

## Appendix 1

## Test Results

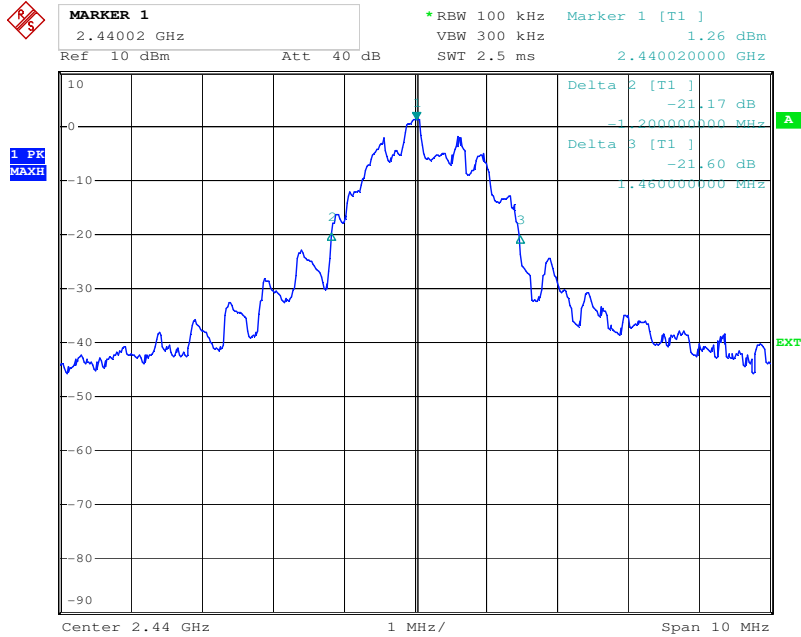
## 20dB Bandwidth

Tx frequency: 2405MHz



Date: 4.NOV.2014 17:13:12

Tx frequency: 2440MHz



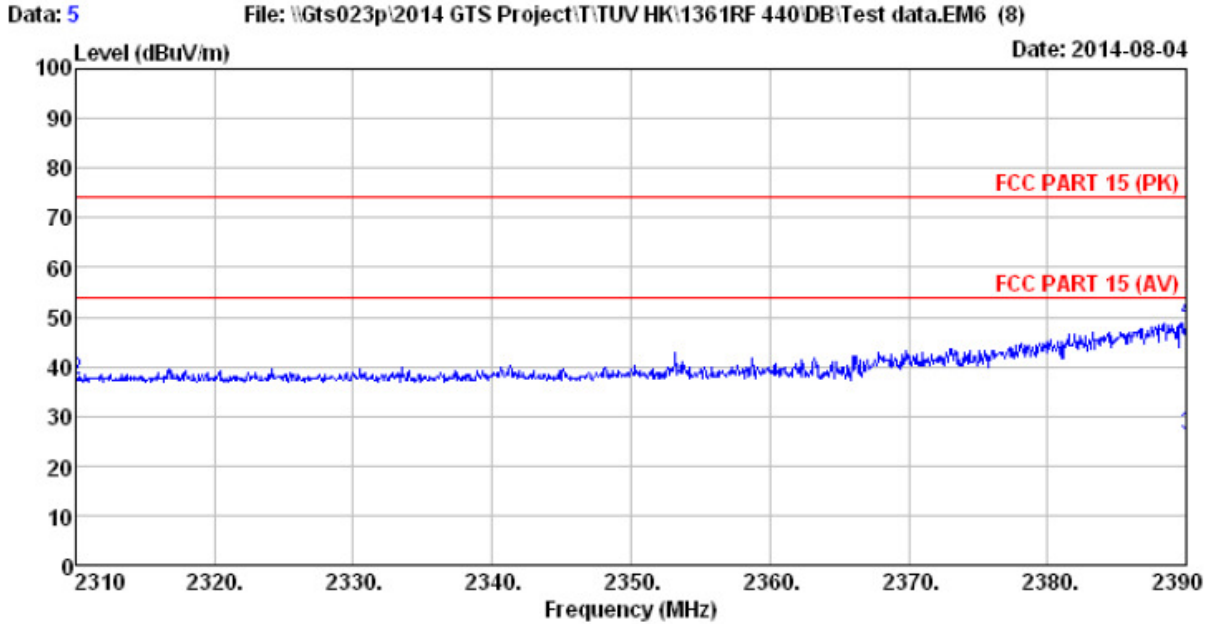
Date: 4.NOV.2014 17:22:56

Tx frequency: 2480MHz



Date: 4.NOV.2014 17:29:35

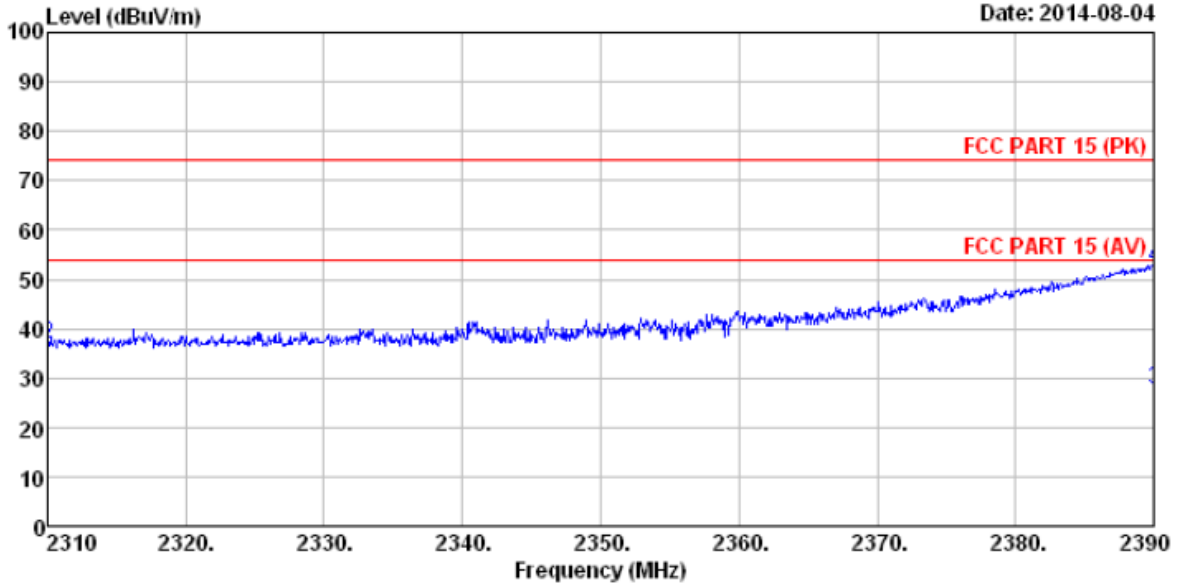
## Bandedge measurement (Radiated)



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL  
 EUT : RC helicopter TX +RX (2.4GHz)  
