

4.5. Radiated Emissions Measurement

4.5.1. Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.5.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	1000KHz / 1000KHz for peak

Receiver Parameter	Setting
Attenuation	Auto
Start \sim Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start \sim Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start \sim Stop Frequency	30MHz~1000MHz / RB 120kHz for QP



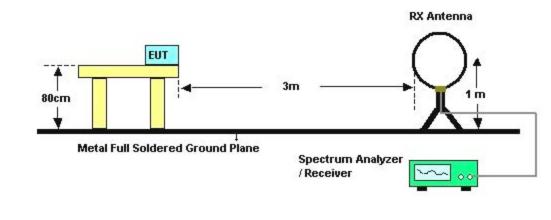
4.5.3. Test Procedures

- 1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 m to 4 m) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
- 8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

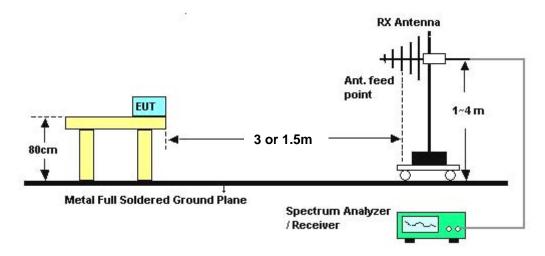


4.5.4. Test Setup Layout

For radiated emissions below 30MHz



For radiated emissions above 30MHz



Above 10 GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

Distance extrapolation factor = 20 log (specific distanc [3m] / test distance [1.5m]) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

4.5.5. Test Deviation

There is no deviation with the original standard.

4.5.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



4.5.7. Results of Radiated Emissions (9kHz~30MHz)

Temperature	18℃	Humidity	63%
Test Engineer	Aric Li	Configurations	Normal Link

Freq.	Level	Over Limit	Limit Line	Remark		
(MHz)	(dBuV)	(dB)	(dBuV)			
-	-	-	-	See Note		

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

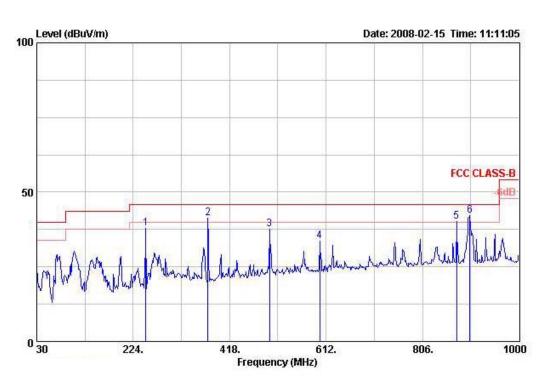
Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.



4.5.8. Results of Radiated Emissions (30MHz~1GHz)

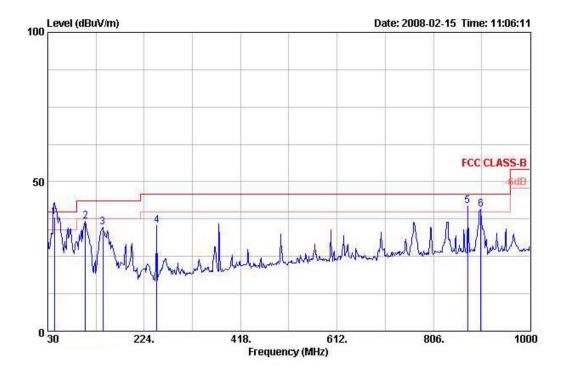
Temperature	18℃	Humidity	63%
Test Engineer	Aric Li	Configurations	Ant. A POE Mode (Horizontal)



			Over	Limit	Read	Antenna	Preamp	Cable		Table	Ant	
	Freq	Level	Limit	Line	Level	Factor	Factor	Loss	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	2	deg	cm	
1	249.220	37.89	-8.11	46.00	51.43	11.56	27.00	1.90	Peak	0	100	HORI ZONTAL
2 !	374.350	41.37	-4.63	46.00	51.75	14.79	27.42	2.25	Peak	254	100	HORI ZONTAL
3	498.510	37.57	-8.43	46.00	45.72	17.24	28.09	2.70	Peak	0	100	HORI ZONTAL
4	599.390	33.53	-12.47	46.00	40.40	18.33	28.10	2.90	Peak	0	100	HORI ZONTAL
5!	874.870	40.22	-5.78	46.00	43.75	20.42	27.45	3.50	Peak	0	100	HORI ZONTAL
6 @	901.060	42.24	-3.76	46.00	45.61	20.43	27.39	3.60	Peak	0	100	HORI ZONTAL







			Over	Limit	Readi	Antenna	Preamp	Cable		Table	Ant	
	Freq	Level	Limit	Line	Level	Factor	Factor	Loss	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	2	deg	cm	3 .
10	43.580	38.20	-1.80	40.00	55.55	9.75	27.80	0.70	QP	46	100	VERTICAL
2	105.660	36.67	-6.83	43.50	52.10	10.94	27.57	1.20	Peak	0	400	VERTICAL
3	140.580	34.85	-8.65	43.50	50.43	10.41	27.39	1.40	Peak	0	400	VERTICAL
4	249.220	35.23	-10.77	46.00	48.77	11.56	27.00	1.90	Peak	0	400	VERTICAL
5 @	874.870	41.80	-4.20	46.00	45.34	20.42	27.45	3.50	Peak	0	400	VERTICAL
6 !	901.060	40.76	-5.24	46.00	44.13	20.43	27.39	3.60	Peak	0	400	VERTICAL

Note:

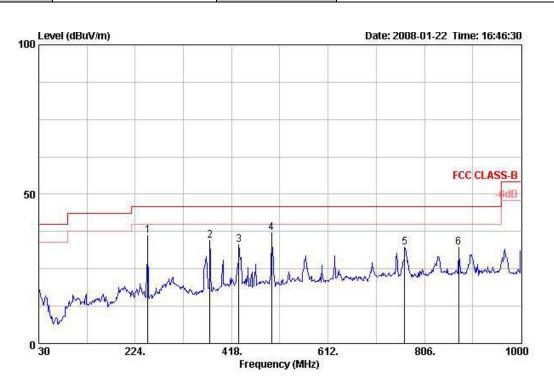
The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = $20 \log Emission level (uV/m)$.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

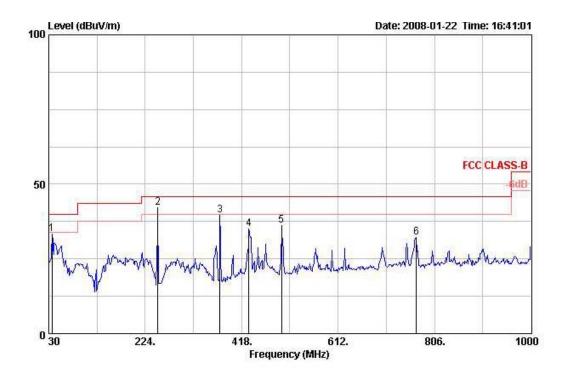


Temperature	18°C	Humidity	63%
Test Engineer	Aric Li	Configurations	Ant. B POE Mode (Horizontal)



			Over	Limit	Read	Antenna	Preamp	Cable		Table	Ant	
	Freq	Level	Limit	Line	Level	Factor	Factor	Loss	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBu∛	dB/m	dB	dB	-	deg	cm	s <u> </u>
1	249.220	36.28	-9.72	46.00	49.82	11.56	27.00	1.90	Peak	0	100	HORI ZONTAL
2	374.350	34.49	-11.51	46.00	44.87	14.79	27.42	2.25	Peak	0	100	HORIZONTAL
3	432.550	32.96	-13.04	46.00	41.86	16.37	27.76	2.50	Peak	0	100	HORIZONTAL
4	498.510	36.98	-9.02	46.00	45.13	17.24	28.09	2.70	Peak	0	100	HORI ZONTAL
5	766.230	32.07	-13.93	46.00	36.50	19.87	27.74	3.43	Peak	0	100	HORIZONTAL
6	874.870	32.11	-13.89	46.00	35.64	20.42	27.45	3.50	Peak	0	100	HORIZONTAL





			Over	Limit	Read	Antenna	Preamp	Cable		Table	Ant	
	Freq	Level	Limit	Line	Level	Factor	Factor	Loss	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	36.790	33.35	-6.65	40.00	46.97	13.60	27.80	0.58	Peak	0	400	VERTICAL
2 @	249.220	42.29	-3.71	46.00	55.83	11.56	27.00	1.90	Peak	135	125	VERTICAL
3	374.350	39.67	-6.33	46.00	50.05	14.79	27.42	2.25	Peak	0	400	VERTICAL
4	432.550	35.10	-10.90	46.00	43.99	16.37	27.76	2.50	Peak	0	400	VERTICAL
5	498.510	36.21	-9.79	46.00	44.36	17.24	28.09	2.70	Peak	0	400	VERTICAL
6	769.140	32.06	-13.94	46.00	36.43	19.93	27.72	3.42	Peak	0	400	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = $20 \log Emission level (uV/m)$.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



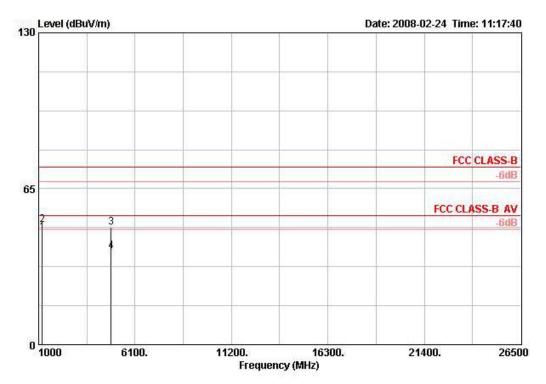
4.5.9. Results for Radiated Emissions (1GHz \sim 10th Harmonic)

Temperature	18℃	Humidity	63%	
Test Engineer	Aric Li	Configurations	Draft n MCS16 20MH: Ant. A POE Mode (Ho	
lorizontal				
	rvel (dBuV/m)		Date: 2	2008-02-24 Time: 11:18:4
_				
7-				
-				FCC CLASS-E
				-6dE
65				FCC CLASS-B AV
1	3			-6dE
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00.	10300
Frequency	(MHz)

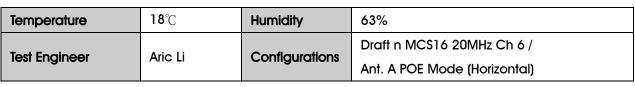
			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBu∀	dB/m	dB	dB	4 <u>0</u>		deg	<u> </u>
1	1199.880	47.46	-26.54	74.00	54.52	24.66	4.00	35.72	PEAK	100	329	HORIZONTAL
2	1199.990	44.57	-9.43	54.00	51.63	24.66	4.00	35.72	AVERAGE	100	329	HORIZONTAL
3	4824.260	46.87	-27.13	74.00	40.81	33.39	7.91	35.25	PEAK	100	41	HORIZONTAL
4	4825.200	34.50	-19.50	54.00	28.44	33.39	7.91	35.25	AVERAGE	100	41	HORIZONTAL

