

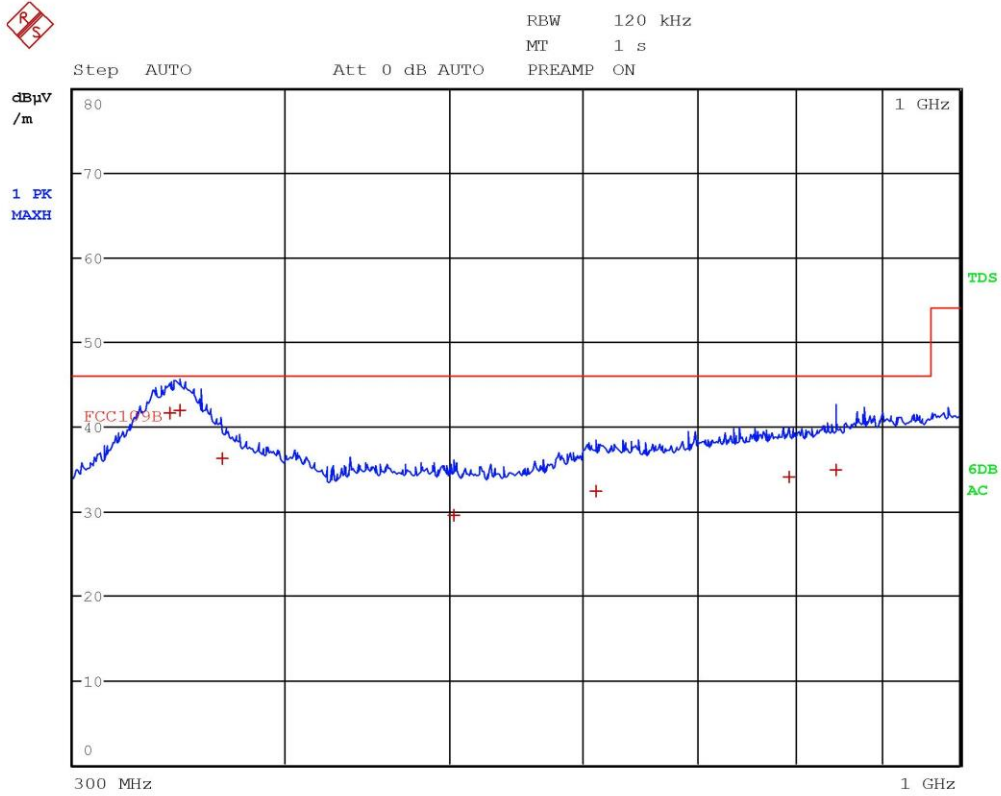
Segalla 20096902-Vert(30-300MHz - 10m)-Battery mode with maximum brightness-BLE communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.08 MHz	22.55	-17.44
1 Quasi Peak	46.28 MHz	19.03	-20.97
1 Quasi Peak	84.28 MHz	19.92	-20.07
1 Quasi Peak	129.88 MHz	26.94	-16.57
1 Quasi Peak	178.8 MHz	32.28	-11.23
1 Quasi Peak	212.56 MHz	32.53	-10.98
1 Quasi Peak	299.56 MHz	32.30	-13.71

Segalla 20096902-Vert(30-300MHz - 10m)-Battery mode with maximum brightness-BLE communication with smartphone



Segalla 20096903-Vert(300-1000MHz - 10m)-Battery mode with maximum brightness-BLE communication with smartphone

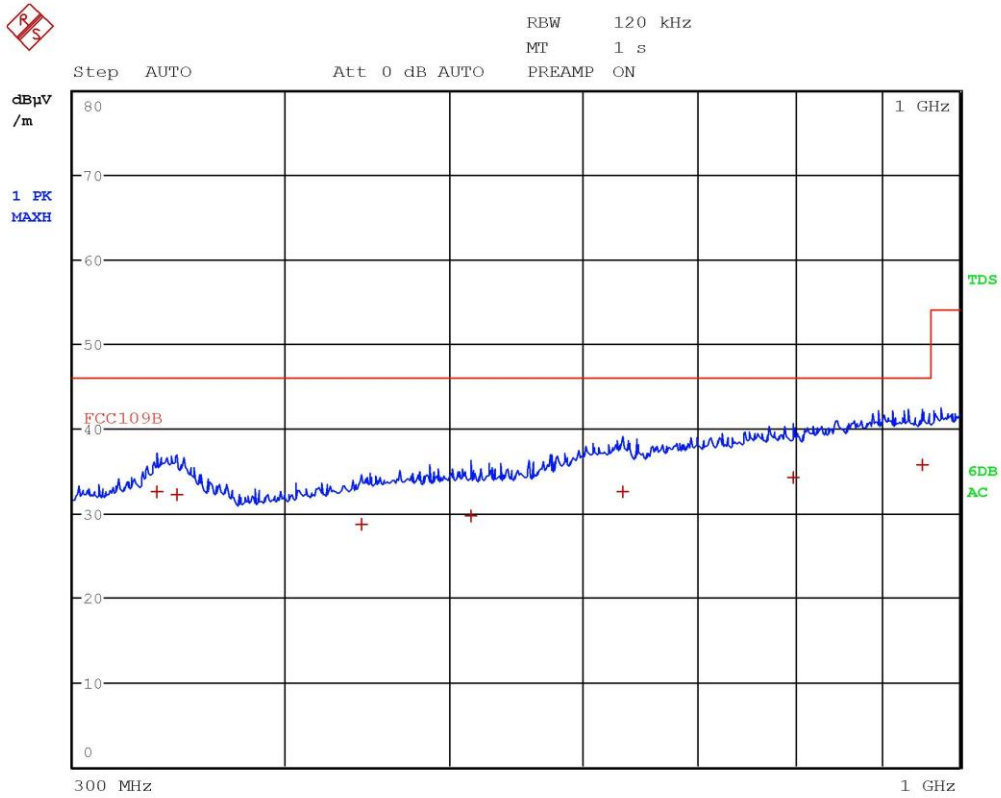
CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	341.76 MHz	41.55	-4.46
1 Quasi Peak	346.68 MHz	41.85	-4.16
1 Quasi Peak	367.48 MHz	36.24	-9.77
1 Quasi Peak	502.8 MHz	29.44	-16.58
1 Quasi Peak	610.24 MHz	32.33	-13.68
1 Quasi Peak	793.6 MHz	33.96	-12.05
1 Quasi Peak	845 MHz	34.85	-11.17

