Test Report No.10048107 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10048107AppendixD)

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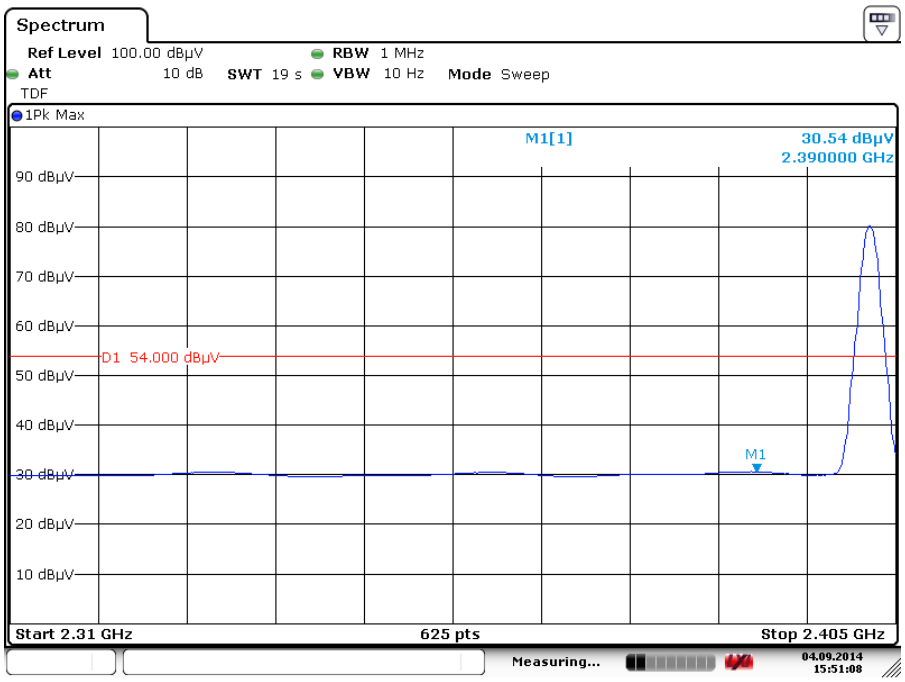
Radiated Bandedge

Low Channel (Hor)



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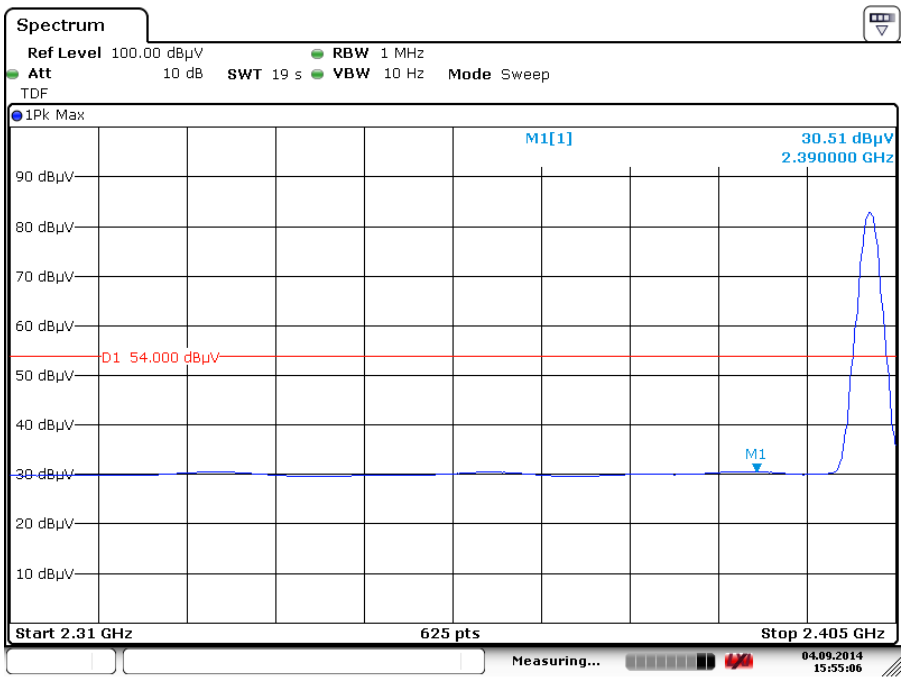

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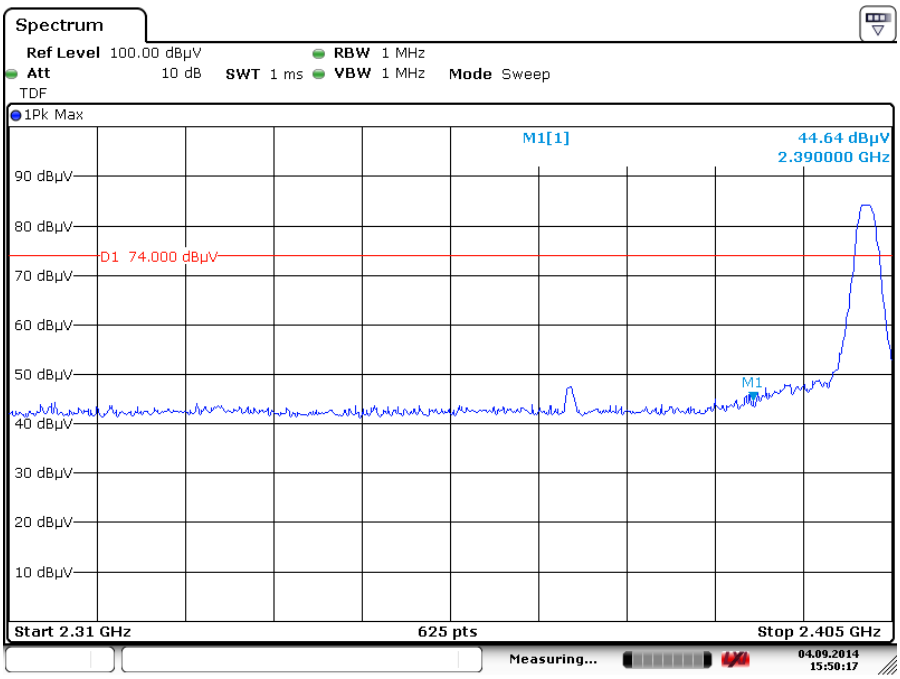

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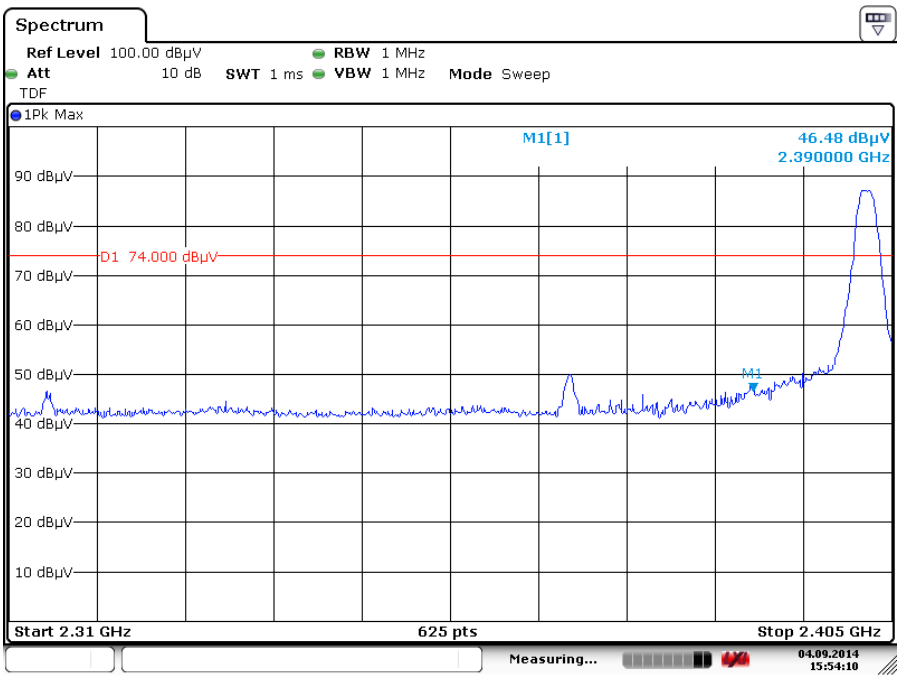

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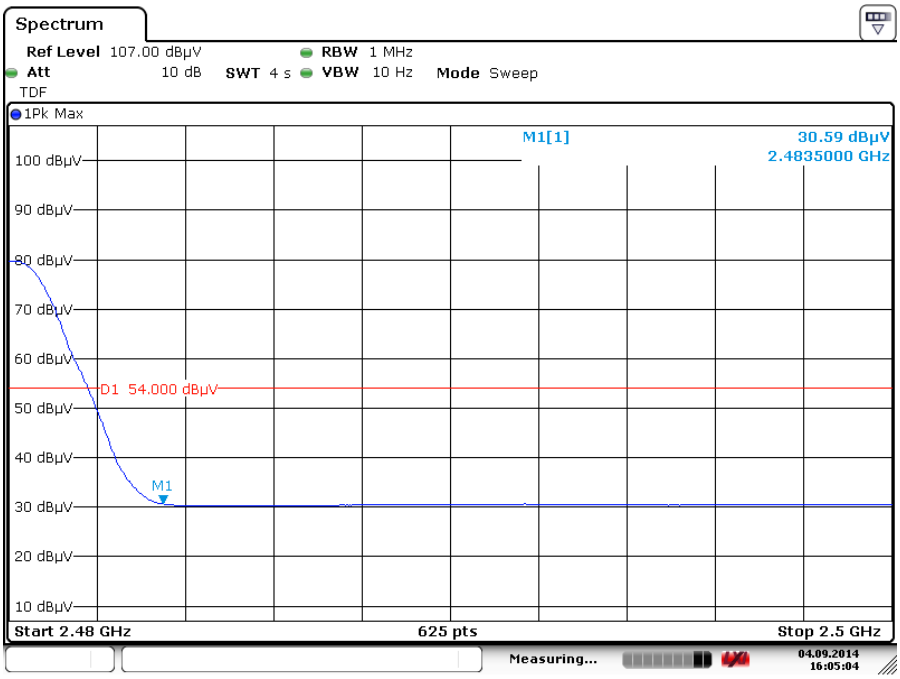
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge

High Channel (Hor)



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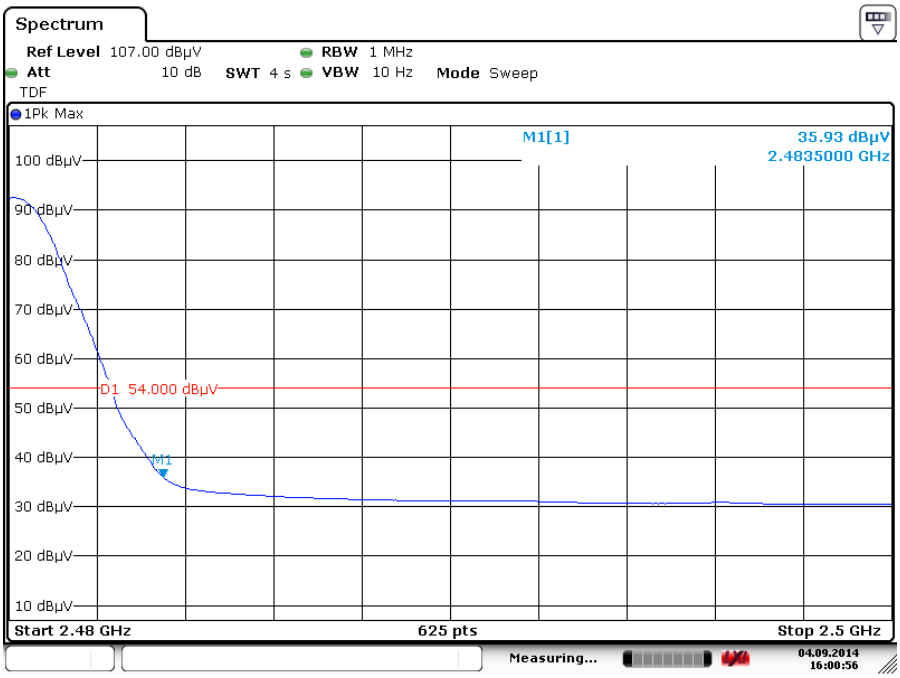

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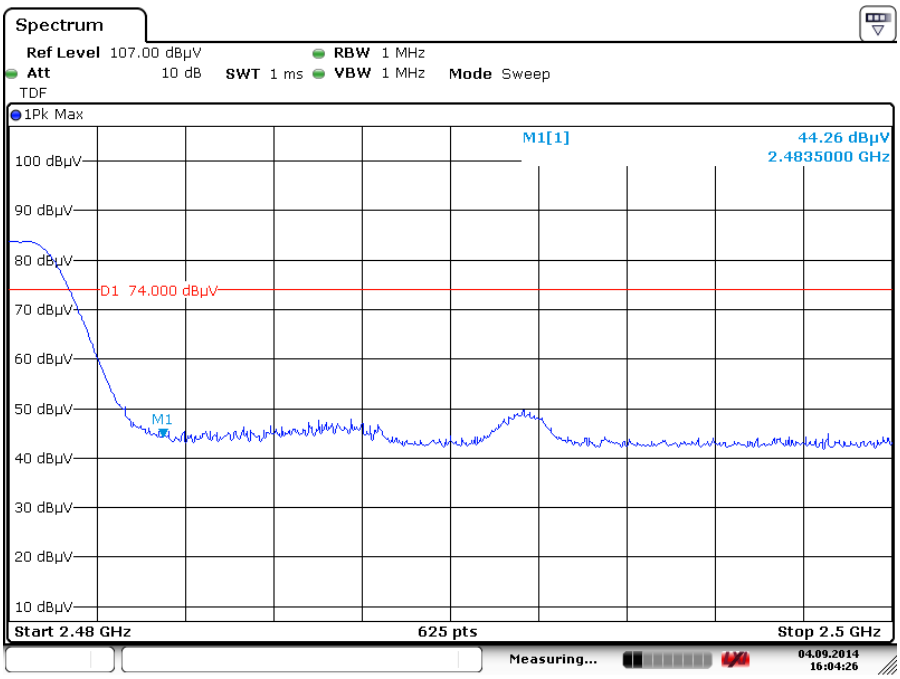

