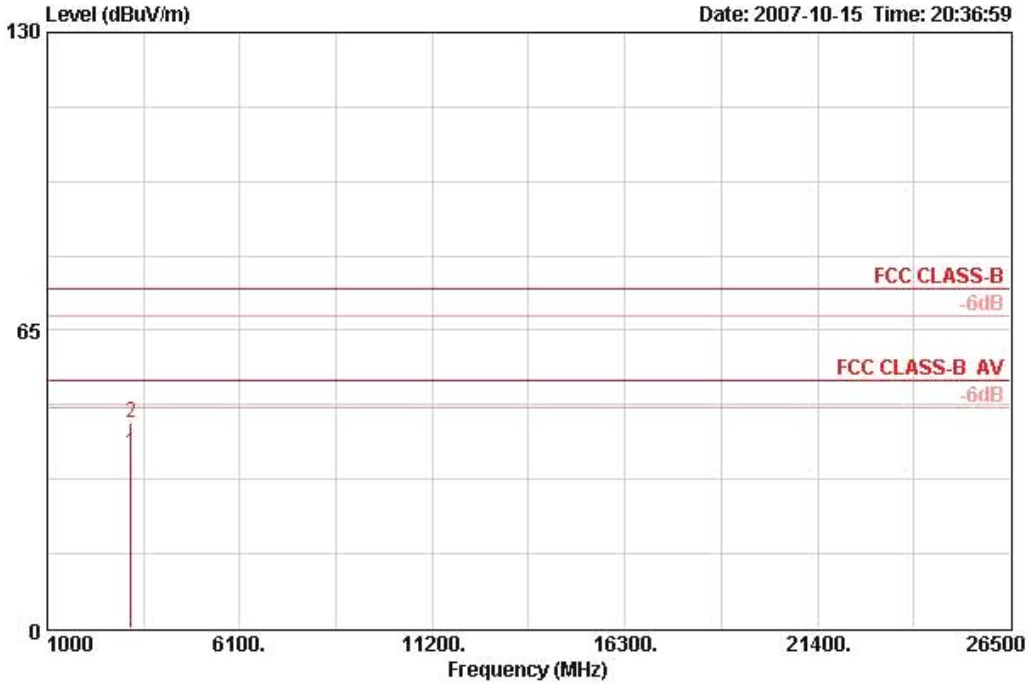
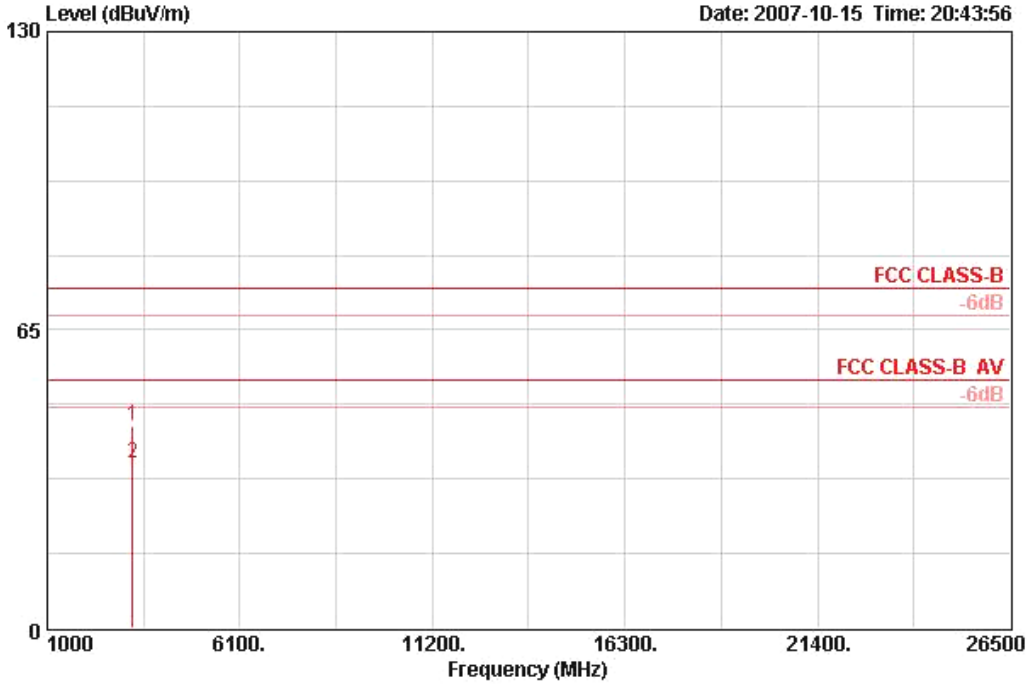
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3216.000	38.08	-15.92	54.00	AVERAGE	VERTICAL	3	39.57	30.00	3.63	35.12
2	3216.200	44.76	-29.24	74.00	PEAK	VERTICAL	3	46.25	30.00	3.63	35.12

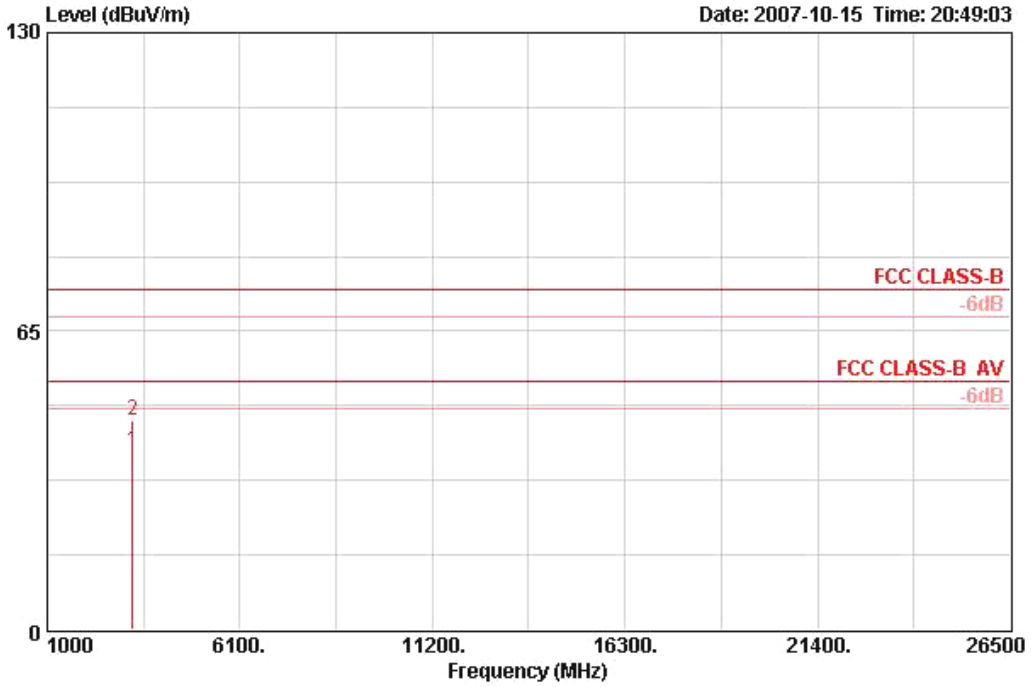
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 6 Ant. B-1/ Mode 2

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.000	44.21	-29.79	74.00	PEAK	HORIZONTAL	3	45.69	30.00	3.64	35.12
2	3249.260	36.00	-18.00	54.00	AVERAGE	HORIZONTAL	3	37.48	30.00	3.64	35.12

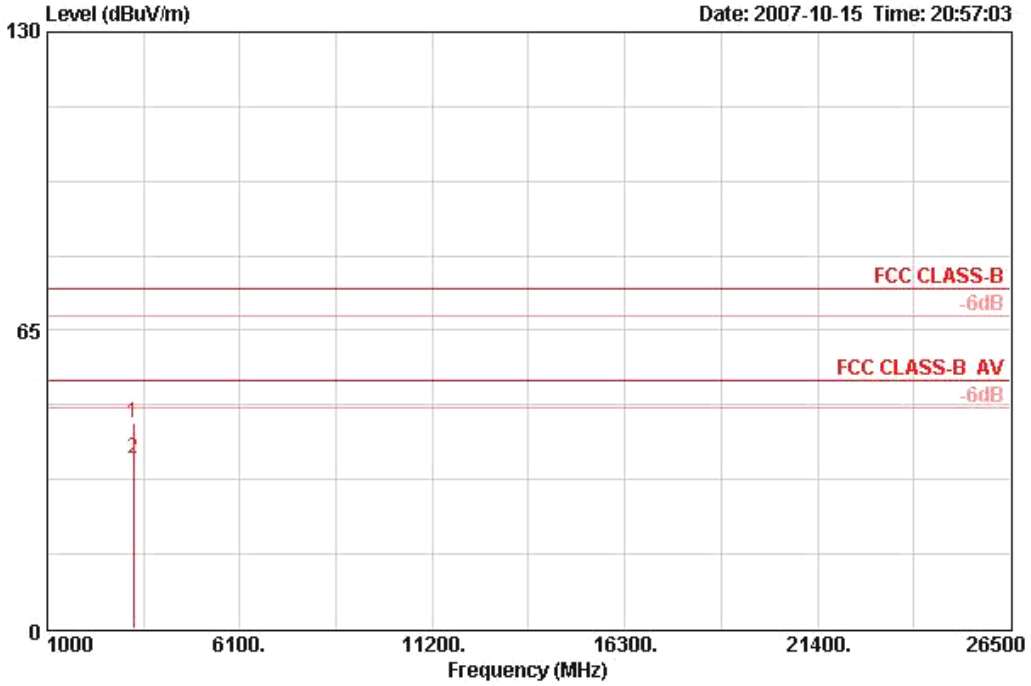
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.280	38.74	-15.26	54.00	AVERAGE	VERTICAL	3	40.22	30.00	3.64	35.12
2	3249.400	45.70	-28.30	74.00	PEAK	VERTICAL	3	47.18	30.00	3.64	35.12

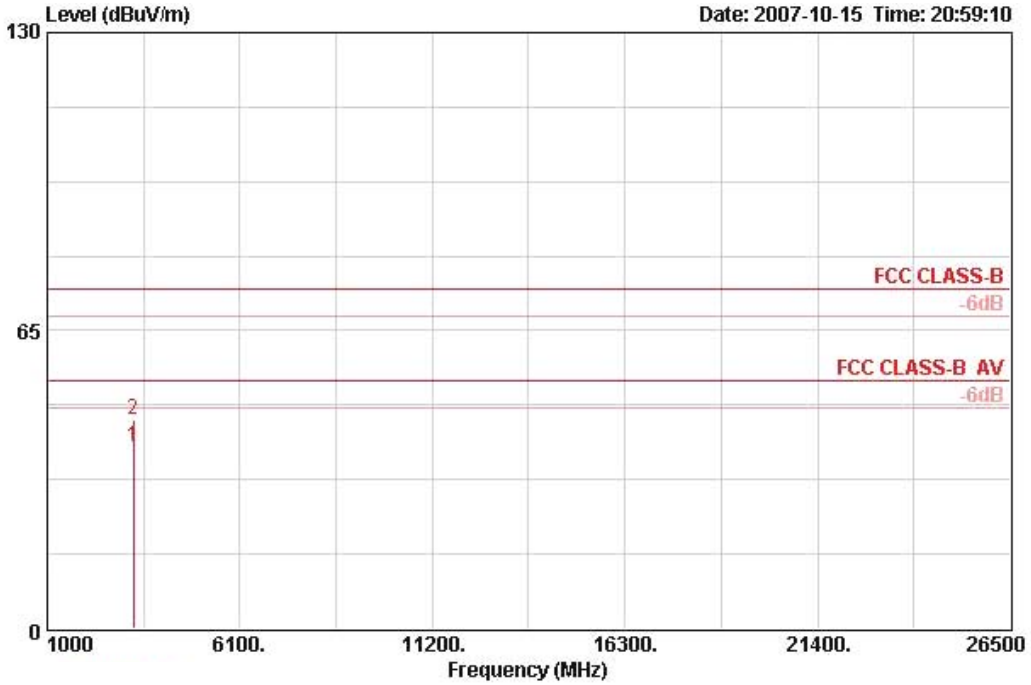
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch11 Ant. B-1/ Mode 2

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3282.650	44.68	-29.32	74.00	PEAK	HORIZONTAL	3	46.15	30.00	3.66	35.12
2	3282.690	37.09	-16.91	54.00	AVERAGE	HORIZONTAL	3	38.55	30.00	3.66	35.12

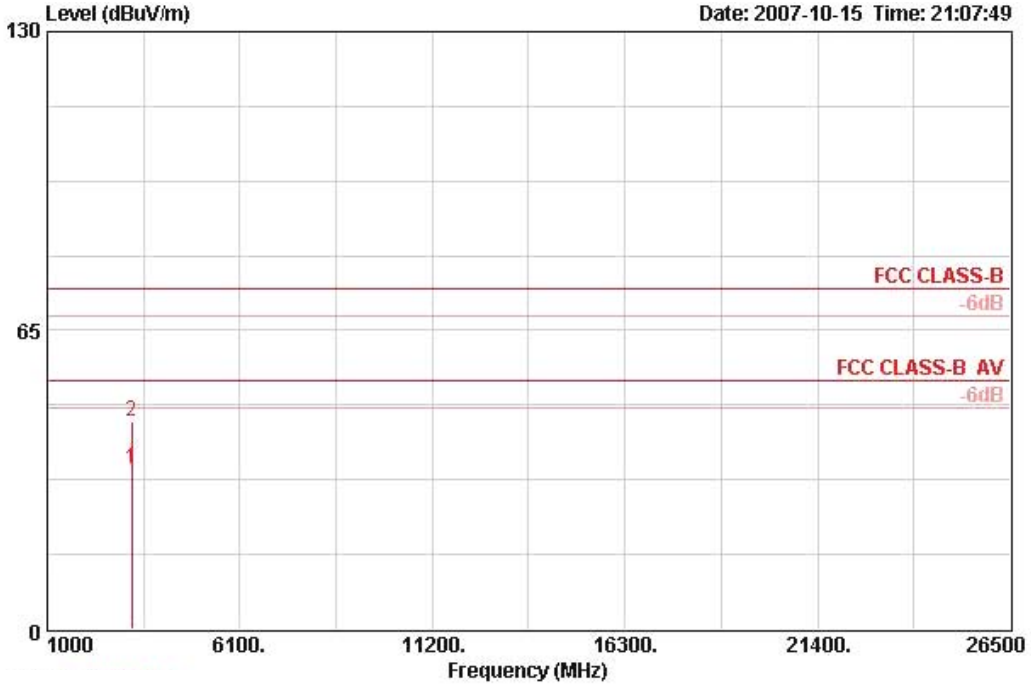
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3282.650	39.72	-14.28	54.00	AVERAGE	VERTICAL	3	41.19	30.00	3.66	35.12
2	3282.860	45.66	-28.34	74.00	PEAK	VERTICAL	3	47.12	30.00	3.66	35.12