Segalla 20096903-Vert(300-1000MHz - 10m)-Battery mode with maximum brightness-BLE communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



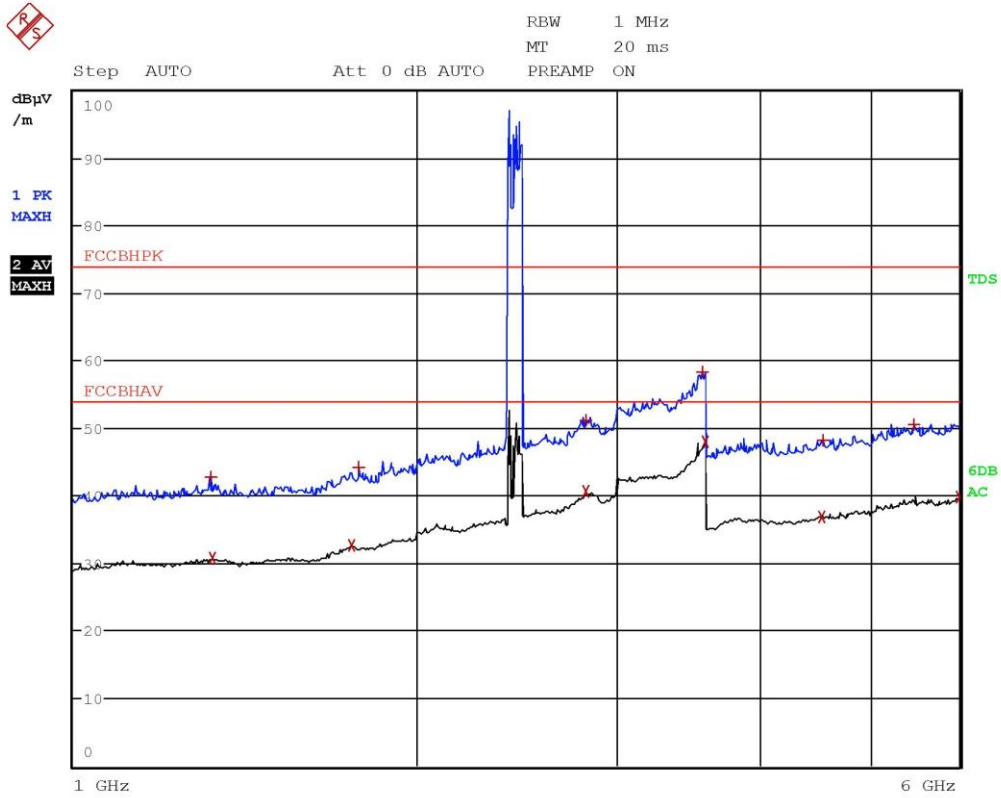
Segalla 20096904-Horiz(300-1000MHz - 10m)-Battery mode with maximum brightness-BLE communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	335.88 MHz	32.44	-13.58
1 Quasi Peak	345.36 MHz	32.19	-13.82
1 Quasi Peak	443.68 MHz	28.66	-17.35
1 Quasi Peak	514.6 MHz	29.63	-16.38
1 Quasi Peak	633.12 MHz	32.49	-13.52
1 Quasi Peak	797.96 MHz	34.12	-11.89
1 Quasi Peak	950.84 MHz	35.77	-10.24

Segalla 20096904-Horiz(300-1000MHz - 10m)-Battery mode with maximum brightness-BLE communication with smartphone



