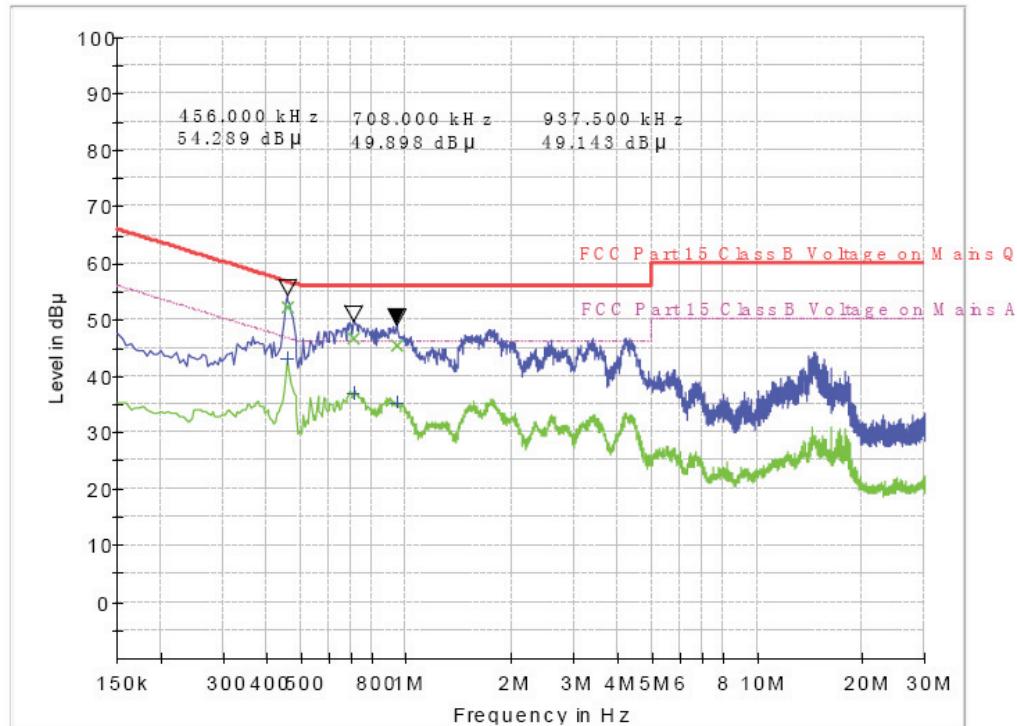
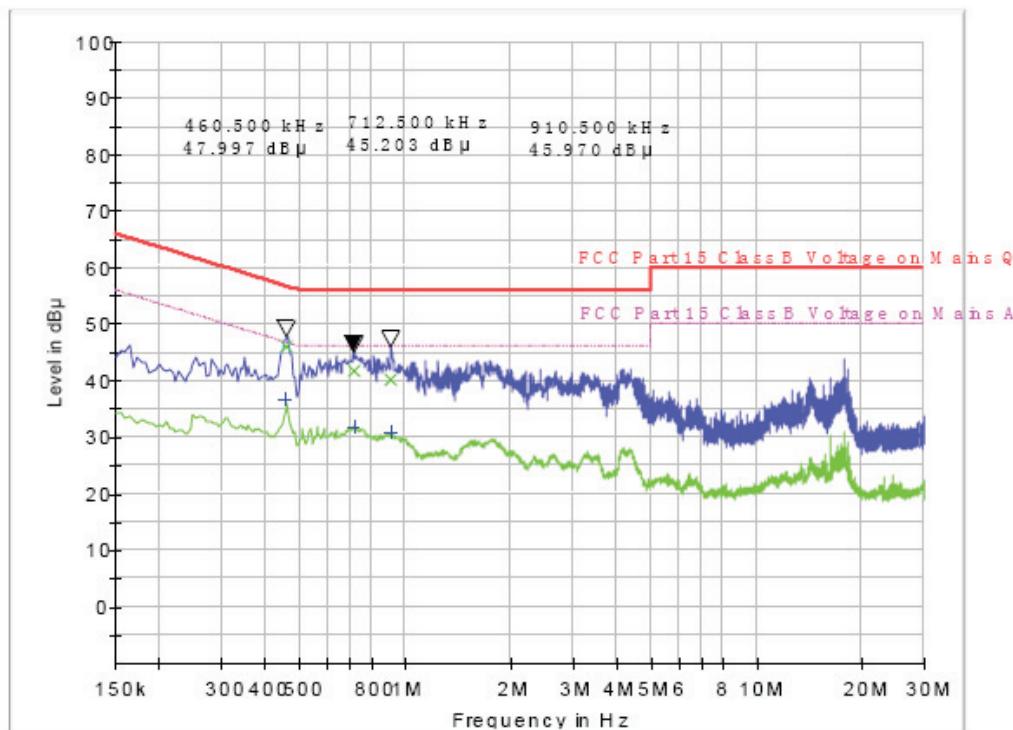


Mode 4:



Line L Conducted Emission Graph



Line N Conducted Emission Graph

Test Data:**Mode 1:**

Lines	Frequency (MHz)	Corrected QP Level (dBuV)	Limits QP (dBuV)	Margin QP (dB)	Frequency (MHz)	Corrected AV Level (dBuV)	Limits AV (dBuV)	Margin QP (dB)
L	0.5370	39.10	56	-16.90	0.5370	Note(2)	46	/
L	0.5550	37.56	56	-18.44	0.5550	Note(2)	46	/
L	11.3415	42.60	60	-17.40	11.3415	Note(2)	50	/
N	0.5370	45.6	56	-10.4	0.5370	Note(2)	46	/
N	0.6270	41.3	56	-14.7	0.6270	Note(2)	46	/
N	3.8535	40.4	56	-15.6	3.8535	Note(2)	46	/

Note 1: All readings are using a bandwidth of 9 kHz, with a 500 ms sweep time. A video filter was not used.

Note 2: If the emission levels measured with QP detector are lower than AV limits, there is unnecessary to measure with AV detector.

Mode 2:

Lines	Frequency (MHz)	Corrected QP Level (dBuV)	Limits QP (dBuV)	Margin QP (dB)	Frequency (MHz)	Corrected AV Level (dBuV)	Limits AV (dBuV)	Margin QP (dB)
L	0.4335	40.17	57.2	-17.03	0.4335	Note(2)	47.2	/
L	0.5010	41.00	56	-15.00	0.5010	Note(2)	46	/
L	0.6855	37.78	56	-18.52	0.6855	Note(2)	46	/
N	0.6450	45.70	56	-10.30	0.6450	Note(2)	46	/
N	0.9645	45.59	56	-10.10	0.9645	Note(2)	46	/
N	1.2885	45.80	56	-10.20	1.2885	Note(2)	46	/

Note 1: All readings are using a bandwidth of 9 kHz, with a 500 ms sweep time. A video filter was not used.

Note 2: If the emission levels measured with QP detector are lower than AV limits, there is unnecessary to measure with AV detector.

