FCC Test Report

Equipment	:	5GHz 300Mbps 13dBi Outdoor CPE
Brand Name	:	tp-link
Model No.	:	CPE510
FCC ID	:	TE7CPE510V3
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5725 MHz – 5850 MHz
Applicant	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central Science and Technology Park,Nanshan Shenzhen,518057 China
Manufacturer	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central Science and Technology Park,Nanshan Shenzhen,518057 China
Function	:	☐ Outdoor; ☐ Indoor; ☒ Fixed P2P ☐ Client

The product sample received on Jul. 07, 2017 and completely tested on Sep. 07, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Cliff Chang
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR780308	Rev. 01	Initial issue of report	Sep. 14, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a (10M), n (HT10),	5180-5240	36-48 [3]
	a (20M), n (HT20)	5180-5240	36-48 [4]
5725-5850	a (10M), n (HT10),	5745-5825	149-165 [3]
	a (20M), n (HT20)	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	802.11n HT10	10	2TX
5.15-5.25GHz	802.11a (20M)	20	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	802.11n HT10	10	2TX
5.725-5.85GHz	802.11a (20M)	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

Note:
- 11a (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	P/N	Antenna Type	Connector	Gain (dBi)	
						5G Band 1	5G Band 4
1	1	TP-LINK	3101501565	Dipole Antenna	I-PEX	12.5	13.1
	2	TP-LINK	3101501565	Dipole Antenna	I-PEX	12.5	13.1

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a (10M)	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11a (20M)	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT10	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.992	0.035	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.977	0.101	2.395m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Gino Huang	23°C / 52%	Jul. 20, 2017~ Jul. 27, 2017
Radiated	03CH01-CB	Paul Chen & Welson Chen	22°C / 54%	Jul. 07, 2017~ Sep. 07, 2017
AC Conduction	CO01-CB	Max Lin & Wei Li	25°C / 57%	Aug. 09, 2017

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

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_(6Mbps)_2TX (20MHz)	-
5180MHz	19
5200MHz	21
5240MHz	21
5745MHz	18
5785MHz	16
5825MHz	16
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	19
5200MHz	21
5240MHz	21
5745MHz	17
5785MHz	15.5
5825MHz	15
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	14.5
5230MHz	20
5755MHz	16.5
5795MHz	16
802.11a_(6Mbps)_2TX (10MHz)	-
5180MHz	20
5200MHz	21
5240MHz	21
5745MHz	19
5785MHz	18
5825MHz	16
802.11n HT10_Nss1,(MCS0)_2TX	-
5180MHz	21
5200MHz	21
5240MHz	21
5745MHz	19
5785MHz	18
5825MHz	17

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
Test Condition	Conducted measurement at transmit chains

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

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**	**P/N**	**Rating**
PoE	tp-link	TL-POE2412G	T240050-2-PoE	Input: 100-240V~50/60Hz, 0.4A Output: 24V, 0.5A
Other				
Power Cord*1: Non-Shielded 0.5m				

2.5 Support Equipment

For Test Site No: CO01-CB

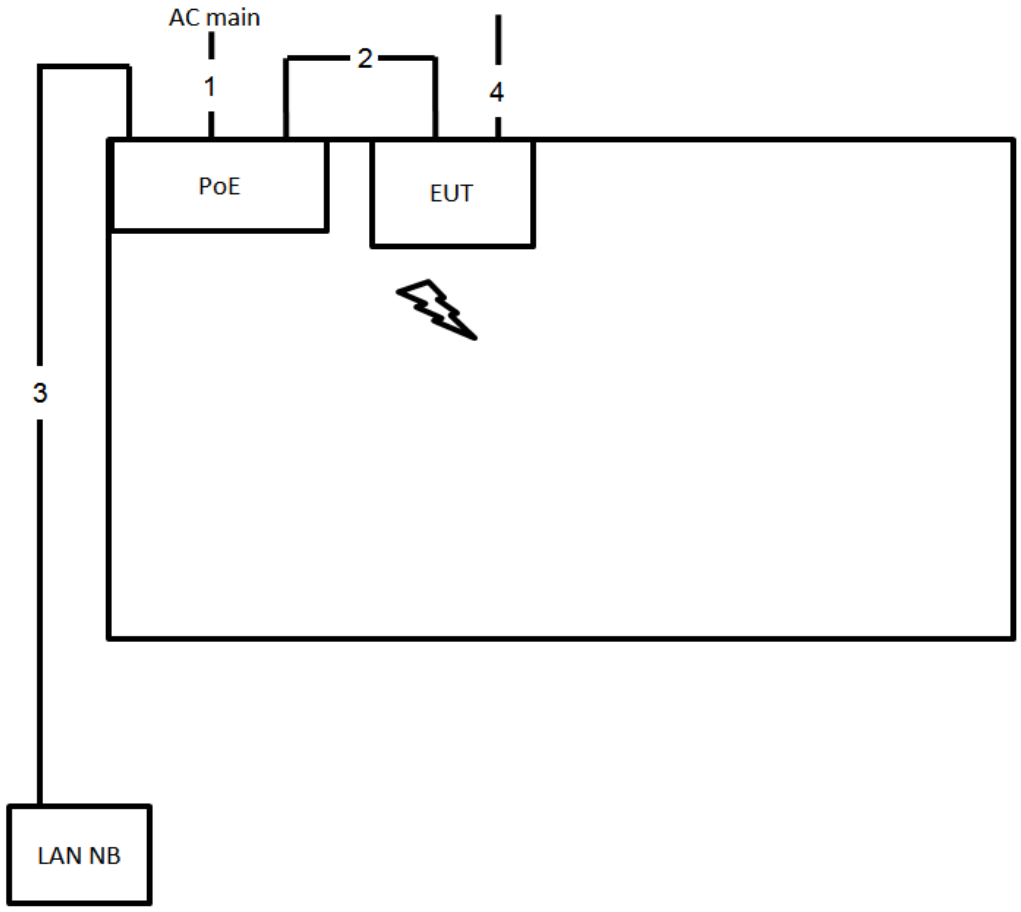
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E6430	DoC

For Test Site No: 03CH01-CB and TH01-CB

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

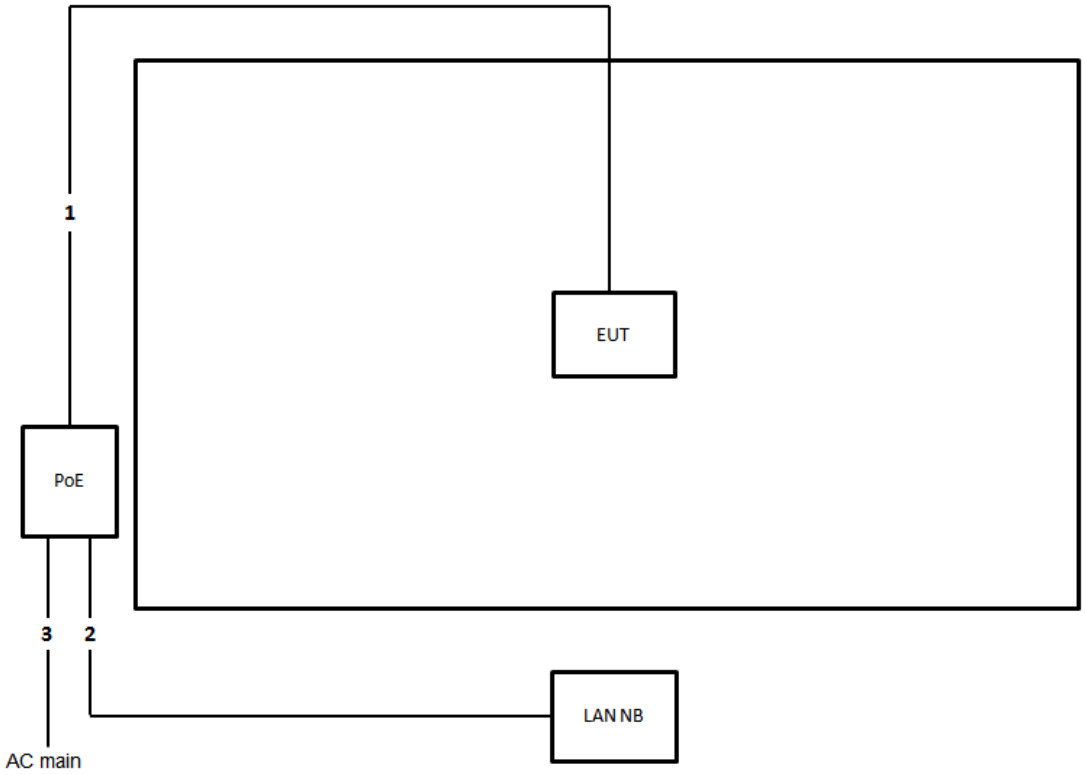
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ-45 cable	Yes	10m
2	RJ-45 cable	Yes	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

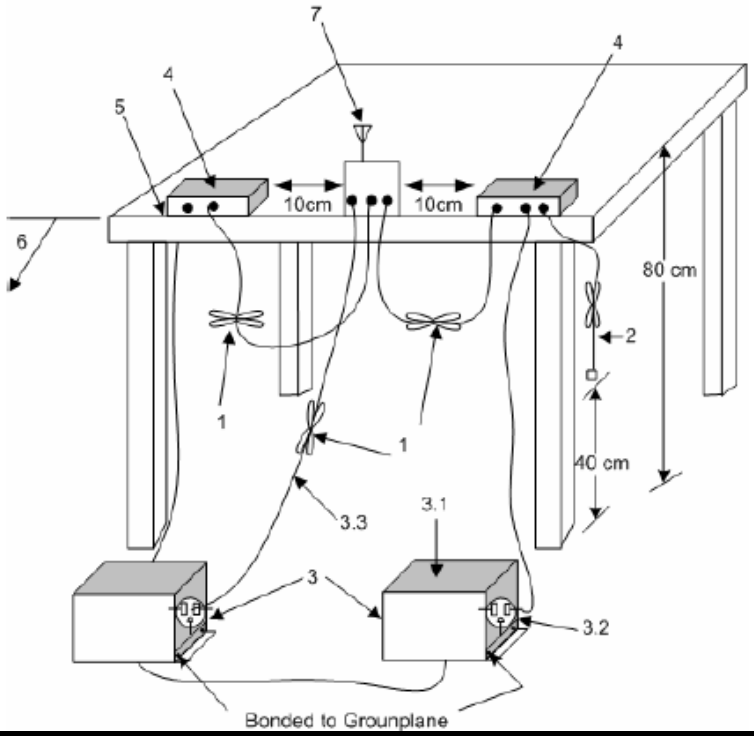
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

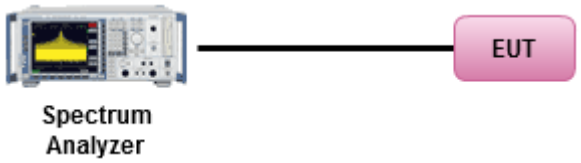
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

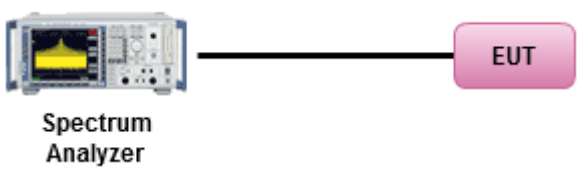
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below:
	☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
	☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

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

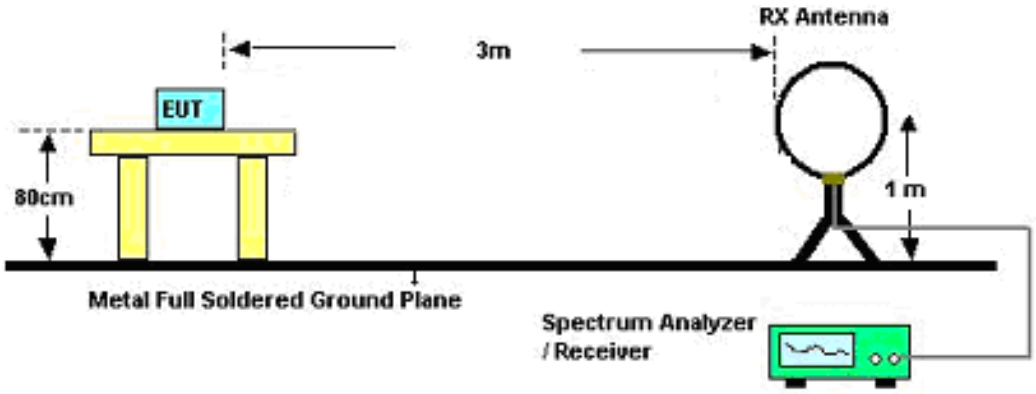
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

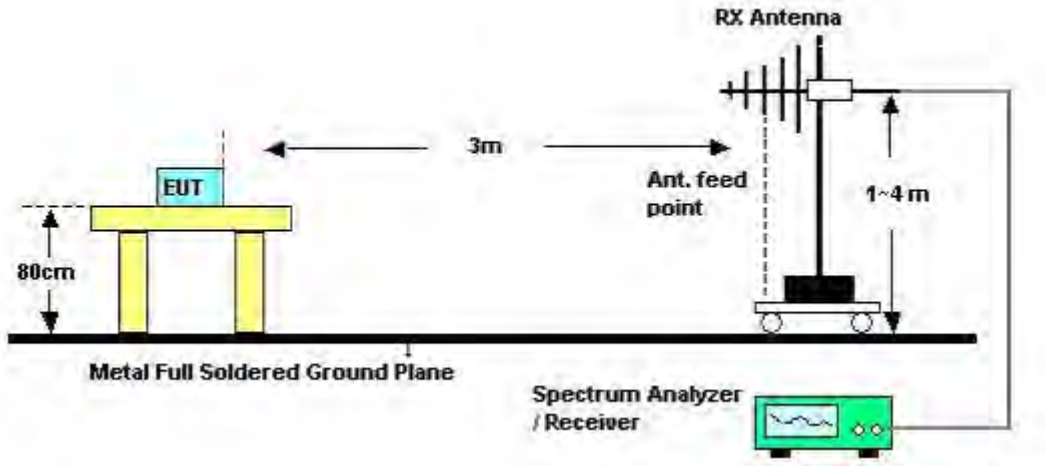
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

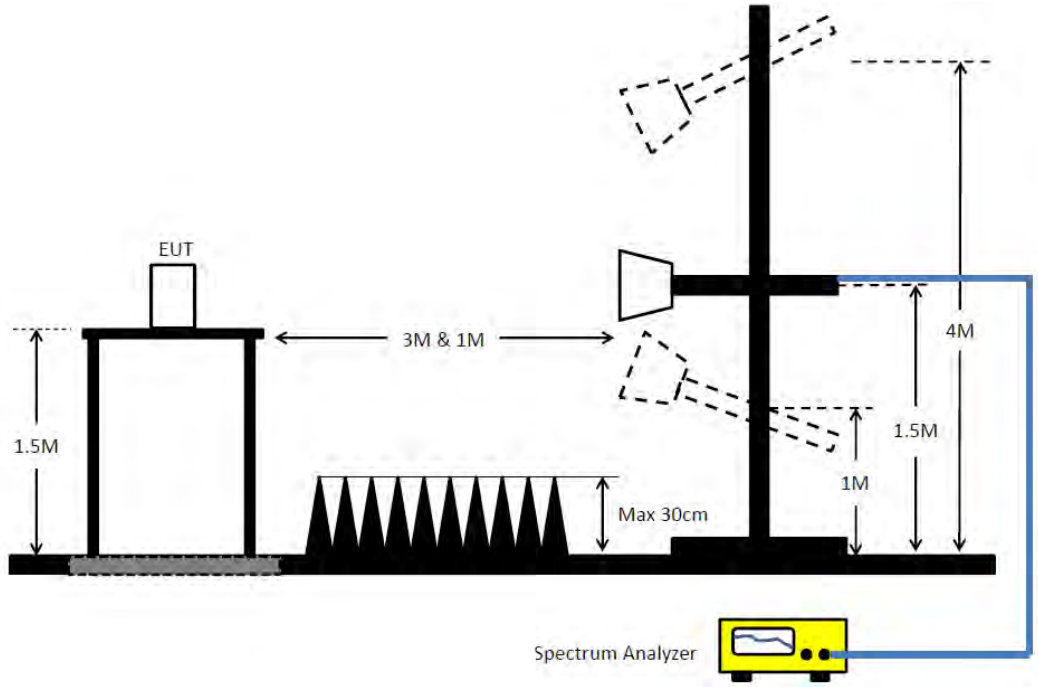
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

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

3.6.2 Measuring Instruments

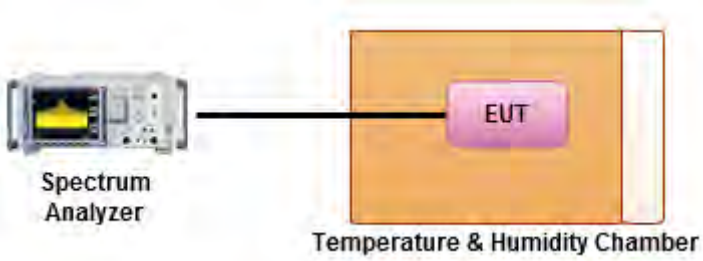
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage
	▪ Extreme temperature is -40˚C~70˚C.

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Result of Frequency Stability

Refer as Appendix F

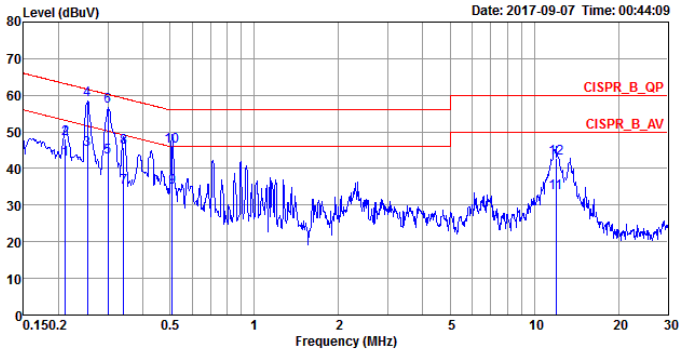
4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Jan. 22, 2018	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	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Dec. 20, 2017	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	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)
Amplifier	-	-	TF-130N-R1	26GHz ~ 40GHz	Jun. 20, 2017	Jun. 19, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz~1 GHz	Oct. 24, 2016	Oct. 23, 2017	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+17	N/A	1 GHz~18 GHz	Oct. 24, 2016	Oct. 23, 2017	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)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz~40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	N/A	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. 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-7	1 GHz–26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	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-9	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. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Nov. 21, 2017	Conducted (TH01-CB)

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

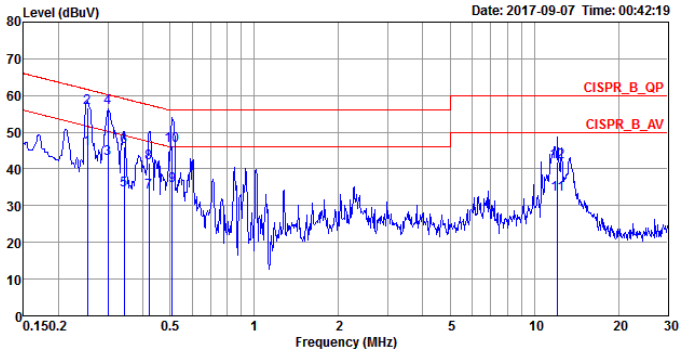
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	CTX		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2117	42.63	-10.51	53.14	32.46	10.05	0.12	Average	NEUTRAL
2	0.2117	48.18	-14.96	63.14	38.01	10.05	0.12	QP	NEUTRAL
3	0.2535	45.16	-6.48	51.64	34.99	10.08	0.09	Average	NEUTRAL
4	0.2535	58.64	-3.00	61.64	48.47	10.08	0.09	QP	NEUTRAL
5	0.3003	43.13	-7.11	50.24	32.92	10.15	0.06	Average	NEUTRAL
6	0.3003	56.89	-3.35	60.24	46.68	10.15	0.06	QP	NEUTRAL
7	0.3410	34.73	-14.45	49.18	24.50	10.19	0.04	Average	NEUTRAL
8	0.3410	45.63	-13.55	59.18	35.40	10.19	0.04	QP	NEUTRAL
9	0.5101	34.87	-11.13	46.00	24.59	10.22	0.06	Average	NEUTRAL
10	0.5101	45.91	-10.09	56.00	35.63	10.22	0.06	QP	NEUTRAL
11	11.9328	33.24	-16.76	50.00	22.84	10.23	0.17	Average	NEUTRAL
12	11.9328	42.92	-17.08	60.00	32.52	10.23	0.17	QP	NEUTRAL

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2535	45.36	-6.28	51.64	35.35	9.92	0.09	Average	LINE
2	0.2535	56.56	-5.08	61.64	46.55	9.92	0.09	QP	LINE
3	0.3003	42.84	-7.40	50.24	32.85	9.93	0.06	Average	LINE
4	0.3003	56.68	-3.56	60.24	46.69	9.93	0.06	QP	LINE
5	0.3428	34.25	-14.88	49.13	24.27	9.94	0.04	Average	LINE
6	0.3428	46.03	-13.10	59.13	36.05	9.94	0.04	QP	LINE
7	0.4215	33.61	-13.81	47.42	23.64	9.95	0.02	Average	LINE
8	0.4215	41.50	-15.92	57.42	31.53	9.95	0.02	QP	LINE
9	0.5101	35.35	-10.65	46.00	25.34	9.95	0.06	Average	LINE
10	0.5101	46.27	-9.73	56.00	36.26	9.95	0.06	QP	LINE
11	12.1240	32.96	-17.04	50.00	22.62	10.17	0.17	Average	LINE
12	12.1240	41.94	-18.06	60.00	31.60	10.17	0.17	QP	LINE

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	30.4M	16.617M	16M6D1D	22.9M	16.492M
5.725-5.85GHz	16.35M	16.517M	16M5D1D	15.675M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	36M	17.766M	17M8D1D	24.3M	17.641M
5.725-5.85GHz	17.525M	17.691M	17M7D1D	17.05M	17.591M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	65.45M	36.432M	36M4D1D	47.15M	35.982M
5.725-5.85GHz	36.05M	36.332M	36M3D1D	35.4M	36.132M
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	14.638M	8.221M	8M22D1D	10.9M	8.183M
5.725-5.85GHz	8.2M	8.208M	8M21D1D	8.175M	8.183M
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	13.425M	8.833M	8M83D1D	10.738M	8.796M
5.725-5.85GHz	8.825M	8.796M	8M80D1D	8.775M	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;

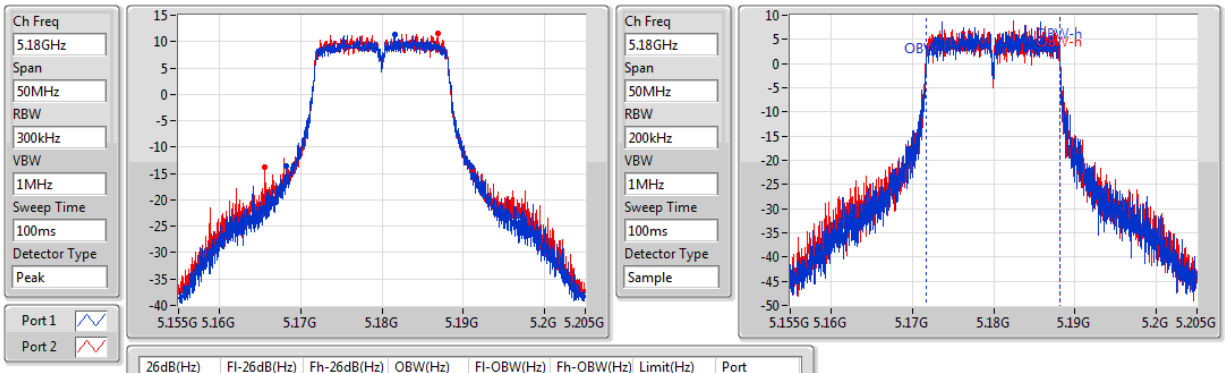
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.9M	16.492M	25.625M	16.517M
5200MHz	Pass	Inf	29.375M	16.592M	29.25M	16.617M
5240MHz	Pass	Inf	29.525M	16.567M	30.4M	16.592M
5745MHz	Pass	500k	16.35M	16.467M	15.675M	16.442M
5785MHz	Pass	500k	16.35M	16.517M	16.3M	16.492M
5825MHz	Pass	500k	16.3M	16.467M	16.325M	16.517M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.3M	17.716M	24.8M	17.641M
5200MHz	Pass	Inf	27.25M	17.691M	33.275M	17.766M
5240MHz	Pass	Inf	28.35M	17.691M	36M	17.741M
5745MHz	Pass	500k	17.05M	17.641M	17.275M	17.666M
5785MHz	Pass	500k	17.275M	17.641M	17.525M	17.691M
5825MHz	Pass	500k	17.15M	17.666M	17.15M	17.591M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	47.15M	36.332M	47.55M	36.232M
5230MHz	Pass	Inf	47.3M	35.982M	65.45M	36.432M
5755MHz	Pass	500k	35.95M	36.332M	35.4M	36.132M
5795MHz	Pass	500k	35.65M	36.182M	36.05M	36.282M
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	12.813M	8.208M	13.838M	8.221M
5200MHz	Pass	Inf	11.05M	8.183M	11.325M	8.208M
5240MHz	Pass	Inf	10.9M	8.208M	14.638M	8.208M
5745MHz	Pass	500k	8.2M	8.183M	8.175M	8.183M
5785MHz	Pass	500k	8.2M	8.196M	8.175M	8.183M
5825MHz	Pass	500k	8.2M	8.183M	8.188M	8.208M
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	10.738M	8.796M	12.5M	8.796M
5200MHz	Pass	Inf	11.138M	8.796M	12.55M	8.821M
5240MHz	Pass	Inf	11.975M	8.796M	13.425M	8.833M
5745MHz	Pass	500k	8.825M	8.796M	8.8M	8.771M
5785MHz	Pass	500k	8.8M	8.783M	8.813M	8.796M
5825MHz	Pass	500k	8.825M	8.796M	8.775M	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

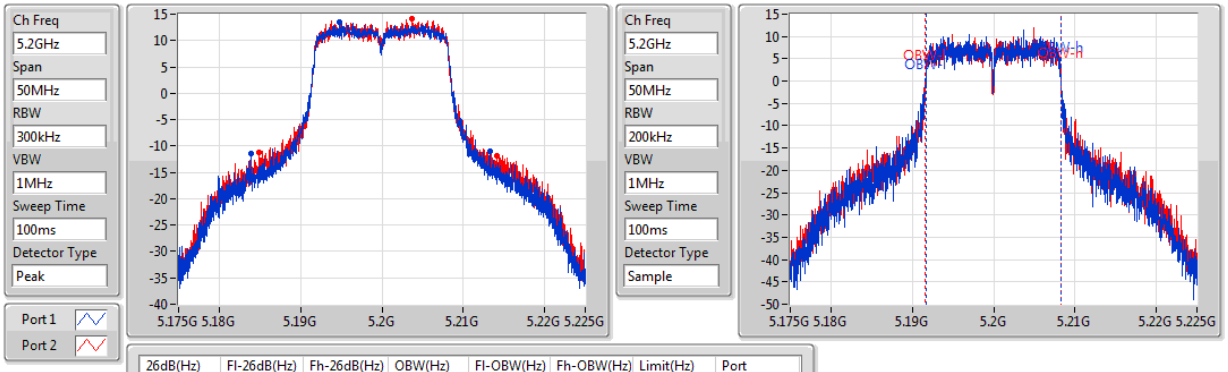
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.9M	5.168225G	5.191125G	16.492M	5.171679G	5.188171G	Inf	1
25.625M	5.16555G	5.191175G	16.517M	5.171679G	5.188196G	Inf	2

802.11a_(6Mbps)_2TX EBW

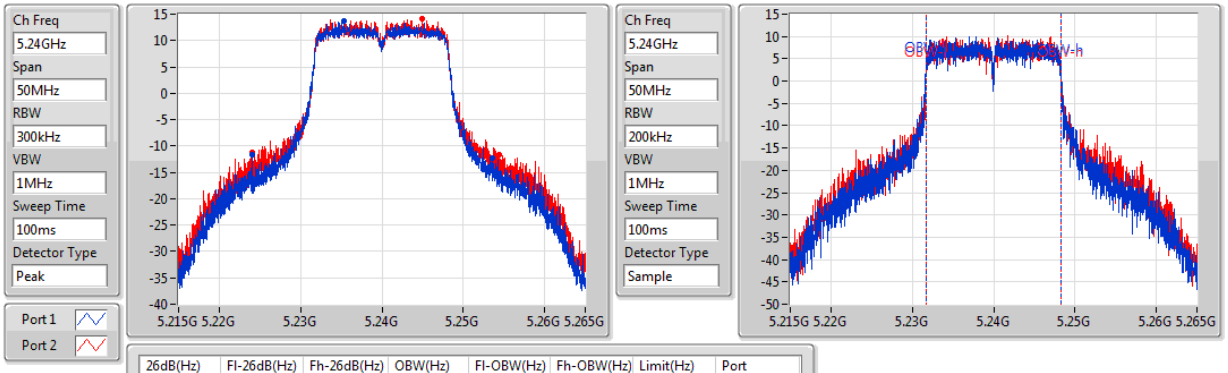
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.375M	5.183875G	5.21325G	16.592M	5.191654G	5.208246G	Inf	1
29.25M	5.1849G	5.21415G	16.617M	5.191629G	5.208246G	Inf	2

802.11a_(6Mbps)_2TX EBW

5240MHz

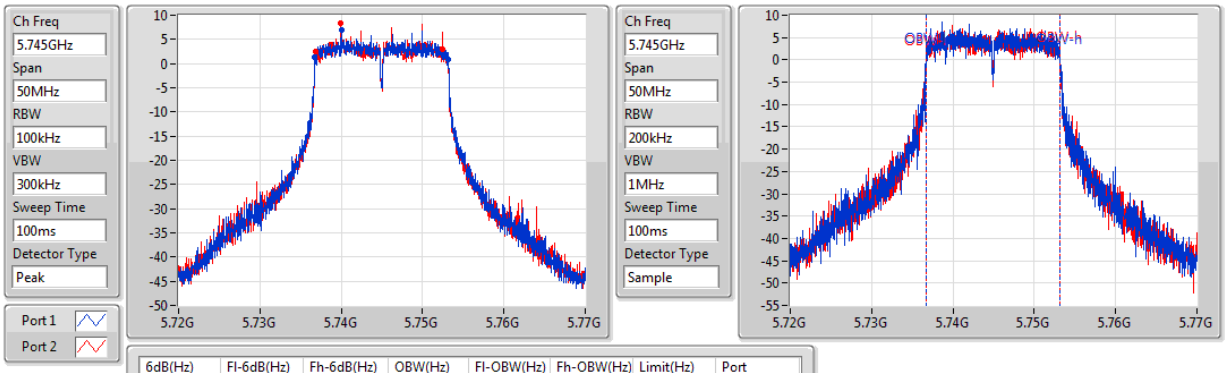


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.525M	5.224G	5.253525G	16.567M	5.231679G	5.248246G	Inf	1
30.4M	5.224075G	5.254475G	16.592M	5.231679G	5.248271G	Inf	2

802.11a_(6Mbps)_2TX

EBW

5745MHz

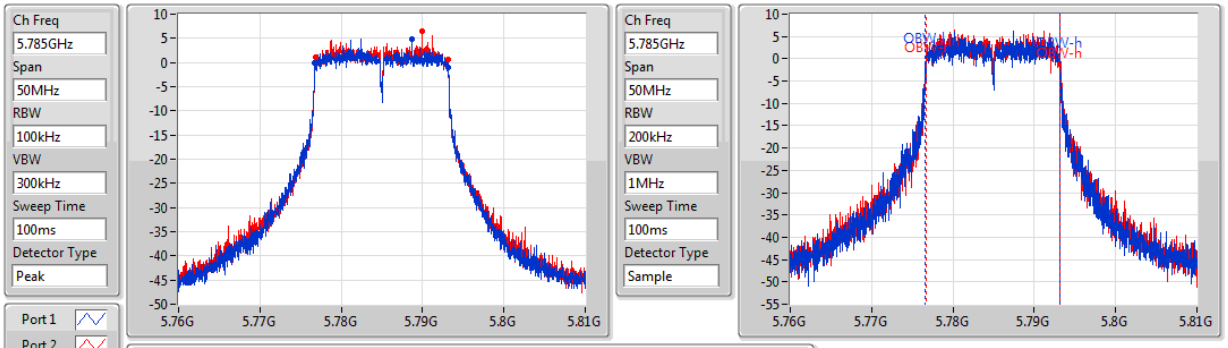


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.736775G	5.753125G	16.467M	5.736704G	5.753171G	500k	1
15.675M	5.7368G	5.752475G	16.442M	5.736704G	5.753146G	500k	2

802.11a_(6Mbps)_2TX

EBW

5785MHz

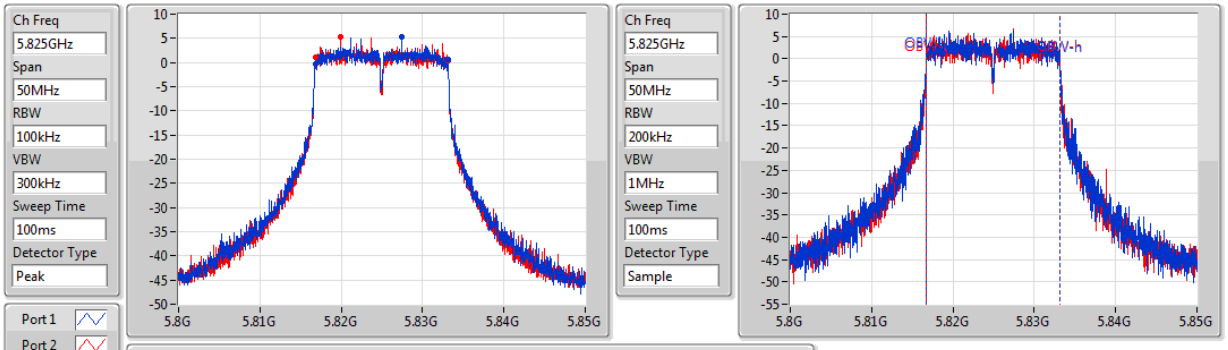


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.776775G	5.793125G	16.517M	5.776629G	5.793146G	500k	1
16.3M	5.7768G	5.7931G	16.492M	5.776704G	5.793196G	500k	2

802.11a_(6Mbps)_2TX

EBW

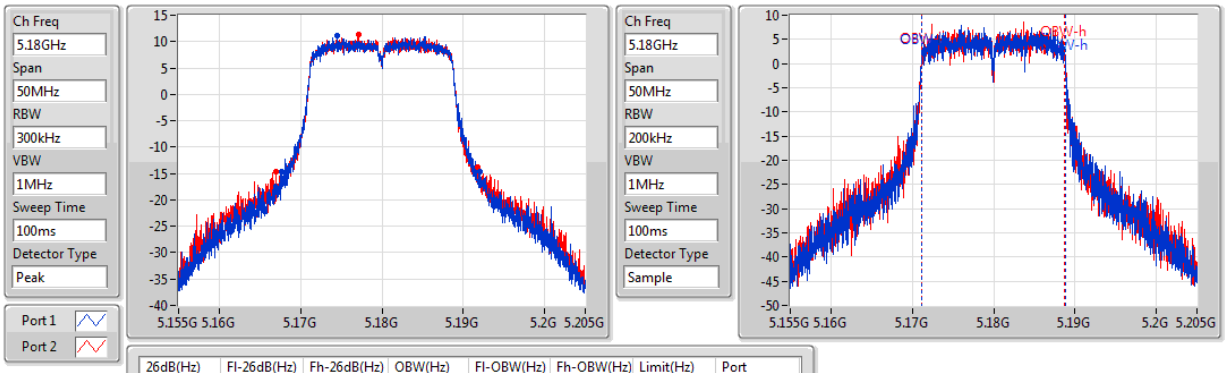
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.8168G	5.8331G	16.467M	5.816704G	5.833171G	500k	1
16.325M	5.8168G	5.833125G	16.517M	5.816679G	5.833196G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

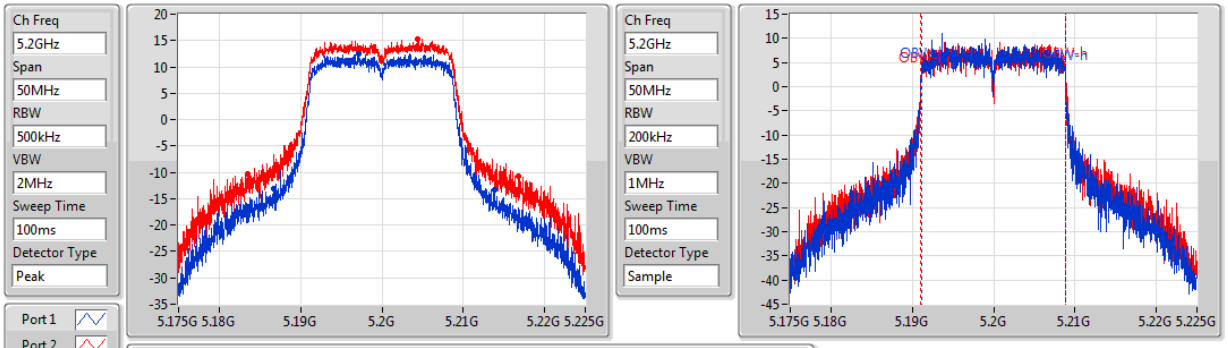
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.3M	5.167725G	5.192025G	17.716M	5.171104G	5.188821G	Inf	1
24.8M	5.16695G	5.19175G	17.641M	5.171129G	5.188771G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

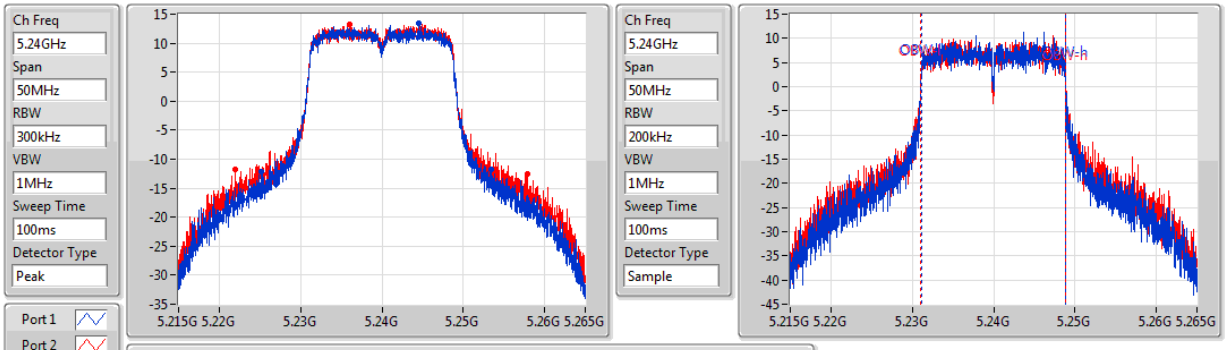
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.25M	5.186675G	5.213925G	17.691M	5.191104G	5.208796G	Inf	1
33.275M	5.183525G	5.2168G	17.766M	5.191079G	5.208846G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

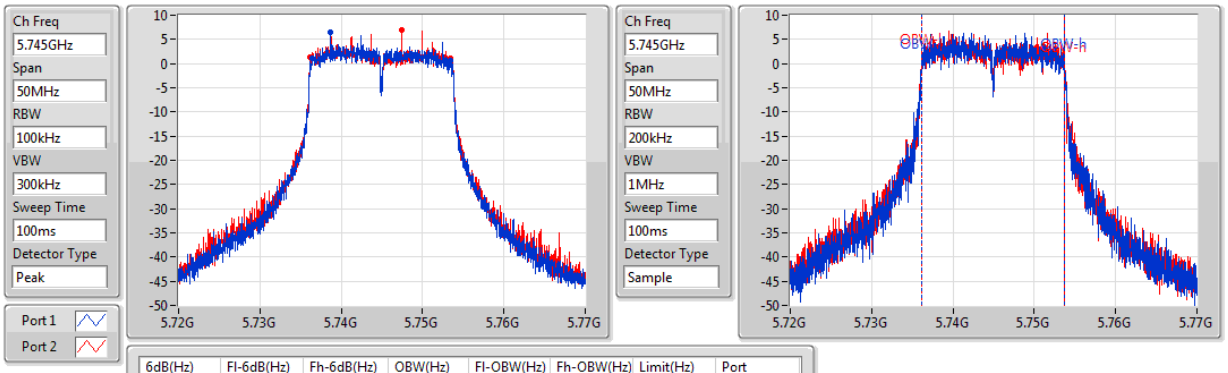
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.35M	5.225125G	5.253475G	17.691M	5.231104G	5.248796G	Inf	1
36M	5.221925G	5.257925G	17.741M	5.231079G	5.248821G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

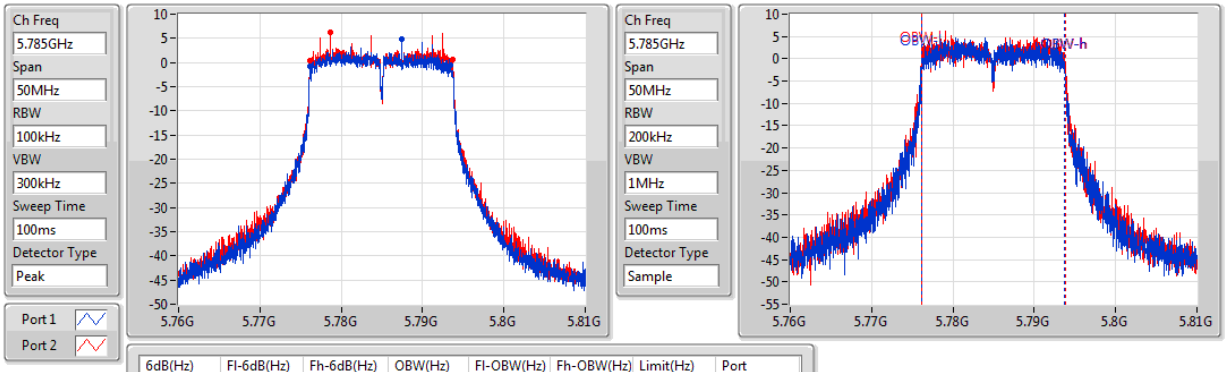
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.05M	5.736425G	5.753475G	17.641M	5.736104G	5.753746G	500k	1
17.275M	5.736175G	5.75345G	17.666M	5.736104G	5.753771G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

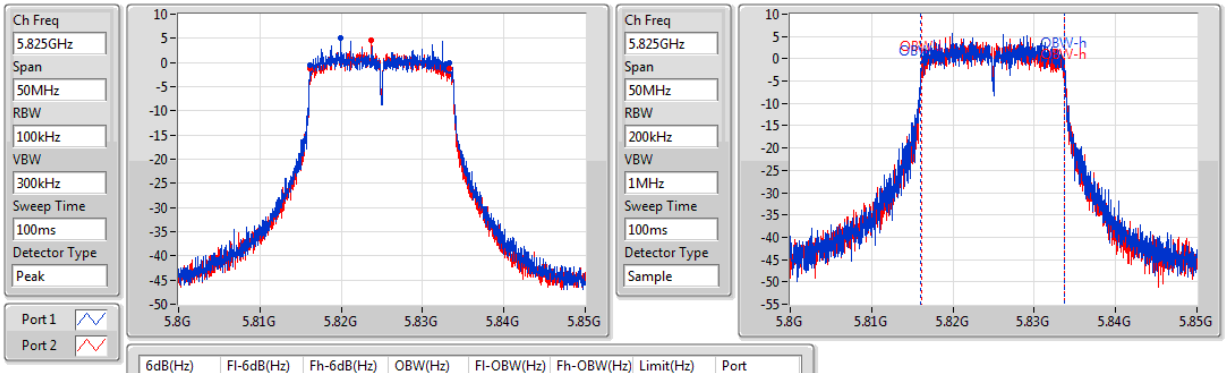
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.776175G	5.79345G	17.641M	5.776104G	5.793746G	500k	1
17.525M	5.7762G	5.793725G	17.691M	5.776104G	5.793796G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

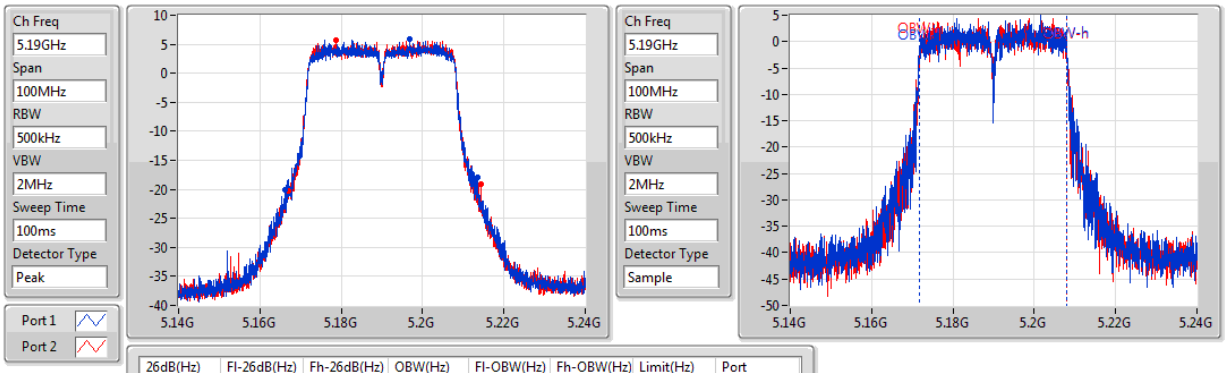
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	5.8162G	5.83335G	17.666M	5.816079G	5.833746G	500k	1
17.15M	5.8162G	5.83335G	17.591M	5.816129G	5.833721G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