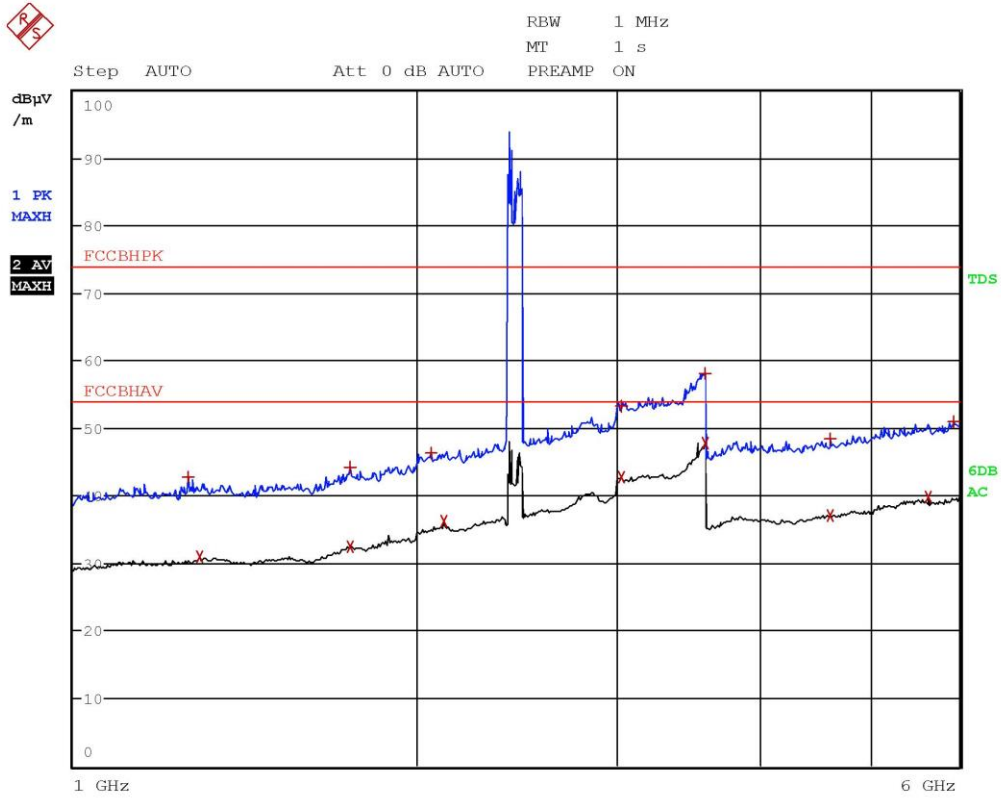
Segalla 20096905-Vert(1000-6000MHz)-Battery mode with maximum brightness-Bluetooth communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Max Peak	1.3192 GHz	42.73	-31.24
2 Average	1.3264 GHz	30.79	-23.18
2 Average	1.7532 GHz	32.56	-21.41
1 Max Peak	1.78 GHz	44.29	-29.68
2 Average	2.8179 GHz	40.67	-13.30
1 Max Peak	2.8179 GHz	51.16	-22.81
1 Max Peak	3.5635 GHz	58.24	-15.73
2 Average	3.5899 GHz	47.94	-6.03
2 Average	4.5427 GHz	36.85	-17.12
1 Max Peak	4.5539 GHz	48.13	-25.84
1 Max Peak	5.4659 GHz	50.55	-23.42
2 Average	5.9987 GHz	39.77	-14.20

Segalla 20096905-Vert(1000-6000MHz)-Battery mode with maximum brightness-Bluetooth communication with smartphone



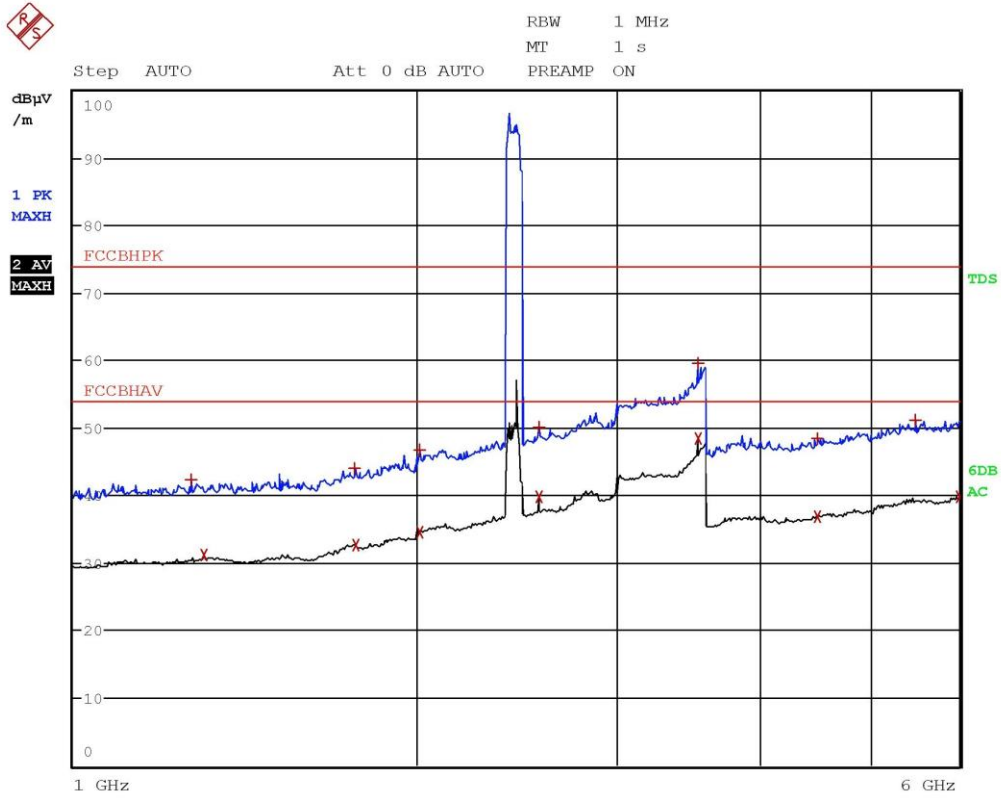
Segalla 20096906-Horiz(1000-6000MHz)-Battery mode with maximum brightness- BLE communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Max Peak	1.262 GHz	42.65	-31.32
2 Average	1.2908 GHz	30.95	-23.03
1 Max Peak	1.748 GHz	44.16	-29.81
2 Average	1.7492 GHz	32.49	-21.48
1 Max Peak	2.0608 GHz	46.29	-27.68
2 Average	2.1152 GHz	36.23	-17.74
1 Max Peak	3.0259 GHz	53.27	-20.70
2 Average	3.0283 GHz	42.68	-11.30
1 Max Peak	3.5907 GHz	58.07	-15.90
2 Average	3.5995 GHz	47.86	-6.11
2 Average	4.6243 GHz	37.07	-16.90
1 Max Peak	4.6259 GHz	48.47	-25.51
2 Average	5.6327 GHz	39.88	-14.09
1 Max Peak	5.9387 GHz	51.00	-22.98

