

Annex 4: Diagrams to
PARTIAL TEST REPORT
No.: 2-20823278n/13

According to:
FCC Regulations
Part 15.109, Part15.407

for
Sony Mobile Communications

Tablet PC
(W-LAN 5GHz)

FCC-ID: PY7TM-0042

Laboratory Accreditation and Listings			
 Deutsche Akkreditierungsstelle D-PL-12047-01-01	 Reg. No.: 736496 MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
 AUTHORIZED RF LABORATORY	 LAB CODE 20011130-00		
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1. Magnetic field strength measurements $f < 30\text{MHz}$

1.1. Channel 36 (a-Mode, 36Mbps data rate)

Diagram No. 2.01_Ch36_aMode_6MBit

Date: 11.03.2014 Page 1 of 2
 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: 8.51.0
 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 3

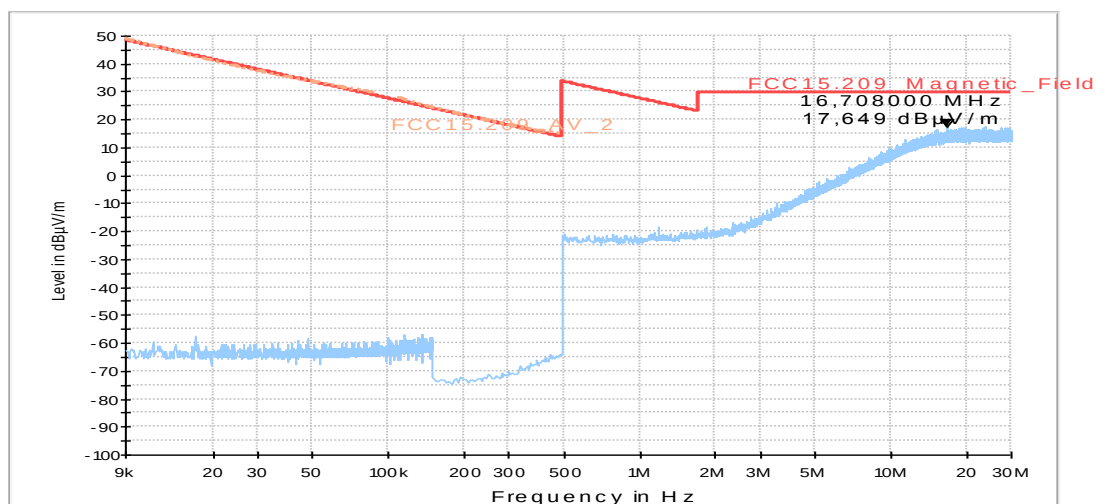
Operator: KRe
 Operating conditions: TX-on continuous, 6MBit, a-Mode
 Power during tests: 12V DC, 110V/60Hz, full loaded batteries
 Comment 1: Channel 36
 Comment 2:

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA-/ LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

FCC15.209_magn hor+vert



1.2. Channel 64 (a-Mode, 6Mbps data rate)

Diagram No. 2.02_Ch64_aMode_6MBit

Test description:	Date: 11.03.2014 Page 1 of 2
Test site and distance:	Magnetic Field Strength Measurement related to 30/300 m distance
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Distance correction:	8.51.0
Technical Data:	used accord. table, pls. see test report
Rec. antenna (pre-scan):	Please see page 2 for detailed data of measurement setup
Used filter:	height 1.00 m, parallel and 90° to EUT polarisation
Test specification:	bypass
	FCC 15.205 § 15.209; RSS-Gen: Issue 3

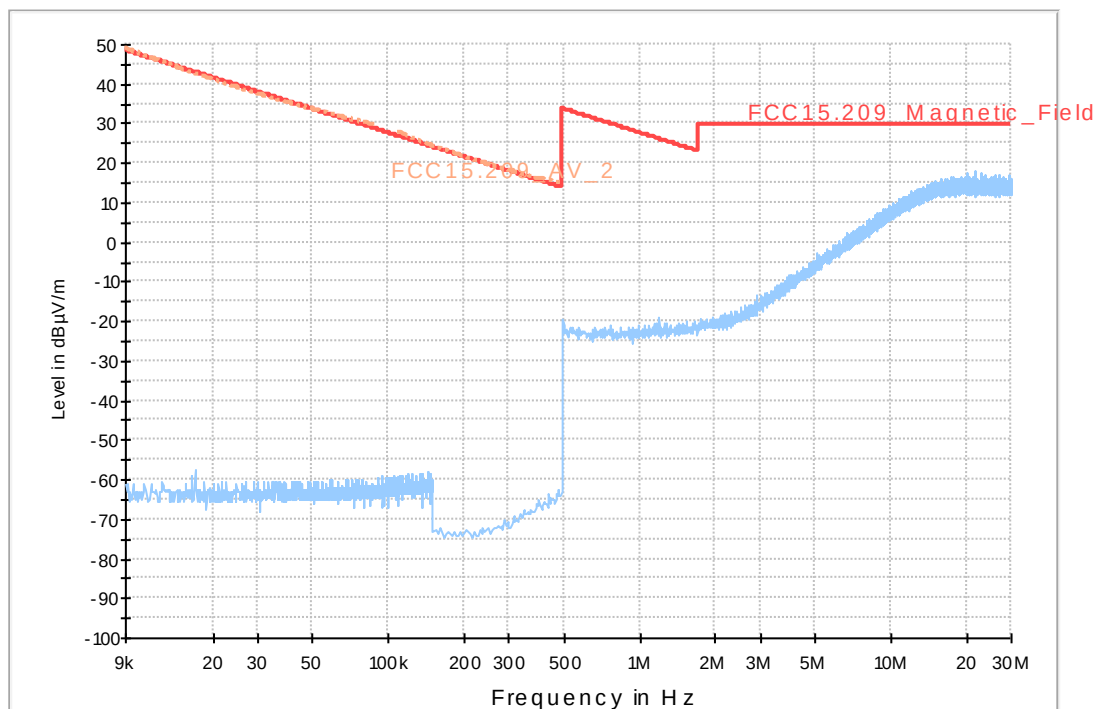
Operator:	KRe
Operating conditions:	TX-on continuous, 6MBit, a-Mode
Power during tests:	12V DC, 110V/60Hz, full loaded batteries
Comment 1:	Channel 64
Comment 2:	

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

FCC15.209_magn hor+vert



1.3. Channel 140 (AC20-Mode, MCS7 data rate)

Diagram No. 2.03_Ch140_ac20Mode_MCS7

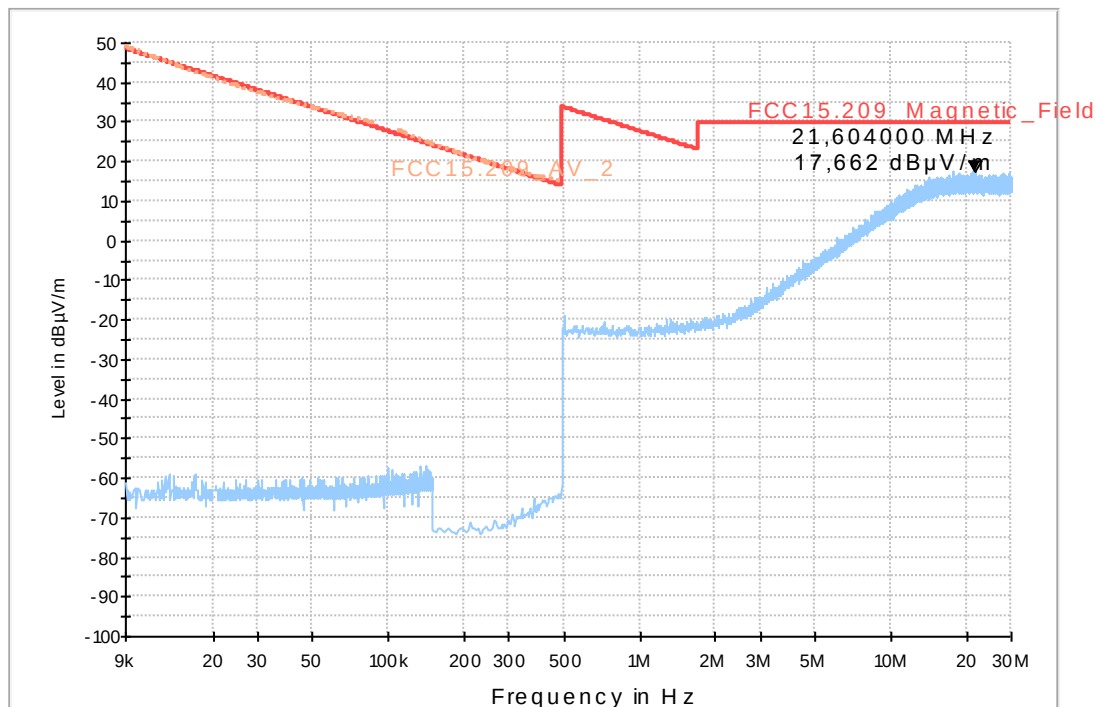
Date: 11.03.2014 Page 1 of 2
 Test description: Magnetic Field Strength Measurement related to 30/300 m distance
 Test site and distance: Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
 Version of Testsoftware: 8.51.0
 Distance correction: used accord. table, pls. see test report
 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 3

Operator: KRe
 Operating conditions: TX-on continuous, MCS7, ac20-Mode
 Power during tests: 12V DC, 110V/60Hz, full loaded batteries
 Comment 1: Channel 140
 Comment 2:

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC
EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

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1.4. Channel 62 (AC40-Mode, MCS3 data rate)

Diagram No. 2.04_Ch62_ac40Mode_MCS3

Date: 11.03.2014 Page 1 of 2
 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: 8.51.0
 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 3

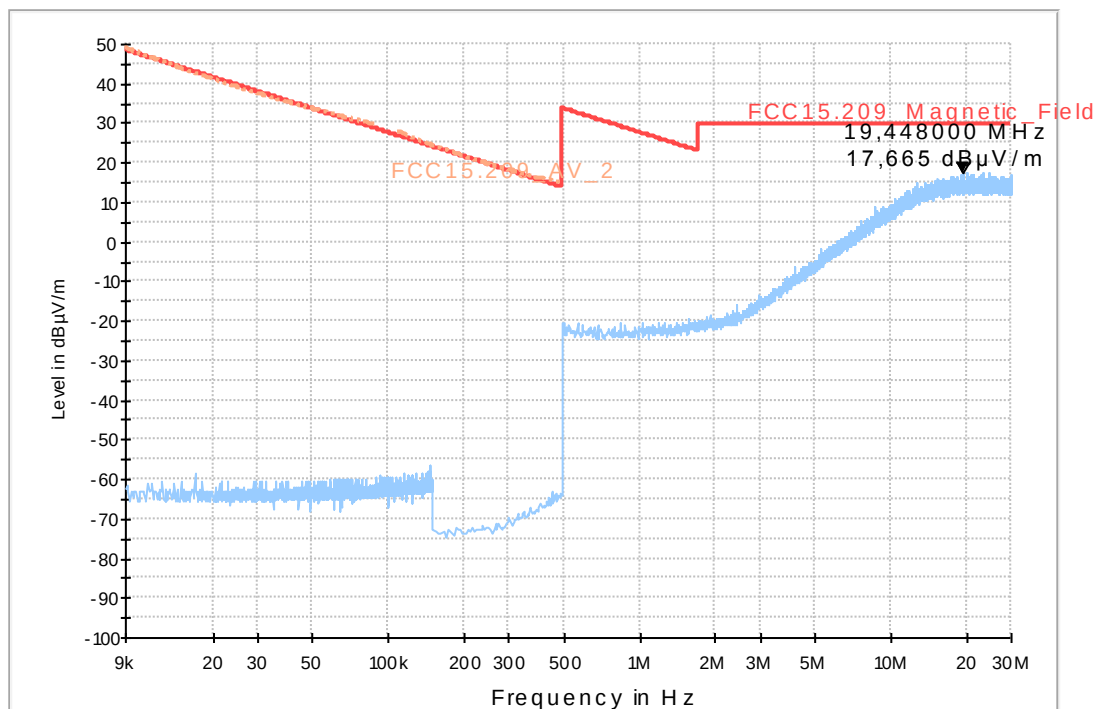
Operator: KRe
 Operating conditions: TX-on continuous, MCS3, ac40-Mode
 Power during tests: 12V DC, 110V/60Hz, full loaded batteries
 Comment 1: Channel 62
 Comment 2:

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

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1.5. Channel 58 (AC80-Mode, MCS9 data rate)

Diagram No. 2.05_Ch58_ac80Mode_MCS9

Test description:	Date: 11.03.2014 Page 1 of 2
Test site and distance:	Magnetic Field strength Measurement related to 30/300 m distance
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Distance correction:	8.51.0
Technical Data:	used accord. table, pls. see test report
Rec. antenna (pre-scan):	Please see page 2 for detailed data of measurement setup
Used filter:	height 1.00 m, parallel and 90° to EUT polarisation
Test specification:	bypass
	FCC 15.205 § 15.209; RSS-Gen: Issue 3

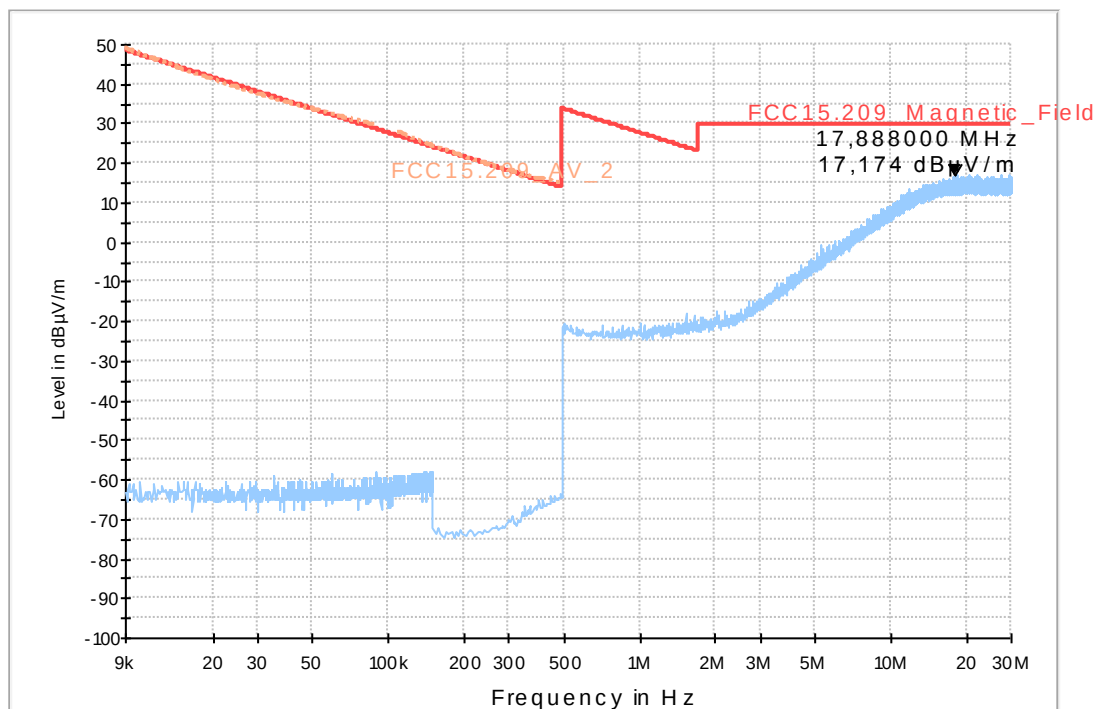
Operator:	KRe
Operating conditions:	TX-on continuous, MCS9, ac80-Mode
Power during tests:	12V DC, 110V/60Hz, full loaded batteries
Comment 1:	Channel 58
Comment 2:	

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

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2. Radiated field strength measurements 30MHz<f<1GHz

2.1. Channel 36 (a-Mode, 36Mbps data rate)

Diagram No. 3.01_Ch36_aMode_36MBit

14.03.2014 Page 1 of 1
 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 V8.51.0
 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 3

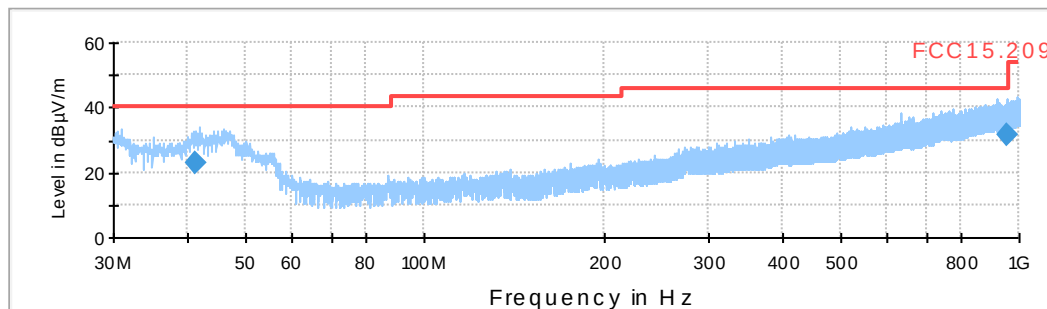
Operator: ABA
 Operating conditions: WLAN
 Power during tests: 120V 60Hz
 Comment 1:

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA- /LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

01_FCC15.209_hor+vert_kipp



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
41.250000	22.9	1000.0	120.000	277.0	H	298.0	90.0	17.0	17.10
...	...	...	...	...	...	...	...	...	...

(continuation of the "Final Result 1" table from column 10 ...)

Frequency	Limit (dBµV/m)
41.250000	40.00
...	...

2.2. Channel 64 (a-Mode, 6Mbps data rate)

Diagram No. 3.02_Ch64_aMode_6MBit

14.03.2014 Page 1 of 1
 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 V8.51.0
 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 3

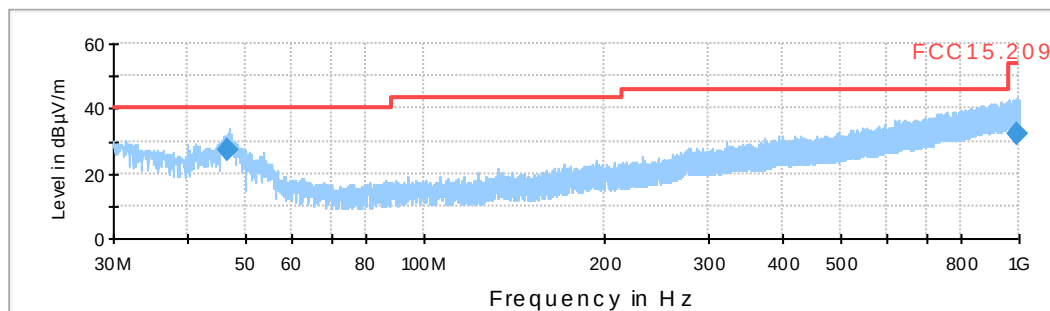
Operator: ABA
 Operating conditions: WLAN
 Power during tests: 120V 60Hz
 Comment 1:

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA-/LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

01_FCC15.209_hor+vert_kipp



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
46.590000	27.0	1000.0	120.000	105.0	V	277.0	90.0	14.8	13.00
...	...	...	...	...	...	...	...	...	...

(continuation of the "Final Result 1" table from column 10 ...)

Frequency	Limit (dBµV/m)
46.590000	40.00
...	...

2.3. Channel 140 (AC20-Mode, MCS7 data rate)

Diagram No. 3.03_Ch140_ac20Mode_MCS7

14.03.2014 Page 1 of 1
 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 V8.51.0
 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 3

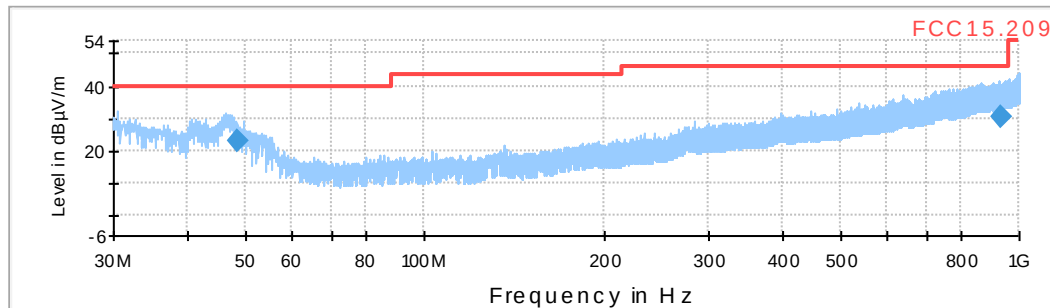
Operator: ABA
 Operating conditions: WLAN
 Power during tests: 120V 60Hz
 Comment 1:

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA-/LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

01_FCC15.209_hor+vert_kipp



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin (dB)
48.440000	23.0	1000.0	120.000	105.0	V	291.0	0.0	14.2	17.00
...	...	...	...	...	...	...	...	...	...

(continuation of the "Final Result 1" table from column 10 ...)

Frequency	Limit (dBµV/m)
48.440000	40.00
...	...

2.4. Channel 62 (AC40-Mode, MCS3 data rate)

Diagram No. 3.04_Ch62_AC40_MCS3

14.03.2014 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: 8.51.0
 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 3

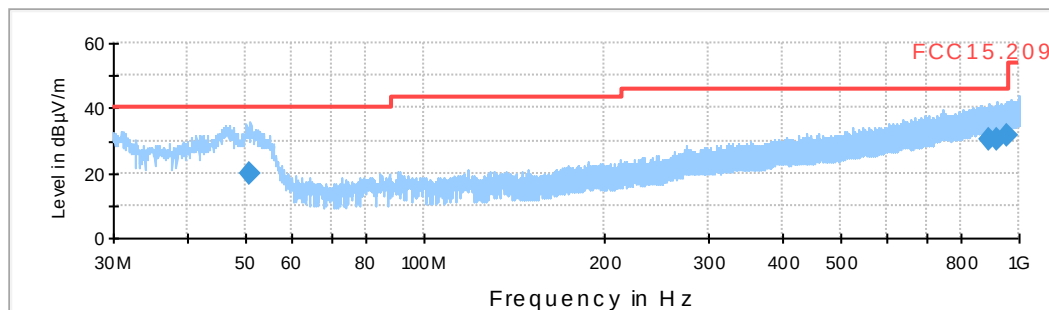
Operator: dpa
 Operating conditions: WLAN 2,4GHz, Ch62, AC40, MCS3
 Power during tests: 120V 60Hz
 Comment 1:

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA-/ LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

01_FCC15.209_hor+vert_kipp



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin (dB)
50.730000	19.8	1000.0	120.000	105.0	V	246.0	90.0	13.3	20.20
891.050000	30.1	1000.0	120.000	200.0	V	283.0	0.0	26.8	15.90
916.030000	30.6	1000.0	120.000	300.0	H	198.0	0.0	27.3	15.40
955.550000	31.3	1000.0	120.000	350.0	H	2.0	0.0	27.5	14.70

(continuation of the "Final Result 1" table from column 10 ...)

Frequency	Limit (dBµV/m)
50.730000	40.00
891.050000	46.00
916.030000	46.00
955.550000	46.00

2.5. Channel 58 (AC80-Mode, MCS0 data rate)

Diagram No. 3.05_Ch58_AC80_MCS0

17.03.2014 Page 1 of 1
 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: 8.51.0
 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 3

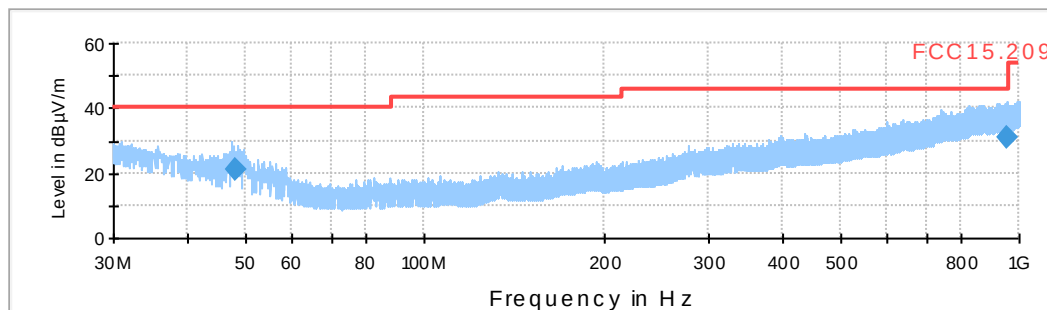
Operator: dpa
 Operating conditions: TX-on continuous, WLAN ac80, Ch58, MCS0
 Power during tests: 120V 60Hz, battery fully charged
 Comment 1:

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA- /LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

01_FCC15.209_hor+vert_kipp



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Corr. (dB)	Margin - QPK (dB)
48.030000	20.8	1000.0	120.000	105.0	V	2.0	90.0	14.3	19.20
951.020000	31.1	1000.0	120.000	197.0	V	331.0	90.0	27.5	14.90

(continuation of the "Final Result 1" table from column 10 ...)