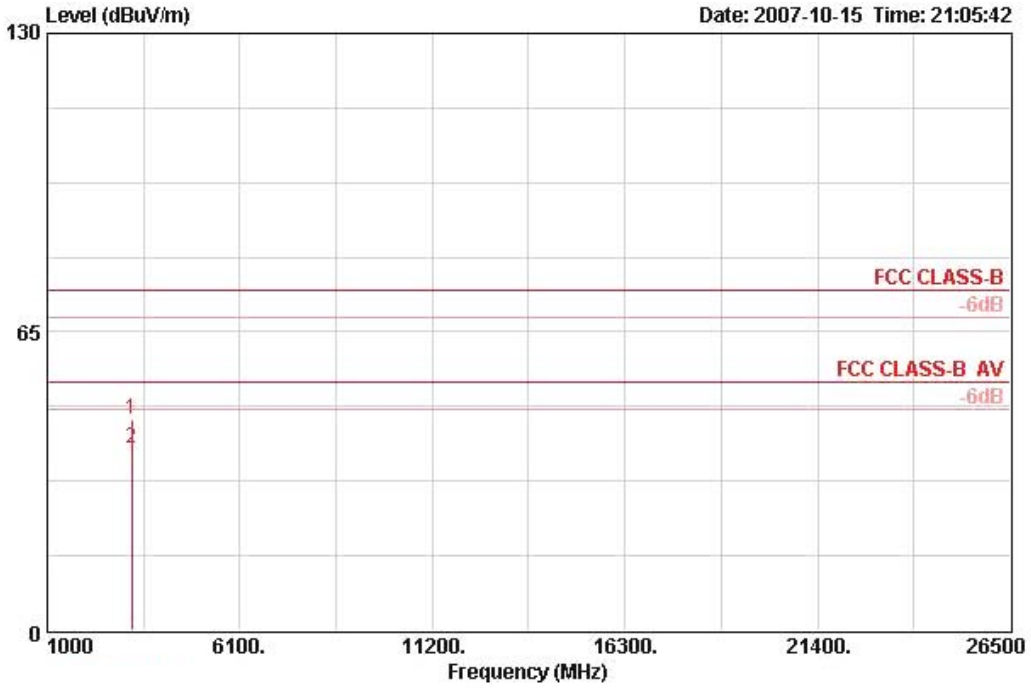
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3 Ant. B-1/ Mode 2

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3229.340	34.96	-19.04	54.00	AVERAGE	HORIZONTAL	3	36.28	30.00	3.79	35.12
2	3229.440	45.28	-28.72	74.00	PEAK	HORIZONTAL	3	46.61	30.00	3.79	35.12

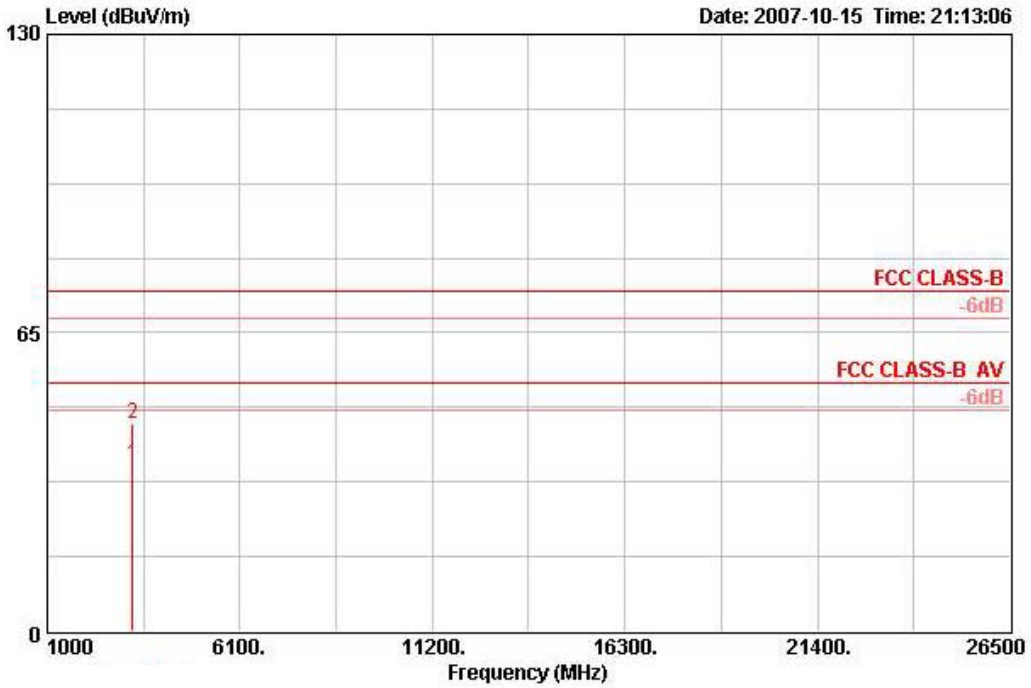
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3229.120	45.92	-28.08	74.00	PEAK	VERTICAL	3	47.41	30.00	3.63	35.12
2	3229.320	39.56	-14.44	54.00	AVERAGE	VERTICAL	3	41.05	30.00	3.63	35.12

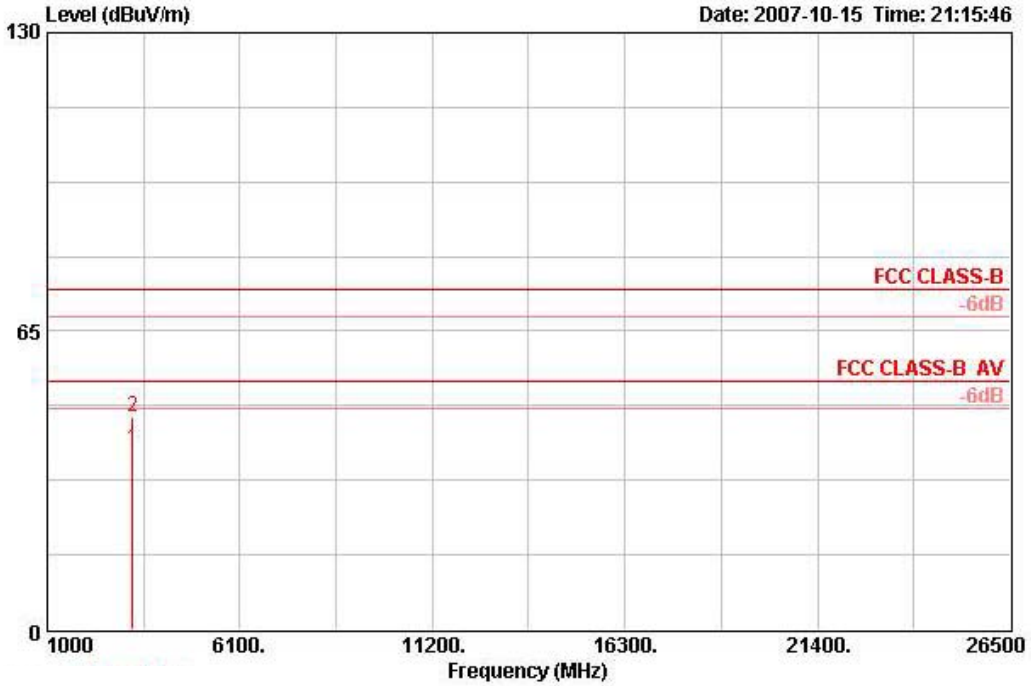
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 6 Ant. B-1/ Mode 2

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.270	36.26	-17.74	54.00	AVERAGE	HORIZONTAL	3	37.57	30.00	3.81	35.12
2	3249.500	45.09	-28.91	74.00	PEAK	HORIZONTAL	3	46.40	30.00	3.81	35.12

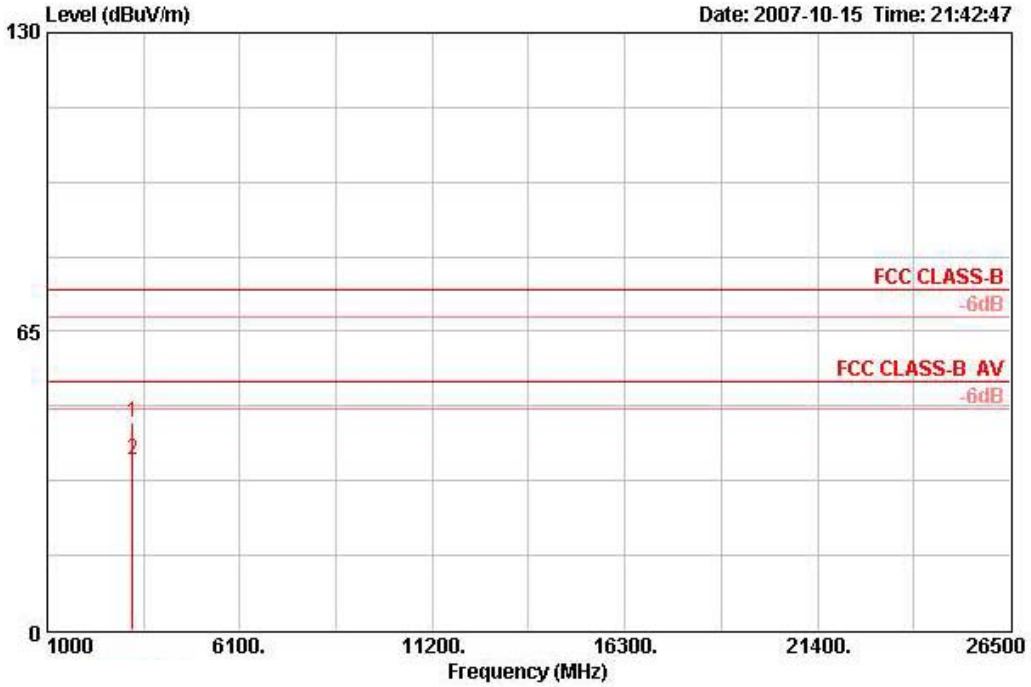
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.270	39.30	-14.70	54.00	AVERAGE	VERTICAL	3	40.61	30.00	3.81	35.12
2	3249.500	46.43	-27.57	74.00	PEAK	VERTICAL	3	47.74	30.00	3.81	35.12

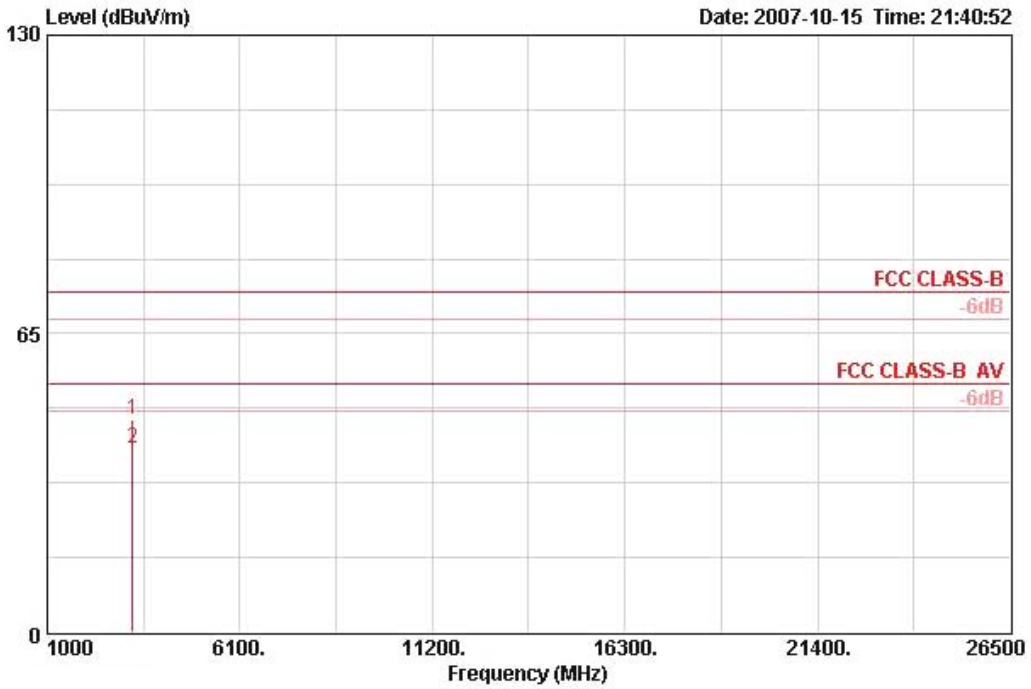
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 9 Ant. B-1/ Mode 2

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3268.880	45.25	-28.75	74.00	PEAK	HORIZONTAL	3	46.56	30.00	3.82	35.12
2	3269.320	37.06	-16.94	54.00	AVERAGE	HORIZONTAL	3	38.37	30.00	3.82	35.12

Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3269.240	46.32	-27.68	74.00	PEAK	VERTICAL	3	47.63	30.00	3.82	35.12
2	3269.360	40.01	-13.99	54.00	AVERAGE	VERTICAL	3	41.31	30.00	3.82	35.12

Note:

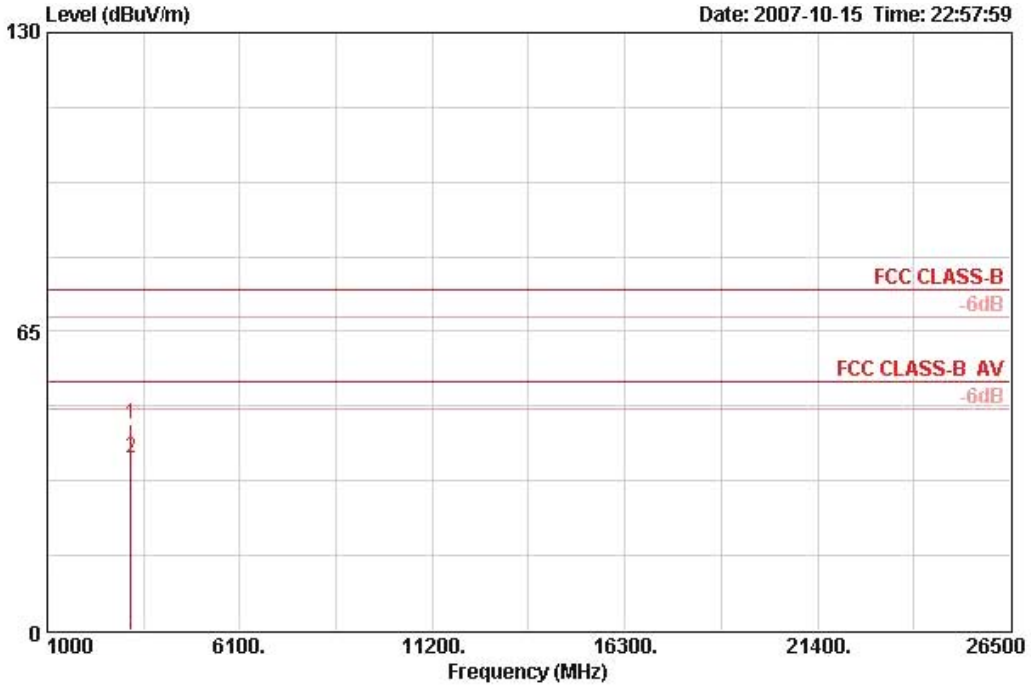
The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

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

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

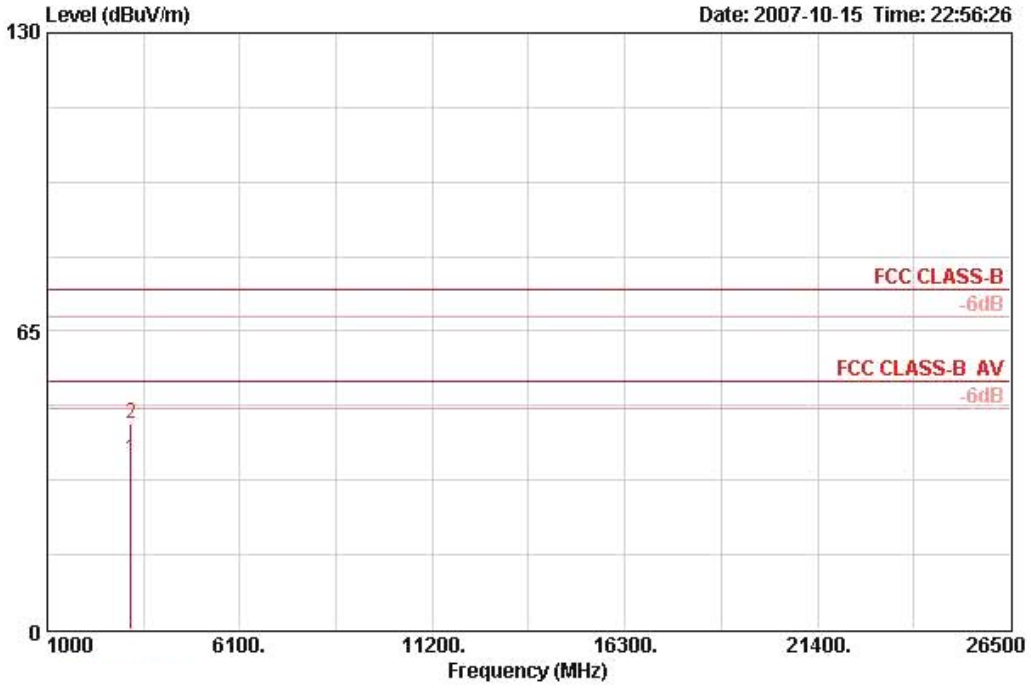
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 1 Ant. C-1 / Mode 3

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3215.960	44.98	-29.02	74.00	PEAK	HORIZONTAL	3	46.31	30.00	3.79	35.12
2	3216.000	37.33	-16.67	54.00	AVERAGE	HORIZONTAL	3	38.66	30.00	3.79	35.12

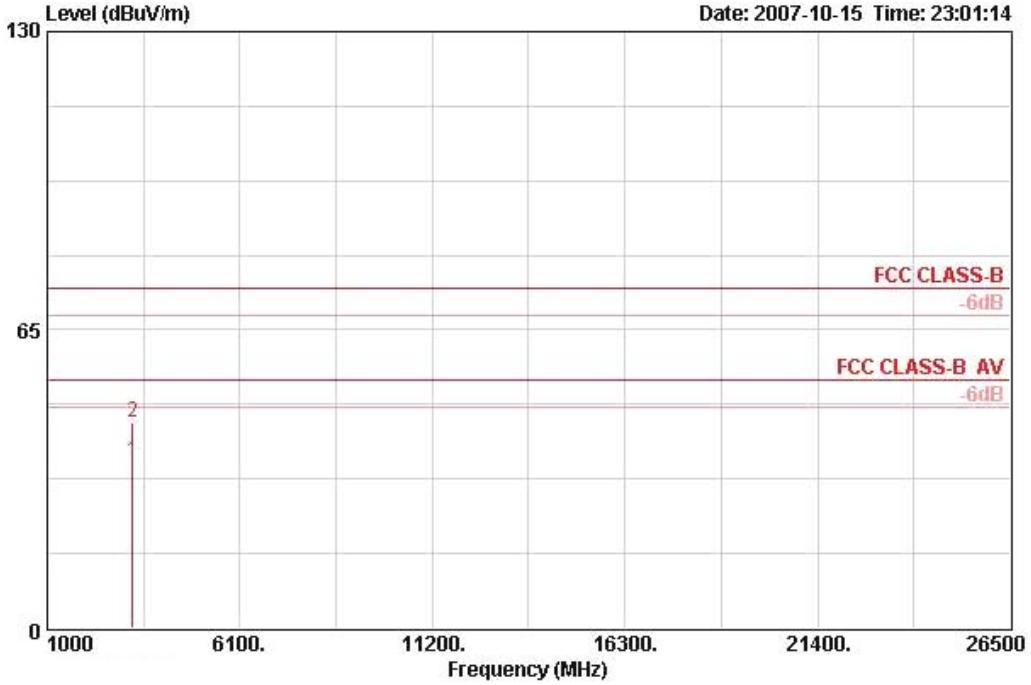
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3216.020	37.17	-16.83	54.00	AVERAGE	VERTICAL	3	38.49	30.00	3.79	35.12
2	3216.220	44.70	-29.30	74.00	PEAK	VERTICAL	3	46.02	30.00	3.79	35.12

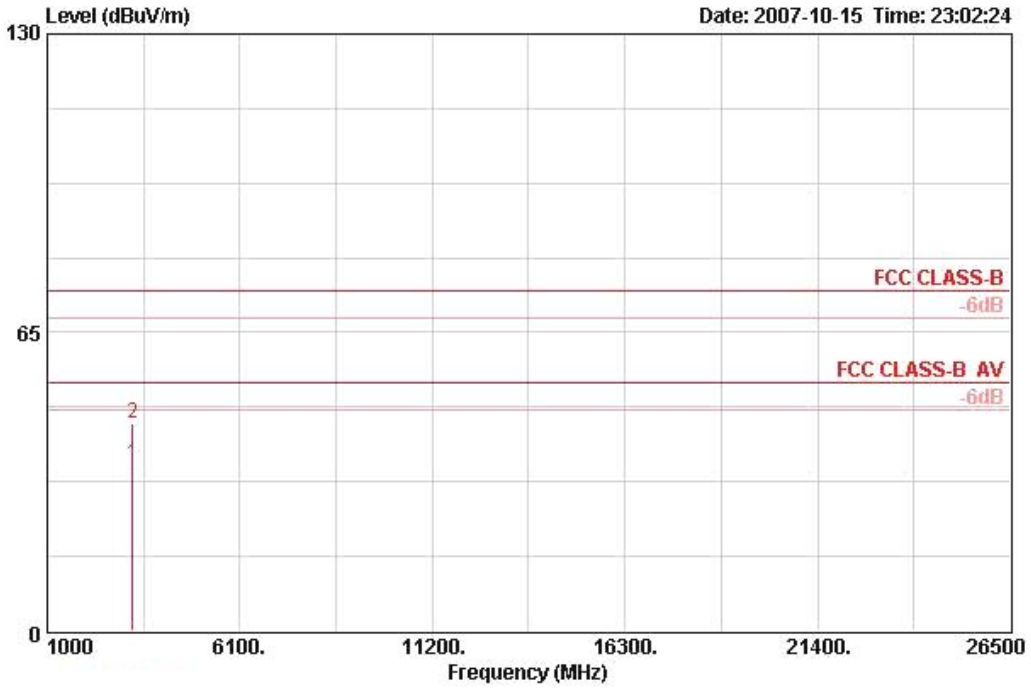
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 6 Ant. C-1/ Mode 3

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.280	36.34	-17.66	54.00	AVERAGE	HORIZONTAL	3	37.65	30.00	3.81	35.12
2	3249.400	44.96	-29.04	74.00	PEAK	HORIZONTAL	3	46.27	30.00	3.81	35.12

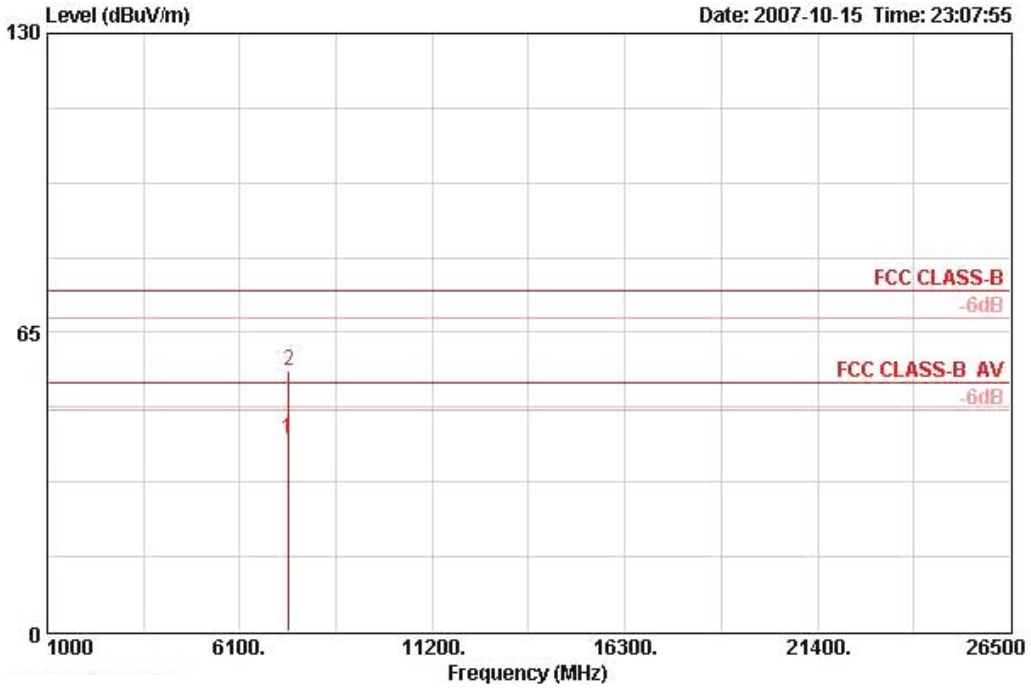
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.260	36.41	-17.59	54.00	AVERAGE	VERTICAL	3	37.72	30.00	3.81	35.12
2	3249.280	45.28	-28.72	74.00	PEAK	VERTICAL	3	46.60	30.00	3.81	35.12

