

Annex 1: Measurement diagrams
to
PARTIAL TEST REPORT
No.: 6-0542-14-3-3e

According to:

FCC Part 15.407

for

Bosch Security Systems BV

DCNM-WDE
DICENTIS Wireless Device Extended

FCC-ID: UX8-DCNMWDE







Laboratory Accreditation and Listings			
 DAKKS Deutsche Akkreditierungsstelle D-PL-12047-01-01	 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
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1. Measurement diagrams

1.1. Conducted EMI measurements on AC-mains port according 15.207, class B

Not applicable because not possibility no direct connection to AC-mains. Use of rechargeable batteries, but they will be charged separately within special AC/DC cradle sold separately.

1.2. Radiated field strength measurements accord. §15.209&15.205

1.3. Magnetic field measurements $f < 30\text{MHz}$

1.3.1. Channel 36

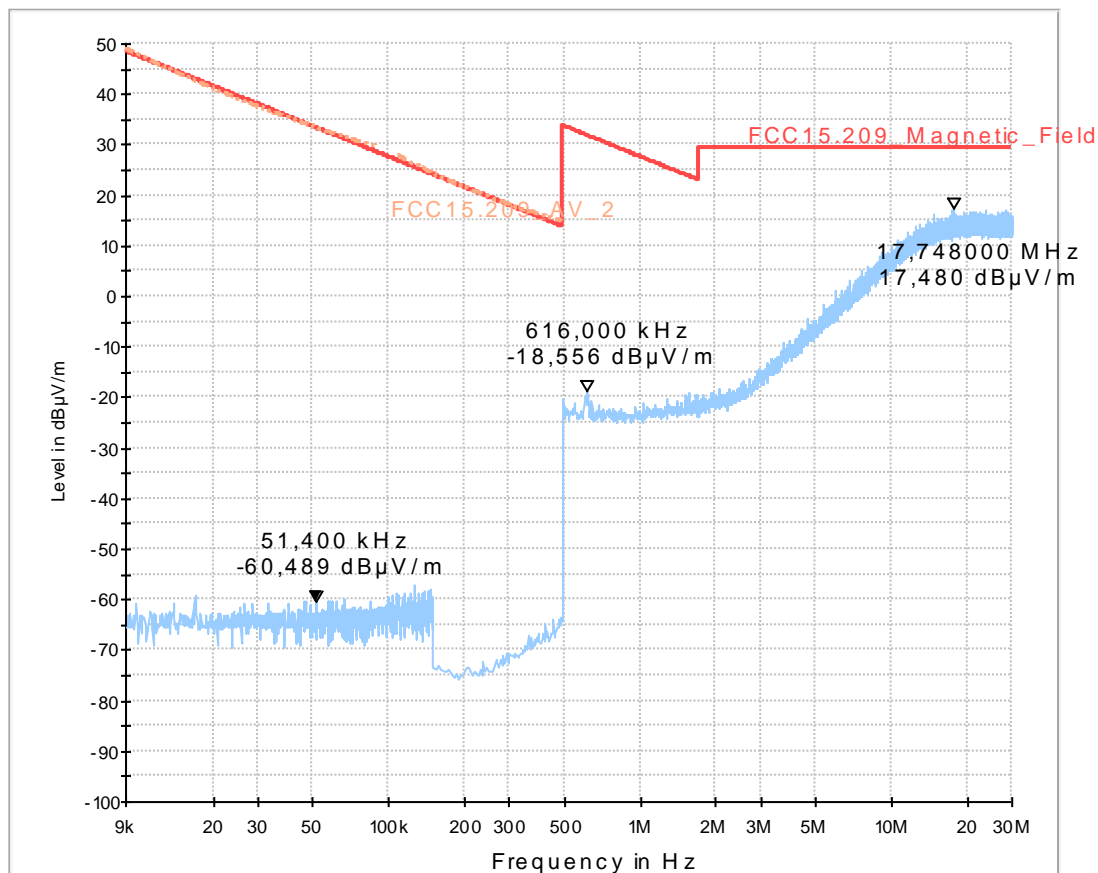
Diagram No. 2.01_TX_Ch36_HT20_MCS8

Test description:	Date: 20.01.2015 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:	EMC32 V8.51.0
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
Operator:	Lor
Operating conditions:	TX-on , continuous, modulation on, Channel 36
Power during tests:	full loaded batteries
Comment 1:	Channel low=5180MHz

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets, long microphone (50cm)
Power Supply:	7.5V nominal

FCC15.209_magn hor+vert



1.3.2. Channel 134

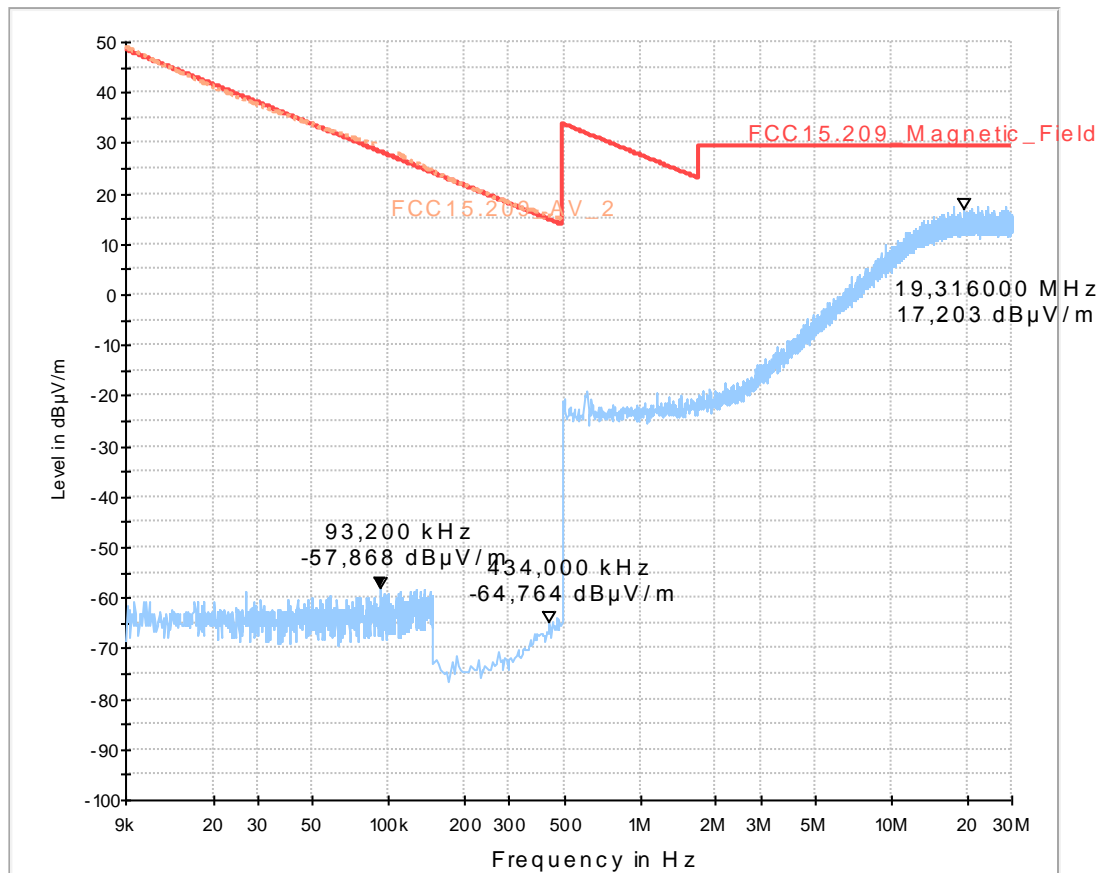
Diagram No. 2.03_TX_Ch134_HT40_MCS8

Test description:	Date: 20.01.2015 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:	EMC32 V8.51.0
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
Operator:	Lor
Operating conditions:	TX-on , continuous, modulation on, Channel 134
Power during tests:	full loaded batteries
Comment 1:	Channel high=5670MHz

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets + long microphone (50cm)
Power Supply:	7.5V nominal

