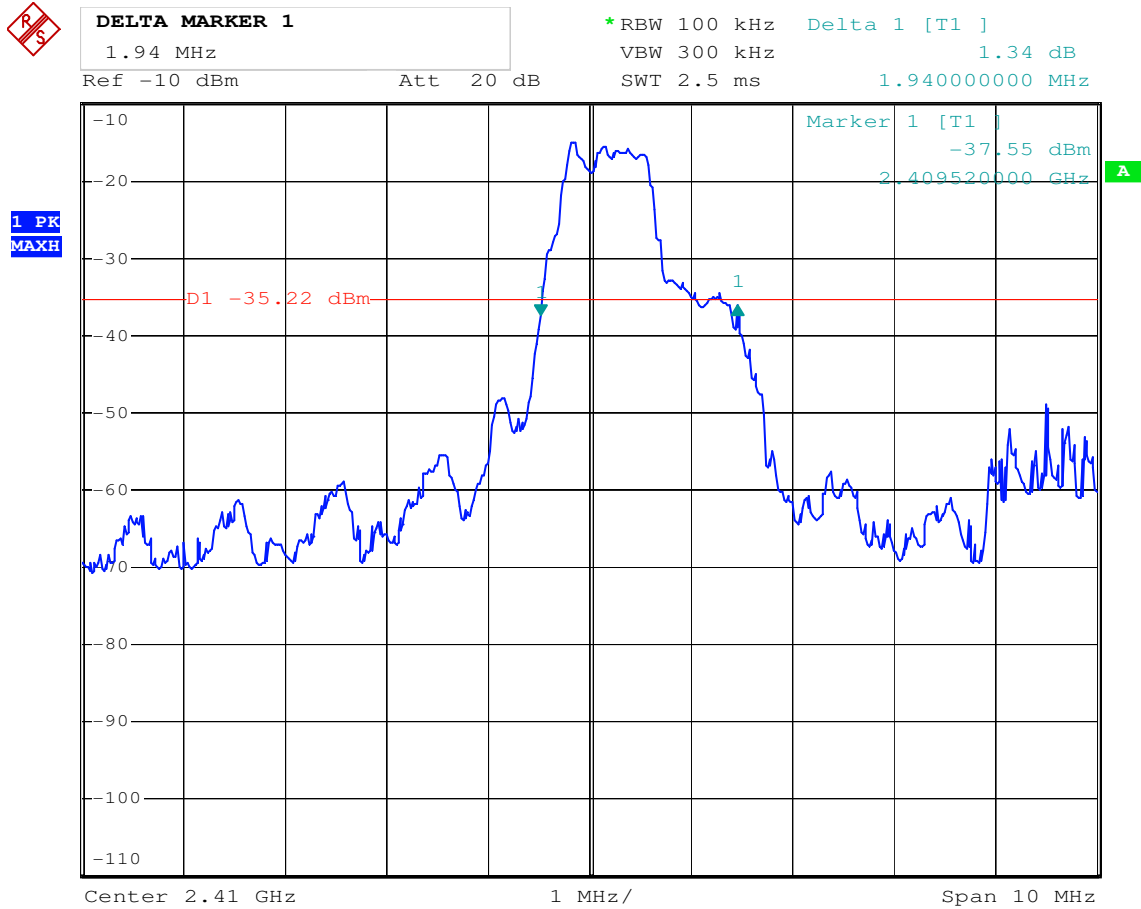


Appendix 1

Test Results

20dB Bandwidth

Tx frequency: 2410MHz



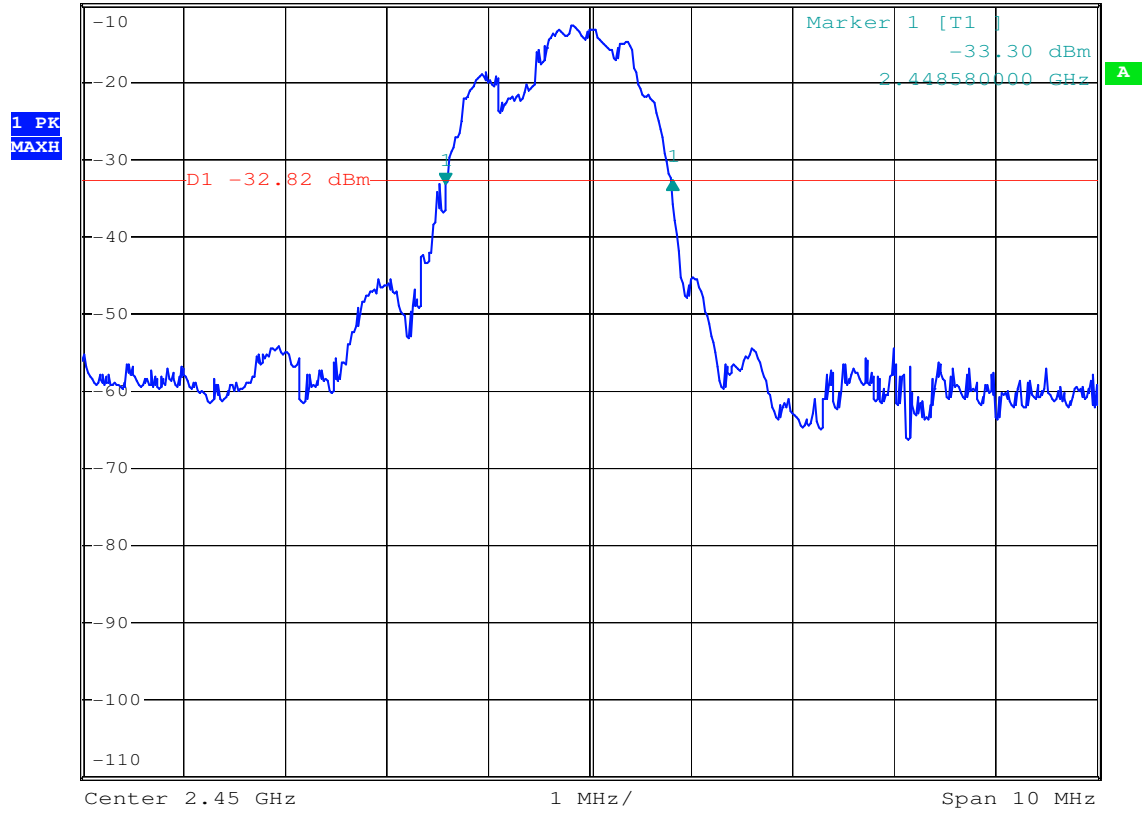
Date: 12.AUG.2014 17:09:08

Tx frequency: 2450MHz



DELTA MARKER 1
2.24 MHz
Ref -10 dBm Att 20 dB

*RBW 100 kHz Delta 1 [T1]
VBW 300 kHz 0.47 dB
SWT 2.5 ms 2.24000000 MHz



Date: 12.AUG.2014 17:03:11

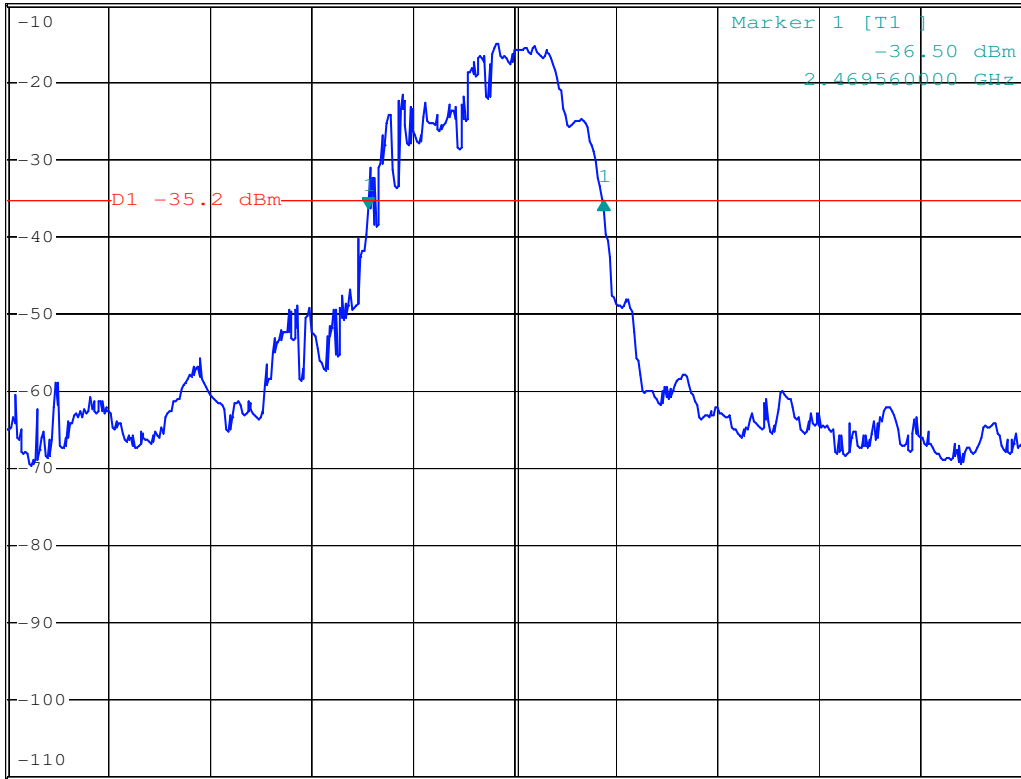
Tx frequency: 2471MHz



DELTA MARKER 1
2.32 MHz
Ref -10 dBm Att 20 dB

*RBW 100 kHz Delta 1 [T1]
VBW 300 kHz 1.16 dB
SWT 2.5 ms 2.32000000 MHz

1 PK
MAXH



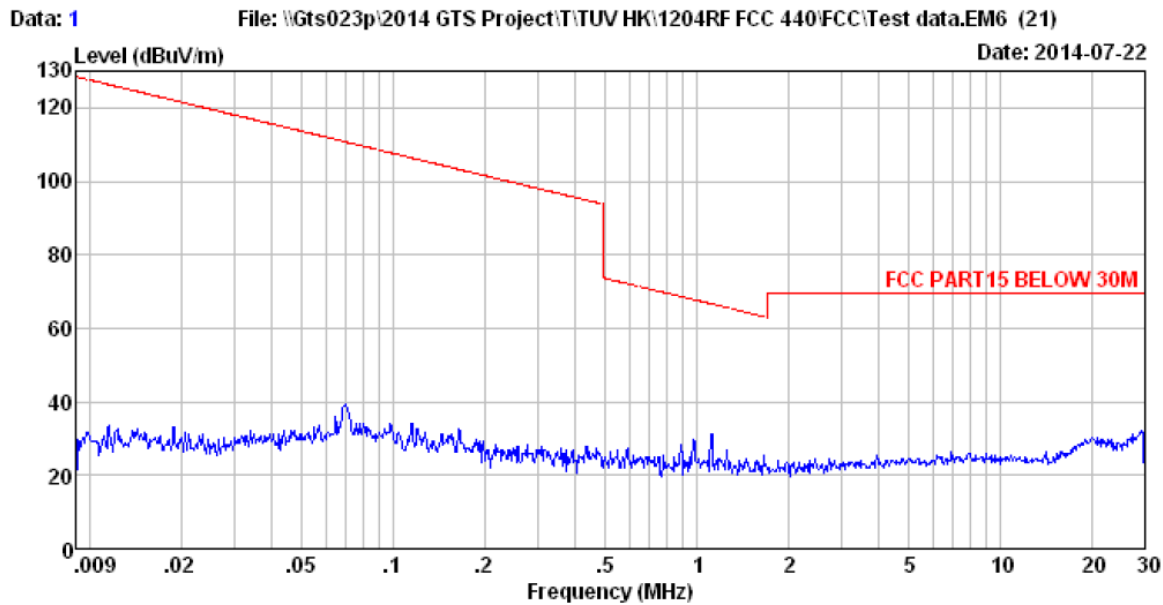
Center 2.471 GHz 1 MHz/ Span 10 MHz

Date: 12.AUG.2014 17:06:52

Radiated Emission

Tx frequency: 2410MHz

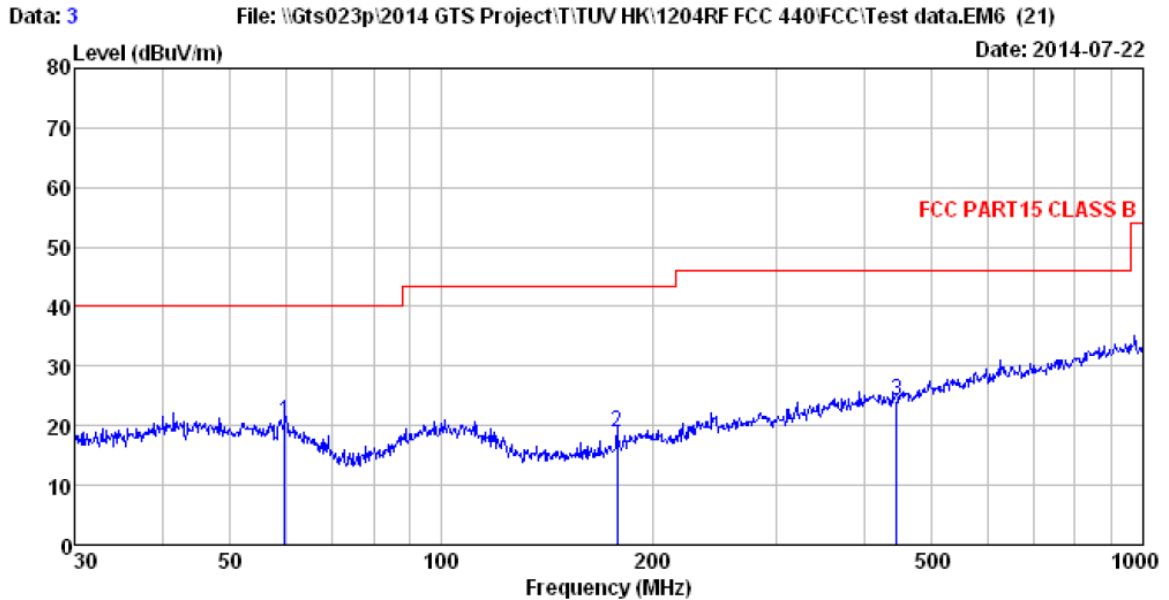
9k – 30MHz



Site : 3m chamber
Condition : FCC PART15 BELOW 30M 3m LOOP ANTENNA
EUT : 2.4GHz controller
Model No. : 900028
Sample No. : A000083754-001
TUV Order No: 144022434
Test Mode : TX on
: 低