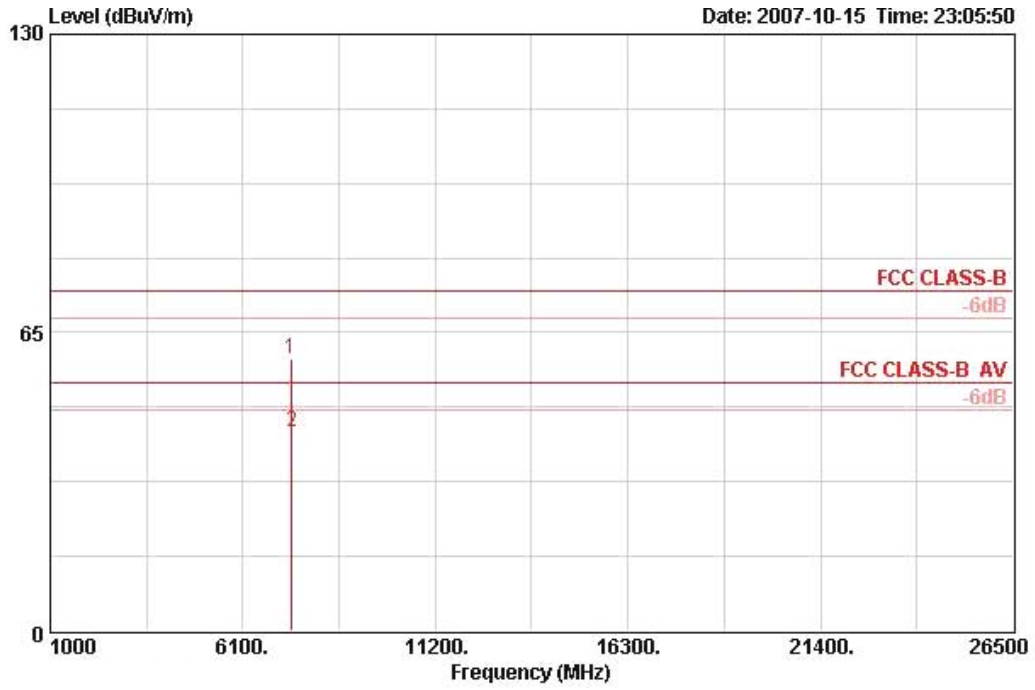
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch11 Ant. C-1/ Mode 3

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	7384.200	41.96	-12.04	54.00	AVERAGE	HORIZONTAL	3	35.22	36.09	5.81	35.17
2	7389.000	56.60	-17.40	74.00	PEAK	HORIZONTAL	3	49.85	36.09	5.82	35.16

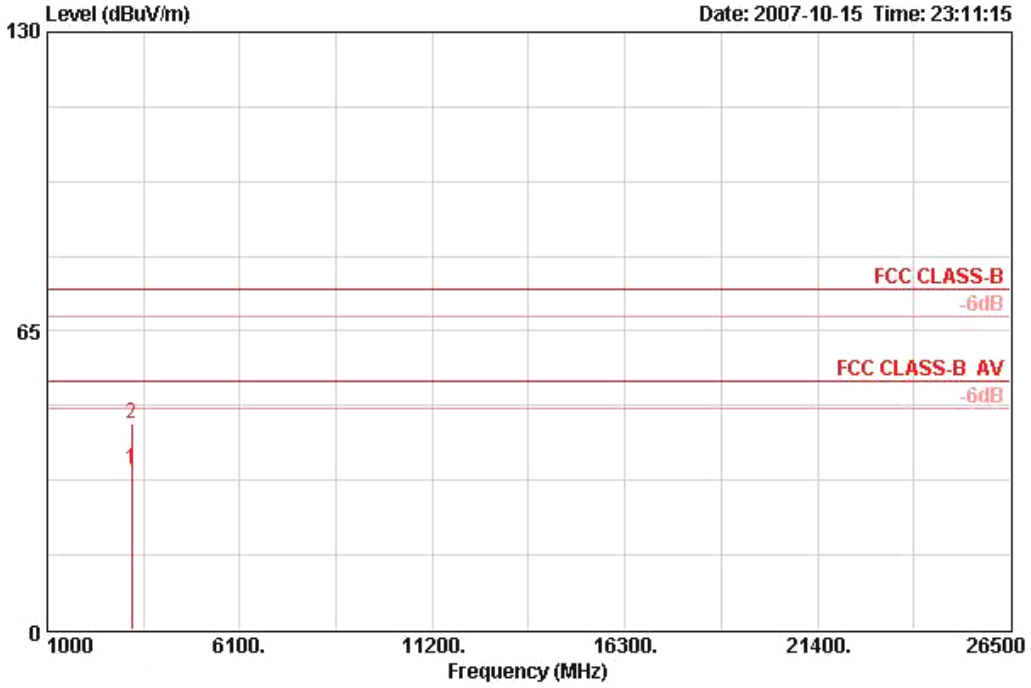
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	7384.800	59.18	-14.82	74.00	PEAK	VERTICAL	3	52.45	36.09	5.81	35.17
2	7386.600	43.42	-10.58	54.00	AVERAGE	VERTICAL	3	36.69	36.09	5.81	35.17

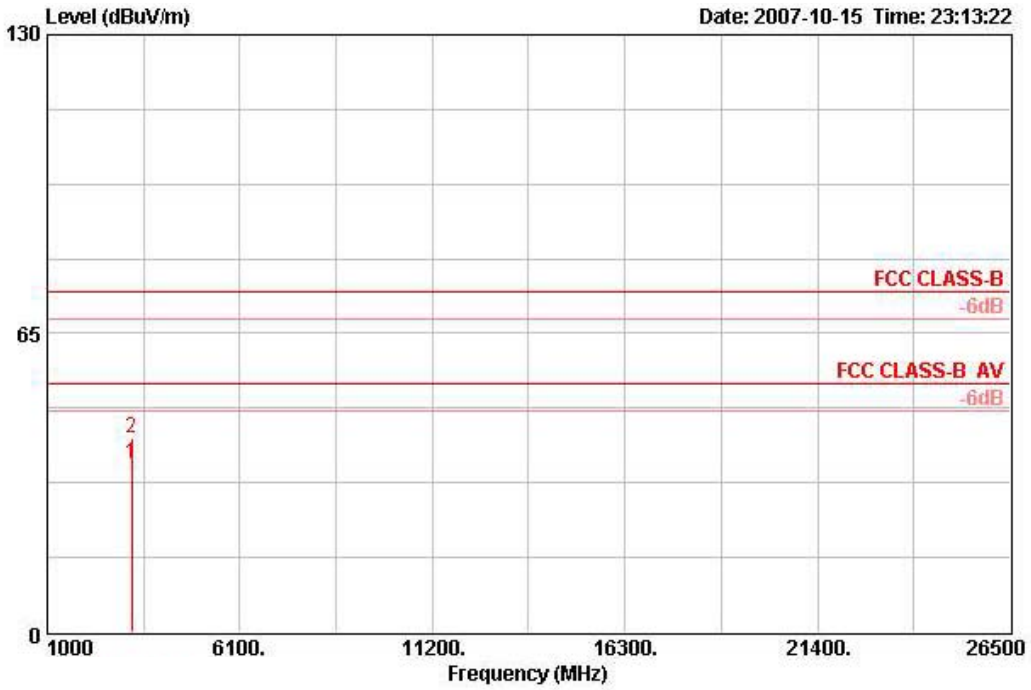
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3 Ant. C-1/ Mode 3

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3229.340	34.96	-19.04	54.00	AVERAGE	HORIZONTAL	3	36.29	30.00	3.79	35.12
2	3229.340	44.64	-29.36	74.00	PEAK	HORIZONTAL	3	45.97	30.00	3.79	35.12

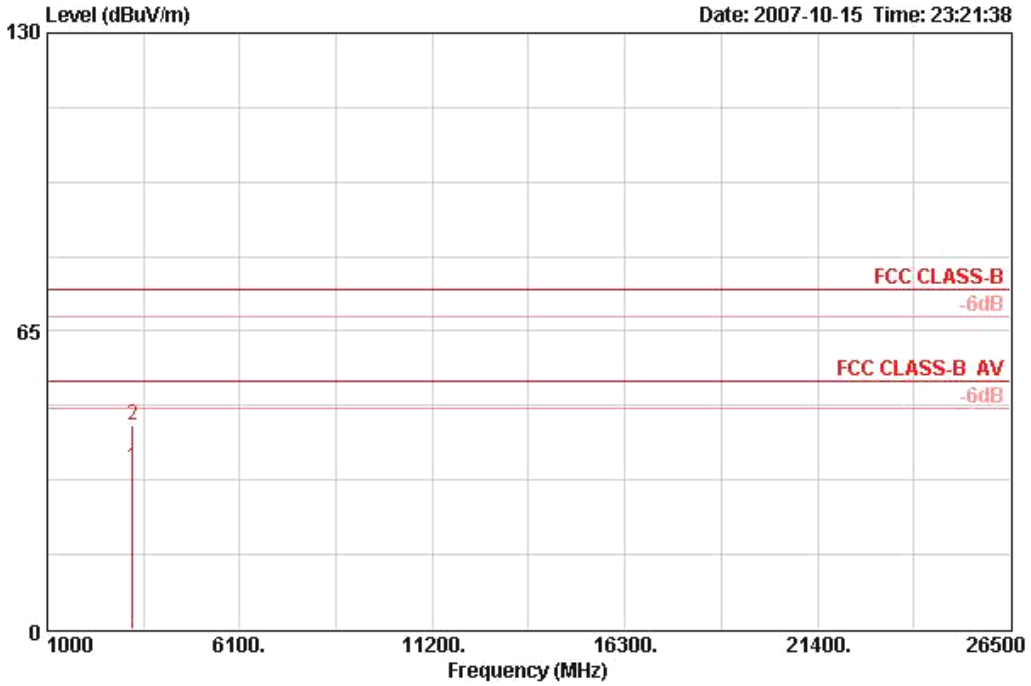
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3229.320	36.53	-17.47	54.00	AVERAGE	VERTICAL	3	37.85	30.00	3.79	35.12
2	3229.480	42.05	-31.96	74.00	PEAK	VERTICAL	3	43.37	30.00	3.79	35.12

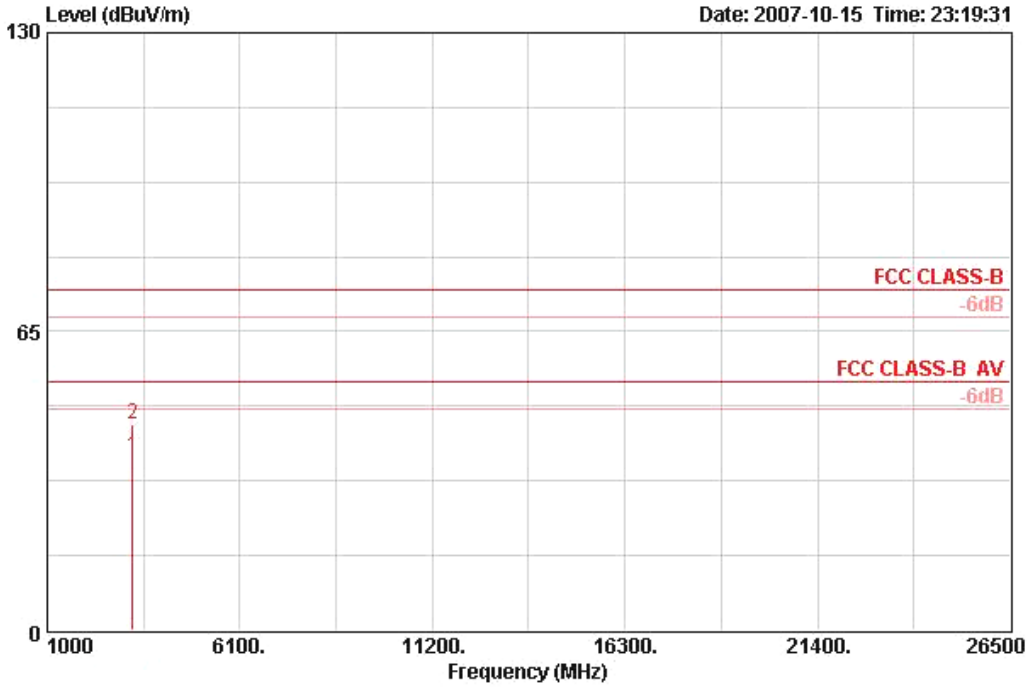
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 6 Ant. C-1/ Mode 3

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.280	35.36	-18.64	54.00	AVERAGE	HORIZONTAL	3	36.68	30.00	3.81	35.12
2	3249.560	44.27	-29.73	74.00	PEAK	HORIZONTAL	3	45.58	30.00	3.81	35.12

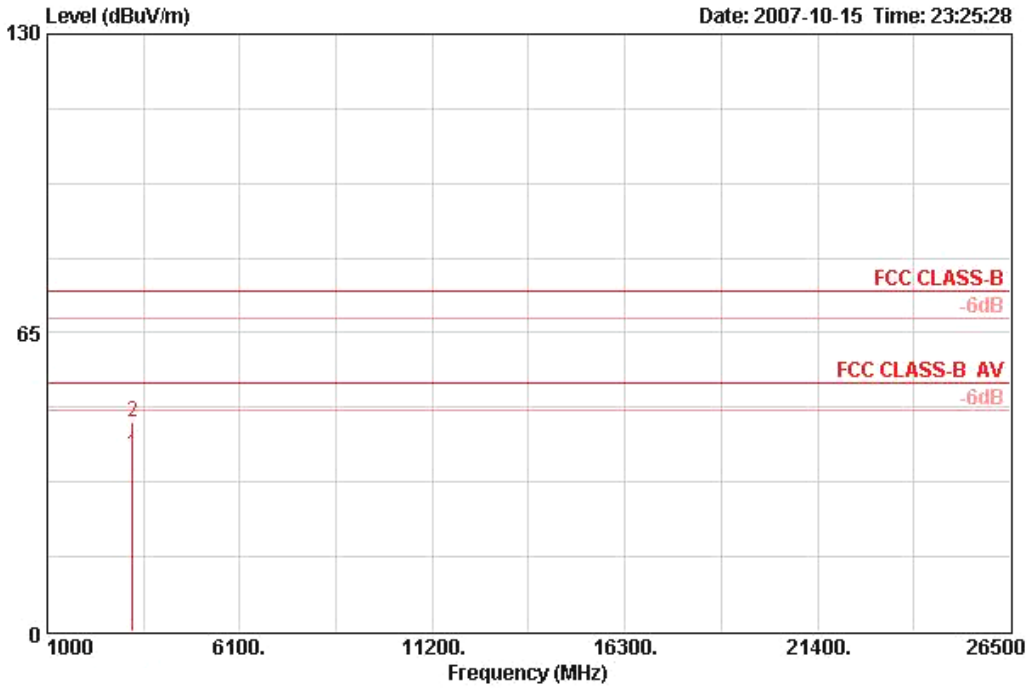
Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3249.280	37.64	-16.36	54.00	AVERAGE	VERTICAL	3	38.96	30.00	3.81	35.12
2	3249.320	44.98	-29.02	74.00	PEAK	VERTICAL	3	46.30	30.00	3.81	35.12

