

Annex 1: Measurement diagrams to
TEST REPORT
 No.: 16-1-0191201T08

According to:

FCC Regulations
 Part 15.107
 Part 15.109

ISED Regulations
 ICES-003, Issue 6
 RSS-Gen, Issue 4

for

Datalogic S.r.l.

SKORPIO X4
 Type:00ANM4HS0GF0A4

FCC ID: U4GSX4WB

IC: 3862E-SX4WB

PMN: SKORPIO X4 | HVIN: SX4 WB GUN | FVIN: Not Applicable







Laboratory Accreditation and Listings			
 Deutsche Akkreditierungsstelle D-PL-12047-01-01	 FEDERAL COMMUNICATIONS COMMISSION USA MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2666 C-2914, T-1967, G-301
 WiFi ALLIANCE AUTHORIZED RF LABORATORY	 ctia Authorized Test Lab Lab Code: 20011130-00		
accredited according to DIN EN ISO/IEC 17025			
<p align="center">CETECOM GmbH Laboratory Radio Communications & Electromagnetic Compatibility Im Teelbruch 116 • 45219 Essen • Germany Registered in Essen, Germany, Reg. No.: HRB Essen 8984 Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964 E-mail: info@cetecom.com • Internet: www.cetecom.com</p>			

TABLE OF CONTENTS:

1. RADIATED FIELD STRENGTH MEASUREMENTS	3
1.1. Conducted Emissions on AC-Power lines – 150kHz to 30 MHz	3
1.2. Radiated Field Strength Emissions – 30 MHz to 1 GHz	7
1.3. Radiated Field Strength Emissions – 1 GHz to 18 GHz	15
1.4. Radiated Field Strength Emissions – 18 GHz to 40 GHz	20

1. Radiated Field Strength Measurements

1.1. Conducted Emissions on AC-Power lines – 150kHz to 30 MHz

Diagram No.: 1.01 Mode 1

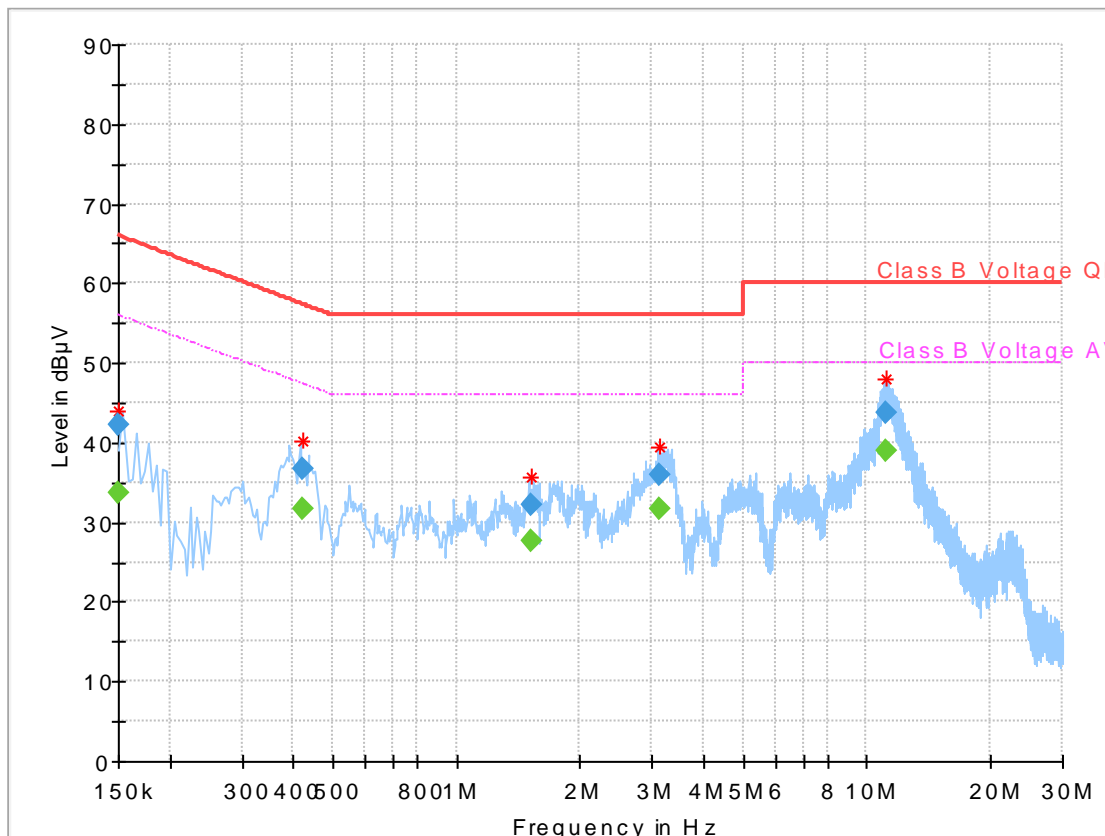
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.109 Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Mode 1
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 42%rH; Temperature: 20°C
Operator:	RI
Comments:	

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging AC/ DC Charger
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)
0.150000	42.11	---	66.00
0.150000	---	33.76	56.00
0.423125	36.62	---	57.39
0.423125	---	31.65	47.39
1.515156	32.13	---	56.00
1.515156	---	27.61	46.00
3.129531	---	31.59	46.00
3.129531	35.95	---	56.00
11.125781	43.78	---	60.00
11.125781	---	39.05	50.00

Diagram No.: 1.02 Mode 5

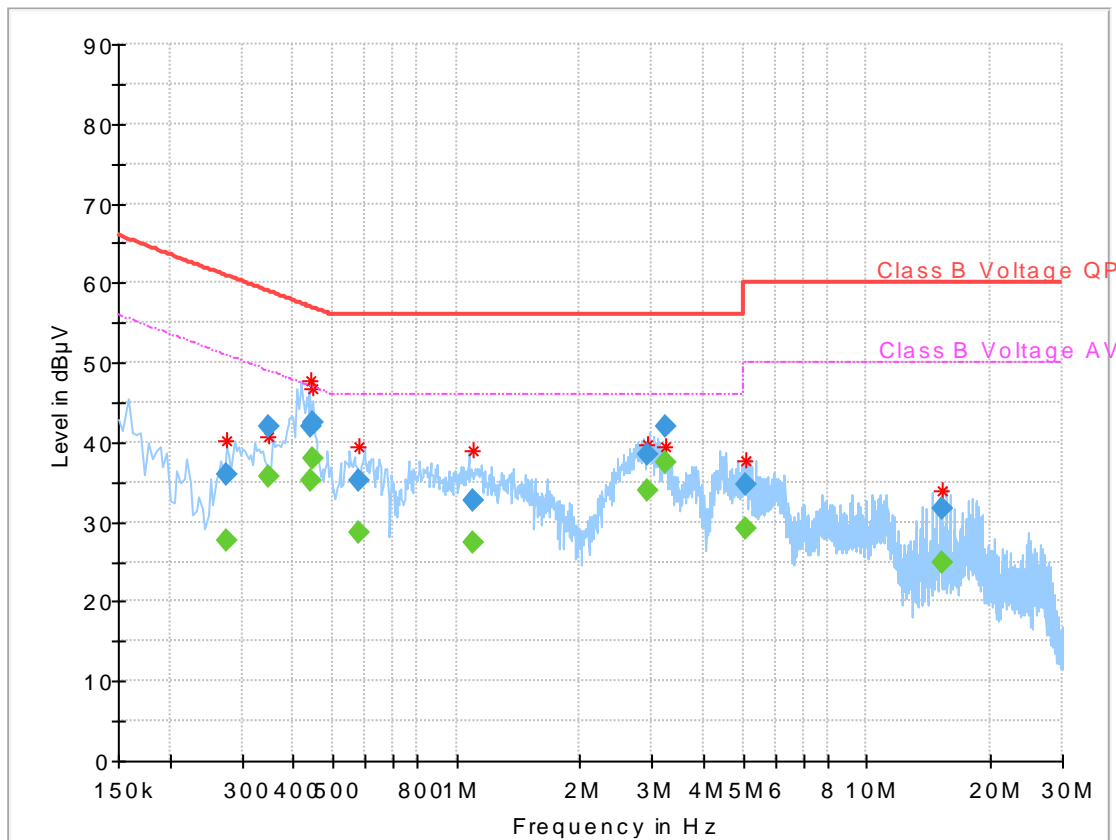
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.109 Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Mode 5
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 30%rH; Temperature: 20°C
Operator:	HLA

