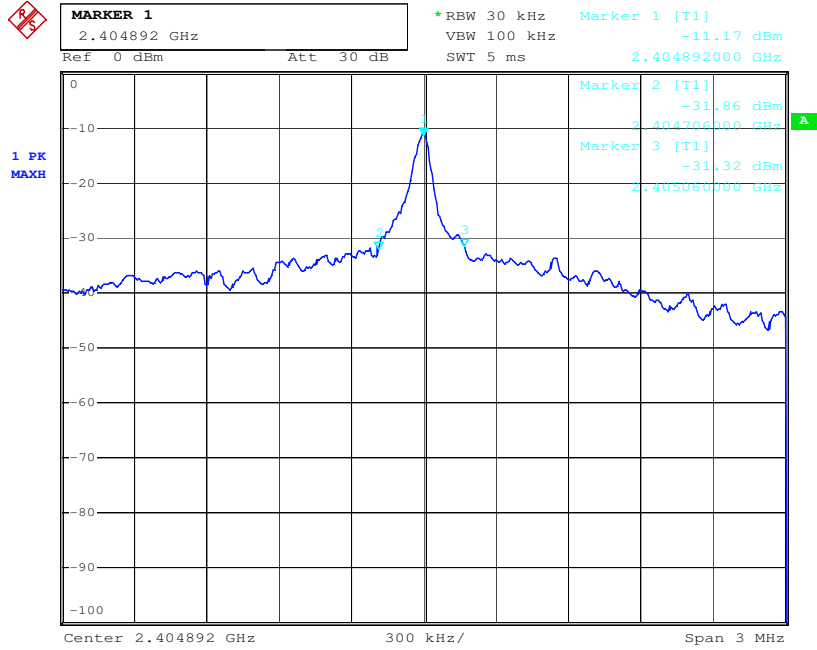


# Appendix 1

## Test Results

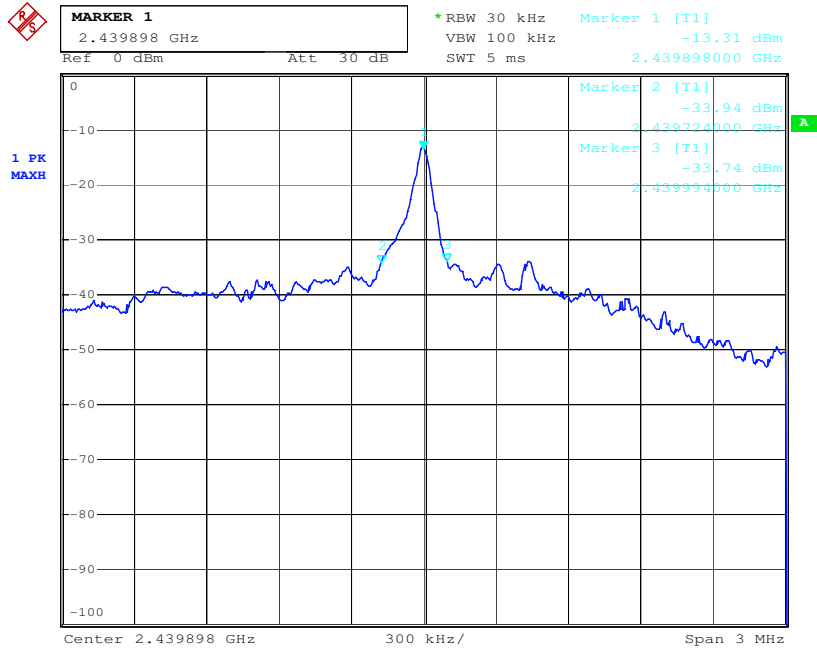
## 20dB Bandwidth

Tx frequency: 2405MHz



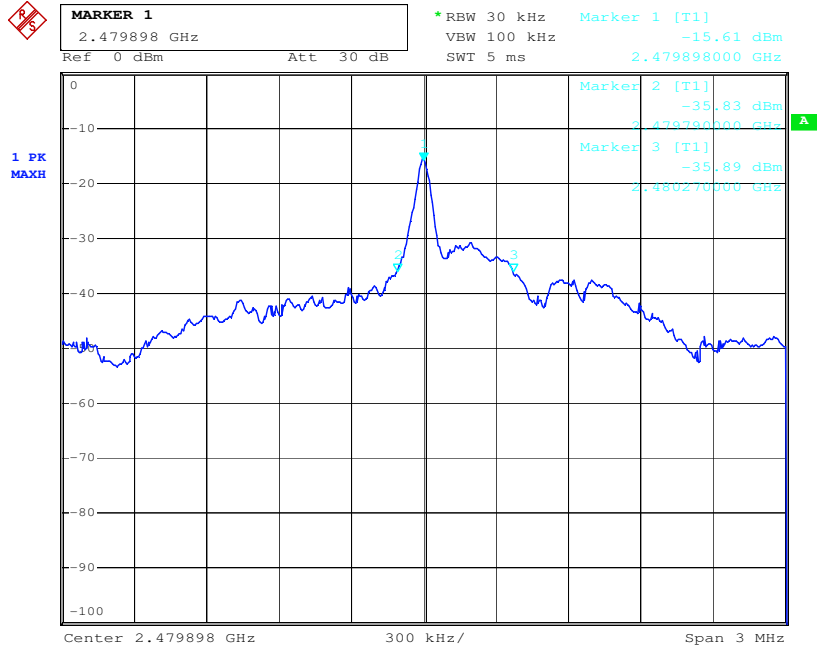
Date: 7.NOV.2011 10:45:00