Tx frequency: 2410MHz

30MHz – 1000MHz (Horizontal)

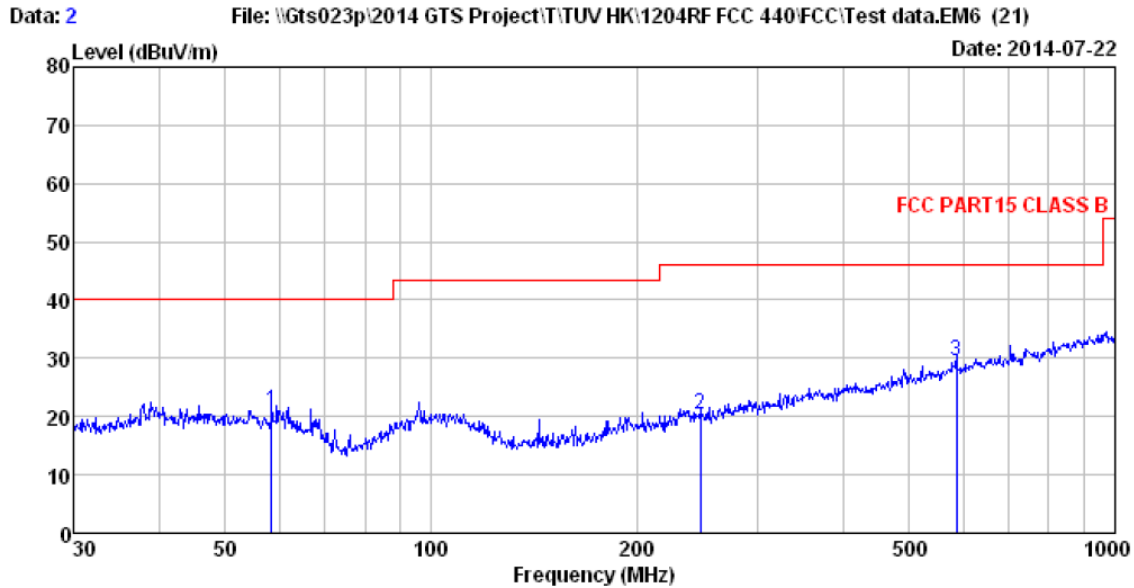


Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163-2013M HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	Read	Antenna	Cable	Preamp	Level	Limit	Over	
-----	Freq	Level	Factor	Loss	Factor	Line	Limit	Remark
-----	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	59.859	37.01	14.71	0.86	31.94	20.64	40.00	-19.36 QP
2	178.133	37.60	11.55	1.73	32.08	18.80	43.50	-24.70 QP
3	444.851	35.44	17.57	3.07	31.74	24.34	46.00	-21.66 QP

Tx frequency: 2410MHz

30MHz – 1000MHz (Vertical)



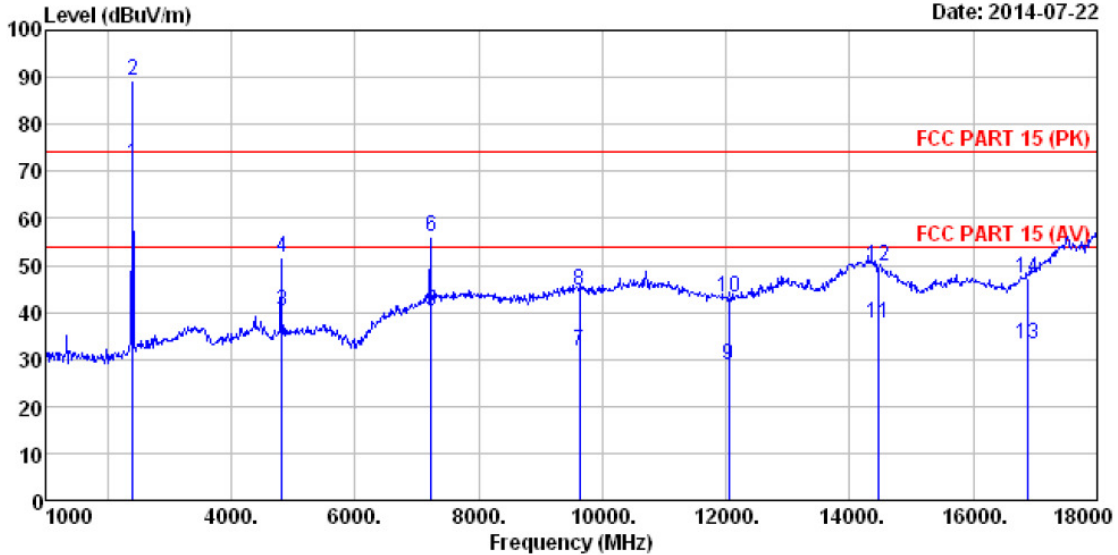
Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163-2013M VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	58.407	37.21	14.80	0.85	31.94	20.92	40.00 -19.08 QP
2	247.682	36.25	14.07	2.11	32.16	20.27	46.00 -25.73 QP
3	586.844	36.79	20.24	3.67	31.11	29.59	46.00 -16.41 QP

Tx frequency: 2410MHz

1GHz – 18GHz (Horizontal)