Frequency (MHz)	Limit - QPK (dBµV/m)
48.030000	40.00
951.020000	46.00

3. Radiated field strength measurements f>1GHz

3.1. Channel 36 (a-Mode, 36Mbps)

Diagram No.: 4.01_Ch36_aMode_6Mbit

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

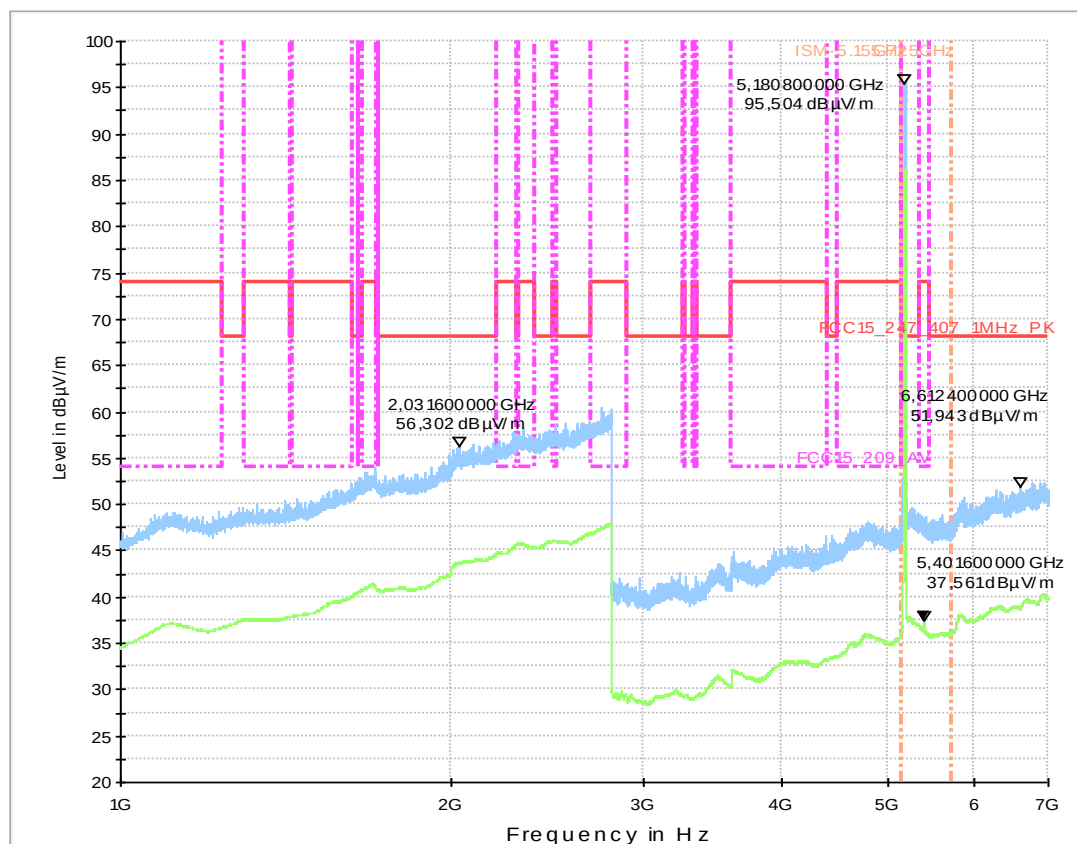
Operation mode: TX, continuous
 Operator Name: HLa
 Comment: Channel no. low=36, a-Mode, 20MHz

EUT Information

Manufacturer: Sony Mobile Communications AB
 EuT: PY7TM-0042
 Type: GSM-/ WCDMA- /LTE Tablet PC

 RSE #01
 AP1
 HW Version: 17.1.D.0.108
 SW Version: -
 SVN: -
 Sereial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 230VAC during test
 Comments: -

00431_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: 00431_SM1_KP1_WLAN_FCC15407

Diagram No.: 4.01b_Ch36_aMode_36MBit

Common Information

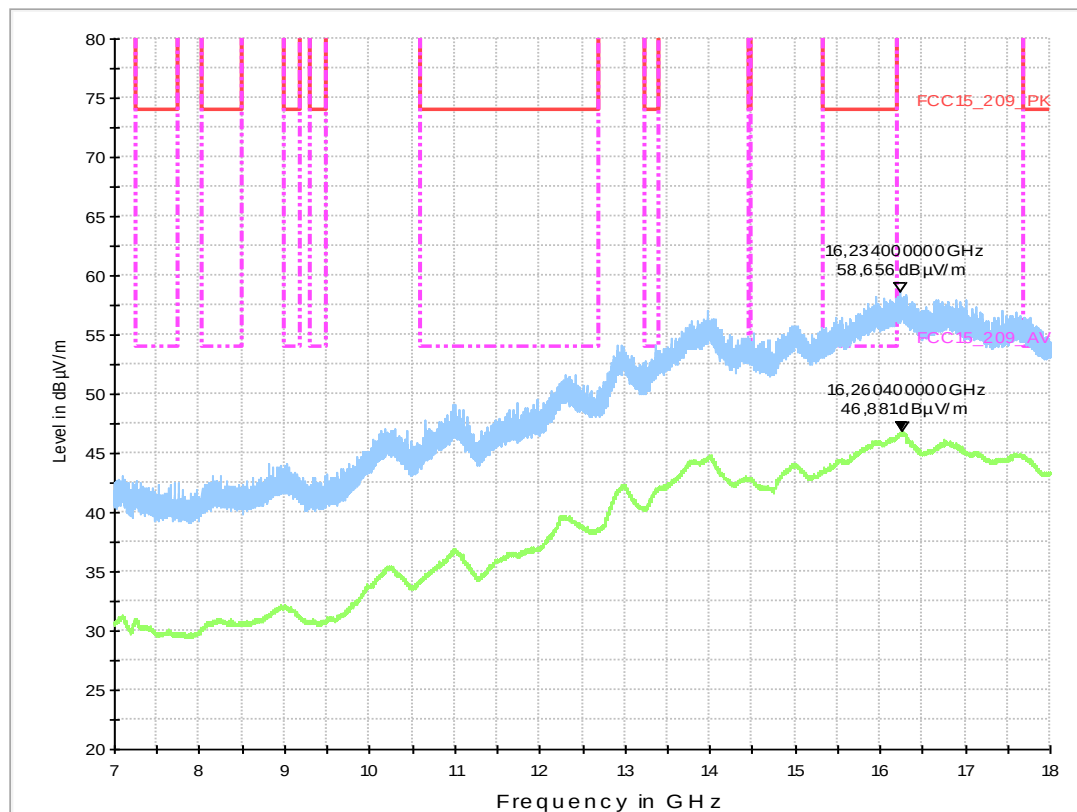
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 5G TX, continuous, a-Mode, 36MB, Ch36
Operator Name:	hta
Comment:	Channel no. 36
Test Conditions:	Humidity: 33%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15247



3.2. Channel 48 (AC20-Mode, MCS4 data rate)

Diagram No.: 4.02a_Ch48_ac20Mode_MSC4

Common Information

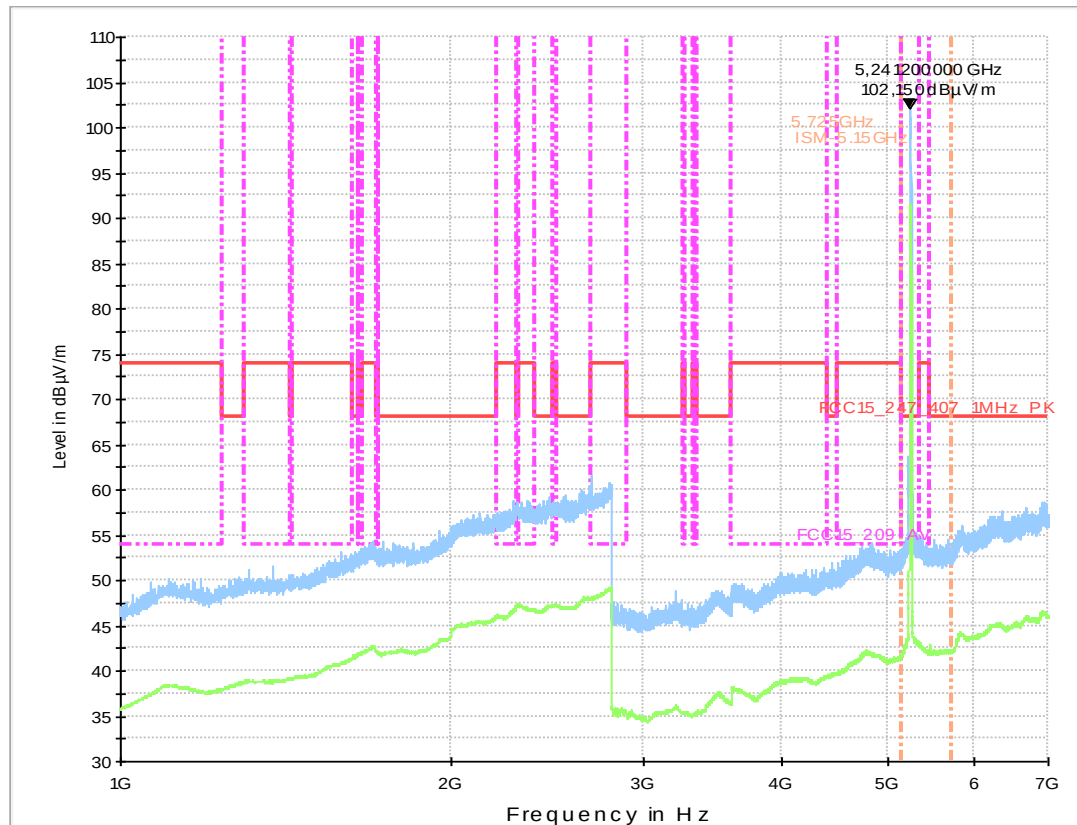
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, MSC4, ac20-Mode
Operator Name:	ABA
Comment:	Channel no. 48

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: 00431_Sweep1_SM1_KP1_WLAN_FCC15407

Diagram no. 4.02b_Ch48_AC20_MCS4

Common Information

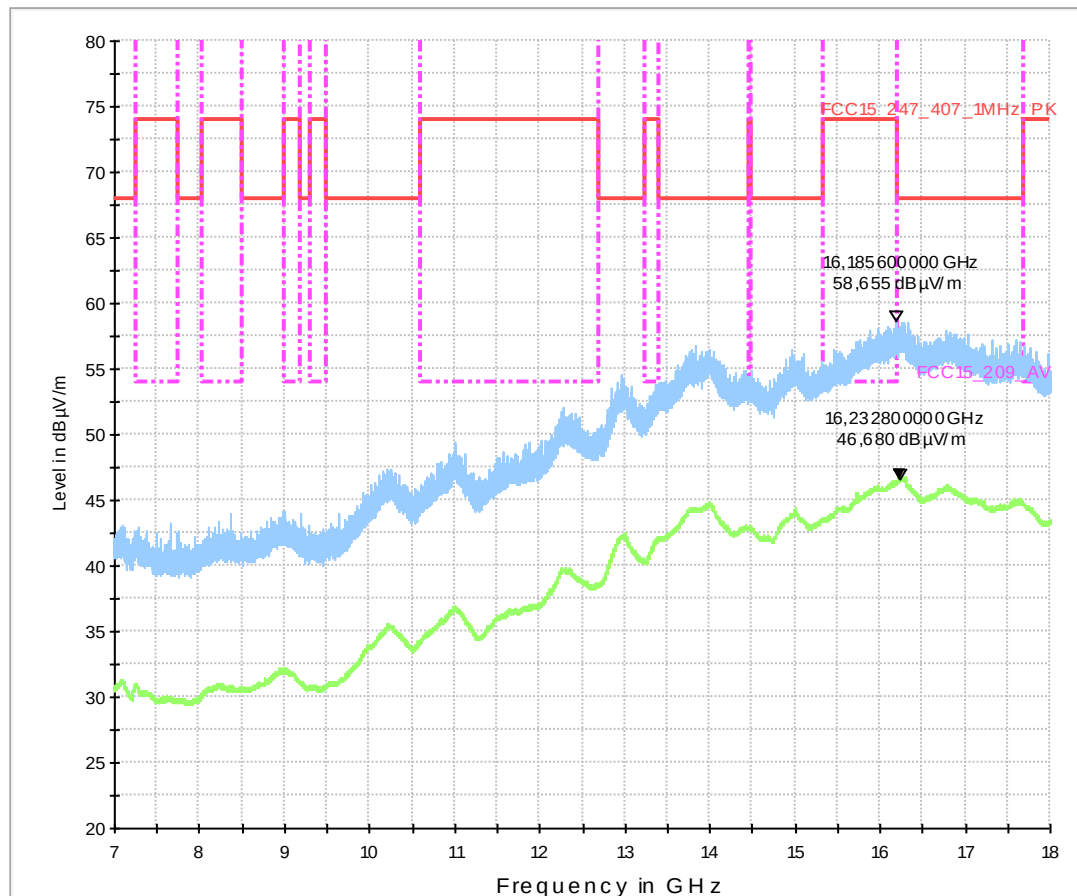
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC20-Mode, MCS4
Operator Name:	Lor
Comment:	Channel no. high=48

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: Sweep2_SM1_KP1_WLAN_FCC15407

3.3. Channel 52 (AC20-Mode, MCS6 data rate)

Diagram No.: 4.03a_Ch52_AC20_MCS6

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, MCS6, AC20-Mode
Operator Name:	hta
Comment:	Channel no. low=52
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(2)

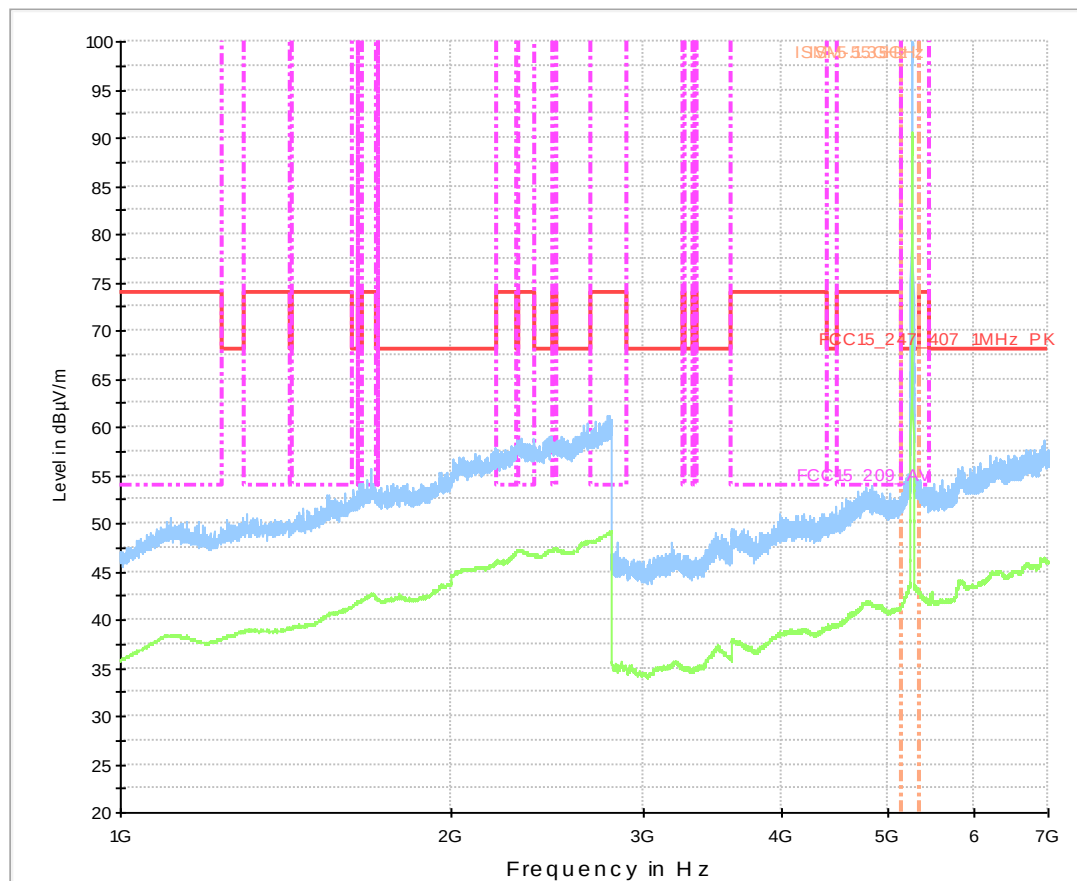


Diagram No.: 4.03b_Ch52_ac20Mode_MCS6

Common Information

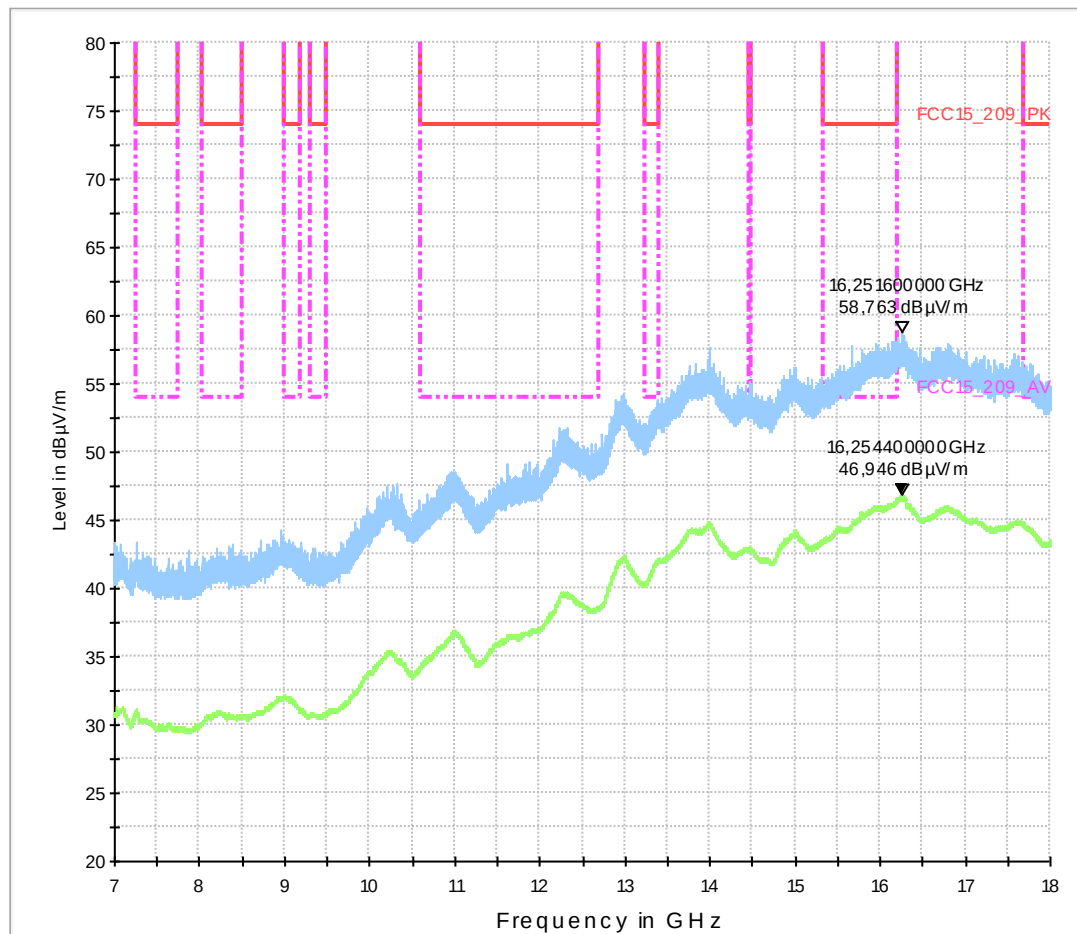
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 5G TX, continuous, AC20Mode, MCS6, Ch52
Operator Name:	hta
Comment:	Channel no. 52
Test conditions:	Humidity: 33%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15247



3.4. Channel 64 (a-Mode, 6Mbps data rate)

Diagram No.: 4.04a_Ch64_aMode_6MBit

Common Information

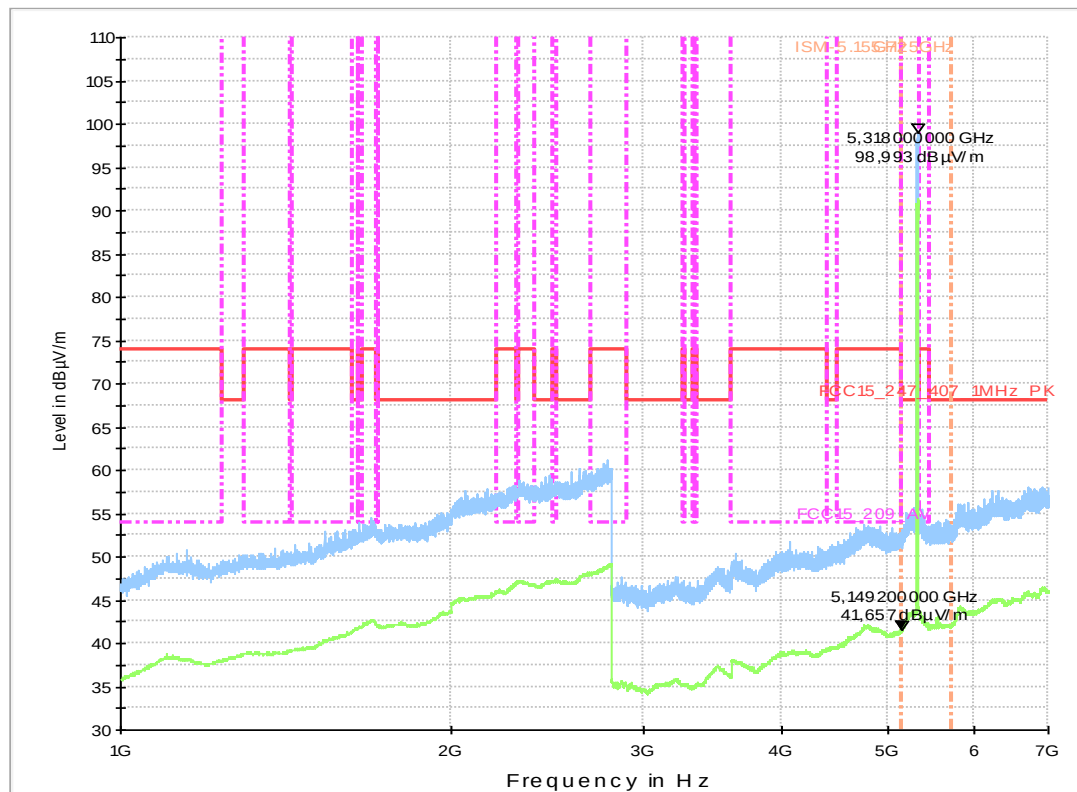
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, 6MBit, a-Mode
Operator Name:	ABA
Comment:	Channel no. high=64

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: 00431_Sweep1_SM1_KP1_WLAN_FCC15407

Diagram No.: 4.04b_Ch64_a-Mode_6MBit

Common Information

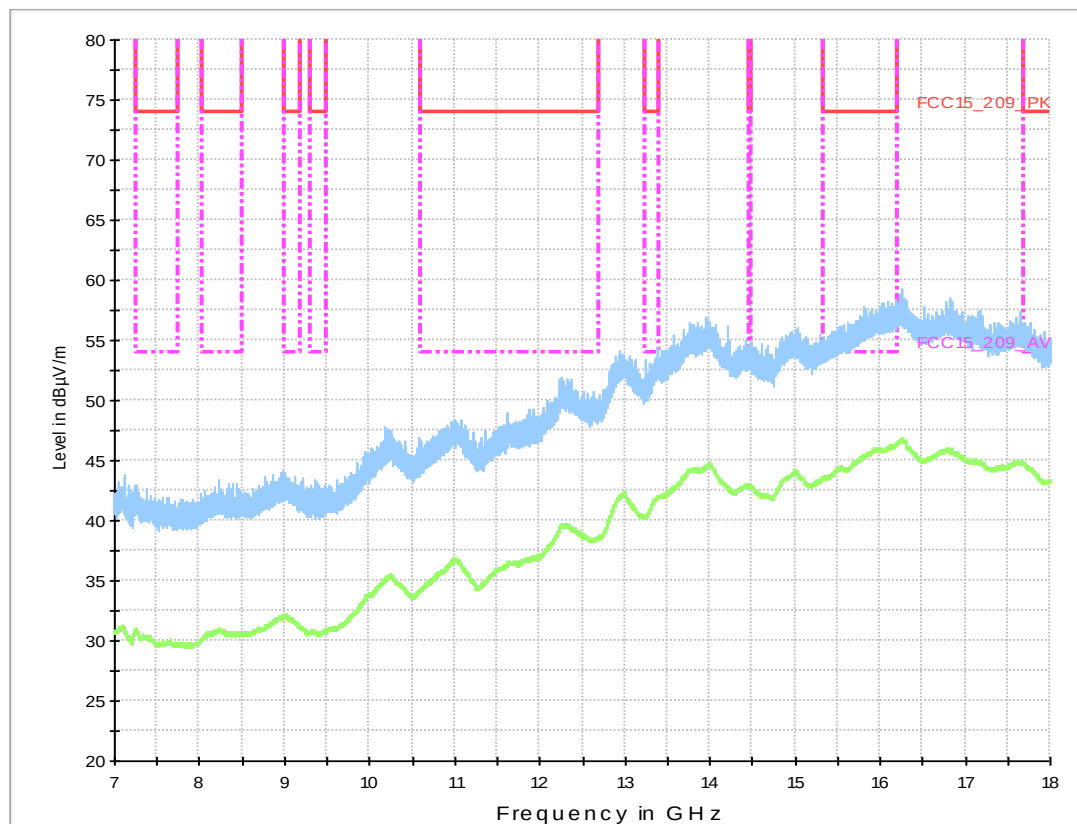
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 5G TX, continuous, a-Mode, 6MB, Ch64
Operator Name:	hta
Comment:	Channel no. 64
Test Conditions:	Humidity: 33%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15247