Segalla 20096906-Horiz(1000-6000MHz)-Battery mode with maximum brightness-BLE communication with smartphone



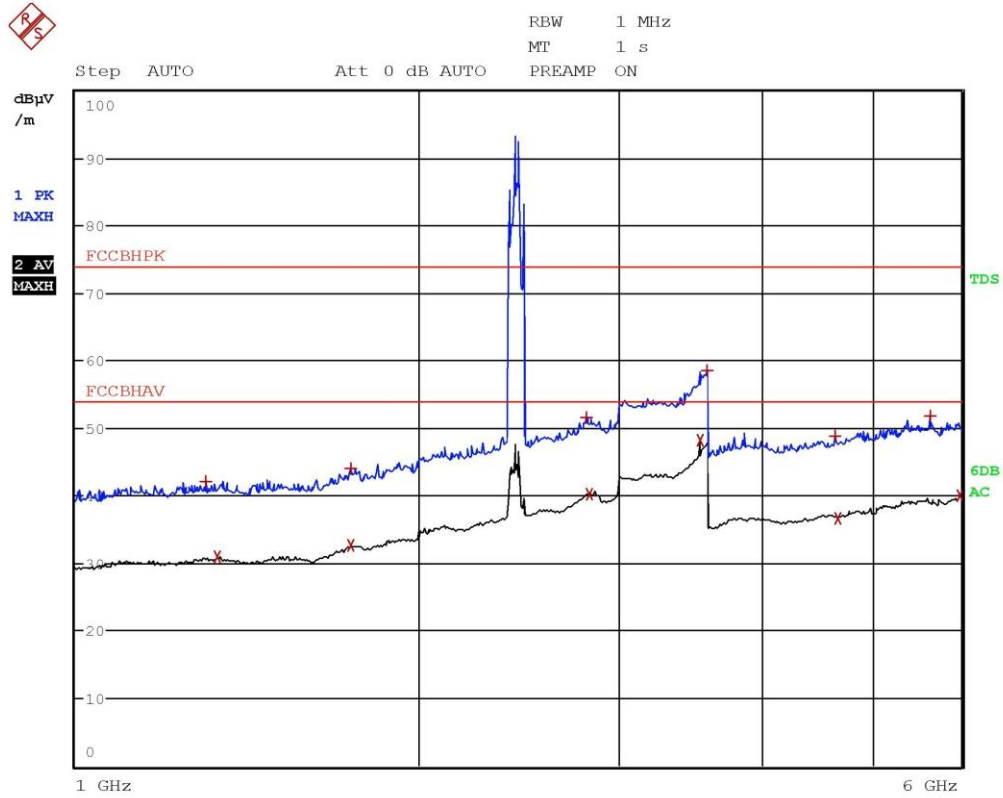
Segalla 20096907-Horiz(1000-6000MHz)-Recharge mode-BT+BLE co
 munication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Max Peak	1.27 GHz	42.35	-31.62
2 Average	1.3016 GHz	31.17	-22.81
1 Max Peak	1.7644 GHz	43.98	-29.99
2 Average	1.7688 GHz	32.72	-21.26
2 Average	2.012 GHz	34.57	-19.40
1 Max Peak	2.0124 GHz	46.63	-27.34
1 Max Peak	2.5675 GHz	50.14	-23.83
2 Average	2.5675 GHz	39.73	-14.24
1 Max Peak	3.5359 GHz	59.53	-14.44
2 Average	3.5359 GHz	48.52	-5.45
2 Average	4.5007 GHz	36.83	-17.14
1 Max Peak	4.5071 GHz	48.40	-25.57
1 Max Peak	5.4947 GHz	51.14	-22.83
2 Average	5.9975 GHz	39.91	-14.06

Segalla 20096907-Horiz(1000-6000MHz)-Recharge mode-BT+BLE communication with smartphone



