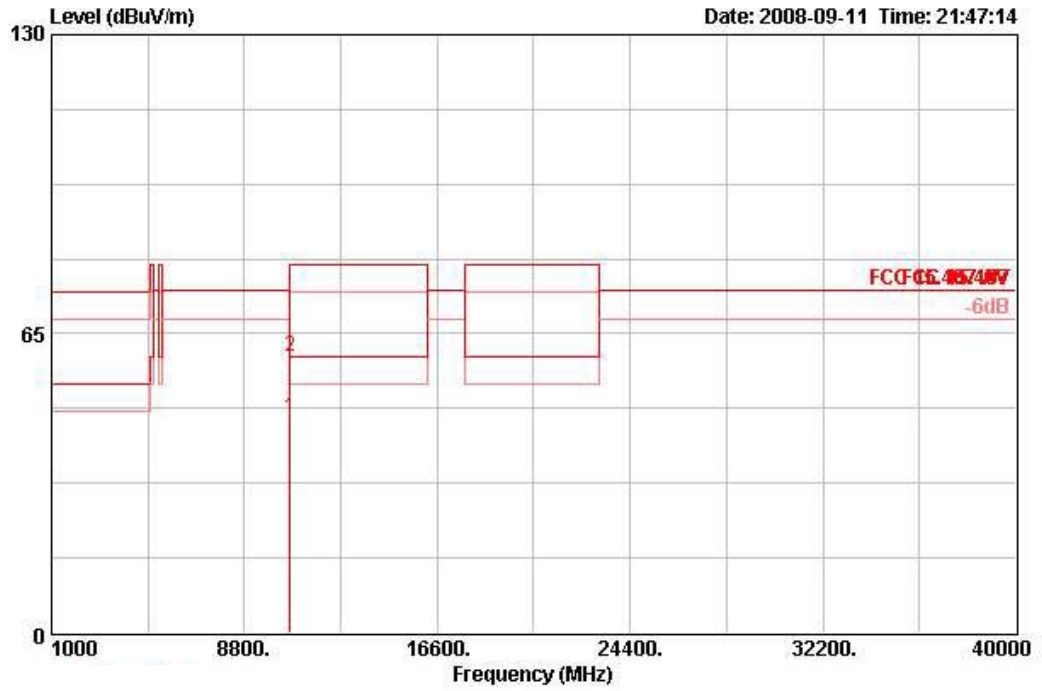


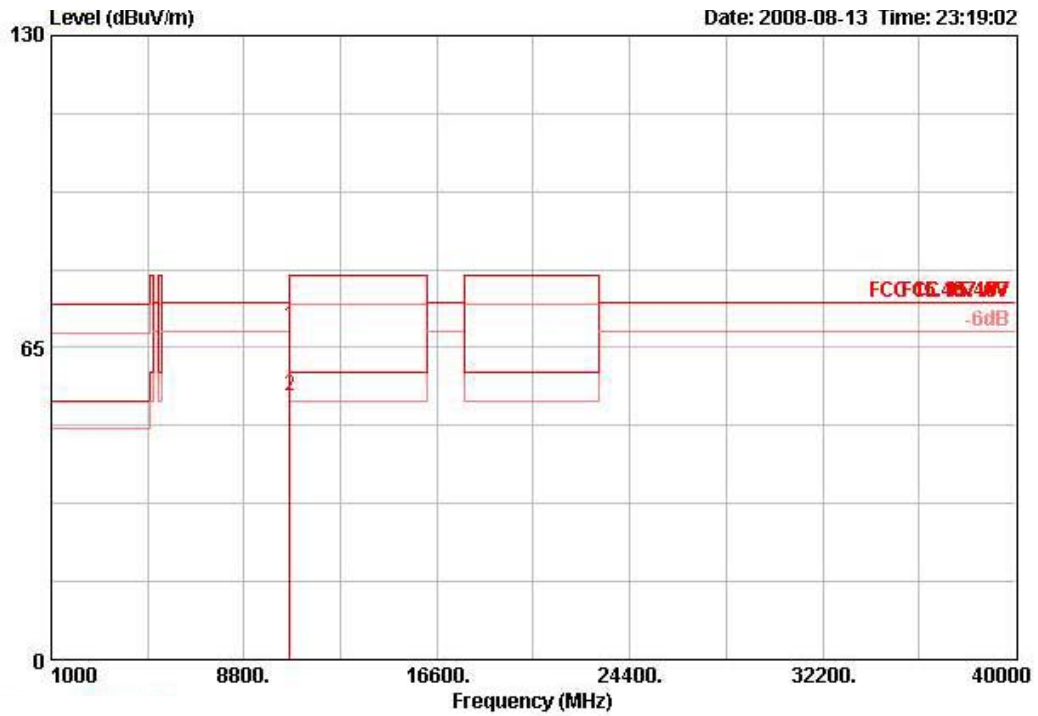
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 64

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	10638.800	46.71	-13.29	60.00	36.70	38.37	6.53	34.88	AVERAGE	138	80	HORIZONTAL
2	10639.100	60.12	-19.88	80.00	50.10	38.37	6.53	34.88	PEAK	138	80	HORIZONTAL

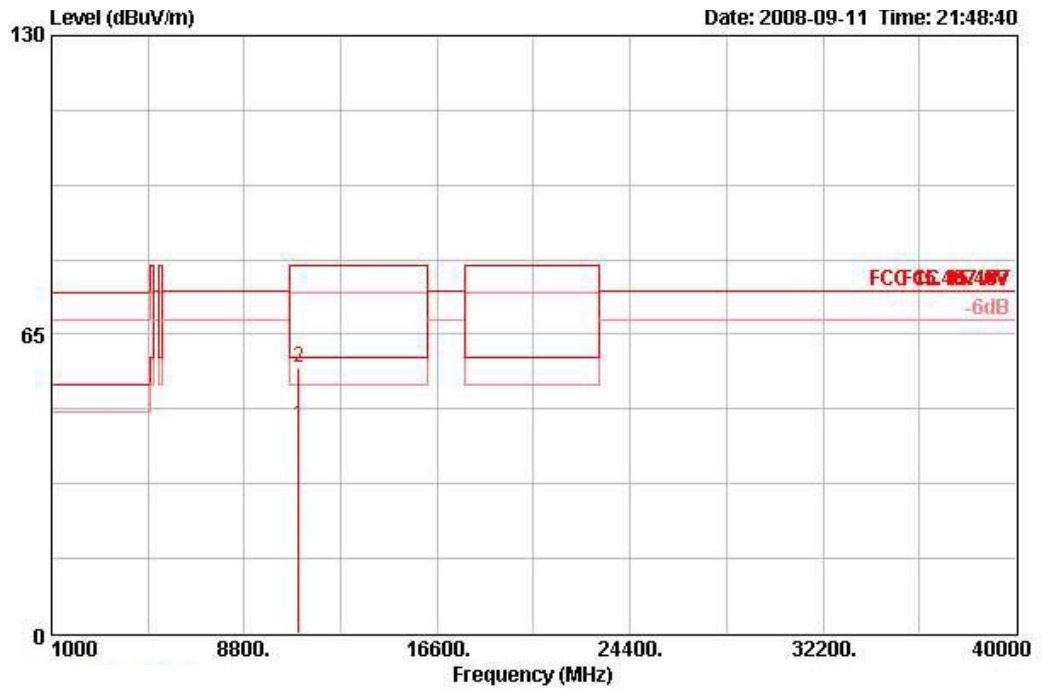
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10639.920	69.50	-10.50	80.00	60.83	38.54	5.17	35.05	PEAK	109	291	VERTICAL
2 @	10639.980	54.99	-5.01	60.00	46.32	38.54	5.17	35.05	AVERAGE	109	291	VERTICAL

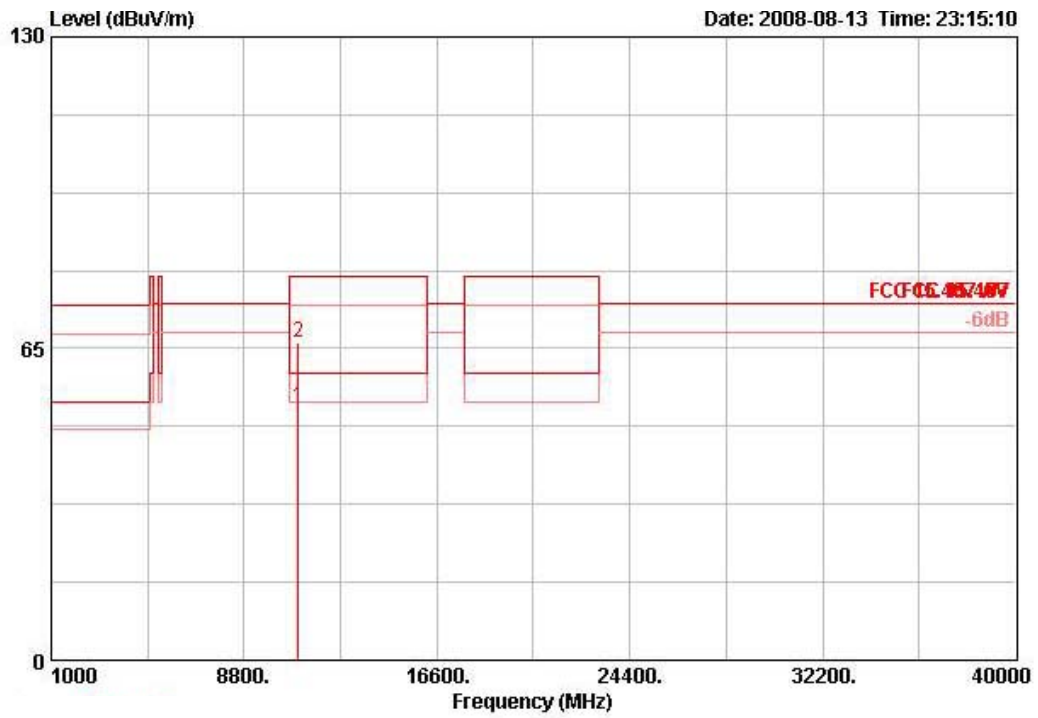
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 100

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11003.200	45.23	-14.77	60.00	35.04	38.32	6.63	34.76	AVERAGE	136	86	HORIZONTAL
2	11004.300	57.75	-22.25	80.00	47.56	38.32	6.63	34.76	PEAK	136	86	HORIZONTAL

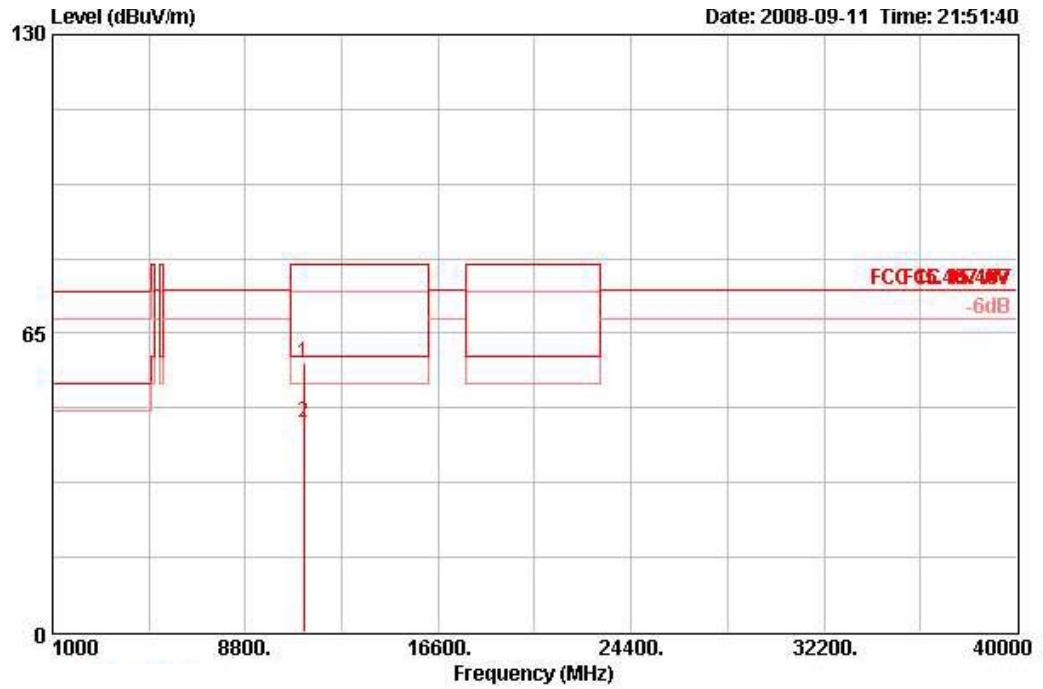
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11001.340	52.71	-7.29	60.00	44.07	38.40	4.93	34.69	AVERAGE	109	299	VERTICAL
2	11001.700	66.19	-13.81	80.00	57.55	38.40	4.93	34.69	PEAK	109	299	VERTICAL

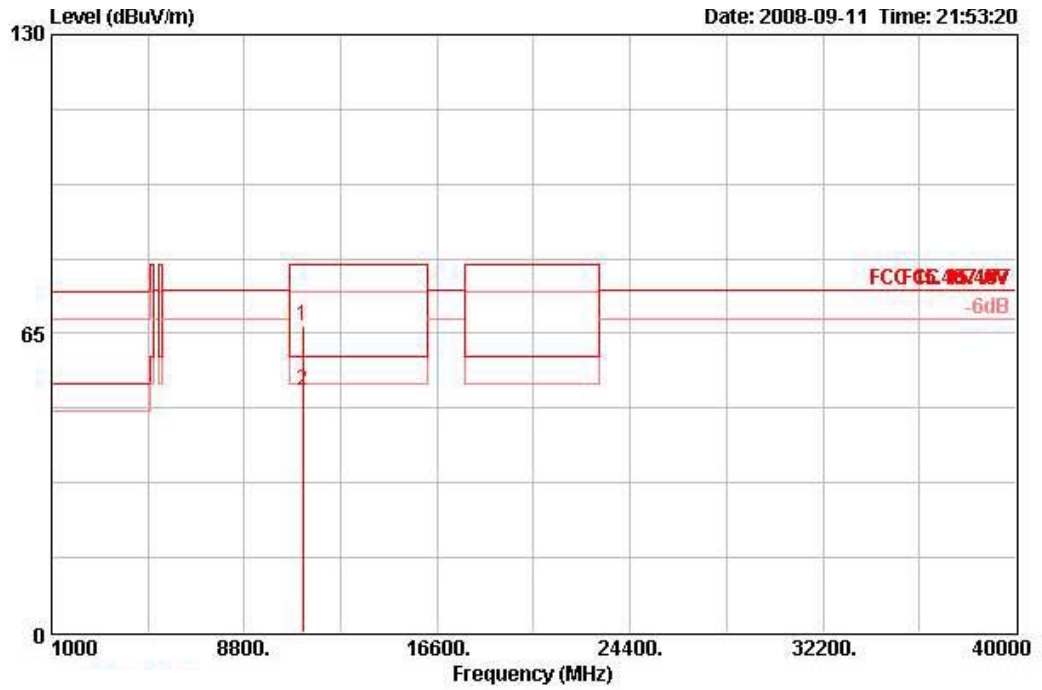
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 116

