Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11339.900	42.12	60.00	-17.88	31.98	6.74	35.24	38.63	260	100	AVERAGE	VERTICAL
2	11340.100	57.49	80.00	-22.51	47.36	6.74	35.24	38.63	260	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
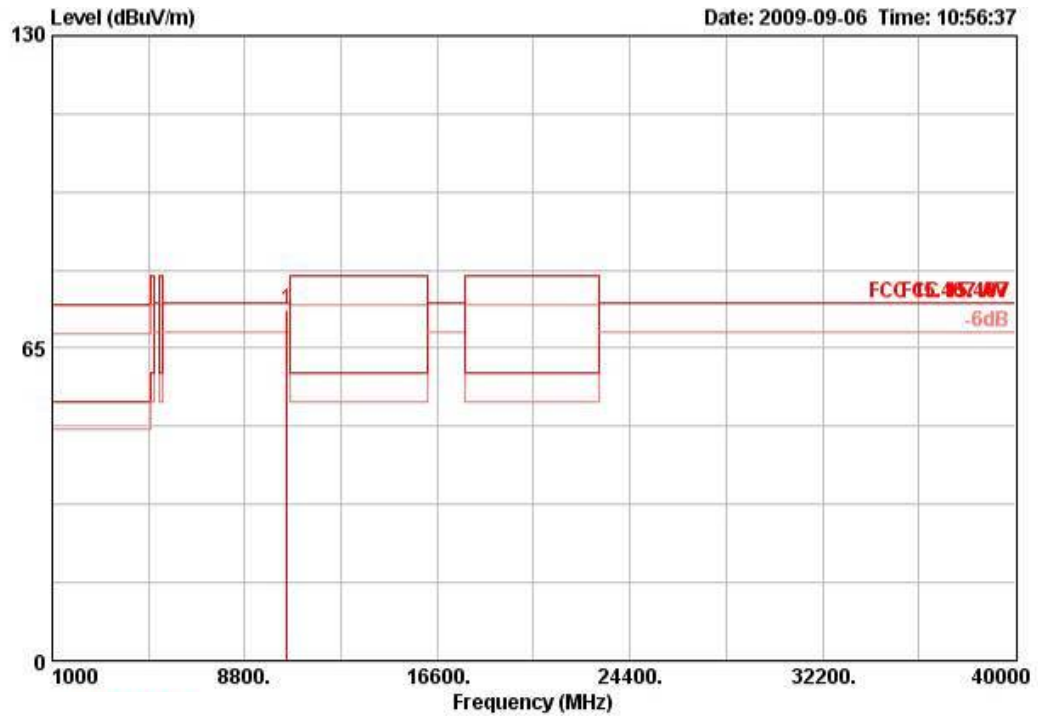
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 52 / Ant. 3

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10521.600	72.94	74.30	-1.36	63.45	6.58	35.48	38.40	296	107	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

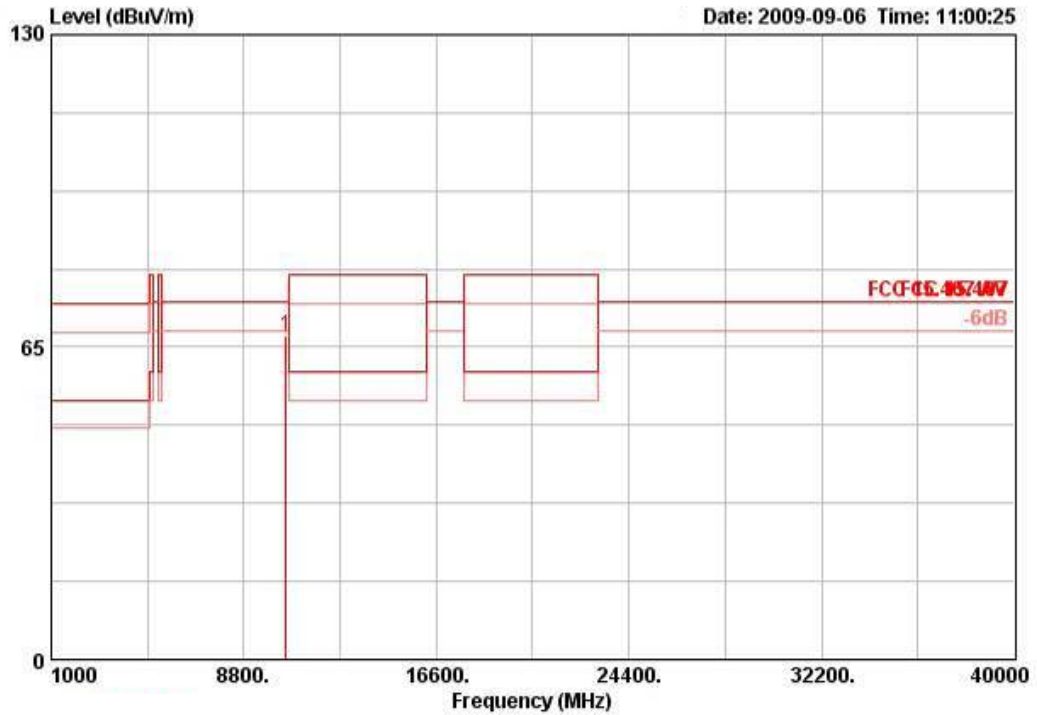The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10521.200	67.25	74.30	-7.05	57.77	6.58	35.50	38.39	64	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
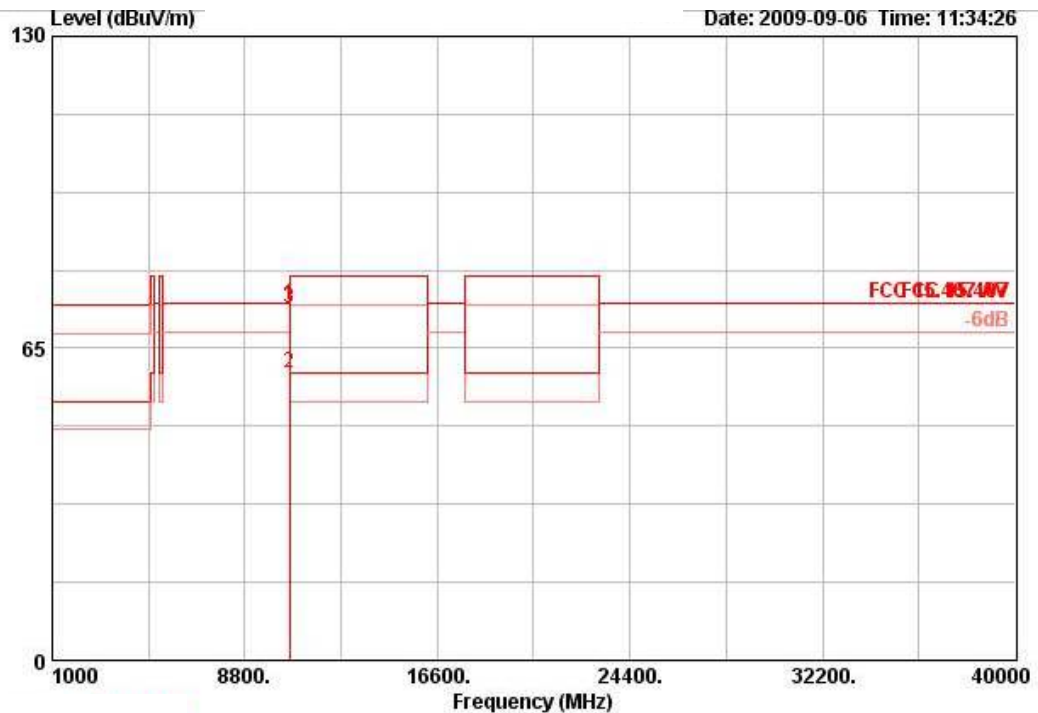
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 60 / Ant. 3

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10597.300	73.98	74.30	-0.32	64.43	6.61	35.44	38.38	292	105	PEAK	HORIZONTAL
2 !	10602.200	59.83	60.00	-0.17	50.25	6.61	35.42	38.38	292	105	AVERAGE	HORIZONTAL
3	10602.600	73.41	80.00	-6.59	63.83	6.61	35.42	38.38	292	105	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
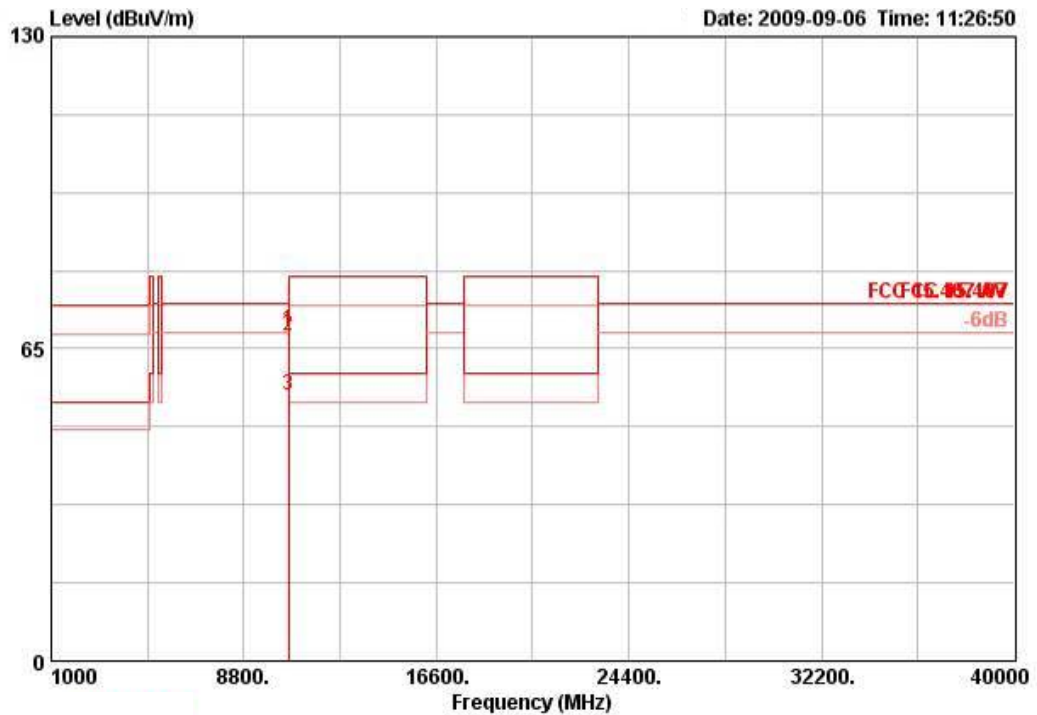
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10599.800	68.58	74.30	-5.72	59.01	6.61	35.42	38.38	242	116	PEAK	VERTICAL
2	10600.000	67.64	80.00	-12.36	58.07	6.61	35.42	38.38	242	116	PEAK	VERTICAL
3 !	10600.100	55.27	60.00	-4.73	45.70	6.61	35.42	38.38	242	116	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
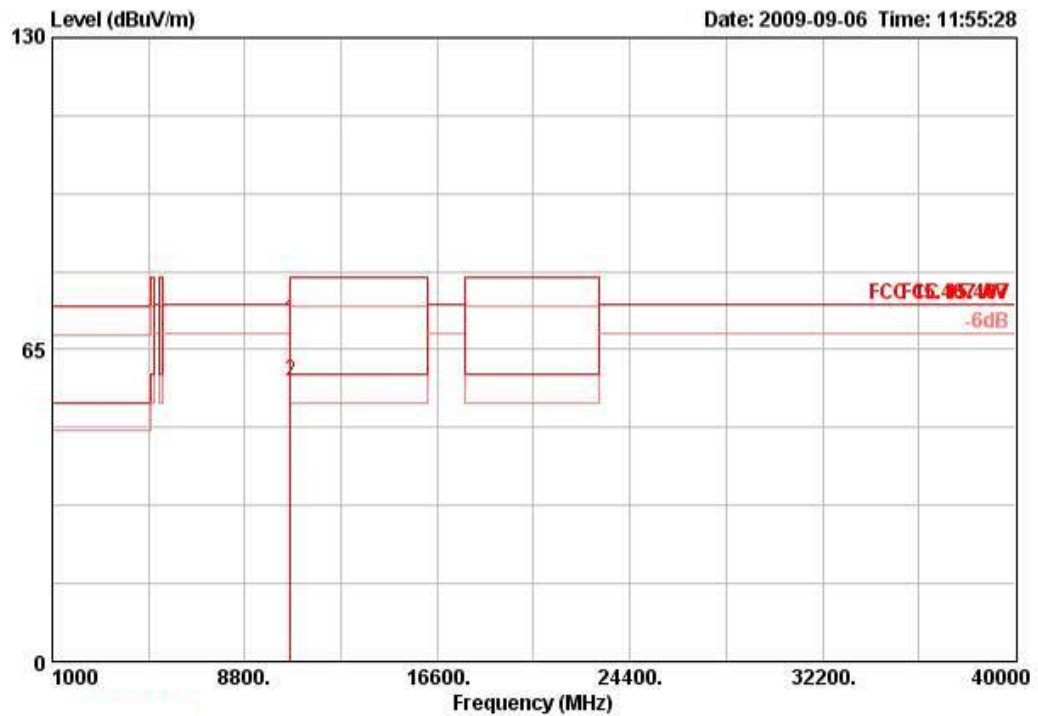
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 64 / Ant. 3

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10637.700	71.04	80.00	-8.96	61.44	6.62	35.39	38.37	297	112	PEAK	HORIZONTAL
2 !	10642.000	58.42	60.00	-1.58	48.82	6.62	35.39	38.37	297	112	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
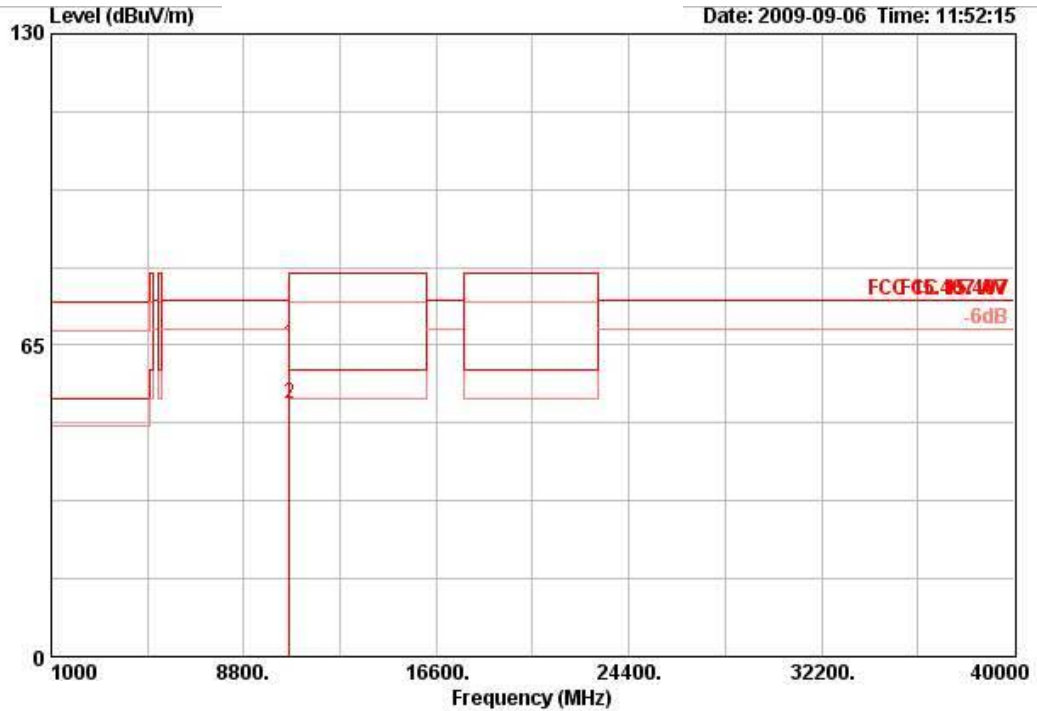
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10637.300	65.21	80.00	-14.79	55.61	6.62	35.39	38.37	81	100	PEAK	VERTICAL
2	10642.100	52.91	60.00	-7.09	43.31	6.62	35.39	38.37	81	100	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

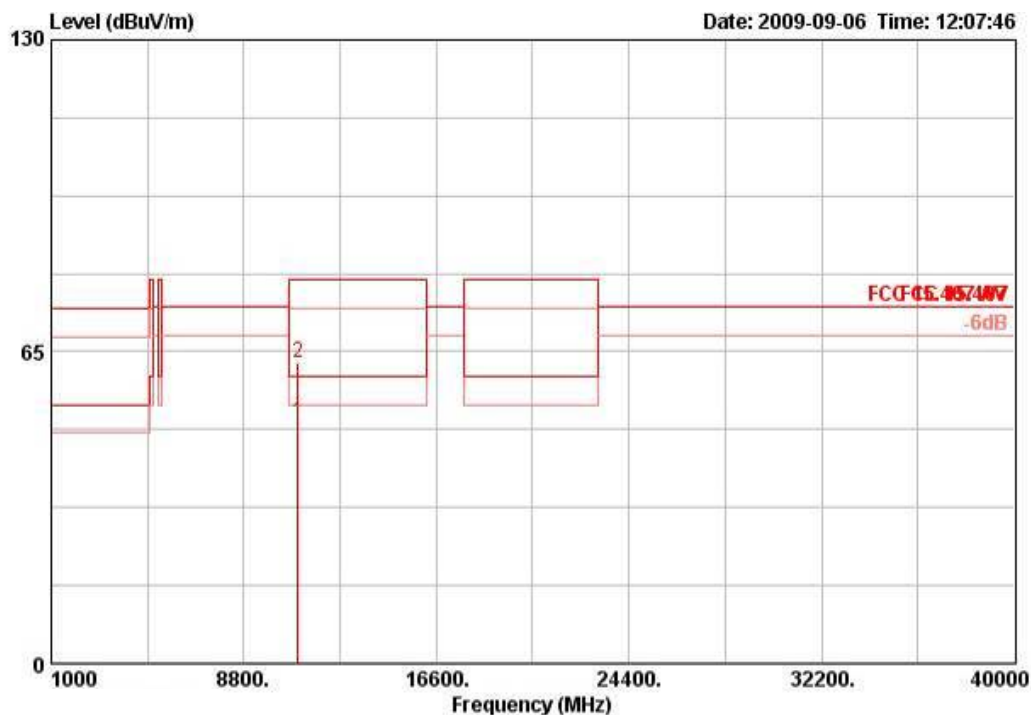Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 100 / Ant. 3

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11000.800	50.33	60.00	-9.67	40.37	6.74	35.10	38.32	148	103	AVERAGE	HORIZONTAL
2	11001.400	62.56	80.00	-17.44	52.60	6.74	35.10	38.32	148	103	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
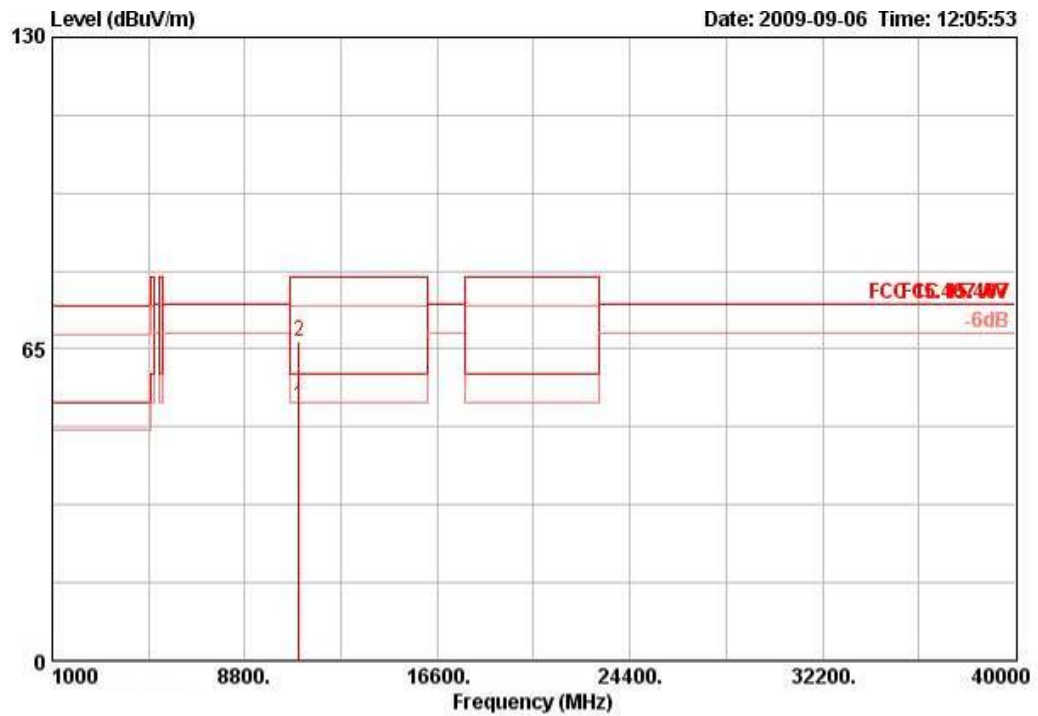
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11000.500	53.02	60.00	-6.98	43.08	6.74	35.10	38.30	87	100	AVERAGE	VERTICAL
2	11005.200	66.42	80.00	-13.58	56.47	6.74	35.10	38.32	87	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

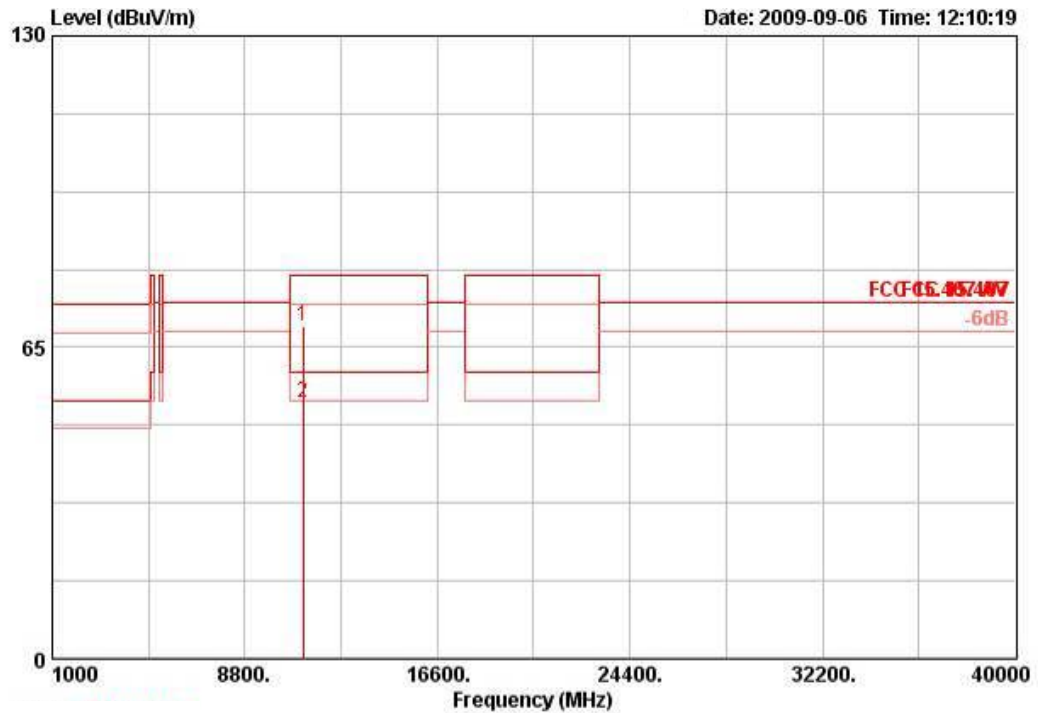Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 116 / Ant. 3

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11161.800	69.43	80.00	-10.57	59.39	6.74	35.17	38.47	295	106	PEAK	HORIZONTAL
2	11162.400	53.36	60.00	-6.64	43.32	6.74	35.17	38.47	295	106	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
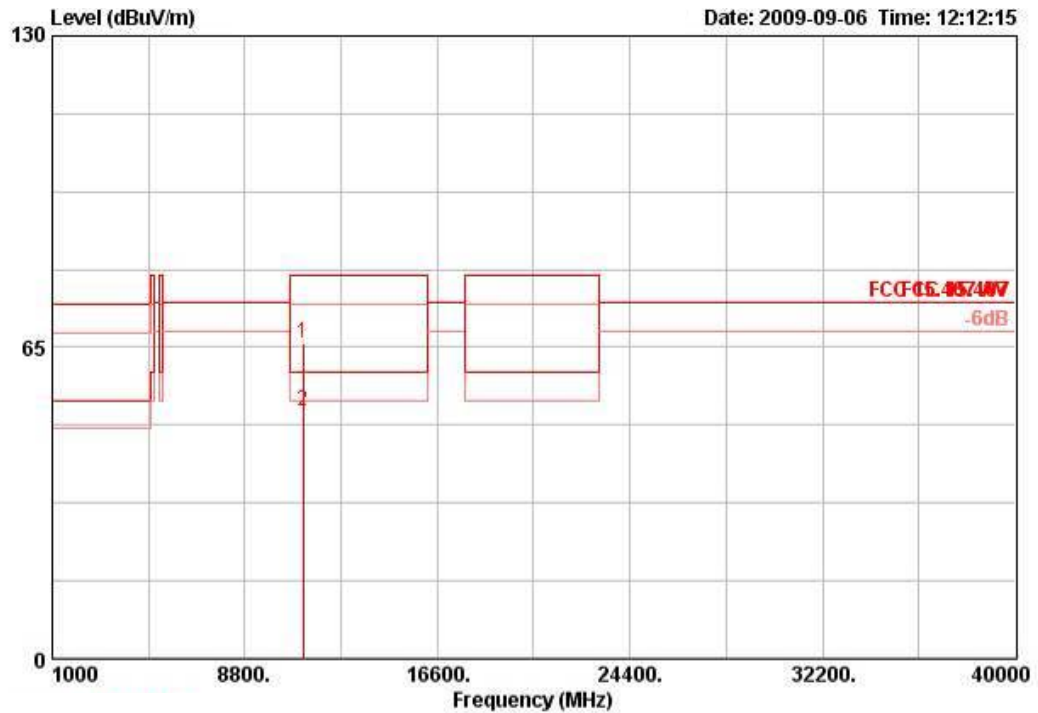
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11151.300	66.02	80.00	-13.98	55.99	6.74	35.16	38.45	87	100	PEAK	VERTICAL
2	11160.900	51.66	60.00	-8.34	41.62	6.74	35.17	38.47	87	100	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