 Model No. : 900036  
 Sample No. : A000084497  
 TUV Order No: 144022649100  
 Test Mode : TX on  
 : 2405MHz

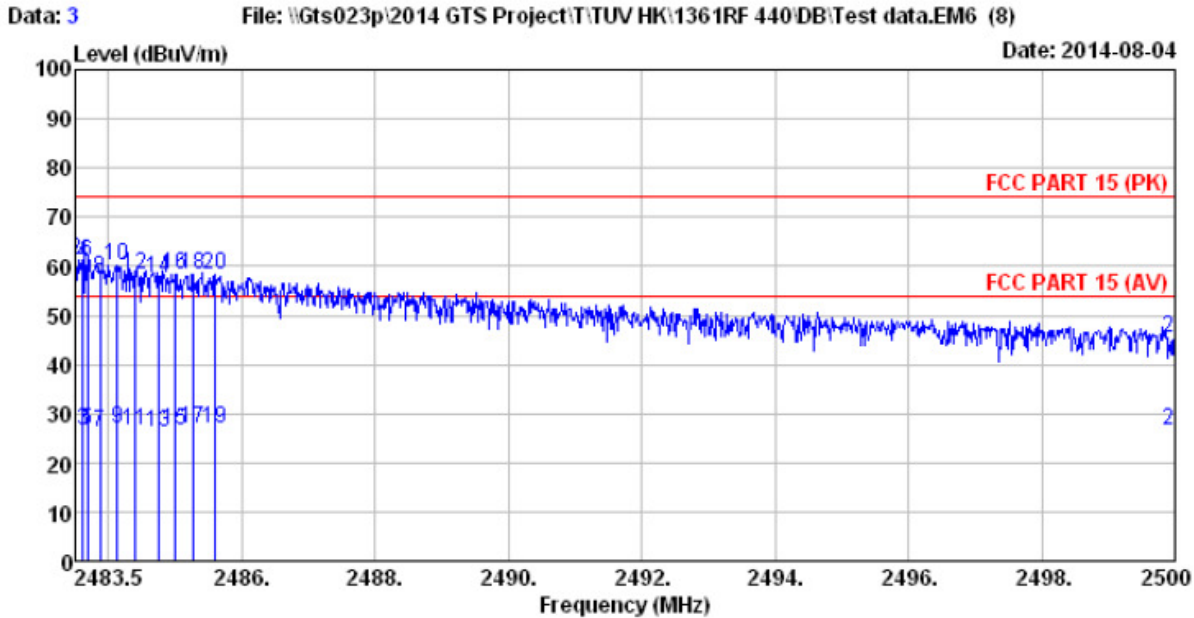
	Read	Antenna	Cable	Preamp	Limit	Over		
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2310.000	27.68	27.03	5.30	34.11	25.90	54.00	-28.10 Average
2	2310.000	38.96	27.03	5.30	34.11	37.18	74.00	-36.82 Peak
3	2390.000	27.59	27.29	5.38	34.01	26.25	54.00	-27.75 Average
4	2390.000	50.30	27.29	5.38	34.01	48.96	74.00	-25.04 Peak