Data: 4 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22



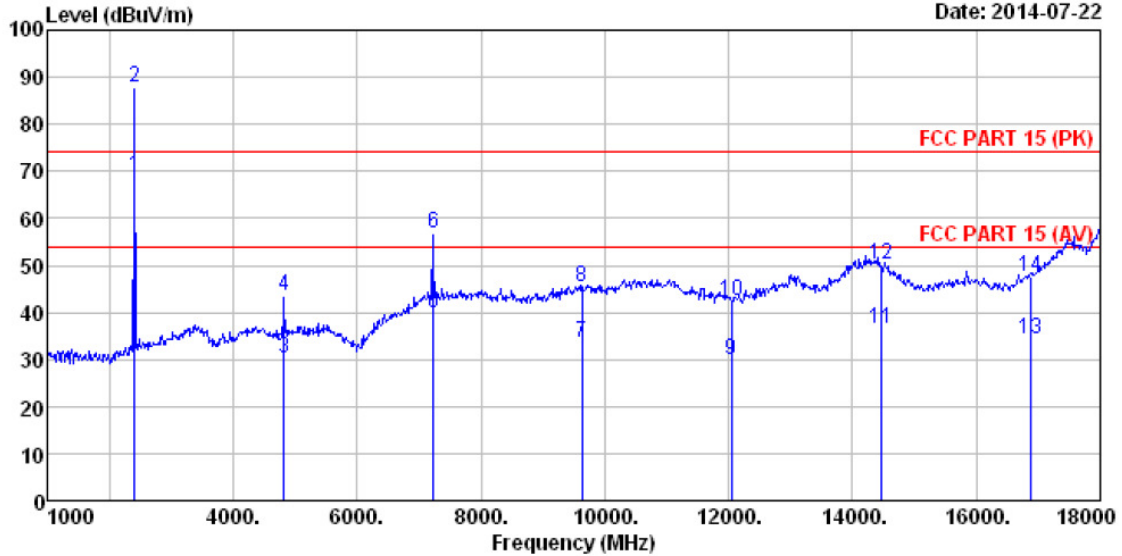
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	2409.830	72.72	27.34	5.40	33.99	71.47	54.00	17.47	Average
2 *	2409.830	90.65	27.34	5.40	33.99	89.40	74.00	15.40	Peak
3	4819.500	31.82	31.77	8.61	32.10	40.10	54.00	-13.90	Average
4	4819.500	43.43	31.77	8.61	32.10	51.71	74.00	-22.29	Peak
5	7229.600	22.45	38.08	11.66	31.99	40.20	54.00	-13.80	Average
6	7229.600	38.47	38.08	11.66	31.99	56.22	74.00	-17.78	Peak
7	9640.000	11.87	37.46	14.16	31.58	31.91	54.00	-22.09	Average
8	9640.000	24.76	37.46	14.16	31.58	44.80	74.00	-29.20	Peak
9	12050.000	10.32	38.84	15.05	35.57	28.64	54.00	-25.36	Average
10	12050.000	24.96	38.84	15.05	35.57	43.28	74.00	-30.72	Peak
11	14460.000	11.97	42.07	17.17	33.56	37.65	54.00	-16.35	Average
12	14460.000	24.31	42.07	17.17	33.56	49.99	74.00	-24.01	Peak
13	16870.000	9.69	38.26	18.88	33.50	33.33	54.00	-20.67	Average
14	16870.000	23.55	38.26	18.88	33.50	47.19	74.00	-26.81	Peak

Tx frequency: 2410MHz

1GHz – 18GHz (Vertical)

Data: 5 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22

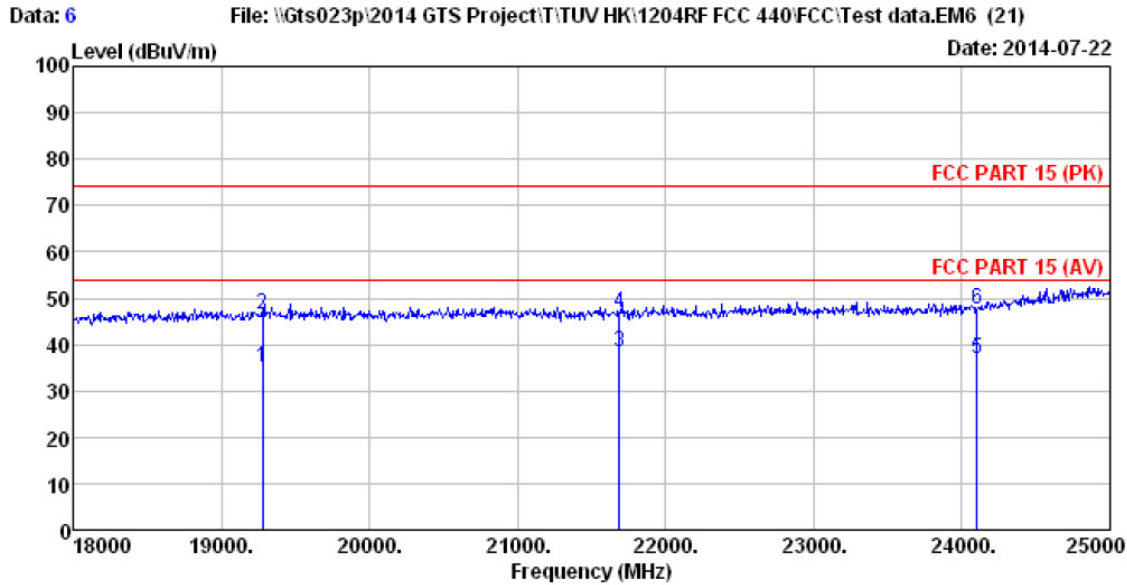


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	ReadAntenna	Cable Preamp	Limit	Over	
Freq	Level Factor	Loss Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	
1 * 2409.830	70.30	27.34	5.40	33.99	69.05 54.00 15.05 Average
2 * 2409.830	88.91	27.34	5.40	33.99	87.66 74.00 13.66 Peak
3 4819.500	21.82	31.77	8.61	32.10	30.10 54.00 -23.90 Average
4 4819.500	35.29	31.77	8.61	32.10	43.57 74.00 -30.43 Peak
5 7229.600	22.26	38.08	11.66	31.99	40.01 54.00 -13.99 Average
6 7229.600	39.06	38.08	11.66	31.99	56.81 74.00 -17.19 Peak
7 9640.000	13.38	37.46	14.16	31.58	33.42 54.00 -20.58 Average
8 9640.000	25.40	37.46	14.16	31.58	45.44 74.00 -28.56 Peak
9 12050.000	11.42	38.84	15.05	35.57	29.74 54.00 -24.26 Average
10 12050.000	24.15	38.84	15.05	35.57	42.47 74.00 -31.53 Peak
11 14460.000	10.87	42.07	17.17	33.56	36.35 54.00 -17.65 Average
12 14460.000	24.51	42.07	17.17	33.56	50.19 74.00 -23.81 Peak
13 16870.000	10.75	38.26	18.88	33.50	34.39 54.00 -19.61 Average
14 16870.000	23.99	38.26	18.88	33.50	47.63 74.00 -26.37 Peak

Tx frequency: 2410MHz

18GHz – 25GHz (Horizontal)



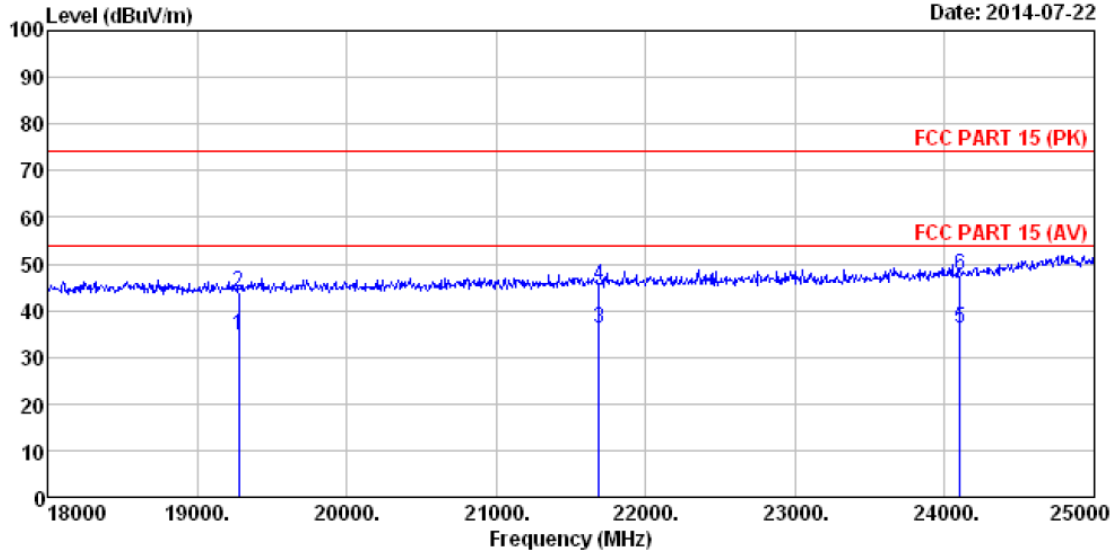
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m 18G-25G-H HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	Freq	ReadLevel	Antenna	Cable	Preamp	Limit	Over	
	MHz	dBuV	dB/m	Loss	Factor	Level	Line	Limit
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	19280.000	-7.17	50.72	18.77	27.17	35.15	54.00	-18.85 Average
2	19280.000	4.07	50.72	18.77	27.17	46.39	74.00	-27.61 Peak
3	21690.000	-4.29	50.74	19.19	27.42	38.22	54.00	-15.78 Average
4	21690.000	4.26	50.74	19.19	27.42	46.77	74.00	-27.23 Peak
5	24100.000	-6.33	50.52	20.31	27.68	36.82	54.00	-17.18 Average
6	24100.000	4.47	50.52	20.31	27.68	47.62	74.00	-26.38 Peak

Tx frequency: 2410MHz

18GHz – 25GHz (Vertical)

