

Test Report No.50097691 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50097691AppendixD)

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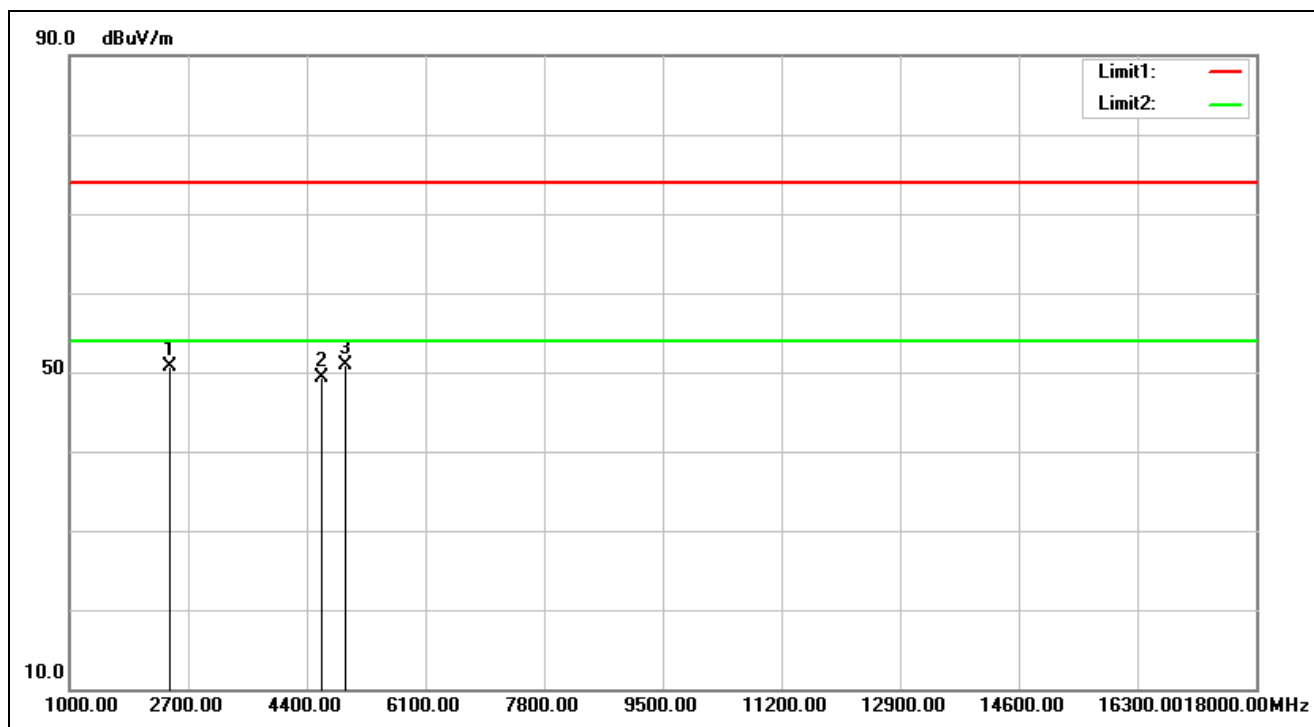
Spurious Emissions, TX Mode, 1-18G



TUV Rheinland Taiwan Ltd.

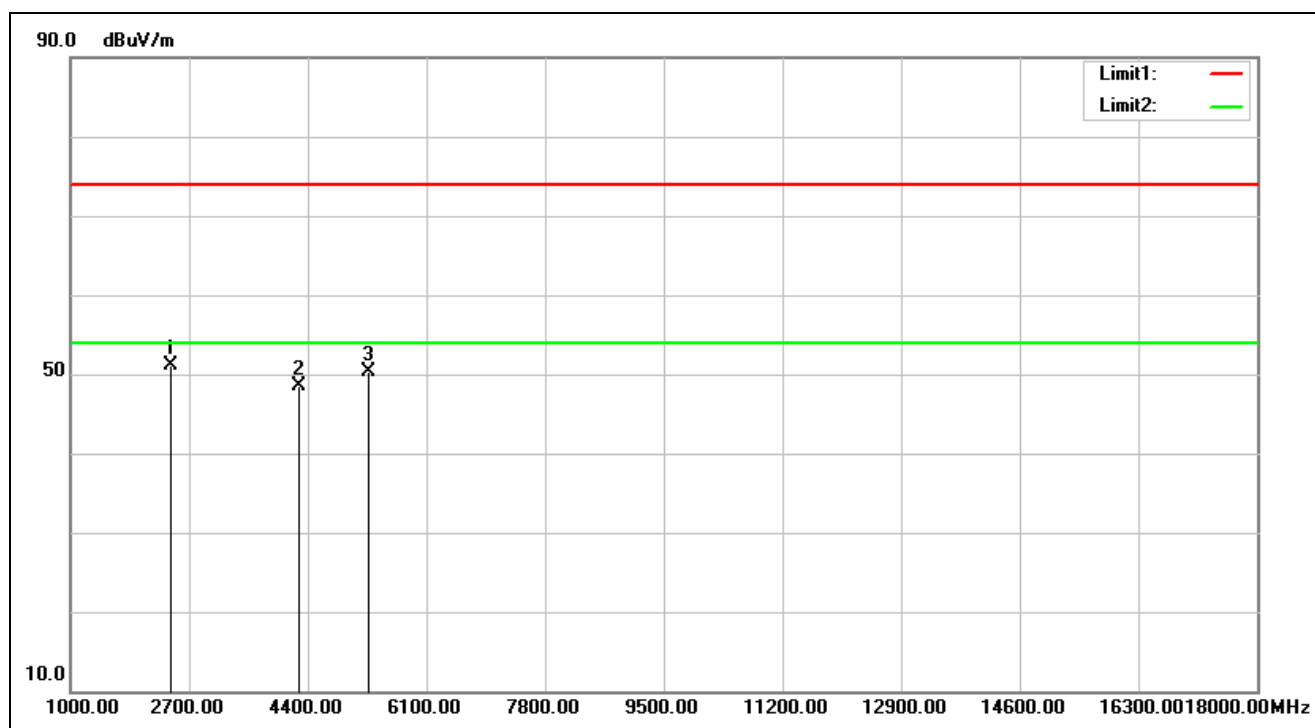
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



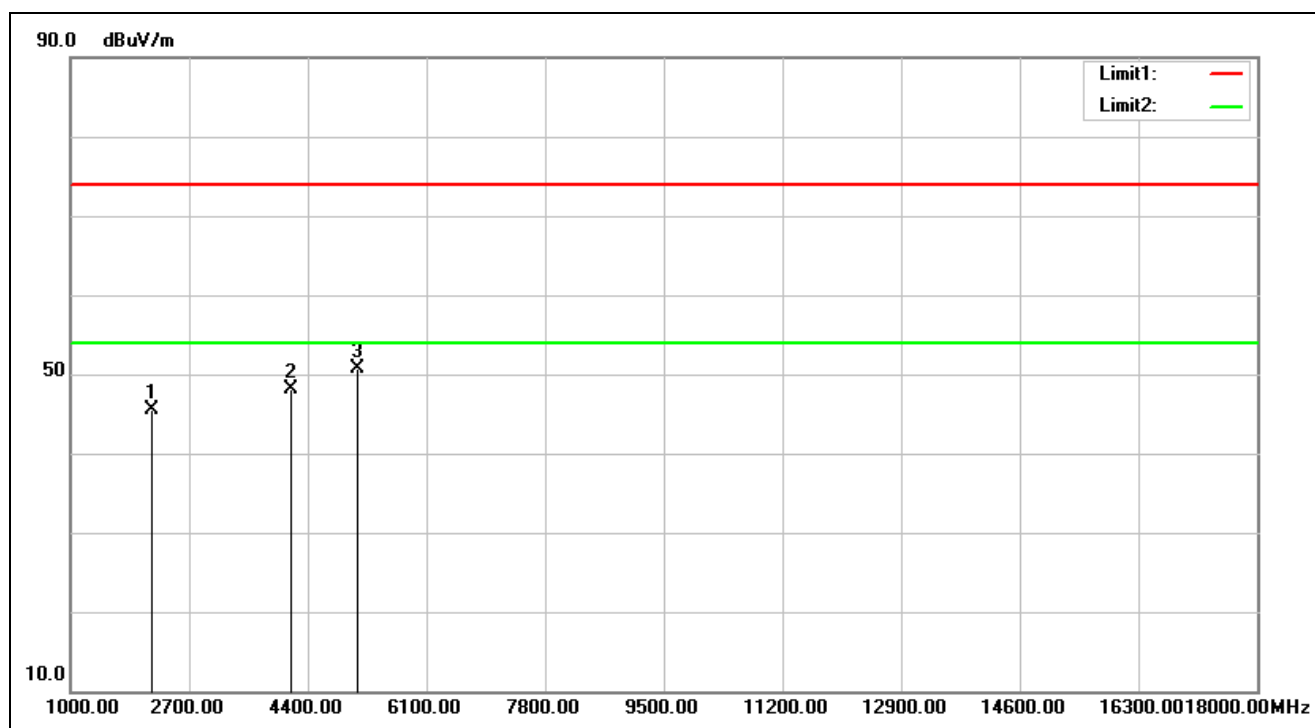
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 10:54:40
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.16-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2428.000	-5.85	56.62	50.77	74.00	-23.23	peak	100	359	
2	4621.000	-0.71	50.05	49.34	74.00	-24.66	peak	100	74	
3	4961.000	-0.09	51.04	50.95	74.00	-23.05	peak	100	354	



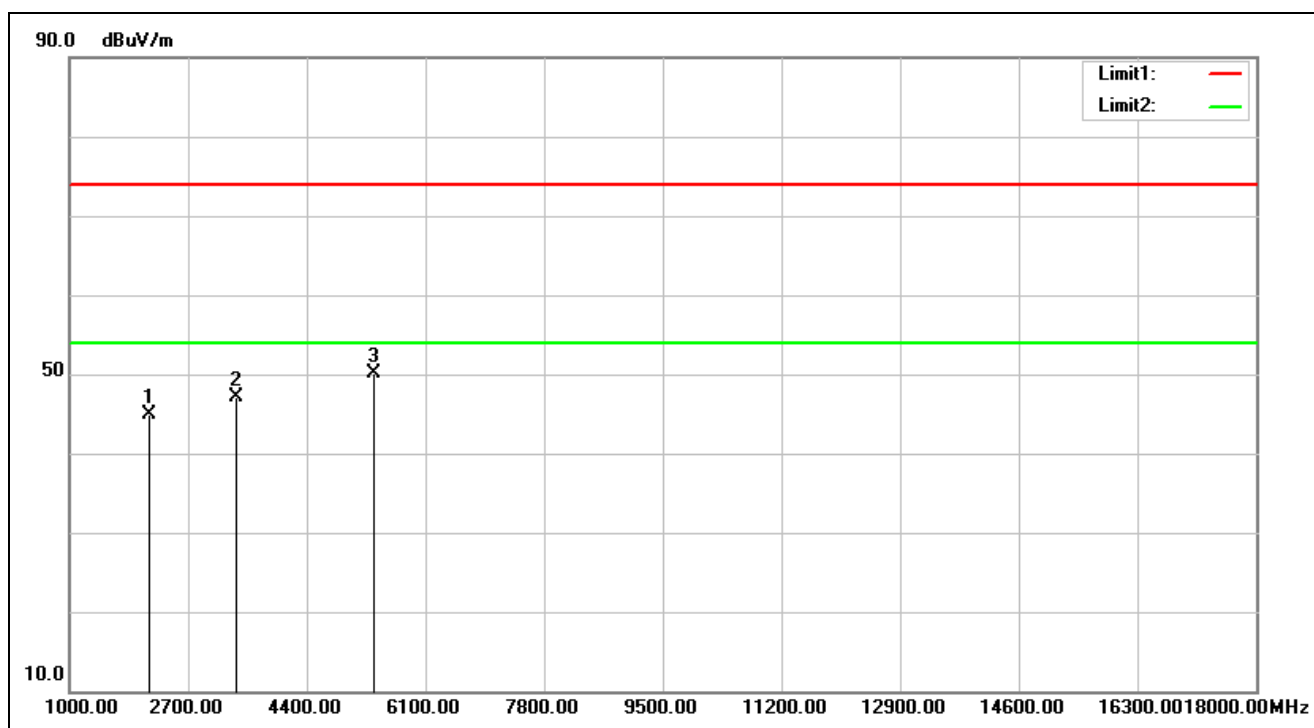
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 10:55:43
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.16-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2428.000	-5.85	56.90	51.05	74.00	-22.95	peak	100	106	
2	4264.000	-1.92	50.42	48.50	74.00	-25.50	peak	100	200	
3	5267.000	1.31	48.94	50.25	74.00	-23.75	peak	100	314	



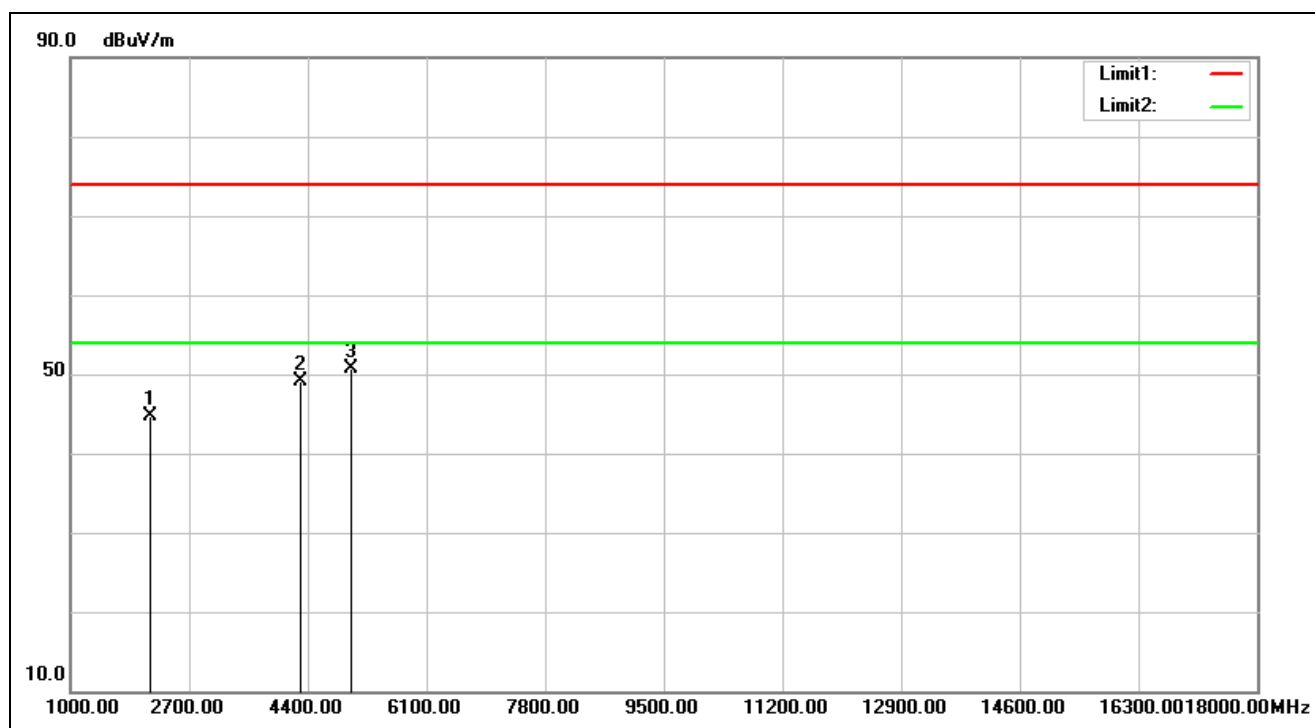
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 10:57:11
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2156.000	-5.96	51.42	45.46	74.00	-28.54	peak	100	304	
2	4162.000	-2.35	50.55	48.20	74.00	-25.80	peak	100	49	
3	5114.000	0.56	50.10	50.66	74.00	-23.34	peak	100	138	



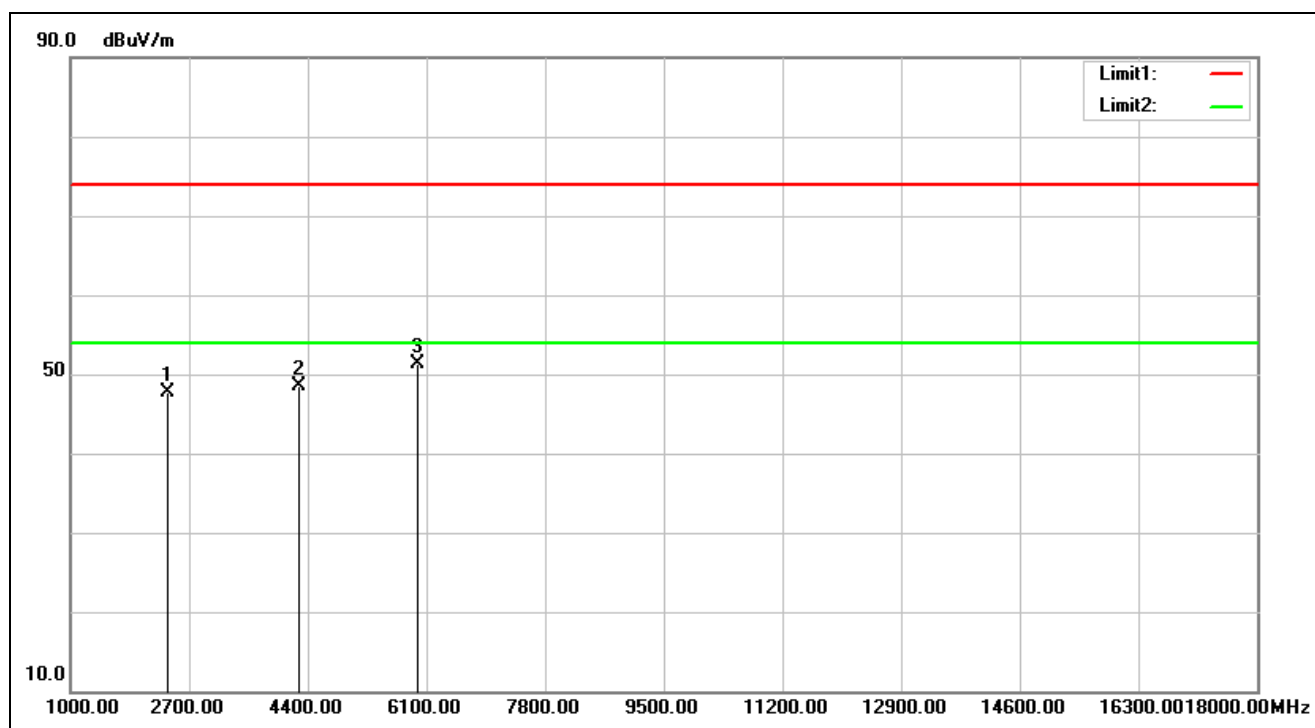
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Test item:	Radiation Emission	Test Time:	2017/8/15 10:58:13
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2139.000	-5.96	50.79	44.83	74.00	-29.17	peak	100	355	
2	3380.000	-4.29	51.34	47.05	74.00	-26.95	peak	100	192	
3	5369.000	1.82	48.38	50.20	74.00	-23.80	peak	100	28	



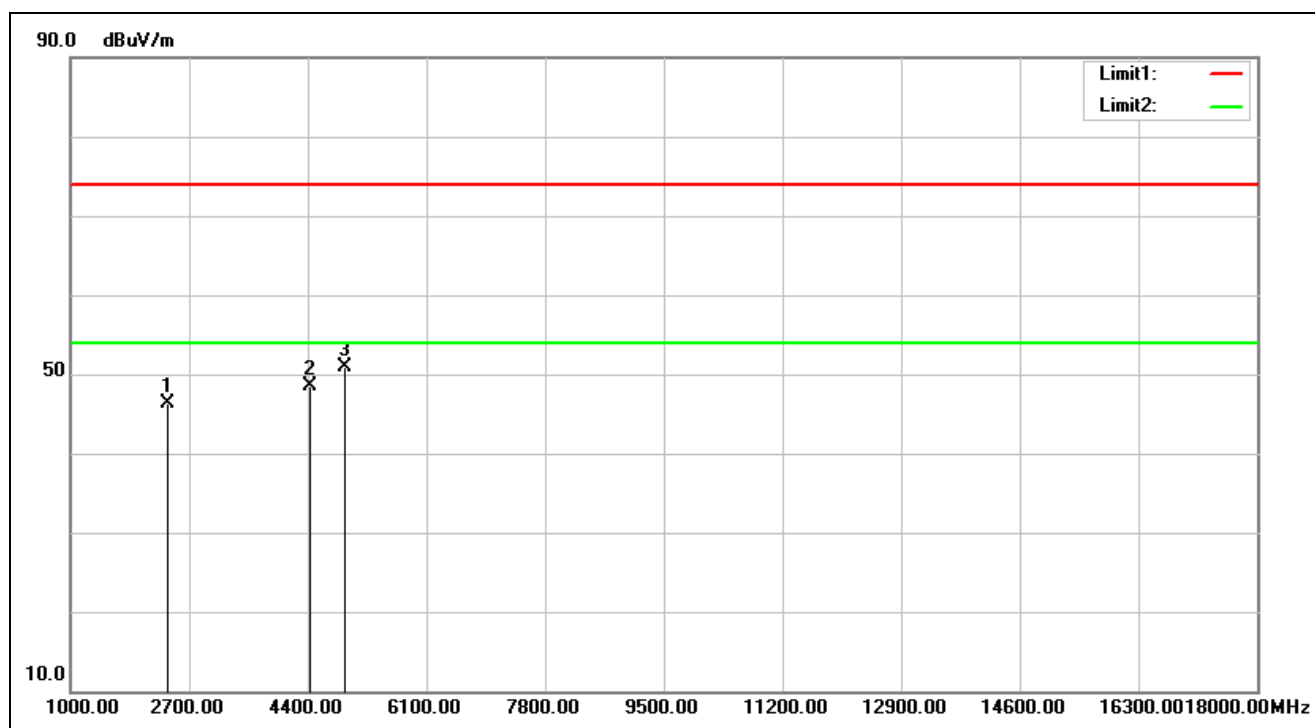
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:01:23
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.80-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2139.000	-5.96	50.62	44.66	74.00	-29.34	peak	100	111	
2	4298.000	-1.78	50.90	49.12	74.00	-24.88	peak	100	144	
3	5029.000	0.13	50.67	50.80	74.00	-23.20	peak	100	302	



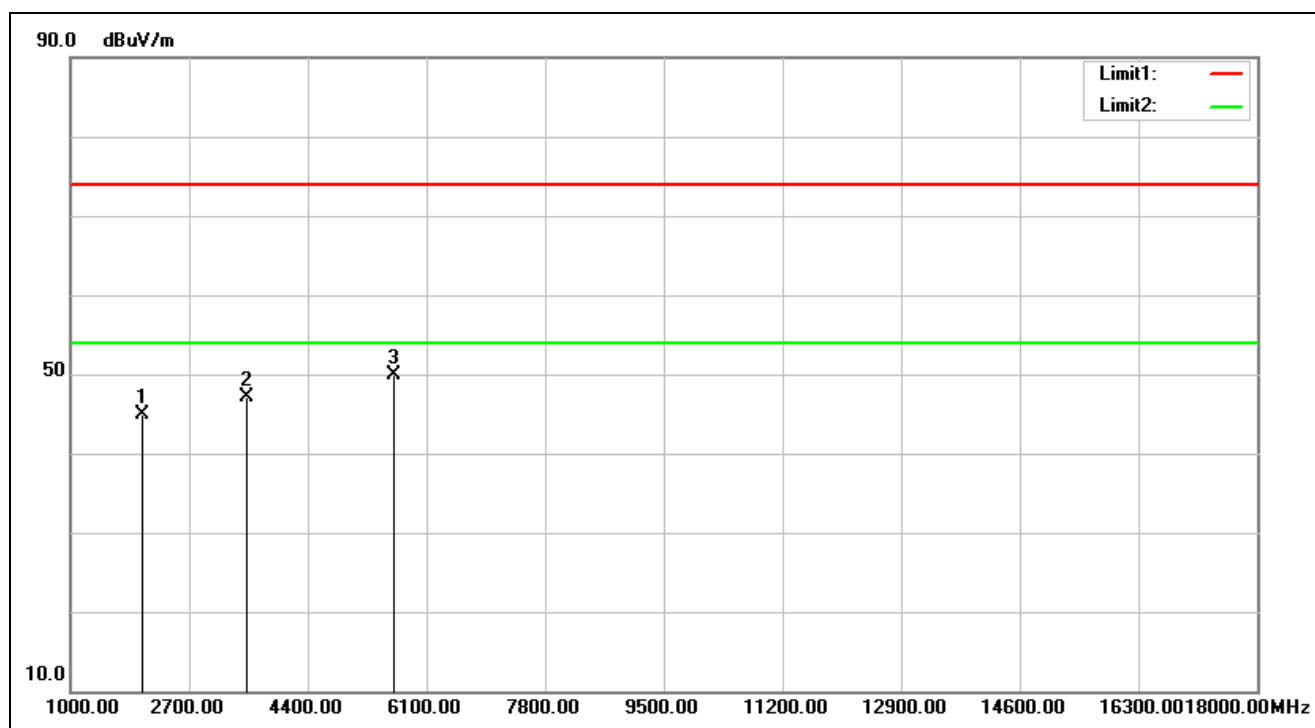
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:02:26
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.80-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2394.000	-5.87	53.52	47.65	74.00	-26.35	peak	100	308	
2	4264.000	-1.92	50.38	48.46	74.00	-25.54	peak	100	117	
3	5964.000	5.64	45.61	51.25	74.00	-22.75	peak	100	327	



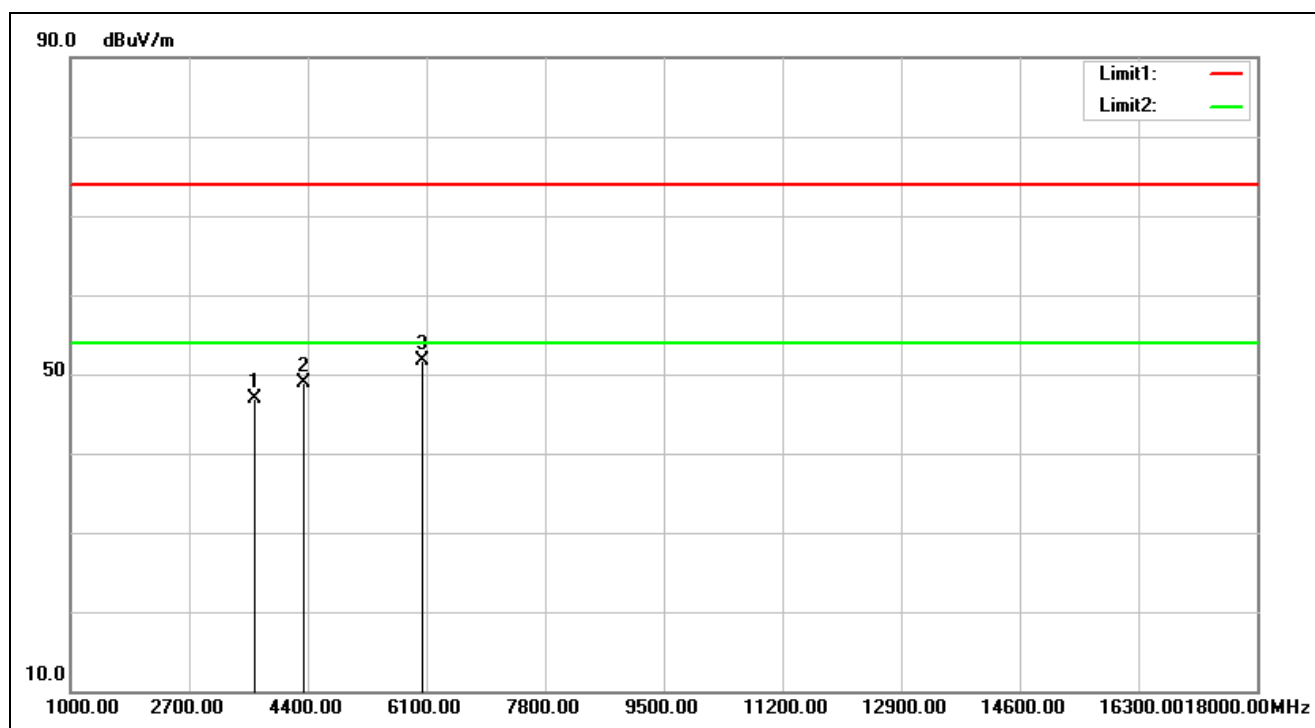
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:07:58
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.32-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2394.000	-5.87	52.25	46.38	74.00	-27.62	peak	100	16	
2	4434.000	-1.21	49.76	48.55	74.00	-25.45	peak	100	304	
3	4927.000	-0.15	50.96	50.81	74.00	-23.19	peak	100	152	



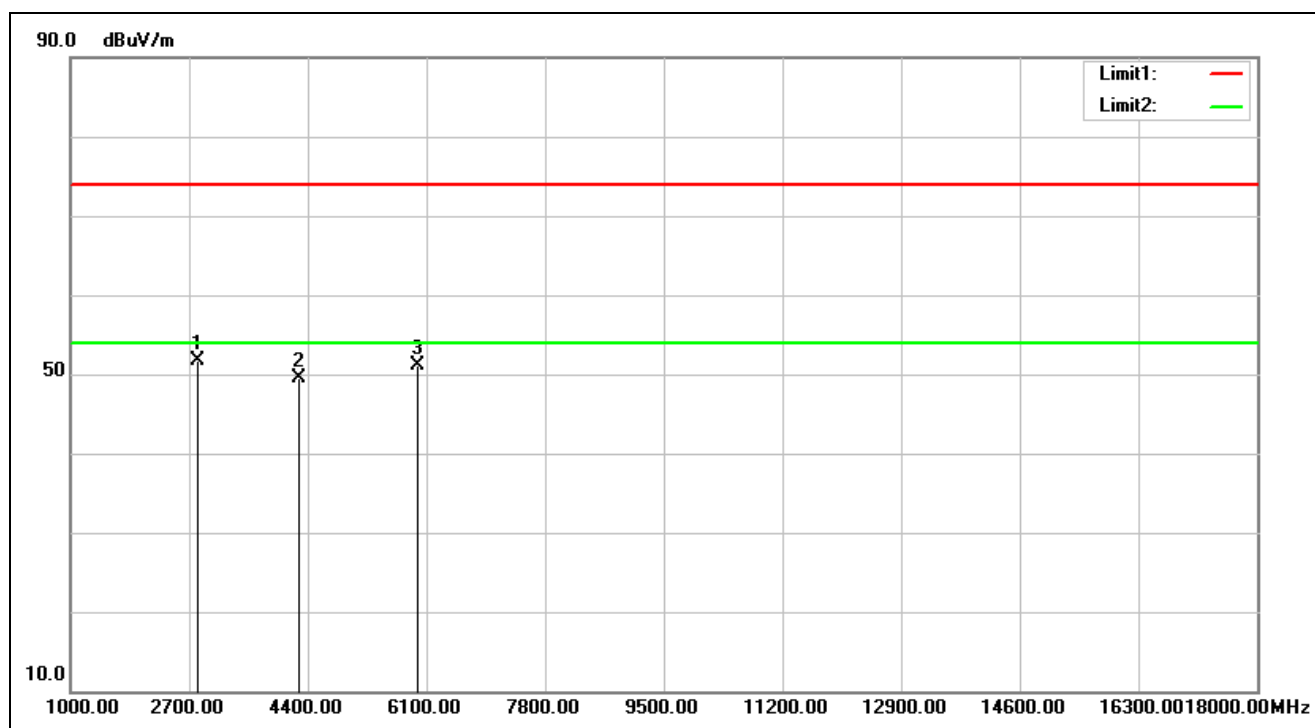
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:09:01
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.32-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2020.000	-6.01	50.91	44.90	74.00	-29.10	peak	100	316	
2	3516.000	-4.13	51.22	47.09	74.00	-26.91	peak	100	291	
3	5624.000	3.32	46.51	49.83	74.00	-24.17	peak	100	175	