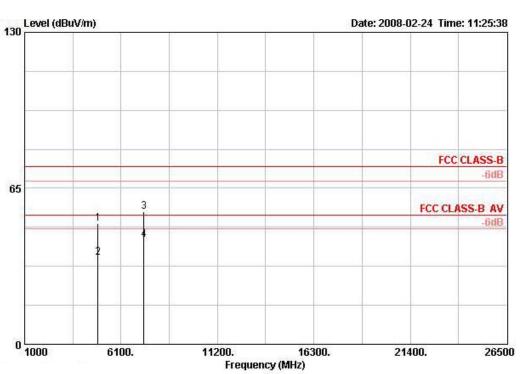




	Freq	Level	Over Limit	1 2 2 2 2 2 3		Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	œBuV/m	dBuV	dB/m	dB	dB	×22		deg	s?
1	1199.990	46.81	-7.19	54.00	53.87	24.66	4.00	35.72	AVERAGE	100	200	VERTICAL
2	1200.110	49.95	-24.05	74.00	57.01	24.66	4.00	35.72	PEAK	100	200	VERTICAL
3	4823.980	49.03	-24.97	74.00	42.98	33.39	7.91	35.25	PEAK	100	19	VERTICAL
4	4825.180	38.84	-15.16	54.00	32.79	33.39	7.91	35.25	AVERAGE	100	19	VERTICAL

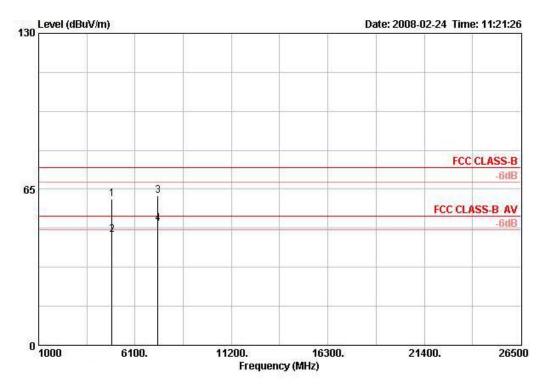






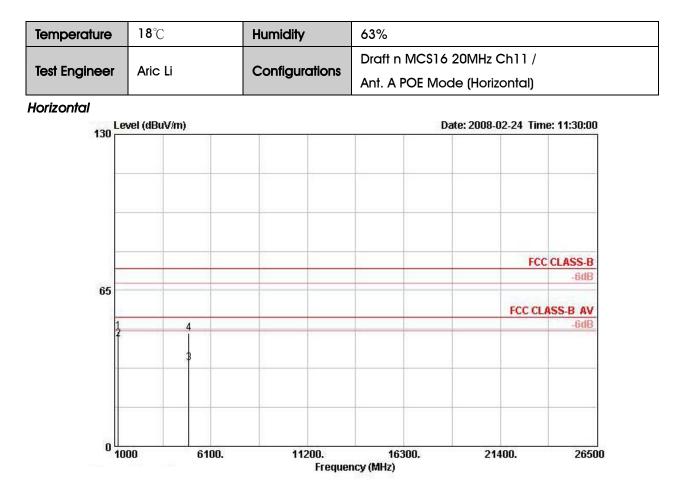
	Freq	Level	Over Limit	1 2 2 2 2 3 3		Antenna Factor		Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBuV	dB/m	dB	dB			deg	· · · · · · · · ·
1	4873.720	50.14	-23.86	74.00	43.94	33.48	7.96	35.25	PEAK	100	338	HORIZONTAL
2	4882.400	36.28	-17.72	54.00	30.08	33.48	7.96	35.25	AVERAGE	100	338	HORIZONTAL
3	7304.360	55.21	-18.79	74.00	44.64	36.50	9.85	35.78	PEAK	100	285	HORIZONTAL
4	7316.600	43.45	-10.55	54.00	32.88	36.52	9.81	35.77	AVERAGE	100	285	HORIZONTAL





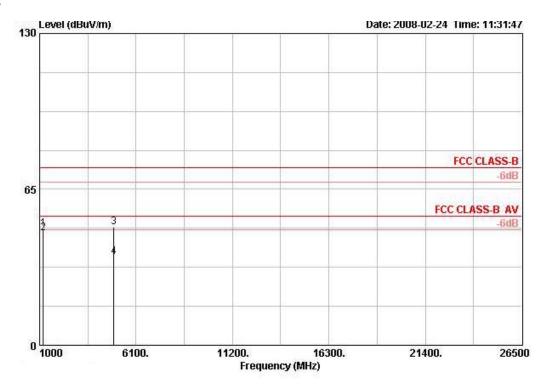
	Freq	Level		Limit Line		Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBuV	dB/m	dB	dB			deg	· · · · · · ·
1	4873.880	61.00	-13.00	74.00	54.80	33.48	7.96	35.25	PEAK	100	17	VERTICAL
2	4874.140	46.11	-7.89	54.00	39.91	33.48	7.96	35.25	AVERAGE	100	17	VERTICAL
3	7308.800	62.39	-11.61	74.00	51.82	36.50	9.85	35.78	PEAK	100	353	VERTICAL
4 !	7313.640	50.61	-3.39	54.00	40.08	36.50	9.81	35.77	AVERAGE	100	353	VERTICAL