Tx frequency: 2440MHz



Date: 7.NOV.2011 10:47:53

Tx frequency: 2480MHz

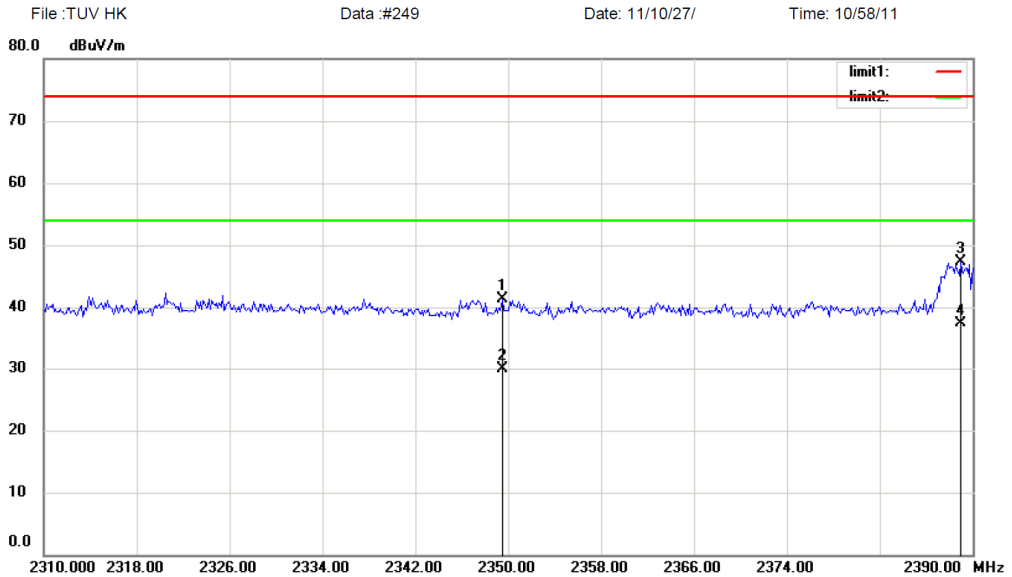


Date: 7.NOV.2011 10:50:37

## Band Edge Compliance

Tx frequency: 2405MHz (radiated measurement)

