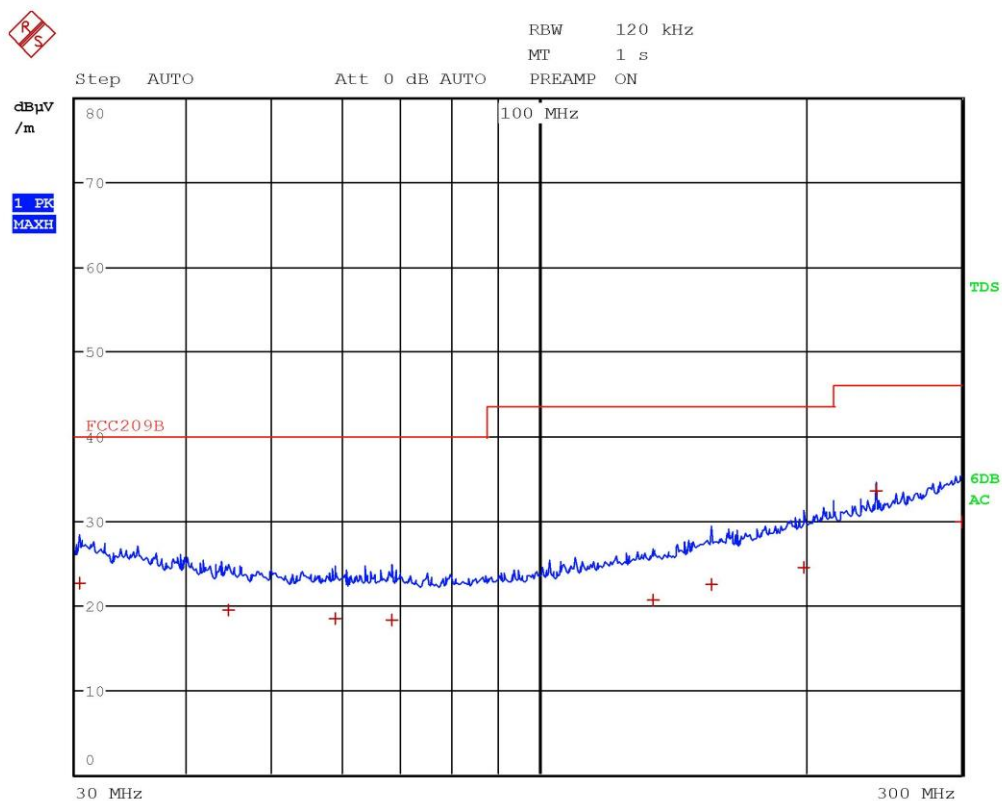




EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.12 MHz	22.70	-17.29
1 Quasi Peak	44.36 MHz	19.54	-20.45
1 Quasi Peak	72.4 MHz	17.84	-22.15
1 Quasi Peak	84.24 MHz	19.28	-20.71
1 Quasi Peak	108 MHz	22.56	-20.95
1 Quasi Peak	137.88 MHz	20.81	-22.70
1 Quasi Peak	197.8 MHz	24.55	-18.96
1 Quasi Peak	240 MHz	29.84	-16.17
1 Quasi Peak	294.2 MHz	29.51	-16.50