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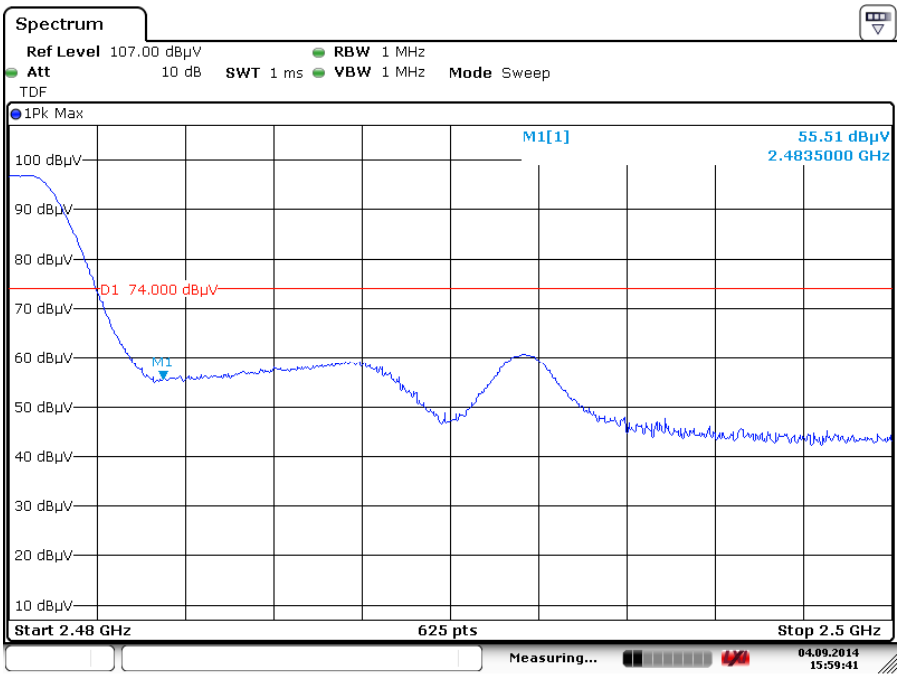

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Spurious Emissions, Band Edge, 2.35-2.5G

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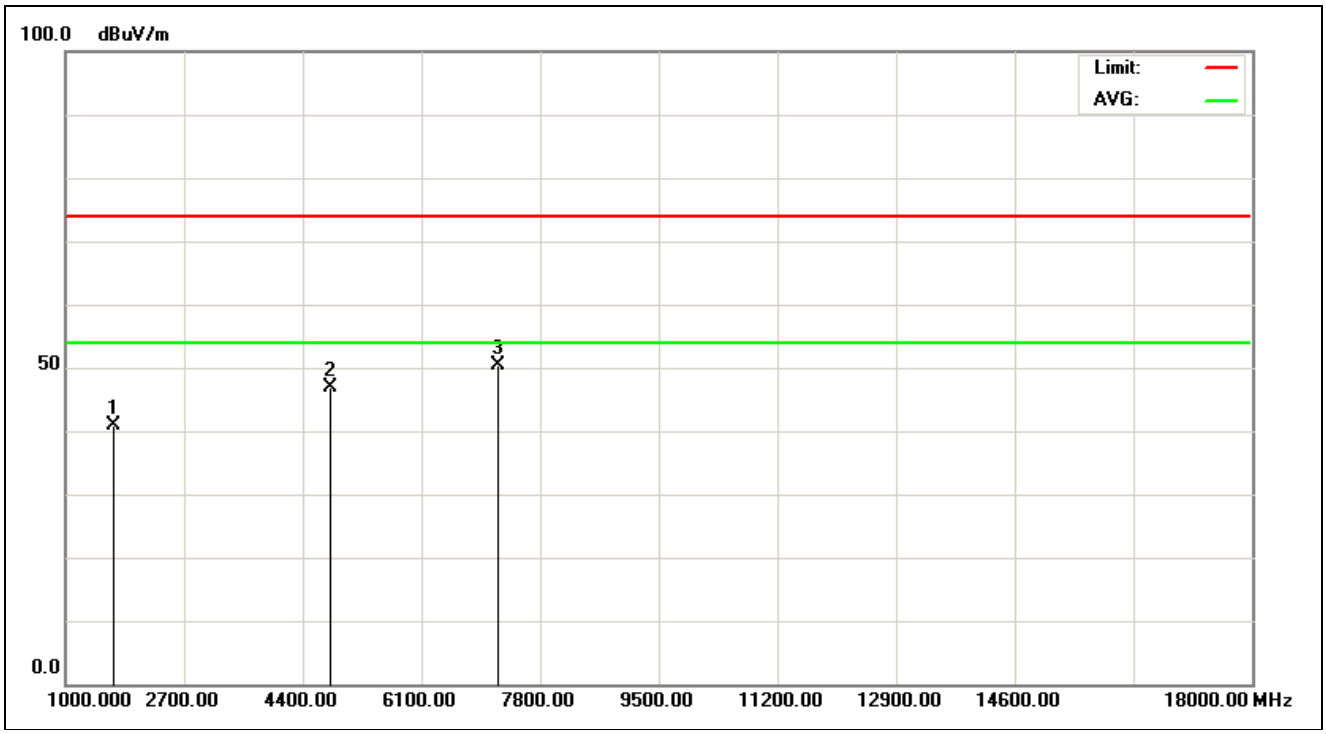

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:07:36**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	1681.090	-9.50	50.49	40.99	74.00	-33.01	peak			
2	4804.000	-2.59	49.54	46.95	74.00	-27.05	peak			
3	7206.000	5.44	44.95	50.39	74.00	-23.61	peak			

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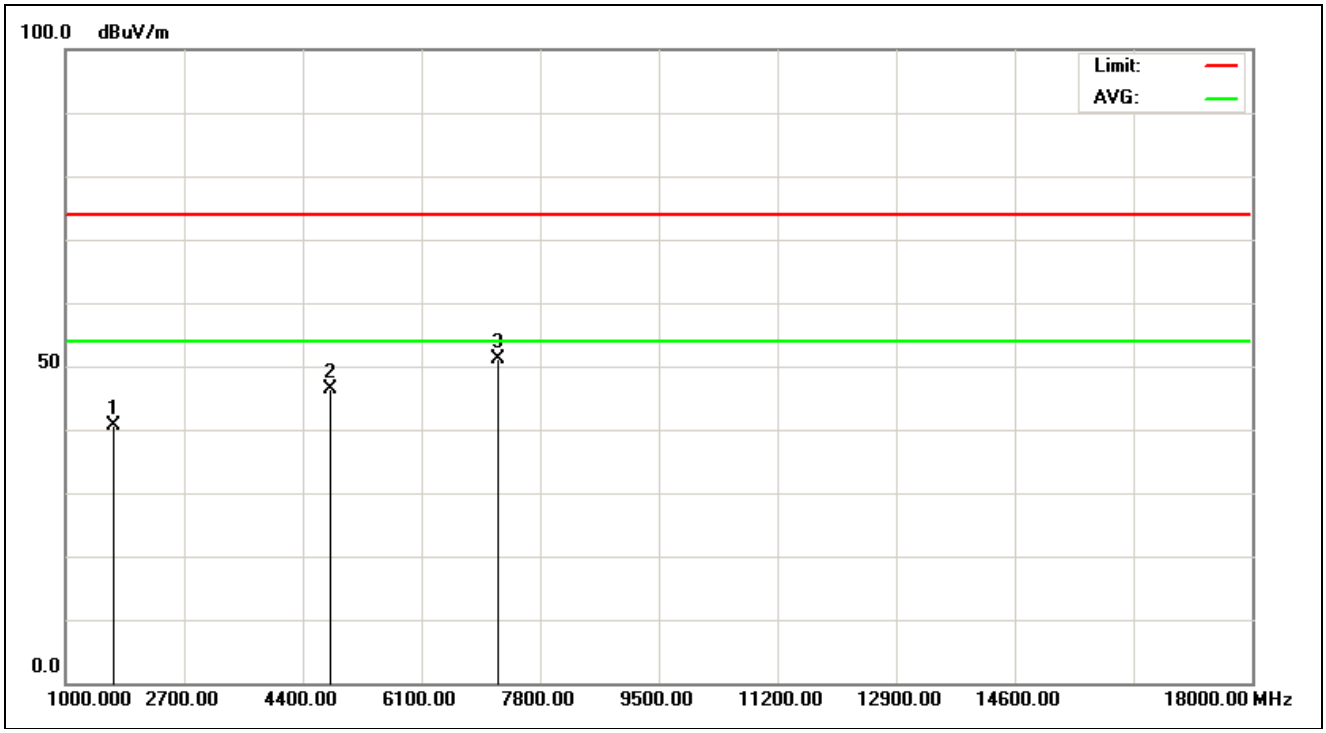

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:08:38**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	1681.090	-9.50	50.24	40.74	74.00	-33.26	peak			
2	4804.000	-2.59	48.97	46.38	74.00	-27.62	peak			
3	7206.000	5.44	45.69	51.13	74.00	-22.87	peak			

Spurious Emissions, TX Mode, 1-18G

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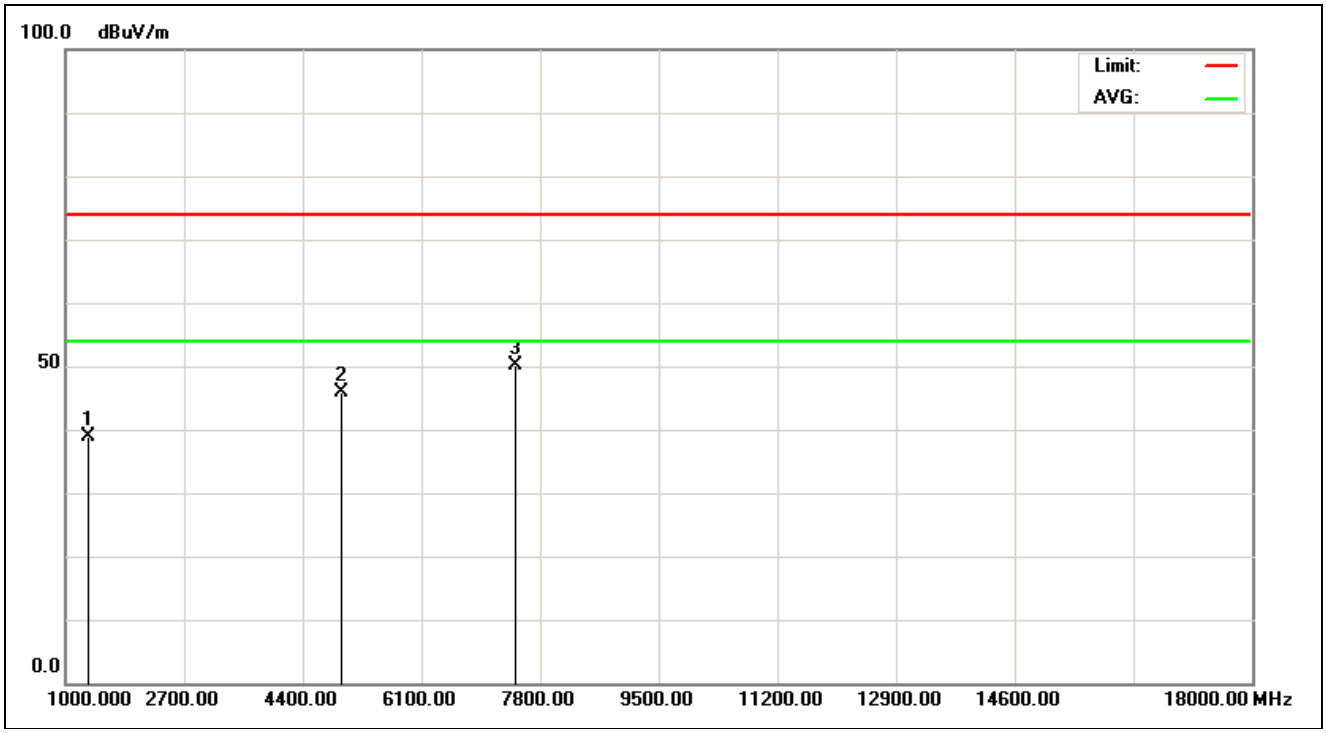

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:04:36**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_TX**		
Remark:	**Z**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	1326.923	-10.17	49.12	38.95	74.00	-35.05	peak			
2	4960.000	-2.19	48.16	45.97	74.00	-28.03	peak			
3	7440.000	6.09	44.14	50.23	74.00	-23.77	peak			