FCC15.209_magn hor+vert



1.4. Field strength measurements 30MHz <f <1GHz

1.4.1. Channel 36

Diagram No. 4.05a_TX_Ch36_HT20_MCS8

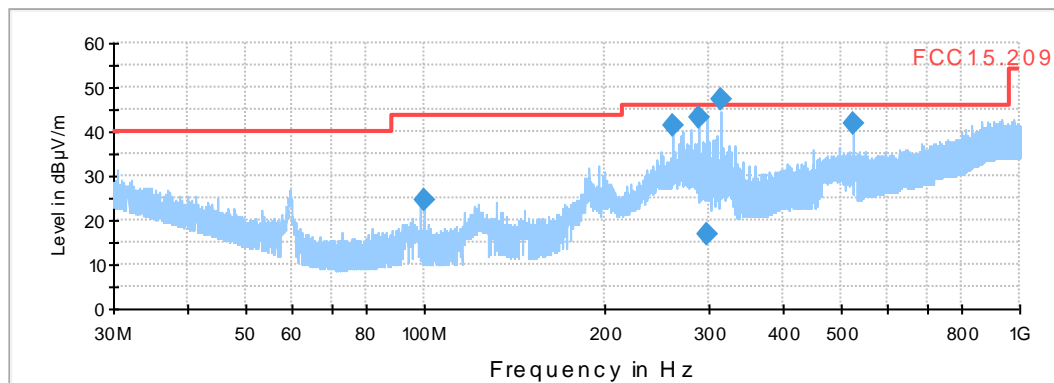
12.12.2014 Page 1 of 2
 Test description: Electric Field Strength Measurement
 Test site and distance: Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
 Version of Testsoftware: EMC32 V8.51.0
 Distance correction: not used
 Used filter: not used
 Technical Data: please see page 2 for detailed data of measurement setup
 Test specification.: FCC 15.209

Operator: KRe
 Operating conditions: WLAN, Channel 36, MCS8
 Power during tests: 7,5 V nominal
 Comment 1:

EUT Information

Manufacturer: Bosch Security
 EuT: DCNM-WDE
 Serial Number: 00:1C:44:01:5C:44
 Connected Interfaces: 2 headsets, long microphone (50cm)
 Power Supply: 7.5V nominal

01_FCC15.209_hor+vert_KP0



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Remarks:
100.000000	24.4	1000.0	120.000	184.0	H	56.0	8.6	19.10	43.50	
261.270000	41.6	1000.0	120.000	105.0	H	81.0	13.9	4.40	46.00	
288.280000	43.2	1000.0	120.000	105.0	H	88.0	14.9	2.80	46.00	
297.990000	17.0	1000.0	120.000	292.0	H	151.0	15.2	29.00	46.00	
315.310000	47.1	1000.0	120.000	105.0	H	99.0	15.6	-1.10	46.00	Frequency not within §15.205 list
525.000000	41.8	1000.0	120.000	190.0	H	157.0	20.8	4.20	46.00	

1.4.2. Channel 134

Diagram No. 4.07a_TX_Ch134_HT40_MCS8

12.12.2014 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: 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

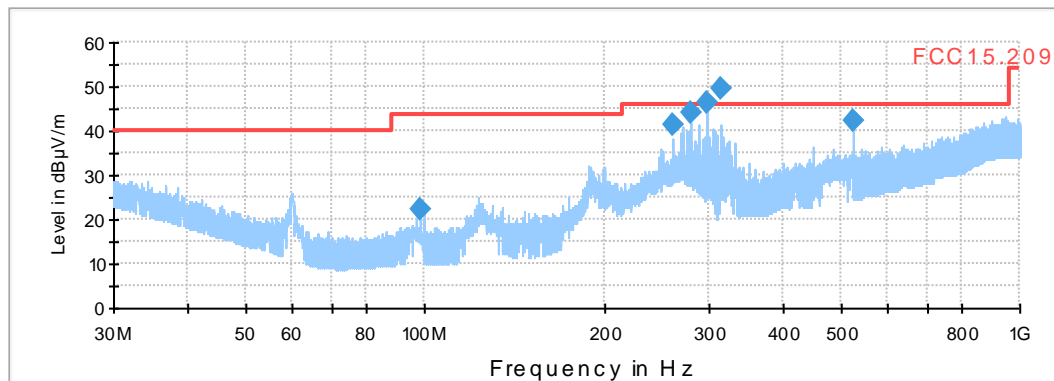
Operator: KRe
 Operating conditions: WLAN, channel 134, MCS8
 Power during tests: 7,5 V nominal
 Comment 1:

EUT Information

Manufacturer: Bosch Security
 EuT: DCNM-WDE

Serial Number: 00:1C:44:01:5C:44
 Connected Interfaces: 2 headsets, long microphone (50cm)
 Power Supply: 7.5V nominal

01_FCC15.209_hor+vert_KP0



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Remarks:
98.310000	22.5	1000.0	120.000	105.0	V	92.0	8.7	21.00	43.50	
261.260000	41.1	1000.0	120.000	105.0	H	86.0	13.9	4.90	46.00	
279.290000	44.2	1000.0	120.000	105.0	H	91.0	14.9	1.80	46.00	
297.290000	46.5	1000.0	120.000	105.0	H	95.0	15.2	-0.50	46.00	Frequencies not within §15.205 list
315.300000	49.4	1000.0	120.000	105.0	H	108.0	15.6	-3.40	46.00	
524.990000	42.2	1000.0	120.000	184.0	H	168.0	20.8	3.80	46.00	

1.5. Field strength measurements $f > 1\text{GHz}$

1.5.1. Channel 36

Diagram No.: 4.05b_Tx_Ch36_HT20_MCS8

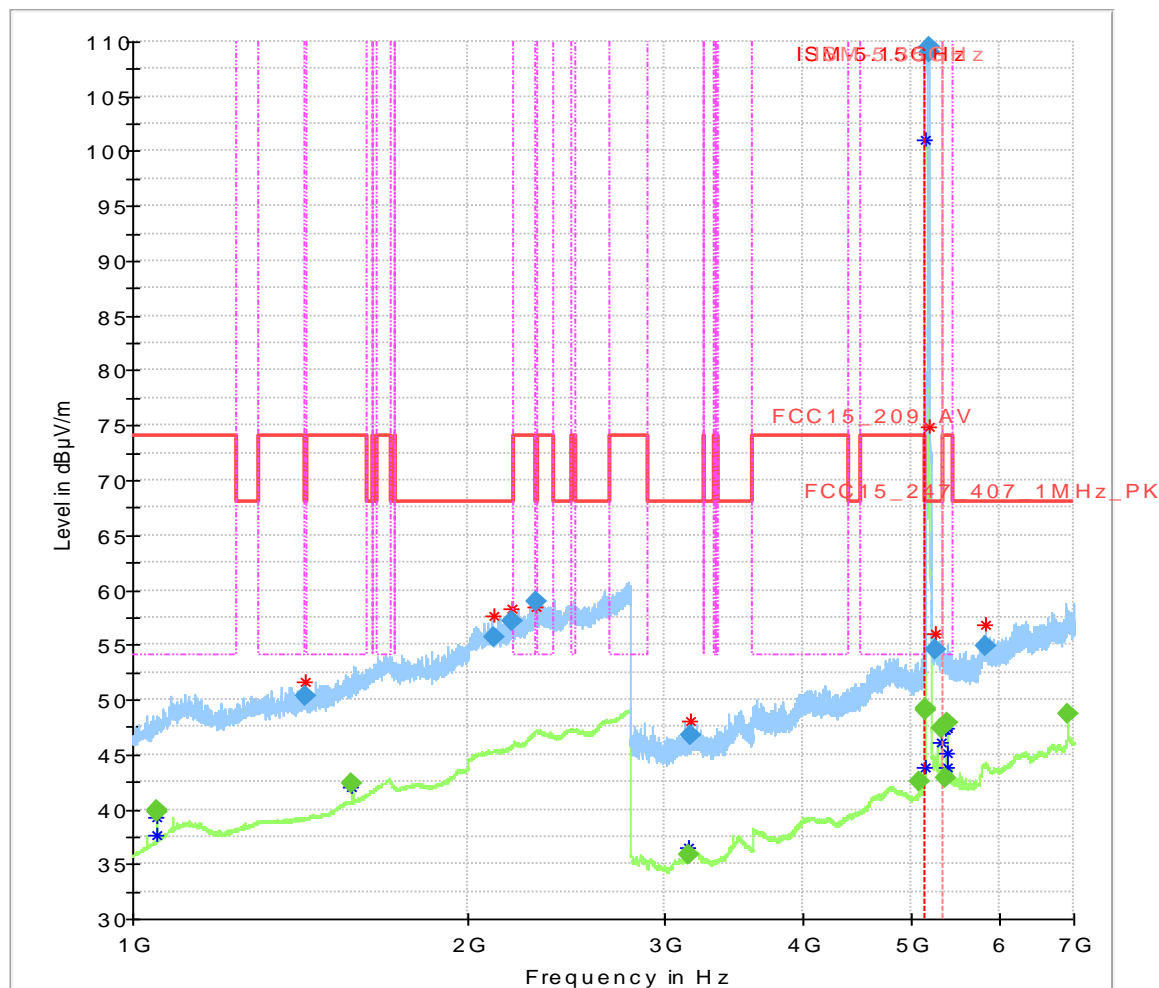
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.407, 15.205&15.209
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	KTa
Comment:	Channel no. low=36, MCS8, HT20