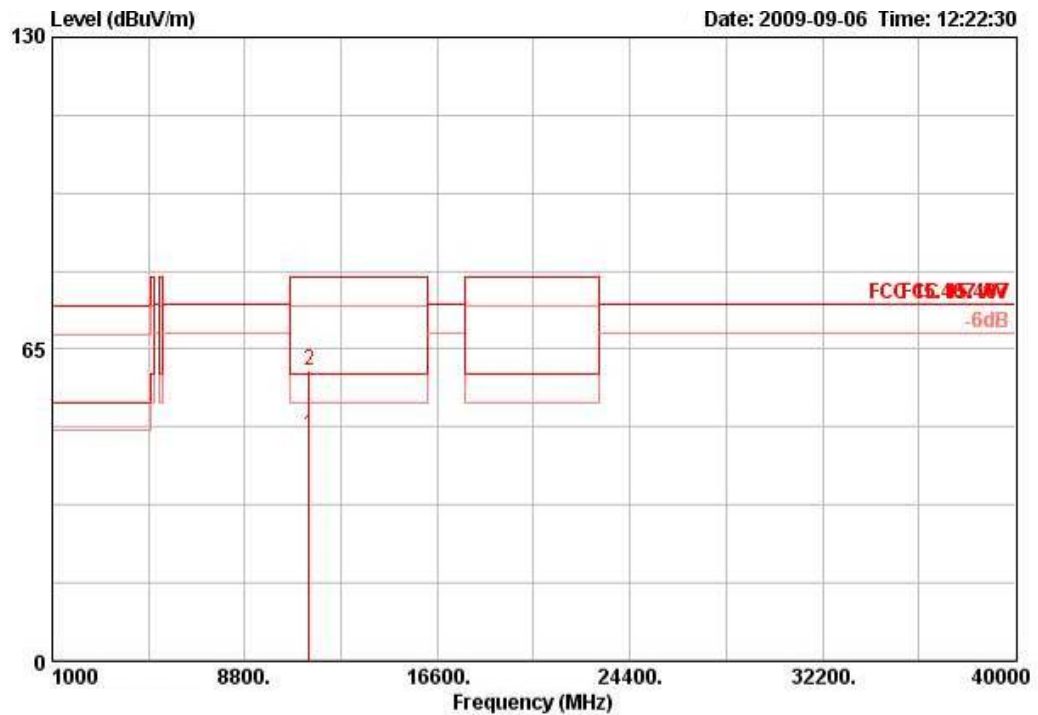Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 140 / Ant. 3

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11398.320	47.12	60.00	-12.88	36.94	6.74	35.26	38.70	292	108	AVERAGE	HORIZONTAL
2	11403.400	60.67	80.00	-19.33	50.48	6.74	35.26	38.70	292	108	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
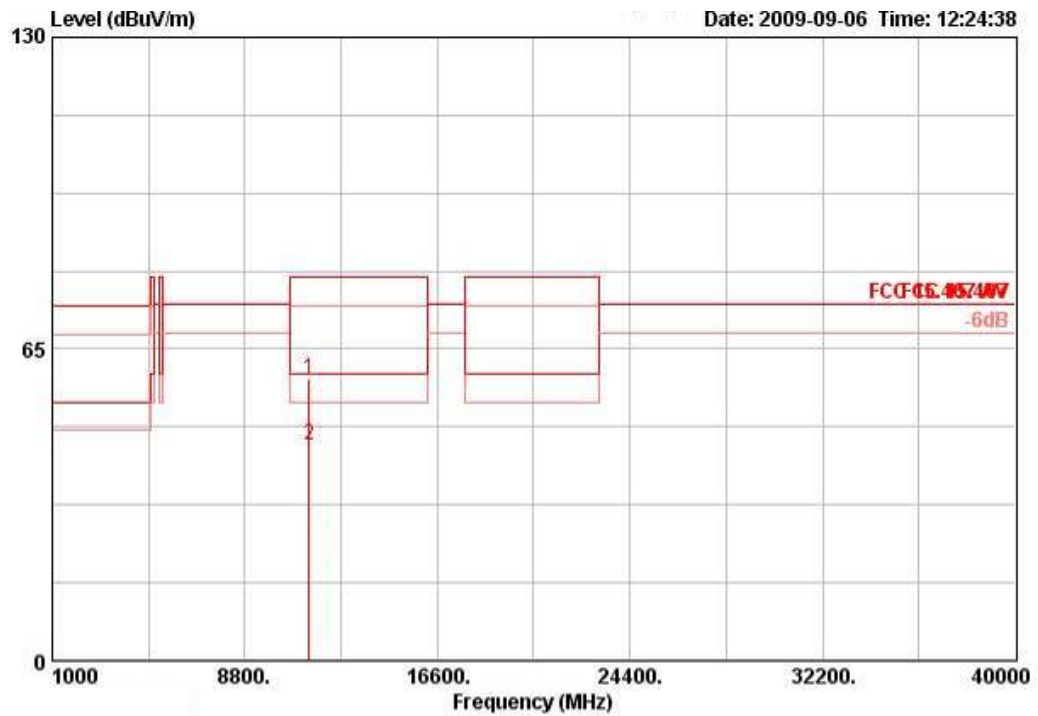
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11399.960	58.96	80.00	-21.04	48.78	6.74	35.26	38.70	321	104	PEAK	VERTICAL
2	11400.840	45.03	60.00	-14.97	34.85	6.74	35.26	38.70	321	104	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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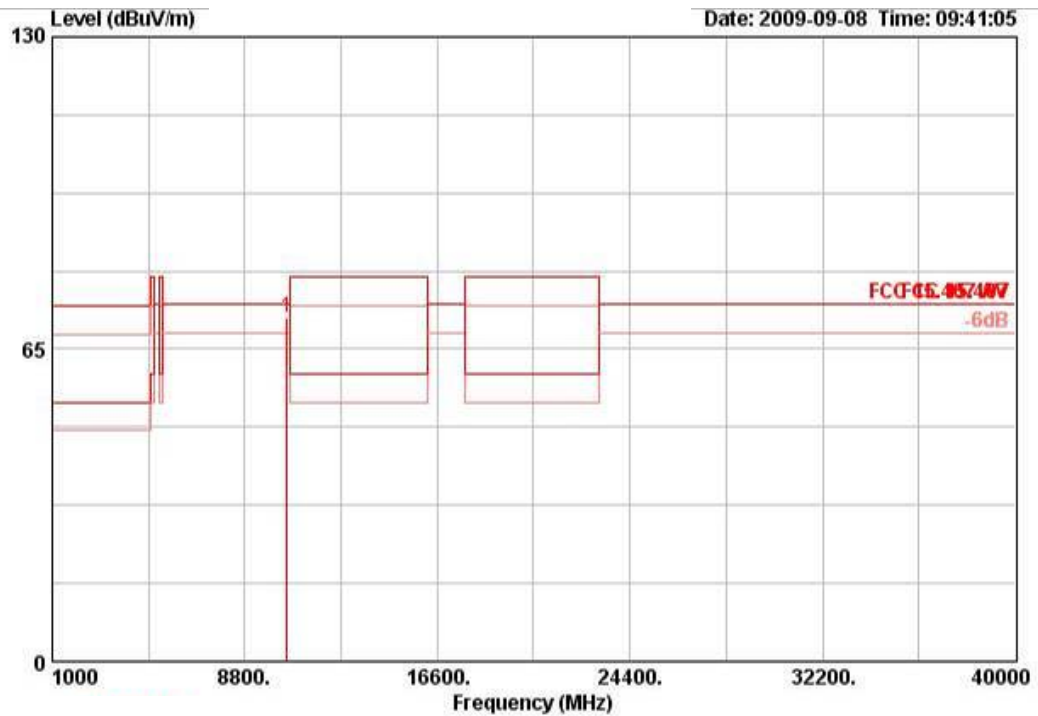
Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

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

<For Antenna 4>:

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 52 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10520.040	71.38	74.30	-2.92	61.90	6.58	35.50	38.40	203	111	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

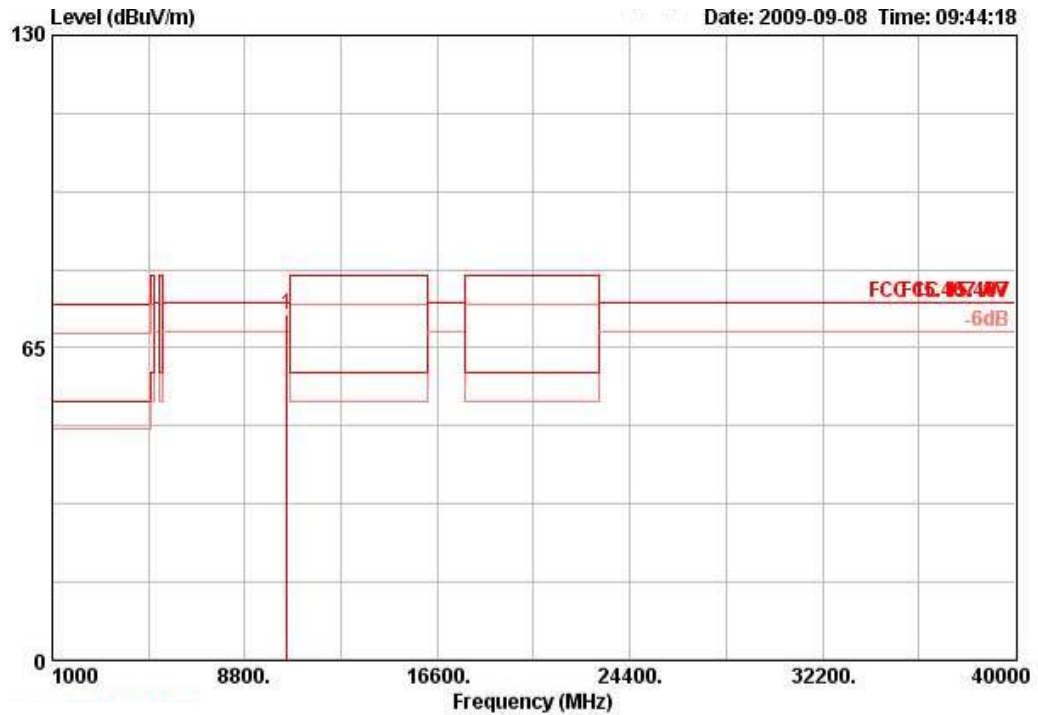The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10519.940	71.83	74.30	-2.47	62.35	6.58	35.50	38.39	246	110	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
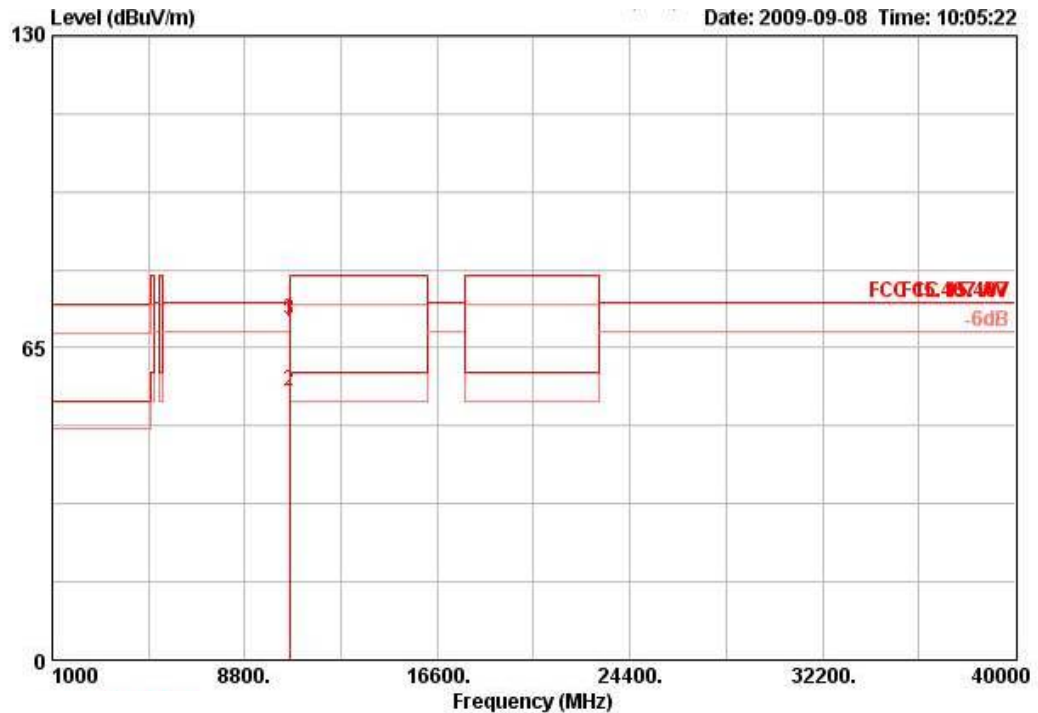
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 60 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10599.900	70.36	74.30	-3.94	60.79	6.61	35.42	38.38	205	112	PEAK	HORIZONTAL
2 !	10600.100	55.94	60.00	-4.06	46.37	6.61	35.42	38.38	205	112	AVERAGE	HORIZONTAL
3	10600.100	70.73	80.00	-9.27	61.16	6.61	35.42	38.38	205	112	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
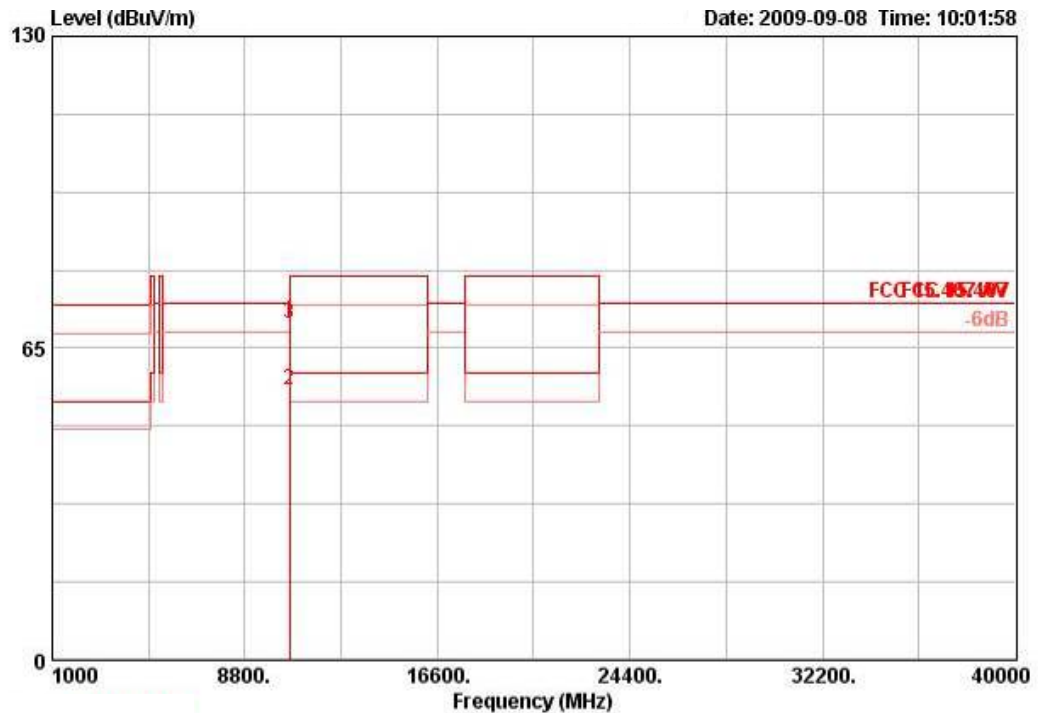
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10598.900	70.46	74.30	-3.84	60.89	6.61	35.42	38.38	249	109	PEAK	VERTICAL
2 !	10600.000	56.45	60.00	-3.55	46.89	6.61	35.42	38.38	249	109	AVERAGE	VERTICAL
3	10600.000	70.27	80.00	-9.73	60.70	6.61	35.42	38.38	249	109	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
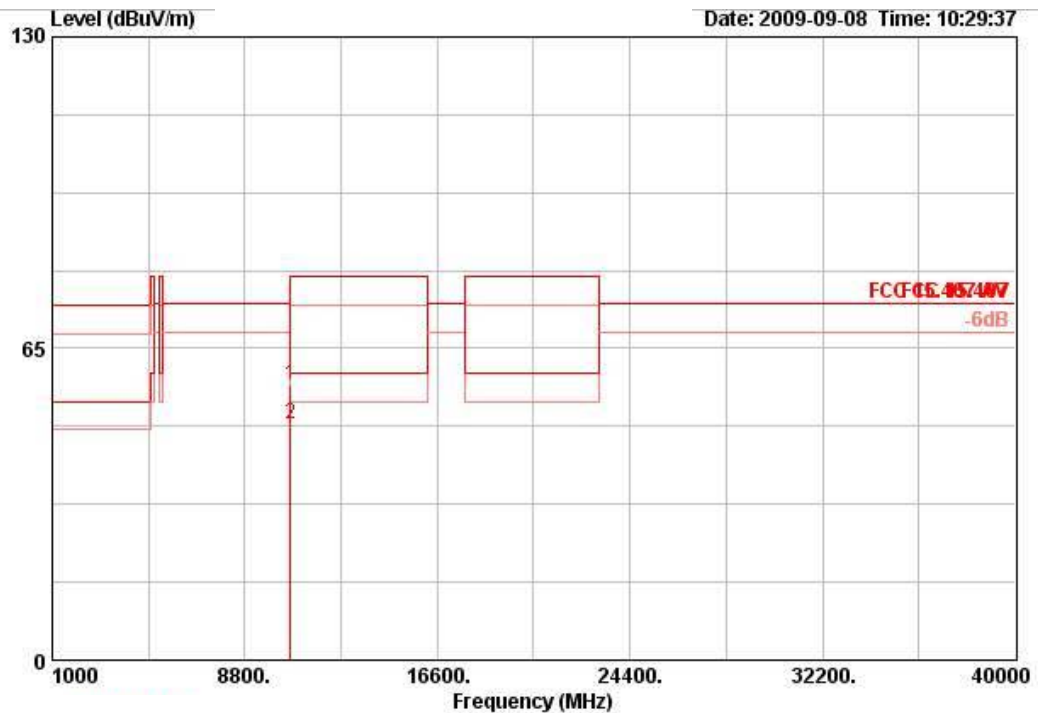
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 64 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10639.720	57.34	80.00	-22.66	47.74	6.62	35.39	38.37	199	117	PEAK	HORIZONTAL
2	10640.080	49.41	60.00	-10.59	39.81	6.62	35.39	38.37	199	117	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

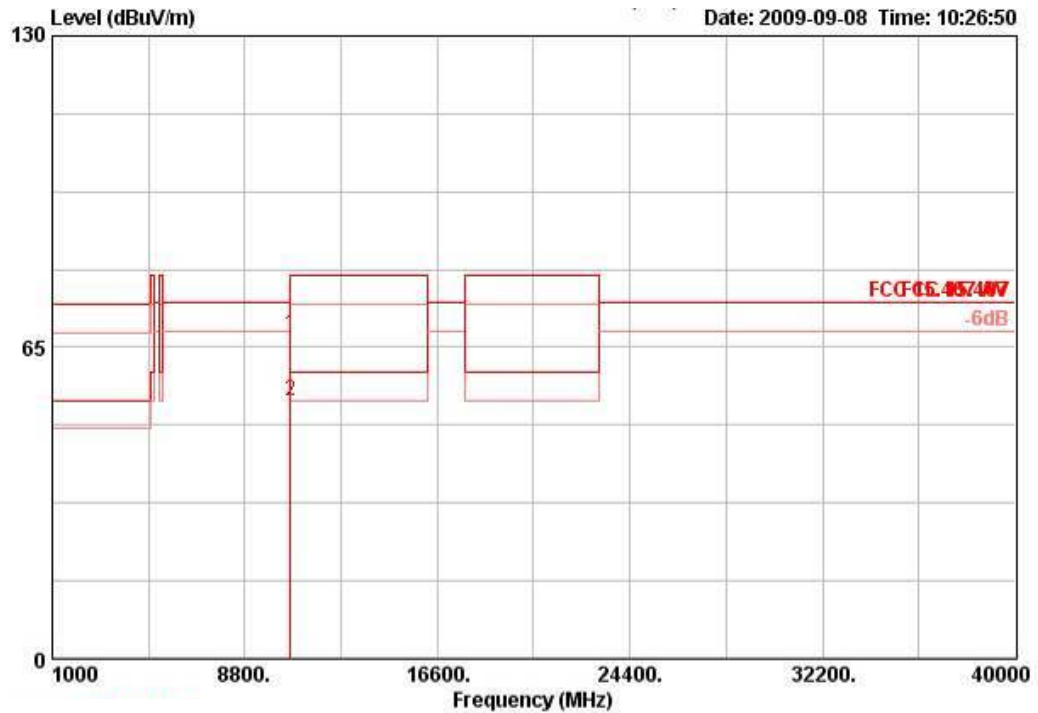The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10640.080	67.58	80.00	-12.42	57.98	6.62	35.39	38.37	247	101	PEAK	VERTICAL
2	10640.600	53.89	60.00	-6.11	44.29	6.62	35.39	38.37	247	101	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.
The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

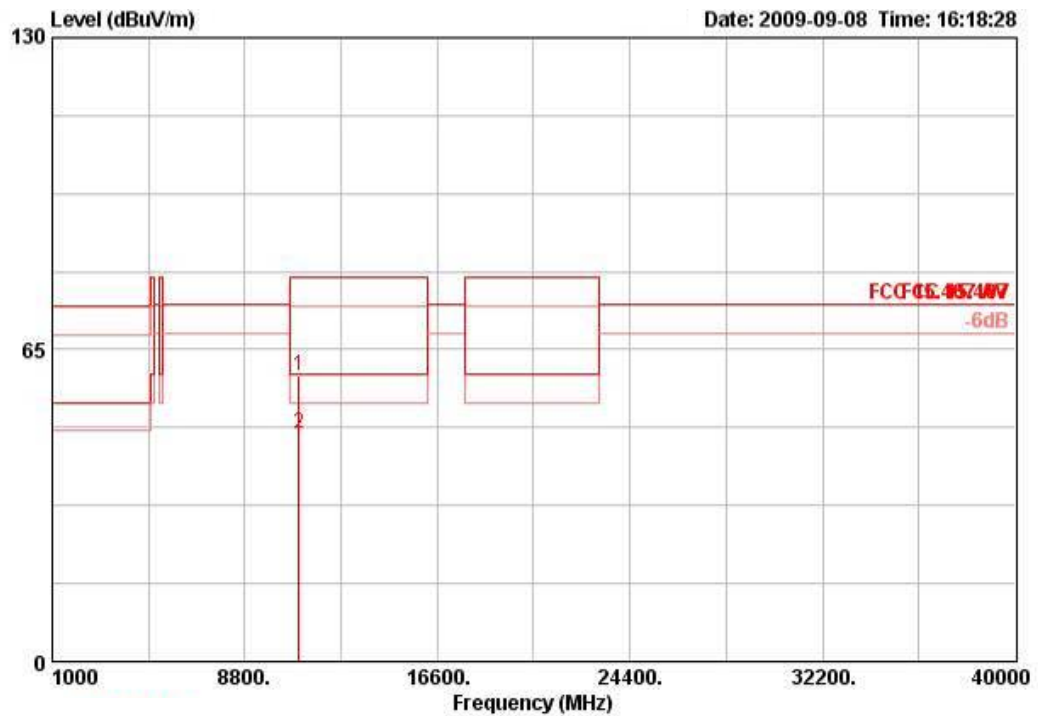Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

| Temperature | 26.8℃ | Humidity | 56% |
| Test Engineer | Beck Wu | Configurations | 802.11n MCS8 20MHz Ch 100 / Ant. 4 |

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10998.160	59.62	80.00	-20.38	49.67	6.74	35.10	38.32	60	100	PEAK	HORIZONTAL
2	10998.920	47.40	60.00	-12.60	37.44	6.74	35.10	38.32	60	100	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
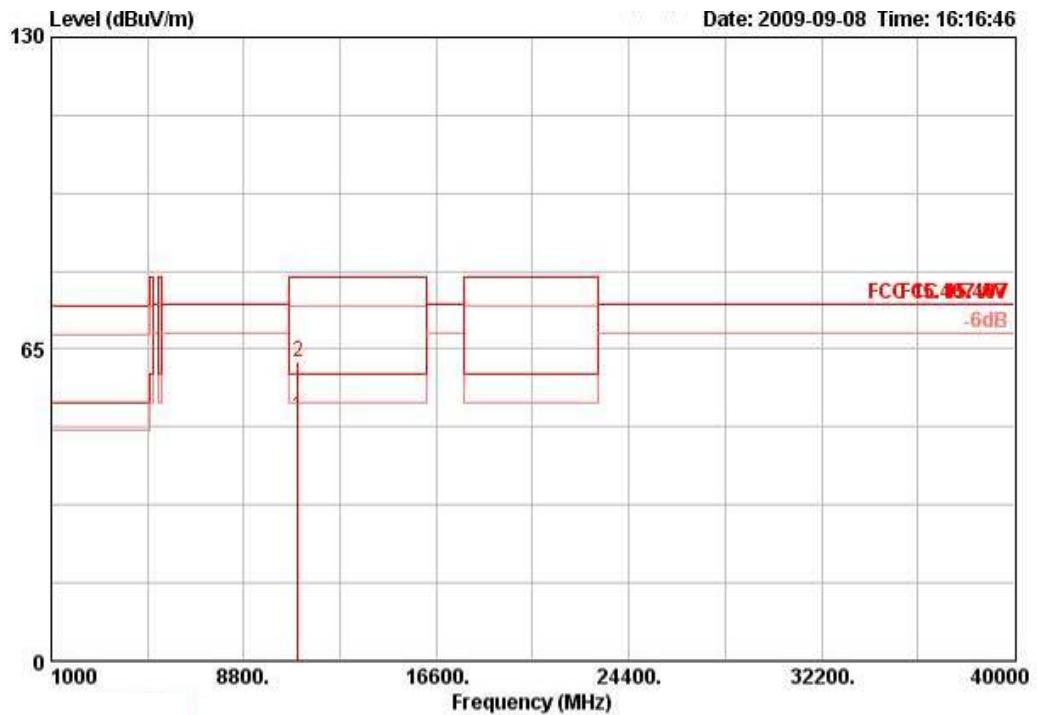
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11000.400	51.11	60.00	-8.89	41.17	6.74	35.10	38.30	306	100	AVERAGE	VERTICAL
2	11002.400	62.36	80.00	-17.64	52.42	6.74	35.10	38.30	306	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