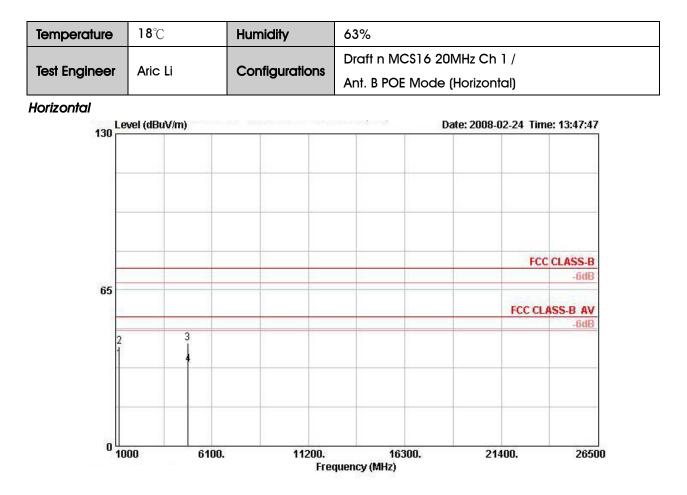
	From	Level		Limit		Antenna Factor	- 10 T N D D D	Preamp	Remark	Ant Pos	Table	Pol/Phase
	IICY	Devet	DINCC	TTHE	Teact	ractor	1033	ractor	Keindi K	ros	105	ror/rnase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	·	Cm	deg	· · · · · · · · ·
1	1199.960	47.92	-26.08	74.00	54.98	24.66	4.00	35.72	PEAK	100	329	HORIZONTAL
2	1200.010	44.72	-9.28	54.00	51.78	24.66	4.00	35.72	AVERAGE	100	329	HORIZONTAL
3	4923.000	34.66	-19.34	54.00	28.32	33.58	8.01	35.24	AVERAGE	100	41	HORIZONTAL
4	4926.600	47.18	-26.82	74.00	40.84	33.58	8.01	35.24	PEAK	100	41	HORIZONTAL





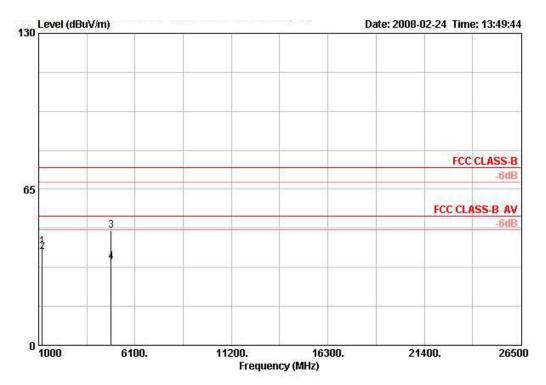
	Freq	Level	Over Limit	State State		Antenna Factor		승규는 것을 많다.		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBuV	dB/m	đB	dB		<u> </u>	deg	
1	1199.940	48.68	-25.32	74.00	55.74	24.66	4.00	35.72	PEAK	100	200	VERTICAL
2	1200.030	46.92	-7.08	54.00	53.98	24.66	4.00	35.72	AVERAGE	100	200	VERTICAL
3	4920.800	49.23	-24.77	74.00	42.89	33.58	8.01	35.24	PEAK	100	18	VERTICAL
4	4922.880	36.89	-17.11	54.00	30.55	33.58	8.01	35.24	AVERAGE	100	18	VERTICAL





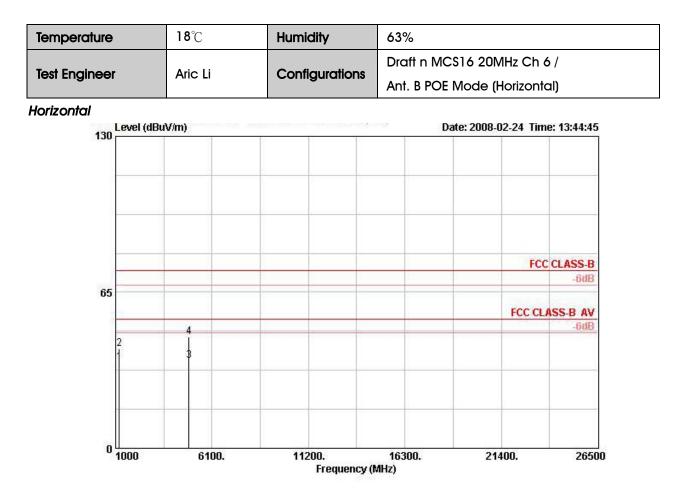
	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	ďBu¥	dB/m	dB	dB			deg	1 <u>0</u>
1	1200.010	36.19	-17.81	54.00	43.25	24.66	4.00	35.72	AVERAGE	135	251	HORIZONTAL
2	1200.150	41.46	-32.54	74.00	48.52	24.66	4.00	35.72	PEAK	135	251	HORIZONTAL
3	4819.460	42.70	-31.30	74.00	36.64	33.39	7.91	35.25	PEAK	100	296	HORIZONTAL
4	4824.000	33.95	-20.05	54.00	27.89	33.39	7.91	35.25	AVERAGE	100	296	HORIZONTAL





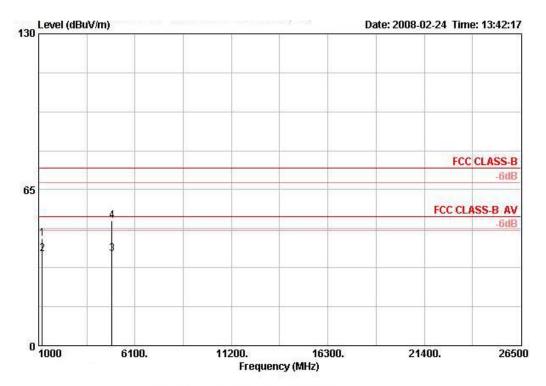
	Freq	Level		Limit Line		Antenna Factor		Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	· · · · · ·		deg	· · · · · · ·
1	1199.980	41.26	-32.74	74.00	48.32	24.66	4.00	35.72	PEAK	100	192	VERTICAL
2 @	1200.050	39.07	-14.93	54.00	46.13	24.66	4.00	35.72	AVERAGE	100	192	VERTICAL
3	4823.920	47.66	-26.34	74.00	41.61	33.39	7.91	35.25	PEAK	100	1	VERTICAL
4	4824.000	34.63	-19.37	54.00	28.57	33.39	7.91	35.25	AVERAGE	100	1	VERTICAL