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets
Power Supply:	7.5V nominal
Comments:	Microphone 50cm (long) @cetecom2

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
1050.000000	---	39.85	54.00	14.15	100.0	1000.000	155.0	H	140.0	90.0
1050.050000	---	39.82	54.00	14.18	100.0	1000.000	155.0	H	142.0	90.0
1431.300000	50.34	---	68.00	17.66	100.0	1000.000	155.0	V	127.0	0.0
1574.950000	---	42.42	54.00	11.58	100.0	1000.000	155.0	H	321.0	90.0
2108.700000	55.71	---	68.00	12.29	100.0	1000.000	155.0	H	86.0	0.0
2194.250000	57.18	---	68.00	10.82	100.0	1000.000	155.0	H	27.0	0.0
2304.500000	58.96	---	68.00	9.04	100.0	1000.000	155.0	H	58.0	90.0
3150.000000	---	35.92	150.00	114.08	100.0	1000.000	155.0	H	270.0	0.0
3173.800000	46.73	---	68.00	21.27	100.0	1000.000	155.0	H	-20.0	0.0
5080.000000	---	42.45	54.00	11.55	100.0	1000.000	155.0	V	-1.0	0.0
5149.750000	---	49.04	54.00	4.96	100.0	1000.000	155.0	V	-8.0	90.0
5149.850000	---	49.21	54.00	4.79	100.0	1000.000	155.0	V	-9.0	90.0
5182.650000	109.58	---	68.00	-41.58	100.0	1000.000	155.0	V	-19.0	90.0
5184.850000	109.06	---	68.00	-41.06	100.0	1000.000	155.0	H	316.0	90.0
5246.500000	54.48	---	68.00	13.52	100.0	1000.000	155.0	H	151.0	0.0
5320.000000	---	47.34	150.00	102.66	100.0	1000.000	155.0	V	54.0	90.0
5360.000000	---	42.84	54.00	11.16	100.0	1000.000	155.0	V	51.0	90.0
5400.000000	---	47.94	54.00	6.06	100.0	1000.000	155.0	V	50.0	90.0
5822.150000	54.82	---	68.00	13.18	100.0	1000.000	155.0	V	95.0	90.0
6906.650000	---	48.74	150.00	101.26	100.0	1000.000	155.0	V	315.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr.	Comment
1050.000000	32.9	19:33:50 - 11.12.2014
1050.050000	32.9	19:35:04 - 11.12.2014
1431.300000	35.3	19:31:06 - 11.12.2014
1574.950000	36.8	19:36:32 - 11.12.2014
2108.700000	40.1	19:28:15 - 11.12.2014
2194.250000	41.0	19:27:04 - 11.12.2014
2304.500000	41.8	19:29:37 - 11.12.2014
3150.000000	5.4	20:18:56 - 11.12.2014
3173.800000	5.6	19:59:54 - 11.12.2014
5080.000000	10.2	20:08:09 - 11.12.2014
5149.750000	10.8	20:09:30 - 11.12.2014
5149.850000	10.8	20:10:47 - 11.12.2014
5182.650000	11.5	20:01:31 - 11.12.2014
5184.850000	11.6	20:06:11 - 11.12.2014
5246.500000	12.7	20:04:36 - 11.12.2014
5320.000000	12.4	20:13:19 - 11.12.2014
5360.000000	12.0	20:14:35 - 11.12.2014
5400.000000	11.7	20:17:07 - 11.12.2014
5822.150000	13.5	20:02:55 - 11.12.2014
6906.650000	16.3	20:20:31 - 11.12.2014

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
1050.000000	---	39.85	54.00	14.15	100.0	1000.000	155.0	H	140.0	90.0
1050.050000	---	39.82	54.00	14.18	100.0	1000.000	155.0	H	142.0	90.0
1431.300000	50.34	---	68.00	17.66	100.0	1000.000	155.0	V	127.0	0.0
1574.950000	---	42.42	54.00	11.58	100.0	1000.000	155.0	H	321.0	90.0
2108.700000	55.71	---	68.00	12.29	100.0	1000.000	155.0	H	86.0	0.0
2194.250000	57.18	---	68.00	10.82	100.0	1000.000	155.0	H	27.0	0.0
2304.500000	58.96	---	68.00	9.04	100.0	1000.000	155.0	H	58.0	90.0
3150.000000	---	35.92	150.00	114.08	100.0	1000.000	155.0	H	270.0	0.0
3173.800000	46.73	---	68.00	21.27	100.0	1000.000	155.0	H	-20.0	0.0
5080.000000	---	42.45	54.00	11.55	100.0	1000.000	155.0	V	-1.0	0.0
5149.750000	---	49.04	54.00	4.96	100.0	1000.000	155.0	V	-8.0	90.0
5149.850000	---	49.21	54.00	4.79	100.0	1000.000	155.0	V	-9.0	90.0
5182.650000	109.58	---	68.00	-41.58	100.0	1000.000	155.0	V	-19.0	90.0
5184.850000	109.06	---	68.00	-41.06	100.0	1000.000	155.0	H	316.0	90.0
5246.500000	54.48	---	68.00	13.52	100.0	1000.000	155.0	H	151.0	0.0
5320.000000	---	47.34	150.00	102.66	100.0	1000.000	155.0	V	54.0	90.0
5360.000000	---	42.84	54.00	11.16	100.0	1000.000	155.0	V	51.0	90.0
5400.000000	---	47.94	54.00	6.06	100.0	1000.000	155.0	V	50.0	90.0
5822.150000	54.82	---	68.00	13.18	100.0	1000.000	155.0	V	95.0	90.0
6906.650000	---	48.74	150.00	101.26	100.0	1000.000	155.0	V	315.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr .	Comment
1050.000000	32.9	19:33:50 - 11.12.2014
1050.050000	32.9	19:35:04 - 11.12.2014
1431.300000	35.3	19:31:06 - 11.12.2014
1574.950000	36.8	19:36:32 - 11.12.2014
2108.700000	40.1	19:28:15 - 11.12.2014
2194.250000	41.0	19:27:04 - 11.12.2014
2304.500000	41.8	19:29:37 - 11.12.2014
3150.000000	5.4	20:18:56 - 11.12.2014
3173.800000	5.6	19:59:54 - 11.12.2014
5080.000000	10.2	20:08:09 - 11.12.2014
5149.750000	10.8	20:09:30 - 11.12.2014
5149.850000	10.8	20:10:47 - 11.12.2014
5182.650000	11.5	20:01:31 - 11.12.2014
5184.850000	11.6	20:06:11 - 11.12.2014
5246.500000	12.7	20:04:36 - 11.12.2014
5320.000000	12.4	20:13:19 - 11.12.2014
5360.000000	12.0	20:14:35 - 11.12.2014
5400.000000	11.7	20:17:07 - 11.12.2014
5822.150000	13.5	20:02:55 - 11.12.2014
6906.650000	16.3	20:20:31 - 11.12.2014