Data: 7 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22



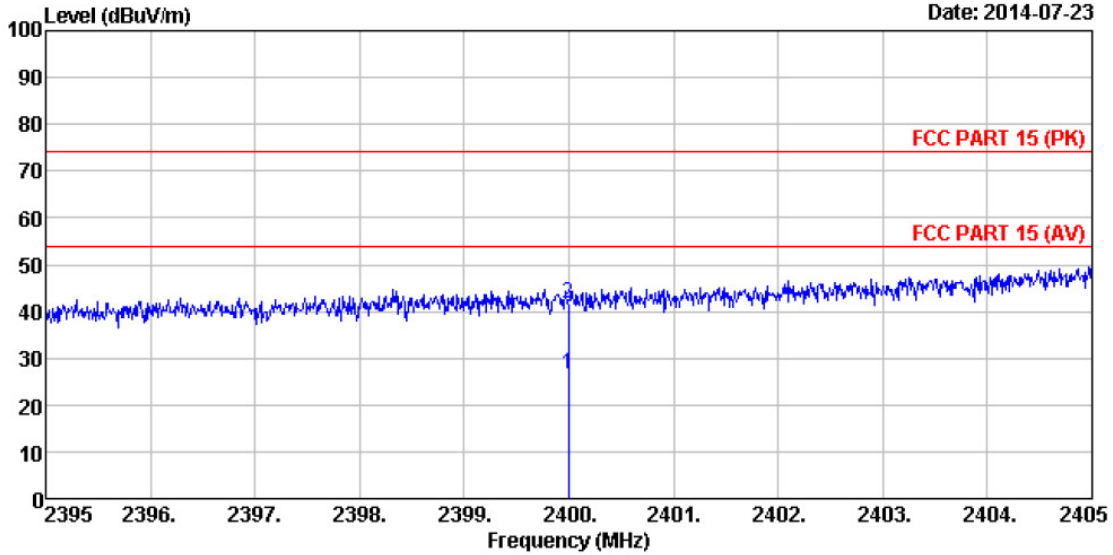
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m 18G-25G-V VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Limit Level	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	19280.000	-7.08	50.32	18.77	27.17	34.84	54.00	-19.16 Average
2	19280.000	1.96	50.32	18.77	27.17	43.88	74.00	-30.12 Peak
3	21690.000	-6.64	51.12	19.19	27.42	36.25	54.00	-17.75 Average
4	21690.000	2.64	51.12	19.19	27.42	45.53	74.00	-28.47 Peak
5	24100.000	-8.18	51.60	20.31	27.68	36.05	54.00	-17.95 Average
6	24100.000	3.28	51.60	20.31	27.68	47.51	74.00	-26.49 Peak

Tx frequency: 2410MHz

Bandedge at 2400MHz (Horizontal)

Data: 22 File: E:\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (23) Date: 2014-07-23

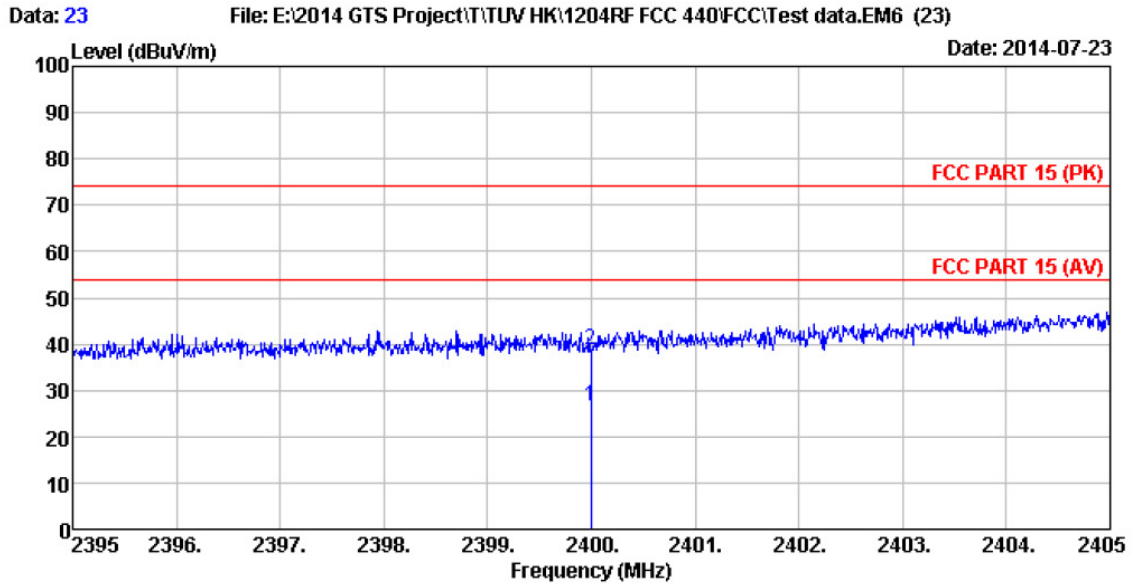


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	ReadAntenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2400.000	27.87	27.29	5.39	34.01	26.54	54.00 -27.46 Average
2	2400.000	43.15	27.29	5.39	34.01	41.82	74.00 -32.18 Peak

Tx frequency: 2410MHz

Bandedge at 2400MHz (Vertical)

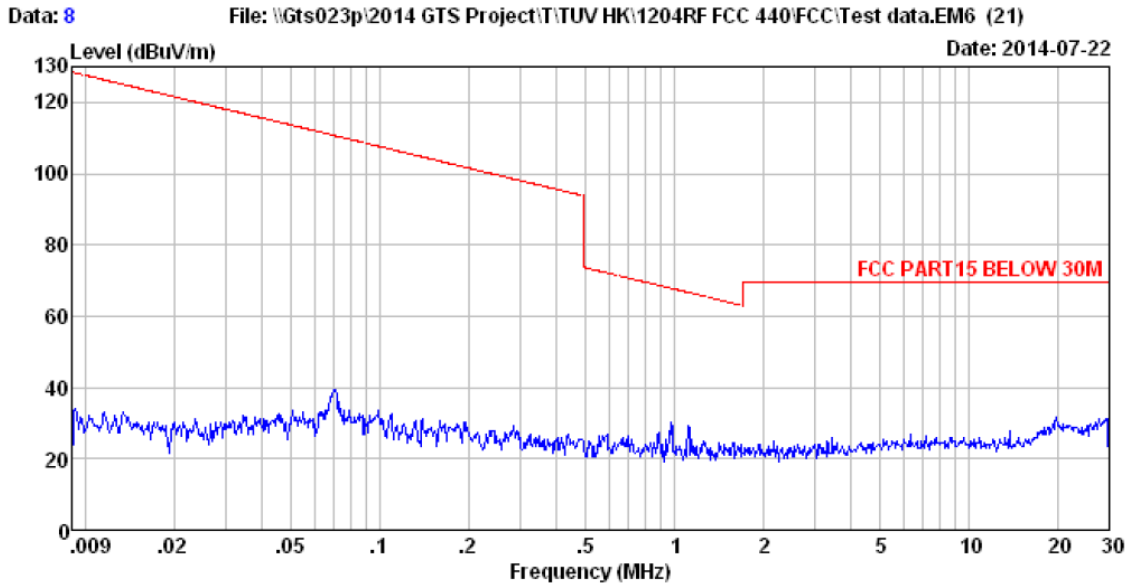


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 低

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2400.000	27.73	27.29	5.39	34.01	26.40	54.00	-27.60 Average
2	2400.000	39.94	27.29	5.39	34.01	38.61	74.00	-35.39 Peak

Tx frequency: 2450MHz

9k – 30MHz

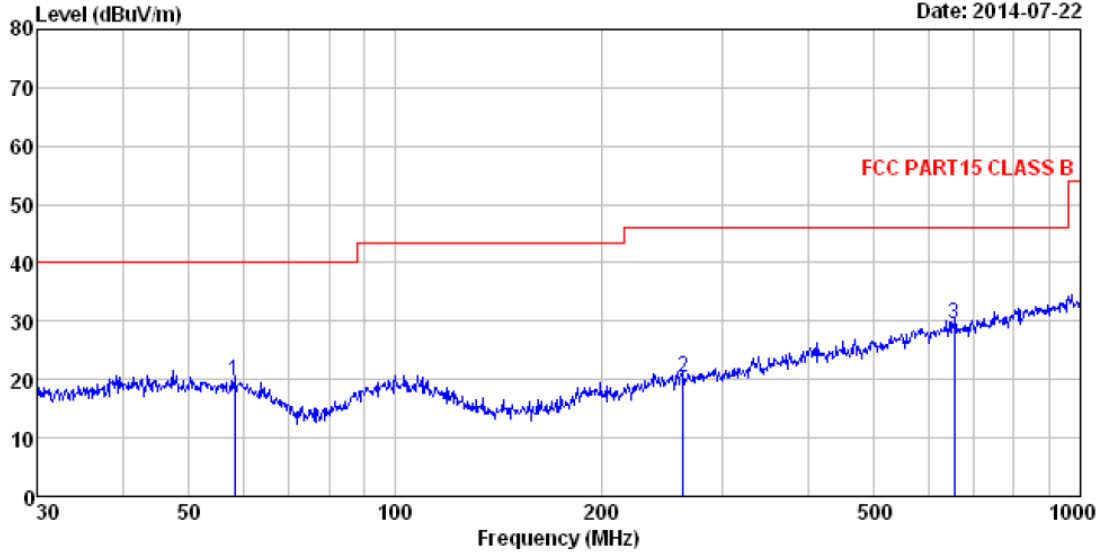


Site : 3m chamber
 Condition : FCC PART15 BELOW 30M 3m LOOP ANTENNA
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 中

Tx frequency: 2450MHz

30MHz – 1000MHz (Horizontal)

Data: 9 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22

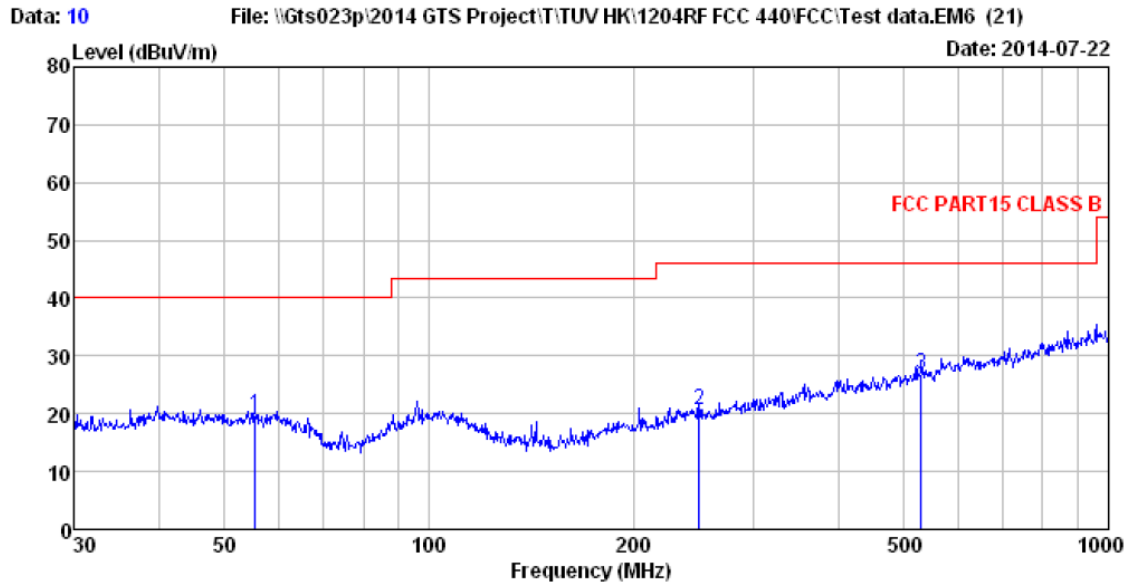


Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163-2013M HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 中

