Test Report No.10048101 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10048101AppendixD)

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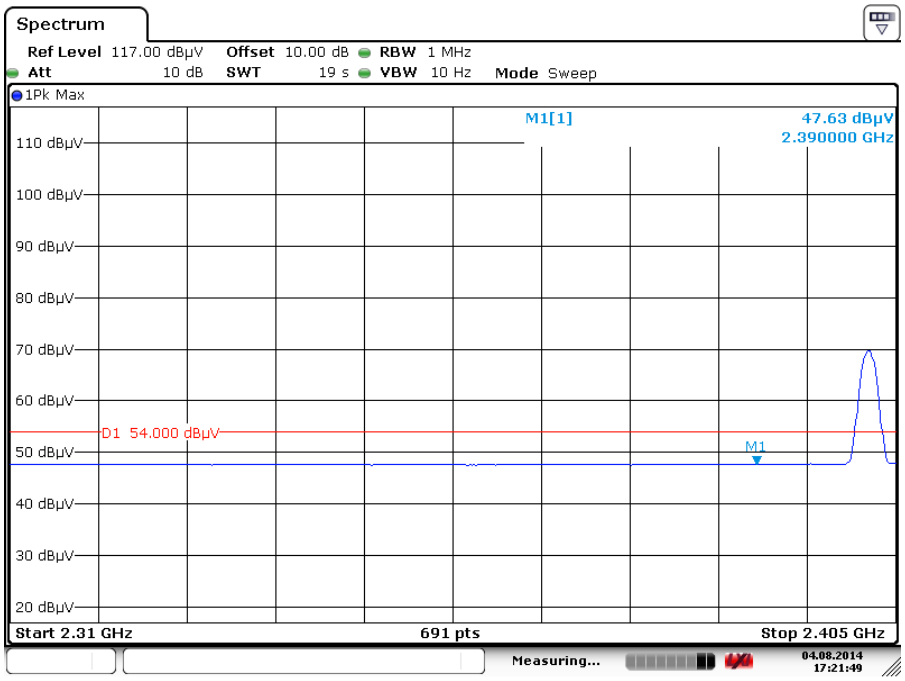
Radiated Bandedge (GFSK)

Low Channel (Hor)



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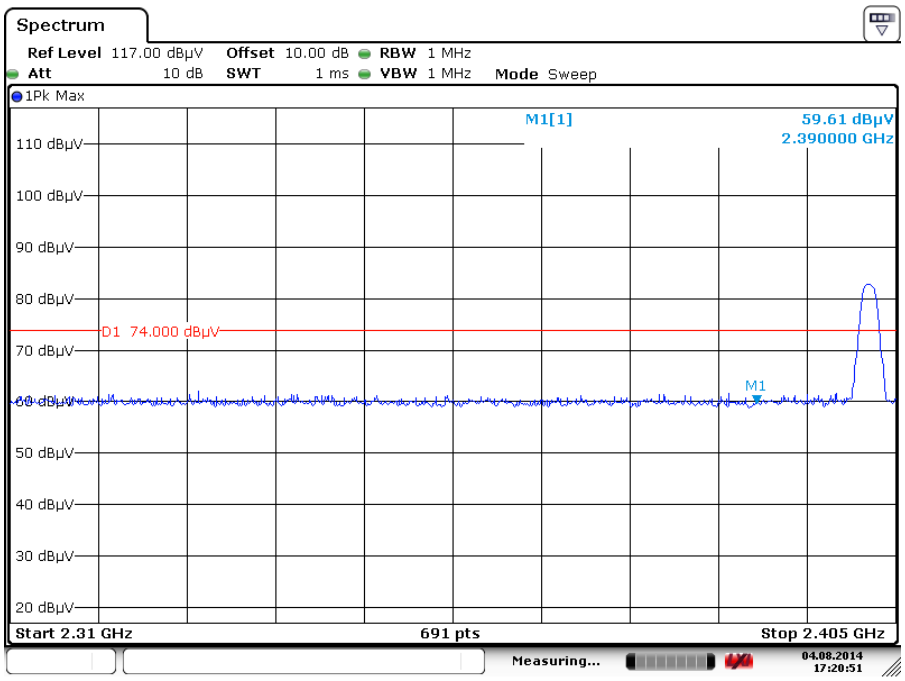

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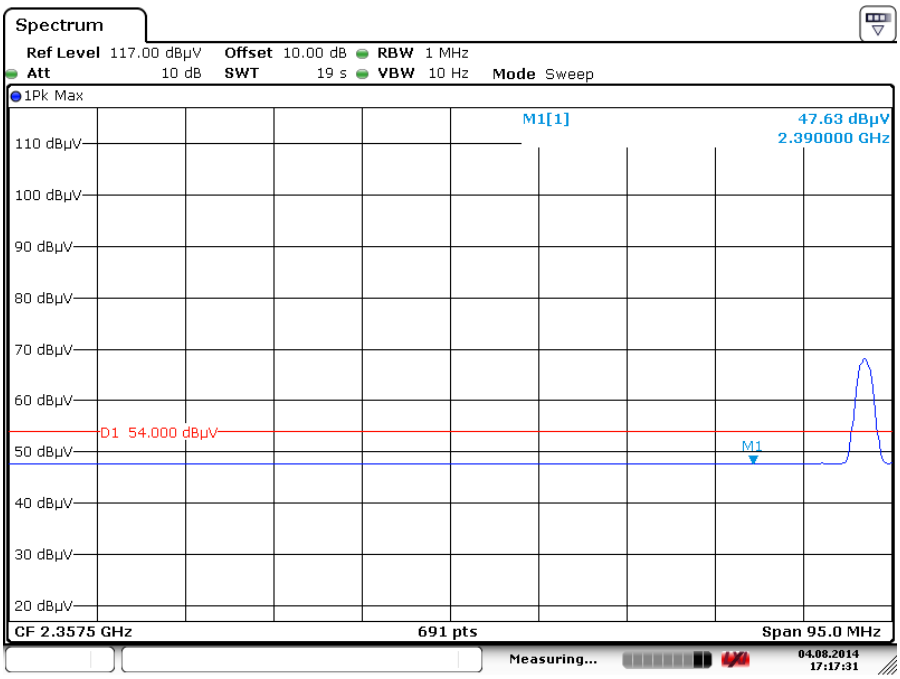
Low Channel (Ver)



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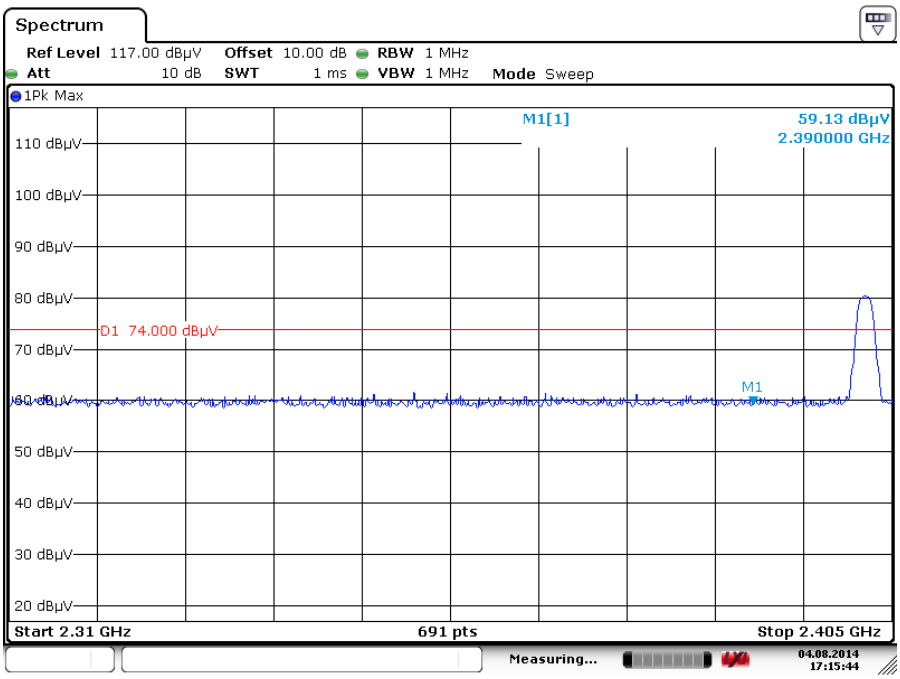

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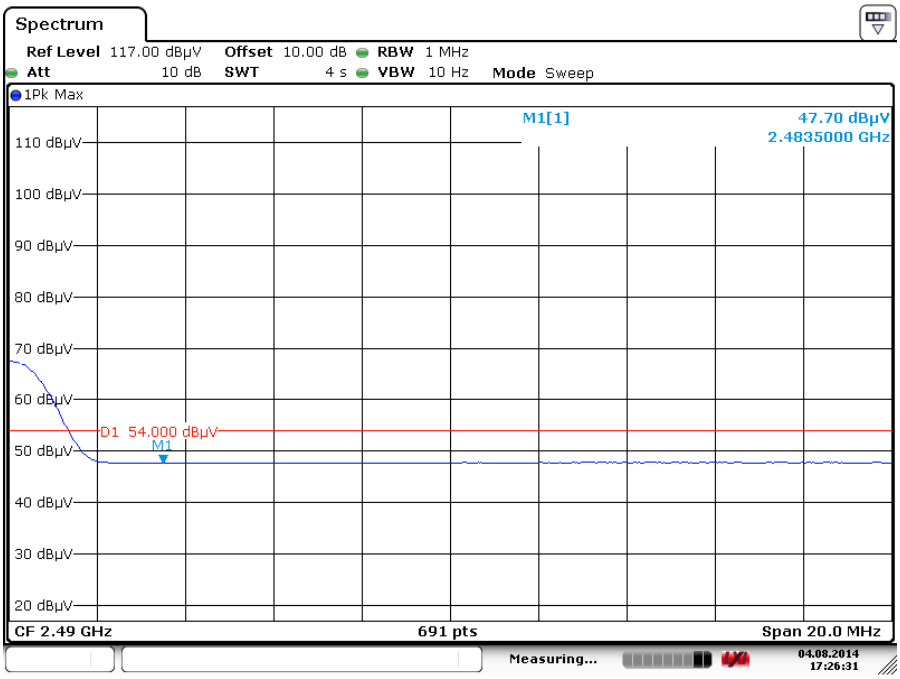
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (GFSK)

High Channel (Hor)



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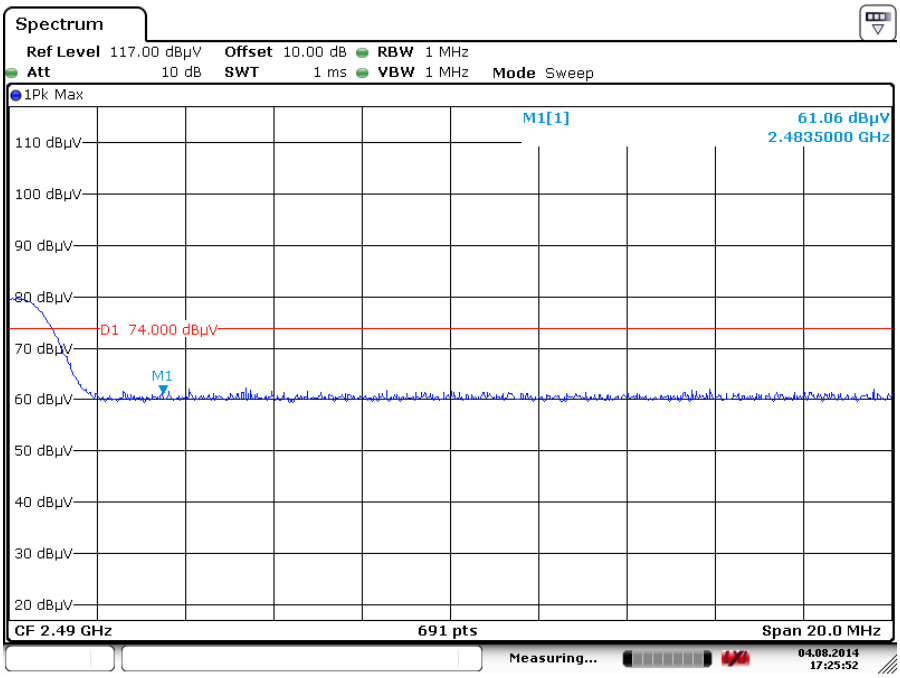

