

Test Report No.10043757 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10043757AppendixD)

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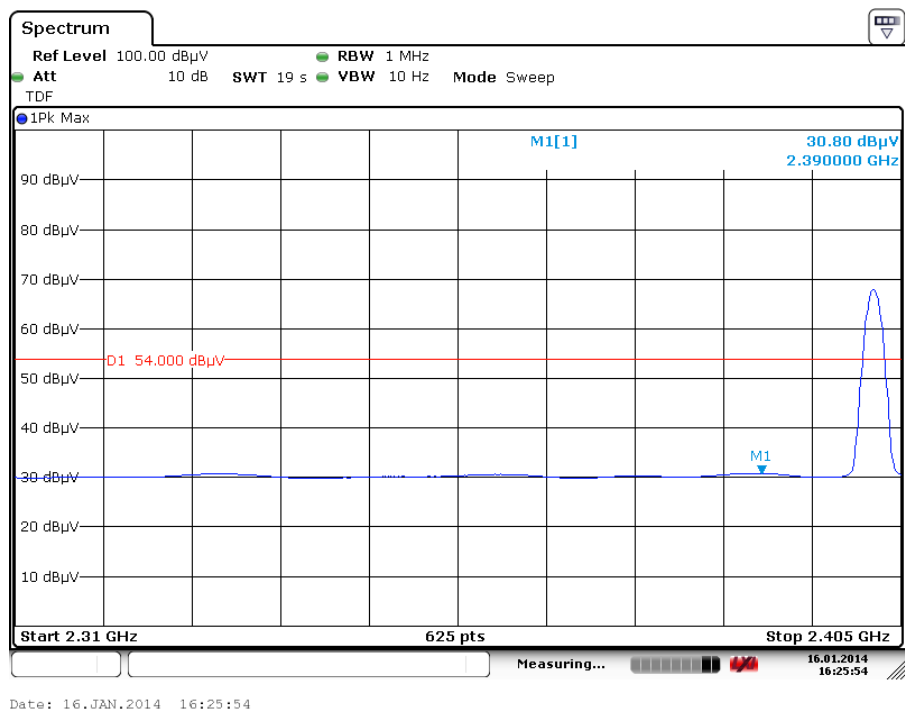
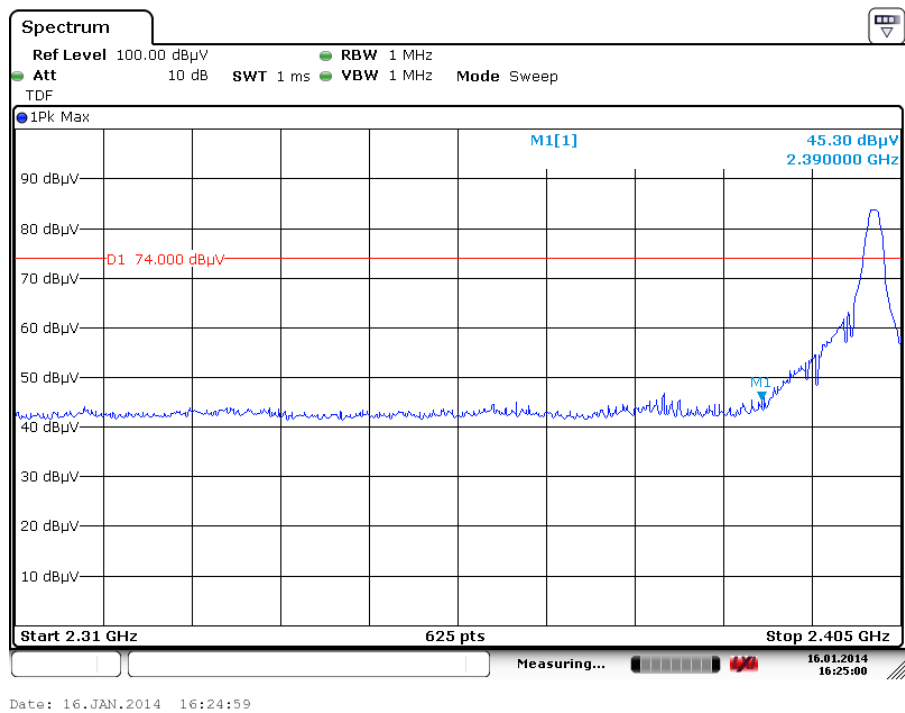
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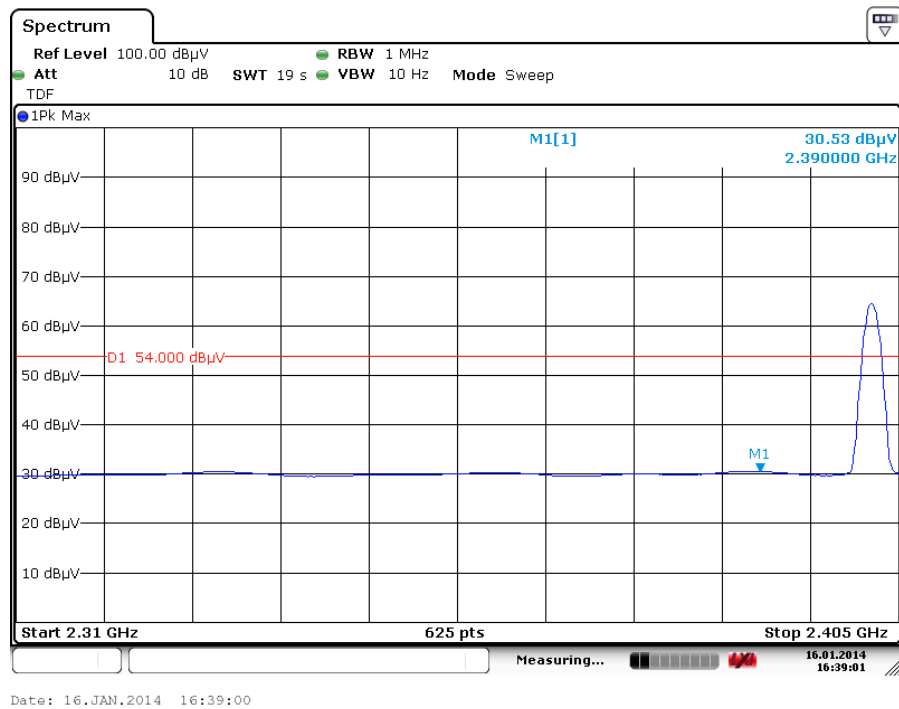
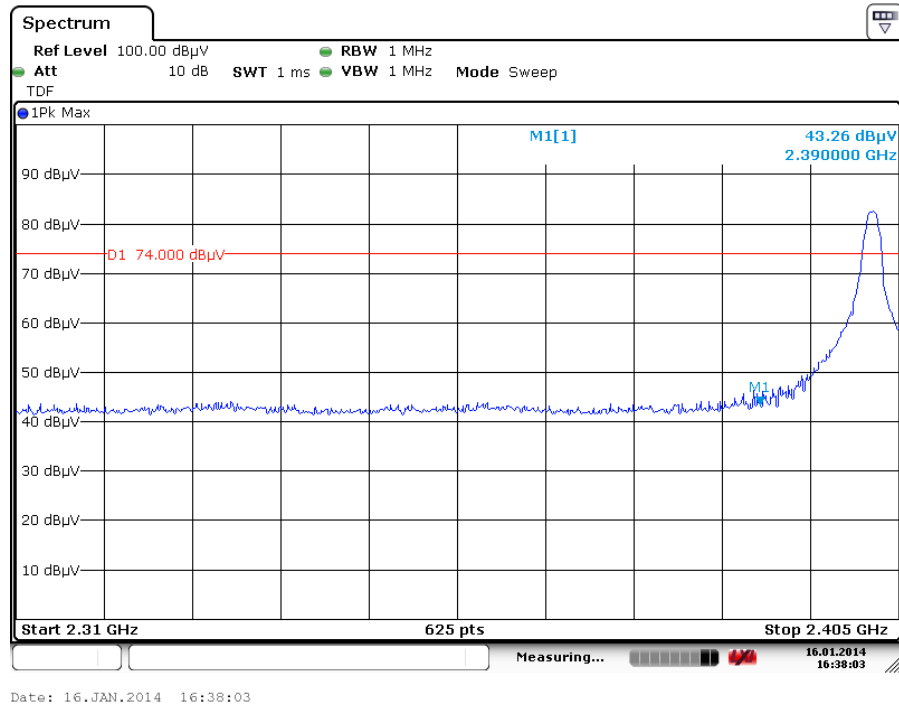
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Radiated Bandedge (GFSK)

Low Channel (Hor)



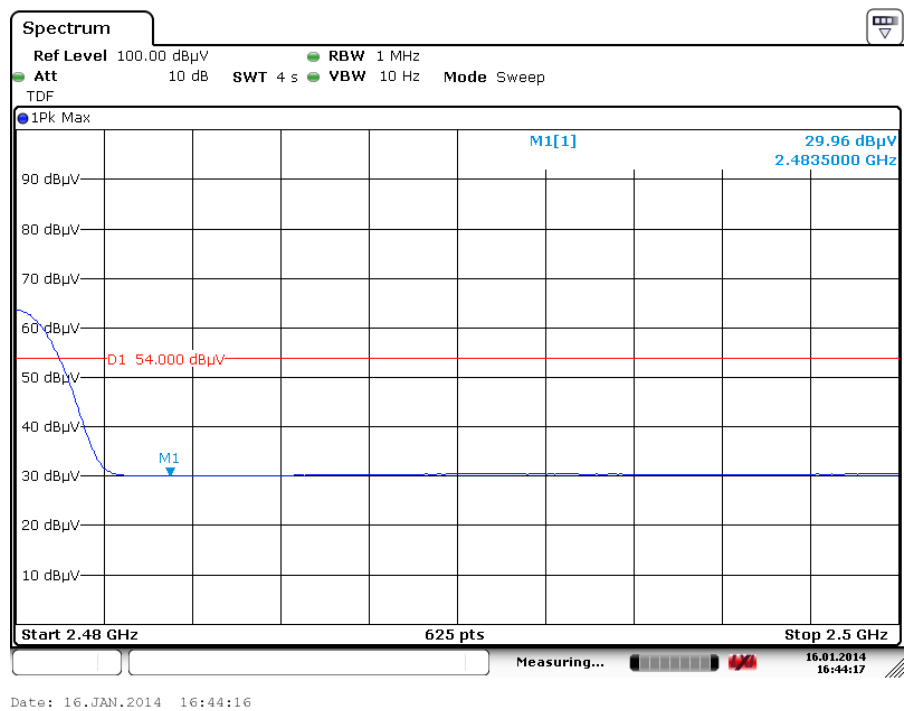
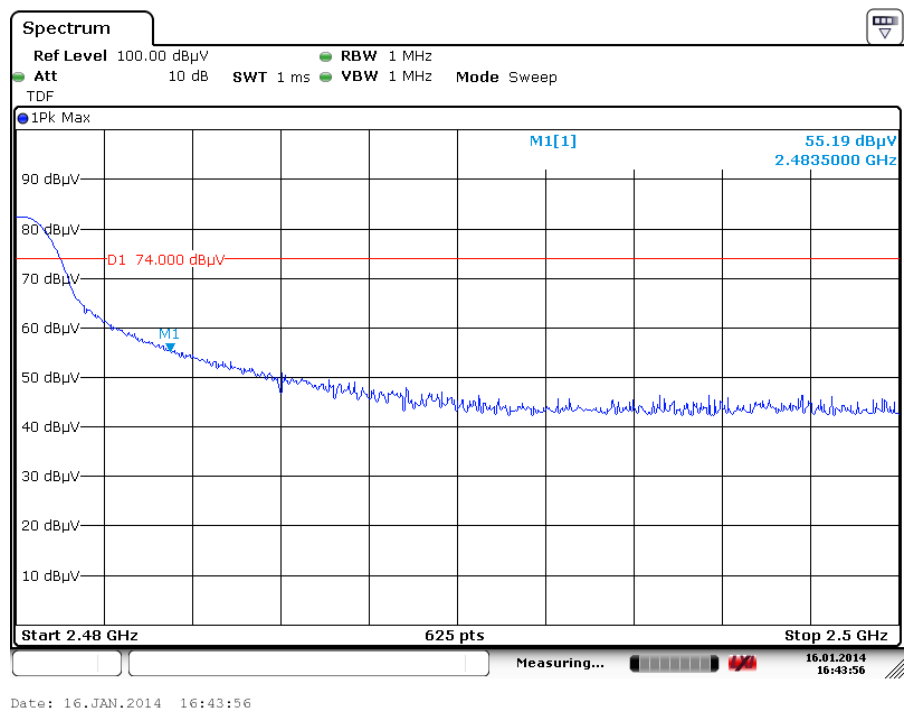
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

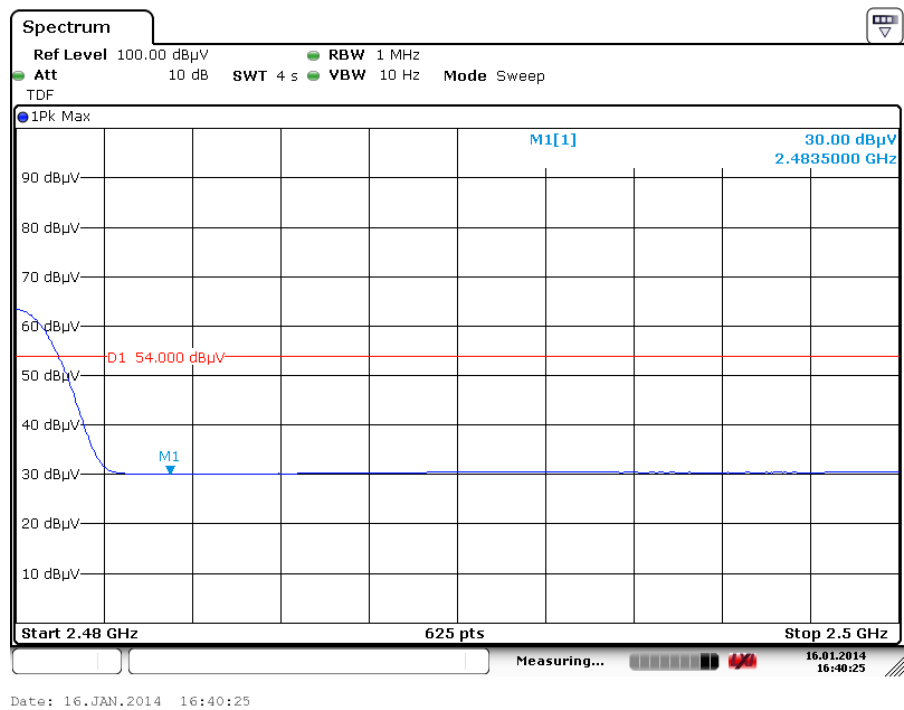
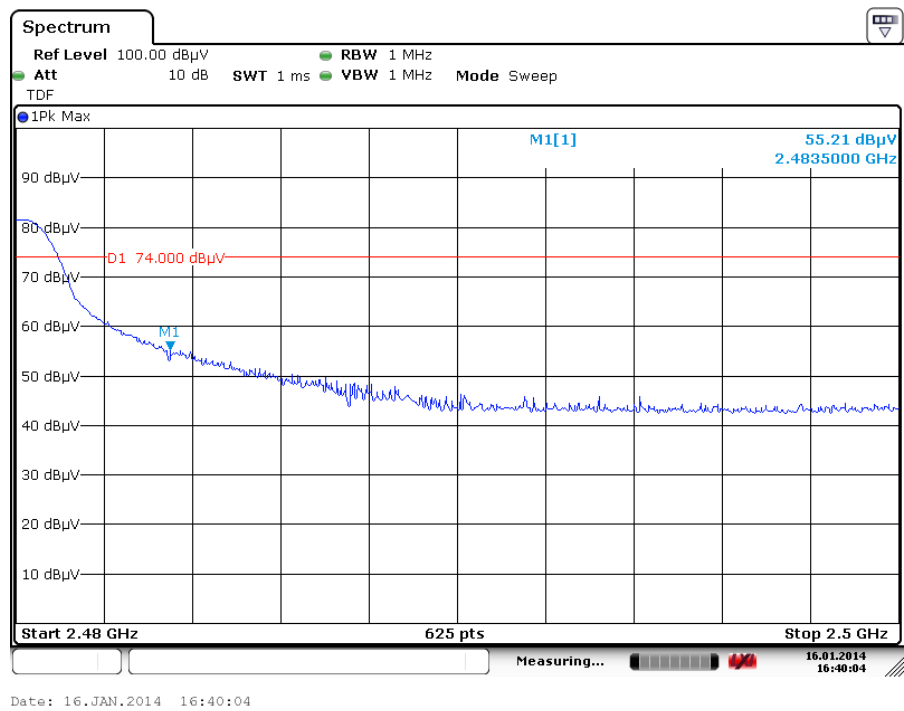
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