Spurious Emissions, TX Mode, 1-18G

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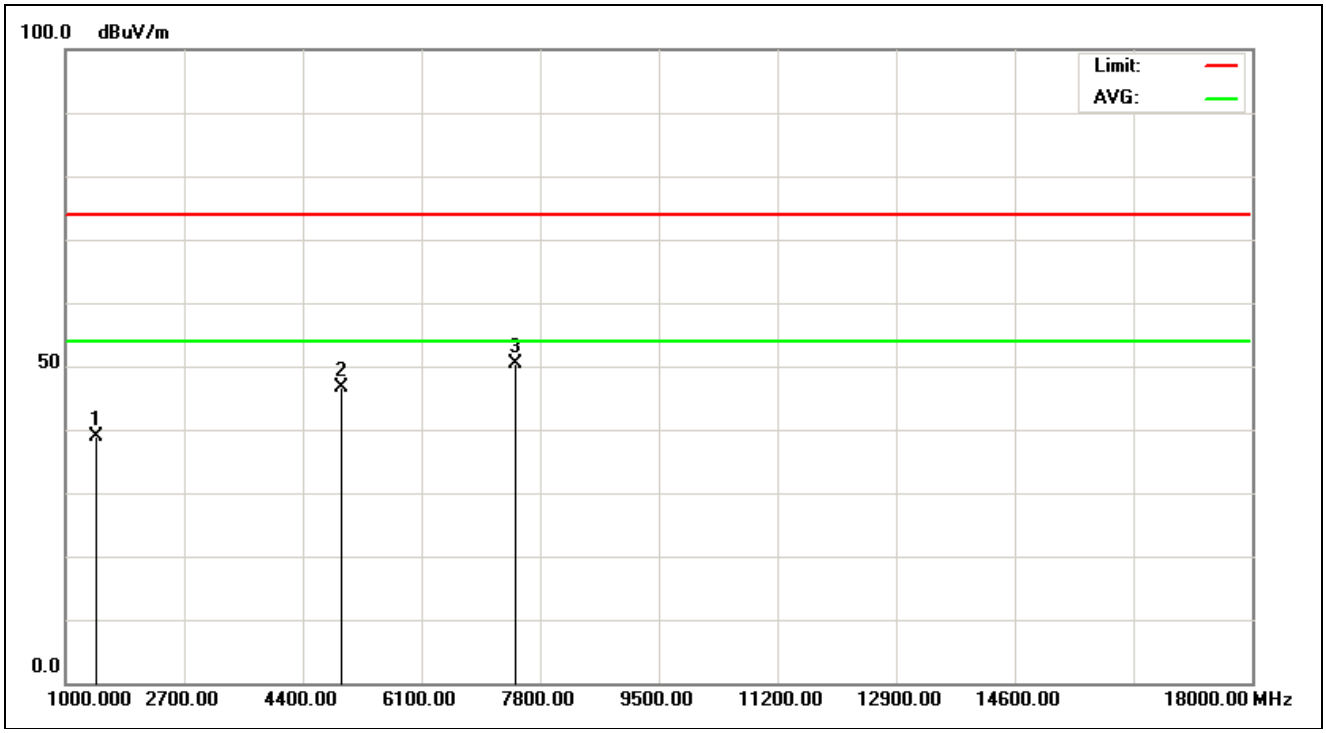

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:05:38**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	1435.897	-10.48	49.29	38.81	74.00	-35.19	peak			
2	4960.000	-2.19	48.94	46.75	74.00	-27.25	peak			
3	7440.000	6.09	44.21	50.30	74.00	-23.70	peak			

Spurious Emissions, TX Mode, 1-18G

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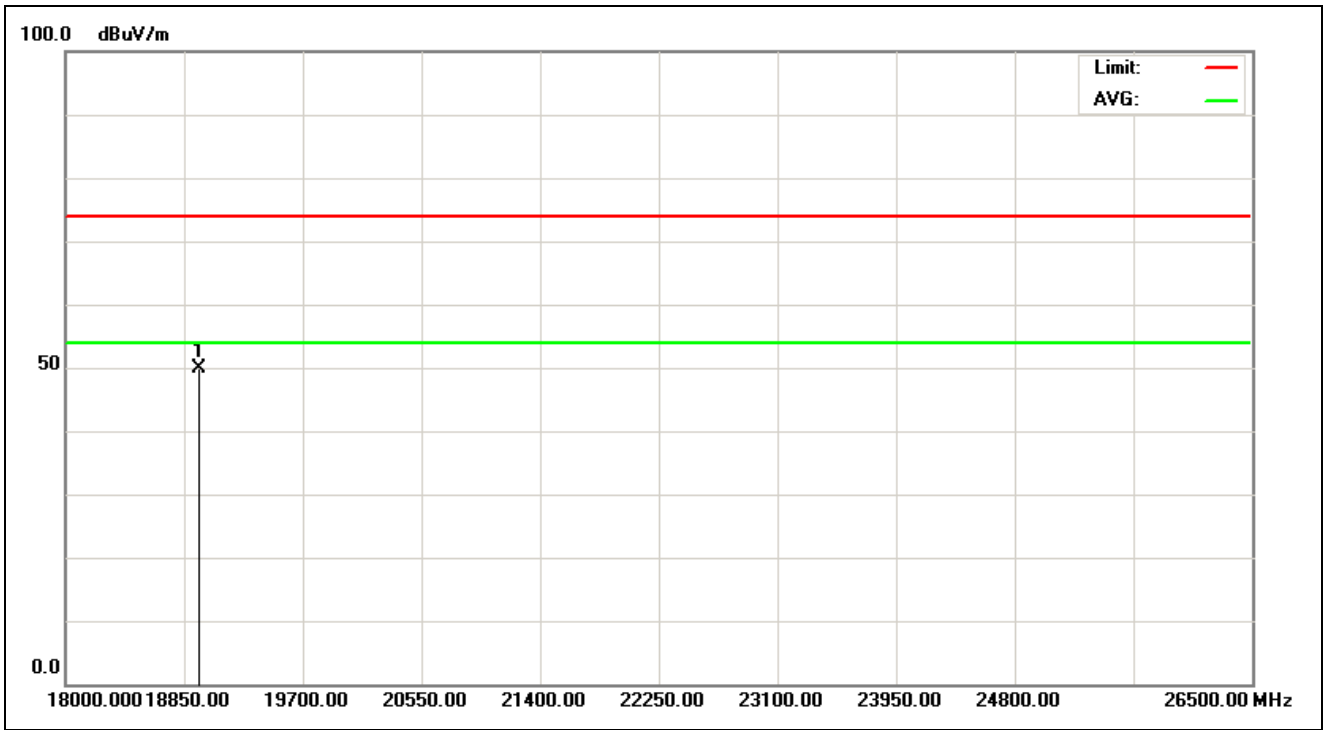

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:25:30**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	18953.526	29.84	19.93	49.77	74.00	-24.23	peak			

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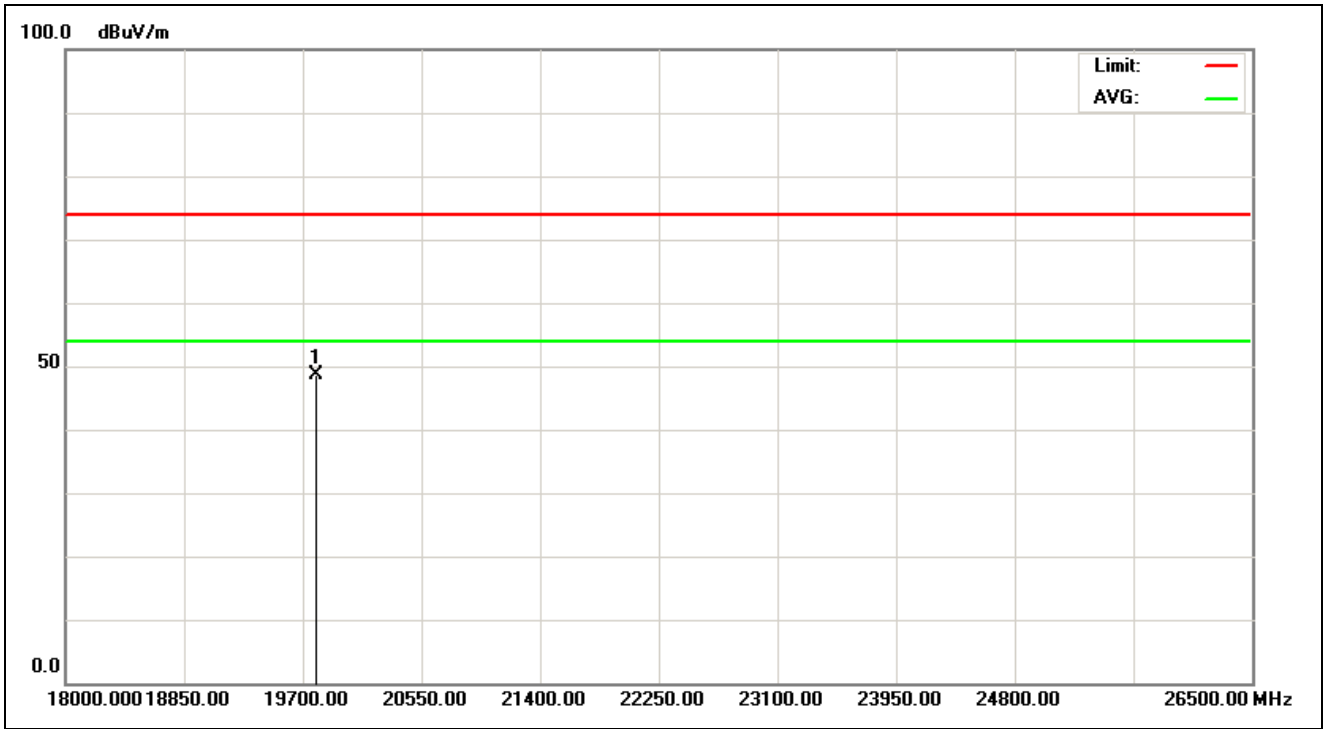

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:25:44**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19798.077	29.14	19.42	48.56	74.00	-25.44	peak			

Spurious Emissions, TX Mode, 18-26G

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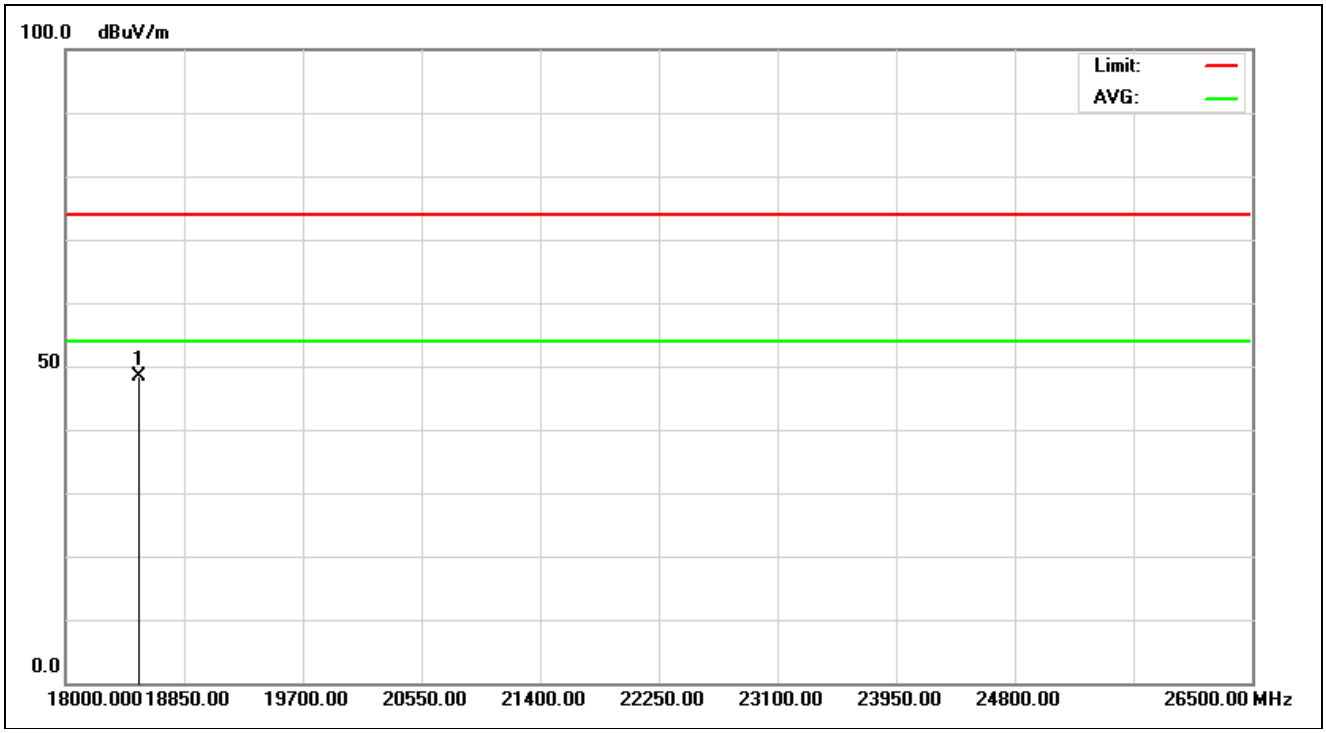