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging Docking Station
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	Docking Station + USB cable + RS232 Cable

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.274219	---	27.77	50.99	23.22	1000.0	9.000	L1	GND	0.1
0.274219	36.03	---	60.99	24.96	1000.0	9.000	L1	GND	0.1
0.349531	---	35.78	48.97	13.19	1000.0	9.000	L1	GND	0.1
0.349531	42.05	---	58.97	16.92	1000.0	9.000	L1	GND	0.1
0.442031	---	35.10	47.02	11.92	1000.0	9.000	L1	GND	0.1
0.442031	41.95	---	57.02	15.07	1000.0	9.000	L1	GND	0.1
0.446563	---	37.93	46.94	9.01	1000.0	9.000	N	GND	0.1
0.446563	42.52	---	56.94	14.42	1000.0	9.000	N	GND	0.1
0.577813	---	28.67	46.00	17.33	1000.0	9.000	N	GND	0.1
0.577813	35.30	---	56.00	20.70	1000.0	9.000	N	GND	0.1
1.098281	32.61	---	56.00	23.39	1000.0	9.000	N	GND	0.3
1.098281	---	27.49	46.00	18.51	1000.0	9.000	N	GND	0.3
2.913594	38.40	---	56.00	17.60	1000.0	9.000	N	GND	0.3
2.913594	---	33.85	46.00	12.15	1000.0	9.000	N	GND	0.3
3.226719	42.09	---	56.00	13.91	1000.0	9.000	L1	GND	0.4
3.226719	---	37.35	46.00	8.65	1000.0	9.000	L1	GND	0.4
5.090625	---	29.21	50.00	20.79	1000.0	9.000	N	GND	0.4
5.090625	34.58	---	60.00	25.42	1000.0	9.000	N	GND	0.4
15.198281	31.59	---	60.00	28.41	1000.0	9.000	L1	GND	0.7
15.198281	---	24.80	50.00	25.20	1000.0	9.000	L1	GND	0.7

1.2. Radiated Field Strength Emissions – 30 MHz to 1 GHz Diagram No. 3.01 Mode 1

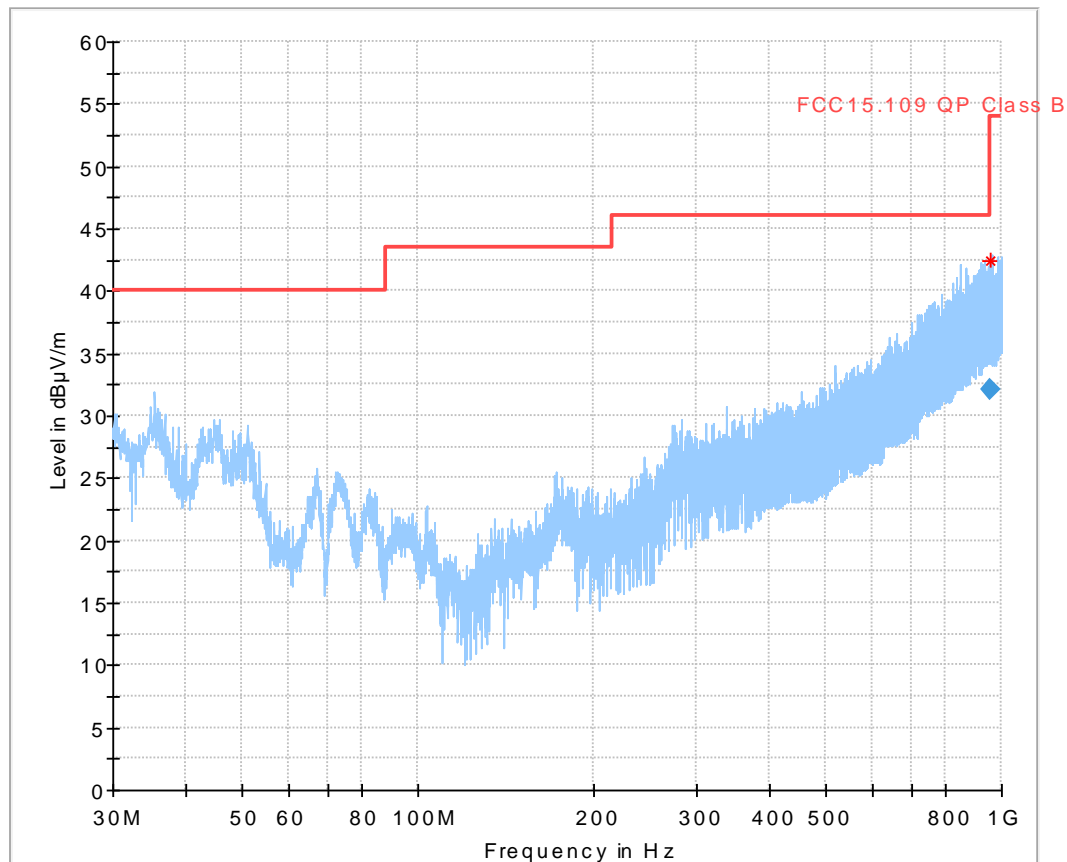
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Technical Data:	Please see page 2 for detailed data of measurement setup
Used filter:	not used
Test specification:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operator:	AFr
Measured sides of EUT:	front, right, rear, left
Power during tests:	120 V 60 Hz
Operating mode:	Mode 1

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging AC/DC Charger
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	AC/DC Charger

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
953.390000	32.05	46.00	13.95	1000.0	120.000	172.0	H	9.0	90.0	27.3