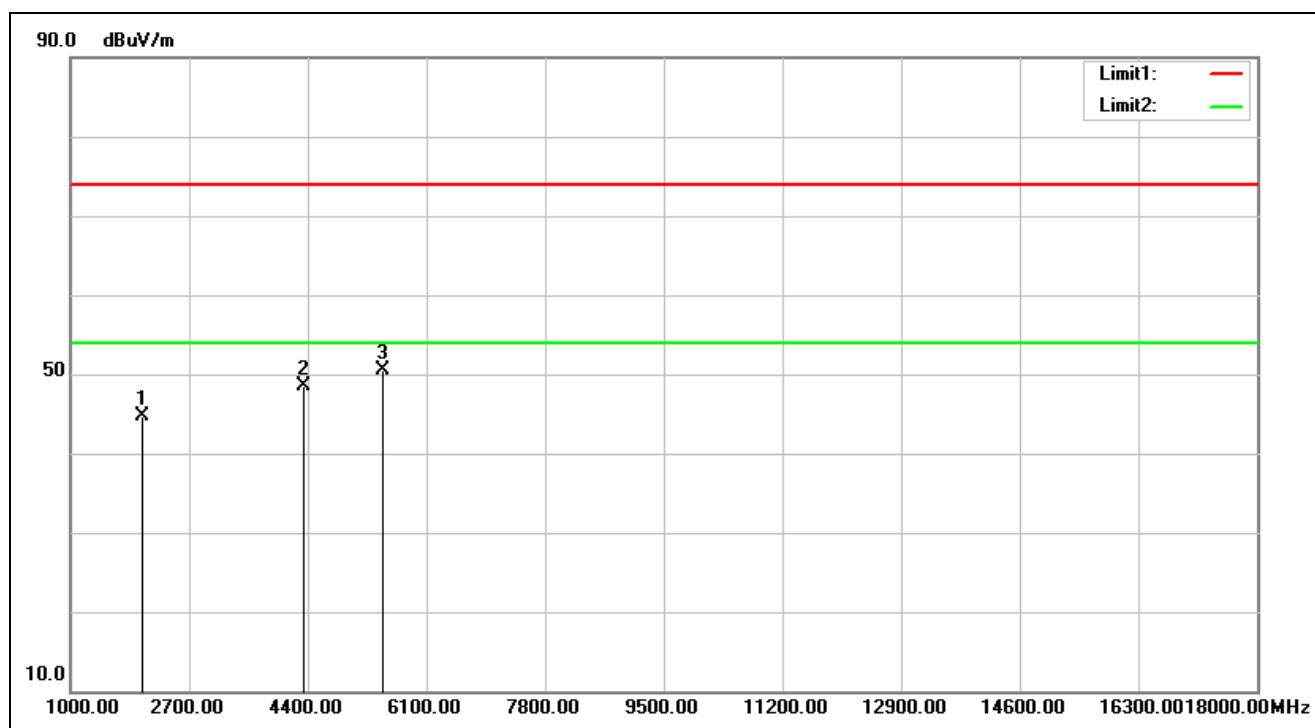
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:11:52
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3635.000	-3.86	50.72	46.86	74.00	-27.14	peak	100	260	
2	4349.000	-1.57	50.52	48.95	74.00	-25.05	peak	100	215	
3	6049.000	6.08	45.57	51.65	74.00	-22.35	peak	100	235	



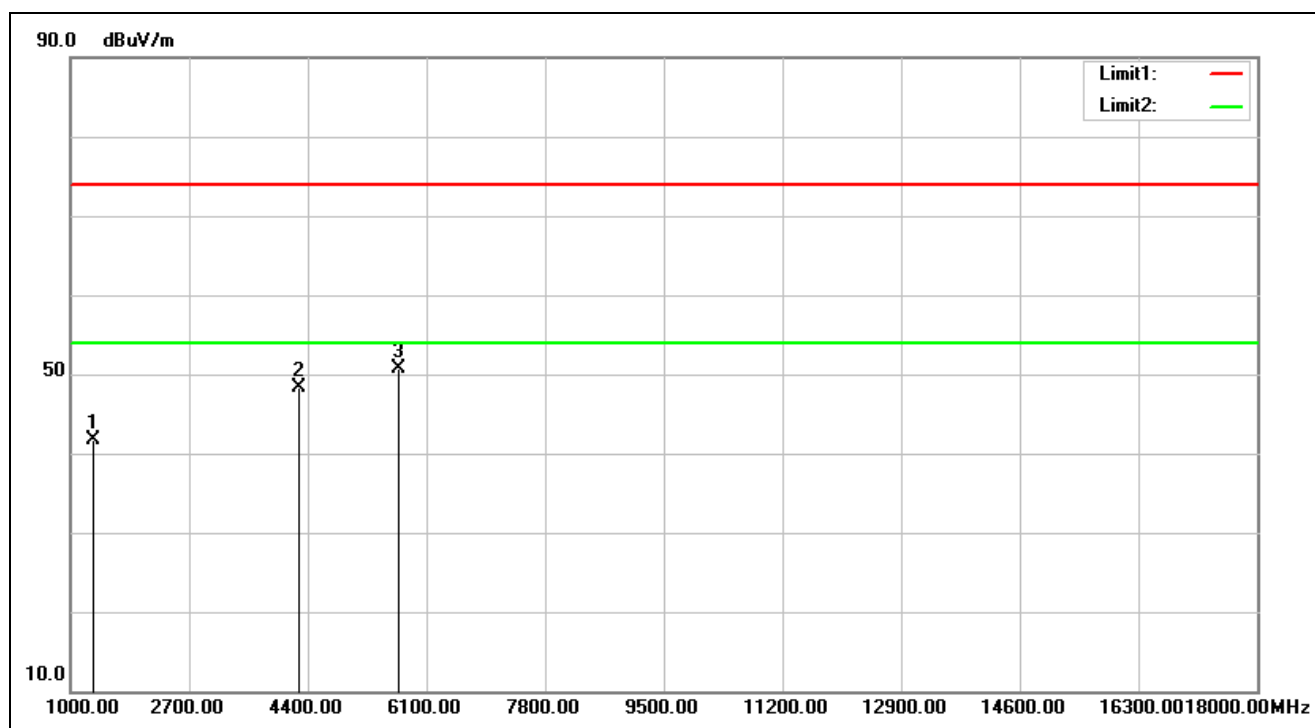
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:12:55
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2819.000	-5.09	56.85	51.76	74.00	-22.24	peak	100	215	
2	4264.000	-1.92	51.38	49.46	74.00	-24.54	peak	100	271	
3	5964.000	5.64	45.54	51.18	74.00	-22.82	peak	100	300	



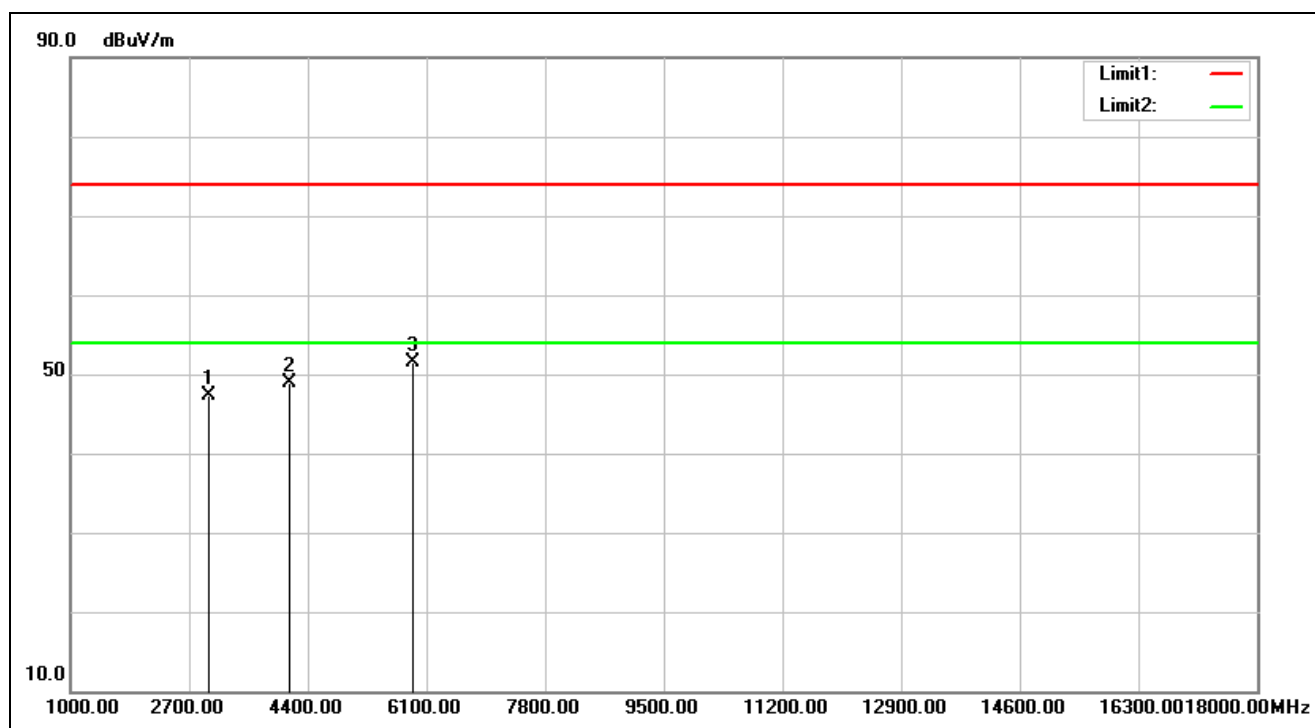
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:15:12
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.96-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2020.000	-6.01	50.79	44.78	74.00	-29.22	peak	100	96	
2	4349.000	-1.57	50.10	48.53	74.00	-25.47	peak	100	5	
3	5471.000	2.33	48.12	50.45	74.00	-23.55	peak	100	41	



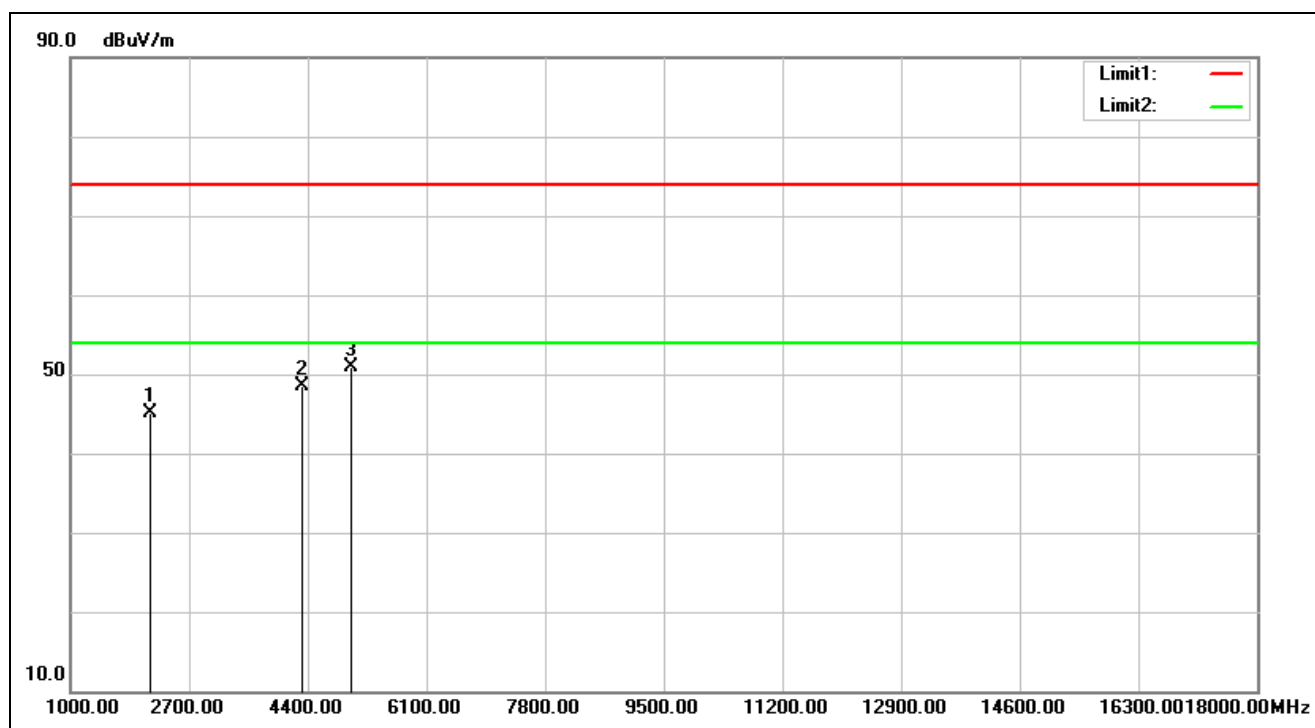
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Test item:	Radiation Emission	Test Time:	2017/8/15 11:16:15
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.96-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1323.000	-9.54	51.17	41.63	74.00	-32.37	peak	100	208	
2	4281.000	-1.85	50.11	48.26	74.00	-25.74	peak	100	236	
3	5692.000	3.79	46.89	50.68	74.00	-23.32	peak	100	28	



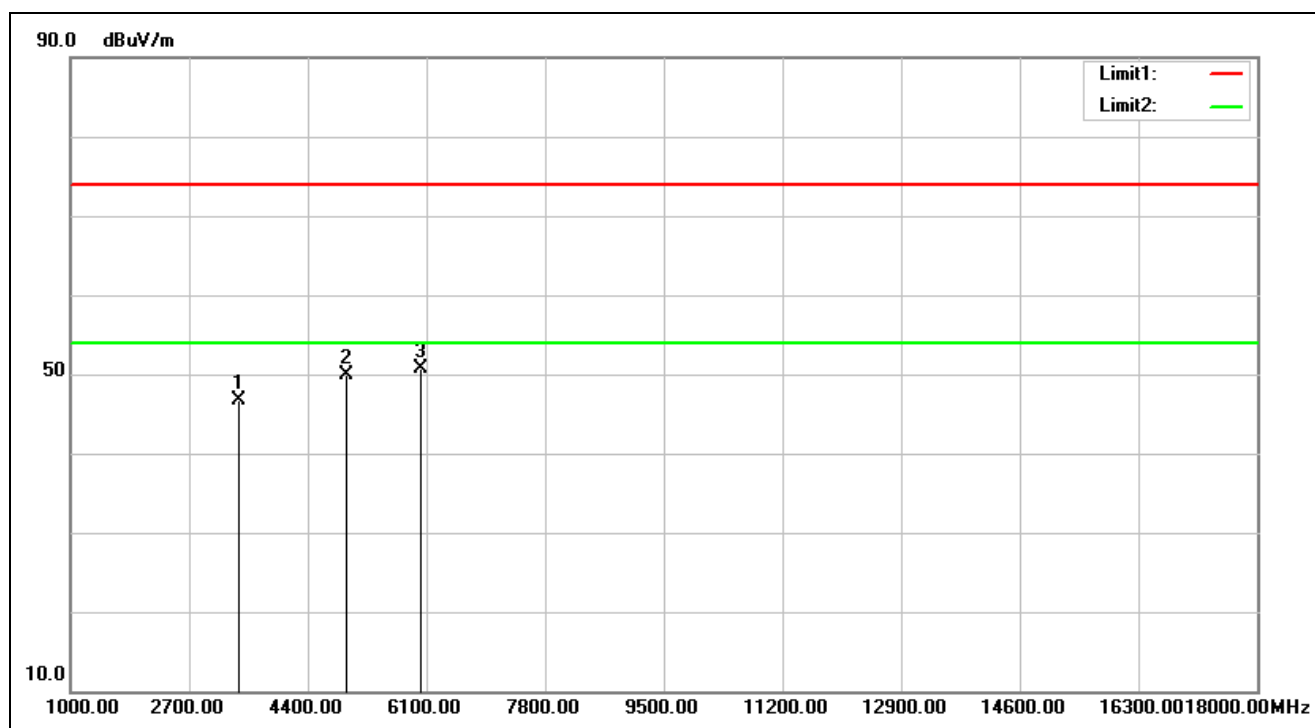
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Test item:	Radiation Emission	Test Time:	2017/8/15 11:05:16
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2989.000	-4.70	52.00	47.30	74.00	-26.70	peak	100	302	
2	4145.000	-2.43	51.36	48.93	74.00	-25.07	peak	100	138	
3	5913.000	5.29	46.28	51.57	74.00	-22.43	peak	100	263	



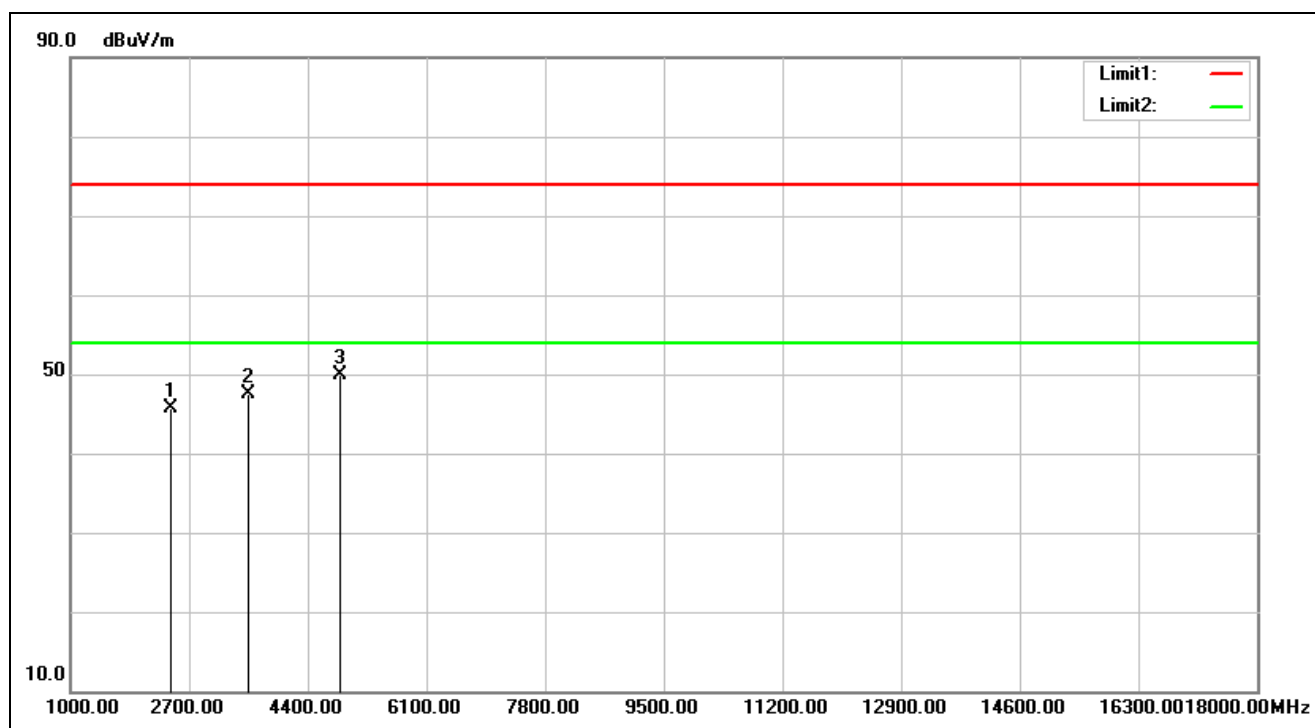
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:06:19
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2139.000	-5.96	51.05	45.09	74.00	-28.91	peak	100	70	
2	4315.000	-1.71	50.20	48.49	74.00	-25.51	peak	100	294	
3	5029.000	0.13	50.72	50.85	74.00	-23.15	peak	100	97	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:17:52
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3414.000	-4.26	50.97	46.71	74.00	-27.29	peak	100	246	
2	4944.000	-0.11	50.09	49.98	74.00	-24.02	peak	100	340	
3	6015.000	5.94	44.75	50.69	74.00	-23.31	peak	100	108	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:18:55
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2445.000	-5.85	51.65	45.80	74.00	-28.20	peak	100	183	
2	3550.000	-4.06	51.53	47.47	74.00	-26.53	peak	100	244	
3	4859.000	-0.28	50.09	49.81	74.00	-24.19	peak	100	14	

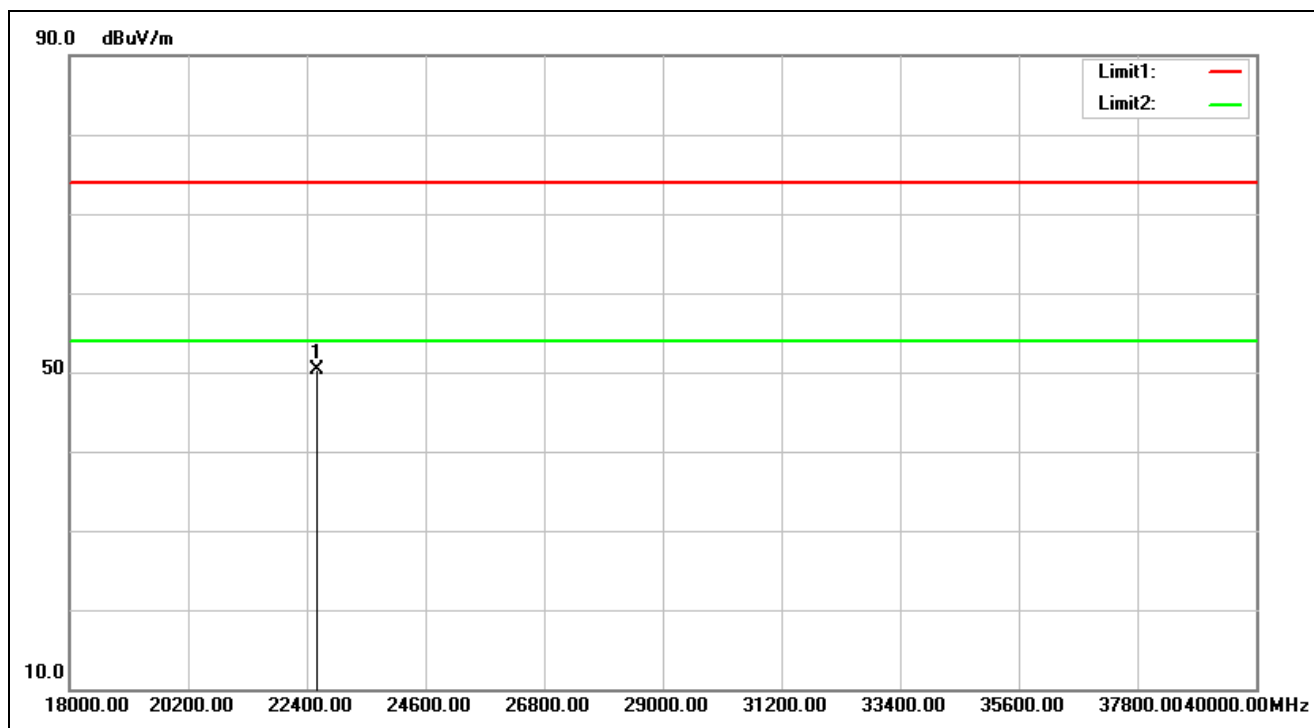
Spurious Emissions, TX Mode, 18-26G



TUV Rheinland Taiwan Ltd.

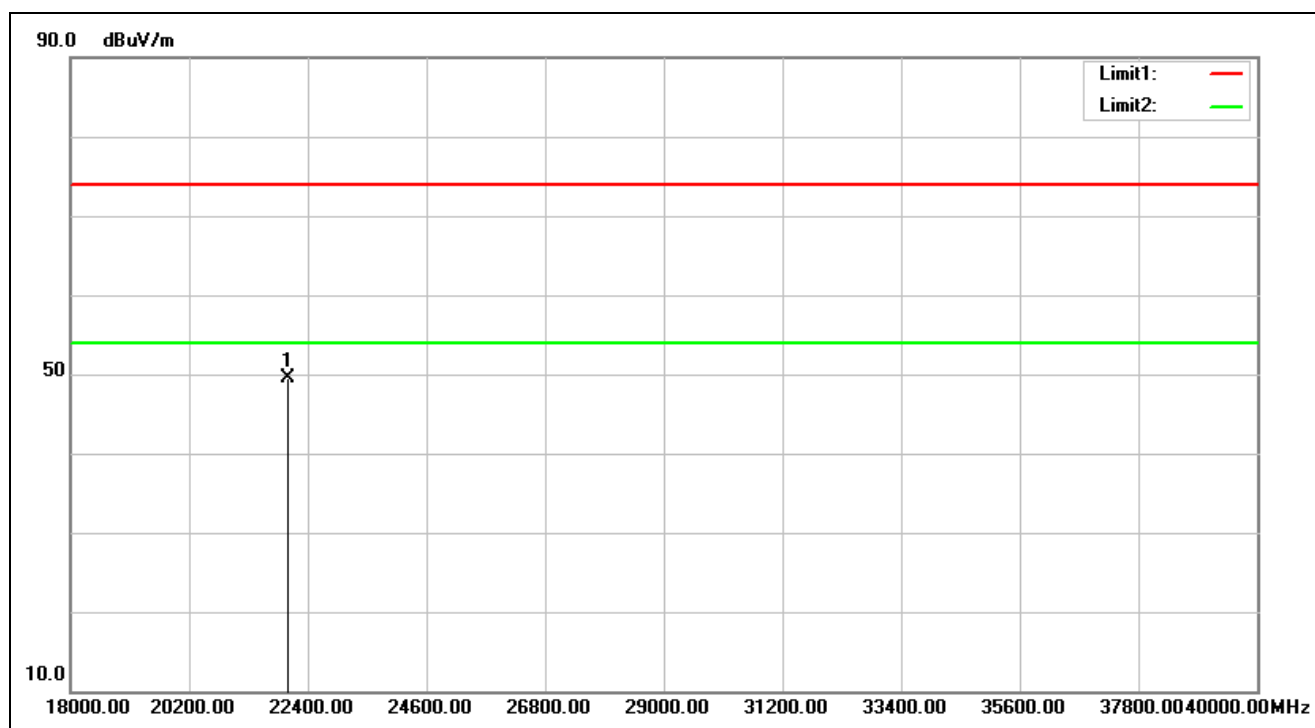
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



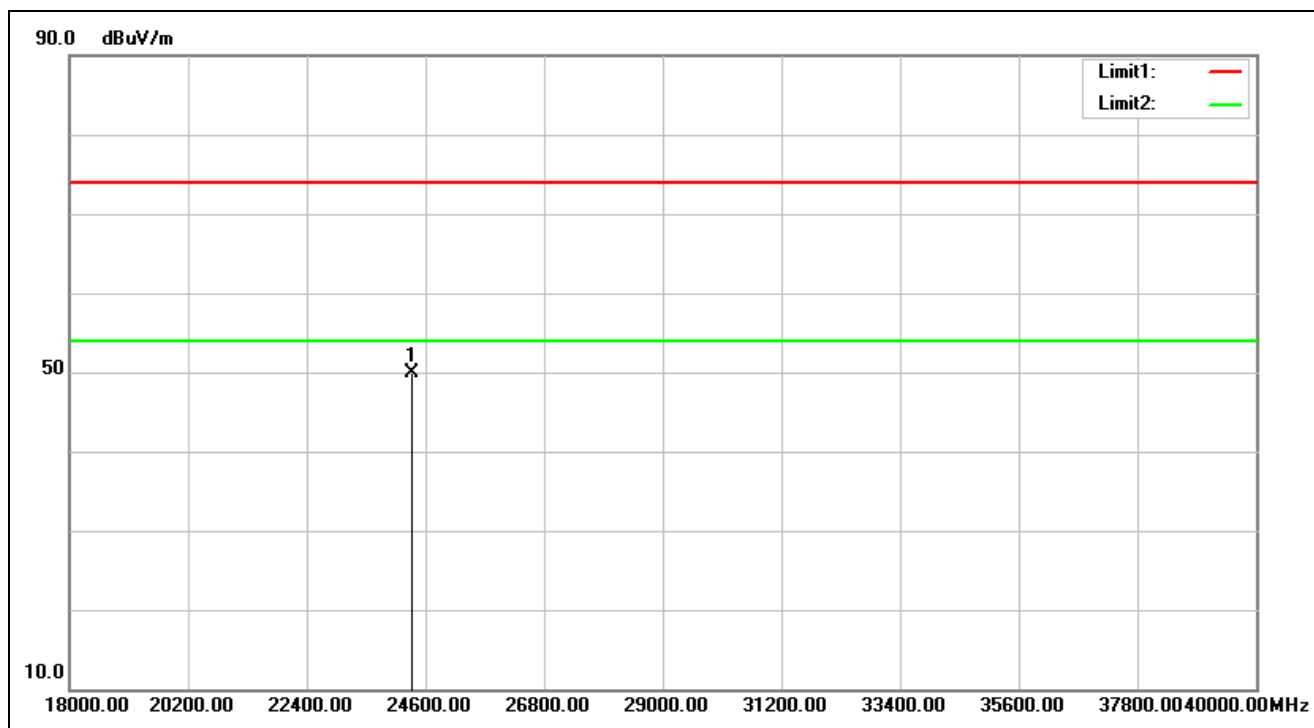
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:02:26
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.16-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22598.000	32.33	17.97	50.30	74.00	-23.70	peak		0	



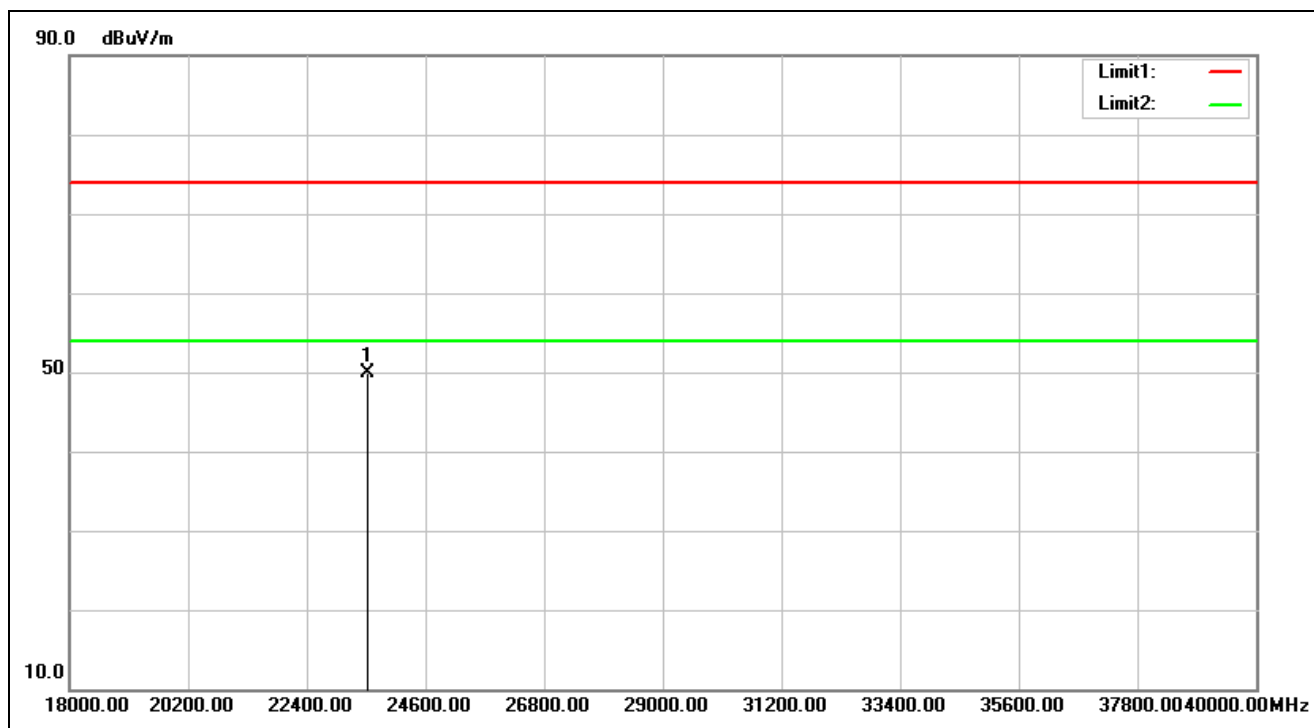
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:02:34
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.16-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22026.000	32.65	16.86	49.51	74.00	-24.49	peak			