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	11163.000	58.38	-21.62	80.00	48.09	38.47	6.65	34.83	PEAK	134	86	HORIZONTAL
2	11163.100	45.54	-14.46	60.00	35.25	38.47	6.65	34.83	AVERAGE	134	86	HORIZONTAL

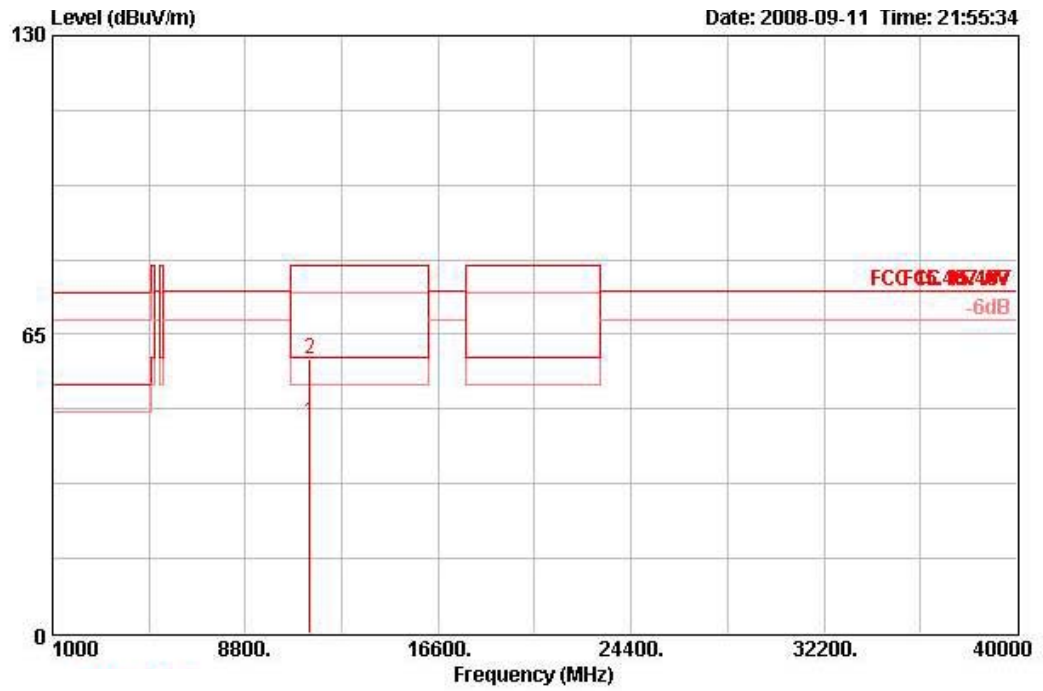
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11159.900	66.68	-13.32	80.00	56.40	38.47	6.65	34.83	PEAK	117	284	VERTICAL
2	11160.400	52.69	-7.31	60.00	42.40	38.47	6.65	34.83	AVERAGE	117	284	VERTICAL

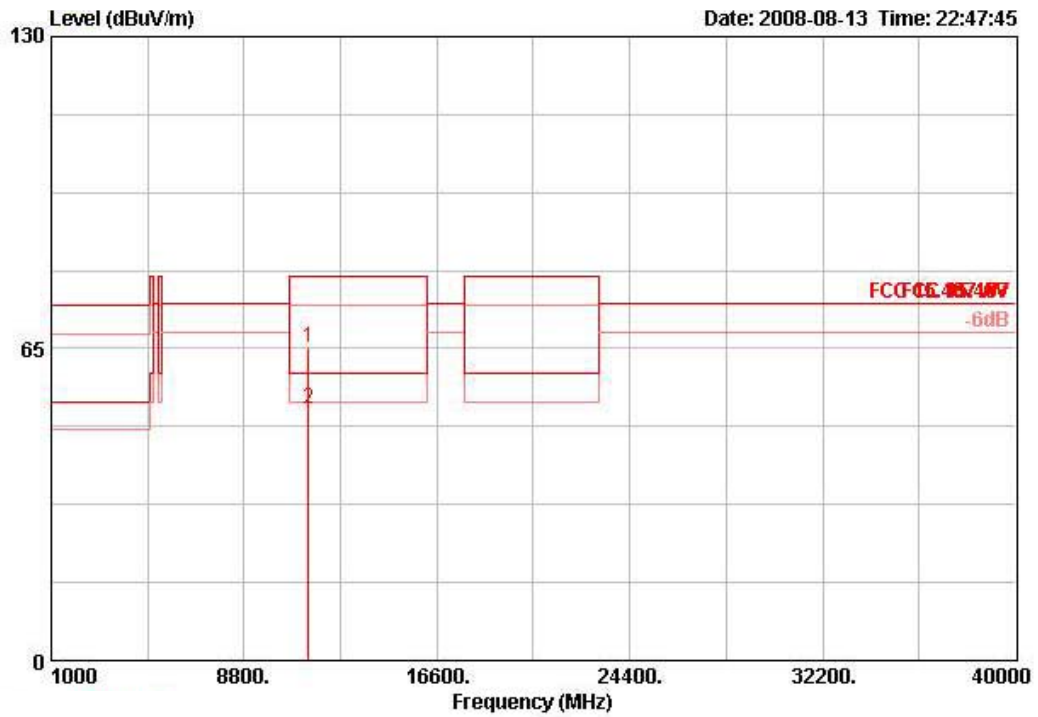
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 140

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11402.900	45.94	-14.06	60.00	35.51	38.70	6.67	34.95	AVERAGE	125	89	HORIZONTAL
2	11403.300	59.57	-20.43	80.00	49.14	38.70	6.67	34.95	PEAK	125	89	HORIZONTAL

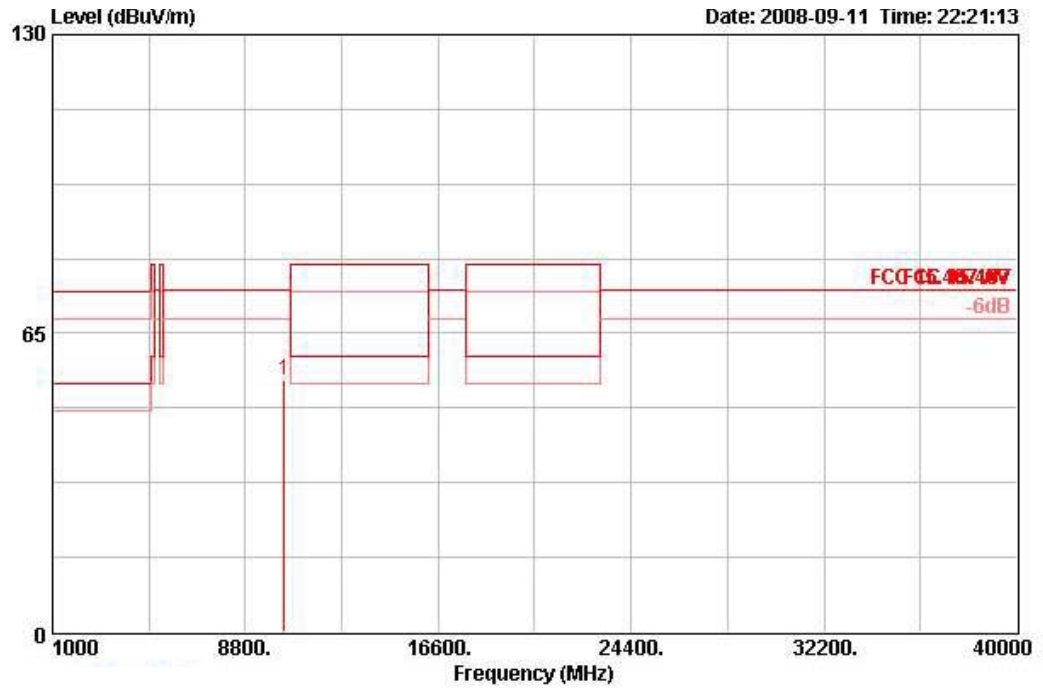
Vertical



	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	11400.600	65.08	-14.92	80.00	56.23	38.48	5.11	34.74	PEAK	100	296	VERTICAL
2	11400.620	52.40	-7.60	60.00	43.55	38.48	5.11	34.74	AVERAGE	100	296	VERTICAL

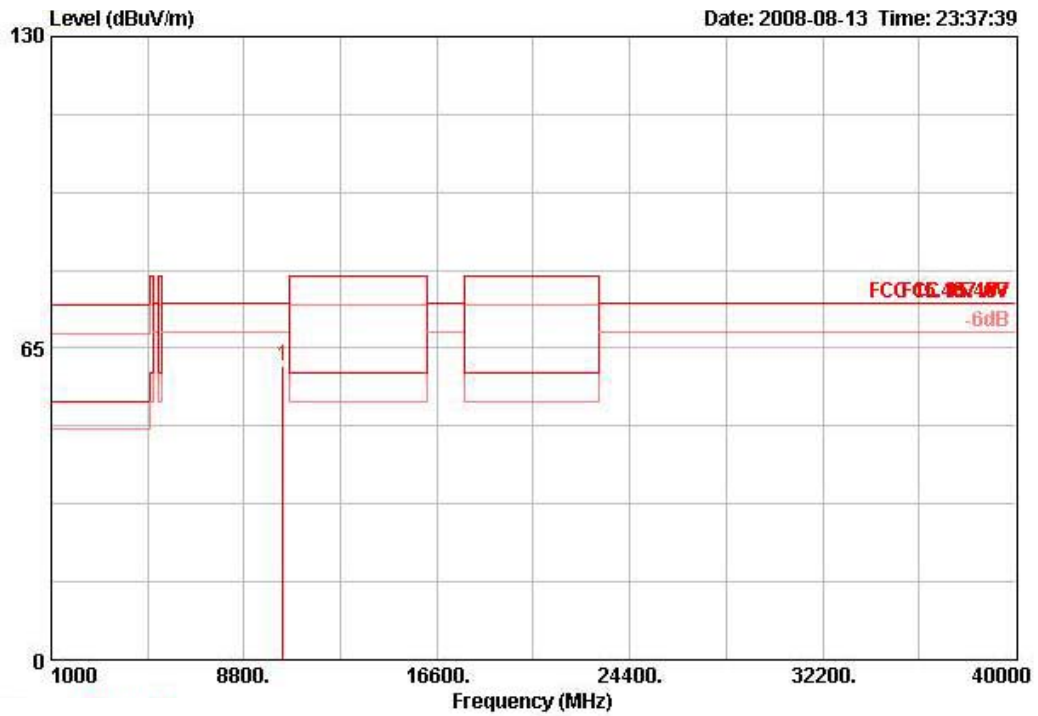
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 38

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	10383.000	54.80	-19.50	74.30	45.14	38.38	6.37	35.09	PEAK	125	81	HORIZONTAL

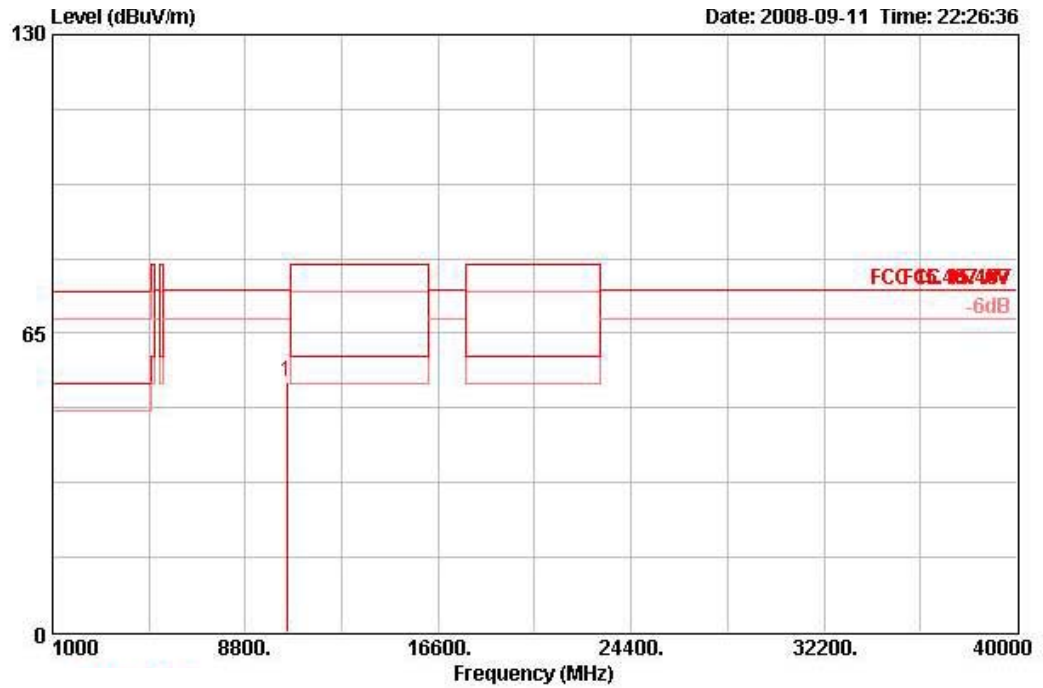
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10380.340	61.11	-13.19	74.30	52.70	38.51	5.24	35.33	PEAK	110	293	VERTICAL