Diagram No. 3.02 Mode 2

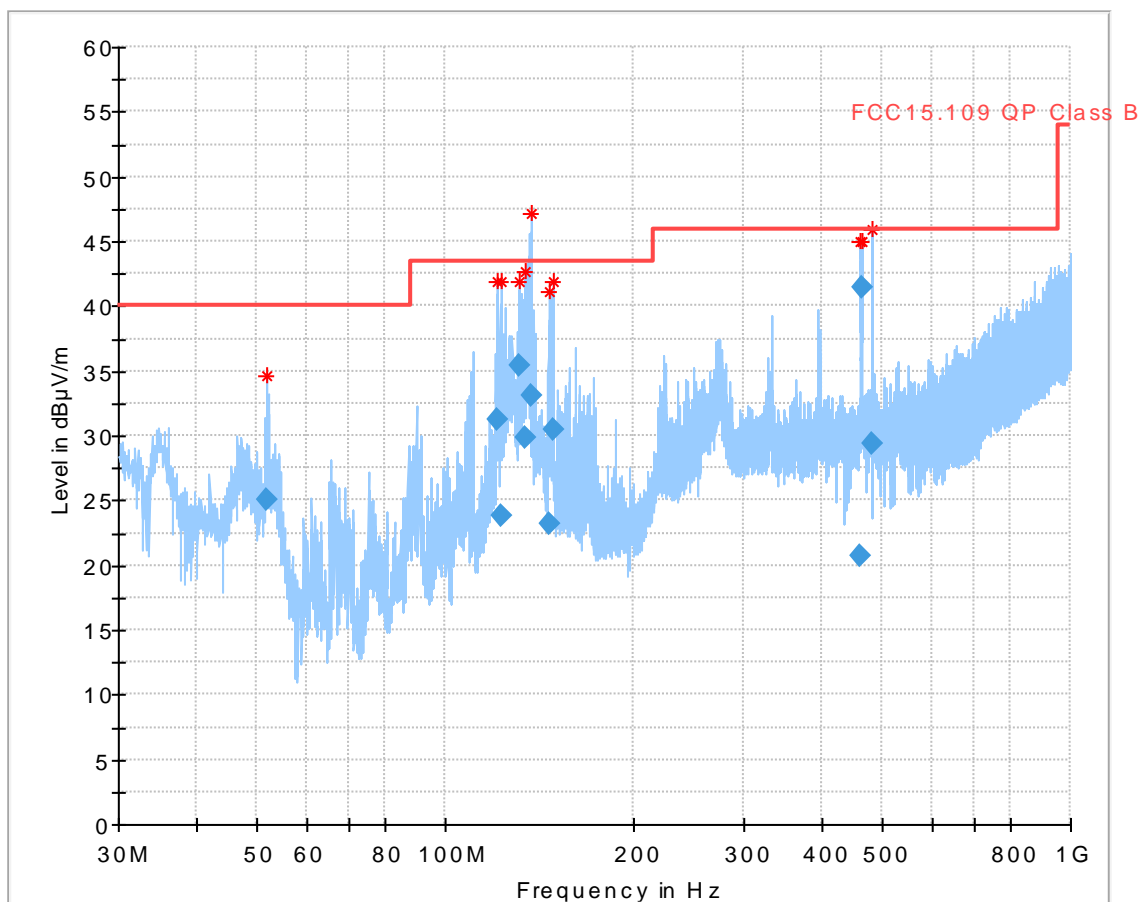
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Used filter:	not used
Technical Data:	please see page 2 for detailed data of measurement setup
Test specification.:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operator:	AFr
Operating conditions:	Humidity: 25%rH; Temperature: 20°C
Power during tests:	none
Operating conditions:	Mode 2

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
51.928000	25.01	40.00	14.99	1000.0	120.000	159.0	H	82.0	90.0	12.2
121.396000	31.16	43.50	12.34	1000.0	120.000	178.0	H	95.0	90.0	8.0
123.044000	23.77	43.50	19.73	1000.0	120.000	288.0	H	99.0	90.0	8.1
131.560000	35.42	43.50	8.08	1000.0	120.000	155.0	H	315.0	90.0	9.3
134.396000	29.82	43.50	13.68	1000.0	120.000	354.0	H	299.0	90.0	9.8
137.020000	33.02	43.50	10.48	1000.0	120.000	159.0	H	116.0	90.0	9.5
147.132000	23.25	43.50	20.25	1000.0	120.000	145.0	H	335.0	90.0	8.6
149.280000	30.53	43.50	12.97	1000.0	120.000	153.0	H	321.0	90.0	8.6
460.560000	20.65	46.00	25.35	1000.0	120.000	109.0	V	126.0	90.0	19.5
464.044000	41.45	46.00	4.55	1000.0	120.000	172.0	H	86.0	90.0	19.3
479.988000	29.31	46.00	16.69	1000.0	120.000	105.0	V	58.0	0.0	19.2

Diagram No. 3.03 Mode 3

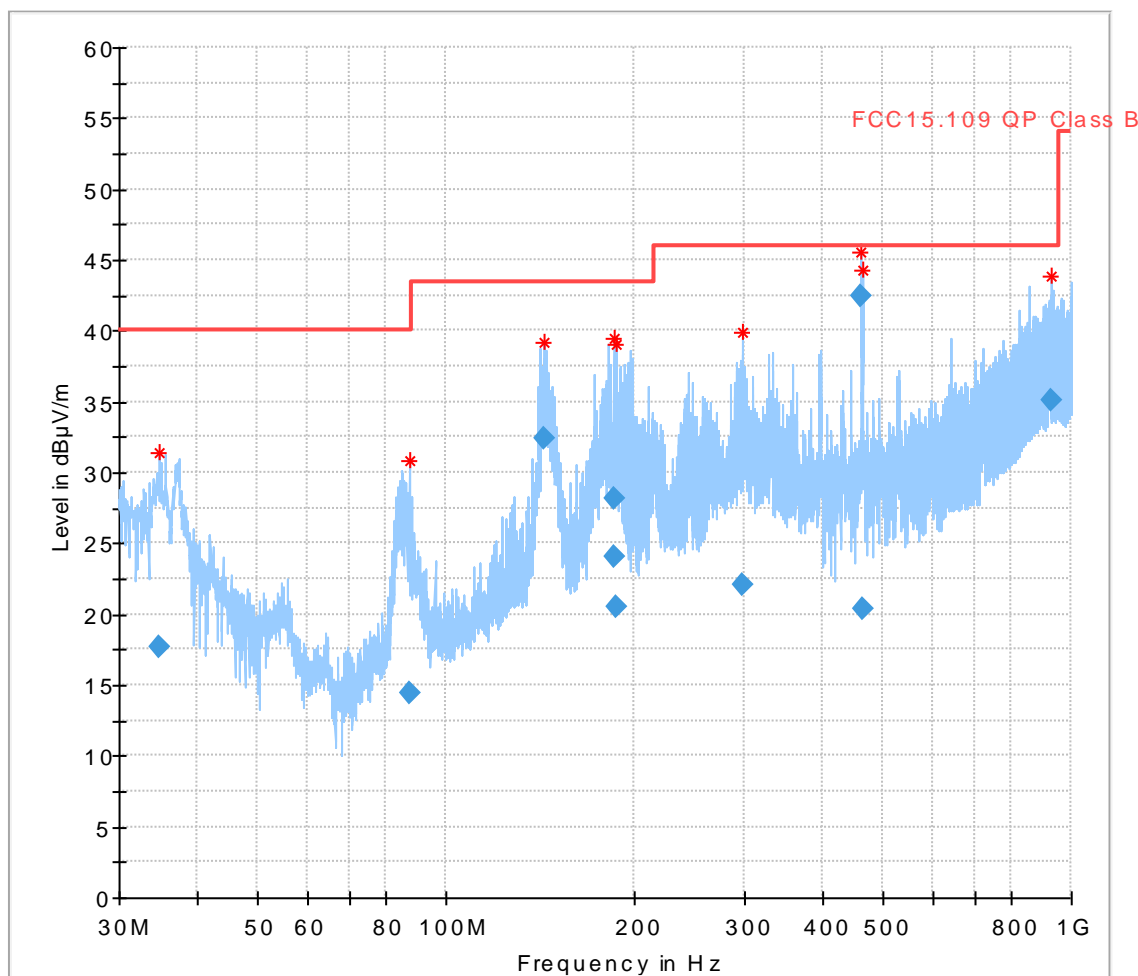
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Technical Data:	Please see page 2 for detailed data of measurement setup
Used filter:	not used
Test specification:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operator:	HLA
Operating conditions:	Mode 3
Measured sides of EUT:	front, right, rear, left

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum



Final Result

Frequency (MHz)	Quasi Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
34.730000	17.75	40.00	22.25	1000.0	120.000	109.0	V	310.0	90.0	19.3
87.218000	14.39	40.00	25.61	1000.0	120.000	241.0	H	11.0	90.0	8.0
143.958000	32.39	43.50	11.11	1000.0	120.000	179.0	H	137.0	90.0	8.6
185.154000	24.07	43.50	19.43	1000.0	120.000	109.0	H	59.0	90.0	11.1
185.154000	28.14	43.50	15.36	1000.0	120.000	109.0	H	59.0	90.0	11.1
187.558000	20.58	43.50	22.92	1000.0	120.000	129.0	H	19.0	90.0	11.3
297.206000	22.13	46.00	23.87	1000.0	120.000	113.0	H	105.0	90.0	15.0
460.638000	42.40	46.00	3.60	1000.0	120.000	129.0	H	88.0	0.0	19.5
464.370000	20.33	46.00	25.67	1000.0	120.000	261.0	V	28.0	0.0	19.3
929.146000	35.12	46.00	10.88	1000.0	120.000	145.0	H	4.0	0.0	27.0