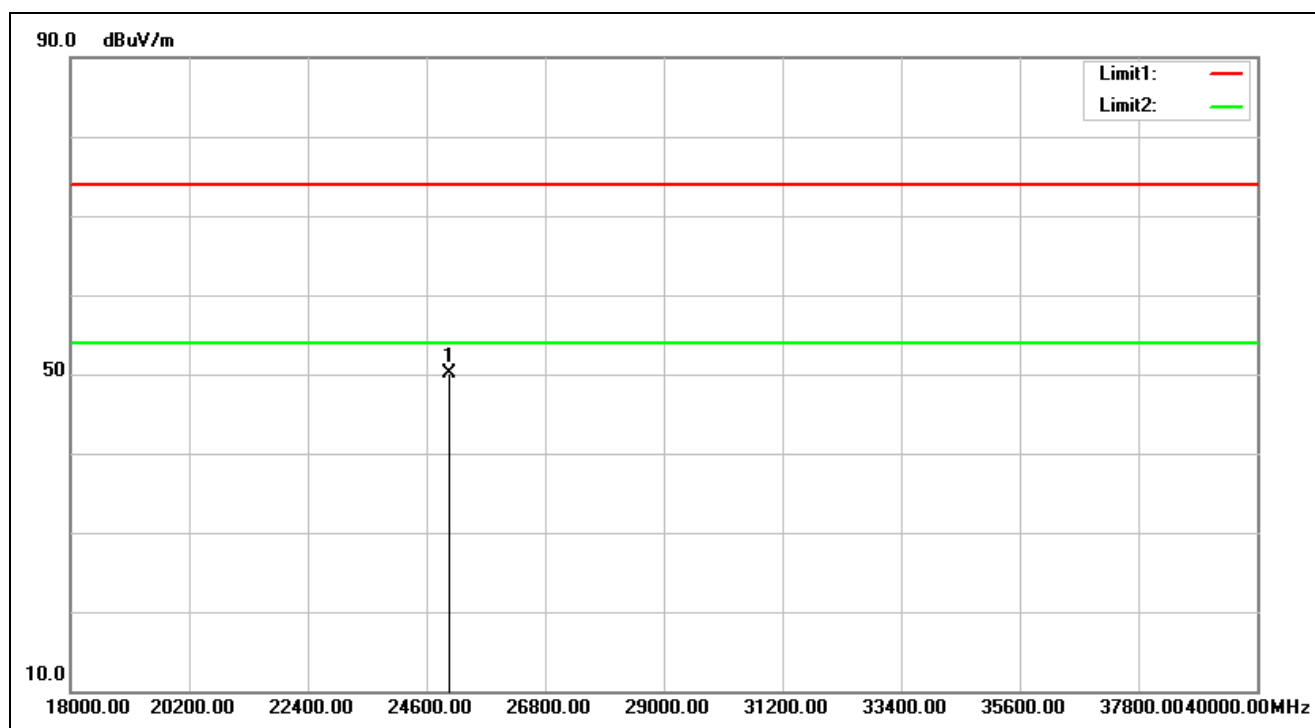
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:03:04
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24358.000	32.33	17.60	49.93	74.00	-24.07	peak			



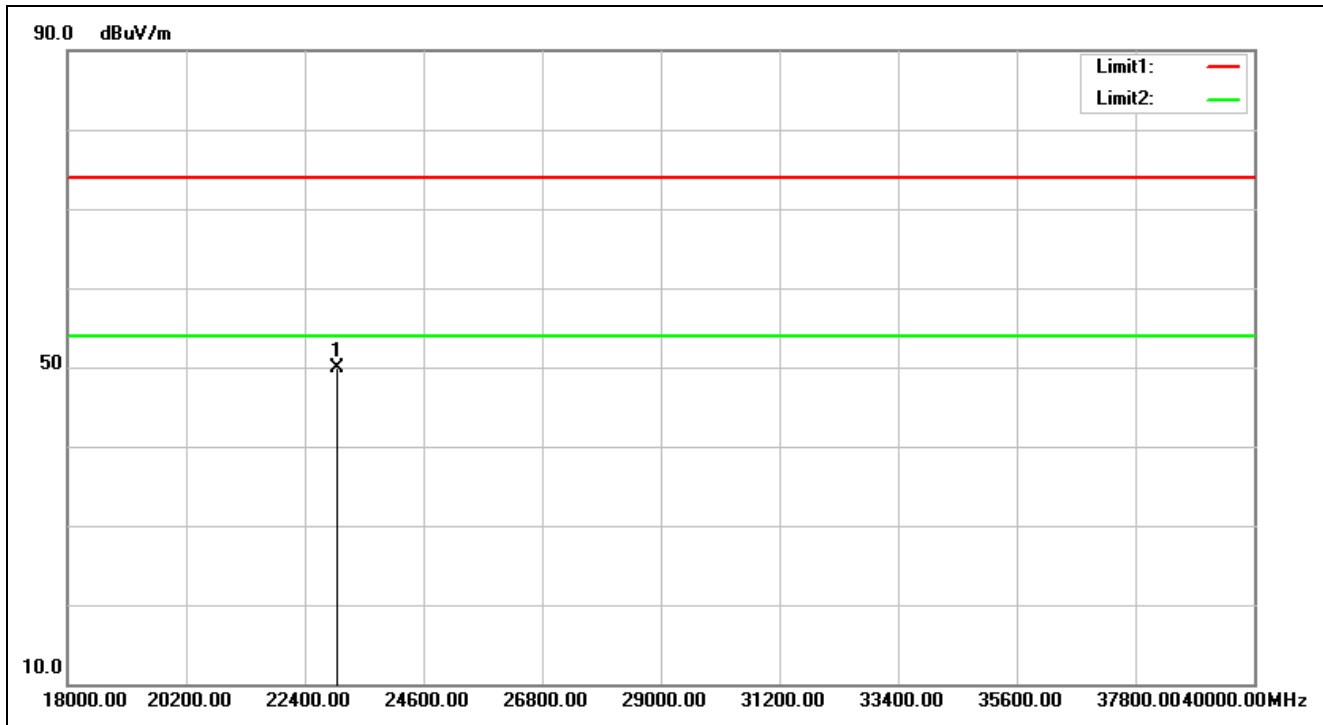
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:03:22
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23522.000	32.55	17.28	49.83	74.00	-24.17	peak			



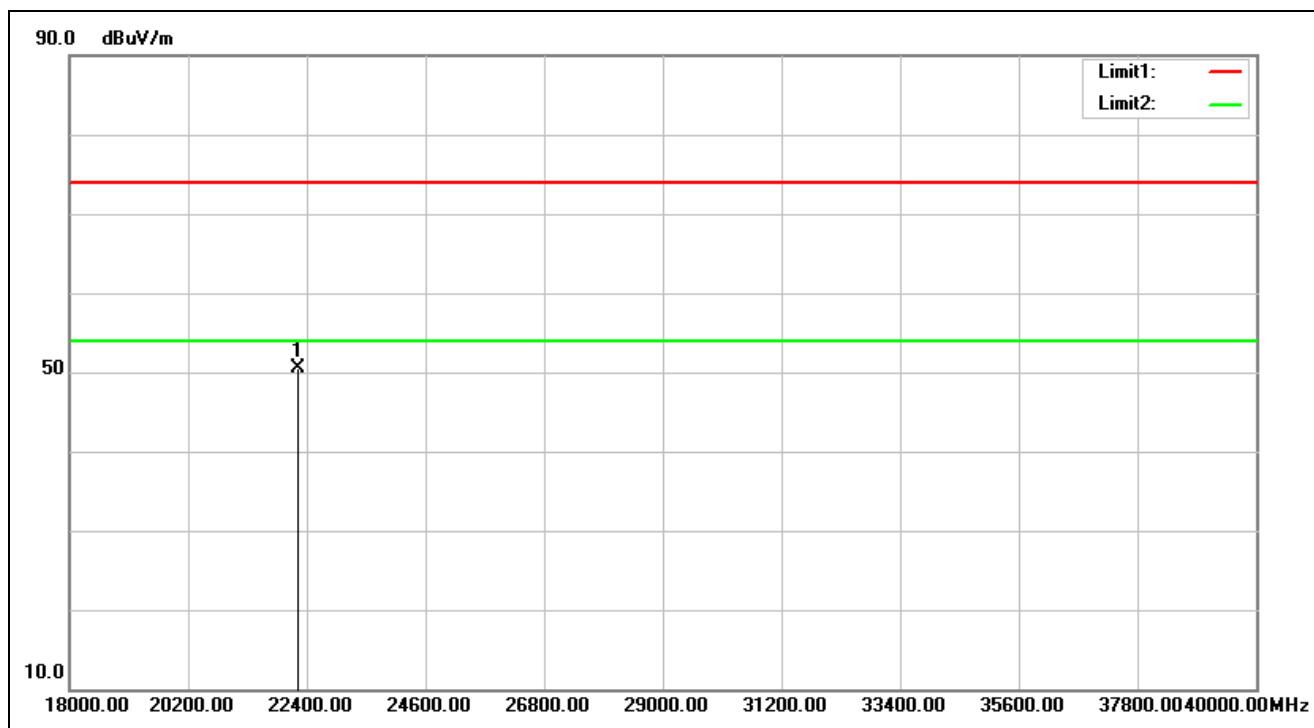
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:03:37
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.80-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25018.000	33.39	16.64	50.03	74.00	-23.97	peak			



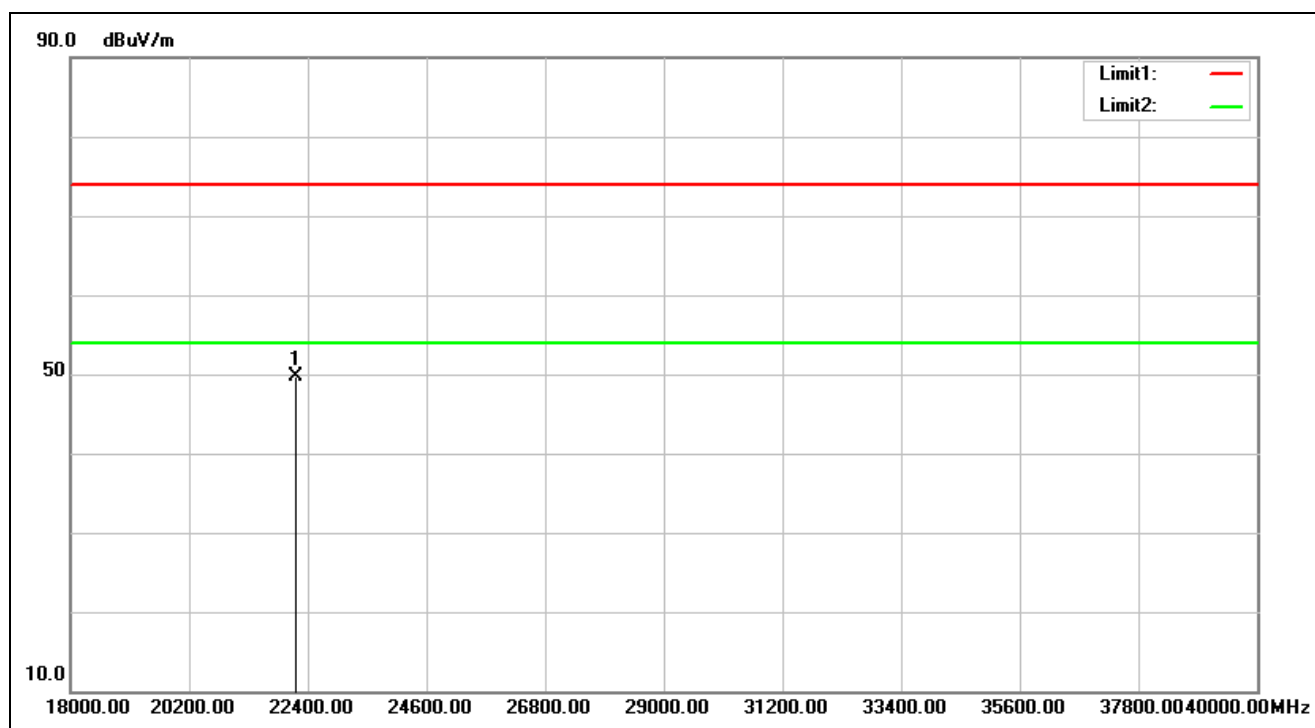
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:03:48
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.80-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22994.000	32.09	17.79	49.88	74.00	-24.12	peak			



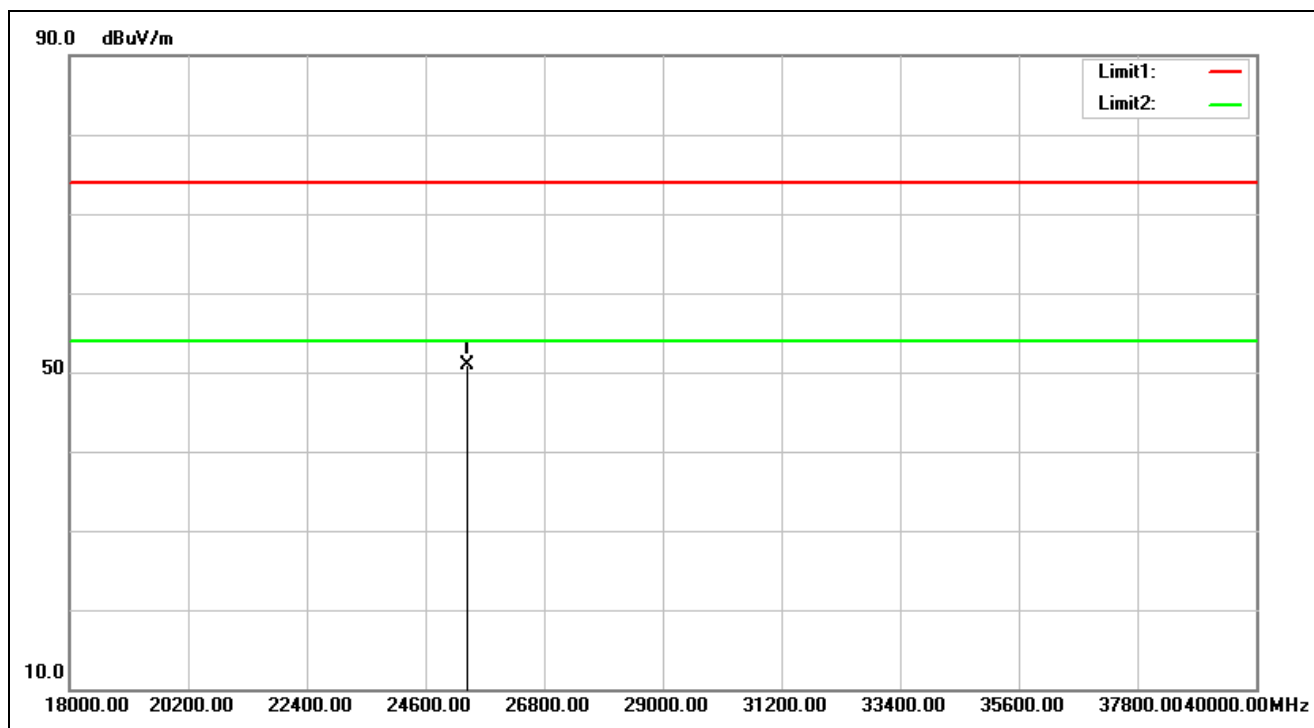
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:05:02
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.32-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22246.000	32.53	18.00	50.53	74.00	-23.47	peak			



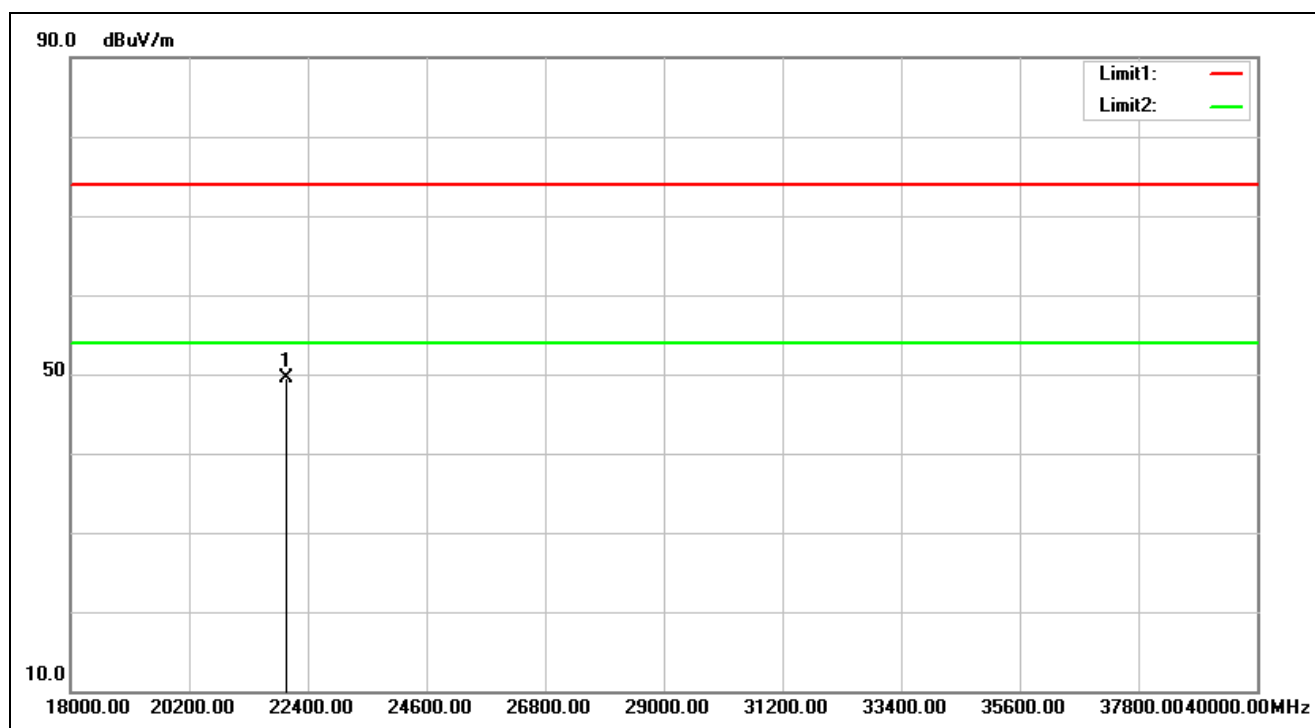
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:05:11
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.32-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22180.000	32.57	17.15	49.72	74.00	-24.28	peak			



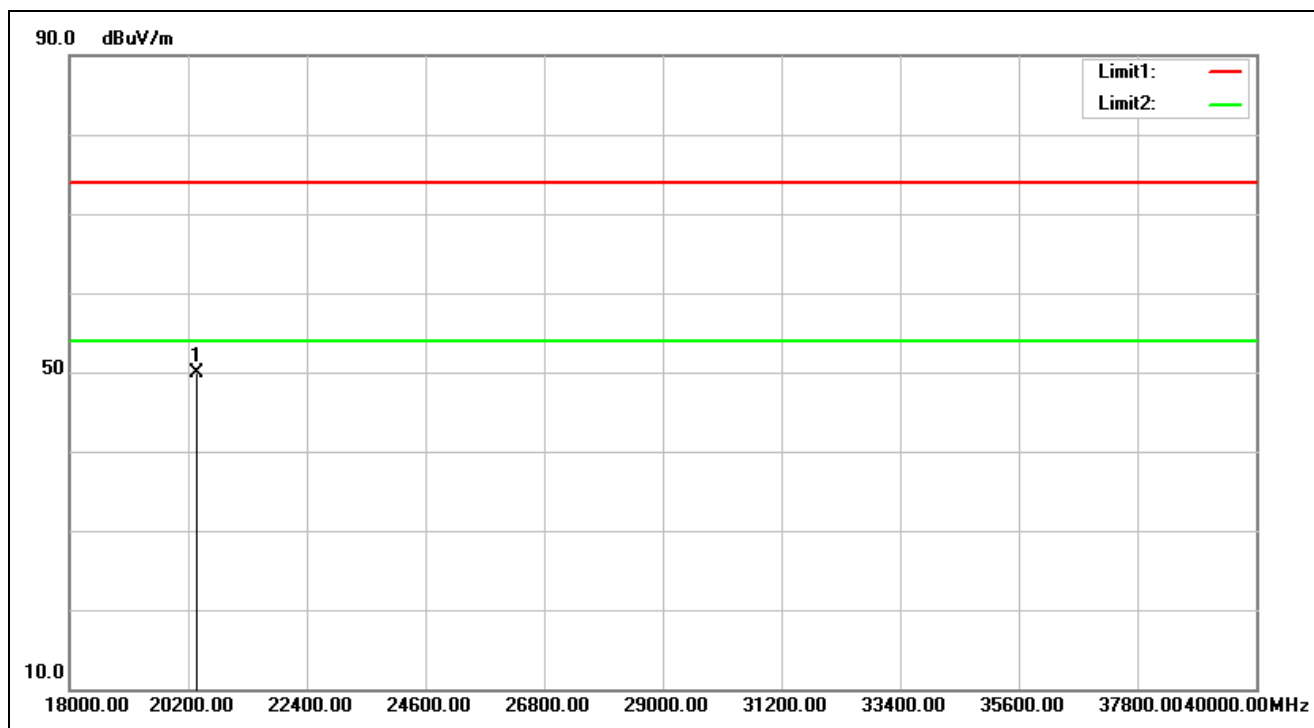
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:05:36
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25370.000	34.26	16.68	50.94	74.00	-23.06	peak			



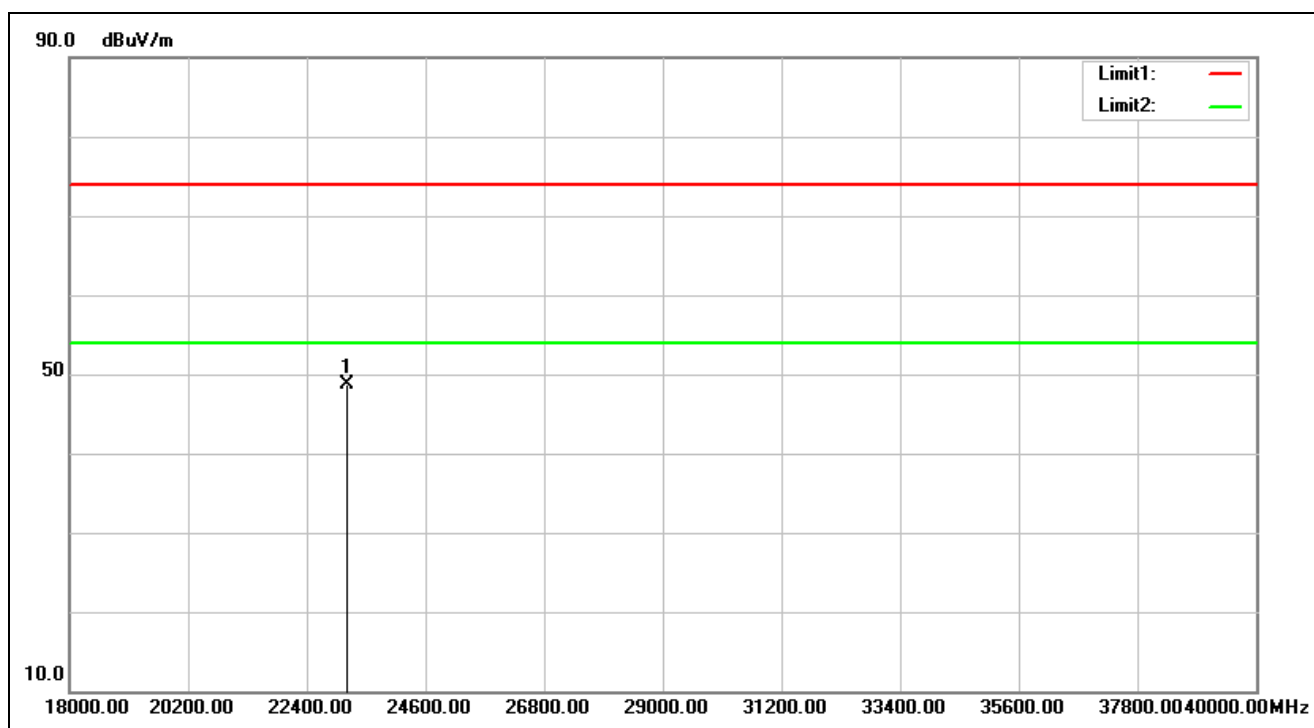
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:05:45
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22004.000	32.67	16.76	49.43	74.00	-24.57	peak			



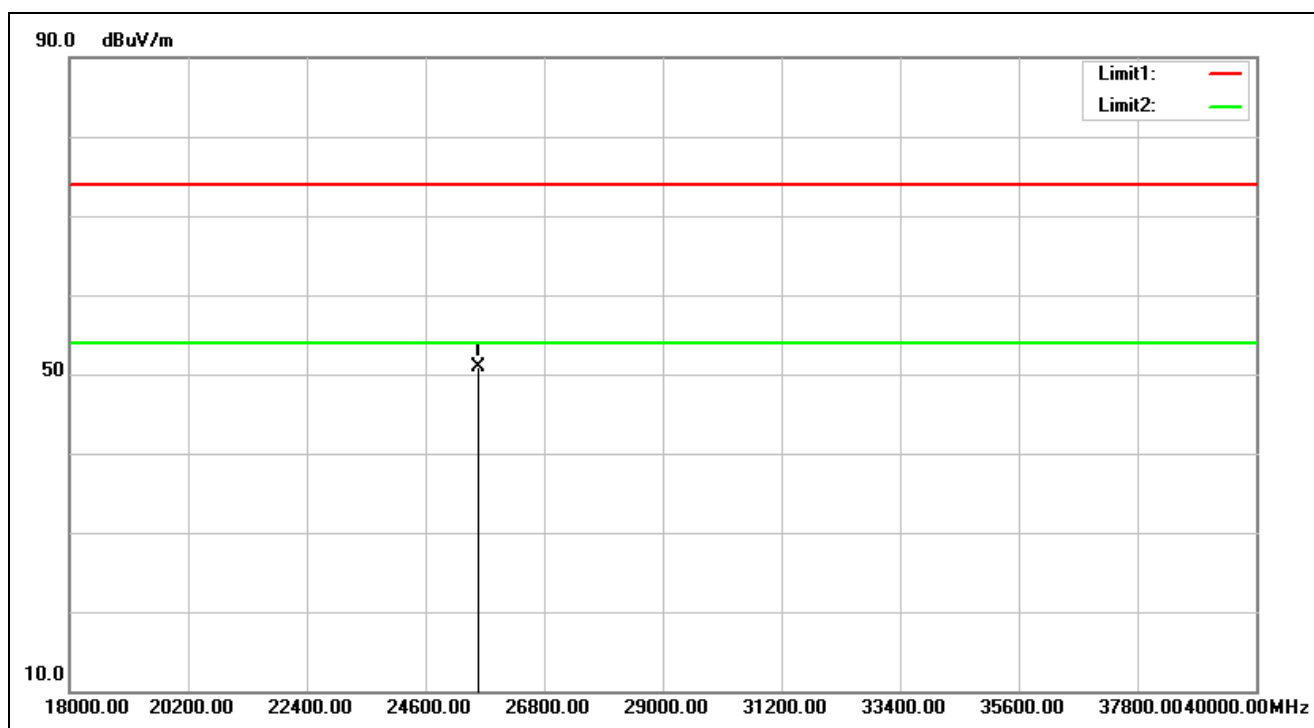
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:06:02
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.96-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20354.000	31.00	18.83	49.83	74.00	-24.17	peak			



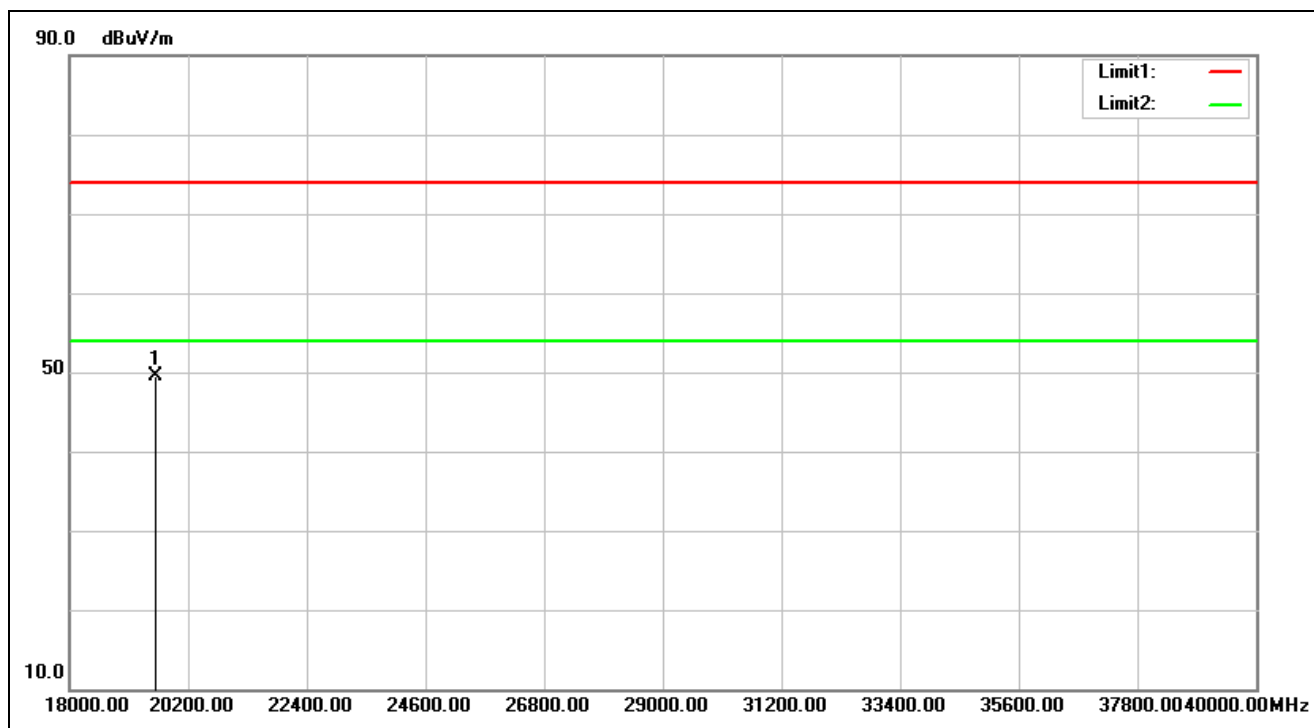
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:06:10
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.96-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23148.000	32.24	16.38	48.62	74.00	-25.38	peak			