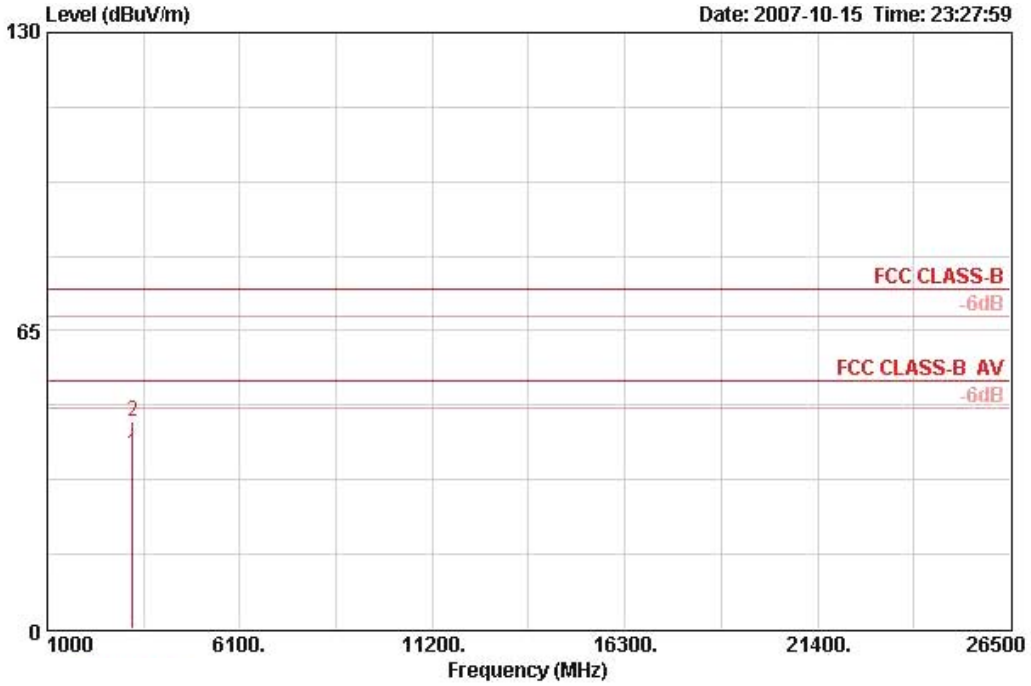
Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 9 Ant. C-1/ Mode 3

Horizontal



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3269.360	38.44	-15.56	54.00	AVERAGE	HORIZONTAL	3	39.75	30.00	3.82	35.12
2	3269.440	45.53	-28.47	74.00	PEAK	HORIZONTAL	3	46.84	30.00	3.82	35.12

Vertical



	Freq	Level	Over Limit	Limit Line	Remark	Pol/Phase	Distance	Read Level	Antenna Factor	Cable Loss	Preamp Factor
	MHz	dBuV/m	dB	dBuV/m			m	dBuV	dB/m	dB	dB
1	3269.340	38.19	-15.81	54.00	AVERAGE	VERTICAL	3	39.50	30.00	3.82	35.12
2	3269.440	45.29	-28.71	74.00	PEAK	VERTICAL	3	46.59	30.00	3.82	35.12

Note:

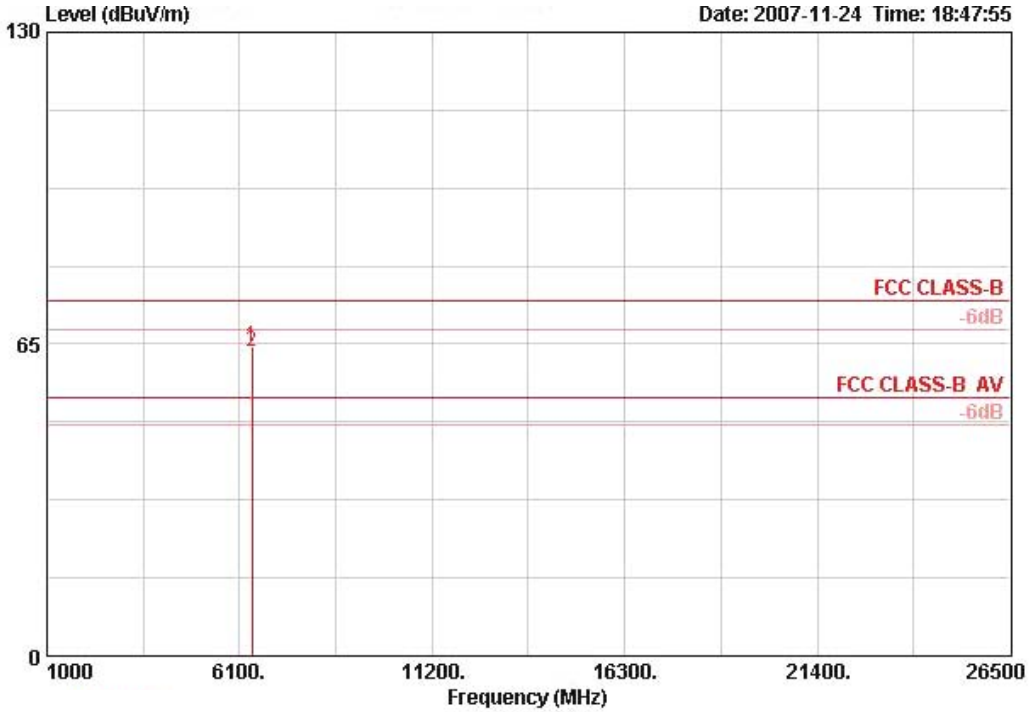
The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

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

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

Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 1 Ant. D-1/ Mode 4

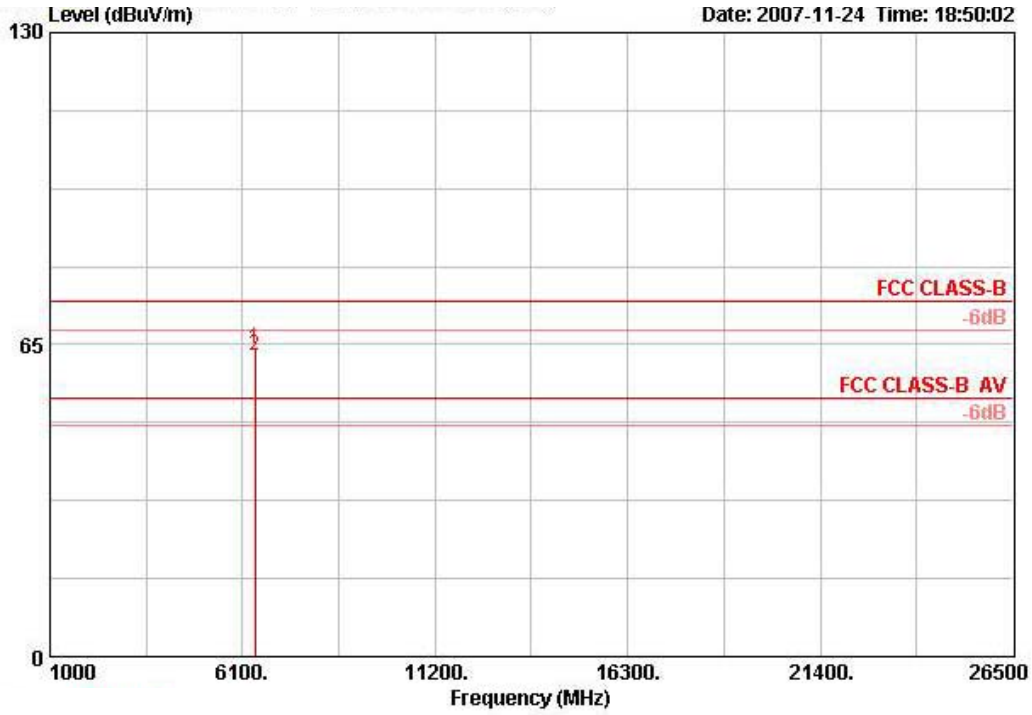
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	6431.940	64.54			59.20	35.01	5.59	35.26	PEAK	146	254	HORIZONTAL

Note: Item 1 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

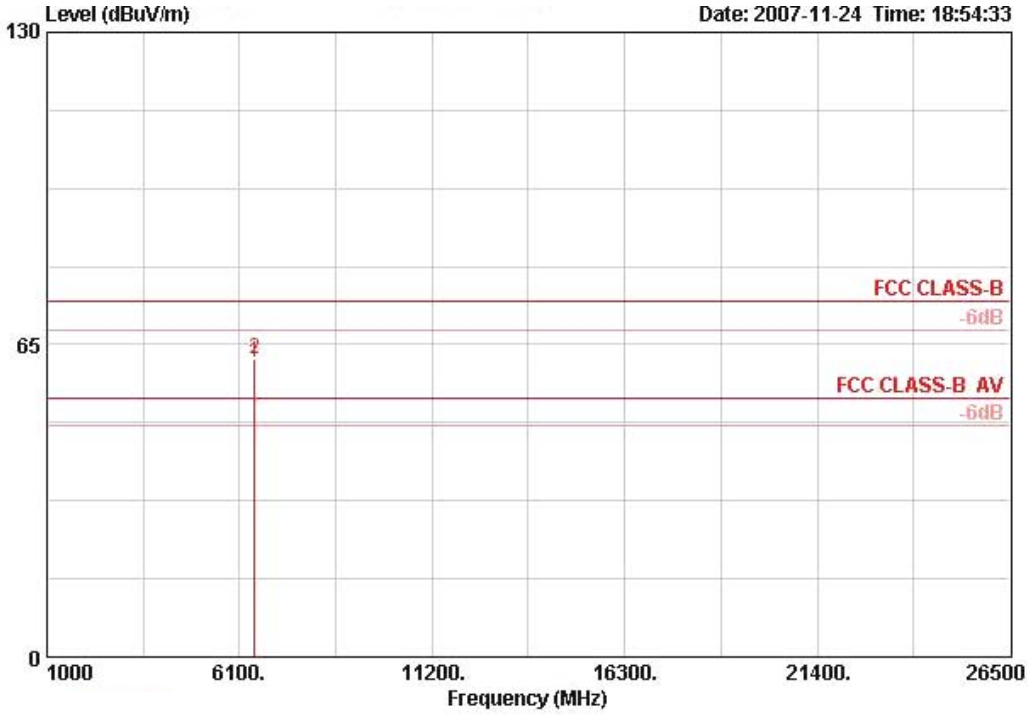


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	6431.960	64.07			58.73	35.01	5.59	35.26	PEAK	100	226	VERTICAL

Note: Item 1 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 6 Ant. D-1/ Mode 4

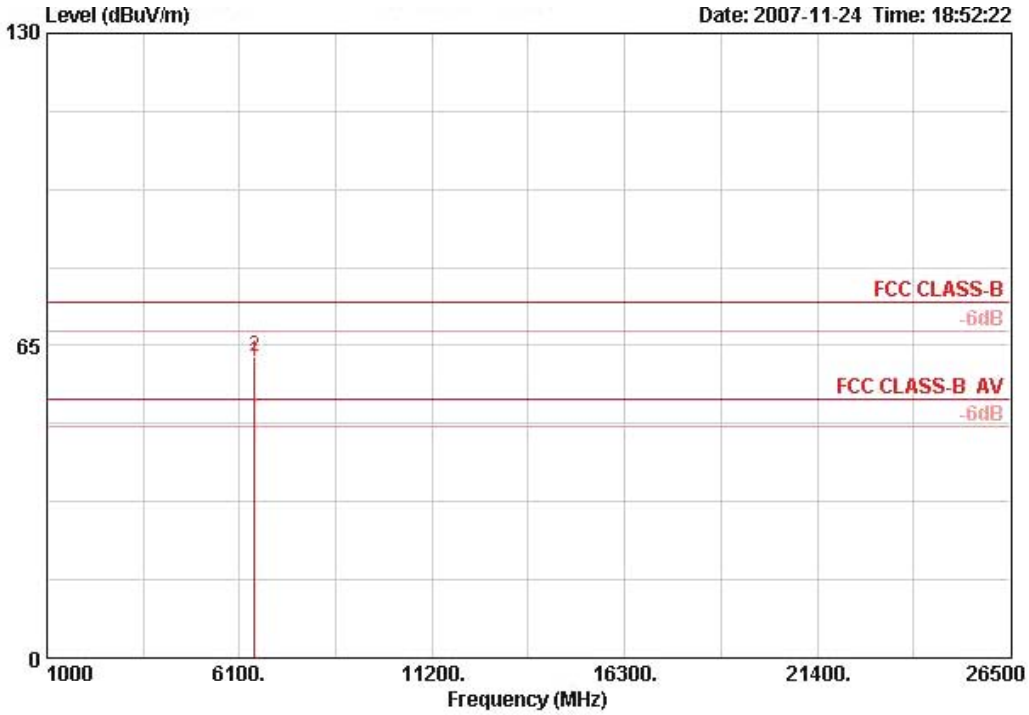
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6498.720	62.07			56.69	35.00	5.61	35.23	PEAK	120	250	HORIZONTAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