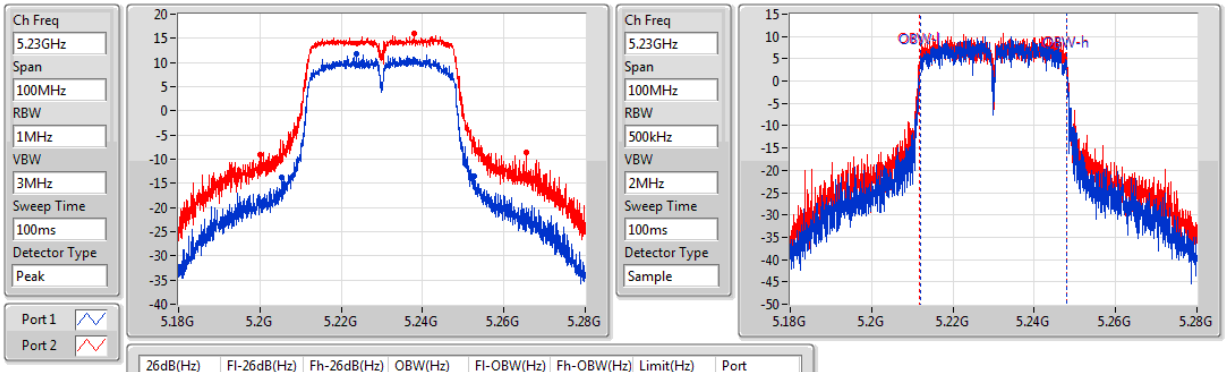
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.15M	5.16625G	5.2134G	36.332M	5.171759G	5.208091G	Inf	1
47.55M	5.16695G	5.2145G	36.232M	5.171859G	5.208091G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

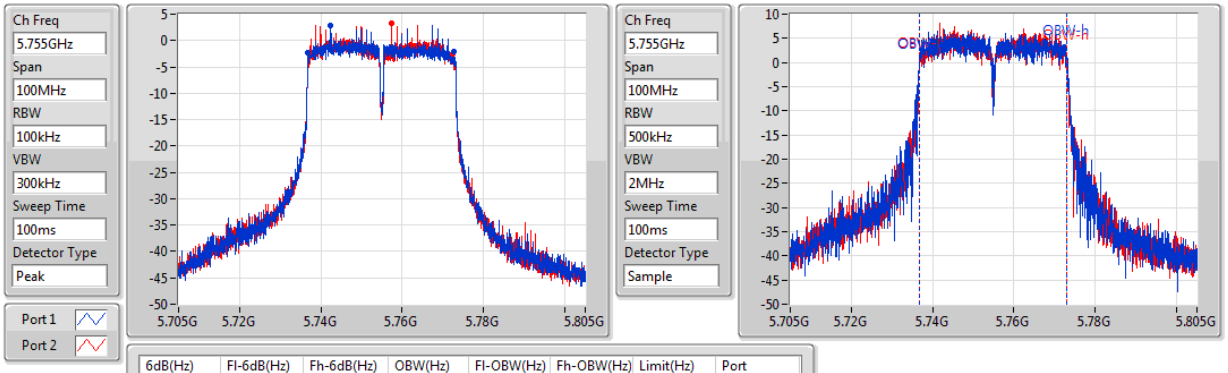
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.3M	5.2054G	5.2527G	35.982M	5.211909G	5.247891G	Inf	1
65.45M	5.2G	5.26545G	36.432M	5.211659G	5.248091G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

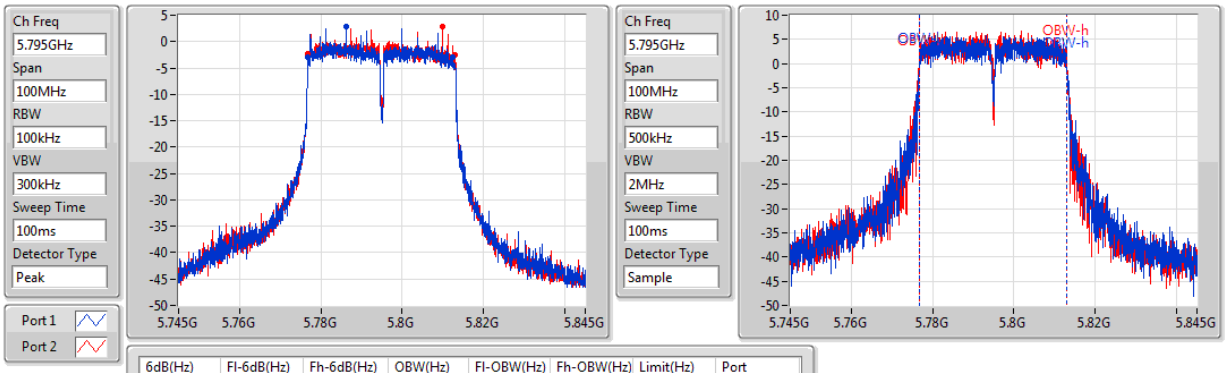
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	5.7368G	5.77275G	36.332M	5.736759G	5.773091G	500k	1
35.4M	5.73705G	5.77245G	36.132M	5.736809G	5.772941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

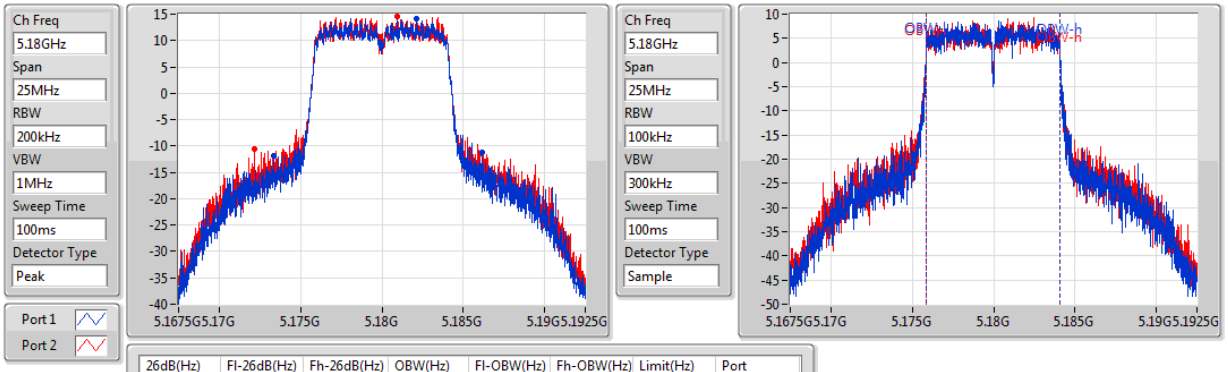
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	5.7768G	5.81245G	36.182M	5.776809G	5.812991G	500k	1
36.05M	5.7768G	5.81285G	36.282M	5.776759G	5.813041G	500k	2

802.11a_(6Mbps)_2TX EBW

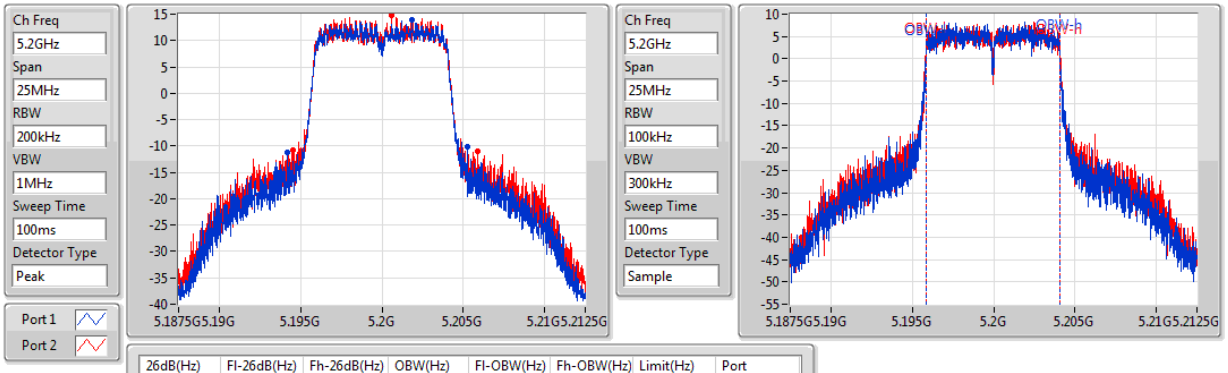
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.813M	5.173338G	5.18615G	8.208M	5.175865G	5.184073G	Inf	1
13.838M	5.172175G	5.186013G	8.221M	5.175852G	5.184073G	Inf	2

802.11a_(6Mbps)_2TX EBW

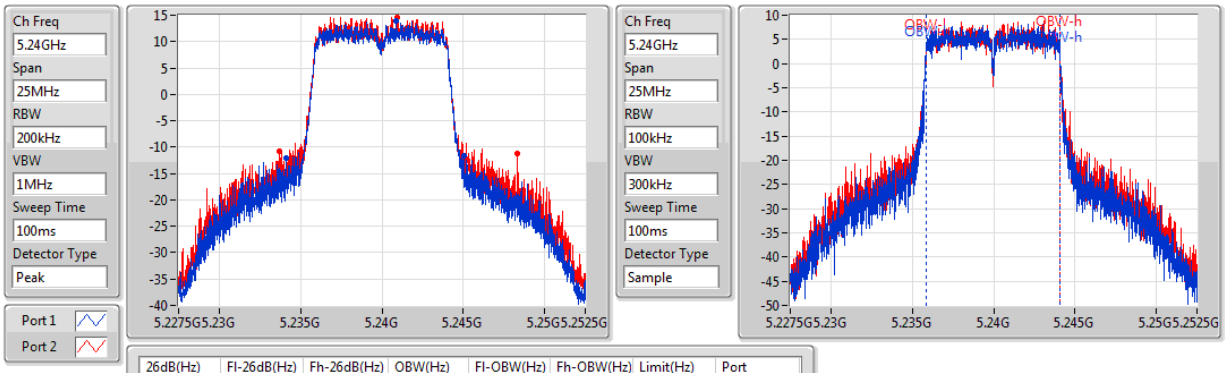
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.05M	5.194175G	5.205225G	8.183M	5.195865G	5.204048G	Inf	1
11.325M	5.19455G	5.205875G	8.208M	5.195852G	5.20406G	Inf	2

802.11a_(6Mbps)_2TX EBW

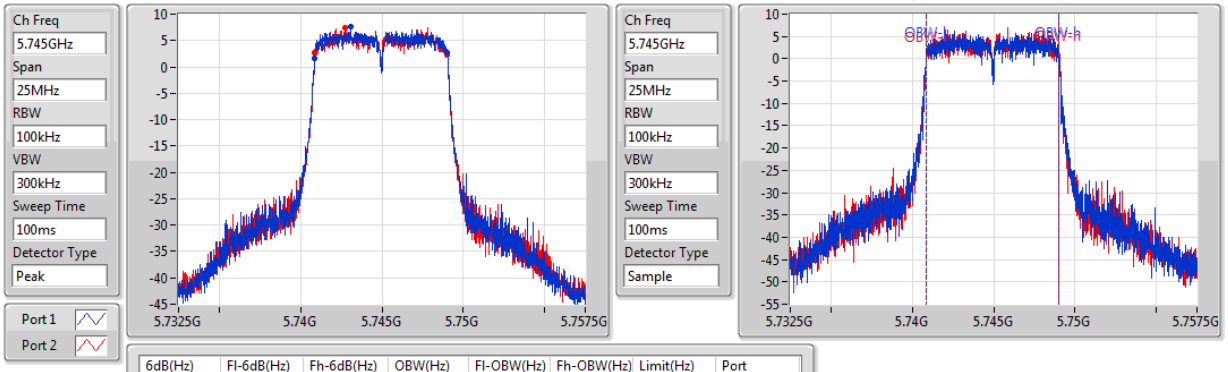
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.9M	5.234138G	5.245038G	8.208M	5.235852G	5.24406G	Inf	1
14.638M	5.233713G	5.24835G	8.208M	5.235852G	5.24406G	Inf	2

802.11a_(6Mbps)_2TX EBW

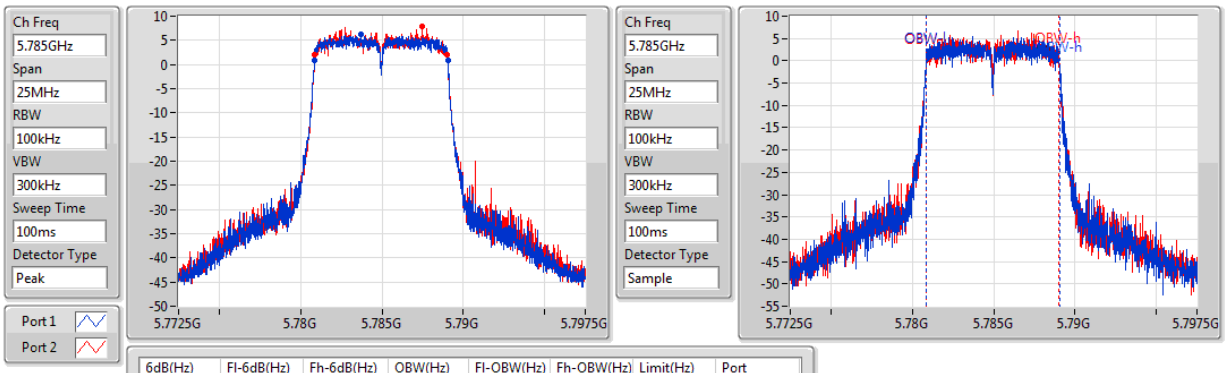
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.2M	5.740838G	5.749038G	8.183M	5.740852G	5.749035G	500k	1
8.175M	5.740863G	5.749038G	8.183M	5.740852G	5.749035G	500k	2

802.11a_(6Mbps)_2TX EBW

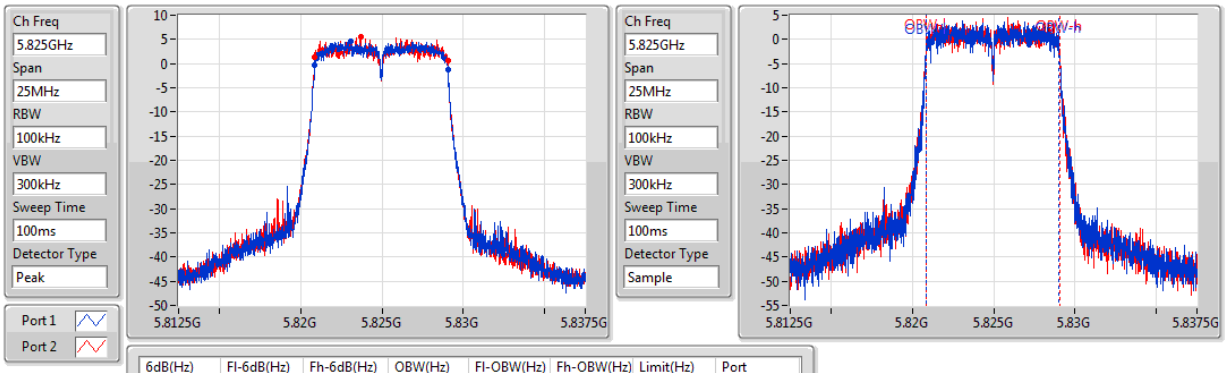
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.2M	5.78085G	5.78905G	8.196M	5.780852G	5.789048G	500k	1
8.175M	5.780863G	5.789038G	8.183M	5.780852G	5.789035G	500k	2

802.11a_(6Mbps)_2TX — EBW

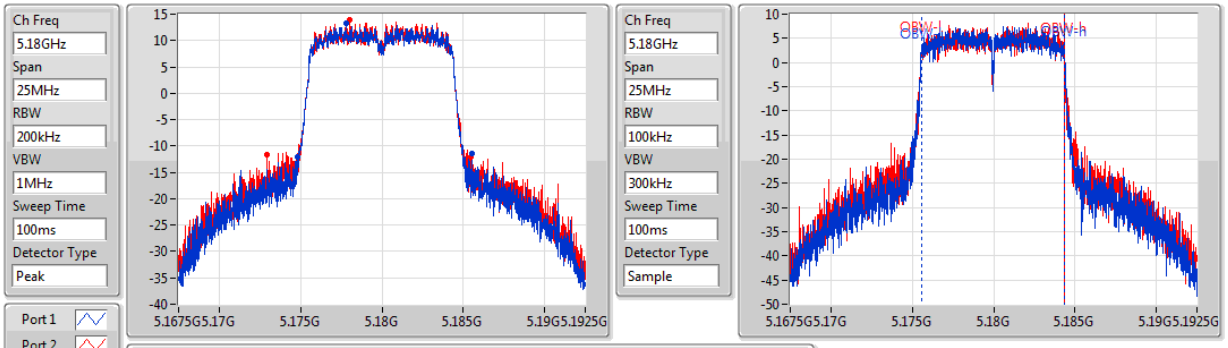
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.2M	5.820863G	5.829063G	8.183M	5.820852G	5.829035G	500k	1
8.188M	5.820863G	5.82905G	8.208M	5.82084G	5.829048G	500k	2

HT10_Nss1,(MCS0)_2TX — EBW

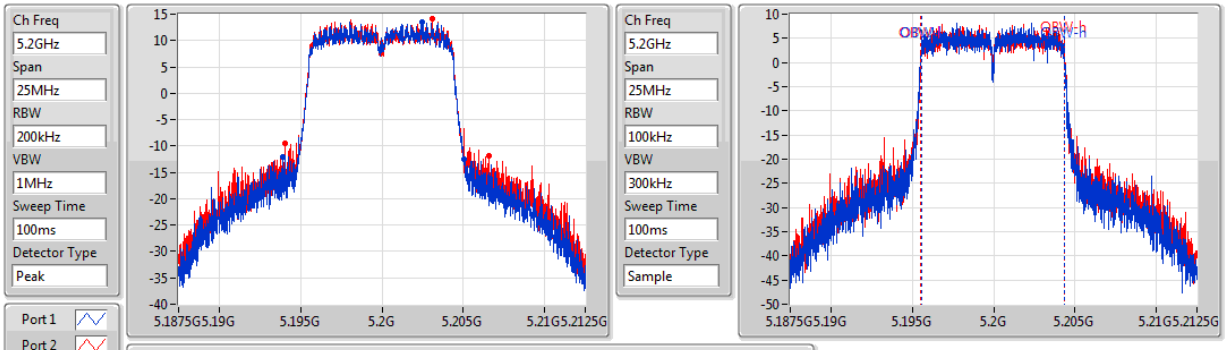
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.738M	5.1748G	5.185538G	8.796M	5.175552G	5.184348G	Inf	1
12.5M	5.172938G	5.185438G	8.796M	5.175552G	5.184348G	Inf	2

HT10_Nss1,(MCS0)_2TX — EBW

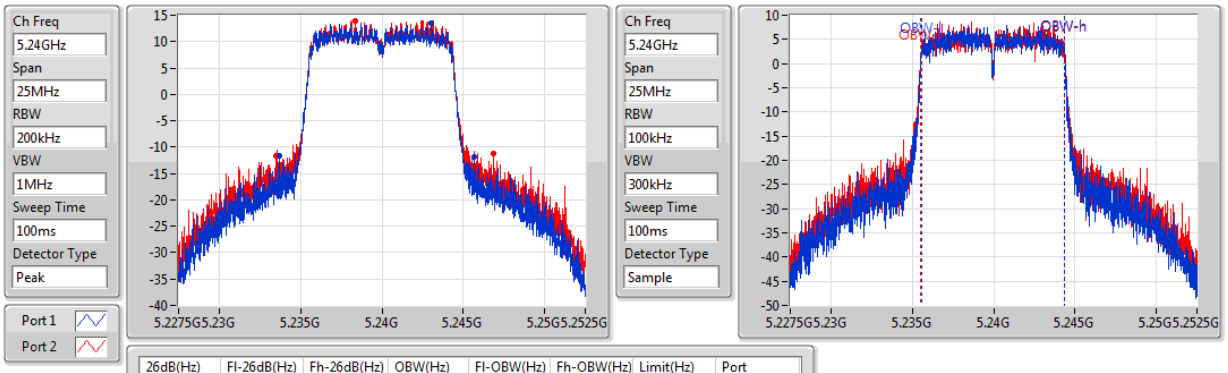
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.138M	5.193913G	5.20505G	8.796M	5.195552G	5.204348G	Inf	1
12.55M	5.19405G	5.2066G	8.821M	5.19554G	5.20436G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

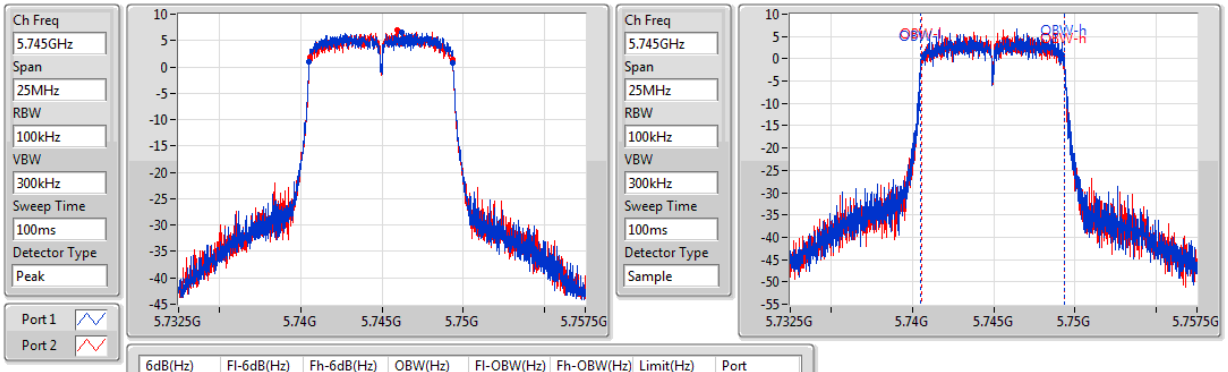
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.975M	5.233688G	5.245663G	8.796M	5.235552G	5.244348G	Inf	1
13.425M	5.233463G	5.246888G	8.833M	5.23554G	5.244373G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

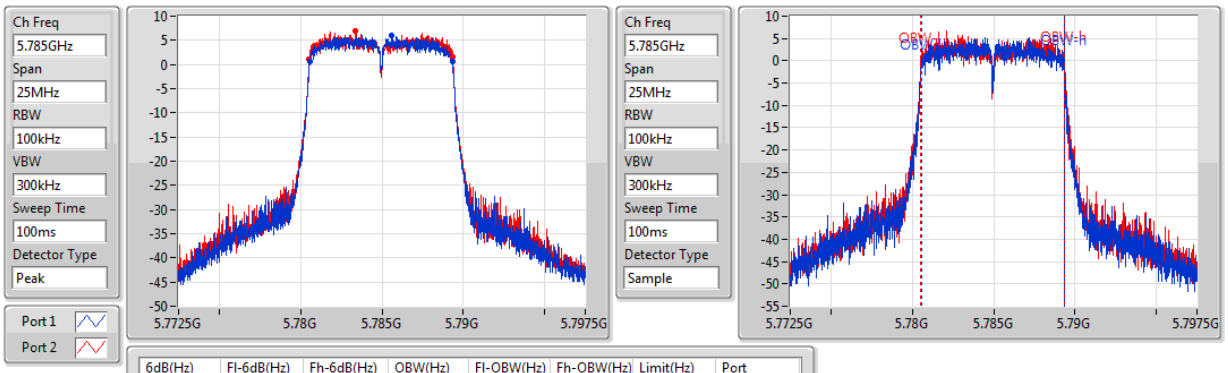
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.825M	5.740538G	5.749363G	8.796M	5.74054G	5.749335G	500k	1
8.8M	5.74055G	5.74935G	8.771M	5.740565G	5.749335G	500k	2

HT10_Nss1,(MCS0)_2TX **EBW**

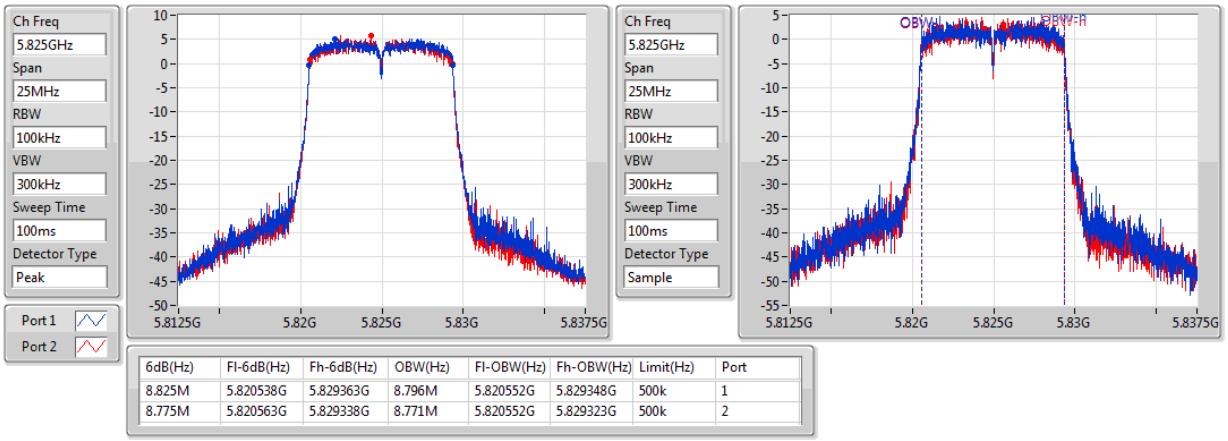
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.8M	5.78055G	5.78935G	8.783M	5.780552G	5.789335G	500k	1
8.813M	5.780538G	5.78935G	8.796M	5.78054G	5.789335G	500k	2

HT10_Nss1,(MCS0)_2TX **EBW**

5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.825M	5.820538G	5.829363G	8.796M	5.820552G	5.829348G	500k	1
8.775M	5.820563G	5.829338G	8.771M	5.820552G	5.829323G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	24.89	0.30832	37.39	5.48277
5.725-5.85GHz	21.86	0.15346	34.96	3.13329
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	24.89	0.30832	37.39	5.48277
5.725-5.85GHz	20.98	0.12531	34.08	2.55859
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	23.69	0.23388	36.19	4.15911
5.725-5.85GHz	20.60	0.11482	33.70	2.34423
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	23.89	0.24491	36.39	4.35512
5.725-5.85GHz	21.36	0.13677	34.46	2.79254
HT10_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	23.46	0.22182	35.96	3.94457
5.725-5.85GHz	21.36	0.13677	34.46	2.79254

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	12.50	19.59	19.59	22.60	30.00	35.10
5200MHz	Pass	12.50	21.41	21.90	24.67	30.00	37.17
5240MHz	Pass	12.50	21.89	21.86	24.89	30.00	37.39
5745MHz	Pass	13.10	18.82	18.88	21.86	30.00	34.96
5785MHz	Pass	13.10	17.06	17.04	20.06	30.00	33.16
5825MHz	Pass	13.10	17.45	17.47	20.47	30.00	33.57
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	12.50	19.64	19.66	22.66	30.00	35.16
5200MHz	Pass	12.50	21.41	21.36	24.40	30.00	36.90
5240MHz	Pass	12.50	21.87	21.89	24.89	30.00	37.39
5745MHz	Pass	13.10	17.99	17.95	20.98	30.00	34.08
5785MHz	Pass	13.10	16.68	16.71	19.71	30.00	32.81
5825MHz	Pass	13.10	16.55	16.59	19.58	30.00	32.68
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	12.50	14.71	14.93	17.83	30.00	30.33
5230MHz	Pass	12.50	20.67	20.68	23.69	30.00	36.19
5755MHz	Pass	13.10	17.59	17.59	20.60	30.00	33.70
5795MHz	Pass	13.10	17.00	17.03	20.03	30.00	33.13
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	12.50	20.88	20.87	23.89	30.00	36.39
5200MHz	Pass	12.50	20.32	20.37	23.36	30.00	35.86
5240MHz	Pass	12.50	20.64	20.62	23.64	30.00	36.14
5745MHz	Pass	13.10	18.35	18.34	21.36	30.00	34.46
5785MHz	Pass	13.10	17.67	17.63	20.66	30.00	33.76
5825MHz	Pass	13.10	16.23	16.23	19.24	30.00	32.34
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	12.50	20.28	20.22	23.26	30.00	35.76
5200MHz	Pass	12.50	20.27	20.29	23.29	30.00	35.79
5240MHz	Pass	12.50	20.44	20.45	23.46	30.00	35.96
5745MHz	Pass	13.10	18.34	18.36	21.36	30.00	34.46
5785MHz	Pass	13.10	17.59	17.56	20.59	30.00	33.69
5825MHz	Pass	13.10	17.01	17.00	20.02	30.00	33.12

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	12.21	27.72
5.725-5.85GHz	8.01	24.12
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	11.87	27.38
5.725-5.85GHz	6.73	22.84
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	7.84	23.35
5.725-5.85GHz	3.29	19.40
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	13.96	29.47
5.725-5.85GHz	10.28	26.39
HT10_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	13.45	28.96
5.725-5.85GHz	9.87	25.98

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

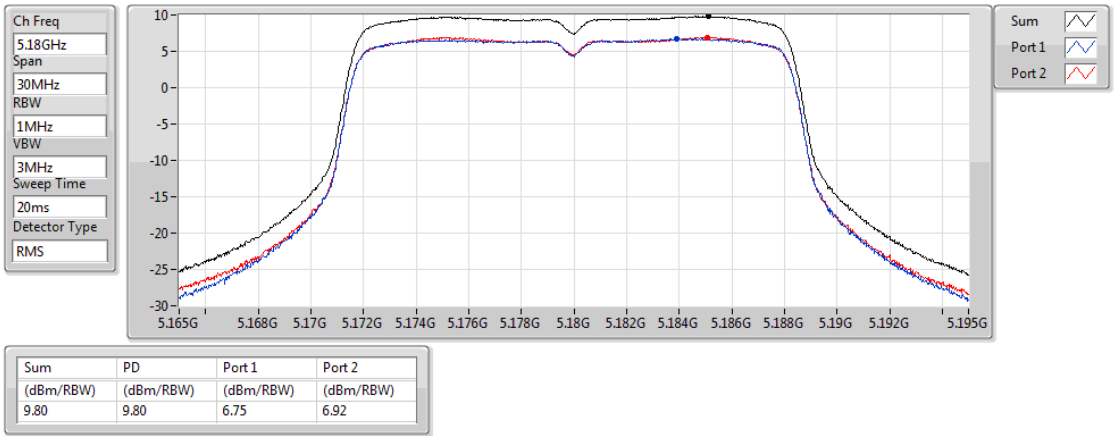
Result

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	15.51	6.75	6.92	9.80	17.00
5200MHz	Pass	15.51	9.08	9.26	12.16	17.00
5240MHz	Pass	15.51	9.20	9.33	12.21	17.00
5745MHz	Pass	16.11	4.92	5.17	8.01	30.00
5785MHz	Pass	16.11	2.87	3.85	6.30	30.00
5825MHz	Pass	16.11	3.29	3.13	5.95	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	15.51	6.51	6.66	9.56	17.00
5200MHz	Pass	15.51	8.27	8.43	11.35	17.00
5240MHz	Pass	15.51	8.87	9.05	11.87	17.00
5745MHz	Pass	16.11	3.64	3.87	6.73	30.00
5785MHz	Pass	16.11	2.39	2.96	5.64	30.00
5825MHz	Pass	16.11	2.03	2.07	4.95	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	15.51	-1.10	-1.18	1.81	17.00
5230MHz	Pass	15.51	4.86	5.04	7.84	17.00
5755MHz	Pass	16.11	0.07	0.52	3.29	30.00
5795MHz	Pass	16.11	-0.15	0.12	2.84	30.00
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	15.51	10.94	11.00	13.96	17.00
5200MHz	Pass	15.51	10.69	10.82	13.73	17.00
5240MHz	Pass	15.51	10.70	11.06	13.84	17.00
5745MHz	Pass	16.11	7.15	7.46	10.28	30.00
5785MHz	Pass	16.11	6.43	7.18	9.74	30.00
5825MHz	Pass	16.11	4.95	5.05	7.81	30.00
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	15.51	10.05	10.22	13.09	17.00
5200MHz	Pass	15.51	10.29	10.37	13.29	17.00
5240MHz	Pass	15.51	10.39	10.69	13.45	17.00
5745MHz	Pass	16.11	6.83	7.02	9.87	30.00
5785MHz	Pass	16.11	6.20	6.61	9.35	30.00
5825MHz	Pass	16.11	5.31	5.40	8.30	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

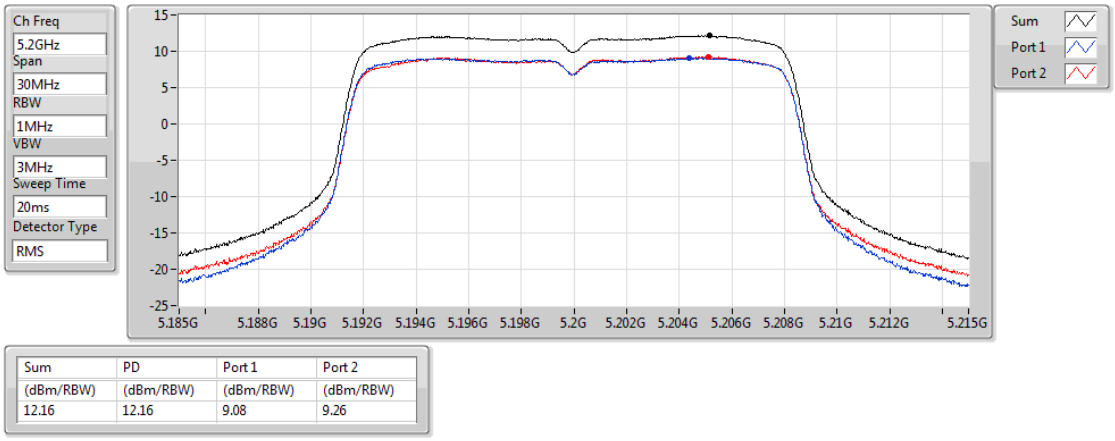
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	6.75	6.92

802.11a_(6Mbps)_2TX PSD

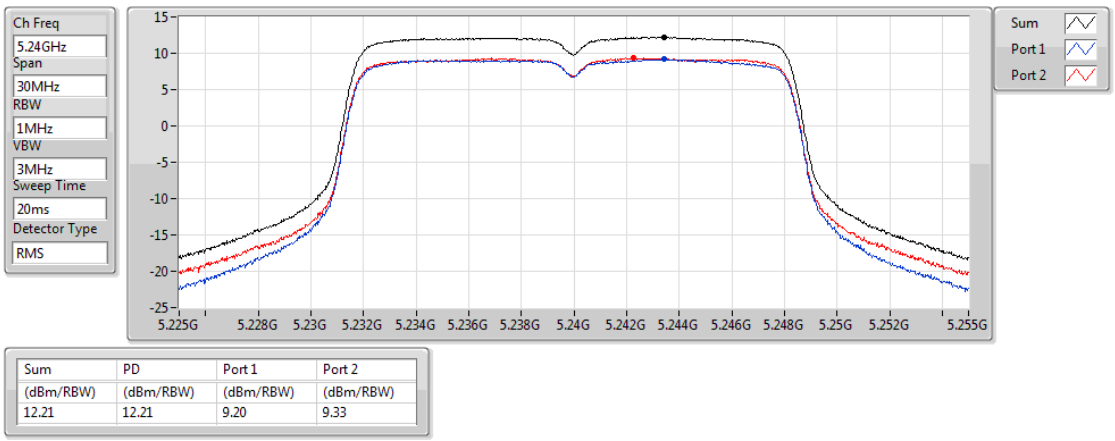
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.16	12.16	9.08	9.26

802.11a_(6Mbps)_2TX PSD

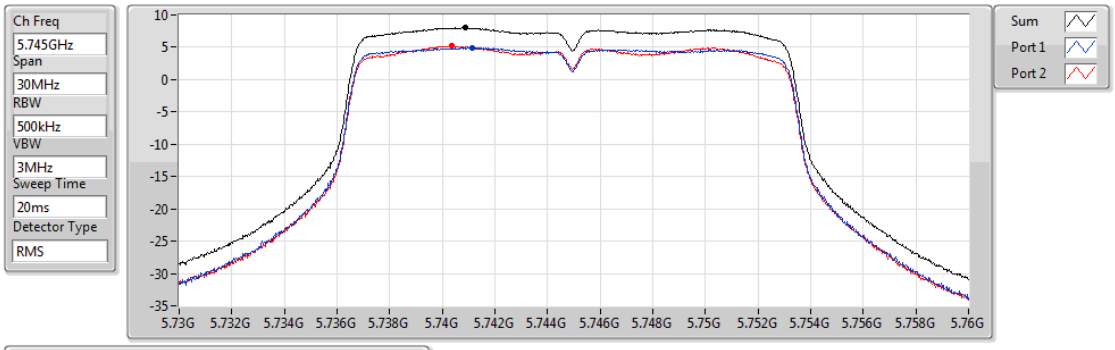
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.21	12.21	9.20	9.33

802.11a_(6Mbps)_2TX **PSD**

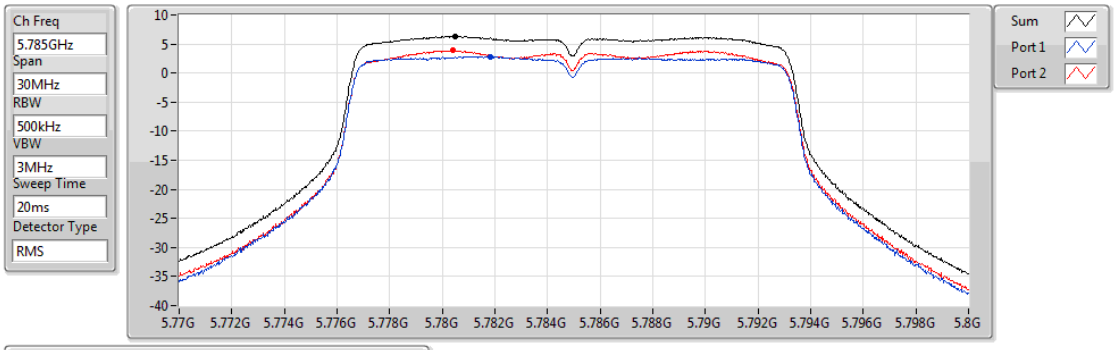
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	4.92	5.17

802.11a_(6Mbps)_2TX **PSD**

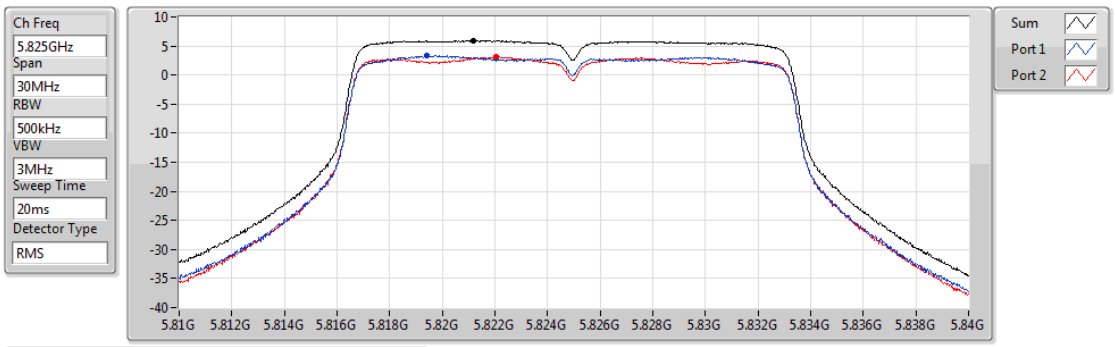
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.30	6.30	2.87	3.85

802.11a_(6Mbps)_2TX **PSD**

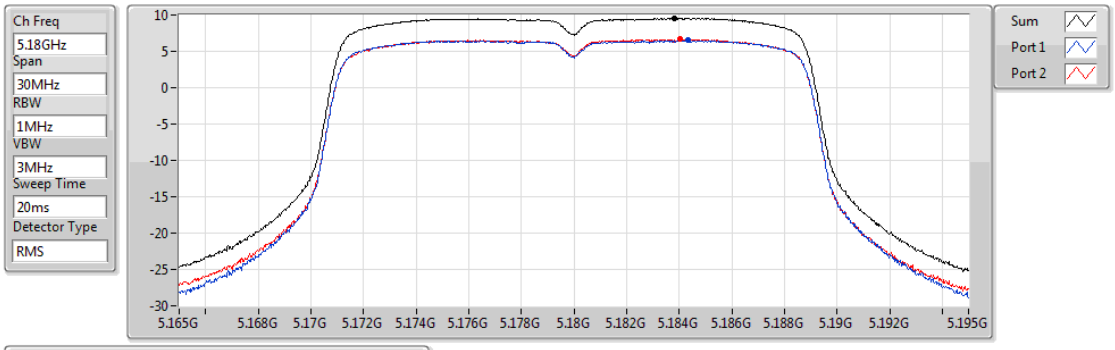
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.95	5.95	3.29	3.13

802.11n HT20_Nss1,(MCS0)_2TX PSD

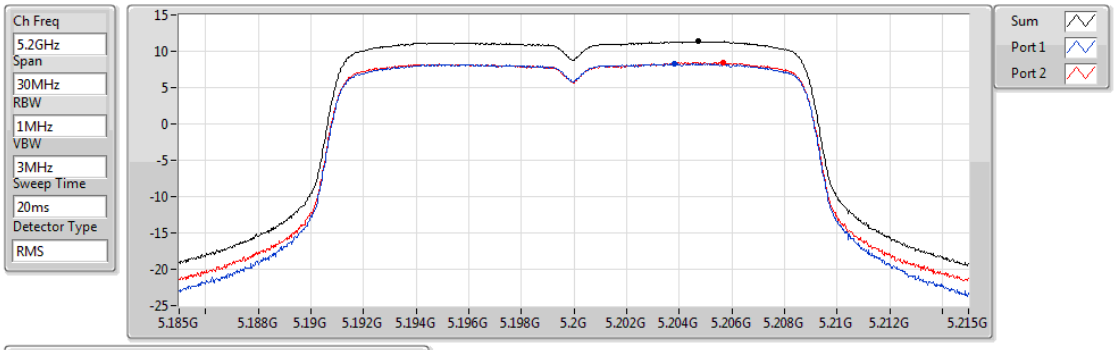
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	6.51	6.66

802.11n HT20_Nss1,(MCS0)_2TX PSD

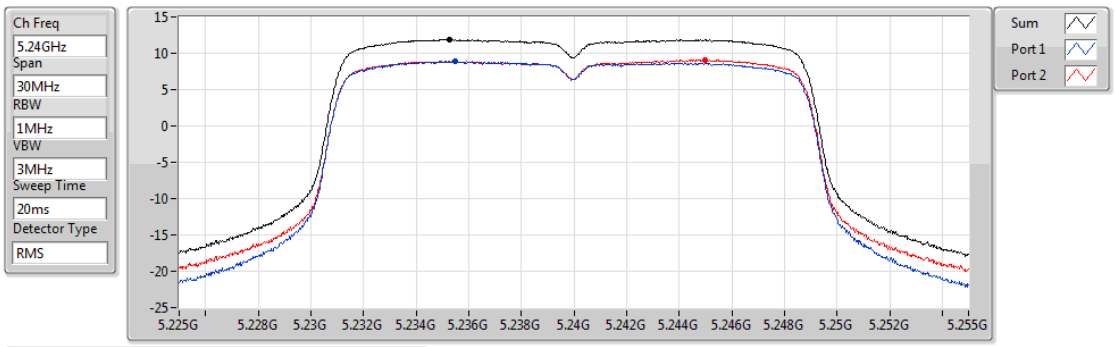
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	8.27	8.43

802.11n HT20_Nss1,(MCS0)_2TX PSD

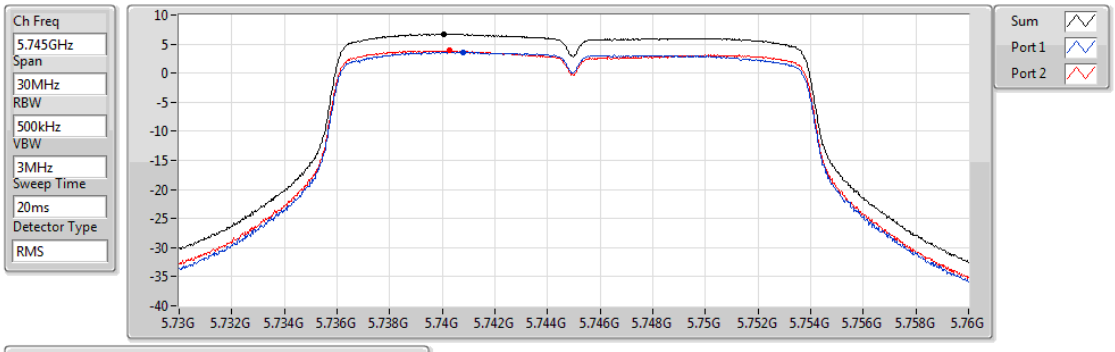
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.87	11.87	8.87	9.05

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

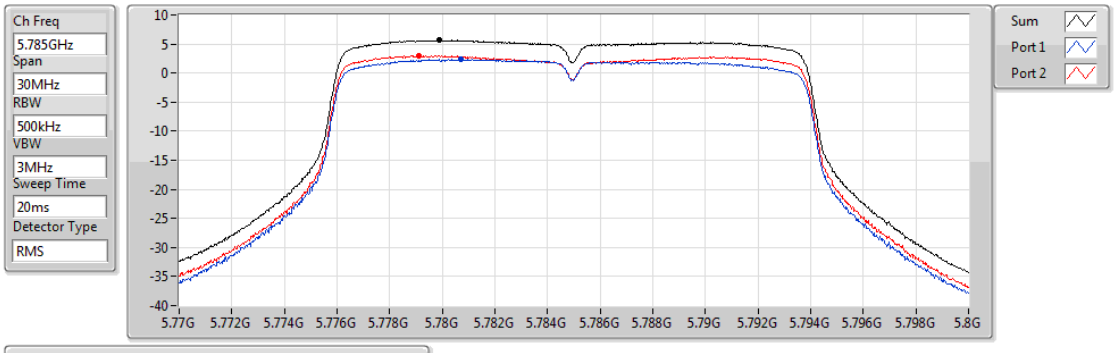
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.73	6.73	3.64	3.87