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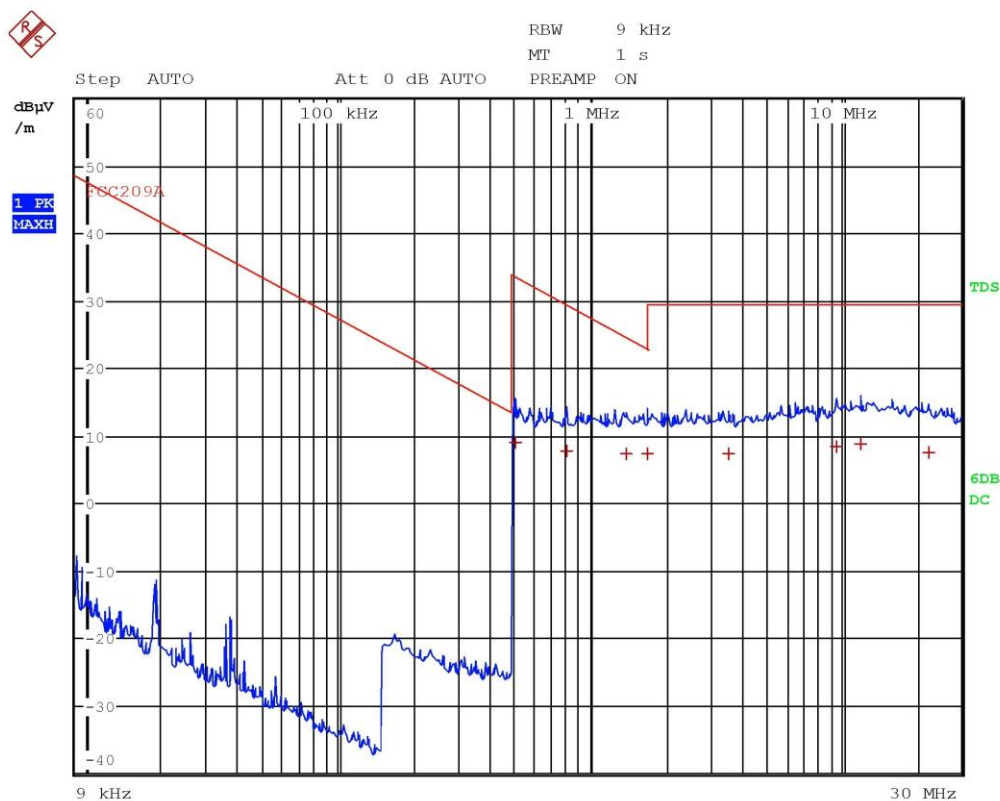


Gandini 20103504



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209B		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	30.32 MHz	22.55	-17.44
1 Quasi Peak	44.64 MHz	19.43	-20.56
1 Quasi Peak	58.84 MHz	18.44	-21.55
1 Quasi Peak	68.24 MHz	18.30	-21.69
1 Quasi Peak	134.56 MHz	20.55	-22.96
1 Quasi Peak	156.56 MHz	22.49	-21.02
1 Quasi Peak	199.4 MHz	24.37	-19.14
1 Quasi Peak	240 MHz	33.45	-12.56
1 Quasi Peak	299.56 MHz	29.84	-16.17

