Annex 1: Measurement diagrams to
T E S T R E P O R T
No.: 16-1-0188601T01a

According to:

FCC Regulations
Part 15.205
Part 15.209
Part 15.407

for

Intel Corporation

VLMTX58G Video Link Module TX 5.8GHz
+
WALSIN PCB ANTENNA RFPCA201018IM5B301 (2 pcs)

FCC-ID: 2AJ2A-VLMTX58G

Laboratory Accreditation and Listings			
DAkkS Deutsche Akkreditierungsstelle D-PL-12047-01-01	MRA US-EU 0003	Industry Canada Reg. No.: 3462D-2 Reg. No.: 3462D-3	Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
Wi Fi ALLIANCE AUTHORIZED RF LABORATORY	ctia Authorized™ Test Lab Lab Code: 20011130-00		
accredited according to DIN EN ISO/IEC 17025			

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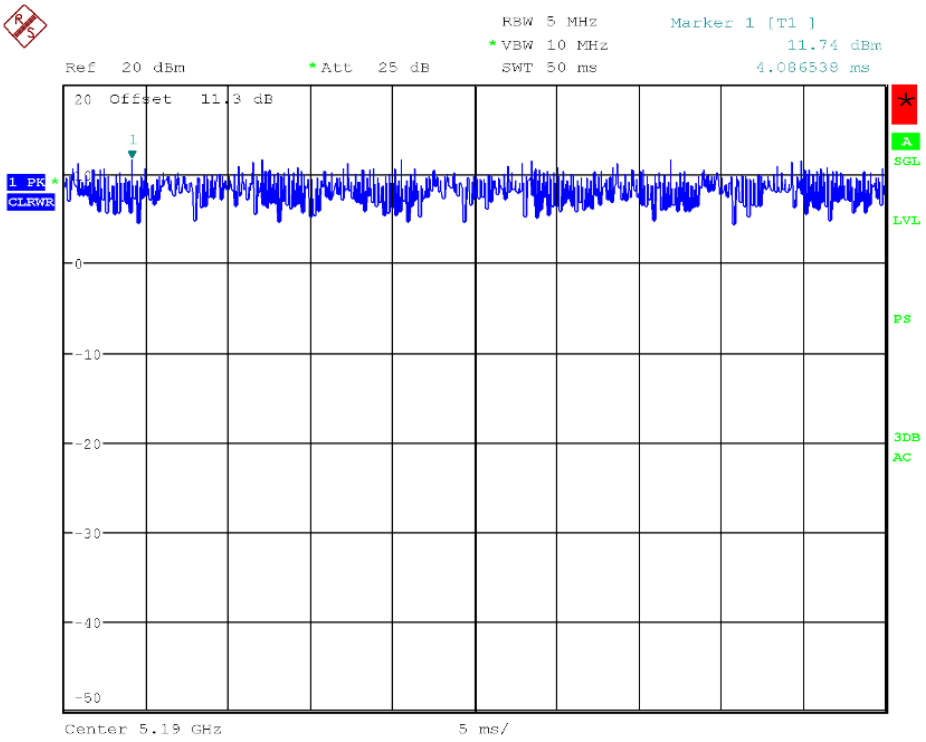
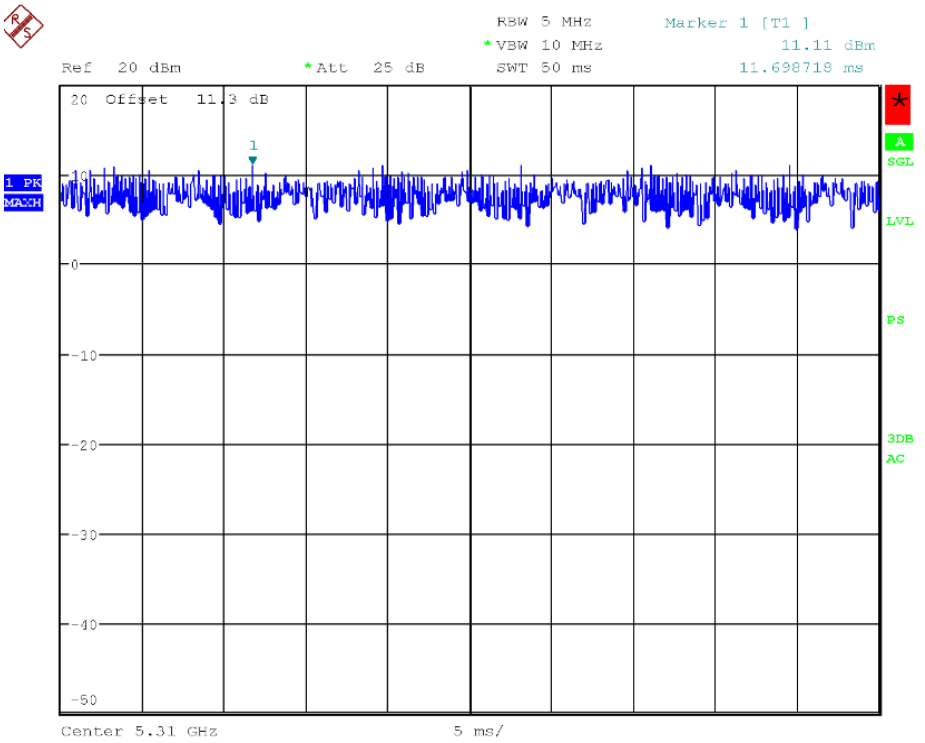
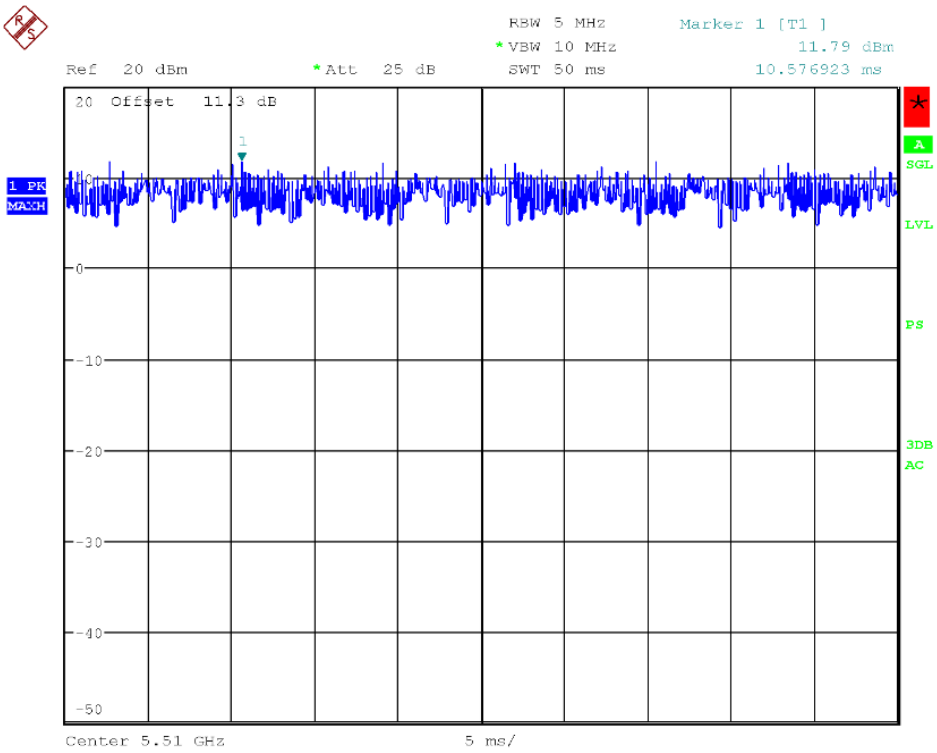
1.1. Duty-Cycle Measurements



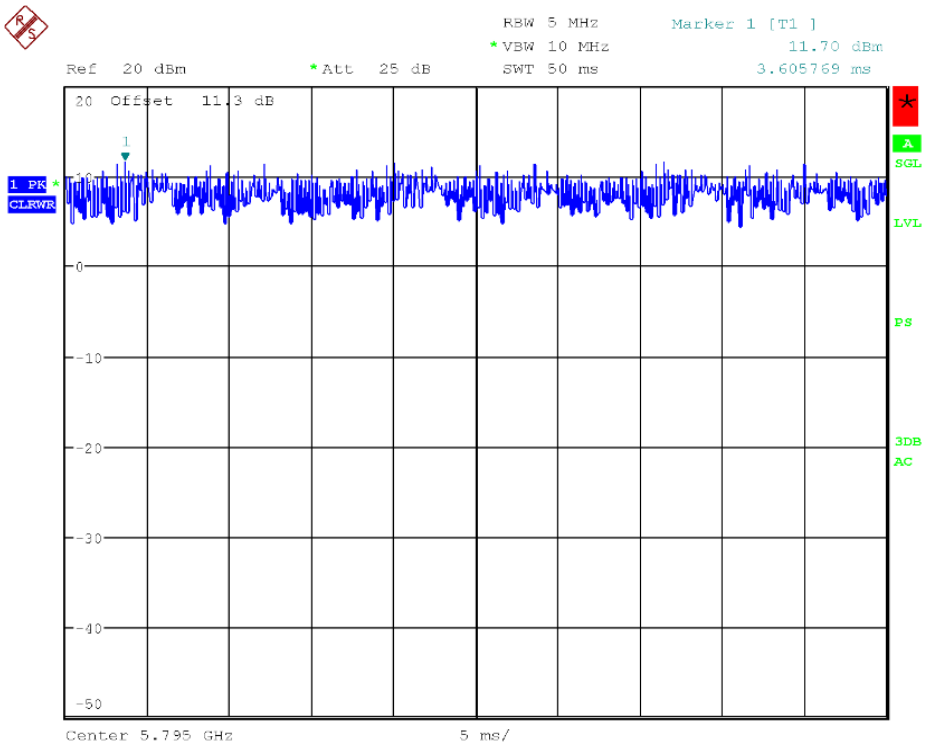
Plot 1: U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz



Plot 2: U-NII-2A Band-B.W. 40MHz-Ch 5310 MHz



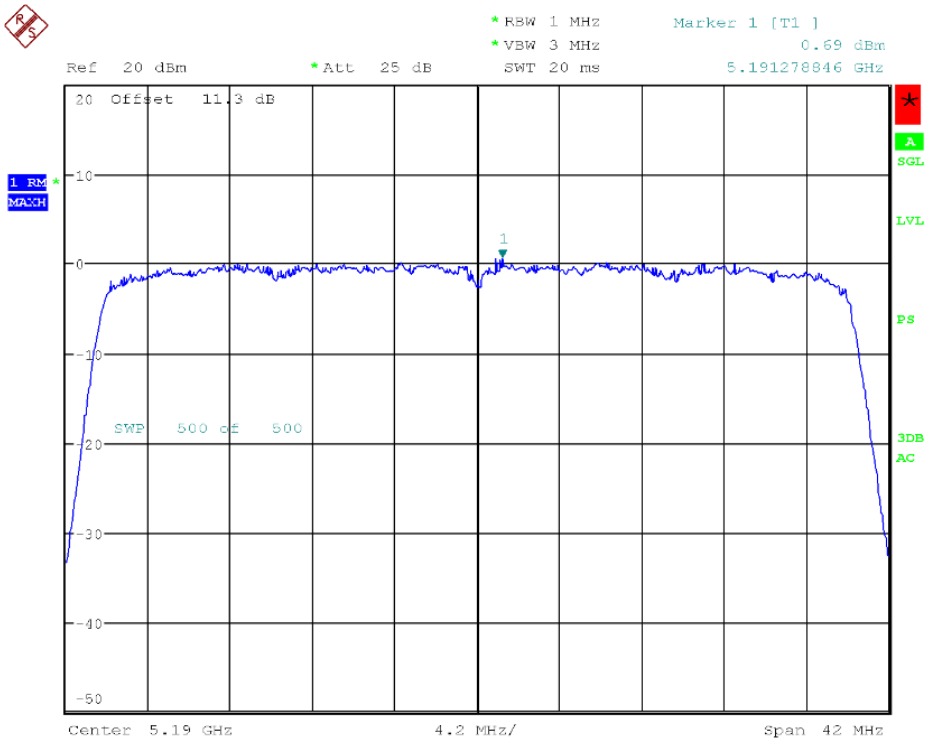
Plot 3: U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz



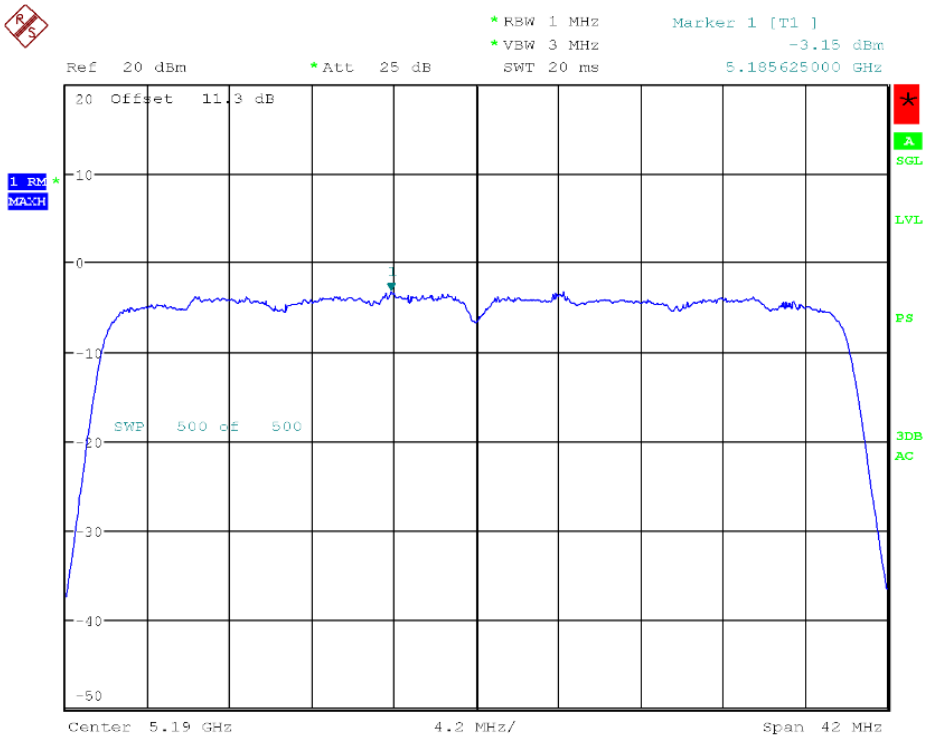
Plot 4: U-NII-3Band-B.W. 40 MHz- Ch 5795 MHz

1.2. Power Spectral Density

1.2.1. Channel 5190 MHz

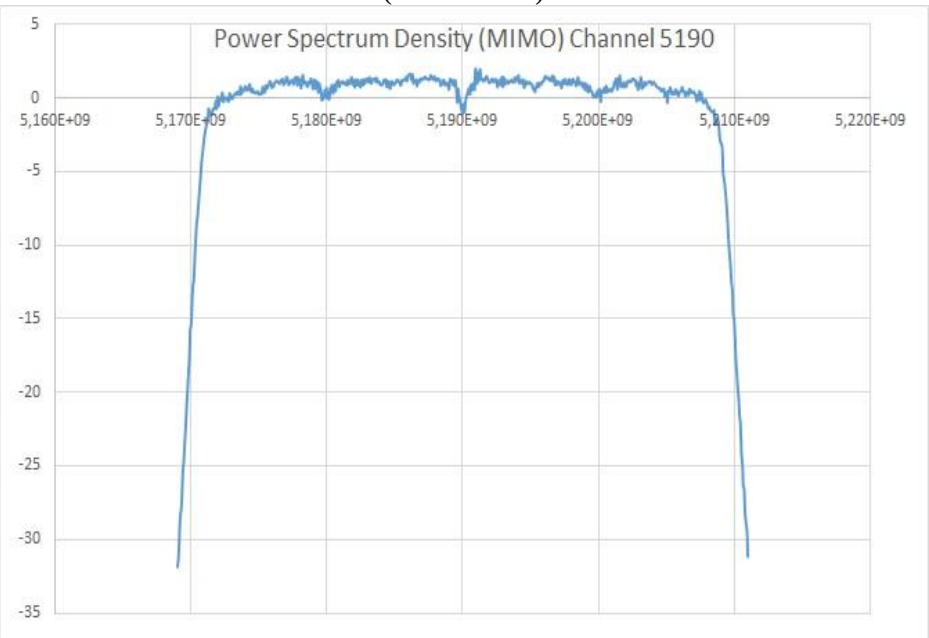


Plot 5: U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Port 0



Plot 6: U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Port 1

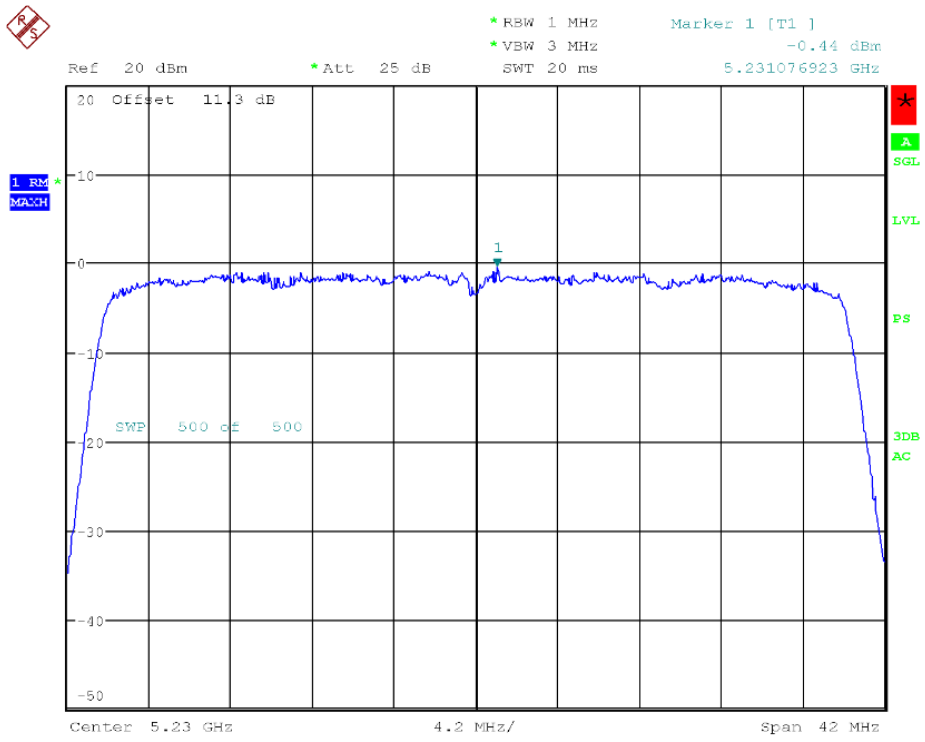
(value in dBm)



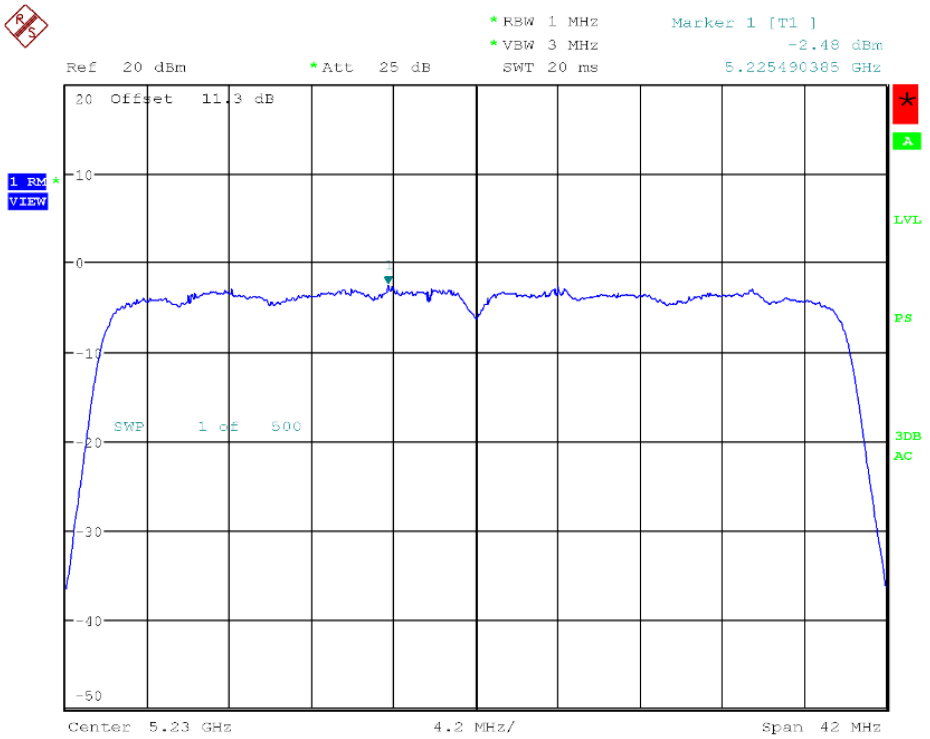
Plot 7: U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value: at 5190.94 MHz	1.96023933	dBm
	1.57044935	mW

1.2.2. Channel 5230 MHz

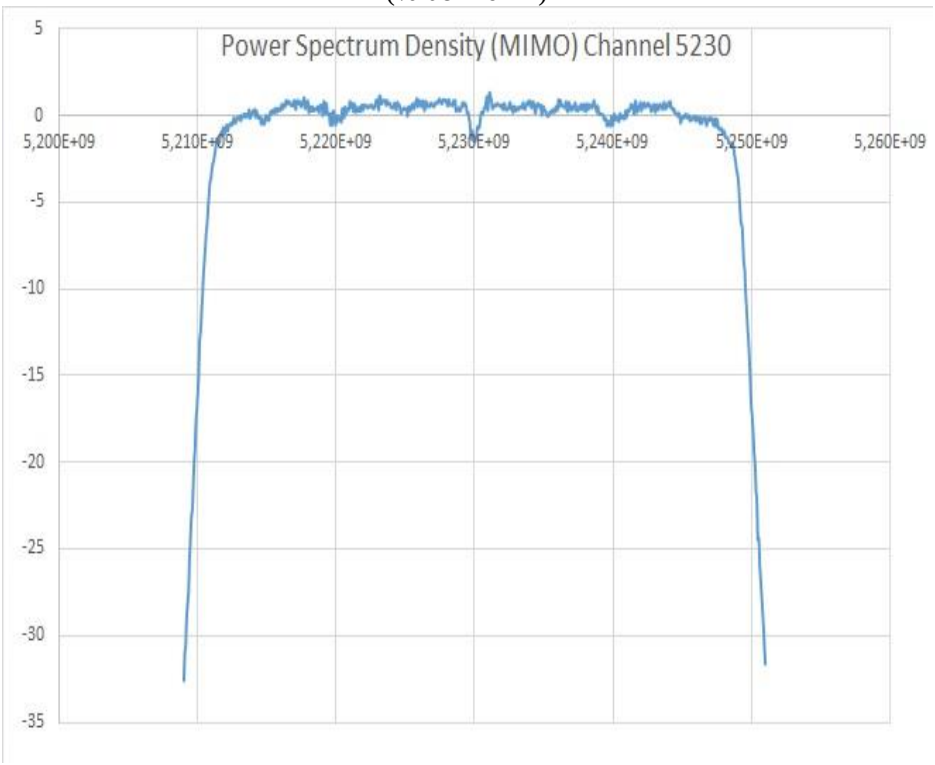


Plot 8: U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz, Port 0



Plot 9: U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz, Port 1

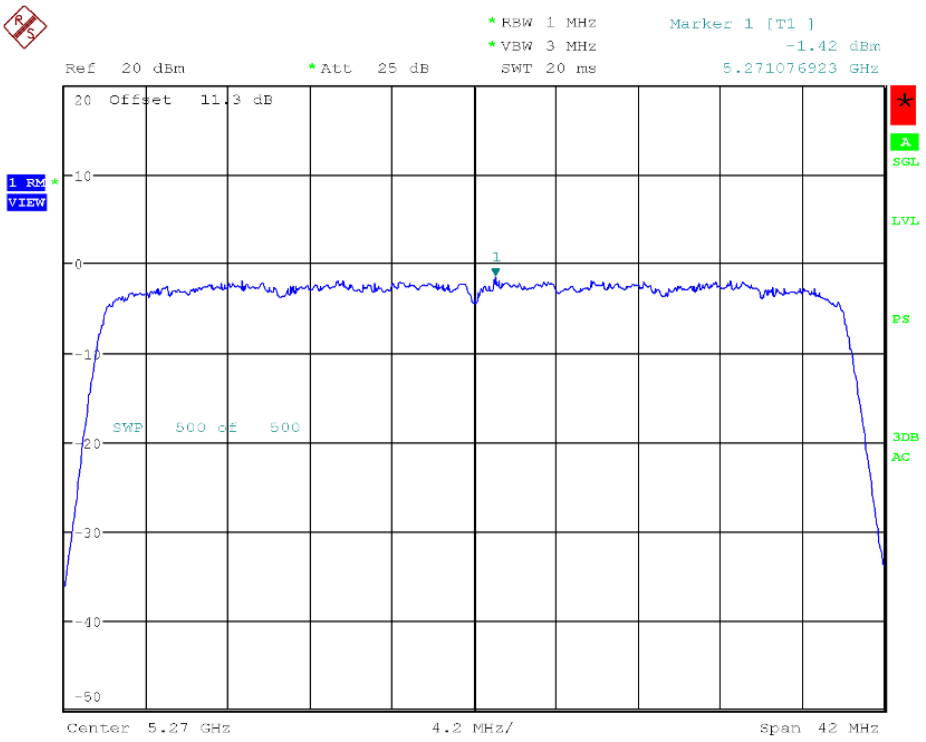
(value in dBm)



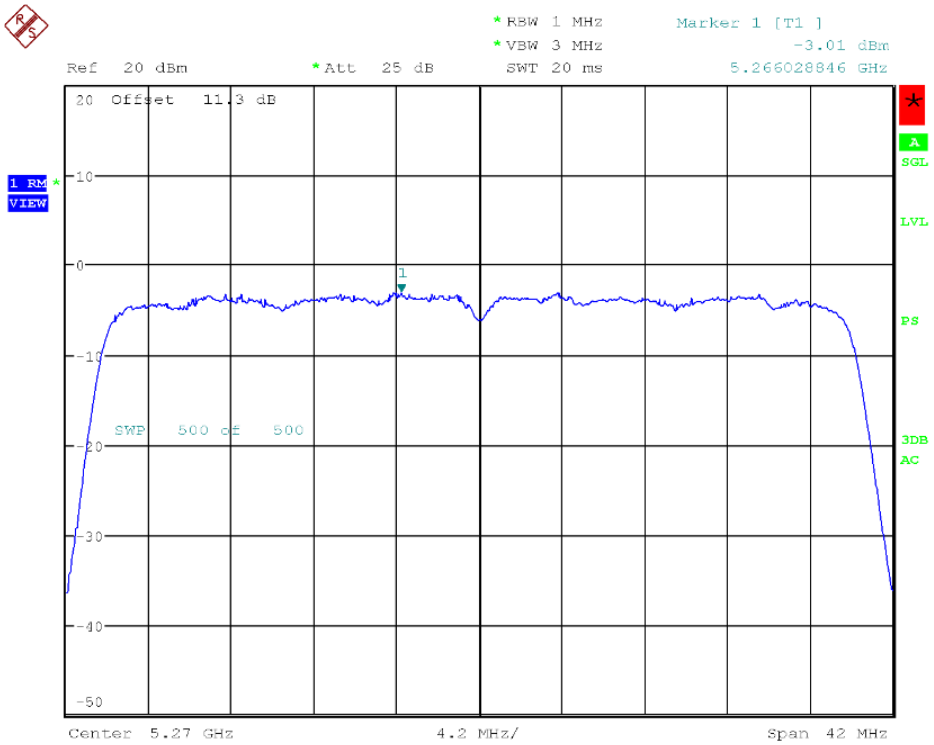
Plot 10: U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5231.08 MHz	1.33251207	dBm
	1.35909936	mW

1.2.3. Channel 5270 MHz

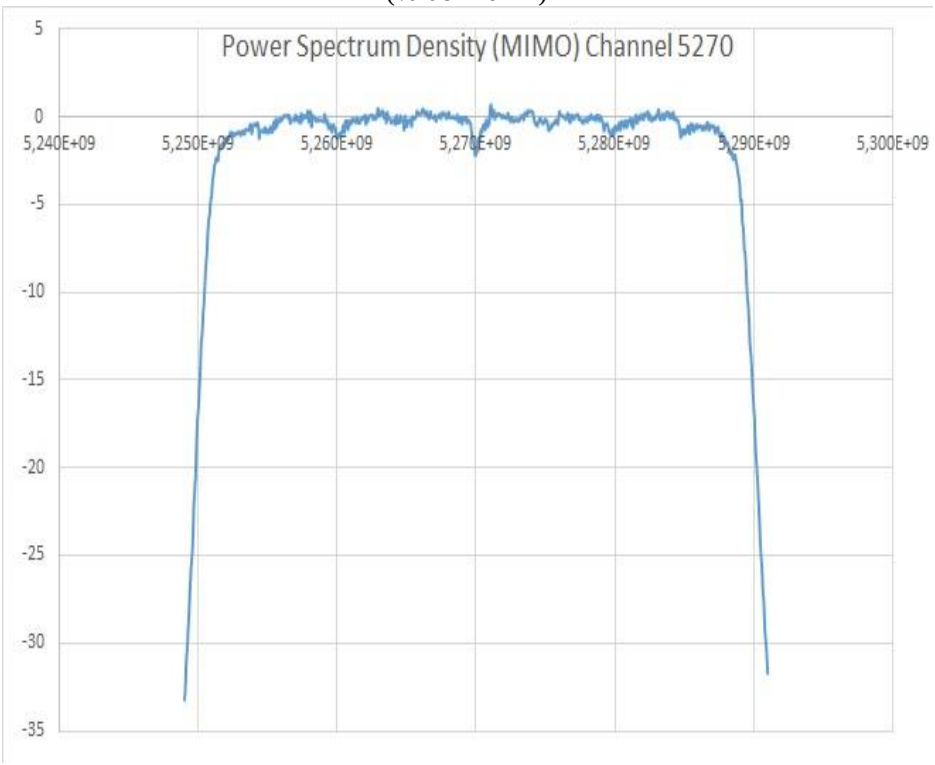


Plot 11: U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz, Port 0



Plot 12: U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz, Port 1

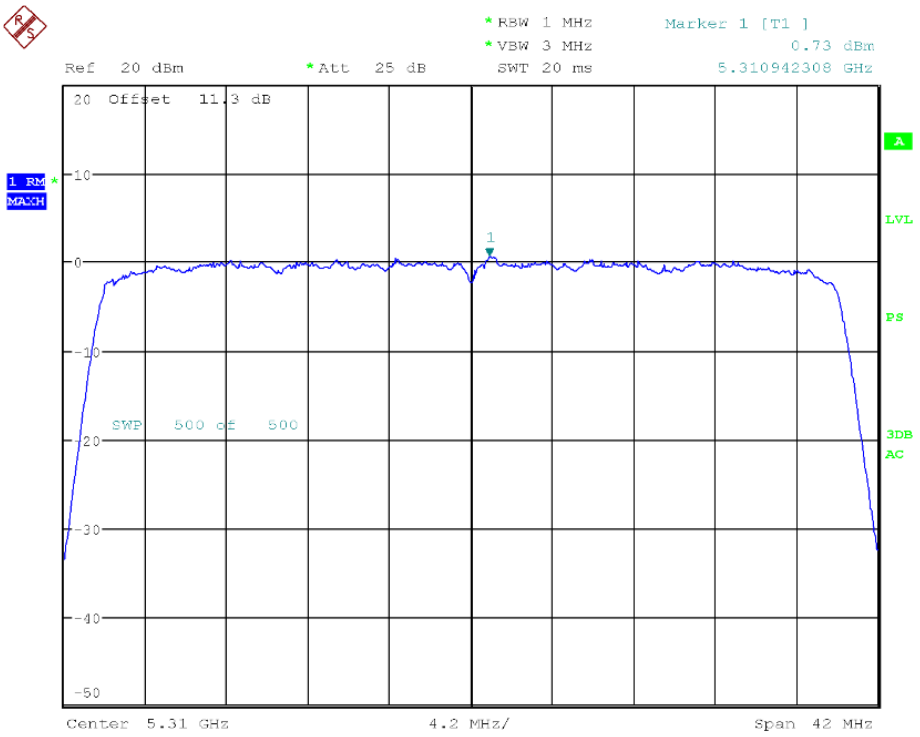
(value in dBm)



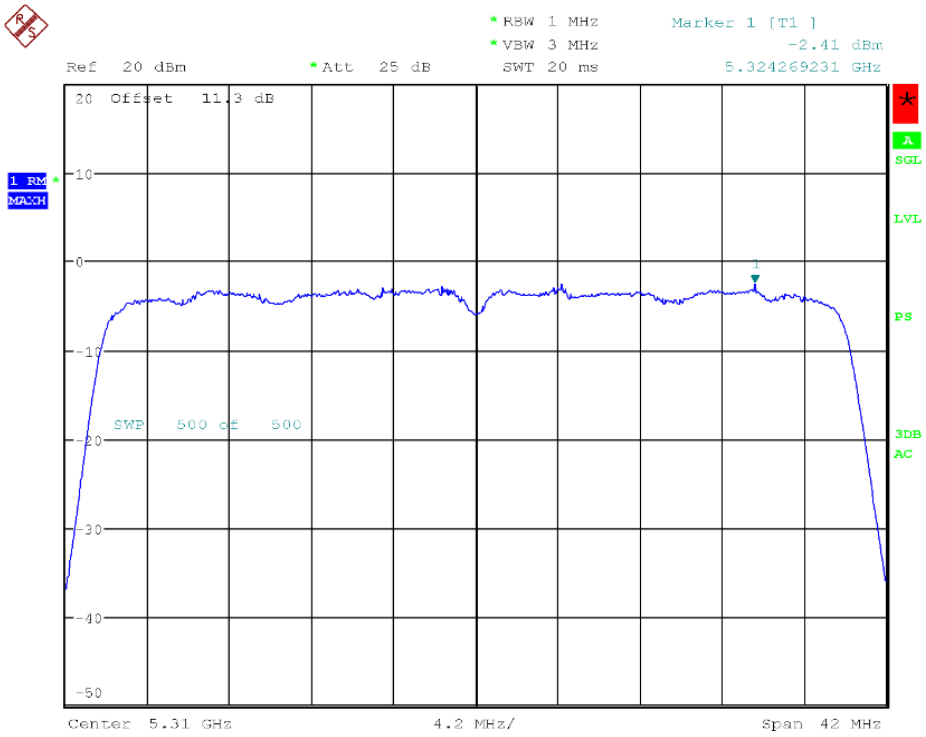
Plot 13: U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5271.08 MHz	0.6876269	dBm
	1.17155502	mW

1.2.4. Channel 5310 MHz

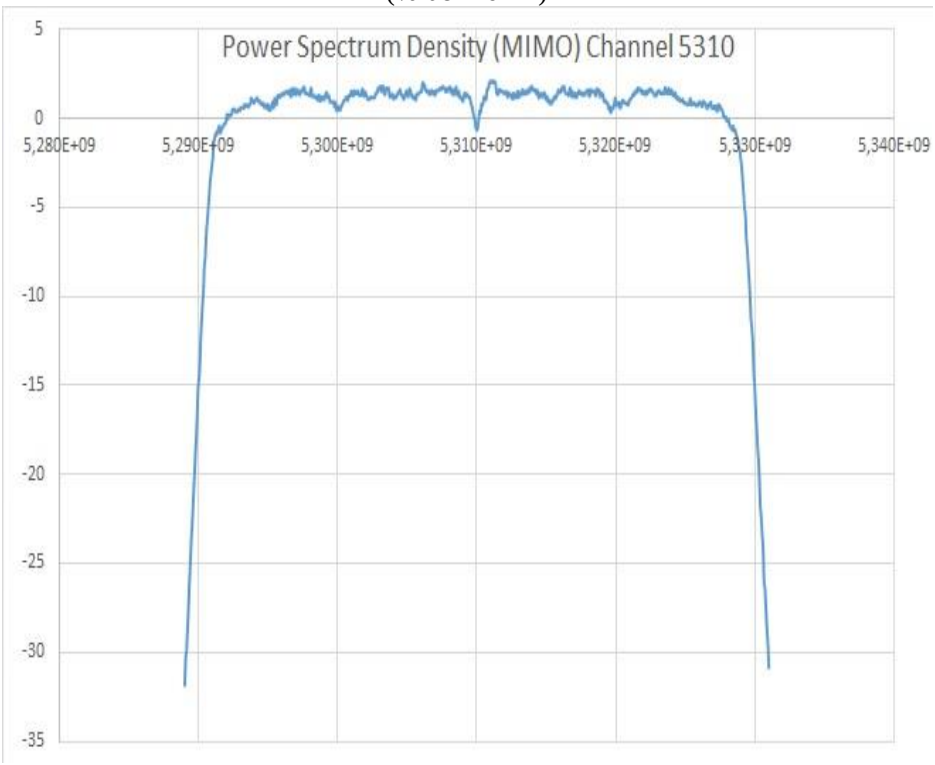


Plot 14: U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz, Port 0



Plot 15: U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz, Port 1

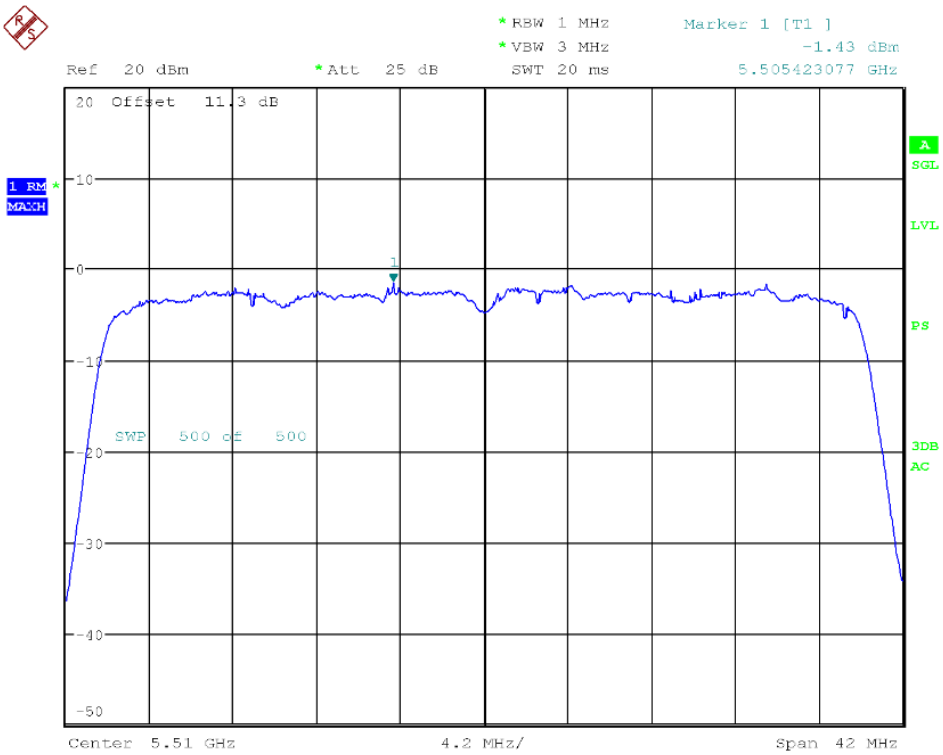
(value in dBm)



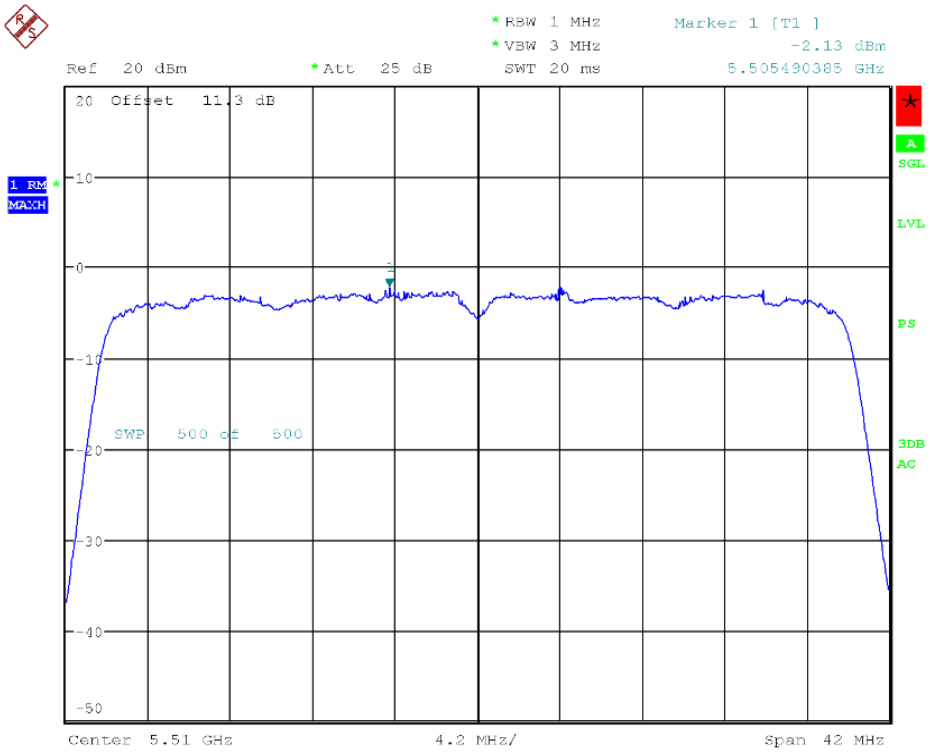
Plot 16: U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5311.14 MHz	2.11925939	dBm
	1.62901821	mW

