

Test Report No.50118215 001

Appendix D: Radiated and Mains Spurious Emission Data

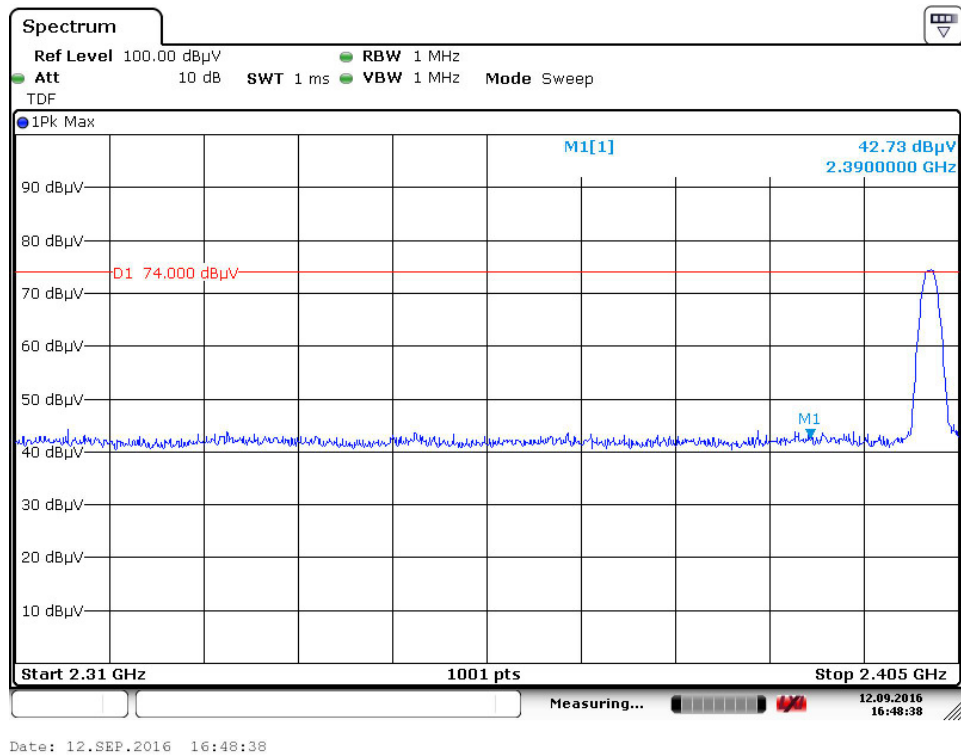
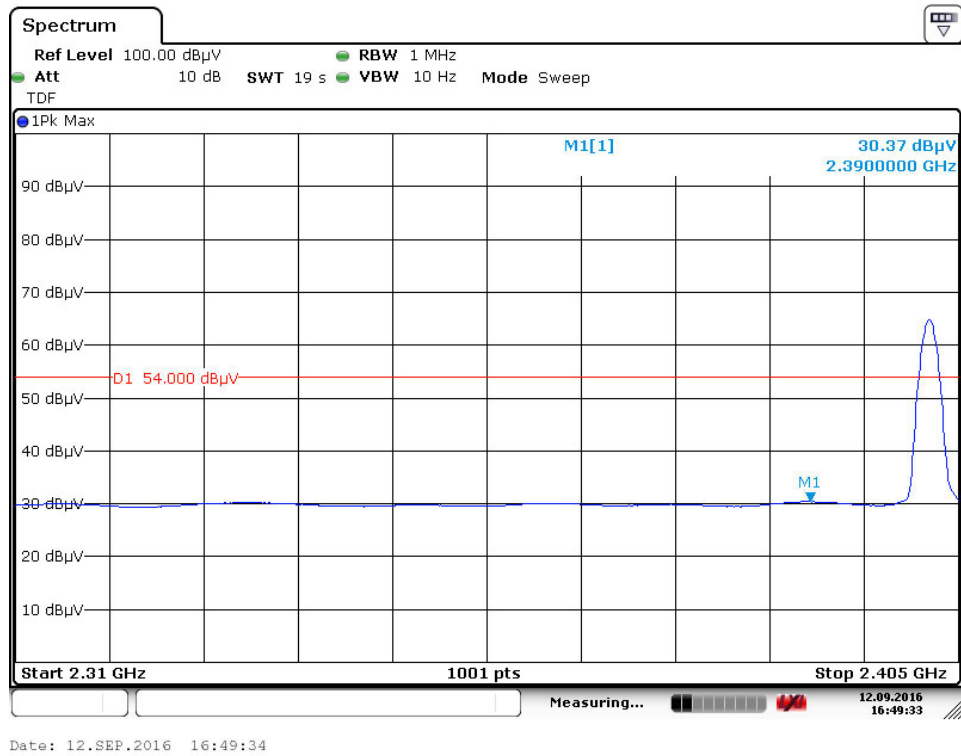
(File: 50118215AppendixD)

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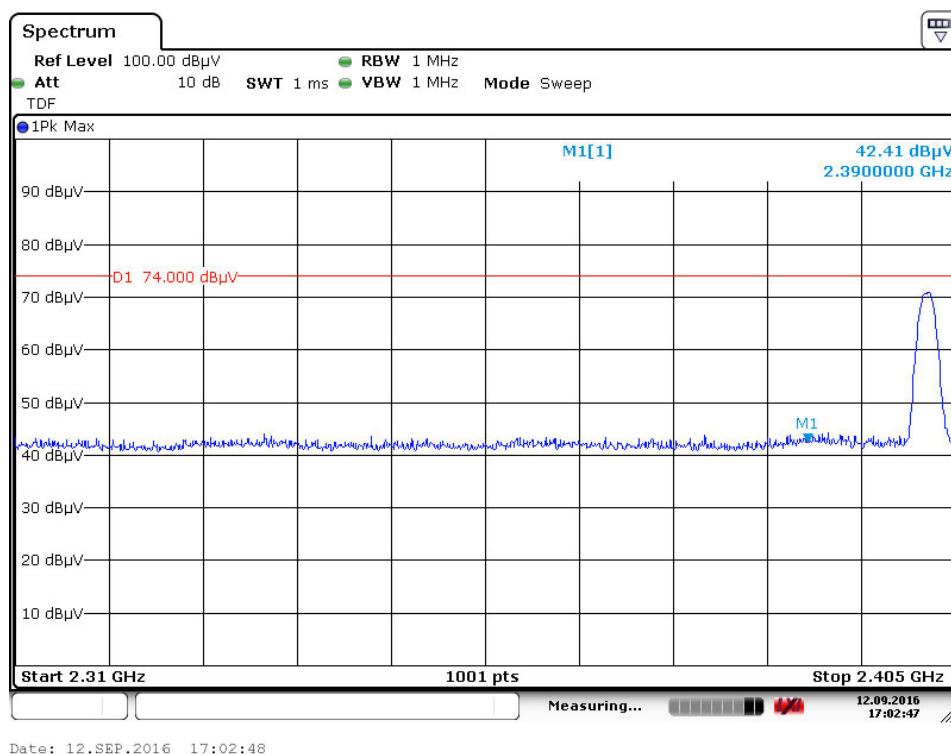
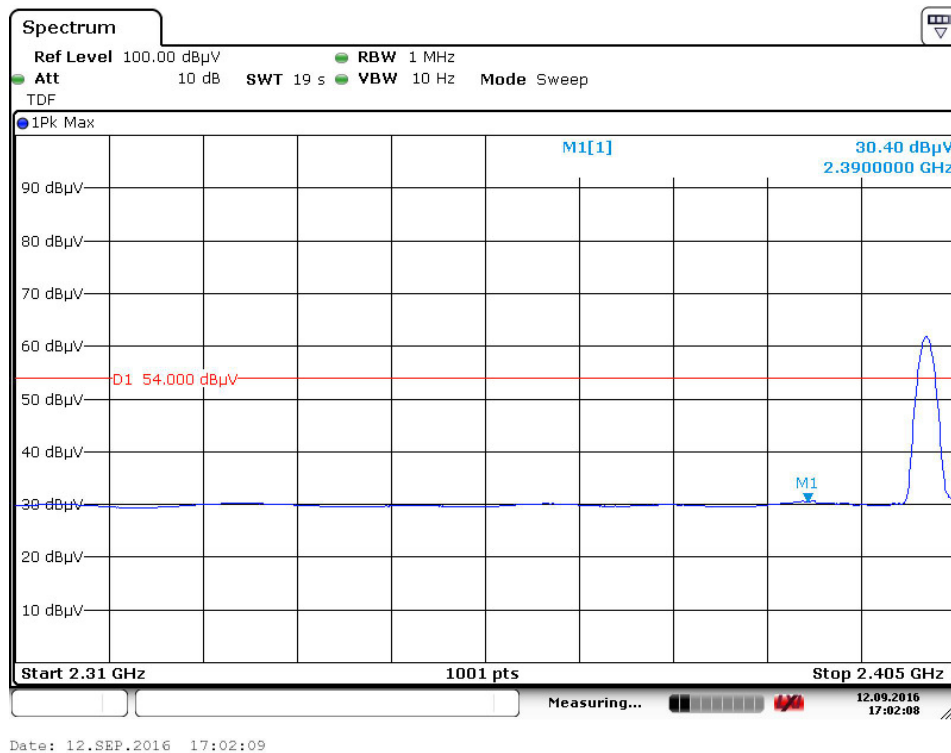
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Radiated Bandedge (GFSK)

Low Channel (Hor)



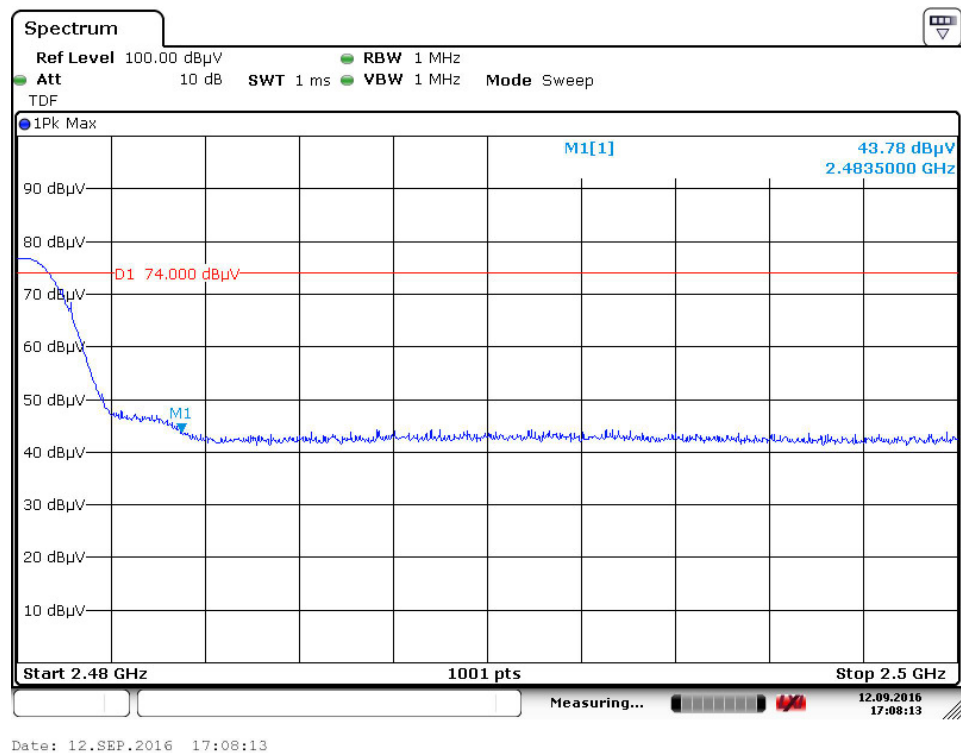
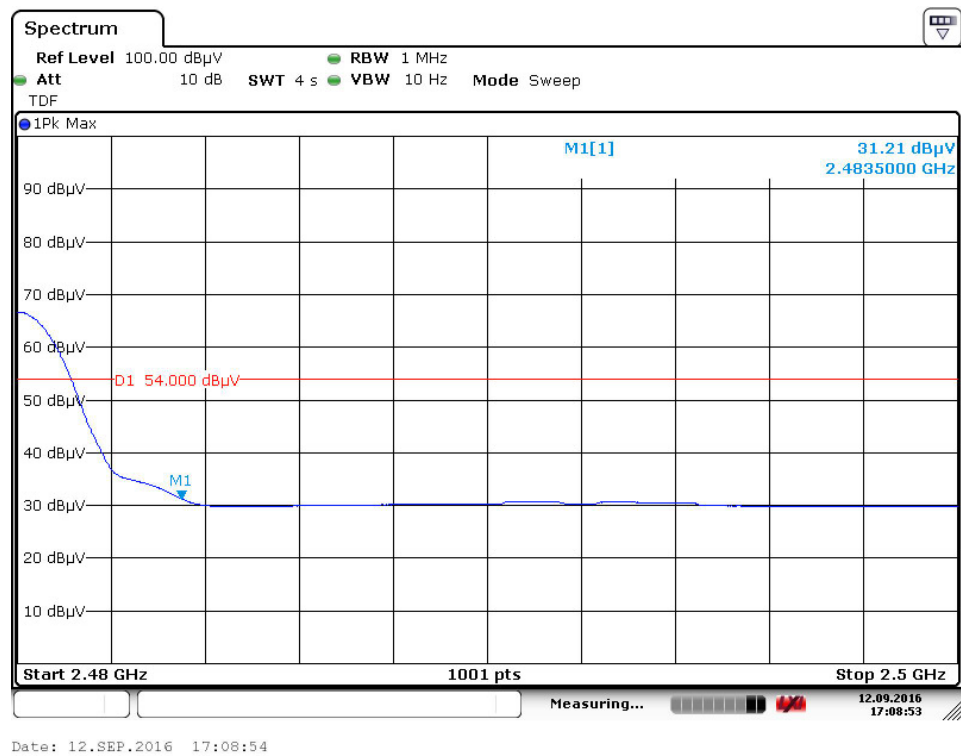
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

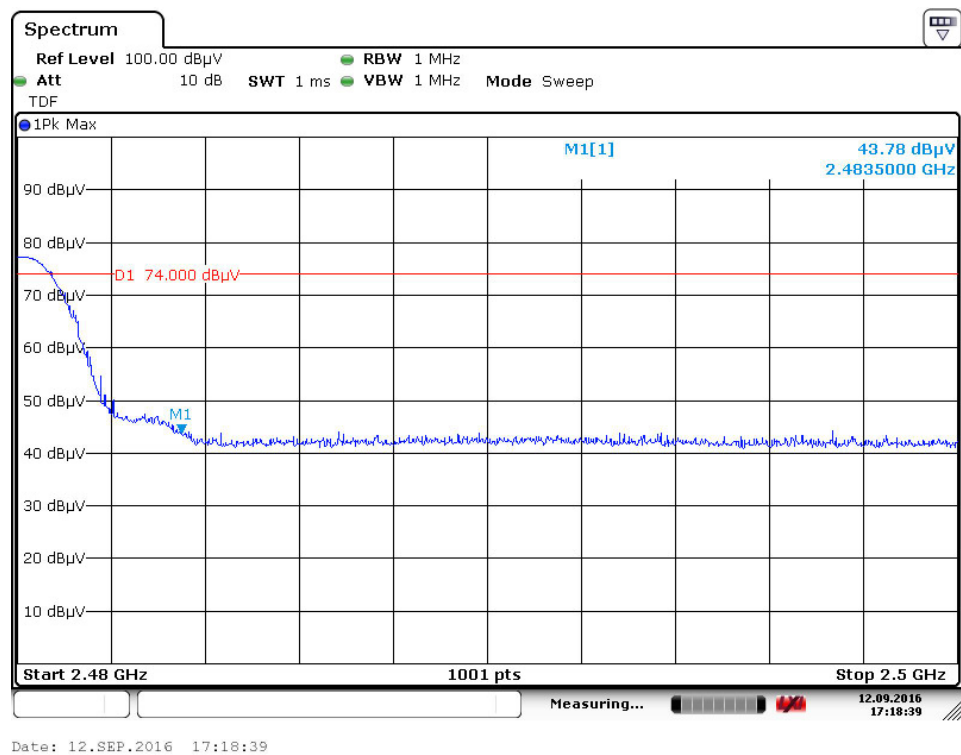
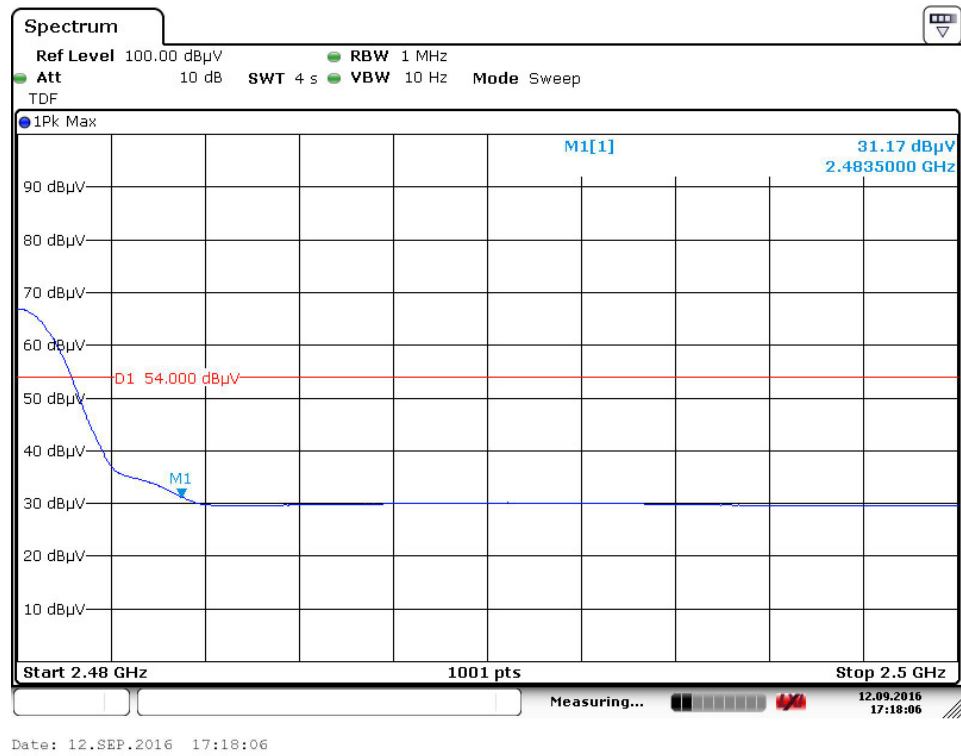
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

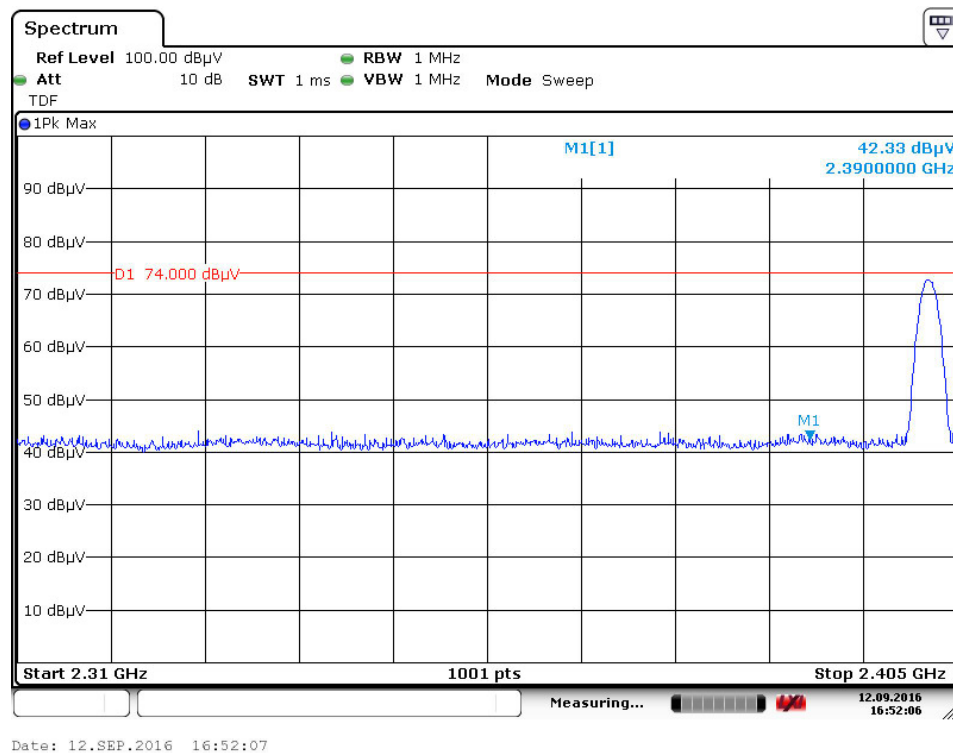
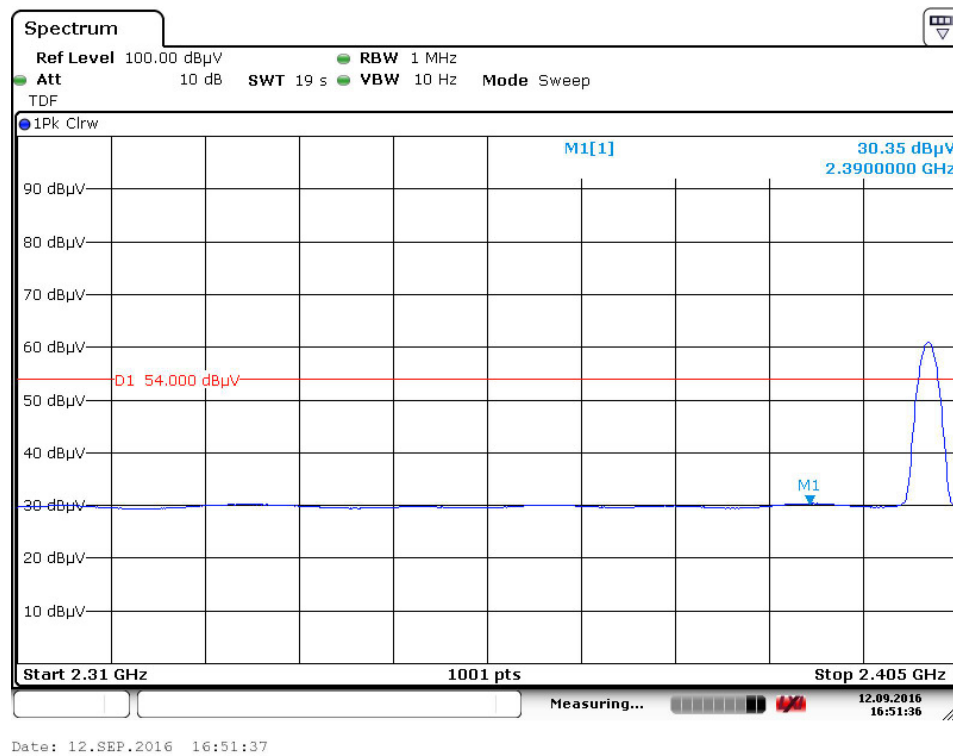
High Channel (Ver)