Gandini 20103504

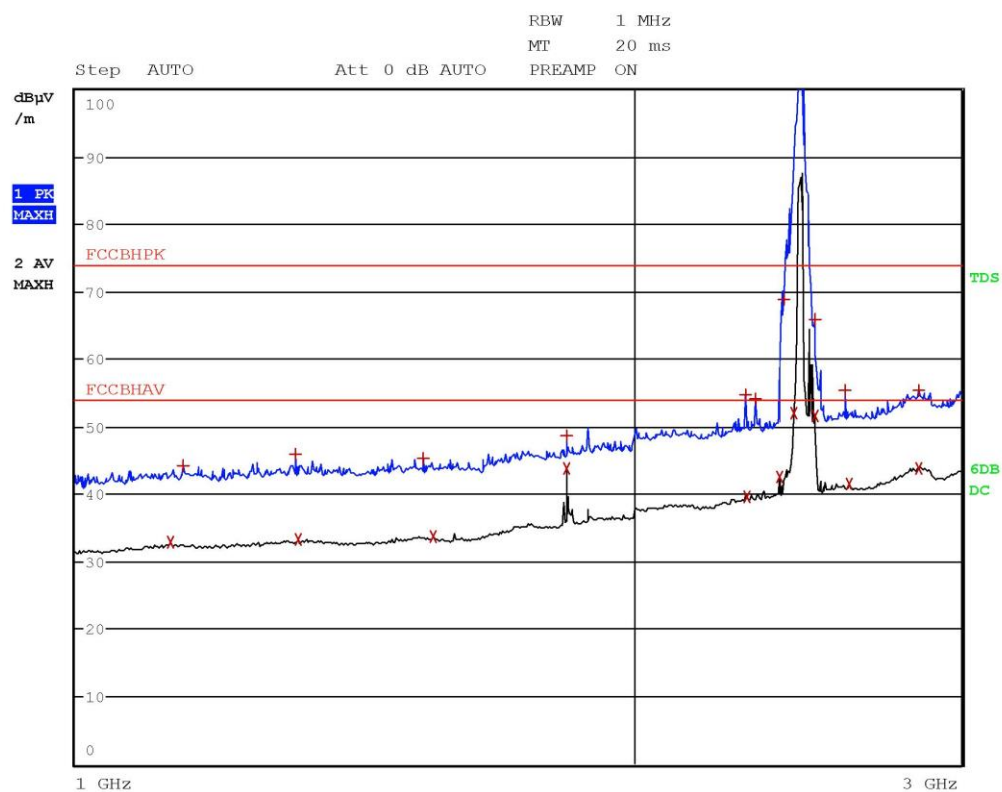


Gandini 20103505



EDIT PEAK LIST (Final Measurement Results)			
Trace1:	FCC209A		
Trace2:	---		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Quasi Peak	502 kHz	9.01	-24.57
1 Quasi Peak	802 kHz	7.79	-21.72
1 Quasi Peak	1.394 MHz	7.32	-17.39
1 Quasi Peak	1.702 MHz	7.31	-15.66
1 Quasi Peak	3.534 MHz	7.34	-22.19
1 Quasi Peak	9.614 MHz	8.42	-21.11
1 Quasi Peak	11.854 MHz	8.82	-20.71
1 Quasi Peak	22.198 MHz	7.67	-21.86

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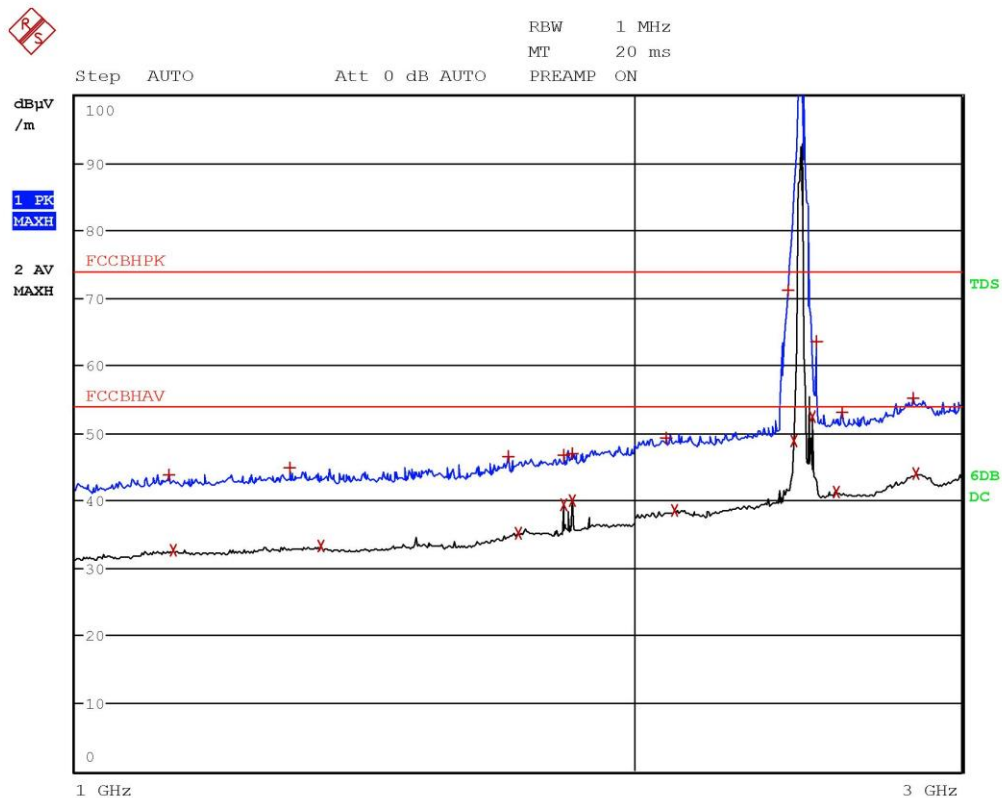