Diagram No. 3.04 Mode 4

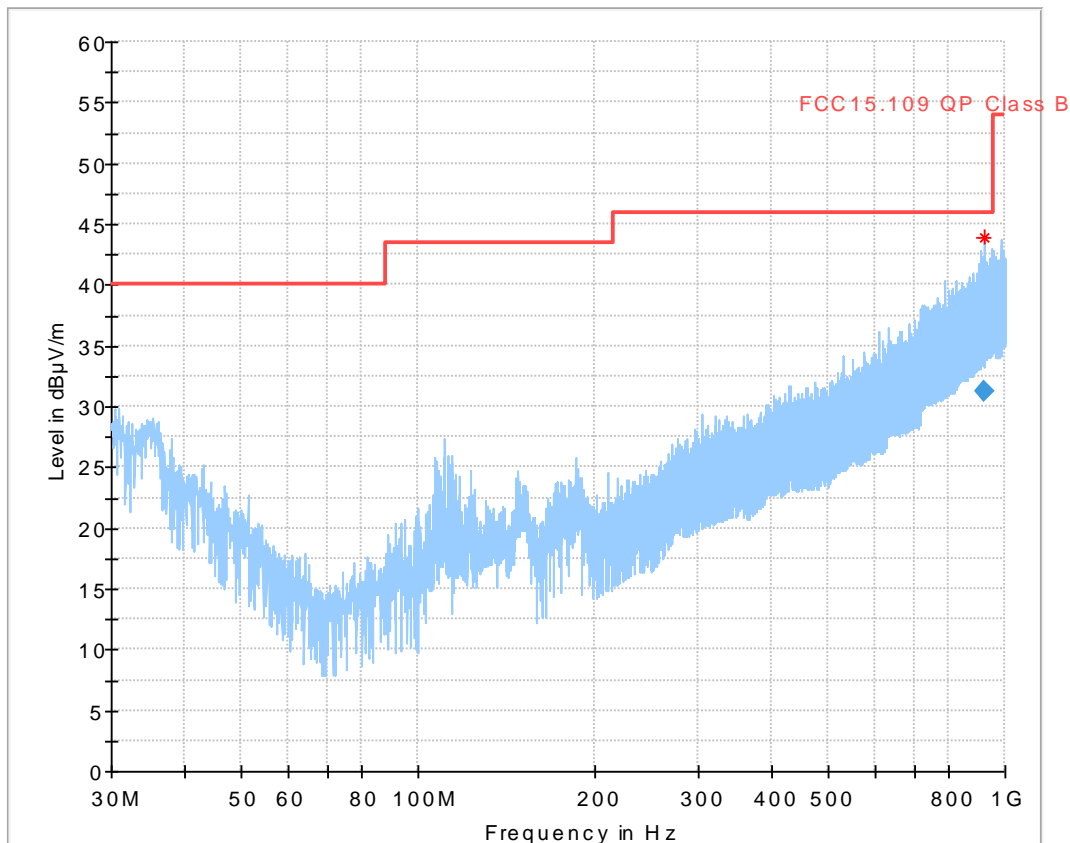
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Technical Data:	Please see page 2 for detailed data of measurement setup
Used filter:	not used
Test specification:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operator:	Afr
Measured sides of EUT:	front, right, rear, left
Power during tests:	Fully charged Internal Battery
Operating conditions:	Mode 4

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum



Final Result

Frequency (MHz)	Quasi Peak (dBµV /m)	Limit (dBµV /m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
924.350000	31.21	46.00	14.79	1000.0	120.000	145.0	H	123.0	0.0	27.1

Diagram No. 3.05 Mode 5

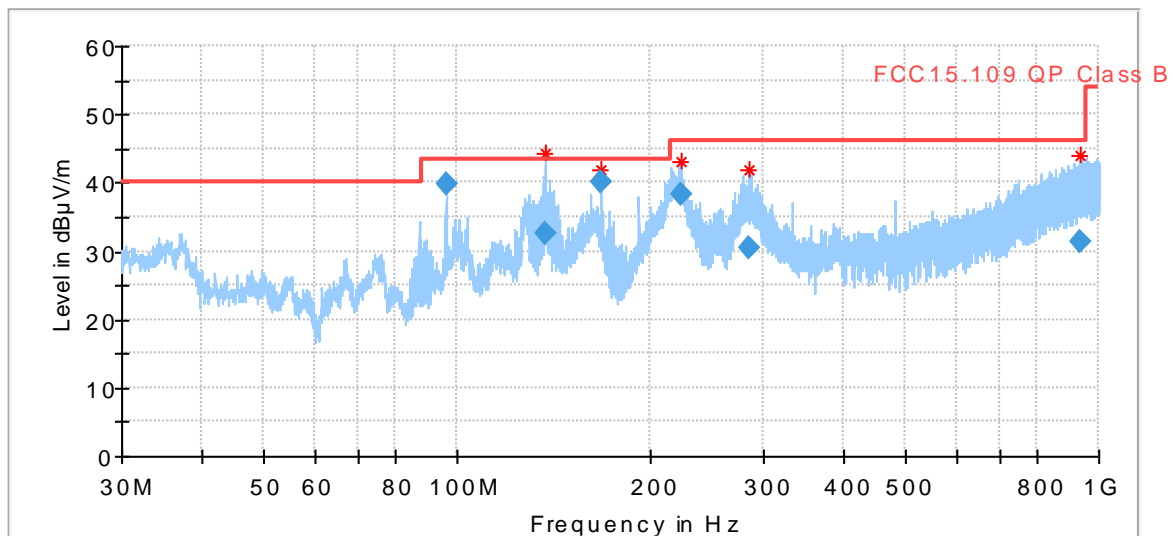
Common Information

Test description:	Electric Field Strength Measurement
Test site and distance:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Technical Data:	Please see page 2 for detailed data of measurement setup
Used filter:	not used
Test specification:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operator:	HLA
Operating conditions:	Mode 5
Measured sides of EUT:	front, right, rear, left
Power during tests:	120 V 60Hz

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging Docking Station
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	Docking Station + USB cable + RS232 Cable

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
96.006000	39.77	43.50	3.73	1000.0	120.000	342.0	H	128.0	90.0	8.2
137.278000	32.71	43.50	10.79	1000.0	120.000	235.0	H	54.0	90.0	9.4
168.010000	40.00	43.50	3.50	1000.0	120.000	164.0	H	123.0	0.0	10.1
223.290000	38.35	46.00	7.65	1000.0	120.000	125.0	H	151.0	0.0	12.5
285.330000	30.36	46.00	15.64	1000.0	120.000	129.0	V	180.0	0.0	14.6
935.718000	31.37	46.00	14.63	1000.0	120.000	368.0	H	15.0	90.0	26.9

1.3. Radiated Field Strength Emissions – 1 GHz to 18 GHz Diagram No. 4.01 Mode 1

Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Operator, please fill in the operating mode
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40%rH; Temperature: 20°C
Operator:	HLA
Operating conditions:	Mode 1

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging AC/DC Charger
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	AC/DC Charger