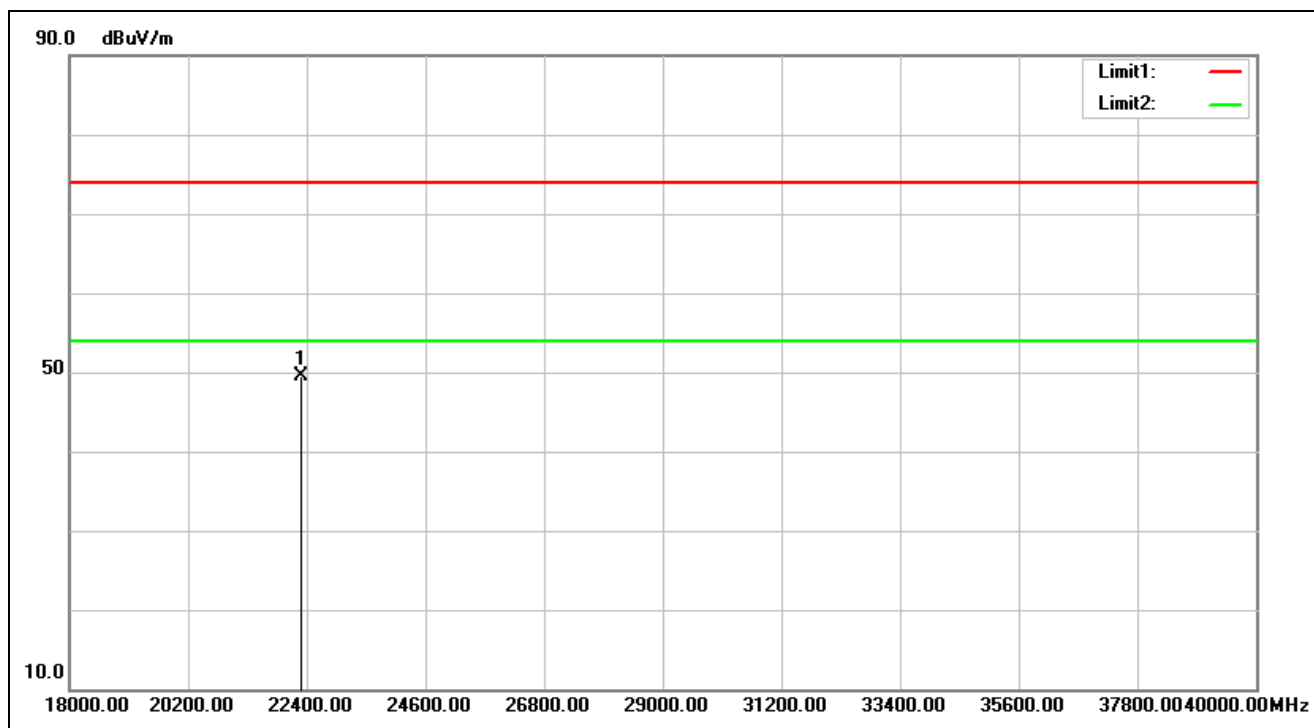
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:04:14
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25590.000	34.64	16.26	50.90	74.00	-23.10	peak			



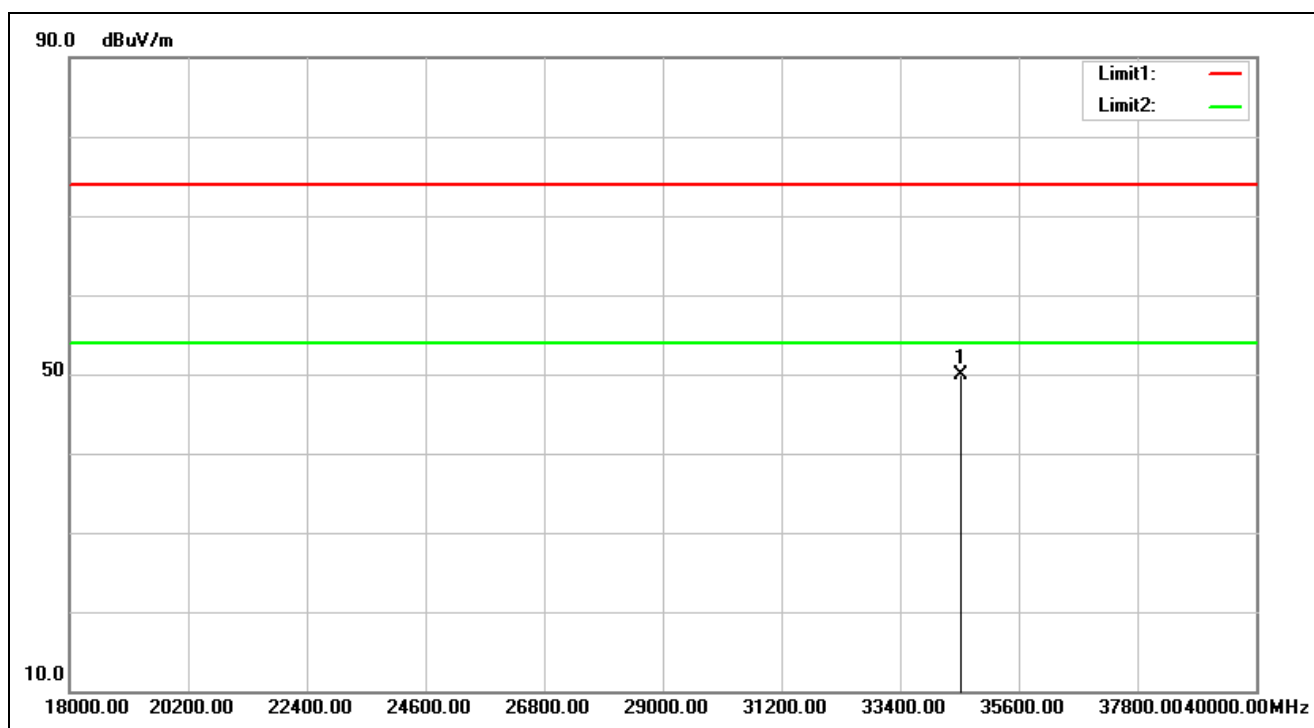
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:04:23
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19606.000	30.31	19.17	49.48	74.00	-24.52	peak			



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:06:26
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22290.000	32.51	16.95	49.46	74.00	-24.54	peak			



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:06:34
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	34522.000	39.49	10.45	49.94	74.00	-24.06	peak			

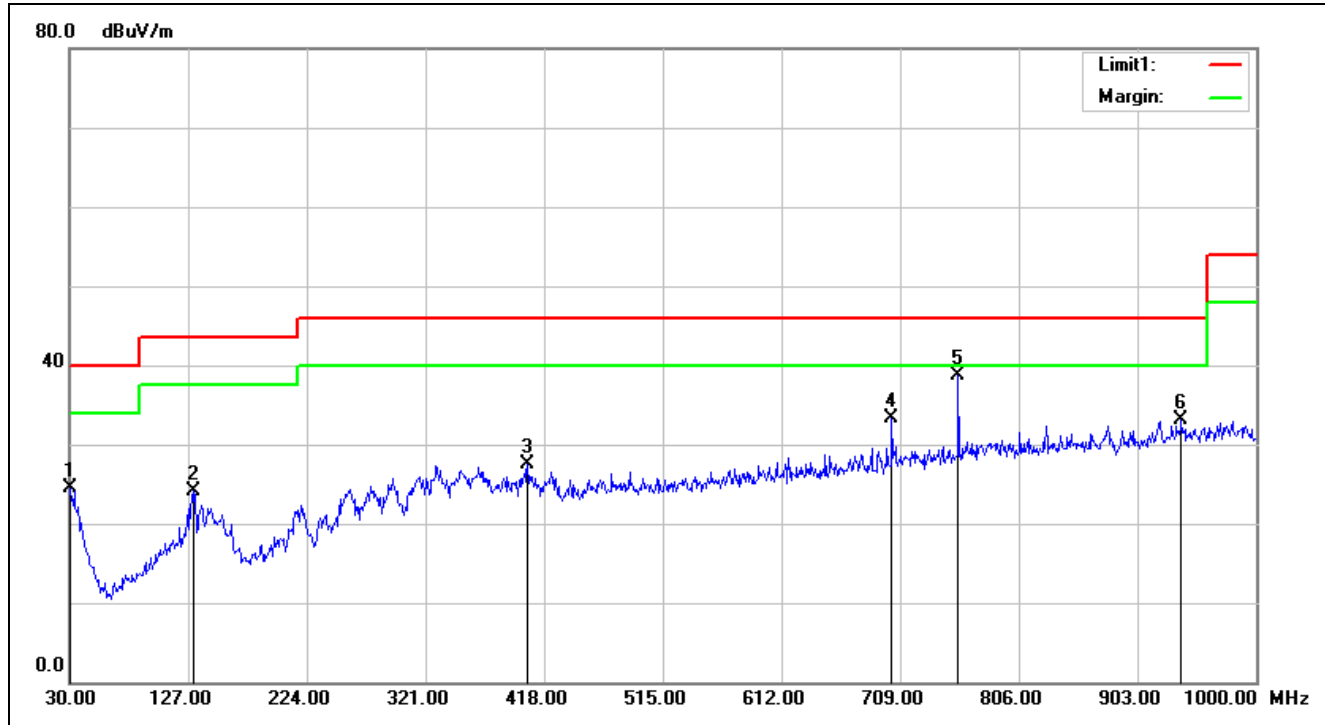
Spurious Emissions, TX Mode, 30M-1G



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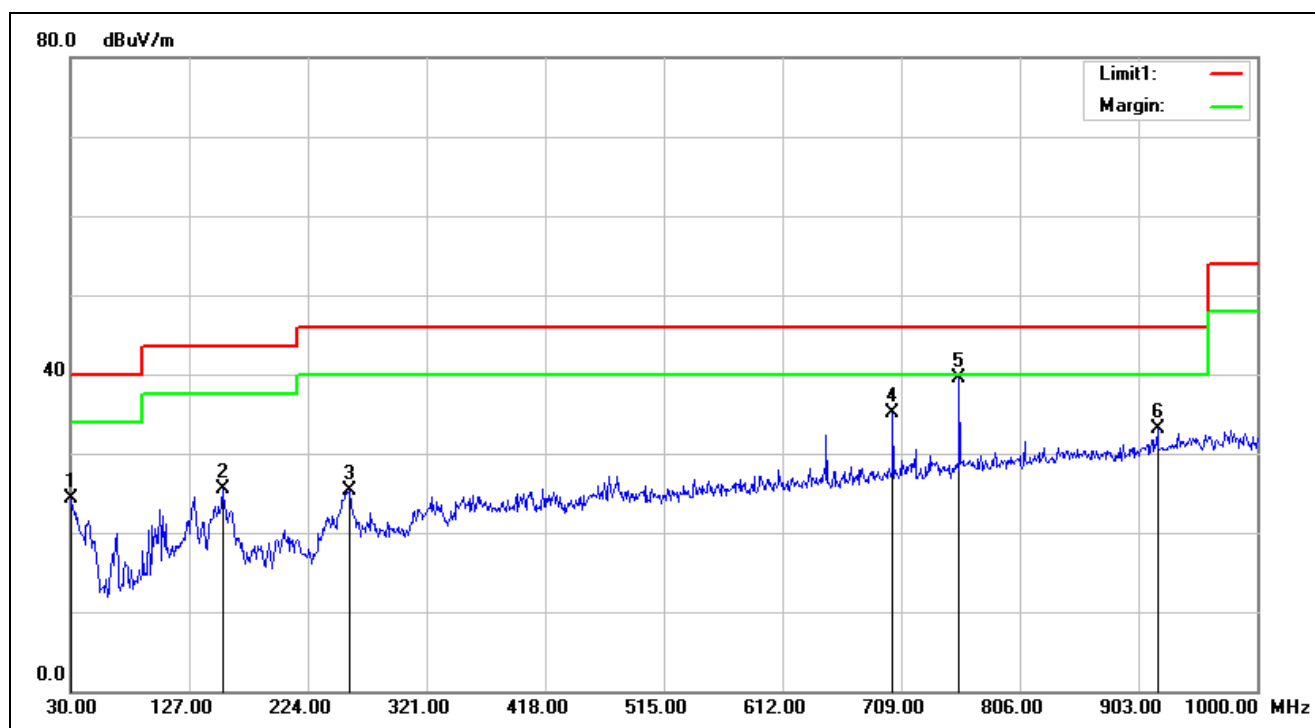
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 10:01:40
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

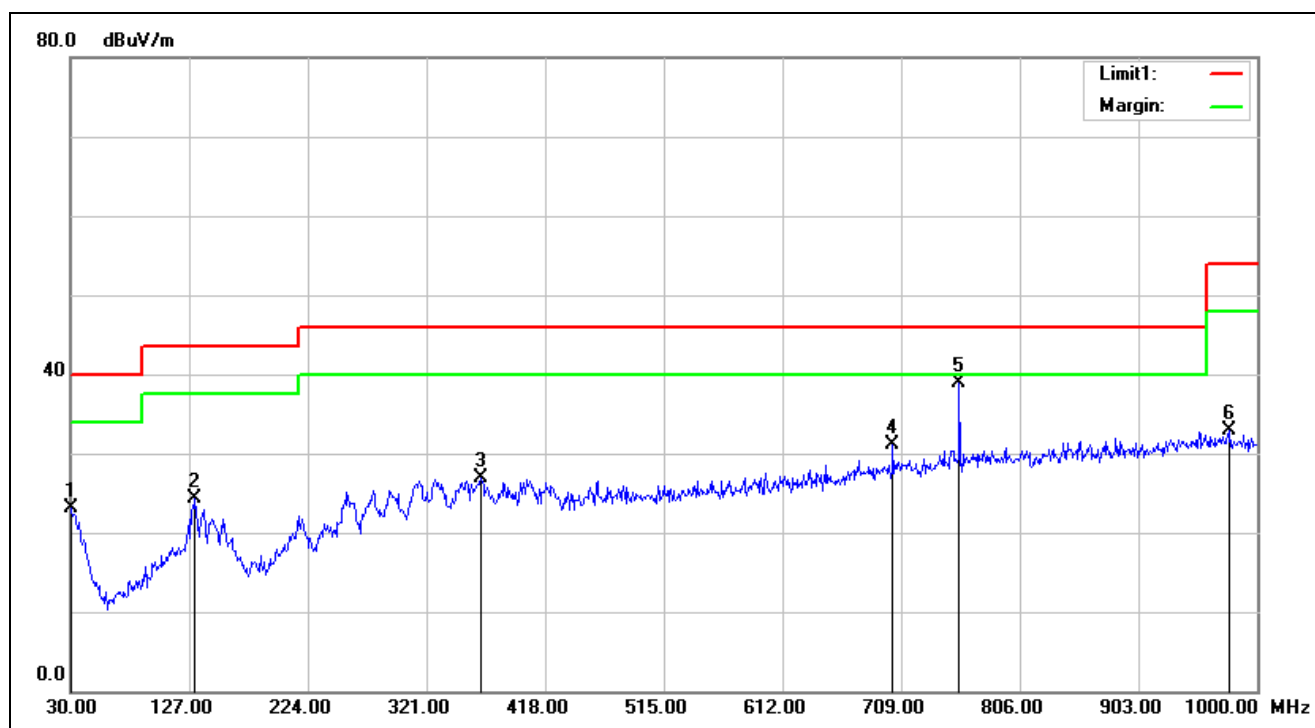
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	25.83	24.52	40.00	-15.48	QP	100	181	
2	130.8799	-8.05	32.16	24.11	43.50	-19.39	QP	100	251	
3	404.4200	-3.48	30.93	27.45	46.00	-18.55	QP	100	43	
4	702.2100	0.27	33.03	33.30	46.00	-12.70	QP	100	134	
5	756.5299	1.54	37.09	38.63	46.00	-7.37	QP	100	125	
6	938.8899	4.82	28.22	33.04	46.00	-12.96	QP	100	166	

Spurious Emissions, TX Mode, 30M-1G



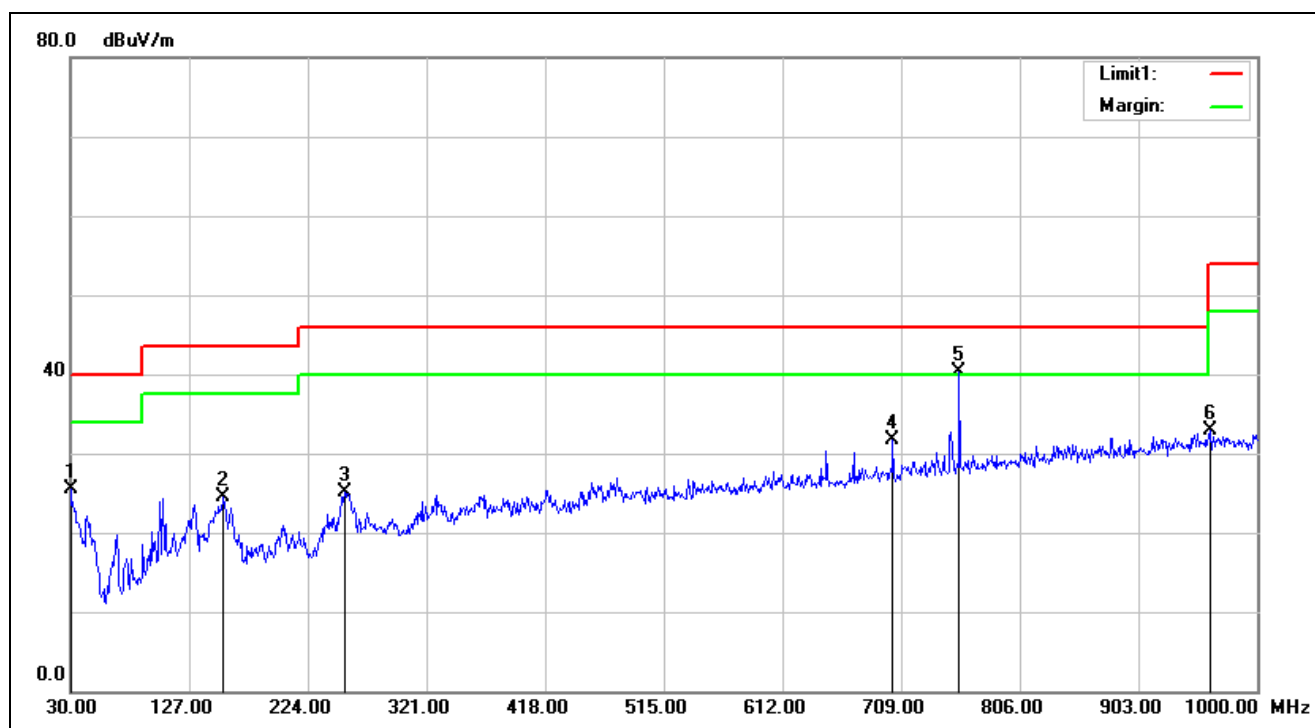
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 10:02:43
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	25.61	24.30	40.00	-15.70	QP	100	0	
2	154.1600	-8.67	34.10	25.43	43.50	-18.07	QP	100	59	
3	257.9500	-6.31	31.56	25.25	46.00	-20.75	QP	100	275	
4	702.2100	0.27	34.74	35.01	46.00	-10.99	QP	100	238	
5	756.5300	1.54	37.88	39.42	46.00	-6.58	QP	100	144	
6	918.5200	4.24	28.79	33.03	46.00	-12.97	QP	100	9	



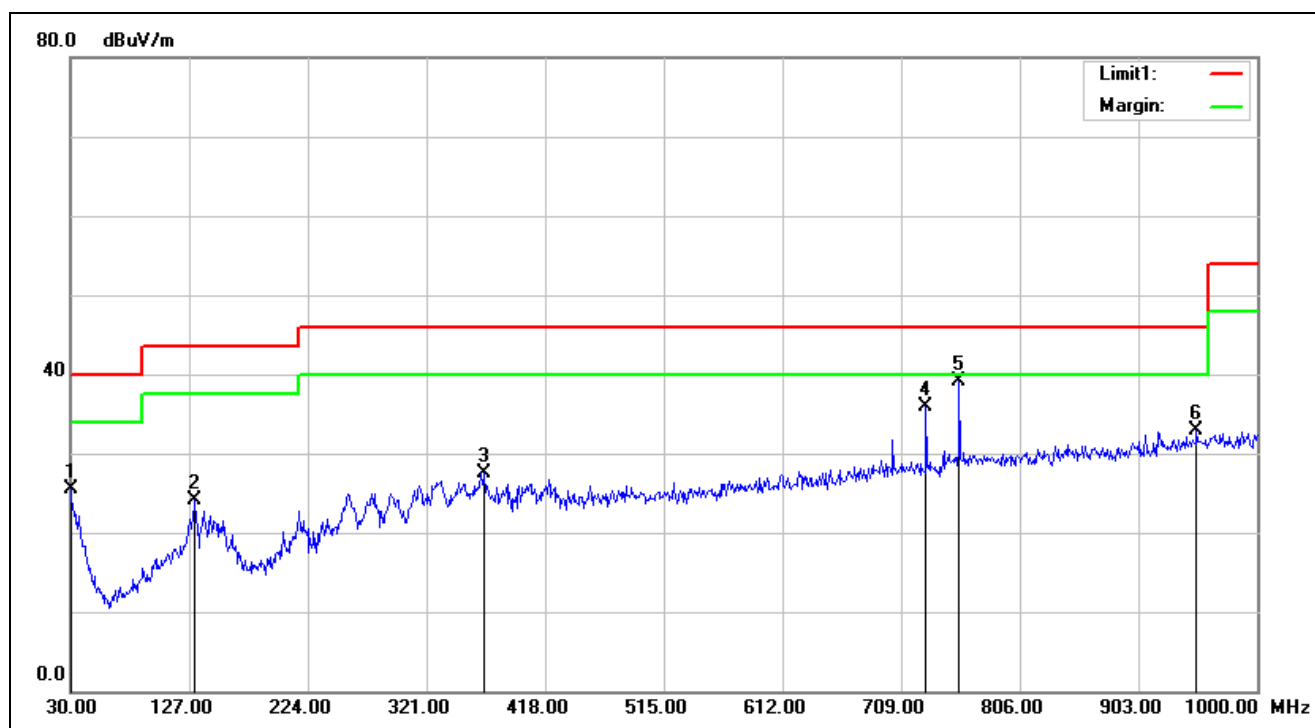
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 10:09:55
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	24.45	23.14	40.00	-16.86	QP	100	296	
2	131.8499	-8.06	32.37	24.31	43.50	-19.19	QP	100	251	
3	365.6200	-4.18	31.00	26.82	46.00	-19.18	QP	100	77	
4	702.2100	0.27	30.83	31.10	46.00	-14.90	QP	100	101	
5	756.5299	1.54	37.39	38.93	46.00	-7.07	QP	100	128	
6	977.6900	5.07	27.84	32.91	54.00	-21.09	QP	100	147	



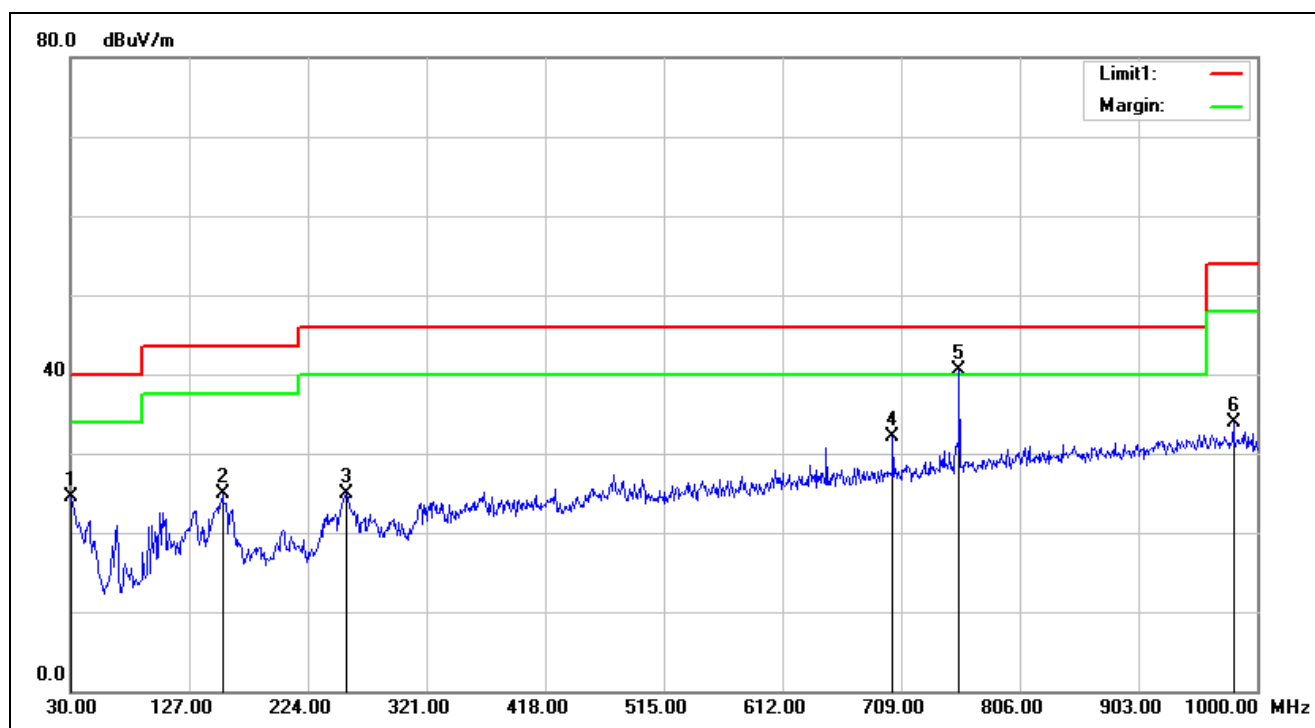
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 10:10:58
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	26.77	25.46	40.00	-14.54	QP	100	160	
2	155.1300	-8.74	33.34	24.60	43.50	-18.90	QP	100	91	
3	254.0700	-6.65	31.81	25.16	46.00	-20.84	QP	100	259	
4	702.2100	0.27	31.36	31.63	46.00	-14.37	QP	100	221	
5	756.5300	1.54	38.86	40.40	46.00	-5.60	QP	100	160	
6	962.1700	5.10	27.82	32.92	54.00	-21.08	QP	100	261	



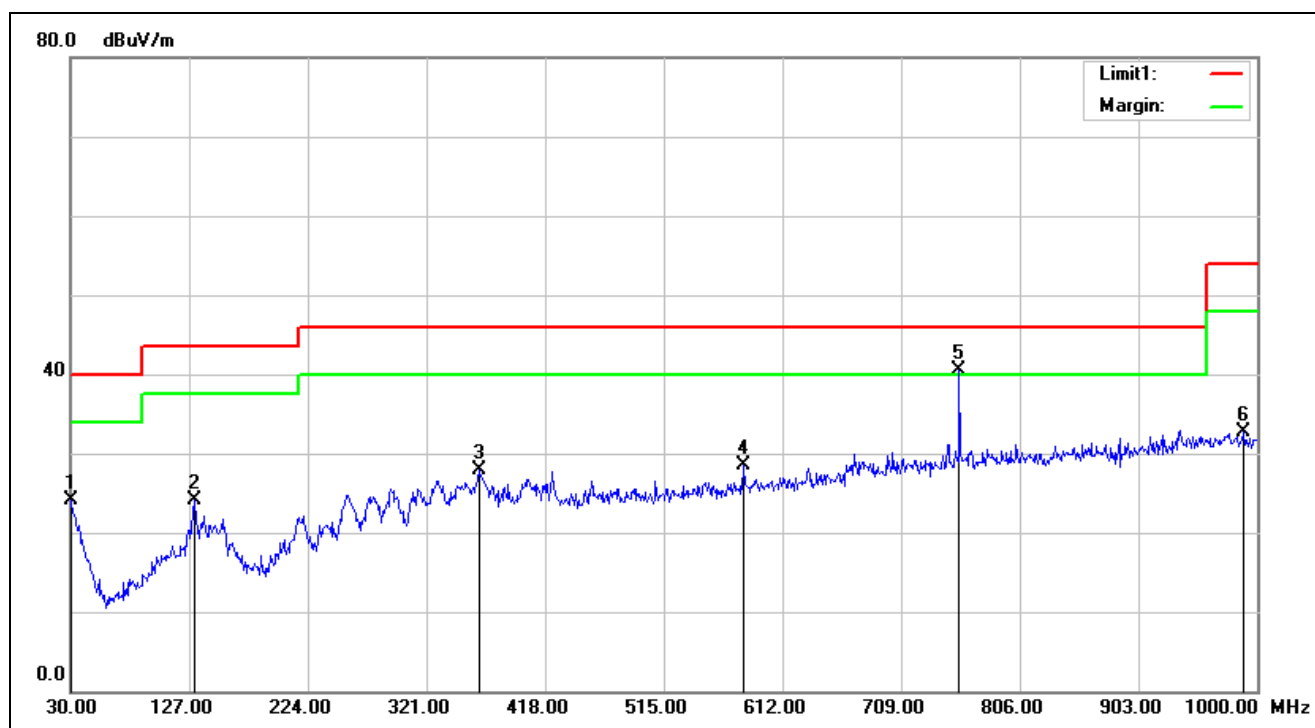
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 10:06:06
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	26.72	25.41	40.00	-14.59	QP	100	306	
2	131.8499	-8.06	32.12	24.06	43.50	-19.44	QP	100	240	
3	368.5299	-4.13	31.58	27.45	46.00	-18.55	QP	100	61	
4	729.3700	0.93	35.06	35.99	46.00	-10.01	QP	100	99	
5	756.5299	1.54	37.63	39.17	46.00	-6.83	QP	100	125	
6	950.5299	5.13	27.68	32.81	46.00	-13.19	QP	100	189	