1.2.5. Channel 5510 MHz

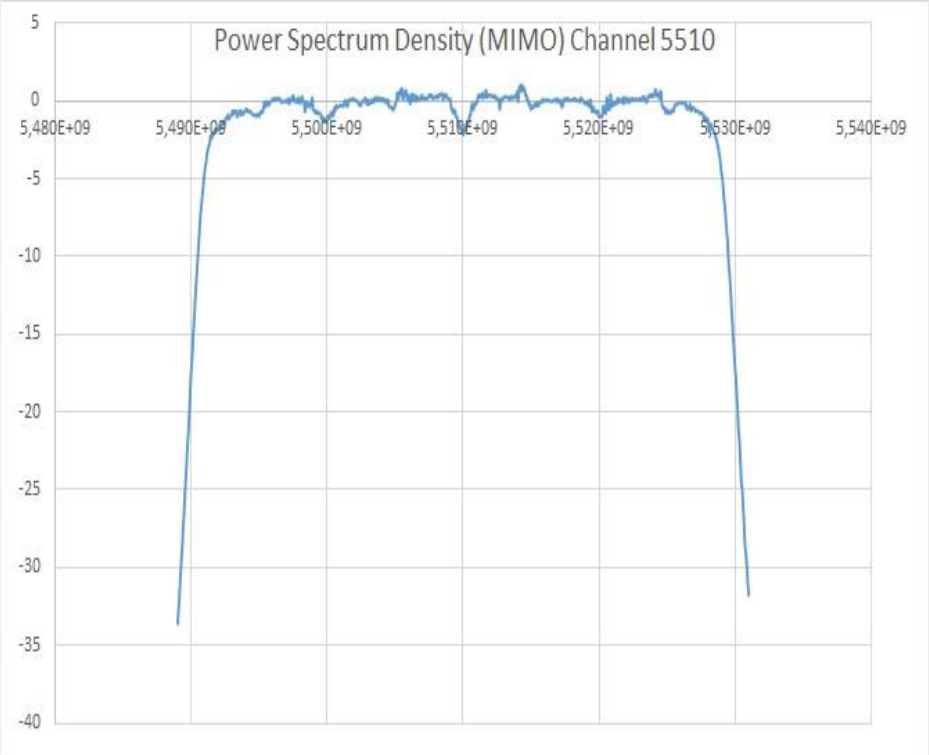


Plot 17: U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz, Port 0



Plot 18: U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz, Port 1

(value in dBm)

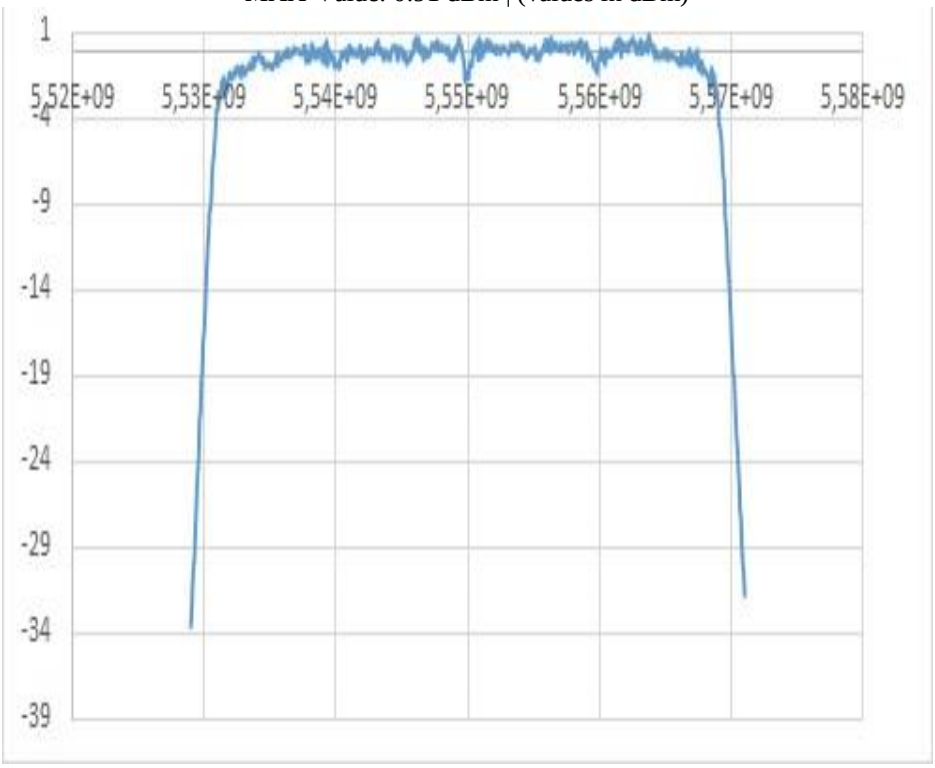


Plot 19: U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz- Sum [Port 0+ Port 1] (MIMO)

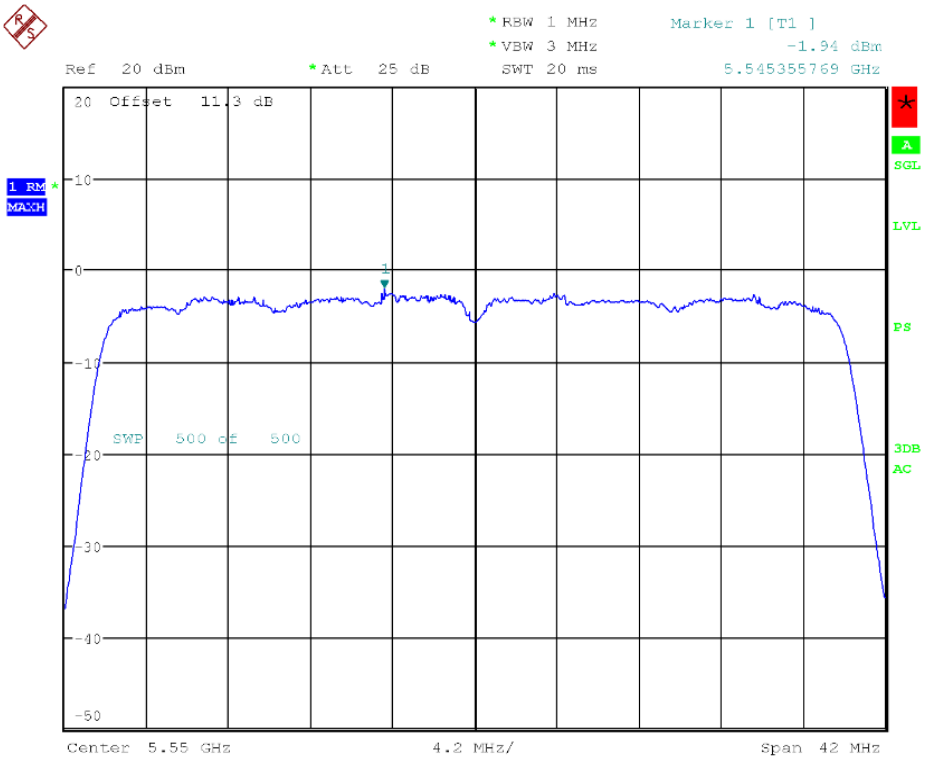
MAX-Value at 5514.24 MHz	1.01614001	dBm
	1.26361275	mW

1.2.6. Channel 5550 MHz

MAX-Value: 0.91 dBm | (values in dBm)

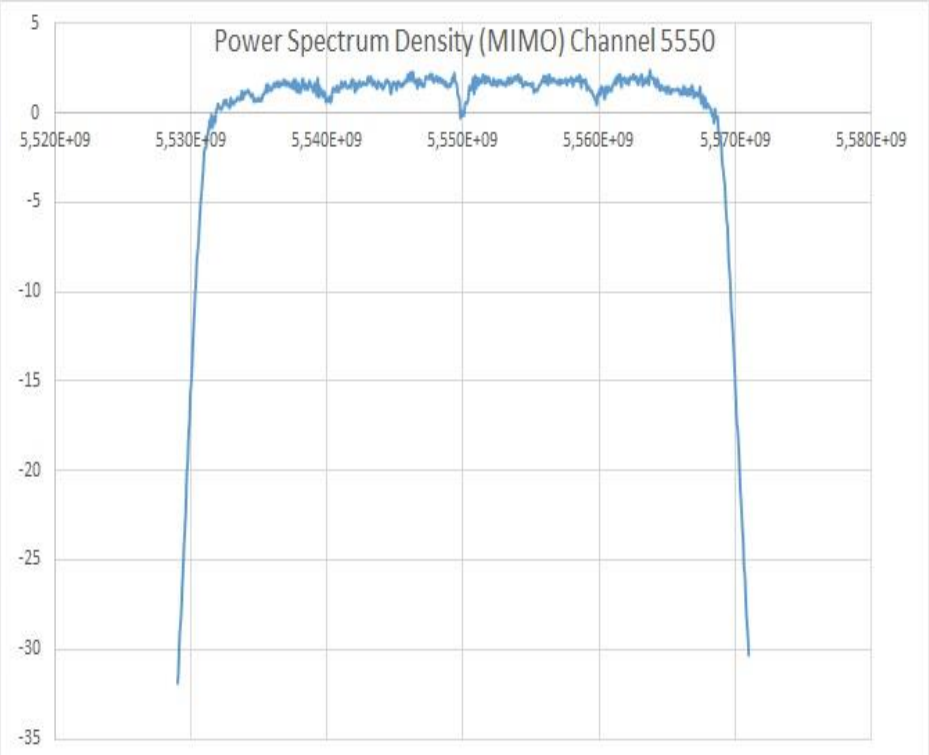


Plot 20: U-NII-2C Band-B.W. 40 MHz-Ch 5550 MHz, Port 0



Plot 21: U-NII-2C Band-B.W. 40 MHz-Ch 5550 MHz, Port 1

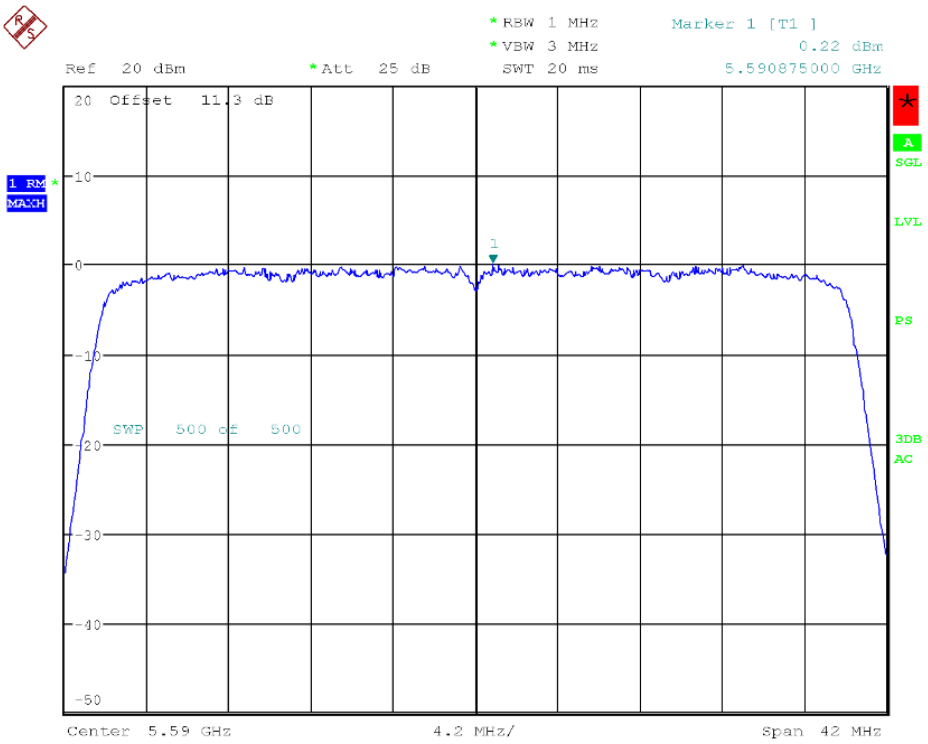
(value in dBm)



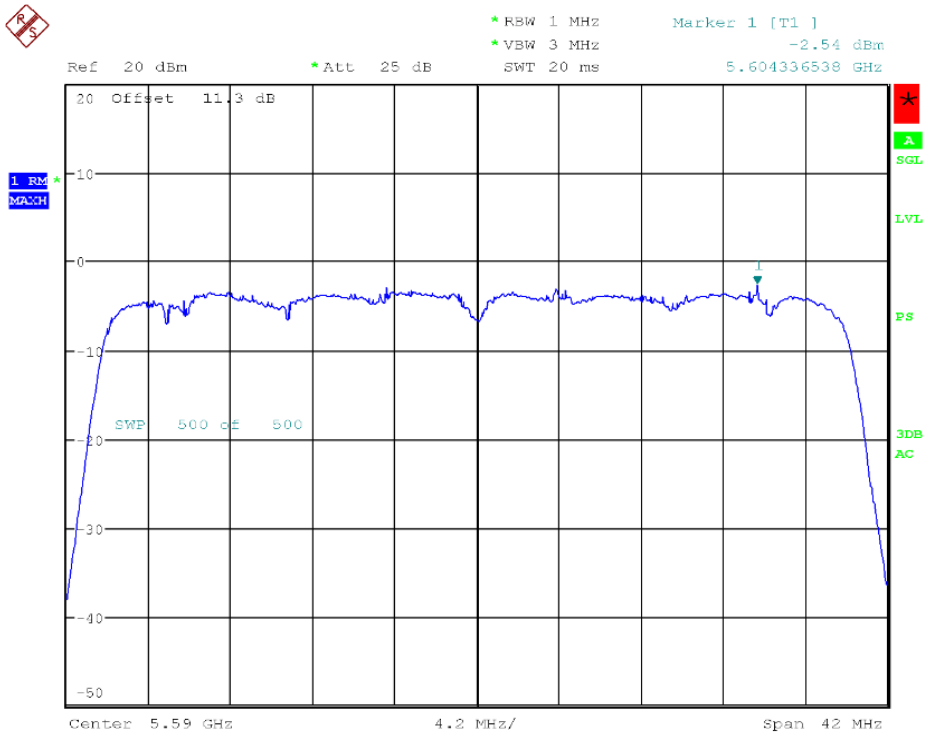
Plot 22: U-NII-2C Band-B.W. 40 MHz-Ch 5550 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5563.73 MHz	2.38568089	dBm
	1.73208057	mW

1.2.7. Channel 5590 MHz

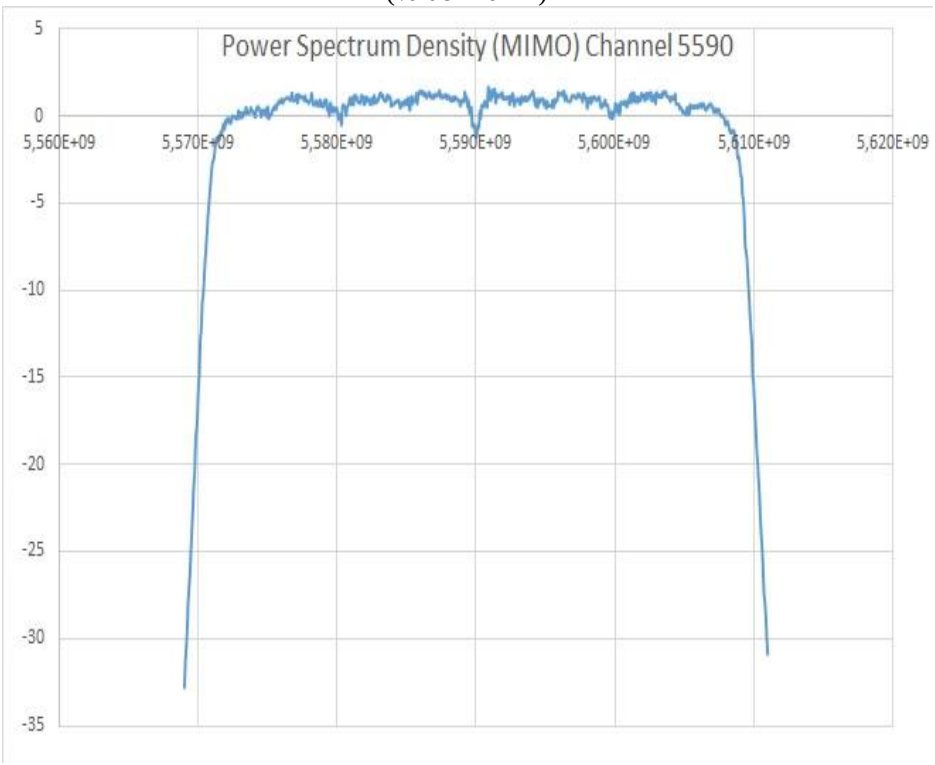


Plot 23: U-NII-2C Band-B.W. 40 MHz-Ch 5590 MHz, Port 0



Plot 24: U-NII-2C Band-B.W. 40 MHz-Ch 5590 MHz, Port 1

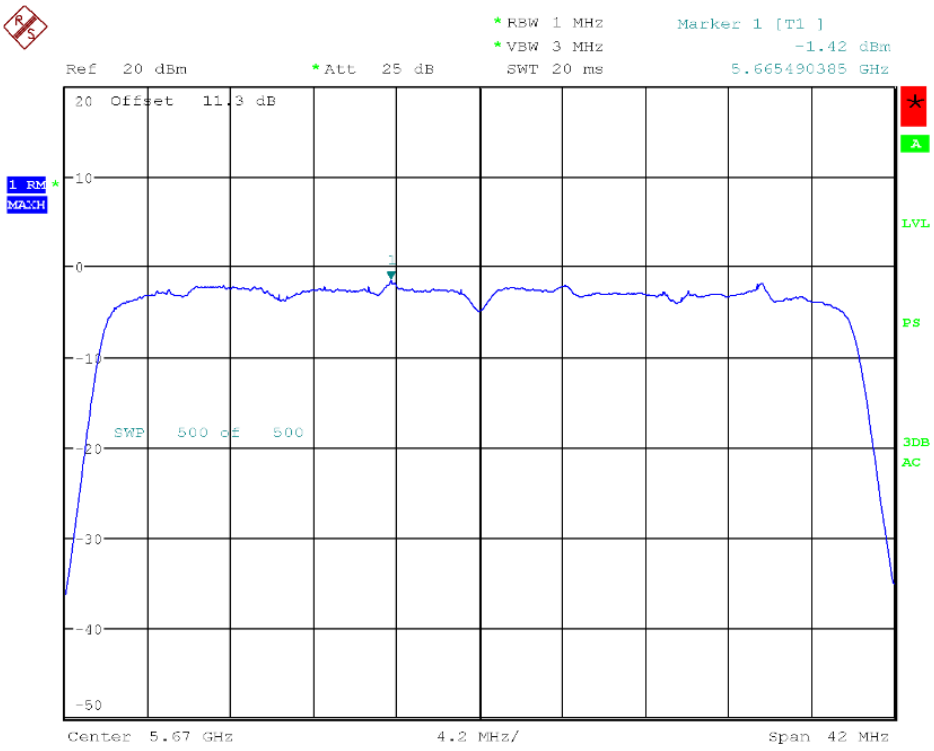
(value in dBm)



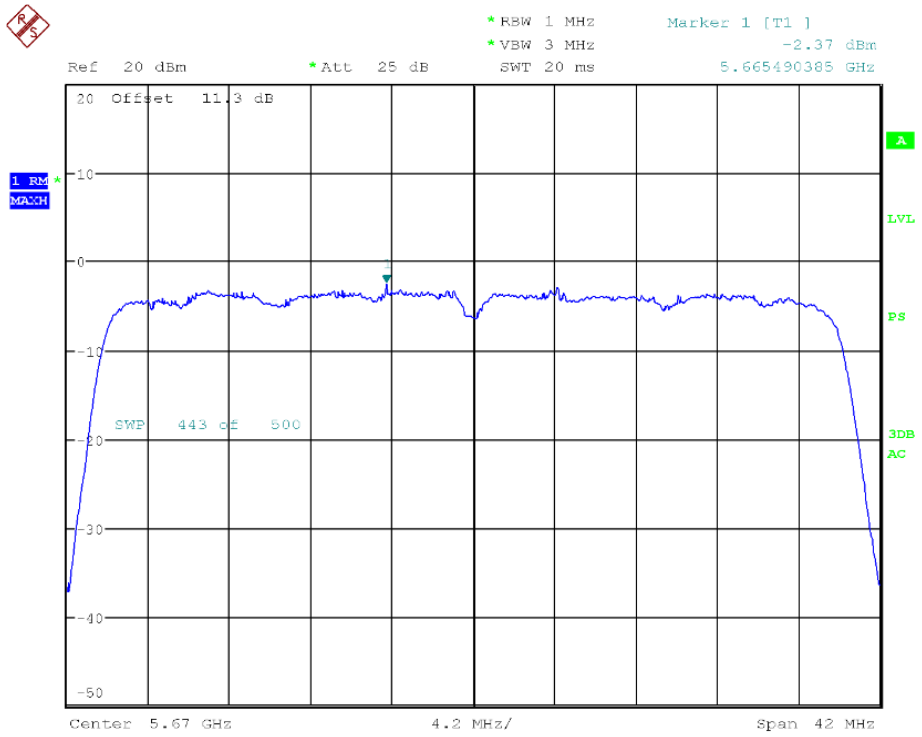
Plot 25: U-NII-2C Band-B.W. 40 MHz-Ch 5590 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5590.88 MHz	1.64838058	dBm
	1.46163205	mW

1.2.8. Channel 5670 MHz

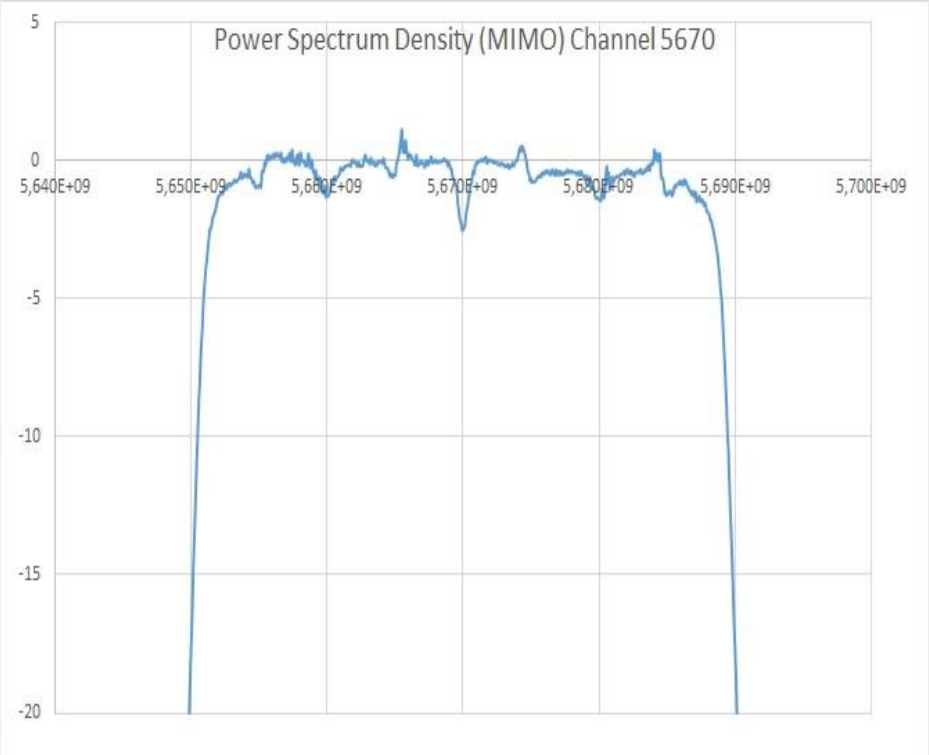


Plot 26: U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz, Port 0



Plot 27: U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz, Port 1

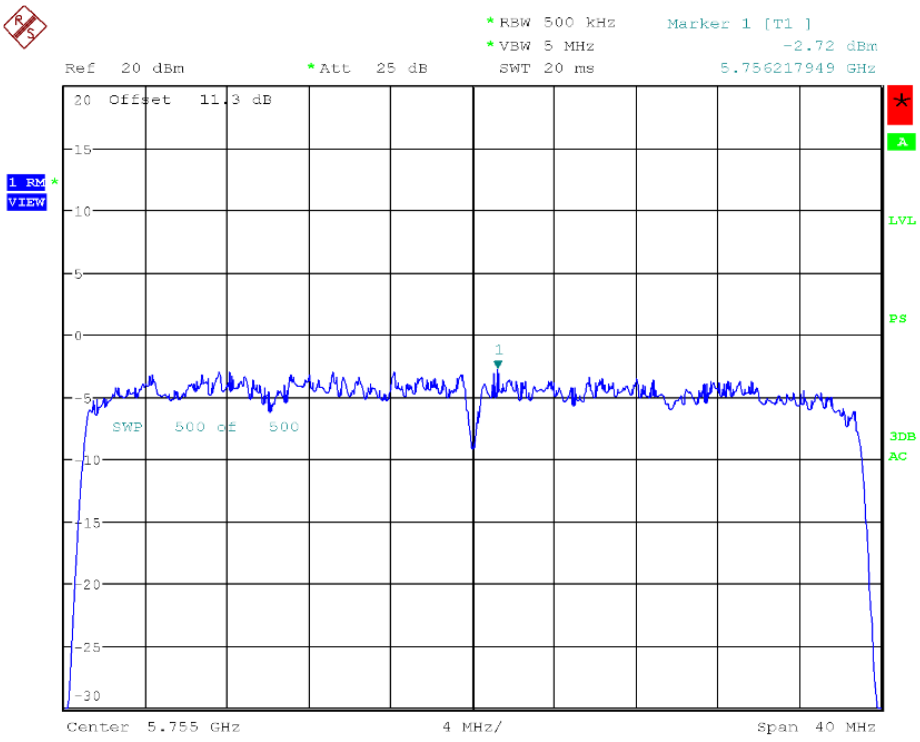
(value in dBm)



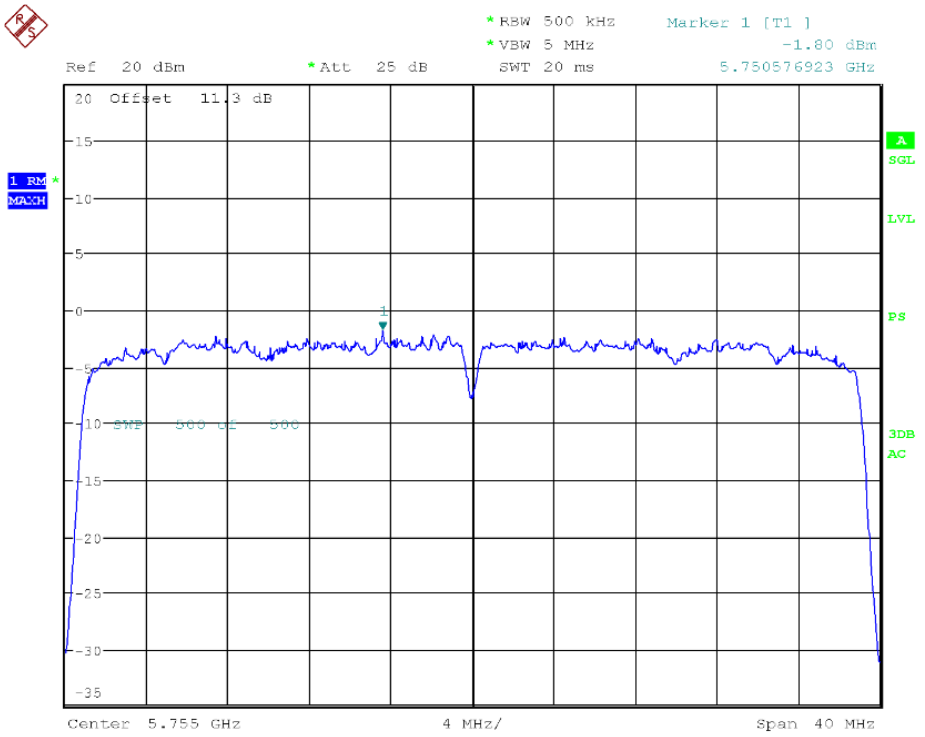
Plot 28: U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5665.49 MHz	1.12472216	dBm
	1.29560381	mW

1.2.9. Channel 5755 MHz

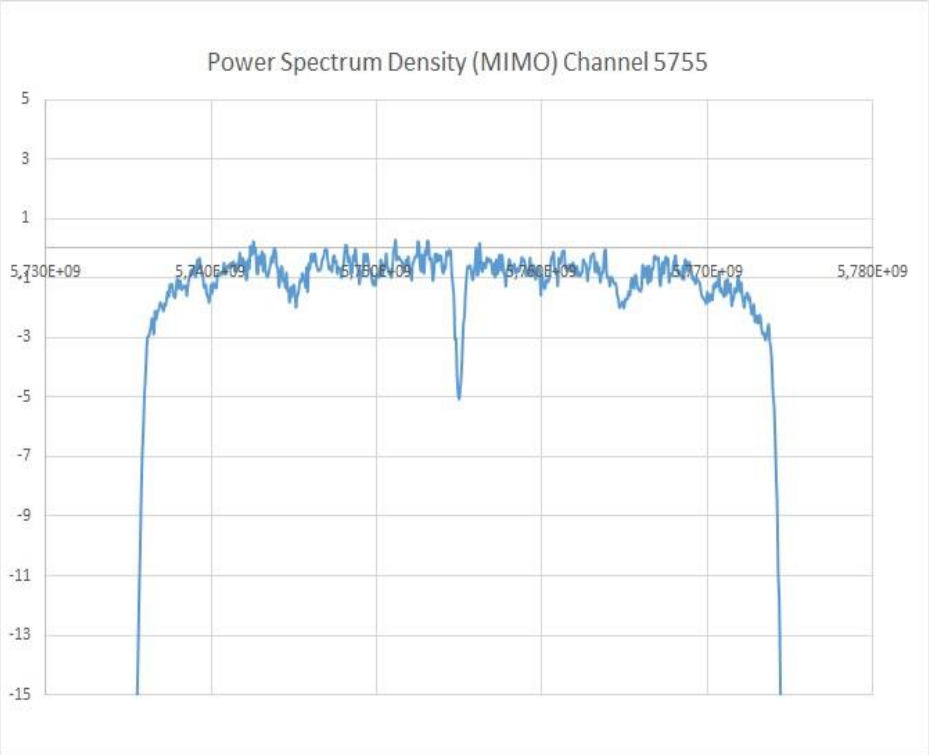


Plot 29: U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz, Port 0



Plot 30: U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz, Port 1

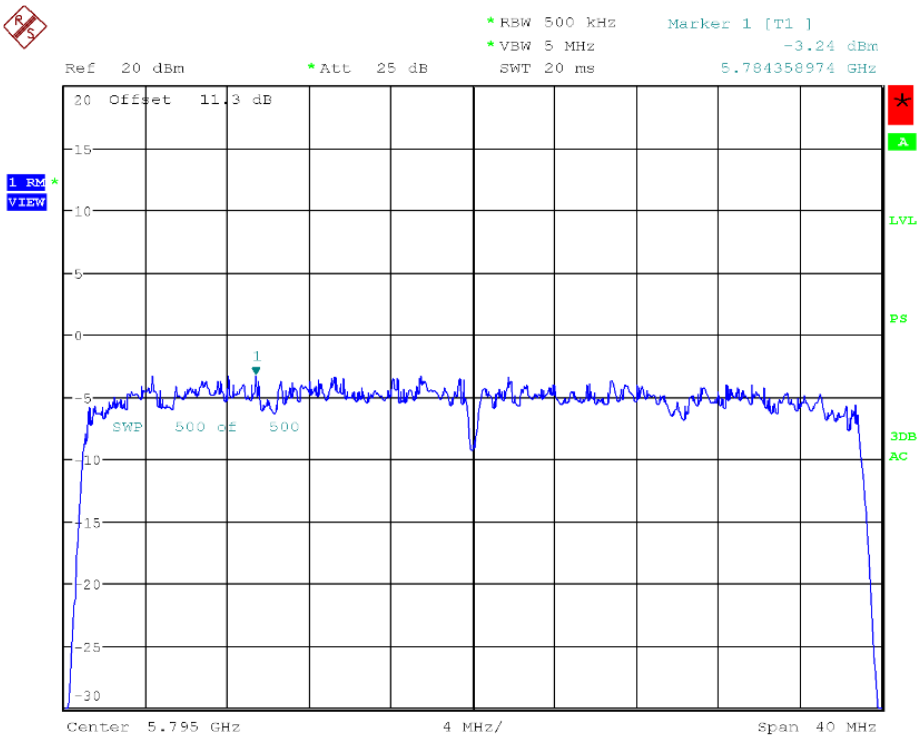
(value in dBm)



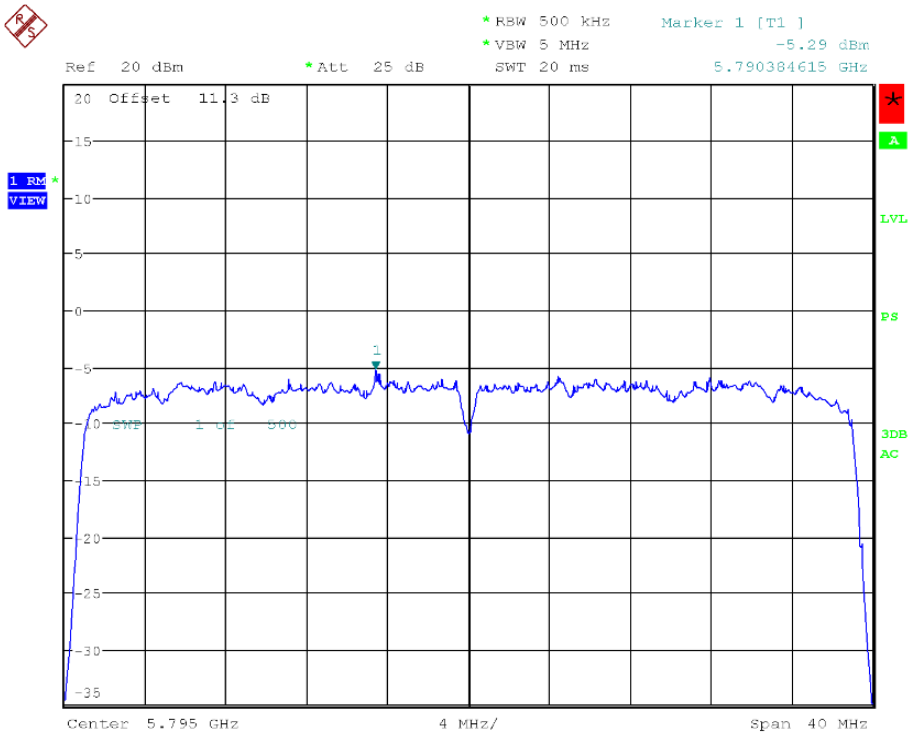
Plot 31: U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5751.15 MHz	0.27788912	dBm
	1.06607783	mW

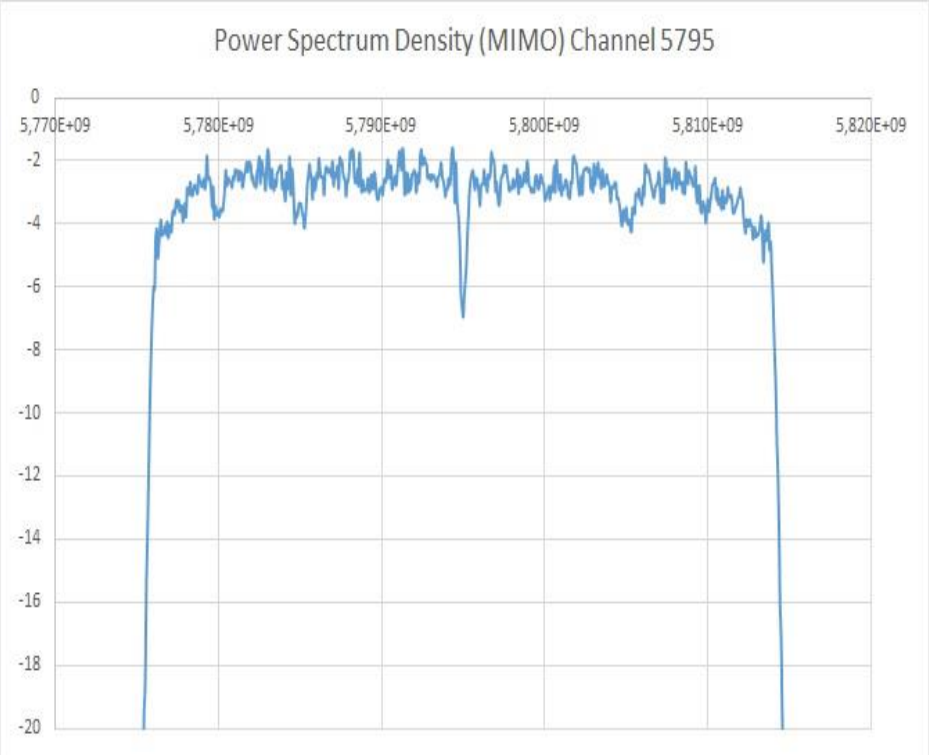
1.2.10. Channel 5795 MHz



Plot 32: U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz, Port 0



Plot 33: U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz, Port 1



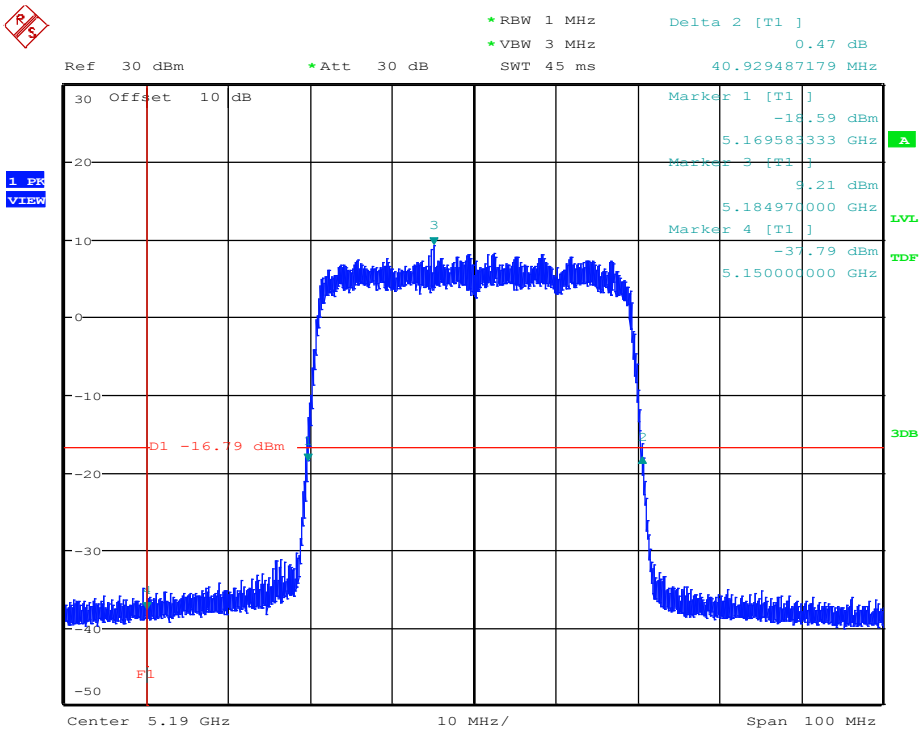
Plot 34: U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz- Sum [Port 0+ Port 1] (MIMO)