	ReadAntenna	Cable Preamp	Limit	Over					
Freq	Level	Factor	Loss	Factor	Level				
MHz	dBuV	dB/m	dB	dB	dBuV/m				
1	58.203	36.04	14.80	0.84	31.94	19.74	40.00	-20.26	QP
2	262.896	36.24	14.17	2.19	32.17	20.43	46.00	-25.57	QP
3	654.232	36.02	20.65	3.93	31.12	29.48	46.00	-16.52	QP

Tx frequency: 2450MHz

30MHz – 1000MHz (Vertical)



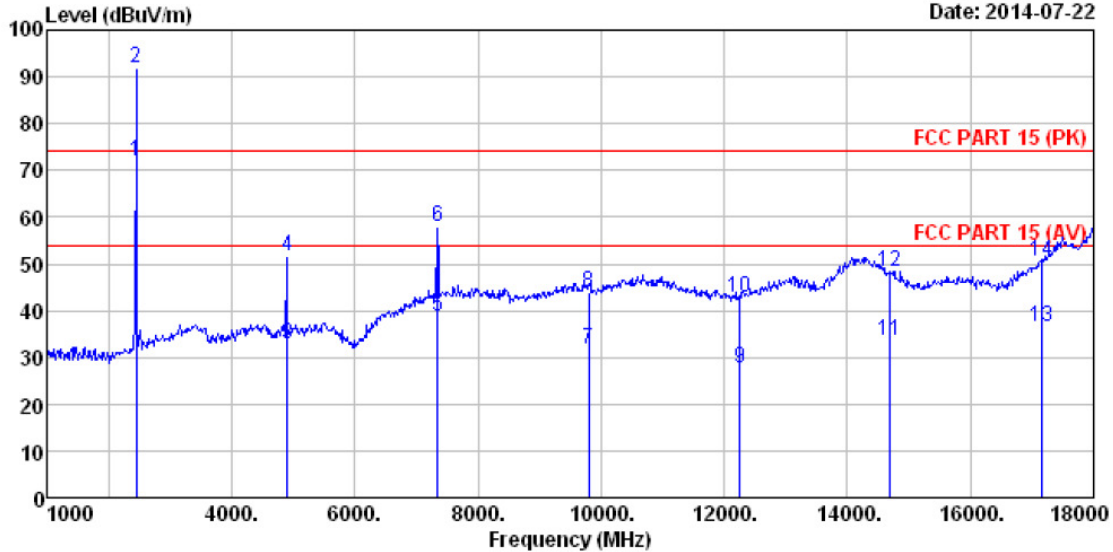
Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m WULB9163-2013M VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 中

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	55.415	35.94	14.98	0.82	31.95	19.79	40.00	-20.21 QP
2	249.425	36.71	14.07	2.12	32.16	20.74	46.00	-25.26 QP
3	530.101	35.60	19.20	3.44	31.40	26.84	46.00	-19.16 QP

Tx frequency: 2450MHz

1GHz – 18GHz (Horizontal)

Data: 12 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22



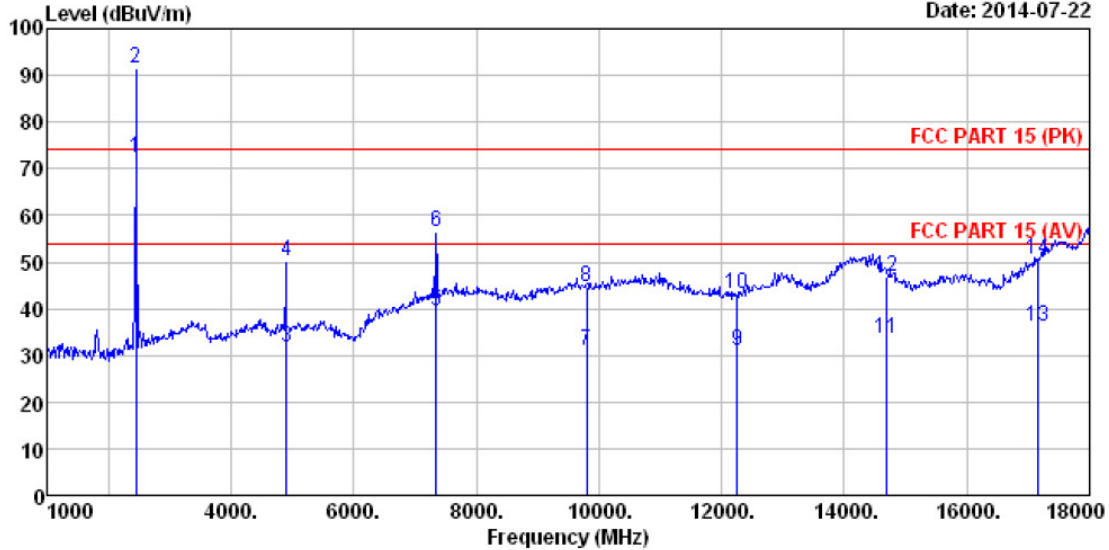
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 中

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	2450.010	73.16	27.44	5.44	33.96	72.08	54.00	18.08 Average
2 *	2450.010	92.95	27.44	5.44	33.96	91.87	74.00	17.87 Peak
3	4900.100	24.41	31.74	8.68	32.13	32.70	54.00	-21.30 Average
4	4900.100	43.40	31.74	8.68	32.13	51.69	74.00	-22.31 Peak
5	7350.320	20.75	38.19	11.74	31.86	38.82	54.00	-15.18 Average
6	7350.320	39.68	38.19	11.74	31.86	57.75	74.00	-16.25 Peak
7	9800.000	11.98	37.29	14.29	31.68	31.88	54.00	-22.12 Average
8	9800.000	24.16	37.29	14.29	31.68	44.06	74.00	-29.94 Peak
9	12250.000	9.06	39.01	15.18	35.56	27.69	54.00	-26.31 Average
10	12250.000	24.18	39.01	15.18	35.56	42.81	74.00	-31.19 Peak
11	14700.000	9.97	41.00	17.30	34.62	33.65	54.00	-20.35 Average
12	14700.000	24.71	41.00	17.30	34.62	48.39	74.00	-25.61 Peak
13	17150.000	10.17	40.84	18.99	33.59	36.41	54.00	-17.59 Average
14	17150.000	24.19	40.84	18.99	33.59	50.43	74.00	-23.57 Peak

Tx frequency: 2450MHz

1GHz – 18GHz (Vertical)

Data: 11 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22

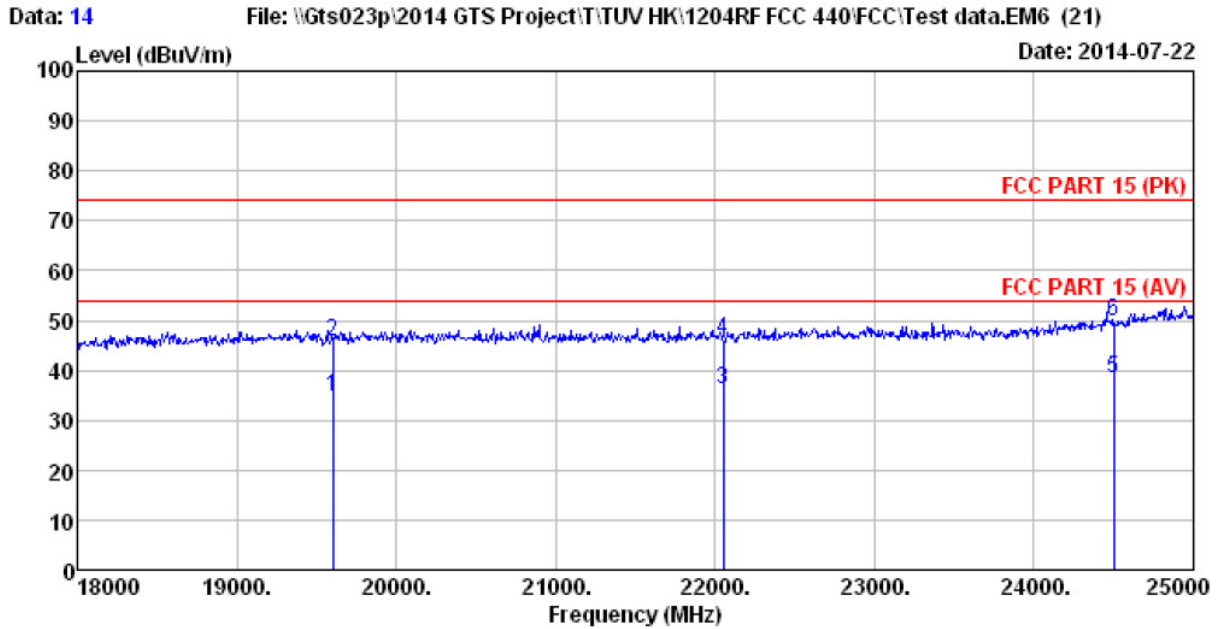


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : IX on
 : 中

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 * 2450.010	73.51	27.44	5.44	33.96	72.43	54.00	18.43	Average
2 * 2450.010	92.60	27.44	5.44	33.96	91.52	74.00	17.52	Peak
3 4900.100	23.37	31.74	8.68	32.13	31.66	54.00	-22.34	Average
4 4900.100	41.87	31.74	8.68	32.13	50.16	74.00	-23.84	Peak
5 7350.320	21.36	38.19	11.74	31.86	39.43	54.00	-14.57	Average
6 7350.320	38.51	38.19	11.74	31.86	56.58	74.00	-17.42	Peak
7 9800.000	11.21	37.29	14.29	31.68	31.11	54.00	-22.89	Average
8 9800.000	24.85	37.29	14.29	31.68	44.75	74.00	-29.25	Peak
9 12250.000	12.22	39.01	15.18	35.56	30.85	54.00	-23.15	Average
10 12250.000	24.65	39.01	15.18	35.56	43.28	74.00	-30.72	Peak
11 14700.000	9.80	41.00	17.30	34.62	33.48	54.00	-20.52	Average
12 14700.000	23.28	41.00	17.30	34.62	46.96	74.00	-27.04	Peak
13 17150.000	9.76	40.84	18.99	33.59	36.00	54.00	-18.00	Average
14 17150.000	24.49	40.84	18.99	33.59	50.73	74.00	-23.27	Peak