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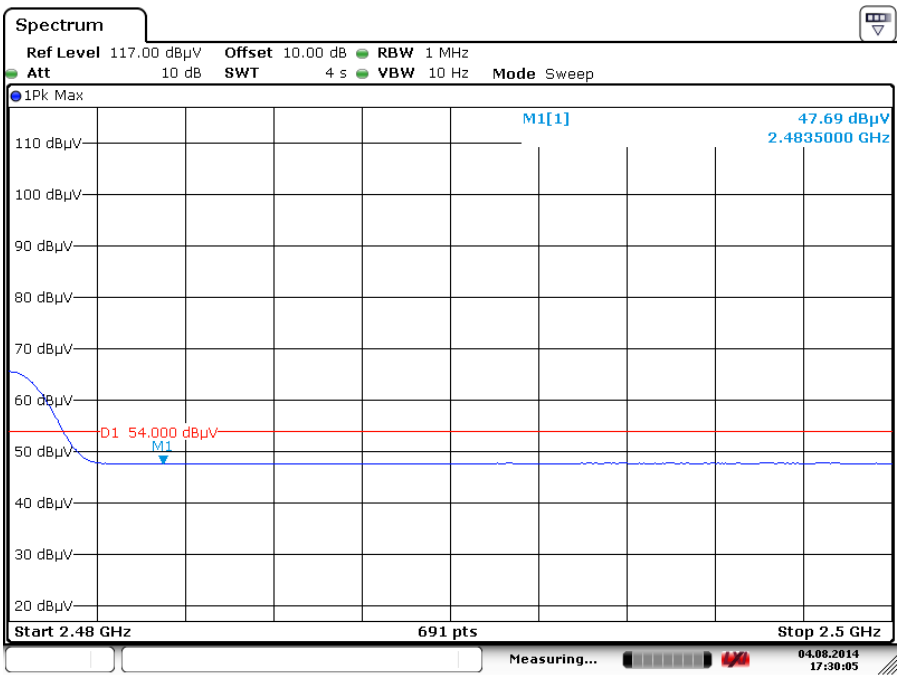
High Channel (Ver)



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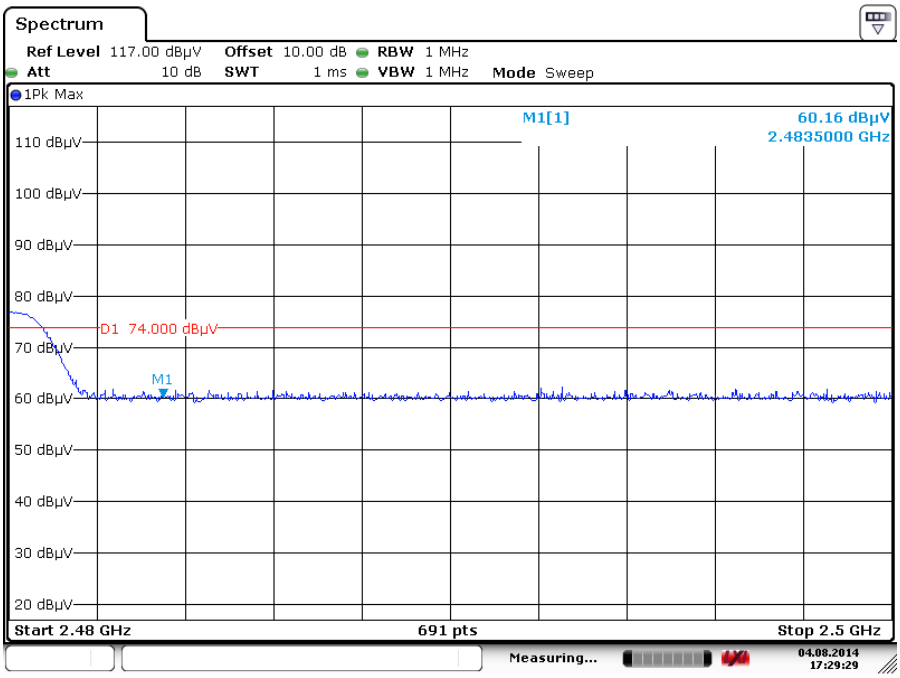

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Spurious Emissions, Band Edge, 2.35-2.5G

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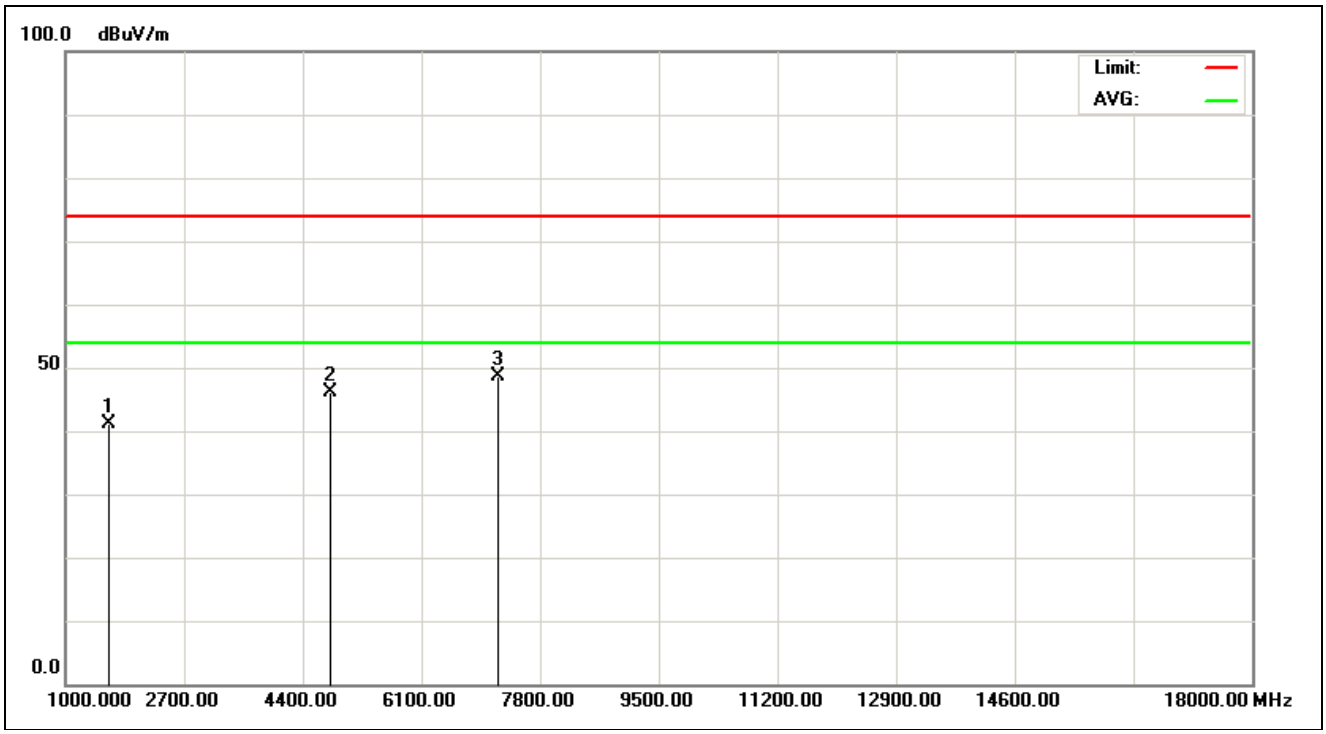

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:25:45**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1626.602	-9.85	51.08	41.23	74.00	-32.77	peak			
2	4804.000	-2.59	48.65	46.06	74.00	-27.94	peak			
3	7206.000	5.44	43.19	48.63	74.00	-25.37	peak			

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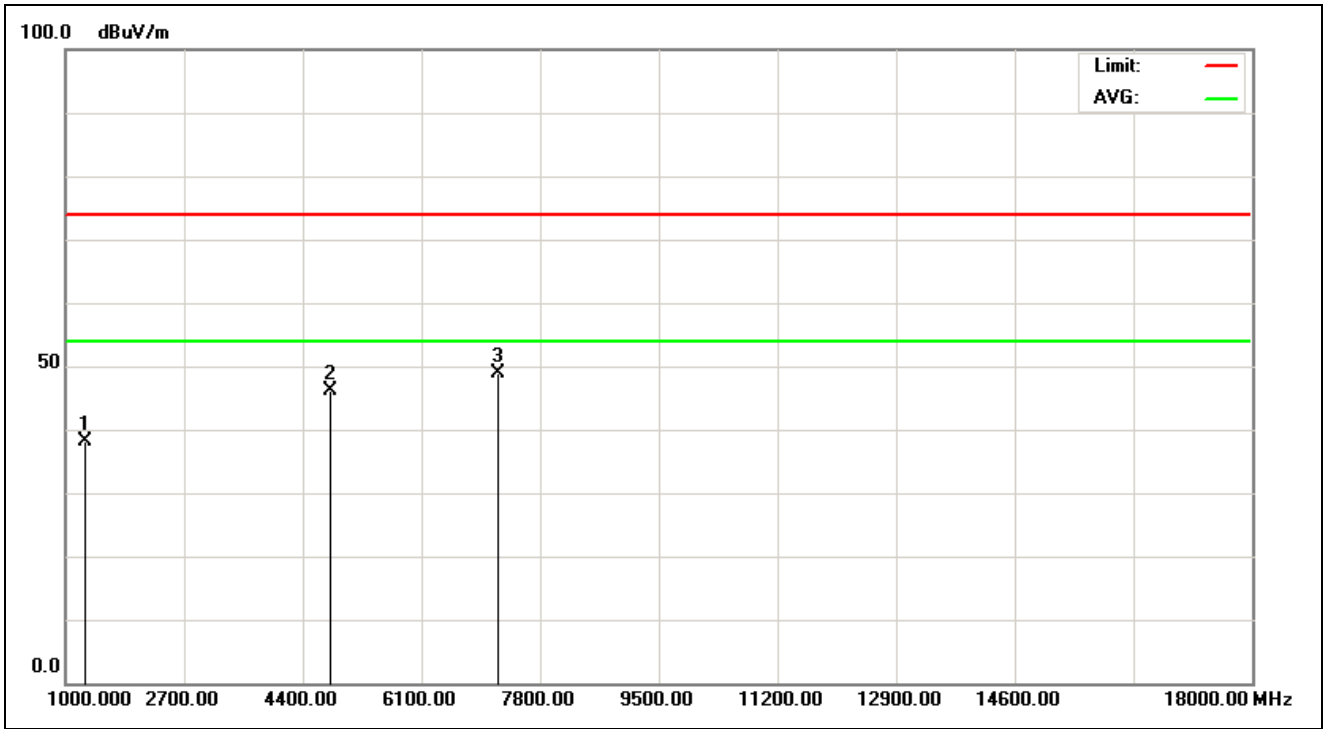

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:26:48**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1272.436	-10.02	48.23	38.21	74.00	-35.79	peak			
2	4804.000	-2.59	48.70	46.11	74.00	-27.89	peak			
3	7206.000	5.44	43.46	48.90	74.00	-25.10	peak			

Spurious Emissions, TX Mode, 1-18G

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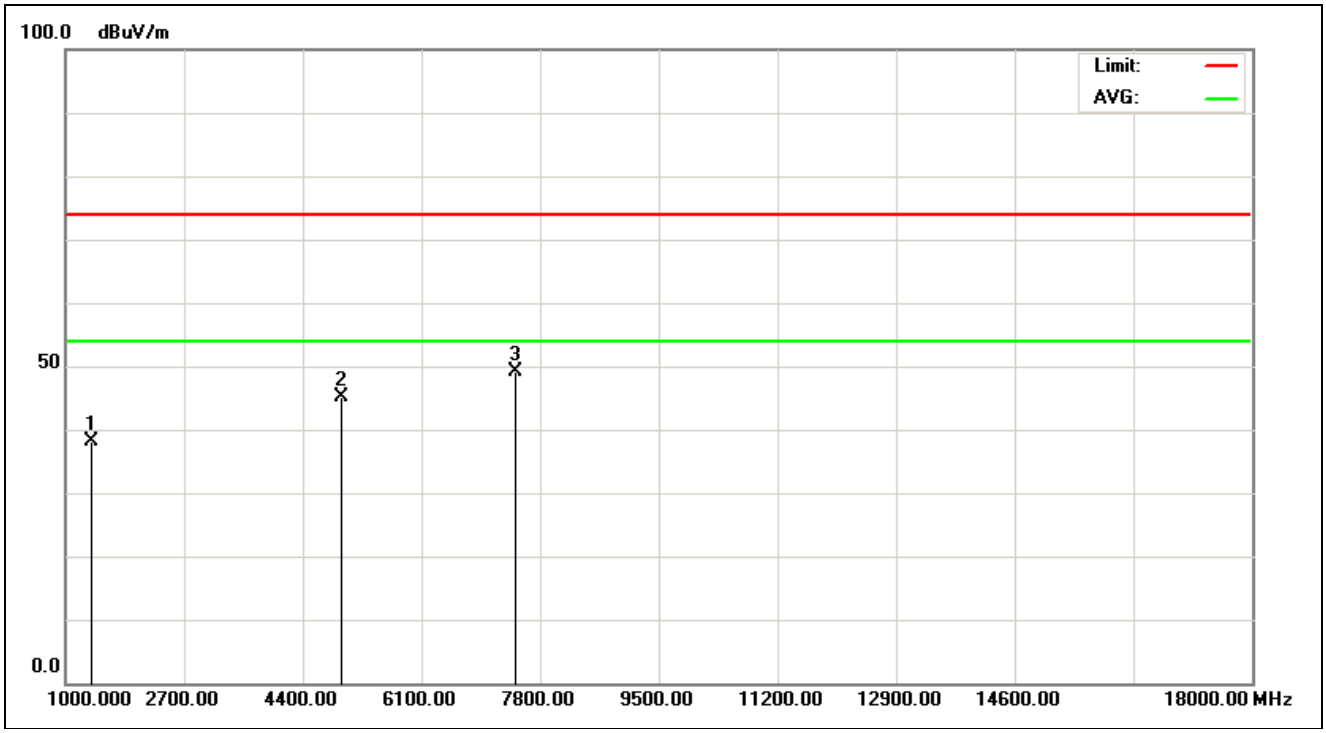