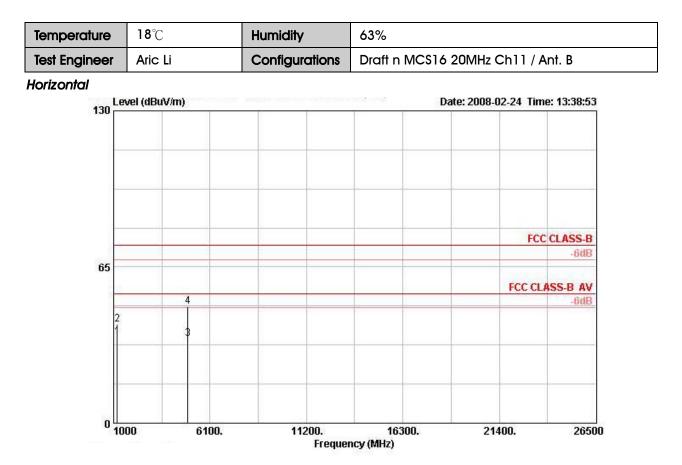
			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBu¥/m	dB	dBuV/m	dBuV	dB/m	dB	dB			deg	<u>6 1</u> 7
1	1199.990	35.77	-18.23	54.00	42.83	24.66	4.00	35.72	AVERAGE	100	244	HORIZONTAL
2	1200.010	41.33	-32.67	74.00	48.39	24.66	4.00	35.72	PEAK	100	244	HORIZONTAL
3	4874.000	36.44	-17.56	54.00	30.24	33.48	7.96	35.25	AVERAGE	154	297	HORIZONTAL
4	4874.000	46.55	-27.45	74.00	40.35	33.48	7.96	35.25	PEAK	154	297	HORIZONTAL





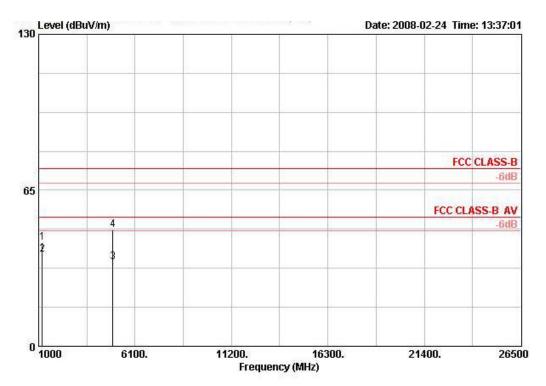
	Freq	Level	Over Limit	1 2 2 2 2 2 3		Antenna Factor		Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	ďBuV	dB/m	dB	dB			deg	5
1	1199.580	44.47	-29.53	74.00	51.53	24.66	4.00	35.72	PEAK	100	175	VERTICAL
2	1200.010	38.31	-15.69	54.00	45.37	24.66	4.00	35.72	AVERAGE	100	175	VERTICAL
3	4874.000	38.31	-15.69	54.00	32.11	33.48	7.96	35.25	AVERAGE	100	18	VERTICAL
4	4874.000	52.24	-21.76	74.00	46.04	33.48	7.96	35.25	PEAK	100	18	VERTICAL





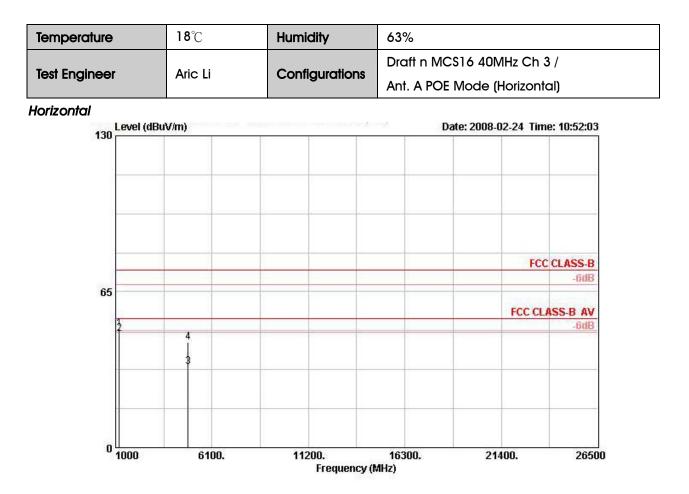
	Freq	Level	Over Limit			Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	<u></u>		deg	. <u> </u>
1	1200.010	35.75	-18.25	54.00	42.81	24.66	4.00	35.72	AVERAGE	100	244	HORIZONTAL
2	1200.020	41.17	-32.83	74.00	48.23	24.66	4.00	35.72	PEAK	100	244	HORIZONTAL
3	4924.000	35.00	-19.00	54.00	28.65	33.58	8.01	35.24	AVERAGE	100	225	HORIZONTAL
4	4924.000	48.46	-25.54	74.00	42.11	33.58	8.01	35.24	PEAK	100	225	HORIZONTAL