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:26:05**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_TX**		
Remark:	**Z**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	18531.250	28.54	19.78	48.32	74.00	-25.68	peak			

Spurious Emissions, TX Mode, 18-26G

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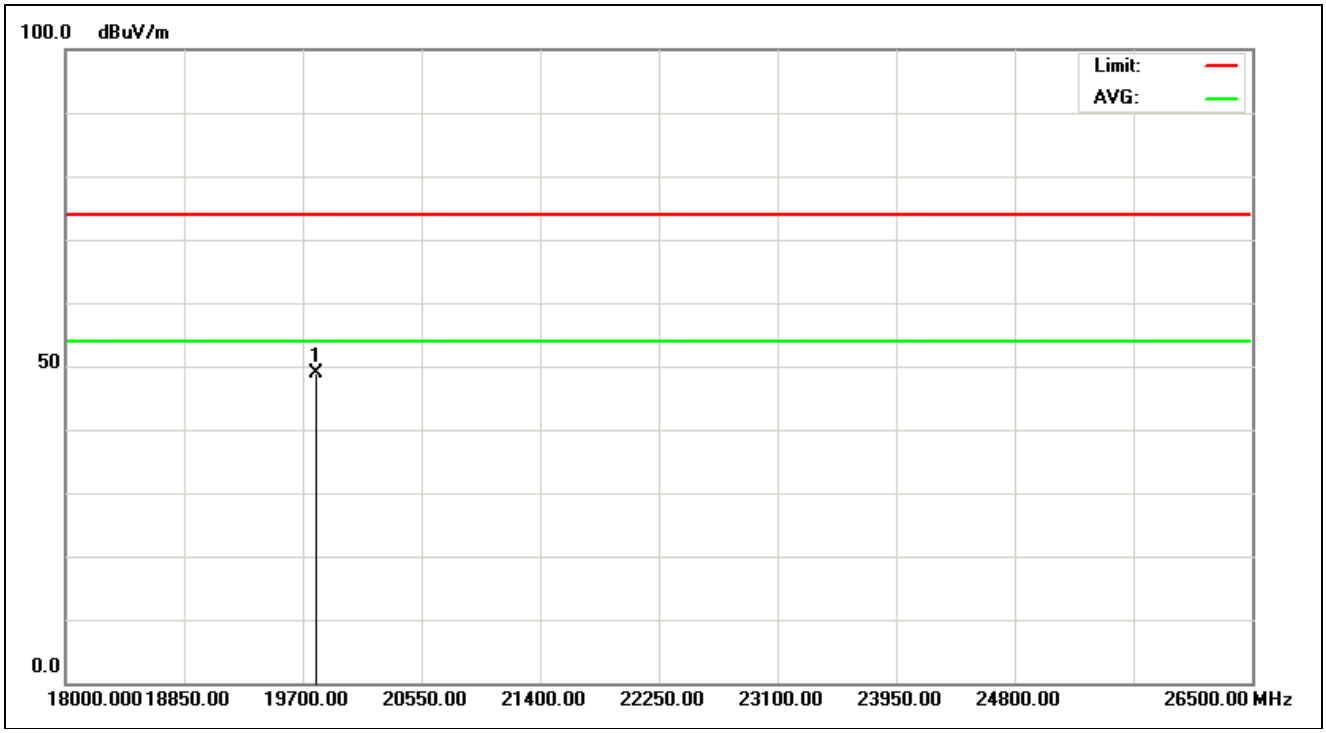

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:26:16**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19798.077	29.14	19.63	48.77	74.00	-25.23	peak			

Spurious Emissions, TX Mode, 18-26G

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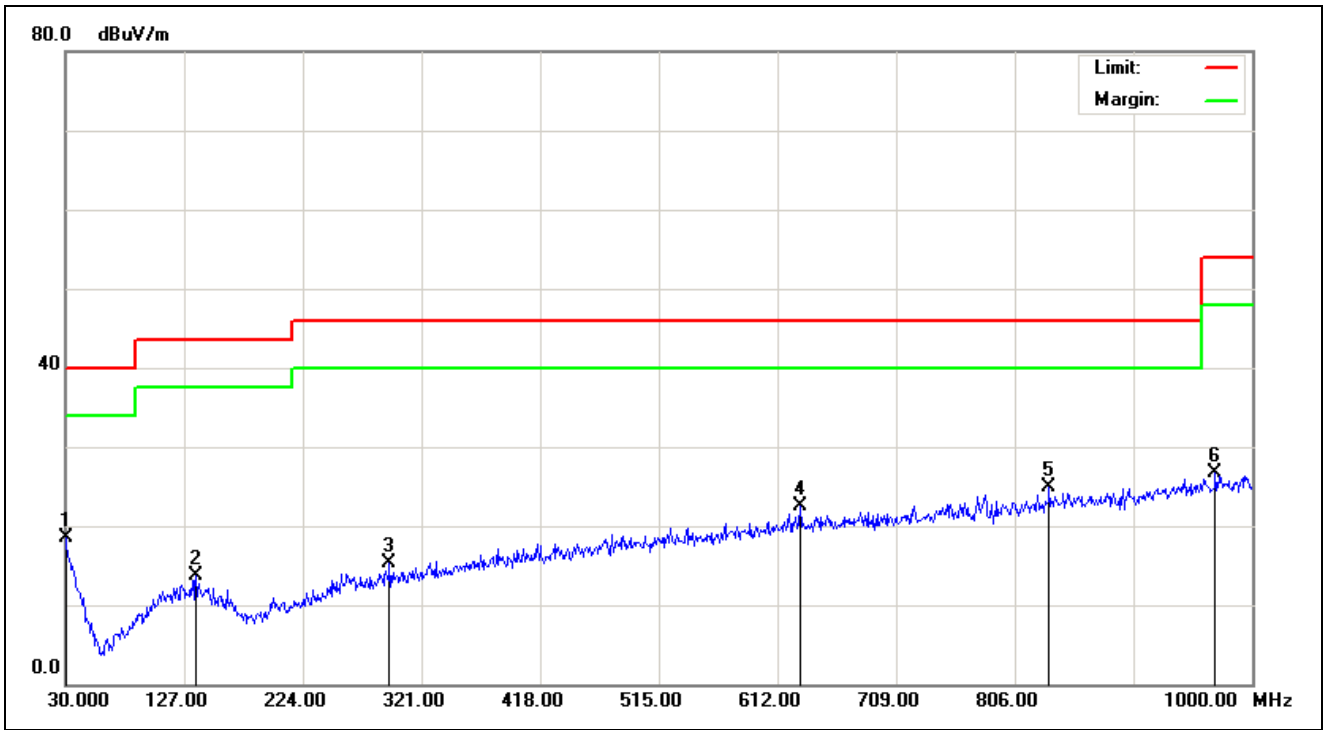

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 14:53:10**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.0000	-7.35	25.81	18.46	40.00	-21.54	QP	100	110	
2	136.7000	-14.22	27.90	13.68	43.50	-29.82	QP	100	311	
3	294.8100	-12.08	27.29	15.21	46.00	-30.79	QP	100	273	
4	630.4299	-6.68	29.14	22.46	46.00	-23.54	QP	100	172	
5	834.1300	-3.71	28.71	25.00	46.00	-21.00	QP	100	153	
6	969.9300	-1.13	27.78	26.65	54.00	-27.35	QP	100	337	

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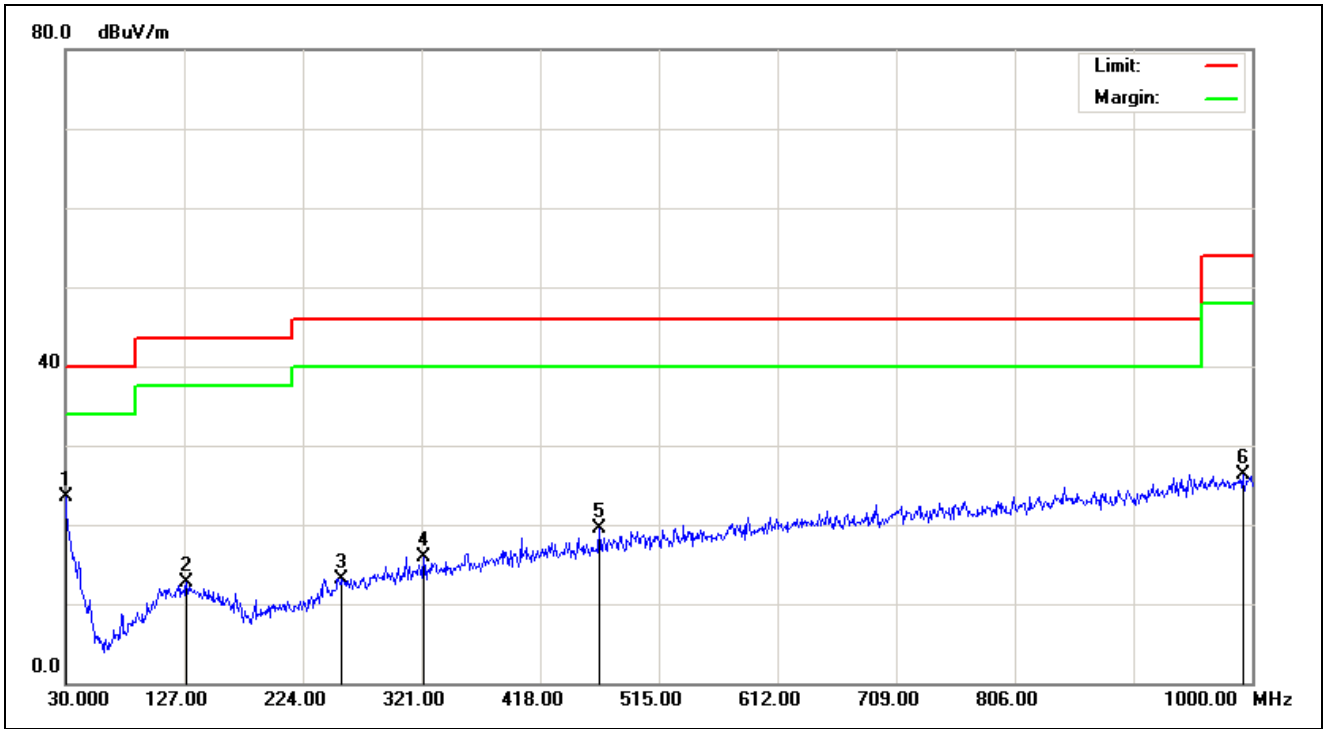

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 14:54:12**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_TX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.0000	-7.35	30.77	23.42	40.00	-16.58	QP	100	5	
2	128.9400	-14.22	26.86	12.64	43.50	-30.86	QP	100	112	
3	256.0100	-12.67	25.80	13.13	46.00	-32.87	QP	100	330	
4	322.9400	-11.47	27.40	15.93	46.00	-30.07	QP	100	349	
5	466.5000	-9.07	28.49	19.42	46.00	-26.58	QP	100	23	
6	992.2400	-0.88	27.27	26.39	54.00	-27.61	QP	100	149	

Spurious Emissions, TX Mode, 30M-1G

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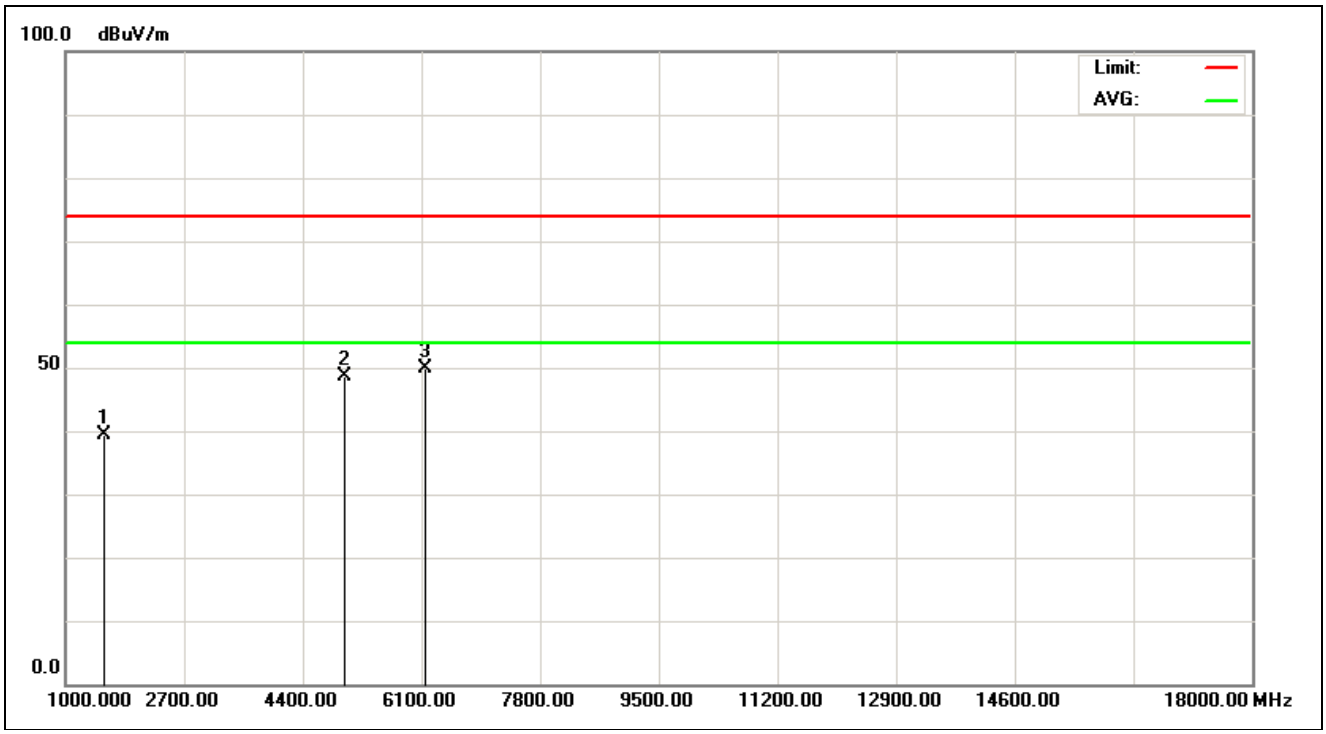