Tx frequency: 2450MHz

18GHz – 25GHz (Horizontal)

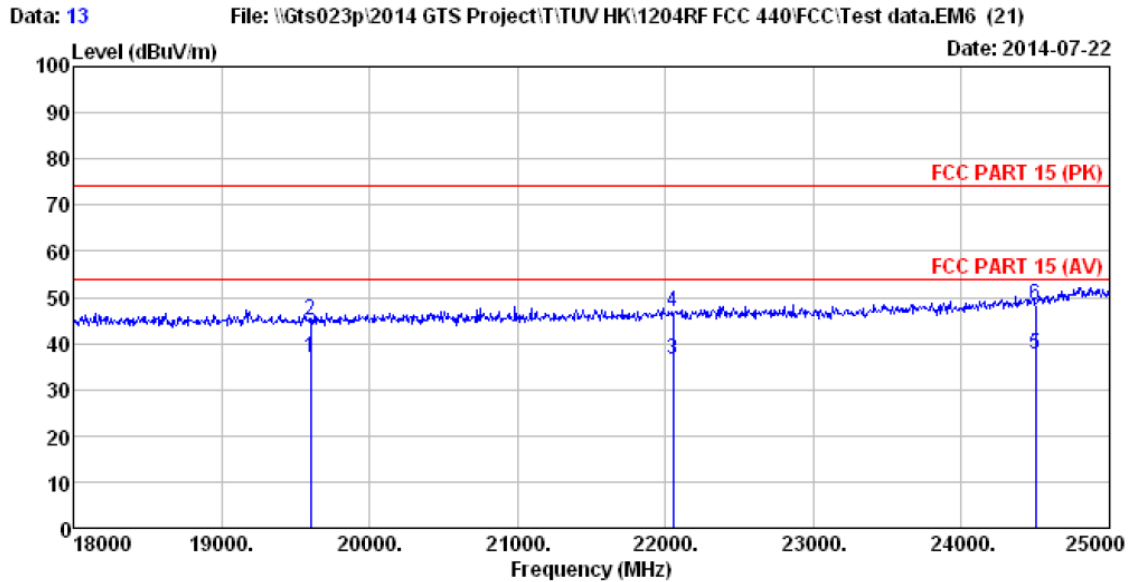


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m 18G-25G-H HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 中

	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	19600.000	-7.78	50.78	18.87	27.21	34.66	54.00	-19.34 Average
2	19600.000	3.48	50.78	18.87	27.21	45.92	74.00	-28.08 Peak
3	22050.000	-6.50	50.69	19.27	27.45	36.01	54.00	-17.99 Average
4	22050.000	3.59	50.69	19.27	27.45	46.10	74.00	-27.90 Peak
5	24500.000	-6.01	51.04	21.02	27.77	38.28	54.00	-15.72 Average
6	24500.000	5.44	51.04	21.02	27.77	49.73	74.00	-24.27 Peak

Tx frequency: 2450MHz

18GHz – 25GHz (Vertical)



```

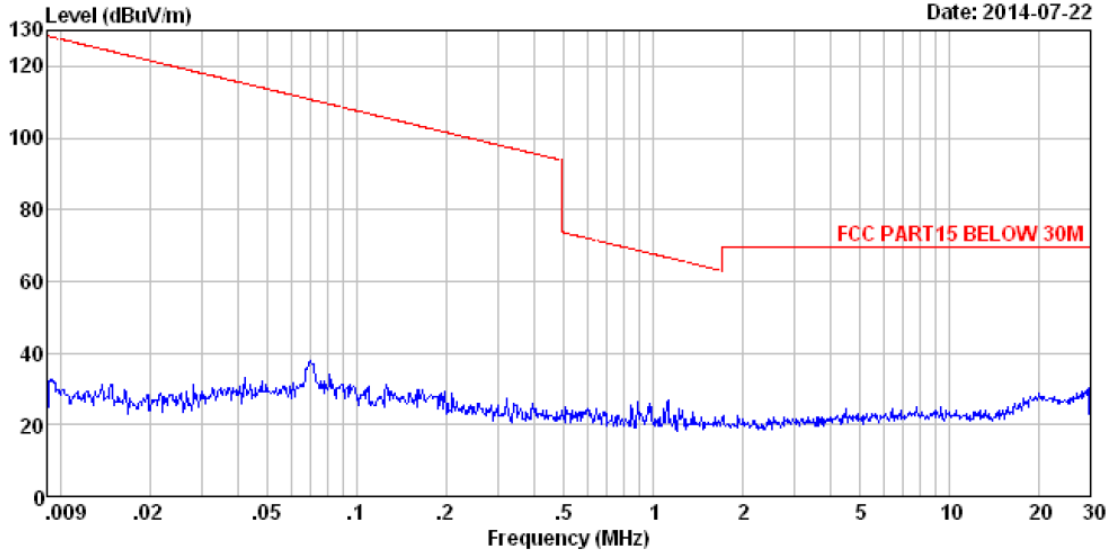
Site       : 3m chamber
Condition  : FCC PART 15 (PK) 3m 18G-25G-V VERTICAL
EUT       : 2.4GHz controller
Model No.  : 900028
Sample No. : A000083754-001
TUV Order No: 144022434
Test Mode  : TX on
            : 中
    
```

	Read	Antenna	Cable	Preamp	Level	Limit	Over	
Freq	Level	Factor	Loss	Factor	Line	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	19600.000	-5.32	50.42	18.87	27.21	36.76	54.00	-17.24 Average
2	19600.000	2.89	50.42	18.87	27.21	44.97	74.00	-29.03 Peak
3	22050.000	-6.44	51.24	19.27	27.45	36.62	54.00	-17.38 Average
4	22050.000	3.89	51.24	19.27	27.45	46.95	74.00	-27.05 Peak
5	24500.000	-7.61	51.83	21.02	27.77	37.47	54.00	-16.53 Average
6	24500.000	3.32	51.83	21.02	27.77	48.40	74.00	-25.60 Peak

Tx frequency: 2471MHz

9k – 30MHz

Data: 15 File: \\Gts023p\2014 GTS Project\T\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22

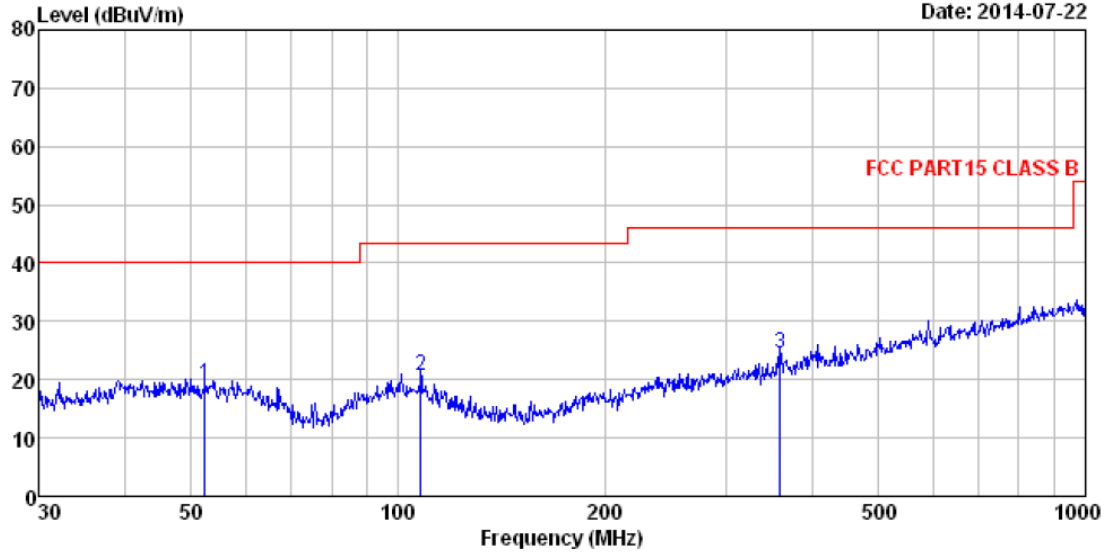


Site : 3m chamber
Condition : FCC PART15 BELOW 30M 3m LOOP ANTENNA
EUT : 2.4GHz controller
Model No. : 900028
Sample No. : A000083754-001
TUV Order No: 144022434
Test Mode : TX on
: 高

Tx frequency: 2471MHz

30MHz – 1000MHz (Horizontal)

Data: 17 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22



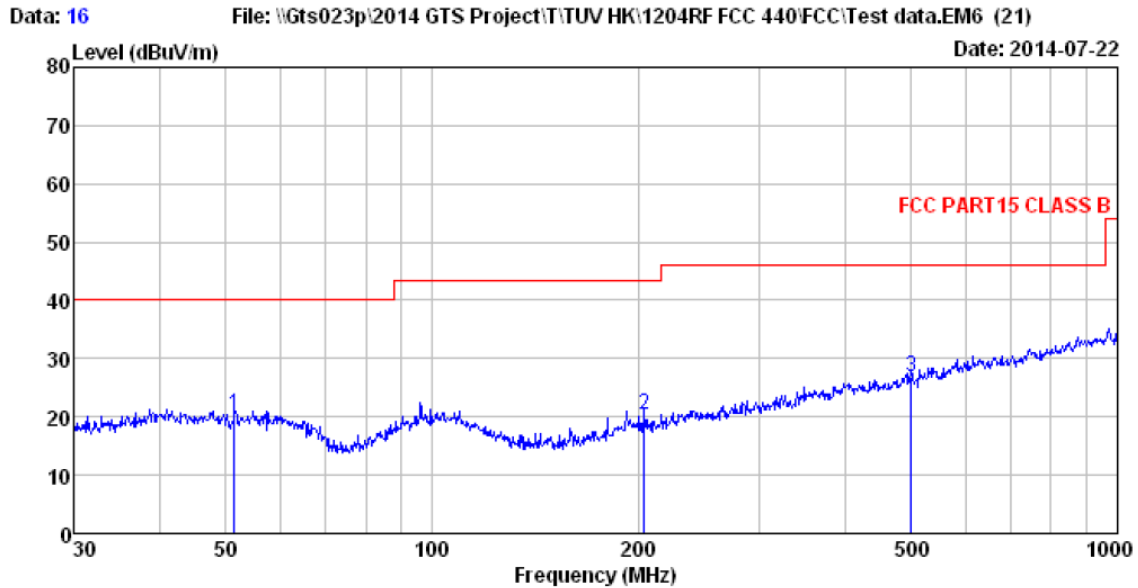
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Site       : 3m chamber
Condition  : FCC PART15 CLASS B 3m VULB9163-2013M HORIZONTAL
EUT       : 2.4GHz controller
Model No.  : 900028
Sample No. : A000083754-001
TUV Order No: 144022434
Test Mode  : TX on
            : 高
    