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:29:27**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1381.410	-10.33	48.35	38.02	74.00	-35.98	peak			
2	4960.000	-2.19	47.30	45.11	74.00	-28.89	peak			
3	7440.000	6.09	42.96	49.05	74.00	-24.95	peak			

Spurious Emissions, TX Mode, 1-18G

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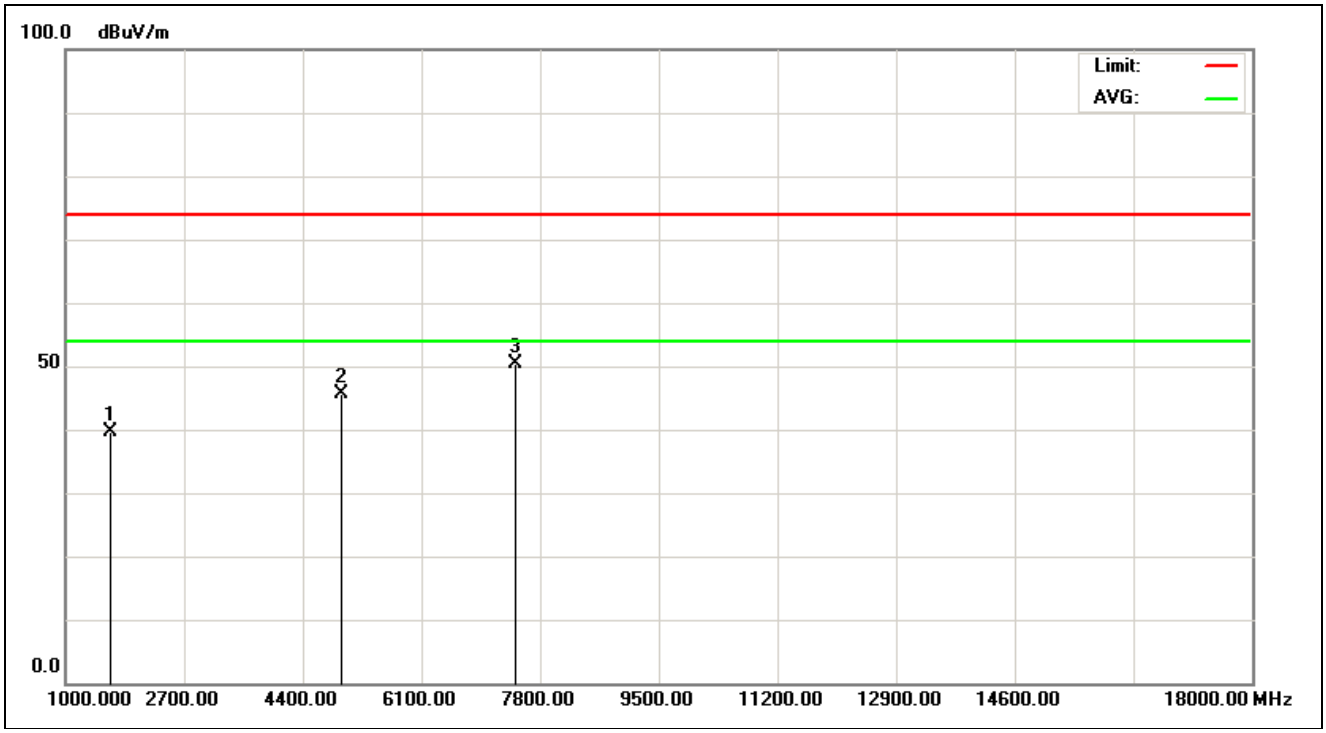

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:30:30**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1653.846	-9.67	49.19	39.52	74.00	-34.48	peak			
2	4960.000	-2.19	47.85	45.66	74.00	-28.34	peak			
3	7440.000	6.09	44.27	50.36	74.00	-23.64	peak			

Spurious Emissions, TX Mode, 1-18G

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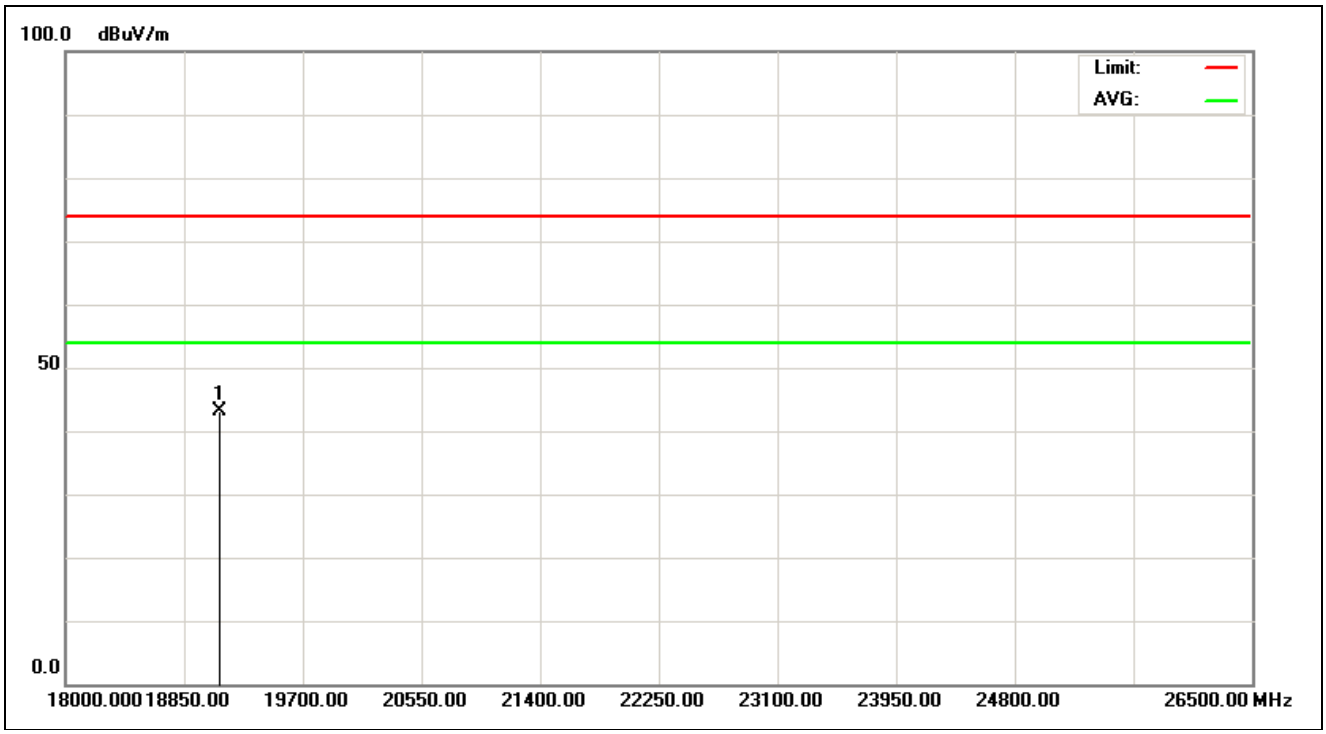

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:56:59**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	19103.365	29.75	13.35	43.10	74.00	-30.90	peak	100	280	

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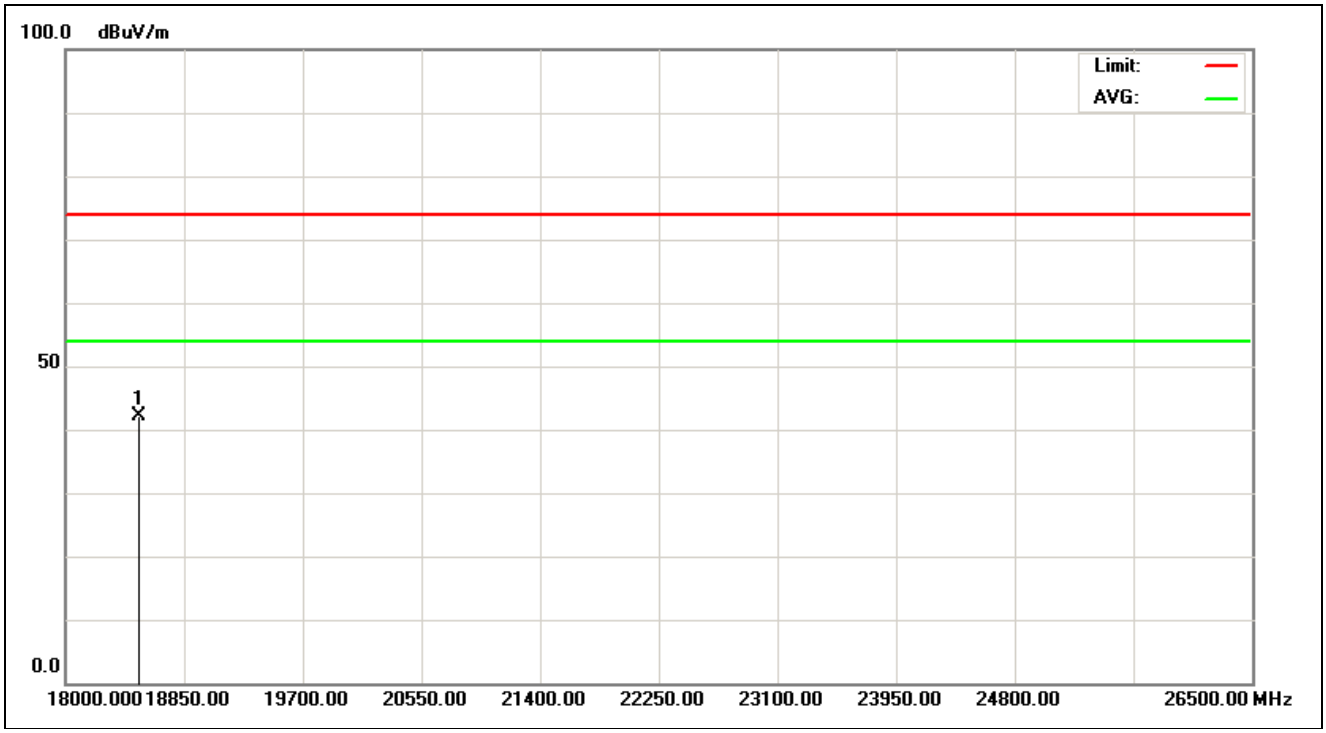

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:58:01**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	18531.250	28.54	13.48	42.02	74.00	-31.98	peak	100	205	

Spurious Emissions, TX Mode, 18-26G

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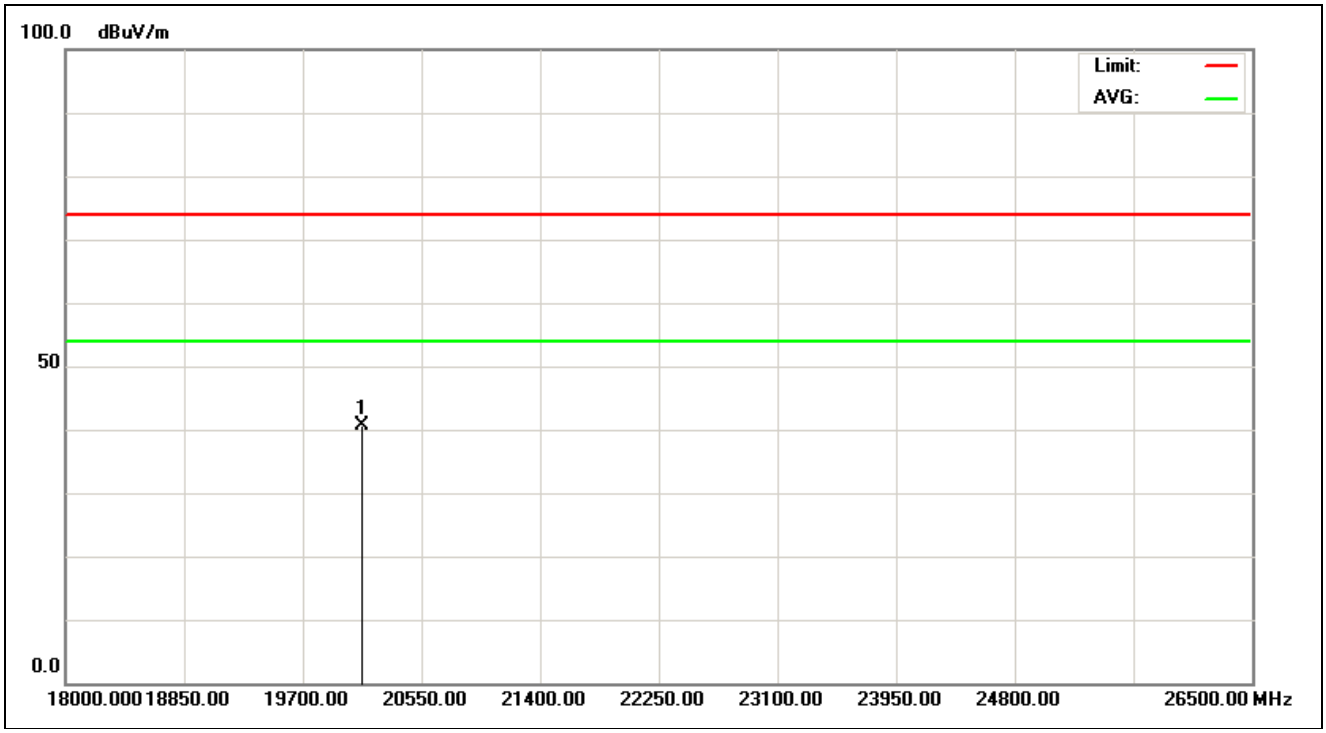