MAX-Value at 5794.36 MHz	-1.58659346	dBm
	0.69396993	mW

1.3. 26dBc Bandwidth and 99% Occupied Bandwidth

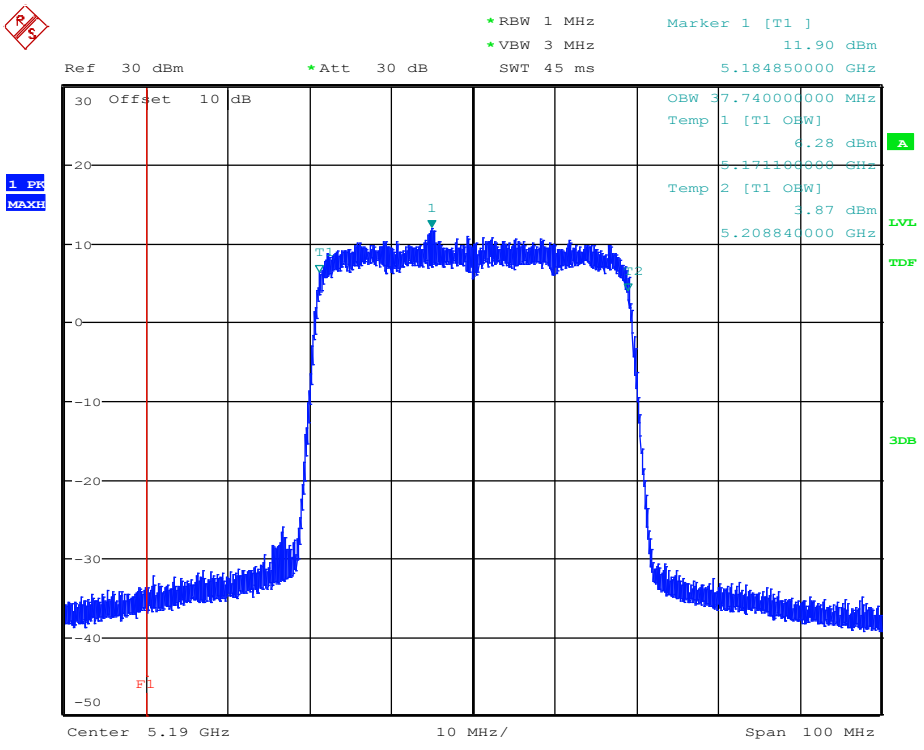
1.3.1. U-NII-1 Band

1.3.1.1. 26dBc B.W.-Channel 5190 MHz- Port 0



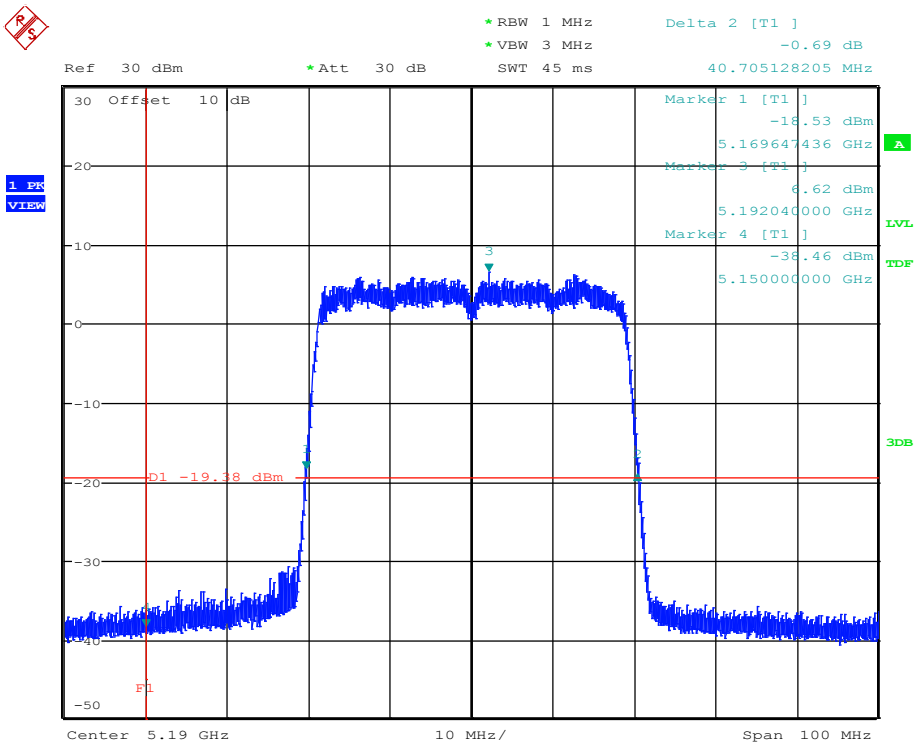
Plot 35: 26dBc B.W-U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Port 0

1.3.1.2. 99% OBW-Channel 5190 MHz- Port 0



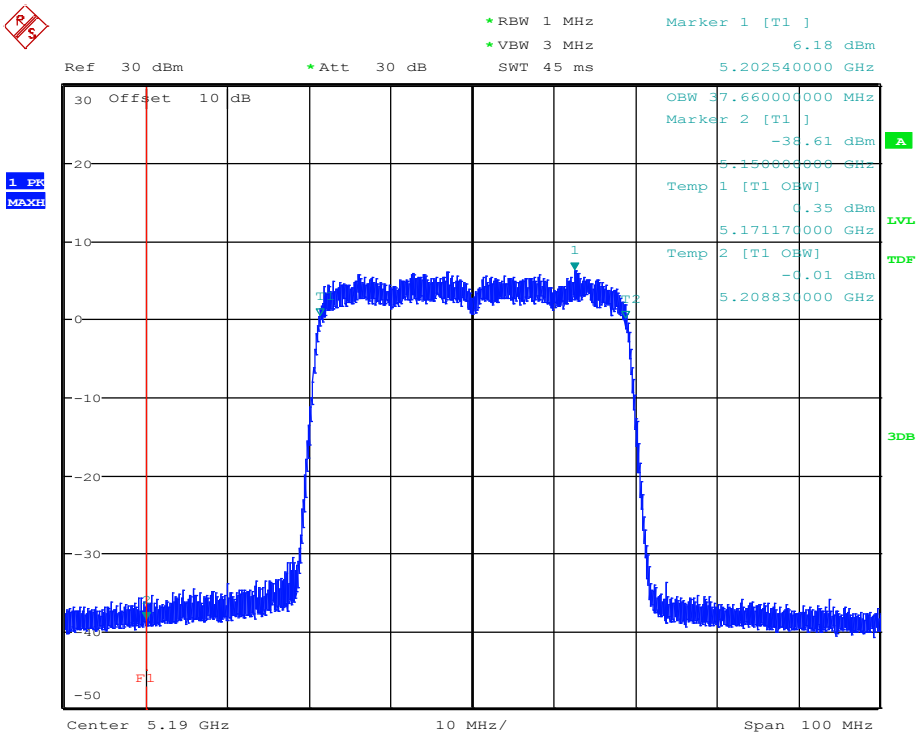
Plot 36: 99% OBW-U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Port 0

1.3.1.3. 26dBc B.W.-Channel 5190 MHz- Port 1



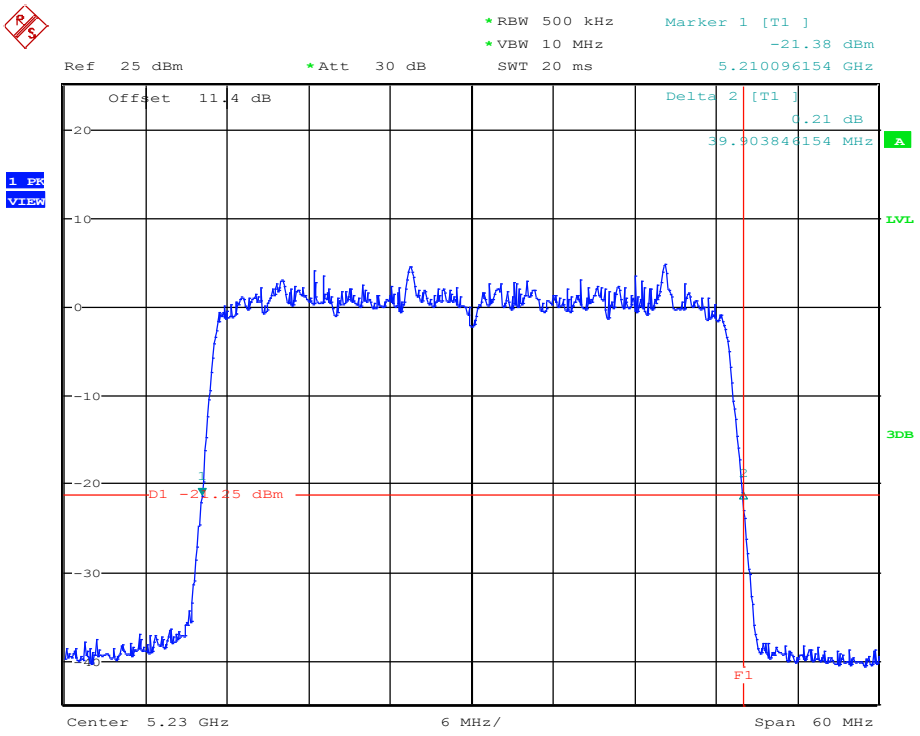
Plot 37: 26dBc B.W-U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Port 1

1.3.1.4. 99% OBW-Channel 5190 MHz- Port 1

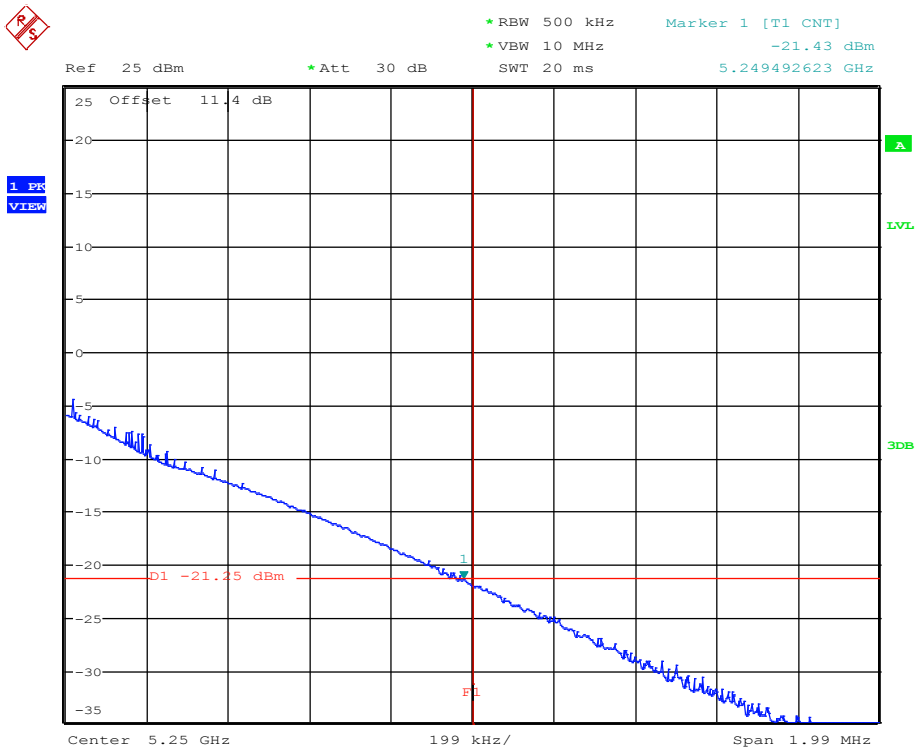


Plot 38: 99% OBW-U-NII-1 Band-B.W. 40 MHz-Ch 5190 MHz- Port 1

1.3.1.5. 26dBc B.W.-Channel 5230 MHz- Port 0

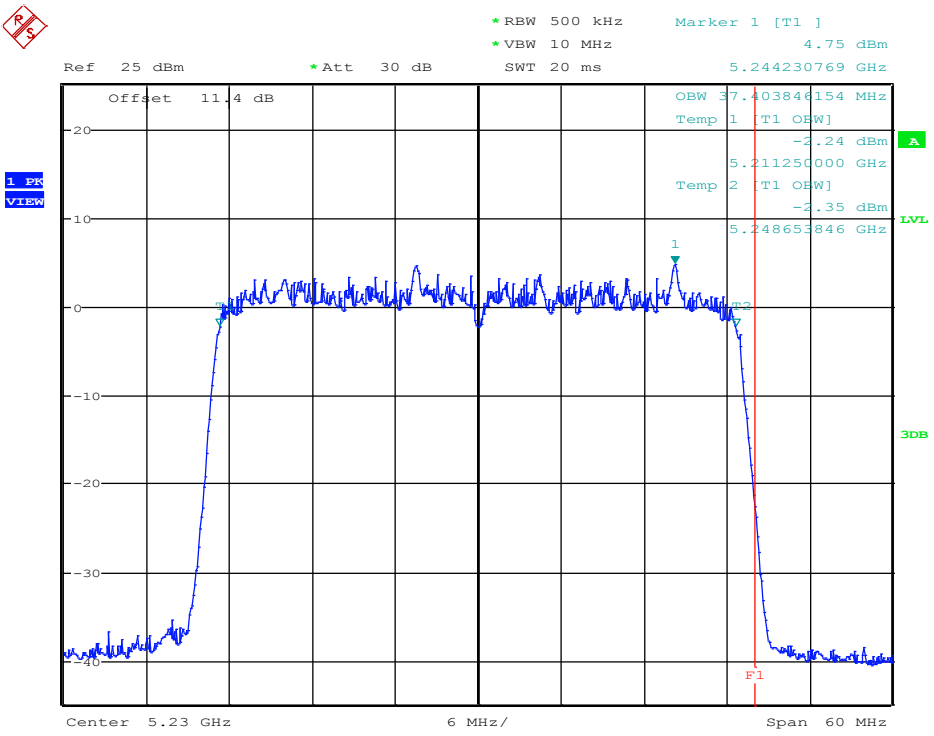


Plot 39: 26dBc B.W-U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Port 0



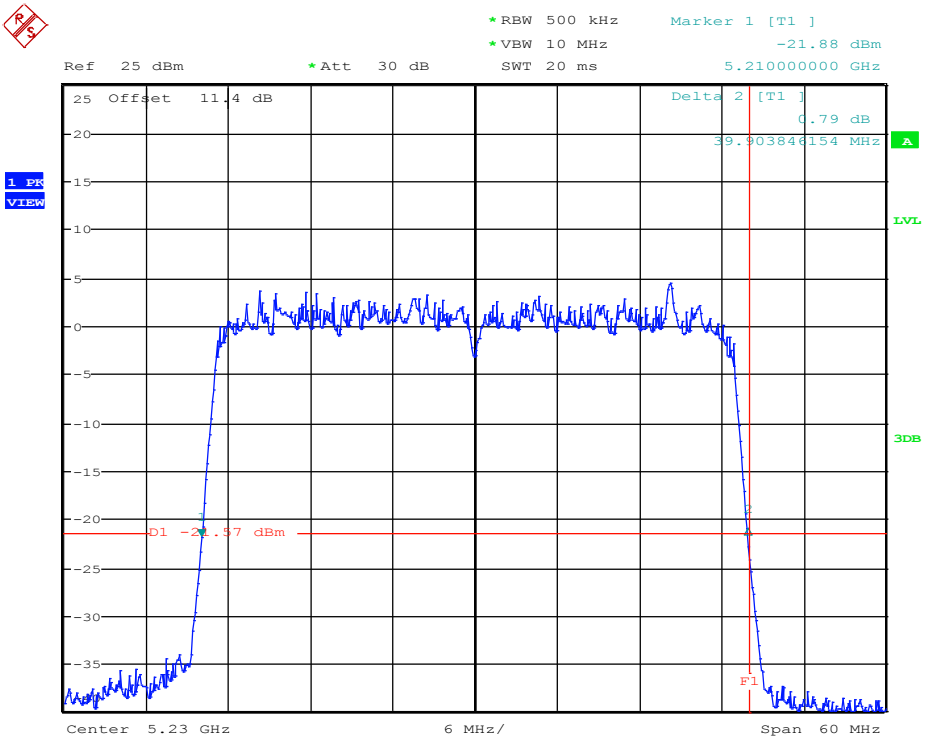
Plot 40: 26dBc B.W-U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Port 0-Frequency Counter Mode

1.3.1.6. 99% OBW-Channel 5230 MHz- Port 0

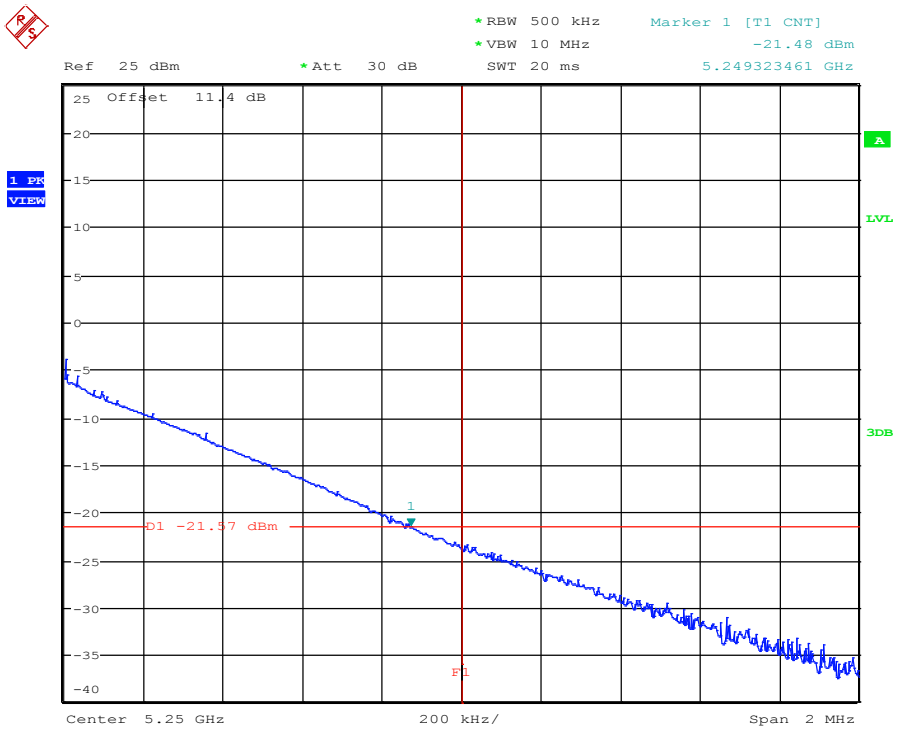


Plot 41: 99% OBW-U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Port 0

1.3.1.7. 26dBc B.W.-Channel 5230 MHz- Port 1

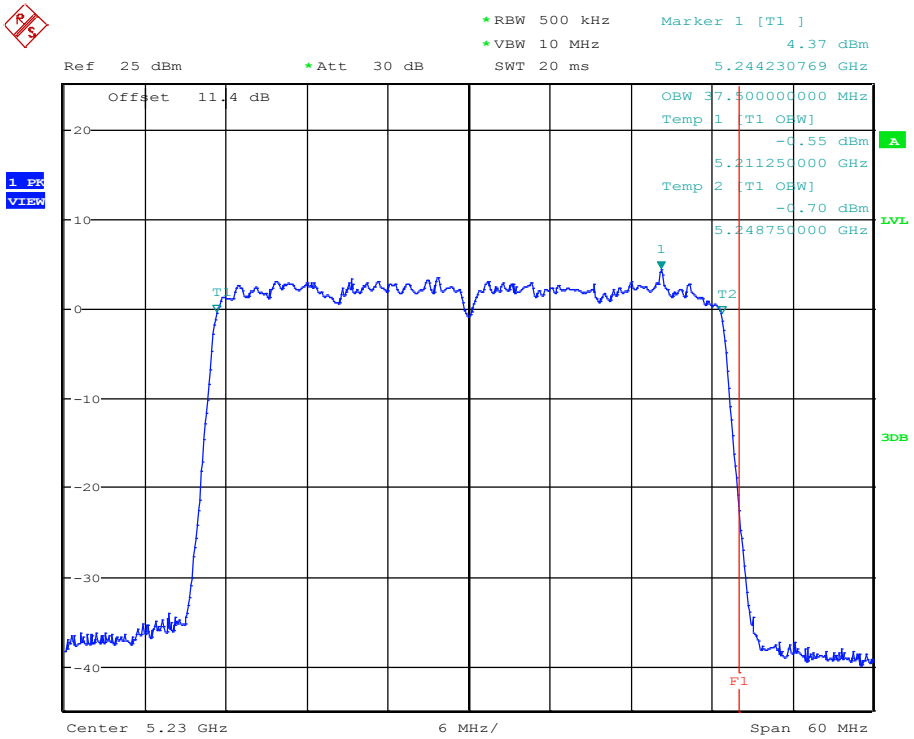


Plot 42: 26dBc B.W-U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Port 1



Plot 43: 26dBc B.W-U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Port 1-Frequency Counter Mode

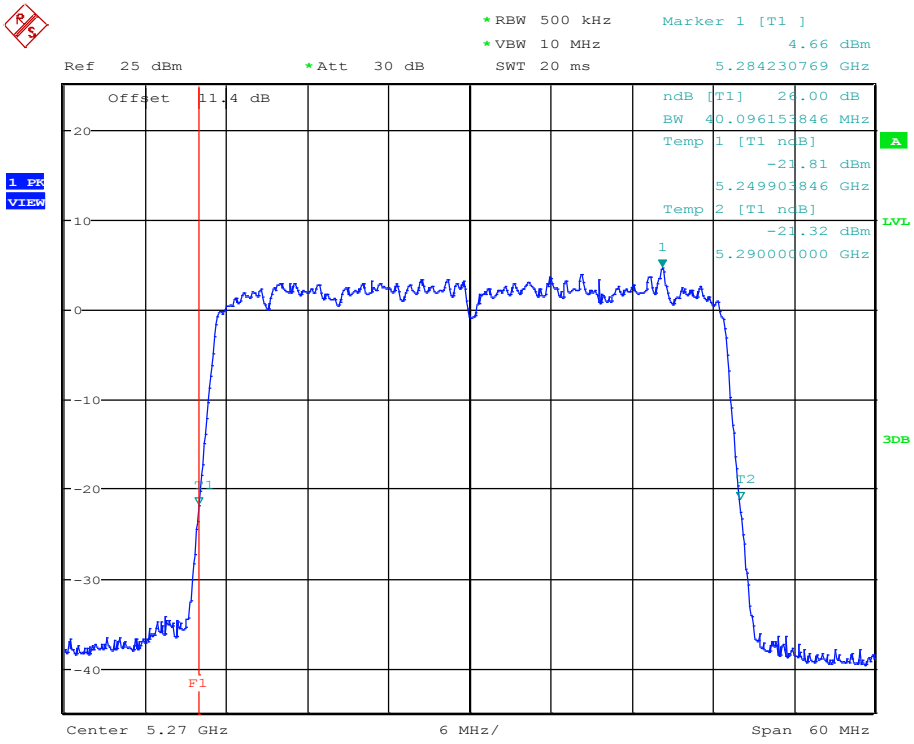
1.3.1.8. 99% OBW-Channel 5230 MHz- Port 1



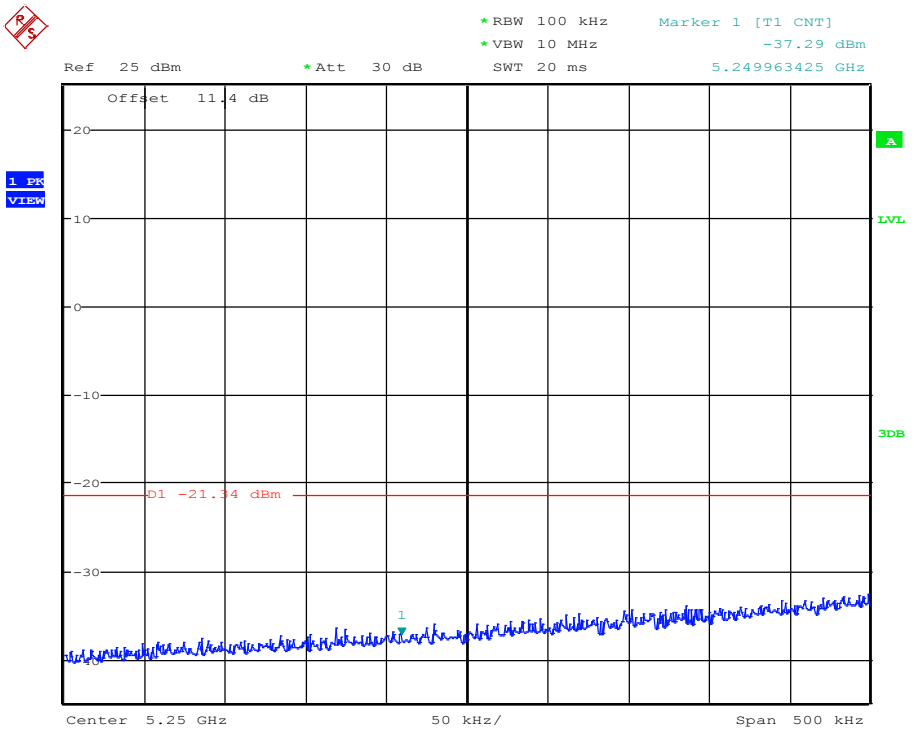
Plot 44: 99% OBW-U-NII-1 Band-B.W. 40 MHz-Ch 5230 MHz- Port 1

1.3.2. U-NII-2A Band

1.3.2.1. 26dBc B.W.-Channel 5270 MHz- Port 0



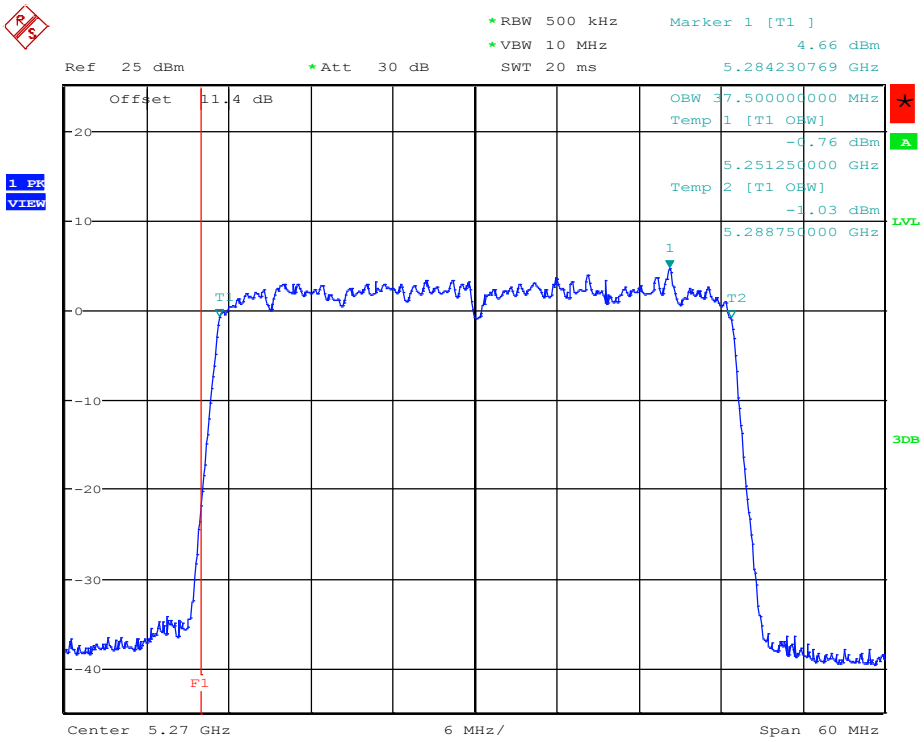
Plot 45: 26dBc B.W-U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz- Port 0



Plot 46: 26dBc B.W-U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz- Port 0 Frequency Counter Mode

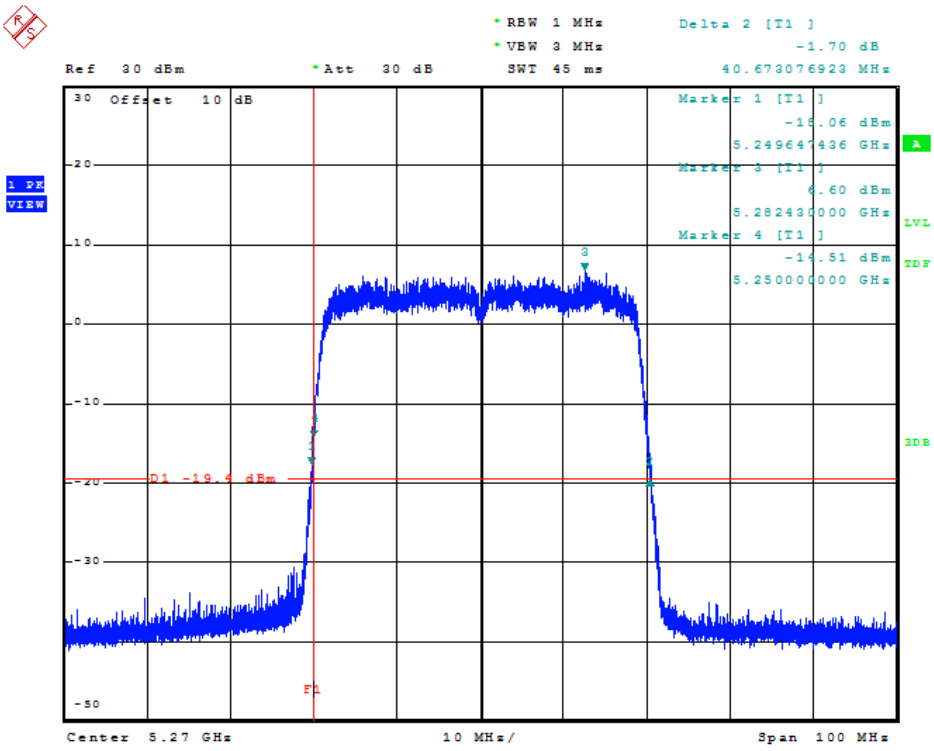
[26dBc point falls within 5150-5250MHZ -> no requirement for DFS or
spurious emission in the UN-II-1 band (99% OBW falls in 5250-5350 MHZ band)]

1.3.2.2. 99% OBW-Channel 5270 MHz- Port 0



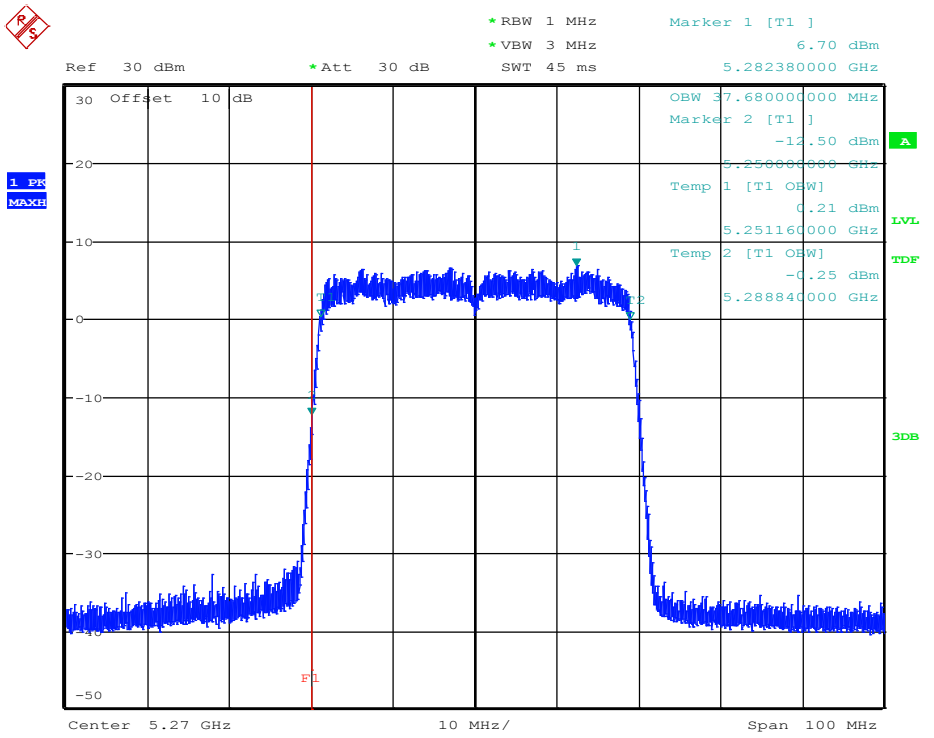
Plot 47: 99% OBW-U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz- Port 0

1.3.2.3. 26dBc B.W.-Channel 5270 MHz- Port 1



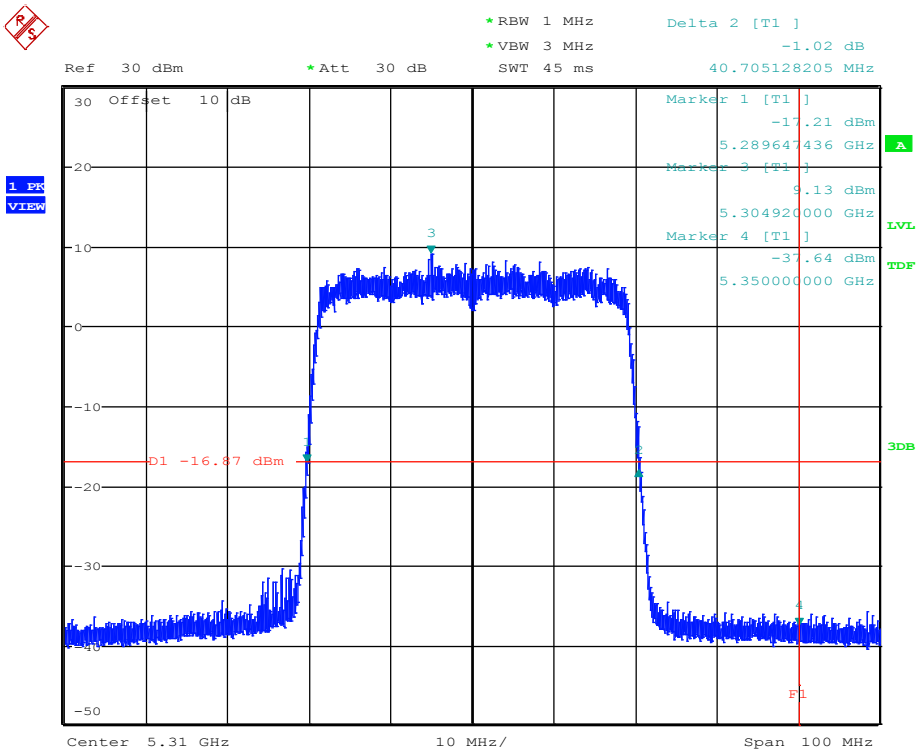
Plot 48: 26dBc B.W-U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz- Port 1

1.3.2.4. 99% OBW-Channel 5270 MHz- Port 1



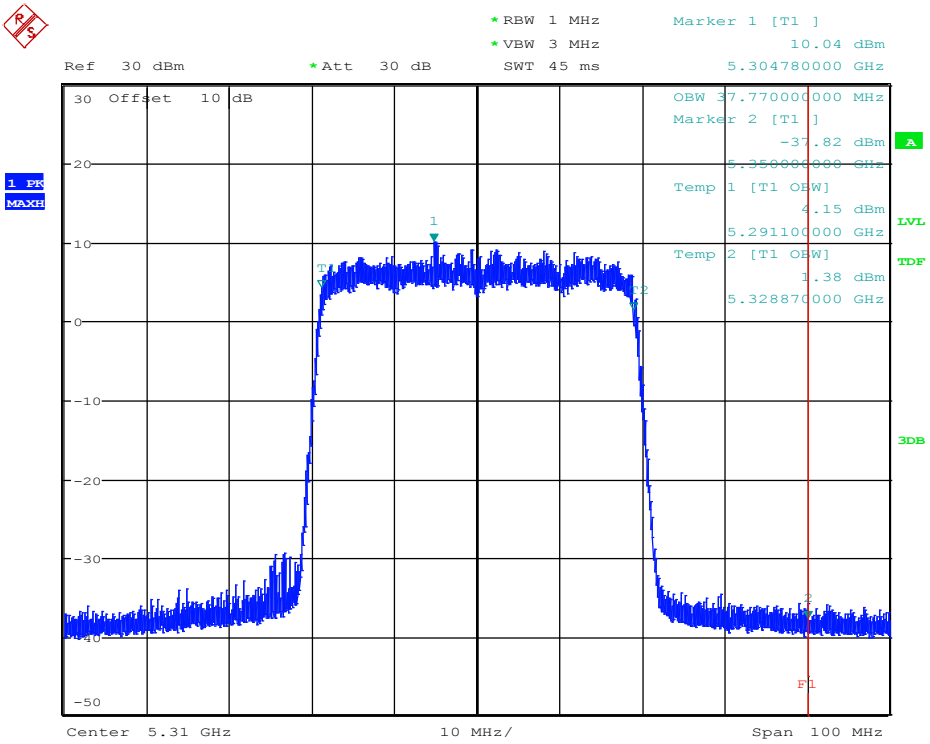
Plot 49: 99% OBW-U-NII-2A Band-B.W. 40 MHz-Ch 5270 MHz- Port 1

1.3.2.5. 26dBc B.W.-Channel 5310 MHz- Port 0



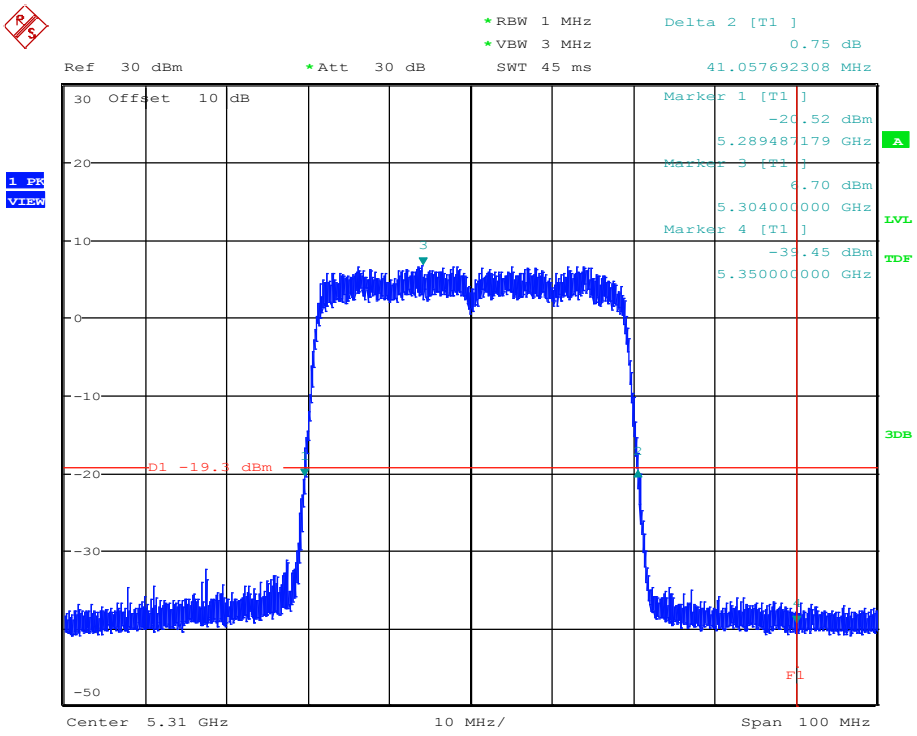
Plot 50: 26dBc B.W-U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz- Port 0

1.3.2.6. 99% OBW-Channel 5310 MHz- Port 0



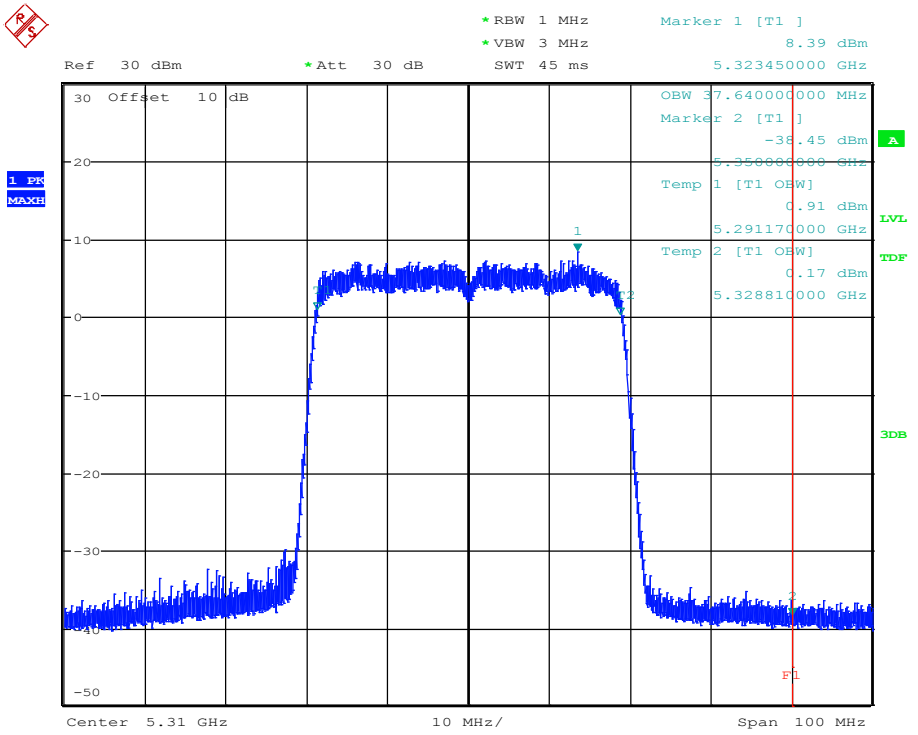
Plot 51: 99% OBW-U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz- Port 0