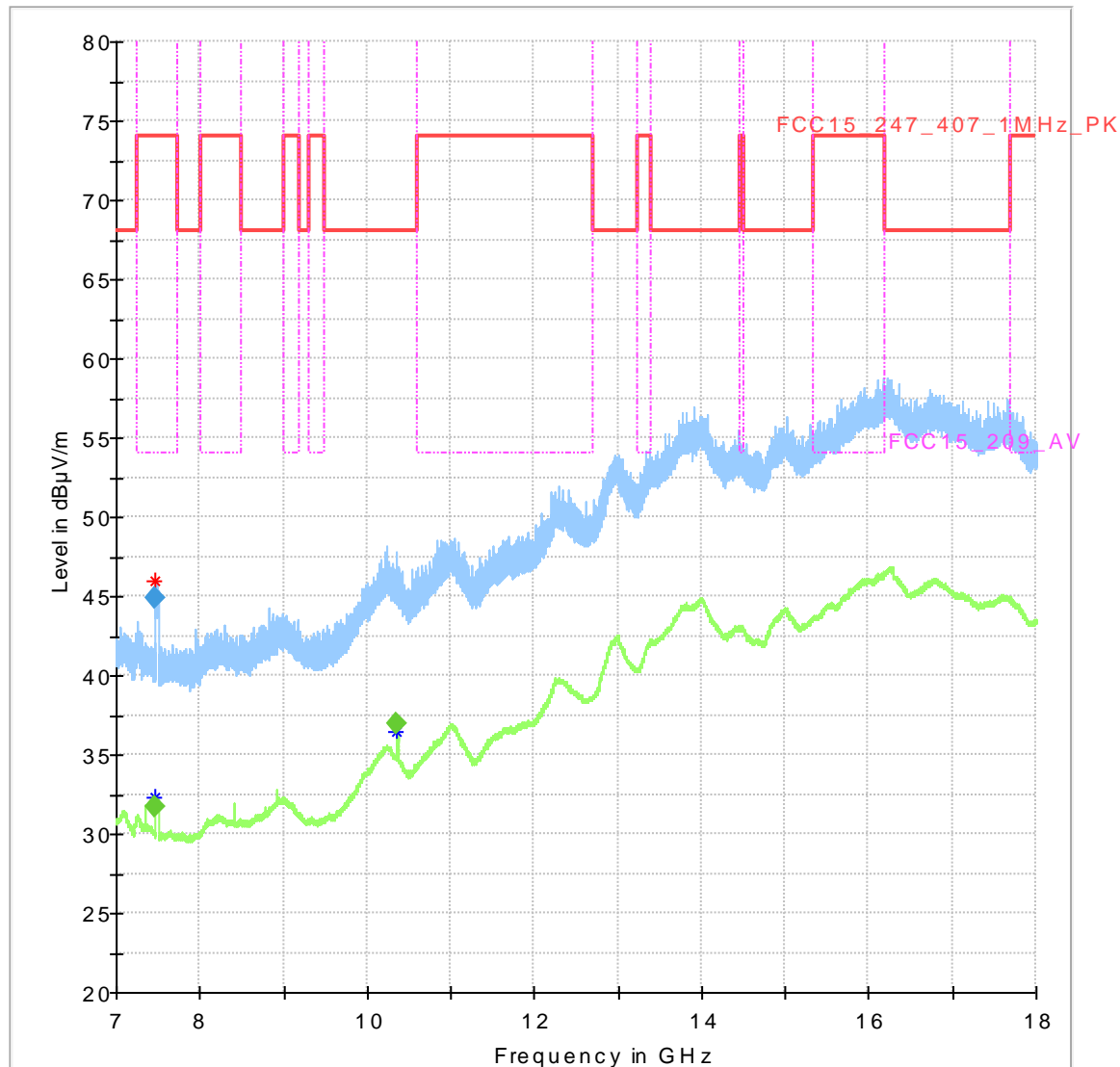
Diagram No.: 4.05c_TX_Ch36_HT20_MCS8**Common Information**

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.407, 15.205&15.209
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	Lor
Comment:	Channel no. low=36, MCS8, HT20

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets
Power Supply:	7.5V nominal
Comments:	Microphone 50cm (long) @cetecom2

Full Spectrum

**Final_Result**

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)
7466.000000	---	31.71	54.00	22.29	100.0	1000.000	155.0	V	91.0	0.0
7469.100000	44.82	---	74.00	29.18	100.0	1000.000	155.0	V	88.0	0.0
10359.500000	---	36.95	150.00	113.05	100.0	1000.000	155.0	V	187.0	0.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Correction	Comment
7466.000000	4.4	11:16:59 - 11.12.2014
7469.100000	4.4	11:15:10 - 11.12.2014
10359.500000	9.8	11:18:32 - 11.12.2014

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)
7466.000000	---	31.71	54.00	22.29	100.0	1000.000	155.0	V	91.0	0.0
7469.100000	44.82	---	74.00	29.18	100.0	1000.000	155.0	V	88.0	0.0
10359.500000	---	36.95	150.00	113.05	100.0	1000.000	155.0	V	187.0	0.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Correction	Comment
7466.000000	4.4	11:16:59 - 11.12.2014
7469.100000	4.4	11:15:10 - 11.12.2014
10359.500000	9.8	11:18:32 - 11.12.2014

Diagram No.: 4.05d_TX_Ch36_HT20_MCS8

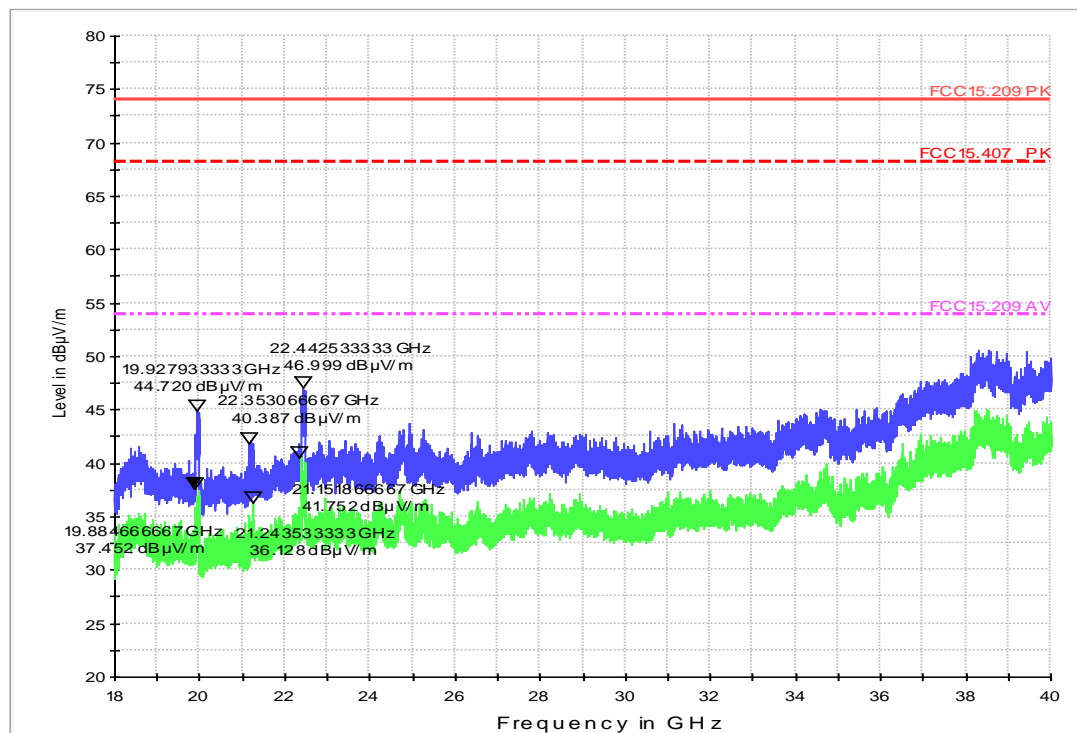
Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.407, 15.205&15.209
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:	TX mode continuous
Operator Name:	Lor
Comment:	Channel no. low=36 (5180MHz)

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets, long microphone 50cm
Power Supply:	7.5V nominal

FCC_Sweep_15.407_18_40GHz_Pre



1.5.2. Channel 134

Diagram No.: 4.07b_Tx_Ch134_HT40_MSC8

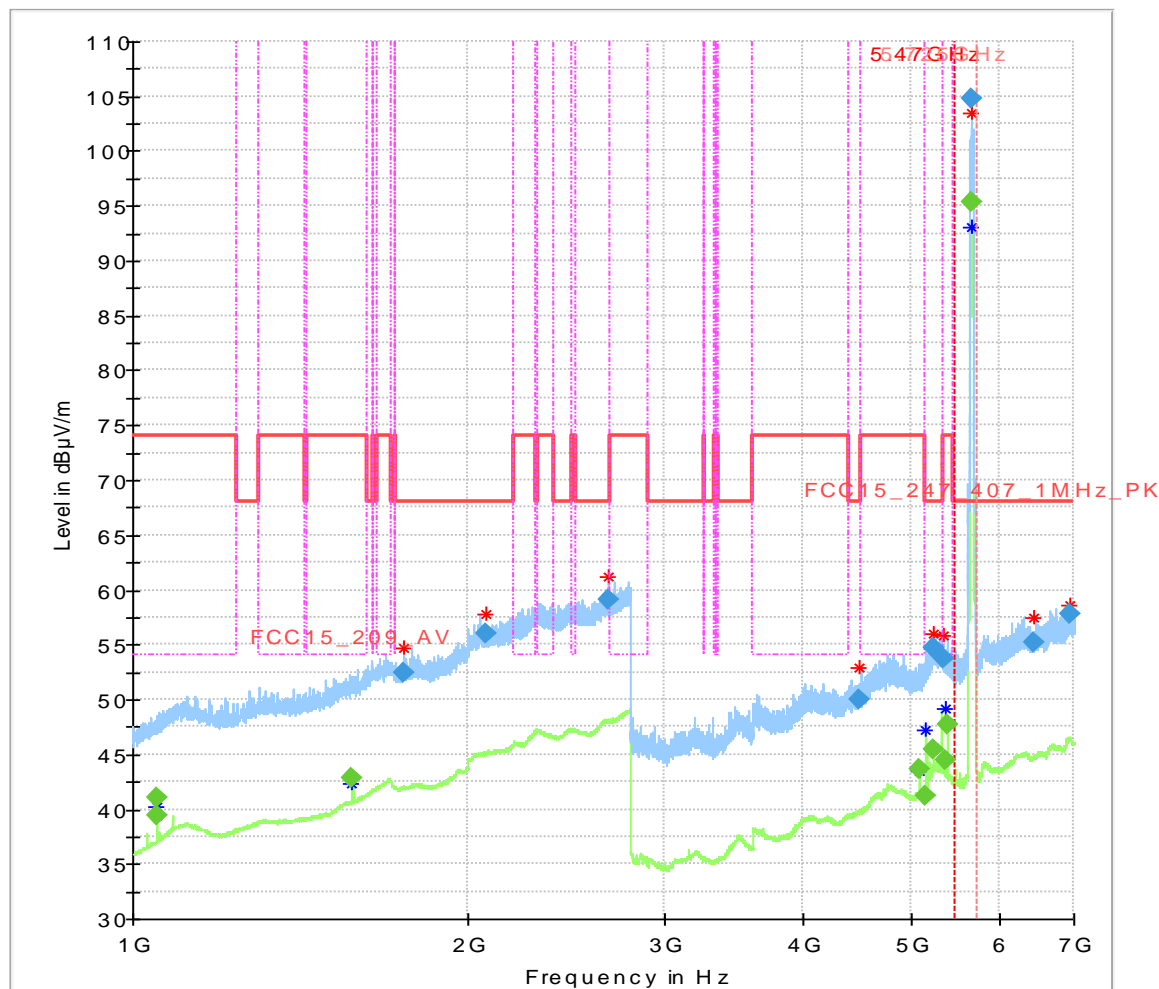
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.407, 15.205&15.209
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous
Operator Name:	KTa
Comment:	Channel no. high=134, HT40, MCS8