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

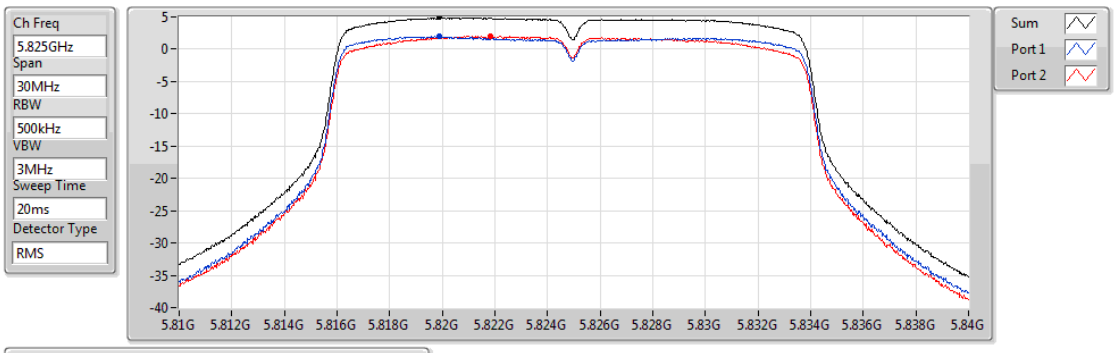
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	2.39	2.96

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

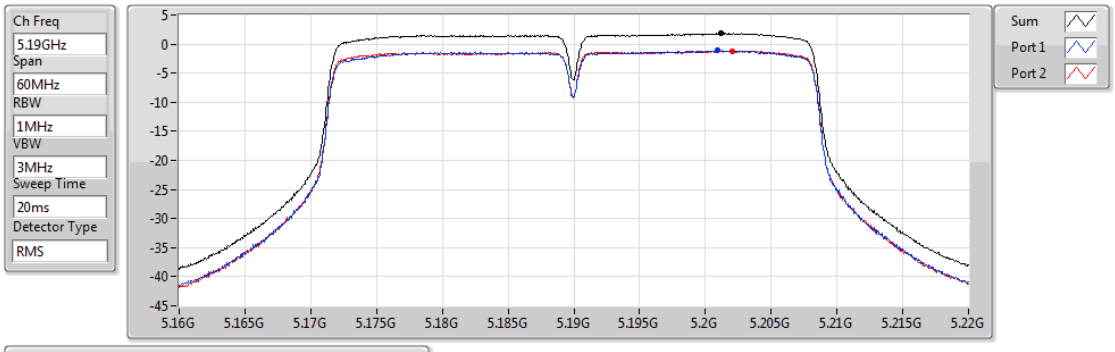
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	2.03	2.07

802.11n HT40_Nss1,(MCS0)_2TX PSD

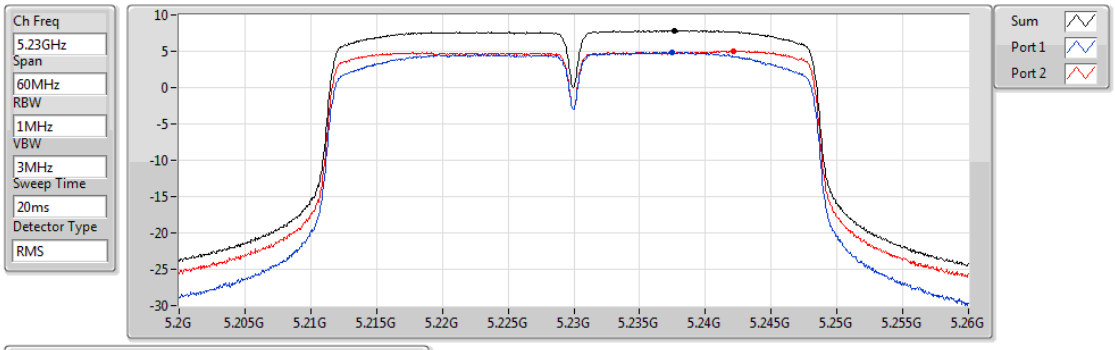
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	-1.10	-1.18

802.11n HT40_Nss1,(MCS0)_2TX PSD

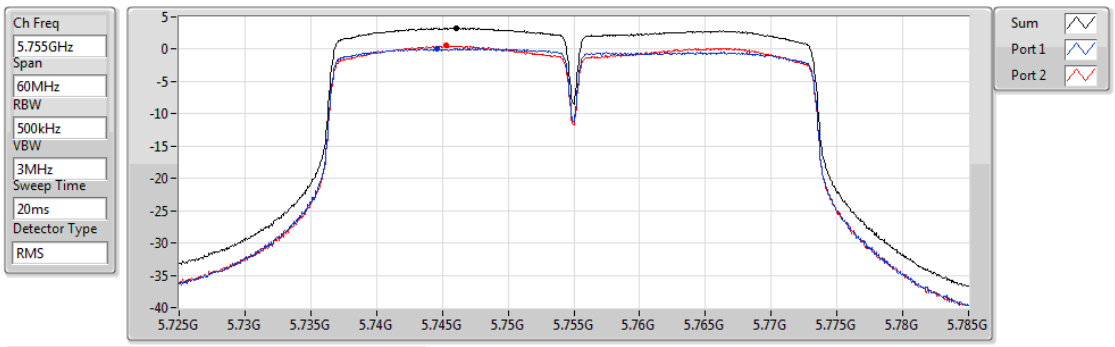
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	4.86	5.04

802.11n HT40_Nss1,(MCS0)_2TX PSD

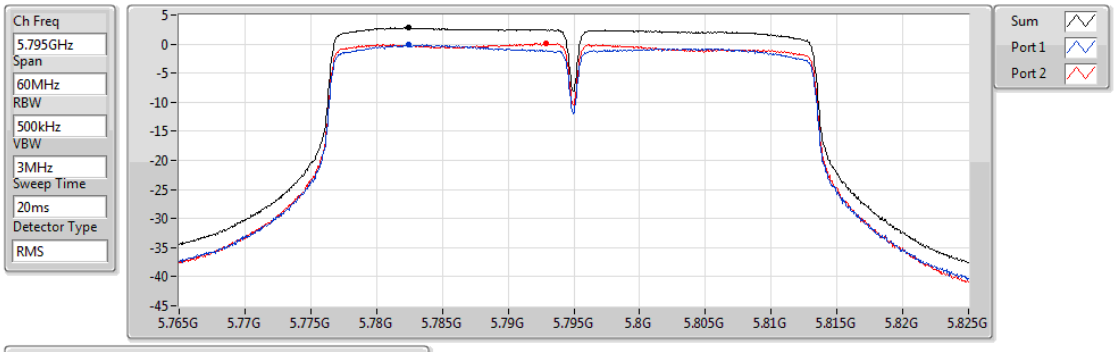
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.29	3.29	0.07	0.52

802.11n HT40_Nss1,(MCS0)_2TX PSD

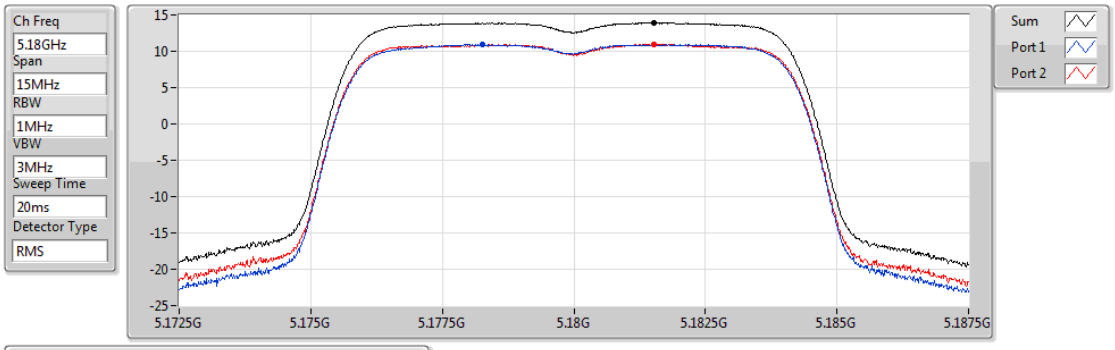
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	-0.15	0.12

802.11a_(6Mbps)_2TX PSD

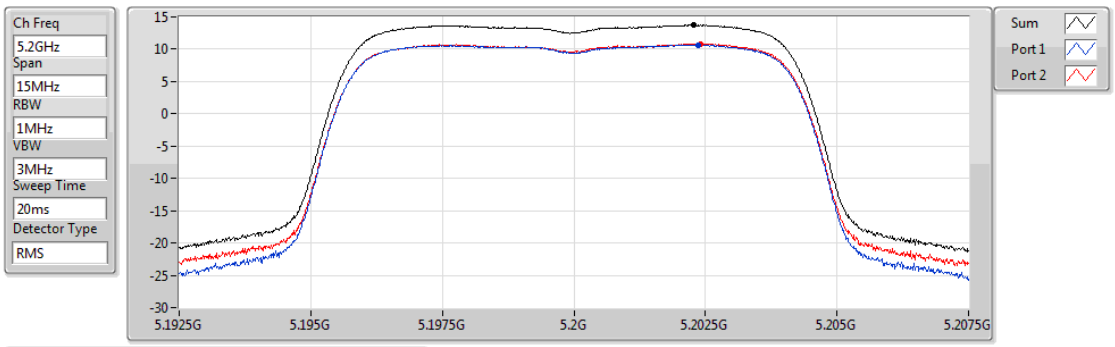
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.96	13.96	10.94	11.00

802.11a_(6Mbps)_2TX PSD

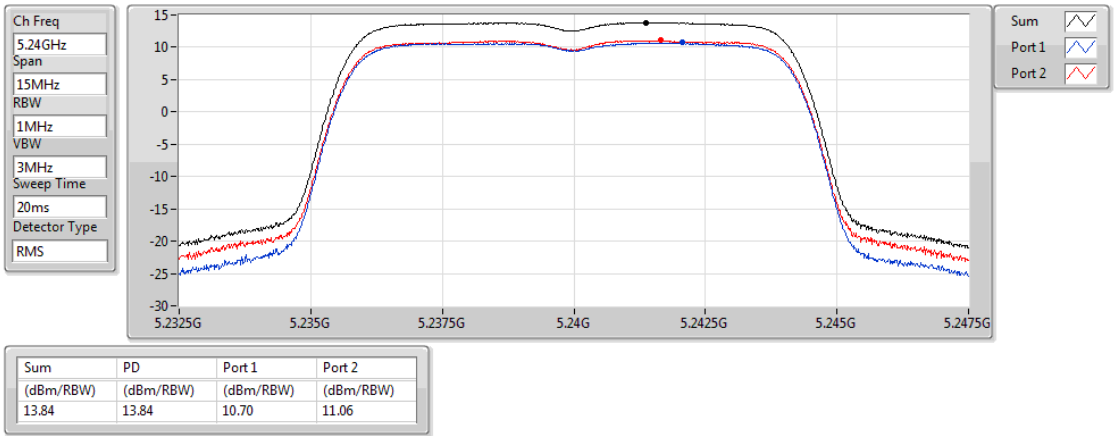
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.73	13.73	10.69	10.82

802.11a_(6Mbps)_2TX **PSD**

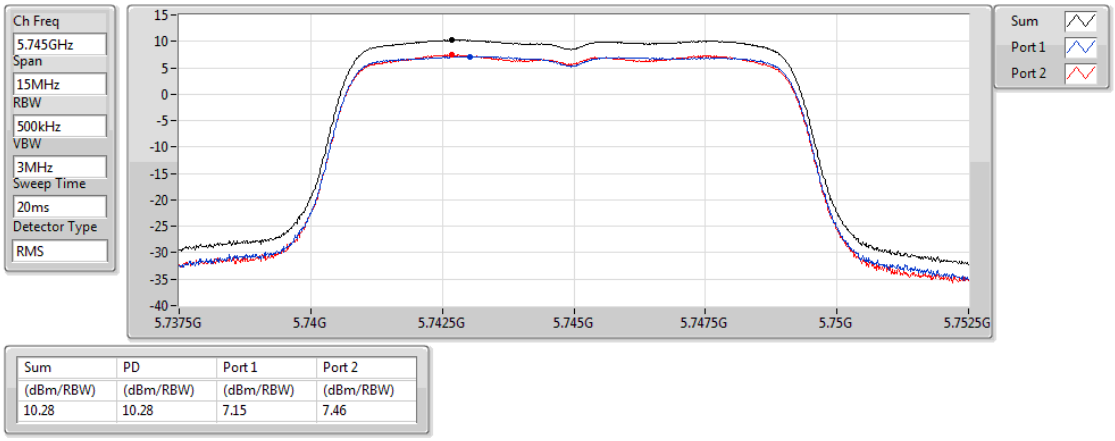
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.84	13.84	10.70	11.06

802.11a_(6Mbps)_2TX **PSD**

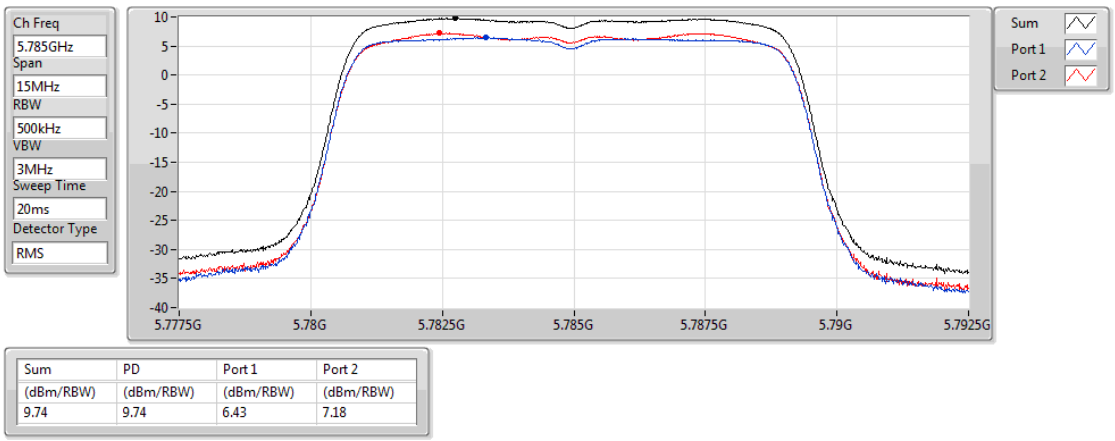
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	7.15	7.46

802.11a_(6Mbps)_2TX **PSD**

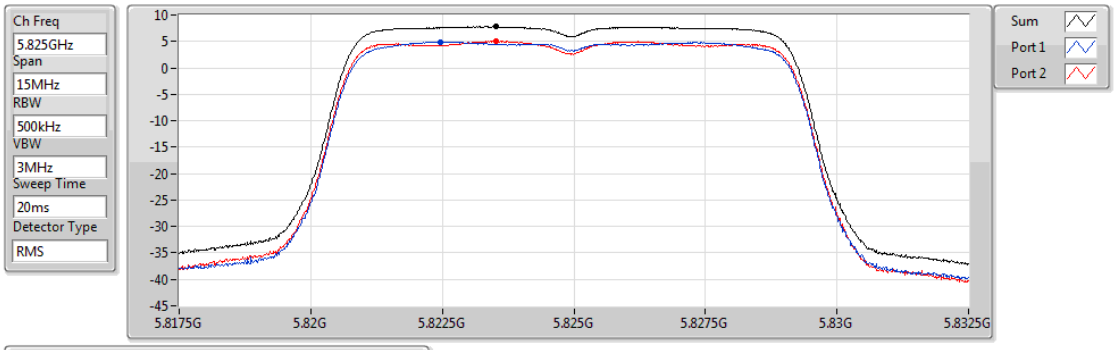
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.74	9.74	6.43	7.18

802.11a_(6Mbps)_2TX **PSD**

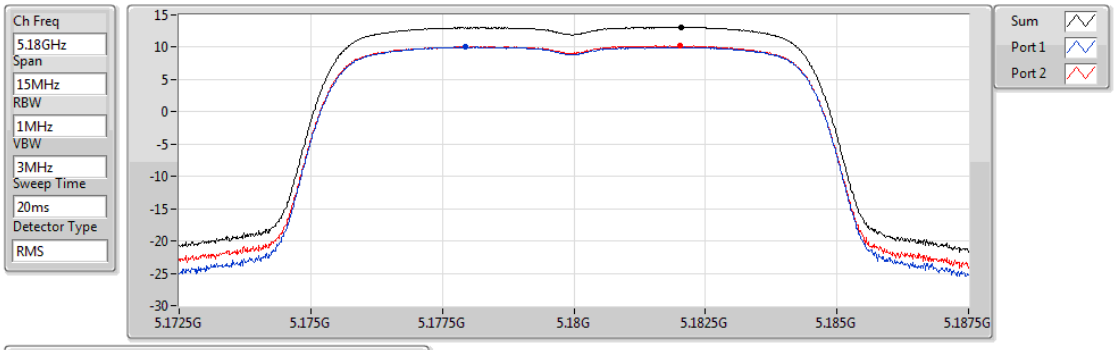
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.81	7.81	4.95	5.05

HT10_Nss1,(MCS0)_2TX **PSD**

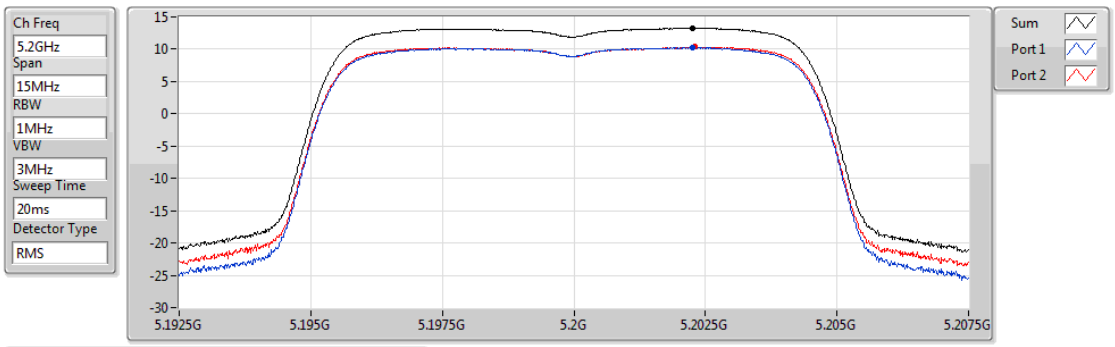
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.09	13.09	10.05	10.22

HT10_Nss1,(MCS0)_2TX **PSD**

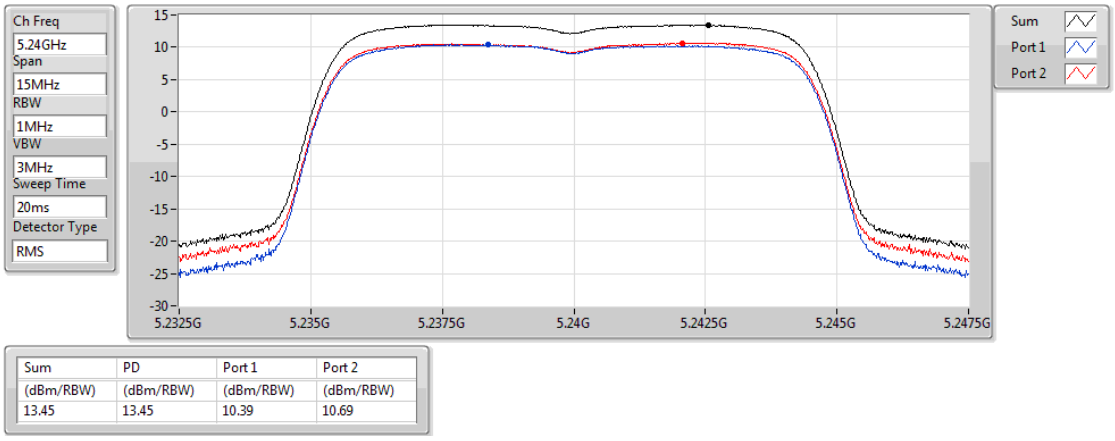
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.29	13.29	10.29	10.37

HT10_Nss1,(MCS0)_2TX **PSD**

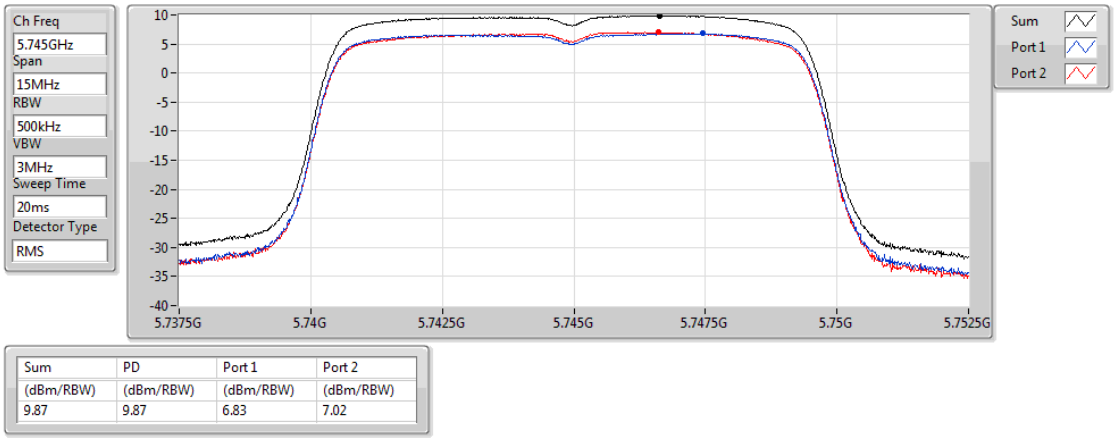
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.45	13.45	10.39	10.69

HT10_Nss1,(MCS0)_2TX **PSD**

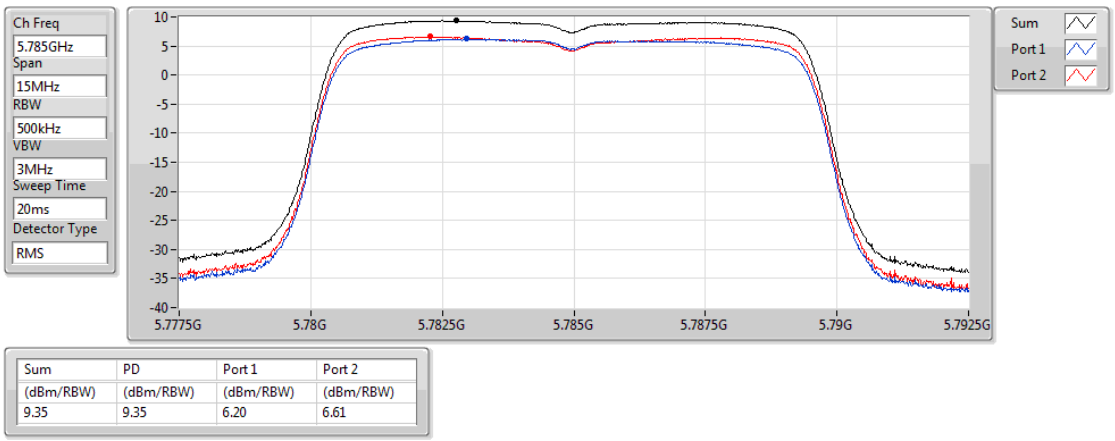
5745MHz



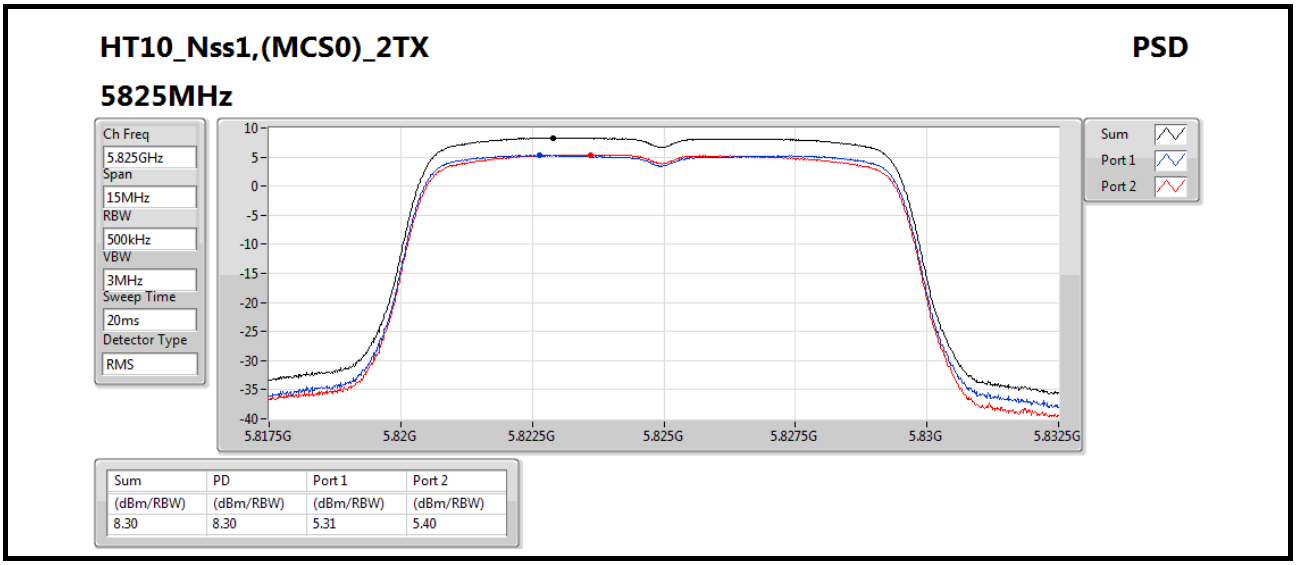
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.87	9.87	6.83	7.02

HT10_Nss1,(MCS0)_2TX **PSD**

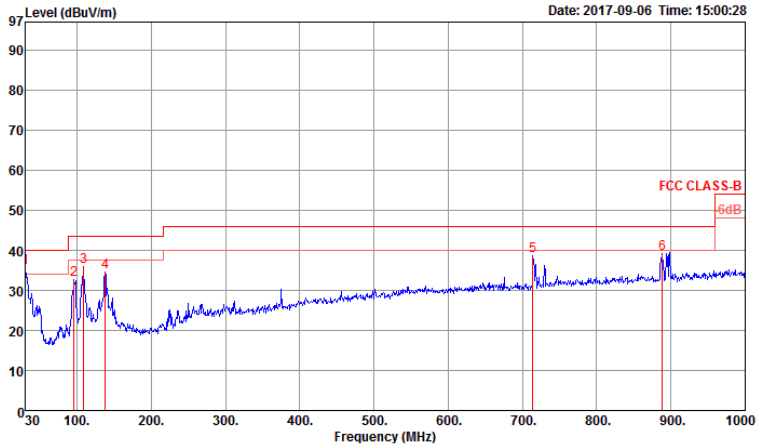
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.35	9.35	6.20	6.61


HT10_Nss1,(MCS0)_2TX
PSD
5825MHz
Ch Freq
5.825GHz
Span
15MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
5.8175G
5.82G
5.8225G
5.825G
5.8275G
5.83G
5.8325G
Sum
Port 1
Port 2
Sum PD Port 1 Port 2
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)
8.30 8.30 5.31 5.40

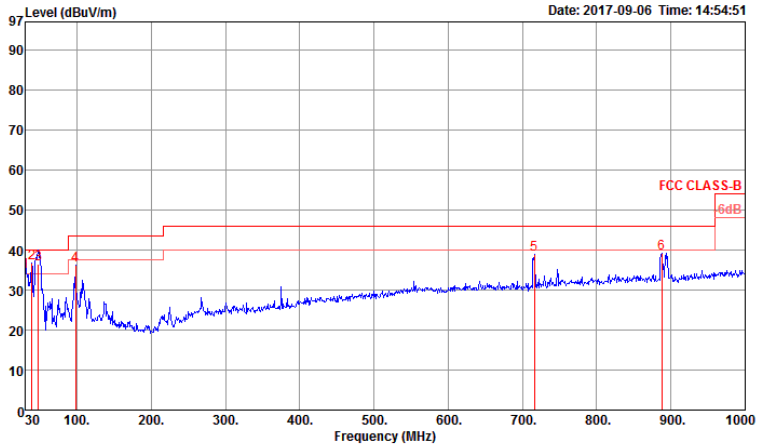
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	35.74	40.00	-4.26	37.98	2.10	24.24	28.58	100	360	Peak	HORIZONTAL
2	95.96	32.77	43.50	-10.73	43.05	2.21	15.94	28.43	100	360	Peak	HORIZONTAL
3	108.57	36.05	43.50	-7.45	44.76	2.25	17.42	28.38	100	360	Peak	HORIZONTAL
4	137.67	34.48	43.50	-9.02	43.21	2.30	17.22	28.25	100	360	Peak	HORIZONTAL
5	713.85	38.72	46.00	-7.28	38.76	4.04	25.20	29.28	100	360	Peak	HORIZONTAL
6	888.45	39.17	46.00	-6.83	37.06	4.52	26.43	28.84	100	360	Peak	HORIZONTAL

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

RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.00	34.56	40.00	-5.44	36.80	2.10	24.24	28.58	100	310	QP	VERTICAL
2	38.73	36.86	40.00	-3.14	42.77	2.12	20.55	28.58	400	360	Peak	VERTICAL
3	47.46	36.54	40.00	-3.46	47.49	2.15	15.47	28.57	100	341	QP	VERTICAL
4	97.90	36.19	43.50	-7.31	46.20	2.21	16.20	28.42	400	360	Peak	VERTICAL
5	715.79	38.77	46.00	-7.23	38.77	4.05	25.22	29.27	400	360	Peak	VERTICAL
6	887.48	39.09	46.00	-6.91	37.00	4.50	26.43	28.84	400	360	Peak	VERTICAL

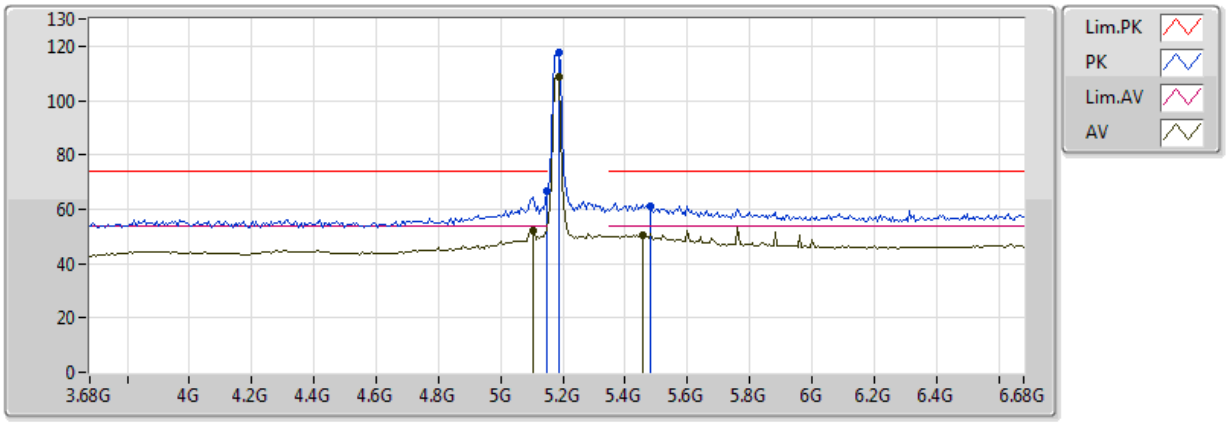
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	AV	5.455G	53.99	54.00	-0.01	6.05	3	H	186	1.81	-

802.11a_(6Mbps)_2TX

5180MHz_TX

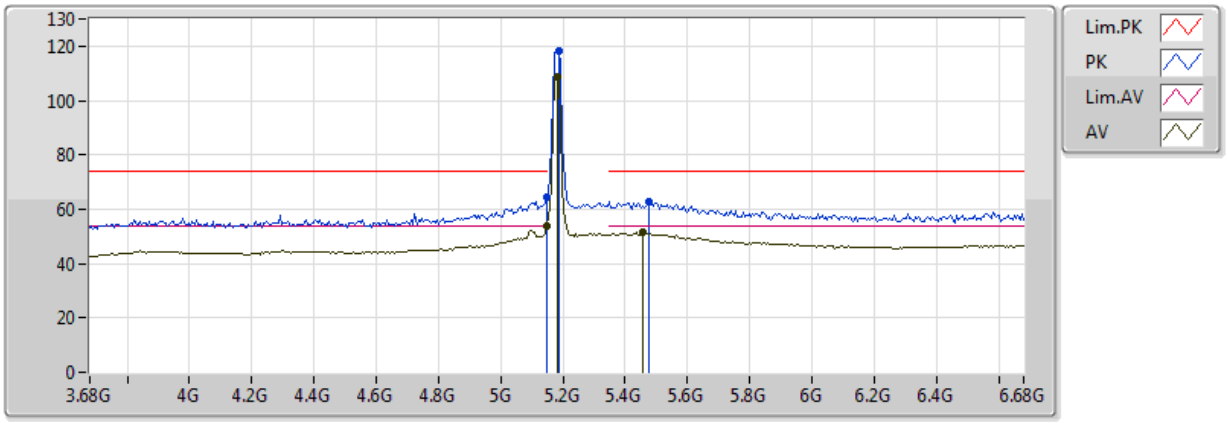


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.102G	52.35	54.00	-1.65	5.34	3	V	180	2.03	-
AV	5.186G	108.47	Inf	-Inf	5.52	3	V	180	2.03	-
AV	5.456G	50.52	54.00	-3.48	6.05	3	V	180	2.03	-
PK	5.149995G	66.47	74.00	-7.53	5.44	3	V	180	2.03	-
PK	5.186G	117.92	Inf	-Inf	5.52	3	V	180	2.03	-
PK	5.48G	61.35	74.00	-12.65	6.11	3	V	180	2.03	-

802.11a_(6Mbps)_2TX

5180MHz_TX

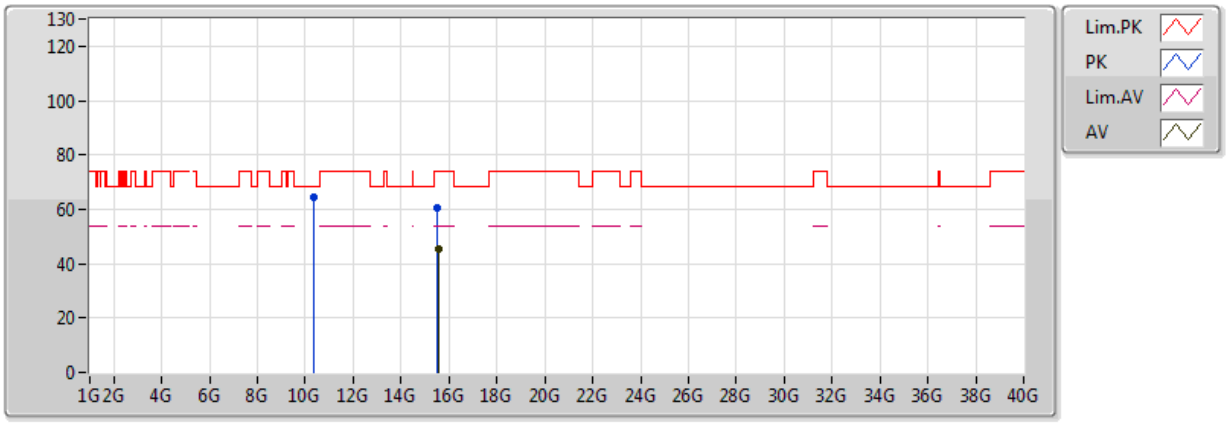


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.87	54.00	-0.13	5.44	3	H	182	1.75	-
AV	5.18G	108.98	Inf	-Inf	5.51	3	H	182	1.75	-
AV	5.456G	51.57	54.00	-2.43	6.05	3	H	182	1.75	-
PK	5.149995G	64.66	74.00	-9.34	5.44	3	H	182	1.75	-
PK	5.186G	118.06	Inf	-Inf	5.52	3	H	182	1.75	-
PK	5.474G	63.03	74.00	-10.97	6.09	3	H	182	1.75	-

802.11a_(6Mbps)_2TX

5180MHz_TX

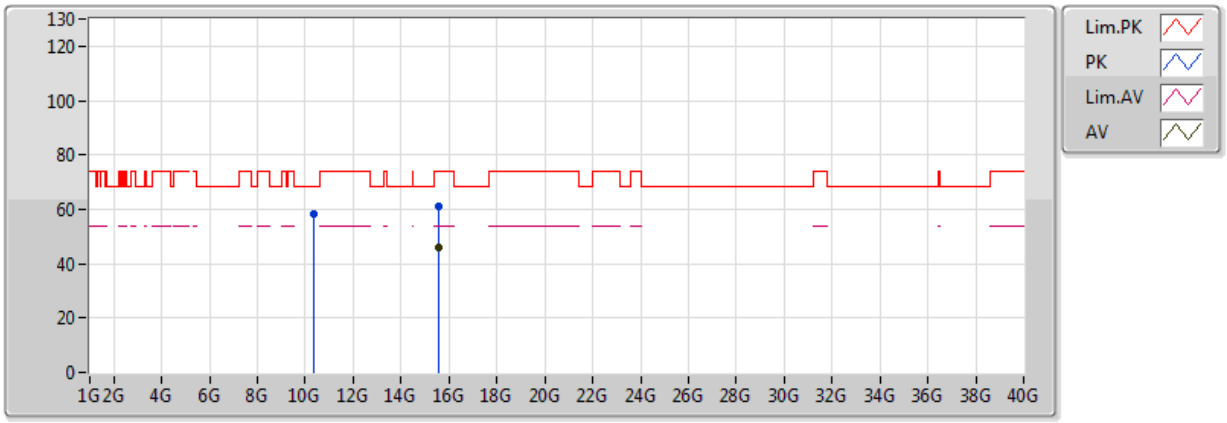


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53838G	45.55	54.00	-8.45	16.31	3	V	34	1.83	-
PK	10.3614G	64.55	68.20	-3.65	12.32	3	V	178	1.84	-
PK	15.53424G	60.47	74.00	-13.53	16.32	3	V	34	1.83	-

802.11a_(6Mbps)_2TX

5180MHz_TX

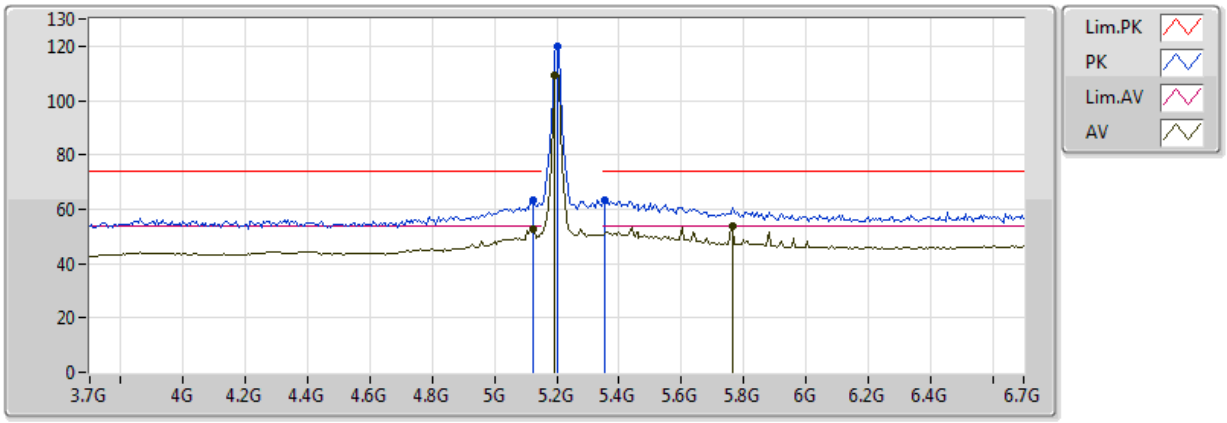


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54384G	45.93	54.00	-8.07	16.29	3	H	312	1.50	-
PK	10.3617G	58.40	68.20	-9.80	12.32	3	H	174	1.48	-
PK	15.54408G	61.33	74.00	-12.67	16.29	3	H	312	1.50	-

802.11a_(6Mbps)_2TX

5200MHz_TX

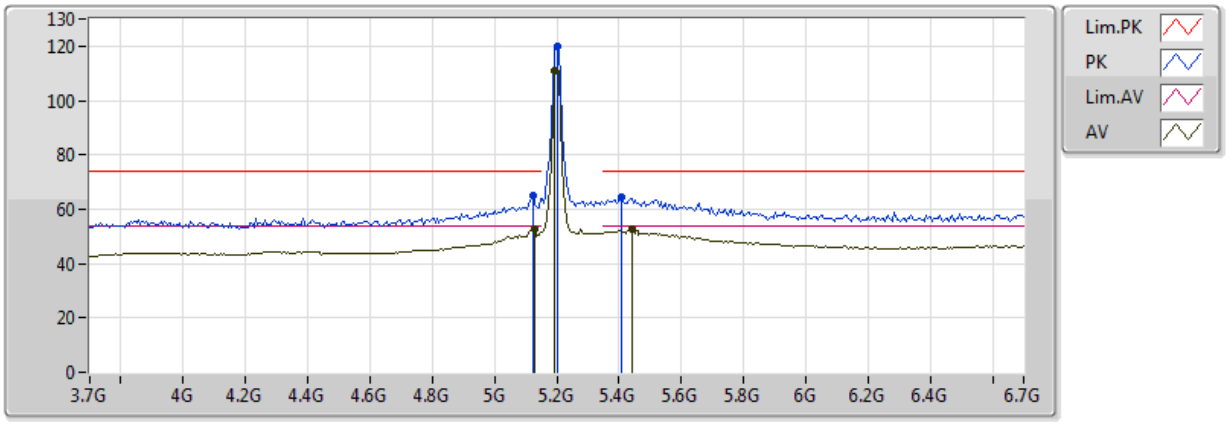


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	52.43	54.00	-1.57	5.39	3	V	179	2.00	-
AV	5.194G	109.53	Inf	-Inf	5.54	3	V	179	2.00	-
AV	5.764G	53.55	54.00	-0.45	6.25	3	V	179	2.00	-
PK	5.122G	63.58	74.00	-10.42	5.39	3	V	179	2.00	-
PK	5.2G	119.77	Inf	-Inf	5.55	3	V	179	2.00	-
PK	5.356G	63.13	74.00	-10.87	5.84	3	V	179	2.00	-

802.11a_(6Mbps)_2TX

5200MHz_TX

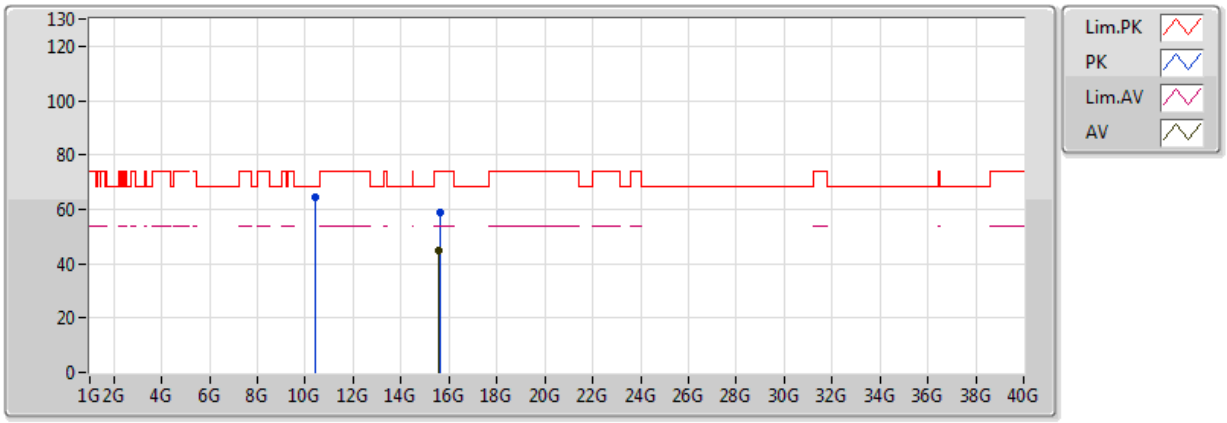


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.128G	52.42	54.00	-1.58	5.40	3	H	181	1.94	-
AV	5.194G	110.97	Inf	-Inf	5.54	3	H	181	1.94	-
AV	5.44G	52.47	54.00	-1.53	6.01	3	H	181	1.94	-
PK	5.122G	64.89	74.00	-9.11	5.39	3	H	181	1.94	-
PK	5.2G	119.86	Inf	-Inf	5.55	3	H	181	1.94	-
PK	5.41G	64.26	74.00	-9.74	5.94	3	H	181	1.94	-

802.11a_(6Mbps)_2TX

5200MHz_TX

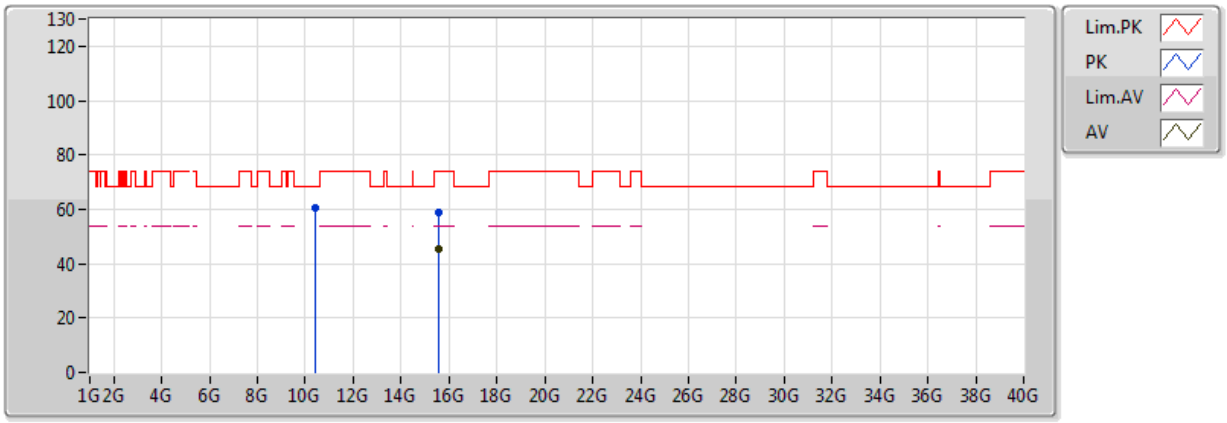


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.585G	44.92	54.00	-9.08	13.74	3	V	78	2.24	-
PK	10.4006G	64.60	68.20	-3.60	11.12	3	V	176	1.49	-
PK	15.6033G	58.87	74.00	-15.13	13.72	3	V	78	2.24	-