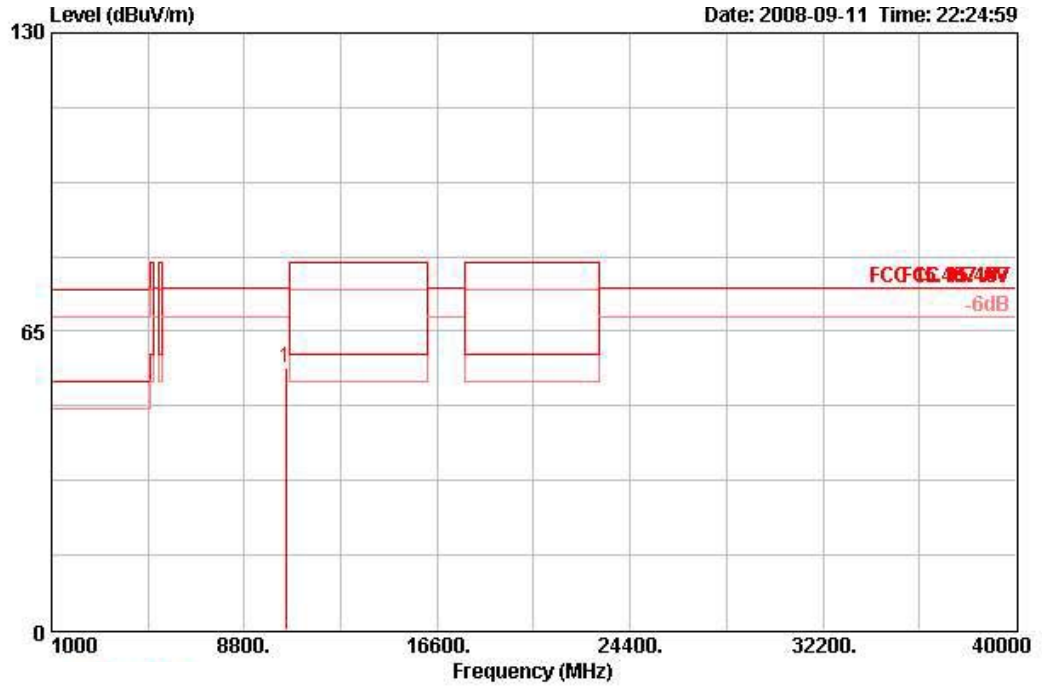
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 46

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	10474.400	54.49	-19.81	74.30	44.60	38.39	6.46	34.96	PEAK	132	78	HORIZONTAL

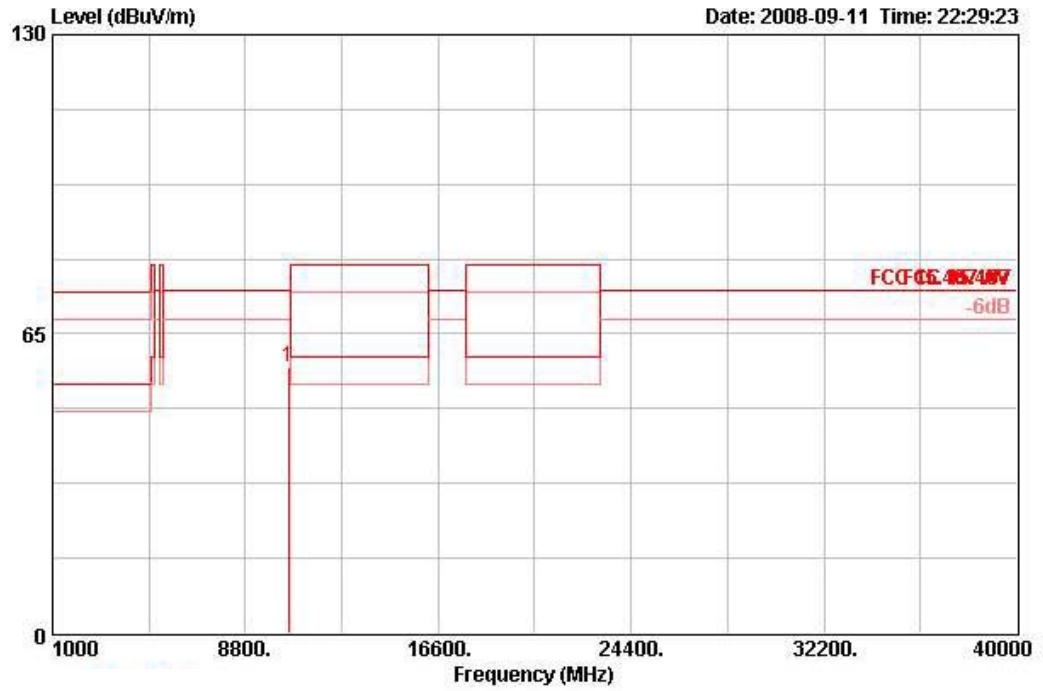
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10463.400	57.22	-17.08	74.30	47.37	38.39	6.44	34.99	PEAK	123	90	VERTICAL

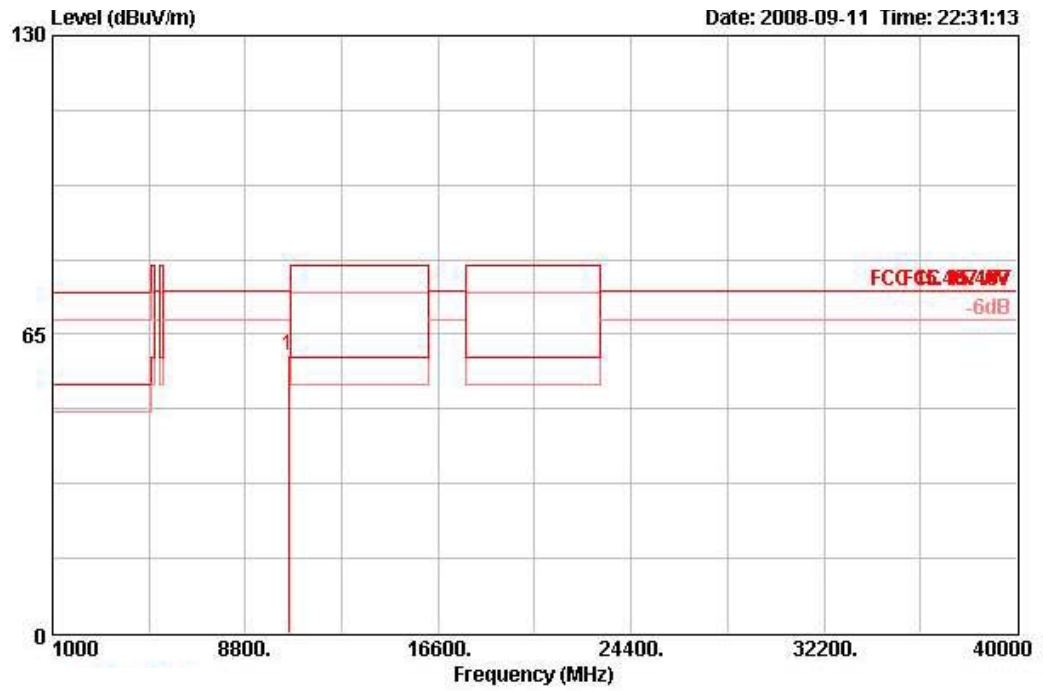
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 54

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	10541.200	57.87	-16.43	74.30	47.90	38.39	6.50	34.92	PEAK	122	80	HORIZONTAL

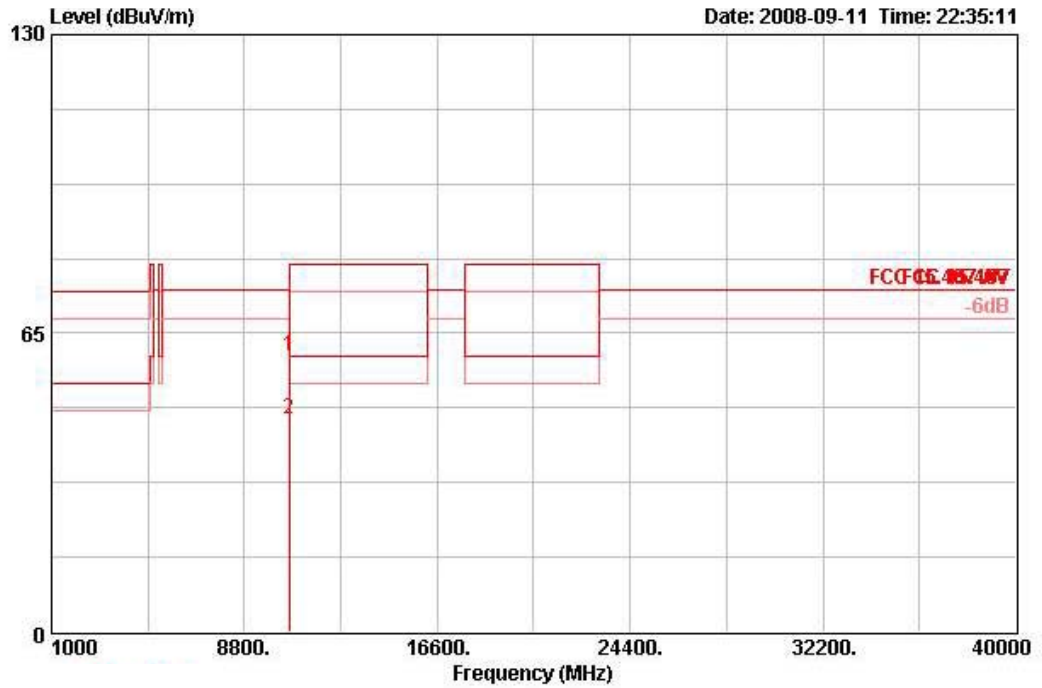
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10544.000	60.42	-13.88	74.30	50.44	38.39	6.50	34.92	PEAK	119	92	VERTICAL

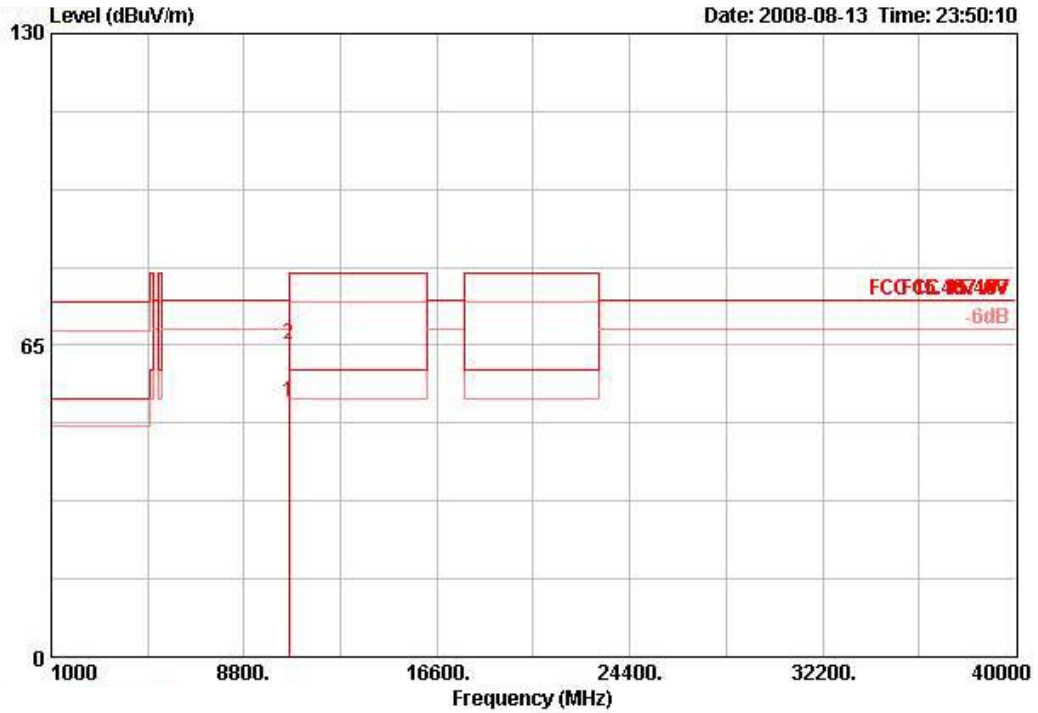
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 62

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10618.600	59.85	-20.15	80.00	49.84	38.38	6.52	34.89	PEAK	123	83	HORIZONTAL
2	10619.800	46.26	-13.74	60.00	36.26	38.38	6.52	34.89	AVERAGE	123	83	HORIZONTAL

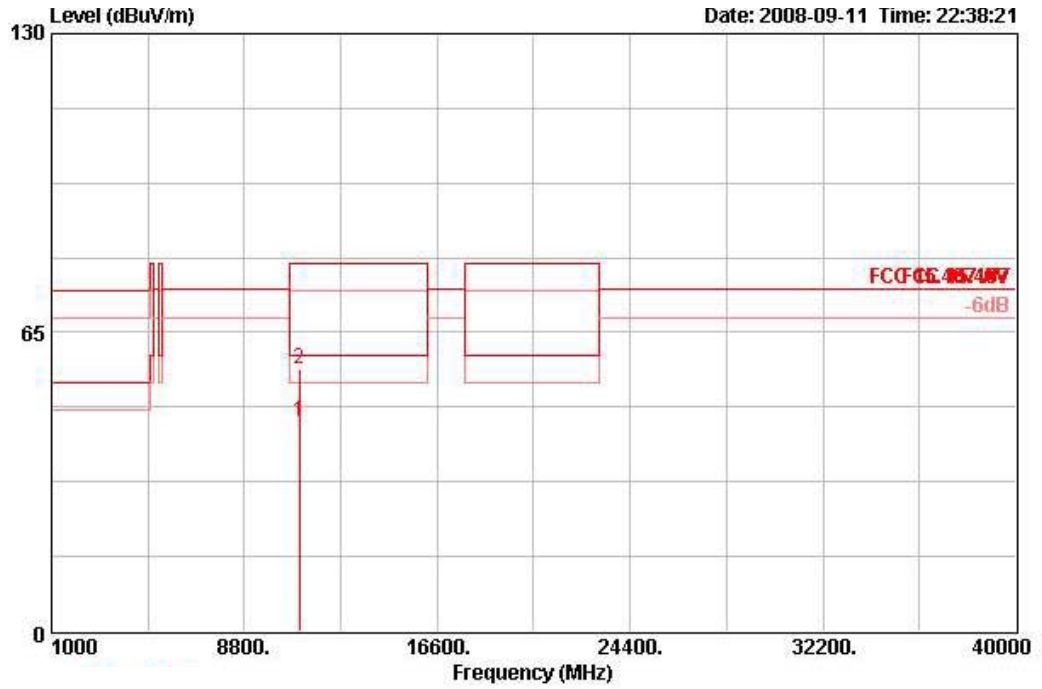
Vertical



	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	10620.060	53.28	-6.72	60.00	44.61	38.55	5.19	35.08	AVERAGE	108	292	VERTICAL
2	10620.840	65.00	-15.00	80.00	56.34	38.55	5.19	35.08	PEAK	108	292	VERTICAL