1.3.2.7. 26dBc B.W.-Channel 5310 MHz- Port 1



Plot 52: 26dBc B.W-U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz- Port 1

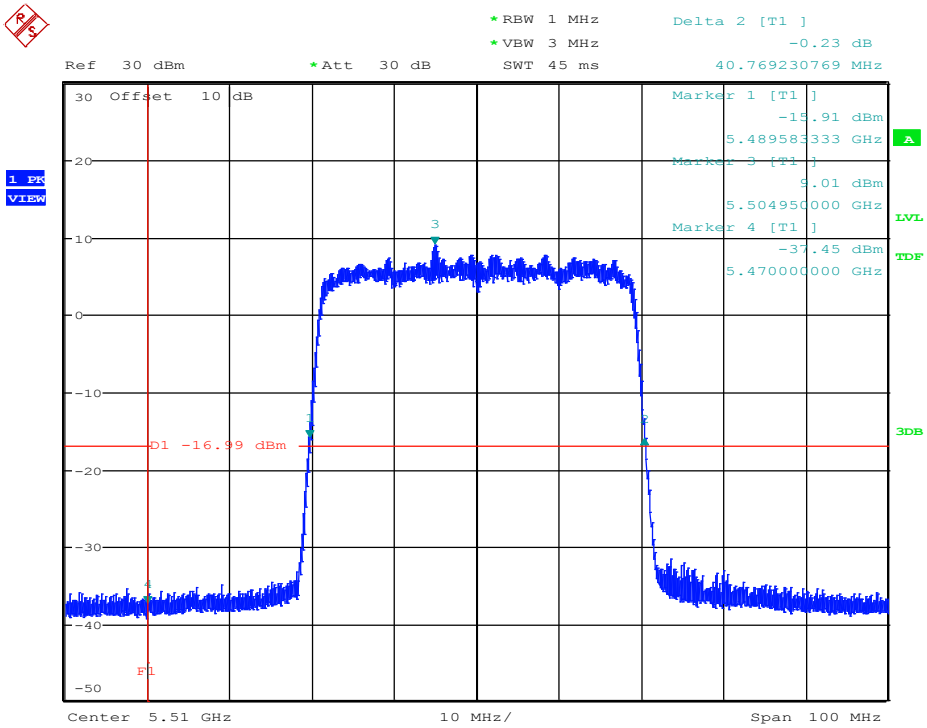
1.3.2.8. 99% OBW-Channel 5310 MHz- Port 1



Plot 53: 99% OBW-U-NII-2A Band-B.W. 40 MHz-Ch 5310 MHz- Port 1

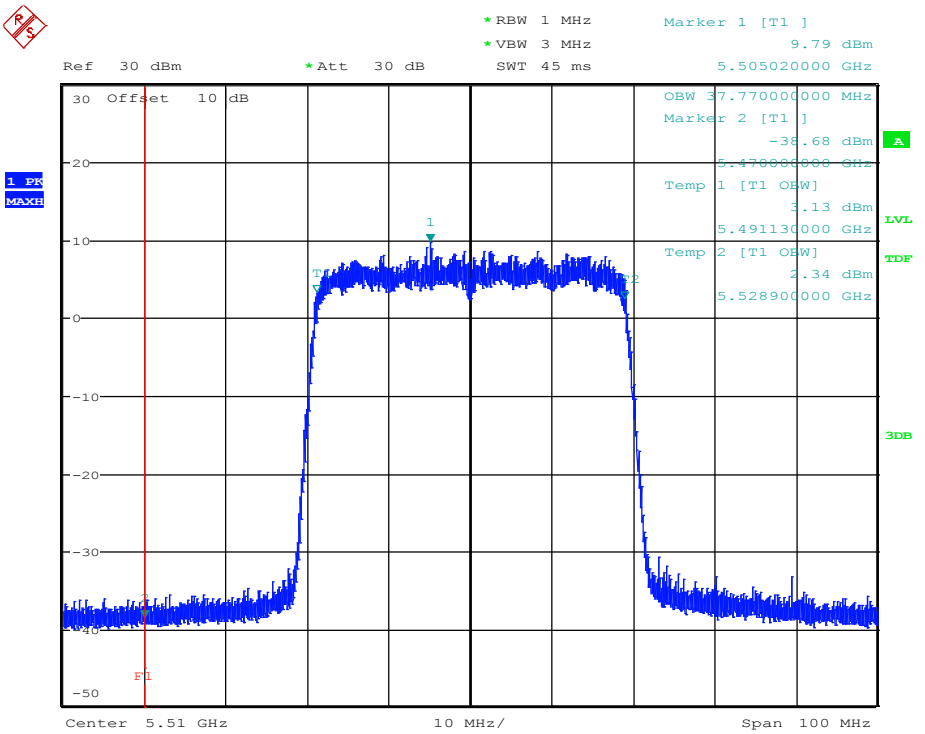
1.3.3. U-NII-2C Band

1.3.3.1. 26dBc B.W.-Channel 5510 MHz- Port 0



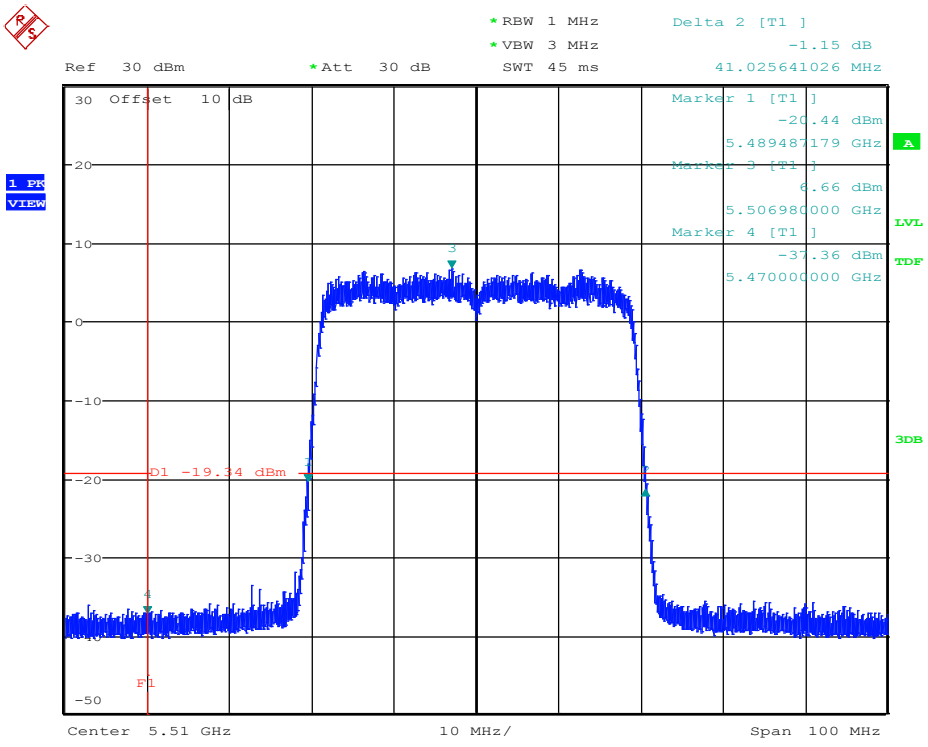
Plot 54: 26dBc B.W-U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz- Port 0

1.3.3.2. 99% OBW-Channel 5510 MHz- Port 0



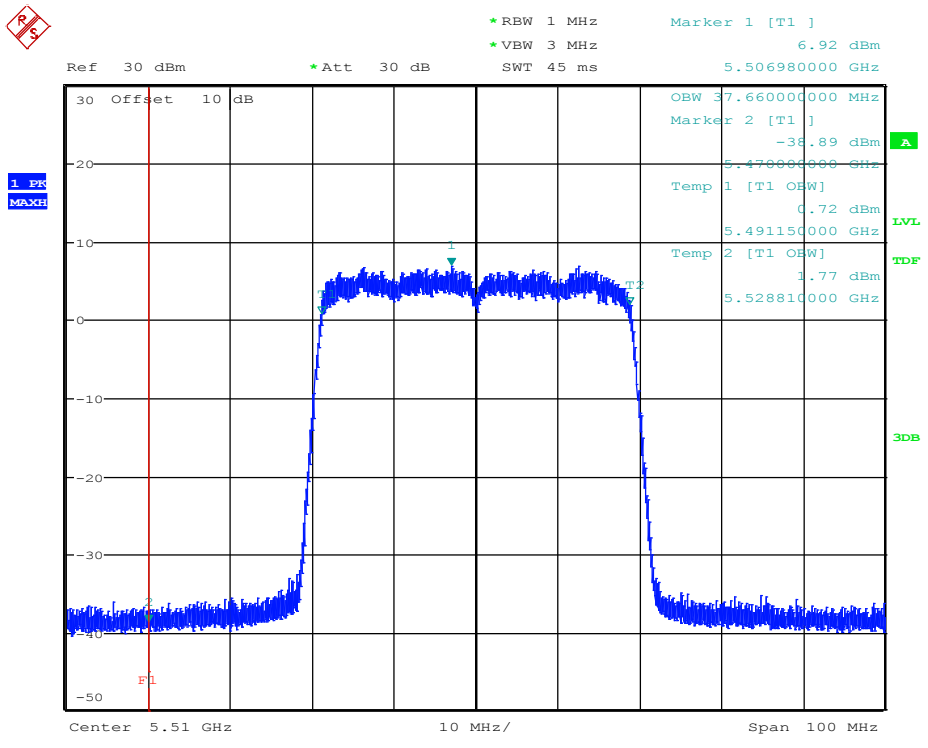
Plot 55: 99% OBW-U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz- Port 0

1.3.3.3. 26dBc B.W.-Channel 5510 MHz- Port 1



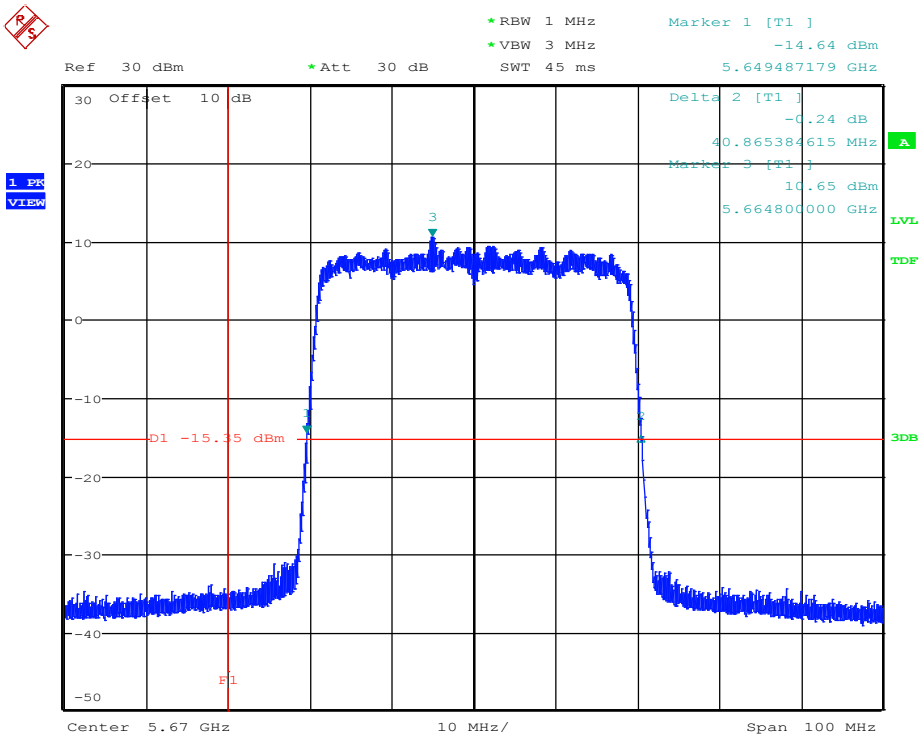
Plot 56: 26dBc B.W-U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz- Port 0

1.3.3.4. 99% OBW-Channel 5510 MHz- Port 1



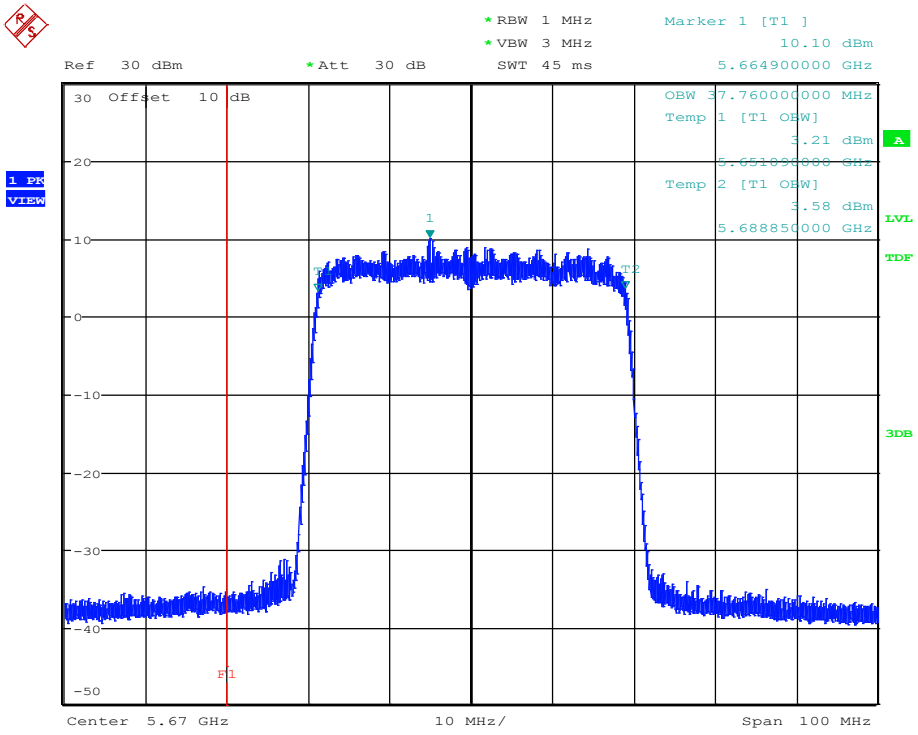
Plot 57: 99% OBW-U-NII-2C Band-B.W. 40 MHz-Ch 5510 MHz- Port 1

1.3.3.5. 26dBc B.W.-Channel 5670 MHz- Port 0



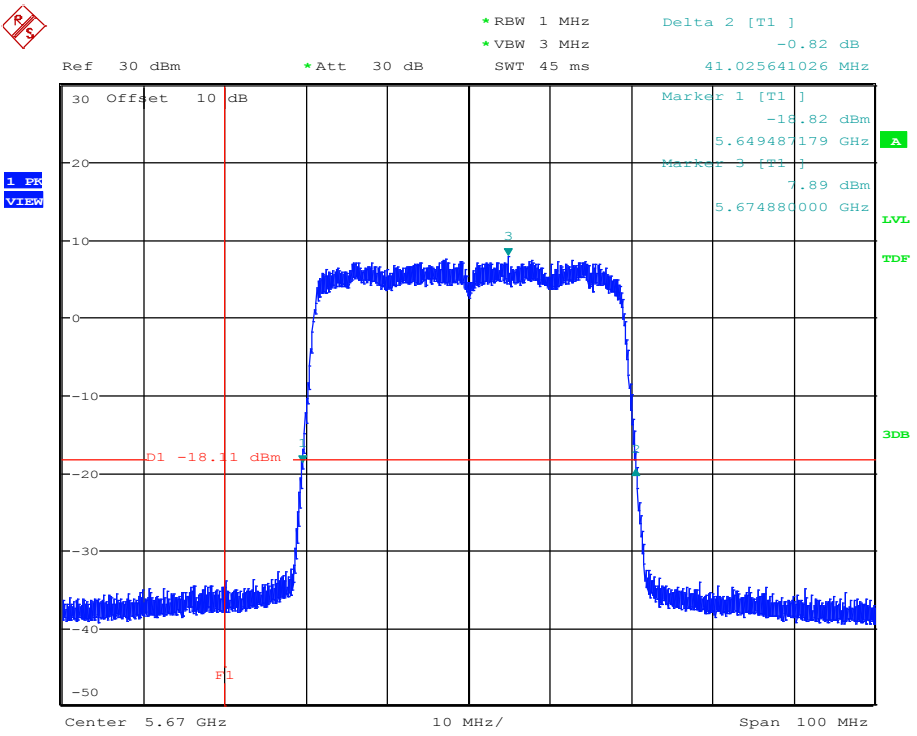
Plot 58: 26dBc B.W-U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz- Port 0

1.3.3.6. 99% OBW-Channel 5670 MHz- Port 0



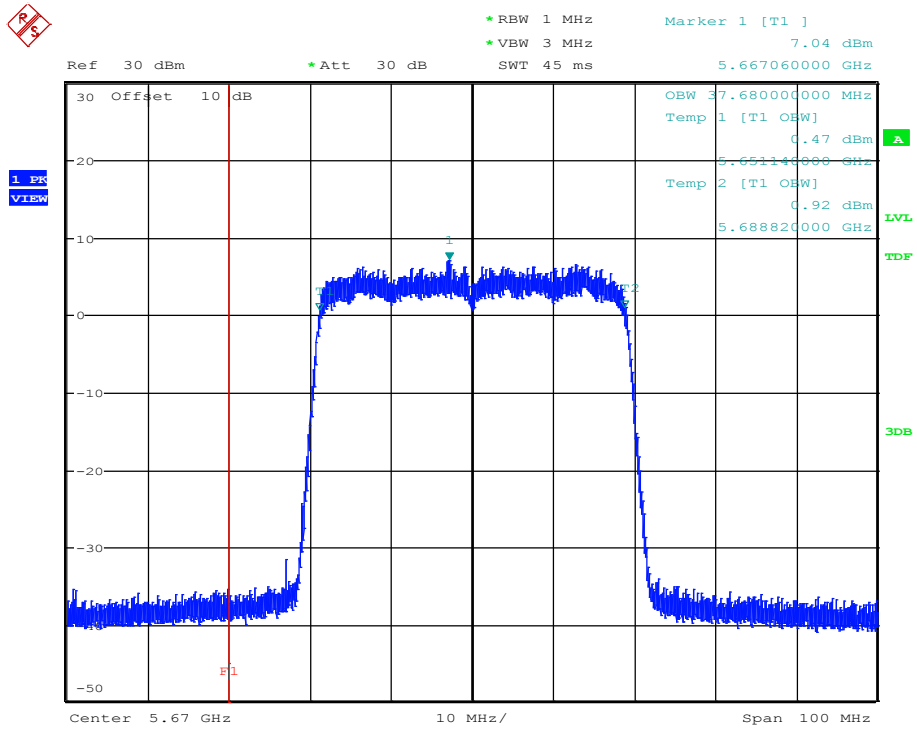
Plot 59: 99% OBW-U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz- Port 0

1.3.3.7. 26dBc B.W.-Channel 5670 MHz- Port 1



Plot 60: 26dBc B.W-U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz- Port 1

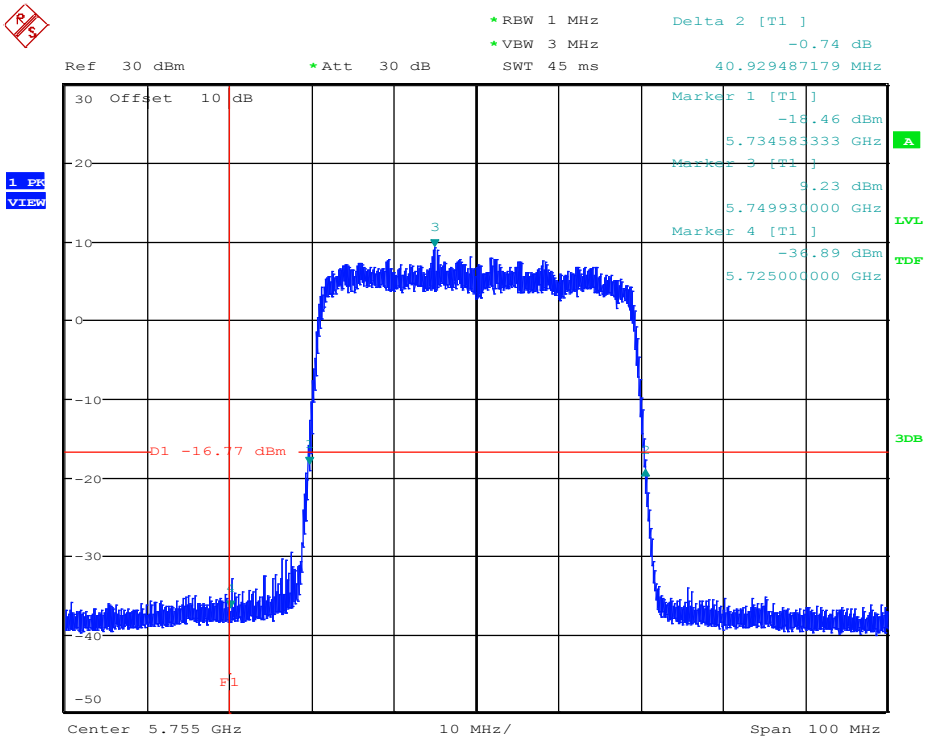
1.3.3.8. 99% OBW-Channel 5670 MHz- Port 1



Plot 61: 99% OBW-U-NII-2C Band-B.W. 40 MHz-Ch 5670 MHz- Port 1

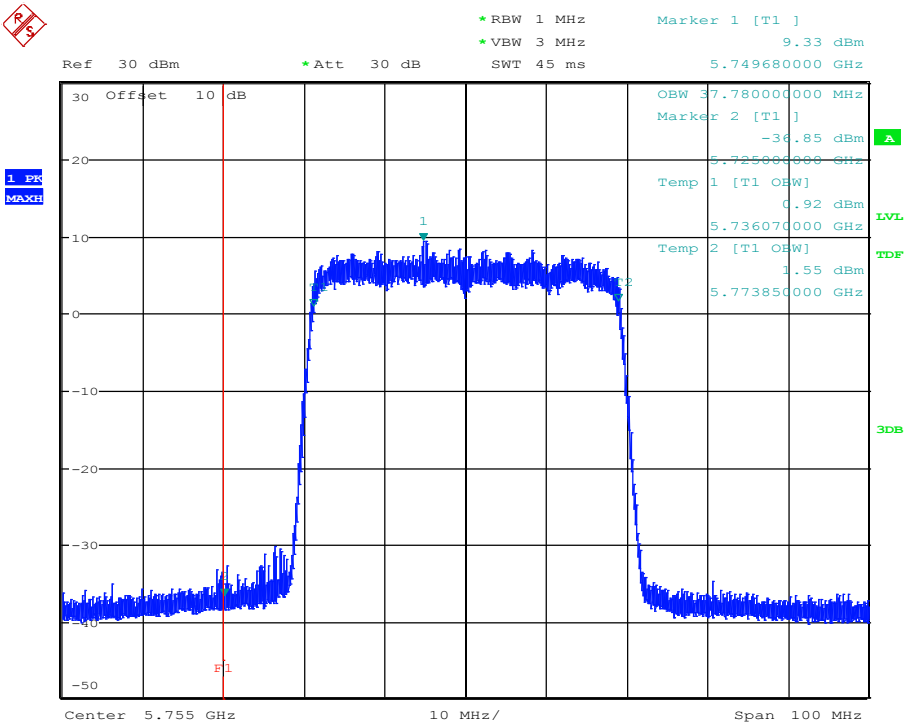
1.3.4. U-NII-3 Band

1.3.4.1. 26dBc B.W.-Channel 5755 MHz- Port 0



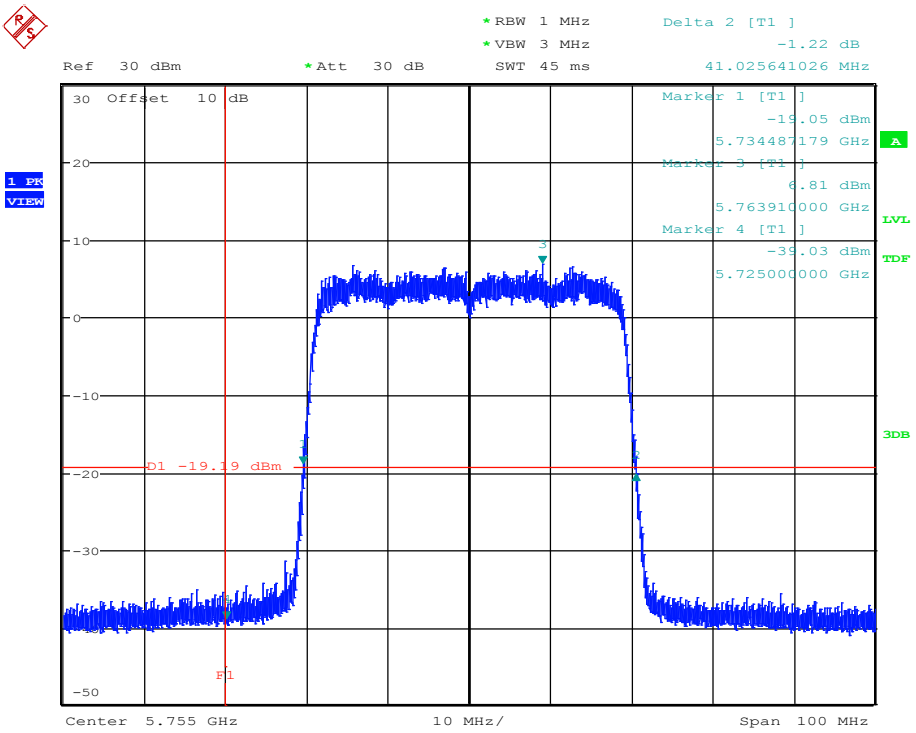
Plot 62: 26dBc B.W-U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz- Port 0

1.3.4.2. 99% OBW-Channel 5755 MHz- Port 0



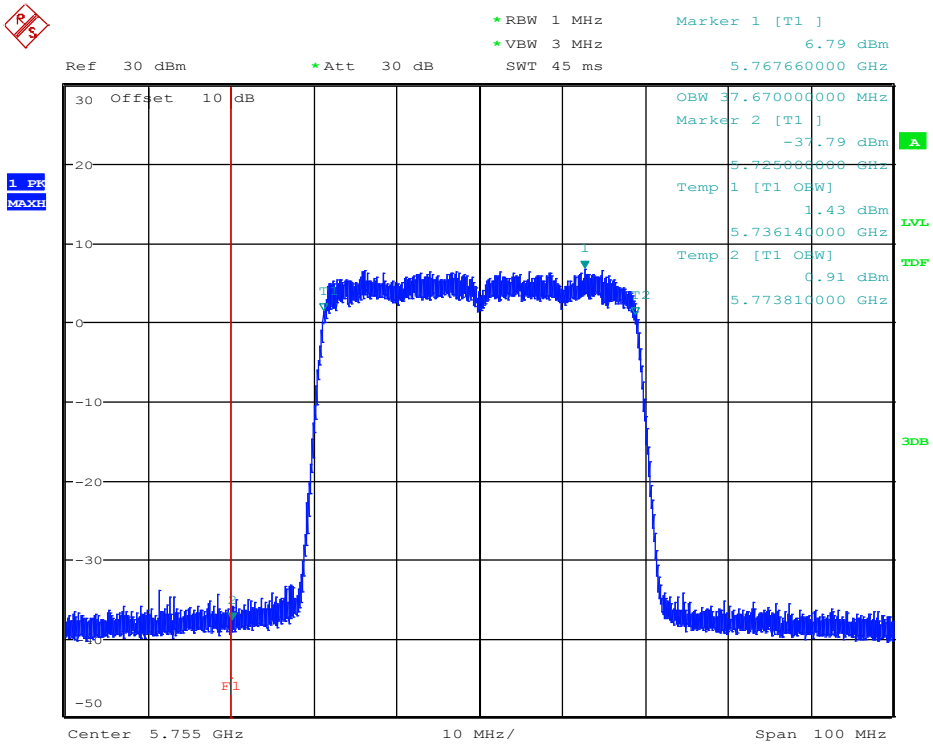
Plot 63: 99% OBW-U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz- Port 0

1.3.4.3. 26dBc B.W.-Channel 5755 MHz- Port 1



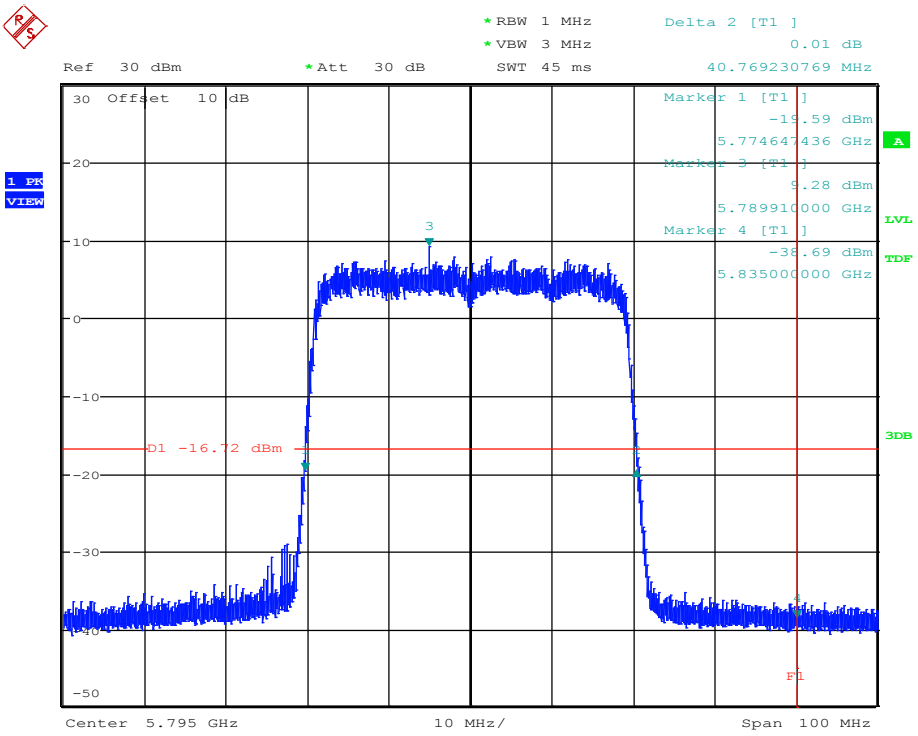
Plot 64: 26dBc B.W-U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz- Port 1

1.3.4.4. 99% OBW-Channel 5755 MHz- Port 1



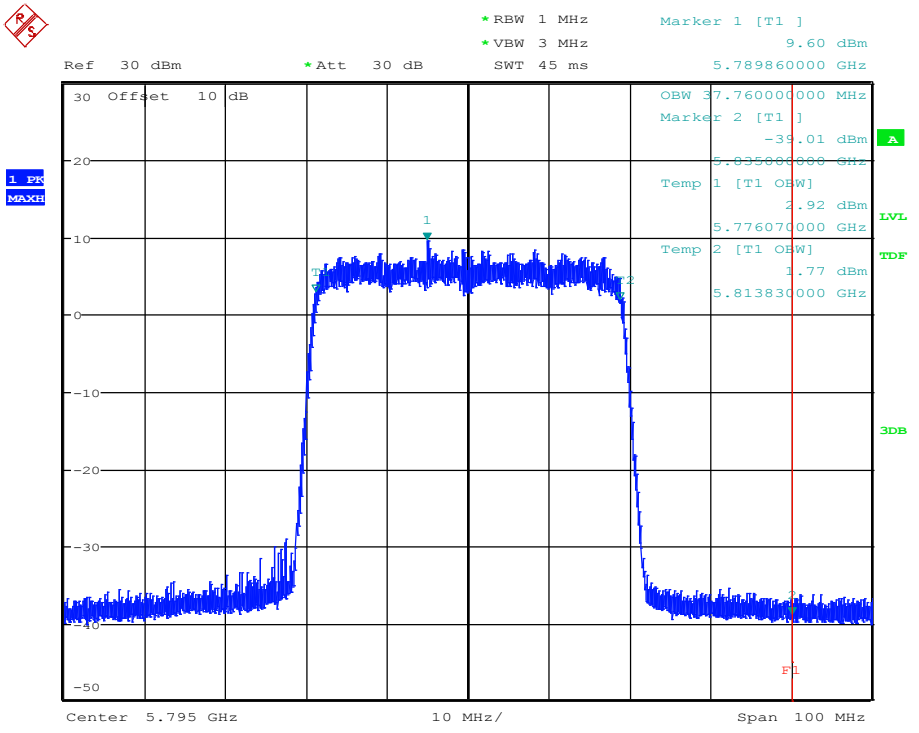
Plot 65: 99% OBW-U-NII-3 Band-B.W. 40 MHz-Ch 5755 MHz- Port 1

1.3.4.5. 26dBc B.W.-Channel 5795 MHz- Port 0



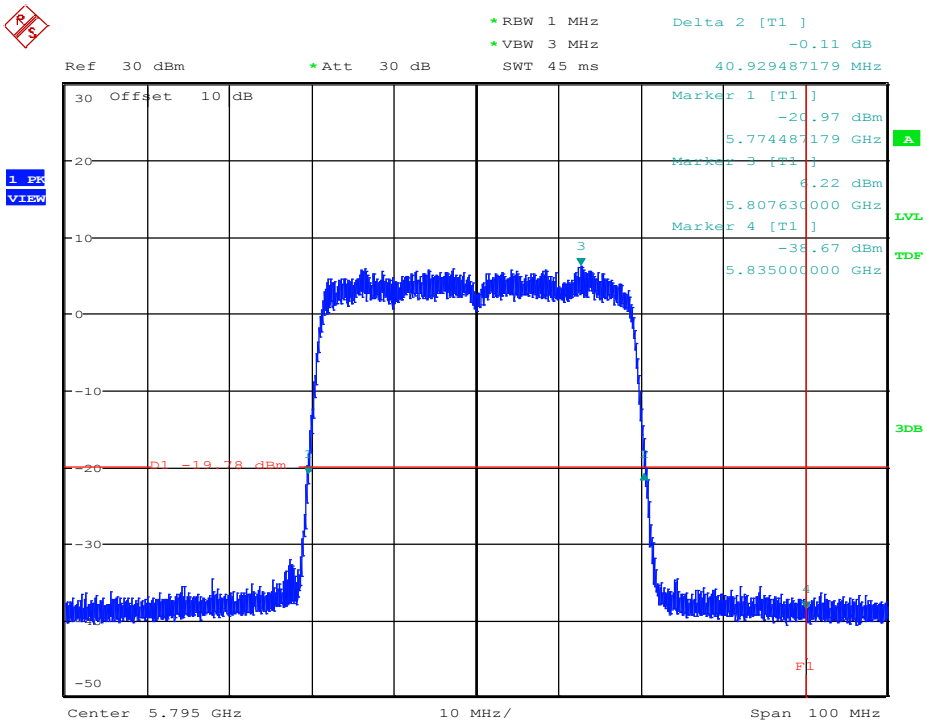
Plot 66: 26dBc B.W-U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz- Port 0

1.3.4.6. 99% OBW-Channel 5795 MHz- Port 0



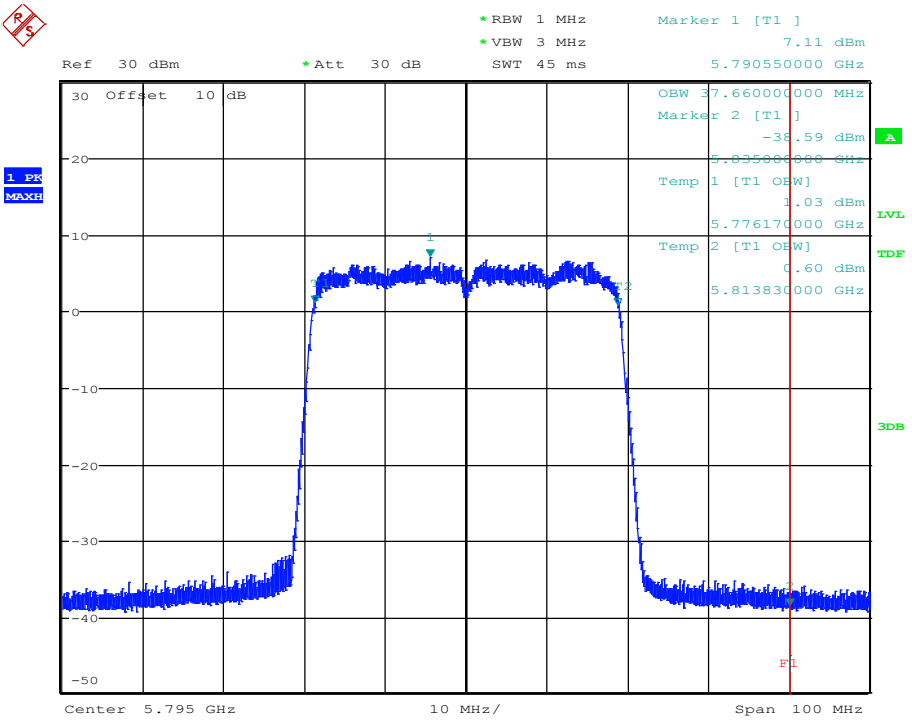
Plot 67: 99% OBW-U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz- Port 0

1.3.4.7. 26dBc B.W.-Channel 5795 MHz- Port 1



Plot 68: 26dBc B.W-U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz- Port 1

1.3.4.8. 99% OBW-Channel 5795 MHz- Port 1



Plot 69: 99% OBW-U-NII-3 Band-B.W. 40 MHz-Ch 5795 MHz- Port 1

2. Radiated Field Strength Measurements

2.1. Radiated Field Strength Emissions – 9 kHz to 30 MHz

2.01_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5190 MHz-+10dBm

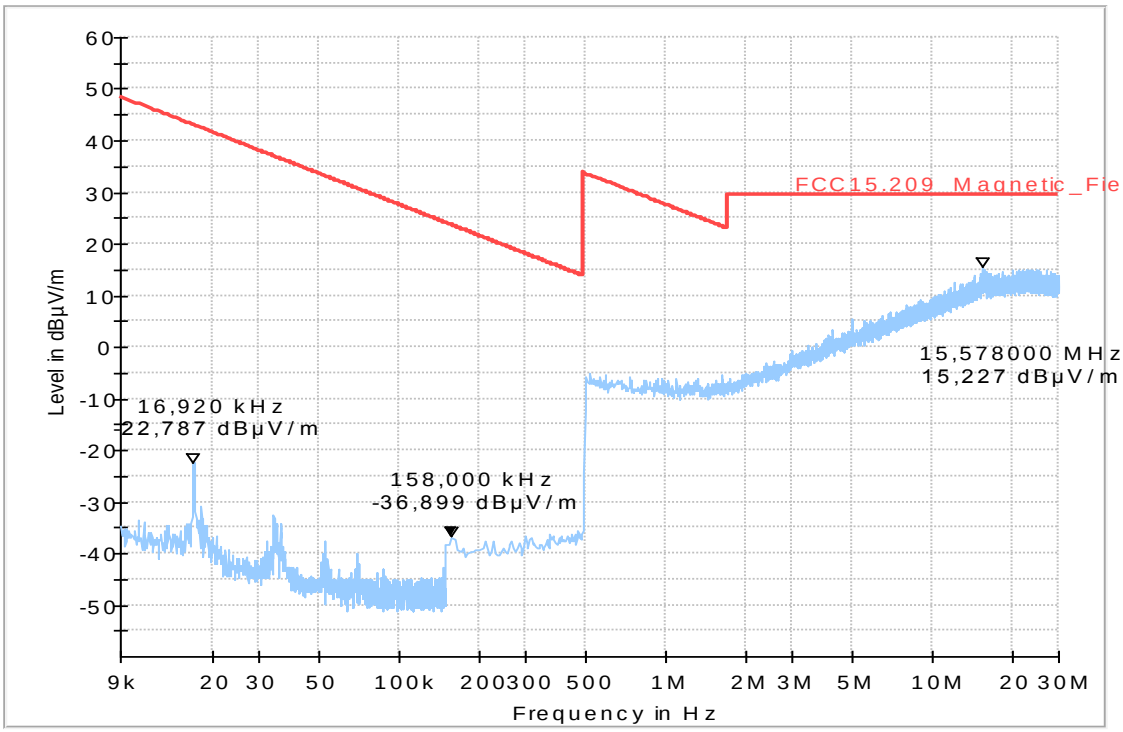
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RIs
Operating conditions:	U-NII-1 | BW 40 MHz |5190 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.02_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5230 MHz-+10dBm