Mode 3:

Lines	Frequency (MHz)	Corrected QP Level (dBuV)	Limits QP (dBuV)	Margin QP (dB)	Frequency (MHz)	Corrected AV Level (dBuV)	Limits AV (dBuV)	Margin QP (dB)
L	0.5190	48.51	56	-7.49	0.5190	37.85	46	-8.15
L	0.7575	44.04	56	-11.96	0.7575	34.18	46	-11.82
L	1.0860	43.99	56	-12.01	1.0860	34.08	46	-11.92
N	0.3975	38.95	57.9	-18.95	0.3975	31.18	47.9	-16.72
N	0.5235	42.12	56	-13.88	0.5235	34.24	46	-11.76
N	0.7440	38.75	56	-17.25	0.7440	38.75	46	-7.25

Note 1: All readings are using a bandwidth of 9 kHz, with a 500 ms sweep time. A video filter was not used.

Note 2: If the emission levels measured with QP detector are lower than AV limits, there is unnecessary to measure with AV detector.

Mode 4:

Lines	Frequency (MHz)	Corrected QP Level (dBuV)	Limits QP (dBuV)	Margin QP (dB)	Frequency (MHz)	Corrected AV Level (dBuV)	Limits AV (dBuV)	Margin QP (dB)
L	0.4560	52.12	56.8	-4.68	0.4560	42.99	46.8	-3.81
L	0.7080	46.65	56	-9.35	0.7080	36.94	46	-9.06
L	0.9375	45.39	56	-10.61	0.9375	35.15	46	-10.85
N	0.4605	45.98	56.7	-10.72	0.4605	36.55	46.7	-10.15
N	0.7125	41.76	56	-14.24	0.7125	31.70	46	-14.30
N	0.9105	40.28	56	-15.72	0.9105	30.59	46	-15.41

Note 1: All readings are using a bandwidth of 9 kHz, with a 500 ms sweep time. A video filter was not used.

Note 2: If the emission levels measured with QP detector are lower than AV limits, there is unnecessary to measure with AV detector.

Test Equipment List:

Test Equipment	Model No.	Manufacturer	Serial No.	Last Cal.	Cal. Interval
EMI Receiver	ESCS30	R&S	A0304260	2015-06-10	2016-06-09
LISN	ESH2-Z5	R&S	A0304221	2015-06-10	2016-06-09
Shield Room	RF-2 10.5*5*3.2(m)	Manbo Tech	A0301188	2015-01-17	2017-01-16
Temperature/ Meter Humidity	TH101B	Anymetre	/	2015-06-10	2016-06-09

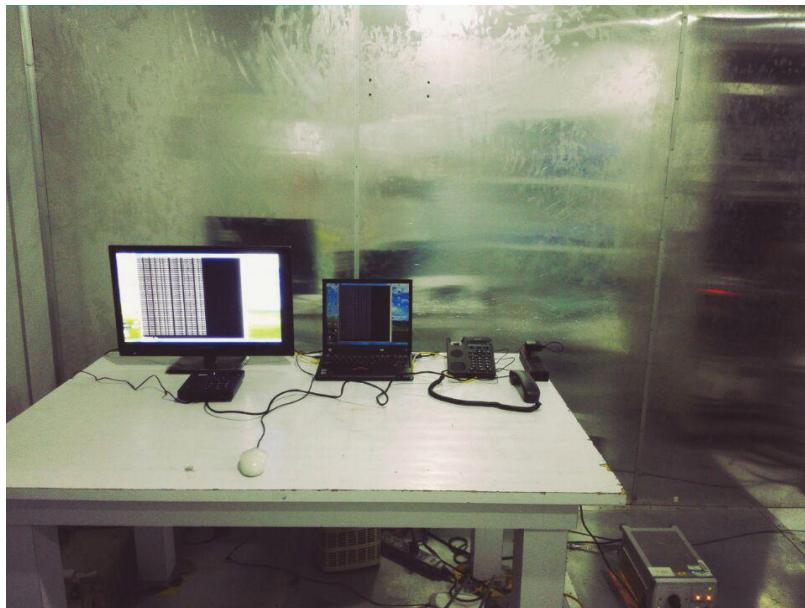
Note: All testing were performed using internationally recognized standards. All test instruments were calibrated.

TESTED BY:

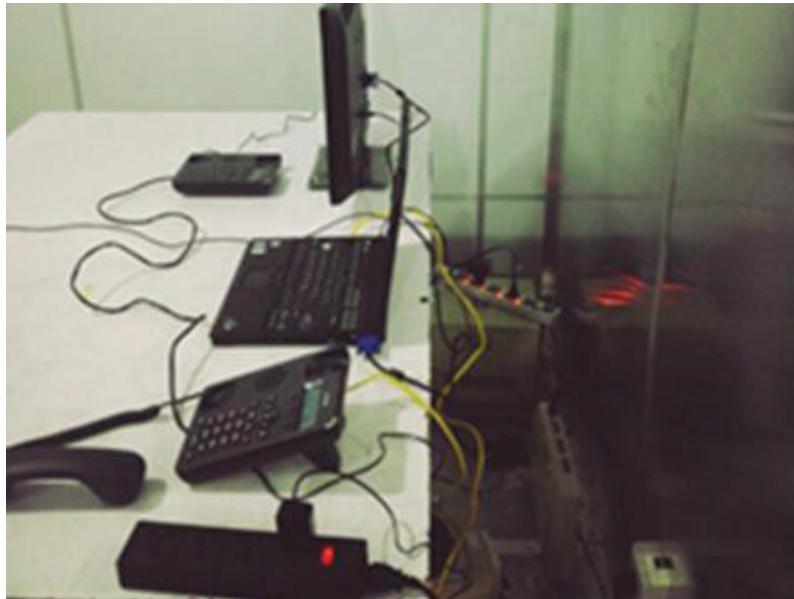
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Conducted Emission Test Set-up- Front View



Conducted Emission Test Set-up- Rear View

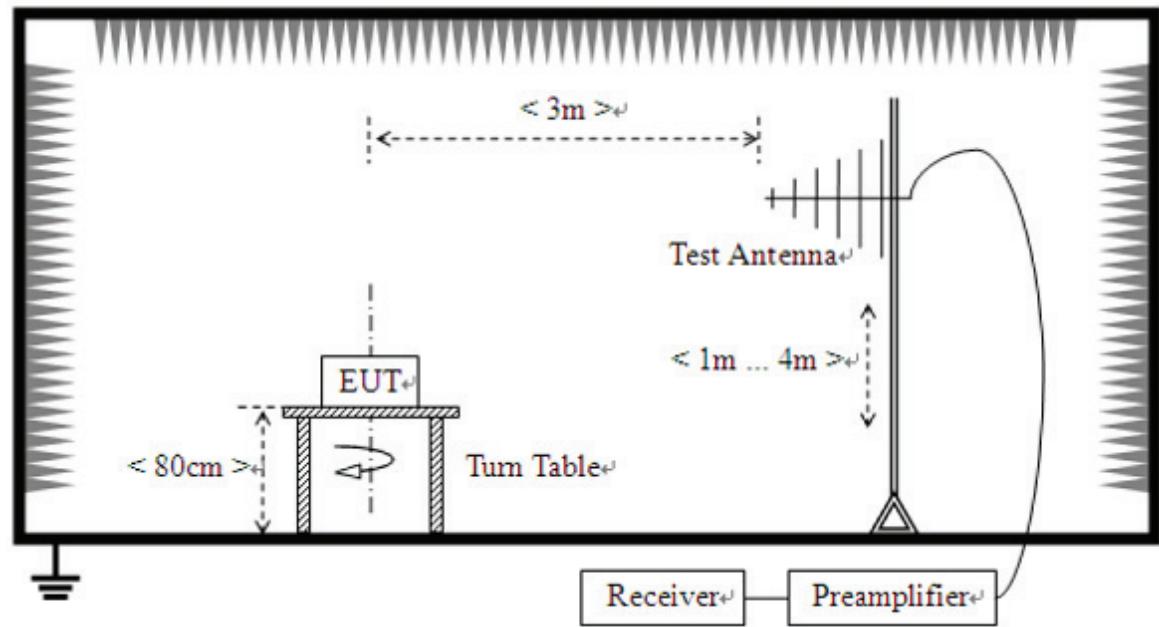
ATTACHMENT 2 – RADIATED EMISSION MEASUREMENT