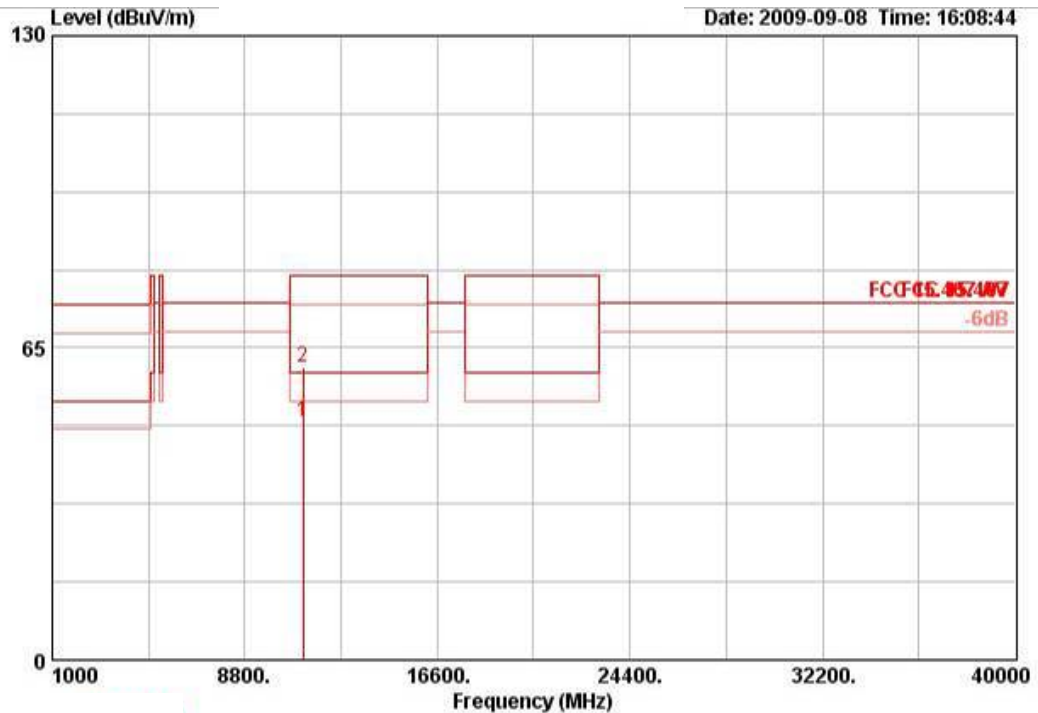Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

| Temperature | 26.8℃ | Humidity | 56% |
| Test Engineer | Beck Wu | Configurations | 802.11n MCS8 20MHz Ch 116 / Ant. 4 |

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11159.500	49.46	60.00	-10.54	39.42	6.74	35.17	38.47	226	120	AVERAGE	HORIZONTAL
2	11162.700	61.04	80.00	-18.96	51.00	6.74	35.17	38.47	226	120	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
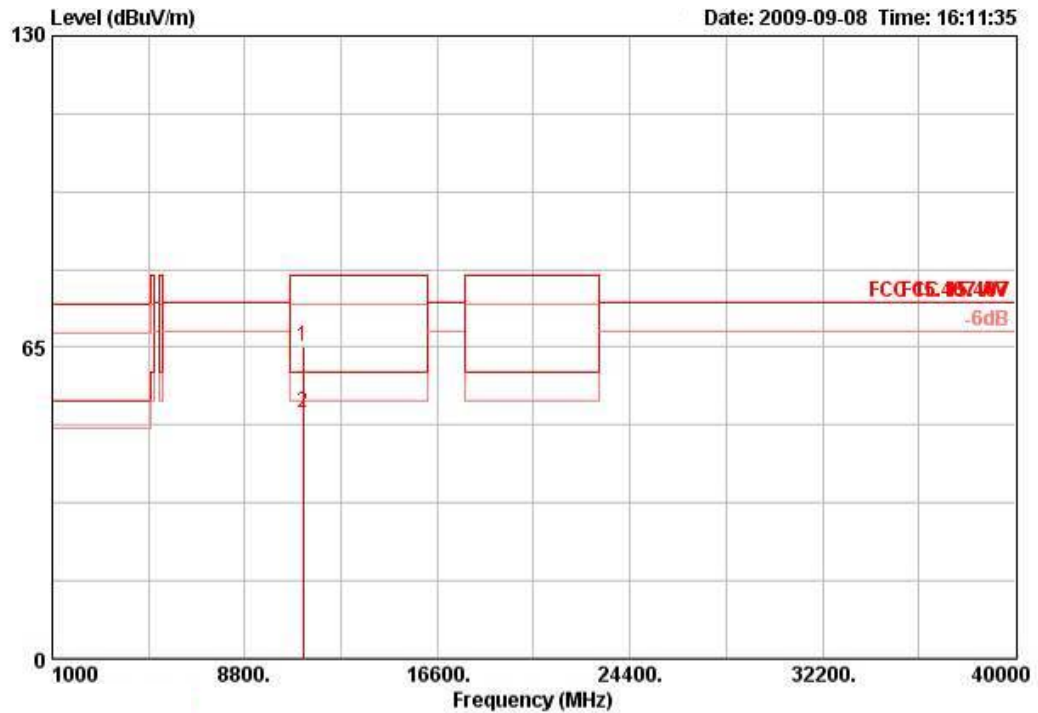
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11159.980	65.13	80.00	-14.87	55.09	6.74	35.17	38.47	314	102	PEAK	VERTICAL
2	11160.620	51.37	60.00	-8.63	41.34	6.74	35.17	38.47	314	102	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

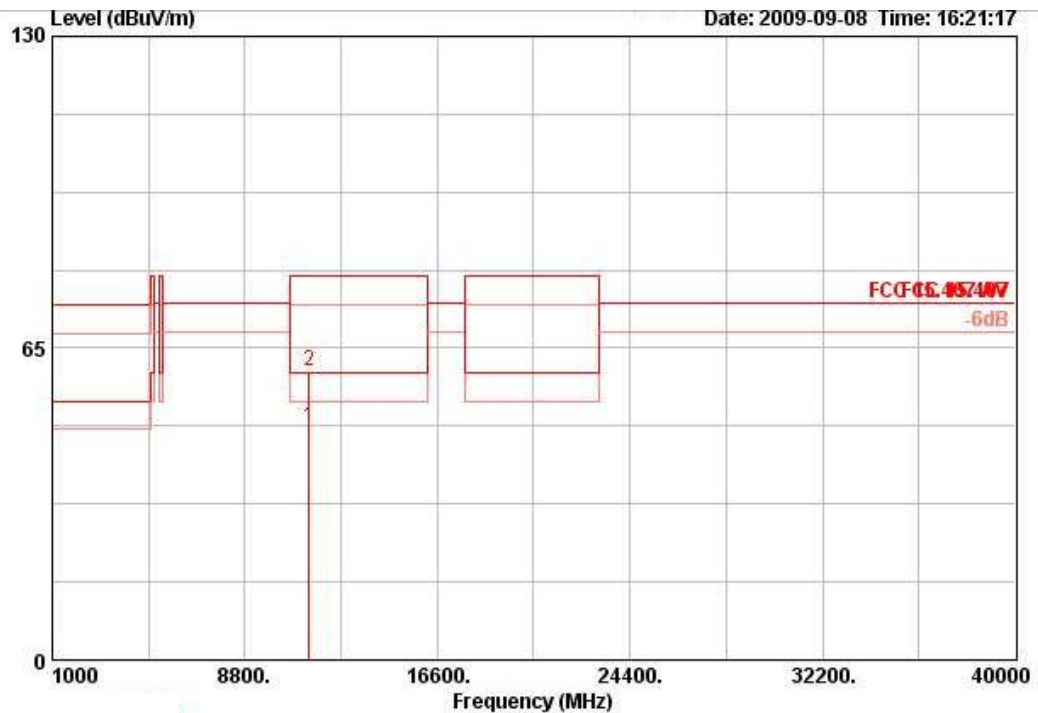Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 140 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11398.000	48.37	60.00	-11.63	38.19	6.74	35.26	38.70	228	102	AVERAGE	HORIZONTAL
2	11399.960	60.18	80.00	-19.82	49.99	6.74	35.26	38.70	228	102	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

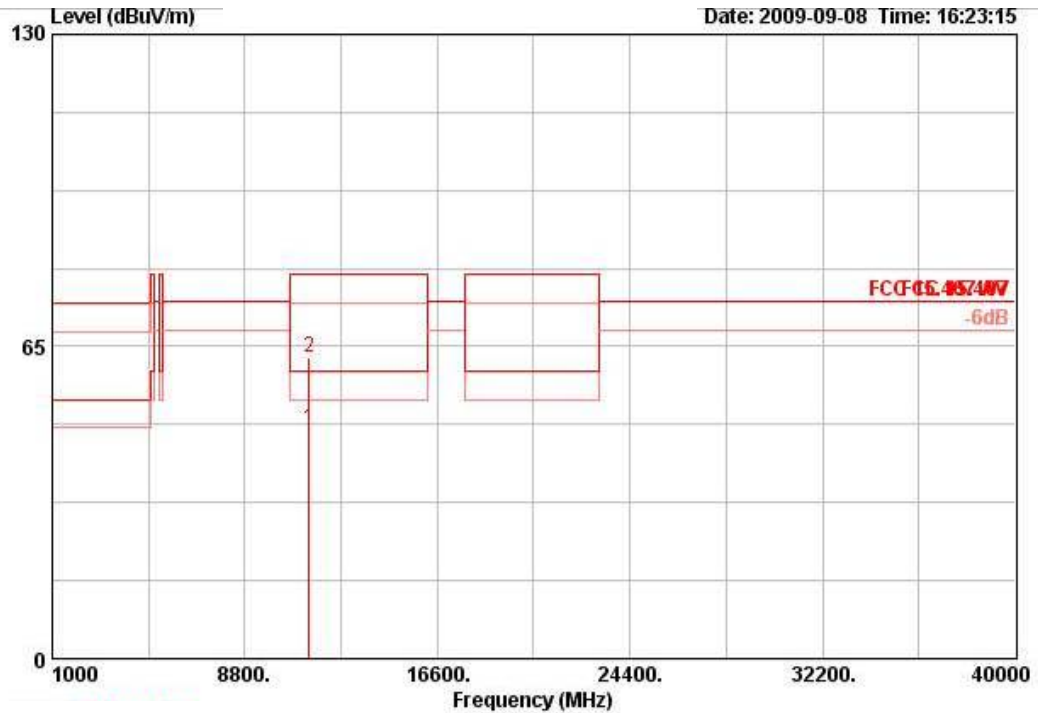The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11399.280	47.76	60.00	-12.24	37.58	6.74	35.26	38.70	313	100	AVERAGE	VERTICAL
2	11400.120	62.78	80.00	-17.22	52.59	6.74	35.26	38.70	313	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

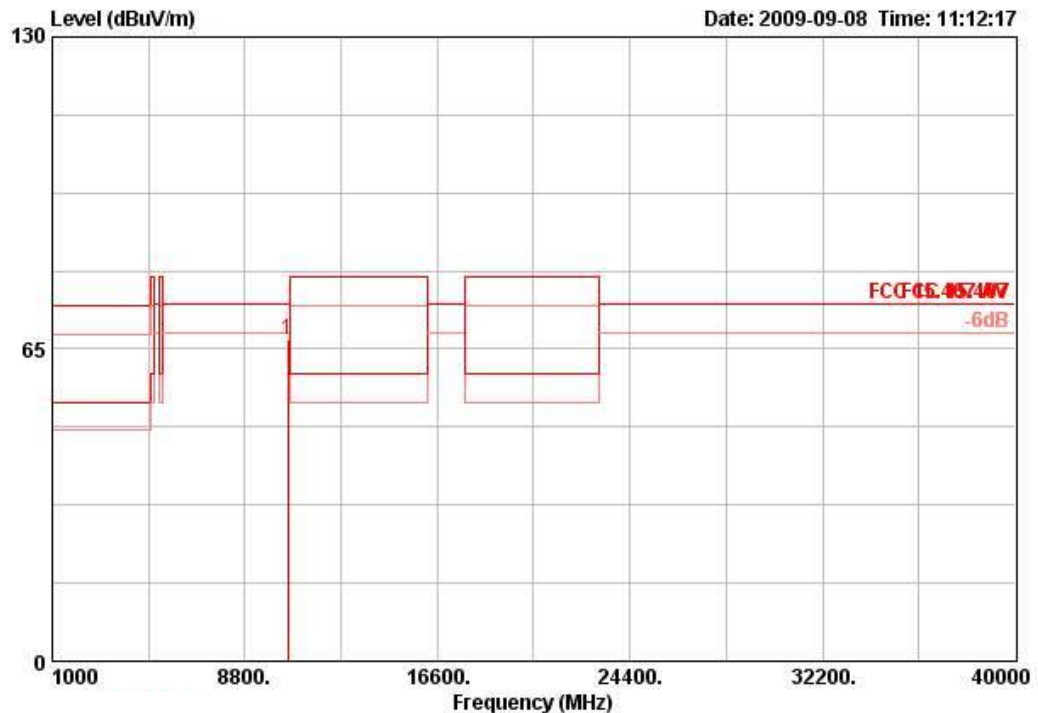Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 54 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10540.000	66.82	74.30	-7.48	57.32	6.59	35.48	38.39	189	110	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
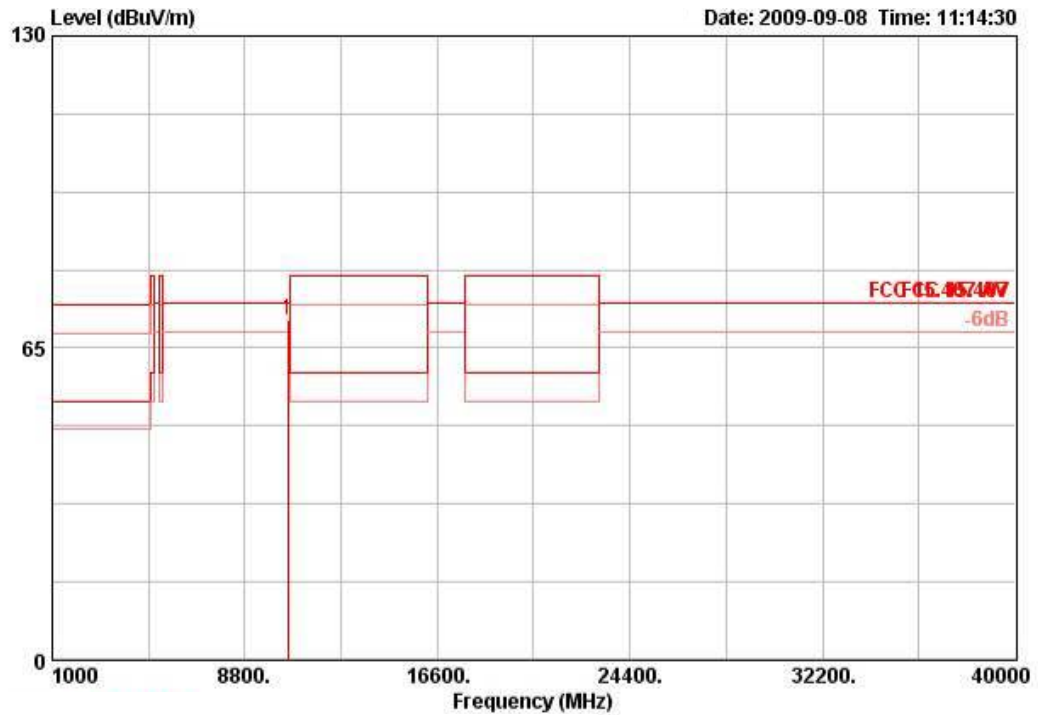
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10540.100	70.81	74.30	-3.49	61.31	6.59	35.48	38.39	248	111	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
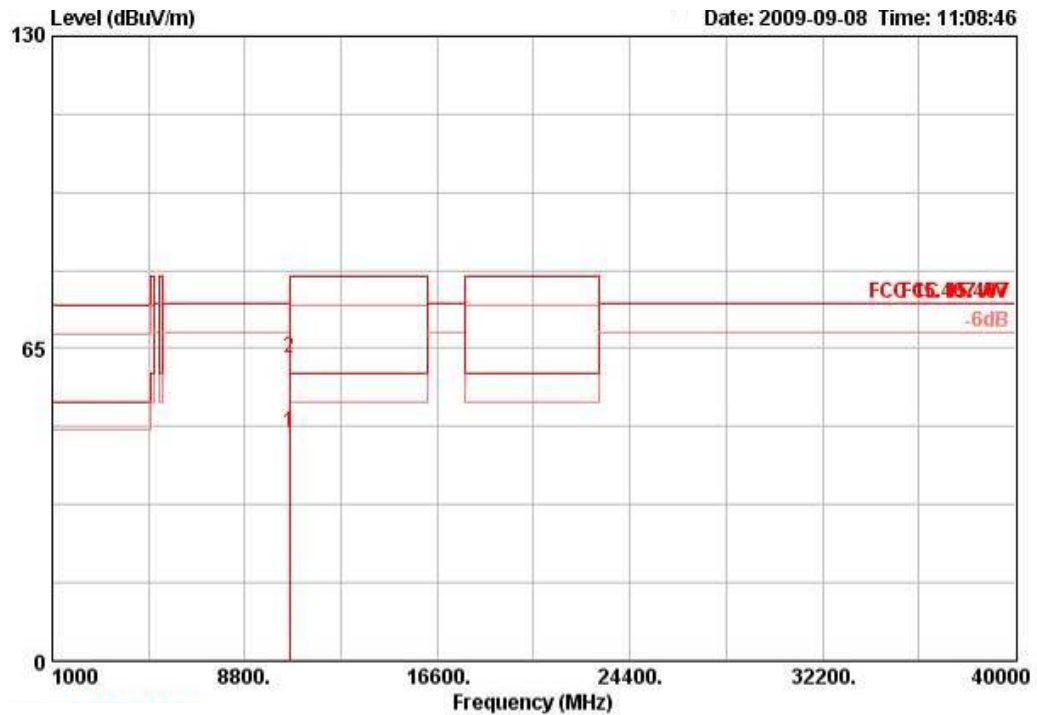
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 62 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10619.600	47.42	60.00	-12.58	37.84	6.61	35.42	38.38	206	110	AVERAGE	HORIZONTAL
2	10620.000	62.99	80.00	-17.01	53.42	6.61	35.42	38.38	206	110	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

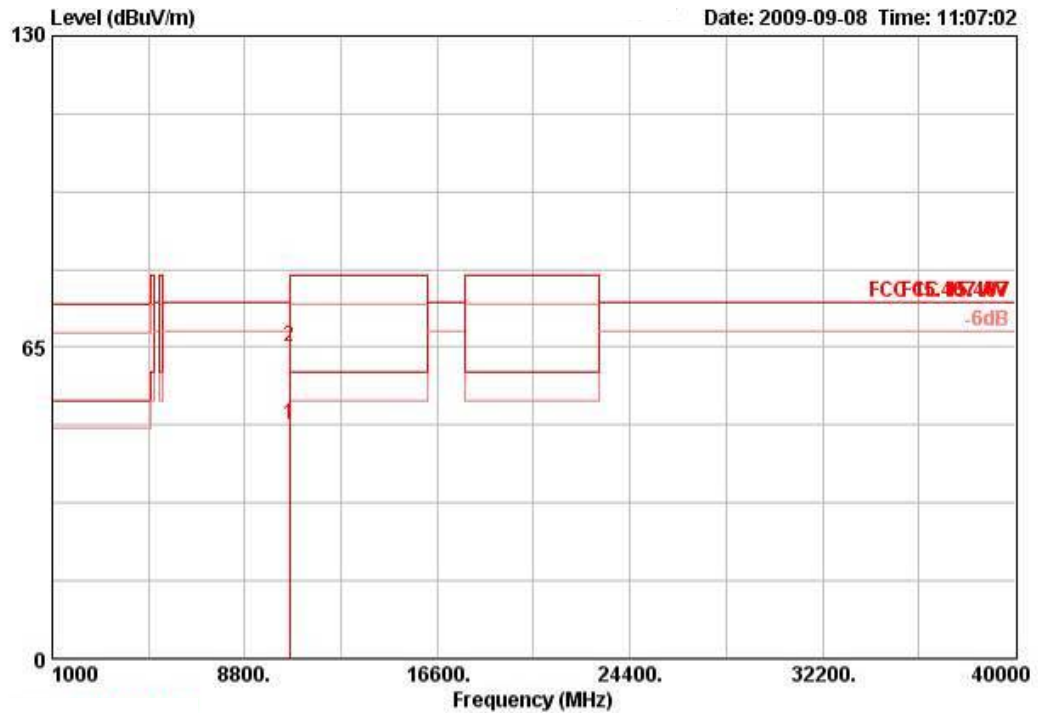The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10618.700	48.77	60.00	-11.23	39.20	6.61	35.42	38.38	245	110	AVERAGE	VERTICAL
2	10620.100	65.18	80.00	-14.82	55.61	6.61	35.42	38.38	245	110	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

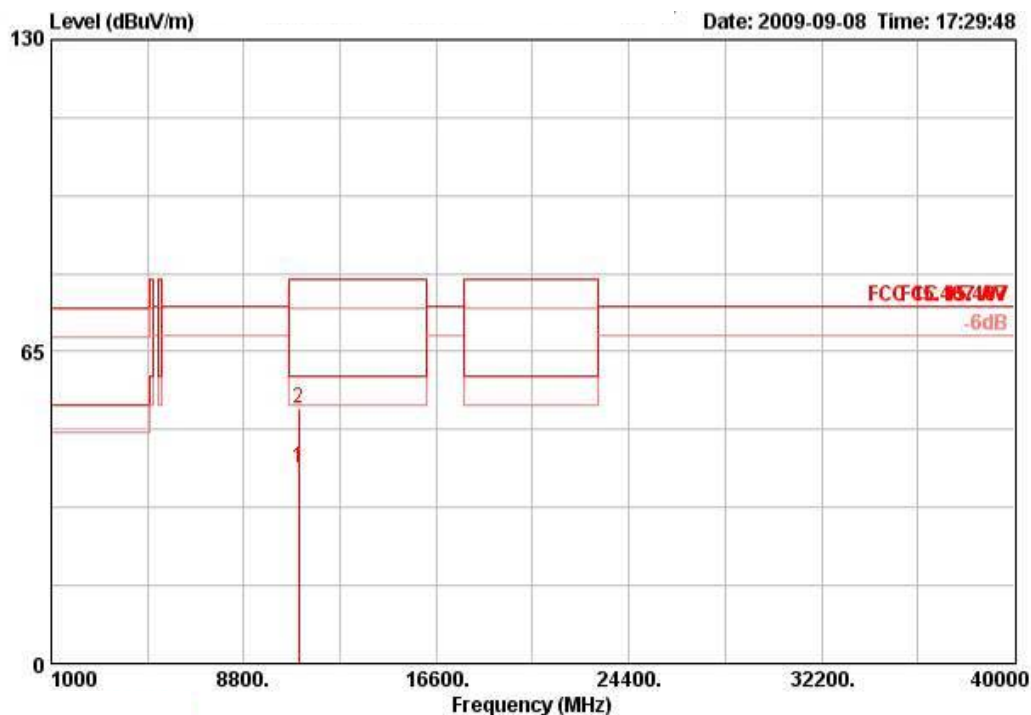Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 102 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11020.600	40.65	60.00	-19.35	30.69	6.74	35.11	38.33	231	118	AVERAGE	HORIZONTAL
2	11021.400	53.01	80.00	-26.99	43.05	6.74	35.11	38.33	231	118	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

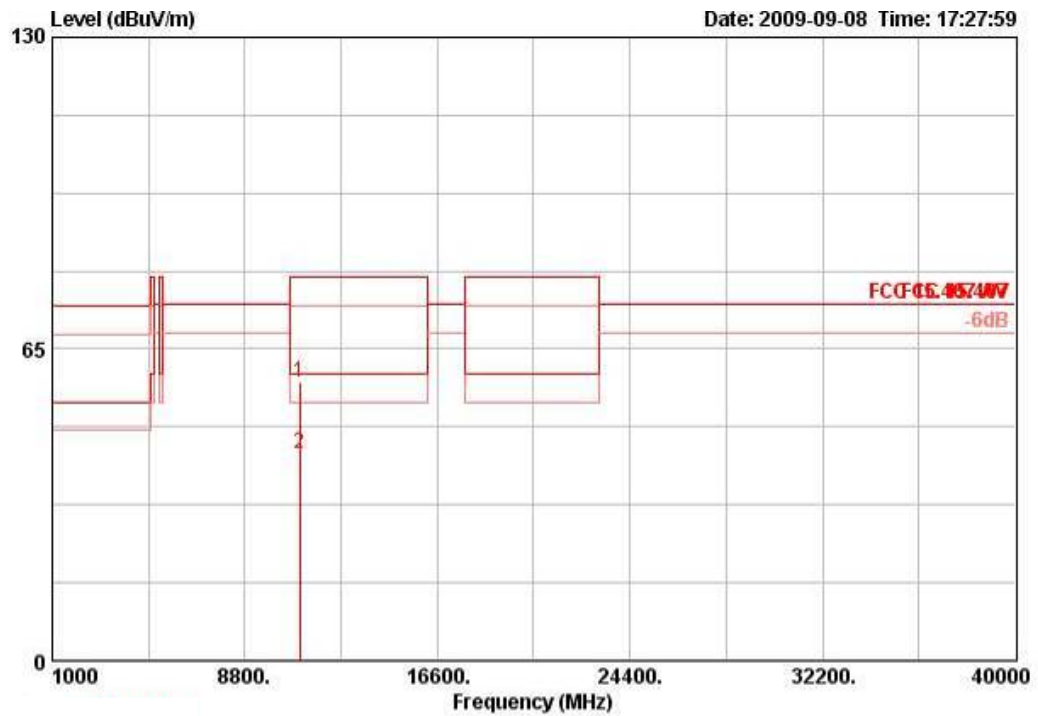The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