Gandini 20103506



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	1.1252 GHz	32.79	-21.18
1 Max Peak	1.1432 GHz	44.30	-29.67
1 Max Peak	1.314 GHz	45.91	-28.06
2 Average	1.318 GHz	33.24	-20.73
1 Max Peak	1.54 GHz	45.30	-28.67
2 Average	1.5572 GHz	33.62	-20.35
2 Average	1.8384 GHz	43.73	-10.24
1 Max Peak	1.8388 GHz	48.61	-25.36
1 Max Peak	2.2964 GHz	54.68	-19.29
2 Average	2.2992 GHz	39.70	-14.27
1 Max Peak	2.3244 GHz	54.09	-19.88
2 Average	2.3988 GHz	42.57	-11.40
1 Max Peak	2.4076 GHz	68.76	-5.22
2 Average	2.4384 GHz	51.96	-2.02
1 Max Peak	2.5011 GHz	65.90	-8.07
2 Average	2.5019 GHz	51.61	-2.36
1 Max Peak	2.5971 GHz	55.42	-18.55
2 Average	2.6083 GHz	41.47	-12.50
2 Average	2.8455 GHz	43.73	-10.24
1 Max Peak	2.8455 GHz	55.39	-18.58

Gandini 20103506

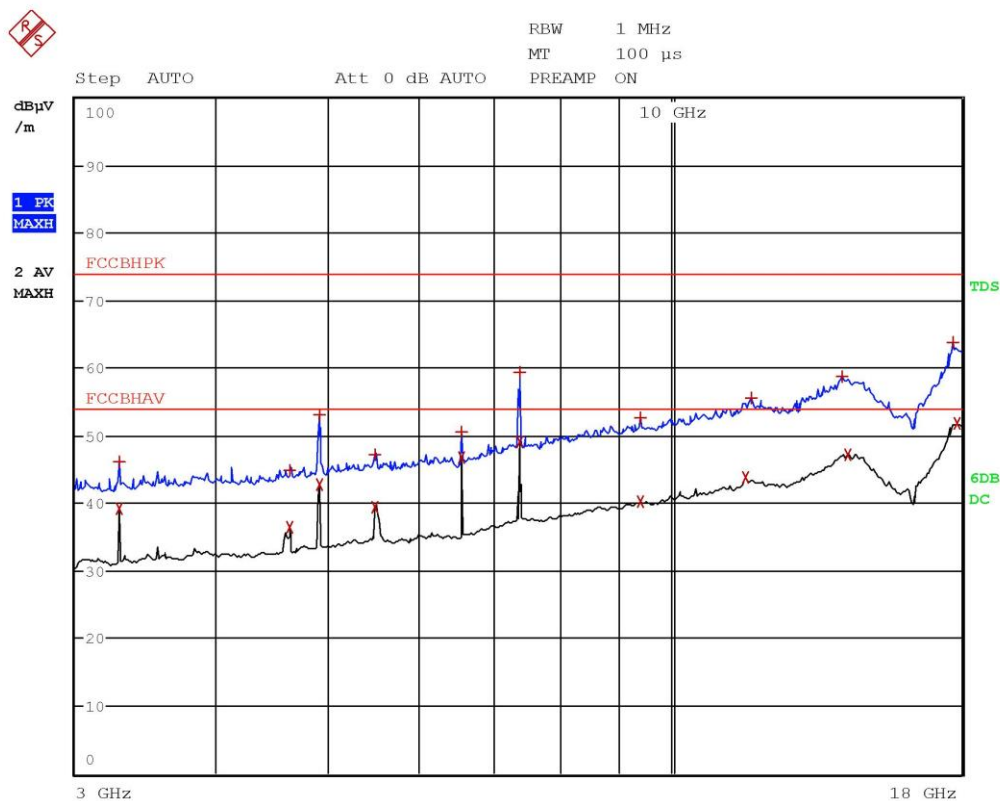


Gandini 20103507