CLIENT:	AVAYA	TEST STANDERD:	FCC Part 15,Subpart B, Section 15.109
MODEL NUMBERS:	E129 Sip Deskphone	PRODUCT:	Sip Deskphone
EUT MODEL:	E129 Sip Deskphone	EUT DESIGNATION:	Home or Office
TEMPERATURE:	23°C	HUMIDITY:	49%RH
ATM PRESSURE:	103.0kPa	GROUNDING:	None
TESTED BY:	Alex Yu	DATE OF TEST:	Oct.14 th , 2015
TEST REFERENCE:	ANSI C63.4-2014		
TEST PROCEDURE:	<p>The EUT was set up according to the guidelines of ANSI C63.4-2014 for radiated emissions. An EMI receiver peak scan was made at the frequency measurement range (pre-scan) in an Anechoic chamber. signal discrimination was then performed and the significant peaks marked. these peaks were then quasi-peaked in the frequency range of 30 MHz to 1GHz and average and peak in the frequency range of 1 GHz to 2GHz at an anechoic chamber.</p> <p>The following data lists the significant emission frequencies, measured levels, correction factors (including cable and antenna correction factors), and the corrected readings against the limits. Explanation of the Correction Factor are given as follows:</p> <p>FS= RA + AF + CF - AG</p> <p>Where: FS = Field Strength</p> <p>RA = Receiver Amplitude</p> <p>AF = Antenna Factor</p> <p>CF = Cable Attenuation Factor</p> <p>AG = Amplifier Gain</p>		
TEST MODE:	Mode 1,Mode 2,Mode 3,Mode 4,Mode 5		
TESTED RANGE:	30-1000MHz and 1GHz to 2GHz		
TEST VOLTAGE:	AC 120V/60Hz and PoE by DC 48V		
RESULTS:	The EUT meet the requirements of test reference for radiated emissions. The test results relate only to the equipment under test provided by client.		
CHANGES OR MODIFICATIONS:	There were no modifications installed by ECMG Electronic Technical Testing Corp (Shenzhen). Test personnel.		
M. UNCERTAINTY:	Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 9kHz ~ 1GHz: 3.60dB 1GHz ~ 2GHz: 4.76dB		

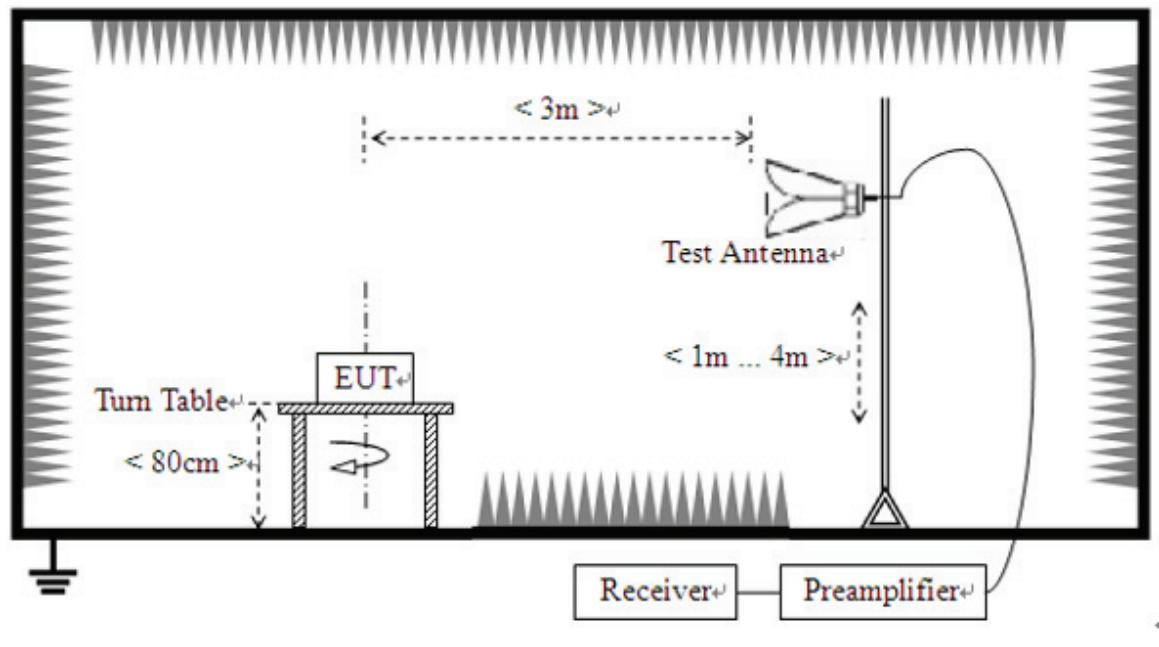
Continue on to next page...

TEST SET-UP:

