



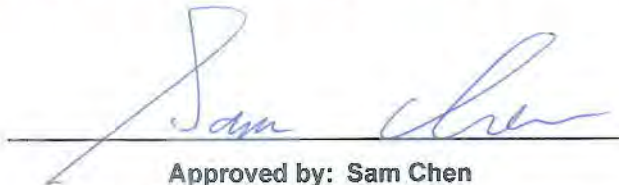
FCC RADIO TEST REPORT

FCC ID : TE7CPE610V1
Equipment : 5GHz 300Mbps 23dBi Outdoor CPE
Brand Name : tp-link
Model Name : CPE610
Applicant : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28 (floors1-4)
Central Science and Technology Park,Shennan Rd,
Nanshan, Shenzhen,China
Manufacturer : TP-Link Technologies Co., Ltd.
Building 24 (floors 1,3,4,5) and 28 (floors1-4)
Central Science and Technology Park,Shennan Rd,
Nanshan, Shenzhen,China
Standard : 47 CFR FCC Part 15.407

The product was received on May 12, 2017, and testing was started from May 12, 2017 and completed on Apr. 18, 2018. We, SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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



Approved by: Sam Chen

SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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Summary of Test Result

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

Reviewed by: Sam Chen

Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a (10M), n (HT10)	5180, 5200, 5220, 5240	36, 40, 44, 48 [4]
5725-5850		5745, 5765, 5785, 5805	149, 153, 157, 161 [4]
5150-5250	a (20M), n (HT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a 10M	10	2TX
5.15-5.25GHz	802.11a 20M	20	2TX
5.15-5.25GHz	802.11n HT10	10	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11a 10M	10	2TX
5.725-5.85GHz	802.11a 20M	20	2TX
5.725-5.85GHz	802.11n HT10	10	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

Note:

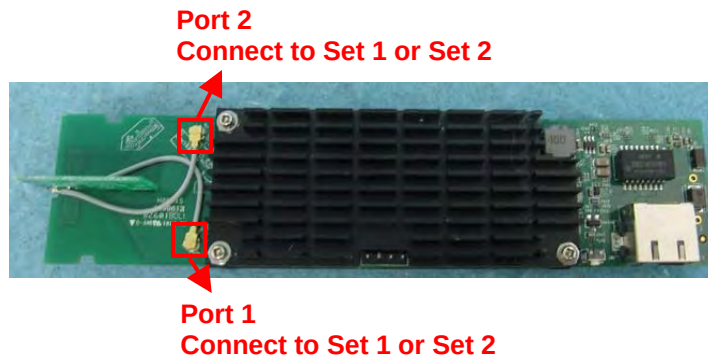
- a (10M), n (HT10), a (20M), n (HT20) and n (HT40) use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Set	Port	Brand	Product Number	Antenna Type	Connector	Gain (dBi)	
						5GHz Band 1	5GHz Band 4
1	1	TP-LINK	3101501384	PCB Antenna	I-PEX	19.39	20.81
	2						
2	1	TP-LINK	3101501384	PCB Antenna	I-PEX	6.58 (Vertical polarization)	6.98 (Vertical polarization)
	2					5.97 (Horizontal polarization)	3.75 (Horizontal polarization)

Note 1: The EUT has two sets of antennas and there are two antennas for each set.(2TX/2RX).

Note 2: The second set antenna supports 5GHz Band 4 only.



1.1.3 Mode Test Duty Cycle

For Mode 1:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a 10M	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11a 20M	0.991	0.039	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT10	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.991	0.039	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40	0.978	0.097	2.403m	1k

For Mode 2:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a 10M	0.992	0.035	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11a 20M	0.978	0.097	5.354m	300
802.11n HT10	0.992	0.035	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.976	0.106	4.957m	300
802.11n HT40	0.975	0.11	2.402m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Function	☒	Outdoor P2M for Mode 2	☐	Indoor P2M
	☒	Fixed P2P for Mode 1	☐	Client
Test Software Version	Cart for Mode 1 Cart (FW 2.1.11 Bulid 20180105 Rel. 34309(0000)) for Mode 2			

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 v02r01
- ♦ 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

For Mode 1:

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Serway Li	20°C / 60%	May 27, 2017~Aug. 25, 2017
Radiated (below 1GHz)	03CH01-CB	Eason Chen	22°C / 54%	May 12, 2017~Jun. 16, 2017
Radiated (above 1GHz)	03CH01-CB	Eason Chen	22°C / 54%	Jun. 16, 2017
AC Conduction	CO01-CB	Rick Yeh	25°C / 55%	Jun. 15, 2017

For Mode 2:

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Paul Chen & Brian Sun	20°C / 55%	Apr. 12, 2018~Apr. 13, 2018
Radiated	03CH01-CB	Nyle Chang & Joy Luo	20°C / 55%	Feb. 28, 2018~Apr. 14, 2018
AC Conduction	CO01-CB	Ryo Fan	21°C / 65%	Apr. 18, 2018

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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

For Mode 1:

Mode	Power Setting
802.11a 10M (6Mbps)_2TX	-
5180MHz	12
5200MHz	13.5
5220MHz	14
5240MHz	13.5
5745MHz	10.5
5765MHz	10.5
5785MHz	10.5
5805MHz	10.5
802.11n HT10 Nss1,(MCS0)_2TX	-
5180MHz	14
5200MHz	14
5220MHz	14
5240MHz	13.5
5745MHz	11
5765MHz	10.5
5785MHz	11
5805MHz	11
802.11a 20M (6Mbps)_2TX	-
5180MHz	12
5200MHz	12
5240MHz	13.5
5745MHz	11.5
5785MHz	10
5825MHz	9.5
802.11n HT20 Nss1,(MCS0)_2TX	-
5180MHz	13
5200MHz	12
5240MHz	13.5
5745MHz	11
5785MHz	10
5825MHz	9
802.11n HT40 Nss1,(MCS0)_2TX	-
5190MHz	12
5230MHz	12.5



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Mode	Power Setting
5755MHz	11
5795MHz	10

**For Mode 2:**

Mode	Power Setting
802.11a 10M (6Mbps)_2TX	-
5745MHz	20
5765MHz	21
5785MHz	20
5805MHz	18
802.11n HT10 Nss1,(MCS0)_2TX	-
5745MHz	20
5765MHz	21
5785MHz	20
5805MHz	19
802.11a 20M (6Mbps)_2TX	-
5745MHz	21
5785MHz	20
5825MHz	20
802.11n HT20 Nss1,(MCS0)_2TX	-
5745MHz	22
5785MHz	21
5825MHz	20
802.11n HT40 Nss1,(MCS0)_2TX	-
5755MHz	20
5795MHz	20

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	EUT + Set 1
2	EUT + Set 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	EUT + Set 1
2	EUT + Set 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	EUT + Set 1
2	EUT + Set 2
Operating Mode > 1GHz	CTX
1	EUT + Set 1
2	EUT + Set 2

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

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
PoE	TP-Link	T240050-2-PoE	Input: 100-240V~50/60Hz Output: 24V, 0.5A
Other			
Power line*1: Non-Shielded 0.5m			

2.5 Support Equipment

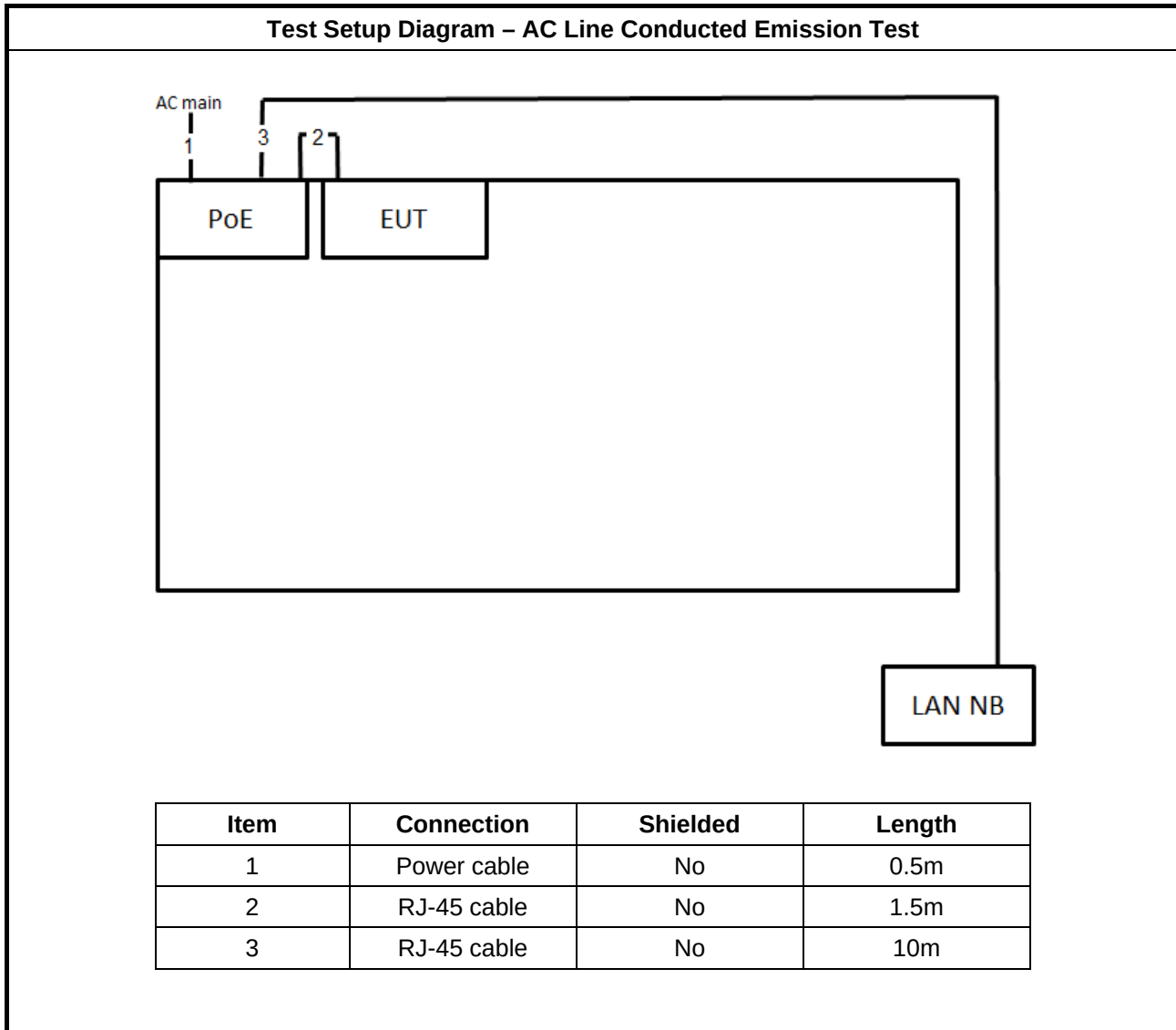
For Test Site No: CO01-CB

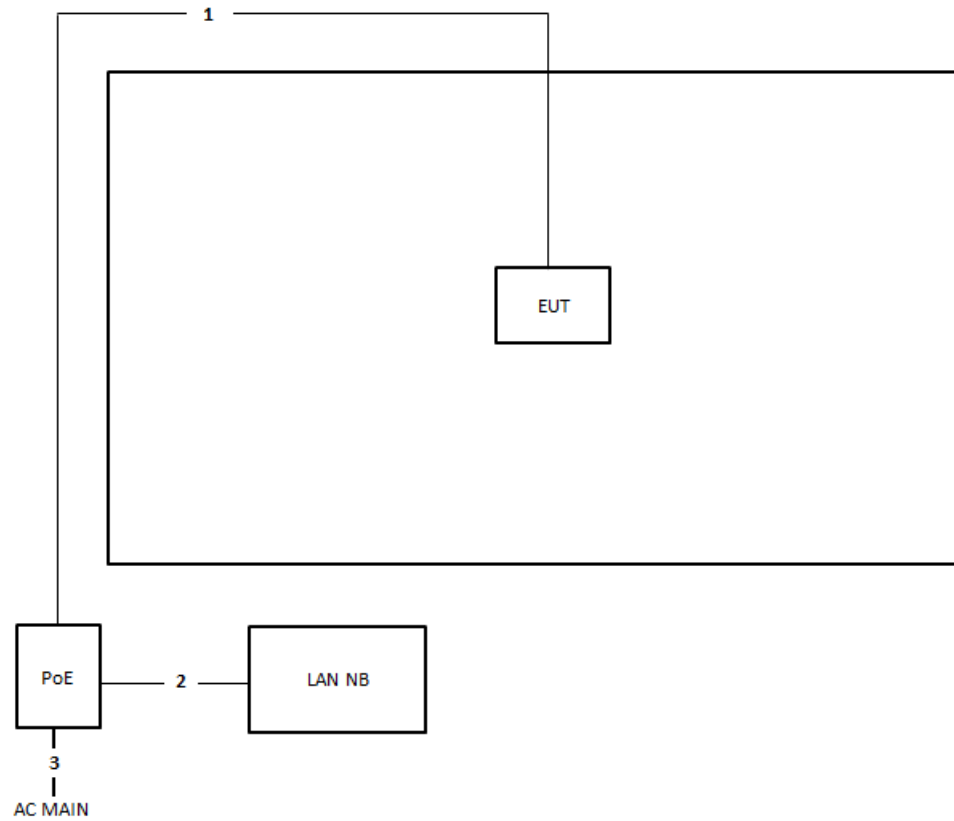
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E6430	DoC

For Test Site No: 03CH01-CB and 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 - Radiated Test


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	Power cable	No	0.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

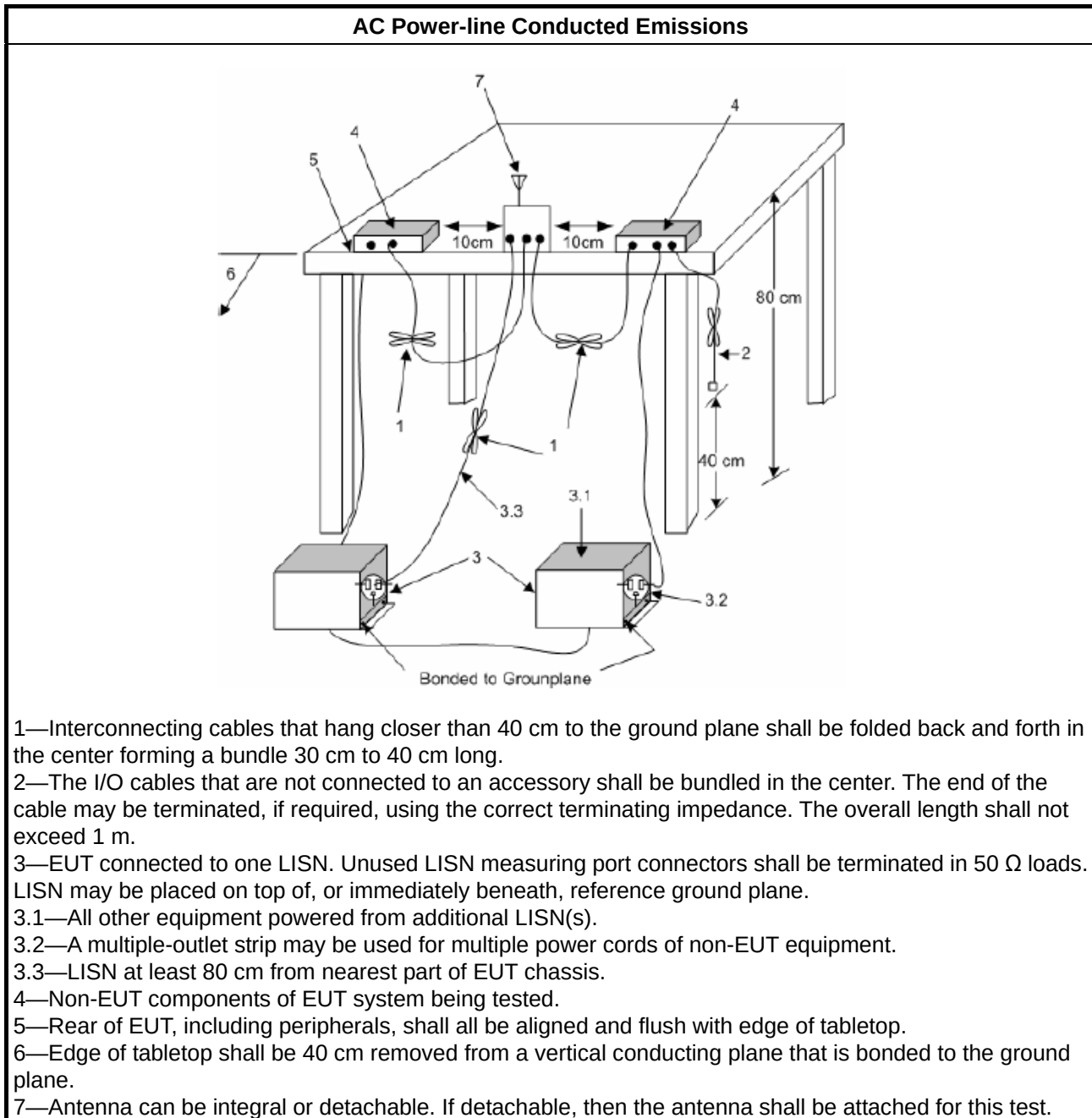
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.
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 $\geq 500\text{kHz}$.

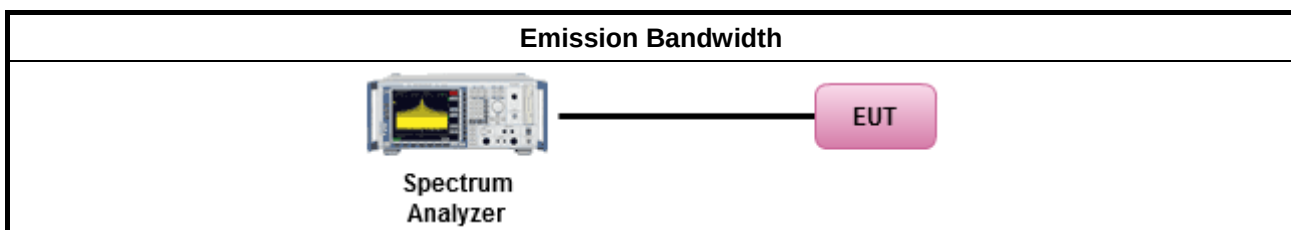
3.2.2 Measuring Instruments

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



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.	

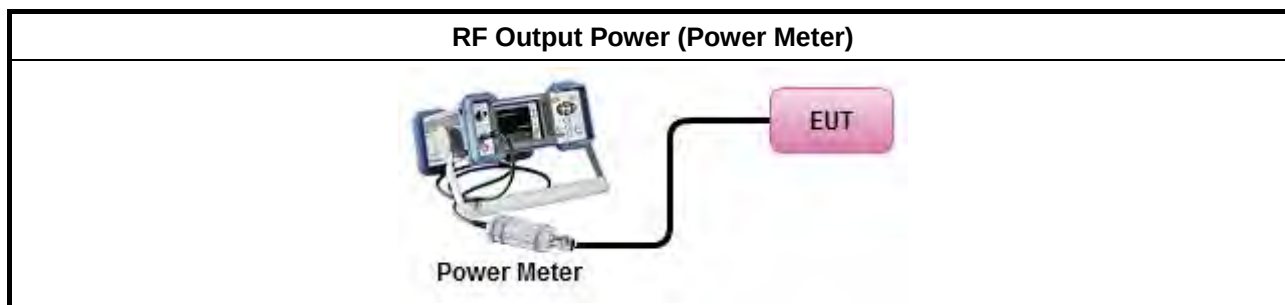
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐	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.	

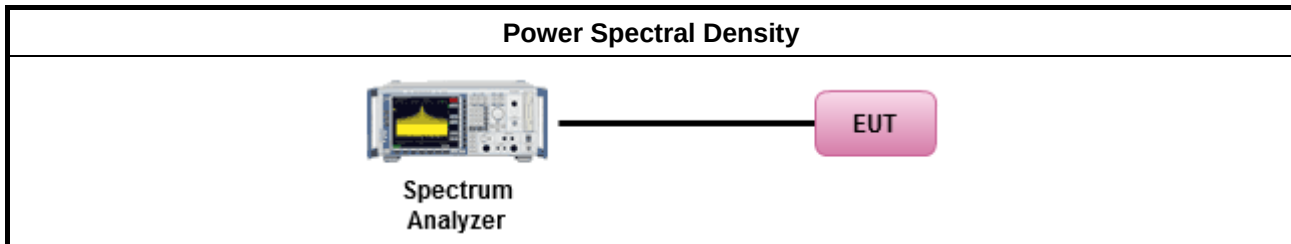
3.4.2 Measuring Instruments

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, F5) 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



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.

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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



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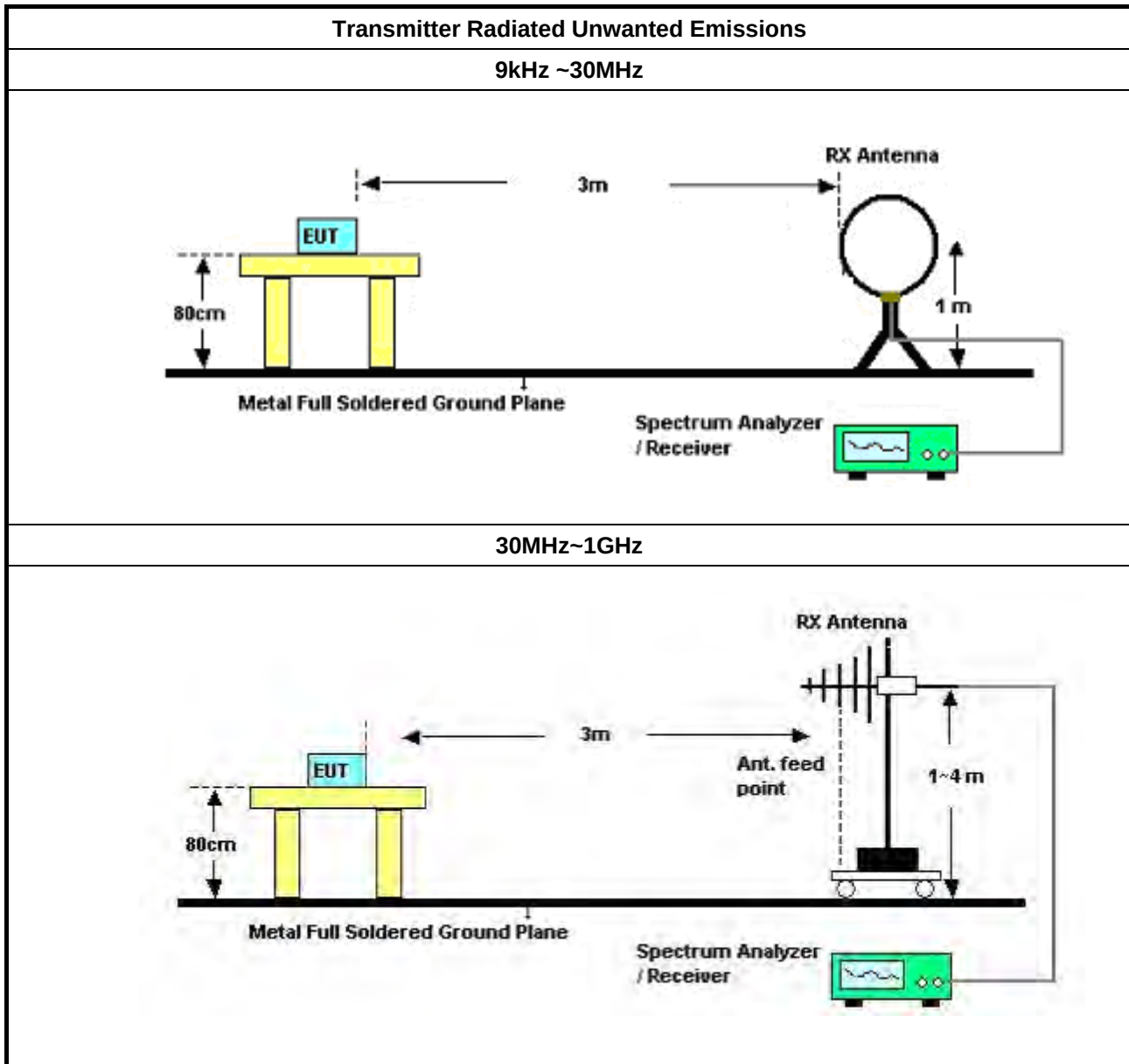
3.5.2 Measuring Instruments

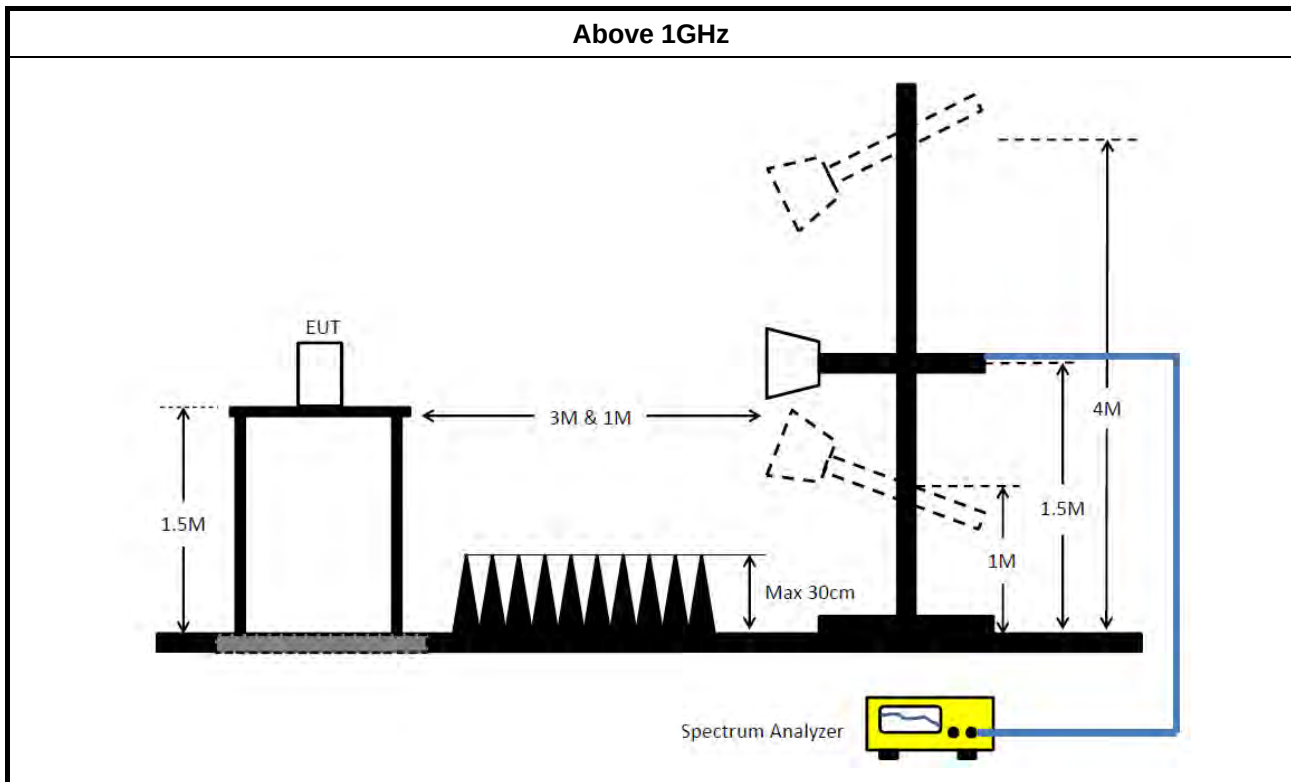
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 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 $\geq$ 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





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.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Jan. 22, 2018	Conduction (CO01-CB)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 31, 2018	Jan. 30, 2019	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Dec. 13, 2017	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 20, 2017	Dec. 19, 2018	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Dec. 20, 2017	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 29, 2017	Dec. 28, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	May 22, 2018	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Aug. 29, 2017	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Jun. 27, 2017	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)



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Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz-30 MHz	Mar. 16, 2016*	Mar. 16, 2018*	Radiation (03CH01-CB)
Loop Antenna	R&S	HFH2-Z2	100330	9kHz-30 MHz	Nov. 13, 2017	Nov. 12, 2018	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Jun. 02, 2017	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz ~ 26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)

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Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Nov. 12, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

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

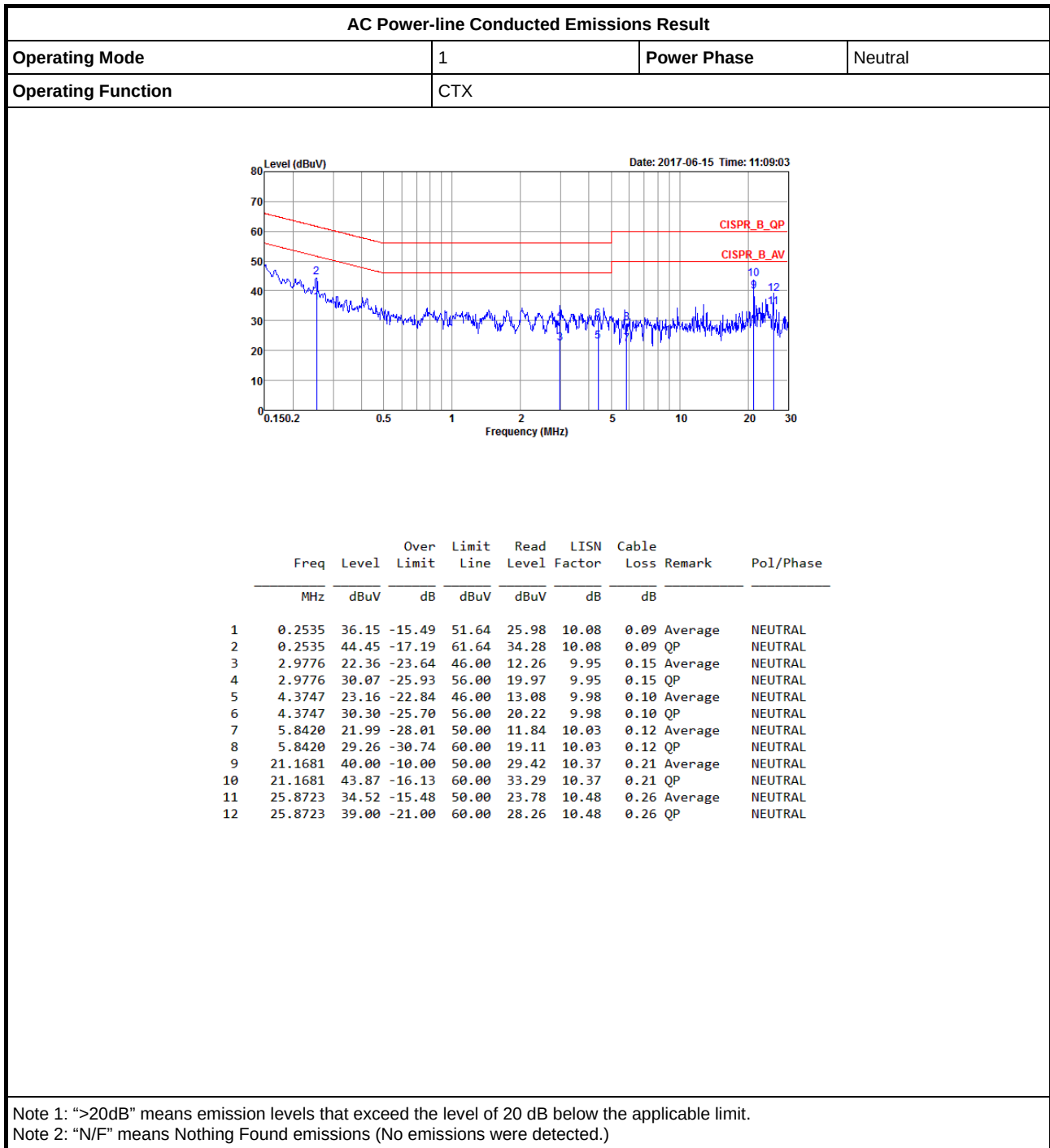
“*” Calibration Interval of instruments listed above is two years.

N.C.R means Non-Calibration required.



AC Power-line Conducted Emissions Result

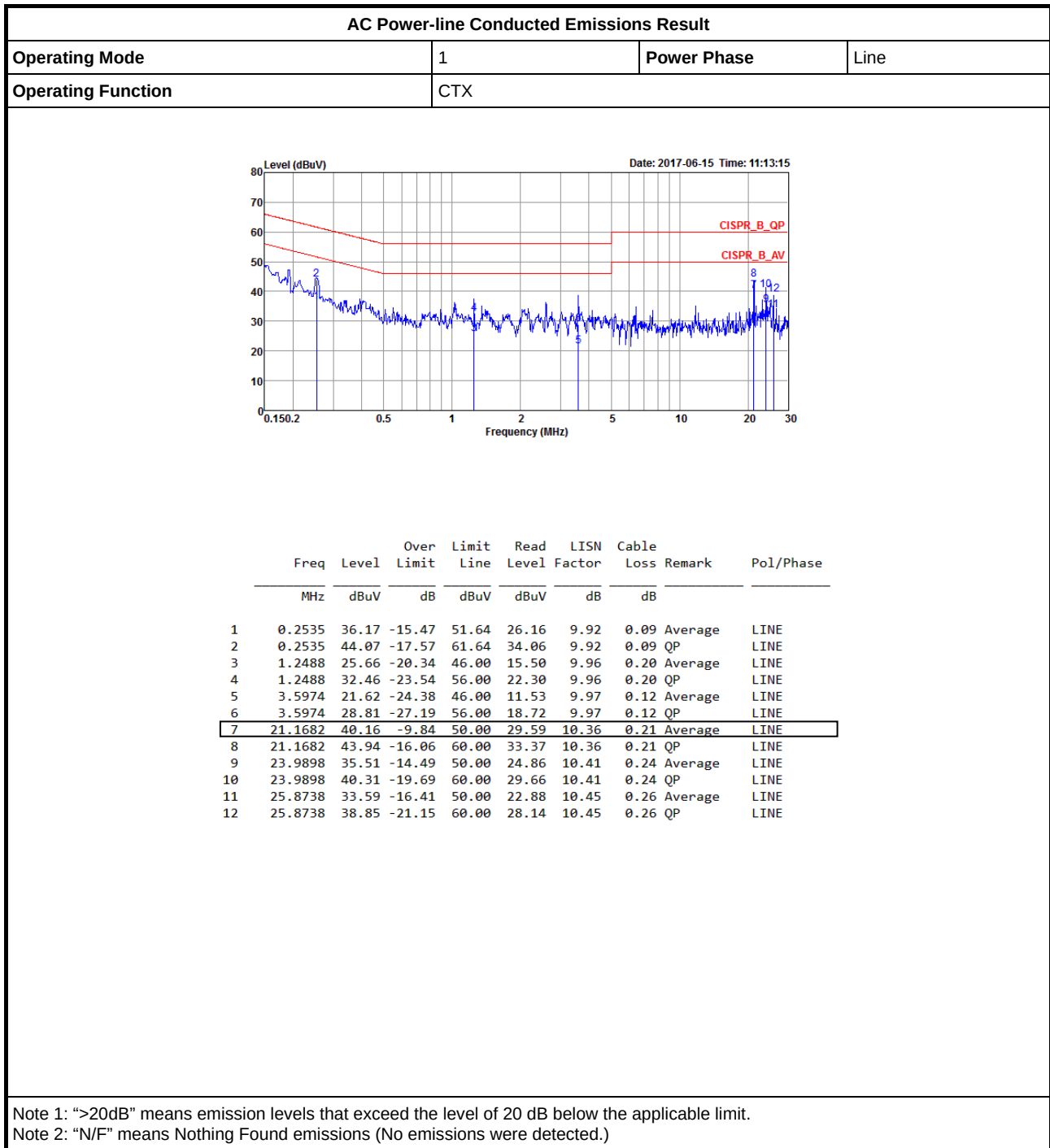
Appendix A





AC Power-line Conducted Emissions Result

Appendix A





AC Power-line Conducted Emissions Result

Appendix A

AC Power-line Conducted Emissions Result									
Operating Mode		2			Power Phase		Neutral		
Operating Function		CTX							
Level (dBuV)									

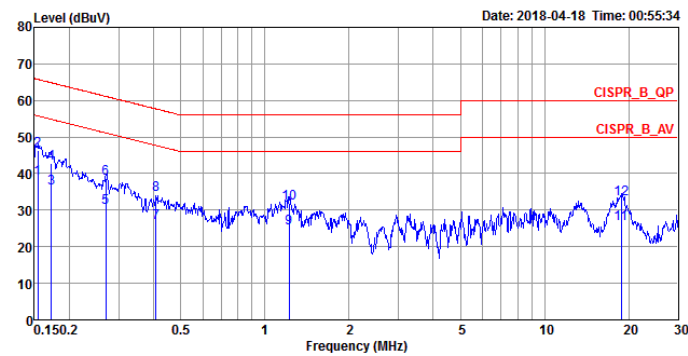


AC Power-line Conducted Emissions Result

Appendix A

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Line
Operating Function	CTX		



	Freq	Level	Over	Limit	Read	LISN	Cable	Remark	Pol/Phase
	MHz	dBuV	Limit	Line	Level	Factor	Loss		
			dB	dBuV	dBuV	dB	dB		
1	0.1540	38.53	-17.25	55.78	28.37	10.00	0.16	Average	LINE
2	0.1540	46.48	-19.30	65.78	36.32	10.00	0.16	QP	LINE
3	0.1722	36.15	-18.71	54.86	26.01	10.00	0.14	Average	LINE
4	0.1722	42.90	-21.96	64.86	32.76	10.00	0.14	QP	LINE
5	0.2701	30.71	-20.41	51.12	20.70	9.93	0.08	Average	LINE
6	0.2701	38.58	-22.54	61.12	28.57	9.93	0.08	QP	LINE
7	0.4083	26.48	-21.20	47.68	16.52	9.95	0.01	Average	LINE
8	0.4083	34.25	-23.43	57.68	24.29	9.95	0.01	QP	LINE
9	1.2226	25.17	-20.83	46.00	15.01	9.96	0.20	Average	LINE
10	1.2226	31.93	-24.07	56.00	21.77	9.96	0.20	QP	LINE
11	18.8205	26.14	-23.86	50.00	15.63	10.31	0.20	Average	LINE
12	18.8205	33.06	-26.94	60.00	22.55	10.31	0.20	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.)

For 10MHz bandwidth:

For Mode 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	9.388M	8.196M	8M20D1D	9.263M	8.171M
5.725-5.85GHz	8.213M	8.196M	8M20D1D	8.188M	8.158M
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	9.963M	8.796M	8M80D1D	9.888M	8.771M
5.725-5.85GHz	8.838M	8.808M	8M81D1D	8.788M	8.758M

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;

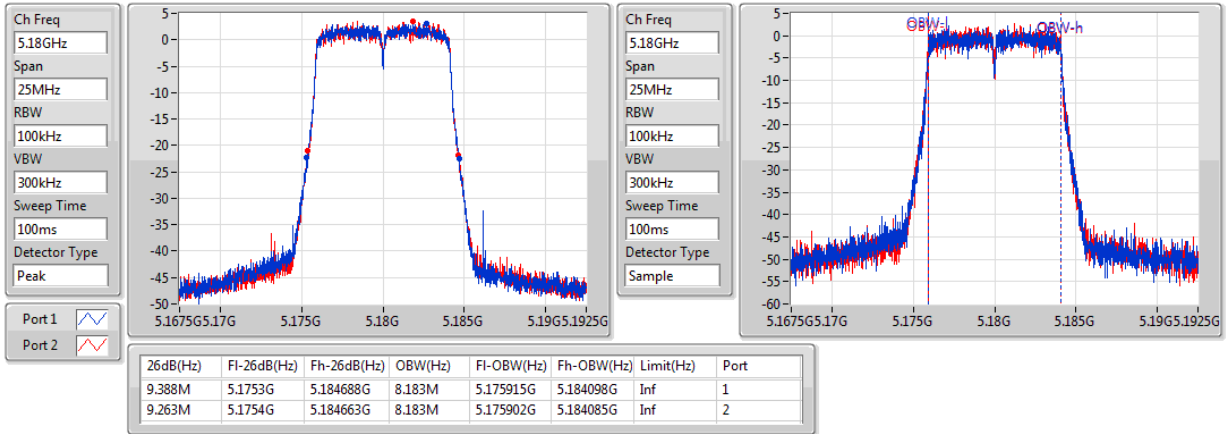
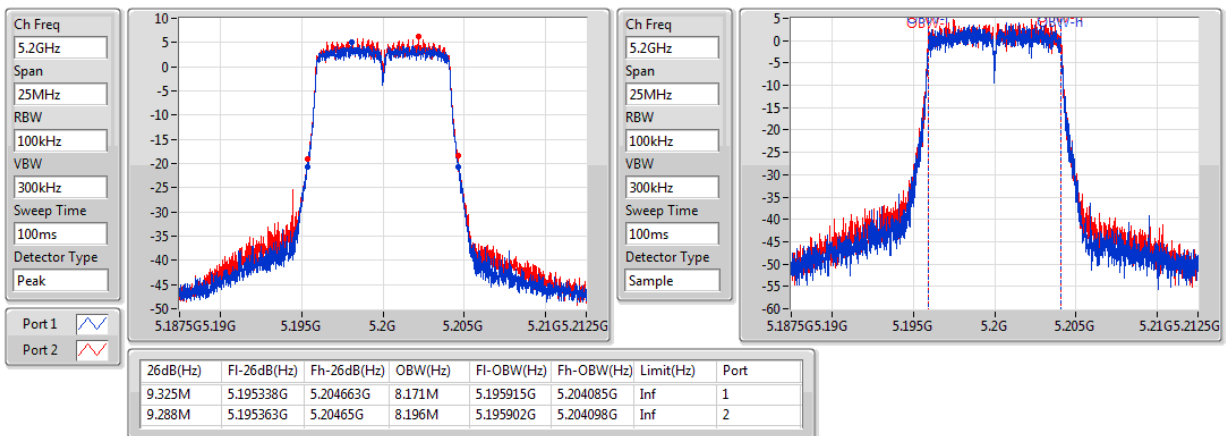
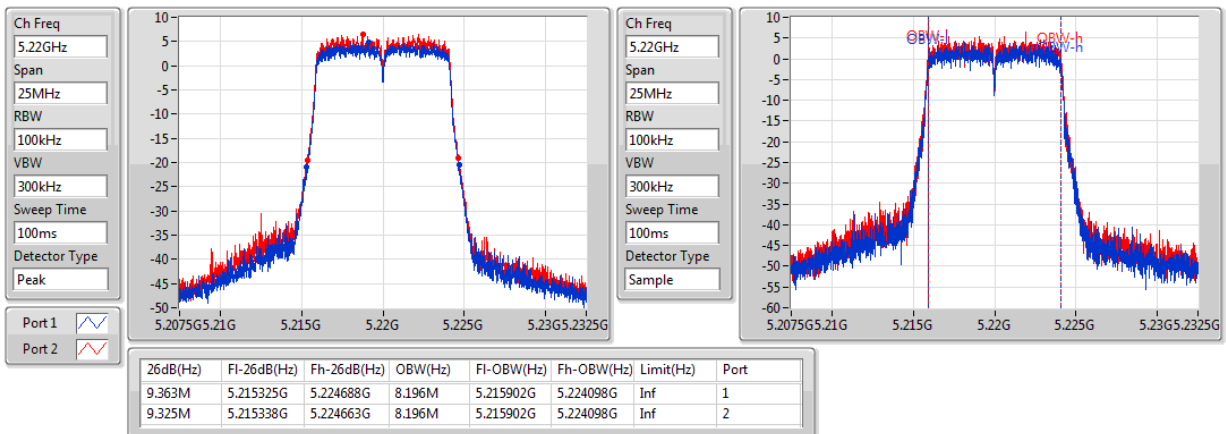
Min-OBW = Minimum 99% occupied bandwidth;

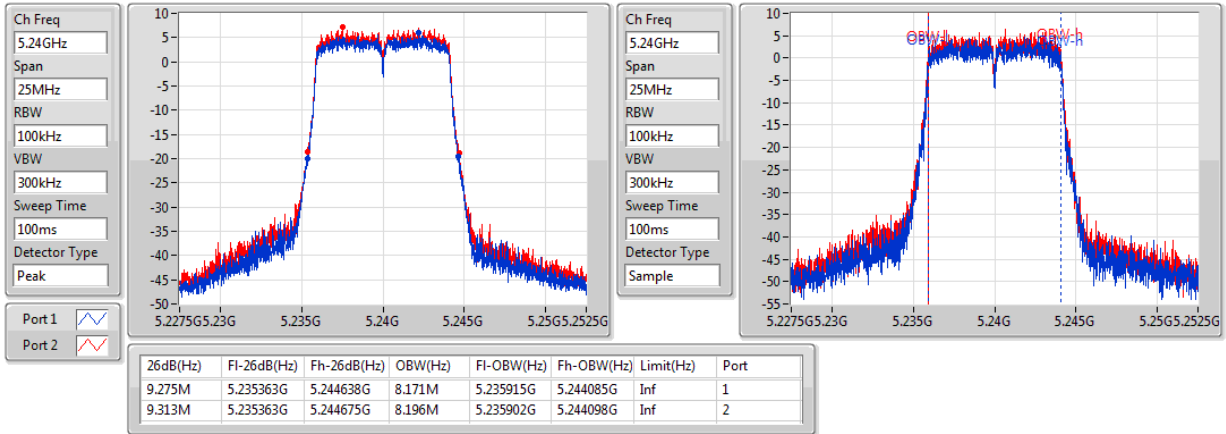
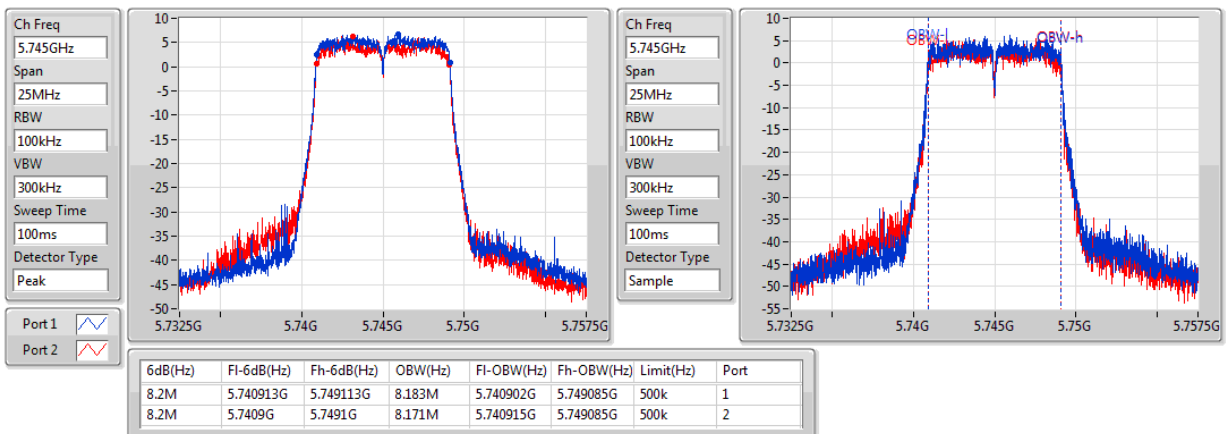
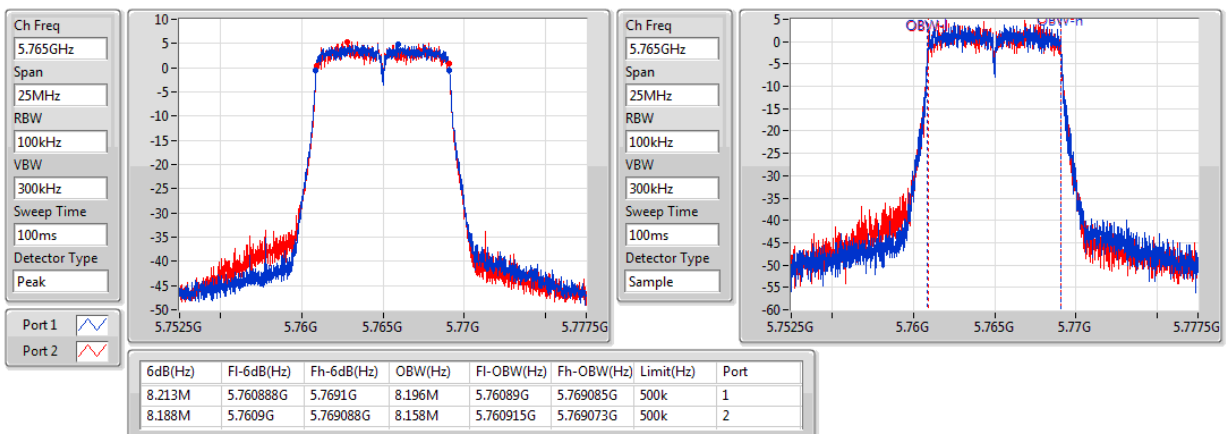
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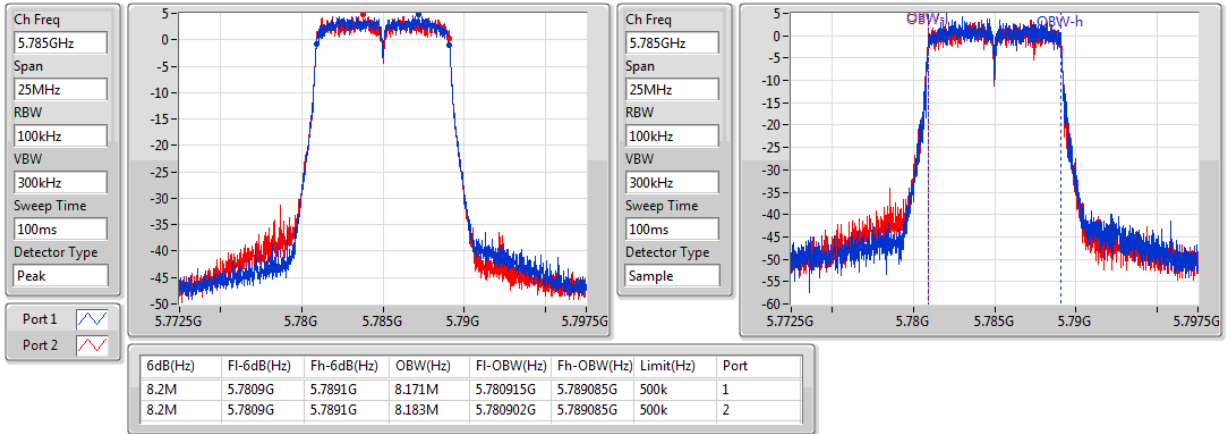
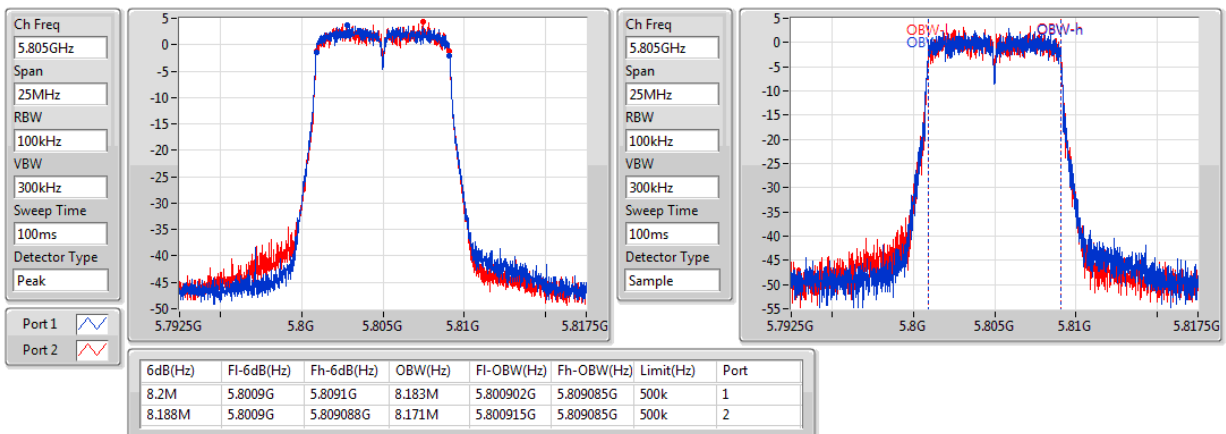
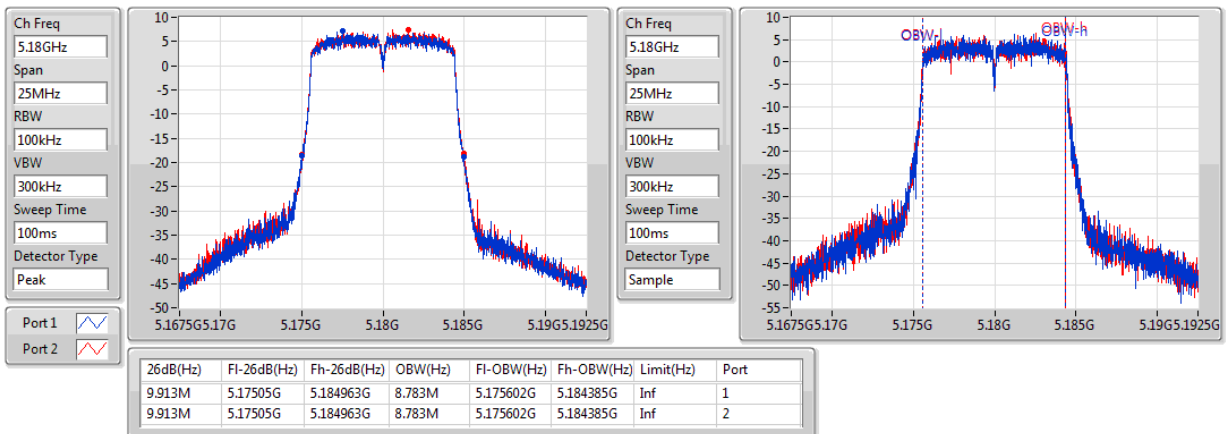
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	9.388M	8.183M	9.263M	8.183M
5200MHz	Pass	Inf	9.325M	8.171M	9.288M	8.196M
5220MHz	Pass	Inf	9.363M	8.196M	9.325M	8.196M
5240MHz	Pass	Inf	9.275M	8.171M	9.313M	8.196M
5745MHz	Pass	500k	8.2M	8.183M	8.2M	8.171M
5765MHz	Pass	500k	8.213M	8.196M	8.188M	8.158M
5785MHz	Pass	500k	8.2M	8.171M	8.2M	8.183M
5805MHz	Pass	500k	8.2M	8.183M	8.188M	8.171M
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	9.913M	8.783M	9.913M	8.783M
5200MHz	Pass	Inf	9.963M	8.783M	9.913M	8.796M
5220MHz	Pass	Inf	9.913M	8.783M	9.888M	8.771M
5240MHz	Pass	Inf	9.925M	8.796M	9.925M	8.783M
5745MHz	Pass	500k	8.813M	8.771M	8.838M	8.796M
5765MHz	Pass	500k	8.813M	8.796M	8.788M	8.758M
5785MHz	Pass	500k	8.813M	8.783M	8.788M	8.758M
5805MHz	Pass	500k	8.813M	8.808M	8.8M	8.771M

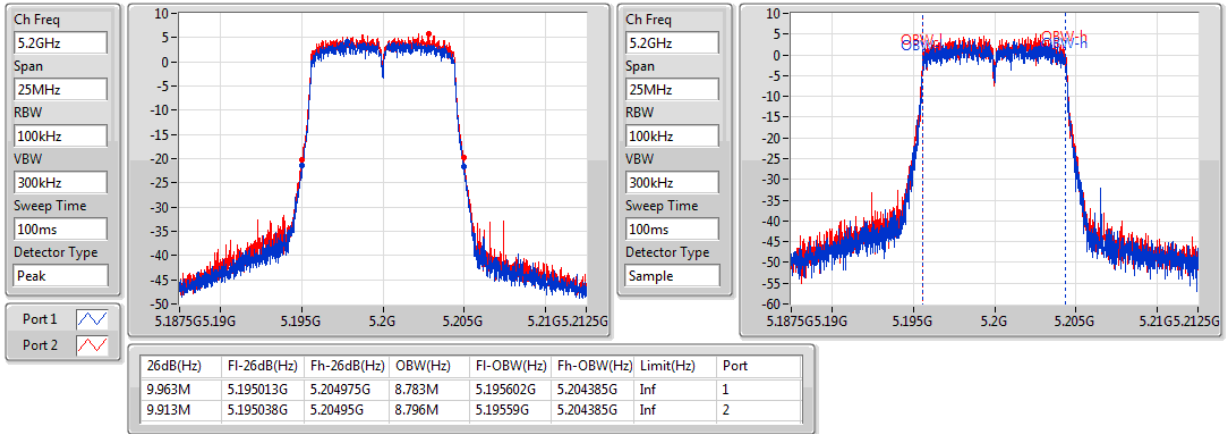
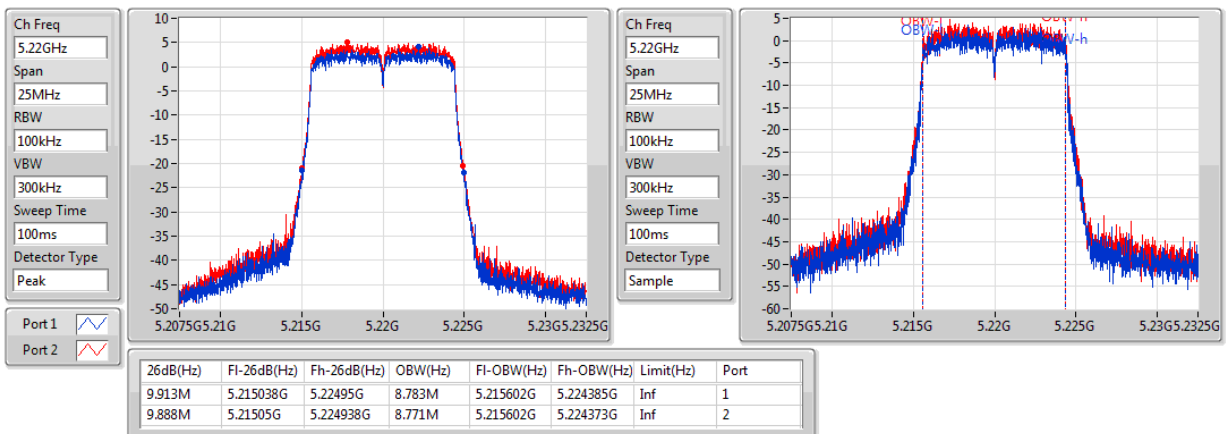
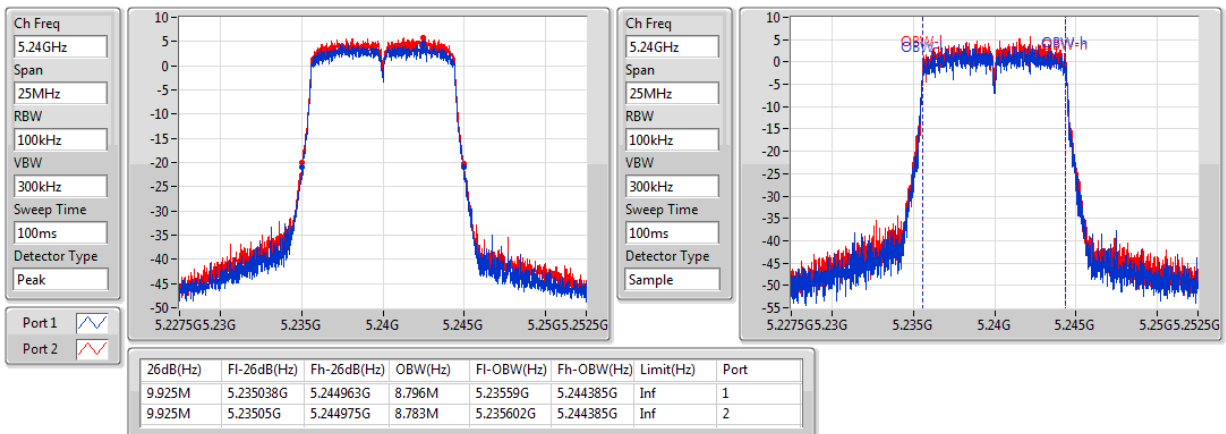
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

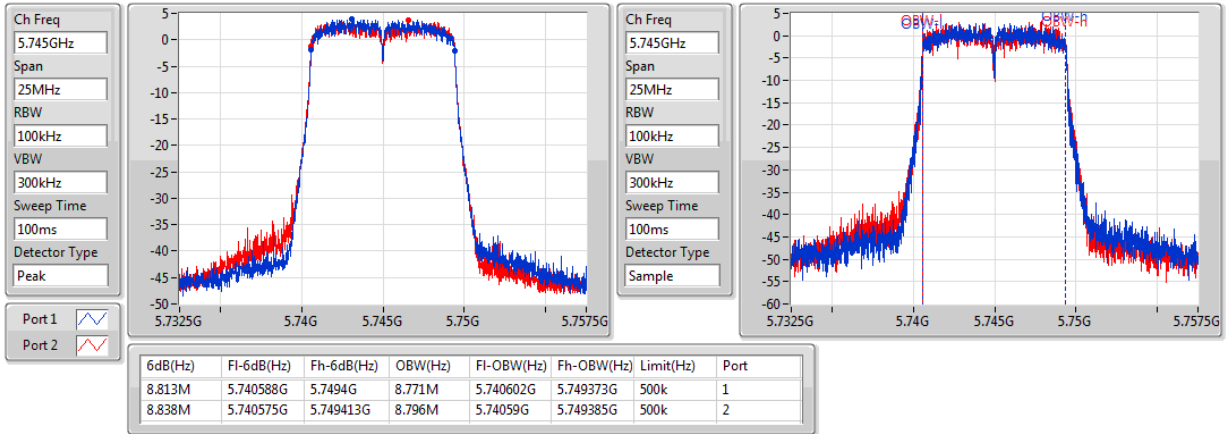
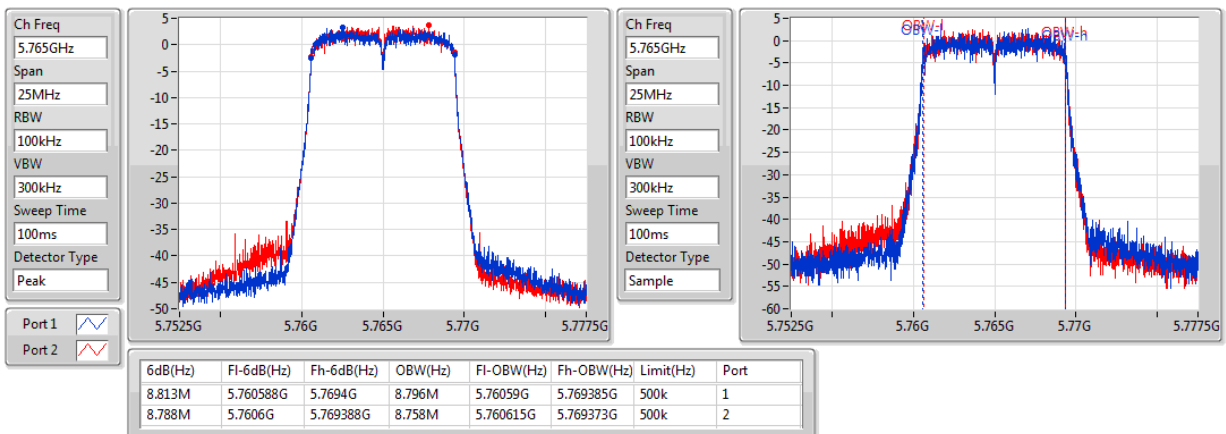
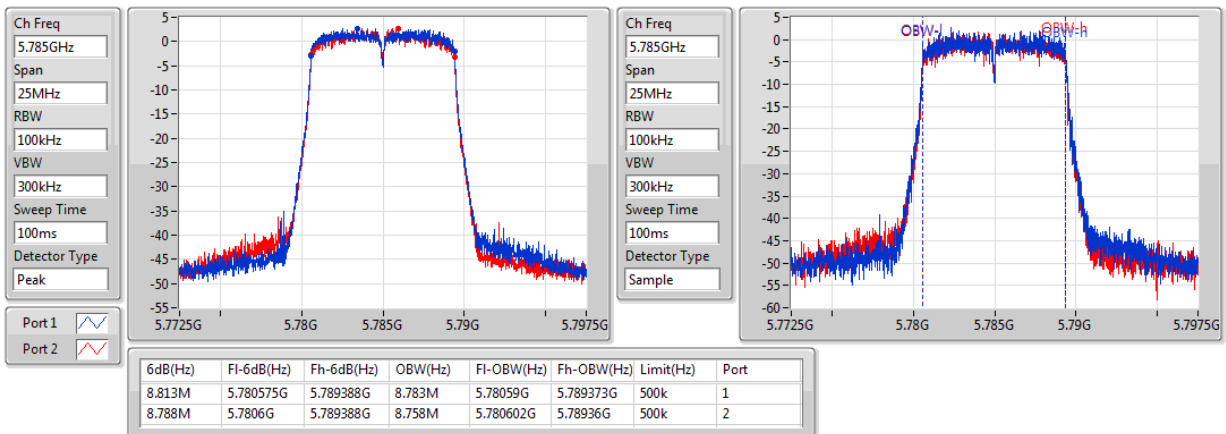
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_(6Mbps)_2TX
EBW
5180MHz

802.11a_(6Mbps)_2TX
EBW
5200MHz

802.11a_(6Mbps)_2TX
EBW
5220MHz


802.11a_(6Mbps)_2TX
EBW
5240MHz

802.11a_(6Mbps)_2TX
EBW
5745MHz

802.11a_(6Mbps)_2TX
EBW
5765MHz


802.11a_(6Mbps)_2TX
EBW
5785MHz

802.11a_(6Mbps)_2TX
EBW
5805MHz

HT10_Nss1,(MCS0)_2TX
EBW
5180MHz


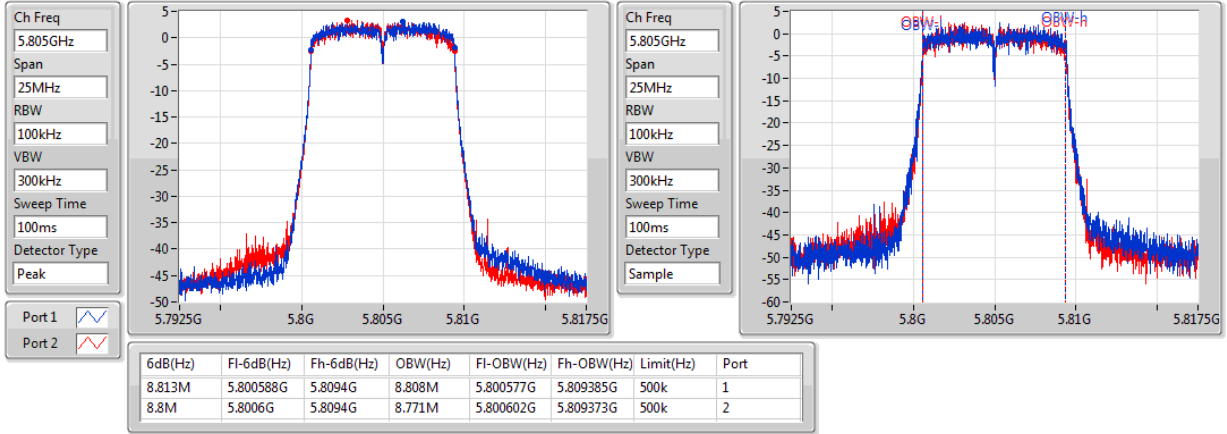
HT10_Nss1,(MCS0)_2TX
EBW
5200MHz

HT10_Nss1,(MCS0)_2TX
EBW
5220MHz

HT10_Nss1,(MCS0)_2TX
EBW
5240MHz


HT10_Nss1,(MCS0)_2TX
EBW
5745MHz

HT10_Nss1,(MCS0)_2TX
EBW
5765MHz

HT10_Nss1,(MCS0)_2TX
EBW
5785MHz


HT10_Nss1,(MCS0)_2TX

EBW

5805MHz



**For Mode 2: Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
11a-10M_Nss1,(6Mbps)_2TX	8.2M	8.208M	8M21D1D	8.175M	8.183M
HT10_Nss1,(MCS0)_2TX	8.813M	8.808M	8M81D1D	8.7M	8.771M

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

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

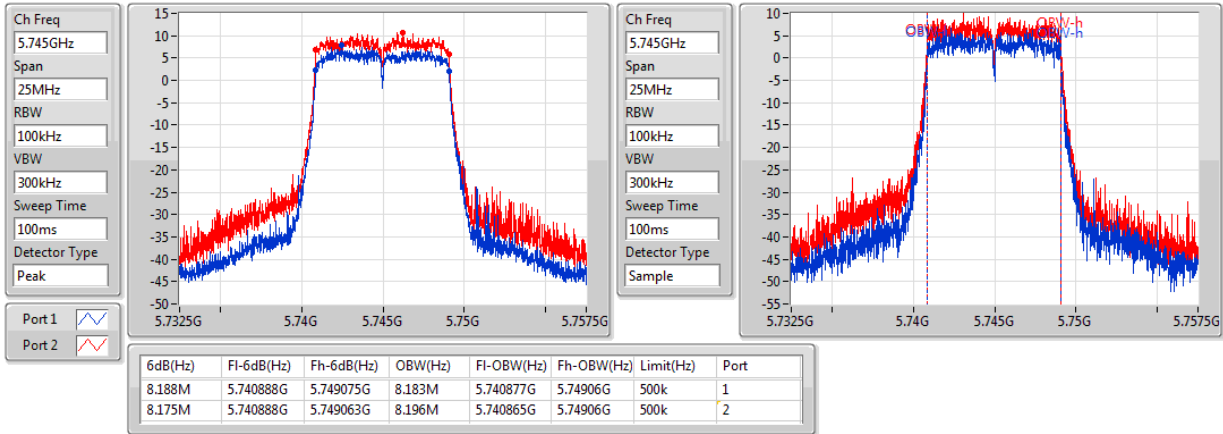
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
11a-10M_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	8.188M	8.183M	8.175M	8.196M
5765MHz	Pass	500k	8.188M	8.196M	8.2M	8.183M
5785MHz	Pass	500k	8.2M	8.196M	8.188M	8.196M
5805MHz	Pass	500k	8.188M	8.208M	8.188M	8.196M
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	8.813M	8.808M	8.775M	8.783M
5765MHz	Pass	500k	8.763M	8.796M	8.788M	8.783M
5785MHz	Pass	500k	8.7M	8.771M	8.763M	8.808M
5805MHz	Pass	500k	8.775M	8.783M	8.788M	8.796M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

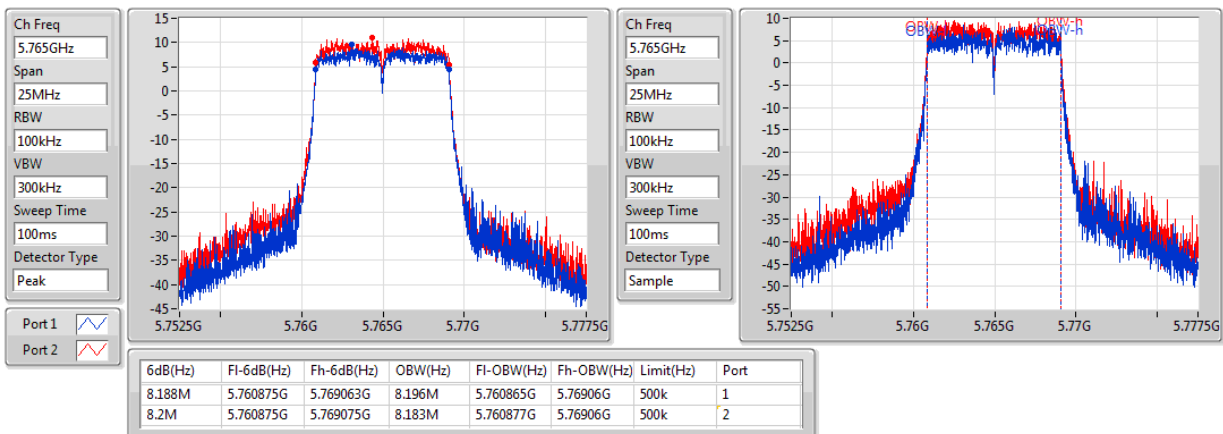
Port X-OBW = Port X 99% occupied bandwidth;

11a-10M_Nss1,(6Mbps)_2TX
EBW
5745MHz

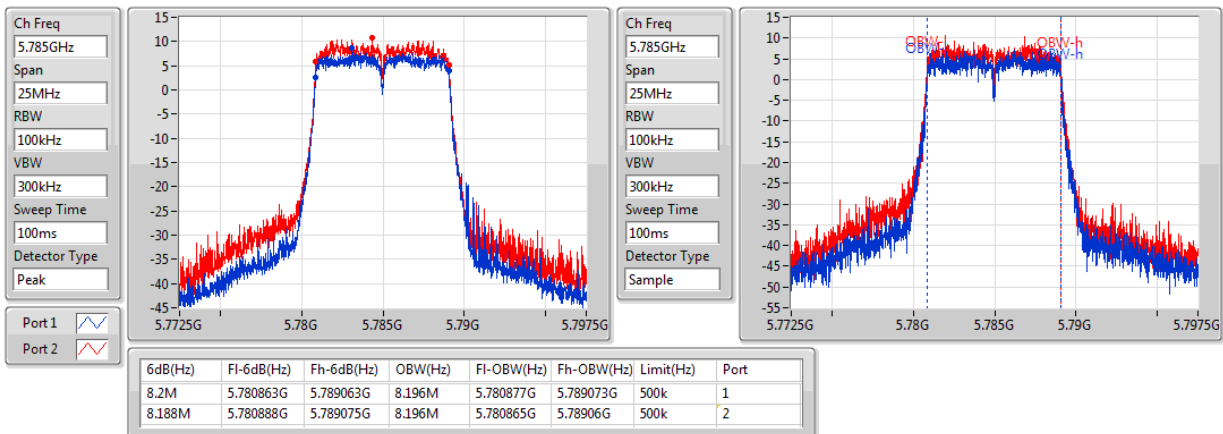
12/04/2018


11a-10M_Nss1,(6Mbps)_2TX
EBW
5765MHz

12/04/2018

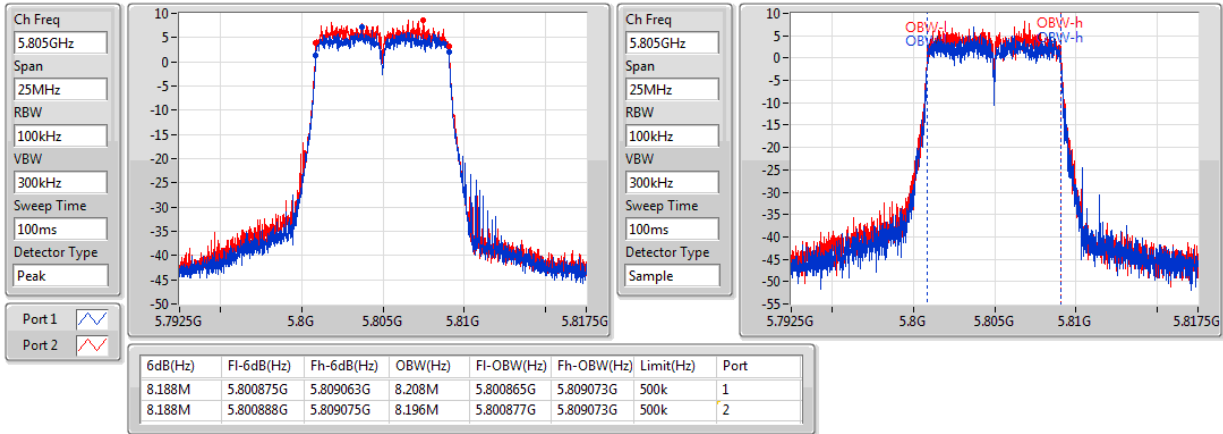

11a-10M_Nss1,(6Mbps)_2TX
EBW
5785MHz

12/04/2018

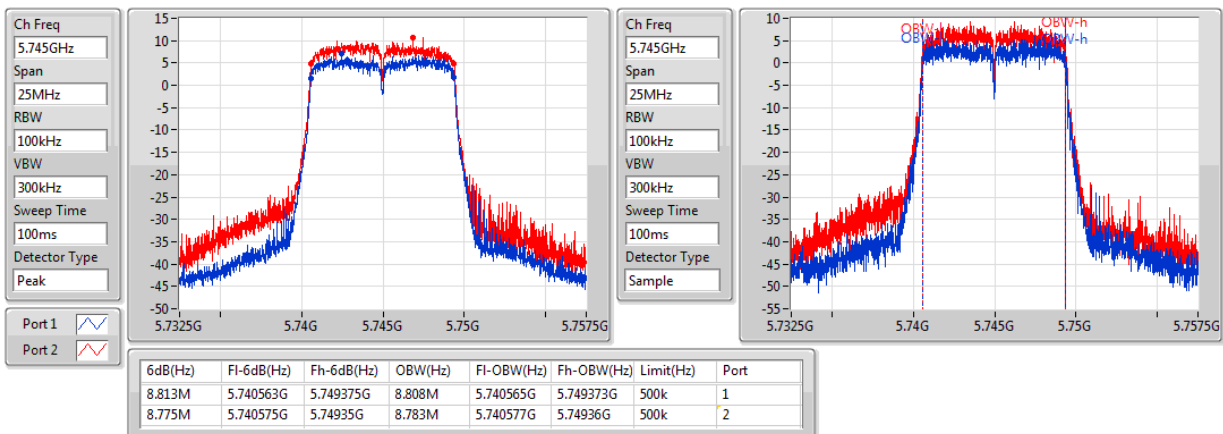


11a-10M_Nss1,(6Mbps)_2TX
EBW
5805MHz

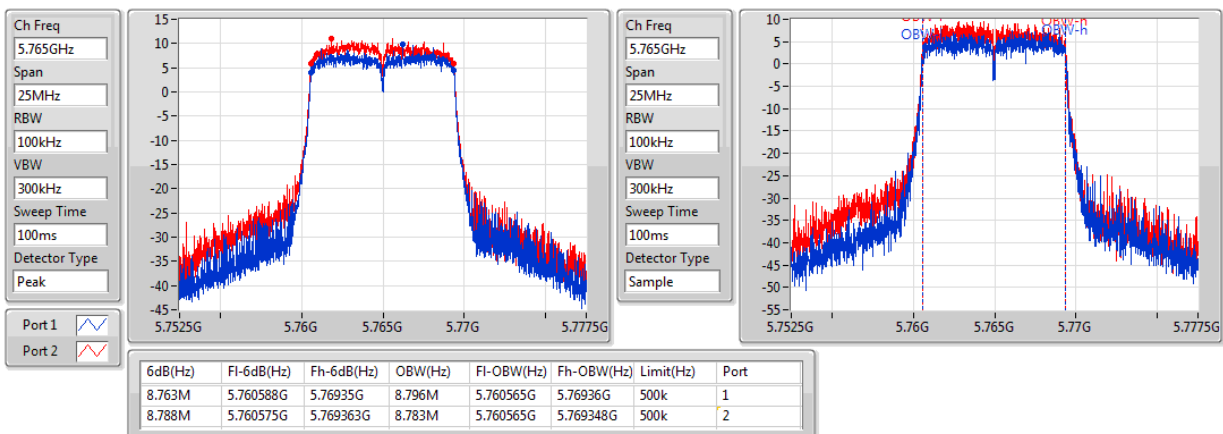
12/04/2018


HT10_Nss1,(MCS0)_2TX
EBW
5745MHz

12/04/2018

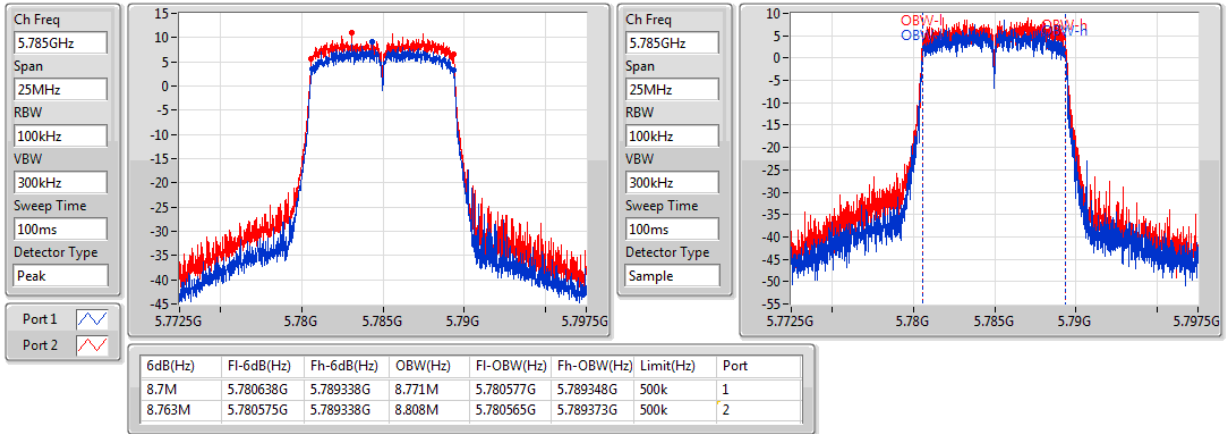

HT10_Nss1,(MCS0)_2TX
EBW
5765MHz

12/04/2018

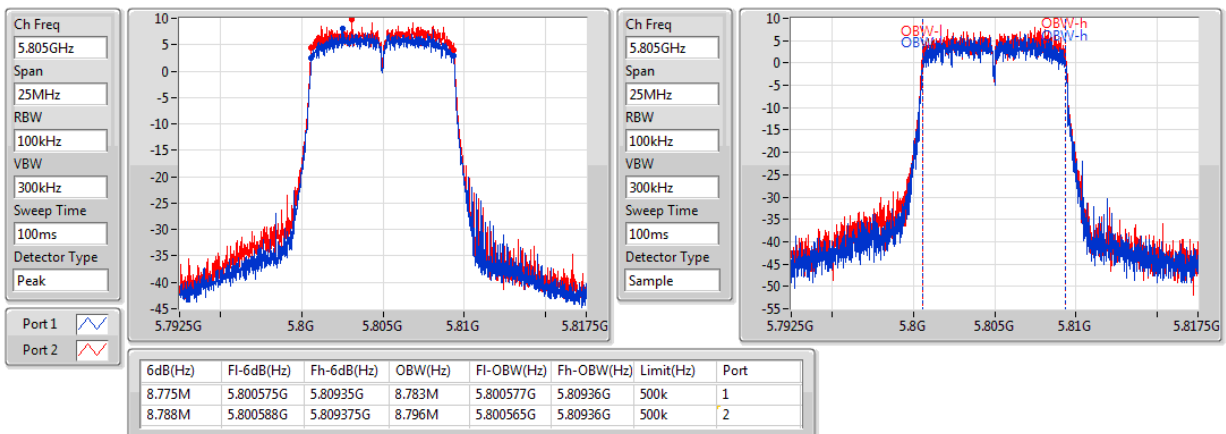


HT10_Nss1,(MCS0)_2TX
EBW
5785MHz

12/04/2018


HT10_Nss1,(MCS0)_2TX
EBW
5805MHz

12/04/2018



For 20MHz bandwidth and 40MHz bandwidth:

For Mode 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	23.1M	16.492M	16M5D1D	21.425M	16.442M
5.725-5.85GHz	16.375M	16.517M	16M5D1D	16.3M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	23.7M	17.666M	17M7D1D	22.925M	17.616M
5.725-5.85GHz	17.575M	17.666M	17M7D1D	17.025M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	47.65M	36.282M	36M3D1D	46.1M	36.182M
5.725-5.85GHz	36.35M	36.282M	36M3D1D	35.65M	36.132M

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

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

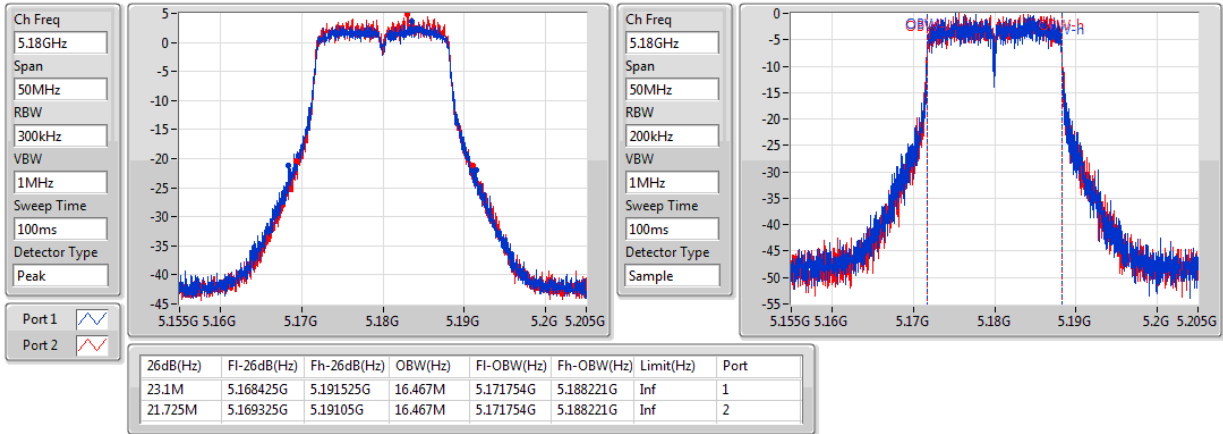
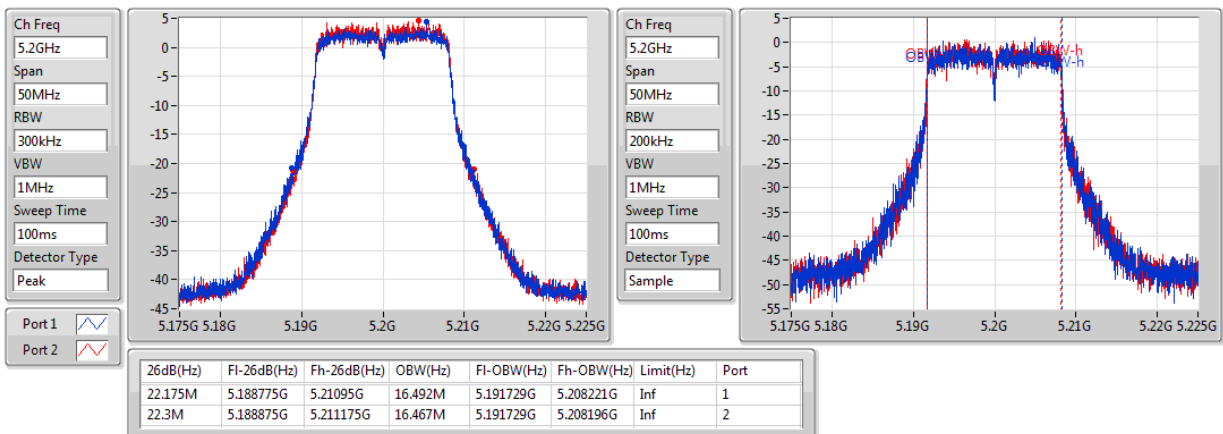
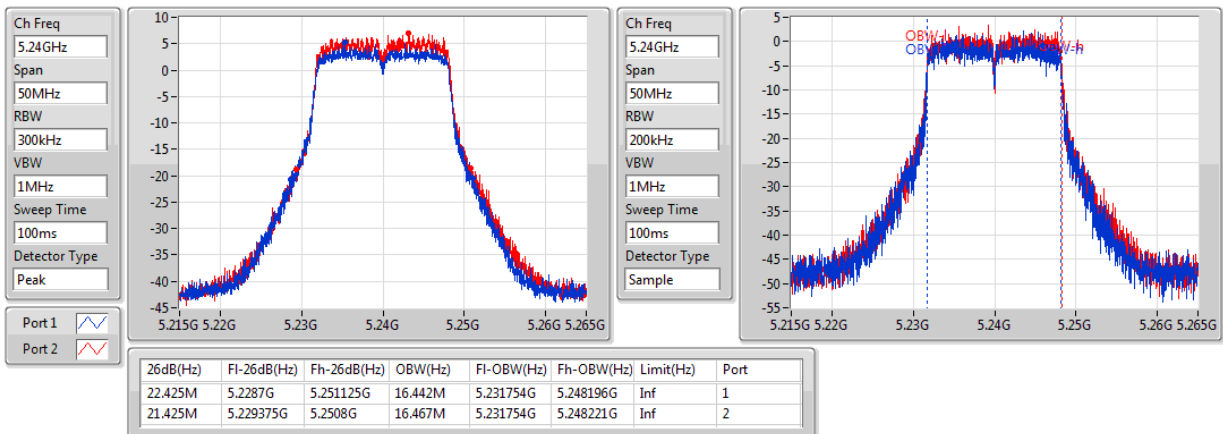
Min-OBW = Minimum 99% occupied bandwidth;

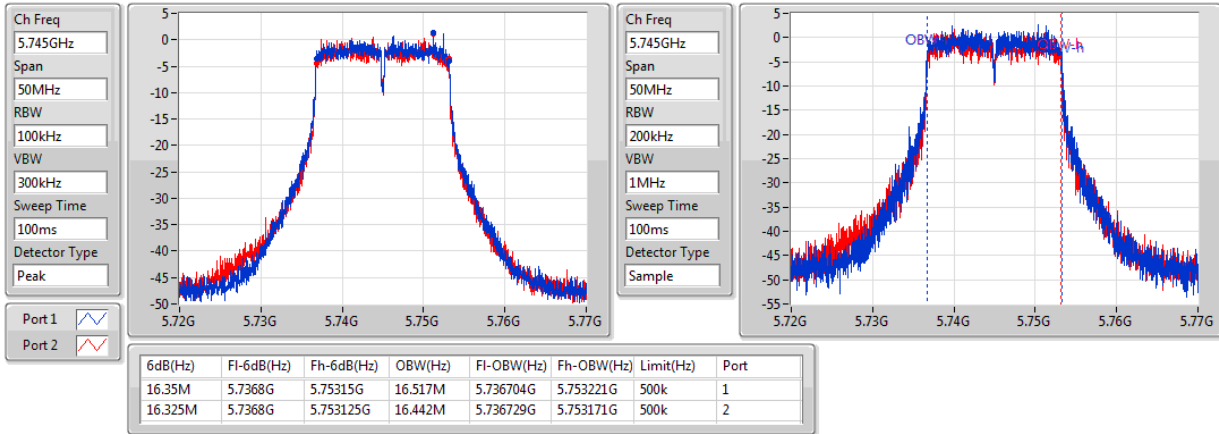
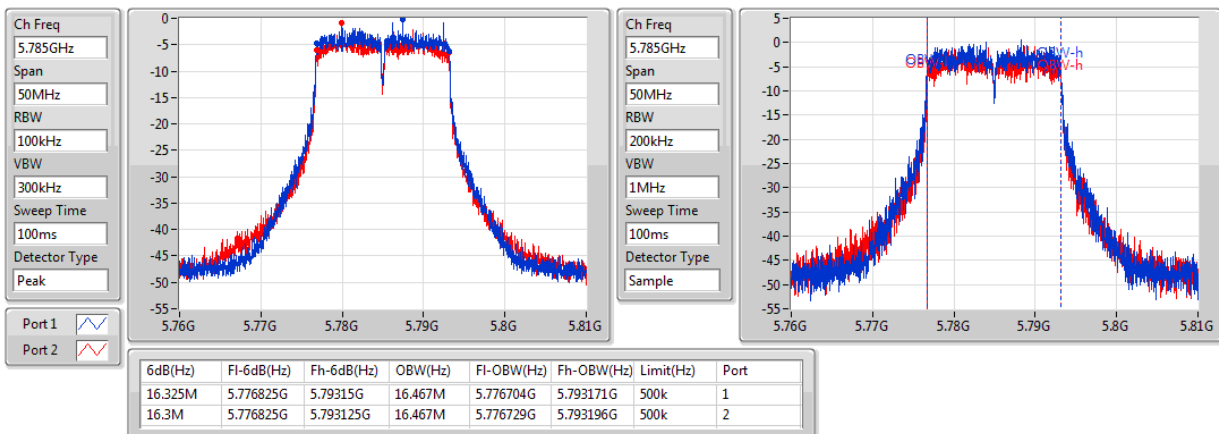
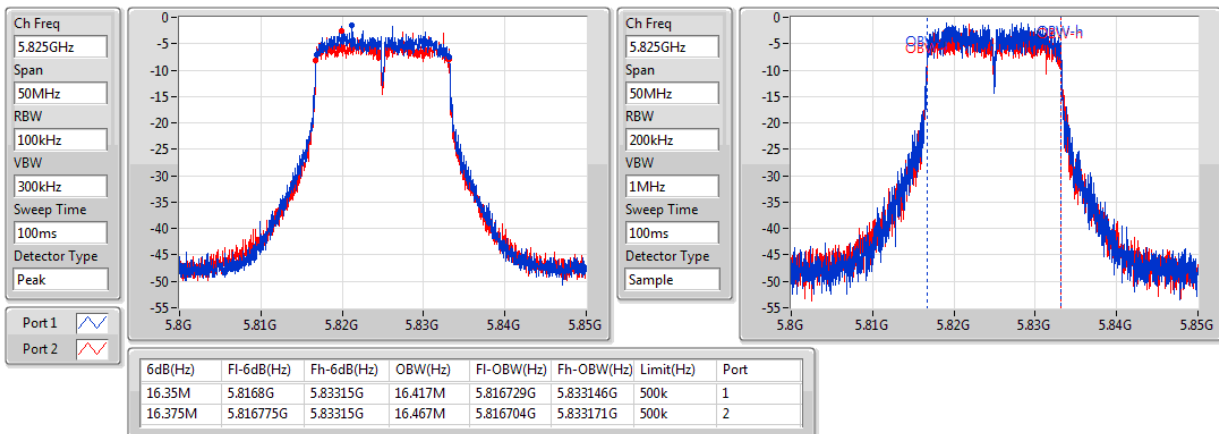
Result

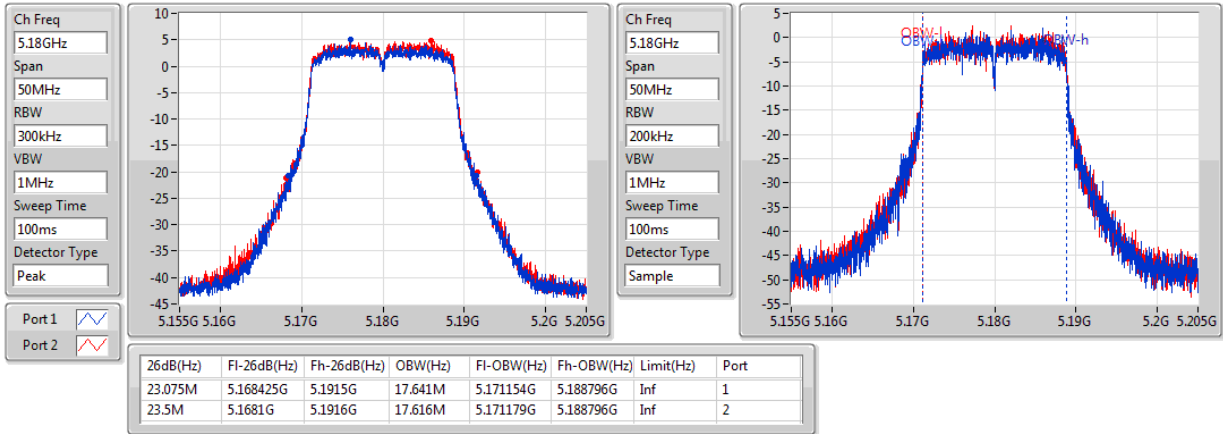
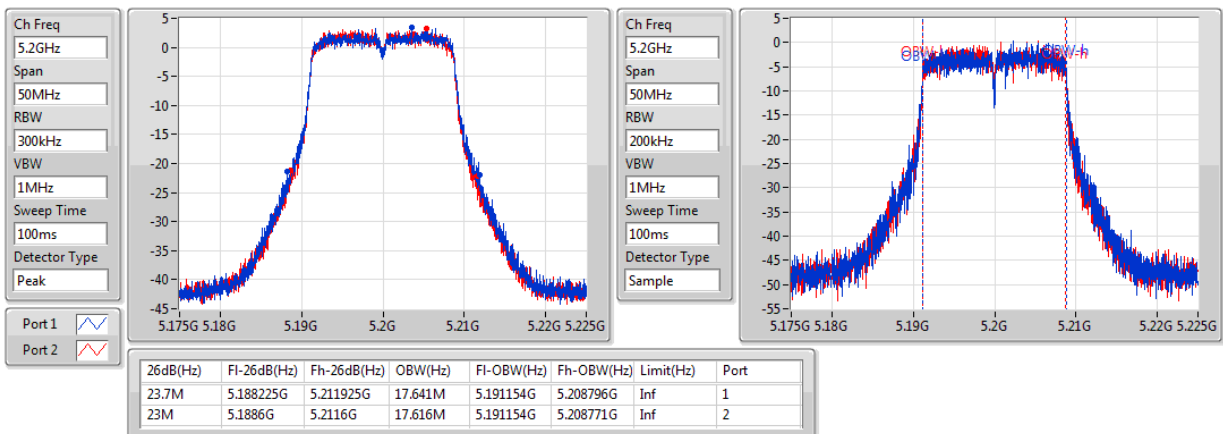
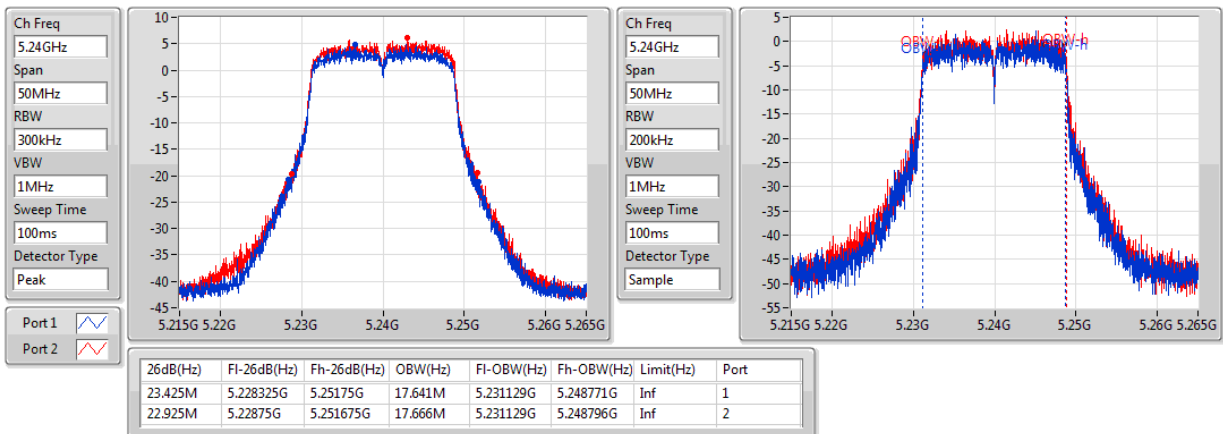
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.1M	16.467M	21.725M	16.467M
5200MHz	Pass	Inf	22.175M	16.492M	22.3M	16.467M
5240MHz	Pass	Inf	22.425M	16.442M	21.425M	16.467M
5745MHz	Pass	500k	16.35M	16.517M	16.325M	16.442M
5785MHz	Pass	500k	16.325M	16.467M	16.3M	16.467M
5825MHz	Pass	500k	16.35M	16.417M	16.375M	16.467M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.075M	17.641M	23.5M	17.616M
5200MHz	Pass	Inf	23.7M	17.641M	23M	17.616M
5240MHz	Pass	Inf	23.425M	17.641M	22.925M	17.666M
5745MHz	Pass	500k	17.025M	17.616M	17.55M	17.666M
5785MHz	Pass	500k	17.3M	17.591M	17.575M	17.641M
5825MHz	Pass	500k	17.575M	17.641M	17.575M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	47.65M	36.282M	46.1M	36.182M
5230MHz	Pass	Inf	46.9M	36.182M	47.4M	36.182M
5755MHz	Pass	500k	36.35M	36.282M	36.1M	36.132M
5795MHz	Pass	500k	36.3M	36.232M	35.65M	36.182M

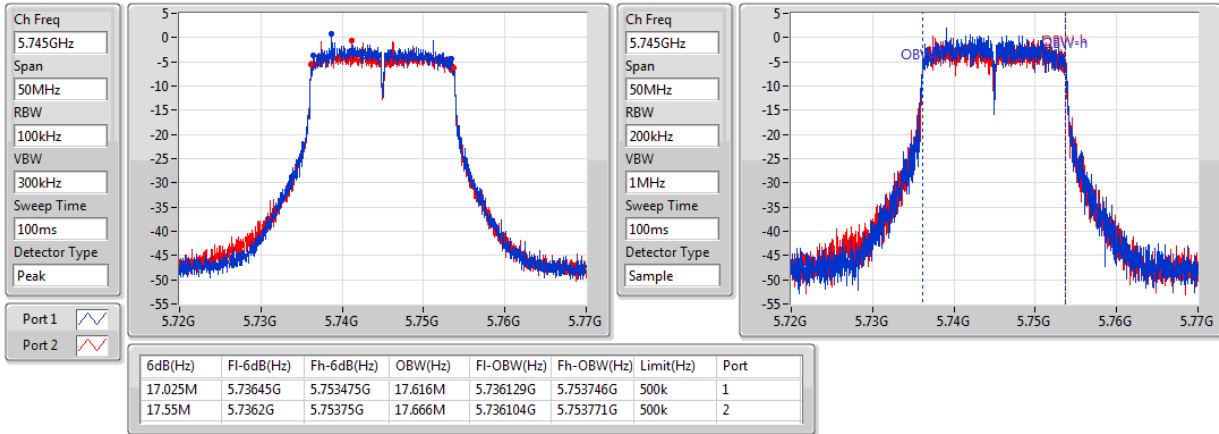
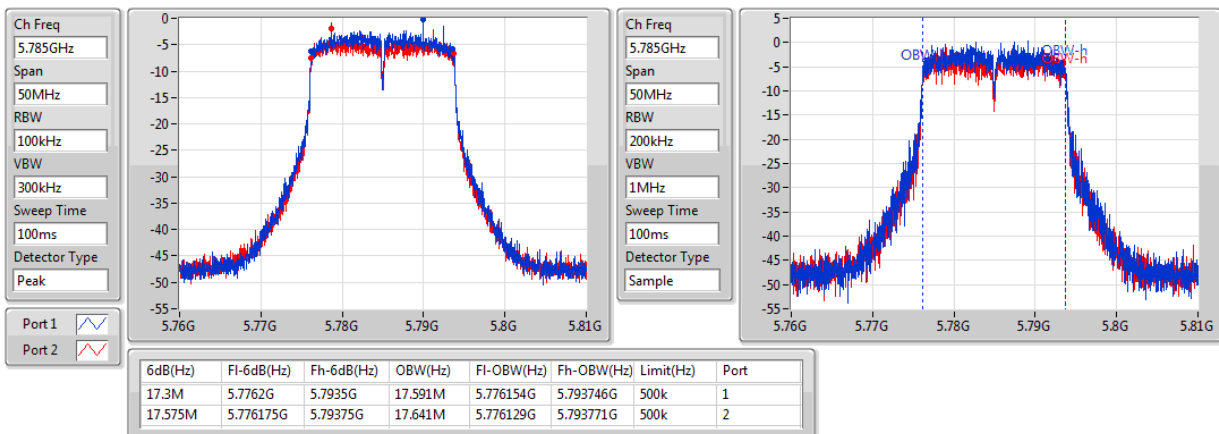
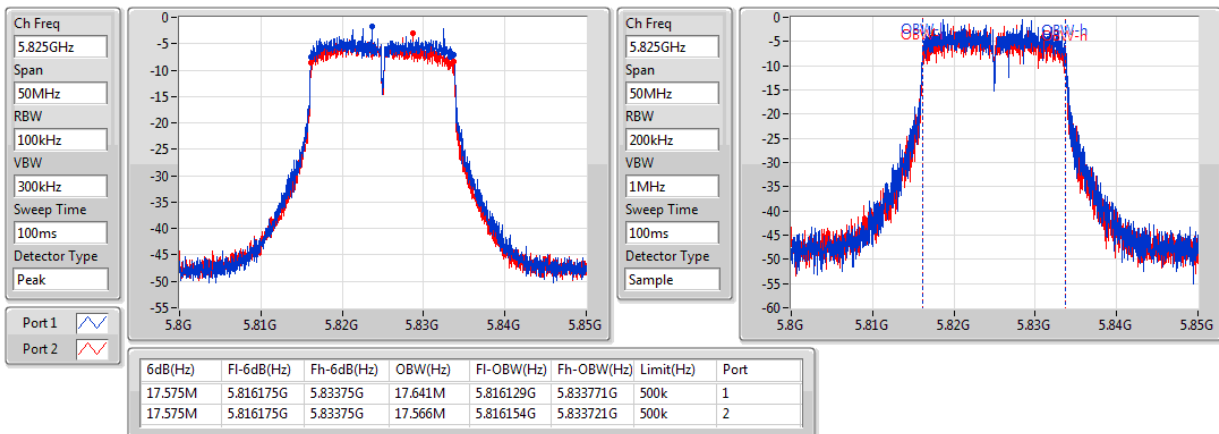
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

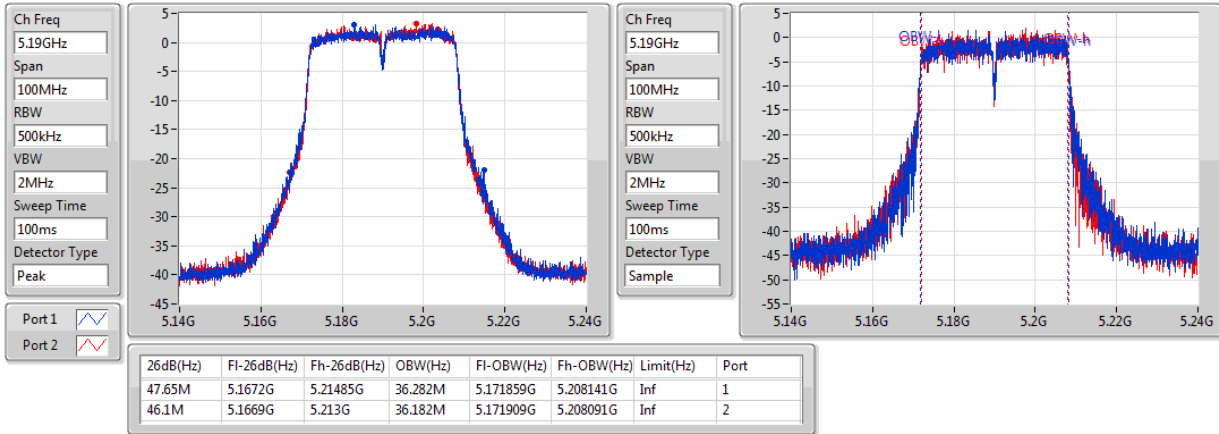
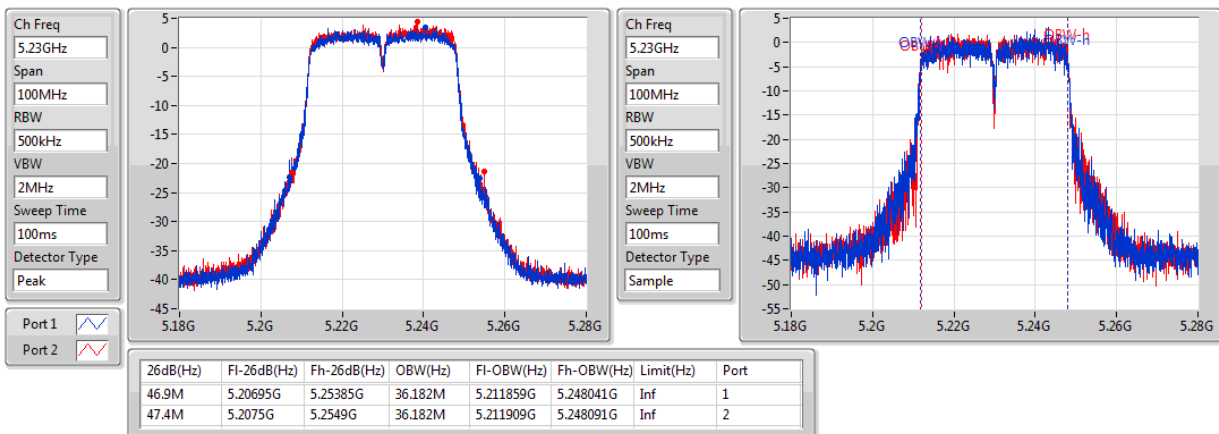
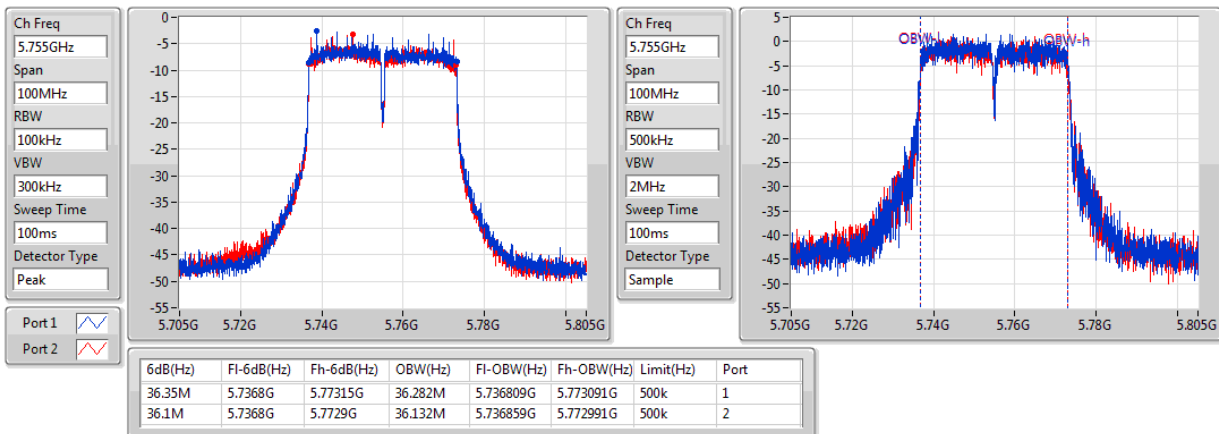
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_(6Mbps)_2TX
EBW
5180MHz

802.11a_(6Mbps)_2TX
EBW
5200MHz

802.11a_(6Mbps)_2TX
EBW
5240MHz


802.11a_(6Mbps)_2TX
EBW
5745MHz

802.11a_(6Mbps)_2TX
EBW
5785MHz

802.11a_(6Mbps)_2TX
EBW
5825MHz


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5180MHz

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5240MHz


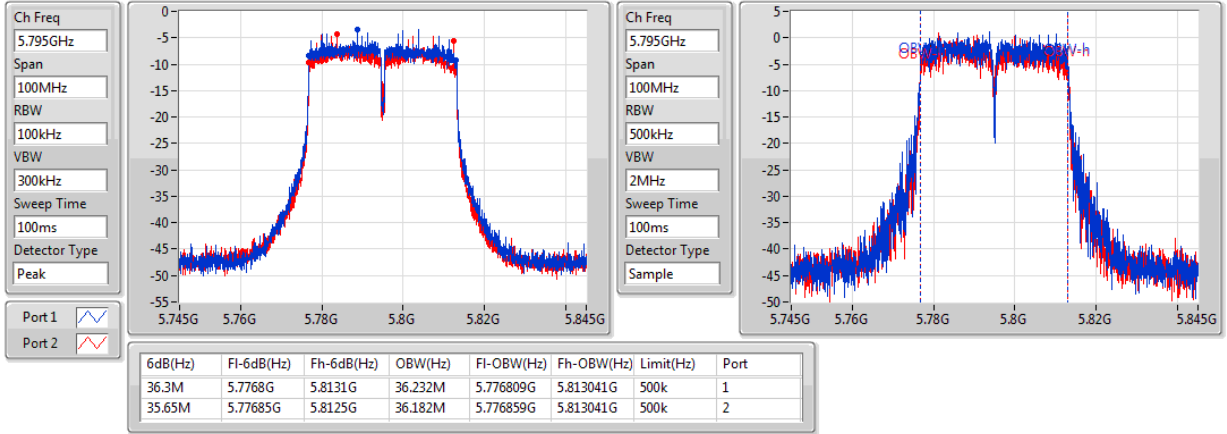
802.11n HT20_Nss1,(MCS0)_2TX
EBW
5745MHz

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5785MHz

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5825MHz


802.11n HT40_Nss1,(MCS0)_2TX
EBW
5190MHz

802.11n HT40_Nss1,(MCS0)_2TX
EBW
5230MHz

802.11n HT40_Nss1,(MCS0)_2TX
EBW
5755MHz


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5795MHz



**For Mode 2: Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	16.517M	16M5D1D	16.3M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.691M	17M7D1D	17.225M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	36.35M	36.182M	36M2D1D	35.65M	36.132M

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

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

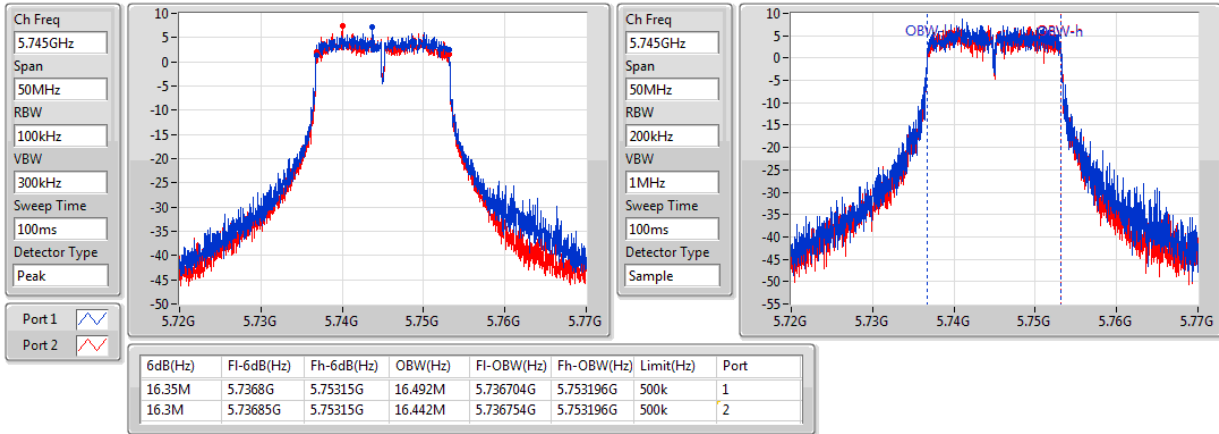
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	16.35M	16.492M	16.3M	16.442M
5785MHz	Pass	500k	16.325M	16.492M	16.325M	16.442M
5825MHz	Pass	500k	16.35M	16.442M	16.35M	16.517M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	17.575M	17.666M	17.225M	17.566M
5785MHz	Pass	500k	17.3M	17.666M	17.575M	17.691M
5825MHz	Pass	500k	17.55M	17.641M	17.55M	17.641M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	500k	36.1M	36.182M	36.35M	36.182M
5795MHz	Pass	500k	36.1M	36.182M	35.65M	36.132M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

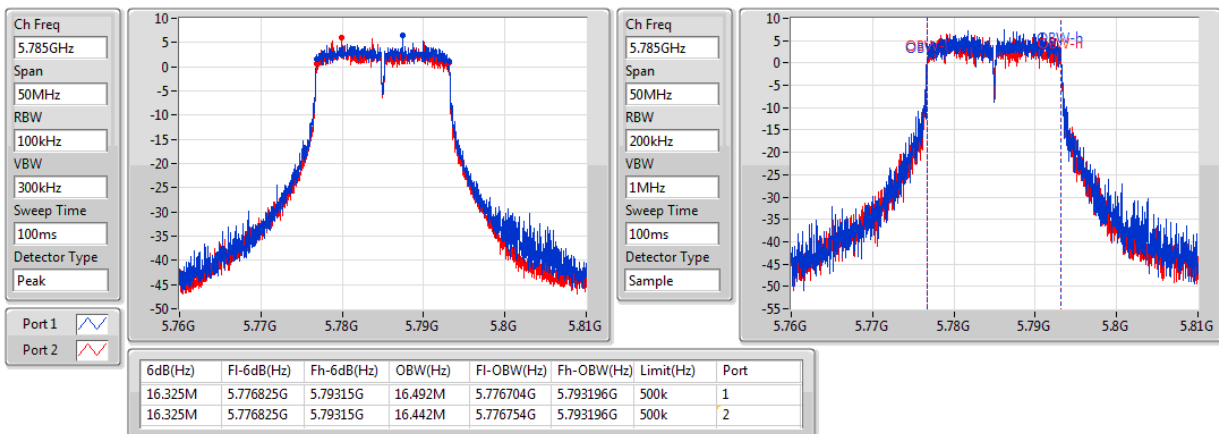
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

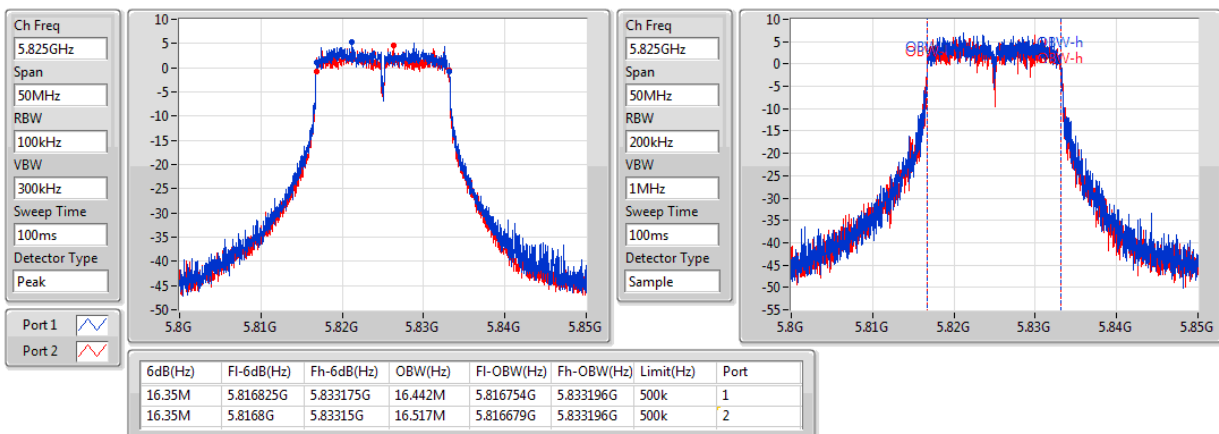
01/03/2018


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

01/03/2018

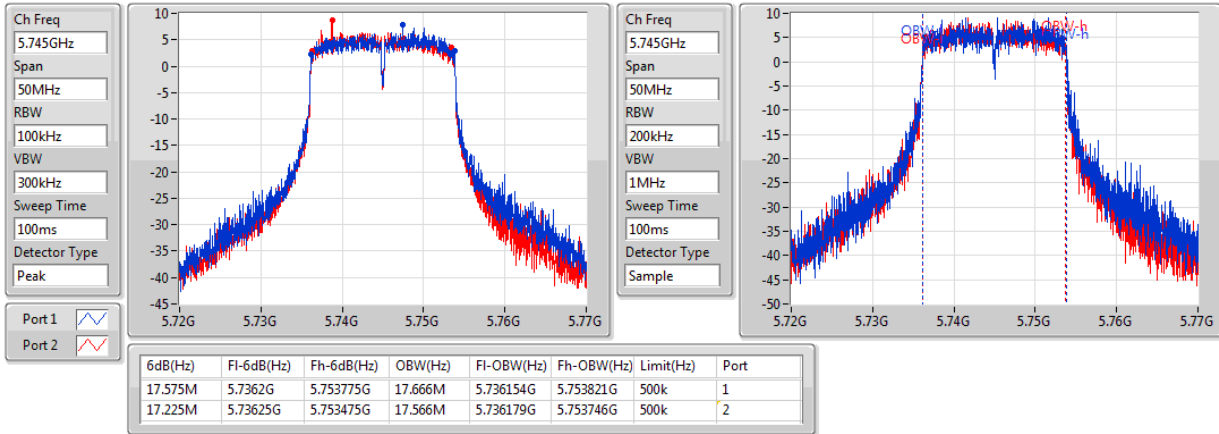

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

01/03/2018

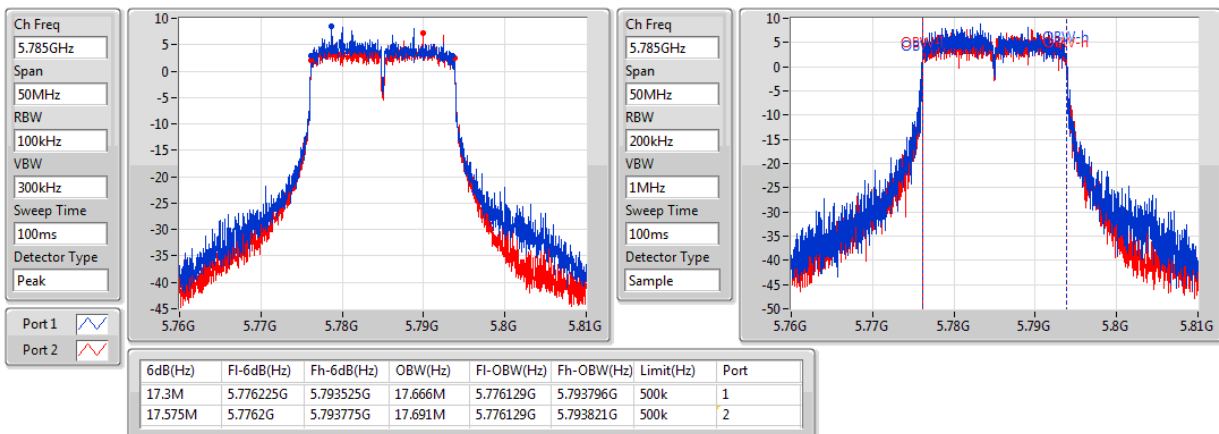


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5745MHz

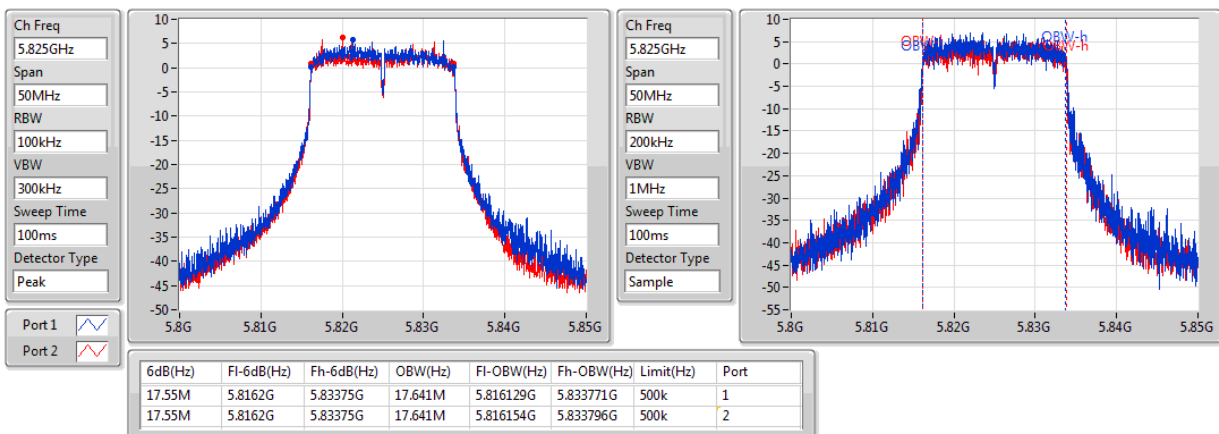
01/03/2018


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5785MHz

01/03/2018

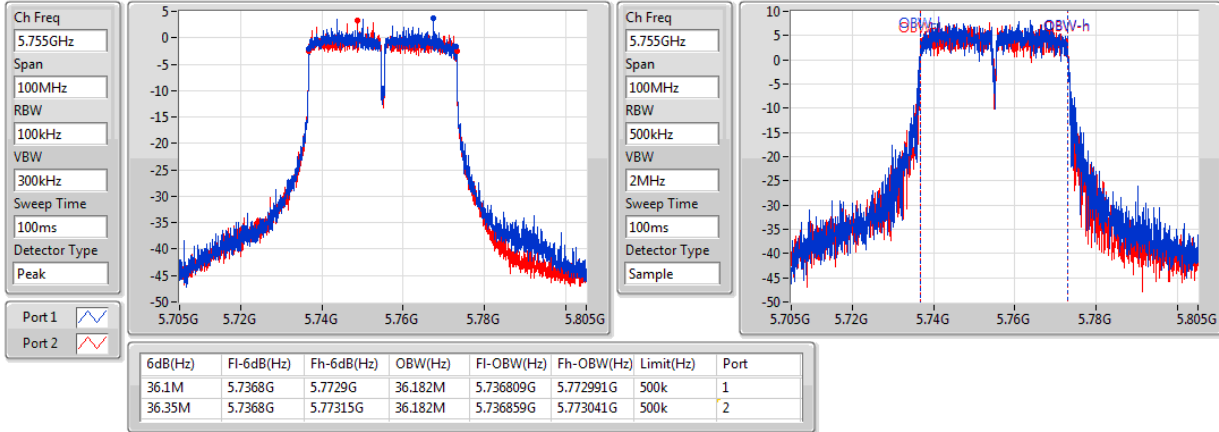

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5825MHz

01/03/2018

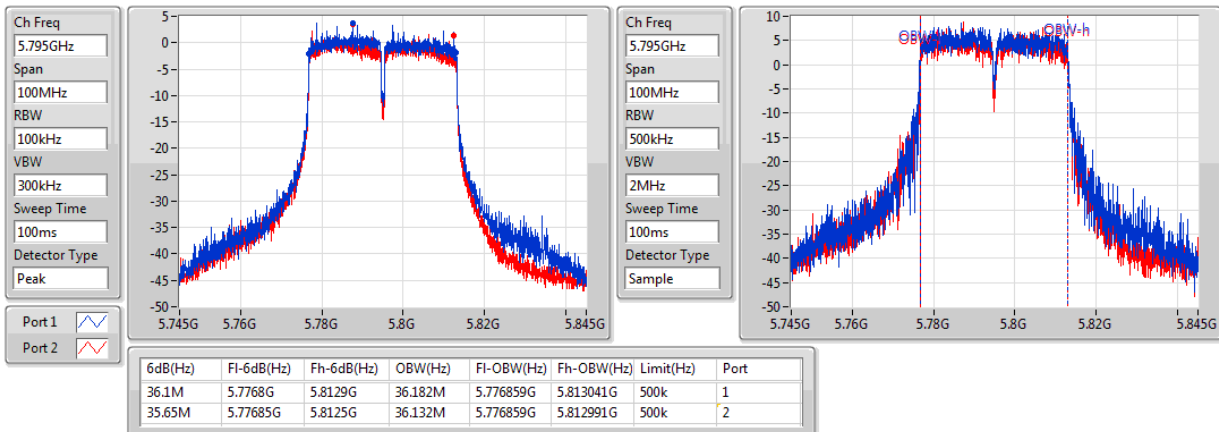


802.11n HT40_Nss1,(MCS0)_2TX
EBW
5755MHz

01/03/2018


802.11n HT40_Nss1,(MCS0)_2TX
EBW
5795MHz

01/03/2018



**For 10MHz bandwidth:****For Mode 1:****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	17.47	0.05585	36.86	4.85289
5.725-5.85GHz	16.08	0.04055	36.89	4.88652
HT10_Nss1.(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	17.51	0.05636	36.90	4.89779
5.725-5.85GHz	16.07	0.04046	36.88	4.87528

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	19.39	12.72	12.97	15.86	30.00
5200MHz	Pass	19.39	14.15	14.74	17.47	30.00
5220MHz	Pass	19.39	14.24	14.65	17.46	30.00
5240MHz	Pass	19.39	13.93	14.49	17.23	30.00
5745MHz	Pass	20.81	12.82	13.21	16.03	30.00
5765MHz	Pass	20.81	12.82	13.30	16.08	30.00
5785MHz	Pass	20.81	13.04	12.68	15.87	30.00
5805MHz	Pass	20.81	12.95	13.10	16.04	30.00
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	19.39	14.08	14.75	17.44	30.00
5200MHz	Pass	19.39	14.33	14.67	17.51	30.00
5220MHz	Pass	19.39	14.25	14.71	17.50	30.00
5240MHz	Pass	19.39	13.90	14.62	17.29	30.00
5745MHz	Pass	20.81	13.01	13.11	16.07	30.00
5765MHz	Pass	20.81	12.66	13.05	15.87	30.00
5785MHz	Pass	20.81	13.13	12.77	15.97	30.00
5805MHz	Pass	20.81	12.99	13.08	16.05	30.00

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



**For Mode 2:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
11a-10M_Nss1,(6Mbps)_2TX	23.63	0.23067
HT10_Nss1,(MCS0)_2TX	23.53	0.22542

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
11a-10M_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	19.63	19.77	22.71	29.02
5765MHz	Pass	6.98	20.76	20.47	23.63	29.02
5785MHz	Pass	6.98	19.78	19.92	22.86	29.02
5805MHz	Pass	6.98	17.28	17.62	20.46	29.02
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	19.35	19.48	22.43	29.02
5765MHz	Pass	6.98	20.67	20.37	23.53	29.02
5785MHz	Pass	6.98	19.86	19.95	22.92	29.02
5805MHz	Pass	6.98	18.97	18.99	21.99	29.02

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

**For 20MHz bandwidth and 40MHz bandwidth:****For Mode 1:****Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	16.52	0.04487	35.91	3.89942
5.725-5.85GHz	16.08	0.04055	36.89	4.88652
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	16.34	0.04305	35.73	3.74111
5.725-5.85GHz	15.38	0.03451	36.19	4.15911
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	15.86	0.03855	35.25	3.34965
5.725-5.85GHz	15.03	0.03184	35.84	3.83707

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a (6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	19.39	12.26	11.88	15.08	30.00
5200MHz	Pass	19.39	12.21	12.34	15.29	30.00
5240MHz	Pass	19.39	13.05	13.92	16.52	30.00
5745MHz	Pass	20.81	13.47	12.63	16.08	30.00
5785MHz	Pass	20.81	12.33	11.83	15.10	30.00
5825MHz	Pass	20.81	11.52	11.12	14.33	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	19.39	13.31	12.92	16.13	30.00
5200MHz	Pass	19.39	11.78	11.85	14.83	30.00
5240MHz	Pass	19.39	12.75	13.84	16.34	30.00
5745MHz	Pass	20.81	12.88	11.79	15.38	30.00
5785MHz	Pass	20.81	12.09	11.41	14.77	30.00
5825MHz	Pass	20.81	10.71	10.55	13.64	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	19.39	12.16	12.3	15.24	30.00
5230MHz	Pass	19.39	12.45	13.22	15.86	30.00
5755MHz	Pass	20.81	12.3	11.73	15.03	30.00
5795MHz	Pass	20.81	11.84	11.39	14.63	30.00

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

For Mode 2:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.30	0.26915
802.11n HT20_Nss1,(MCS0)_2TX	24.98	0.31477
802.11n HT40_Nss1,(MCS0)_2TX	23.39	0.21827

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	21.16	21.41	24.30	29.02
5785MHz	Pass	6.98	20.12	20.34	23.24	29.02
5825MHz	Pass	6.98	19.46	20.06	22.78	29.02
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	21.85	22.08	24.98	29.02
5785MHz	Pass	6.98	21.26	21.55	24.42	29.02
5825MHz	Pass	6.98	20.39	20.62	23.52	29.02
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	6.98	19.07	20.22	22.69	29.02
5795MHz	Pass	6.98	20.24	20.52	23.39	29.02

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



For 10MHz bandwidth:

For Mode 1:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	7.40
5.725-5.85GHz	4.65
HT10_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	7.19
5.725-5.85GHz	7.17

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	22.40	4.43	4.40	7.38	17.00
5200MHz	Pass	22.40	4.07	4.74	7.40	17.00
5220MHz	Pass	22.40	4.17	4.58	7.35	17.00
5240MHz	Pass	22.40	3.76	4.43	7.05	17.00
5745MHz	Pass	23.82	1.13	1.74	4.34	30.00
5765MHz	Pass	23.82	1.44	2.06	4.65	30.00
5785MHz	Pass	23.82	1.52	1.32	4.34	30.00
5805MHz	Pass	23.82	1.28	1.53	4.26	30.00
HT10_Nss1_(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	22.40	3.62	4.42	7.01	17.00
5200MHz	Pass	22.40	4.02	4.34	7.19	17.00
5220MHz	Pass	22.40	3.93	4.48	7.14	17.00
5240MHz	Pass	22.40	3.54	4.42	7.00	17.00
5745MHz	Pass	23.82	4.33	4.09	7.17	30.00
5765MHz	Pass	23.82	1.07	1.38	4.10	30.00
5785MHz	Pass	23.82	1.34	1.27	4.22	30.00
5805MHz	Pass	23.82	1.08	1.19	3.97	30.00

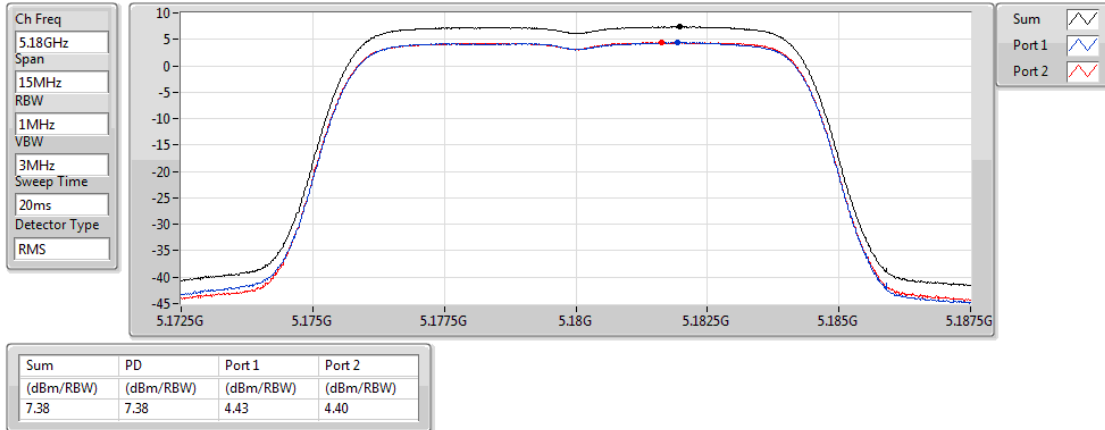
DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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)_2TX

PSD

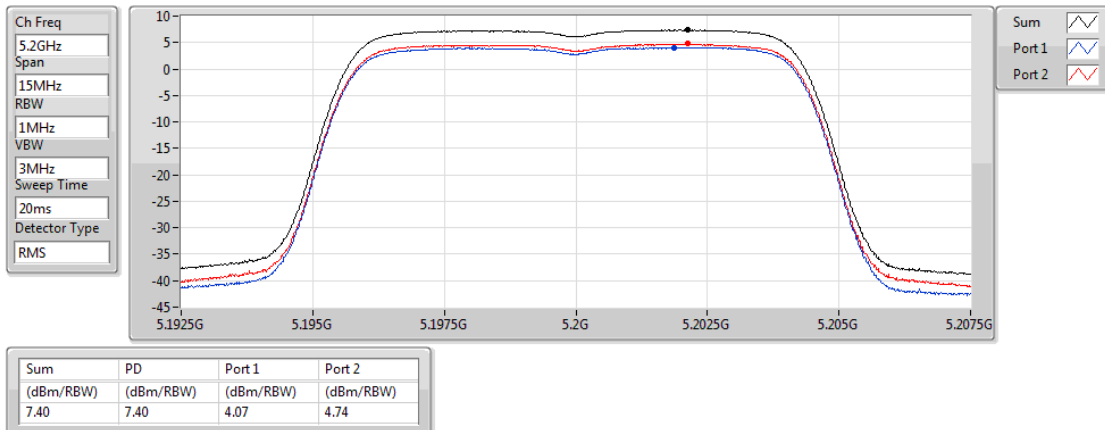
5180MHz



802.11a_(6Mbps)_2TX

PSD

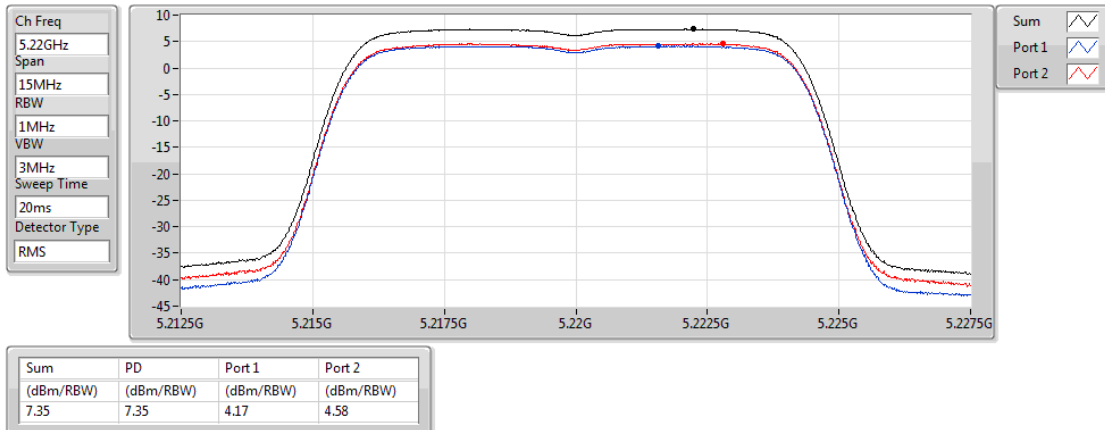
5200MHz



802.11a_(6Mbps)_2TX

PSD

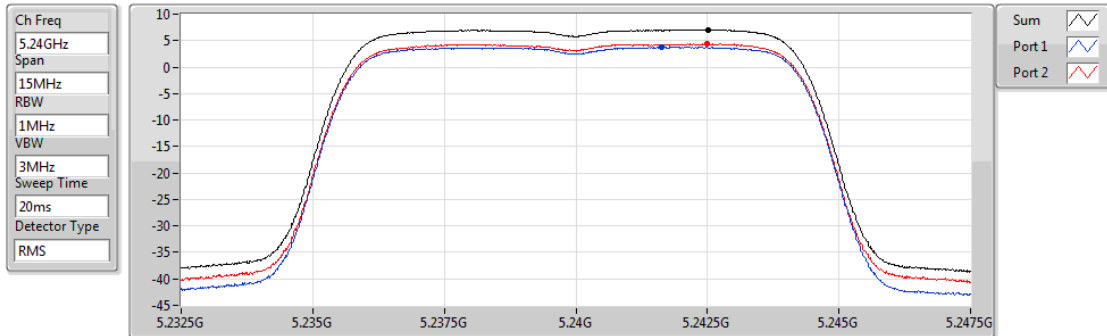
5220MHz



802.11a_(6Mbps)_2TX

PSD

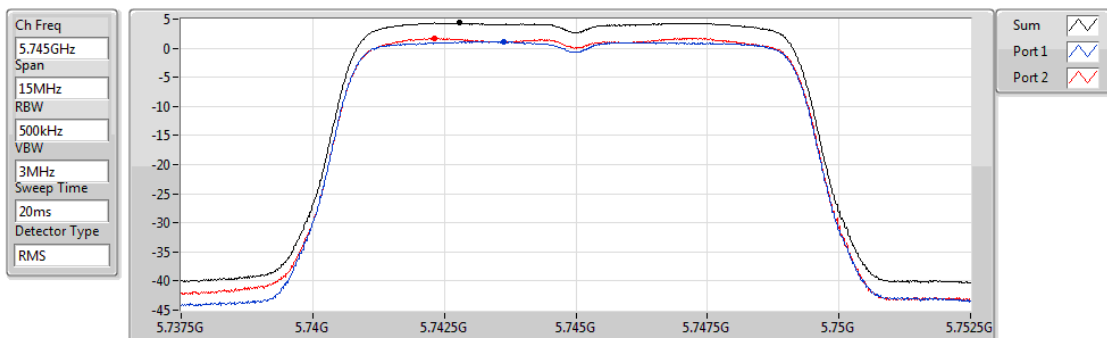
5240MHz



802.11a_(6Mbps)_2TX

PSD

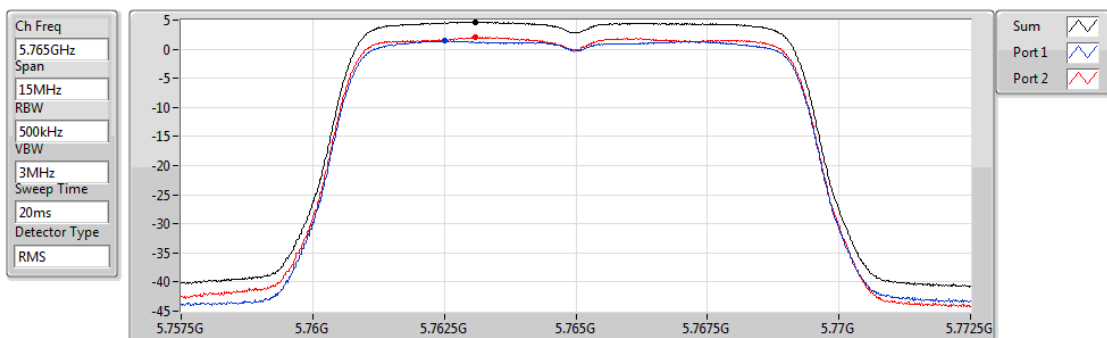
5745MHz



802.11a_(6Mbps)_2TX

PSD

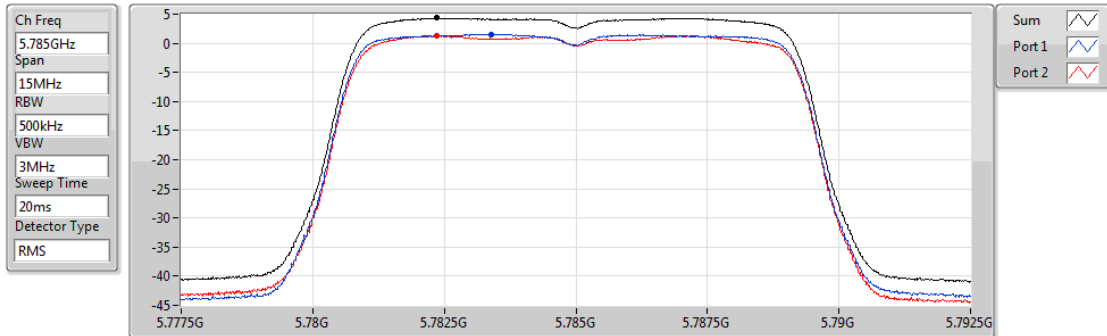
5765MHz



802.11a_(6Mbps)_2TX

PSD

5785MHz

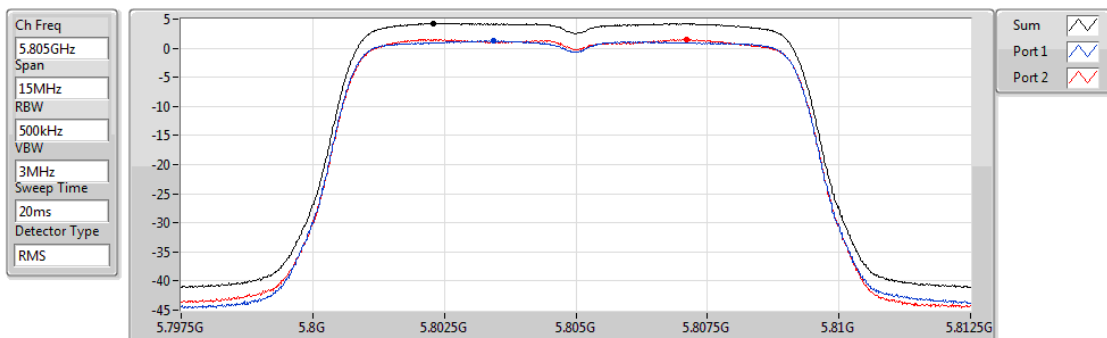


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	1.52	1.32

802.11a_(6Mbps)_2TX

PSD

5805MHz

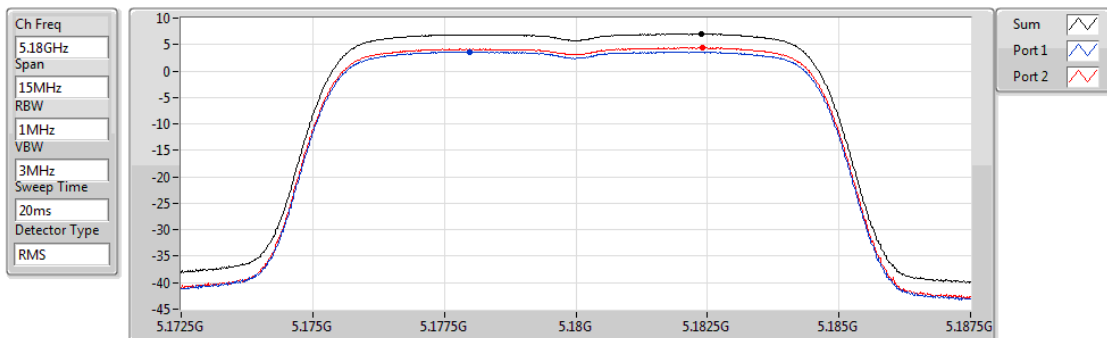


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	1.28	1.53

HT10_Nss1,(MCS0)_2TX

PSD

5180MHz

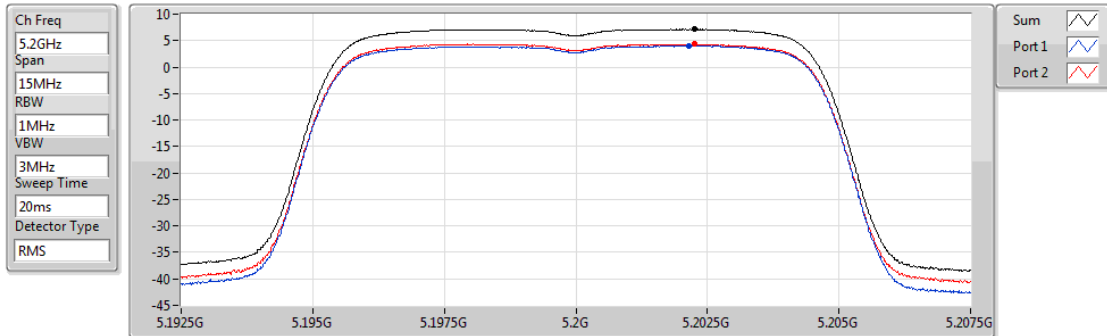


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	3.62	4.42

HT10_Nss1,(MCS0)_2TX

PSD

5200MHz

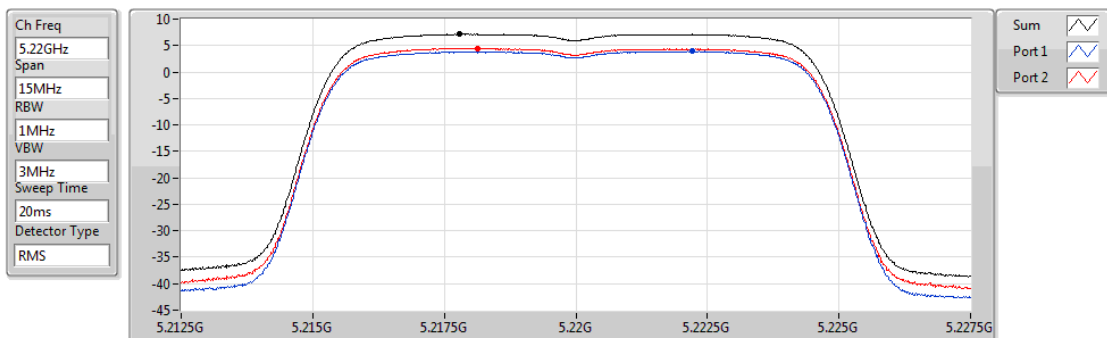


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.19	7.19	4.02	4.34

HT10_Nss1,(MCS0)_2TX

PSD

5220MHz

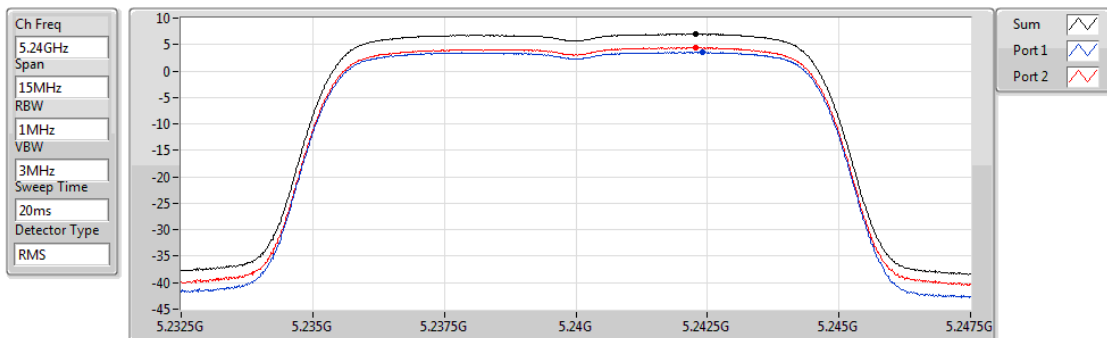


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	3.93	4.48

HT10_Nss1,(MCS0)_2TX

PSD

5240MHz

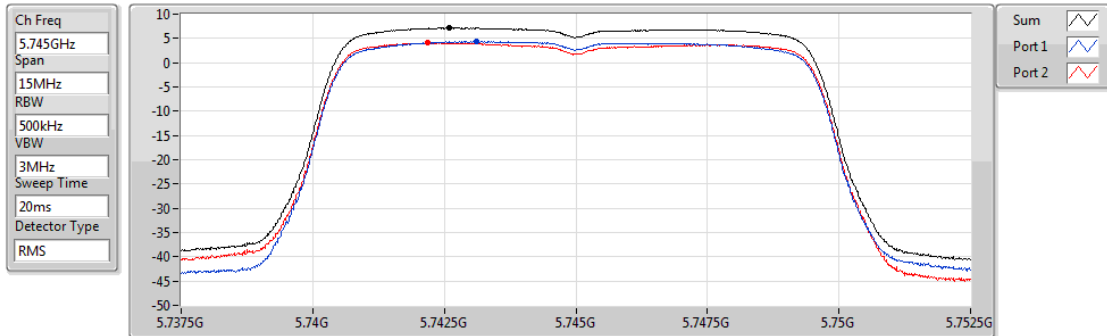


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	3.54	4.42

HT10_Nss1,(MCS0)_2TX

PSD

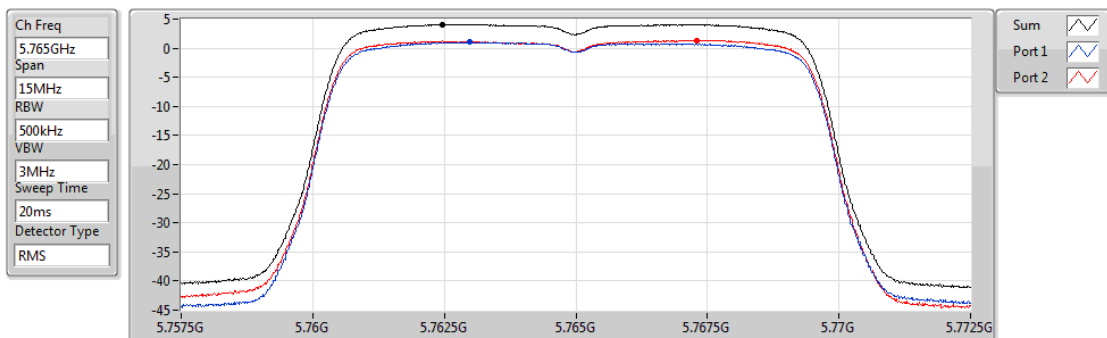
5745MHz



HT10_Nss1,(MCS0)_2TX

PSD

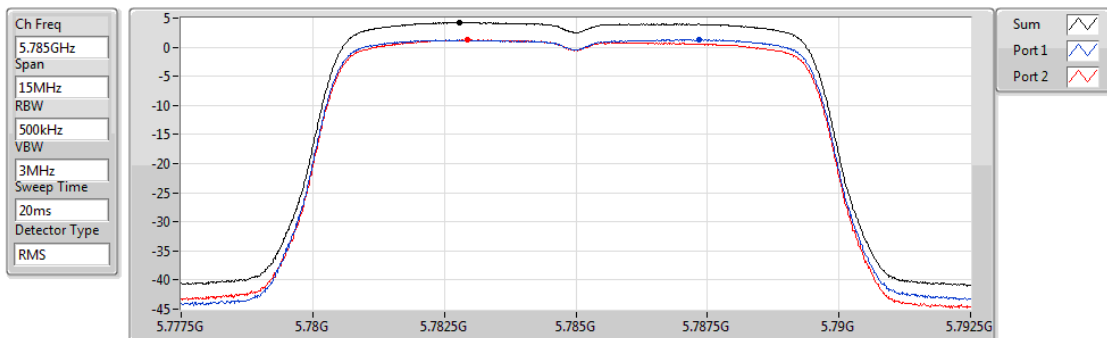
5765MHz

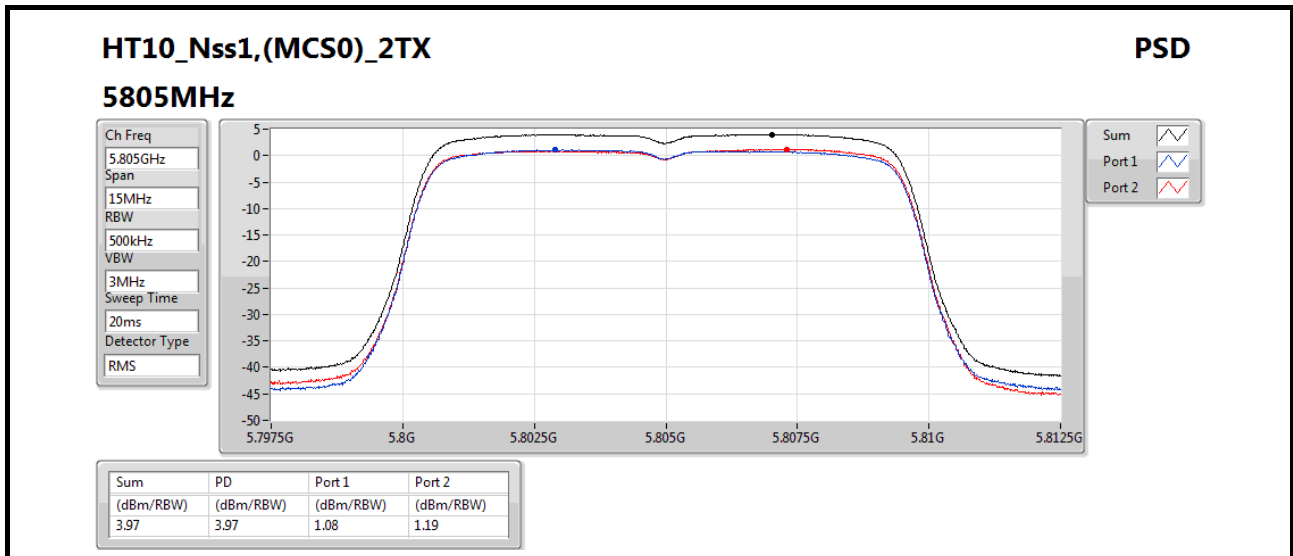


HT10_Nss1,(MCS0)_2TX

PSD

5785MHz







**For Mode 2:
Summary**

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
11a-10M_Nss1,(6Mbps)_2TX	12.77
HT10_Nss1,(MCS0)_2TX	12.72

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
11a-10M_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	7.65	10.31	11.92	29.02
5765MHz	Pass	6.98	9.16	10.81	12.77	29.02
5785MHz	Pass	6.98	8.23	10.16	12.10	29.02
5805MHz	Pass	6.98	6.53	7.95	10.13	29.02
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	6.72	9.93	11.53	29.02
5765MHz	Pass	6.98	8.48	10.74	12.72	29.02
5785MHz	Pass	6.98	7.96	9.90	11.95	29.02
5805MHz	Pass	6.98	7.36	8.54	10.94	29.02