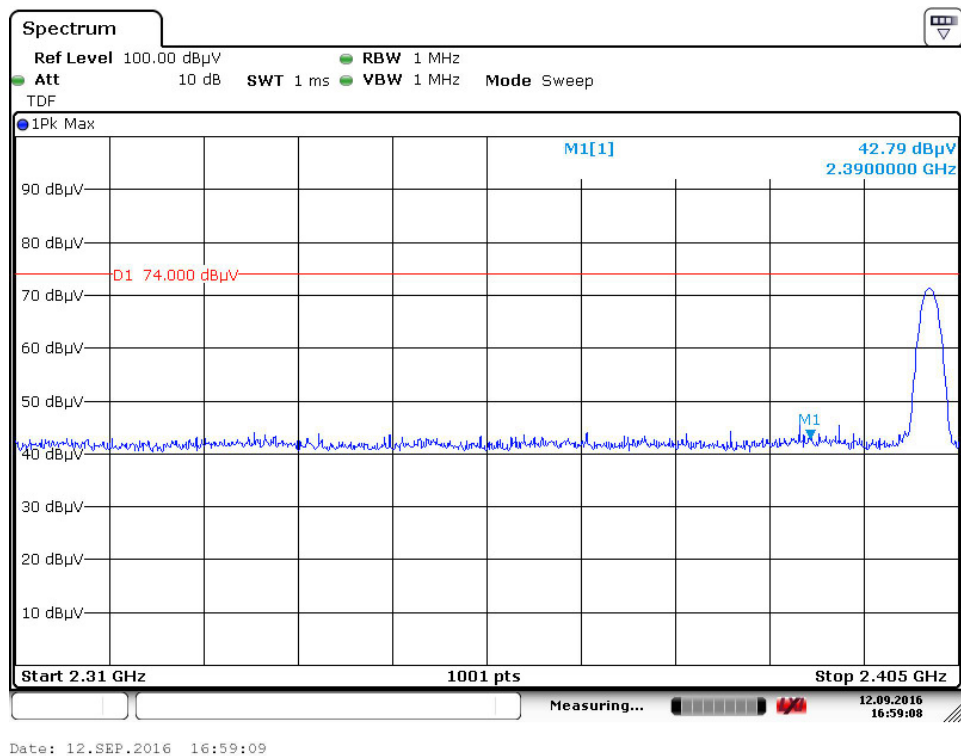
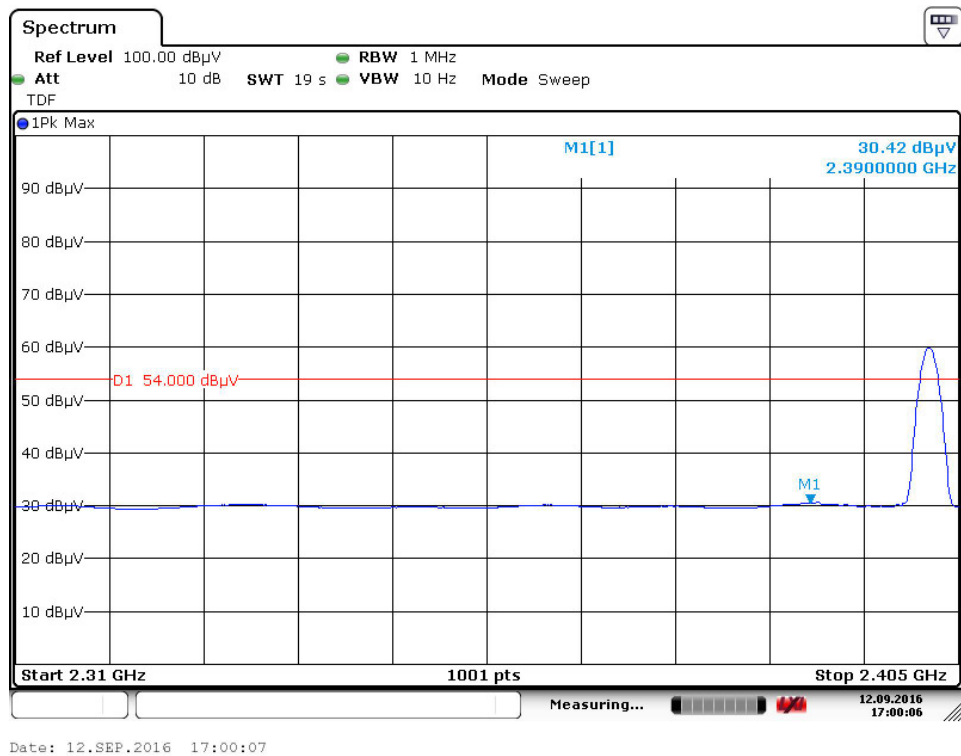
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (8DPSK)

Low Channel (Hor)



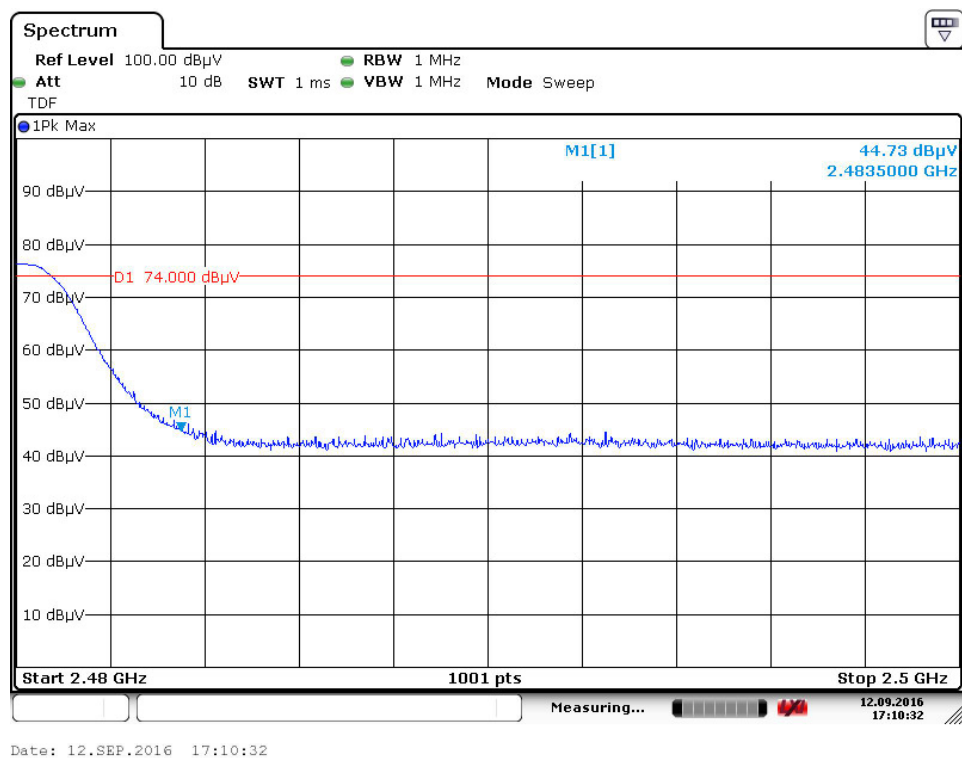
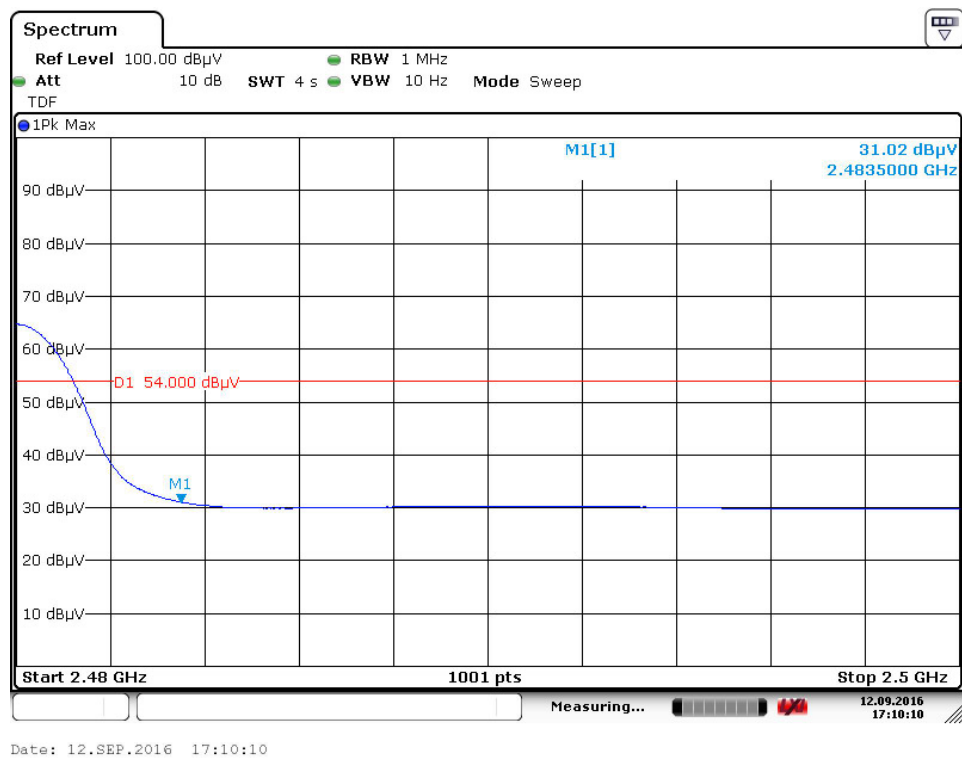
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

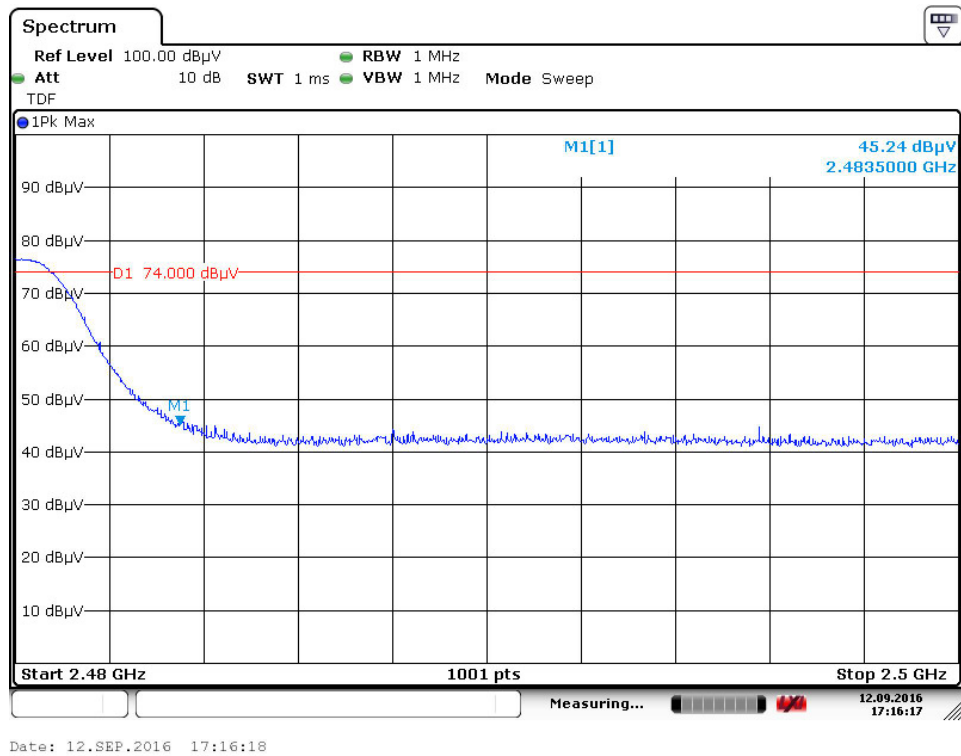
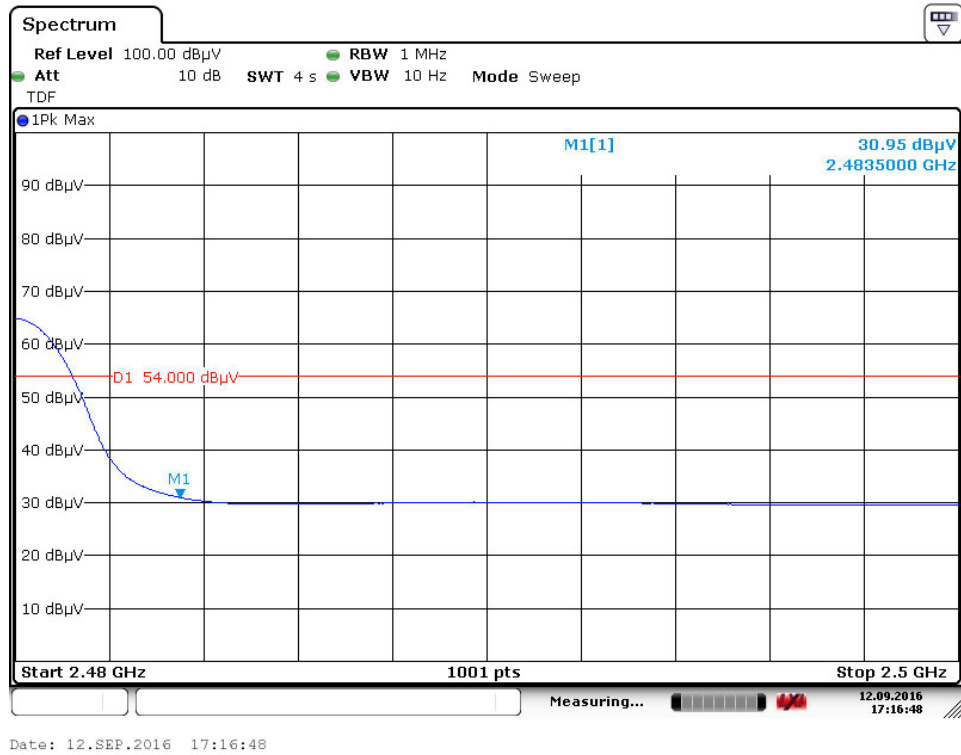
Radiated Bandedge (8DPSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

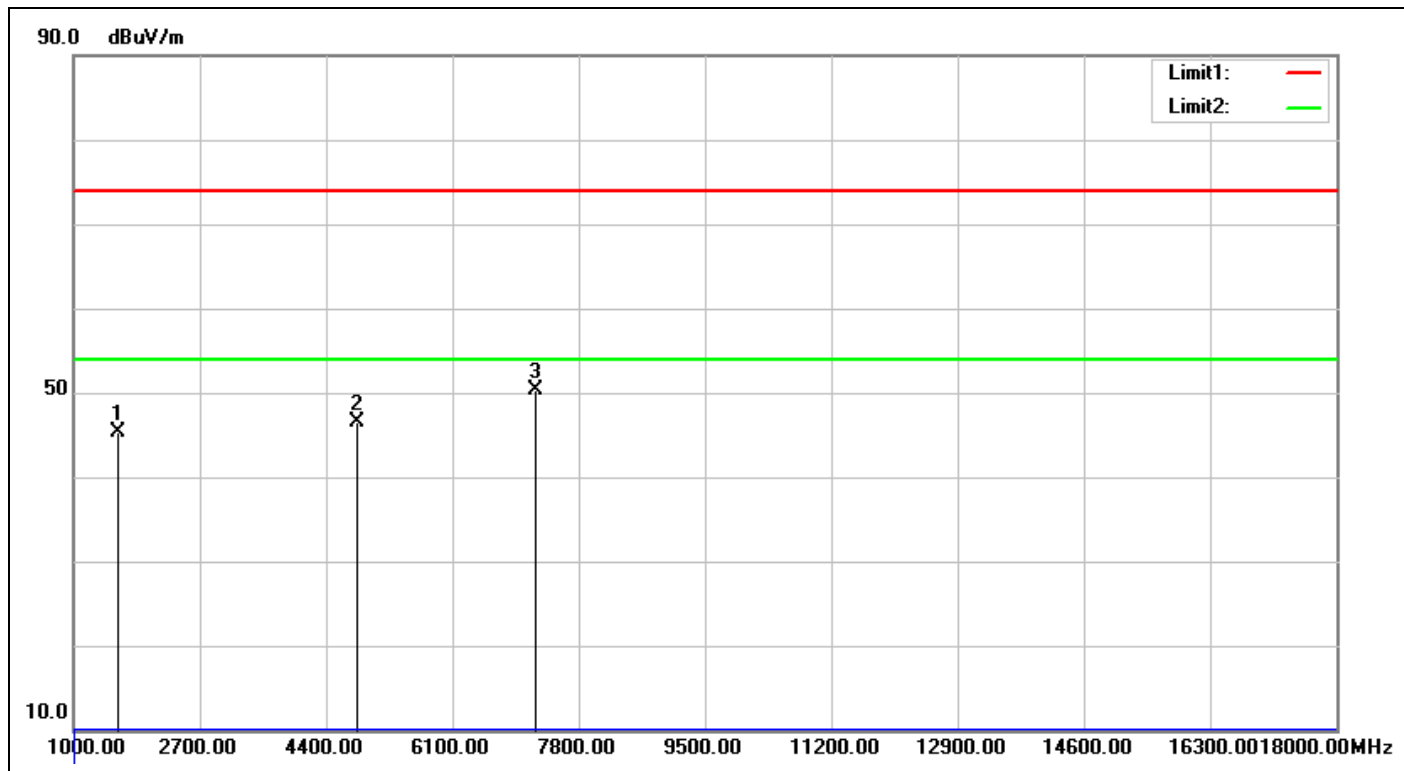
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

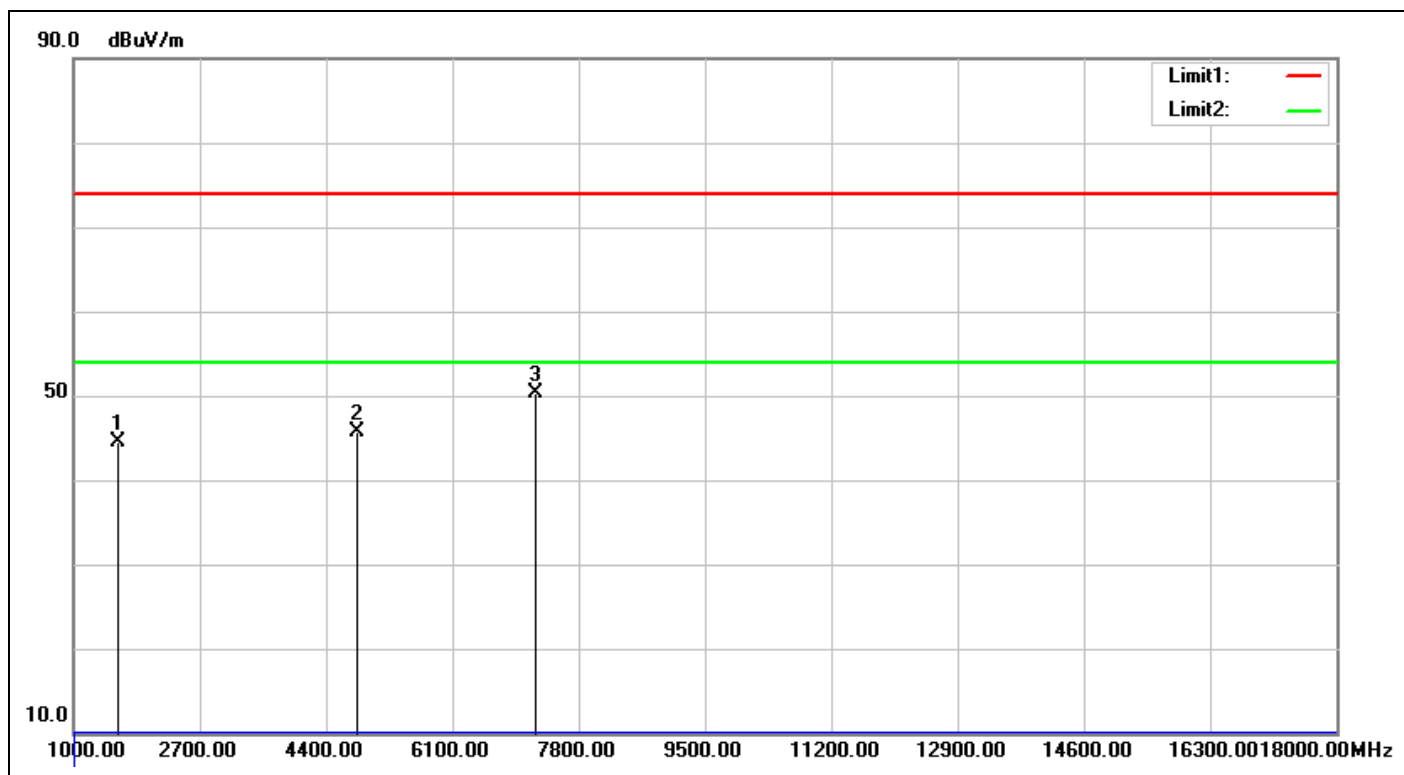
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