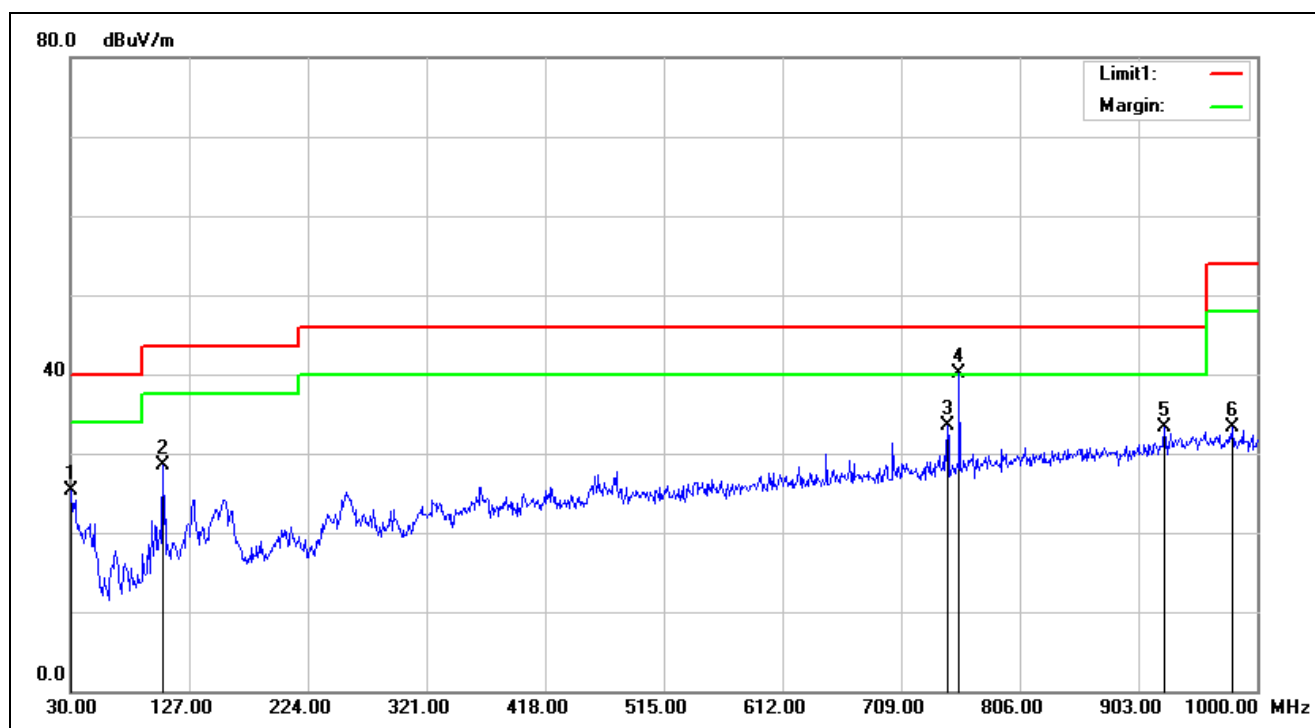
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 10:07:10
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	25.84	24.53	40.00	-15.47	QP	100	0	
2	154.1600	-8.67	33.67	25.00	43.50	-18.50	QP	100	1	
3	255.0400	-6.57	31.41	24.84	46.00	-21.16	QP	100	147	
4	702.2100	0.27	31.87	32.14	46.00	-13.86	QP	100	237	
5	756.5300	1.54	38.99	40.53	46.00	-5.47	QP	100	285	
6	980.6000	5.08	28.87	33.95	54.00	-20.05	QP	100	152	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 10:13:04
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	25.48	24.17	40.00	-15.83	QP	100	123	
2	130.8799	-8.05	32.12	24.07	43.50	-19.43	QP	100	264	
3	363.6800	-4.22	32.09	27.87	46.00	-18.13	QP	100	59	
4	579.9900	-1.12	29.71	28.59	46.00	-17.41	QP	100	96	
5	756.5299	1.54	38.95	40.49	46.00	-5.51	QP	100	115	
6	989.3300	5.05	27.63	32.68	54.00	-21.32	QP	100	64	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 10:14:07
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	26.65	25.34	40.00	-14.66	QP	100	27	
2	105.6600	-9.87	38.34	28.47	43.50	-15.03	QP	100	203	
3	746.8300	1.36	32.06	33.42	46.00	-12.58	QP	100	147	
4	756.5300	1.54	38.57	40.11	46.00	-5.89	QP	100	157	
5	924.3400	4.41	28.82	33.23	46.00	-12.77	QP	100	166	
6	979.6300	5.07	28.29	33.36	54.00	-20.64	QP	100	256	

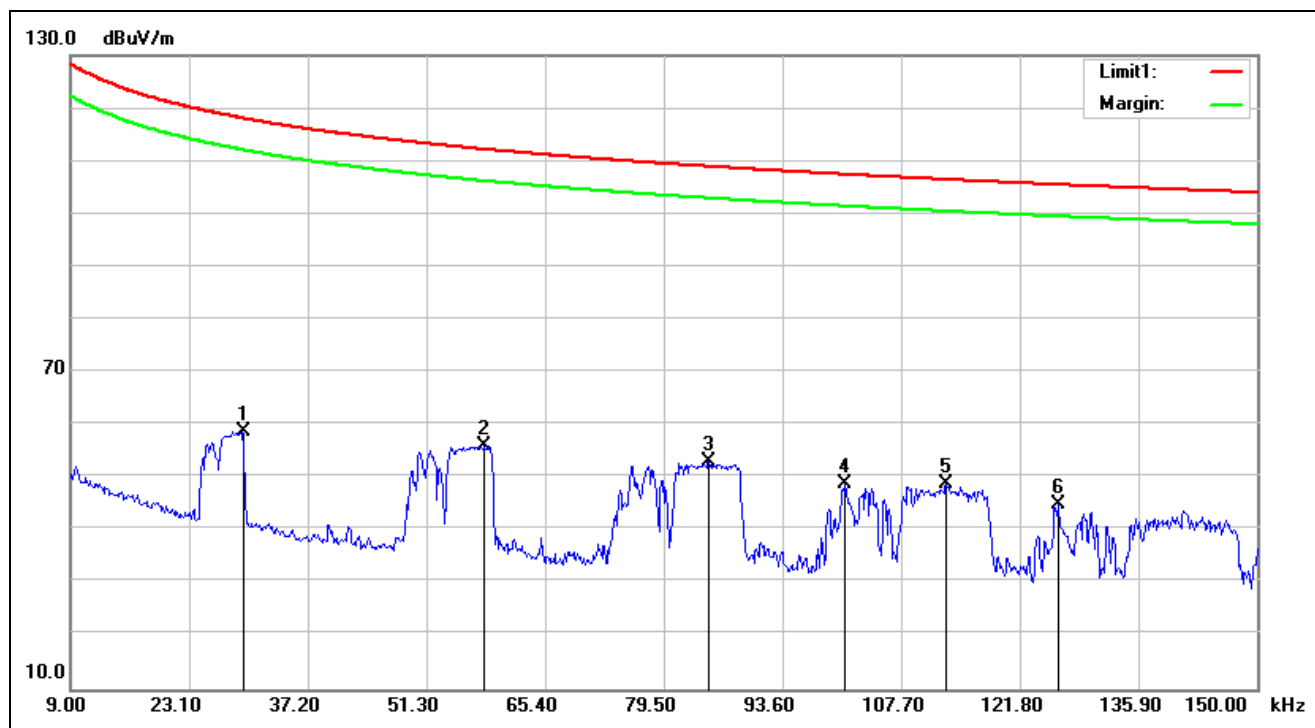
Spurious Emissions, TX Mode, 9k-30M



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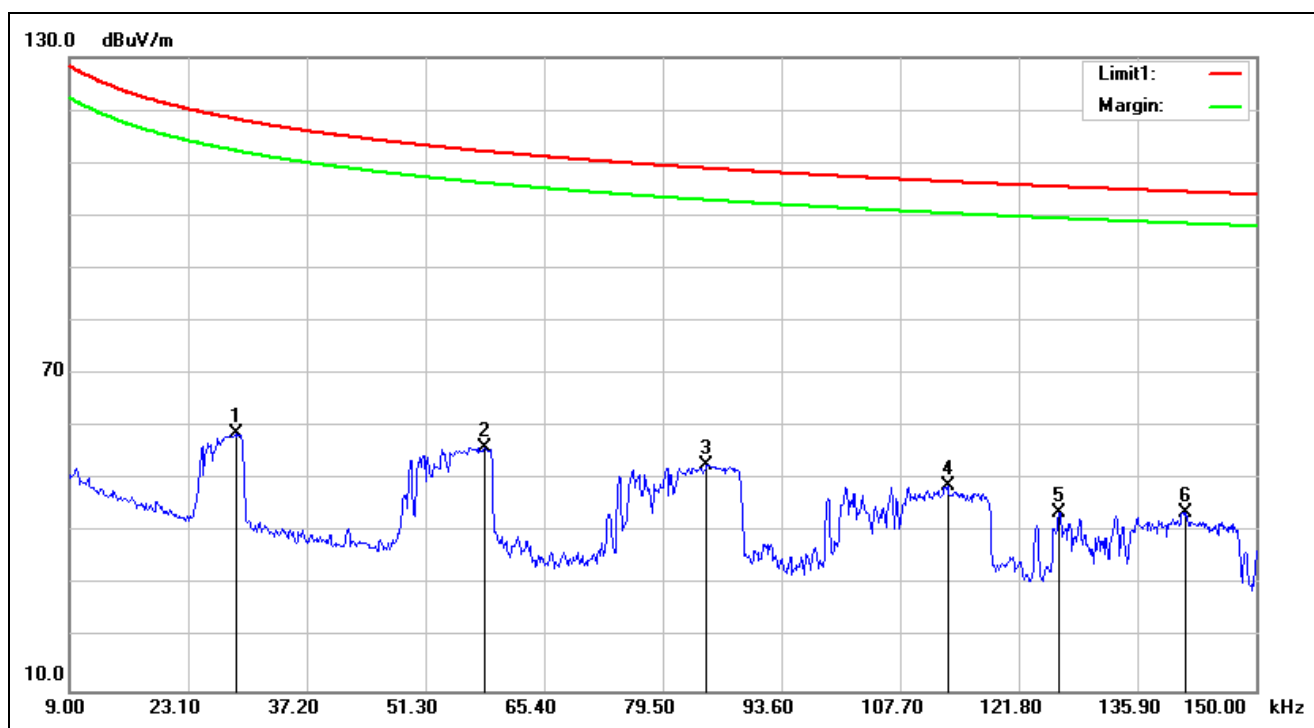
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:20:11
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

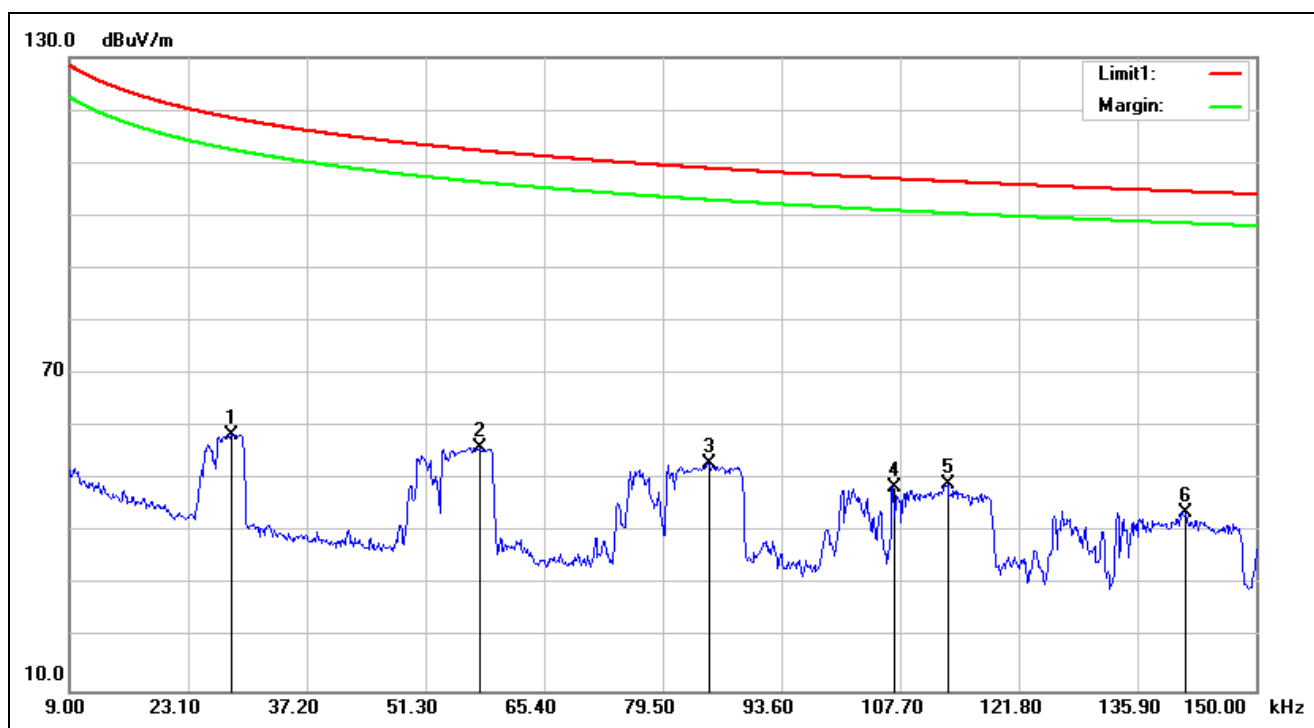
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0294	20.13	38.58	58.71	118.09	-59.38	QP	100	168	
2	0.0582	19.38	36.54	55.92	112.19	-56.27	QP	100	166	
3	0.0848	19.22	33.89	53.11	108.94	-55.83	QP	100	173	
4	0.1010	19.13	29.59	48.72	107.43	-58.71	QP	100	179	
5	0.1130	19.12	29.63	48.75	106.46	-57.71	QP	100	181	
6	0.1263	19.10	25.83	44.93	105.50	-60.57	QP	100	179	

Spurious Emissions, TX Mode, 30M-1G



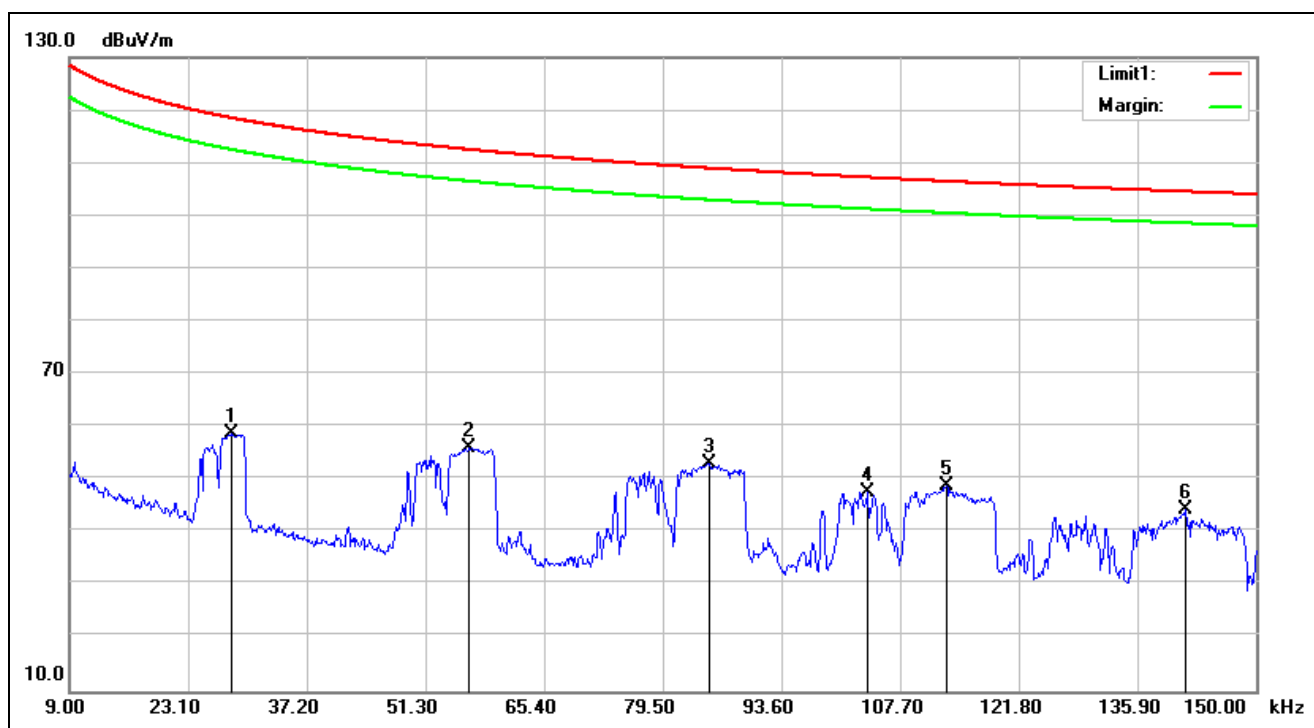
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:23:16
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0287	20.12	38.57	58.69	118.29	-59.60	QP	100	173	
2	0.0583	19.38	36.58	55.96	112.18	-56.22	QP	100	171	
3	0.0847	19.22	33.62	52.84	108.95	-56.11	QP	100	176	
4	0.1133	19.12	29.61	48.73	106.44	-57.71	QP	100	173	
5	0.1265	19.10	24.55	43.65	105.49	-61.84	QP	100	184	
6	0.1416	19.09	24.72	43.81	104.52	-60.71	QP	100	168	



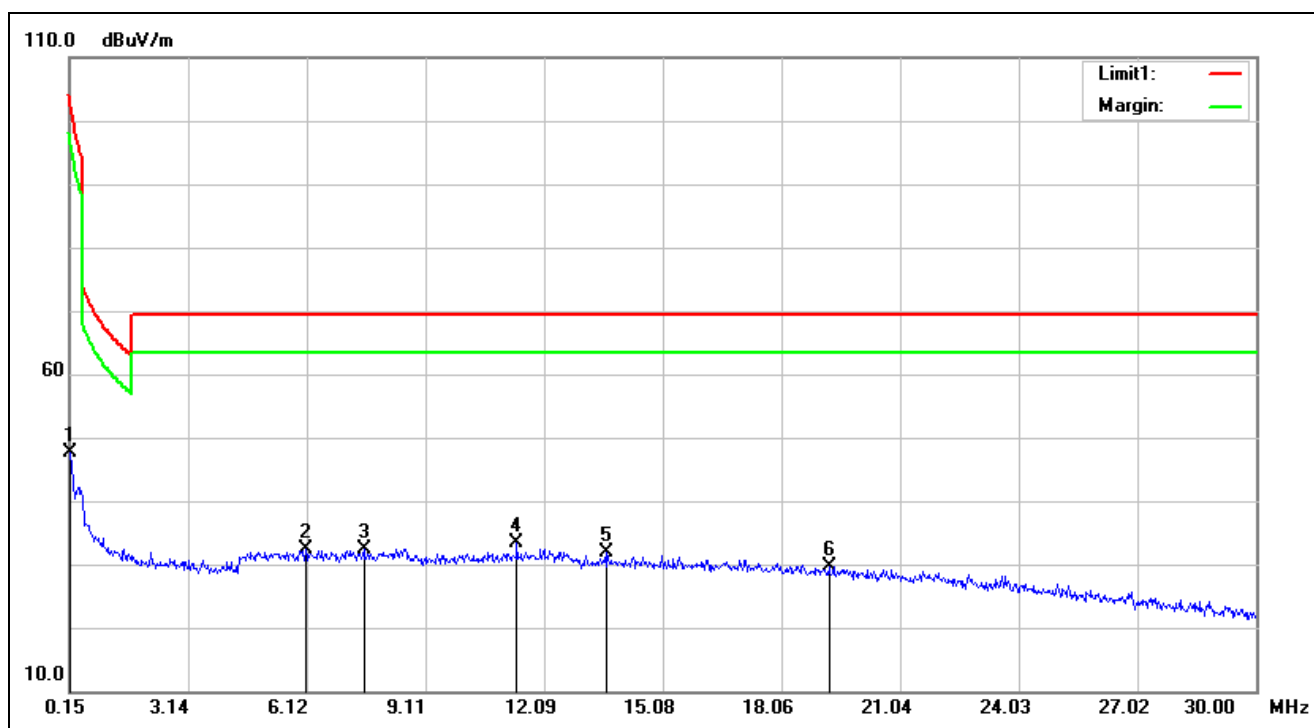
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:21:14
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0283	20.11	38.48	58.59	118.49	-59.90	QP	100	171	
2	0.0578	19.38	36.69	56.07	112.30	-56.23	QP	100	176	
3	0.0850	19.22	33.94	53.16	108.96	-55.80	QP	100	171	
4	0.1069	19.12	29.58	48.70	106.98	-58.28	QP	100	174	
5	0.1133	19.12	29.93	49.05	106.48	-57.43	QP	100	171	
6	0.1417	19.09	24.75	43.84	104.54	-60.70	QP	100	171	



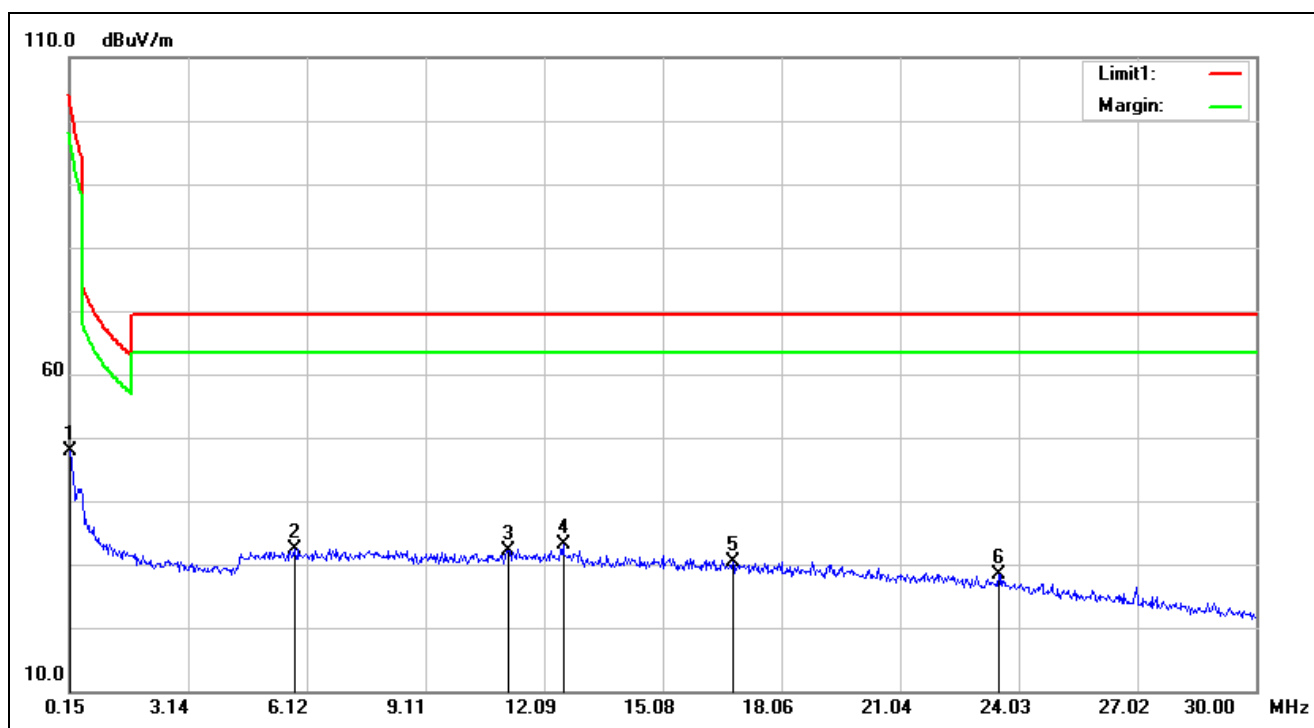
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Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:24:20
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0282	20.11	38.58	58.69	118.52	-59.83	QP	100	171	
2	0.0565	19.39	36.71	56.10	112.50	-56.40	QP	100	174	
3	0.0849	19.22	33.81	53.03	108.97	-55.94	QP	100	174	
4	0.1038	19.13	28.67	47.80	107.23	-59.43	QP	100	184	
5	0.1132	19.12	29.71	48.83	106.48	-57.65	QP	100	174	
6	0.1415	19.09	25.26	44.35	104.55	-60.20	QP	100	176	



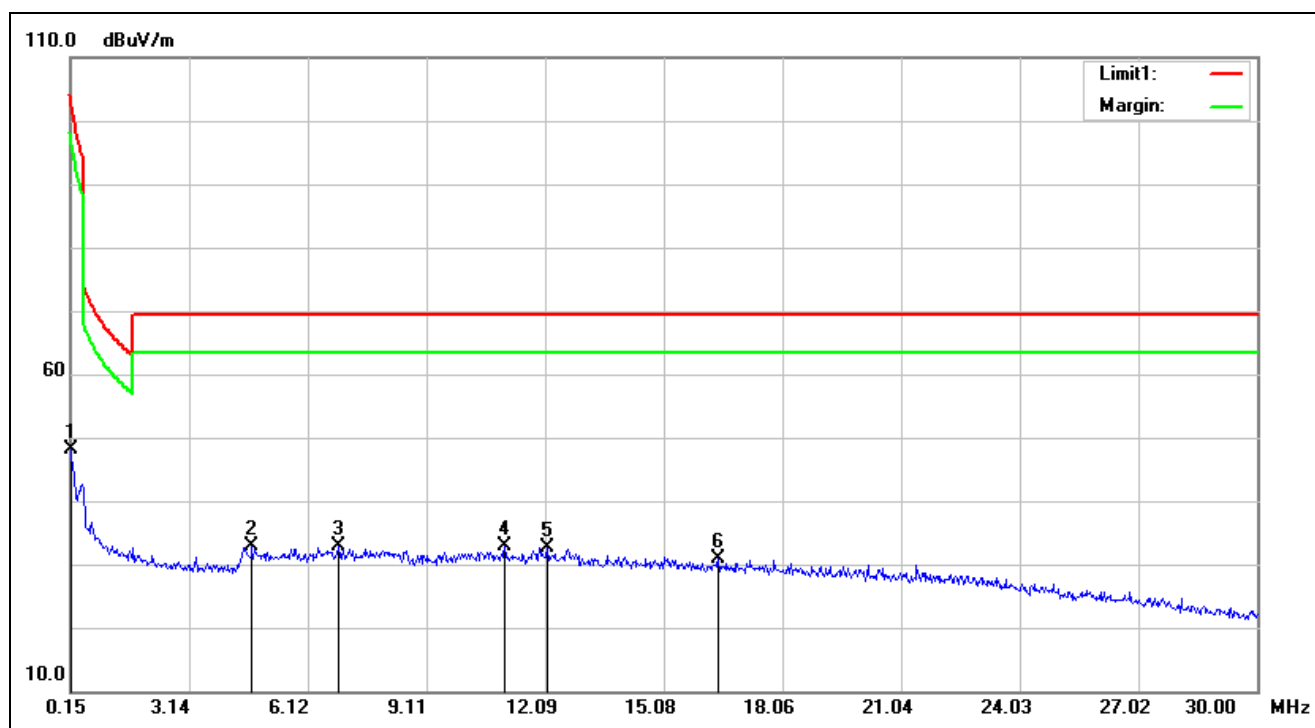
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:26:56
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1499	19.08	28.53	47.61	104.02	-56.41	QP	100	197	
2	6.0901	19.86	12.43	32.29	69.50	-37.21	QP	100	147	
3	7.5528	19.99	12.45	32.44	69.50	-37.06	QP	100	122	
4	11.4034	20.47	12.87	33.34	69.50	-36.16	QP	100	304	
5	13.6720	20.86	11.11	31.97	69.50	-37.53	QP	100	253	
6	19.2540	21.85	7.88	29.73	69.50	-39.77	QP	100	298	



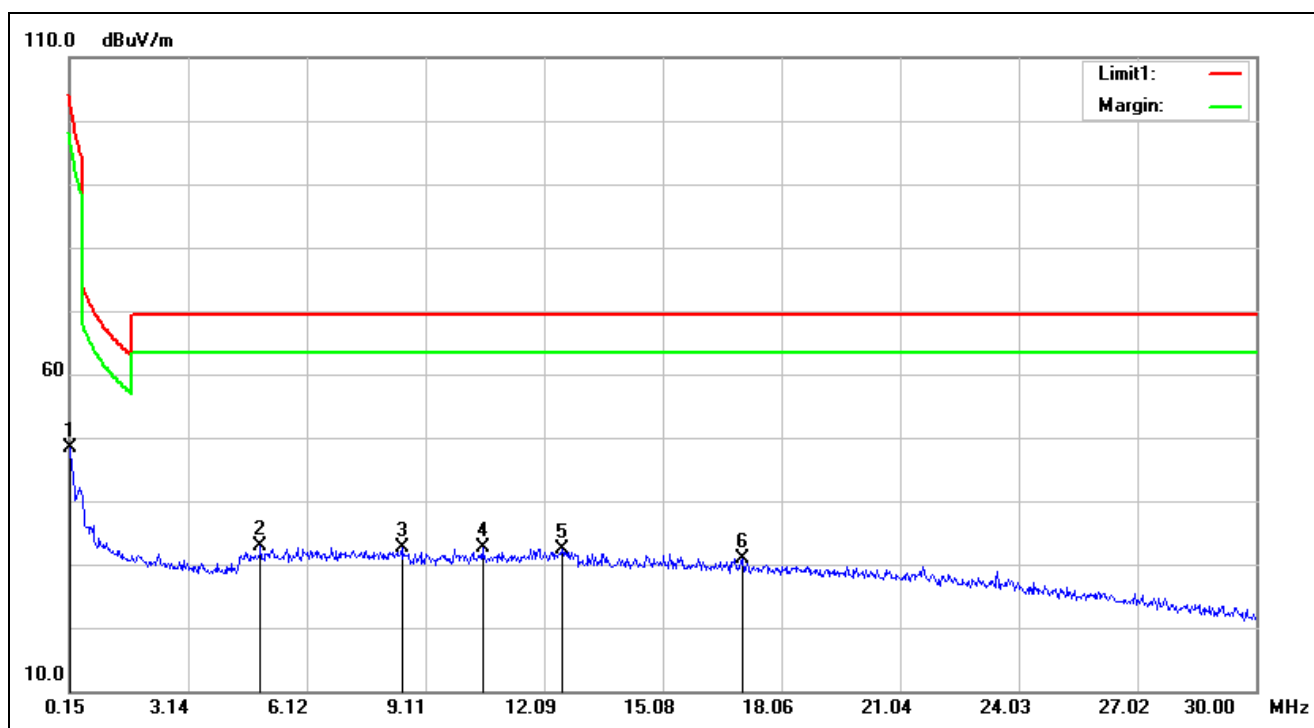
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:29:44
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1499	19.08	28.73	47.81	104.02	-56.21	QP	100	173	
2	5.8215	19.84	12.62	32.46	69.50	-37.04	QP	100	285	
3	11.1944	20.43	11.75	32.18	69.50	-37.32	QP	100	269	
4	12.5676	20.68	12.51	33.19	69.50	-36.31	QP	100	75	
5	16.8361	21.42	9.00	30.42	69.50	-39.08	QP	100	171	
6	23.5224	22.22	6.24	28.46	69.50	-41.04	QP	100	150	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:28:00
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	29.14	48.22	104.05	-55.83	QP	100	193	
2	4.7171	19.58	13.40	32.98	69.50	-36.52	QP	100	30	
3	6.8961	19.93	12.89	32.82	69.50	-36.68	QP	100	1	
4	11.0751	20.41	12.42	32.83	69.50	-36.67	QP	100	80	
5	12.1497	20.60	12.07	32.67	69.50	-36.83	QP	100	40	
6	16.4481	21.36	9.46	30.82	69.50	-38.68	QP	100	349	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 10:30:48
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	29.40	48.48	104.05	-55.57	QP	100	189	
2	4.9558	19.73	13.10	32.83	69.50	-36.67	QP	100	38	
3	8.5080	20.08	12.52	32.60	69.50	-36.90	QP	100	131	
4	10.5378	20.31	12.24	32.55	69.50	-36.95	QP	100	35	
5	12.5378	20.67	11.61	32.28	69.50	-37.22	QP	100	38	
6	17.0750	21.47	9.43	30.90	69.50	-38.60	QP	100	211	