Level (dBuV/m) Date: 2009-09-08 Time: 17:27:59

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11018.700	58.21	80.00	-21.79	48.26	6.74	35.11	38.32	99	115	PEAK	VERTICAL
2	11019.400	43.25	60.00	-16.75	33.30	6.74	35.11	38.32	99	115	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
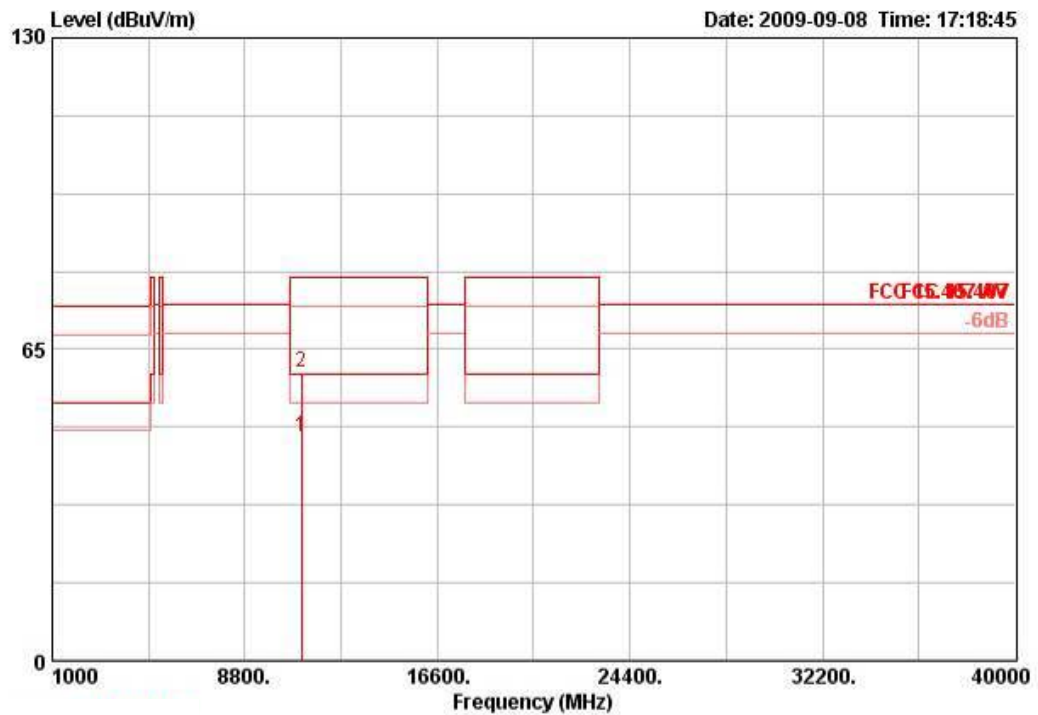
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 110 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11098.600	46.90	60.00	-13.10	36.90	6.74	35.14	38.40	235	118	AVERAGE	HORIZONTAL
2	11100.200	60.23	80.00	-19.77	50.23	6.74	35.14	38.40	235	118	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

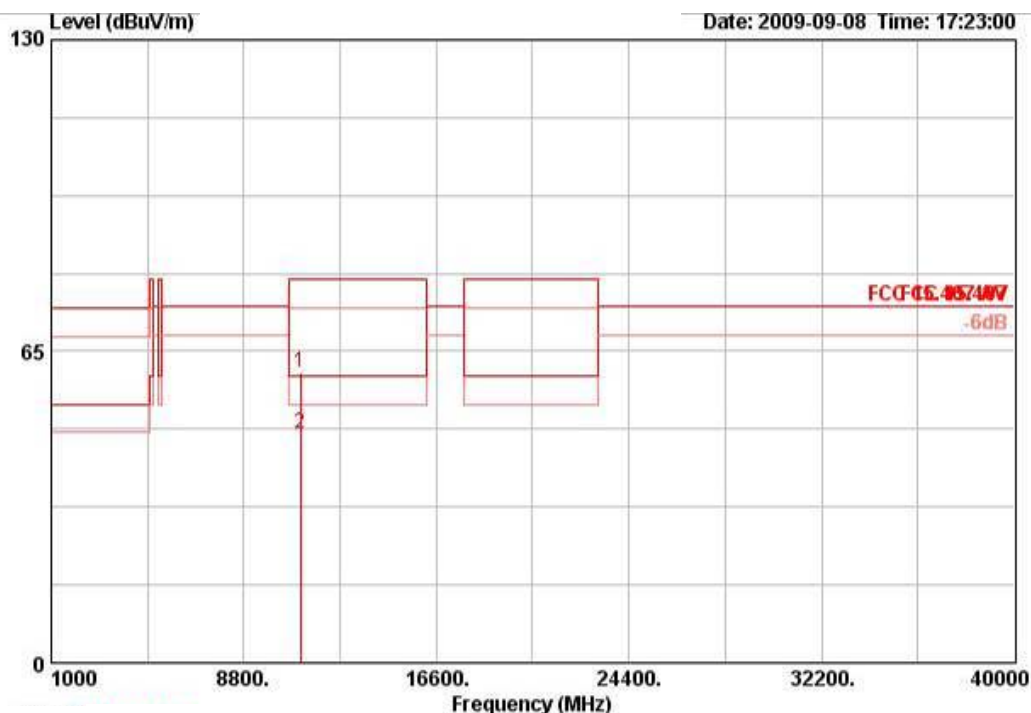The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

Level (dBuV/m) — Date: 2009-09-08 Time: 17:23:00

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11100.100	60.66	80.00	-19.34	50.66	6.74	35.14	38.40	102	118	PEAK	VERTICAL
2	11100.200	47.95	60.00	-12.05	37.95	6.74	35.14	38.40	102	118	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
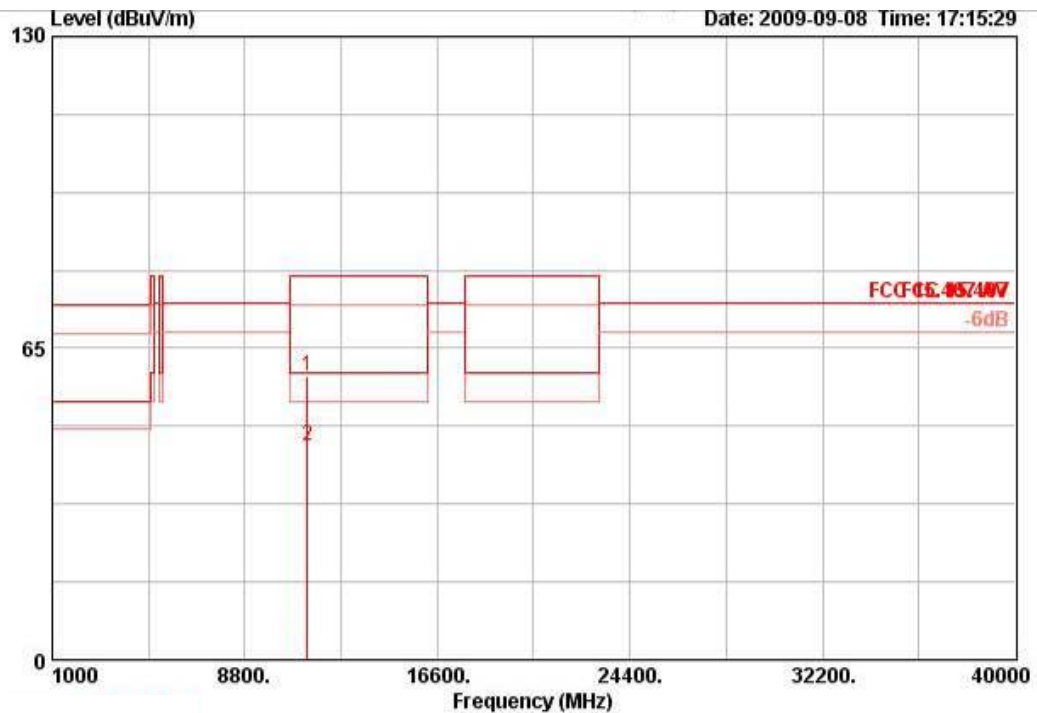
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

| Temperature | 26.8℃ | Humidity | 56% |
| Test Engineer | Beck Wu | Configurations | 802.11n MCS8 40MHz Ch 134 / Ant. 4 |

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11340.040	59.07	80.00	-20.93	48.94	6.74	35.24	38.63	236	116	PEAK	HORIZONTAL
2	11340.280	44.70	60.00	-15.30	34.57	6.74	35.24	38.63	236	116	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
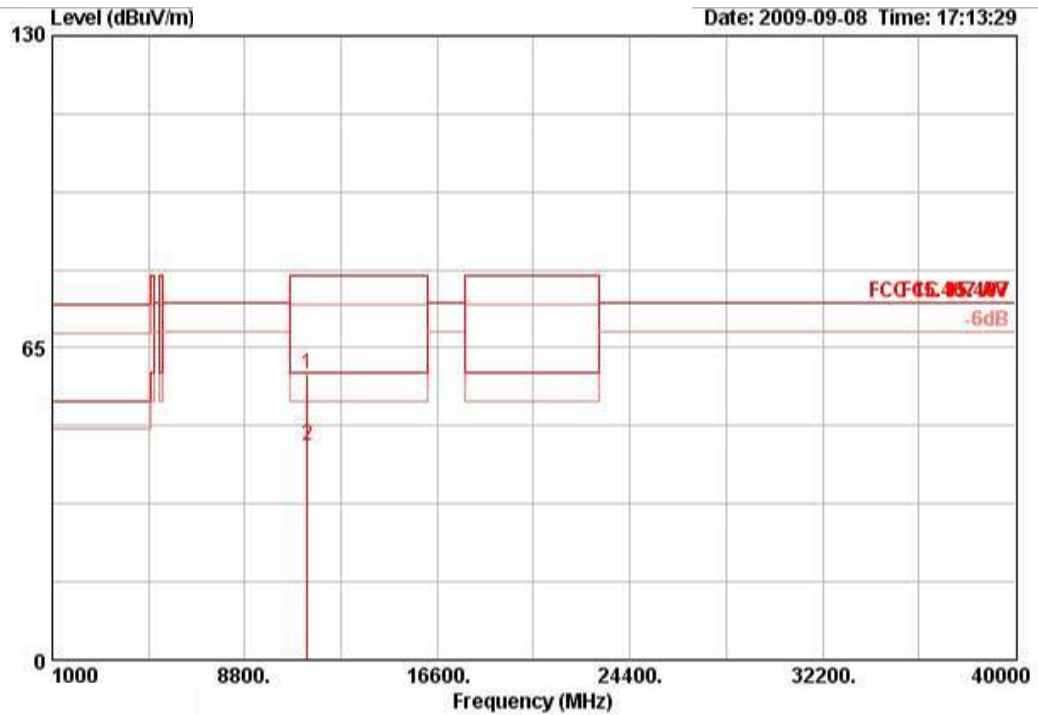
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

Level (dBuV/m)   Date: 2009-09-08 Time: 17:13:29

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11339.880	59.65	80.00	-20.35	49.52	6.74	35.24	38.63	314	100	PEAK	VERTICAL
2	11341.200	44.70	60.00	-15.30	34.57	6.74	35.24	38.63	314	100	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

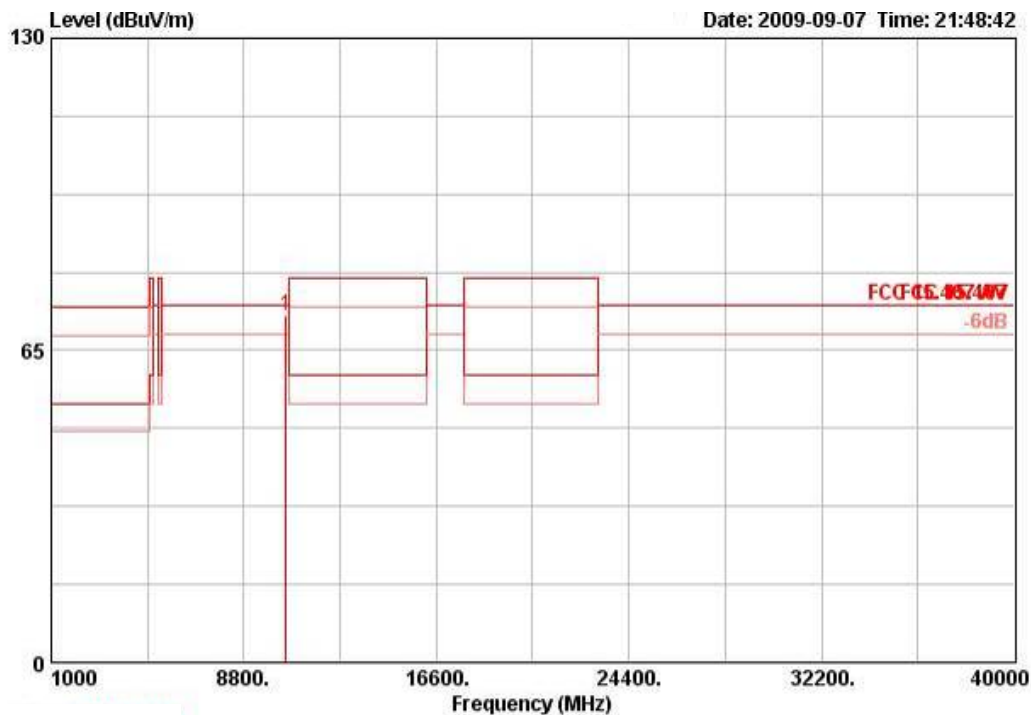Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 52 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10522.560	72.38	74.30	-1.92	62.88	6.58	35.48	38.40	206	121	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

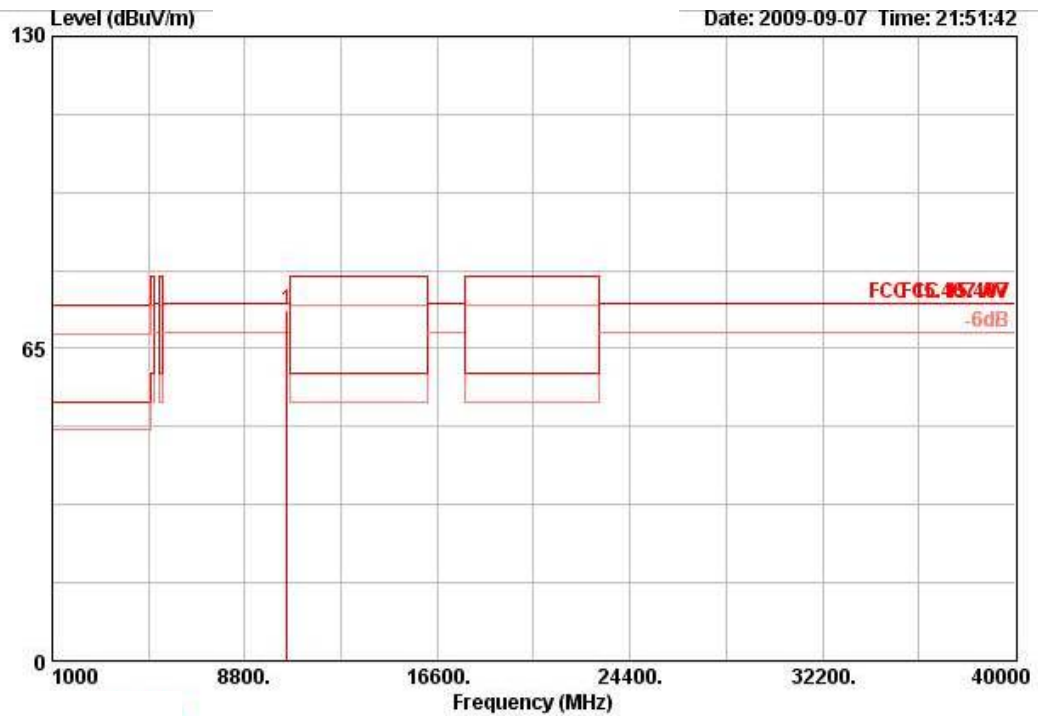The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10518.600	73.13	74.30	-1.17	63.66	6.58	35.50	38.39	247	114	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
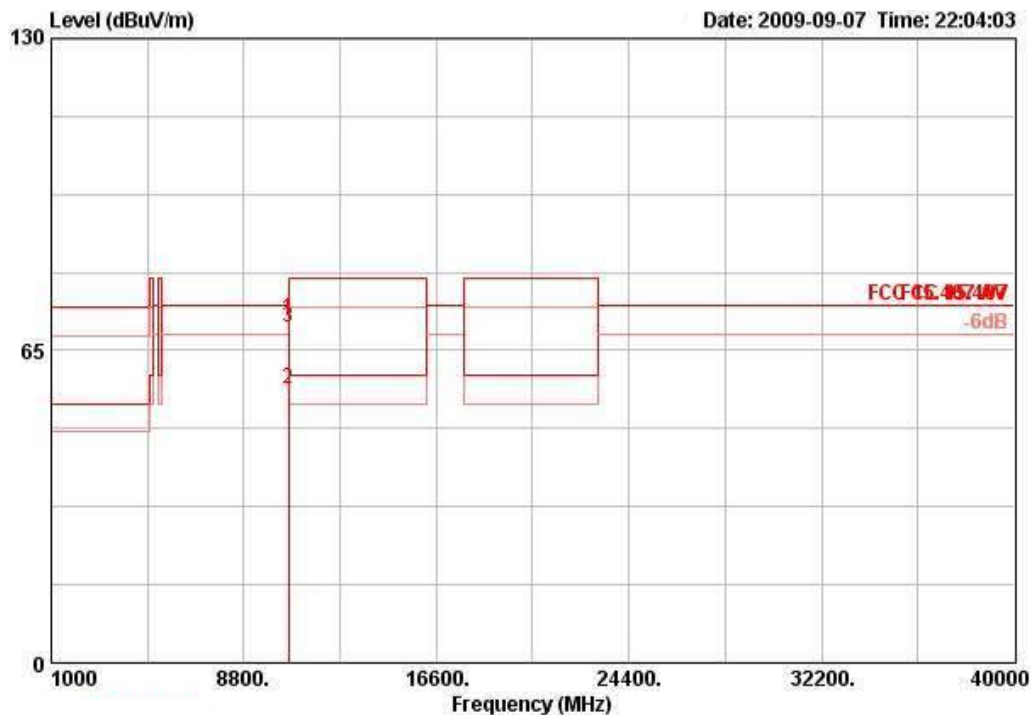
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 60 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10598.600	71.50	74.30	-2.80	61.93	6.61	35.42	38.38	206	112	PEAK	HORIZONTAL
2 !	10603.040	57.01	60.00	-2.99	47.43	6.61	35.42	38.38	206	112	AVERAGE	HORIZONTAL
3	10603.560	69.66	80.00	-10.34	60.08	6.61	35.42	38.38	206	112	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
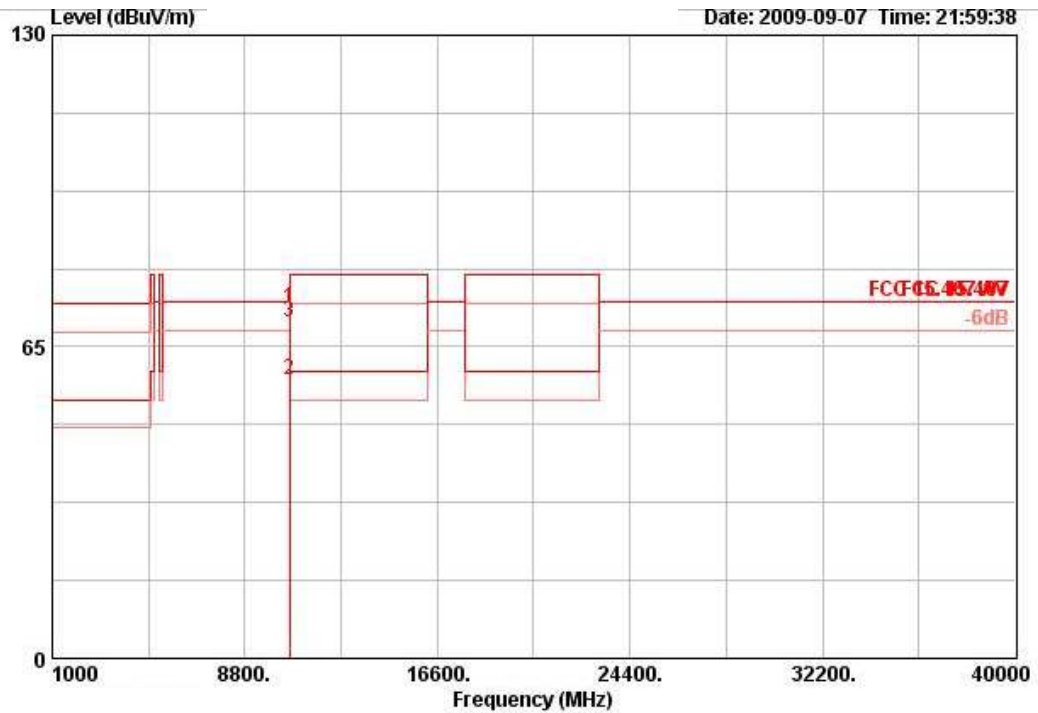
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	10598.840	72.96	74.30	-1.34	63.39	6.61	35.42	38.38	243	114	PEAK	VERTICAL
2 !	10603.240	58.02	60.00	-1.98	48.45	6.61	35.42	38.38	243	114	AVERAGE	VERTICAL
3	10603.240	70.10	80.00	-9.90	60.53	6.61	35.42	38.38	243	114	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
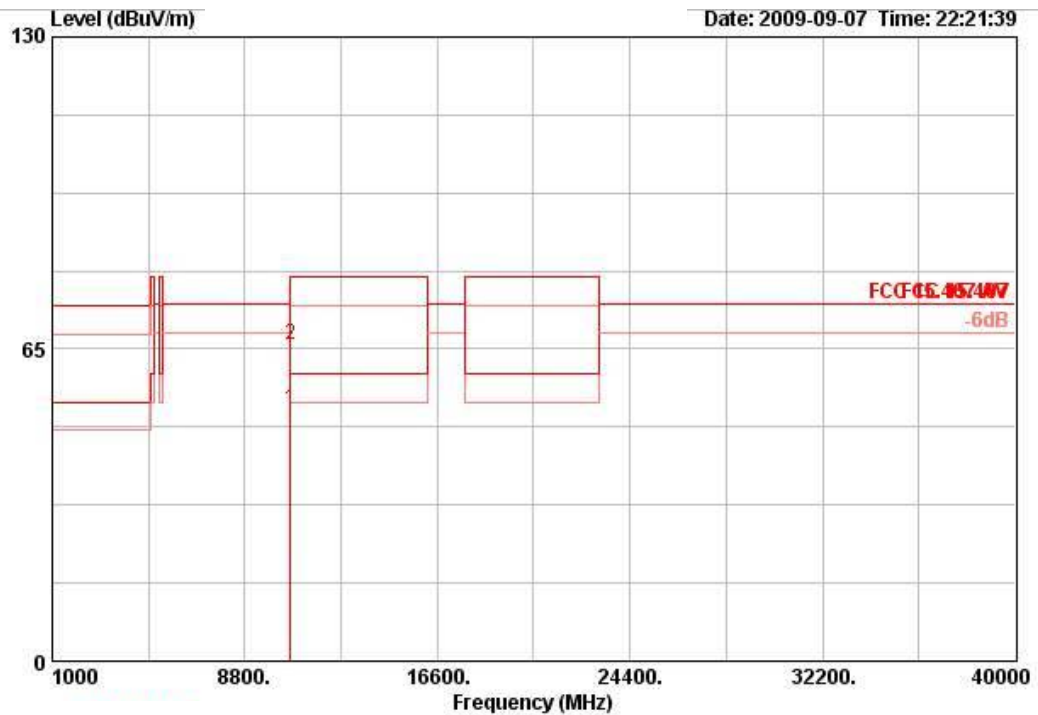
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 64 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10637.840	52.32	60.00	-7.68	42.72	6.62	35.39	38.37	204	106	AVERAGE	HORIZONTAL
2	10638.160	65.76	80.00	-14.24	56.16	6.62	35.39	38.37	204	106	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

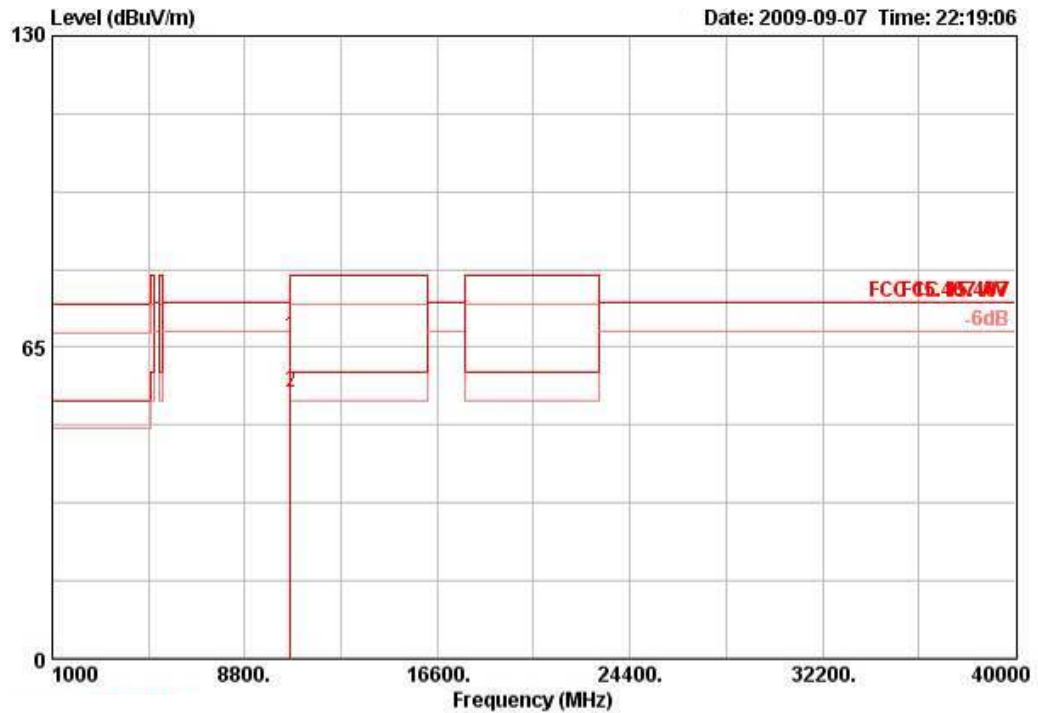The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

Level (dBuV/m)   Date: 2009-09-07 Time: 22:19:06

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10638.520	67.33	80.00	-12.67	57.73	6.62	35.39	38.37	246	105	PEAK	VERTICAL
2 !	10638.560	55.48	60.00	-4.52	45.88	6.62	35.39	38.37	246	105	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