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:58:41**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	20125.000	29.38	11.18	40.56	74.00	-33.44	peak			

Spurious Emissions, TX Mode, 18-26G

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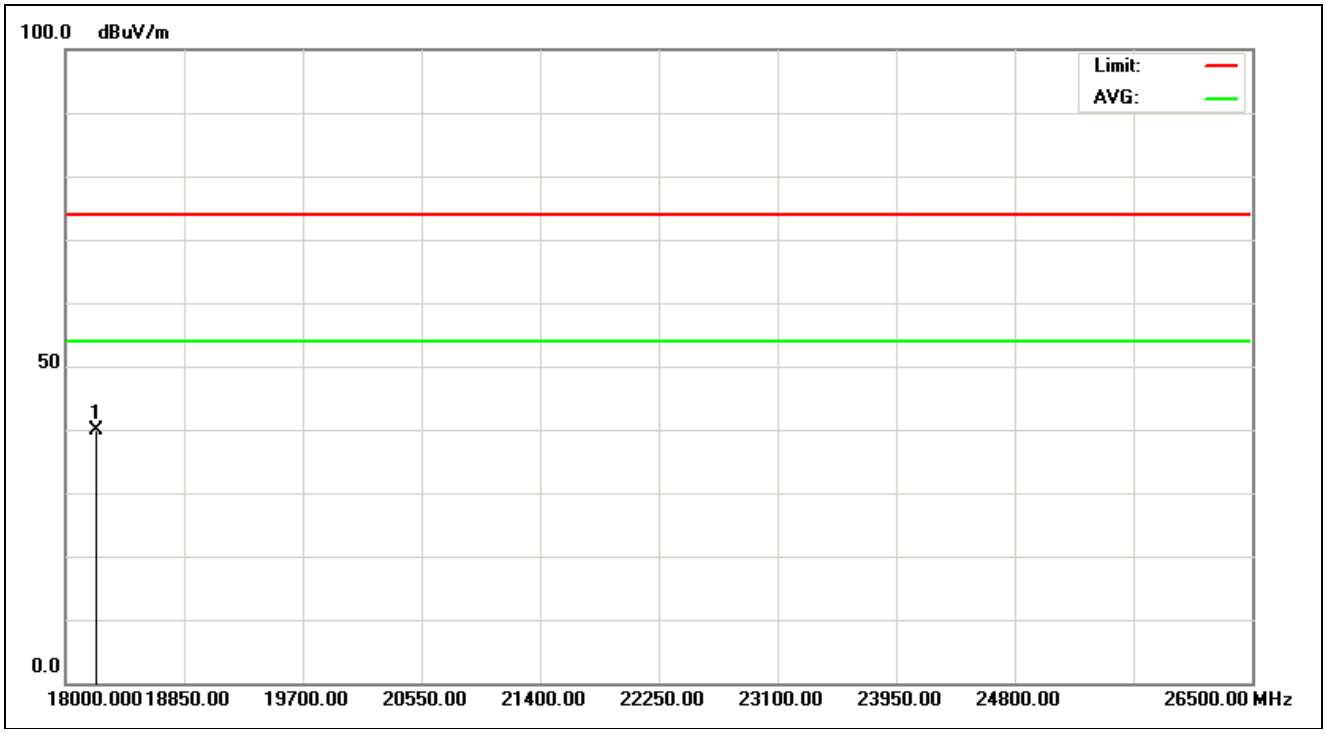

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:58:50**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	18217.949	28.56	11.31	39.87	74.00	-34.13	peak			

Spurious Emissions, TX Mode, 18-26G

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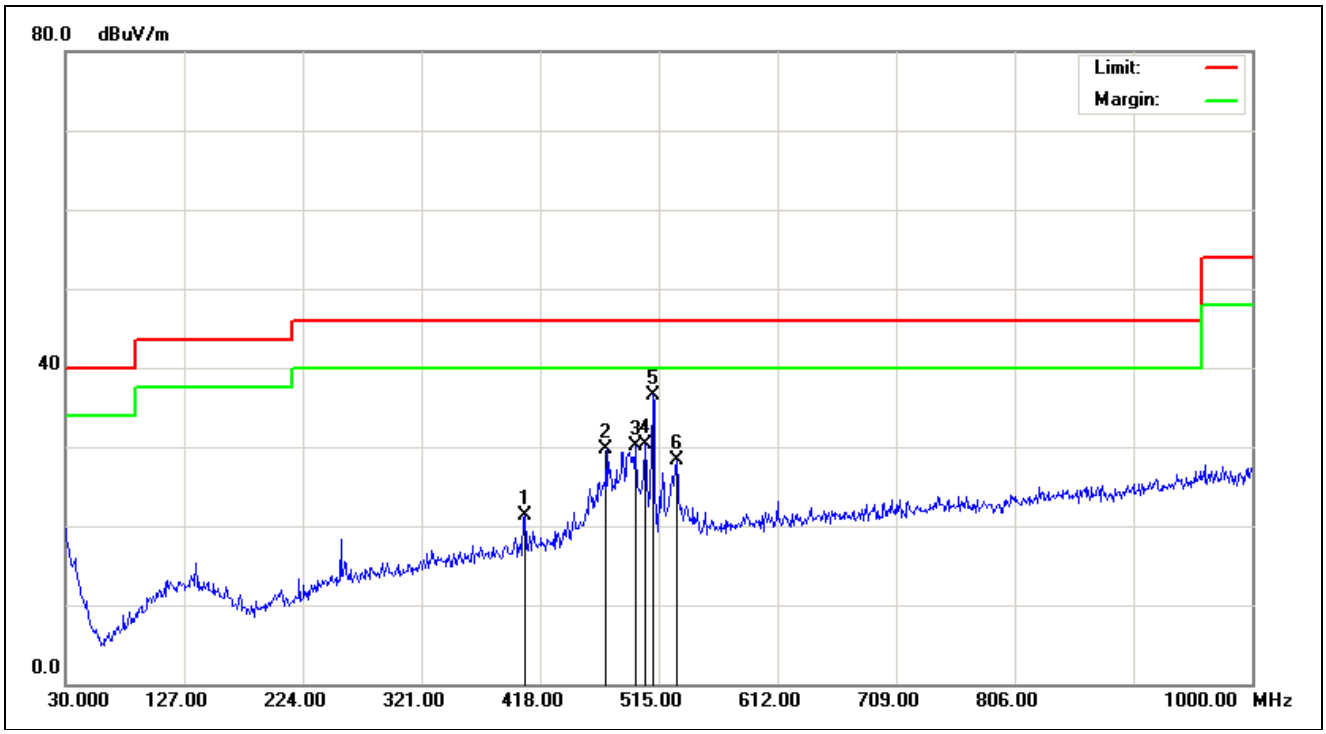

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:02:39**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	405.3899	-8.64	29.96	21.32	46.00	-24.68	QP	100	104	
2	472.3199	-7.71	37.36	29.65	46.00	-16.35	QP	200	131	
3	495.6000	-7.37	37.44	30.07	46.00	-15.93	QP	200	269	
4	503.3600	-7.28	37.64	30.36	46.00	-15.64	QP	200	293	
5	510.1499	-7.24	43.84	36.60	46.00	-9.40	QP	200	283	
6	529.5499	-7.11	35.48	28.37	46.00	-17.63	QP	200	250	

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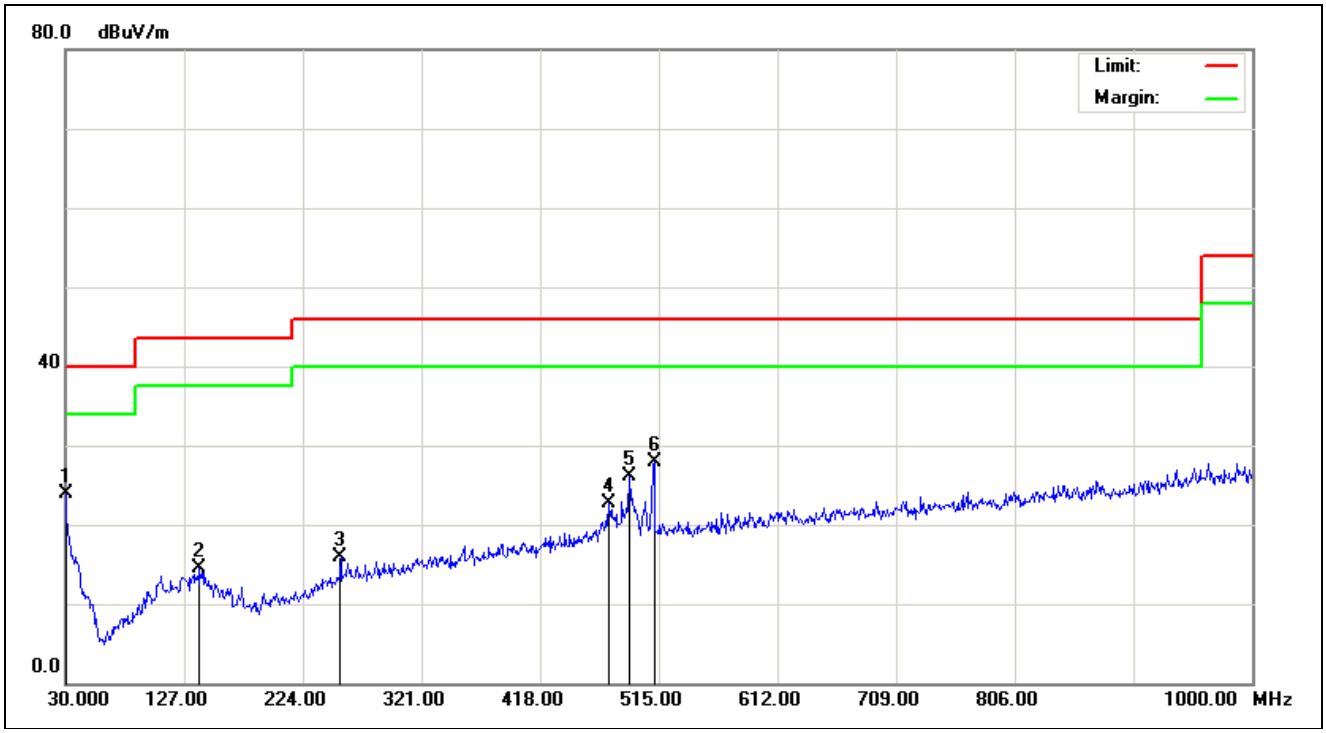

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:04:58**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	-5.85	29.68	23.83	40.00	-16.17	QP	100	333	
2	139.6100	-12.68	27.17	14.49	43.50	-29.01	QP	200	147	
3	255.0399	-11.22	27.08	15.86	46.00	-30.14	QP	200	139	
4	474.2600	-7.70	30.33	22.63	46.00	-23.37	QP	200	200	
5	490.7500	-7.44	33.49	26.05	46.00	-19.95	QP	200	2	
6	511.1200	-7.23	35.10	27.87	46.00	-18.13	QP	200	203	