802.11a_(6Mbps)_2TX

5200MHz_TX

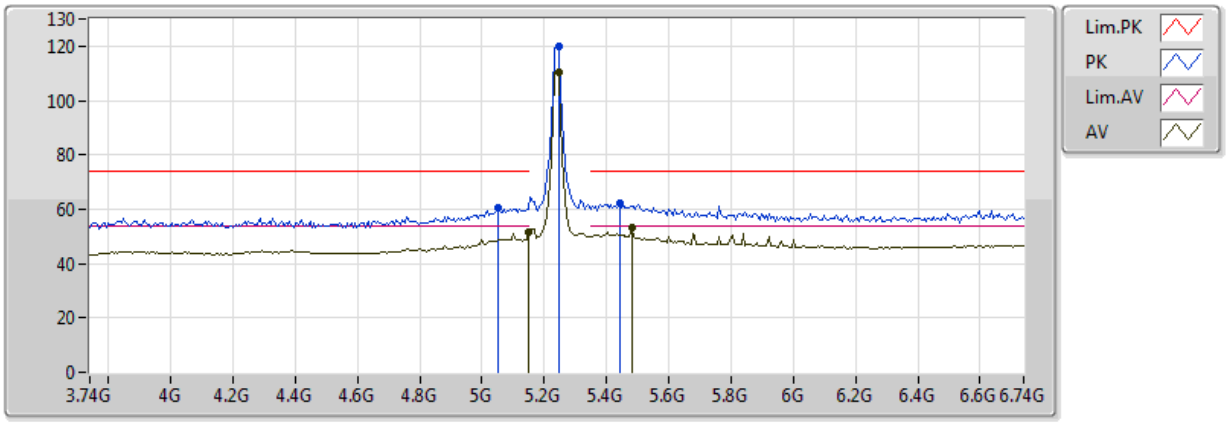


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59664G	45.38	54.00	-8.62	13.73	3	H	314	2.63	-
PK	10.4026G	60.40	68.20	-7.80	12.36	3	H	175	1.65	-
PK	15.59592G	59.11	74.00	-14.89	13.73	3	H	314	2.63	-

802.11a_(6Mbps)_2TX

5240MHz_TX

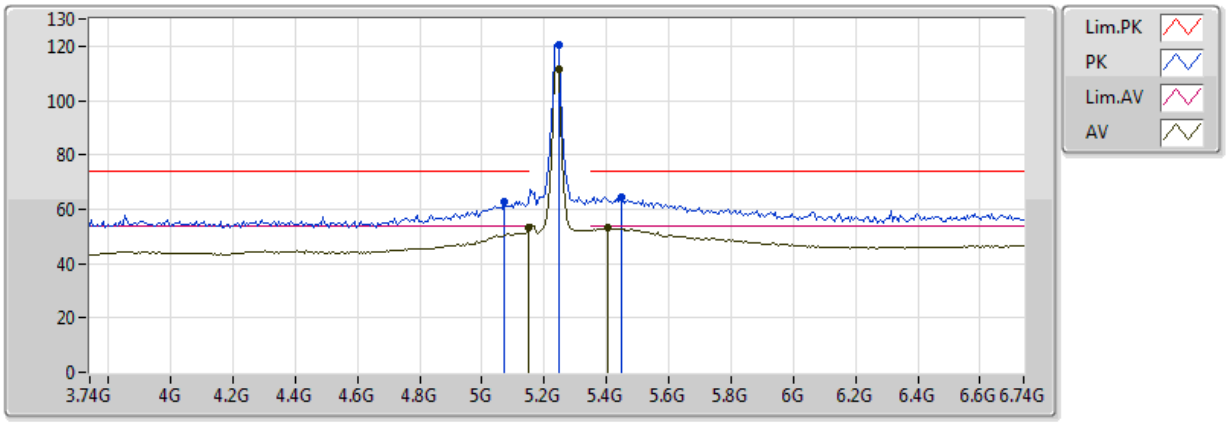


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	51.60	54.00	-2.40	5.44	3	V	180	2.10	-
AV	5.246G	110.48	Inf	-Inf	5.64	3	V	180	2.10	-
AV	5.48G	53.40	54.00	-0.60	6.11	3	V	180	2.10	-
PK	5.054G	60.51	74.00	-13.49	5.22	3	V	180	2.10	-
PK	5.246G	120.17	Inf	-Inf	5.64	3	V	180	2.10	-
PK	5.444G	62.38	74.00	-11.62	6.02	3	V	180	2.10	-

802.11a_(6Mbps)_2TX

5240MHz_TX

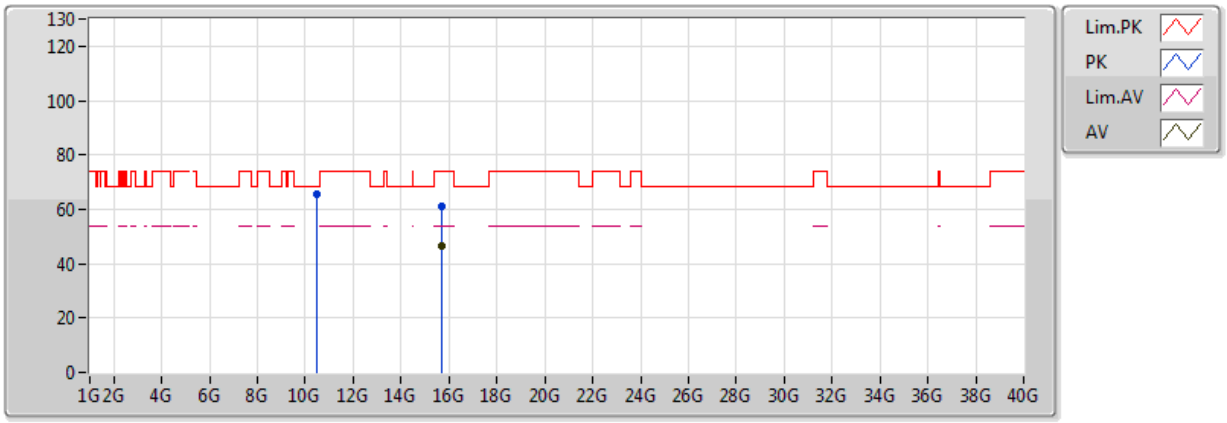


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.03	54.00	-0.97	5.44	3	H	181	1.71	-
AV	5.246G	111.70	Inf	-Inf	5.64	3	H	181	1.71	-
AV	5.402G	53.34	54.00	-0.66	5.92	3	H	181	1.71	-
PK	5.072G	62.73	74.00	-11.27	5.27	3	H	181	1.71	-
PK	5.246G	120.21	Inf	-Inf	5.64	3	H	181	1.71	-
PK	5.45G	64.68	74.00	-9.32	6.03	3	H	181	1.71	-

802.11a_(6Mbps)_2TX

5240MHz_TX

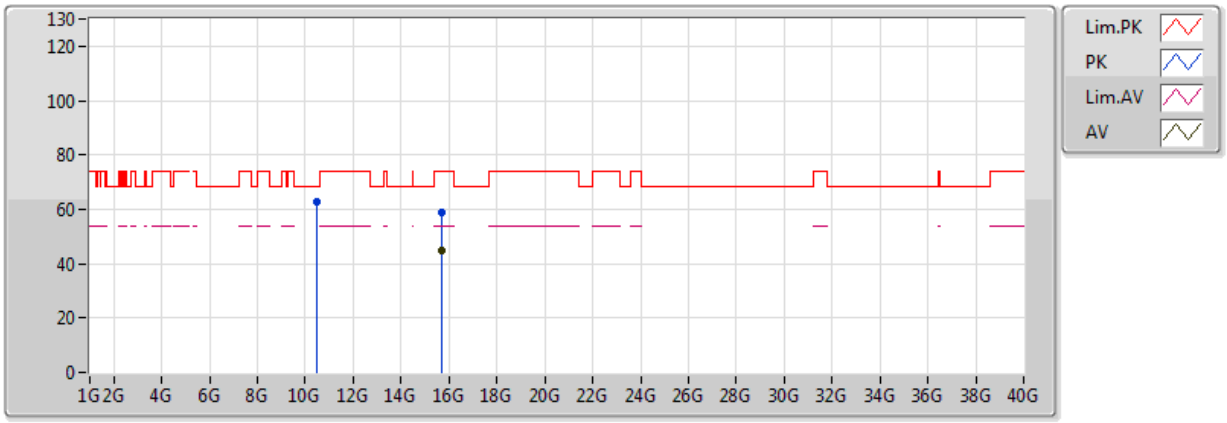


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71606G	46.77	54.00	-7.23	15.73	3	V	66	1.86	-
PK	10.48024G	65.46	68.20	-2.74	12.43	3	V	178	1.43	-
PK	15.71582G	60.93	74.00	-13.07	15.73	3	V	66	1.86	-

802.11a_(6Mbps)_2TX

5240MHz_TX

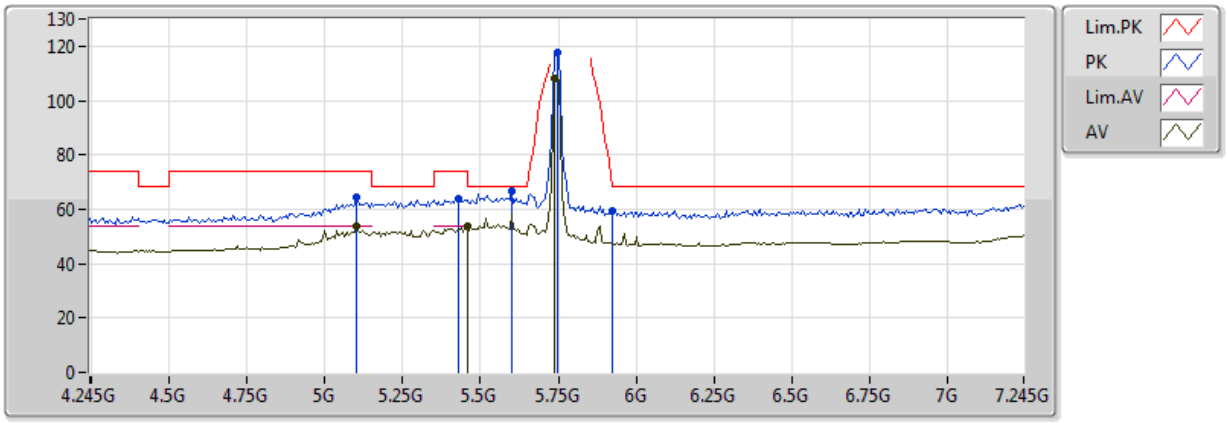


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71932G	44.85	54.00	-9.15	13.58	3	H	309	2.13	-
PK	10.4825G	62.74	68.20	-5.46	12.43	3	H	181	1.50	-
PK	15.7223G	58.67	74.00	-15.33	13.57	3	H	309	2.13	-

802.11a_(6Mbps)_2TX

5745MHz_TX

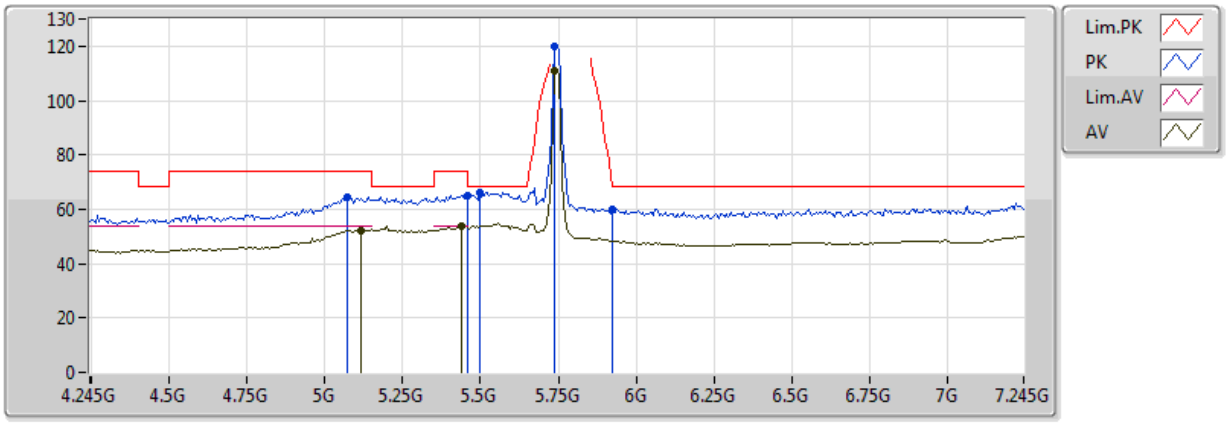


20170707
EUT Y_2TX
Setting 18
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.103G	53.58	54.00	-0.42	5.35	3	V	181	1.90	-
AV	5.457G	53.54	54.00	-0.46	6.05	3	V	181	1.90	-
AV	5.739G	108.26	Inf	-Inf	6.25	3	V	181	1.90	-
PK	5.103G	64.37	74.00	-9.63	5.35	3	V	181	1.90	-
PK	5.427G	63.88	74.00	-10.12	5.98	3	V	181	1.90	-
PK	5.601G	66.71	68.20	-1.49	6.24	3	V	181	1.90	-
PK	5.745G	117.62	Inf	-Inf	6.25	3	V	181	1.90	-
PK	5.925G	59.31	68.20	-8.89	6.19	3	V	181	1.90	-

802.11a_(6Mbps)_2TX

5745MHz_TX

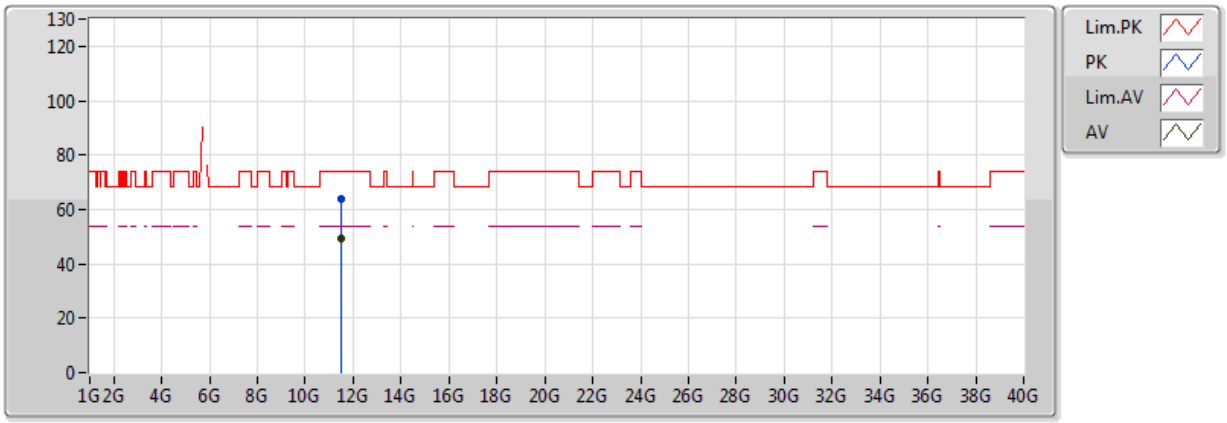


20170707
EUT Y_2TX
Setting 18
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.115G	52.34	54.00	-1.66	5.37	3	H	180	1.79	-
AV	5.439G	53.79	54.00	-0.21	6.01	3	H	180	1.79	-
AV	5.739G	110.84	Inf	-Inf	6.25	3	H	180	1.79	-
PK	5.073G	64.57	74.00	-9.43	5.27	3	H	180	1.79	-
PK	5.457G	65.16	74.00	-8.84	6.05	3	H	180	1.79	-
PK	5.499G	66.11	68.20	-2.09	6.16	3	H	180	1.79	-
PK	5.739G	119.66	Inf	-Inf	6.25	3	H	180	1.79	-
PK	5.925G	59.88	68.20	-8.32	6.19	3	H	180	1.79	-

802.11a_(6Mbps)_2TX

5745MHz_TX

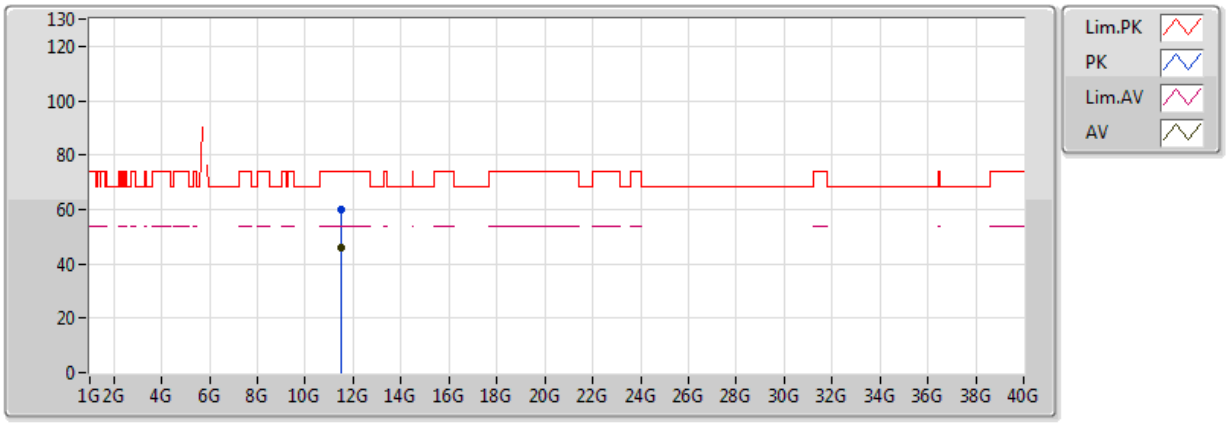


20170713
EUT Y_2TX
Setting 18
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4921G	49.59	54.00	-4.41	12.04	3	V	181	1.68	-
PK	11.49198G	63.64	74.00	-10.36	12.04	3	V	181	1.68	-

802.11a_(6Mbps)_2TX

5745MHz_TX

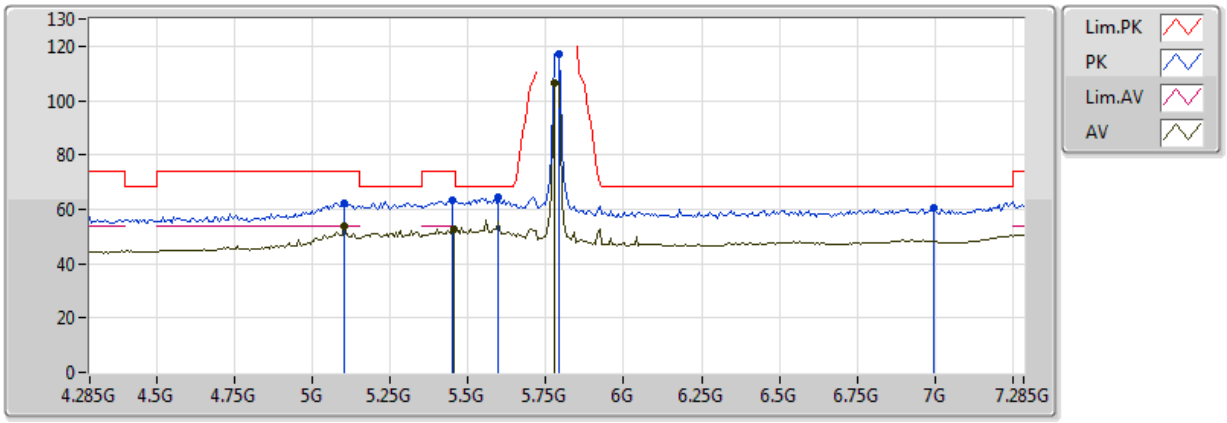


20170713
EUT Y_2TX
Setting 18
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48856G	46.19	54.00	-7.81	12.04	3	H	341	1.50	-
PK	11.48892G	60.15	74.00	-13.85	12.04	3	H	341	1.50	-

802.11a_(6Mbps)_2TX

5785MHz_TX

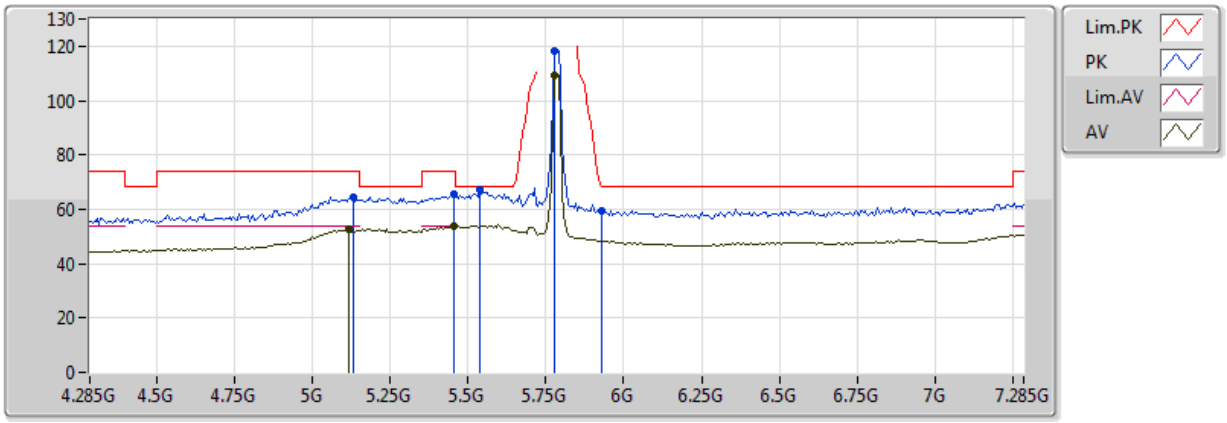


20170707
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.101G	53.80	54.00	-0.20	5.34	3	V	178	1.80	-
AV	5.455G	52.77	54.00	-1.23	6.05	3	V	178	1.80	-
AV	5.779G	106.71	Inf	-Inf	6.25	3	V	178	1.80	-
PK	5.101G	62.30	74.00	-11.70	5.34	3	V	178	1.80	-
PK	5.449G	63.30	74.00	-10.70	6.03	3	V	178	1.80	-
PK	5.599G	64.34	68.20	-3.86	6.24	3	V	178	1.80	-
PK	5.791G	116.99	Inf	-Inf	6.25	3	V	178	1.80	-
PK	6.997G	60.34	68.20	-7.86	7.28	3	V	178	1.80	-

802.11a_(6Mbps)_2TX

5785MHz_TX

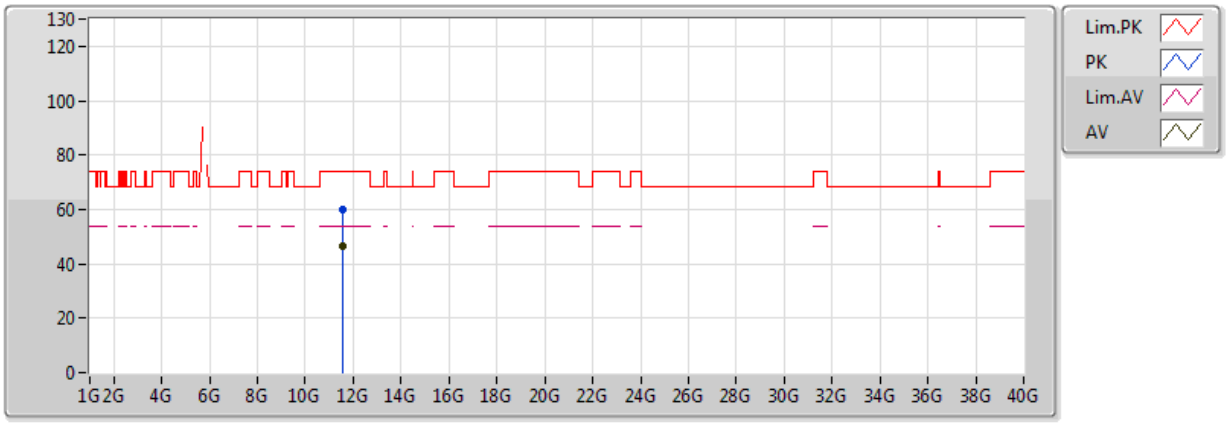


20170707
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.119G	52.76	54.00	-1.24	5.38	3	H	174	1.62	-
AV	5.455G	53.95	54.00	-0.05	6.05	3	H	174	1.62	-
AV	5.779G	109.42	Inf	-Inf	6.25	3	H	174	1.62	-
PK	5.131G	64.43	74.00	-9.57	5.41	3	H	174	1.62	-
PK	5.455G	65.36	74.00	-8.64	6.05	3	H	174	1.62	-
PK	5.539G	67.17	68.20	-1.03	6.19	3	H	174	1.62	-
PK	5.779G	118.48	Inf	-Inf	6.25	3	H	174	1.62	-
PK	5.929G	59.20	68.20	-9.00	6.19	3	H	174	1.62	-

802.11a_(6Mbps)_2TX

5785MHz_TX

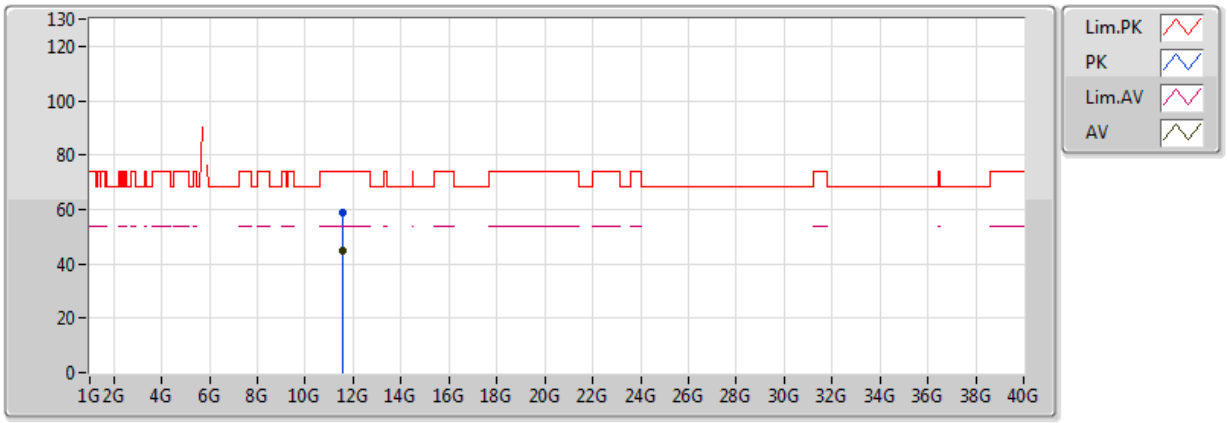


20170713
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56796G	46.34	54.00	-7.66	12.08	3	V	183	1.69	-
PK	11.57222G	59.71	74.00	-14.29	12.08	3	V	183	1.69	-

802.11a_(6Mbps)_2TX

5785MHz_TX

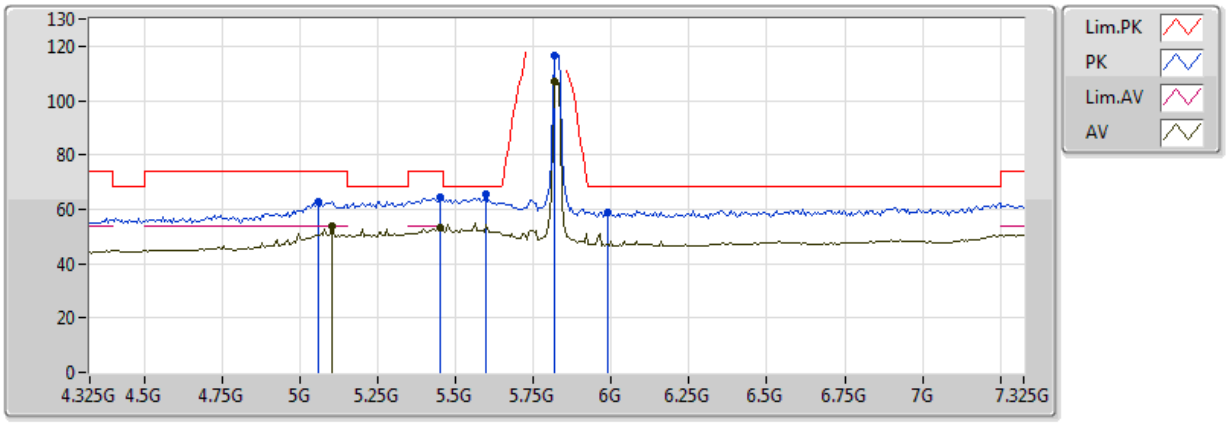


20170713
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5679G	45.06	54.00	-8.94	12.08	3	H	342	1.49	-
PK	11.56736G	58.66	74.00	-15.34	12.08	3	H	342	1.49	-

802.11a_(6Mbps)_2TX

5825MHz_TX

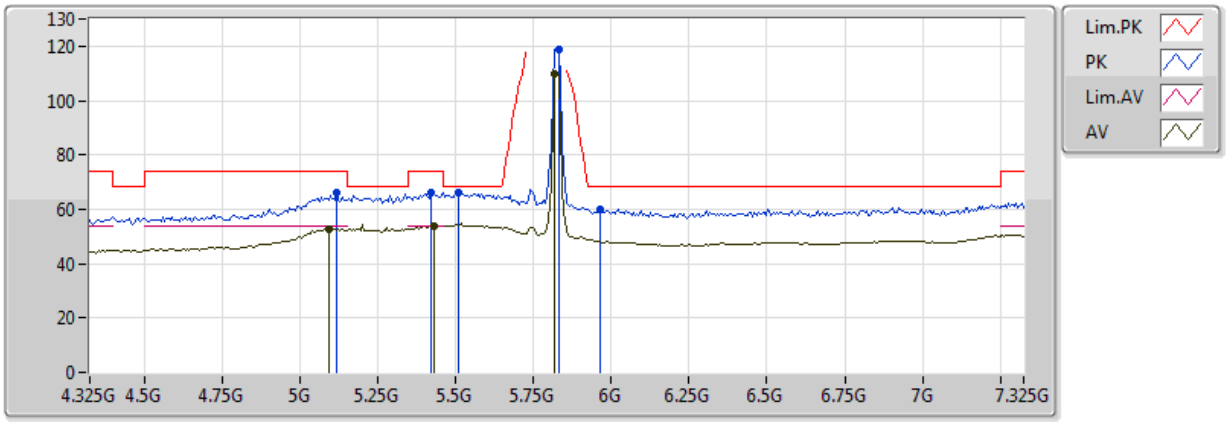


20170707
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.105G	53.86	54.00	-0.14	5.35	3	V	183	1.90	-
AV	5.453G	53.50	54.00	-0.50	6.04	3	V	183	1.90	-
AV	5.819G	106.89	Inf	-Inf	6.24	3	V	183	1.90	-
PK	5.057G	62.92	74.00	-11.08	5.23	3	V	183	1.90	-
PK	5.453G	64.57	74.00	-9.43	6.04	3	V	183	1.90	-
PK	5.597G	65.32	68.20	-2.88	6.24	3	V	183	1.90	-
PK	5.819G	116.49	Inf	-Inf	6.24	3	V	183	1.90	-
PK	5.987G	59.05	68.20	-9.15	6.16	3	V	183	1.90	-

802.11a_(6Mbps)_2TX

5825MHz_TX

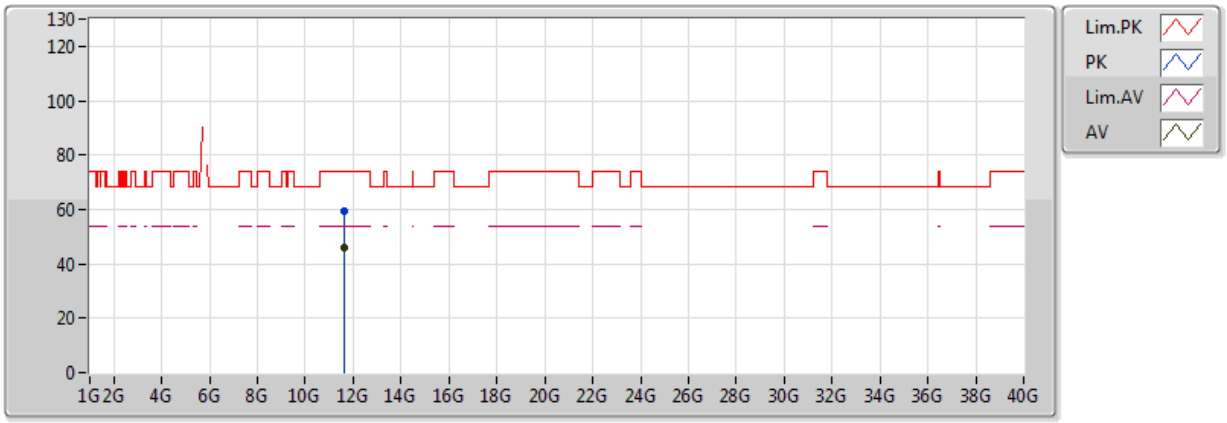


20170707
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.093G	52.54	54.00	-1.46	5.32	3	H	359	1.63	-
AV	5.429G	53.98	54.00	-0.02	5.98	3	H	359	1.63	-
AV	5.819G	109.79	Inf	-Inf	6.24	3	H	359	1.63	-
PK	5.117G	66.23	74.00	-7.77	5.38	3	H	359	1.63	-
PK	5.423G	66.16	74.00	-7.84	5.97	3	H	359	1.63	-
PK	5.507G	66.12	68.20	-2.08	6.17	3	H	359	1.63	-
PK	5.831G	118.80	Inf	-Inf	6.23	3	H	359	1.63	-
PK	5.963G	59.96	68.20	-8.24	6.17	3	H	359	1.63	-

802.11a_(6Mbps)_2TX

5825MHz_TX

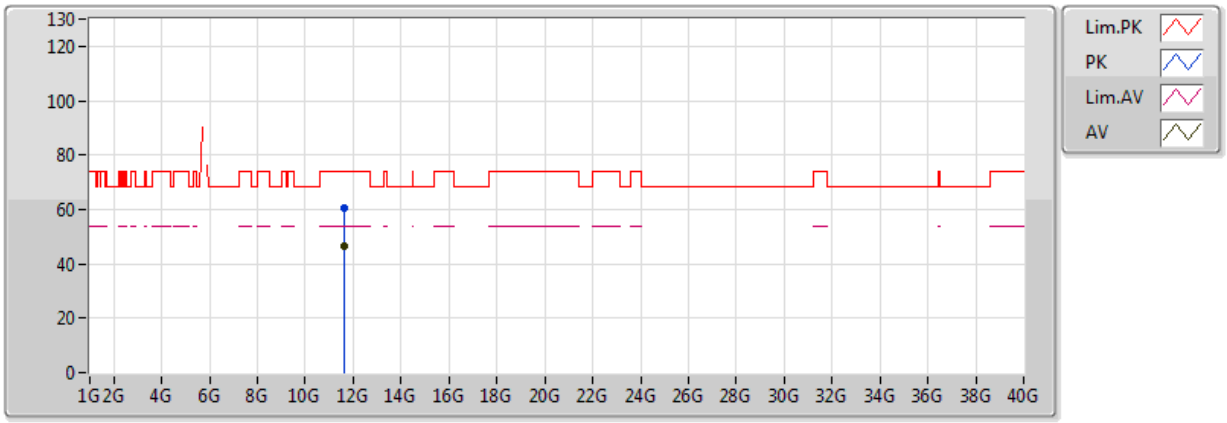


20170713
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6476G	45.80	54.00	-8.20	12.12	3	V	180	1.71	-
PK	11.65252G	59.37	74.00	-14.63	12.12	3	V	180	1.71	-

802.11a_(6Mbps)_2TX

5825MHz_TX

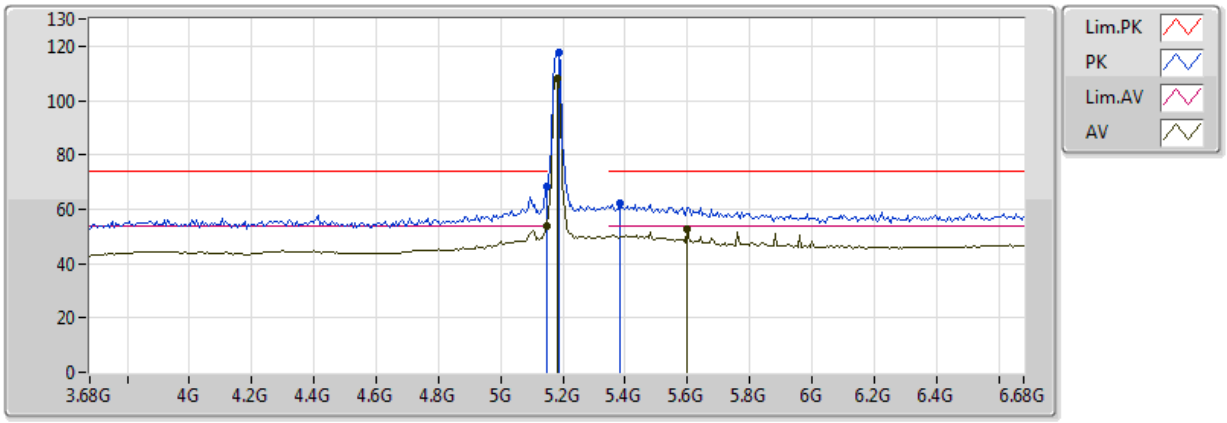


20170713
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6482G	46.69	54.00	-7.31	13.58	3	H	338	1.38	-
PK	11.64274G	60.56	74.00	-13.44	13.58	3	H	338	1.38	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

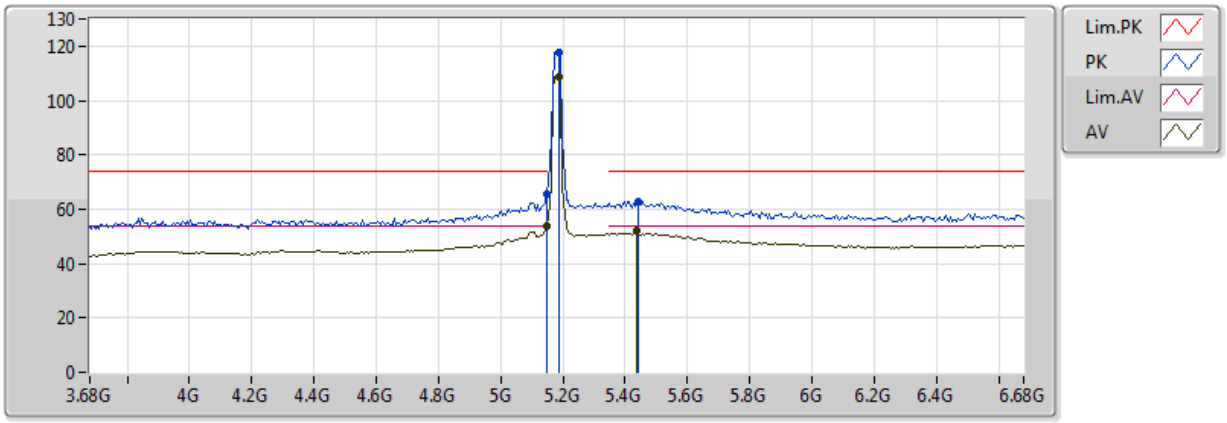


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.62	54.00	-0.38	5.44	3	V	188	2.01	-
AV	5.18G	107.89	Inf	-Inf	5.51	3	V	188	2.01	-
AV	5.6G	52.86	54.00	-1.14	6.24	3	V	188	2.01	-
PK	5.149995G	68.29	74.00	-5.71	5.44	3	V	188	2.01	-
PK	5.186G	117.60	Inf	-Inf	5.52	3	V	188	2.01	-
PK	5.384G	62.02	74.00	-11.98	5.88	3	V	188	2.01	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

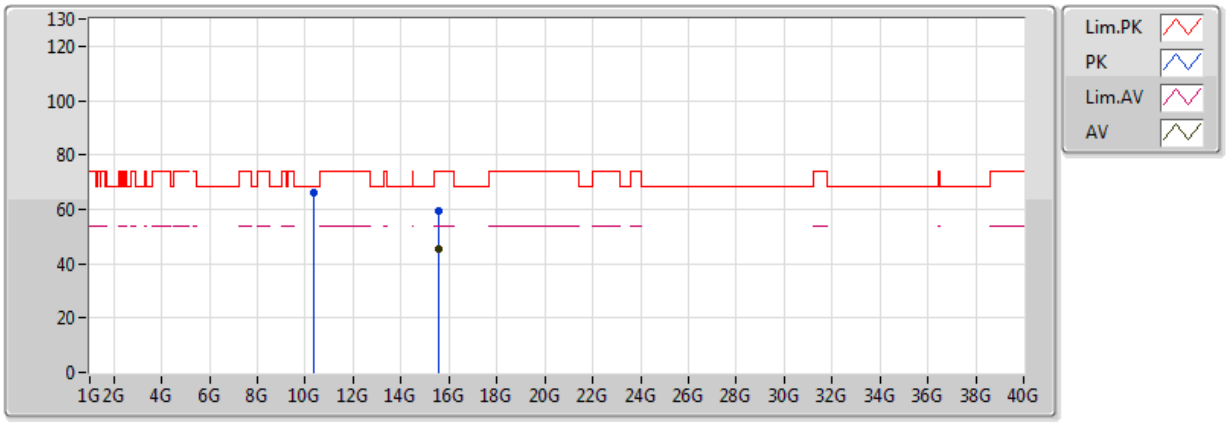


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.98	54.00	-0.02	5.44	3	H	183	1.71	-
AV	5.186G	108.66	Inf	-Inf	5.52	3	H	183	1.71	-
AV	5.438G	51.87	54.00	-2.13	6.01	3	H	183	1.71	-
PK	5.149995G	65.38	74.00	-8.62	5.44	3	H	183	1.71	-
PK	5.186G	117.70	Inf	-Inf	5.52	3	H	183	1.71	-
PK	5.444G	62.92	74.00	-11.08	6.02	3	H	183	1.71	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

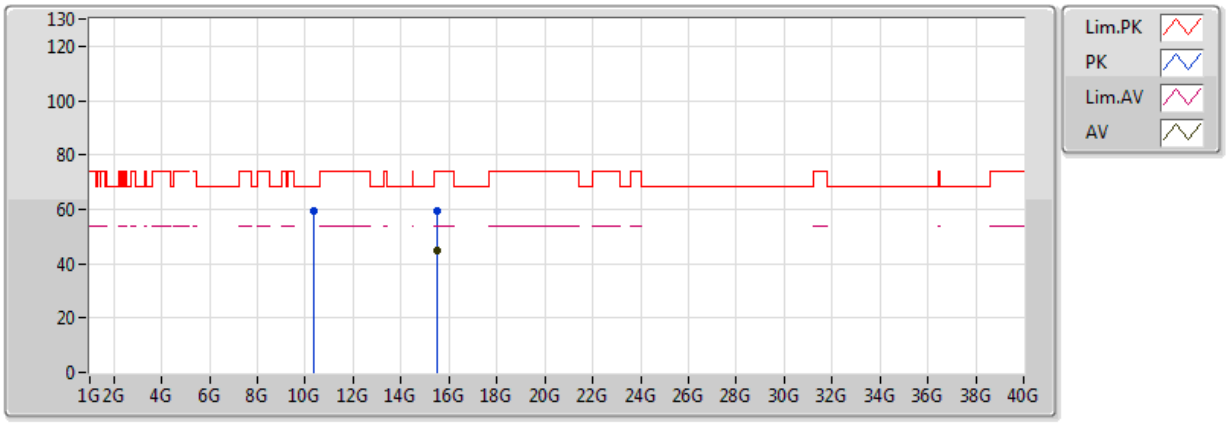


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54126G	45.20	54.00	-8.80	16.30	3	V	92	1.77	-
PK	10.3609G	66.03	68.20	-2.17	12.32	3	V	180	1.77	-
PK	15.54386G	59.59	74.00	-14.41	16.29	3	V	92	1.77	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

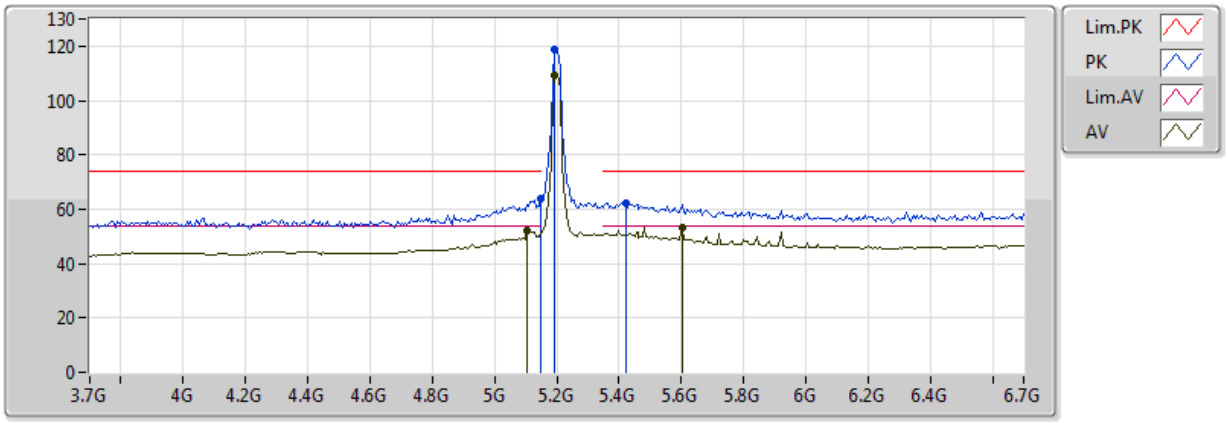


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53676G	45.09	54.00	-8.91	16.32	3	H	1	1.38	-
PK	10.3584G	59.25	68.20	-8.95	12.32	3	H	180	2.08	-
PK	15.5359G	59.45	74.00	-14.55	16.32	3	H	1	1.38	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