3.5. Channel 100 (AC20-Mode, MCS6 data rate)

Diagram No.: 4.05a_Ch100_AC20_MCS6

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, MCS6, AC20-Mode
Operator Name:	hta
Comment:	Channel no. low=100
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC
EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407 (b)(3)

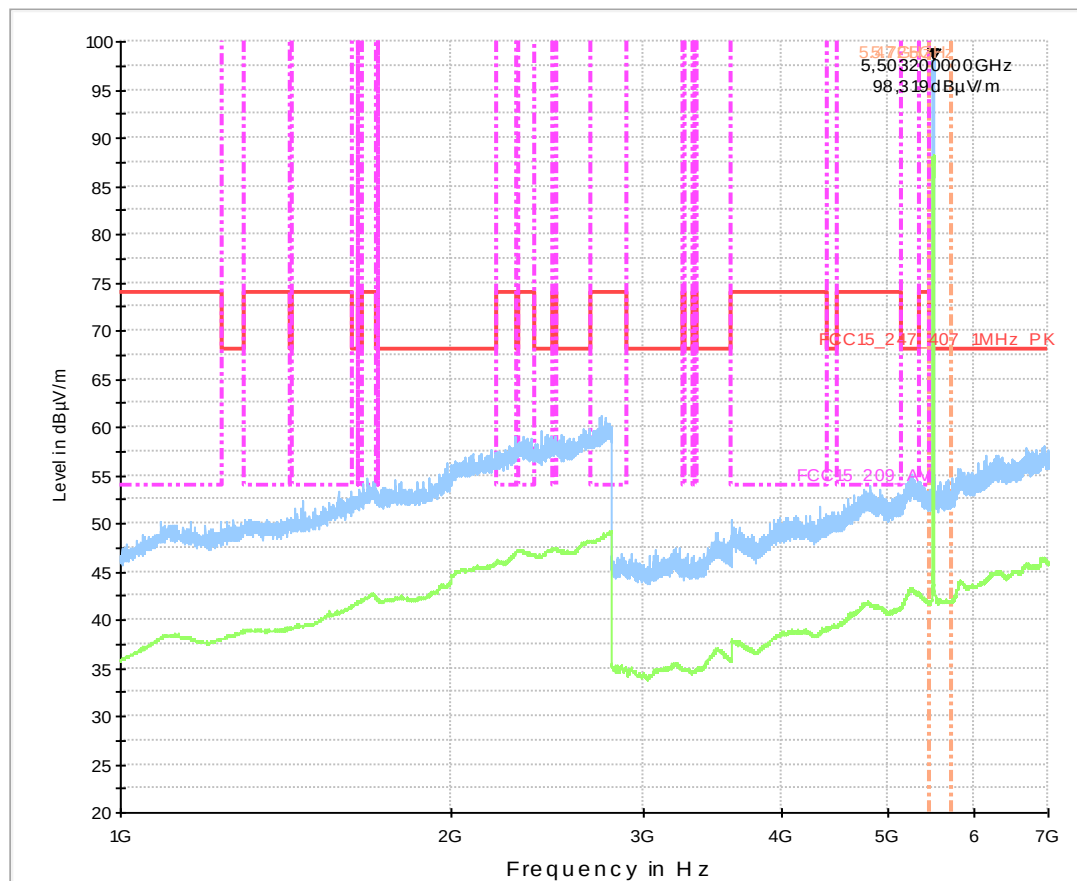


Diagram No.: 4.05b_Ch100_ac20-Mode_MSC6

Common Information

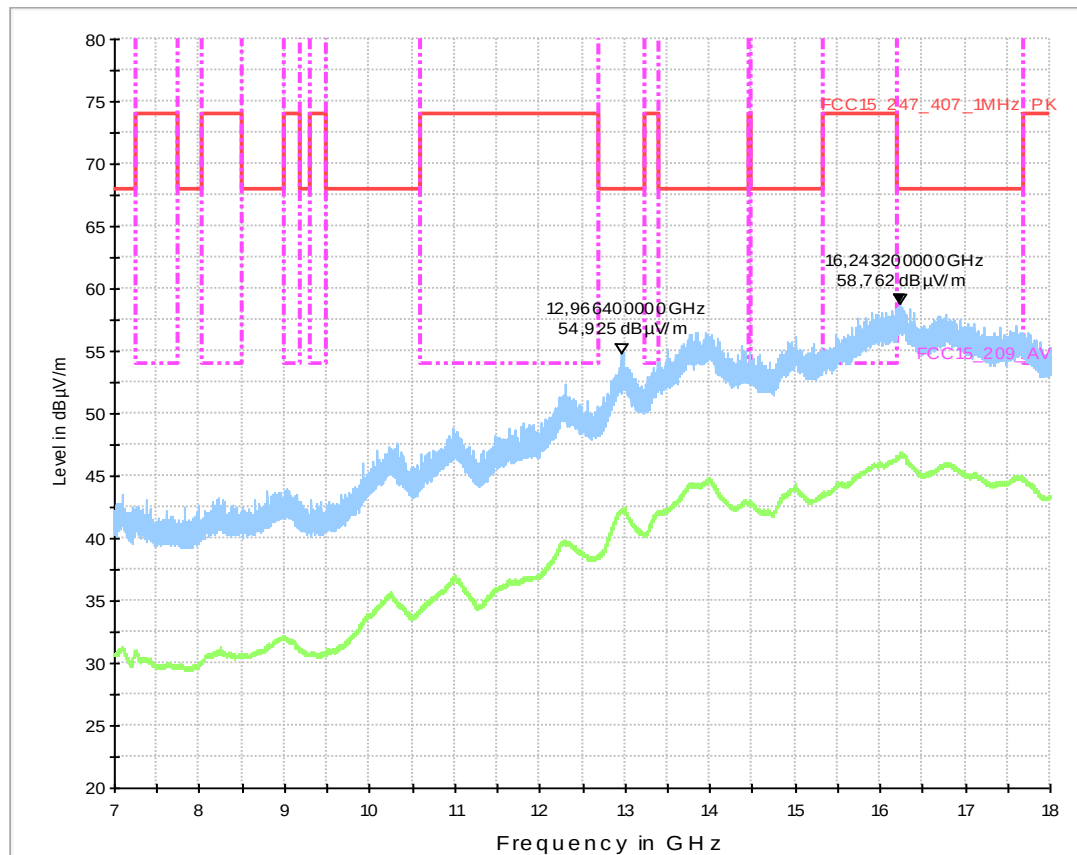
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC20-Mode, MCS6
Operator Name:	Lor
Comment:	Channel no. low=100

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: Sweep2_SM1_KP1_WLAN_FCC15407

3.6. Channel 116 (a-Mode, 6Mbps)

Diagram No.: 4.06a_Ch116_aMode_6MBit

Common Information

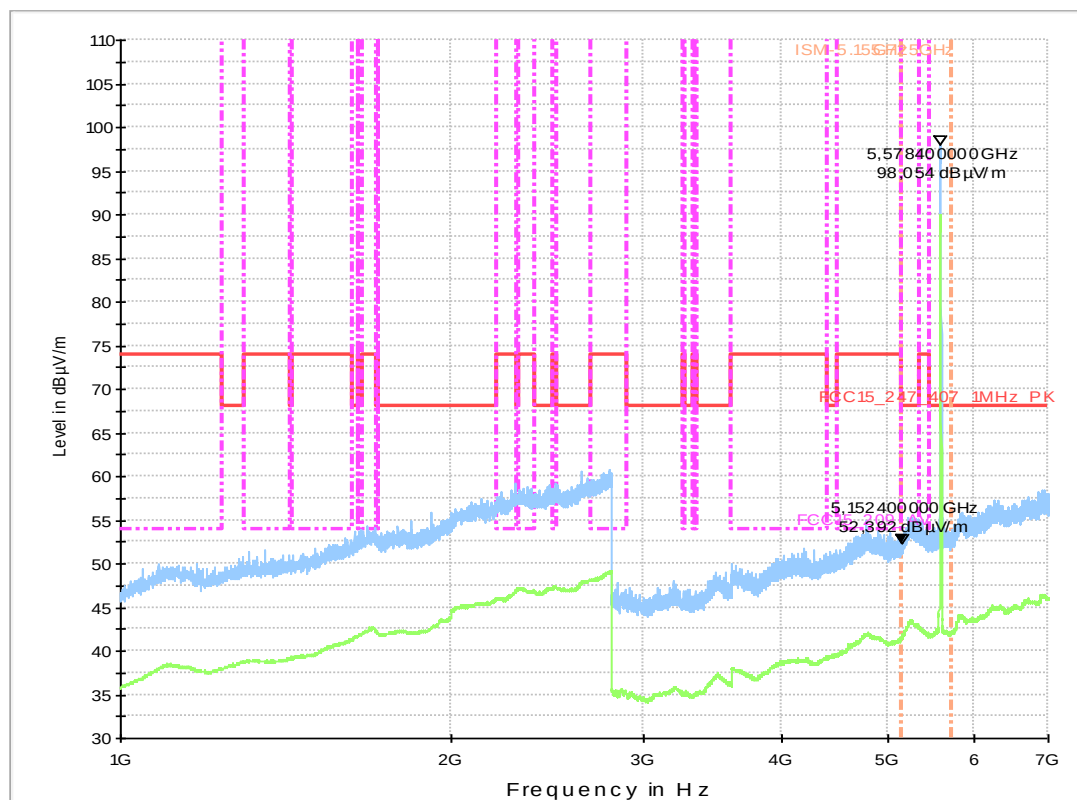
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, 6MBit, a-Mode
Operator Name:	ABA
Comment:	Channel no. 116

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: 00431_Sweep1_SM1_KP1_WLAN_FCC15407

Diagram No.: 4.06b_Ch116_a-Mode_6MBit

Common Information

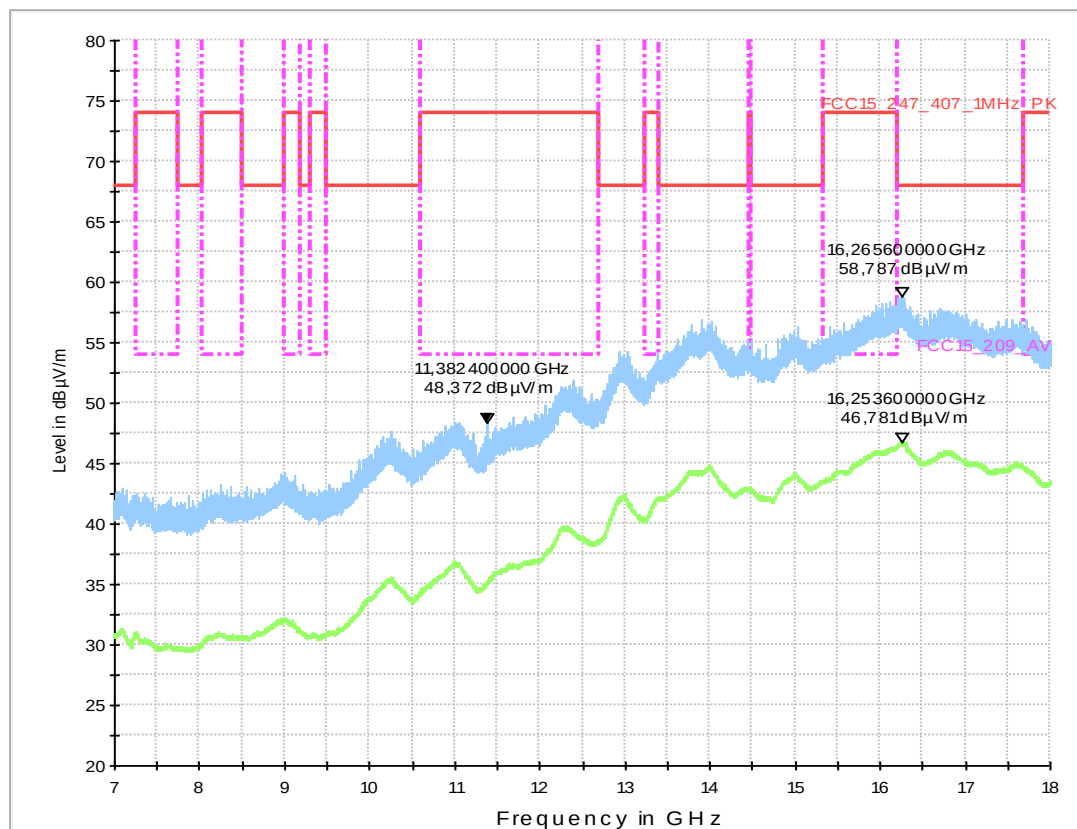
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, a-Mode, MCS6
Operator Name:	Lor
Comment:	Channel no. high=116

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: Sweep2_SM1_KP1_WLAN_FCC15407

3.7. Channel 140 (AC20-Mode, MCS7)

Diagram No.: 4.07a_Ch140_AC20_MCS7

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, MCS7, AC20-Mode
Operator Name:	ka
Comment:	Channel no. high=140
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407 (b)(3)

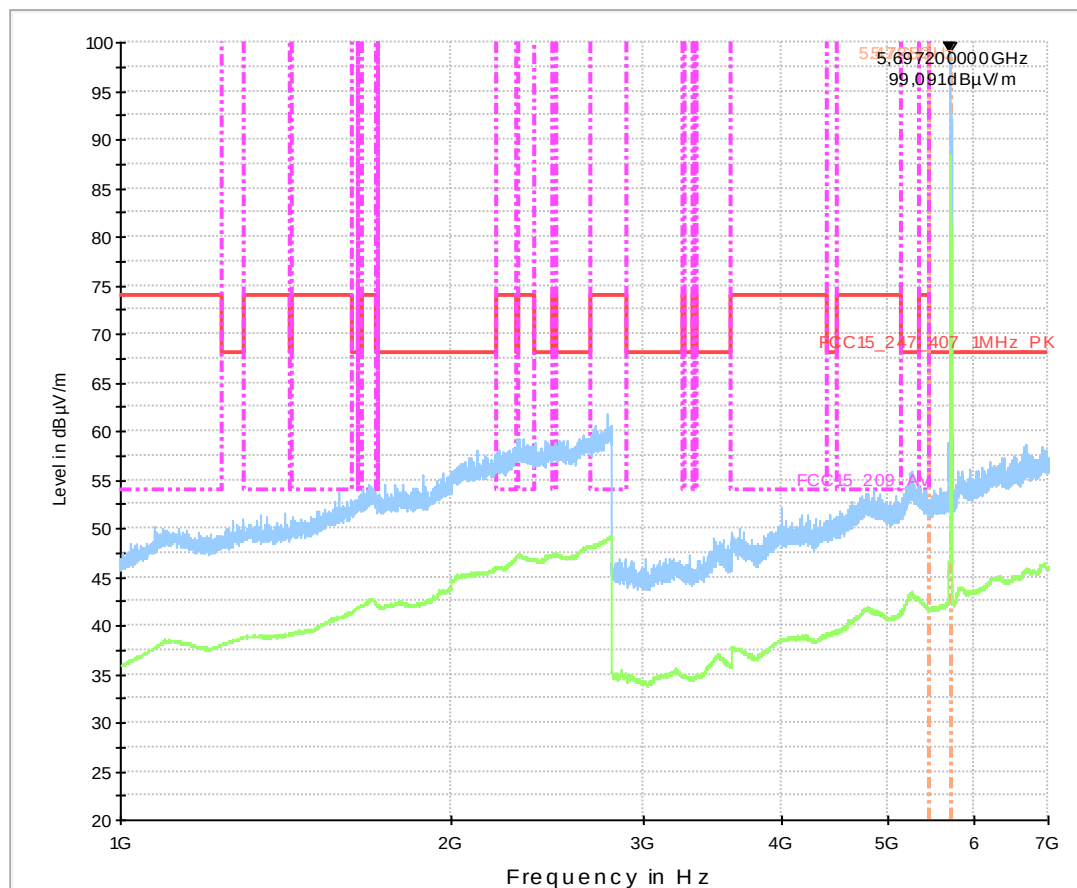


Diagram No.: 4.07b_Ch140_ac20Mode_MCS7

Common Information

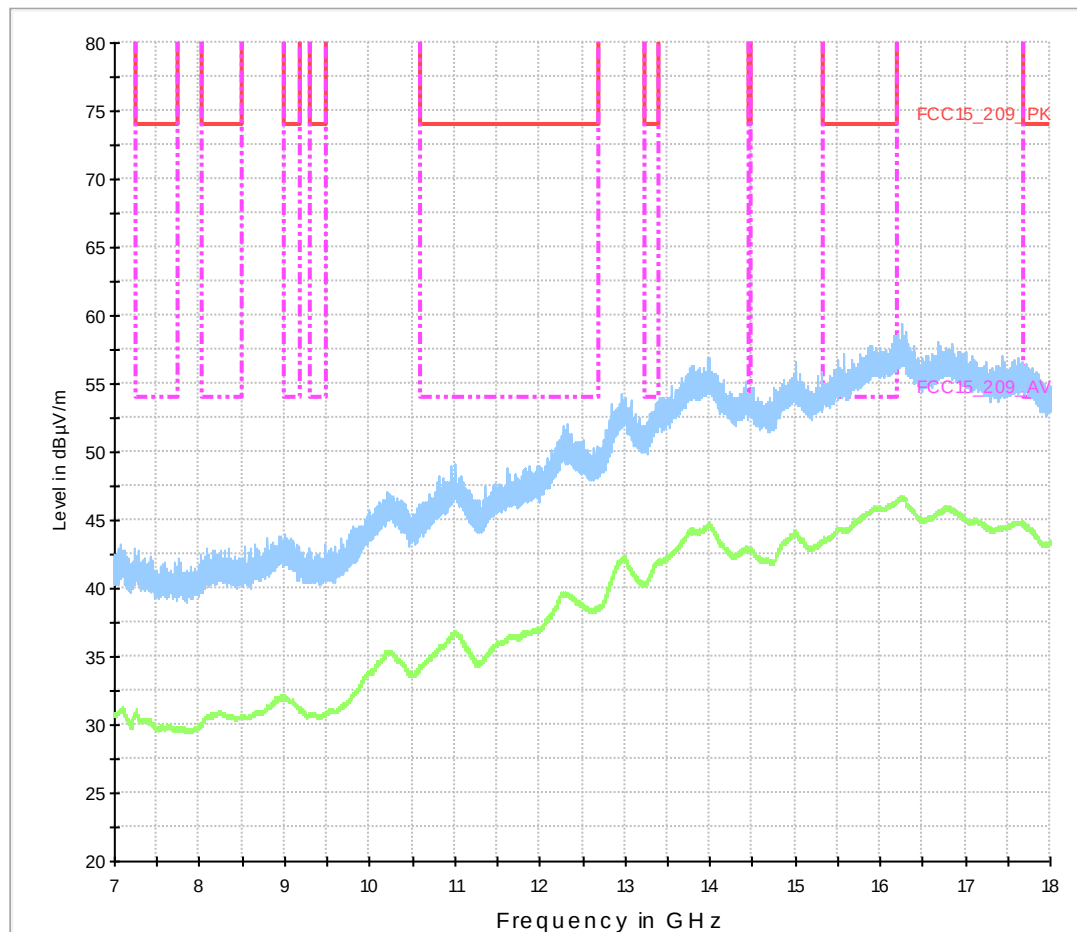
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	Wlan 5G TX, continuous, AC20Mode, MCS7, Ch140
Operator Name:	hta
Comment:	Channel no. 140
Test Conditions:	Humidity: 32%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15247



3.8. Channel 38 (AC40-Mode, MCS7 data rate)

Diagram No.: 4.08a_Ch38_AC40_MCS7

Common Information

Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.407&15.209 Intentional Radiator
 Antenna polarisation: horizontal/vertical

Operation mode: TX, continuous, AC40-Mode, MCS7
 Operator Name: kta
 Comment: Channel no. low=38
 Test Conditions: Humidity: 34%rH; Temperature: 22°C

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA-/ LTE Tablet PC

EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(1)

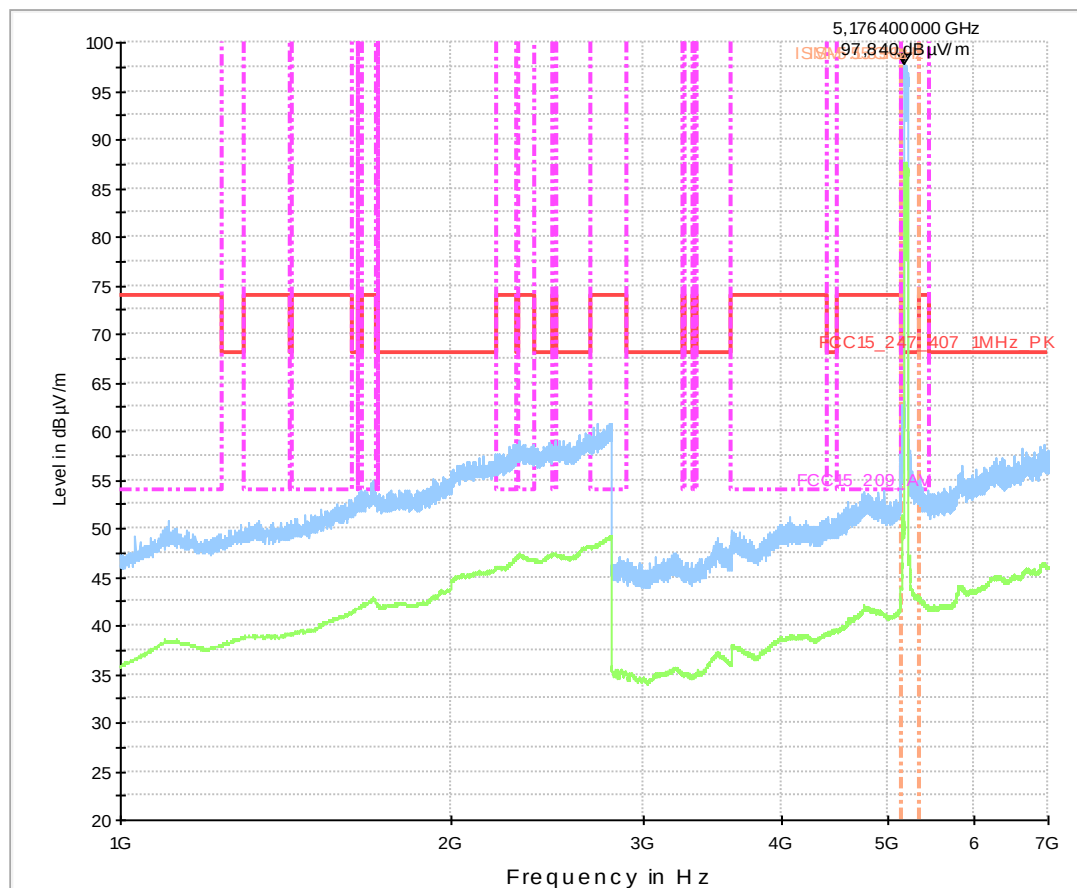


Diagram No.: 4.08b_Ch38_AC40_MCS7

Common Information

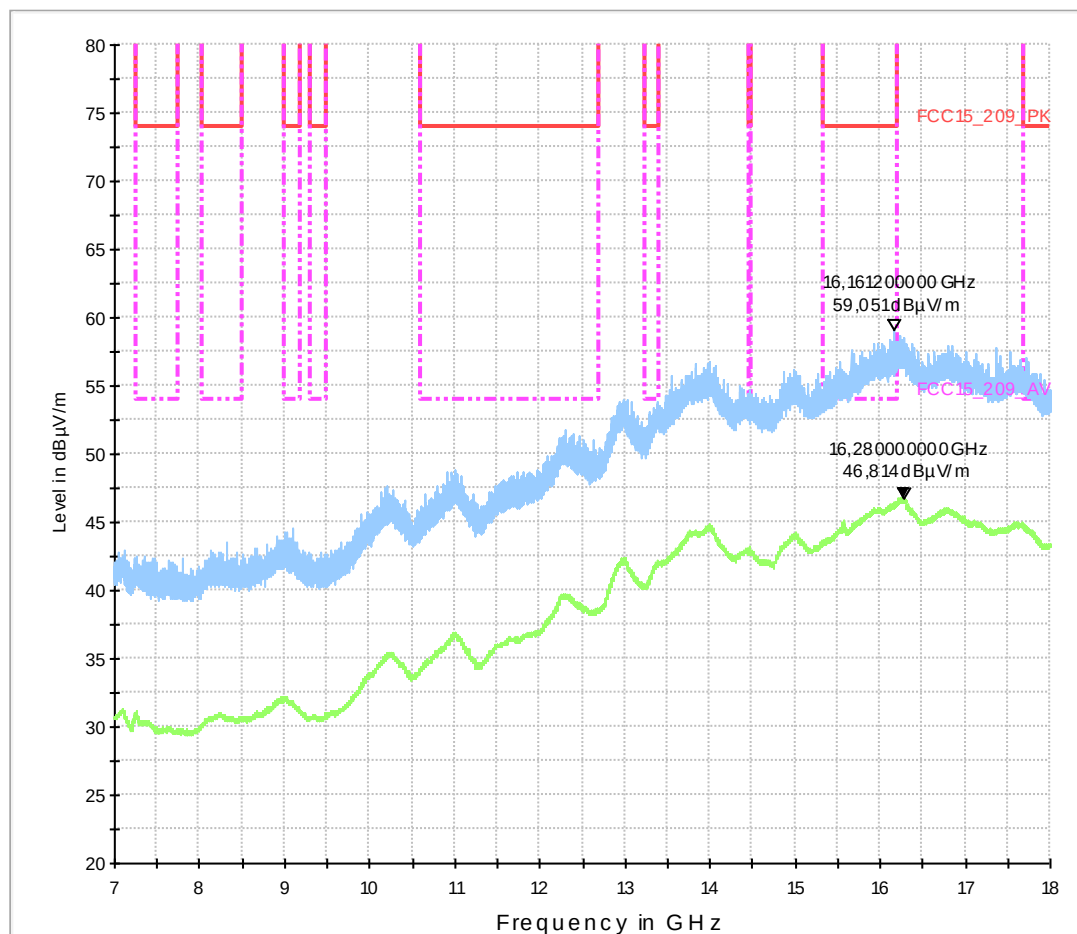
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 5G TX, continuous, AC40Mode, MCS7, Ch38
Operator Name:	kta
Comment:	Channel no. 38
Test Conditions:	Humidity: 32%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15247