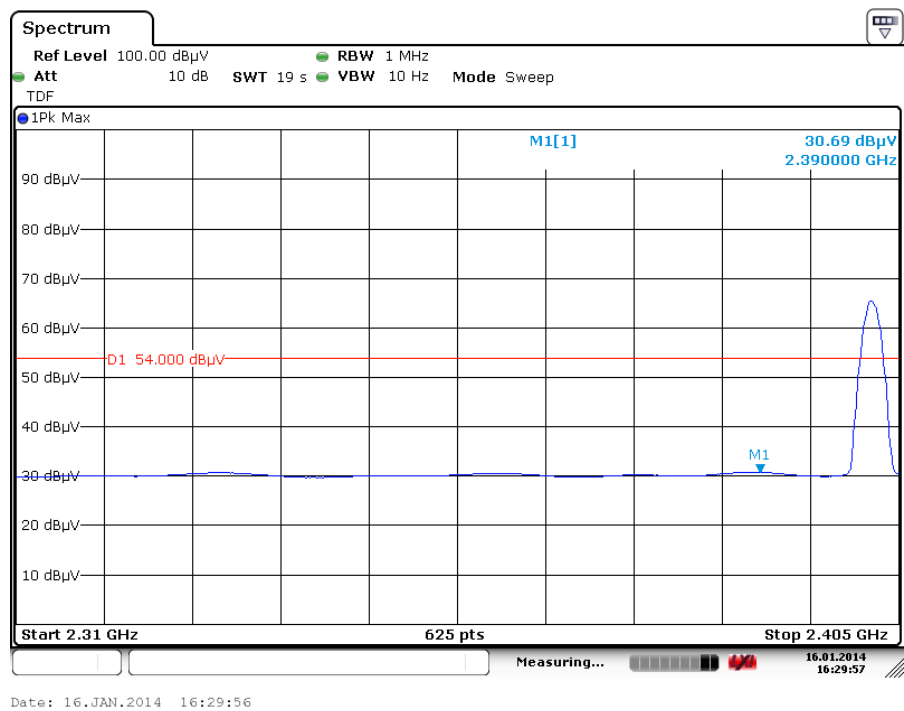
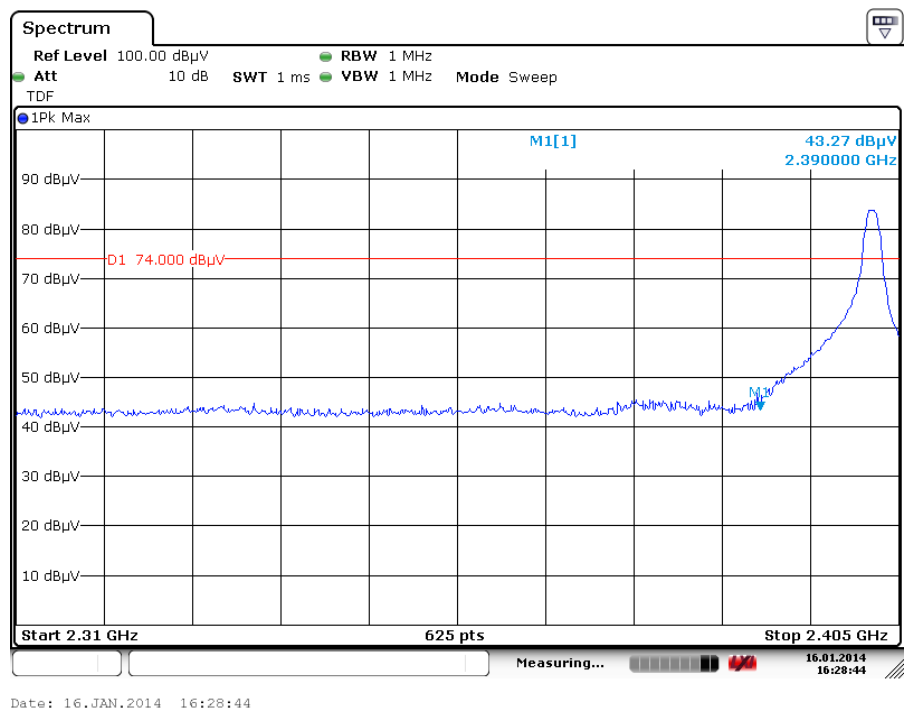
High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

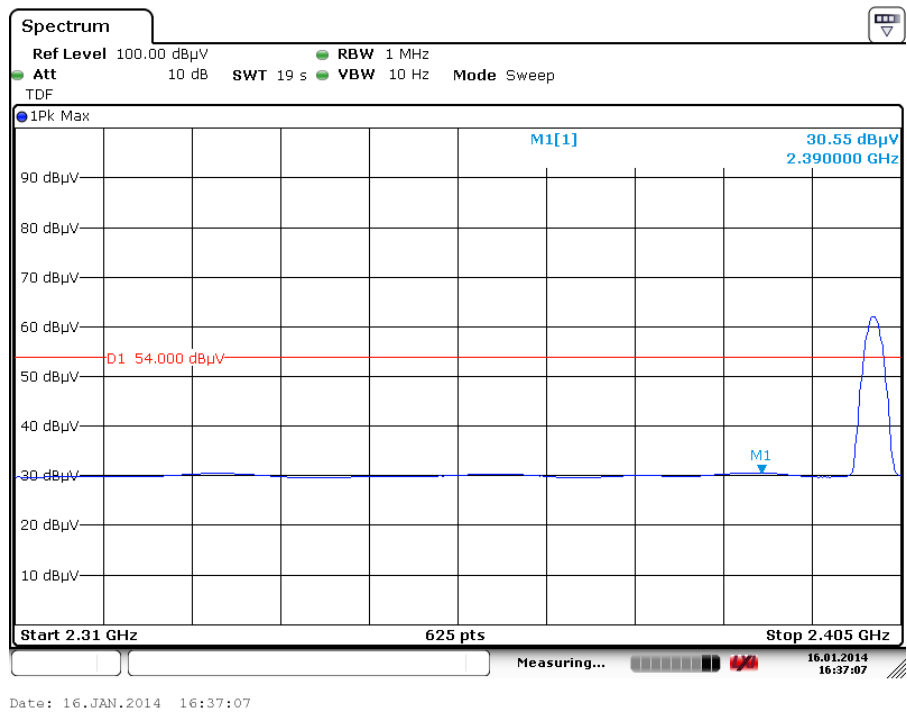
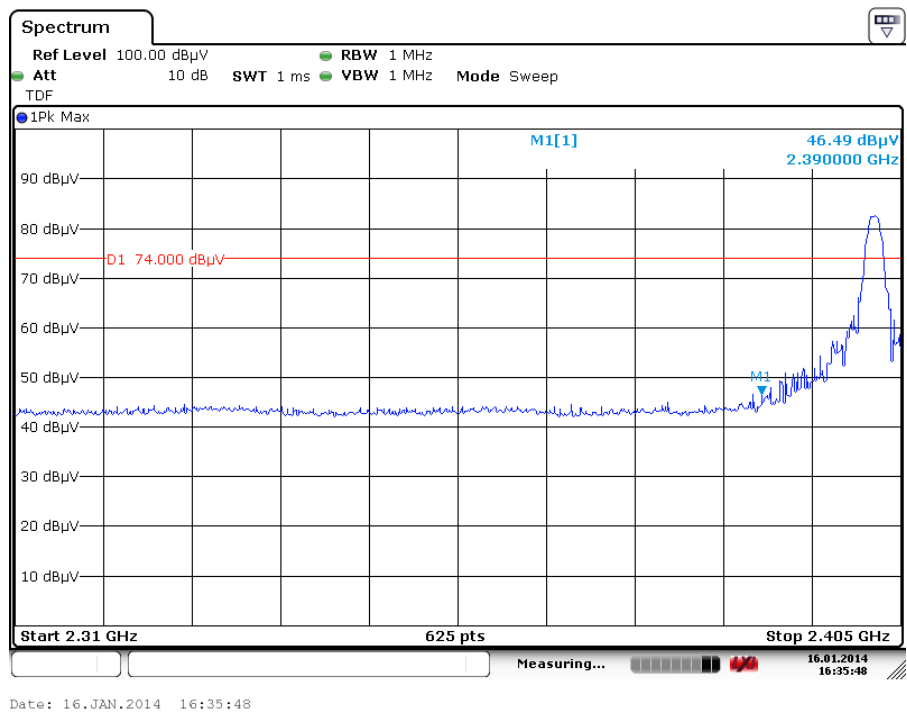
Radiated Bandedge (8DPSK)

Low Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

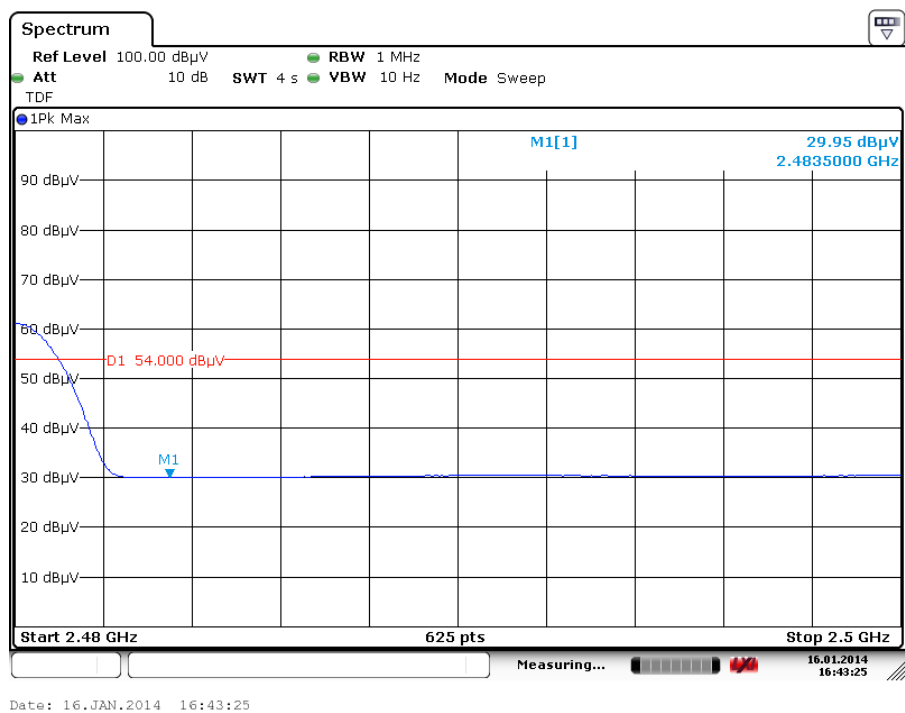
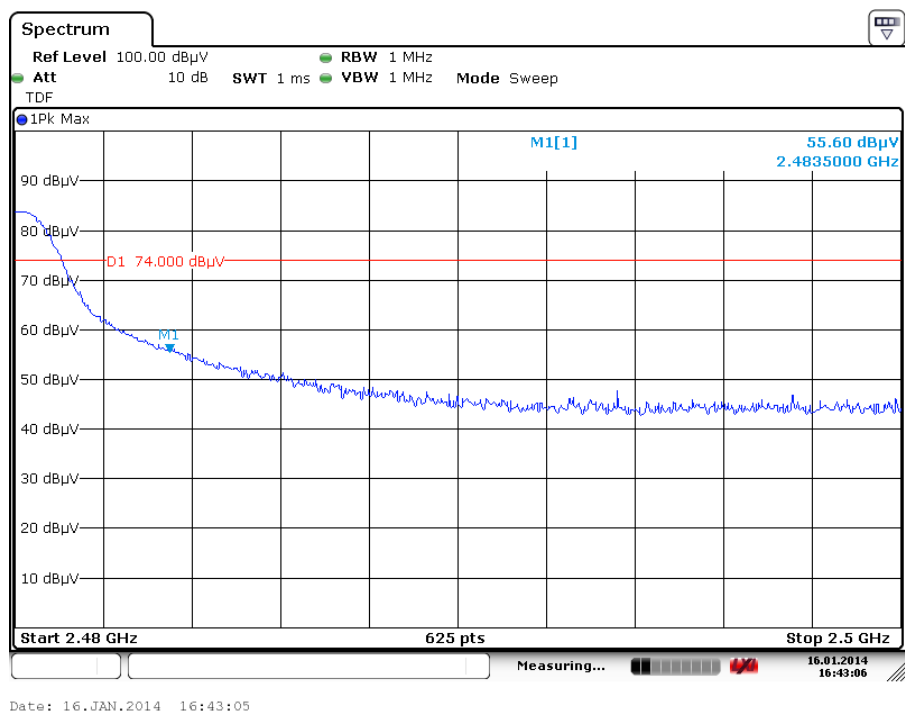
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

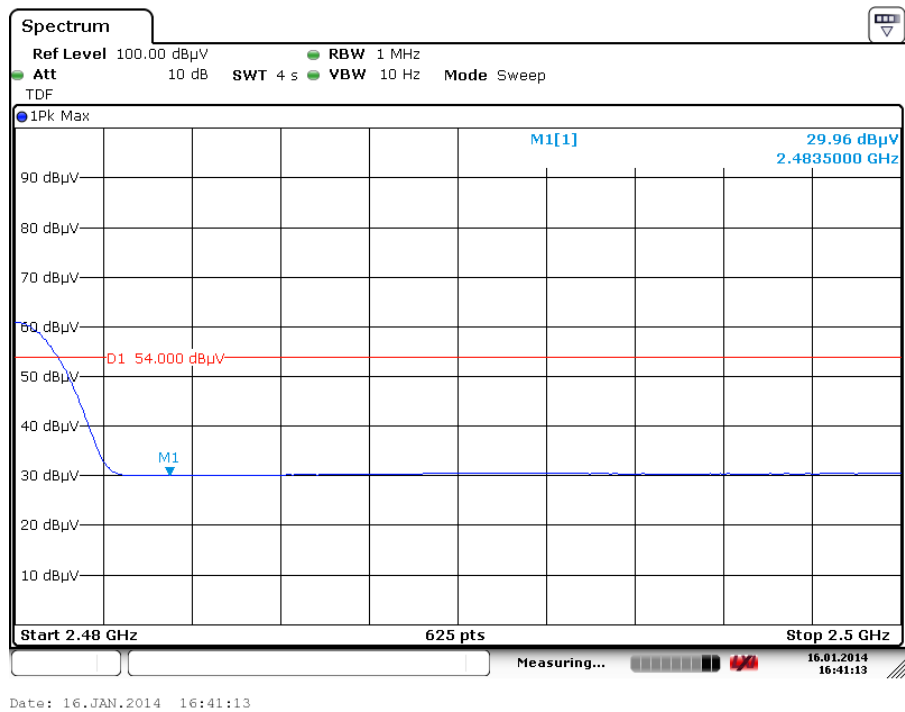
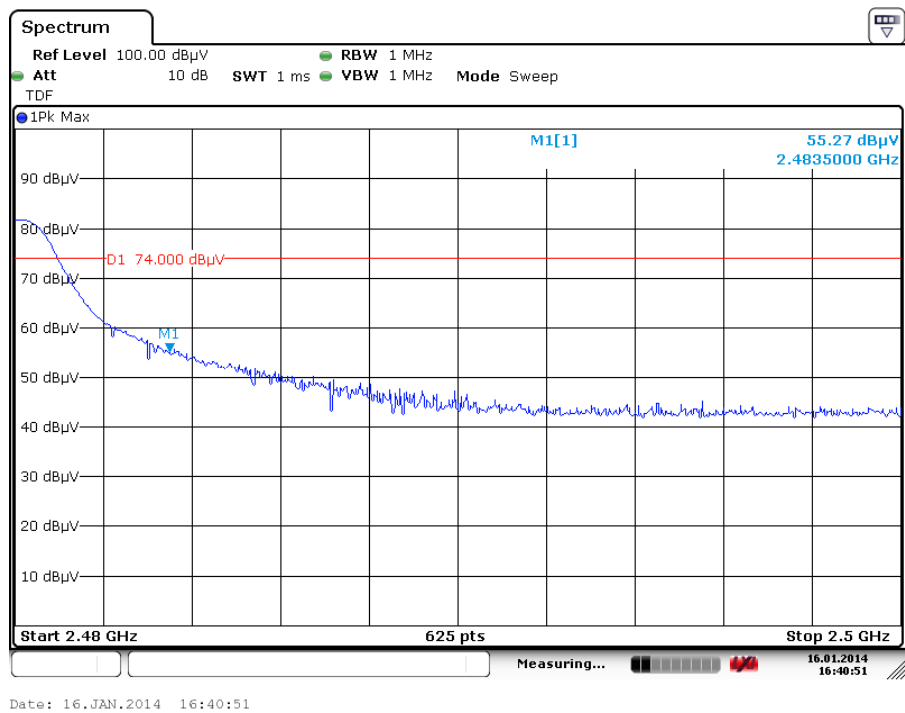
Radiated Bandedge (8DPSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