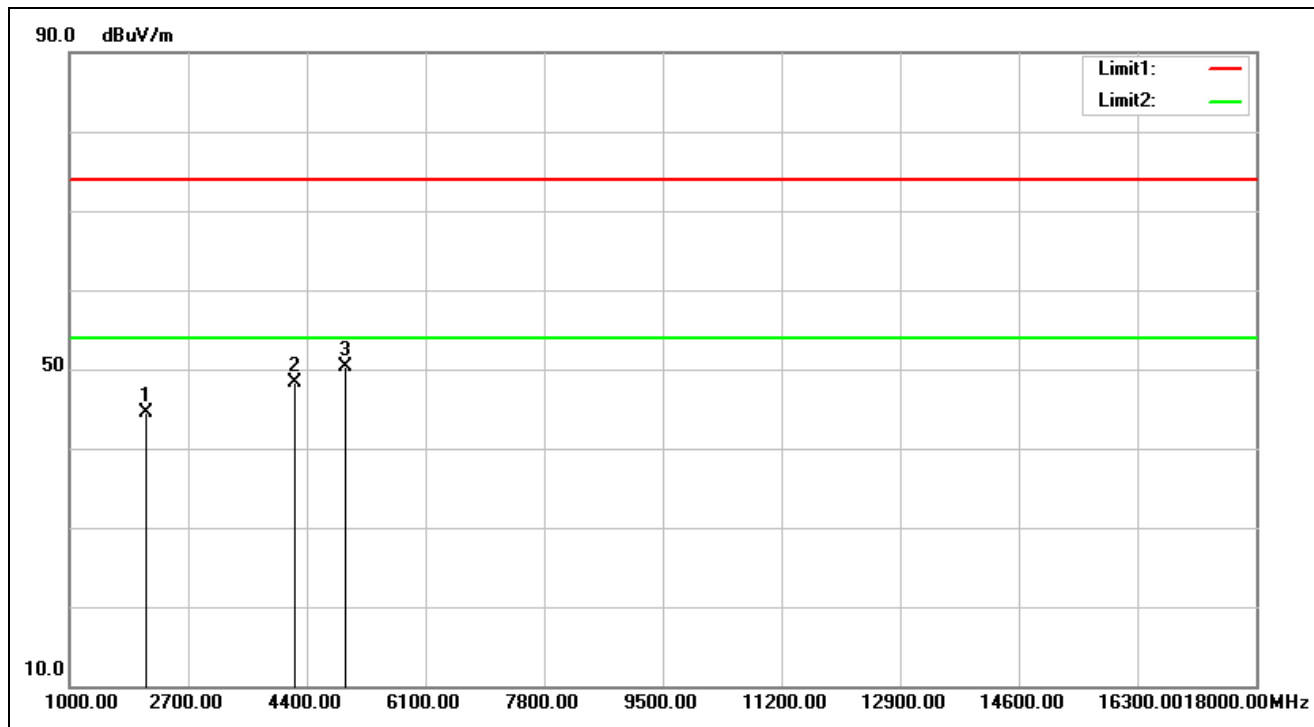
Spurious Emissions, RX Mode, 1-18G



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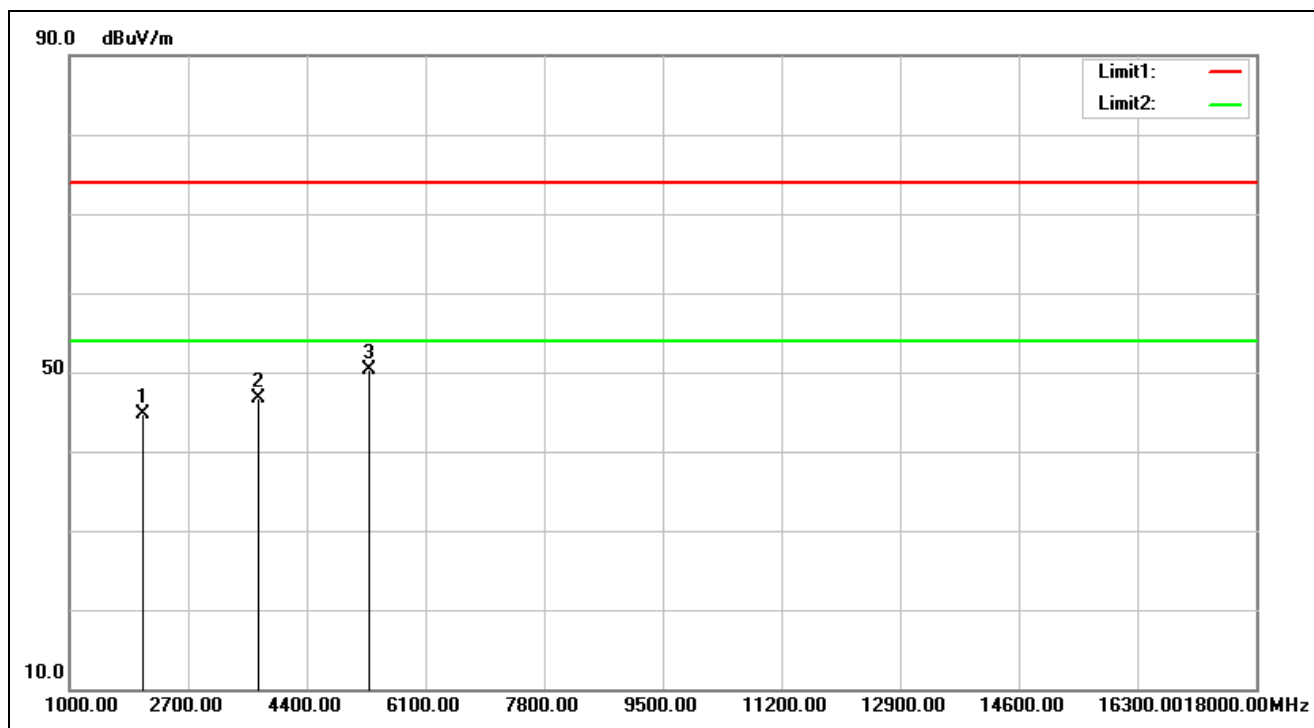
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Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:23:40
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

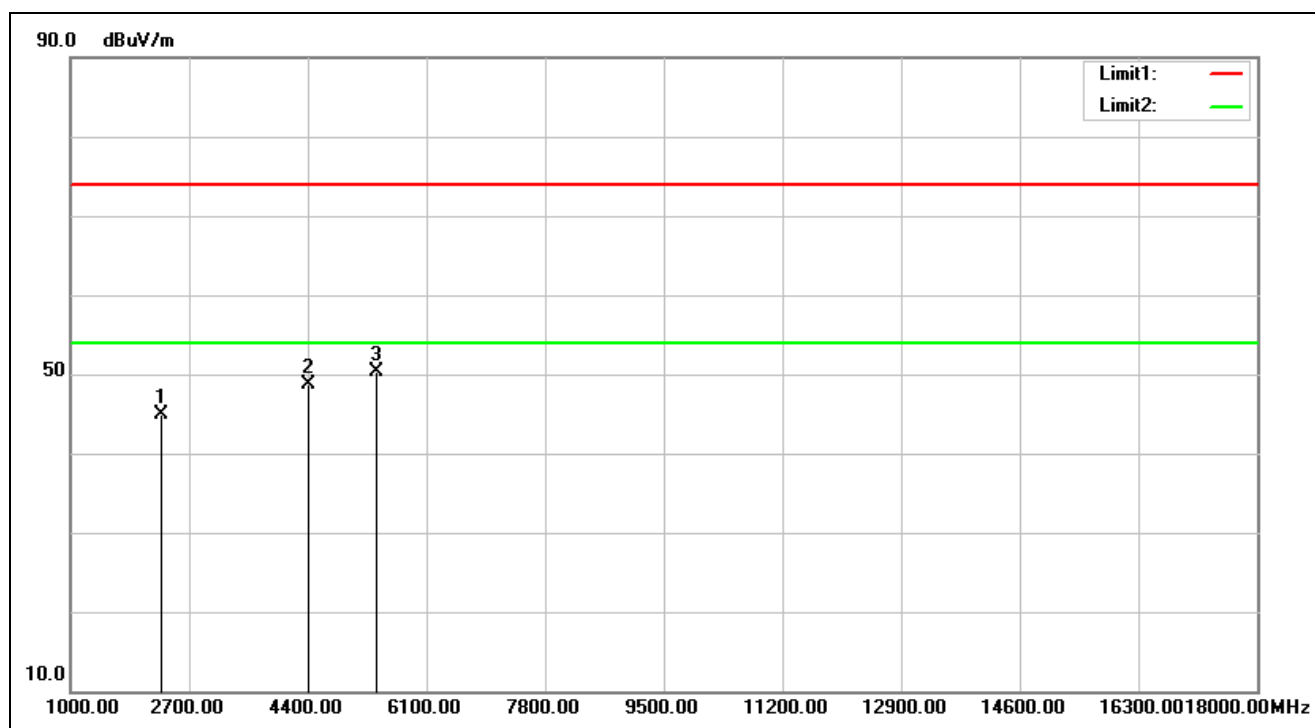
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2105.000	-5.99	50.42	44.43	74.00	-29.57	peak	100	124	
2	4230.000	-2.07	50.31	48.24	74.00	-25.76	peak	100	72	
3	4961.000	-0.09	50.32	50.23	74.00	-23.77	peak	100	60	

Spurious Emissions, RX Mode, 18-26G



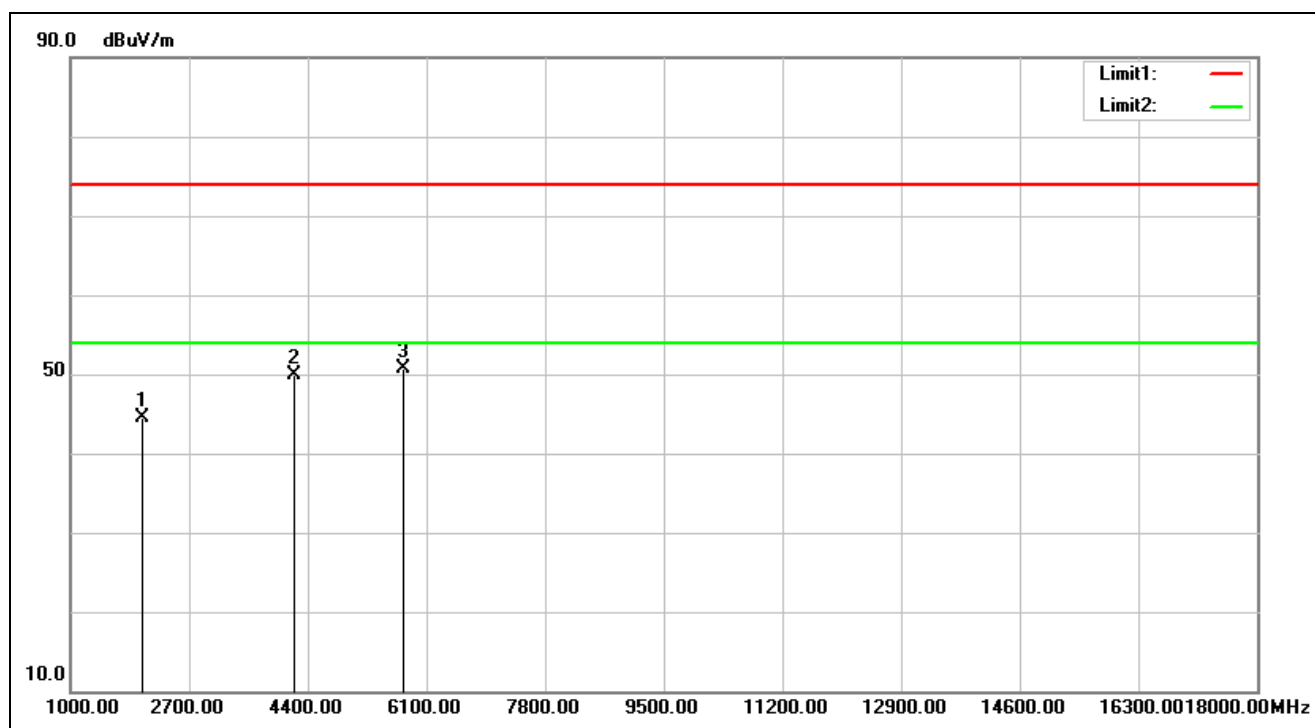
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:24:43
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2054.000	-6.00	50.70	44.70	74.00	-29.30	peak	100	26	
2	3703.000	-3.71	50.51	46.80	74.00	-27.20	peak	100	336	
3	5301.000	1.48	48.91	50.39	74.00	-23.61	peak	100	214	



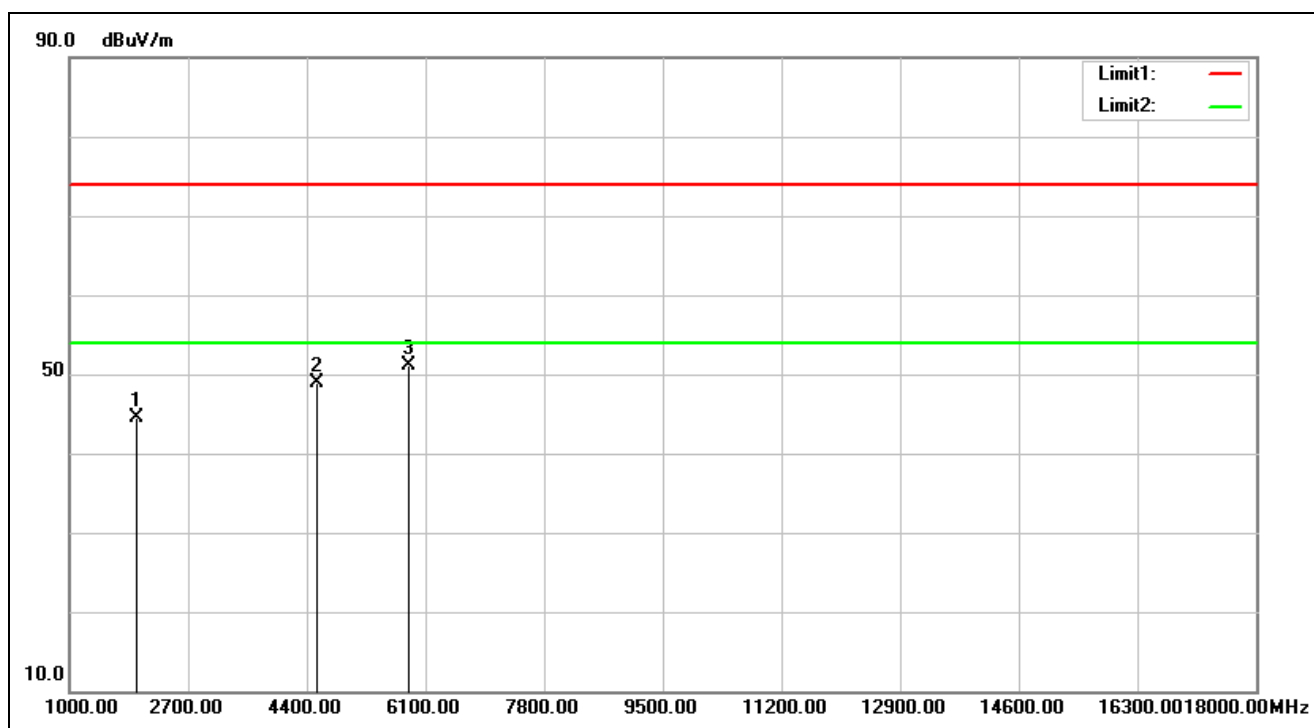
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:30:23
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2292.000	-5.91	50.79	44.88	74.00	-29.12	peak	100	238	
2	4417.000	-1.29	49.93	48.64	74.00	-25.36	peak	100	52	
3	5386.000	1.90	48.36	50.26	74.00	-23.74	peak	100	252	



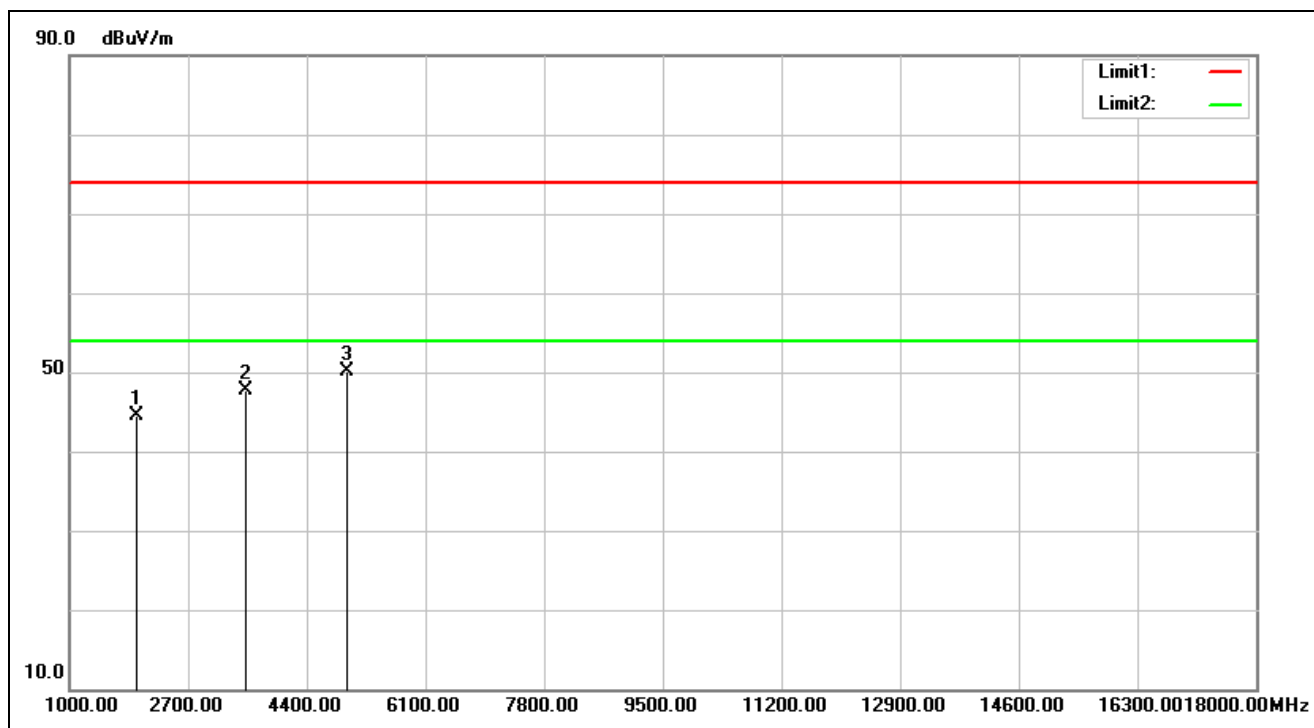
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:31:26
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2037.000	-6.00	50.52	44.52	74.00	-29.48	peak	100	336	
2	4196.000	-2.22	52.04	49.82	74.00	-24.18	peak	100	97	
3	5760.000	4.24	46.45	50.69	74.00	-23.31	peak	100	178	



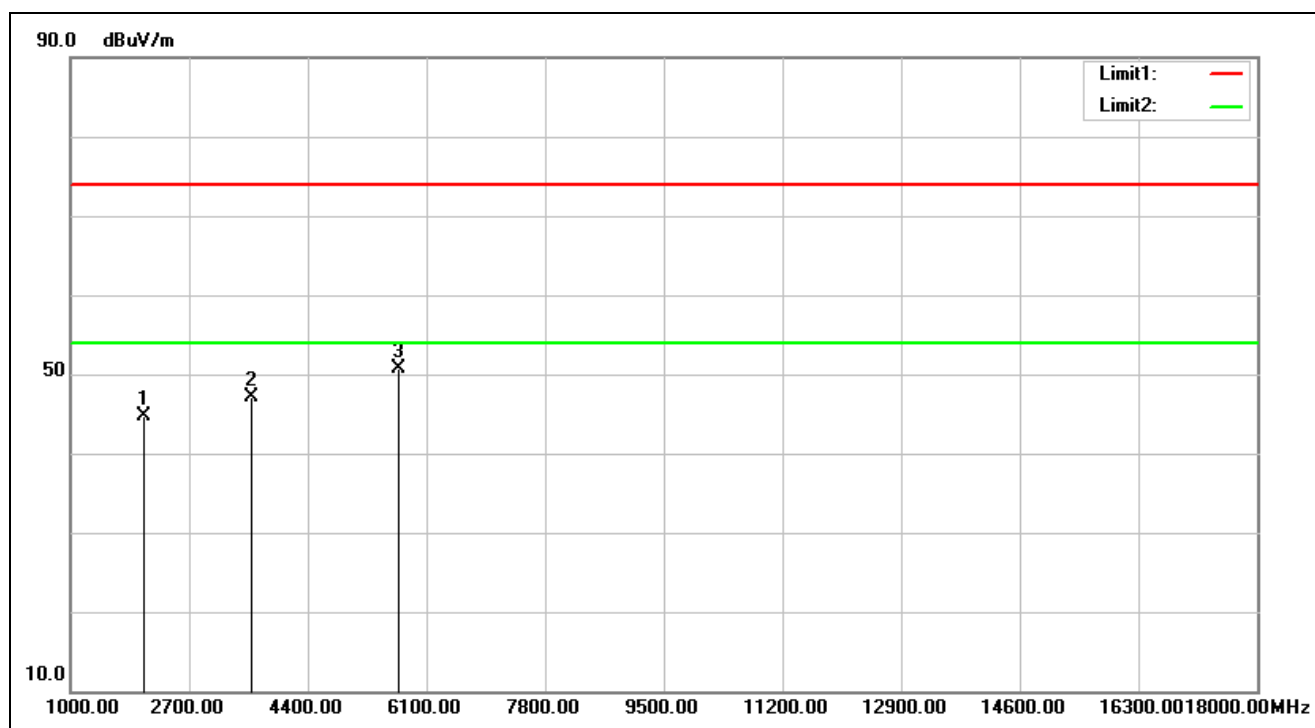
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:26:56
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1952.000	-6.37	50.97	44.60	74.00	-29.40	peak	100	193	
2	4553.000	-0.84	49.81	48.97	74.00	-25.03	peak	100	183	
3	5862.000	4.94	46.25	51.19	74.00	-22.81	peak	100	89	



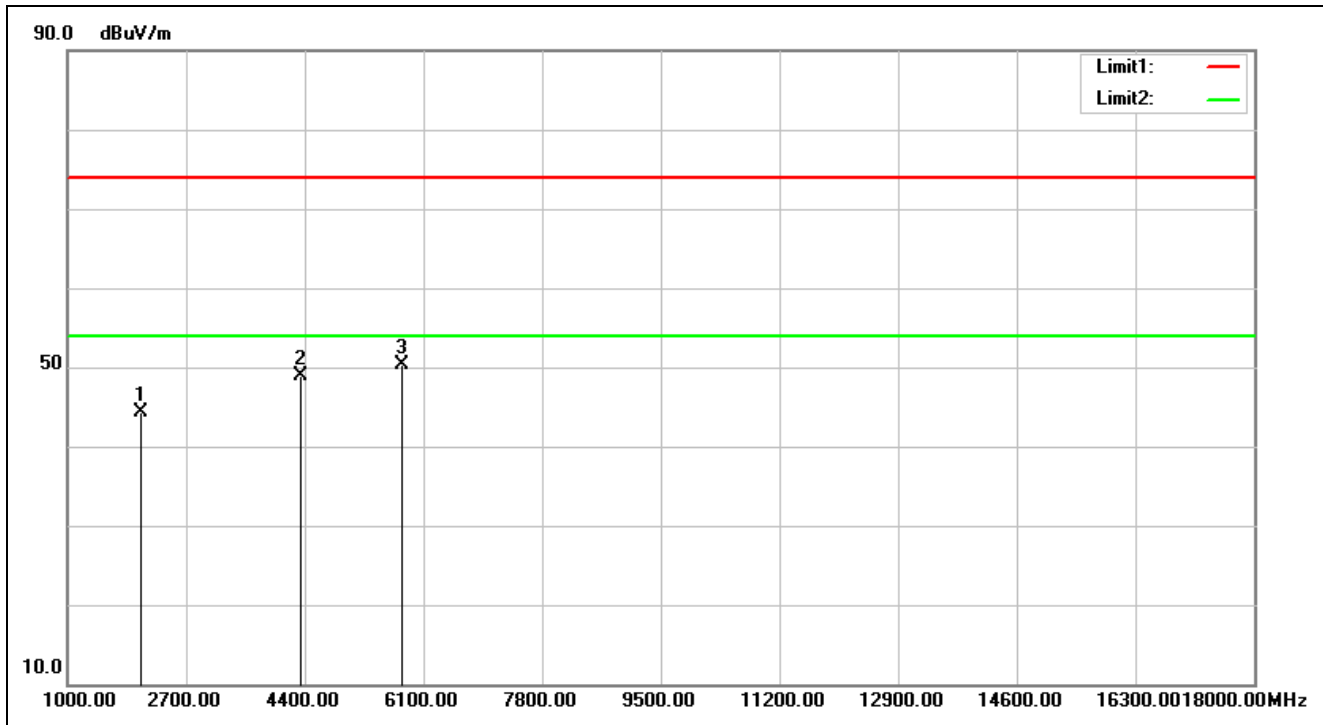
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:27:59
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1969.000	-6.26	50.71	44.45	74.00	-29.55	peak	100	291	
2	3533.000	-4.10	51.90	47.80	74.00	-26.20	peak	100	225	
3	4978.000	-0.05	50.06	50.01	74.00	-23.99	peak	100	170	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 11:32:54
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2054.000	-6.00	50.62	44.62	74.00	-29.38	peak	100	30	
2	3601.000	-3.95	51.14	47.19	74.00	-26.81	peak	100	326	
3	5692.000	3.79	46.95	50.74	74.00	-23.26	peak	100	260	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 11:33:56
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2054.000	-6.00	50.39	44.39	74.00	-29.61	peak	100	42	
2	4349.000	-1.57	50.53	48.96	74.00	-25.04	peak	100	92	
3	5794.000	4.47	45.78	50.25	74.00	-23.75	peak	100	4	

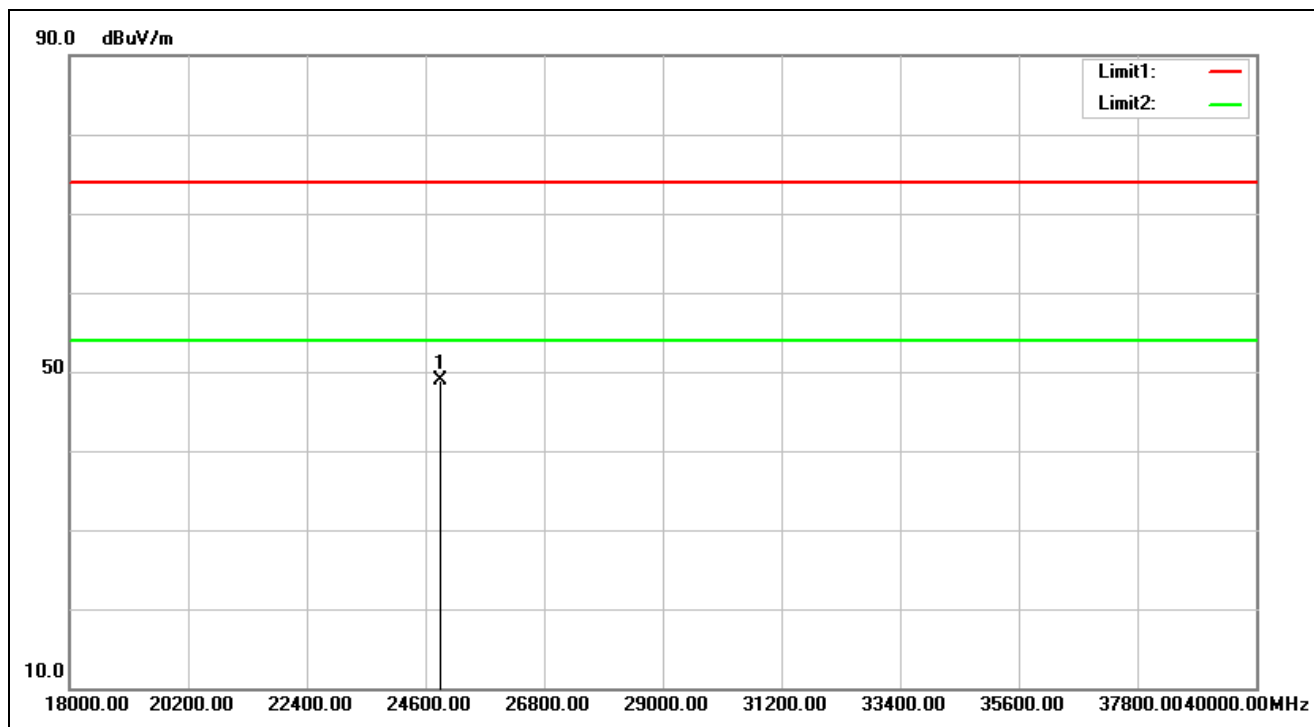
Spurious Emissions, RX Mode, 18-26G



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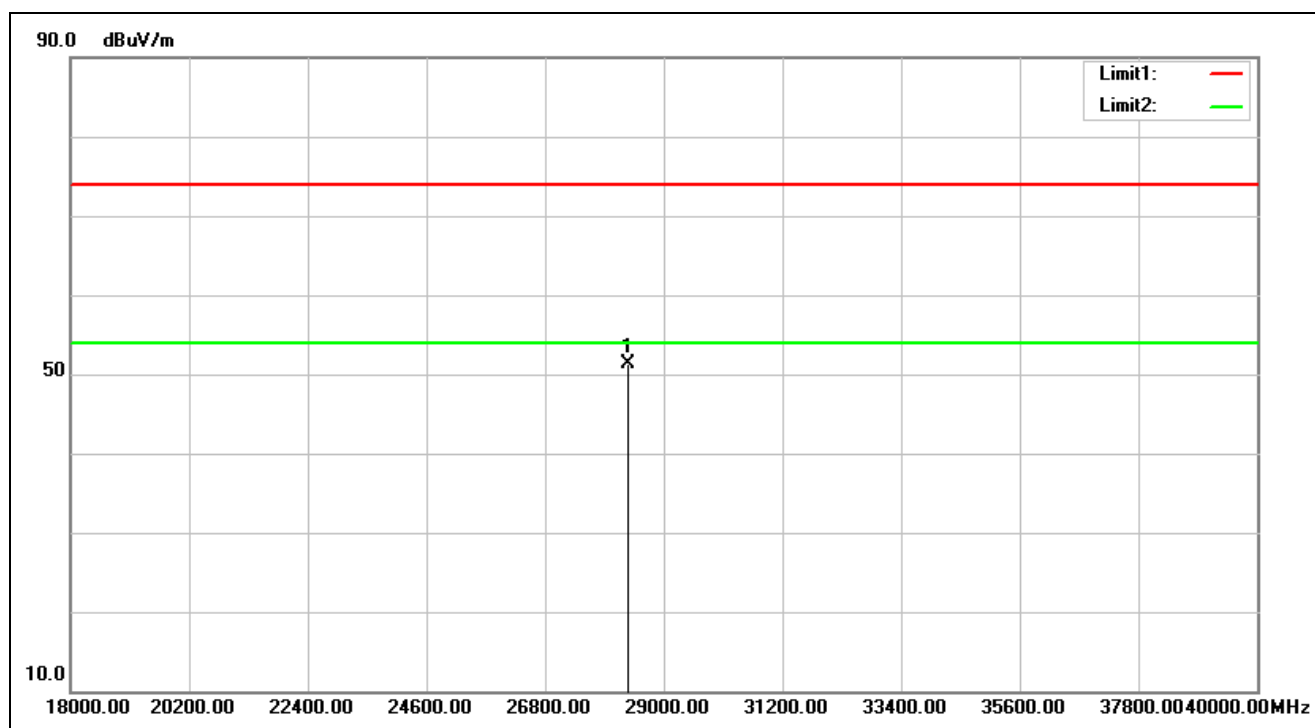
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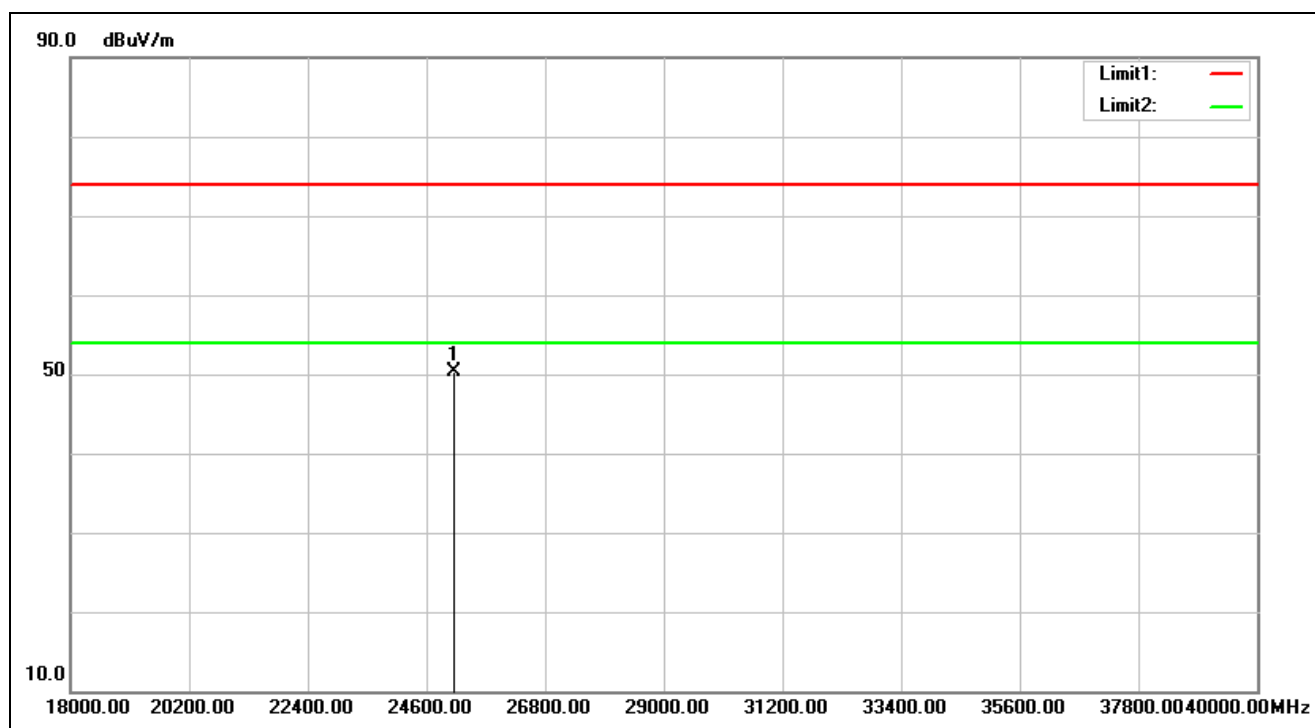
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:07:04
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24864.000	33.12	15.87	48.99	74.00	-25.01	peak			



