FCC Test Report

Equipment	:	Media Terminal Adaptor
Brand Name	:	InnoMedia
Model No.	:	MTA8328-1W/MTA8328-1WV
FCC ID	:	2ALCB-MTA-W-0000001
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5250 MHz – 5350 MHz 5470 MHz – 5725 MHz 5725 MHz – 5850 MHz
Applicant	:	INNOMEDIA TECHNOLOGY INC 3RD FL HSINCHU SCIENCE-BASED INDUSTRIAL PARK 3 INDUSTRIAL E RD IX HSINCHU 300 TAIWAN
Manufacturer	:	LUEN HUEI ELECTRONICS CO.,LTD 17 Kuang Fu Rd.,HsInchu Industrial,Park HsInchu,Taiwan, R.O.C
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client

The product sample received on Apr. 12, 2017 and completely tested on May 02, 2017. We, SPORTON, 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., the test report shall not be reproduced except in full.

Cliff Chang
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.6	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR711841-01	Rev. 01	Initial issue of report	May 16, 2017

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 [11]
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 [5]
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	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.25-5.35GHz	802.11n HT40	40	1TX
5.47-5.725GHz	802.11a	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11n HT40	40	1TX

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

1.1.2 Antenna Information

Ant.	Brand	Part No.	Antenna Type	Connector	Gain (dBi)
1	LYNwave	ALA150-092031-000000	PIFA Antenna	I-PEX	3

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)
802.11a	0.929	0.32
802.11n HT20	0.906	0.429
802.11n HT40	0.835	0.783

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	WiFi	USB	Push Button	FXS port
MTA8328-1W	Y	N	Y	1
MTA8328-1WV	Y	Y	Y	1

From the above models, model: MTA8328-1WV was selected as representative model for the test and its data was recorded in this report.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v01r04
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location							
☐	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.			
		TEL	:	886-3-327-3456	FAX	:	886-3-318-0055
☒	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.			
		TEL	:	886-3-656-9065	FAX	:	886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Serway Li	20°C / 60%	Apr. 20, 2017
Radiated Below 1GHz	03CH01-CB	Zero Chen / Brain Chen Joy Tseng	22°C / 54%	May 02, 2017
Radiated Above 1GHz	03CH01-CB	Zero Chen / Brain Chen Joy Tseng	22°C / 54%	Apr. 13, 2017~May 02, 2017
AC Conduction	CO01-CB	Gavin Peng / Rick Yeh	22°C / 61%	Apr. 24, 2017

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%
Frequency Stability	6.06×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Band	Power Setting
802.11a_(6Mbps)_1TX	-
5180MHz	63
5200MHz	63
5240MHz	63
5260MHz	63
5300MHz	63
5320MHz	56
5500MHz	33
5580MHz	63
5700MHz	34
5745MHz	63
5785MHz	63
5825MHz	63
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	63
5200MHz	63
5240MHz	63
5260MHz	63
5300MHz	63
5320MHz	54
5500MHz	33
5580MHz	60
5700MHz	16
5745MHz	63
5785MHz	63
5825MHz	63
802.11n HT40_Nss1,(MCS0)_1TX	-
5190MHz	35
5270MHz	50
5310MHz	26
5510MHz	11
5550MHz	28
5670MHz	21
5755MHz	17
5795MHz	26

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT + LAN + WAN + Phone + Adapter
2	EUT + LAN + WIFI(2.4G) + Adapter
3	EUT + LAN + WIFI(5G) + Adapter
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
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	Normal Link
1	EUT at Z axis + LAN + WAN + Phone + Adpater
2	EUT at Y axis + LAN + WAN + Phone + Adpater
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~4 will follow this same test mode.	
3	EUT at Z axis + LAN + WIFI(2.4G) + Adapter
4	EUT at Z axis + LAN + WIFI(5G) + Adapter
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at Y axis and Z axis position for Radiated emission test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	CTX-EUT at Y axis + Adapter

Note: All the specification of test configurations and test modes were based on customer's request

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	AOEM	ADS012T-W120100	Input: 100-240V~50-60Hz 0.5A Output: 12V, 1.0A
RJ-45 Cable*2, Non-Shielded, 1.8m				
RJ-11 Cable*1, Non-Shielded, 1.5m				

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E6430	DoC
2	Phone	SAMPO	HT-B 907WL	DoC
3	Flash disk	Silicon Power	I-Series	DoC

For Test Site No: 03CH01-CB (below 1GHz)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E6430	DoC
2	Phone	PHILIPS	M20	N/A

For Test Site No: 03CH01-CB (above 1GHz)

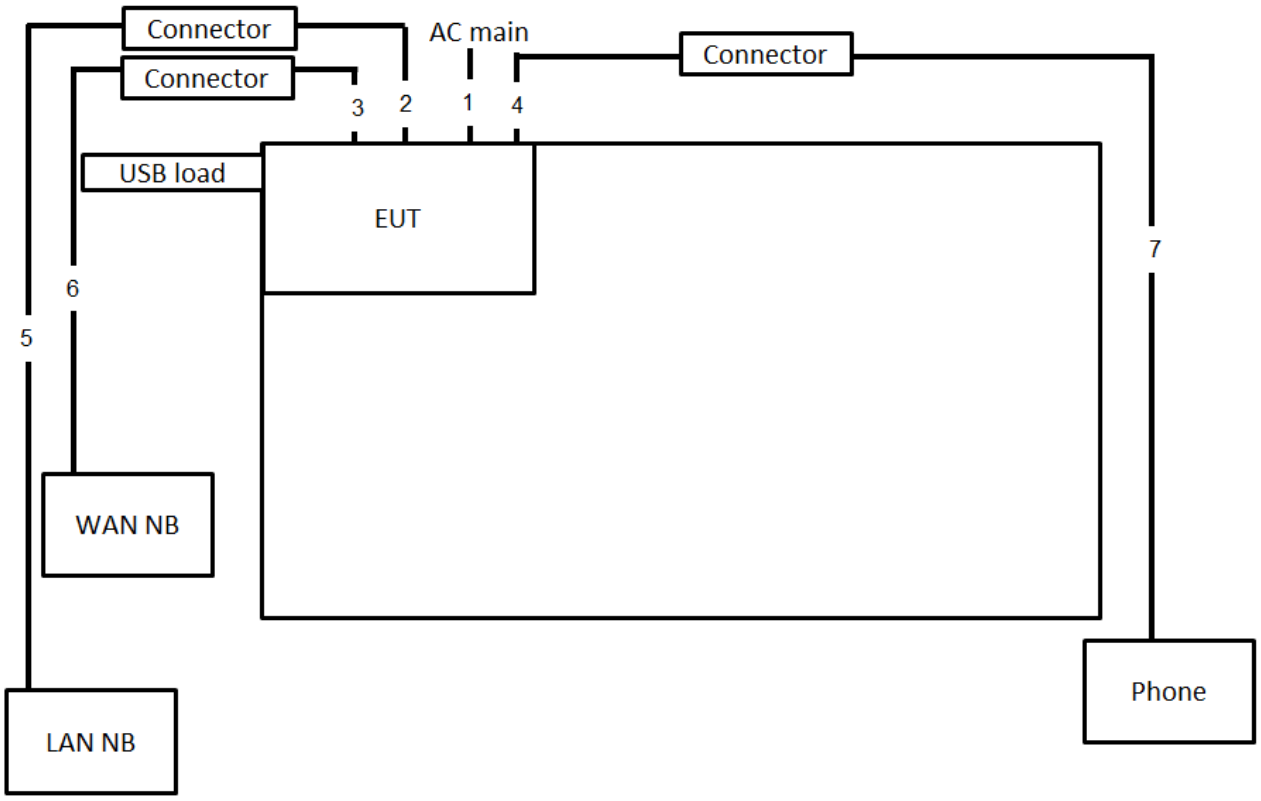
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

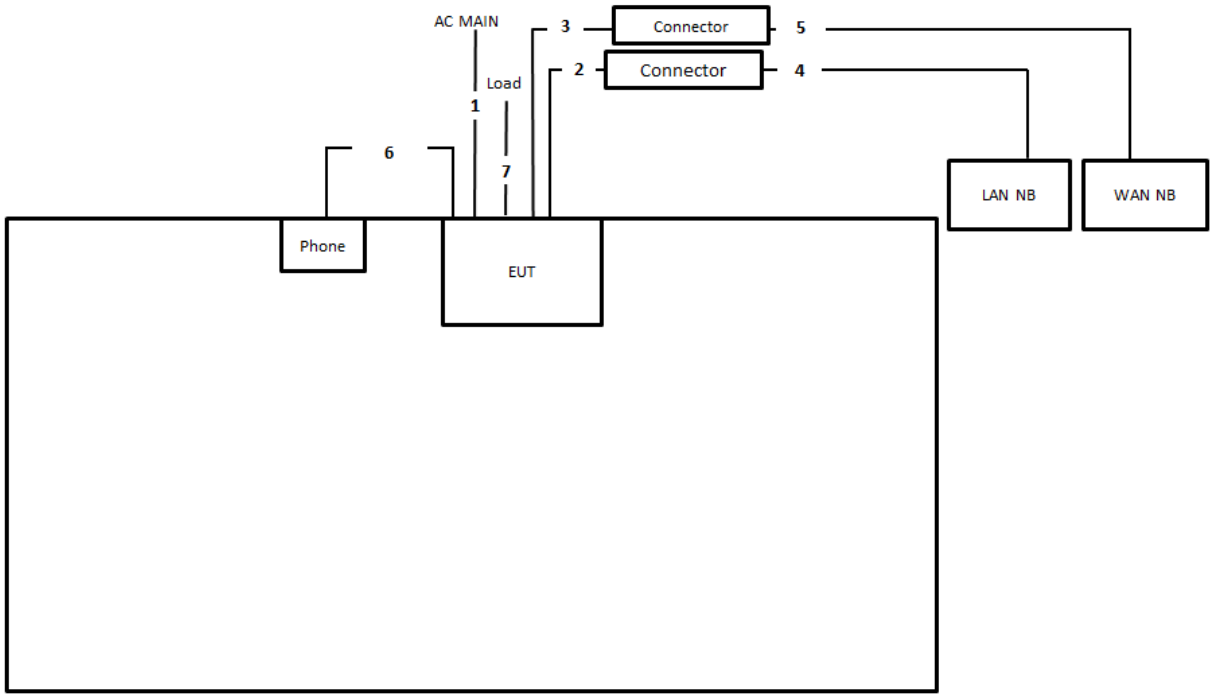
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



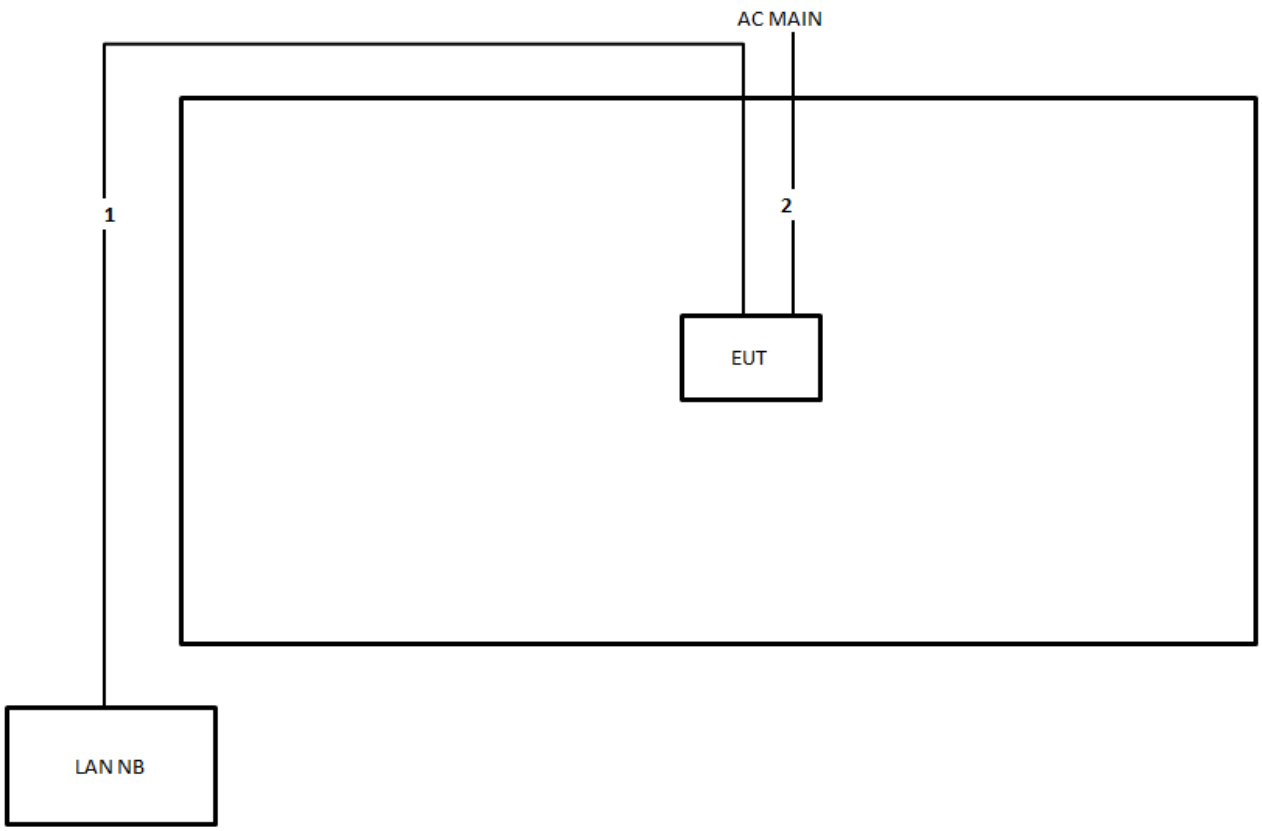
Item	Connection	Shielded	Length
1	Power cable	No	1.3m
2	RJ-45 cable	No	1.8m
3	RJ-45 cable	No	1.8m
4	RJ-11 cable	No	1.5m
5	RJ-45 cable	No	10m
6	RJ-45 cable	No	10m
7	RJ-11 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.3m
2	RJ-45 cable	No	1.8m
3	RJ-45 cable	No	1.8m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	RJ-11 cable	No	1.5m
7	USB cable	Yes	2m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.3m

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

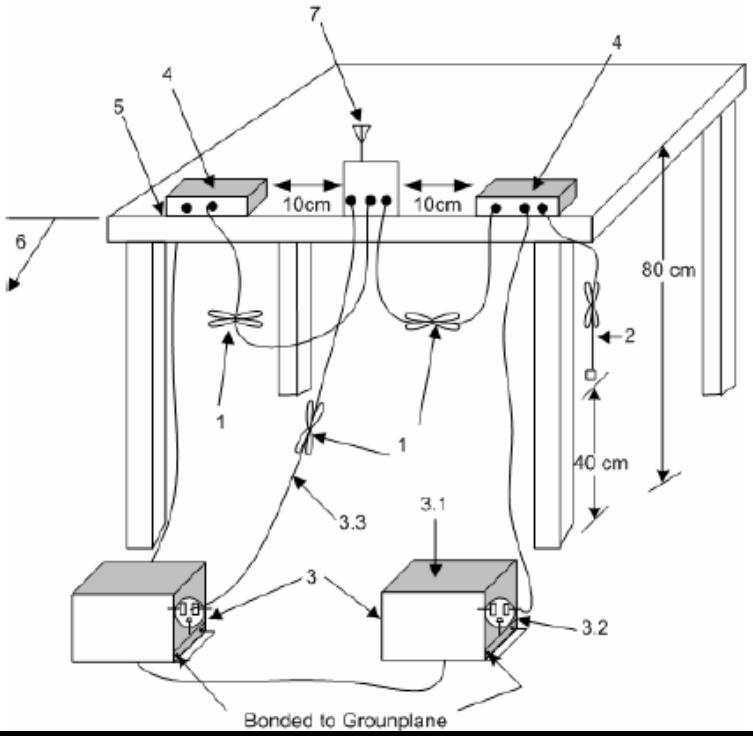
Refer a test equipment and calibration data table in this test report.

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



3.1.5 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, 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

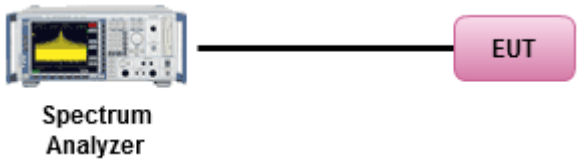
Refer a test equipment and calibration data table in this test report.

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, 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 Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
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	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, 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]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and 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 and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 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 and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 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.	

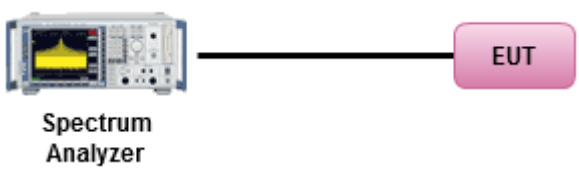
3.4.2 Measuring Instruments

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, 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, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, 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, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ 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]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

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

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

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.

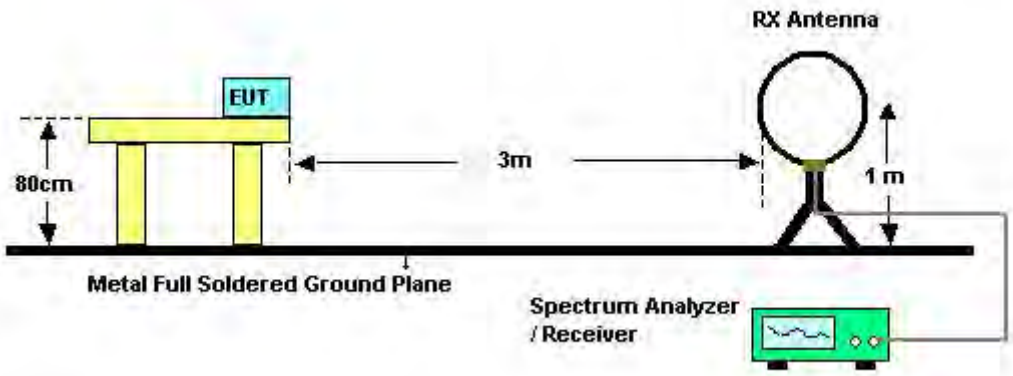
3.5.3 Test Procedures

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, clause H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 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.		

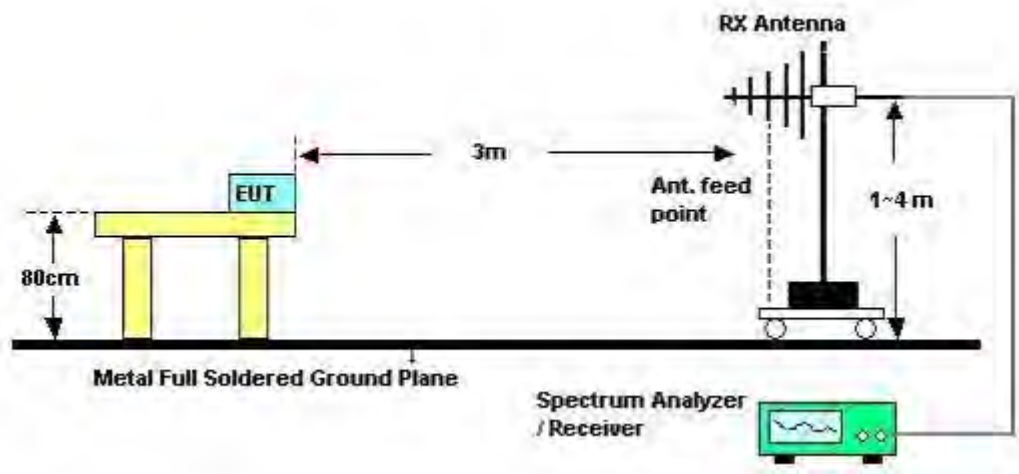
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

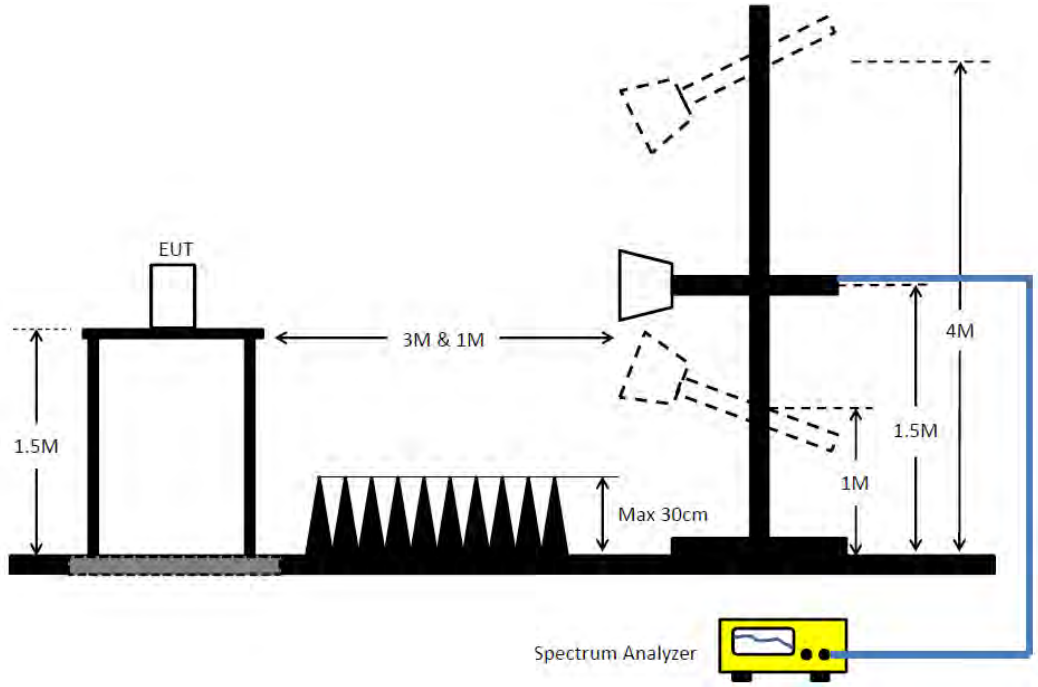
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
LE-LAN Devices
▪ N/A
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

3.6.2 Measuring Instruments

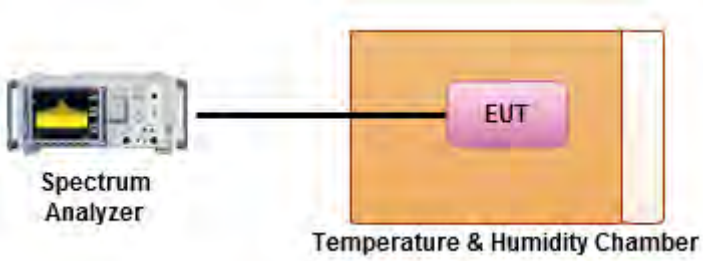
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage
	▪ Extreme temperature is 0℃~40℃.

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Result of Frequency Stability

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 24, 2016	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 25, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Mar. 13, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)

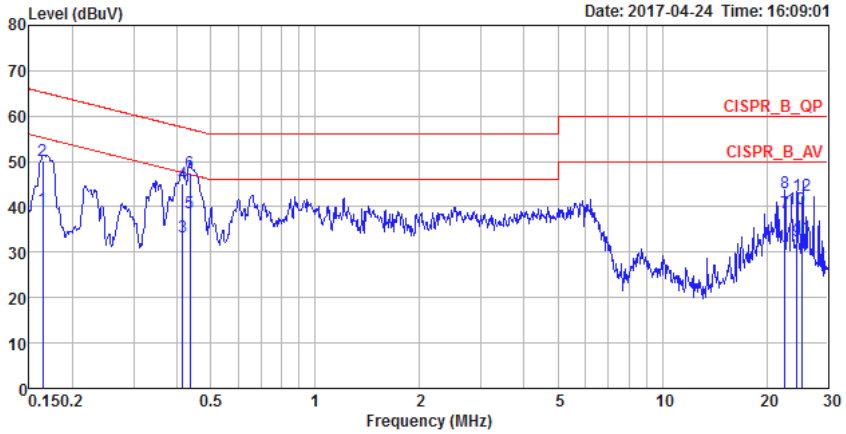
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Conducted (TH01-CB)

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

"*" Calibration Interval of instruments listed above is two years.

N.C.R. means Non-Calibration required.

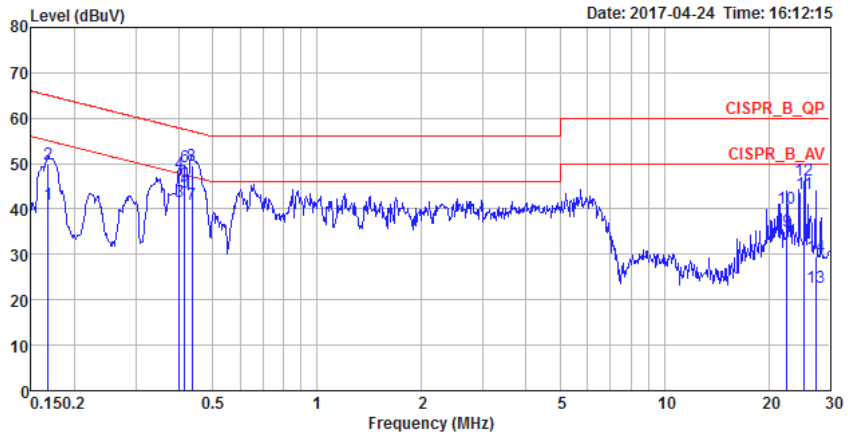
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1641	39.70	-15.55	55.25	29.71	9.95	0.04	Average	NEUTRAL
2	0.1641	50.12	-15.13	65.25	40.13	9.95	0.04	QP	NEUTRAL
3	0.4148	33.34	-14.21	47.55	23.34	9.96	0.04	Average	NEUTRAL
4	0.4148	45.06	-12.49	57.55	35.06	9.96	0.04	QP	NEUTRAL
5	0.4350	38.55	-8.61	47.16	28.55	9.96	0.04	Average	NEUTRAL
6	0.4350	47.38	-9.78	57.16	37.38	9.96	0.04	QP	NEUTRAL
7	22.5354	38.81	-11.19	50.00	28.24	10.31	0.26	Average	NEUTRAL
8	22.5354	43.01	-16.99	60.00	32.44	10.31	0.26	QP	NEUTRAL
9	24.3995	32.34	-17.66	50.00	21.76	10.31	0.27	Average	NEUTRAL
10	24.3995	39.52	-20.48	60.00	28.94	10.31	0.27	QP	NEUTRAL
11	25.3560	33.45	-16.55	50.00	22.86	10.32	0.27	Average	NEUTRAL
12	25.3560	42.40	-17.60	60.00	31.81	10.32	0.27	QP	NEUTRAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1677	41.13	-13.95	55.08	31.15	9.94	0.04	Average	LINE
2	0.1677	49.97	-15.11	65.08	39.99	9.94	0.04	QP	LINE
3	0.3997	41.63	-6.23	47.86	31.70	9.89	0.04	Average	LINE
4	0.3997	47.69	-10.17	57.86	37.76	9.89	0.04	QP	LINE
5	0.4148	43.65	-3.90	47.55	33.72	9.89	0.04	Average	LINE
6	0.4148	49.21	-8.34	57.55	39.28	9.89	0.04	QP	LINE
7	0.4351	40.93	-6.22	47.15	30.99	9.90	0.04	Average	LINE
8	0.4351	49.63	-7.52	57.15	39.69	9.90	0.04	QP	LINE
9	22.5354	35.19	-14.81	50.00	24.66	10.27	0.26	Average	LINE
10	22.5354	40.01	-19.99	60.00	29.48	10.27	0.26	QP	LINE
11	25.3460	43.38	-6.62	50.00	32.80	10.31	0.27	Average	LINE
12	25.3460	46.31	-13.69	60.00	35.73	10.31	0.27	QP	LINE
13	27.2711	22.66	-27.34	50.00	12.04	10.34	0.28	Average	LINE
14	27.2711	29.66	-30.34	60.00	19.04	10.34	0.28	QP	LINE

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5.15-5.25GHz	50M	21.289M	21M3D1D	49.825M	20.34M
5.25-5.35GHz	50M	34.558M	34M6D1D	49.925M	20.54M
5.47-5.725GHz	50M	38.556M	38M6D1D	49.5M	27.086M
5.725-5.85GHz	16.325M	41.104M	41M1D1D	16.325M	40.705M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	50M	19.64M	19M6D1D	49.95M	19.24M
5.25-5.35GHz	50M	33.983M	34M0D1D	49.95M	21.739M
5.47-5.725GHz	50M	39.68M	39M7D1D	50M	24.988M
5.725-5.85GHz	17.275M	41.304M	41M3D1D	16.9M	40.83M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	100M	72.614M	72M6D1D	100M	72.614M
5.25-5.35GHz	100M	73.263M	73M3D1D	97M	37.681M
5.47-5.725GHz	100M	73.913M	73M9D1D	97.3M	54.423M
5.725-5.85GHz	36.35M	72.014M	72M0D1D	36.25M	68.666M

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;

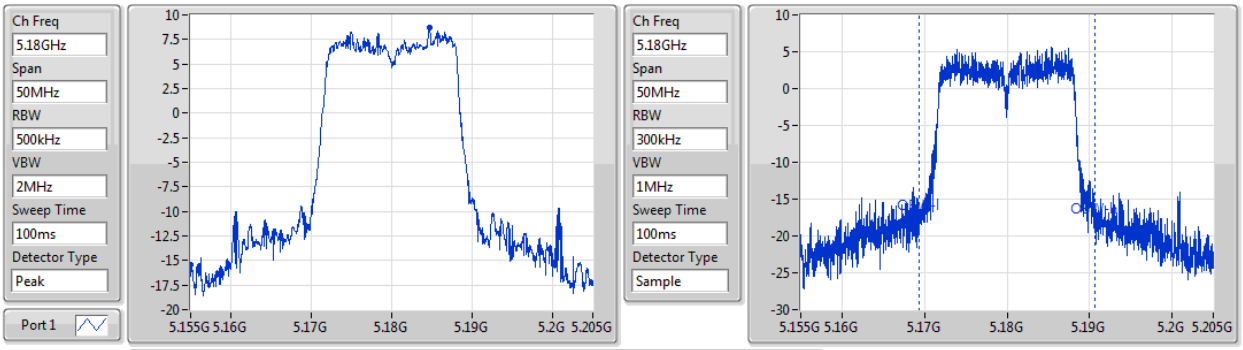
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	50M	21.289M
5200MHz	Pass	Inf	49.825M	20.815M
5240MHz	Pass	Inf	49.9M	20.34M
5260MHz	Pass	Inf	49.925M	20.54M
5300MHz	Pass	Inf	50M	34.558M
5320MHz	Pass	Inf	50M	30.085M
5500MHz	Pass	Inf	49.5M	27.086M
5580MHz	Pass	Inf	50M	38.556M
5700MHz	Pass	Inf	50M	31.434M
5745MHz	Pass	500k	16.325M	40.705M
5785MHz	Pass	500k	16.325M	40.905M
5825MHz	Pass	500k	16.325M	41.104M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	50M	19.24M
5200MHz	Pass	Inf	49.975M	19.365M
5240MHz	Pass	Inf	49.95M	19.64M
5260MHz	Pass	Inf	49.95M	22.664M
5300MHz	Pass	Inf	50M	33.983M
5320MHz	Pass	Inf	50M	21.739M
5500MHz	Pass	Inf	50M	24.988M
5580MHz	Pass	Inf	50M	39.68M
5700MHz	Pass	Inf	50M	33.833M
5745MHz	Pass	500k	17.275M	40.83M
5785MHz	Pass	500k	17.125M	41.029M
5825MHz	Pass	500k	16.9M	41.304M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	100M	72.614M
5270MHz	Pass	Inf	97M	37.681M
5310MHz	Pass	Inf	100M	73.263M
5510MHz	Pass	Inf	100M	73.913M
5550MHz	Pass	Inf	97.3M	54.423M
5670MHz	Pass	Inf	98.35M	62.269M
5755MHz	Pass	500k	36.35M	72.014M
5795MHz	Pass	500k	36.25M	68.666M

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_(6Mbps)_1TX **EBW**

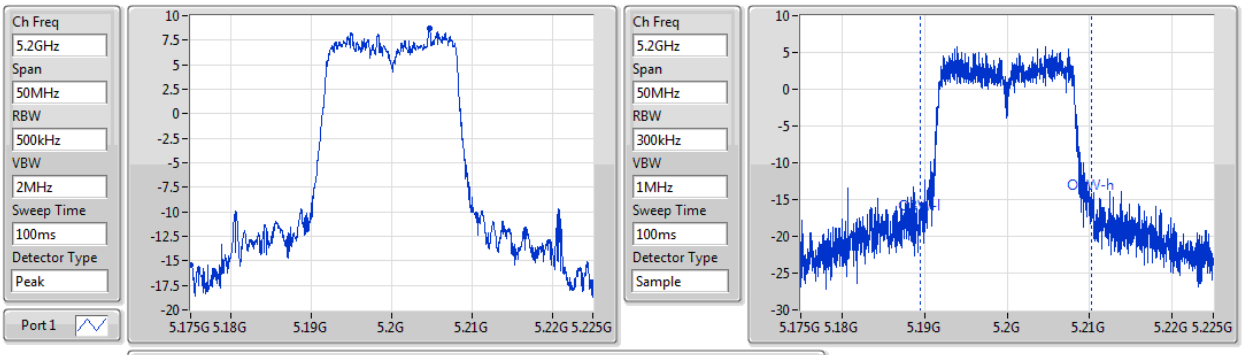
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.155G	5.205G	21.289M	5.16933G	5.19062G	Inf	1

802.11a_(6Mbps)_1TX **EBW**

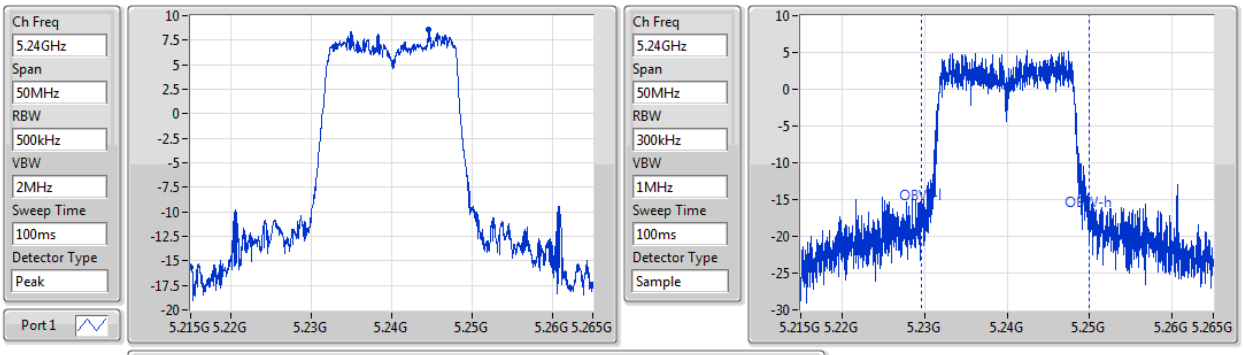
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.825M	5.175G	5.224825G	20.815M	5.18948G	5.210295G	Inf	1

802.11a_(6Mbps)_1TX **EBW**

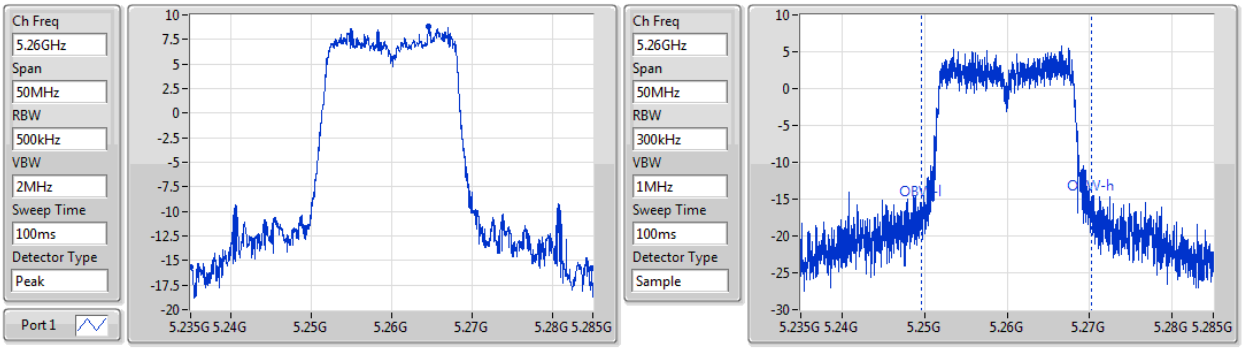
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.9M	5.215G	5.2649G	20.34M	5.22963G	5.24997G	Inf	1

802.11a_(6Mbps)_1TX EBW

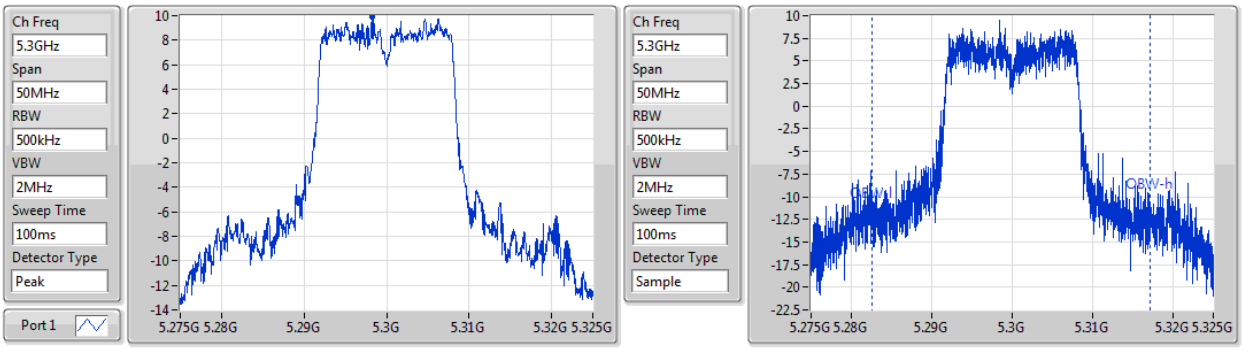
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.925M	5.235G	5.284925G	20.54M	5.249655G	5.270195G	Inf	1

802.11a_(6Mbps)_1TX EBW

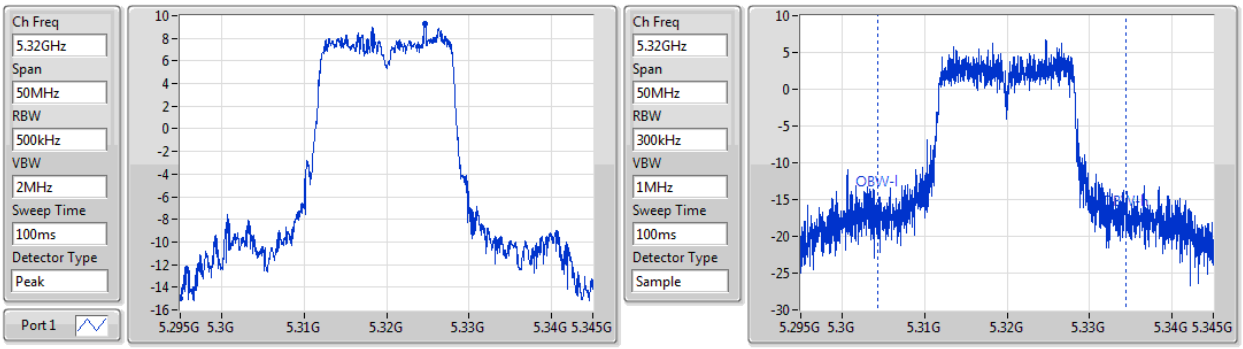
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.275G	5.325G	34.558M	5.282559G	5.317116G	Inf	1

802.11a_(6Mbps)_1TX EBW

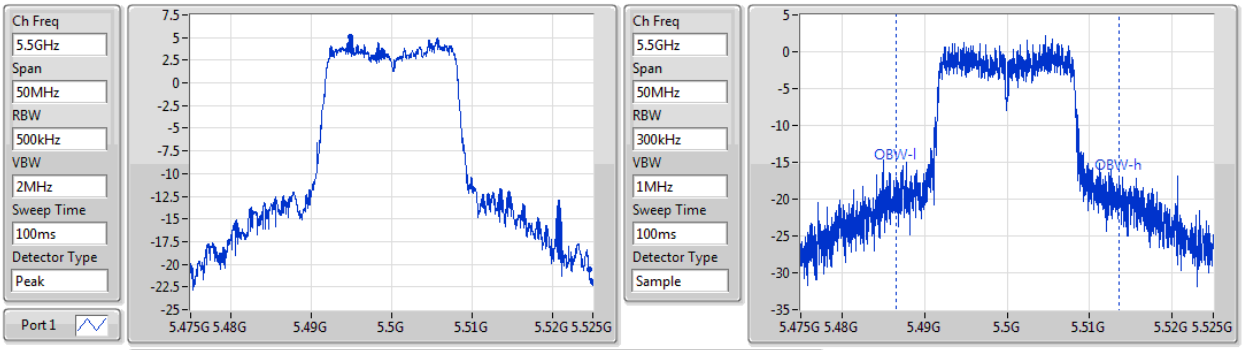
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.295G	5.345G	30.085M	5.304358G	5.334443G	Inf	1

802.11a_(6Mbps)_1TX **EBW**

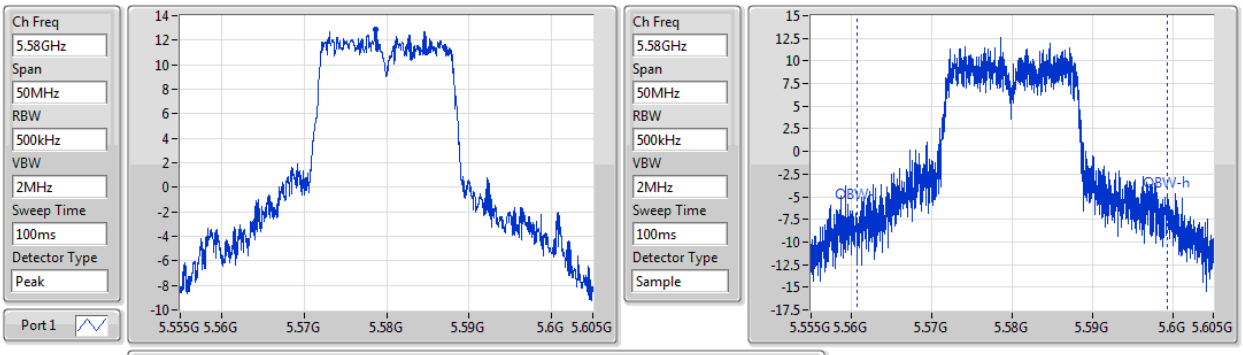
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.5M	5.475G	5.5245G	27.086M	5.486557G	5.513643G	Inf	1

802.11a_(6Mbps)_1TX **EBW**

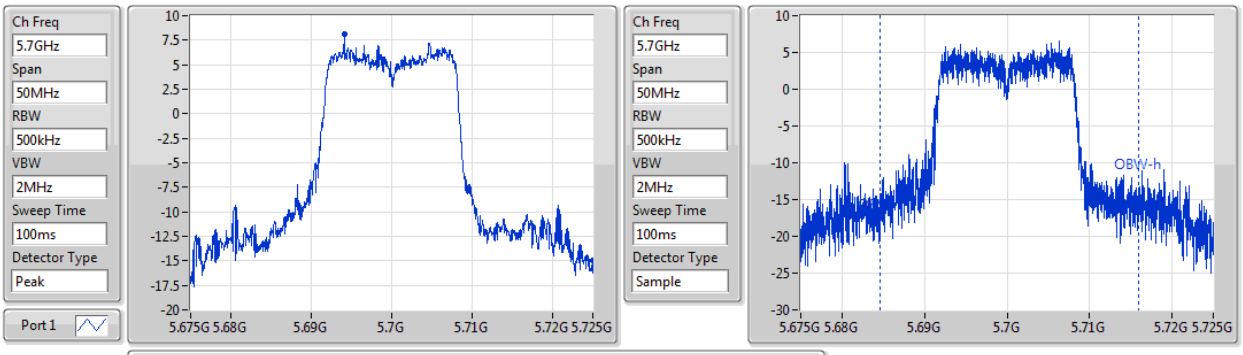
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.555G	5.605G	38.556M	5.560735G	5.59929G	Inf	1

802.11a_(6Mbps)_1TX **EBW**

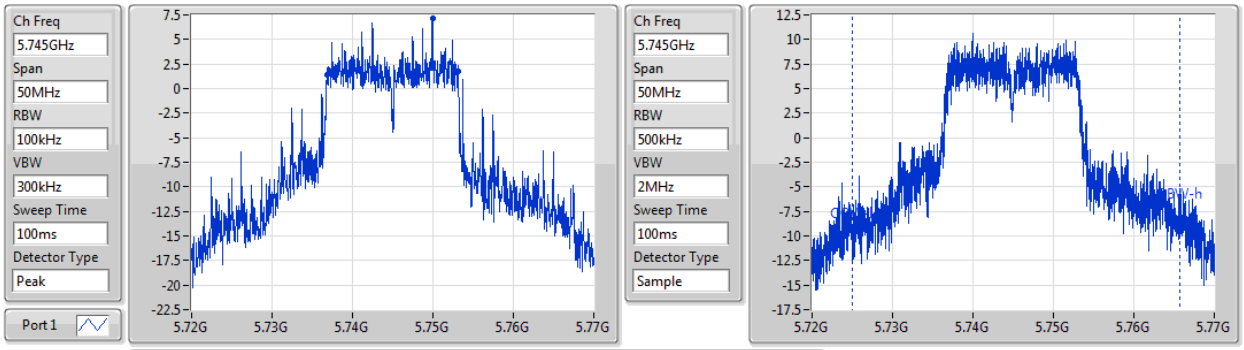
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.675G	5.725G	31.434M	5.684558G	5.715992G	Inf	1

802.11a_(6Mbps)_1TX **EBW**

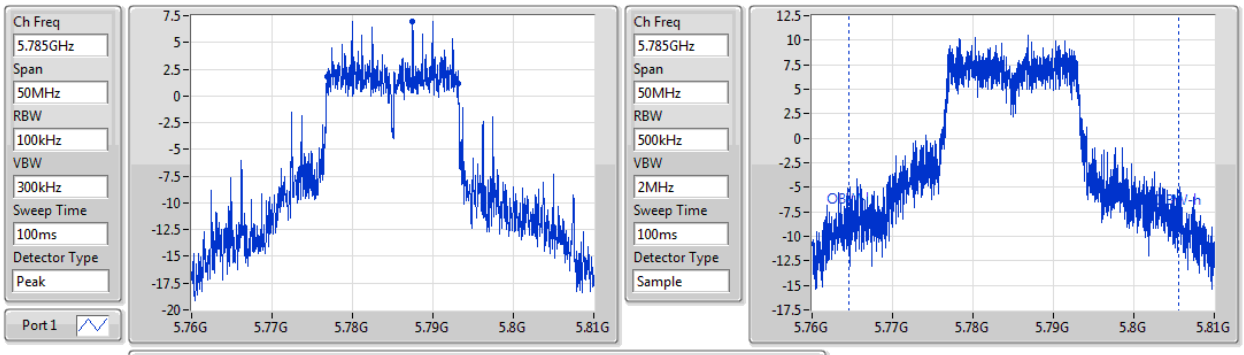
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.7368G	5.753125G	40.705M	5.725035G	5.76574G	500k	1

802.11a_(6Mbps)_1TX **EBW**

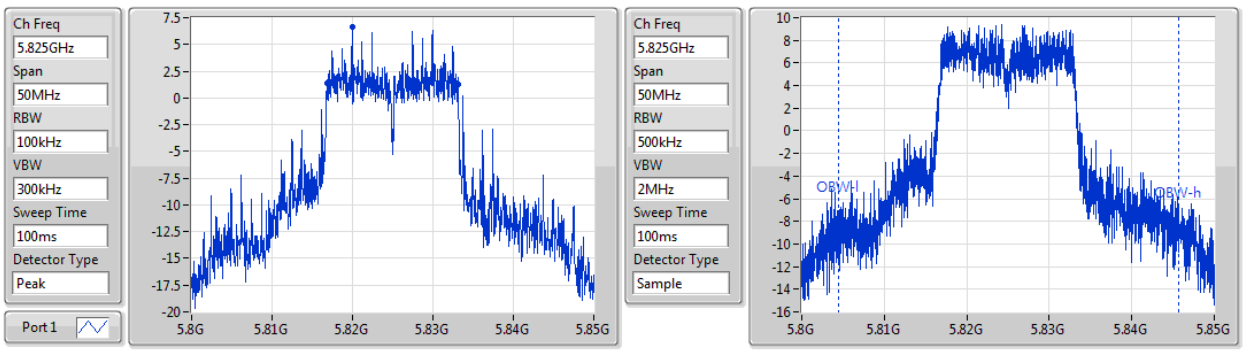
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.7768G	5.793125G	40.905M	5.764635G	5.80554G	500k	1

802.11a_(6Mbps)_1TX **EBW**

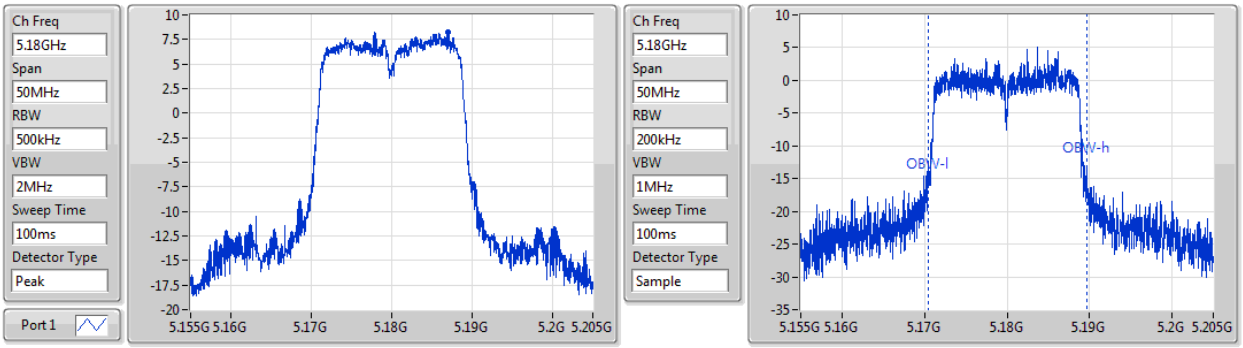
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.8168G	5.833125G	41.104M	5.80451G	5.845615G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