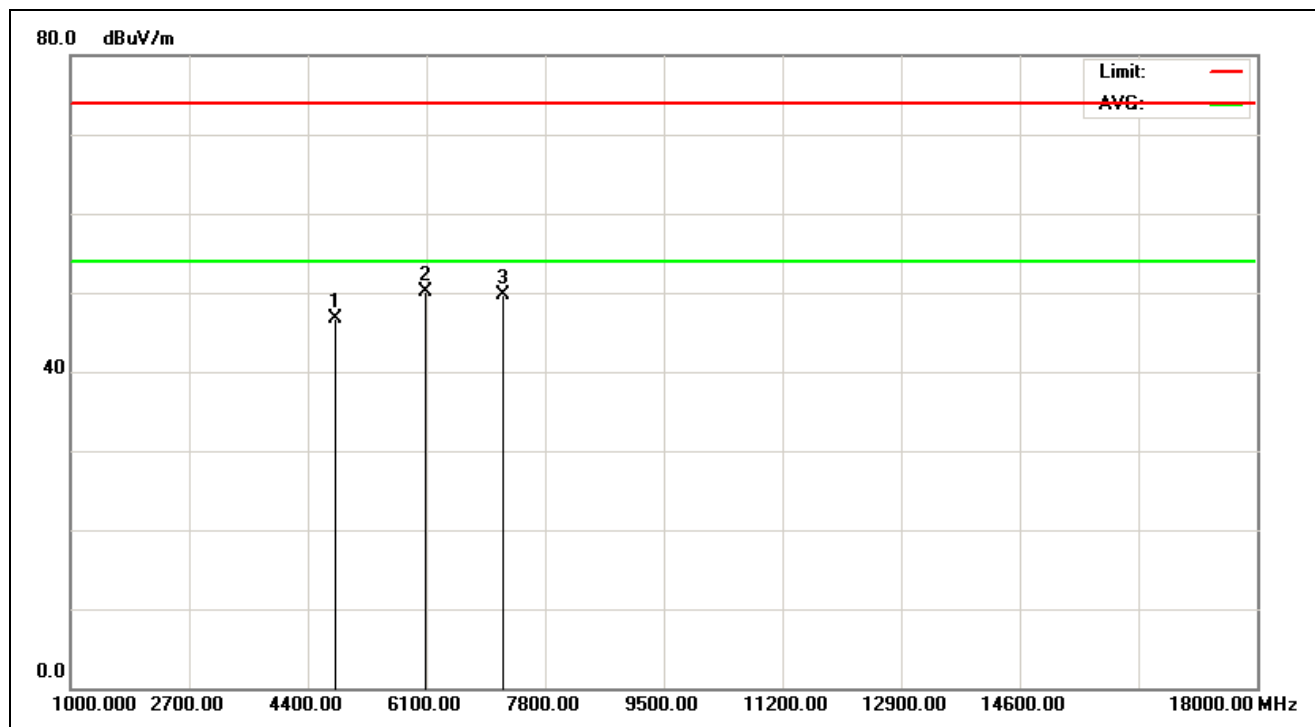
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

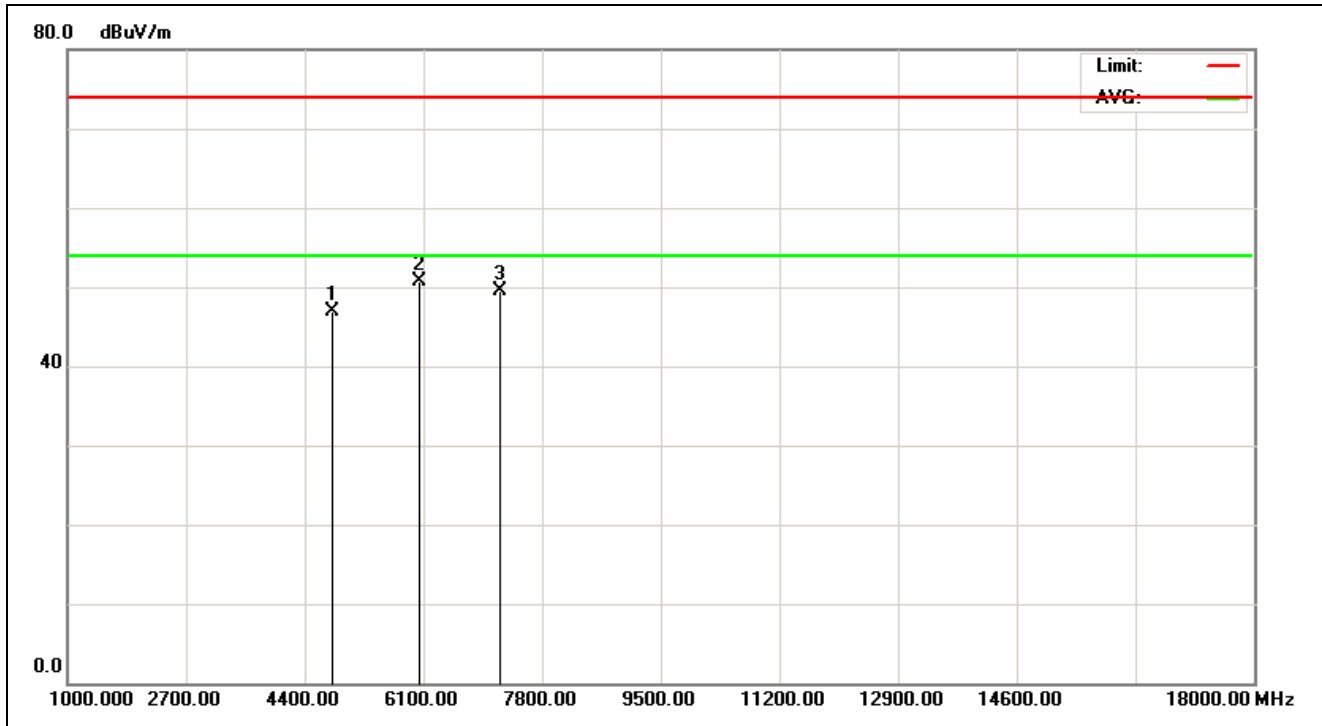
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



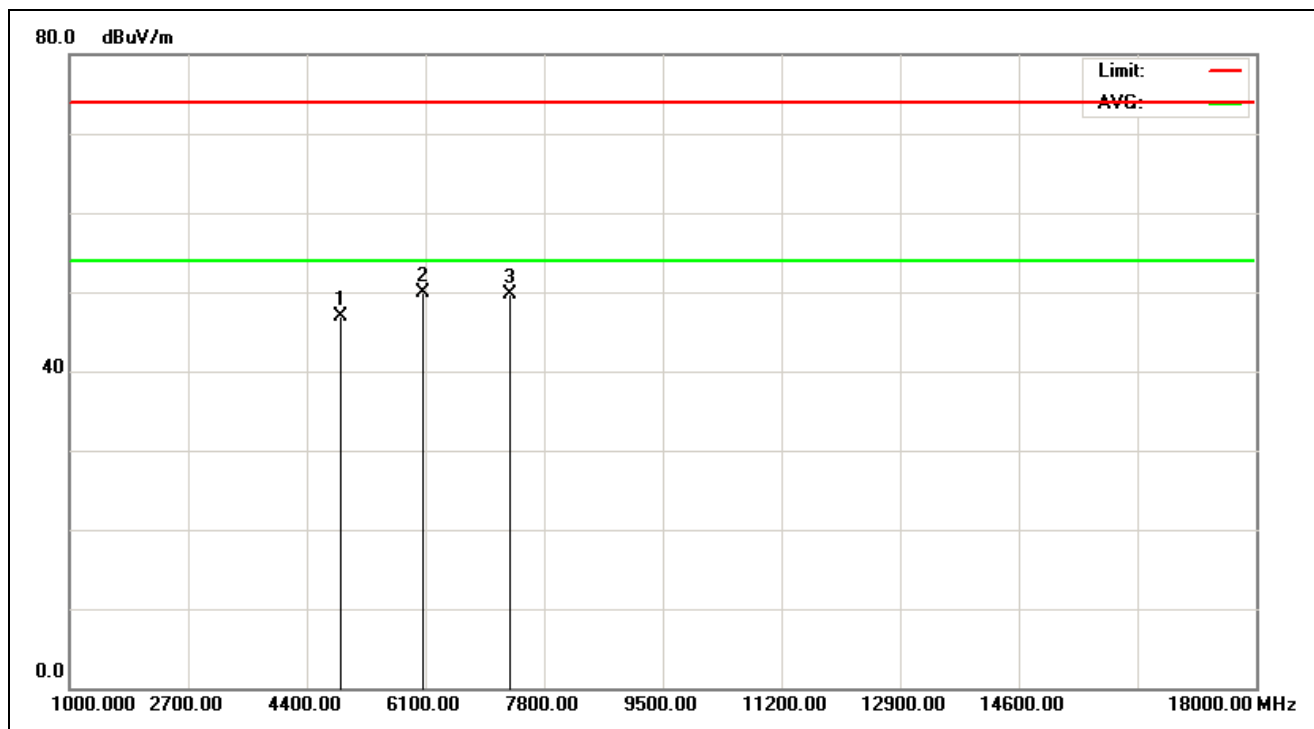
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/16 16:56:11
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%)	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.59	49.33	46.74	74.00	-27.26	peak			
2	6094.551	4.05	45.97	50.02	74.00	-23.98	peak	100	229	
3	7206.000	5.44	44.25	49.69	74.00	-24.31	peak			



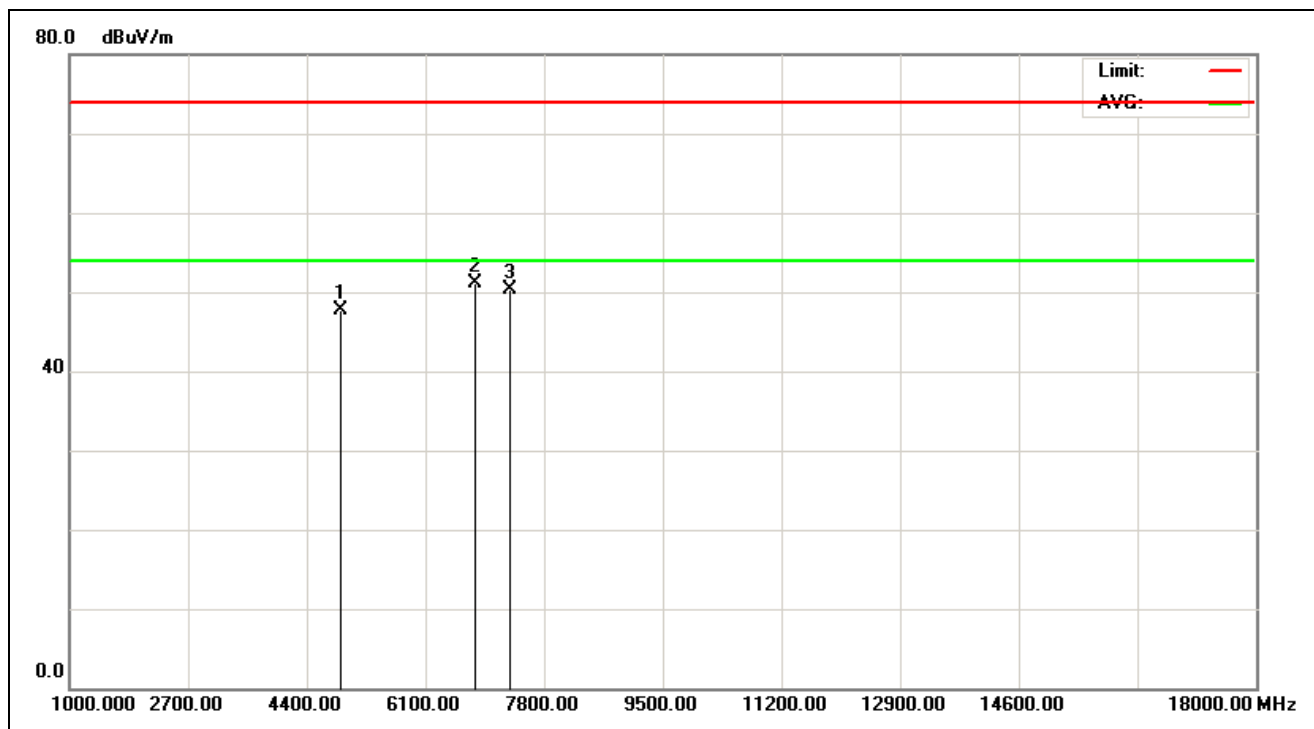
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/16 16:57:13
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.59	49.59	47.00	74.00	-27.00	peak			
2	6040.064	3.85	46.89	50.74	74.00	-23.26	peak	100	152	
3	7206.000	5.44	44.01	49.45	74.00	-24.55	peak			