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	1.122 GHz	43.82	-30.16
2 Average	1.1288 GHz	32.66	-21.31
1 Max Peak	1.3044 GHz	44.78	-29.19
2 Average	1.3556 GHz	33.37	-20.61
1 Max Peak	1.7096 GHz	46.61	-27.36
2 Average	1.7304 GHz	35.26	-18.71
2 Average	1.8332 GHz	39.39	-14.58
1 Max Peak	1.8336 GHz	46.66	-27.31
1 Max Peak	1.8504 GHz	46.91	-27.06
2 Average	1.852 GHz	40.08	-13.89
1 Max Peak	2.0792 GHz	49.19	-24.78
2 Average	2.1004 GHz	38.62	-15.35
1 Max Peak	2.418 GHz	71.03	-2.94
2 Average	2.4388 GHz	48.85	-5.12
2 Average	2.4919 GHz	52.38	-1.59
1 Max Peak	2.5075 GHz	63.48	-10.49
2 Average	2.5695 GHz	41.20	-12.77
1 Max Peak	2.5891 GHz	53.09	-20.88
1 Max Peak	2.8251 GHz	55.15	-18.82
2 Average	2.8335 GHz	43.92	-10.05

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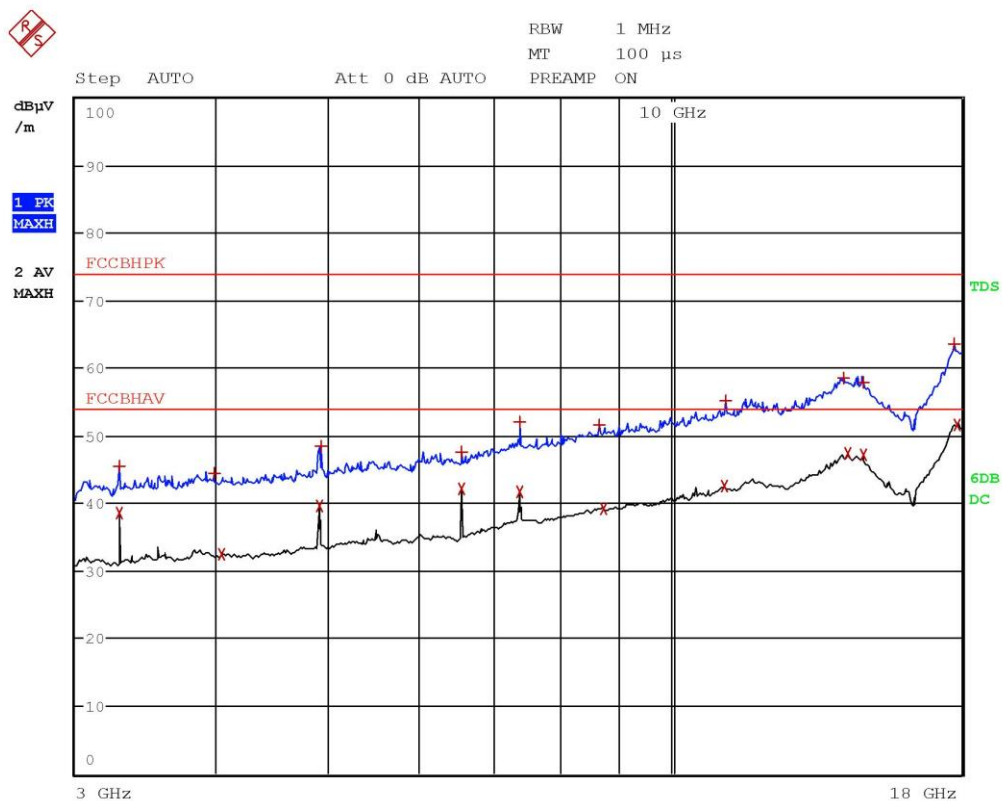