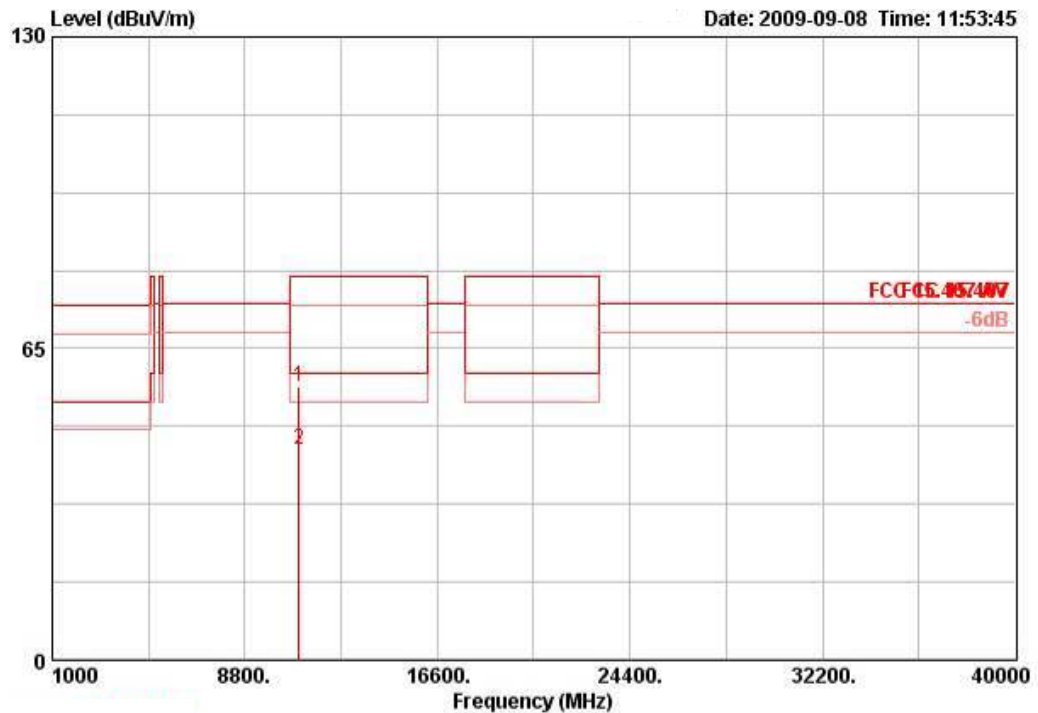Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 100 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10999.880	57.10	80.00	-22.90	47.14	6.74	35.10	38.32	179	111	PEAK	HORIZONTAL
2	10999.960	44.01	60.00	-15.99	34.06	6.74	35.10	38.32	179	111	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
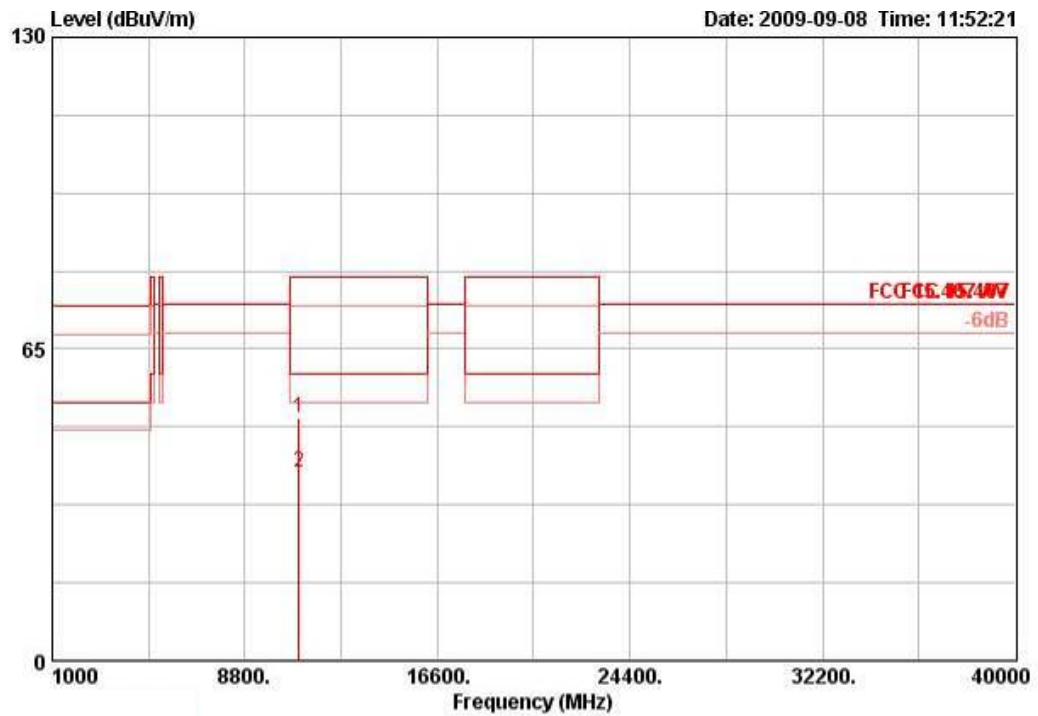
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11000.000	50.48	80.00	-29.52	40.54	6.74	35.10	38.30	179	111	PEAK	VERTICAL
2	11000.160	39.16	60.00	-20.84	29.22	6.74	35.10	38.30	179	111	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

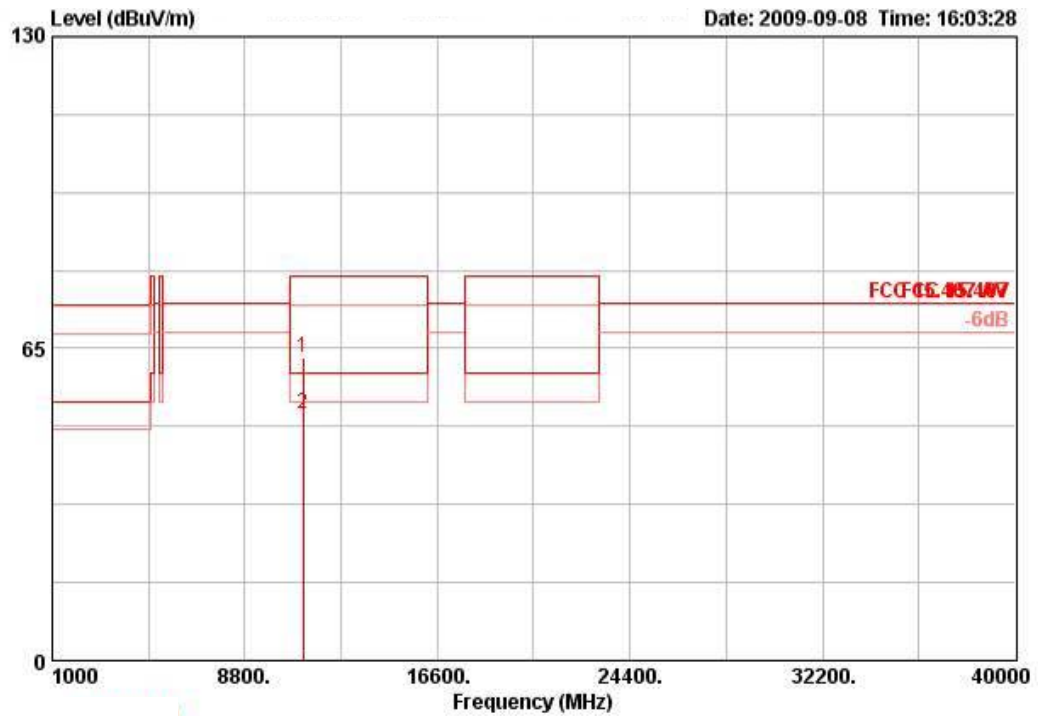Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 116 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11155.000	63.22	80.00	-16.78	53.19	6.74	35.16	38.45	228	117	PEAK	HORIZONTAL
2	11159.720	51.22	60.00	-8.78	41.18	6.74	35.17	38.47	228	117	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
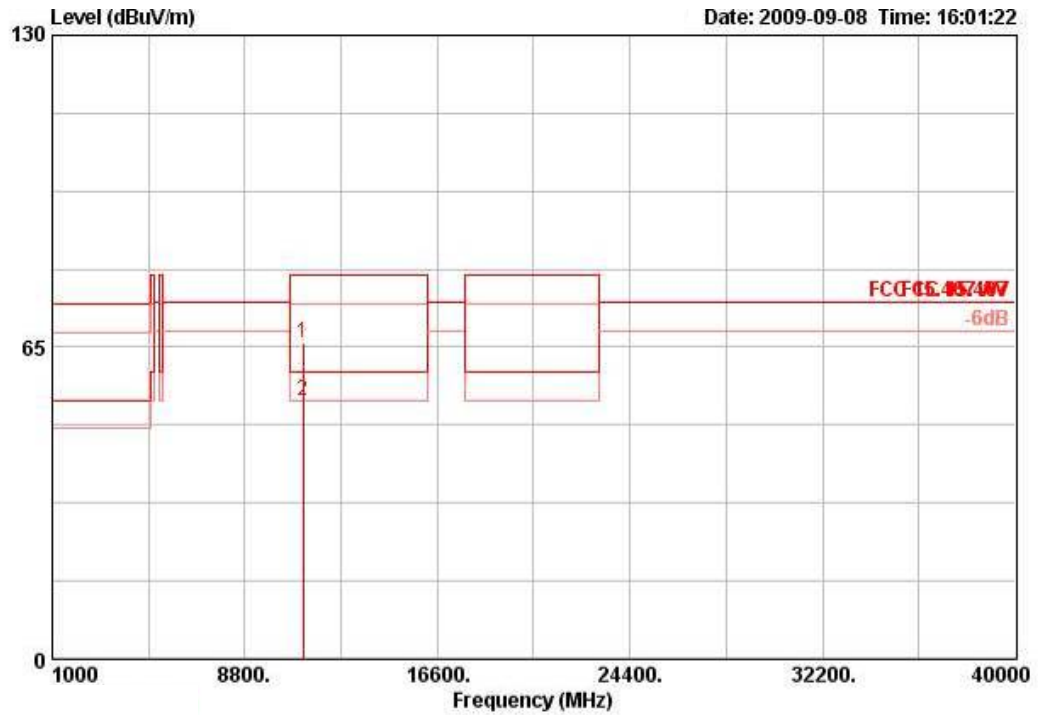
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11155.440	65.81	80.00	-14.19	55.78	6.74	35.16	38.45	316	100	PEAK	VERTICAL
2	11161.400	53.75	60.00	-6.25	43.71	6.74	35.17	38.47	316	100	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

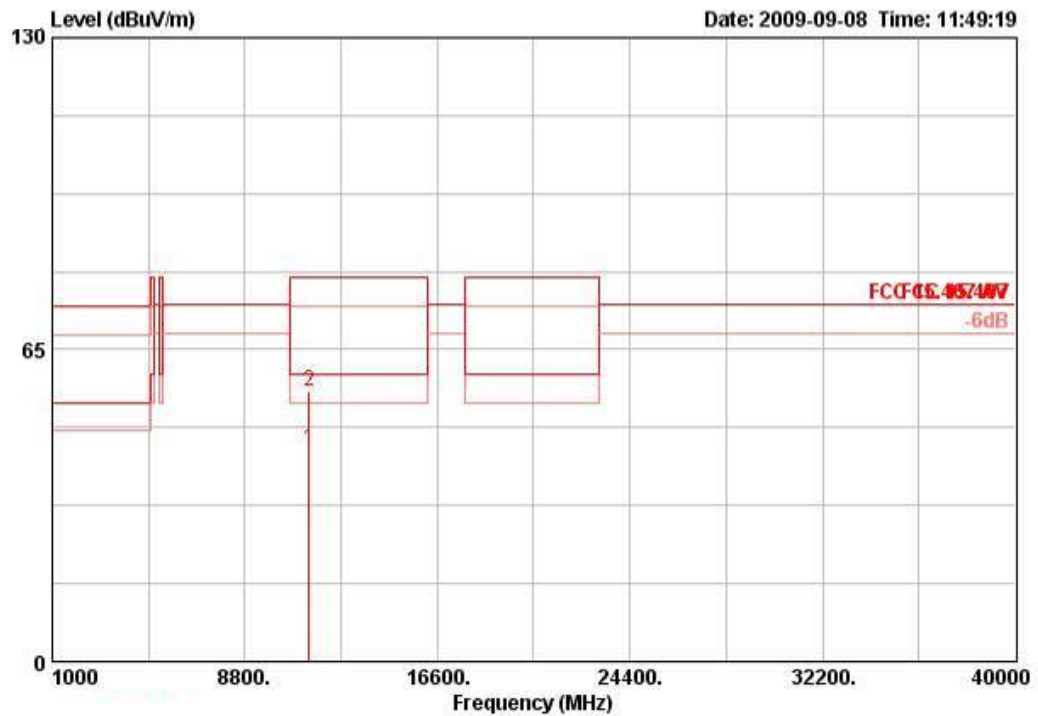Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 140 / Ant. 4

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11400.880	44.40	60.00	-15.60	34.22	6.74	35.26	38.70	177	111	AVERAGE	HORIZONTAL
2	11401.200	56.47	80.00	-23.53	46.28	6.74	35.26	38.70	177	111	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
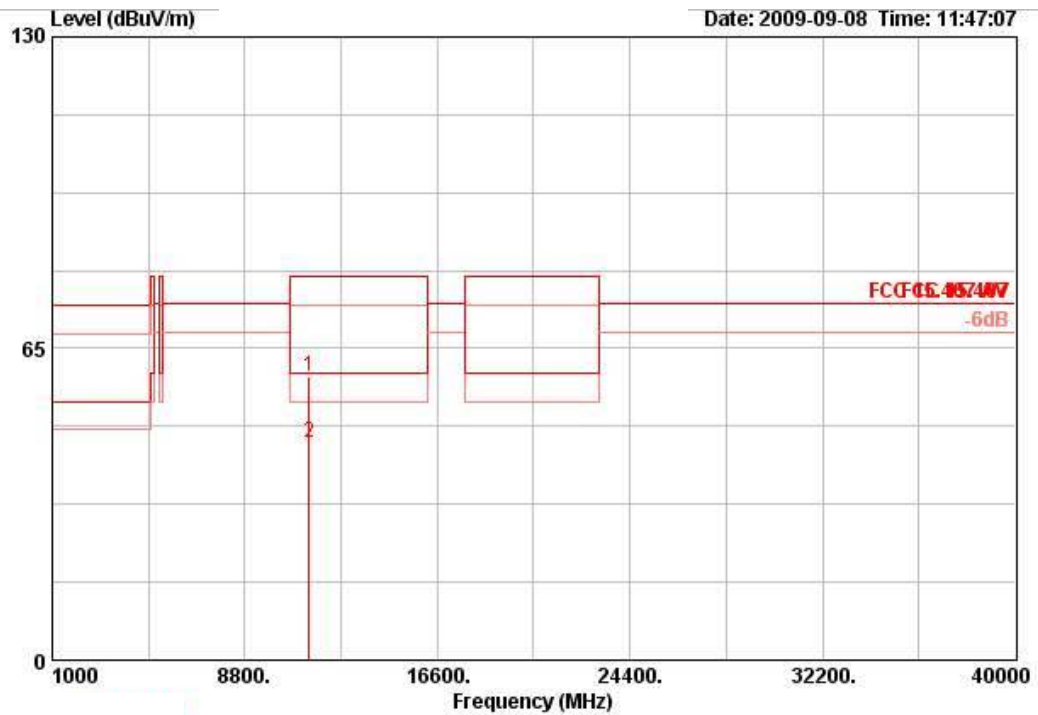
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11396.040	59.00	80.00	-21.00	48.83	6.74	35.26	38.68	110	112	PEAK	VERTICAL
2	11400.840	45.29	60.00	-14.71	35.11	6.74	35.26	38.70	110	112	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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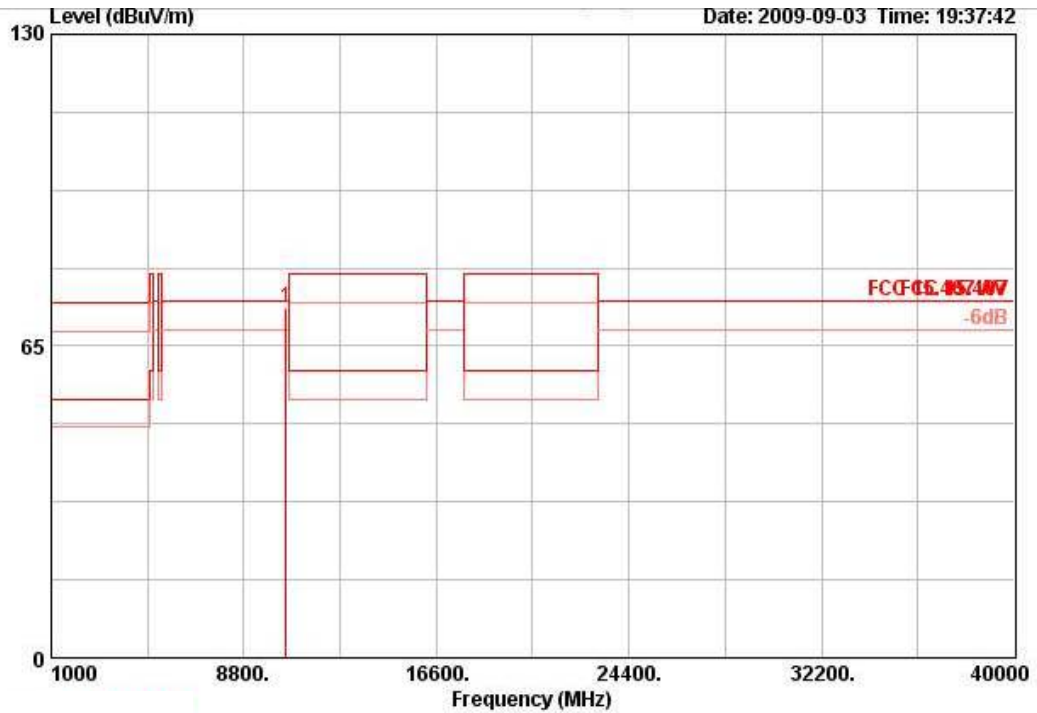
Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

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

<For Antenna 5>:

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 52 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10520.000	72.94	74.30	-1.36	63.46	6.58	35.50	38.40	192	116	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

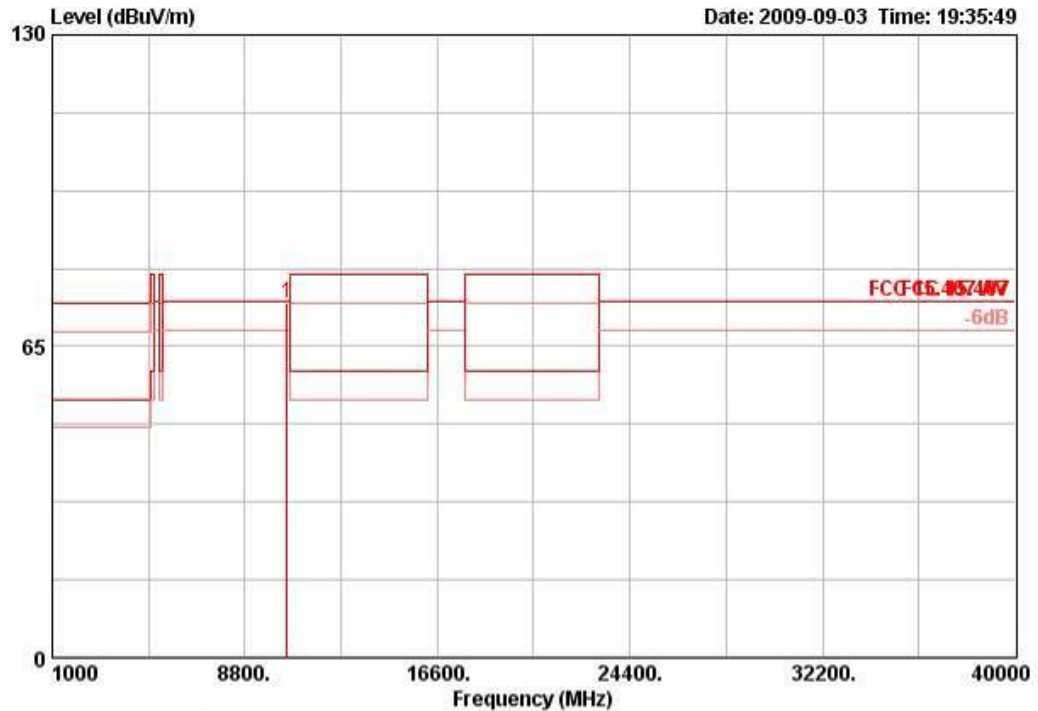The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10520.000	74.07	74.30	-0.23	64.59	6.58	35.50	38.39	4	117	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
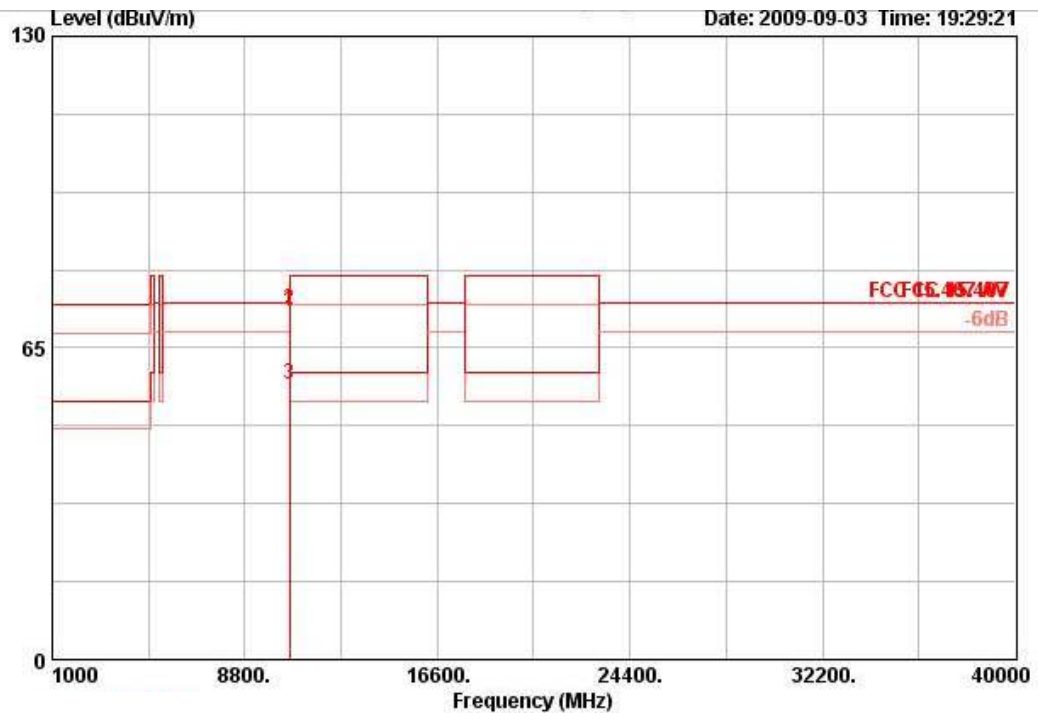
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 60 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10599.960	72.72	74.30	-1.58	63.15	6.61	35.42	38.38	203	113	PEAK	HORIZONTAL
2 @	10600.000	72.88	80.00	-7.12	63.31	6.61	35.42	38.38	203	113	PEAK	HORIZONTAL
3 @	10601.080	57.35	60.00	-2.65	47.79	6.61	35.42	38.38	203	113	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
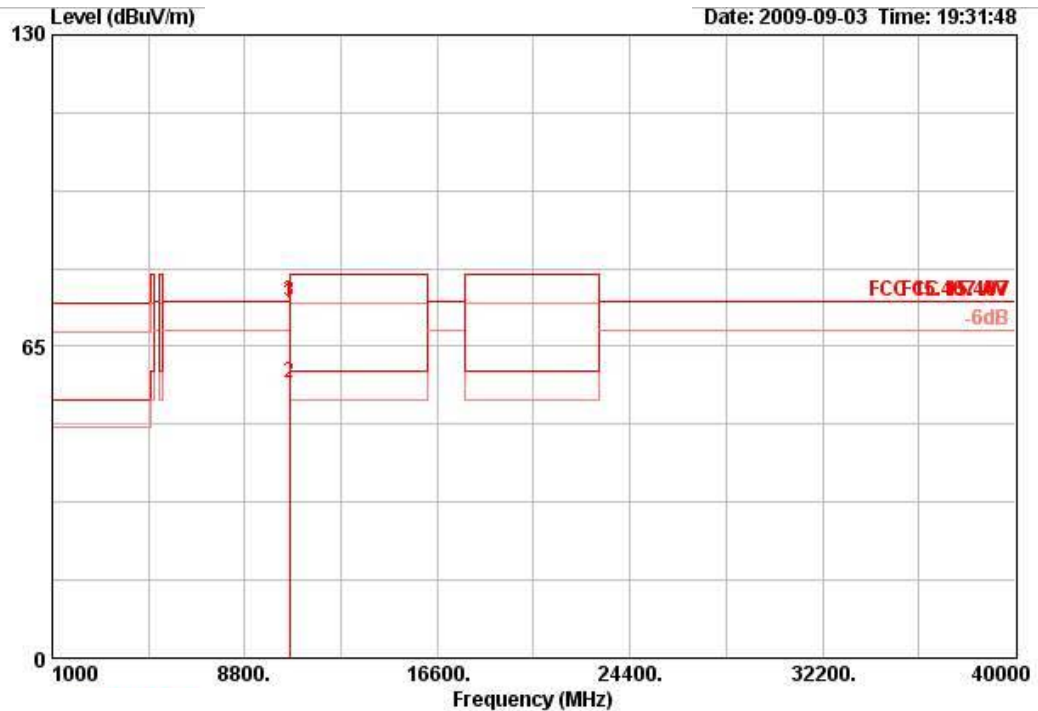
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

		Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	@	10599.960	73.96	74.30	-0.34	64.39	6.61	35.42	38.38	2	114	PEAK	VERTICAL
2	@	10600.000	57.40	60.00	-2.60	47.83	6.61	35.42	38.38	2	114	AVERAGE	VERTICAL
3	@	10600.000	74.22	80.00	-5.78	64.65	6.61	35.42	38.38	2	114	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