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

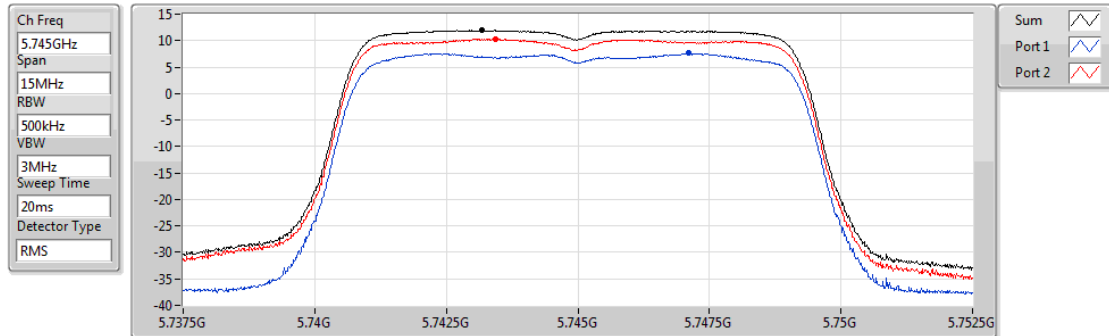
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

11a-10M_Nss1,(6Mbps)_2TX

PSD

5745MHz

12/04/2018



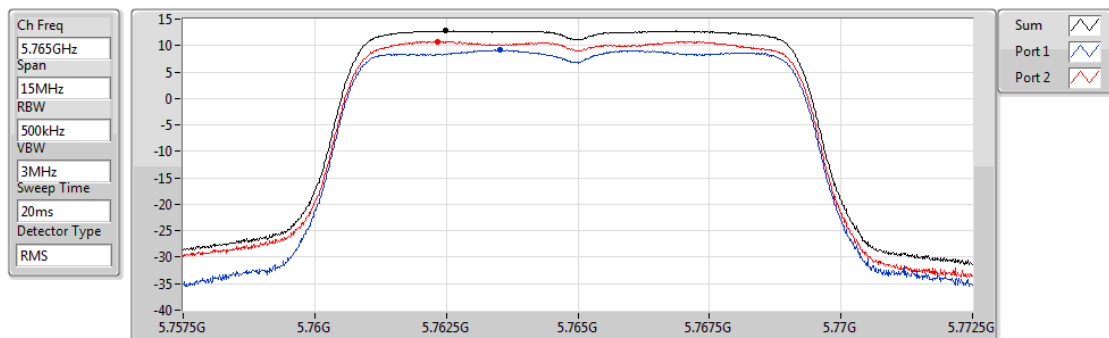
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.92	11.92	7.65	10.31

11a-10M_Nss1,(6Mbps)_2TX

PSD

5765MHz

12/04/2018



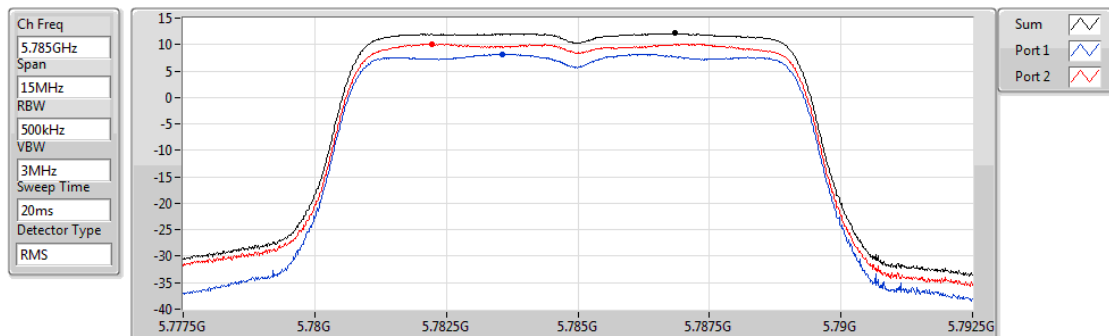
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.77	12.77	9.16	10.81

11a-10M_Nss1,(6Mbps)_2TX

PSD

5785MHz

12/04/2018



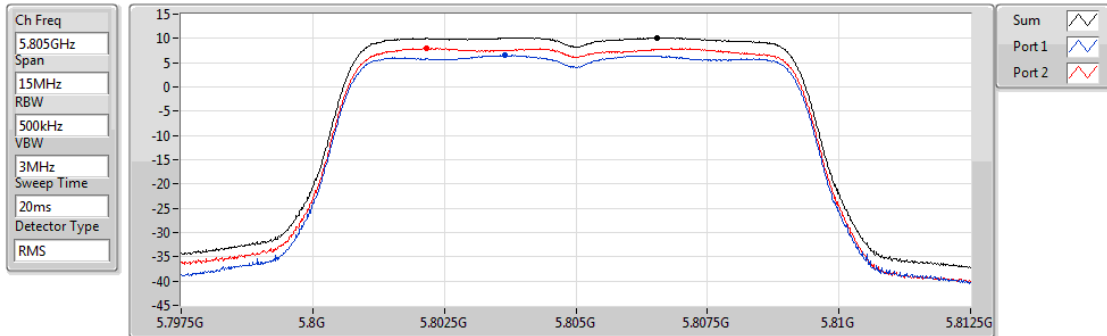
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.10	12.10	8.23	10.16

11a-10M_Nss1,(6Mbps)_2TX

PSD

5805MHz

12/04/2018



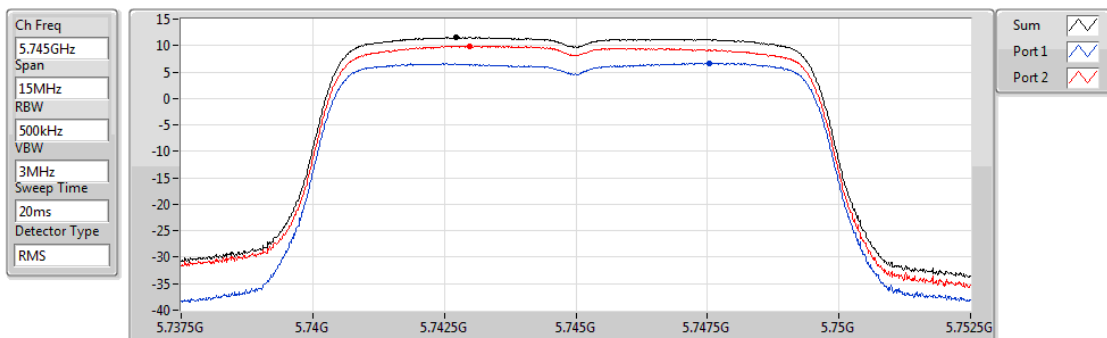
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	6.53	7.95

HT10_Nss1,(MCS0)_2TX

PSD

5745MHz

12/04/2018



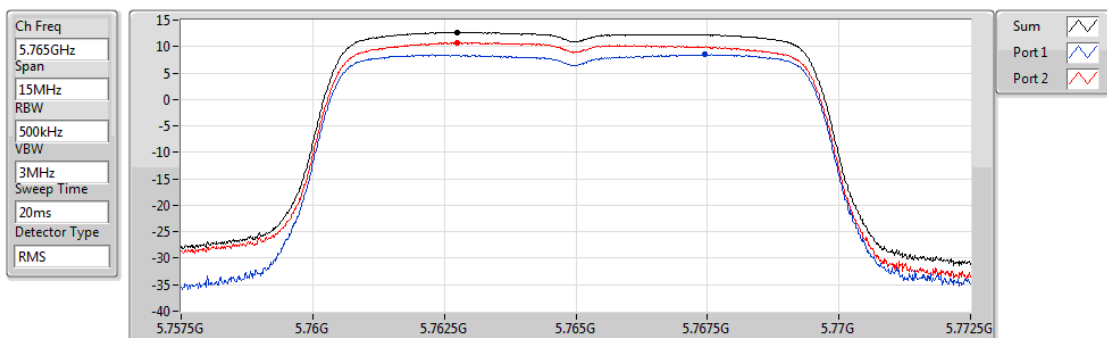
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.53	11.53	6.72	9.93

HT10_Nss1,(MCS0)_2TX

PSD

5765MHz

12/04/2018



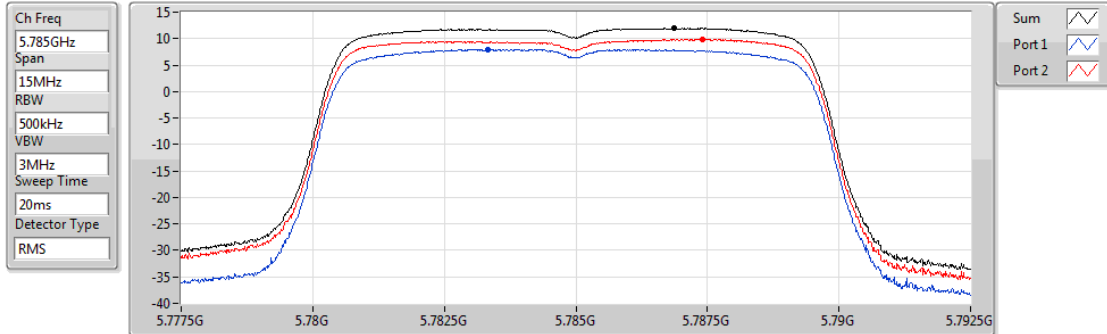
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.72	12.72	8.48	10.74

HT10_Nss1,(MCS0)_2TX

5785MHz

PSD

12/04/2018



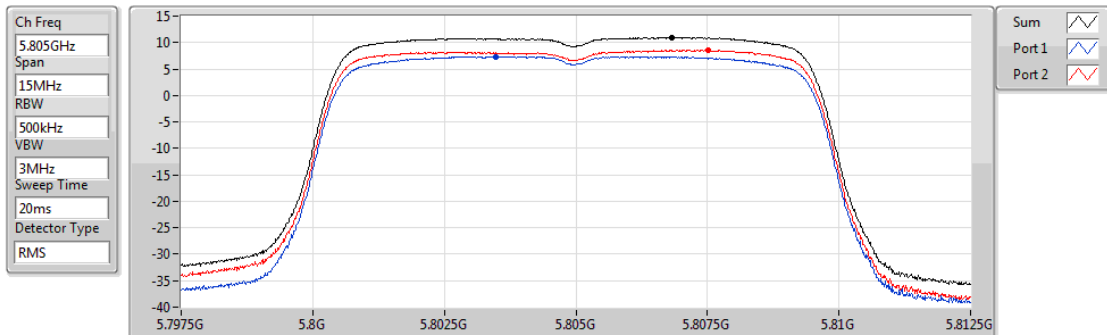
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.95	11.95	7.96	9.90

HT10_Nss1,(MCS0)_2TX

5805MHz

PSD

12/04/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	7.36	8.54



For 20MHz bandwidth and 40MHz bandwidth:

For Mode 1:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	3.86
5.725-5.85GHz	1.56
802.11n HT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	3.89
5.725-5.85GHz	0.94
802.11n HT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	-0.08
5.725-5.85GHz	-2.19

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	22.40	-0.46	-0.30	2.57	17.00
5200MHz	Pass	22.40	-0.38	-0.21	2.68	17.00
5240MHz	Pass	22.40	0.38	1.38	3.86	17.00
5745MHz	Pass	23.82	-1.20	-1.62	1.56	30.00
5785MHz	Pass	23.82	-2.35	-3.07	0.05	30.00
5825MHz	Pass	23.82	-2.79	-3.03	-0.22	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	22.40	0.12	0.79	3.38	17.00
5200MHz	Pass	22.40	-0.90	-1.03	2.02	17.00
5240MHz	Pass	22.40	0.22	1.54	3.89	17.00
5745MHz	Pass	23.82	-1.60	-2.42	0.94	30.00
5785MHz	Pass	23.82	-2.41	-3.61	-0.01	30.00
5825MHz	Pass	23.82	-3.71	-4.18	-0.98	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	22.40	-3.81	-3.47	-0.69	17.00
5230MHz	Pass	22.40	-3.39	-2.68	-0.08	17.00
5755MHz	Pass	23.82	-5.02	-5.22	-2.19	30.00
5795MHz	Pass	23.82	-5.95	-6.09	-3.14	30.00

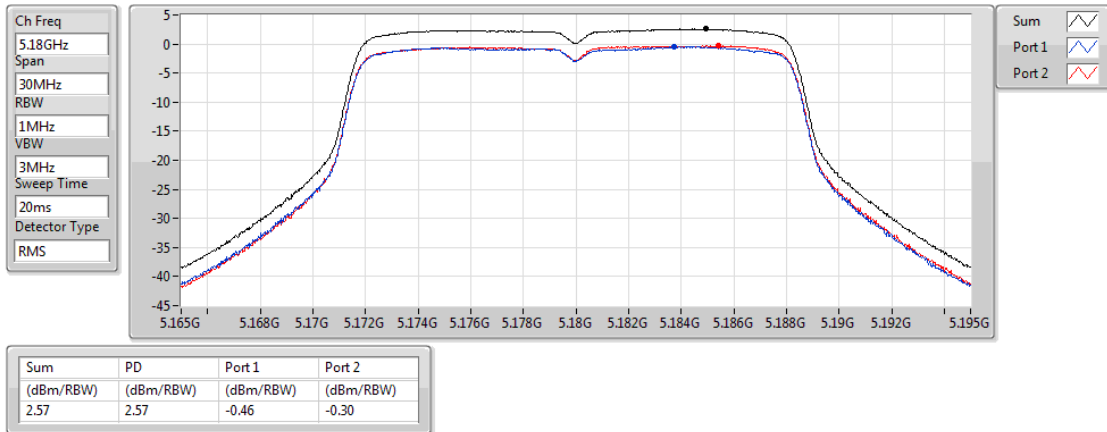
DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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)_2TX

PSD

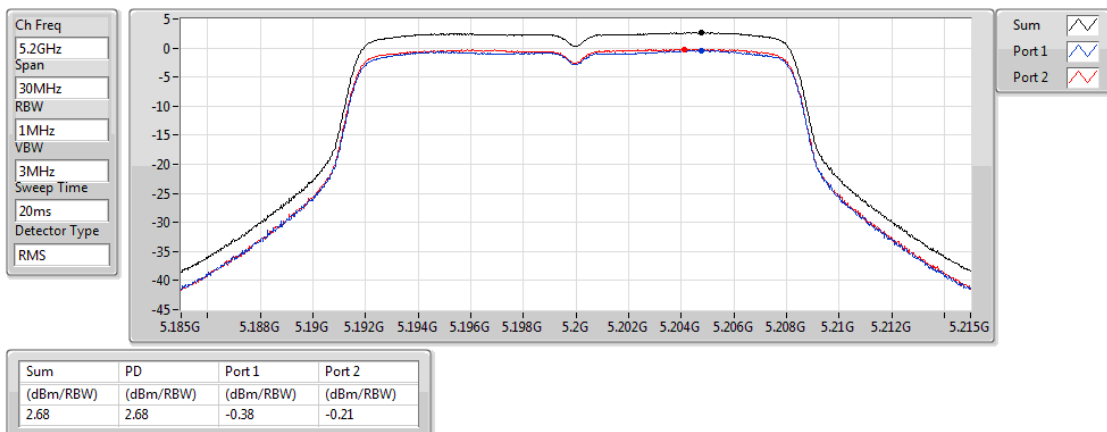
5180MHz



802.11a_(6Mbps)_2TX

PSD

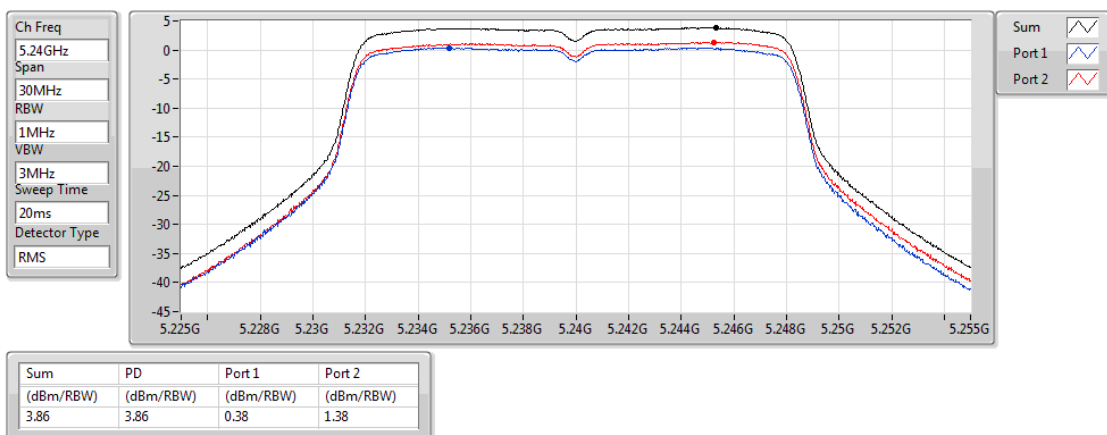
5200MHz



802.11a_(6Mbps)_2TX

PSD

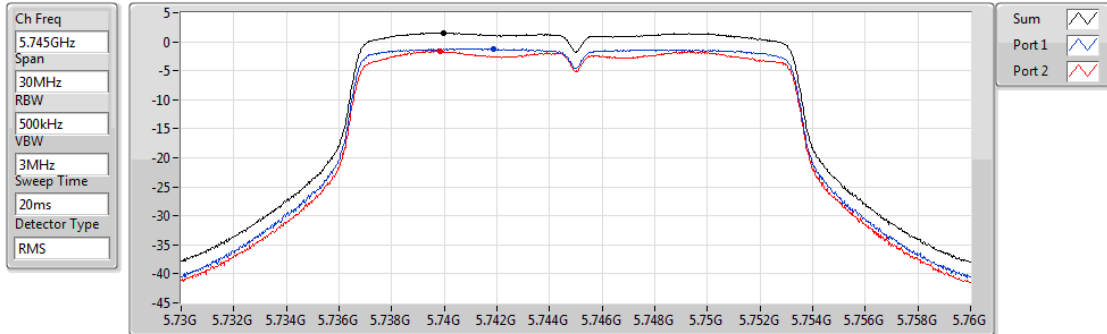
5240MHz



802.11a_(6Mbps)_2TX

PSD

5745MHz

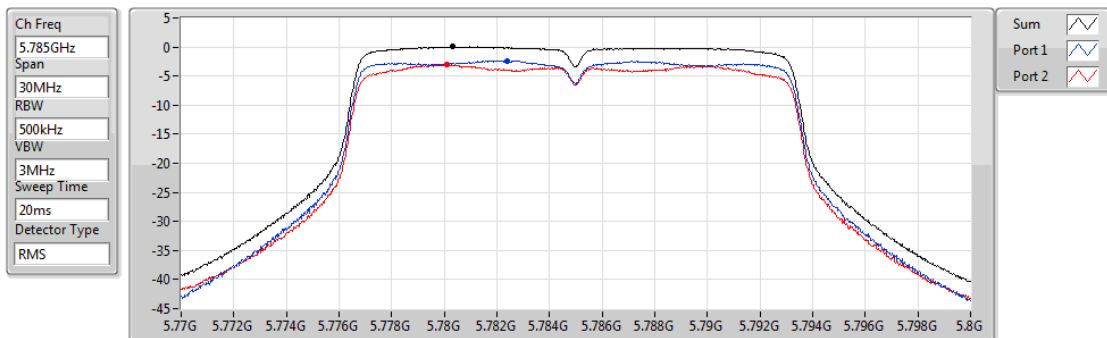


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.56	1.56	-1.20	-1.62

802.11a_(6Mbps)_2TX

PSD

5785MHz

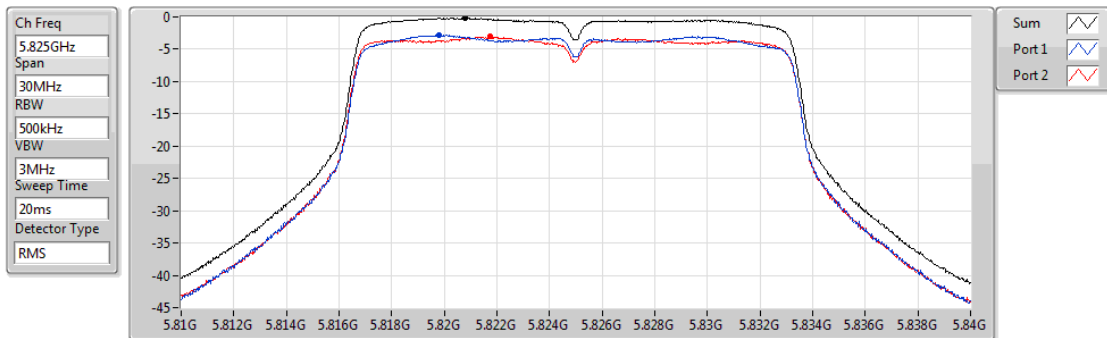


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.05	0.05	-2.35	-3.07

802.11a_(6Mbps)_2TX

PSD

5825MHz

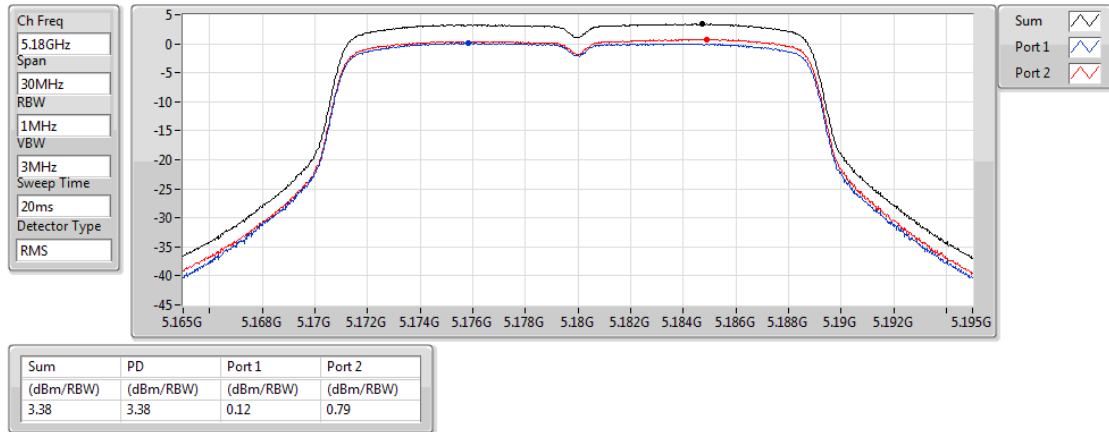


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.22	-0.22	-2.79	-3.03

802.11n HT20_Nss1,(MCS0)_2TX

PSD

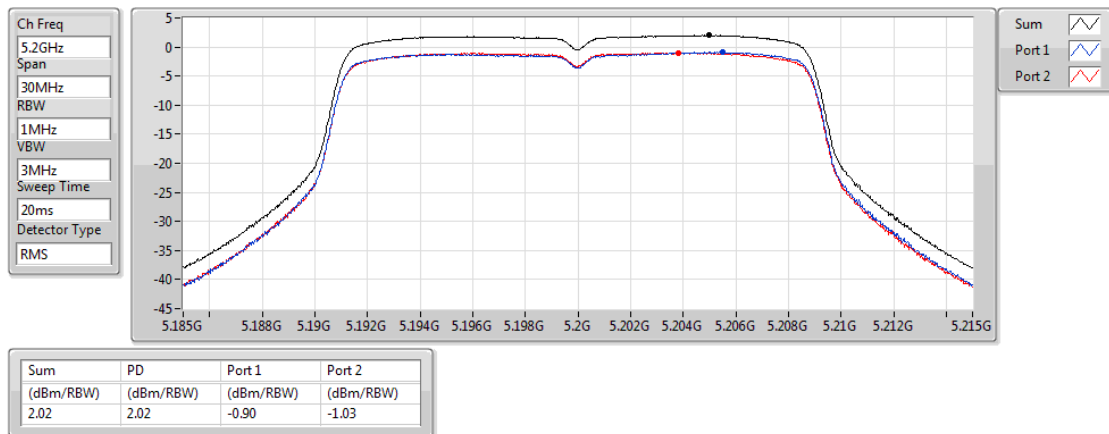
5180MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

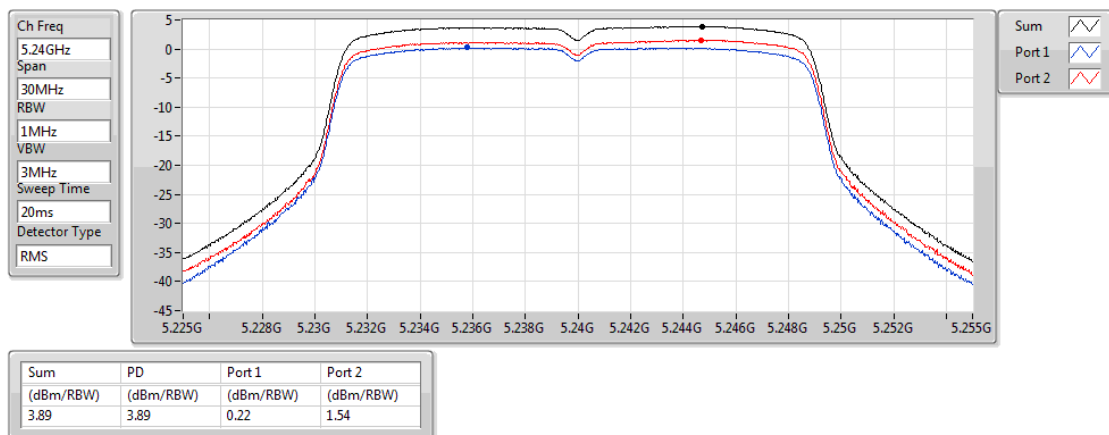
5200MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

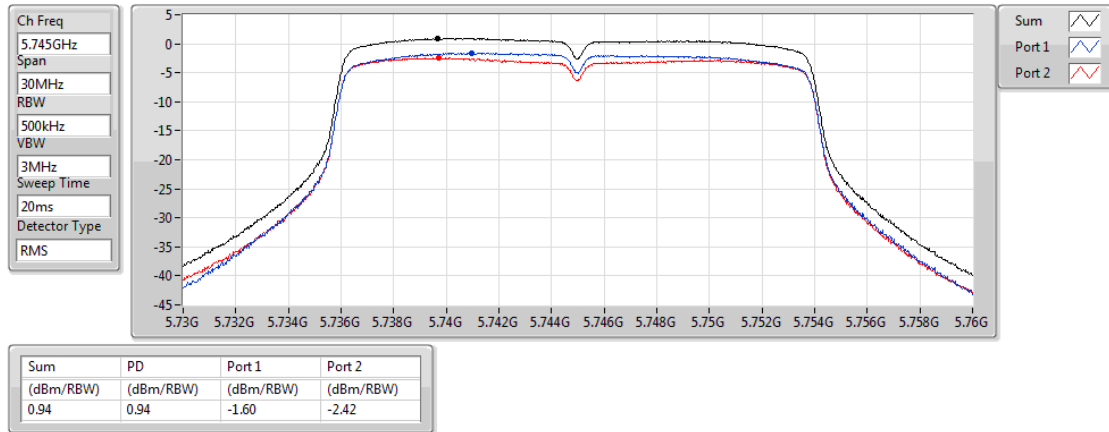
5240MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

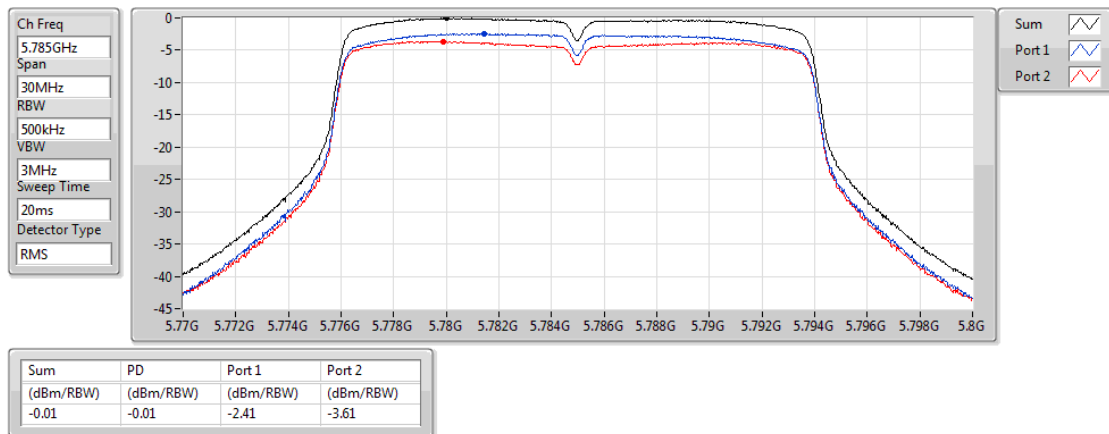
5745MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

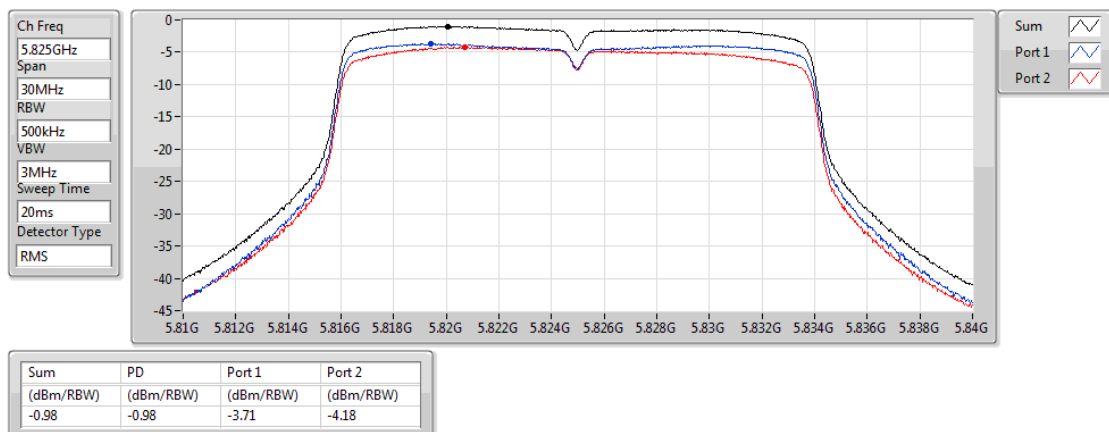
5785MHz



802.11n HT20_Nss1,(MCS0)_2TX

PSD

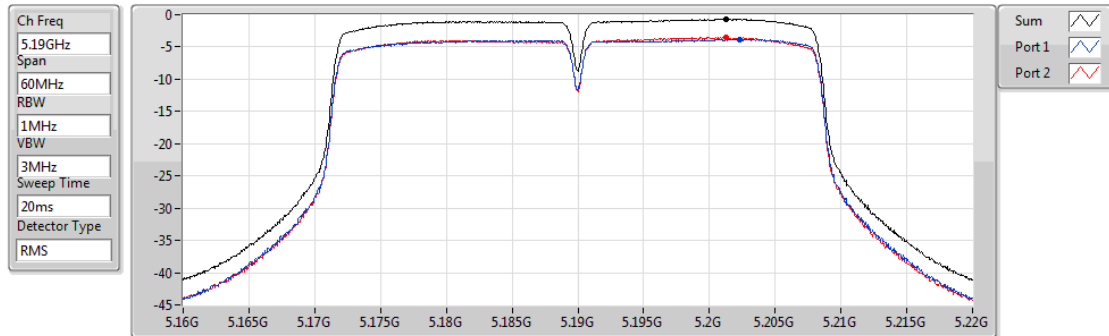
5825MHz



802.11n HT40_Nss1,(MCS0)_2TX

PSD

5190MHz

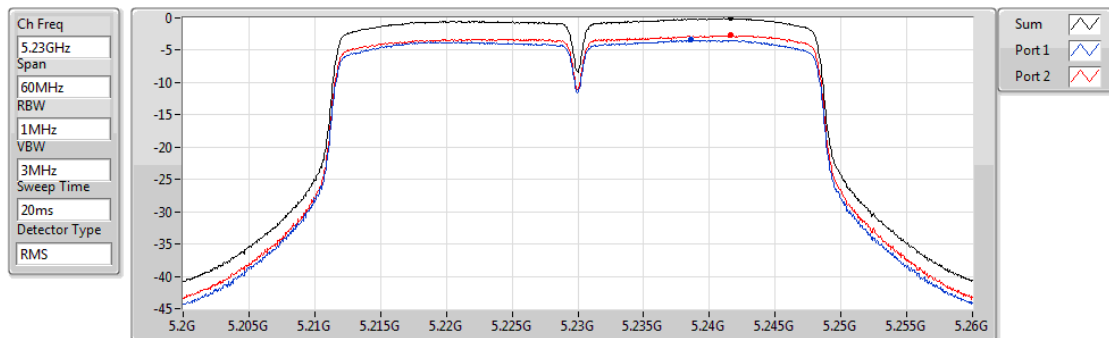


Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.69	-0.69	-3.81	-3.47

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5230MHz

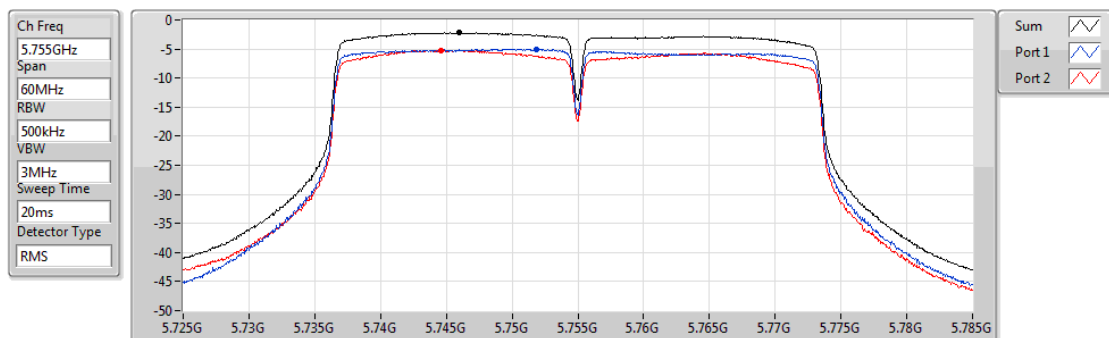


Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.08	-0.08	-3.39	-2.68

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5755MHz

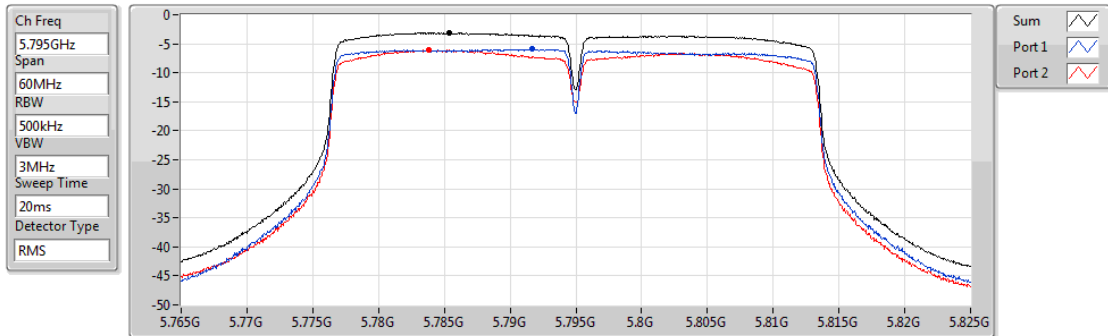


Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.19	-2.19	-5.02	-5.22

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5795MHz



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.14	-3.14	-5.95	-6.09



For Mode 2:

Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.45
802.11n HT20_Nss1,(MCS0)_2TX	9.25
802.11n HT40_Nss1,(MCS0)_2TX	4.35

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	5.61	5.44	8.45	29.02
5785MHz	Pass	6.98	4.73	4.41	7.40	29.02
5825MHz	Pass	6.98	4.39	3.75	6.85	29.02
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	6.31	6.49	9.25	29.02
5785MHz	Pass	6.98	6.25	5.22	8.65	29.02
5825MHz	Pass	6.98	4.61	3.77	7.05	29.02
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	6.98	1.44	1.06	4.05	29.02
5795MHz	Pass	6.98	1.66	1.24	4.35	29.02

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

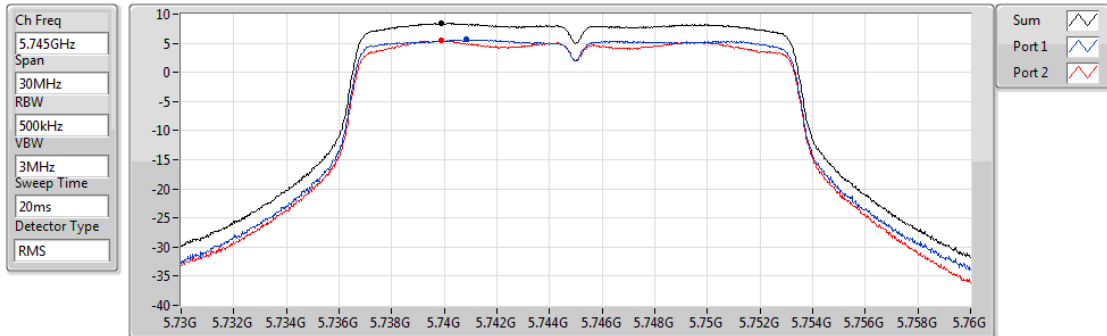
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

01/03/2018



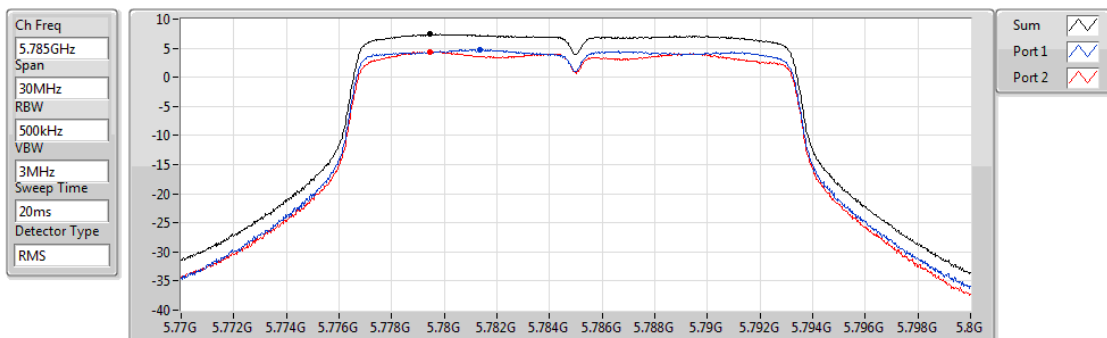
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	5.61	5.44

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

01/03/2018



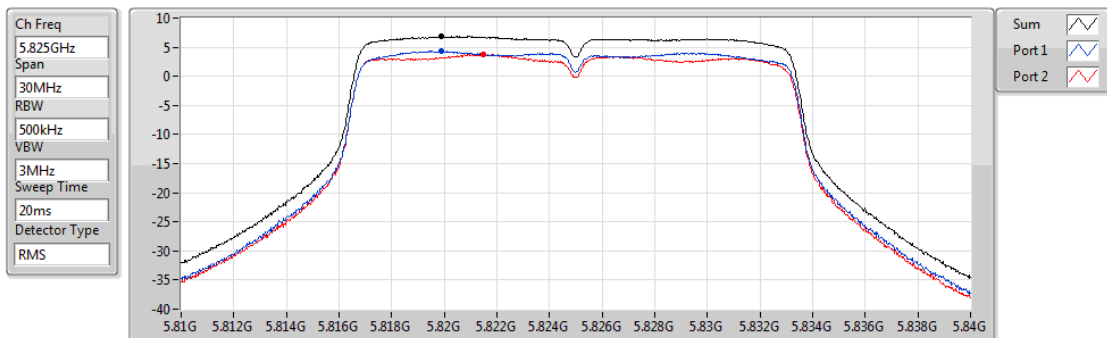
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	4.73	4.41

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

01/03/2018



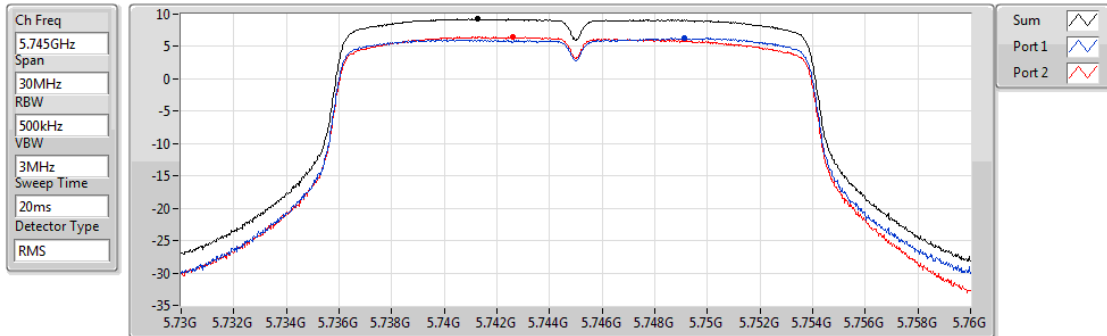
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	4.39	3.75

802.11n HT20_Nss1,(MCS0)_2TX

PSD

5745MHz

01/03/2018



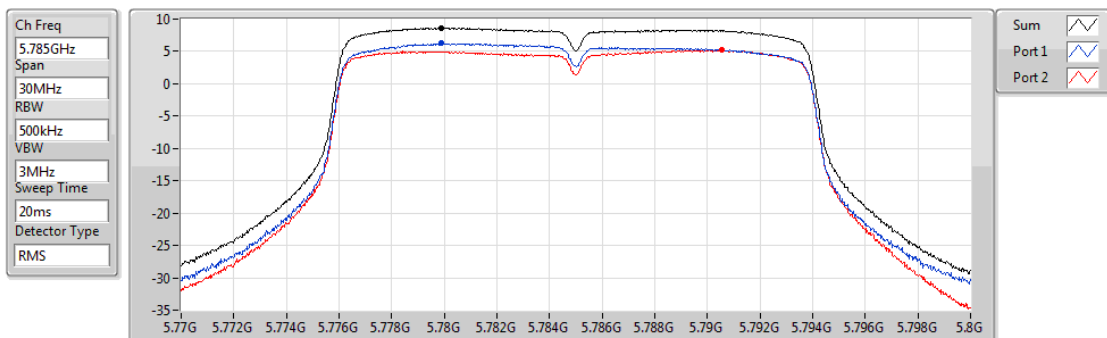
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	6.31	6.49

802.11n HT20_Nss1,(MCS0)_2TX

PSD

5785MHz

01/03/2018



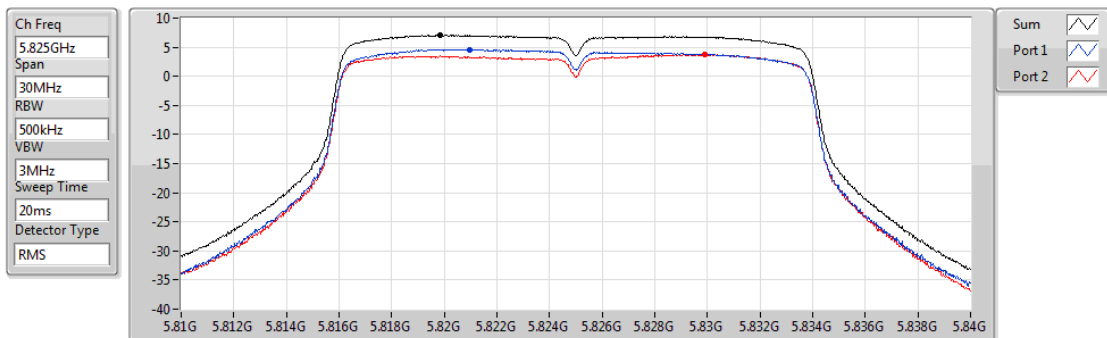
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	6.25	5.22

802.11n HT20_Nss1,(MCS0)_2TX

PSD

5825MHz

01/03/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	4.61	3.77

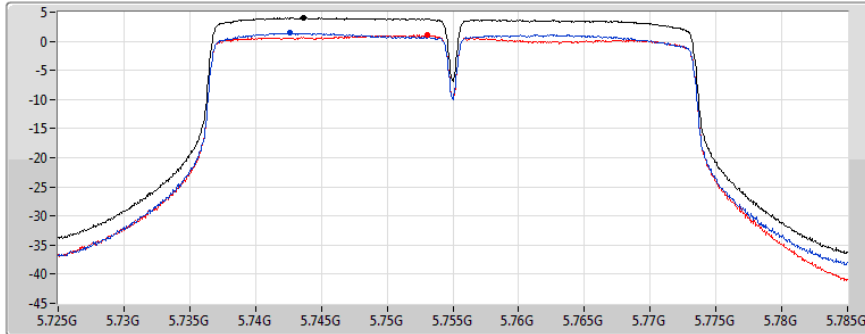
802.11n HT40_Nss1,(MCS0)_2TX

5755MHz

PSD

01/03/2018

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.05	4.05	1.44	1.06

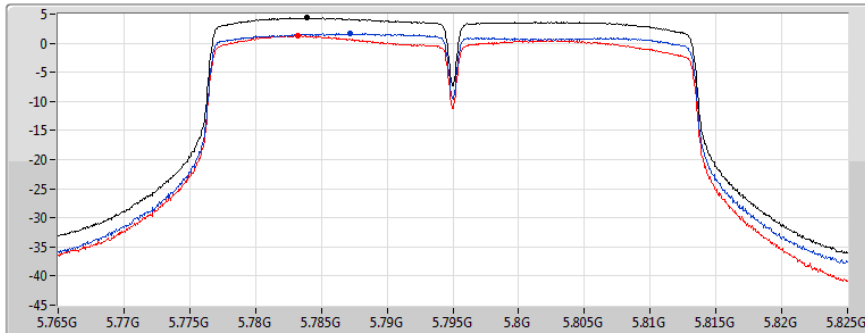
802.11n HT40_Nss1,(MCS0)_2TX

5795MHz

PSD

01/03/2018

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.35	4.35	1.66	1.24



RSE below 1GHz Result

Appendix E.1

RSE below 1GHz Result																																																																																																											
Operating Mode		1			Polarization			Horizontal																																																																																																			
Operating Function		CTX																																																																																																									
Level (dBuV/m) Date: 2017-06-16 Time: 16:59:22 Frequency (MHz) <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>31.94</td><td>31.35</td><td>40.00</td><td>-8.65</td><td>34.04</td><td>2.12</td><td>23.77</td><td>28.58</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>113.42</td><td>33.15</td><td>43.50</td><td>-10.35</td><td>41.46</td><td>2.27</td><td>17.78</td><td>28.36</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>170.65</td><td>31.03</td><td>43.50</td><td>-12.47</td><td>41.32</td><td>2.40</td><td>15.45</td><td>28.14</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>375.32</td><td>32.48</td><td>46.00</td><td>-13.52</td><td>37.23</td><td>3.04</td><td>20.73</td><td>28.52</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>624.61</td><td>35.57</td><td>46.00</td><td>-10.43</td><td>36.08</td><td>3.80</td><td>25.06</td><td>29.37</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>900.09</td><td>37.30</td><td>46.00</td><td>-8.70</td><td>35.13</td><td>4.54</td><td>26.44</td><td>28.81</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table>													Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	31.94	31.35	40.00	-8.65	34.04	2.12	23.77	28.58	100	0 Peak	HORIZONTAL	2	113.42	33.15	43.50	-10.35	41.46	2.27	17.78	28.36	100	0 Peak	HORIZONTAL	3	170.65	31.03	43.50	-12.47	41.32	2.40	15.45	28.14	100	0 Peak	HORIZONTAL	4	375.32	32.48	46.00	-13.52	37.23	3.04	20.73	28.52	100	0 Peak	HORIZONTAL	5	624.61	35.57	46.00	-10.43	36.08	3.80	25.06	29.37	100	0 Peak	HORIZONTAL	6	900.09	37.30	46.00	-8.70	35.13	4.54	26.44	28.81	100	0 Peak	HORIZONTAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																																
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4	375.32	32.48	46.00	-13.52	37.23	3.04	20.73	28.52	100	0 Peak	HORIZONTAL																																																																																																
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RSE below 1GHz Result

Appendix E.1

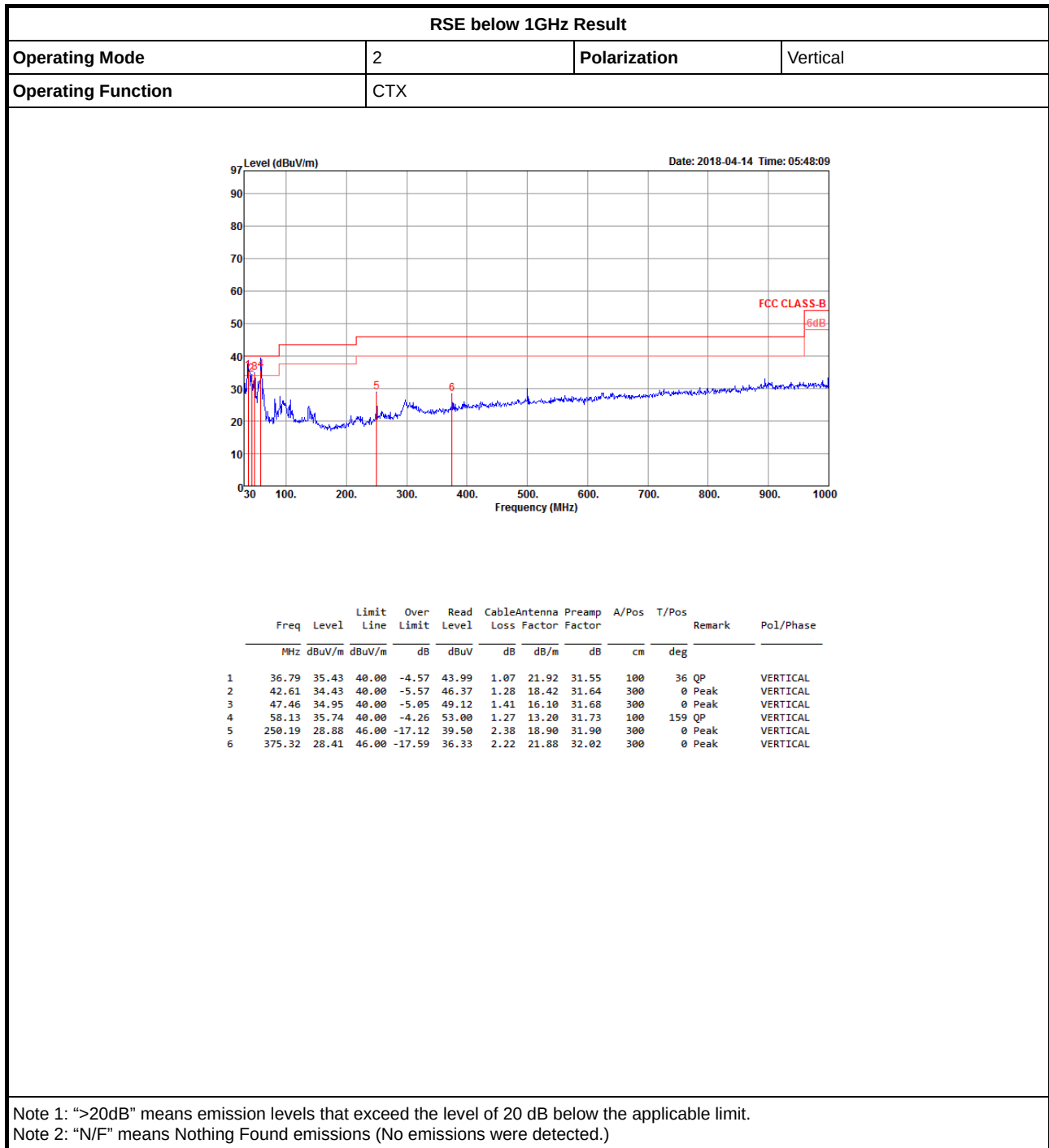
RSE below 1GHz Result																																																																																																										
Operating Mode	1				Polarization			Vertical																																																																																																		
Operating Function	CTX																																																																																																									
Level (dBuV/m) Date: 2017-06-16 Time: 16:52:54 Frequency (MHz) <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>35.82</td><td>33.45</td><td>40.00</td><td>-6.55</td><td>37.41</td><td>2.15</td><td>22.47</td><td>28.58</td><td>400</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>48.43</td><td>30.52</td><td>40.00</td><td>-9.48</td><td>41.99</td><td>2.15</td><td>14.95</td><td>28.57</td><td>400</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>57.16</td><td>28.35</td><td>40.00</td><td>-11.65</td><td>42.26</td><td>2.18</td><td>12.45</td><td>28.54</td><td>400</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>250.19</td><td>29.45</td><td>46.00</td><td>-16.55</td><td>36.42</td><td>2.59</td><td>18.36</td><td>27.92</td><td>400</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>375.32</td><td>33.04</td><td>46.00</td><td>-12.96</td><td>37.79</td><td>3.04</td><td>20.73</td><td>28.52</td><td>400</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>623.64</td><td>34.42</td><td>46.00</td><td>-11.58</td><td>34.96</td><td>3.80</td><td>25.03</td><td>29.37</td><td>400</td><td>0 Peak</td><td>VERTICAL</td></tr></tbody></table>												Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	35.82	33.45	40.00	-6.55	37.41	2.15	22.47	28.58	400	0 Peak	VERTICAL	2	48.43	30.52	40.00	-9.48	41.99	2.15	14.95	28.57	400	0 Peak	VERTICAL	3	57.16	28.35	40.00	-11.65	42.26	2.18	12.45	28.54	400	0 Peak	VERTICAL	4	250.19	29.45	46.00	-16.55	36.42	2.59	18.36	27.92	400	0 Peak	VERTICAL	5	375.32	33.04	46.00	-12.96	37.79	3.04	20.73	28.52	400	0 Peak	VERTICAL	6	623.64	34.42	46.00	-11.58	34.96	3.80	25.03	29.37	400	0 Peak	VERTICAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																															
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RSE below 1GHz Result

Appendix E.1

RSE below 1GHz Result																																																																																																											
Operating Mode	2				Polarization			Horizontal																																																																																																			
Operating Function	CTX																																																																																																										
Level (dBuV/m) Date: 2018-04-14 Time: 05:55:14 FCC CLASS-B 46dB Frequency (MHz) <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.97</td><td>27.10</td><td>40.00</td><td>-12.90</td><td>32.62</td><td>0.98</td><td>24.93</td><td>31.43</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>250.19</td><td>32.34</td><td>46.00</td><td>-13.66</td><td>42.96</td><td>2.38</td><td>18.90</td><td>31.90</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>375.32</td><td>31.13</td><td>46.00</td><td>-14.87</td><td>39.05</td><td>2.22</td><td>21.88</td><td>32.02</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>500.45</td><td>31.57</td><td>46.00</td><td>-14.43</td><td>36.97</td><td>2.94</td><td>23.83</td><td>32.17</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>624.61</td><td>32.56</td><td>46.00</td><td>-13.44</td><td>36.88</td><td>2.76</td><td>25.26</td><td>32.34</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>730.34</td><td>30.42</td><td>46.00</td><td>-15.58</td><td>33.13</td><td>3.58</td><td>26.12</td><td>32.41</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr></table>													Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	30.97	27.10	40.00	-12.90	32.62	0.98	24.93	31.43	100	360 Peak	HORIZONTAL	2	250.19	32.34	46.00	-13.66	42.96	2.38	18.90	31.90	100	360 Peak	HORIZONTAL	3	375.32	31.13	46.00	-14.87	39.05	2.22	21.88	32.02	100	360 Peak	HORIZONTAL	4	500.45	31.57	46.00	-14.43	36.97	2.94	23.83	32.17	100	360 Peak	HORIZONTAL	5	624.61	32.56	46.00	-13.44	36.88	2.76	25.26	32.34	100	360 Peak	HORIZONTAL	6	730.34	30.42	46.00	-15.58	33.13	3.58	26.12	32.41	100	360 Peak	HORIZONTAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																																
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For 10MHz bandwidth:

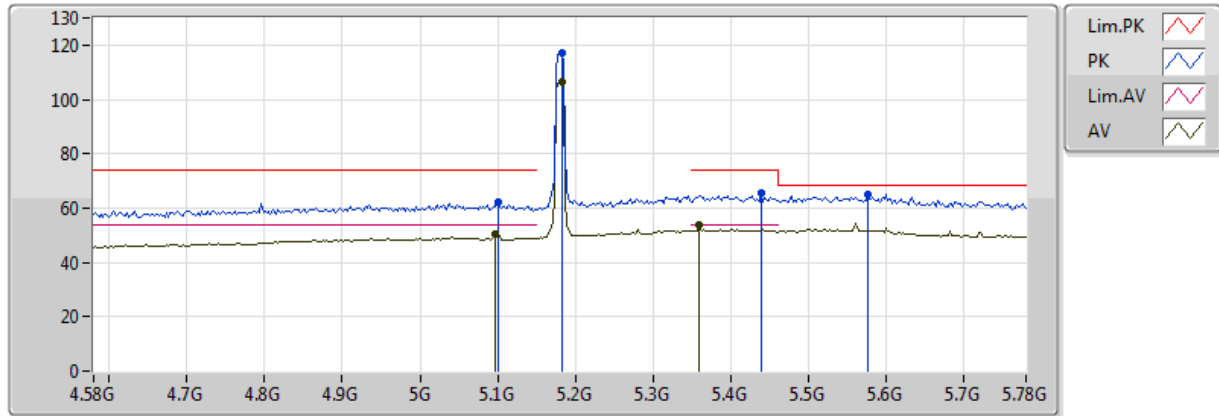
For Mode 1:

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.4G	53.97	54.00	-0.03	7.75	3	H	261	1.42	-

802.11a_(6Mbps)_2TX

5180MHz_TX

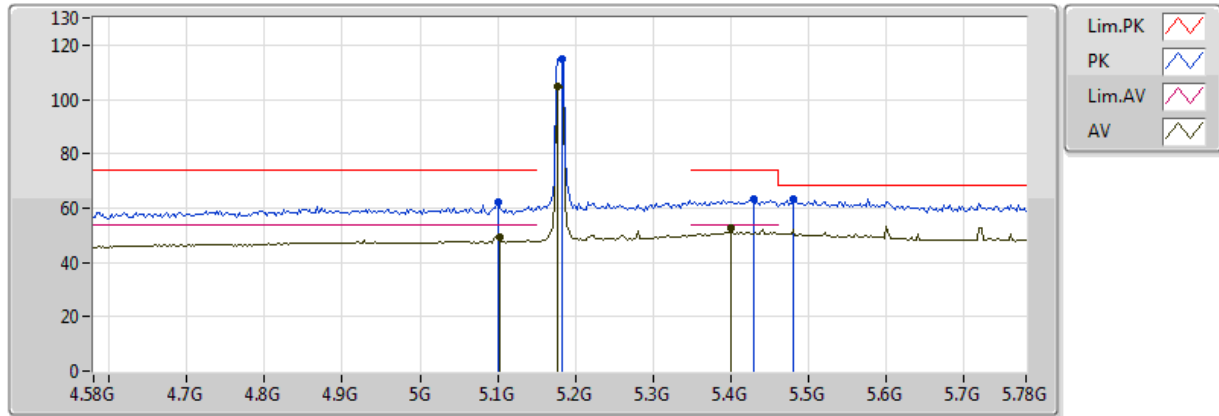


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

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	50.35	54.00	-3.65	7.24	3	V	354	1.22	-
AV	5.1824G	106.71	Inf	-Inf	7.39	3	V	354	1.22	-
AV	5.36G	53.85	54.00	-0.15	7.69	3	V	354	1.22	-
PK	5.1008G	62.26	74.00	-11.74	7.25	3	V	354	1.22	-
PK	5.1824G	116.99	Inf	-Inf	7.39	3	V	354	1.22	-
PK	5.576G	64.81	68.20	-3.39	8.08	3	V	354	1.22	-
PK	5.4392G	65.36	74.00	-8.64	7.81	3	V	354	1.22	-

802.11a_(6Mbps)_2TX

5180MHz_TX

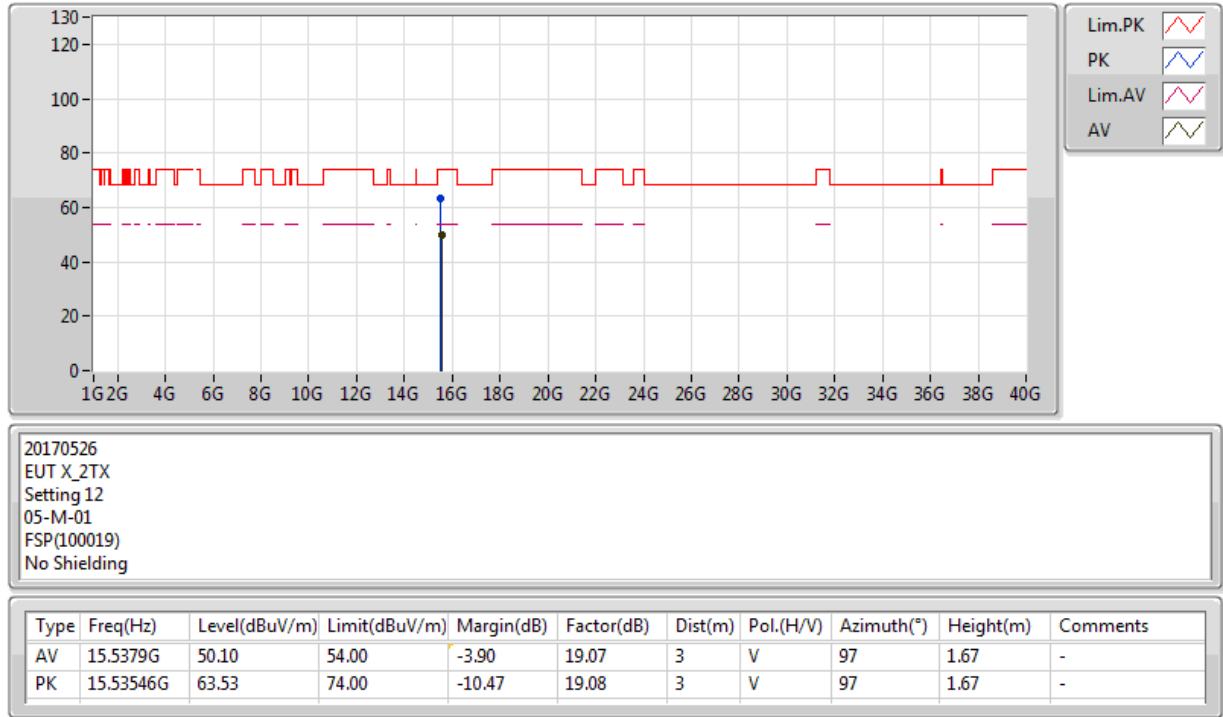


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1032G	49.54	54.00	-4.46	7.26	3	H	352	1.50	-
AV	5.1776G	104.73	Inf	-Inf	7.38	3	H	352	1.50	-
AV	5.4008G	52.92	54.00	-1.08	7.75	3	H	352	1.50	-
PK	5.1008G	62.45	74.00	-11.55	7.25	3	H	352	1.50	-
PK	5.1824G	114.95	Inf	-Inf	7.39	3	H	352	1.50	-
PK	5.48G	63.07	68.20	-5.13	7.88	3	H	352	1.50	-
PK	5.4296G	63.22	74.00	-10.78	7.80	3	H	352	1.50	-

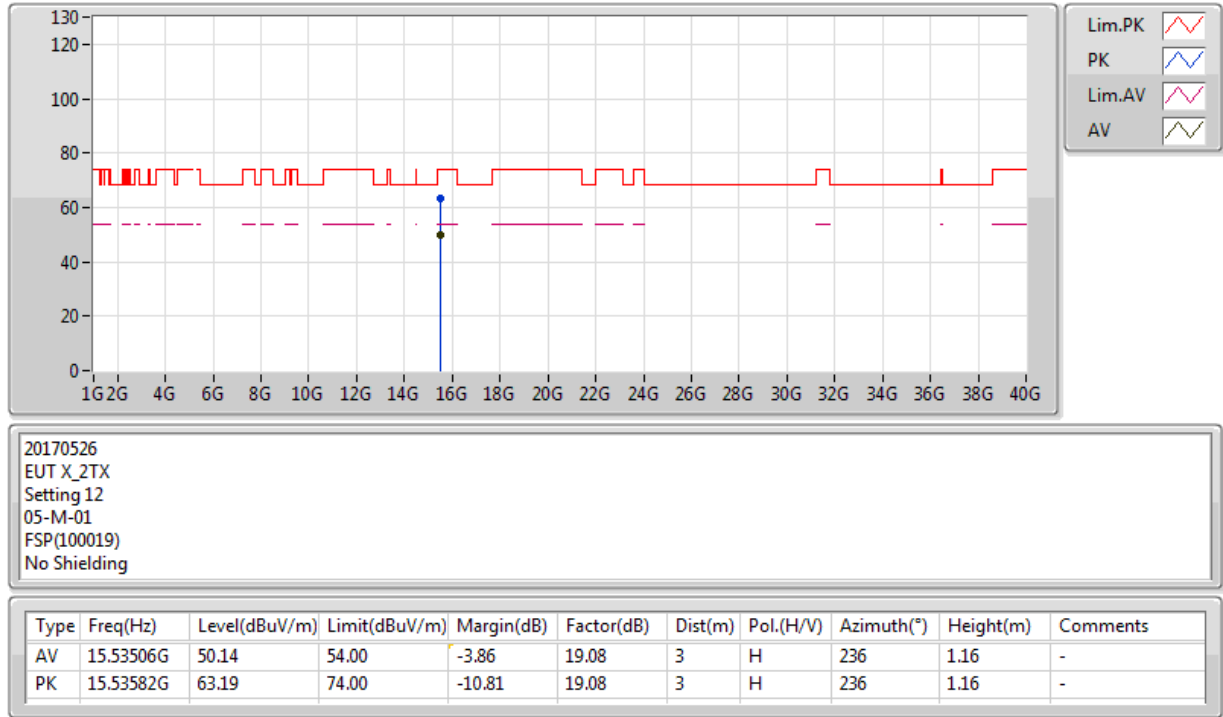
802.11a_(6Mbps)_2TX

5180MHz_TX



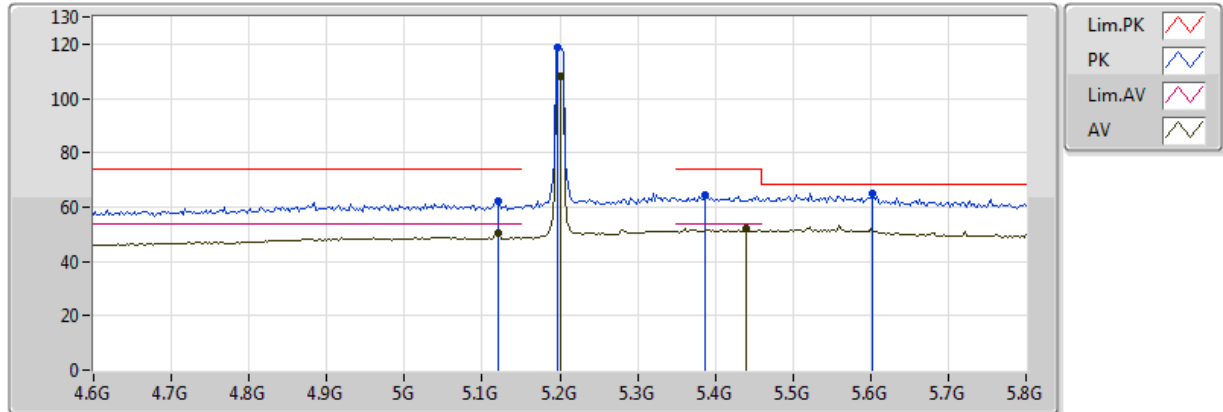
802.11a_(6Mbps)_2TX

5180MHz_TX



802.11a_(6Mbps)_2TX

5200MHz_TX

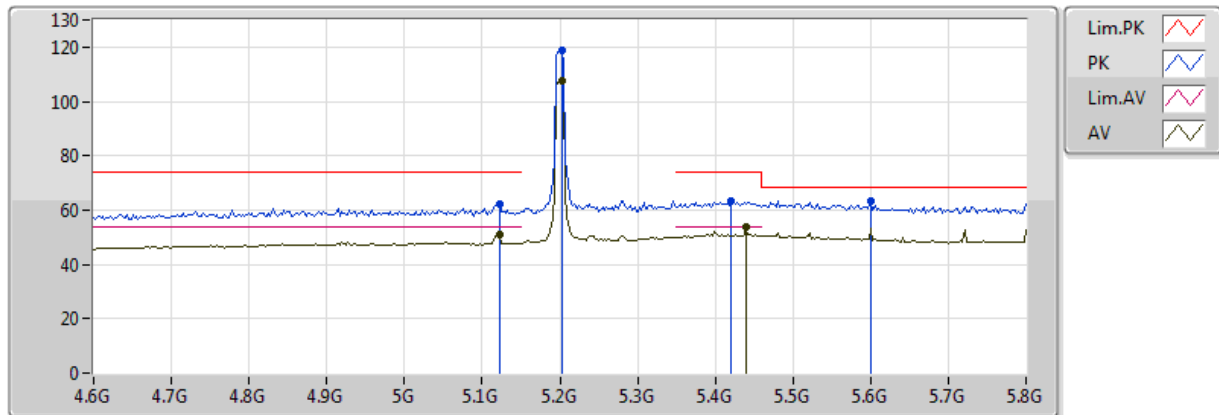


20170526
EUT_X_2TX
Setting 14
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1208G	50.40	54.00	-3.60	7.29	3	V	263	1.12	-
AV	5.2G	108.18	Inf	-Inf	7.42	3	V	263	1.12	-
AV	5.44G	52.18	54.00	-1.82	7.81	3	V	263	1.12	-
PK	5.1208G	62.02	74.00	-11.98	7.29	3	V	263	1.12	-
PK	5.1976G	118.73	Inf	-Inf	7.42	3	V	263	1.12	-
PK	5.6032G	64.82	68.20	-3.38	8.14	3	V	263	1.12	-
PK	5.3872G	64.47	74.00	-9.53	7.73	3	V	263	1.12	-

802.11a_(6Mbps)_2TX

5200MHz_TX

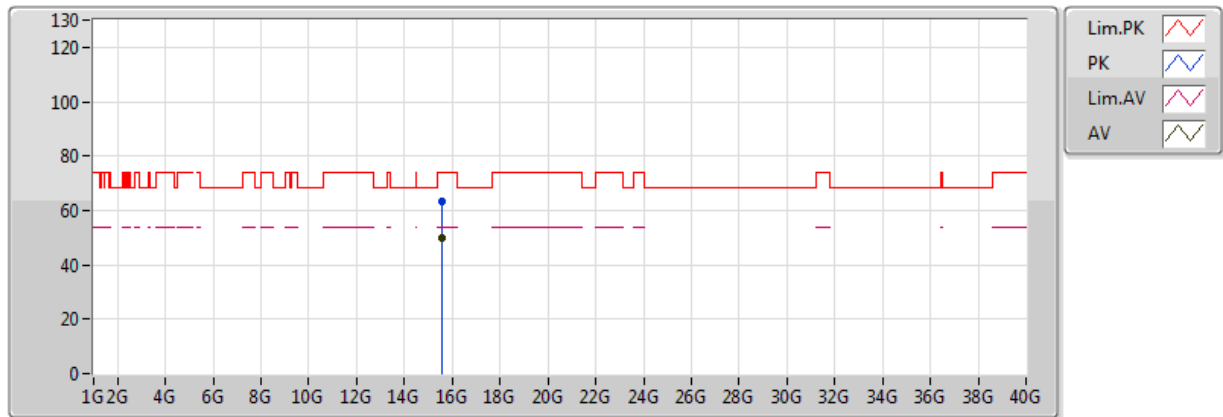


20170526
EUT_X_2TX
Setting 14
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1232G	50.86	54.00	-3.14	7.29	3	H	261	1.50	-
AV	5.2024G	107.74	Inf	-Inf	7.42	3	H	261	1.50	-
AV	5.44G	53.55	54.00	-0.45	7.81	3	H	261	1.50	-
PK	5.1232G	62.18	74.00	-11.82	7.29	3	H	261	1.50	-
PK	5.2024G	118.64	Inf	-Inf	7.42	3	H	261	1.50	-
PK	5.6008G	63.43	68.20	-4.77	8.13	3	H	261	1.50	-
PK	5.4208G	63.09	74.00	-10.91	7.78	3	H	261	1.50	-

802.11a_(6Mbps)_2TX

5200MHz_TX

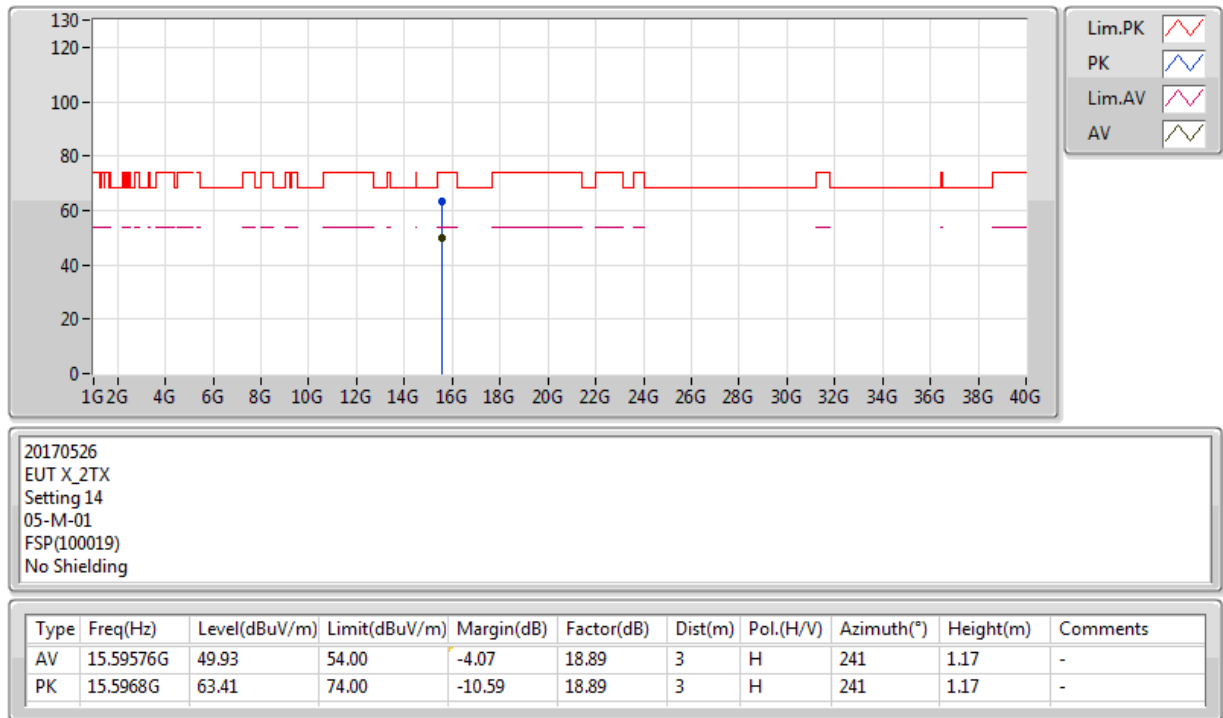


20170526
EUT X_2TX
Setting 14
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59992G	49.88	54.00	-4.12	18.88	3	V	28	2.28	-
PK	15.59528G	63.16	74.00	-10.84	18.89	3	V	28	2.28	-

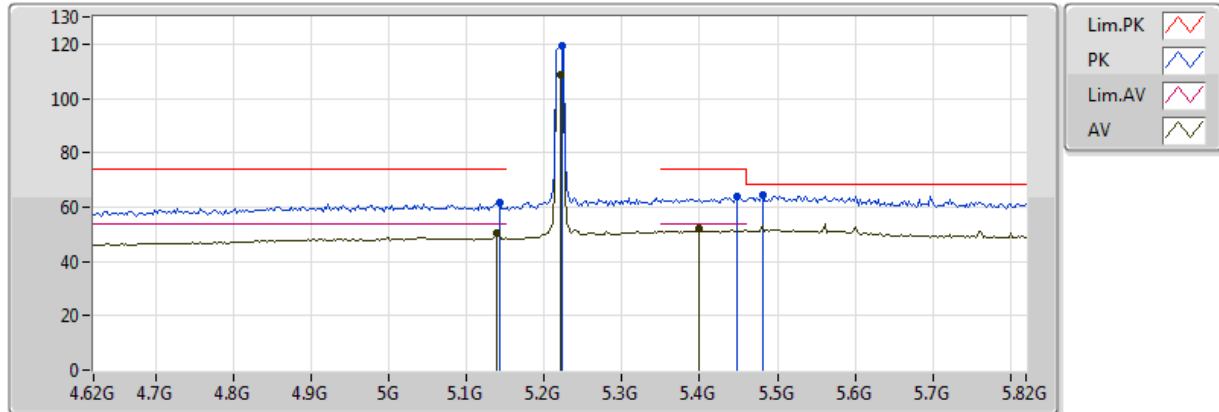
802.11a_(6Mbps)_2TX

5200MHz_TX



802.11a_(6Mbps)_2TX

5220MHz_TX

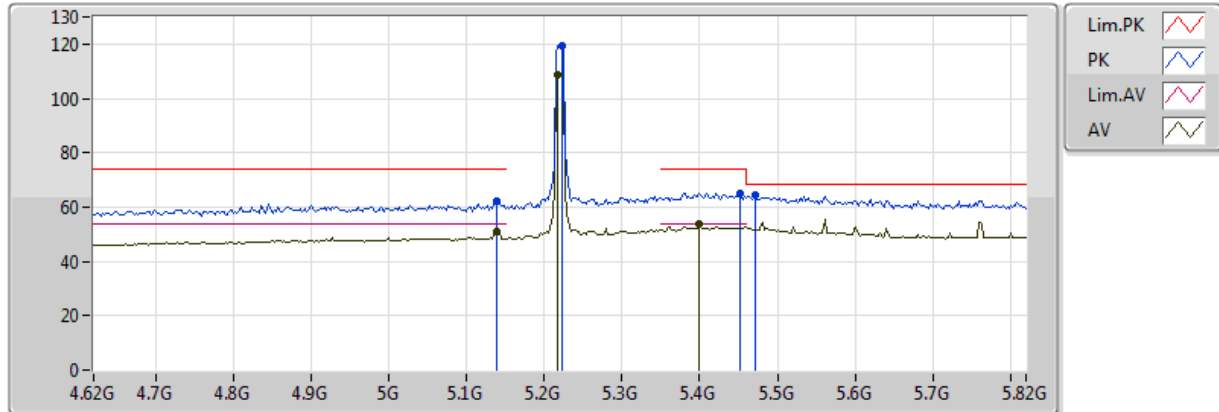


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1384G	50.59	54.00	-3.41	7.32	3	V	262	1.07	-
AV	5.22G	108.96	Inf	-Inf	7.45	3	V	262	1.07	-
AV	5.4G	52.11	54.00	-1.89	7.75	3	V	262	1.07	-
PK	5.1432G	61.58	74.00	-12.42	7.32	3	V	262	1.07	-
PK	5.2224G	119.33	Inf	-Inf	7.46	3	V	262	1.07	-
PK	5.4816G	64.23	68.20	-3.97	7.88	3	V	262	1.07	-
PK	5.448G	63.84	74.00	-10.16	7.83	3	V	262	1.07	-