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:11:33**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	1544.872	-10.37	49.69	39.32	74.00	-34.68	peak			
2	5004.808	-2.05	50.67	48.62	74.00	-25.38	peak			
3	6149.038	4.23	45.70	49.93	74.00	-24.07	peak			

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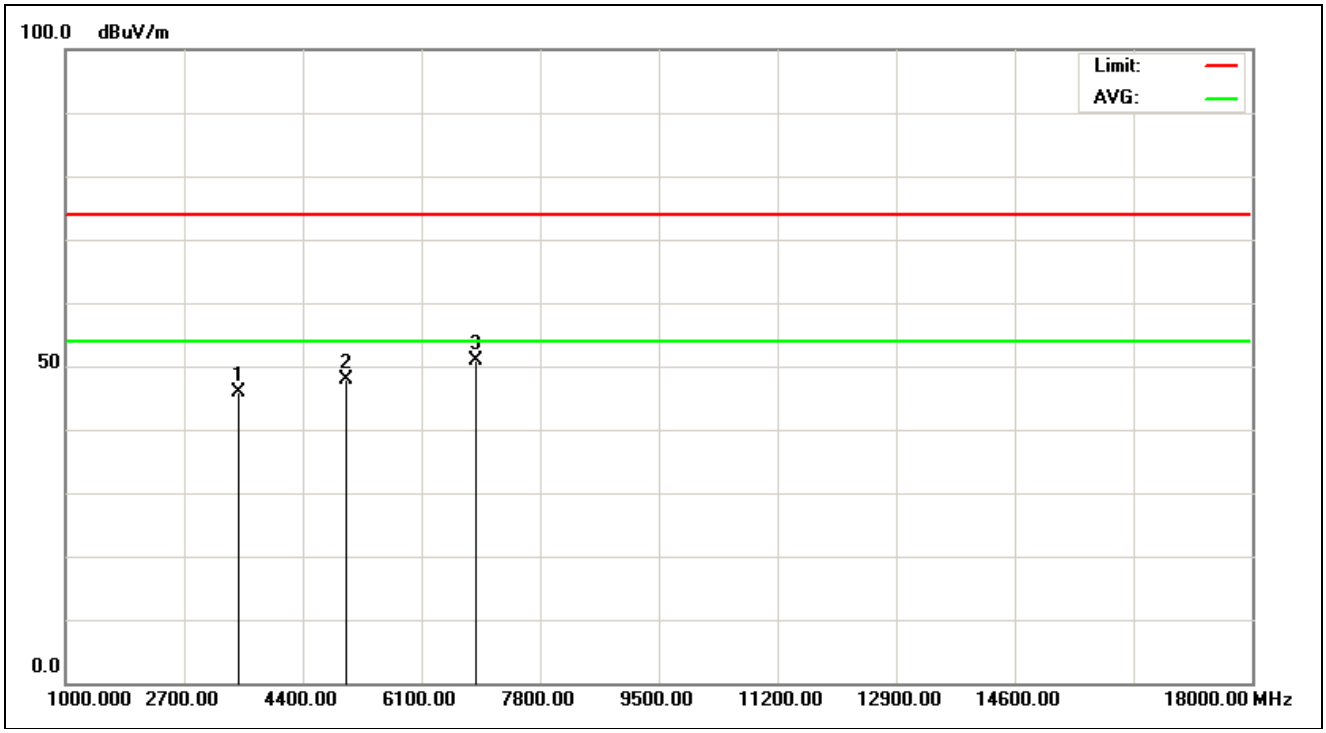

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:12:34**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_RX**		
Remark:	**Z**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	3479.167	-5.67	51.45	45.78	74.00	-28.22	peak			
2	5032.051	-1.92	49.78	47.86	74.00	-26.14	peak			
3	6884.615	5.00	45.77	50.77	74.00	-23.23	peak			

Spurious Emissions, RX Mode, 1-18G

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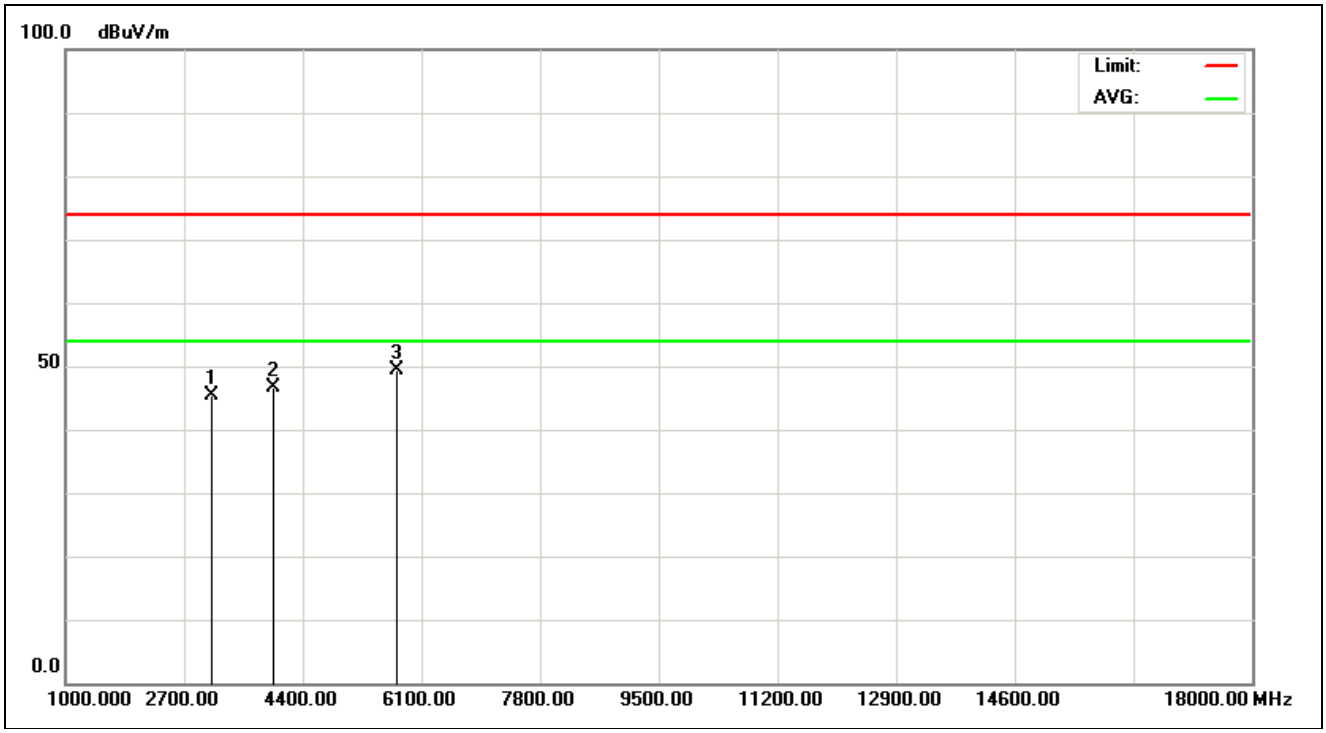

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:13:51**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	3097.756	-6.16	51.51	45.35	74.00	-28.65	peak			
2	3969.551	-5.33	51.92	46.59	74.00	-27.41	peak			
3	5740.385	1.97	47.43	49.40	74.00	-24.60	peak			

Spurious Emissions, RX Mode, 1-18G

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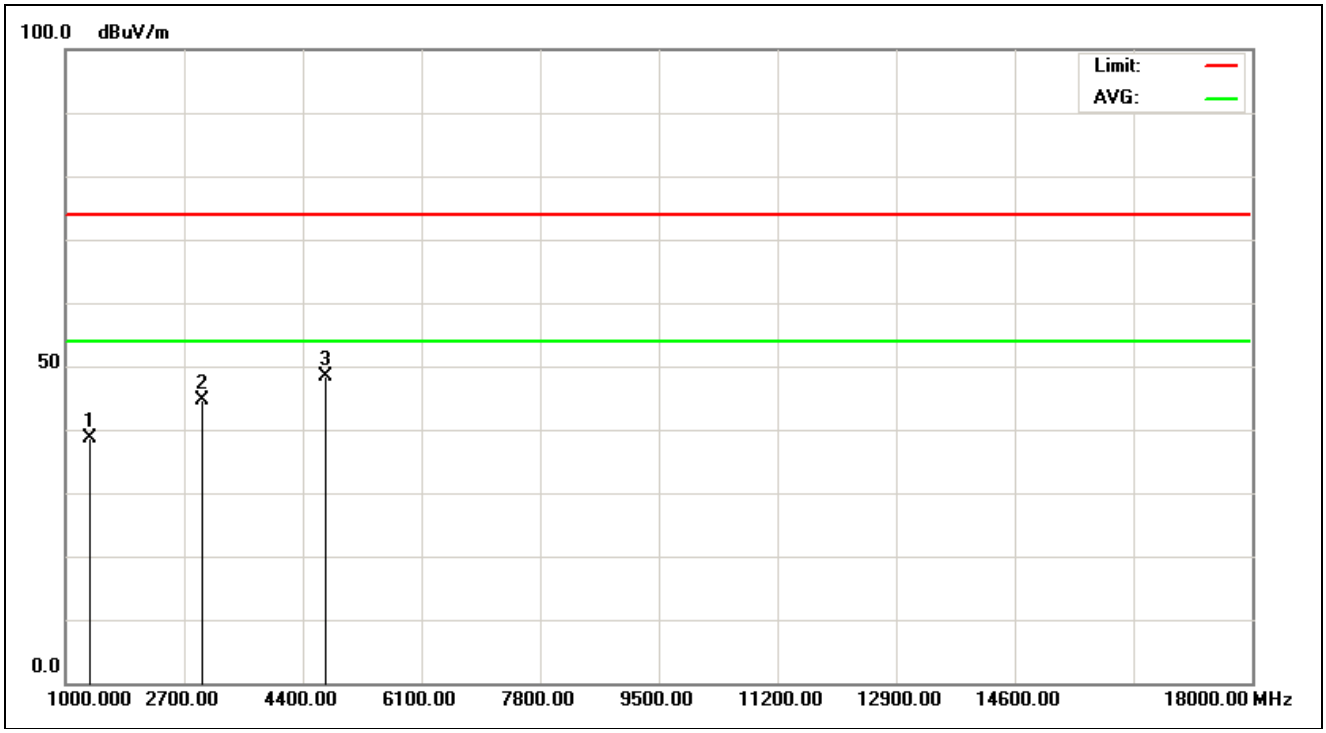

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:14:52**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_RX**		
Remark:	**Z**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	1354.167	-10.24	48.82	38.58	74.00	-35.42	peak			
2	2961.538	-6.33	50.90	44.57	74.00	-29.43	peak			
3	4732.372	-2.77	51.12	48.35	74.00	-25.65	peak			

Spurious Emissions, RX Mode, 1-18G

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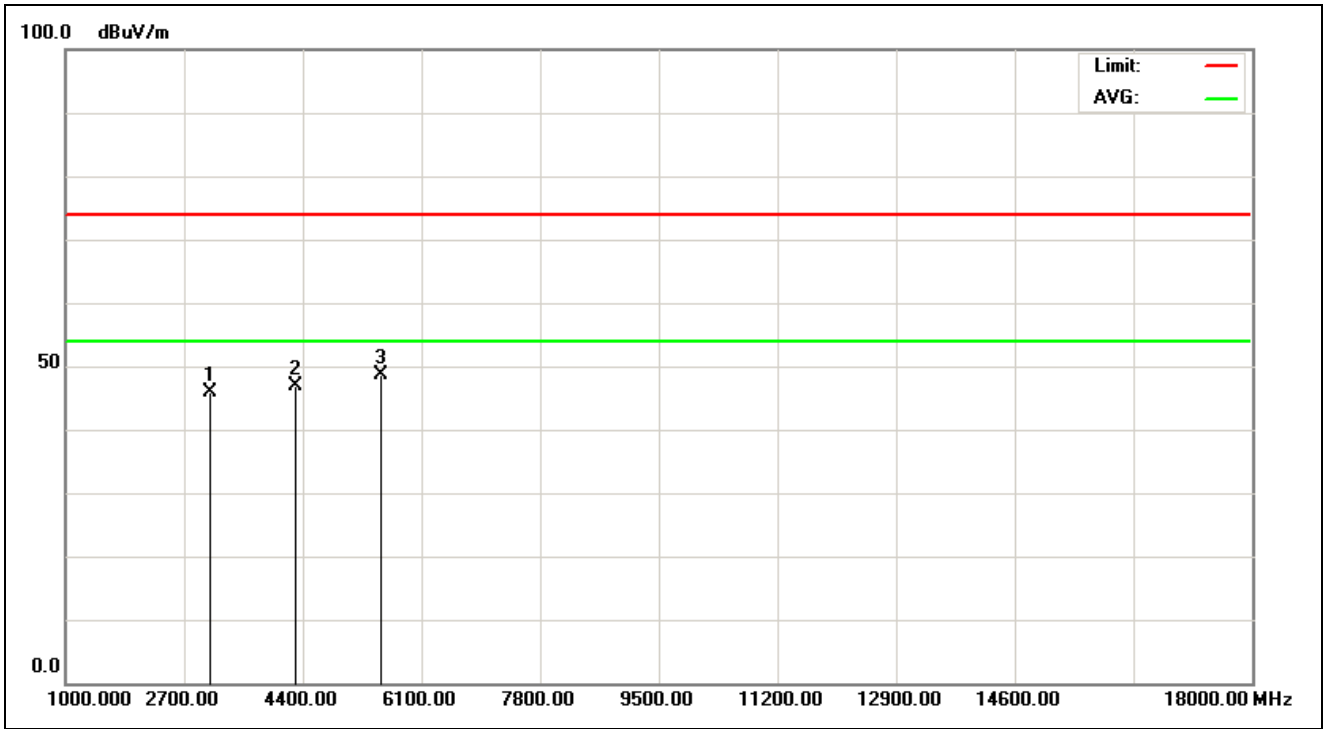