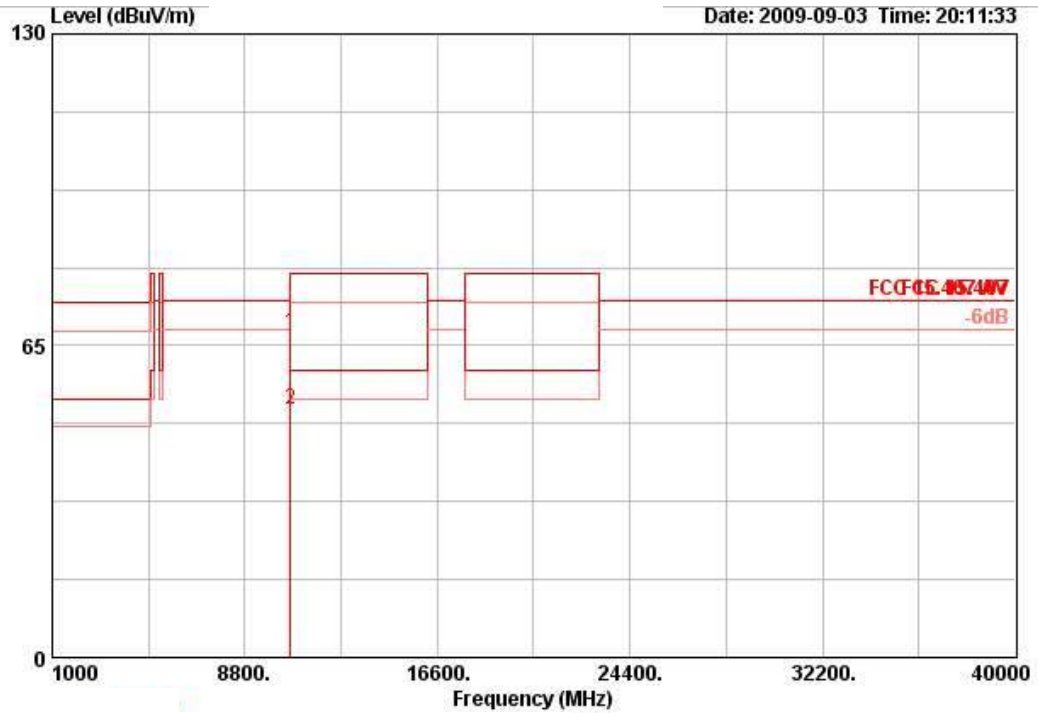Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 64 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10640.100	67.79	80.00	-12.21	58.19	6.62	35.39	38.37	196	103	PEAK	HORIZONTAL
2 @	10640.500	51.79	60.00	-8.21	42.19	6.62	35.39	38.37	196	103	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

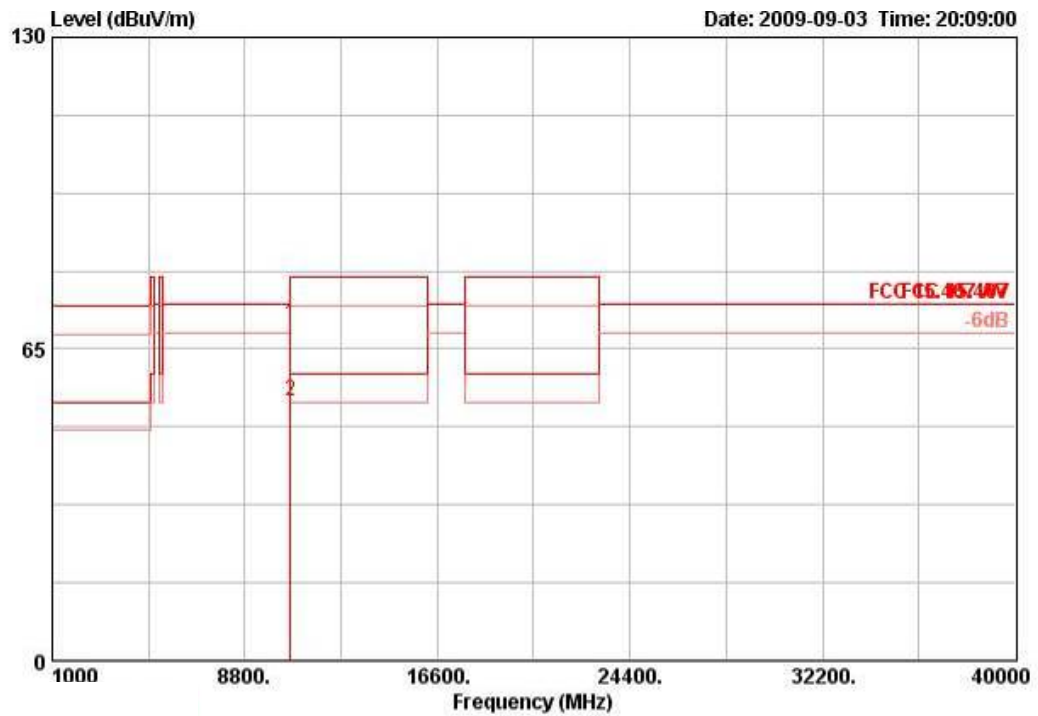The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

Level (dBuV/m)   Date: 2009-09-03 Time: 20:09:00

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10639.920	70.27	80.00	-9.73	60.67	6.62	35.39	38.37	3	100	PEAK	VERTICAL
2 @	10641.120	54.32	60.00	-5.68	44.72	6.62	35.39	38.37	3	100	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
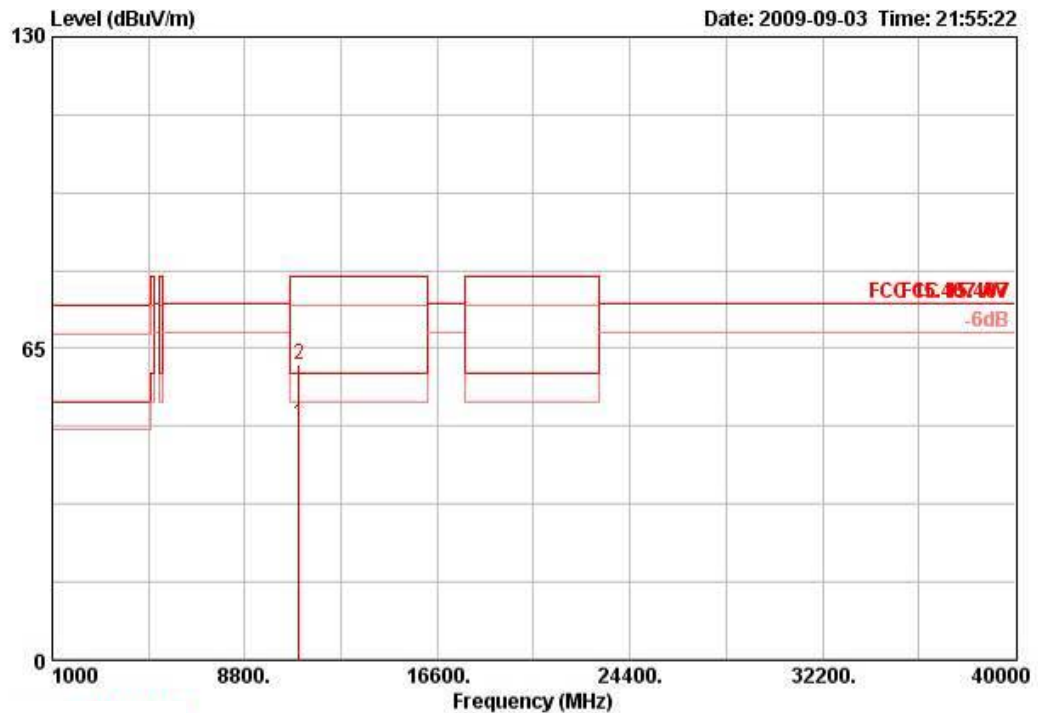
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 100 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10999.760	49.15	60.00	-10.85	39.20	6.74	35.10	38.32	124	100	AVERAGE	HORIZONTAL
2	11002.920	61.57	80.00	-18.43	51.61	6.74	35.10	38.32	124	100	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

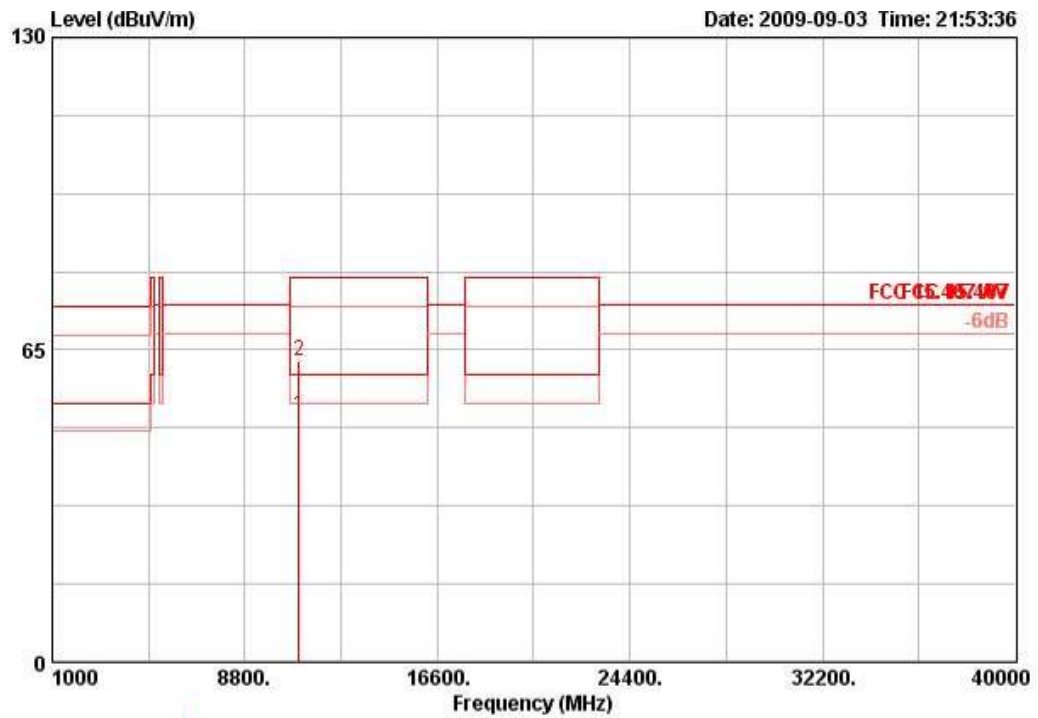The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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

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

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

Vertical

Level (dBuV/m)   Date: 2009-09-03 Time: 21:53:36

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	11000.000	51.53	60.00	-8.47	41.59	6.74	35.10	38.30	296	100	AVERAGE	VERTICAL
2	11002.840	62.74	80.00	-17.26	52.80	6.74	35.10	38.30	296	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
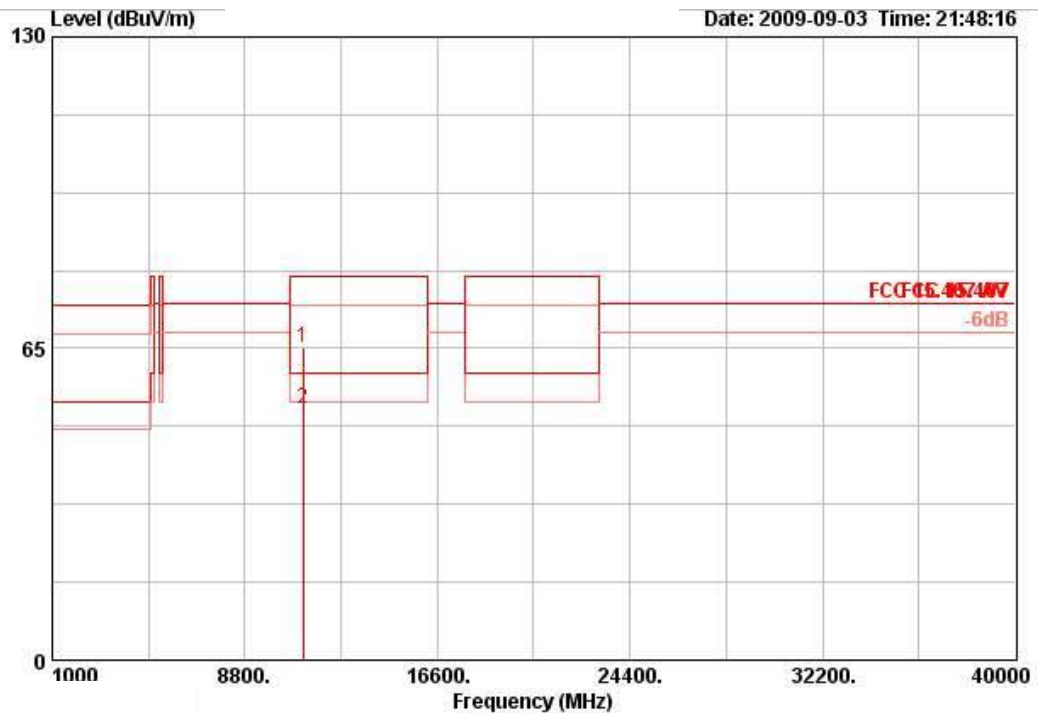
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 116 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11156.560	65.07	80.00	-14.93	55.04	6.74	35.16	38.45	125	100	PEAK	HORIZONTAL
2 @	11161.600	52.41	60.00	-7.59	42.38	6.74	35.17	38.47	125	100	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

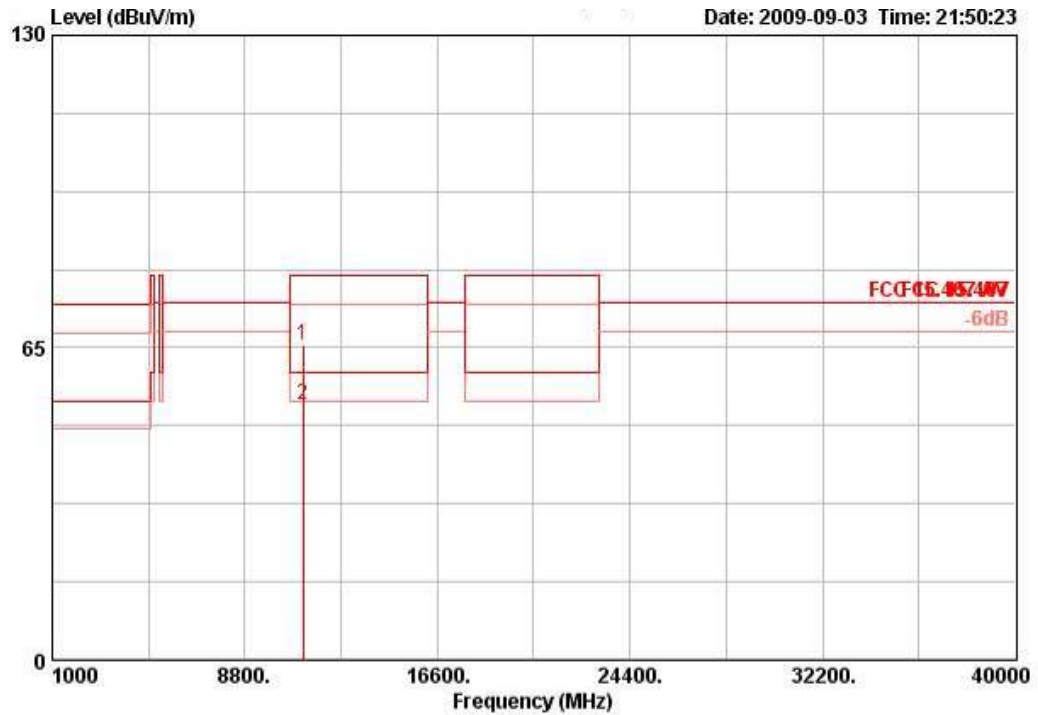The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11156.320	65.48	80.00	-14.52	55.45	6.74	35.16	38.45	215	101	PEAK	VERTICAL
2 @	11160.600	53.10	60.00	-6.90	43.06	6.74	35.17	38.47	215	101	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
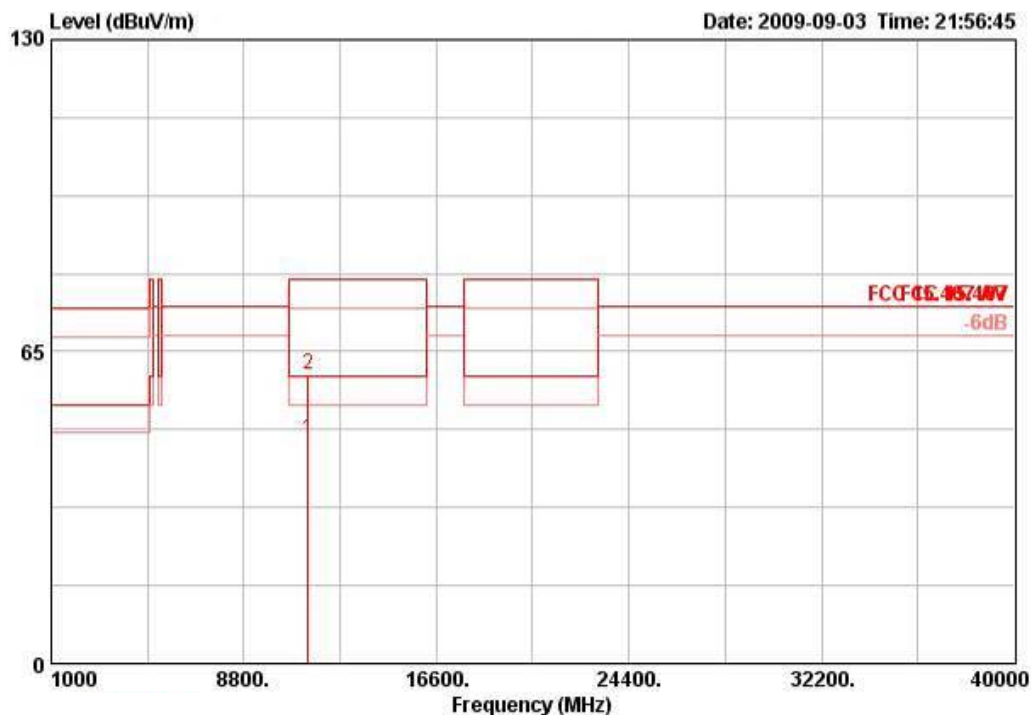
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 20MHz Ch 140 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11399.680	46.77	60.00	-13.23	36.58	6.74	35.26	38.70	121	105	AVERAGE	HORIZONTAL
2	11401.760	60.05	80.00	-19.95	49.86	6.74	35.26	38.70	121	105	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

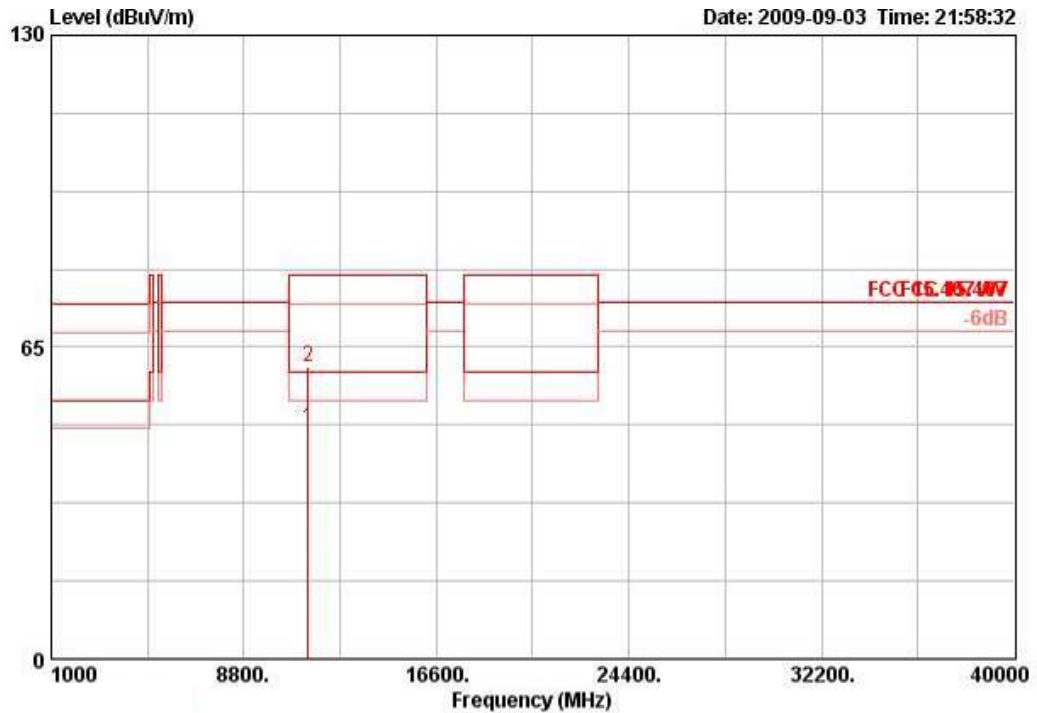The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11398.320	48.06	60.00	-11.94	37.87	6.74	35.26	38.70	304	100	AVERAGE	VERTICAL
2	11399.920	60.87	80.00	-19.13	50.68	6.74	35.26	38.70	304	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

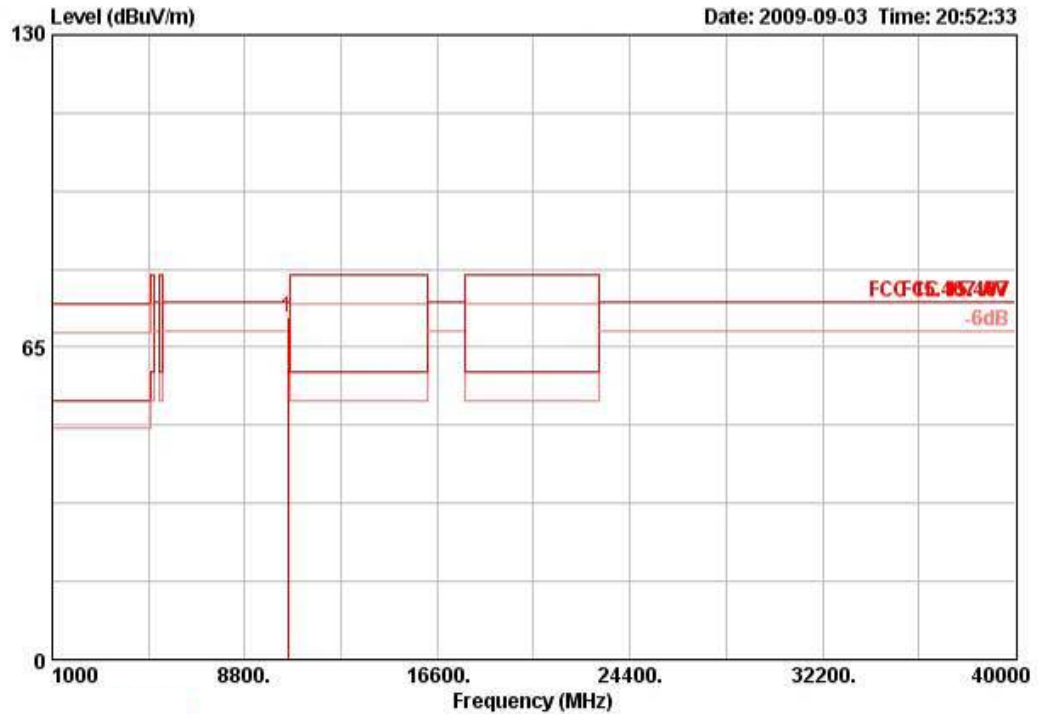Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 54 / Ant. 5

Horizontal

		Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @		10539.960	71.23	74.30	-3.07	61.73	6.59	35.48	38.39	195	111	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
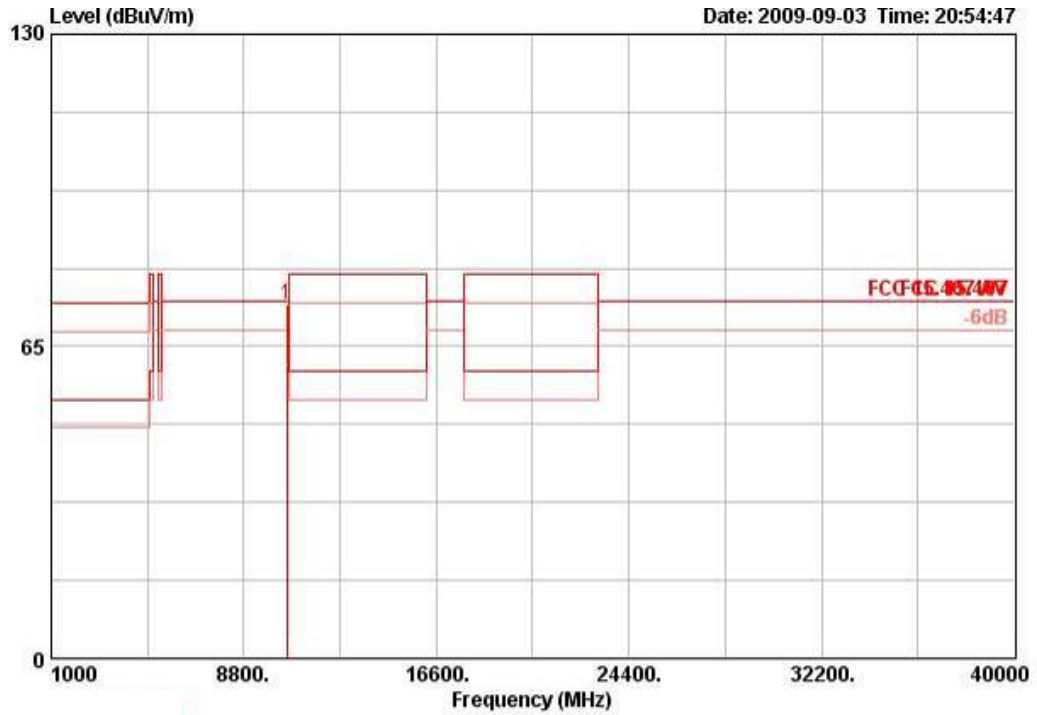
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10540.040	73.66	74.30	-0.64	64.16	6.59	35.48	38.39	2	129	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
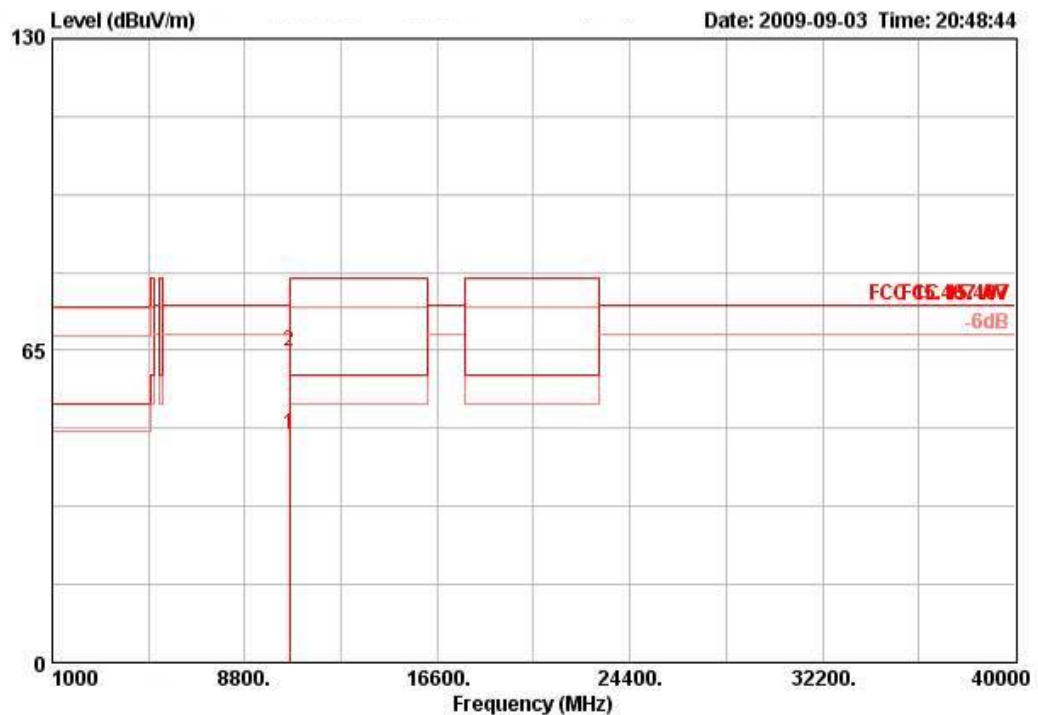
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 62 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10617.880	47.42	60.00	-12.58	37.85	6.61	35.42	38.38	197	106	AVERAGE	HORIZONTAL
2	10619.920	64.84	80.00	-15.16	55.27	6.61	35.42	38.38	197	106	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