Full Spectrum

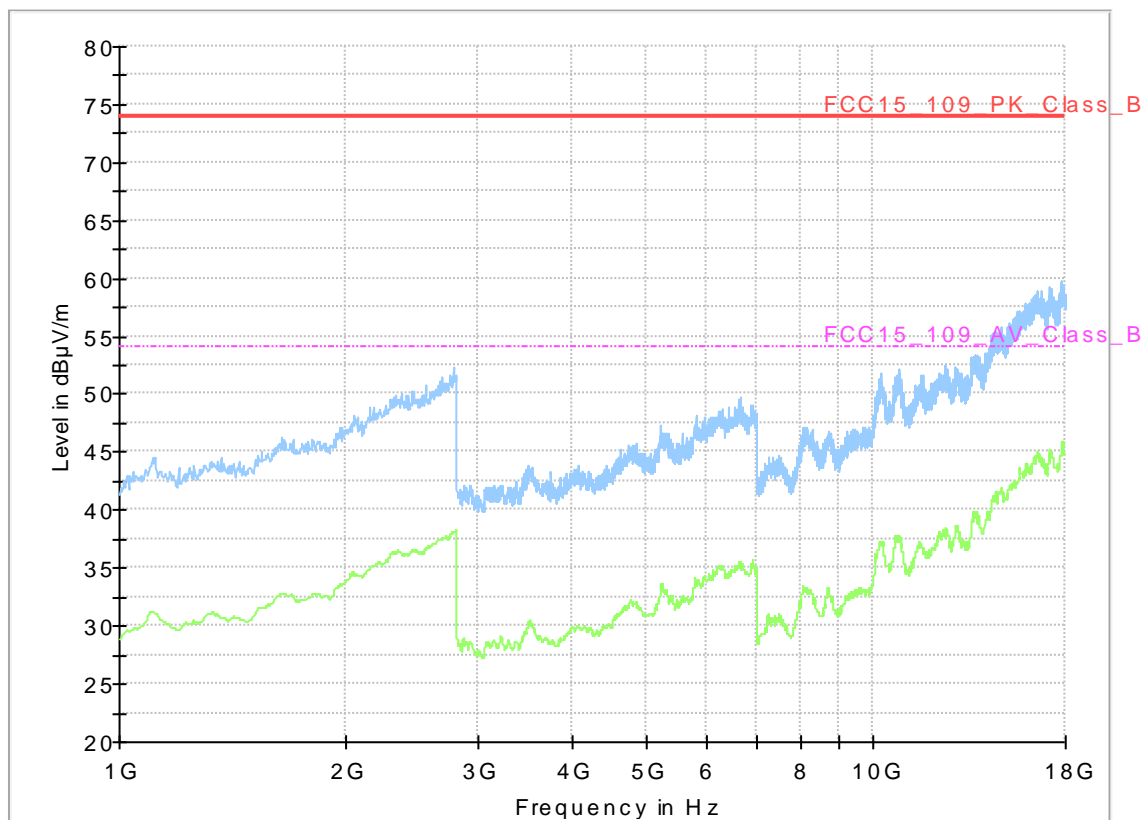


Diagram No. 4.02 Mode 2

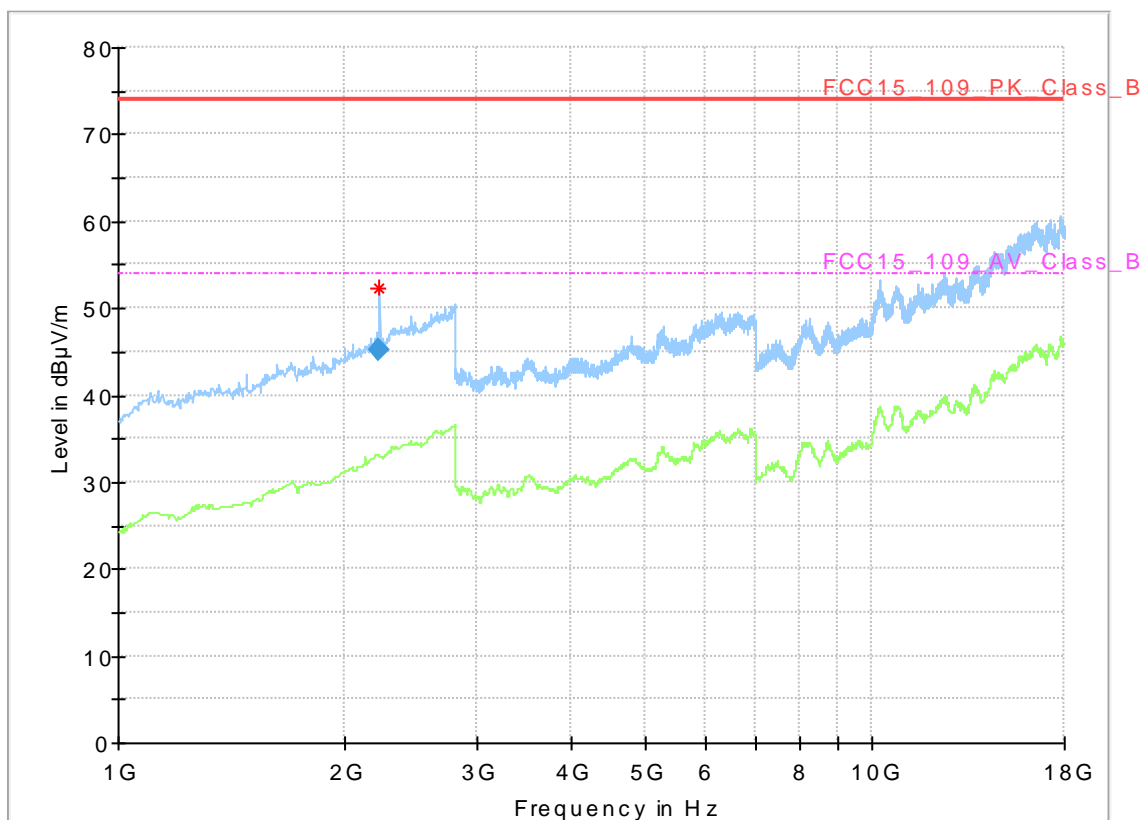
Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Operator, please fill in the operating mode
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40% rH; Temperature: 20°C
Operator:	Mah
Operating conditions:	Mode 2

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
2217.865731	45.17	74.00	28.83	100.0	1000.000	155.0	V	216.0	90.0	1.8