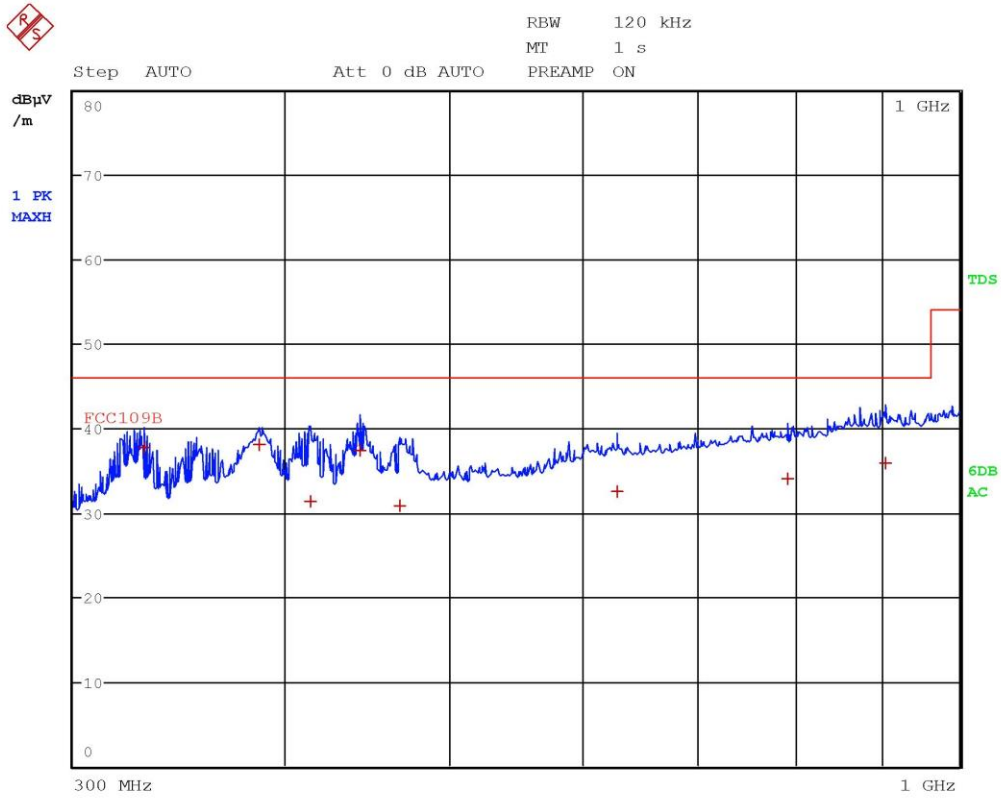
Segalla 20096908-Vert(1000-6000MHz)-Recharge mode-BT+BLE communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Max Peak	1.3004 GHz	42.09	-31.88
2 Average	1.3336 GHz	30.98	-22.99
1 Max Peak	1.7432 GHz	43.99	-29.99
2 Average	1.7432 GHz	32.59	-21.38
1 Max Peak	2.8103 GHz	51.59	-22.38
2 Average	2.8259 GHz	40.27	-13.71
2 Average	3.5359 GHz	48.20	-5.77
1 Max Peak	3.5967 GHz	58.53	-15.44
1 Max Peak	4.6487 GHz	48.79	-25.18
2 Average	4.6723 GHz	36.69	-17.28
1 Max Peak	5.6343 GHz	51.73	-22.24
2 Average	5.9759 GHz	39.93	-14.04

Segalla 20096908-Vert(1000-6000MHz)-Recharge mode-BT+BLE communication with smartphone



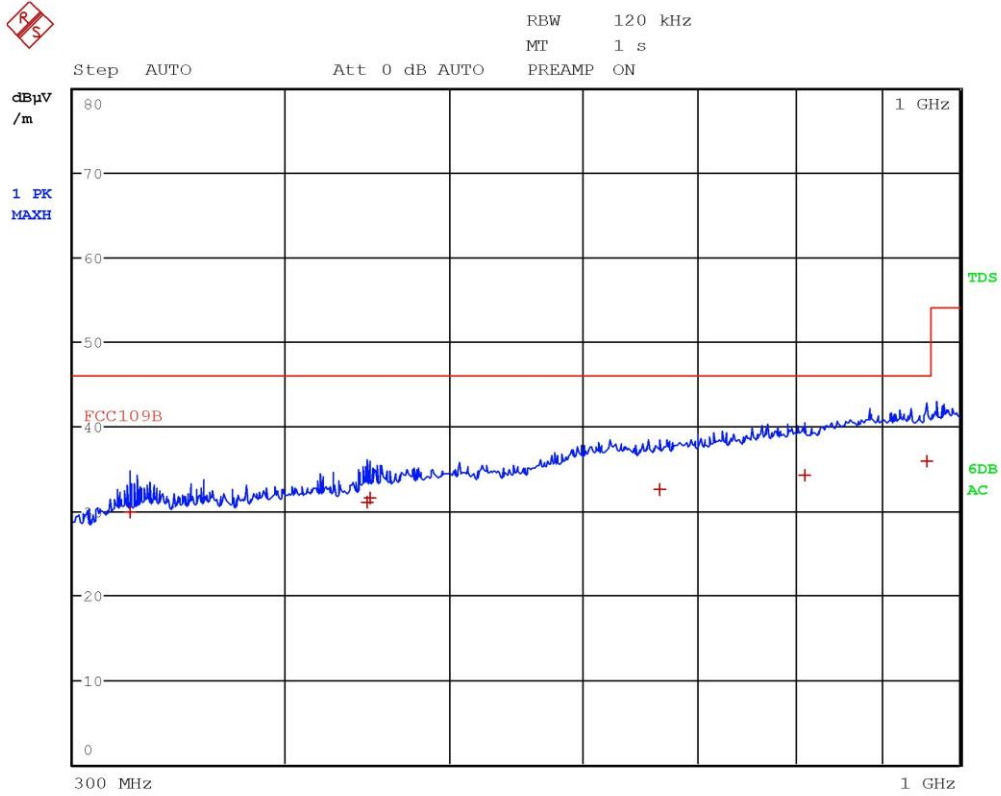
Segalla 20096909-Vert(300-1000MHz - 10m)-Recharge mode-BT+BL
 E communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dB μ V/m	DELTA LIMIT dB
1 Quasi Peak	330.2 MHz	37.78	-8.23
1 Quasi Peak	385.92 MHz	38.01	-8.01
1 Quasi Peak	413.64 MHz	31.27	-14.74
1 Quasi Peak	443.08 MHz	37.43	-8.58
1 Quasi Peak	467.88 MHz	30.79	-15.22
1 Quasi Peak	627.84 MHz	32.51	-13.50
1 Quasi Peak	792.32 MHz	34.05	-11.96
1 Quasi Peak	904.68 MHz	35.87	-10.14