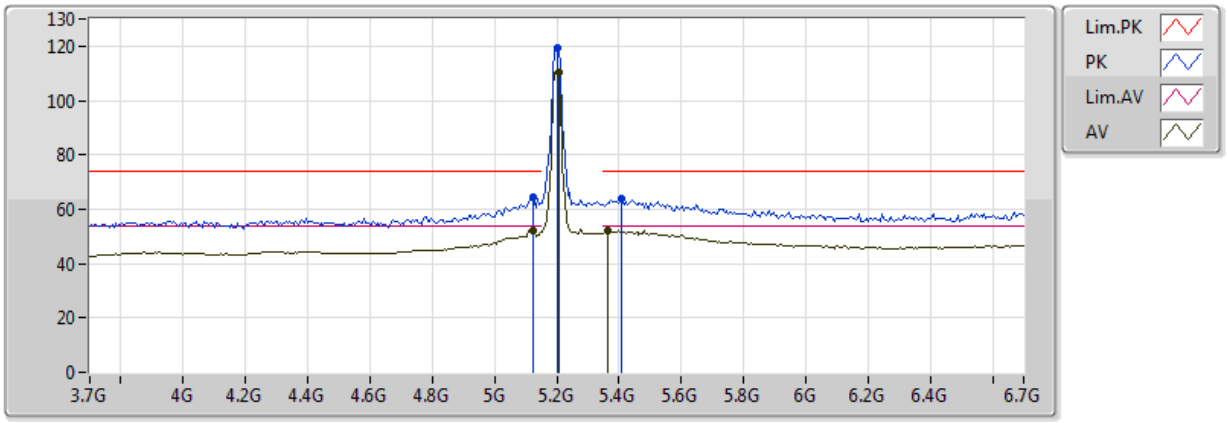


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.104G	52.15	54.00	-1.85	5.35	3	V	184	2.01	-
AV	5.194G	109.17	Inf	-Inf	5.54	3	V	184	2.01	-
AV	5.602G	53.34	54.00	-0.66	6.24	3	V	184	2.01	-
PK	5.149995G	64.06	74.00	-9.94	5.44	3	V	184	2.01	-
PK	5.194G	118.98	Inf	-Inf	5.54	3	V	184	2.01	-
PK	5.422G	61.96	74.00	-12.04	5.97	3	V	184	2.01	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

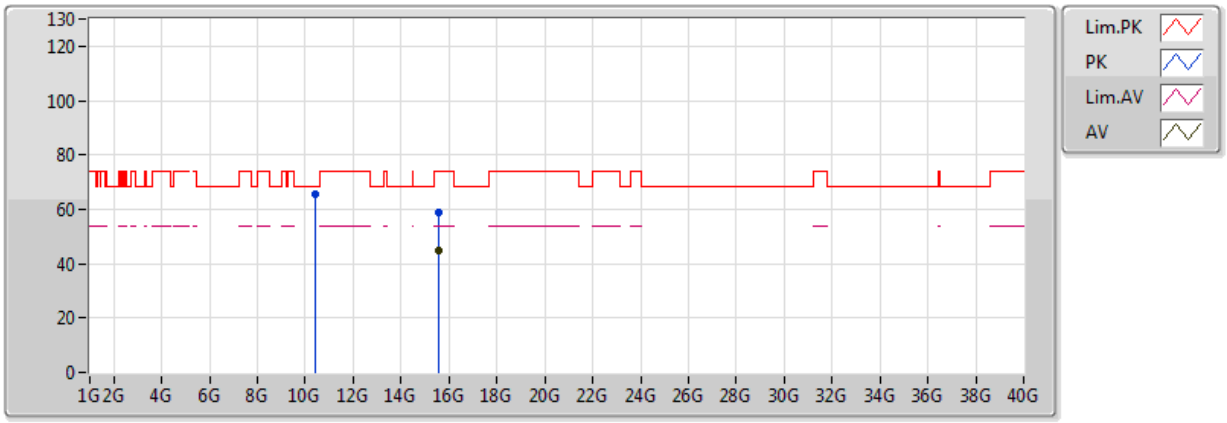


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	52.24	54.00	-1.76	5.39	3	H	176	1.93	-
AV	5.206G	110.60	Inf	-Inf	5.56	3	H	176	1.93	-
AV	5.362G	52.01	54.00	-1.99	5.85	3	H	176	1.93	-
PK	5.122G	64.22	74.00	-9.78	5.39	3	H	176	1.93	-
PK	5.2G	119.45	Inf	-Inf	5.55	3	H	176	1.93	-
PK	5.41G	63.91	74.00	-10.09	5.94	3	H	176	1.93	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

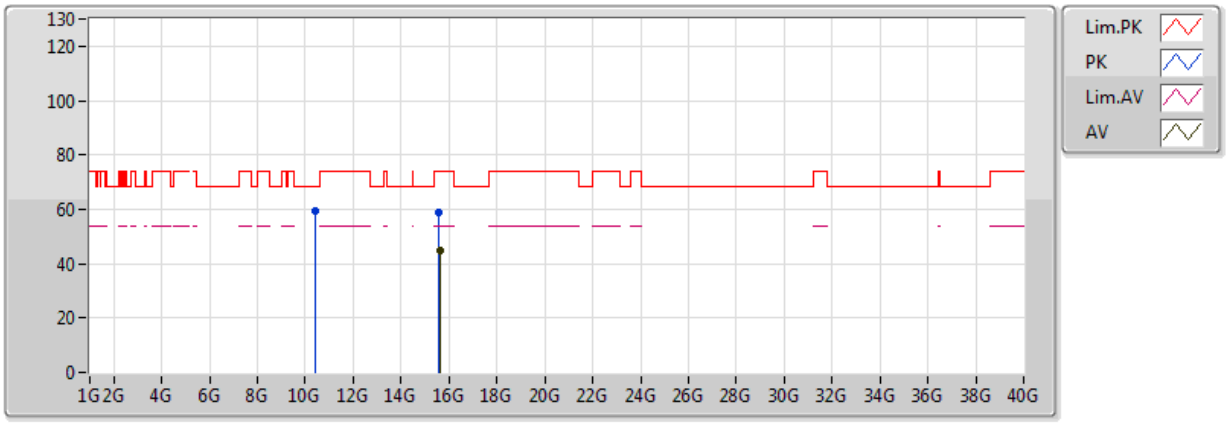


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59822G	44.71	54.00	-9.29	13.73	3	V	250	1.04	-
PK	10.4G	65.60	68.20	-2.60	12.36	3	V	177	1.83	-
PK	15.59754G	58.74	74.00	-15.26	13.73	3	V	250	1.04	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

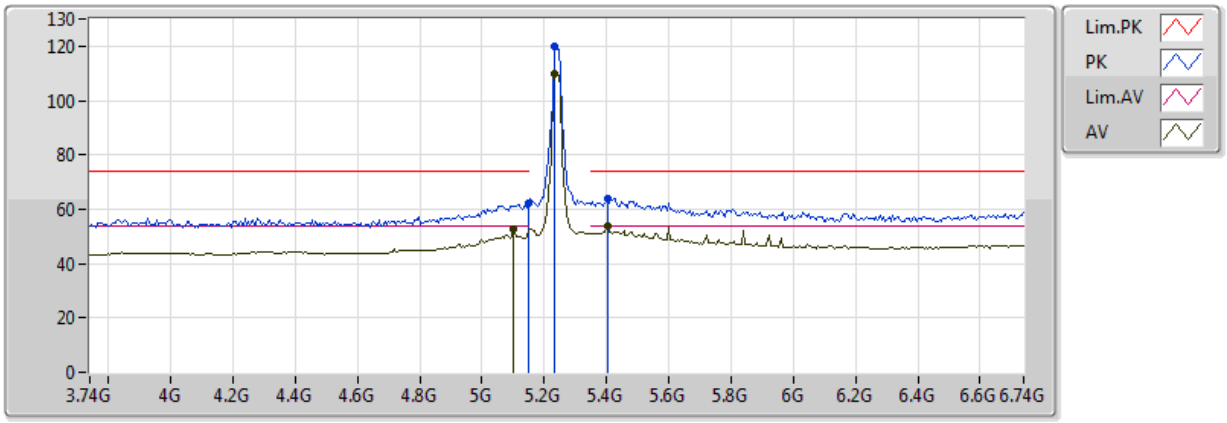


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6012G	44.83	54.00	-9.17	13.72	3	H	353	1.35	-
PK	10.4037G	59.17	68.20	-9.03	12.36	3	H	174	1.49	-
PK	15.59954G	58.93	74.00	-15.07	13.73	3	H	353	1.35	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

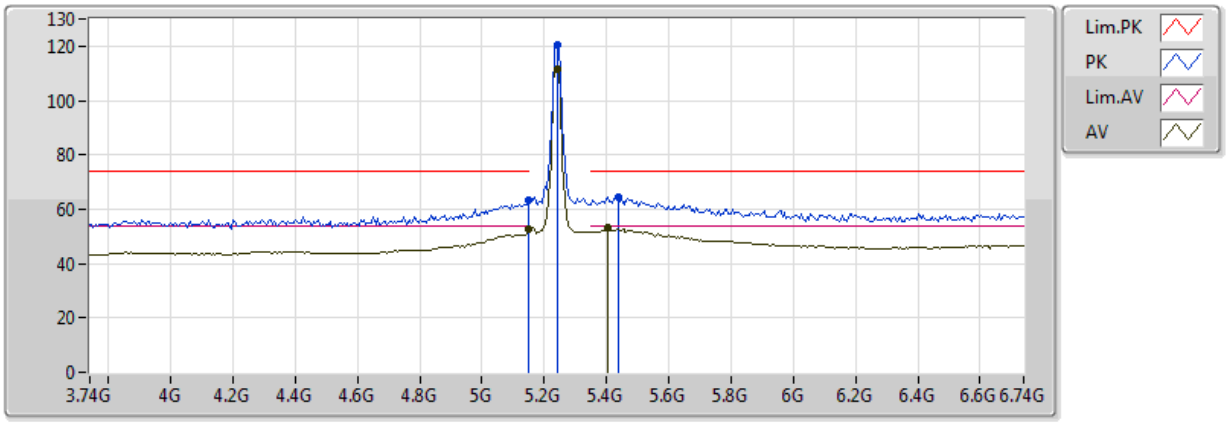


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.102G	52.84	54.00	-1.16	5.34	3	V	180	2.09	-
AV	5.234G	109.93	Inf	-Inf	5.61	3	V	180	2.09	-
AV	5.402G	53.79	54.00	-0.21	5.92	3	V	180	2.09	-
PK	5.149995G	62.34	74.00	-11.66	5.44	3	V	180	2.09	-
PK	5.234G	120.01	Inf	-Inf	5.61	3	V	180	2.09	-
PK	5.402G	63.87	74.00	-10.13	5.92	3	V	180	2.09	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

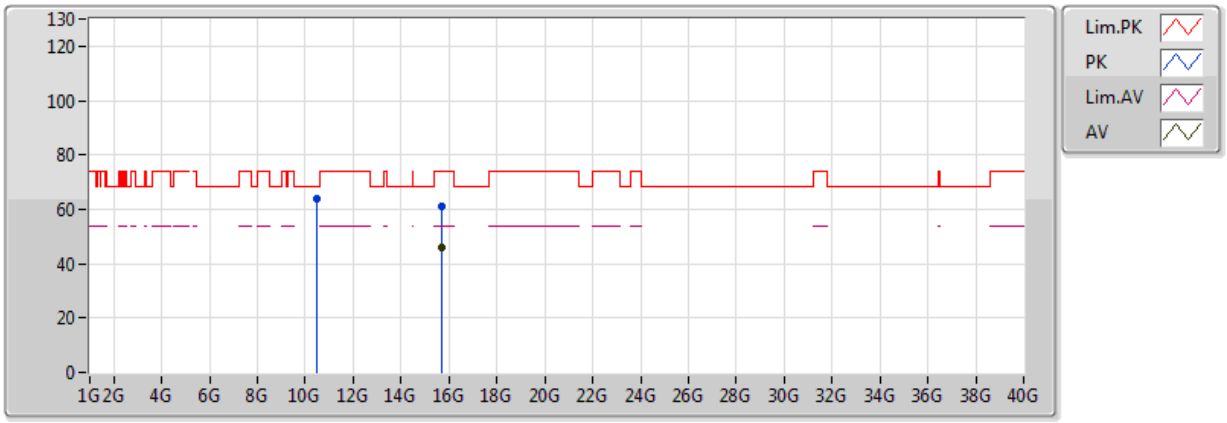


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	52.40	54.00	-1.60	5.44	3	H	177	1.92	-
AV	5.24G	111.39	Inf	-Inf	5.63	3	H	177	1.92	-
AV	5.402G	53.02	54.00	-0.98	5.92	3	H	177	1.92	-
PK	5.149995G	63.45	74.00	-10.55	5.44	3	H	177	1.92	-
PK	5.24G	120.69	Inf	-Inf	5.63	3	H	177	1.92	-
PK	5.438G	64.61	74.00	-9.39	6.01	3	H	177	1.92	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

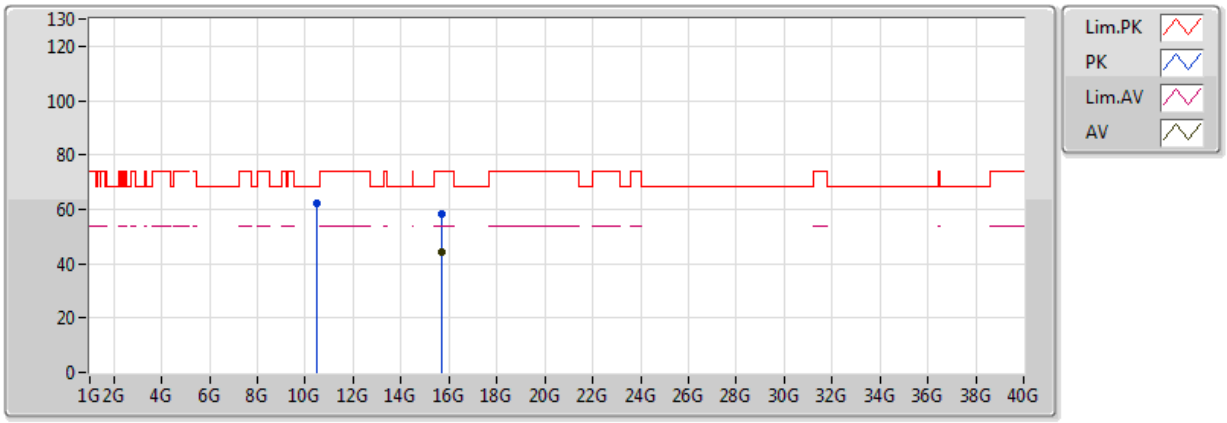


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.7152G	46.22	54.00	-7.78	15.74	3	V	135	1.92	-
PK	10.4789G	64.05	68.20	-4.15	12.43	3	V	175	1.72	-
PK	15.71772G	61.04	74.00	-12.96	15.73	3	V	135	1.92	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

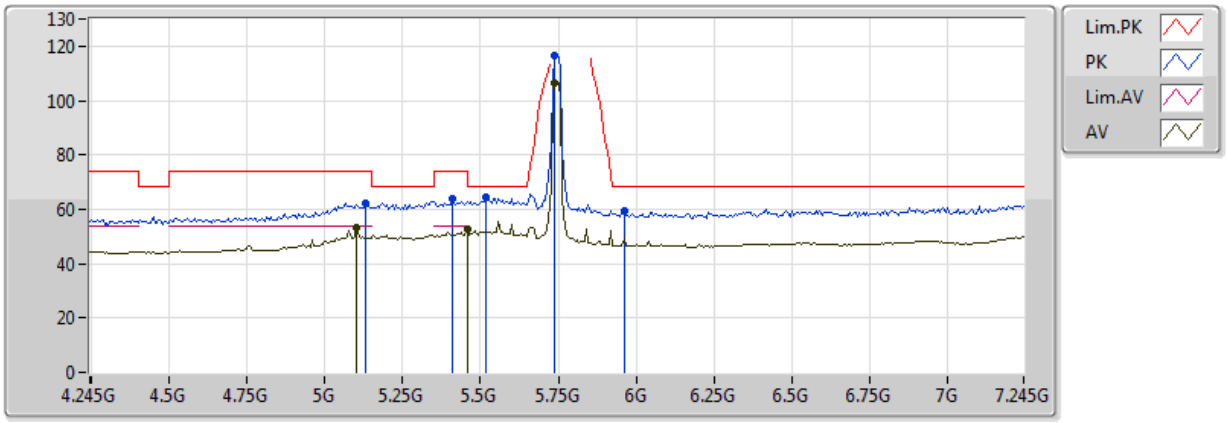


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72334G	44.00	54.00	-10.00	13.57	3	H	184	1.95	-
PK	10.48084G	62.08	68.20	-6.12	12.43	3	H	175	1.87	-
PK	15.72422G	58.20	74.00	-15.80	13.57	3	H	184	1.95	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

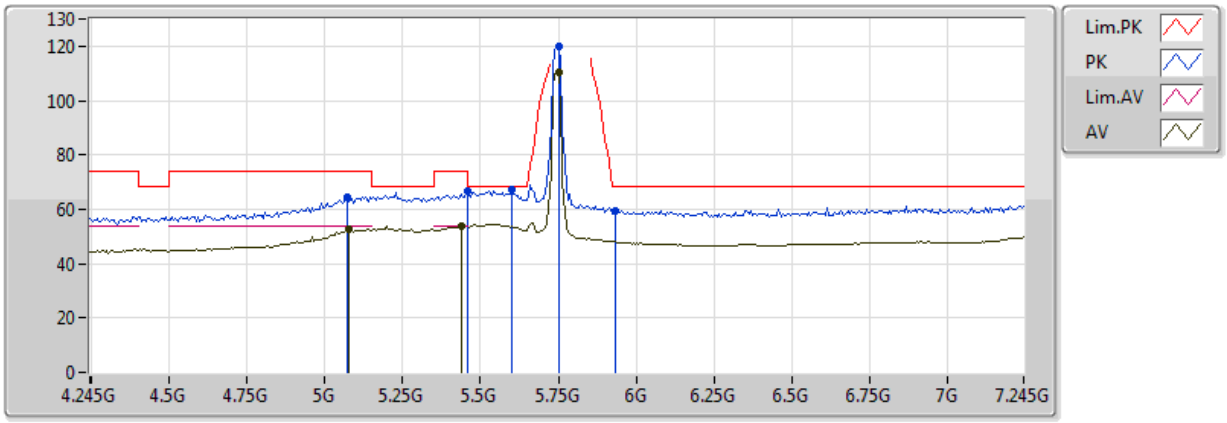


20170707
EUT Y_2TX
Setting 17
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.103G	53.18	54.00	-0.82	5.35	3	V	181	1.84	-
AV	5.457G	52.73	54.00	-1.27	6.05	3	V	181	1.84	-
AV	5.739G	106.40	Inf	-Inf	6.25	3	V	181	1.84	-
PK	5.133G	62.17	74.00	-11.83	5.41	3	V	181	1.84	-
PK	5.409G	63.90	74.00	-10.10	5.93	3	V	181	1.84	-
PK	5.517G	64.26	68.20	-3.94	6.17	3	V	181	1.84	-
PK	5.739G	116.30	Inf	-Inf	6.25	3	V	181	1.84	-
PK	5.961G	59.26	68.20	-8.94	6.17	3	V	181	1.84	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

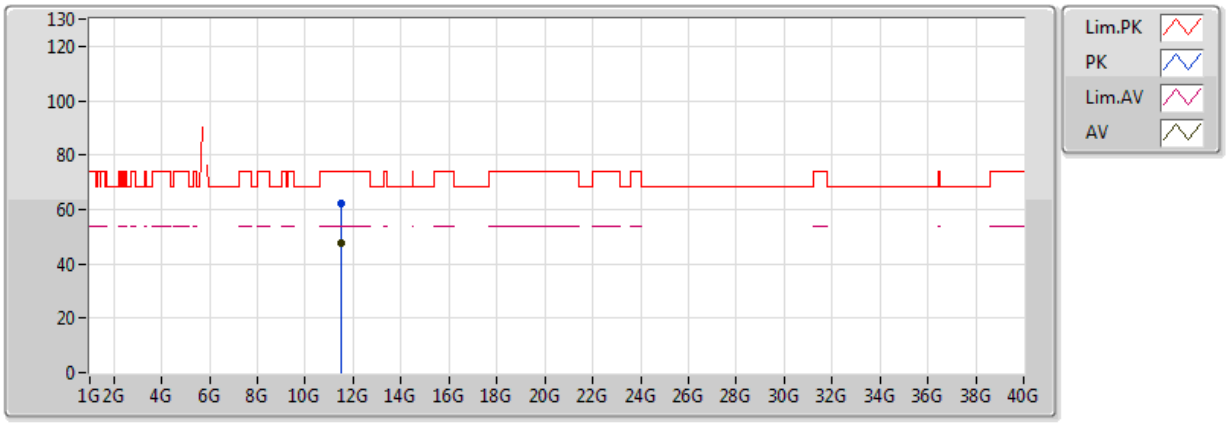


20170707
EUT Y_2TX
Setting 17
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.079G	52.52	54.00	-1.48	5.29	3	H	181	1.71	-
AV	5.439G	53.97	54.00	-0.03	6.01	3	H	181	1.71	-
AV	5.751G	110.32	Inf	-Inf	6.25	3	H	181	1.71	-
PK	5.073G	64.63	74.00	-9.37	5.27	3	H	181	1.71	-
PK	5.457G	66.53	74.00	-7.47	6.05	3	H	181	1.71	-
PK	5.601G	67.04	68.20	-1.16	6.24	3	H	181	1.71	-
PK	5.751G	119.87	Inf	-Inf	6.25	3	H	181	1.71	-
PK	5.931G	59.56	68.20	-8.64	6.18	3	H	181	1.71	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

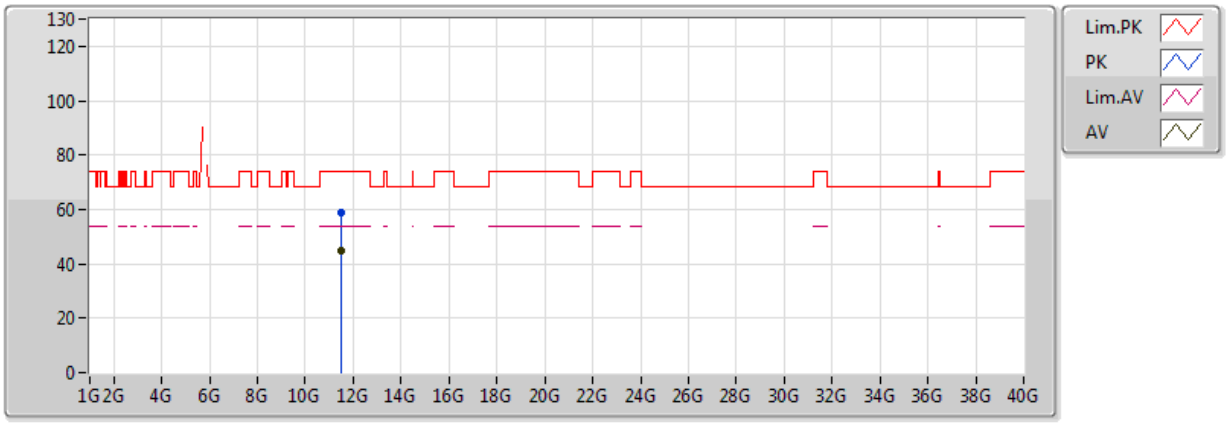


20170713
EUT Y_2TX
Setting 17
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4907G	47.82	54.00	-6.18	12.04	3	V	181	1.45	-
PK	11.4894G	62.15	74.00	-11.85	12.04	3	V	181	1.45	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

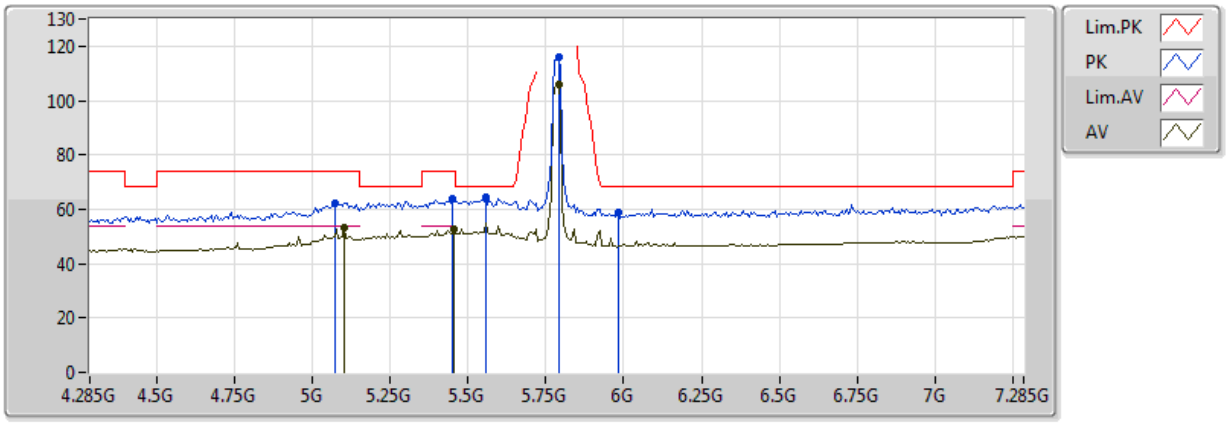


20170713
EUT Y_2TX
Setting 17
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4892G	44.94	54.00	-9.06	12.04	3	H	339	1.44	-
PK	11.4884G	59.00	74.00	-15.00	12.04	3	H	339	1.44	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

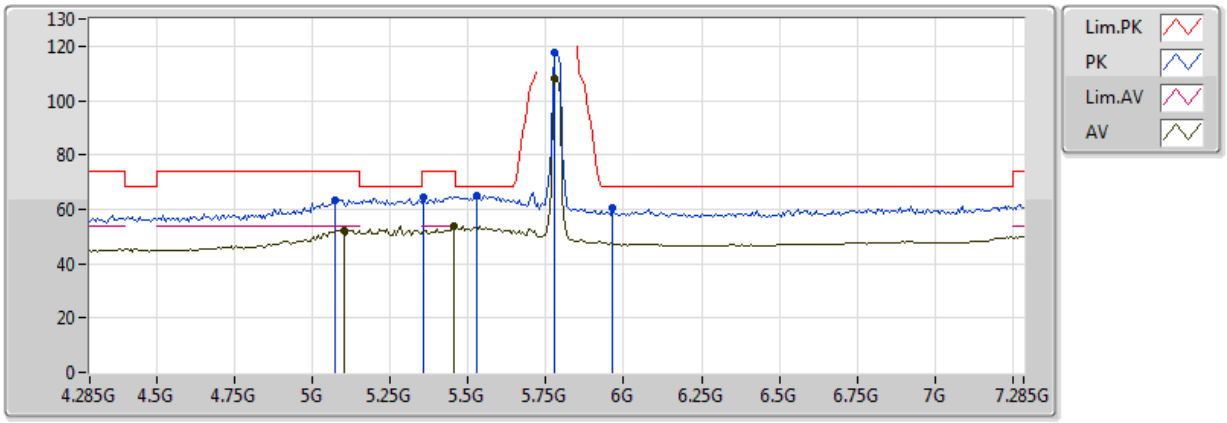


20170707
EUT Y_2TX
Setting 15.5
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.101G	53.01	54.00	-0.99	5.34	3	V	177	1.78	-
AV	5.455G	52.87	54.00	-1.13	6.05	3	V	177	1.78	-
AV	5.791G	105.95	Inf	-Inf	6.25	3	V	177	1.78	-
PK	5.071G	62.41	74.00	-11.59	5.27	3	V	177	1.78	-
PK	5.449G	63.92	74.00	-10.08	6.03	3	V	177	1.78	-
PK	5.557G	64.32	68.20	-3.88	6.21	3	V	177	1.78	-
PK	5.791G	116.05	Inf	-Inf	6.25	3	V	177	1.78	-
PK	5.983G	58.68	68.20	-9.52	6.16	3	V	177	1.78	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

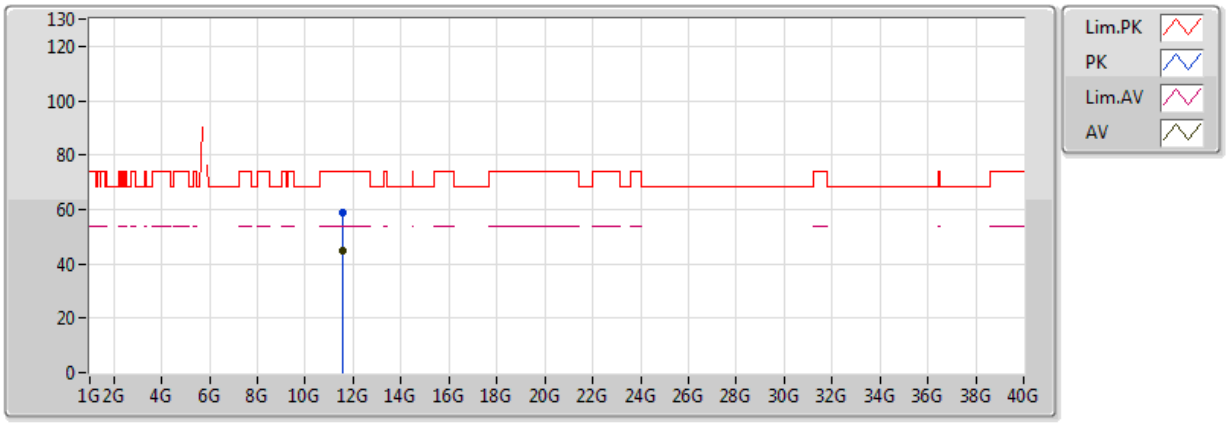


20170707
EUT Y_2TX
Setting 15.5
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.101G	52.12	54.00	-1.88	5.34	3	H	186	1.81	-
AV	5.455G	53.99	54.00	-0.01	6.05	3	H	186	1.81	-
AV	5.779G	108.21	Inf	-Inf	6.25	3	H	186	1.81	-
PK	5.071G	63.56	74.00	-10.44	5.27	3	H	186	1.81	-
PK	5.359G	64.55	74.00	-9.45	5.84	3	H	186	1.81	-
PK	5.527G	65.25	68.20	-2.95	6.18	3	H	186	1.81	-
PK	5.779G	117.60	Inf	-Inf	6.25	3	H	186	1.81	-
PK	5.965G	60.54	68.20	-7.66	6.17	3	H	186	1.81	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

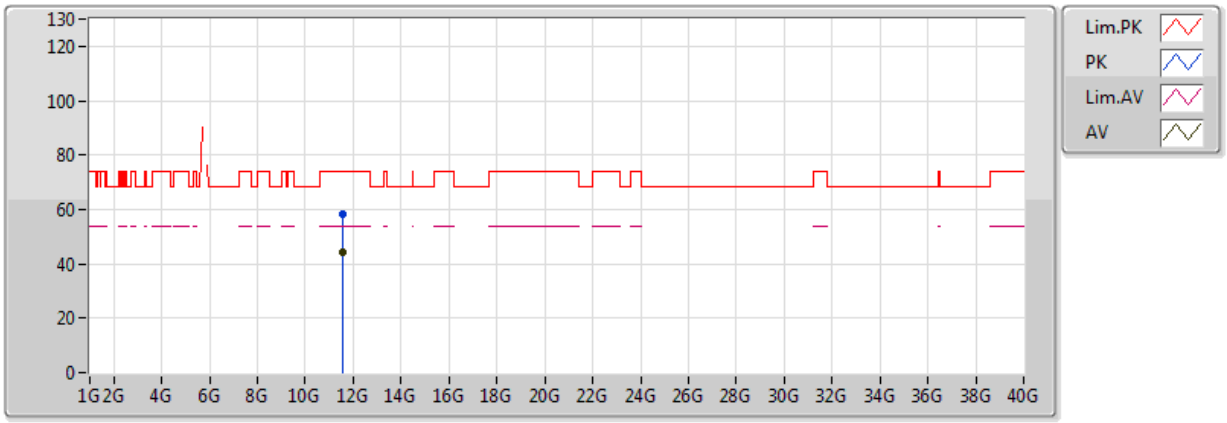


20170713
EUT Y_2TX
Setting 15.5
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5724G	44.72	54.00	-9.28	12.08	3	V	183	1.41	-
PK	11.5728G	58.94	74.00	-15.06	12.08	3	V	183	1.41	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

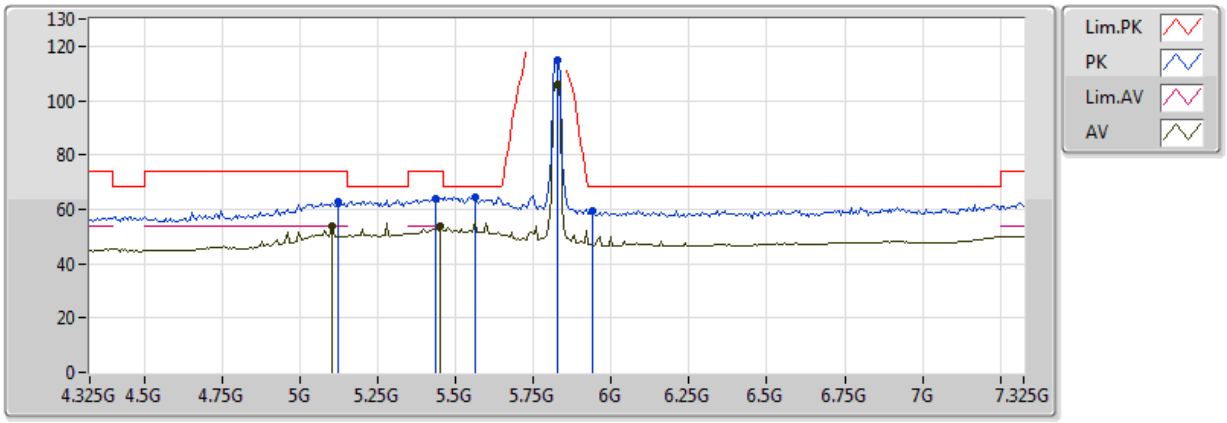


20170713
EUT Y_2TX
Setting 15.5
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5659G	44.34	54.00	-9.66	12.08	3	H	344	1.36	-
PK	11.5644G	58.01	74.00	-15.99	12.08	3	H	344	1.36	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

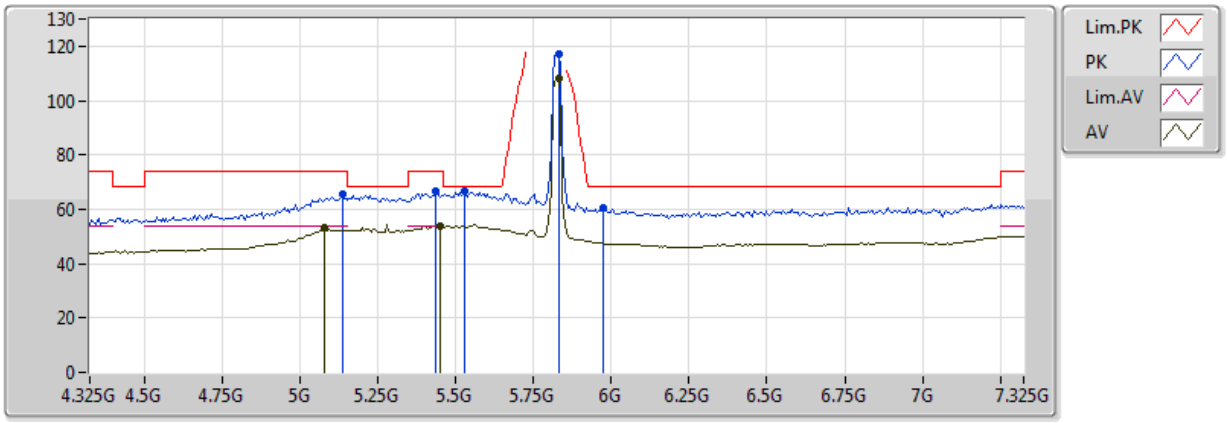


20170710
EUT Y_2TX
Setting 15
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.105G	53.65	54.00	-0.35	5.35	3	V	181	1.95	-
AV	5.453G	53.81	54.00	-0.19	6.04	3	V	181	1.95	-
AV	5.825G	105.85	Inf	-Inf	6.24	3	V	181	1.95	-
PK	5.123G	62.57	74.00	-11.43	5.39	3	V	181	1.95	-
PK	5.435G	64.04	74.00	-9.96	6.00	3	V	181	1.95	-
PK	5.561G	64.67	68.20	-3.53	6.21	3	V	181	1.95	-
PK	5.825G	115.08	Inf	-Inf	6.24	3	V	181	1.95	-
PK	5.939G	59.48	68.20	-8.72	6.18	3	V	181	1.95	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

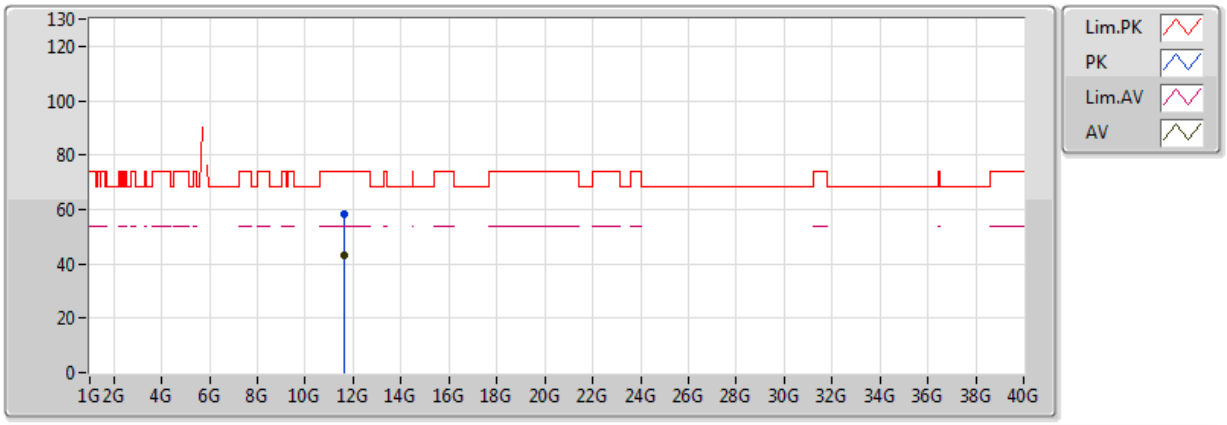


20170710
EUT Y_2TX
Setting 15
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.081G	53.12	54.00	-0.88	5.29	3	H	181	1.58	-
AV	5.453G	53.95	54.00	-0.05	6.04	3	H	181	1.58	-
AV	5.831G	107.99	Inf	-Inf	6.23	3	H	181	1.58	-
PK	5.135G	65.31	74.00	-8.69	5.41	3	H	181	1.58	-
PK	5.435G	66.43	74.00	-7.57	6.00	3	H	181	1.58	-
PK	5.531G	66.87	68.20	-1.33	6.18	3	H	181	1.58	-
PK	5.831G	117.30	Inf	-Inf	6.23	3	H	181	1.58	-
PK	5.975G	60.24	68.20	-7.96	6.16	3	H	181	1.58	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

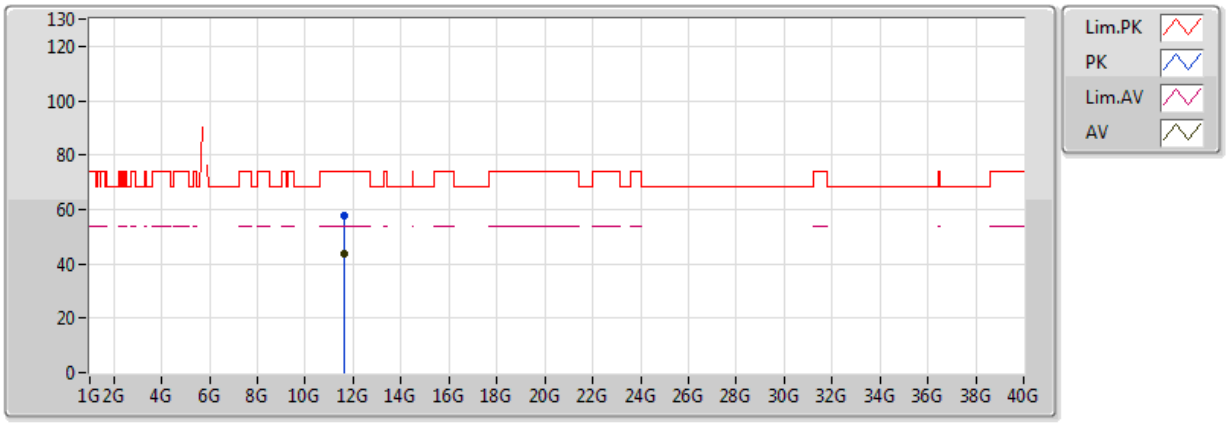


20170713
EUT Y_2TX
Setting 15
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6494G	43.30	54.00	-10.70	12.12	3	V	181	1.01	-
PK	11.6518G	58.11	74.00	-15.89	12.12	3	V	181	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

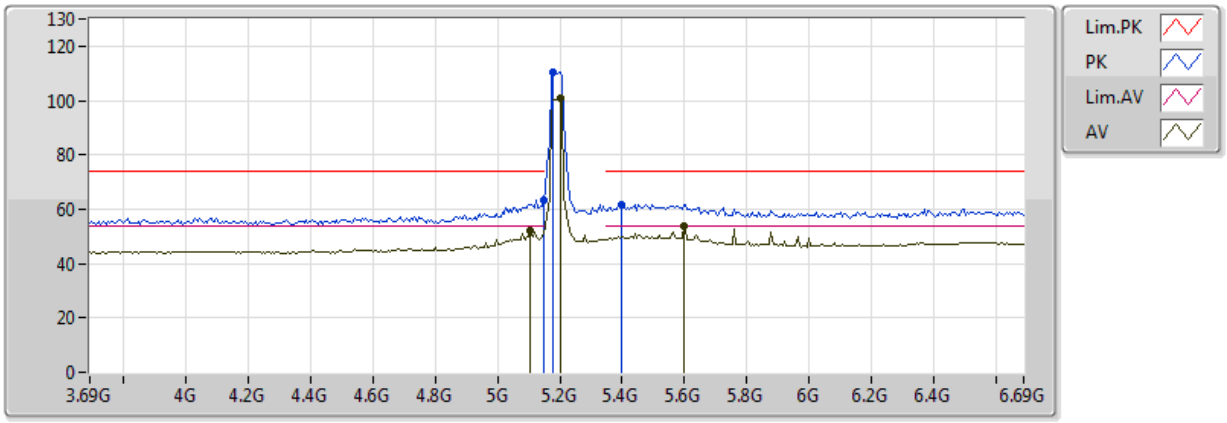


20170713
EUT Y_2TX
Setting 15
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.6525G	43.67	54.00	-10.33	12.12	3	H	349	1.85	-
PK	11.6516G	57.90	74.00	-16.10	12.12	3	H	349	1.85	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

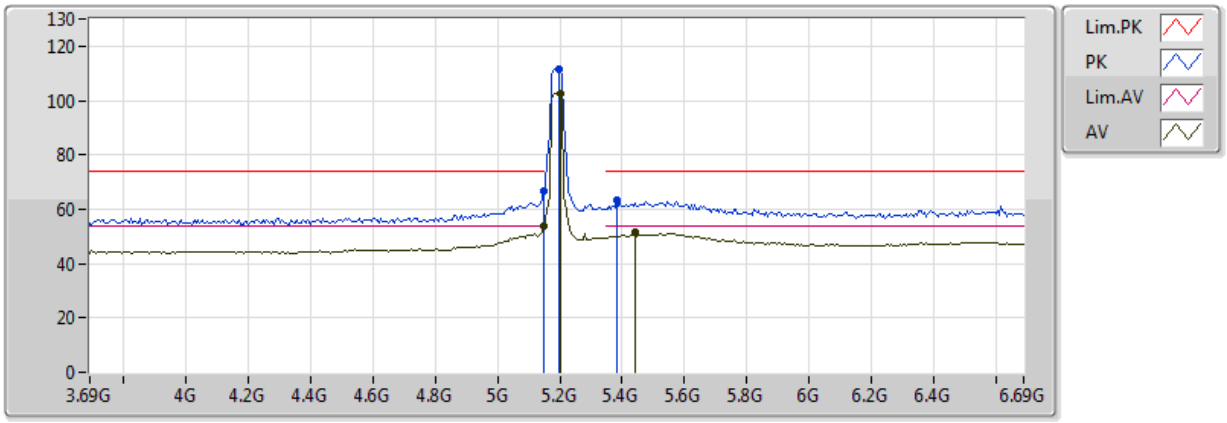


20170710
EUT Y_2TX
Setting 14.5
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.106G	51.85	54.00	-2.15	5.35	3	V	180	1.93	-
AV	5.202G	100.87	Inf	-Inf	5.55	3	V	180	1.93	-
AV	5.598G	53.56	54.00	-0.44	6.24	3	V	180	1.93	-
PK	5.149995G	63.59	74.00	-10.41	5.44	3	V	180	1.93	-
PK	5.178G	110.42	Inf	-Inf	5.50	3	V	180	1.93	-
PK	5.4G	61.80	74.00	-12.20	5.91	3	V	180	1.93	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