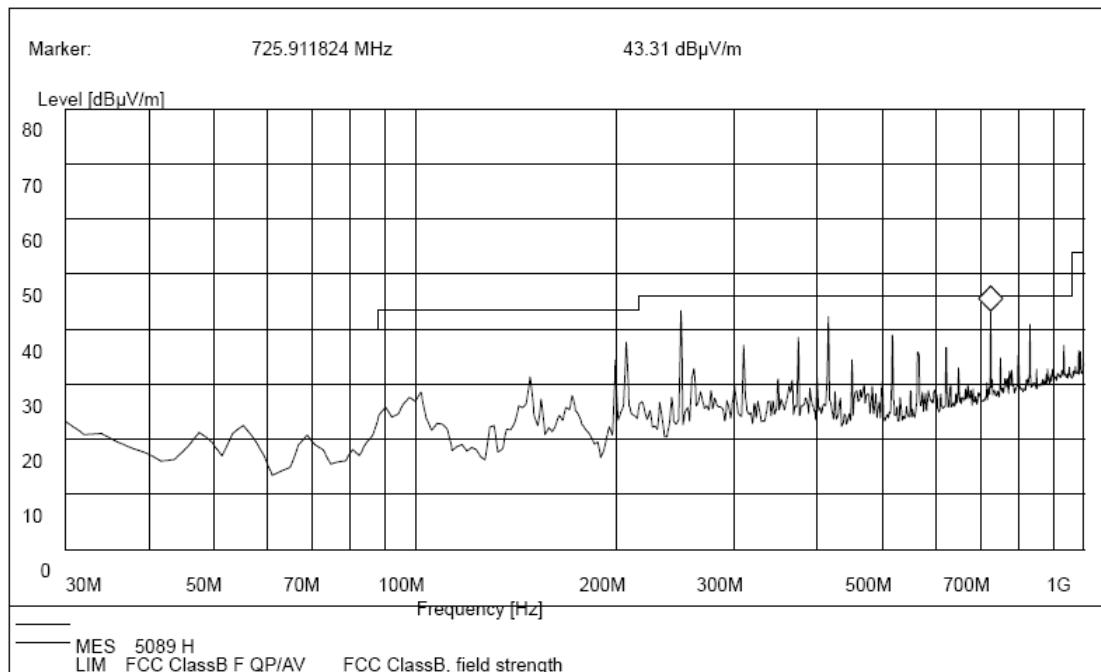
Frequency measured at 30MHz to 1000MHz:



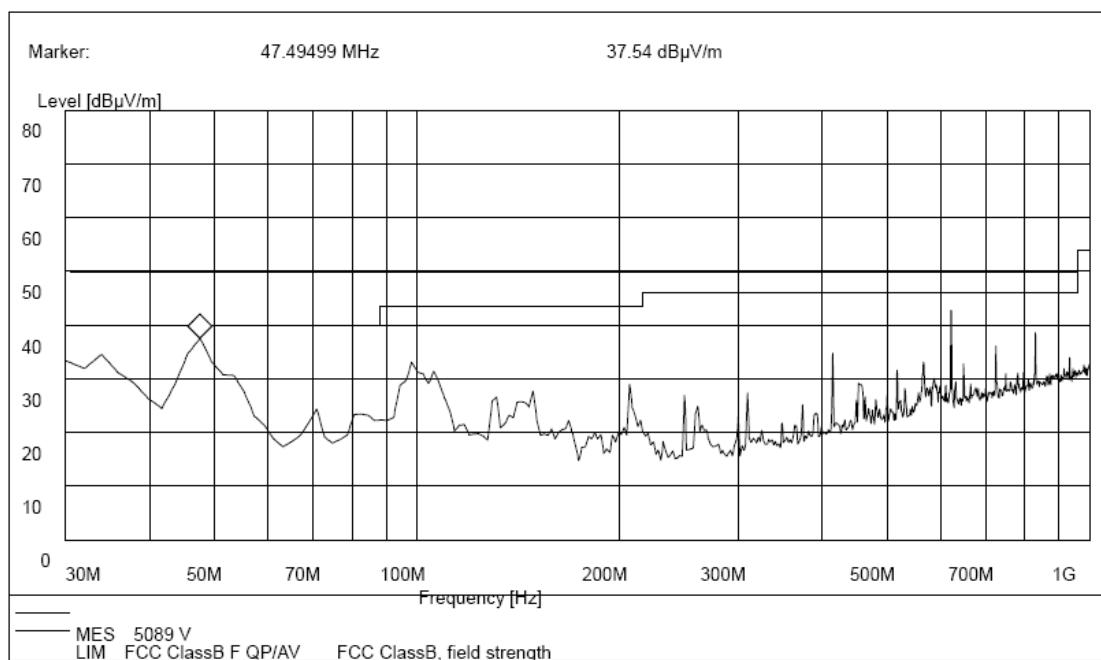
Frequency measured at Above 1GHz:



Mode 1 & below 1GHz:

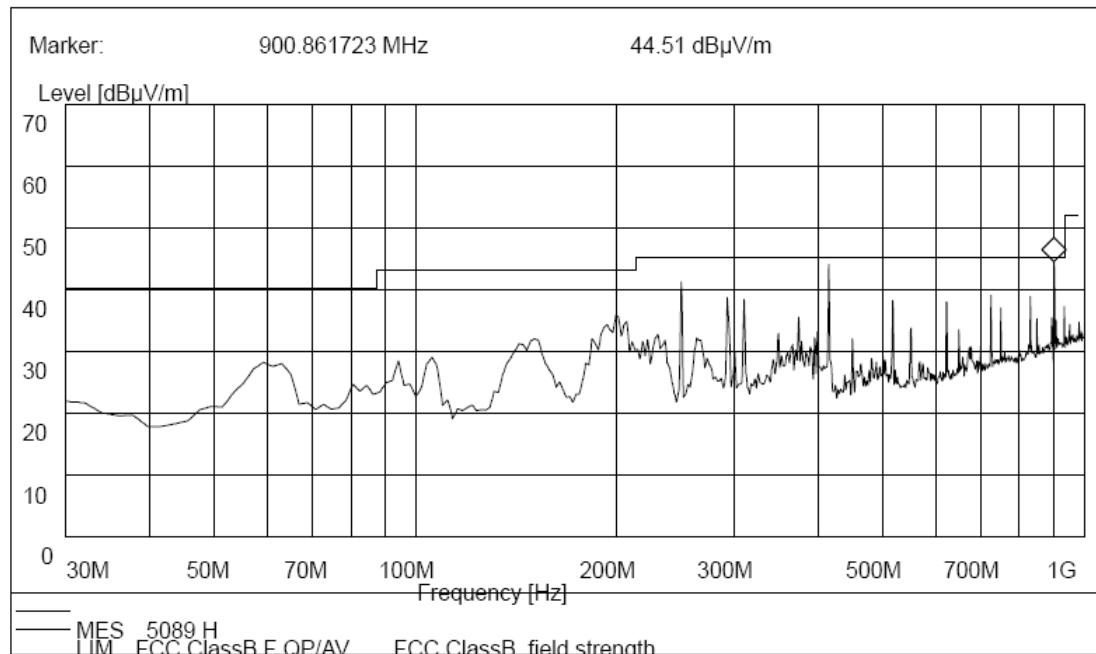


Horizontal: Radiated Emission Test Plot (Peak, maxhold)