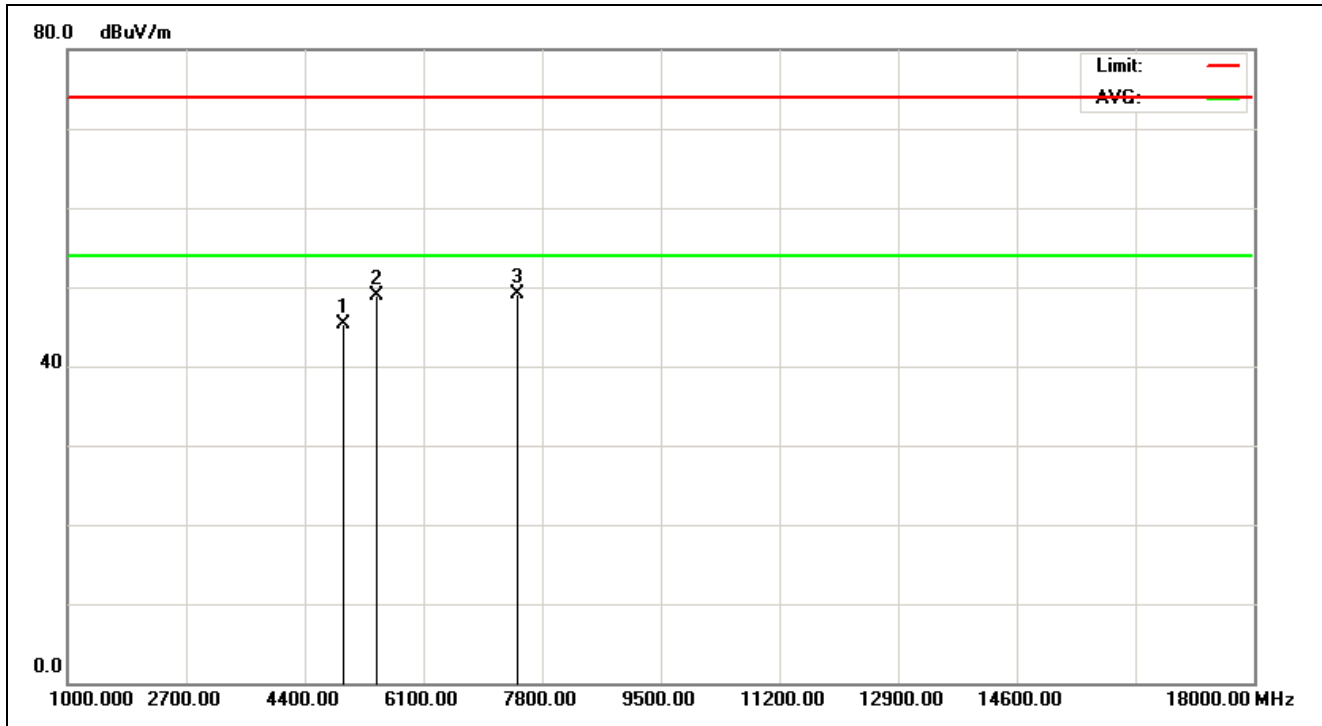
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/16 16:59:03
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.39	49.35	46.96	74.00	-27.04	peak			
2	6067.308	3.94	45.89	49.83	74.00	-24.17	peak	100	83	
3	7323.000	5.76	43.98	49.74	74.00	-24.26	peak			



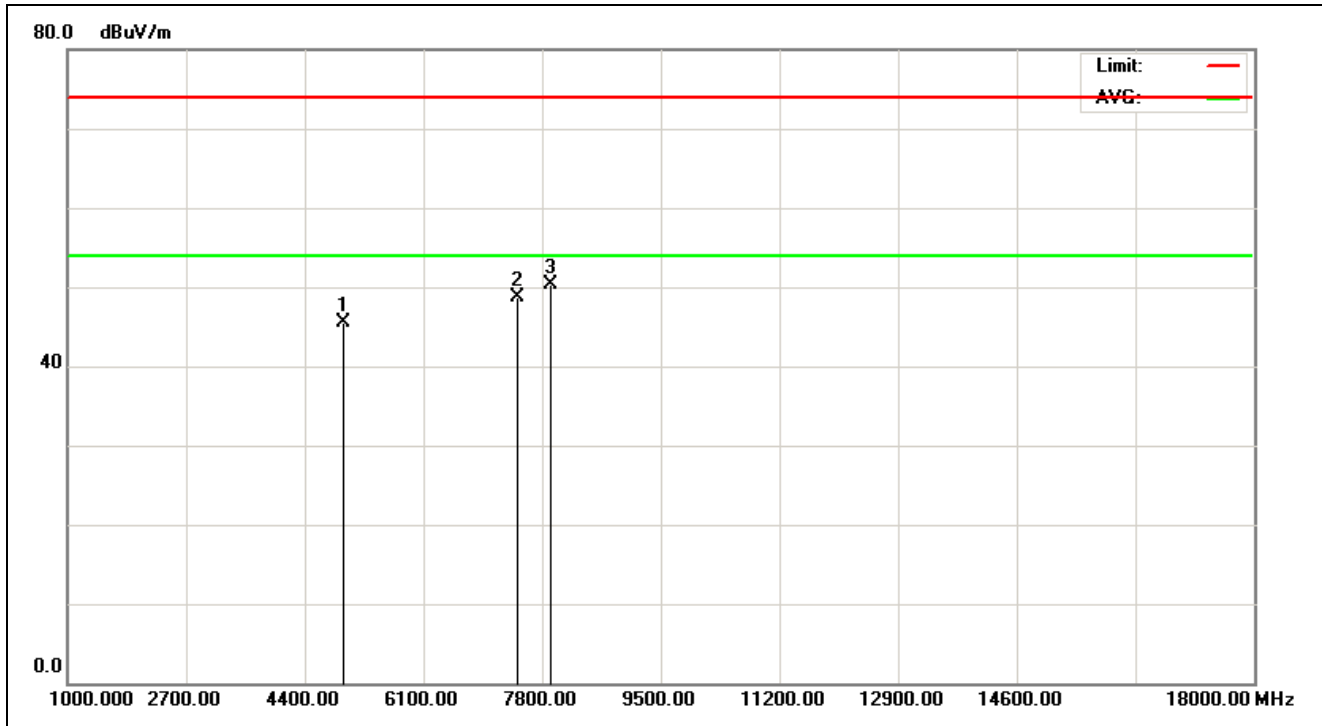
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Test item:	Radiation Emission	Test Time:	2014/1/16 17:00:06
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.39	50.06	47.67	74.00	-26.33	peak			
2	6802.885	5.10	45.96	51.06	74.00	-22.94	peak	100	322	
3	7323.000	5.76	44.48	50.24	74.00	-23.76	peak			



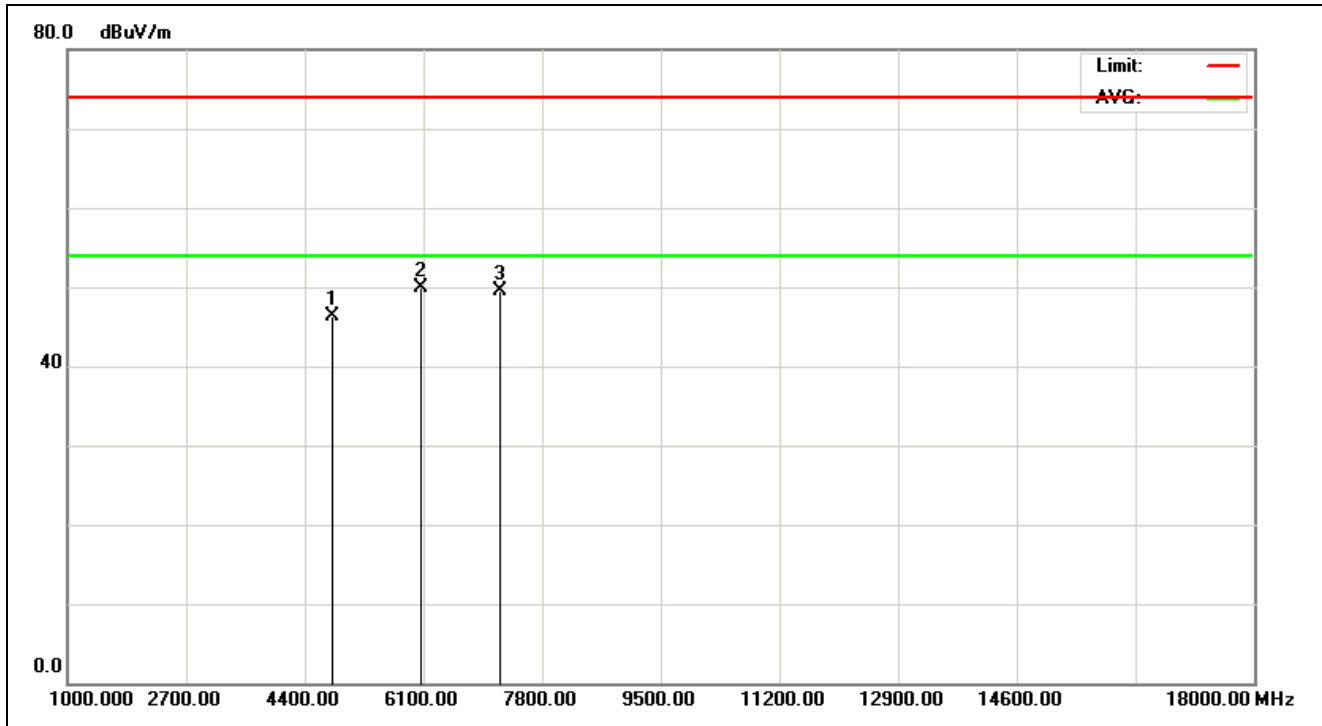
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Test item:	Radiation Emission	Test Time:	2014/1/16 17:02:17
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.19	47.54	45.35	74.00	-28.65	peak			
2	5440.705	0.06	48.80	48.86	74.00	-25.14	peak	100	37	
3	7440.000	6.09	43.07	49.16	74.00	-24.84	peak			



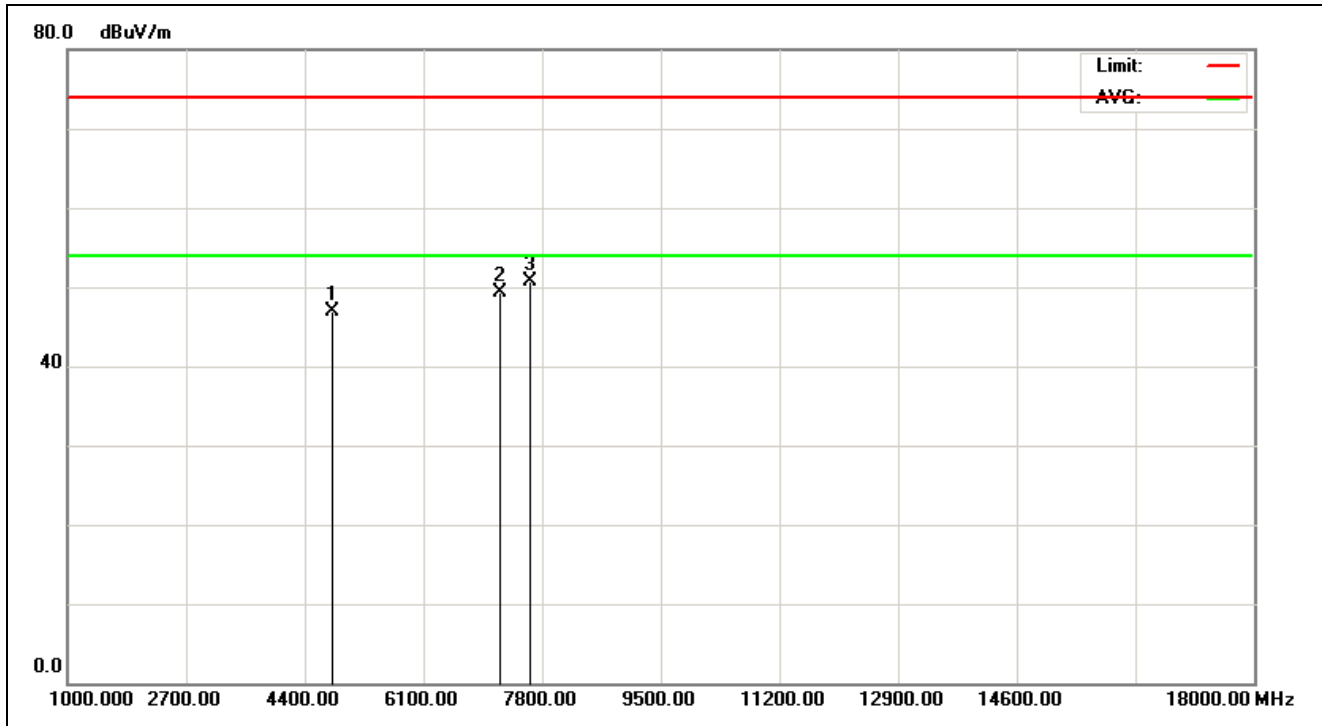
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Test item:	Radiation Emission	Test Time:	2014/1/16 17:03:19
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.19	47.74	45.55	74.00	-28.45	peak			
2	7440.000	6.09	42.70	48.79	74.00	-25.21	peak			
3	7919.872	6.05	44.18	50.23	74.00	-23.77	peak	100	27	



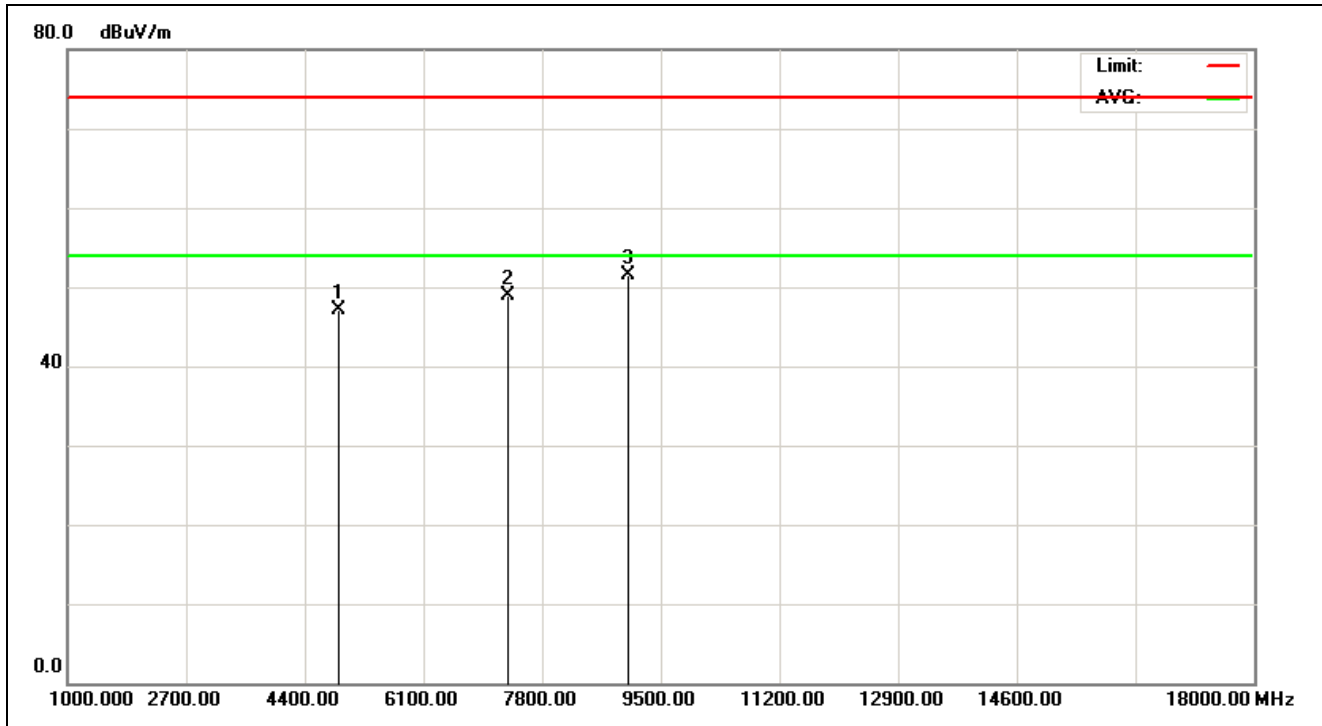
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/16 17:05:30
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.59	48.99	46.40	74.00	-27.60	peak			
2	6067.308	3.94	45.90	49.84	74.00	-24.16	peak	100	328	
3	7206.000	5.44	44.09	49.53	74.00	-24.47	peak			