Diagram No. 4.03 Mode 3

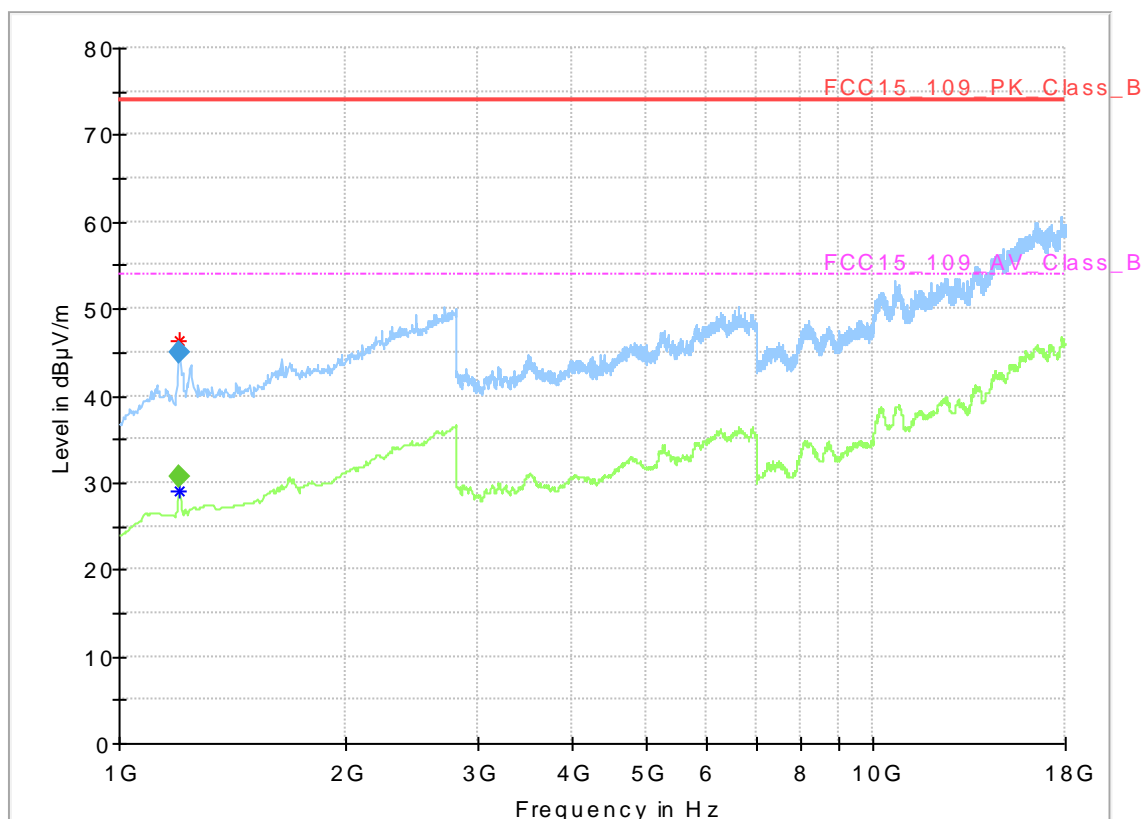
Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Operator, please fill in the operating mode
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40%rH; Temperature: 20°C
Operator:	Mah
Operating conditions:	Mode 3

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)
1201.573147	44.89	---	74.00	29.11	100.0	1000.000	155.0	H	216.0	90.0
1202.274550	---	30.74	54.00	23.26	100.0	1000.000	155.0	H	226.0	90.0

Diagram No. 4.04 Mode 4

Common Information

Test Description:	Radiated Field Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Operator, please fill in the operating mode
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40% rH; Temperature: 20°C
Operator:	HLA
Operating conditions:	Mode 4

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

Full Spectrum

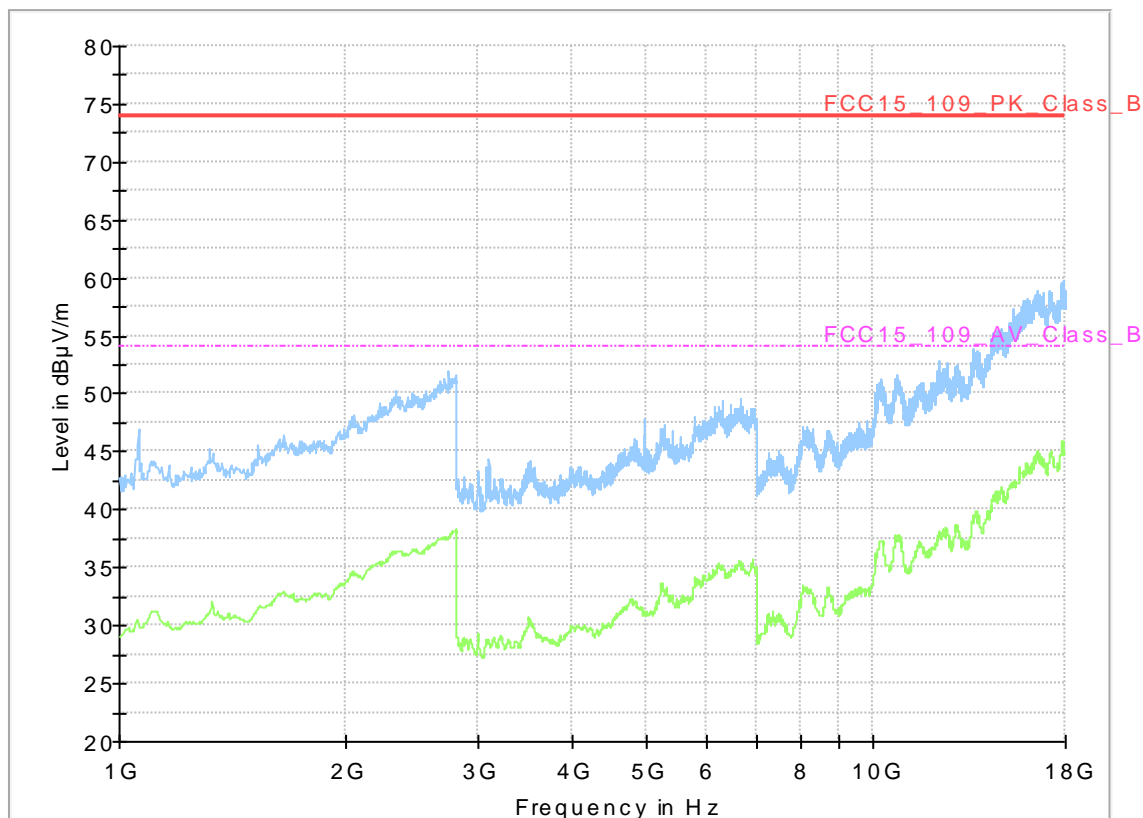


Diagram No. 4.05 Mode 5

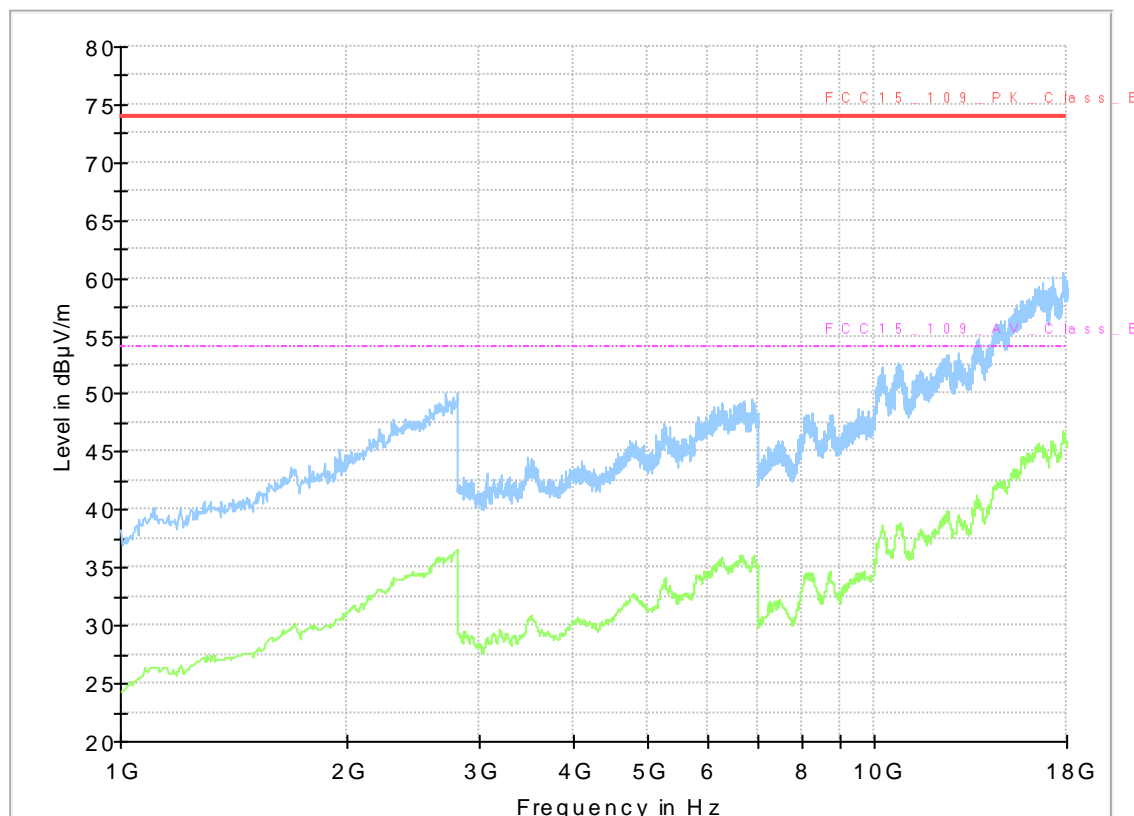
Common Information

Test Description:	Radiated Field Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
Operating Mode:	Operator, please fill in the operating mode
Equipment Class:	Class B
Environmental Conditions:	Humidity: 40% rH; Temperature: 20°C
Operator:	Mah
Operating conditions:	Mode 5