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets
Power Supply:	7.5V nominal
Comments:	Microphone 50cm (long) @cetecom2

Full Spectrum



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
1050.000000	---	41.03	54.00	12.97	100.0	1000.000	155.0	H	33.0	0.0
1050.050000	---	39.45	54.00	14.55	100.0	1000.000	155.0	H	139.0	90.0
1575.050000	---	42.78	54.00	11.22	100.0	1000.000	155.0	H	307.0	90.0
1748.150000	52.36	---	68.00	15.64	100.0	1000.000	155.0	V	315.0	0.0
2079.500000	56.05	---	68.00	11.95	100.0	1000.000	155.0	H	253.0	0.0
2674.300000	59.03	---	68.00	8.97	100.0	1000.000	155.0	V	225.0	90.0
4487.700000	49.96	---	68.00	18.04	100.0	1000.000	155.0	H	244.0	90.0
5080.000000	---	43.59	54.00	10.41	100.0	1000.000	155.0	V	30.0	90.0
5149.000000	---	41.26	54.00	12.74	100.0	1000.000	155.0	V	14.0	90.0
5240.000000	---	45.43	150.00	104.57	100.0	1000.000	155.0	V	44.0	90.0
5246.050000	54.64	---	68.00	13.36	100.0	1000.000	155.0	V	9.0	0.0
5350.000000	53.72	---	68.00	14.28	100.0	1000.000	155.0	V	18.0	90.0
5360.000000	---	44.40	54.00	9.60	100.0	1000.000	155.0	V	42.0	90.0
5400.000000	---	47.77	54.00	6.23	100.0	1000.000	155.0	V	16.0	90.0
5659.550000	---	95.42	150.00	54.58	100.0	1000.000	155.0	V	24.0	90.0
5662.950000	104.86	---	68.00	-36.86	100.0	1000.000	155.0	V	-19.0	90.0
6441.300000	55.26	---	68.00	12.74	100.0	1000.000	155.0	H	343.0	90.0
6941.250000	57.73	---	68.00	10.27	100.0	1000.000	155.0	H	146.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr.	Comment
1050.000000	32.9	16:20:12 - 11.12.2014
1050.050000	32.9	16:21:36 - 11.12.2014
1575.050000	36.8	16:23:03 - 11.12.2014
1748.150000	37.7	16:18:28 - 11.12.2014
2079.500000	39.8	16:17:01 - 11.12.2014
2674.300000	42.9	16:15:38 - 11.12.2014
4487.700000	8.4	16:48:40 - 11.12.2014
5080.000000	10.2	16:52:58 - 11.12.2014
5149.000000	10.8	16:54:17 - 11.12.2014
5240.000000	12.6	16:55:31 - 11.12.2014
5246.050000	12.7	16:42:51 - 11.12.2014
5350.000000	12.2	16:45:34 - 11.12.2014
5360.000000	12.0	16:56:42 - 11.12.2014
5400.000000	11.7	16:57:59 - 11.12.2014
5659.550000	11.6	16:51:44 - 11.12.2014
5662.950000	11.6	16:44:14 - 11.12.2014
6441.300000	14.6	16:49:56 - 11.12.2014
6941.250000	16.2	16:47:15 - 11.12.2014

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
1050.000000	---	41.03	54.00	12.97	100.0	1000.000	155.0	H	33.0	0.0
1050.050000	---	39.45	54.00	14.55	100.0	1000.000	155.0	H	139.0	90.0
1575.050000	---	42.78	54.00	11.22	100.0	1000.000	155.0	H	307.0	90.0
1748.150000	52.36	---	68.00	15.64	100.0	1000.000	155.0	V	315.0	0.0
2079.500000	56.05	---	68.00	11.95	100.0	1000.000	155.0	H	253.0	0.0
2674.300000	59.03	---	68.00	8.97	100.0	1000.000	155.0	V	225.0	90.0
4487.700000	49.96	---	68.00	18.04	100.0	1000.000	155.0	H	244.0	90.0
5080.000000	---	43.59	54.00	10.41	100.0	1000.000	155.0	V	30.0	90.0
5149.000000	---	41.26	54.00	12.74	100.0	1000.000	155.0	V	14.0	90.0
5240.000000	---	45.43	150.00	104.57	100.0	1000.000	155.0	V	44.0	90.0
5246.050000	54.64	---	68.00	13.36	100.0	1000.000	155.0	V	9.0	0.0
5350.000000	53.72	---	68.00	14.28	100.0	1000.000	155.0	V	18.0	90.0
5360.000000	---	44.40	54.00	9.60	100.0	1000.000	155.0	V	42.0	90.0
5400.000000	---	47.77	54.00	6.23	100.0	1000.000	155.0	V	16.0	90.0
5659.550000	---	95.42	150.00	54.58	100.0	1000.000	155.0	V	24.0	90.0
5662.950000	104.86	---	68.00	-36.86	100.0	1000.000	155.0	V	-19.0	90.0
6441.300000	55.26	---	68.00	12.74	100.0	1000.000	155.0	H	343.0	90.0
6941.250000	57.73	---	68.00	10.27	100.0	1000.000	155.0	H	146.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Corr .	Comment
1050.000000	32.9	16:20:12 - 11.12.2014
1050.050000	32.9	16:21:36 - 11.12.2014
1575.050000	36.8	16:23:03 - 11.12.2014
1748.150000	37.7	16:18:28 - 11.12.2014
2079.500000	39.8	16:17:01 - 11.12.2014
2674.300000	42.9	16:15:38 - 11.12.2014
4487.700000	8.4	16:48:40 - 11.12.2014
5080.000000	10.2	16:52:58 - 11.12.2014
5149.000000	10.8	16:54:17 - 11.12.2014
5240.000000	12.6	16:55:31 - 11.12.2014
5246.050000	12.7	16:42:51 - 11.12.2014
5350.000000	12.2	16:45:34 - 11.12.2014
5360.000000	12.0	16:56:42 - 11.12.2014
5400.000000	11.7	16:57:59 - 11.12.2014
5659.550000	11.6	16:51:44 - 11.12.2014
5662.950000	11.6	16:44:14 - 11.12.2014
6441.300000	14.6	16:49:56 - 11.12.2014
6941.250000	16.2	16:47:15 - 11.12.2014