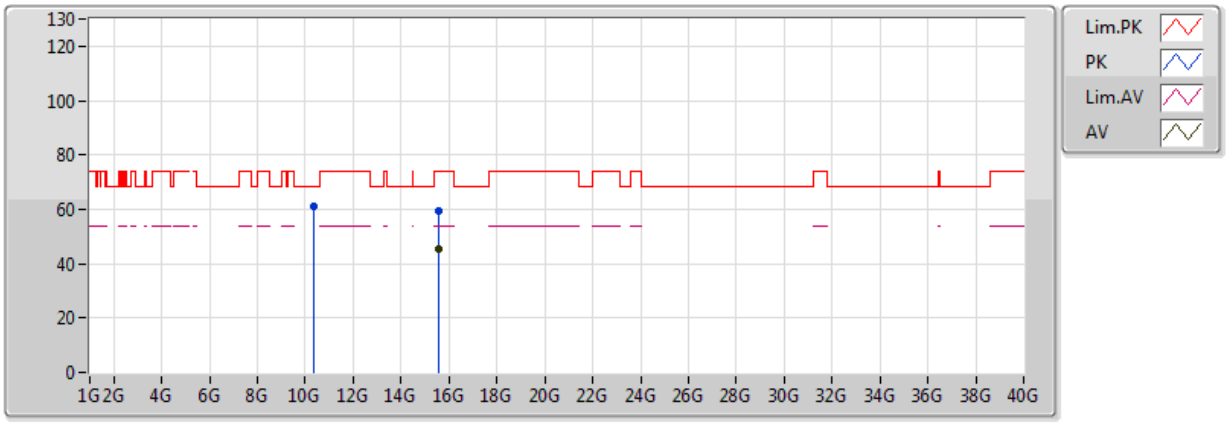


20170710
EUT Y_2TX
Setting 14.5
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.79	54.00	-0.21	5.44	3	H	179	1.71	-
AV	5.202G	102.58	Inf	-Inf	5.55	3	H	179	1.71	-
AV	5.442G	51.49	54.00	-2.51	6.02	3	H	179	1.71	-
PK	5.149995G	66.65	74.00	-7.35	5.44	3	H	179	1.71	-
PK	5.196G	111.54	Inf	-Inf	5.54	3	H	179	1.71	-
PK	5.382G	63.26	74.00	-10.74	5.88	3	H	179	1.71	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

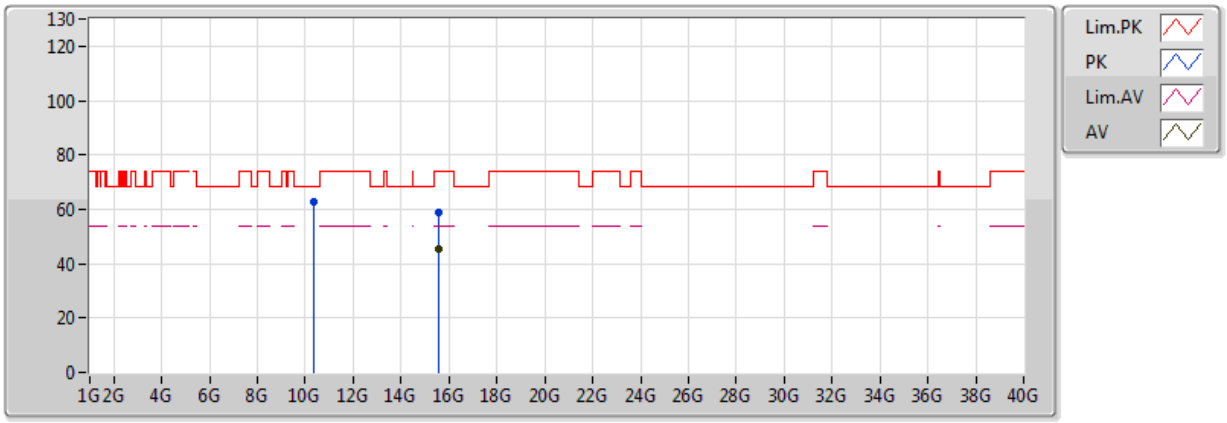


20170713
EUT Y_2TX
Setting 14.5
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56738G	45.63	54.00	-8.37	13.77	3	V	336	2.46	-
PK	10.3801G	61.35	68.20	-6.85	11.10	3	V	179	1.49	-
PK	15.56688G	59.19	74.00	-14.81	13.77	3	V	336	2.46	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

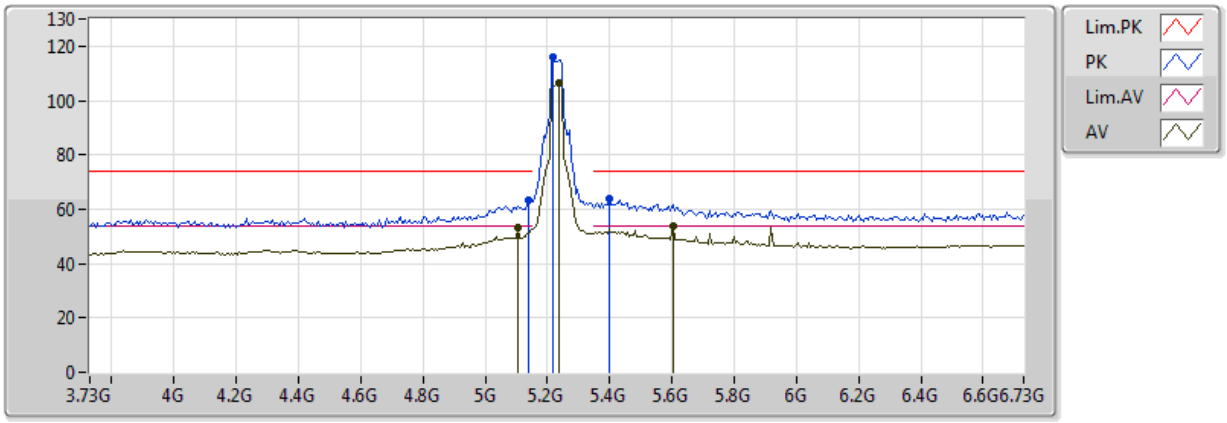


20170713
EUT Y_2TX
Setting 14.5
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56514G	45.56	54.00	-8.44	13.77	3	H	96	2.42	-
PK	10.3807G	62.98	68.20	-5.22	11.10	3	H	184	1.81	-
PK	15.57278G	58.98	74.00	-15.02	13.76	3	H	96	2.42	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

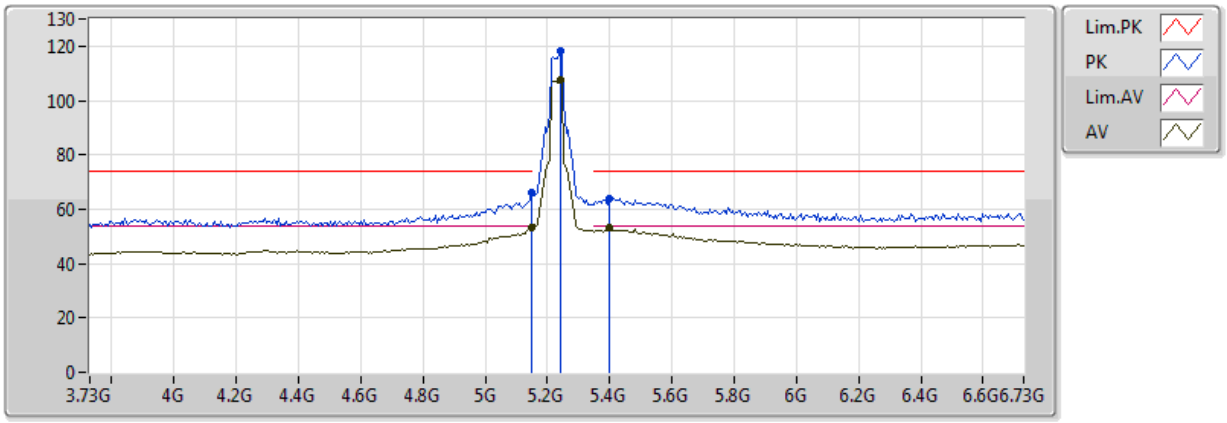


20170726
EUT Y_2TX
Setting 20
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.104G	53.02	54.00	-0.98	5.35	3	V	180	1.98	-
AV	5.236G	106.32	Inf	-Inf	5.62	3	V	180	1.98	-
AV	5.602G	53.56	54.00	-0.44	6.24	3	V	180	1.98	-
PK	5.14G	63.14	74.00	-10.86	5.42	3	V	180	1.98	-
PK	5.218G	115.79	Inf	-Inf	5.58	3	V	180	1.98	-
PK	5.398G	63.64	74.00	-10.36	5.91	3	V	180	1.98	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

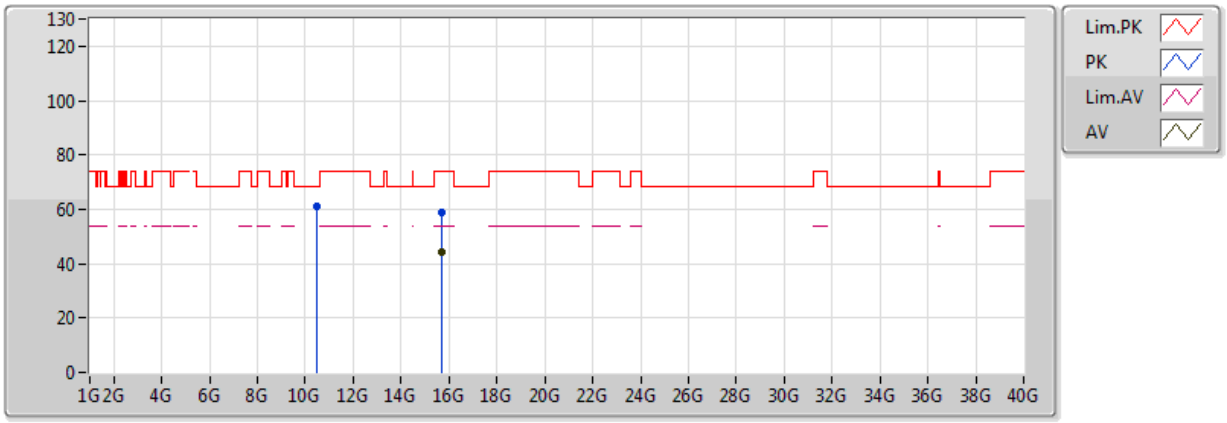


20170726
EUT Y_2TX
Setting 20
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.17	54.00	-0.83	5.44	3	H	182	1.71	-
AV	5.242G	107.53	Inf	-Inf	5.63	3	H	182	1.71	-
AV	5.398G	53.30	54.00	-0.70	5.91	3	H	182	1.71	-
PK	5.149995G	65.86	74.00	-8.14	5.44	3	H	182	1.71	-
PK	5.242G	118.13	Inf	-Inf	5.63	3	H	182	1.71	-
PK	5.398G	64.04	74.00	-9.96	5.91	3	H	182	1.71	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

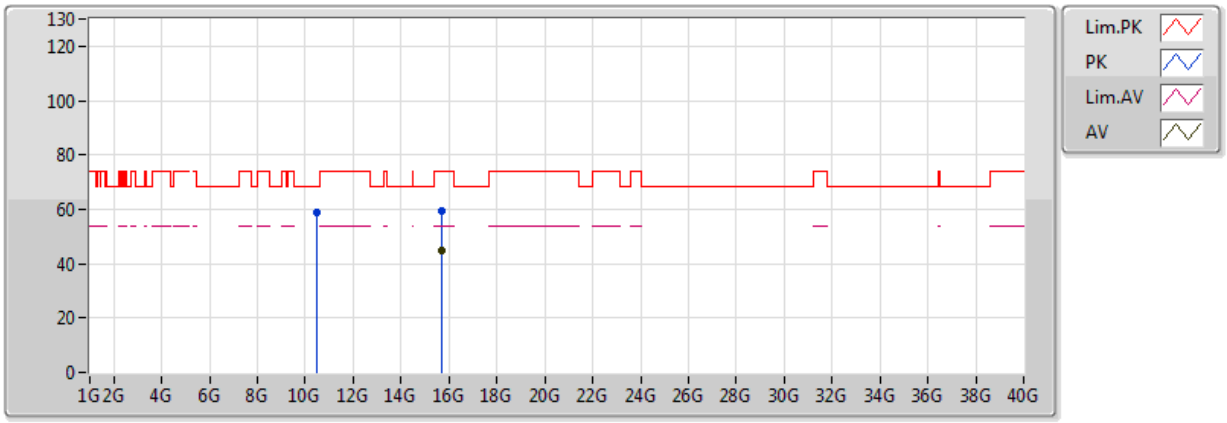


20170726
EUT Y_2TX
Setting 20
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.68646G	44.47	54.00	-9.53	15.83	3	V	11	1.98	-
PK	10.4602G	61.27	68.20	-6.93	12.41	3	V	176	1.79	-
PK	15.6865G	58.70	74.00	-15.30	15.83	3	V	11	1.98	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

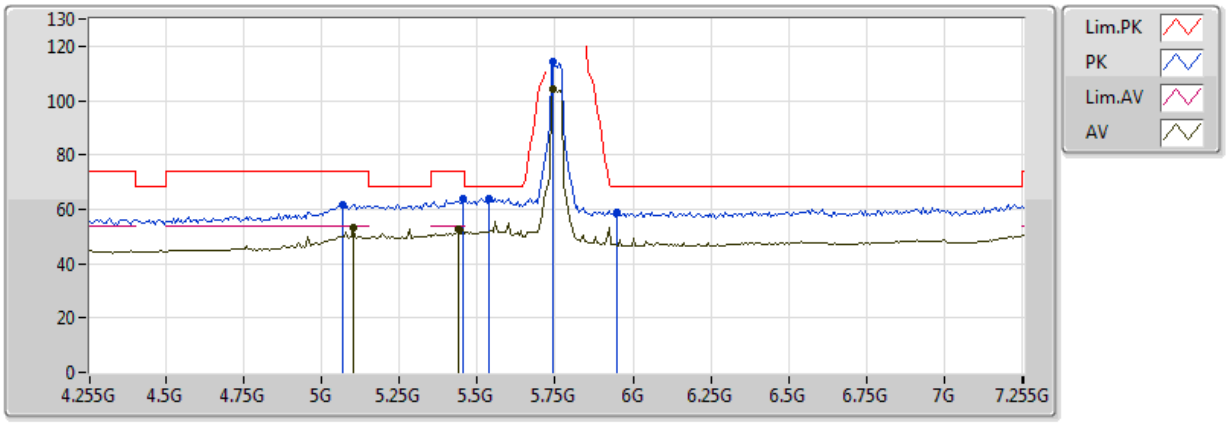


20170726
EUT Y_2TX
Setting 20
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69144G	44.70	54.00	-9.30	15.81	3	H	207	2.03	-
PK	10.4586G	59.00	68.20	-9.20	12.41	3	H	179	2.04	-
PK	15.68838G	59.28	74.00	-14.72	15.82	3	H	207	2.03	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

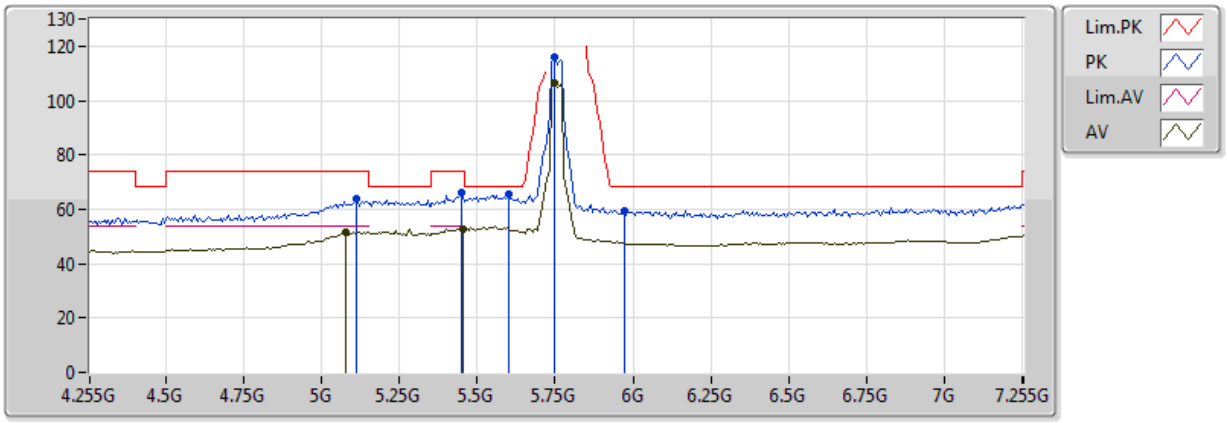


20170710
EUT Y_2TX
Setting 16.5
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.101G	53.51	54.00	-0.49	5.34	3	V	182	1.83	-
AV	5.437G	52.66	54.00	-1.34	6.00	3	V	182	1.83	-
AV	5.743G	104.24	Inf	-Inf	6.25	3	V	182	1.83	-
PK	5.065G	61.88	74.00	-12.12	5.25	3	V	182	1.83	-
PK	5.455G	63.85	74.00	-10.15	6.05	3	V	182	1.83	-
PK	5.539G	64.06	68.20	-4.14	6.19	3	V	182	1.83	-
PK	5.743G	114.47	Inf	-Inf	6.25	3	V	182	1.83	-
PK	5.947G	58.76	68.20	-9.44	6.18	3	V	182	1.83	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

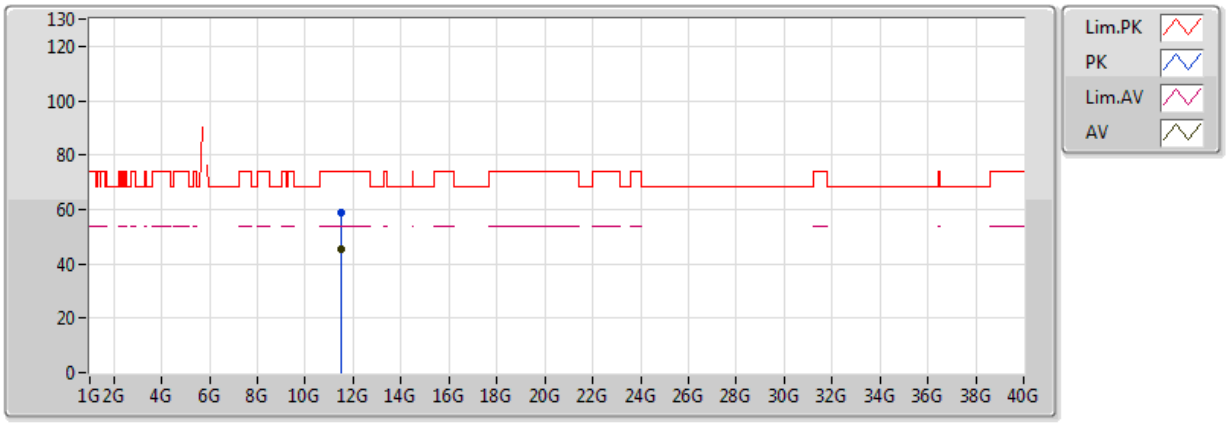


20170710
EUT Y_2TX
Setting 16.5
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.077G	51.45	54.00	-2.55	5.28	3	H	184	1.54	-
AV	5.455G	52.70	54.00	-1.30	6.05	3	H	184	1.54	-
AV	5.749G	106.29	Inf	-Inf	6.25	3	H	184	1.54	-
PK	5.113G	63.63	74.00	-10.37	5.37	3	H	184	1.54	-
PK	5.449G	66.17	74.00	-7.83	6.03	3	H	184	1.54	-
PK	5.599G	65.58	68.20	-2.62	6.24	3	H	184	1.54	-
PK	5.749G	116.18	Inf	-Inf	6.25	3	H	184	1.54	-
PK	5.971G	59.62	68.20	-8.58	6.16	3	H	184	1.54	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

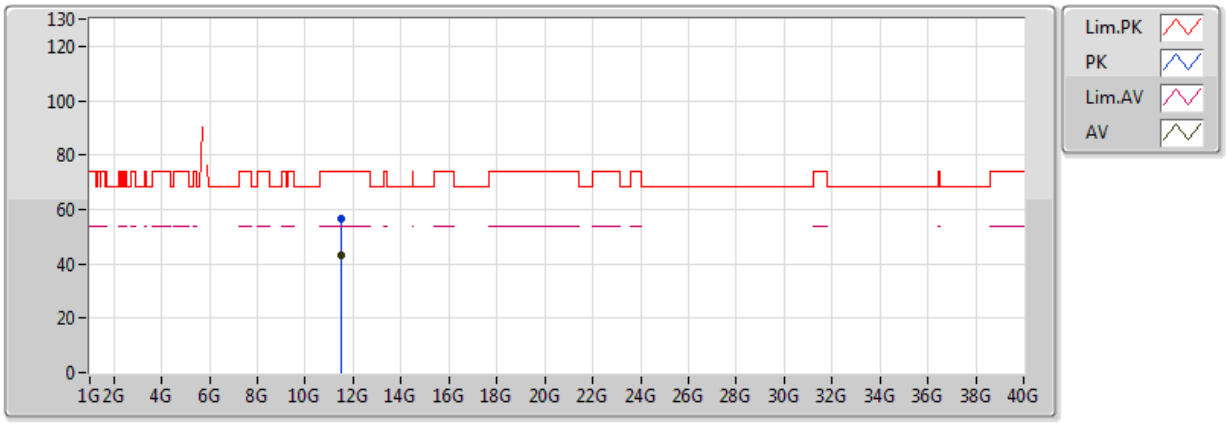


20170713
EUT Y_2TX
Setting 16.5
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5029G	45.27	54.00	-8.73	12.05	3	V	183	1.73	-
PK	11.5074G	58.85	74.00	-15.15	12.05	3	V	183	1.73	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

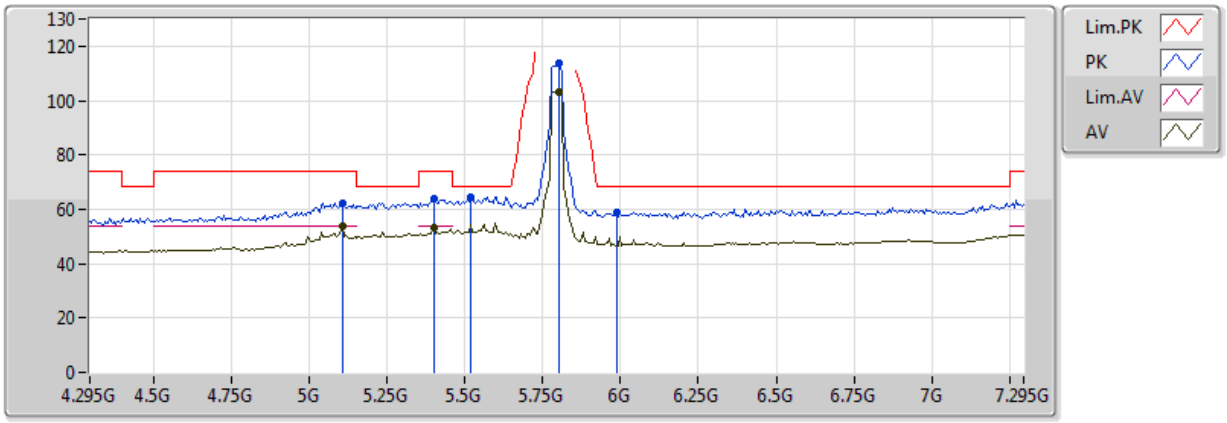


20170713
EUT Y_2TX
Setting 16.5
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5083G	43.34	54.00	-10.66	12.05	3	H	341	1.50	-
PK	11.5069G	56.51	74.00	-17.49	12.05	3	H	341	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

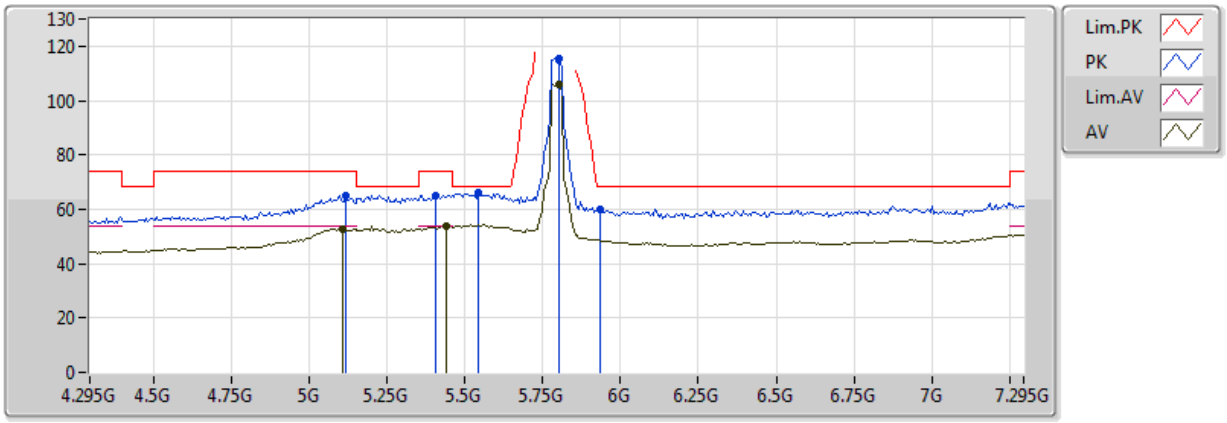


20170710
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.105G	53.66	54.00	-0.34	5.35	3	V	183	1.79	-
AV	5.399G	53.13	54.00	-0.87	5.91	3	V	183	1.79	-
AV	5.801G	103.31	Inf	-Inf	6.25	3	V	183	1.79	-
PK	5.105G	62.06	74.00	-11.94	5.35	3	V	183	1.79	-
PK	5.399G	63.63	74.00	-10.37	5.91	3	V	183	1.79	-
PK	5.519G	64.63	68.20	-3.57	6.18	3	V	183	1.79	-
PK	5.801G	113.56	Inf	-Inf	6.25	3	V	183	1.79	-
PK	5.987G	58.69	68.20	-9.51	6.16	3	V	183	1.79	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

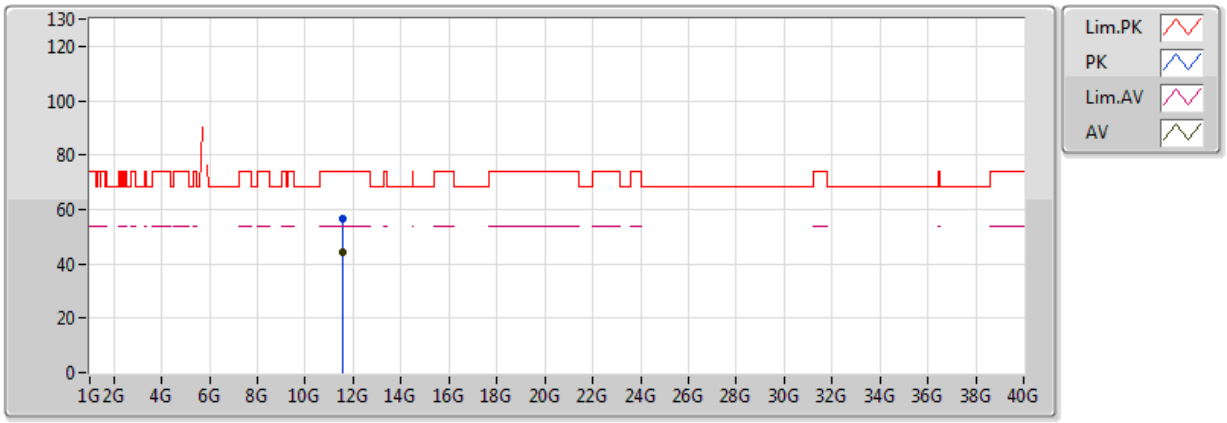


20170710
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.105G	52.77	54.00	-1.23	5.35	3	H	181	1.76	-
AV	5.441G	53.90	54.00	-0.10	6.01	3	H	181	1.76	-
AV	5.801G	105.90	Inf	-Inf	6.25	3	H	181	1.76	-
PK	5.117G	65.21	74.00	-8.79	5.38	3	H	181	1.76	-
PK	5.405G	65.13	74.00	-8.87	5.92	3	H	181	1.76	-
PK	5.543G	65.85	68.20	-2.35	6.19	3	H	181	1.76	-
PK	5.801G	115.53	Inf	-Inf	6.25	3	H	181	1.76	-
PK	5.933G	59.80	68.20	-8.40	6.18	3	H	181	1.76	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

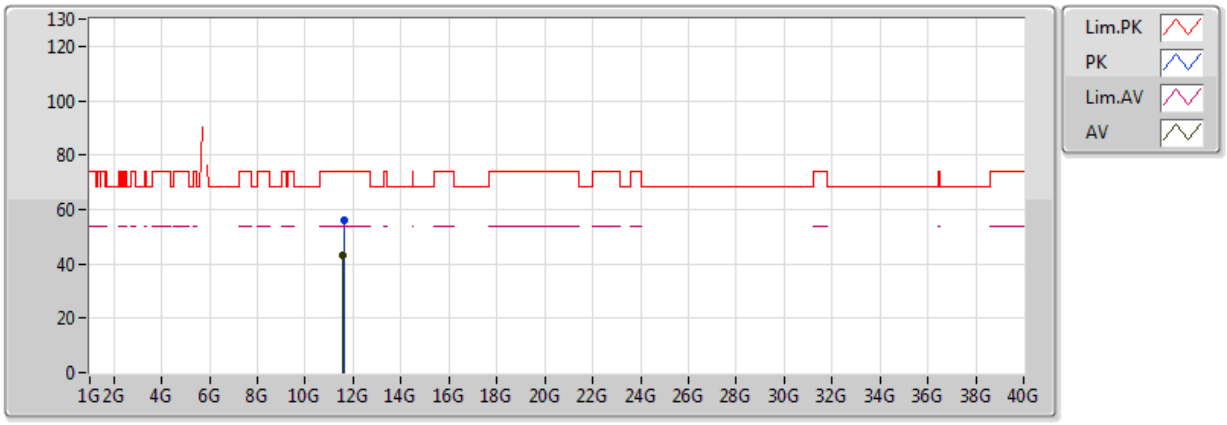


20170713
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5836G	44.19	54.00	-9.81	12.09	3	V	181	1.72	-
PK	11.5844G	56.79	74.00	-17.21	12.09	3	V	181	1.72	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

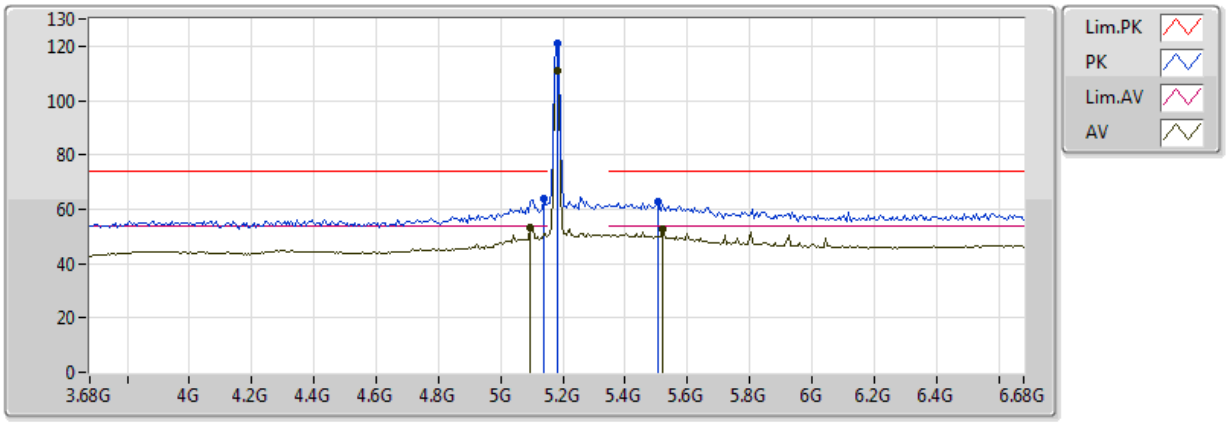


20170713
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5855G	43.00	54.00	-11.00	12.09	3	H	338	1.47	-
PK	11.5931G	56.11	74.00	-17.89	12.09	3	H	338	1.47	-

802.11a_(6Mbps)_2TX

5180MHz_TX

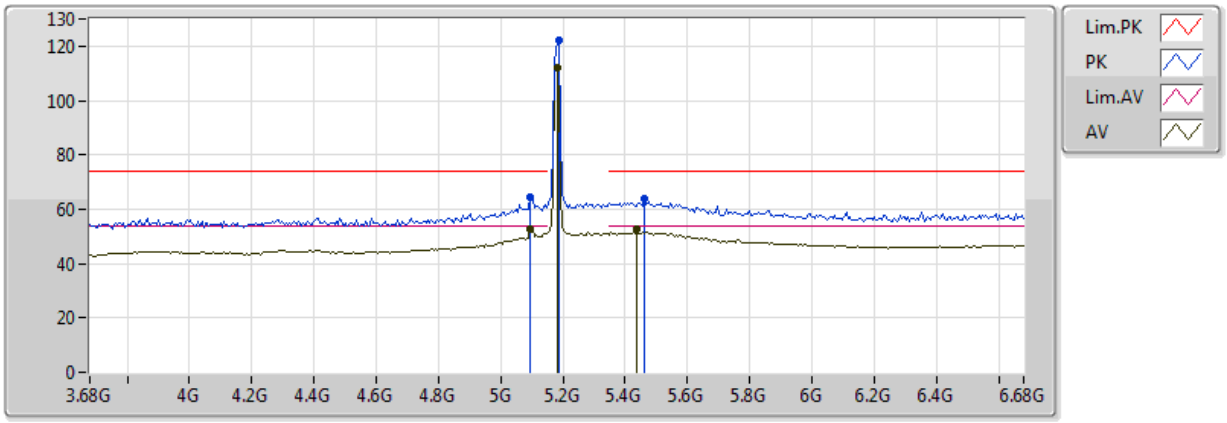


20170726
EUT Y_2TX
Setting 20
03-P-2-10
FSP(100142)

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	53.36	54.00	-0.64	5.33	3	V	180	1.90	-
AV	5.18G	111.18	Inf	-Inf	5.51	3	V	180	1.90	-
AV	5.522G	52.72	54.00	-1.28	6.18	3	V	180	1.90	-
PK	5.138G	64.08	74.00	-9.92	5.42	3	V	180	1.90	-
PK	5.18G	120.93	Inf	-Inf	5.51	3	V	180	1.90	-
PK	5.504G	62.82	74.00	-11.18	6.16	3	V	180	1.90	-

802.11a_(6Mbps)_2TX

5180MHz_TX

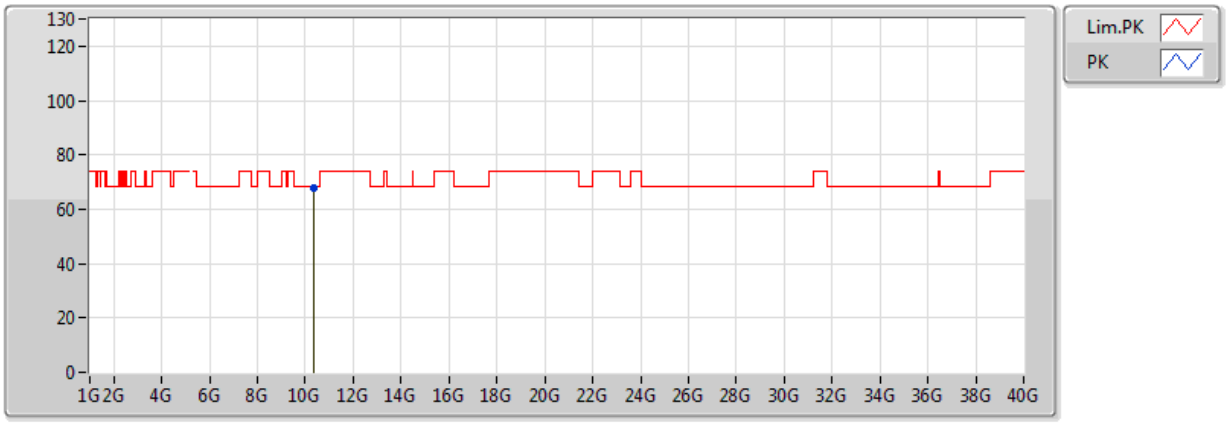


20170726
EUT Y_2TX
Setting 20
03-P-2-10
FSP(100142)

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	52.87	54.00	-1.13	5.33	3	H	178	1.75	-
AV	5.18G	111.83	Inf	-Inf	5.51	3	H	178	1.75	-
AV	5.438G	52.54	54.00	-1.46	6.01	3	H	178	1.75	-
PK	5.096G	64.48	74.00	-9.52	5.33	3	H	178	1.75	-
PK	5.186G	122.16	Inf	-Inf	5.52	3	H	178	1.75	-
PK	5.462G	63.89	74.00	-10.11	6.06	3	H	178	1.75	-

802.11a_(6Mbps)_2TX

5180MHz_TX

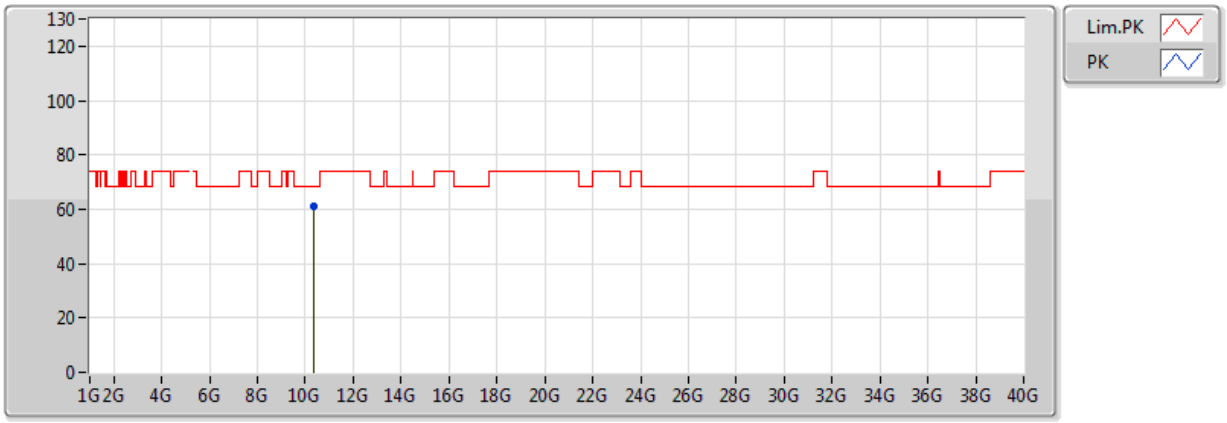


20170726
EUT Y_2TX
Setting 20
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.36258G	67.58	68.20	-0.62	12.32	3	V	178	1.78	-

802.11a_(6Mbps)_2TX

5180MHz_TX

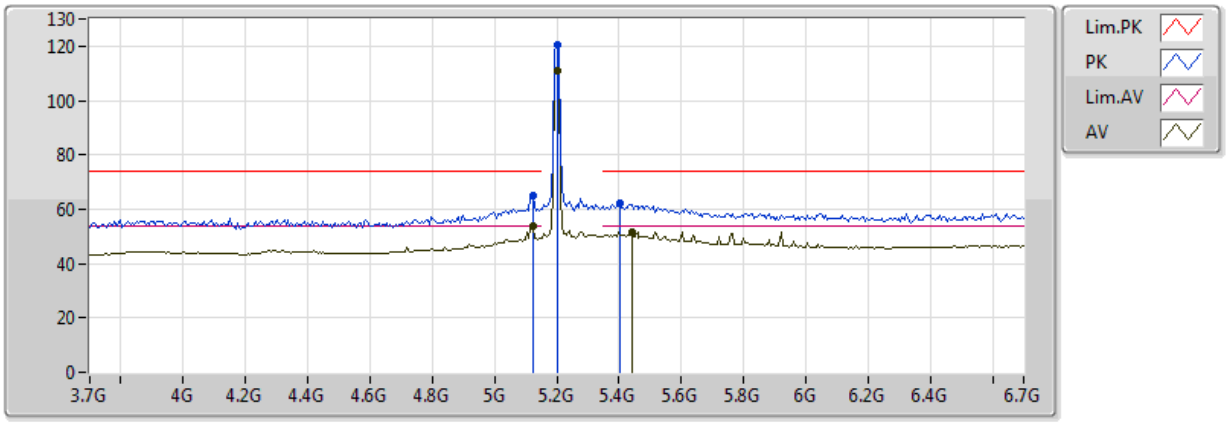


20170726
EUT Y_2TX
Setting 20
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.36024G	60.96	68.20	-7.24	12.32	3	H	180	1.85	-

802.11a_(6Mbps)_2TX

5200MHz_TX

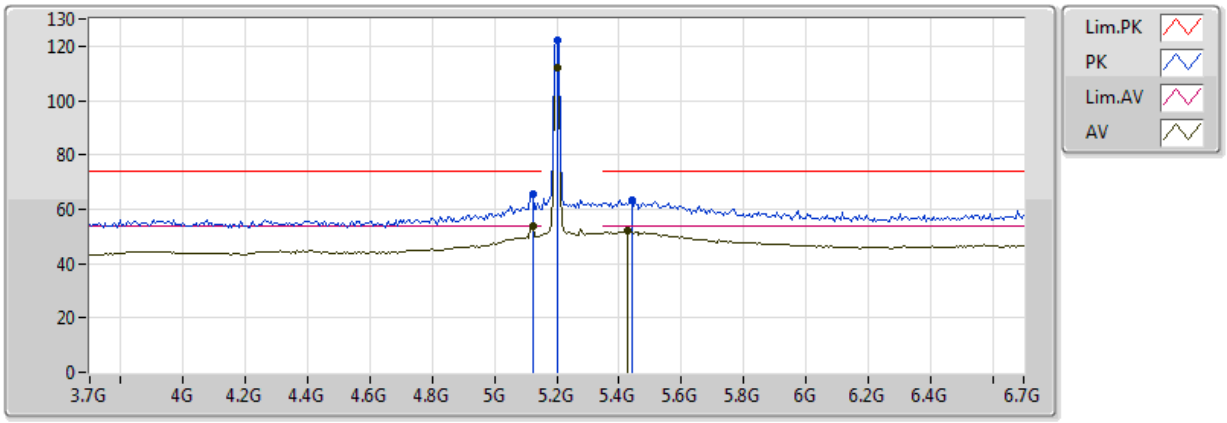


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	53.81	54.00	-0.19	5.39	3	V	178	2.03	-
AV	5.2G	111.00	Inf	-Inf	5.55	3	V	178	2.03	-
AV	5.44G	51.79	54.00	-2.21	6.01	3	V	178	2.03	-
PK	5.122G	64.73	74.00	-9.27	5.39	3	V	178	2.03	-
PK	5.2G	120.69	Inf	-Inf	5.55	3	V	178	2.03	-
PK	5.404G	61.98	74.00	-12.02	5.92	3	V	178	2.03	-

802.11a_(6Mbps)_2TX

5200MHz_TX

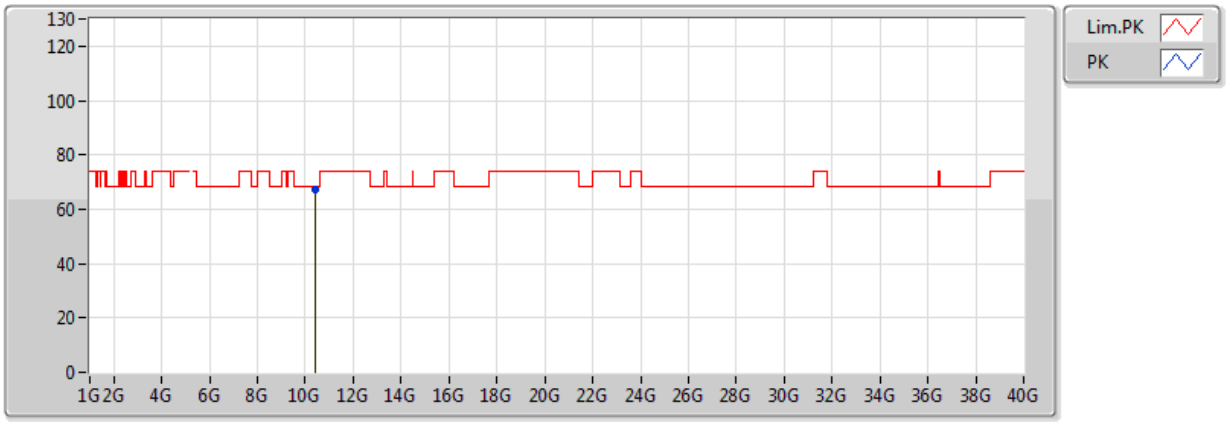


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	53.65	54.00	-0.35	5.39	3	H	177	1.84	-
AV	5.2G	111.94	Inf	-Inf	5.55	3	H	177	1.84	-
AV	5.428G	51.86	54.00	-2.14	5.98	3	H	177	1.84	-
PK	5.122G	65.62	74.00	-8.38	5.39	3	H	177	1.84	-
PK	5.2G	122.06	Inf	-Inf	5.55	3	H	177	1.84	-
PK	5.44G	63.46	74.00	-10.54	6.01	3	H	177	1.84	-

802.11a_(6Mbps)_2TX

5200MHz_TX

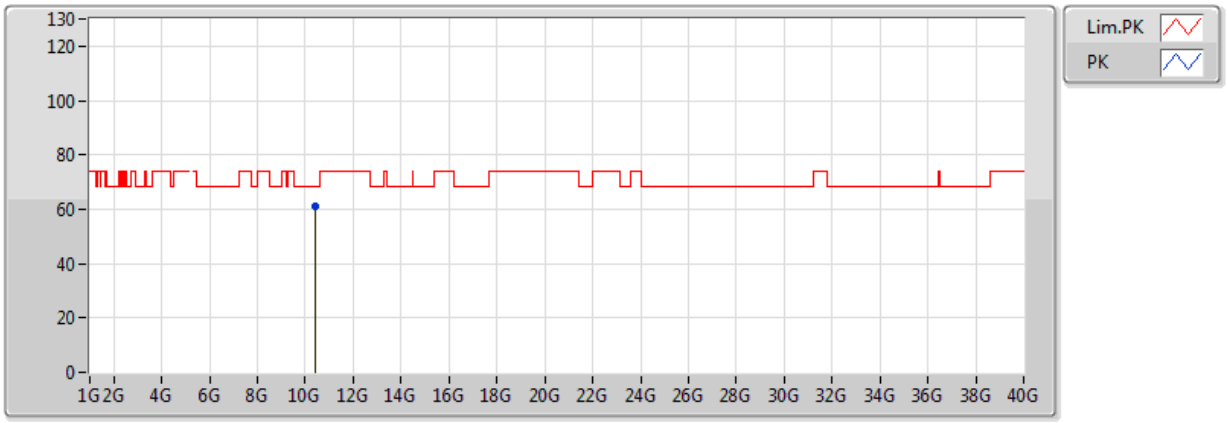


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.403G	67.17	68.20	-1.03	12.36	3	V	179	1.84	-