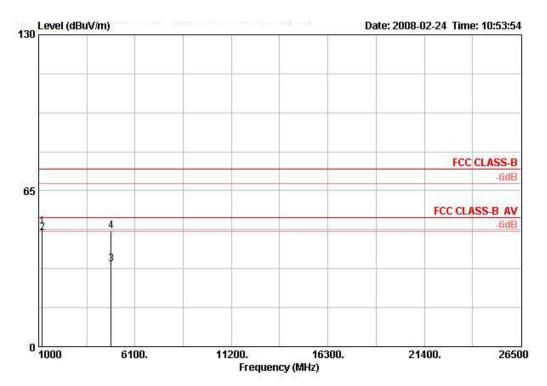
	Freq	Level	Over Limit	1 2 2 2 2 3 3		Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	· · · · · · · · · · · · · · · · · · ·		deg	s <u> </u>
1	1199.970	43.29	-30.71	74.00	50.35	24.66	4.00	35.72	PEAK	100	175	VERTICAL
2	1200.010	38.39	-15.61	54.00	45.45	24.66	4.00	35.72	AVERAGE	100	175	VERTICAL
3	4924.000	35.15	-18.85	54.00	28.80	33.58	8.01	35.24	AVERAGE	100	138	VERTICAL
4	4924.000	48.69	-25.31	74.00	42.34	33.58	8.01	35.24	PEAK	100	138	VERTICAL





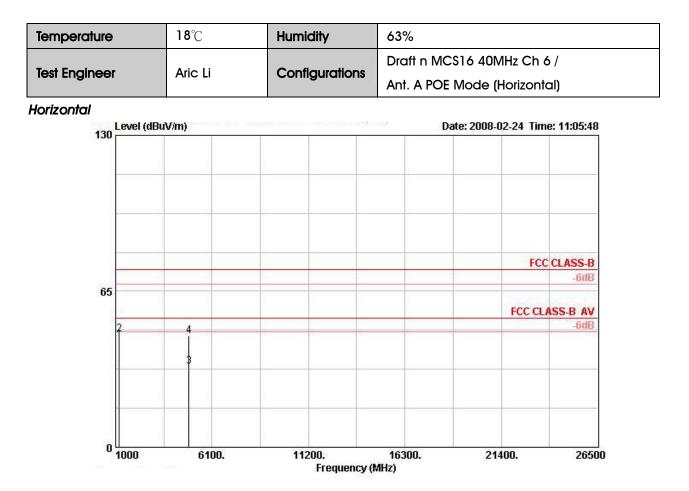
			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	œBuV/m	dƁuV	dB/m	dB	dB			deg	57
1	1199.880	49.66	-24.34	74.00	56.72	24.66	4.00	35.72	PEAK	100	69	HORIZONTAL
2	1200.000	47.61	-6.39	54.00	54.67	24.66	4.00	35.72	AVERAGE	100	69	HORIZONTAL
3	4844.040	33.55	-20.45	54.00	27.44	33.42	7.94	35.25	AVERAGE	100	326	HORIZONTAL
4	4844.040	44.00	-30.00	74.00	37.89	33.42	7.94	35.25	PEAK	100	326	HORIZONTAL





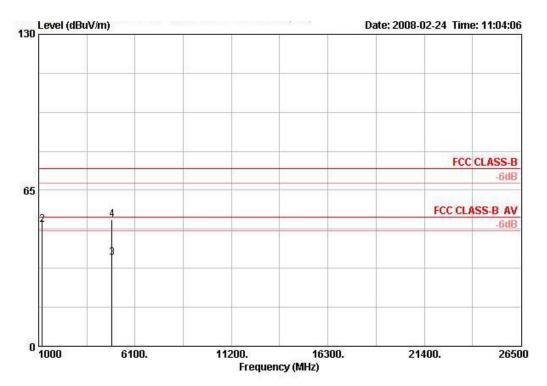
	Freq	Level	Over Limit	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	ďBuV	dB/m	dB	dB	4 <u>0 (</u>		deg	(<u> </u>
1	1199.910	49.79	-24.21	74.00	56.85	24.66	4.00	35.72	PEAK	100	219	VERTICAL
2	1200.010	47.61	-6.39	54.00	54.67	24.66	4.00	35.72	AVERAGE	100	219	VERTICAL
3	4844.040	34.45	-19.55	54.00	28.34	33.42	7.94	35.25	AVERAGE	100	18	VERTICAL
4	4844.200	48.23	-25.77	74.00	42.12	33.42	7.94	35.25	PEAK	100	18	VERTICAL





			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBuV	dB/m	dB	dB			deg	1 <u></u>
1	1200.010	44.73	-9.27	54.00	51.79	24.66	4.00	35.72	AVERAGE	100	329	HORIZONTAL
2	1200.050	47.06	-26.94	74.00	54.12	24.66	4.00	35.72	PEAK	100	329	HORIZONTAL
3	4873.960	33.52	-20.48	54.00	27.32	33.48	7.96	35.25	AVERAGE	100	244	HORIZONTAL
4	4875.000	46.41	-27.59	74.00	40.21	33.48	7.96	35.25	PEAK	100	244	HORIZONTAL

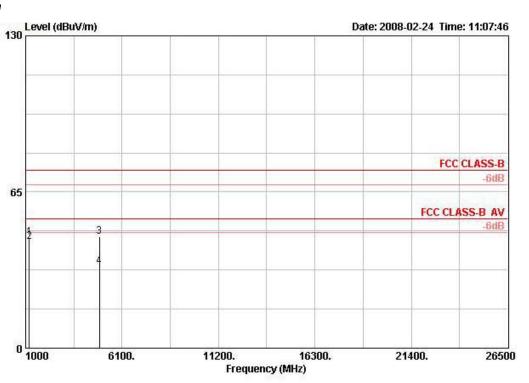




			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>œBuV/m</mark>	dBuV	dB/m	dB	dB	× <u>-</u>		deg	5 <u> </u>
1!	1199.990	48.58	-5.42	54.00	55.64	24.66	4.00	35.72	AVERAGE	100	192	VERTICAL
2	1200.190	50.79	-23.21	74.00	57.85	24.66	4.00	35.72	PEAK	100	192	VERTICAL
3	4873.740	36.84	-17.16	54.00	30.64	33.48	7.96	35.25	AVERAGE	100	28	VERTICAL
4	4874.080	52.90	-21.10	74.00	46.70	33.48	7.96	35.25	PEAK	100	28	VERTICAL