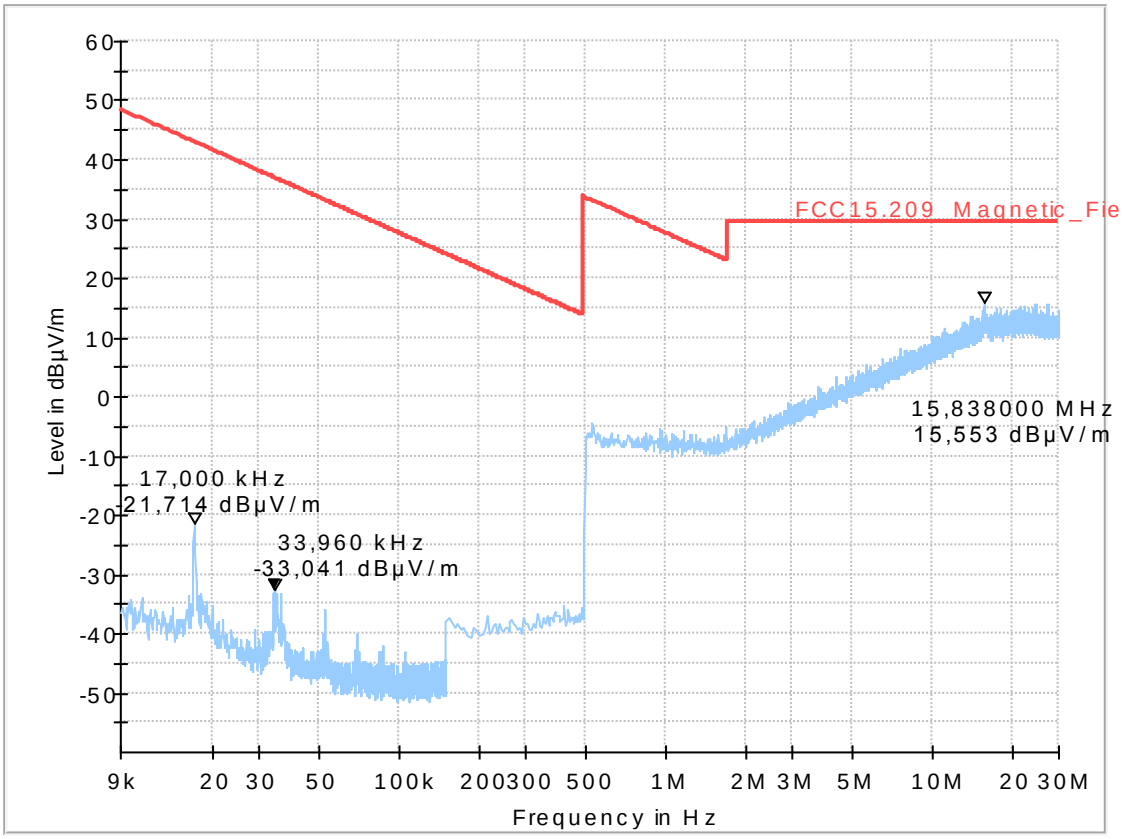
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RIs
Operating conditions:	U-NII-1 | BW 40 MHz |5230 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.03_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5270 MHz-+10dBm

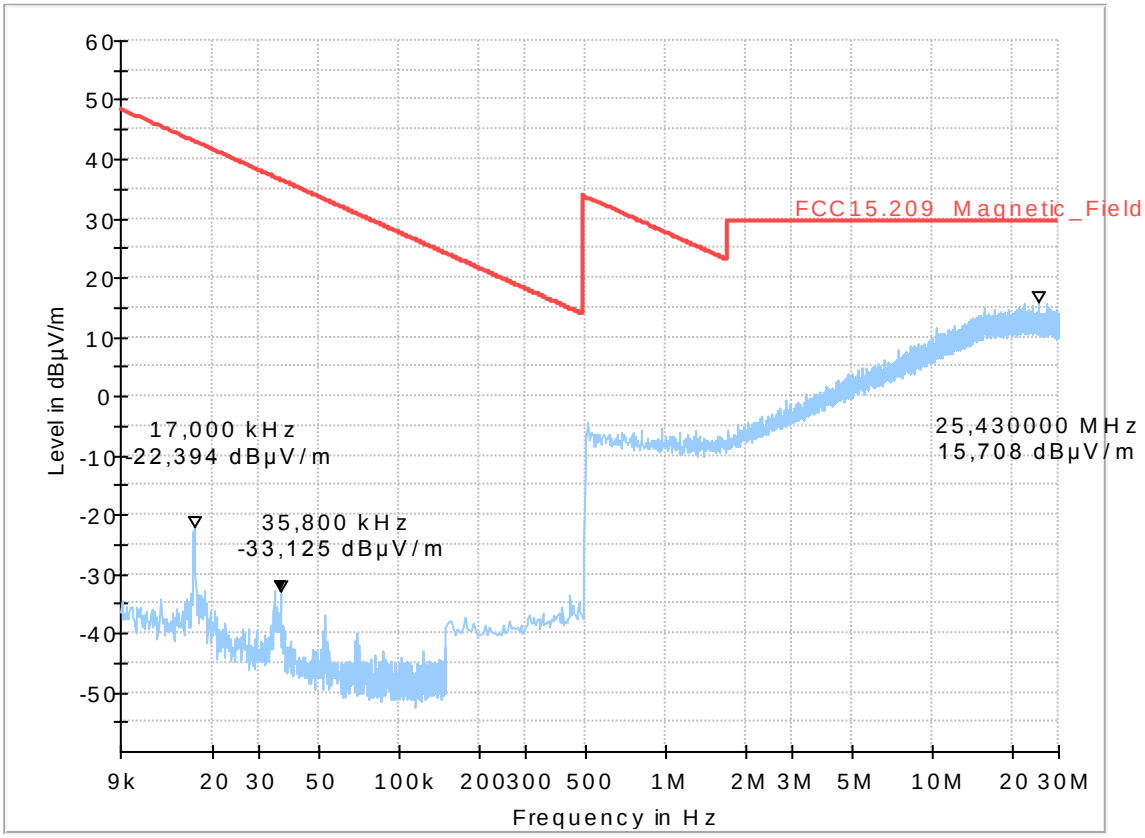
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	RIs
Operating conditions:	U-NII-1 | BW 40 MHz |5270 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.04_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5310 MHz-+10dBm

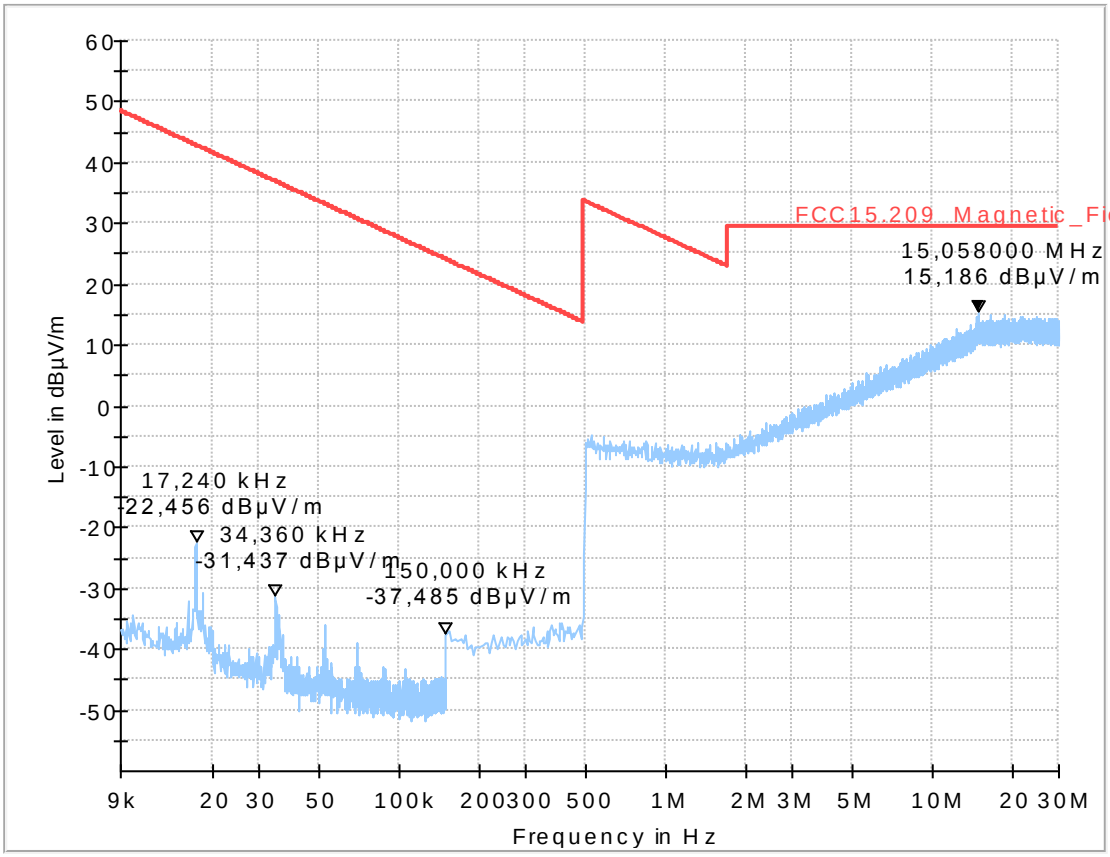
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2A | BW 40 MHz |5310 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.05_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5510 MHz-+10dBm

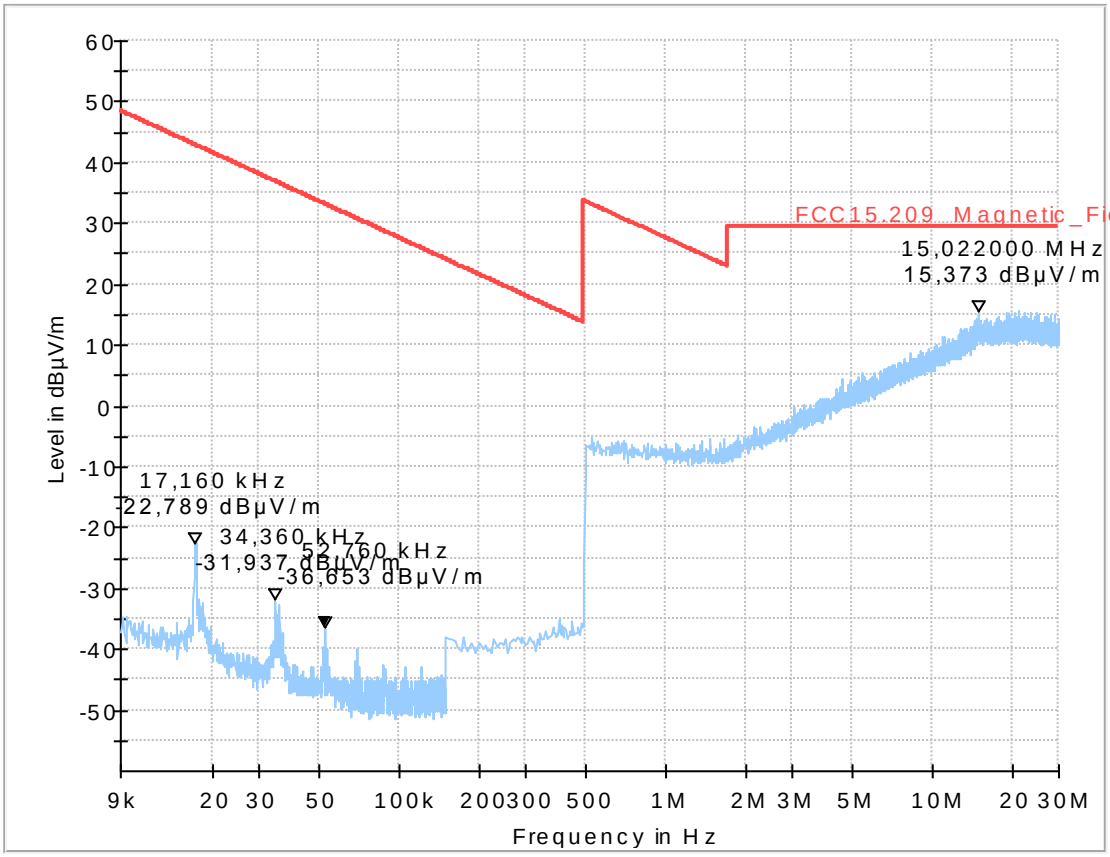
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2C | BW 40 MHz |5510 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.06_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5590 MHz-+10dBm

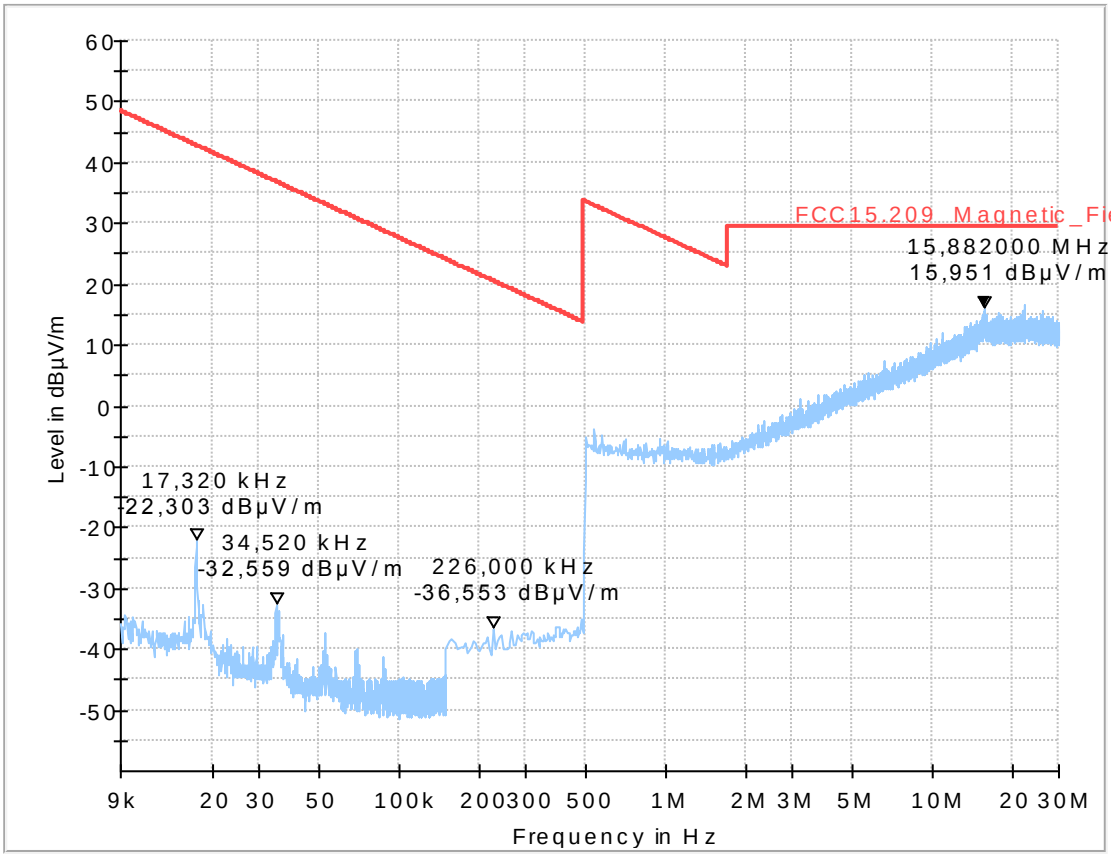
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2C | BW 40 MHz |5590 MHz| Fixed Chanel
Power during tests:	5V DC

EUT EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.07_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5670 MHz-+10dBm

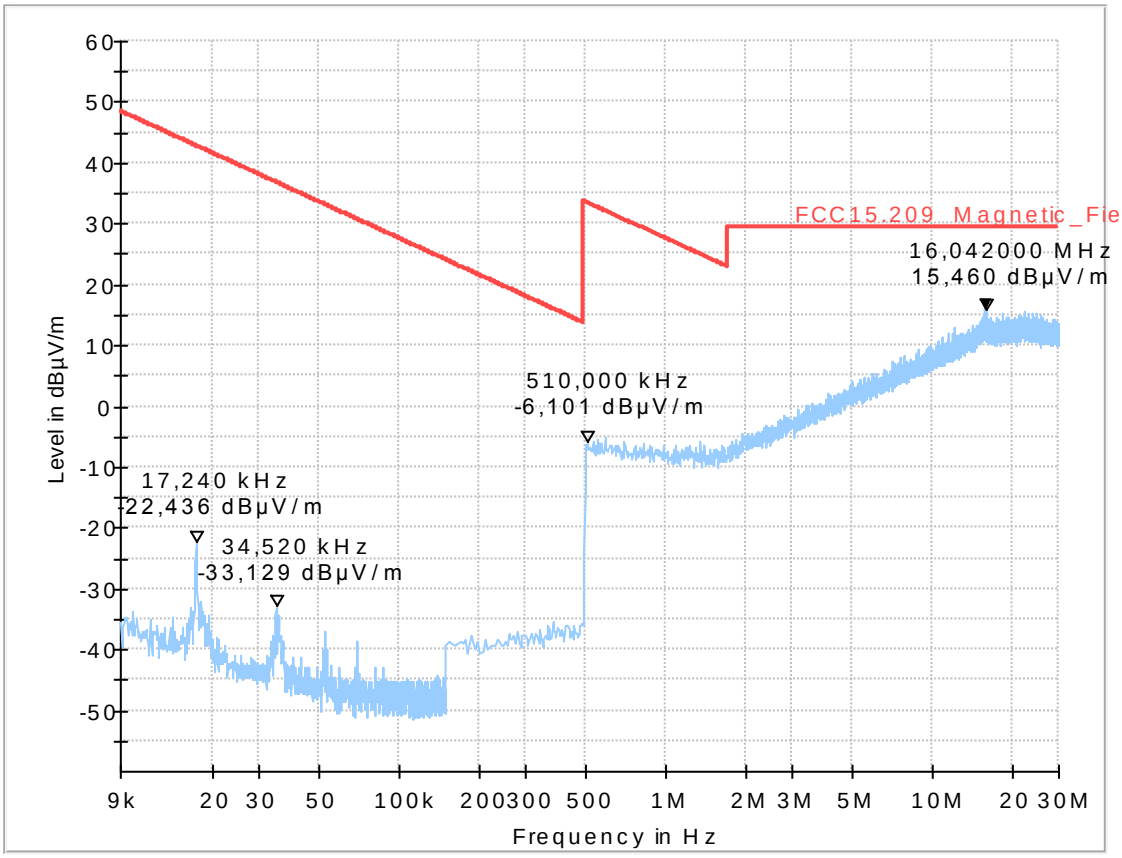
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2C | BW 40 MHz |5670 MHz| Fixed Chanel
Power during tests:	5V DC

EUT EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.08_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5755 MHz-+10dBm

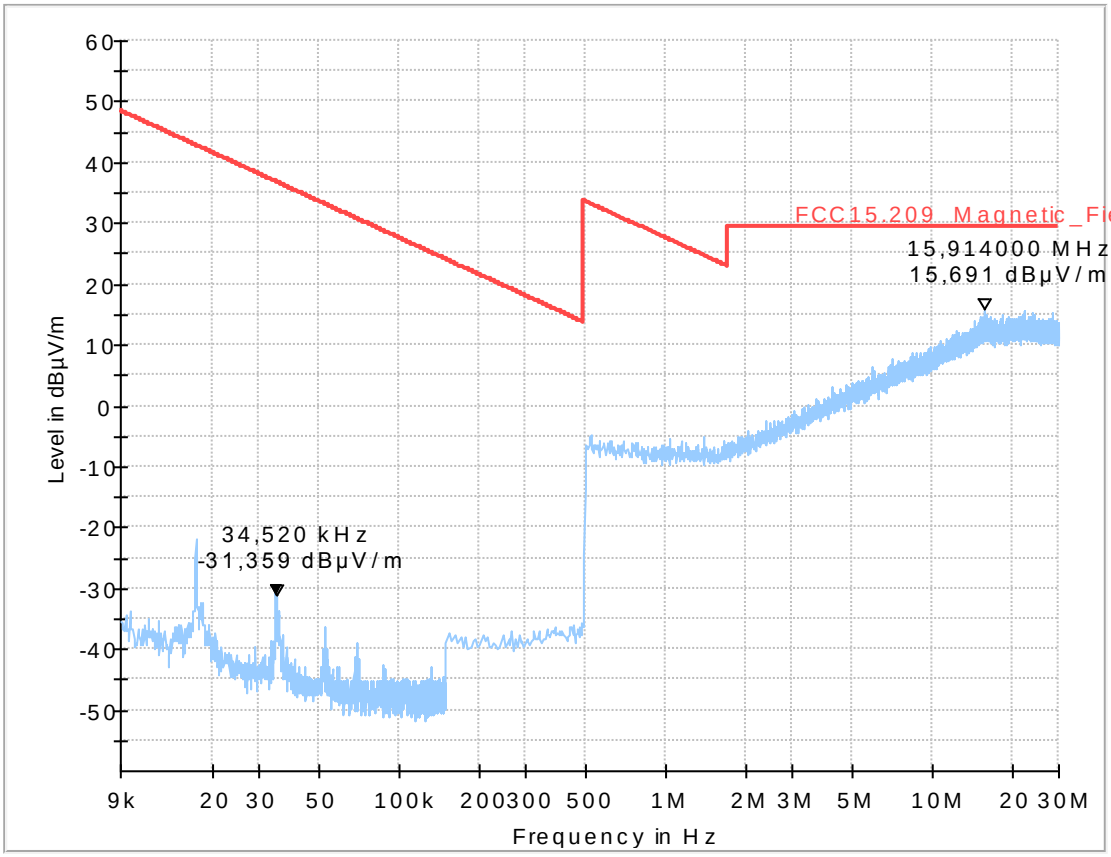
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-3 | BW 40 MHz |5755 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.09_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5795 MHz-+10dBm

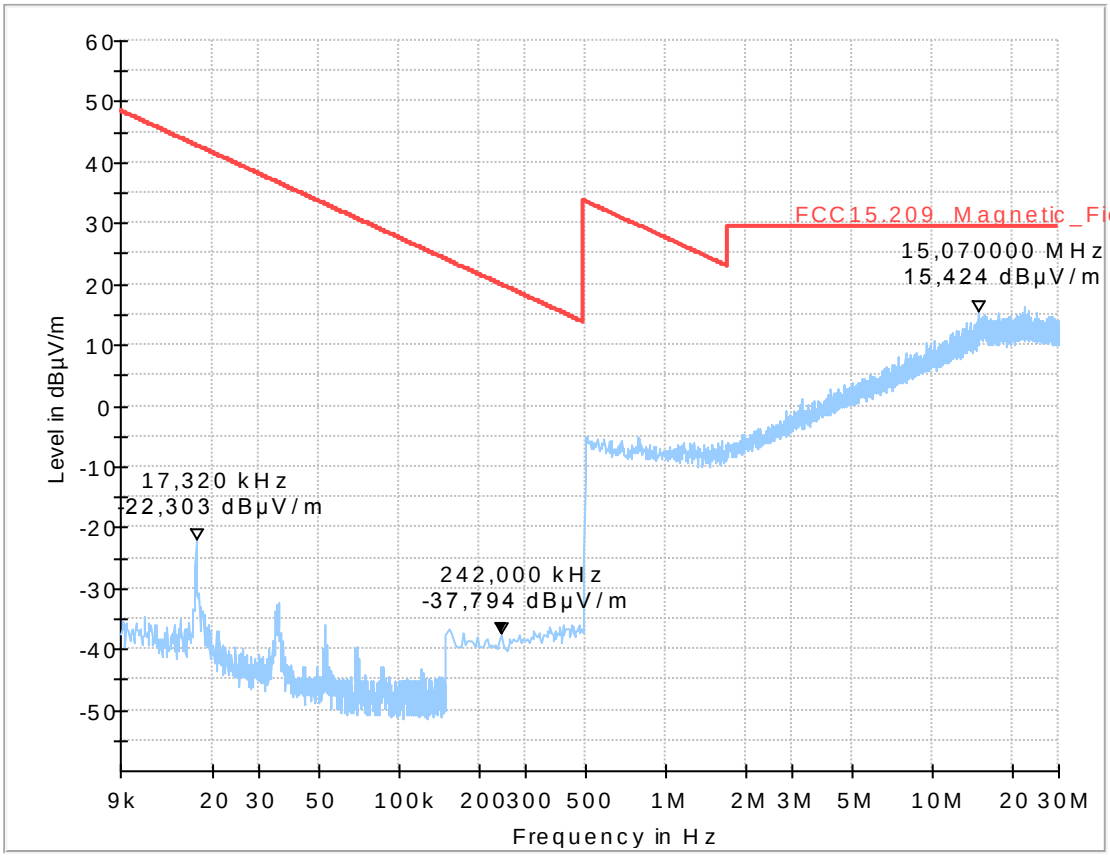
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test specification:	FCC 15.205 § 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-3 | BW 40 MHz |5795 MHz| Fixed Chanel
Power during tests:	5V DC

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.2. Radiated Field Strength Emissions – 30 MHz to 1 GHz

3.01_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5190 MHz-+10dBm

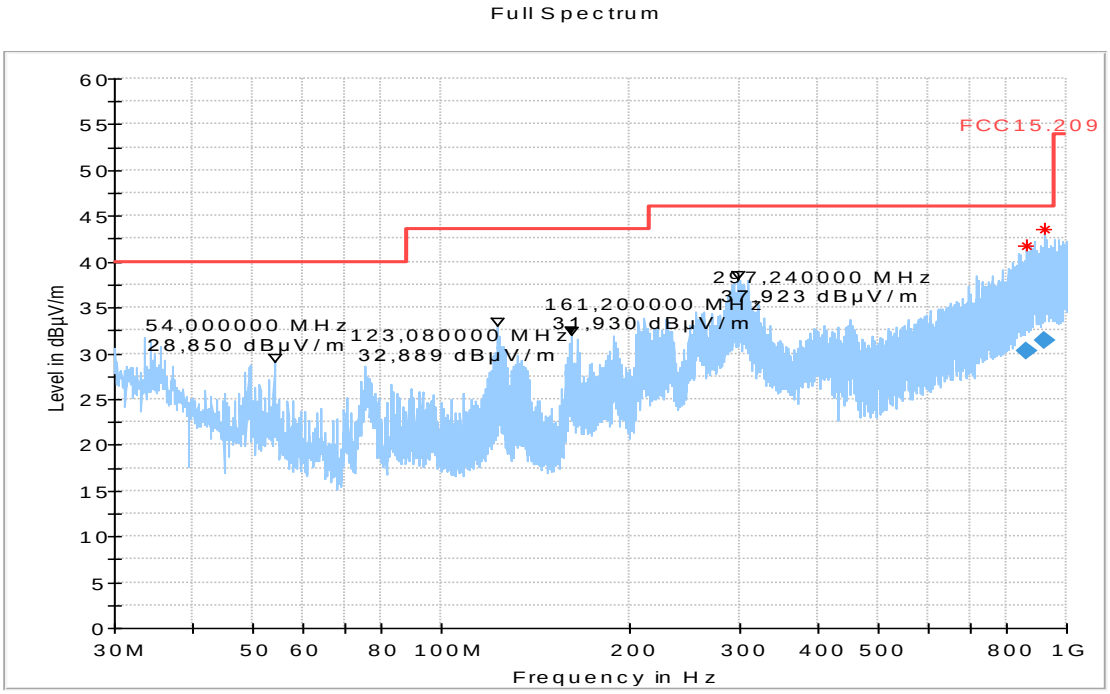
Common Information

14.02.2017 Page 1 of 2

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	YSa
Operating conditions:	TX, continuous U-NII-1 | BW 40 MHz |5190 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
862.764000	30.24	46.00	15.76	1000.0	120.000	145.0	H	314.0	90.0	25.8
923.996000	31.46	46.00	14.54	1000.0	120.000	105.0	H	204.0	90.0	27.1

3.02_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5230 MHz-+10dBm

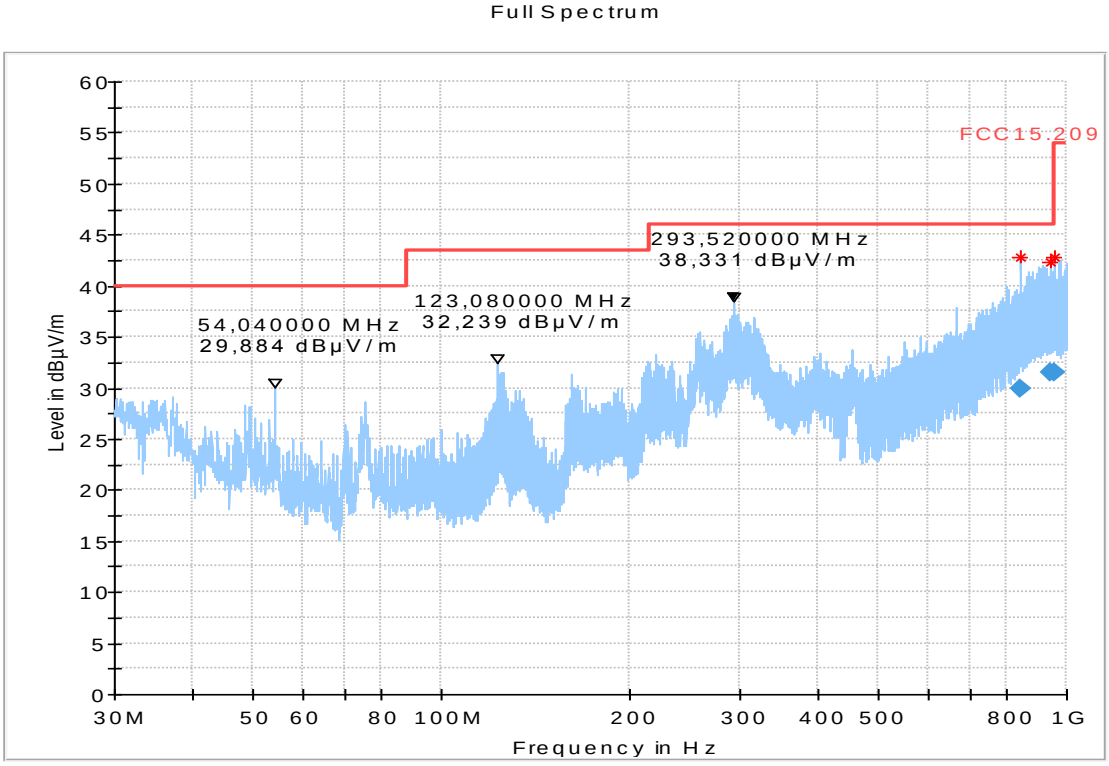
Common Information

14.02.2017 Page 1 of 2

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	YSa
Operating conditions:	U-NII-1 | BW 40 MHz |5230 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
843.148000	29.91	46.00	16.09	1000.0	120.000	360.0	V	298.0	0.0	26.0
939.772000	31.54	46.00	14.46	1000.0	120.000	335.0	H	34.0	90.0	27.1
954.236000	31.57	46.00	14.43	1000.0	120.000	179.0	H	179.0	0.0	27.3

3.03_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5270 MHz-+10dBm

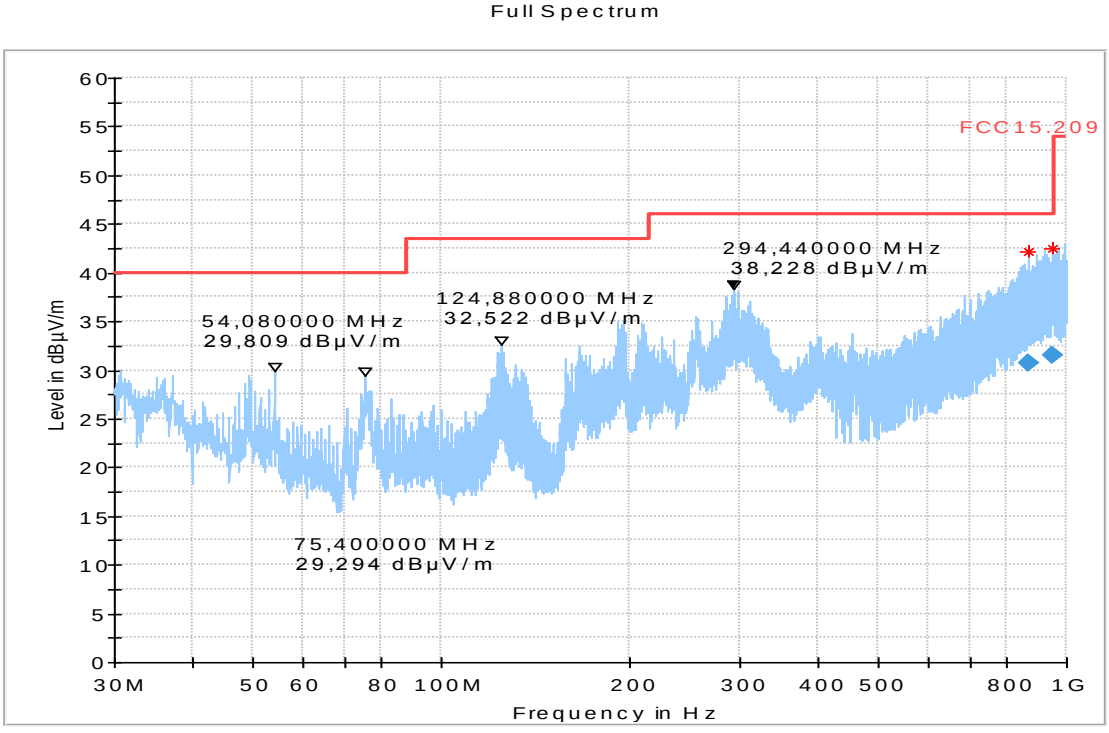
Common Information

14.02.2017 Page 1 of 2

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	YSa
Operating conditions:	U-NII-2A | BW 40 MHz |5270 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
871.308000	30.66	46.00	15.34	1000.0	120.000	345.0	H	17.0	0.0	26.2
951.284000	31.57	46.00	14.43	1000.0	120.000	245.0	V	260.0	90.0	27.2

3.04_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5310 MHz-+10dBm

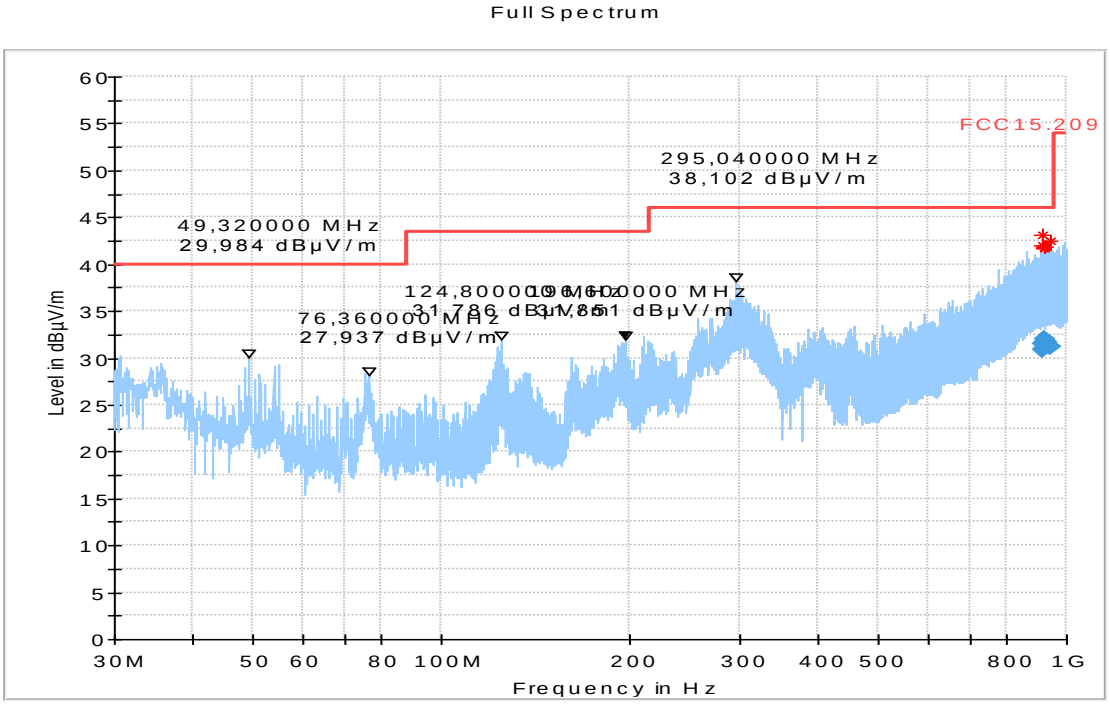
Common Information

15.02.2017 Page 1 of 2

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2A | BW 40 MHz |5310 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
912.816000	31.52	46.00	14.48	1000.0	120.000	355.0	V	61.0	90.0	27.2
918.204000	30.85	46.00	15.15	1000.0	120.000	271.0	V	269.0	90.0	26.6
920.820000	31.59	46.00	14.41	1000.0	120.000	208.0	V	160.0	90.0	27.1
921.940000	31.94	46.00	14.06	1000.0	120.000	113.0	H	270.0	90.0	27.1
926.476000	31.66	46.00	14.34	1000.0	120.000	109.0	H	89.0	90.0	27.0
941.308000	31.24	46.00	14.76	1000.0	120.000	189.0	H	114.0	0.0	26.8

3.05_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5510 MHz-+10dBm

Common Information

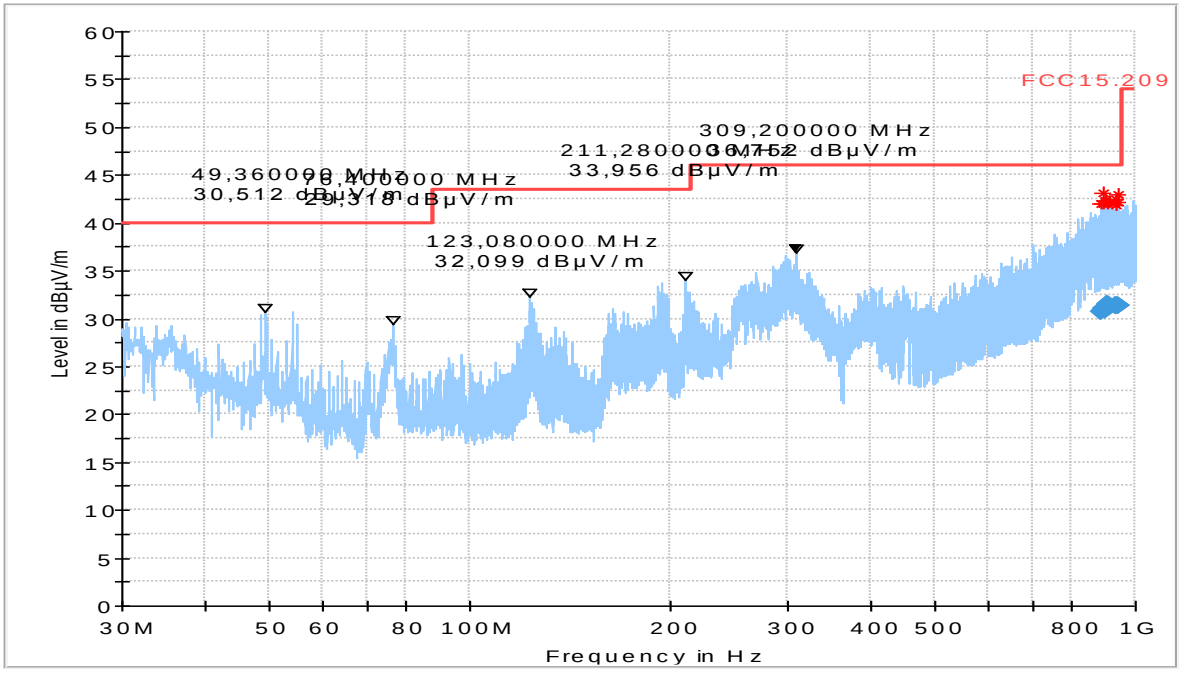
15.02.2017 Page 1 of 2

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2C | BW 40 MHz |5510 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
890.424000	30.70	46.00	15.30	1000.0	120.000	174.0	H	172.0	0.0	26.6
891.880000	30.88	46.00	15.12	1000.0	120.000	308.0	H	67.0	0.0	26.6
896.164000	31.05	46.00	14.95	1000.0	120.000	286.0	H	167.0	0.0	26.8
898.568000	30.81	46.00	15.19	1000.0	120.000	235.0	H	197.0	90.0	26.7
910.780000	31.50	46.00	14.50	1000.0	120.000	183.0	H	63.0	0.0	27.4
912.424000	31.35	46.00	14.65	1000.0	120.000	157.0	V	153.0	0.0	27.2
936.404000	31.40	46.00	14.60	1000.0	120.000	325.0	V	44.0	90.0	27.0
937.220000	31.41	46.00	14.59	1000.0	120.000	288.0	V	31.0	90.0	27.0
943.364000	31.28	46.00	14.72	1000.0	120.000	355.0	V	196.0	0.0	26.9
944.248000	31.39	46.00	14.61	1000.0	120.000	202.0	H	294.0	0.0	27.0