802.11a_(6Mbps)_2TX

5220MHz_TX

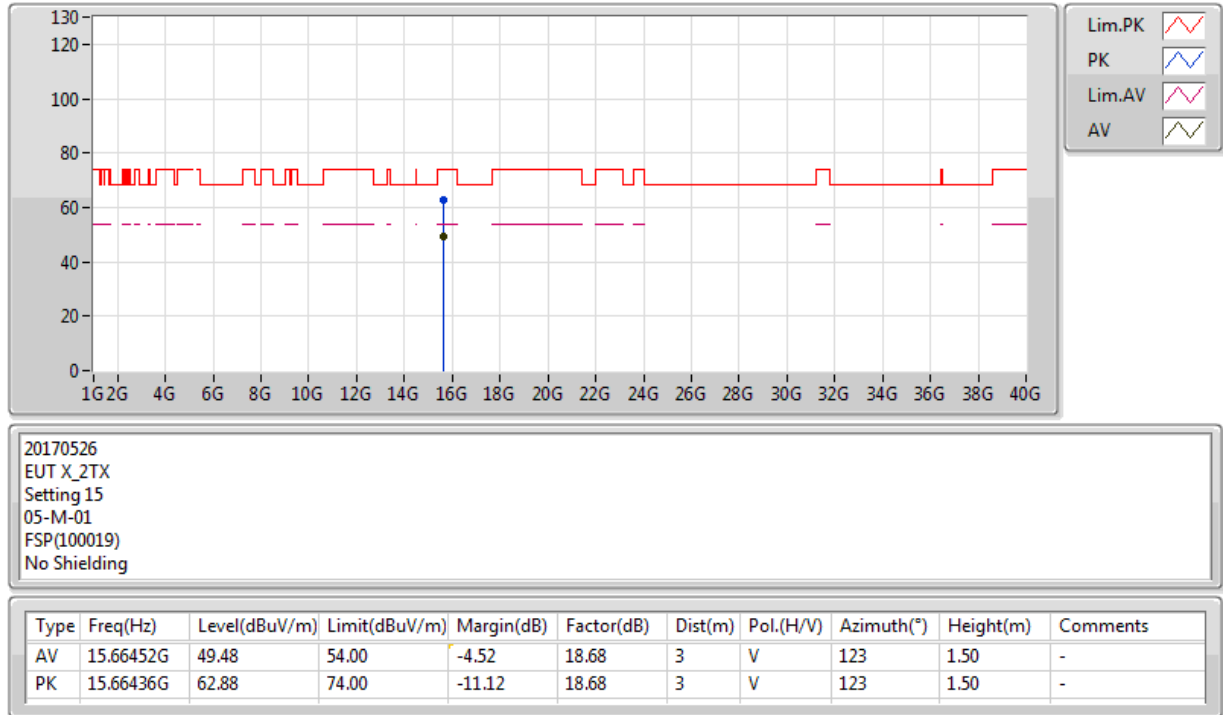


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1384G	50.89	54.00	-3.11	7.32	3	H	261	1.42	-
AV	5.2176G	108.71	Inf	-Inf	7.45	3	H	261	1.42	-
AV	5.4G	53.97	54.00	-0.03	7.75	3	H	261	1.42	-
PK	5.1384G	62.03	74.00	-11.97	7.32	3	H	261	1.42	-
PK	5.2224G	119.29	Inf	-Inf	7.46	3	H	261	1.42	-
PK	5.472G	64.67	68.20	-3.53	7.87	3	H	261	1.42	-
PK	5.4528G	64.99	74.00	-9.01	7.83	3	H	261	1.42	-

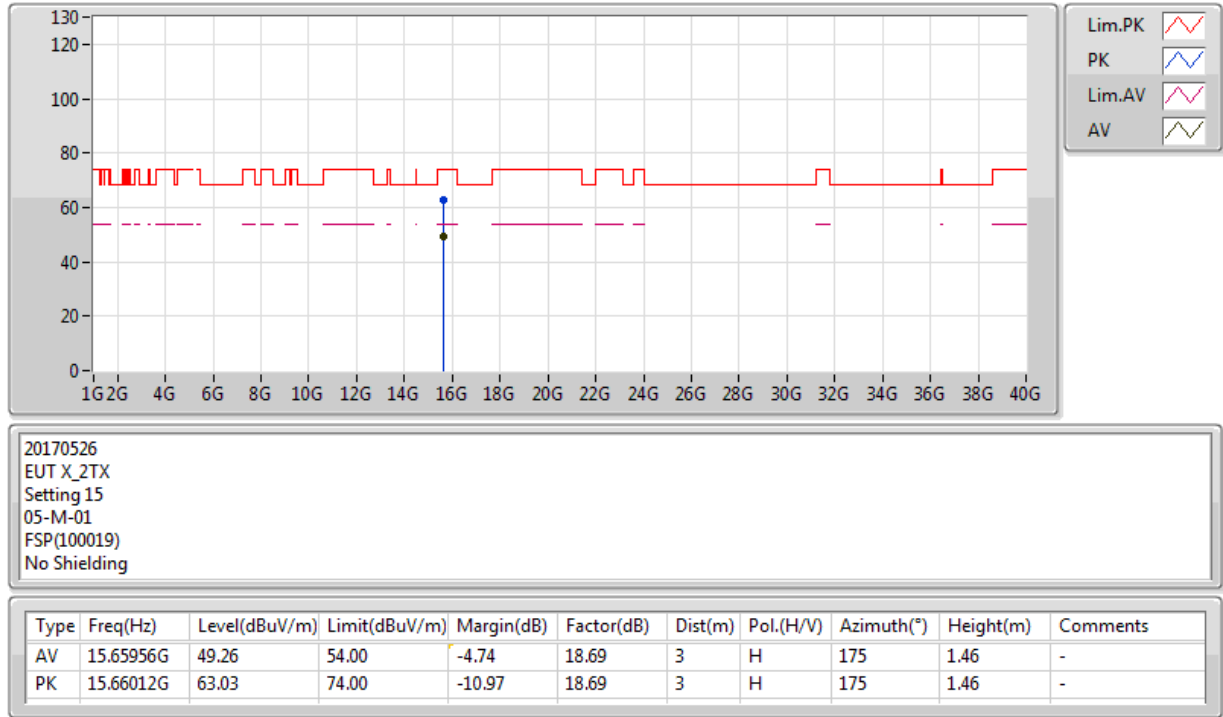
802.11a_(6Mbps)_2TX

5220MHz_TX



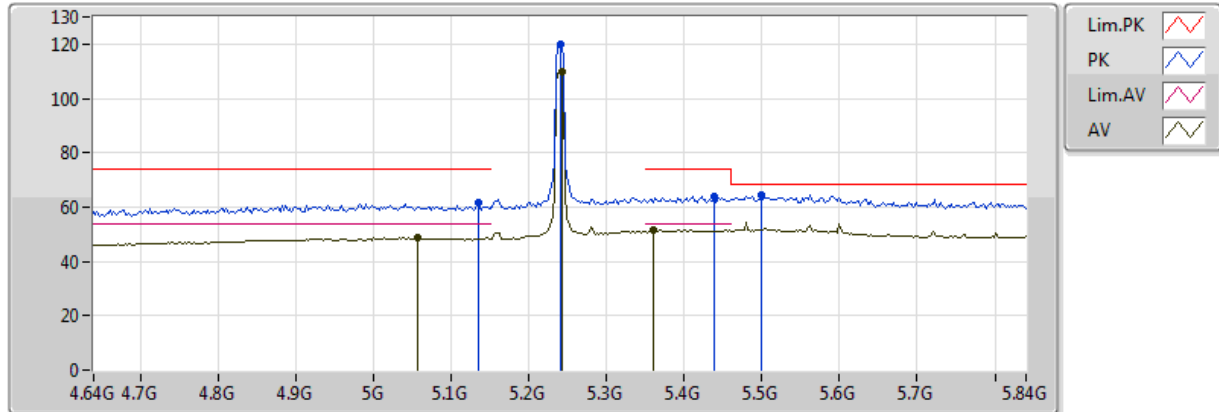
802.11a_(6Mbps)_2TX

5220MHz_TX



802.11a_(6Mbps)_2TX

5240MHz_TX

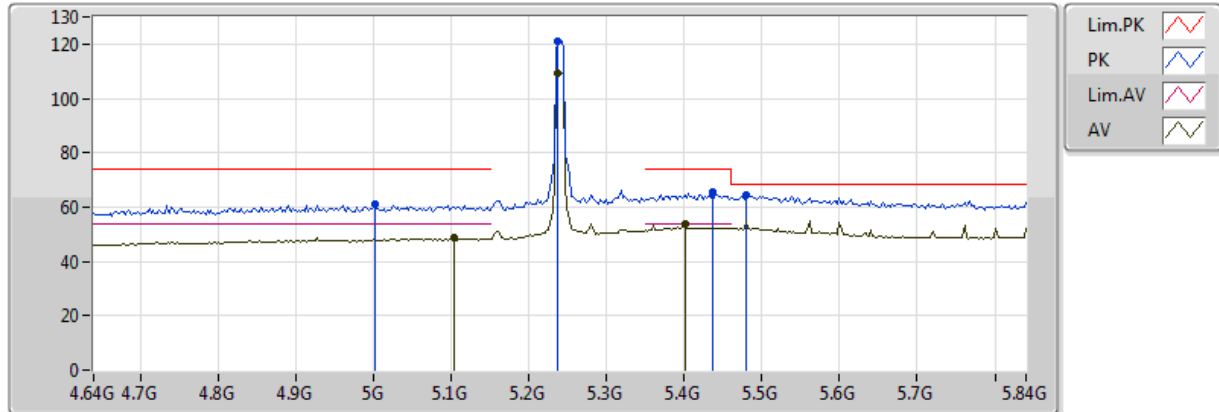


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0576G	48.61	54.00	-5.39	7.17	3	V	262	1.13	-
AV	5.2424G	109.58	Inf	-Inf	7.49	3	V	262	1.13	-
AV	5.36G	51.81	54.00	-2.19	7.69	3	V	262	1.13	-
PK	5.1344G	61.38	74.00	-12.62	7.31	3	V	262	1.13	-
PK	5.24G	119.71	Inf	-Inf	7.49	3	V	262	1.13	-
PK	5.4992G	64.31	68.20	-3.89	7.91	3	V	262	1.13	-
PK	5.4392G	63.94	74.00	-10.06	7.81	3	V	262	1.13	-

802.11a_(6Mbps)_2TX

5240MHz_TX

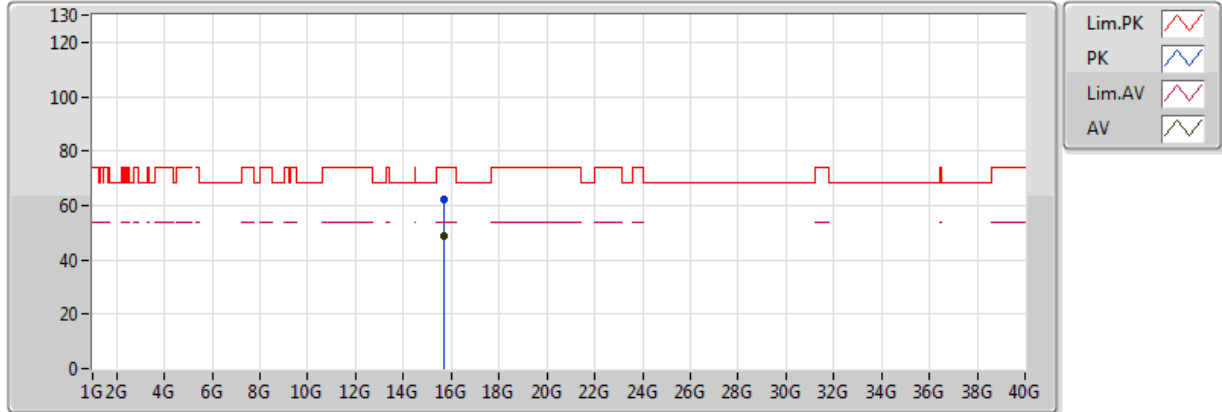


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1032G	48.51	54.00	-5.49	7.26	3	H	262	1.40	-
AV	5.2376G	109.27	Inf	-Inf	7.48	3	H	262	1.40	-
AV	5.4008G	53.59	54.00	-0.41	7.75	3	H	262	1.40	-
PK	5.0024G	61.08	74.00	-12.92	7.06	3	H	262	1.40	-
PK	5.2376G	121.16	Inf	-Inf	7.48	3	H	262	1.40	-
PK	5.48G	64.62	68.20	-3.58	7.88	3	H	262	1.40	-
PK	5.4368G	65.56	74.00	-8.44	7.81	3	H	262	1.40	-

802.11a_(6Mbps)_2TX

5240MHz_TX

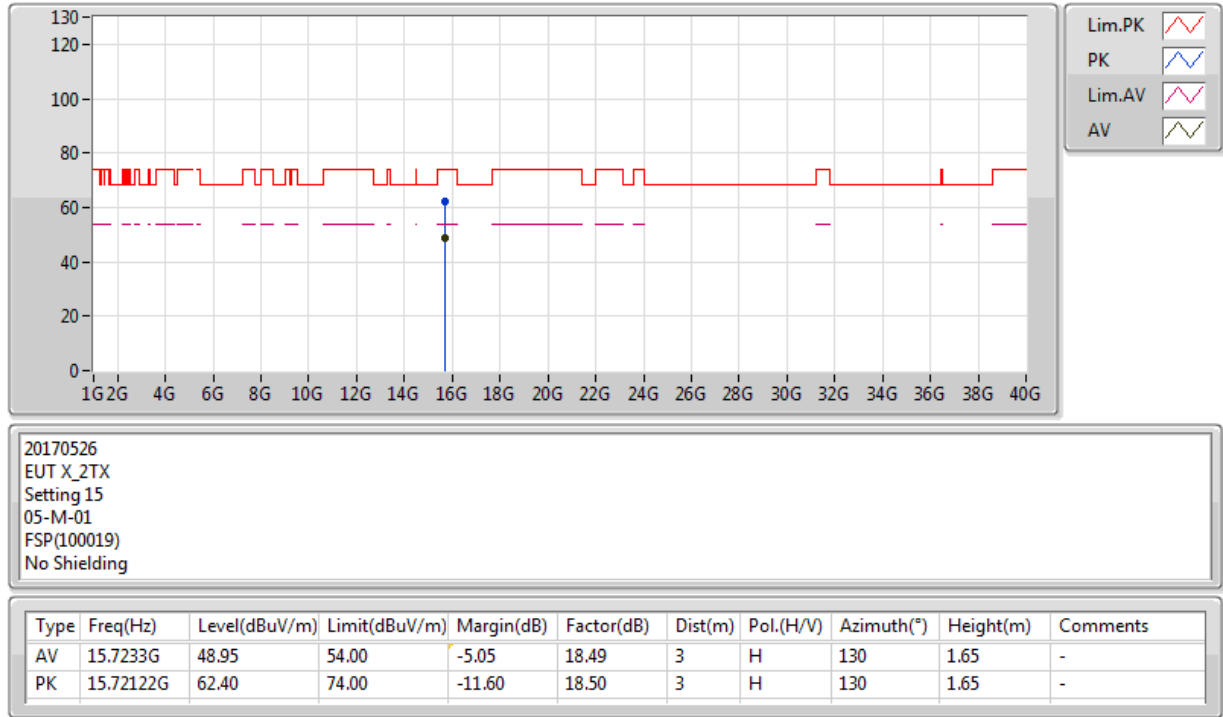


20170526
EUT X_2TX
Setting 15
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7201G	48.62	54.00	-5.38	18.50	3	V	288	1.57	-
PK	15.71562G	62.35	74.00	-11.65	18.52	3	V	288	1.57	-

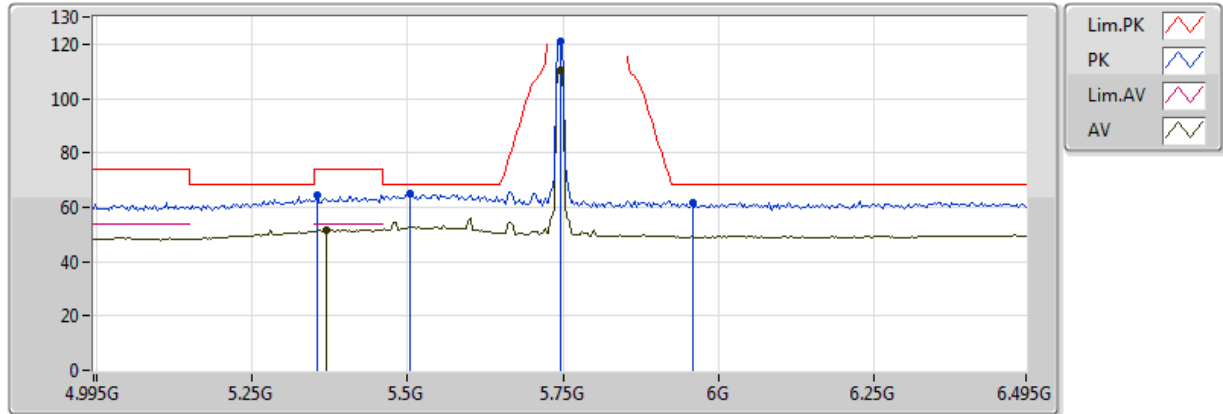
802.11a_(6Mbps)_2TX

5240MHz_TX



802.11a_(6Mbps)_2TX

5745MHz_TX

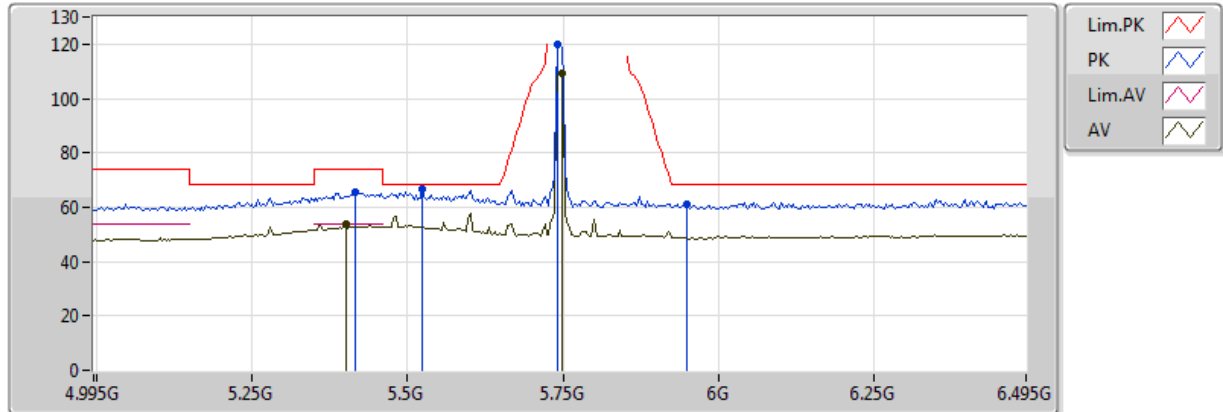


20170526
EUT_X_2TX
Setting 14
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.37G	51.73	54.00	-2.27	7.70	3	V	262	1.21	-
AV	5.745G	110.66	Inf	-Inf	8.40	3	V	262	1.21	-
PK	5.505G	65.13	68.20	-3.07	7.92	3	V	262	1.21	-
PK	5.745G	121.14	Inf	-Inf	8.40	3	V	262	1.21	-
PK	5.958G	61.48	68.20	-6.72	8.91	3	V	262	1.21	-
PK	5.355G	64.47	74.00	-9.53	7.68	3	V	262	1.21	-

802.11a_(6Mbps)_2TX

5745MHz_TX

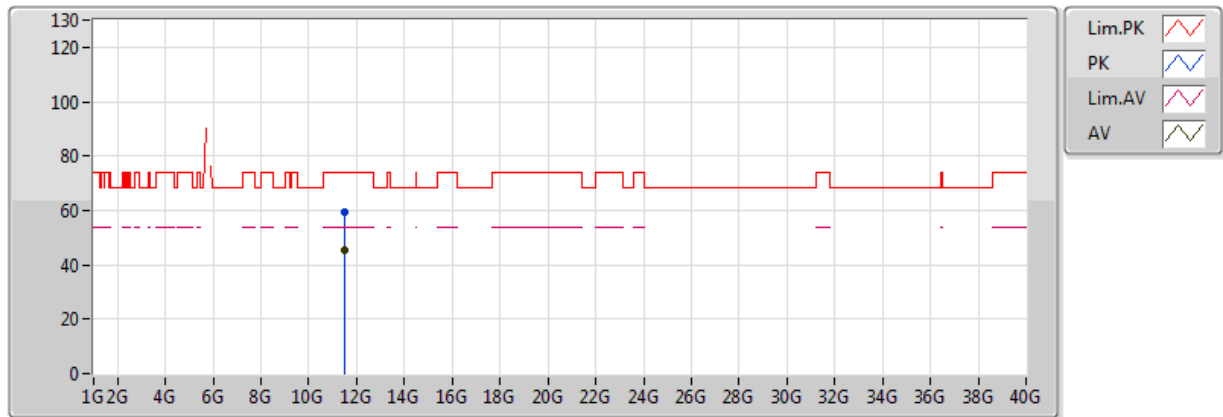


20170526
EUT_X_2TX
Setting 14
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4G	53.86	54.00	-0.14	7.75	3	H	264	1.34	-
AV	5.748G	109.13	Inf	-Inf	8.40	3	H	264	1.34	-
PK	5.523G	66.42	68.20	-1.78	7.96	3	H	264	1.34	-
PK	5.742G	120.00	Inf	-Inf	8.39	3	H	264	1.34	-
PK	5.949G	61.13	68.20	-7.07	8.88	3	H	264	1.34	-
PK	5.415G	65.40	74.00	-8.60	7.77	3	H	264	1.34	-

802.11a_(6Mbps)_2TX

5745MHz_TX

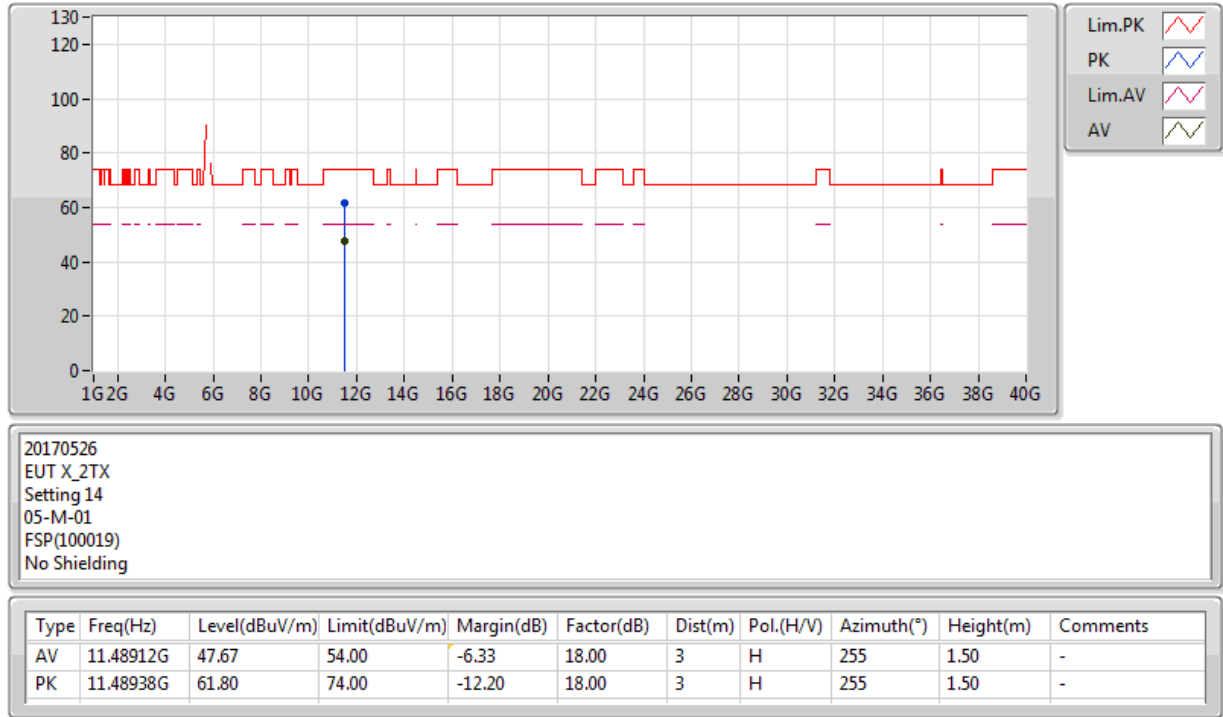


20170526
EUT X_2TX
Setting 14
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48972G	45.44	54.00	-8.56	18.00	3	V	215	1.50	-
PK	11.48954G	59.23	74.00	-14.77	18.00	3	V	215	1.50	-

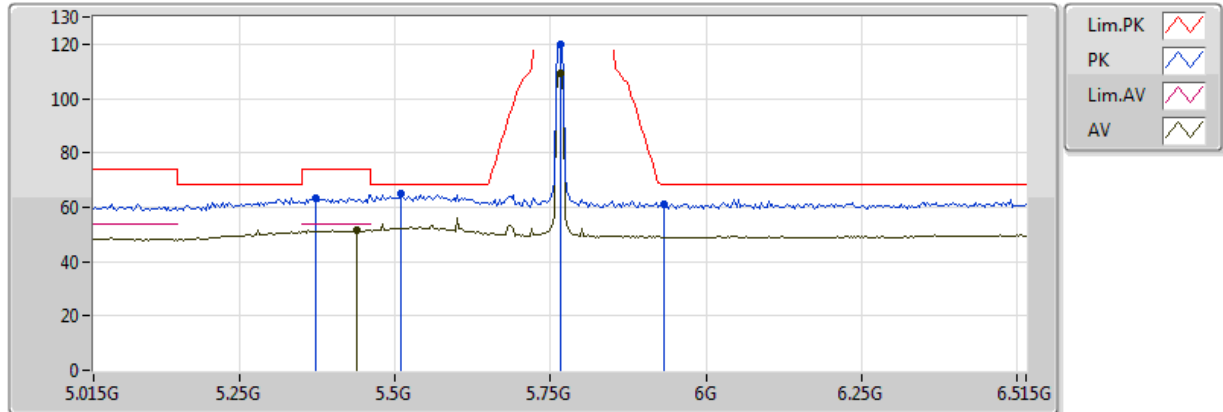
802.11a_(6Mbps)_2TX

5745MHz_TX



802.11a_(6Mbps)_2TX

5765MHz_TX

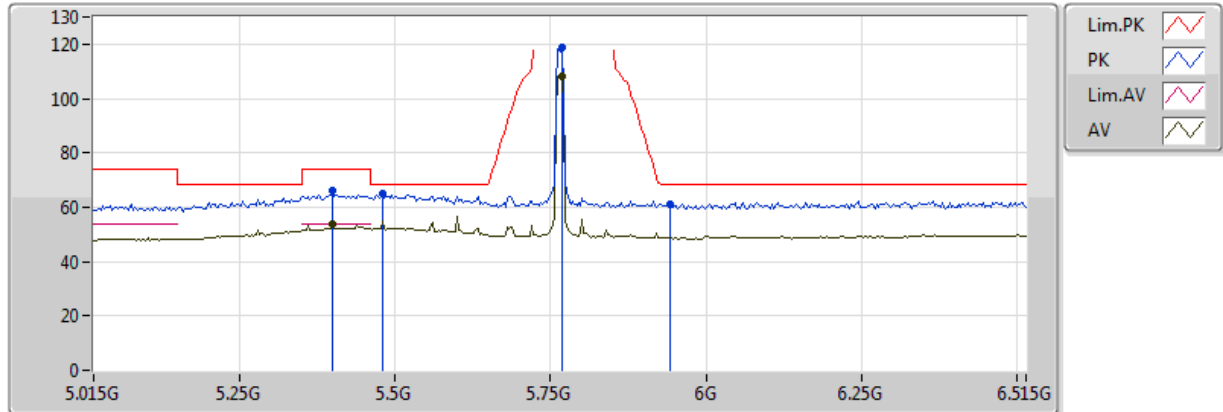


20170526
EUT X_2TX
Setting 13
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.438G	51.76	54.00	-2.24	7.81	3	V	261	1.20	-
AV	5.765G	109.31	Inf	-Inf	8.43	3	V	261	1.20	-
PK	5.51G	65.07	68.20	-3.13	7.93	3	V	261	1.20	-
PK	5.765G	120.04	Inf	-Inf	8.43	3	V	261	1.20	-
PK	5.933G	61.18	68.20	-7.02	8.84	3	V	261	1.20	-
PK	5.372G	63.51	74.00	-10.49	7.71	3	V	261	1.20	-

802.11a_(6Mbps)_2TX

5765MHz_TX

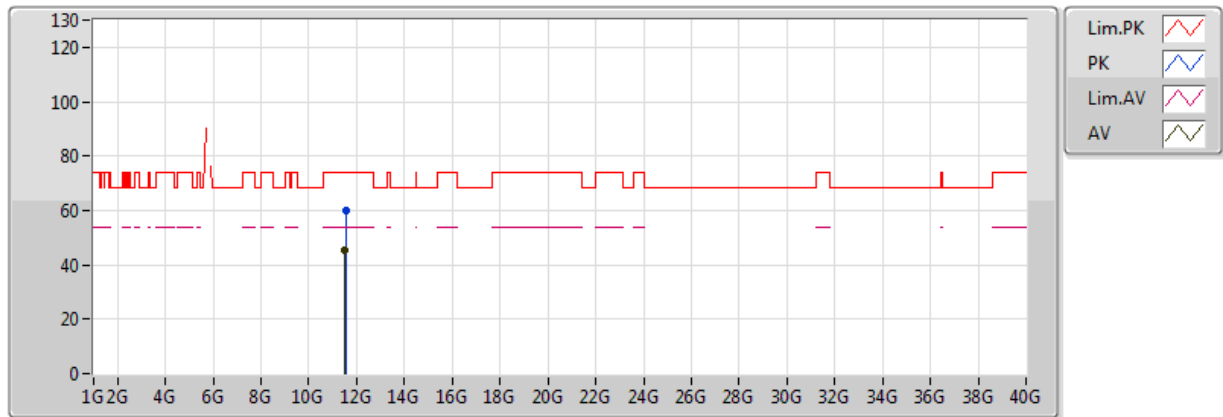


20170526
EUT X_2TX
Setting 13
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	53.57	54.00	-0.43	7.75	3	H	263	1.50	-
AV	5.768G	108.02	Inf	-Inf	8.44	3	H	263	1.50	-
PK	5.48G	65.26	68.20	-2.94	7.88	3	H	263	1.50	-
PK	5.768G	118.98	Inf	-Inf	8.44	3	H	263	1.50	-
PK	5.942G	61.12	68.20	-7.08	8.87	3	H	263	1.50	-
PK	5.399G	66.30	74.00	-7.70	7.75	3	H	263	1.50	-

802.11a_(6Mbps)_2TX

5765MHz_TX

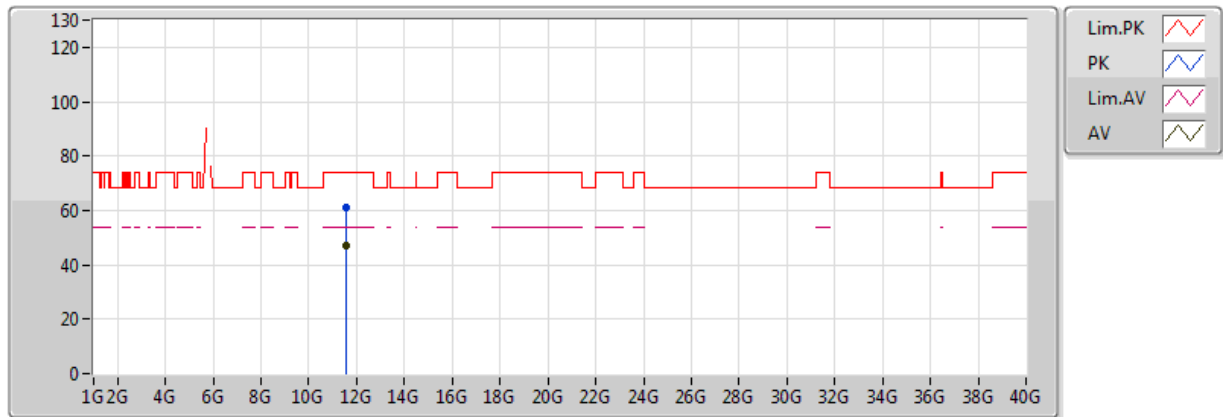


20170526
EUT X_2TX
Setting 13
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.52824G	45.18	54.00	-8.82	17.95	3	V	279	1.76	-
PK	11.53194G	59.96	74.00	-14.04	17.95	3	V	279	1.76	-

802.11a_(6Mbps)_2TX

5765MHz_TX

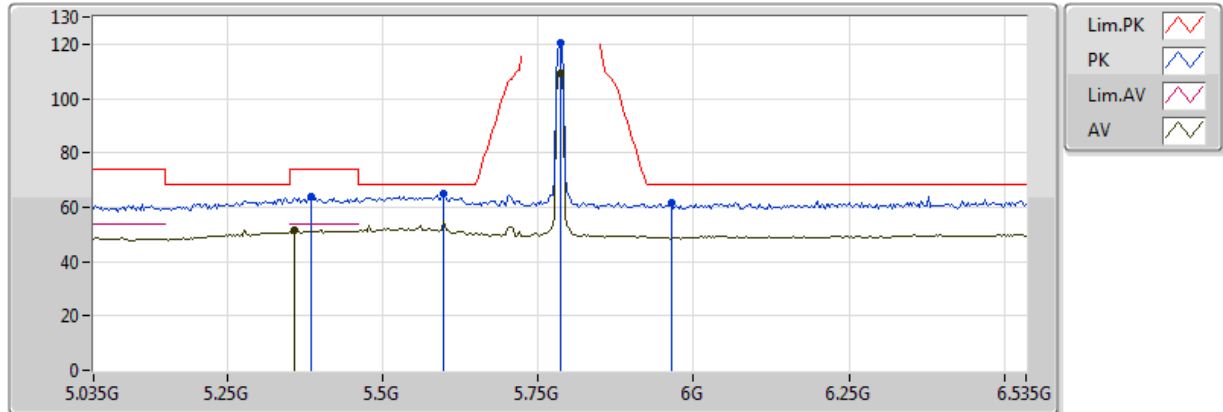


20170526
EUT X_2TX
Setting 13
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5348G	47.32	54.00	-6.68	17.94	3	H	284	2.49	-
PK	11.53418G	61.19	74.00	-12.81	17.95	3	H	284	2.49	-

802.11a_(6Mbps)_2TX

5785MHz_TX

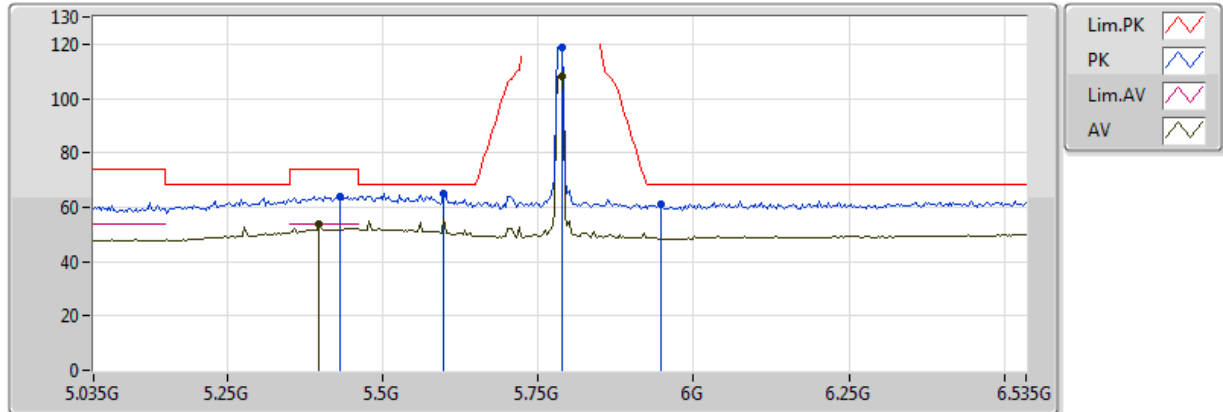


20170526
EUT_X_2TX
Setting 12.5
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.359G	51.30	54.00	-2.70	7.68	3	V	260	1.20	-
AV	5.785G	109.11	Inf	-Inf	8.47	3	V	260	1.20	-
PK	5.599G	64.85	68.20	-3.35	8.13	3	V	260	1.20	-
PK	5.785G	120.32	Inf	-Inf	8.47	3	V	260	1.20	-
PK	5.965G	61.41	68.20	-6.79	8.92	3	V	260	1.20	-
PK	5.386G	63.61	74.00	-10.39	7.73	3	V	260	1.20	-

802.11a_(6Mbps)_2TX

5785MHz_TX

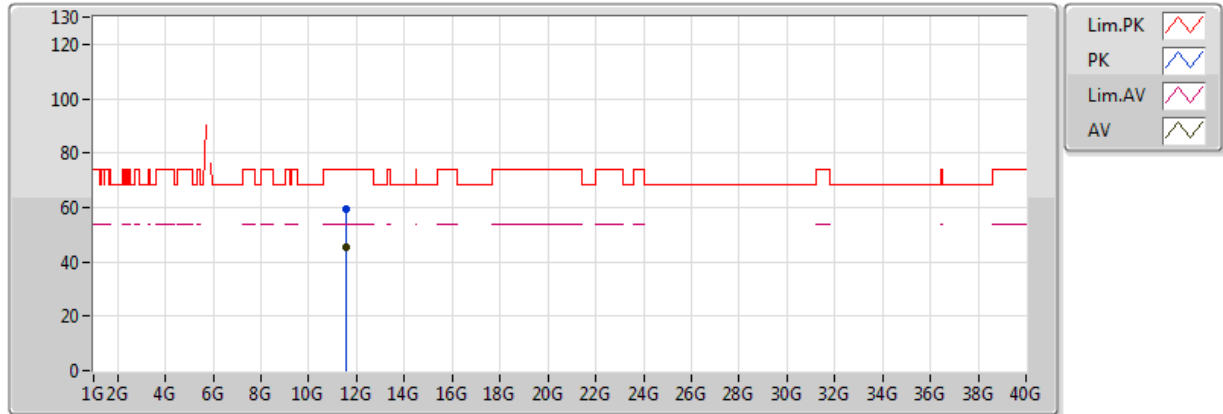


20170526
EUT_X_2TX
Setting 12.5
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.398G	53.56	54.00	-0.44	7.75	3	H	262	1.39	-
AV	5.788G	108.29	Inf	-Inf	8.48	3	H	262	1.39	-
PK	5.599G	64.97	68.20	-3.23	8.13	3	H	262	1.39	-
PK	5.788G	118.84	Inf	-Inf	8.48	3	H	262	1.39	-
PK	5.947G	60.83	68.20	-7.37	8.88	3	H	262	1.39	-
PK	5.431G	64.15	74.00	-9.85	7.80	3	H	262	1.39	-

802.11a_(6Mbps)_2TX

5785MHz_TX

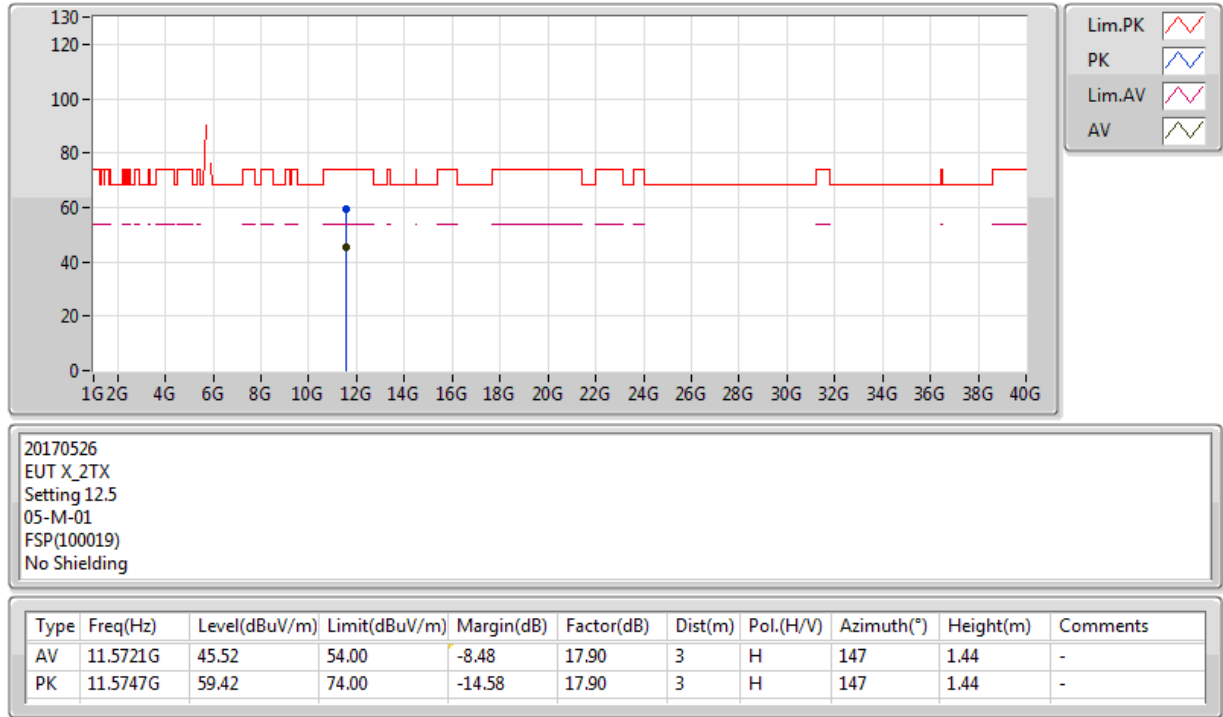


20170526
EUT X_2TX
Setting 12.5
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57004G	45.35	54.00	-8.65	17.90	3	V	162	1.63	-
PK	11.56884G	59.43	74.00	-14.57	17.90	3	V	162	1.63	-

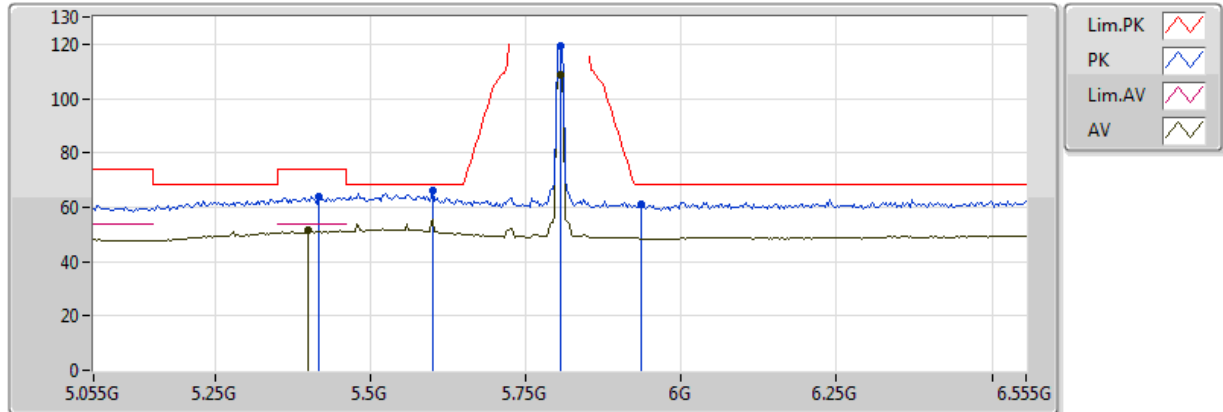
802.11a_(6Mbps)_2TX

5785MHz_TX



802.11a_(6Mbps)_2TX

5805MHz_TX

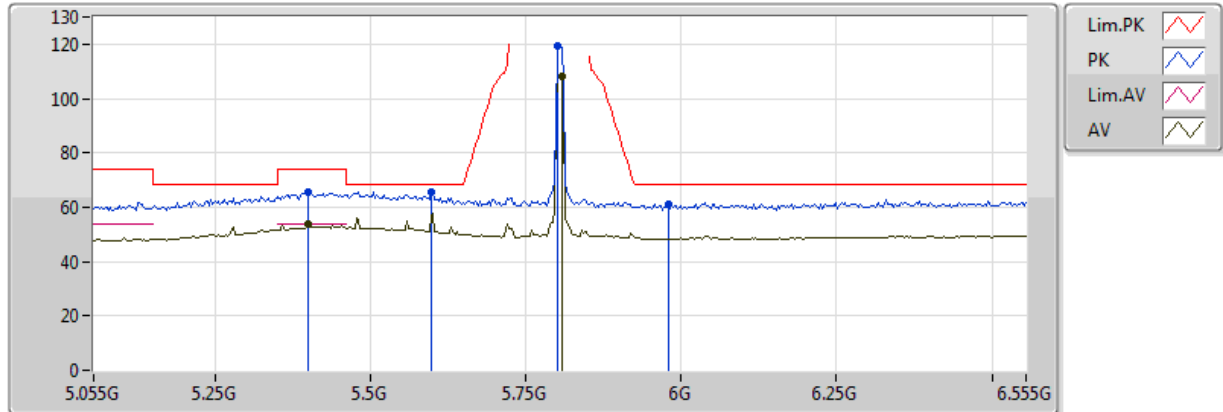


20170526
EUT_X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4G	51.50	54.00	-2.50	7.75	3	V	260	1.12	-
AV	5.805G	108.43	Inf	-Inf	8.51	3	V	260	1.12	-
PK	5.601G	65.86	68.20	-2.34	8.13	3	V	260	1.12	-
PK	5.805G	119.58	Inf	-Inf	8.51	3	V	260	1.12	-
PK	5.937G	60.85	68.20	-7.35	8.85	3	V	260	1.12	-
PK	5.418G	64.00	74.00	-10.00	7.78	3	V	260	1.12	-

802.11a_(6Mbps)_2TX

5805MHz_TX

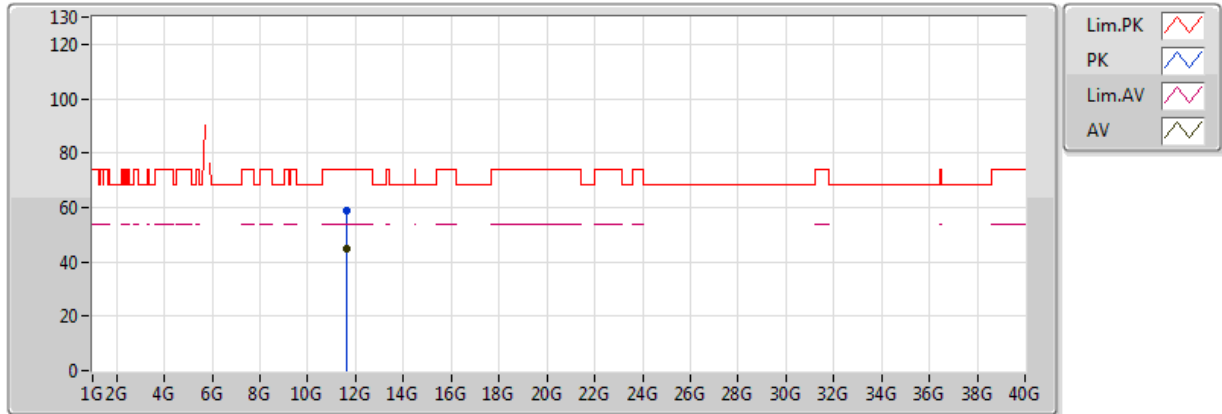


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4G	53.94	54.00	-0.06	7.75	3	H	261	1.37	-
AV	5.808G	108.37	Inf	-Inf	8.52	3	H	261	1.37	-
PK	5.598G	65.63	68.20	-2.57	8.13	3	H	261	1.37	-
PK	5.802G	119.35	Inf	-Inf	8.51	3	H	261	1.37	-
PK	5.979G	61.00	68.20	-7.20	8.96	3	H	261	1.37	-
PK	5.4G	65.41	74.00	-8.59	7.75	3	H	261	1.37	-

802.11a_(6Mbps)_2TX

5805MHz_TX

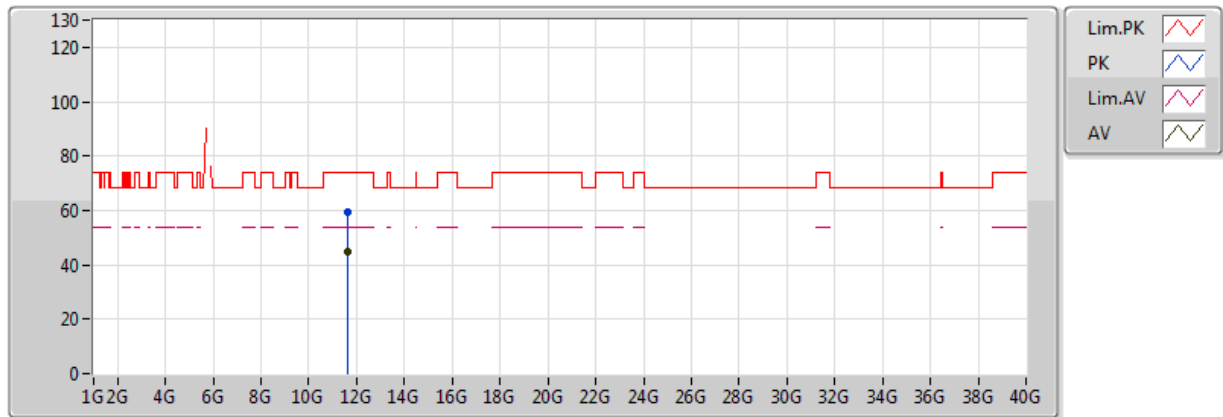


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.61158G	44.71	54.00	-9.29	17.85	3	V	271	2.27	-
PK	11.60564G	58.74	74.00	-15.26	17.86	3	V	271	2.27	-

802.11a_(6Mbps)_2TX

5805MHz_TX

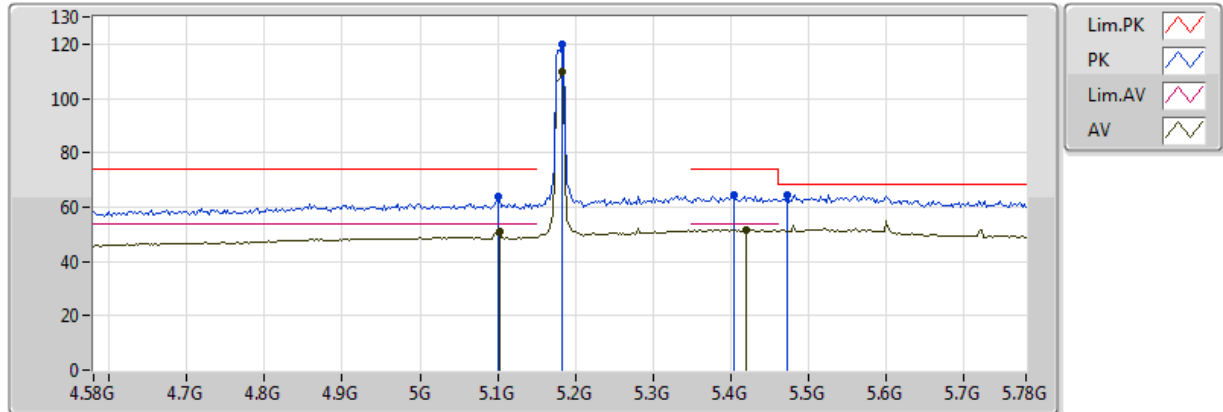


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6139G	44.79	54.00	-9.21	17.85	3	H	38	2.45	-
PK	11.6086G	59.15	74.00	-14.85	17.86	3	H	38	2.45	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

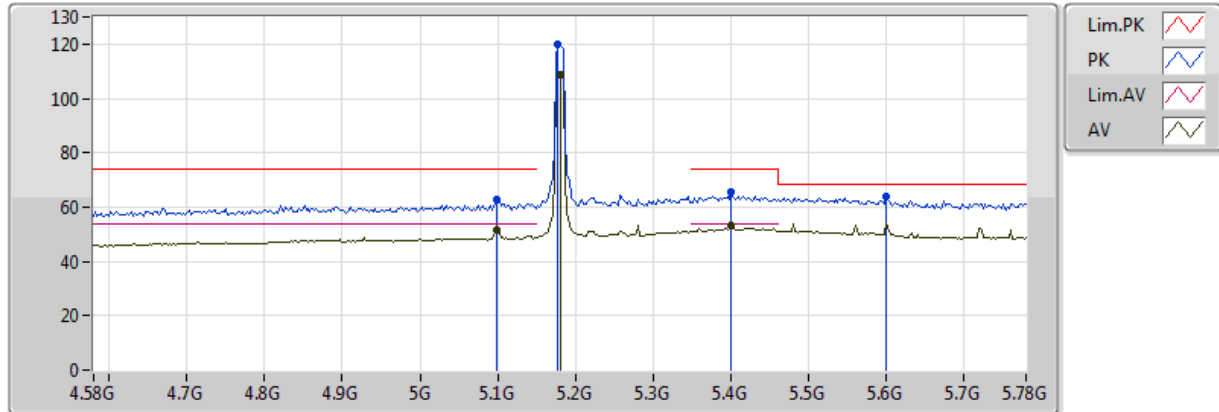


20170526
EUT_X_2TX
Setting 16
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1032G	51.14	54.00	-2.86	7.26	3	V	258	1.15	-
AV	5.1824G	109.75	Inf	-Inf	7.39	3	V	258	1.15	-
AV	5.42G	51.78	54.00	-2.22	7.78	3	V	258	1.15	-
PK	5.1008G	64.03	74.00	-9.97	7.25	3	V	258	1.15	-
PK	5.1824G	119.91	Inf	-Inf	7.39	3	V	258	1.15	-
PK	5.4728G	64.49	68.20	-3.71	7.87	3	V	258	1.15	-
PK	5.4032G	64.64	74.00	-9.36	7.76	3	V	258	1.15	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

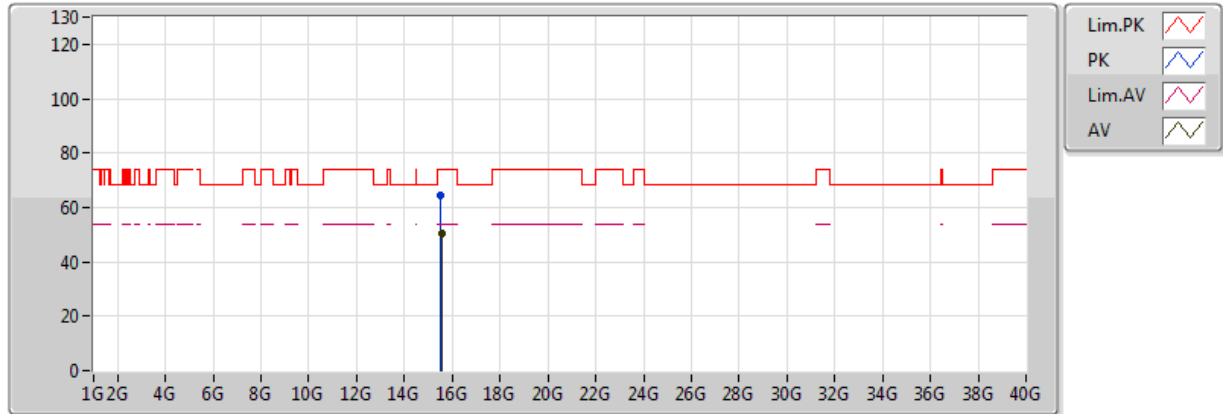


20170526
EUT X_2TX
Setting 16
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0984G	51.41	54.00	-2.59	7.25	3	H	258	1.50	-
AV	5.18G	108.45	Inf	-Inf	7.39	3	H	258	1.50	-
AV	5.4008G	53.36	54.00	-0.64	7.75	3	H	258	1.50	-
PK	5.0984G	62.95	74.00	-11.05	7.25	3	H	258	1.50	-
PK	5.1776G	119.79	Inf	-Inf	7.38	3	H	258	1.50	-
PK	5.6G	63.98	68.20	-4.22	8.13	3	H	258	1.50	-
PK	5.4008G	65.33	74.00	-8.67	7.75	3	H	258	1.50	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

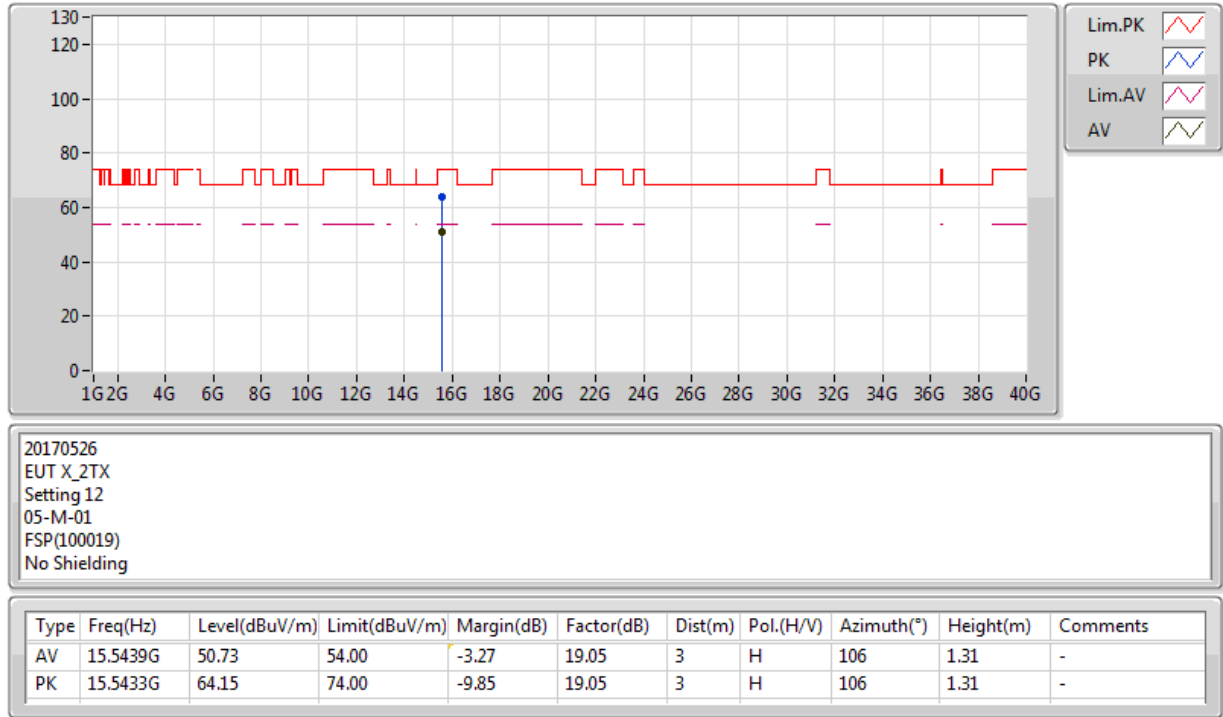


20170526
EUT X_2TX
Setting 16
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54392G	50.71	54.00	-3.29	19.05	3	V	239	1.73	-
PK	15.53622G	64.19	74.00	-9.81	19.08	3	V	239	1.73	-

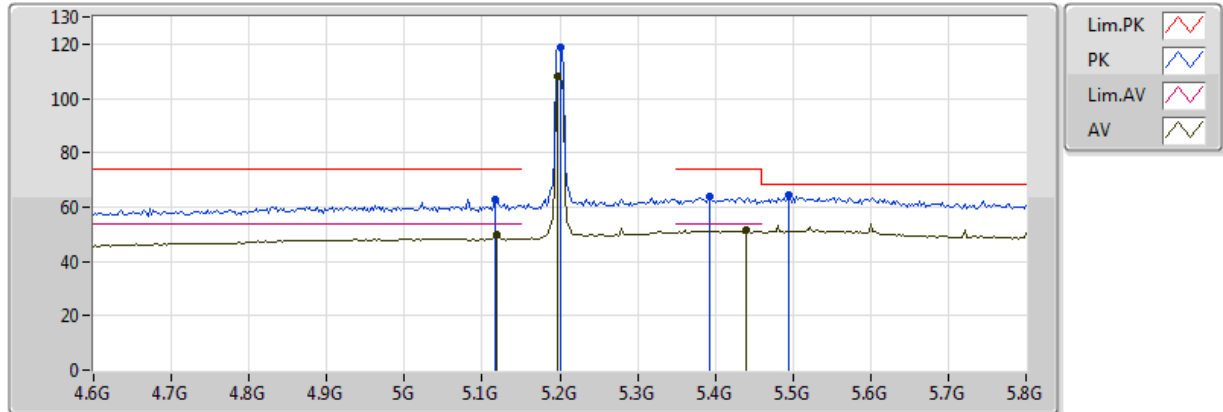
HT10_Nss1,(MCS0)_2TX

5180MHz_TX



HT10_Nss1,(MCS0)_2TX

5200MHz_TX

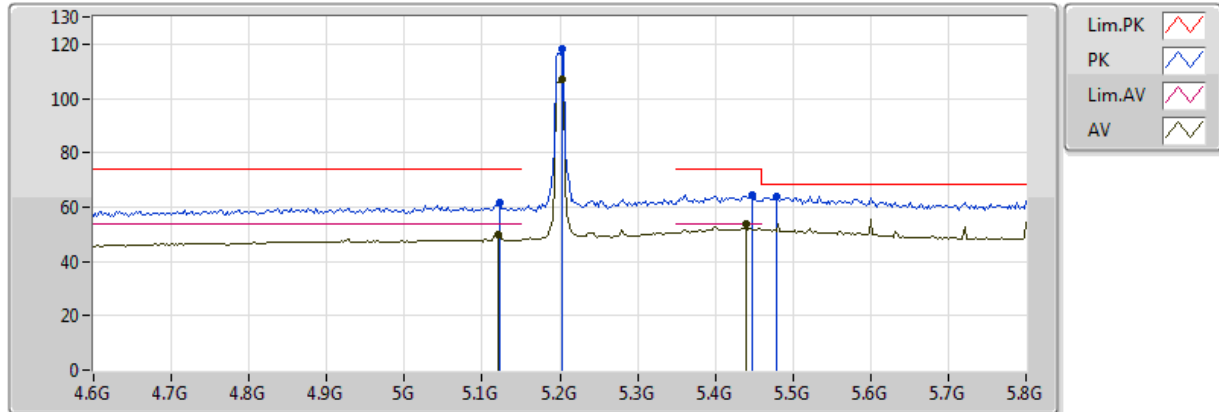


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1184G	50.12	54.00	-3.88	7.28	3	V	256	1.14	-
AV	5.1976G	108.21	Inf	-Inf	7.42	3	V	256	1.14	-
AV	5.44G	51.36	54.00	-2.64	7.81	3	V	256	1.14	-
PK	5.116G	62.98	74.00	-11.02	7.28	3	V	256	1.14	-
PK	5.2G	119.04	Inf	-Inf	7.42	3	V	256	1.14	-
PK	5.4952G	64.68	68.20	-3.52	7.90	3	V	256	1.14	-
PK	5.392G	63.72	74.00	-10.28	7.74	3	V	256	1.14	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

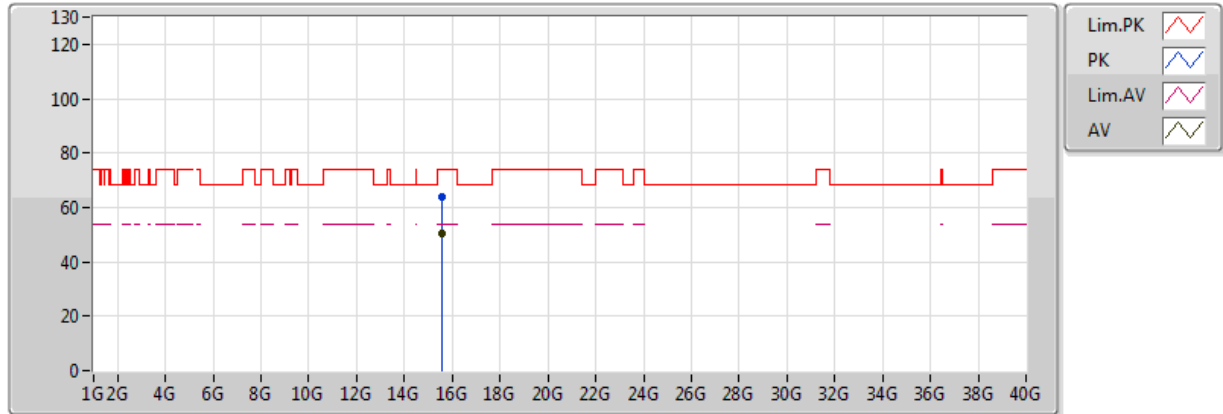


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1208G	49.87	54.00	-4.13	7.29	3	H	257	1.39	-
AV	5.2024G	107.23	Inf	-Inf	7.42	3	H	257	1.39	-
AV	5.44G	53.77	54.00	-0.23	7.81	3	H	257	1.39	-
PK	5.1232G	61.85	74.00	-12.15	7.29	3	H	257	1.39	-
PK	5.2024G	118.12	Inf	-Inf	7.42	3	H	257	1.39	-
PK	5.4784G	64.03	68.20	-4.17	7.88	3	H	257	1.39	-
PK	5.4472G	64.57	74.00	-9.43	7.83	3	H	257	1.39	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

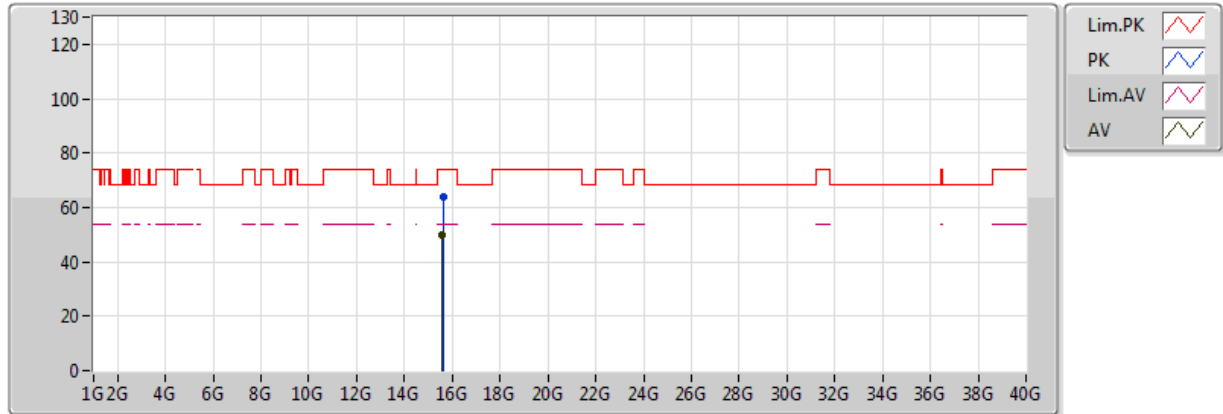


20170526
EUT X_2TX
Setting 15
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59596G	50.28	54.00	-3.72	18.89	3	V	126	1.69	-
PK	15.59562G	63.92	74.00	-10.08	18.89	3	V	126	1.69	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

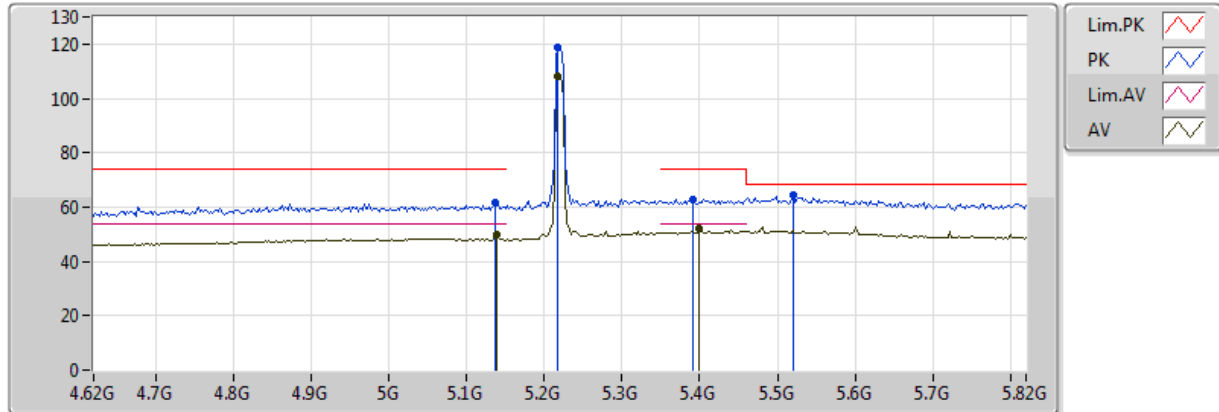


20170526
EUT X_2TX
Setting 15
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5996G	50.12	54.00	-3.88	18.88	3	H	60	1.85	-
PK	15.60344G	64.01	74.00	-9.99	18.87	3	H	60	1.85	-

HT10_Nss1,(MCS0)_2TX

5220MHz_TX

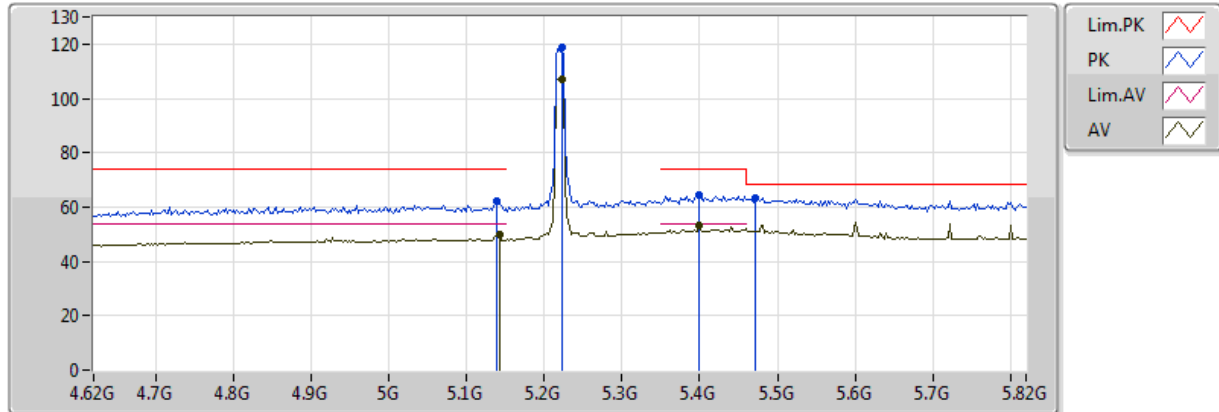


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1384G	49.84	54.00	-4.16	7.32	3	V	256	1.06	-
AV	5.2176G	108.05	Inf	-Inf	7.45	3	V	256	1.06	-
AV	5.4G	52.31	54.00	-1.69	7.75	3	V	256	1.06	-
PK	5.136G	61.66	74.00	-12.34	7.31	3	V	256	1.06	-
PK	5.2176G	118.83	Inf	-Inf	7.45	3	V	256	1.06	-
PK	5.52G	64.17	68.20	-4.03	7.95	3	V	256	1.06	-
PK	5.3904G	62.69	74.00	-11.31	7.73	3	V	256	1.06	-

HT10_Nss1,(MCS0)_2TX

5220MHz_TX

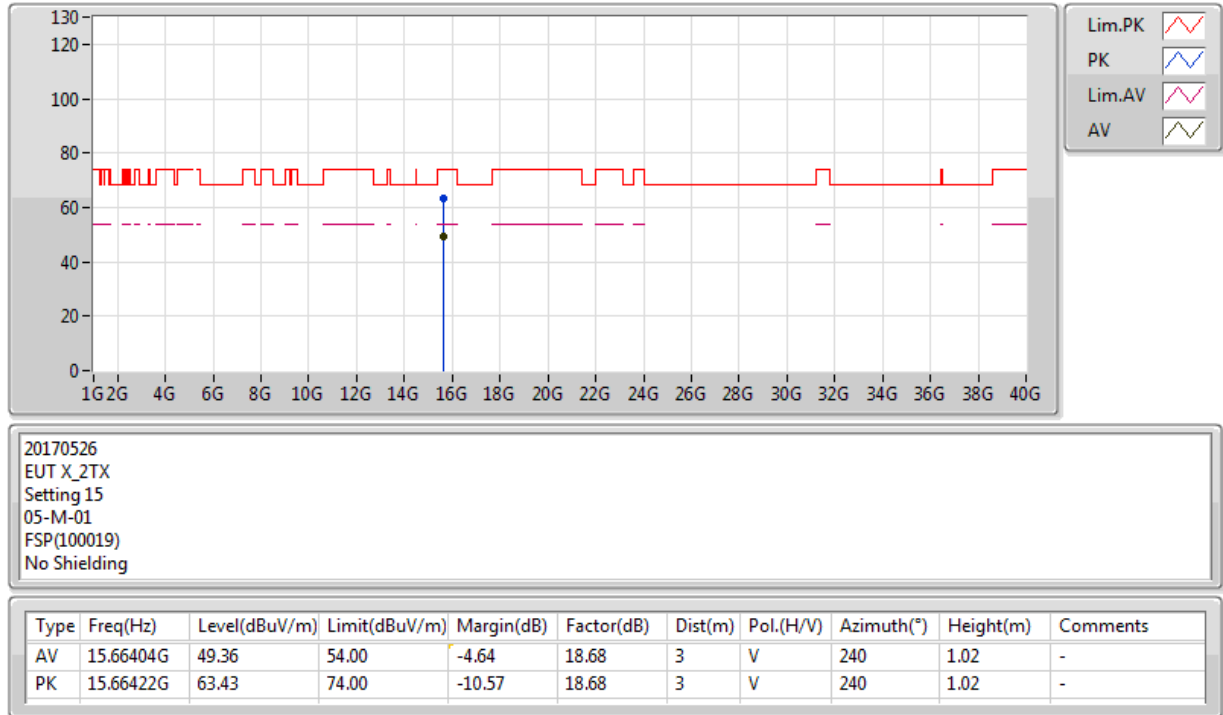


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1432G	49.89	54.00	-4.11	7.32	3	H	254	1.49	-
AV	5.2224G	106.98	Inf	-Inf	7.46	3	H	254	1.49	-
AV	5.4G	53.41	54.00	-0.59	7.75	3	H	254	1.49	-
PK	5.1384G	62.10	74.00	-11.90	7.32	3	H	254	1.49	-
PK	5.2224G	118.79	Inf	-Inf	7.46	3	H	254	1.49	-
PK	5.472G	63.42	68.20	-4.78	7.87	3	H	254	1.49	-
PK	5.4G	64.42	74.00	-9.58	7.75	3	H	254	1.49	-

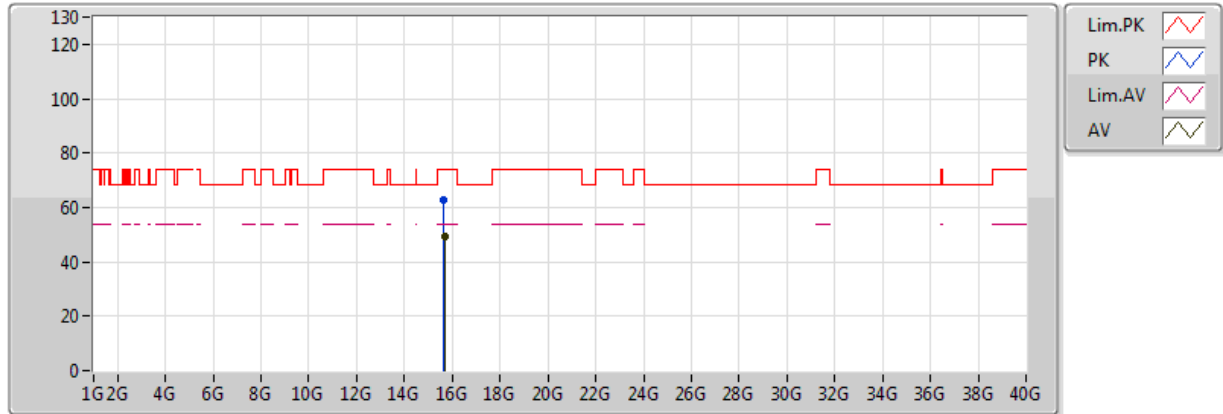
HT10_Nss1,(MCS0)_2TX

5220MHz_TX



HT10_Nss1,(MCS0)_2TX

5220MHz_TX

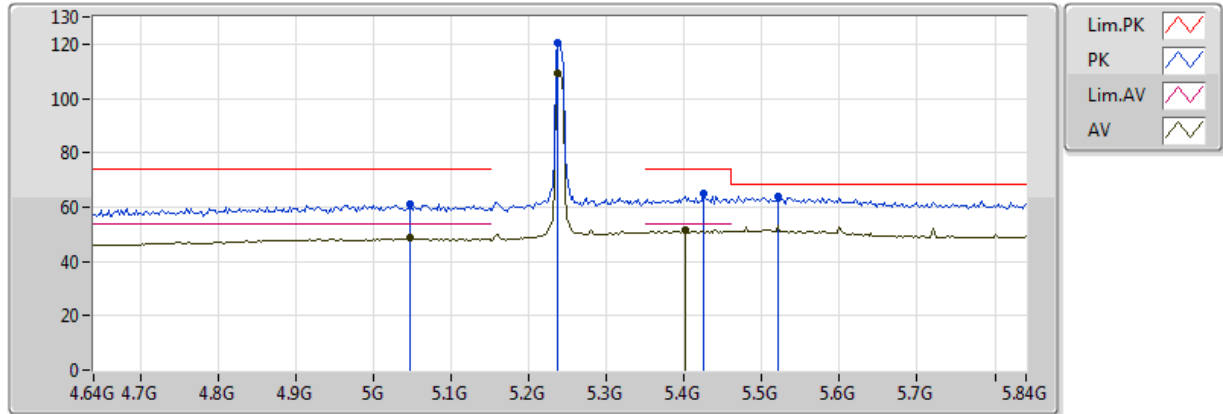


20170526
EUT X_2TX
Setting 15
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.66482G	49.27	54.00	-4.73	18.68	3	H	39	1.37	-
PK	15.65546G	62.93	74.00	-11.07	18.70	3	H	39	1.37	-