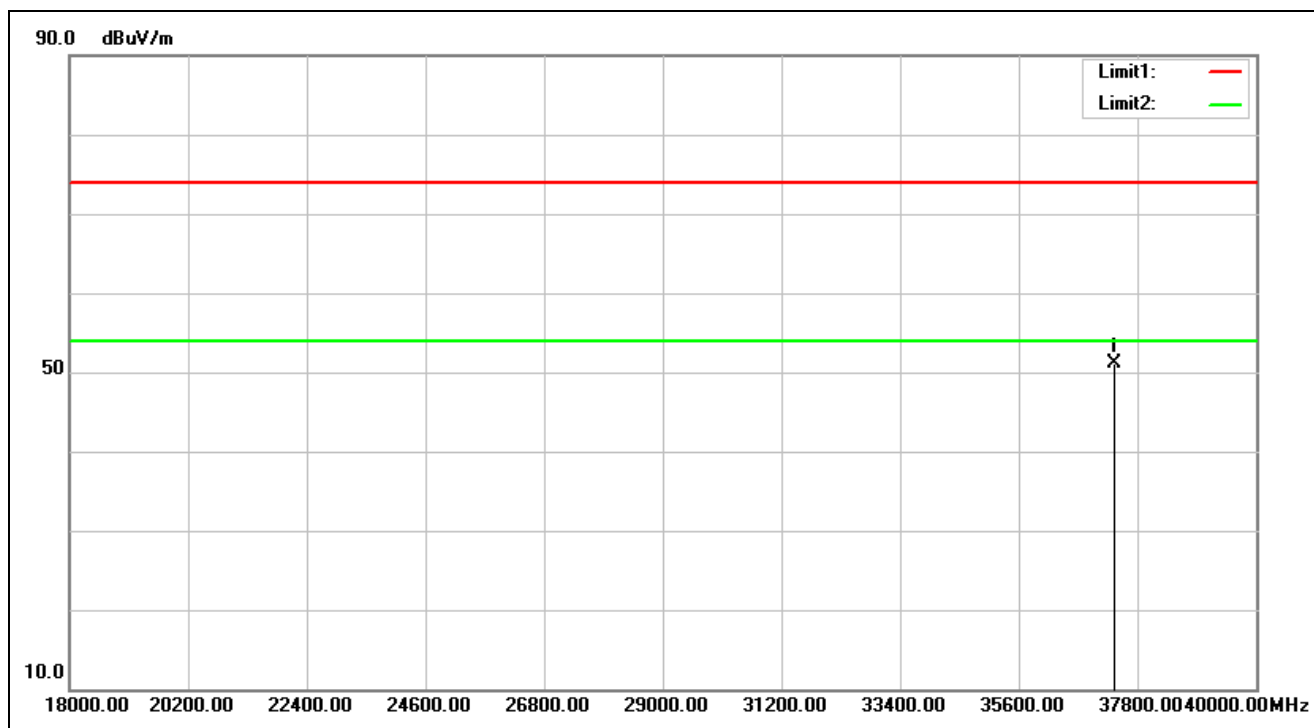
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:07:15
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	28340.000	36.30	14.99	51.29	74.00	-22.71	peak			



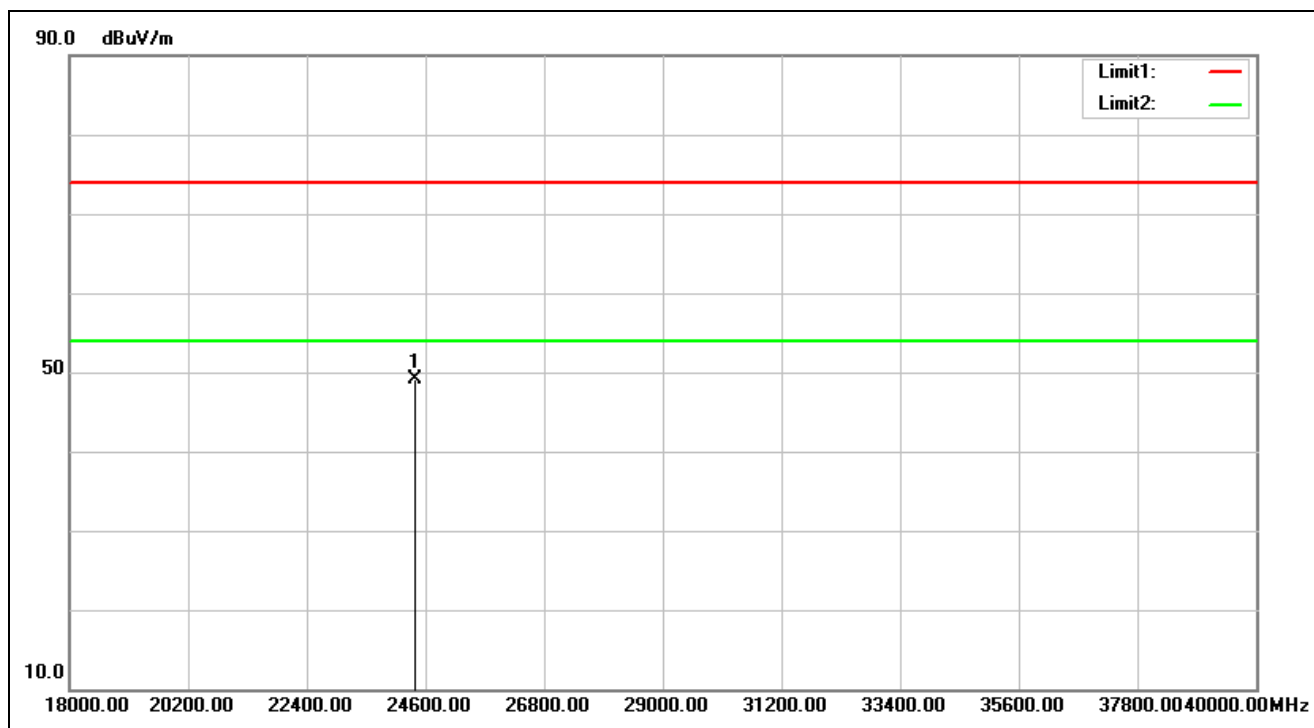
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:07:57
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25106.000	33.61	16.73	50.34	74.00	-23.66	peak			



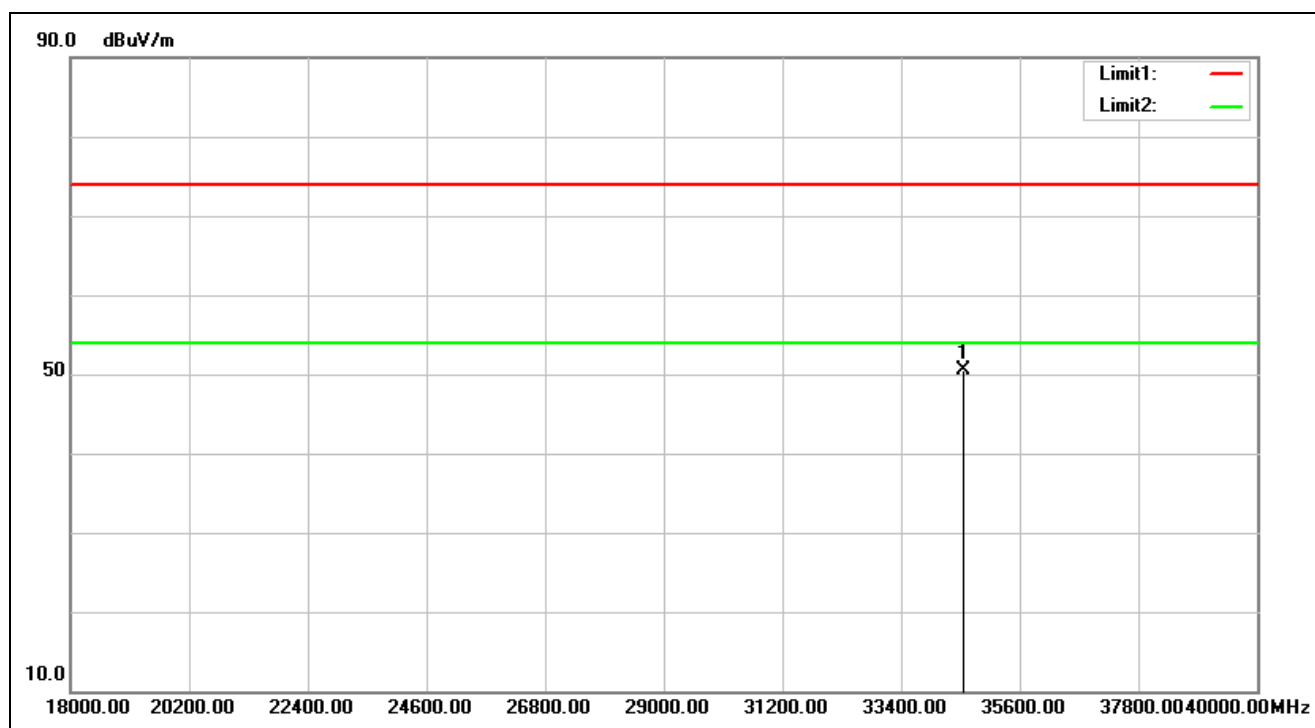
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:08:05
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	37360.000	40.09	11.09	51.18	74.00	-22.82	peak			



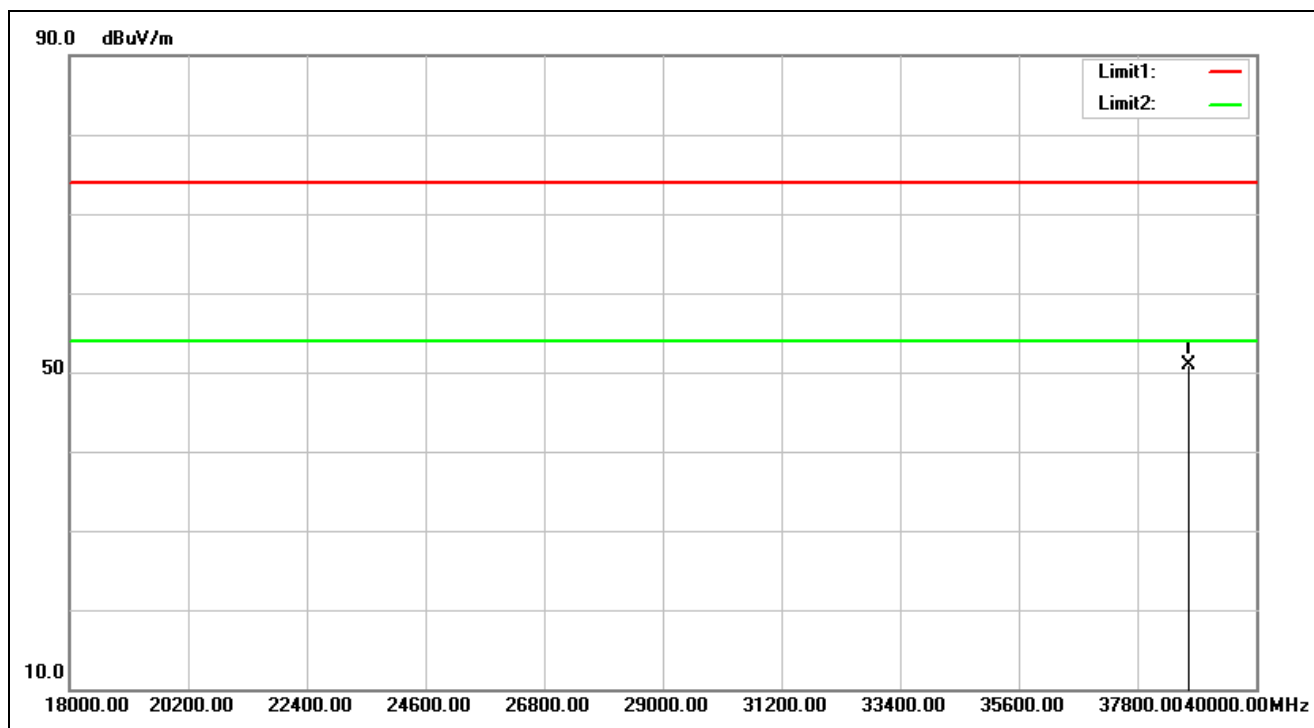
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:07:31
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24402.000	32.38	16.64	49.02	74.00	-24.98	peak			



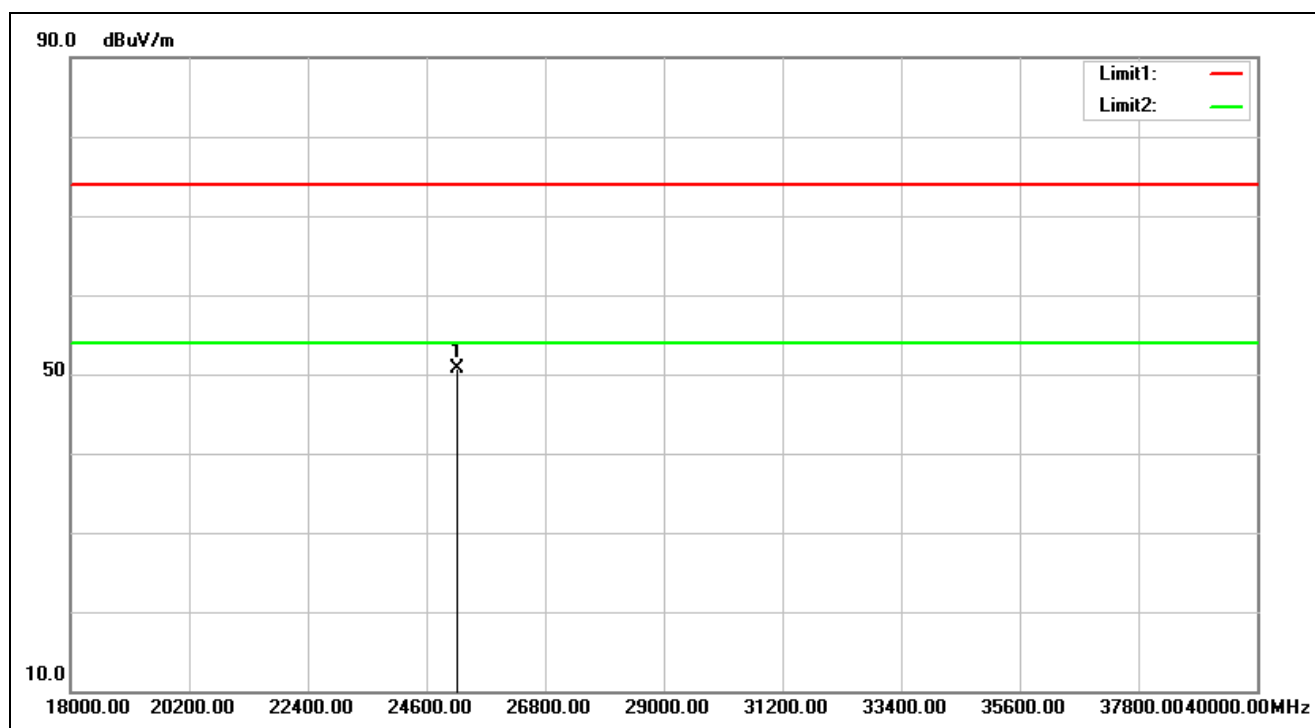
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:07:39
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	34544.000	39.51	11.02	50.53	74.00	-23.47	peak			



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:08:16
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	38746.000	39.27	11.73	51.00	74.00	-23.00	peak			



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:08:54
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25172.000	33.78	16.95	50.73	74.00	-23.27	peak			

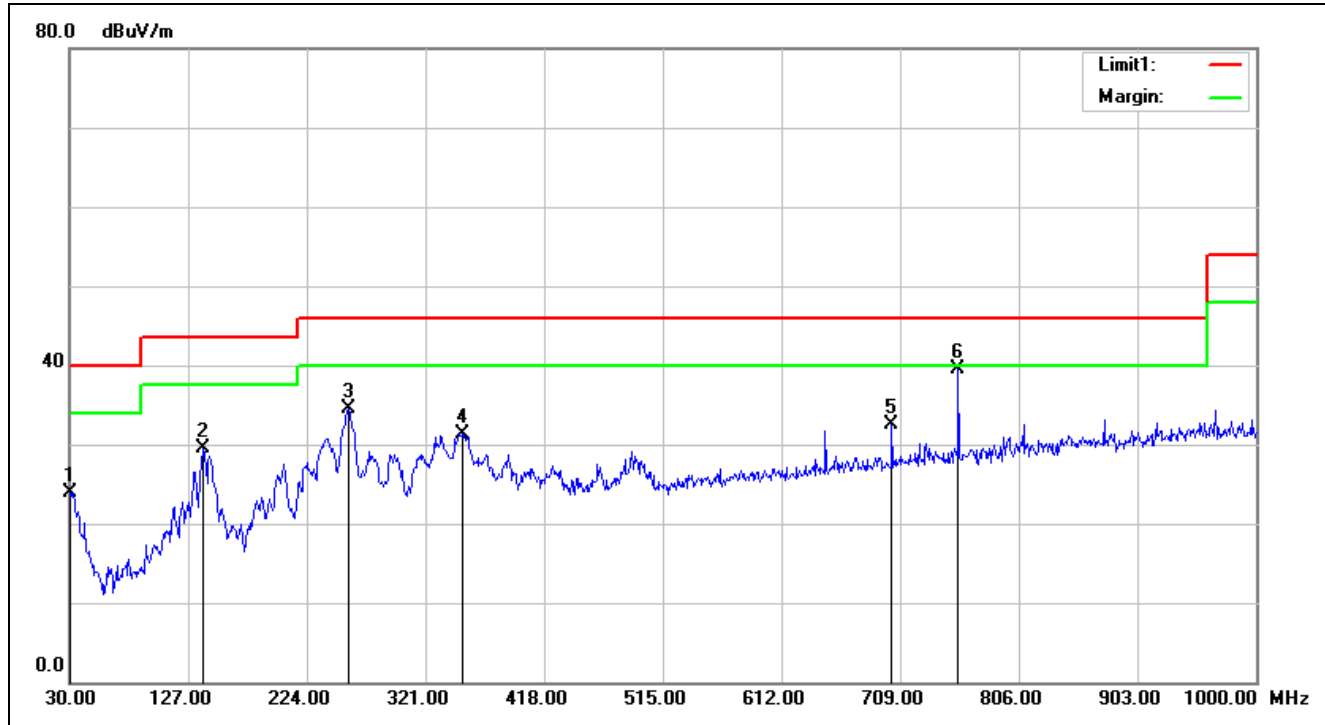
Spurious Emissions, RX Mode, 30M-1G



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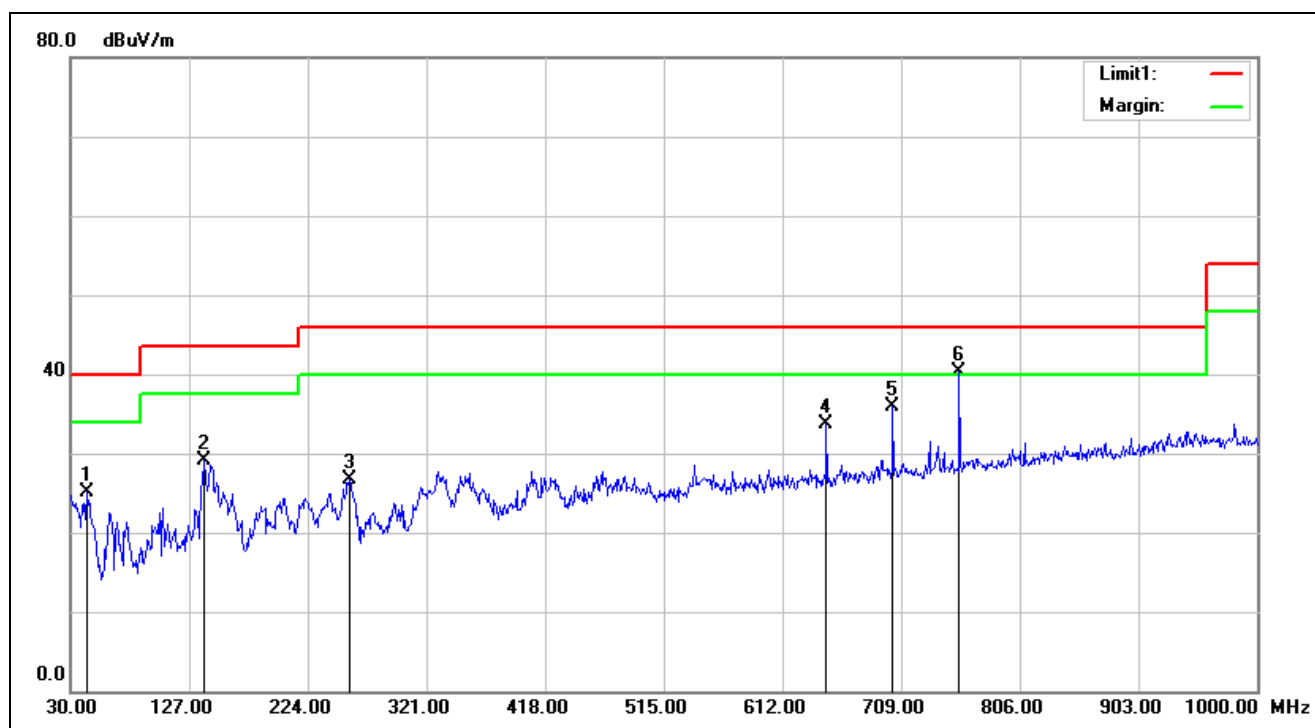
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



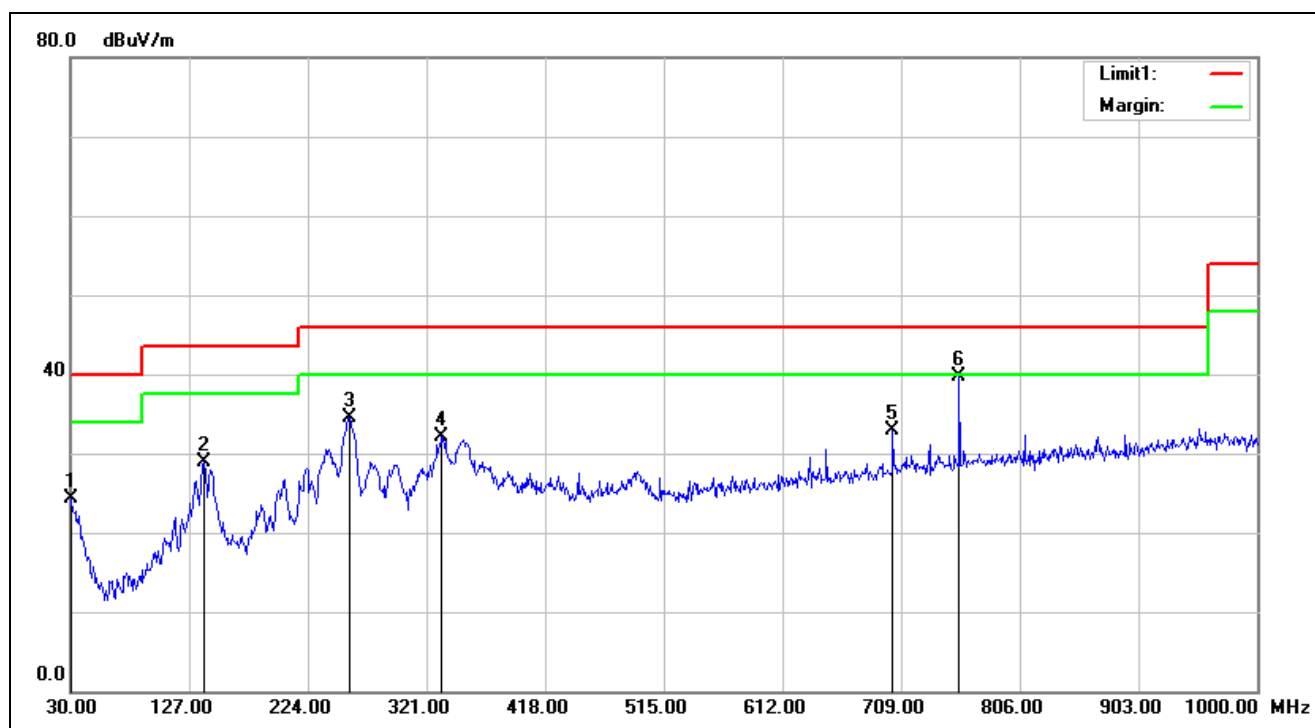
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:30:04
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9699	-1.80	25.80	24.00	40.00	-16.00	QP	100	256	
2	139.6100	-8.09	37.56	29.47	43.50	-14.03	QP	100	96	
3	257.9499	-6.31	40.72	34.41	46.00	-11.59	QP	100	243	
4	351.0699	-4.45	35.85	31.40	46.00	-14.60	QP	100	296	
5	702.2100	0.27	32.27	32.54	46.00	-13.46	QP	100	83	
6	756.5299	1.54	37.91	39.45	46.00	-6.55	QP	100	248	



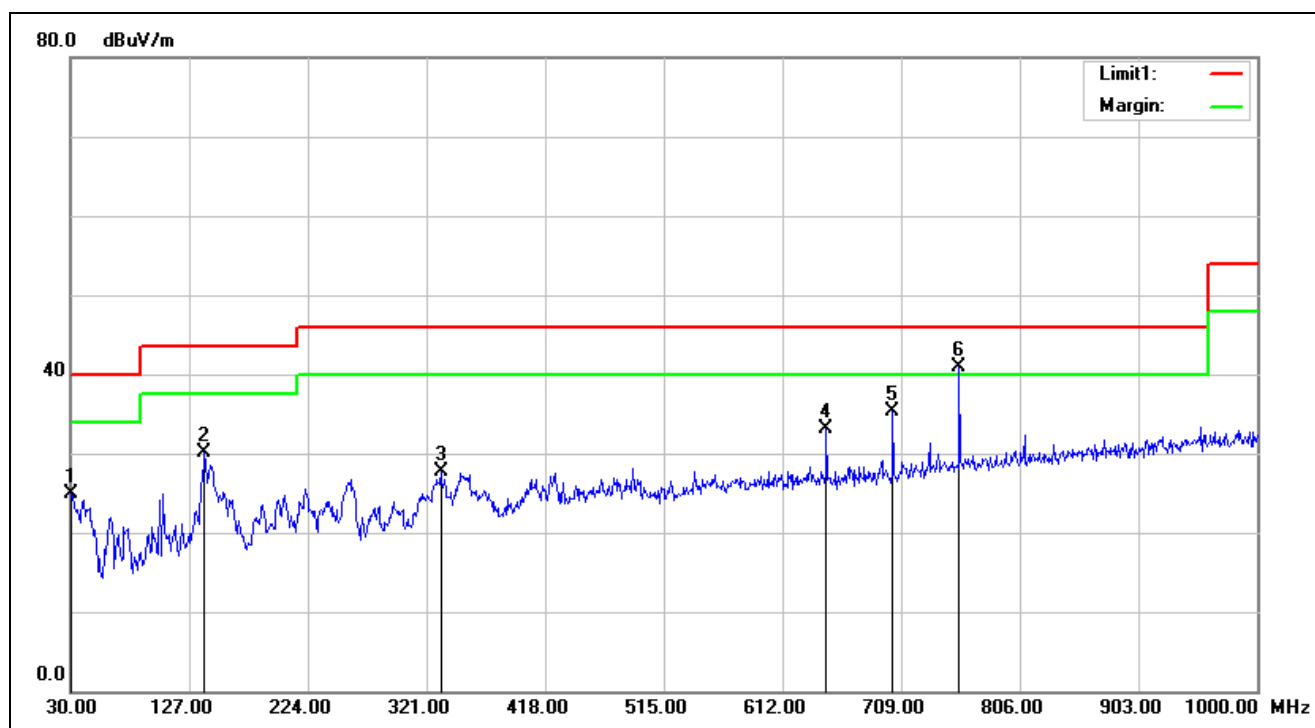
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:31:07
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	43.5800	-8.76	33.95	25.19	40.00	-14.81	QP	100	56	
2	139.6100	-8.09	37.27	29.18	43.50	-14.32	QP	100	270	
3	257.9500	-6.31	32.94	26.63	46.00	-19.37	QP	100	288	
4	647.8900	-0.27	33.90	33.63	46.00	-12.37	QP	100	123	
5	702.2100	0.27	35.56	35.83	46.00	-10.17	QP	100	123	
6	756.5300	1.54	38.69	40.23	46.00	-5.77	QP	100	136	