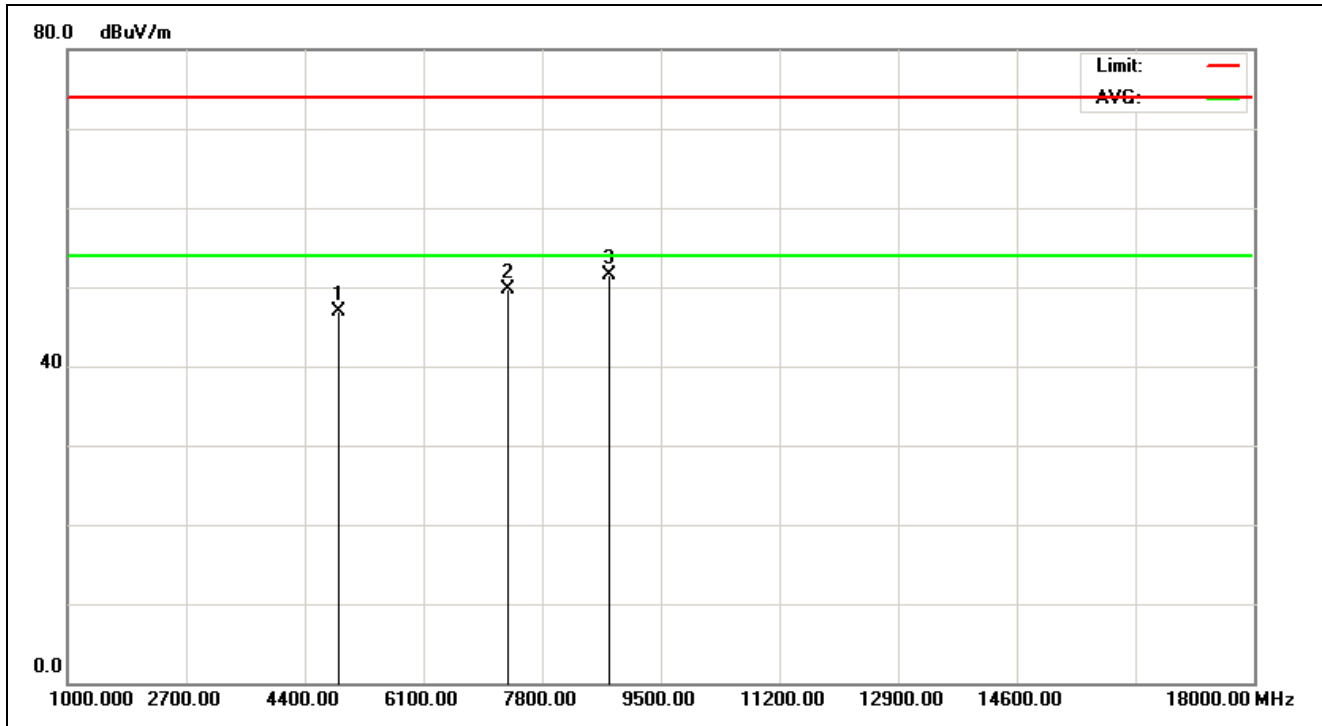
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/16 17:06:33
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.59	49.44	46.85	74.00	-27.15	peak			
2	7206.000	5.44	43.85	49.29	74.00	-24.71	peak			
3	7620.192	6.20	44.53	50.73	74.00	-23.27	peak	100	59	



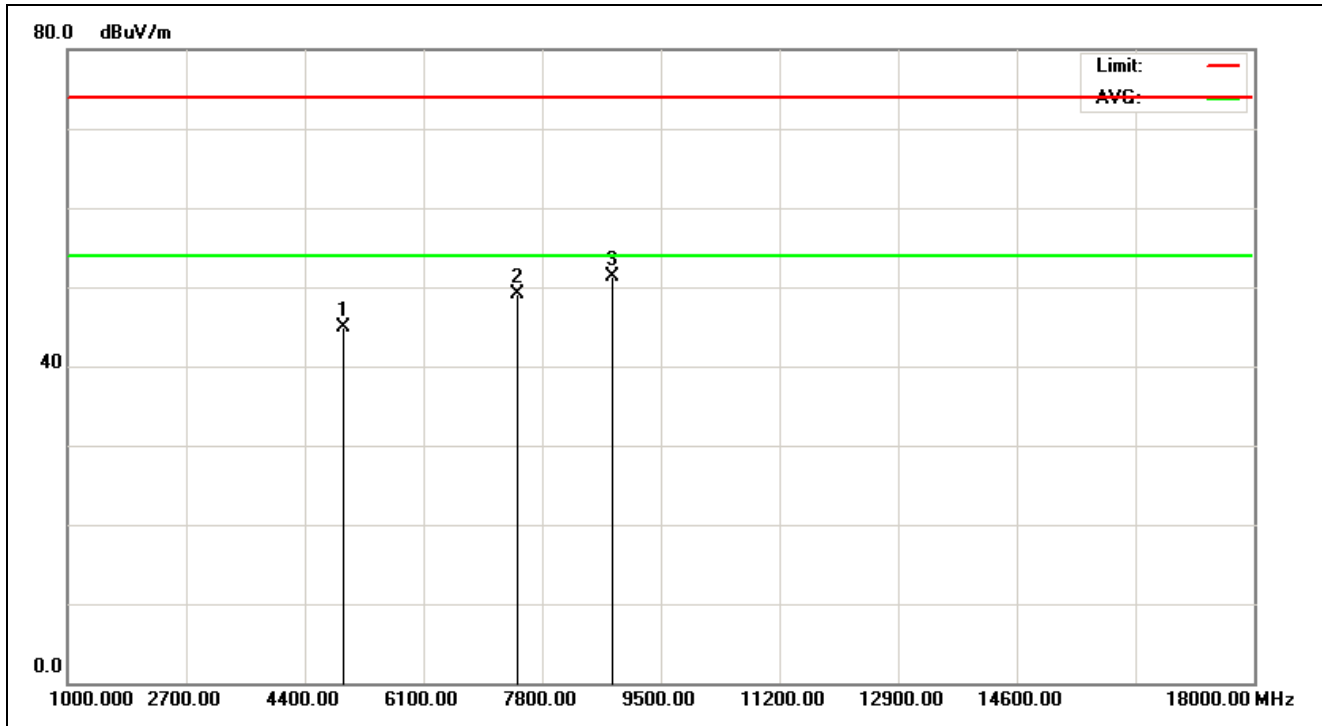
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Test item:	Radiation Emission	Test Time:	2014/1/16 17:09:29
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.39	49.56	47.17	74.00	-26.83	peak			
2	7323.000	5.76	43.17	48.93	74.00	-25.07	peak			
3	9036.859	6.85	44.59	51.44	74.00	-22.56	peak	100	202	



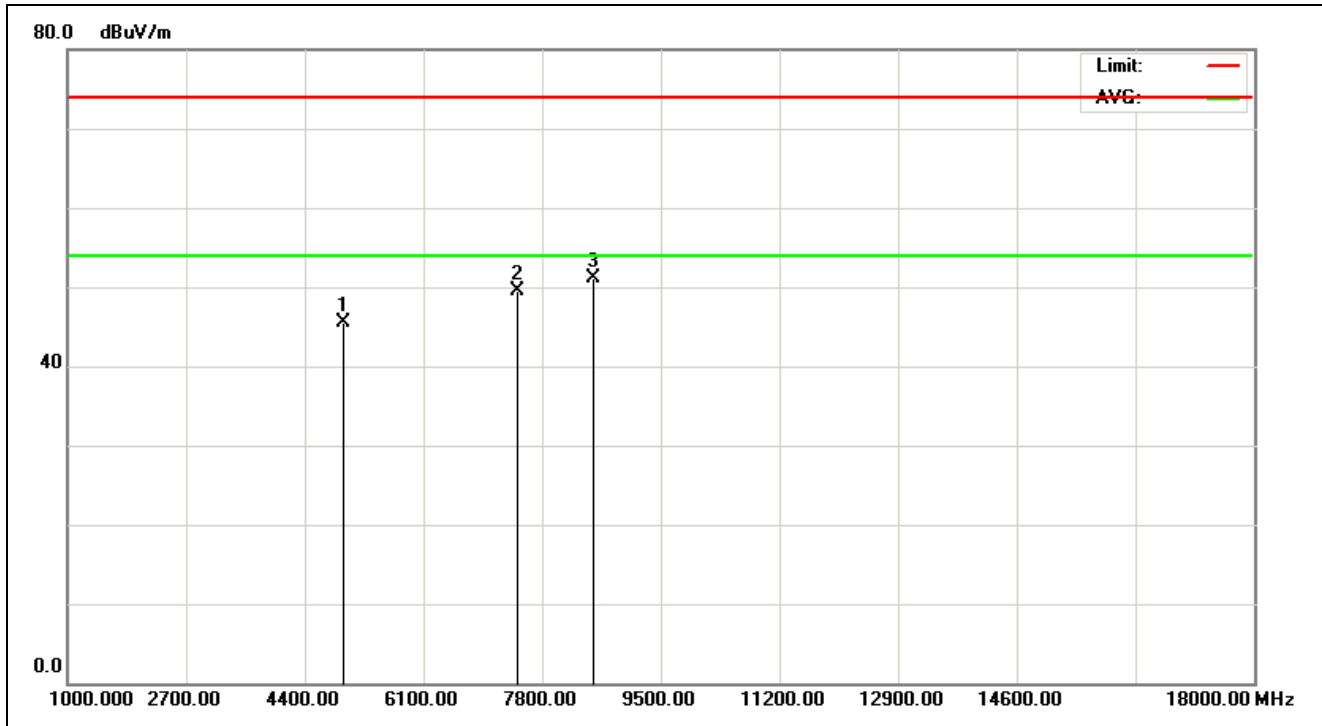
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/16 17:10:32
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.39	49.24	46.85	74.00	-27.15	peak			
2	7323.000	5.76	44.00	49.76	74.00	-24.24	peak			
3	8764.423	6.67	44.76	51.43	74.00	-22.57	peak	100	155	



Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/16 17:12:32
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.19	47.03	44.84	74.00	-29.16	peak			
2	7440.000	6.09	43.04	49.13	74.00	-24.87	peak			
3	8818.910	6.72	44.66	51.38	74.00	-22.62	peak	100	16	



Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/16 17:13:34
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/53%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.19	47.73	45.54	74.00	-28.46	peak			
2	7440.000	6.09	43.39	49.48	74.00	-24.52	peak			
3	8546.474	6.48	44.55	51.03	74.00	-22.97	peak	100	306	

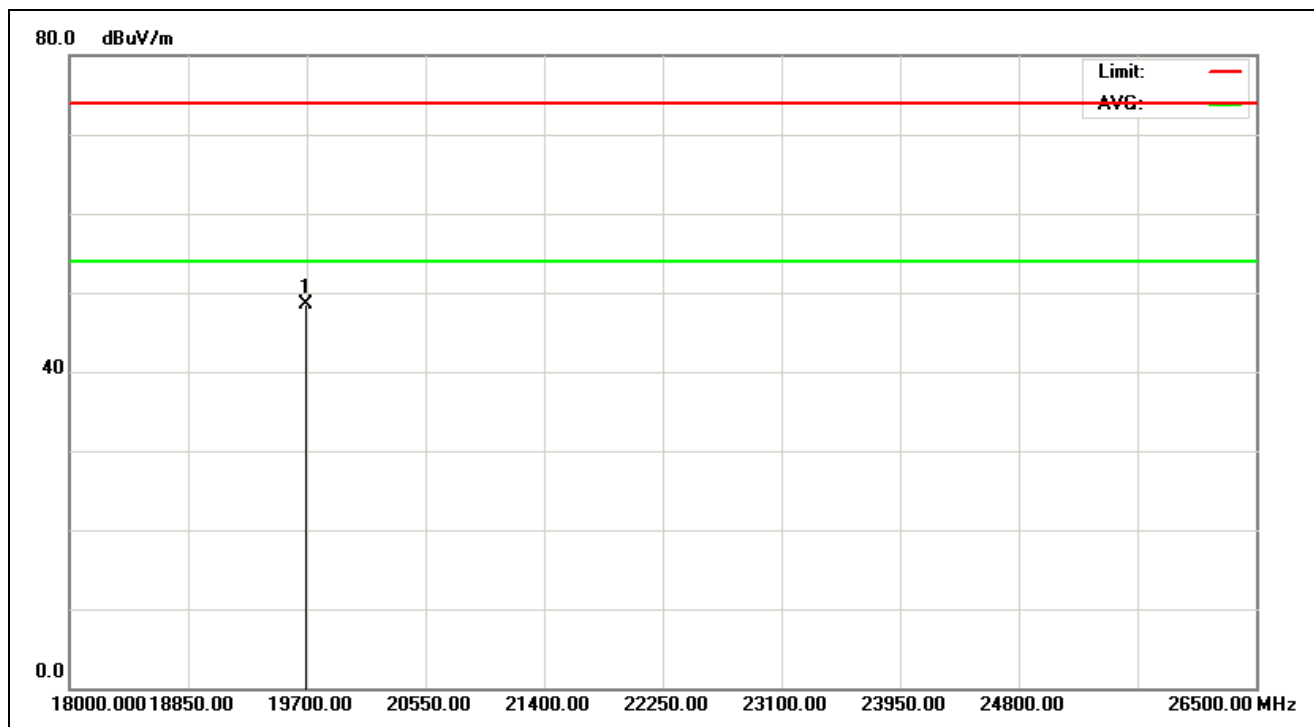
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

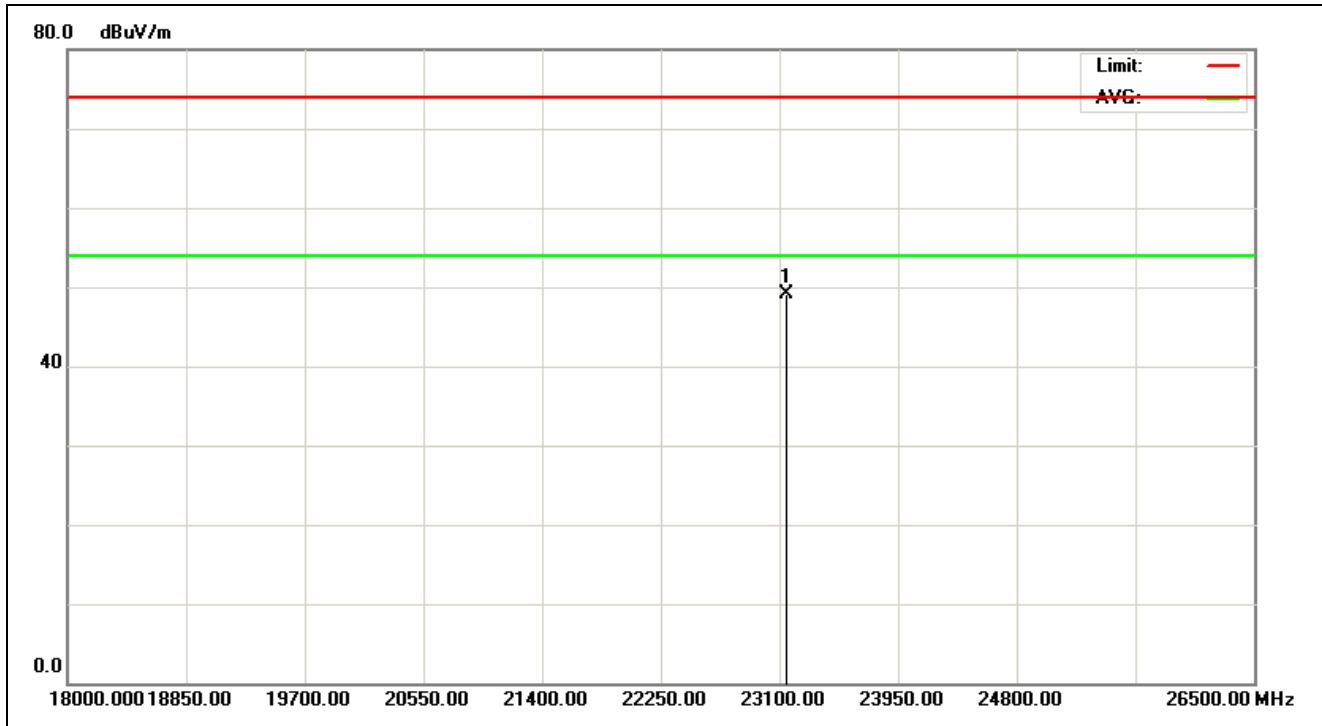
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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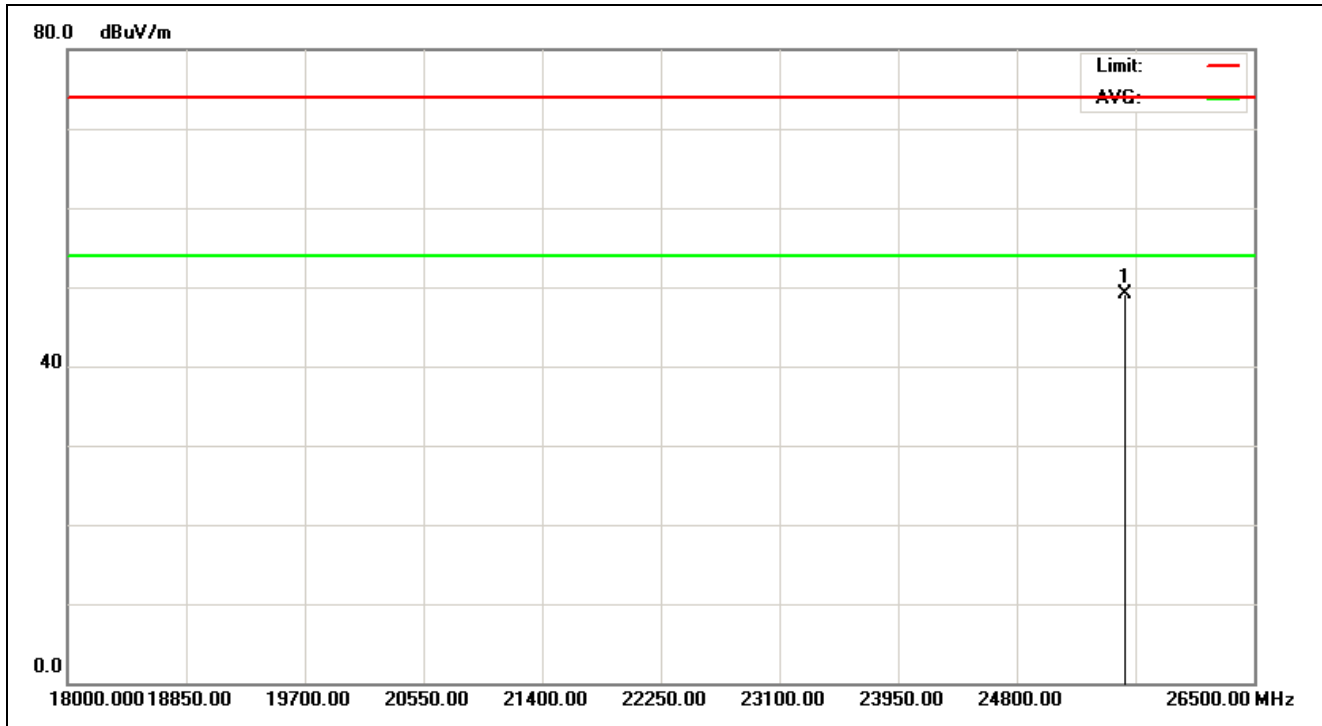
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 15:27:31
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19689.103	29.05	19.54	48.59	74.00	-25.41	peak			