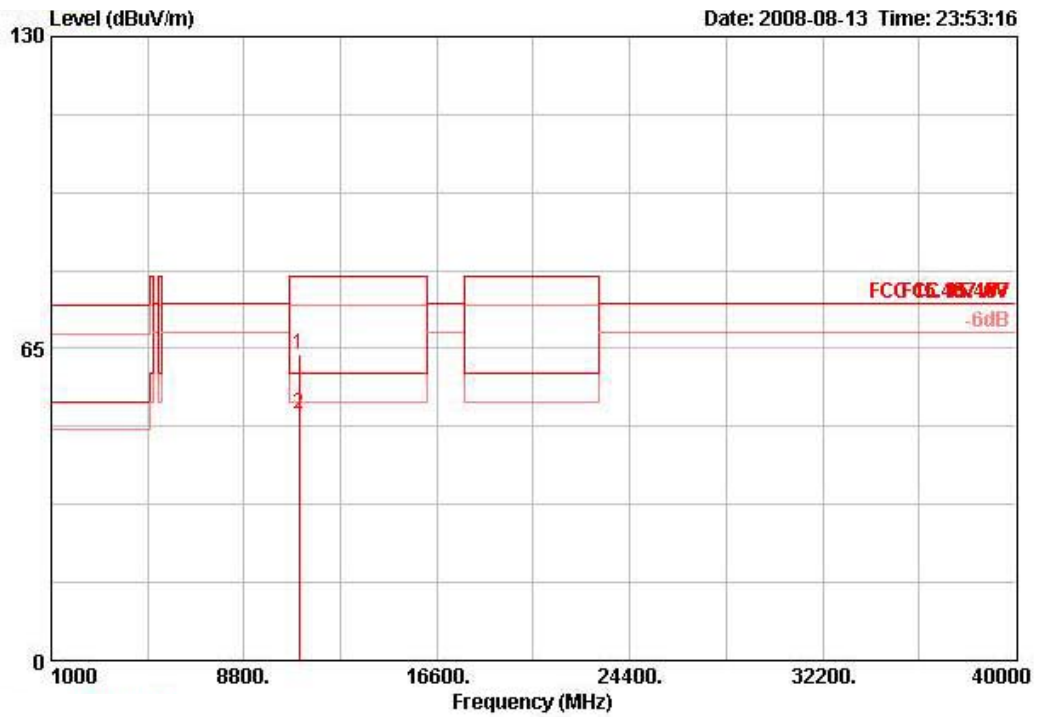
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 102

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	11023.600	45.73	-14.27	60.00	35.52	38.34	6.63	34.77	AVERAGE	135	82	HORIZONTAL
2	11024.000	56.90	-23.10	80.00	46.69	38.34	6.63	34.77	PEAK	135	82	HORIZONTAL

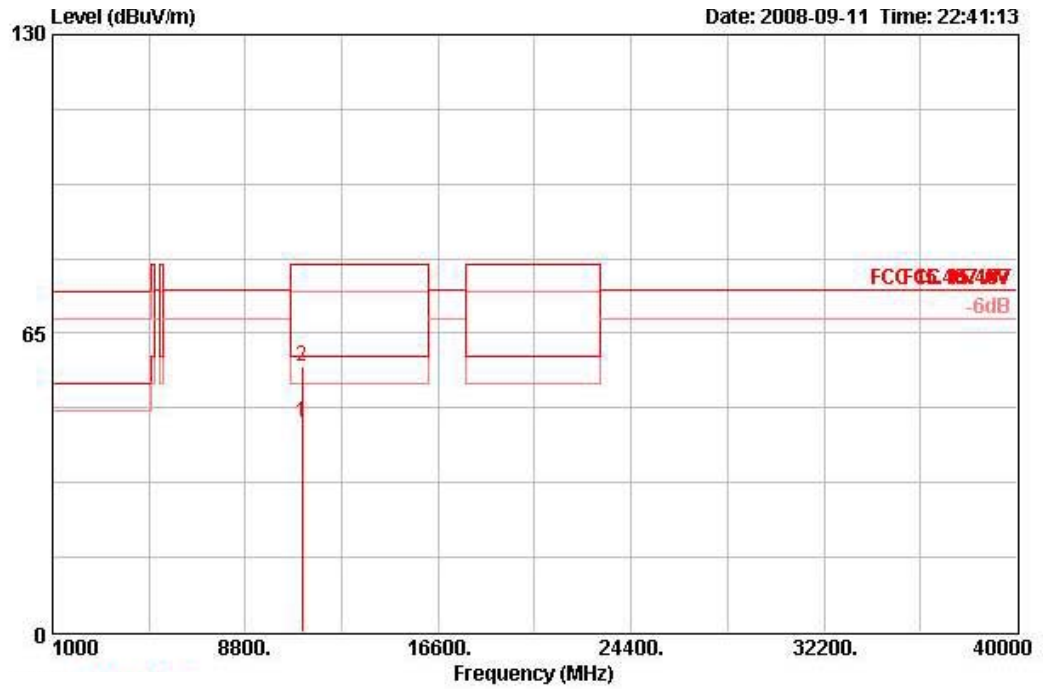
Vertical



	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	11020.360	63.88	-16.12	80.00	55.23	38.40	4.94	34.69	PEAK	101	293	VERTICAL
2	11020.540	51.53	-8.47	60.00	42.88	38.40	4.94	34.69	AVERAGE	101	293	VERTICAL

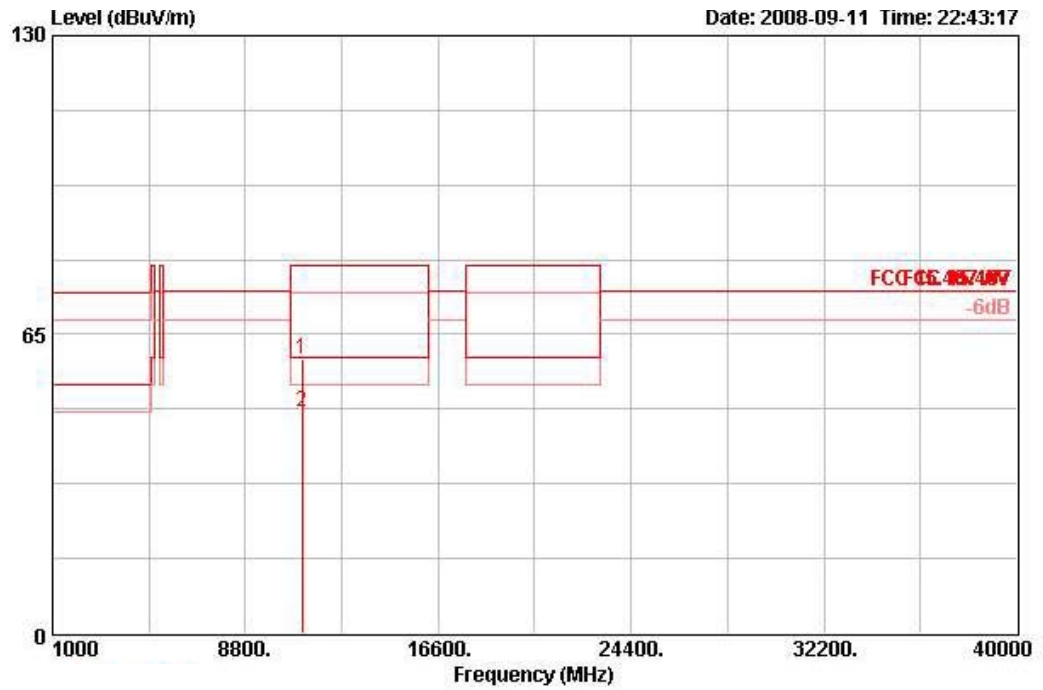
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 110

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	11097.400	45.42	-14.58	60.00	35.18	38.40	6.64	34.80	AVERAGE	114	23	HORIZONTAL
2	11102.400	57.76	-22.24	80.00	47.52	38.40	6.64	34.80	PEAK	114	23	HORIZONTAL

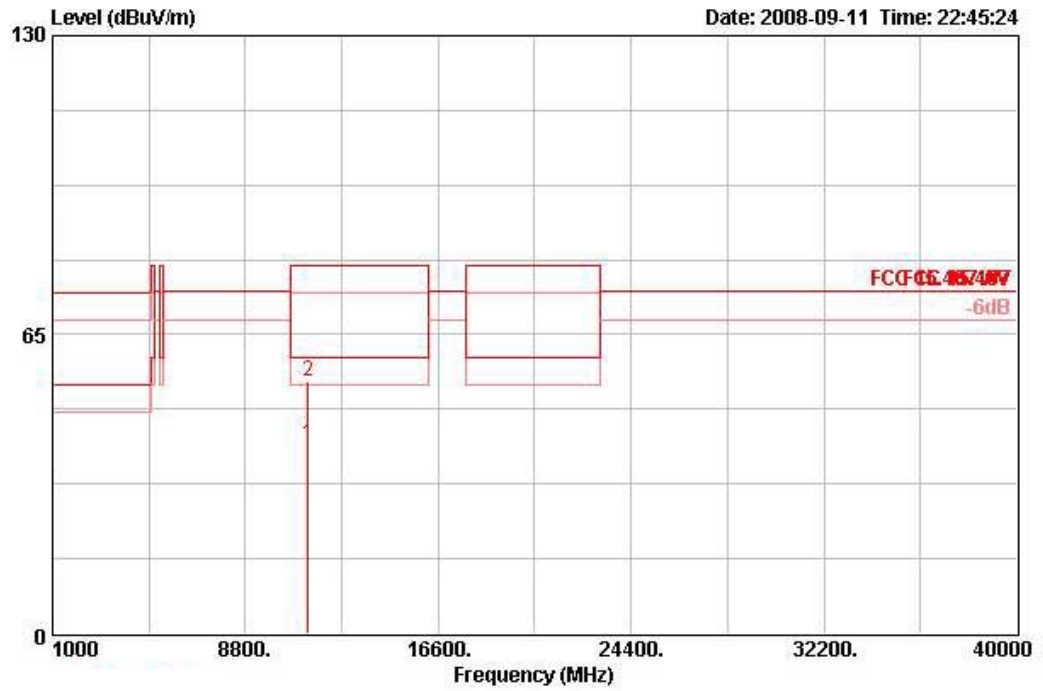
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11095.400	59.68	-20.32	80.00	49.44	38.40	6.64	34.80	PEAK	120	280	VERTICAL
2	11100.400	48.16	-11.84	60.00	37.93	38.40	6.64	34.80	AVERAGE	120	280	VERTICAL

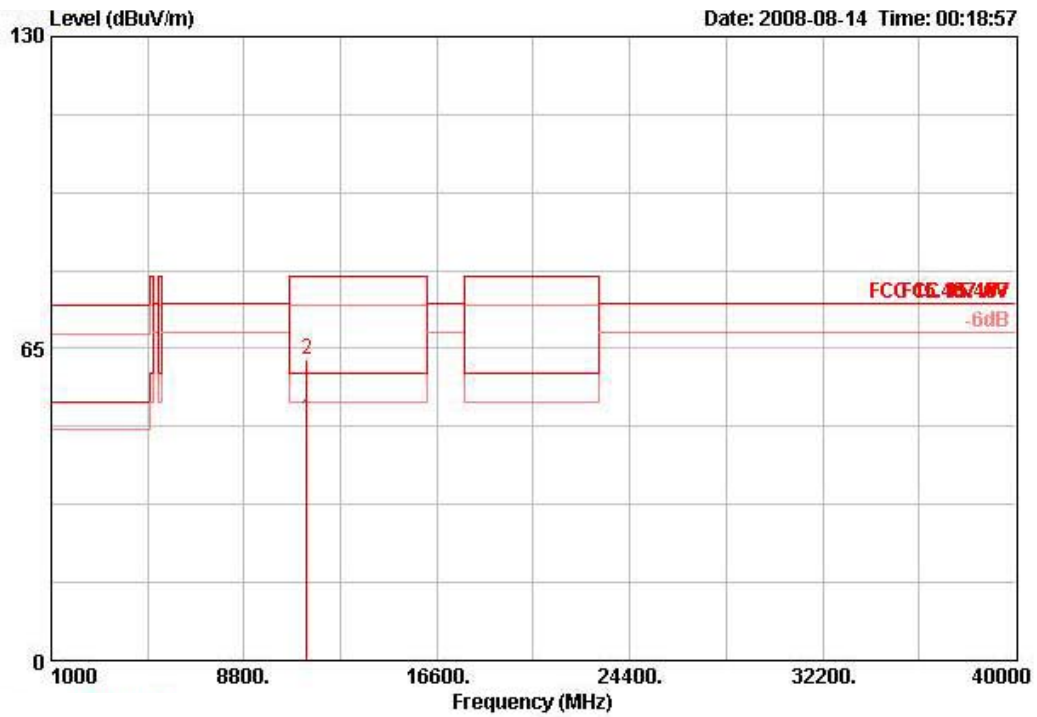
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 134

Horizontal



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11336.280	40.95	-19.05	60.00	30.56	38.63	6.66	34.91	AVERAGE	100	35	HORIZONTAL
2	11341.300	54.65	-25.35	80.00	44.27	38.63	6.66	34.91	PEAK	100	35	HORIZONTAL

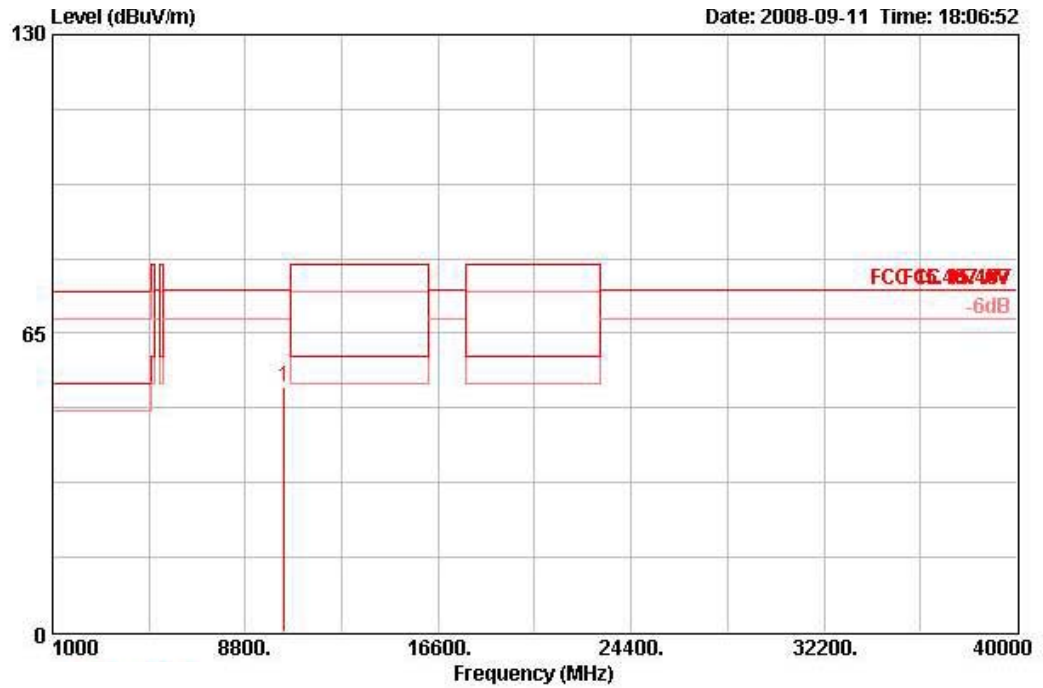
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	11340.500	50.27	-9.73	60.00	41.45	38.47	5.08	34.73	AVERAGE	100	294	VERTICAL
2	11340.920	62.81	-17.19	80.00	53.99	38.47	5.08	34.73	PEAK	100	294	VERTICAL