### Radiated Emission Measurement



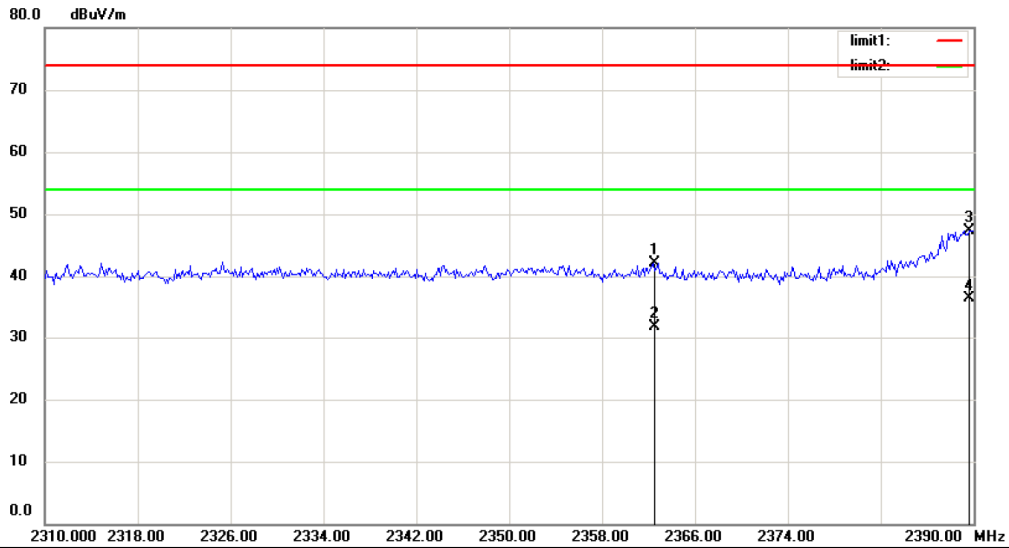
Site site #1      Polarization: **Vertical**      Temperature: 26  
 Limit: ( RE)FCC PART 15.249\_PK      Power: DC 9V      Humidity: 60 %  
 EUT: RC Helicopter  
 M/N: 9116  
 Mode:TX(2405MHz)  
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2349.487	49.85	-8.62	41.23	74.00	-32.77	peak		
2		2349.487	38.60	-8.62	29.98	54.00	-24.02	AVG		
3		2388.974	56.01	-8.66	47.35	74.00	-26.65	peak		
4	*	2388.974	45.90	-8.66	37.24	54.00	-16.76	AVG		

Vertical polarization

**Radiated Emission Measurement**

File :TUV HK      Data :#248      Date: 11/10/27      Time: 10/40/04

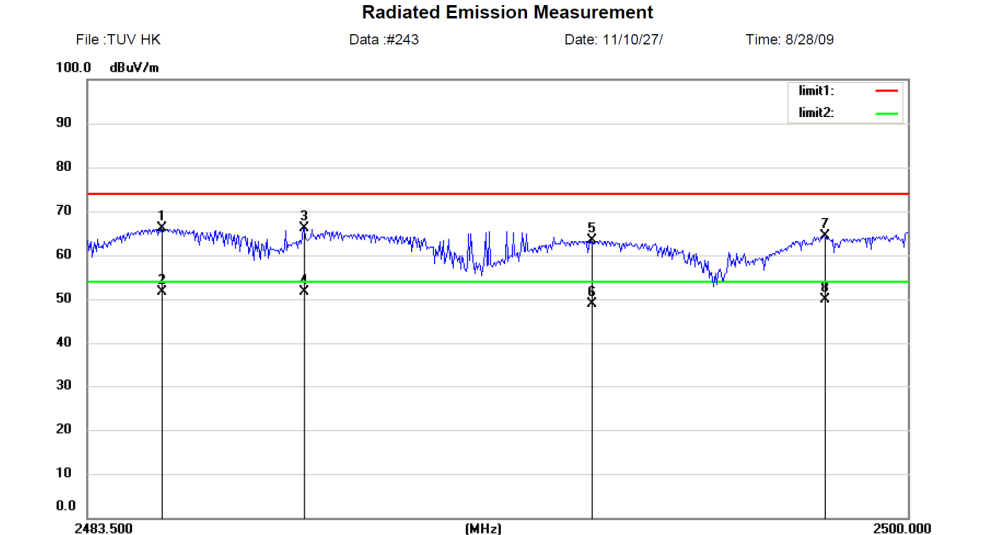


Site site #1      Polarization: **Horizontal**      Temperature: 26  
 Limit: ( RE)FCC PART 15.249\_PK      Power: DC 9V      Humidity: 60 %  
 EUT: RC Helicopter  
 M/N: 9116  
 Mode:TX(2405MHz)  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2362.436	50.74	-8.63	42.11	74.00	-31.89	peak			
2		2362.436	40.30	-8.63	31.67	54.00	-22.33	AVG			
3		2389.615	56.04	-8.66	47.38	74.00	-26.62	peak			
4	*	2389.615	45.00	-8.66	36.34	54.00	-17.66	AVG			