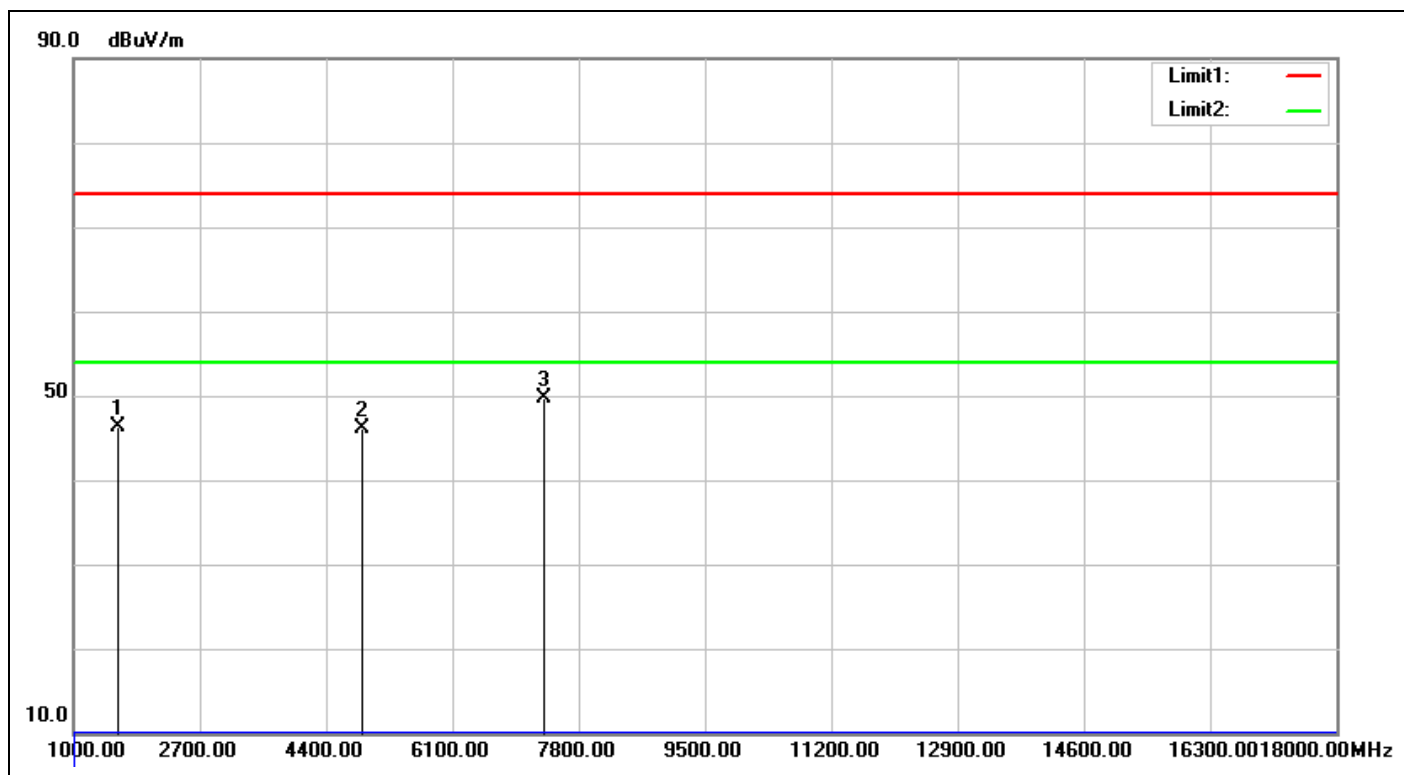
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 17:13:03
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	55.08	45.37	74.00	-28.63	peak	100	289	
2	4804.000	-2.64	49.06	46.42	74.00	-27.58	peak	100	189	
3	7206.000	5.57	44.72	50.29	74.00	-23.71	peak	106	304	



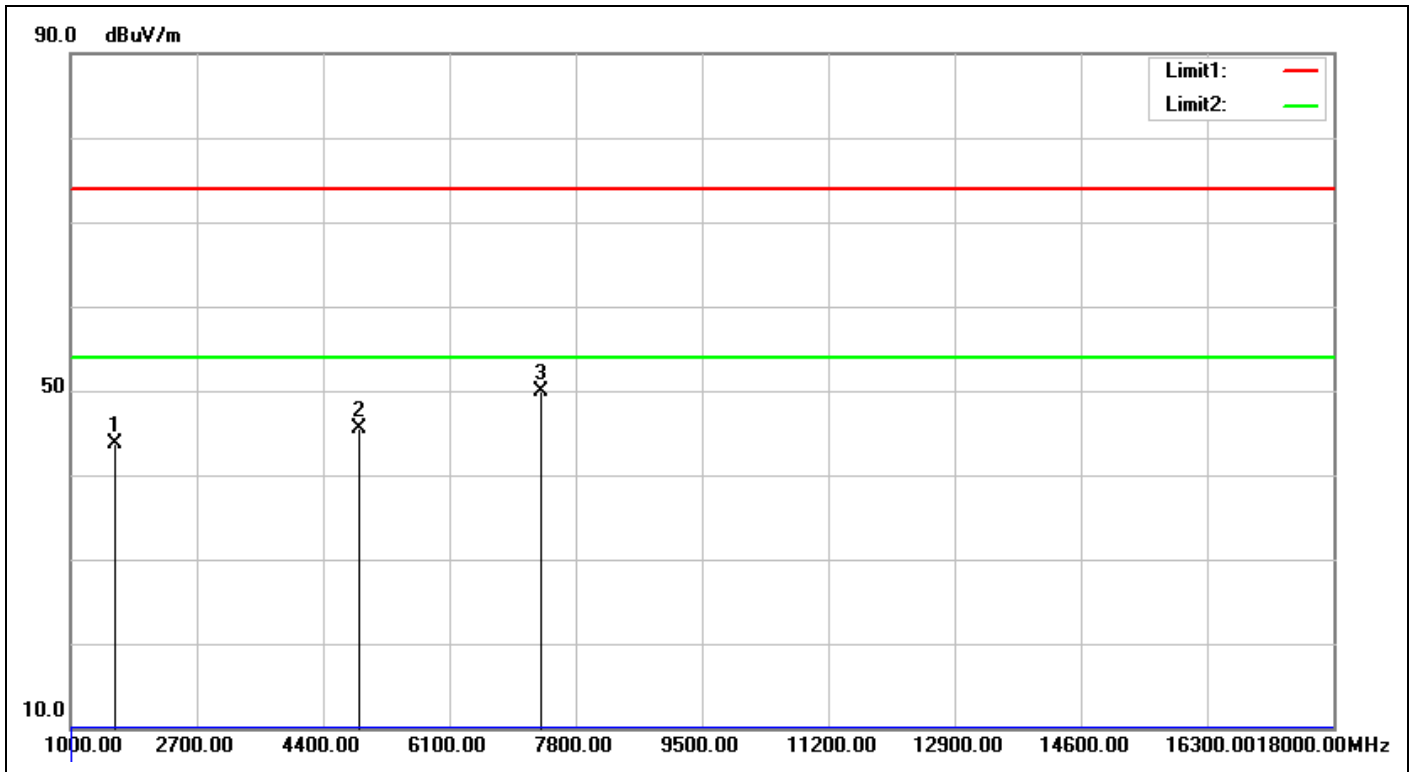
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/12 17:15:22
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	54.13	44.42	74.00	-29.58	peak	100	294	
2	4804.000	-2.64	48.38	45.74	74.00	-28.26	peak	100	185	
3	7206.000	5.57	44.75	50.32	74.00	-23.68	peak	100	207	



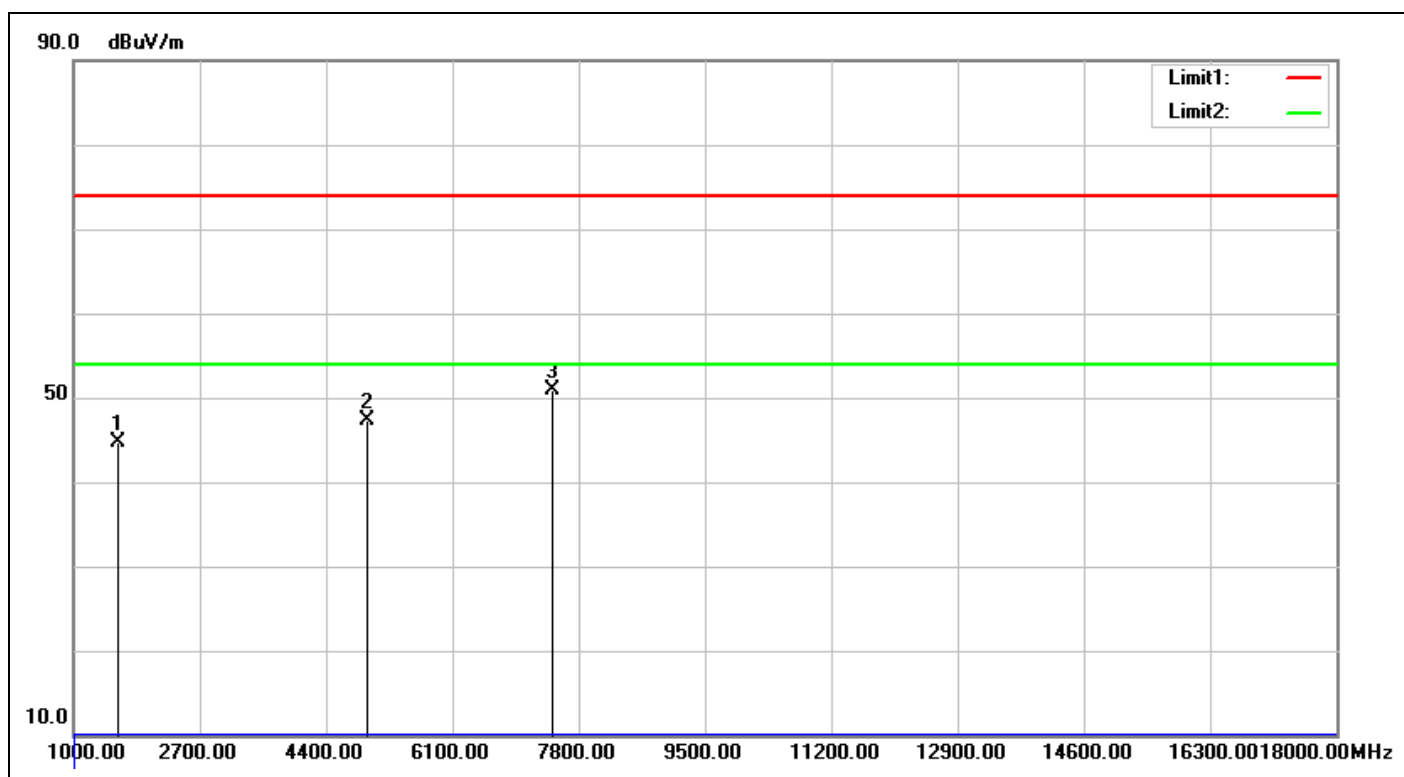
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 17:19:15
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	56.03	46.32	74.00	-27.68	peak	100	192	
2	4882.000	-2.47	48.60	46.13	74.00	-27.87	peak	104	217	
3	7323.000	5.91	43.87	49.78	74.00	-24.22	peak	100	138	



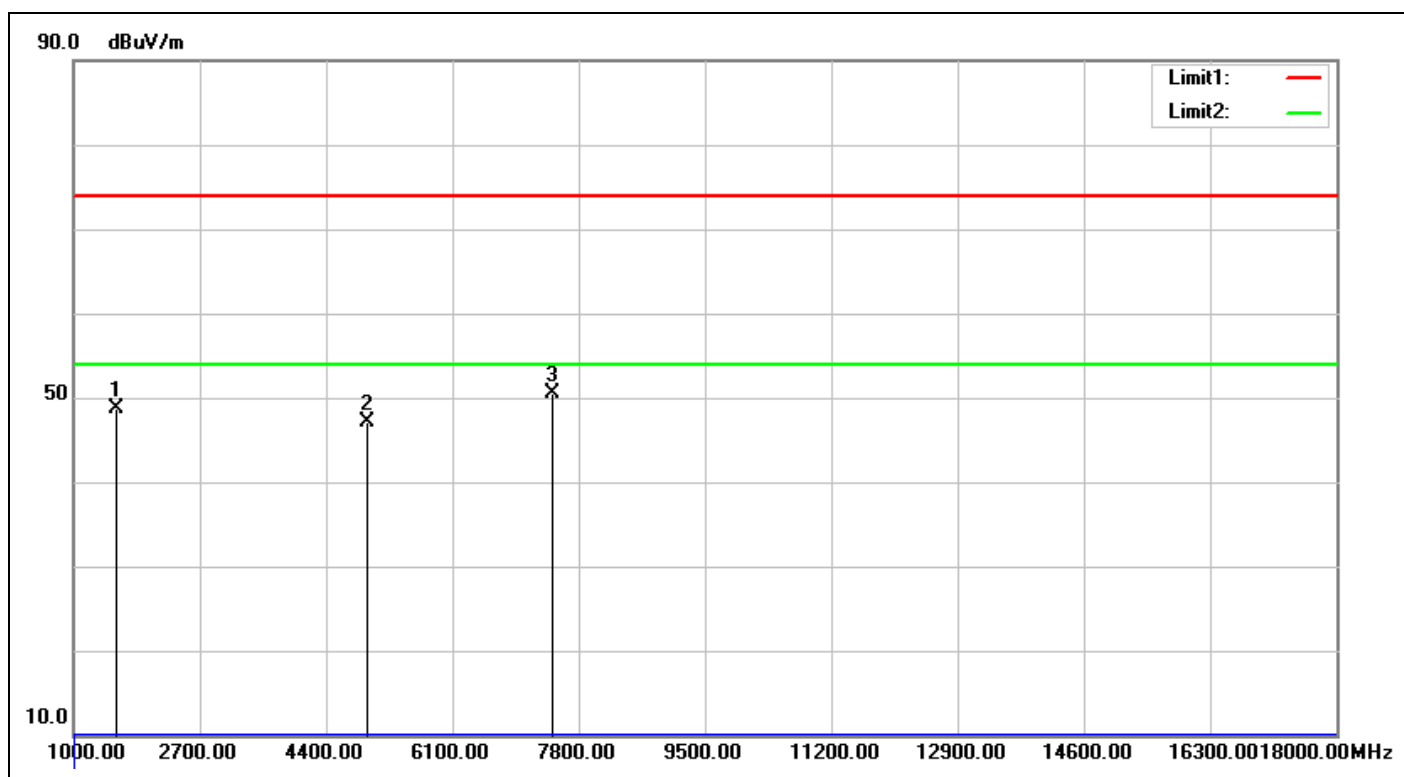
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Test item:	Radiation Emission	Test Time:	2016/9/12 17:21:35
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	53.49	43.78	74.00	-30.22	peak	100	134	
2	4882.000	-2.47	48.06	45.59	74.00	-28.41	peak	100	127	
3	7323.000	5.91	44.07	49.98	74.00	-24.02	peak	100	204	



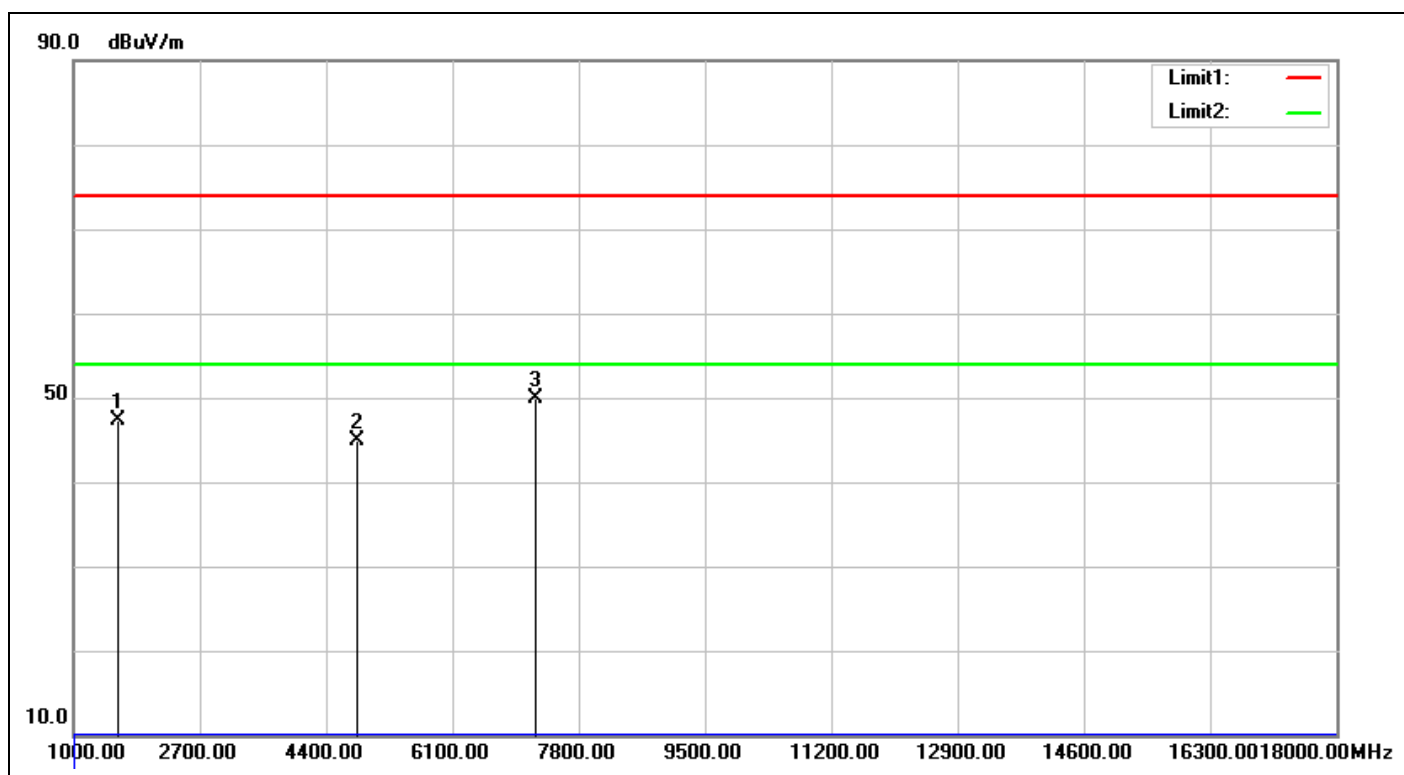
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 17:29:08
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	54.47	44.76	74.00	-29.24	peak	100	182	
2	4960.000	-2.30	49.62	47.32	74.00	-26.68	peak	105	278	
3	7440.000	6.24	44.58	50.82	74.00	-23.18	peak	152	304	



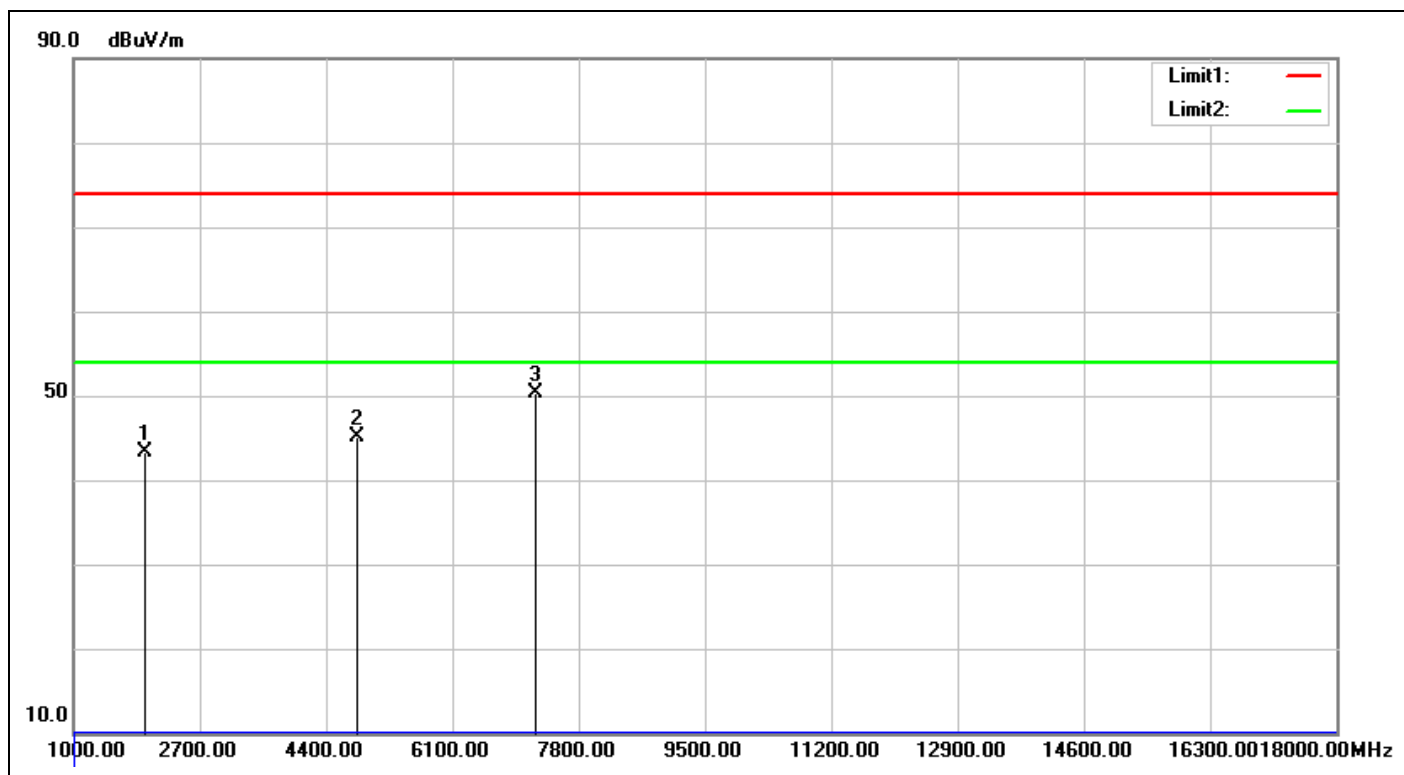
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Test item:	Radiation Emission	Test Time:	2016/9/12 17:31:28
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1578.000	-9.82	58.48	48.66	74.00	-25.34	peak	100	137	
2	4960.000	-2.30	49.50	47.20	74.00	-26.80	peak	100	269	
3	7440.000	6.24	44.17	50.41	74.00	-23.59	peak	100	315	