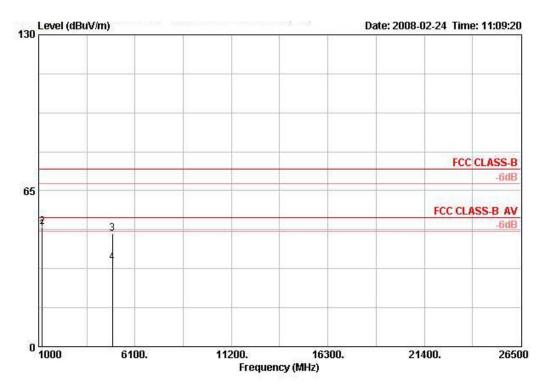


Temperature	1 8 °C	Humidity	63%
Test Engineer	Aric Li	Configurations	Draft n MCS16 40MHz Ch 9 /
Test Engineer		Configurations	Ant. A POE Mode (Horizontal)



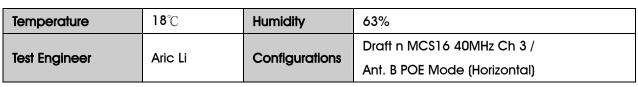
	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	. <u>.</u>		deg	1 <u>0</u>
1	1199.810	46.05	-27.95	74.00	53.10	24.66	4.00	35.72	PEAK	100	332	HORIZONTAL
2	1199.990	44.27	-9.73	54.00	51.33	24.66	4.00	35.72	AVERAGE	100	332	HORIZONTAL
3	4903.080	46.42	-27.58	74.00	40.13	33.54	7.99	35.24	PEAK	100	147	HORIZONTAL
4	4904.020	33.87	-20.13	54.00	27.58	33.54	7.99	35.24	AVERAGE	100	147	HORIZONTAL

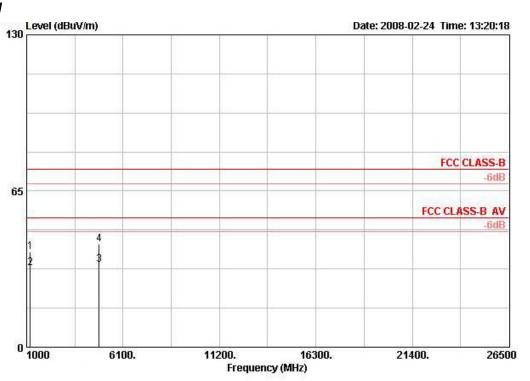




	Freq	Level		Limit Line		Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	4 <u>8</u>		deg	5
1!	1200.010	48.82	-5.18	54.00	55.88	24.66	4.00	35.72	AVERAGE	100	191	VERTICAL
2	1200.080	49.92	-24.08	74.00	56.98	24.66	4.00	35.72	PEAK	100	191	VERTICAL
3	4902.340	47.05	-26.95	74.00	40.76	33.54	7.99	35.24	PEAK	100	18	VERTICAL
4	4902.540	34.95	-19.05	54.00	28.66	33.54	7.99	35.24	AVERAGE	100	18	VERTICAL

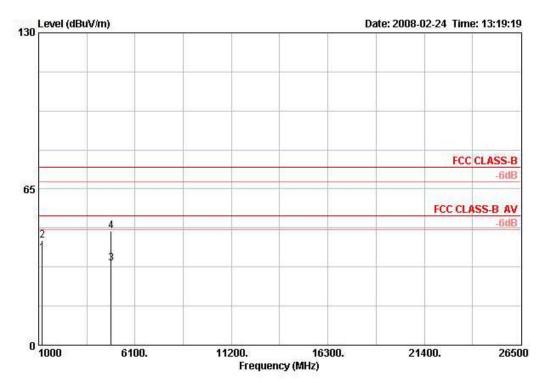






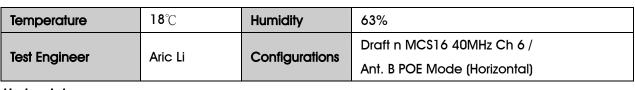
	Freq	Level		Limit Line		Antenna Factor	100 T N T N	Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	 dB/m	dB	dB			deq	
	THE			abur / m	abur	GD7				Call	acy	
1	1199.960	39.79	-34.21	74.00	46.85	24.66	4.00	35.72	PEAK	100	244	HORIZONTAL
2	1200.010	32.99	-21.01	54.00	40.05	24.66	4.00	35.72	AVERAGE	100	244	HORIZONTAL
3	4844.000	34.23	-19.77	54.00	28.12	33.42	7.94	35.25	AVERAGE	100	34	HORIZONTAL
4	4844.000	42.76	-31.24	74.00	36.65	33.42	7.94	35.25	PEAK	100	34	HORIZONTAL