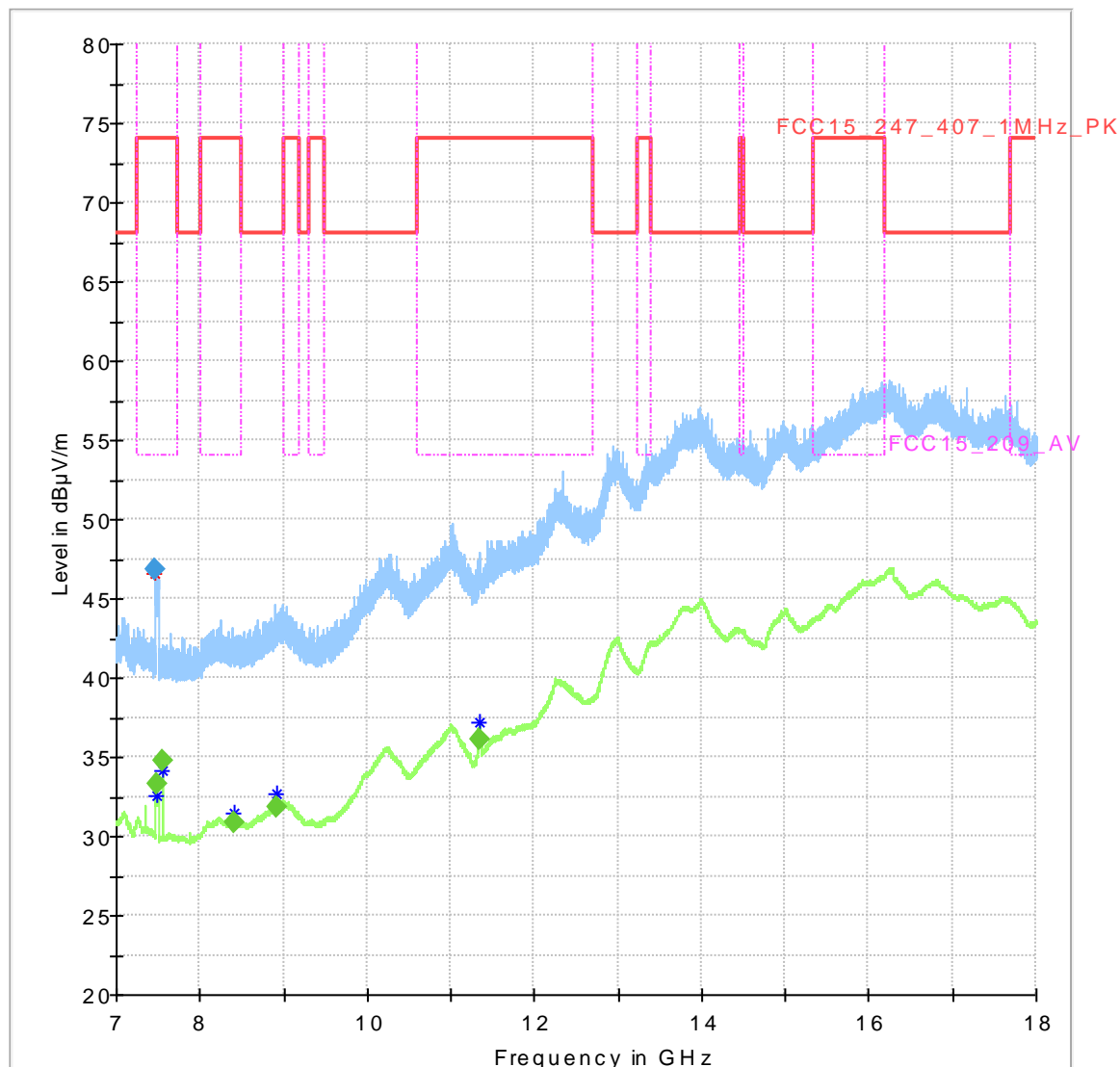
Diagram No.: 4.07c_TX_Ch134_HT40_MCS8**Common Information**

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.407, 15.205&15.209
Antenna polarisation:	horizontal/vertical
Operation mode:	TX, continuous, 100%
Operator Name:	Lor/KRe
Comment:	Channel no. middle=134, HT40, MCS8, PWR=15.0dBm

EUT Information

Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets
Power Supply:	7.5V nominal
Comments:	Microphone 50cm (long) @cetecom2

Full Spectrum

**Final_Result**

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)
7472.500000	46.88	---	74.00	27.12	100.0	1000.000	155.0	V	198.0	0.0
7496.000000	---	33.28	54.00	20.72	100.0	1000.000	155.0	V	191.0	0.0
7560.000000	---	34.78	54.00	19.22	100.0	1000.000	155.0	V	351.0	90.0
8400.000000	---	30.91	54.00	23.09	100.0	1000.000	155.0	H	317.0	0.0
8925.050000	---	31.77	150.00	118.2	100.0	1000.000	155.0	V	315.0	0.0
11340.000000	---	36.10	54.00	17.90	100.0	1000.000	155.0	V	2.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Correction	Comment
7472.500000	4.4	14:40:18 - 11.12.2014
7496.000000	4.3	14:43:48 - 11.12.2014
7560.000000	4.3	14:48:05 - 11.12.2014
8400.000000	5.8	14:45:25 - 11.12.2014
8925.050000	7.0	14:46:44 - 11.12.2014
11340.000000	10.3	14:42:02 - 11.12.2014

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	RMS (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Measurement Time	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Elevation (deg)
7472.500000	46.88	---	74.00	27.12	100.0	1000.000	155.0	V	198.0	0.0
7496.000000	---	33.28	54.00	20.72	100.0	1000.000	155.0	V	191.0	0.0
7560.000000	---	34.78	54.00	19.22	100.0	1000.000	155.0	V	351.0	90.0
8400.000000	---	30.91	54.00	23.09	100.0	1000.000	155.0	H	317.0	0.0
8925.050000	---	31.77	150.00	118.2	100.0	1000.000	155.0	V	315.0	0.0
11340.000000	---	36.10	54.00	17.90	100.0	1000.000	155.0	V	2.0	90.0

(continuation of the "Final_Result" table from column 16 ...)

Frequency (MHz)	Correction	Comment
7472.500000	4.4	14:40:18 - 11.12.2014
7496.000000	4.3	14:43:48 - 11.12.2014
7560.000000	4.3	14:48:05 - 11.12.2014
8400.000000	5.8	14:45:25 - 11.12.2014
8925.050000	7.0	14:46:44 - 11.12.2014
11340.000000	10.3	14:42:02 - 11.12.2014

Diagram No.: 4.07d_TX_Ch134_HT40_MCS8

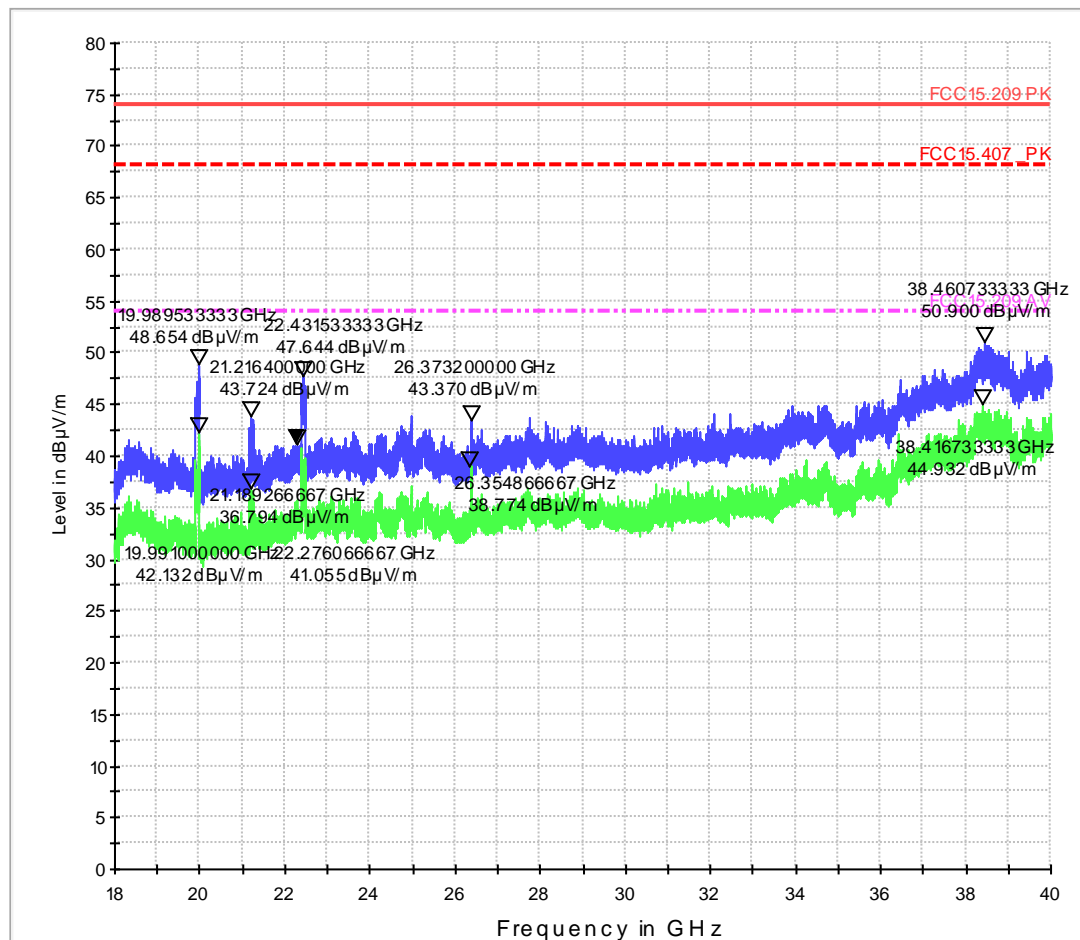
Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.247, 15.407, 15.205&15.209
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:	TX mode continuous
Operator Name:	Lor
Comment:	Channel no. high = 134 (5670MHz)