Segalla 20096909-Vert(300-1000MHz - 10m)-Recharge mode-BT+BL
 E communication with smartphone



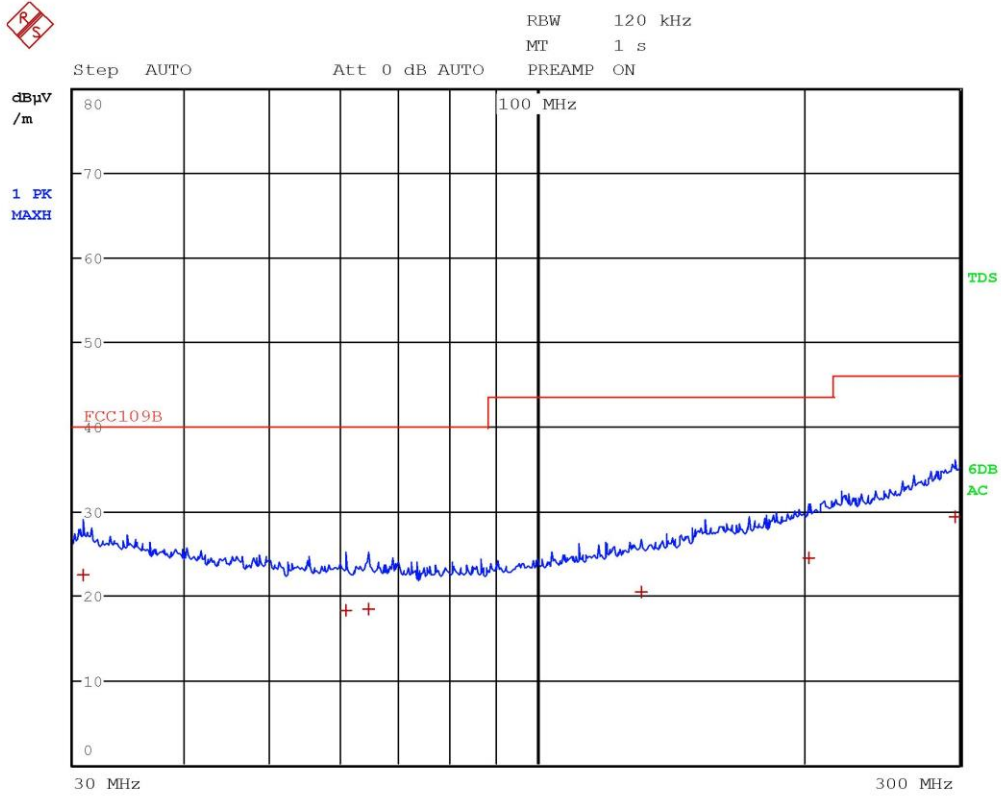
Segalla 20096910-Horiz(300-1000MHz - 10m)-Recharge mode-BT+B
 LE communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	324.28 MHz	29.86	-16.15
1 Quasi Peak	447.44 MHz	30.98	-15.04
1 Quasi Peak	449.04 MHz	31.44	-14.57
1 Quasi Peak	665.12 MHz	32.45	-13.56
1 Quasi Peak	809.56 MHz	34.14	-11.87
1 Quasi Peak	956.72 MHz	35.88	-10.13

Segalla 20096910-Horiz(300-1000MHz - 10m)-Recharge mode-BT+B
 LE communication with smartphone