HT10_Nss1,(MCS0)_2TX

5240MHz_TX

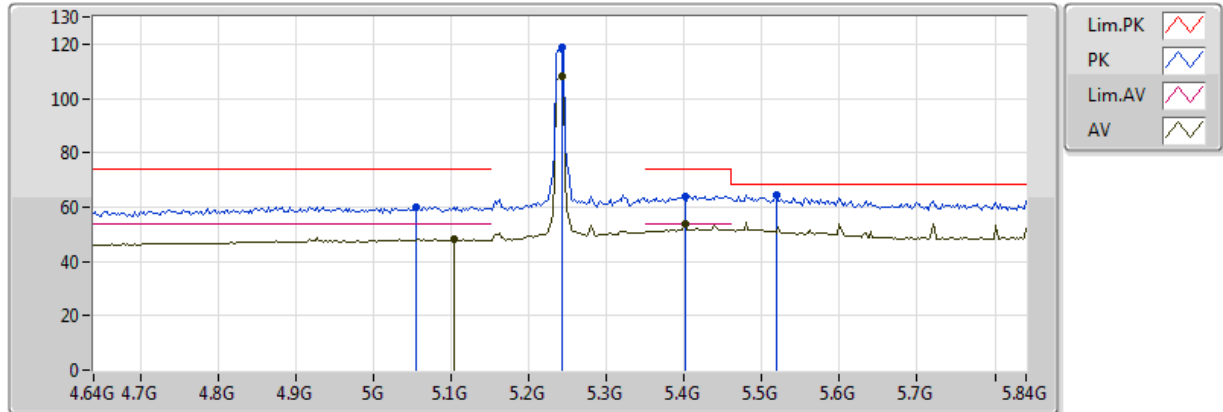


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.048G	48.60	54.00	-5.40	7.15	3	V	254	1.11	-
AV	5.2376G	109.31	Inf	-Inf	7.48	3	V	254	1.11	-
AV	5.4008G	51.77	54.00	-2.23	7.75	3	V	254	1.11	-
PK	5.048G	60.91	74.00	-13.09	7.15	3	V	254	1.11	-
PK	5.2376G	120.34	Inf	-Inf	7.48	3	V	254	1.11	-
PK	5.5208G	64.07	68.20	-4.13	7.96	3	V	254	1.11	-
PK	5.4248G	64.85	74.00	-9.15	7.79	3	V	254	1.11	-

HT10_Nss1,(MCS0)_2TX

5240MHz_TX

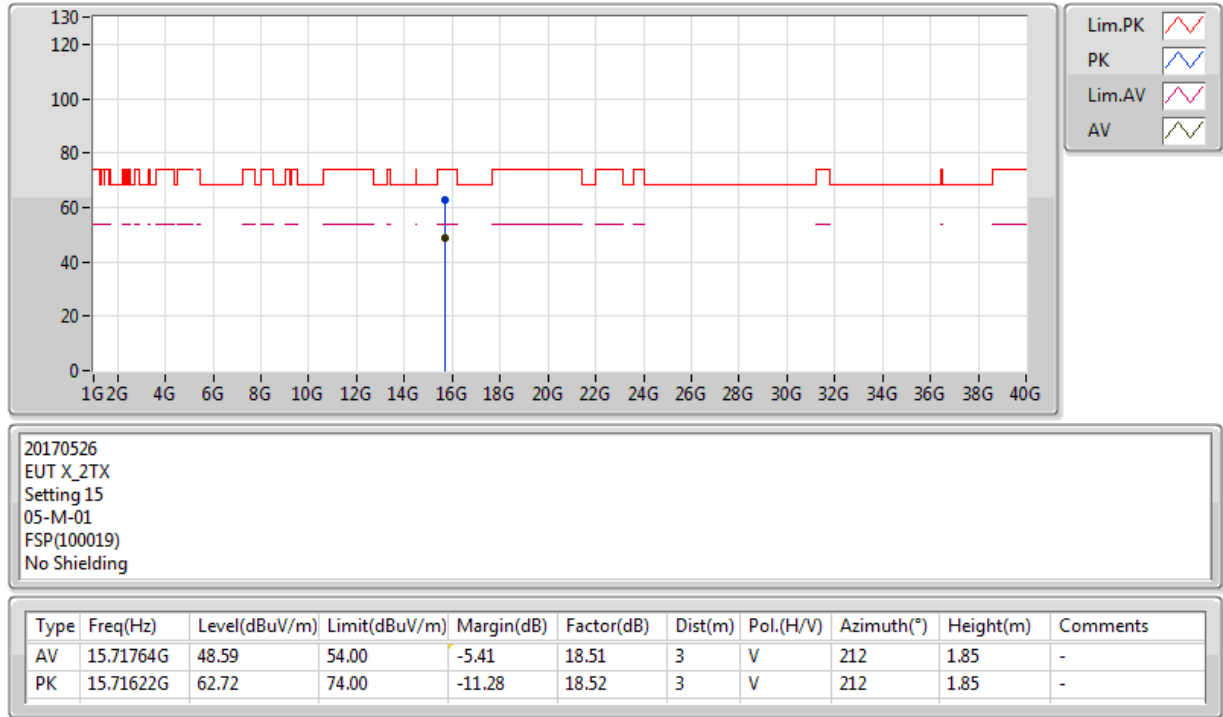


20170526
EUT_X_2TX
Setting 15
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1032G	48.08	54.00	-5.92	7.26	3	H	255	1.43	-
AV	5.2424G	107.95	Inf	-Inf	7.49	3	H	255	1.43	-
AV	5.4008G	53.82	54.00	-0.18	7.75	3	H	255	1.43	-
PK	5.0552G	60.18	74.00	-13.82	7.16	3	H	255	1.43	-
PK	5.2424G	118.63	Inf	-Inf	7.49	3	H	255	1.43	-
PK	5.5184G	64.33	68.20	-3.87	7.95	3	H	255	1.43	-
PK	5.4008G	64.12	74.00	-9.88	7.75	3	H	255	1.43	-

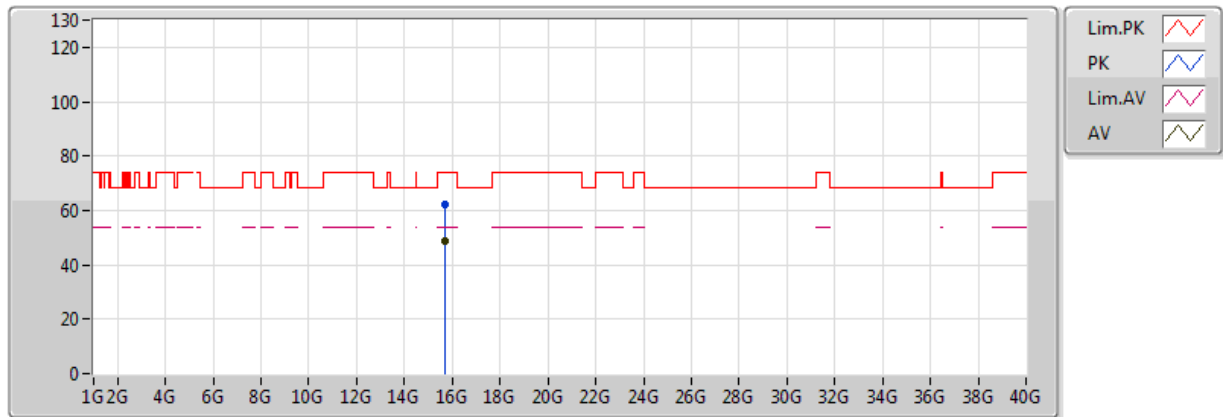
HT10_Nss1,(MCS0)_2TX

5240MHz_TX



HT10_Nss1,(MCS0)_2TX

5240MHz_TX

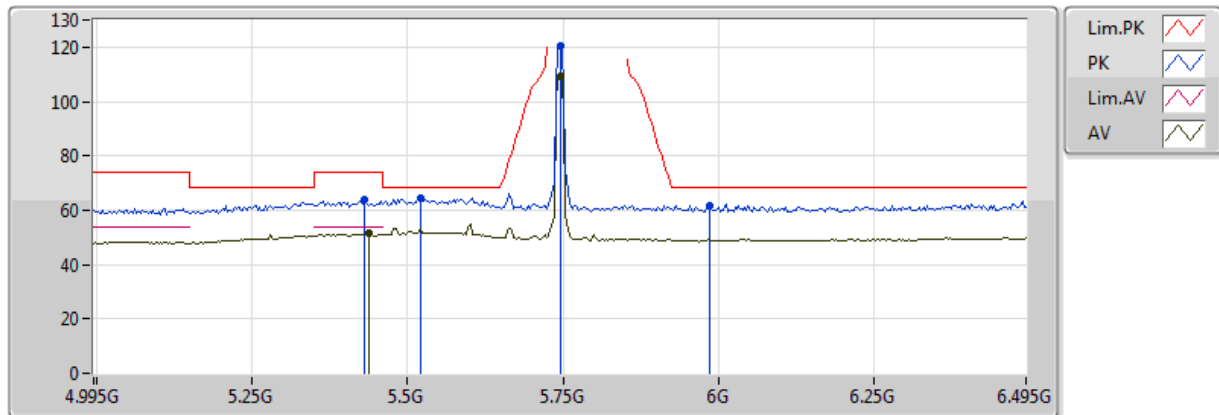


20170526
EUT X_2TX
Setting 15
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7214G	48.67	54.00	-5.33	18.50	3	H	116	1.69	-
PK	15.71864G	62.40	74.00	-11.60	18.51	3	H	116	1.69	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

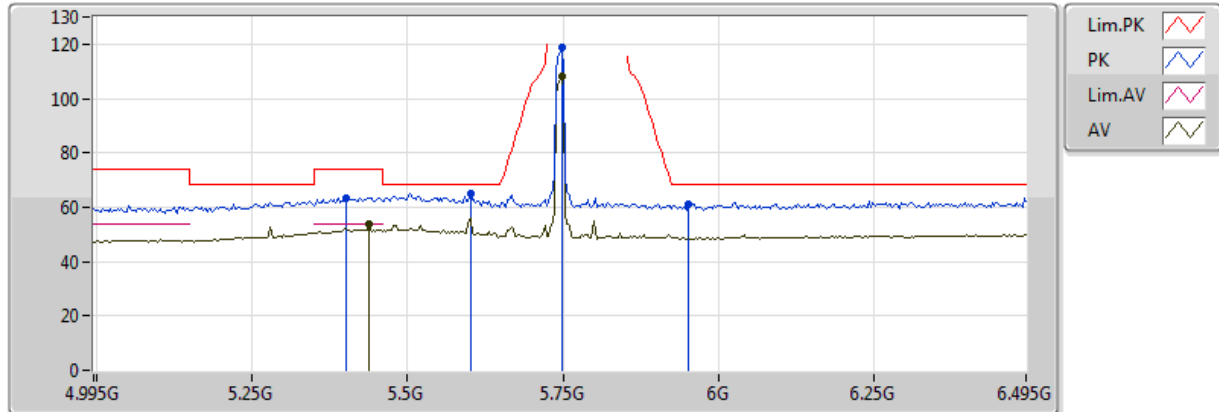


20170526
EUT X_2TX
Setting 13
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	51.29	54.00	-2.71	7.81	3	V	254	1.18	-
AV	5.745G	109.41	Inf	-Inf	8.40	3	V	254	1.18	-
PK	5.52G	64.59	68.20	-3.61	7.95	3	V	254	1.18	-
PK	5.745G	120.41	Inf	-Inf	8.40	3	V	254	1.18	-
PK	5.985G	61.73	68.20	-6.47	8.97	3	V	254	1.18	-
PK	5.43G	63.92	74.00	-10.08	7.80	3	V	254	1.18	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

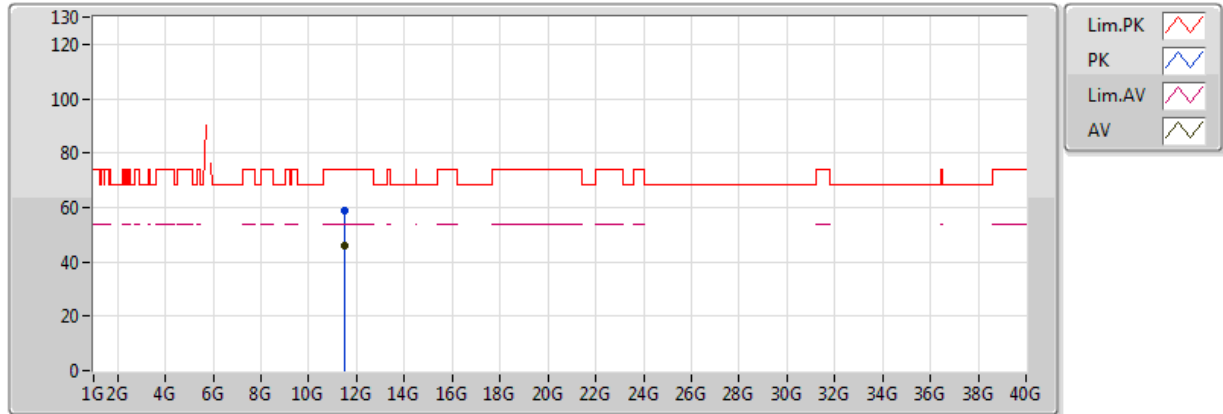


20170526
EUT X_2TX
Setting 13
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	53.59	54.00	-0.41	7.81	3	H	256	1.37	-
AV	5.748G	107.97	Inf	-Inf	8.40	3	H	256	1.37	-
PK	5.601G	65.19	68.20	-3.01	8.13	3	H	256	1.37	-
PK	5.748G	118.72	Inf	-Inf	8.40	3	H	256	1.37	-
PK	5.952G	61.20	68.20	-7.00	8.89	3	H	256	1.37	-
PK	5.4G	63.58	74.00	-10.42	7.75	3	H	256	1.37	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

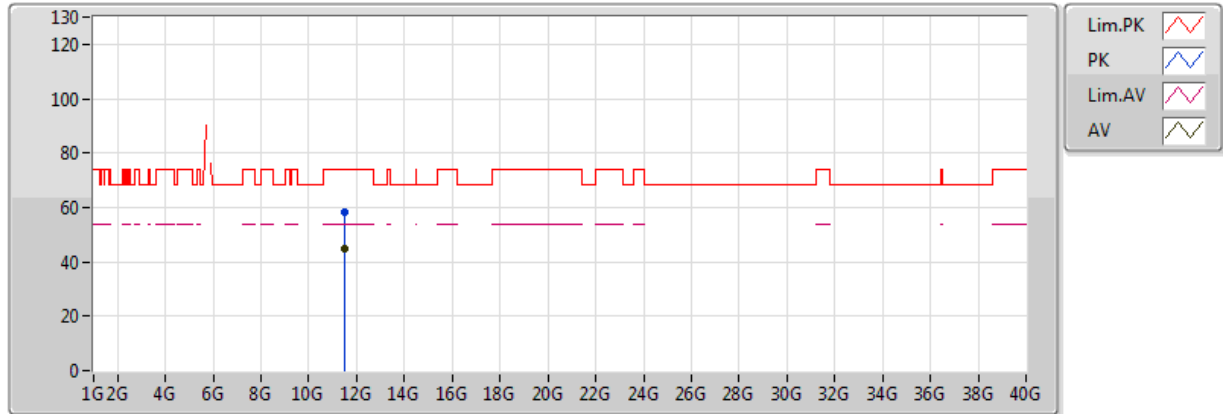


20170526
EUT X_2TX
Setting 13
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49192G	45.89	54.00	-8.11	17.99	3	V	67	1.40	-
PK	11.49394G	58.94	74.00	-15.06	17.99	3	V	67	1.40	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

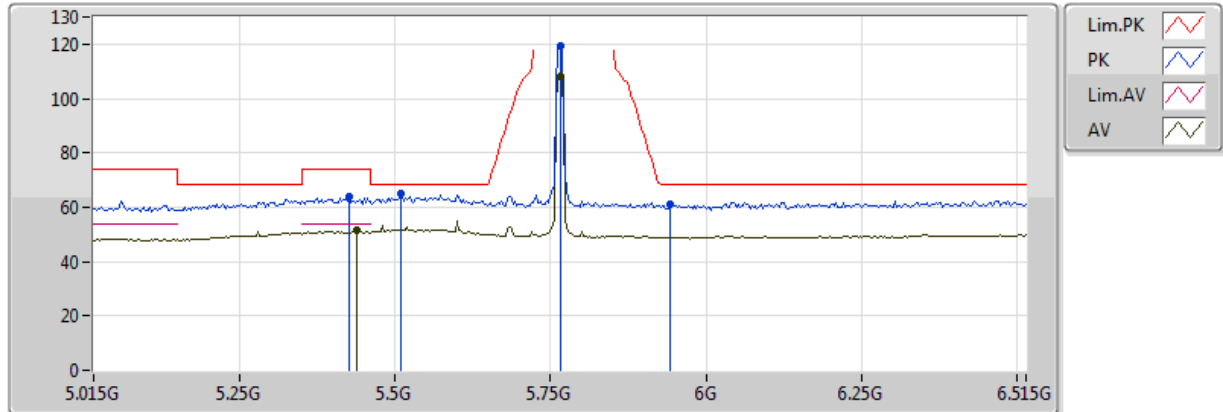


20170526
EUT X_2TX
Setting 13
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49272G	45.03	54.00	-8.97	17.99	3	H	186	1.70	-
PK	11.49038G	58.23	74.00	-15.77	18.00	3	H	186	1.70	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

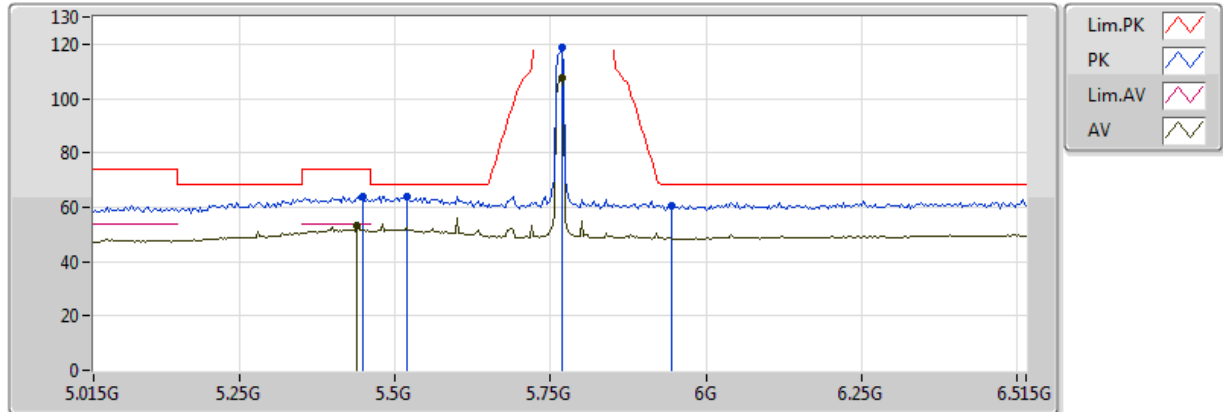


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.438G	51.32	54.00	-2.68	7.81	3	V	254	1.16	-
AV	5.765G	108.13	Inf	-Inf	8.43	3	V	254	1.16	-
PK	5.51G	64.81	68.20	-3.39	7.93	3	V	254	1.16	-
PK	5.765G	119.16	Inf	-Inf	8.43	3	V	254	1.16	-
PK	5.942G	61.27	68.20	-6.93	8.87	3	V	254	1.16	-
PK	5.426G	63.72	74.00	-10.28	7.79	3	V	254	1.16	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

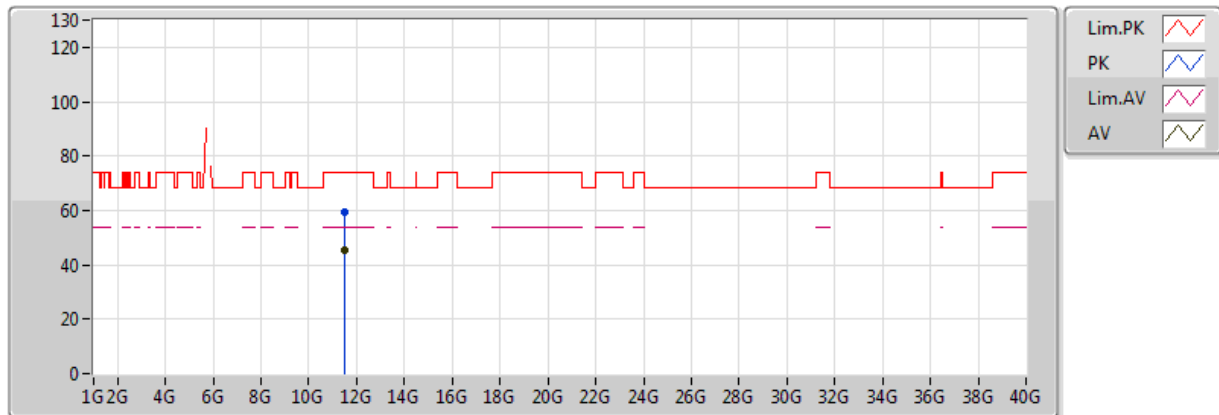


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.438G	53.32	54.00	-0.68	7.81	3	H	255	1.39	-
AV	5.768G	107.63	Inf	-Inf	8.44	3	H	255	1.39	-
PK	5.519G	64.10	68.20	-4.10	7.95	3	H	255	1.39	-
PK	5.768G	118.71	Inf	-Inf	8.44	3	H	255	1.39	-
PK	5.945G	60.75	68.20	-7.45	8.87	3	H	255	1.39	-
PK	5.447G	63.96	74.00	-10.04	7.83	3	H	255	1.39	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

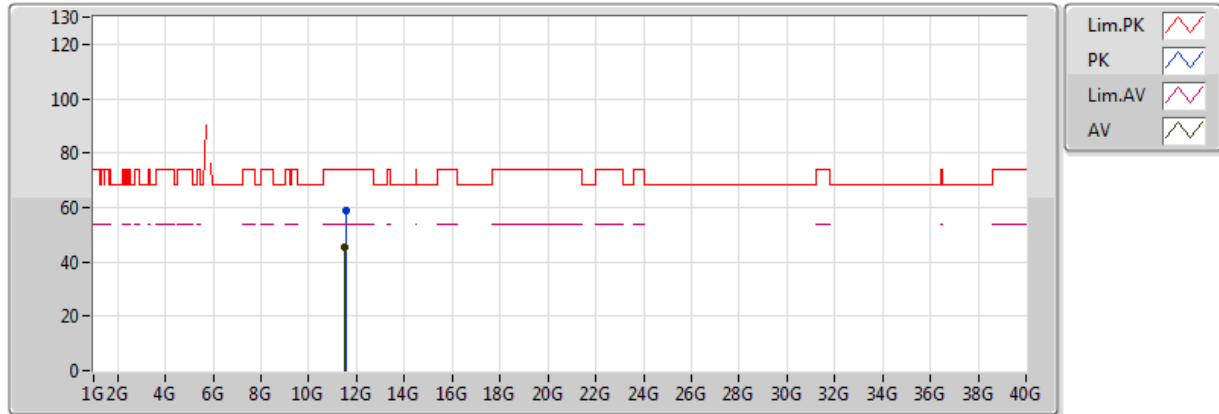


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.52582G	45.34	54.00	-8.66	17.95	3	V	7	1.73	-
PK	11.52604G	59.66	74.00	-14.34	17.95	3	V	7	1.73	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

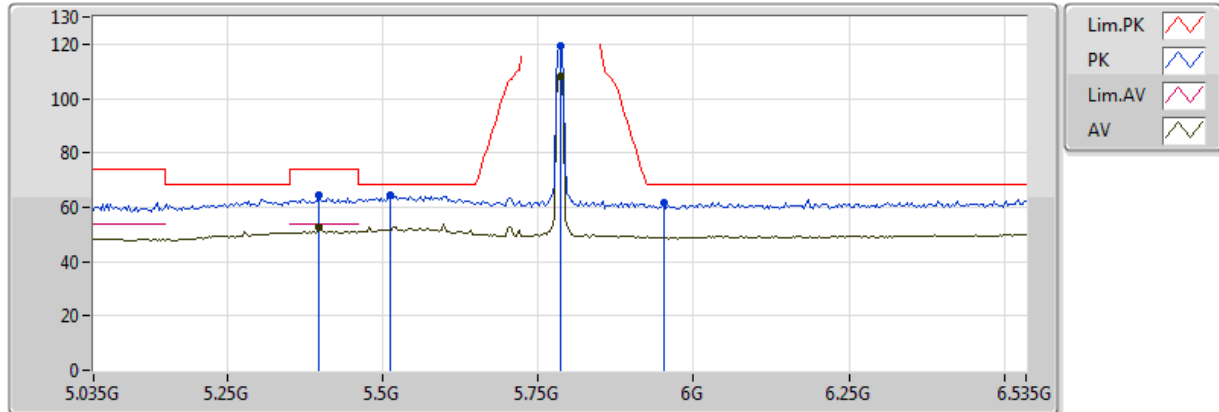


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5262G	45.23	54.00	-8.77	17.95	3	H	254	1.84	-
PK	11.5326G	59.03	74.00	-14.97	17.95	3	H	254	1.84	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

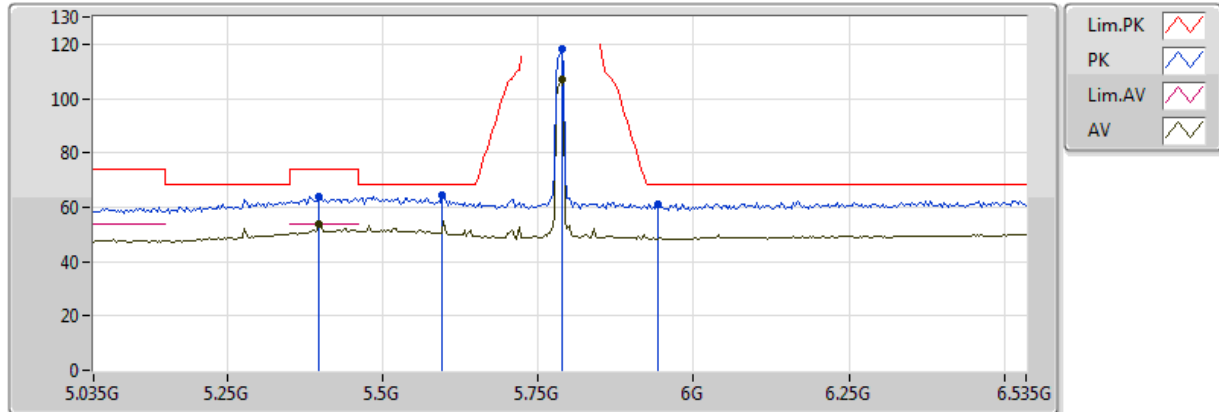


20170526
EUT_X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.398G	52.44	54.00	-1.56	7.75	3	V	253	1.17	-
AV	5.785G	108.16	Inf	-Inf	8.47	3	V	253	1.17	-
PK	5.512G	64.22	68.20	-3.98	7.94	3	V	253	1.17	-
PK	5.785G	119.29	Inf	-Inf	8.47	3	V	253	1.17	-
PK	5.953G	61.48	68.20	-6.72	8.89	3	V	253	1.17	-
PK	5.398G	64.28	74.00	-9.72	7.75	3	V	253	1.17	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

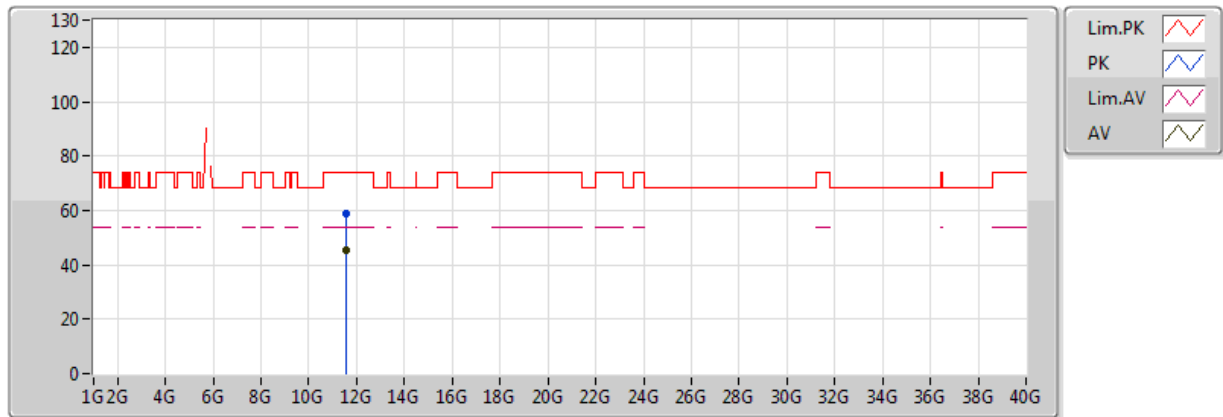


20170526
EUT_X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.398G	53.53	54.00	-0.47	7.75	3	H	256	1.39	-
AV	5.788G	107.23	Inf	-Inf	8.48	3	H	256	1.39	-
PK	5.596G	64.25	68.20	-3.95	8.12	3	H	256	1.39	-
PK	5.788G	118.13	Inf	-Inf	8.48	3	H	256	1.39	-
PK	5.944G	61.28	68.20	-6.92	8.87	3	H	256	1.39	-
PK	5.398G	63.83	74.00	-10.17	7.75	3	H	256	1.39	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

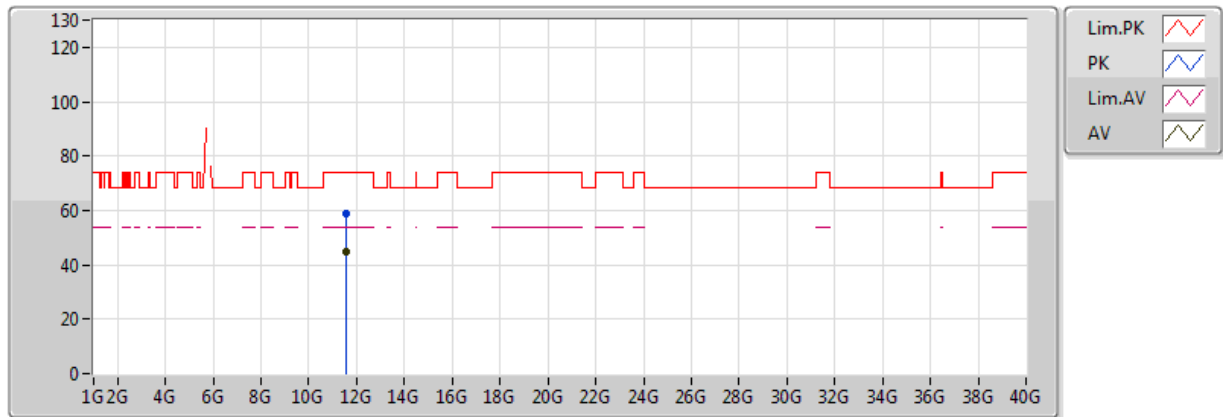


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57044G	45.25	54.00	-8.75	17.90	3	V	340	1.97	-
PK	11.5685G	58.84	74.00	-15.16	17.90	3	V	340	1.97	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

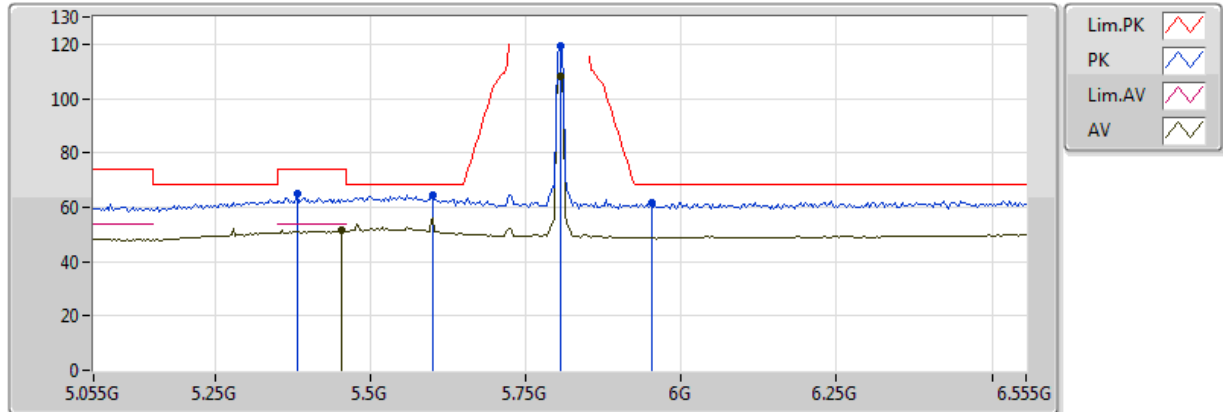


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57162G	45.10	54.00	-8.90	17.90	3	H	344	1.24	-
PK	11.56602G	59.05	74.00	-14.95	17.91	3	H	344	1.24	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

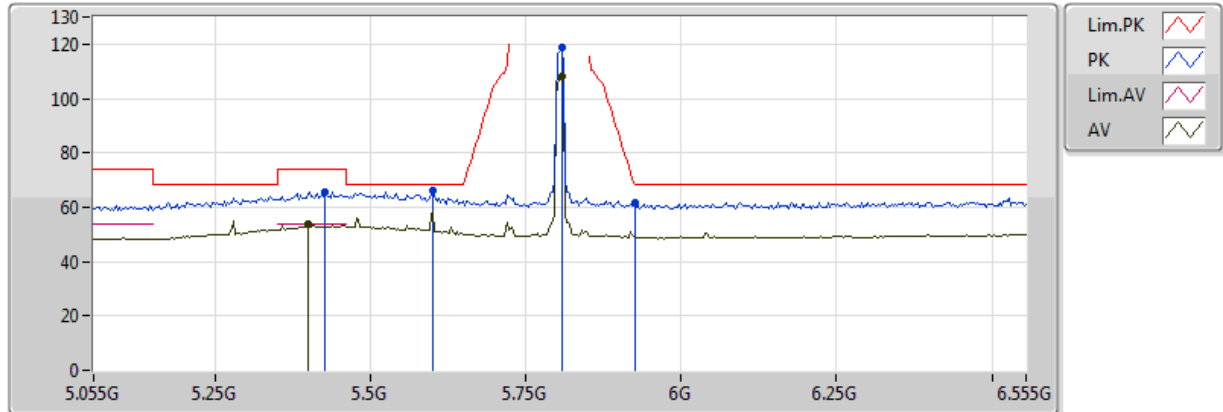


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

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	51.40	54.00	-2.60	7.84	3	V	252	1.15	-
AV	5.805G	108.08	Inf	-Inf	8.51	3	V	252	1.15	-
PK	5.601G	64.63	68.20	-3.57	8.13	3	V	252	1.15	-
PK	5.805G	119.51	Inf	-Inf	8.51	3	V	252	1.15	-
PK	5.952G	61.47	68.20	-6.73	8.89	3	V	252	1.15	-
PK	5.382G	64.76	74.00	-9.24	7.72	3	V	252	1.15	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

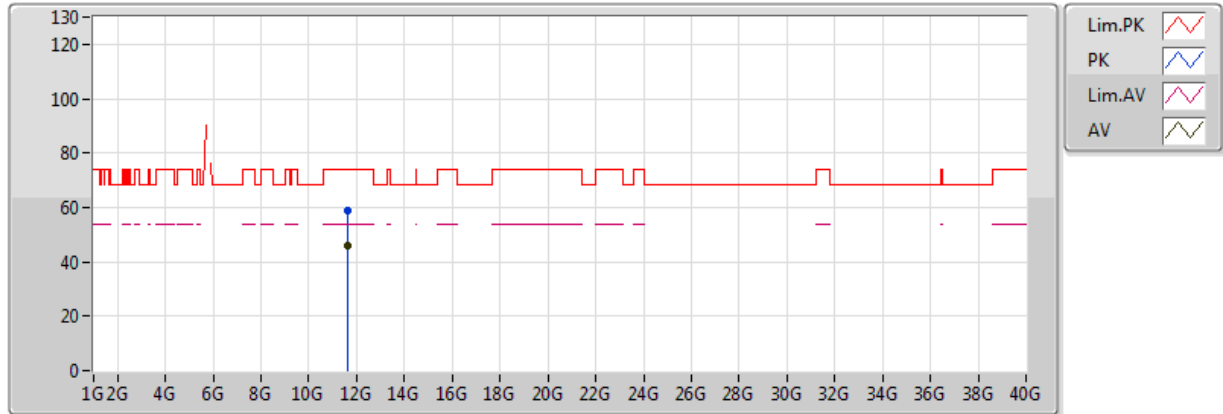


20170526
EUT X_2TX
Setting 12
05-M-01-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4G	53.83	54.00	-0.17	7.75	3	H	253	1.37	-
AV	5.808G	108.41	Inf	-Inf	8.52	3	H	253	1.37	-
PK	5.601G	65.92	68.20	-2.28	8.13	3	H	253	1.37	-
PK	5.808G	118.95	Inf	-Inf	8.52	3	H	253	1.37	-
PK	5.925G	61.36	68.20	-6.84	8.82	3	H	253	1.37	-
PK	5.427G	65.51	74.00	-8.49	7.79	3	H	253	1.37	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

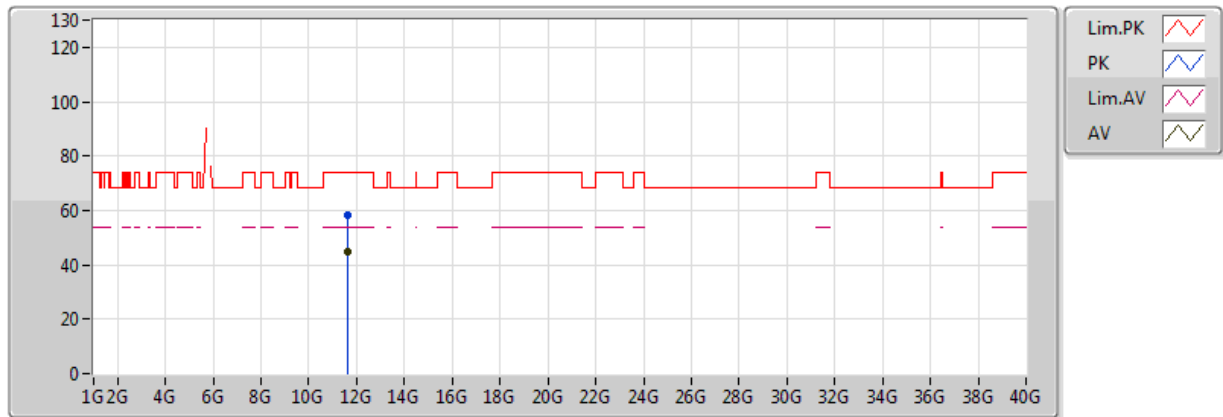


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6111G	45.86	54.00	-8.14	17.86	3	V	266	1.94	-
PK	11.61116G	59.09	74.00	-14.91	17.85	3	V	266	1.94	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX



20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.61448G	44.87	54.00	-9.13	17.85	3	H	77	2.05	-
PK	11.61216G	58.46	74.00	-15.54	17.85	3	H	77	2.05	-

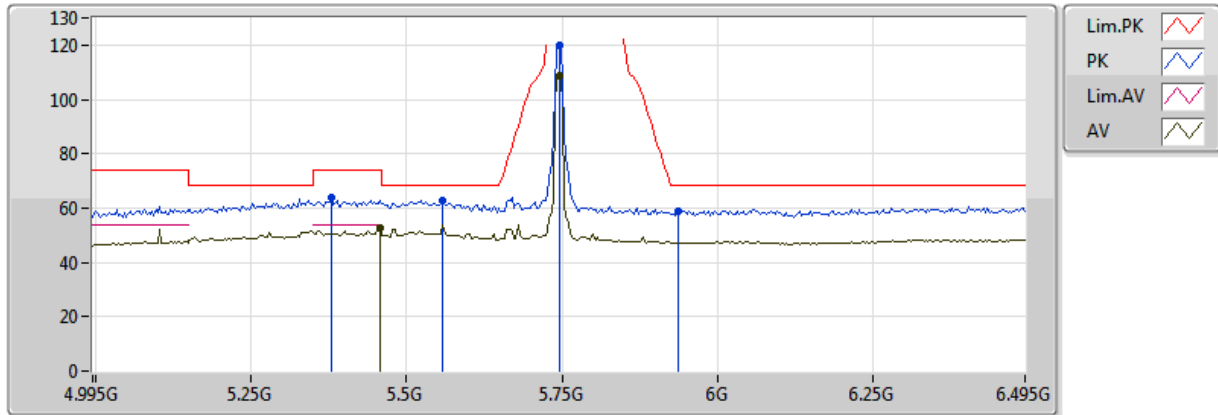
**For Mode 2:****Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
HT10_Nss1,(MCS0)_2TX	Pass	AV	5.4G	53.99	54.00	-0.01	5.79	3	Vertical	179	1.01	-

11a-10M_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2018



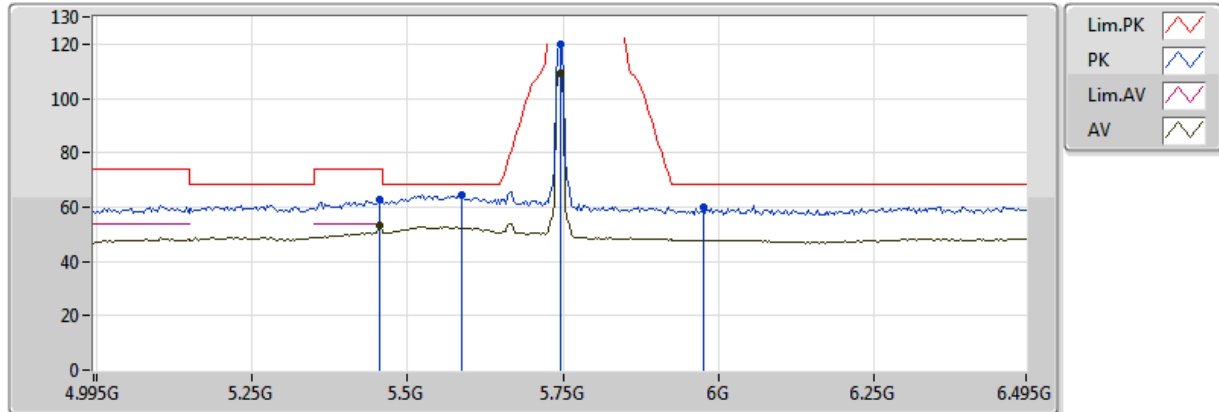
20180411
EUT X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.379G	63.60	74.00	-10.40	5.71	3	Vertical	183	1.13	-
AV	5.457G	52.53	54.00	-1.47	5.91	3	Vertical	183	1.13	-
PK	5.559G	63.00	68.20	-5.20	6.16	3	Vertical	183	1.13	-
PK	5.745G	119.67	Inf	-Inf	6.87	3	Vertical	183	1.13	-
AV	5.745G	108.62	Inf	-Inf	6.87	3	Vertical	183	1.13	-
PK	5.937G	59.03	68.20	-9.17	7.35	3	Vertical	183	1.13	-

11a-10M_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2018



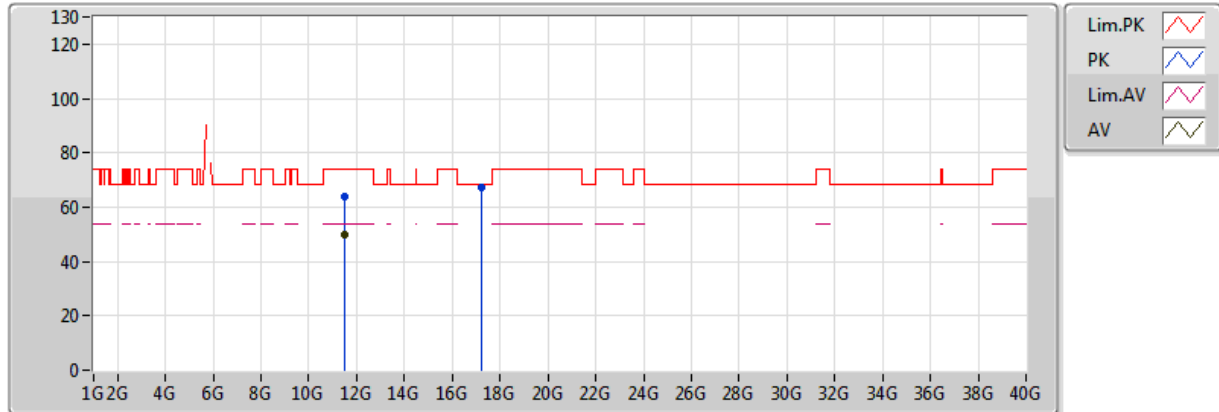
20180411
EUT_X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.454G	62.89	74.00	-11.11	5.90	3	Horizontal	178	1.92	-
AV	5.454G	53.08	54.00	-0.92	5.90	3	Horizontal	178	1.92	-
PK	5.586G	64.55	68.20	-3.65	6.23	3	Horizontal	178	1.92	-
PK	5.745G	119.85	Inf	-Inf	6.87	3	Horizontal	178	1.92	-
AV	5.745G	109.10	Inf	-Inf	6.87	3	Horizontal	178	1.92	-
PK	5.976G	59.97	68.20	-8.23	7.43	3	Horizontal	178	1.92	-

11a-10M_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2018



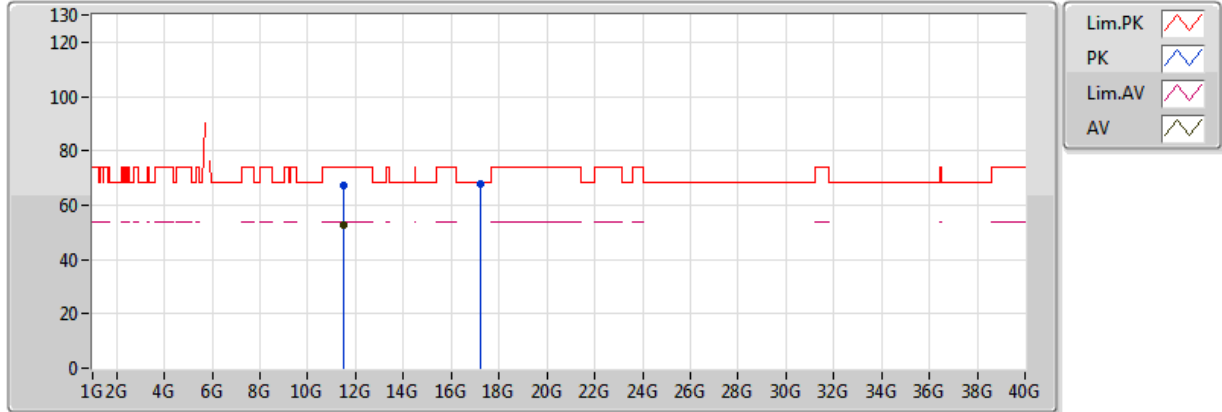
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.48772G	63.98	74.00	-10.02	13.32	3	Vertical	225	2.34	-
AV	11.4905G	49.83	54.00	-4.17	13.32	3	Vertical	225	2.34	-
PK	17.2371G	67.05	68.20	-1.15	20.11	3	Vertical	239	1.07	-

11a-10M_Nss1,(6Mbps)_2TX

5745MHz_TX

13/04/2018



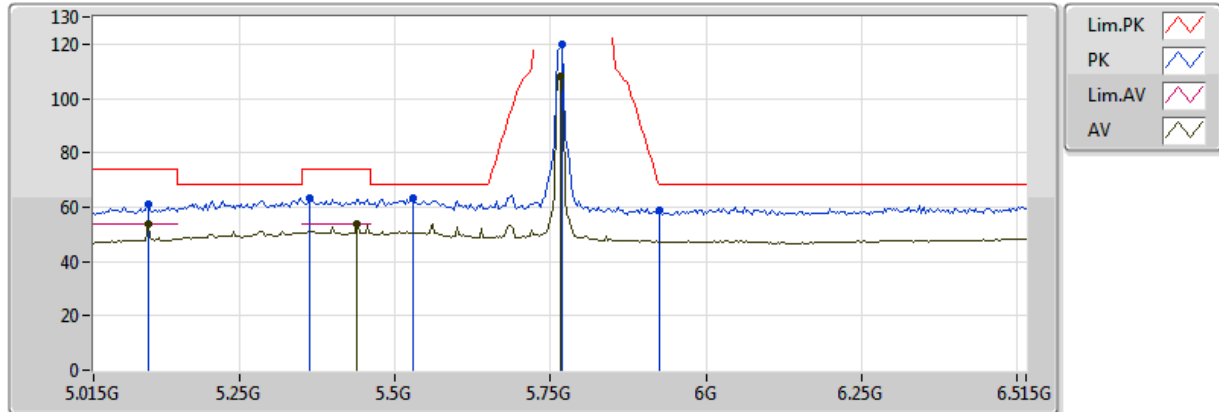
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.48884G	67.06	74.00	-6.94	13.32	3	Horizontal	119	1.47	-
AV	11.48848G	52.83	54.00	-1.17	13.32	3	Horizontal	119	1.47	-
PK	17.23552G	67.89	68.20	-0.31	20.11	3	Horizontal	136	1.75	-

11a-10M_Nss1,(6Mbps)_2TX

5765MHz_TX

13/04/2018



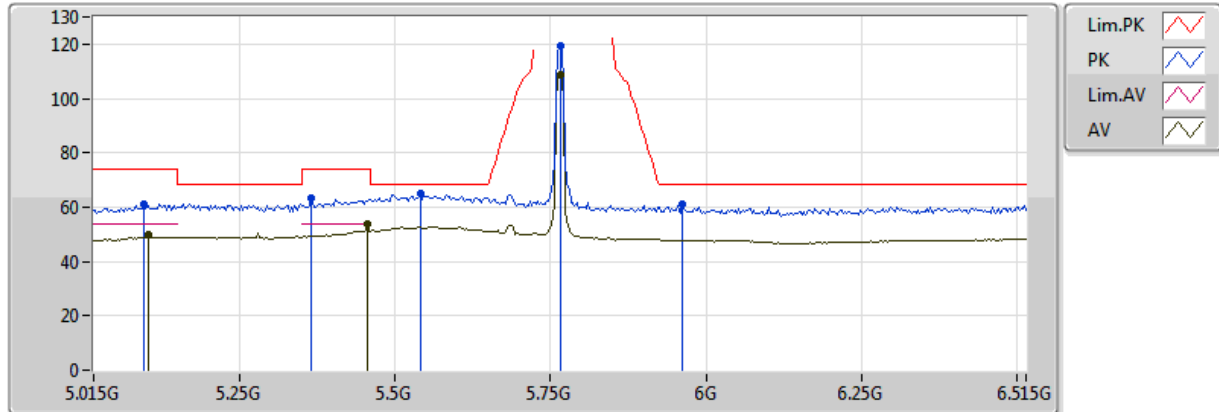
20180411
EUT_X_2TX
Setting 21
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.102G	61.24	74.00	-12.76	4.84	3	Vertical	183	1.19	-
AV	5.102G	53.55	54.00	-0.45	4.84	3	Vertical	183	1.19	-
PK	5.363G	63.50	74.00	-10.50	5.65	3	Vertical	183	1.19	-
AV	5.438G	53.77	54.00	-0.23	5.87	3	Vertical	183	1.19	-
PK	5.528G	63.52	68.20	-4.68	6.07	3	Vertical	183	1.19	-
PK	5.768G	119.85	Inf	-Inf	6.97	3	Vertical	183	1.19	-
AV	5.765G	108.20	Inf	-Inf	6.95	3	Vertical	183	1.19	-
PK	5.924994G	58.89	68.20	-9.31	7.34	3	Vertical	183	1.19	-

11a-10M_Nss1,(6Mbps)_2TX

5765MHz_TX

13/04/2018



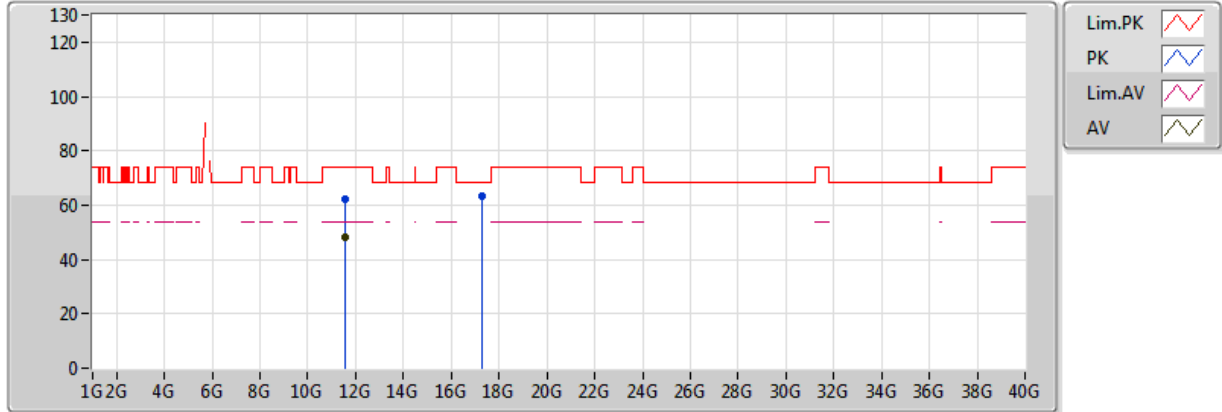
20180411
EUT_X_2TX
Setting 21
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.096G	61.23	74.00	-12.77	4.83	3	Horizontal	182	2.18	-
AV	5.102G	49.92	54.00	-4.08	4.84	3	Horizontal	182	2.18	-
PK	5.366G	63.23	74.00	-10.77	5.66	3	Horizontal	182	2.18	-
PK	5.54G	65.12	68.20	-3.08	6.11	3	Horizontal	182	2.18	-
AV	5.456G	53.96	54.00	-0.04	5.91	3	Horizontal	182	2.18	-
PK	5.765G	119.46	Inf	-Inf	6.95	3	Horizontal	182	2.18	-
AV	5.765G	108.46	Inf	-Inf	6.95	3	Horizontal	182	2.18	-
PK	5.963G	60.97	68.20	-7.23	7.42	3	Horizontal	182	2.18	-

11a-10M_Nss1,(6Mbps)_2TX

5765MHz_TX

13/04/2018



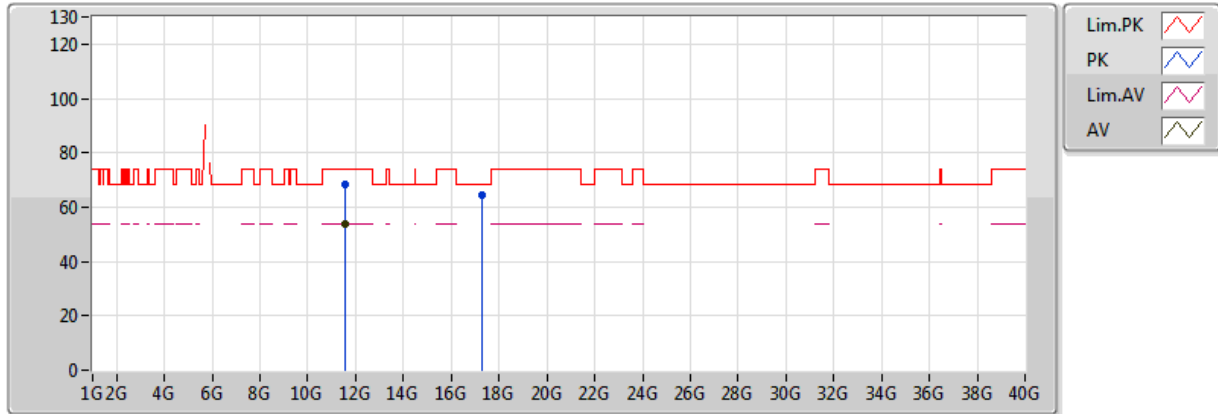
20180411
EUT X_2TX
Setting 21
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.52938G	61.99	74.00	-12.01	13.33	3	Vertical	221	1.73	-
AV	11.52942G	48.10	54.00	-5.90	13.33	3	Vertical	221	1.73	-
PK	17.29088G	63.49	68.20	-4.71	20.25	3	Vertical	53	2.14	-

11a-10M_Nss1,(6Mbps)_2TX

5765MHz_TX

13/04/2018



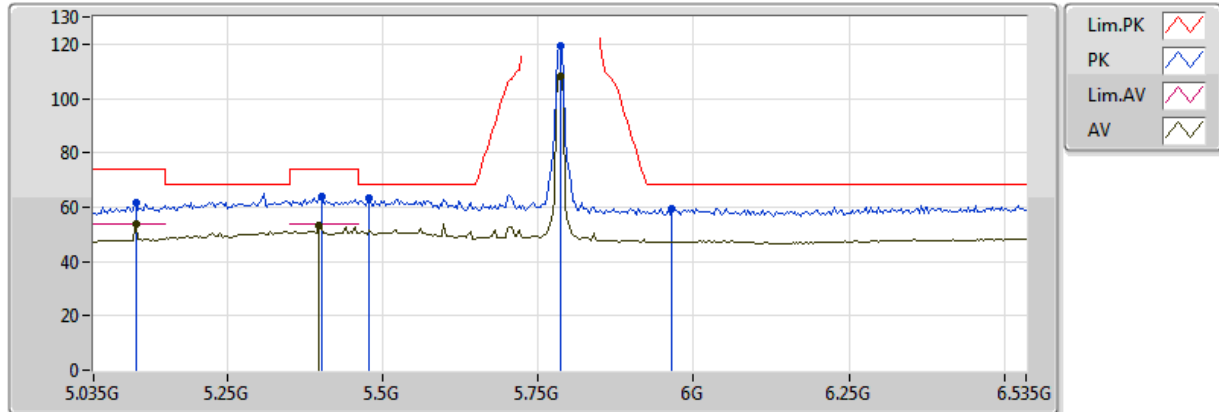
20180411
EUT X_2TX
Setting 21
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.53388G	68.20	74.00	-5.80	13.33	3	Horizontal	53	1.77	-
AV	11.53108G	53.56	54.00	-0.44	13.33	3	Horizontal	53	1.77	-
PK	17.29228G	64.36	68.20	-3.84	20.25	3	Horizontal	358	1.50	-

11a-10M_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2018



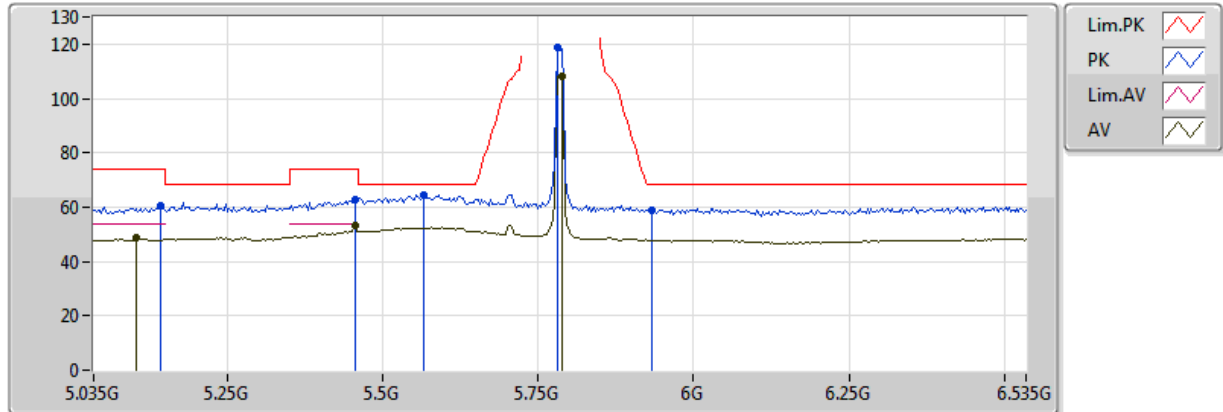
20180411
EUT_X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.104G	61.74	74.00	-12.26	4.84	3	Vertical	180	1.21	-
AV	5.104G	53.55	54.00	-0.45	4.84	3	Vertical	180	1.21	-
PK	5.401G	64.00	74.00	-10.00	5.79	3	Vertical	180	1.21	-
AV	5.398G	53.40	54.00	-0.60	5.78	3	Vertical	180	1.21	-
PK	5.479G	63.07	68.20	-5.13	5.96	3	Vertical	180	1.21	-
PK	5.785G	119.25	Inf	-Inf	7.04	3	Vertical	180	1.21	-
AV	5.785G	108.11	Inf	-Inf	7.04	3	Vertical	180	1.21	-
PK	5.965G	59.46	68.20	-8.74	7.41	3	Vertical	180	1.21	-

11a-10M_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2018



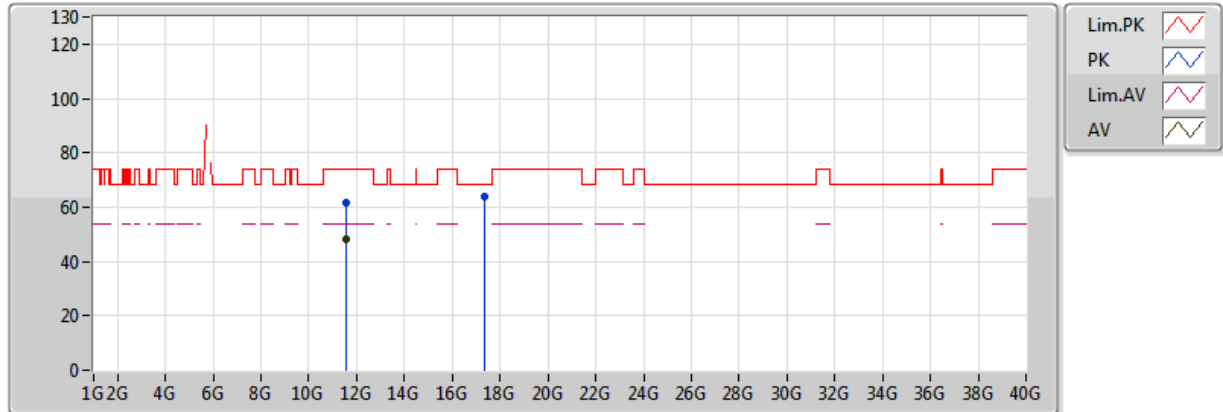
20180411
EUT_X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.143G	60.63	74.00	-13.37	4.89	3	Horizontal	184	1.99	-
AV	5.104G	48.94	54.00	-5.06	4.84	3	Horizontal	184	1.99	-
PK	5.455G	62.85	74.00	-11.15	5.91	3	Horizontal	184	1.99	-
AV	5.455G	53.13	54.00	-0.87	5.90	3	Horizontal	184	1.99	-
PK	5.566G	64.60	68.20	-3.60	6.18	3	Horizontal	184	1.99	-
PK	5.782G	118.86	Inf	-Inf	7.02	3	Horizontal	184	1.99	-
AV	5.788G	108.35	Inf	-Inf	7.05	3	Horizontal	184	1.99	-
PK	5.932G	59.04	68.20	-9.16	7.35	3	Horizontal	184	1.99	-

11a-10M_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2018



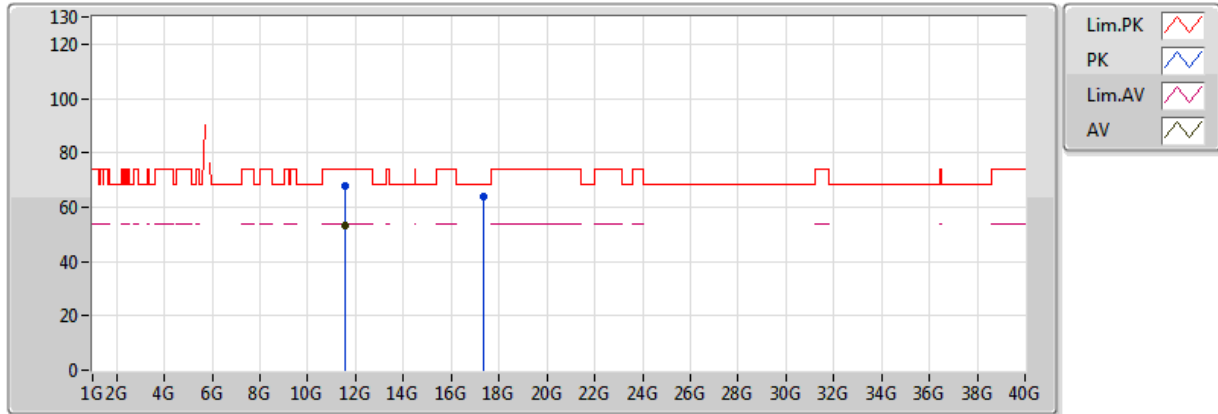
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.5696G	61.55	74.00	-12.45	13.33	3	Vertical	110	1.73	-
AV	11.56952G	48.11	54.00	-5.89	13.33	3	Vertical	110	1.73	-
PK	17.35436G	64.06	68.20	-4.14	20.41	3	Vertical	98	1.53	-

11a-10M_Nss1,(6Mbps)_2TX

5785MHz_TX

13/04/2018



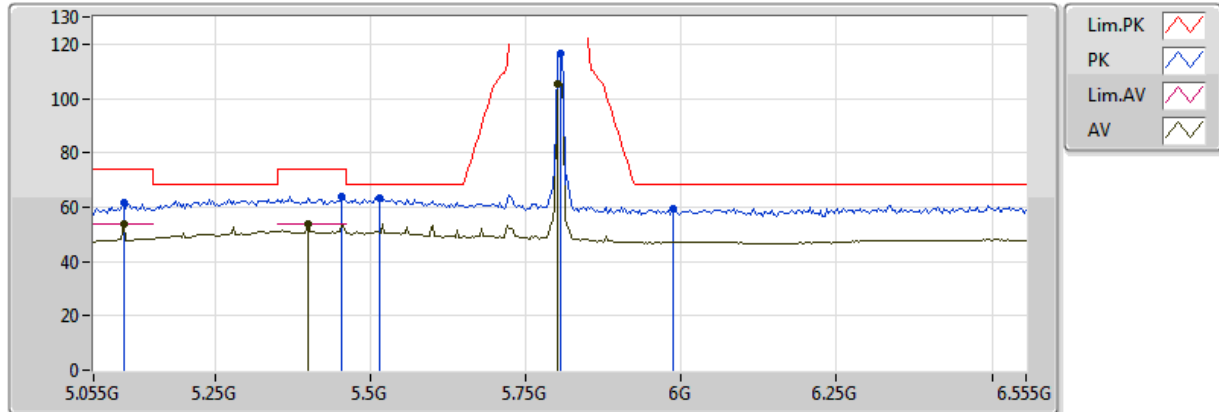
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.5689G	67.64	74.00	-6.36	13.33	3	Horizontal	56	1.76	-
AV	11.5689G	53.48	54.00	-0.52	13.33	3	Horizontal	56	1.76	-
PK	17.35868G	63.70	68.20	-4.50	20.42	3	Horizontal	15	1.34	-

11a-10M_Nss1,(6Mbps)_2TX

5805MHz_TX

13/04/2018



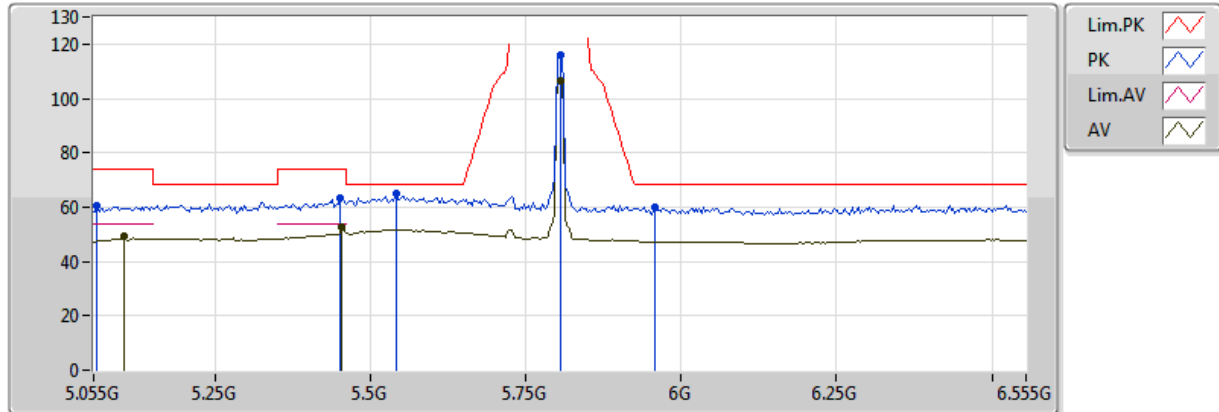
20180411
EUT_X_2TX
Setting 18
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.103G	61.65	74.00	-12.35	4.84	3	Vertical	183	1.01	-
AV	5.103G	53.80	54.00	-0.20	4.84	3	Vertical	183	1.01	-
PK	5.454G	63.82	74.00	-10.18	5.90	3	Vertical	183	1.01	-
AV	5.4G	53.94	54.00	-0.06	5.79	3	Vertical	183	1.01	-
PK	5.514G	63.10	68.20	-5.10	6.04	3	Vertical	183	1.01	-
PK	5.805G	116.66	Inf	-Inf	7.11	3	Vertical	183	1.01	-
AV	5.802G	105.49	Inf	-Inf	7.10	3	Vertical	183	1.01	-
PK	5.988G	59.50	68.20	-8.70	7.46	3	Vertical	183	1.01	-

11a-10M_Nss1,(6Mbps)_2TX

5805MHz_TX

13/04/2018



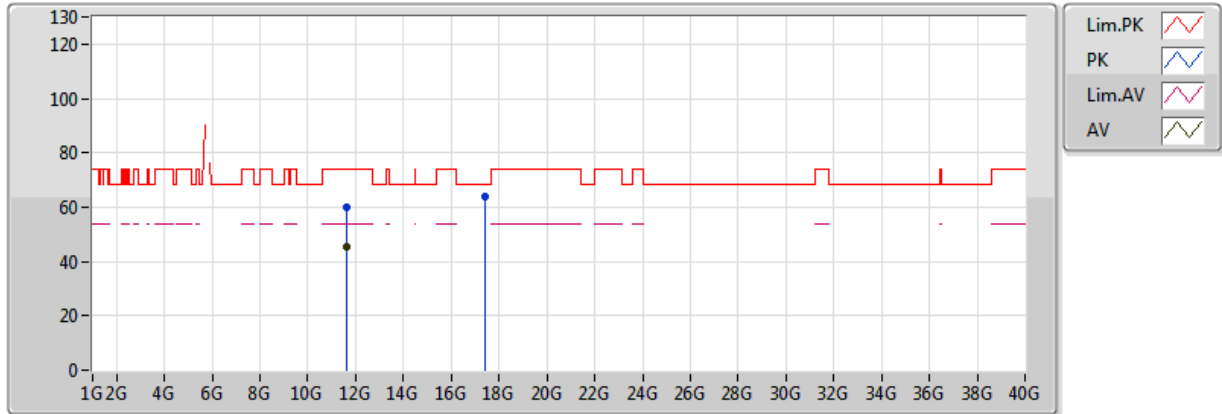
20180411
EUT_X_2TX
Setting 18
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.061G	60.35	74.00	-13.65	4.79	3	Horizontal	181	2.17	-
AV	5.103G	49.43	54.00	-4.57	4.84	3	Horizontal	181	2.17	-
PK	5.451G	63.28	74.00	-10.72	5.90	3	Horizontal	181	2.17	-
AV	5.454G	52.59	54.00	-1.41	5.90	3	Horizontal	181	2.17	-
PK	5.541G	64.93	68.20	-3.27	6.10	3	Horizontal	181	2.17	-
PK	5.805G	116.24	Inf	-Inf	7.11	3	Horizontal	181	2.17	-
AV	5.805G	106.22	Inf	-Inf	7.11	3	Horizontal	181	2.17	-
PK	5.958G	60.18	68.20	-8.02	7.40	3	Horizontal	181	2.17	-

11a-10M_Nss1,(6Mbps)_2TX

5805MHz_TX

13/04/2018



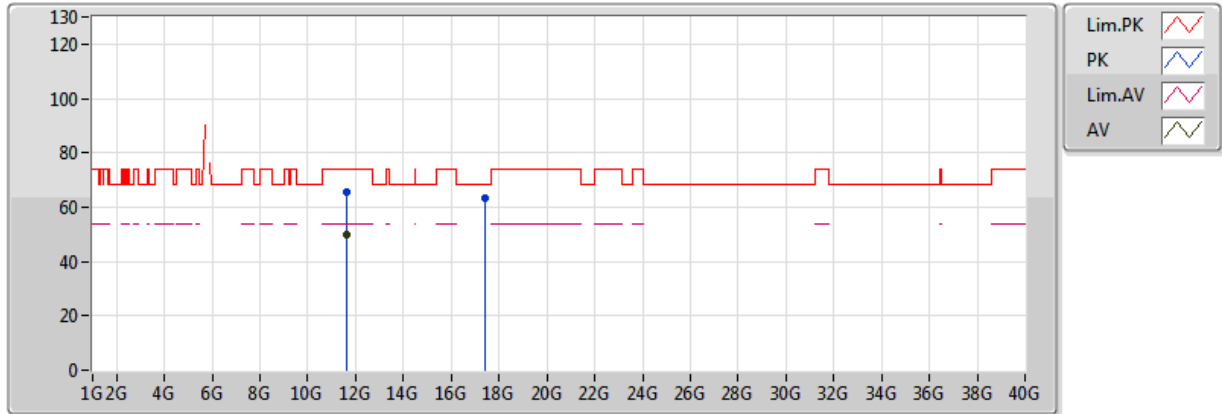
20180411
EUT X_2TX
Setting 18
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.61244G	59.72	74.00	-14.28	13.34	3	Vertical	110	1.73	-
AV	11.60974G	45.14	54.00	-8.86	13.33	3	Vertical	110	1.73	-
PK	17.4191G	63.64	68.20	-4.56	20.57	3	Vertical	68	1.97	-

11a-10M_Nss1,(6Mbps)_2TX

5805MHz_TX

13/04/2018



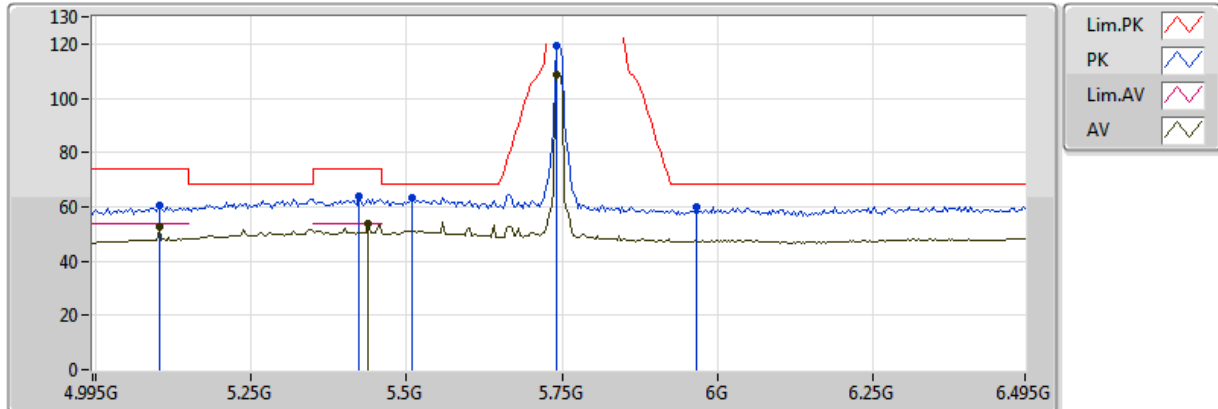
20180411
EUT X_2TX
Setting 18
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.6086G	65.34	74.00	-8.66	13.33	3	Horizontal	58	1.77	-
AV	11.60874G	49.98	54.00	-4.02	13.33	3	Horizontal	58	1.77	-
PK	17.41748G	63.46	68.20	-4.74	20.56	3	Horizontal	48	2.45	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

13/04/2018



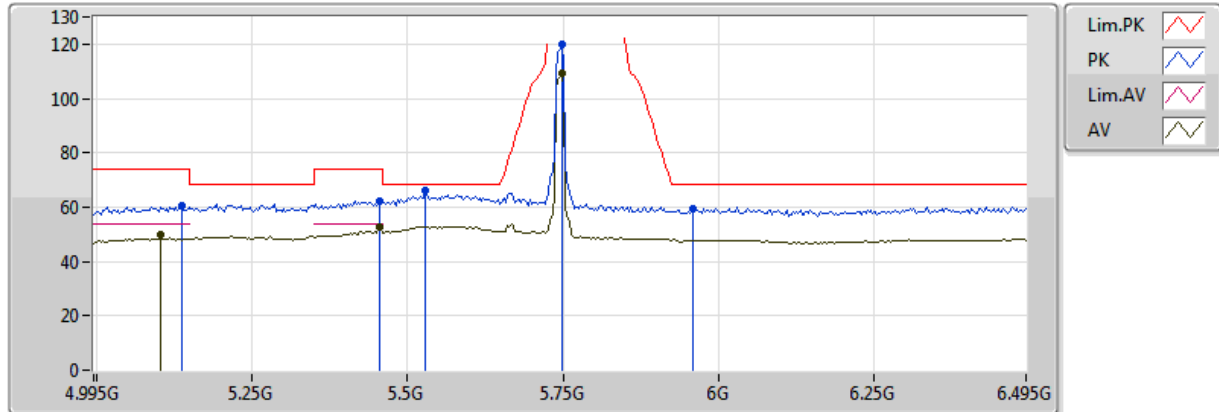
20180411
EUT X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.103G	60.74	74.00	-13.26	4.84	3	Vertical	183	1.03	-
AV	5.103G	52.70	54.00	-1.30	4.84	3	Vertical	183	1.03	-
PK	5.424G	63.70	74.00	-10.30	5.84	3	Vertical	183	1.03	-
AV	5.439G	53.87	54.00	-0.13	5.87	3	Vertical	183	1.03	-
PK	5.508G	63.55	68.20	-4.65	6.02	3	Vertical	183	1.03	-
PK	5.742G	119.38	Inf	-Inf	6.86	3	Vertical	183	1.03	-
AV	5.742G	108.84	Inf	-Inf	6.86	3	Vertical	183	1.03	-
PK	5.967G	59.82	68.20	-8.38	7.42	3	Vertical	183	1.03	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