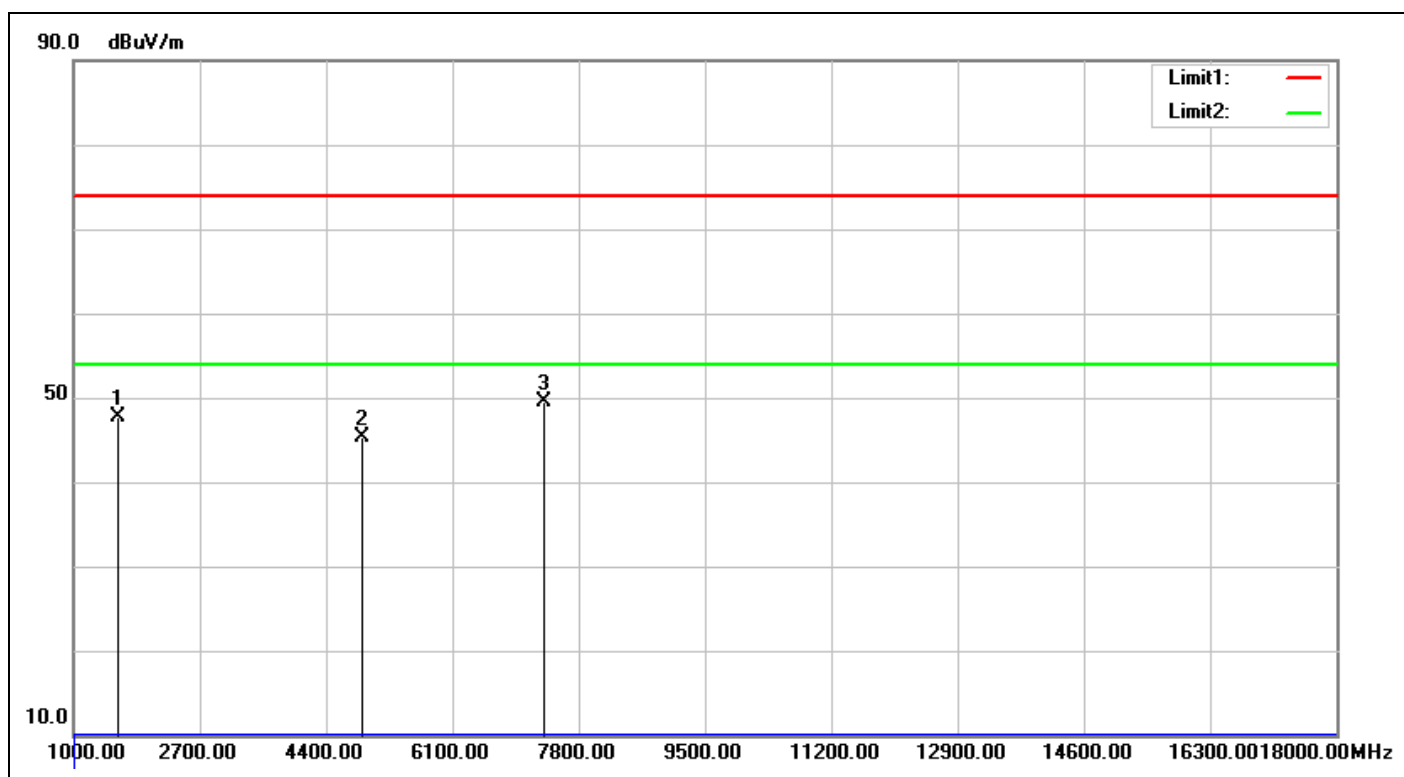
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 17:37:29
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	56.99	47.28	74.00	-26.72	peak	100	48	
2	4804.000	-2.64	47.58	44.94	74.00	-29.06	peak	105	237	
3	7206.000	5.57	44.30	49.87	74.00	-24.13	peak	108	138	



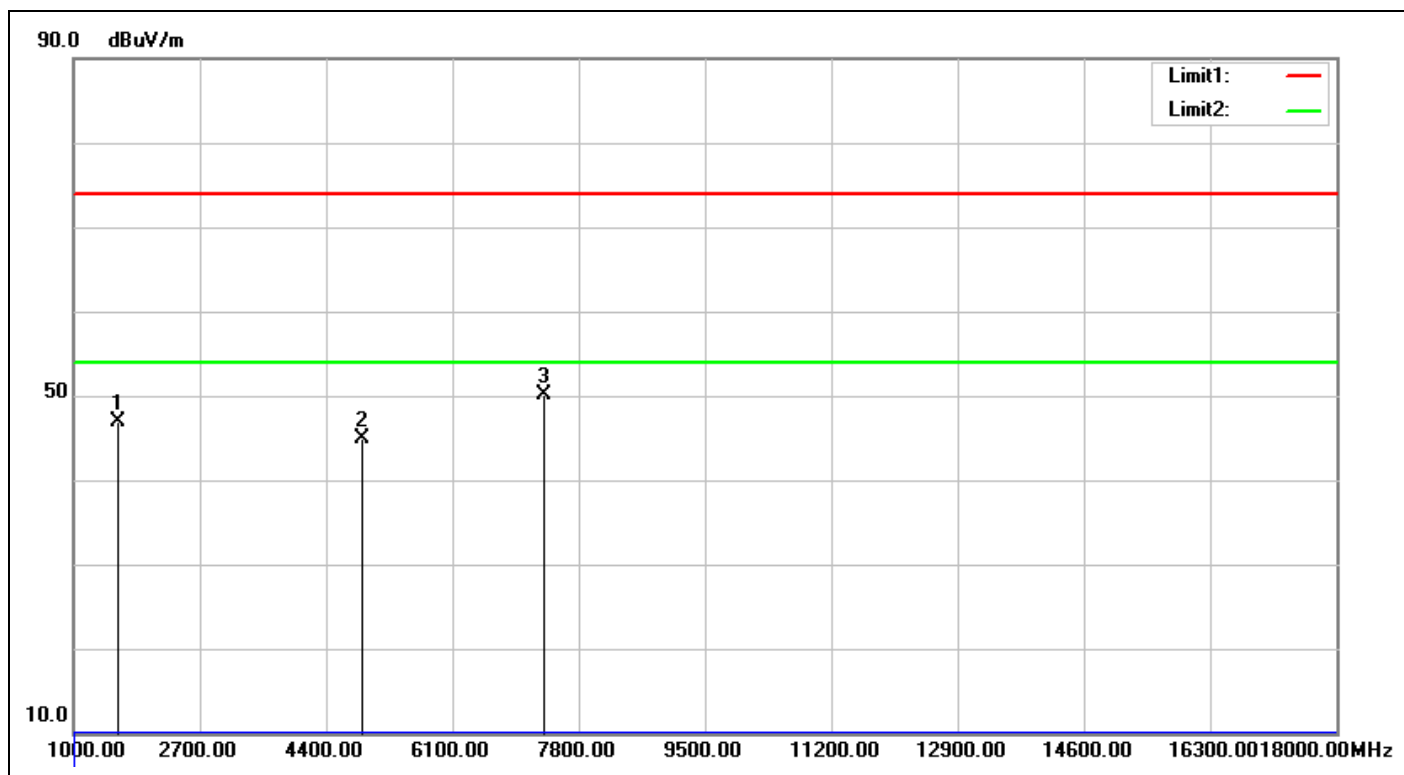
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/12 17:38:32
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1952.000	-7.45	50.78	43.33	74.00	-30.67	peak	100	182	
2	4804.000	-2.64	47.84	45.20	74.00	-28.80	peak	100	105	
3	7206.000	5.57	44.73	50.30	74.00	-23.70	peak	100	276	



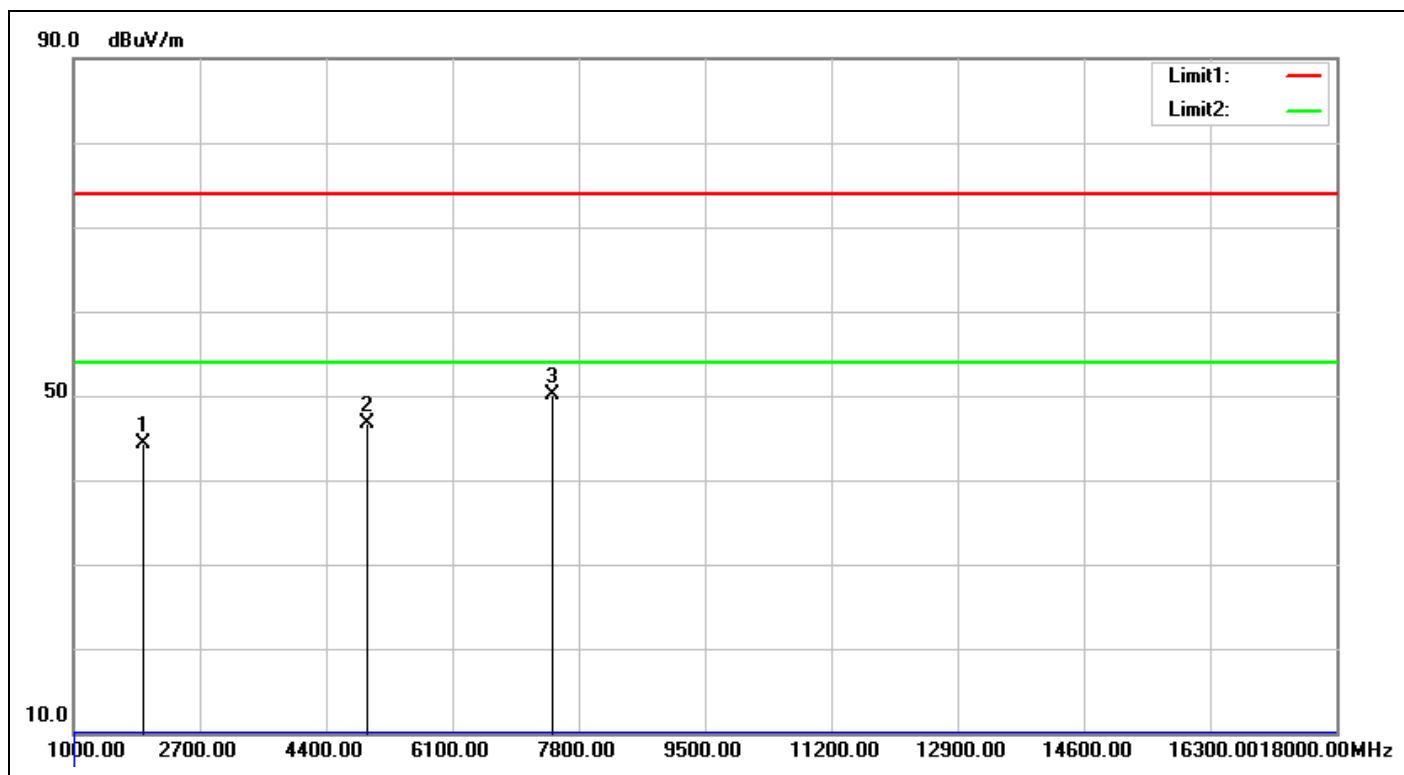
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Test item:	Radiation Emission	Test Time:	2016/9/12 17:44:03
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	57.37	47.66	74.00	-26.34	peak	100	158	
2	4882.000	-2.47	47.80	45.33	74.00	-28.67	peak	100	203	
3	7323.000	5.91	43.60	49.51	74.00	-24.49	peak	100	192	



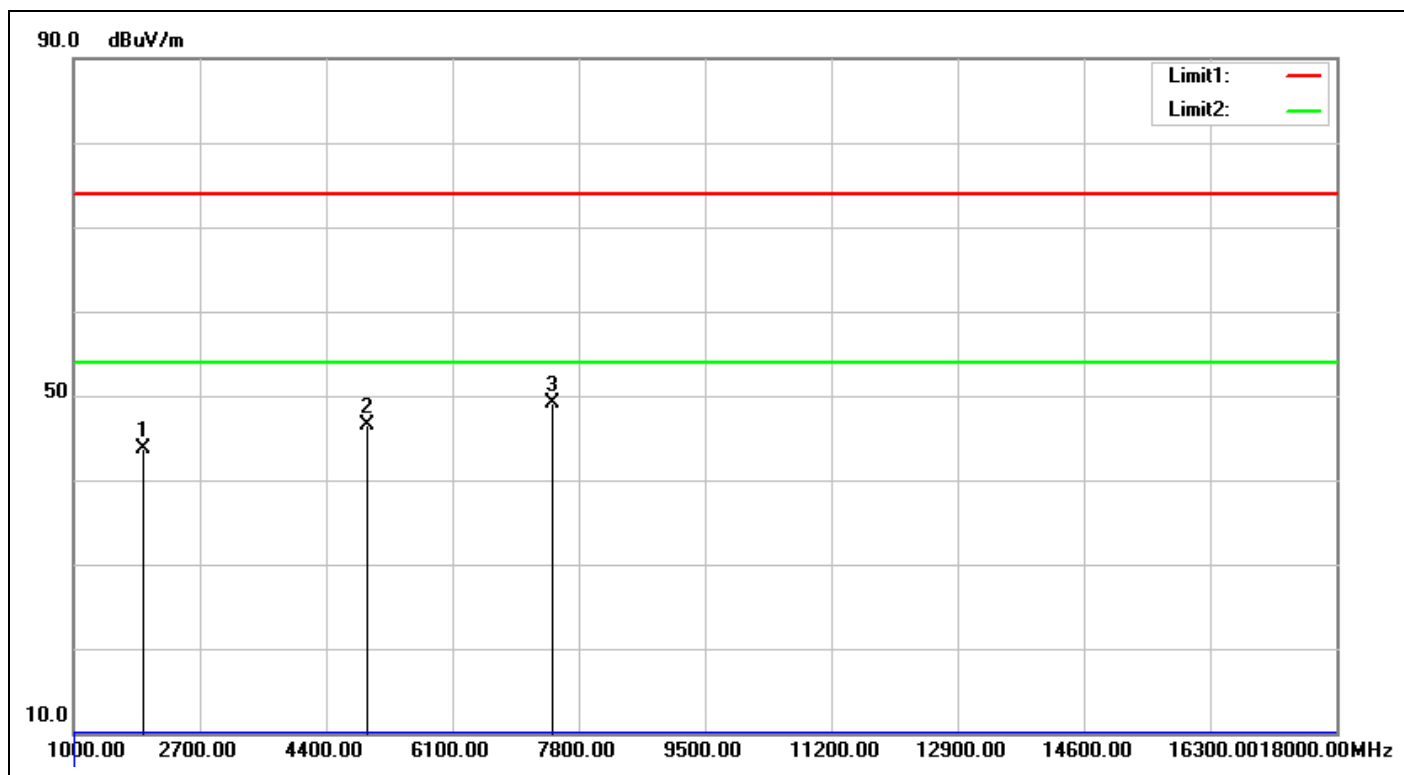
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/12 17:45:06
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	56.60	46.89	74.00	-27.11	peak	100	302	
2	4882.000	-2.47	47.46	44.99	74.00	-29.01	peak	100	134	
3	7323.000	5.91	44.12	50.03	74.00	-23.97	peak	100	284	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 17:49:23
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1935.000	-7.55	51.92	44.37	74.00	-29.63	peak	100	357	
2	4960.000	-2.30	49.04	46.74	74.00	-27.26	peak	100	241	
3	7440.000	6.24	43.89	50.13	74.00	-23.87	peak	103	194	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/12 17:50:26
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1935.000	-7.55	51.28	43.73	74.00	-30.27	peak	100	285	
2	4960.000	-2.30	48.88	46.58	74.00	-27.42	peak	100	135	
3	7440.000	6.24	42.96	49.20	74.00	-24.80	peak	100	128	

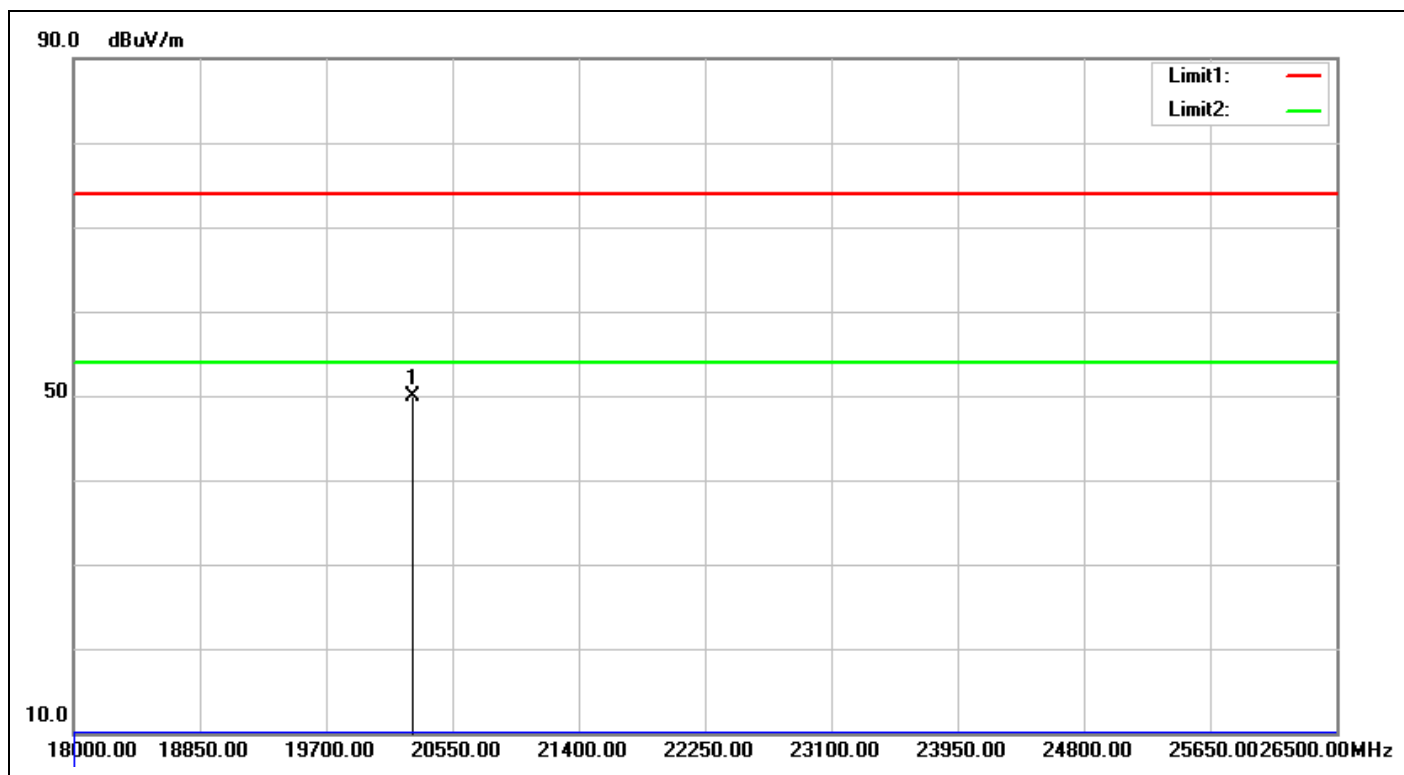
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

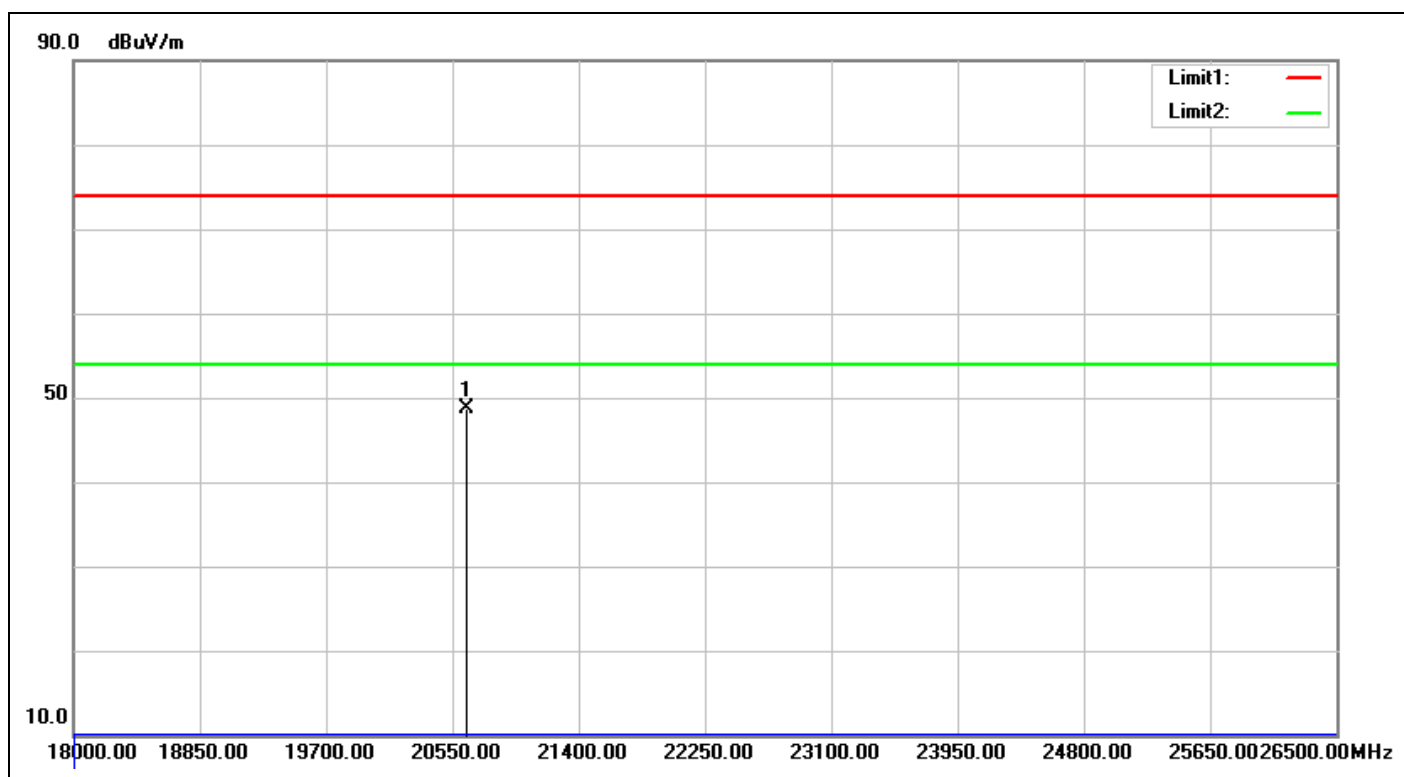
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