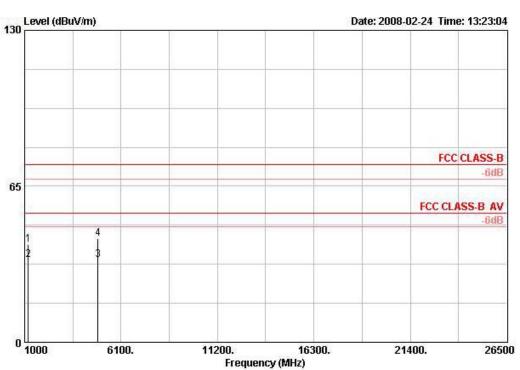




			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBuV	dB/m	dB	dB	. <u></u>		deg	1 <u>.</u>
1	1199.990	38.28	-15.72	54.00	45.34	24.66	4.00	35.72	AVERAGE	100	175	VERTICAL
2	1200.040	43.70	-30.30	74.00	50.76	24.66	4.00	35.72	PEAK	100	175	VERTICAL
3	4844.000	34.13	-19.87	54.00	28.02	33.42	7.94	35.25	AVERAGE	100	283	VERTICAL
4	4844.000	47.56	-26.44	74.00	41.45	33.42	7.94	35.25	PEAK	100	283	VERTICAL

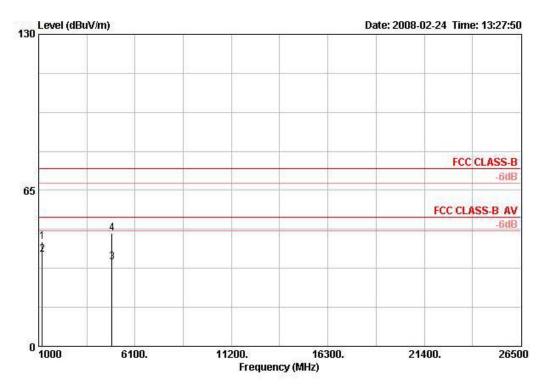






	Freq	Level		Limit Line		Antenna Factor		Preamp Factor		Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			deg	1 <u></u> 7
1	1199.980	40.67	-33.33	74.00	47.73	24.66	4.00	35.72	PEAK	100	244	HORIZONTAL
2	1199.990	34.27	-19.73	54.00	41.33	24.66	4.00	35.72	AVERAGE	100	244	HORIZONTAL
3	4874.000	34.23	-19.77	54.00	28.03	33.48	7.96	35.25	AVERAGE	100	305	HORIZONTAL
4	4874.000	43.37	-30.63	74.00	37.17	33.48	7.96	35.25	PEAK	100	305	HORIZONTAL

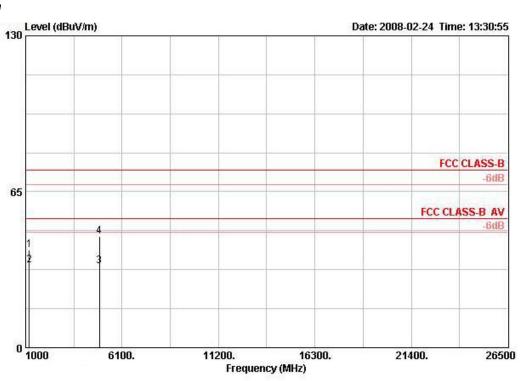




	Freq	Level	Over Limit	<u>1 aaaaa</u>		Antenna Factor		Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dBuV	dB/m	dB	dB			deg	5
1	1199.930	43.40	-30.60	74.00	50.46	24.66	4.00	35.72	PEAK	100	175	VERTICAL
2	1200.010	38.30	-15.70	54.00	45.36	24.66	4.00	35.72	AVERAGE	100	175	VERTICAL
3	4874.000	35.08	-18.92	54.00	28.88	33.48	7.96	35.25	AVERAGE	100	0	VERTICAL
4	4874.000	47.28	-26.72	74.00	41.08	33.48	7.96	35.25	PEAK	100	0	VERTICAL

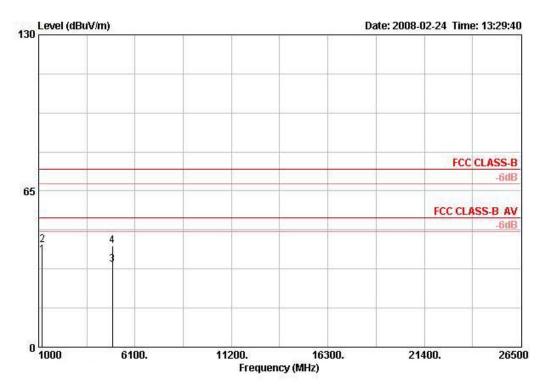


Temperature	1 8 °C	Humidity	63%
Tost Engineer	Aric Li	Configurations	Draft n MCS16 40MHz Ch 9 /
Test Engineer		Configurations	Ant. B POE Mode (Horizontal)



			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	<mark>dBuV/m</mark>	dƁuV	dB/m	dB	dB			deg	<u>6</u>
1	1199.960	40.89	-33.11	74.00	47.95	24.66	4.00	35.72	PEAK	100	244	HORIZONTAL
2	1200.010	34.39	-19.61	54.00	41.45	24.66	4.00	35.72	AVERAGE	100	244	HORIZONTAL
3	4904.000	34.08	-19.92	54.00	27.79	33.54	7.99	35.24	AVERAGE	100	32	HORIZONTAL
4	4904.000	46.57	-27.43	74.00	40.28	33.54	7.99	35.24	PEAK	100	32	HORIZONTAL





			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	. <u> </u>		deg	
1	1200.010	38.30	-15.70	54.00	45.36	24.66	4.00	35.72	AVERAGE	100	175	VERTICAL
2	1200.400	42.41	-31.59	74.00	49.47	24.66	4.00	35.72	PEAK	100	175	VERTICAL
3	4904.000	34.23	-19.77	54.00	27.94	33.54	7.99	35.24	AVERAGE	100	360	VERTICAL
4	4904.000	42.14	-31.86	74.00	35.85	33.54	7.99	35.24	PEAK	100	360	VERTICAL