13/04/2018



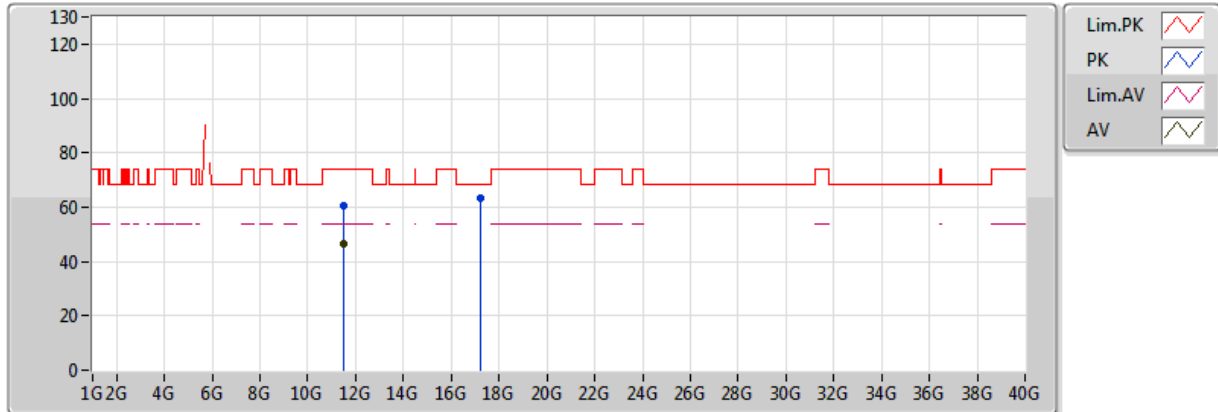
20180411
EUT_X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.136G	60.53	74.00	-13.47	4.81	3	Horizontal	186	1.91	-
AV	5.103G	49.62	54.00	-4.38	4.77	3	Horizontal	186	1.91	-
PK	5.454G	62.40	74.00	-11.60	5.82	3	Horizontal	186	1.91	-
AV	5.454G	52.75	54.00	-1.25	5.81	3	Horizontal	186	1.91	-
PK	5.529G	65.89	68.20	-2.31	5.98	3	Horizontal	186	1.91	-
PK	5.748G	119.94	Inf	-Inf	6.80	3	Horizontal	186	1.91	-
AV	5.748G	109.28	Inf	-Inf	6.80	3	Horizontal	186	1.91	-
PK	5.958G	59.38	68.20	-8.82	7.31	3	Horizontal	186	1.91	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

13/04/2018



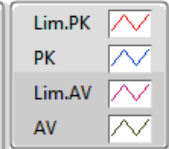
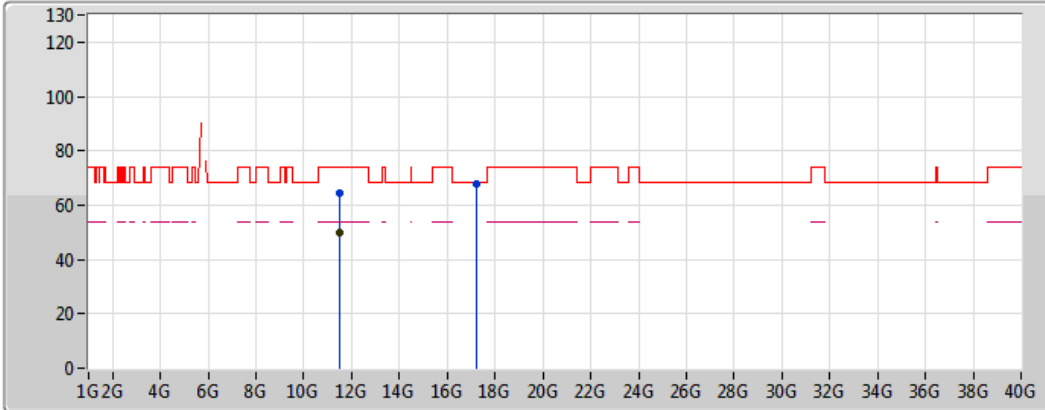
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.48884G	60.31	74.00	-13.69	13.32	3	Vertical	113	1.42	-
AV	11.48924G	46.26	54.00	-7.74	13.32	3	Vertical	113	1.42	-
PK	17.2344G	63.07	68.20	-5.13	20.11	3	Vertical	127	1.54	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

13/04/2018



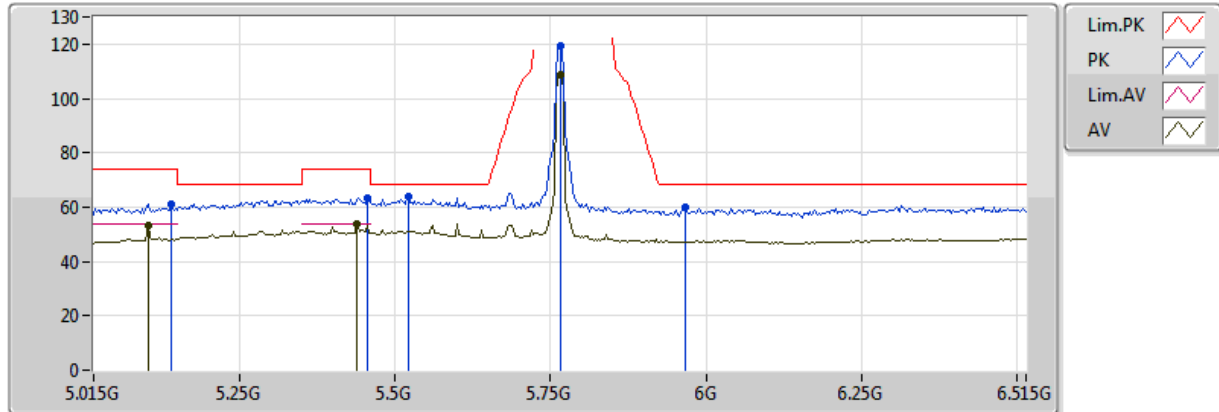
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.49092G	64.20	74.00	-9.80	13.32	3	Horizontal	191	1.60	-
AV	11.49108G	50.02	54.00	-3.98	13.32	3	Horizontal	191	1.60	-
PK	17.23948G	67.98	68.20	-0.22	20.12	3	Horizontal	190	2.64	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

13/04/2018



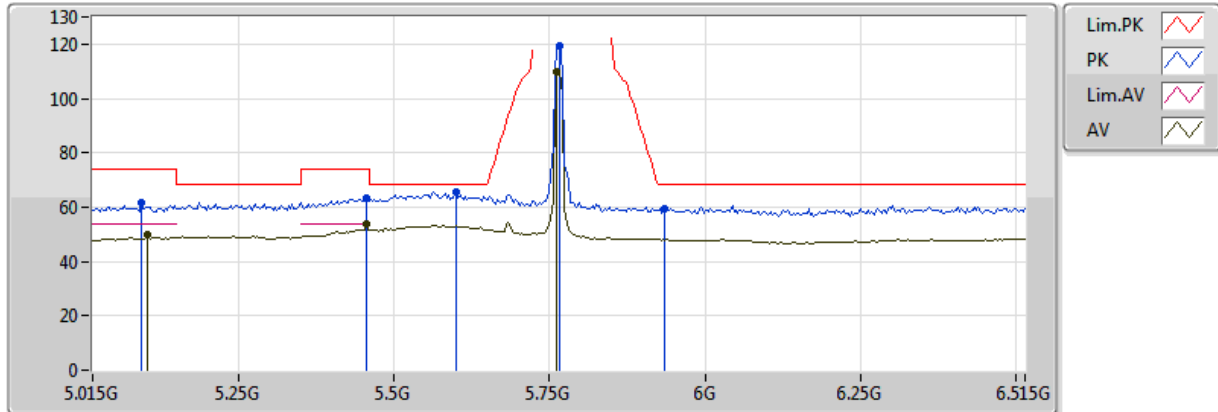
20180411
EUT_X_2TX
Setting 21
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.141G	61.12	74.00	-12.88	4.89	3	Vertical	183	1.16	-
AV	5.102G	53.17	54.00	-0.83	4.84	3	Vertical	183	1.16	-
PK	5.456G	63.46	74.00	-10.54	5.91	3	Vertical	183	1.16	-
AV	5.438G	53.60	54.00	-0.40	5.87	3	Vertical	183	1.16	-
PK	5.522G	63.65	68.20	-4.55	6.06	3	Vertical	183	1.16	-
PK	5.765G	119.39	Inf	-Inf	6.95	3	Vertical	183	1.16	-
AV	5.765G	108.69	Inf	-Inf	6.95	3	Vertical	183	1.16	-
PK	5.966G	59.85	68.20	-8.35	7.41	3	Vertical	183	1.16	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

13/04/2018



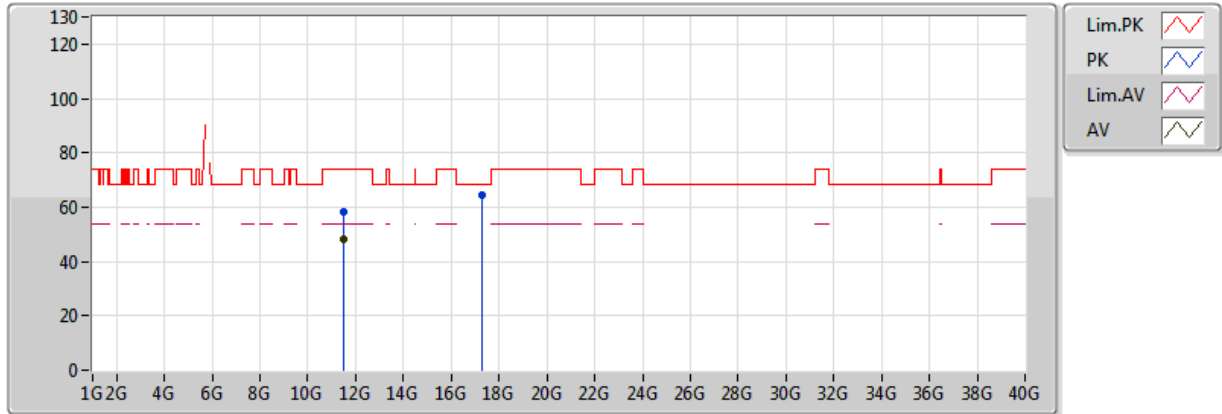
20180411
EUT_X_2TX
Setting 21
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.093G	61.54	74.00	-12.46	4.76	3	Horizontal	186	1.99	-
AV	5.102G	49.63	54.00	-4.37	4.77	3	Horizontal	186	1.99	-
PK	5.456G	63.22	74.00	-10.78	5.82	3	Horizontal	186	1.99	-
AV	5.456G	53.83	54.00	-0.17	5.82	3	Horizontal	186	1.99	-
PK	5.6G	65.59	68.20	-2.61	6.18	3	Horizontal	186	1.99	-
PK	5.765G	119.44	Inf	-Inf	6.87	3	Horizontal	186	1.99	-
AV	5.762G	109.68	Inf	-Inf	6.85	3	Horizontal	186	1.99	-
PK	5.936G	59.51	68.20	-8.69	7.27	3	Horizontal	186	1.99	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

13/04/2018



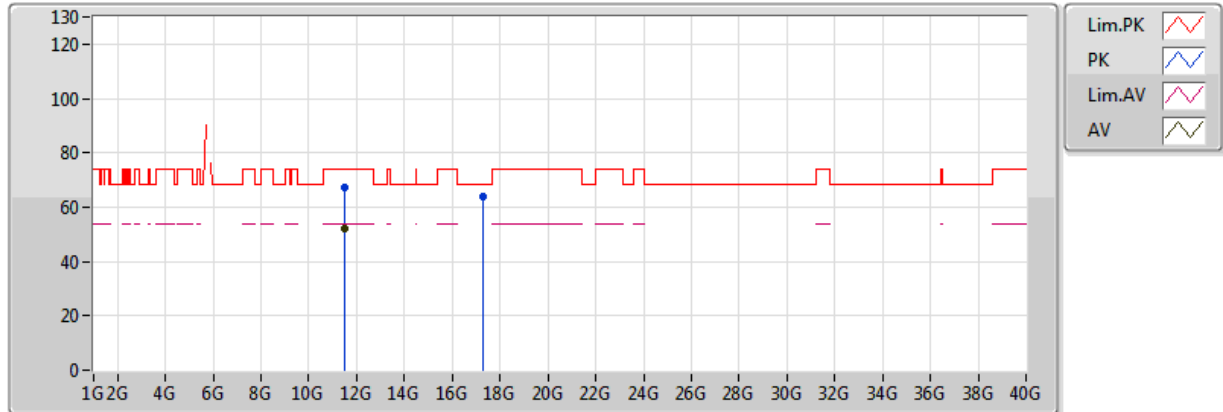
20180411
EUT X_2TX
Setting 21
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.52876G	58.35	74.00	-15.65	13.33	3	Vertical	224	1.64	-
AV	11.52824G	48.23	54.00	-5.77	13.33	3	Vertical	224	1.64	-
PK	17.2984G	64.16	68.20	-4.04	20.27	3	Vertical	203	1.26	-

HT10_Nss1,(MCS0)_2TX

5765MHz_TX

13/04/2018



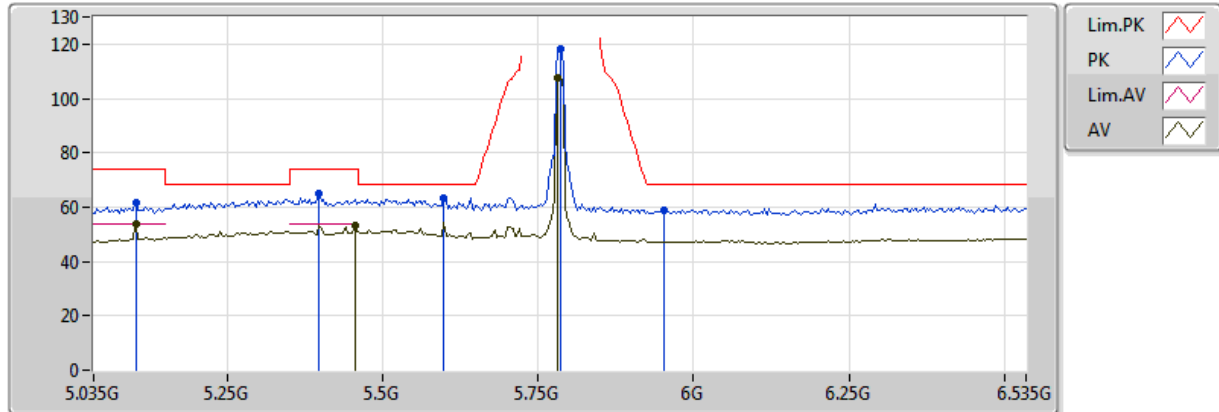
20180411
EUT X_2TX
Setting 21
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.52596G	67.31	74.00	-6.69	13.33	3	Horizontal	51	1.80	-
AV	11.52508G	51.84	54.00	-2.16	13.33	3	Horizontal	51	1.80	-
PK	17.29244G	63.94	68.20	-4.26	20.25	3	Horizontal	101	1.50	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

13/04/2018



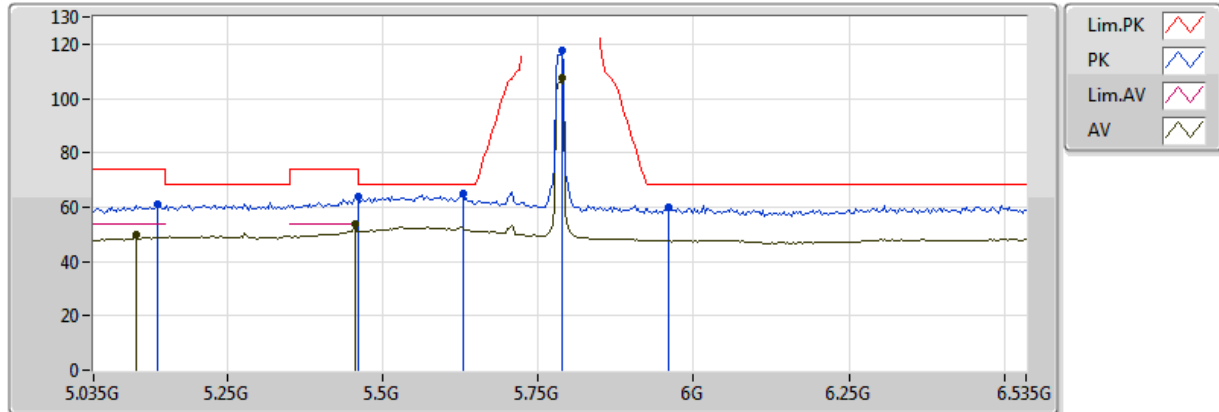
20180411
EUT_X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.104G	61.89	74.00	-12.11	4.84	3	Vertical	182	1.25	-
AV	5.104G	53.60	54.00	-0.40	4.85	3	Vertical	182	1.25	-
PK	5.398G	65.11	74.00	-8.89	5.78	3	Vertical	182	1.25	-
AV	5.455G	53.44	54.00	-0.56	5.91	3	Vertical	182	1.25	-
PK	5.599G	63.53	68.20	-4.67	6.27	3	Vertical	182	1.25	-
PK	5.785G	118.18	Inf	-Inf	7.04	3	Vertical	182	1.25	-
AV	5.782G	107.42	Inf	-Inf	7.02	3	Vertical	182	1.25	-
PK	5.953G	59.11	68.20	-9.09	7.39	3	Vertical	182	1.25	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

13/04/2018



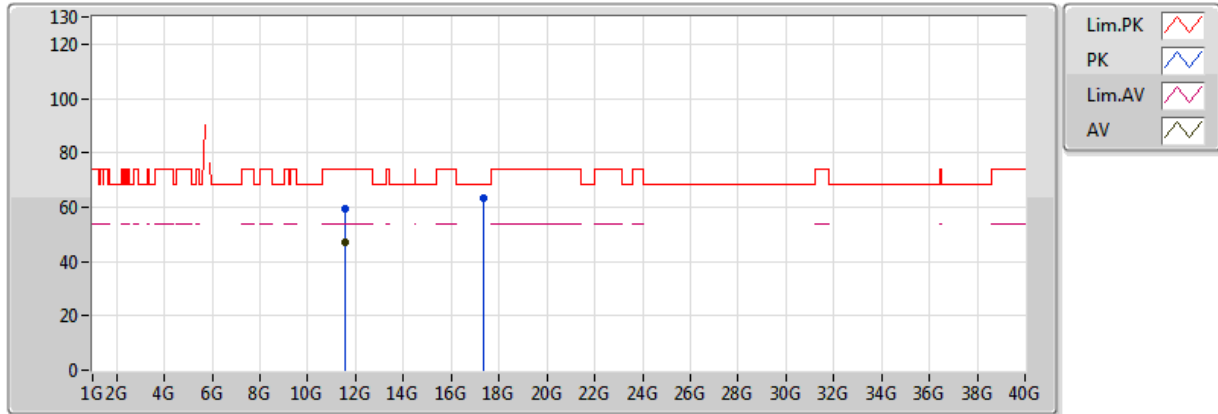
20180411
EUT_X_2TX
Setting 20
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.137G	61.07	74.00	-12.93	4.81	3	Horizontal	180	1.87	-
AV	5.104G	49.80	54.00	-4.20	4.77	3	Horizontal	180	1.87	-
PK	5.459995G	63.93	74.00	-10.07	5.83	3	Horizontal	180	1.87	-
AV	5.455G	53.58	54.00	-0.42	5.81	3	Horizontal	180	1.87	-
PK	5.629G	64.74	68.20	-3.46	6.30	3	Horizontal	180	1.87	-
PK	5.788G	117.59	Inf	-Inf	6.96	3	Horizontal	180	1.87	-
AV	5.788G	107.66	Inf	-Inf	6.96	3	Horizontal	180	1.87	-
PK	5.959G	59.79	68.20	-8.41	7.32	3	Horizontal	180	1.87	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

13/04/2018



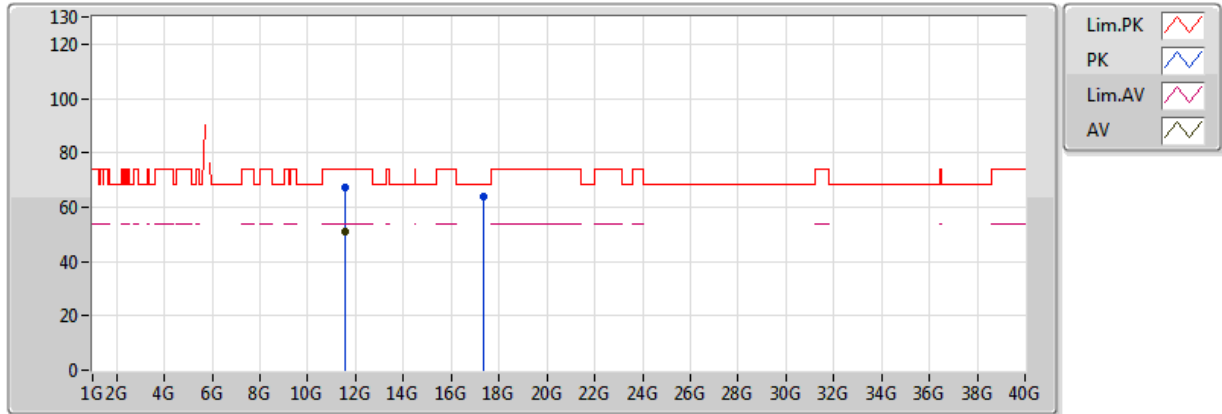
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.56784G	59.51	74.00	-14.49	13.33	3	Vertical	73	2.21	-
AV	11.569G	47.21	54.00	-6.79	13.33	3	Vertical	73	2.21	-
PK	17.34504G	63.24	68.20	-4.96	20.38	3	Vertical	331	1.61	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

13/04/2018



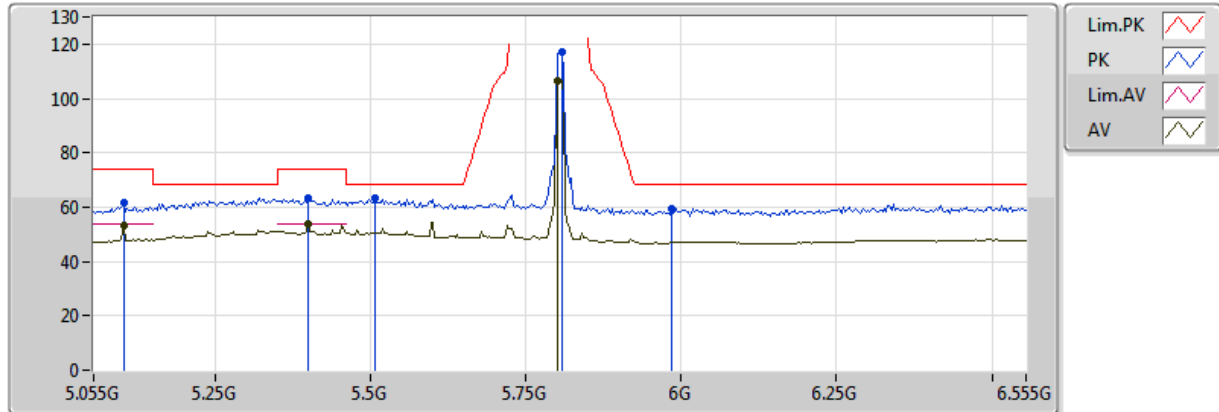
20180411
EUT X_2TX
Setting 20
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.56536G	67.04	74.00	-6.96	13.33	3	Horizontal	43	2.36	-
AV	11.56608G	50.88	54.00	-3.12	13.33	3	Horizontal	43	2.36	-
PK	17.3476G	63.60	68.20	-4.60	20.39	3	Horizontal	57	1.82	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

13/04/2018



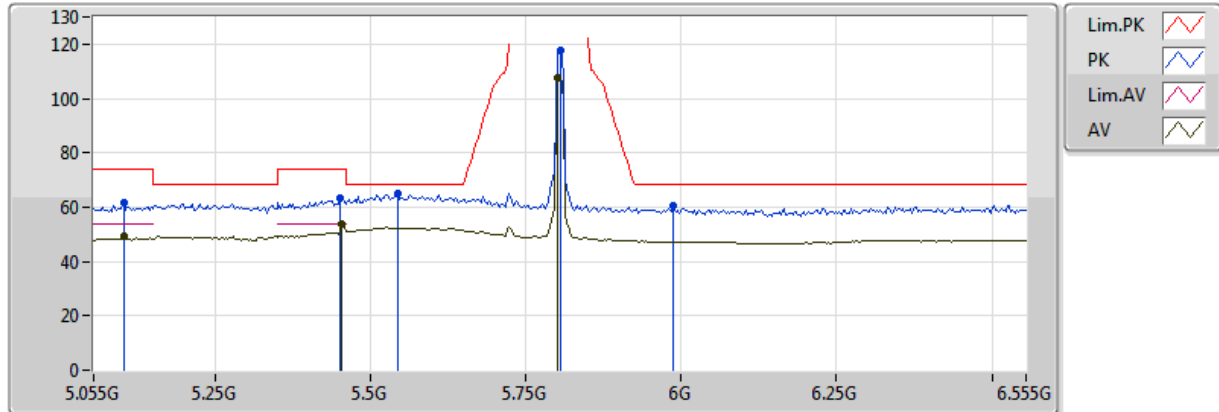
20180411
EUT_X_2TX
Setting 19
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.103G	61.38	74.00	-12.62	4.84	3	Vertical	179	1.01	-
AV	5.103G	53.20	54.00	-0.80	4.84	3	Vertical	179	1.01	-
PK	5.4G	63.11	74.00	-10.89	5.79	3	Vertical	179	1.01	-
AV	5.4G	53.99	54.00	-0.01	5.79	3	Vertical	179	1.01	-
PK	5.508G	63.10	68.20	-5.10	6.02	3	Vertical	179	1.01	-
PK	5.808G	117.22	Inf	-Inf	7.12	3	Vertical	179	1.01	-
AV	5.802G	106.51	Inf	-Inf	7.10	3	Vertical	179	1.01	-
PK	5.985G	59.40	68.20	-8.80	7.45	3	Vertical	179	1.01	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

13/04/2018



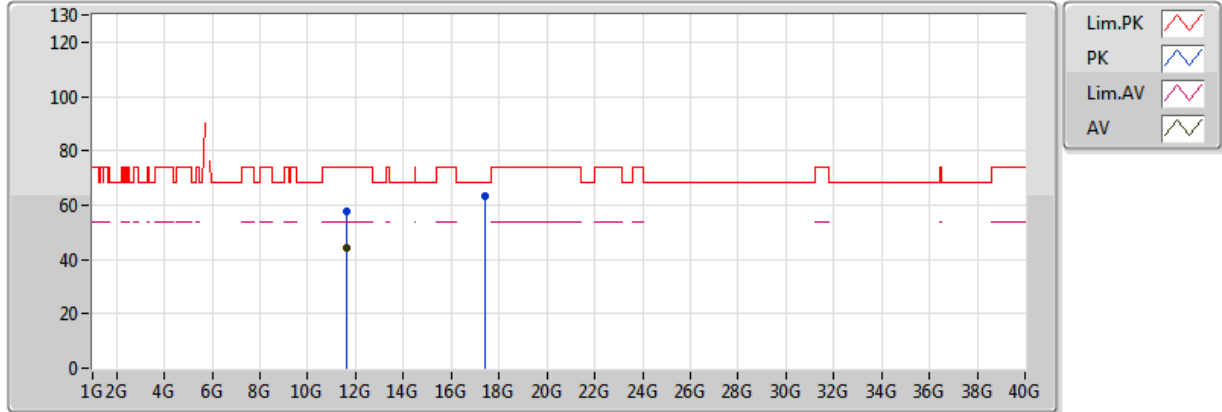
20180411
EUT_X_2TX
Setting 19
01-G-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.103G	61.68	74.00	-12.32	4.77	3	Horizontal	180	1.96	-
AV	5.103G	49.42	54.00	-4.58	4.77	3	Horizontal	180	1.96	-
PK	5.451G	63.53	74.00	-10.47	5.81	3	Horizontal	180	1.96	-
AV	5.454G	53.86	54.00	-0.14	5.81	3	Horizontal	180	1.96	-
PK	5.544G	64.76	68.20	-3.44	6.02	3	Horizontal	180	1.96	-
PK	5.805G	117.92	Inf	-Inf	7.02	3	Horizontal	180	1.96	-
AV	5.802G	107.55	Inf	-Inf	7.01	3	Horizontal	180	1.96	-
PK	5.988G	60.43	68.20	-7.77	7.38	3	Horizontal	180	1.96	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

13/04/2018



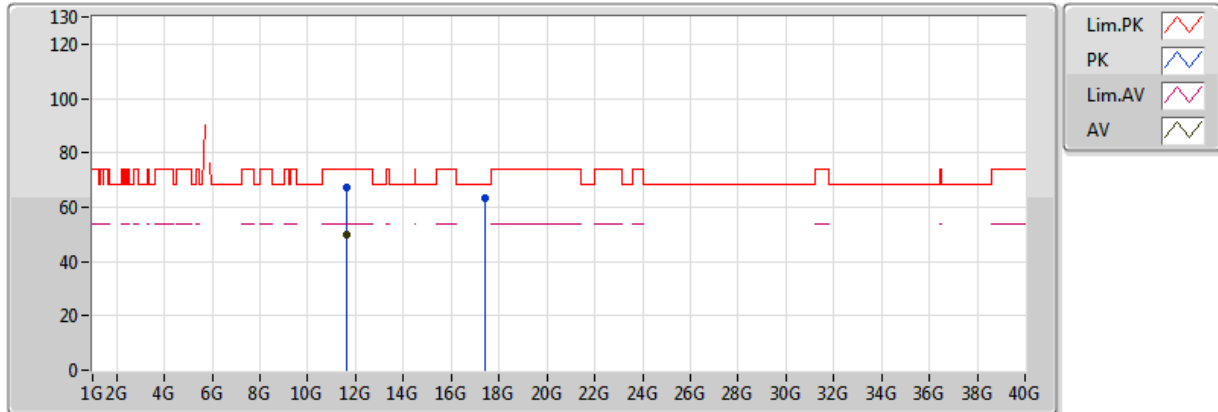
20180411
EUT X_2TX
Setting 19
01-G-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.60732G	57.67	74.00	-16.33	13.33	3	Vertical	33	2.02	-
AV	11.60788G	44.12	54.00	-9.88	13.33	3	Vertical	33	2.02	-
PK	17.40732G	63.58	68.20	-4.62	20.54	3	Vertical	123	1.51	-

HT10_Nss1,(MCS0)_2TX

5805MHz_TX

13/04/2018



20180411
EUT X_2TX
Setting 19
01-G-2
FSP(100080)

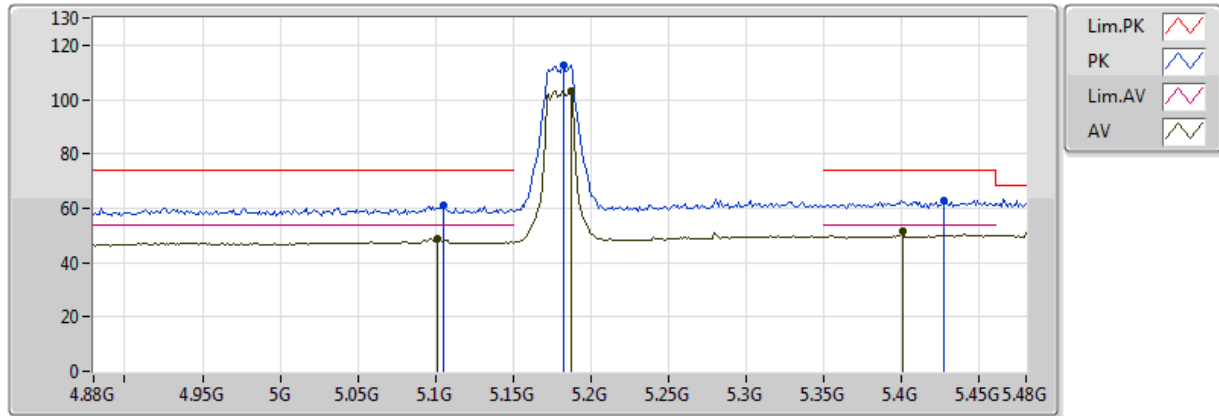
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.60628G	67.07	74.00	-6.93	13.33	3	Horizontal	52	1.78	-
AV	11.60584G	49.67	54.00	-4.33	13.33	3	Horizontal	52	1.78	-
PK	17.40668G	63.59	68.20	-4.61	20.54	3	Horizontal	254	1.05	-

**For 20MHz bandwidth and 40MHz bandwidth:****For Mode 1:****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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	AV	5.439G	53.73	54.00	-0.27	6.01	3	H	1	1.66	-

802.11a_(6Mbps)_2TX

5180MHz_TX

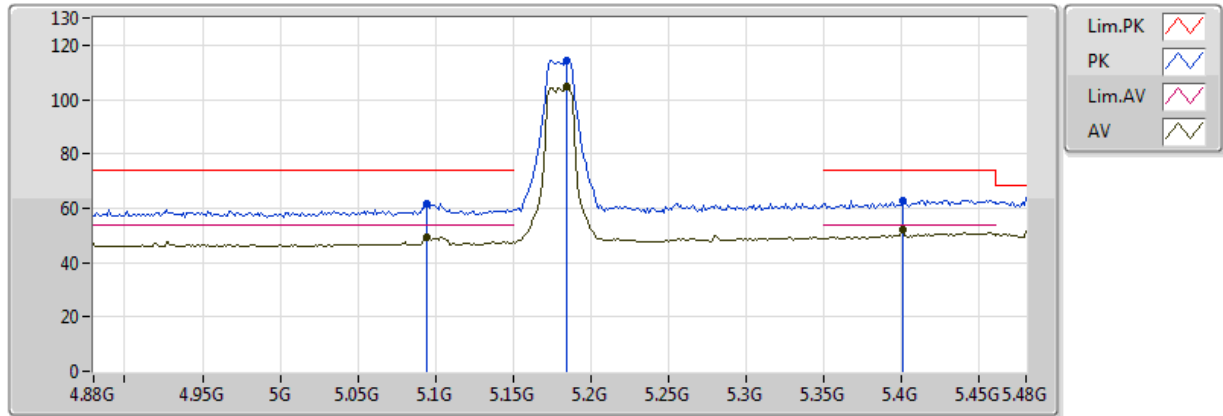


20170512
EUT_X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1008G	48.53	54.00	-5.47	5.34	3	V	0	1.38	-
AV	5.1872G	103.25	Inf	-Inf	5.52	3	V	0	1.38	-
AV	5.4008G	51.37	54.00	-2.63	5.91	3	V	0	1.38	-
PK	5.1056G	60.92	74.00	-13.08	5.35	3	V	0	1.38	-
PK	5.1824G	112.47	Inf	-Inf	5.51	3	V	0	1.38	-
PK	5.4272G	62.83	74.00	-11.17	5.98	3	V	0	1.38	-

802.11a_(6Mbps)_2TX

5180MHz_TX

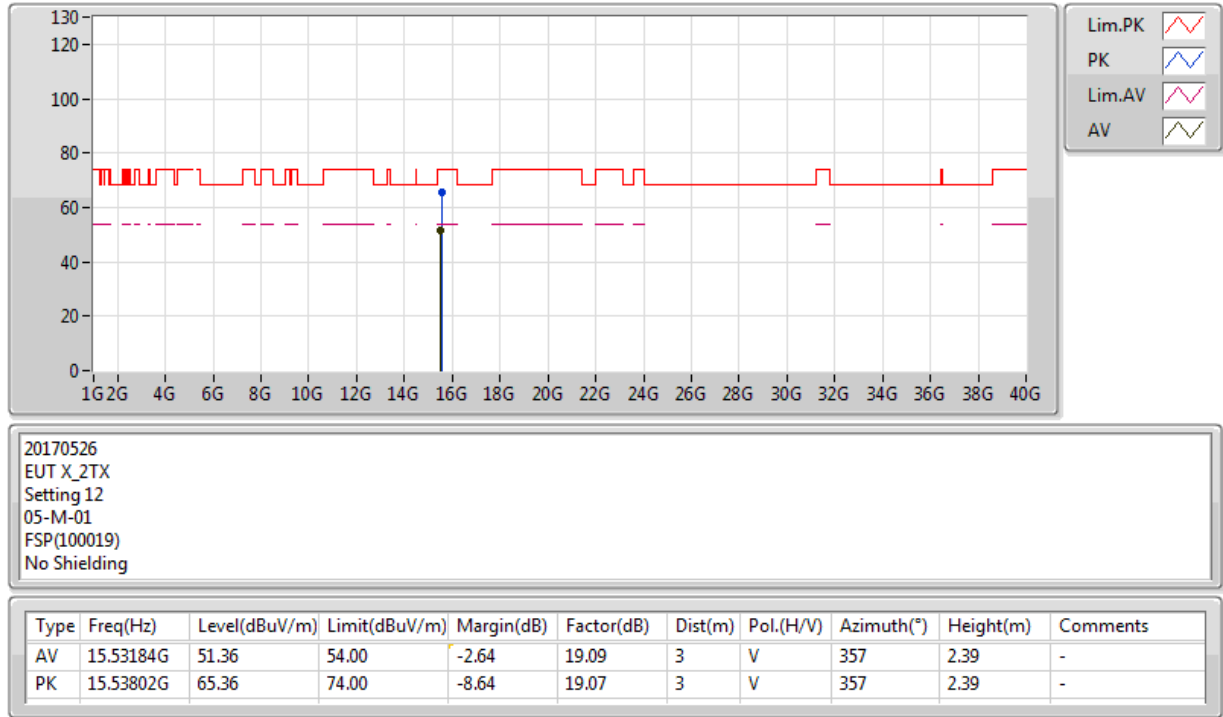


20170512
EUT_X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0948G	49.20	54.00	-4.80	5.33	3	H	0	1.70	-
AV	5.1848G	105.00	Inf	-Inf	5.52	3	H	0	1.70	-
AV	5.4008G	52.21	54.00	-1.79	5.91	3	H	0	1.70	-
PK	5.0948G	61.75	74.00	-12.25	5.33	3	H	0	1.70	-
PK	5.1848G	114.55	Inf	-Inf	5.52	3	H	0	1.70	-
PK	5.4008G	62.81	74.00	-11.19	5.91	3	H	0	1.70	-

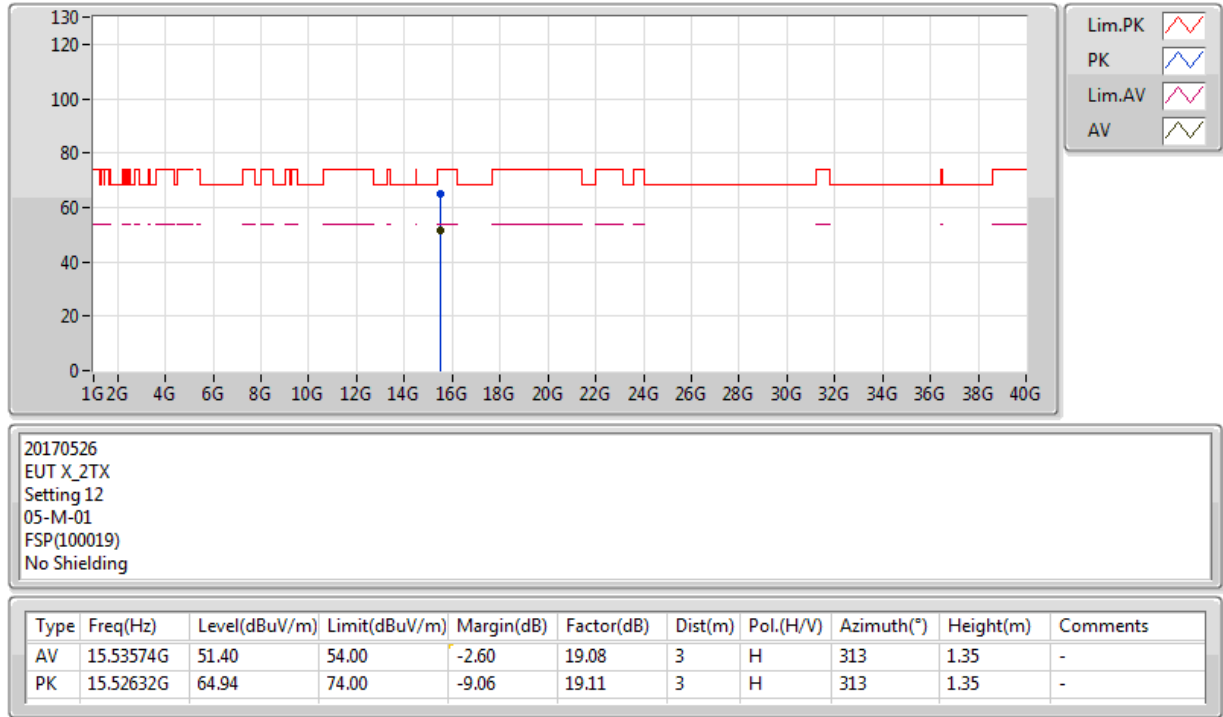
802.11a_(6Mbps)_2TX

5180MHz_TX



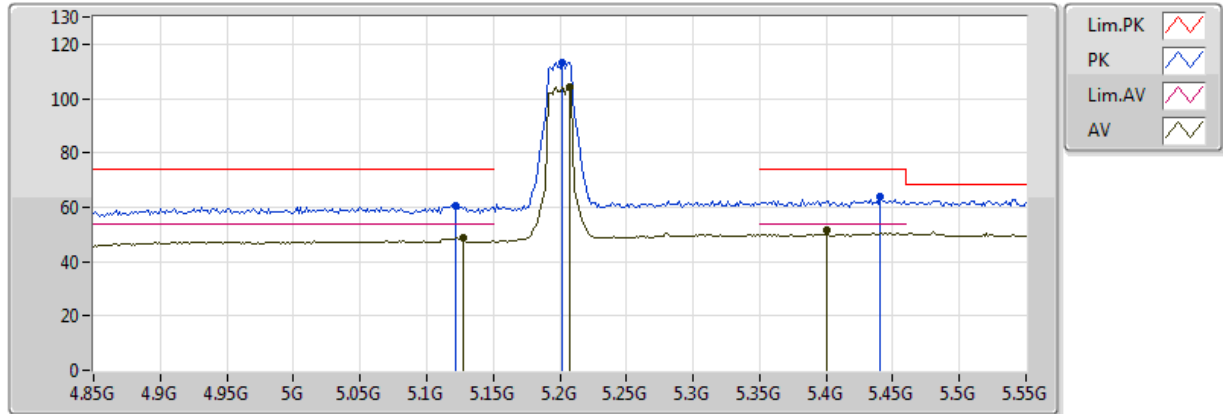
802.11a_(6Mbps)_2TX

5180MHz_TX



802.11a_(6Mbps)_2TX

5200MHz_TX

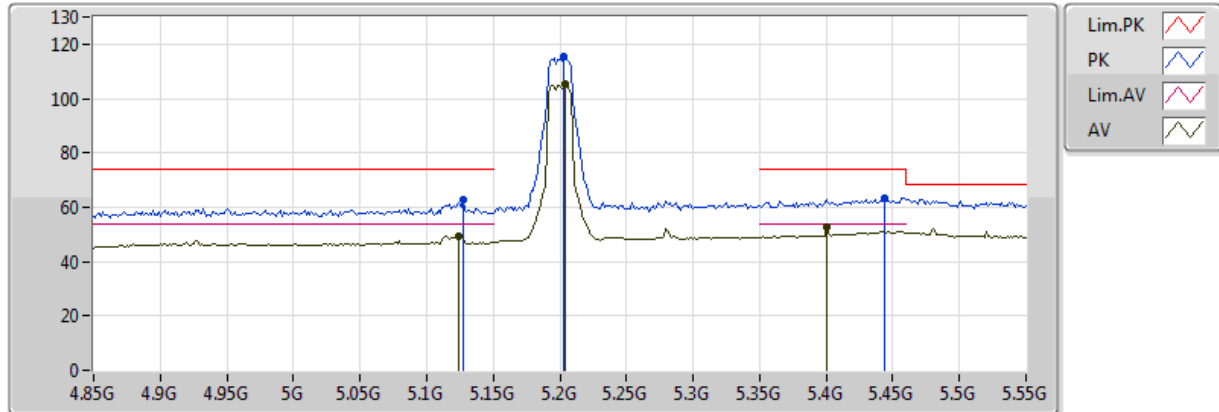


20170512
EUT X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1272G	48.87	54.00	-5.13	5.40	3	V	0	1.42	-
AV	5.207G	104.11	Inf	-Inf	5.56	3	V	0	1.42	-
AV	5.4002G	51.40	54.00	-2.60	5.91	3	V	0	1.42	-
PK	5.1216G	60.64	74.00	-13.36	5.39	3	V	0	1.42	-
PK	5.2014G	113.04	Inf	-Inf	5.55	3	V	0	1.42	-
PK	5.4408G	64.12	74.00	-9.88	6.01	3	V	0	1.42	-

802.11a_(6Mbps)_2TX

5200MHz_TX

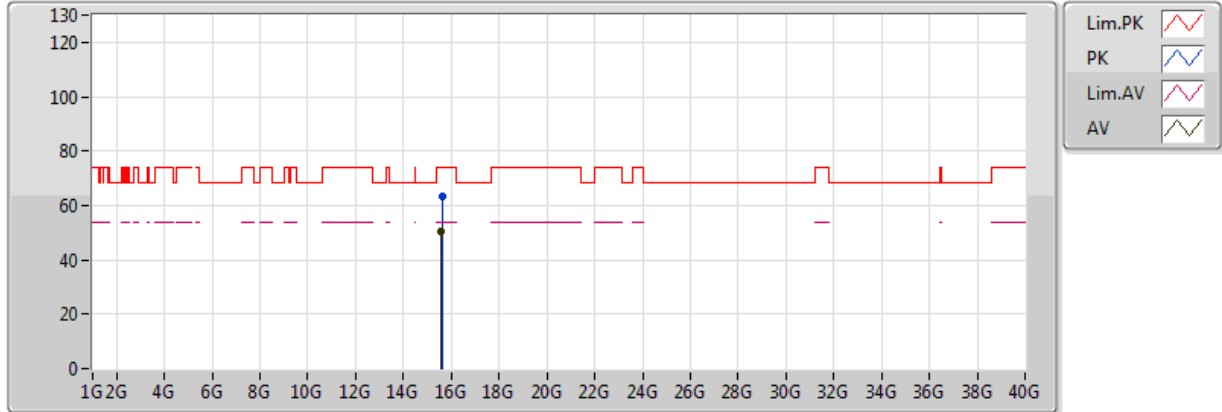


20170512
EUT X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1244G	49.19	54.00	-4.81	5.39	3	H	0	1.69	-
AV	5.2042G	105.34	Inf	-Inf	5.56	3	H	0	1.69	-
AV	5.4002G	52.49	54.00	-1.51	5.91	3	H	0	1.69	-
PK	5.1272G	62.73	74.00	-11.27	5.40	3	H	0	1.69	-
PK	5.2028G	115.58	Inf	-Inf	5.56	3	H	0	1.69	-
PK	5.4436G	63.59	74.00	-10.41	6.02	3	H	0	1.69	-

802.11a_(6Mbps)_2TX

5200MHz_TX

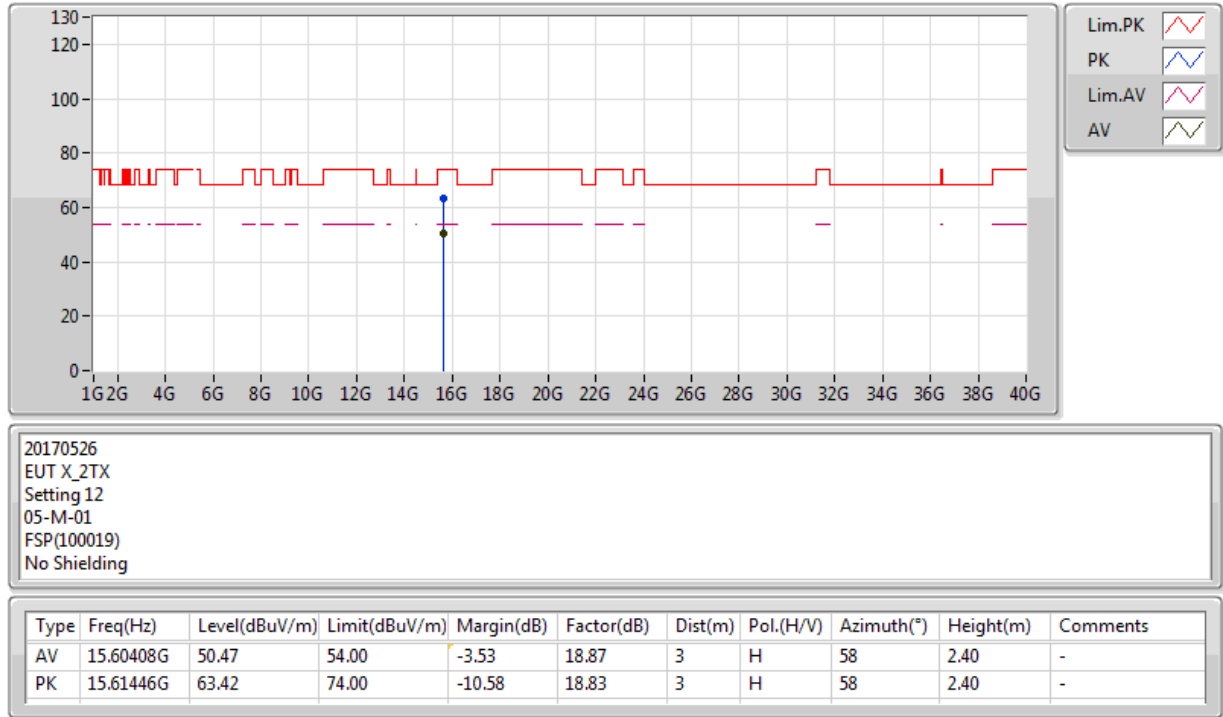


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.58722G	50.39	54.00	-3.61	18.92	3	V	330	1.40	-
PK	15.60426G	63.35	74.00	-10.65	18.86	3	V	330	1.40	-

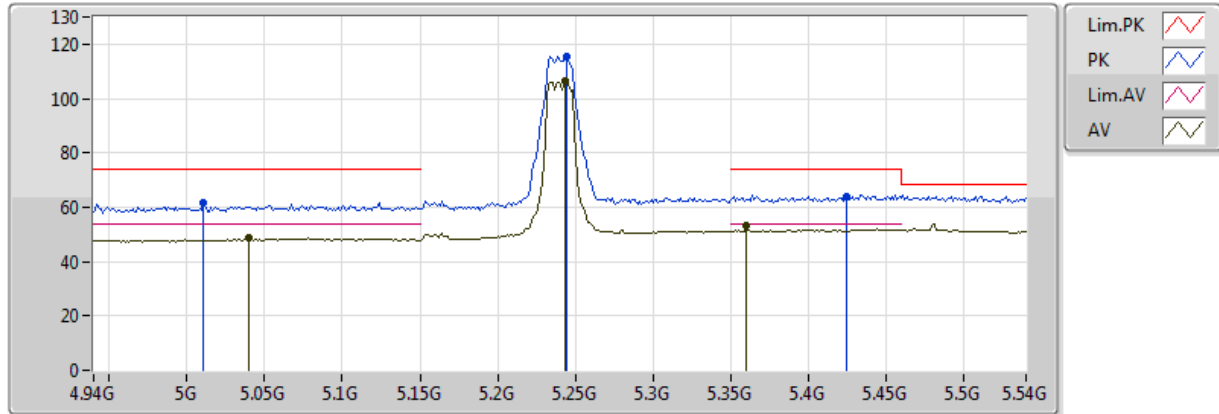
802.11a_(6Mbps)_2TX

5200MHz_TX



802.11a_(6Mbps)_2TX

5240MHz_TX

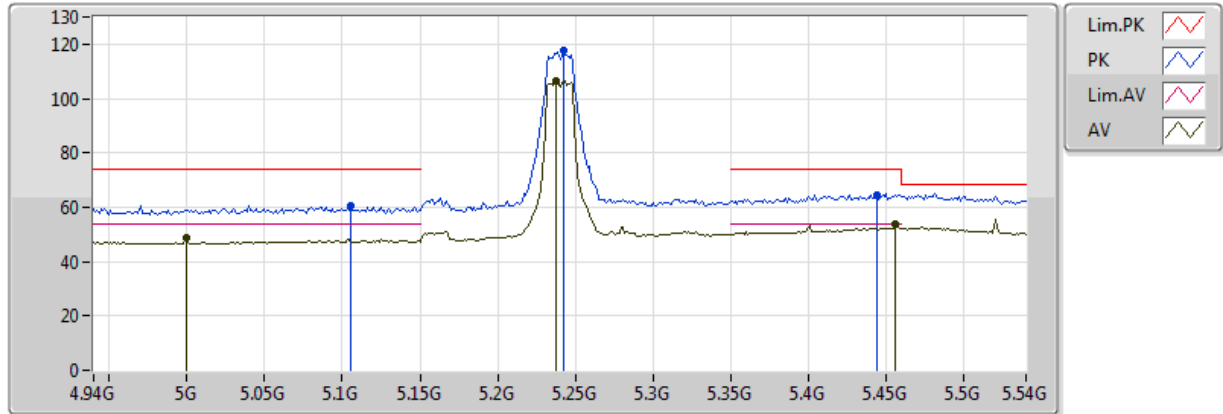


20170512
EUT X_2TX
Setting 13.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0396G	48.95	54.00	-5.05	5.11	3	V	1	1.42	-
AV	5.2436G	106.21	Inf	-Inf	5.63	3	V	1	1.42	-
AV	5.36G	52.98	54.00	-1.02	5.88	3	V	1	1.42	-
PK	5.0108G	61.46	74.00	-12.54	5.03	3	V	1	1.42	-
PK	5.2448G	115.51	Inf	-Inf	5.64	3	V	1	1.42	-
PK	5.4248G	63.90	74.00	-10.10	5.97	3	V	1	1.42	-

802.11a_(6Mbps)_2TX

5240MHz_TX

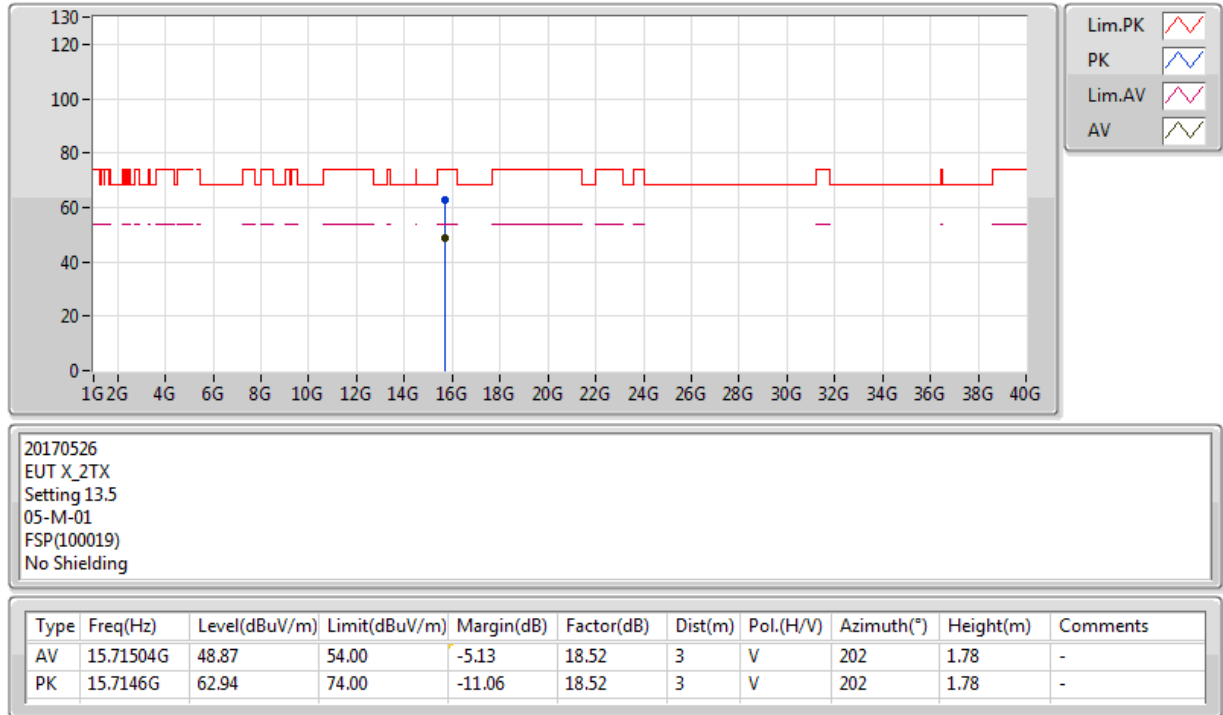


20170512
EUT X_2TX
Setting 13.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5G	48.63	54.00	-5.37	5.00	3	H	359	1.66	-
AV	5.2376G	106.67	Inf	-Inf	5.62	3	H	359	1.66	-
AV	5.456G	53.55	54.00	-0.45	6.13	3	H	359	1.66	-
PK	5.1056G	60.66	74.00	-13.34	5.30	3	H	359	1.66	-
PK	5.2424G	117.47	Inf	-Inf	5.63	3	H	359	1.66	-
PK	5.444G	64.70	74.00	-9.30	6.02	3	H	359	1.66	-

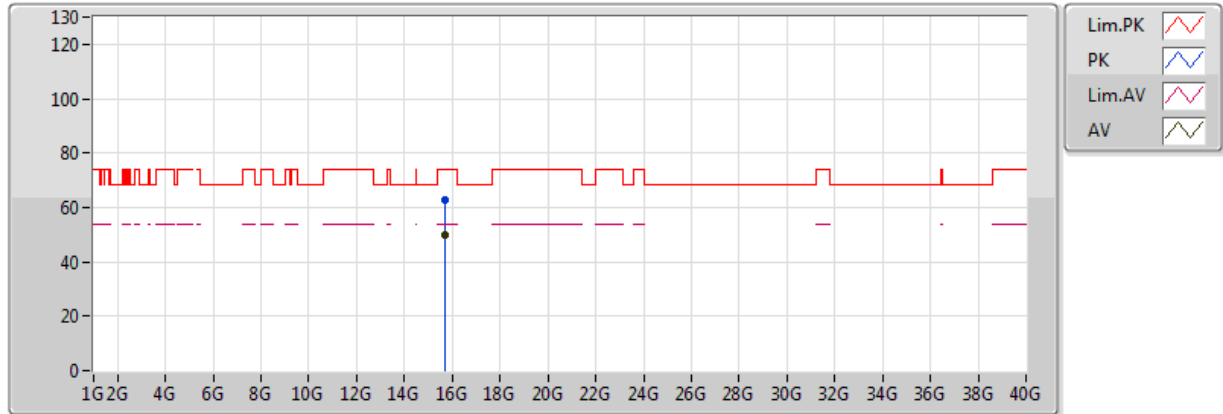
802.11a_(6Mbps)_2TX

5240MHz_TX



802.11a_(6Mbps)_2TX

5240MHz_TX

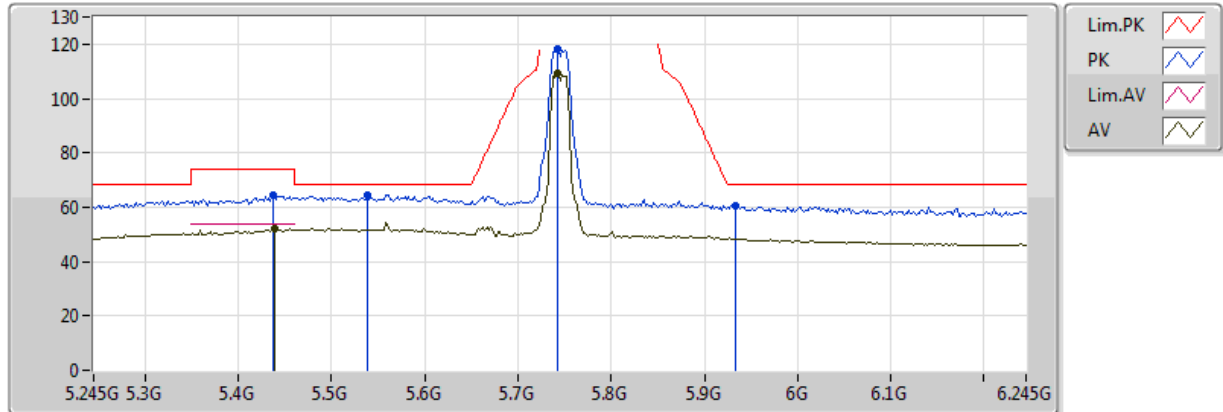


20170526
EUT X_2TX
Setting 13.5
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72784G	49.90	54.00	-4.10	18.48	3	H	288	1.80	-
PK	15.71004G	62.57	74.00	-11.43	18.53	3	H	288	1.80	-

802.11a_(6Mbps)_2TX

5745MHz_TX

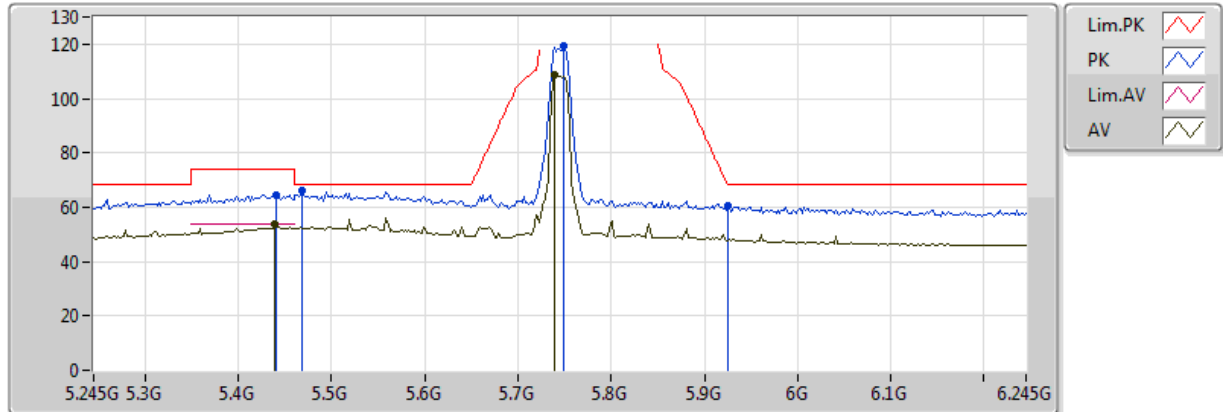


20170512
EUT X_2TX
Setting 12.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	52.16	54.00	-1.84	6.01	3	V	1	1.50	-
AV	5.743G	109.33	Inf	-Inf	6.25	3	V	1	1.50	-
PK	5.539G	64.43	68.20	-3.77	6.19	3	V	1	1.50	-
PK	5.743G	118.33	Inf	-Inf	6.25	3	V	1	1.50	-
PK	5.933G	60.51	68.20	-7.69	6.18	3	V	1	1.50	-
PK	5.437G	64.37	74.00	-9.63	6.00	3	V	1	1.50	-

802.11a_(6Mbps)_2TX

5745MHz_TX

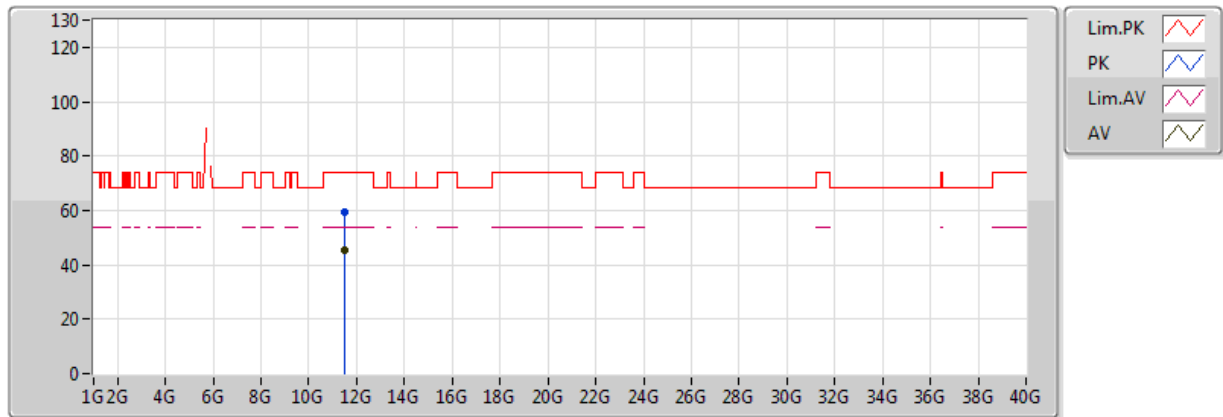


20170512
EUT_X_2TX
Setting 12.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	53.68	54.00	-0.32	6.01	3	H	0	1.72	-
AV	5.739G	108.49	Inf	-Inf	6.25	3	H	0	1.72	-
PK	5.441G	64.60	74.00	-9.40	6.01	3	H	0	1.72	-
PK	5.469G	66.02	68.20	-2.18	6.08	3	H	0	1.72	-
PK	5.749G	119.34	Inf	-Inf	6.25	3	H	0	1.72	-
PK	5.925G	60.39	68.20	-7.81	6.19	3	H	0	1.72	-

802.11a_(6Mbps)_2TX

5745MHz_TX

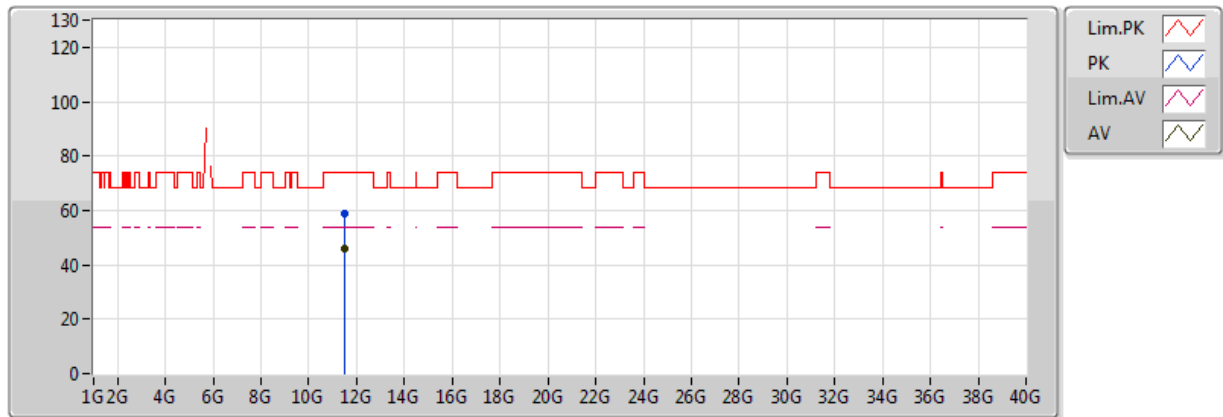


20170526
EUT_X_2TX
Setting 12.5
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48292G	45.29	54.00	-8.71	18.00	3	V	83	2.42	-
PK	11.49512G	59.38	74.00	-14.62	17.99	3	V	83	2.42	-

802.11a_(6Mbps)_2TX

5745MHz_TX

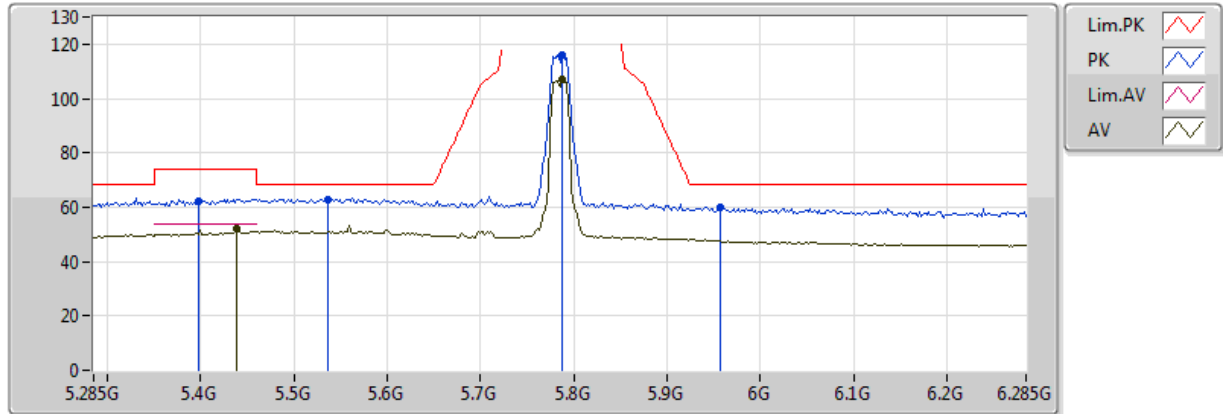


20170526
EUT X_2TX
Setting 12.5
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49912G	45.86	54.00	-8.14	17.99	3	H	278	1.38	-
PK	11.49176G	58.93	74.00	-15.07	17.99	3	H	278	1.38	-

802.11a_(6Mbps)_2TX

5785MHz_TX

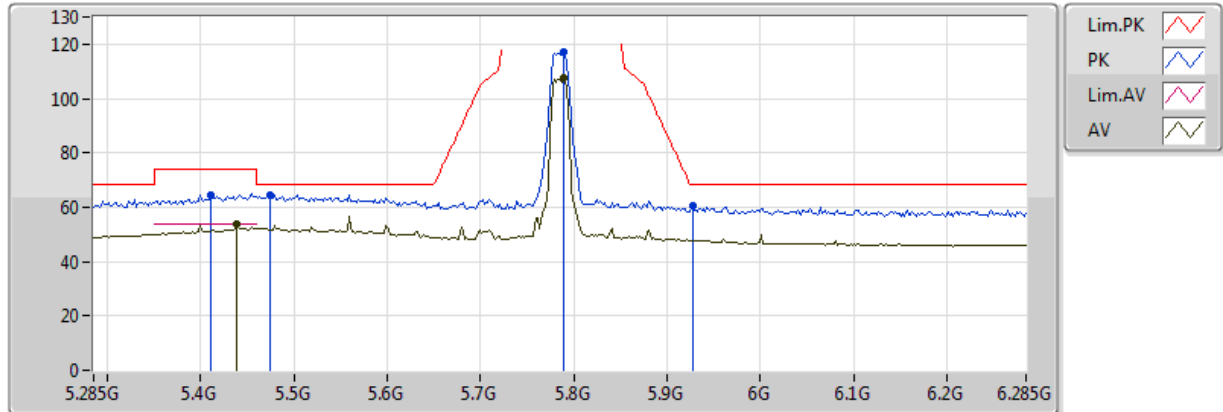


20170512
EUT X_2TX
Setting 10
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	51.95	54.00	-2.05	6.01	3	V	0	1.50	-
AV	5.787G	106.99	Inf	-Inf	6.25	3	V	0	1.50	-
PK	5.397G	62.19	74.00	-11.81	5.90	3	V	0	1.50	-
PK	5.537G	62.99	68.20	-5.21	6.19	3	V	0	1.50	-
PK	5.787G	116.18	Inf	-Inf	6.25	3	V	0	1.50	-
PK	5.957G	59.97	68.20	-8.23	6.17	3	V	0	1.50	-

802.11a_(6Mbps)_2TX

5785MHz_TX

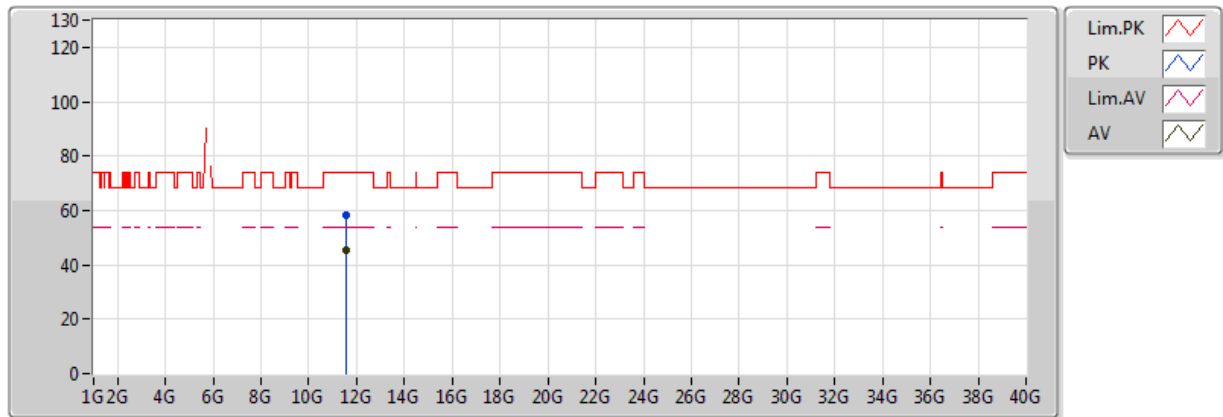


20170512
EUT X_2TX
Setting 10
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	53.73	54.00	-0.27	6.01	3	H	1	1.66	-
AV	5.789G	107.46	Inf	-Inf	6.25	3	H	1	1.66	-
PK	5.411G	64.64	74.00	-9.36	5.94	3	H	1	1.66	-
PK	5.475G	64.61	68.20	-3.59	6.10	3	H	1	1.66	-
PK	5.789G	117.05	Inf	-Inf	6.25	3	H	1	1.66	-
PK	5.927G	60.62	68.20	-7.58	6.19	3	H	1	1.66	-

802.11a_(6Mbps)_2TX

5785MHz_TX

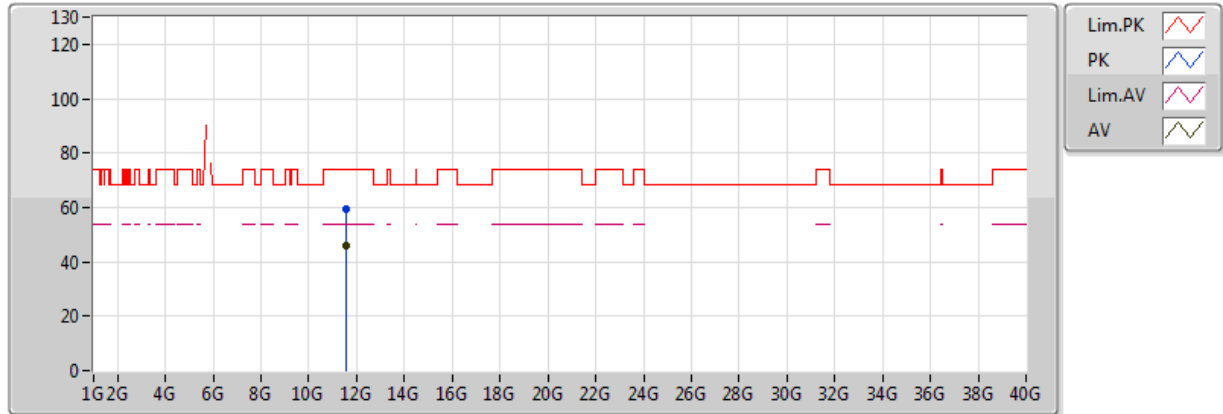


20170526
EUT X_2TX
Setting 10
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.564G	45.36	54.00	-8.64	17.91	3	V	5	1.33	-
PK	11.57784G	58.54	74.00	-15.46	17.89	3	V	5	1.33	-

802.11a_(6Mbps)_2TX

5785MHz_TX

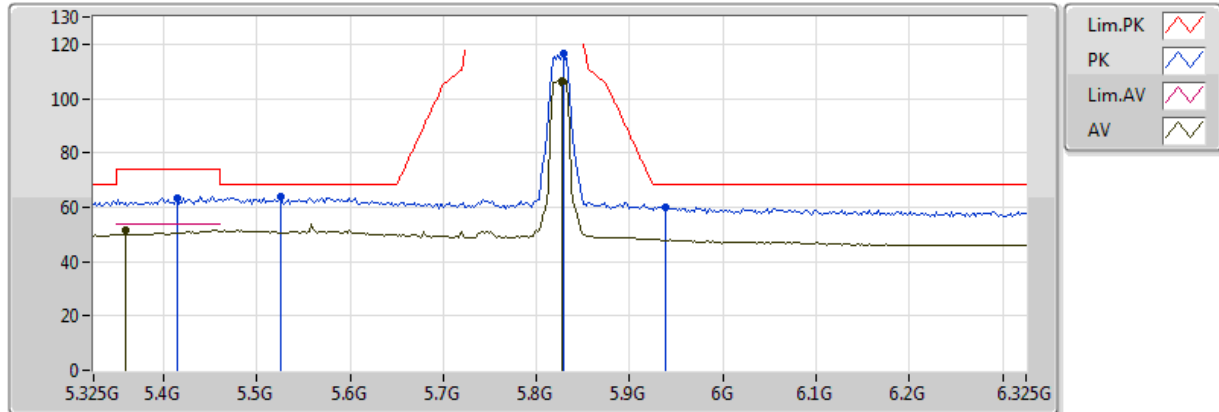


20170526
EUT X_2TX
Setting 10
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57128G	45.67	54.00	-8.33	17.90	3	H	103	1.13	-
PK	11.57184G	59.26	74.00	-14.74	17.90	3	H	103	1.13	-