```

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	52.391	35.18	15.14	0.79	31.95	19.16	40.00	-20.84	QP
2	107.888	36.72	14.44	1.26	31.80	20.62	43.50	-22.88	QP
3	359.186	37.40	16.40	2.67	32.00	24.47	46.00	-21.53	QP

Tx frequency: 2471MHz

30MHz – 1000MHz (Vertical)



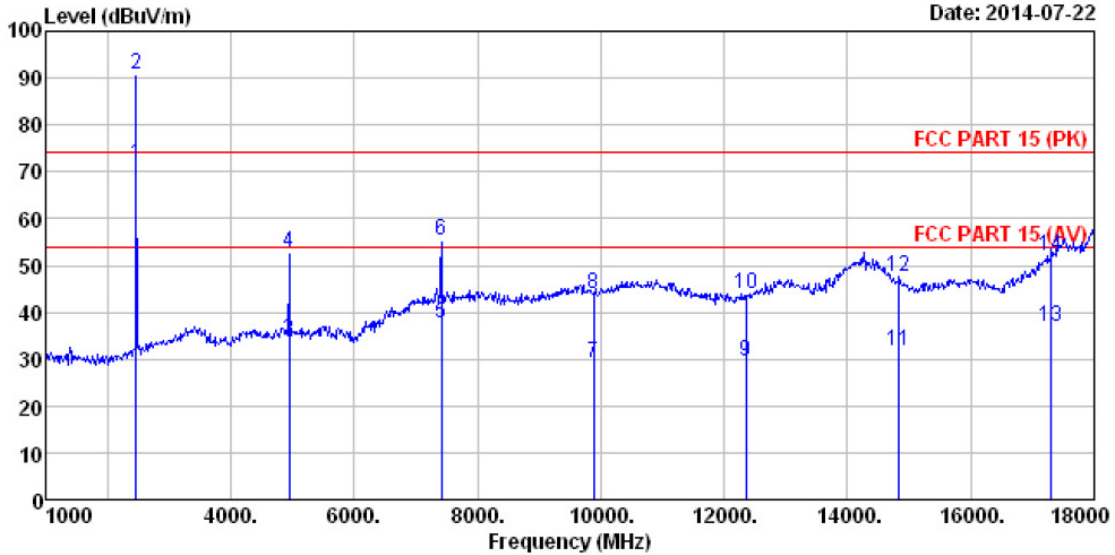
Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163-2013M VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

	ReadAntenna	Cable Preamp	Limit	Over					
Freq	Level	Factor	Loss	Factor	Level				
MHz	dBuV	dB/m	dB	dB	dBuV/m				
1	51.481	36.27	15.19	0.79	31.96	20.29	40.00	-19.71	QP
2	204.238	37.81	12.70	1.86	32.14	20.23	43.50	-23.27	QP
3	499.425	36.43	18.58	3.30	31.56	26.75	46.00	-19.25	QP

Tx frequency: 2471MHz

1GHz – 18GHz (Horizontal)

Data: 18 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22

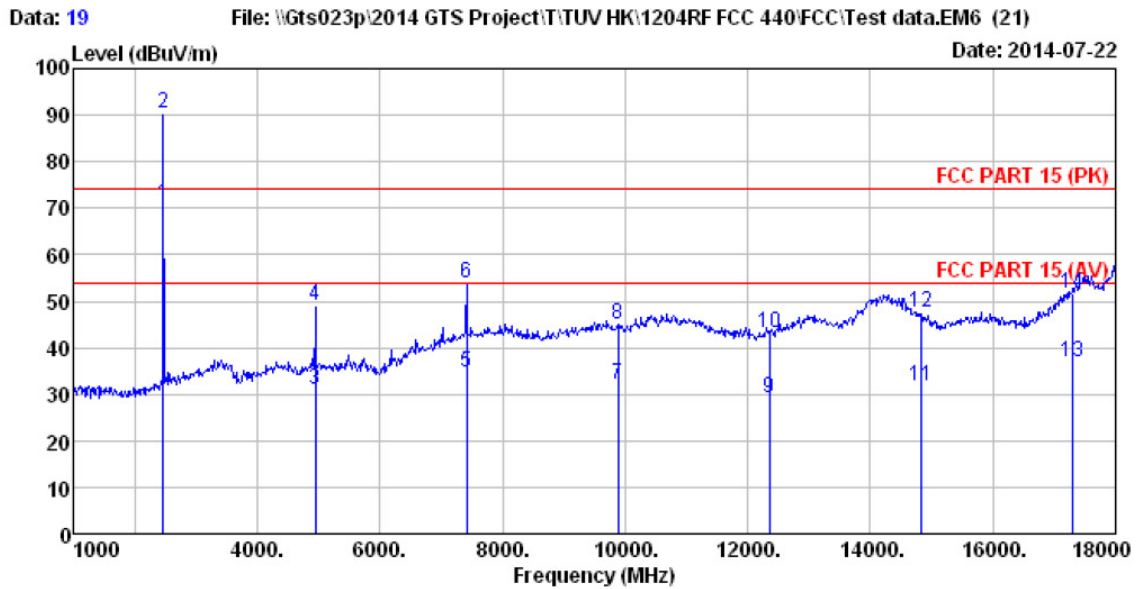


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Limit Level	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 *	2470.800	72.64	27.55	5.46	33.92	71.73	54.00	17.73 Average
2 *	2470.800	91.54	27.55	5.46	33.92	90.63	74.00	16.63 Peak
3	4942.200	25.70	31.72	8.71	32.16	33.97	54.00	-20.03 Average
4	4942.200	44.38	31.72	8.71	32.16	52.65	74.00	-21.35 Peak
5	7412.800	19.51	38.23	11.77	31.81	37.70	54.00	-16.30 Average
6	7412.800	37.30	38.23	11.77	31.81	55.49	74.00	-18.51 Peak
7	9884.000	9.30	37.20	14.35	31.82	29.03	54.00	-24.97 Average
8	9884.000	24.19	37.20	14.35	31.82	43.92	74.00	-30.08 Peak
9	12355.000	10.46	39.09	15.25	35.37	29.43	54.00	-24.57 Average
10	12355.000	25.05	39.09	15.25	35.37	44.02	74.00	-29.98 Peak
11	14826.000	8.97	40.42	17.37	35.14	31.62	54.00	-22.38 Average
12	14826.000	24.81	40.42	17.37	35.14	47.46	74.00	-26.54 Peak
13	17297.000	8.95	43.18	18.98	34.24	36.87	54.00	-17.13 Average
14	17297.000	24.13	43.18	18.98	34.24	52.05	74.00	-21.95 Peak

Tx frequency: 2471MHz

1GHz – 18GHz (Vertical)



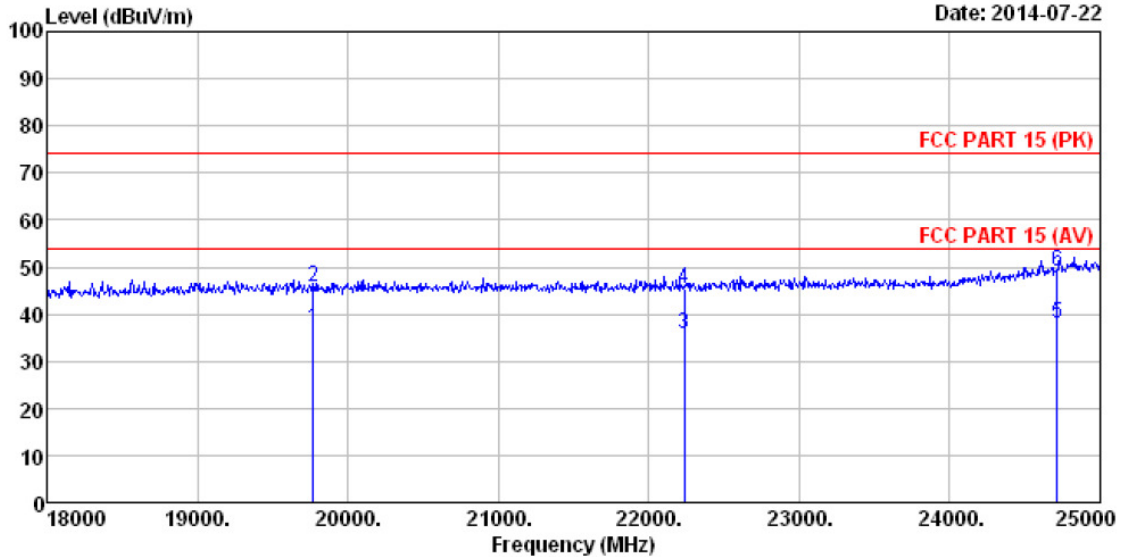
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 * 2470.800	71.65	27.55	5.46	33.92	70.74	54.00	16.74	Average
2 * 2470.800	91.17	27.55	5.46	33.92	90.26	74.00	16.26	Peak
3 4942.300	22.67	31.72	8.71	32.16	30.94	54.00	-23.06	Average
4 4942.300	40.74	31.72	8.71	32.16	49.01	74.00	-24.99	Peak
5 7412.800	16.41	38.23	11.77	31.81	34.60	54.00	-19.40	Average
6 7412.800	35.87	38.23	11.77	31.81	54.06	74.00	-19.94	Peak
7 9884.000	12.27	37.20	14.35	31.82	32.00	54.00	-22.00	Average
8 9884.000	25.25	37.20	14.35	31.82	44.98	74.00	-29.02	Peak
9 12355.000	10.19	39.09	15.25	35.37	29.16	54.00	-24.84	Average
10 12355.000	24.06	39.09	15.25	35.37	43.03	74.00	-30.97	Peak