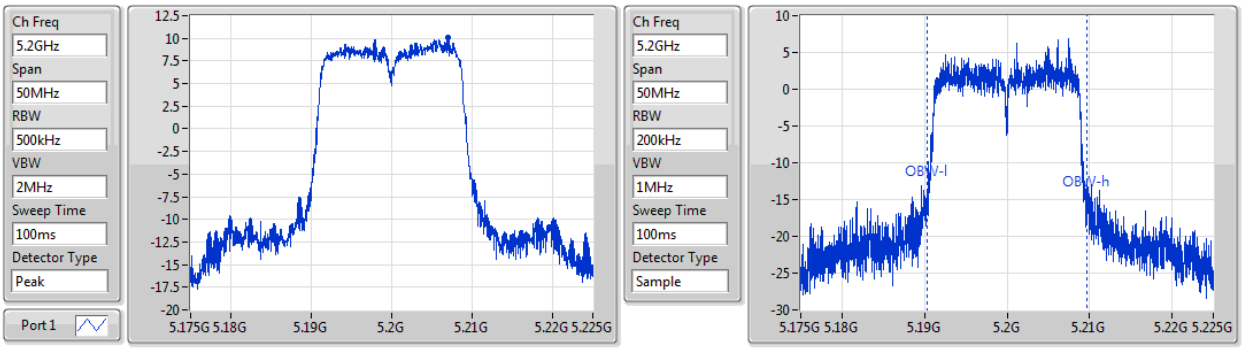
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.155G	5.205G	19.24M	5.170405G	5.189645G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

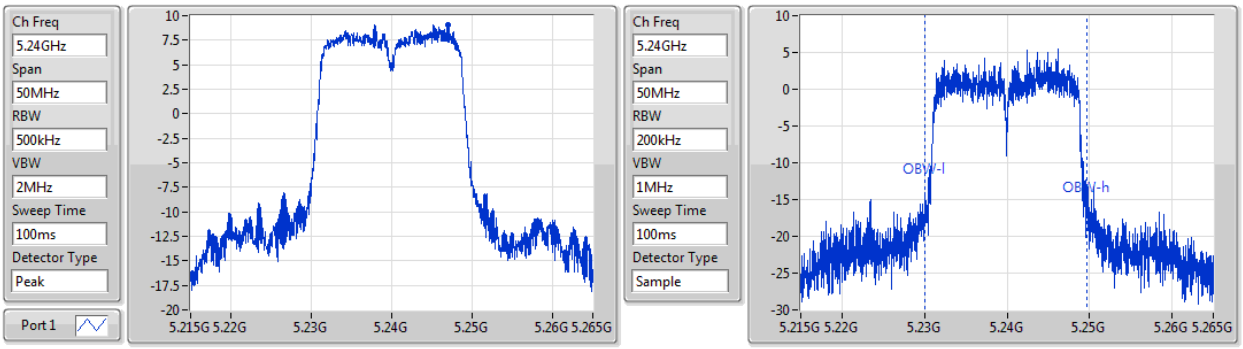
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.975M	5.175025G	5.225G	19.365M	5.190355G	5.20972G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

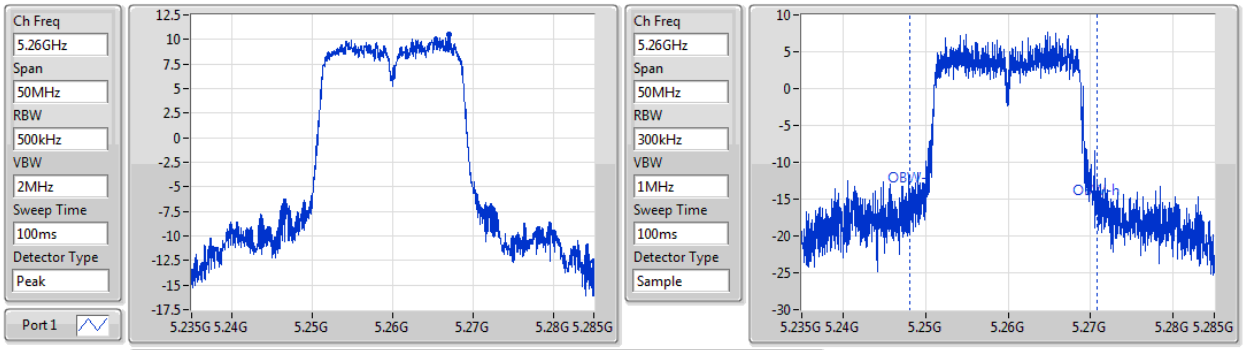
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.95M	5.215G	5.26495G	19.64M	5.230005G	5.249645G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

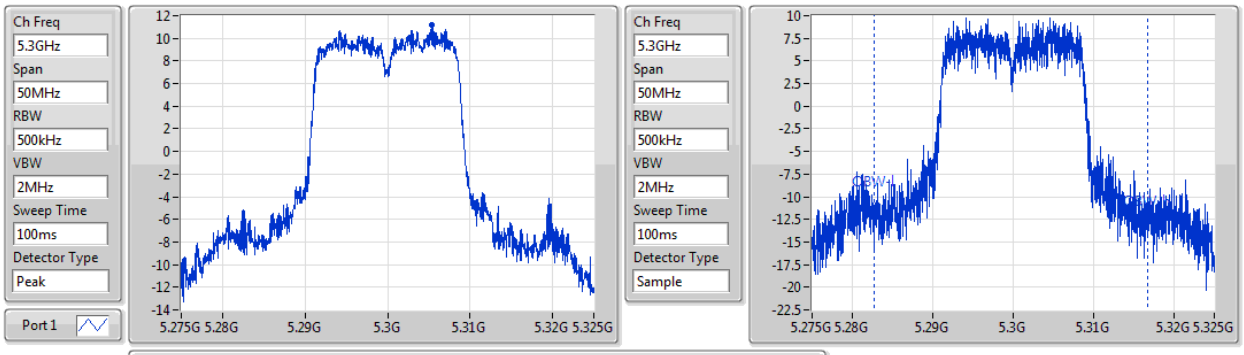
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.95M	5.235G	5.28495G	22.664M	5.248081G	5.270745G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

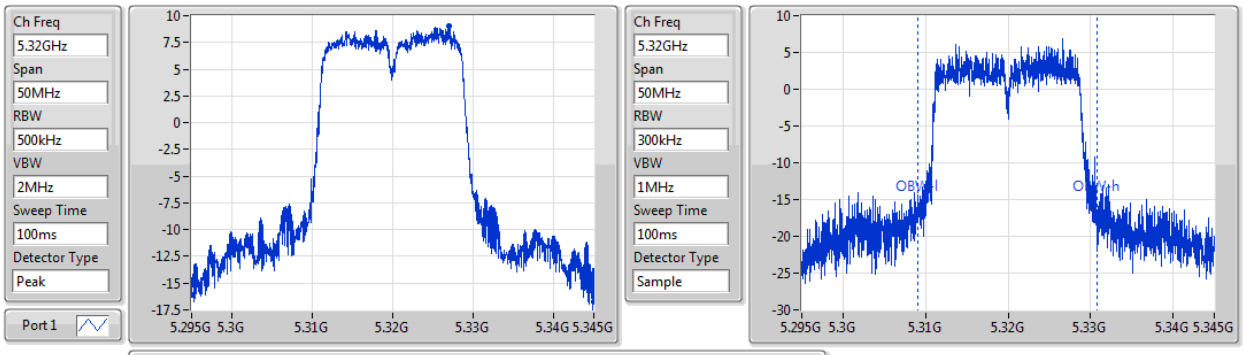
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.275G	5.325G	33.983M	5.282759G	5.316742G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

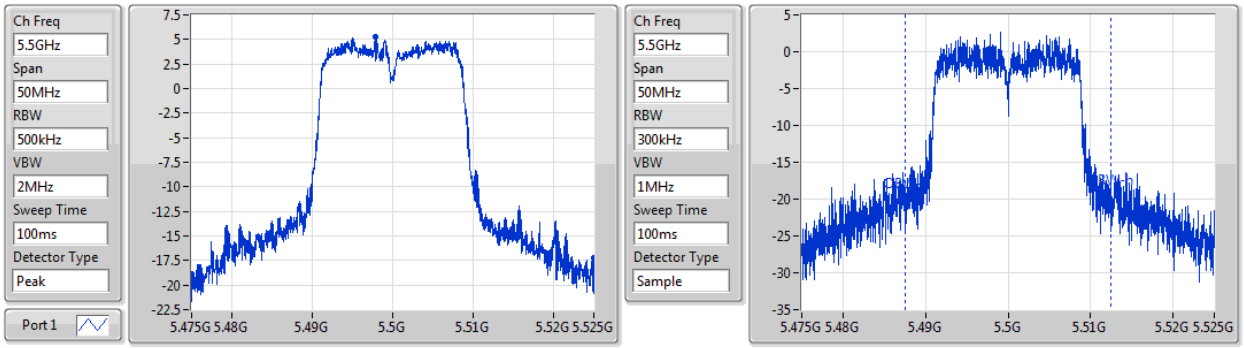
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.295G	5.345G	21.739M	5.30903G	5.33077G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

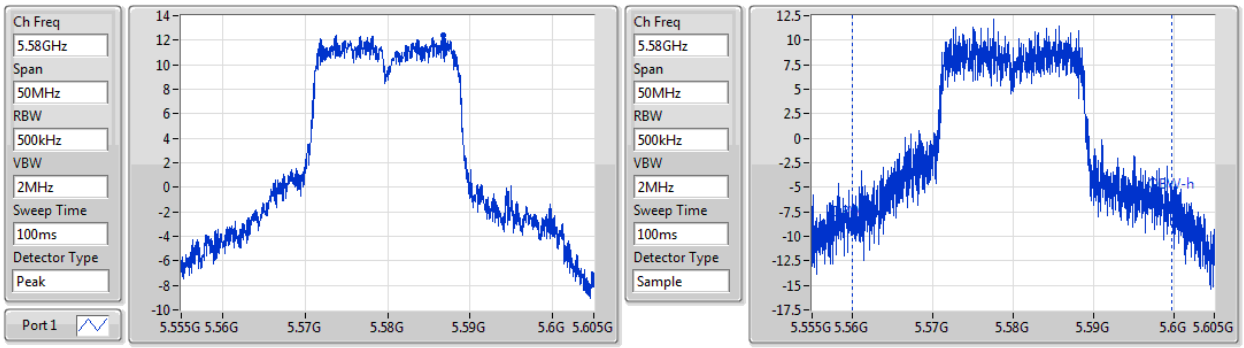
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.475G	5.525G	24.988M	5.487506G	5.512494G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

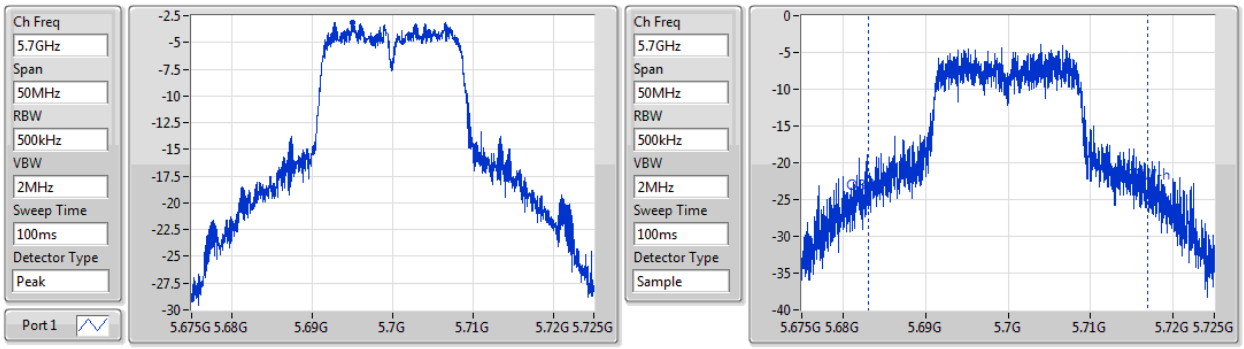
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.555G	5.605G	39.68M	5.56001G	5.59969G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

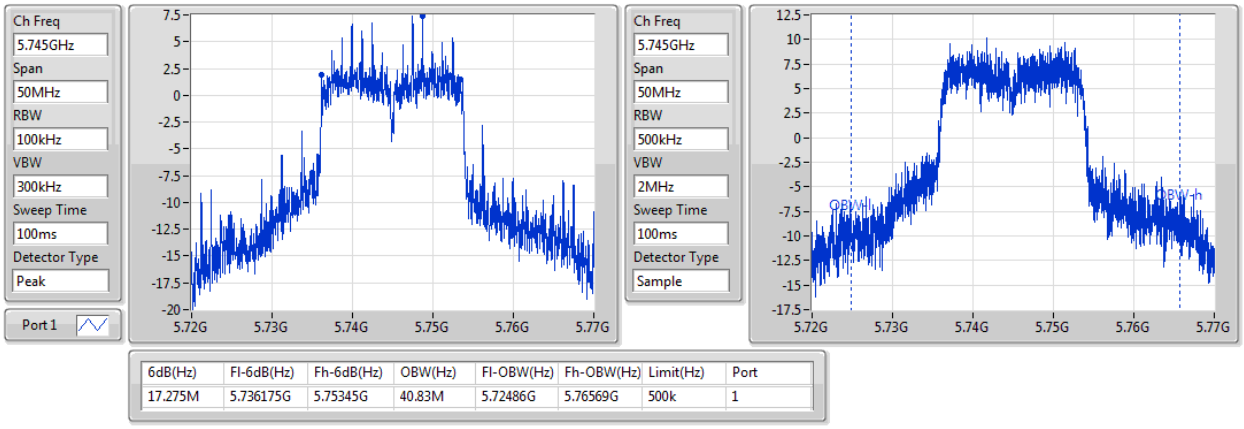
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.675G	5.725G	33.833M	5.683108G	5.716942G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX — EBW

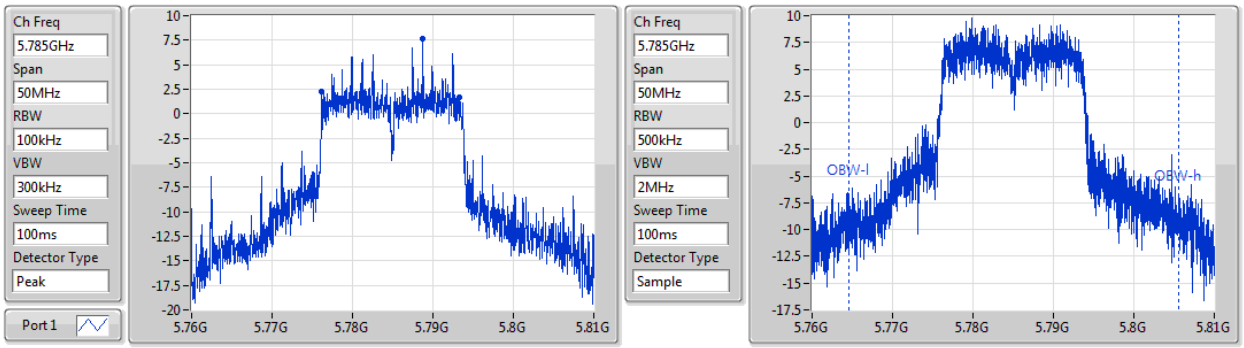
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.736175G	5.75345G	40.83M	5.72486G	5.76569G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX — EBW

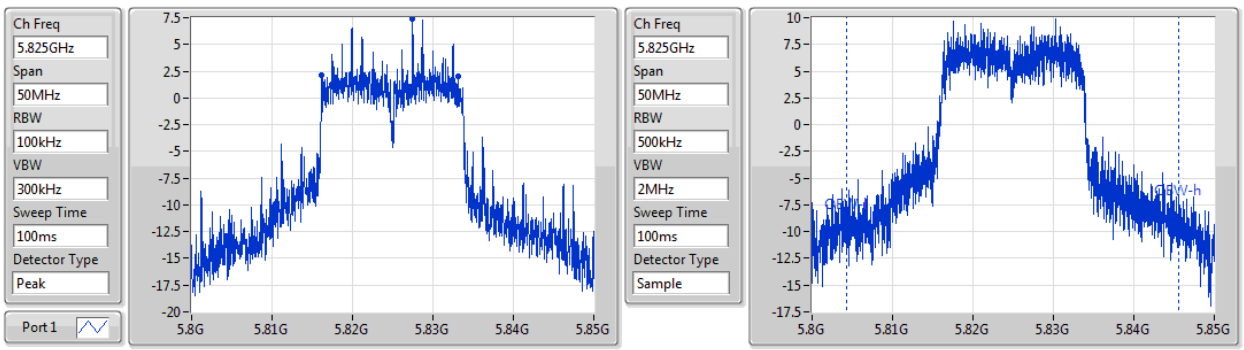
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	5.7762G	5.793325G	41.029M	5.76461G	5.80564G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX — EBW

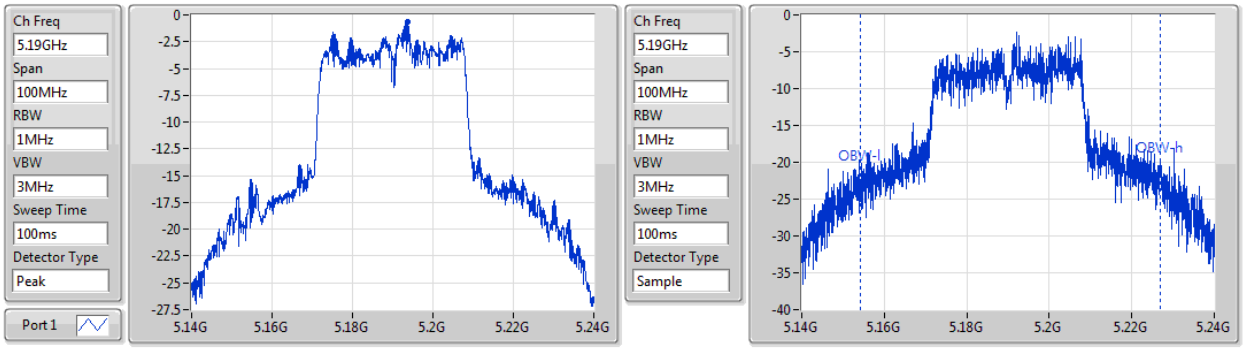
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	5.8162G	5.8331G	41.304M	5.80426G	5.845565G	500k	1

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

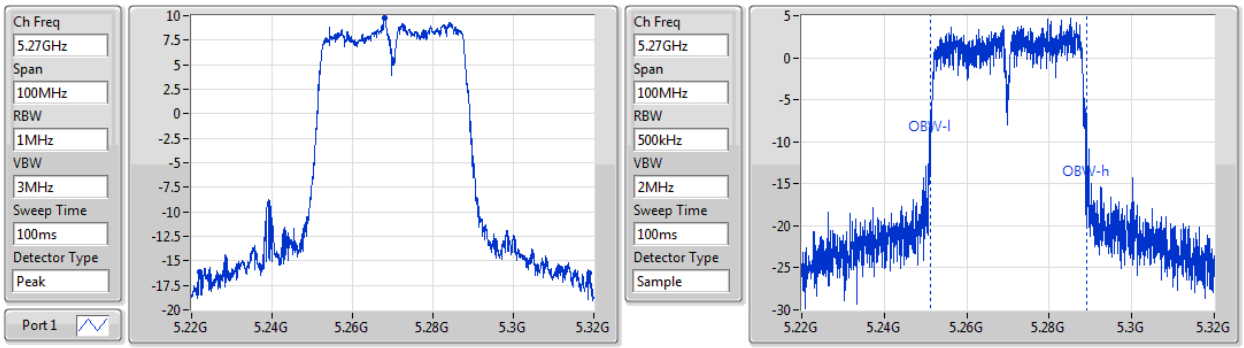
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100M	5.14G	5.24G	72.614M	5.154218G	5.226832G	Inf	1

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

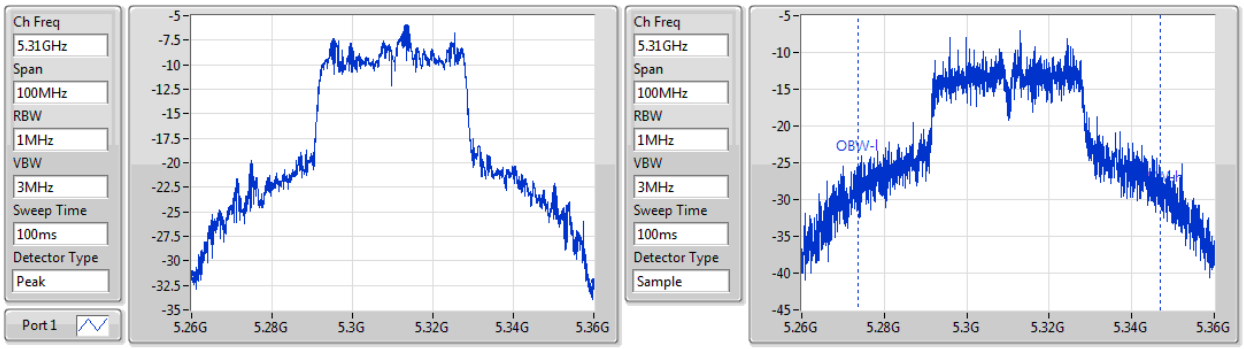
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
97M	5.2219G	5.3189G	37.681M	5.251309G	5.288991G	Inf	1

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

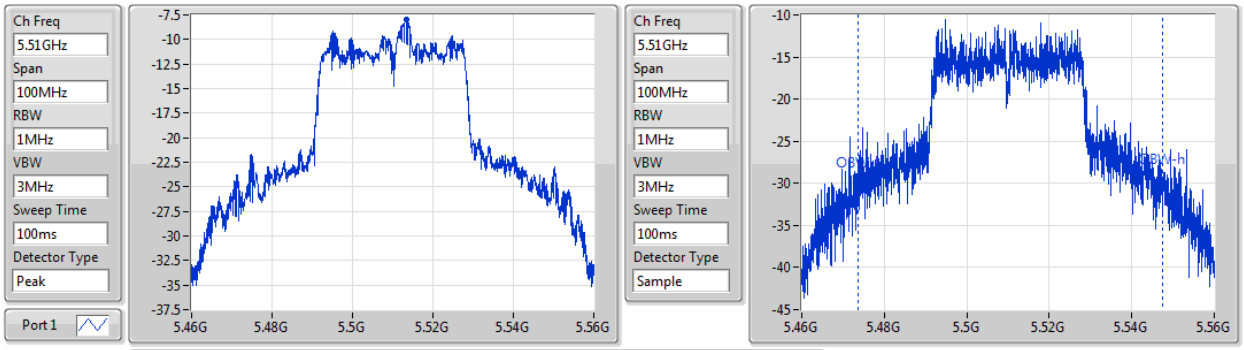
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100M	5.26G	5.36G	73.263M	5.273518G	5.346782G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

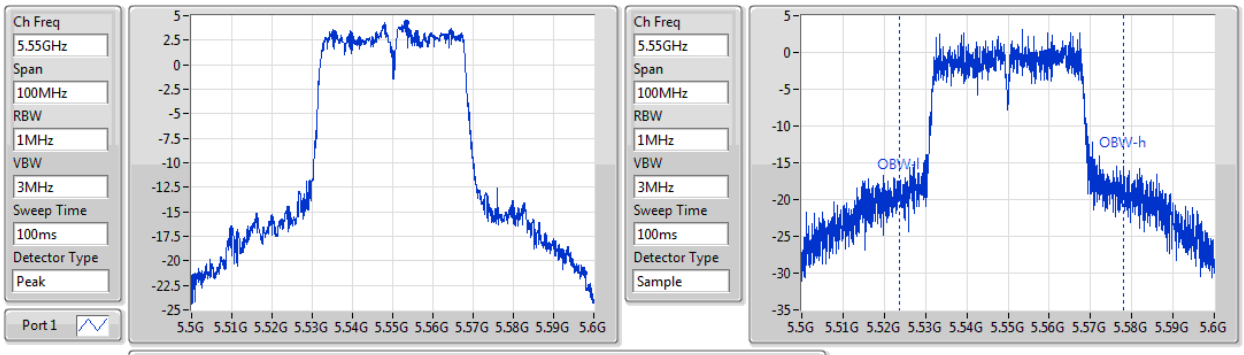
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100M	5.46G	5.56G	73.913M	5.473518G	5.547431G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

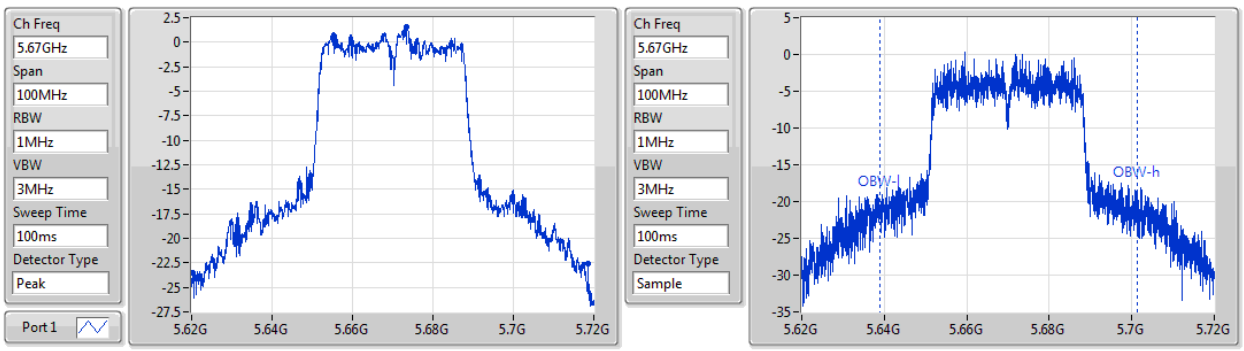
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
97.3M	5.50055G	5.59785G	54.423M	5.523613G	5.578036G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

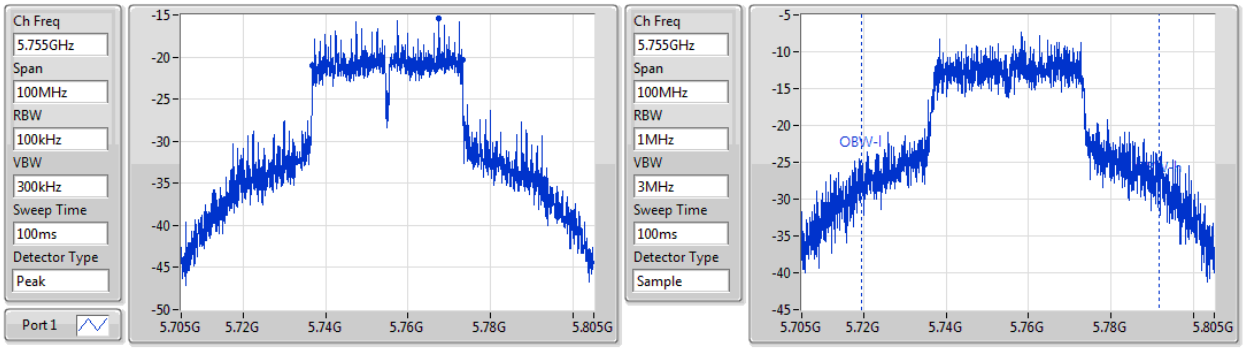
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
98.35M	5.62015G	5.7185G	62.269M	5.639065G	5.701334G	Inf	1

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

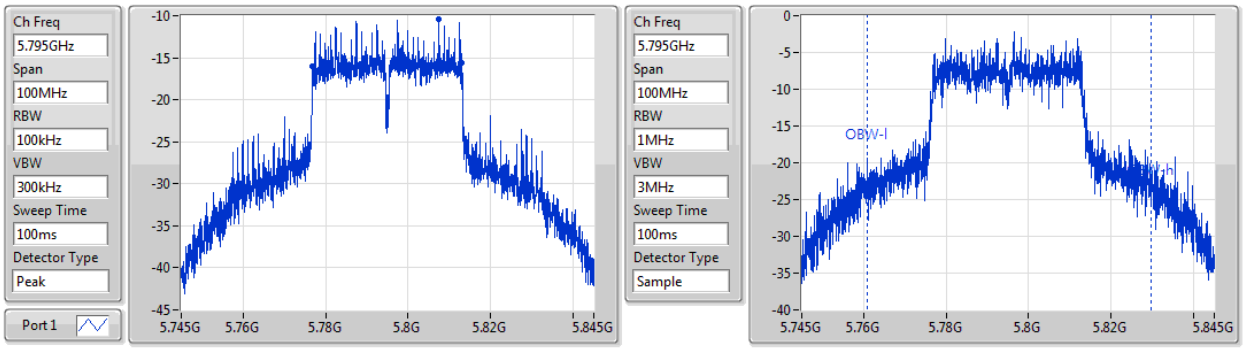
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7368G	5.77315G	72.014M	5.719518G	5.791532G	500k	1

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

5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	5.77685G	5.8131G	68.666M	5.760967G	5.829633G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	16.46	0.04426
5.25-5.35GHz	17.02	0.05035
5.47-5.725GHz	19.01	0.07962
5.725-5.85GHz	17.06	0.05082
802.11n HT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	16.86	0.04853
5.25-5.35GHz	17.85	0.06095
5.47-5.725GHz	18.85	0.07674
5.725-5.85GHz	16.94	0.04943
802.11n HT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	-2.93	0.00051
5.25-5.35GHz	13.02	0.02004
5.47-5.725GHz	9.54	0.00899
5.725-5.85GHz	1.51	0.00142

Result

Mode	Result	DG	Port 1	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	15.81	15.81	30.00
5200MHz	Pass	3.00	15.86	15.86	30.00
5240MHz	Pass	3.00	16.46	16.46	30.00
5260MHz	Pass	3.00	16.76	16.76	23.98
5300MHz	Pass	3.00	17.02	17.02	23.98
5320MHz	Pass	3.00	16.13	16.13	23.98
5500MHz	Pass	3.00	11.94	11.94	23.98
5580MHz	Pass	3.00	19.01	19.01	23.98
5700MHz	Pass	3.00	14.32	14.32	23.98
5745MHz	Pass	3.00	17.06	17.06	30.00
5785MHz	Pass	3.00	17.05	17.05	30.00
5825MHz	Pass	3.00	16.89	16.89	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	15.31	15.31	30.00
5200MHz	Pass	3.00	16.86	16.86	30.00
5240MHz	Pass	3.00	16.56	16.56	30.00
5260MHz	Pass	3.00	17.85	17.85	23.98
5300MHz	Pass	3.00	17.57	17.57	23.98
5320MHz	Pass	3.00	16.17	16.17	23.98
5500MHz	Pass	3.00	12.14	12.14	23.98
5580MHz	Pass	3.00	18.85	18.85	23.98
5700MHz	Pass	3.00	2.73	2.73	23.98
5745MHz	Pass	3.00	16.94	16.94	30.00
5785MHz	Pass	3.00	16.93	16.93	30.00
5825MHz	Pass	3.00	16.87	16.87	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	-2.93	-2.93	30.00
5270MHz	Pass	3.00	13.02	13.02	23.98
5310MHz	Pass	3.00	-3.58	-3.58	23.98
5510MHz	Pass	3.00	-5.29	-5.29	23.98
5550MHz	Pass	3.00	9.54	9.54	23.98
5670MHz	Pass	3.00	6.23	6.23	23.98
5755MHz	Pass	3.00	-5.77	-5.77	30.00
5795MHz	Pass	3.00	1.51	1.51	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	3.31
5.25-5.35GHz	3.88
5.47-5.725GHz	5.85
5.725-5.85GHz	3.26
802.11n HT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	3.73
5.25-5.35GHz	4.56
5.47-5.725GHz	5.61
5.725-5.85GHz	2.73
802.11n HT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-13.10
5.25-5.35GHz	-3.04
5.47-5.725GHz	-6.53
5.725-5.85GHz	-14.98

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

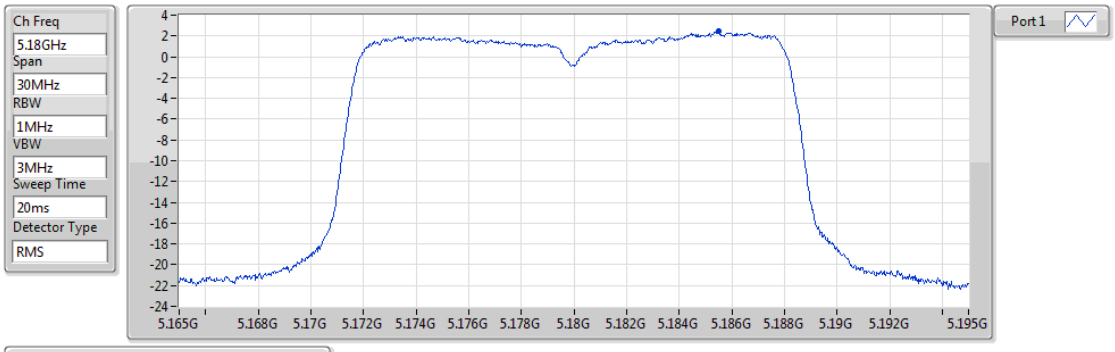
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	2.42	2.42	17.00
5200MHz	Pass	3.00	2.66	2.66	17.00
5240MHz	Pass	3.00	3.31	3.31	17.00
5260MHz	Pass	3.00	3.58	3.58	11.00
5300MHz	Pass	3.00	3.88	3.88	11.00
5320MHz	Pass	3.00	2.97	2.97	11.00
5500MHz	Pass	3.00	-1.27	-1.27	11.00
5580MHz	Pass	3.00	5.85	5.85	11.00
5700MHz	Pass	3.00	1.18	1.18	11.00
5745MHz	Pass	3.00	3.26	3.26	30.00
5785MHz	Pass	3.00	3.19	3.19	30.00
5825MHz	Pass	3.00	2.81	2.81	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	2.04	2.04	17.00
5200MHz	Pass	3.00	3.73	3.73	17.00
5240MHz	Pass	3.00	3.39	3.39	17.00
5260MHz	Pass	3.00	4.56	4.56	11.00
5300MHz	Pass	3.00	4.31	4.31	11.00
5320MHz	Pass	3.00	2.81	2.81	11.00
5500MHz	Pass	3.00	-1.15	-1.15	11.00
5580MHz	Pass	3.00	5.61	5.61	11.00
5700MHz	Pass	3.00	-10.74	-10.74	11.00
5745MHz	Pass	3.00	2.73	2.73	30.00
5785MHz	Pass	3.00	2.70	2.70	30.00
5825MHz	Pass	3.00	2.67	2.67	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	-13.10	-13.10	17.00
5270MHz	Pass	3.00	-3.04	-3.04	11.00
5310MHz	Pass	3.00	-19.59	-19.59	11.00
5510MHz	Pass	3.00	-21.37	-21.37	11.00
5550MHz	Pass	3.00	-6.53	-6.53	11.00
5670MHz	Pass	3.00	-9.86	-9.86	11.00
5755MHz	Pass	3.00	-21.56	-21.56	30.00
5795MHz	Pass	3.00	-14.98	-14.98	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 X power density;

802.11a_(6Mbps)_1TX **PSD**

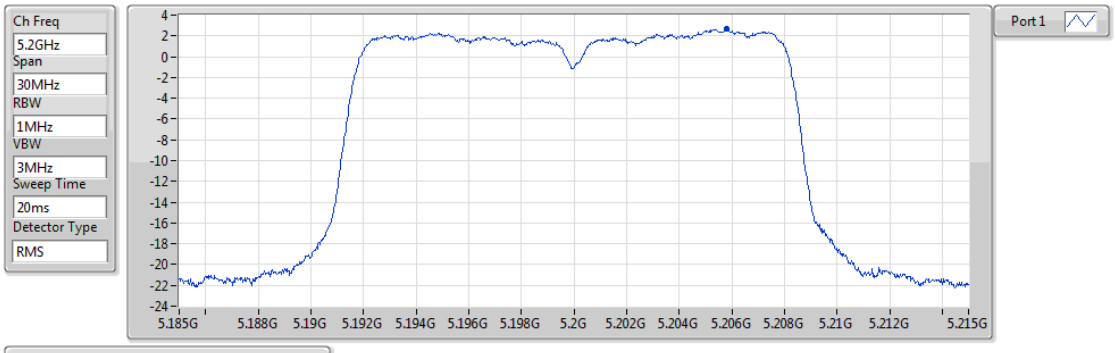
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.42	2.42	2.42

802.11a_(6Mbps)_1TX **PSD**

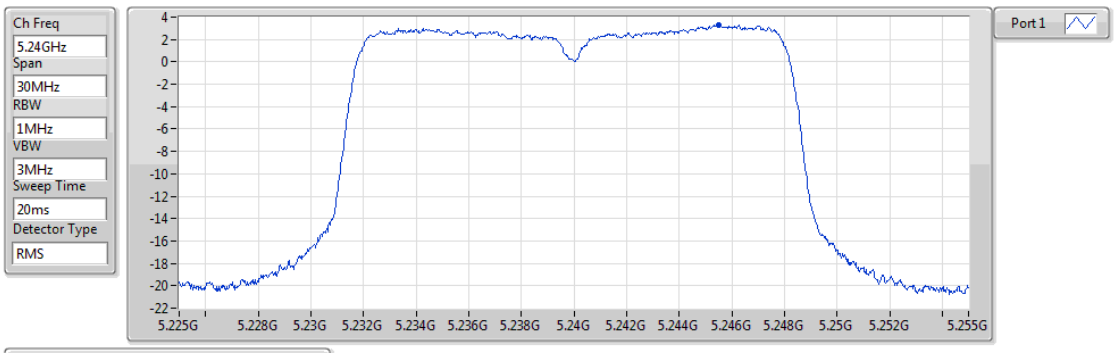
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.66	2.66	2.66

802.11a_(6Mbps)_1TX **PSD**

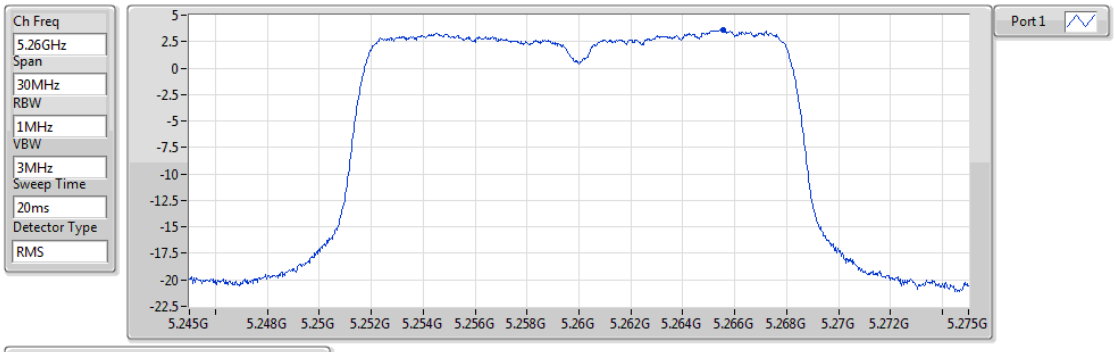
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	3.31

802.11a_(6Mbps)_1TX **PSD**

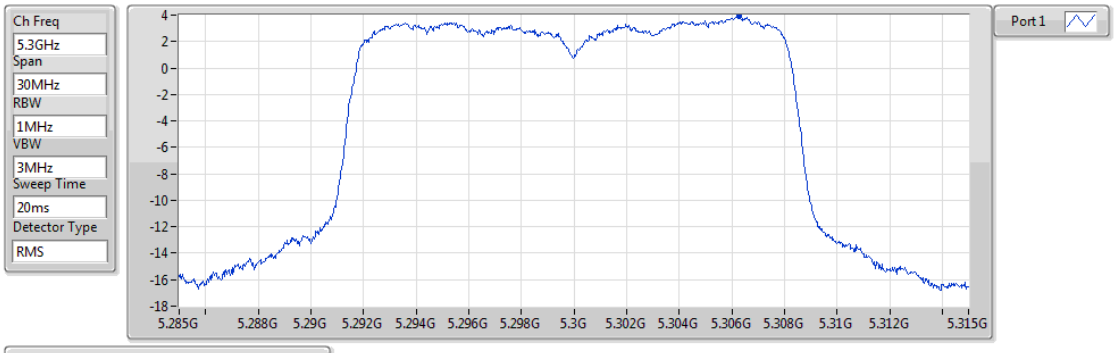
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	3.58

802.11a_(6Mbps)_1TX **PSD**

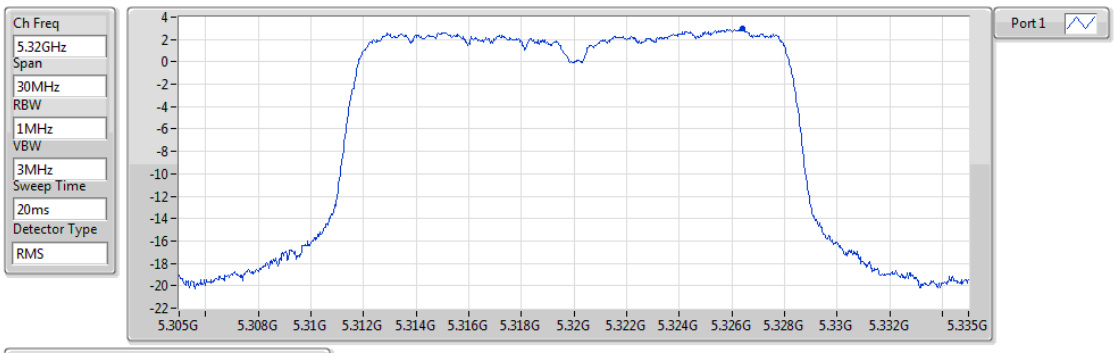
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

802.11a_(6Mbps)_1TX **PSD**

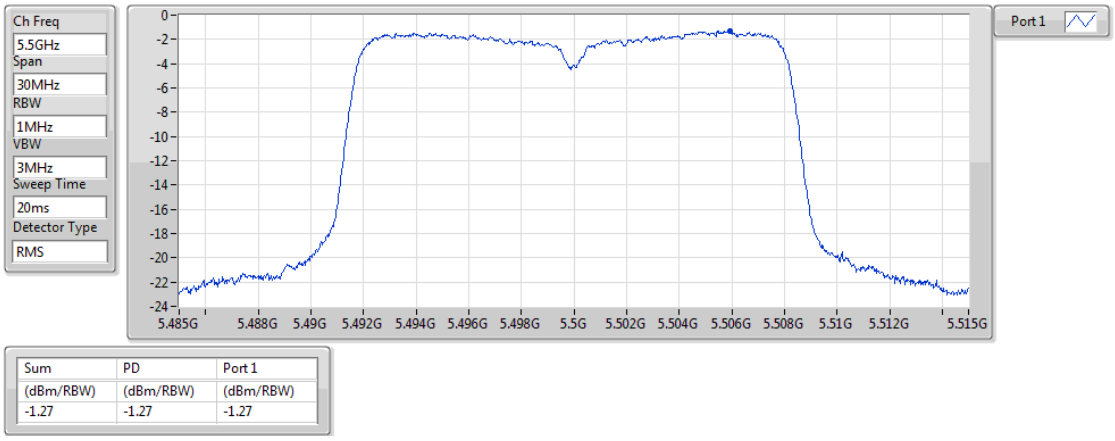
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	2.97

802.11a_(6Mbps)_1TX **PSD**

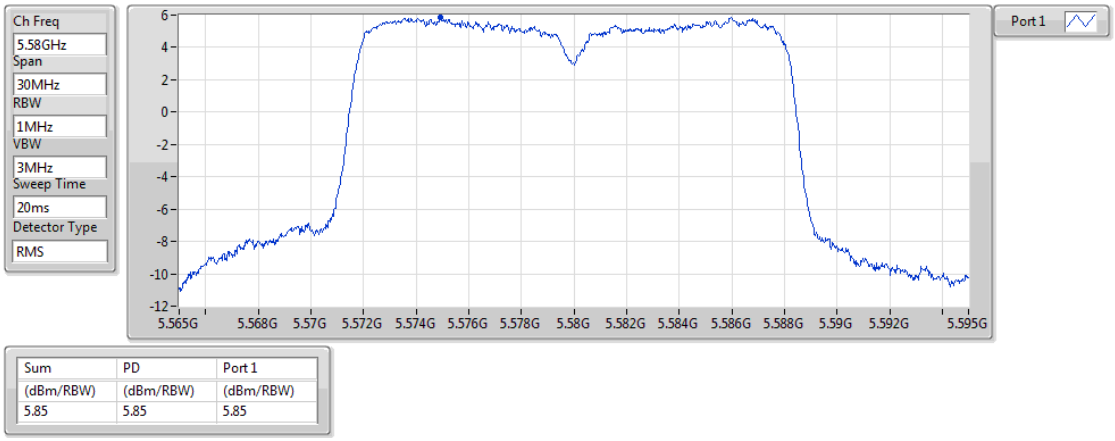
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.27	-1.27	-1.27

802.11a_(6Mbps)_1TX **PSD**

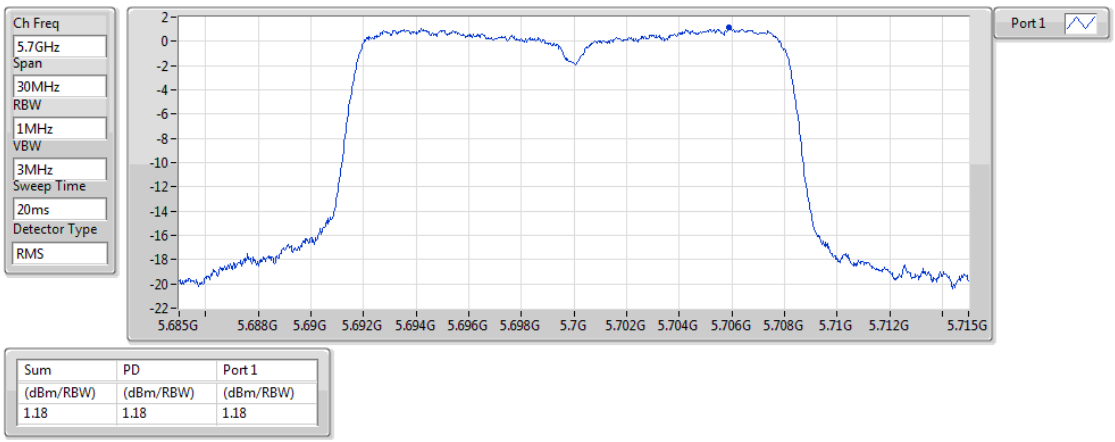
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	5.85

802.11a_(6Mbps)_1TX **PSD**

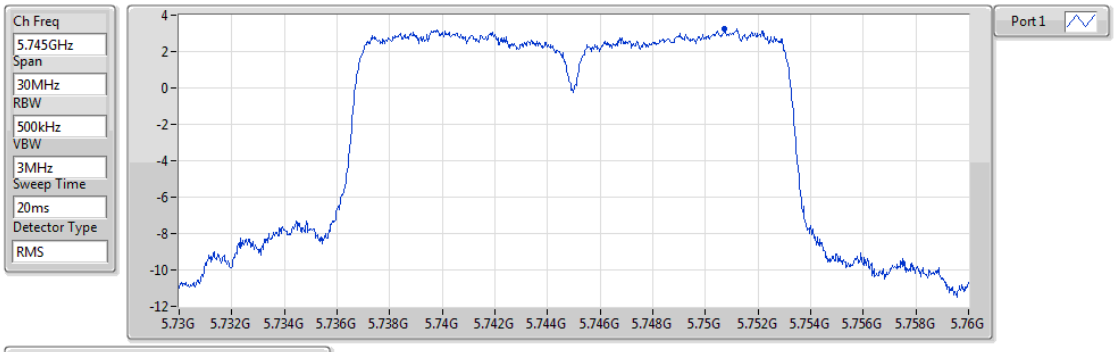
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.18	1.18	1.18

802.11a_(6Mbps)_1TX **PSD**

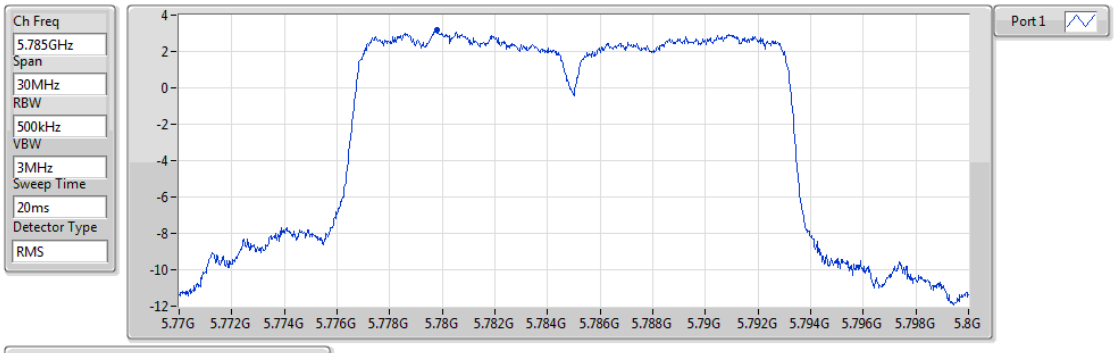
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	3.26

802.11a_(6Mbps)_1TX **PSD**

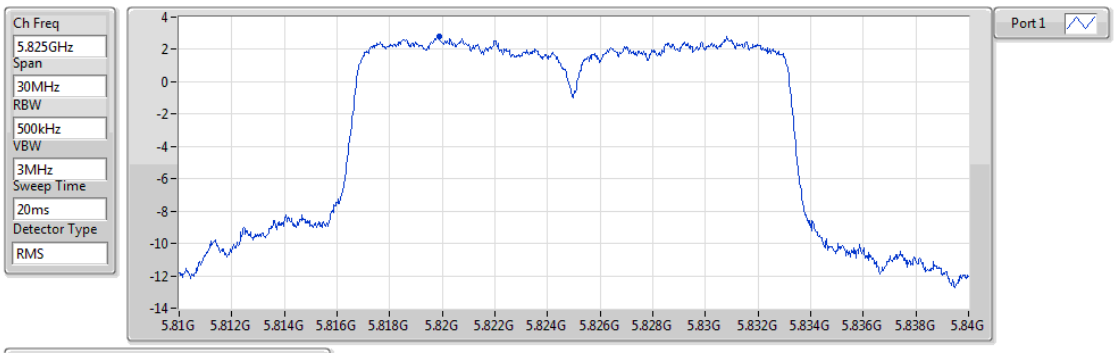
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	3.19