Spurious Emissions, TX Mode, 30M-1G

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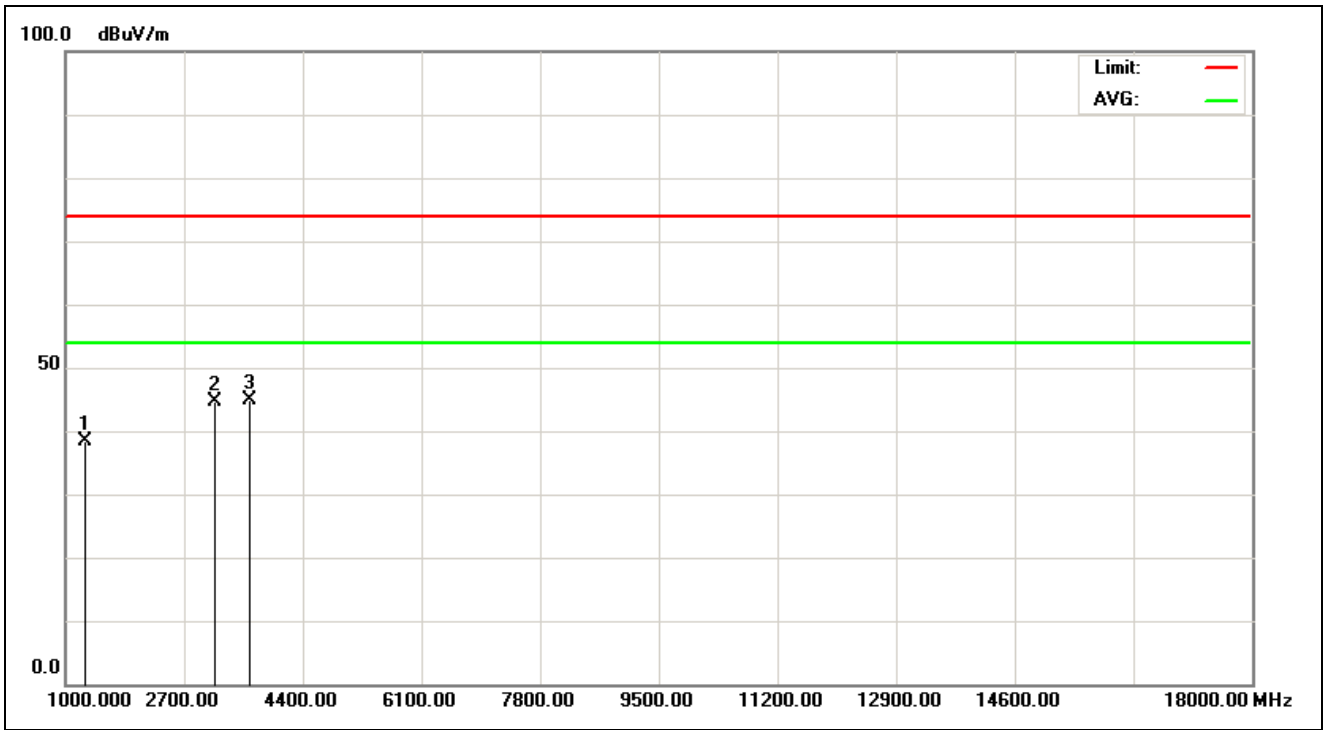

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:33:15**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1272.436	-10.02	48.29	38.27	74.00	-35.73	peak			
2	3152.244	-6.08	50.81	44.73	74.00	-29.27	peak			
3	3642.628	-5.55	50.52	44.97	74.00	-29.03	peak			

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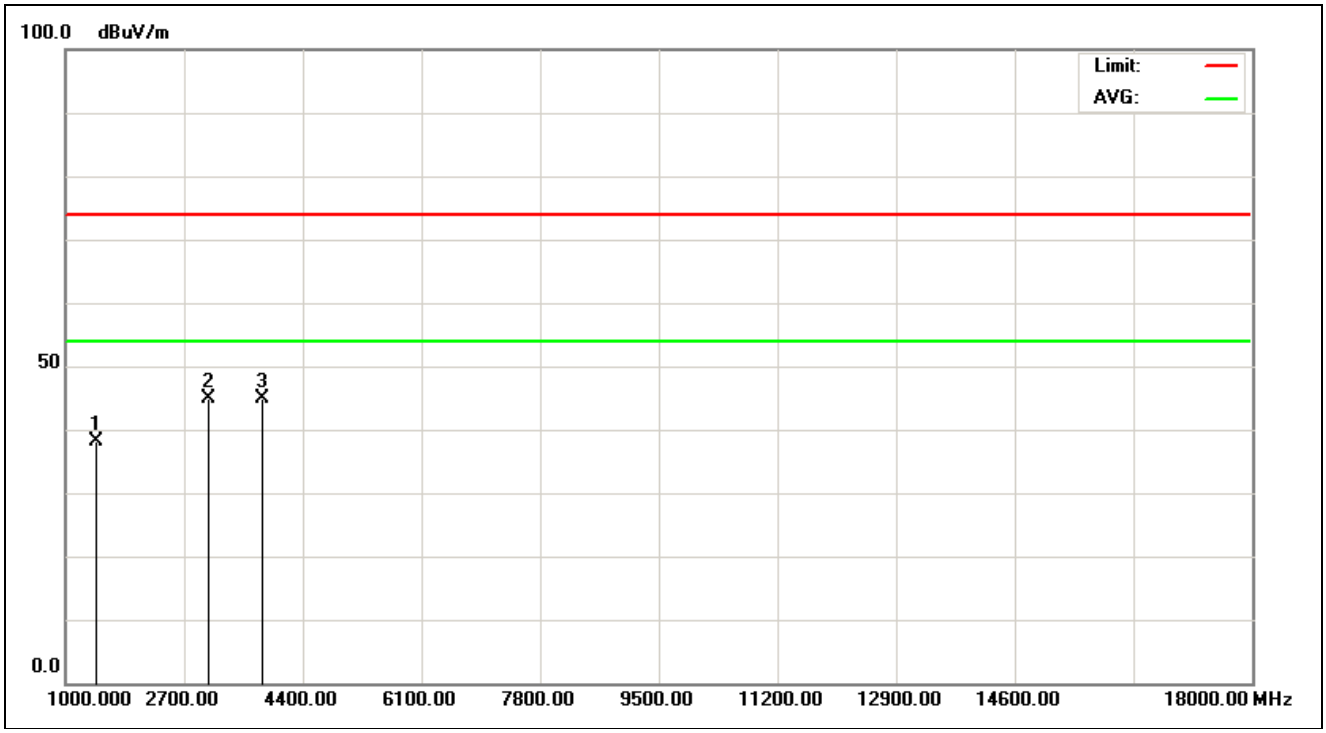

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:34:17**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1435.897	-10.48	48.58	38.10	74.00	-35.90	peak			
2	3043.269	-6.21	51.17	44.96	74.00	-29.04	peak			
3	3833.333	-5.41	50.26	44.85	74.00	-29.15	peak			

Spurious Emissions, RX Mode, 1-18G

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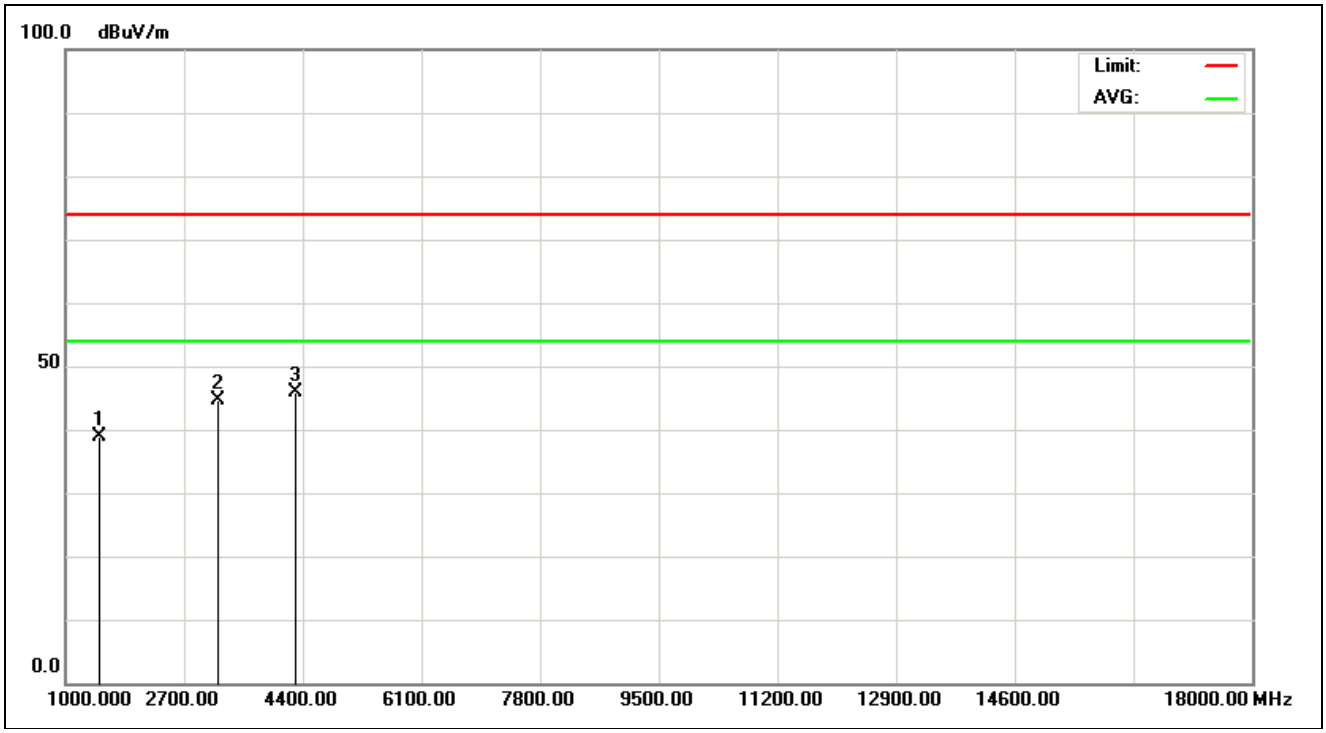

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:35:36**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	1490.385	-10.63	49.43	38.80	74.00	-35.20	peak			
2	3179.487	-6.06	50.62	44.56	74.00	-29.44	peak			
3	4296.474	-4.16	50.02	45.86	74.00	-28.14	peak			

Spurious Emissions, RX Mode, 1-18G

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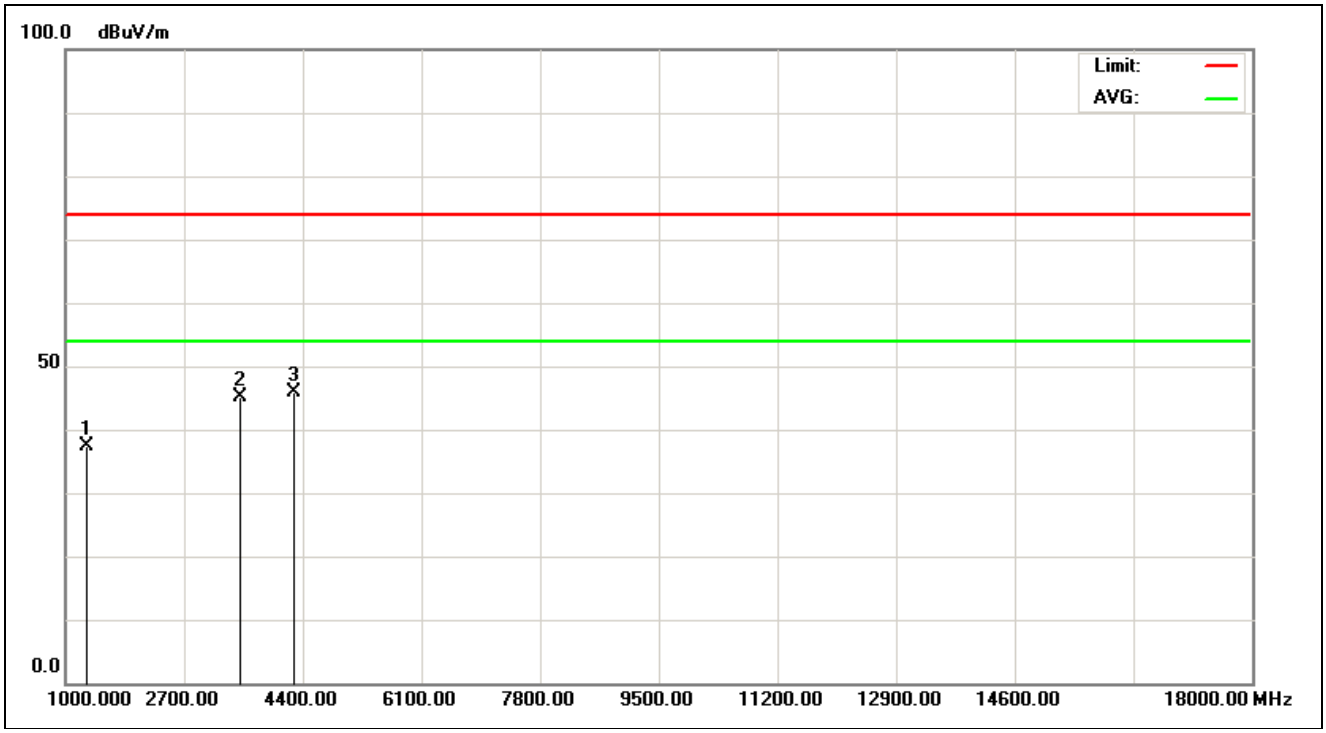

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:36:39**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	1299.679	-10.10	47.59	37.49	74.00	-36.51	peak			
2	3506.410	-5.64	50.67	45.03	74.00	-28.97	peak			
3	4269.231	-4.26	50.24	45.98	74.00	-28.02	peak			