Gandini 20103508



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	3.276 GHz	46.05	-27.92
2 Average	3.2764 GHz	39.09	-14.88
1 Max Peak	4.6228 GHz	44.91	-29.06
2 Average	4.6272 GHz	36.43	-17.55
1 Max Peak	4.9108 GHz	53.08	-20.89
2 Average	4.9184 GHz	42.85	-11.12
2 Average	5.494 GHz	39.47	-14.50
1 Max Peak	5.4944 GHz	47.15	-26.82
1 Max Peak	6.552 GHz	50.53	-23.44
2 Average	6.552 GHz	46.74	-7.24
1 Max Peak	7.3716 GHz	59.26	-14.71
2 Average	7.3728 GHz	49.04	-4.93
2 Average	9.4036 GHz	40.27	-13.70
1 Max Peak	9.4184 GHz	52.53	-21.44
2 Average	11.626 GHz	43.76	-10.21
1 Max Peak	11.7772 GHz	55.47	-18.50
1 Max Peak	14.1484 GHz	58.63	-15.34
2 Average	14.3224 GHz	47.21	-6.76
1 Max Peak	17.6976 GHz	63.70	-10.27
2 Average	17.8336 GHz	51.71	-2.27

Gandini 20103508

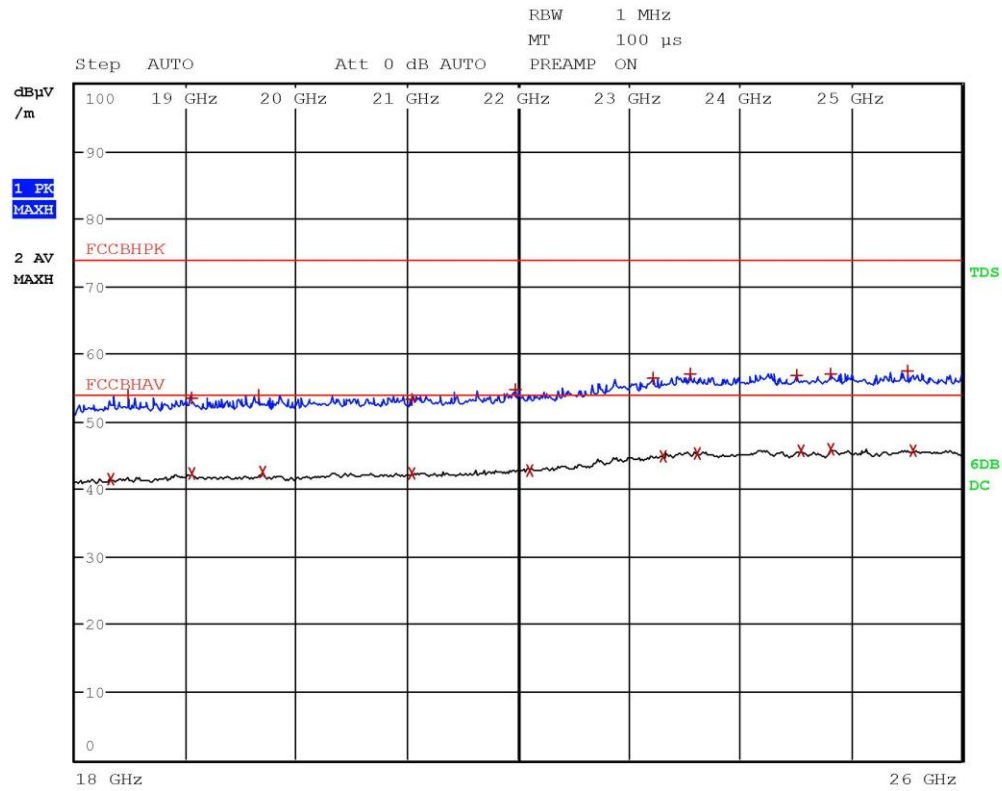


Gandini 20103509