802.11a_(6Mbps)_1TX **PSD**

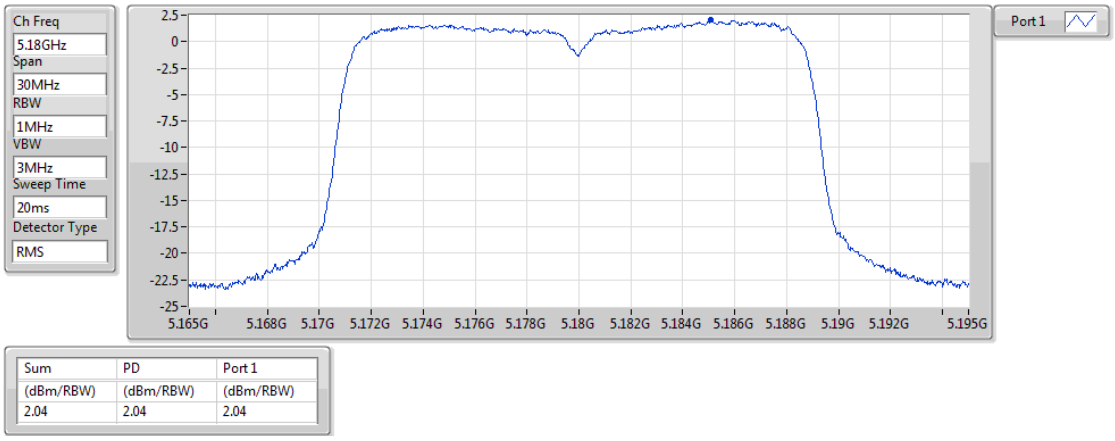
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	2.81

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

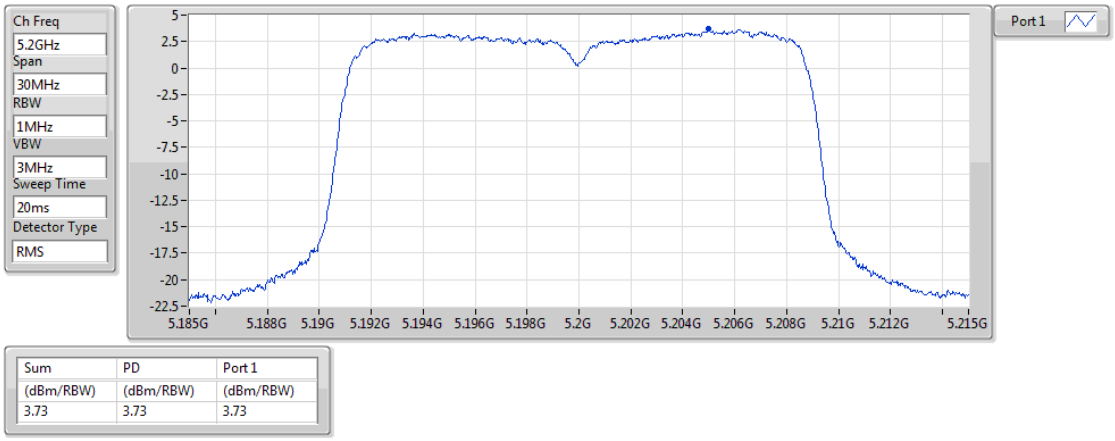
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.04	2.04	2.04

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

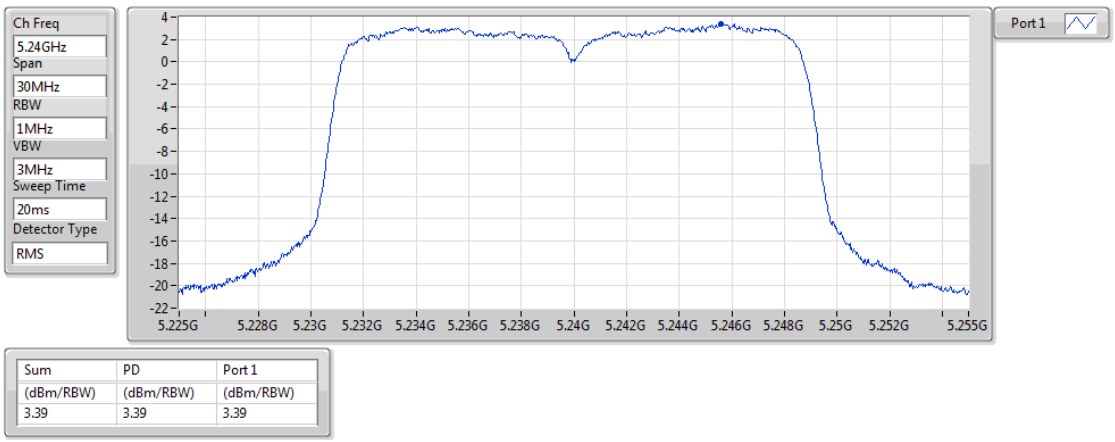
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.73	3.73	3.73

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

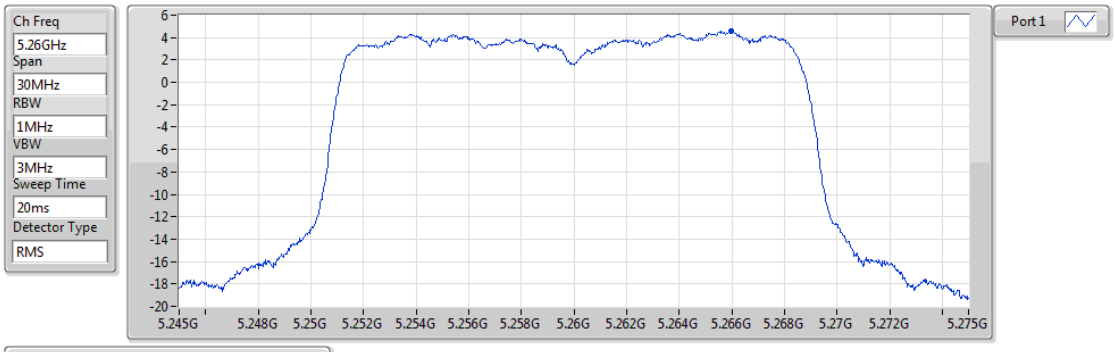
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	3.39

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

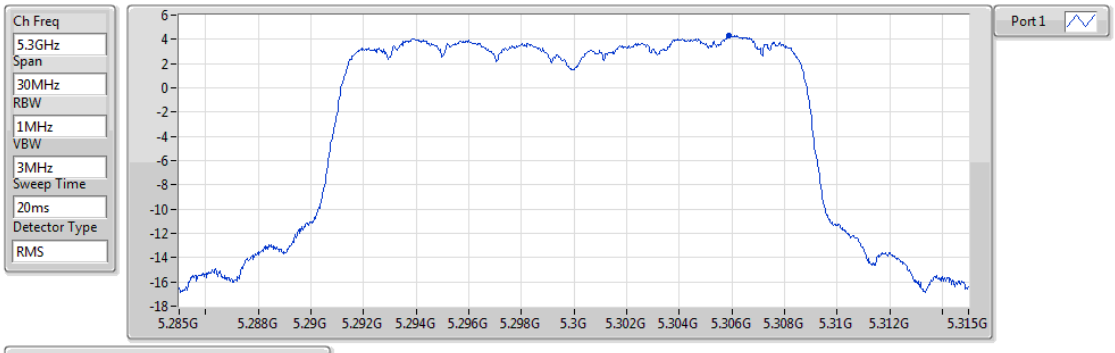
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	4.56

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

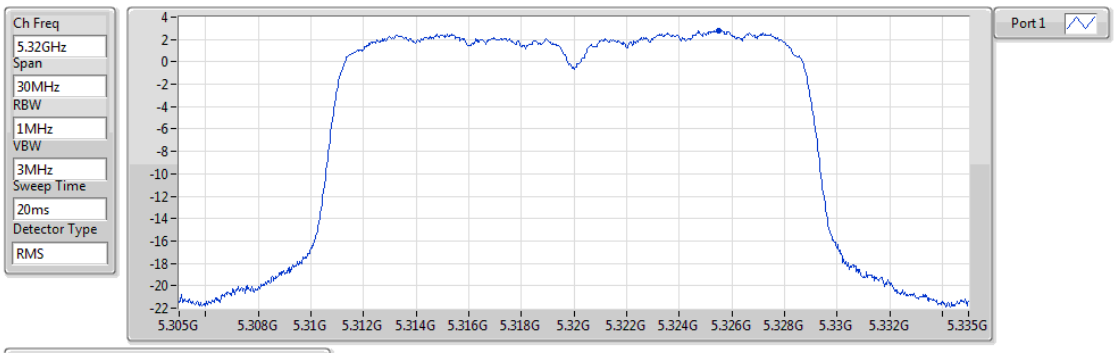
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.31	4.31	4.31

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

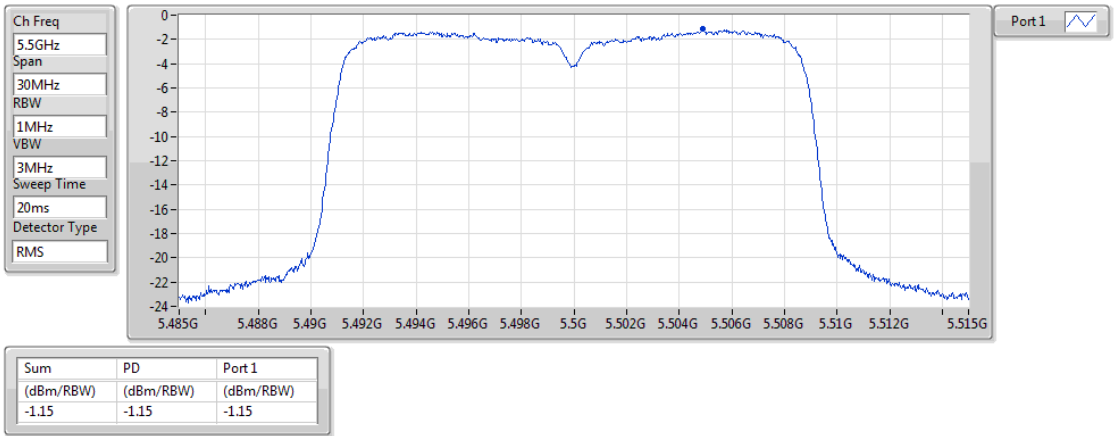
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	2.81

802.11n HT20_Nss1,(MCS0)_1TX PSD

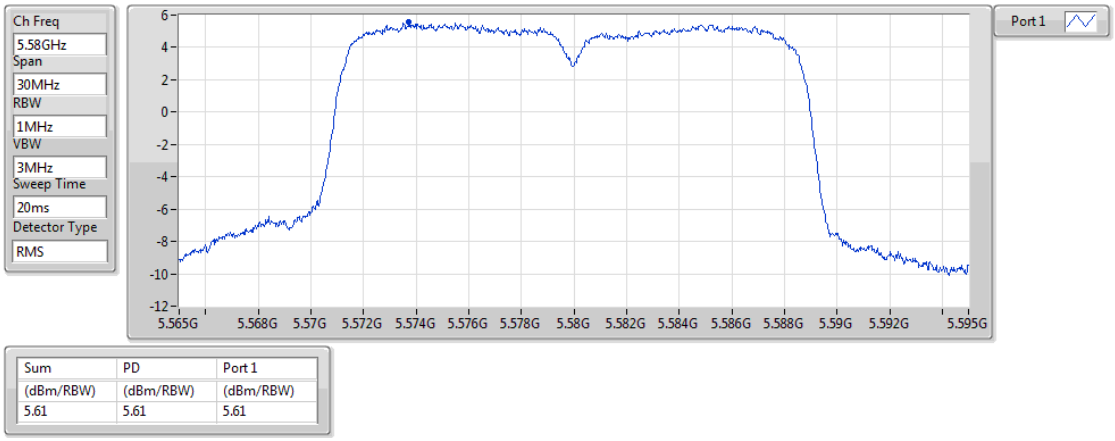
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.15	-1.15	-1.15

802.11n HT20_Nss1,(MCS0)_1TX PSD

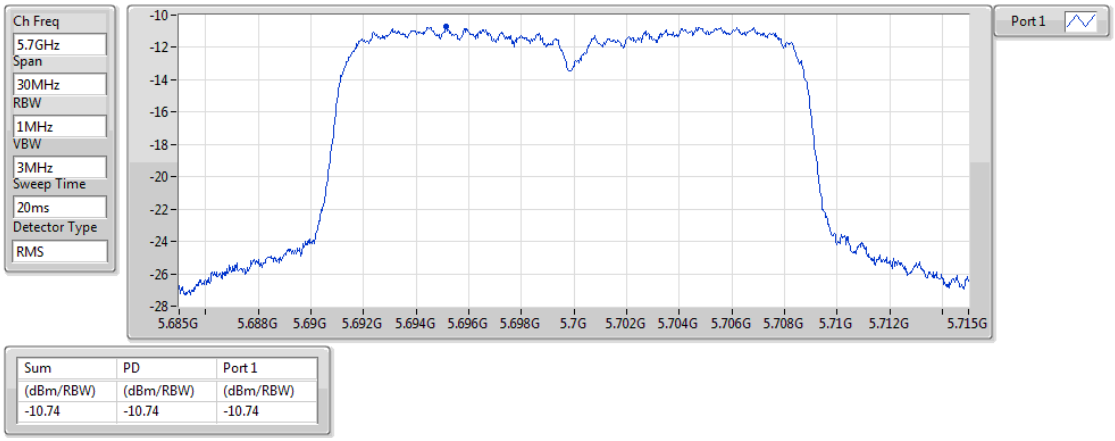
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	5.61

802.11n HT20_Nss1,(MCS0)_1TX PSD

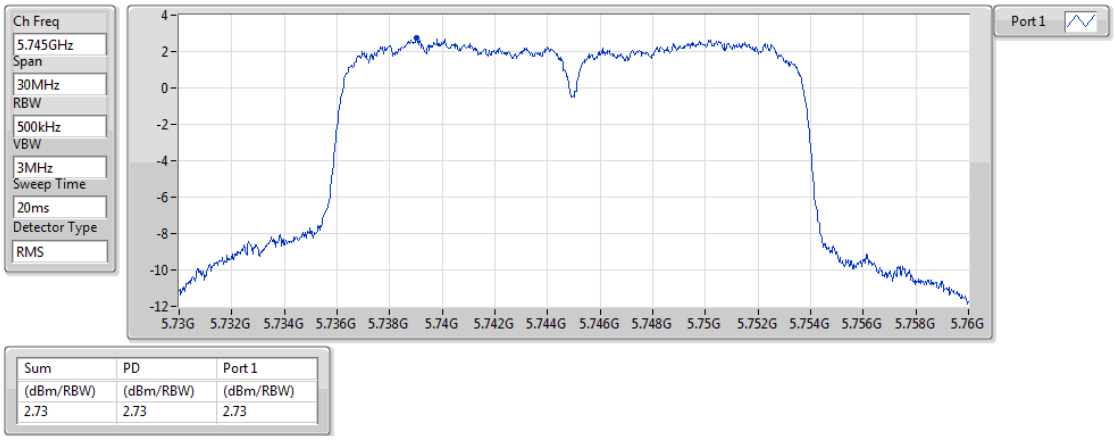
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.74	-10.74	-10.74

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

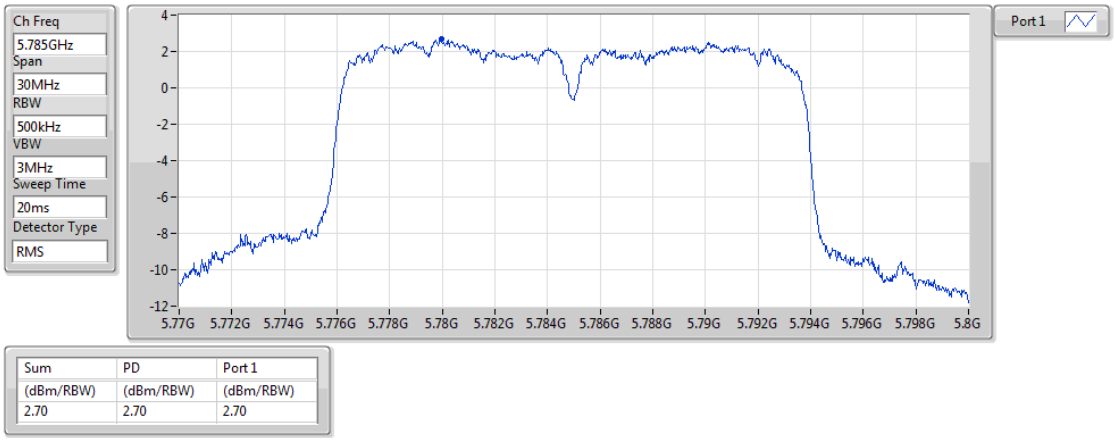
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	2.73

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

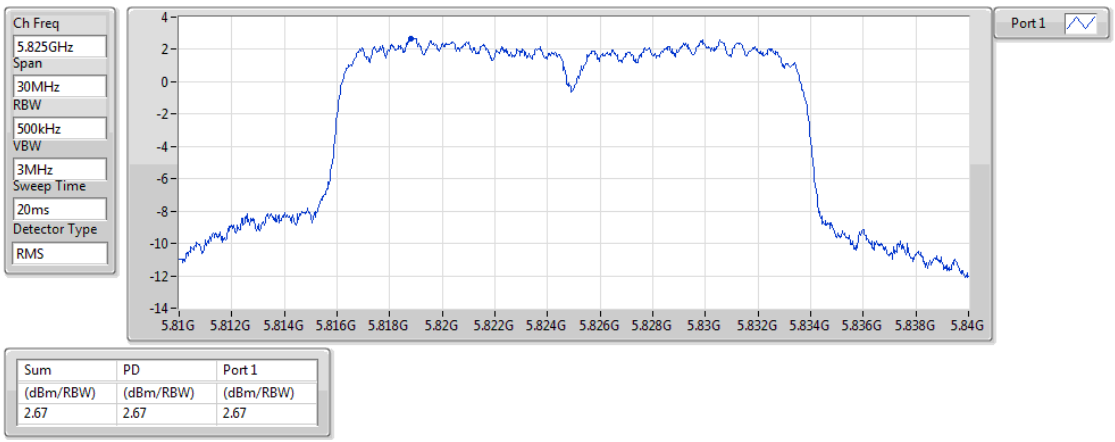
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	2.70

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

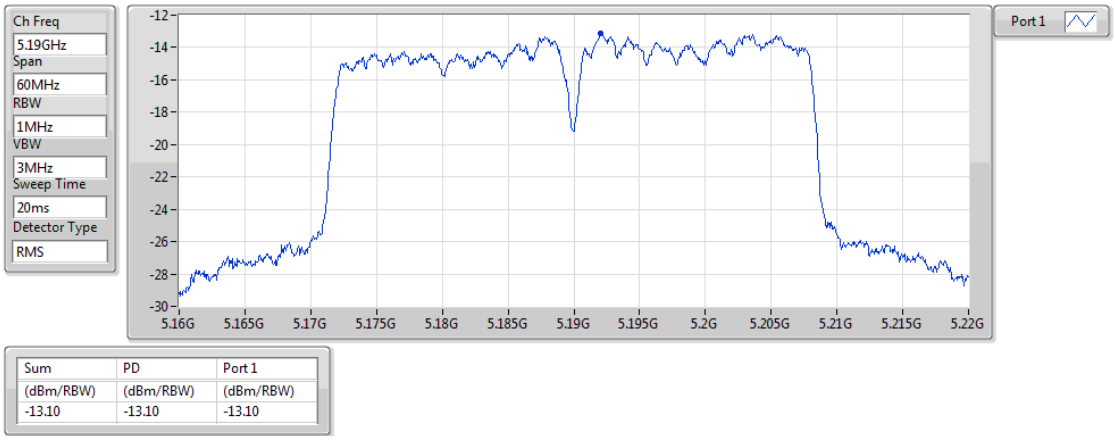
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	2.67

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

5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.10	-13.10	-13.10

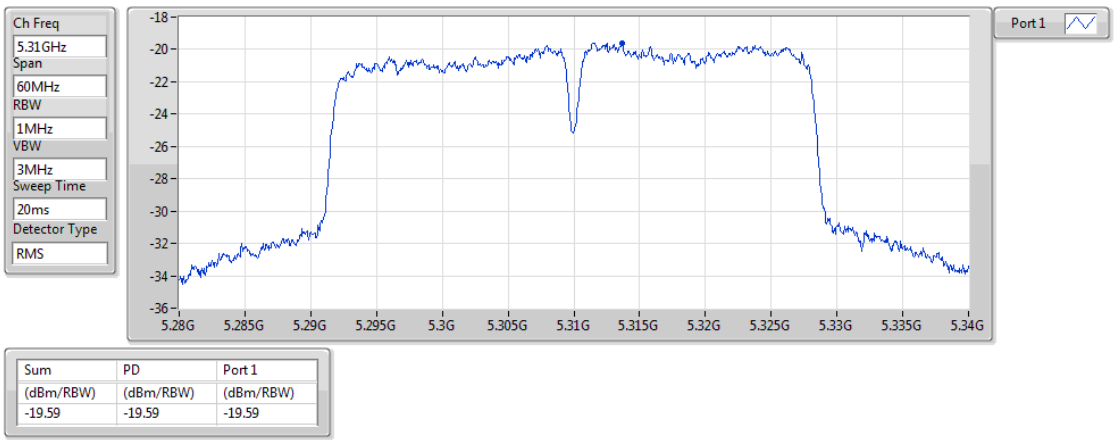
802.11n HT40_Nss1,(MCS0)_1TX **PSD**

5270MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.04	-3.04	-3.04

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

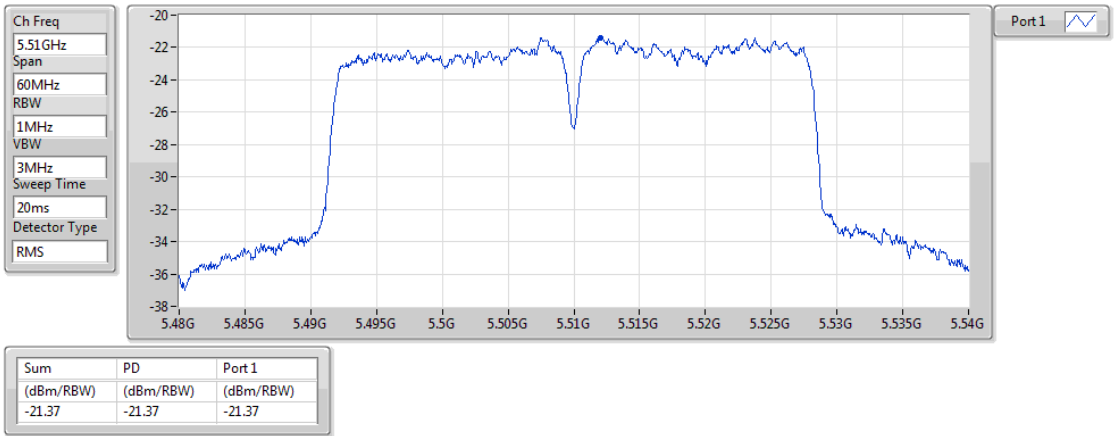
5310MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-19.59	-19.59	-19.59

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

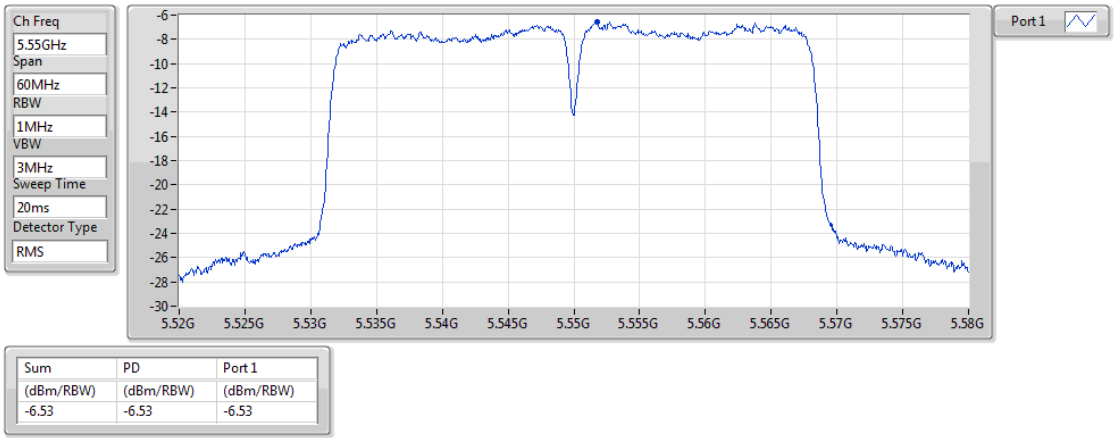
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.37	-21.37	-21.37

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

5550MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.53	-6.53	-6.53

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

5670MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.86	-9.86	-9.86

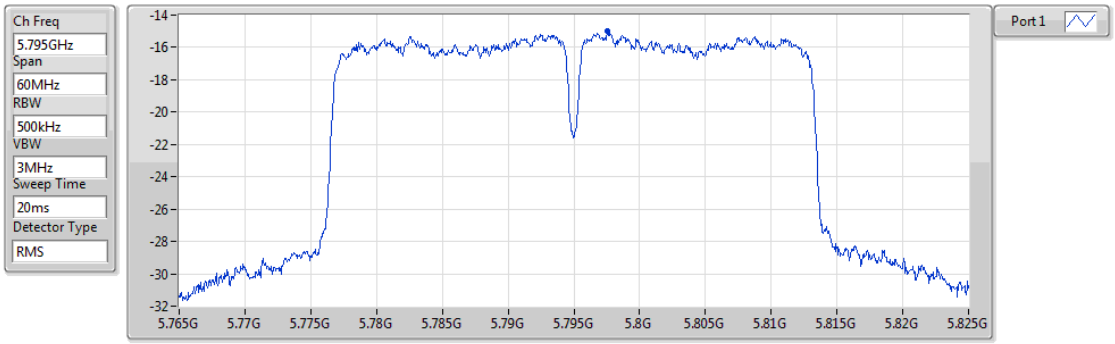
802.11n HT40_Nss1,(MCS0)_1TX **PSD**

5755MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.56	-21.56	-21.56

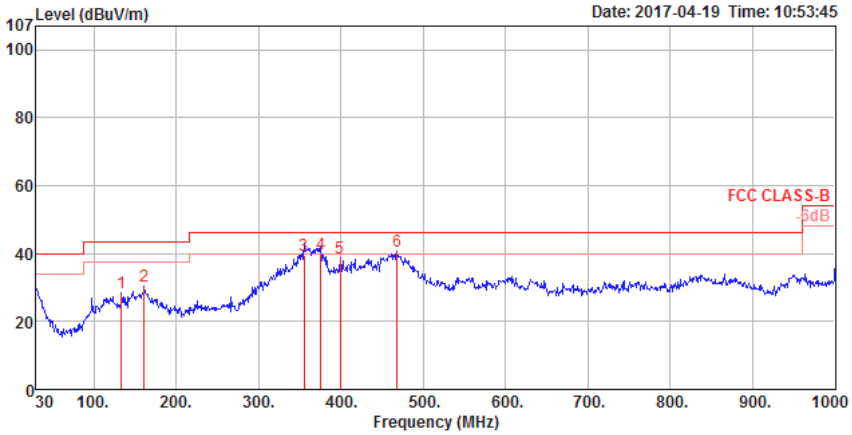
802.11n HT40_Nss1,(MCS0)_1TX **PSD**

5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.98	-14.98	-14.98

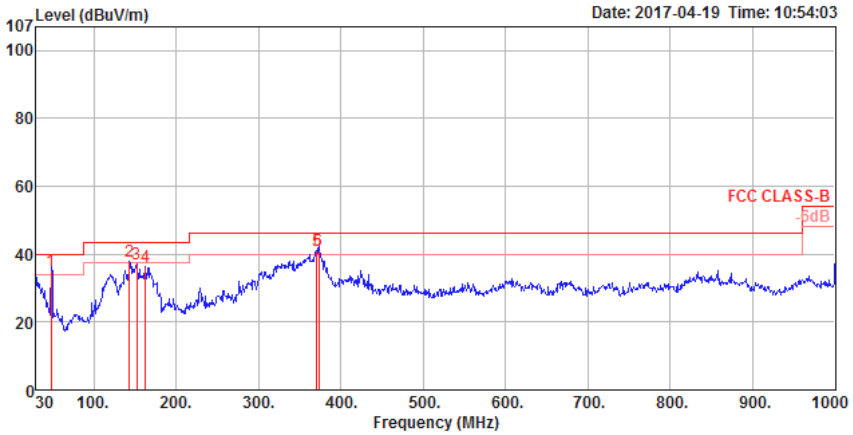
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	133.79	28.61	43.50	-14.89	46.25	0.91	18.13	36.68	100	192	Peak	HORIZONTAL
2	160.95	30.27	43.50	-13.23	49.68	1.01	16.32	36.74	100	214	Peak	HORIZONTAL
3	354.95	39.50	46.00	-6.50	53.99	1.47	21.23	37.19	100	358	QP	HORIZONTAL
4	375.32	40.01	46.00	-5.99	54.01	1.50	21.73	37.23	125	360	QP	HORIZONTAL
5	399.57	38.62	46.00	-7.38	52.08	1.54	22.27	37.27	100	360	Peak	HORIZONTAL
6	468.44	40.73	46.00	-5.27	53.19	1.69	23.22	37.37	150	334	Peak	HORIZONTAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	48.43	35.27	40.00	-4.73	55.50	0.61	15.43	36.27	102	246	QP	VERTICAL
2	143.49	37.99	43.50	-5.51	56.33	0.94	17.42	36.70	100	288	Peak	VERTICAL
3	152.22	37.19	43.50	-6.31	56.14	0.98	16.79	36.72	125	296	Peak	VERTICAL
4	162.89	36.29	43.50	-7.21	55.80	1.02	16.21	36.74	100	93	Peak	VERTICAL
5	370.47	41.18	46.00	-4.82	55.30	1.49	21.61	37.22	100	359	Peak	VERTICAL
6	373.38	40.94	46.00	-5.06	54.99	1.50	21.67	37.22	110	339	QP	VERTICAL

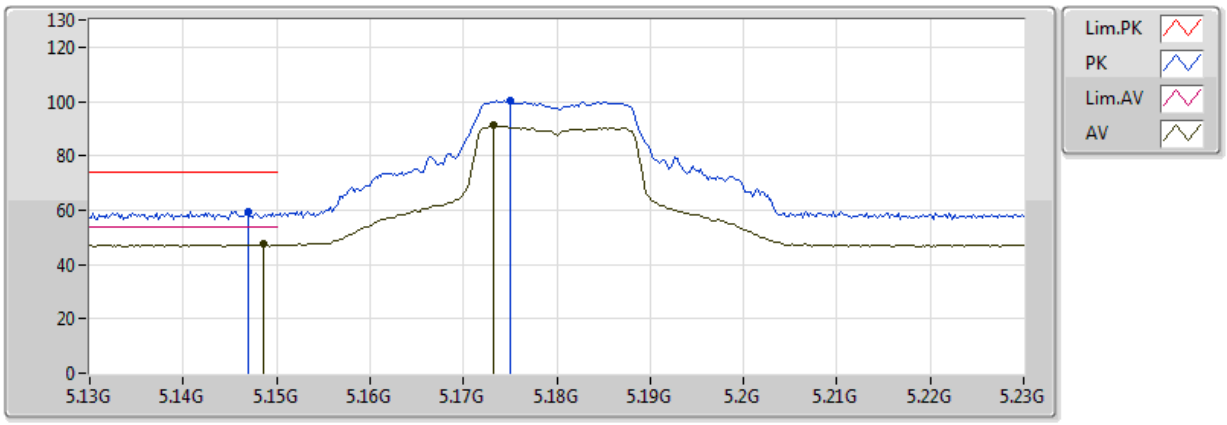
Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11a_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5.25-5.35GHz	Pass	PK	5.3502G	73.99	74.00	-0.01	9.34	3	H	349	1.71	-

802.11a_(6Mbps)_1TX

5180MHz_TX

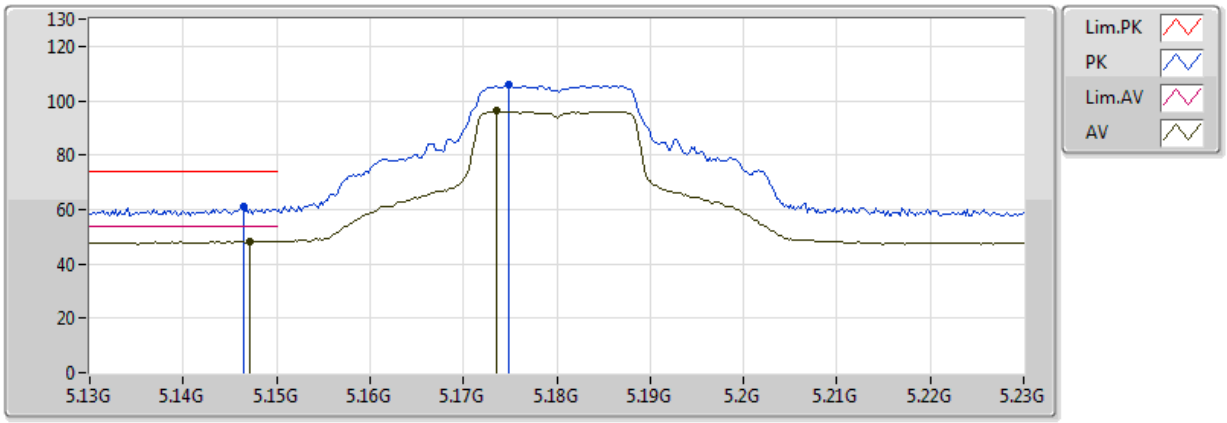


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1486G	47.37	54.00	-6.63	8.93	3	V	360	2.83	-
AV	5.1732G	91.10	Inf	-Inf	8.99	3	V	360	2.83	-
PK	5.147G	59.53	74.00	-14.47	8.92	3	V	360	2.83	-
PK	5.175G	100.37	Inf	-Inf	8.99	3	V	360	2.83	-

802.11a_(6Mbps)_1TX

5180MHz_TX

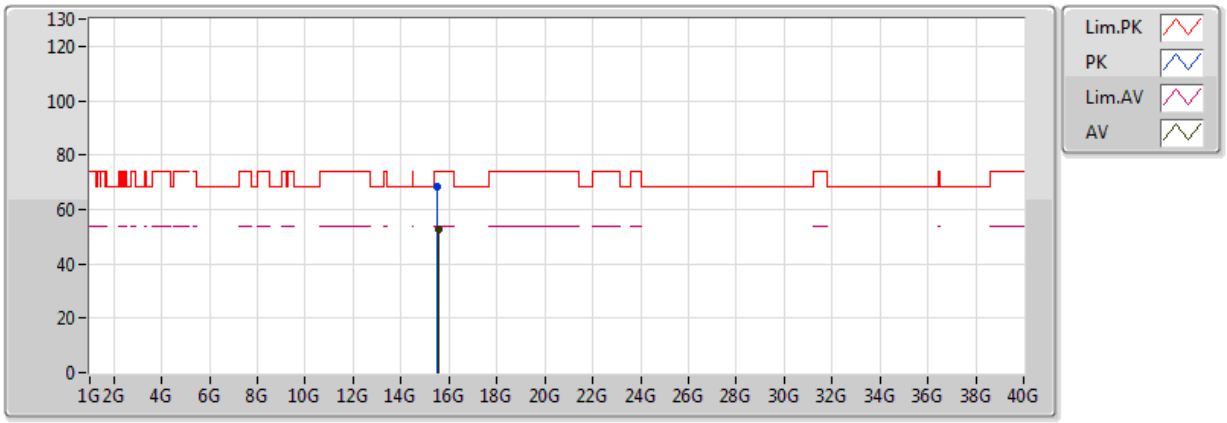


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1472G	48.36	54.00	-5.64	8.92	3	H	24	2.06	-
AV	5.1736G	96.14	Inf	-Inf	8.99	3	H	24	2.06	-
PK	5.1464G	61.30	74.00	-12.70	8.92	3	H	24	2.06	-
PK	5.1748G	105.67	Inf	-Inf	8.99	3	H	24	2.06	-

802.11a_(6Mbps)_1TX

5180MHz_TX

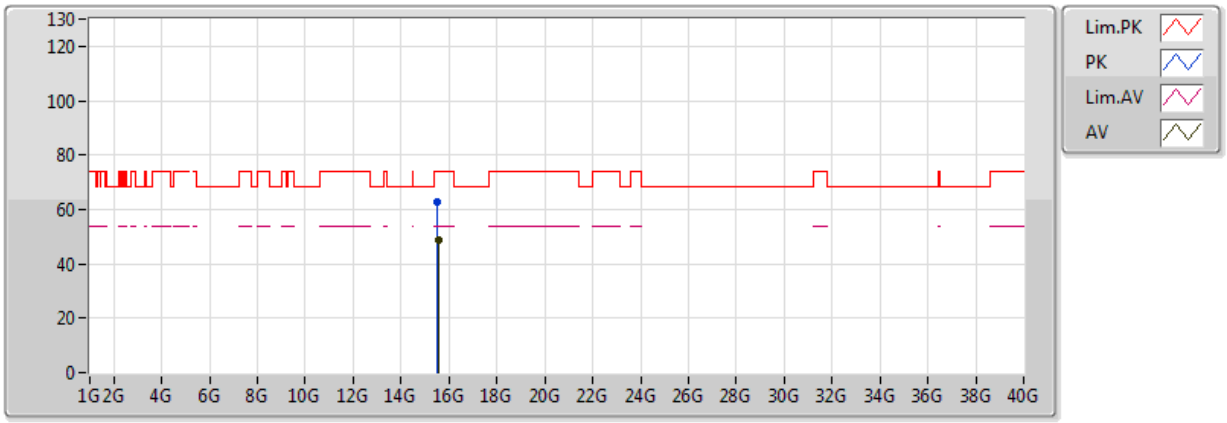


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5406G	52.72	54.00	-1.28	18.11	3	V	58	1.65	-
PK	15.535G	68.57	74.00	-5.43	18.13	3	V	58	1.65	-

802.11a_(6Mbps)_1TX

5180MHz_TX

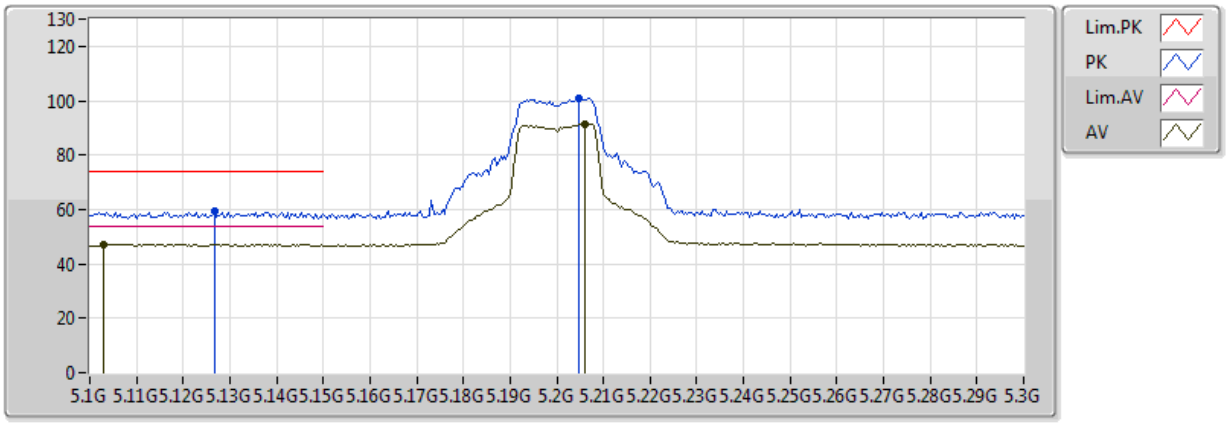


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54042G	48.90	54.00	-5.10	18.11	3	H	339	1.50	-
PK	15.53562G	62.77	74.00	-11.23	18.12	3	H	339	1.50	-

802.11a_(6Mbps)_1TX

5200MHz_TX

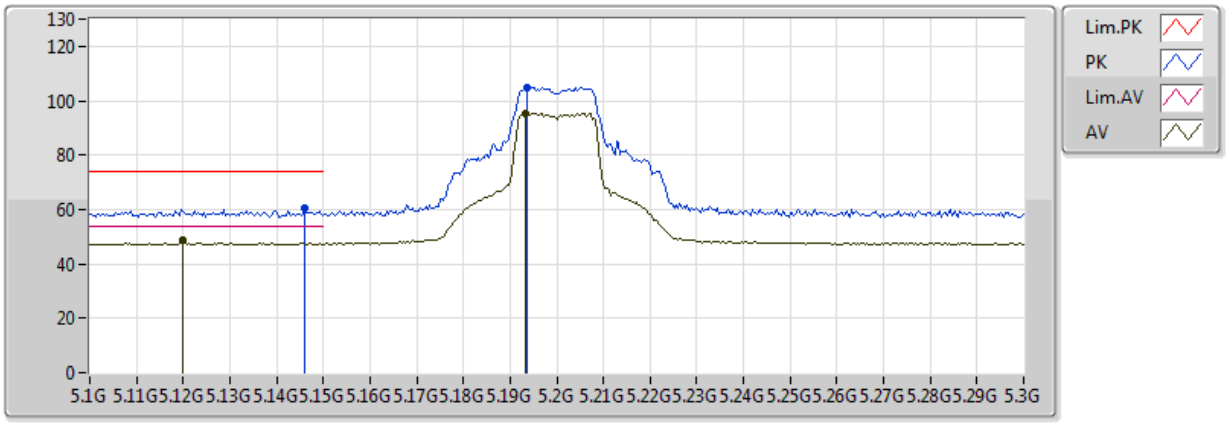


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1028G	47.31	54.00	-6.69	8.81	3	V	317	2.50	-
AV	5.206G	91.50	Inf	-Inf	9.07	3	V	317	2.50	-
PK	5.1268G	59.30	74.00	-14.70	8.87	3	V	317	2.50	-
PK	5.2048G	100.93	Inf	-Inf	9.07	3	V	317	2.50	-

802.11a_(6Mbps)_1TX

5200MHz_TX

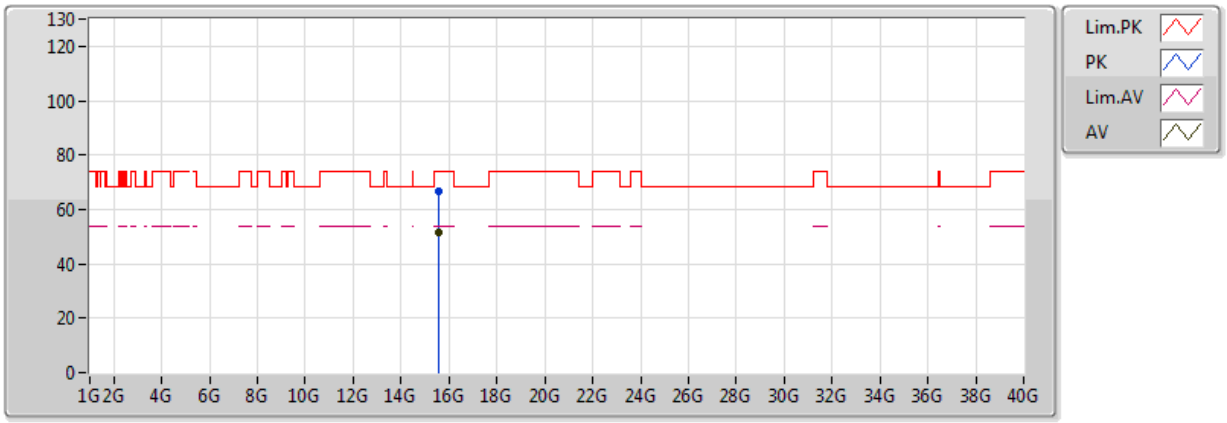


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12G	48.75	54.00	-5.25	8.85	3	H	27	2.06	-
AV	5.1932G	95.48	Inf	-Inf	9.04	3	H	27	2.06	-
PK	5.146G	60.71	74.00	-13.29	8.92	3	H	27	2.06	-
PK	5.1936G	104.73	Inf	-Inf	9.04	3	H	27	2.06	-

802.11a_(6Mbps)_1TX

5200MHz_TX

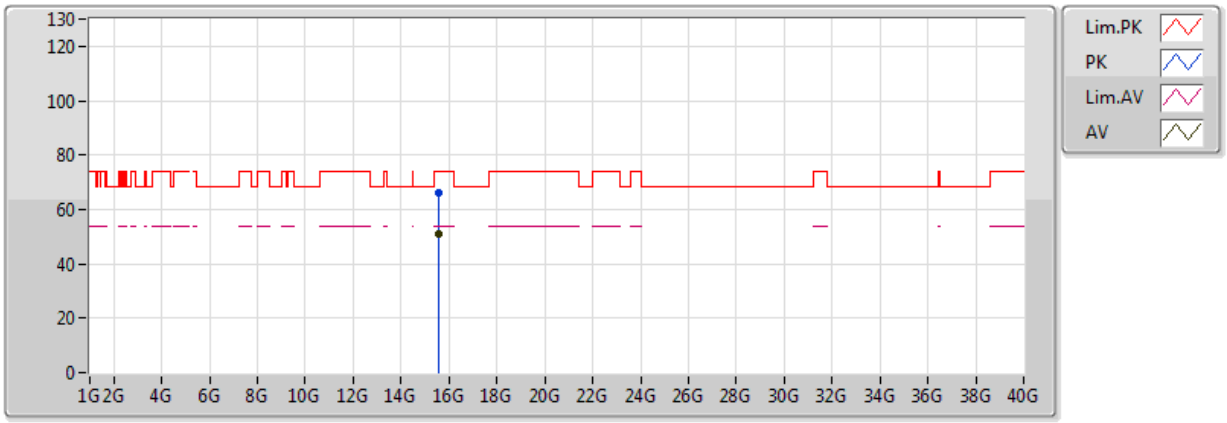


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60016G	51.69	54.00	-2.31	17.96	3	V	38	1.60	-
PK	15.59572G	66.53	74.00	-7.47	17.97	3	V	38	1.60	-

802.11a_(6Mbps)_1TX

5200MHz_TX

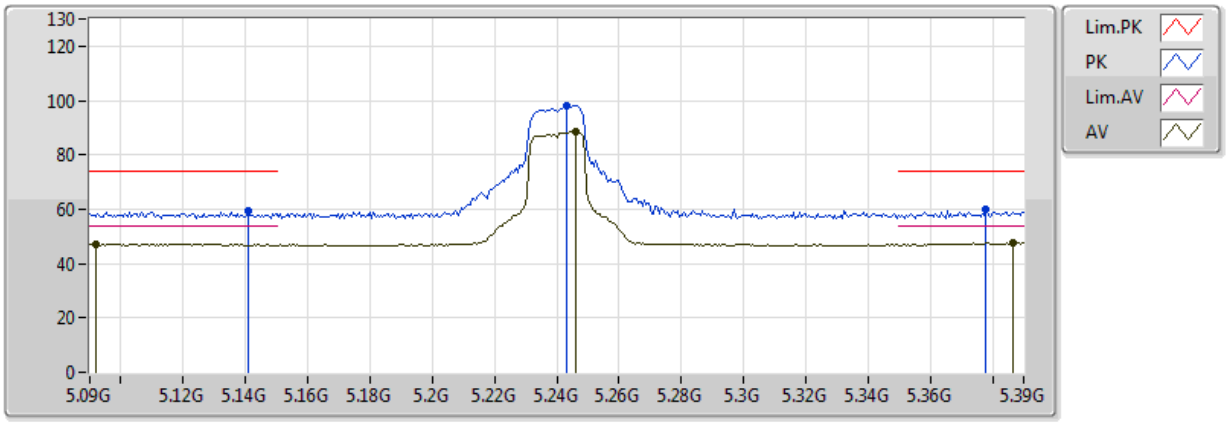


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60068G	50.72	54.00	-3.28	17.96	3	H	20	2.60	-
PK	15.59496G	66.03	74.00	-7.97	17.97	3	H	20	2.60	-

802.11a_(6Mbps)_1TX

5240MHz_TX

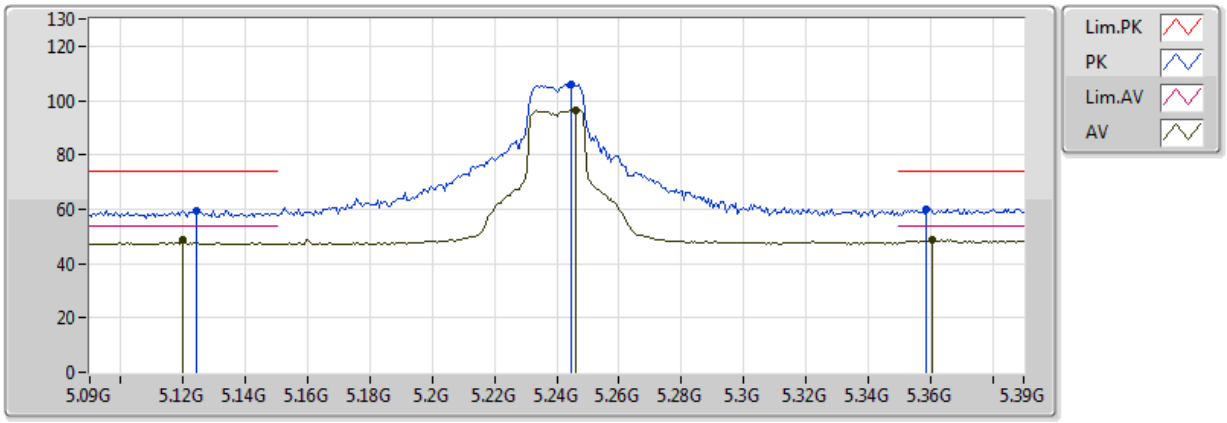


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0918G	47.16	54.00	-6.84	8.78	3	V	32	2.89	-
AV	5.246G	88.80	Inf	-Inf	9.15	3	V	32	2.89	-
AV	5.3864G	47.62	54.00	-6.38	9.41	3	V	32	2.89	-
PK	5.141G	59.47	74.00	-14.53	8.91	3	V	32	2.89	-
PK	5.243G	97.99	Inf	-Inf	9.14	3	V	32	2.89	-
PK	5.378G	59.89	74.00	-14.11	9.39	3	V	32	2.89	-