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:16:06**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	3070.513	-6.18	52.16	45.98	74.00	-28.02	peak	100	296	
2	4296.474	-4.16	50.94	46.78	74.00	-27.22	peak	100	84	
3	5522.436	0.49	48.14	48.63	74.00	-25.37	peak	100	250	

Spurious Emissions, RX Mode, 1-18G

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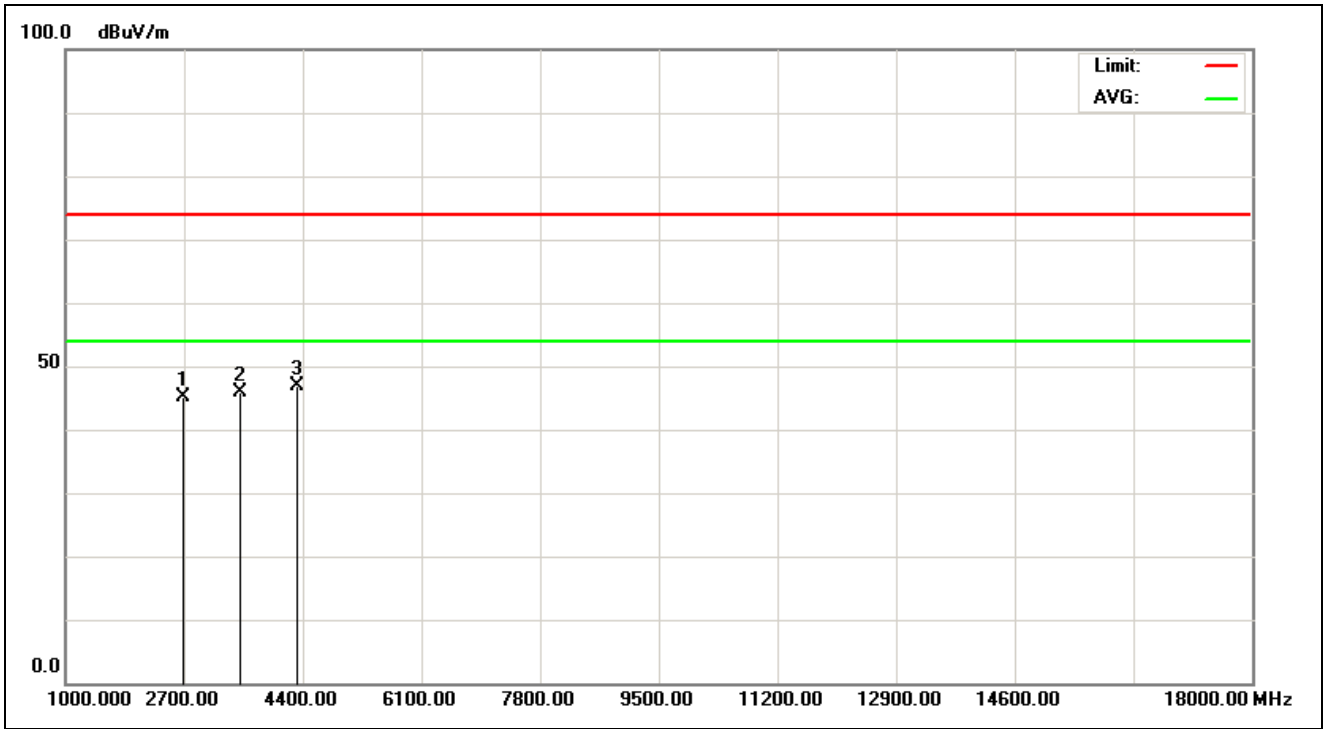

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:17:08**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	2689.102	-6.77	51.96	45.19	74.00	-28.81	peak	100	0	
2	3506.410	-5.64	51.45	45.81	74.00	-28.19	peak	100	72	
3	4323.718	-4.04	50.82	46.78	74.00	-27.22	peak	100	163	

Spurious Emissions, RX Mode, 1-18G

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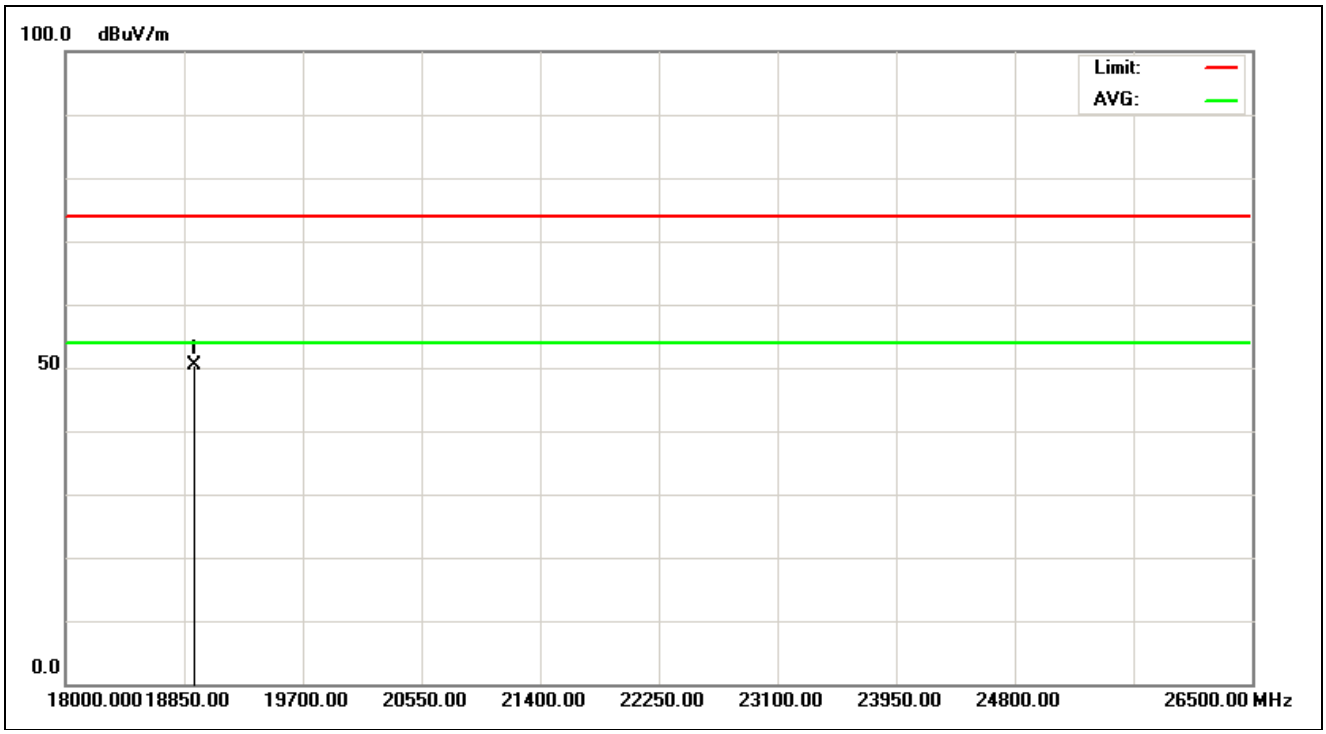

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:23:33**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	18926.282	29.75	20.59	50.34	74.00	-23.66	peak			

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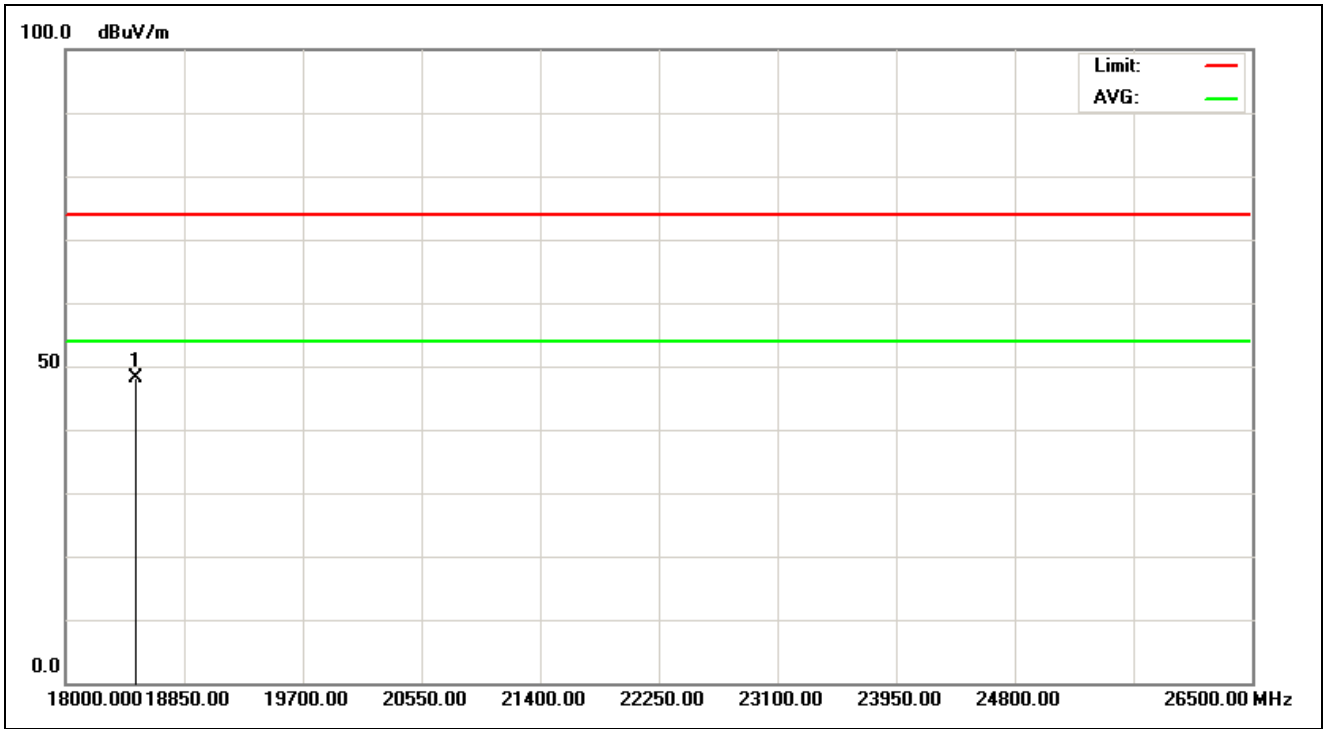

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:23:52**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2402MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	18504.006	28.45	19.65	48.10	74.00	-25.90	peak			