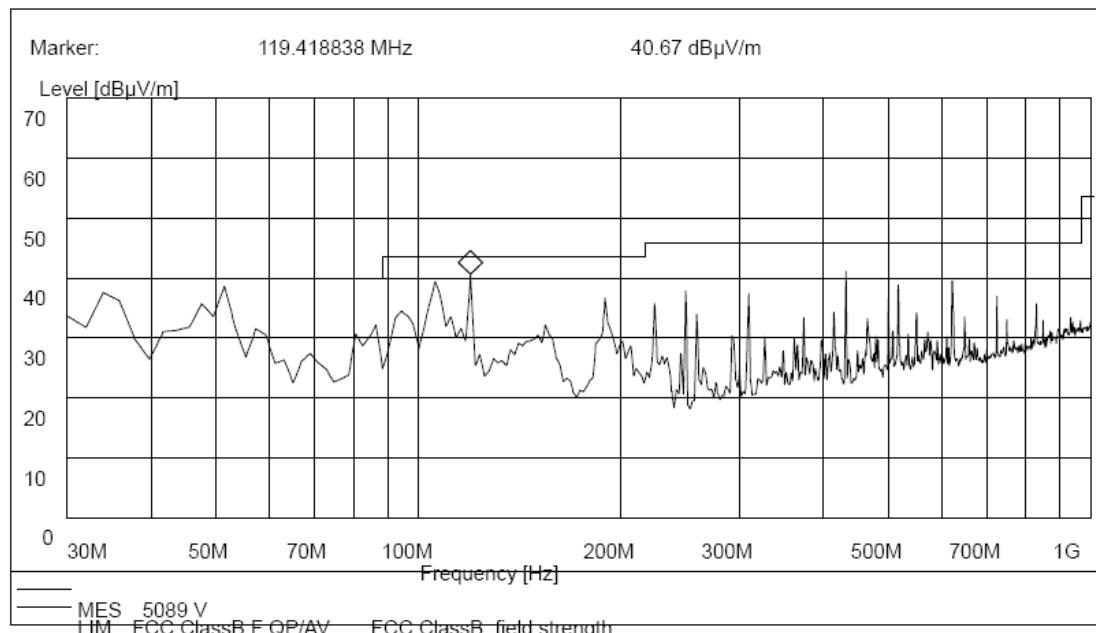


Vertical: Radiated Emission Test Plot (Peak, maxhold)

Mode 2&below 1GHz:

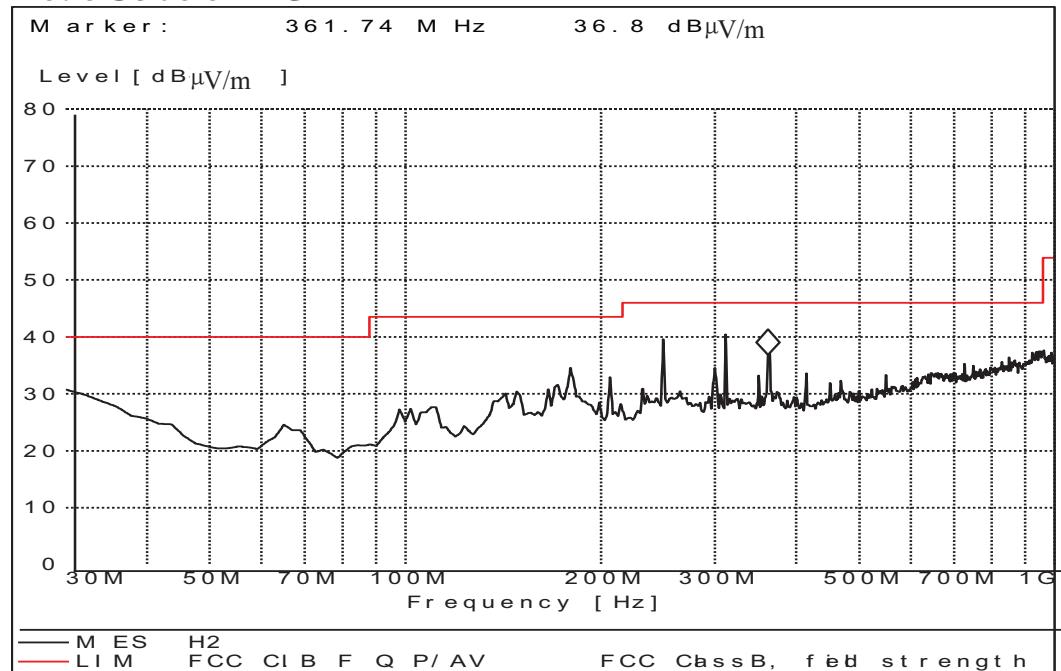


Horizontal: Radiated Emission Test Plot (Peak, maxhold)

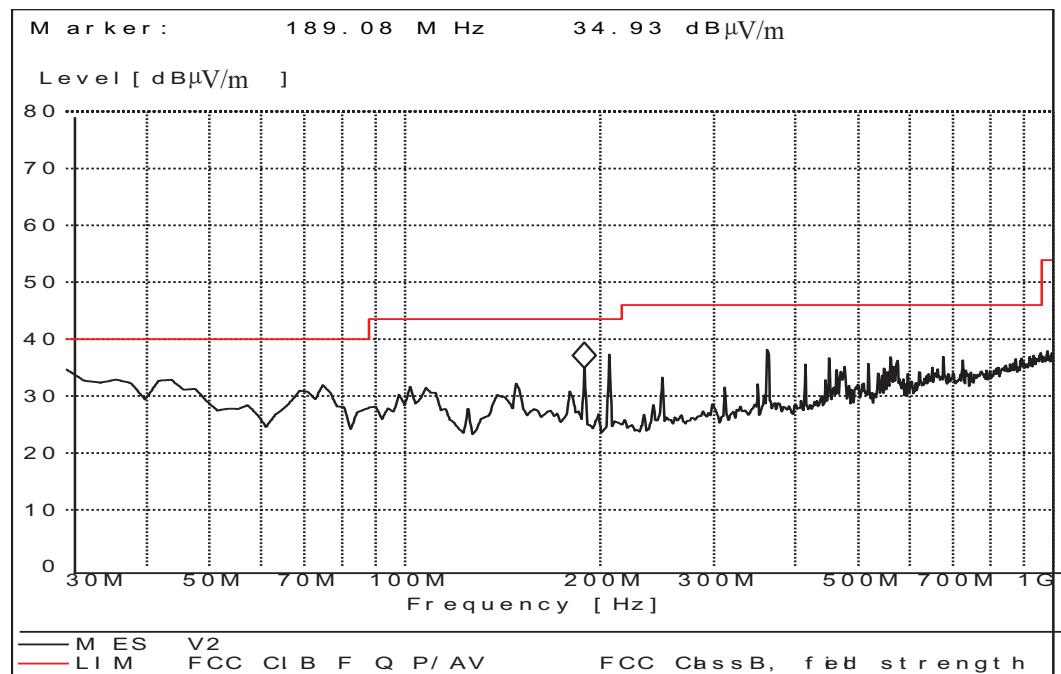


Vertical: Radiated Emission Test Plot (Peak, maxhold)

Mode 3&below 1GHz:

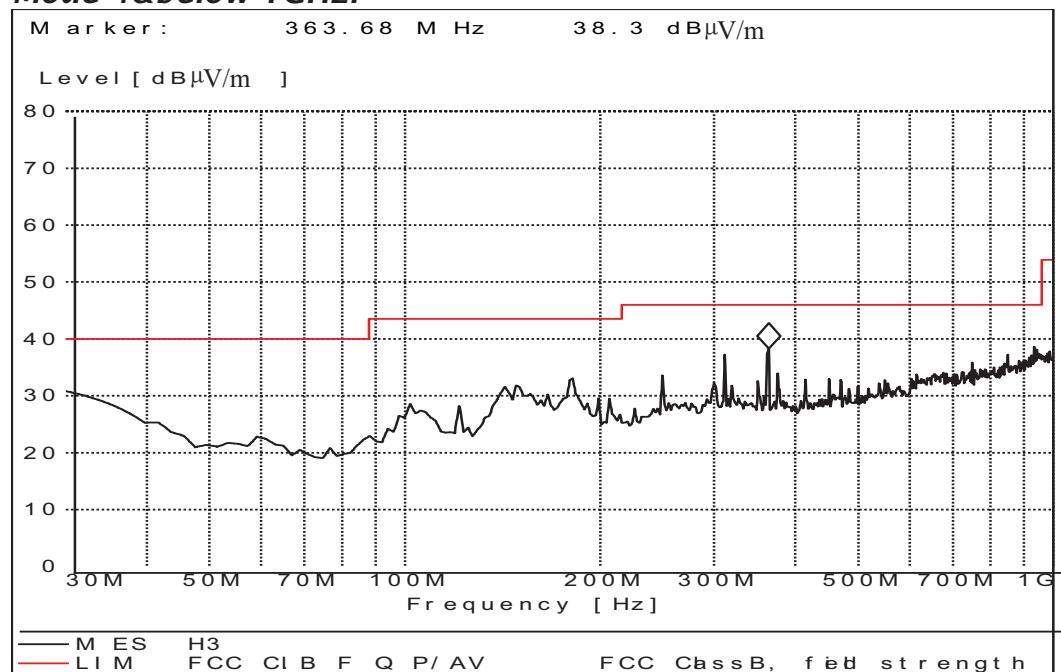


Horizontal: Radiated Emission Test Plot(Peak, maxhold)

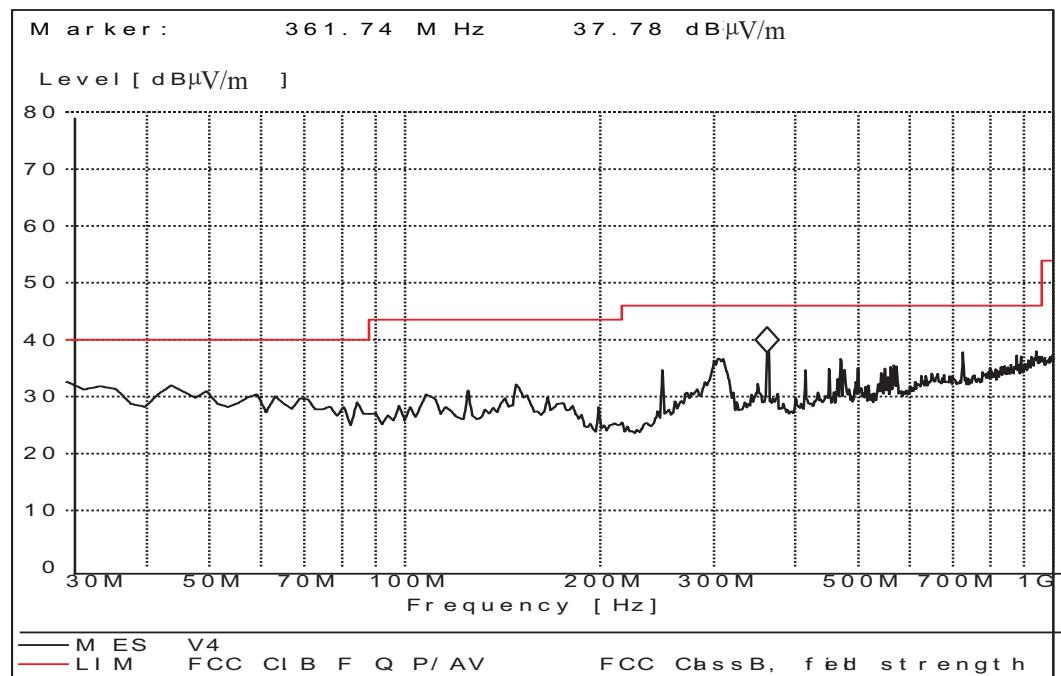


Vertical: Radiated Emission Test Plot(Peak, maxhold)

Mode 4&below 1GHz:

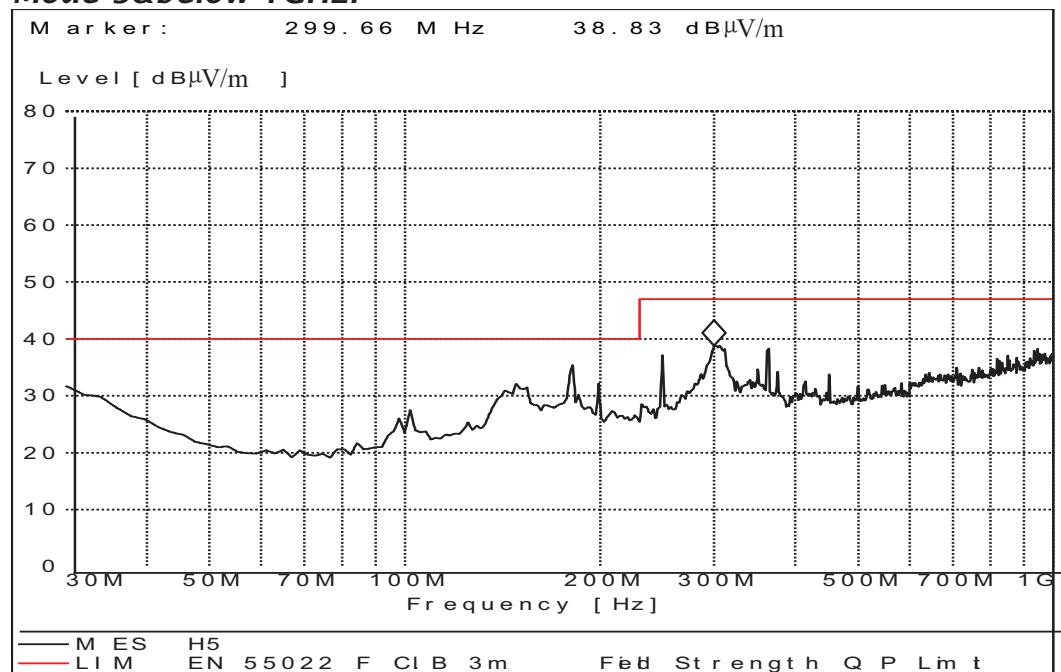


Horizontal: Radiated Emission Test Plot(Peak, maxhold)