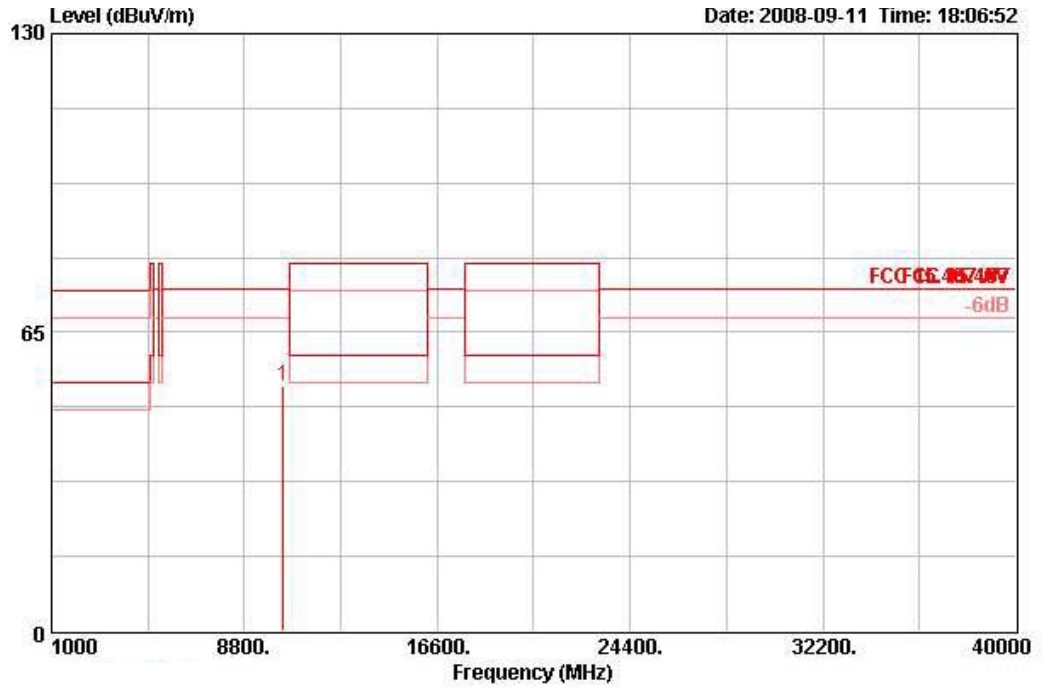
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 36

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	10361.300	53.17	-21.13	74.30	43.57	38.37	6.34	35.12	PEAK	120	34	HORIZONTAL

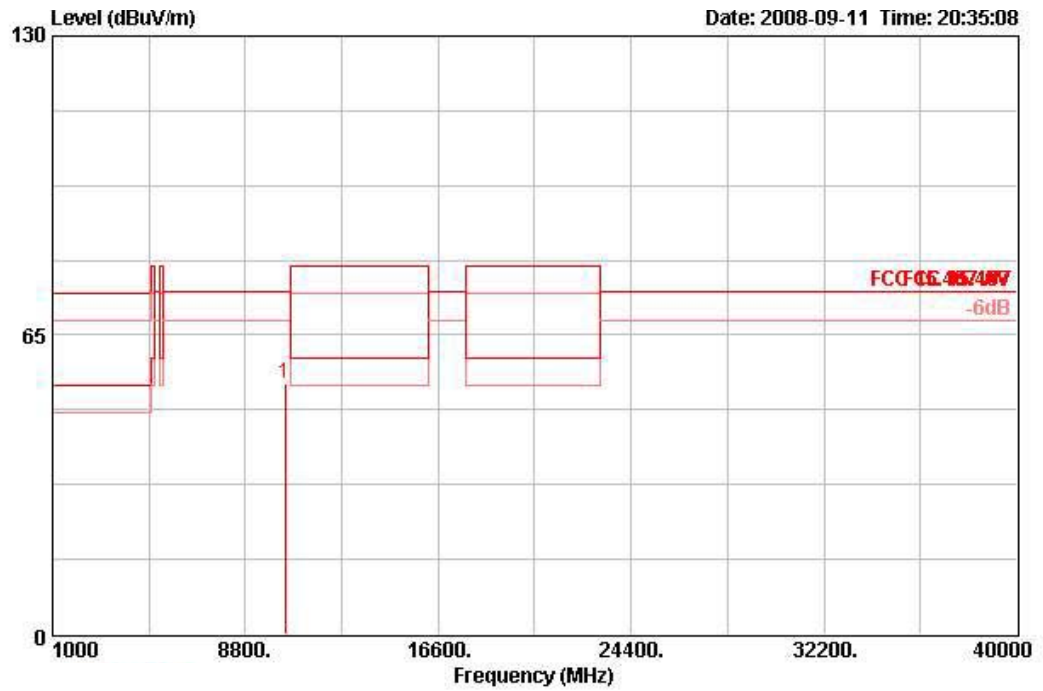
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10361.300	53.17	-21.13	74.30	43.57	38.37	6.34	35.12	PEAK	120	34	HORIZONTAL

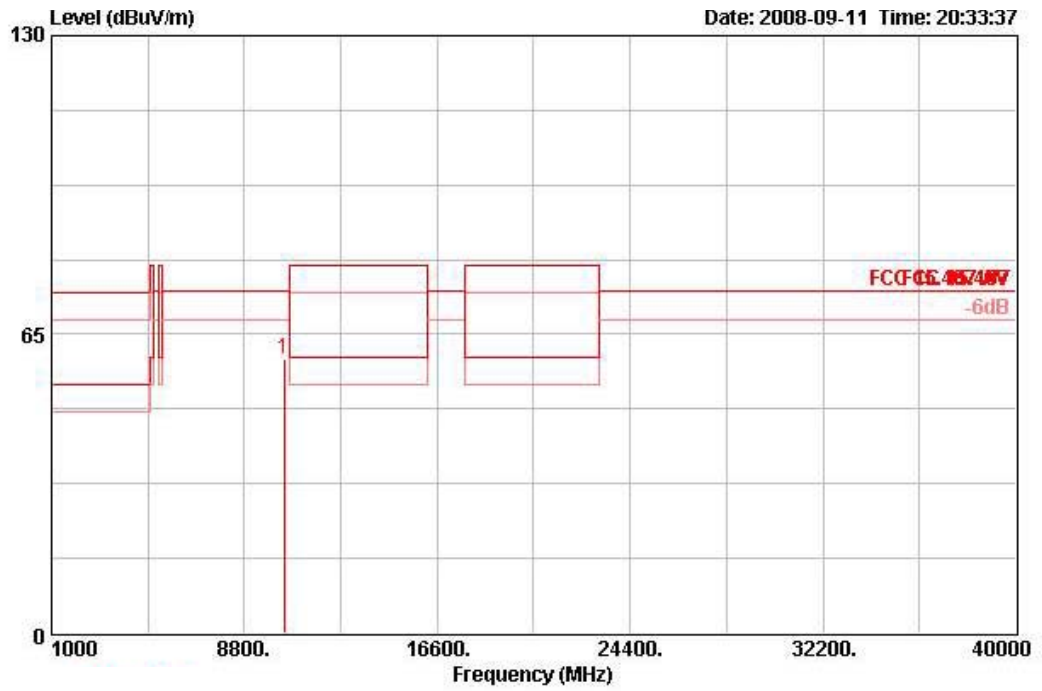
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 40

Horizontal



	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table		
1	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Pol/Phase	
	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1	-19.97	74.30	44.67	38.38	6.37	35.09	119	99	HORIZONTAL	PEAK

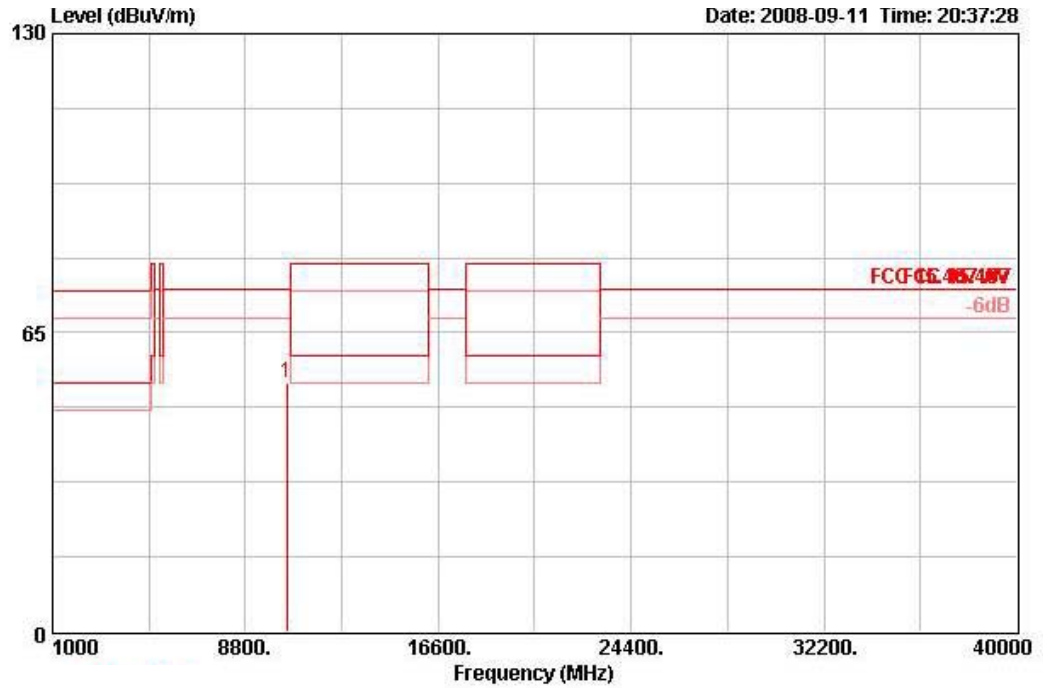
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10400.100	59.77	-14.53	74.30	50.06	38.38	6.39	35.05	PEAK	121	42	VERTICAL

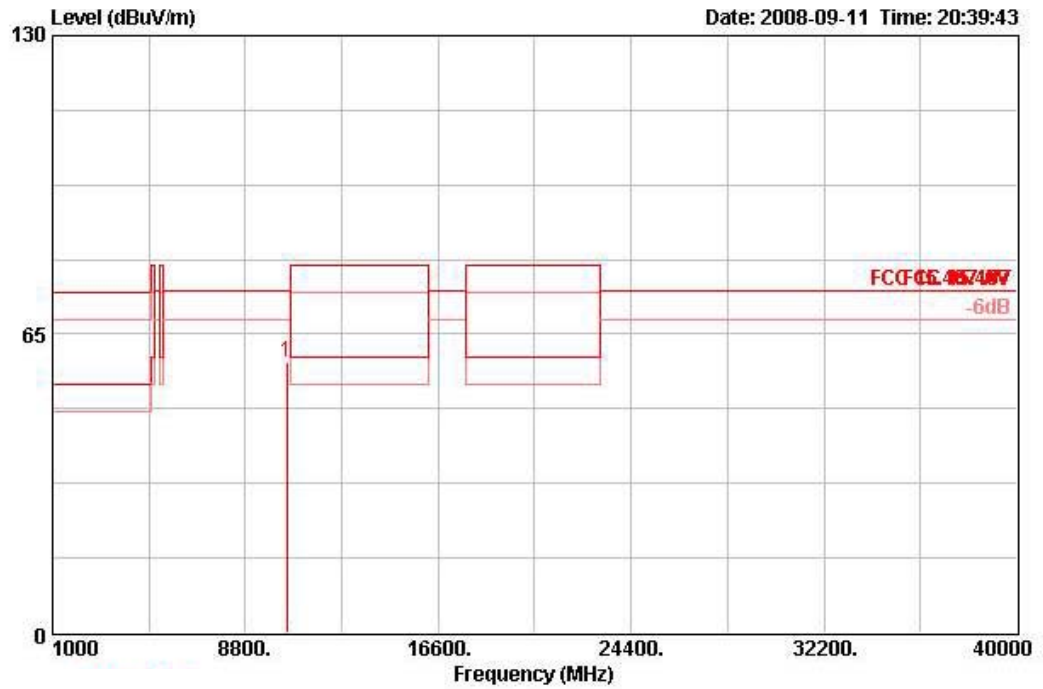
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 48

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	10483.500	54.13	-20.17	74.30	44.23	38.39	6.46	34.96	PEAK	120	88	HORIZONTAL

Vertical

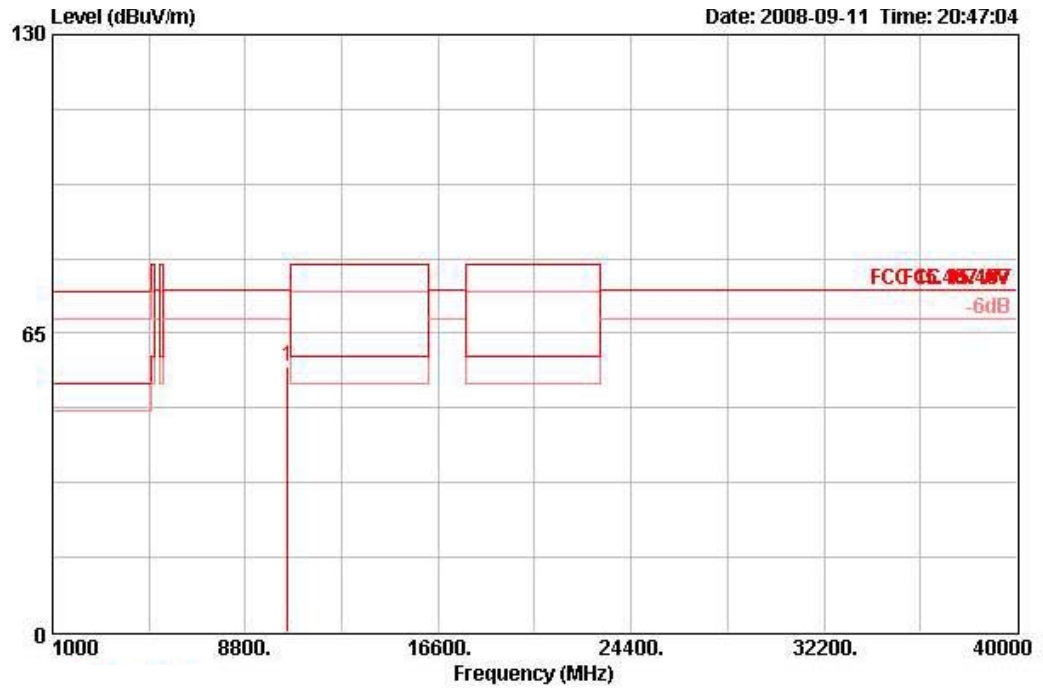


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	10483.500	58.81	-15.49	74.30	48.91	38.40	6.46	34.96	PEAK	124	88	VERTICAL