3.06_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5590 MHz-+10dBm

Common Information

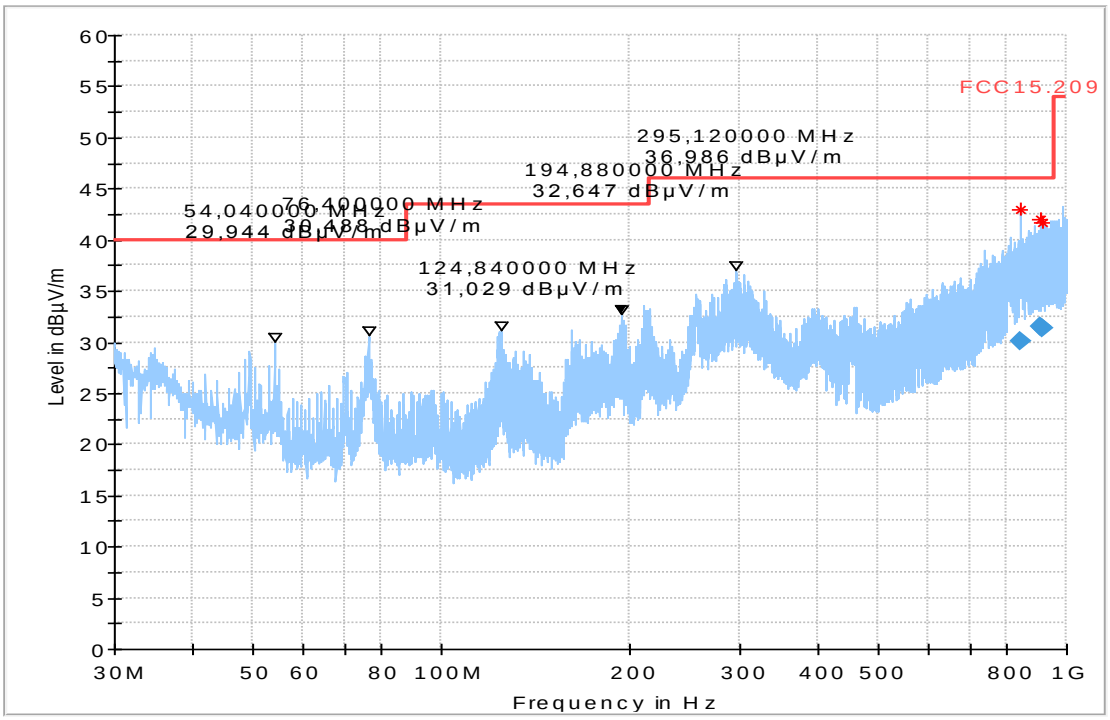
15.02.2017 Page 1 of 2

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	KIv
Operating conditions:	U-NII-2C | BW 40 MHz |5590 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
843.032000	30.00	46.00	16.00	1000.0	120.000	248.0	H	286.0	0.0	26.0
910.028000	31.57	46.00	14.43	1000.0	120.000	163.0	H	304.0	90.0	27.5
913.536000	31.33	46.00	14.67	1000.0	120.000	327.0	V	16.0	90.0	27.1

3.07_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5670 MHz-+10dBm

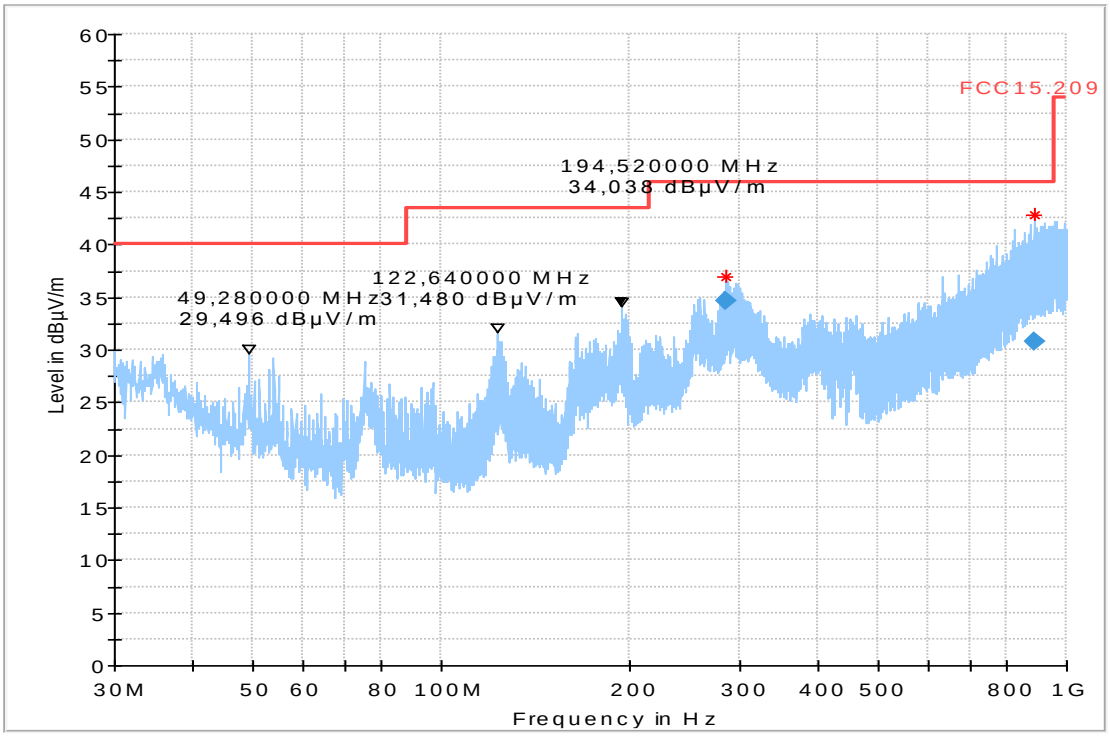
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	RIs
Operating conditions:	U-NII-2C | BW 40 MHz |5670 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
285.232000	34.68	46.00	11.32	1000.0	120.000	105.0	H	201.0	90.0	14.6
890.712000	30.81	46.00	15.19	1000.0	120.000	158.0	V	30.0	90.0	26.6

3.08_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5755 MHz-+10dBm

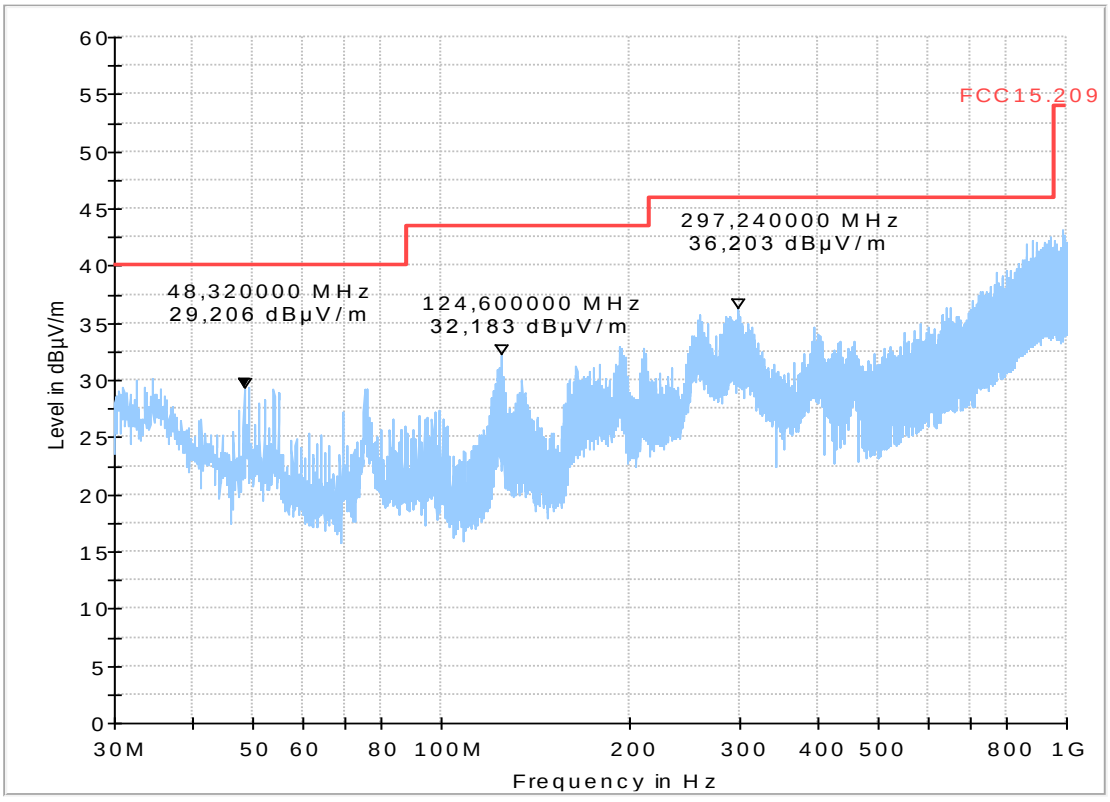
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	RIs
Operating conditions:	U-NII-3 | BW 40 MHz |5755 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.09_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5795 MHz-+10dBm

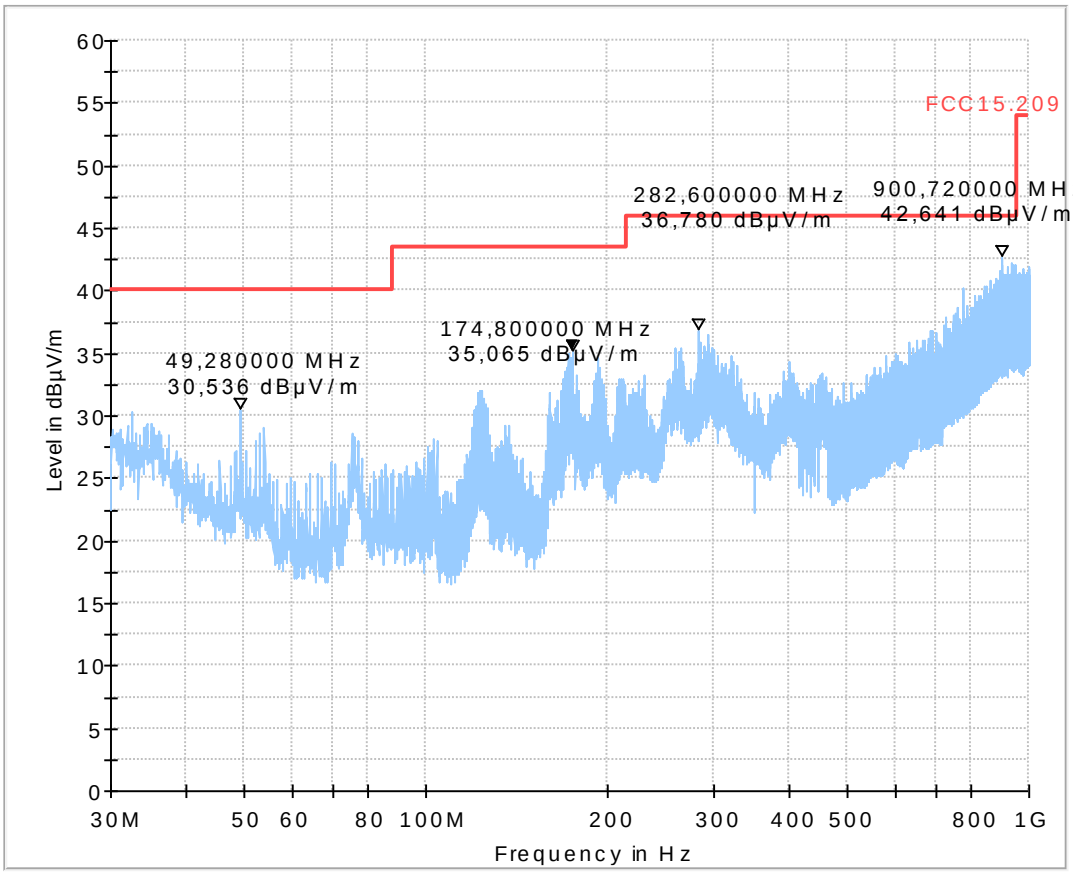
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC 15.209; RSS-Gen: Issue 4
Operator:	RIs
Operating conditions:	U-NII-3 | BW 40 MHz |5795 MHz| Fixed Chanel

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.3. Radiated Field Strength Emissions – 1 GHz to 7 GHz

4.01_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5190 MHz-+10dBm

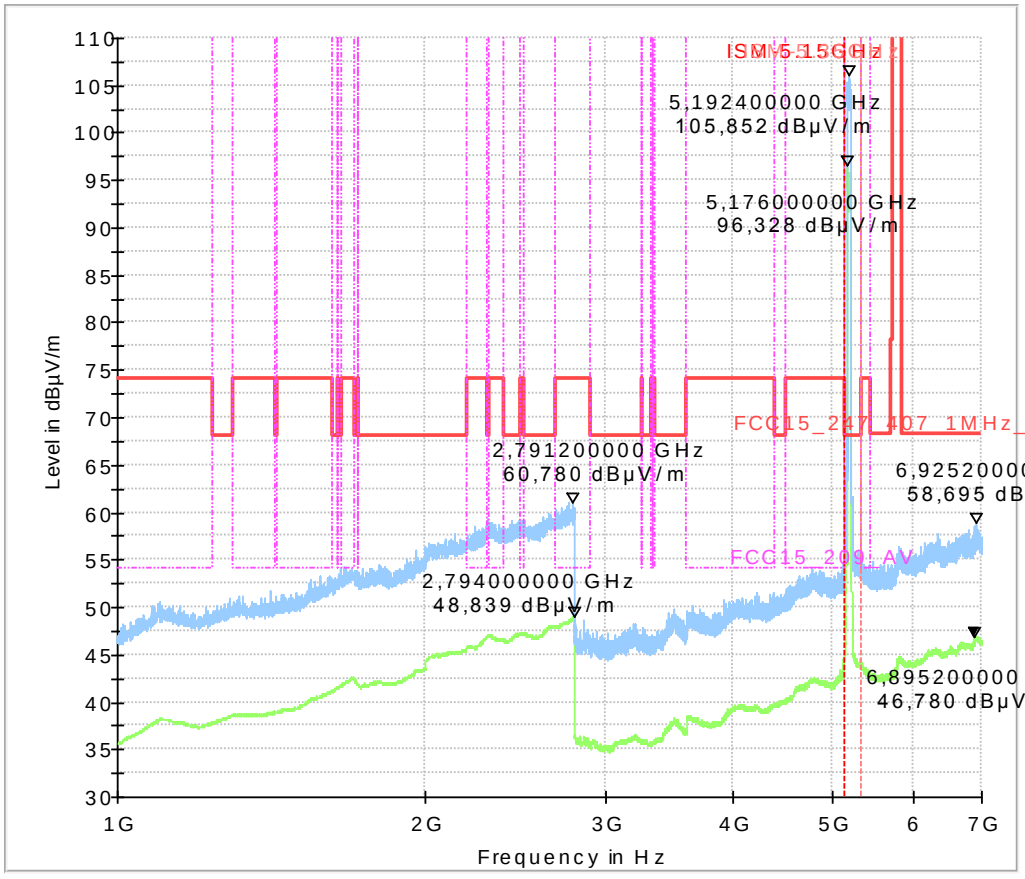
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-1 | BW 40 MHz |5190 MHz| Fixed Chanel
Operator Name:	APh

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.02_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5230 MHz-+10dBm

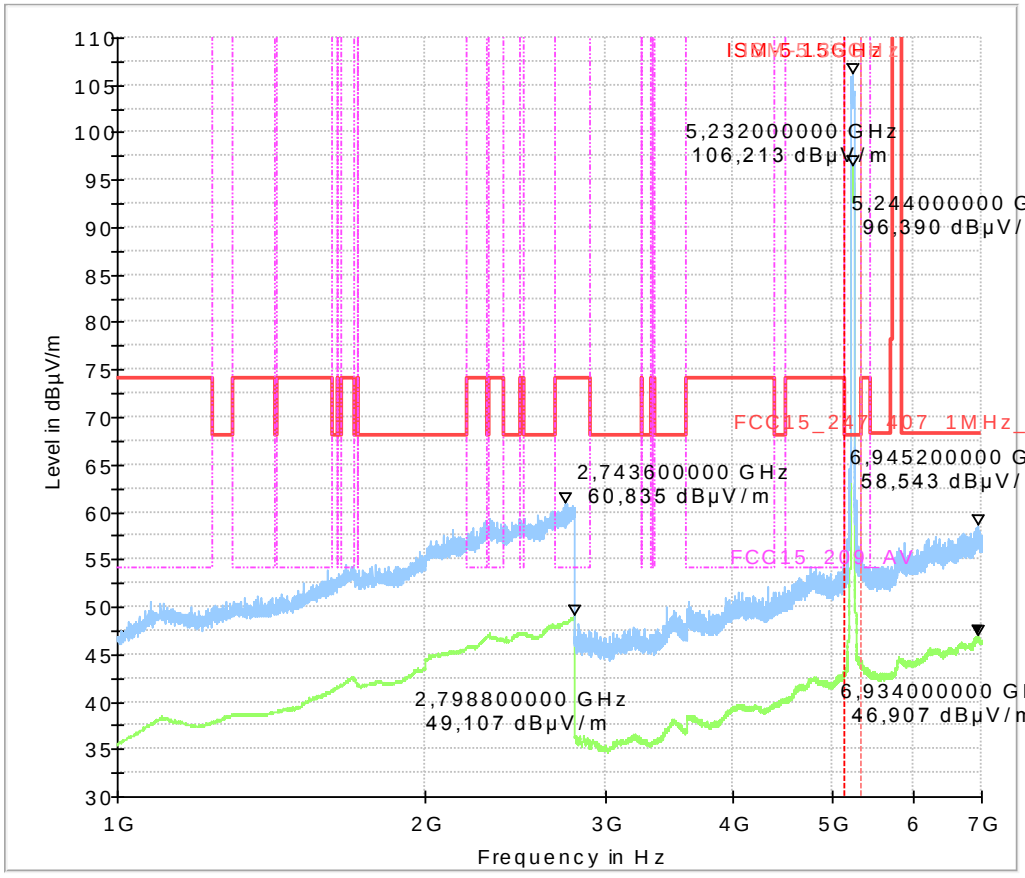
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-1 | BW 40 MHz |5230 MHz| Fixed Chanel
Operator Name:	AFr

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.03_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5270 MHz-+10dBm

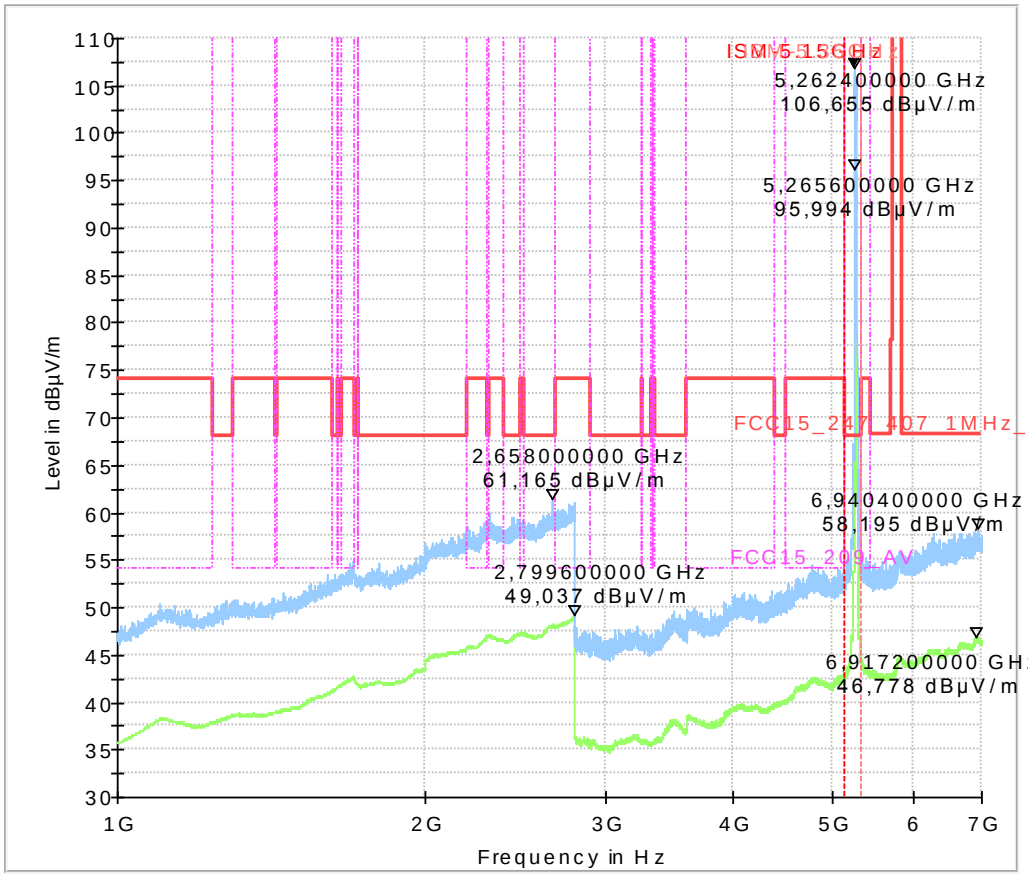
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2A | BW 40 MHz |5270 MHz| Fixed Chanel
Operator Name:	AFr

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.04_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5310 MHz-+10dBm

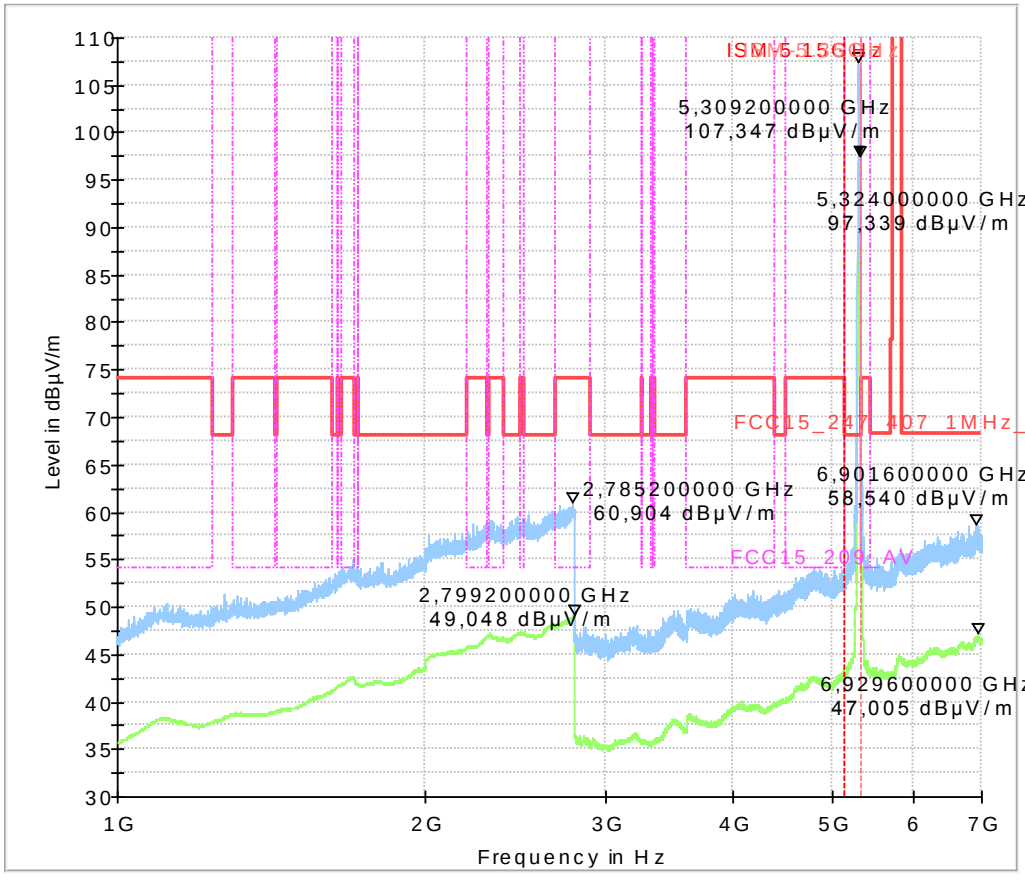
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2A | BW 40 MHz |5310 MHz| Fixed Chanel
Operator Name:	AFr

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.05_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5510 MHz-+10dBm

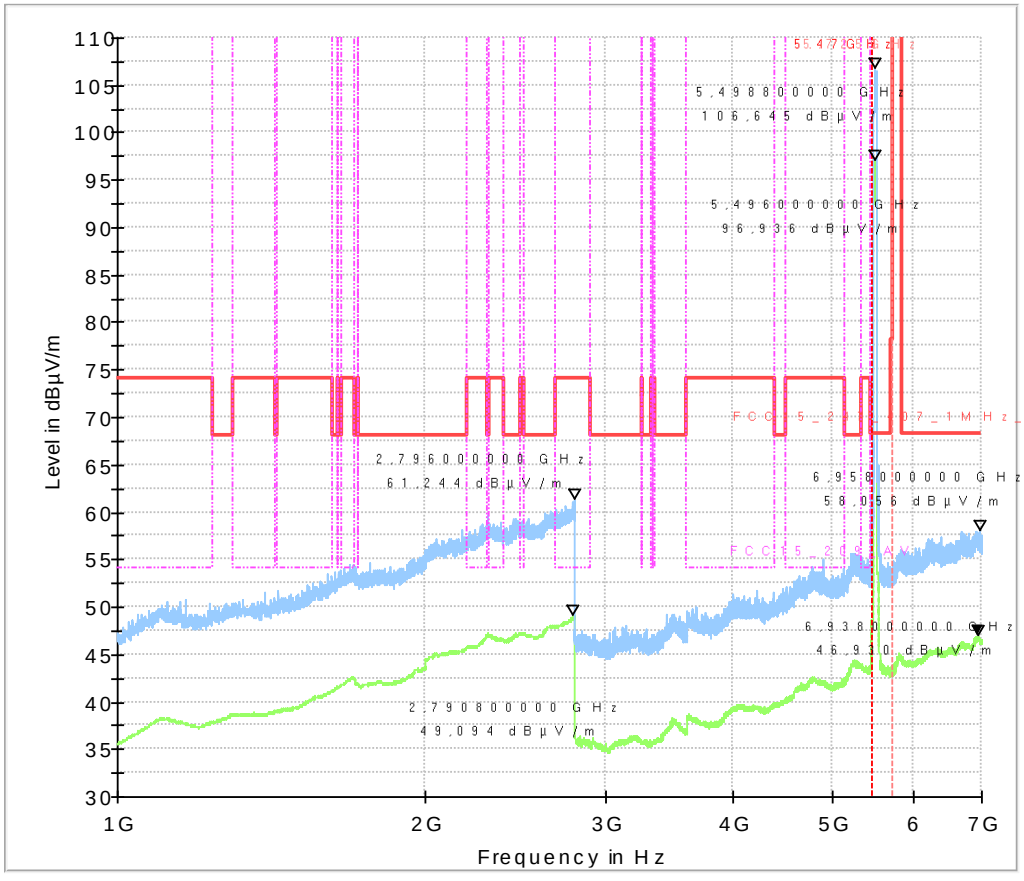
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2C | BW 40 MHz | 5510 MHz | Fixed Chanel (Modulated)
Operator Name:	AFr

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.06_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5590 MHz-+10dBm

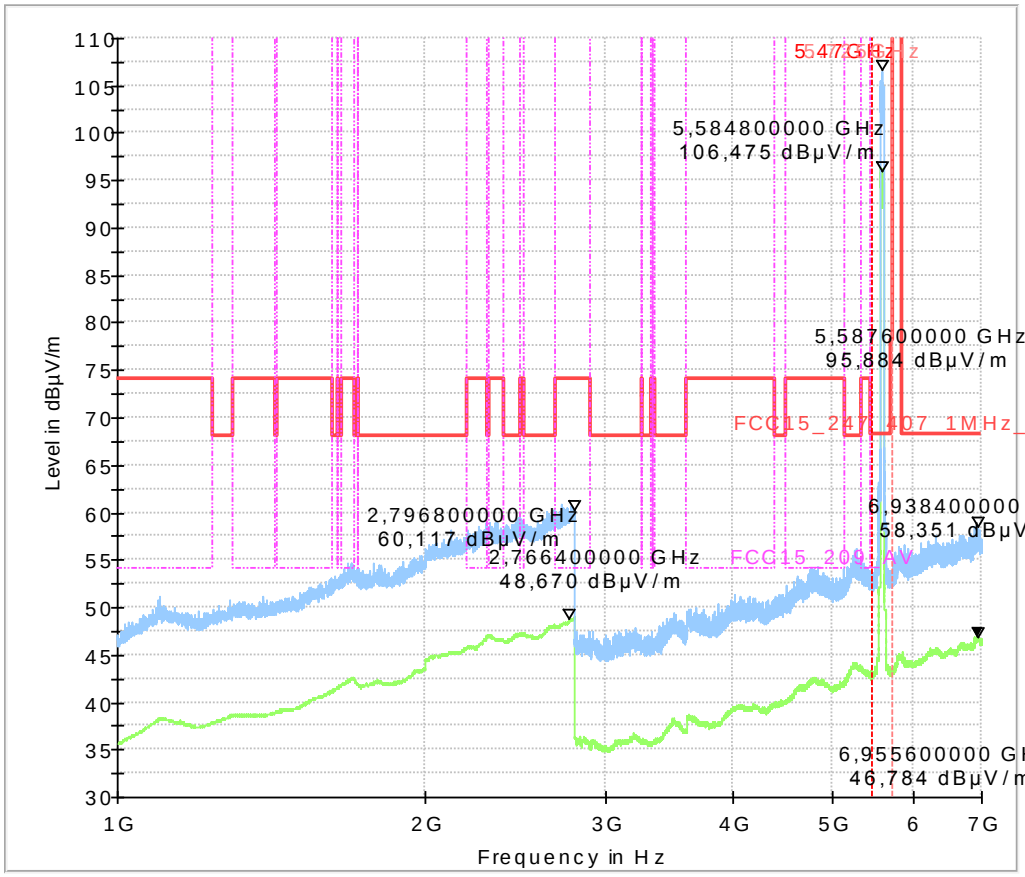
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2C | BW 40 MHz |5590 MHz| Fixed Chanel (Modulated)
Operator Name:	APh

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.07_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5670 MHz-+10dBm

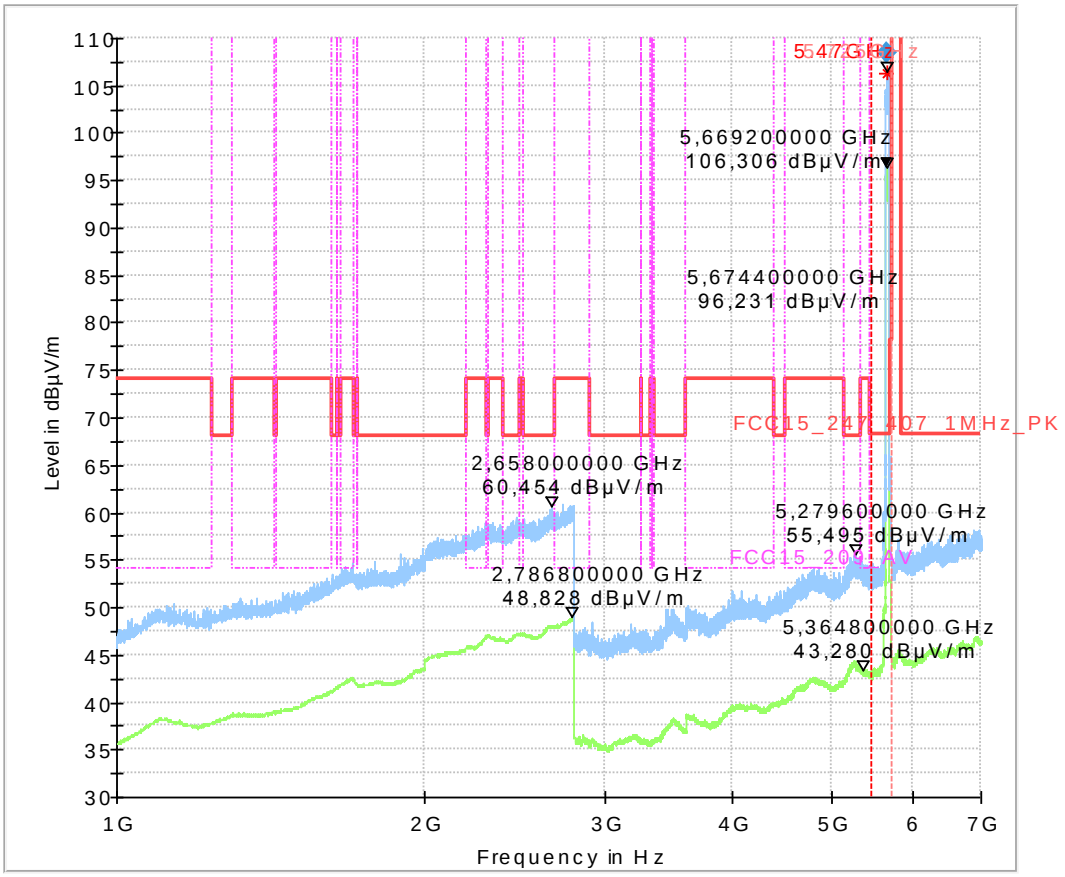
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2C | BW 40 MHz |5670 MHz| Fixed Chanel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.08_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5755 MHz-+10dBm

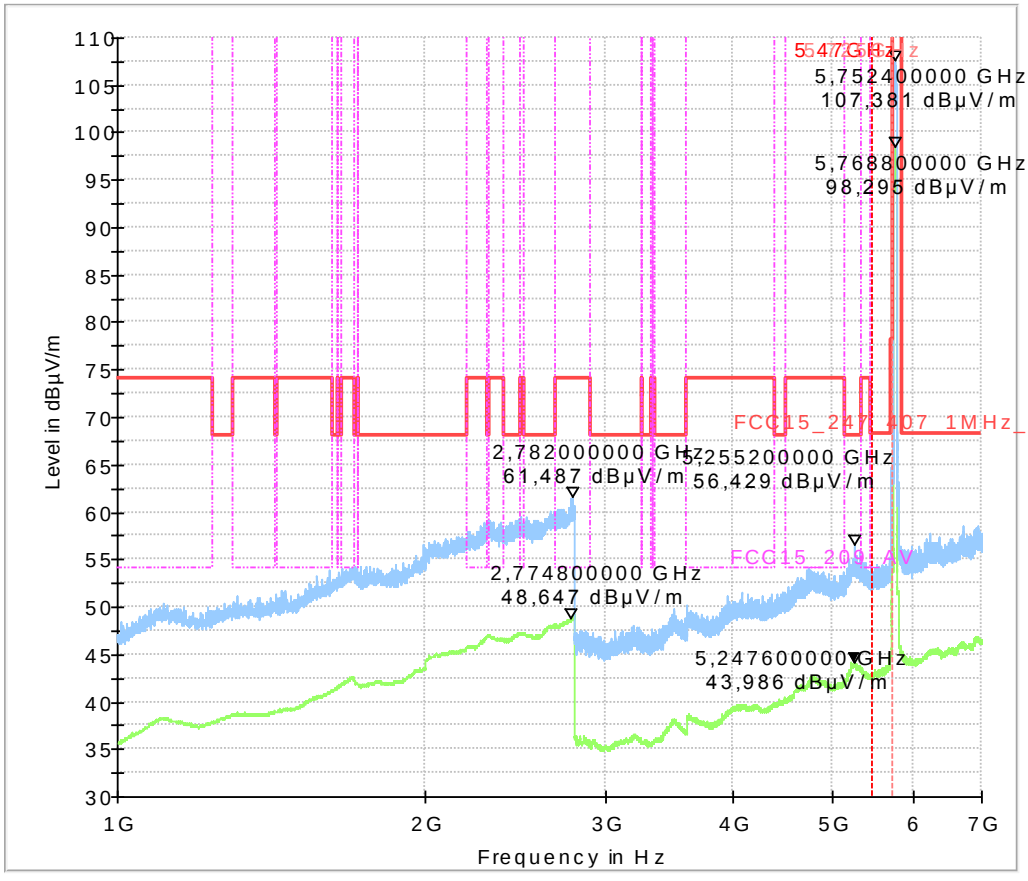
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-3 | BW 40 MHz |5755 MHz| Fixed Channel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



4.09_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5795 MHz-+10dBm

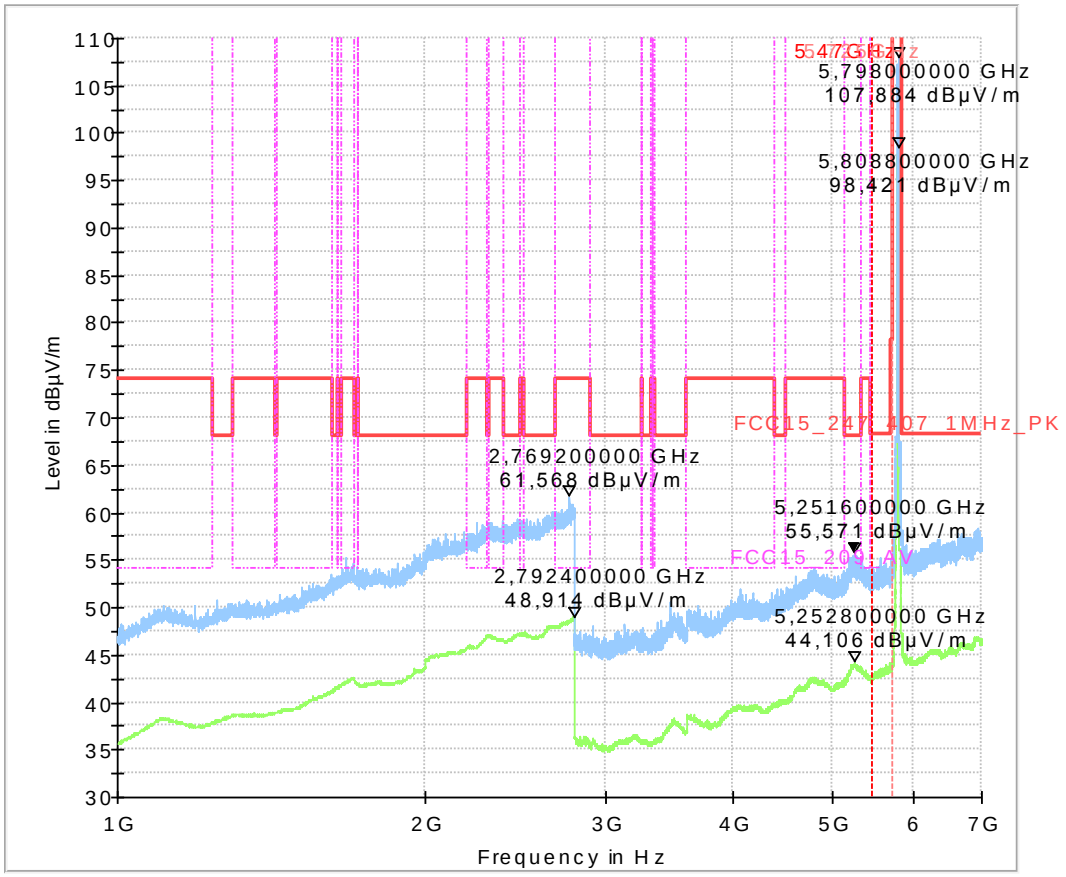
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-3 | BW 40 MHz |5795 MHz| Fixed Channel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



2.4. Radiated Field Strength Emissions – 7 GHz to 18 GHz

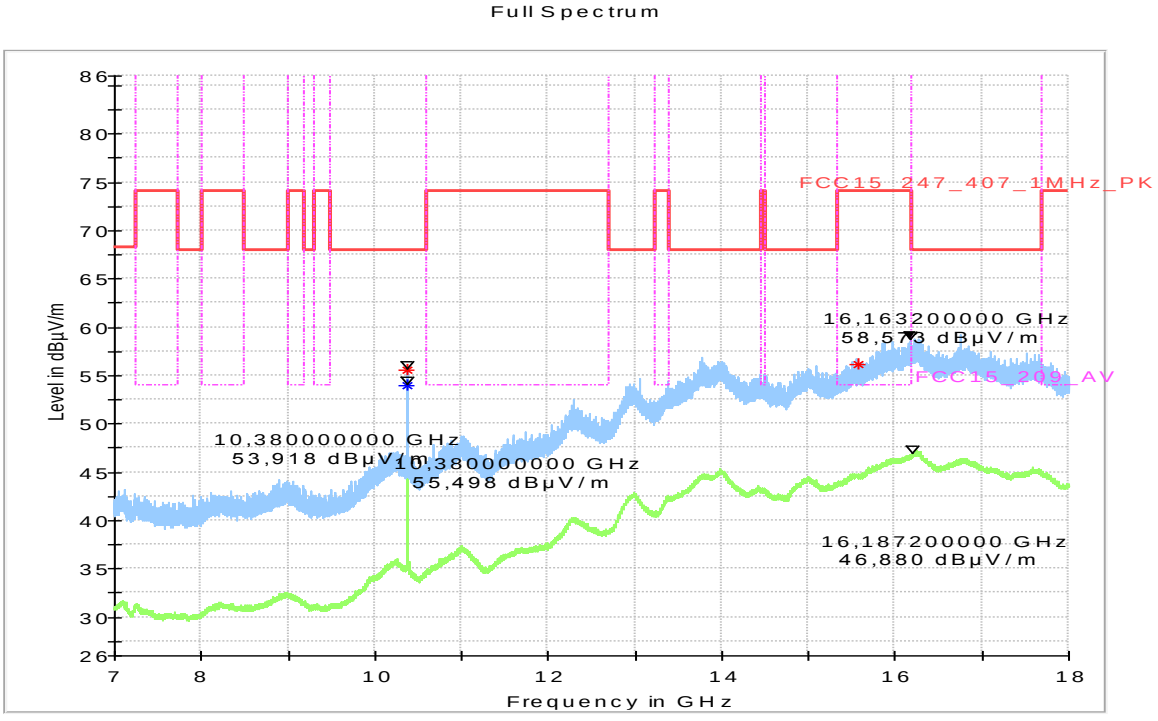
4.01a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5190 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
	U-NII-1 | BW 40 MHz |5190 MHz| Fixed Chanel
Operator Name:	APh