802.11a_(6Mbps)_1TX

5240MHz_TX

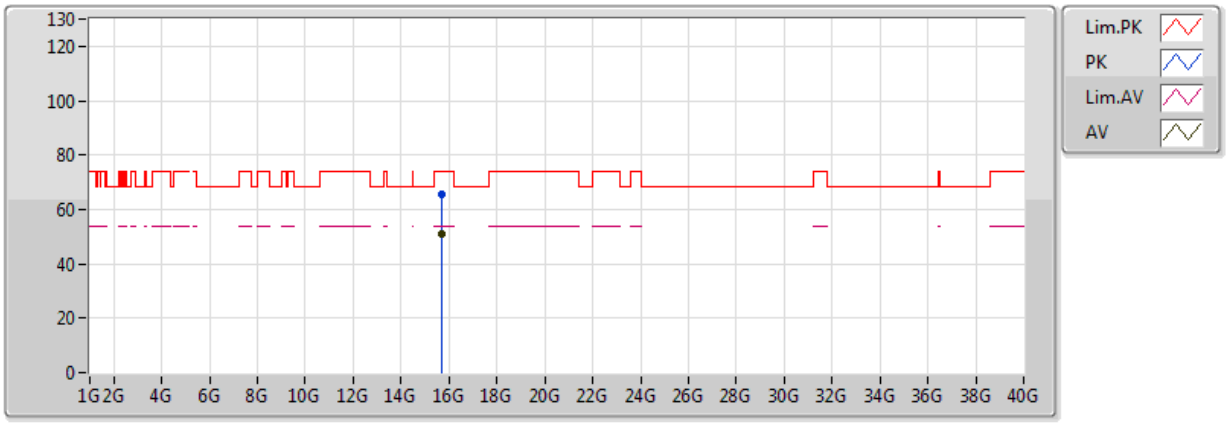


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12G	48.49	54.00	-5.51	8.85	3	H	15	1.89	-
AV	5.246G	96.51	Inf	-Inf	9.15	3	H	15	1.89	-
AV	5.3606G	48.76	54.00	-5.24	9.36	3	H	15	1.89	-
PK	5.1242G	59.53	74.00	-14.47	8.86	3	H	15	1.89	-
PK	5.2448G	106.02	Inf	-Inf	9.15	3	H	15	1.89	-
PK	5.3588G	60.15	74.00	-13.85	9.36	3	H	15	1.89	-

802.11a_(6Mbps)_1TX

5240MHz_TX

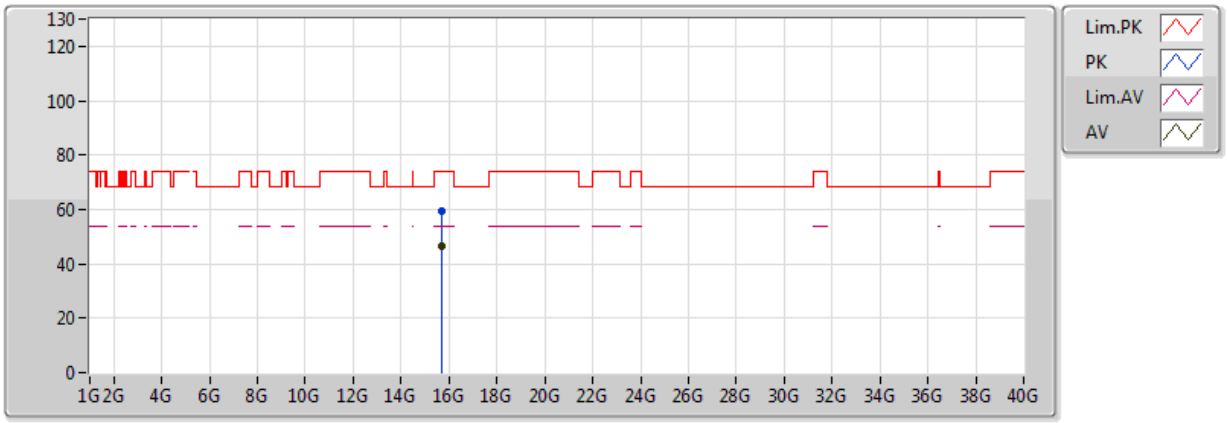


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72284G	51.03	54.00	-2.97	17.64	3	V	45	1.50	-
PK	15.71512G	65.39	74.00	-8.61	17.66	3	V	45	1.50	-

802.11a_(6Mbps)_1TX

5240MHz_TX

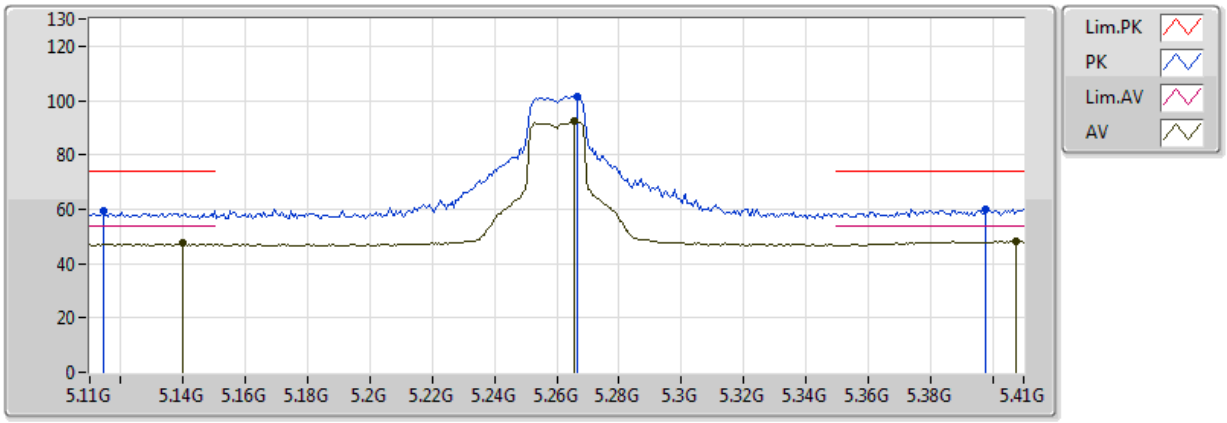


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.719G	46.26	54.00	-7.74	17.65	3	H	13	1.96	-
PK	15.71356G	59.51	74.00	-14.49	17.67	3	H	13	1.96	-

802.11a_(6Mbps)_1TX

5260MHz_TX

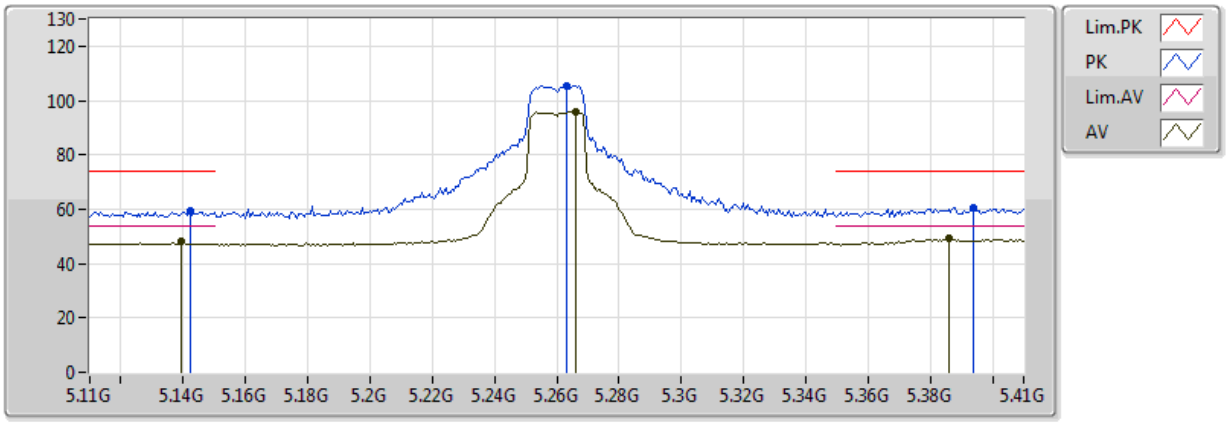


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14G	47.55	54.00	-6.45	8.90	3	V	360	3.00	-
AV	5.2654G	92.19	Inf	-Inf	9.18	3	V	360	3.00	-
AV	5.4076G	48.20	54.00	-5.80	9.45	3	V	360	3.00	-
PK	5.1142G	59.16	74.00	-14.84	8.84	3	V	360	3.00	-
PK	5.2666G	101.63	Inf	-Inf	9.19	3	V	360	3.00	-
PK	5.398G	60.19	74.00	-13.81	9.43	3	V	360	3.00	-

802.11a_(6Mbps)_1TX

5260MHz_TX

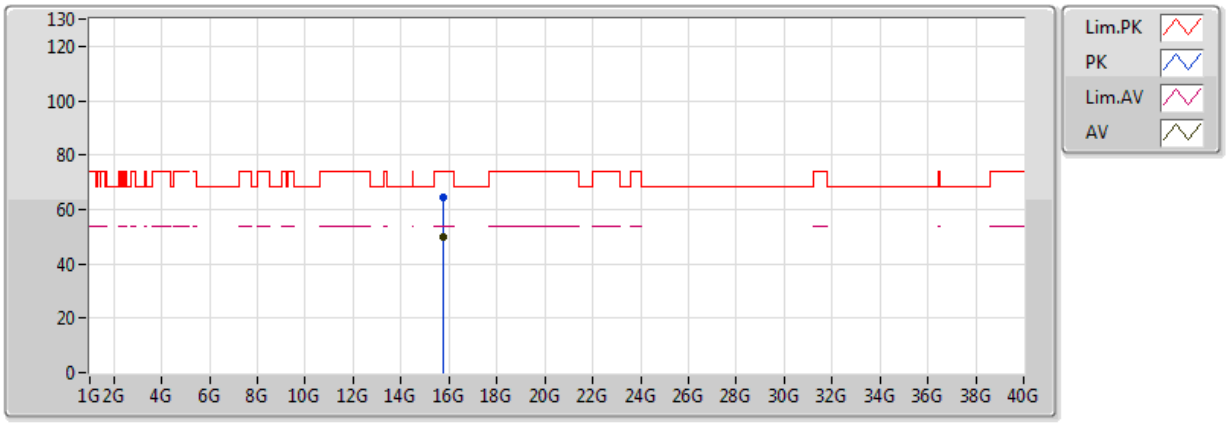


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1394G	48.43	54.00	-5.57	8.90	3	H	16	2.74	-
AV	5.266G	96.05	Inf	-Inf	9.19	3	H	16	2.74	-
AV	5.386G	49.10	54.00	-4.90	9.40	3	H	16	2.74	-
PK	5.1424G	59.14	74.00	-14.86	8.91	3	H	16	2.74	-
PK	5.263G	105.46	Inf	-Inf	9.18	3	H	16	2.74	-
PK	5.3938G	60.54	74.00	-13.46	9.42	3	H	16	2.74	-

802.11a_(6Mbps)_1TX

5260MHz_TX

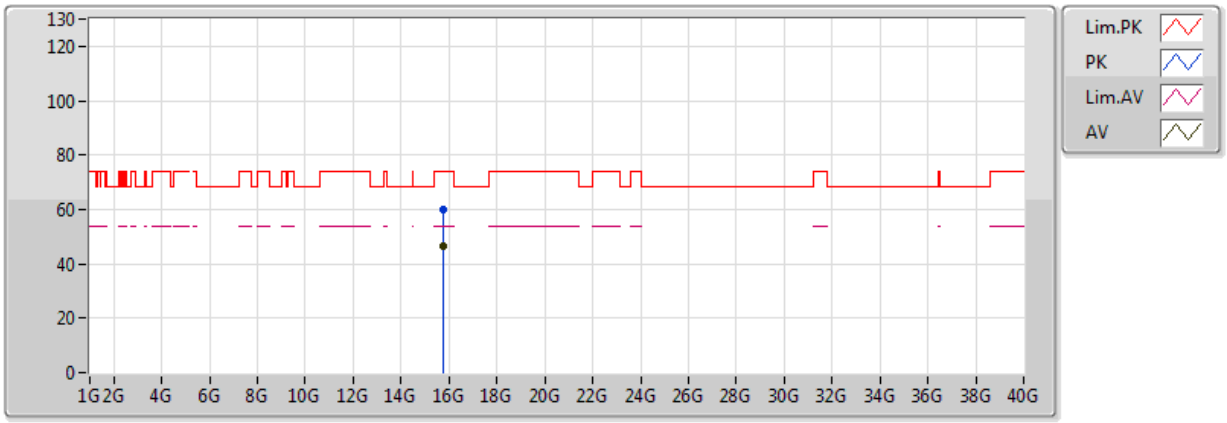


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7806G	49.92	54.00	-4.08	17.49	3	V	41	1.58	-
PK	15.77704G	64.20	74.00	-9.80	17.50	3	V	41	1.58	-

802.11a_(6Mbps)_1TX

5260MHz_TX

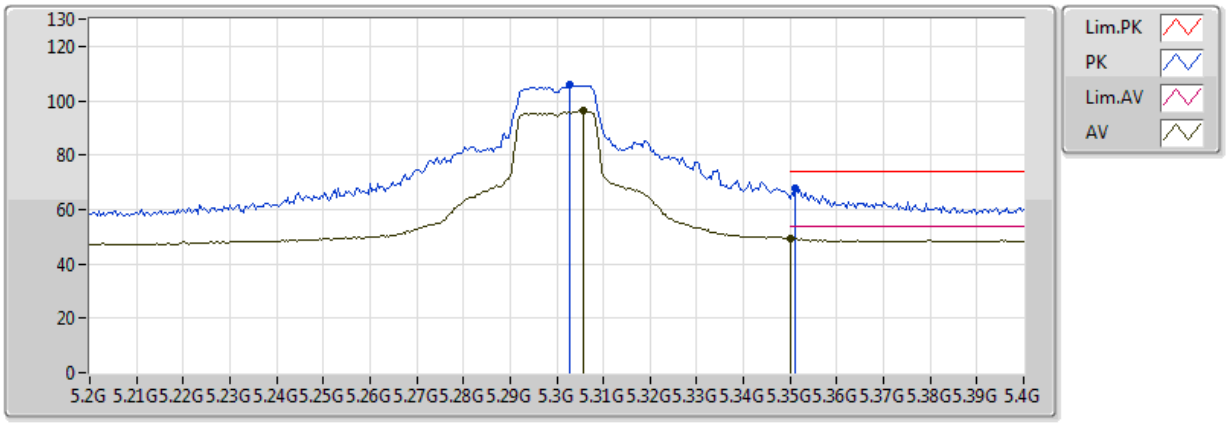


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.77456G	46.66	54.00	-7.34	17.51	3	H	110	2.44	-
PK	15.77984G	59.85	74.00	-14.15	17.50	3	H	110	2.44	-

802.11a_(6Mbps)_1TX

5300MHz_TX

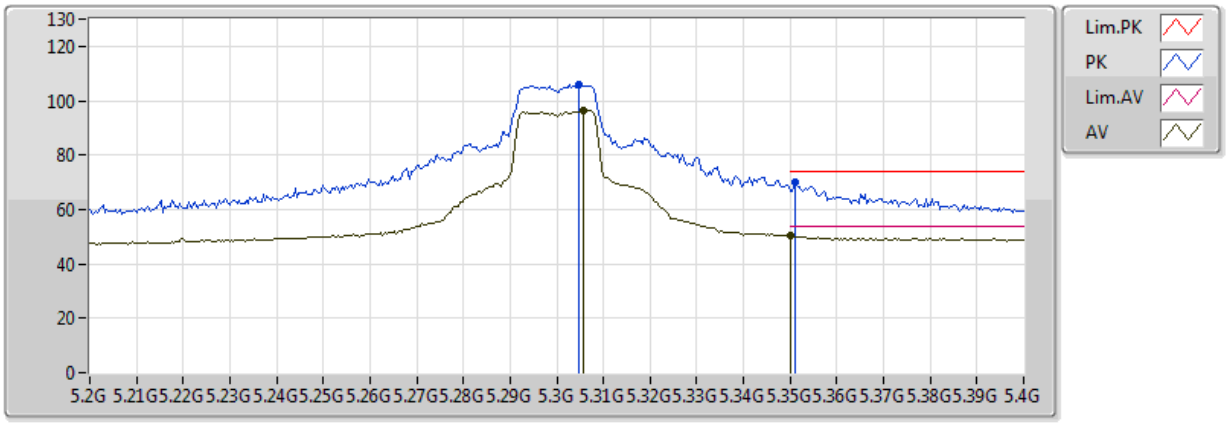


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3056G	96.17	Inf	-Inf	9.26	3	V	42	2.71	-
AV	5.350005G	49.35	54.00	-4.65	9.34	3	V	42	2.71	-
PK	5.3028G	105.88	Inf	-Inf	9.26	3	V	42	2.71	-
PK	5.3512G	67.79	74.00	-6.21	9.34	3	V	42	2.71	-

802.11a_(6Mbps)_1TX

5300MHz_TX

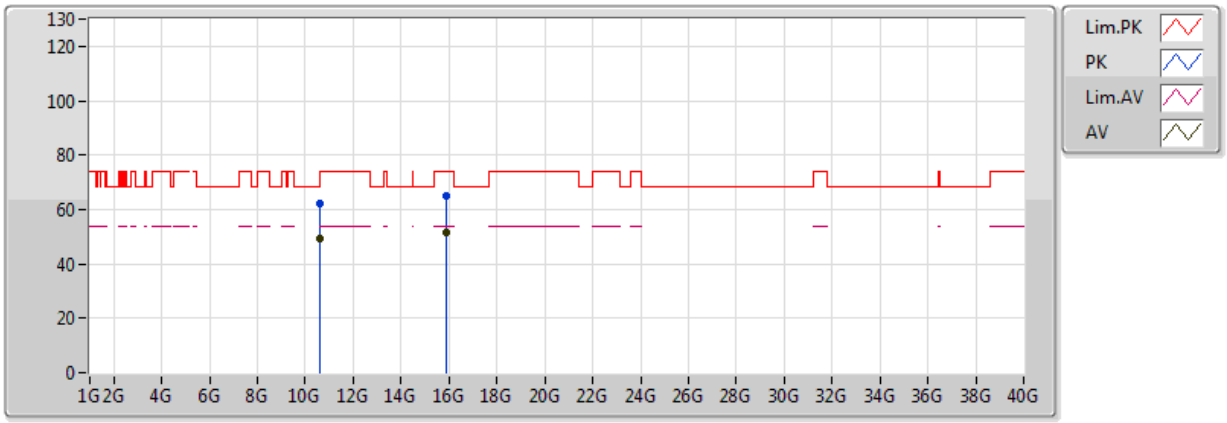


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3056G	96.20	Inf	-Inf	9.26	3	H	19	2.06	-
AV	5.350005G	50.34	54.00	-3.66	9.34	3	H	19	2.06	-
PK	5.3048G	105.77	Inf	-Inf	9.26	3	H	19	2.06	-
PK	5.3512G	70.14	74.00	-3.86	9.34	3	H	19	2.06	-

802.11a_(6Mbps)_1TX

5300MHz_TX

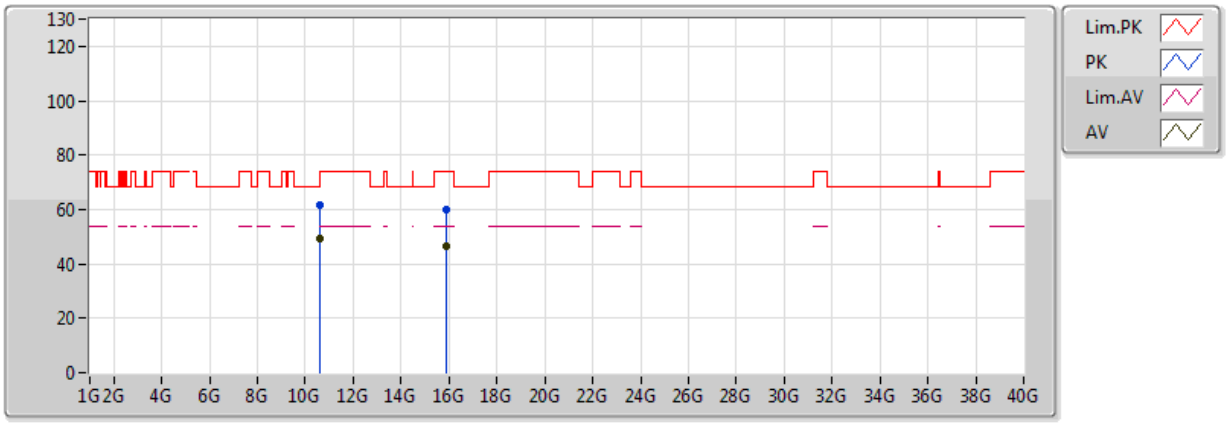


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60016G	49.49	54.00	-4.51	15.92	3	V	306	1.45	-
AV	15.90156G	51.33	54.00	-2.67	17.18	3	V	31	1.50	-
PK	10.601G	62.33	74.00	-11.67	15.92	3	V	306	1.45	-
PK	15.9046G	64.88	74.00	-9.12	17.18	3	V	31	1.50	-

802.11a_(6Mbps)_1TX

5300MHz_TX

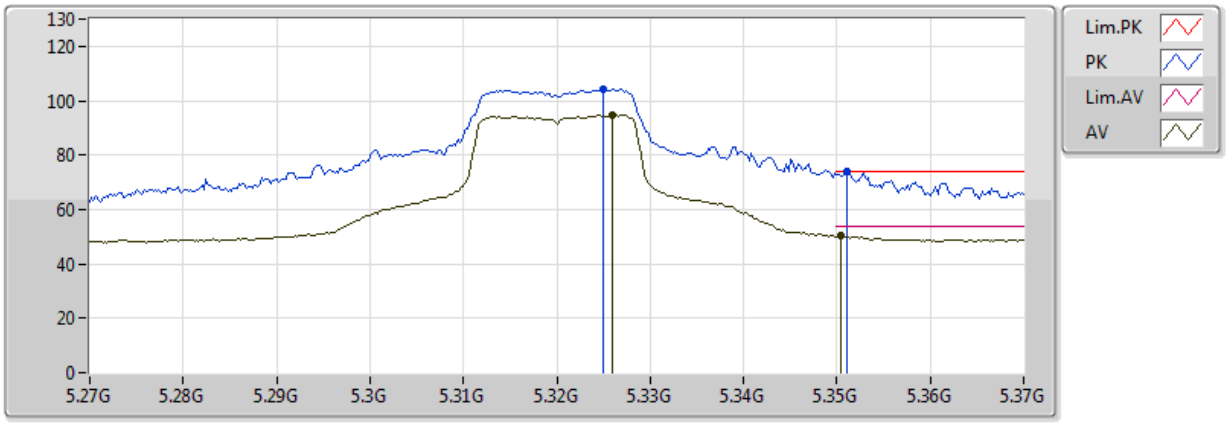


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60004G	49.21	54.00	-4.79	15.92	3	H	231	1.67	-
AV	15.89904G	46.76	54.00	-7.24	17.19	3	H	6	1.67	-
PK	10.60003G	61.66	74.00	-12.34	15.92	3	H	231	1.67	-
PK	15.90504G	60.13	74.00	-13.87	17.19	3	H	6	1.67	-

802.11a_(6Mbps)_1TX

5320MHz_TX

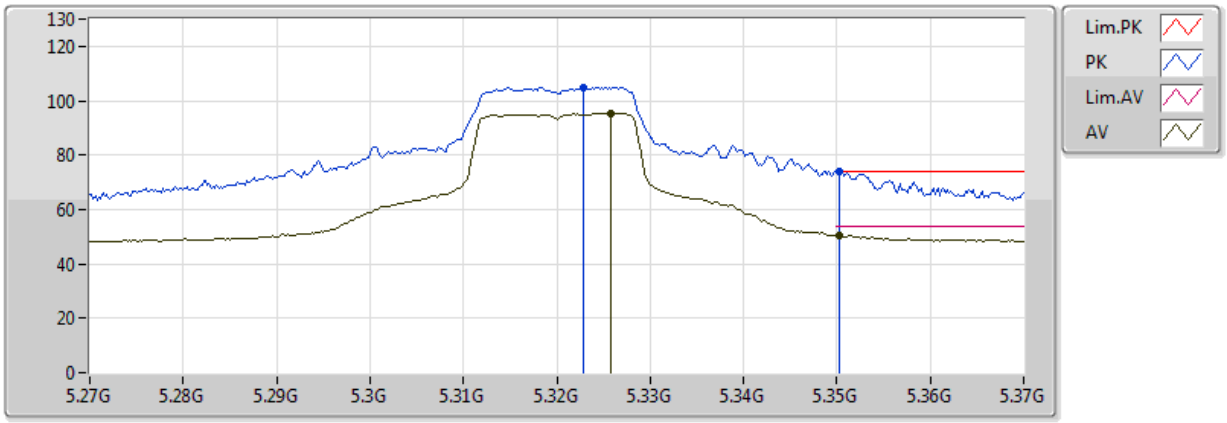


20170413
EUT Y 1TX
Setting 56
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.326G	94.69	Inf	-Inf	9.30	3	V	35	1.72	-
AV	5.3504G	50.32	54.00	-3.68	9.34	3	V	35	1.72	-
PK	5.325G	104.18	Inf	-Inf	9.29	3	V	35	1.72	-
PK	5.351G	73.93	74.00	-0.07	9.34	3	V	35	1.72	-

802.11a_(6Mbps)_1TX

5320MHz_TX

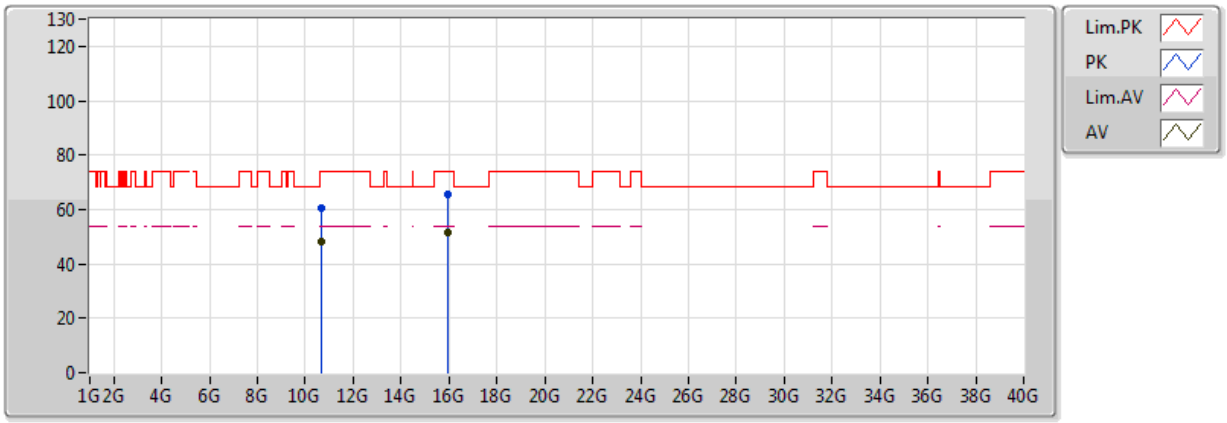


20170413
EUT Y 1TX
Setting 56
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3258G	95.39	Inf	-Inf	9.30	3	H	349	1.71	-
AV	5.3502G	50.65	54.00	-3.35	9.34	3	H	349	1.71	-
PK	5.3228G	105.06	Inf	-Inf	9.29	3	H	349	1.71	-
PK	5.3502G	73.99	74.00	-0.01	9.34	3	H	349	1.71	-

802.11a_(6Mbps)_1TX

5320MHz_TX

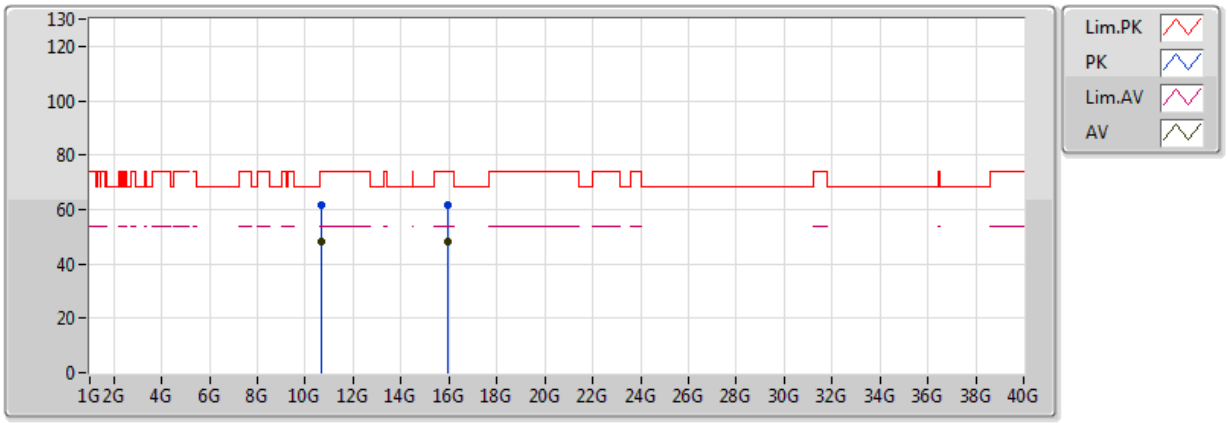


20170413
EUT Y 1TX
Setting 56
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64008G	48.22	54.00	-5.78	15.91	3	V	24	1.83	-
AV	15.95672G	51.72	54.00	-2.28	17.04	3	V	30	1.50	-
PK	10.64064G	60.64	74.00	-13.36	15.91	3	V	24	1.83	-
PK	15.95532G	65.64	74.00	-8.36	17.04	3	V	30	1.50	-

802.11a_(6Mbps)_1TX

5320MHz_TX

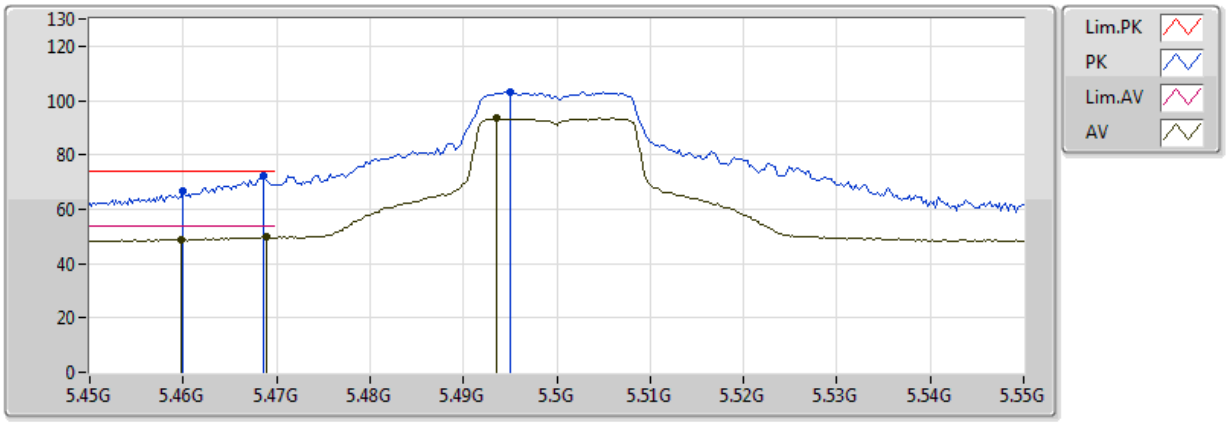


20170413
EUT Y 1TX
Setting 56
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.63988G	48.29	54.00	-5.71	15.91	3	H	328	1.75	-
AV	15.9614G	47.95	54.00	-6.05	17.03	3	H	206	1.53	-
PK	10.64028G	61.52	74.00	-12.48	15.91	3	H	328	1.75	-
PK	15.95548G	61.88	74.00	-12.12	17.04	3	H	206	1.53	-

802.11a_(6Mbps)_1TX

5500MHz_TX

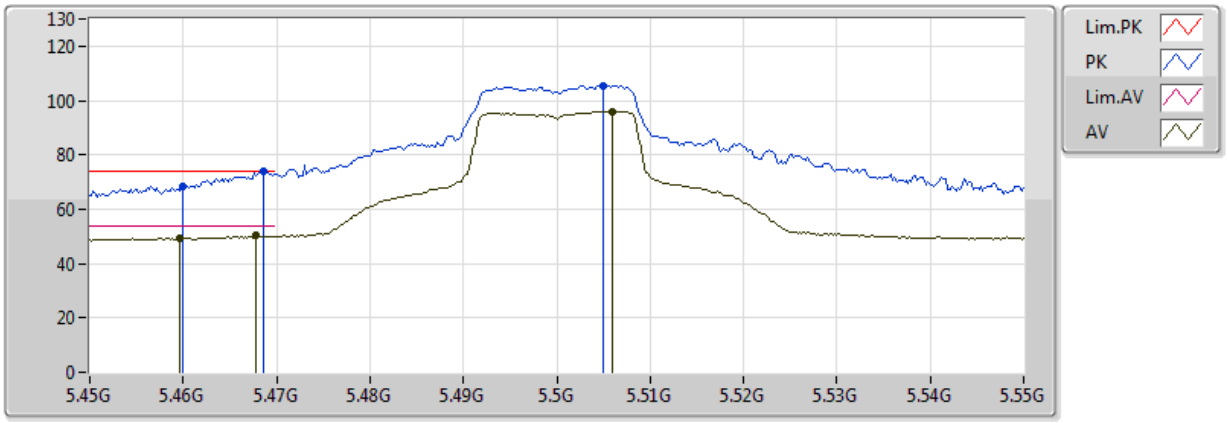


20170413
EUT Y 1TX
Setting 33
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4598G	48.84	54.00	-5.16	9.59	3	V	318	2.75	-
AV	5.469G	49.66	54.00	-4.34	9.61	3	V	318	2.75	-
AV	5.4936G	93.50	Inf	-Inf	9.67	3	V	318	2.75	-
PK	5.46G	66.54	74.00	-7.46	9.59	3	V	318	2.75	-
PK	5.4686G	72.19	74.00	-1.81	9.61	3	V	318	2.75	-
PK	5.495G	103.26	Inf	-Inf	9.68	3	V	318	2.75	-

802.11a_(6Mbps)_1TX

5500MHz_TX

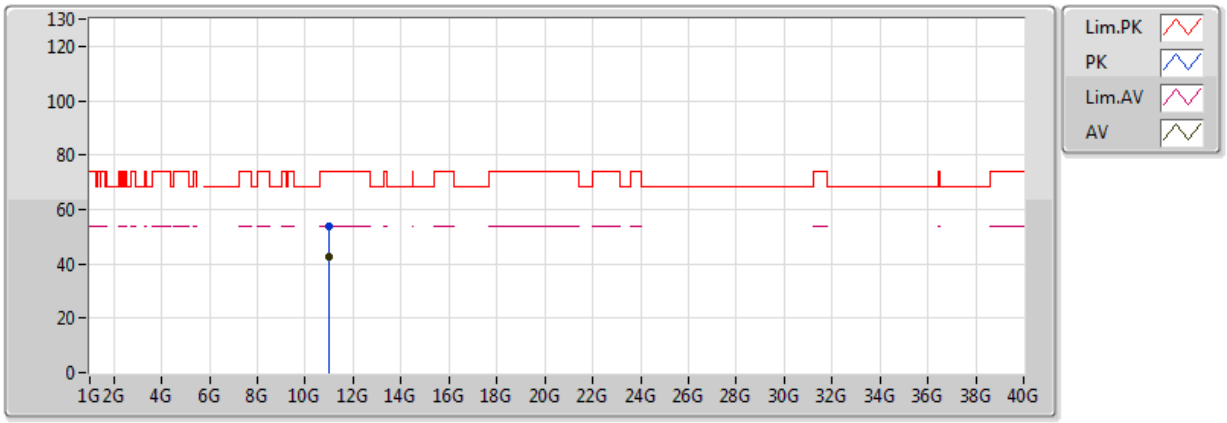


20170413
EUT Y 1TX
Setting 33
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4596G	49.22	54.00	-4.78	9.58	3	H	32	1.97	-
AV	5.4678G	50.25	54.00	-3.75	9.61	3	H	32	1.97	-
AV	5.506G	96.07	Inf	-Inf	9.70	3	H	32	1.97	-
PK	5.46G	68.42	74.00	-5.58	9.59	3	H	32	1.97	-
PK	5.4686G	73.99	74.00	-0.01	9.61	3	H	32	1.97	-
PK	5.505G	105.57	Inf	-Inf	9.69	3	H	32	1.97	-

802.11a_(6Mbps)_1TX

5500MHz_TX

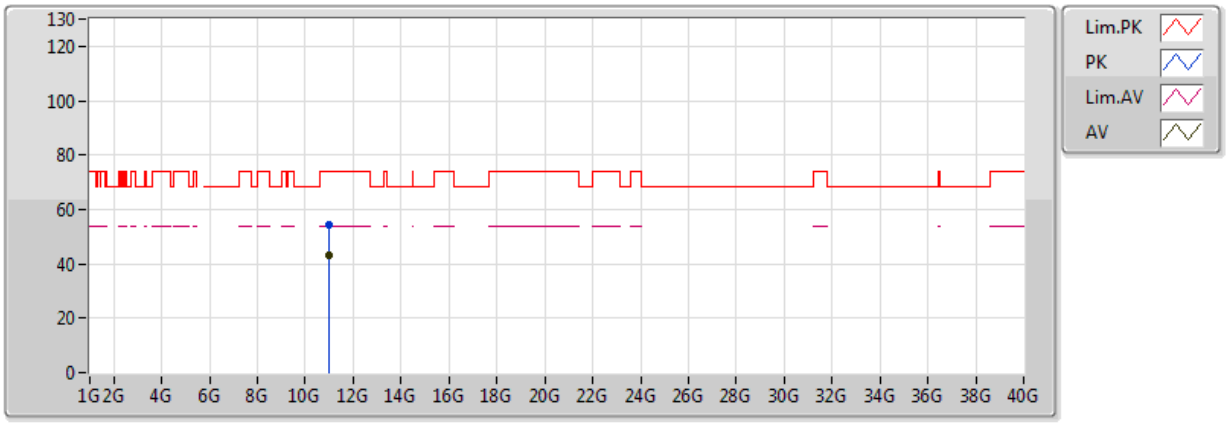


20170413
EUT Y 1TX
Setting 33
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	42.74	54.00	-11.26	15.83	3	V	290	1.57	-
PK	10.9928G	54.04	74.00	-19.96	15.83	3	V	290	1.57	-

802.11a_(6Mbps)_1TX

5500MHz_TX

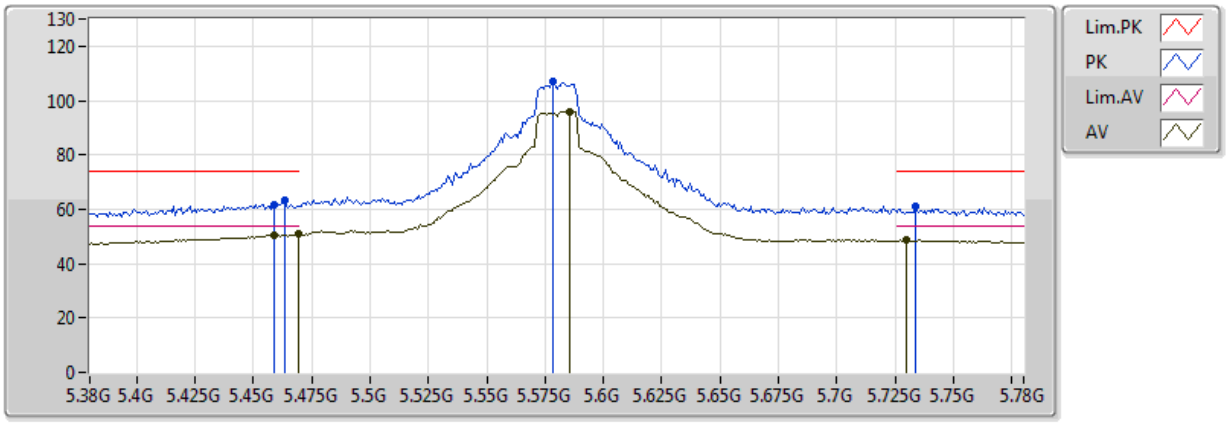


20170413
EUT Y 1TX
Setting 33
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	42.89	54.00	-11.11	15.83	3	H	97	1.31	-
PK	10.9922G	54.42	74.00	-19.58	15.83	3	H	97	1.31	-

802.11a_(6Mbps)_1TX

5580MHz_TX

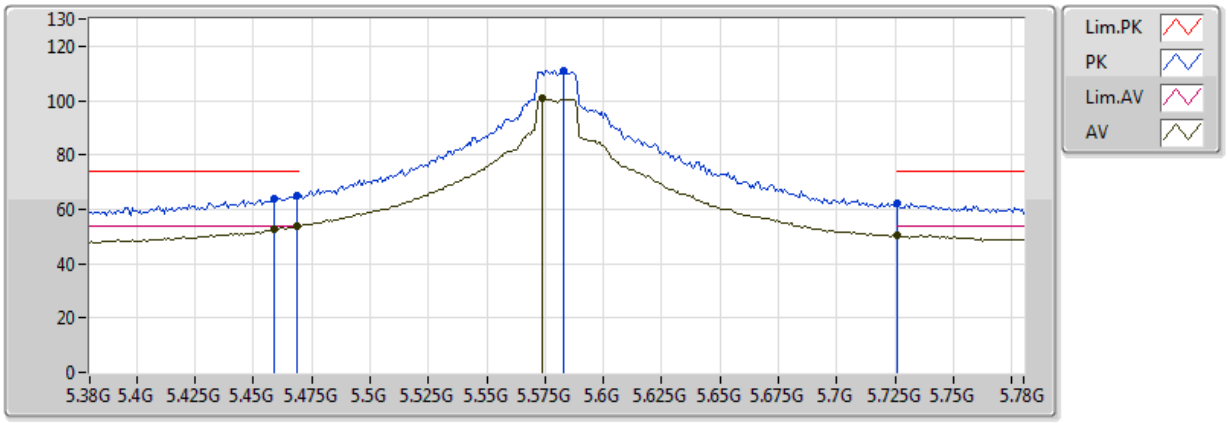


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4592G	50.41	54.00	-3.59	9.58	3	V	348	2.96	-
AV	5.4696G	50.75	54.00	-3.25	9.61	3	V	348	2.96	-
AV	5.5856G	96.03	Inf	-Inf	9.77	3	V	348	2.96	-
AV	5.7296G	48.61	54.00	-5.39	9.81	3	V	348	2.96	-
PK	5.459G	61.84	74.00	-12.16	9.59	3	V	348	2.96	-
PK	5.4632G	63.35	74.00	-10.65	9.59	3	V	348	2.96	-
PK	5.5784G	106.86	Inf	-Inf	9.76	3	V	348	2.96	-
PK	5.7336G	60.97	74.00	-13.03	9.81	3	V	348	2.96	-

802.11a_(6Mbps)_1TX

5580MHz_TX

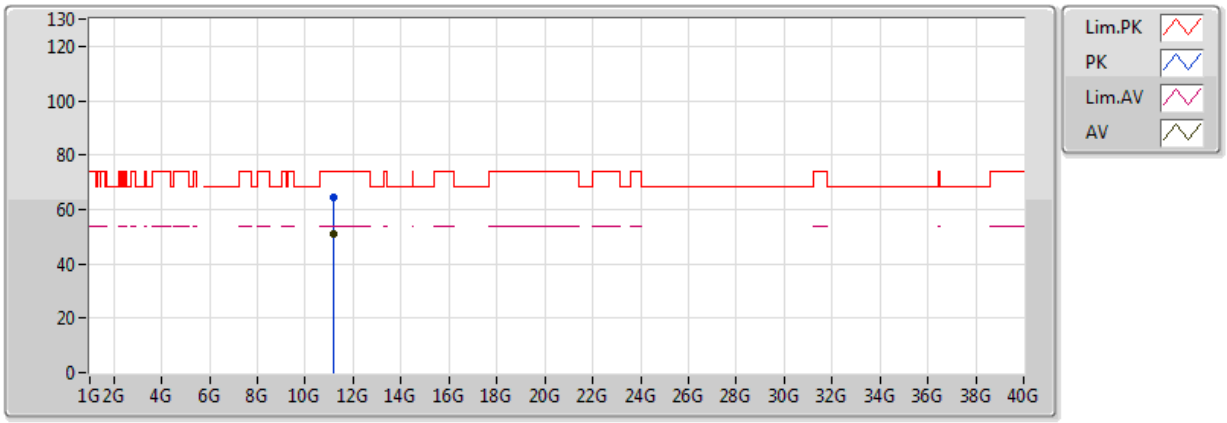


20170413
EUT Y 1TX
Setting 63
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459G	52.70	54.00	-1.30	9.59	3	H	20	1.77	-
AV	5.4688G	53.77	54.00	-0.23	9.61	3	H	20	1.77	-
AV	5.5736G	100.80	Inf	-Inf	9.76	3	H	20	1.77	-
AV	5.7256G	50.38	54.00	-3.62	9.81	3	H	20	1.77	-
PK	5.459G	64.07	74.00	-9.93	9.59	3	H	20	1.77	-
PK	5.4688G	65.23	74.00	-8.77	9.61	3	H	20	1.77	-
PK	5.5832G	111.15	Inf	-Inf	9.76	3	H	20	1.77	-
PK	5.7256G	62.19	74.00	-11.81	9.81	3	H	20	1.77	-

802.11a_(6Mbps)_1TX

5580MHz_TX

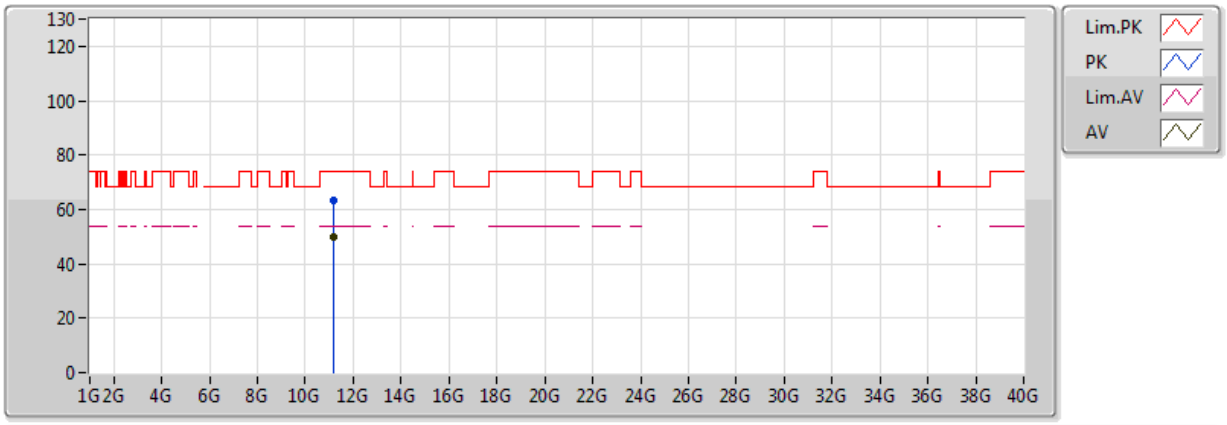


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.15996G	50.93	54.00	-3.07	15.99	3	V	182	2.19	-
PK	11.16496G	64.47	74.00	-9.53	15.99	3	V	182	2.19	-

802.11a_(6Mbps)_1TX

5580MHz_TX

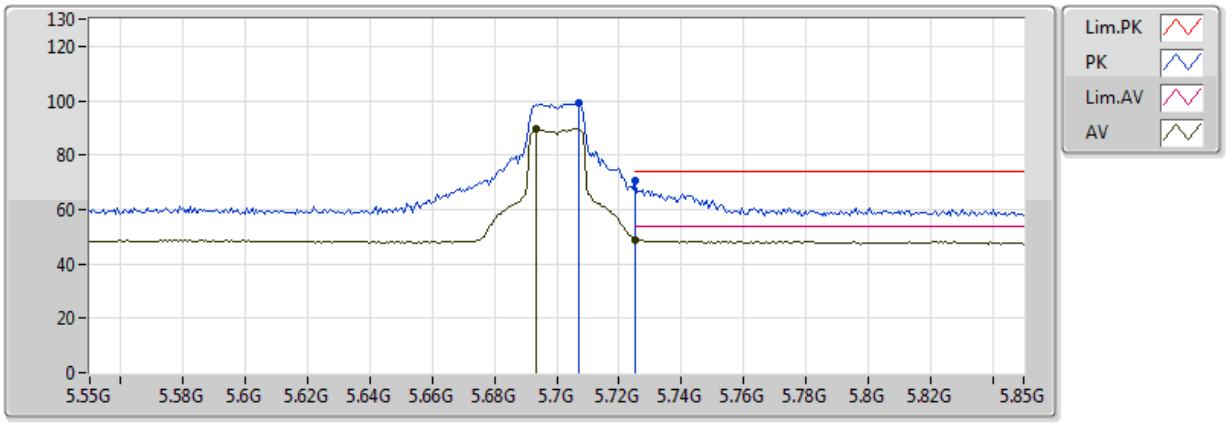


20170413
EUT Y 1TX
Setting 63
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16008G	50.12	54.00	-3.88	15.99	3	H	185	2.10	-
PK	11.16184G	63.44	74.00	-10.56	15.99	3	H	185	2.10	-