Spurious Emissions, RX Mode, 1-18G

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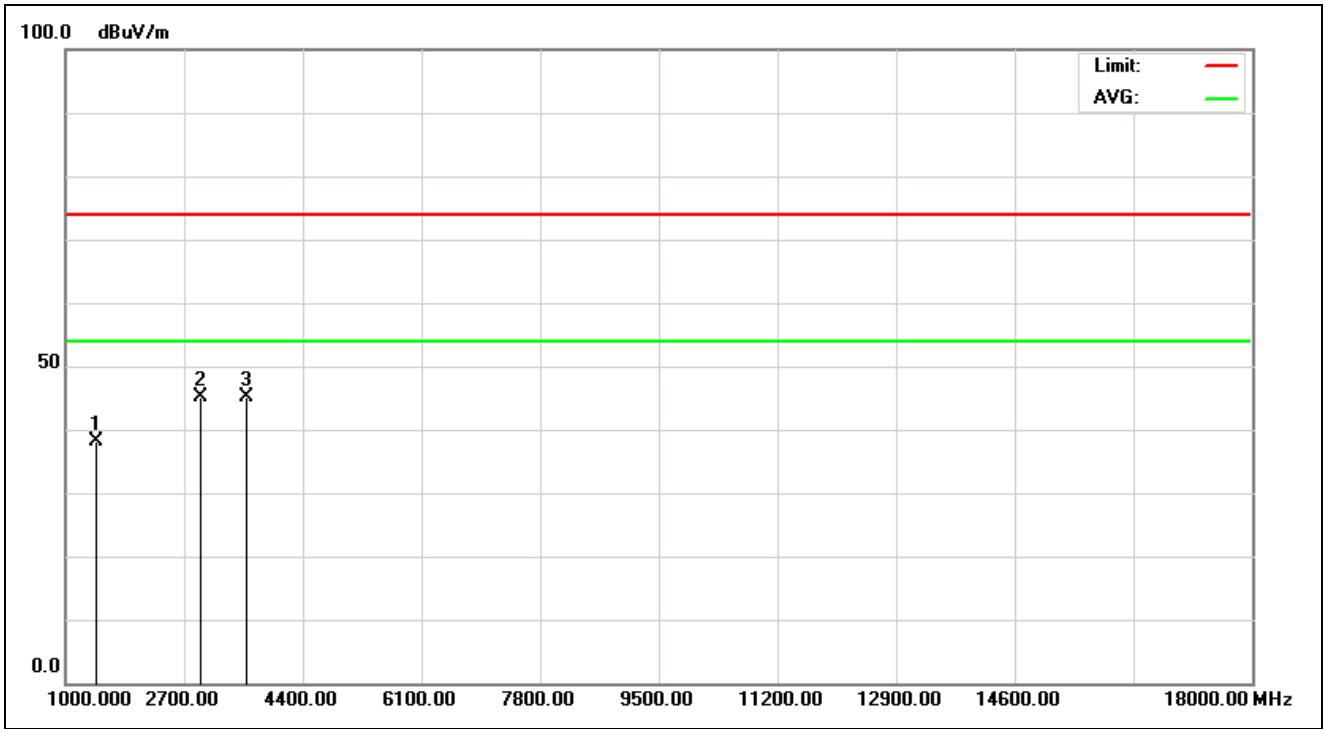

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:38:20**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1435.897	-10.48	48.50	38.02	74.00	-35.98	peak	100	229	
2	2934.295	-6.38	51.44	45.06	74.00	-28.94	peak	100	336	
3	3588.141	-5.57	50.68	45.11	74.00	-28.89	peak	100	248	

Spurious Emissions, RX Mode, 1-18G

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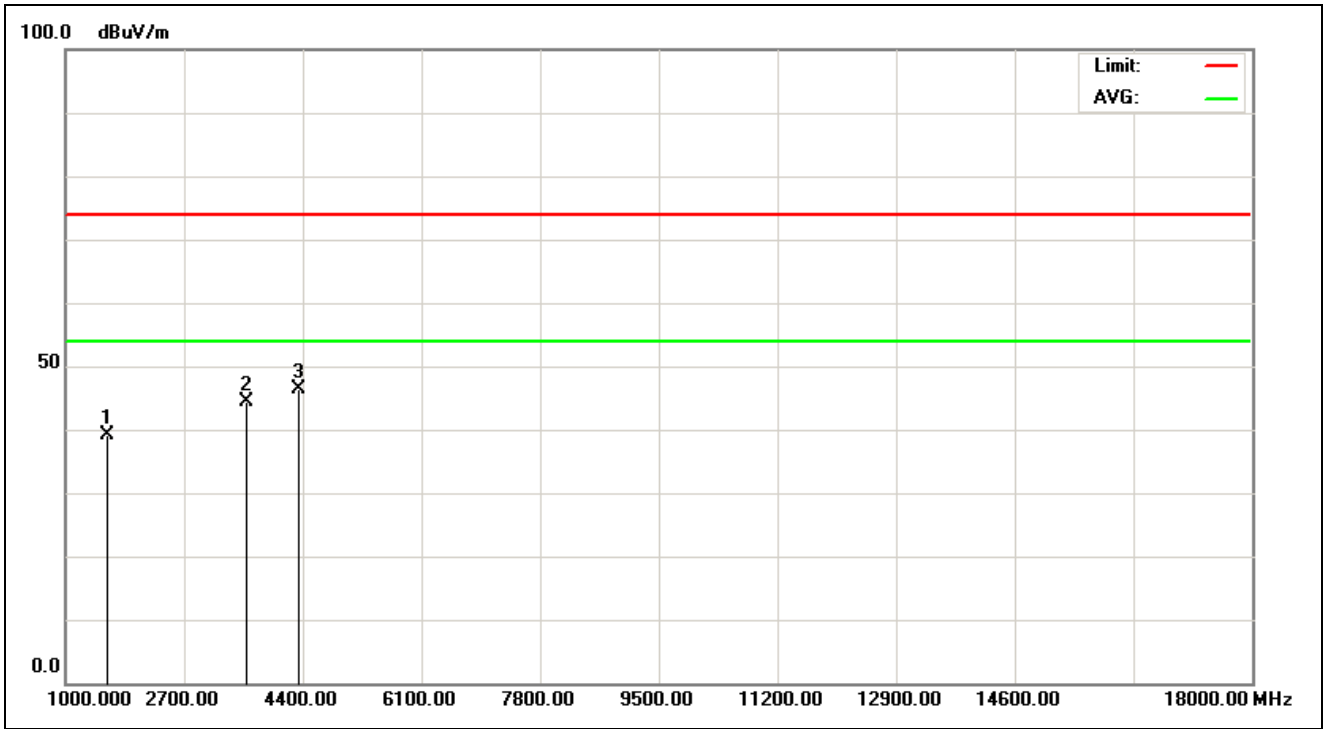

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:39:22**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	1599.359	-10.03	49.09	39.06	74.00	-34.94	peak	100	109	
2	3588.141	-5.57	49.97	44.40	74.00	-29.60	peak	100	107	
3	4350.962	-3.94	50.20	46.26	74.00	-27.74	peak	100	64	

Spurious Emissions, RX Mode, 1-18G

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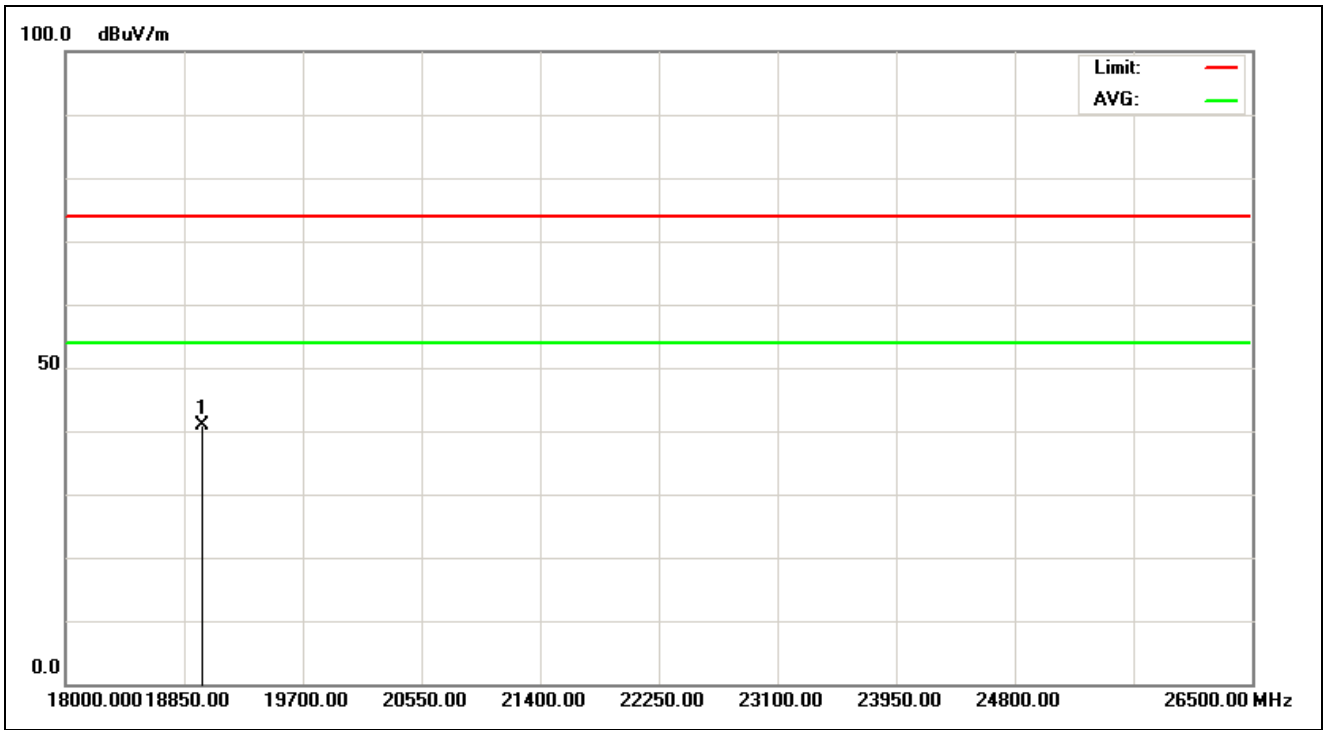

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:59:07**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	18980.769	29.93	10.97	40.90	74.00	-33.10	peak			

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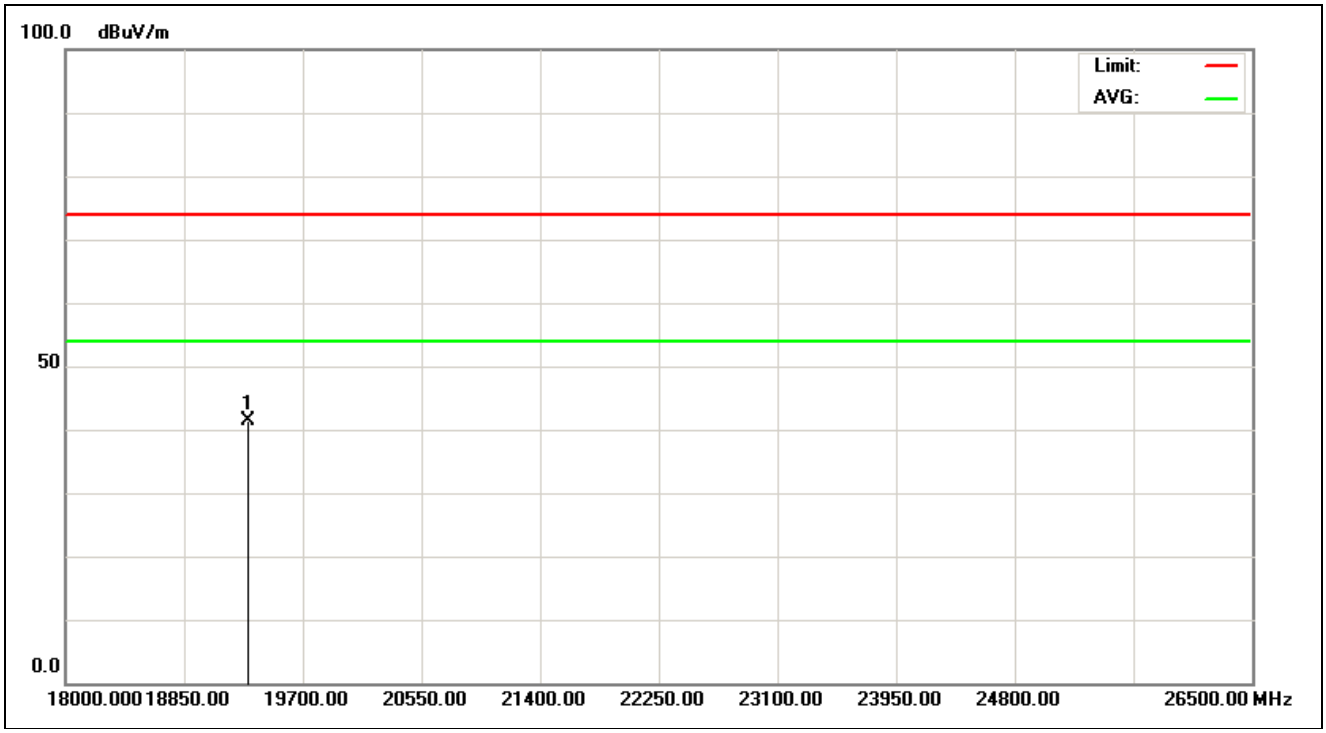