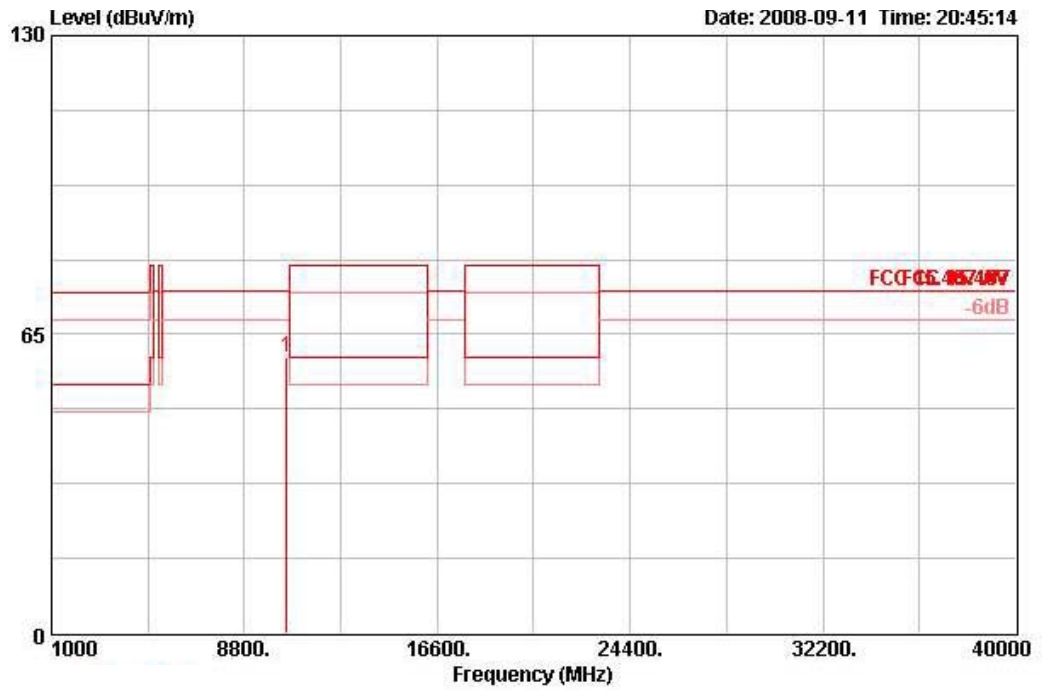
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 52

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	10522.900	57.93	-16.37	74.30	47.99	38.40	6.48	34.93	PEAK	138	96	HORIZONTAL

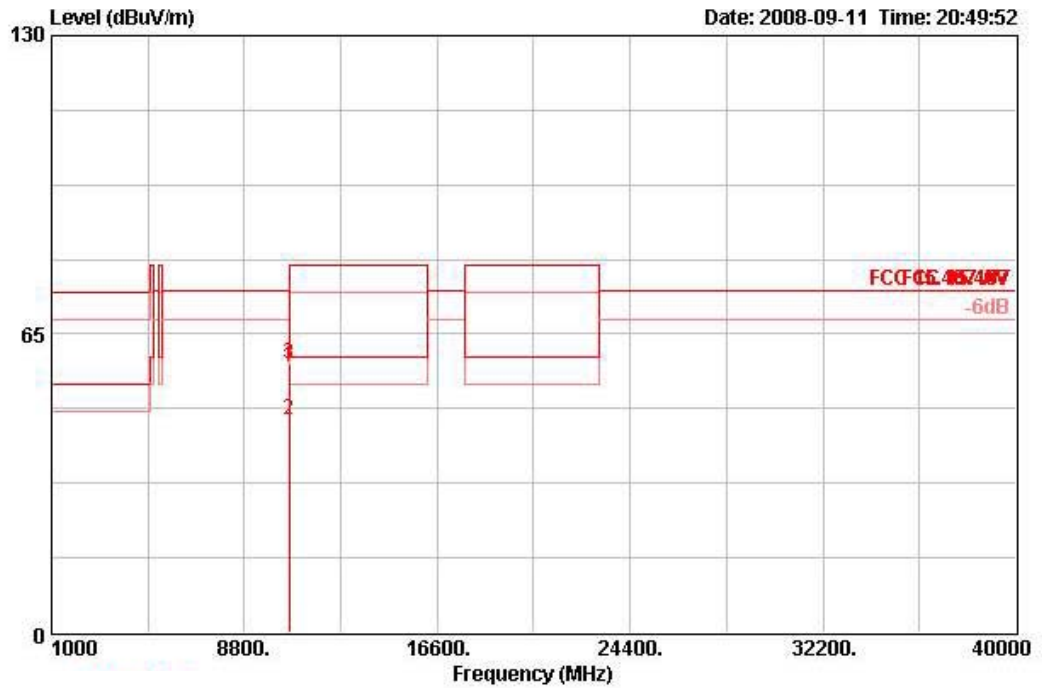
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10523.100	59.95	-14.35	74.30	50.01	38.39	6.48	34.93	PEAK	117	281	VERTICAL

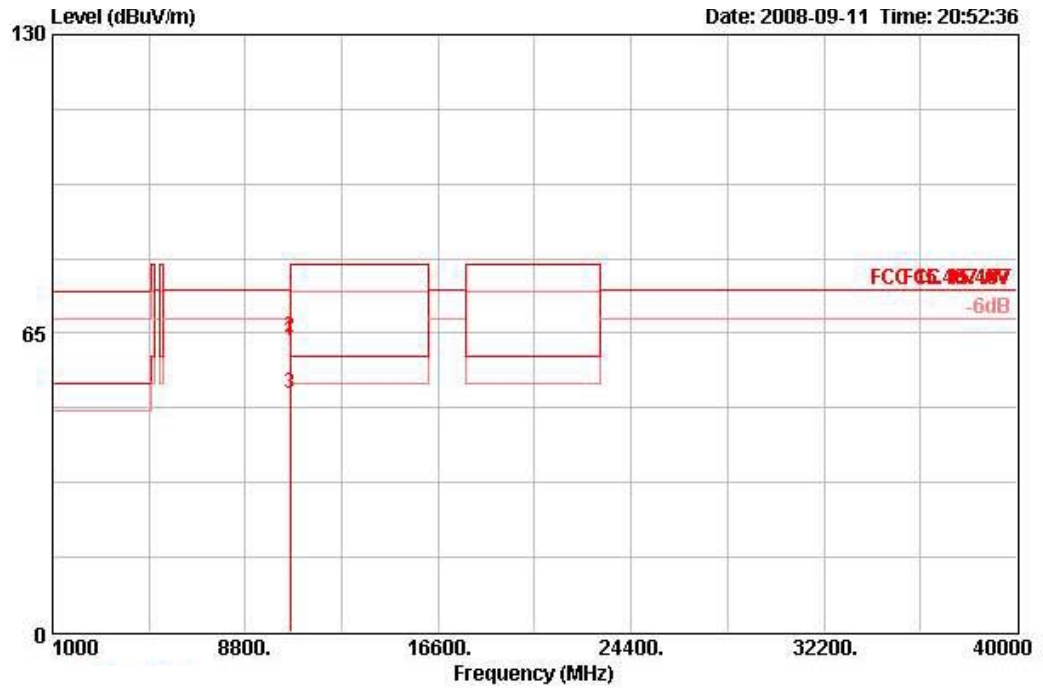
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 60

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	10597.600	57.93	-16.37	74.30	47.94	38.38	6.51	34.90	PEAK	120	93	HORIZONTAL
2	10602.400	46.46	-13.54	60.00	36.45	38.38	6.52	34.89	AVERAGE	120	93	HORIZONTAL
3	10603.100	58.52	-21.48	80.00	48.51	38.38	6.52	34.89	PEAK	120	93	HORIZONTAL

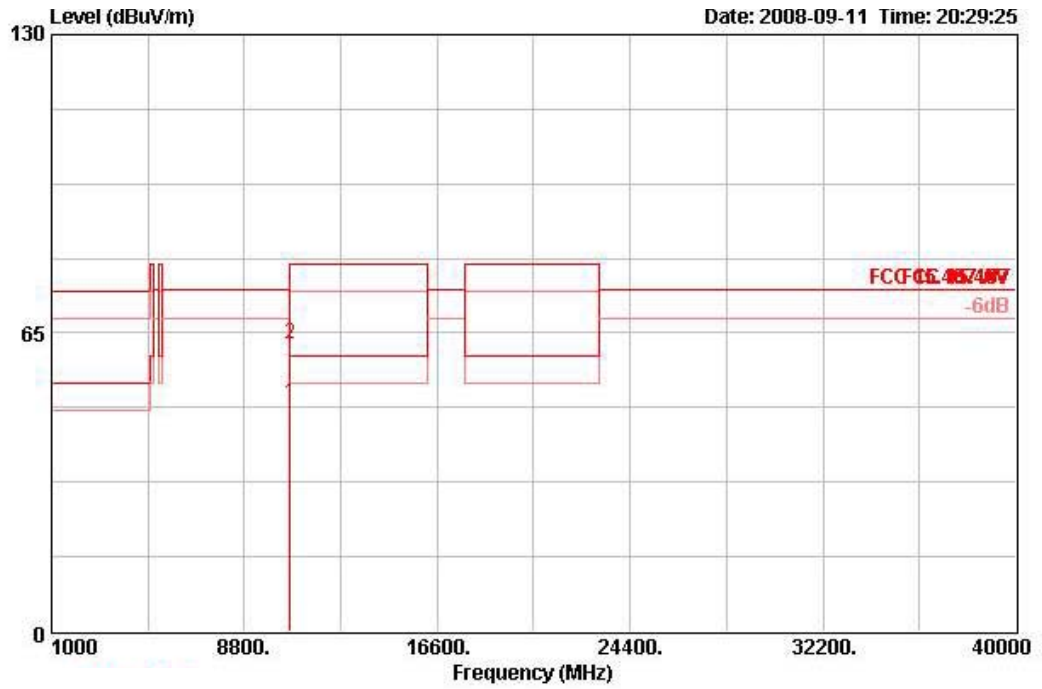
Vertical



	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	10598.100	63.19	-11.11	74.30	53.20	38.38	6.51	34.90	PEAK	138	91	VERTICAL
2	10603.000	64.24	-15.76	80.00	54.24	38.38	6.52	34.89	PEAK	138	91	VERTICAL
3	10603.400	51.71	-8.29	60.00	41.70	38.38	6.52	34.89	AVERAGE	138	91	VERTICAL

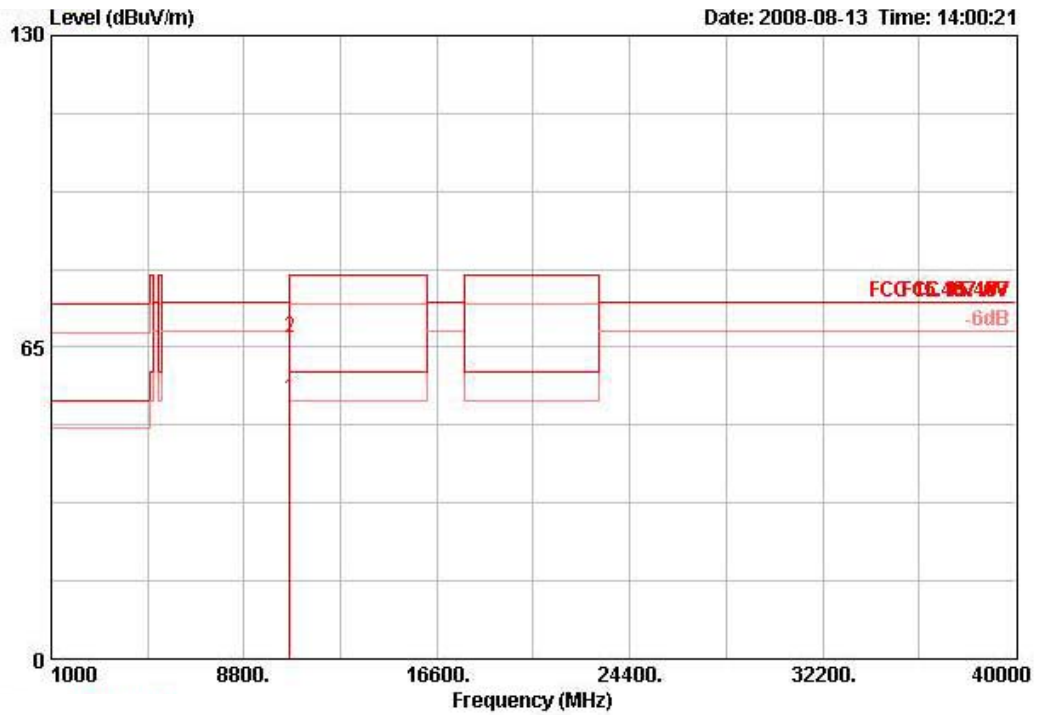
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 64

Horizontal



	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	10638.000	49.73	-10.27	60.00	39.71	38.37	6.53	34.88	AVERAGE	123	94 HORIZONTAL
2	10642.600	62.56	-17.44	80.00	52.54	38.37	6.53	34.88	PEAK	123	94 HORIZONTAL