EUT Information

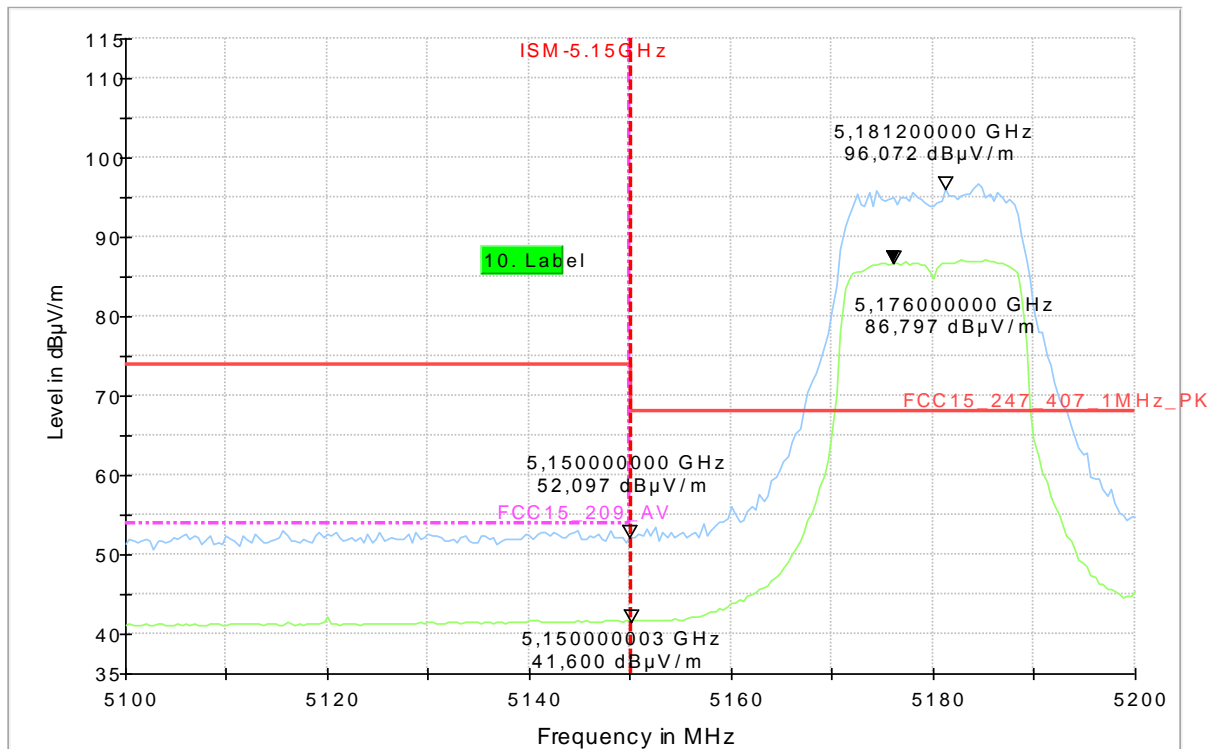
Manufacturer:	Bosch Security
EuT:	DCNM-WDE
Serial Number:	00:1C:44:01:5C:44
Connected Interfaces:	2 headsets, long microphone 50cm
Power Supply:	7.5V nominal

FCC_Sweep_15.407_18_40GHz_Pre

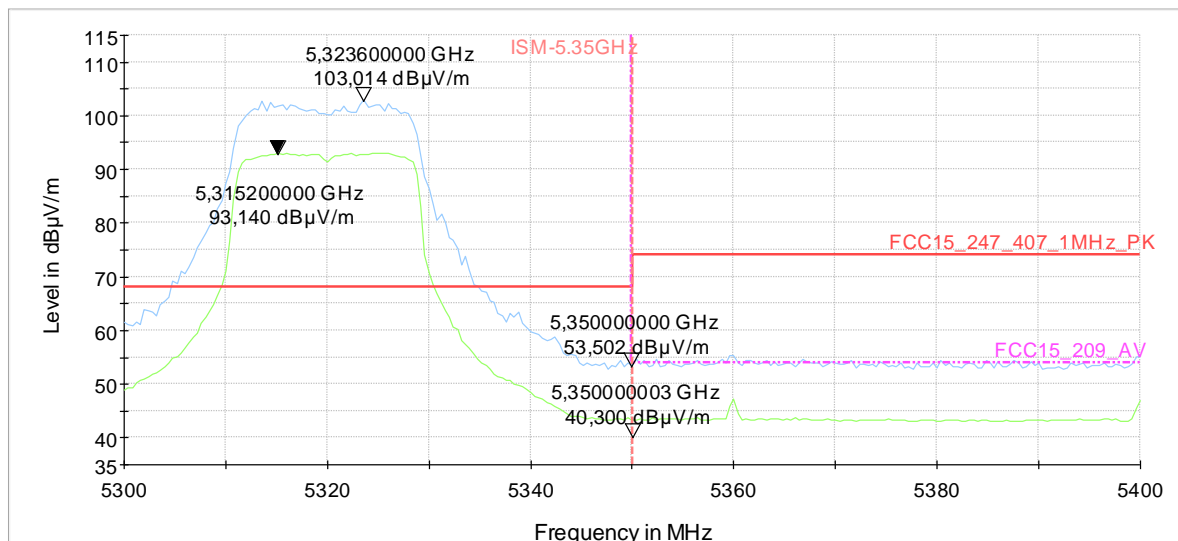


1.6. Radiated band-edge measurements accord. §15.407 (§15.205)

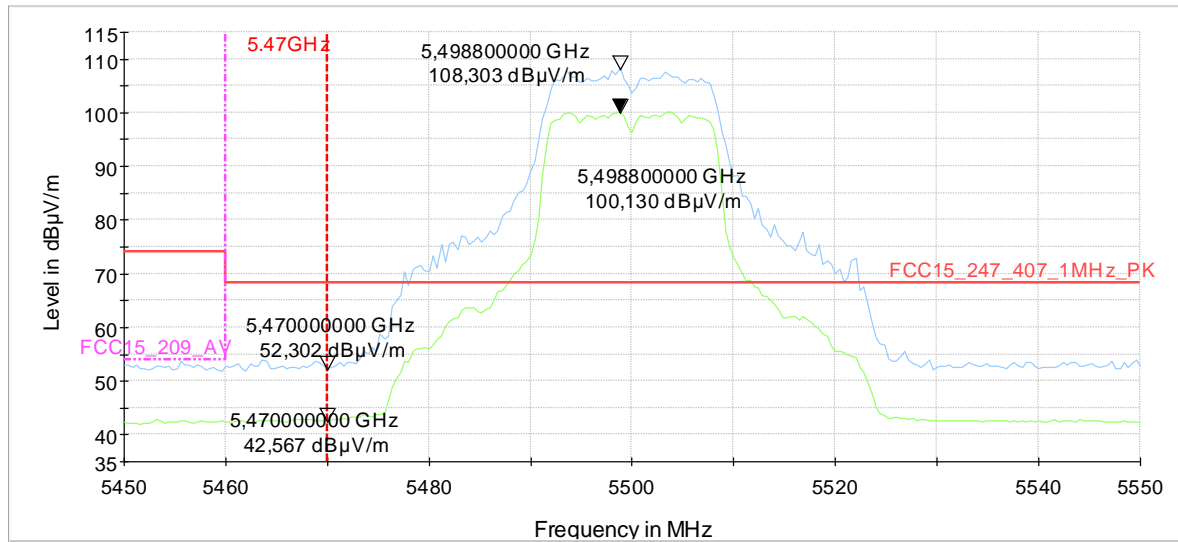
1.6.1. Channel 36 (20MHz Signal BW - left band edge)