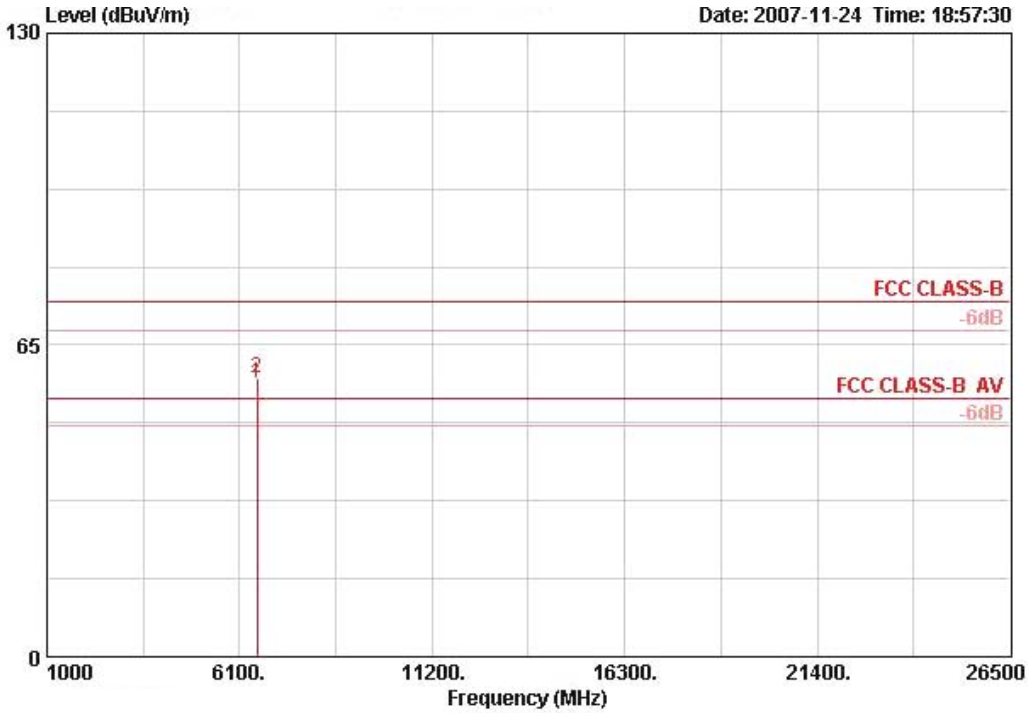


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6498.760	62.58			57.20	35.00	5.61	35.23	PEAK	108	227	VERTICAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch11 Ant. D-1/ Mode 4

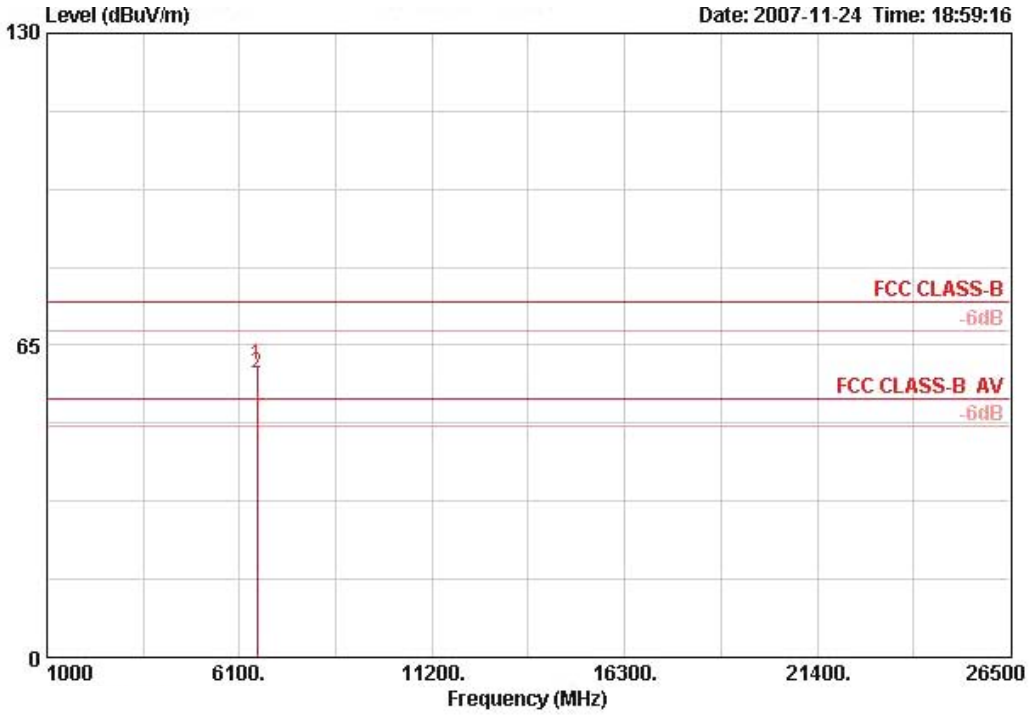
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6565.350	58.09			52.64	35.10	5.65	35.30	PEAK	100	207	HORIZONTAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

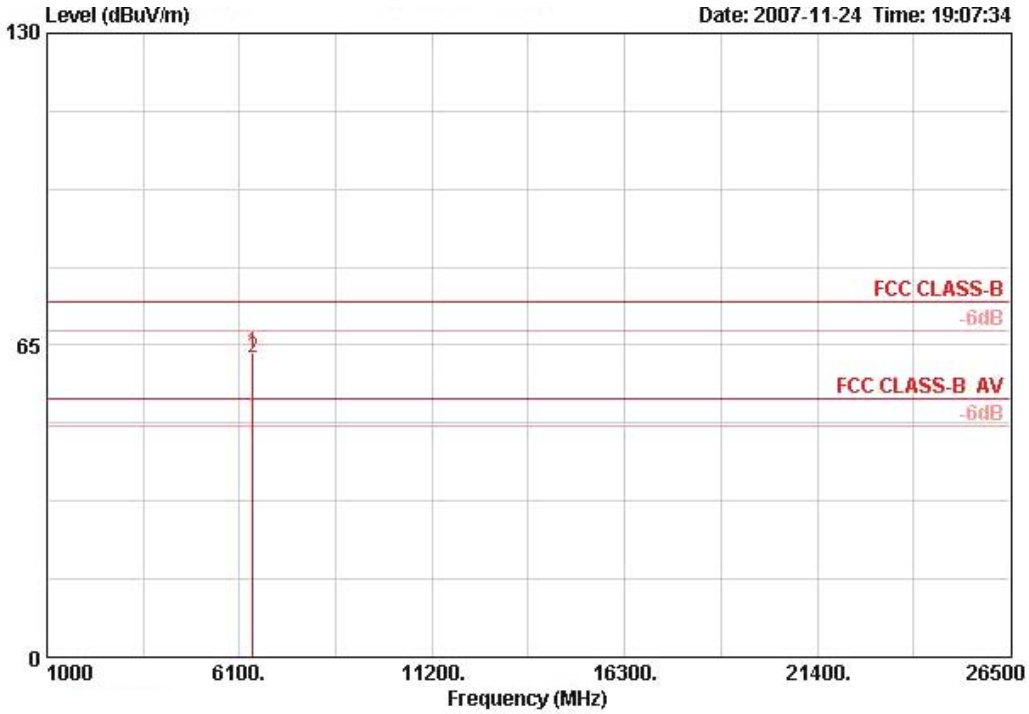


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	6565.180	60.90			55.44	35.10	5.65	35.30	PEAK	119	229	VERTICAL

Note: Item 1 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3 Ant. D-1/ Mode 4

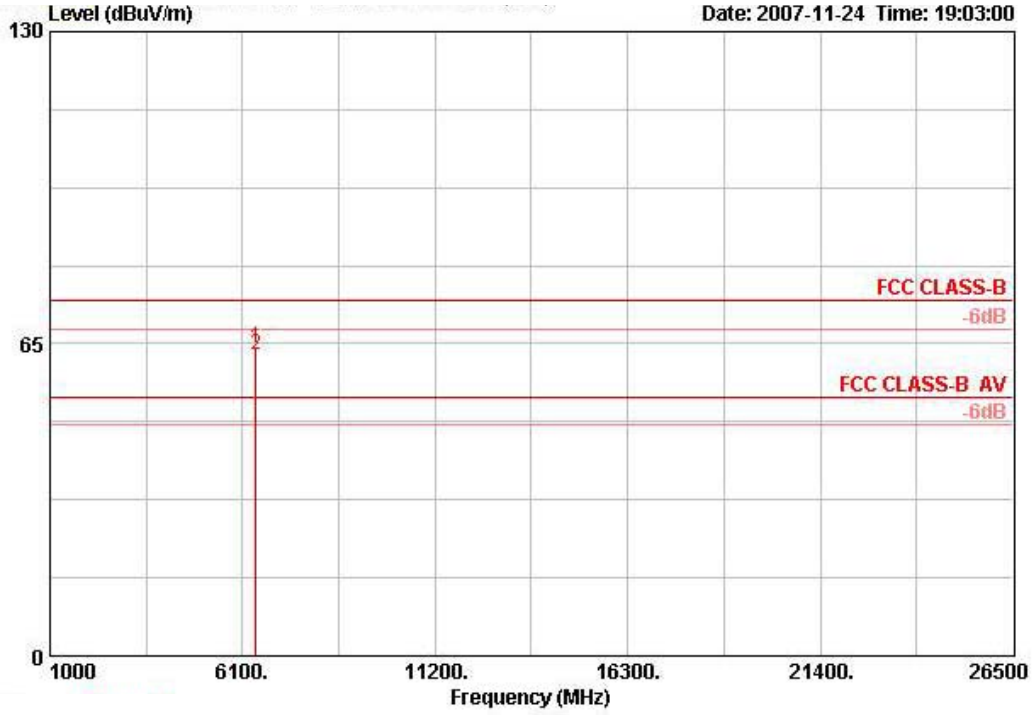
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	6458.580	63.39			58.03	35.01	5.60	35.25	PEAK	124	251	HORIZONTAL

Note: Item 1 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

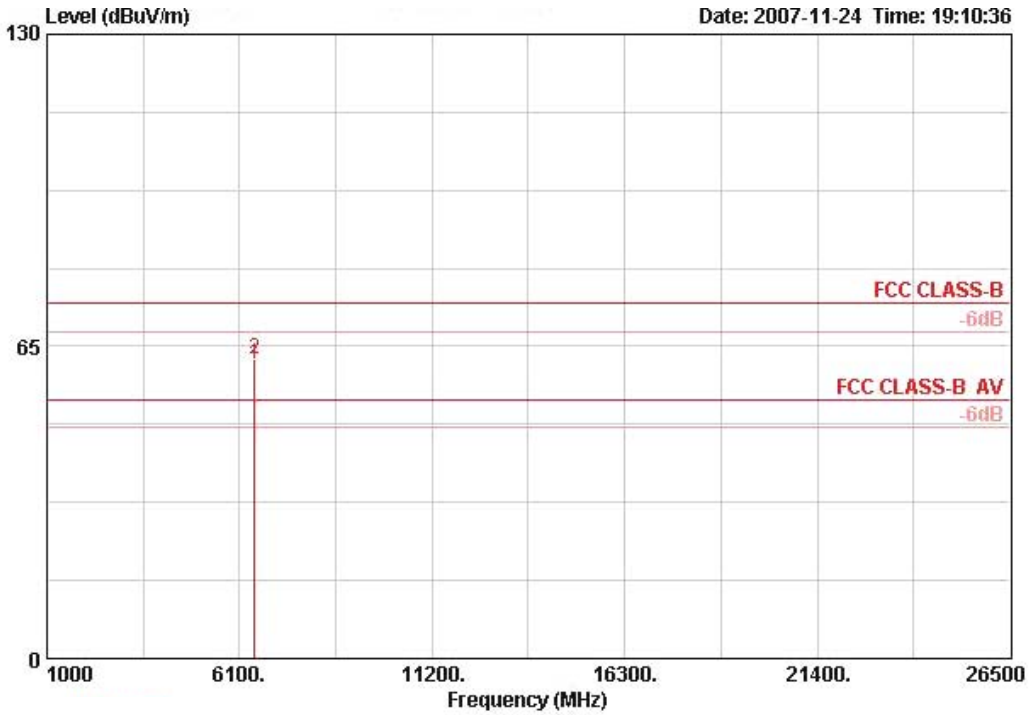


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	6458.620	64.00			58.64	35.01	5.60	35.25	PEAK	110	226	VERTICAL

Note: Item 1 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 6 Ant. D-1/ Mode 4

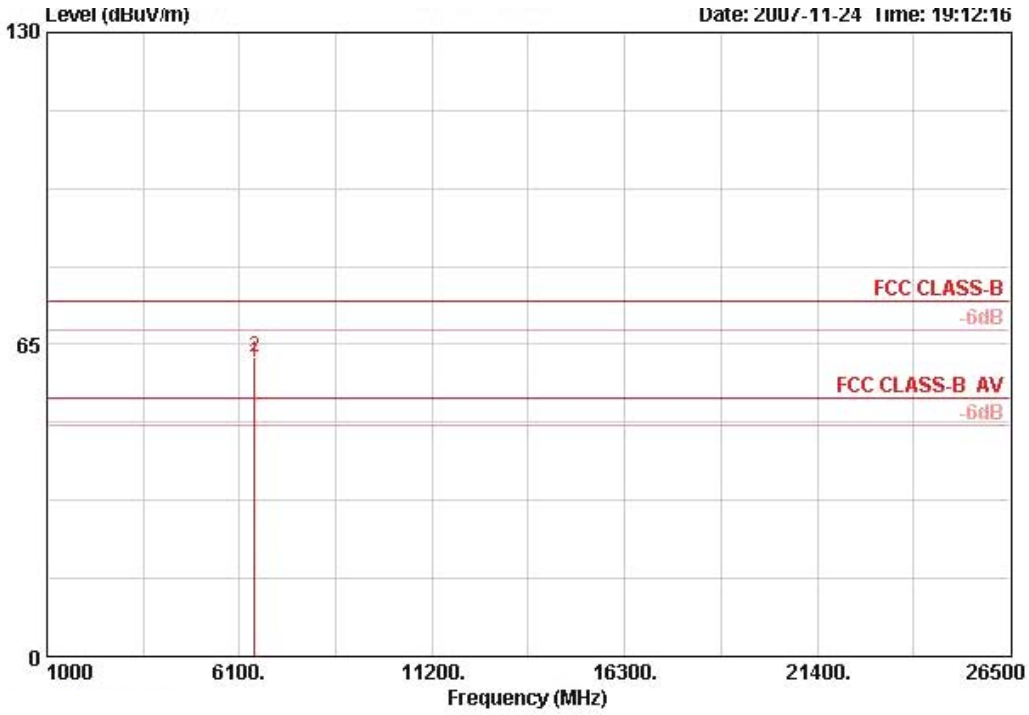
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6498.700	62.41			57.02	35.00	5.61	35.23	PEAK	119	251	HORIZONTAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical