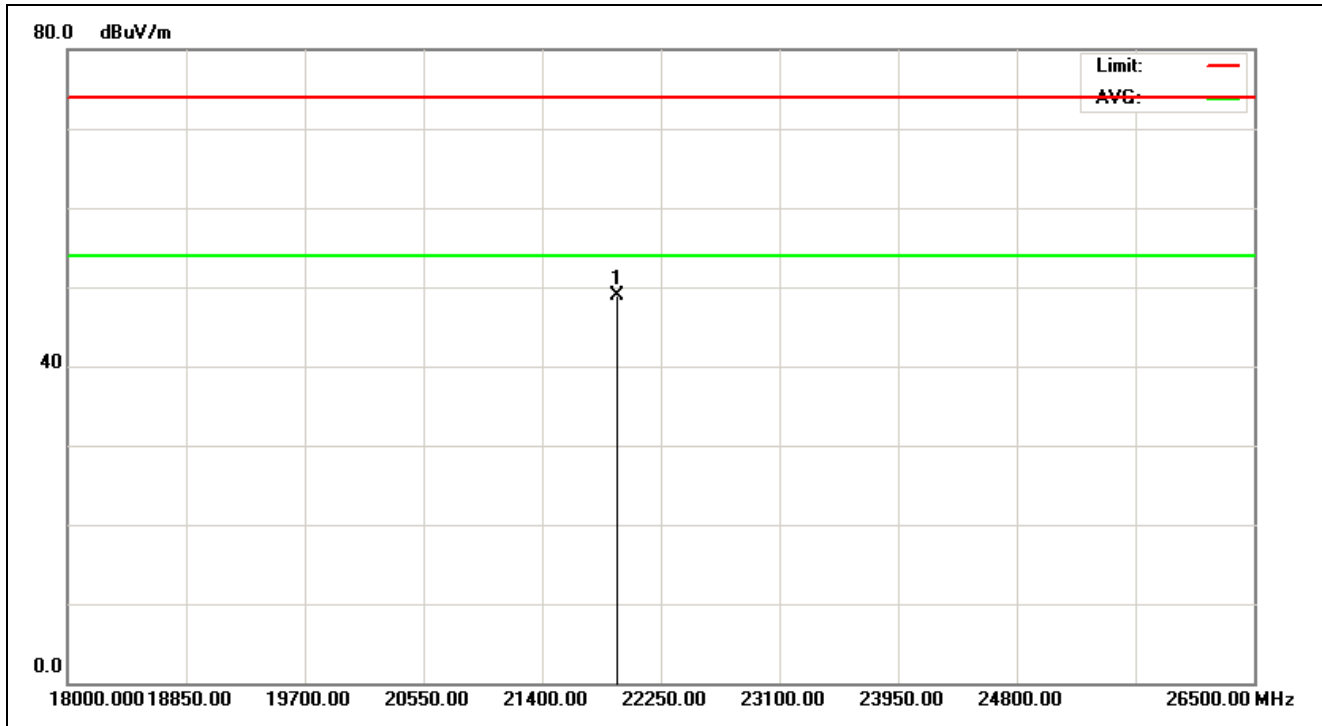
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 15:28:05
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23149.039	30.23	18.85	49.08	74.00	-24.92	peak			



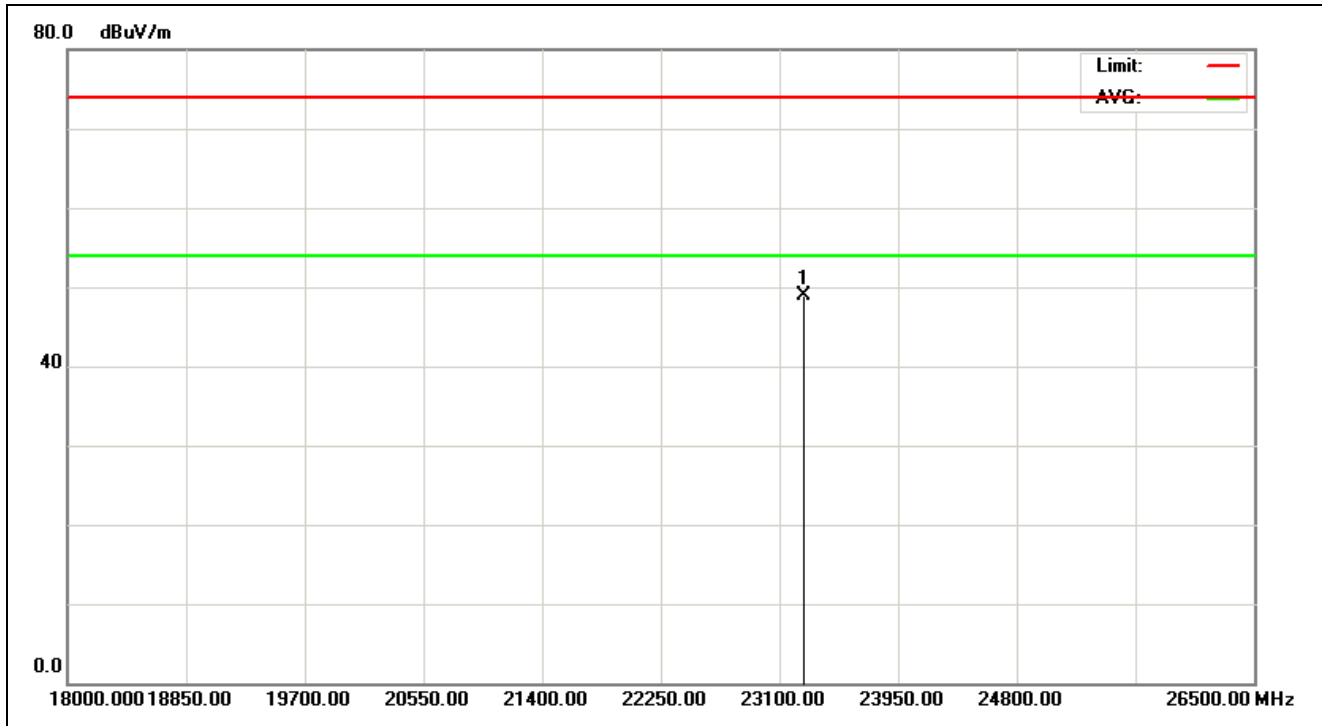
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 15:28:35
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25573.718	31.01	18.00	49.01	74.00	-24.99	peak			



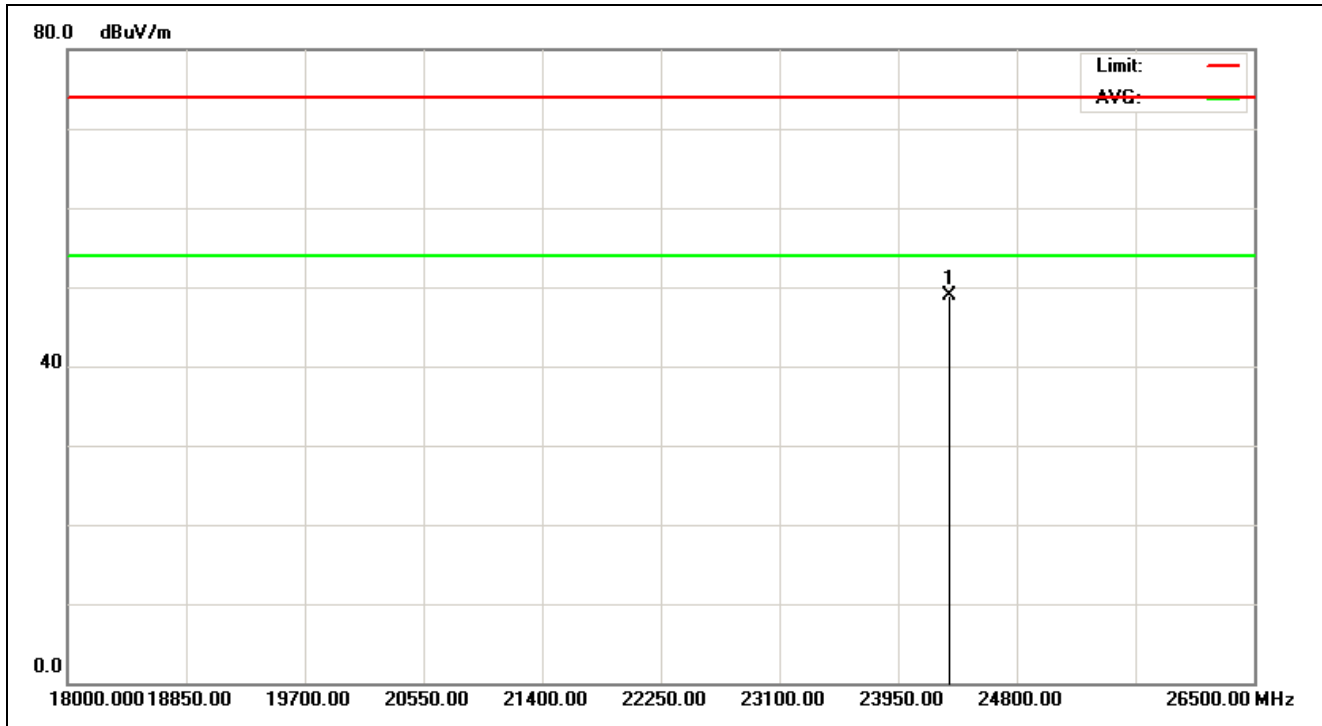
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 15:29:03
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21936.699	29.40	19.42	48.82	74.00	-25.18	peak			



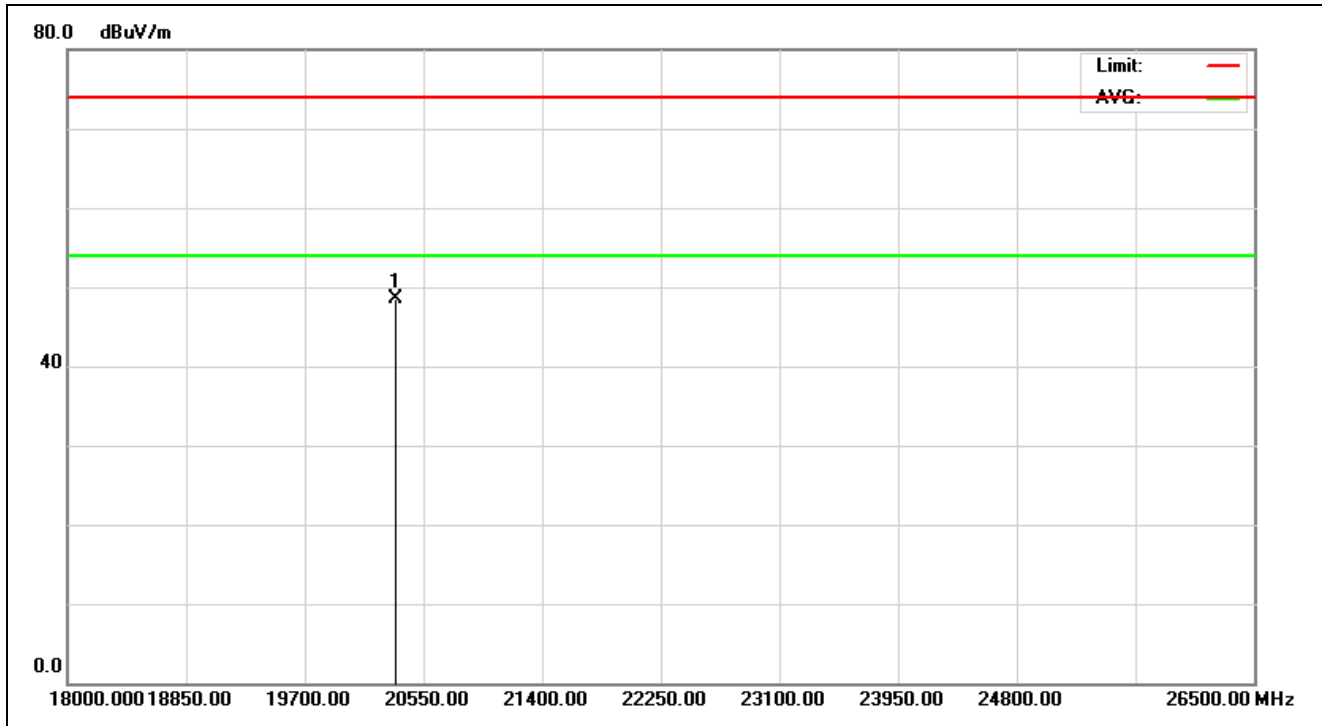
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 15:29:31
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23271.635	30.19	18.70	48.89	74.00	-25.11	peak			