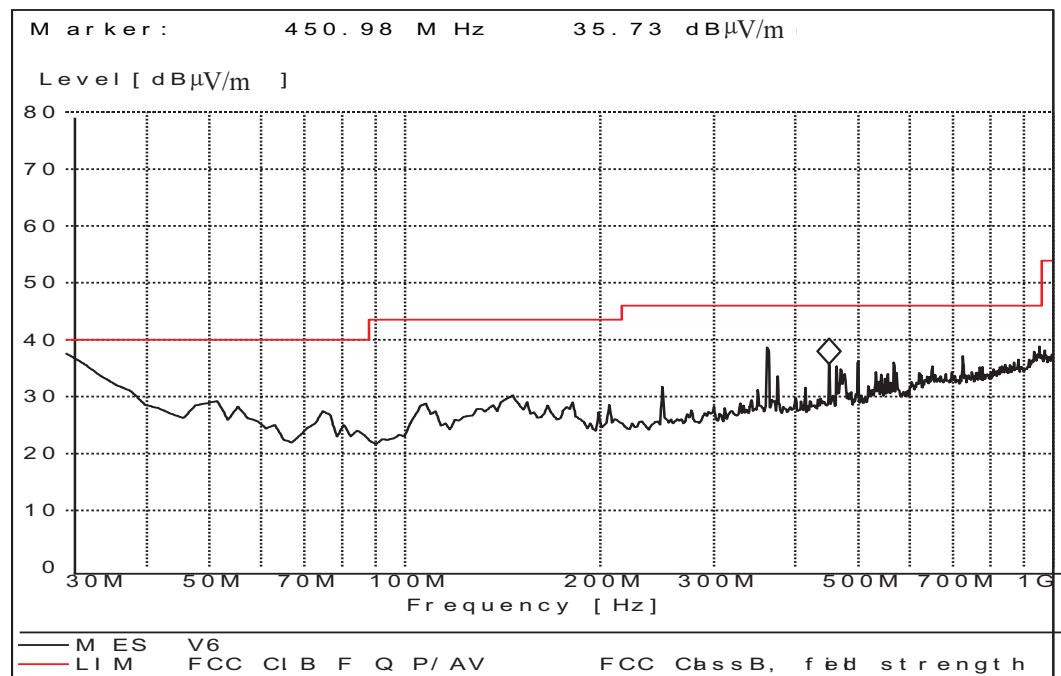


Vertical: Radiated Emission Test Plot(Peak, maxhold)

Mode 5&below 1GHz:

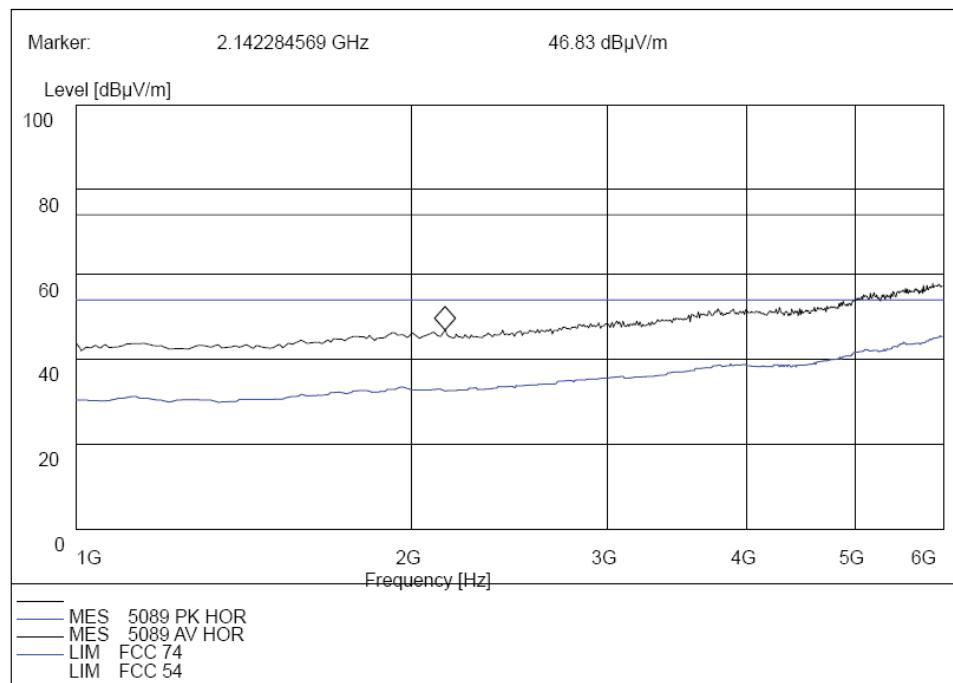


Horizontal: Radiated Emission Test Plot(Peak, maxhold)

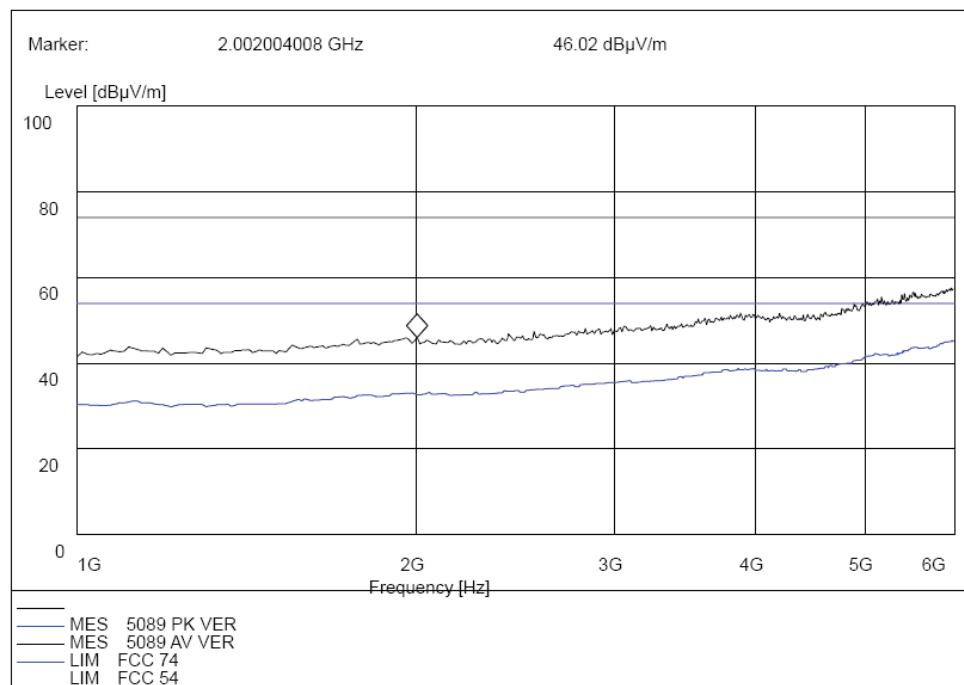


Vertical: Radiated Emission Test Plot(Peak, maxhold)

Mode 1 & Above 1GHz:



Horizontal: Radiated Emission Test Plot



Vertical: Radiated Emission Test Plot

Test Data:**Mode 1&Below 1GHz:**

Frequency (MHz)	Emission Level (dBuV/m)	Reading Level (dBuV/m)	Over Limit (dB)	Limits (dBuV/m)	Factor (dB)	Type
Horizontal						
250.01	43.85	/	-2.15	46	/	QP
414.73	43.72	/	-2.28	46	/	QP
725.75	42.95	/	-3.05	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
Vertical						
47.81	36.24	/	-3.76	40	/	QP
98.51	31.26	/	-12.24	43.5	/	QP
622.09	42.39	/	-3.61	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 60 s sweep time. A video filter was not used.