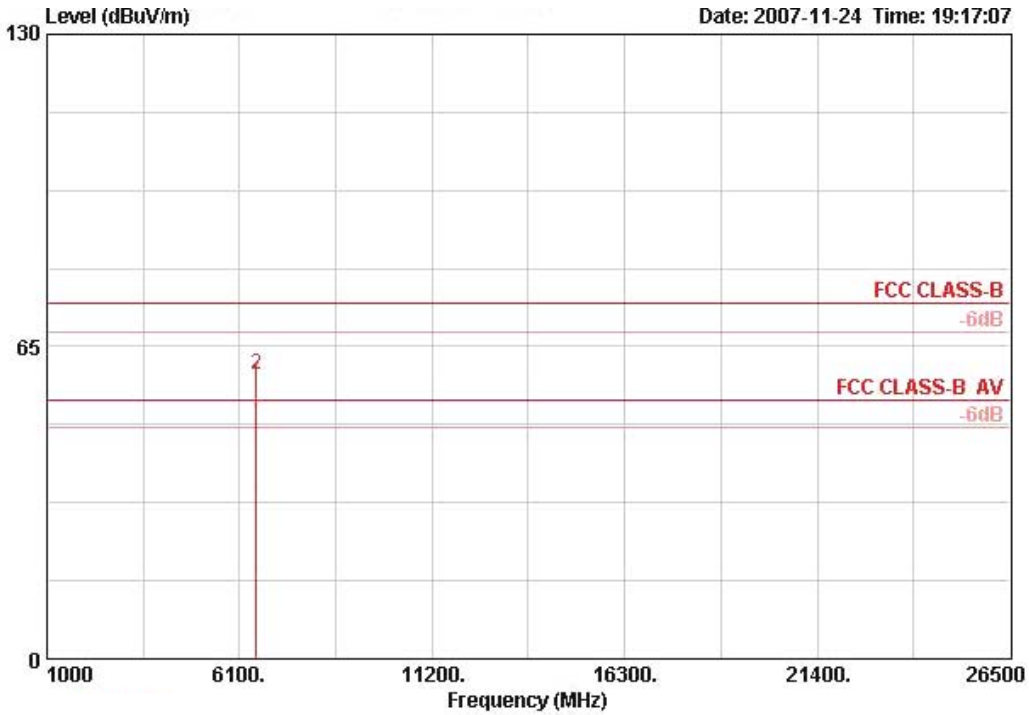


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6498.720	62.23			56.85	35.00	5.61	35.23	PEAK	108	226	VERTICAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Temperature	23℃	Humidity	56%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 9 Ant. D-1/ Mode 4

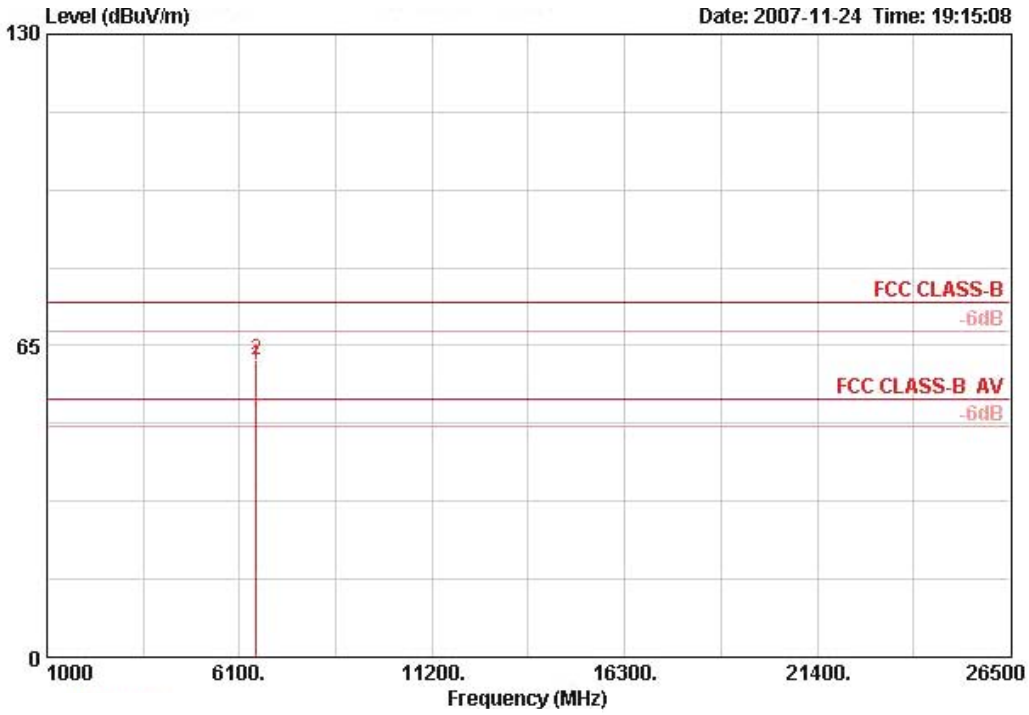
Horizontal



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6538.710	59.07			53.64	35.07	5.63	35.27	PEAK	100	206	HORIZONTAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Vertical



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
2	6538.710	61.83			56.39	35.07	5.63	35.27	PEAK	109	227	VERTICAL

Note: Item 2 is on un-restricted band, so the limit is -20dBc for the field strength of fundamental emission.

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB 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.

4.6. Band Edge Emissions Measurement

4.6.1. 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 (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (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

4.6.2. Measuring Instruments and Setting

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

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	100 KHz /100 KHz for Peak

4.6.3. Test Procedures

1. The test procedure is the same as section 4.5.3, only the freqeuncy range investigated is limited to 100MHz around bandedges.
2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

4.6.5. Test Deviation

There is no deviation with the original standard.

4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Test Result of Band Edge and Fundamental Emissions

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 1, 6, 11 Ant. A / Mode 1

Channel 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2390.000	53.86	-0.14	54.00	20.83	28.05	4.98	0.00	AVERAGE	100	262
2	2390.000	67.16	-6.84	74.00	34.13	28.05	4.98	0.00	PEAK	100	262
3 @	2415.200	109.25			76.17	28.09	4.98	0.00	PEAK	100	262
4 @	2419.000	99.89			66.78	28.09	5.02	0.00	AVERAGE	100	262

Item 3, 4 are the fundamental frequency at 2412 MHz

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2434.200	110.93			77.77	28.13	5.02	0.00	PEAK	100	261
2 @	2444.000	100.95			67.70	28.18	5.07	0.00	AVERAGE	100	261

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2458.800	92.02			58.74	28.22	5.07	0.00	AVERAGE	100	180
2 @	2459.000	102.08			68.79	28.22	5.07	0.00	PEAK	100	180
3	2483.500	57.09	-16.91	74.00	23.72	28.26	5.11	0.00	PEAK	100	180
4	2483.500	47.28	-6.72	54.00	13.91	28.26	5.11	0.00	AVERAGE	100	180

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3, 6, 9 Ant. A / Mode 1

Channel 3

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2390.000	64.30	-9.70	74.00	31.27	28.05	4.98	0.00	PEAK	100	262
2 @	2390.000	53.33	-0.67	54.00	20.29	28.05	4.98	0.00	AVERAGE	100	262
3 @	2412.400	93.06			59.99	28.09	4.98	0.00	AVERAGE	100	262
4 @	2414.400	102.58			69.51	28.09	4.98	0.00	PEAK	100	262

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2390.000	65.87	-8.13	74.00	32.84	28.05	4.98	0.00	PEAK	100	260
2 @	2390.000	53.49	-0.51	54.00	20.46	28.05	4.98	0.00	AVERAGE	100	260
3 @	2427.400	96.76			63.60	28.13	5.02	0.00	AVERAGE	100	260
4 @	2427.400	106.44			73.28	28.13	5.02	0.00	PEAK	100	260
5 !	2483.500	49.68	-4.32	54.00	16.31	28.26	5.11	0.00	AVERAGE	100	278
6	2483.500	61.73	-12.27	74.00	28.36	28.26	5.11	0.00	PEAK	100	278

Item 3, 4 are the fundamental frequency at 2437MHz.

Channel 9

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2442.800	96.89			63.65	28.18	5.07	0.00	AVERAGE	100	260
2 @	2442.800	106.47			73.23	28.18	5.07	0.00	PEAK	100	260
3 @	2484.300	52.70	-1.30	54.00	19.33	28.26	5.11	0.00	AVERAGE	100	260
4	2484.400	64.87	-9.13	74.00	31.50	28.26	5.11	0.00	PEAK	100	260

Item 1, 2 are the fundamental frequency at 2452 MHz.

Note:

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

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

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 1, 6, 11 Ant. A / Mode 2

Channel 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	2390.000	49.94	-24.06	74.00	17.78	29.28	0.00	2.88	PEAK	123	188	HORIZONTAL
2 !	2390.000	49.94	-4.06	54.00	17.78	29.28	0.00	2.88	AVERAGE	123	188	HORIZONTAL
3	2417.600	104.61			72.46	29.26	0.00	2.90	PEAK	123	188	HORIZONTAL
4	2419.000	95.37			63.22	29.26	0.00	2.90	AVERAGE	123	188	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2412 MHz

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	2440.200	98.82			66.68	29.24	0.00	2.90	AVERAGE	123	186	HORIZONTAL
2	2440.200	108.48			76.34	29.24	0.00	2.90	PEAK	123	186	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	2455.000	98.78			66.64	29.23	0.00	2.91	AVERAGE	98	223	HORIZONTAL
2	2455.200	108.08			75.94	29.23	0.00	2.91	PEAK	98	223	HORIZONTAL
3 !	2483.500	50.74	-3.26	54.00	18.60	29.21	0.00	2.93	AVERAGE	98	223	HORIZONTAL
4	2483.500	67.78	-6.22	74.00	35.64	29.21	0.00	2.93	PEAK	98	223	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3, 6, 9 Ant. A / Mode 2

Channel 3

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	2388.800	66.96	-7.04	74.00	34.81	29.28	0.00	2.86	PEAK	126	155	HORIZONTAL
2 !	2390.000	53.40	-0.60	54.00	21.24	29.28	0.00	2.88	AVERAGE	126	155	HORIZONTAL
3	2437.200	92.81			60.67	29.24	0.00	2.90	AVERAGE	126	155	HORIZONTAL
4	2437.600	102.10			69.97	29.24	0.00	2.90	PEAK	126	155	HORIZONTAL

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	2428.200	105.24			73.09	29.26	0.00	2.90	PEAK	124	100	HORIZONTAL
2	2429.000	96.24			64.09	29.26	0.00	2.90	AVERAGE	124	100	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 9

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Remark	Table Pos	Ant Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		deg	cm	
1	2454.000	103.24			71.10	29.23	0.00	2.91	PEAK	98	222	HORIZONTAL
2	2454.400	93.95			61.81	29.23	0.00	2.91	AVERAGE	98	222	HORIZONTAL
3 !	2483.500	53.56	-0.44	54.00	21.42	29.21	0.00	2.93	AVERAGE	98	222	HORIZONTAL
4	2485.500	67.35	-6.65	74.00	35.23	29.20	0.00	2.93	PEAK	98	222	HORIZONTAL

Item 1, 2 are the fundamental frequency at 2452 MHz.

Note:

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

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

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 1, 6, 11 Ant. A / Mode 3

Channel 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 !	2389.400	49.27	-4.73	54.00	14.44	28.05	6.77	0.00	AVERAGE	100	131
2	2390.000	63.89	-10.11	74.00	29.06	28.05	6.78	0.00	PEAK	100	131
3 @	2415.200	93.19			58.31	28.09	6.78	0.00	AVERAGE	100	131
4 @	2415.600	102.52			67.64	28.09	6.78	0.00	PEAK	100	131

Item 3, 4 are the fundamental frequency at 2412 MHz

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2441.200	103.56			68.60	28.18	6.79	0.00	PEAK	237	305
2 @	2444.000	95.46			60.50	28.18	6.79	0.00	AVERAGE	237	305

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2458.200	100.66			65.65	28.22	6.79	0.00	PEAK	157	307
2 @	2458.800	95.60			60.60	28.22	6.79	0.00	AVERAGE	157	307
3 @	2483.500	50.08	-3.92	54.00	15.03	28.26	6.79	0.00	AVERAGE	157	307
4	2483.700	61.23	-12.77	74.00	26.18	28.26	6.79	0.00	PEAK	157	307

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3, 6, 9 Ant. A / Mode 3

Channel 3

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	2389.200	66.11	-7.89	74.00	31.29	28.05	6.77	0.00	PEAK	242	306
2 @	2390.000	53.19	-0.81	54.00	18.36	28.05	6.78	0.00	AVERAGE	242	306
3 @	2410.400	98.12			63.25	28.09	6.78	0.00	PEAK	242	306
4 @	2410.800	89.66			54.78	28.09	6.78	0.00	AVERAGE	242	306

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2442.600	92.89			57.93	28.18	6.79	0.00	AVERAGE	235	306
2 @	2442.600	101.61			66.65	28.18	6.79	0.00	PEAK	235	306

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 9

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	2467.200	99.26			64.25	28.22	6.79	0.00	PEAK	227	304
2 @	2467.200	90.88			55.87	28.22	6.79	0.00	AVERAGE	227	304
3 @	2483.500	50.20	-3.80	54.00	15.14	28.26	6.79	0.00	AVERAGE	227	304
4	2488.700	62.10	-11.90	74.00	27.01	28.30	6.79	0.00	PEAK	227	304

Item 1, 2 are the fundamental frequency at 2452 MHz.