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
10380.000000	55.50	---	68.00	12.50	155.0	V	310.0	90.0	9.6
10380.000000	---	53.92	150.00	96.08	155.0	V	310.0	90.0	9.6
15569.600000	56.12	---	74.00	17.88	155.0	V	160.0	90.0	19.9

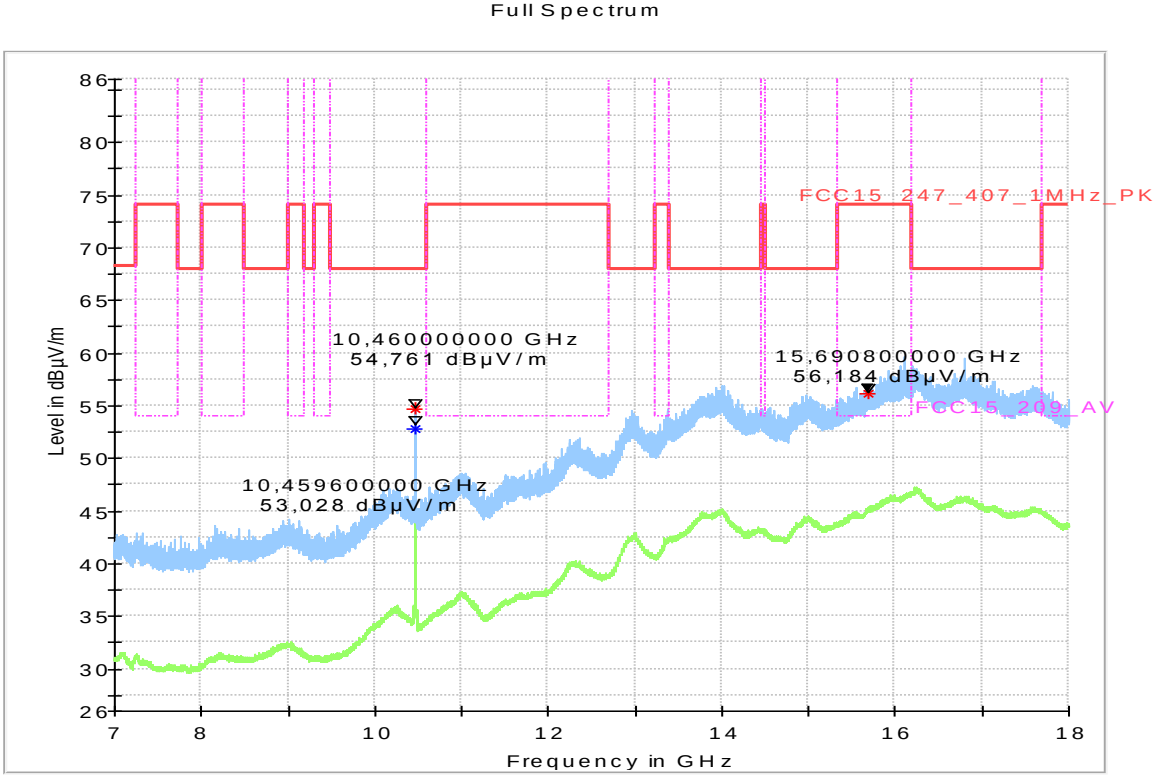
4.02a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5230 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous U-NII-1 | BW 40 MHz |5230 MHz| Fixed Chanel
Operator Name:	RIs

EUT EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
10460.000000	54.76	---	68.00	13.24	155.0	V	310.0	90.0	9.1
10460.000000	---	52.82	150.00	97.18	155.0	V	310.0	90.0	9.1
15690.800000	56.18	---	74.00	17.82	155.0	V	170.0	0.0	20.1

4.03a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5270 MHz-+10dBm

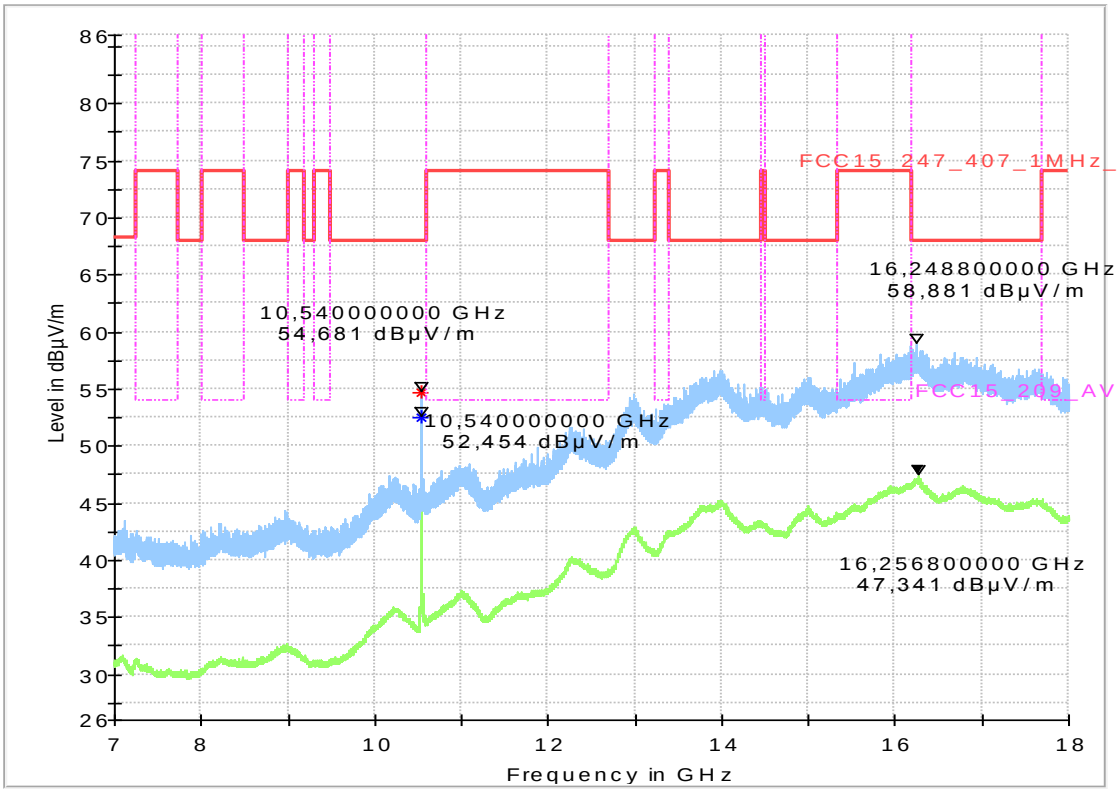
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous U-NII-2A | BW 40 MHz |5270 MHz| Fixed Chanel
Operator Name:	RIs

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
10540.000000	54.68	---	68.00	13.32	155.0	V	0.0	0.0	9.1
10540.000000	---	52.45	150.00	97.55	155.0	V	0.0	0.0	9.1

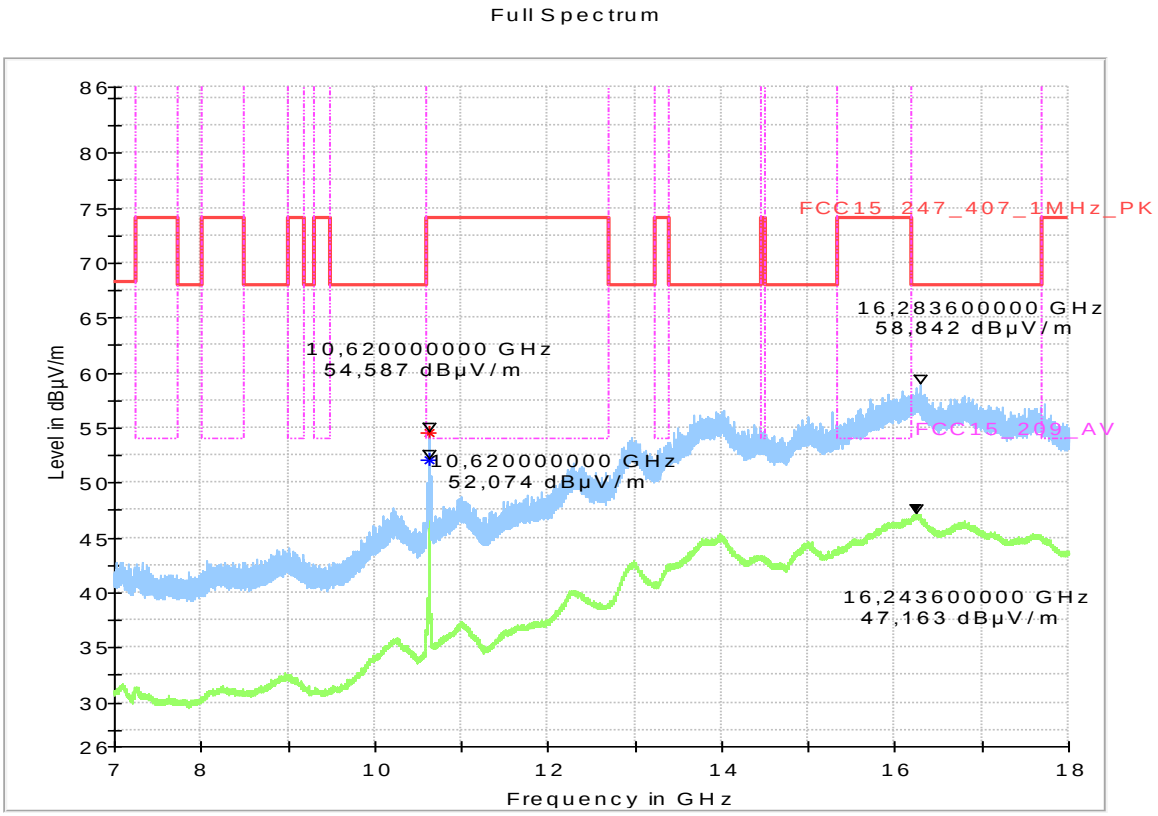
4.04a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5310 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous U-NII-2A | BW 40 MHz |5310 MHz| Fixed Chanel
Operator Name:	RIs

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
10620.000000	54.59	---	74.00	19.41	155.0	H	290.0	0.0	9.8
10620.000000	---	52.07	54.00	1.93	155.0	H	290.0	0.0	9.8

4.05a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5510 MHz-+10dBm

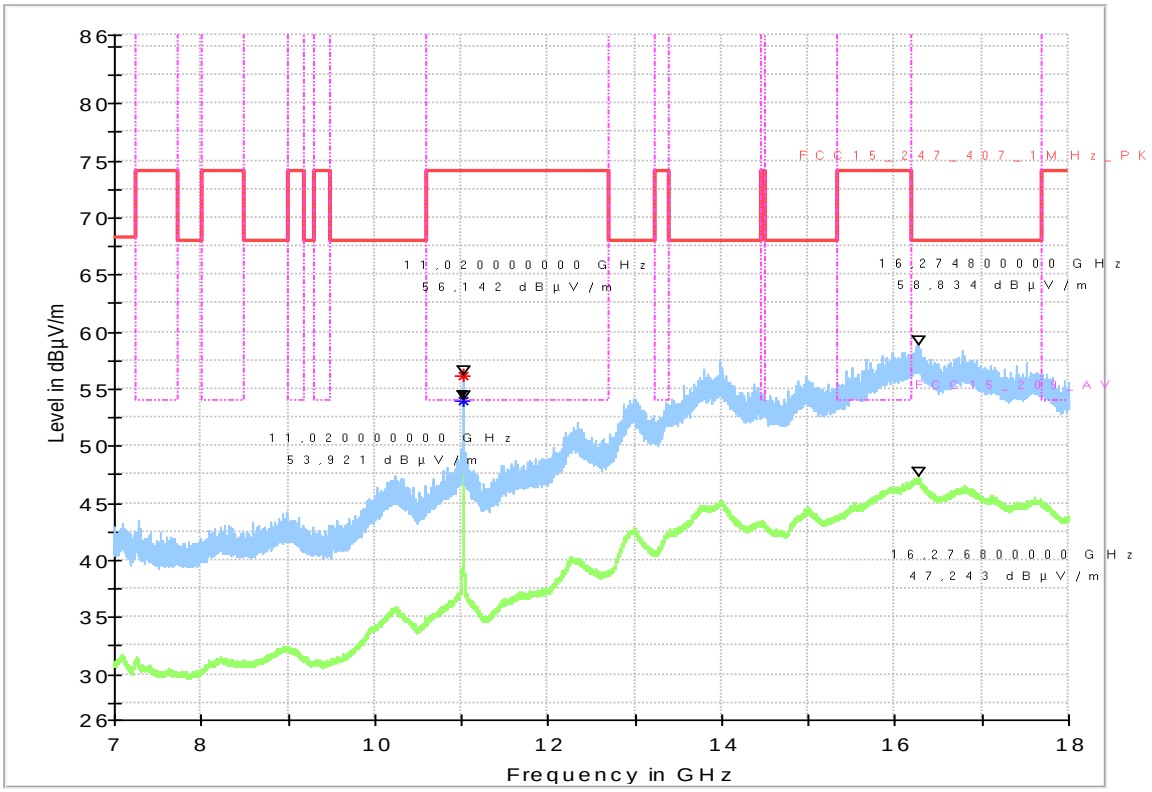
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
	U-NII-2C | BW 40 MHz |5510 MHz| Fixed Chanel
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
11020.000000	56.14	---	74.00	17.86	155.0	H	290.0	0.0	12.0
11020.000000	---	53.92	54.00	0.08	155.0	H	290.0	0.0	12.0

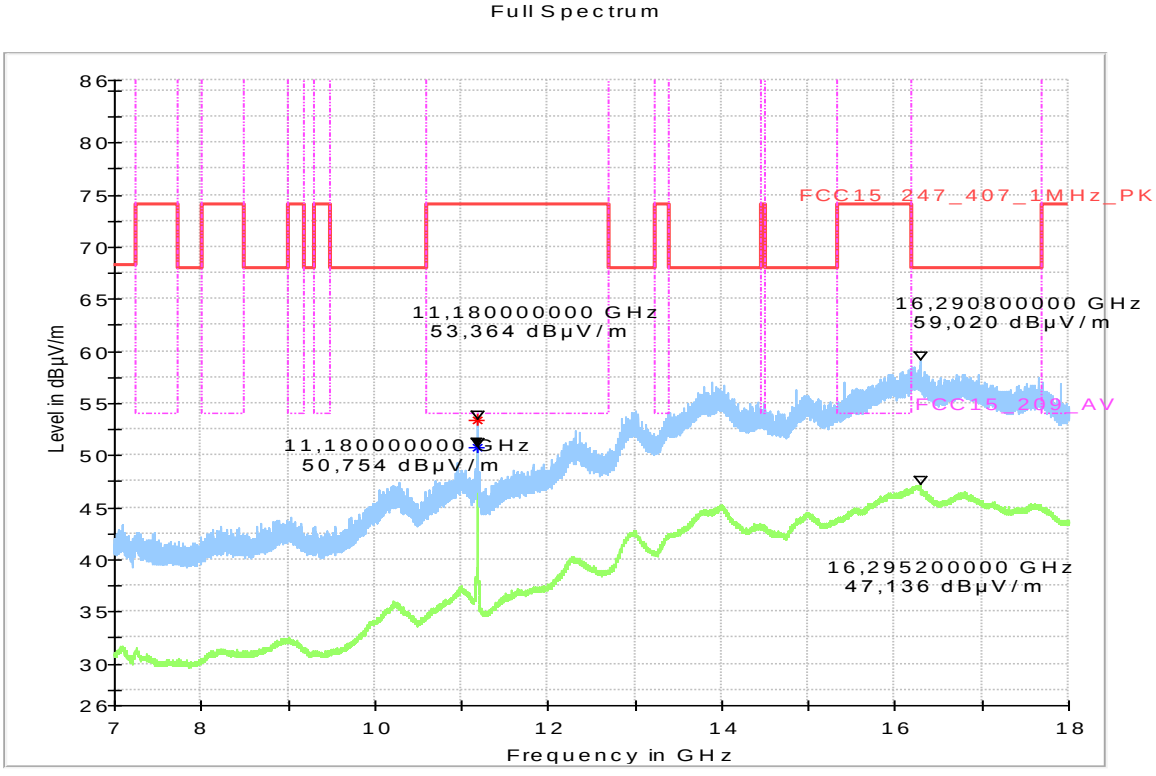
4.06a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5590 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
	U-NII-2C | BW 40 MHz |5590 MHz| Fixed Chanel
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
11180.000000	53.36	---	74.00	20.64	155.0	H	290.0	0.0	10.4
11180.000000	---	50.75	54.00	3.25	155.0	H	290.0	0.0	10.4

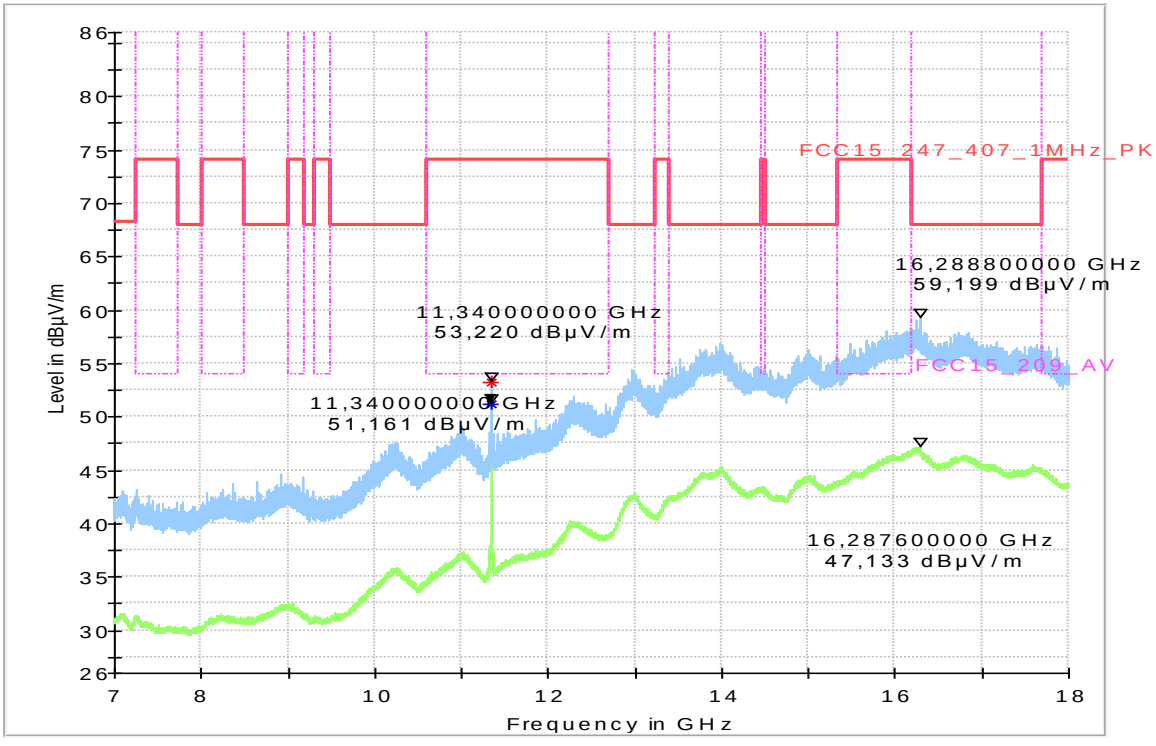
4.07a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5670 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous U-NII-2C | BW 40 MHz |5670 MHz| Fixed Chanel
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
11340.000000	53.22	---	74.00	20.78	155.0	H	290.0	0.0	10.3
11340.000000	---	51.16	54.00	2.84	155.0	H	290.0	0.0	10.3

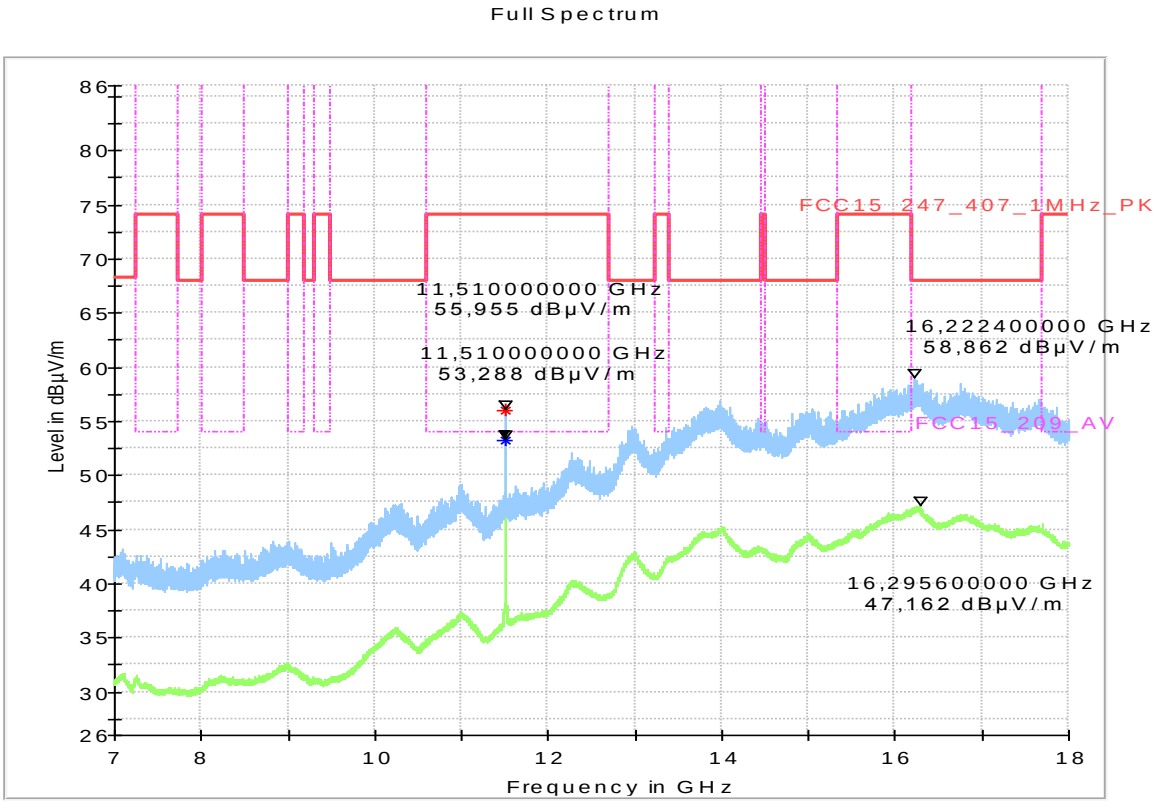
4.08a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5755 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous U-NII-3 | BW 40 MHz |5755 MHz| Fixed Chanel
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
11510.000000	55.96	---	74.00	18.04	155.0	H	290.0	0.0	11.3
11510.000000	---	53.29	54.00	0.71	155.0	H	290.0	0.0	11.3

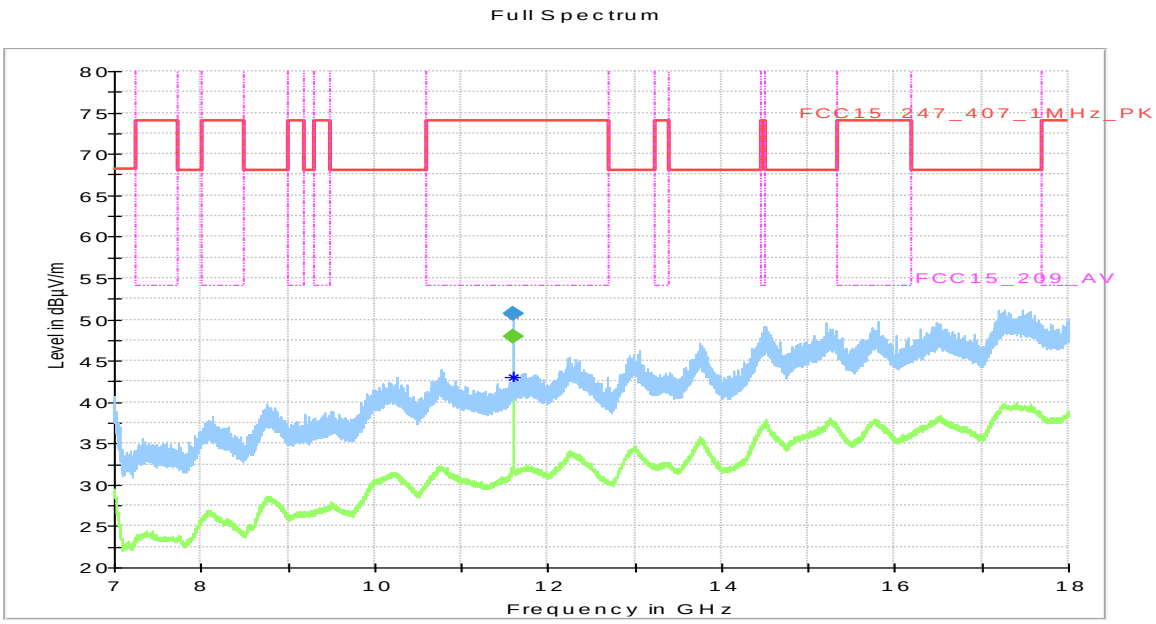
4.09a_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5795 MHz-+10dBm_ Retest_15_2_Sweep2

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	U-NII-3 | BW 40 MHz |5795 MHz| Fixed Chanel
Operator Name:	Lor

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)



Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
11589.800000	---	48.00	54.00	6.00	100.0	1000.000	155.0	H	105.0
11589.800000	50.76	---	74.00	23.24	100.0	1000.000	155.0	H	106.0

(continuation of the "Final_Result" table from column 15 ...)

Frequency (MHz)	Elevation (deg)	Corr. (dB)	Comment
11589.800000	90.0	5.9	20:43:42 - 15.02.2017
11589.800000	90.0	5.9	20:42:43 - 15.02.2017

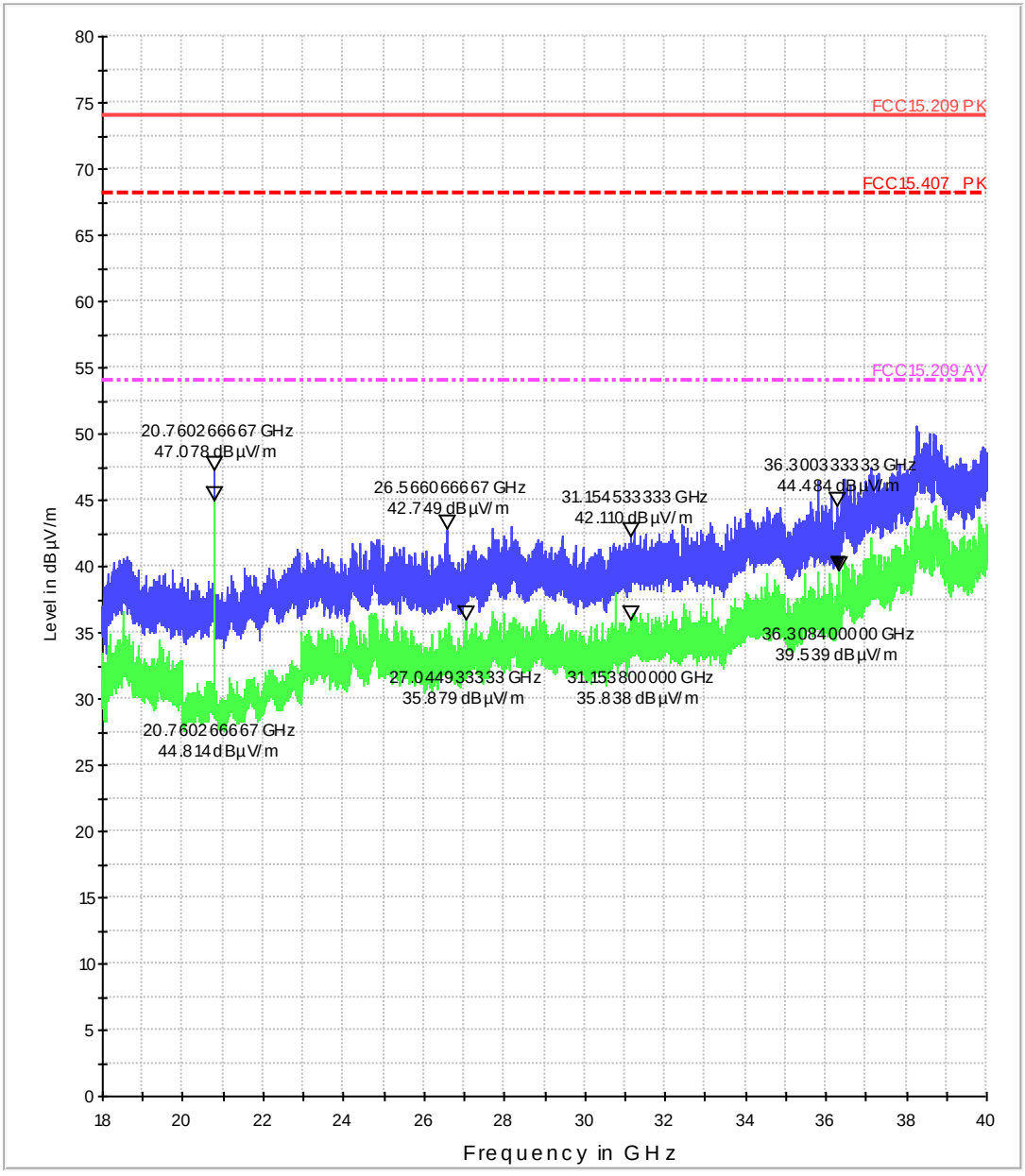
2.5. Radiated Field Strength Emissions – 18 GHz to 40 GHz

4.01b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5190 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-1 | BW 40 MHz |5190 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

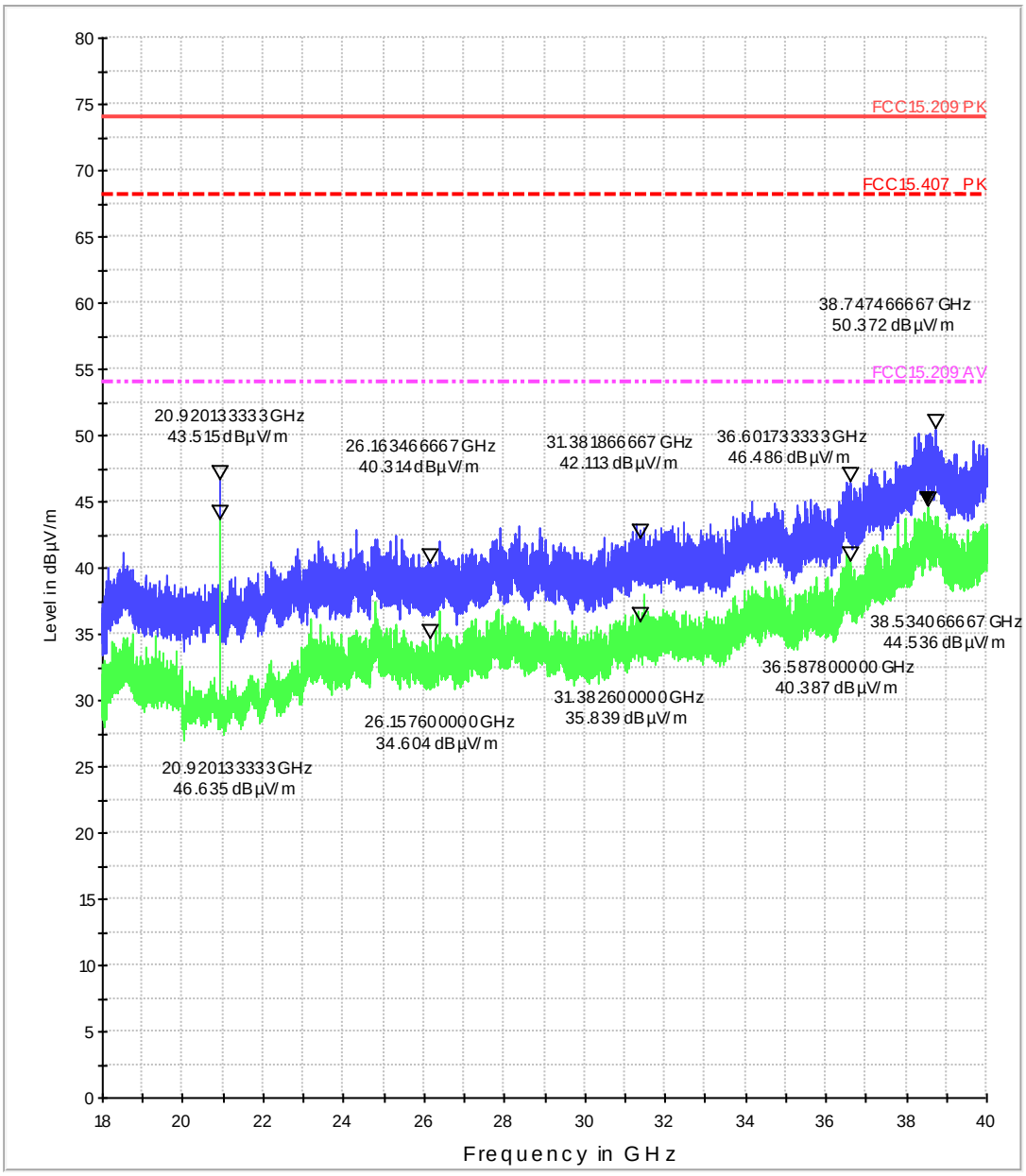


4.02b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5230 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-1 | BW 40 MHz |5230 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

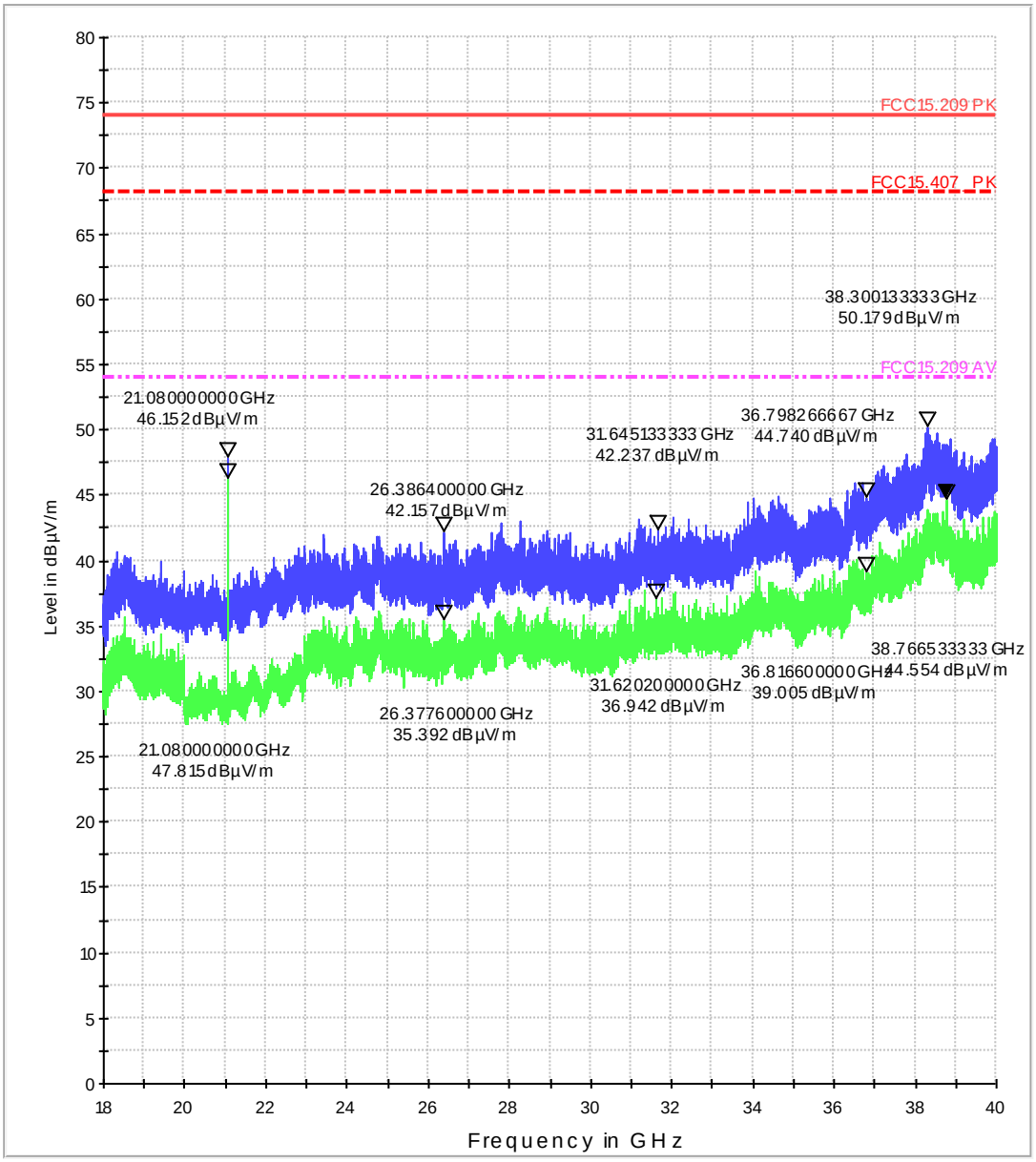


4.03b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5270 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-2A | BW 40 MHz |5270 MHz| Fixed Chanel
Operator Name:	KIv
Comment:	Channel no. low/middle/high

FCC_Sweep_15.407_18_40GHz_Pre

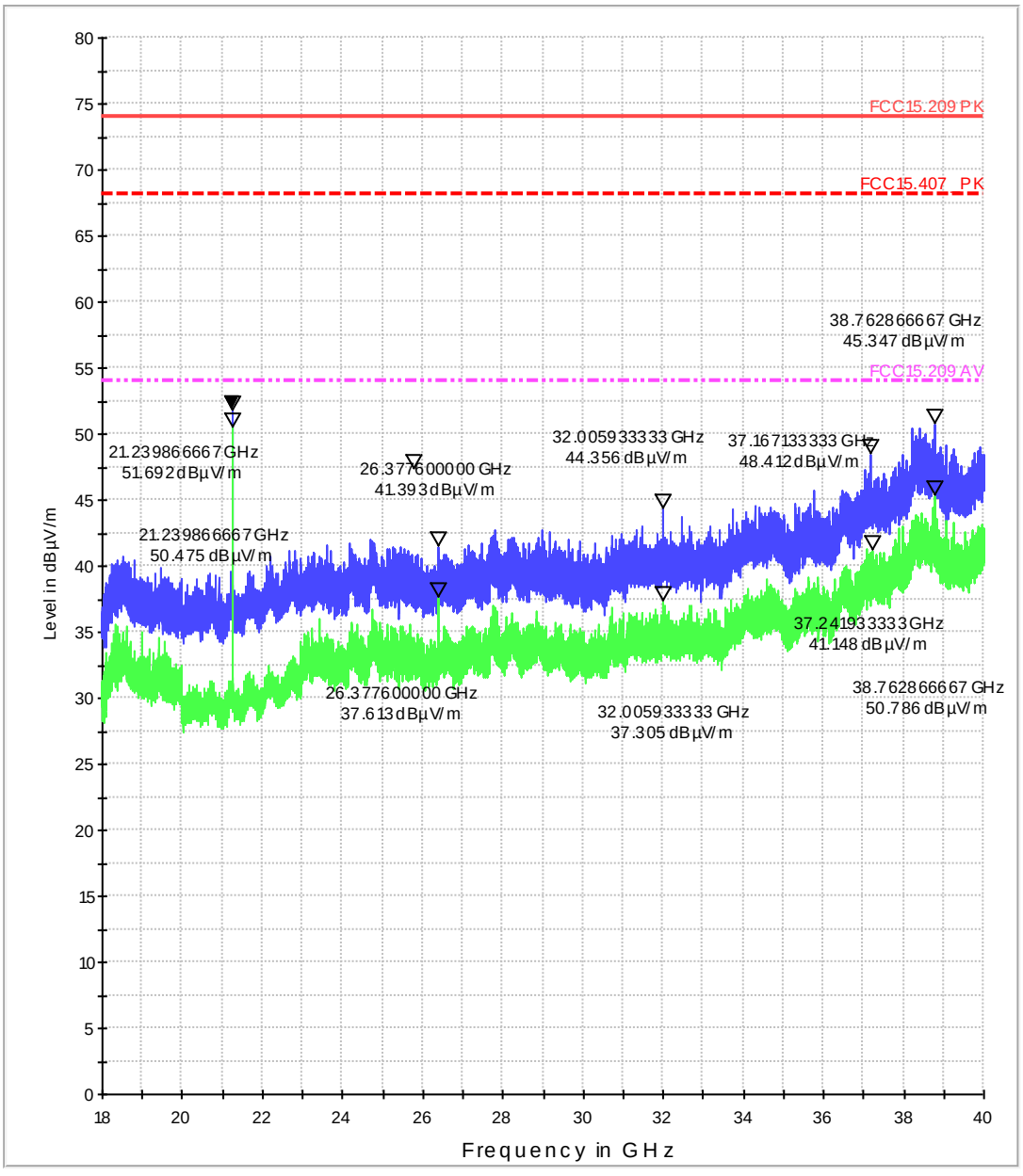


4.04b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5310 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-2A | BW 40 MHz |5310 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