Mode 2&Below 1GHz:

Frequency (MHz)	Emission Level (dBuV/m)	Reading Level (dBuV/m)	Over Limit (dB)	Limits (dBuV/m)	Factor (dB)	Type
Horizontal						
247.15	38.11	/	-7.89	46	/	QP
412.54	39.89	/	-6.11	46	/	QP
904.54	38.65	/	-7.35	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
Vertical						
33.84	33.27	/	-6.73	40	/	QP
47.74	34.78	/	-5.22	40	/	QP
166.67	36.05	/	-6.95	43.5	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 60 s sweep time. A video filter was not used.

Mode 3&below 1GHz:

Frequency (MHz)	Emission Level (dBuV/m)	Reading Level (dBuV/m)	Over Limit (dB)	Limits (dBuV/m)	Factor (dB)	Type
Horizontal						
249.22	39.59	/	-6.41	46	/	QP
311.30	40.46	/	-5.54	46	/	QP
361.74	36.80	/	-9.20	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
Vertical						
206.54	37.26	/	-6.24	43.5	/	QP
361.74	38.16	/	-7.84	46	/	QP
189.08	34.93	/	-8.57	43.5	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 60 s sweep time. A video filter was not used.

Mode 4&below 1GHz:

Frequency (MHz)	Emission Level (dBuV/m)	Reading Level (dBuV/m)	Over Limit (dB)	Limits (dBuV/m)	Factor (dB)	Type
Horizontal						
181.32	33.04	/	-10.46	43.5	/	QP
311.30	37.21	/	-8.79	46	/	QP
363.68	38.30	/	-7.70	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
Vertical						
30.00	35.05	/	-4.95	40	/	QP
361.74	37.16	/	-8.84	46	/	QP
565.44	39.47	/	-6.53	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 60 s sweep time. A video filter was not used.

Mode 5&below 1GHz:

Frequency (MHz)	Emission Level (dBuV/m)	Reading Level (dBuV/m)	Over Limit (dB)	Limits (dBuV/m)	Factor (dB)	Type
Horizontal						
181.32	35.38	/	-4.62	43.5	/	QP
249.22	37.18	/	-8.82	46	/	QP
299.66	38.83	/	-7.17	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
Vertical						
249.22	36.18	/	-9.82	46	/	QP
305.48	36.39	/	-9.61	46	/	QP
361.74	40.61	/	-5.39	46	/	QP
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 60 s sweep time. A video filter was not used.

Mode 1 was worse case and only reported for above 1GHz:

Mode 1&Above 1GHz:

Frequency (MHz)	Emission Level (dBuV/m)	Reading Level (dBuV/m)	Over Limit (dB)	Limits (dBuV/m)	Factor (dB)	Type
Horizontal						
1000~6000	/	/	<-40	74	/	PK
1000~6000	/	/	<-30	54	/	AV
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
Vertical						
1000~6000	/	/	<-40	74	/	PK
1000~6000	/	/	<-30	54	/	AV
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Note: The limits shown are based on Peak value and Average value detector above 1GHz, the bandwidth of Test Receiver was set at 1MHz above 1GHz.

Test Equipment List:

Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due
EMI Test Receiver	R&S	ESU8	A0805559	2015-06-10	2016-06-09
Ultra-Broadband Antenna	Schwarzbeck	VULB9160	A0805560	2015-06-10	2016-06-09
Broad-Band Horn Antenna	R&S	HF906	/	2015-06-10	2016-06-09
Semi-Anechoic Chamber	Albatross	SAC-10MAC19.6*11.8*8.55m	A0805559	2015-06-10	2017-06-09

Note: All testing were performed using internationally recognized standards. All test instruments were calibrated.

TESTED BY:

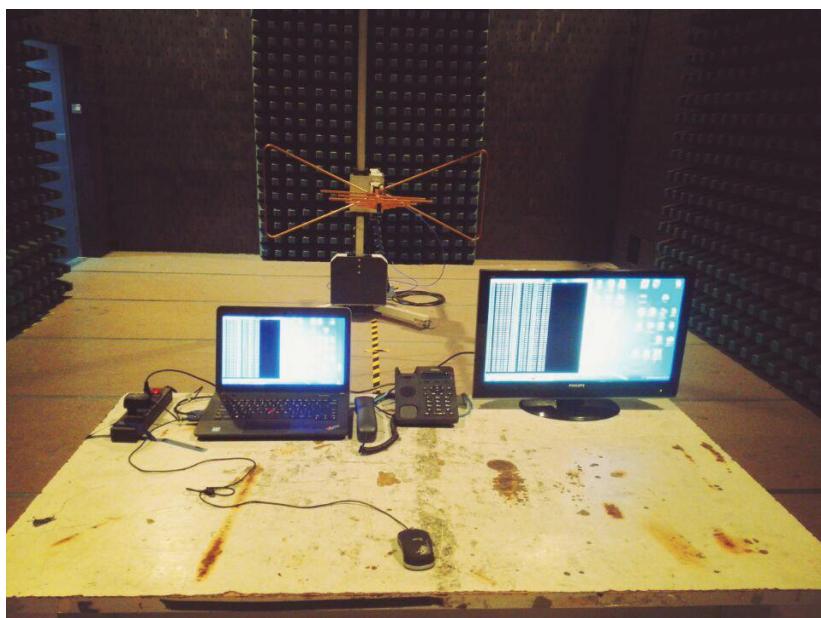


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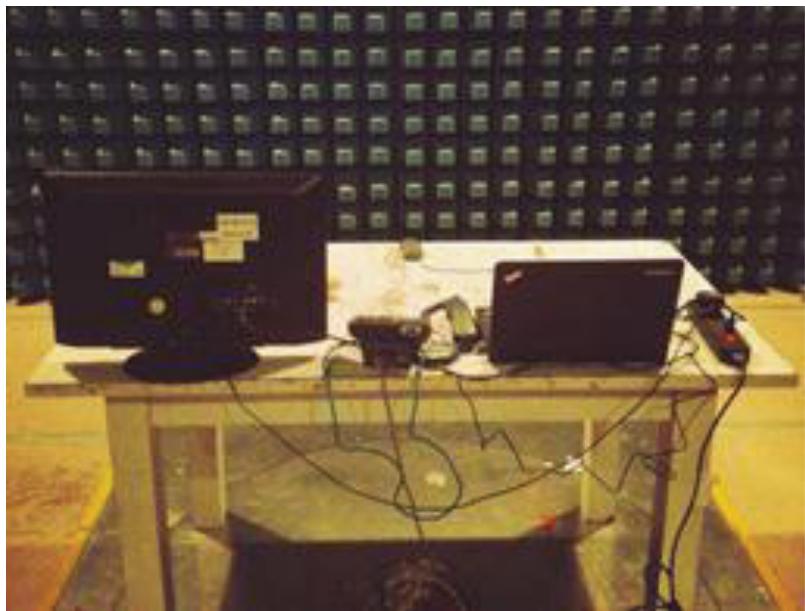
REVIEWED BY:



SENIOR ENGINEER



Radiated Emission Test Set-up (Below 1GHz)



Radiated Emission Test Set-up (Back view)



Radiated Emission Test Set-up (Above 1GHz)

※※※ *End Of Report* ※※※