802.11a_(6Mbps)_1TX

5700MHz_TX

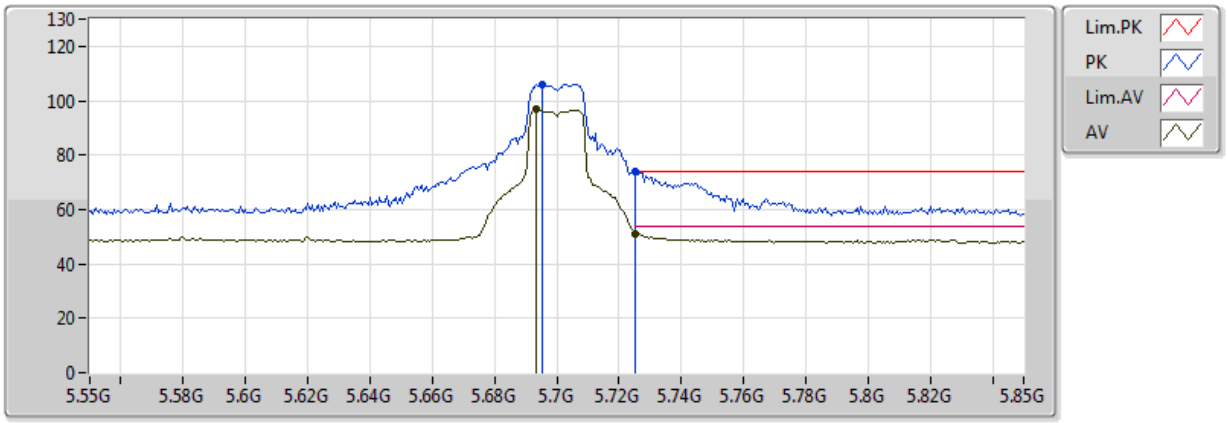


20170413
EUT Y 1TX
Setting 34
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6934G	89.61	Inf	-Inf	9.80	3	V	339	1.83	-
AV	5.7252G	48.86	54.00	-5.14	9.81	3	V	339	1.83	-
PK	5.7072G	99.02	Inf	-Inf	9.80	3	V	339	1.83	-
PK	5.7252G	70.38	74.00	-3.62	9.81	3	V	339	1.83	-

802.11a_(6Mbps)_1TX

5700MHz_TX

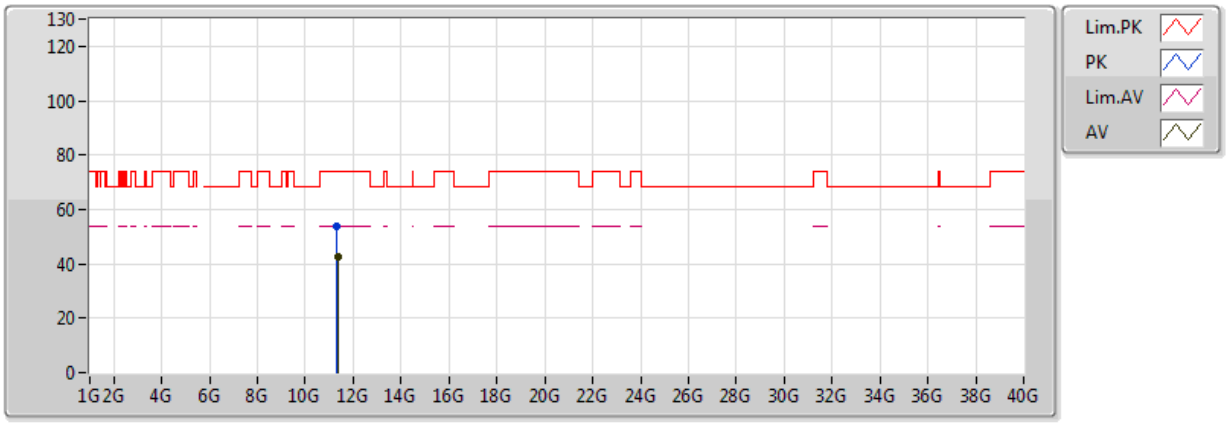


20170413
EUT Y 1TX
Setting 34
02-Z-1-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6934G	96.71	Inf	-Inf	9.80	3	H	33	1.90	-
AV	5.7252G	51.15	54.00	-2.85	9.81	3	H	33	1.90	-
PK	5.6952G	106.13	Inf	-Inf	9.80	3	H	33	1.90	-
PK	5.7252G	73.71	74.00	-0.29	9.81	3	H	33	1.90	-

802.11a_(6Mbps)_1TX

5700MHz_TX

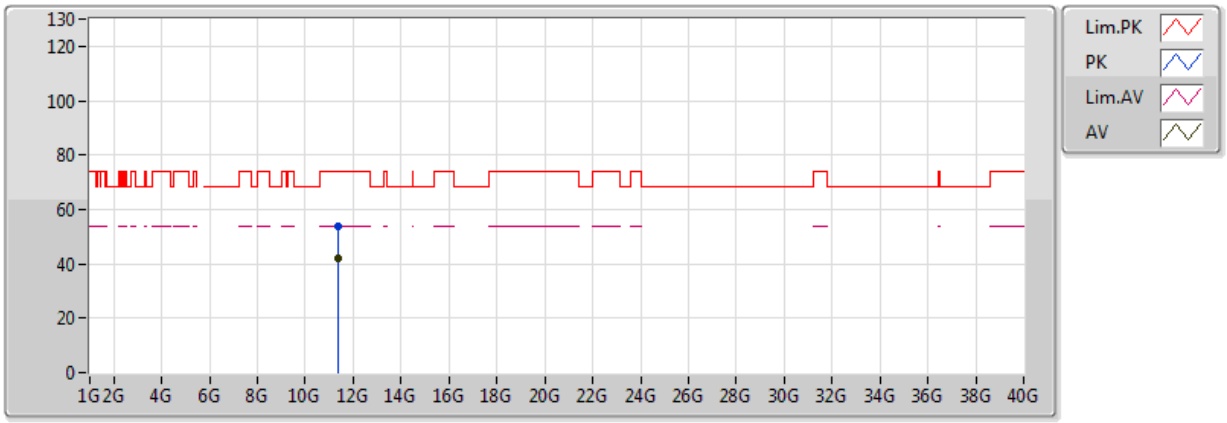


20170413
EUT Y 1TX
Setting 34
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	42.37	54.00	-11.63	16.23	3	V	349	1.13	-
PK	11.2872G	53.75	74.00	-20.25	16.11	3	V	349	1.13	-

802.11a_(6Mbps)_1TX

5700MHz_TX

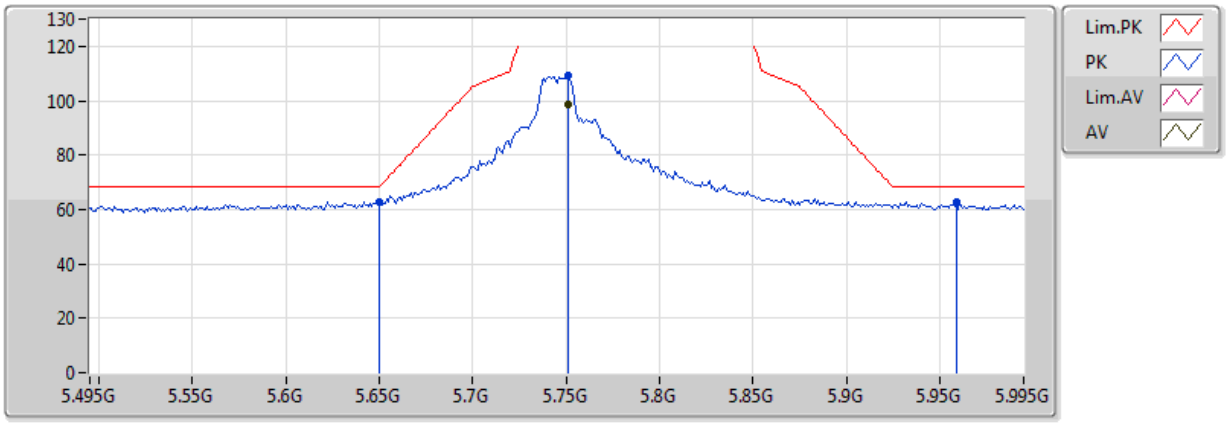


20170413
EUT Y 1TX
Setting 34
02-Z-1
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	42.24	54.00	-11.76	16.23	3	H	213	1.91	-
PK	11.3898G	53.83	74.00	-20.17	16.22	3	H	213	1.91	-

802.11a_(6Mbps)_1TX

5745MHz_TX

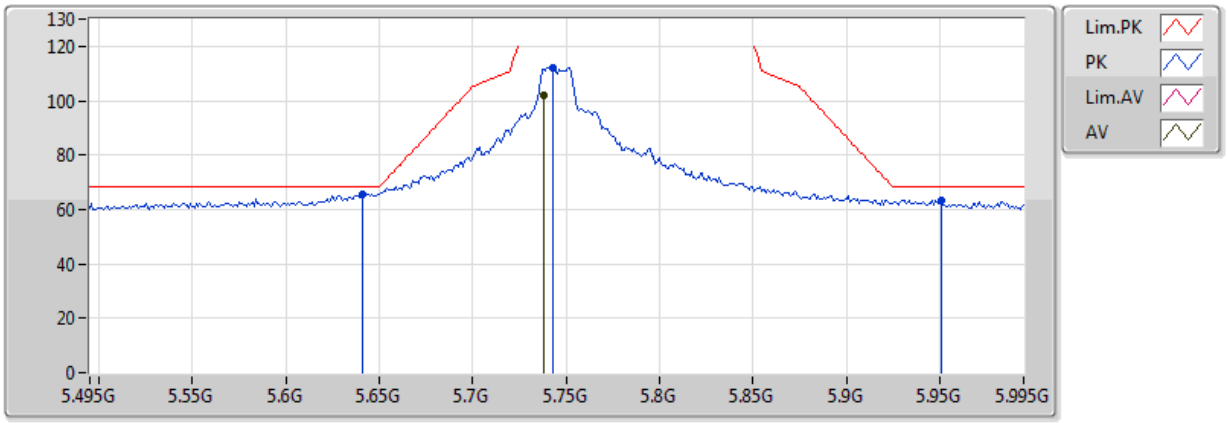


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.751G	98.69	Inf	-Inf	9.81	3	V	299	1.80	-
PK	5.65G	62.74	68.20	-5.46	9.79	3	V	299	1.80	-
PK	5.751G	108.99	Inf	-Inf	9.81	3	V	299	1.80	-
PK	5.959G	62.89	68.20	-5.31	10.04	3	V	299	1.80	-

802.11a_(6Mbps)_1TX

5745MHz_TX

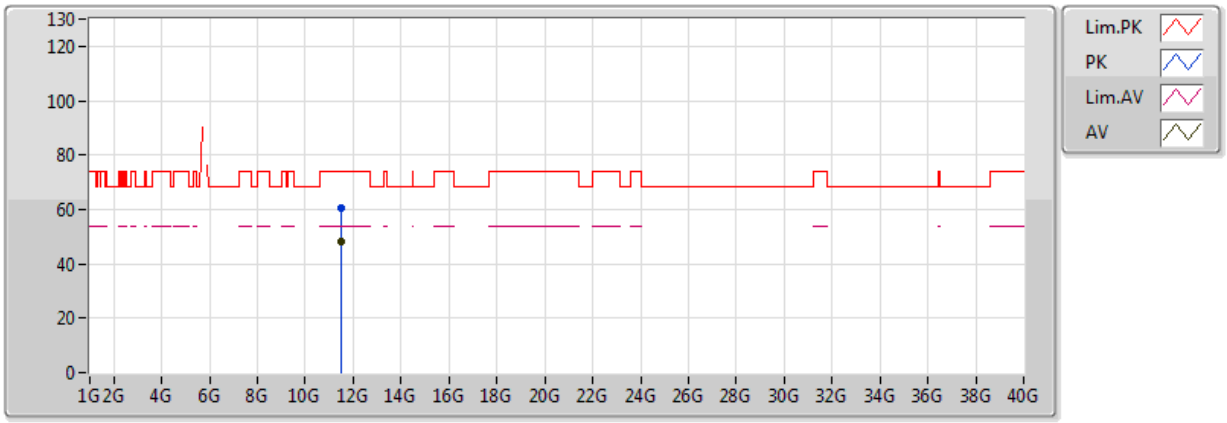


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.738G	101.74	Inf	-Inf	9.81	3	H	25	1.88	-
PK	5.641G	65.78	68.20	-2.42	9.79	3	H	25	1.88	-
PK	5.743G	111.94	Inf	-Inf	9.81	3	H	25	1.88	-
PK	5.951G	63.31	68.20	-4.89	10.03	3	H	25	1.88	-

802.11a_(6Mbps)_1TX

5745MHz_TX

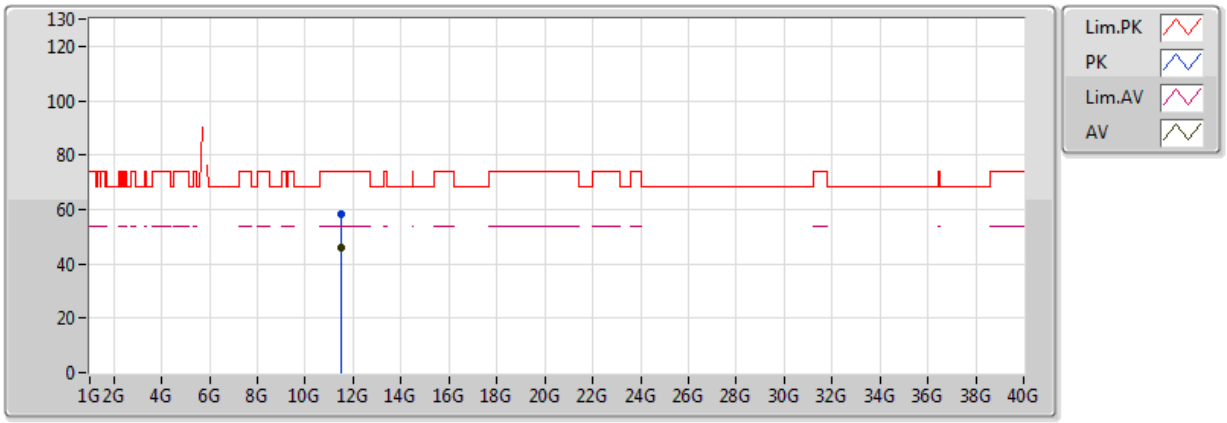


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48988G	48.17	54.00	-5.83	16.31	3	V	36	2.18	-
PK	11.49006G	60.55	74.00	-13.45	16.32	3	V	36	2.18	-

802.11a_(6Mbps)_1TX

5745MHz_TX

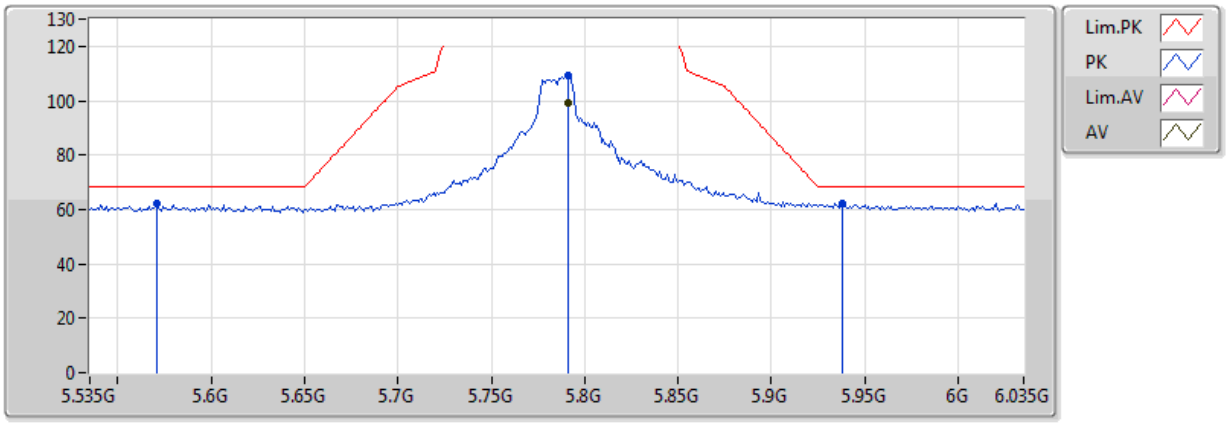


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49012G	45.67	54.00	-8.33	16.32	3	H	35	1.70	-
PK	11.48874G	58.23	74.00	-15.77	16.31	3	H	35	1.70	-

802.11a_(6Mbps)_1TX

5785MHz_TX

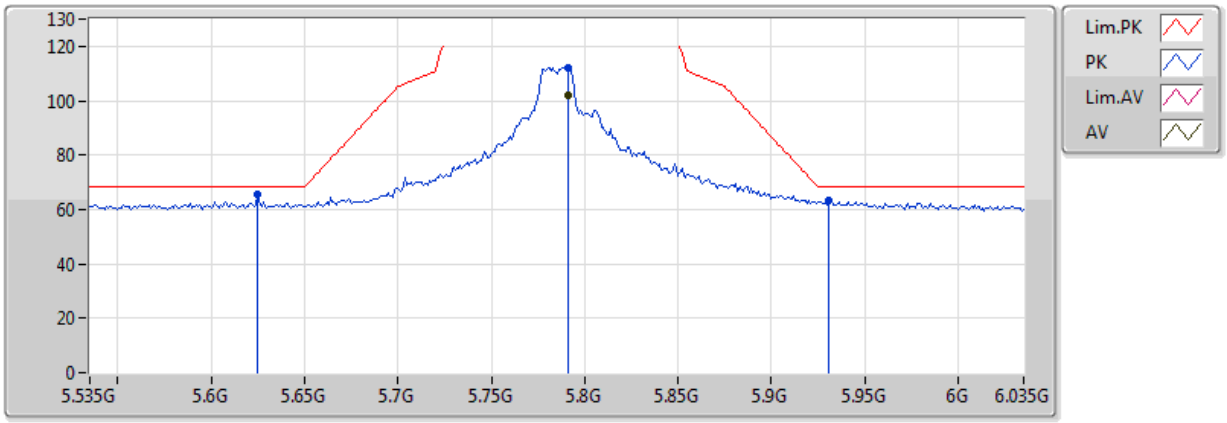


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.791G	99.13	Inf	-Inf	9.82	3	V	291	1.43	-
PK	5.571G	61.95	68.20	-6.25	9.75	3	V	291	1.43	-
PK	5.791G	109.18	Inf	-Inf	9.82	3	V	291	1.43	-
PK	5.938G	62.09	68.20	-6.11	10.01	3	V	291	1.43	-

802.11a_(6Mbps)_1TX

5785MHz_TX

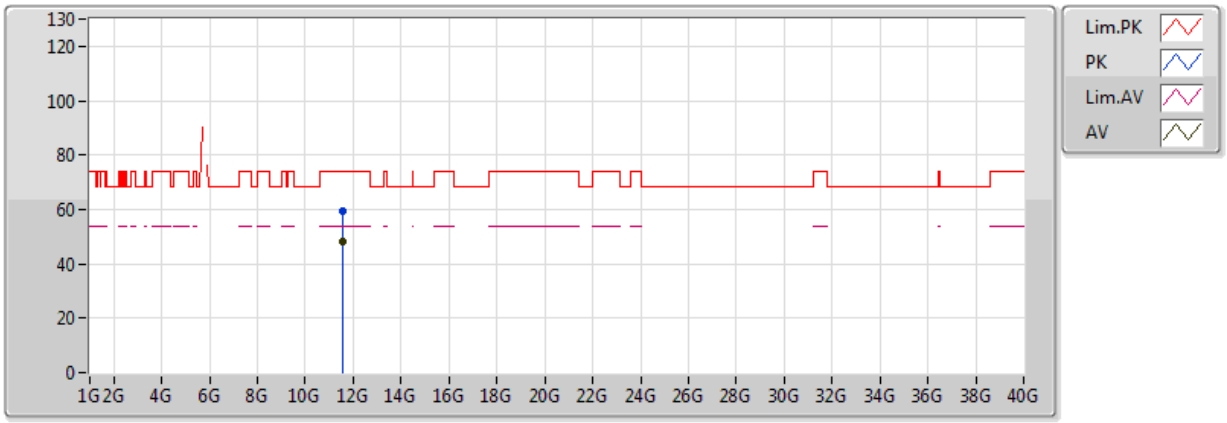


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.791G	102.24	Inf	-Inf	9.82	3	H	43	1.76	-
PK	5.625G	65.62	68.20	-2.58	9.78	3	H	43	1.76	-
PK	5.791G	112.29	Inf	-Inf	9.82	3	H	43	1.76	-
PK	5.931G	63.46	68.20	-4.74	10.00	3	H	43	1.76	-

802.11a_(6Mbps)_1TX

5785MHz_TX

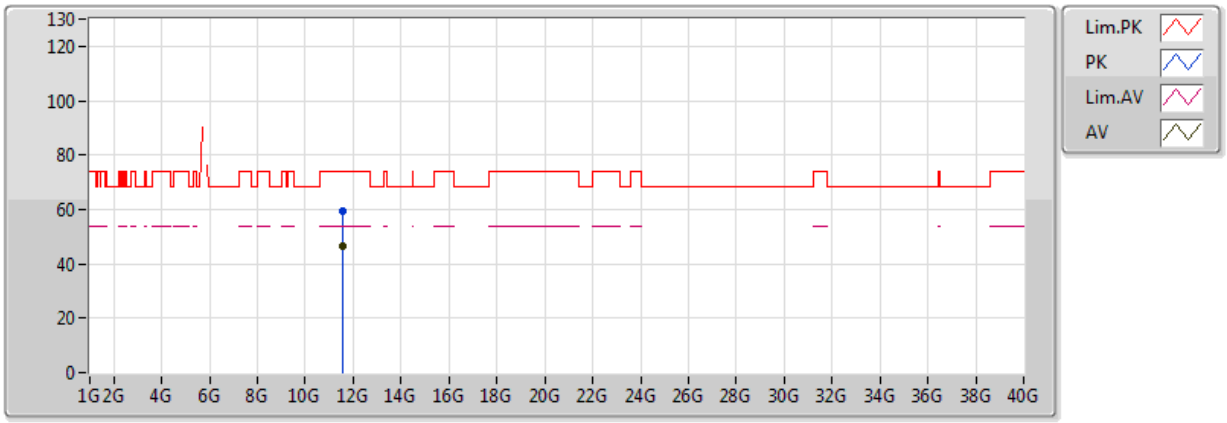


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56994G	48.19	54.00	-5.81	16.39	3	V	48	2.18	-
PK	11.56988G	59.49	74.00	-14.51	16.39	3	V	48	2.18	-

802.11a_(6Mbps)_1TX

5785MHz_TX

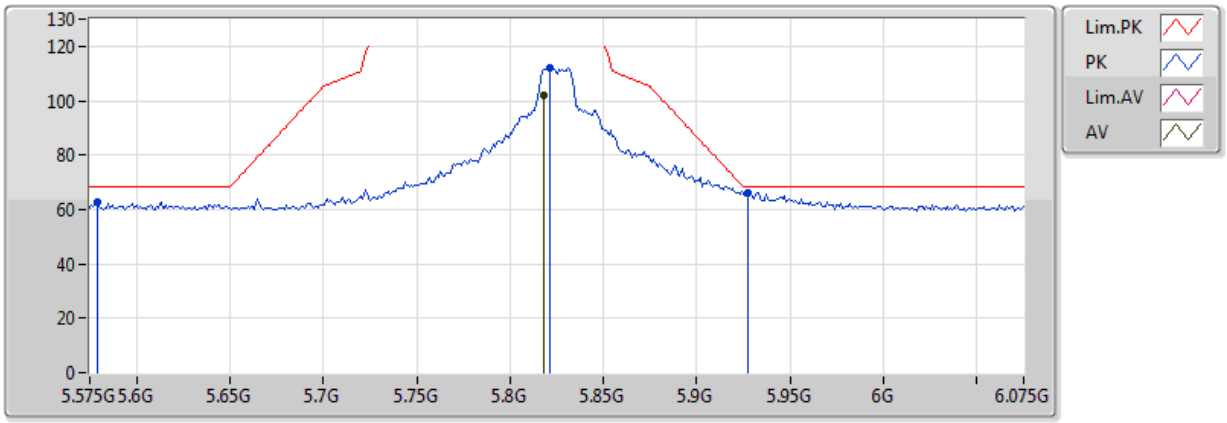


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	46.58	54.00	-7.42	16.39	3	H	28	2.21	-
PK	11.57G	59.48	74.00	-14.52	16.39	3	H	28	2.21	-

802.11a_(6Mbps)_1TX

5825MHz_TX

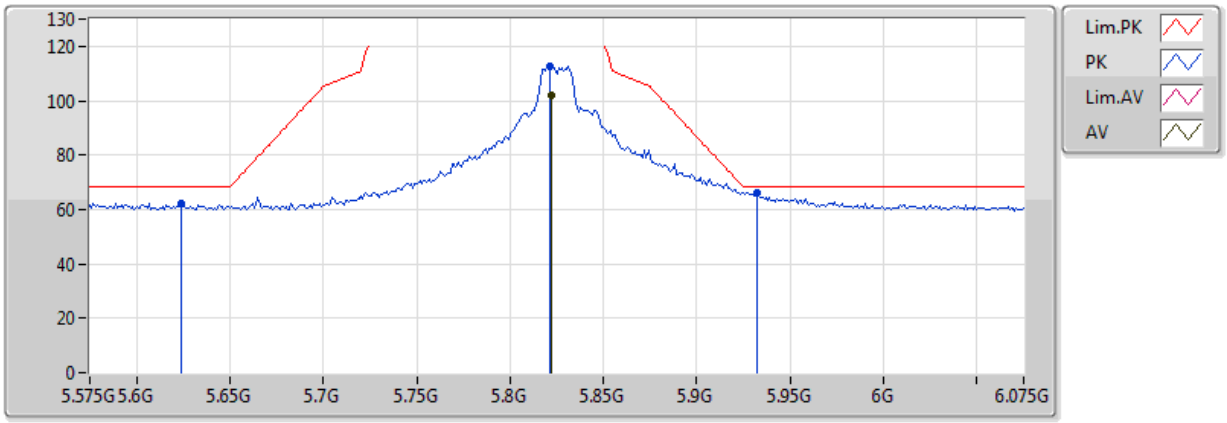


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.818G	101.71	Inf	-Inf	9.85	3	V	39	1.74	-
PK	5.579G	62.64	68.20	-5.56	9.76	3	V	39	1.74	-
PK	5.821G	111.94	Inf	-Inf	9.85	3	V	39	1.74	-
PK	5.927G	66.34	68.20	-1.86	10.00	3	V	39	1.74	-

802.11a_(6Mbps)_1TX

5825MHz_TX

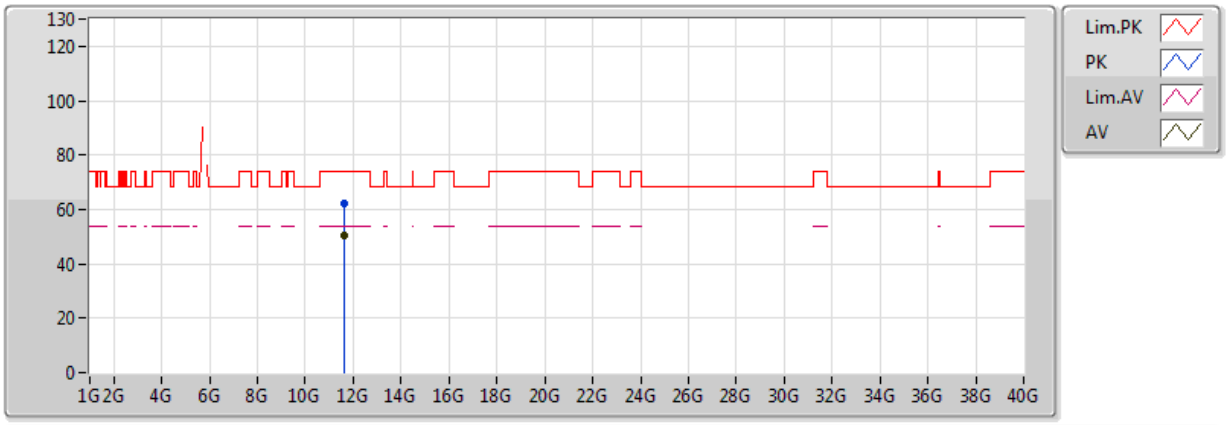


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.822G	102.08	Inf	-Inf	9.85	3	H	36	1.75	-
PK	5.624G	62.47	68.20	-5.73	9.78	3	H	36	1.75	-
PK	5.821G	112.51	Inf	-Inf	9.85	3	H	36	1.75	-
PK	5.932G	66.36	68.20	-1.84	10.00	3	H	36	1.75	-

802.11a_(6Mbps)_1TX

5825MHz_TX

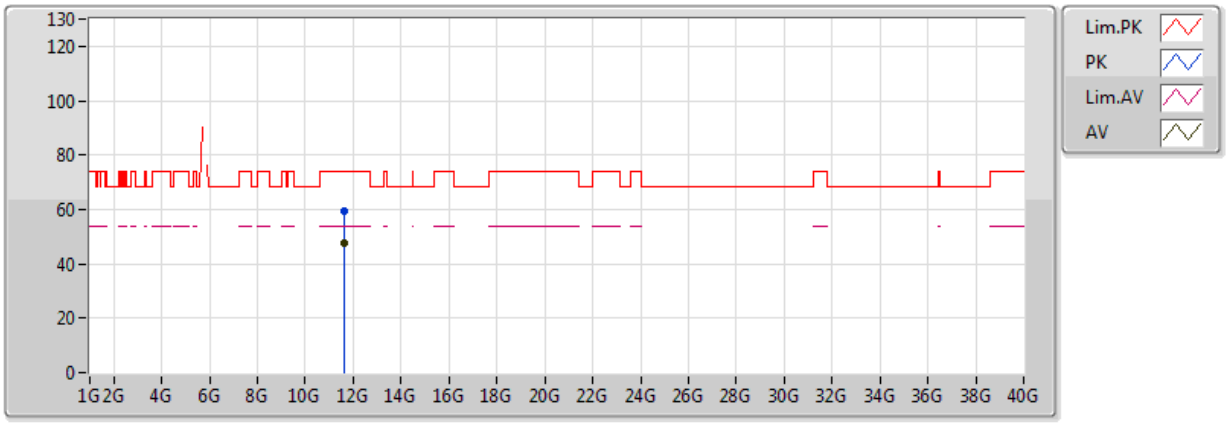


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	50.67	54.00	-3.33	16.47	3	V	36	2.23	-
PK	11.64958G	62.02	74.00	-11.98	16.47	3	V	36	2.23	-

802.11a_(6Mbps)_1TX

5825MHz_TX

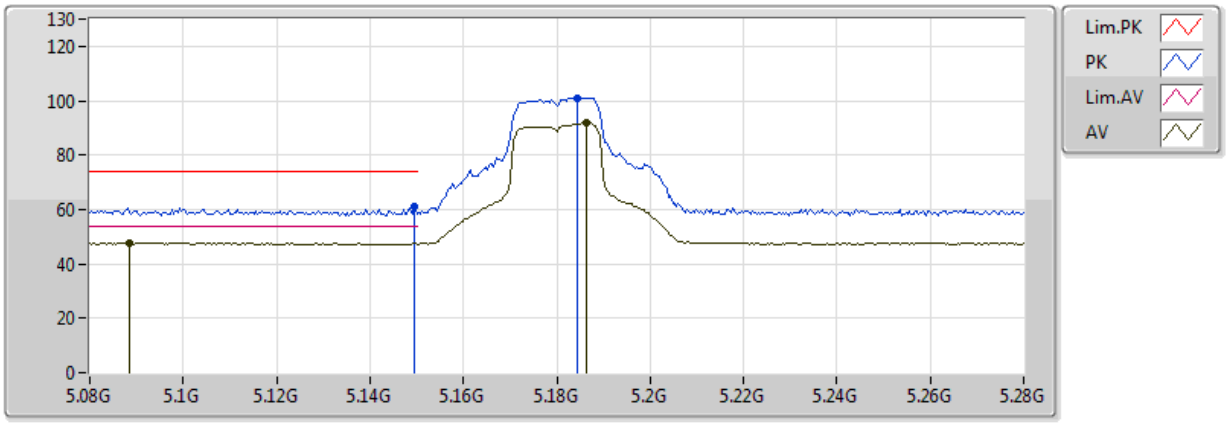


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64994G	47.51	54.00	-6.49	16.47	3	H	31	1.54	-
PK	11.64994G	59.41	74.00	-14.59	16.47	3	H	31	1.54	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

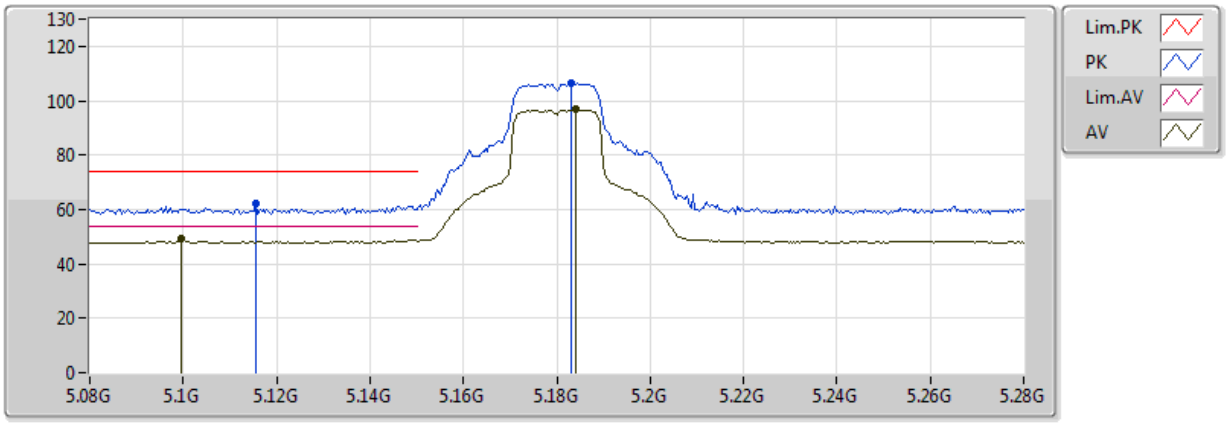


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0884G	47.74	54.00	-6.26	8.77	3	V	2	2.56	-
AV	5.1864G	91.82	Inf	-Inf	9.02	3	V	2	2.56	-
PK	5.1496G	61.09	74.00	-12.91	8.93	3	V	2	2.56	-
PK	5.1844G	101.11	Inf	-Inf	9.02	3	V	2	2.56	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

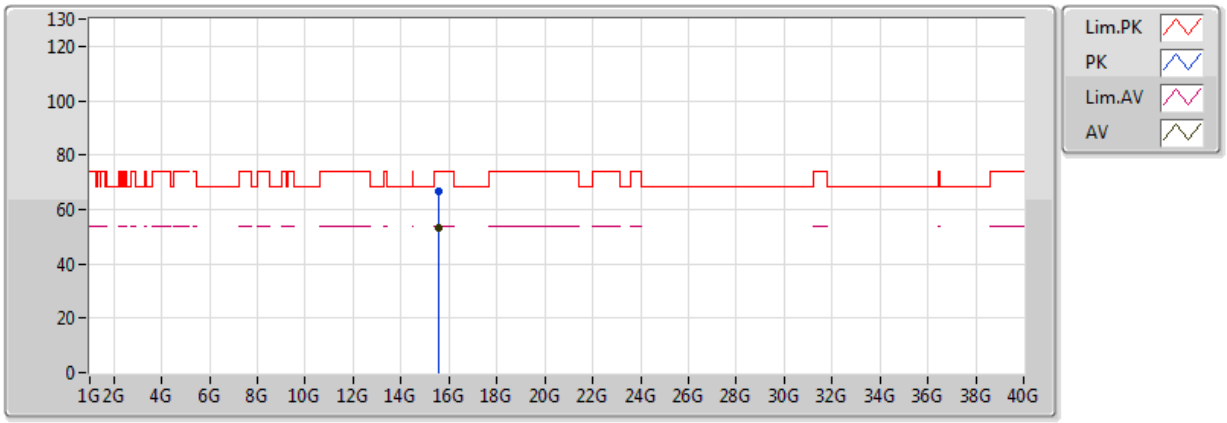


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0996G	49.39	54.00	-4.61	8.80	3	H	28	1.94	-
AV	5.184G	96.68	Inf	-Inf	9.02	3	H	28	1.94	-
PK	5.1156G	62.45	74.00	-11.55	8.84	3	H	28	1.94	-
PK	5.1832G	106.45	Inf	-Inf	9.02	3	H	28	1.94	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

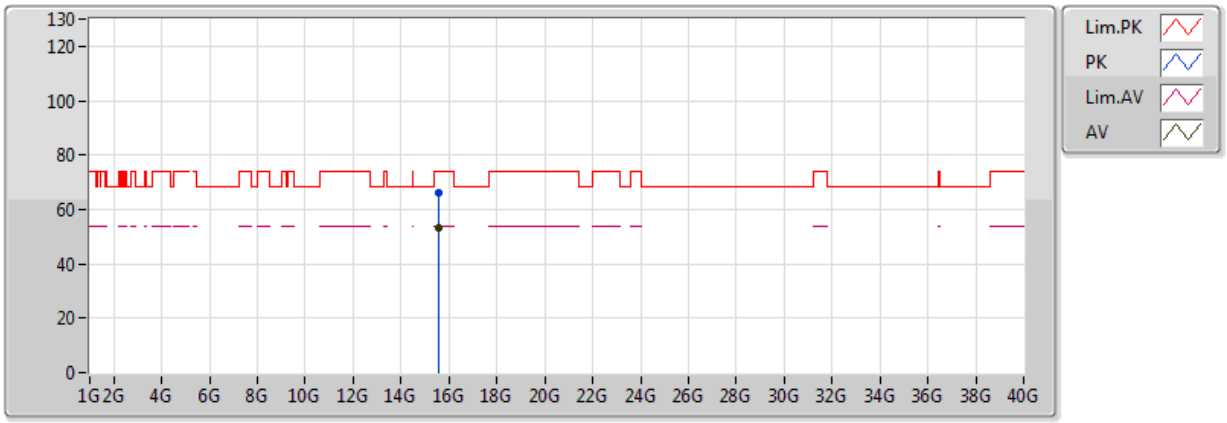


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5412G	53.46	54.00	-0.54	18.11	3	V	58	1.50	-
PK	15.54522G	66.58	74.00	-7.42	18.10	3	V	58	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

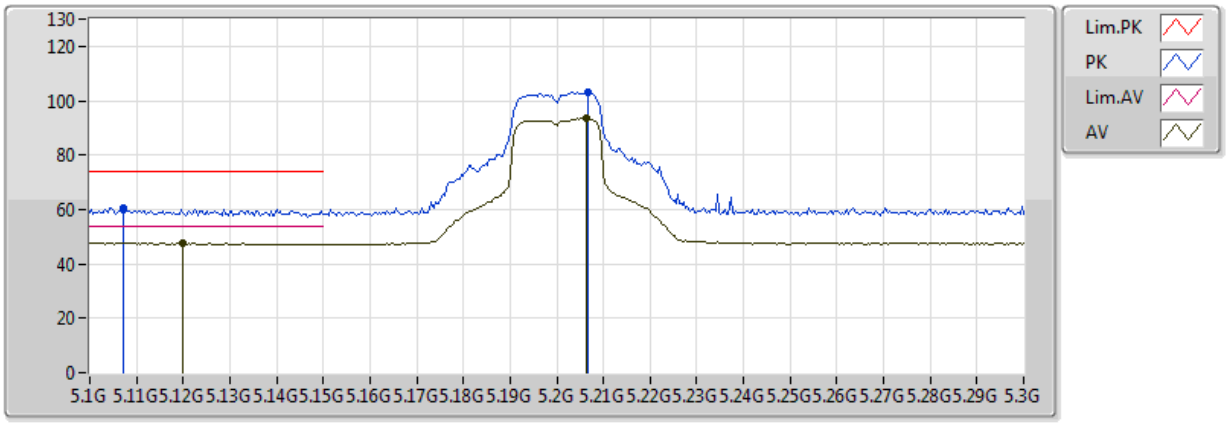


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54102G	53.10	54.00	-0.90	18.11	3	H	337	2.00	-
PK	15.54228G	65.88	74.00	-8.12	18.11	3	H	337	2.00	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

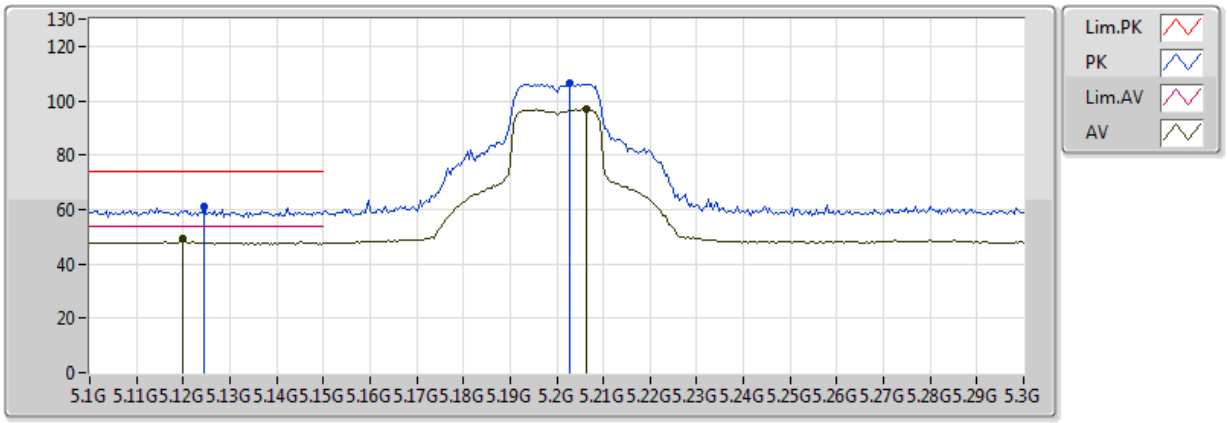


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12G	47.67	54.00	-6.33	8.85	3	V	359	2.78	-
AV	5.2064G	93.46	Inf	-Inf	9.07	3	V	359	2.78	-
PK	5.1072G	60.26	74.00	-13.74	8.82	3	V	359	2.78	-
PK	5.2068G	102.95	Inf	-Inf	9.07	3	V	359	2.78	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

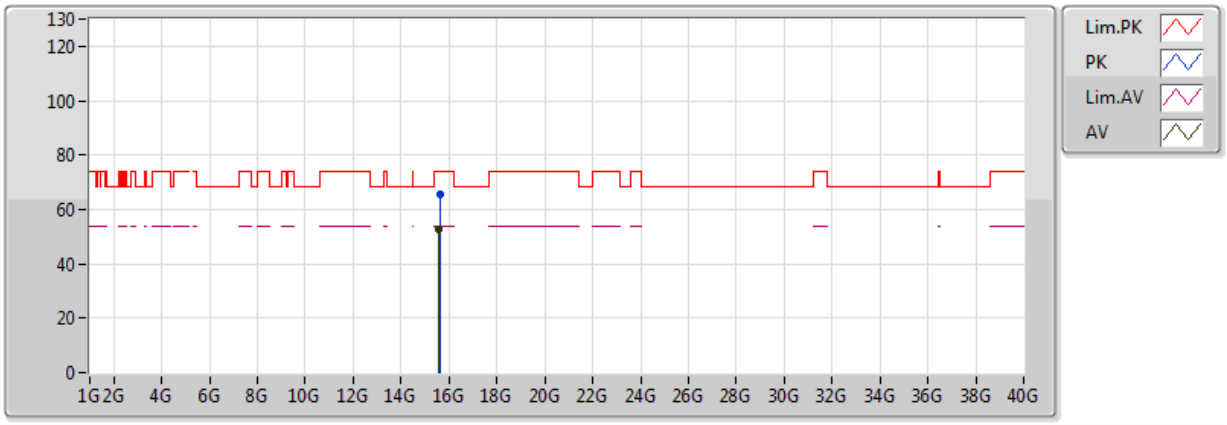


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12G	49.31	54.00	-4.69	8.85	3	H	33	1.84	-
AV	5.2064G	96.81	Inf	-Inf	9.07	3	H	33	1.84	-
PK	5.1244G	61.15	74.00	-12.85	8.86	3	H	33	1.84	-
PK	5.2028G	106.33	Inf	-Inf	9.07	3	H	33	1.84	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

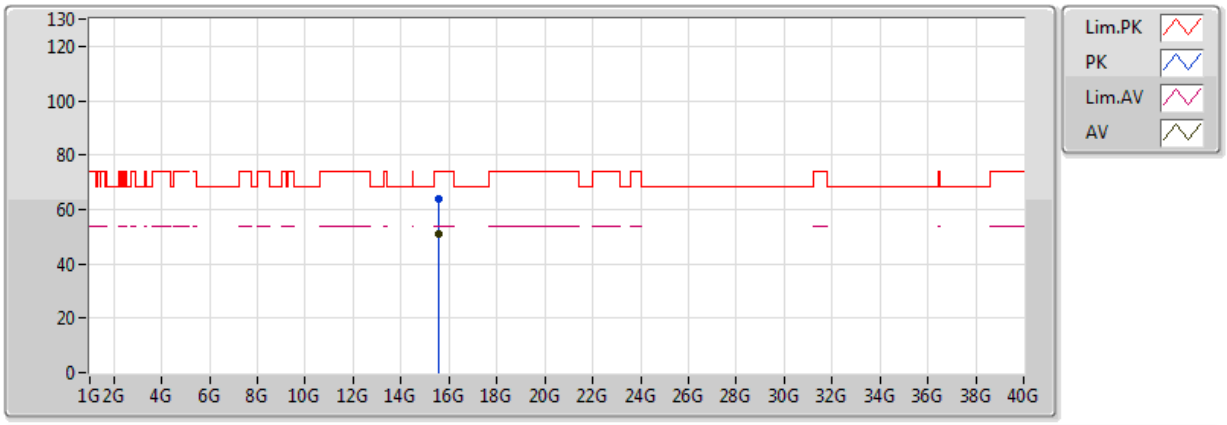


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60078G	52.57	54.00	-1.43	17.96	3	V	52	1.96	-
PK	15.60264G	65.54	74.00	-8.46	17.95	3	V	52	1.96	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

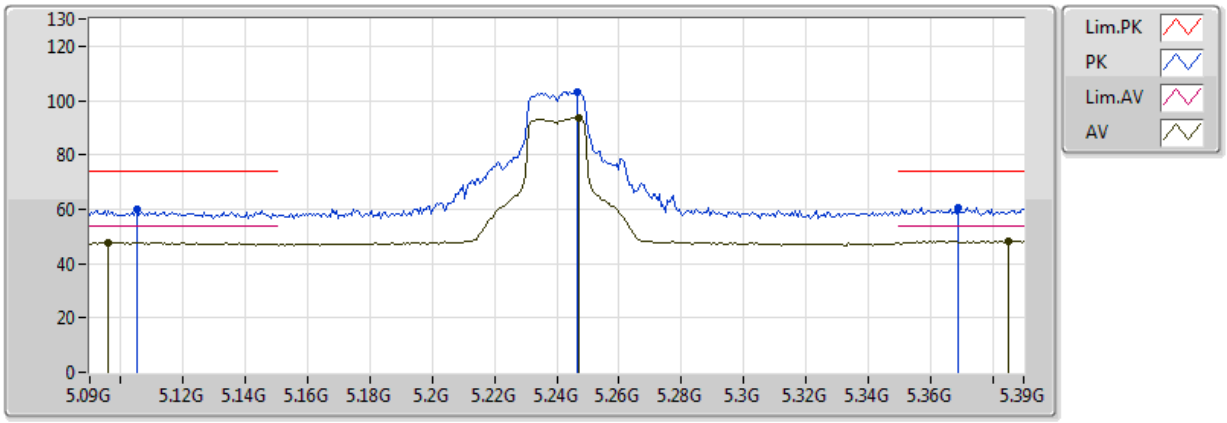


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60018G	50.89	54.00	-3.11	17.96	3	H	4	2.60	-
PK	15.59436G	63.88	74.00	-10.12	17.97	3	H	4	2.60	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

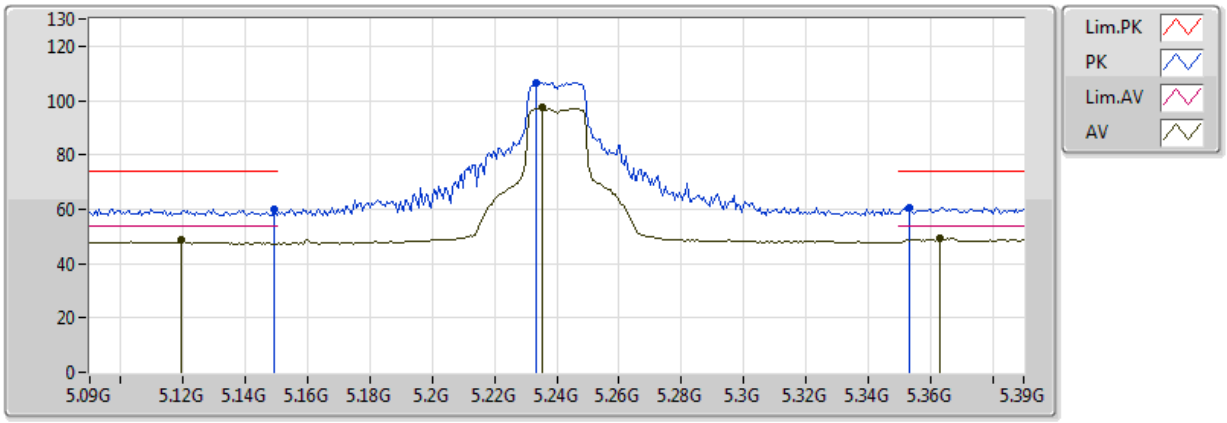


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.096G	47.84	54.00	-6.16	8.79	3	V	1	2.89	-
AV	5.2472G	93.55	Inf	-Inf	9.15	3	V	1	2.89	-
AV	5.3852G	48.23	54.00	-5.77	9.40	3	V	1	2.89	-
PK	5.105G	59.73	74.00	-14.27	8.81	3	V	1	2.89	-
PK	5.2466G	103.10	Inf	-Inf	9.15	3	V	1	2.89	-
PK	5.369G	60.58	74.00	-13.42	9.37	3	V	1	2.89	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