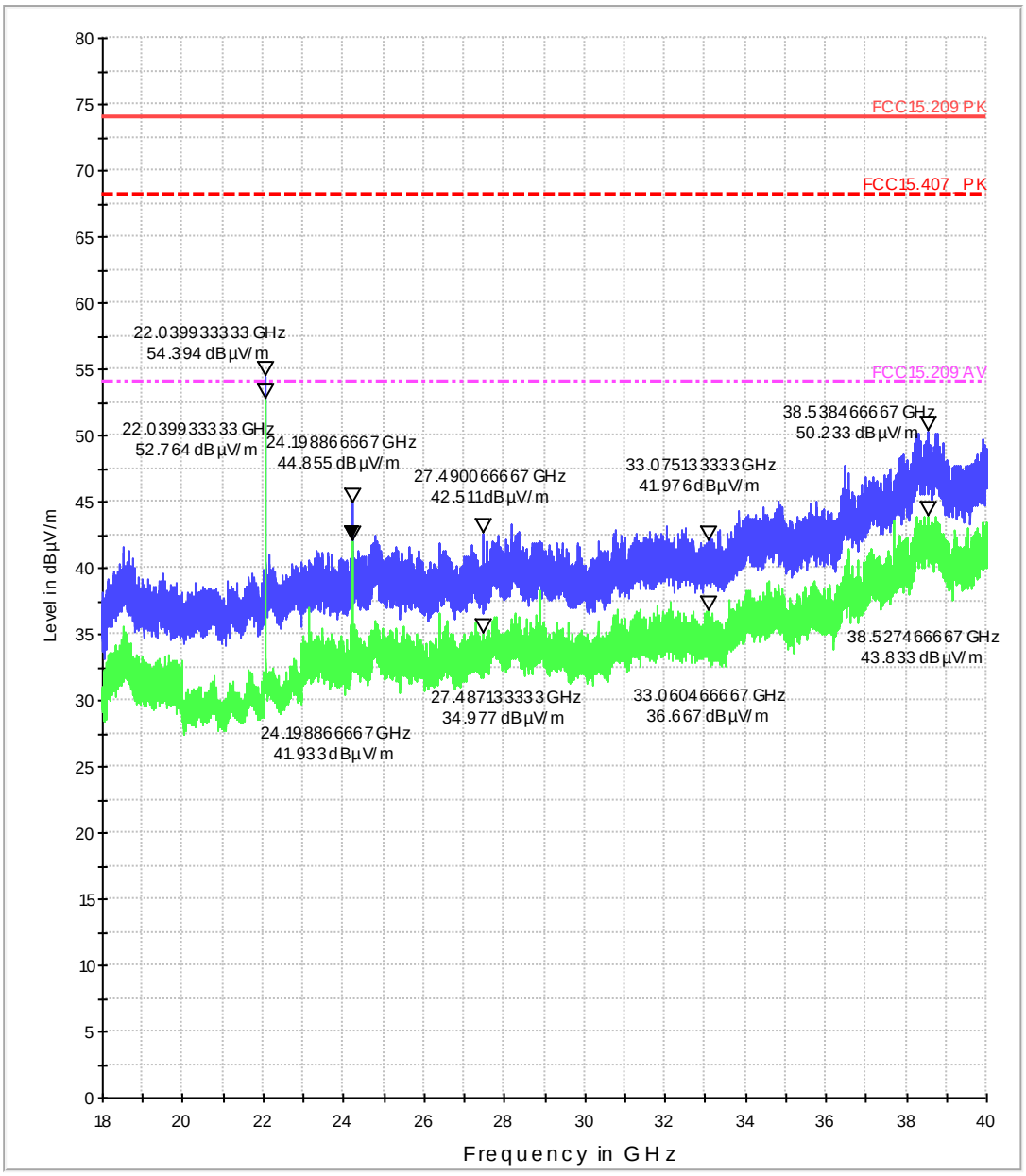


4.05b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5510 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-2C | BW 40 MHz |5510 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

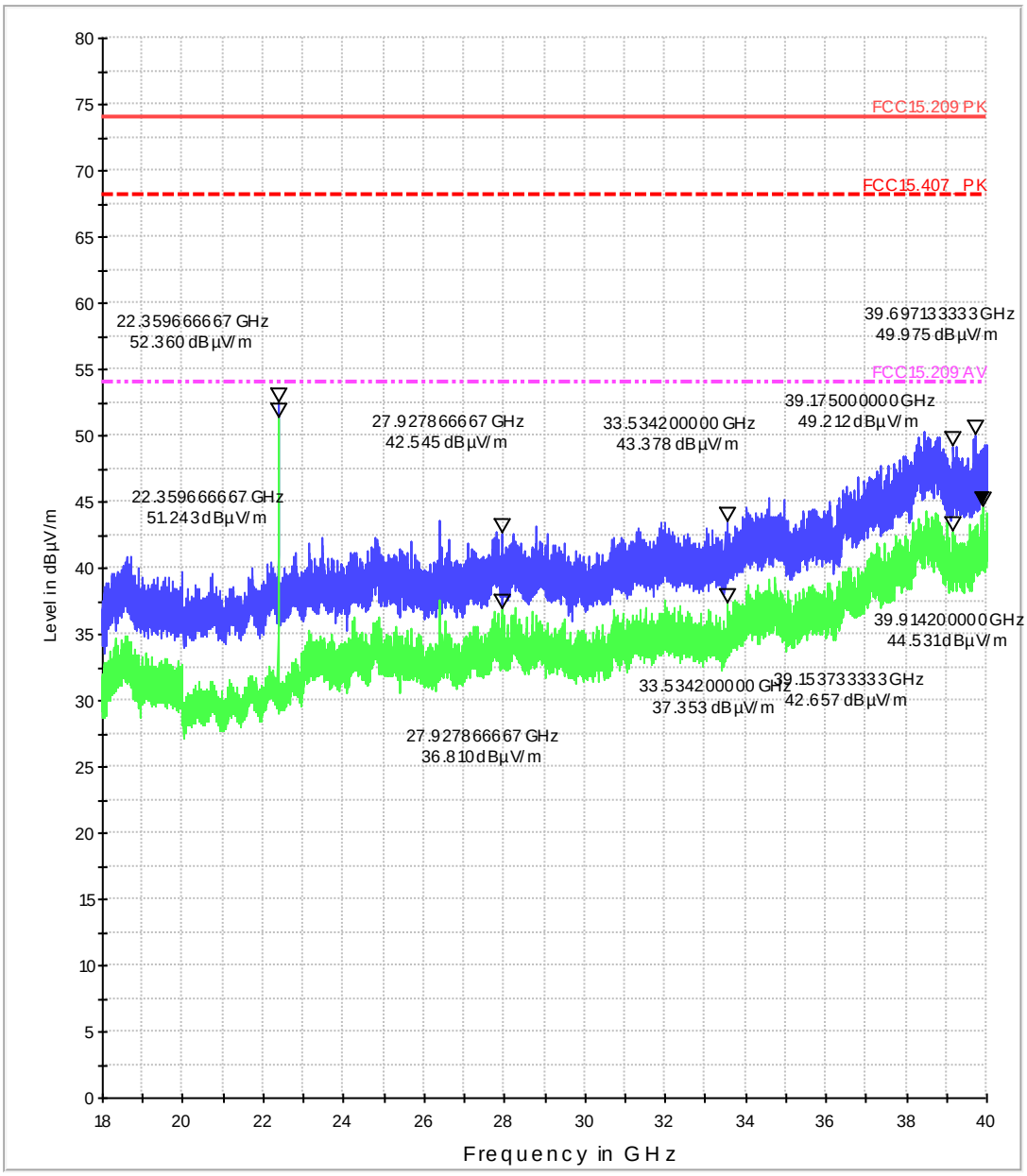


4.06b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5590 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-2C | BW 40 MHz |5590 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

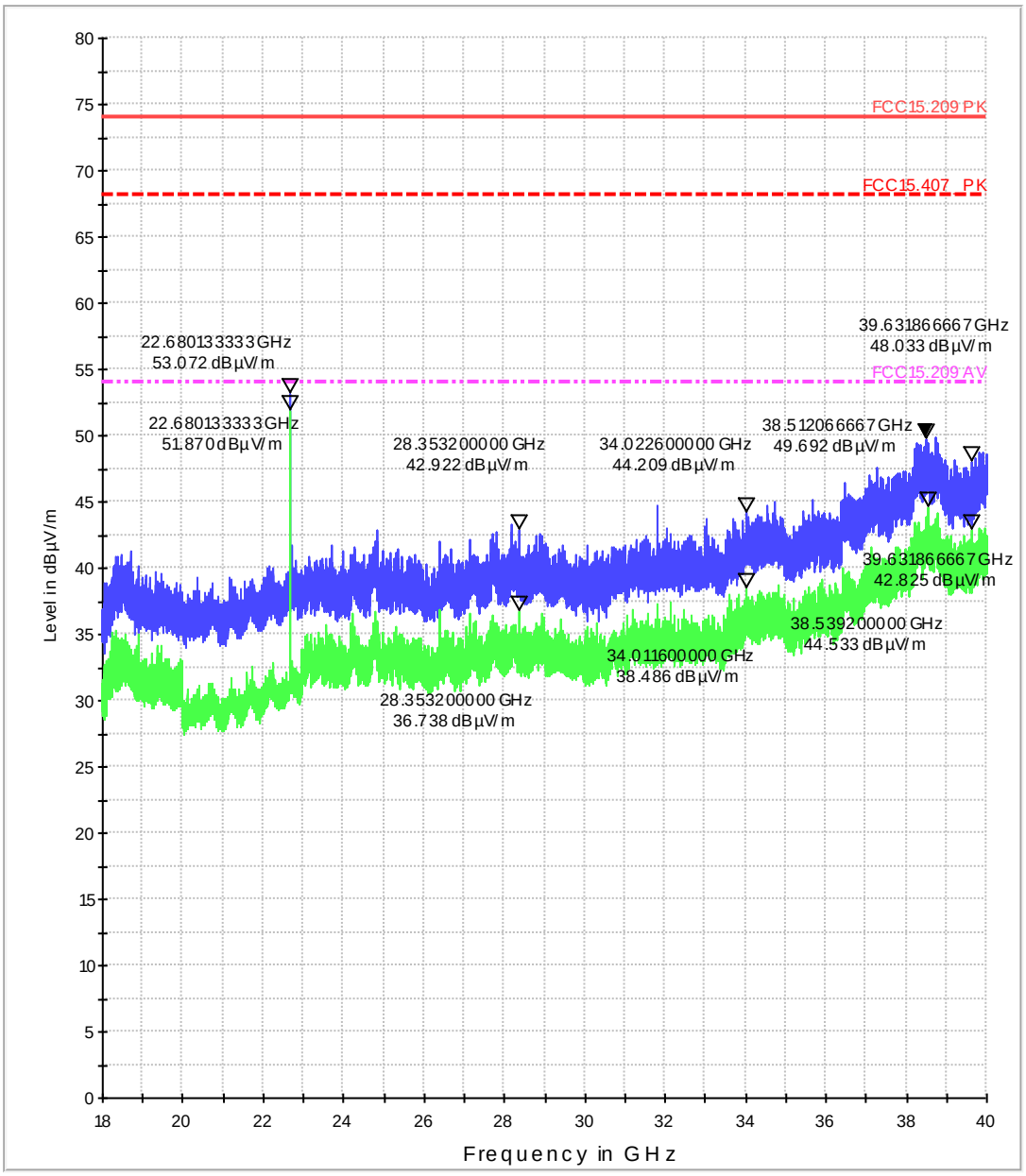


4.07b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5670 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-2C | BW 40 MHz |5670 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

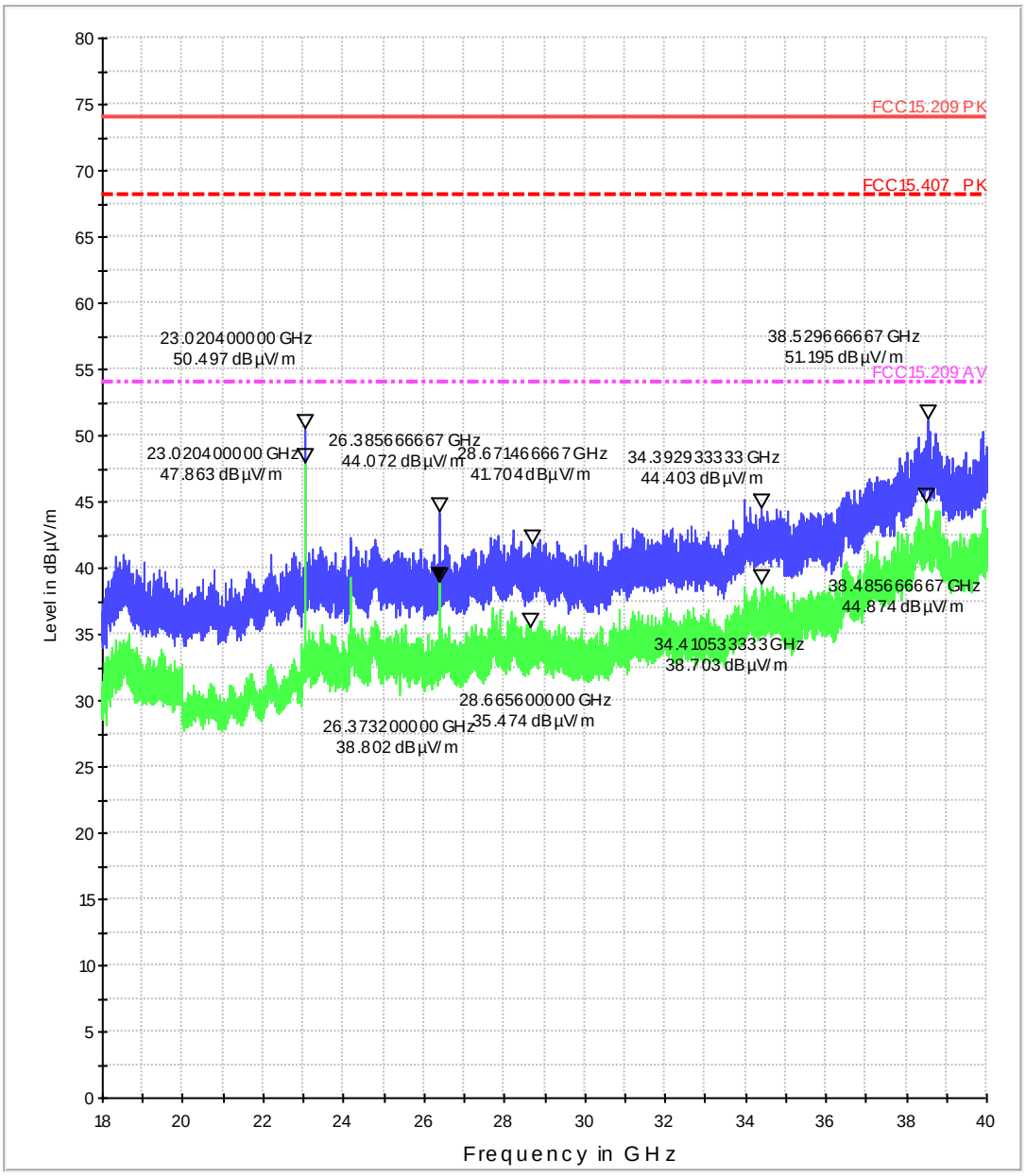


4.08b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5755 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-3 | BW 40 MHz |5755 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre

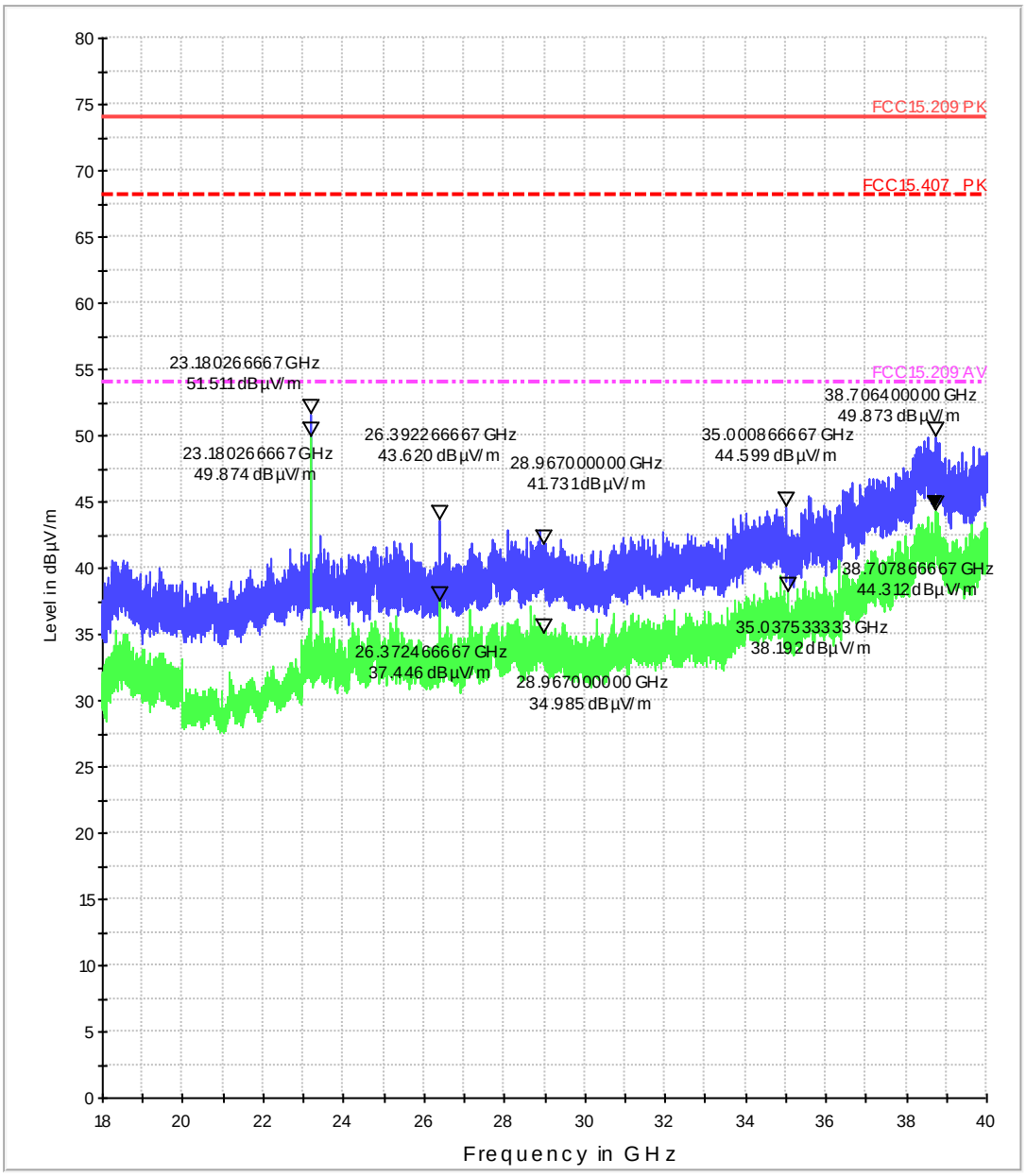


4.09b_ TX-Sp.VLMTX58G+WALSIN-BW40MHz-5795 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.205&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
SW-Version:	EMC32 V8.53.0
Operation mode:	U-NII-3 | BW 40 MHz |5795 MHz| Fixed Chanel
Operator Name:	KIv

FCC_Sweep_15.407_18_40GHz_Pre



3. Radiated Band-Edge Measurements

3.1. Channel 5190 MHz (U-NII-1:left band edge)

9.01_BE- VLMTX58G+WALSIN-BW40MHz-5190 MHz-+10dBm

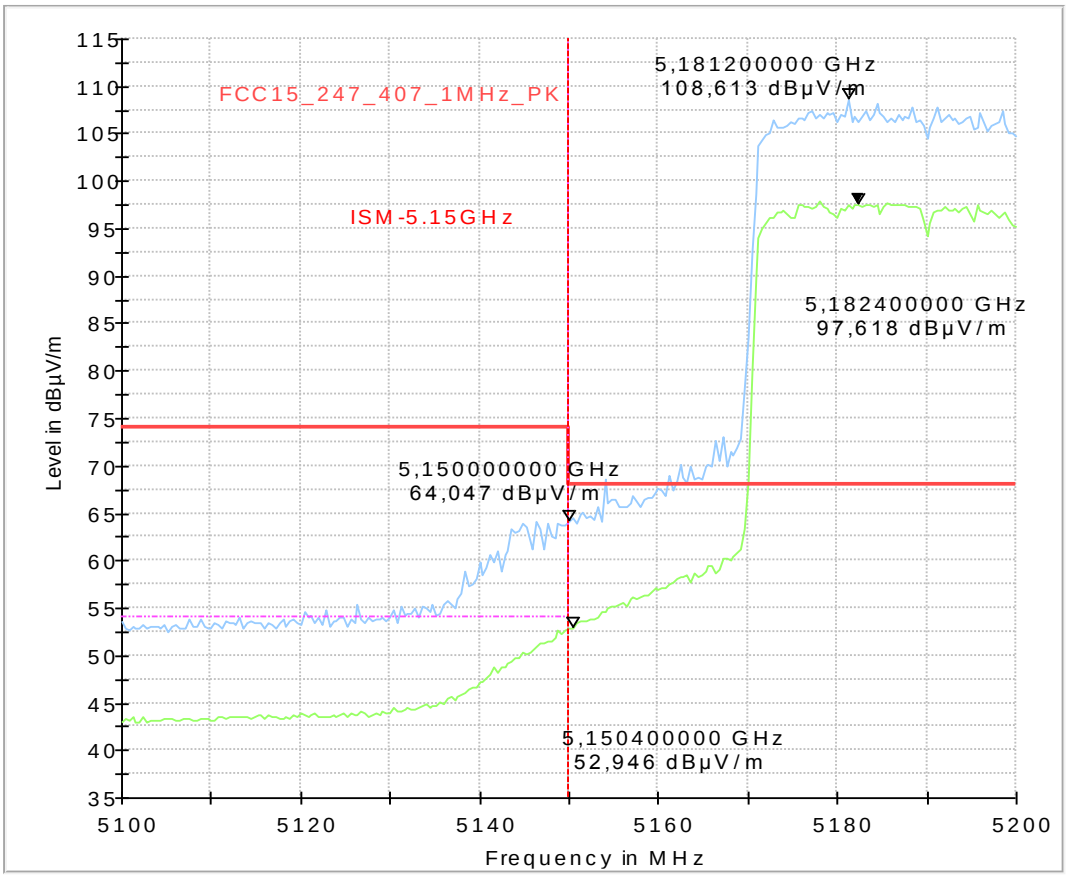
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-1 | BW 40 MHz |5190 MHz| Fixed Channel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.2. Channel 5230 MHz (U-NII-1:right band edge)

9.02_BE- VLMTX58G+WALSIN-BW40MHz-5230 MHz-+10dBm

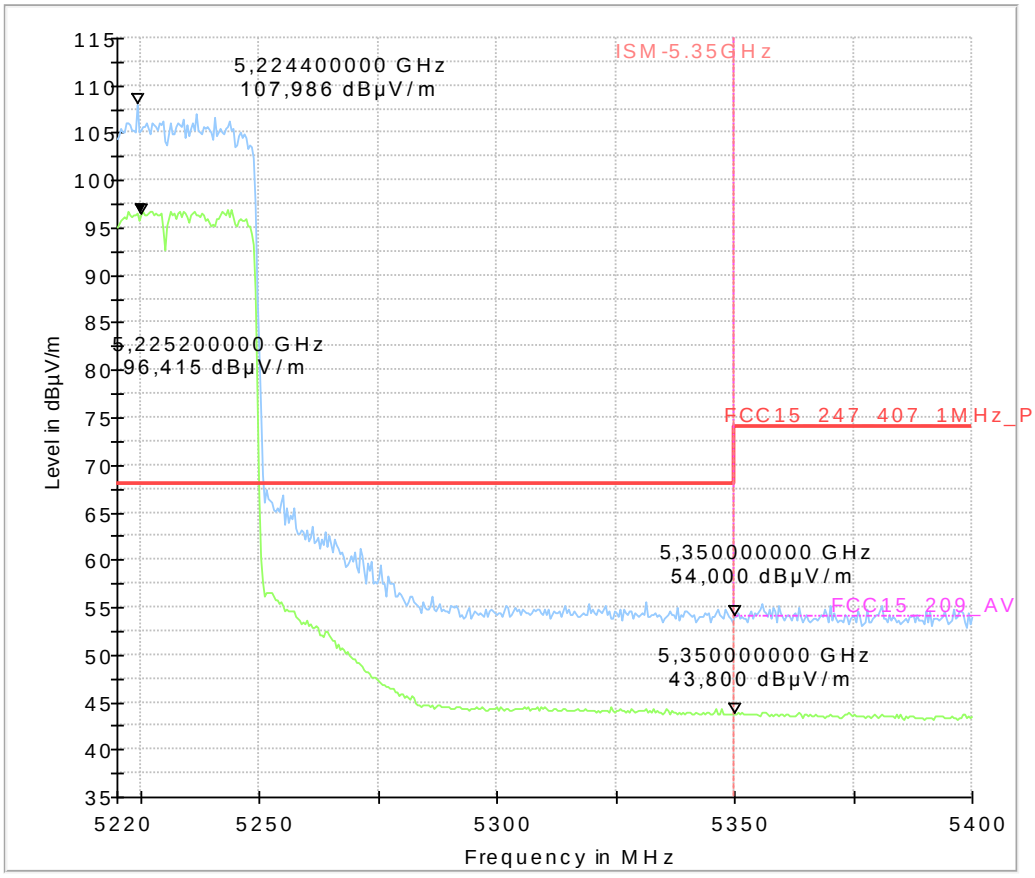
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-1 | BW 40 MHz |5230 MHz| Fixed Chanel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.3. Channel 5310 MHz (U-NII-2A: right band edge)

9.04_BE- VLMTX58G+WALSIN-BW40MHz-5310 MHz-+10dBm

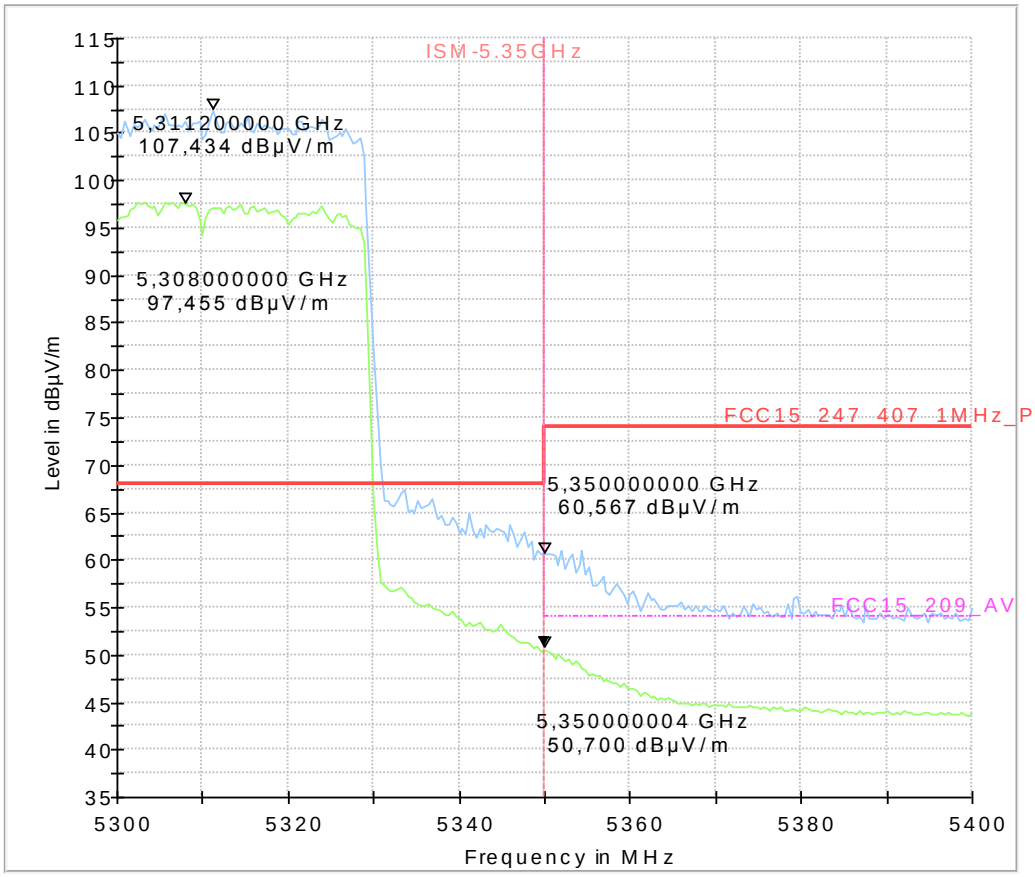
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2A | BW 40 MHz |5310 MHz| Fixed Channel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.4. Channel 5510 MHz (U-NII-2C: left band edge)

9.05_BE- VLMTX58G+WALSIN-BW40MHz-5510 MHz-+10dBm

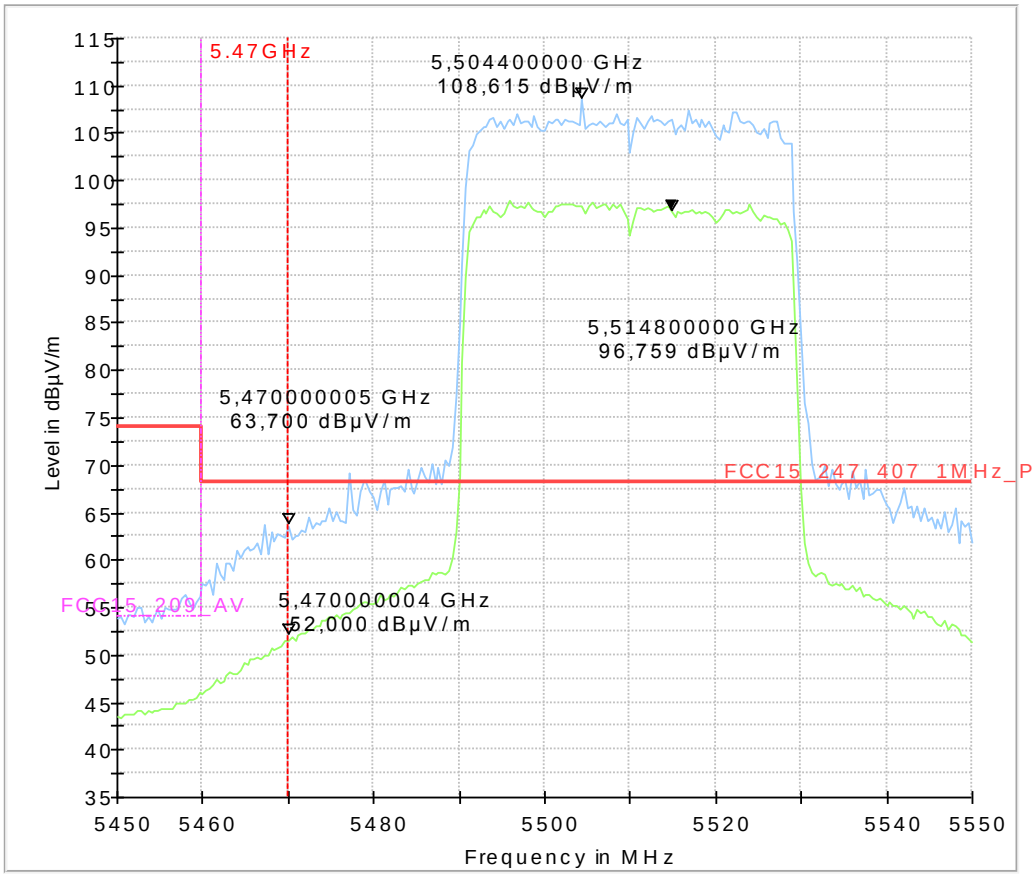
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2C | BW 40 MHz |5510 MHz| Fixed Chanel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.5. Channel 5670 MHz (U-NII-2C: right band edge)

9.07_BE- VLMTX58G+WALSIN-BW40MHz-5670 MHz-+10dBm

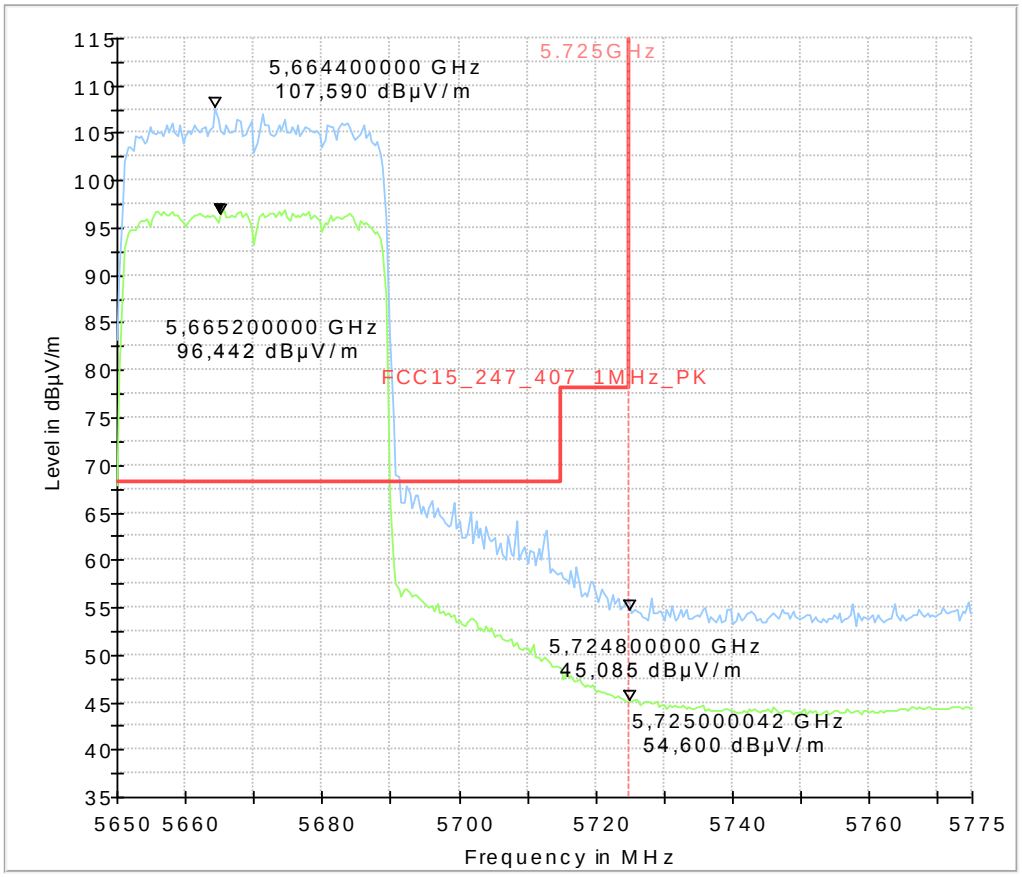
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-2C | BW 40 MHz |5670 MHz| Fixed Chanel (Modulated)
Operator Name:	KIv

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.6. Channel 5755 MHz (U-NII-3: left band edge)

9.08_BE- VLMTX58G+WALSIN-BW40MHz-5755 MHz-+10dBm

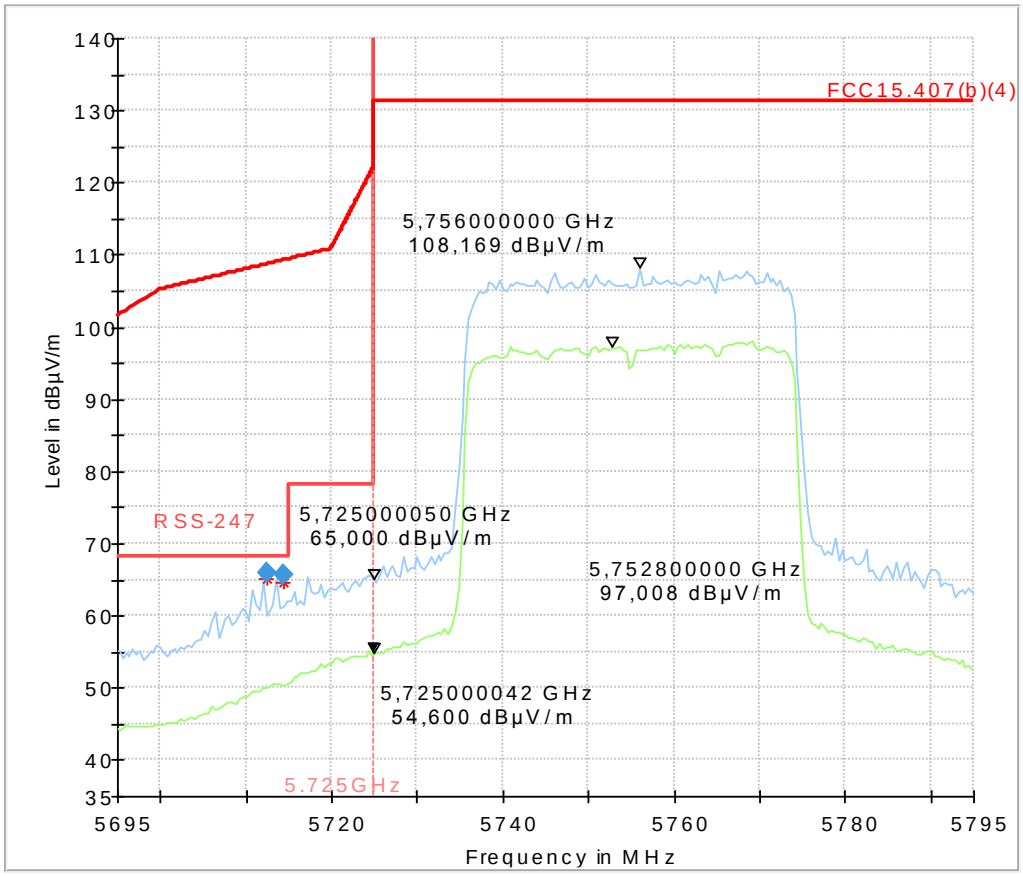
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-3 | BW 40 MHz |5755 MHz| Fixed Chanel (Modulated)
Operator Name:	APh

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum



3.7. Channel 5795 MHz (U-NII-3: right band edge)

9.09_BE- VLMTX58G+WALSIN-BW40MHz-5795 MHz-+10dBm

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous VLMTX58G+ 2X WALSIN ANTENNAS U-NII-3 | BW 40 MHz |5795 MHz| Fixed Chanel (Modulated)
Operator Name:	APh

EUT Information

Manufacturer:	Intel
Module details:	VLMTX58G
Module Type:	Video Link Module TX 5.8 GHz (Video RF Transmitter)
Module MAC version:	4.10.37.8
Module APP version:	3.13.20.0
Module Serial number:	1ABOPTX10PTXD1006160905
Antenna Details:	WALSIN PCB ANTENNA - RFPCA201018IM5B301
Antenna Type:	DIPOLE
Antenna HW version:	N/A
Antenna Gain:	5.47 dBi
Antenna Serial number:	N/A
Test Configuration:	2 X WALSIN Antenna connected to VLMTX58G Modules (J1 & J2) connector using micro-UFL connector cable 10 cm in length
Connected Interfaces:	Both of these Antennas were separated by at least 20 cm
Test Mode Settings:	Using AppCom-Version 4.0.4.26 Software
Power Supply:	5 V DC (using Laboratory DC Supply)

Full Spectrum