11 14826.000	9.04	40.42	17.37	35.14	31.69	54.00	-22.31	Average
12 14826.000	24.92	40.42	17.37	35.14	47.57	74.00	-26.43	Peak
13 17297.000	8.97	43.18	18.98	34.24	36.89	54.00	-17.11	Average
14 17297.000	23.92	43.18	18.98	34.24	51.84	74.00	-22.16	Peak

Tx frequency: 2471MHz

18GHz – 25GHz (Horizontal)

Data: 20 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\FCC\Test data.EM6 (21) Date: 2014-07-22

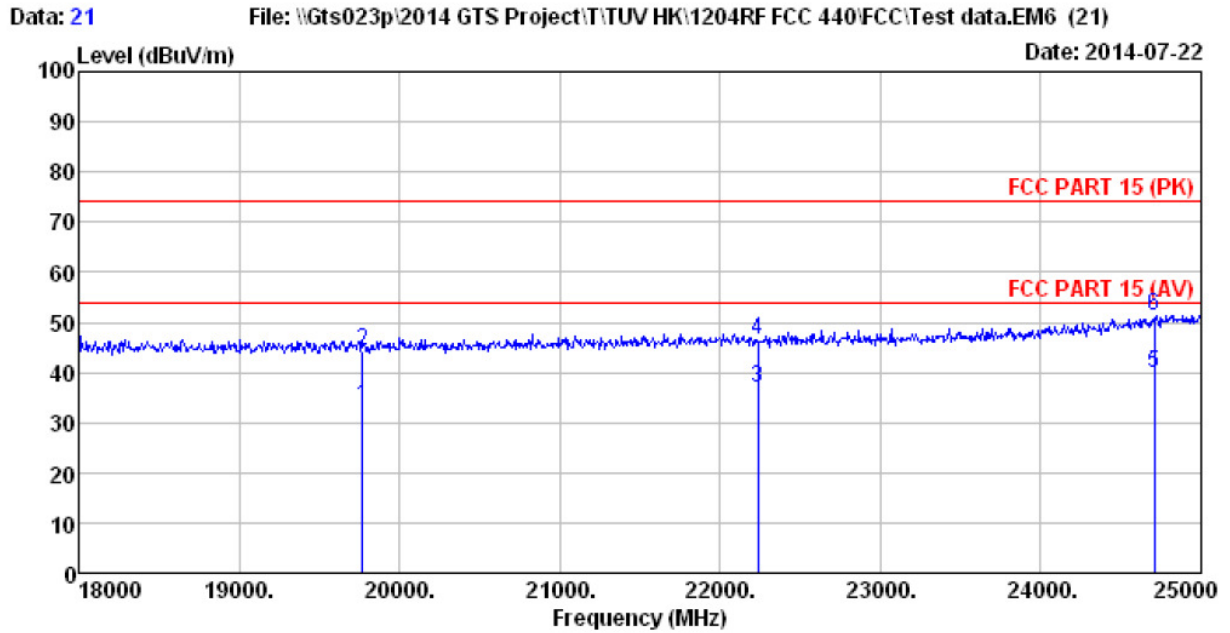


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m 18G-25G-H HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	19768.000	-5.68	50.81	18.92	27.22	36.83	54.00	-17.17 Average
2	19768.000	3.40	50.81	18.92	27.22	45.91	74.00	-28.09 Peak
3	22239.000	-6.88	50.74	19.32	27.46	35.72	54.00	-18.28 Average
4	22239.000	2.80	50.74	19.32	27.46	45.40	74.00	-28.60 Peak
5	24713.000	-6.77	51.31	21.38	27.81	38.11	54.00	-15.89 Average
6	24713.000	4.27	51.31	21.38	27.81	49.15	74.00	-24.85 Peak

Tx frequency: 2471MHz

18GHz – 25GHz (Vertical)

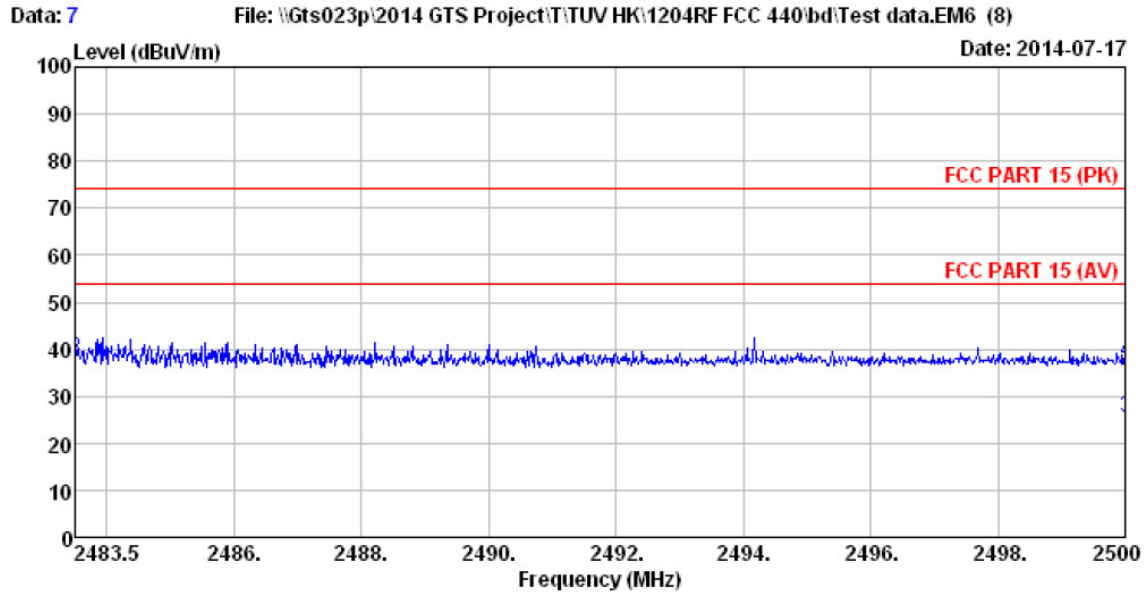


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m 18G-25G-V VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	19768.000	-8.89	50.47	18.92	27.22	33.28	54.00	-20.72	Average
2	19768.000	2.09	50.47	18.92	27.22	44.26	74.00	-29.74	Peak
3	22239.000	-6.06	51.24	19.32	27.46	37.04	54.00	-16.96	Average
4	22239.000	3.30	51.24	19.32	27.46	46.40	74.00	-27.60	Peak
5	24710.000	-5.63	51.94	21.37	27.81	39.87	54.00	-14.13	Average
6	24710.000	5.71	51.94	21.37	27.81	51.21	74.00	-22.79	Peak

Tx frequency: 2471MHz

Bandedge at 2483.5MHz (Horizontal)



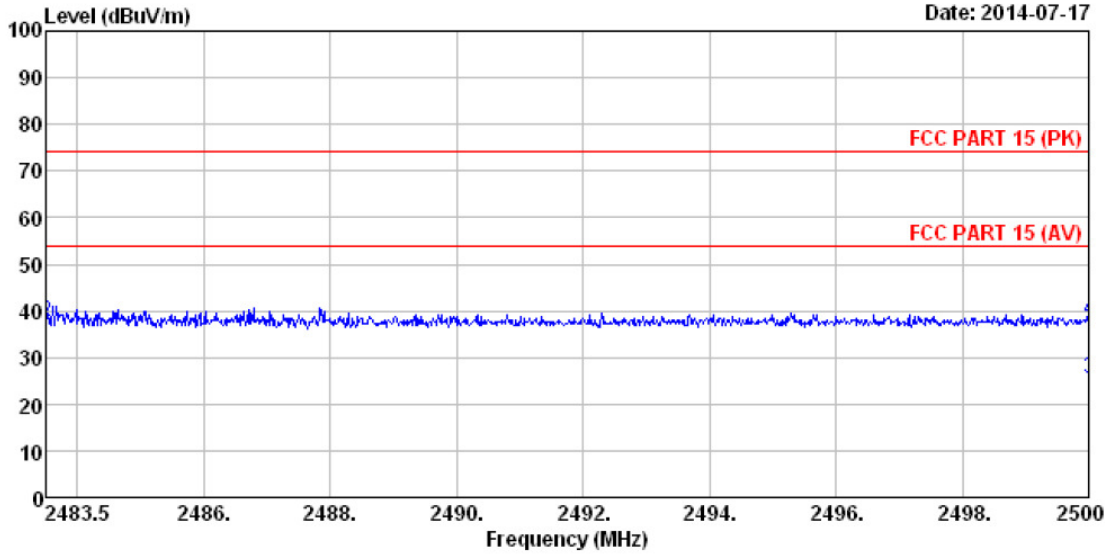
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL
 EUT : 2.4GHz controller
 Model No. : 900028(controller)
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	26.11	27.55	5.47	33.92	25.21	54.00	-28.79	Average
2	2483.500	38.92	27.55	5.47	33.92	38.02	74.00	-35.98	Peak
3	2500.000	26.27	27.60	5.49	33.90	25.46	54.00	-28.54	Average
4	2500.000	38.25	27.60	5.49	33.90	37.44	74.00	-36.56	Peak

Tx frequency: 2471MHz

Bandedge at 2483.5MHz (Vertical)

Data: 5 File: \\Gts023p\2014 GTS Project\TUV HK\1204RF FCC 440\bd\Test data.EM6 (8) Date: 2014-07-17



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL
 EUT : 2.4GHz controller
 Model No. : 900028(controller)
 Sample No. : A000083754-001
 TUV Order No: 144022434
 Test Mode : TX on
 : 高

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	26.85	27.55	5.47	33.92	25.95	54.00	-28.05	Average
2	2483.500	38.69	27.55	5.47	33.92	37.79	74.00	-36.21	Peak
3	2500.000	26.15	27.60	5.49	33.90	25.34	54.00	-28.66	Average
4	2500.000	38.76	27.60	5.49	33.90	37.95	74.00	-36.05	Peak