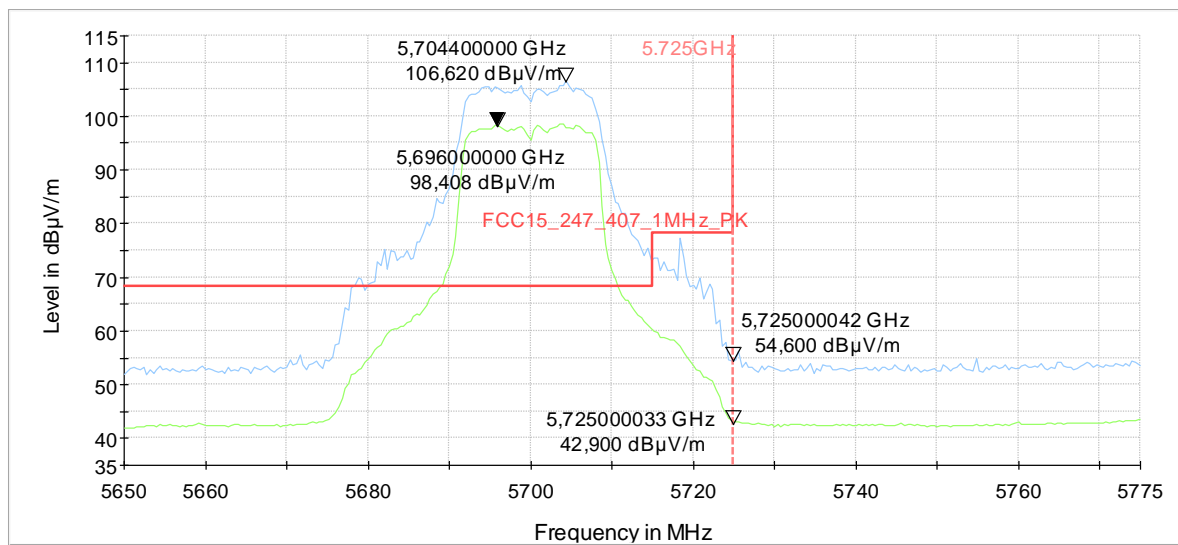
1.6.2. Channel 64 (20MHz Signal BW - right band edge)

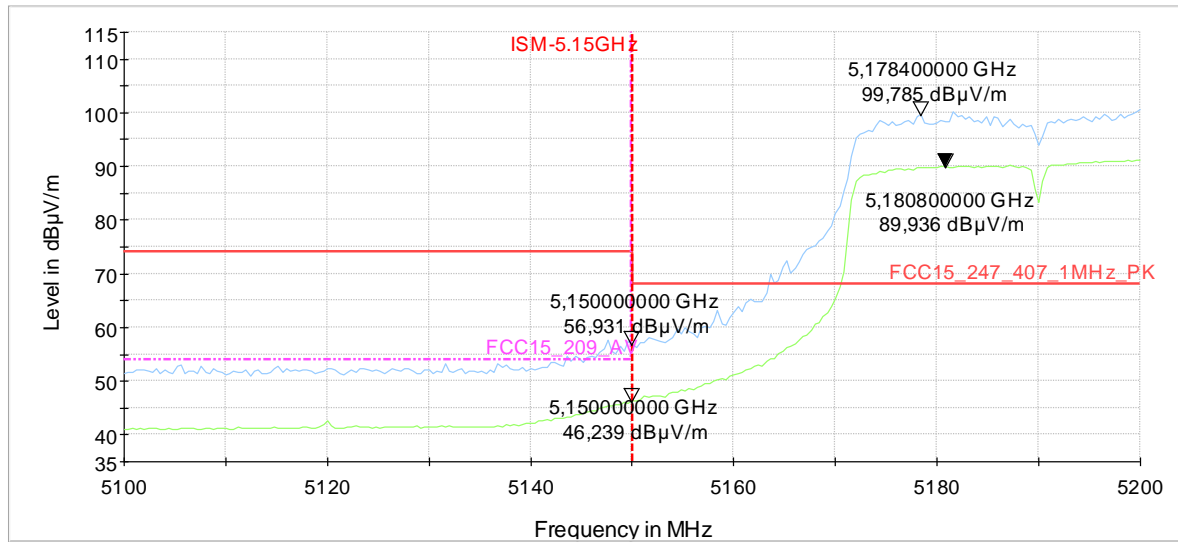
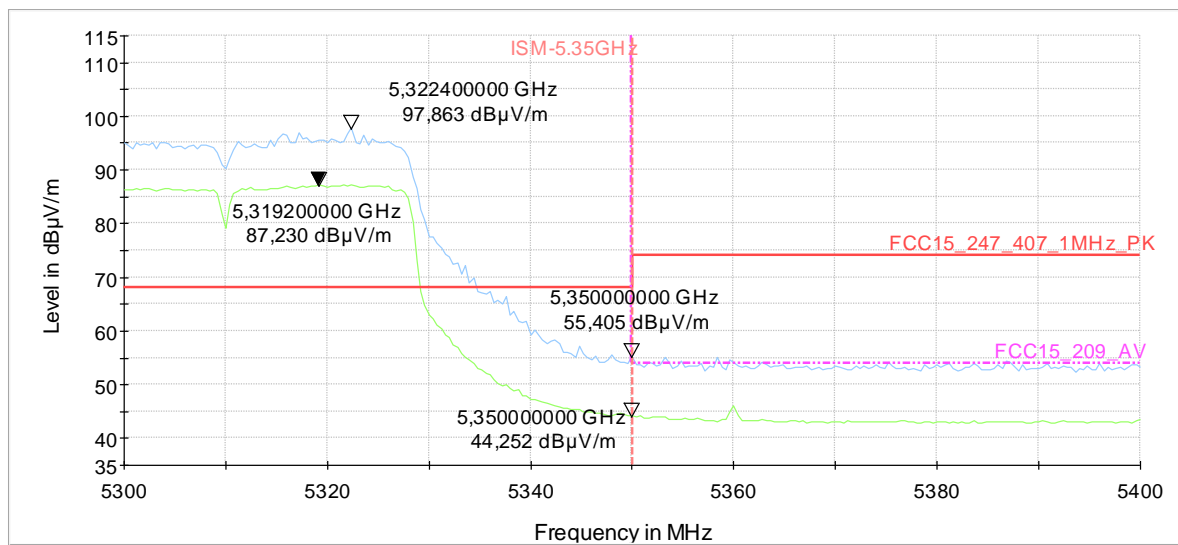


1.6.3. Channel 100 (20MHz Signal BW - left band edge)

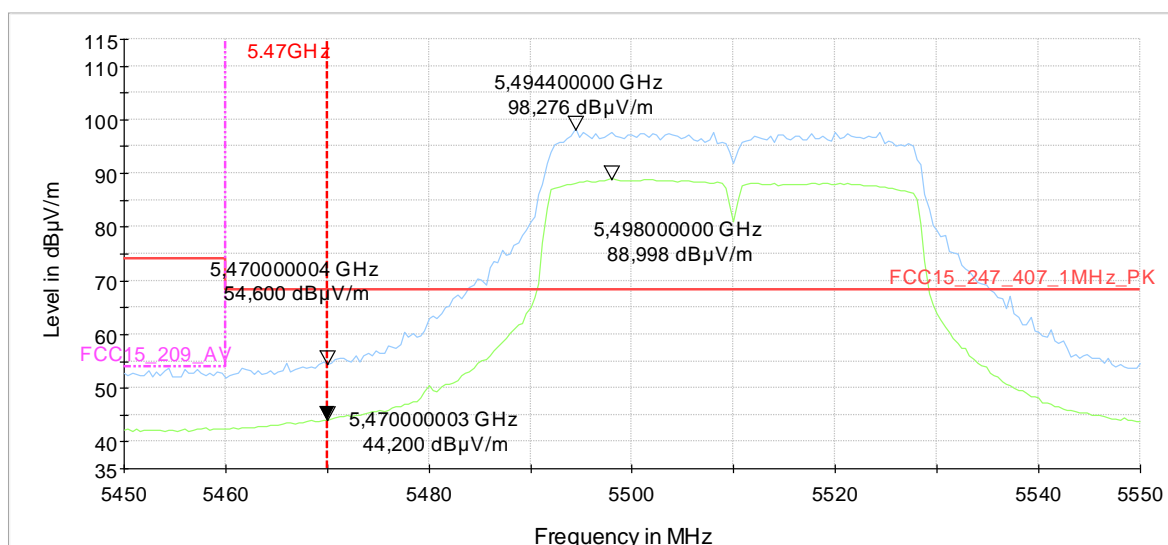


1.6.4. Channel 140 (20MHz Signal BW - right band edge)



1.6.5. Channel 38 (40MHz Signal BW - left band edge)**1.6.6. Channel 62 (40MHz Signal BW - right band edge)**

1.6.7. Channel 102 (40MHz Signal BW - left band edge)



1.6.8. Channel 134 (40MHz Signal BW - right band edge)