802.11a_(6Mbps)_2TX

5825MHz_TX

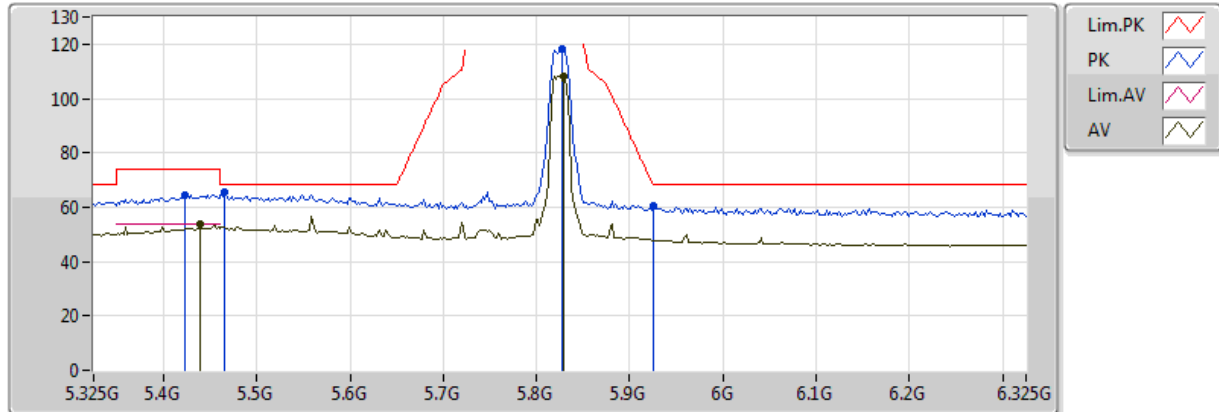


20170512
EUT_X_2TX
Setting 9.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.359G	51.49	54.00	-2.51	5.84	3	V	0	1.47	-
AV	5.827G	106.46	Inf	-Inf	6.24	3	V	0	1.47	-
PK	5.415G	63.55	74.00	-10.45	5.95	3	V	0	1.47	-
PK	5.525G	64.01	68.20	-4.19	6.18	3	V	0	1.47	-
PK	5.829G	116.47	Inf	-Inf	6.24	3	V	0	1.47	-
PK	5.939G	60.20	68.20	-8.00	6.18	3	V	0	1.47	-

802.11a_(6Mbps)_2TX

5825MHz_TX

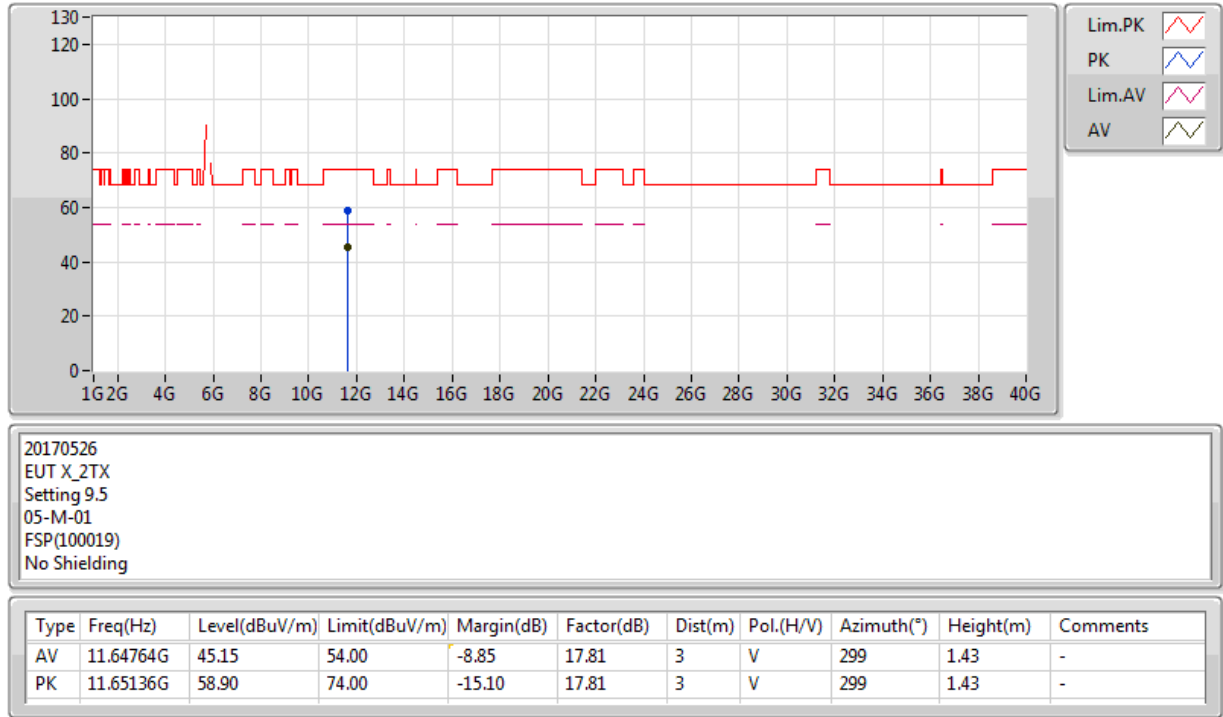


20170512
EUT X_2TX
Setting 9.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	53.63	54.00	-0.37	6.01	3	H	0	1.68	-
AV	5.829G	108.02	Inf	-Inf	6.24	3	H	0	1.68	-
PK	5.423G	64.43	74.00	-9.57	5.97	3	H	0	1.68	-
PK	5.465G	65.69	68.20	-2.51	6.07	3	H	0	1.68	-
PK	5.827G	118.21	Inf	-Inf	6.24	3	H	0	1.68	-
PK	5.925G	60.46	68.20	-7.74	6.19	3	H	0	1.68	-

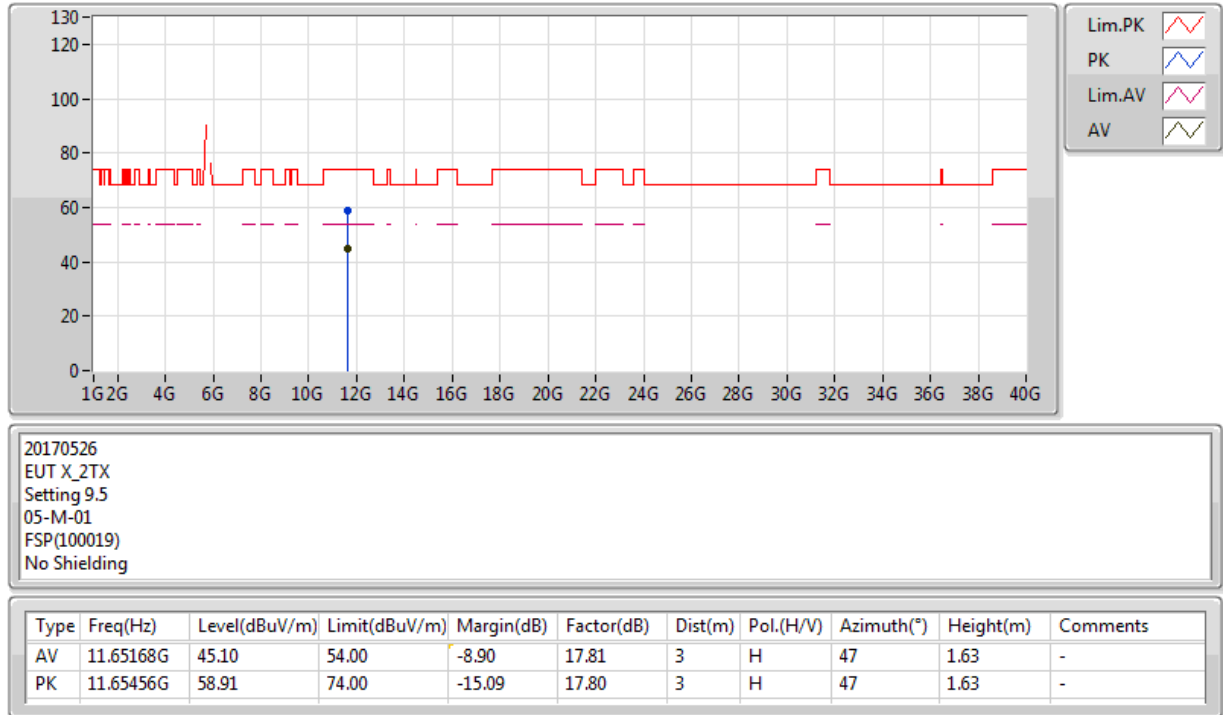
802.11a_(6Mbps)_2TX

5825MHz_TX



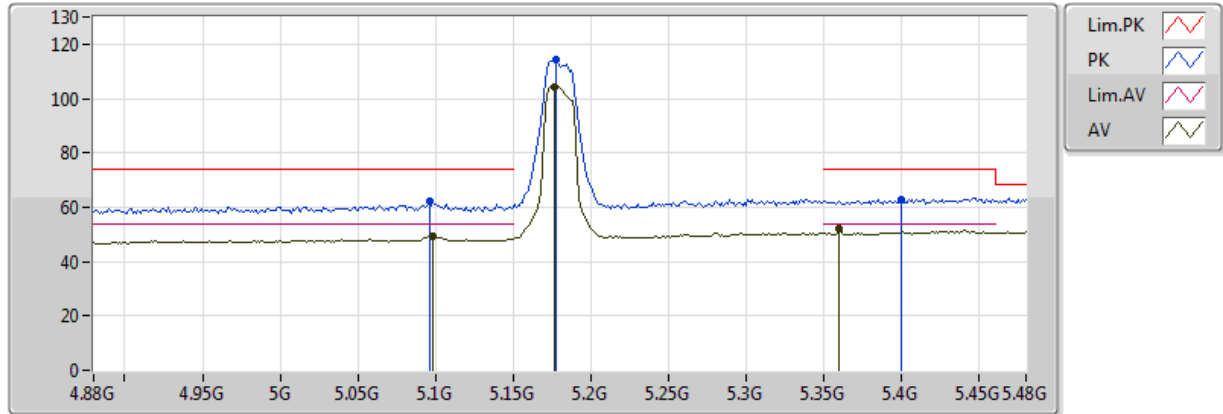
802.11a_(6Mbps)_2TX

5825MHz_TX



802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

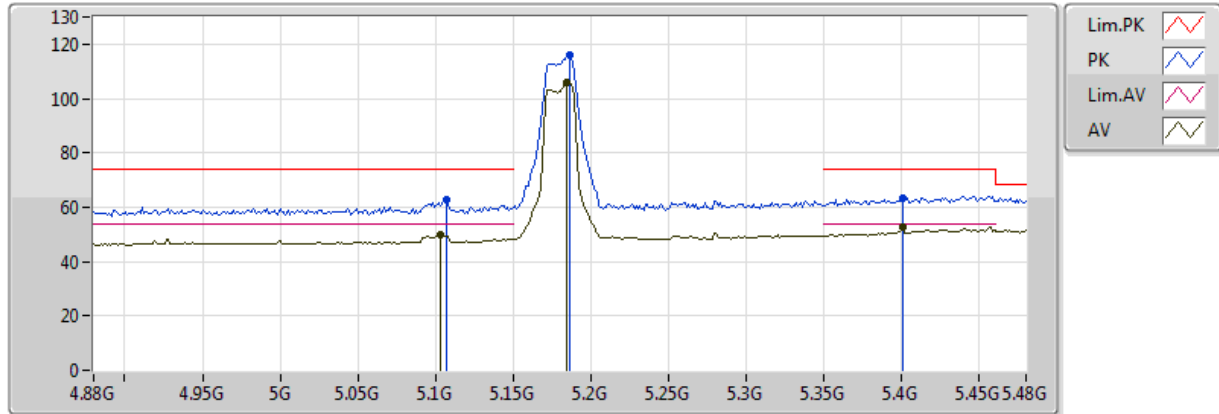


20170512
EUT X_2TX
Setting 13
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0984G	49.26	54.00	-4.74	5.34	3	V	1	1.37	-
AV	5.1764G	104.44	Inf	-Inf	5.50	3	V	1	1.37	-
AV	5.36G	51.98	54.00	-2.02	5.84	3	V	1	1.37	-
PK	5.096G	61.99	74.00	-12.01	5.33	3	V	1	1.37	-
PK	5.1776G	114.09	Inf	-Inf	5.50	3	V	1	1.37	-
PK	5.3996G	62.85	74.00	-11.15	5.91	3	V	1	1.37	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

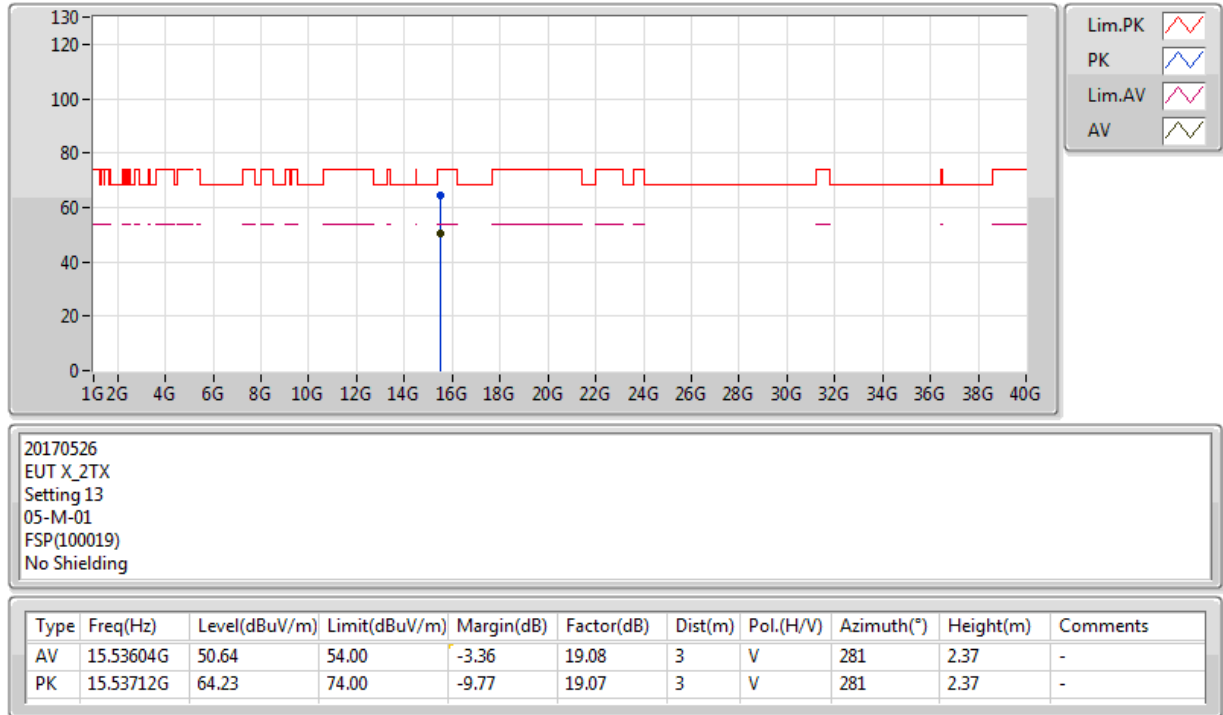


20170512
EUT X_2TX
Setting 13
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1032G	49.63	54.00	-4.37	5.35	3	H	1	1.66	-
AV	5.1848G	105.70	Inf	-Inf	5.52	3	H	1	1.66	-
AV	5.4008G	52.79	54.00	-1.21	5.91	3	H	1	1.66	-
PK	5.1068G	62.86	74.00	-11.14	5.35	3	H	1	1.66	-
PK	5.186G	115.85	Inf	-Inf	5.52	3	H	1	1.66	-
PK	5.4008G	63.35	74.00	-10.65	5.91	3	H	1	1.66	-

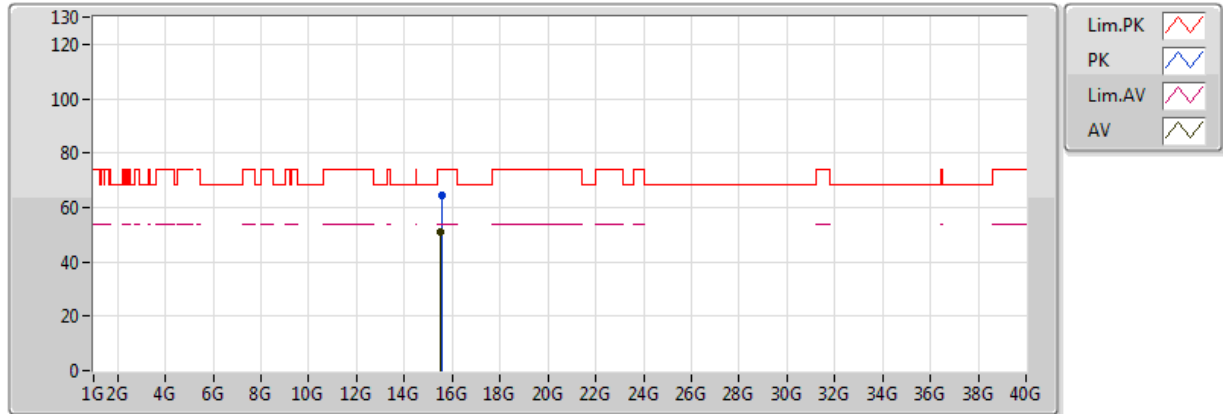
802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX



802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

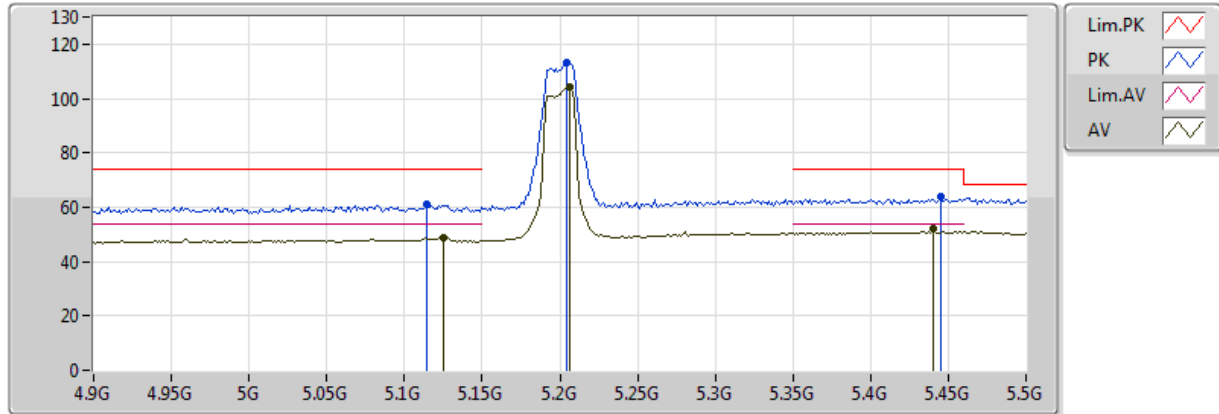


20170526
EUT X_2TX
Setting 13
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53516G	50.73	54.00	-3.27	19.08	3	H	271	1.29	-
PK	15.54656G	64.17	74.00	-9.83	19.04	3	H	271	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

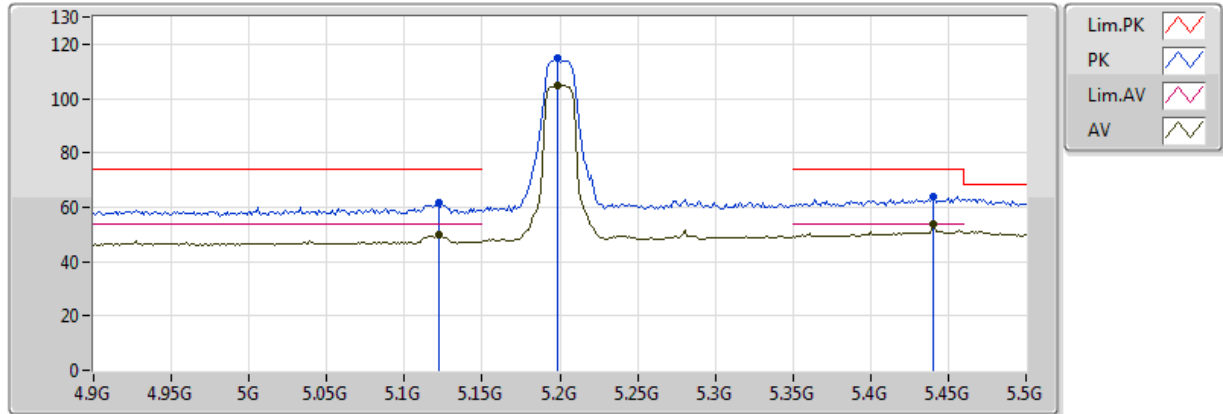


20170512
EUT X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1256G	48.88	54.00	-5.12	5.39	3	V	1	1.50	-
AV	5.206G	103.95	Inf	-Inf	5.56	3	V	1	1.50	-
AV	5.44G	51.84	54.00	-2.16	6.01	3	V	1	1.50	-
PK	5.1148G	61.31	74.00	-12.69	5.37	3	V	1	1.50	-
PK	5.2048G	113.11	Inf	-Inf	5.56	3	V	1	1.50	-
PK	5.4448G	63.61	74.00	-10.39	6.02	3	V	1	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

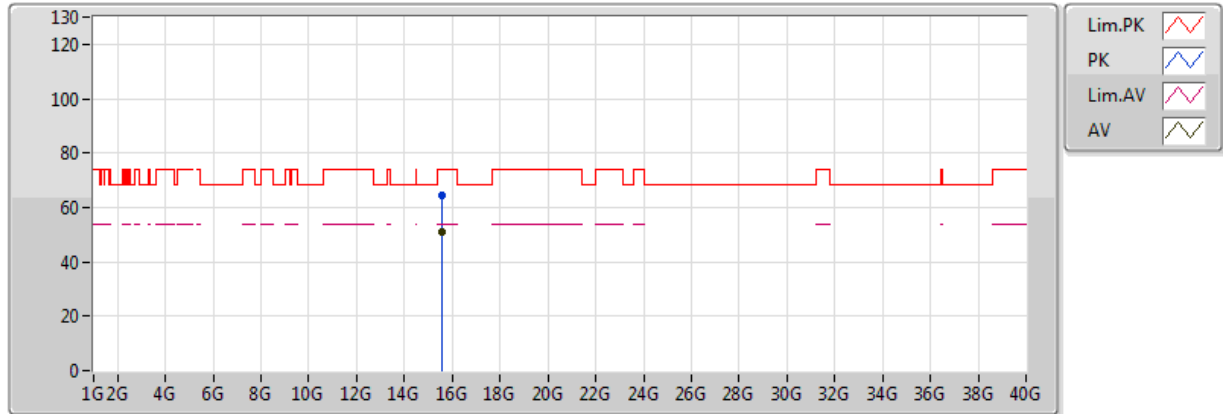


20170512
EUT X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.122G	49.61	54.00	-4.39	5.39	3	H	359	1.64	-
AV	5.1988G	104.98	Inf	-Inf	5.55	3	H	359	1.64	-
AV	5.44G	53.69	54.00	-0.31	6.01	3	H	359	1.64	-
PK	5.122G	61.53	74.00	-12.47	5.39	3	H	359	1.64	-
PK	5.1988G	114.60	Inf	-Inf	5.55	3	H	359	1.64	-
PK	5.44G	63.72	74.00	-10.28	6.01	3	H	0	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

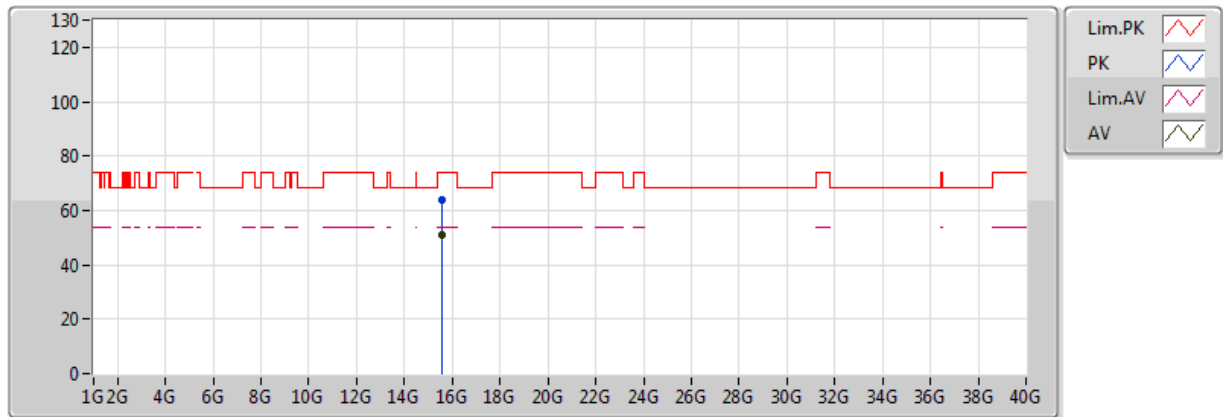


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5994G	50.80	54.00	-3.20	18.88	3	V	200	1.00	-
PK	15.5928G	64.61	74.00	-9.39	18.90	3	V	200	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

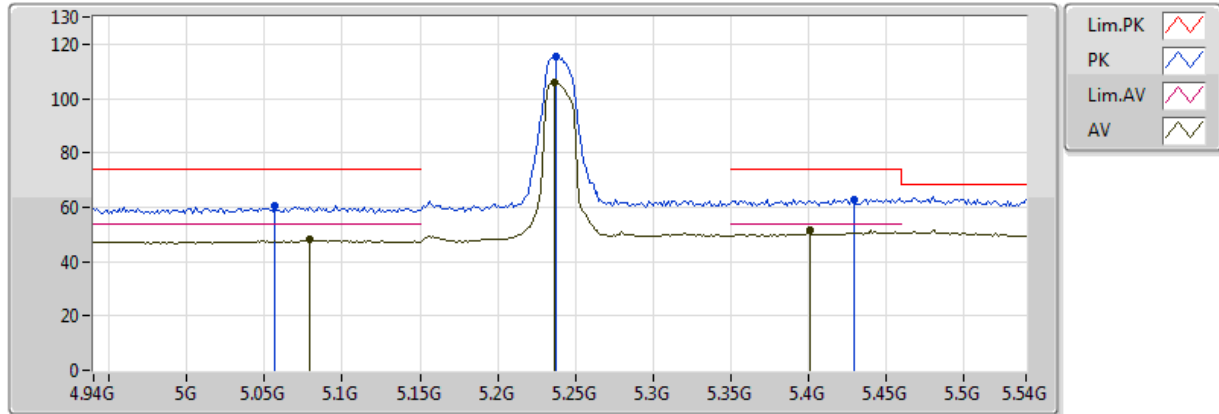


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59452G	50.92	54.00	-3.08	18.90	3	H	86	1.85	-
PK	15.5982G	64.05	74.00	-9.95	18.88	3	H	86	1.85	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

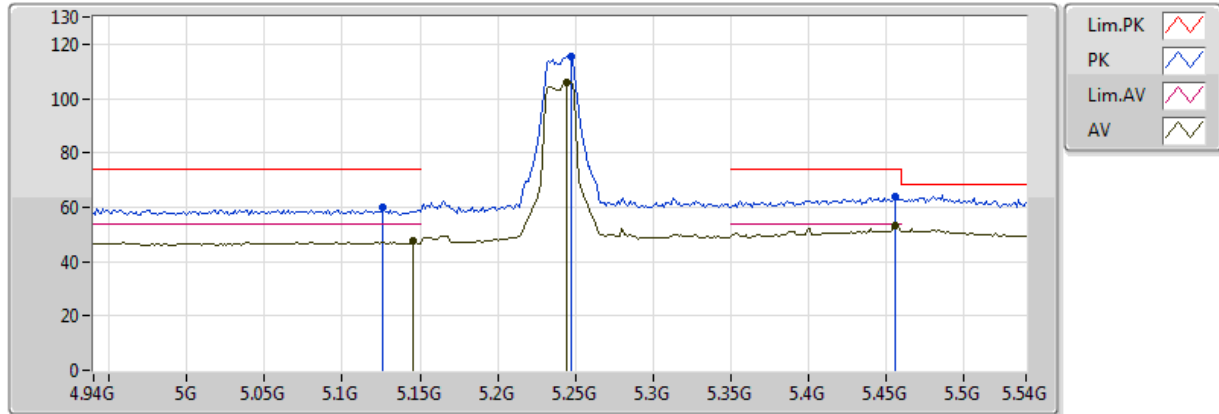


20170512
EUT X_2TX
Setting 13.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0792G	48.36	54.00	-5.64	5.29	3	V	1	1.34	-
AV	5.2364G	106.00	Inf	-Inf	5.62	3	V	1	1.34	-
AV	5.4008G	51.78	54.00	-2.22	5.91	3	V	1	1.34	-
PK	5.0564G	60.73	74.00	-13.27	5.23	3	V	1	1.34	-
PK	5.2376G	115.54	Inf	-Inf	5.62	3	V	1	1.34	-
PK	5.4296G	63.03	74.00	-10.97	5.98	3	V	1	1.34	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

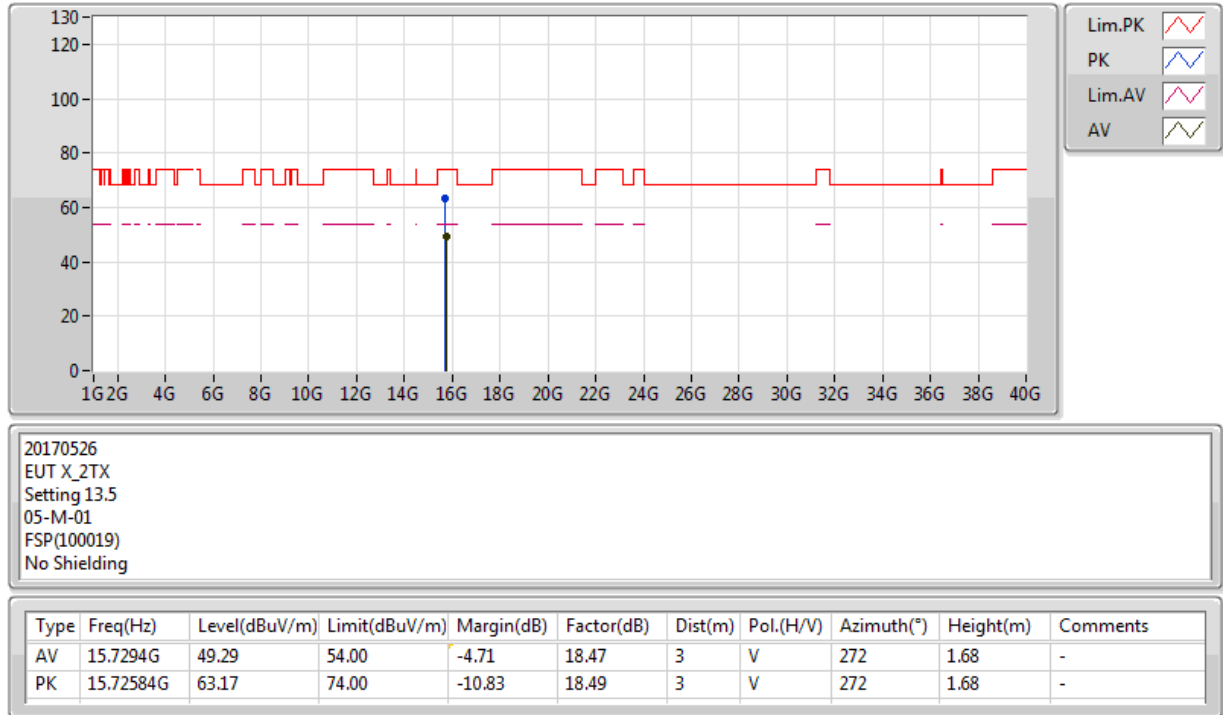


20170512
EUT X_2TX
Setting 13.5
03-E-2-10
FSP(100019)
No Shielding

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	47.43	54.00	-6.57	5.43	3	H	1	1.61	-
AV	5.2448G	106.04	Inf	-Inf	5.64	3	H	1	1.61	-
AV	5.456G	53.11	54.00	-0.89	6.05	3	H	1	1.61	-
PK	5.126G	59.70	74.00	-14.30	5.39	3	H	1	1.61	-
PK	5.2472G	115.30	Inf	-Inf	5.64	3	H	1	1.61	-
PK	5.456G	63.88	74.00	-10.12	6.05	3	H	0	1.49	-

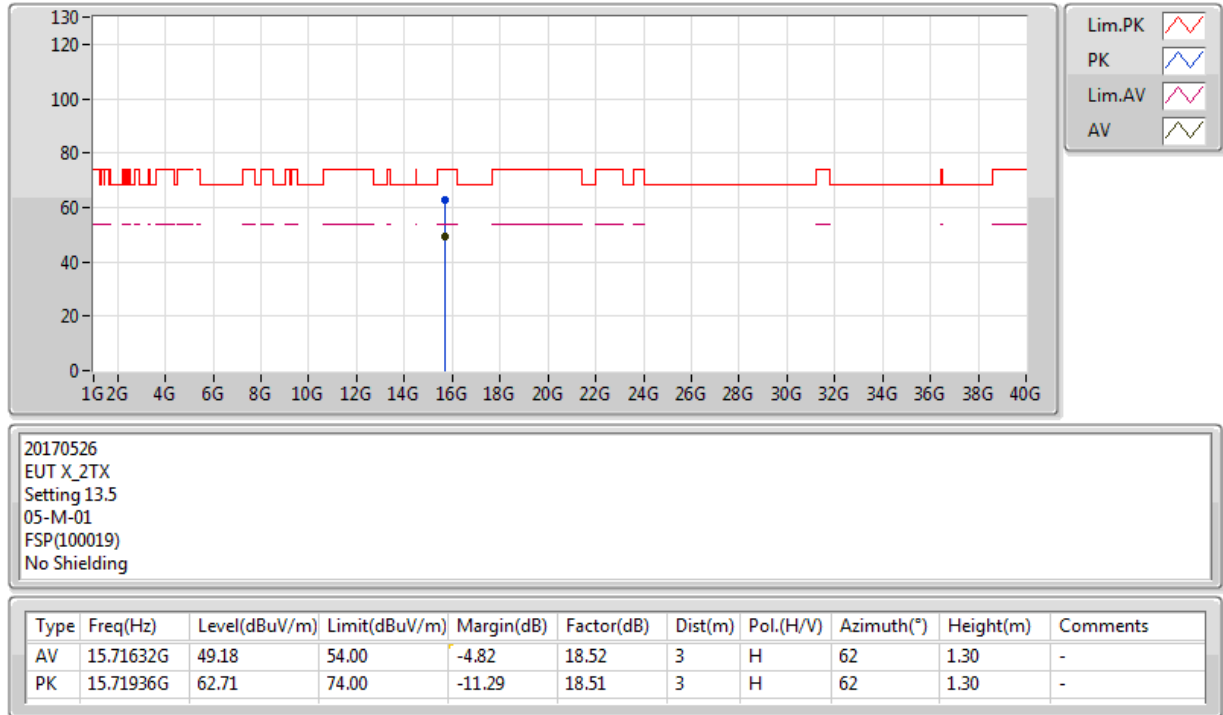
802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX



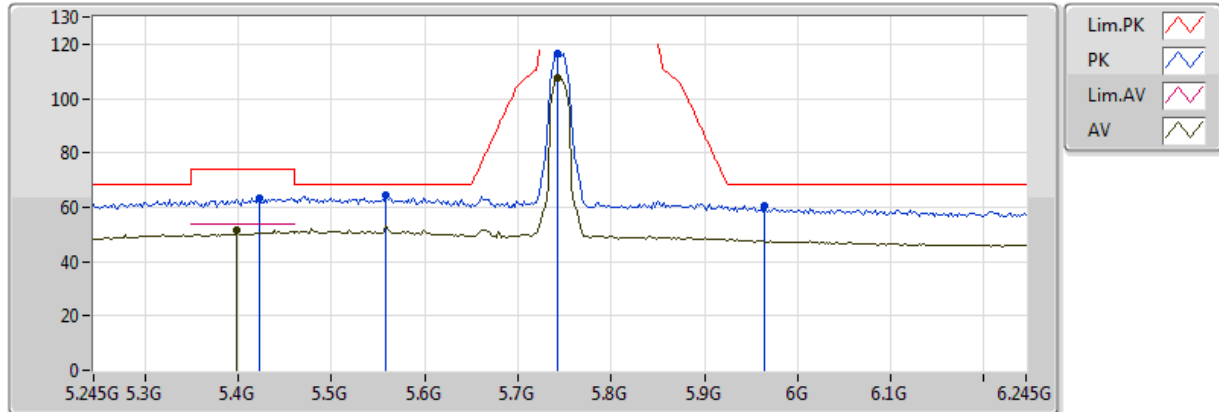
802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX



802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

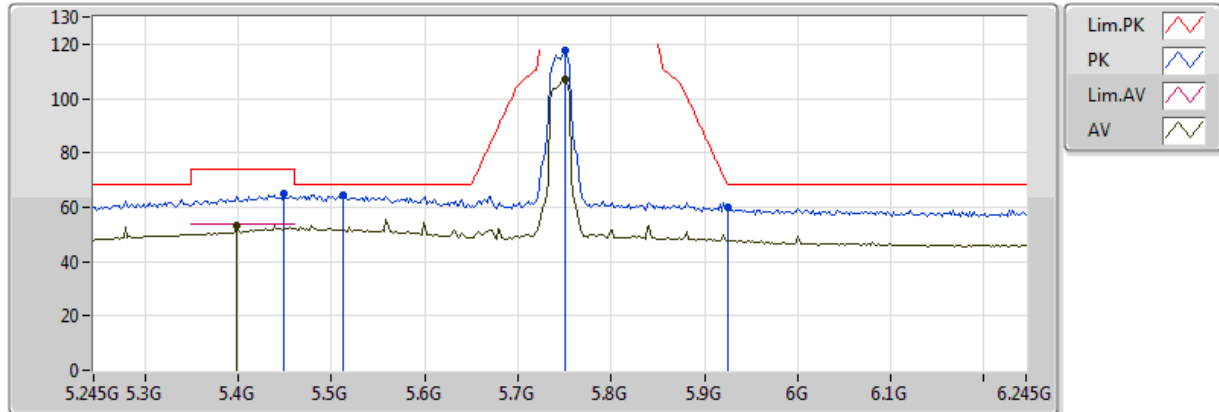


20170512
EUT X_2TX
Setting 11
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	51.79	54.00	-2.21	5.91	3	V	360	1.48	-
AV	5.743G	107.43	Inf	-Inf	6.25	3	V	360	1.48	-
PK	5.423G	63.16	74.00	-10.84	5.97	3	V	360	1.48	-
PK	5.559G	64.25	68.20	-3.95	6.21	3	V	360	1.48	-
PK	5.743G	116.76	Inf	-Inf	6.25	3	V	360	1.48	-
PK	5.965G	60.29	68.20	-7.91	6.17	3	V	360	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

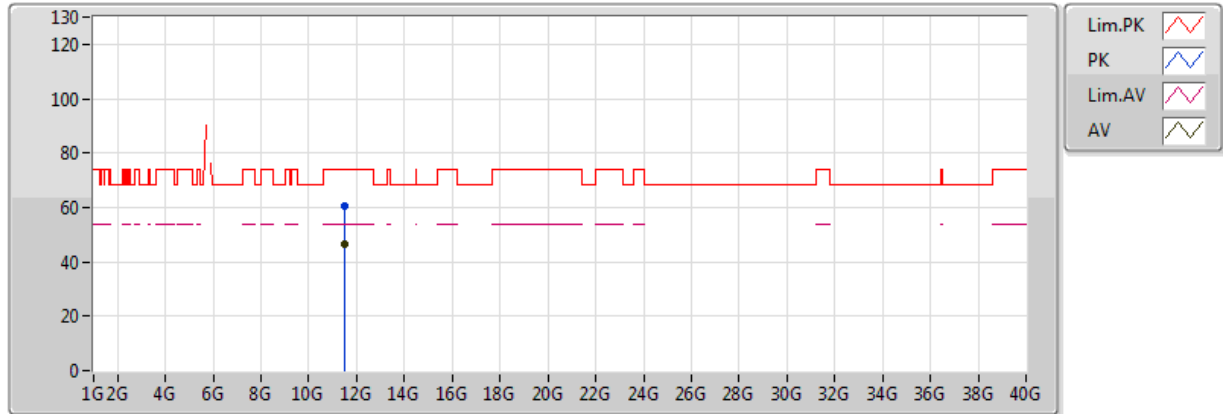


20170512
EUT X_2TX
Setting 11
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	53.48	54.00	-0.52	5.91	3	H	1	1.67	-
AV	5.751G	107.26	Inf	-Inf	6.25	3	H	1	1.67	-
PK	5.449G	65.08	74.00	-8.92	6.03	3	H	1	1.67	-
PK	5.513G	64.52	68.20	-3.68	6.17	3	H	1	1.67	-
PK	5.751G	117.63	Inf	-Inf	6.25	3	H	1	1.67	-
PK	5.925G	59.73	68.20	-8.47	6.19	3	H	1	1.67	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

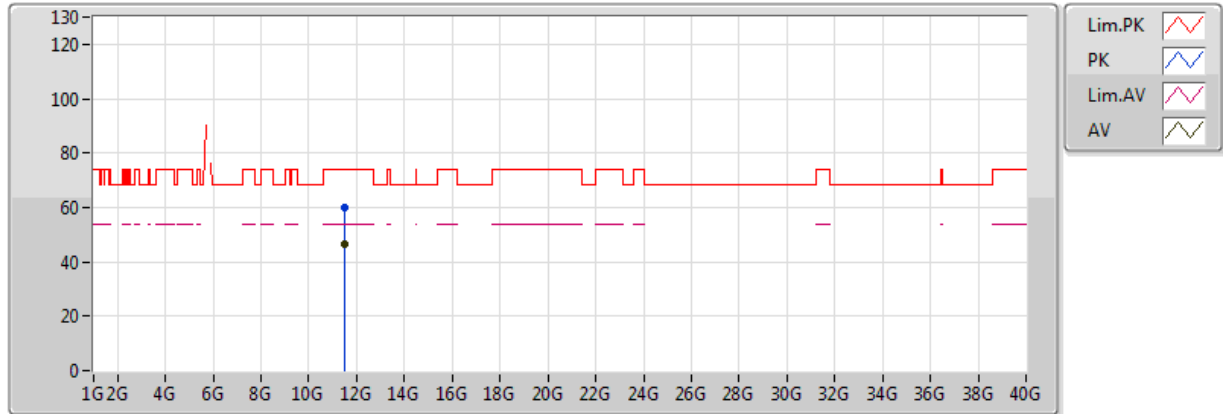


20170526
EUT X_2TX
Setting 11
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4956G	46.42	54.00	-7.58	17.99	3	V	328	2.17	-
PK	11.4842G	60.25	74.00	-13.75	18.00	3	V	328	2.17	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

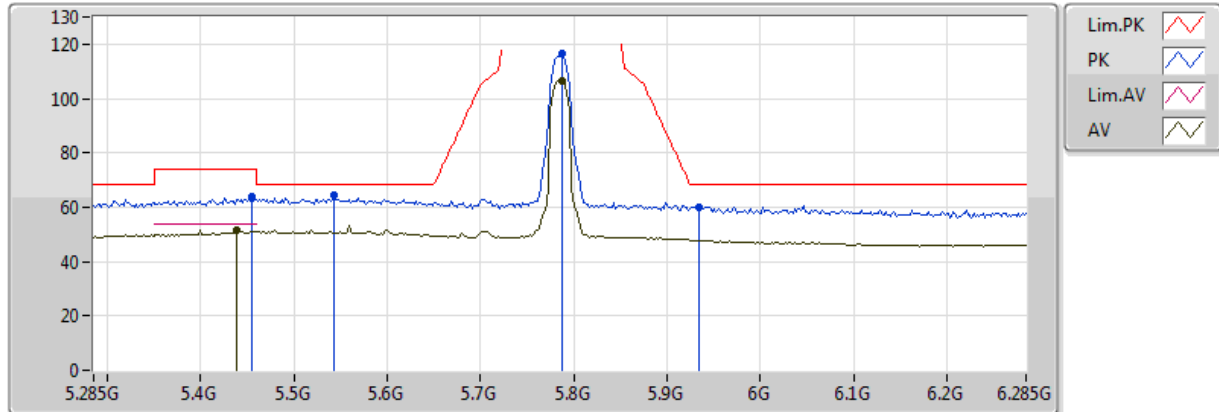


20170526
EUT X_2TX
Setting 11
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48352G	46.24	54.00	-7.76	18.00	3	H	157	1.89	-
PK	11.48556G	59.72	74.00	-14.28	18.00	3	H	157	1.89	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

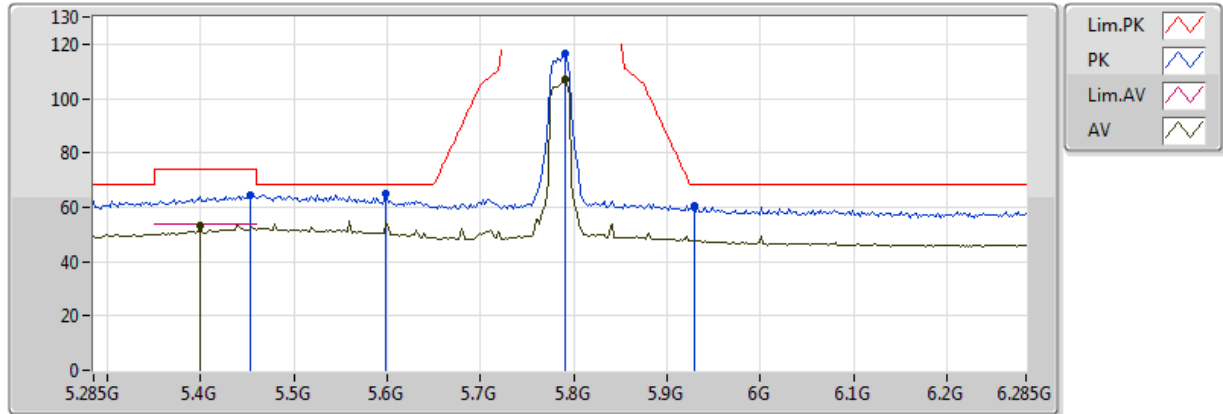


20170512
EUT X_2TX
Setting 10
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	51.40	54.00	-2.60	6.01	3	V	0	1.49	-
AV	5.787G	106.74	Inf	-Inf	6.25	3	V	0	1.49	-
PK	5.455G	63.90	74.00	-10.10	6.05	3	V	0	1.49	-
PK	5.543G	64.23	68.20	-3.97	6.19	3	V	0	1.49	-
PK	5.787G	116.42	Inf	-Inf	6.25	3	V	0	1.49	-
PK	5.935G	60.21	68.20	-7.99	6.18	3	V	0	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

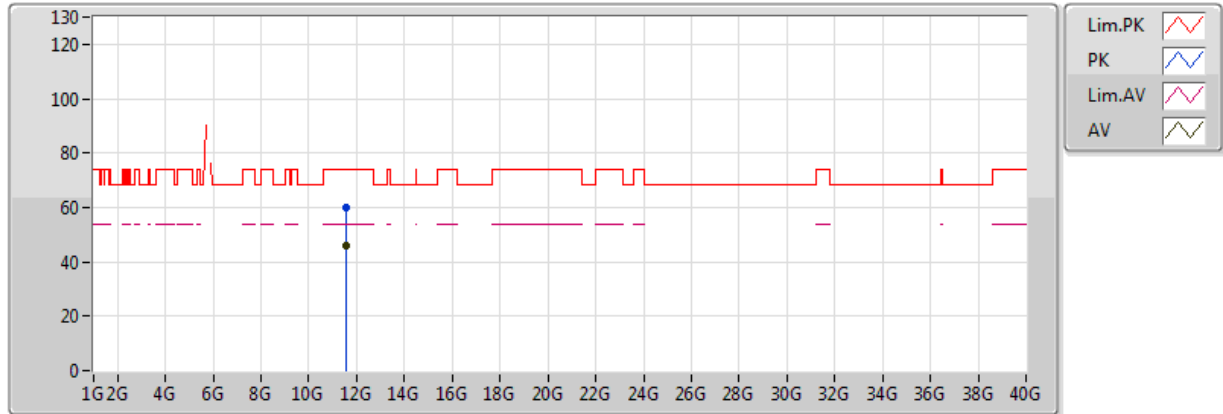


20170512
EUT X_2TX
Setting 10
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	53.50	54.00	-0.50	5.91	3	H	0	1.65	-
AV	5.791G	106.87	Inf	-Inf	6.25	3	H	0	1.65	-
PK	5.453G	64.31	74.00	-9.69	6.04	3	H	0	1.49	-
PK	5.599G	65.05	68.20	-3.15	6.24	3	H	0	1.65	-
PK	5.791G	116.78	Inf	-Inf	6.25	3	H	0	1.65	-
PK	5.929G	60.34	68.20	-7.86	6.19	3	H	0	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

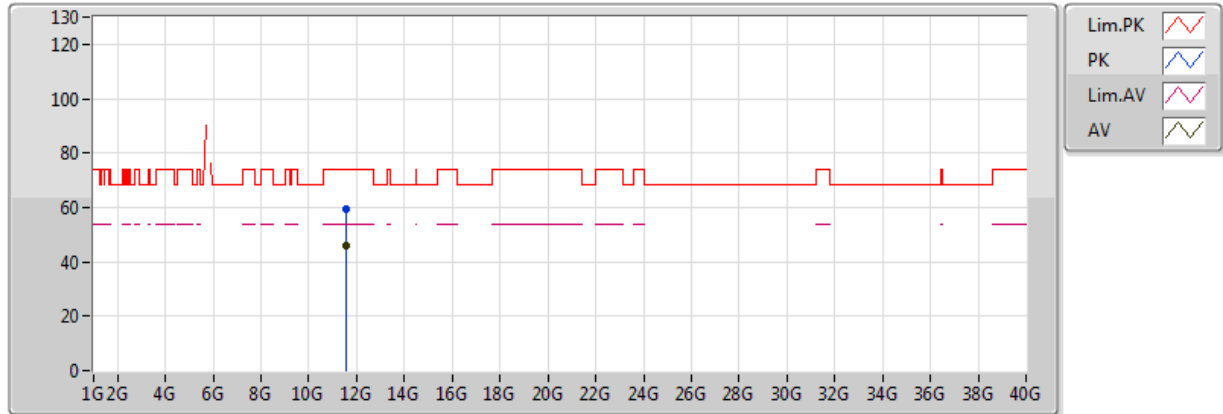


20170526
EUT X_2TX
Setting 10
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57692G	45.97	54.00	-8.03	17.90	3	V	122	1.56	-
PK	11.56344G	59.86	74.00	-14.14	17.91	3	V	122	1.56	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

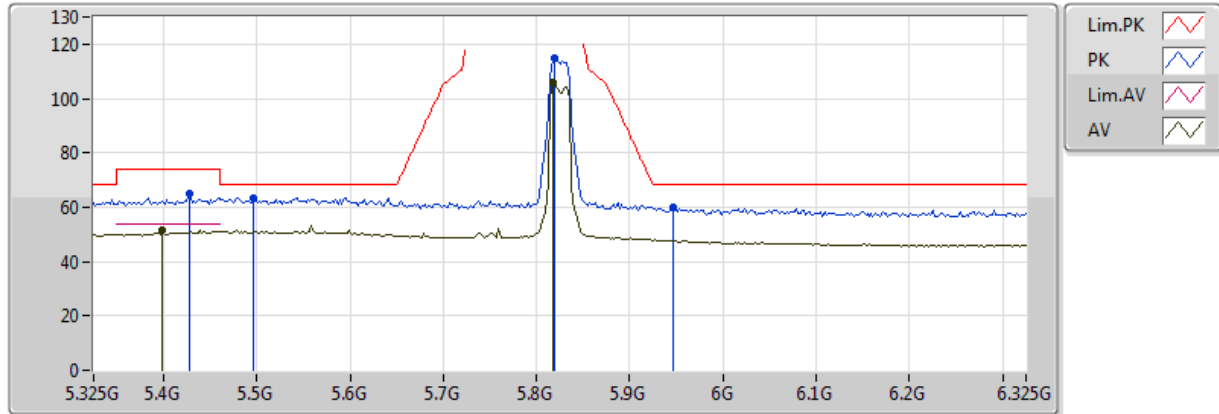


20170526
EUT X_2TX
Setting 10
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57096G	46.02	54.00	-7.98	17.90	3	H	250	1.95	-
PK	11.56304G	59.30	74.00	-14.70	17.91	3	H	250	1.95	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

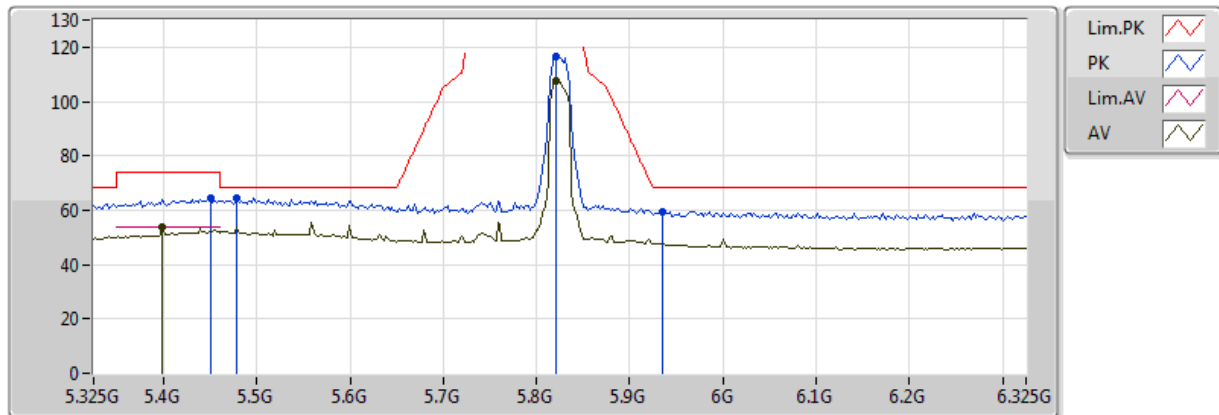


20170512
EUT X_2TX
Setting 9
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	51.68	54.00	-2.32	5.91	3	V	0	1.52	-
AV	5.817G	105.70	Inf	-Inf	6.24	3	V	0	1.52	-
PK	5.427G	65.14	74.00	-8.86	5.98	3	V	0	1.52	-
PK	5.497G	63.31	68.20	-4.89	6.15	3	V	0	1.52	-
PK	5.819G	114.81	Inf	-Inf	6.24	3	V	0	1.52	-
PK	5.947G	59.95	68.20	-8.25	6.18	3	V	0	1.52	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

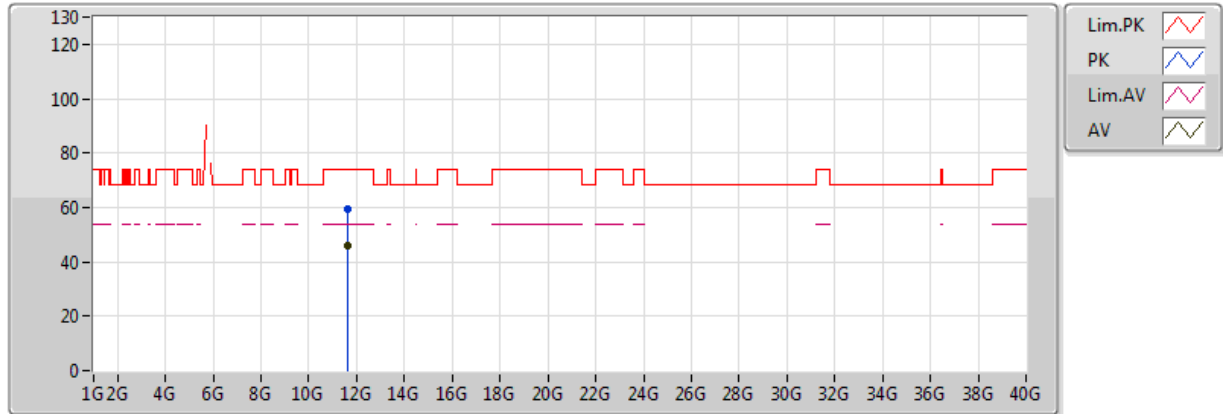


20170512
EUT X_2TX
Setting 9
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	53.60	54.00	-0.40	5.91	3	H	0	1.67	-
AV	5.821G	107.46	Inf	-Inf	6.24	3	H	0	1.67	-
PK	5.451G	64.60	74.00	-9.40	6.04	3	H	0	1.67	-
PK	5.479G	64.37	68.20	-3.83	6.11	3	H	0	1.67	-
PK	5.821G	116.76	Inf	-Inf	6.24	3	H	0	1.67	-
PK	5.935G	59.52	68.20	-8.68	6.18	3	H	0	1.67	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

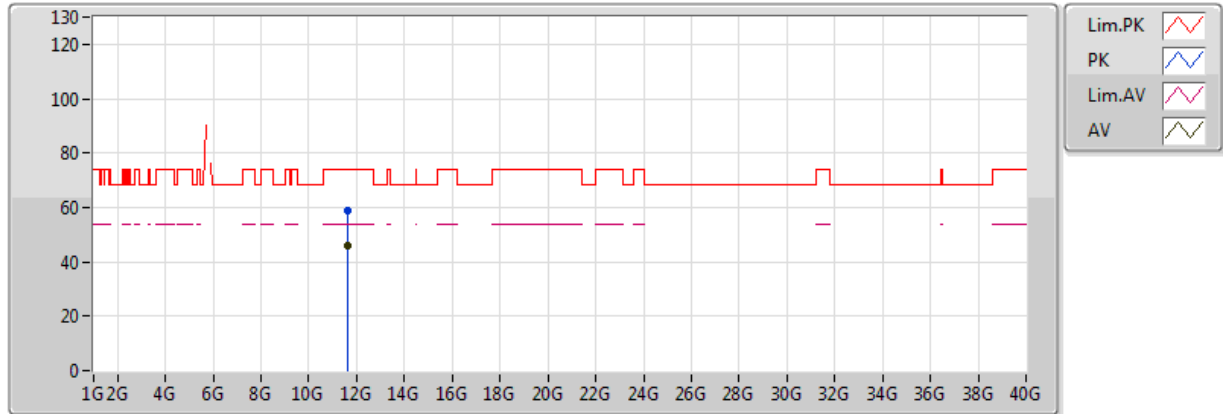


20170526
EUT X_2TX
Setting 9
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65544G	45.91	54.00	-8.09	17.80	3	V	270	1.73	-
PK	11.65268G	59.41	74.00	-14.59	17.81	3	V	270	1.73	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

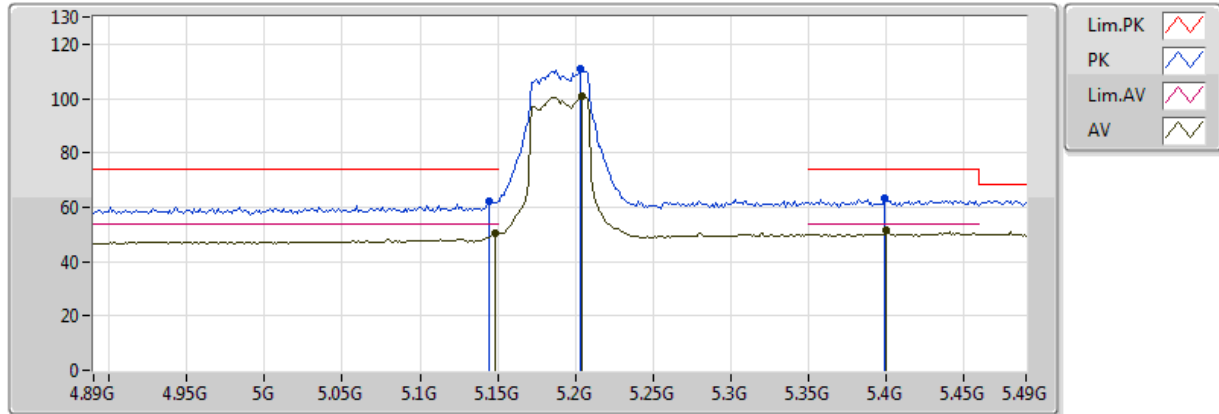


20170526
EUT X_2TX
Setting 9
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64564G	45.71	54.00	-8.29	17.81	3	H	358	1.04	-
PK	11.64288G	58.77	74.00	-15.23	17.82	3	H	358	1.04	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

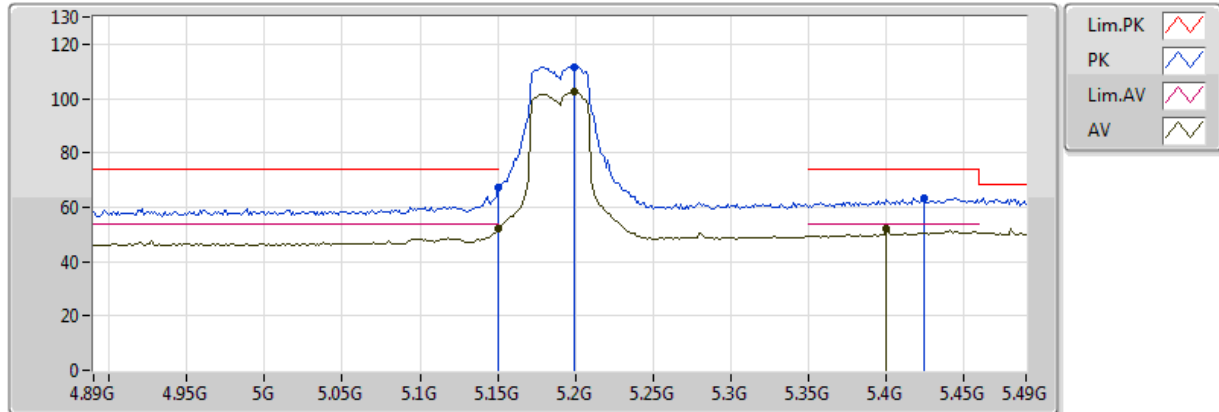


20170512
EUT X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	50.22	54.00	-3.78	5.44	3	V	0	1.42	-
AV	5.2044G	100.82	Inf	-Inf	5.56	3	V	0	1.42	-
AV	5.4G	51.59	54.00	-2.41	5.91	3	V	0	1.42	-
PK	5.1444G	62.04	74.00	-11.96	5.43	3	V	0	1.42	-
PK	5.2032G	110.88	Inf	-Inf	5.56	3	V	0	1.42	-
PK	5.3988G	63.52	74.00	-10.48	5.91	3	V	0	1.42	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

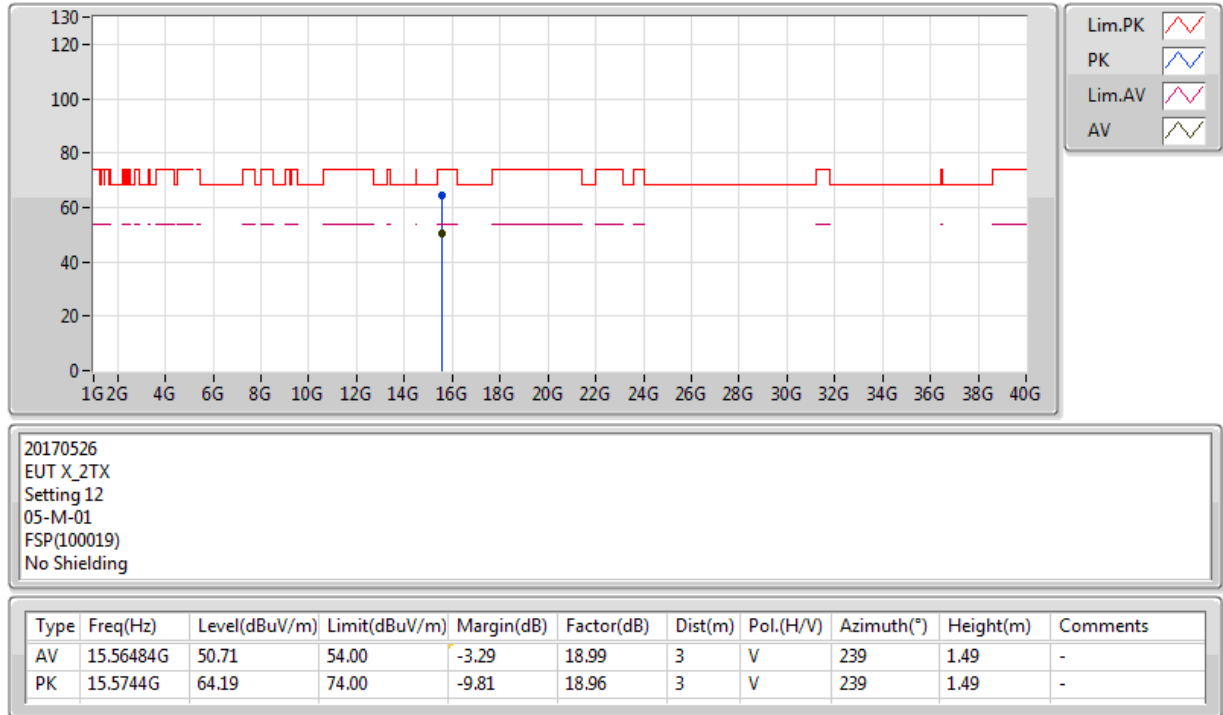


20170512
EUT X_2TX
Setting 12
03-E-2-10
FSP(100019)
No Shielding

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	52.09	54.00	-1.91	5.44	3	H	0	1.66	-
AV	5.1996G	102.55	Inf	-Inf	5.55	3	H	0	1.66	-
AV	5.4G	52.11	54.00	-1.89	5.91	3	H	0	1.66	-
PK	5.149995G	67.07	74.00	-6.93	5.44	3	H	0	1.66	-
PK	5.1996G	111.78	Inf	-Inf	5.55	3	H	0	1.66	-
PK	5.424G	63.34	74.00	-10.66	5.97	3	H	0	1.66	-

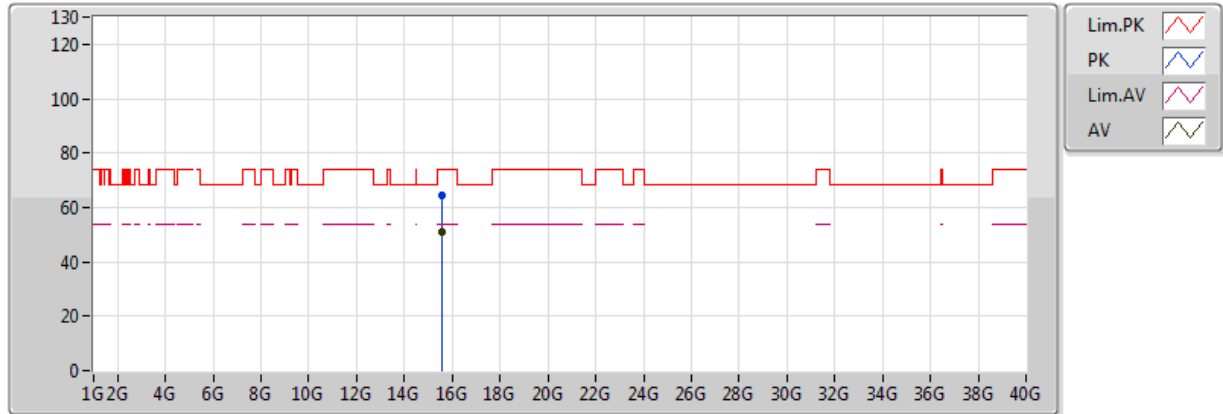
802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX



802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

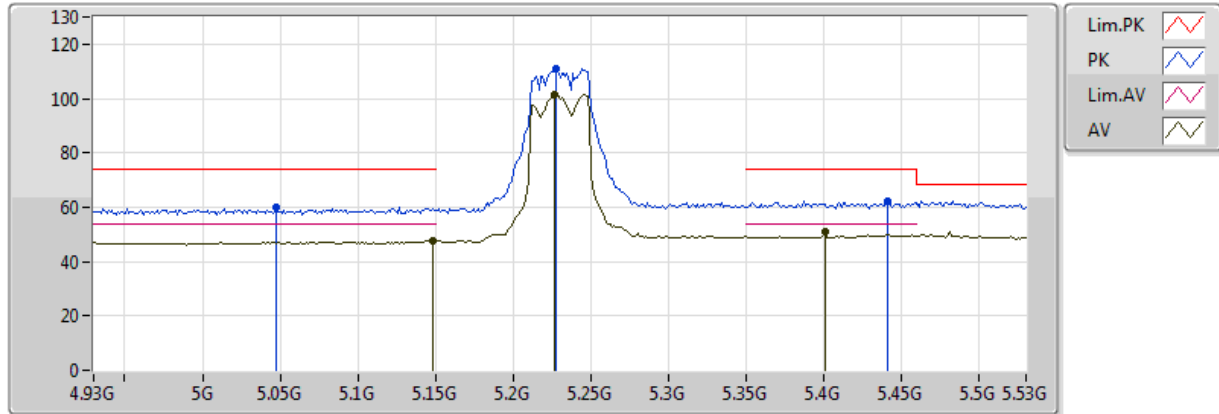


20170526
EUT X_2TX
Setting 12
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57728G	50.78	54.00	-3.22	18.95	3	H	233	1.08	-
PK	15.56024G	64.45	74.00	-9.55	19.00	3	H	233	1.08	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

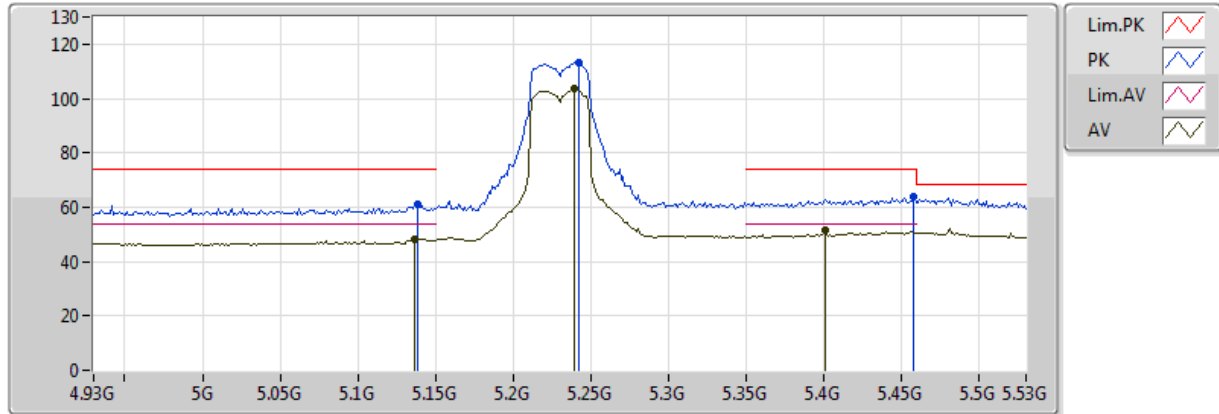


20170512
EUT_X_2TX
Setting 12.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	47.87	54.00	-6.13	5.44	3	V	359	1.31	-
AV	5.2264G	101.55	Inf	-Inf	5.60	3	V	359	1.31	-
AV	5.4004G	51.20	54.00	-2.80	5.91	3	V	359	1.31	-
PK	5.0476G	59.88	74.00	-14.12	5.21	3	V	359	1.31	-
PK	5.2276G	110.88	Inf	-Inf	5.60	3	V	359	1.31	-
PK	5.4412G	62.43	74.00	-11.57	6.01	3	V	359	1.31	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

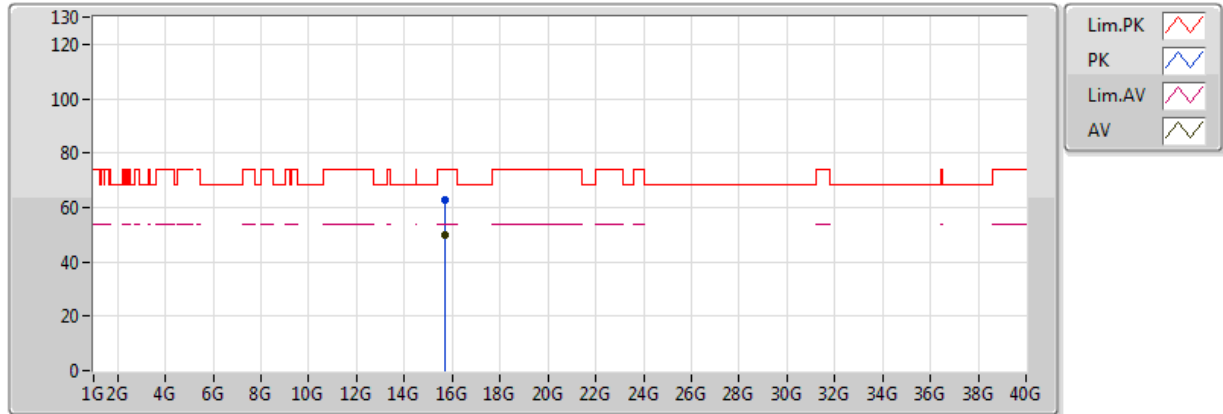


20170512
EUT_X_2TX
Setting 12.5
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1364G	48.37	54.00	-5.63	5.42	3	H	359	1.68	-
AV	5.2396G	103.54	Inf	-Inf	5.63	3	H	359	1.68	-
AV	5.4004G	51.60	54.00	-2.40	5.91	3	H	359	1.68	-
PK	5.1388G	60.91	74.00	-13.09	5.42	3	H	359	1.68	-
PK	5.242G	113.03	Inf	-Inf	5.63	3	H	359	1.68	-
PK	5.458G	63.79	74.00	-10.21	6.05	3	H	359	1.68	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

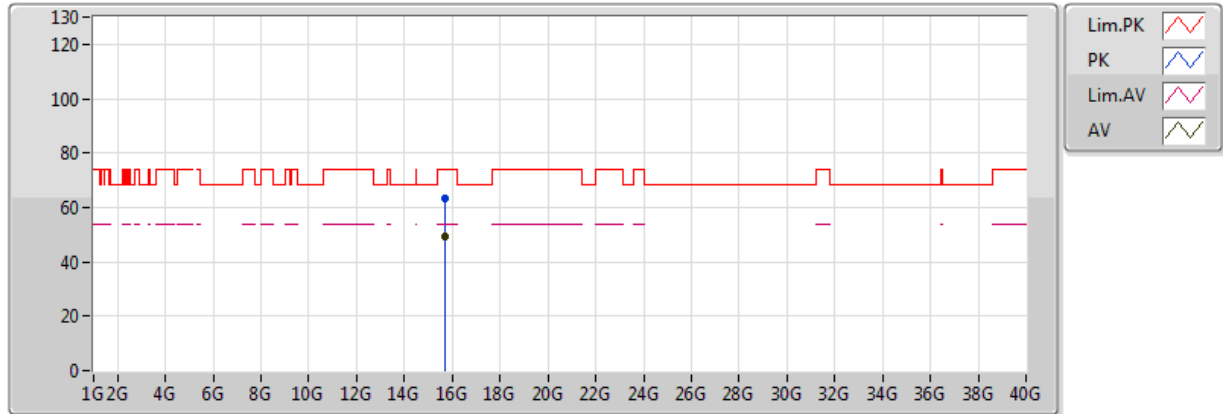


20170526
EUT X_2TX
Setting 12.5
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68108G	49.89	54.00	-4.11	18.63	3	V	46	1.42	-
PK	15.69168G	62.99	74.00	-11.01	18.59	3	V	46	1.42	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

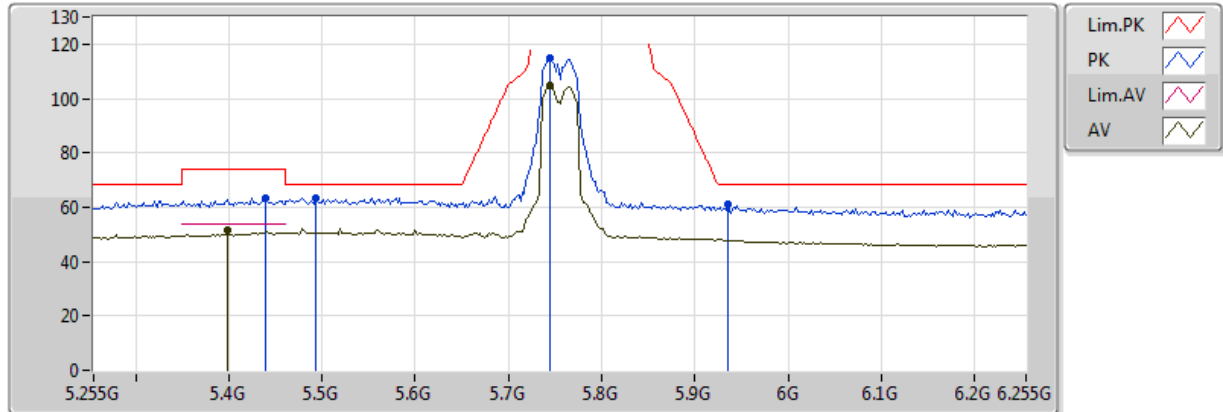


20170526
EUT X_2TX
Setting 12.5
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68072G	49.34	54.00	-4.66	18.63	3	H	142	1.57	-
PK	15.69736G	63.04	74.00	-10.96	18.57	3	H	142	1.57	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

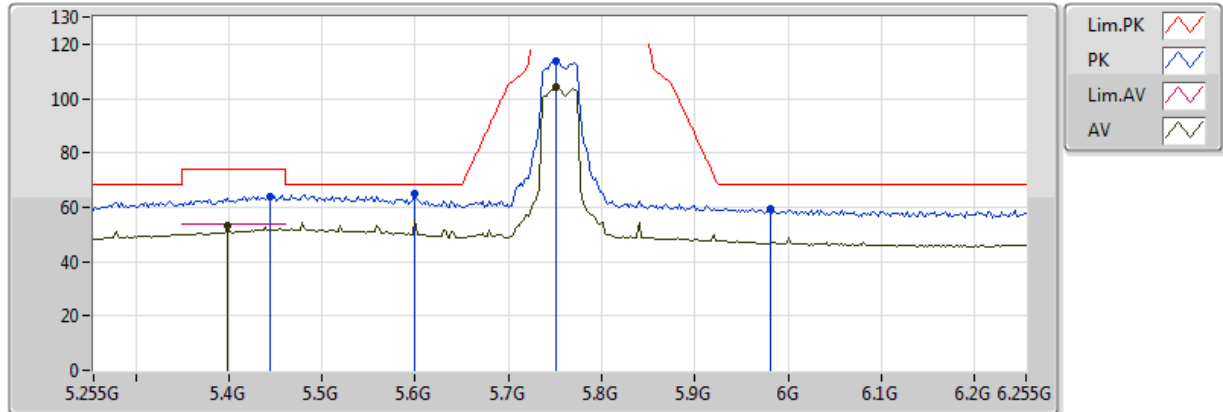


20170512
EUT X_2TX
Setting 11
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	51.78	54.00	-2.22	5.91	3	V	0	1.40	-
AV	5.745G	104.59	Inf	-Inf	6.25	3	V	0	1.40	-
PK	5.439G	63.26	74.00	-10.74	6.01	3	V	0	1.40	-
PK	5.493G	63.28	68.20	-4.92	6.14	3	V	0	1.40	-
PK	5.745G	115.10	Inf	-Inf	6.25	3	V	0	1.40	-
PK	5.935G	60.81	68.20	-7.39	6.18	3	V	0	1.40	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