3.9. Channel 46 (AC40-Mode, MCS3 data rate)

Diagram No.: 4.09a_WLAN_5GHz_Ch46_AC40_MCS3

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

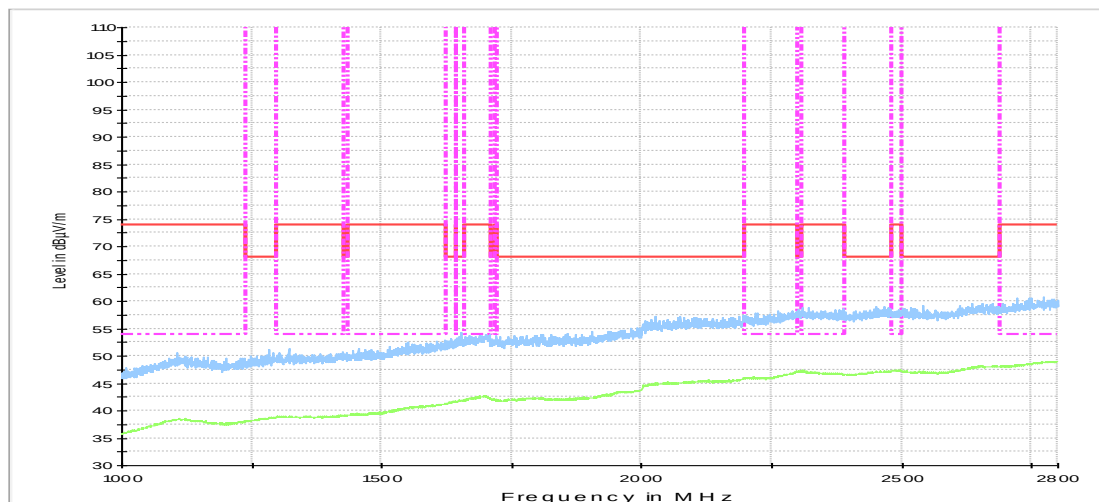
Operation mode: TX, continuous, Channel no. low=46
 Operator Name: Lor

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA- /LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(1)



00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(1)

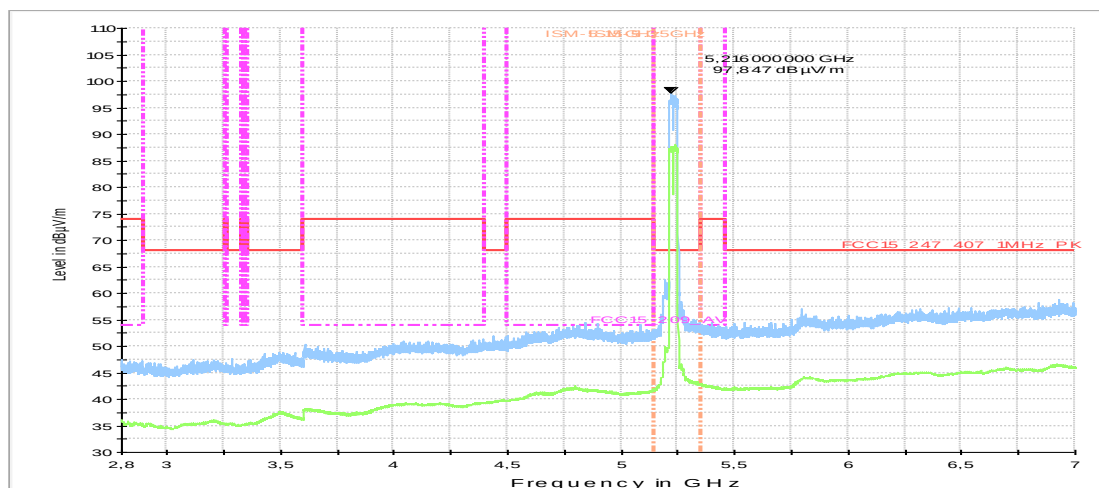


Diagram No.: 4.09b_Ch46_AC40_MCS3

Common Information

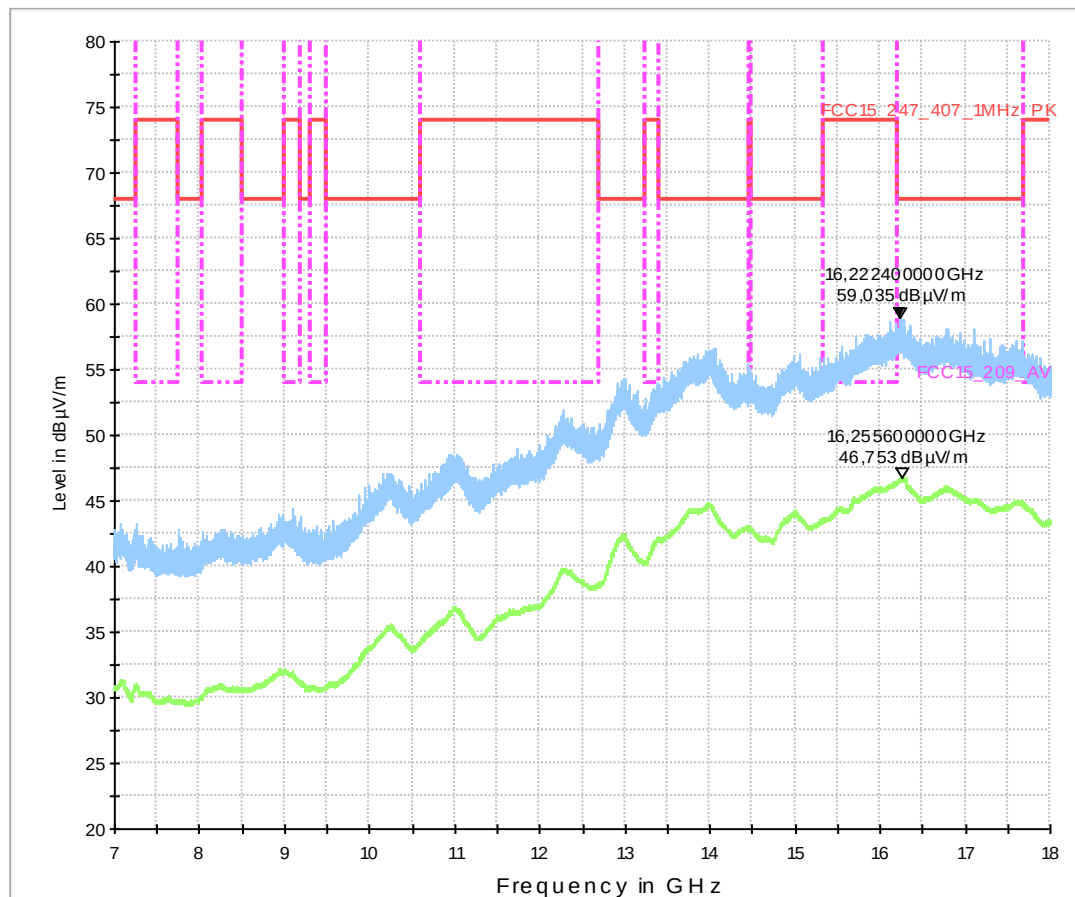
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40-Mode, MCS3
Operator Name:	Lor
Comment:	Channel no. low=46

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: Sweep2_SM1_KP1_WLAN_FCC15407

3.10. Channel 54 (AC40-Mode, MCS6 data rate)

Diagram No.: 4.10a_Ch54_AC40_MCS6

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, AC40-Mode, MCS6
Operator Name:	ABA
Comment:	Channel no. 54

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC
EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407 (b)(3)

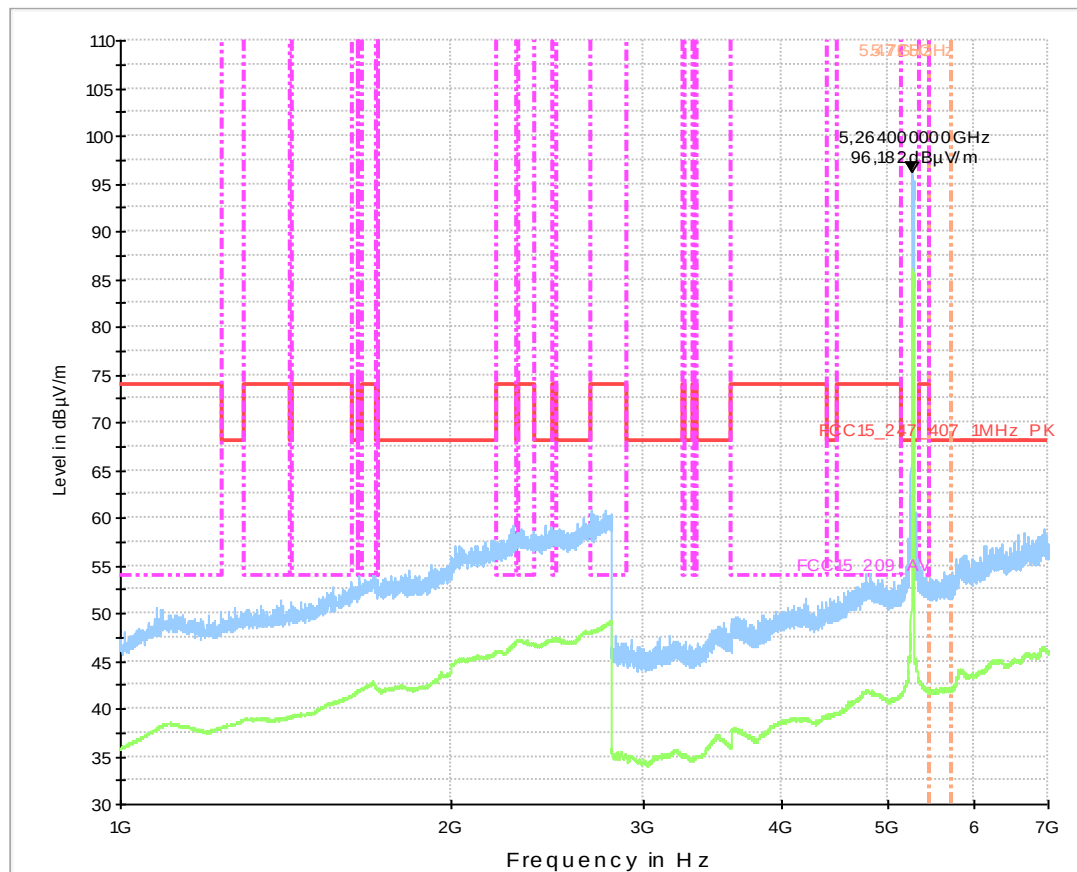


Diagram No.: 4.10b_Ch54_AC40_MCS6

Common Information

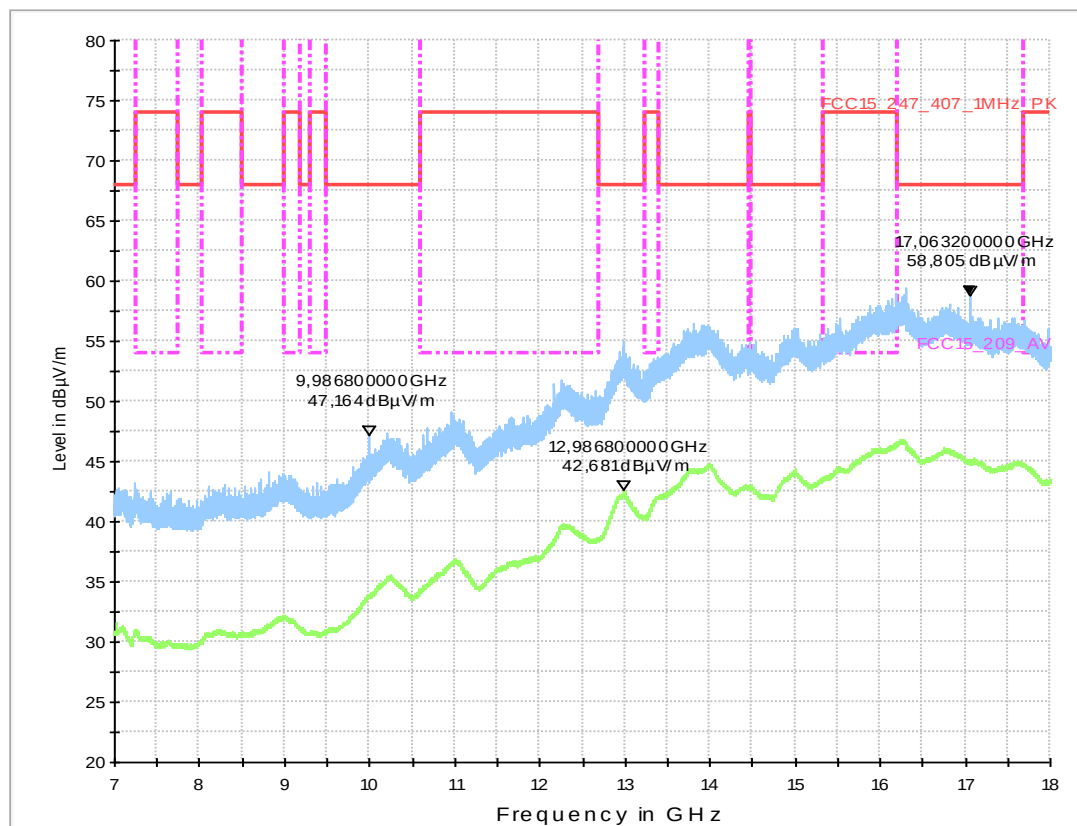
Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40-Mode, MCS6
Operator Name:	Lor
Comment:	Channel no. high=54

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: Sweep2_SM1_KP1_WLAN_FCC15407

3.11. Channel 62 (AC40-Mode, MCS3 data rate)

Diagram No.: 4.11a_Ch62_AC40_MCS3

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, AC40, MCS3
Operator Name:	FTe
Comment:	Channel no. high=62

EUT Information

Manufacturer:	Sony Mobile Communications AB
EuT:	PM-0750-BV
-----	-----
HW Version:	--
SW Version:	ETS
Serial Number:	CB5126DPP9
Connected Interfaces:	DC over USB
Power Supply:	5V DC over AE1 (120V/60Hz)
Comments:	--

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(2)

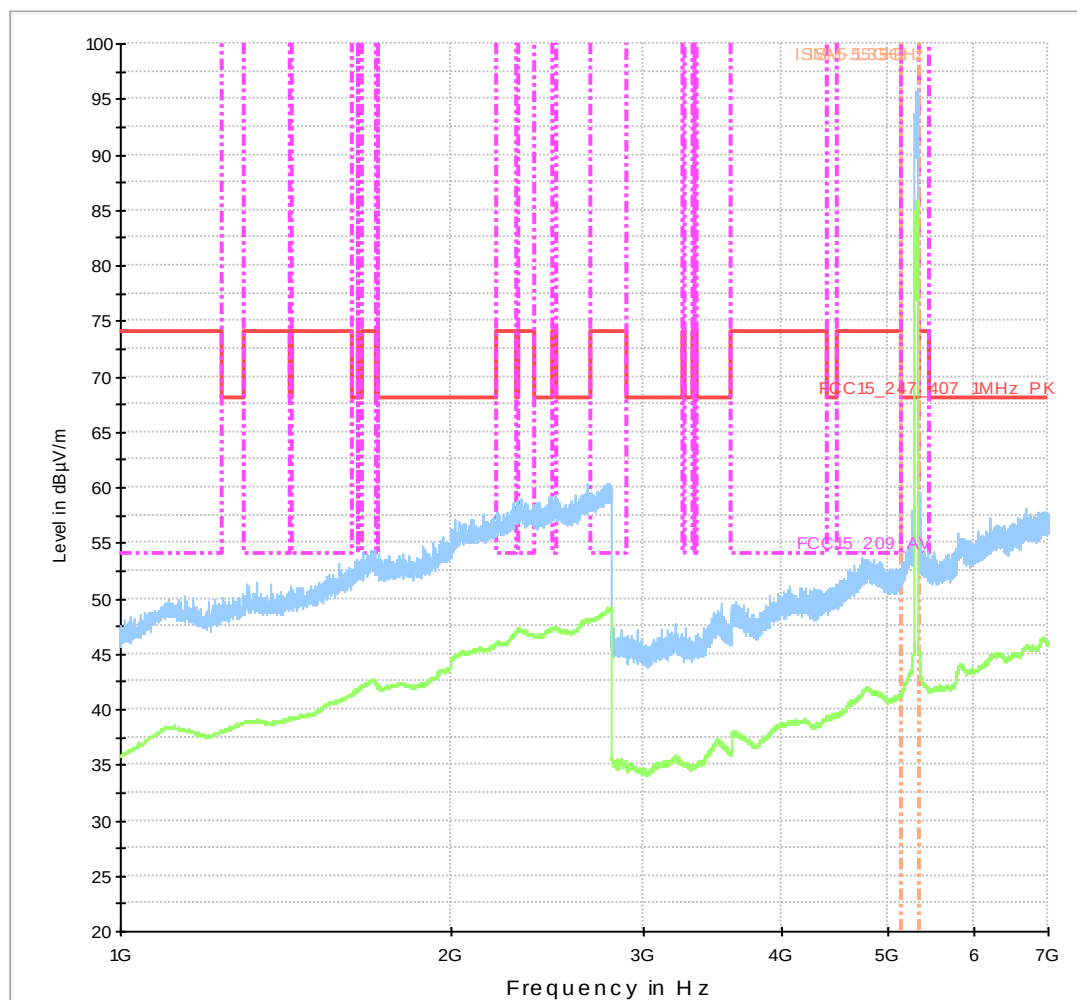


Diagram No.: 4.11b_Ch62_AC40_MCS3

Common Information

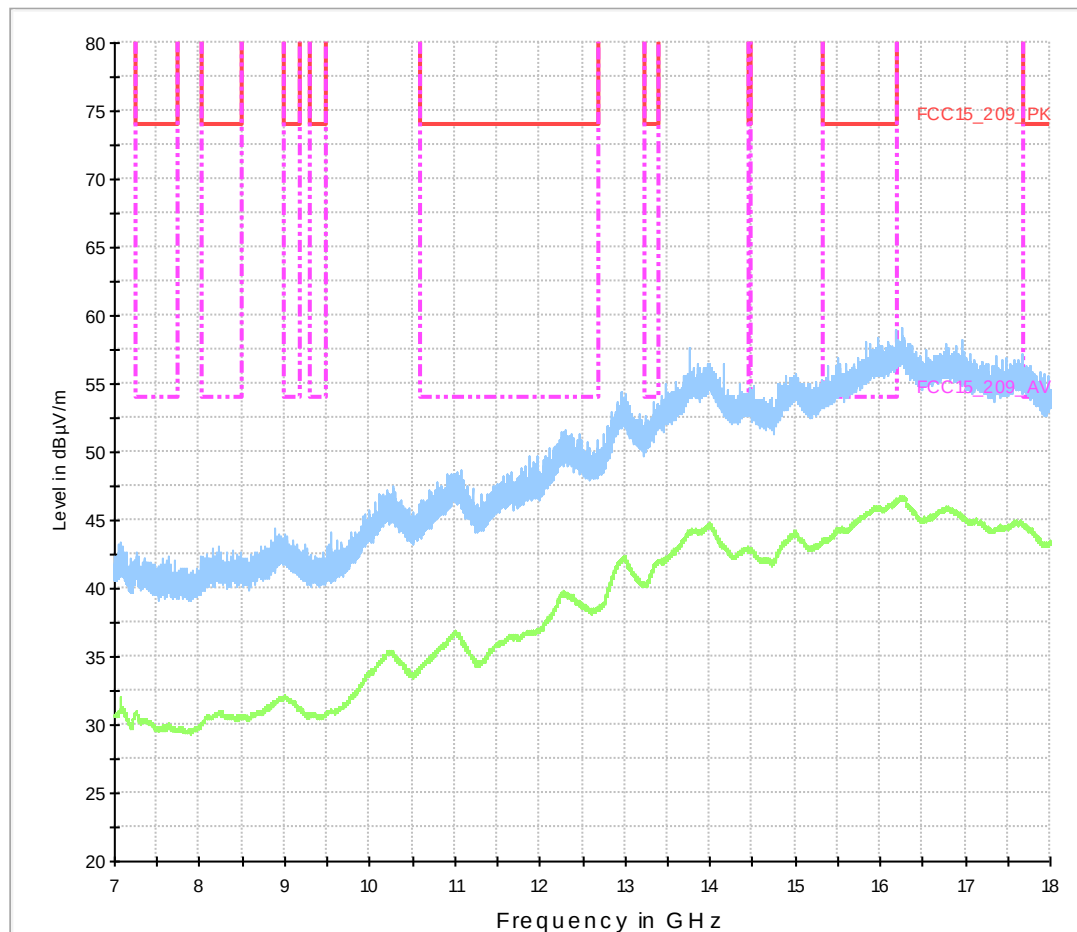
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	Wlan 5G TX, continuous, AC40Mode, MCS3
Operator Name:	hta
Comment:	Channel no. high=62
Test Conditions:	Humidity: 32%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15247



3.12. Channel 102 (AC40-Mode, MCS4 data rate)

4.12a_WLAN_5GHz_Ch102_AC40_MCS4

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, AC40, MCS4
Operator Name:	FTE
Comment:	Channel no. high=102

EUT Information

Manufacturer:	Sony Mobile Communications AB
EuT:	PM-0750-BV
-----	-----
HW Version:	--
SW Version:	ETS
Serial Number:	CB5126DPP9
Connected Interfaces:	DC over USB
Power Supply:	5V DC over AE1 (120V/60Hz)
Comments:	--

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(2)