Data: 7 File: \\Gts023p\2014 GTS Project\TUV HK\1361RF 440\DB\Test data.EM6 (8) Date: 2014-08-04



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL  
 EUT : RC helicopter TX +RX (2.4GHz)  
 Model No. : 900036  
 Sample No. : A000084497  
 TUV Order No: 144022649100  
 Test Mode : TX on  
 : 2405MHz

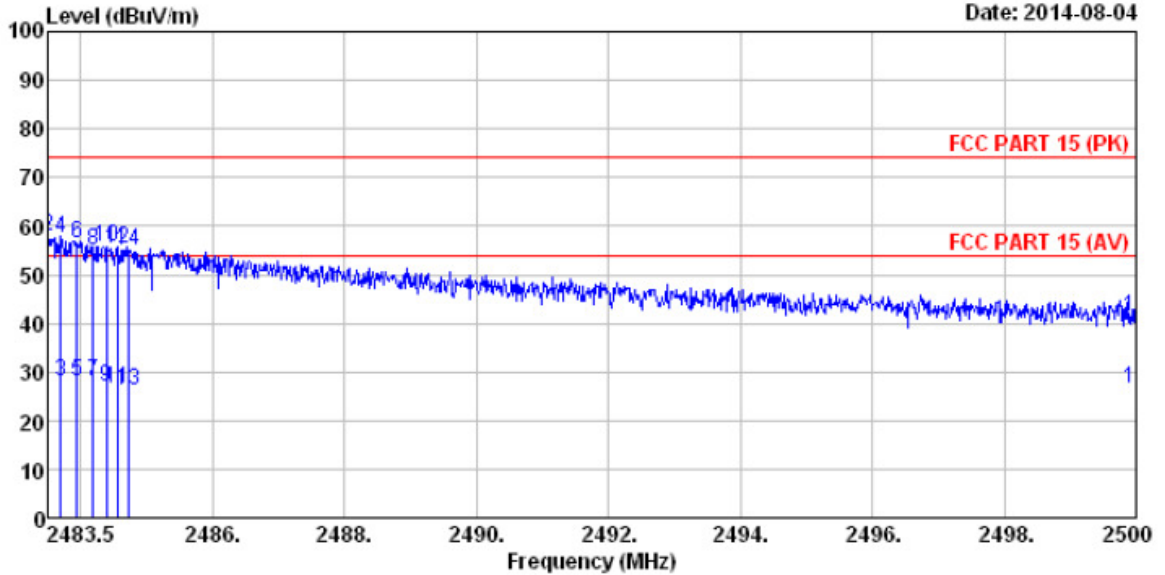
	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2310.000	27.79	27.03	5.30	34.11	26.01	54.00 -27.99 Average
2	2310.000	38.66	27.03	5.30	34.11	36.88	74.00 -37.12 Peak
3	2390.000	28.83	27.29	5.38	34.01	27.49	54.00 -26.51 Average
4	2390.000	53.58	27.29	5.38	34.01	52.24	74.00 -21.76 Peak



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 TUV Order No: 144022649100  
 Test Mode : TX on  
 : 2480MHz

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.500	28.23	27.55	5.47	33.92	27.33	54.00	-26.67 Average
2	2483.500	62.31	27.55	5.47	33.92	61.41	74.00	-12.59 Peak
3	2483.615	27.35	27.55	5.47	33.92	26.45	54.00	-27.55 Average
4	2483.615	61.40	27.55	5.47	33.92	60.50	74.00	-13.50 Peak
5	2483.681	27.36	27.55	5.47	33.92	26.46	54.00	-27.54 Average
6	2483.681	61.72	27.55	5.47	33.92	60.82	74.00	-13.18 Peak
7	2483.879	27.18	27.55	5.47	33.92	26.28	54.00	-27.72 Average
8	2483.879	58.43	27.55	5.47	33.92	57.53	74.00	-16.47 Peak
9	2484.127	27.81	27.55	5.47	33.92	26.91	54.00	-27.09 Average
10	2484.127	60.92	27.55	5.47	33.92	60.02	74.00	-13.98 Peak
11	2484.407	27.51	27.55	5.47	33.92	26.61	54.00	-27.39 Average
12	2484.407	59.07	27.55	5.47	33.92	58.17	74.00	-15.83 Peak
13	2484.754	27.08	27.55	5.47	33.92	26.18	54.00	-27.82 Average
14	2484.754	58.55	27.55	5.47	33.92	57.65	74.00	-16.35 Peak
15	2485.001	27.60	27.55	5.47	33.92	26.70	54.00	-27.30 Average
16	2485.001	59.24	27.55	5.47	33.92	58.34	74.00	-15.66 Peak
17	2485.282	27.97	27.55	5.47	33.92	27.07	54.00	-26.93 Average
18	2485.282	59.24	27.55	5.47	33.92	58.34	74.00	-15.66 Peak
19	2485.595	27.91	27.55	5.47	33.92	27.01	54.00	-26.99 Average
20	2485.595	59.09	27.55	5.47	33.92	58.19	74.00	-15.81 Peak
21	2500.000	27.25	27.60	5.49	33.90	26.44	54.00	-27.56 Average
22	2500.000	46.09	27.60	5.49	33.90	45.28	74.00	-28.72 Peak