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging Docking Station
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	Docking Station + USB cable + RS232 Cable

Full Spectrum



1.4. Radiated Field Strength Emissions – 18 GHz to 40 GHz Diagram No.: 4.01a Mode 1

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
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:	TFR
Operating conditions:	Mode 1

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging AC/DC Charger
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	AC/DC Charger

EMI Scan_18_40GHz_Pre

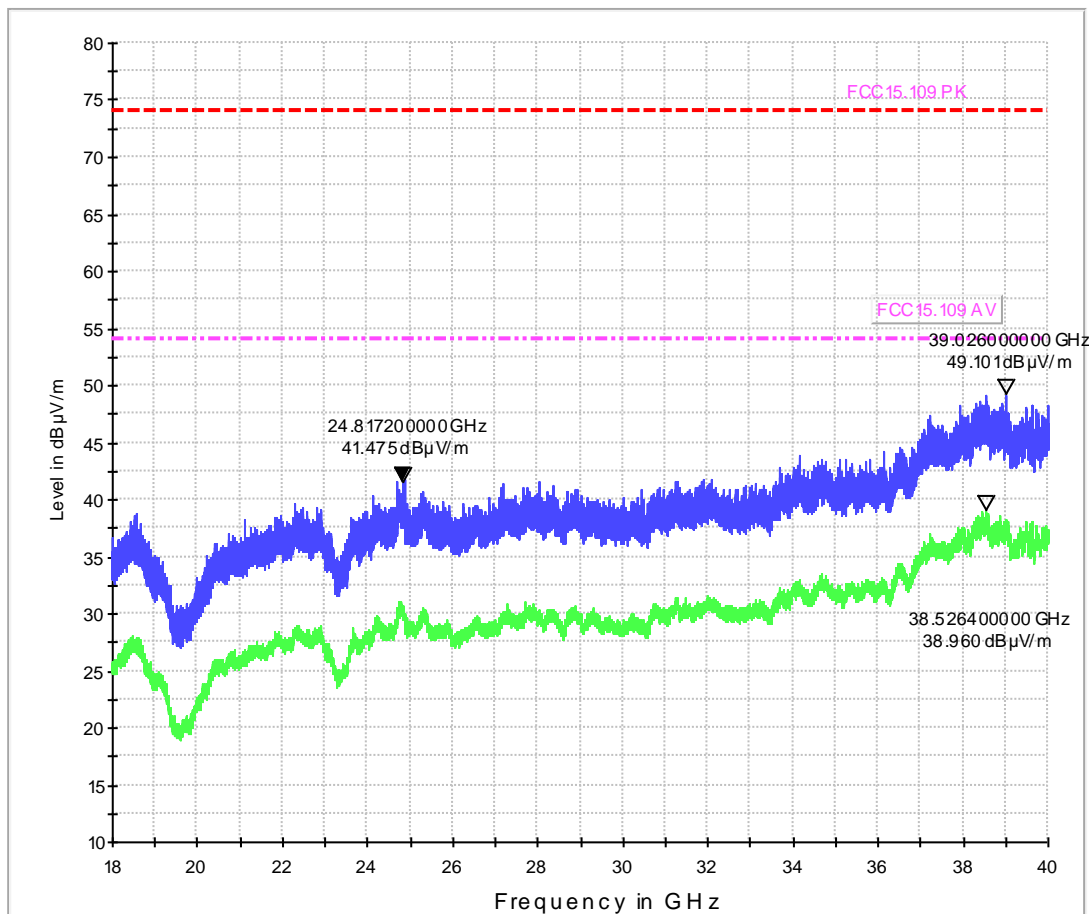


Diagram No.: 4.02a Mode 2

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
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:	TFr
Operating conditions:	mode 2

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

EMI Scan_18_40GHz_Pre

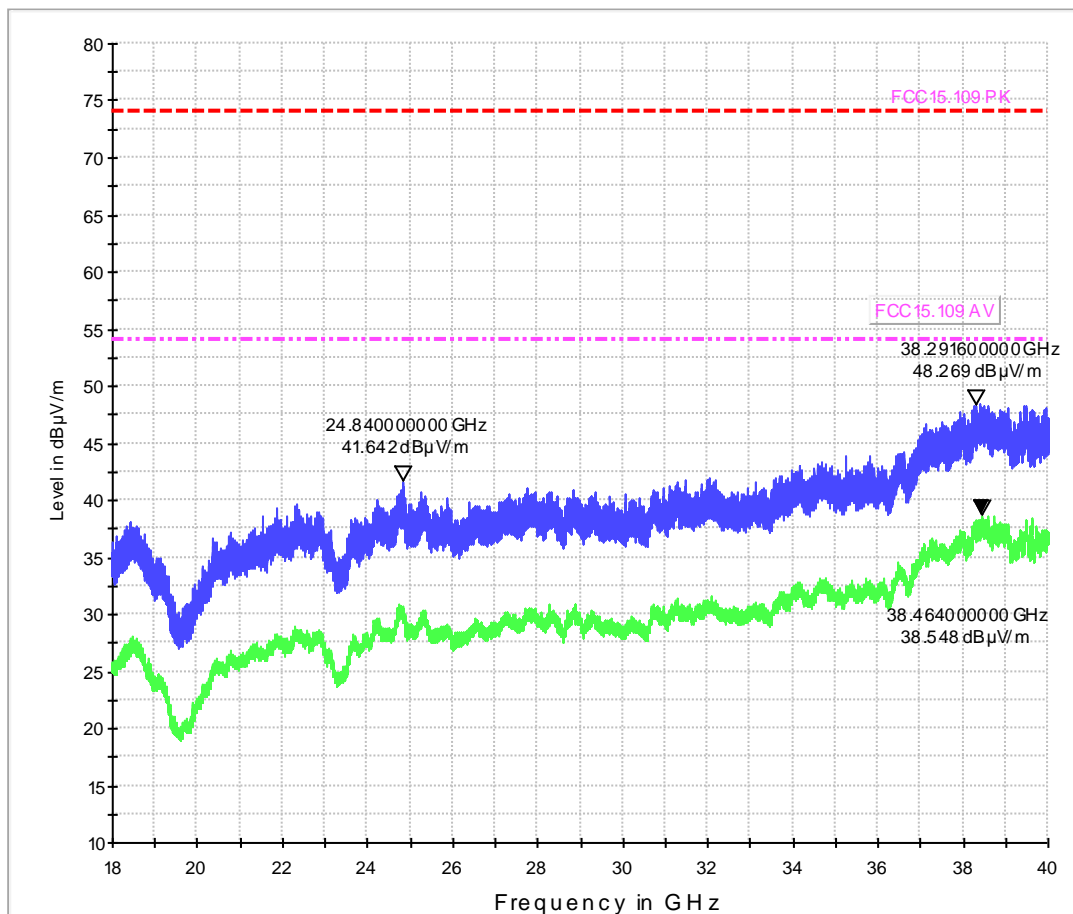


Diagram No.: 4.03a Mode 3

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
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:	TFr
Operating conditions:	Mode 3