Spurious Emissions, RX Mode, 18-26G

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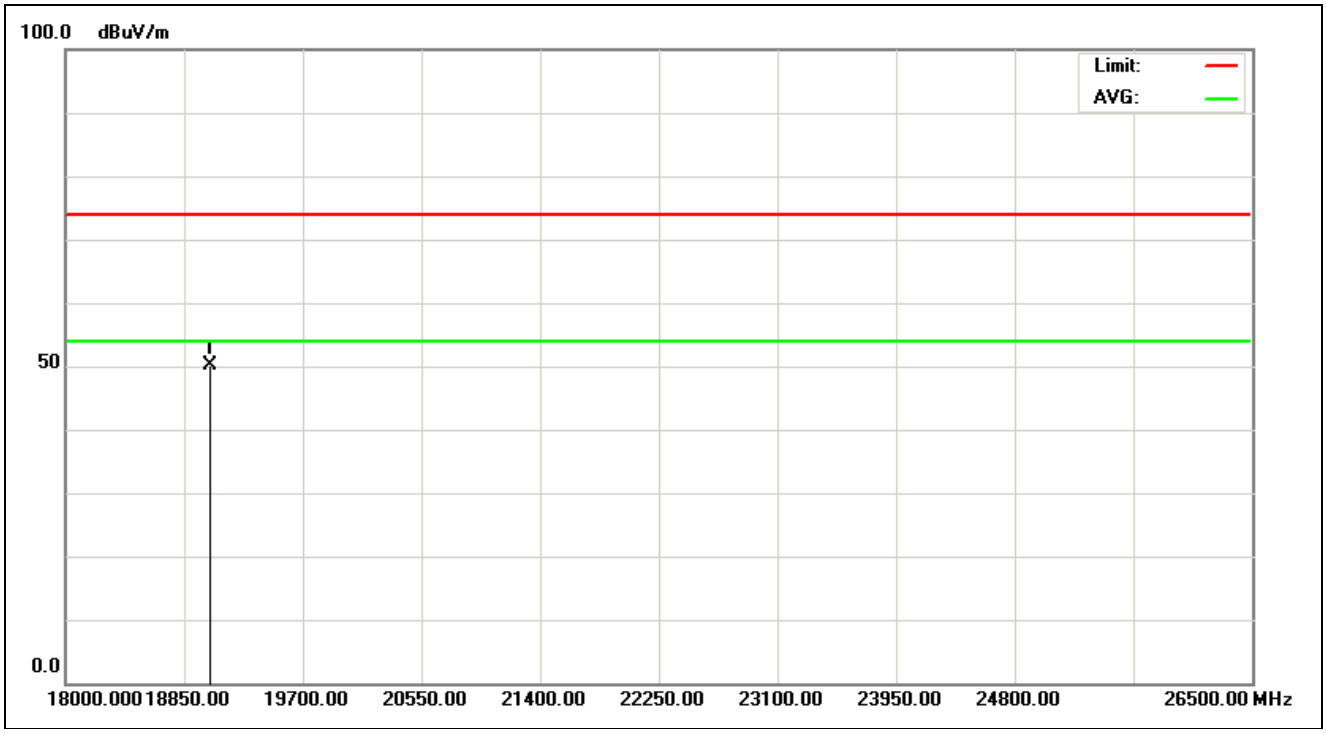

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:24:14**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19035.256	29.90	20.31	50.21	74.00	-23.79	peak			

Spurious Emissions, RX Mode, 18-26G

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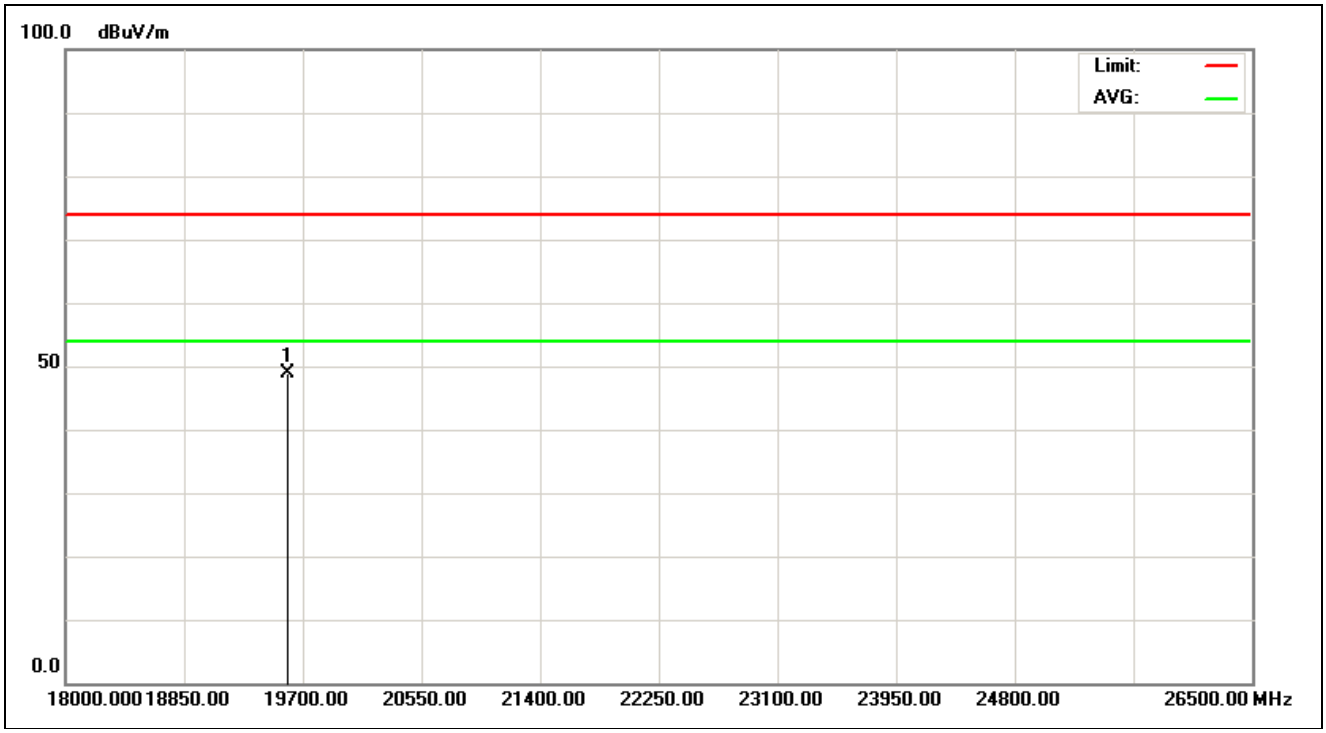

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:24:30**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19593.750	28.95	20.00	48.95	74.00	-25.05	peak			

Spurious Emissions, RX Mode, 18-26G

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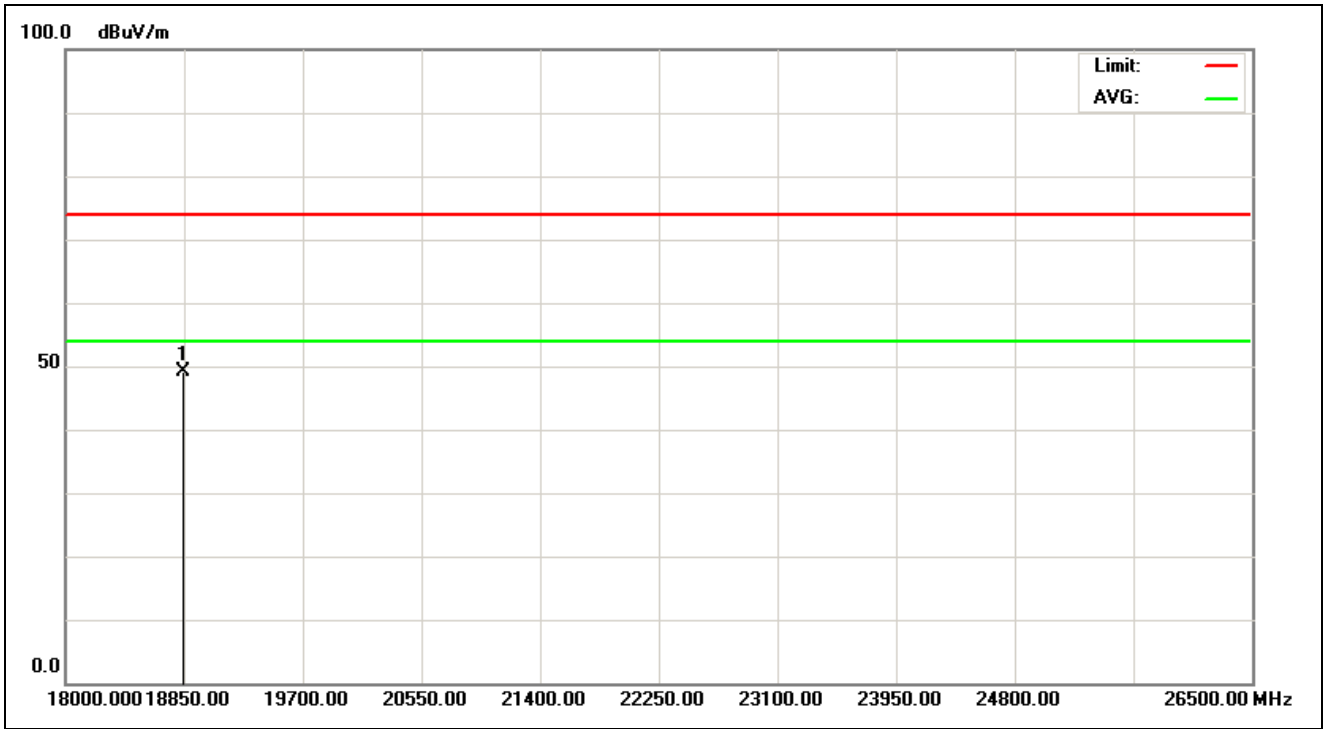
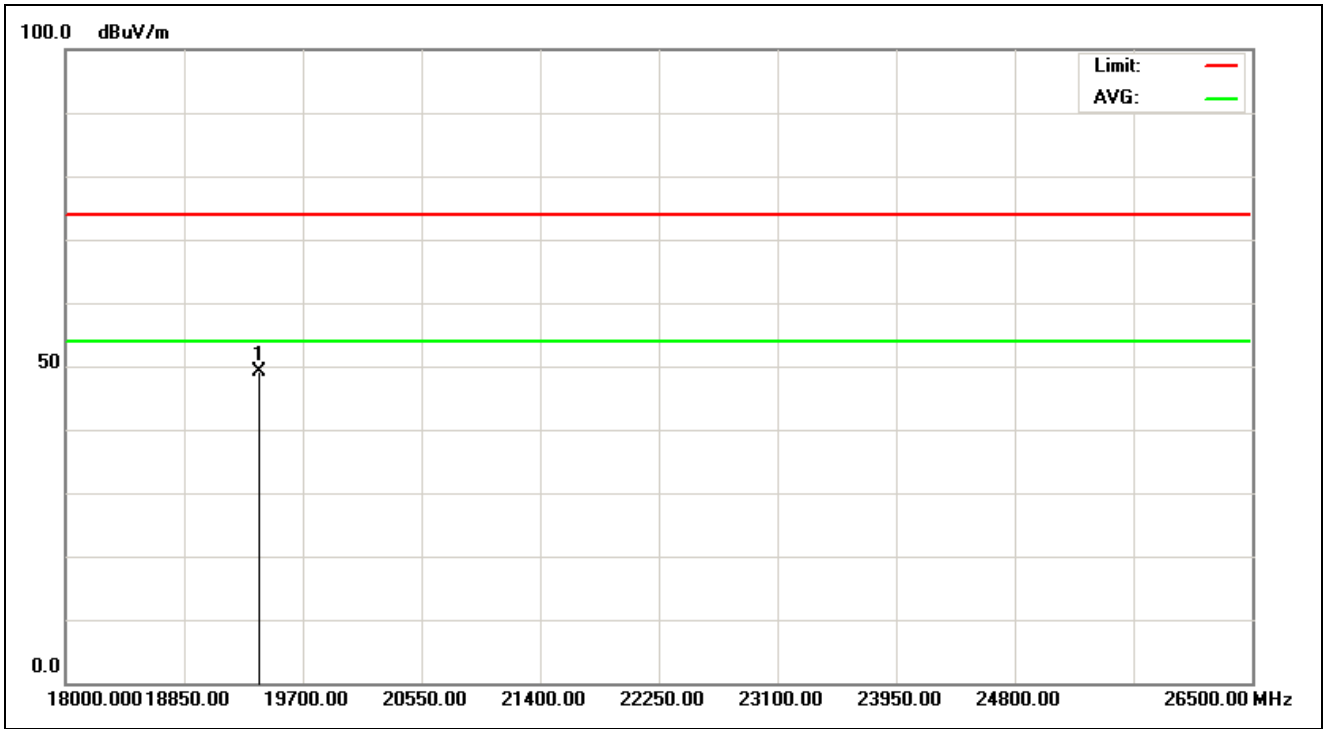


Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 16:24:56**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2480MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	18844.551	29.50	19.62	49.12	74.00	-24.88	peak			

Spurious Emissions, RX Mode, 18-26G



Service No.:	114021724_ANT+_FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/9/4 16:25:09
Applicant:	Goldtek	Test Rating:	via battery
Product:	Smart Watch	Temp.(℃)/Hum.(%):	25(℃)/50%
Model No.:	GTI-W10	Test Engineer:	Freeman Wang
Test Mode:	2480MHz_RX		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19389.423	29.11	20.09	49.20	74.00	-24.80	peak			