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	3.276 GHz	45.51	-28.46
2 Average	3.2764 GHz	38.61	-15.36
1 Max Peak	3.9772 GHz	44.43	-29.54
2 Average	4.0284 GHz	32.39	-21.59
2 Average	4.9164 GHz	39.55	-14.42
1 Max Peak	4.9248 GHz	48.37	-25.60
2 Average	6.552 GHz	42.13	-11.84
1 Max Peak	6.552 GHz	47.51	-26.46
1 Max Peak	7.3692 GHz	51.97	-22.00
2 Average	7.372 GHz	41.63	-12.35
1 Max Peak	8.6596 GHz	51.48	-22.49
2 Average	8.728 GHz	39.14	-14.83
2 Average	11.154 GHz	42.46	-11.52
1 Max Peak	11.1904 GHz	55.22	-18.75
1 Max Peak	14.1992 GHz	58.45	-15.52
2 Average	14.3152 GHz	47.29	-6.68
2 Average	14.756 GHz	47.22	-6.75
1 Max Peak	14.7676 GHz	57.80	-16.18
1 Max Peak	17.7372 GHz	63.47	-10.50
2 Average	17.864 GHz	51.47	-2.50

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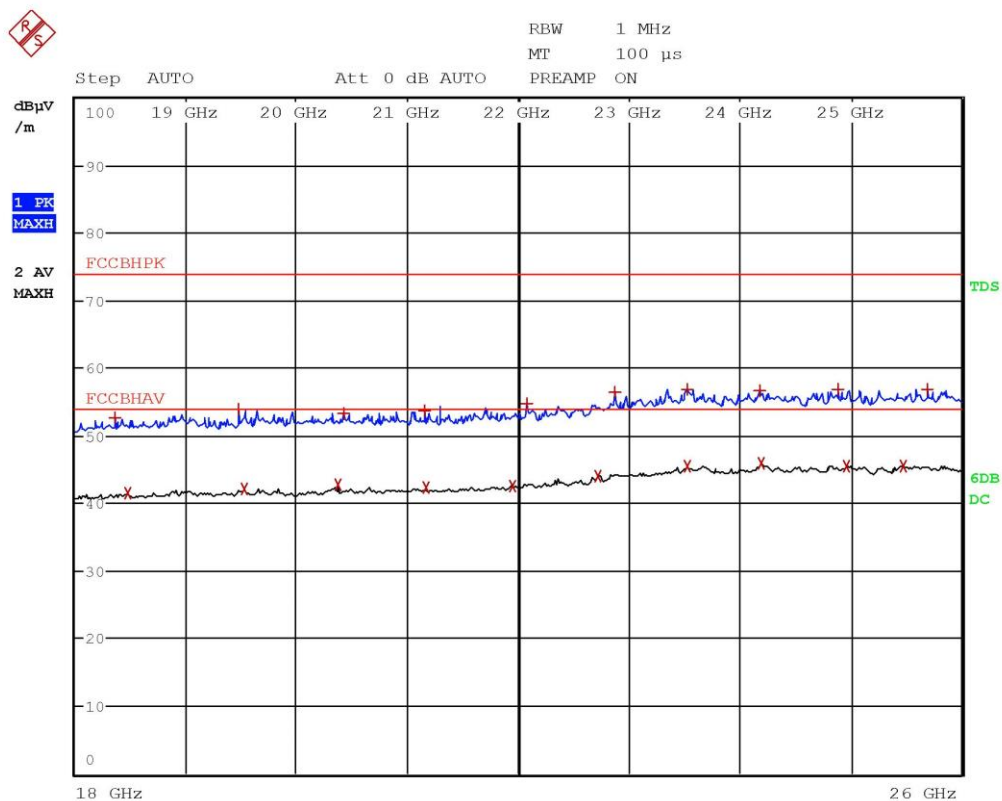