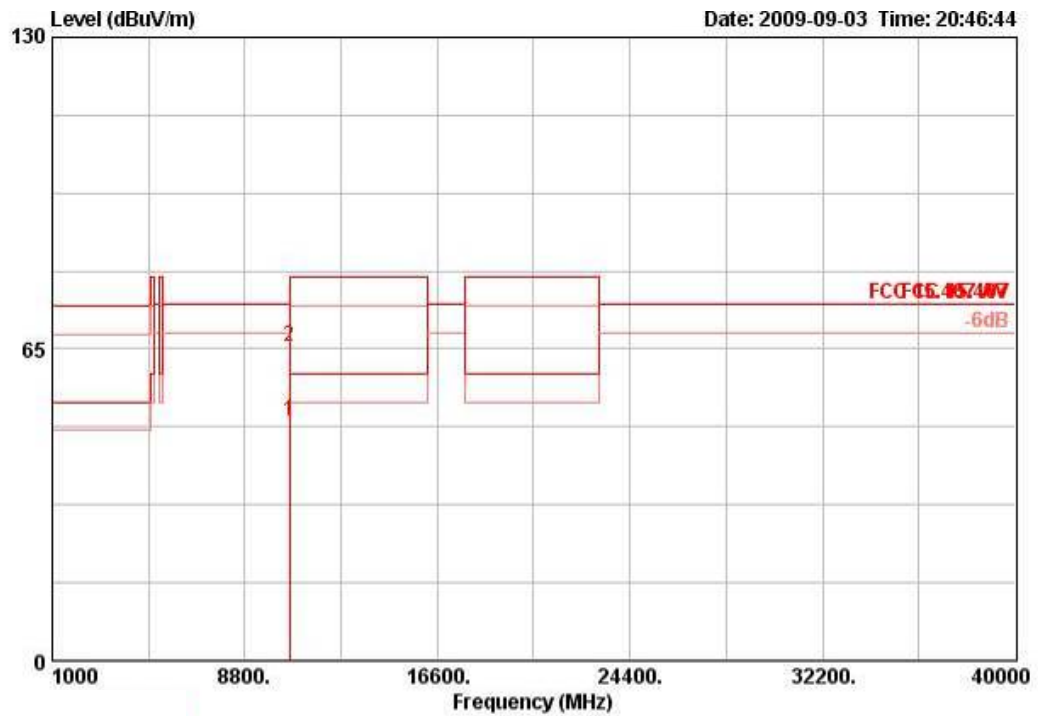The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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

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

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

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	10619.280	49.88	60.00	-10.12	40.31	6.61	35.42	38.38	246	101	AVERAGE	VERTICAL
2	10619.840	65.63	80.00	-14.37	56.05	6.61	35.42	38.38	246	101	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

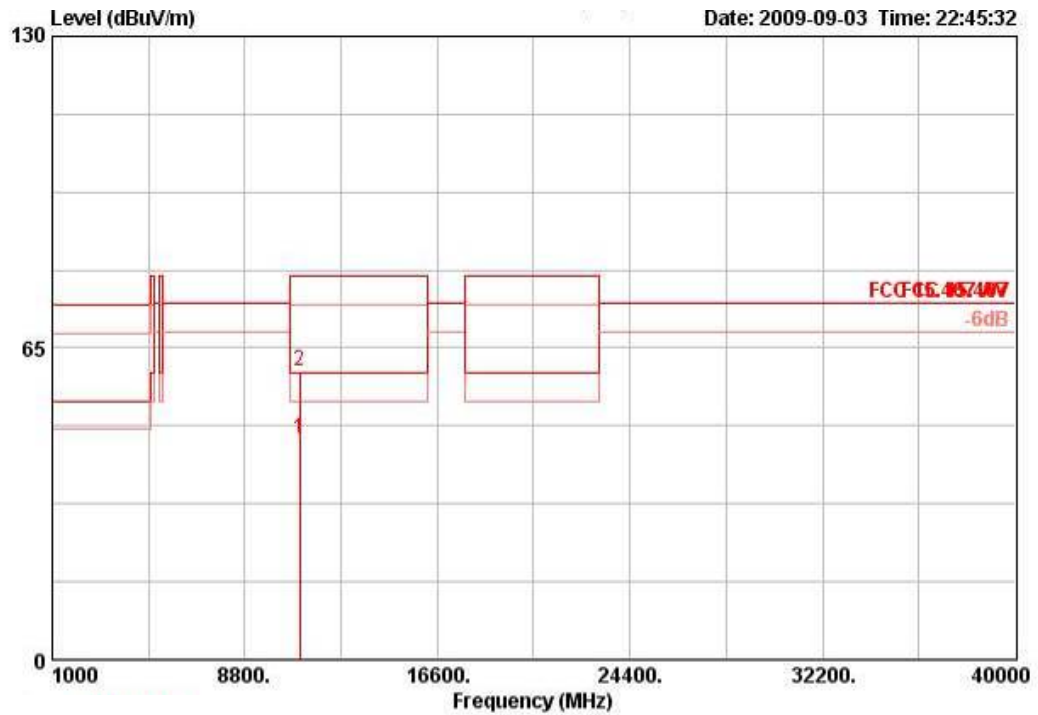Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 102 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11019.920	46.21	60.00	-13.79	36.25	6.74	35.11	38.33	304	103	AVERAGE	HORIZONTAL
2	11020.100	60.08	80.00	-19.92	50.12	6.74	35.11	38.33	304	103	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
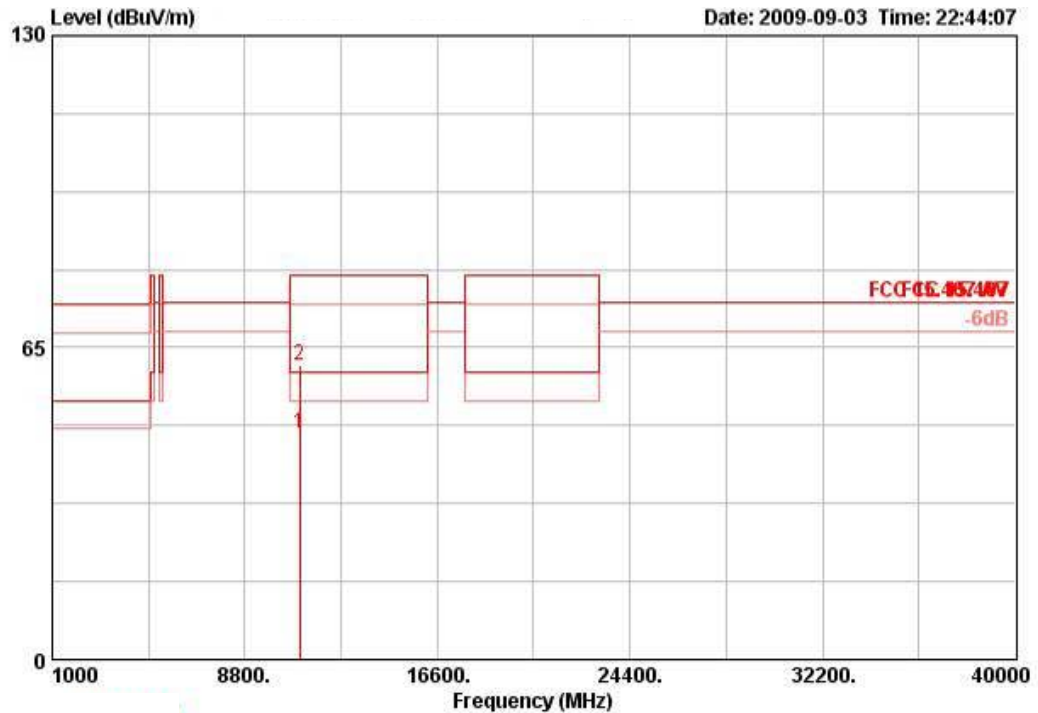
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11020.020	47.21	60.00	-12.79	37.26	6.74	35.11	38.32	304	103	AVERAGE	VERTICAL
2	11020.020	61.21	80.00	-18.79	51.26	6.74	35.11	38.32	304	103	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

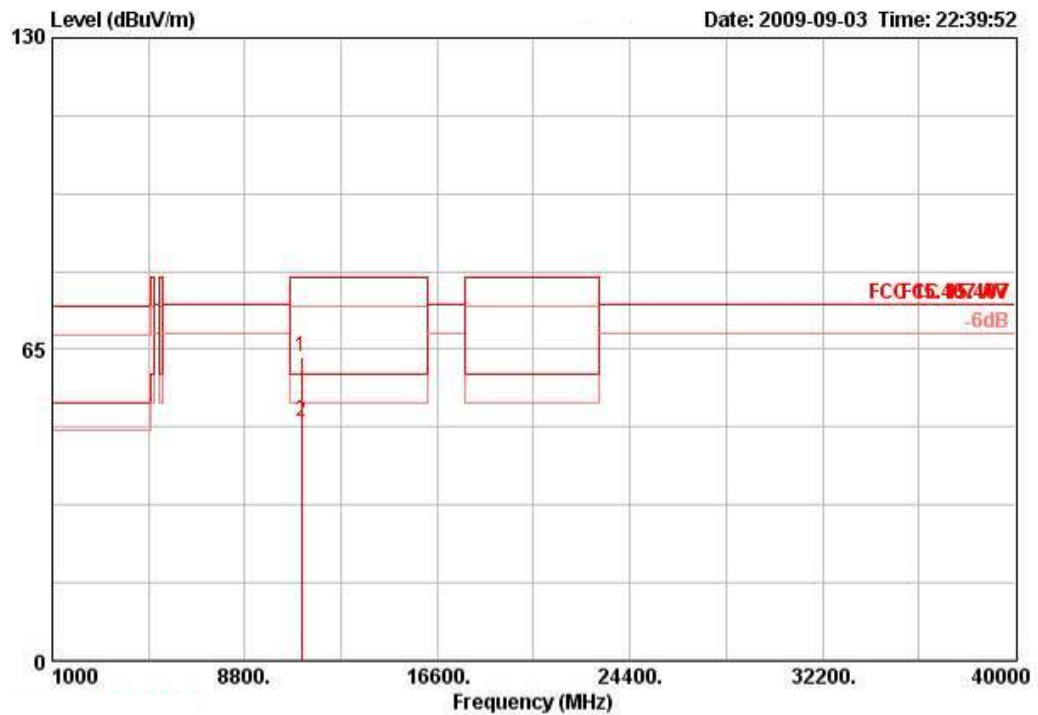Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 110 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11101.240	63.30	80.00	-16.70	53.30	6.74	35.14	38.40	125	100	PEAK	HORIZONTAL
2	11101.450	49.83	60.00	-10.17	39.83	6.74	35.14	38.40	125	100	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

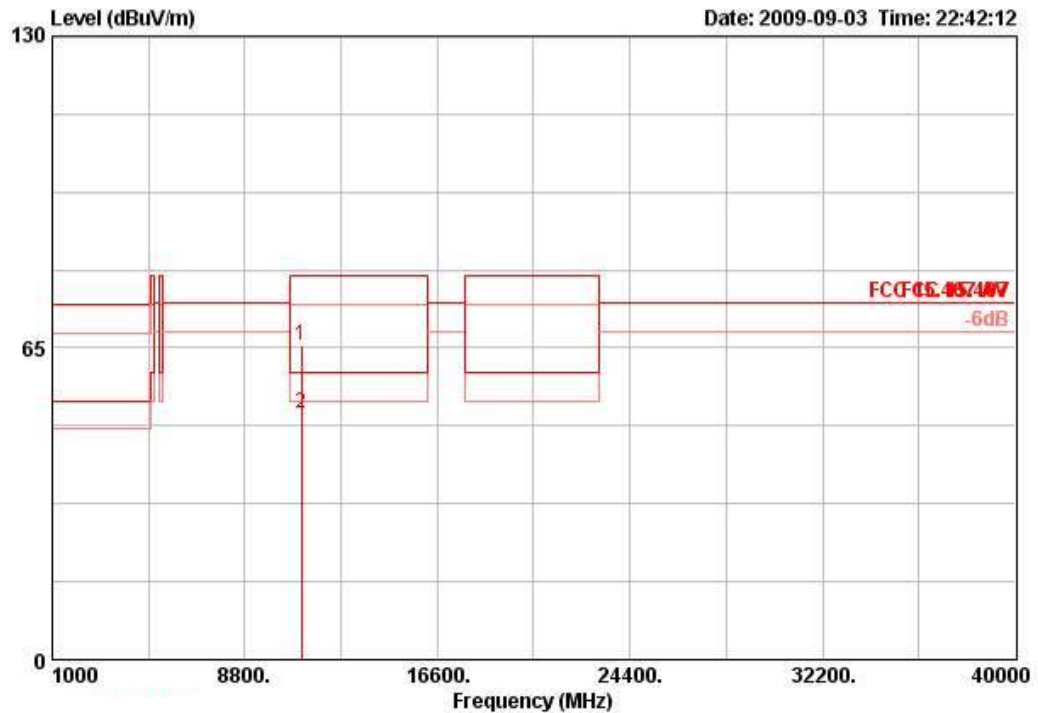The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11100.020	65.69	80.00	-14.31	55.69	6.74	35.14	38.40	309	104	PEAK	VERTICAL
2 @	11100.040	51.48	60.00	-8.52	41.48	6.74	35.14	38.40	309	104	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

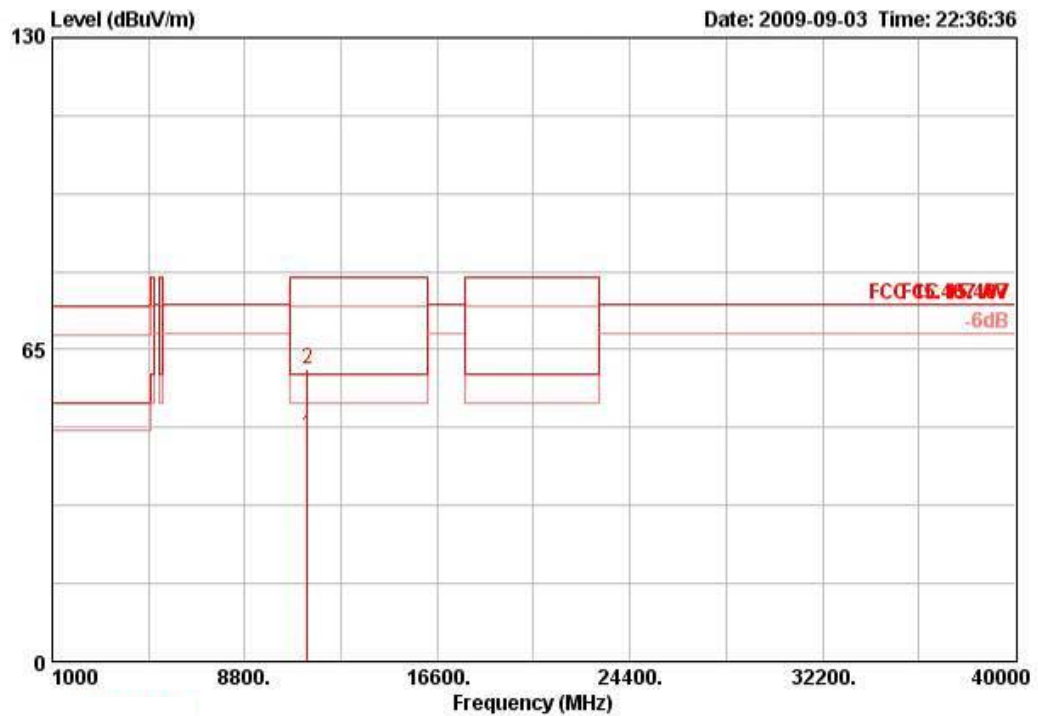Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11n MCS8 40MHz Ch 134 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11340.320	47.01	60.00	-12.99	36.88	6.74	35.24	38.63	126	100	AVERAGE	HORIZONTAL
2	11340.540	61.00	80.00	-19.00	50.87	6.74	35.24	38.63	126	100	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205. The limit is 74/54 dBuV/m at 3m in Peak and average value.

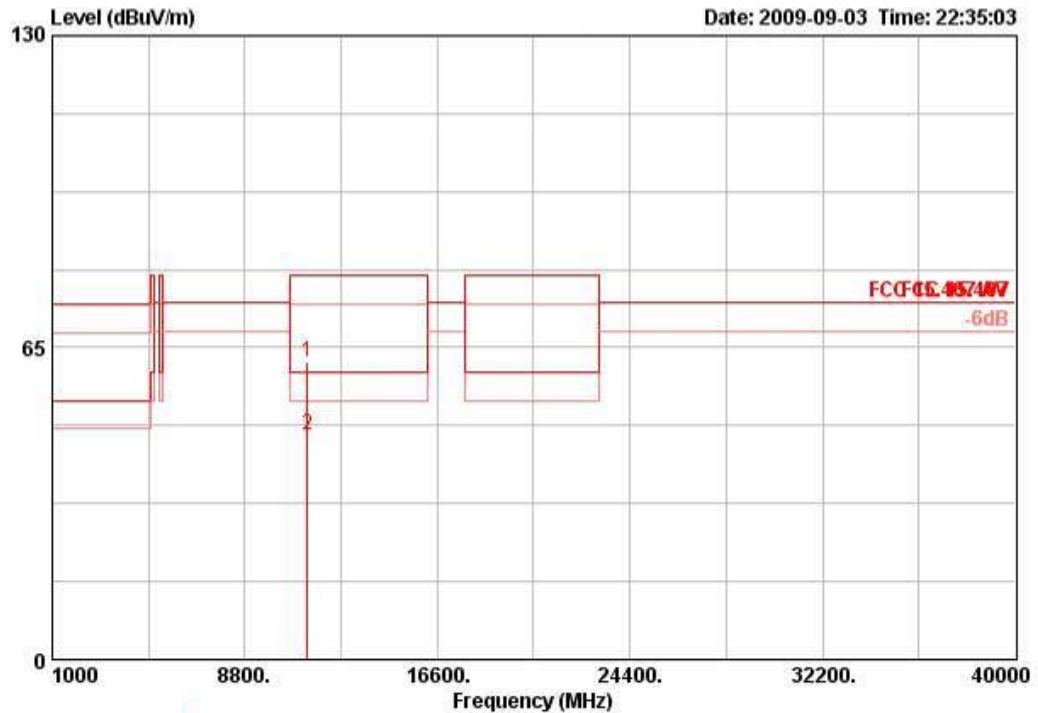The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11339.930	61.86	80.00	-18.14	51.73	6.74	35.24	38.63	293	100	PEAK	VERTICAL
2	11341.170	46.73	60.00	-13.27	36.59	6.74	35.24	38.63	293	100	AVERAGE	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

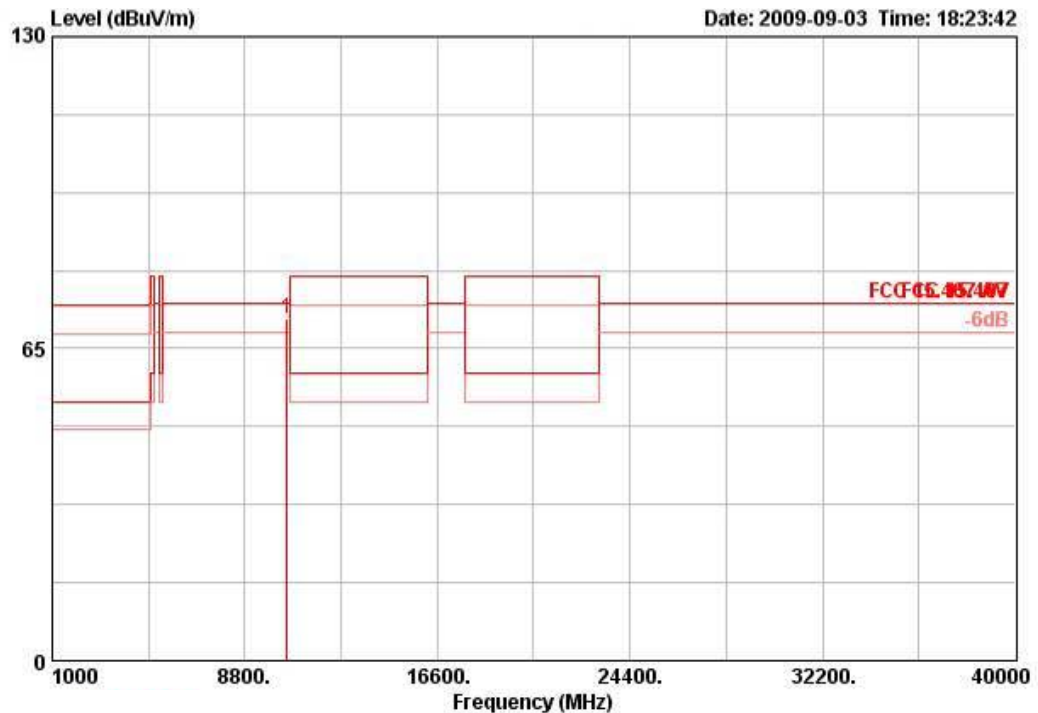Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 52 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10524.080	71.20	74.30	-3.10	61.70	6.58	35.48	38.40	26	115	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