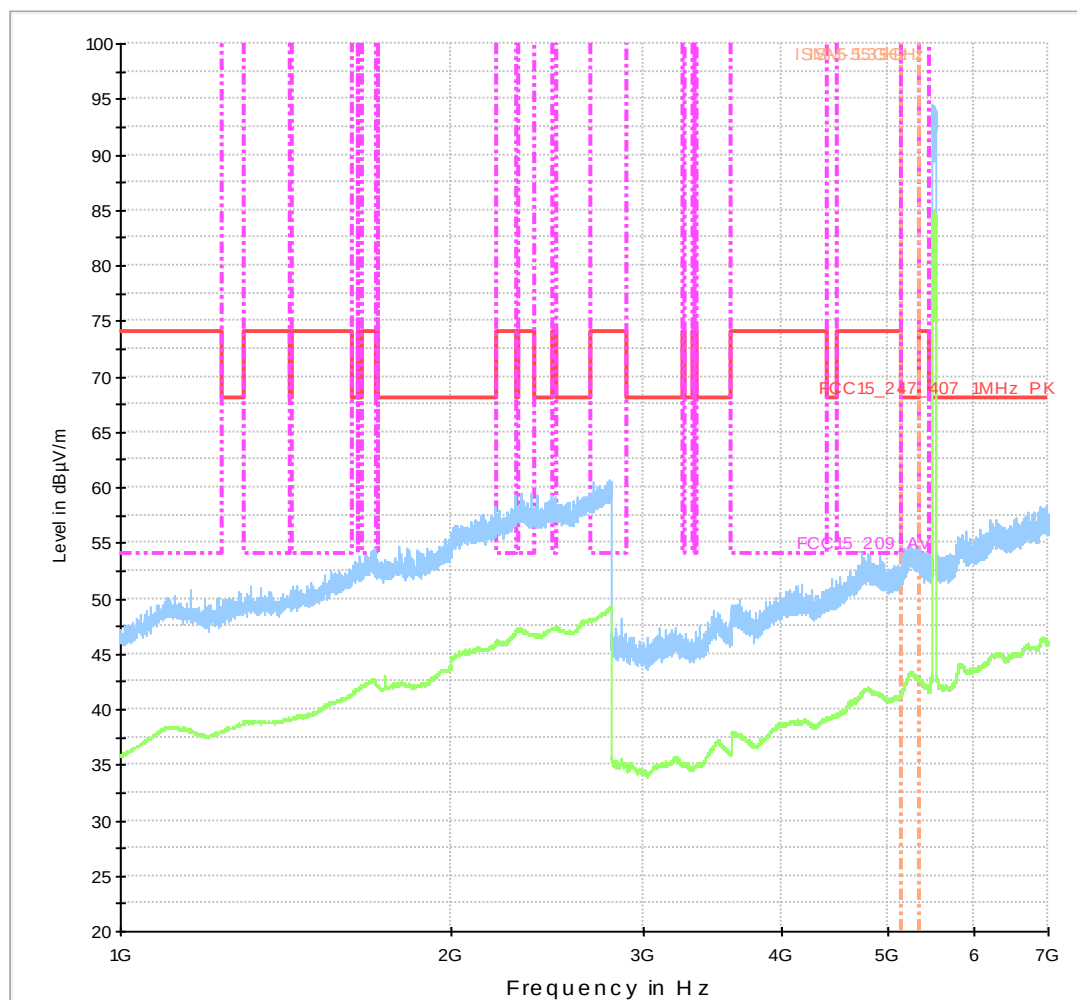


Diagram No.: 4.12b_Ch102_AC40_MCS4

Common Information

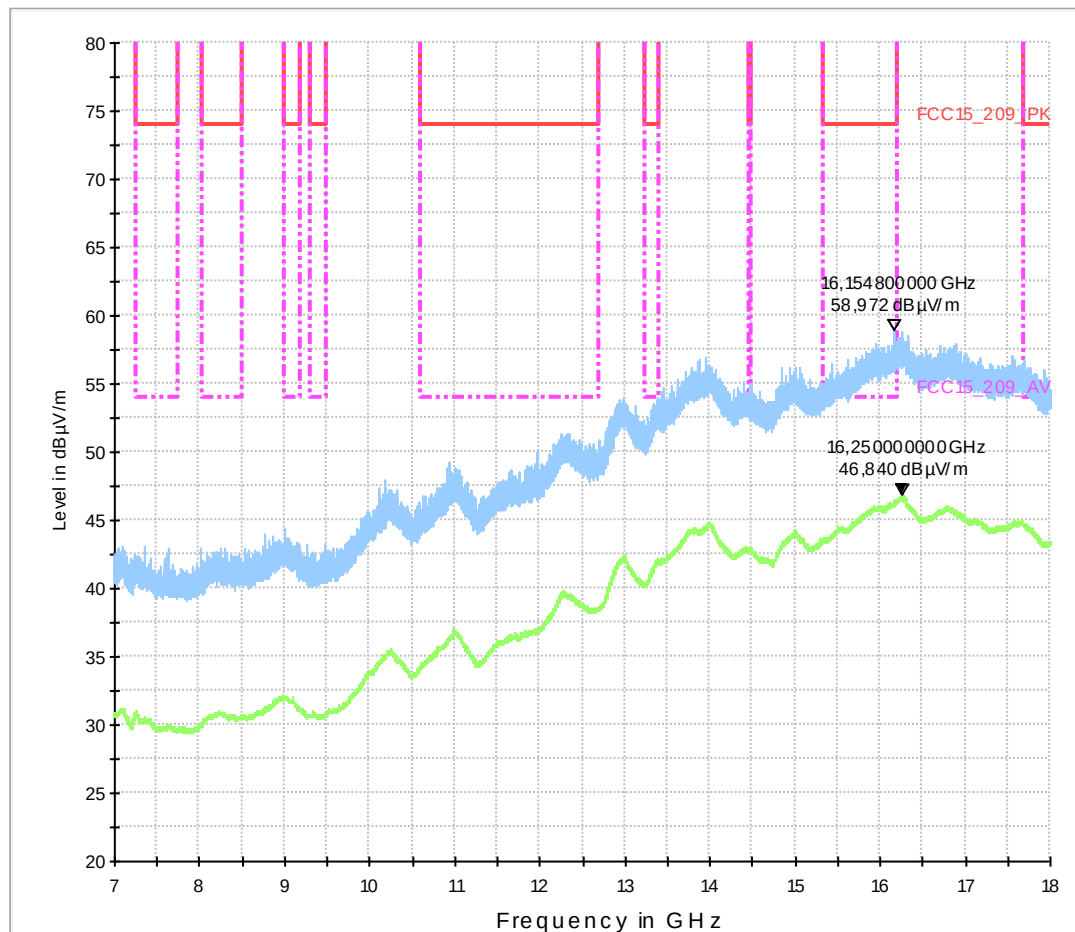
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	Wlan 5G TX, continuous, AC40Mode, MCS4
Operator Name:	ka
Comment:	Channel no. low=102
Test Conditions:	Humidity: 32%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15247



3.13. Channel 134 (AC40-Mode, MCS7 data rate)

Diagram No.: 4.13a_Ch134_AC40_MCS7

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
Operator Name:	FTe
Comment:	Channel no. 134

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC
EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407 (b)(3)

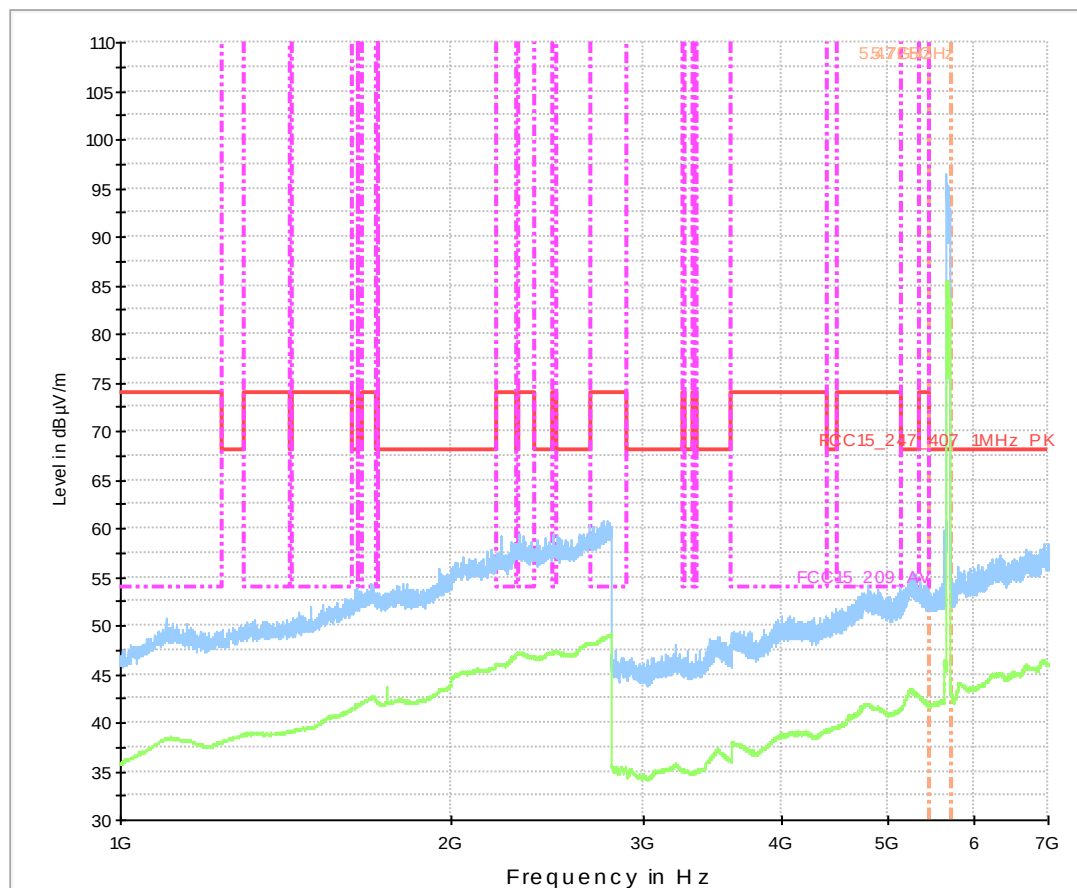


Diagram No.: 4.13b_Ch134_AC40_MCS7

Common Information

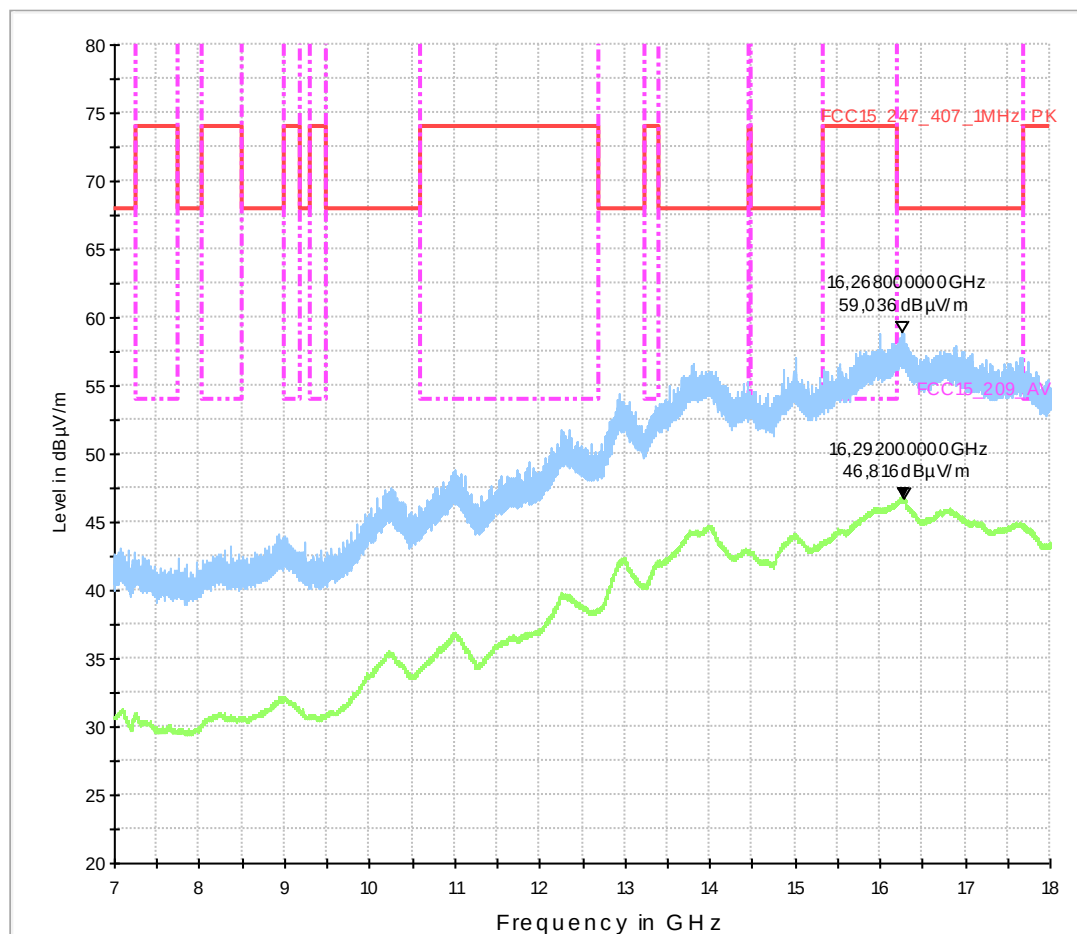
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	WLAN 5G TX, continuous, AC40Mode, MCS7
Operator Name:	kta
Comment:	Channel no. high=134
Test Conditions:	Humidity: 31%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_WLAN_FCC15407



3.14. Channel 42(AC80-Mode, MCS0 data rate)

Diagram No.: 4.14a_Ch42_AC80_MCS0

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
Operator Name:	FTe
Comment:	Channel no. 42

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(1)

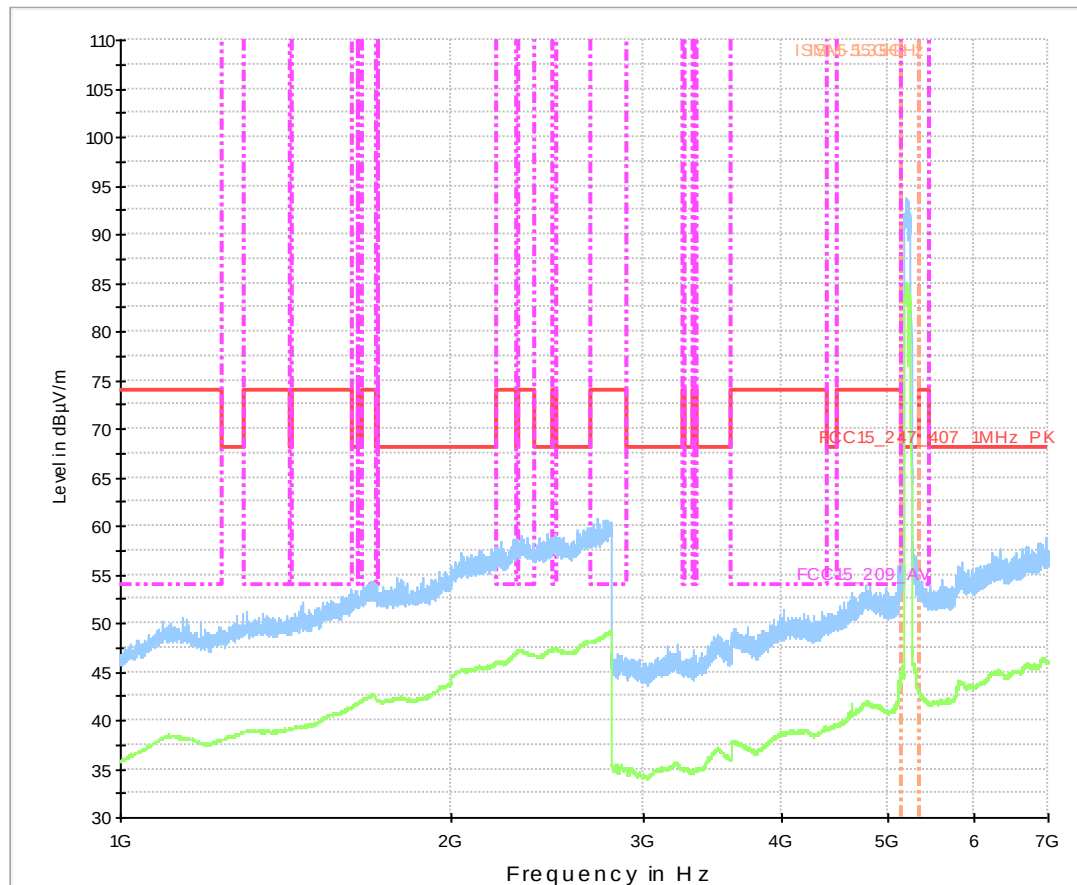


Diagram No.: 4.14b_Ch42_AC80_MCS0

Common Information

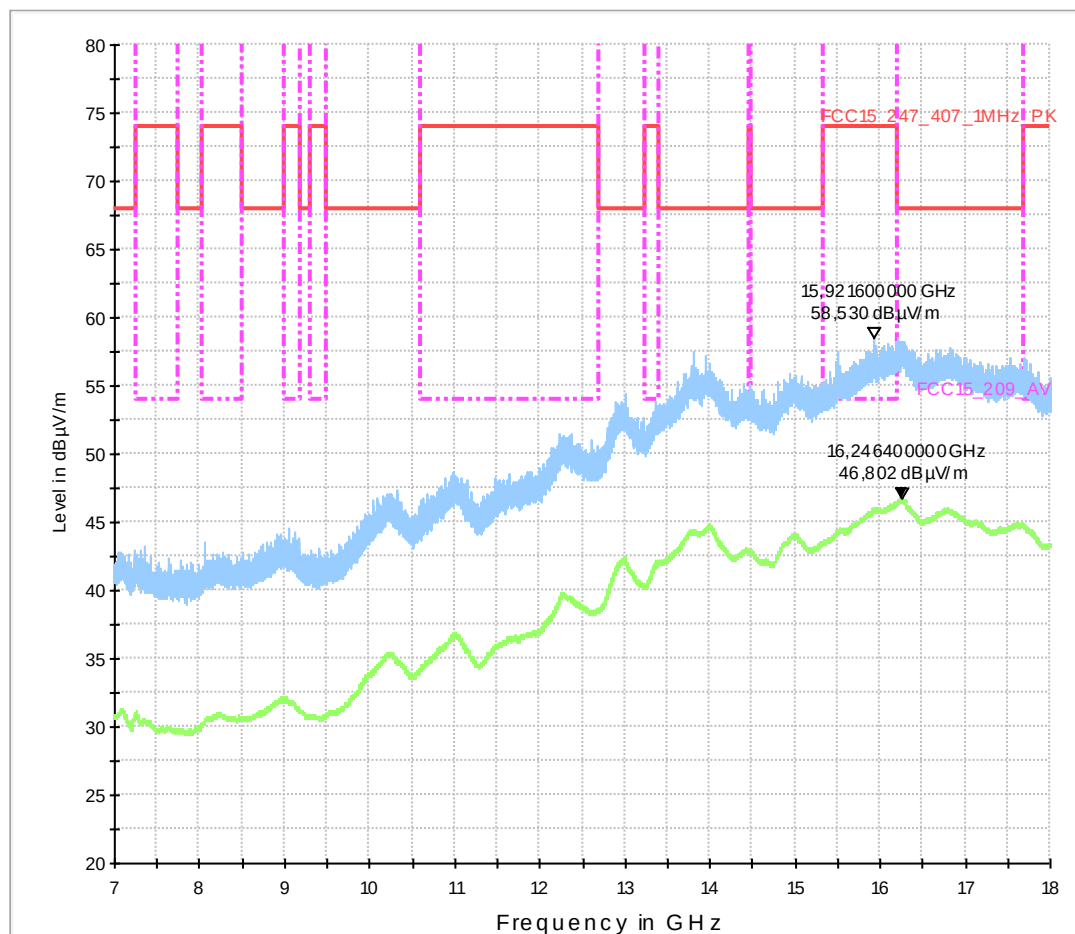
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC80-Mode, MCS0
Operator Name:	kta
Comment:	Channel no. low=42
Test Conditions:	Humidity: 31%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15407



3.15. Channel 58 (AC80-Mode, MCS0 data rate)

Diagram No.: 4.15a_Ch58_AC80_MCS0

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
Operator Name:	FTE
Comment:	Channel no. 58

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC
EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407 (b)(2)

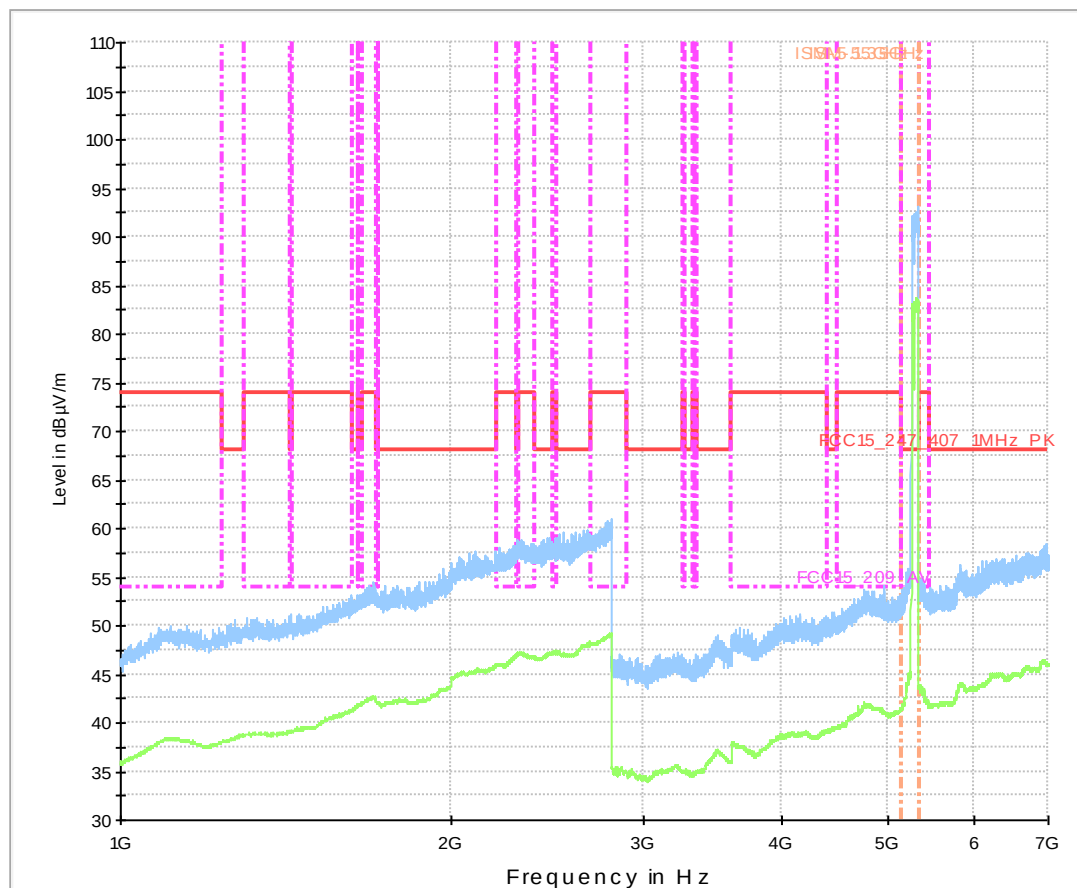


Diagram No.: 4.15b_Ch58_AC80_MCS0

Common Information

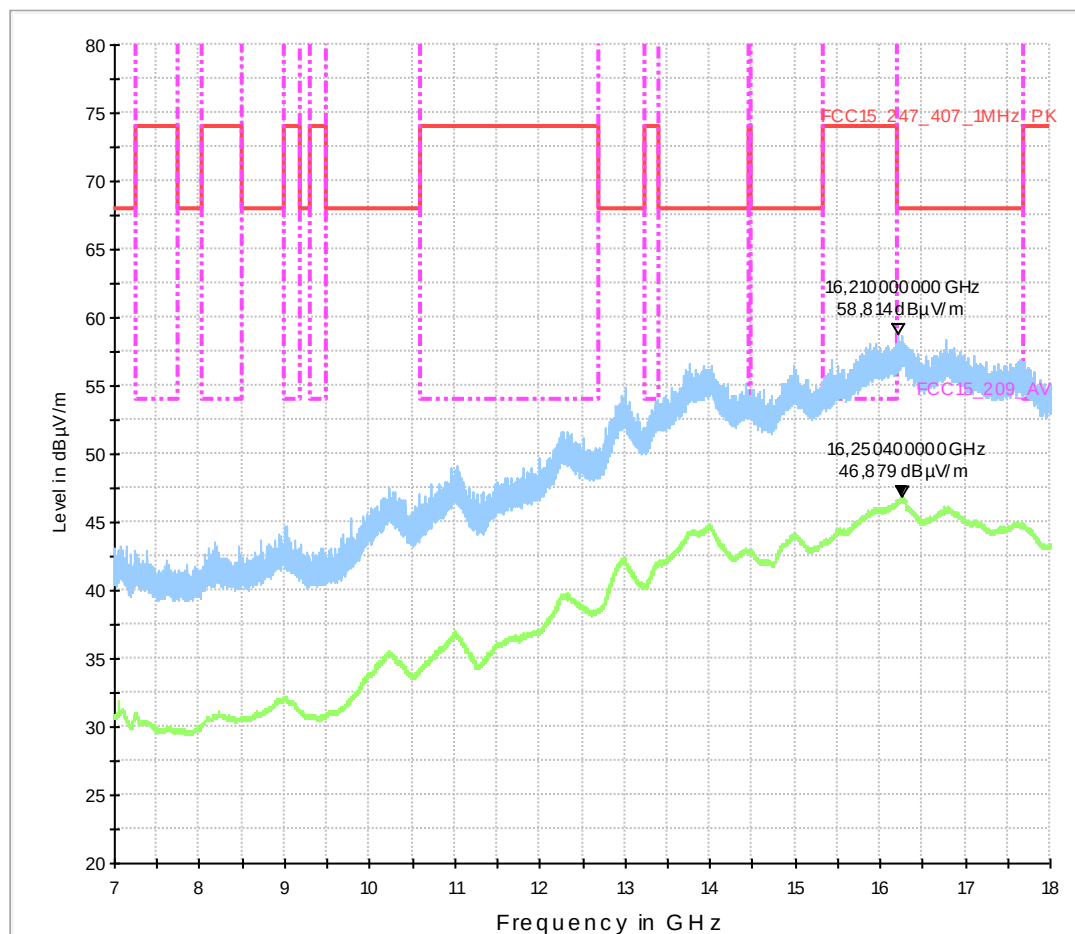
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC80-Mode, MCS0
Operator Name:	kta
Comment:	Channel no. high=58
Test Conditions:	Humidity: 31%rH; Temperature: 22°C

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

Sweep2_SM1_KP1_W LAN_FCC15407



3.16. Channel 106 (AC80-Mode, MCS0 data rate)

Diagram No.: 4.16a_Ch106_AC80_MCS0

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
Operator Name:	FTe
Comment:	Channel no. 106

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(3)