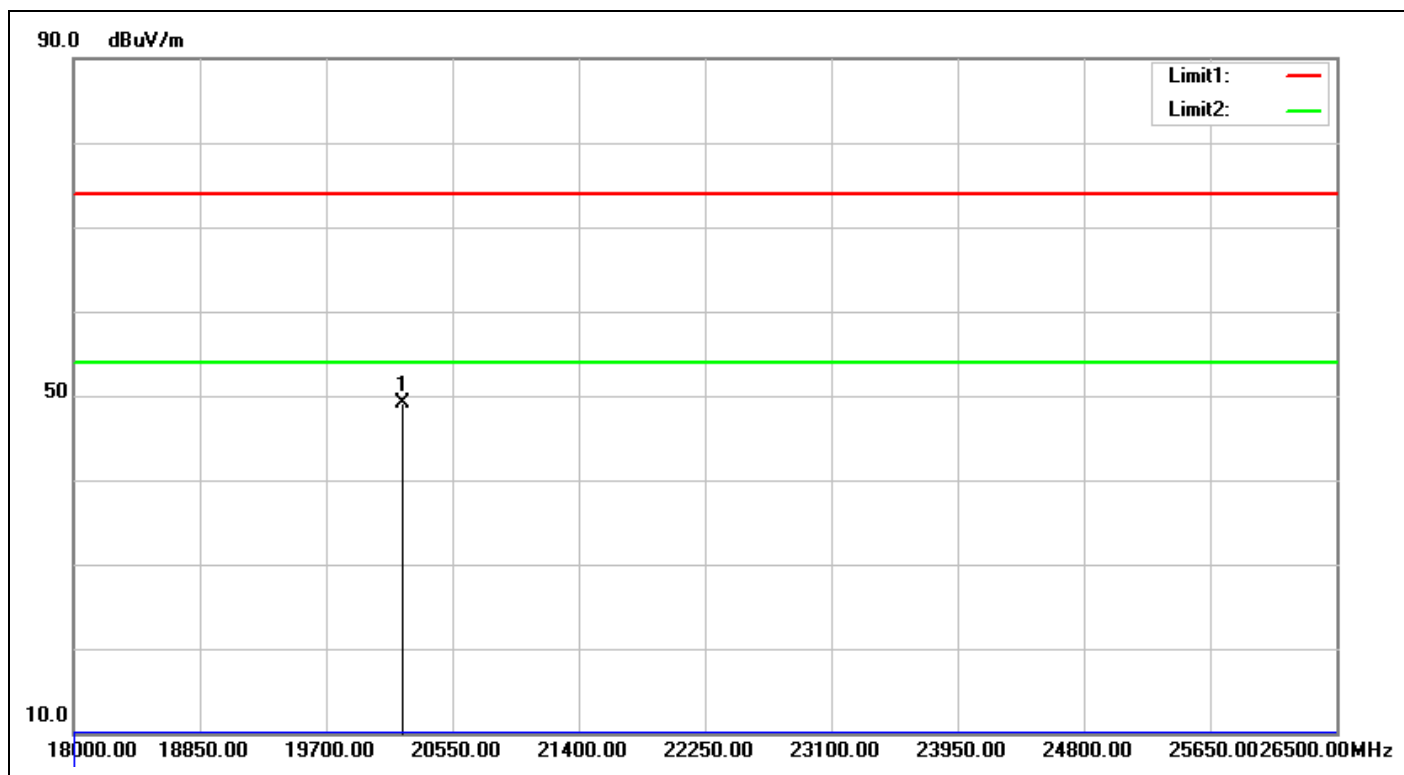
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 09:34:16
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20278.000	29.82	20.17	49.99	74.00	-24.01	peak	100	145	



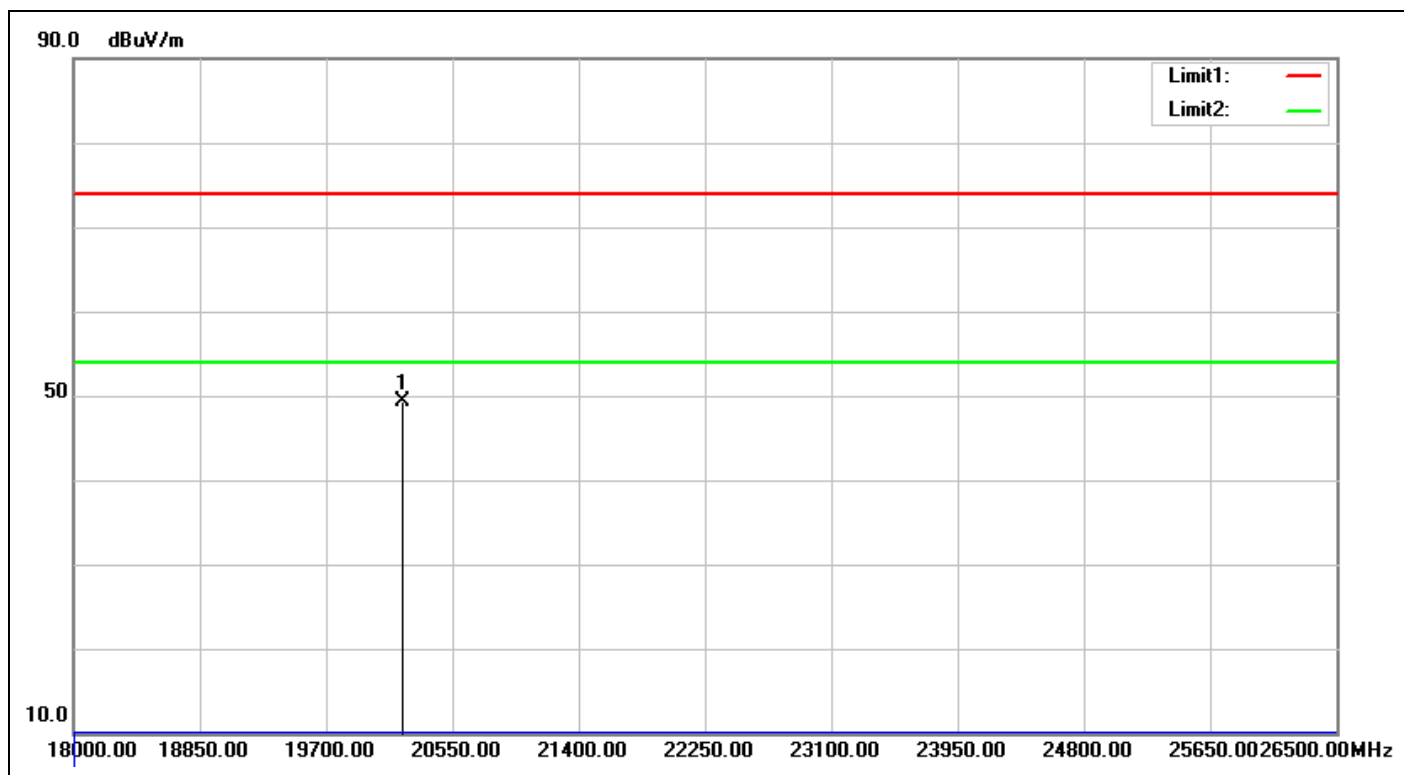
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 09:35:19
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20643.500	29.84	18.82	48.66	74.00	-25.34	peak	100	212	



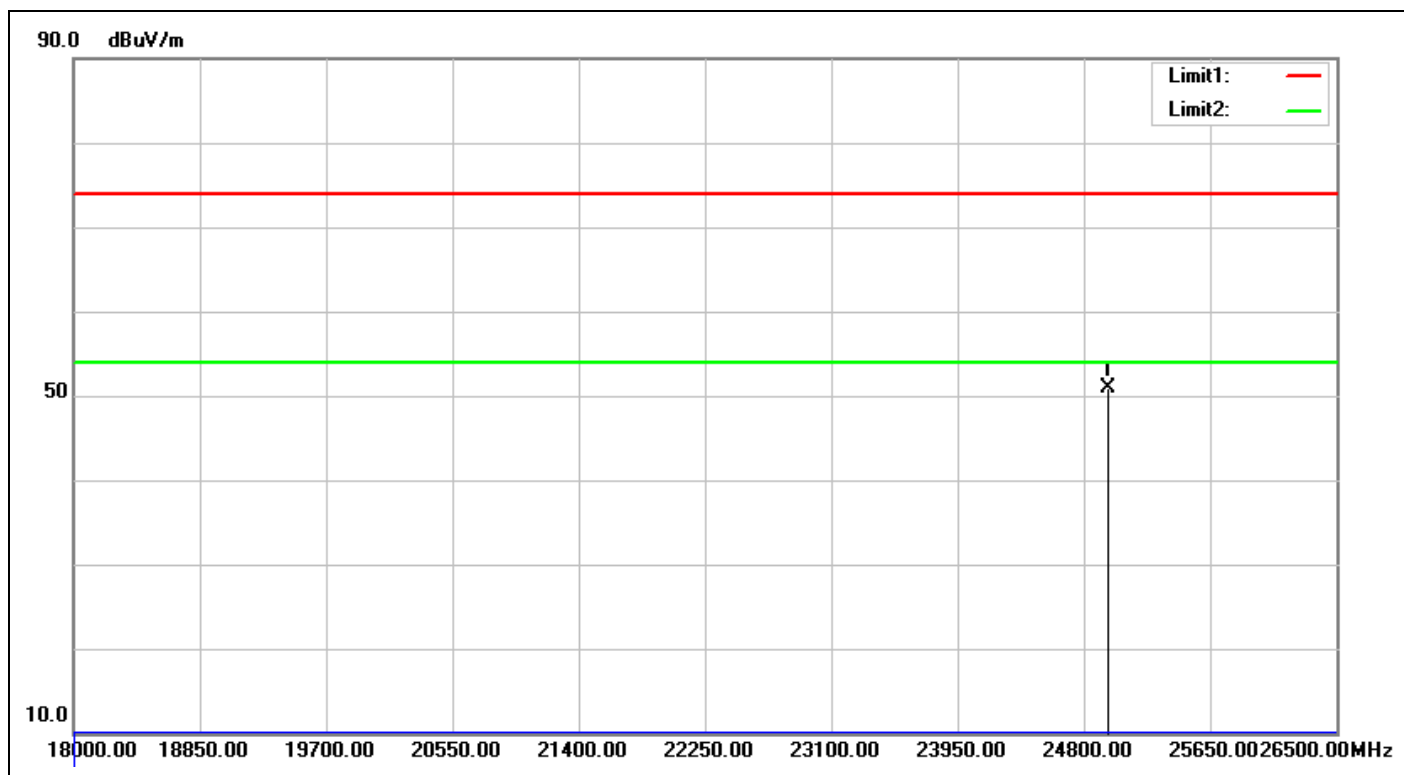
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 09:39:22
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20210.000	29.81	19.34	49.15	74.00	-24.85	peak	100	229	



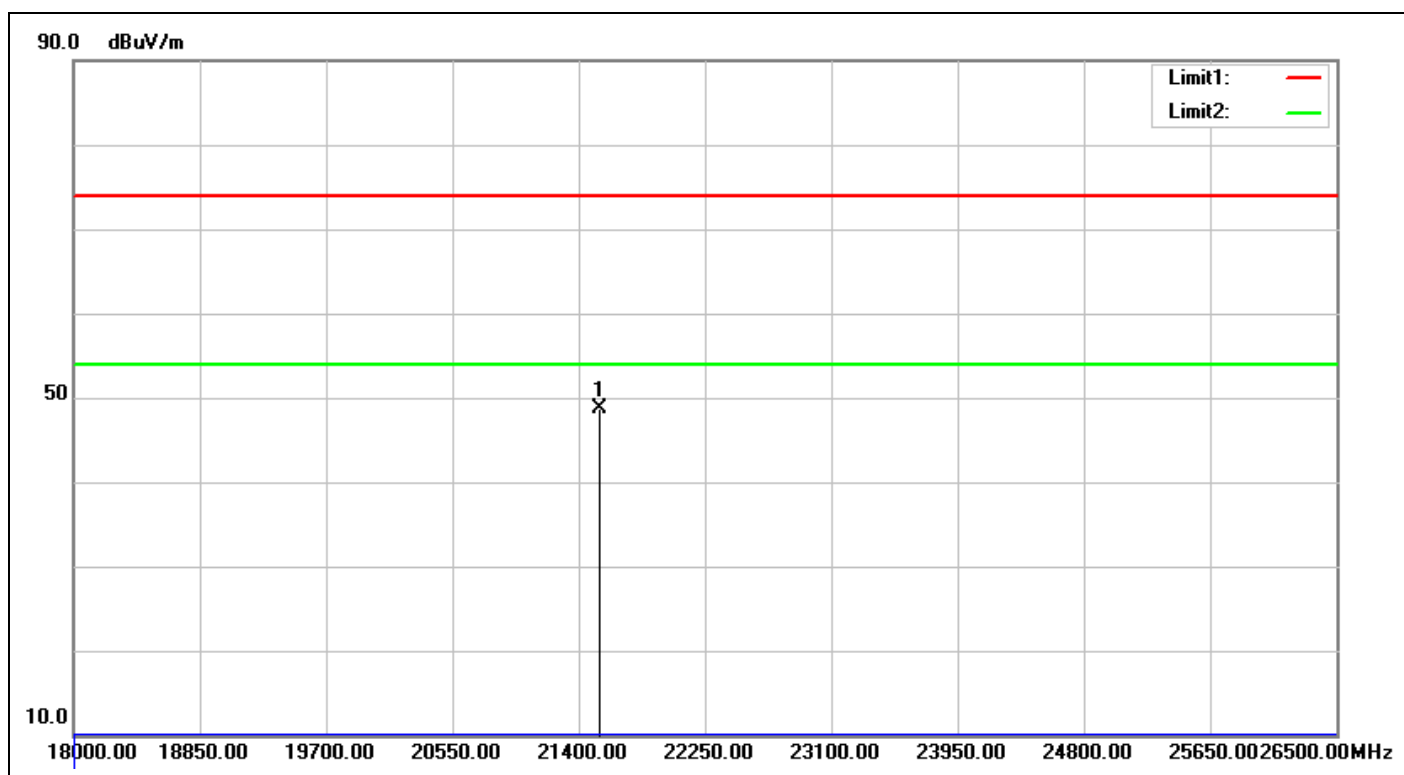
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 09:40:25
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20210.000	29.81	19.54	49.35	74.00	-24.65	peak	100	37	



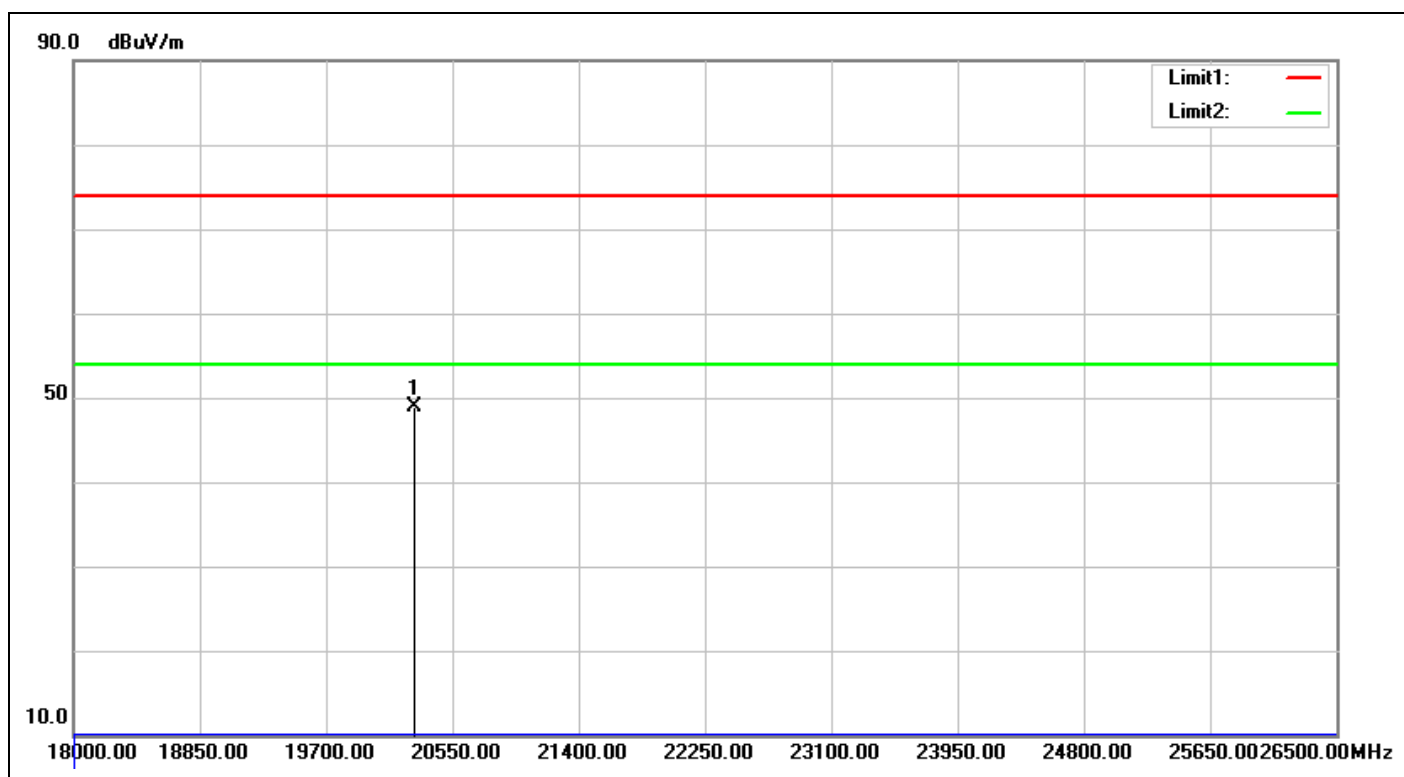
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 09:42:20
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24961.500	31.30	19.67	50.97	74.00	-23.03	peak	100	126	



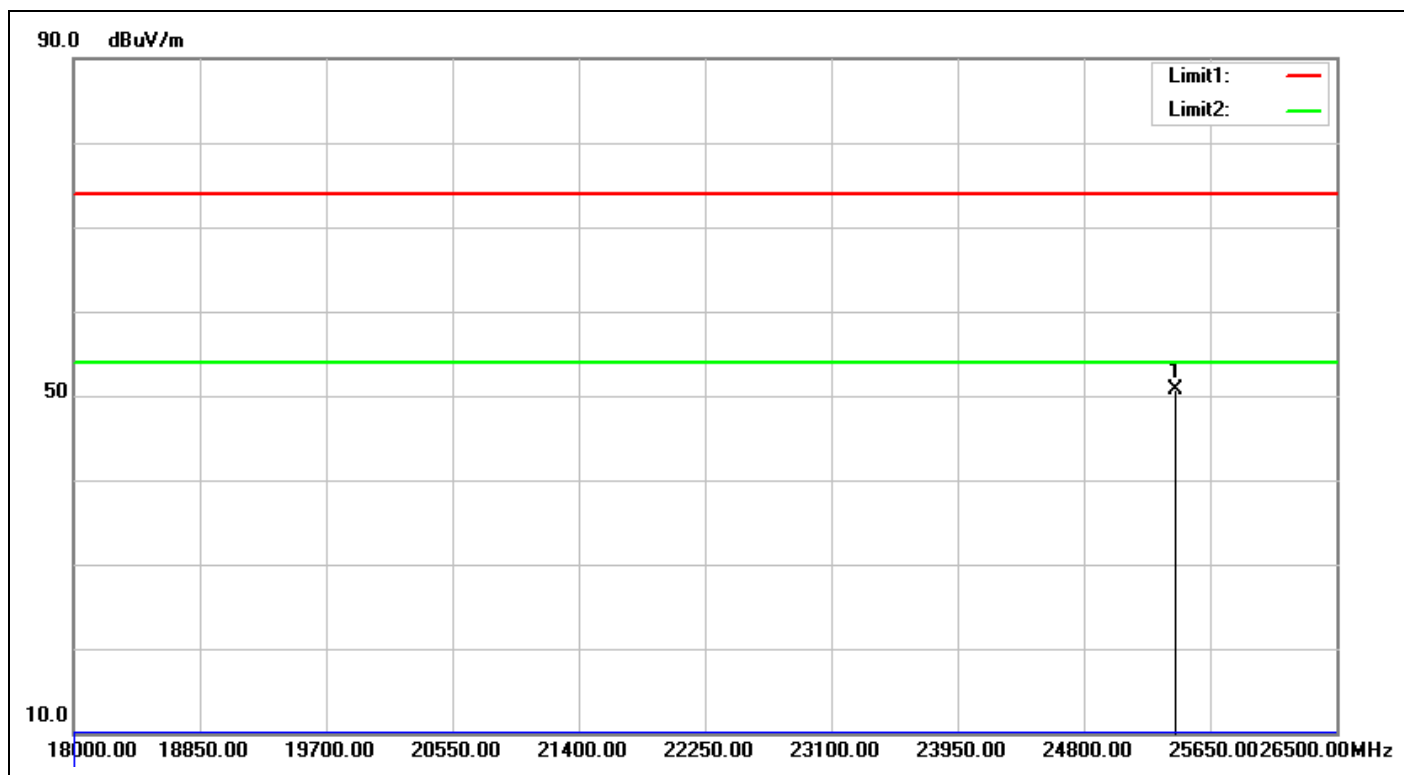
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 09:43:22
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21536.000	29.74	18.89	48.63	74.00	-25.37	peak	100	103	



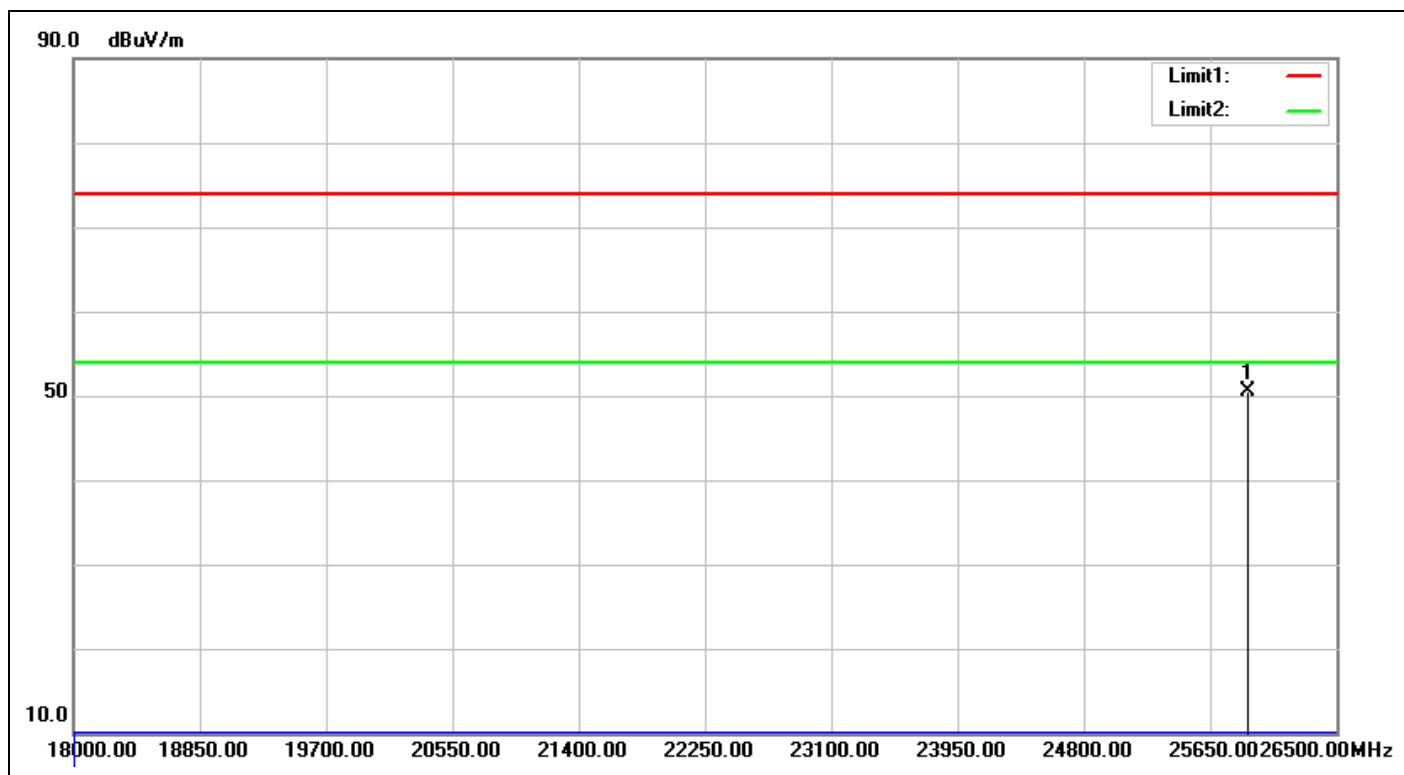
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 09:45:41
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20295.000	29.82	18.99	48.81	74.00	-25.19	peak	100	34	