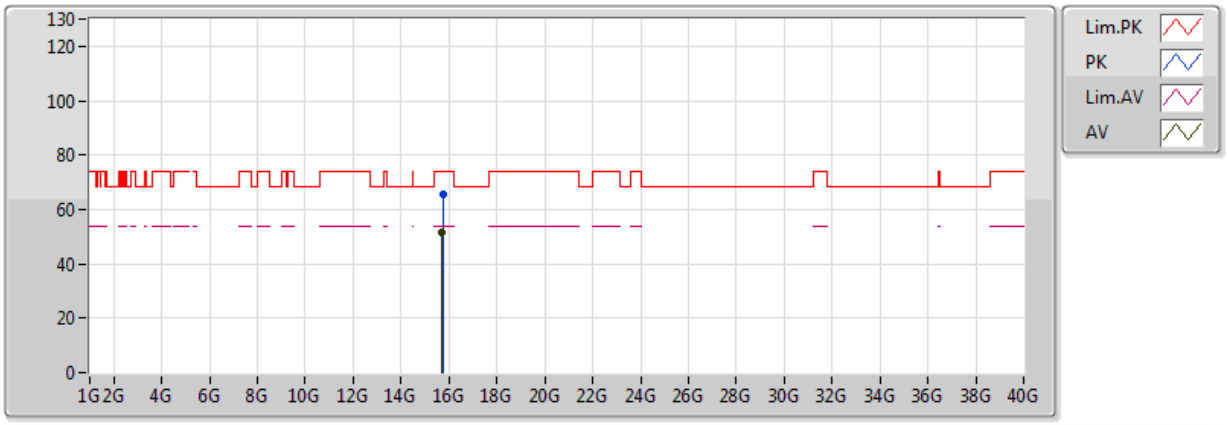


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1194G	48.74	54.00	-5.26	8.85	3	H	43	1.92	-
AV	5.2352G	97.26	Inf	-Inf	9.13	3	H	43	1.92	-
AV	5.363G	49.26	54.00	-4.74	9.36	3	H	43	1.92	-
PK	5.1494G	60.08	74.00	-13.92	8.93	3	H	43	1.92	-
PK	5.2334G	106.55	Inf	-Inf	9.12	3	H	43	1.92	-
PK	5.3534G	60.47	74.00	-13.53	9.35	3	H	43	1.92	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

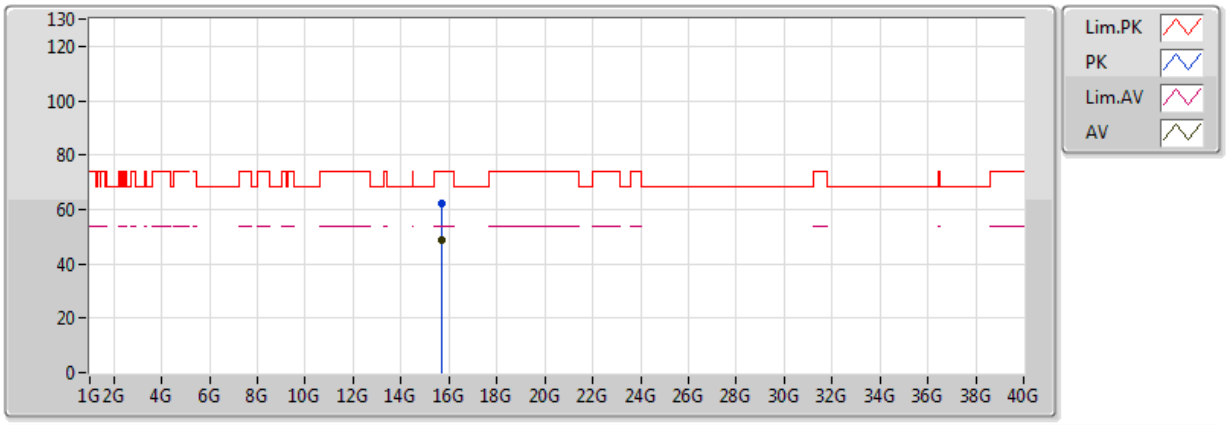


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7224G	51.72	54.00	-2.28	17.64	3	V	56	1.49	-
PK	15.72948G	65.31	74.00	-8.69	17.63	3	V	56	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

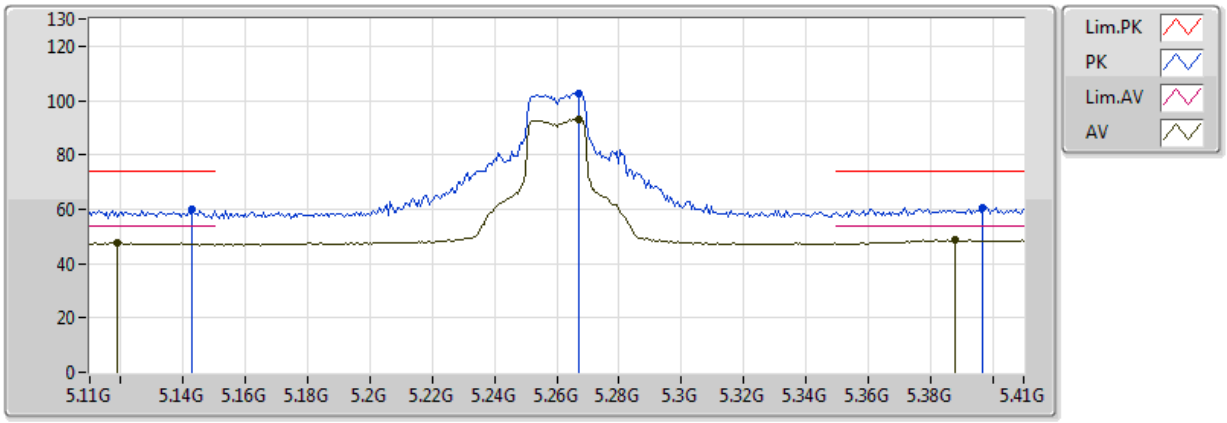


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71592G	48.68	54.00	-5.32	17.66	3	H	346	1.49	-
PK	15.7281G	62.45	74.00	-11.55	17.63	3	H	346	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

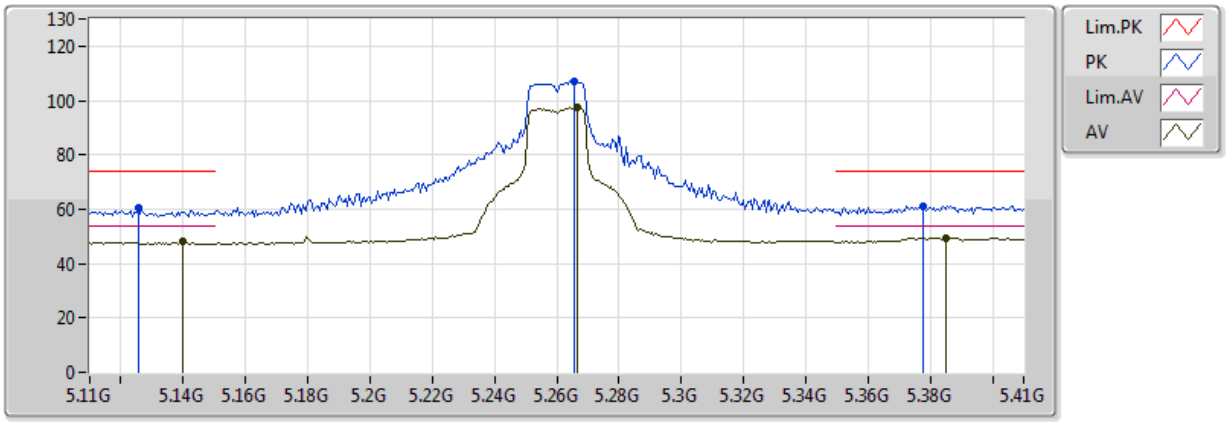


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.119G	47.76	54.00	-6.24	8.85	3	V	1	2.75	-
AV	5.2672G	93.18	Inf	-Inf	9.19	3	V	1	2.75	-
AV	5.3878G	48.54	54.00	-5.46	9.41	3	V	1	2.75	-
PK	5.143G	59.99	74.00	-14.01	8.91	3	V	1	2.75	-
PK	5.2672G	102.71	Inf	-Inf	9.19	3	V	1	2.75	-
PK	5.3968G	60.39	74.00	-13.61	9.42	3	V	1	2.75	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

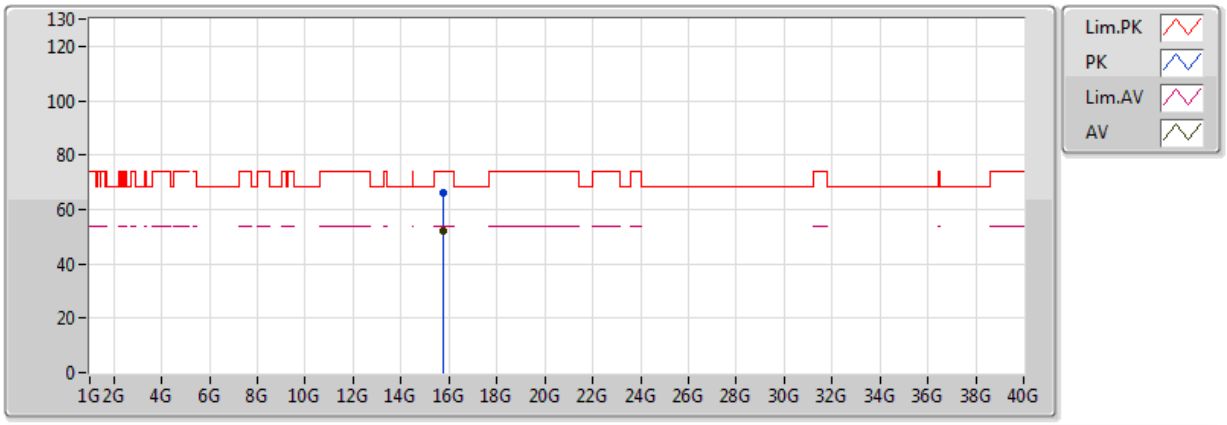


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14G	48.26	54.00	-5.74	8.90	3	H	27	1.82	-
AV	5.2666G	97.56	Inf	-Inf	9.19	3	H	27	1.82	-
AV	5.3848G	49.58	54.00	-4.42	9.40	3	H	27	1.82	-
PK	5.1256G	60.39	74.00	-13.61	8.87	3	H	27	1.82	-
PK	5.2654G	107.09	Inf	-Inf	9.18	3	H	27	1.82	-
PK	5.3776G	61.12	74.00	-12.88	9.39	3	H	27	1.82	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

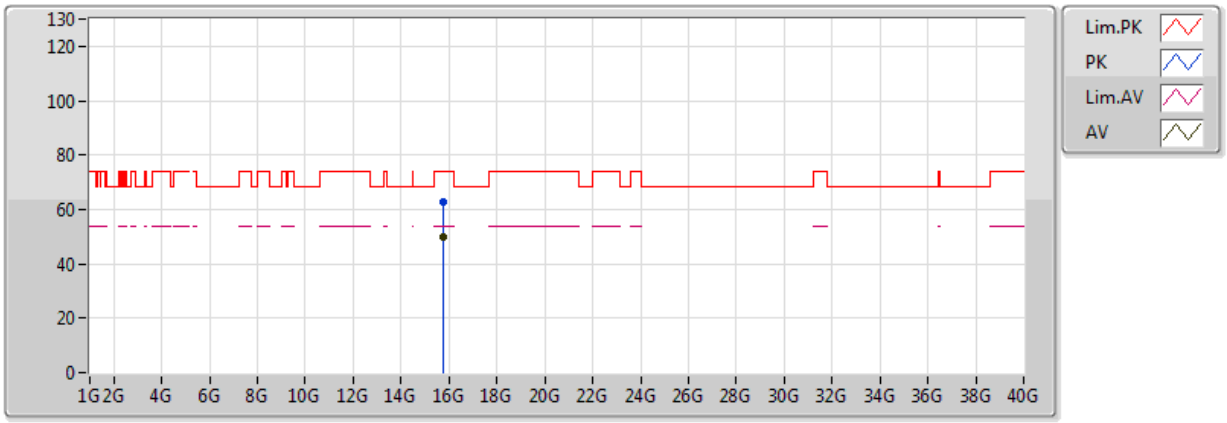


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7806G	52.19	54.00	-1.81	17.49	3	V	55	1.61	-
PK	15.78738G	65.94	74.00	-8.06	17.48	3	V	55	1.61	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

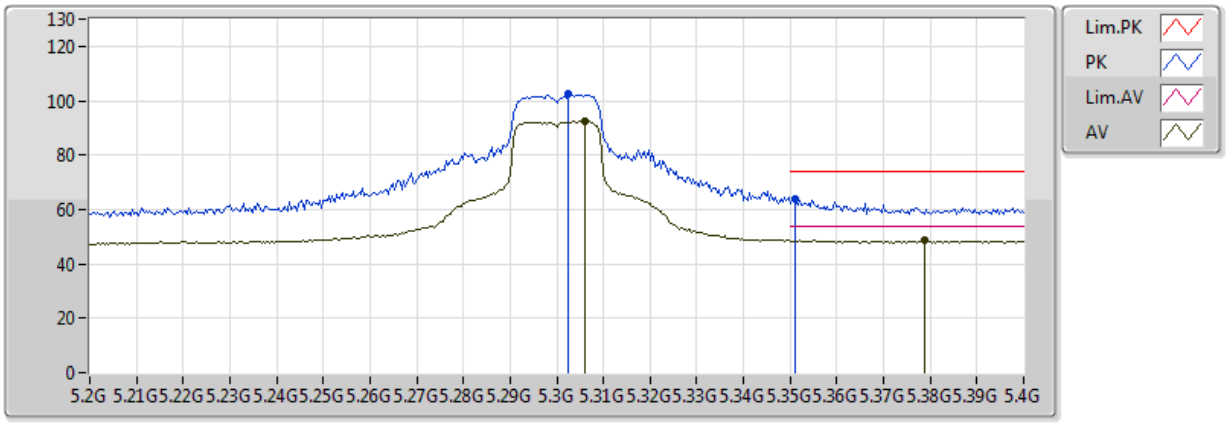


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.77628G	49.76	54.00	-4.24	17.50	3	H	71	1.66	-
PK	15.78228G	63.03	74.00	-10.97	17.49	3	H	71	1.66	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

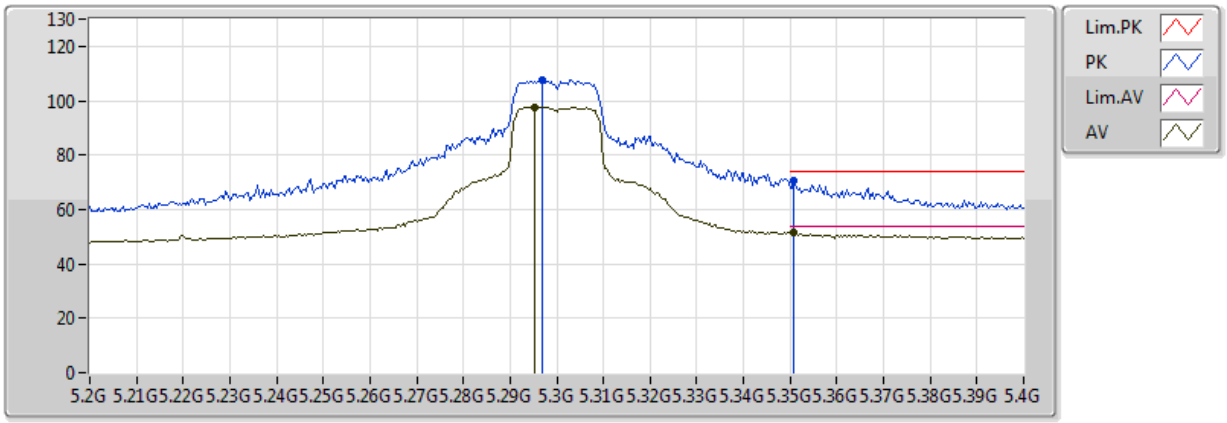


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.306G	92.43	Inf	-Inf	9.26	3	V	233	1.92	-
AV	5.3788G	48.55	54.00	-5.45	9.39	3	V	233	1.92	-
PK	5.3024G	102.45	Inf	-Inf	9.25	3	V	233	1.92	-
PK	5.3512G	63.99	74.00	-10.01	9.34	3	V	233	1.92	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

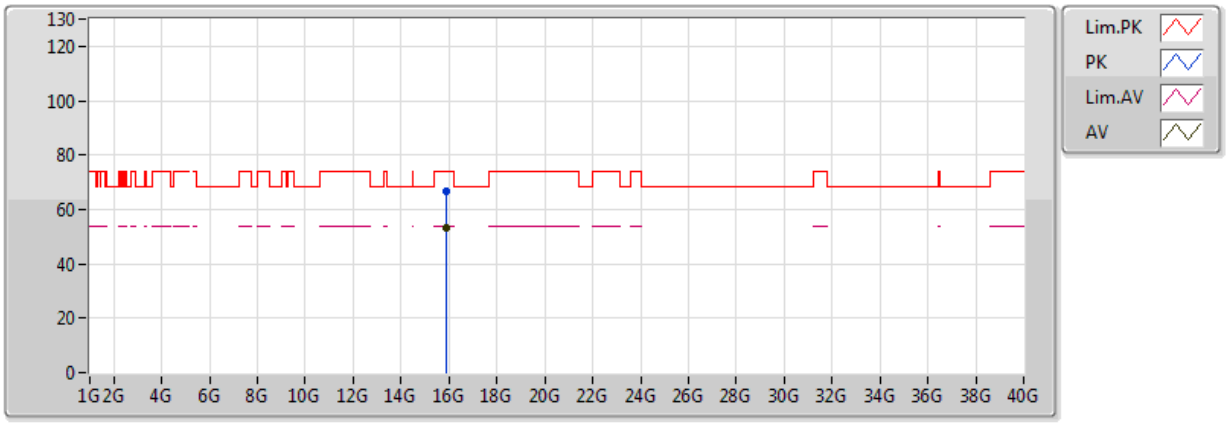


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2952G	97.75	Inf	-Inf	9.24	3	H	33	1.91	-
AV	5.3508G	51.28	54.00	-2.72	9.34	3	H	33	1.91	-
PK	5.2968G	107.41	Inf	-Inf	9.24	3	H	33	1.91	-
PK	5.3508G	70.36	74.00	-3.64	9.34	3	H	33	1.91	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

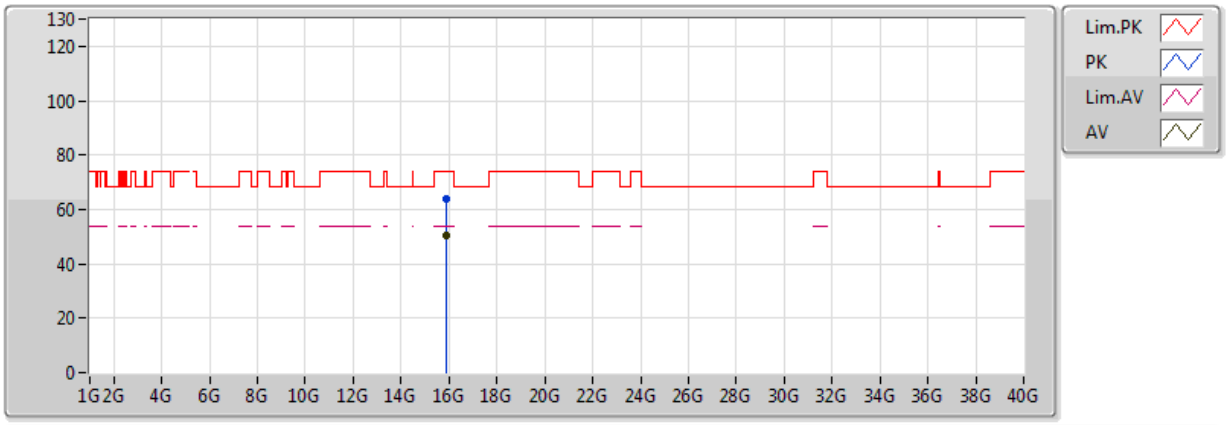


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.90072G	53.08	54.00	-0.92	17.19	3	V	40	1.56	-
PK	15.9009G	66.83	74.00	-7.17	17.18	3	V	40	1.56	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

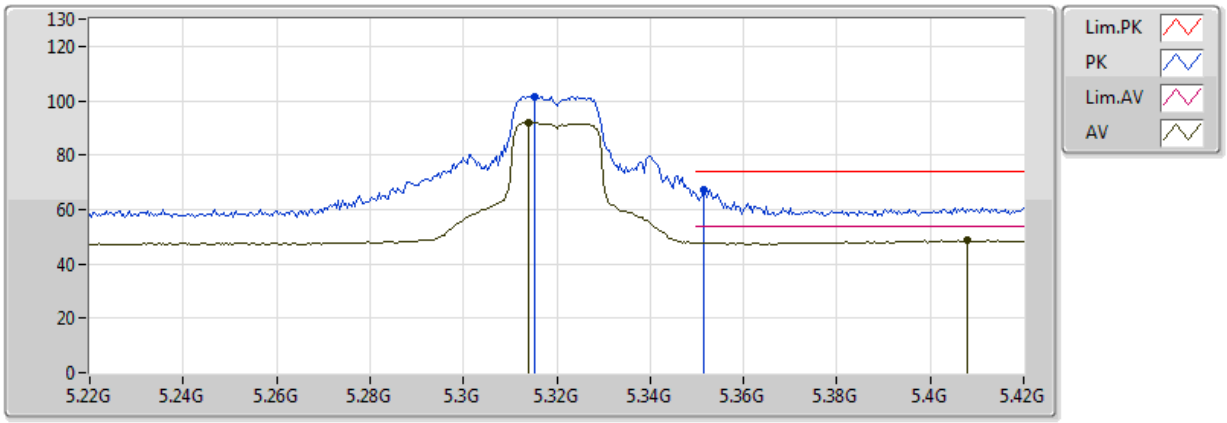


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.90198G	50.57	54.00	-3.43	17.18	3	H	70	1.63	-
PK	15.90348G	63.96	74.00	-10.04	17.18	3	H	70	1.63	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

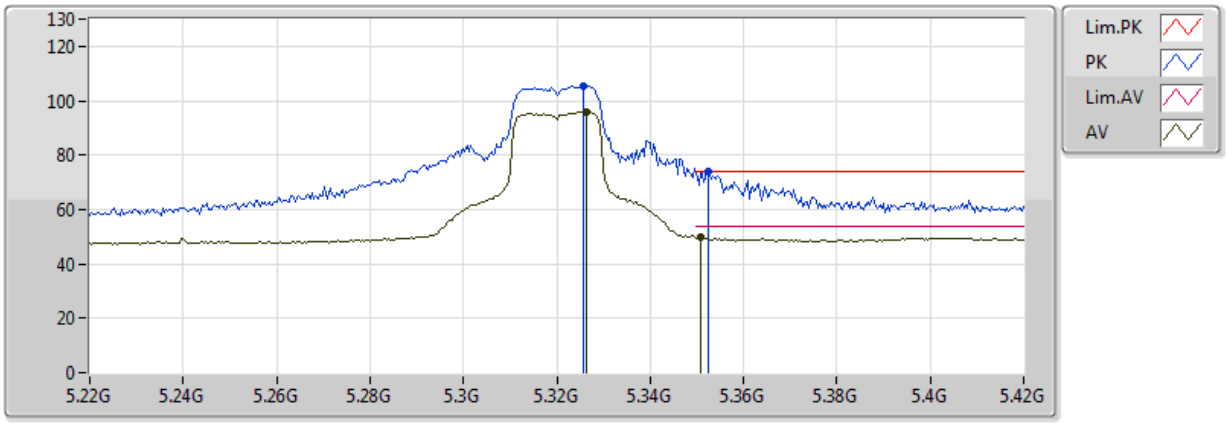


20170414
EUT Y 1TX
Setting 54
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.314G	91.95	Inf	-Inf	9.28	3	V	359	2.95	-
AV	5.408G	48.60	54.00	-5.40	9.45	3	V	359	2.95	-
PK	5.3152G	101.59	Inf	-Inf	9.28	3	V	359	2.95	-
PK	5.3516G	67.29	74.00	-6.71	9.34	3	V	359	2.95	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

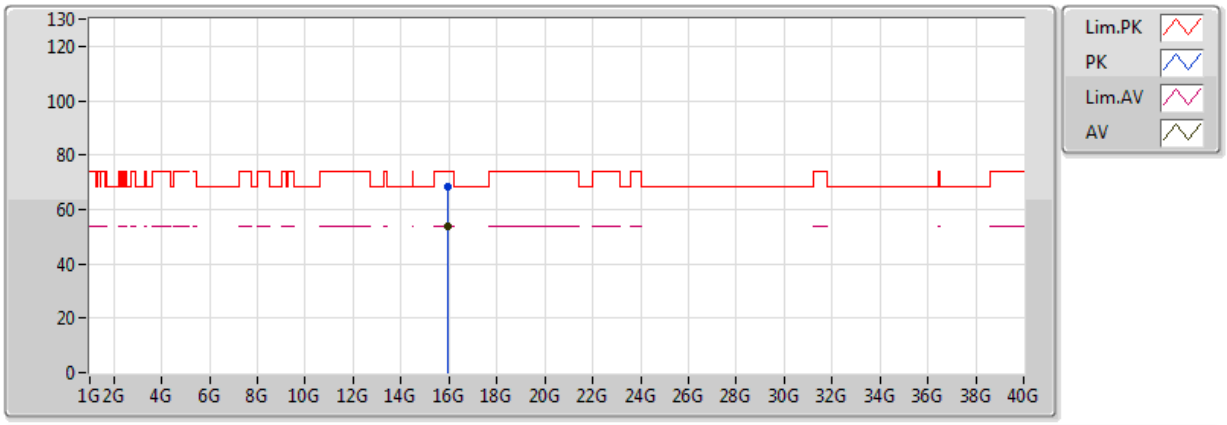


20170414
EUT Y 1TX
Setting 54
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3264G	95.88	Inf	-Inf	9.30	3	H	31	1.90	-
AV	5.3508G	50.07	54.00	-3.93	9.34	3	H	31	1.90	-
PK	5.3256G	105.43	Inf	-Inf	9.30	3	H	31	1.90	-
PK	5.3524G	73.98	74.00	-0.02	9.34	3	H	31	1.90	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

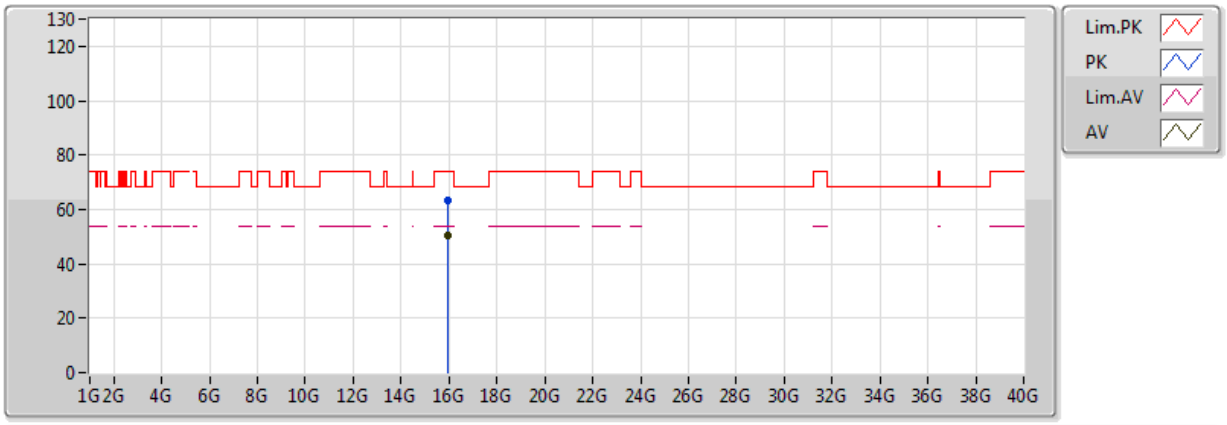


20170414
EUT Y 1TX
Setting 54
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.96102G	53.93	54.00	-0.07	17.03	3	V	38	1.90	-
PK	15.96666G	68.34	74.00	-5.66	17.02	3	V	38	1.90	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

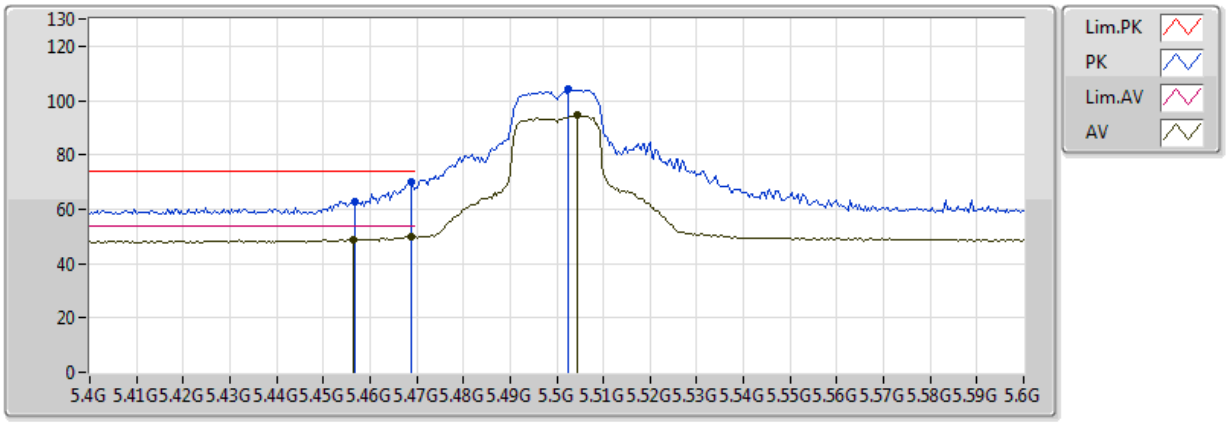


20170414
EUT Y 1TX
Setting 54
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.96138G	50.32	54.00	-3.68	17.03	3	H	224	1.65	-
PK	15.96234G	63.57	74.00	-10.43	17.03	3	H	224	1.65	-

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

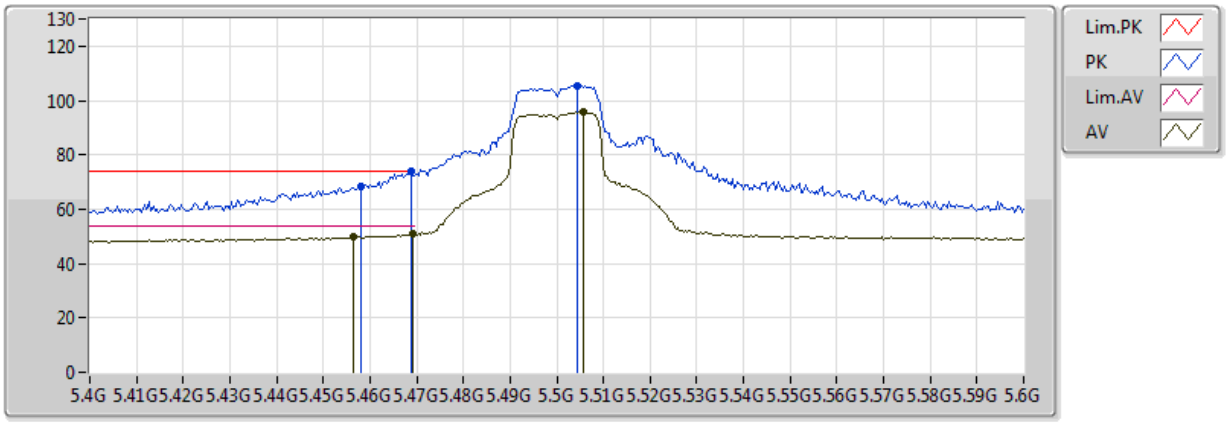


20170414
EUT Y 1TX
Setting 33
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4564G	48.98	54.00	-5.02	9.58	3	V	327	2.85	-
AV	5.5044G	94.43	Inf	-Inf	9.69	3	V	327	2.85	-
PK	5.4688G	70.06	74.00	-3.94	9.61	3	V	327	2.85	-
PK	5.5024G	104.15	Inf	-Inf	9.69	3	V	327	2.85	-
AV	5.4688G	49.83	54.00	-4.17	9.61	3	V	327	2.85	-
PK	5.4568G	62.89	74.00	-11.11	9.58	3	V	327	2.85	-

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

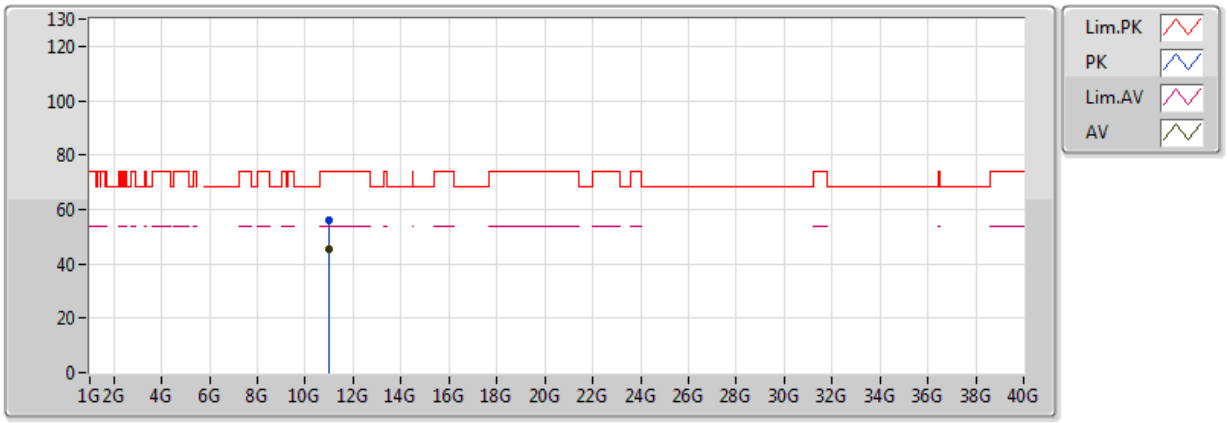


20170414
EUT Y 1TX
Setting 33
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4692G	50.72	54.00	-3.28	9.61	3	H	20	1.50	-
AV	5.5056G	95.88	Inf	-Inf	9.70	3	H	20	1.50	-
PK	5.4688G	73.89	74.00	-0.11	9.61	3	H	20	1.50	-
PK	5.5044G	105.47	Inf	-Inf	9.69	3	H	20	1.50	-
PK	5.458G	68.55	74.00	-5.45	9.58	3	H	20	1.50	-
AV	5.4564G	49.74	54.00	-4.26	9.58	3	H	20	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

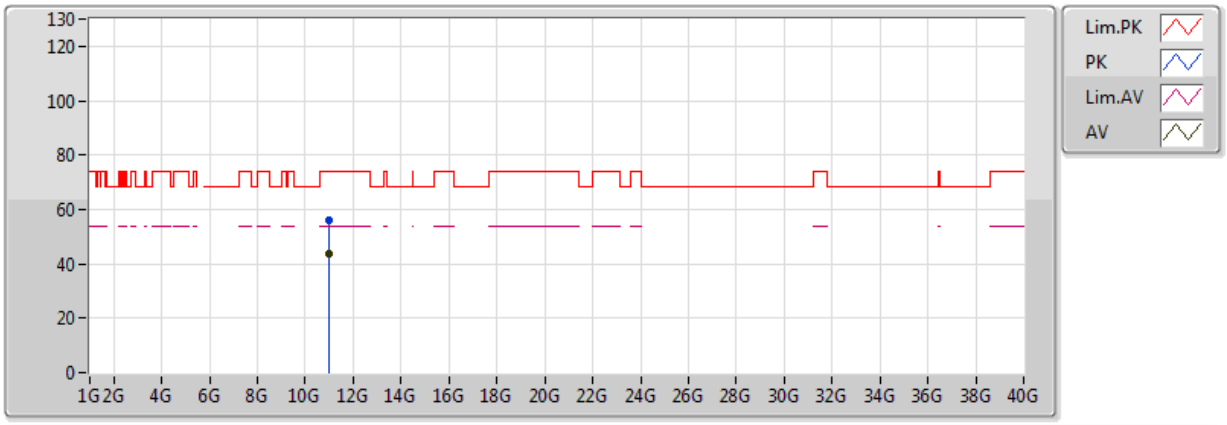


20170414
EUT Y 1TX
Setting 33
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	45.40	54.00	-8.60	15.83	3	V	26	1.72	-
PK	10.99964G	56.10	74.00	-17.90	15.83	3	V	26	1.72	-

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

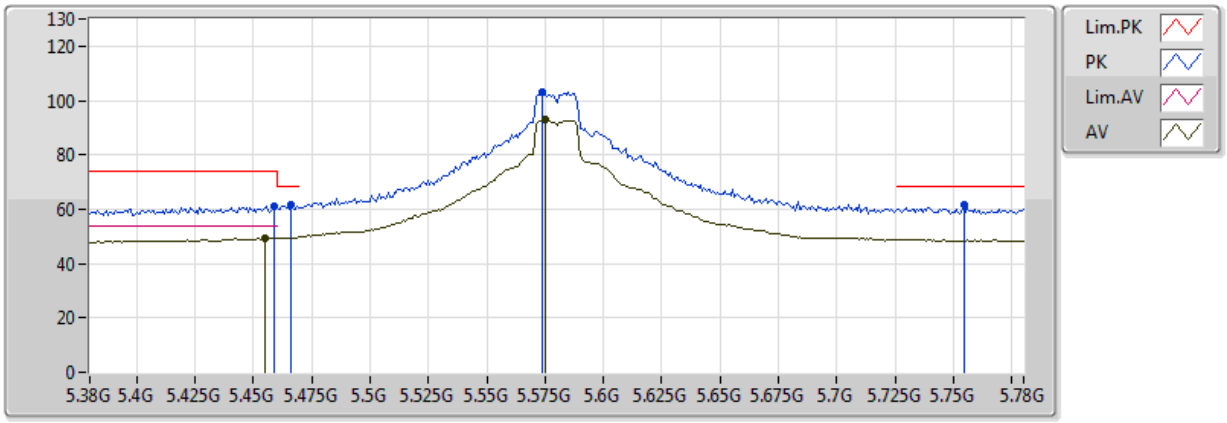


20170414
EUT Y 1TX
Setting 33
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.99994G	43.52	54.00	-10.48	15.83	3	H	33	1.74	-
PK	11.0039G	55.85	74.00	-18.15	15.83	3	H	33	1.74	-

802.11n HT20_Nss1,(MCS0)_1TX

5580MHz_TX

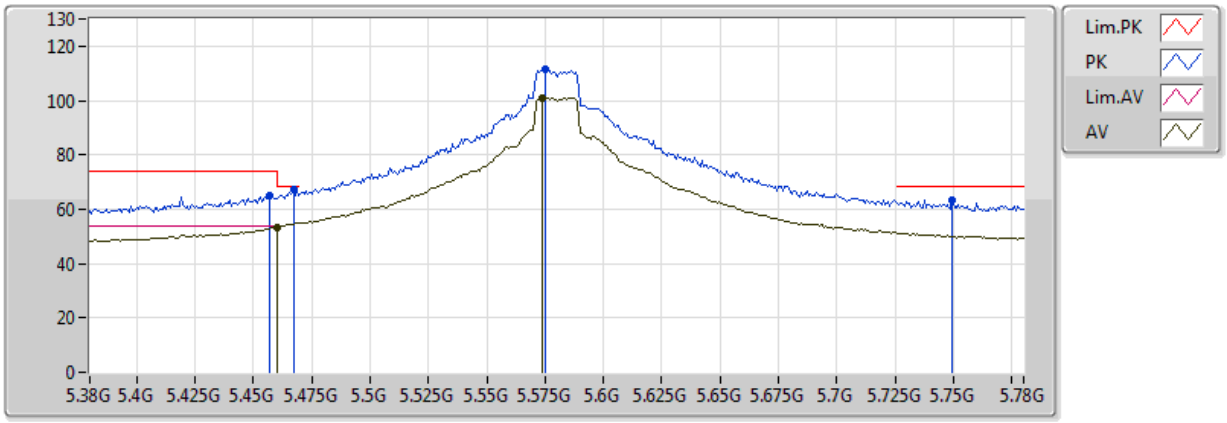


20170414
EUT Y 1TX
Setting 60
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4552G	49.35	54.00	-4.65	9.57	3	V	1	1.77	-
AV	5.5752G	92.87	Inf	-Inf	9.76	3	V	1	1.77	-
PK	5.4592G	60.99	74.00	-13.01	9.58	3	V	1	1.77	-
PK	5.4664G	61.82	68.20	-6.38	9.60	3	V	1	1.77	-
PK	5.5736G	103.37	Inf	-Inf	9.76	3	V	1	1.77	-
PK	5.7544G	61.67	68.20	-6.53	9.81	3	V	1	1.77	-

802.11n HT20_Nss1,(MCS0)_1TX

5580MHz_TX

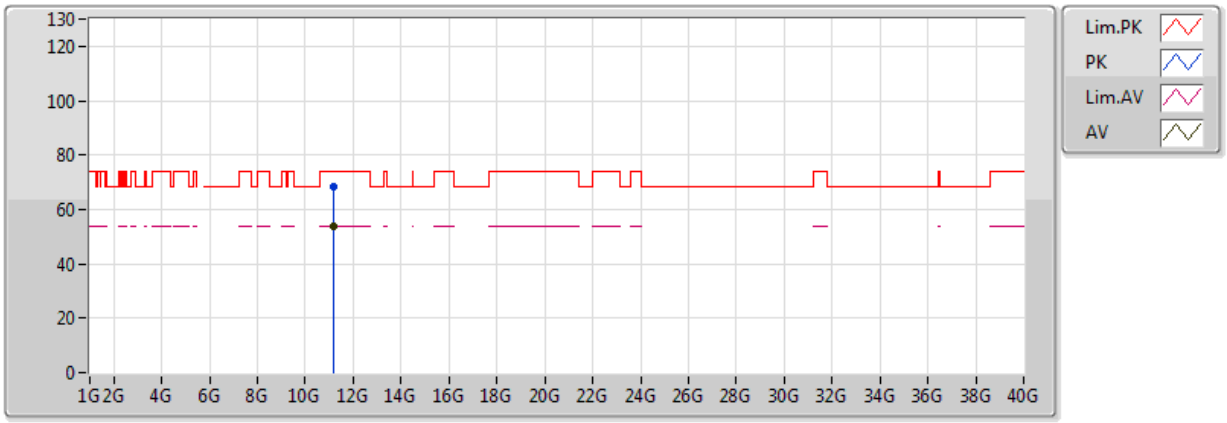


20170414
EUT Y 1TX
Setting 60
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	53.42	54.00	-0.58	9.59	3	H	39	1.85	-
AV	5.5736G	101.06	Inf	-Inf	9.76	3	H	39	1.85	-
PK	5.4568G	64.96	74.00	-9.04	9.58	3	H	39	1.85	-
PK	5.4672G	66.99	68.20	-1.21	9.60	3	H	39	1.85	-
PK	5.5752G	111.73	Inf	-Inf	9.76	3	H	39	1.85	-
PK	5.7496G	63.21	68.20	-4.99	9.81	3	H	39	1.85	-

802.11n HT20_Nss1,(MCS0)_1TX

5580MHz_TX

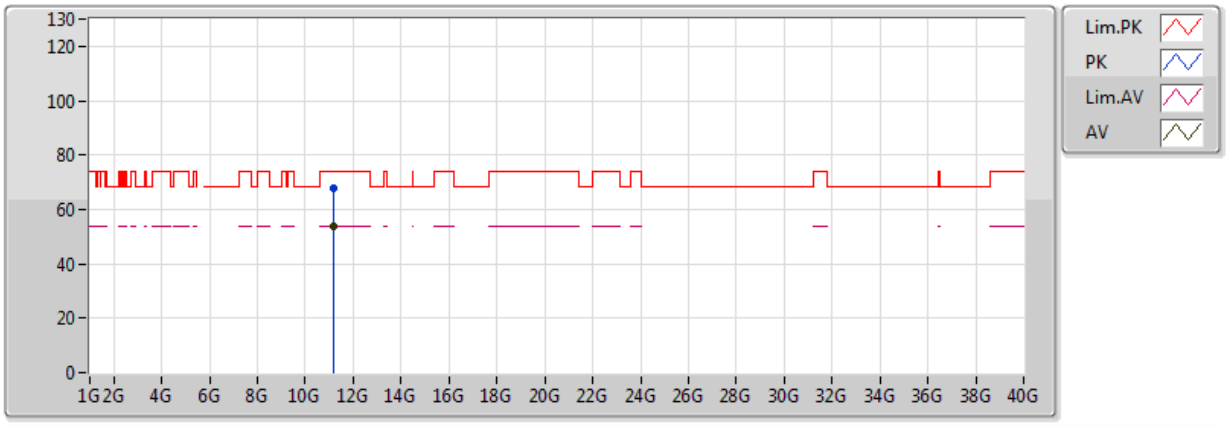


20170414
EUT Y 1TX
Setting 60
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16084G	53.97	54.00	-0.03	15.99	3	V	41	2.16	-
PK	11.15778G	68.64	74.00	-5.36	15.99	3	V	41	2.16	-

802.11n HT20_Nss1,(MCS0)_1TX

5580MHz_TX

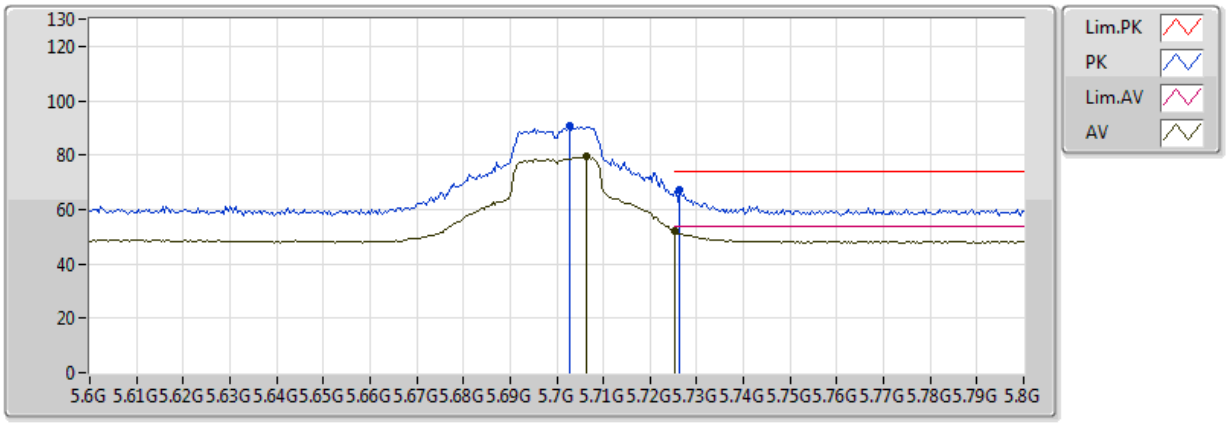


20170414
EUT Y 1TX
Setting 60
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1609G	53.92	54.00	-0.08	15.99	3	H	241	2.19	-
PK	11.1576G	67.94	74.00	-6.06	15.99	3	H	241	2.19	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

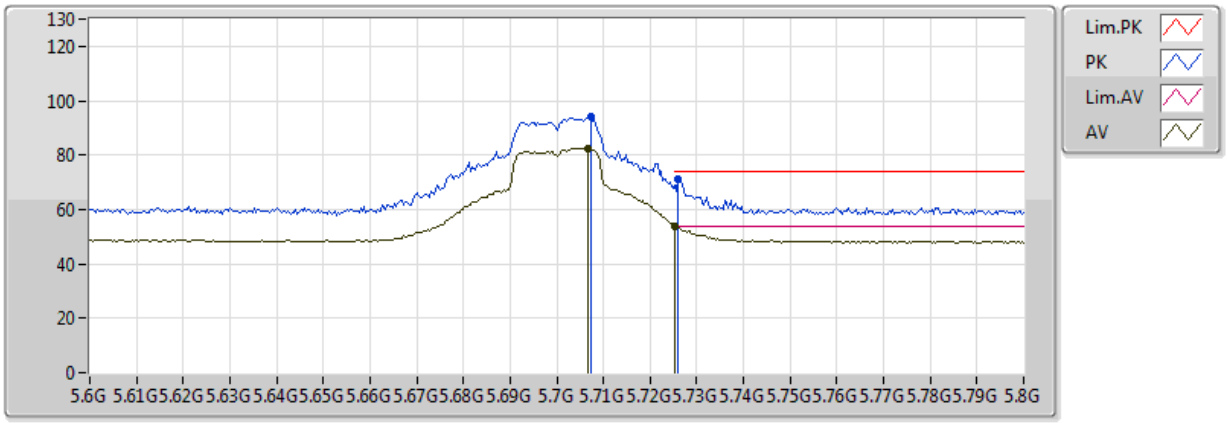


20170414
EUT Y 1TX
Setting 16
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7064G	79.41	Inf	-Inf	9.80	3	V	314	1.74	-
AV	5.7252G	52.32	54.00	-1.68	9.81	3	V	314	1.74	-
PK	5.7028G	90.59	Inf	-Inf	9.80	3	V	314	1.74	-
PK	5.7264G	67.34	74.00	-6.66	9.81	3	V	314	1.74	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

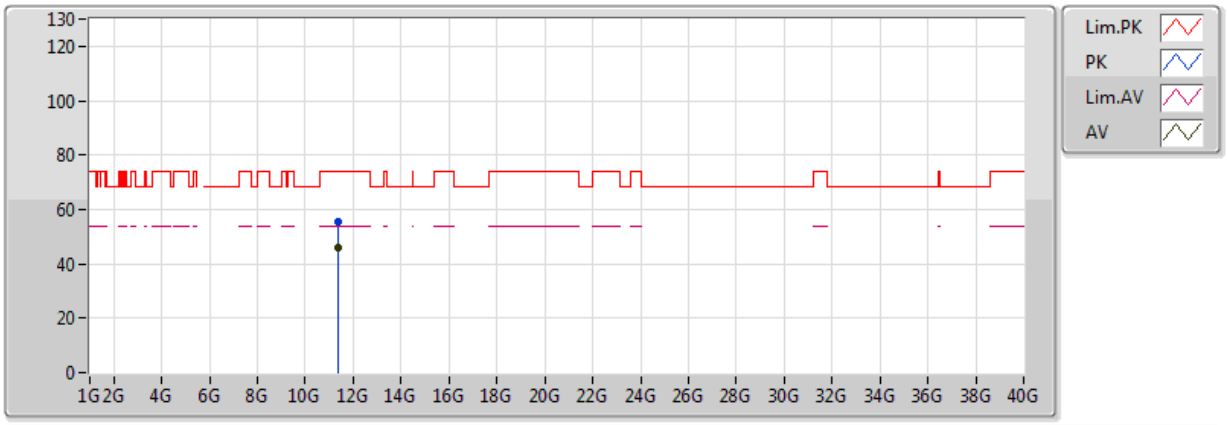


20170414
EUT Y 1TX
Setting 16
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7068G	82.63	Inf	-Inf	9.80	3	H	48	1.77	-
AV	5.7252G	53.97	54.00	-0.03	9.81	3	H	48	1.77	-
PK	5.7072G	93.86	Inf	-Inf	9.80	3	H	48	1.77	-
PK	5.726G	71.12	74.00	-2.88	9.81	3	H	48	1.77	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