802.11a_(6Mbps)_2TX

5200MHz_TX

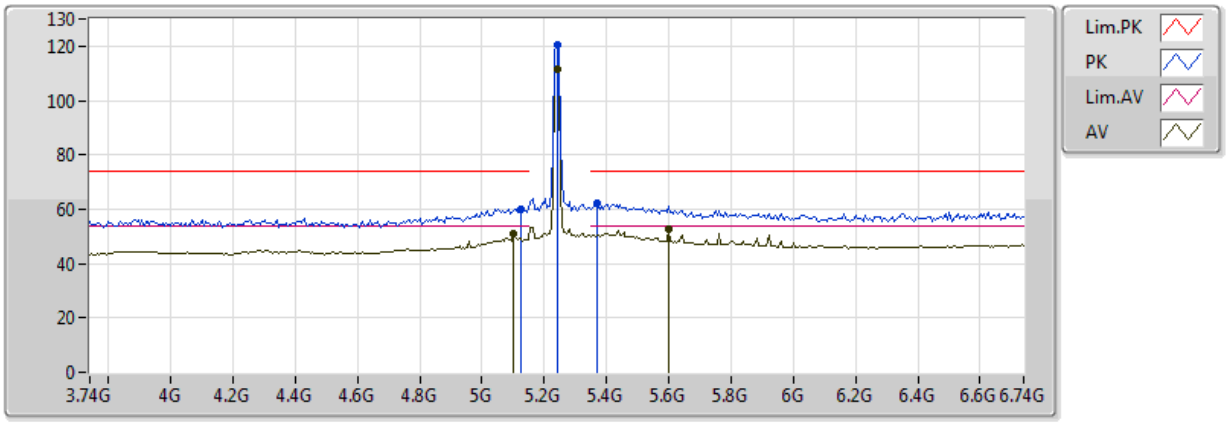


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.40312G	60.80	68.20	-7.40	12.36	3	H	175	1.54	-

802.11a_(6Mbps)_2TX

5240MHz_TX

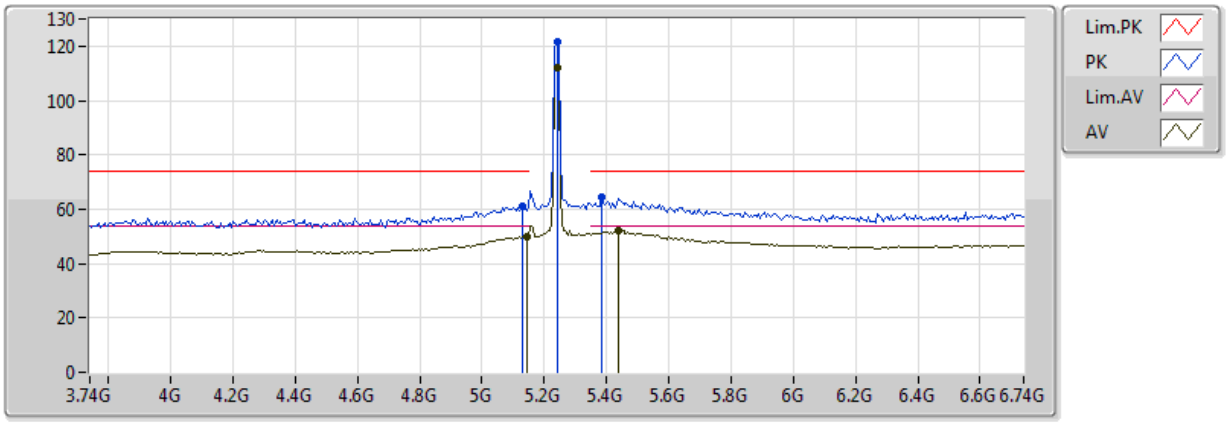


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.102G	51.02	54.00	-2.98	5.34	3	V	183	2.08	-
AV	5.24G	111.24	Inf	-Inf	5.63	3	V	183	2.08	-
AV	5.6G	52.48	54.00	-1.52	6.24	3	V	183	2.08	-
PK	5.126G	60.17	74.00	-13.83	5.39	3	V	183	2.08	-
PK	5.24G	120.54	Inf	-Inf	5.63	3	V	183	2.08	-
PK	5.372G	62.11	74.00	-11.89	5.86	3	V	183	2.08	-

802.11a_(6Mbps)_2TX

5240MHz_TX

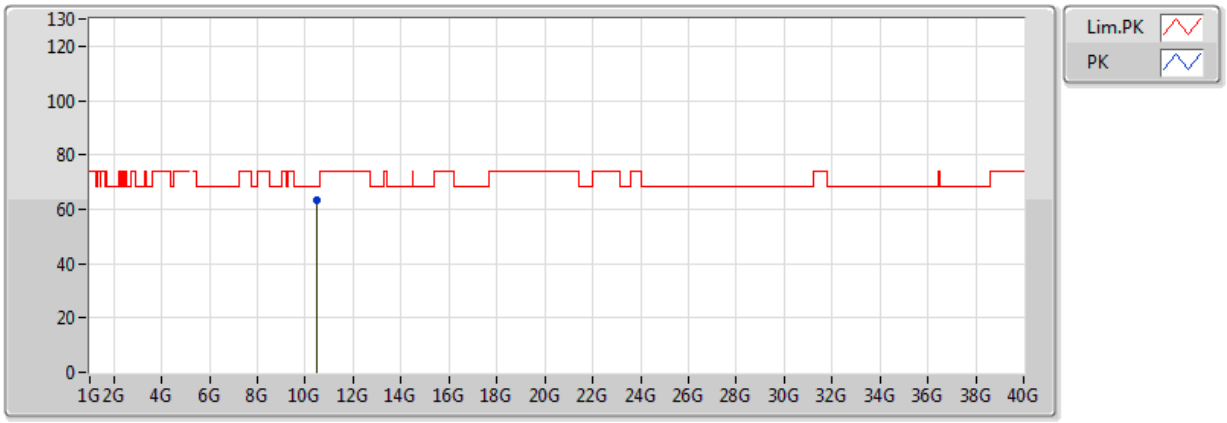


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.144G	49.91	54.00	-4.09	5.43	3	H	179	1.65	-
AV	5.24G	111.99	Inf	-Inf	5.63	3	H	179	1.65	-
AV	5.438G	52.31	54.00	-1.69	6.01	3	H	179	1.65	-
PK	5.132G	61.35	74.00	-12.65	5.41	3	H	179	1.65	-
PK	5.24G	121.73	Inf	-Inf	5.63	3	H	179	1.65	-
PK	5.384G	64.19	74.00	-9.81	5.88	3	H	179	1.65	-

802.11a_(6Mbps)_2TX

5240MHz_TX

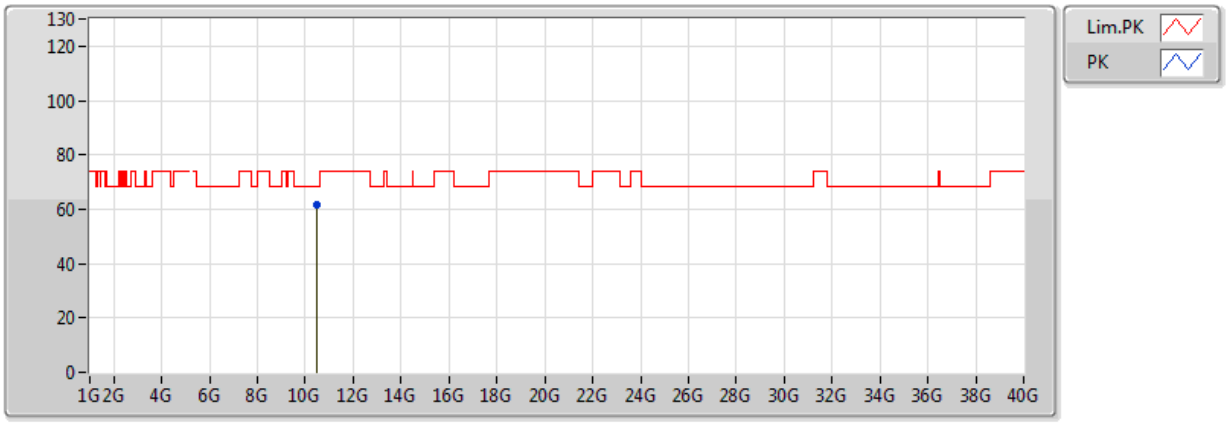


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.4802G	63.22	68.20	-4.98	12.43	3	V	177	1.82	-

802.11a_(6Mbps)_2TX

5240MHz_TX

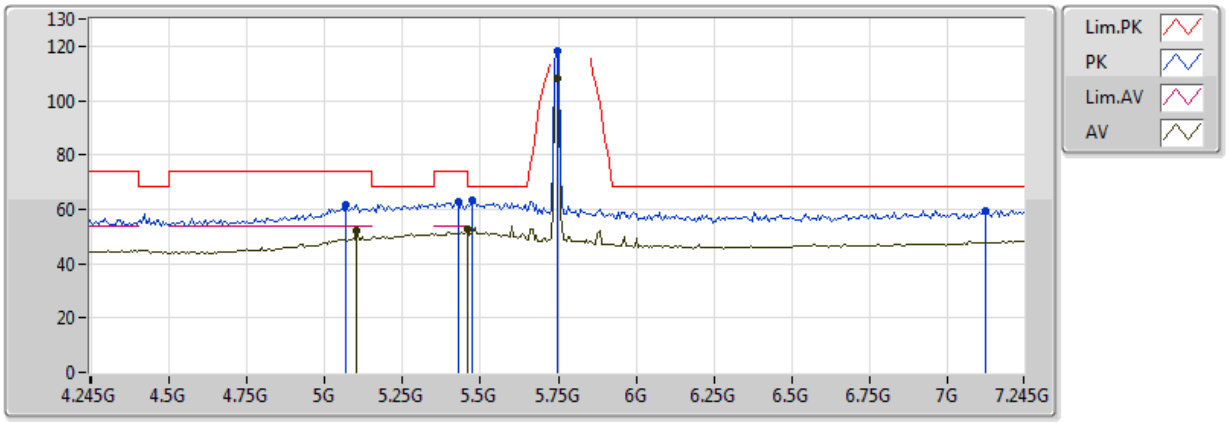


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.4796G	61.41	68.20	-6.79	12.43	3	H	181	2.01	-

802.11a_(6Mbps)_2TX

5745MHz_TX

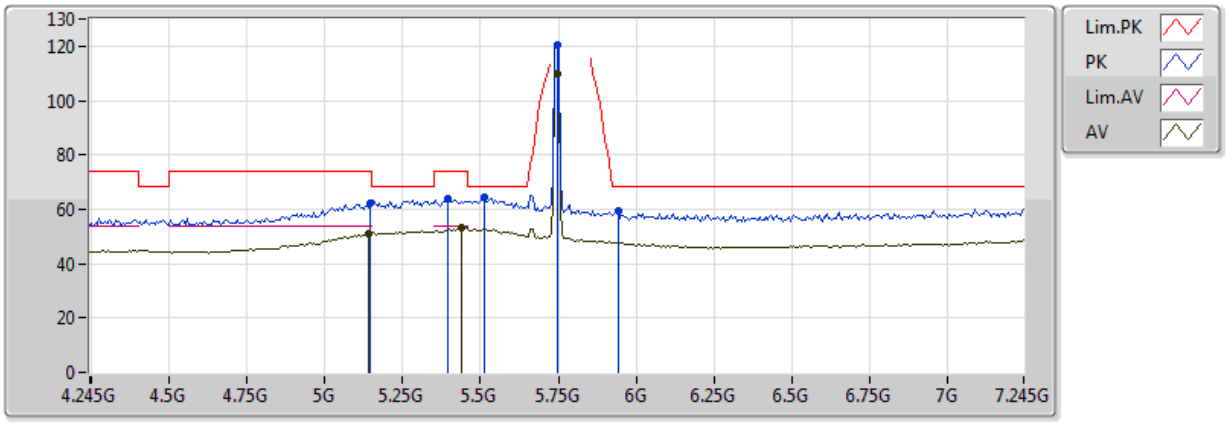


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.103G	52.00	54.00	-2.00	5.35	3	V	181	1.75	-
AV	5.457G	52.60	54.00	-1.40	6.05	3	V	181	1.75	-
AV	5.745G	108.32	Inf	-Inf	6.25	3	V	181	1.75	-
PK	5.067G	61.70	74.00	-12.30	5.26	3	V	181	1.75	-
PK	5.427G	62.79	74.00	-11.21	5.98	3	V	181	1.75	-
PK	5.475G	63.09	68.20	-5.11	6.10	3	V	181	1.75	-
PK	5.745G	118.48	Inf	-Inf	6.25	3	V	181	1.75	-
PK	7.125G	59.64	68.20	-8.56	8.20	3	V	181	1.75	-

802.11a_(6Mbps)_2TX

5745MHz_TX

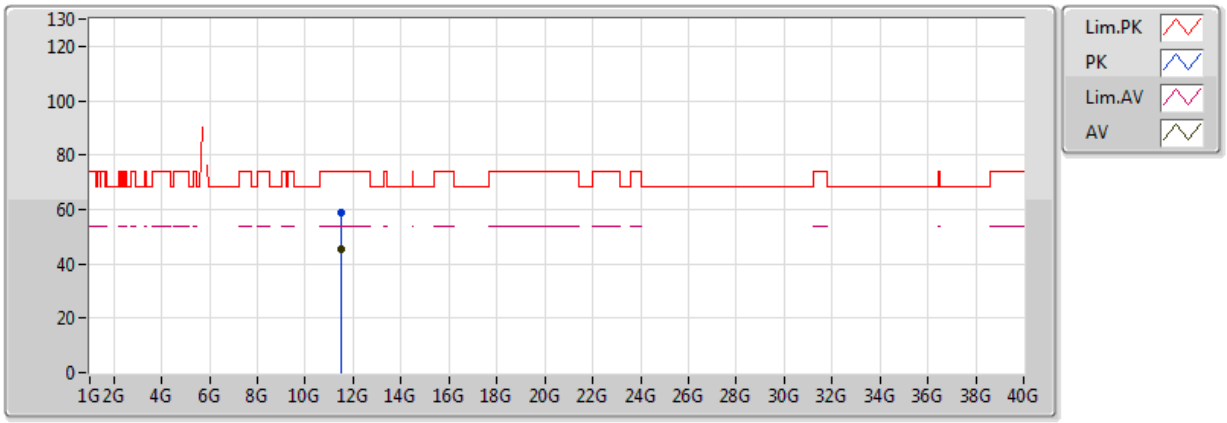


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.139G	50.75	54.00	-3.25	5.42	3	H	178	1.72	-
AV	5.439G	53.40	54.00	-0.60	6.01	3	H	178	1.72	-
AV	5.745G	109.73	Inf	-Inf	6.25	3	H	178	1.72	-
PK	5.145G	62.42	74.00	-11.58	5.43	3	H	178	1.72	-
PK	5.397G	64.11	74.00	-9.89	5.90	3	H	178	1.72	-
PK	5.511G	64.54	68.20	-3.66	6.17	3	H	178	1.72	-
PK	5.745G	120.67	Inf	-Inf	6.25	3	H	178	1.72	-
PK	5.943G	59.15	68.20	-9.05	6.18	3	H	178	1.72	-

802.11a_(6Mbps)_2TX

5745MHz_TX

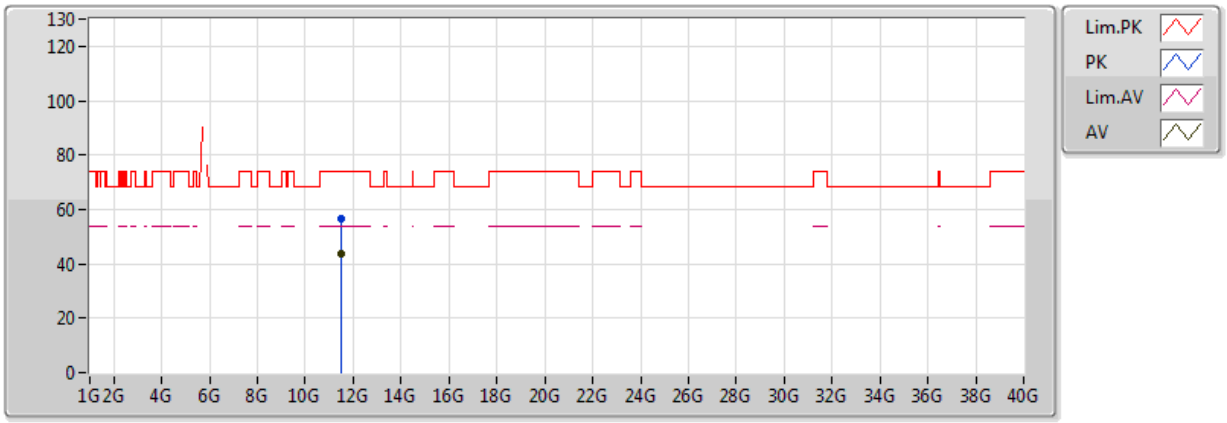


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4903G	45.65	54.00	-8.35	13.42	3	V	180	1.50	-
PK	11.48796G	58.99	74.00	-15.01	13.42	3	V	180	1.50	-

802.11a_(6Mbps)_2TX

5745MHz_TX

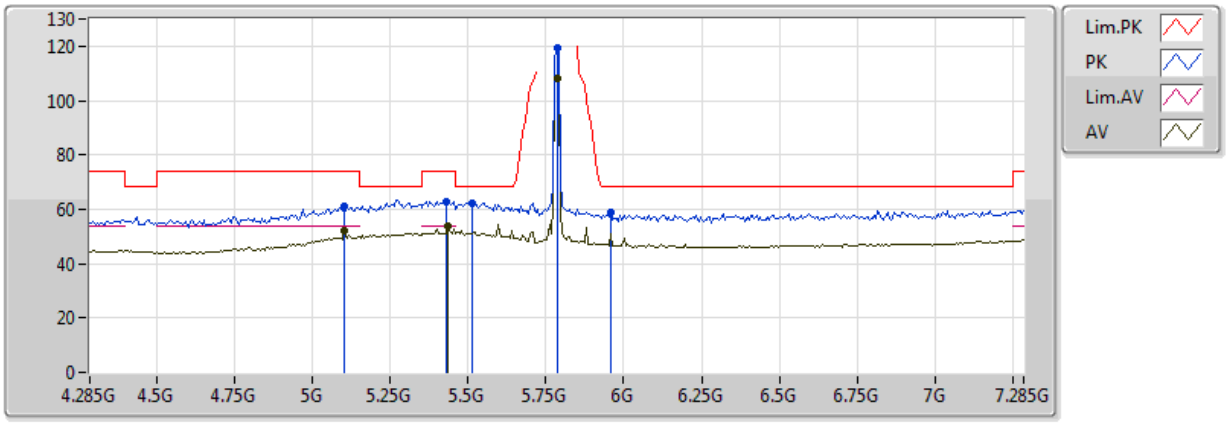


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48904G	43.45	54.00	-10.55	13.42	3	H	338	1.48	-
PK	11.49192G	56.33	74.00	-17.67	13.42	3	H	338	1.48	-

802.11a_(6Mbps)_2TX

5785MHz_TX

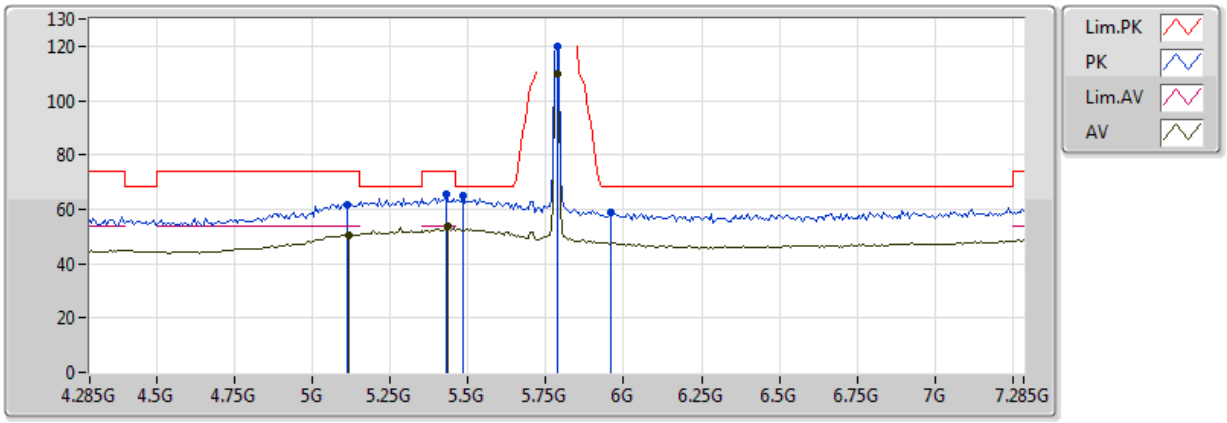


20170726
EUT Y_2TX
Setting 18
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.101G	51.86	54.00	-2.14	5.34	3	V	178	1.92	-
AV	5.437G	53.94	54.00	-0.06	6.00	3	V	178	1.92	-
AV	5.785G	108.40	Inf	-Inf	6.25	3	V	178	1.92	-
PK	5.101G	61.31	74.00	-12.69	5.34	3	V	178	1.92	-
PK	5.431G	63.01	74.00	-10.99	5.99	3	V	178	1.92	-
PK	5.515G	62.21	68.20	-5.99	6.17	3	V	178	1.92	-
PK	5.785G	119.20	Inf	-Inf	6.25	3	V	178	1.92	-
PK	5.959G	58.76	68.20	-9.44	6.17	3	V	178	1.92	-

802.11a_(6Mbps)_2TX

5785MHz_TX

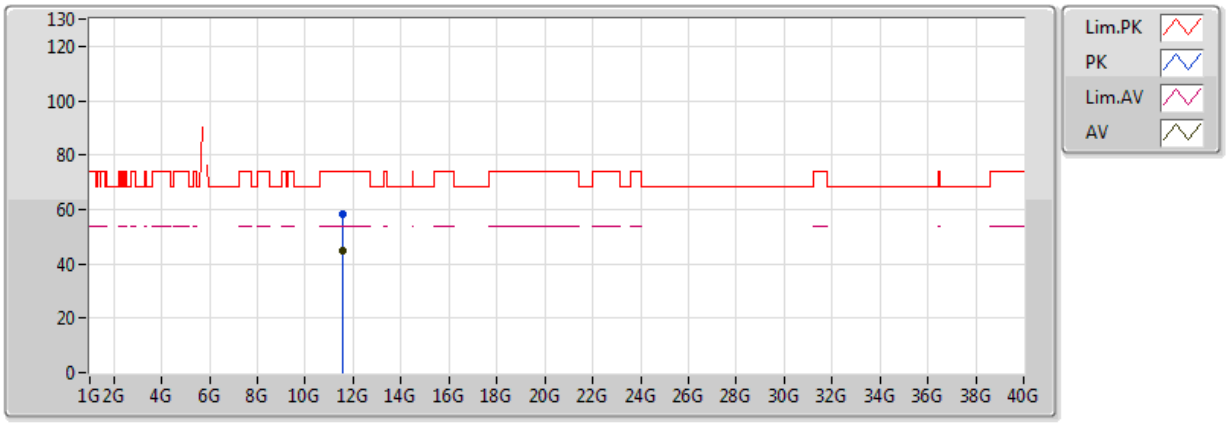


20170726
EUT Y_2TX
Setting 18
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.119G	50.66	54.00	-3.34	5.38	3	H	176	1.67	-
AV	5.437G	53.74	54.00	-0.26	6.00	3	H	176	1.67	-
AV	5.785G	109.70	Inf	-Inf	6.25	3	H	176	1.67	-
PK	5.113G	61.48	74.00	-12.52	5.37	3	H	176	1.67	-
PK	5.431G	65.59	74.00	-8.41	5.99	3	H	176	1.67	-
PK	5.485G	65.03	68.20	-3.17	6.12	3	H	176	1.67	-
PK	5.785G	120.13	Inf	-Inf	6.25	3	H	176	1.67	-
PK	5.959G	59.08	68.20	-9.12	6.17	3	H	176	1.67	-

802.11a_(6Mbps)_2TX

5785MHz_TX

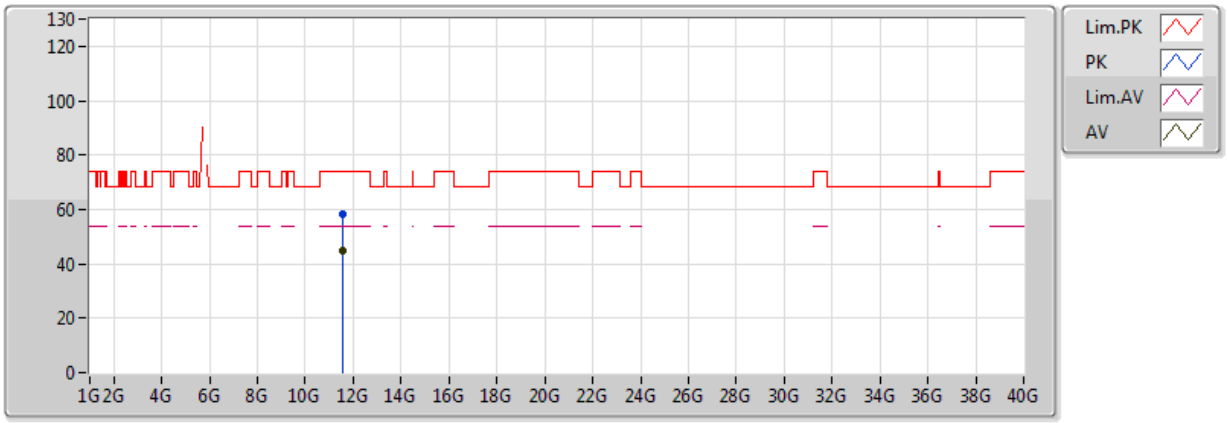


20170726
EUT Y_2TX
Setting 18
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56874G	44.92	54.00	-9.08	13.50	3	V	183	1.82	-
PK	11.5706G	58.45	74.00	-15.55	13.50	3	V	183	1.82	-

802.11a_(6Mbps)_2TX

5785MHz_TX

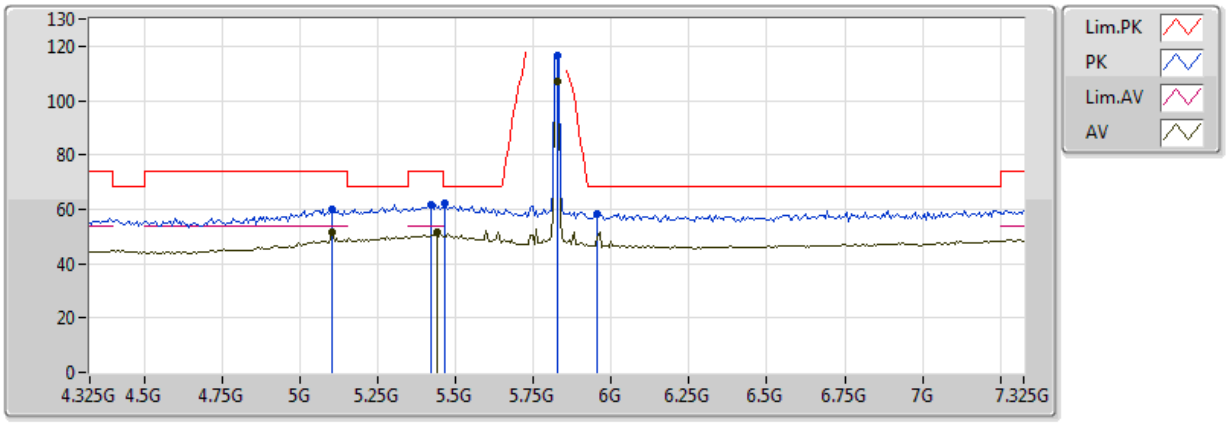


20170726
EUT Y_2TX
Setting 18
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56916G	45.04	54.00	-8.96	13.50	3	H	340	1.33	-
PK	11.56856G	58.53	74.00	-15.47	13.50	3	H	340	1.33	-

802.11a_(6Mbps)_2TX

5825MHz_TX

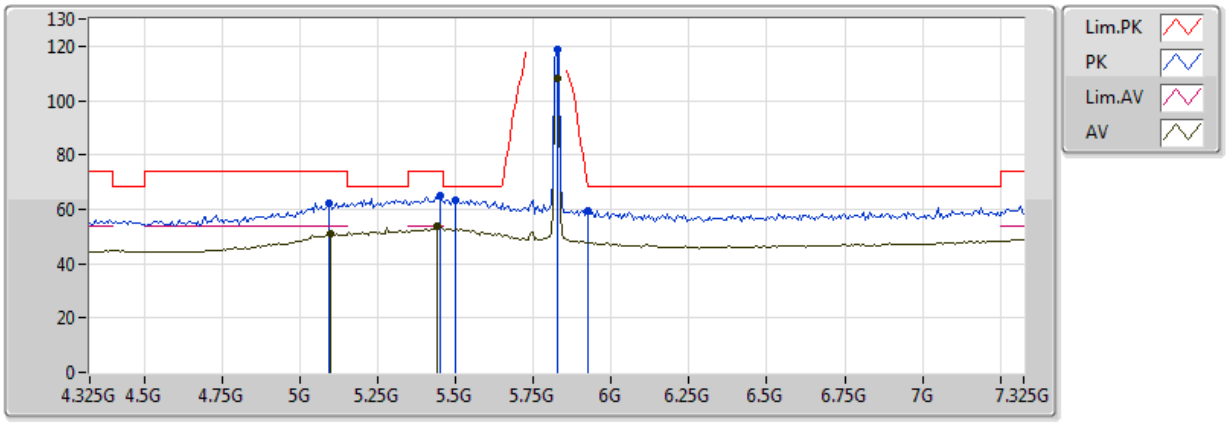


20170726
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.105G	51.31	54.00	-2.69	5.35	3	V	177	1.92	-
AV	5.441G	51.51	54.00	-2.49	6.01	3	V	177	1.92	-
AV	5.825G	107.04	Inf	-Inf	6.24	3	V	177	1.92	-
PK	5.105G	60.16	74.00	-13.84	5.35	3	V	177	1.92	-
PK	5.423G	61.59	74.00	-12.41	5.97	3	V	177	1.92	-
PK	5.465G	61.98	68.20	-6.22	6.07	3	V	177	1.92	-
PK	5.825G	116.60	Inf	-Inf	6.24	3	V	177	1.92	-
PK	5.957G	58.35	68.20	-9.85	6.17	3	V	177	1.92	-

802.11a_(6Mbps)_2TX

5825MHz_TX

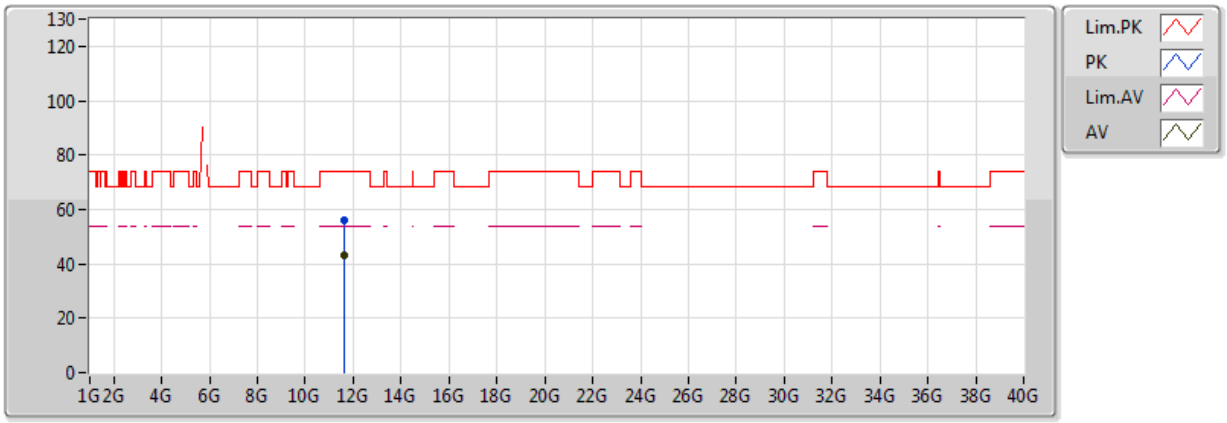


20170726
EUT Y_2TX
Setting 16
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.099G	50.96	54.00	-3.04	5.34	3	H	179	1.65	-
AV	5.441G	53.92	54.00	-0.08	6.01	3	H	179	1.65	-
AV	5.825G	108.36	Inf	-Inf	6.24	3	H	179	1.65	-
PK	5.093G	62.35	74.00	-11.65	5.32	3	H	179	1.65	-
PK	5.453G	65.25	74.00	-8.75	6.04	3	H	179	1.65	-
PK	5.501G	63.39	68.20	-4.81	6.16	3	H	179	1.65	-
PK	5.825G	118.73	Inf	-Inf	6.24	3	H	179	1.65	-
PK	5.927G	59.67	68.20	-8.53	6.19	3	H	179	1.65	-

802.11a_(6Mbps)_2TX

5825MHz_TX

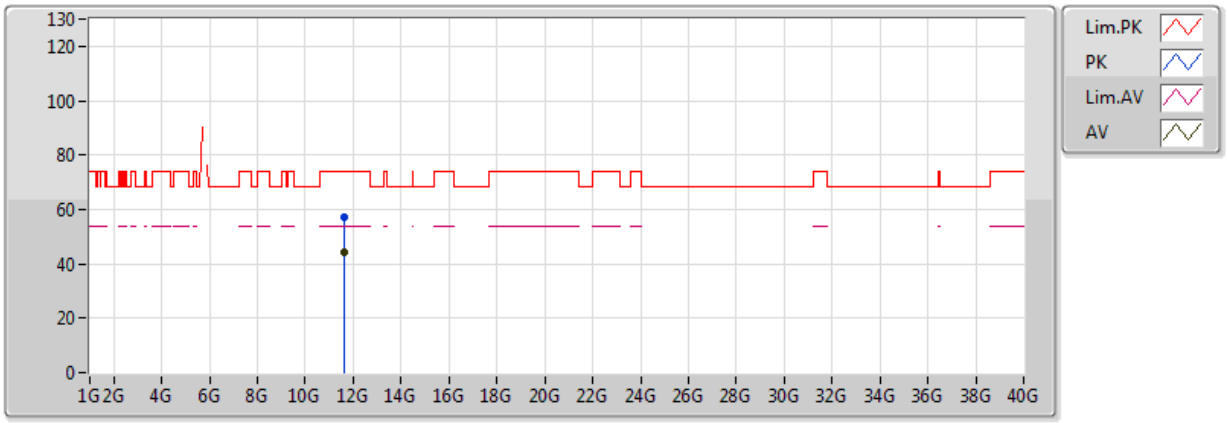


20170726
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64976G	43.15	54.00	-10.85	13.58	3	V	7	1.84	-
PK	11.64754G	55.86	74.00	-18.14	13.58	3	V	7	1.84	-

802.11a_(6Mbps)_2TX

5825MHz_TX

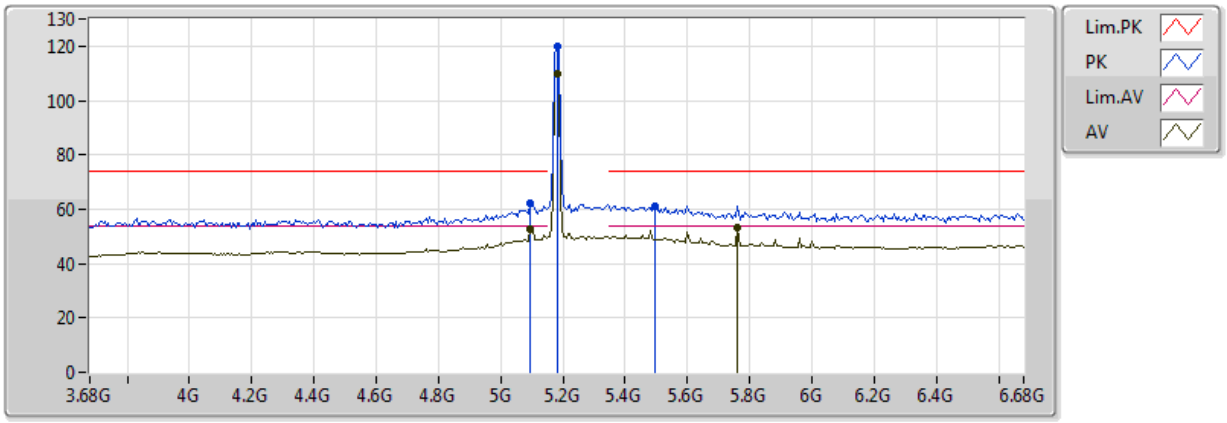


20170726
EUT Y_2TX
Setting 16
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64898G	44.39	54.00	-9.61	13.58	3	H	342	1.21	-
PK	11.64898G	57.19	74.00	-16.81	13.58	3	H	342	1.21	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

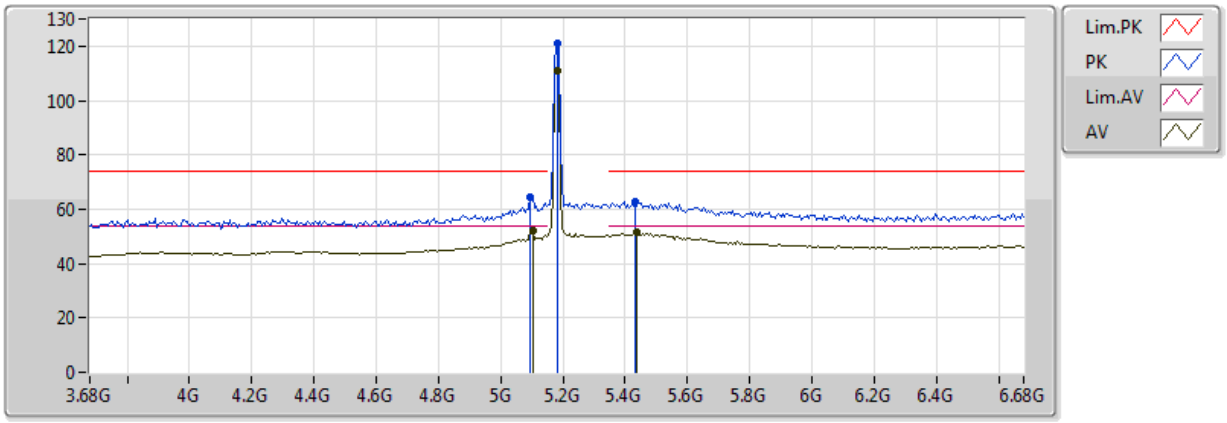


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	52.58	54.00	-1.42	5.33	3	V	188	2.14	-
AV	5.18G	109.63	Inf	-Inf	5.51	3	V	188	2.14	-
AV	5.762G	52.99	54.00	-1.01	6.25	3	V	188	2.14	-
PK	5.096G	62.02	74.00	-11.98	5.33	3	V	188	2.14	-
PK	5.18G	120.16	Inf	-Inf	5.51	3	V	188	2.14	-
PK	5.498G	61.32	74.00	-12.68	6.16	3	V	188	2.14	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

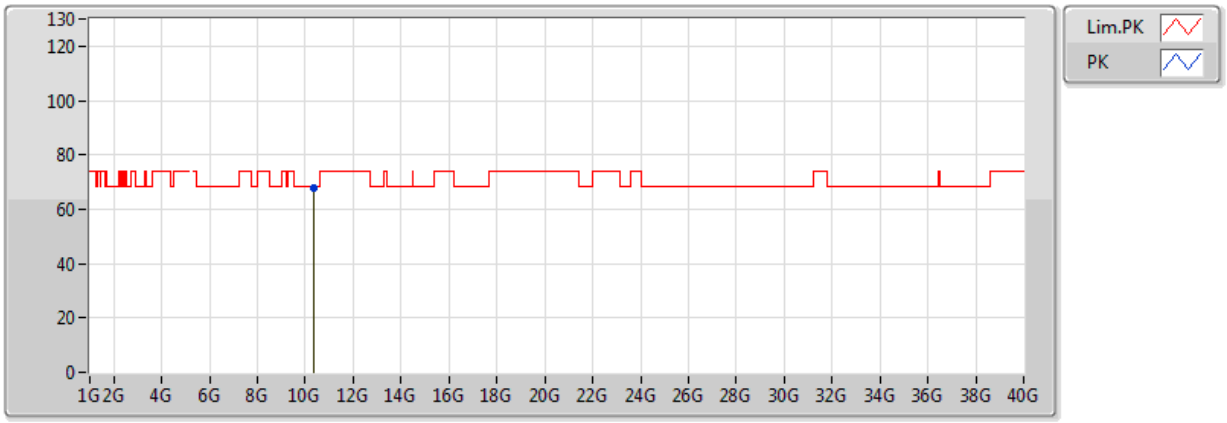


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.102G	51.88	54.00	-2.12	5.34	3	H	176	1.95	-
AV	5.18G	111.09	Inf	-Inf	5.51	3	H	176	1.95	-
AV	5.438G	51.52	54.00	-2.48	6.01	3	H	176	1.95	-
PK	5.096G	64.43	74.00	-9.57	5.33	3	H	176	1.95	-
PK	5.18G	121.31	Inf	-Inf	5.51	3	H	176	1.95	-
PK	5.432G	63.00	74.00	-11.00	5.99	3	H	176	1.95	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

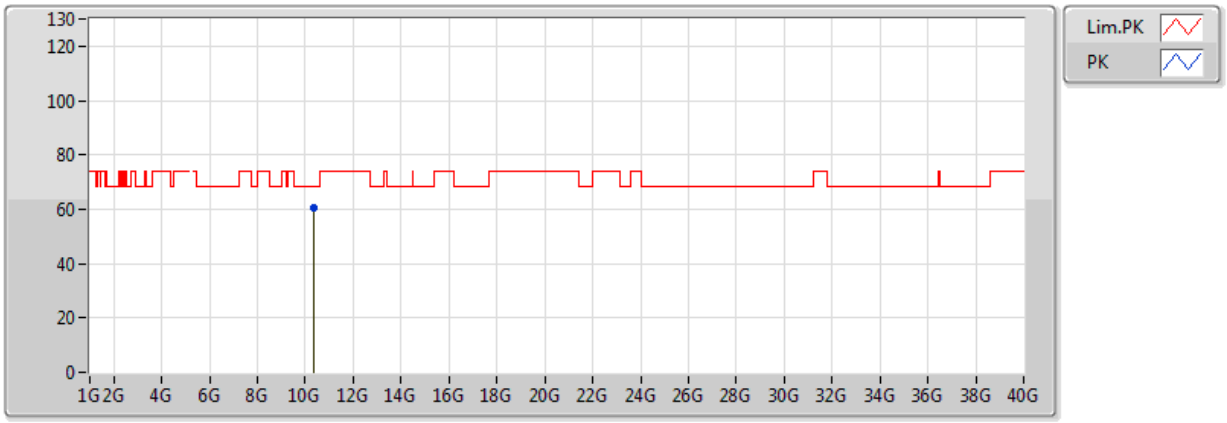


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.35898G	67.54	68.20	-0.66	12.32	3	V	180	1.83	-

HT10_Nss1,(MCS0)_2TX

5180MHz_TX

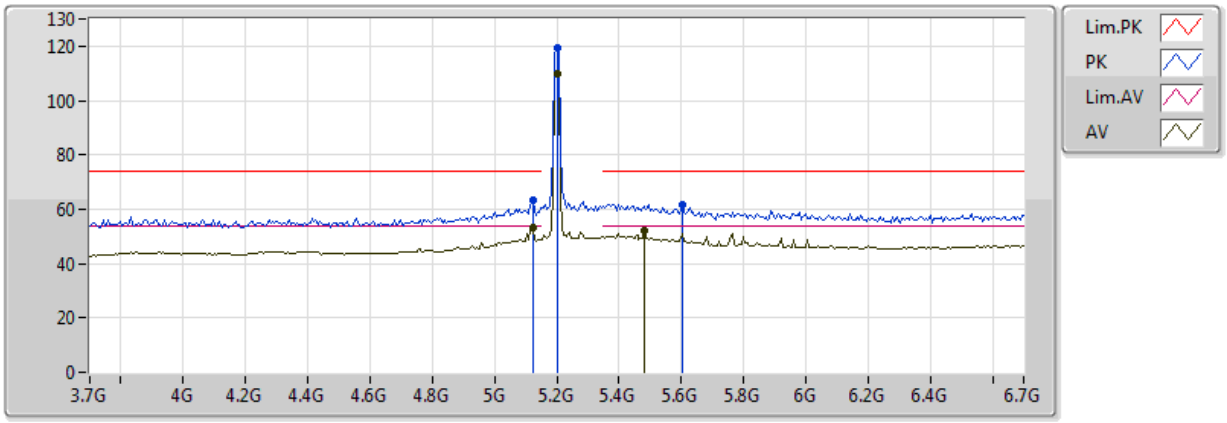


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.3645G	60.29	68.20	-7.91	12.32	3	H	176	1.56	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