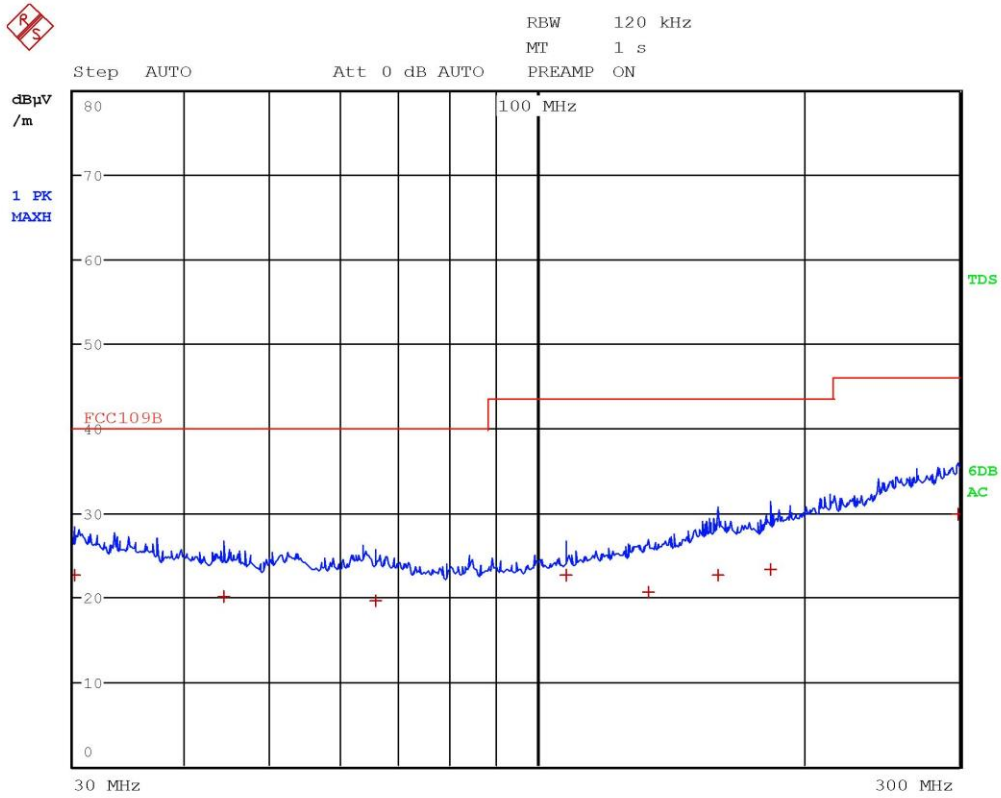
Segalla 20096911-Horiz(30-300MHz - 10m)-Recharge mode-BT+BLE
 communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.8 MHz	22.41	-17.58
1 Quasi Peak	61 MHz	18.19	-21.80
1 Quasi Peak	64.68 MHz	18.33	-21.66
1 Quasi Peak	131.32 MHz	20.46	-23.05
1 Quasi Peak	203.12 MHz	24.46	-19.05
1 Quasi Peak	296.2 MHz	29.31	-16.70

Segalla 20096911-Horiz(30-300MHz - 10m)-Recharge mode-BT+BLE
 communication with smartphone



Segalla 20096912-Vert(30-300MHz - 10m)-Recharge mode-BT+BLE
 communication with smartphone

CMC Centro Misure Compatibilità S.r.l.



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC109B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
1 Quasi Peak	30.08 MHz	22.63	-17.36
1 Quasi Peak	44.4 MHz	20.10	-19.89
1 Quasi Peak	65.84 MHz	19.63	-20.37
1 Quasi Peak	108 MHz	22.58	-20.93
1 Quasi Peak	133.48 MHz	20.51	-23.00
1 Quasi Peak	159.88 MHz	22.68	-20.83
1 Quasi Peak	183.28 MHz	23.33	-20.18
1 Quasi Peak	299 MHz	29.76	-16.26

Segalla 20096912-Vert(30-300MHz - 10m)-Recharge mode-BT+BLE
 communication with smartphone



Attachment 1

Instruments list

<i>Id. number</i>	<i>Manufacturer</i>	<i>Model</i>	<i>Description</i>	<i>Serial number</i>	<i>Last calibration</i>	<i>Due date calibration</i>
CMC S010	Rohde & Schwarz	ESH3-Z2	Impulses Limiting Device	- - -	January '20	January '21
CMC S108	EMCO	3115	Horn Antenna	9811-5622	June '19	June '22
CMC S127	Schaffner	HLA6120	Loop Antenna	1191	November '18	November '23
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	January '20	January '21
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273	January '20	January '21
CMC S206	Rohde & Schwarz	ESCI 7	EMC Receiver 9KHz-7GHz	100781	January '20	January '21
CMC S260	CMC	Wfr_N	Shielded Cable	Wfr_ant10-1	November '19	November '20
CMC S261	CMC	Wfr_N	Shielded Cable	Wfr_ant20-1	November '19	November '20
CMC S262	CMC	Wfr_N_fix	Shielded Cable	Wfr_fix32-1	November '19	November '20
CMC S263	CMC	Wfr_N_fix	Shielded Cable	Wfr_fix31-1	November '19	November '20
CMC S264	CMC	Wfr_N	Shielded Cable	Wfr_ext03-1	November '19	November '20
CMC S271	Schwarzbeck	BBA 9106 + VHBB 9124	Biconical Antenna (30-300MHz)	831	June '19	June '22
CMC S287	Schwarzbeck	VUSLP 9111B	Log-periodic Antenna (200 MHz-3Ghz)	9111B-203	June '19	June '22
CMC S288	CMC	W_sma_white	Joint Shielded Cable	W_001	November '19	November '20
CMC S295	Rohde & Schwarz	FSW43	Spectrum Analyzer 43GHz	104059	November '19	November '22