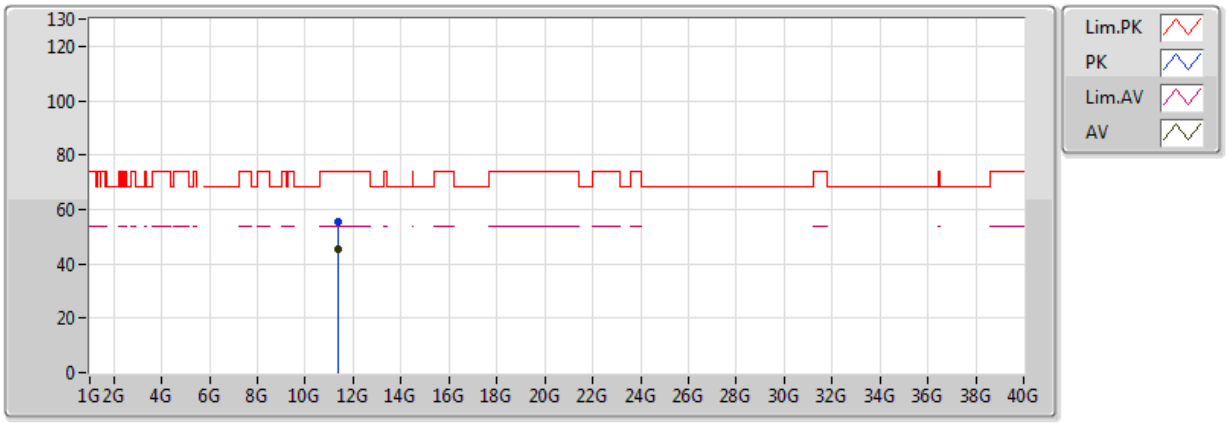


20170414
EUT Y 1TX
Setting 16
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	46.20	54.00	-7.80	16.23	3	V	38	2.20	-
PK	11.40006G	55.75	74.00	-18.25	16.23	3	V	38	2.20	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

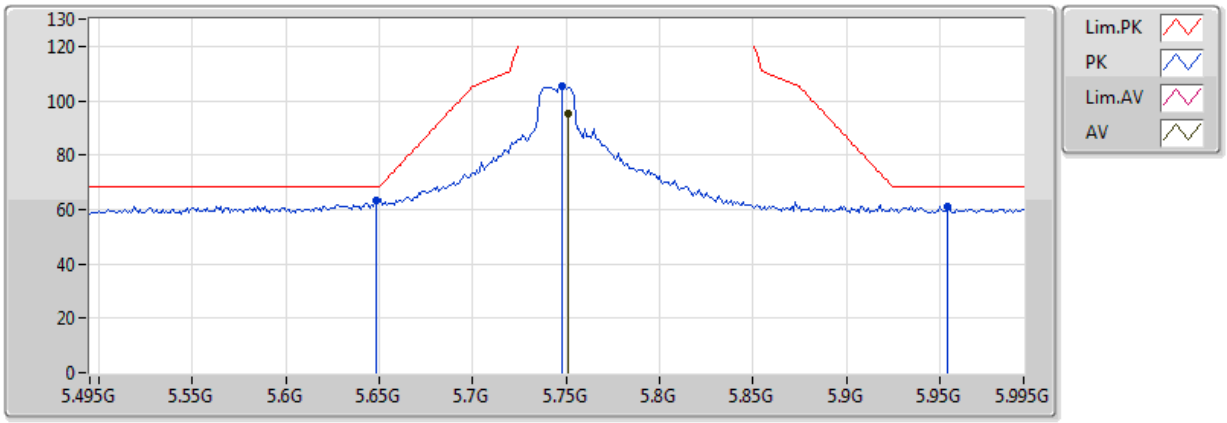


20170414
EUT Y 1TX
Setting 16
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.40006G	45.44	54.00	-8.56	16.23	3	H	59	2.23	-
PK	11.4G	55.69	74.00	-18.31	16.23	3	H	59	2.23	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

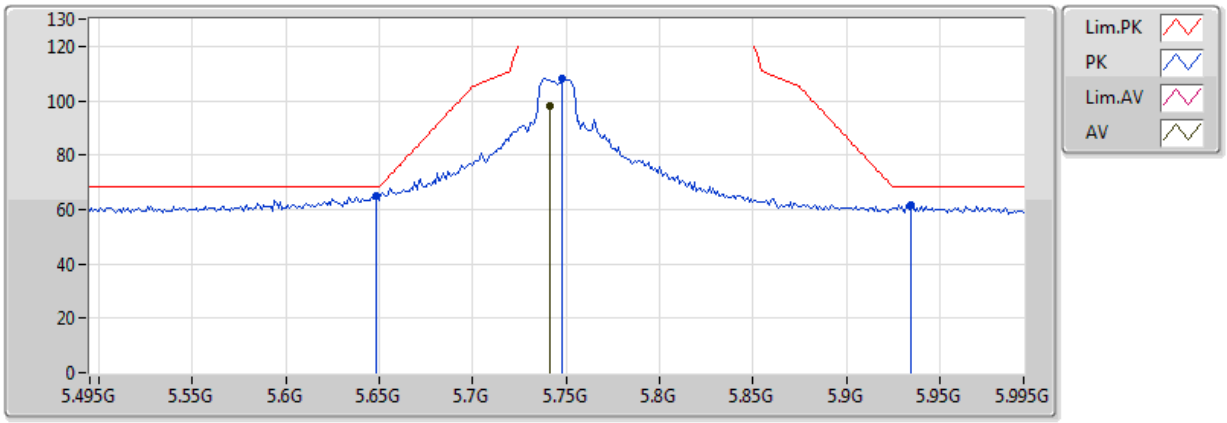


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.751G	95.31	Inf	-Inf	9.81	3	V	298	1.80	-
PK	5.648G	63.20	68.20	-5.00	9.79	3	V	298	1.80	-
PK	5.748G	105.50	Inf	-Inf	9.81	3	V	298	1.80	-
PK	5.954G	61.27	68.20	-6.93	10.04	3	V	298	1.80	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

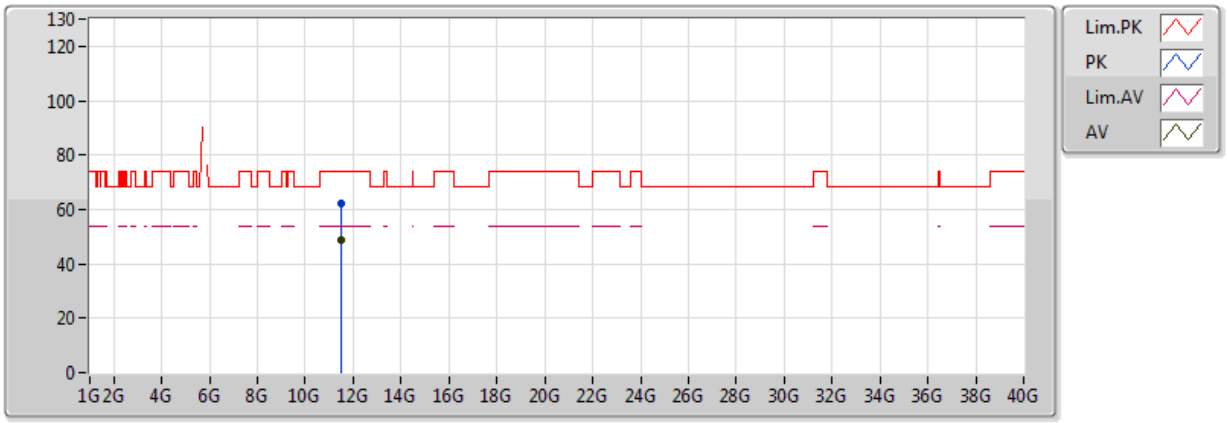


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.741G	98.02	Inf	-Inf	9.81	3	H	20	1.87	-
PK	5.648G	64.76	68.20	-3.44	9.79	3	H	20	1.87	-
PK	5.748G	108.34	Inf	-Inf	9.81	3	H	20	1.87	-
PK	5.935G	61.50	68.20	-6.70	10.01	3	H	20	1.87	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

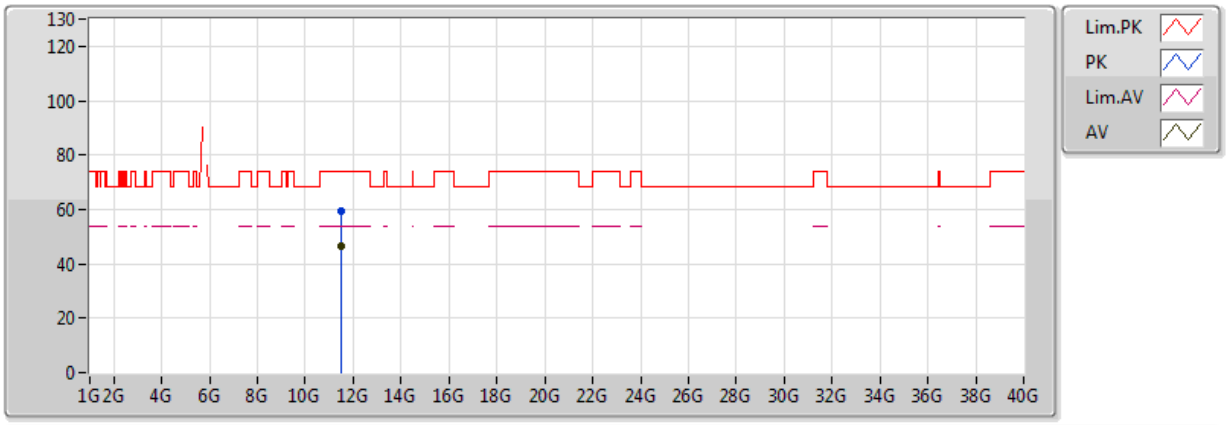


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49006G	48.89	54.00	-5.11	16.32	3	V	35	2.18	-
PK	11.48778G	62.15	74.00	-11.85	16.31	3	V	35	2.18	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

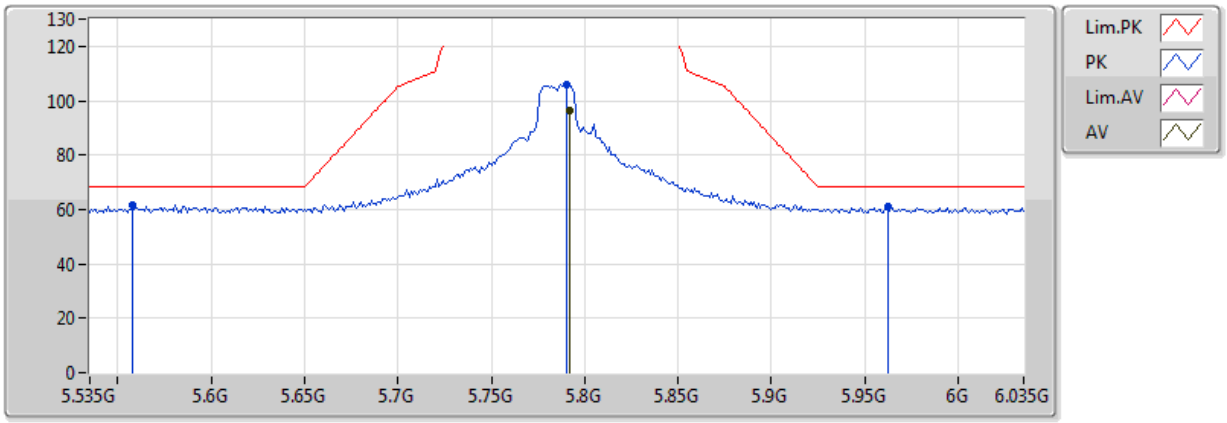


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49066G	46.33	54.00	-7.67	16.32	3	H	14	1.50	-
PK	11.48754G	59.51	74.00	-14.49	16.31	3	H	14	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

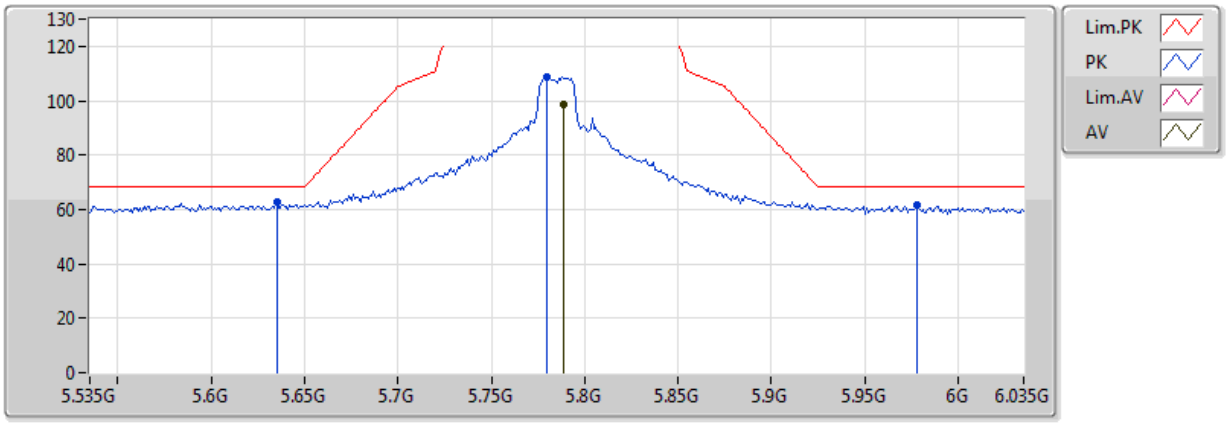


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.792G	96.14	Inf	-Inf	9.82	3	V	301	1.87	-
PK	5.558G	61.54	68.20	-6.66	9.74	3	V	301	1.87	-
PK	5.79G	105.69	Inf	-Inf	9.82	3	V	301	1.87	-
PK	5.962G	61.24	68.20	-6.96	10.05	3	V	301	1.87	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

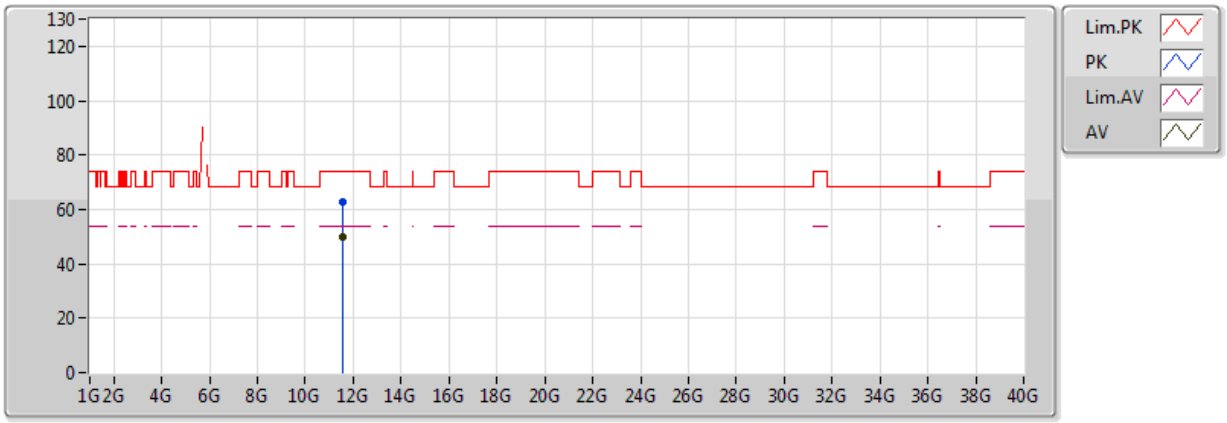


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.789G	98.60	Inf	-Inf	9.82	3	H	37	1.77	-
PK	5.635G	62.62	68.20	-5.58	9.79	3	H	37	1.77	-
PK	5.78G	108.46	Inf	-Inf	9.82	3	H	37	1.77	-
PK	5.978G	61.74	68.20	-6.46	10.07	3	H	37	1.77	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

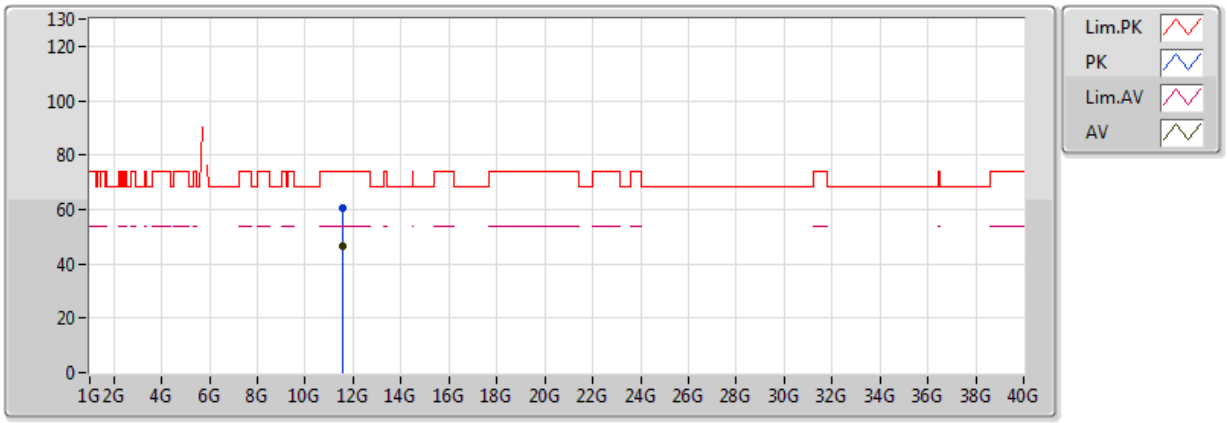


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	49.91	54.00	-4.09	16.39	3	V	44	2.17	-
PK	11.56772G	62.88	74.00	-11.12	16.39	3	V	44	2.17	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

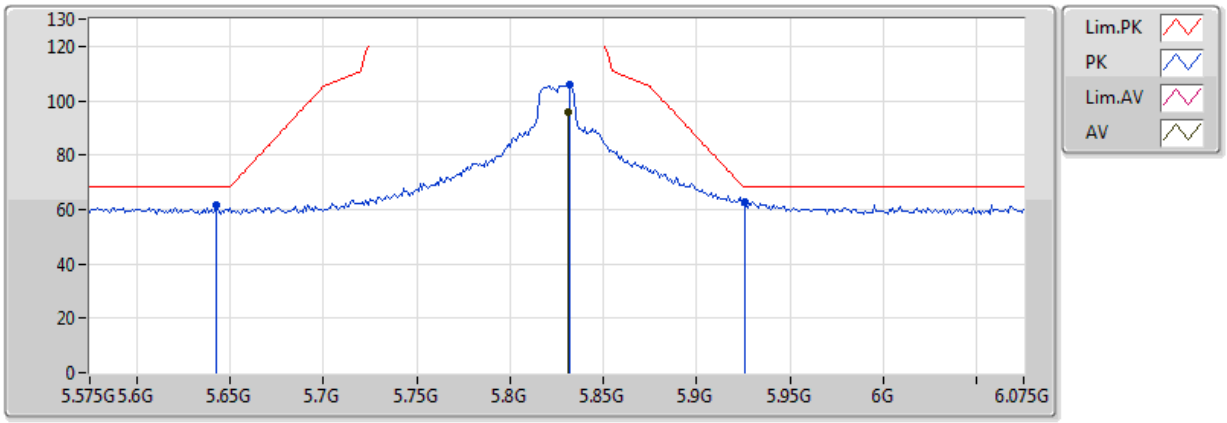


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57072G	46.60	54.00	-7.40	16.40	3	H	21	2.06	-
PK	11.56874G	60.59	74.00	-13.41	16.39	3	H	21	2.06	-

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_TX

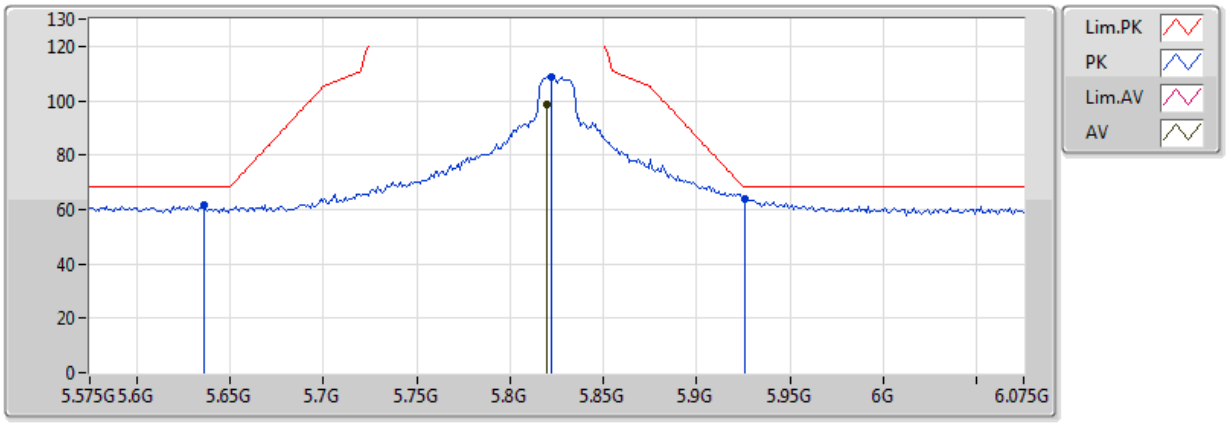


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.831G	95.70	Inf	-Inf	9.86	3	V	324	1.96	-
PK	5.643G	61.70	68.20	-6.50	9.79	3	V	324	1.96	-
PK	5.832G	105.68	Inf	-Inf	9.86	3	V	324	1.96	-
PK	5.926G	62.98	68.20	-5.22	10.00	3	V	324	1.96	-

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_TX

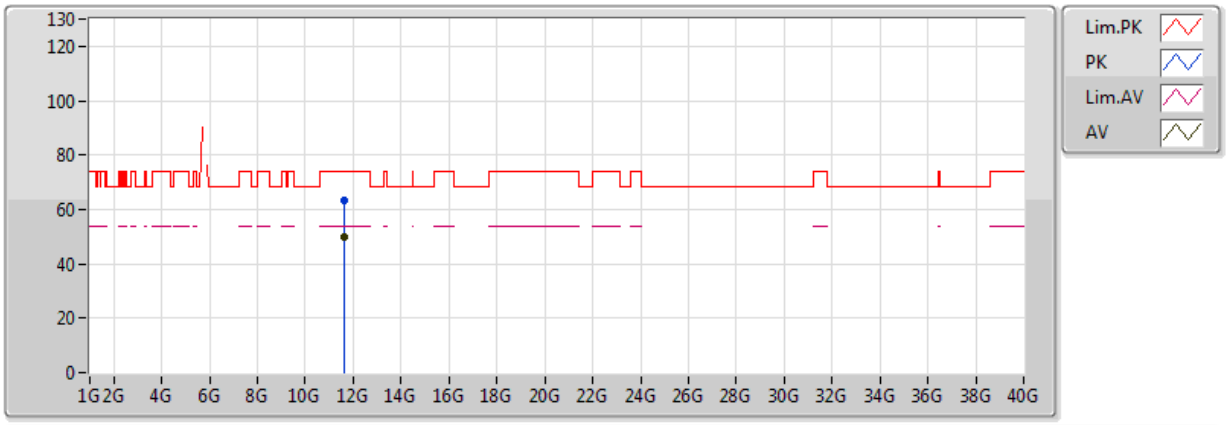


20170414
EUT Y 1TX
Setting 63
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.82G	98.43	Inf	-Inf	9.85	3	H	42	1.75	-
PK	5.636G	61.39	68.20	-6.81	9.79	3	H	42	1.75	-
PK	5.822G	108.98	Inf	-Inf	9.85	3	H	42	1.75	-
PK	5.926G	63.86	68.20	-4.34	10.00	3	H	42	1.75	-

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_TX

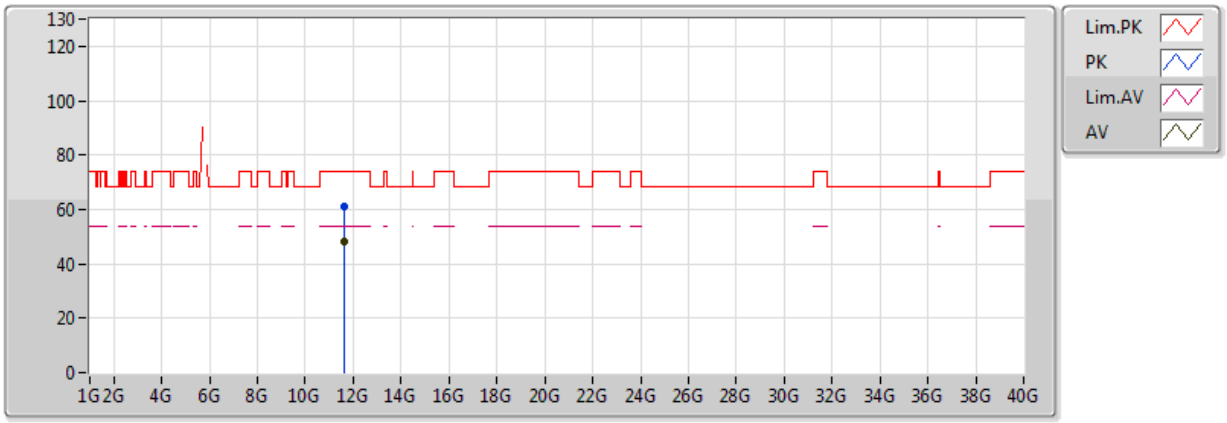


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64994G	50.01	54.00	-3.99	16.47	3	V	37	2.60	-
PK	11.64766G	63.23	74.00	-10.77	16.47	3	V	37	2.60	-

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_TX

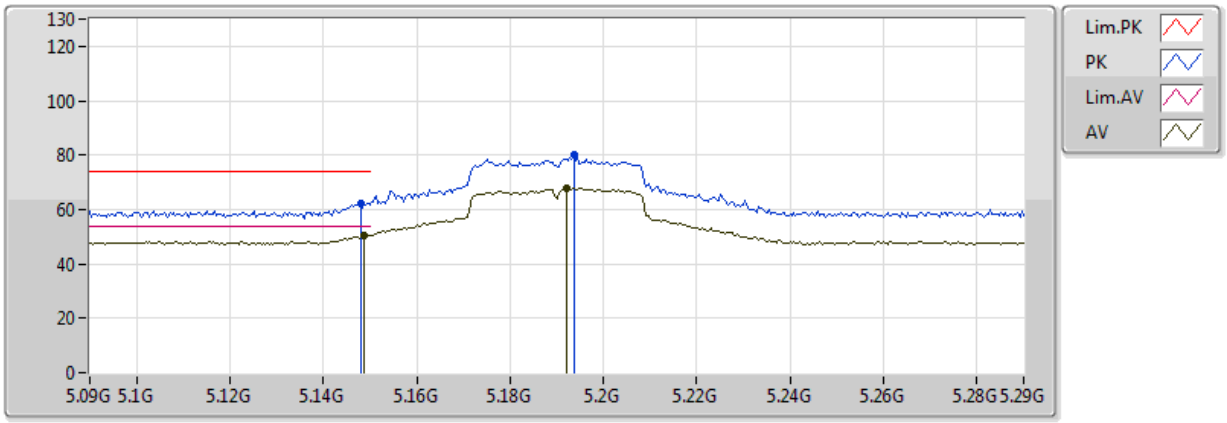


20170414
EUT Y 1TX
Setting 63
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6506G	48.24	54.00	-5.76	16.47	3	H	15	1.53	-
PK	11.64766G	61.26	74.00	-12.74	16.47	3	H	15	1.53	-

802.11n HT40_Nss1,(MCS0)_1TX

5190MHz_TX

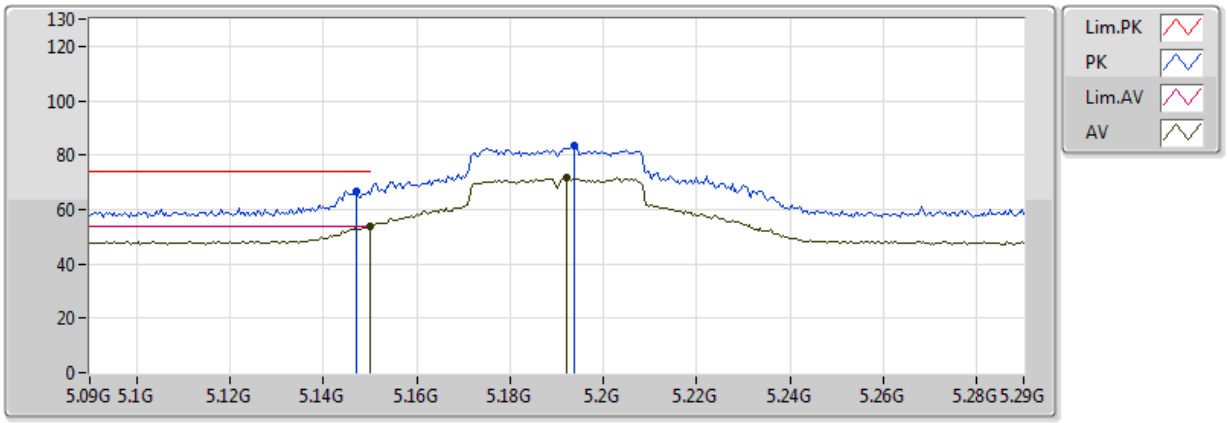


20170414
EUT Y 1TX
Setting 35
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	50.61	54.00	-3.39	8.93	3	V	359	2.80	-
AV	5.192G	67.84	Inf	-Inf	9.04	3	V	359	2.80	-
PK	5.148G	62.38	74.00	-11.62	8.92	3	V	359	2.80	-
PK	5.1936G	80.07	Inf	-Inf	9.04	3	V	359	2.80	-

802.11n HT40_Nss1,(MCS0)_1TX

5190MHz_TX

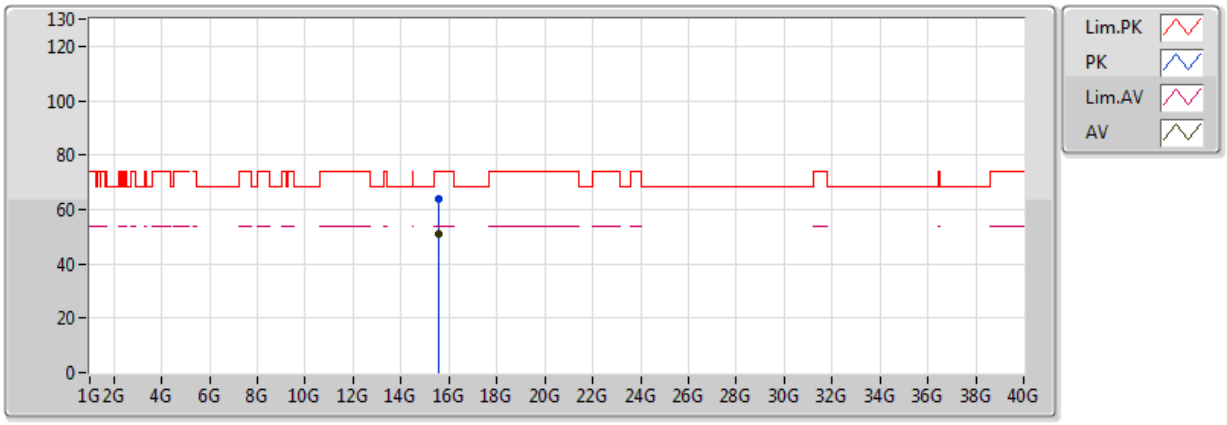


20170414
EUT Y 1TX
Setting 35
02-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.93	54.00	-0.07	8.93	3	H	31	1.70	-
AV	5.192G	71.69	Inf	-Inf	9.04	3	H	31	1.70	-
PK	5.1472G	66.88	74.00	-7.12	8.92	3	H	31	1.70	-
PK	5.1936G	83.60	Inf	-Inf	9.04	3	H	31	1.70	-

802.11n HT40_Nss1,(MCS0)_1TX

5190MHz_TX

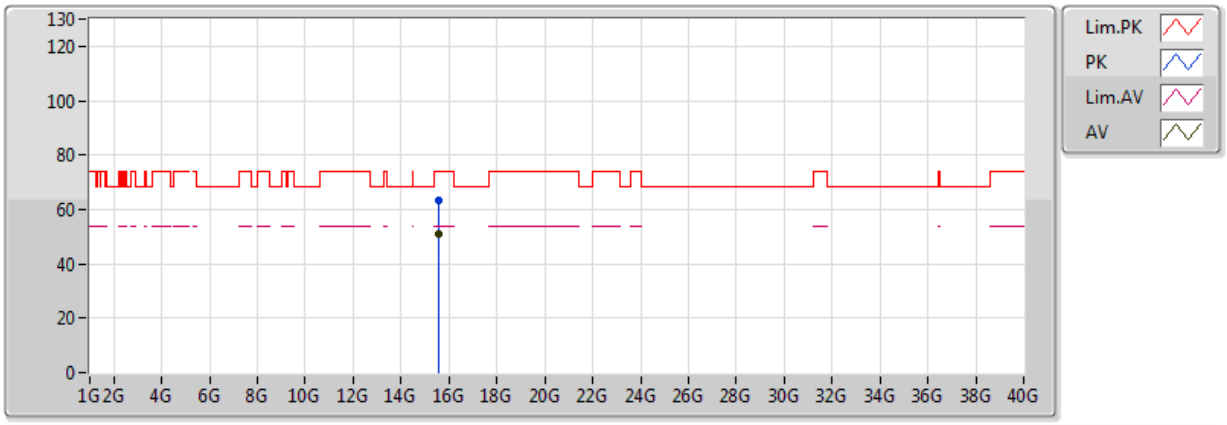


20170414
EUT Y 1TX
Setting 35
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56456G	51.17	54.00	-2.83	19.02	3	V	39	1.48	-
PK	15.58888G	63.66	74.00	-10.34	18.94	3	V	39	1.48	-

802.11n HT40_Nss1,(MCS0)_1TX

5190MHz_TX

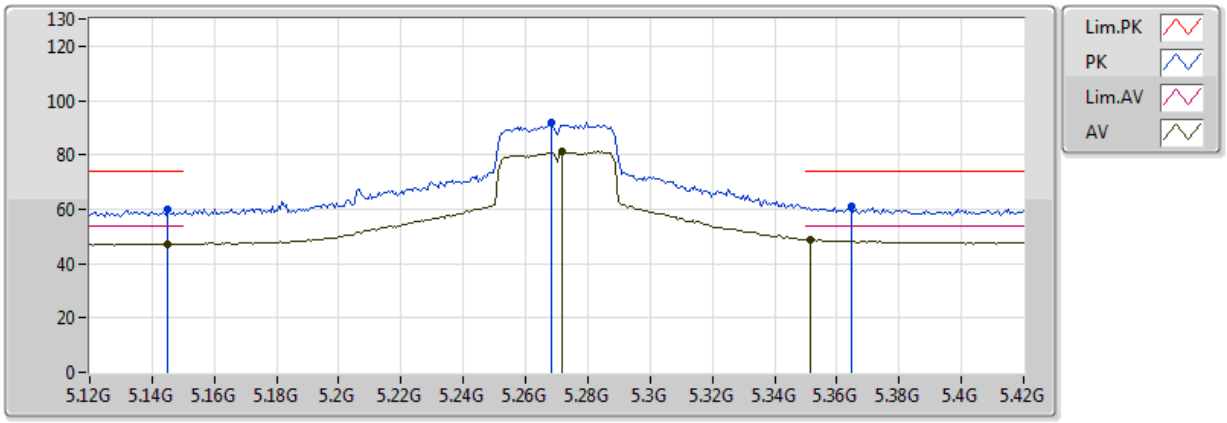


20170414
EUT Y 1TX
Setting 35
02-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5532G	51.26	54.00	-2.74	19.05	3	H	8	2.24	-
PK	15.56328G	63.44	74.00	-10.56	19.02	3	H	8	2.24	-

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

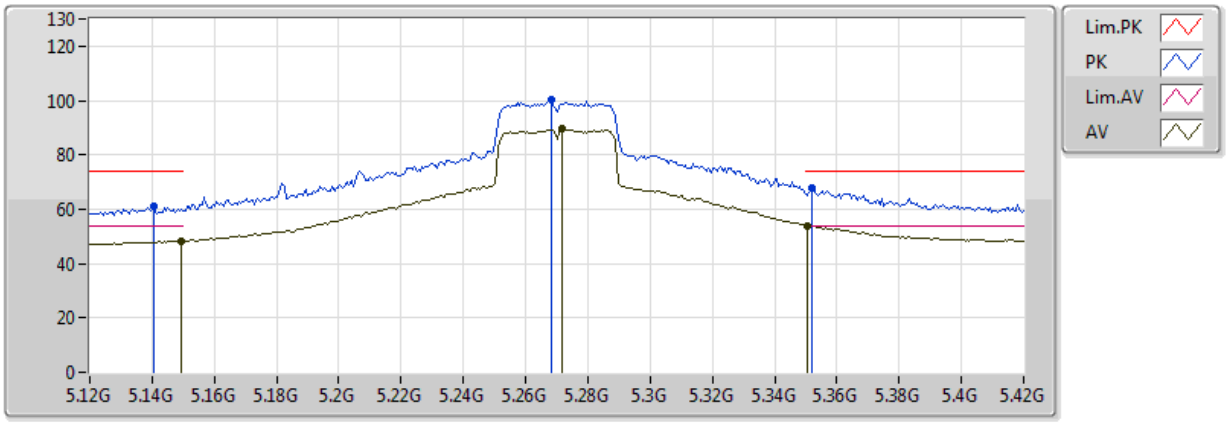


20170415
EUT Y LAN Port 朝下 1TX
Setting 50
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1452G	47.31	54.00	-6.69	7.33	3	V	219	1.94	-
AV	5.2718G	81.52	Inf	-Inf	7.53	3	V	219	1.94	-
AV	5.3516G	49.03	54.00	-4.97	7.66	3	V	219	1.94	-
PK	5.1452G	59.95	74.00	-14.05	7.33	3	V	219	1.94	-
PK	5.2682G	91.87	Inf	-Inf	7.53	3	V	219	1.94	-
PK	5.3648G	60.85	74.00	-13.15	7.68	3	V	219	1.94	-

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

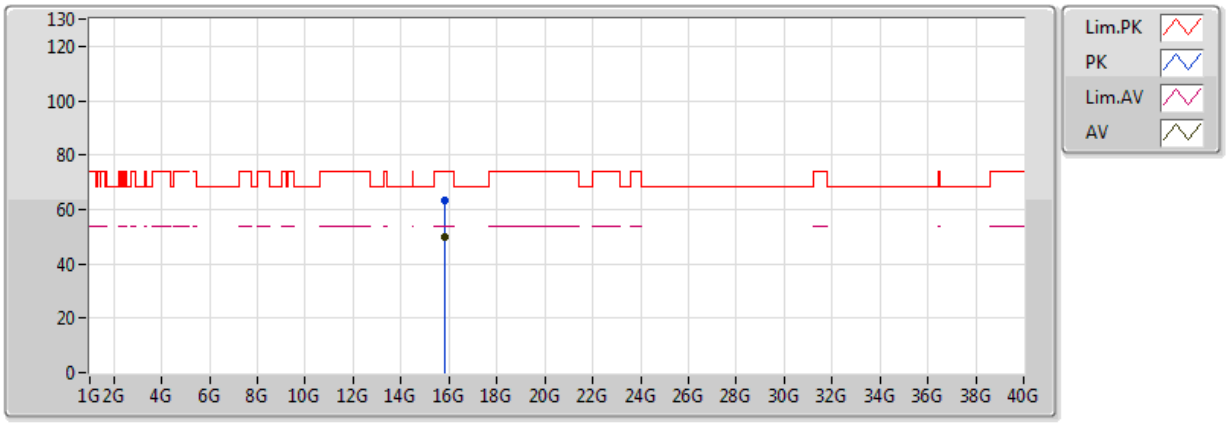


20170415
EUT Y LAN Port 朝下 1TX
Setting 50
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1494G	48.37	54.00	-5.63	7.33	3	H	0	1.58	-
AV	5.2718G	89.70	Inf	-Inf	7.53	3	H	0	1.58	-
AV	5.3504G	53.94	54.00	-0.06	7.66	3	H	0	1.58	-
PK	5.1404G	61.20	74.00	-12.80	7.32	3	H	0	1.58	-
PK	5.2682G	100.25	Inf	-Inf	7.53	3	H	0	1.58	-
PK	5.3522G	67.83	74.00	-6.17	7.66	3	H	0	1.58	-

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

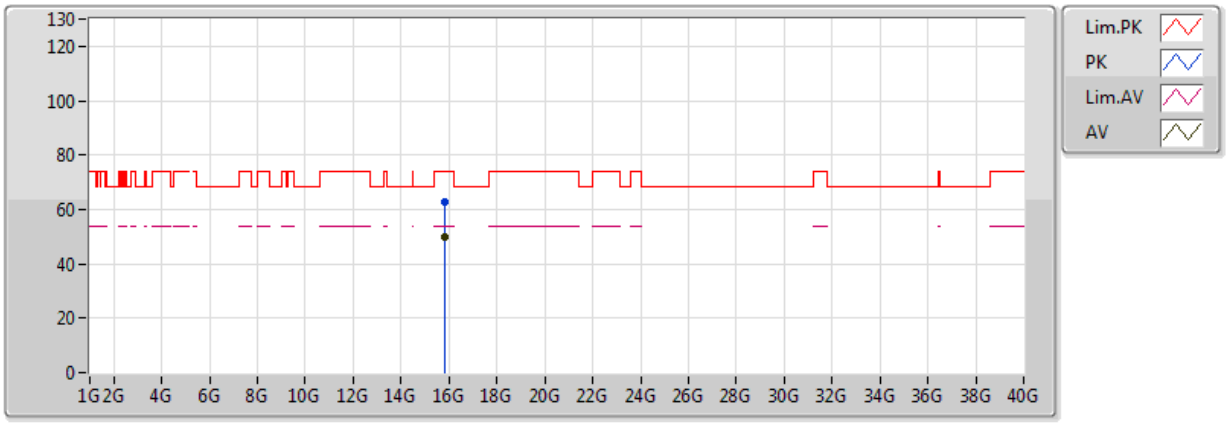


20170415
EUT Y LAN Port 朝下 1TX
Setting 50
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.8224G	50.04	54.00	-3.96	18.23	3	V	14	1.49	-
PK	15.7982G	63.20	74.00	-10.80	18.31	3	V	14	1.49	-

802.11n HT40_Nss1,(MCS0)_1TX

5270MHz_TX

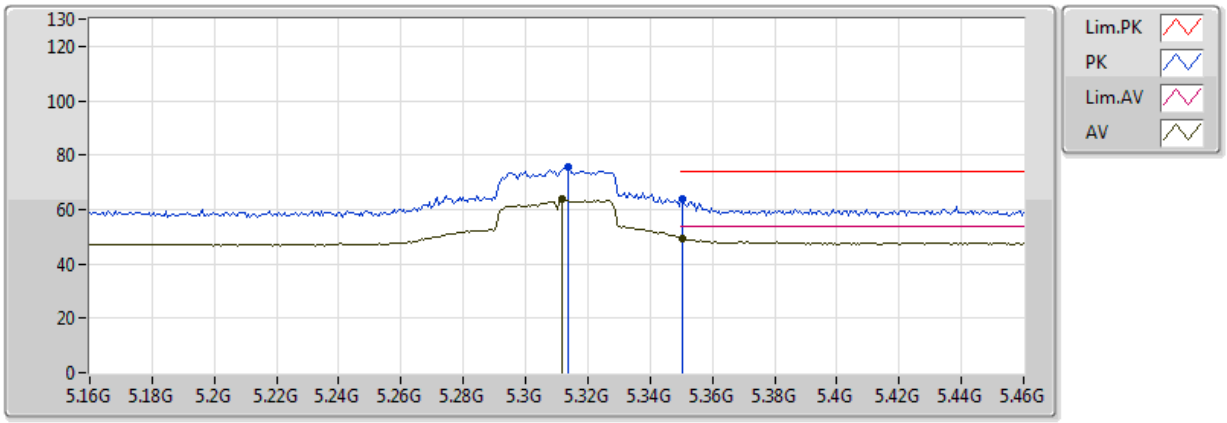


20170415
EUT Y LAN Port 朝下 1TX
Setting 50
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.8232G	49.64	54.00	-4.36	18.23	3	H	317	1.89	-
PK	15.8406G	62.60	74.00	-11.40	18.18	3	H	317	1.89	-

802.11n HT40_Nss1,(MCS0)_1TX

5310MHz_TX

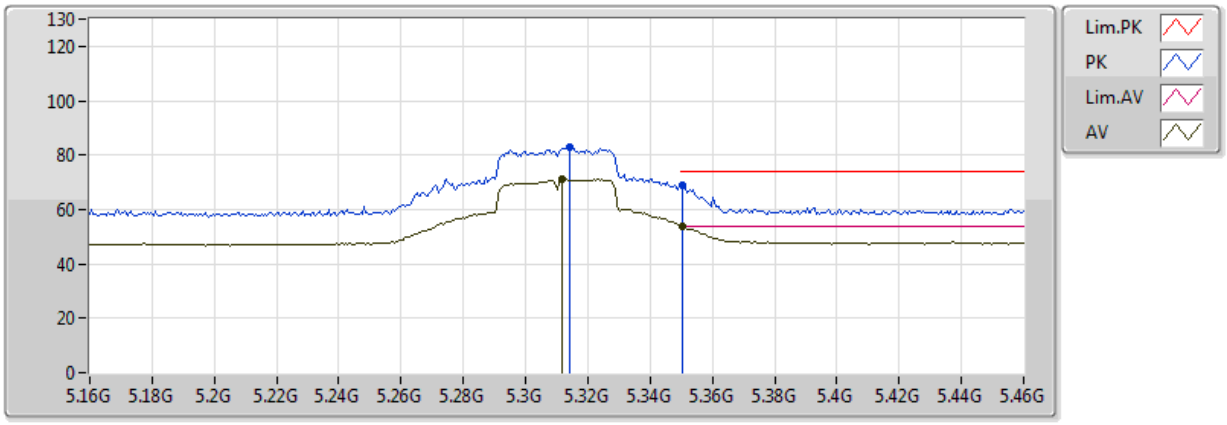


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3118G	63.65	Inf	-Inf	7.60	3	V	216	2.01	-
AV	5.3502G	49.33	54.00	-4.67	7.66	3	V	216	2.01	-
PK	5.3136G	75.78	Inf	-Inf	7.60	3	V	216	2.01	-
PK	5.3502G	63.75	74.00	-10.25	7.66	3	V	216	2.01	-

802.11n HT40_Nss1,(MCS0)_1TX

5310MHz_TX

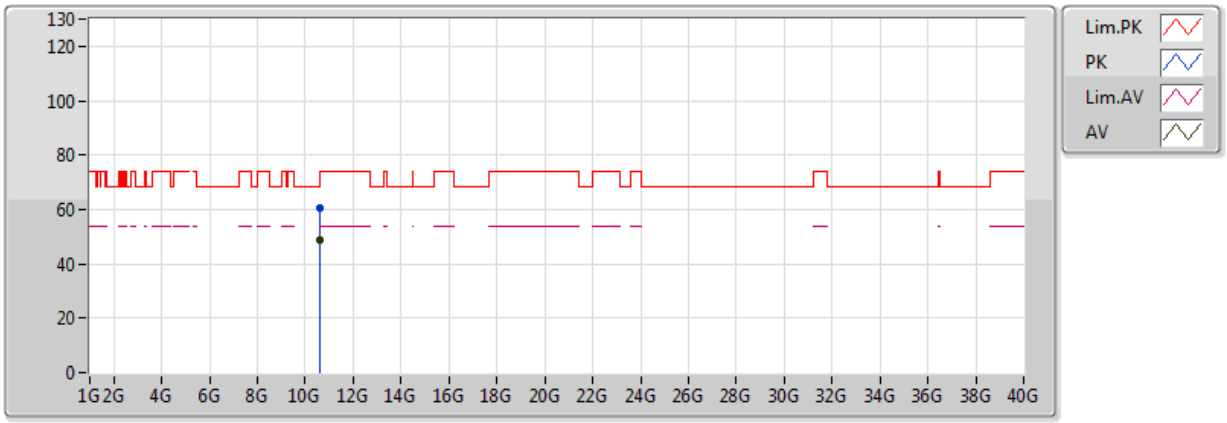


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3118G	71.28	Inf	-Inf	7.60	3	H	3	1.50	-
AV	5.3502G	53.84	54.00	-0.16	7.66	3	H	3	1.50	-
PK	5.3142G	83.18	Inf	-Inf	7.60	3	H	3	1.50	-
PK	5.3502G	68.75	74.00	-5.25	7.66	3	H	3	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

5310MHz_TX

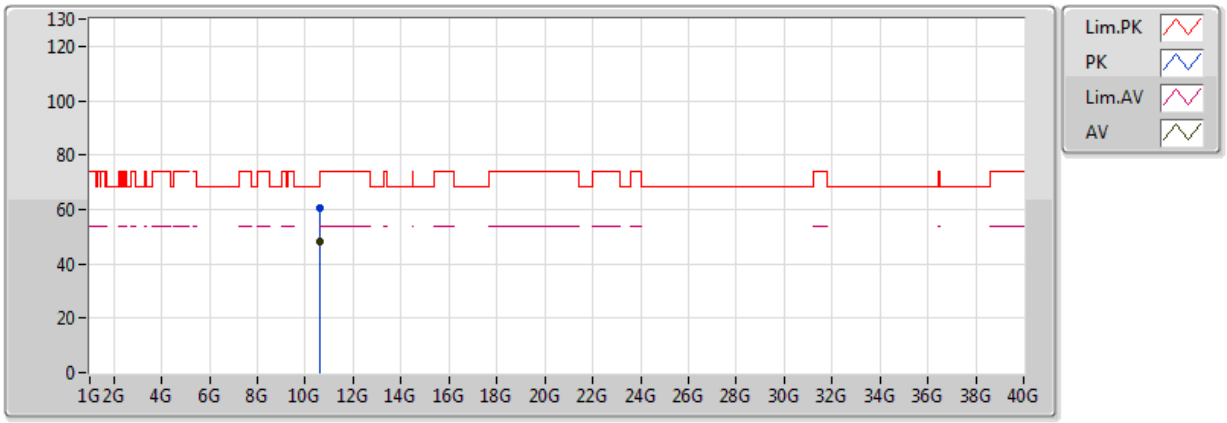


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62G	49.03	54.00	-4.97	18.24	3	V	0	1.58	-
PK	10.61998G	60.69	74.00	-13.31	18.24	3	V	0	1.58	-