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:59:17**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	19307.692	29.30	12.08	41.38	74.00	-32.62	peak			

Spurious Emissions, RX Mode, 18-26G

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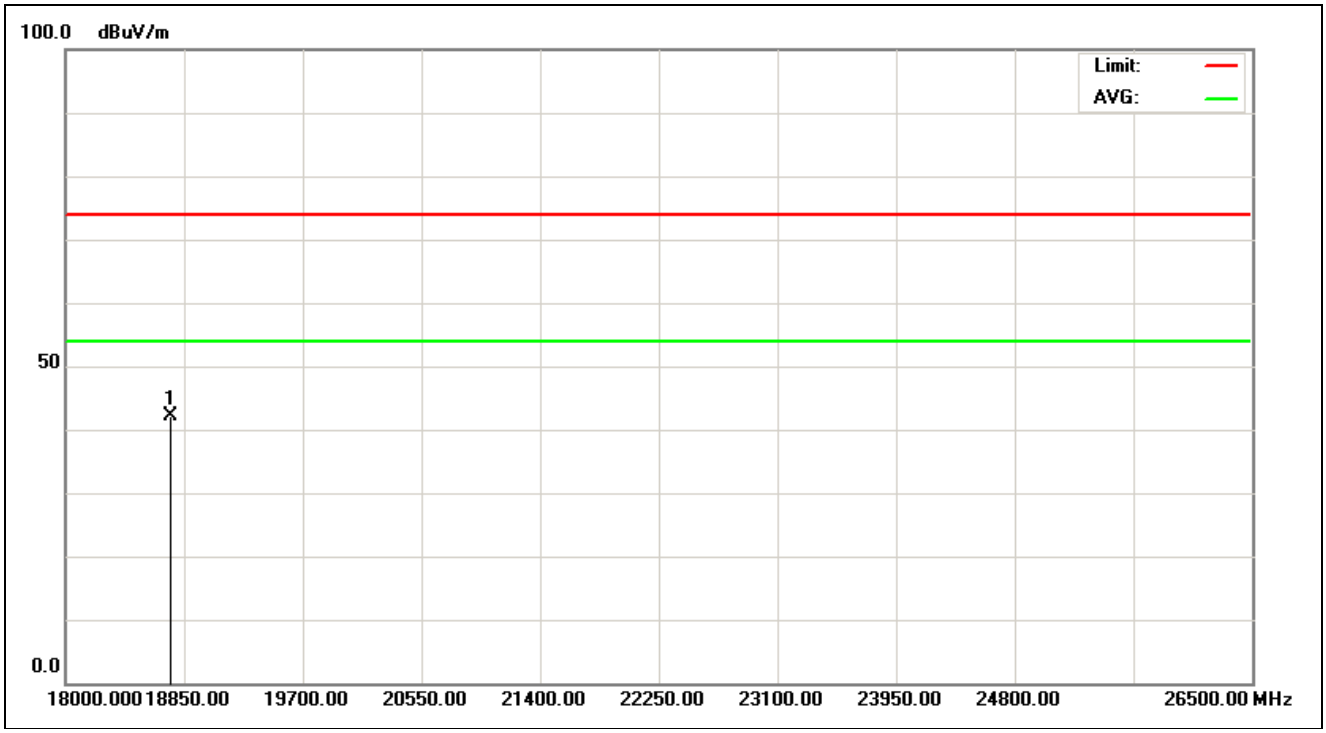

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:59:35**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	18749.199	29.21	12.92	42.13	74.00	-31.87	peak			

Spurious Emissions, RX Mode, 18-26G

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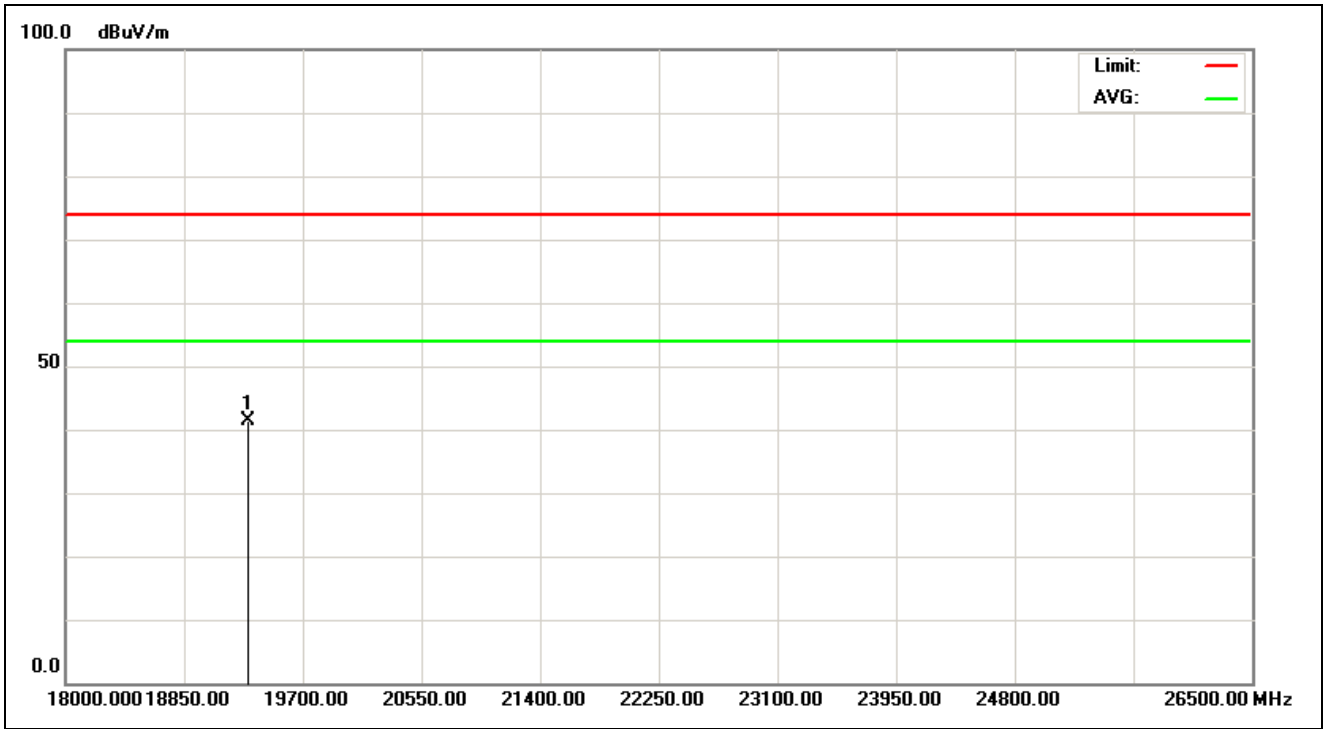

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:59:44**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	19307.692	29.30	12.13	41.43	74.00	-32.57	peak			

Spurious Emissions, RX Mode, 18-26G

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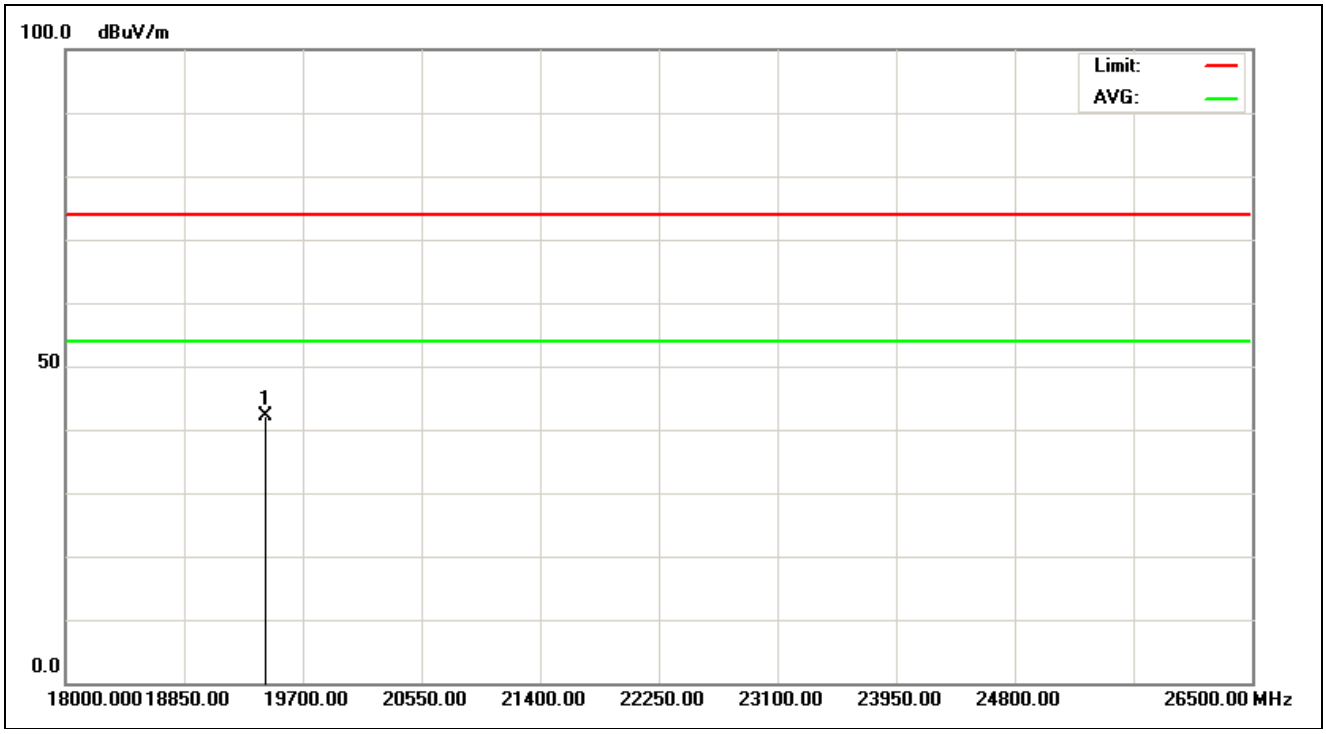

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 11:00:03**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	19430.288	29.02	13.12	42.14	74.00	-31.86	peak			

Spurious Emissions, RX Mode, 18-26G

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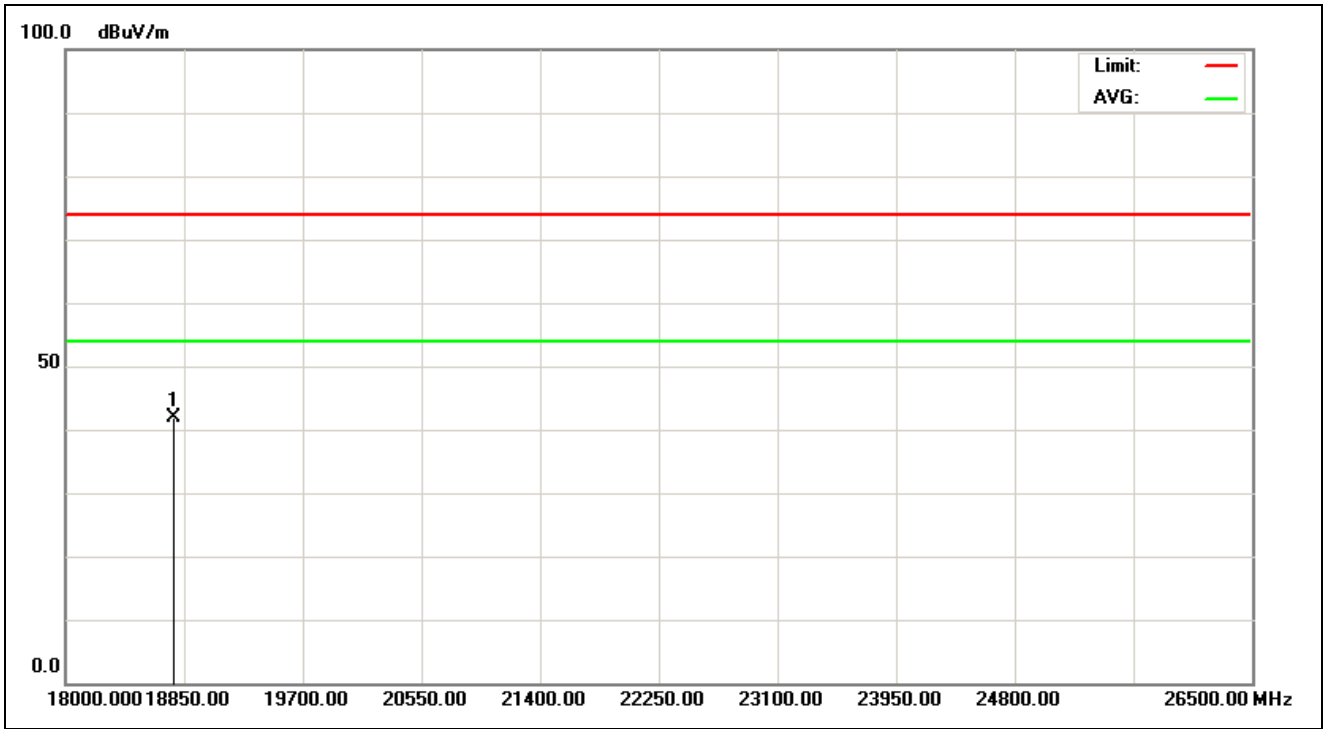