Attachment 1

Measurement uncertainty

Test	Test Setup	Expanded uncertainty	Note
Conducted emission CISPR 16 LISN 50uH 0,009-0,0150 MHz	PE001_01	3,4 dB	1
Conducted emission CISPR 16 LISN 50uH 0,150-30,0 MHz	PE001_01	3,0 dB	1
Conducted emission CISPR 16 Voltage Probe 0,15-30 MHz	PE001_02	2,9 dB	1
Conducted emission CISPR 16 Current Probe 0,15-30 MHz	PE001_03	2,6 dB	1
Conducted emission CISPR 16 ISN 0,15-30 MHz	PE001_04	4,7 dB	1
Clic CISPR 16 LISN 50uH 0,150-30,0 MHz	PE001_05	2,9 dB	1
Radiated Emission CDNE 30-300 MHz	PE001_06	3,3 dB	1
Disturbance Power 30-300 MHz	PE002_01	3,6 dB	1
Radiated Emission LAS 0,15-30 MHz	PE003_01	2,0 dB	1
Radiated Emission CISPR 16 Loop Ant. 0,15-30 MHz	PE004_01	4,0 dB	1
Radiated Emission CISPR 16 Bicon. Ant. 30-300 MHz	PE004_02	3,9 dB	1
Radiated Emission CISPR 16 LogP. Ant. 300-1000 MHz	PE004_03	3,8 dB	1
Radiated Emission CISPR 16 Horn Ant. 1-18 GHz	PE004_04	4,2 dB	1
Human Exposure to electromagnetic fields	PE005_01	23,6 %	1
Harmonics	PE006_01	10 mA + 2,6 %	1
Flicker	PE007_01	4,79 %	1
Radiated Immunity 80 MHz - 6 GHz	PE102_XX	1,95 dB 0,75 V/m a 3V/m	1
Conducted Immunity 0,15 - 230 MHz	PE105_XX	1,20 dB 0,44 V a 3V	1
AC Magnetic field	PE106_01	1,55 % 0,15 A/m a 10A/m	1
Pulse Magnetic field	PE107_01	6,25 % 18,7 A/m a 300A/m	1
Dumped Magnetic field	PE108_01	6,25 % 1,87 A/m a 30A/m	1
Common mode conducted immunity	PE112_01	2,21 % 0,22 V a 10V	1



Attachment 1

Test	Test Setup	Expanded uncertainty	Note
Power/Spurious 9kHz-30MHz	PR001_01	4,0 dB	1
Power/Spurious ERP 30-1000MHz d=10m	PR001_02+03	4,7 dB	1
Misura della potenza EIRP 1-18GHz d=3m	PR001_04+05	4,7 dB	1
Misura della potenza EIRP 18-40GHz d=3m	PR001_06	5,4 dB	1
Frequency error	PR002_01+02	< 1x10 ⁻⁷	1
Timing zero span (1001pts.)	PR002_01+02	0,2 % SWT	1
Modulation bandwidth	PR002_01+02	< 1x10 ⁻⁷	1
Conducted RF power and spurious emission	PR002_01+02	1,1 dB	1
Adjacent channel power	PR002_01+02	1,1 dB	1
Blocking	PR002_01+02	1,1 dB	1

Test	Test Setup	Expanded uncertainty	Note
Electrostatic discharge immunity test	PE101_0X		2
Electrical fast transients / burst immunity test	PE103_0X		2
Surge immunity test	PE104_0X		2
Short interruption immunity test	PE109_01		2
Ring Wave immunity test	PE110_01		2
Low frequency immunity test	PE111_01		2
Dumped Oscillatory immunity test	PE113_01		2
Rev_20_02 date 24/02/2020			

Note 1:

The expanded uncertainty reported according to the document EA-4-02 is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of p = 95%

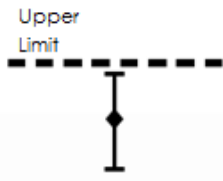
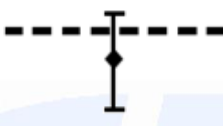
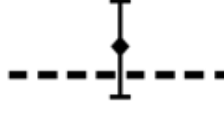
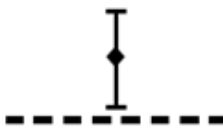
Note 2:

It has been demonstrated that the used test equipment meets the specified requirements in the standard with at least a 95% confidence, covering factor k=2



Attachment 1

Judgement of compliance

Case 1	Case 2	Case 3	Case 4
 <p>The sample complies with the requirements.</p> <p>The measurement results is within the specification limit when the measurement uncertainty is taken into account.</p>	 <p>The sample complies with the requirements.</p> <p>It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty although the measurement result is below the limit.</p>	 <p>The sample does not comply with the requirements.</p> <p>It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty also the measurement result is upper the limit.</p>	 <p>The sample does not comply with the requirements.</p> <p>The measurement results is outside the specification limit when the measurement uncertainty is taken into account.</p>

In agreement with ILAC-G8: 03/2009 Guidelines on the Reporting of Compliance with Specification

Quality manual references – Internal procedure

Internal Procedure PM001 rev. 3.0 (Quality Manual)	Measure procedure
Internal Procedure INC_M rev. 9.1 (Quality Manual)	Measurement uncertainty calculation

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