802.11n HT40_Nss1,(MCS0)_1TX

5310MHz_TX

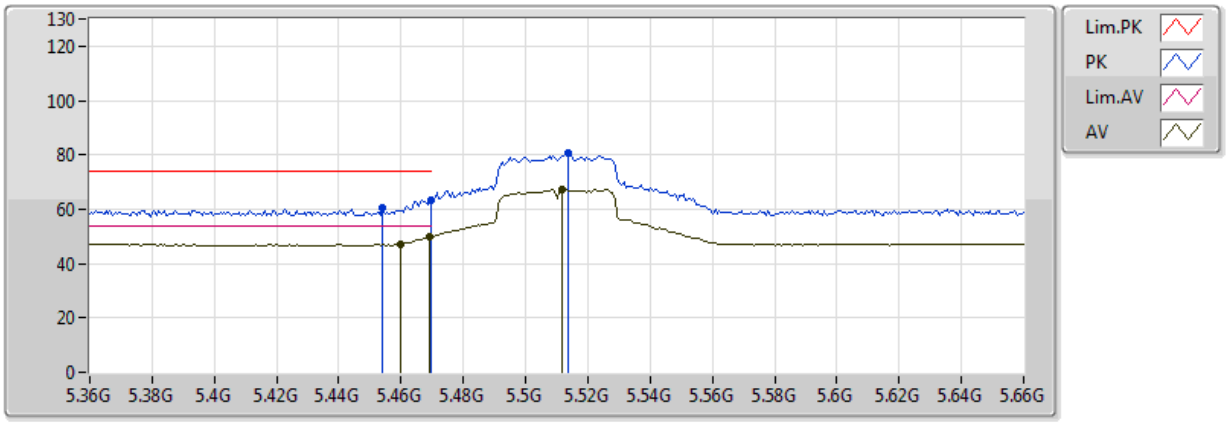


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.61992G	48.03	54.00	-5.97	18.24	3	H	236	1.89	-
PK	10.61988G	60.42	74.00	-13.58	18.24	3	H	236	1.89	-

802.11n HT40_Nss1,(MCS0)_1TX

5510MHz_TX

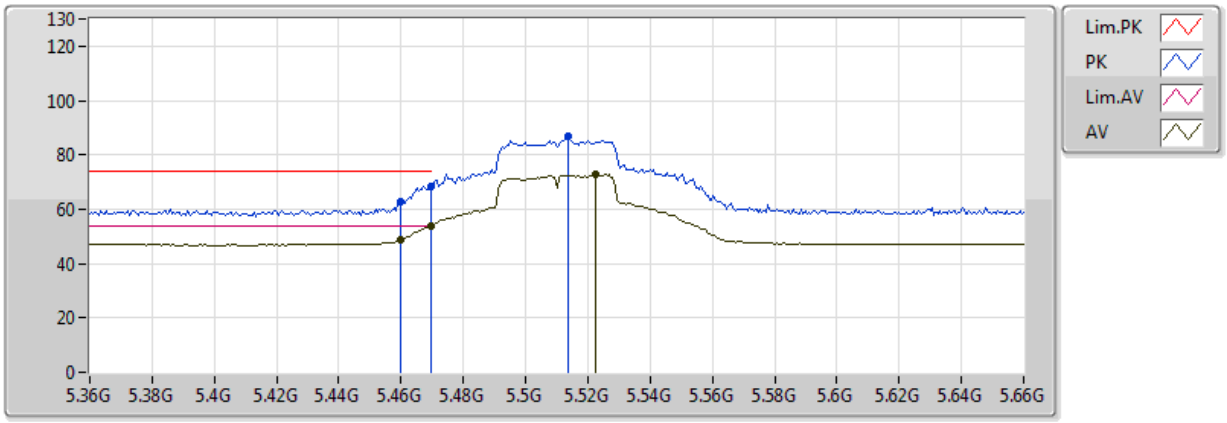


20170415
EUT Y LAN Port 朝下 1TX
Setting 11
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459995G	47.29	54.00	-6.71	7.83	3	V	312	2.71	-
AV	5.4692G	49.80	54.00	-4.20	7.84	3	V	312	2.71	-
AV	5.5118G	67.42	Inf	-Inf	7.92	3	V	312	2.71	-
PK	5.4542G	60.32	74.00	-13.68	7.82	3	V	312	2.71	-
PK	5.4698G	63.57	74.00	-10.43	7.84	3	V	312	2.71	-
PK	5.5136G	80.94	Inf	-Inf	7.92	3	V	312	2.71	-

802.11n HT40_Nss1,(MCS0)_1TX

5510MHz_TX

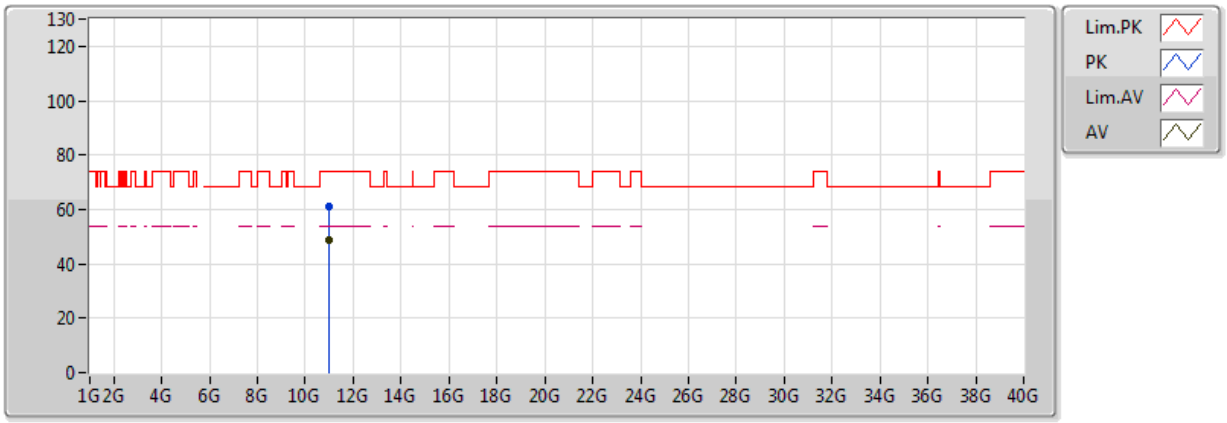


20170415
EUT Y LAN Port 朝下 1TX
Setting 11
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459995G	48.83	54.00	-5.17	7.83	3	H	9	1.47	-
AV	5.4698G	53.78	54.00	-0.22	7.84	3	H	9	1.47	-
AV	5.5226G	72.87	Inf	-Inf	7.94	3	H	9	1.47	-
PK	5.4596G	63.00	74.00	-11.00	7.83	3	H	9	1.47	-
PK	5.4698G	68.23	74.00	-5.77	7.84	3	H	9	1.47	-
PK	5.5136G	86.61	Inf	-Inf	7.92	3	H	9	1.47	-

802.11n HT40_Nss1,(MCS0)_1TX

5510MHz_TX

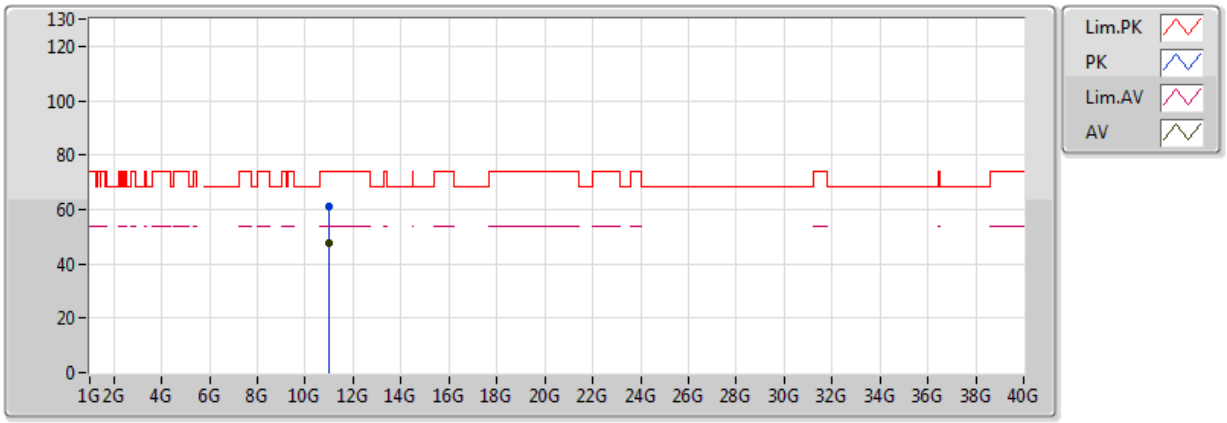


20170415
EUT Y LAN Port 朝下 1TX
Setting 11
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.01992G	48.74	54.00	-5.26	18.58	3	V	351	1.50	-
PK	11.01456G	60.92	74.00	-13.08	18.58	3	V	351	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

5510MHz_TX

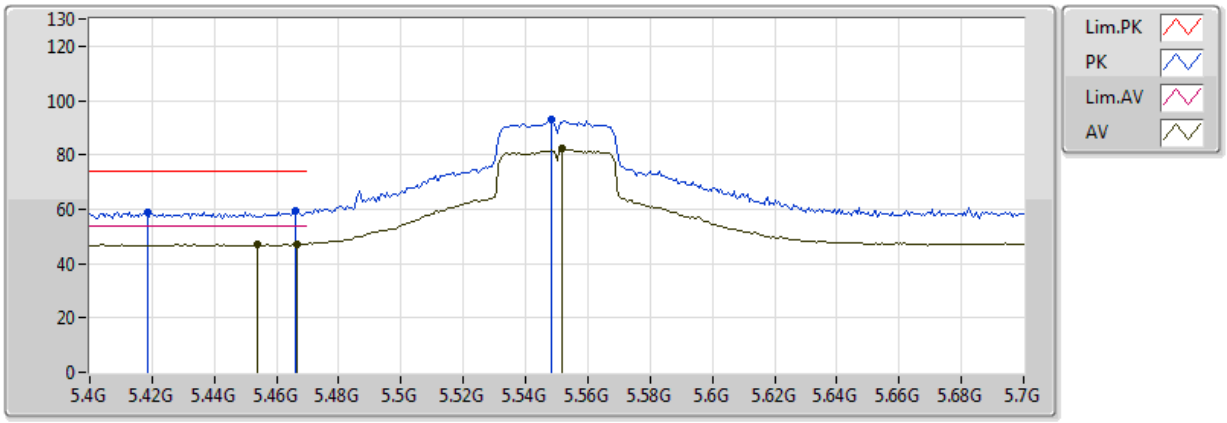


20170415
EUT Y LAN Port 朝下 1TX
Setting 11
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.01984G	47.90	54.00	-6.10	18.58	3	H	4	1.47	-
PK	11.02G	61.19	74.00	-12.81	18.58	3	H	4	1.47	-

802.11n HT40_Nss1,(MCS0)_1TX

5550MHz_TX

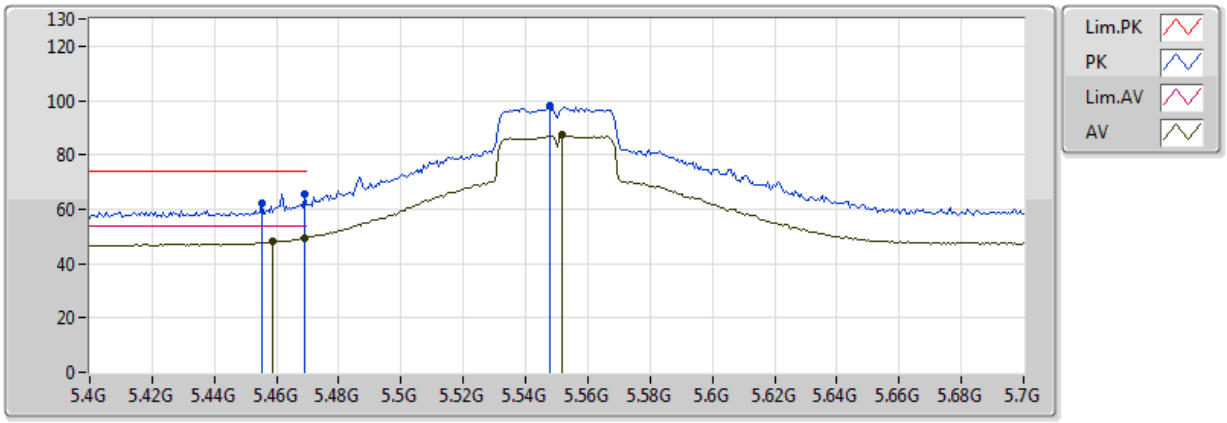


20170415
EUT Y LAN Port 朝下 1TX
Setting 28
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.454G	47.01	54.00	-6.99	7.82	3	V	308	2.94	-
AV	5.4666G	47.26	54.00	-6.74	7.84	3	V	308	2.94	-
AV	5.5518G	82.38	Inf	-Inf	8.00	3	V	308	2.94	-
PK	5.4186G	58.66	74.00	-15.34	7.76	3	V	308	2.94	-
PK	5.466G	59.44	74.00	-14.56	7.84	3	V	308	2.94	-
PK	5.5482G	92.81	Inf	-Inf	8.00	3	V	308	2.94	-

802.11n HT40_Nss1,(MCS0)_1TX

5550MHz_TX

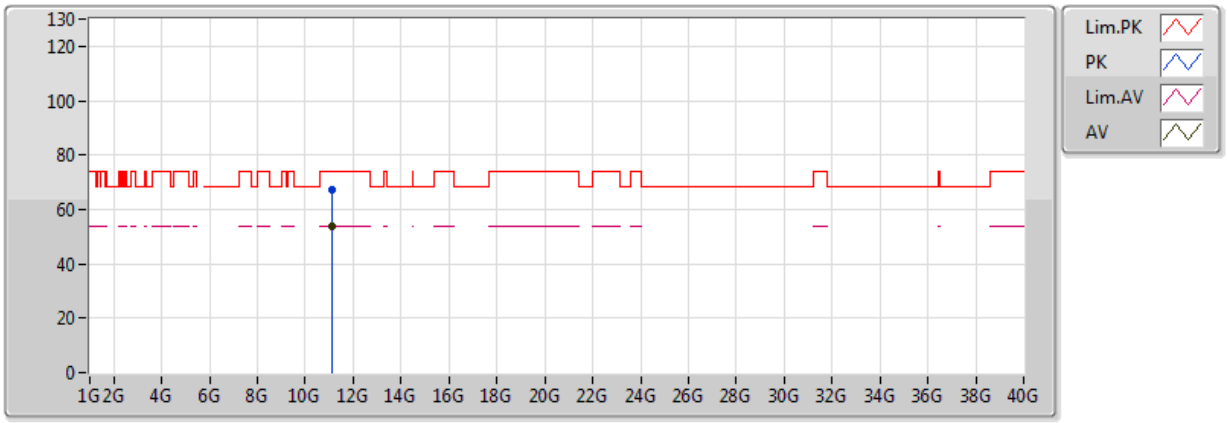


20170415
EUT Y LAN Port 朝下 1TX
Setting 28
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4588G	48.03	54.00	-5.97	7.82	3	H	11	1.48	-
AV	5.469G	49.43	54.00	-4.57	7.84	3	H	11	1.48	-
AV	5.5518G	87.52	Inf	-Inf	8.00	3	H	11	1.48	-
PK	5.4552G	62.04	74.00	-11.96	7.82	3	H	11	1.48	-
PK	5.469G	65.77	74.00	-8.23	7.84	3	H	11	1.48	-
PK	5.5476G	97.99	Inf	-Inf	7.99	3	H	11	1.48	-

802.11n HT40_Nss1,(MCS0)_1TX

5550MHz_TX

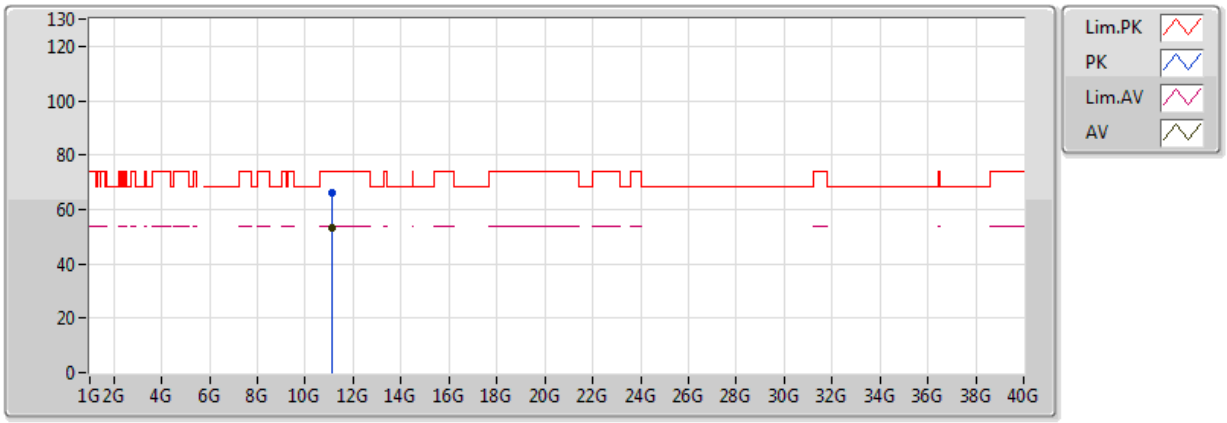


20170415
EUT Y LAN Port 朝下 1TX
Setting 28
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.0986G	53.77	54.00	-0.23	18.48	3	V	356	2.18	-
PK	11.0962G	67.32	74.00	-6.68	18.49	3	V	356	2.18	-

802.11n HT40_Nss1,(MCS0)_1TX

5550MHz_TX

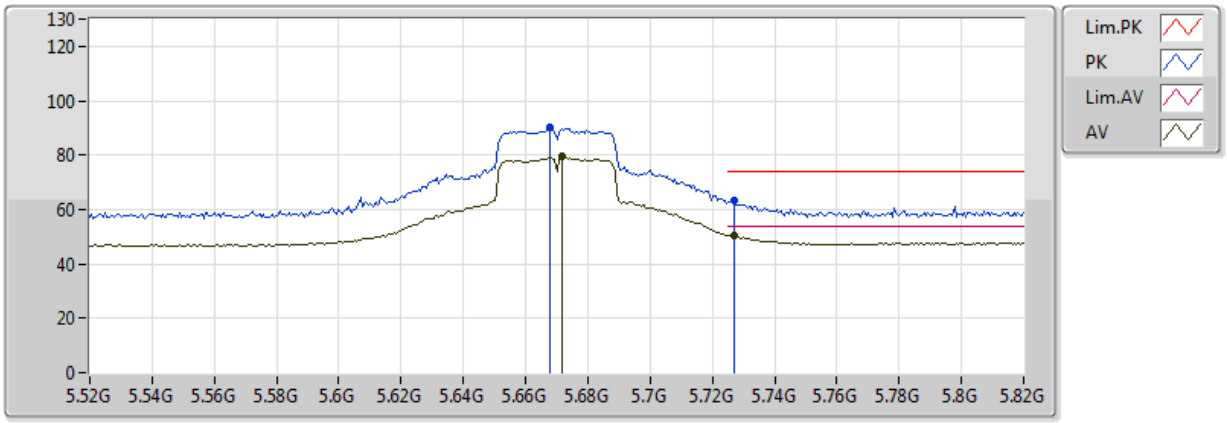


20170415
EUT Y LAN Port 朝下 1TX
Setting 28
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.0986G	53.09	54.00	-0.91	18.48	3	H	85	1.96	-
PK	11.1012G	66.38	74.00	-7.62	18.48	3	H	85	1.96	-

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

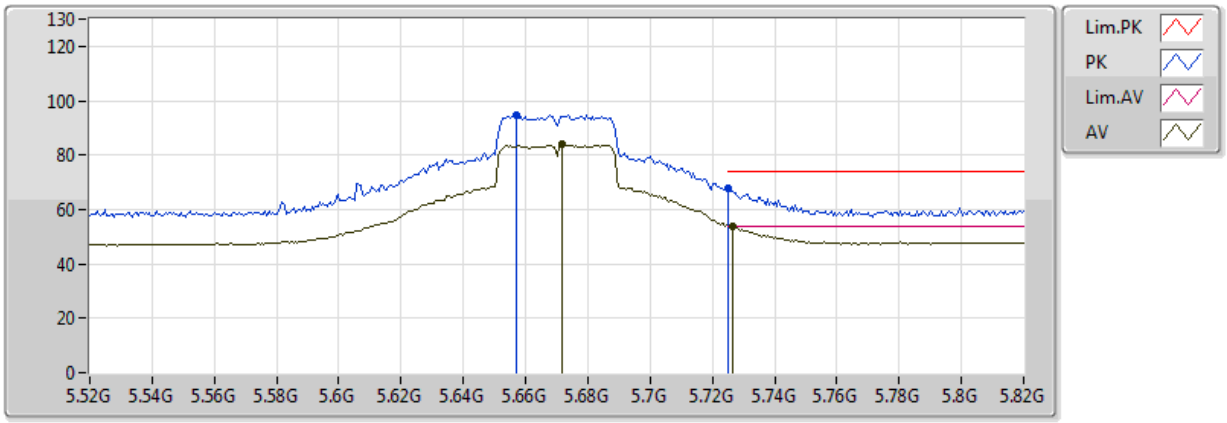


20170415
EUT Y LAN Port 朝下 1TX
Setting 21
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6718G	79.46	Inf	-Inf	8.24	3	V	294	2.33	-
AV	5.727G	50.51	54.00	-3.49	8.34	3	V	294	2.33	-
PK	5.6676G	90.15	Inf	-Inf	8.23	3	V	294	2.33	-
PK	5.727G	63.17	74.00	-10.83	8.34	3	V	294	2.33	-

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

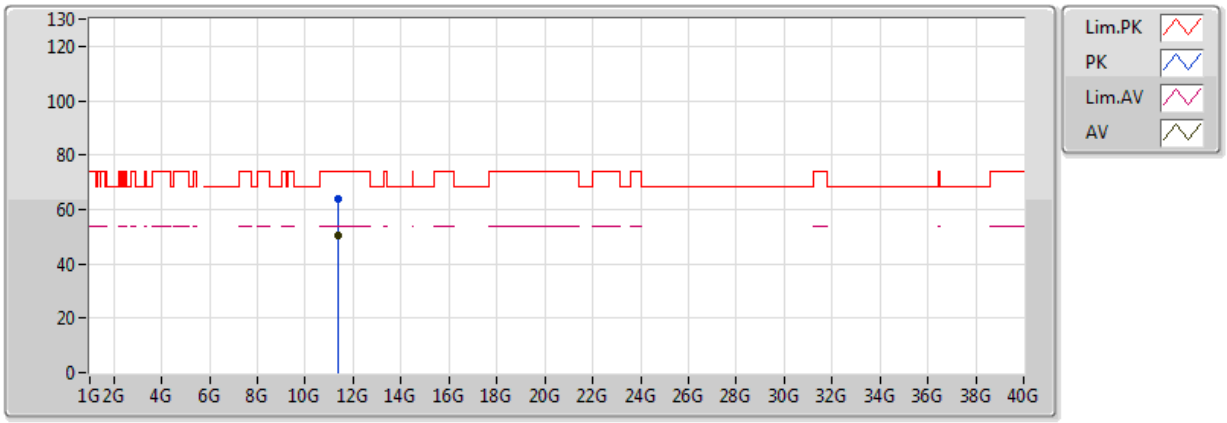


20170415
EUT Y LAN Port 朝下 1TX
Setting 21
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6718G	84.09	Inf	-Inf	8.24	3	H	11	1.50	-
AV	5.7264G	53.92	54.00	-0.08	8.34	3	H	11	1.50	-
PK	5.6568G	94.64	Inf	-Inf	8.21	3	H	11	1.50	-
PK	5.7252G	67.78	74.00	-6.22	8.34	3	H	11	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

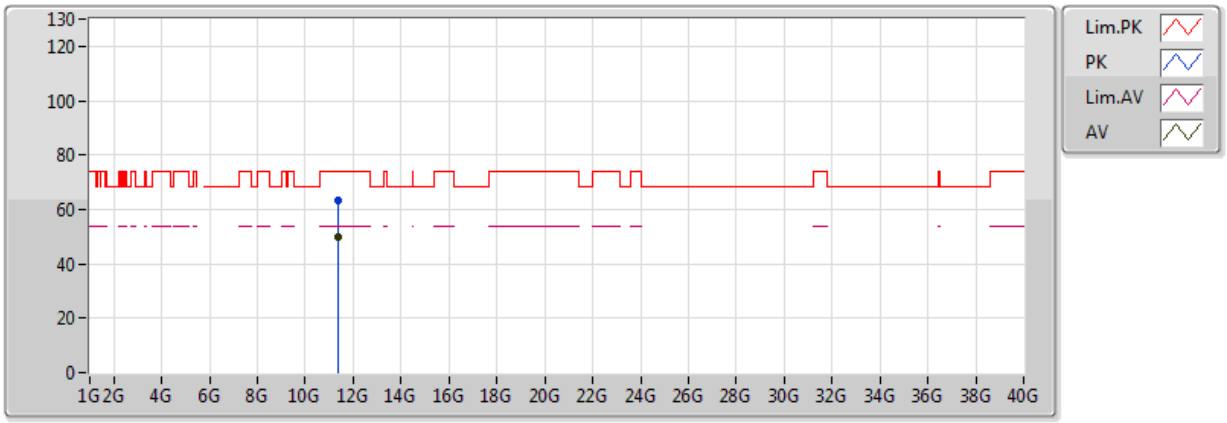


20170415
EUT Y LAN Port 朝下 1TX
Setting 21
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.3392G	50.62	54.00	-3.38	18.20	3	V	18	2.12	-
PK	11.3438G	64.07	74.00	-9.93	18.19	3	V	18	2.12	-

802.11n HT40_Nss1,(MCS0)_1TX

5670MHz_TX

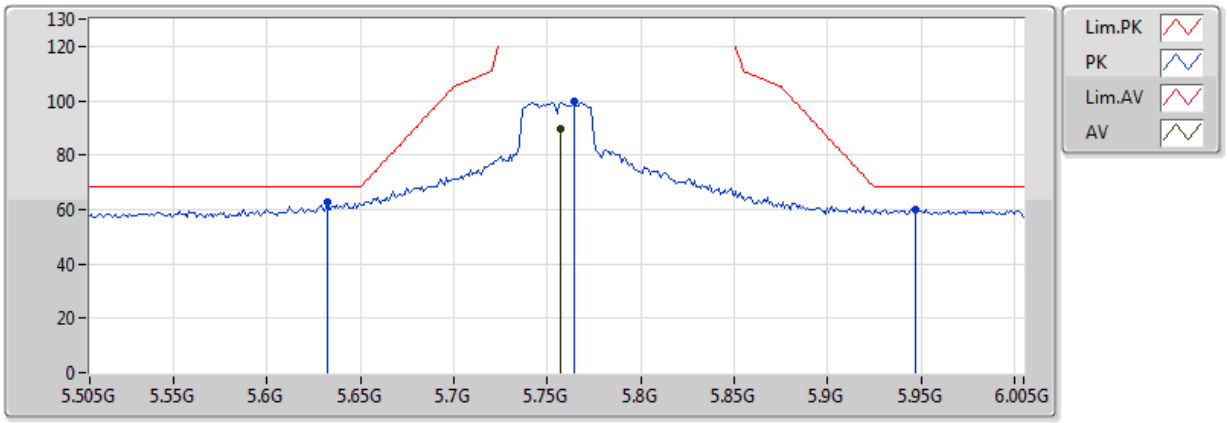


20170415
EUT Y LAN Port 朝下 1TX
Setting 21
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.3392G	50.03	54.00	-3.97	18.20	3	H	227	2.52	-
PK	11.3438G	63.59	74.00	-10.41	18.19	3	H	227	2.52	-

802.11n HT40_Nss1,(MCS0)_1TX

5755MHz_TX

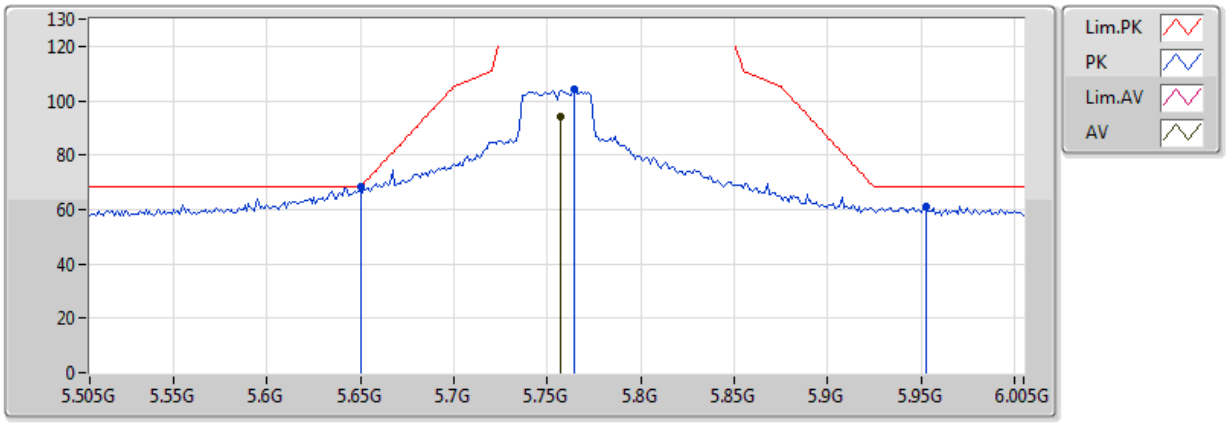


20170415
EUT Y LAN Port 朝下 1TX
Setting 17
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.757G	89.74	Inf	-Inf	8.39	3	V	287	2.09	-
PK	5.632G	62.79	68.20	-5.41	8.17	3	V	287	2.09	-
PK	5.764G	99.52	Inf	-Inf	8.41	3	V	287	2.09	-
PK	5.947G	60.21	68.20	-7.99	8.85	3	V	287	2.09	-

802.11n HT40_Nss1,(MCS0)_1TX

5755MHz_TX

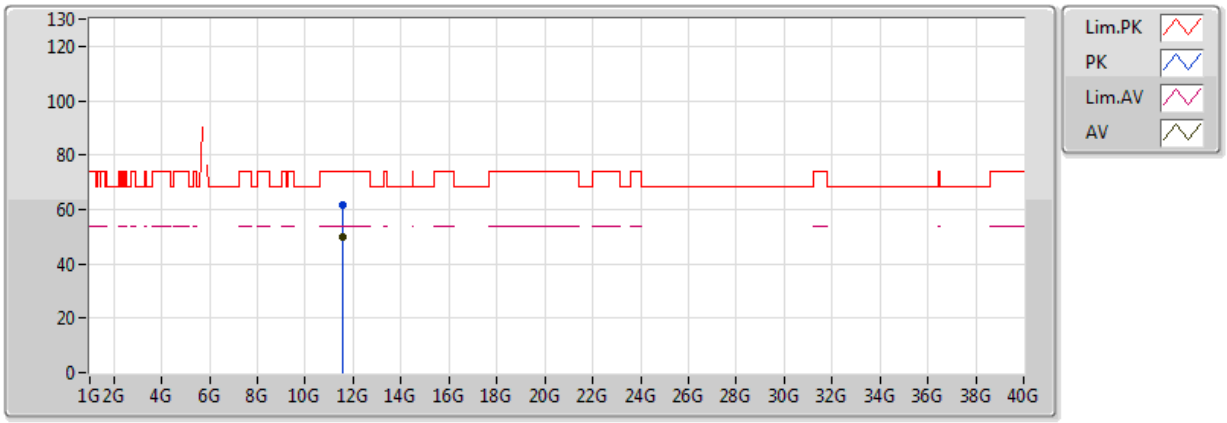


20170415
EUT Y LAN Port 朝下 1TX
Setting 17
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.757G	93.89	Inf	-Inf	8.39	3	H	0	1.72	-
PK	5.65G	68.17	68.20	-0.03	8.20	3	H	0	1.72	-
PK	5.764G	104.07	Inf	-Inf	8.41	3	H	0	1.72	-
PK	5.953G	60.89	68.20	-7.31	8.86	3	H	0	1.72	-

802.11n HT40_Nss1,(MCS0)_1TX

5755MHz_TX

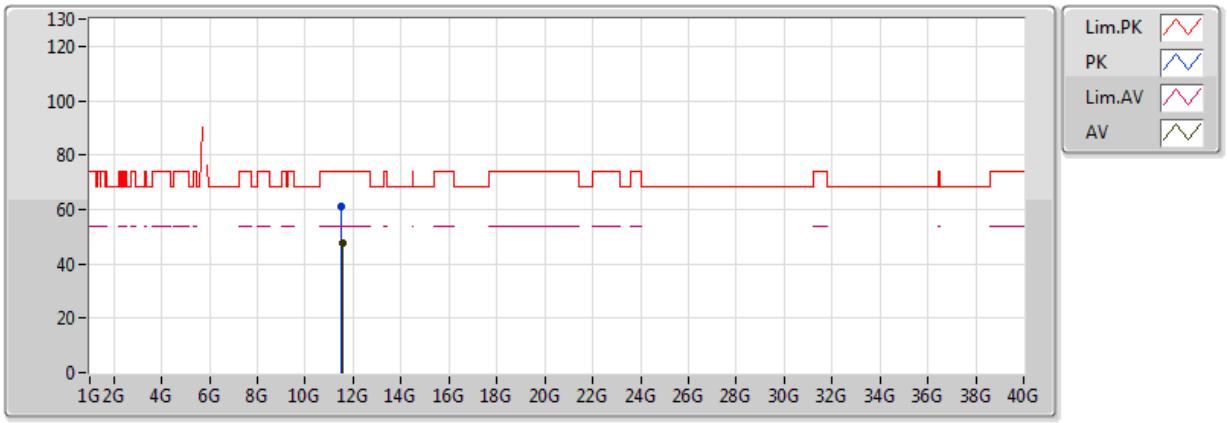


20170415
EUT Y LAN Port 朝下 1TX
Setting 17
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	50.01	54.00	-3.99	17.95	3	V	18	1.54	-
PK	11.5448G	61.54	74.00	-12.46	17.96	3	V	18	1.54	-

802.11n HT40_Nss1,(MCS0)_1TX

5755MHz_TX

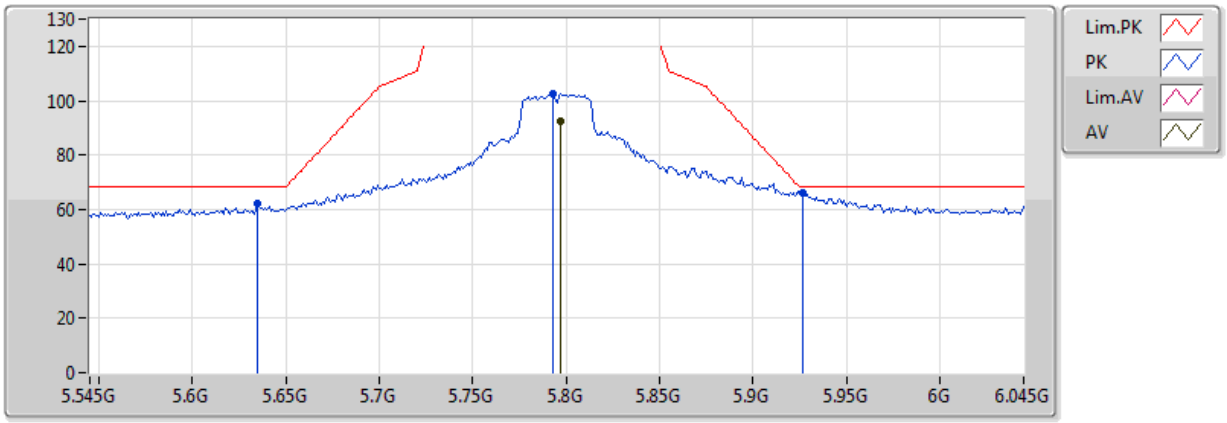


20170415
EUT Y LAN Port 朝下 1TX
Setting 17
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5349G	47.73	54.00	-6.27	17.97	3	H	346	1.29	-
PK	11.5292G	61.02	74.00	-12.98	17.98	3	H	346	1.29	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX

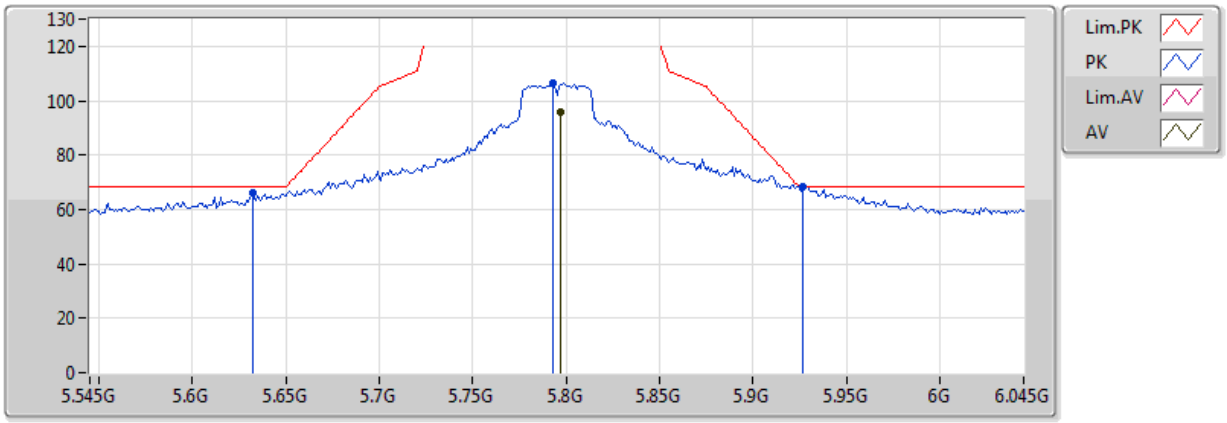


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.797G	92.63	Inf	-Inf	8.46	3	V	281	1.79	-
PK	5.635G	62.02	68.20	-6.18	8.17	3	V	281	1.79	-
PK	5.793G	102.70	Inf	-Inf	8.46	3	V	281	1.79	-
PK	5.927G	66.28	68.20	-1.92	8.80	3	V	281	1.79	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX

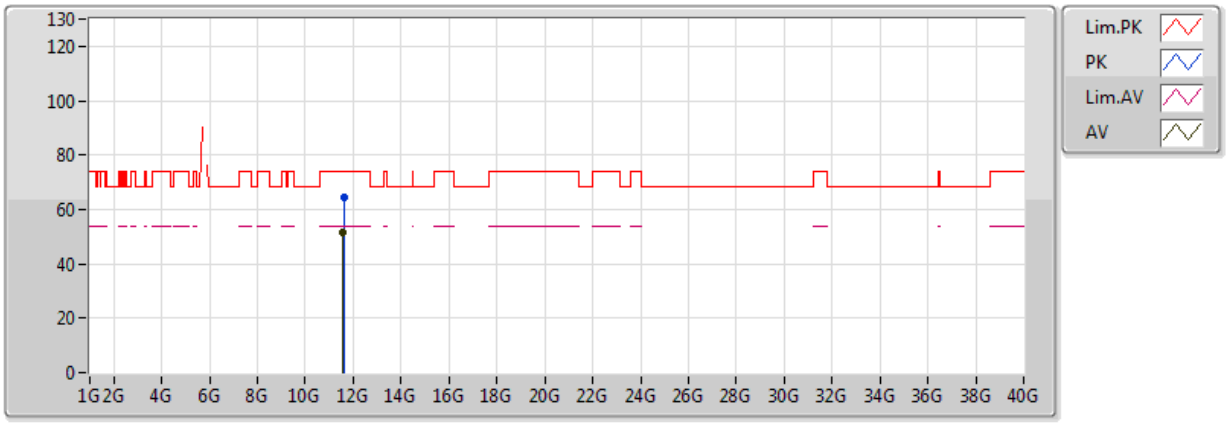


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.797G	95.81	Inf	-Inf	8.46	3	H	3	1.72	-
PK	5.632G	66.12	68.20	-2.08	8.17	3	H	3	1.72	-
PK	5.793G	106.74	Inf	-Inf	8.46	3	H	3	1.72	-
PK	5.927G	68.12	68.20	-0.08	8.80	3	H	3	1.72	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX

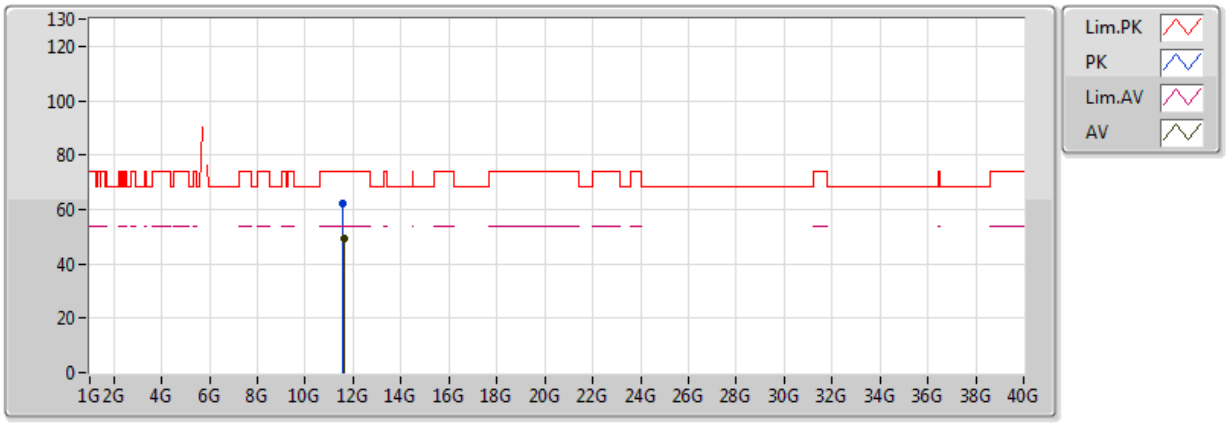


20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	51.77	54.00	-2.23	17.90	3	V	16	2.11	-
PK	11.594G	64.67	74.00	-9.33	17.90	3	V	16	2.11	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX



20170415
EUT Y LAN Port 朝下 1TX
Setting 26
05-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5932G	49.25	54.00	-4.75	17.90	3	H	350	1.55	-
PK	11.5894G	62.13	74.00	-11.87	17.90	3	H	350	1.55	-

Mode: 20 MHz / Ant 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9636	5199.9629	5199.9626	5199.9620
110.00	5199.9626	5199.9620	5199.9613	5199.9605
93.50	5199.9618	5199.9608	5199.9602	5199.9597
Max. Deviation (MHz)	**0.0382**	**0.0392**	**0.0398**	**0.0403**
Max. Deviation (ppm)	**7.35**	**7.54**	**7.65**	**7.75**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9648	5199.9642	5199.9641	5199.9638
10	5199.9634	5199.9624	5199.9621	5199.9616
20	5199.9626	5199.9621	5199.9612	5199.9604
30	5199.9609	5199.9608	5199.9598	5199.9594
40	5199.9608	5199.9599	5199.9596	5199.9589
Max. Deviation (MHz)	**0.0392**	**0.0401**	**0.0404**	**0.0411**
Max. Deviation (ppm)	**7.54**	**7.71**	**7.77**	**7.90**
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9634	5299.9631	5299.9624	5299.9615
110.00	5299.9626	5299.9617	5299.9609	5299.9607
93.50	5299.9617	5299.9613	5299.9604	5299.9600
Max. Deviation (MHz)	**0.0383**	**0.0387**	**0.0396**	**0.0400**
Max. Deviation (ppm)	**7.23**	**7.30**	**7.47**	**7.55**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5299.9647	5299.9643	5299.9635	5299.9631
10	5299.9639	5299.9637	5299.9636	5299.9634
20	5299.9626	5299.9619	5299.9614	5299.9609
30	5299.9609	5299.9605	5299.9601	5299.9598
40	5299.9593	5299.9590	5299.9584	5299.9578
Max. Deviation (MHz)	**0.0407**	**0.0410**	**0.0416**	**0.0422**
Max. Deviation (ppm)	**7.68**	**7.74**	**7.85**	**7.96**
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9635	5579.9634	5579.9625	5579.9615
110.00	5579.9626	5579.9624	5579.9615	5579.9607
93.50	5579.9617	5579.9608	5579.9605	5579.9596
Max. Deviation (MHz)	**0.0383**	**0.0392**	**0.0395**	**0.0404**
Max. Deviation (ppm)	**6.86**	**7.03**	**7.08**	**7.24**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5579.9647	5579.9637	5579.9631	5579.9623
10	5579.9633	5579.9626	5579.9622	5579.9615
20	5579.9626	5579.9619	5579.9612	5579.9609
30	5579.9609	5579.9604	5579.9602	5579.9595
40	5579.9595	5579.9587	5579.9584	5579.9581
Max. Deviation (MHz)	**0.0405**	**0.0413**	**0.0416**	**0.0419**
Max. Deviation (ppm)	**7.26**	**7.40**	**7.46**	**7.51**
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9627	5784.9622	5784.9620	5784.9612
110.00	5784.9626	5784.9617	5784.9616	5784.9607
93.50	5784.9617	5784.9608	5784.9605	5784.9602
Max. Deviation (MHz)	**0.0383**	**0.0392**	**0.0395**	**0.0398**
Max. Deviation (ppm)	**6.62**	**6.78**	**6.83**	**6.88**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9663	5784.9662	5784.9661	5784.9659
10	5784.9644	5784.9638	5784.9628	5784.9619
20	5784.9626	5784.9618	5784.9617	5784.9607
30	5784.9609	5784.9605	5784.9599	5784.9591
40	5784.9594	5784.9588	5784.9586	5784.9585
Max. Deviation (MHz)	**0.0406**	**0.0412**	**0.0414**	**0.0415**
Max. Deviation (ppm)	**7.02**	**7.12**	**7.16**	**7.17**
Result	Pass			

Mode: 40 MHz / Ant 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9632	5189.9623	5189.9613	5189.9604
110.00	5189.9626	5189.9620	5189.9615	5189.9612
93.50	5189.9625	5189.9618	5189.9611	5189.9607
Max. Deviation (MHz)	0.0375	0.0382	0.0389	0.0396
Max. Deviation (ppm)	7.23	7.36	7.50	7.63
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9637	5189.9632	5189.9624	5189.9618
10	5189.9636	5189.9626	5189.9622	5189.9613
20	5189.9626	5189.9625	5189.9624	5189.9615
30	5189.9609	5189.9602	5189.9596	5189.9591
40	5189.9602	5189.9594	5189.9587	5189.9579
Max. Deviation (MHz)	**0.0398**	**0.0406**	**0.0413**	**0.0421**
Max. Deviation (ppm)	**7.67**	**7.82**	**7.96**	**8.11**
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9629	5309.9627	5309.9624	5309.9622
110.00	5309.9626	5309.9617	5309.9615	5309.9614
93.50	5309.9620	5309.9612	5309.9603	5309.9600
Max. Deviation (MHz)	**0.0380**	**0.0388**	**0.0397**	**0.0400**
Max. Deviation (ppm)	**7.16**	**7.31**	**7.48**	**7.53**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5309.9655	5309.9645	5309.9637	5309.9633
10	5309.9639	5309.9631	5309.9623	5309.9616
20	5309.9626	5309.9624	5309.9623	5309.9619
30	5309.9609	5309.9601	5309.9591	5309.9588
40	5309.9594	5309.9584	5309.9574	5309.9569
Max. Deviation (MHz)	**0.0406**	**0.0416**	**0.0426**	**0.0431**
Max. Deviation (ppm)	**7.65**	**7.83**	**8.02**	**8.12**
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9629	5549.9625	5549.9620	5549.9614
110.00	5549.9626	5549.9622	5549.9616	5549.9607
93.50	5549.9622	5549.9621	5549.9616	5549.9612
Max. Deviation (MHz)	**0.0378**	**0.0379**	**0.0384**	**0.0393**
Max. Deviation (ppm)	**6.81**	**6.83**	**6.92**	**7.08**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5549.9642	5549.9637	5549.9634	5549.9633
10	5549.9631	5549.9622	5549.9617	5549.9609
20	5549.9626	5549.9624	5549.9615	5549.9606
30	5549.9609	5549.9602	5549.9597	5549.9587
40	5549.9602	5549.9592	5549.9590	5549.9585
Max. Deviation (MHz)	**0.0398**	**0.0408**	**0.0410**	**0.0415**
Max. Deviation (ppm)	**7.17**	**7.35**	**7.39**	**7.48**
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9633	5754.9625	5754.9621	5754.9611
110.00	5754.9626	5754.9618	5754.9616	5754.9613
93.50	5754.9617	5754.9613	5754.9612	5754.9604
Max. Deviation (MHz)	**0.0383**	**0.0387**	**0.0388**	**0.0396**
Max. Deviation (ppm)	**6.66**	**6.72**	**6.74**	**6.88**
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9647	5754.9638	5754.9633	5754.9630
10	5754.9634	5754.9624	5754.9616	5754.9612
20	5754.9626	5754.9617	5754.9613	5754.9610
30	5754.9609	5754.9602	5754.9594	5754.9588
40	5754.9605	5754.9603	5754.9599	5754.9590
Max. Deviation (MHz)	**0.0395**	**0.0398**	**0.0406**	**0.0412**
Max. Deviation (ppm)	**6.86**	**6.92**	**7.05**	**7.16**
Result	Pass			