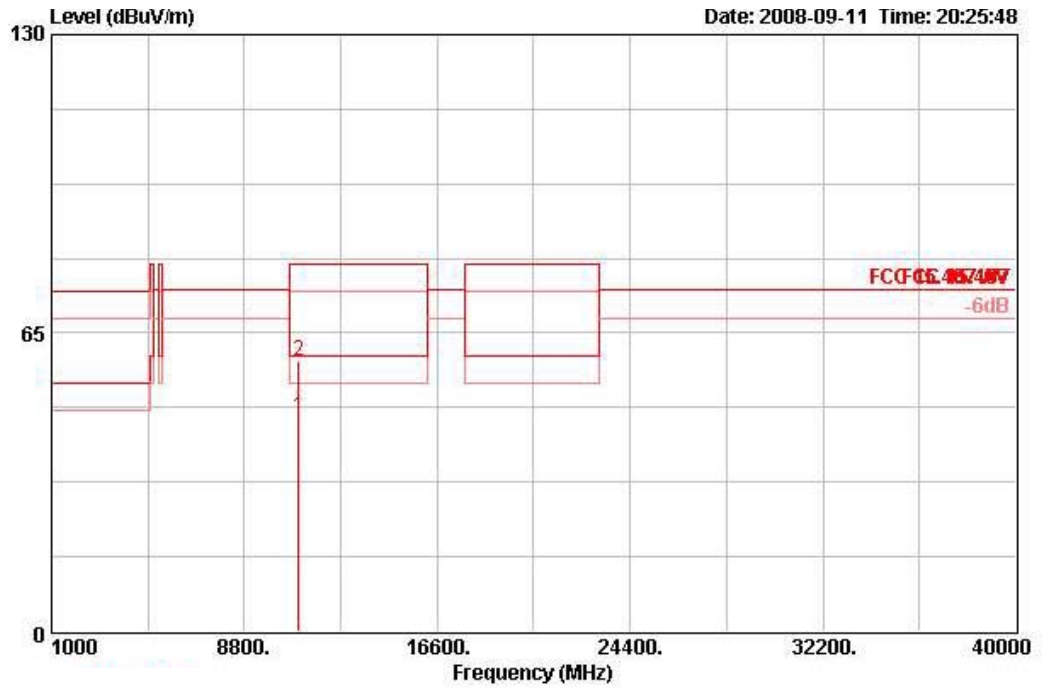
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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 @	10640.680	54.32	-5.68	60.00	45.65	38.54	5.17	35.05	AVERAGE	111	298	VERTICAL
2	10640.800	67.00	-13.00	80.00	58.33	38.54	5.17	35.05	PEAK	111	298	VERTICAL

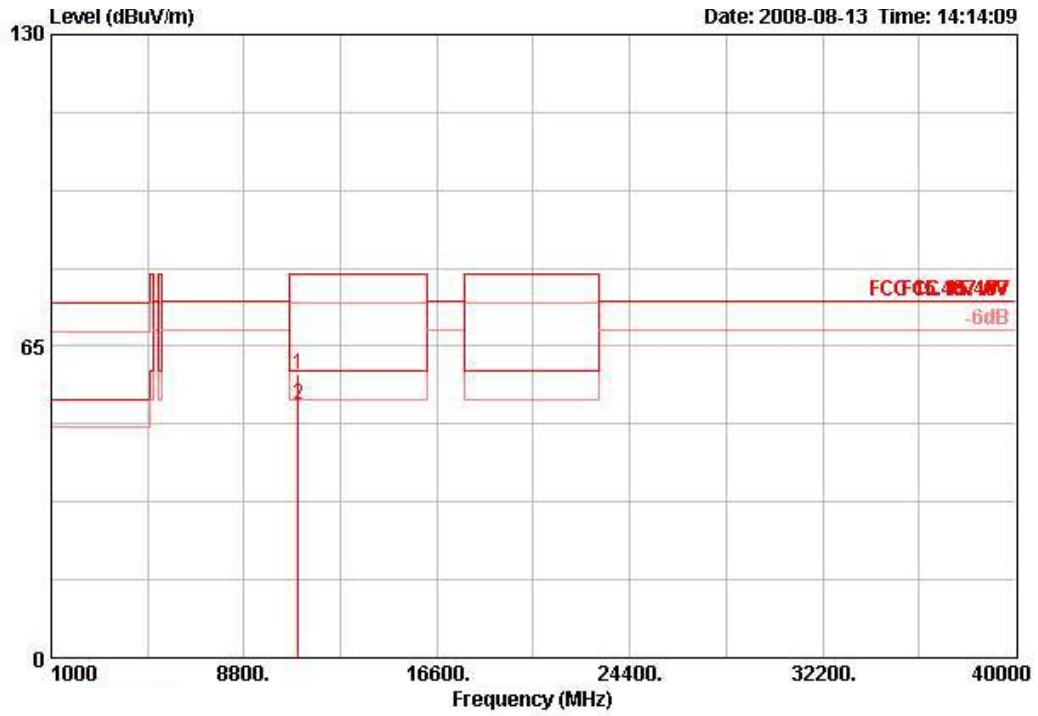
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 100

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	10997.900	46.70	-13.30	60.00	36.51	38.32	6.63	34.76	AVERAGE	118	95	HORIZONTAL
2	11003.000	58.89	-21.11	80.00	48.71	38.32	6.63	34.76	PEAK	118	95	HORIZONTAL

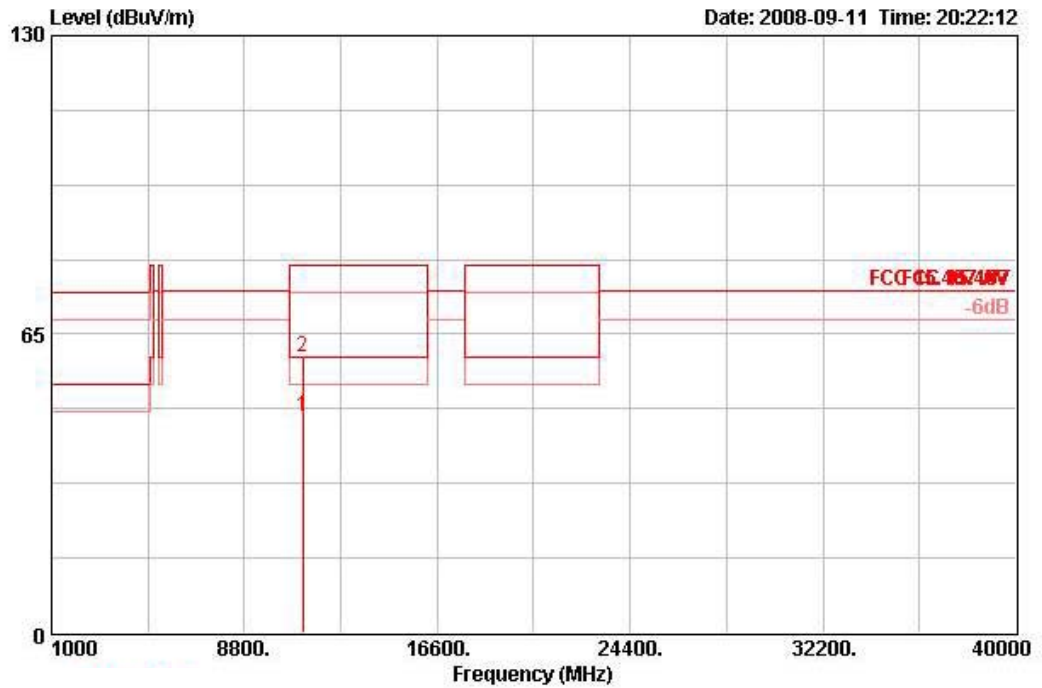
Vertical



	Freq	Level	Over Limit	Limit Line	ReadAntenna 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	10996.180	59.23	-20.77	80.00	50.59	38.40	4.93	34.69	PEAK	103	296	VERTICAL
2	11001.300	52.67	-7.33	60.00	44.03	38.40	4.93	34.69	AVERAGE	103	296	VERTICAL

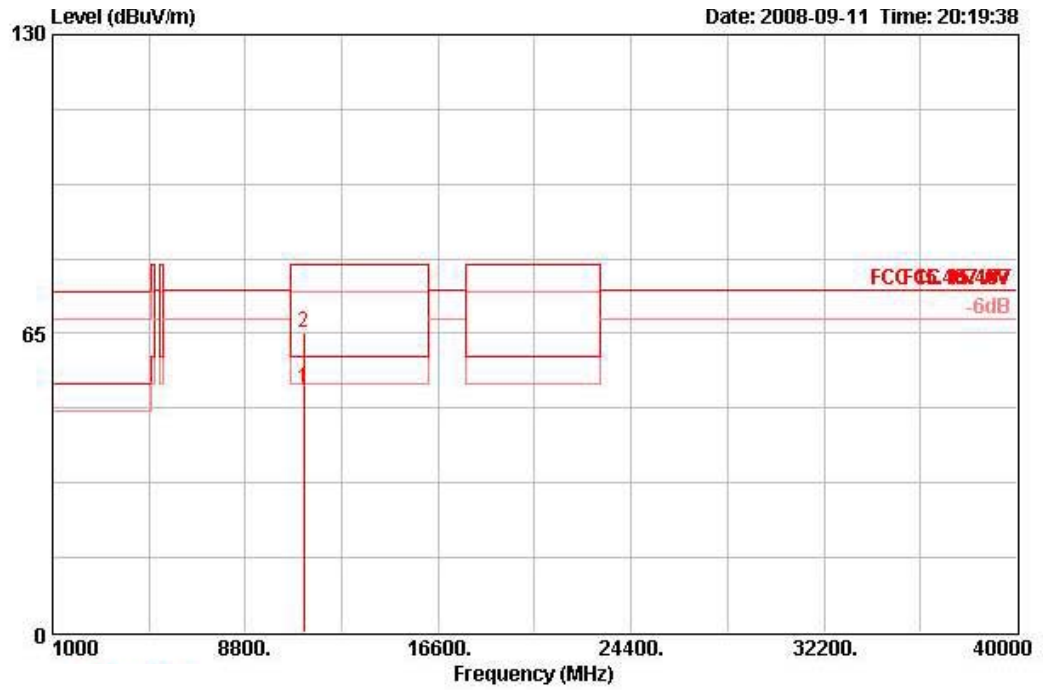
Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 116

Horizontal



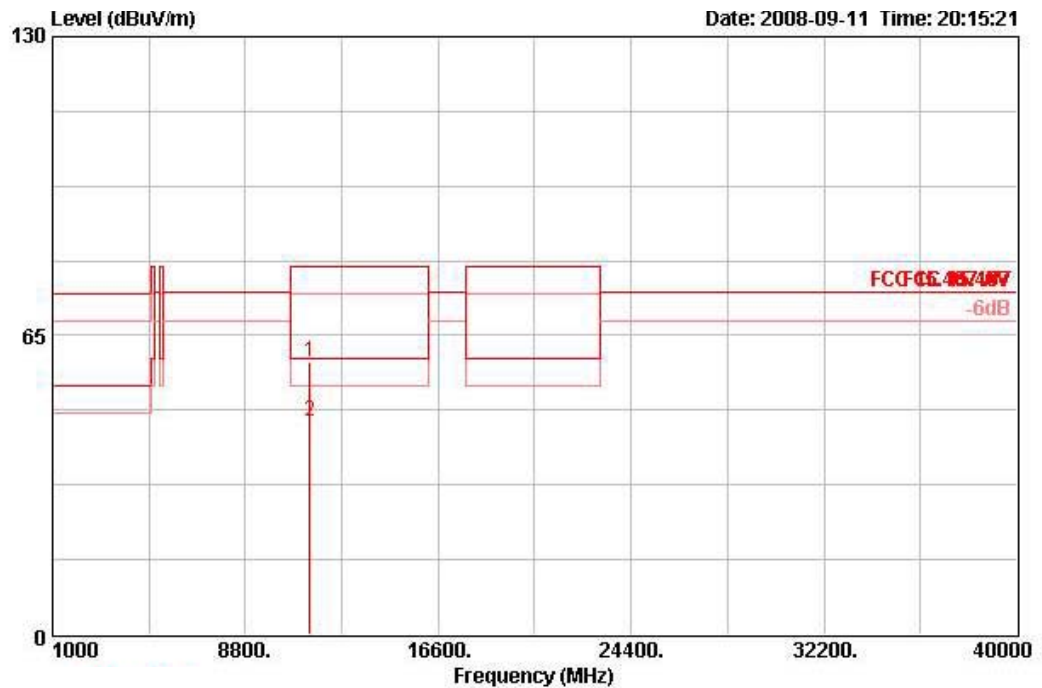
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11162.200	46.97	-13.03	60.00	36.69	38.47	6.65	34.83	AVERAGE	113	26	HORIZONTAL
2	11162.200	60.12	-19.88	80.00	49.83	38.47	6.65	34.83	PEAK	113	26	HORIZONTAL

Vertical



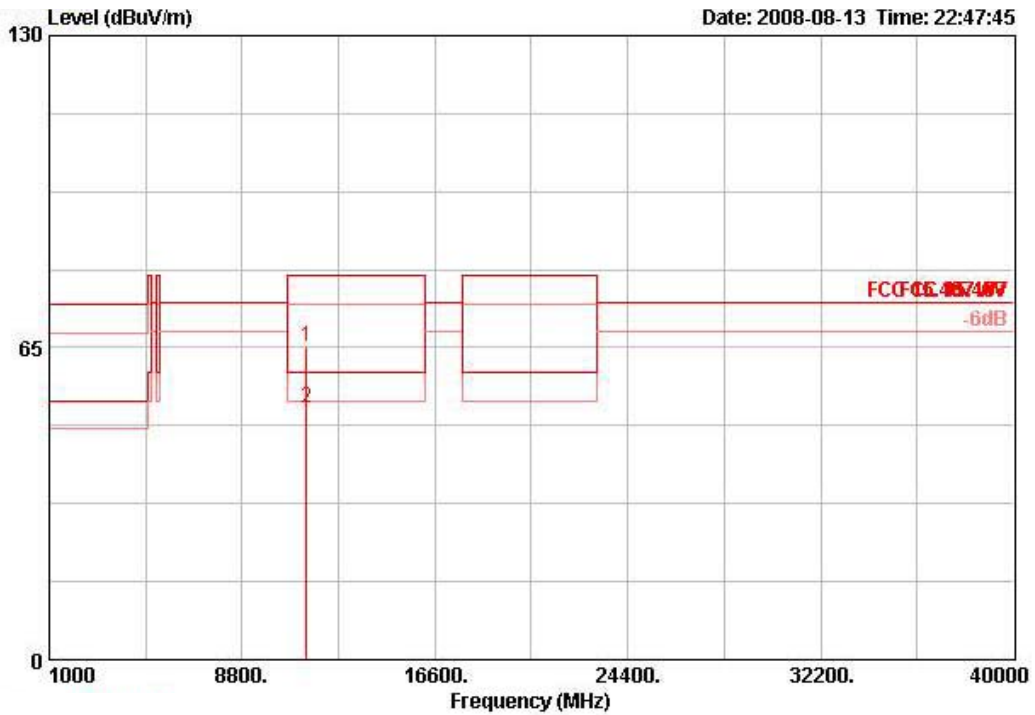
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11160.200	52.81	-7.19	60.00	42.52	38.47	6.65	34.83	AVERAGE	122	281	VERTICAL
2	11160.900	65.08	-14.92	80.00	54.80	38.47	6.65	34.83	PEAK	122	281	VERTICAL

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 140

Horizontal


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Rnt Pos	Table Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	11400.800	59.08	-20.92	80.00	48.65	38.70	6.67	34.95	PEAK	108	25	HORIZONTAL
2	11401.800	46.47	-13.53	60.00	36.05	38.70	6.67	34.95	AVERAGE	108	25	HORIZONTAL

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	11400.600	65.08	-14.92	80.00	56.23	38.48	5.11	34.74	PEAK	100	296	VERTICAL
2	11400.620	52.40	-7.60	60.00	43.55	38.48	5.11	34.74	AVERAGE	100	296	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.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

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

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

4.7. Band Edge Emissions Measurement

4.7.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.470-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.725-5.825 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz (78.3dBuV/m at 3m); for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). In addition, in case the emission falls 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 (micovolts/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

4.7.2. 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)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	1 MHz / 1 MHz for Peak

4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3, only the frequency 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.