Gandini 20103510



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
2 Average	18.3232 GHz	41.40	-12.57
1 Max Peak	18.4704 GHz	53.98	-19.99
2 Average	19.0484 GHz	42.24	-11.73
1 Max Peak	19.0536 GHz	53.40	-20.57
1 Max Peak	19.6516 GHz	53.88	-20.09
2 Average	19.6928 GHz	42.53	-11.44
1 Max Peak	21.0396 GHz	53.22	-20.75
2 Average	21.0436 GHz	42.23	-11.74
1 Max Peak	21.9736 GHz	54.69	-19.29
2 Average	22.1004 GHz	42.70	-11.27
1 Max Peak	23.2156 GHz	56.46	-17.51
2 Average	23.3096 GHz	44.95	-9.02
1 Max Peak	23.5532 GHz	57.11	-16.86
2 Average	23.6204 GHz	45.30	-8.67
1 Max Peak	24.5108 GHz	56.85	-17.12
2 Average	24.5556 GHz	45.78	-8.19
1 Max Peak	24.8228 GHz	56.95	-17.02
2 Average	24.8228 GHz	45.83	-8.14
1 Max Peak	25.5088 GHz	57.37	-16.60
2 Average	25.5636 GHz	45.59	-8.38

Gandini 20060709



Gandini 20103511



EDIT PEAK LIST (Prescan Results)			
Trace1:	FCCBHPK		
Trace2:	FCCBHAV		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV/m	DELTA LIMIT dB
1 Max Peak	18.3584 GHz	52.53	-21.44
2 Average	18.474 GHz	41.56	-12.41
1 Max Peak	19.4764 GHz	53.87	-20.10
2 Average	19.5304 GHz	42.11	-11.86
2 Average	20.3736 GHz	42.68	-11.29
1 Max Peak	20.4272 GHz	53.15	-20.82
1 Max Peak	21.1536 GHz	53.70	-20.27
2 Average	21.1704 GHz	42.25	-11.72
2 Average	21.9508 GHz	42.56	-11.41
1 Max Peak	22.0784 GHz	54.64	-19.33
2 Average	22.722 GHz	44.09	-9.88
1 Max Peak	22.8704 GHz	56.30	-17.67
2 Average	23.53 GHz	45.48	-8.49
1 Max Peak	23.5304 GHz	56.92	-17.05
1 Max Peak	24.1824 GHz	56.68	-17.29
2 Average	24.1928 GHz	46.00	-7.97
1 Max Peak	24.8864 GHz	56.79	-17.18
2 Average	24.9672 GHz	45.55	-8.42
2 Average	25.4704 GHz	45.50	-8.47
1 Max Peak	25.6944 GHz	56.84	-17.13

Gandini 20103511



Attachment 1

<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	$< 1 \times 10^{-7}$	1
Timing zero span (1001pts.)	PR002_01+02	0,2 % SWT	1
Modulation bandwidth	PR002_01+02	$< 1 \times 10^{-7}$	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
The sample complies with the requirements. The measurement results is within the specification limit when the measurement uncertainty is taken into account.	The sample complies with the requirements. It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty although the measurement result is below the limit.	The sample does not comply with the requirements. It is not possible to state compliance using a 95% coverage probability for the expanded uncertainty also the measurement result is upper the limit.	The sample does not comply with the requirements. The measurement results is outside the specification limit when the measurement uncertainty is taken into account.

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