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 11:00:17**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
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	18776.442	29.29	12.61	41.90	74.00	-32.10	peak			

Spurious Emissions, RX Mode, 18-26G

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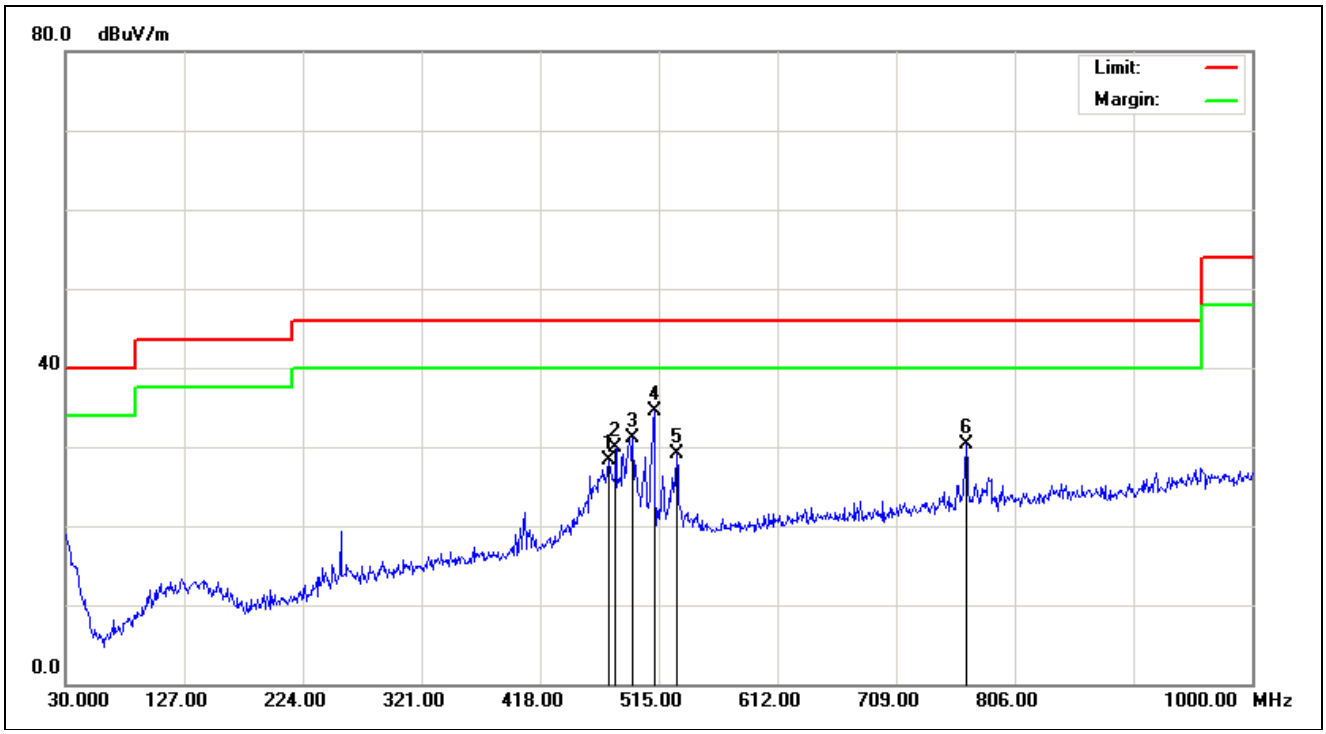

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:10:22**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	474.2599	-7.70	36.09	28.39	46.00	-17.61	QP	200	120	
2	480.0799	-7.60	37.53	29.93	46.00	-16.07	QP	200	104	
3	493.6600	-7.39	38.53	31.14	46.00	-14.86	QP	200	120	
4	511.1200	-7.23	41.66	34.43	46.00	-11.57	QP	200	309	
5	529.5499	-7.11	36.19	29.08	46.00	-16.92	QP	200	303	
6	766.2300	-3.97	34.37	30.40	46.00	-15.60	QP	100	123	

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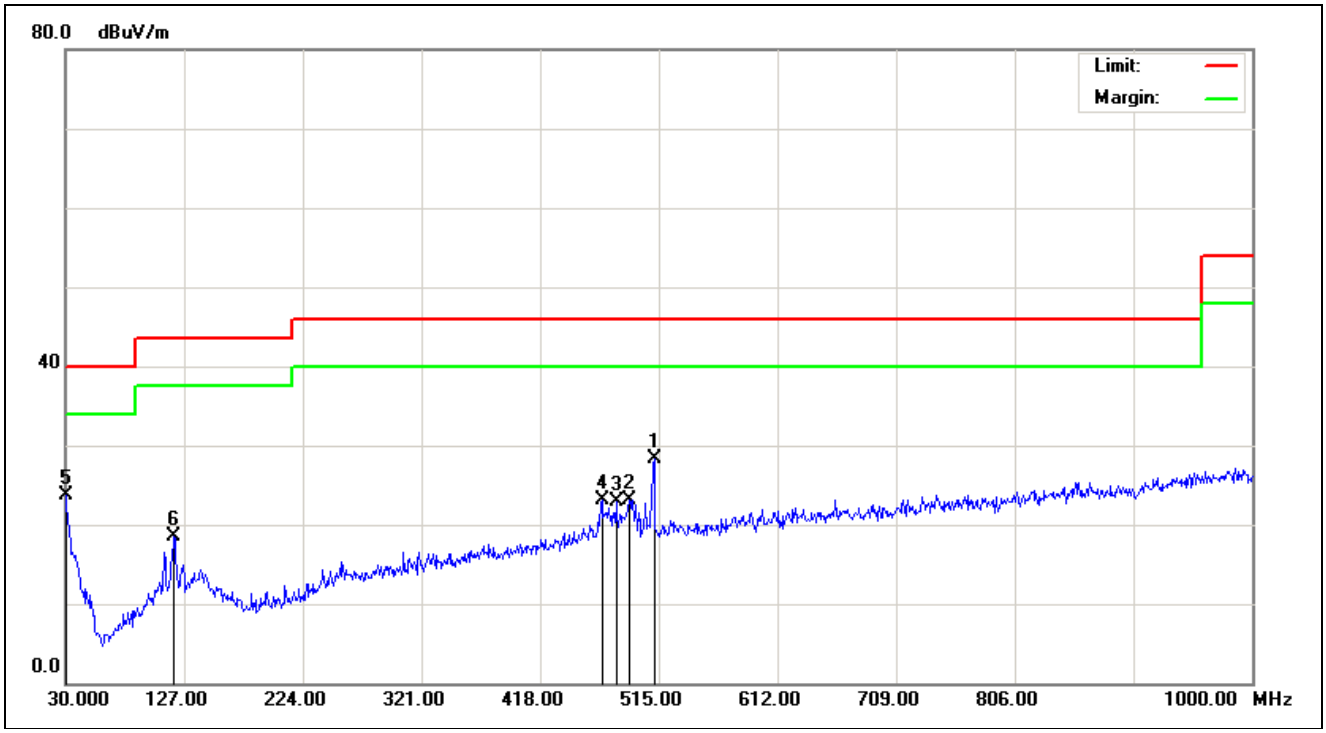

Service No.:	**114021724_LE_FCC**	**Test Distance:**	**3m**
Test Standard:	**FCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2014/8/18 10:12:41**
Applicant:	**Goldtek**	**Test Rating:**	**via battery**
Product:	**Smart Watch**	**Temp.(℃)/Hum.(%):**	**26(℃)/52%**
Model No.:	**GTI-W10**	**Test Engineer:**	**Freeman Wang**
Test Mode:	**2442MHz_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	511.1200	-7.23	35.51	28.28	46.00	-17.72	QP	200	32	
2	490.7500	-7.44	30.60	23.16	46.00	-22.84	QP	200	187	
3	480.0800	-7.60	30.48	22.88	46.00	-23.12	QP	200	35	
4	468.4400	-7.78	30.80	23.02	46.00	-22.98	QP	200	192	
5	30.0000	-5.85	29.51	23.66	40.00	-16.34	QP	117	0	
6	118.2700	-13.11	31.66	18.55	43.50	-24.95	QP	100	96	

Spurious Emissions, RX Mode, 30M-1G

Mains Spurious Emissions

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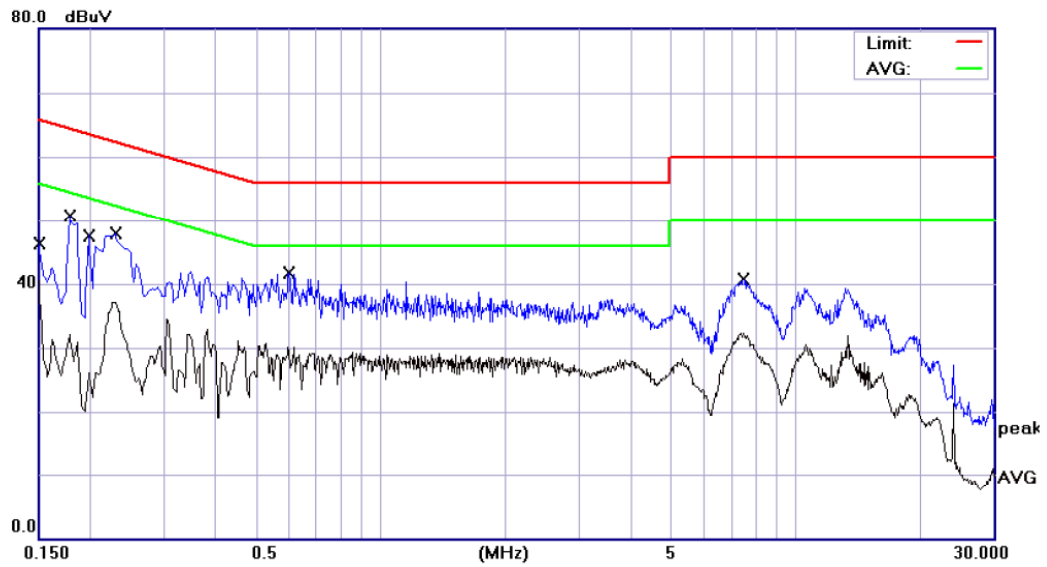
Site: Conduction

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



Service No.: 114021724

Test Standard: FCC Part 15 Class B Conductlon

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	

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Spurious Emissions, Mains, 150kHz - 30MHz

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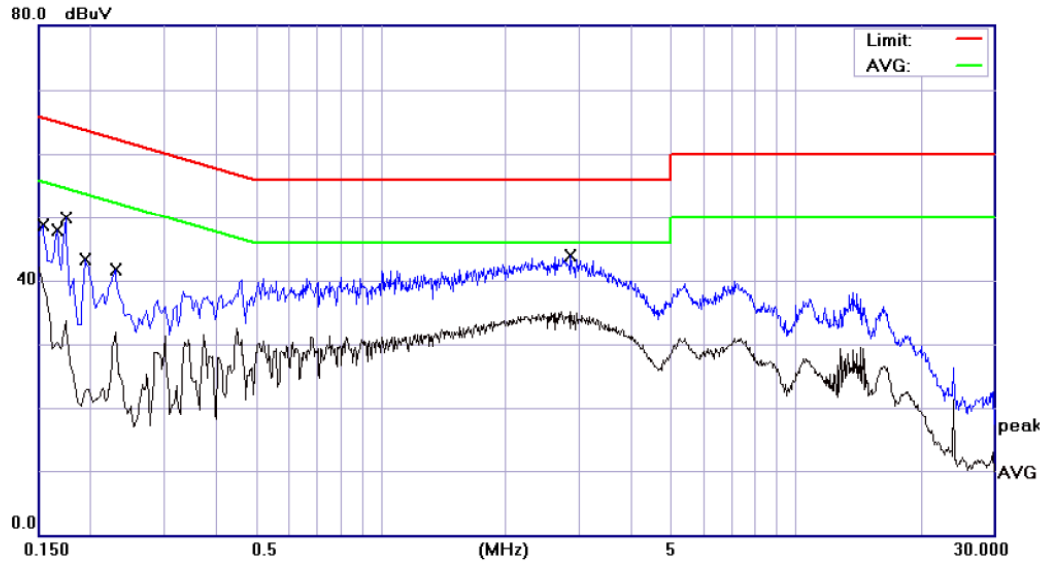
Site: Conduction

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