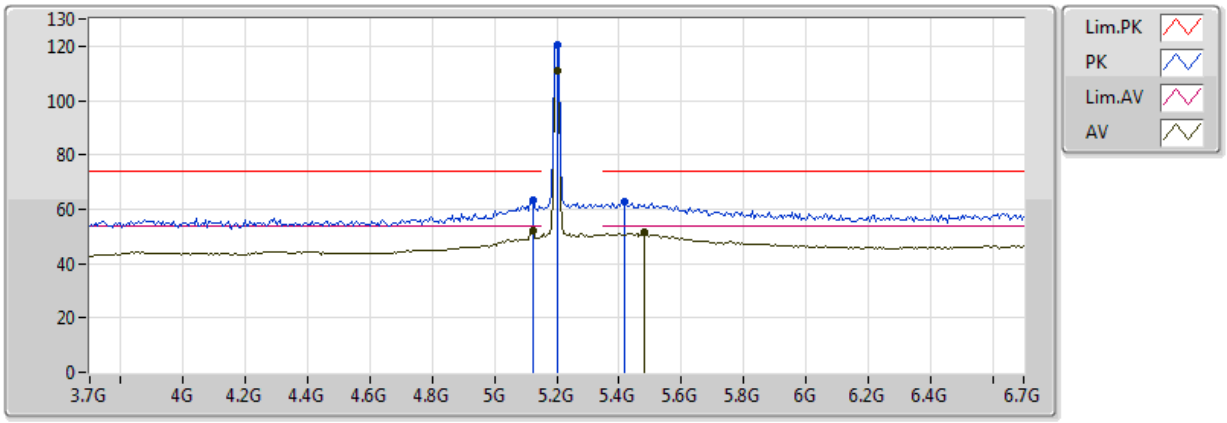


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	52.99	54.00	-1.01	5.39	3	V	183	2.11	-
AV	5.2G	110.04	Inf	-Inf	5.55	3	V	183	2.11	-
AV	5.482G	52.36	54.00	-1.64	6.12	3	V	183	2.11	-
PK	5.122G	63.36	74.00	-10.64	5.39	3	V	183	2.11	-
PK	5.2G	119.11	Inf	-Inf	5.55	3	V	183	2.11	-
PK	5.602G	61.91	74.00	-12.09	6.24	3	V	183	2.11	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

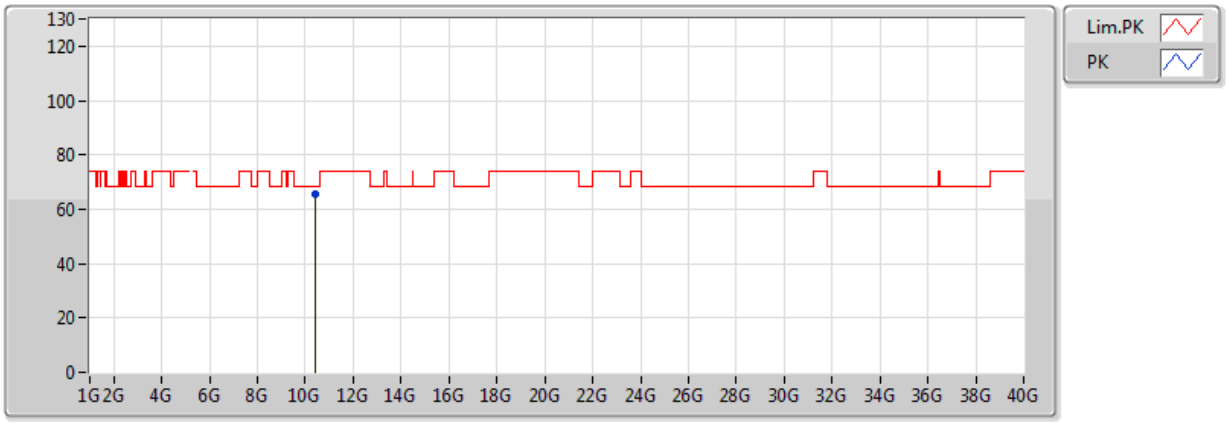


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	52.32	54.00	-1.68	5.39	3	H	183	1.63	-
AV	5.2G	111.00	Inf	-Inf	5.55	3	H	183	1.63	-
AV	5.482G	51.58	54.00	-2.42	6.12	3	H	183	1.63	-
PK	5.122G	63.28	74.00	-10.72	5.39	3	H	183	1.63	-
PK	5.2G	120.29	Inf	-Inf	5.55	3	H	183	1.63	-
PK	5.416G	62.89	74.00	-11.11	5.95	3	H	183	1.63	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

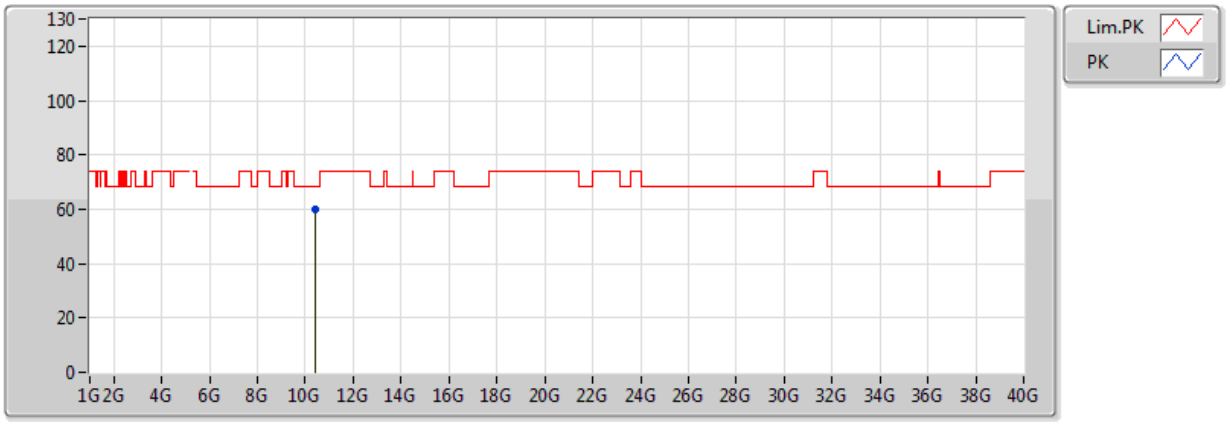


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.40108G	65.44	68.20	-2.76	12.36	3	V	179	1.76	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

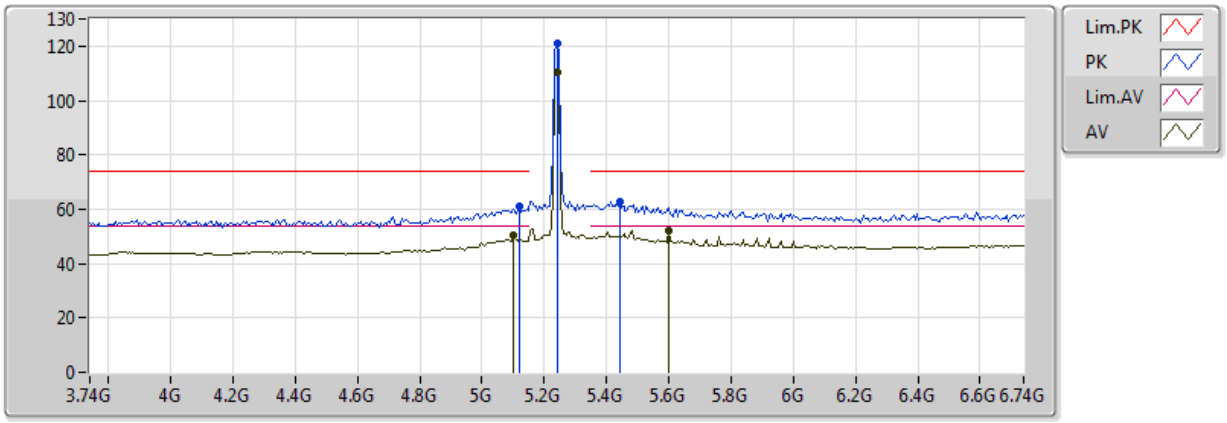


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.40258G	60.02	68.20	-8.18	12.36	3	H	179	1.52	-

HT10_Nss1,(MCS0)_2TX

5240MHz_TX

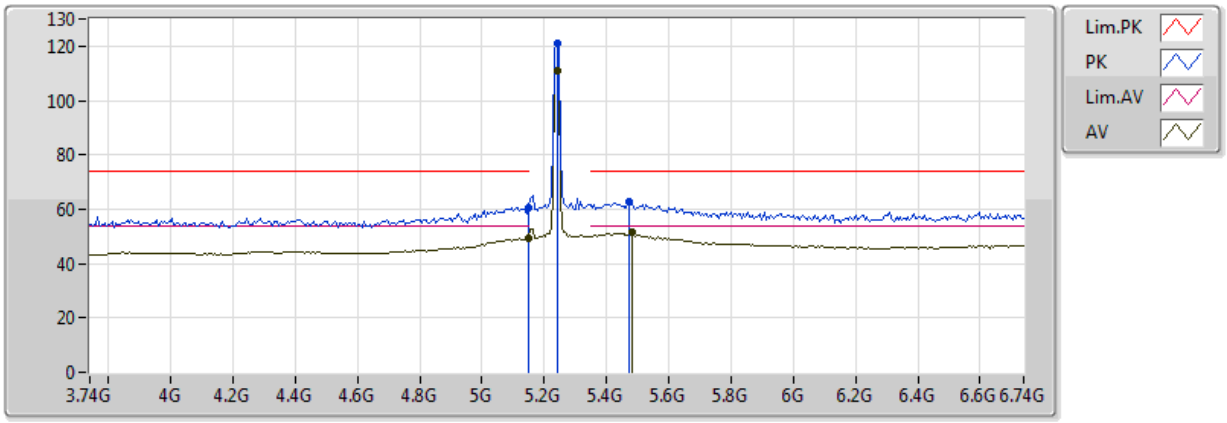


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.102G	50.26	54.00	-3.74	5.34	3	V	179	2.07	-
AV	5.24G	110.55	Inf	-Inf	5.63	3	V	179	2.07	-
AV	5.6G	52.33	54.00	-1.67	6.24	3	V	179	2.07	-
PK	5.12G	60.83	74.00	-13.17	5.38	3	V	179	2.07	-
PK	5.24G	121.20	Inf	-Inf	5.63	3	V	179	2.07	-
PK	5.444G	62.59	74.00	-11.41	6.02	3	V	179	2.07	-

HT10_Nss1,(MCS0)_2TX

5240MHz_TX

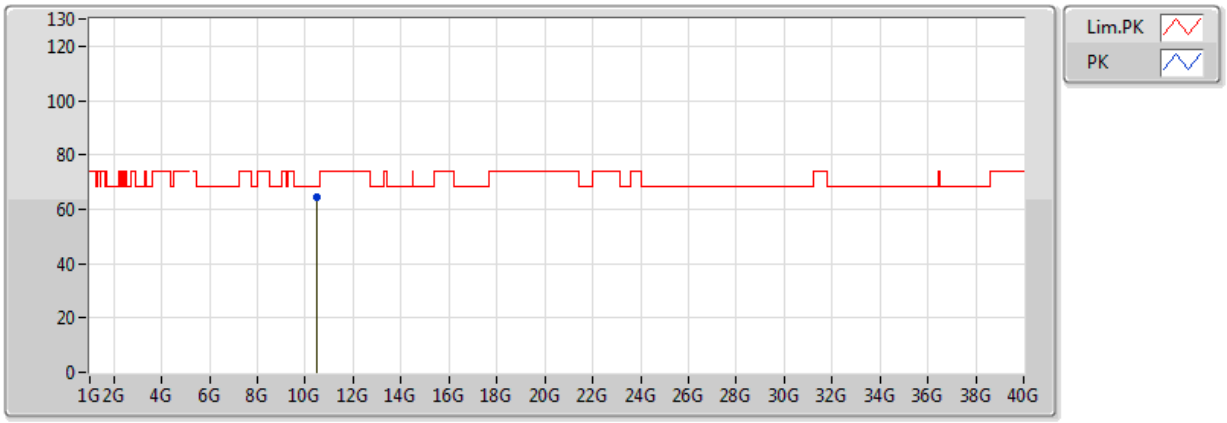


20170726
EUT Y_2TX
Setting 21
03-P-2-10
FSP(100142)

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	49.26	54.00	-4.74	5.44	3	H	175	1.98	-
AV	5.24G	111.07	Inf	-Inf	5.63	3	H	175	1.98	-
AV	5.48G	51.38	54.00	-2.62	6.11	3	H	175	1.98	-
PK	5.149995G	60.73	74.00	-13.27	5.44	3	H	175	1.98	-
PK	5.24G	121.11	Inf	-Inf	5.63	3	H	175	1.98	-
PK	5.474G	62.98	74.00	-11.02	6.09	3	H	175	1.98	-

HT10_Nss1,(MCS0)_2TX

5240MHz_TX

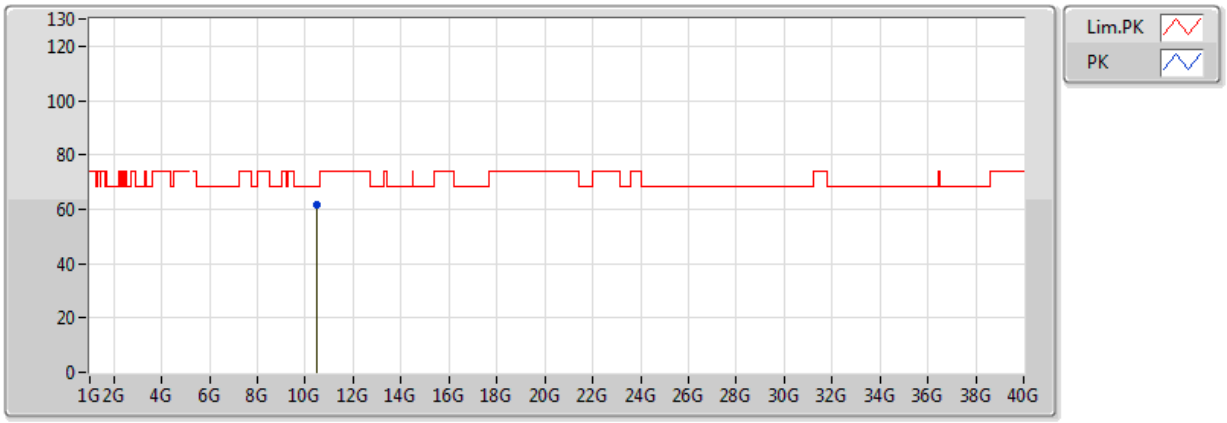


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.47952G	64.30	68.20	-3.90	12.43	3	V	175	1.70	-

HT10_Nss1,(MCS0)_2TX

5240MHz_TX

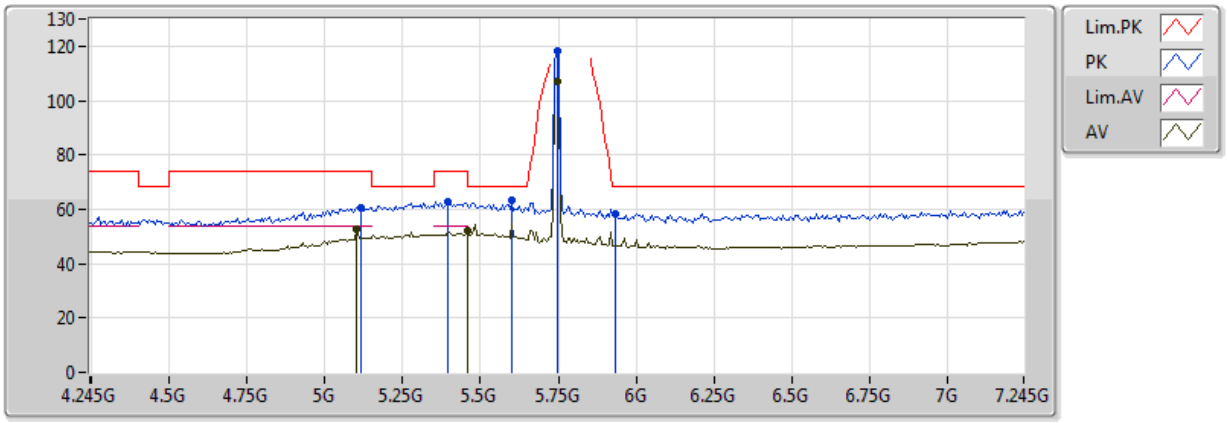


20170726
EUT Y_2TX
Setting 21
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	10.47844G	61.71	68.20	-6.49	12.43	3	H	176	1.93	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

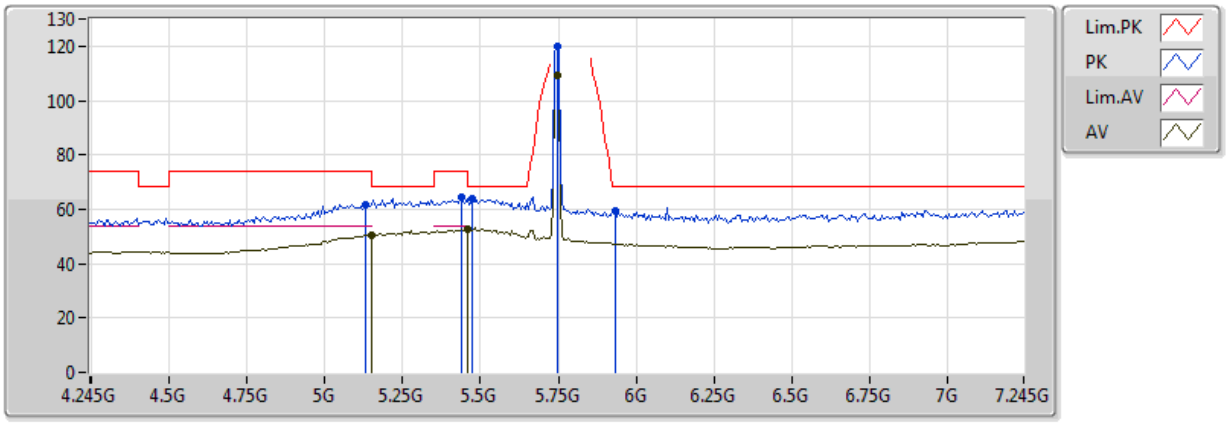


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.103G	52.51	54.00	-1.49	5.35	3	V	182	2.02	-
AV	5.457G	52.08	54.00	-1.92	6.05	3	V	182	2.02	-
AV	5.745G	107.10	Inf	-Inf	6.25	3	V	182	2.02	-
PK	5.115G	60.64	74.00	-13.36	5.37	3	V	182	2.02	-
PK	5.397G	62.55	74.00	-11.45	5.90	3	V	182	2.02	-
PK	5.601G	63.04	68.20	-5.16	6.24	3	V	182	2.02	-
PK	5.745G	118.03	Inf	-Inf	6.25	3	V	182	2.02	-
PK	5.931G	58.46	68.20	-9.74	6.18	3	V	182	2.02	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

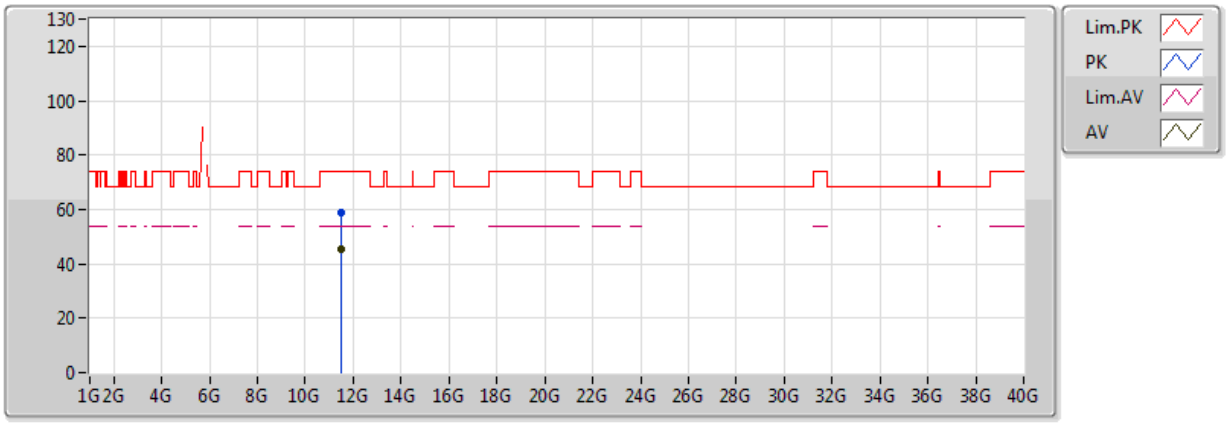


20170726
EUT Y_2TX
Setting 19
03-P-2-10
FSP(100142)

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	50.61	54.00	-3.39	5.44	3	H	179	1.78	-
AV	5.459995G	52.92	54.00	-1.08	6.06	3	H	179	1.78	-
AV	5.745G	109.10	Inf	-Inf	6.25	3	H	179	1.78	-
PK	5.133G	61.69	74.00	-12.31	5.41	3	H	179	1.78	-
PK	5.439G	64.27	74.00	-9.73	6.01	3	H	179	1.78	-
PK	5.475G	63.80	68.20	-4.40	6.10	3	H	179	1.78	-
PK	5.745G	119.76	Inf	-Inf	6.25	3	H	179	1.78	-
PK	5.931G	59.18	68.20	-9.02	6.18	3	H	179	1.78	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

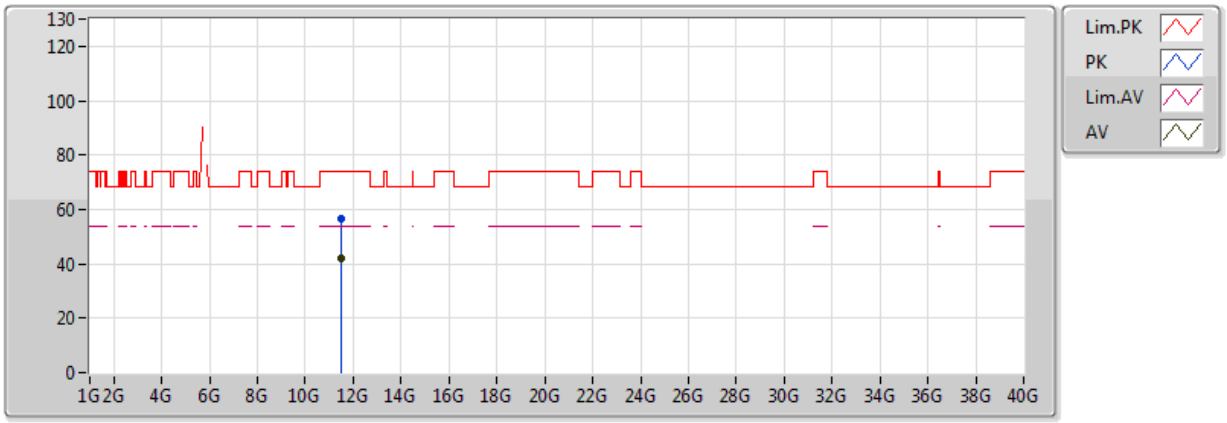


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49024G	45.20	54.00	-8.80	13.42	3	V	180	1.50	-
PK	11.49036G	58.73	74.00	-15.27	13.42	3	V	180	1.50	-

HT10_Nss1,(MCS0)_2TX

5745MHz_TX

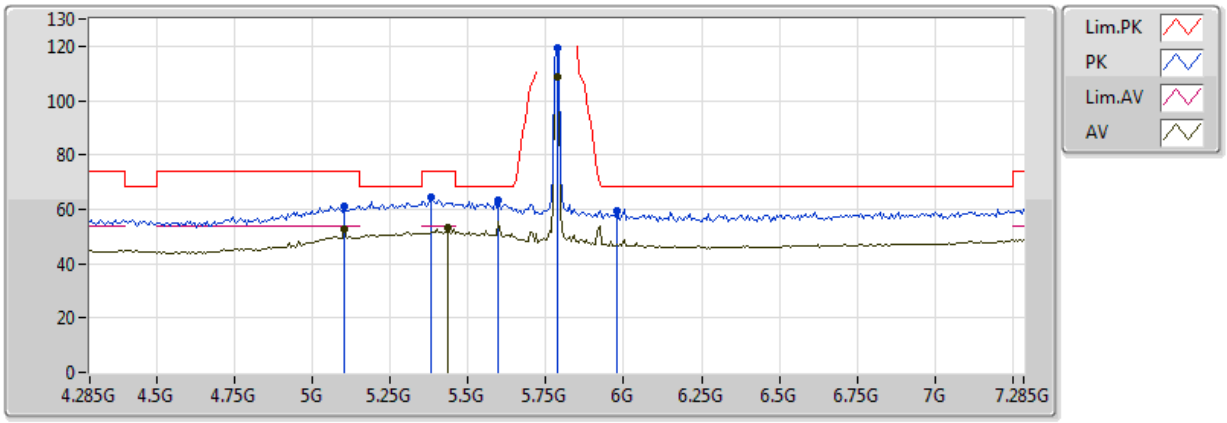


20170726
EUT Y_2TX
Setting 19
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48748G	41.86	54.00	-12.14	13.42	3	H	341	1.48	-
PK	11.4867G	56.87	74.00	-17.13	13.42	3	H	341	1.48	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

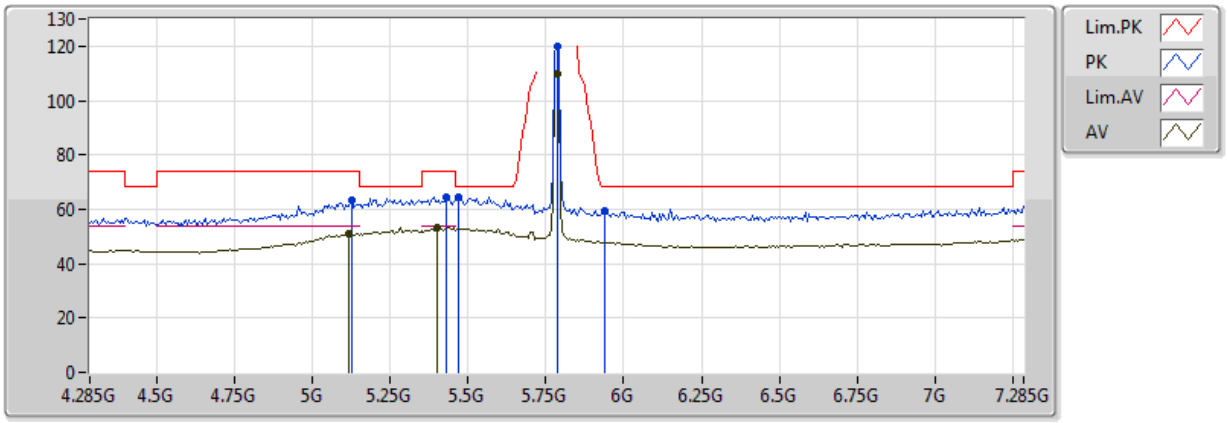


20170726
EUT Y_2TX
Setting 18
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.101G	52.85	54.00	-1.15	5.34	3	V	178	1.97	-
AV	5.437G	53.02	54.00	-0.98	6.00	3	V	178	1.97	-
AV	5.785G	108.63	Inf	-Inf	6.25	3	V	178	1.97	-
PK	5.101G	61.23	74.00	-12.77	5.34	3	V	178	1.97	-
PK	5.383G	64.53	74.00	-9.47	5.88	3	V	178	1.97	-
PK	5.599G	63.41	68.20	-4.79	6.24	3	V	178	1.97	-
PK	5.785G	119.29	Inf	-Inf	6.25	3	V	178	1.97	-
PK	5.977G	59.15	68.20	-9.05	6.16	3	V	178	1.97	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

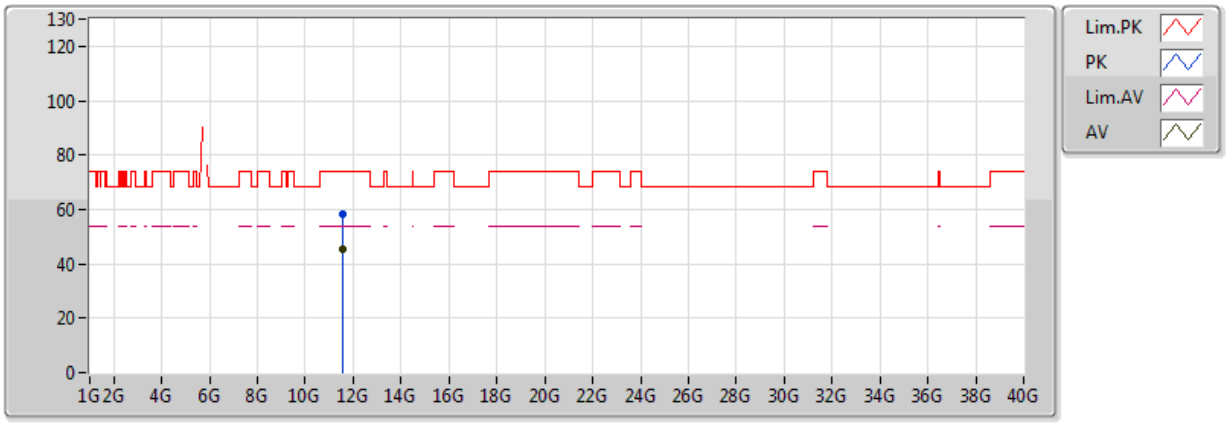


20170726
EUT Y_2TX
Setting 18
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.119G	50.81	54.00	-3.19	5.38	3	H	178	1.65	-
AV	5.401G	53.16	54.00	-0.84	5.91	3	H	178	1.65	-
AV	5.785G	109.64	Inf	-Inf	6.25	3	H	178	1.65	-
PK	5.125G	63.08	74.00	-10.92	5.39	3	H	178	1.65	-
PK	5.431G	64.45	74.00	-9.55	5.99	3	H	178	1.65	-
PK	5.467G	64.58	68.20	-3.62	6.08	3	H	178	1.65	-
PK	5.785G	119.70	Inf	-Inf	6.25	3	H	178	1.65	-
PK	5.941G	59.58	68.20	-8.62	6.18	3	H	178	1.65	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

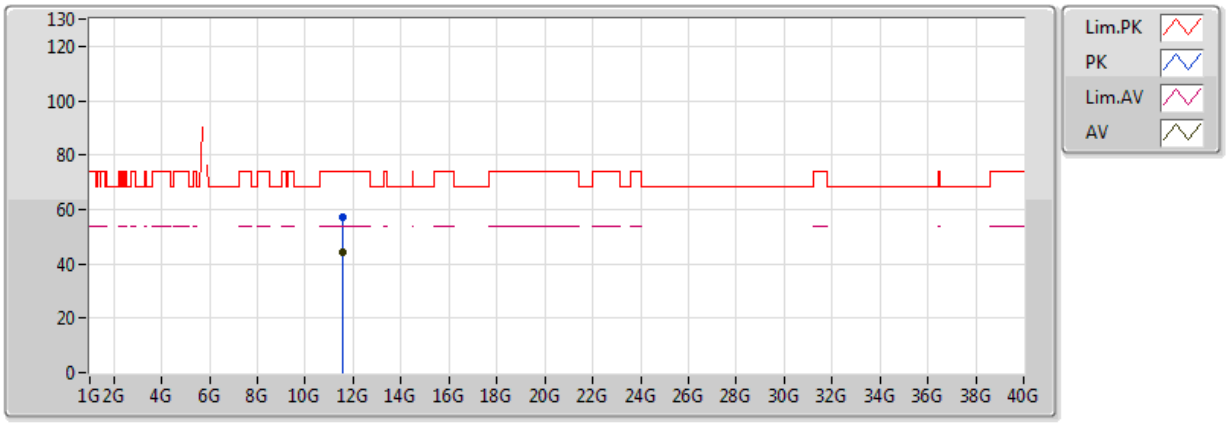


20170726
EUT Y_2TX
Setting 18
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	45.45	54.00	-8.55	13.50	3	V	181	1.43	-
PK	11.57048G	58.07	74.00	-15.93	13.50	3	V	181	1.43	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

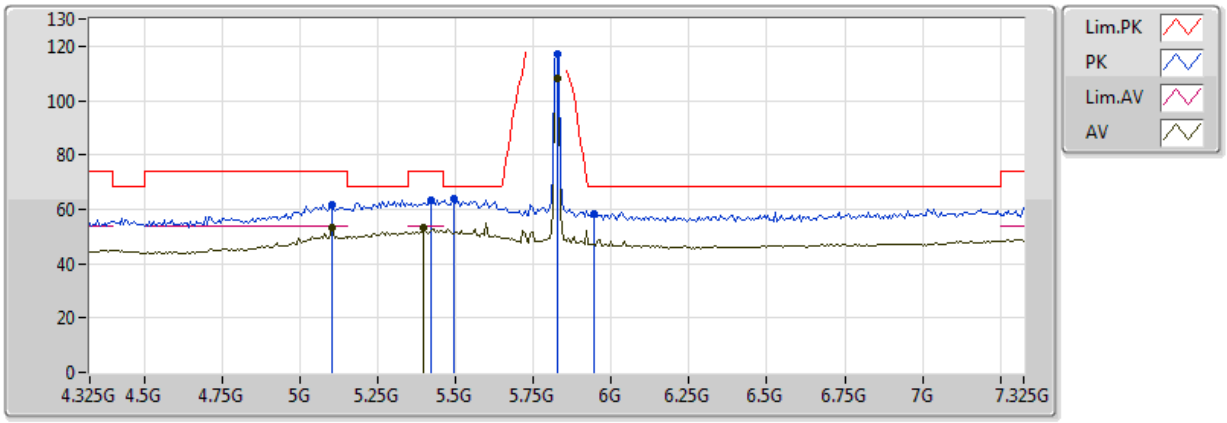


20170726
EUT Y_2TX
Setting 18
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57048G	44.26	54.00	-9.74	13.50	3	H	352	1.74	-
PK	11.5706G	57.30	74.00	-16.70	13.50	3	H	352	1.74	-

HT10_Nss1,(MCS0)_2TX

5825MHz_TX

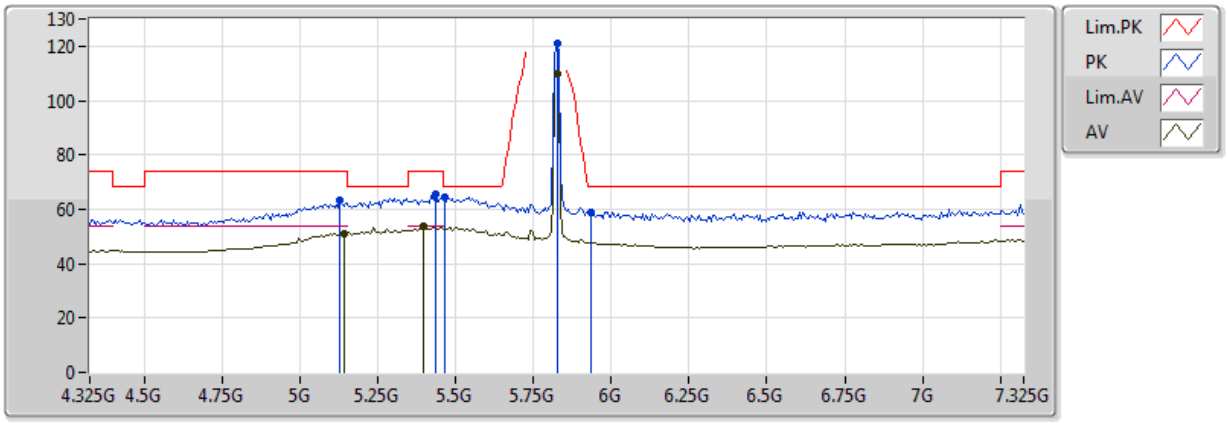


20170726
EUT Y_2TX
Setting 17
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.105G	53.49	54.00	-0.51	5.35	3	V	185	1.85	-
AV	5.399G	52.96	54.00	-1.04	5.91	3	V	185	1.85	-
AV	5.825G	108.22	Inf	-Inf	6.24	3	V	185	1.85	-
PK	5.105G	61.81	74.00	-12.19	5.35	3	V	185	1.85	-
PK	5.423G	63.56	74.00	-10.44	5.97	3	V	185	1.85	-
PK	5.495G	63.70	68.20	-4.50	6.15	3	V	185	1.85	-
PK	5.825G	116.91	Inf	-Inf	6.24	3	V	185	1.85	-
PK	5.945G	58.37	68.20	-9.83	6.18	3	V	185	1.85	-

HT10_Nss1,(MCS0)_2TX

5825MHz_TX

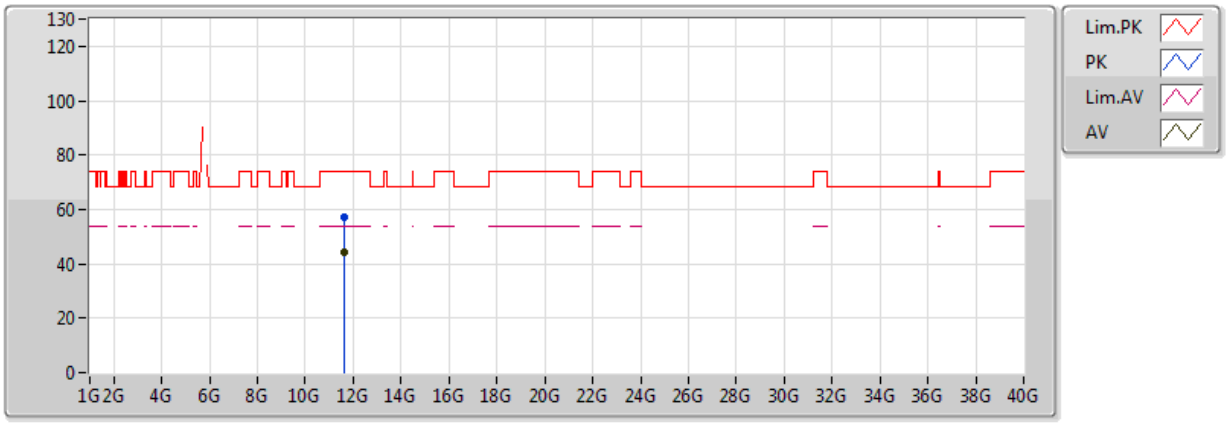


20170726
EUT Y_2TX
Setting 17
03-P-2-10
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.141G	50.85	54.00	-3.15	5.43	3	H	175	1.70	-
AV	5.399G	53.57	54.00	-0.43	5.91	3	H	175	1.70	-
AV	5.825G	109.67	Inf	-Inf	6.24	3	H	175	1.70	-
PK	5.129G	63.07	74.00	-10.93	5.40	3	H	175	1.70	-
PK	5.435G	65.67	74.00	-8.33	6.00	3	H	175	1.70	-
PK	5.465G	64.33	68.20	-3.87	6.07	3	H	175	1.70	-
PK	5.825G	120.79	Inf	-Inf	6.24	3	H	175	1.70	-
PK	5.933G	59.08	68.20	-9.12	6.18	3	H	175	1.70	-

HT10_Nss1,(MCS0)_2TX

5825MHz_TX

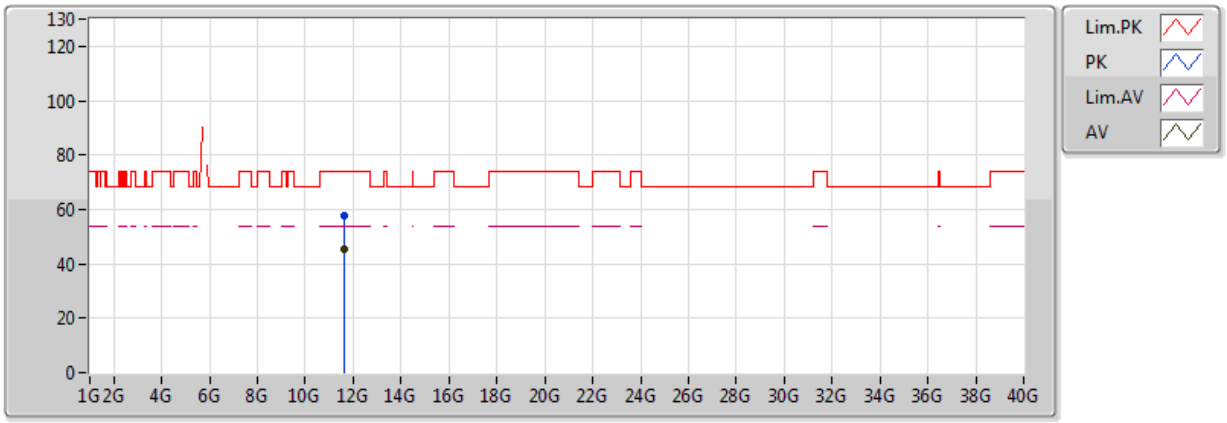


20170726
EUT Y_2TX
Setting 17
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64946G	44.13	54.00	-9.87	13.58	3	V	7	1.90	-
PK	11.64958G	57.28	74.00	-16.72	13.58	3	V	7	1.90	-

HT10_Nss1,(MCS0)_2TX

5825MHz_TX



20170726
EUT Y_2TX
Setting 17
03-P-2
FSP(100142)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65042G	45.19	54.00	-8.81	13.58	3	H	349	1.79	-
PK	11.6509G	57.58	74.00	-16.42	13.58	3	H	349	1.79	-

Mode: 10/20 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9494	5199.9484	5199.9478	5199.9469
110.00	5199.9493	5199.9486	5199.9483	5199.9473
93.50	5199.9491	5199.9488	5199.9487	5199.9480
Max. Deviation (MHz)	0.0509	0.0516	0.0522	0.0531
Max. Deviation (ppm)	9.79	9.92	10.04	10.21
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-40	5199.9442	5199.9432	5199.9431	5199.9423
-30	5199.9440	5199.9438	5199.9431	5199.9421
-20	5199.9450	5199.9444	5199.9440	5199.9431
-10	5199.9453	5199.9449	5199.9447	5199.9443
0	5199.9472	5199.9468	5199.9458	5199.9450
10	5199.9487	5199.9481	5199.9474	5199.9471
20	5199.9493	5199.9489	5199.9488	5199.9487
30	5199.9501	5199.9491	5199.9489	5199.9485
40	5199.9519	5199.9514	5199.9511	5199.9505
50	5199.9531	5199.9523	5199.9521	5199.9517
60	5199.9521	5199.9516	5199.9515	5199.9510
70	5199.9530	5199.9520	5199.9510	5199.9509
Max. Deviation (MHz)	0.0558	0.0568	0.0569	0.0577
Max. Deviation (ppm)	10.73	10.92	10.94	11.10
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9500	5784.9491	5784.9485	5784.9481
110.00	5784.9493	5784.9488	5784.9487	5784.9484
93.50	5784.9487	5784.9478	5784.9477	5784.9472
Max. Deviation (MHz)	0.0513	0.0522	0.0523	0.0528
Max. Deviation (ppm)	8.87	9.02	9.04	9.13
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-40	5784.9415	5784.9406	5784.9403	5784.9397
-30	5784.9425	5784.9418	5784.9411	5784.9405
-20	5784.9436	5784.9426	5784.9425	5784.9422
-10	5784.9453	5784.9450	5784.9448	5784.9440
0	5784.9472	5784.9466	5784.9464	5784.9459
10	5784.9475	5784.9469	5784.9460	5784.9458
20	5784.9493	5784.9485	5784.9481	5784.9471
30	5784.9501	5784.9498	5784.9497	5784.9492
40	5784.9503	5784.9497	5784.9492	5784.9489
50	5784.9512	5784.9509	5784.9506	5784.9498
60	5784.9523	5784.9513	5784.9507	5784.9499
70	5784.9542	5784.9540	5784.9533	5784.9532
Max. Deviation (MHz)	0.0585	0.0594	0.0597	0.0603
Max. Deviation (ppm)	10.11	10.27	10.32	10.42
Result	Pass			

Mode: 40 MHz / Port 2

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9496	5189.9492	5189.9491	5189.9487
110.00	5189.9493	5189.9489	5189.9481	5189.9471
93.50	5189.9489	5189.9484	5189.9477	5189.9470
Max. Deviation (MHz)	0.0511	0.0516	0.0523	0.0530
Max. Deviation (ppm)	9.85	9.94	10.08	10.21
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-40	5189.9426	5189.9425	5189.9416	5189.9414
-30	5189.9427	5189.9425	5189.9419	5189.9414
-20	5189.9440	5189.9432	5189.9424	5189.9417
-10	5189.9444	5189.9435	5189.9428	5189.9424
0	5189.9462	5189.9453	5189.9444	5189.9442
10	5189.9474	5189.9473	5189.9471	5189.9463
20	5189.9493	5189.9484	5189.9476	5189.9468
30	5189.9501	5189.9493	5189.9485	5189.9478
40	5189.9509	5189.9502	5189.9499	5189.9493
50	5189.9524	5189.9523	5189.9521	5189.9520
60	5189.9525	5189.9518	5189.9509	5189.9505
70	5189.9528	5189.9520	5189.9510	5189.9504
Max. Deviation (MHz)	0.0574	0.0575	0.0584	0.0586
Max. Deviation (ppm)	11.06	11.08	11.25	11.29
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9503	5754.9498	5754.9494	5754.9484
110.00	5754.9493	5754.9486	5754.9478	5754.9476
93.50	5754.9488	5754.9484	5754.9477	5754.9471
Max. Deviation (MHz)	0.0512	0.0516	0.0523	0.0529
Max. Deviation (ppm)	8.90	8.97	9.09	9.19
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-40	5754.9410	5754.9401	5754.9392	5754.9385
-30	5754.9420	5754.9414	5754.9406	5754.9403
-20	5754.9435	5754.9426	5754.9425	5754.9422
-10	5754.9454	5754.9451	5754.9448	5754.9443
0	5754.9465	5754.9459	5754.9455	5754.9445
10	5754.9485	5754.9481	5754.9475	5754.9472
20	5754.9493	5754.9492	5754.9484	5754.9481
30	5754.9501	5754.9495	5754.9488	5754.9480
40	5754.9502	5754.9500	5754.9492	5754.9490
50	5754.9503	5754.9501	5754.9499	5754.9497
60	5754.9518	5754.9509	5754.9506	5754.9500
70	5754.9534	5754.9528	5754.9526	5754.9525
Max. Deviation (MHz)	0.0590	0.0599	0.0608	0.0615
Max. Deviation (ppm)	10.25	10.41	10.56	10.69
Result	Pass			