Note:

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

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

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 20MHz Ch 1, 6, 11 Ant. A / Mode 4

Channel 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2389.800	54.41	-19.59	74.00	23.02	28.05	3.33	0.00	PEAK	100	30	VERTICAL
2	2390.000	44.38	-9.62	54.00	12.99	28.05	3.33	0.00	AVERAGE	100	30	VERTICAL
3 @	2419.000	84.28			52.84	28.09	3.35	0.00	AVERAGE	100	30	VERTICAL
4 @	2419.200	93.24			61.80	28.09	3.35	0.00	PEAK	100	30	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2442.400	101.59			70.06	28.18	3.36	0.00	PEAK	100	33	VERTICAL
2 @	2444.000	92.61			61.07	28.18	3.36	0.00	AVERAGE	100	33	VERTICAL

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 11

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2469.000	92.66			61.07	28.22	3.38	0.00	AVERAGE	100	62	VERTICAL
2 @	2469.800	101.36			69.77	28.22	3.38	0.00	PEAK	100	62	VERTICAL
3	2483.500	62.05	-11.95	74.00	30.42	28.26	3.38	0.00	PEAK	100	62	VERTICAL
4	2483.650	47.36	-6.64	54.00	15.72	28.26	3.38	0.00	AVERAGE	100	62	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	23℃	Humidity	62%
Test Engineer	Aric Lee	Configurations	Draft n MCS0 40MHz Ch 3, 6, 9 Ant. A / Mode 4

Channel 3

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	2390.000	47.19	-6.81	54.00	15.80	28.05	3.33	0.00	AVERAGE	100	331	VERTICAL
2	2390.000	58.24	-15.76	74.00	26.85	28.05	3.33	0.00	PEAK	100	331	VERTICAL
3 @	2435.600	85.35			53.87	28.13	3.35	0.00	AVERAGE	100	331	VERTICAL
4 @	2439.200	97.77			66.25	28.18	3.35	0.00	PEAK	100	331	VERTICAL

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2449.000	100.70			69.17	28.18	3.36	0.00	PEAK	100	33	VERTICAL
2 @	2450.600	90.04			58.50	28.18	3.36	0.00	AVERAGE	100	33	VERTICAL

Item 1, 2 are the fundamental frequency at 2437MHz.

Channel 9

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	2458.400	101.68			70.10	28.22	3.36	0.00	PEAK	100	34	VERTICAL
2 @	2458.800	90.99			59.41	28.22	3.36	0.00	AVERAGE	100	34	VERTICAL
3 !	2483.500	49.81	-4.19	54.00	18.17	28.26	3.38	0.00	AVERAGE	100	34	VERTICAL
4	2489.900	62.56	-11.44	74.00	30.88	28.30	3.38	0.00	PEAK	100	34	VERTICAL

Item 1, 2 are the fundamental frequency at 2452 MHz.

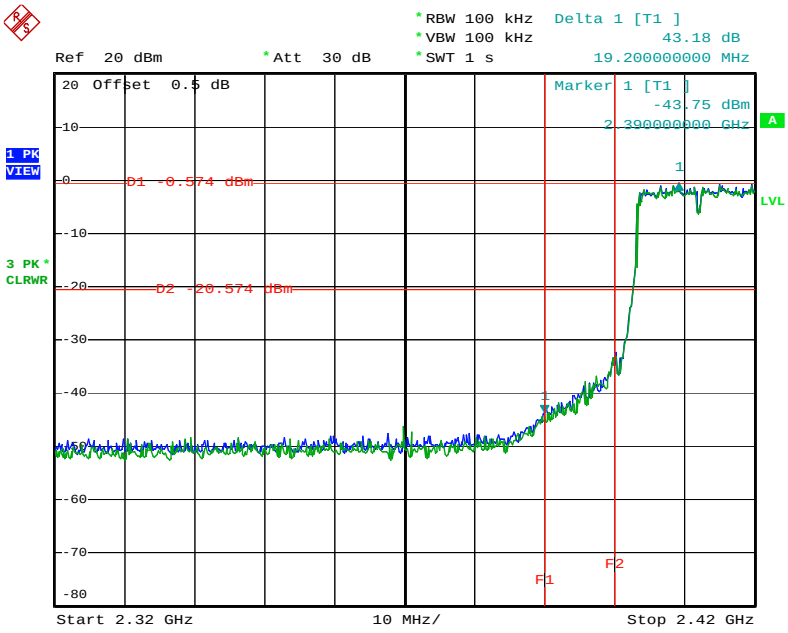
Note:

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

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

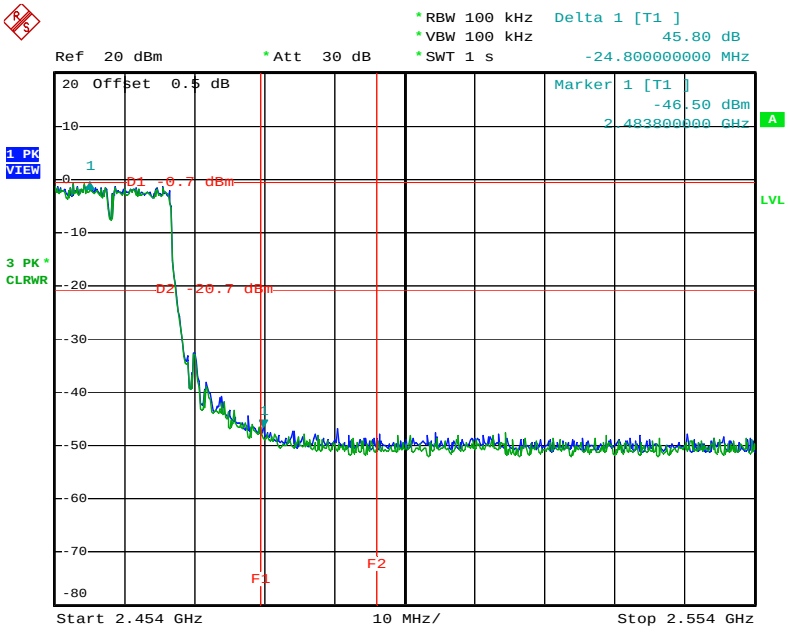
For Emission not in Restricted Band

Low Band Edge Plot on Configuration Draft n MCS0 20MHz / 2412 MHz



Date: 16.OCT.2007 15:53:06

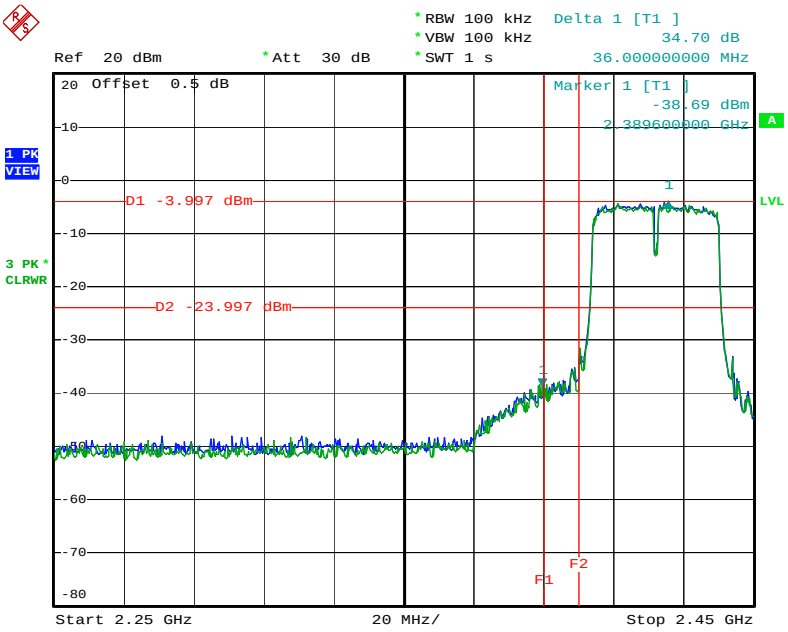
High Band Edge Plot on Configuration Draft n MCS0 20MHz / 2462 MHz



Date: 16.OCT.2007 15:50:33

For Emission not in Restricted Band

Low Band Edge Plot on Configuration Draft n MCS0 40MHz / 2422 MHz



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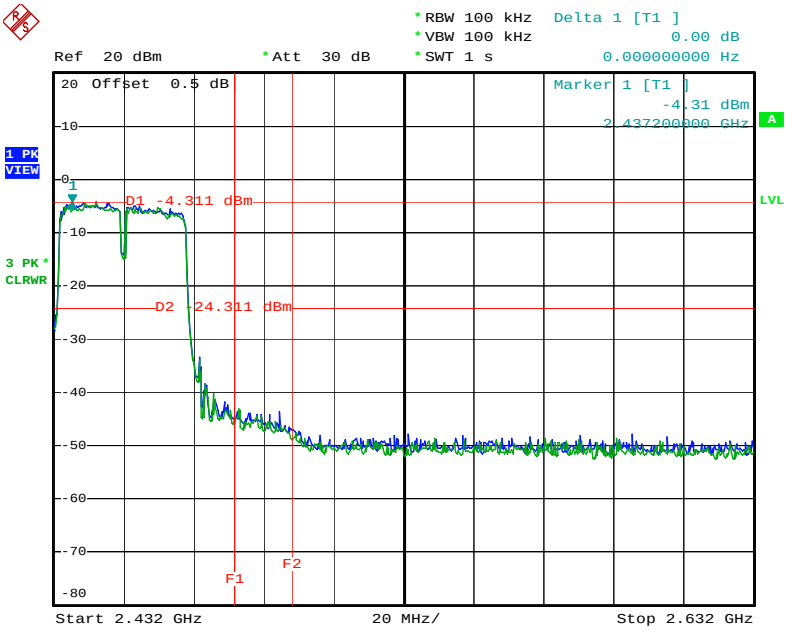
High Band Edge Plot on Configuration Draft n MCS0 40MHz / 2452 MHz



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4.7. Antenna Requirements

4.7.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

4.7.2. Antenna Connector Construction

Please refer to section 3.3 in this test report; antenna connector complied with the requirements.

5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100359	9kHz – 2.75GHz	Mar. 01, 2007	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Mar. 31, 2007	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Mar. 22, 2007	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2007	Conduction (CO04-HY)
ISN	SCHAFFNER	ISN T400	21653	9kHz –30MHz	May 09, 2007	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	58	45MHz-2.15GHz	N/A	Conduction (CO04-HY)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 14, 2007	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	CPA9231A	1886	9 kHz - 2 GHz	Jan. 22, 2007	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jun. 07, 2007	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	923364	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP40	100305	9 kHz - 40 GHz	Dec. 15, 2006	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	May 23, 2006*	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 21, 2007	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	May 04, 2007	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	NCR	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec. 02, 2006	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec. 02, 2006	Radiation (03CH03-HY)
Turn Table	HD	DS 420	420/650/00	0 – 360 degree	N/A	Radiation (03CH03-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Dec. 17, 2006	Conducted (TH01-HY)
Power Meter	R&S	NRVS	100444	DC ~ 40GHz	Jun. 27, 2007	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z51	100458	DC ~ 30GHz	Jun. 27, 2007	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z32	100057	30MHz ~ 6GHz	Jun. 27, 2007	Conducted (TH01-HY)
AC Power Source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	May 04, 2007*	Conducted (TH01-HY)
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Mar. 03, 2007	Conducted (TH01-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Oct. 01, 2007	Conducted (TH01-HY)
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 01, 2006	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 01, 2006	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Mar. 07, 2007	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is one year.

* Calibration Interval of instruments listed above is two year.

NCR means Non-Calibration required.

6. TEST LOCATION

SHIJR	ADD	:	6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C.
	TEL	:	886-2-2696-2468
	FAX	:	886-2-2696-2255
HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
	TEL	:	886-3-327-3456
	FAX	:	886-3-318-0055
LINKOU	ADD	:	No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C
	TEL	:	886-2-2601-1640
	FAX	:	886-2-2601-1695
DUNGHU	ADD	:	No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.
	TEL	:	886-2-2631-4739
	FAX	:	886-2-2631-9740
JUNGHE	ADD	:	7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.
	TEL	:	886-2-8227-2020
	FAX	:	886-2-8227-2626
NEIHU	ADD	:	4Fl., No. 339, Hsin Hu 2nd Rd., Taipei 114, Taiwan, R.O.C.
	TEL	:	886-2-2794-8886
	FAX	:	886-2-2794-9777
JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
	TEL	:	886-3-656-9065
	FAX	:	886-3-656-9085

7. TAF CERTIFICATE OF ACCREDITATION

Certificate No. : L1190-070110

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Sporton International Inc.
EMC & Wireless Communications Laboratory
No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

is accredited in respect of laboratory

Accreditation Criteria	:	ISO/IEC 17025:2005
Accreditation Number	:	1190
Originally Accredited	:	December 15, 2003
Effective Period	:	January 10, 2007 to January 09, 2010
Accredited Scope	:	Testing Field, see described in the Appendix
Specific Accreditation Program	:	Accreditation Program for Designated Testing Laboratory for Commodities Inspection Accreditation Program for Telecommunication Equipment Testing Laboratory

Jay-San Chen
President, Taiwan Accreditation Foundation
Date : January 10, 2007

P1, total 9 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when used without the Appendix.