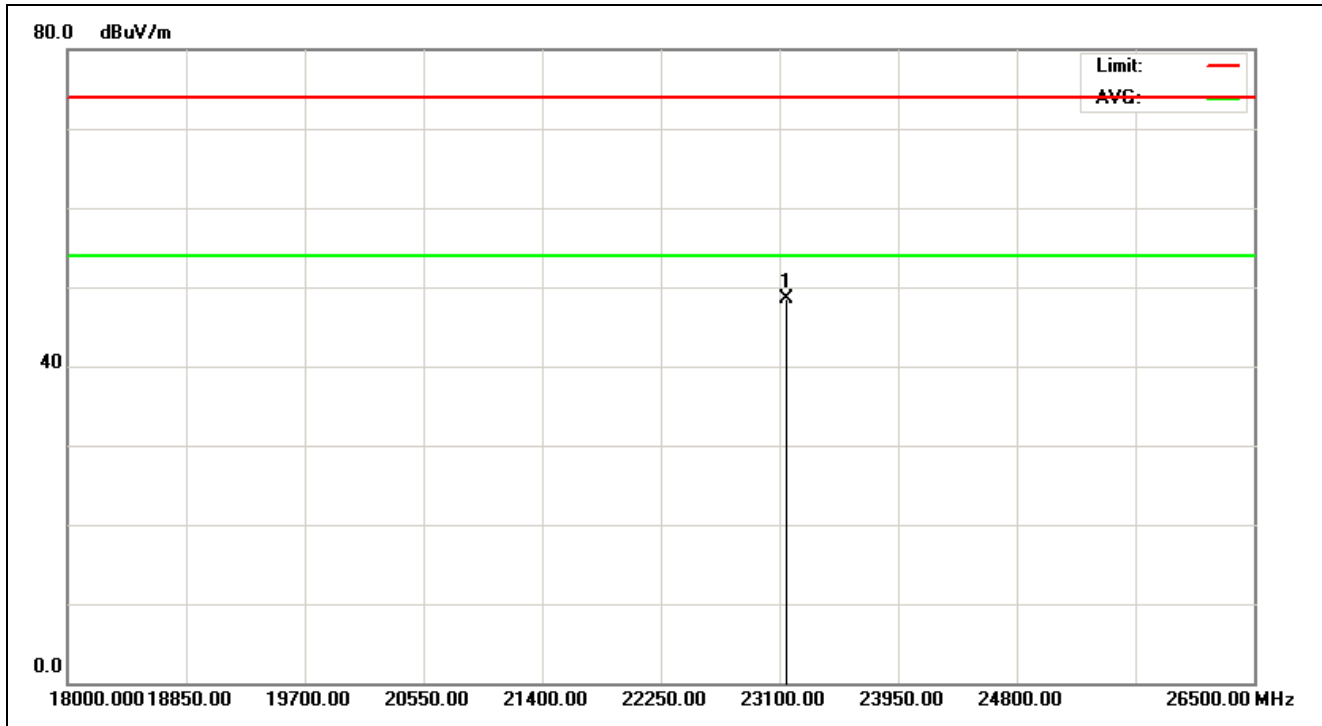
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 15:29:56
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	BT-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24320.513	29.70	19.19	48.89	74.00	-25.11	peak			



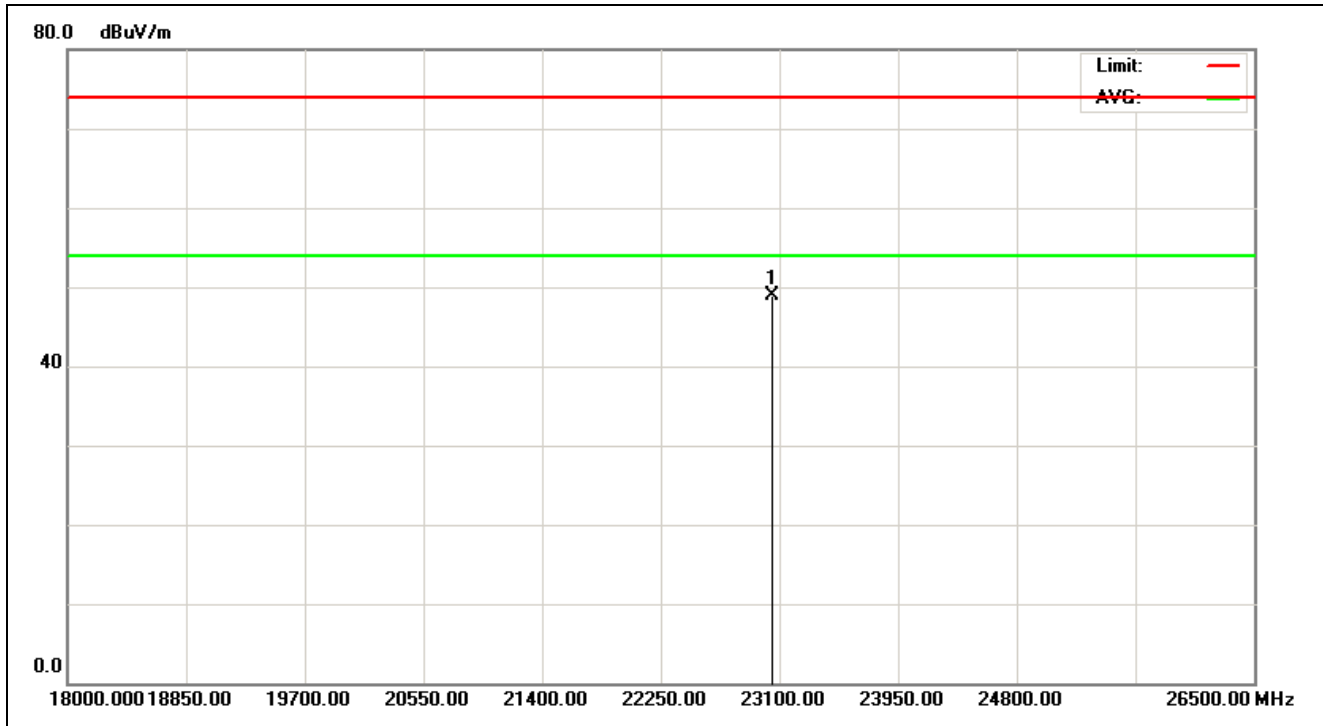
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 15:30:24
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20356.571	29.50	18.94	48.44	74.00	-25.56	peak			



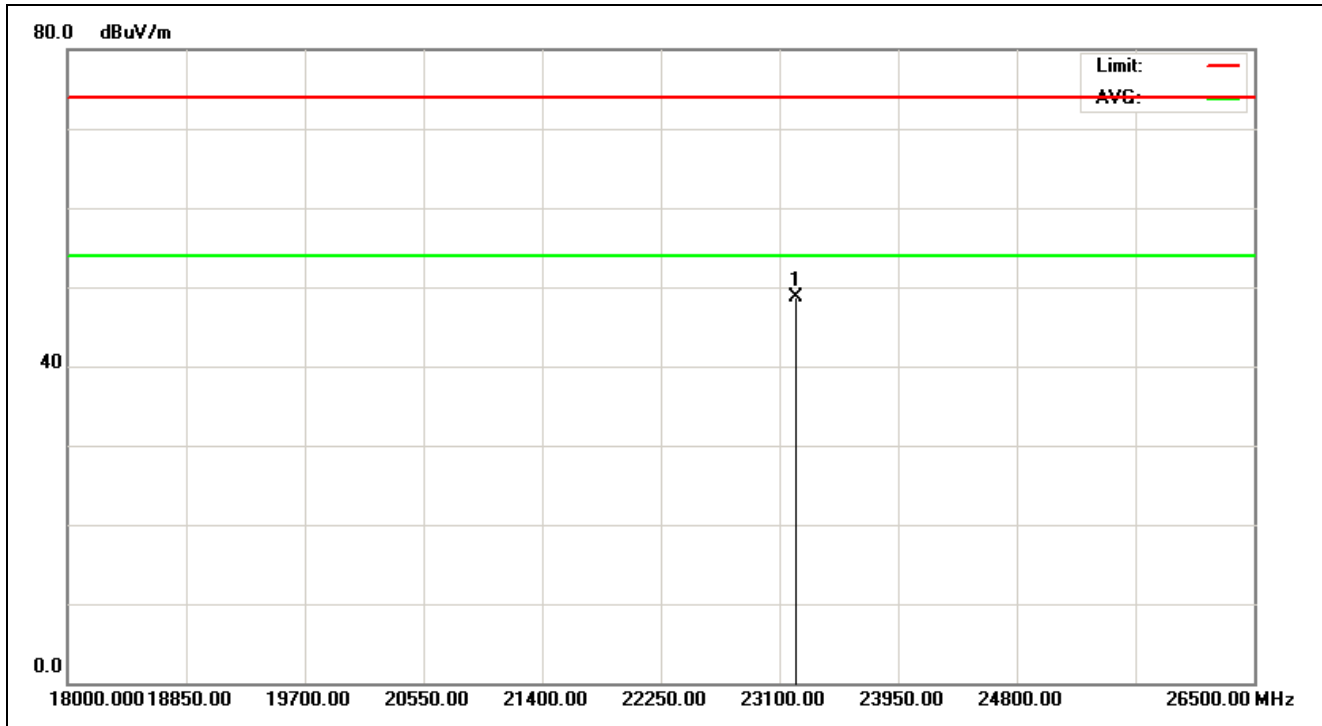
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 15:30:48
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23149.039	30.23	18.20	48.43	74.00	-25.57	peak			



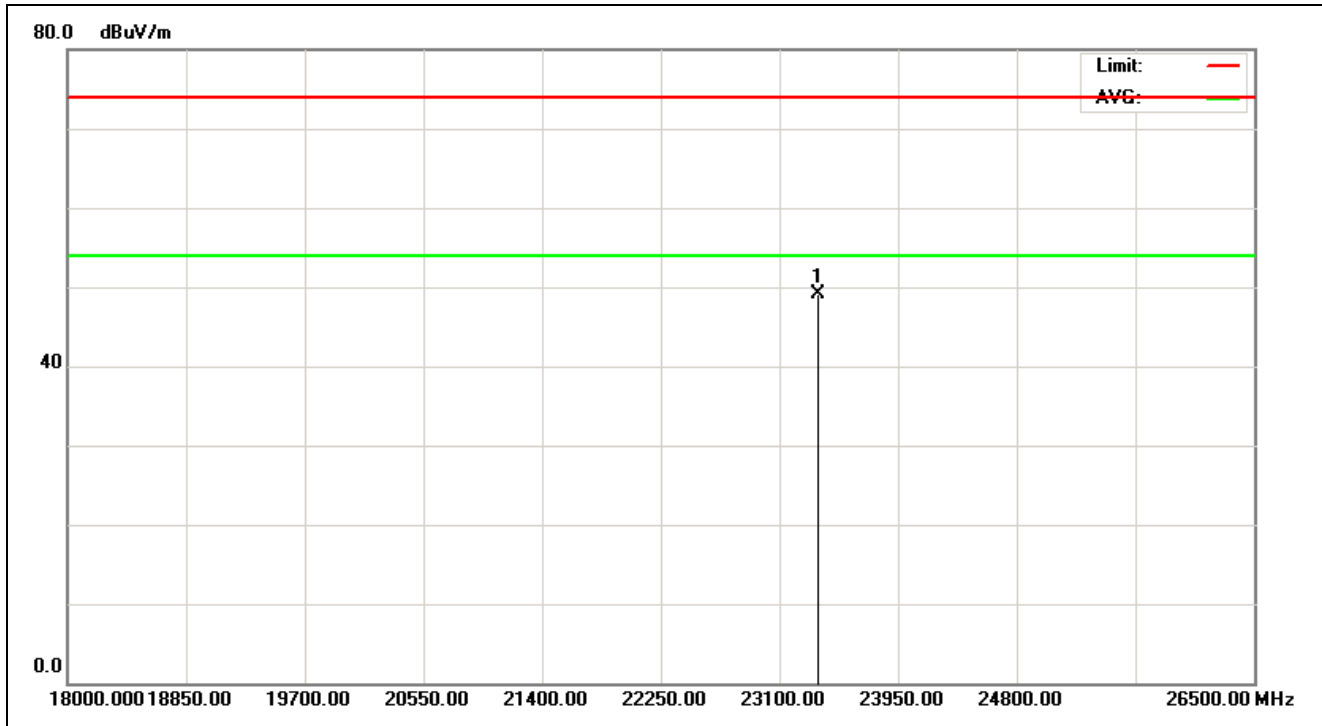
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 15:31:16
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23053.686	30.27	18.55	48.82	74.00	-25.18	peak			



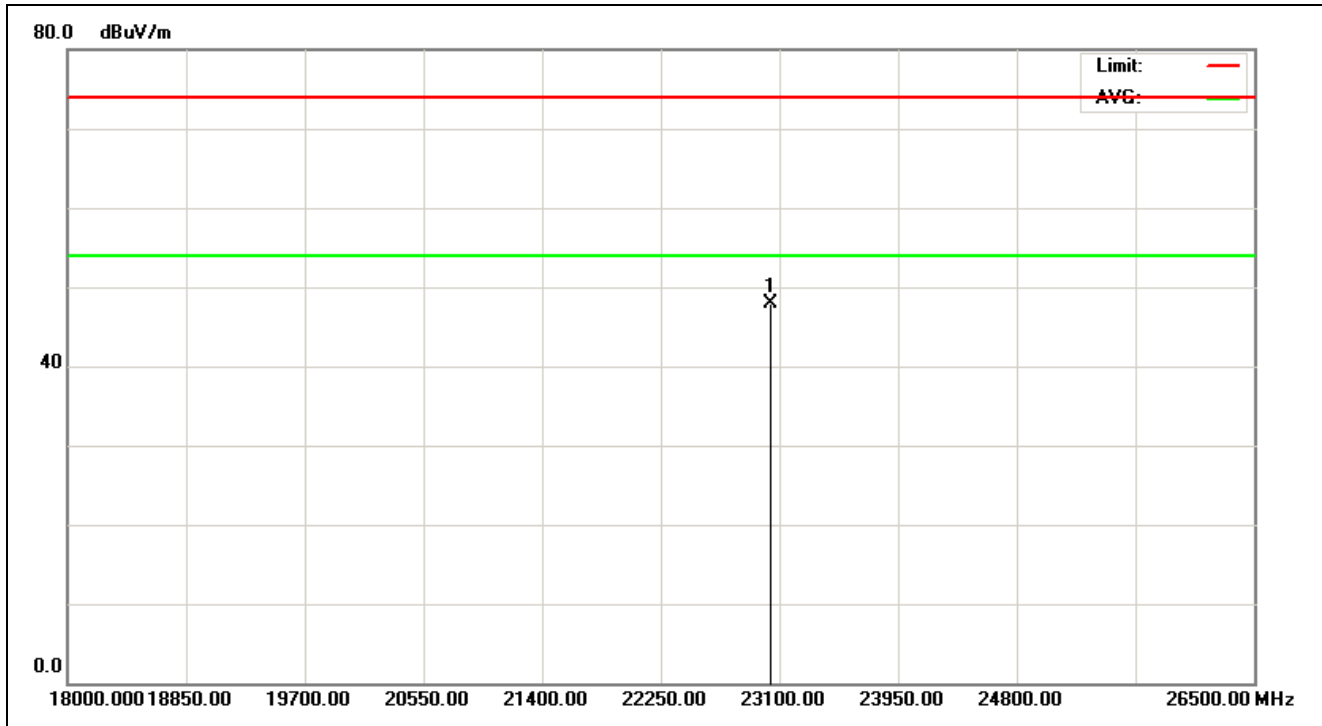
Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 15:31:43
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23217.147	30.20	18.47	48.67	74.00	-25.33	peak			



Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 15:32:09
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23380.609	30.15	19.00	49.15	74.00	-24.85	peak			



Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 15:32:36
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%):	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23040.064	30.27	17.61	47.88	74.00	-26.12	peak			