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

EMI Scan_18_40GHz_Pre

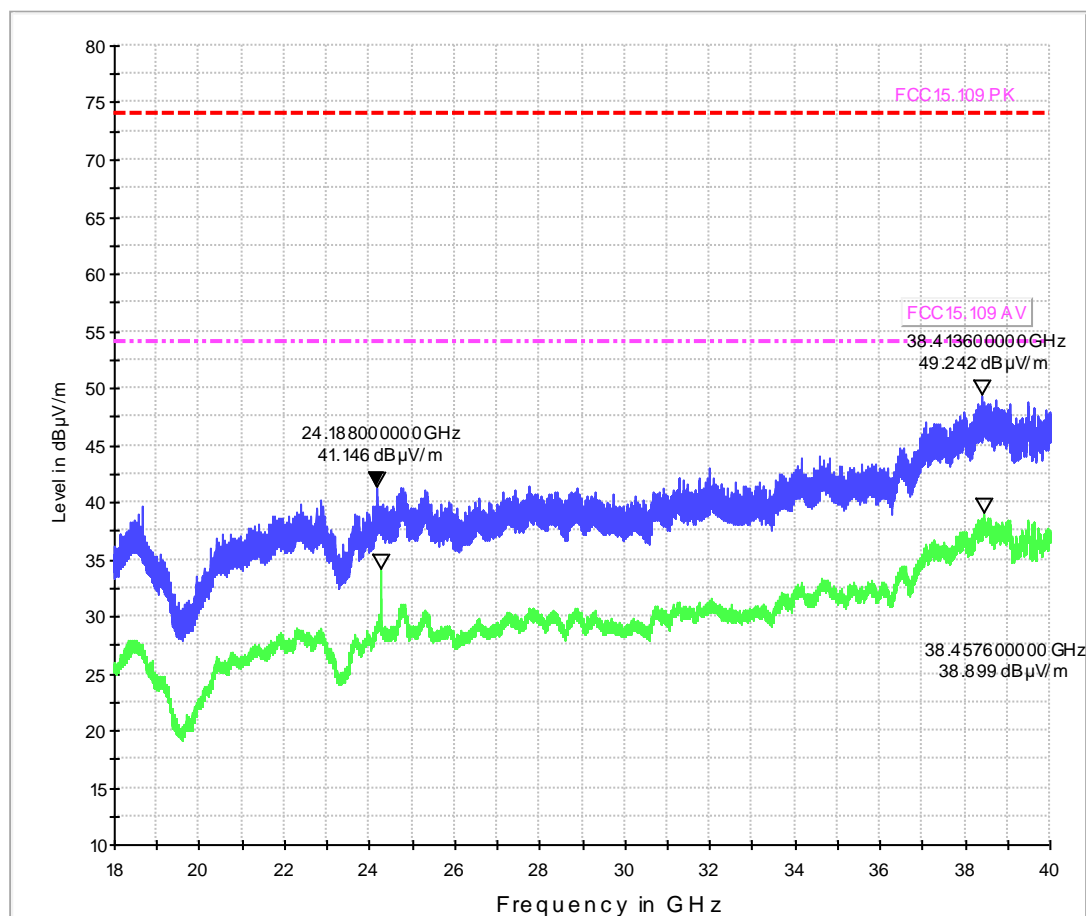


Diagram No.: 4.04a Mode 4

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
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:	TFR
Operating conditions:	Mode 4

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Fully charged Internal Battery
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)

EMI Scan_18_40GHz_Pre

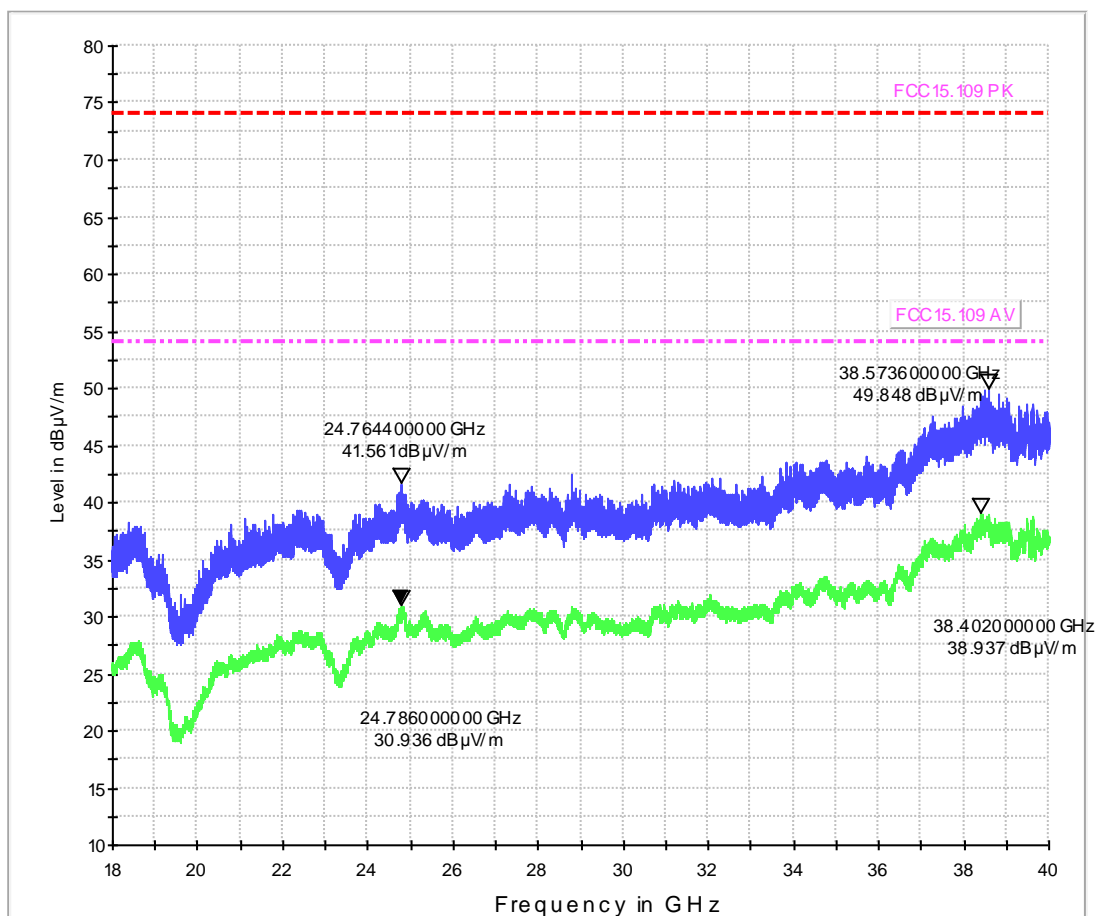


Diagram No.: 4.05a Mode 5

Common Information

Test Description:	Radiated field strength emission in 1m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC15.109, Class B RSS-Gen. Issue 4 ICES-003 Issue 6 Class B
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:	TFR
Operating conditions:	Mode 5

EUT Information

Manufacturer:	Datalogic S.r.l.
EUT MODEL:	SKORPIO X4
EuT Type:	00ANM4HS0GF0A4
P/N:	942600012
S/N:	Z16P01742
HW Version:	BETA
SW Version:	Android 4.4.4
Firmware Version:	2.00.29
Input:	Internal Battery charging Docking Station
Battery Type:	BT-0016 Li-ion 3.7V DC 5200mAh (2 Cylindrical Cells)
connected Interface:	Docking Station + USB cable + RS232 Cable

EMI Scan_18_40GHz_Pre