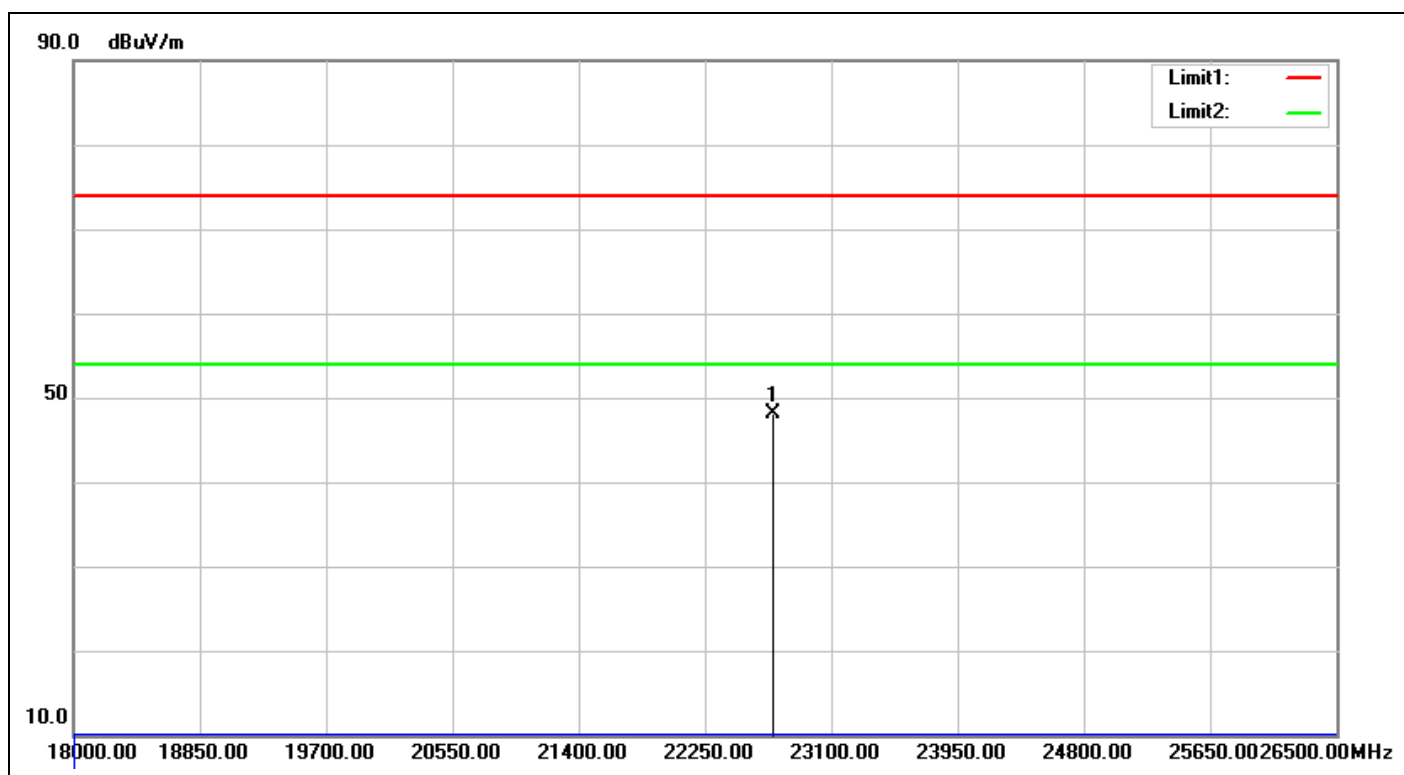
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 09:46:44
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2402-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25412.000	31.51	19.15	50.66	74.00	-23.34	peak	100	298	



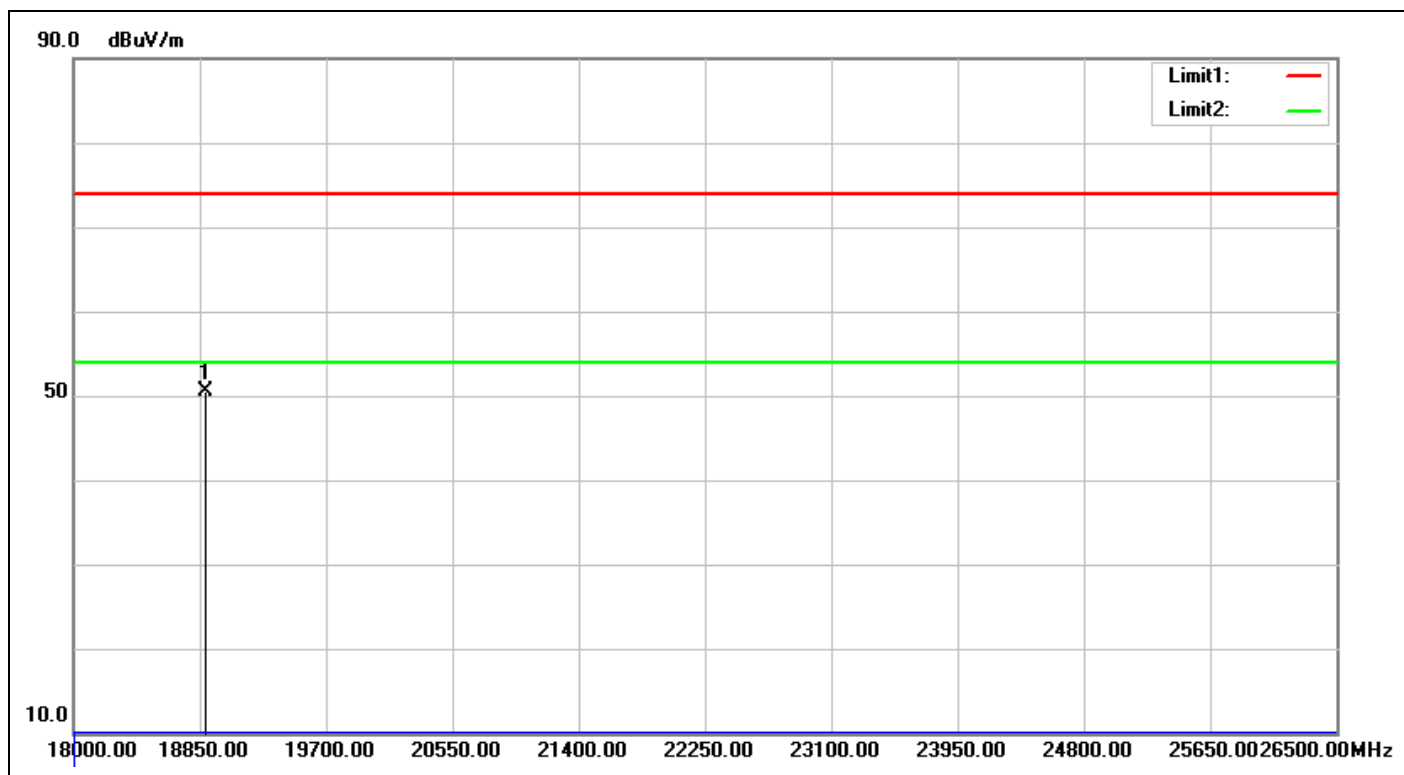
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 09:48:40
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25905.000	31.80	18.73	50.53	74.00	-23.47	peak	100	252	



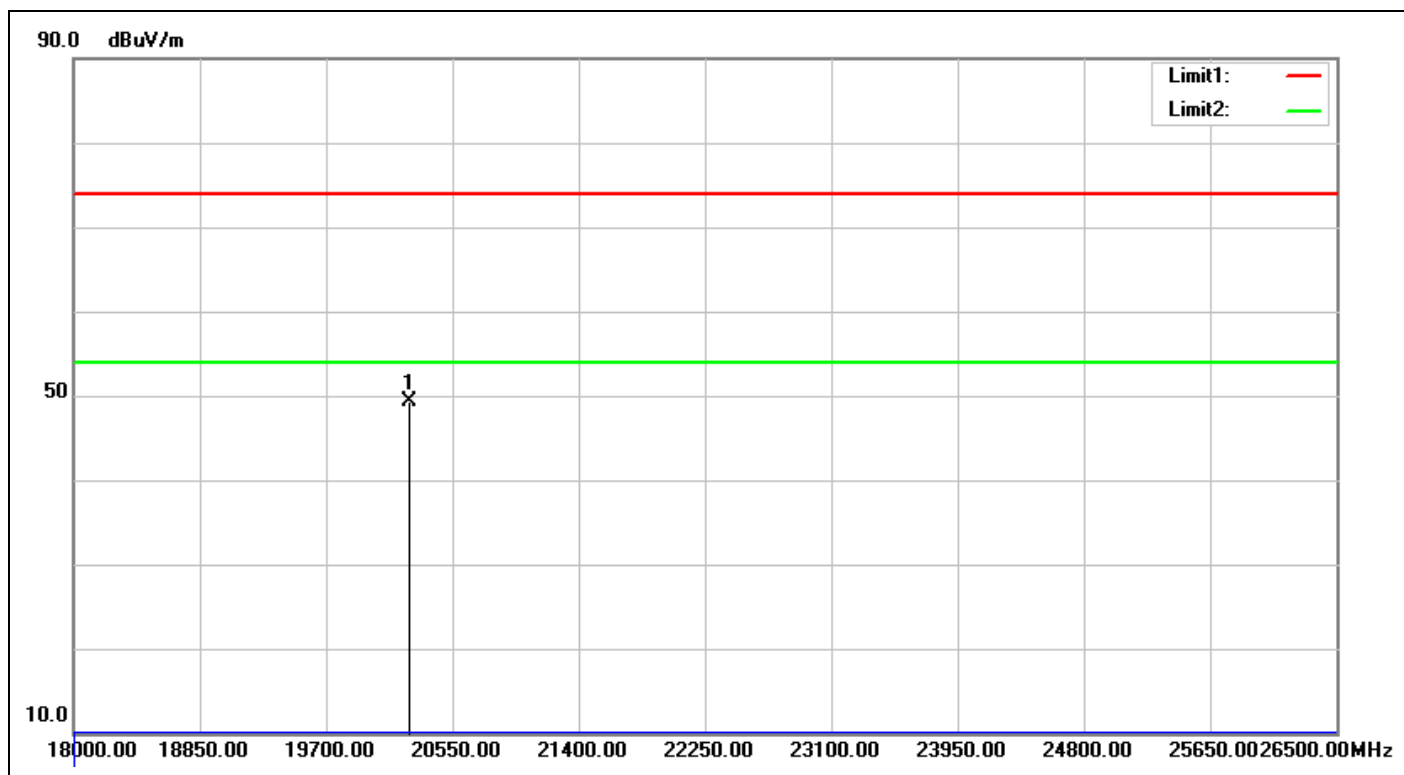
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 09:49:42
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22709.000	29.90	18.30	48.20	74.00	-25.80	peak	100	231	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 09:51:22
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18892.500	29.29	21.28	50.57	74.00	-23.43	peak	100	70	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 09:52:24
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2480-TX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20261.000	29.82	19.39	49.21	74.00	-24.79	peak	100	158	

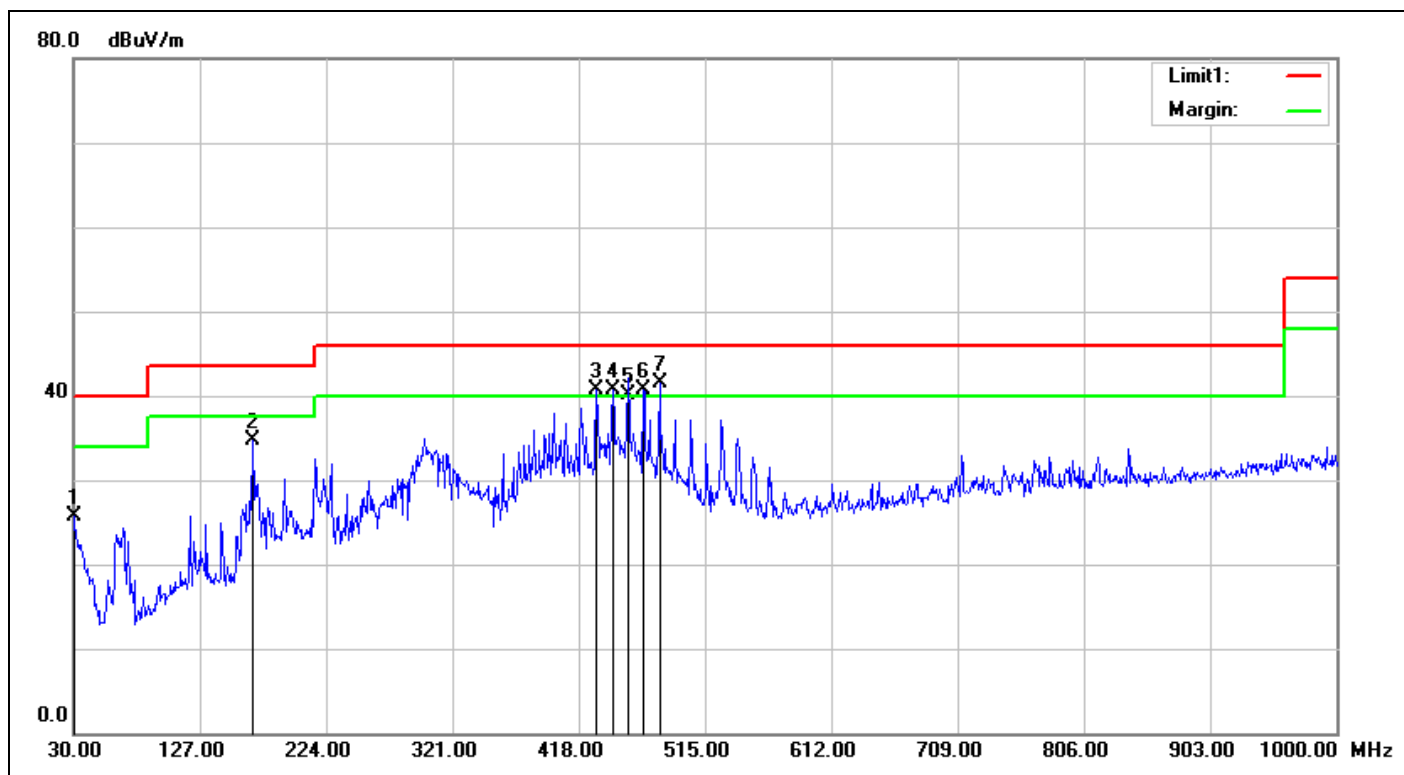
Spurious Emissions, TX Mode, 30M-1G



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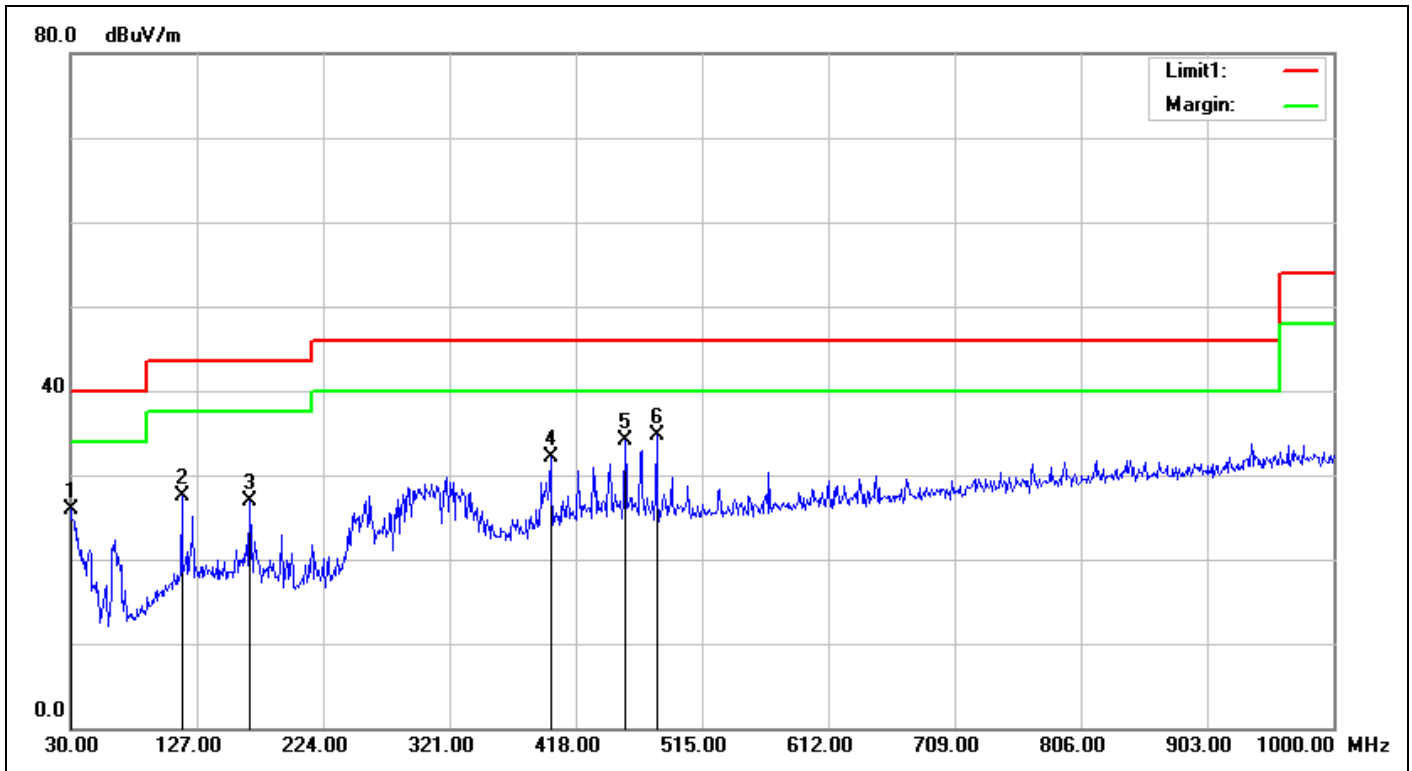
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 15:30:51
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	25.70	25.63	40.00	-14.37	QP	100	360	
2	167.7400	-8.76	43.53	34.77	43.50	-8.73	QP	200	84	
3	431.5800	-2.24	43.03	40.79	46.00	-5.21	QP	100	9	
4	444.1900	-2.08	42.74	40.66	46.00	-5.34	QP	200	180	
5	455.8300	-1.94	41.96	40.02	46.00	-5.98	QP	300	344	
6	467.4700	-1.79	42.40	40.61	46.00	-5.39	QP	200	172	
7	480.0800	-1.62	43.13	41.51	46.00	-4.49	QP	200	151	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 15:33:09
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-TX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	25.91	25.84	40.00	-14.16	QP	100	72	
2	115.3600	-7.72	35.29	27.57	43.50	-15.93	QP	100	293	
3	167.7400	-8.76	35.69	26.93	43.50	-16.57	QP	200	175	
4	398.6000	-2.67	34.80	32.13	46.00	-13.87	QP	100	35	
5	455.8300	-1.94	35.95	34.01	46.00	-11.99	QP	200	315	
6	480.0800	-1.62	36.37	34.75	46.00	-11.25	QP	200	242	