4.7.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.6.4.

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 36, 40, 64
Test Date	Aug. 13, 2008		

Channel 36

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table	
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5150.000	55.98	-4.02	60.00	19.44	33.04	3.50	0.00	AVERAGE	111	240	VERTICAL
2	5150.000	66.91	-13.09	80.00	30.37	33.04	3.50	0.00	PEAK	111	240	VERTICAL
3 @	5175.400	112.24			75.63	33.09	3.52	0.00	PEAK	111	240	VERTICAL
4 @	5185.400	102.67			66.06	33.09	3.52	0.00	AVERAGE	111	240	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 36, 40, 64
Test Date	Sep. 11, 2008		

Channel 40

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table	
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	5144.400	69.11	-10.89	80.00	31.34	33.67	4.11	0.00	PEAK	127	251	VERTICAL
2 !	5150.000	55.33	-4.67	60.00	17.56	33.67	4.11	0.00	AVERAGE	127	251	VERTICAL
3 over	5198.400	111.93			74.03	33.76	4.13	0.00	PEAK	127	251	VERTICAL
4 over	5198.400	101.34			63.44	33.76	4.13	0.00	AVERAGE	127	251	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 36, 40, 64
Test Date	Aug. 13, 2008		

Channel 64

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table	
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5322.600	117.54			80.64	33.31	3.60	0.00	PEAK	100	148	VERTICAL
2 @	5323.000	107.99			71.09	33.31	3.60	0.00	AVERAGE	100	148	VERTICAL
3 @	5350.000	57.21	-2.79	60.00	20.23	33.36	3.61	0.00	AVERAGE	100	148	VERTICAL
4	5350.000	69.59	-10.41	80.00	32.62	33.36	3.61	0.00	PEAK	100	148	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 100, 140
Test Date	Aug. 13, 2008		

Channel 100

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	5458.000	58.11	-1.89	60.00	20.93	33.52	3.67	0.00	AVERAGE	100	222 VERTICAL
2	5459.800	70.75	-9.25	80.00	33.57	33.52	3.67	0.00	PEAK	100	222 VERTICAL
3 @	5470.000	69.72	-4.58	74.30	32.51	33.55	3.67	0.00	PEAK	100	222 VERTICAL
4 @	5498.200	109.25			71.97	33.60	3.68	0.00	AVERAGE	100	222 VERTICAL
5 @	5503.000	118.93			81.65	33.60	3.68	0.00	PEAK	100	222 VERTICAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 20MHz Ch 100, 140
Test Date	Aug. 01, 2008		

Channel 140

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Remark	Ant	Table
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 @	5698.200	118.17			80.32	34.17	3.69	0.00	PEAK	100	228 VERTICAL
2 @	5698.400	108.33			70.47	34.17	3.69	0.00	AVERAGE	100	228 VERTICAL
3 @	5725.000	71.59	-2.71	74.30	33.63	34.27	3.69	0.00	PEAK	100	228 VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 38, 54, 62
Test Date	Aug. 13, 2008		

Channel 38

	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 @	5150.000	55.78	-4.22	60.00	19.24	33.04	3.50	0.00	AVERAGE	103	249	VERTICAL
2	5150.000	66.69	-13.31	80.00	30.15	33.04	3.50	0.00	PEAK	102	249	VERTICAL
3 @	5186.400	107.34			70.73	33.09	3.52	0.00	PEAK	102	249	VERTICAL
4 @	5186.400	97.92			61.31	33.09	3.52	0.00	AVERAGE	102	249	VERTICAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 38, 54, 62
Test Date	Sep. 11, 2008		

Channel 54

	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	5140.400	69.14	-10.86	80.00	31.39	33.64	4.11	0.00	PEAK	123	255	VERTICAL
2 !	5150.000	55.17	-4.83	60.00	17.39	33.67	4.11	0.00	AVERAGE	123	255	VERTICAL
3 over	5233.200	109.60			71.63	33.82	4.15	0.00	PEAK	123	255	VERTICAL
4 over	5243.200	99.15			61.17	33.82	4.16	0.00	AVERAGE	123	255	VERTICAL

Item 1, 2 are the fundamental frequency at 5270 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 38, 54, 62
Test Date	Aug. 13, 2008		

Channel 62

	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 @	5323.200	105.94			69.04	33.31	3.60	0.00	AVERAGE	100	221	VERTICAL
2 @	5323.600	115.03			78.13	33.31	3.60	0.00	PEAK	100	221	VERTICAL
3 @	5350.000	57.80	-2.20	60.00	20.83	33.36	3.61	0.00	AVERAGE	100	221	VERTICAL
4	5350.000	68.33	-11.67	80.00	31.36	33.36	3.61	0.00	PEAK	100	221	VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 102, 110, 134
Test Date	Aug. 14, 2008		

Channel 102

	Freq	Level	Over Limit	Limit Line	ReadAntenna 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 @	5460.000	58.32	-1.68	60.00	21.14	33.52	3.67	0.00	AVERAGE	100	222	VERTICAL
2	5460.000	69.00	-11.00	80.00	31.81	33.52	3.67	0.00	PEAK	100	222	VERTICAL
3 @	5469.200	70.64	-3.66	74.30	33.42	33.55	3.67	0.00	PEAK	100	222	VERTICAL
4 @	5508.000	106.64			69.36	33.60	3.68	0.00	AVERAGE	100	222	VERTICAL
5 @	5508.800	115.73			78.45	33.60	3.68	0.00	PEAK	100	222	VERTICAL

Item 4, 5 are the fundamental frequency at 5510 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 102, 110, 134
Test Date	Sep. 11, 2008		

Channel 110

	Freq	Level	Over Limit	Limit Line	ReadAntenna 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 !	5460.000	58.49	-1.51	60.00	20.01	34.21	4.28	0.00	AVERAGE	120	245	VERTICAL
2	5460.000	70.75	-9.25	80.00	32.26	34.21	4.28	0.00	PEAK	120	245	VERTICAL
3 !	5470.000	70.61	-3.69	74.30	32.08	34.24	4.29	0.00	PEAK	120	245	VERTICAL
4 over	5548.400	105.80			67.17	34.31	4.32	0.00	AVERAGE	120	245	VERTICAL
5 over	5553.200	116.03			77.40	34.31	4.32	0.00	PEAK	120	245	VERTICAL

Item 4, 5 are the fundamental frequency at 5550 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	Draft n MCS0 40MHz Ch 102, 110, 134
Test Date	Aug. 14, 2008		

Channel 134

	Freq	Level	Over Limit	Limit Line	ReadAntenna 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 @	5668.000	106.13			68.32	34.12	3.69	0.00	AVERAGE	100	226	VERTICAL
2 @	5668.400	115.41			77.60	34.12	3.69	0.00	PEAK	100	226	VERTICAL
3 @	5725.400	71.07	-3.23	74.30	33.11	34.27	3.69	0.00	PEAK	100	226	VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 36, 40, 64
Test Date	Aug. 13, 2008		

Channel 36

	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	5147.200	68.99	-11.01	80.00	32.45	33.04	3.50	0.00	PEAK	119	225	VERTICAL
2 @	5147.800	55.98	-4.02	60.00	19.44	33.04	3.50	0.00	AVERAGE	119	225	VERTICAL
3 @	5173.800	114.24			77.63	33.09	3.52	0.00	PEAK	119	225	VERTICAL
4 @	5178.400	104.99			68.38	33.09	3.52	0.00	AVERAGE	119	225	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 36, 40, 64
Test Date	Sep. 11, 2008		

Channel 40

	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	5146.000	69.66	-10.34	80.00	31.89	33.67	4.11	0.00	PEAK	128	336	VERTICAL
2 !	5150.000	55.47	-4.53	60.00	17.70	33.67	4.11	0.00	AVERAGE	128	336	VERTICAL
3 over	5193.600	111.28			73.41	33.73	4.13	0.00	PEAK	128	336	VERTICAL
4 over	5198.800	101.07			63.17	33.76	4.13	0.00	AVERAGE	128	336	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 36, 40, 64
Test Date	Aug. 13, 2008		

Channel 64

	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 @	5323.200	108.53			71.63	33.31	3.60	0.00	AVERAGE	100	222	VERTICAL
2 @	5323.400	118.13			81.22	33.31	3.60	0.00	PEAK	100	222	VERTICAL
3 @	5350.000	56.87	-3.13	60.00	19.90	33.36	3.61	0.00	AVERAGE	100	222	VERTICAL
4	5350.000	68.78	-11.22	80.00	31.81	33.36	3.61	0.00	PEAK	100	222	VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 100, 140
Test Date	Aug. 13, 2008		

Channel 100

	Freq	Level	Over	Limit	ReadAntenna		Cable Preamp		Remark	Ant	Table	
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1	5457.000	71.20	-8.80	80.00	34.02	33.52	3.67	0.00	PEAK	109	240	VERTICAL
2 @	5457.800	58.20	-1.80	60.00	21.02	33.52	3.67	0.00	AVERAGE	109	240	VERTICAL
3 @	5470.000	70.80	-3.50	74.30	33.59	33.55	3.67	0.00	PEAK	109	240	VERTICAL
4 @	5505.400	108.85			71.57	33.60	3.68	0.00	AVERAGE	109	240	VERTICAL
5 @	5505.400	117.93			80.65	33.60	3.68	0.00	PEAK	109	240	VERTICAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

Temperature	24.3°C	Humidity	56%
Test Engineer	Jacky Ho	Configurations	802.11a Ch 100, 140
Test Date	Aug. 13, 2008		

Channel 140

	Freq	Level	Over	Limit	ReadAntenna		Cable Preamp		Remark	Ant	Table	
			Limit	Line	Level	Factor	Loss	Factor		Pos	Pos	Pol/Phase
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg	
1 @	5698.200	110.98			73.12	34.17	3.69	0.00	AVERAGE	114	227	VERTICAL
2 @	5698.200	120.34			82.48	34.17	3.69	0.00	PEAK	114	227	VERTICAL
3 @	5727.200	73.08	-1.22	74.30	35.11	34.27	3.69	0.00	PEAK	114	227	VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

Note:

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

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

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1.5m.

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

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

4.8. Frequency Stability Measurement

4.8.1. Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emissions is maintained within the band of operation under all conditions of normal operation as specified in the user's manual or $\pm 20\text{ppm}$ (Draft n specification).

4.8.2. Measuring Instruments and Setting

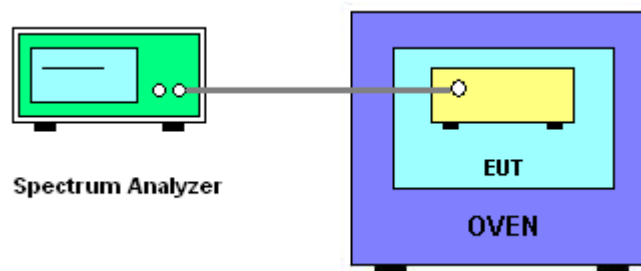
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RB	10 kHz
VB	10 kHz
Sweep Time	Auto

4.8.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyser.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f)/f_c \times 10^6$ ppm and the limit is less than $\pm 20\text{ppm}$ (Draft n specification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature rule is $-30^\circ\text{C} \sim 50^\circ\text{C}$.
8. Measuring multiple antennas, the connector is required to link with Power Meter through a combiner.

4.8.4. Test Setup Layout



4.8.5. Test Deviation

There is no deviation with the original standard.

4.8.6. EUT Operation during Test

The EUT was programmed to be in continuously un-modulation transmitting mode.

4.8.7. Test Result of Frequency Stability

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)	
	5200	5300
(V)		
126.50	5200.01871	5300.014150
110.00	5200.02853	5300.023720
93.50	5200.0251	5300.022000
Max. Deviation (MHz)	0.028530	0.023720
Max. Deviation (ppm)	5.49	4.48

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)	
	5200	5300
(°C)		
-30	5200.0512	5300.054400
-20	5200.0412	5300.052100
-10	5200.0315	5300.043200
0	5200.0211	5300.012900
10	5200.0101	5300.003800
20	5200.0089	5299.998700
30	5199.9981	5299.987200
40	5199.9885	5299.971000
50	5199.9723	5299.961900
Max. Deviation (MHz)	0.051200	0.054400
Max. Deviation (ppm)	9.85	10.2642

4.9. Antenna Requirements

4.9.1. 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.

4.9.2. 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	100174	9kHz – 2.75GHz	Mar. 03, 2008	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Mar. 31, 2008	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Mar. 22, 2008	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2008	Conduction (CO04-HY)
ISN	SCHAFFNER	ISN ST08	21653	9kHz – 30MHz	Mar. 27, 2008	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 14, 2008	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	COA9231A	18667	9 kHz - 2 GHz	Jan. 14, 2008	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jul. 21, 2008	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	9121372	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP40	100004	9 kHz - 40 GHz	Sep. 27, 2007	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	May 23, 2007*	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 12, 2008	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	Apr. 04, 2008	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jan. 18, 2008	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec. 03, 2007	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec. 03, 2007	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)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 14, 2008	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	COA9231A	18667	9 kHz - 2 GHz	Jan. 14, 2008	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jul. 21, 2008	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	9121372	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP40	100004	9 kHz - 40 GHz	Sep. 27, 2007	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	May 23, 2007*	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 12, 2008	Radiation (03CH03-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	Apr. 04, 2008	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jan.18, 2008	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec. 03, 2007	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec. 03, 2007	Radiation (03CH03-HY)
Turn Table	HD	DS 420	420/650/00	0 – 360 degree	N/A	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Jan. 10, 2008	Conducted (TH01-HY)
Power Meter	R&S	NRVS	100444	DC ~ 40GHz	Jul. 11, 2008	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z51	100458	DC ~ 30GHz	Jul. 11, 2008	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z32	100057	30MHz ~ 6GHz	Jul. 11, 2008	Conducted (TH01-HY)
AC Power Source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	May 30, 2008*	Conducted (TH01-HY)
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Mar. 13, 2008	Conducted (TH01-HY)
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, 2007	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 01, 2007	Conducted (TH01-HY)
Vector Signal Generator	R&S	SMU200A	102098	100kHz ~ 6GHz	Nov. 14, 2007	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Mar. 10, 2008	Conducted (TH01-HY)
oscilloscope	Tektonix	TDS380	B016197	400MHz/ 2GS/s	Jun. 27, 2008	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 2 nd 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

PI, total 9 pages

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