Horizontal polarization

Tx frequency: 2480MHz (radiated measurement)

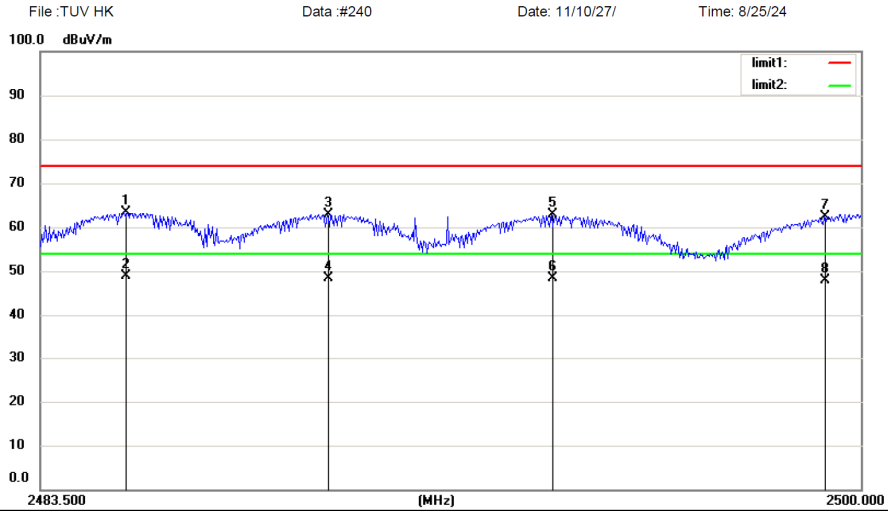


Site site #1      Polarization: *Vertical*      Temperature: 26  
 Limit: ( RE)FCC PART 15.249\_PK      Power: DC 9V      Humidity: 60 %  
 EUT: RC Helicopter  
 M/N: 9116  
 Mode:TX(2480MHz)  
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		2484.981	74.67	-8.62	66.05	74.00	-7.95	peak		
2		2484.981	60.20	-8.62	51.58	54.00	-2.42	AVG		
3		2487.836	74.76	-8.62	66.14	74.00	-7.86	peak		
4	*	2487.836	60.30	-8.62	51.68	54.00	-2.32	AVG		
5		2493.627	71.90	-8.62	63.28	74.00	-10.72	peak		
6		2493.627	57.40	-8.62	48.78	54.00	-5.22	AVG		
7		2498.308	73.10	-8.62	64.48	74.00	-9.52	peak		
8		2498.308	58.60	-8.62	49.98	54.00	-4.02	AVG		

Vertical polarization

**Radiated Emission Measurement**



Site site #1      Polarization: **Horizontal**      Temperature: 26  
 Limit: ( RE)FCC PART 15.249\_PK      Power: DC 9V      Humidity: 60 %  
 EUT: RC Helicopter  
 M/N: 9116  
 Mode:TX(2480MHz)  
 Note:

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	2485.192	71.89	-8.62	63.27	74.00	-10.73	peak			
2 *	2485.192	57.40	-8.62	48.78	54.00	-5.22	AVG			
3	2489.264	71.55	-8.62	62.93	74.00	-11.07	peak			
4	2489.264	57.00	-8.62	48.38	54.00	-5.62	AVG			
5	2493.786	71.40	-8.62	62.78	74.00	-11.22	peak			
6	2493.786	56.90	-8.62	48.28	54.00	-5.72	AVG			
7	2499.260	70.98	-8.62	62.36	74.00	-11.64	peak			
8	2499.260	56.40	-8.62	47.78	54.00	-6.22	AVG			

Horizontal polarization