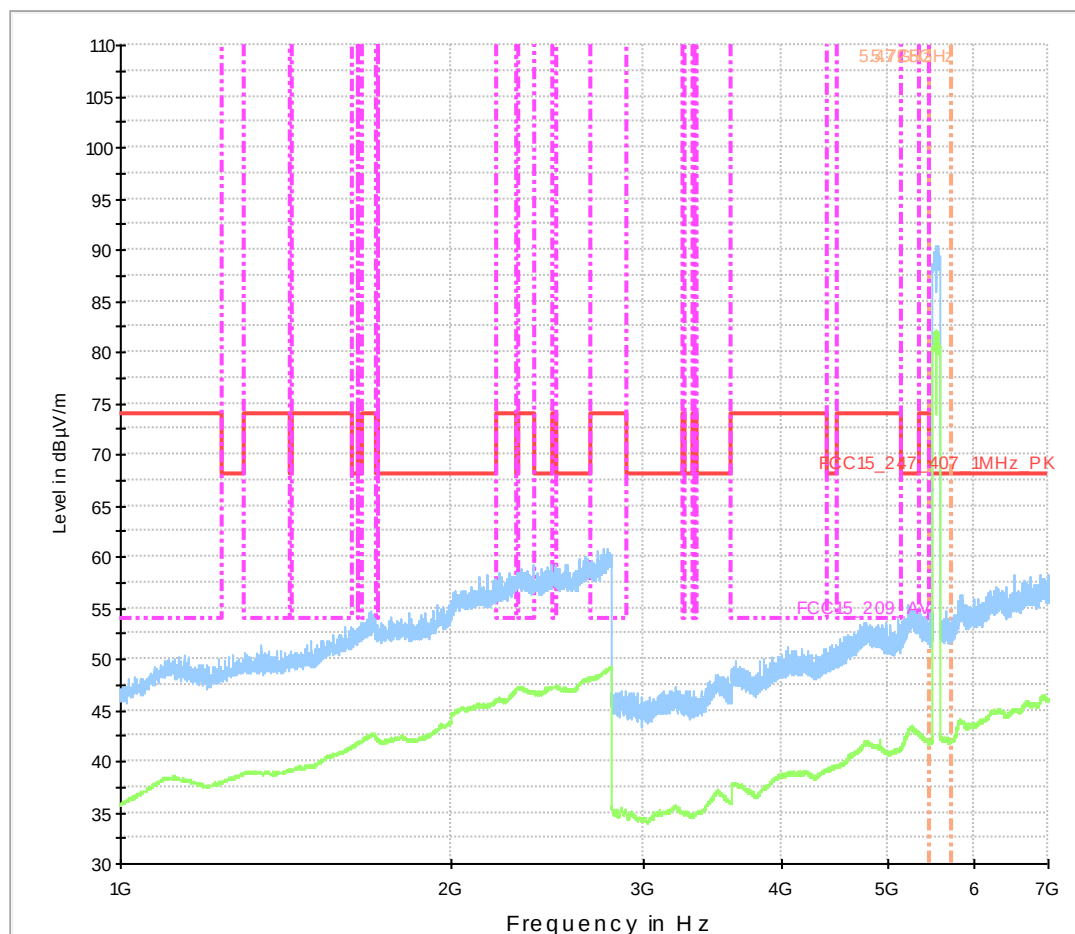


Diagram No.: 4.16b_Ch106_AC80_MCS0

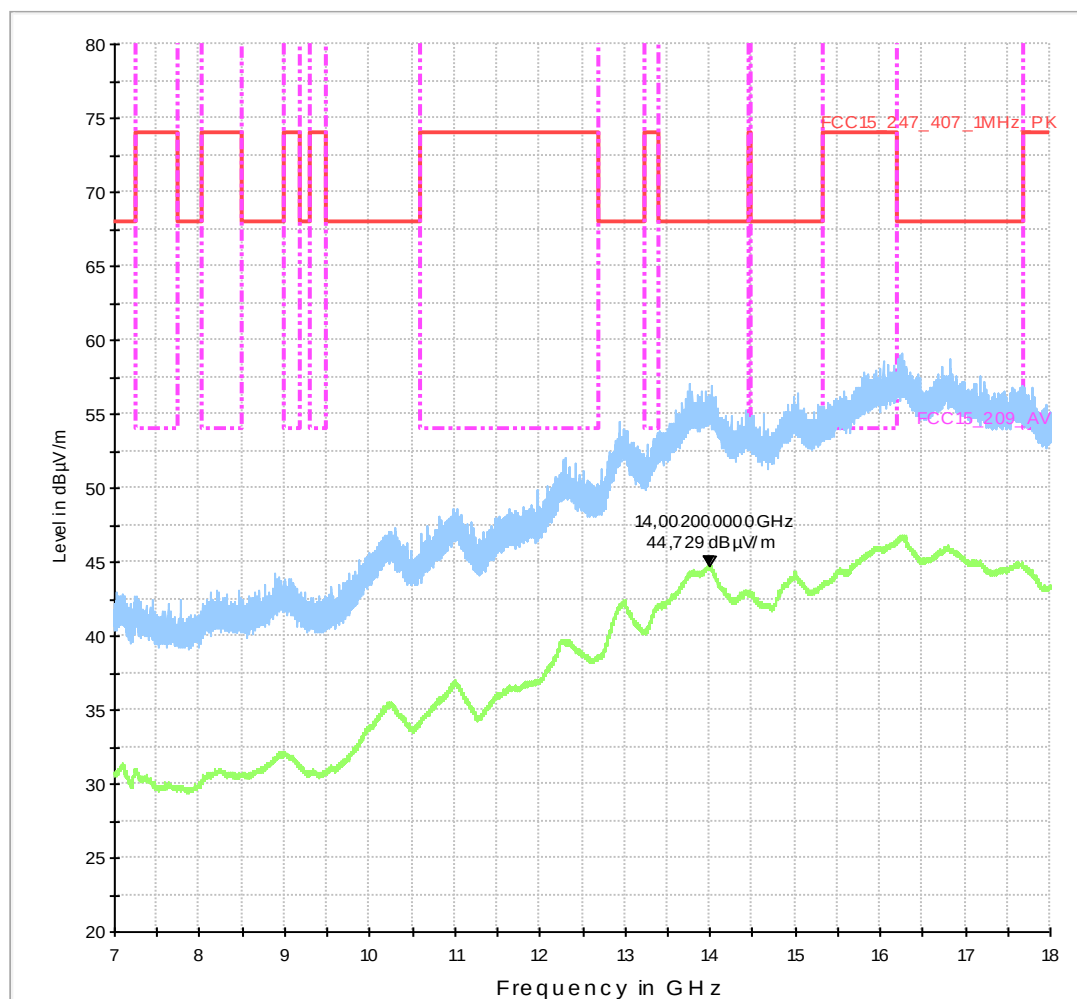
Common Information

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, AC80-Mode, MCS0
Operator Name:	Lor
Comment:	Channel no. low=106

EUT Information

Manufacturer:	Sony Mobile Communications AB
EuT:	PM-0750-BV
HW Version:	--
SW Version:	ETS
Serial Number:	CB5126DPP9
Connected Interfaces:	DC over USB
Power Supply:	5V DC over AE1 (120V/60Hz)
Comments:	--

Sweep2_SM1_KP1_WLAN_FCC15407



EMI Auto Test Template: Sweep2_SM1_KP1_WLAN_FCC15407

4. Radiated field strength measurements 18GHz < f < 40GHz

4.1. Channel 36 (A-Mode, 36Mbit data rate)

Diagram No.: 4.01c_a-mode_Ch36_36MB

Common Information

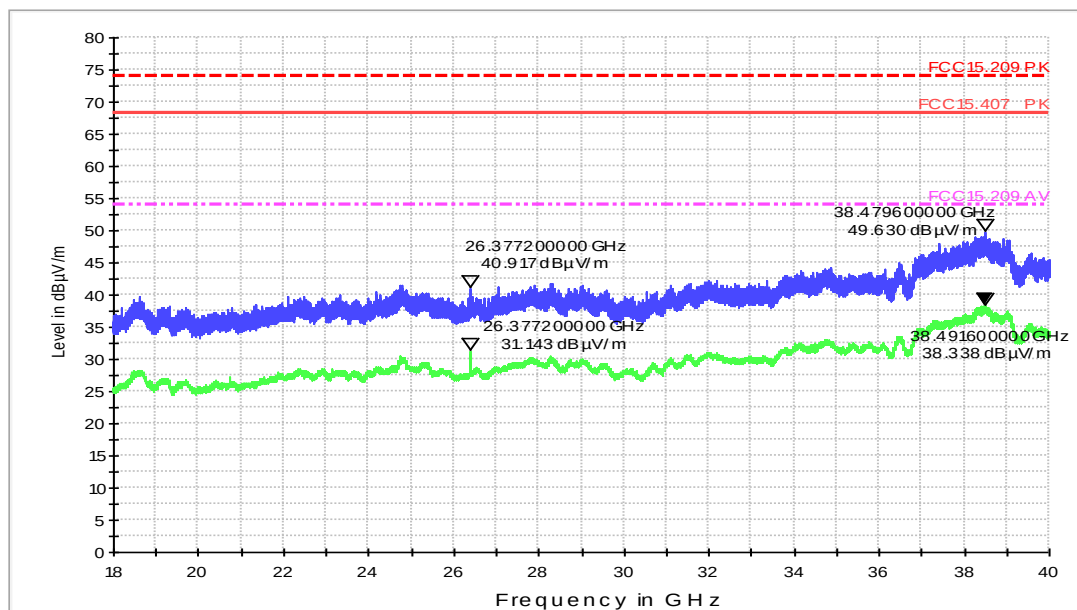
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	Wlan TX mode continuous
Operator Name:	dpa
Comment:	Channel 36, a-mode, 36 MB

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.2. Channel 64 (A-Mode, 6Mbit data rate)

Diagram No.: 4.04c

Common Information

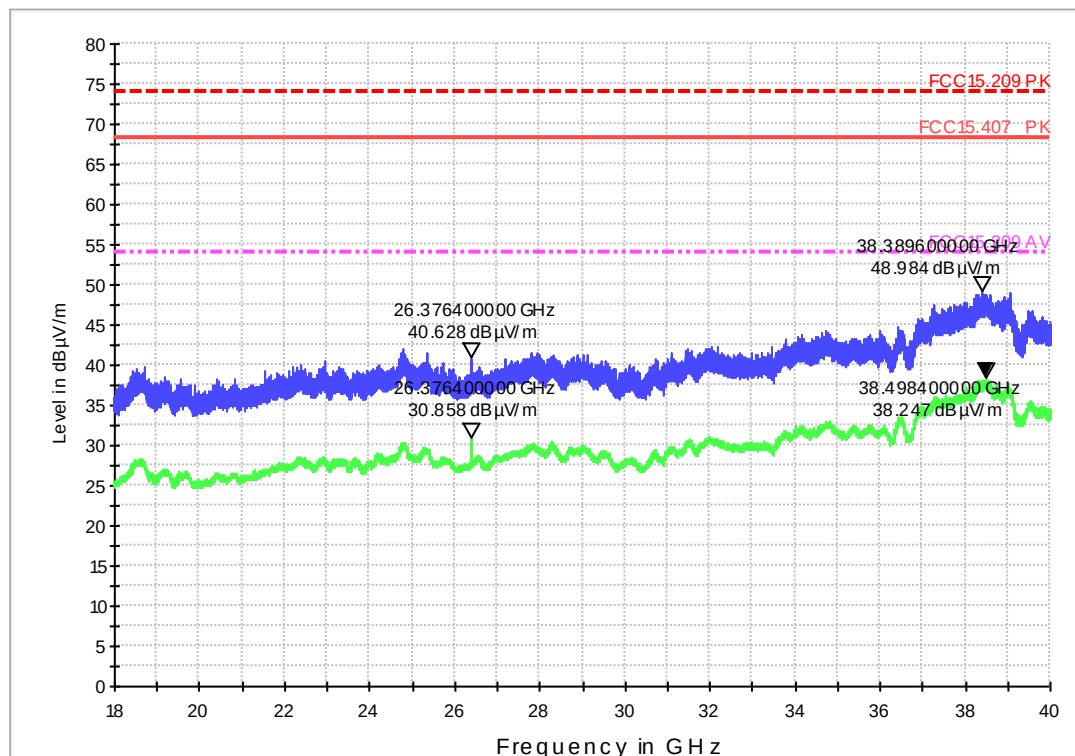
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 64 a-mode, 6 MB

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.3. Channel 116 (A-Mode, 6Mbit data rate)

Diagram No.: 4.06c

Common Information

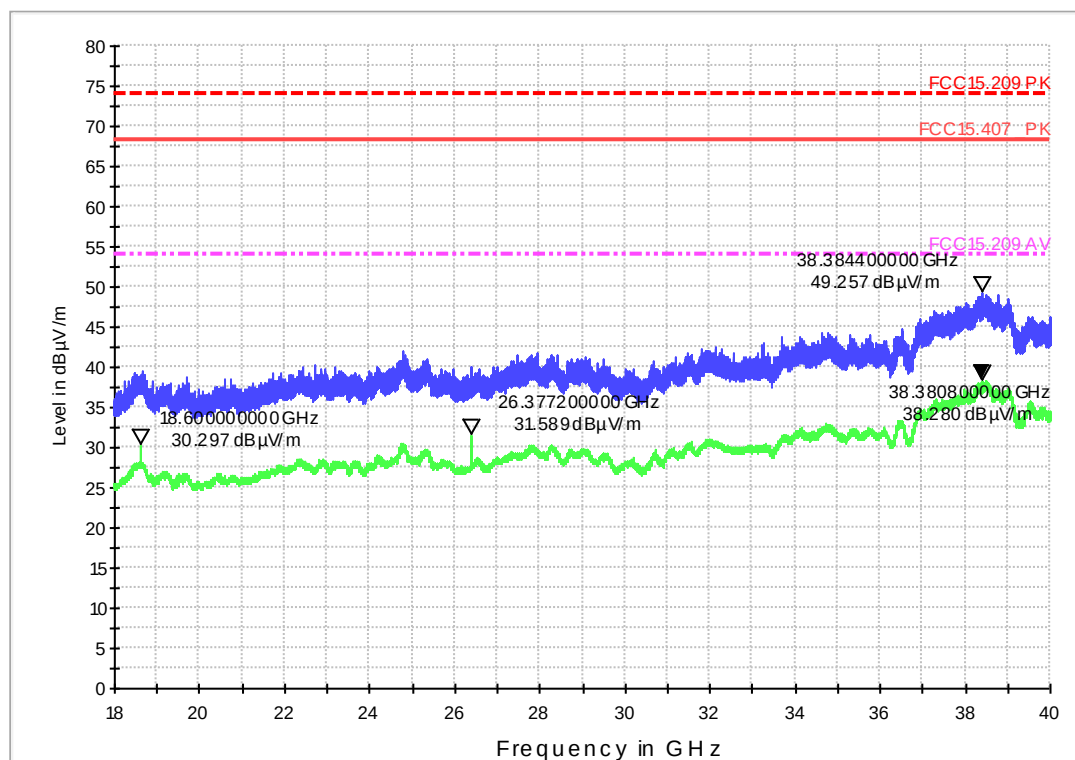
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 116, a-mode, 6 MB

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.4. Channel 140 (AC20-Mode, MCS7 data rate)

Diagram No.: 4.07c

Common Information

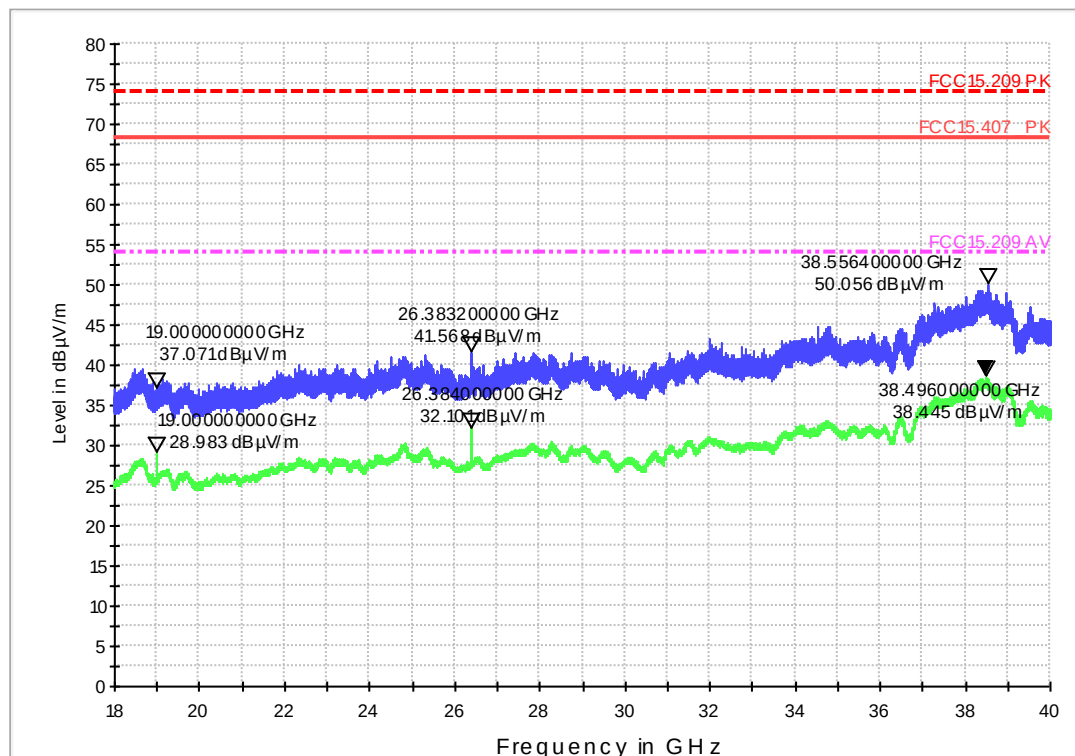
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 140, AC20-mode, MCS7

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.5. Channel 38 (AC40-Mode, MCS7 data rate)

Diagram No.: 4.08c

Common Information

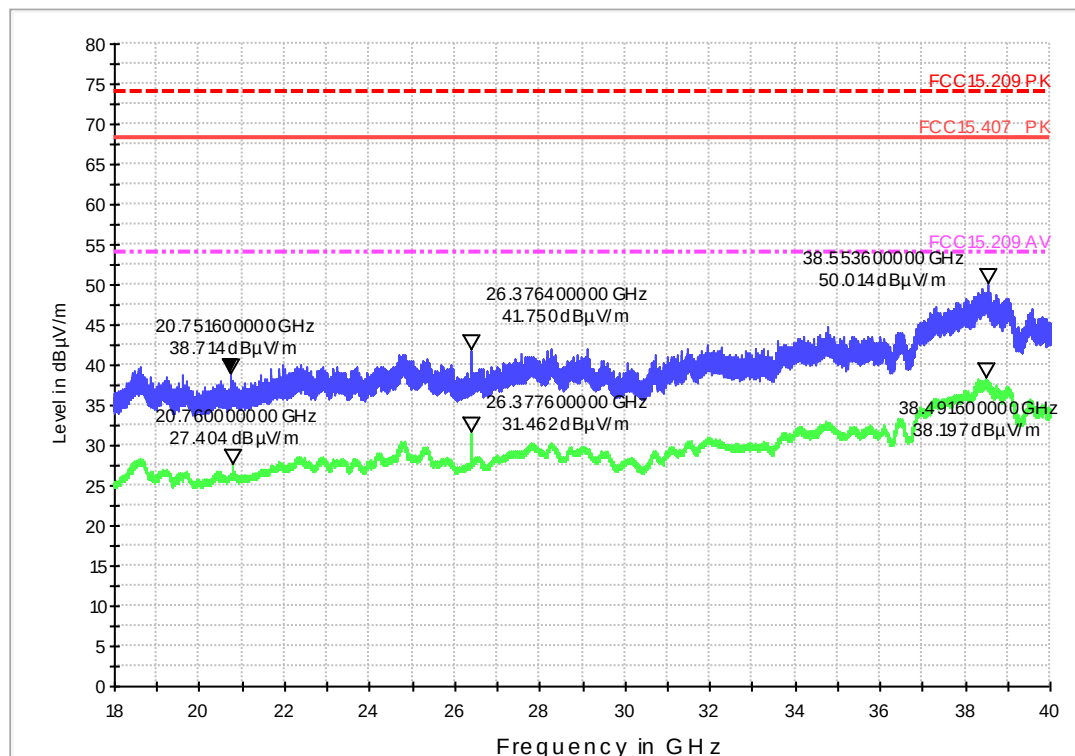
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 38, ac40-mode, MCS7

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA-/ LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.6. Channel 54 (AC40-Mode, MCS6 data rate)

Diagram No.: 4.10c

Common Information

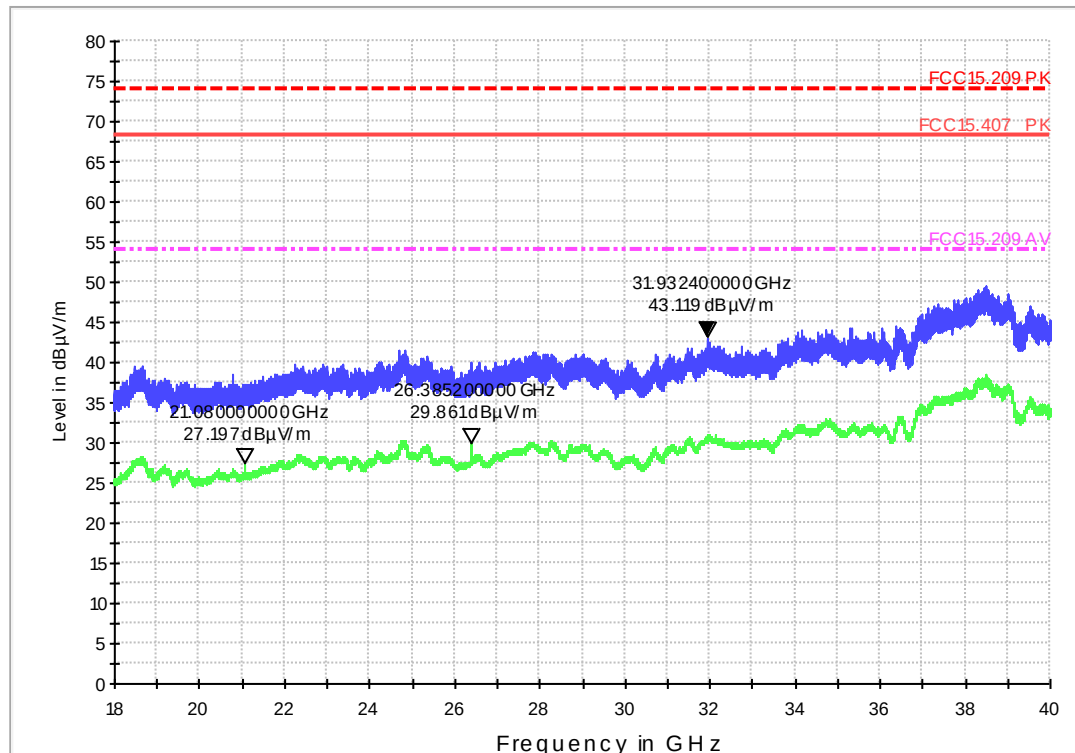
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 54, ac40-mode, MCS6

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.7. Channel 134 (AC40-Mode, MCS7 data rate)

Diagram No.: 4.13c

Common Information

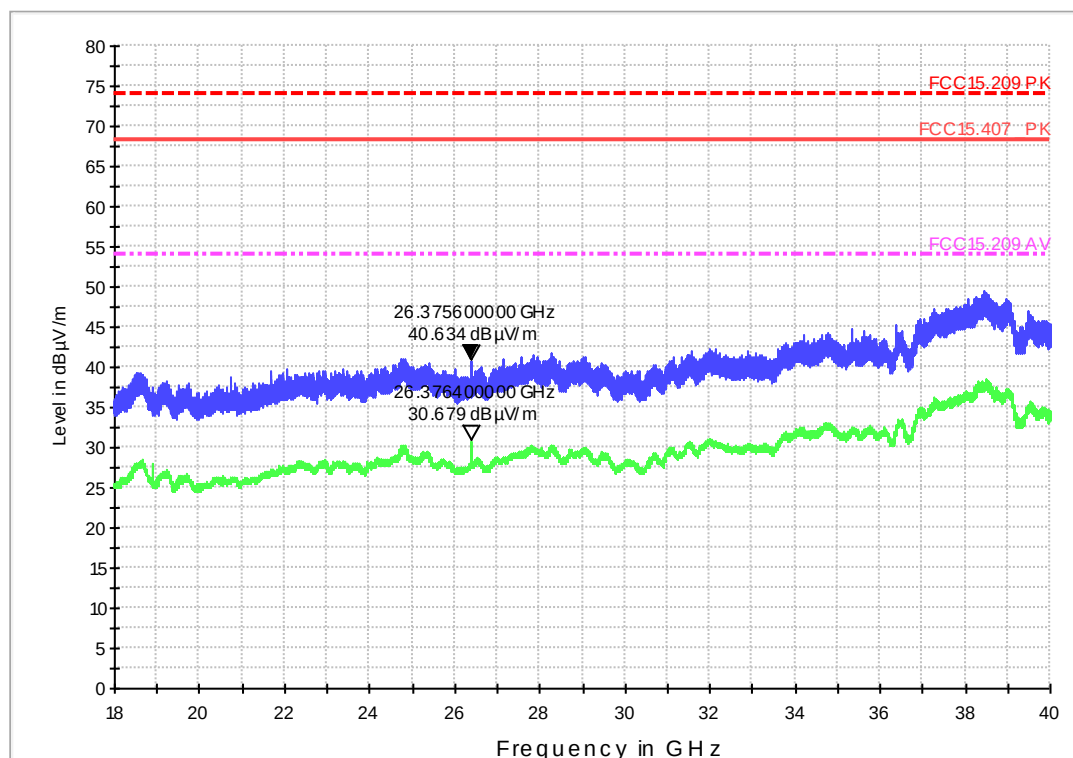
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 134 ac40-mode, MCS7