Spurious Emissions, RX Mode, 18-26G

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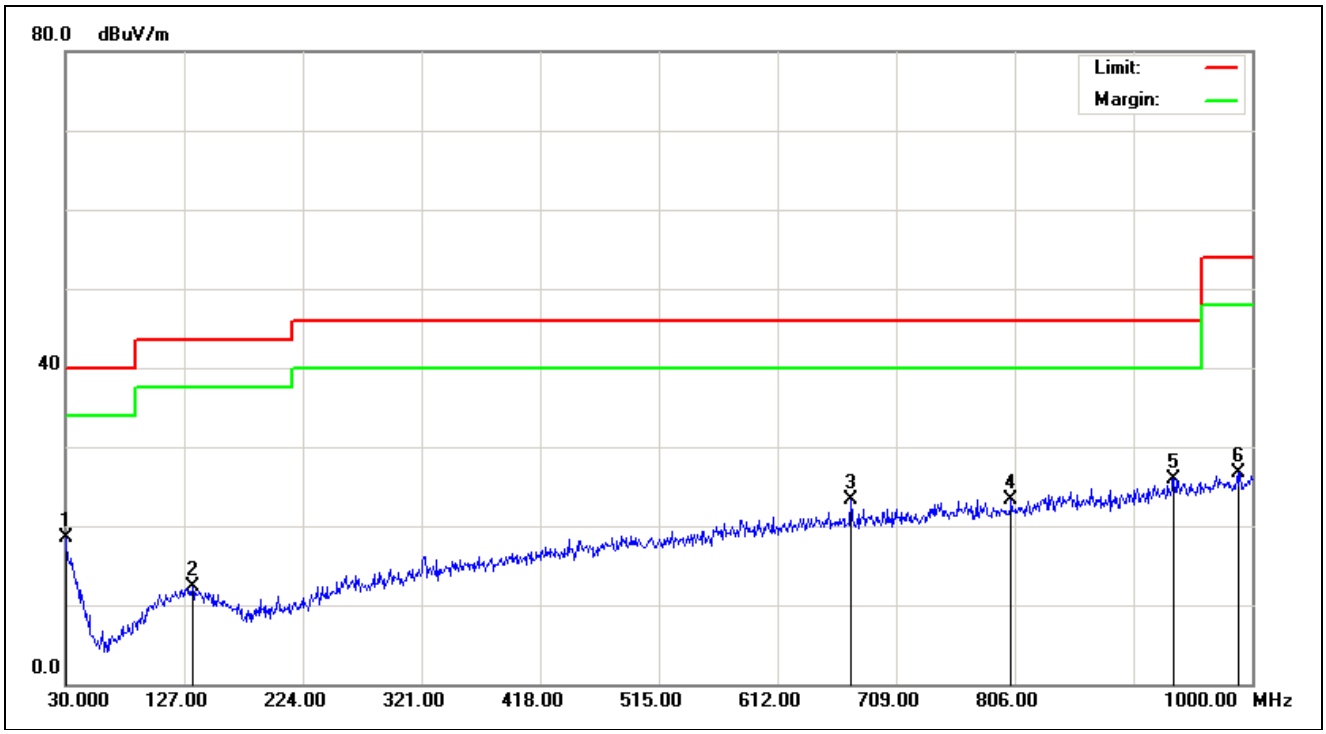

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 14:56:33**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.0000	-7.35	25.85	18.50	40.00	-21.50	QP	100	329	
2	133.7899	-14.20	26.51	12.31	43.50	-31.19	QP	100	80	
3	672.1400	-6.26	29.62	23.36	46.00	-22.64	QP	100	179	
4	803.0900	-4.51	27.90	23.39	46.00	-22.61	QP	100	153	
5	935.9800	-1.80	27.71	25.91	46.00	-20.09	QP	100	80	
6	988.3600	-0.92	27.64	26.72	54.00	-27.28	QP	100	291	

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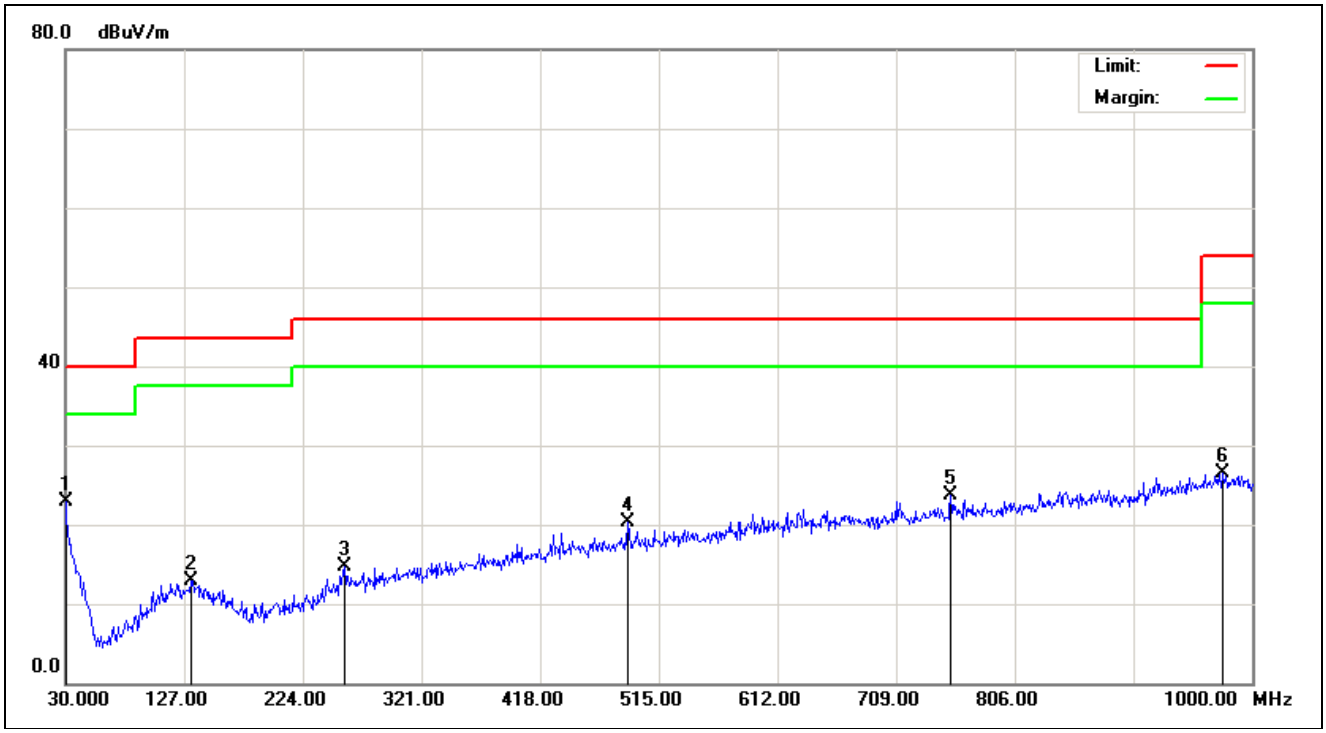

Service No.:	**114021724_ANT+_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/9/4 14:57:36**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**25(℃)/50%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2440MHz_RX**		
Remark:	Z		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.0000	-7.35	30.24	22.89	40.00	-17.11	QP	100	312	
2	132.8200	-14.20	27.09	12.89	43.50	-30.61	QP	100	351	
3	257.9500	-12.50	27.14	14.64	46.00	-31.36	QP	100	290	
4	489.7800	-8.69	28.93	20.24	46.00	-25.76	QP	100	94	
5	753.6200	-4.99	28.62	23.63	46.00	-22.37	QP	100	312	
6	975.7500	-1.07	27.53	26.46	54.00	-27.54	QP	100	207	

Spurious Emissions, RX Mode, 30M-1G

Mains Spurious Emissions

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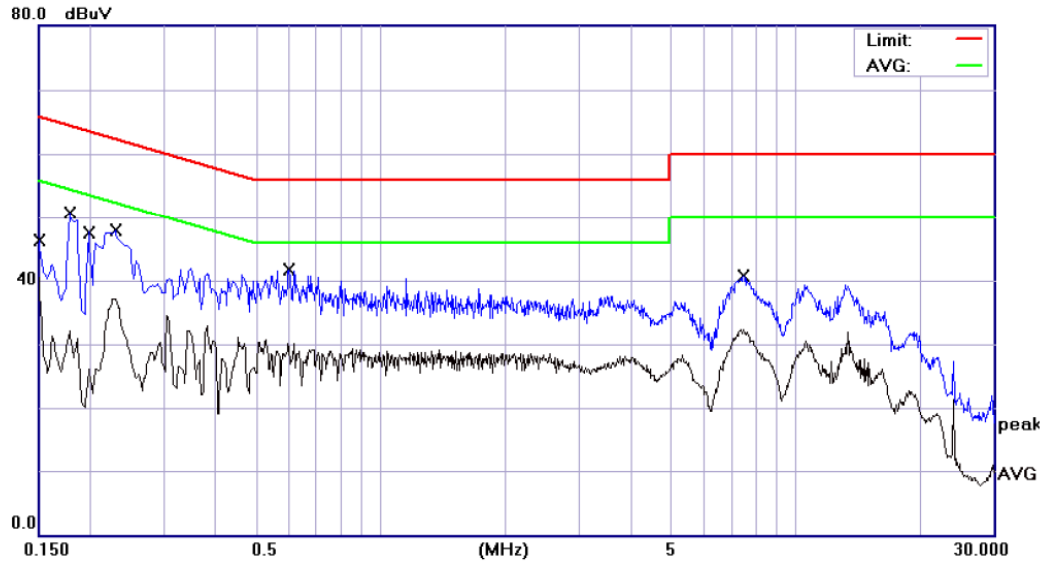
Site: Conduction

Test Time: 2014/7/9 09:49:33



Service No.: 114021724

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission

Phase: L1

Applicant: Goldtek

Temp.(℃)/Hum.(%): 26(℃) / 52 %

Product: Smart Watch

Power Rating: DC 5V from USB port

Model No.: GTI-W10

Test Engineer: Freeman Wang

Test Mode: (a)charge

Remark:

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	9.65	33.68	43.33	65.99	-22.66	QP	P	
2	0.1500	9.65	25.85	35.50	55.99	-20.49	AVG	P	
3	0.1780	9.63	37.09	46.72	64.57	-17.85	QP	P	
4	0.1780	9.63	17.92	27.55	54.57	-27.02	AVG	P	
5	0.1980	9.63	32.75	42.38	63.69	-21.31	QP	P	
6	0.1980	9.63	13.84	23.47	53.69	-30.22	AVG	P	
7	0.2300	9.63	34.09	43.72	62.45	-18.73	QP	P	
8	0.2300	9.63	25.46	35.09	52.45	-17.36	AVG	P	
9	0.6020	9.63	25.47	35.10	56.00	-20.90	QP	P	
10	0.6020	9.63	18.39	28.02	46.00	-17.98	AVG	P	
11	7.5100	9.73	25.65	35.38	60.00	-24.62	QP	P	
12	7.5100	9.73	20.20	29.93	50.00	-20.07	AVG	P	

File:114021724\ #1 *Page: 1*

Spurious Emissions, Mains, 150kHz - 30MHz

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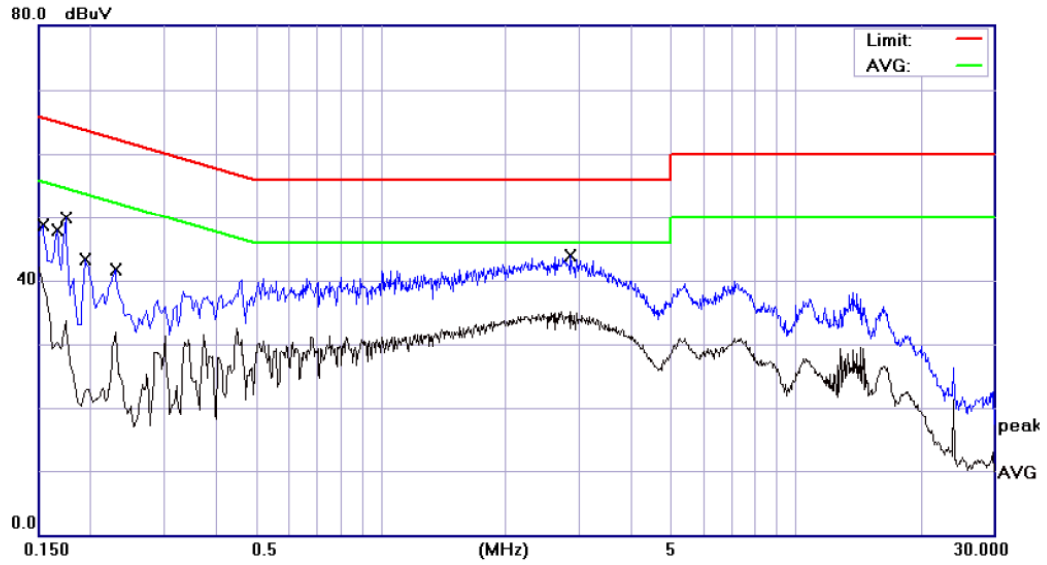
Site: Conduction

Test Time: 2014/7/9 09:52:04



Service No.: 114021724

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission

Phase: N

Applicant: Goldtek

Temp.(℃)/Hum.(%): 26(℃) / 52 %

Product: Smart Watch

Power Rating: DC 5V from USB port

Model No.: GTI-W10

Test Engineer: Freeman Wang

Test Mode: (a)charge

Remark:

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1539	9.66	33.57	43.23	65.78	-22.55	QP	P	
2	0.1539	9.66	24.96	34.62	55.78	-21.16	AVG	P	
3	0.1660	9.66	35.64	45.30	65.15	-19.85	QP	P	
4	0.1660	9.66	18.92	28.58	55.15	-26.57	AVG	P	
5	0.1740	9.66	34.81	44.47	64.76	-20.29	QP	P	
6	0.1740	9.66	18.28	27.94	54.76	-26.82	AVG	P	
7	0.1940	9.65	28.83	38.48	63.86	-25.38	QP	P	
8	0.1940	9.65	11.45	21.10	53.86	-32.76	AVG	P	
9	0.2300	9.65	25.82	35.47	62.45	-26.98	QP	P	
10	0.2300	9.65	17.87	27.52	52.45	-24.93	AVG	P	
11	2.8740	9.68	29.17	38.85	56.00	-17.15	QP	P	
12	2.8740	9.68	23.50	33.18	46.00	-12.82	AVG	P	

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Spurious Emissions, Mains, 150kHz - 30MHz