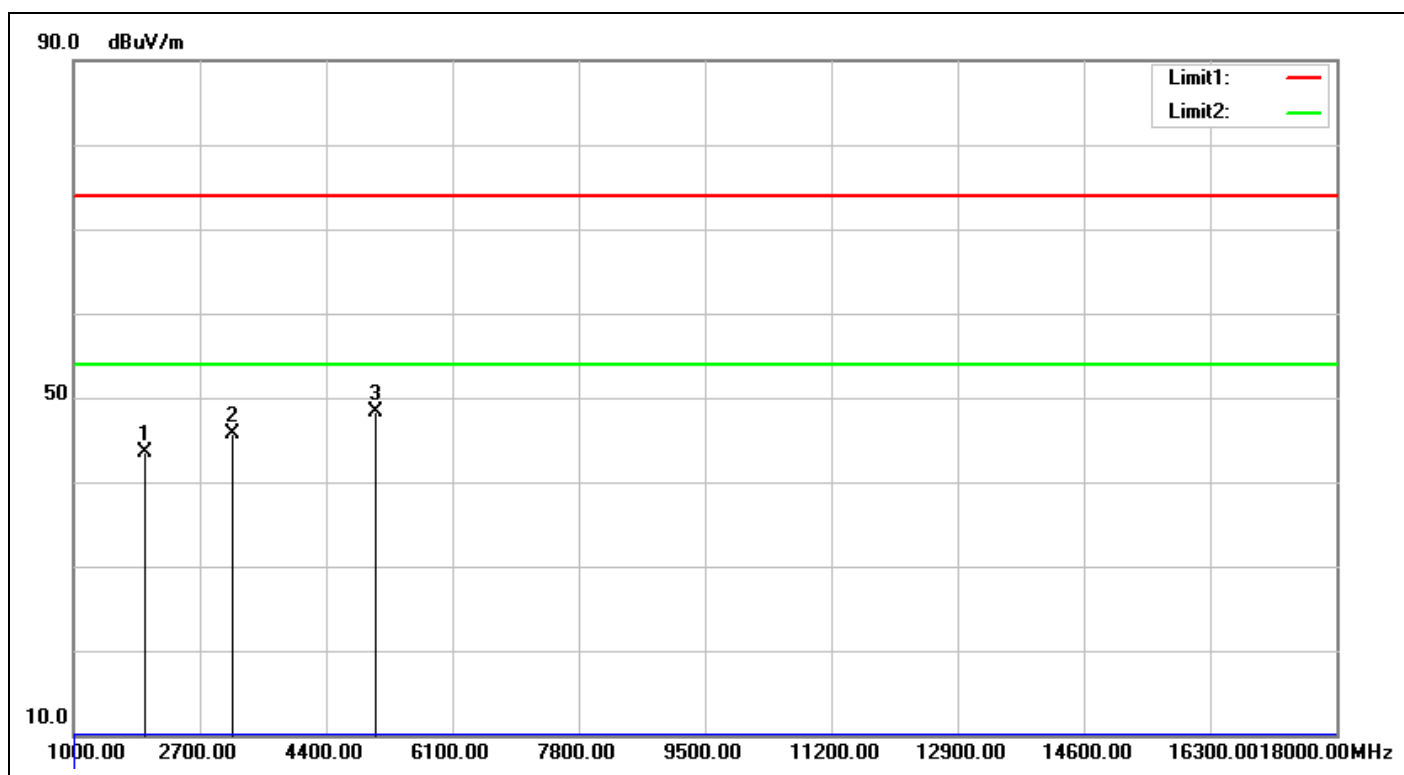
Spurious Emissions, RX Mode, 1-18G



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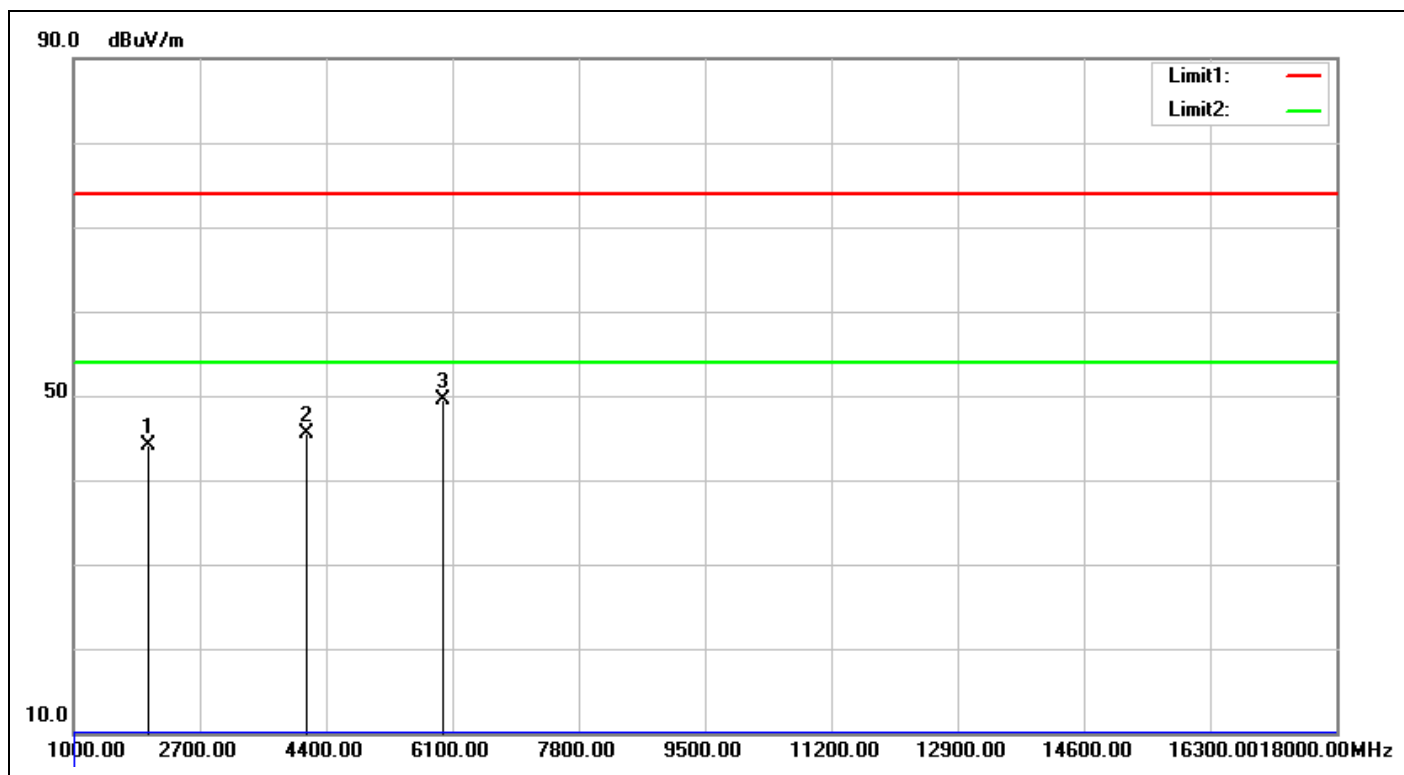
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 18:09:54
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	1DH5		

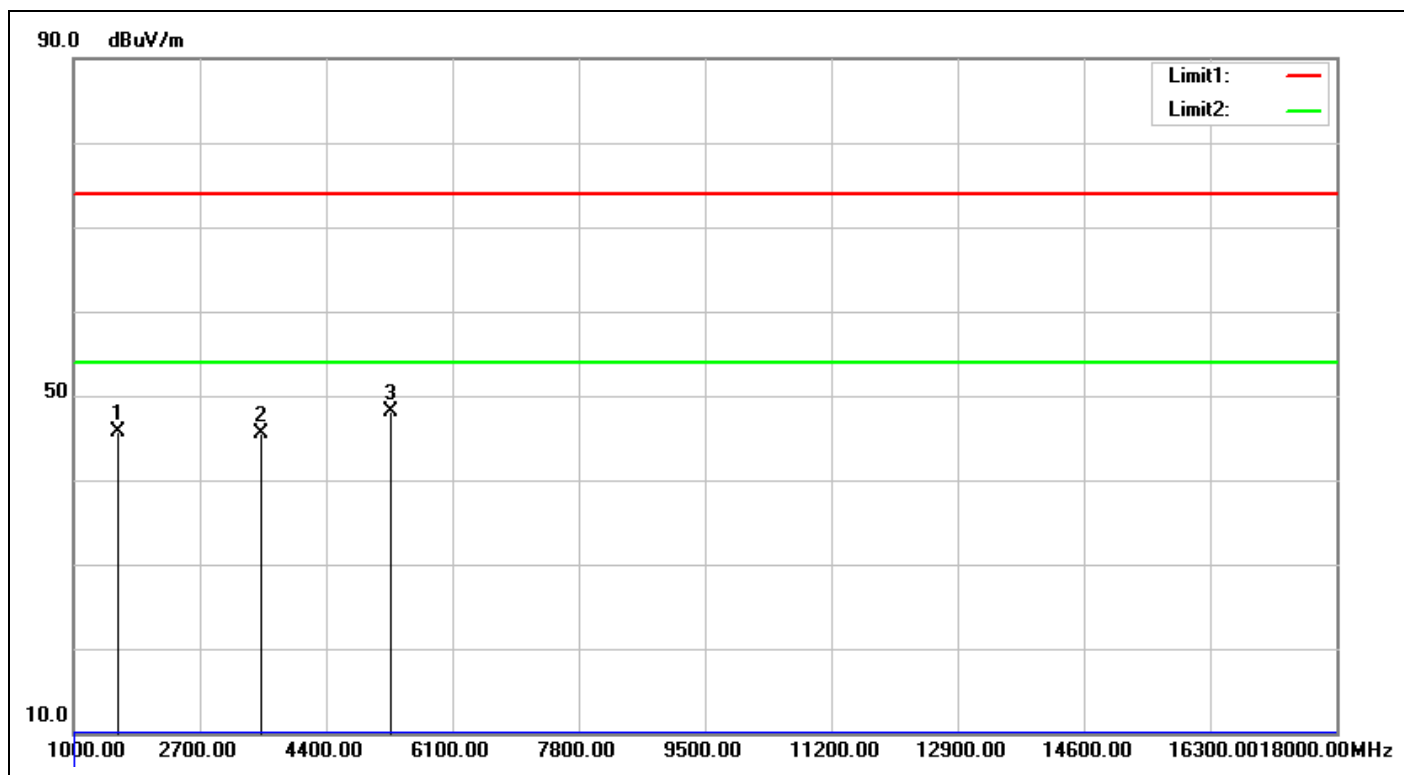
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1969.000	-7.35	50.89	43.54	74.00	-30.46	peak	100	135	
2	3142.000	-6.35	52.05	45.70	74.00	-28.30	peak	100	125	
3	5063.000	-1.86	50.20	48.34	74.00	-25.66	peak	100	295	

Spurious Emissions, RX Mode, 1-18G



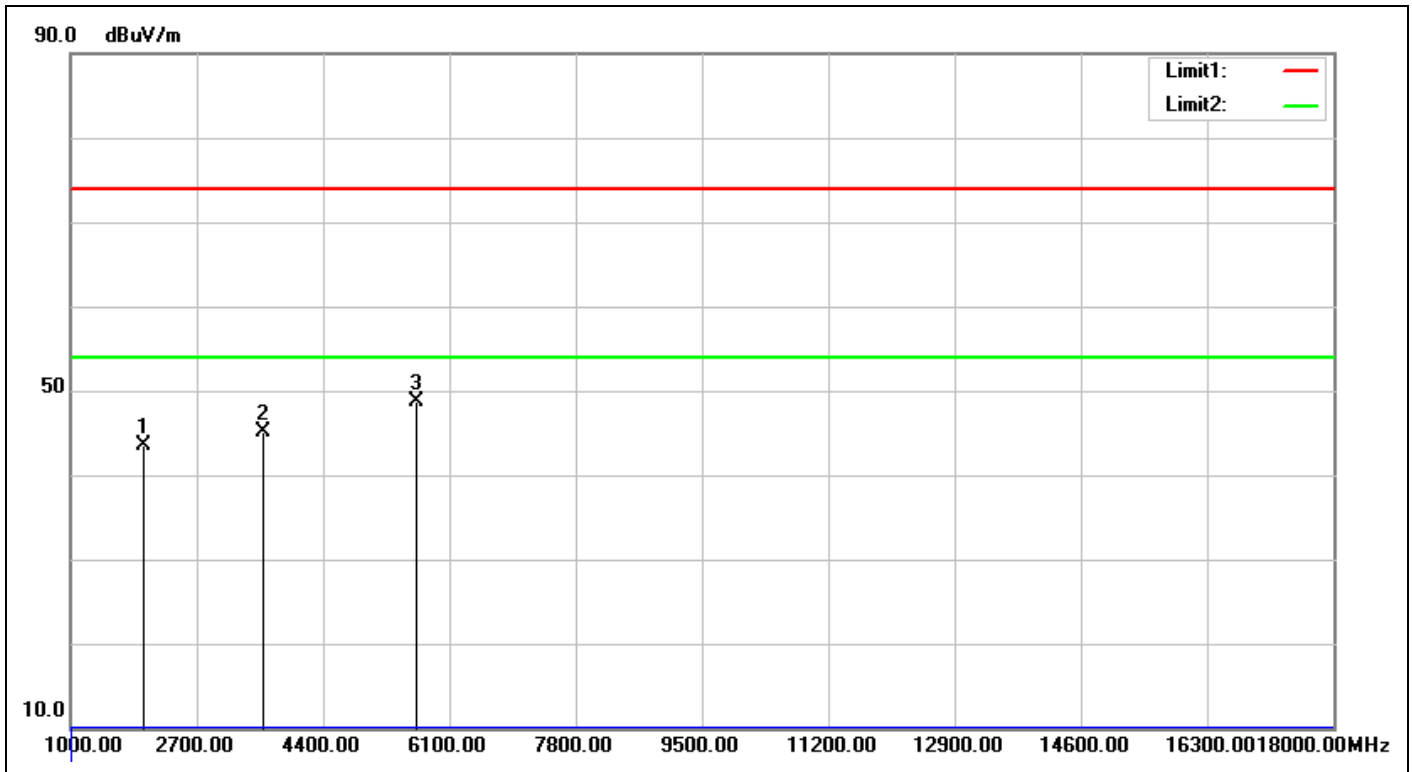
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/12 18:10:56
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QTECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2003.000	-7.16	51.26	44.10	74.00	-29.90	peak	100	274	
2	4145.000	-4.79	50.22	45.43	74.00	-28.57	peak	100	0	
3	5981.000	3.79	45.74	49.53	74.00	-24.47	peak	100	353	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/12 18:14:19
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1595.000	-9.71	55.41	45.70	74.00	-28.30	peak	100	15	
2	3533.000	-5.83	51.40	45.57	74.00	-28.43	peak	100	6	
3	5267.000	-0.79	48.97	48.18	74.00	-25.82	peak	100	62	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/12 18:15:21
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QTECG	Temp.(°C)/Hum.(%):	26.2(°C)/55%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1986.000	-7.23	50.77	43.54	74.00	-30.46	peak	100	8	
2	3584.000	-5.78	50.97	45.19	74.00	-28.81	peak	100	351	
3	5658.000	1.54	47.15	48.69	74.00	-25.31	peak	100	191	

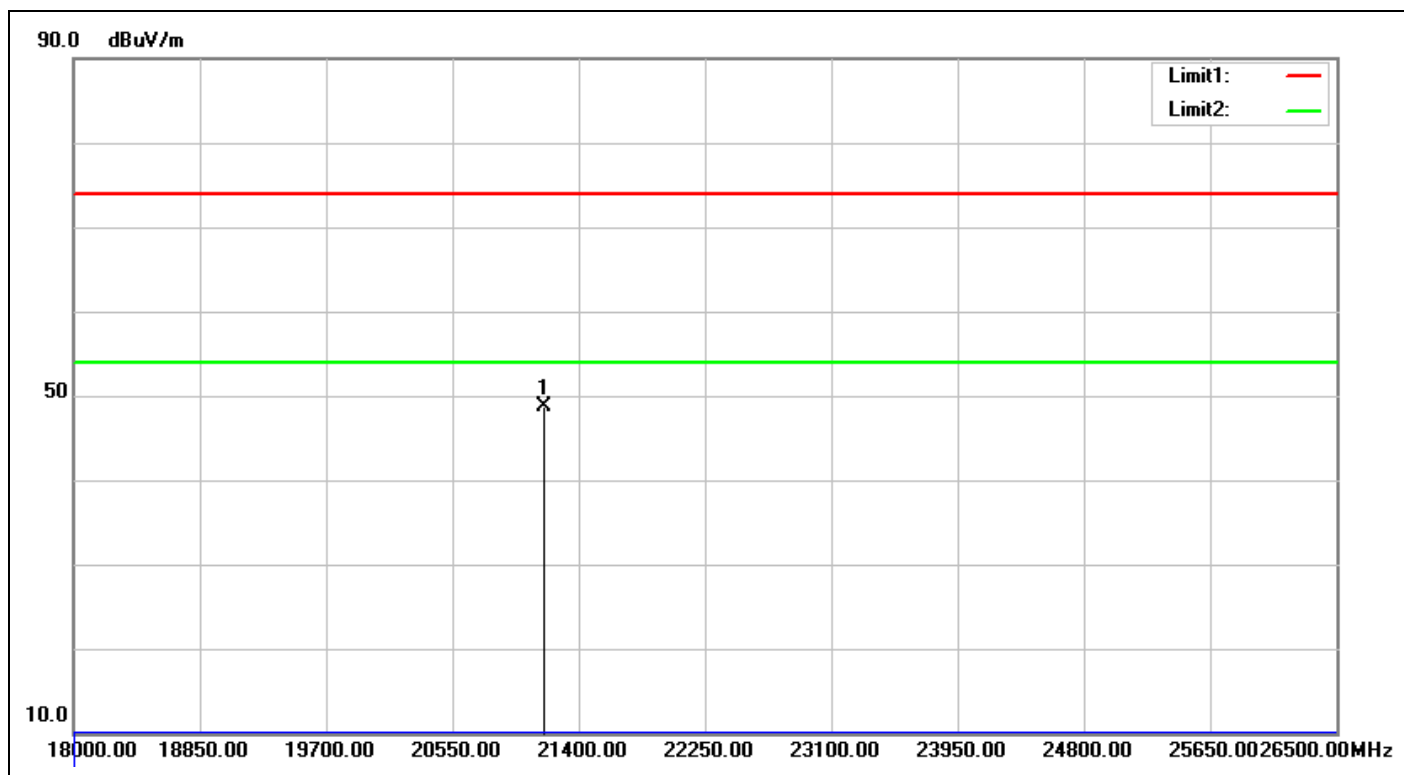
Spurious Emissions, RX Mode, 18-26G



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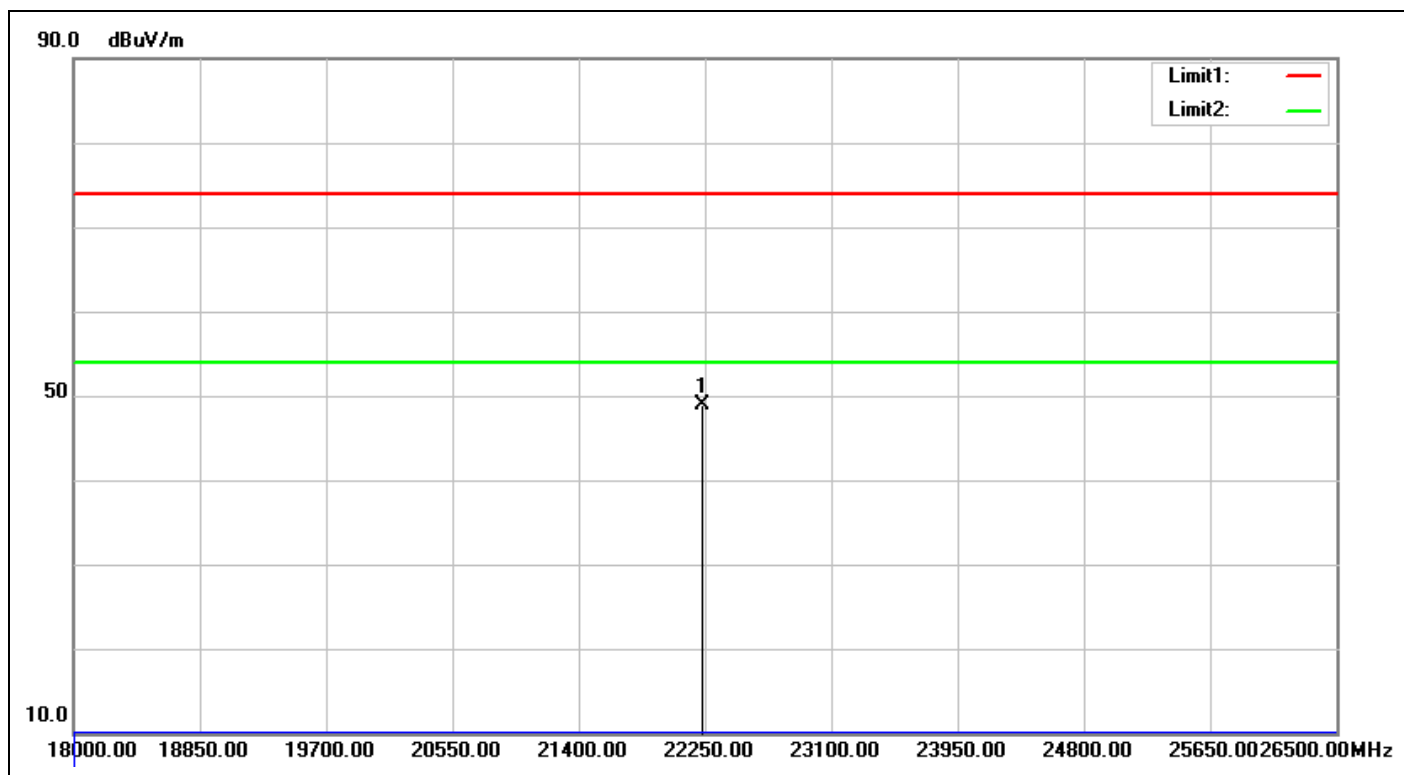
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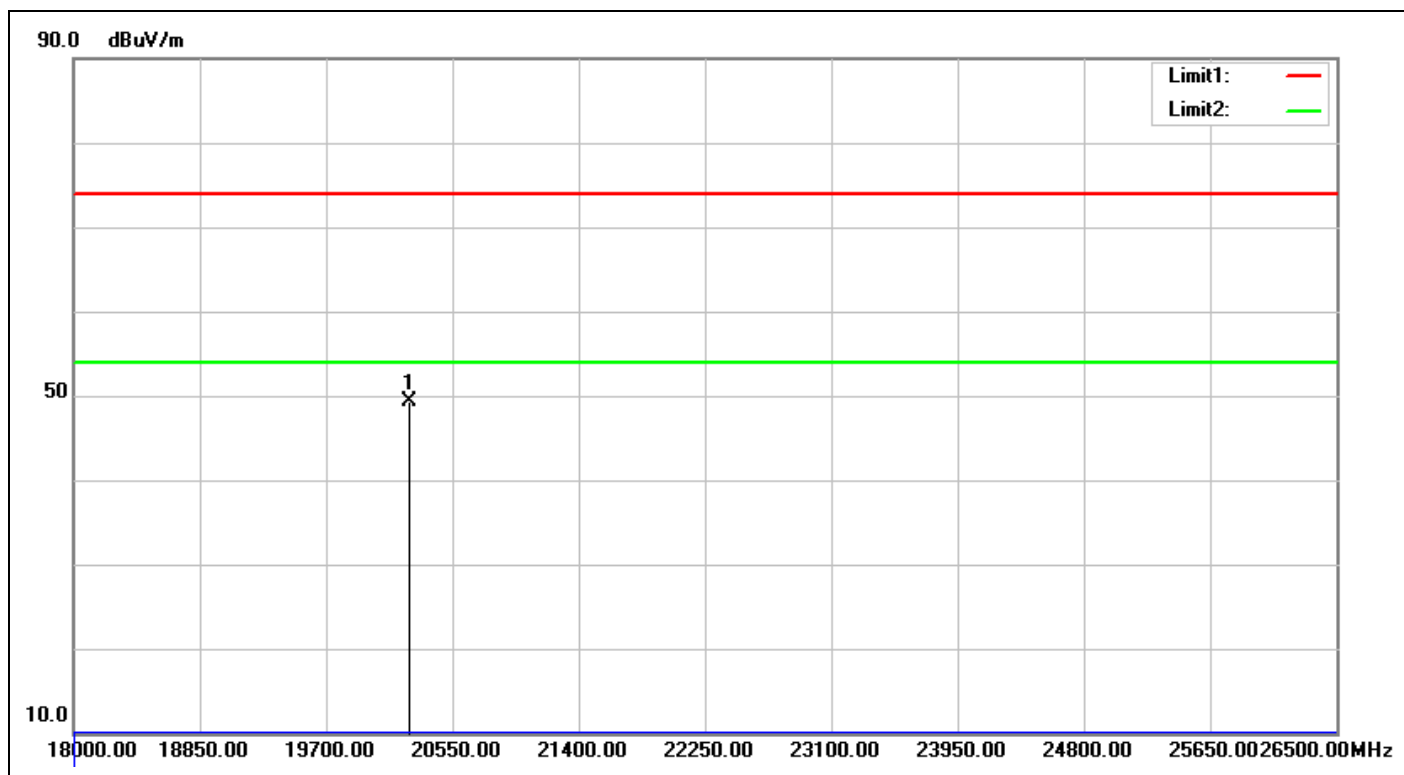
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 10:23:24
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21162.000	29.77	18.89	48.66	74.00	-25.34	peak	100	6	