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.8. Channel 58 (AC80-Mode, MCS0 data rate)

Diagram No.: 4.15c

Common Information

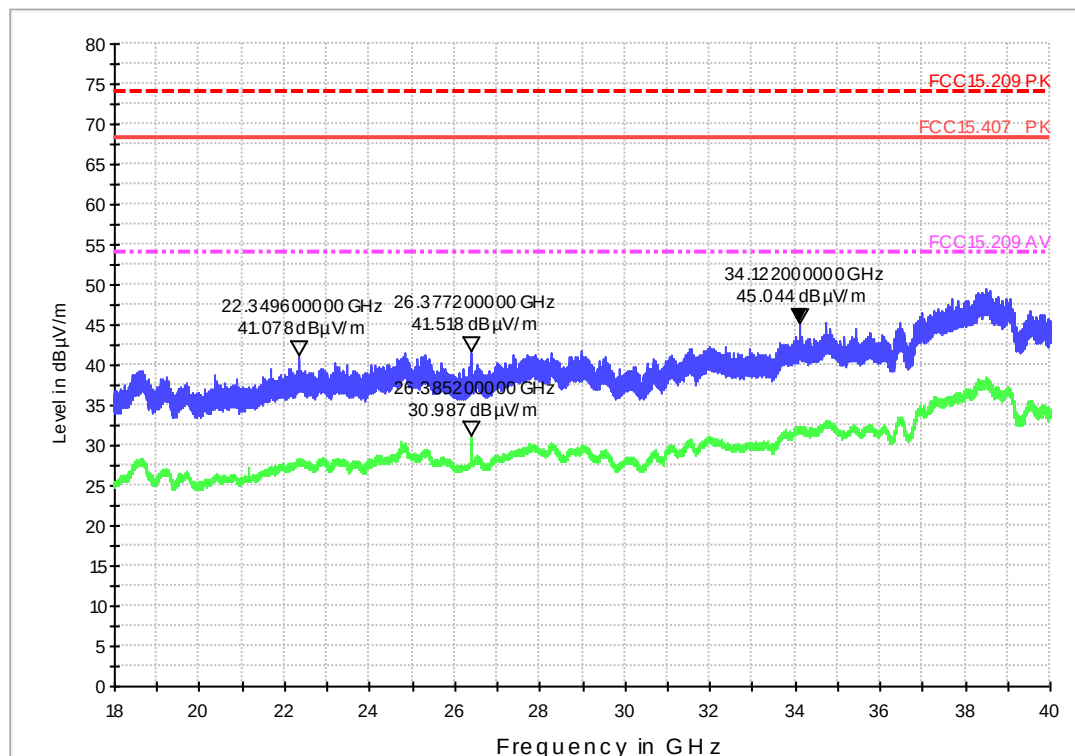
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 58, AC80-mode, MCS0

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



4.9. Channel 106 (AC80-Mode, MCS0 data rate)

Diagram No.: 4.16c

Common Information

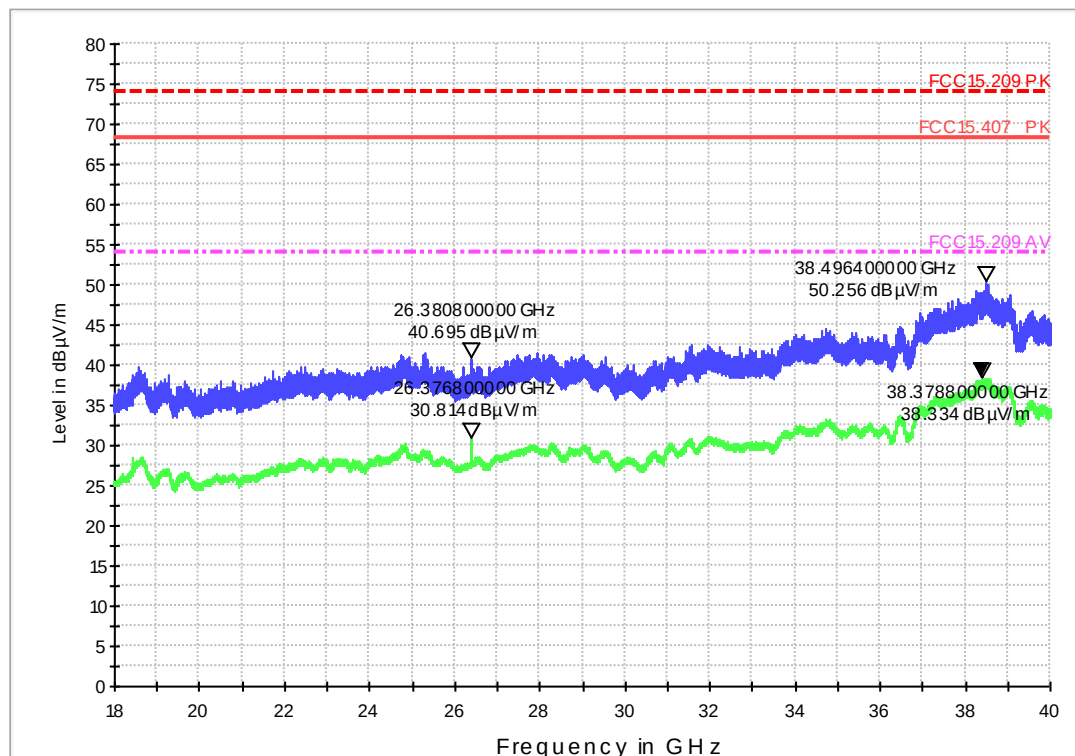
Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407
Antenna polarisation:	horizontal/vertical
Distance correction factor	3 to 1m: -10.5 dB applying to measurement results
Operation mode:	WLAN TX mode continuous
Operator Name:	dpa
Comment:	Channel 106, AC80-mode, MCS0

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

EMI Scan_18_40GHz_Pre



5. Radiated band-edge measurements accord. §15.209 & §15.205 & §15.407

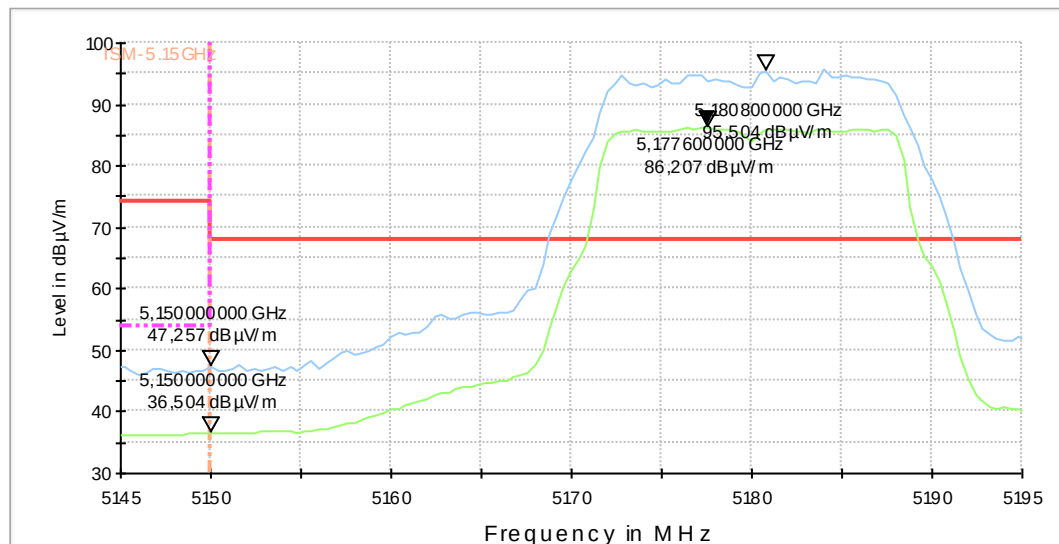
5.1. Channel 36 (a-Mode, 36Mbit data rate)

Diagram No.: 9.01_BE_Ch36_aMode_36MBit

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	HLA
Comment:	Channel no. low=36, a-Mode, 20MHz

00431_SM1_KP1_WLAN_FCC15407



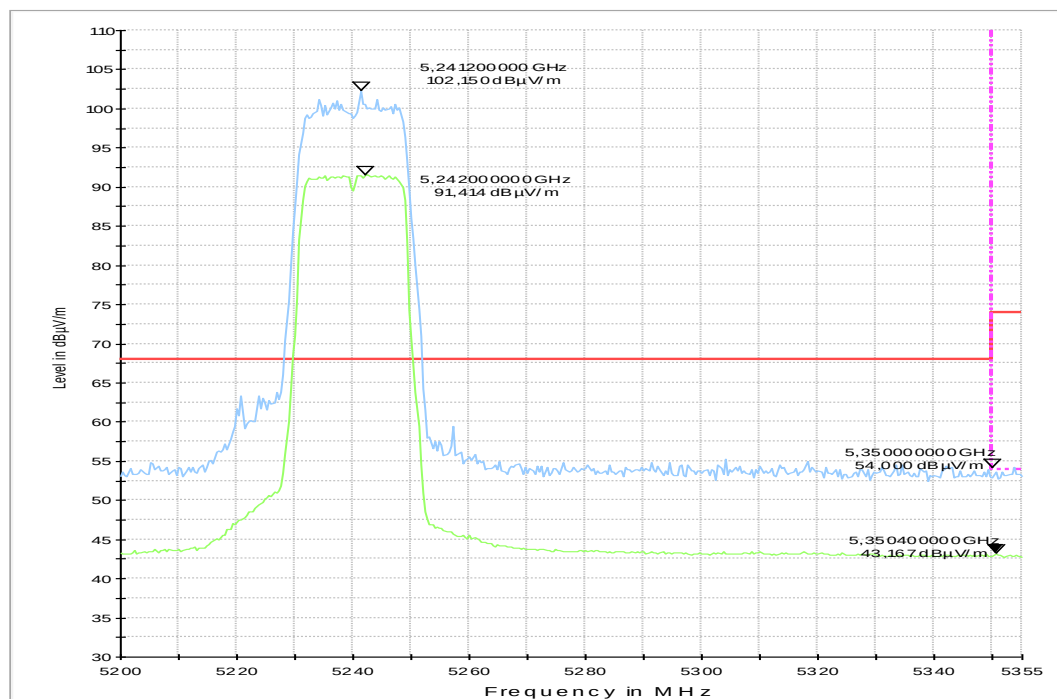
5.2. Channel 48 (AC20-Mode, MCS4 data rate)

Diagram No.: 9.02_BE_Ch48_AC20_Mode_MSC4

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, MSC4, ac20-Mode
Operator Name:	ABA
Comment:	Channel no. 48

00431_Sweep1_SM1_KP1_WLAN_FCC15407



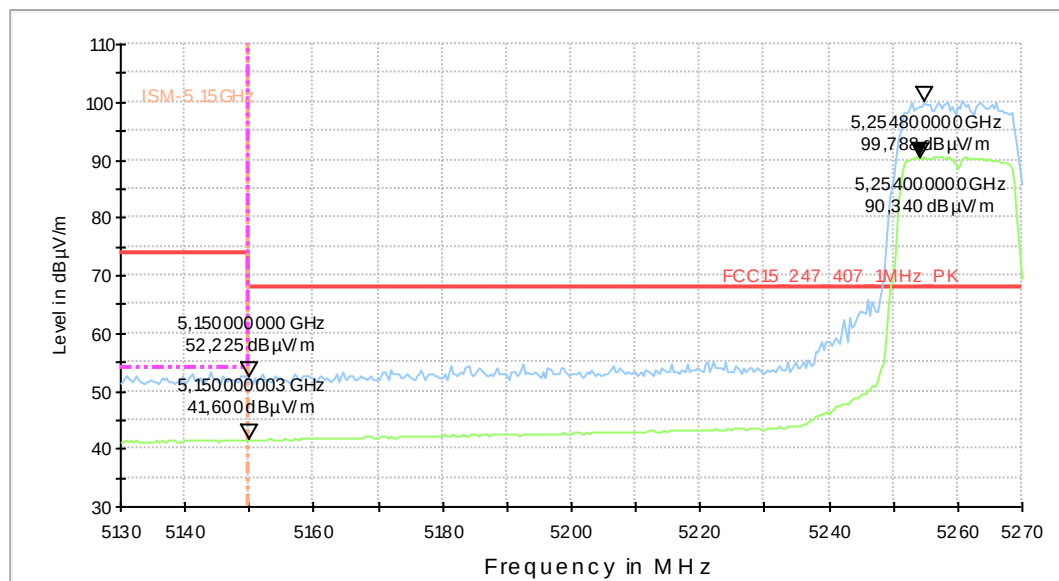
5.3. Channel 52 (AC20-Mode, MCS6 data rate)

Diagram No.: 9.03_BE_Ch52_AC20_MCS6

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, MCS6, AC20-Mode
Operator Name:	hta
Comment:	Channel no. low=52
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(2)



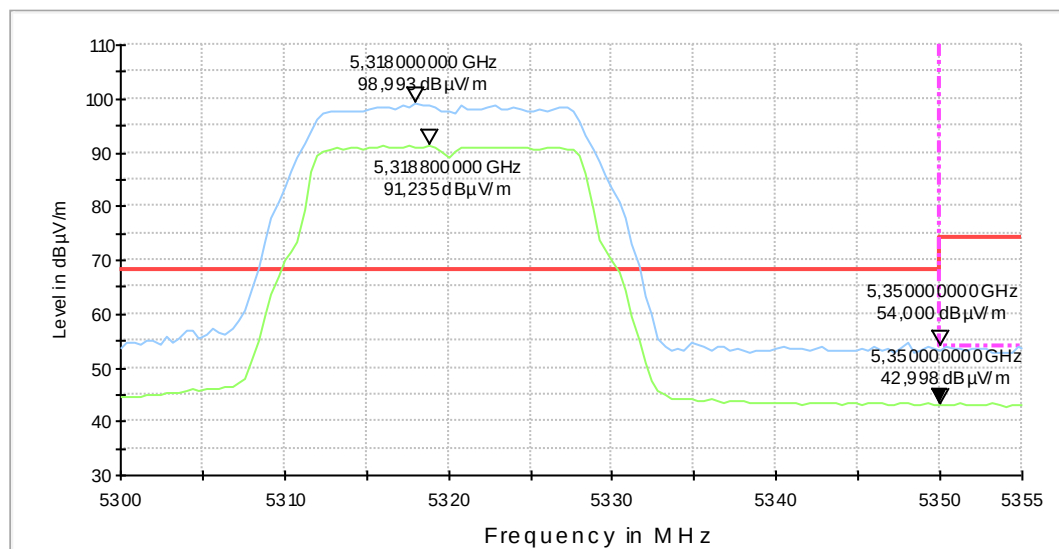
5.4. Channel 64 (a-Mode, 6Mbit)

Diagram No.: 9.04_BE_Ch64_a_Mode_20MHz_6Bit

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, 6MBit, a-Mode
Operator Name:	ABA
Comment:	Channel no. high=64

00431_Sweep1_SM1_KP1_W LAN_FCC15407



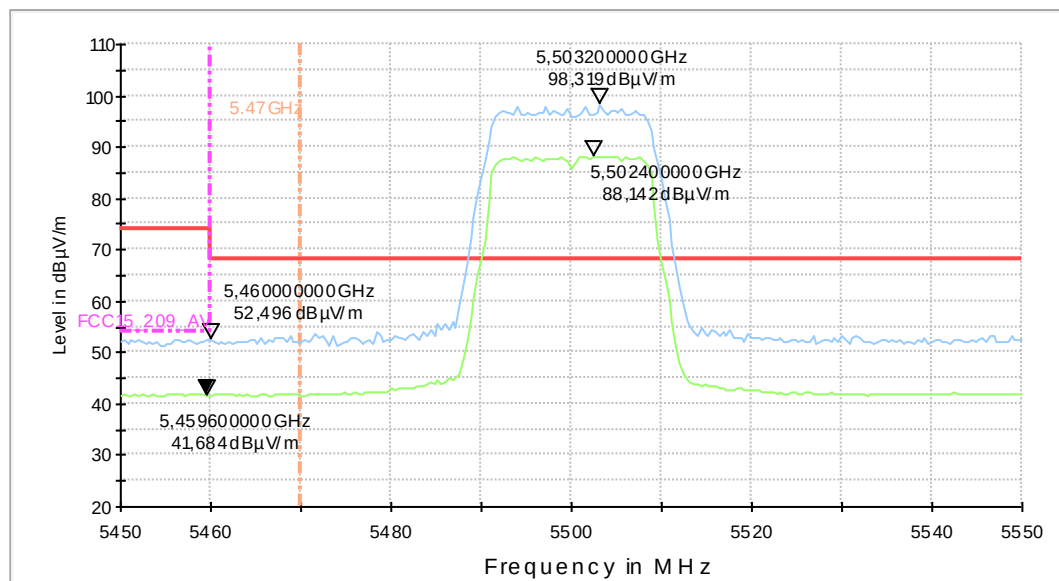
5.5. Channel 100 (AC20-Mode, MCS6)

Diagram No.: 9.05_BE_Ch100_AC20_MCS6

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, MCS6, AC20-Mode
Operator Name:	ka
Comment:	Channel no. low=100
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(3)



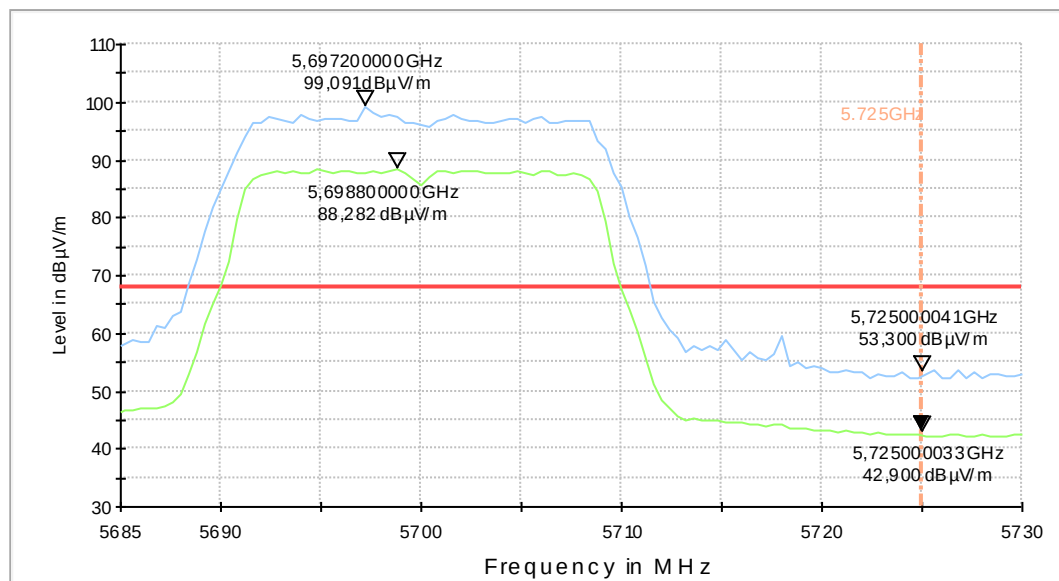
5.6. Channel 140 (AC20-Mode, MCS7)

Diagram No.: 9.07_BE_Ch140_AC20_MCS7

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, MCS7, AC20-Mode
Operator Name:	cta
Comment:	Channel no. high=140
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(3)



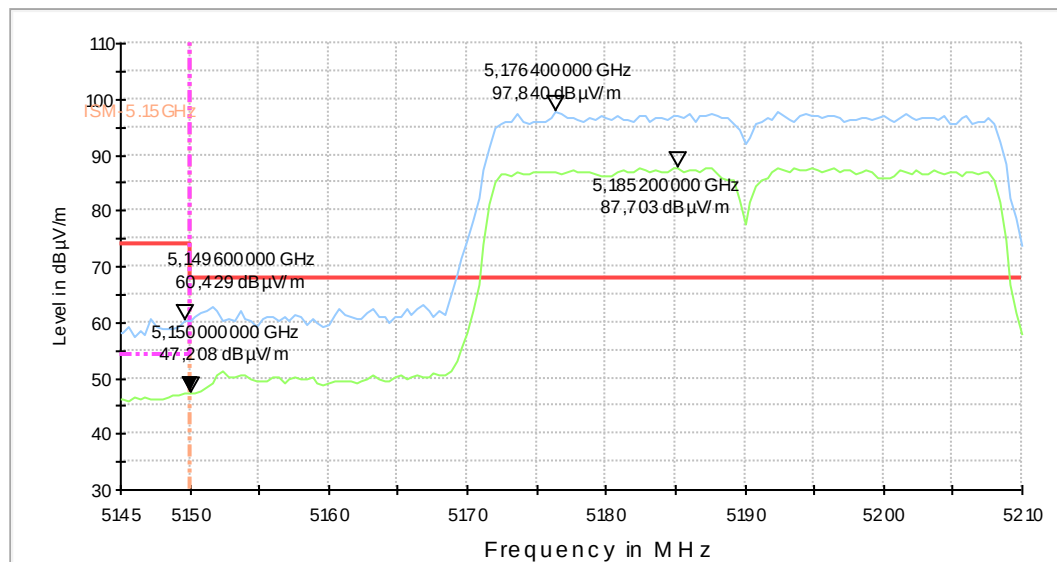
5.7. Channel 38 (AC40-Mode, MCS7)

Diagram No.: 9.08_BE_Ch38_AC40_MCS7

Common Information

Test description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40-Mode, MCS7
Operator Name:	ka
Comment:	Channel no. low=38
Test Conditions:	Humidity: 34%rH; Temperature: 22°C

00431_Sweep1_SM1_KP1_W LAN_FCC15407 (b)(1)



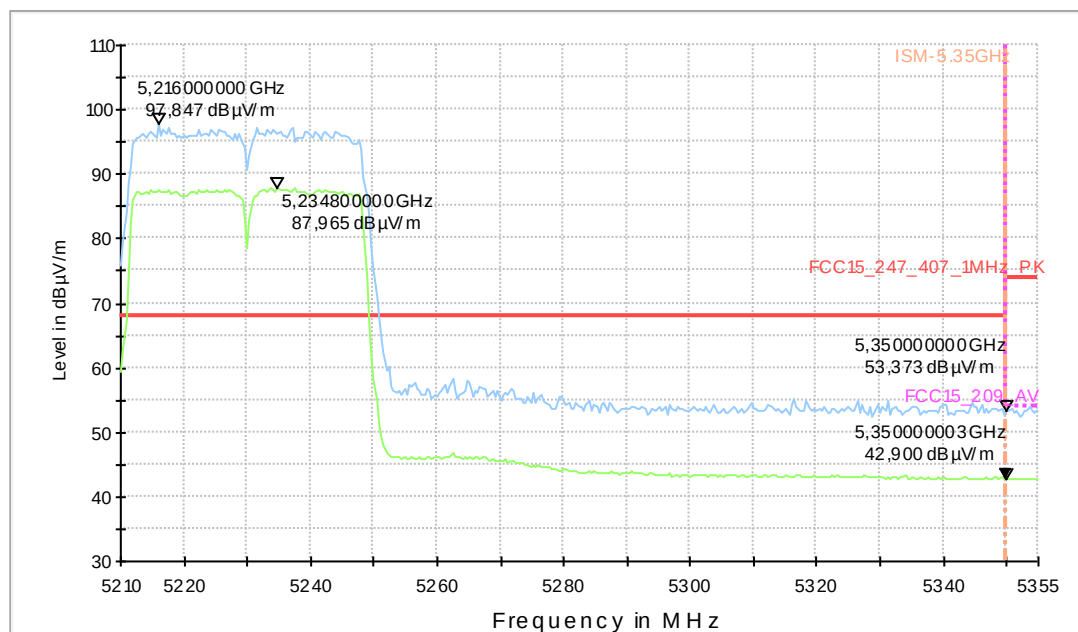
5.8. Channel 46 (AC40-Mode, MCS3)

Diagram No.: 9.09_BE_Ch46_AC40_MCS3

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40-Mode, MCS3
Operator Name:	ABA
Comment:	Channel no. 46

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(1)