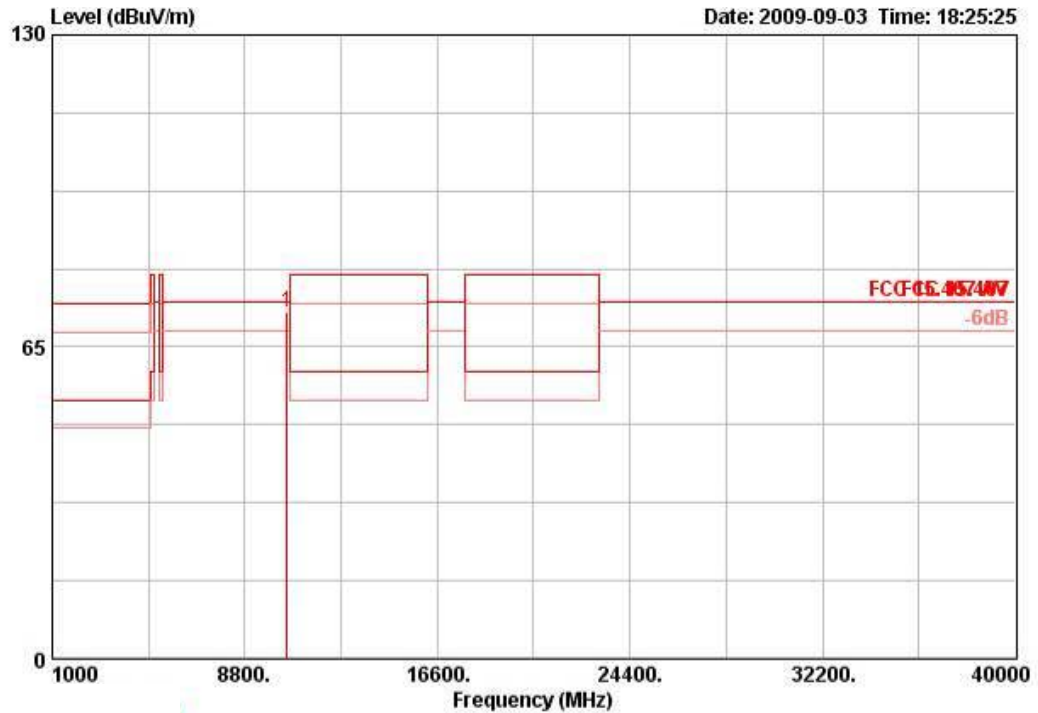The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10520.720	72.20	74.30	-2.10	62.72	6.58	35.50	38.39	224	100	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
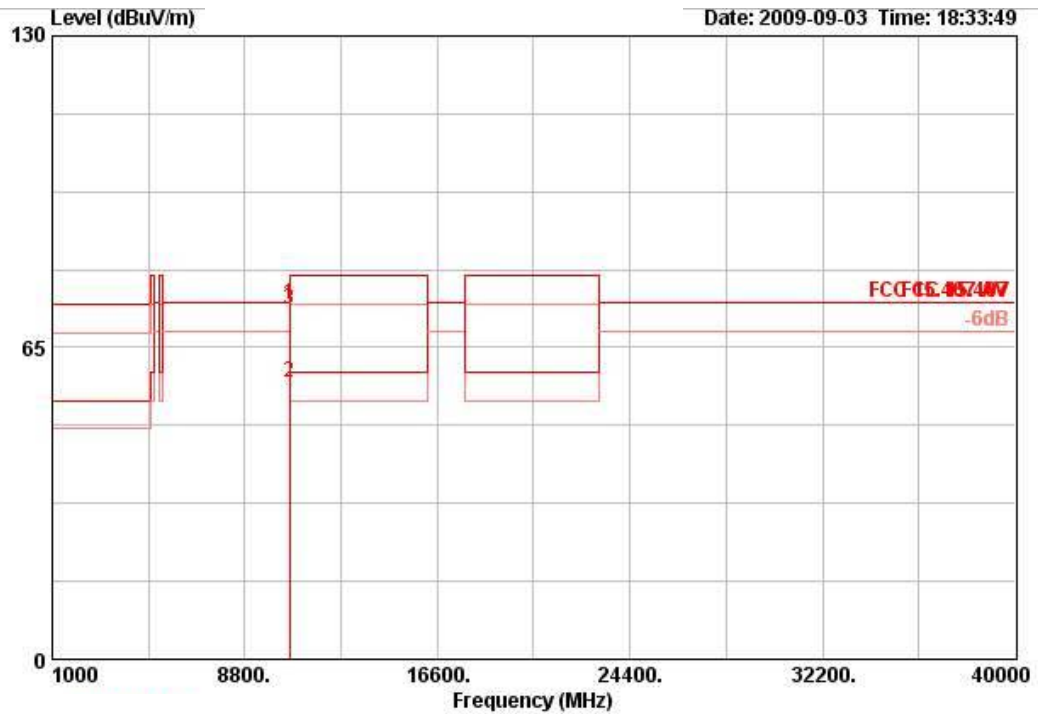
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8°C	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 60 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10598.680	73.92	74.30	-0.38	64.35	6.61	35.42	38.38	257	107	PEAK	HORIZONTAL
2 @	10603.440	57.84	60.00	-2.16	48.27	6.61	35.42	38.38	257	108	AVERAGE	HORIZONTAL
3 @	10603.480	73.10	80.00	-6.90	63.52	6.61	35.42	38.38	257	107	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
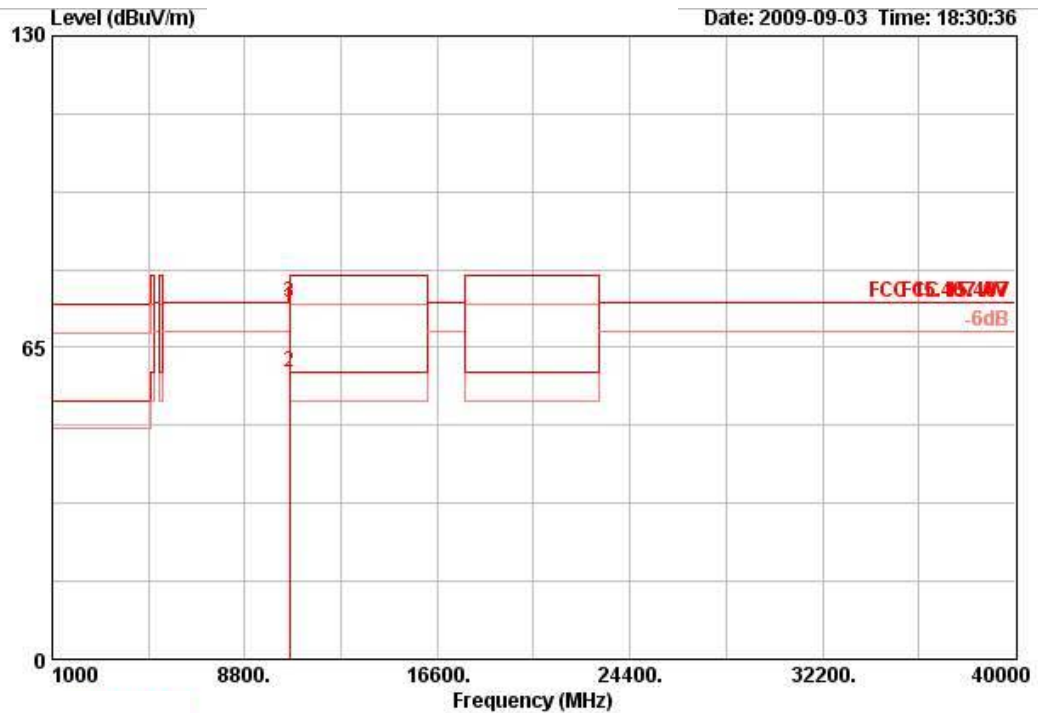
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10599.700	73.41	74.30	-0.89	63.84	6.61	35.42	38.38	307	103	PEAK	VERTICAL
2 @	10600.500	59.82	60.00	-0.18	50.25	6.61	35.42	38.38	307	103	AVERAGE	VERTICAL
3 @	10600.600	74.40	80.00	-5.60	64.83	6.61	35.42	38.38	307	103	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
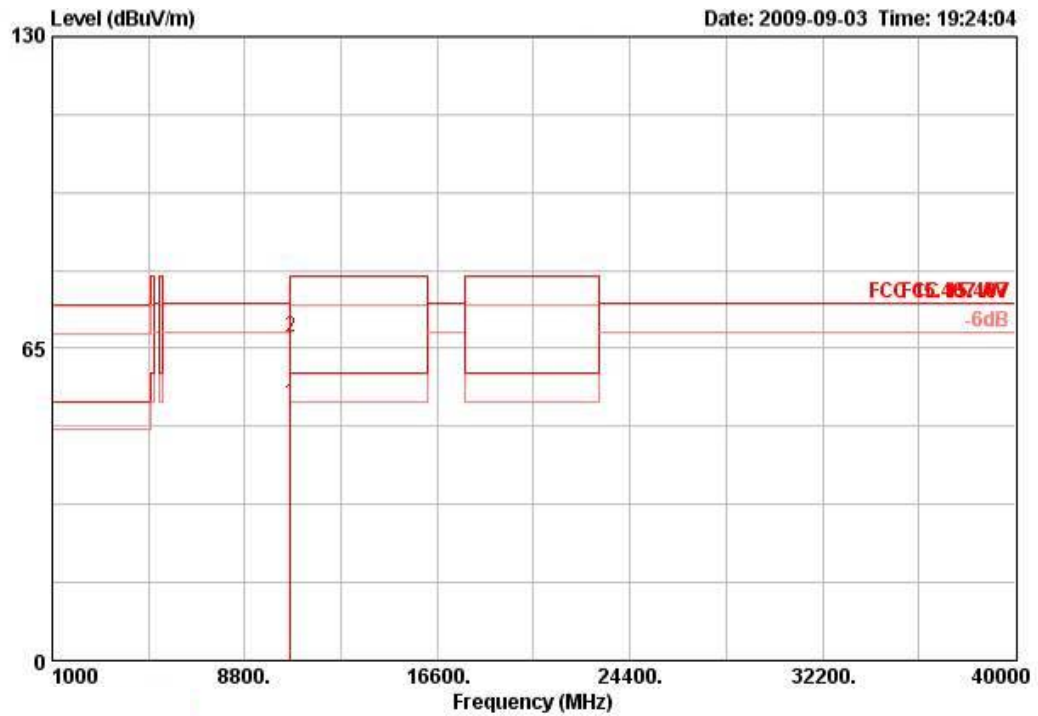
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 3m to 1.5m.

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

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

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 64 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10636.920	53.58	60.00	-6.42	43.98	6.62	35.39	38.37	179	114	AVERAGE	HORIZONTAL
2	10642.200	67.46	80.00	-12.54	57.86	6.62	35.39	38.37	179	114	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
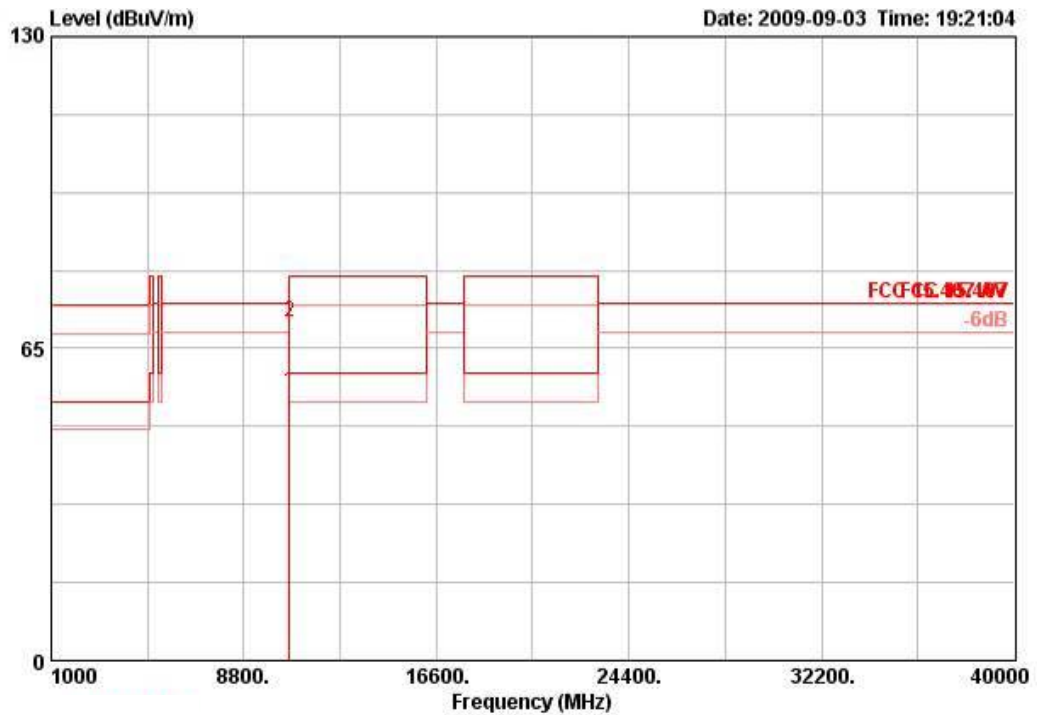
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	10638.240	55.91	60.00	-4.09	46.31	6.62	35.39	38.37	235	101	AVERAGE	VERTICAL
2	10638.480	70.41	80.00	-9.59	60.81	6.62	35.39	38.37	235	101	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

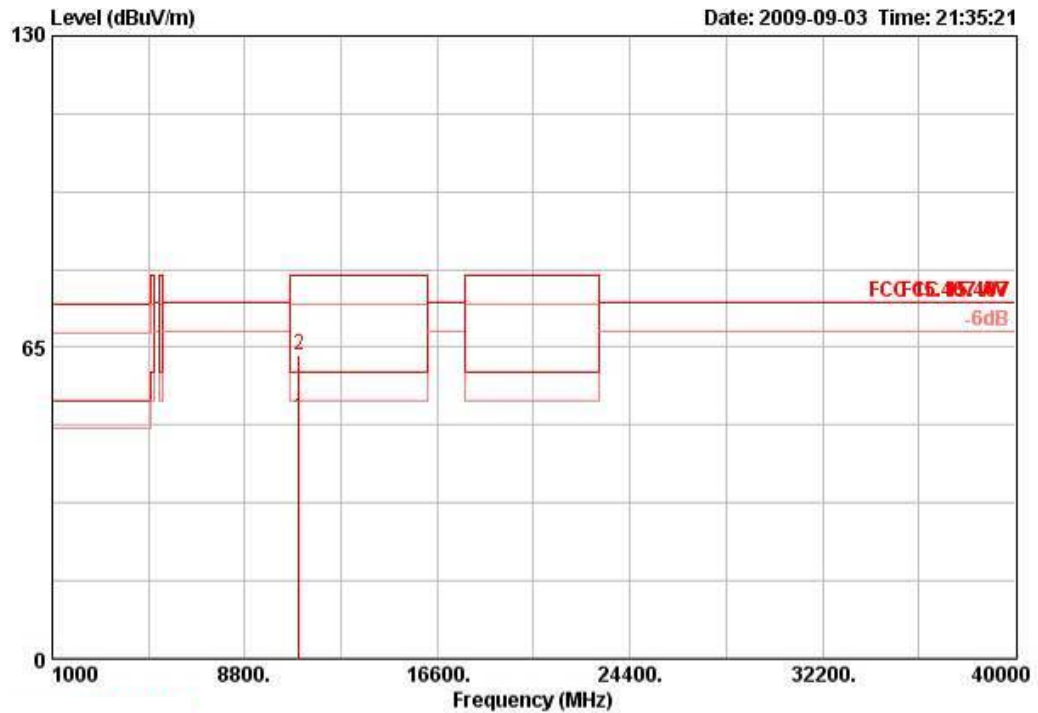Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 100 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11000.440	50.33	60.00	-9.67	40.37	6.74	35.10	38.32	124	111	AVERAGE	HORIZONTAL
2	11000.760	63.44	80.00	-16.56	53.48	6.74	35.10	38.32	124	111	PEAK	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
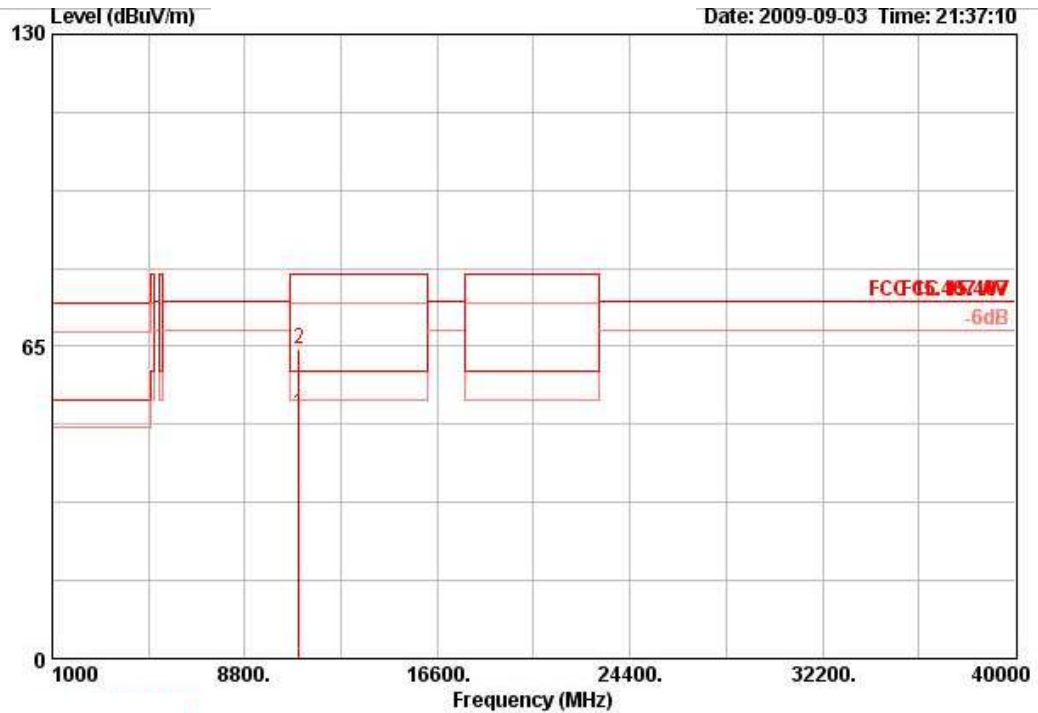
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11000.600	51.00	60.00	-9.00	41.06	6.74	35.10	38.30	311	110	AVERAGE	VERTICAL
2	11001.160	64.64	80.00	-15.36	54.70	6.74	35.10	38.30	311	110	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

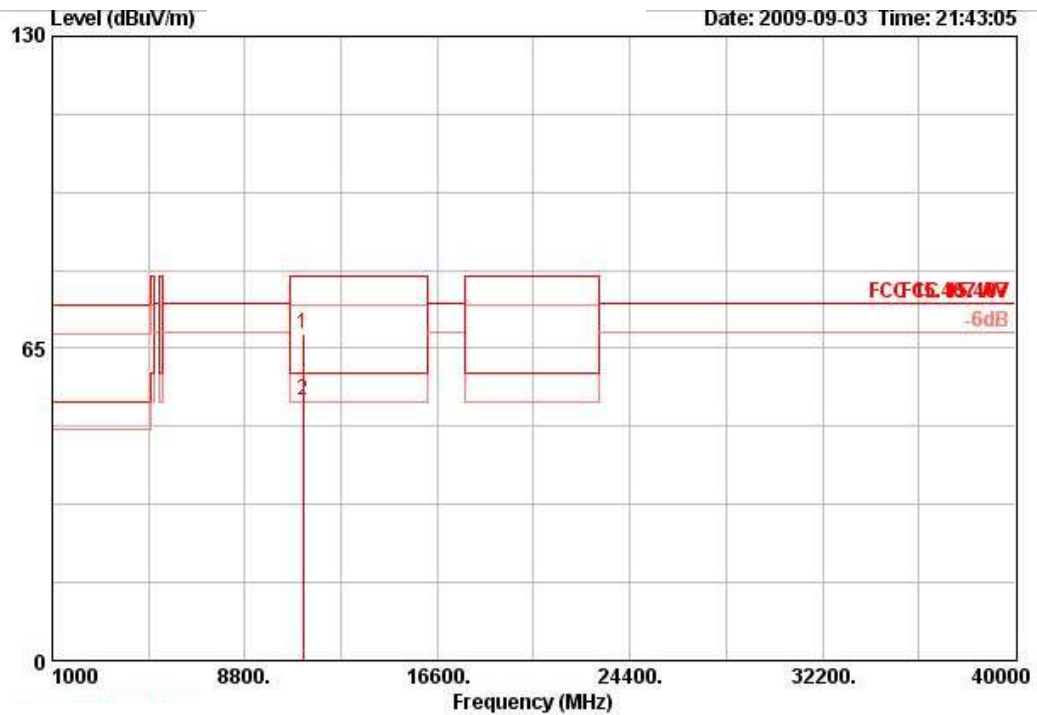Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 116 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11155.440	68.15	80.00	-11.85	58.12	6.74	35.16	38.45	125	100	PEAK	HORIZONTAL
2 @	11160.920	54.11	60.00	-5.89	44.08	6.74	35.17	38.47	125	100	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
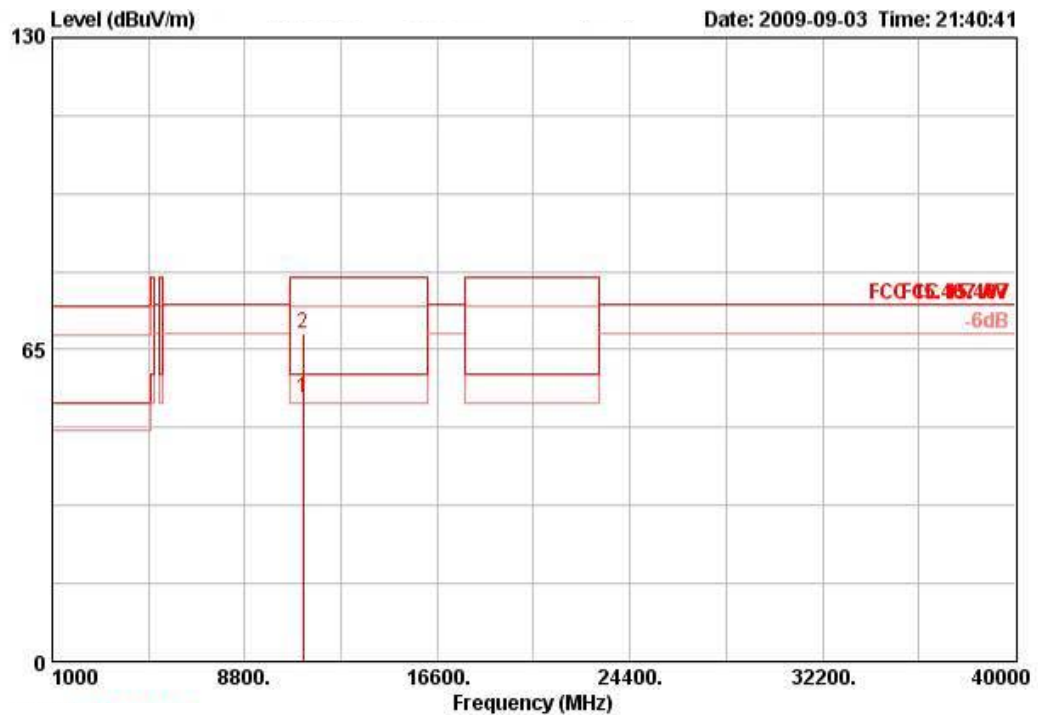
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 @	11160.880	54.87	60.00	-5.13	44.83	6.74	35.17	38.47	213	103	AVERAGE	VERTICAL
2	11161.400	68.41	80.00	-11.59	58.38	6.74	35.17	38.47	213	103	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

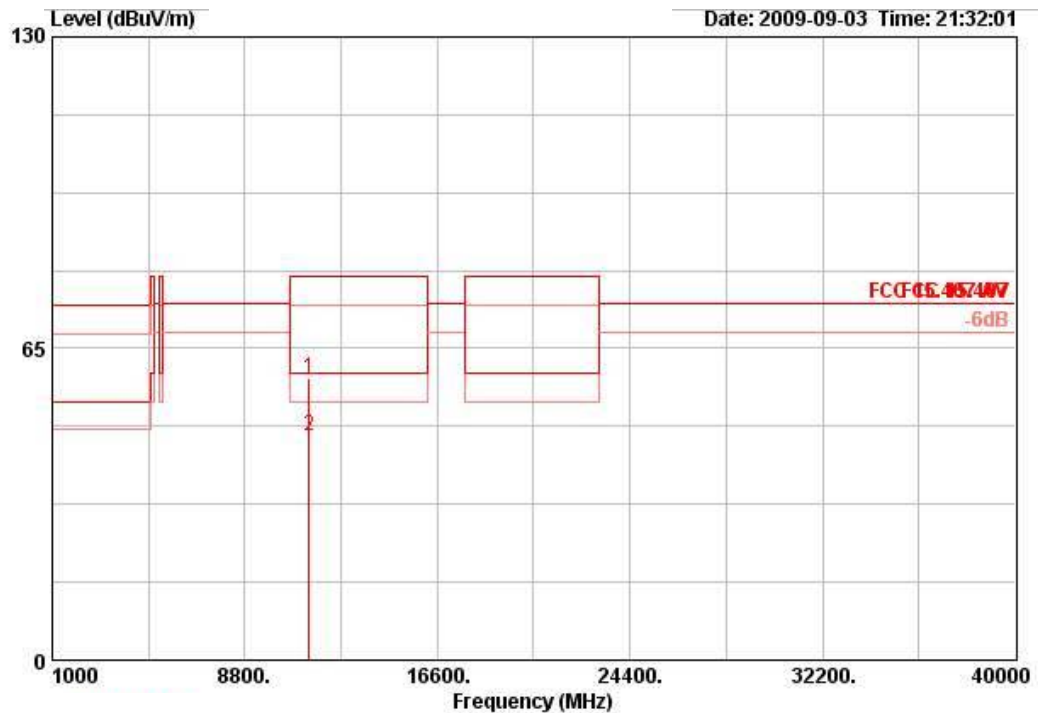Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade form 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].

Temperature	26.8℃	Humidity	56%
Test Engineer	Beck Wu	Configurations	802.11a Ch 140 / Ant. 5

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11401.000	58.67	80.00	-21.33	48.48	6.74	35.26	38.70	322	109	PEAK	HORIZONTAL
2	11401.320	46.68	60.00	-13.32	36.50	6.74	35.26	38.70	322	109	AVERAGE	HORIZONTAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.
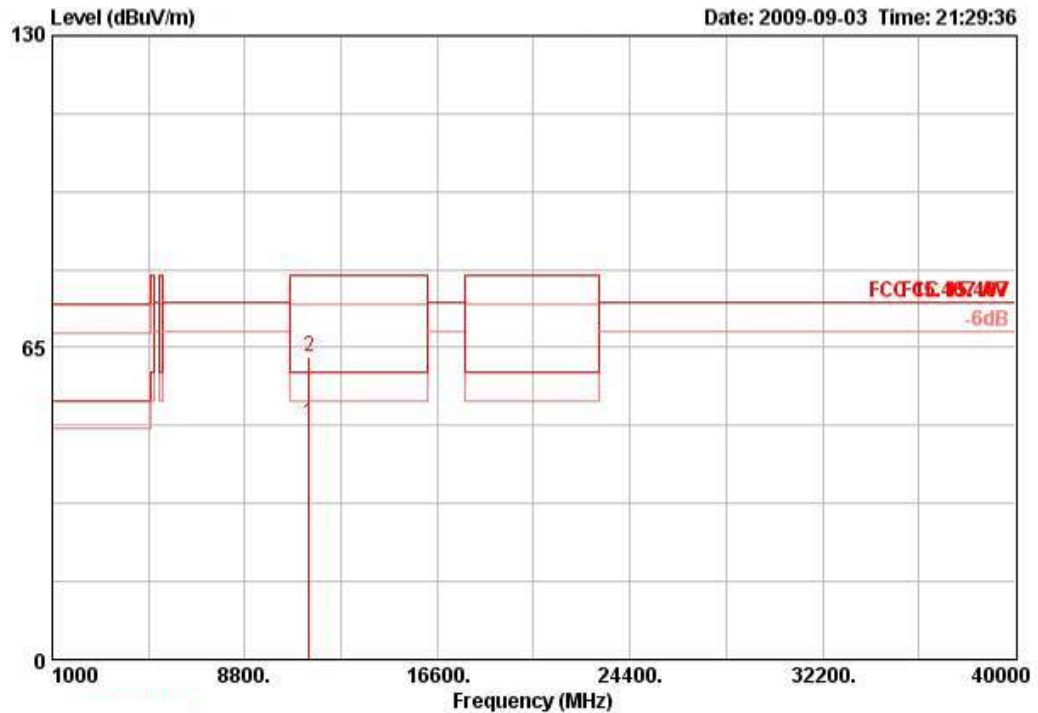
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Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1.5m]) (dB);

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Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Table Pos	Ant Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	11400.740	49.37	60.00	-10.63	39.19	6.74	35.26	38.70	212	104	AVERAGE	VERTICAL
2	11401.000	62.94	80.00	-17.06	52.75	6.74	35.26	38.70	212	104	PEAK	VERTICAL

Note:

There are two spurious emission limit rules from 1GHz to 40GHz. One is restricted band defined in 15.205.

The limit is 74/54 dBuV/m at 3m in Peak and average value.

The other one is undesirable emission defined in 15.407(b). The limit is EIRP of -27dBm/MHz.

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 form 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].