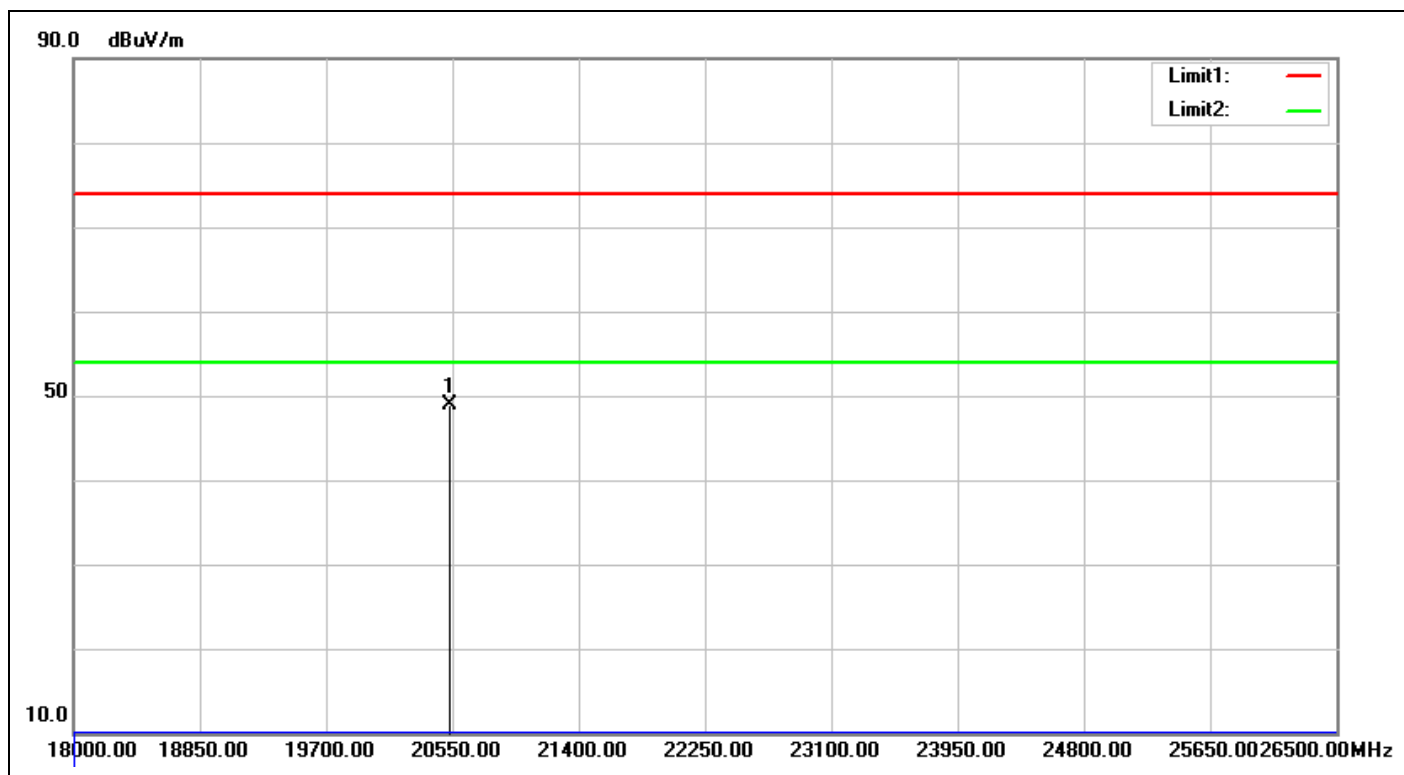
Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 10:24:26
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22233.000	29.77	19.08	48.85	74.00	-25.15	peak	100	95	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 10:26:30
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20261.000	29.82	19.50	49.32	74.00	-24.68	peak	100	273	



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 10:27:33
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	3DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20533.000	29.86	19.01	48.87	74.00	-25.13	peak	100	142	

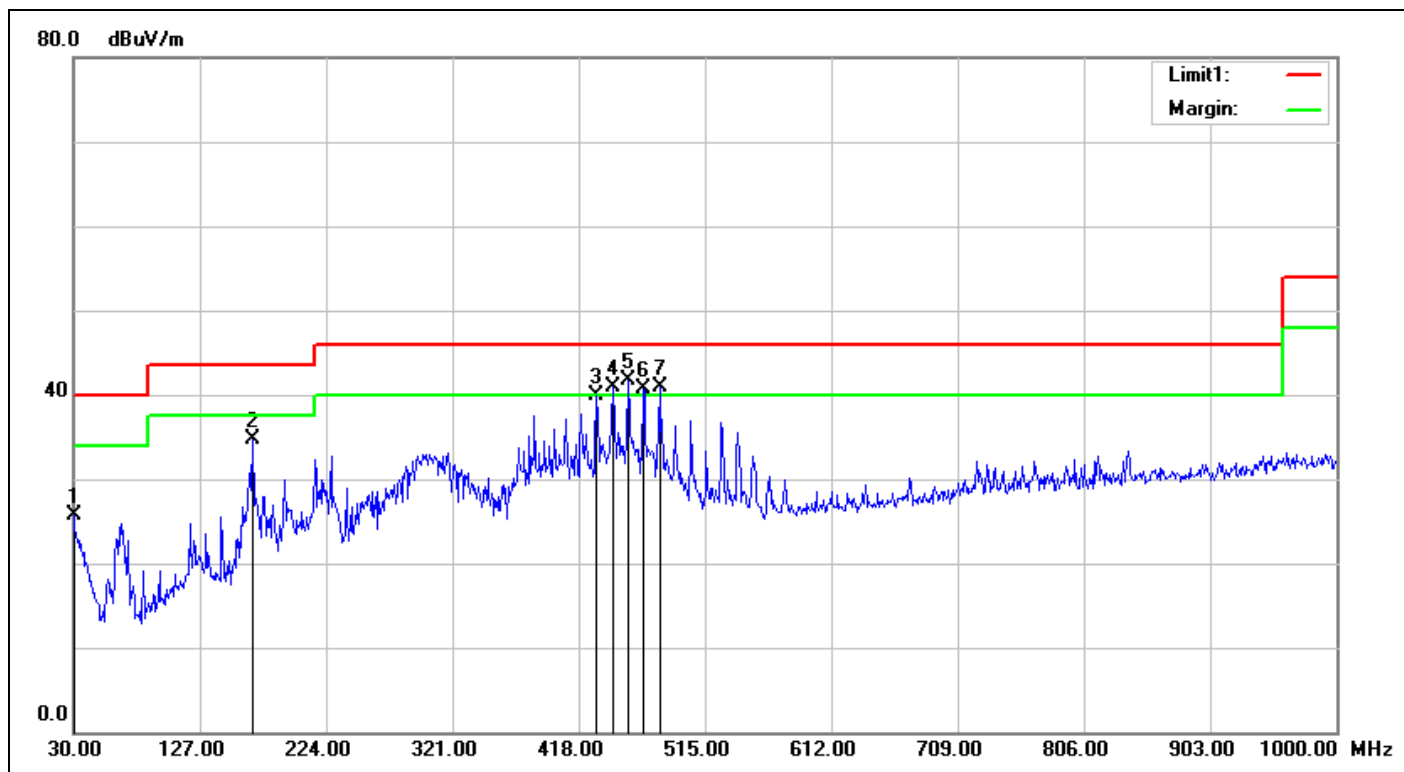
Spurious Emissions, RX Mode, 30M-1G



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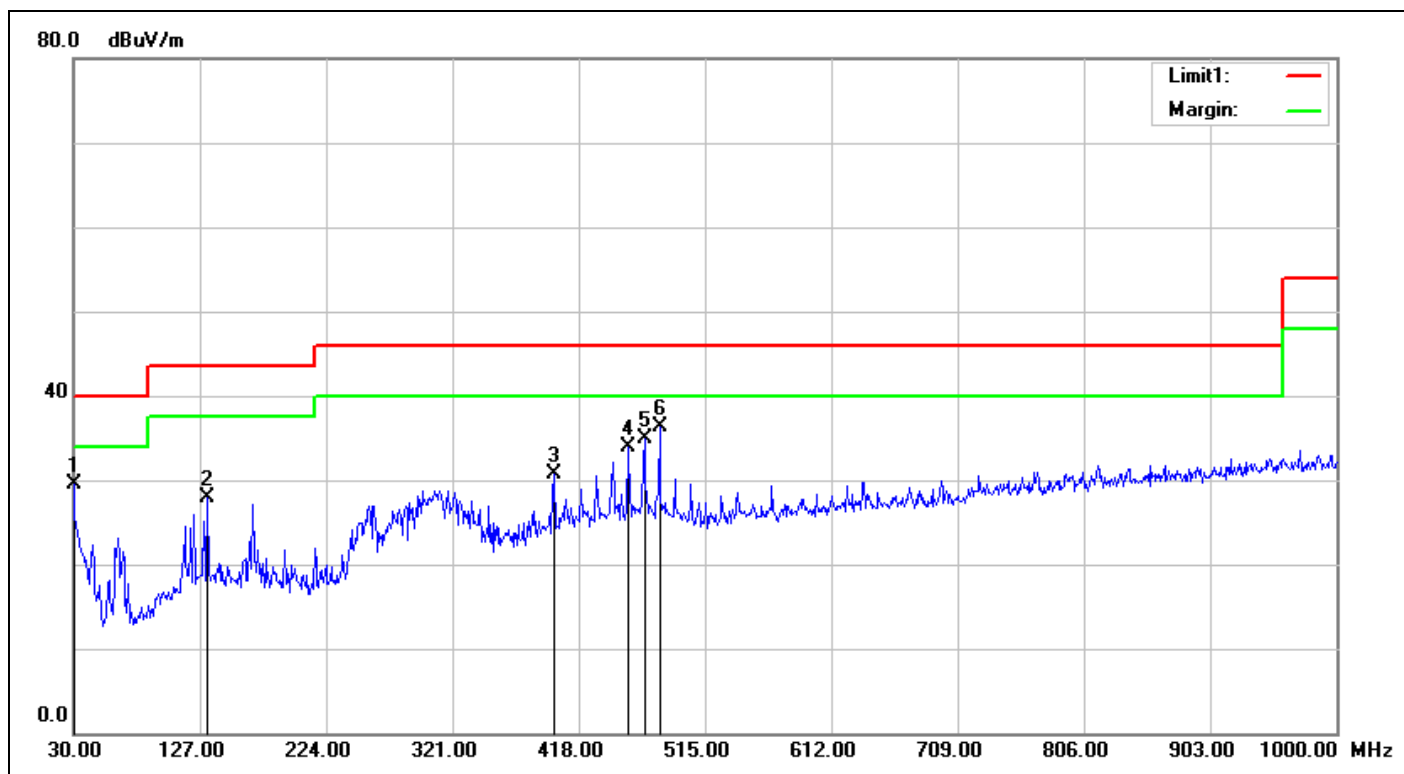
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Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/9/23 15:40:28
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%)	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	25.76	25.69	40.00	-14.31	QP	200	91	
2	167.7400	-8.76	43.42	34.66	43.50	-8.84	QP	200	70	
3	431.5800	-2.24	42.11	39.87	46.00	-6.13	QP	200	180	
4	444.1900	-2.08	42.99	40.91	46.00	-5.09	QP	300	172	
5	455.8300	-1.94	43.59	41.65	46.00	-4.35	QP	300	190	
6	467.4700	-1.79	42.56	40.77	46.00	-5.23	QP	400	167	
7	480.0800	-1.62	42.45	40.83	46.00	-5.17	QP	200	161	

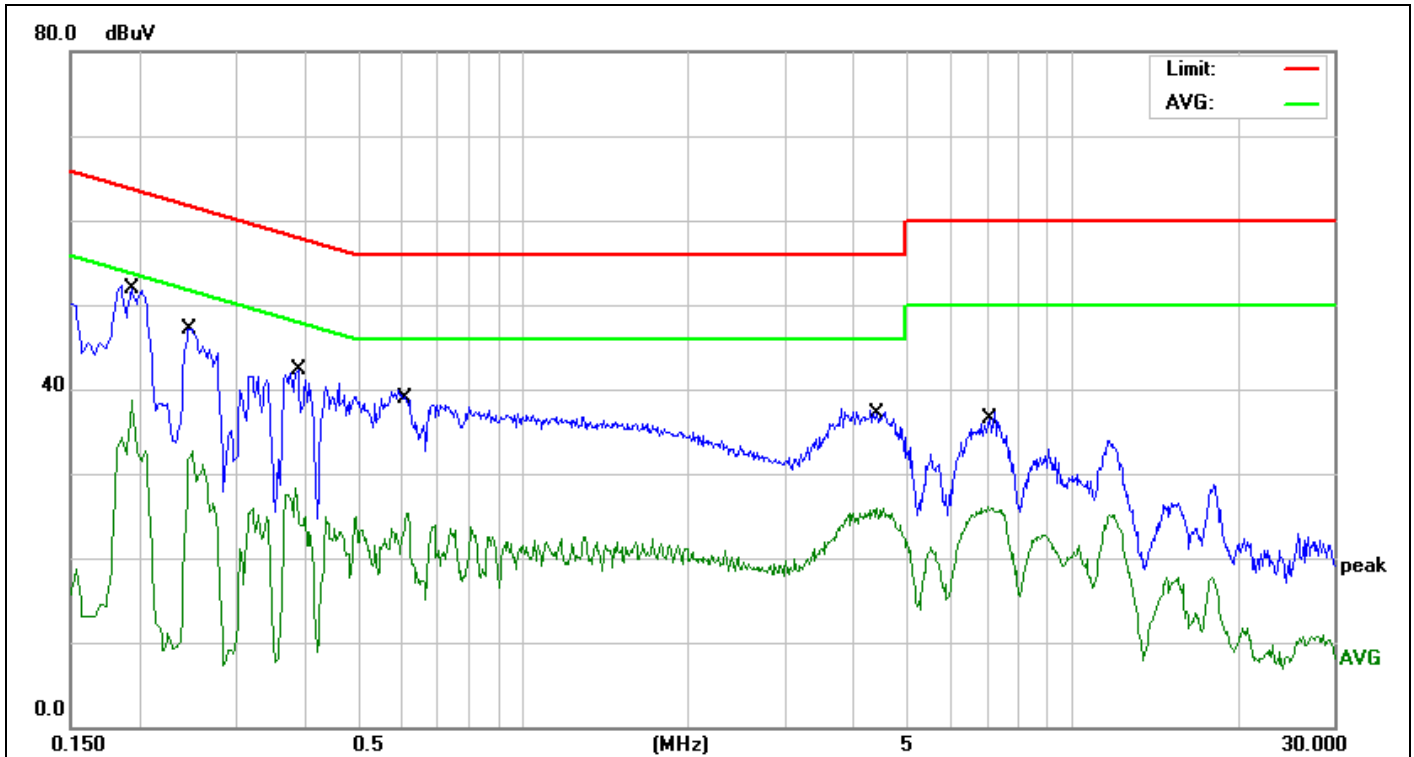
Spurious Emissions, RX Mode, 30M-1G



Service No.:	114071593	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/9/23 15:42:46
Applicant:	QT Medical	Test Rating:	DC 3.7V
Product:	QT ECG	Temp.(°C)/Hum.(%):	23.5(°C)/54%
Model No.:	QTERD100	Test Engineer:	Kai Wang
Test Mode:	2441-RX		
Remark:	1DH5		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	29.48	29.41	40.00	-10.59	QP	115	360	
2	132.8200	-6.97	34.84	27.87	43.50	-15.63	QP	100	43	
3	399.5700	-2.66	33.43	30.77	46.00	-15.23	QP	100	62	
4	455.8300	-1.94	35.89	33.95	46.00	-12.05	QP	200	218	
5	468.4400	-1.78	36.62	34.84	46.00	-11.16	QP	200	237	
6	480.0800	-1.62	37.83	36.21	46.00	-9.79	QP	200	210	

Mains Spurious Emissions



Service No.: 114071593

Test Standard: NCC Class B(QP)

Probe: L1

Test item: Conduction Emission

Test Time: 2016/9/14 14:39:18

Applicant: QT Medical

Test Rating: DC 3.7V

Product: QT ECG

Temp.(°C)/Hum.(%): 23.2(°C)/46%

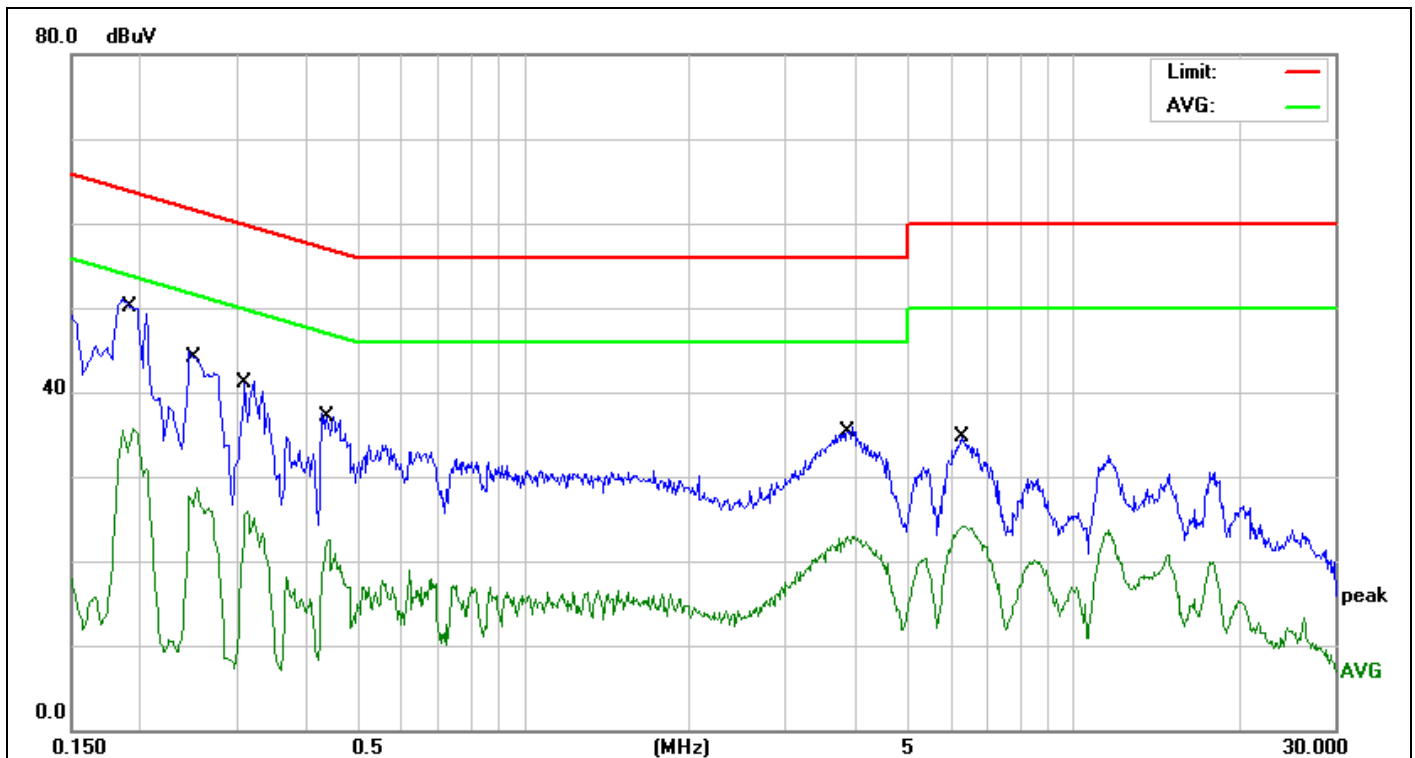
Model No.: QTERD100

Test Engineer: Kai Wang

Test Mode: Mains

Remark:

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1940	9.76	38.34	48.10	63.86	-15.76	QP	
2	0.1940	9.76	23.65	33.41	53.86	-20.45	AVG	
3	0.2500	9.75	33.13	42.88	61.75	-18.87	QP	
4	0.2500	9.75	19.54	29.29	51.75	-22.46	AVG	
5	0.3860	9.75	28.62	38.37	58.15	-19.78	QP	
6	0.3860	9.75	15.95	25.70	48.15	-22.45	AVG	
7	0.6180	9.75	26.87	36.62	56.00	-19.38	QP	
8	0.6180	9.75	14.39	24.14	46.00	-21.86	AVG	
9	4.4220	9.80	22.41	32.21	56.00	-23.79	QP	
10	4.4220	9.80	14.67	24.47	46.00	-21.53	AVG	
11	7.0580	9.81	19.75	29.56	60.00	-30.44	QP	
12	7.0580	9.81	15.36	25.17	50.00	-24.83	AVG	



Service No.: 114071593

Test Standard: NCC Class B(QP)

Probe: N

Test item: Conduction Emission

Test Time: 2016/9/14 14:42:00

Applicant: QT Medical

Test Rating: DC 3.7V

Product: QT ECG

Temp.(°C)/Hum.(%): 23.2(°C)/46%

Model No.: QTERD100

Test Engineer: Kai Wang

Test Mode: Mains

Remark:

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1940	9.69	37.05	46.74	63.86	-17.12	QP	
2	0.1940	9.69	23.57	33.26	53.86	-20.60	AVG	
3	0.2540	9.68	30.49	40.17	61.62	-21.45	QP	
4	0.2540	9.68	16.80	26.48	51.62	-25.14	AVG	
5	0.3140	9.68	27.12	36.80	59.86	-23.06	QP	
6	0.3140	9.68	14.52	24.20	49.86	-25.66	AVG	
7	0.4420	9.68	24.23	33.91	57.02	-23.11	QP	
8	0.4420	9.68	10.92	20.60	47.02	-26.42	AVG	
9	3.8900	9.70	20.70	30.40	56.00	-25.60	QP	
10	3.8900	9.70	11.71	21.41	46.00	-24.59	AVG	
11	6.1820	9.74	18.43	28.17	60.00	-31.83	QP	
12	6.1820	9.74	13.36	23.10	50.00	-26.90	AVG	