Data: 1 File: \\Gts023p\2014 GTS Project\TUV HK\1361RF 440\DB\Test data.EM6 (8) Date: 2014-08-04

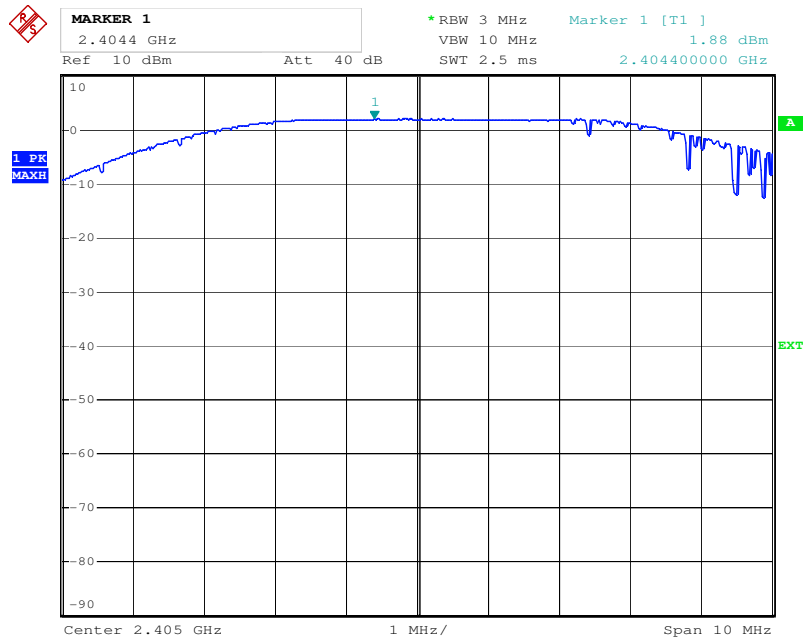


Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL  
 EUT : RC helicopter TX +RX (2.4GHz)  
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 Sample No. : A000084497  
 TUV Order No: 144022649100  
 Test Mode : TX on  
 : 2480MHz

	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	2483.500	28.41	27.55	5.47	33.92	27.51	54.00	-26.49 Average
2	2483.500	58.79	27.55	5.47	33.92	57.89	74.00	-16.11 Peak
3	2483.698	28.82	27.55	5.47	33.92	27.92	54.00	-26.08 Average
4	2483.698	58.30	27.55	5.47	33.92	57.40	74.00	-16.60 Peak
5	2483.946	28.96	27.55	5.47	33.92	28.06	54.00	-25.94 Average
6	2483.946	57.33	27.55	5.47	33.92	56.43	74.00	-17.57 Peak
7	2484.193	28.83	27.55	5.47	33.92	27.93	54.00	-26.07 Average
8	2484.193	56.02	27.55	5.47	33.92	55.12	74.00	-18.88 Peak
9	2484.391	27.91	27.55	5.47	33.92	27.01	54.00	-26.99 Average
10	2484.391	56.62	27.55	5.47	33.92	55.72	74.00	-18.28 Peak
11	2484.556	27.42	27.55	5.47	33.92	26.52	54.00	-27.48 Average
12	2484.556	56.10	27.55	5.47	33.92	55.20	74.00	-18.80 Peak
13	2484.738	27.00	27.55	5.47	33.92	26.10	54.00	-27.90 Average
14	2484.738	55.90	27.55	5.47	33.92	55.00	74.00	-19.00 Peak
15	2500.000	27.50	27.60	5.49	33.90	26.69	54.00	-27.31 Average
16	2500.000	42.03	27.60	5.49	33.90	41.22	74.00	-32.78 Peak

# Output power

2405MHz



Date: 4.NOV.2014 17:15:14

Cable loss + Attenuator = 1dB  
Hence output power at 2405MHz = 1.88dBm + 1dB = 2.88dBm