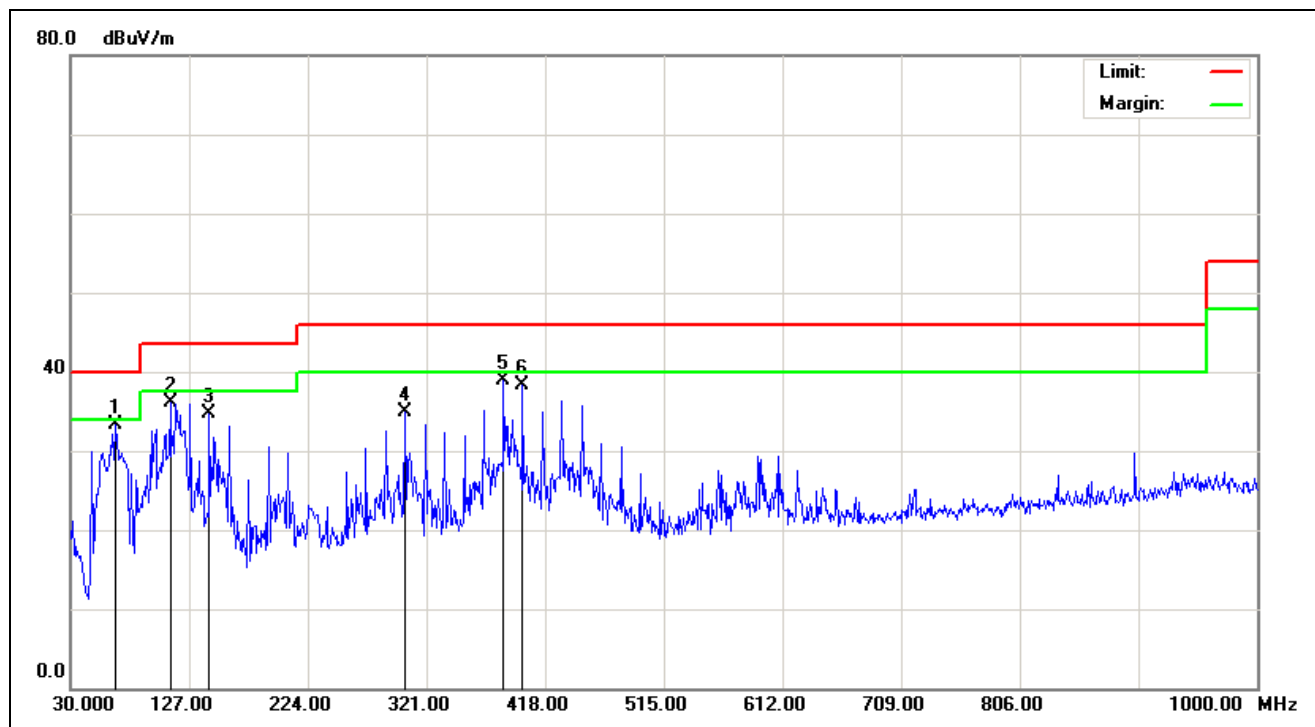
Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

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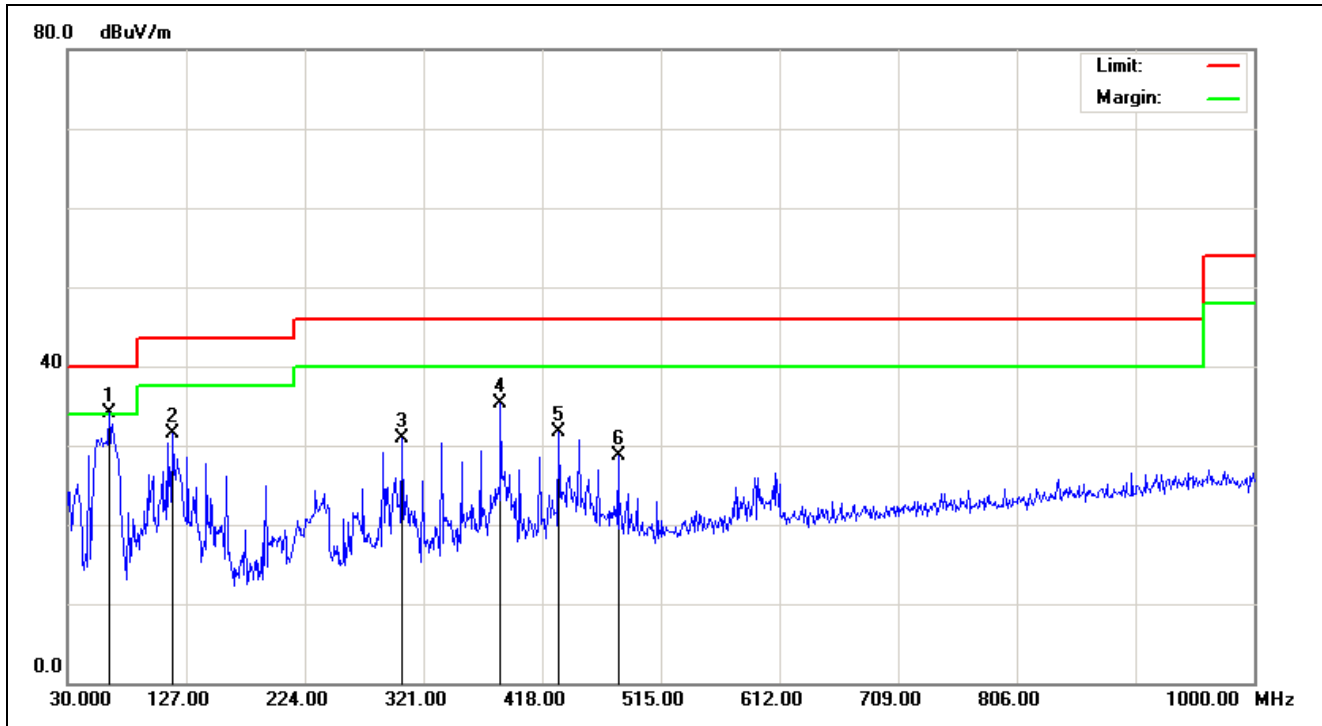
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/17 09:46:58
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%)	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:			
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	66.8599	-19.08	52.32	33.24	40.00	-6.76	QP	100	244	
2	111.4800	-13.95	49.98	36.03	43.50	-7.47	QP	100	268	
3	143.4900	-13.03	47.73	34.70	43.50	-8.80	QP	100	262	
4	303.5400	-10.33	45.17	34.84	46.00	-11.16	QP	100	129	
5	384.0500	-8.89	47.80	38.91	46.00	-7.09	QP	100	73	
6	399.5699	-8.62	46.83	38.21	46.00	-7.79	QP	100	107	

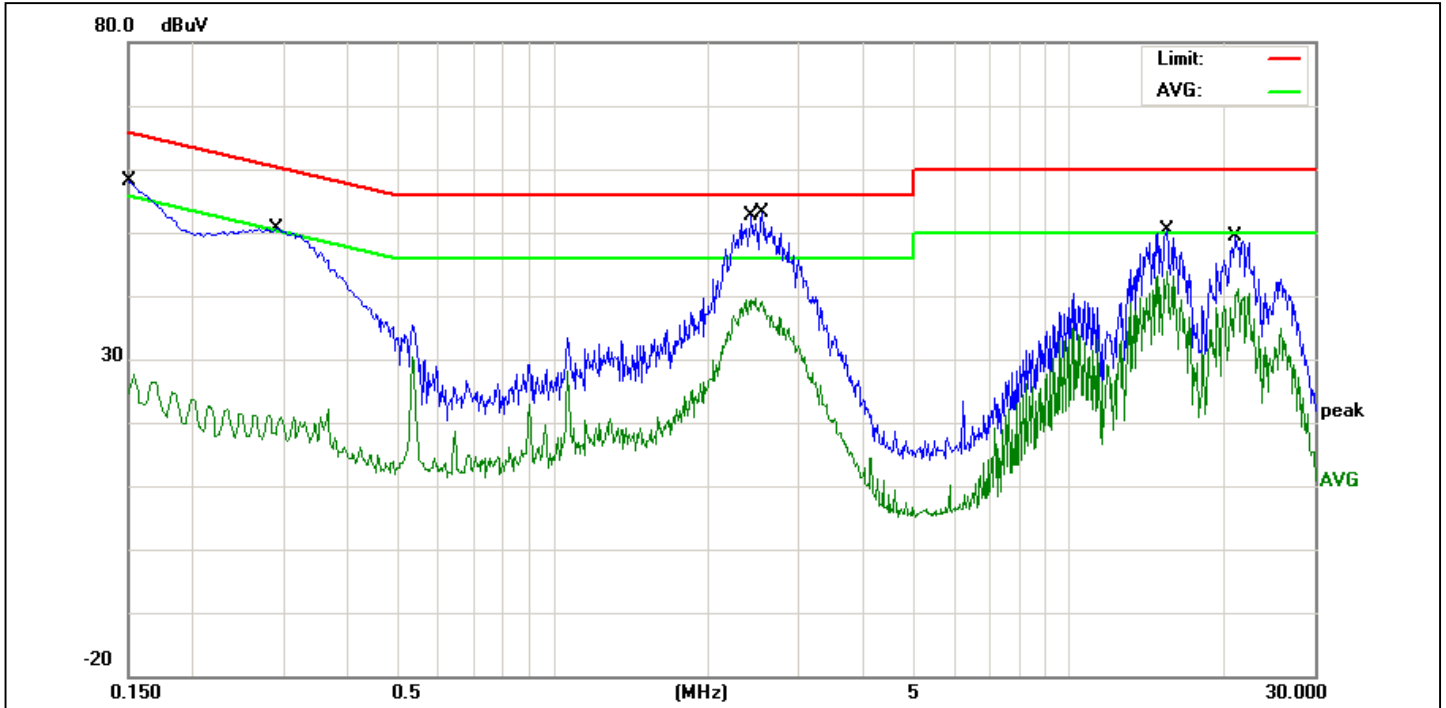
Spurious Emissions, TX Mode, 30M-1G



Service No.:	E-Box-BT	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/17 09:48:00
Applicant:	Jingtek	Test Rating:	DC 5V
Product:	Smart Ebox	Temp.(°C)/Hum.(%)	18(°C)/56%
Model No.:	E-Box SMA01	Test Engineer:	Hugo Chang
Test Mode:			
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	63.9500	-19.31	53.46	34.15	40.00	-5.85	QP	100	20	
2	116.3300	-13.58	45.13	31.55	43.50	-11.95	QP	100	199	
3	303.5400	-10.33	41.17	30.84	46.00	-15.16	QP	100	172	
4	384.0500	-8.89	44.26	35.37	46.00	-10.63	QP	100	28	
5	431.5800	-8.19	39.89	31.70	46.00	-14.30	QP	100	202	
6	480.0800	-7.56	36.23	28.67	46.00	-17.33	QP	100	188	

Mains Spurious Emissions


Service No.: 114011504

Test Standard: CISPR22 Class B Conduction

Test item: Conducted Emission

Phase: L1

Applicant: Jingtek

Temp.(°C)/Hum.(%): 27(°C) / 60 %

Product: E-box mini

Power Rating: DC 30V

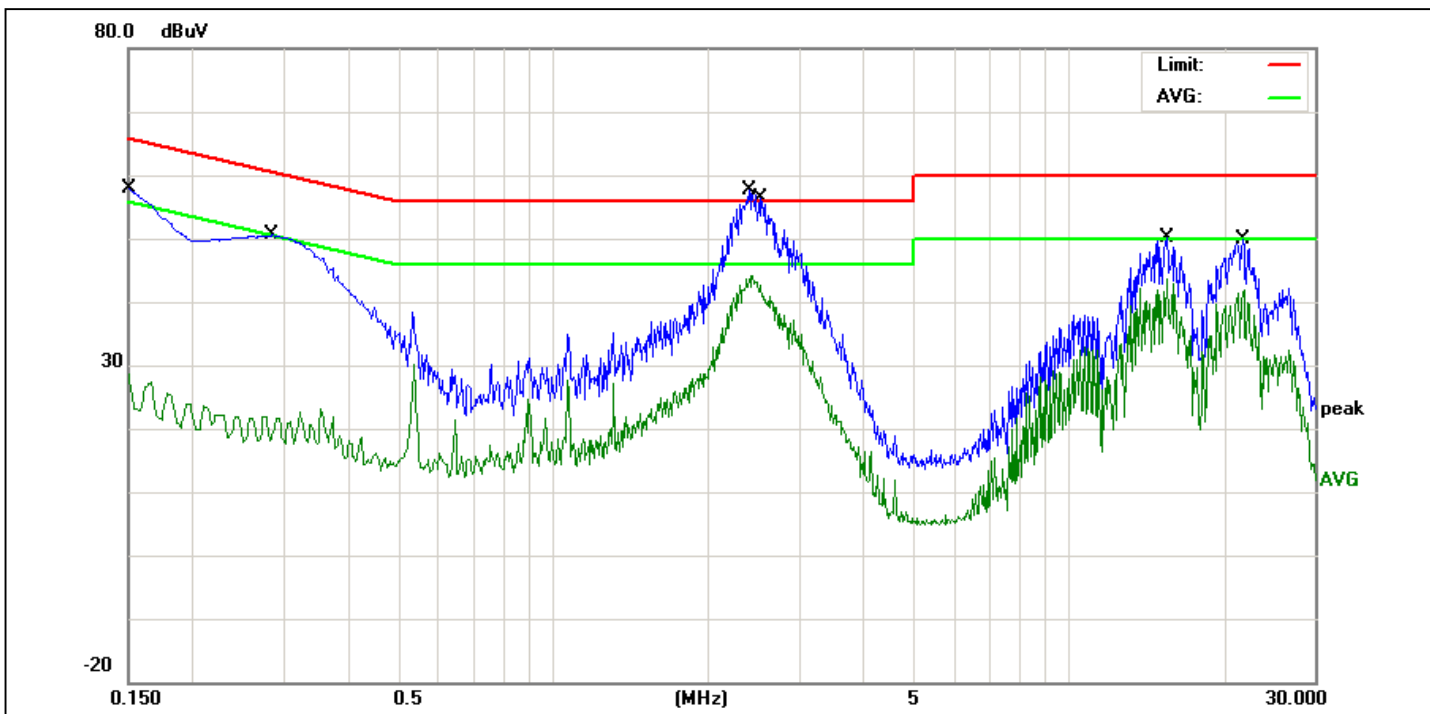
Model No.: Smart Ebox

Test Engineer: Freeman Wang

Test Mode: Normal link

Remark: power supply:2250

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	9.62	42.15	51.77	65.99	-14.22	QP	P	
2	0.1500	9.62	15.58	25.20	55.99	-30.79	AVG	P	
3	0.2900	9.59	34.04	43.63	60.52	-16.89	QP	P	
4	0.2900	9.59	8.77	18.36	50.52	-32.16	AVG	P	
5	2.4219	9.63	37.79	47.42	56.00	-8.58	QP	P	
6	2.4219	9.63	28.80	38.43	46.00	-7.57	AVG	P	
7	2.5420	9.63	37.07	46.70	56.00	-9.30	QP	P	
8	2.5420	9.63	27.29	36.92	46.00	-9.08	AVG	P	
9	15.4740	9.77	38.38	48.15	60.00	-11.85	QP	P	
10	15.4740	9.77	31.15	40.92	50.00	-9.08	AVG	P	
11	21.1460	9.82	35.76	45.58	60.00	-14.42	QP	P	
12	21.1460	9.82	29.09	38.91	50.00	-11.09	AVG	P	


Service No.: 114011504

Test Standard: CISPR22 Class B Conduction

Test item: Conducted Emission

Phase: N

Applicant: Jingtek

Temp.(°C)/Hum.(%): 27(°C) / 60 %

Product: E-box mini

Power Rating: DC 30V

Model No.: Smart Ebox

Test Engineer: Freeman Wang

Test Mode: Normal link

Remark: power supply:2250

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	9.59	42.24	51.83	65.99	-14.16	QP	P	
2	0.1500	9.59	15.88	25.47	55.99	-30.52	AVG	P	
3	0.2860	9.56	34.22	43.78	60.64	-16.86	QP	P	
4	0.2860	9.56	9.31	18.87	50.64	-31.77	AVG	P	
5	2.4020	9.59	40.18	49.77	56.00	-6.23	QP	P	
6	2.4020	9.59	31.63	41.22	46.00	-4.78	AVG	P	
7	2.5140	9.59	40.00	49.59	56.00	-6.41	QP	P	
8	2.5140	9.59	30.99	40.58	46.00	-5.42	AVG	P	
9	15.4780	9.77	37.51	47.28	60.00	-12.72	QP	P	
10	15.4780	9.77	30.86	40.63	50.00	-9.37	AVG	P	
11	21.7340	9.85	36.78	46.63	60.00	-13.37	QP	P	
12	21.7340	9.85	29.77	39.62	50.00	-10.38	AVG	P	