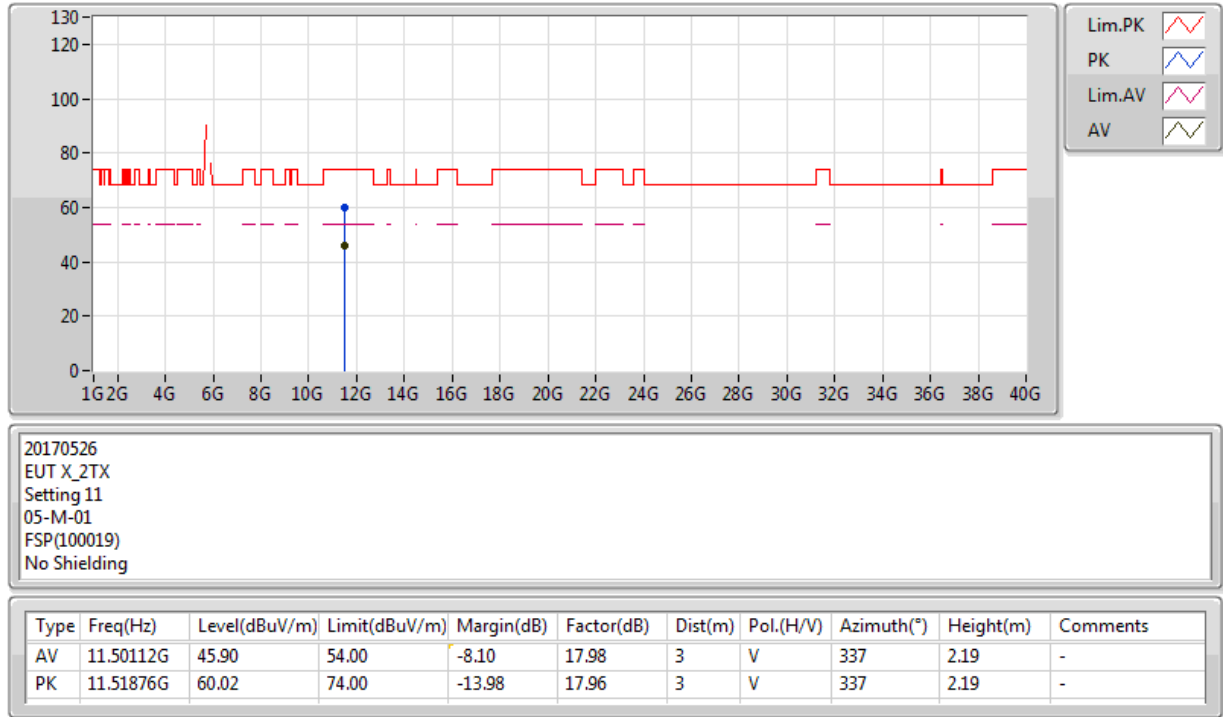


20170512
EUT X_2TX
Setting 11
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	53.46	54.00	-0.54	5.91	3	H	0	1.70	-
AV	5.751G	104.05	Inf	-Inf	6.25	3	H	0	1.70	-
PK	5.599G	65.01	68.20	-3.19	6.24	3	H	0	1.70	-
PK	5.751G	113.80	Inf	-Inf	6.25	3	H	0	1.70	-
PK	5.981G	59.64	68.20	-8.56	6.16	3	H	0	1.70	-
PK	5.445G	63.89	74.00	-10.11	6.02	3	H	0	1.70	-

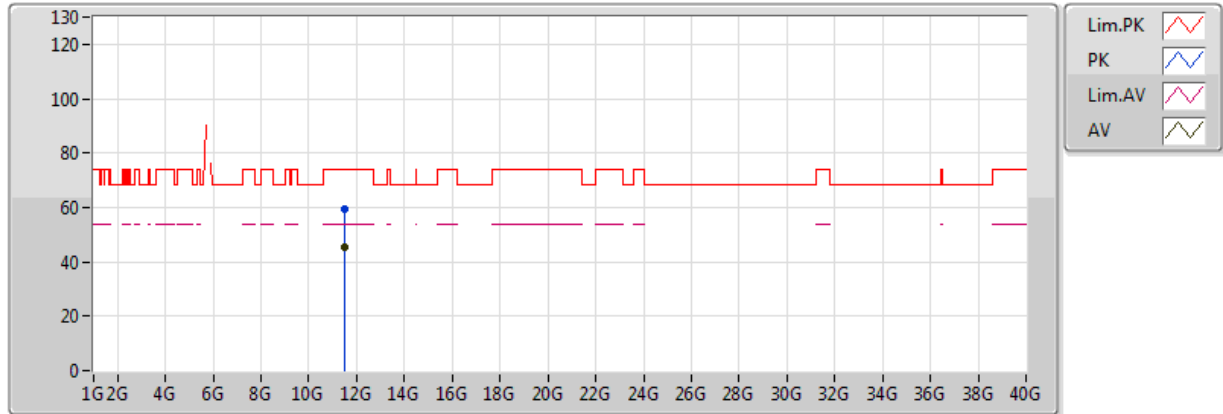
802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX



802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

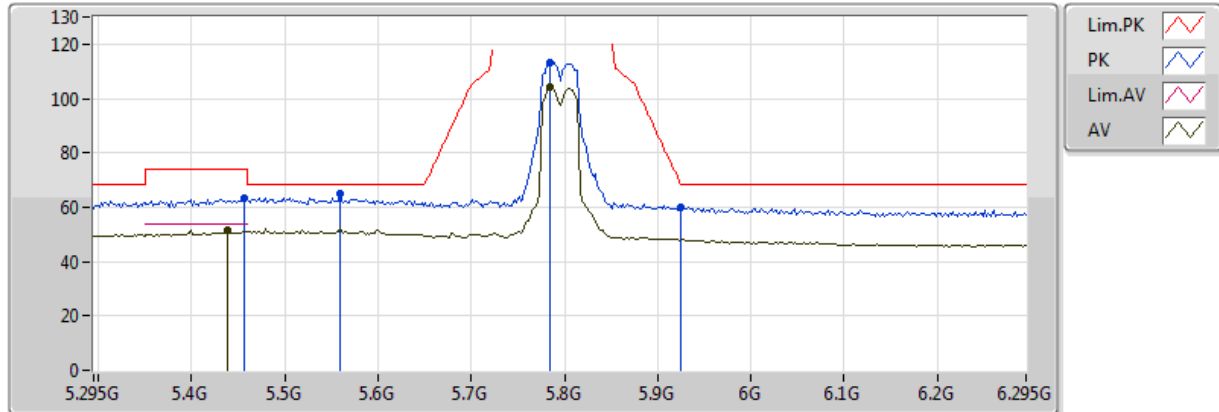


20170526
EUT X_2TX
Setting 11
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51516G	45.51	54.00	-8.49	17.97	3	H	24	1.46	-
PK	11.5164G	59.39	74.00	-14.61	17.97	3	H	24	1.46	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

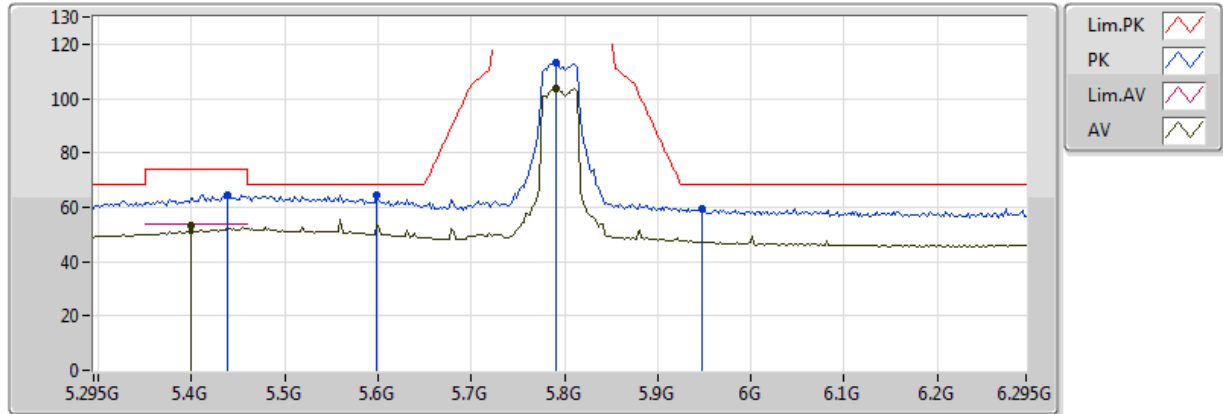


20170512
EUT X_2TX
Setting 10
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.439G	51.35	54.00	-2.65	6.01	3	V	0	1.49	-
AV	5.785G	104.13	Inf	-Inf	6.25	3	V	0	1.49	-
PK	5.457G	63.37	74.00	-10.63	6.05	3	V	0	1.49	-
PK	5.559G	64.75	68.20	-3.45	6.21	3	V	0	1.49	-
PK	5.785G	113.43	Inf	-Inf	6.25	3	V	0	1.49	-
PK	5.925G	60.11	68.20	-8.09	6.19	3	V	0	1.49	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

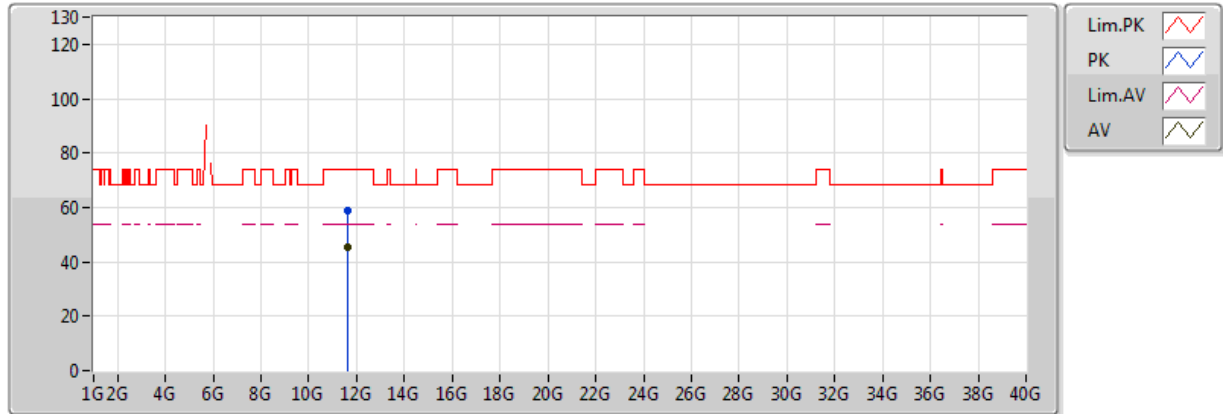


20170512
EUT_X_2TX
Setting 10
03-E-2-10
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.399G	53.31	54.00	-0.69	5.91	3	H	0	1.69	-
AV	5.791G	103.79	Inf	-Inf	6.25	3	H	0	1.69	-
PK	5.439G	64.63	74.00	-9.37	6.01	3	H	0	1.69	-
PK	5.599G	64.50	68.20	-3.70	6.24	3	H	0	1.69	-
PK	5.791G	113.09	Inf	-Inf	6.25	3	H	0	1.69	-
PK	5.947G	59.50	68.20	-8.70	6.18	3	H	0	1.69	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

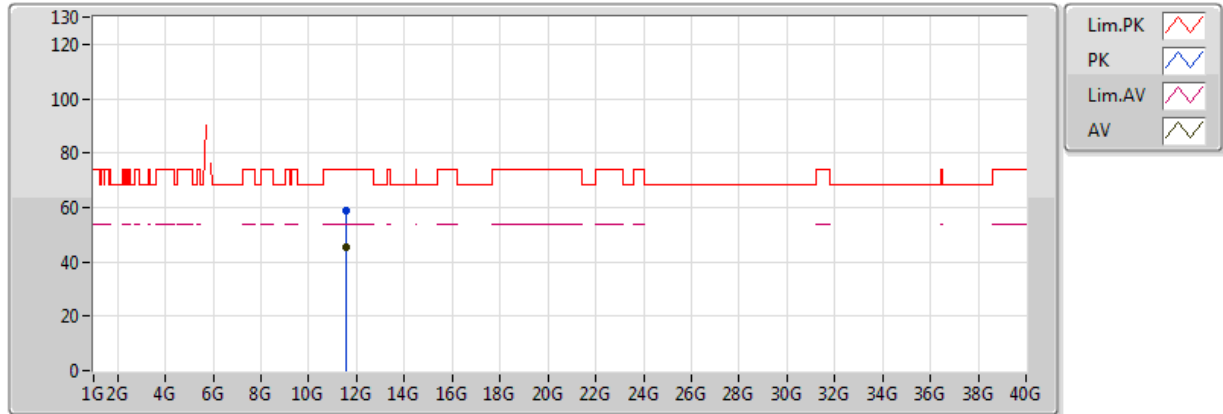


20170526
EUT X_2TX
Setting 10
05-M-01\$
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59872G	45.38	54.00	-8.62	17.87	3	V	300	1.07	-
PK	11.59912G	58.67	74.00	-15.33	17.87	3	V	300	1.07	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX



20170526
EUT X_2TX
Setting 10
05-M-01
FSP(100019)
No Shielding

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.58168G	45.49	54.00	-8.51	17.89	3	H	3	1.28	-
PK	11.59296G	58.78	74.00	-15.22	17.88	3	H	3	1.28	-

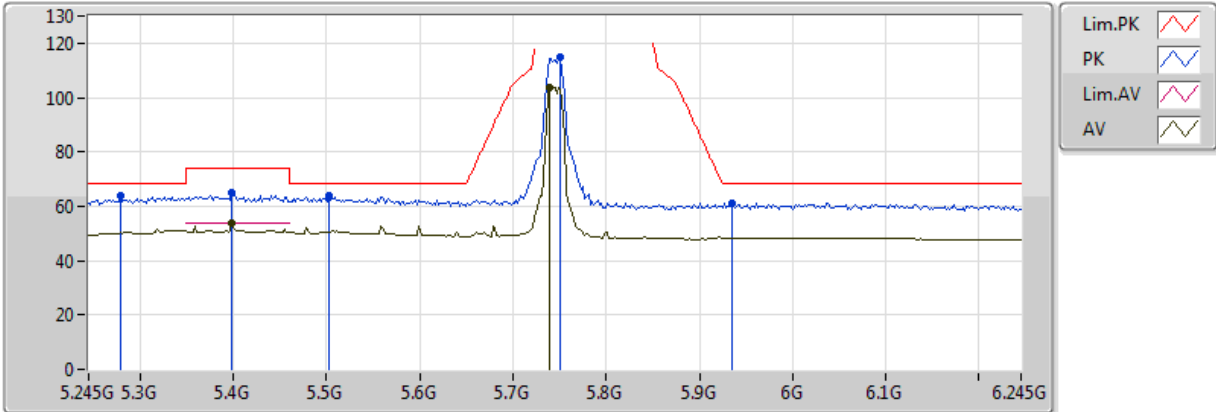
**For Mode 2:
Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	5.455G	53.95	54.00	-0.05	11.10	3	Horizontal	141	2.12	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/02/2018



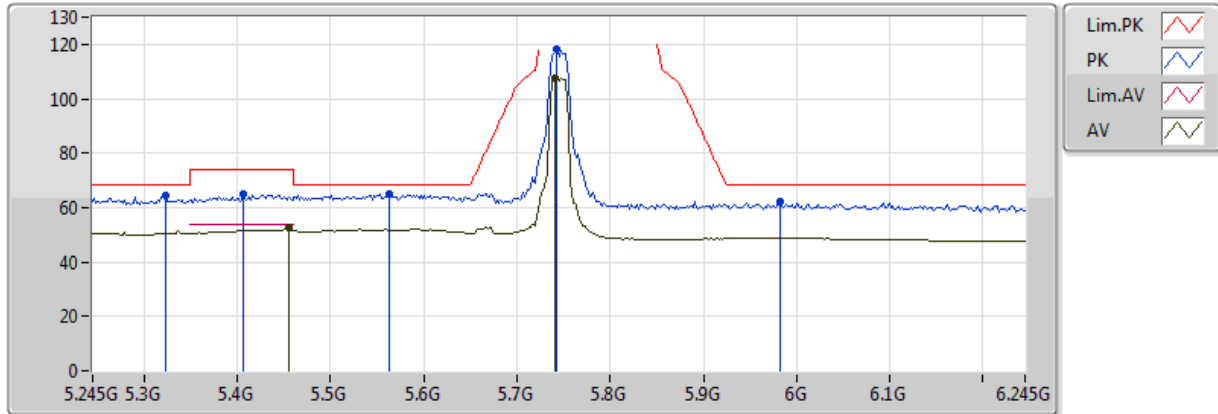
EUT X_2TX
Setting 21
02-N-2-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.399G	53.70	54.00	-0.30	11.25	3	Vertical	266	1.21	-				
AV	5.739G	103.76	Inf	-Inf	10.65	3	Vertical	266	1.21	-				
PK	5.279G	63.92	68.20	-4.28	10.51	3	Vertical	266	1.21	-				
PK	5.399G	65.01	74.00	-8.99	11.25	3	Vertical	266	1.21	-				
PK	5.503G	63.64	68.20	-4.56	10.95	3	Vertical	266	1.21	-				
PK	5.751G	114.64	Inf	-Inf	10.67	3	Vertical	266	1.21	-				
PK	5.935G	61.20	68.20	-7.00	11.10	3	Vertical	266	1.21	-				

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/02/2018



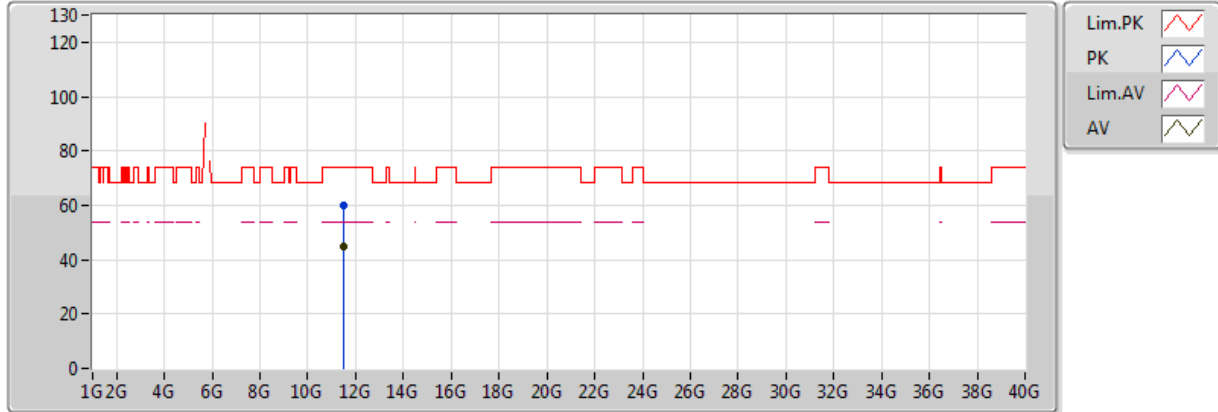
EUT X_2TX
Setting 21
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.455G	52.67	54.00	-1.33	11.10	3	Horizontal	272	2.24	-				
AV	5.741G	107.85	Inf	-Inf	10.66	3	Horizontal	272	2.24	-				
PK	5.323G	64.19	68.20	-4.01	10.78	3	Horizontal	272	2.24	-				
PK	5.407G	64.82	74.00	-9.18	11.24	3	Horizontal	272	2.24	-				
PK	5.563G	65.08	68.20	-3.12	10.67	3	Horizontal	272	2.24	-				
PK	5.743G	118.22	Inf	-Inf	10.66	3	Horizontal	272	2.24	-				
PK	5.983G	62.26	68.20	-5.94	11.23	3	Horizontal	272	2.24	-				

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/02/2018



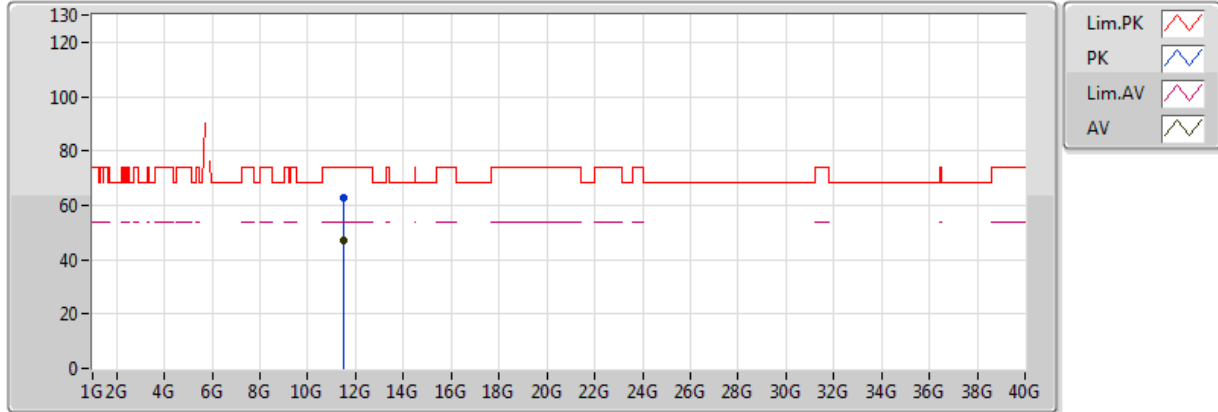
EUT X_2TX
Setting 21
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.48948G	44.83	54.00	-9.17	15.44	3	Vertical	135	1.80	-				
PK	11.48884G	59.84	74.00	-14.16	15.44	3	Vertical	135	1.80	-				

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/02/2018



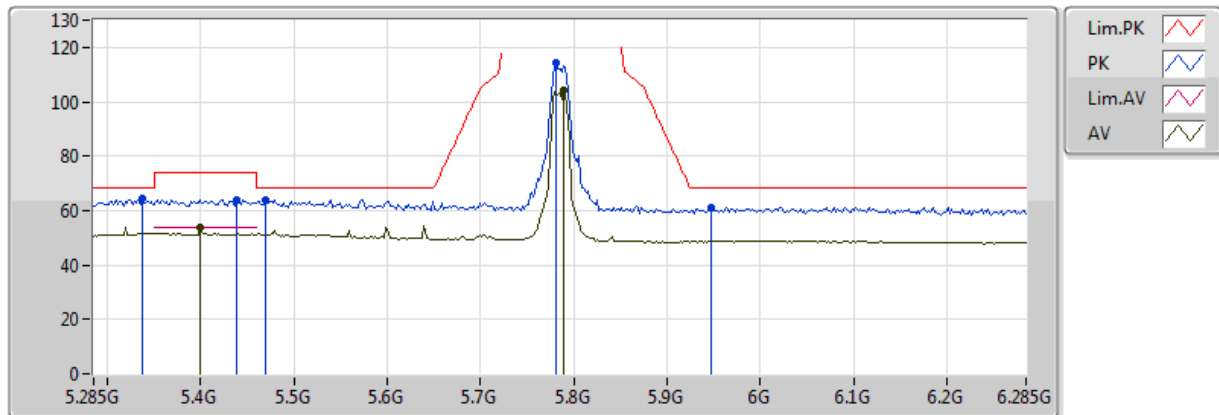
EUT X_2TX
Setting 21
02-N-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.49204G	47.11	54.00	-6.89	15.44	3	Horizontal	90	1.81	-				
PK	11.49208G	62.49	74.00	-11.51	15.44	3	Horizontal	90	1.81	-				

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/02/2018



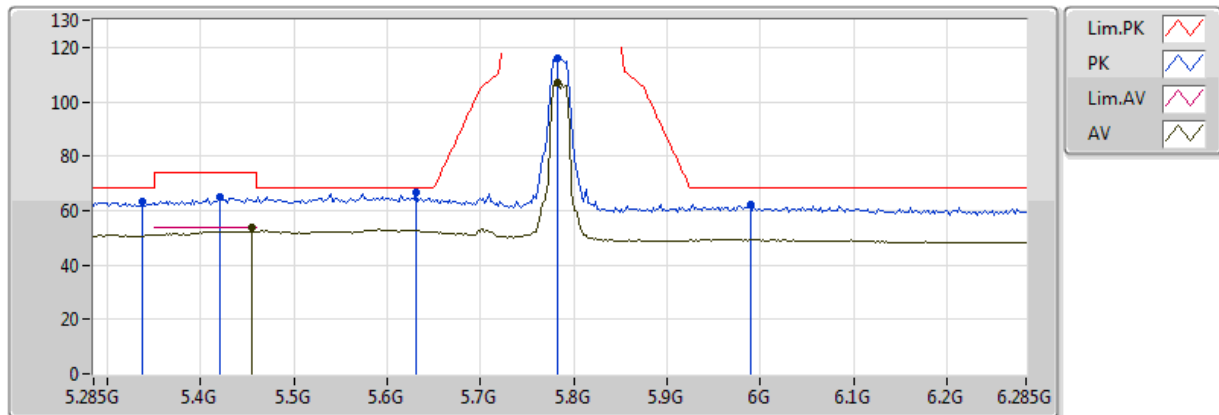
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.399G	53.68	54.00	-0.32	11.25	3	Vertical	251	1.01	-
AV	5.789G	104.16	Inf	-Inf	10.72	3	Vertical	251	1.01	-
PK	5.337G	64.20	68.20	-4.00	10.87	3	Vertical	251	1.01	-
PK	5.439G	64.01	74.00	-9.99	11.14	3	Vertical	251	1.01	-
PK	5.469G	63.97	68.20	-4.23	11.05	3	Vertical	251	1.01	-
PK	5.781G	114.49	Inf	-Inf	10.71	3	Vertical	251	1.01	-
PK	5.947G	61.29	68.20	-6.91	11.13	3	Vertical	251	1.01	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/02/2018



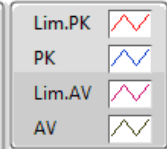
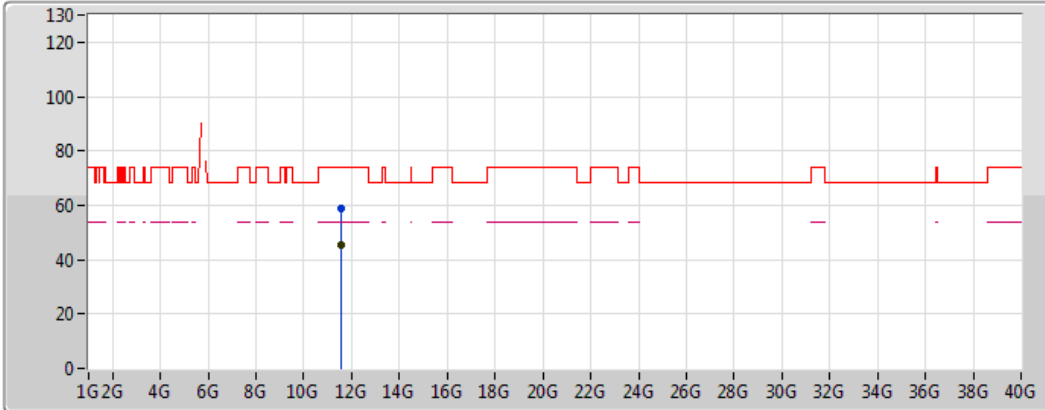
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.455G	53.80	54.00	-0.20	11.10	3	Horizontal	252	2.12	-
AV	5.783G	107.00	Inf	-Inf	10.72	3	Horizontal	252	2.12	-
PK	5.337G	63.29	68.20	-4.91	10.87	3	Horizontal	252	2.12	-
PK	5.421G	64.77	74.00	-9.23	11.20	3	Horizontal	252	2.12	-
PK	5.631G	66.43	68.20	-1.77	10.53	3	Horizontal	252	2.12	-
PK	5.783G	116.25	Inf	-Inf	10.72	3	Horizontal	252	2.12	-
PK	5.989G	62.18	68.20	-6.02	11.24	3	Horizontal	252	2.12	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/02/2018



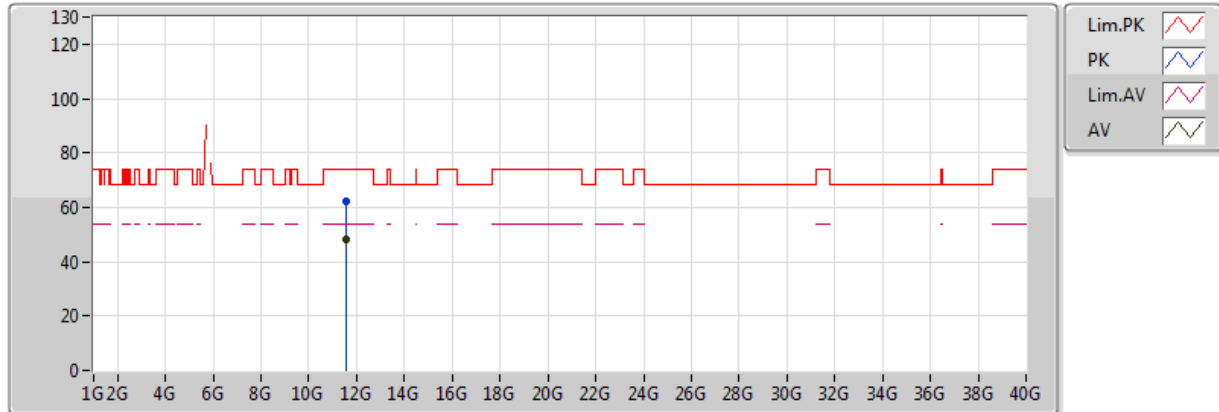
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.56912G	45.29	54.00	-8.71	15.55	3	Vertical	19	2.78	-				
PK	11.5692G	58.89	74.00	-15.11	15.55	3	Vertical	19	2.78	-				

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/02/2018



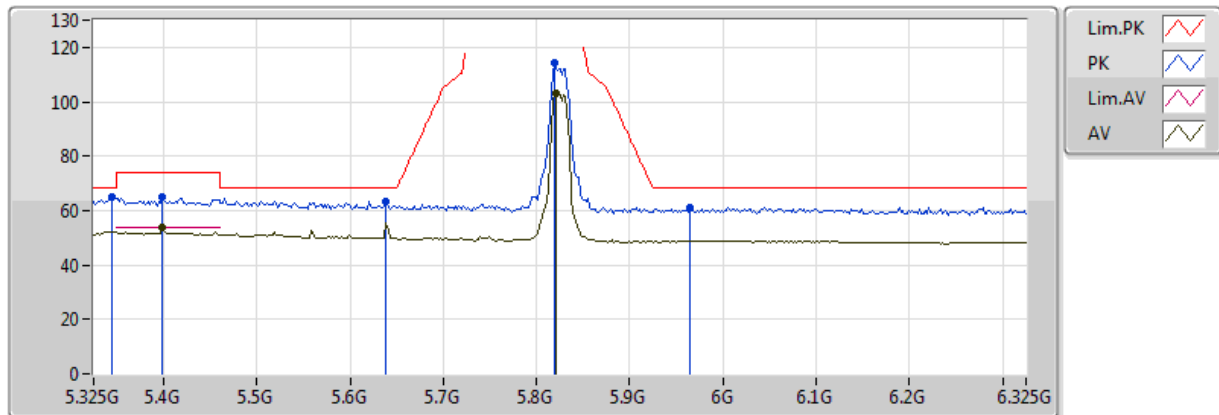
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.56796G	48.29	54.00	-5.71	15.55	3	Horizontal	121	1.82	-				
PK	11.57232G	62.29	74.00	-11.71	15.55	3	Horizontal	121	1.82	-				

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/02/2018



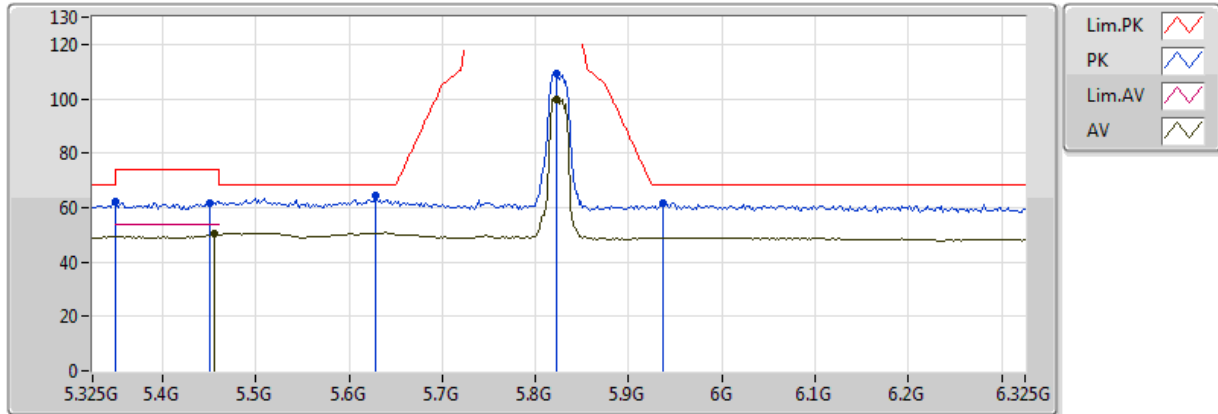
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.399G	53.66	54.00	-0.34	11.25	3	Vertical	234	1.07	-
AV	5.821G	103.20	Inf	-Inf	10.80	3	Vertical	234	1.07	-
PK	5.345G	64.73	68.20	-3.47	10.92	3	Vertical	234	1.07	-
PK	5.399G	65.08	74.00	-8.92	11.25	3	Vertical	234	1.07	-
PK	5.639G	63.59	68.20	-4.61	10.54	3	Vertical	234	1.07	-
PK	5.819G	114.20	Inf	-Inf	10.79	3	Vertical	234	1.07	-
PK	5.965G	61.28	68.20	-6.92	11.18	3	Vertical	234	1.07	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/02/2018



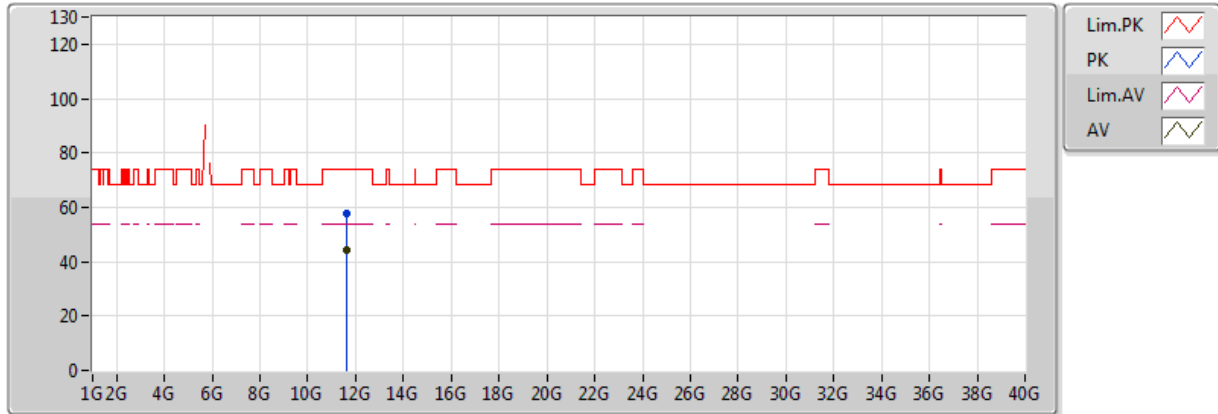
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.455G	50.36	54.00	-3.64	11.10	3	Horizontal	275	2.97	-				
AV	5.823G	99.86	Inf	-Inf	10.80	3	Horizontal	275	2.97	-				
PK	5.350005G	62.18	74.00	-11.82	10.95	3	Horizontal	275	2.97	-				
PK	5.451G	61.63	74.00	-12.37	11.11	3	Horizontal	275	2.97	-				
PK	5.629G	64.34	68.20	-3.86	10.53	3	Horizontal	275	2.97	-				
PK	5.823G	109.19	Inf	-Inf	10.80	3	Horizontal	275	2.97	-				
PK	5.937G	61.54	68.20	-6.66	11.11	3	Horizontal	275	2.97	-				

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/02/2018



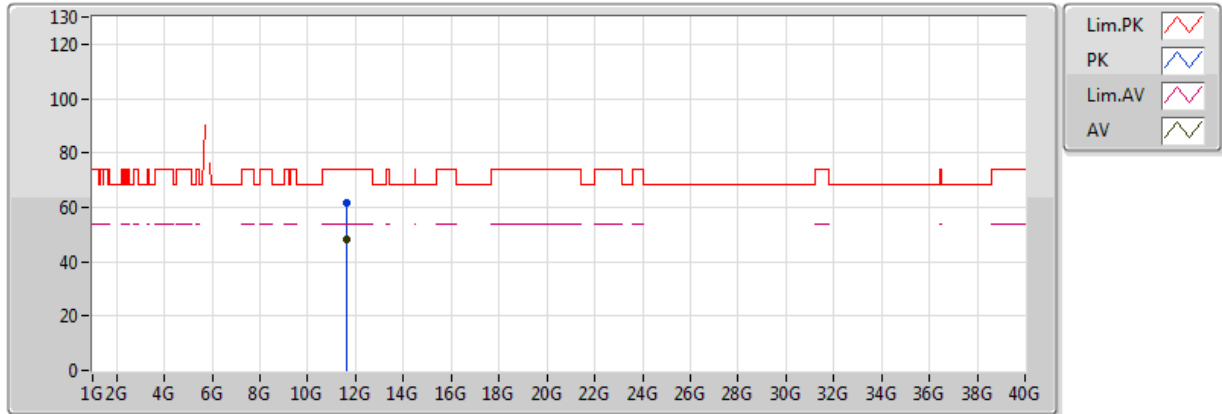
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.65018G	44.48	54.00	-9.52	15.66	3	Vertical	321	2.17	-				
PK	11.64946G	57.93	74.00	-16.07	15.66	3	Vertical	321	2.17	-				

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/02/2018



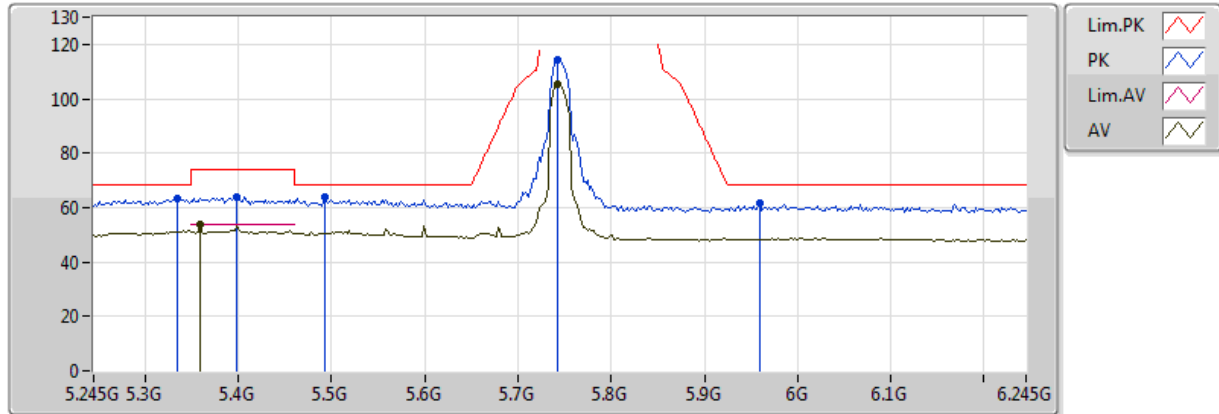
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.64766G	47.96	54.00	-6.04	15.66	3	Horizontal	103	1.76	-				
PK	11.6527G	61.45	74.00	-12.55	15.66	3	Horizontal	103	1.76	-				

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

01/03/2018



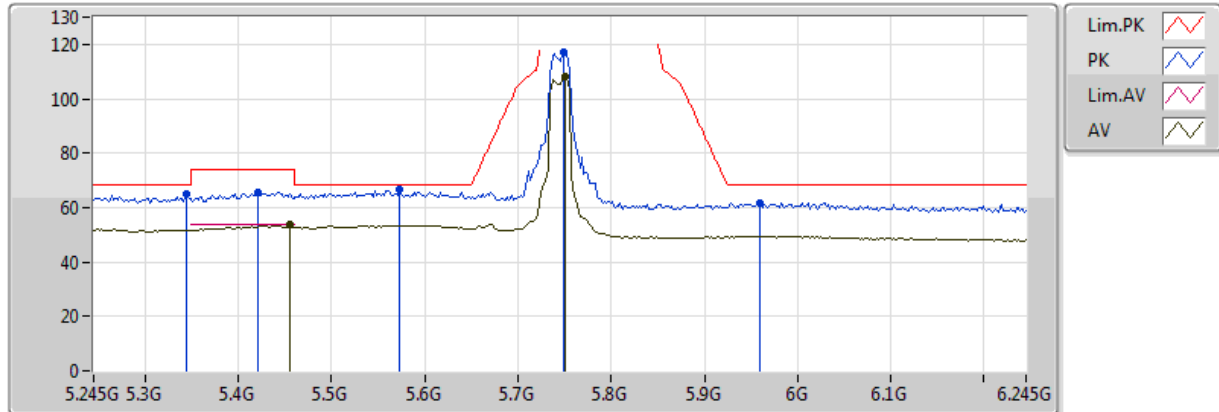
EUT X_2TX
Setting 22
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.359G	53.65	54.00	-0.35	11.01	3	Vertical	151	1.29	-
AV	5.743G	105.17	Inf	-Inf	10.66	3	Vertical	151	1.29	-
PK	5.335G	63.51	68.20	-4.69	10.86	3	Vertical	151	1.29	-
PK	5.399G	63.94	74.00	-10.06	11.25	3	Vertical	151	1.29	-
PK	5.493G	63.63	68.20	-4.57	10.98	3	Vertical	151	1.29	-
PK	5.743G	114.37	Inf	-Inf	10.66	3	Vertical	151	1.29	-
PK	5.959G	61.59	68.20	-6.61	11.16	3	Vertical	151	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

01/03/2018



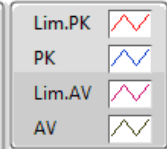
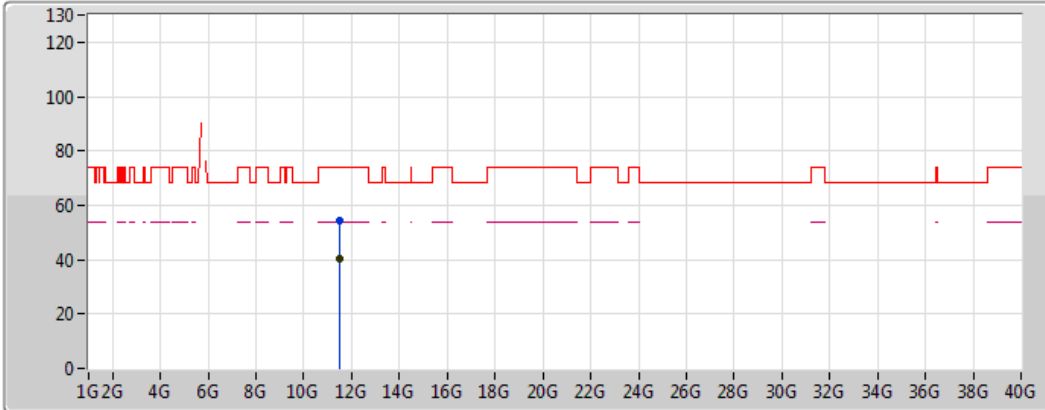
EUT X_2TX
Setting 22
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.455G	53.90	54.00	-0.10	11.10	3	Horizontal	162	2.24	-				
AV	5.751G	107.92	Inf	-Inf	10.67	3	Horizontal	162	2.24	-				
PK	5.345G	65.21	68.20	-2.99	10.92	3	Horizontal	162	2.24	-				
PK	5.421G	65.42	74.00	-8.58	11.20	3	Horizontal	162	2.24	-				
PK	5.573G	66.75	68.20	-1.45	10.62	3	Horizontal	162	2.24	-				
PK	5.749G	117.24	Inf	-Inf	10.67	3	Horizontal	162	2.24	-				
PK	5.959G	61.85	68.20	-6.35	11.16	3	Horizontal	162	2.24	-				

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

01/03/2018



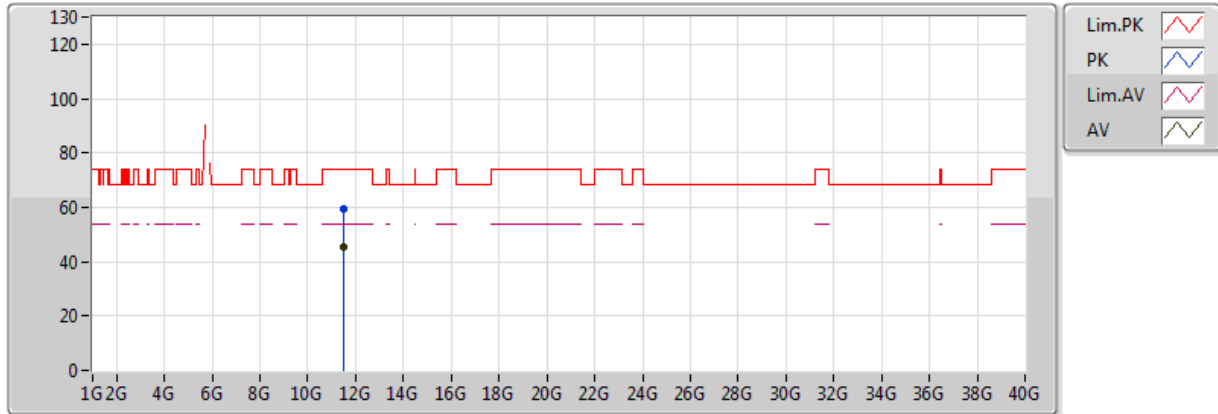
EUT X_2TX
Setting 22
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.49264G	40.50	54.00	-13.50	15.44	3	Vertical	255	1.98	-				
PK	11.48752G	54.46	74.00	-19.54	15.44	3	Vertical	255	1.98	-				

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

01/03/2018



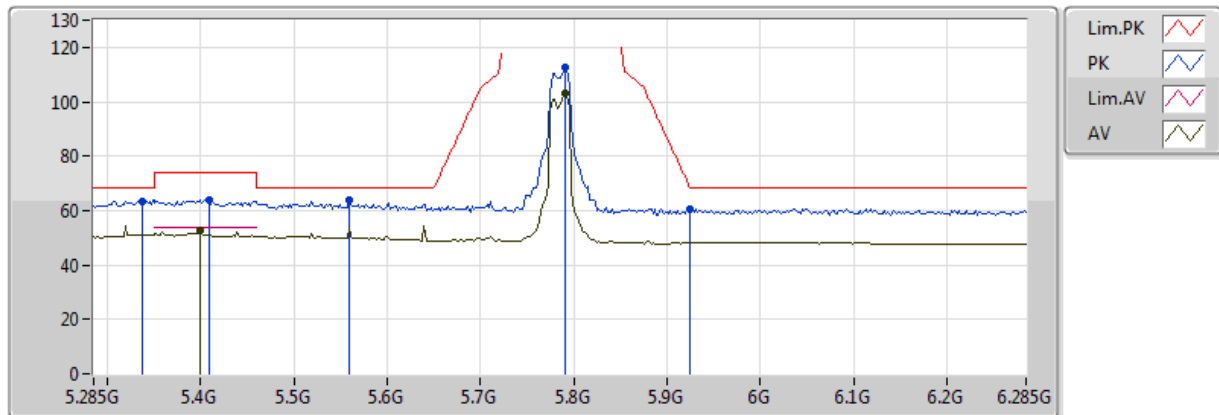
EUT X_2TX
Setting 22
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.49456G	45.47	54.00	-8.53	15.45	3	Horizontal	327	1.50	-				
PK	11.48G	59.18	74.00	-14.82	15.43	3	Horizontal	327	1.50	-				

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

01/03/2018



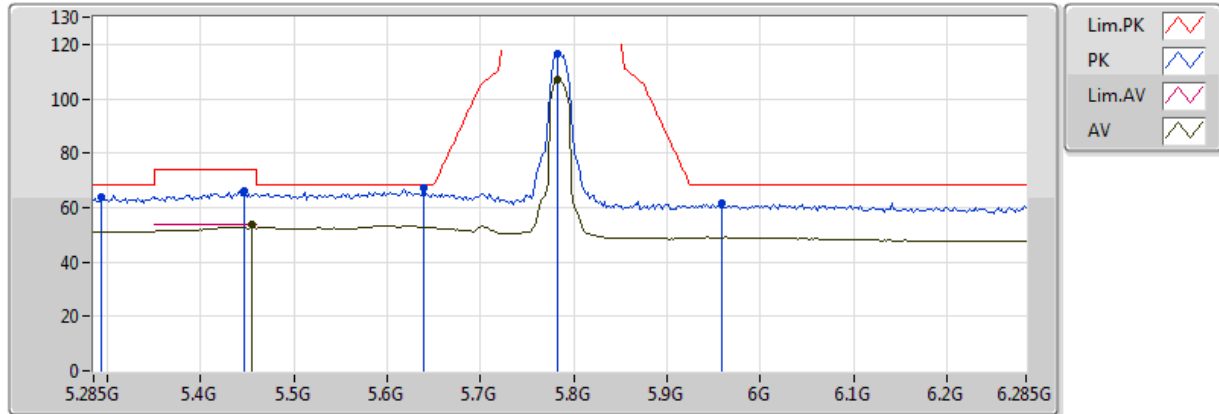
EUT X_2TX
Setting 21
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.399G	52.58	54.00	-1.42	11.25	3	Vertical	144	1.26	-
AV	5.791G	102.86	Inf	-Inf	10.73	3	Vertical	144	1.26	-
PK	5.337G	63.42	68.20	-4.78	10.87	3	Vertical	144	1.26	-
PK	5.409G	63.89	74.00	-10.11	11.23	3	Vertical	144	1.26	-
PK	5.559G	64.03	68.20	-4.17	10.69	3	Vertical	144	1.26	-
PK	5.791G	112.88	Inf	-Inf	10.73	3	Vertical	144	1.26	-
PK	5.925G	60.60	68.20	-7.60	11.07	3	Vertical	144	1.26	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

01/03/2018



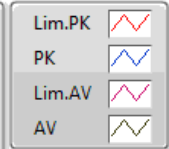
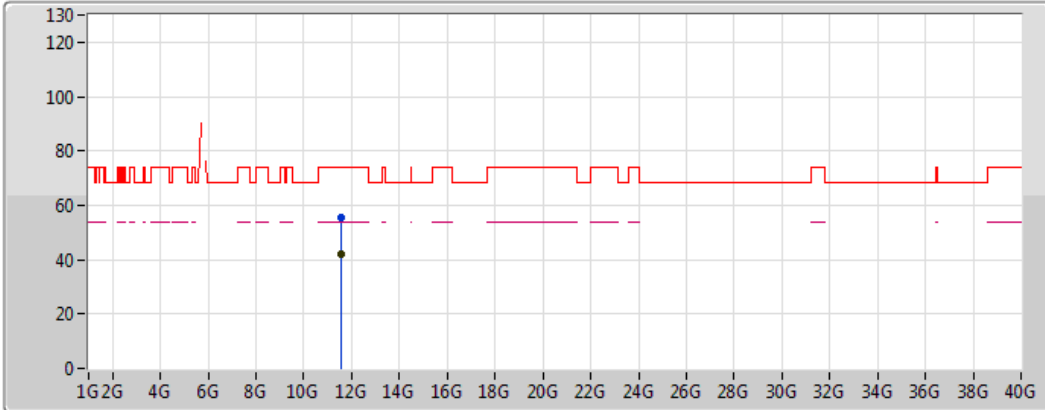
EUT X_2TX
Setting 21
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.455G	53.95	54.00	-0.05	11.10	3	Horizontal	141	2.12	-				
AV	5.783G	106.75	Inf	-Inf	10.72	3	Horizontal	141	2.12	-				
PK	5.293G	63.63	68.20	-4.57	10.60	3	Horizontal	141	2.12	-				
PK	5.447G	66.32	74.00	-7.68	11.12	3	Horizontal	141	2.12	-				
PK	5.639G	67.12	68.20	-1.08	10.54	3	Horizontal	141	2.12	-				
PK	5.783G	116.43	Inf	-Inf	10.72	3	Horizontal	141	2.12	-				
PK	5.959G	61.36	68.20	-6.84	11.16	3	Horizontal	141	2.12	-				

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

01/03/2018



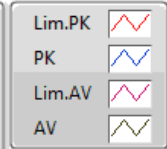
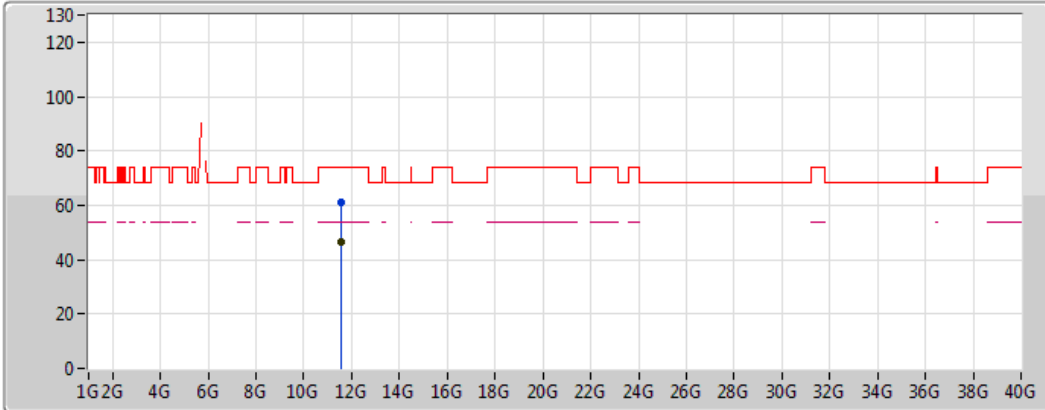
EUT X_2TX
Setting 21
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.5744G	41.75	54.00	-12.25	15.56	3	Vertical	144	1.26	-				
PK	11.57996G	55.42	74.00	-18.58	15.56	3	Vertical	144	1.26	-				

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

01/03/2018



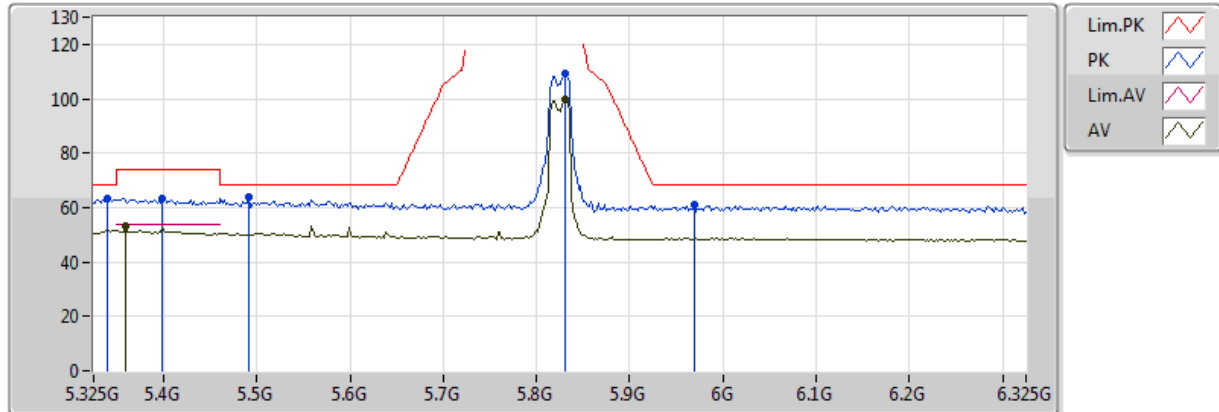
EUT X_2TX
Setting 21
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.577G	46.40	54.00	-7.60	15.56	3	Horizontal	359	2.90	-				
PK	11.5797G	61.21	74.00	-12.79	15.56	3	Horizontal	359	2.90	-				

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

01/03/2018



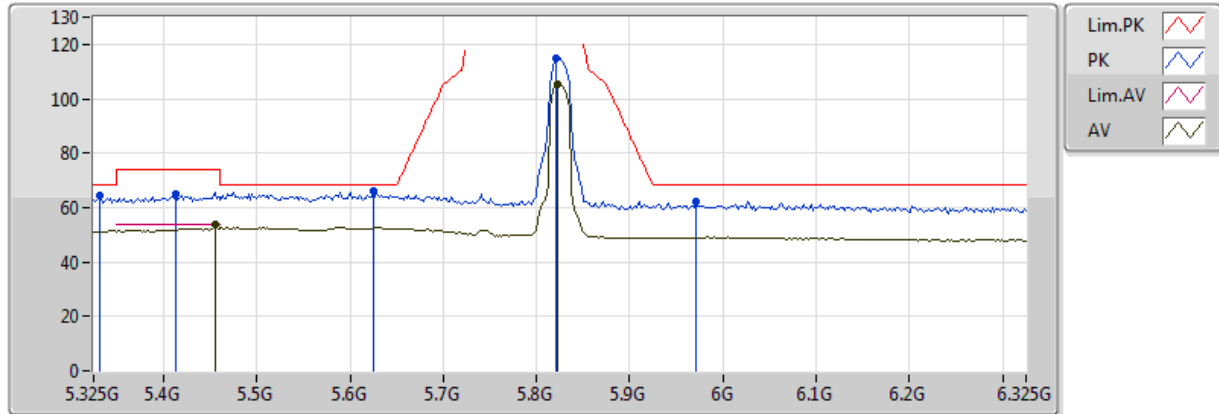
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.359G	53.05	54.00	-0.95	11.01	3	Vertical	178	1.09	-
AV	5.831G	99.88	Inf	-Inf	10.82	3	Vertical	178	1.09	-
PK	5.339G	63.08	68.20	-5.12	10.88	3	Vertical	178	1.09	-
PK	5.399G	63.18	74.00	-10.82	11.25	3	Vertical	178	1.09	-
PK	5.491G	63.84	68.20	-4.36	10.99	3	Vertical	178	1.09	-
PK	5.831G	109.35	Inf	-Inf	10.82	3	Vertical	178	1.09	-
PK	5.969G	61.08	68.20	-7.12	11.19	3	Vertical	178	1.09	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

01/03/2018



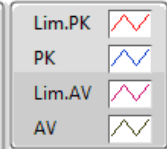
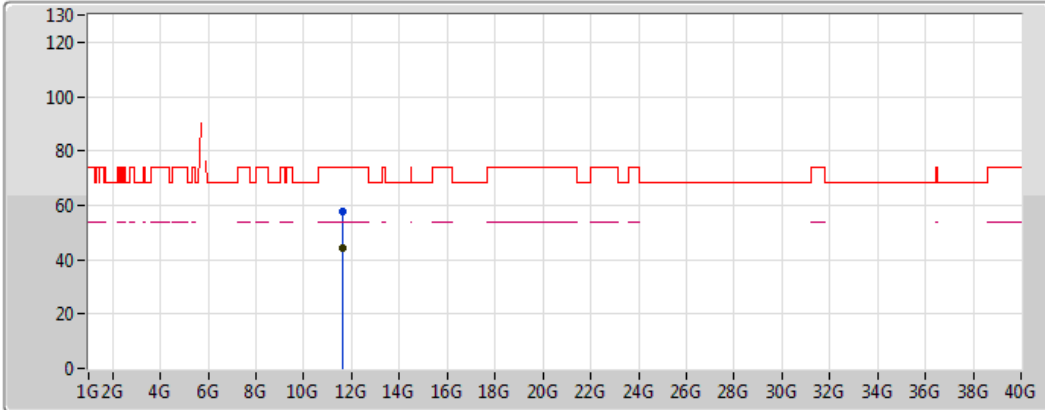
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.455G	53.58	54.00	-0.42	11.10	3	Horizontal	180	2.10	-				
AV	5.823G	105.52	Inf	-Inf	10.80	3	Horizontal	180	2.10	-				
PK	5.331G	64.71	68.20	-3.49	10.83	3	Horizontal	180	2.10	-				
PK	5.413G	65.22	74.00	-8.78	11.22	3	Horizontal	180	2.10	-				
PK	5.625G	66.00	68.20	-2.20	10.52	3	Horizontal	180	2.10	-				
PK	5.821G	114.93	Inf	-Inf	10.80	3	Horizontal	180	2.10	-				
PK	5.971G	61.94	68.20	-6.26	11.19	3	Horizontal	180	2.10	-				

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

01/03/2018



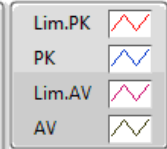
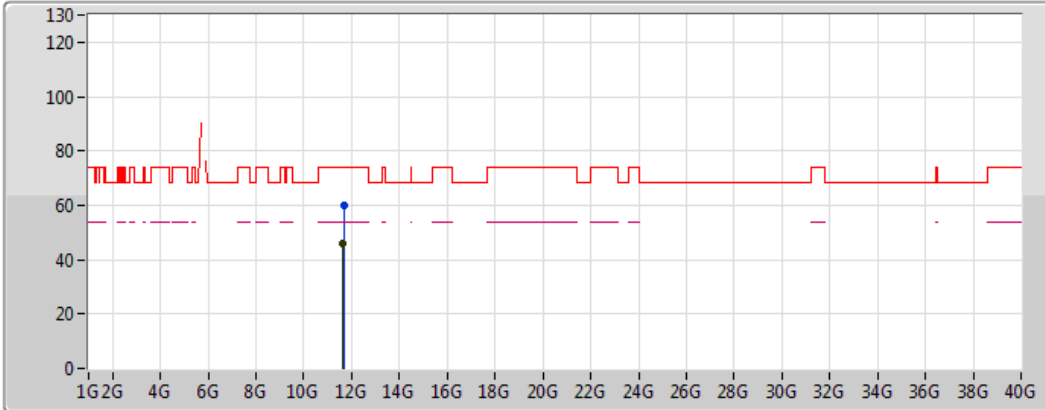
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.64888G	44.49	54.00	-9.51	15.66	3	Vertical	313	2.28	-				
PK	11.6486G	57.73	74.00	-16.27	15.66	3	Vertical	313	2.28	-				

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

01/03/2018



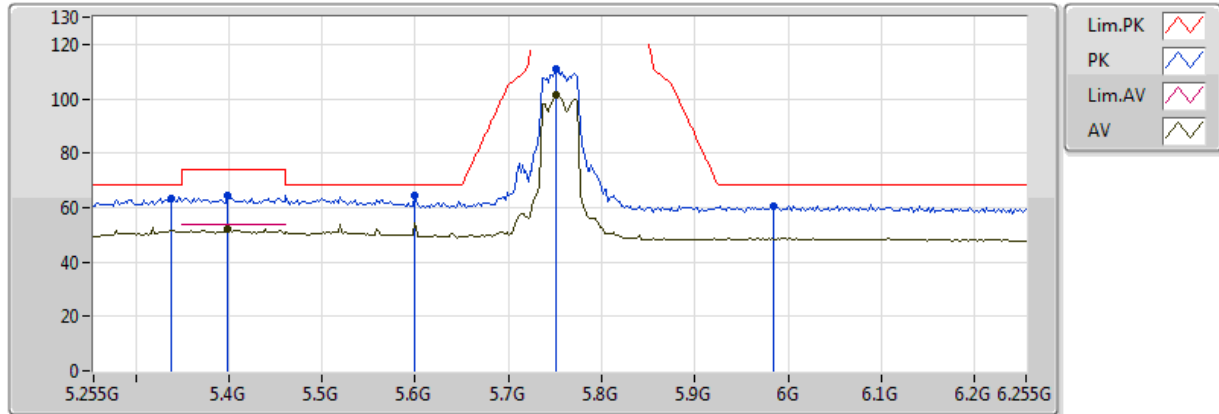
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.6414G	45.69	54.00	-8.31	15.65	3	Horizontal	58	1.76	-				
PK	11.6567G	59.90	74.00	-14.10	15.67	3	Horizontal	58	1.76	-				

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

01/03/2018



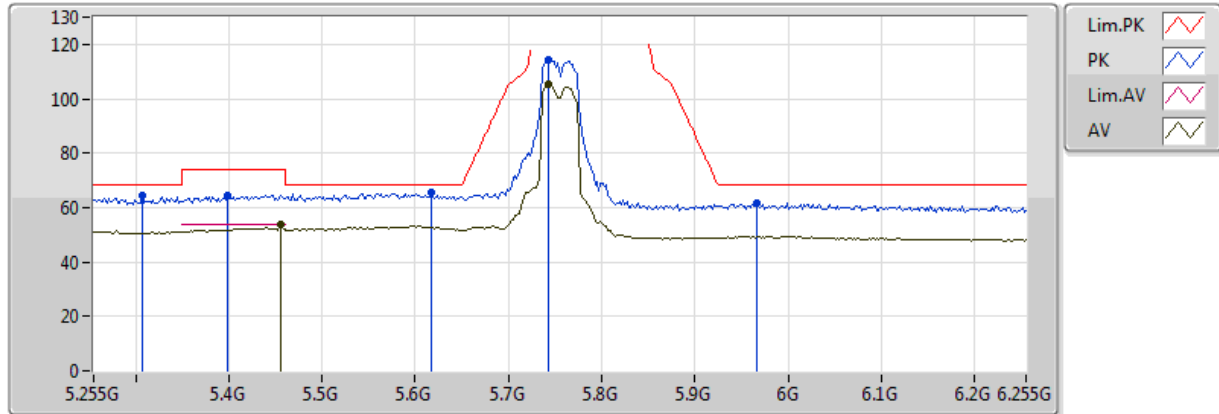
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.399G	52.20	54.00	-1.80	11.25	3	Vertical	167	1.20	-
AV	5.751G	101.15	Inf	-Inf	10.67	3	Vertical	167	1.20	-
PK	5.339G	63.35	68.20	-4.85	10.88	3	Vertical	167	1.20	-
PK	5.399G	64.23	74.00	-9.77	11.25	3	Vertical	167	1.20	-
PK	5.599G	64.56	68.20	-3.64	10.50	3	Vertical	167	1.20	-
PK	5.751G	111.19	Inf	-Inf	10.67	3	Vertical	167	1.20	-
PK	5.985G	60.39	68.20	-7.81	11.23	3	Vertical	167	1.20	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

01/03/2018



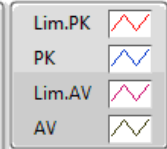
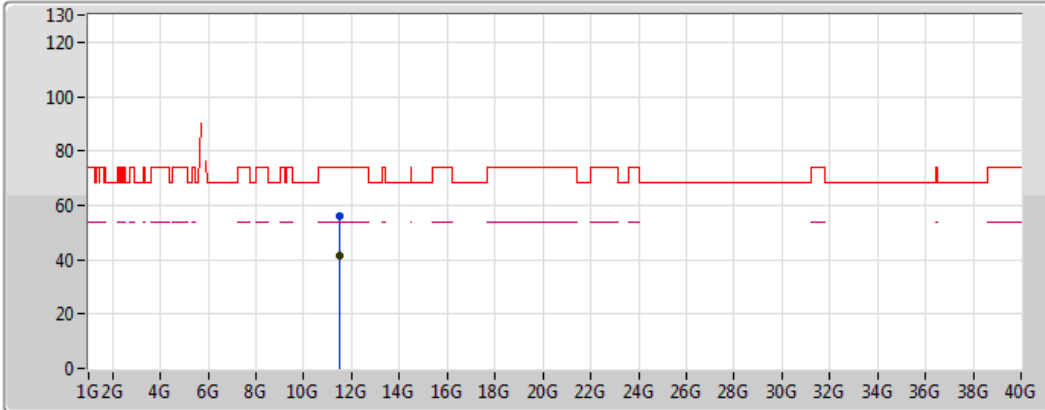
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.455G	53.55	54.00	-0.45	11.10	3	Horizontal	166	2.23	-				
AV	5.743G	105.49	Inf	-Inf	10.66	3	Horizontal	166	2.23	-				
PK	5.617G	65.40	68.20	-2.80	10.52	3	Horizontal	166	2.23	-				
PK	5.743G	114.53	Inf	-Inf	10.66	3	Horizontal	166	2.23	-				
PK	5.967G	61.72	68.20	-6.48	11.18	3	Horizontal	166	2.23	-				
PK	5.399G	64.27	74.00	-9.73	11.25	3	Horizontal	166	2.23	-				
PK	5.307G	64.24	68.20	-3.96	10.68	3	Horizontal	166	2.23	-				

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

01/03/2018



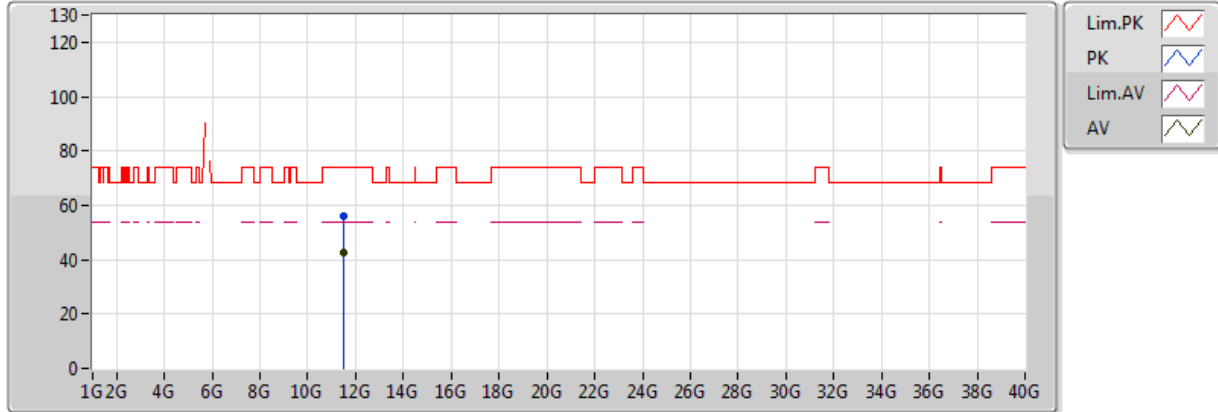
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.5082G	41.71	54.00	-12.29	15.47	3	Vertical	277	2.13	-				
PK	11.50664G	55.88	74.00	-18.12	15.46	3	Vertical	277	2.13	-				

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

01/03/2018



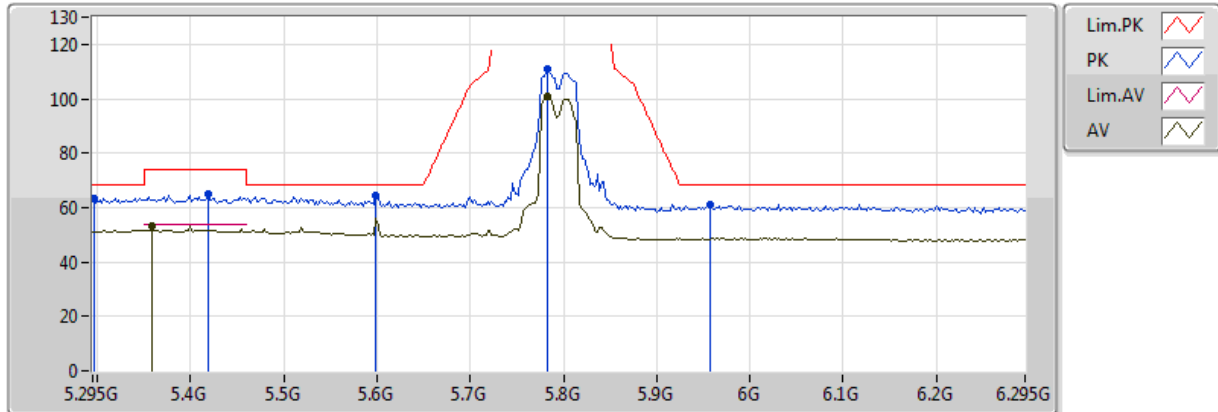
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.50172G	42.66	54.00	-11.34	15.46	3	Horizontal	32	1.50	-				
PK	11.50404G	55.91	74.00	-18.09	15.46	3	Horizontal	32	1.50	-				

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

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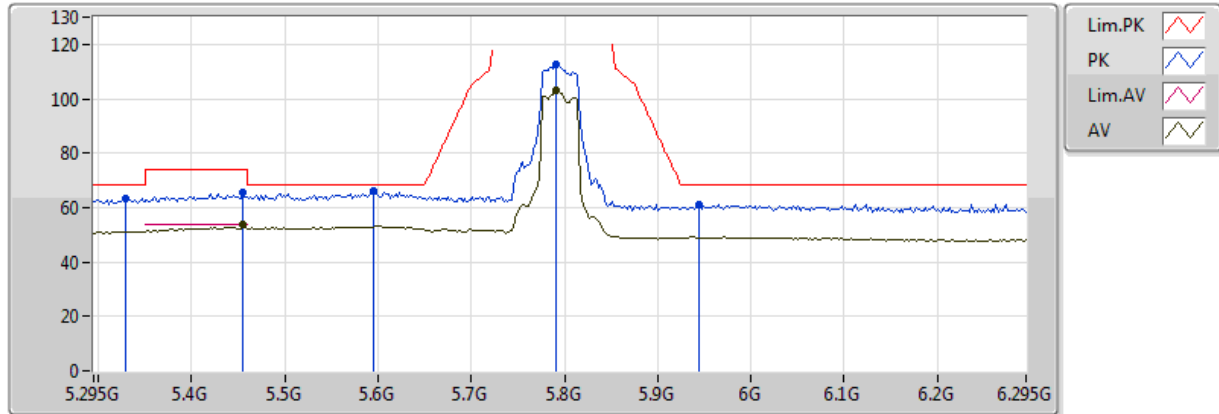
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.359G	53.36	54.00	-0.64	11.01	3	Vertical	175	1.03	-
AV	5.783G	100.62	Inf	-Inf	10.72	3	Vertical	175	1.03	-
PK	5.297G	63.41	68.20	-4.79	10.62	3	Vertical	175	1.03	-
PK	5.419G	64.99	74.00	-9.01	11.20	3	Vertical	175	1.03	-
PK	5.599G	64.53	68.20	-3.67	10.50	3	Vertical	175	1.03	-
PK	5.783G	110.89	Inf	-Inf	10.72	3	Vertical	175	1.03	-
PK	5.957G	60.88	68.20	-7.32	11.16	3	Vertical	175	1.03	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

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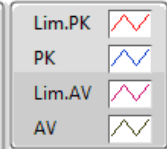
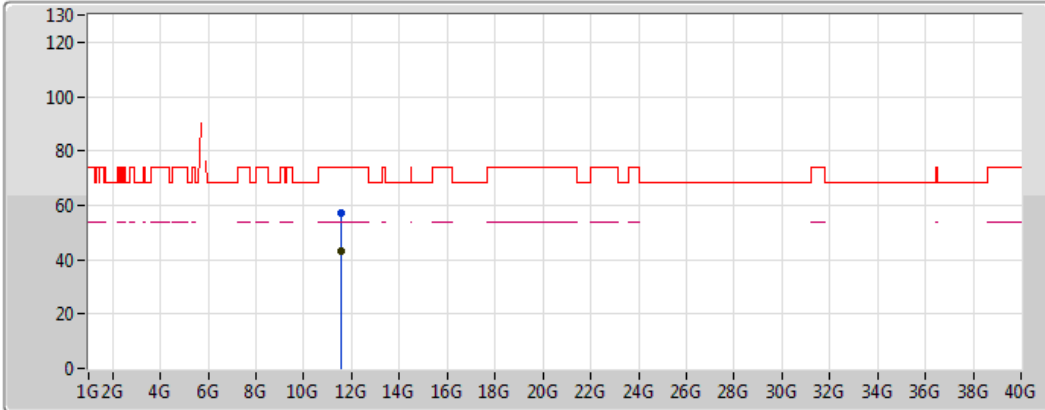
EUT X_2TX
Setting 20
02-N-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.455G	53.79	54.00	-0.21	11.10	3	Horizontal	157	2.23	-
AV	5.791G	102.98	Inf	-Inf	10.73	3	Horizontal	157	2.23	-
PK	5.329G	63.50	68.20	-4.70	10.82	3	Horizontal	157	2.23	-
PK	5.455G	65.61	74.00	-8.39	11.10	3	Horizontal	157	2.23	-
PK	5.595G	66.23	68.20	-1.97	10.52	3	Horizontal	157	2.23	-
PK	5.791G	112.60	Inf	-Inf	10.73	3	Horizontal	157	2.23	-
PK	5.945G	61.31	68.20	-6.89	11.13	3	Horizontal	157	2.23	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

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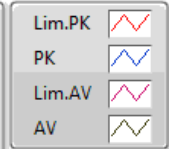
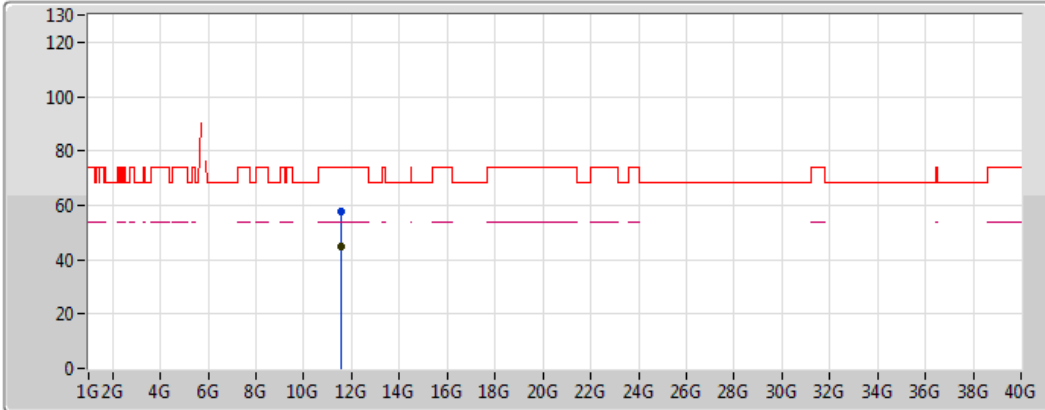
EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.59032G	43.05	54.00	-10.95	15.58	3	Vertical	275	2.20	-				
PK	11.591G	56.93	74.00	-17.07	15.58	3	Vertical	275	2.20	-				

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

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EUT X_2TX
Setting 20
02-N-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.5806G	44.80	54.00	-9.20	15.57	3	Horizontal	35	2.04	-				
PK	11.5816G	57.60	74.00	-16.40	15.57	3	Horizontal	35	2.04	-				