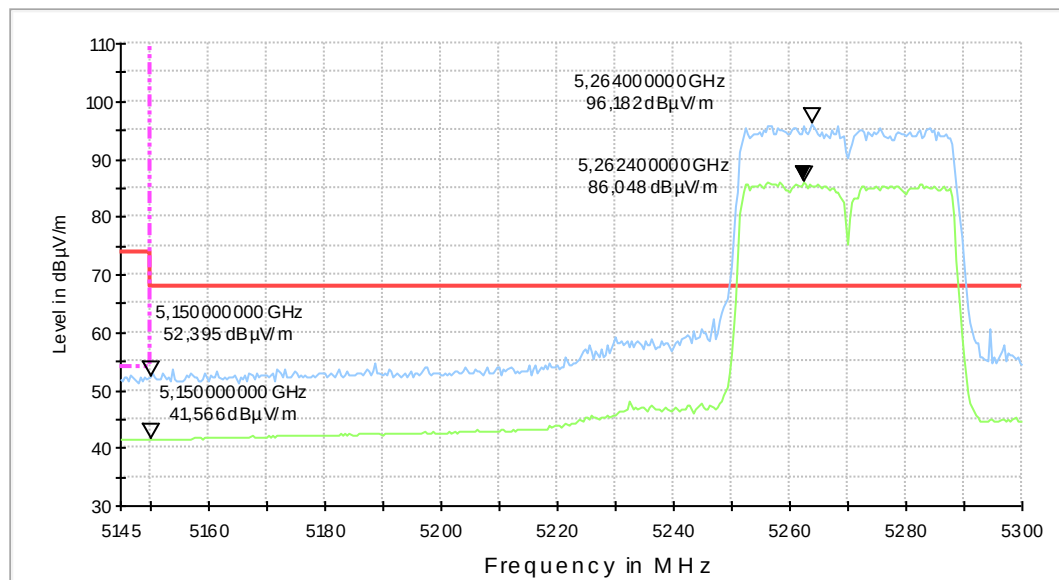
5.9. Channel 54

Diagram No.: 9.10_Ch54_AC40_MCS6

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40-Mode, MCS6
Operator Name:	ABA
Comment:	Channel no. 54

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(3)



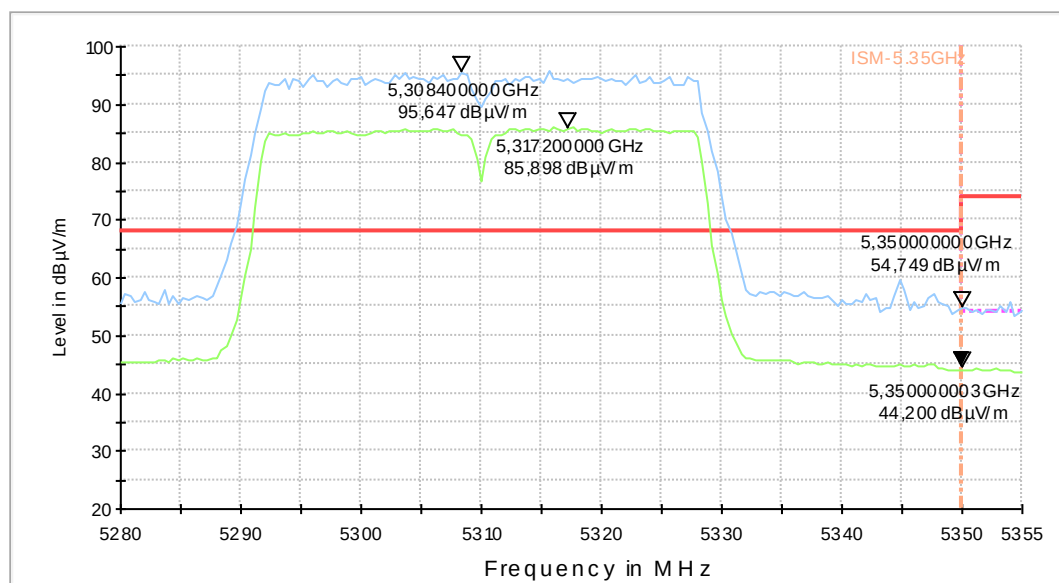
5.10. Channel 62

Diagram No.: 9.11_BE_Ch62_AC40_MCS3

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40, MCS3
Operator Name:	FTe
Comment:	Channel no. high=62

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(2)



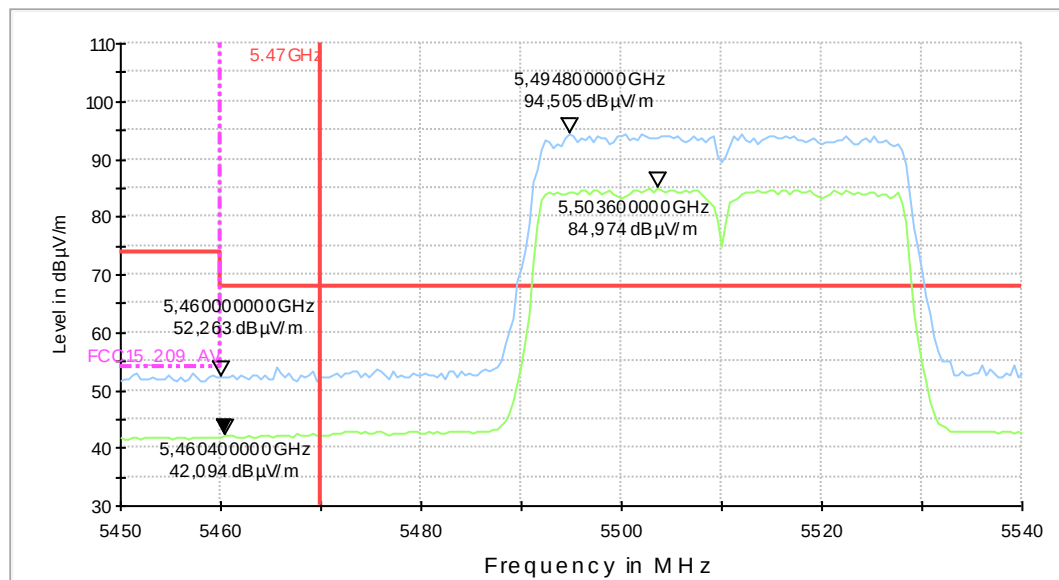
5.11. Channel 102

9.12_BE_Ch102_AC40_MCS4

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, AC40, MCS4
Operator Name:	FTe
Comment:	Channel no. high=102

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(2)



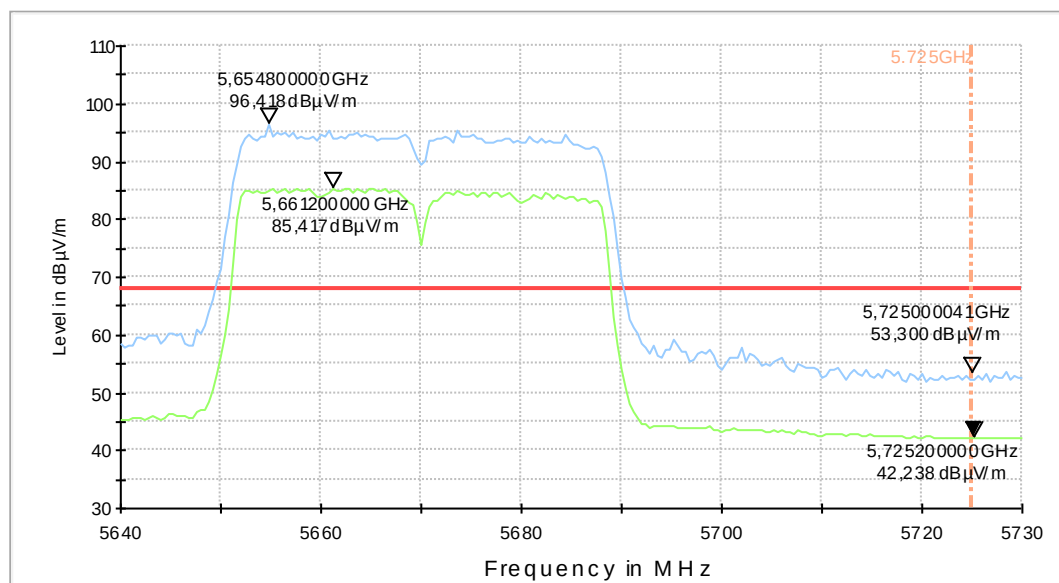
5.12. Channel 134

Diagram No.: 9.13_BE_Ch134_AC40_MCS7

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	FTe
Comment:	Channel no. 134

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(3)



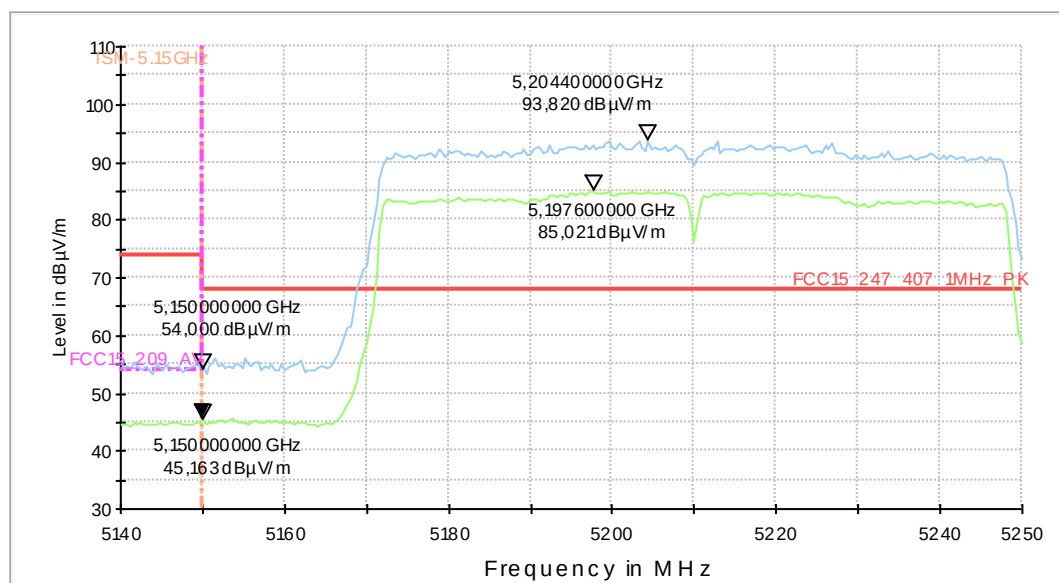
5.13. Channel 42

Diagram No.: 9.14_BE_Ch42_AC80_MCS0

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	FTe
Comment:	Channel no. 42

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(1)



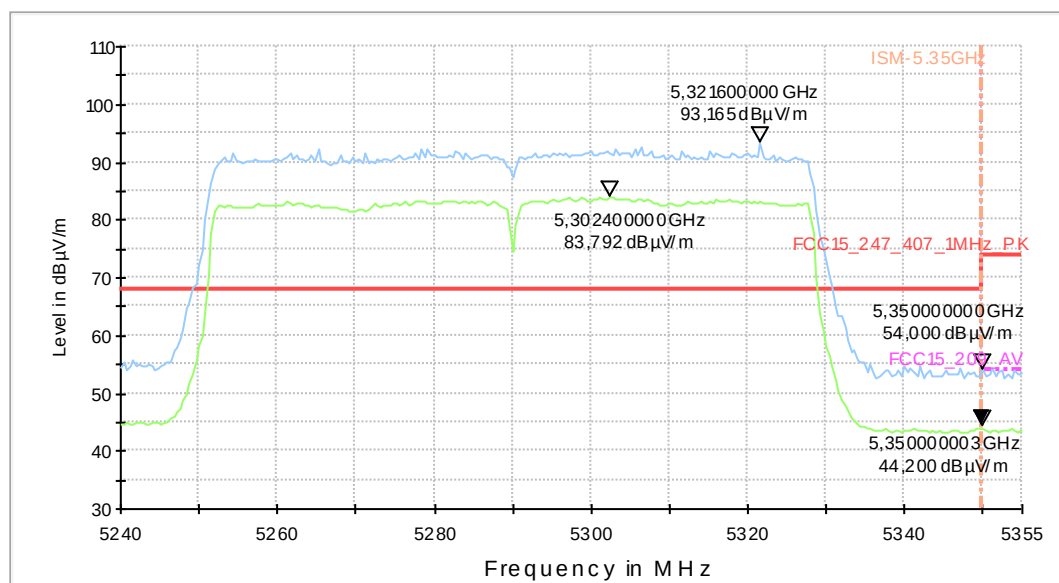
5.14. Channel 58

Diagram No.: 9.15_BE_Ch58_AC80_MCS0

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	FTe
Comment:	Channel no. 58

00431_Sweep1_SM1_KP1_W LAN_FCC15407(b)(2)



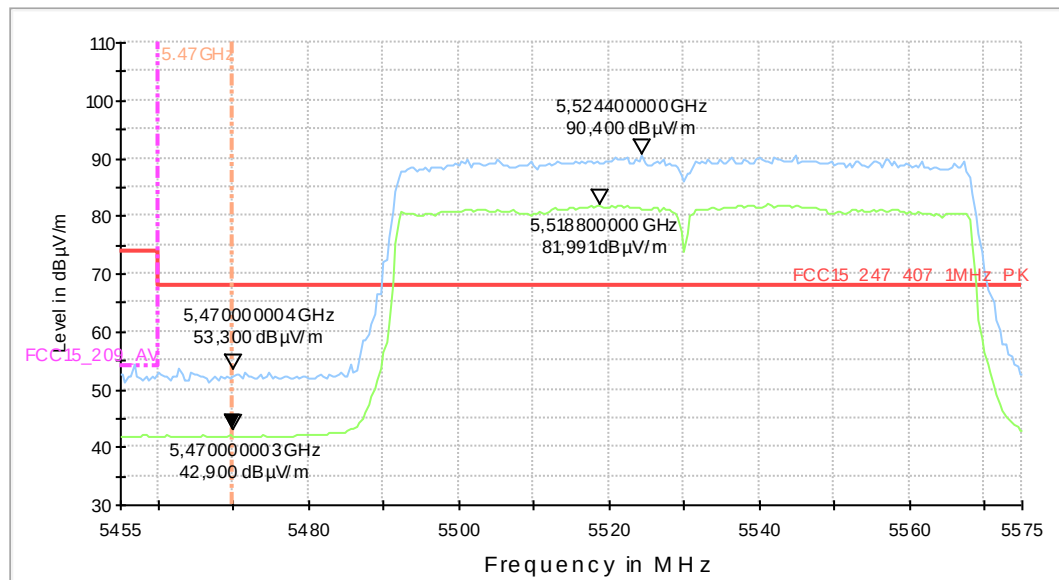
5.15. Channel 106

Diagram No.: 9.16_BE_Ch106_AC80_MCS0

Common Information

Test Description:	Radiated Band-Edge Emissions in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.407&15.209&15.205 Intentional Radiator
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	FTe
Comment:	Channel no. 106

00431_Sweep1_SM1_KP1_WLAN_FCC15407(b)(3)



6. Radiated EMI measurements accord. §15.109 class B

6.1. Frequency range 30MHz to 1000MHz

Diagram No. 3.06_RX-Mode_Ch116

Test description: Date: 17.03.2014 Page 1 of 1
 Test site and distance: Electric Field strength Measurement
 Version of Testsoftware: Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
 Distance correction: 8.51.0
 Used filter: not used
 Test specification: FCC15.109, class B; RSS-Gen.: Issue 3

Operator: dpa
 Operating conditions: RX Mode, Ch116
 Measured sides of EUT: front, right, rear, left, top, under
 Power during tests: 120V 60Hz, battery fully charged
 Comment 1: -

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA- /LTE Tablet PC

 EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Measurement Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)	Correction (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
644.480000	25.4	1000.0	120.000	368.0	H	217.0	0.0	23.5	20.6	46.0

05_FCC15.109_hor+vert_kipp

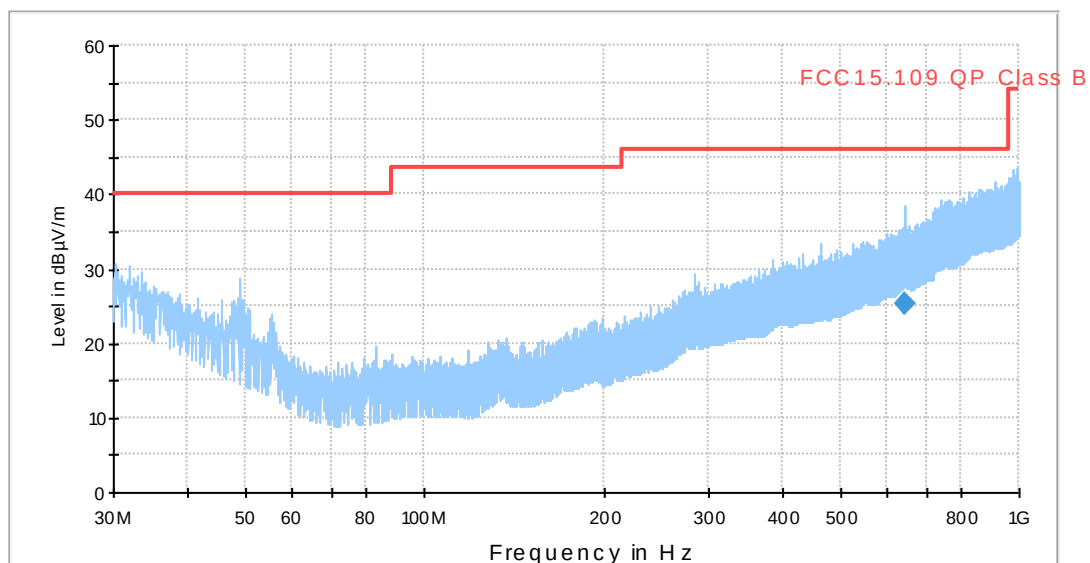


Diagram No. 3.07_RX-Mode_Ch56

Date: 17.03.2014 Page 1 of 1
 Test description: Electric Filed strength Measurement
 Test site and distance: Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
 Version of Testsoftware: 8.51.0
 Distance correction: not used
 Used filter: not used
 Test specification: FCC15.109, class B; RSS-Gen.: Issue 3

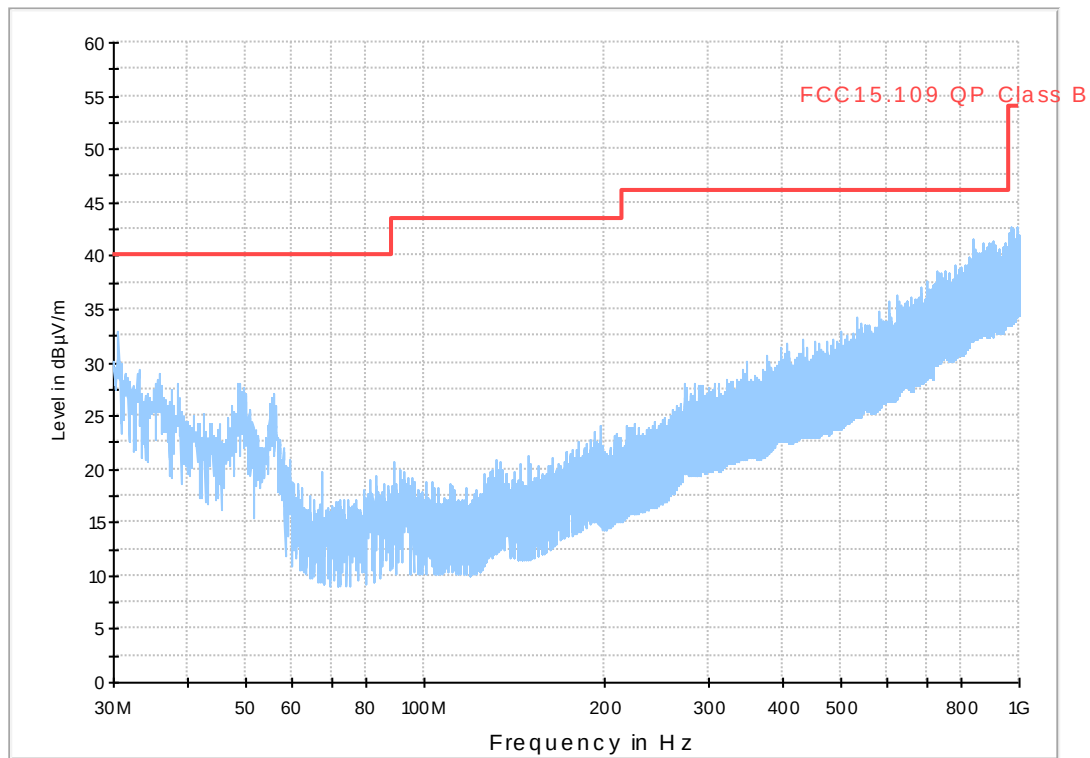
Operator: dpa
 Operating conditions: Wlan 5G, RX Mode, Ch56
 Measured sides of EUT: front, right, rear, left, top, under
 Power during tests: 120V 60Hz, battery fully charged
 Comment 1: -

EUT Information

Manufacturer: Sony
 FDD ID: PY7TM-0042
 Type: GSM-/ WCDMA- /LTE Tablet PC

EUT: RSE #01
 HW version: AP1
 SW version: 17.1.D.0.108
 SVN: -
 Config: -
 Serial number: CB5126DPP9
 Connected Interfaces: Power Supply (EP850) ; USB-cable (EC700)
 Power Supply: Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
 Comments: -

05_FCC15.109_hor+vert_kipp



6.2. Frequency range 1GHz to 16GHz

Diagram 4.13_UN2C_Ch116_RX

Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 15.109
Section:	15.109
Operating Mode:	Rx, a-Mode, Ch116
Equipment Class:	Class B
Environmental Conditions:	Humidity: 44%rH; Temperature: 20°C
Operator:	GAr

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC
EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

030442_FCC_Part15.109_Unint_Rad_Class_B_1G-20G_ESU40

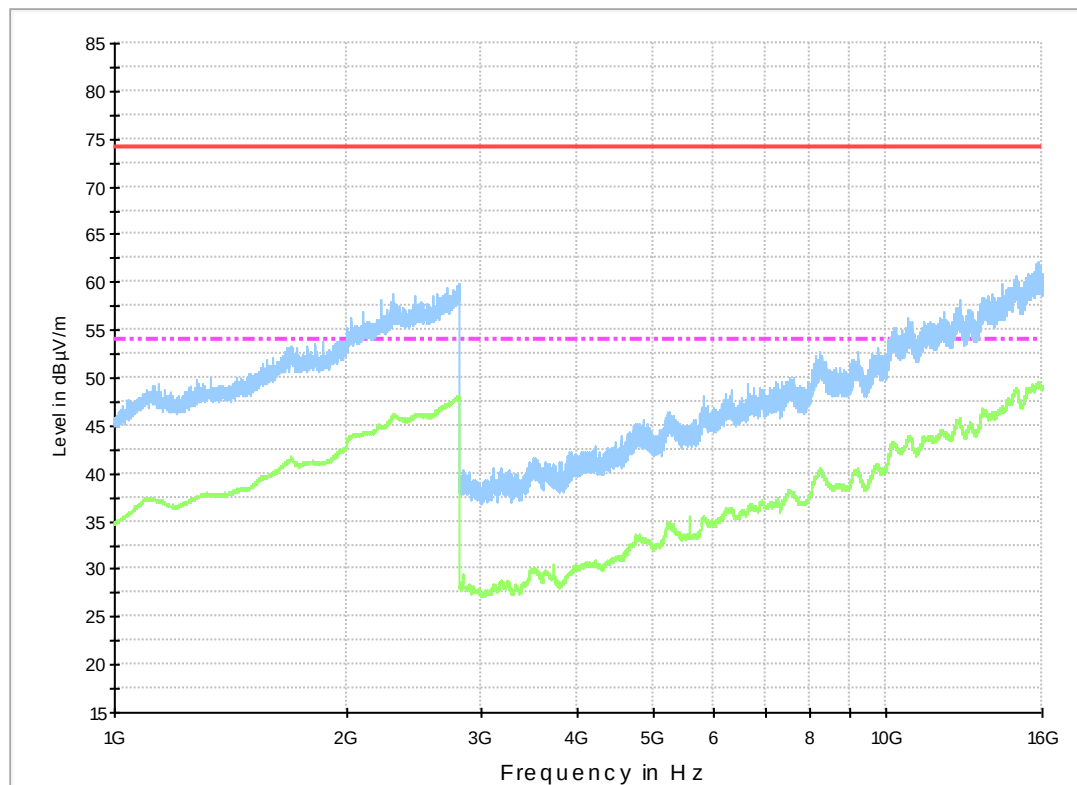


Diagram 4.14_UN2A_Ch56_RX

Common Information

Test Description:	Radiated Field Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part 15.109
Section:	15.109
Operating Mode:	Rx, a-Mode, Ch56
Equipment Class:	Class B
Environmental Conditions:	Humidity: 34%rH; Temperature: 22°C
Operator:	KTa

EUT Information

Manufacturer:	Sony
FDD ID:	PY7TM-0042
Type:	GSM-/ WCDMA- /LTE Tablet PC

EUT:	RSE #01
HW version:	AP1
SW version:	17.1.D.0.108
SVN:	-
Config:	-
Serial number:	CB5126DPP9
Connected Interfaces:	Power Supply (EP850) ; USB-cable (EC700)
Power Supply:	Battery fully charged before test, Device is powered via Power Supply & USB cable connected to 120VAC/60Hz during test
Comments:	-

030442_FCC_Part15.109_Unint_Rad_Class_B_1G-20G_ESU40