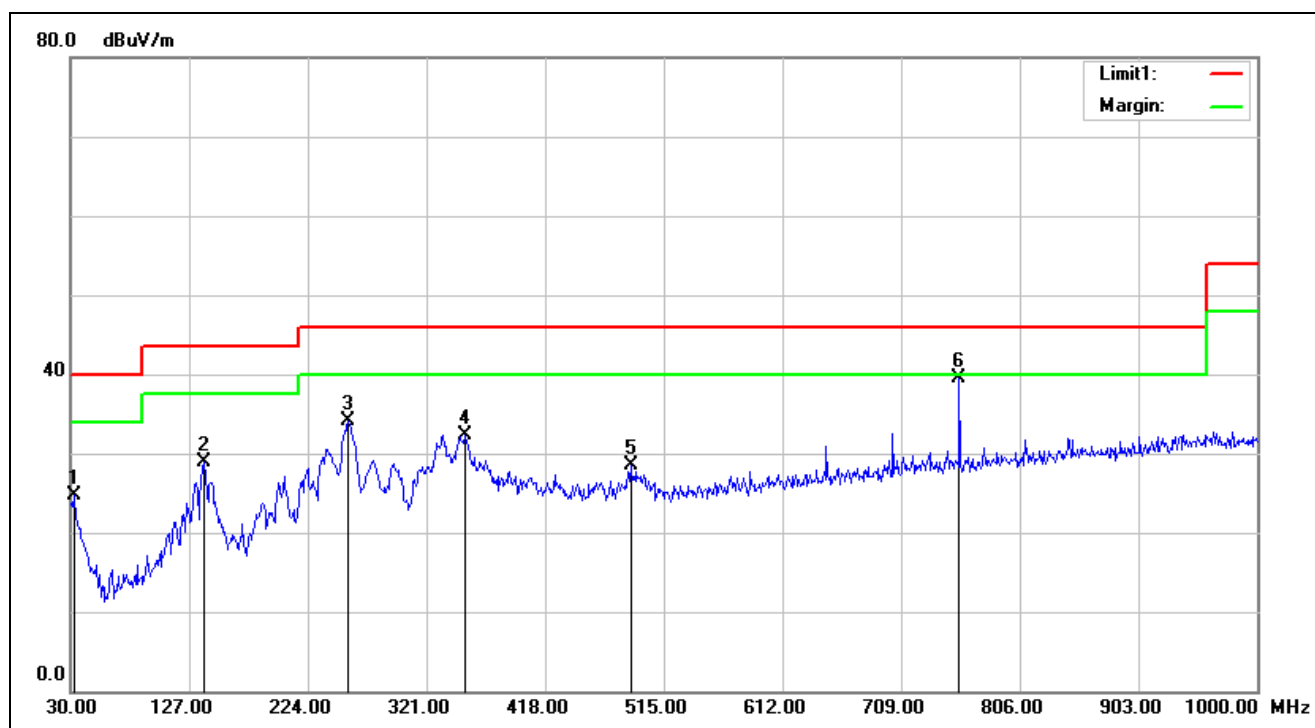
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:36:52
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	25.56	24.25	40.00	-15.75	QP	100	109	
2	138.6399	-8.08	37.08	29.00	43.50	-14.50	QP	100	75	
3	257.9499	-6.31	40.73	34.42	46.00	-11.58	QP	100	232	
4	333.6099	-4.88	36.98	32.10	46.00	-13.90	QP	100	279	
5	702.2100	0.27	32.62	32.89	46.00	-13.11	QP	100	85	
6	756.5299	1.54	38.13	39.67	46.00	-6.33	QP	100	248	



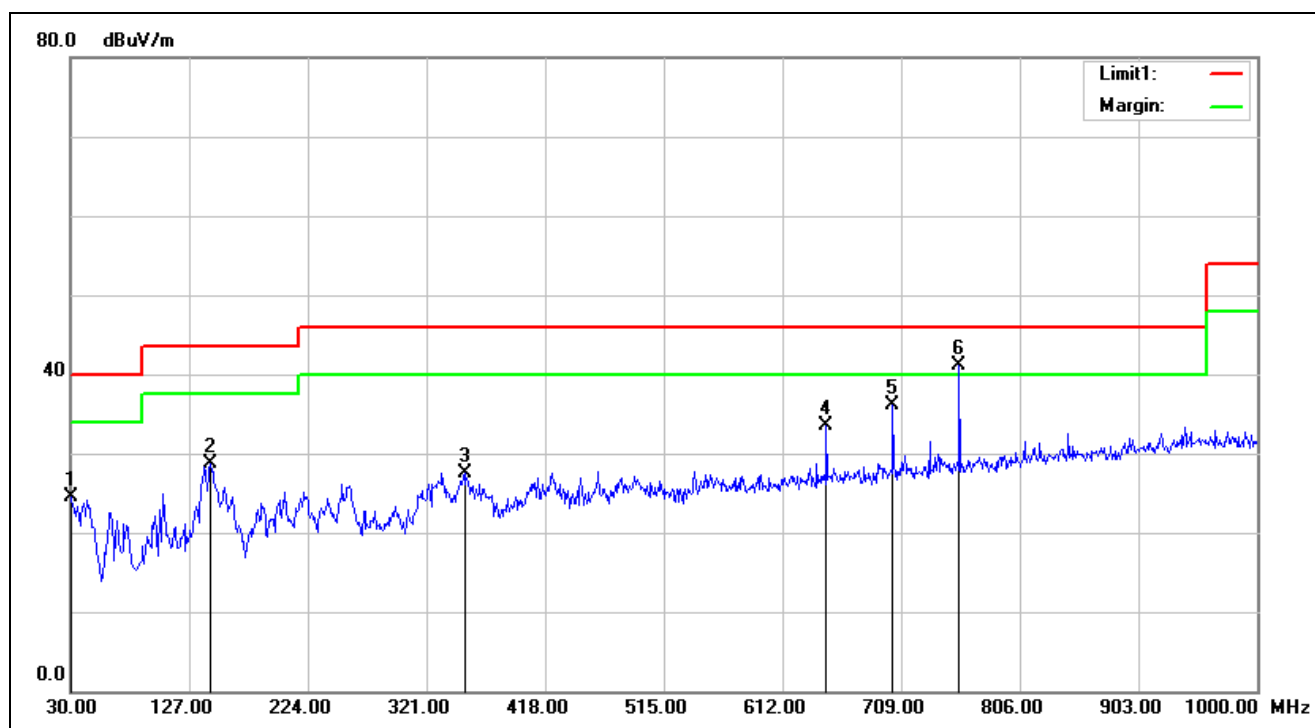
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:37:55
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-1.80	26.63	24.83	40.00	-15.17	QP	100	128	
2	139.6100	-8.09	38.20	30.11	43.50	-13.39	QP	100	251	
3	332.6400	-4.90	32.61	27.71	46.00	-18.29	QP	100	293	
4	647.8900	-0.27	33.37	33.10	46.00	-12.90	QP	100	224	
5	702.2100	0.27	35.13	35.40	46.00	-10.60	QP	100	123	
6	756.5300	1.54	39.28	40.82	46.00	-5.18	QP	100	136	



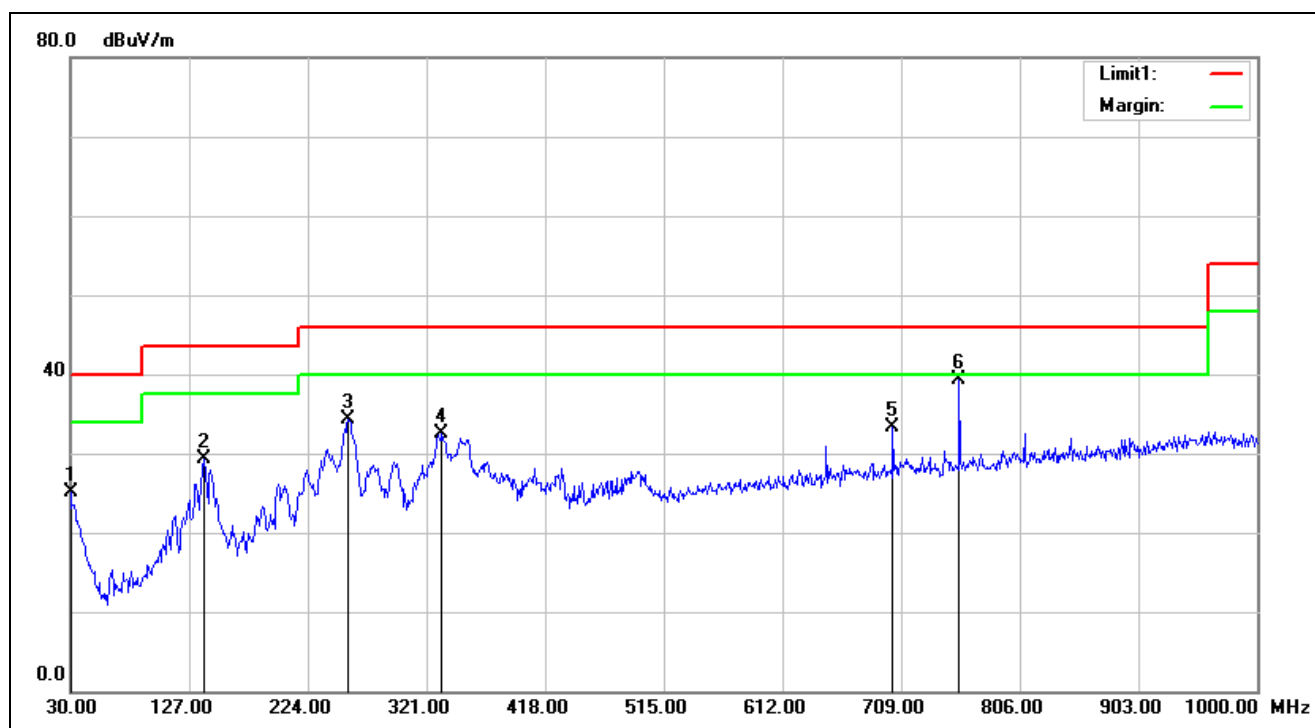
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:32:41
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	32.9099	-2.80	27.41	24.61	40.00	-15.39	QP	100	253	
2	138.6399	-8.08	36.95	28.87	43.50	-14.63	QP	100	88	
3	256.9800	-6.40	40.59	34.19	46.00	-11.81	QP	100	240	
4	353.0099	-4.42	36.73	32.31	46.00	-13.69	QP	100	287	
5	487.8399	-2.36	30.78	28.42	46.00	-17.58	QP	100	186	
6	756.5299	1.54	37.89	39.43	46.00	-6.57	QP	100	242	



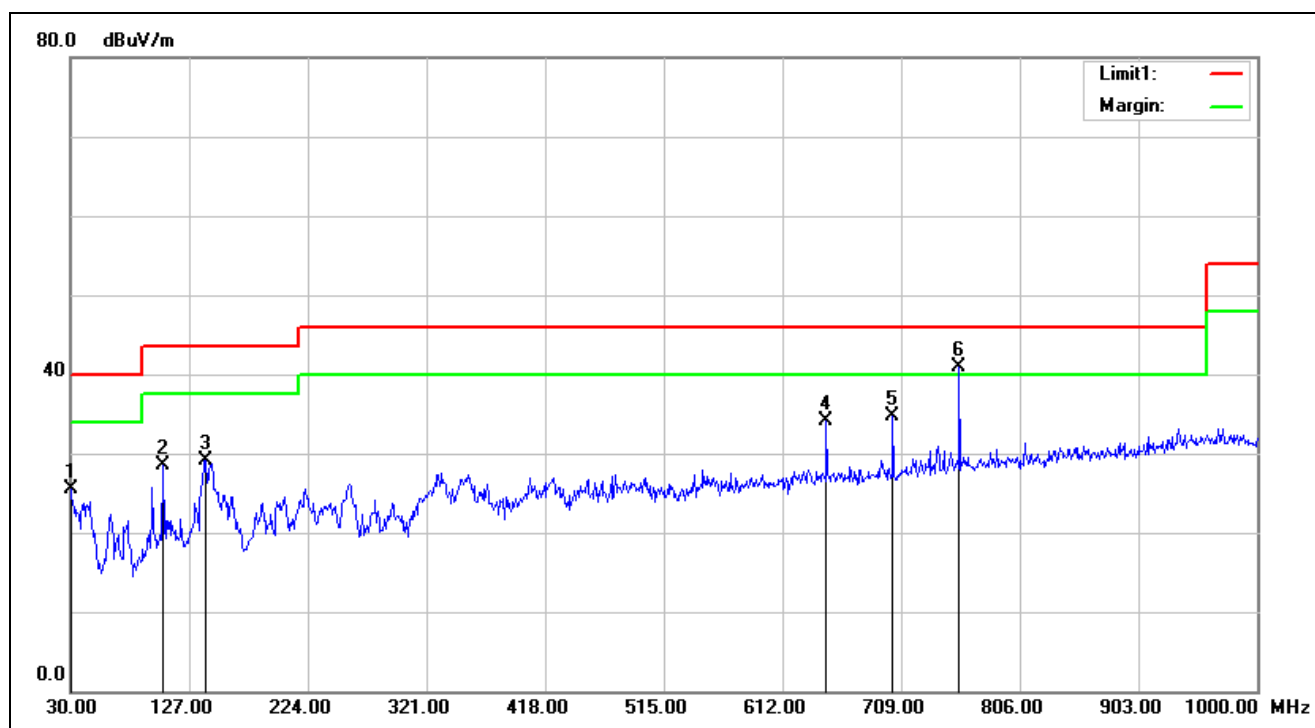
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:33:45
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	25.86	24.55	40.00	-15.45	QP	100	208	
2	144.4600	-8.23	36.90	28.67	43.50	-14.83	QP	100	262	
3	352.0400	-4.43	32.01	27.58	46.00	-18.42	QP	100	203	
4	647.8900	-0.27	33.78	33.51	46.00	-12.49	QP	100	112	
5	702.2100	0.27	35.82	36.09	46.00	-9.91	QP	100	139	
6	756.5300	1.54	39.60	41.14	46.00	-4.86	QP	100	139	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/15 13:39:33
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	26.50	25.19	40.00	-14.81	QP	100	91	
2	139.6100	-8.09	37.41	29.32	43.50	-14.18	QP	100	70	
3	256.9800	-6.40	40.69	34.29	46.00	-11.71	QP	100	213	
4	333.6099	-4.88	37.48	32.60	46.00	-13.40	QP	100	269	
5	702.2100	0.27	32.99	33.26	46.00	-12.74	QP	100	80	
6	756.5299	1.54	37.80	39.34	46.00	-6.66	QP	100	237	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/15 13:40:36
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-1.31	26.90	25.59	40.00	-14.41	QP	100	334	
2	105.6600	-9.87	38.40	28.53	43.50	-14.97	QP	100	294	
3	140.5800	-8.10	37.15	29.05	43.50	-14.45	QP	100	259	
4	647.8900	-0.27	34.40	34.13	46.00	-11.87	QP	100	128	
5	702.2100	0.27	34.46	34.73	46.00	-11.27	QP	100	131	
6	756.5300	1.54	39.33	40.87	46.00	-5.13	QP	100	142	

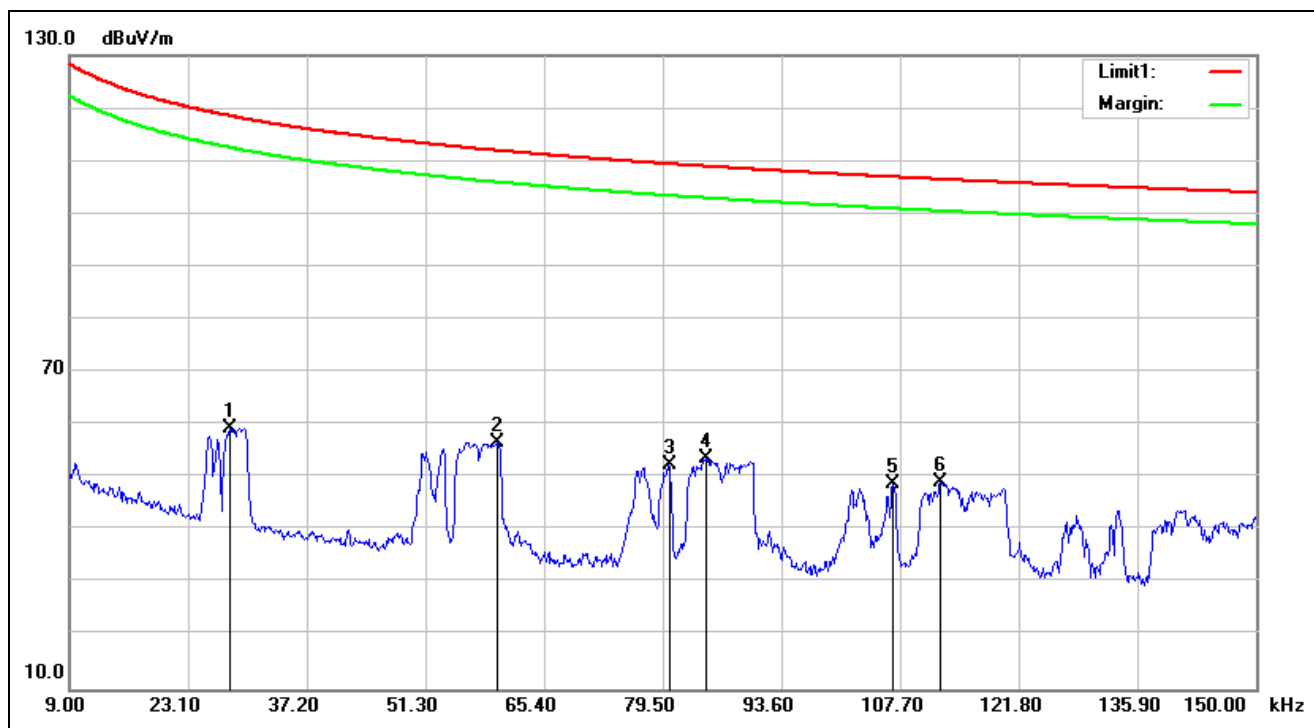
Spurious Emissions, RX Mode, 9K-30M



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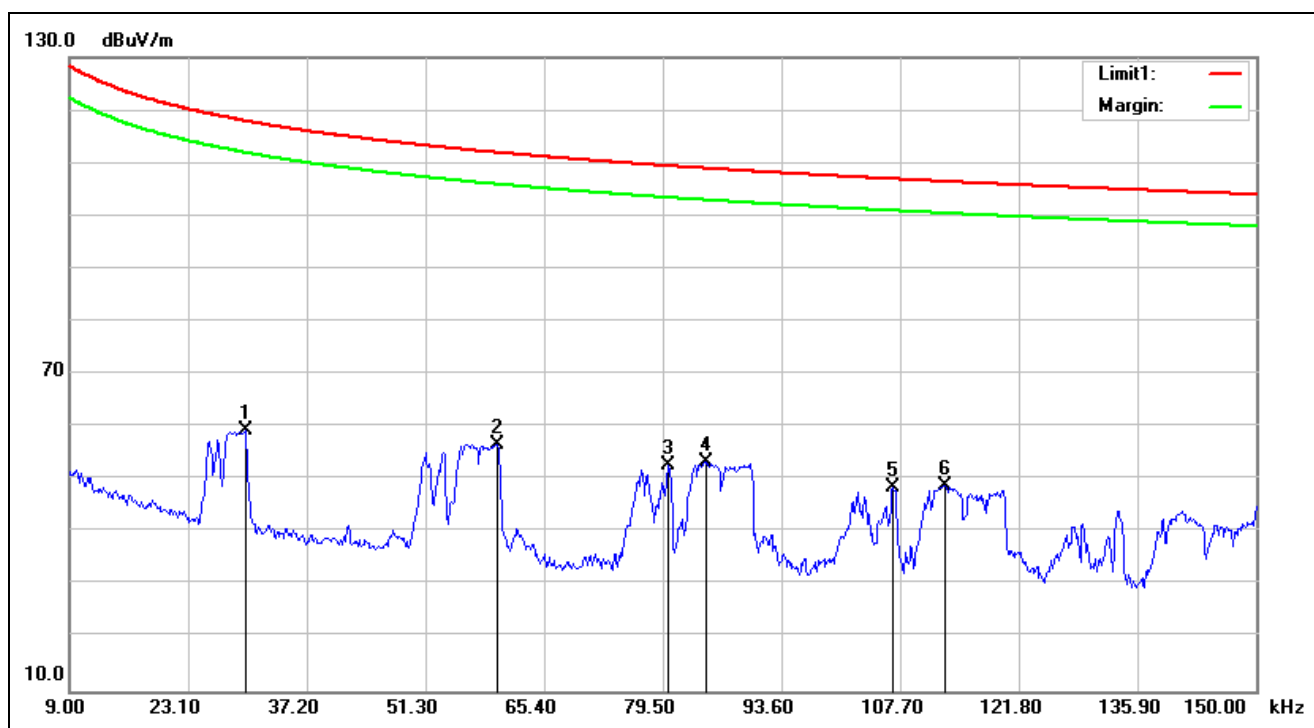
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:15:39
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

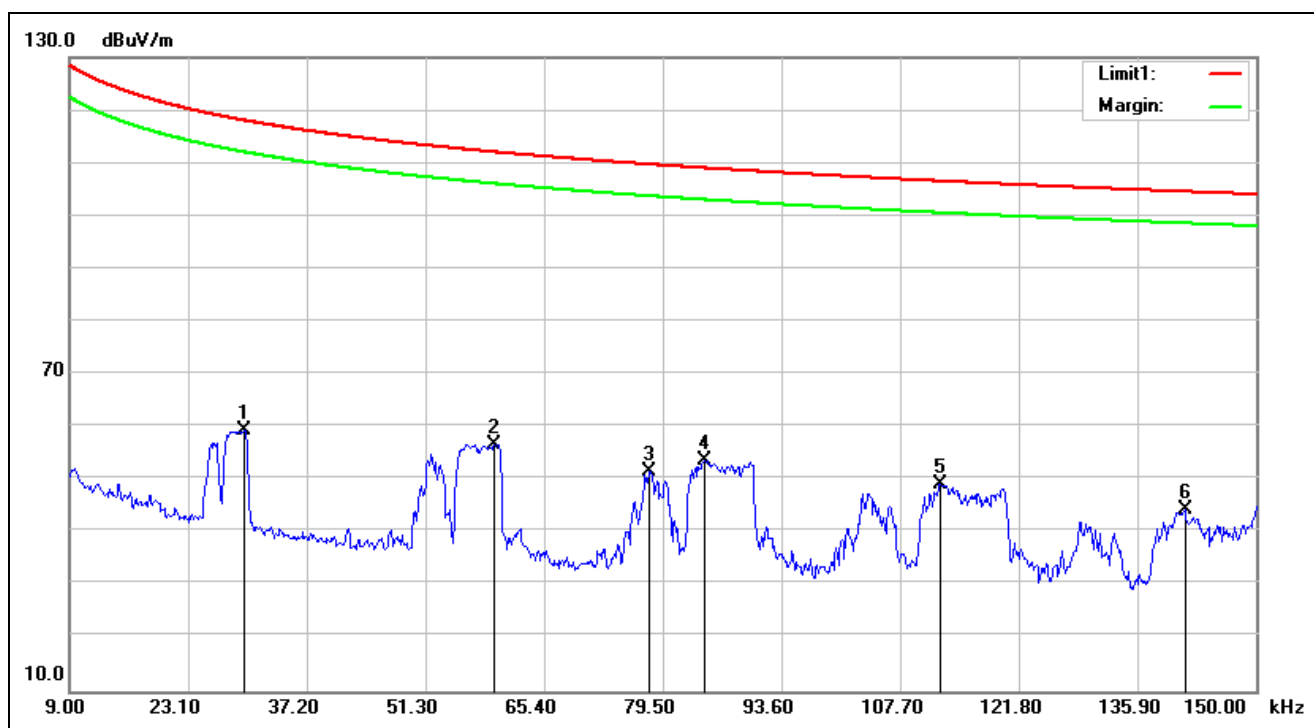
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0280	20.11	39.23	59.34	118.51	-59.17	QP	100	181	
2	0.0599	19.37	37.38	56.75	111.94	-55.19	QP	100	187	
3	0.0802	19.25	33.29	52.54	109.42	-56.88	QP	100	176	
4	0.0847	19.22	34.40	53.62	108.95	-55.33	QP	100	184	
5	0.1068	19.12	29.66	48.78	106.95	-58.17	QP	100	176	
6	0.1124	19.12	29.91	49.03	106.51	-57.48	QP	100	176	

Spurious Emissions, RX Mode, 30M-1G



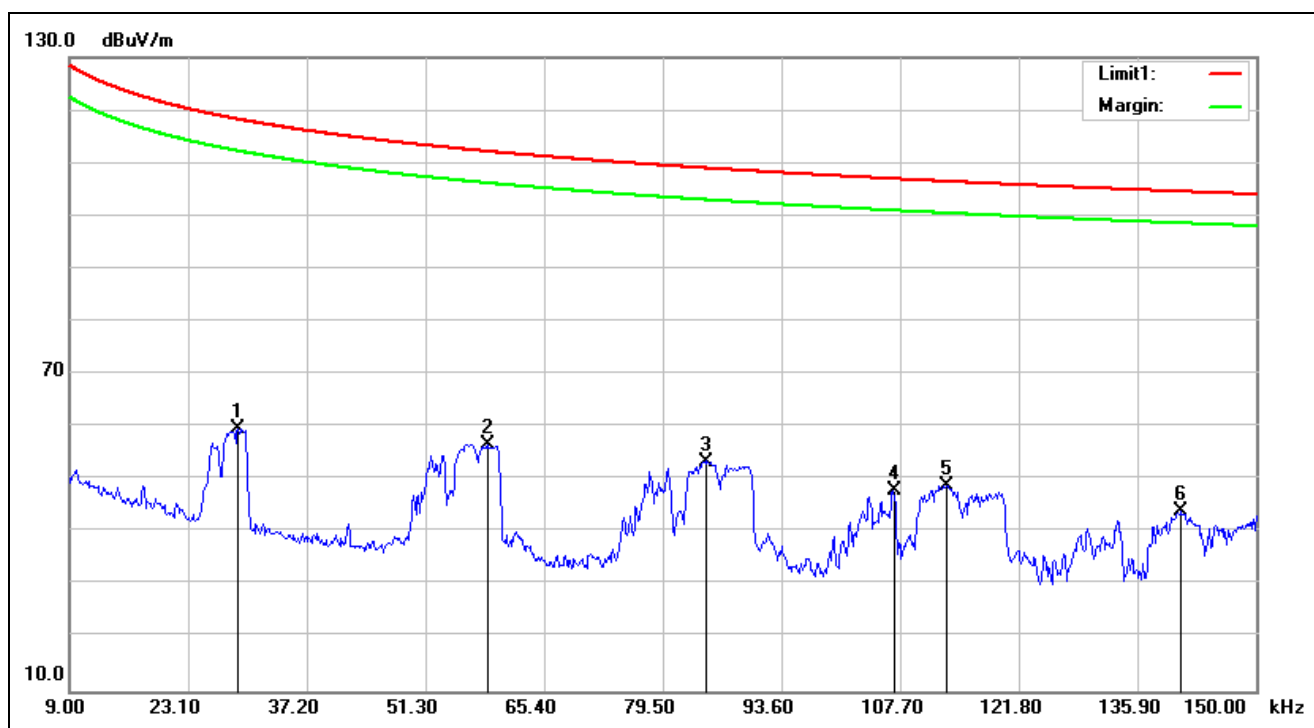
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:18:27
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0298	20.13	39.10	59.23	117.97	-58.74	QP	100	181	
2	0.0599	19.37	37.37	56.74	111.94	-55.20	QP	100	181	
3	0.0800	19.25	33.57	52.82	109.44	-56.62	QP	100	178	
4	0.0847	19.22	34.22	53.44	108.95	-55.51	QP	100	178	
5	0.1068	19.12	29.51	48.63	106.95	-58.32	QP	100	178	
6	0.1130	19.12	29.86	48.98	106.46	-57.48	QP	100	178	



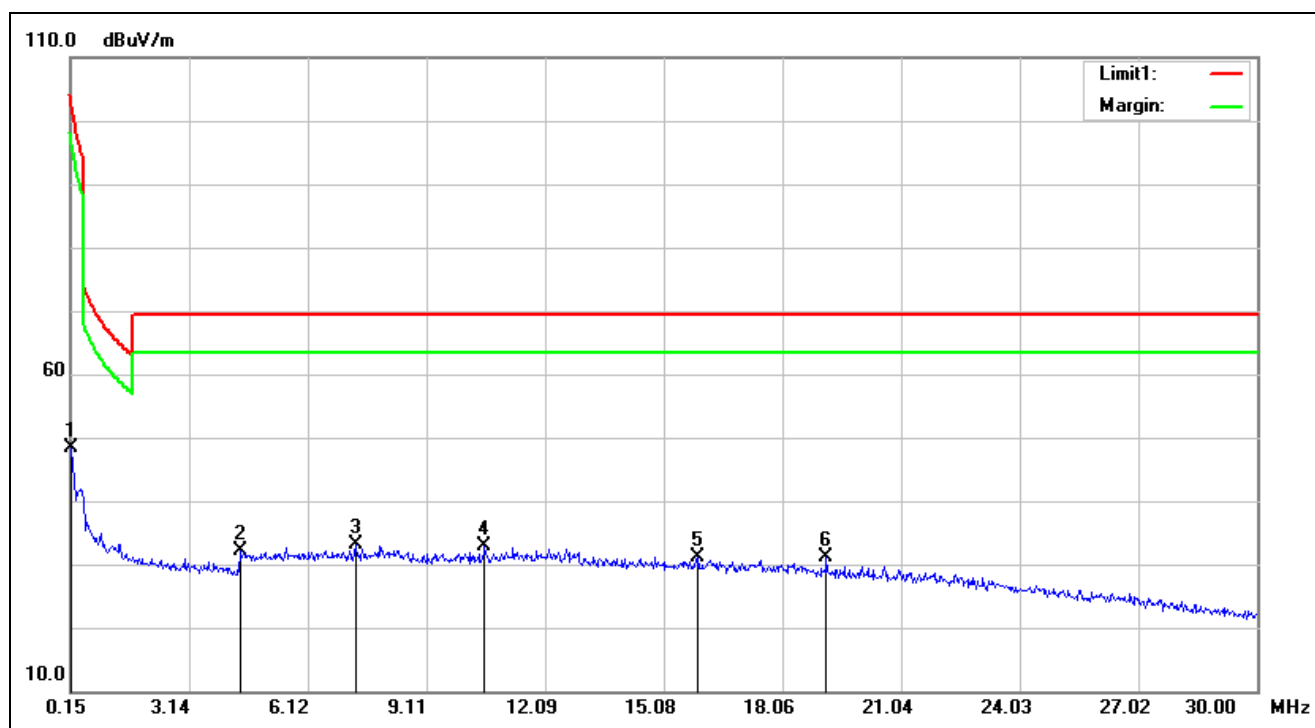
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:16:42
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%)	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0297	20.13	39.11	59.24	118.07	-58.83	QP	100	177	
2	0.0595	19.37	37.38	56.75	112.05	-55.30	QP	100	182	
3	0.0778	19.26	32.24	51.50	109.73	-58.23	QP	100	177	
4	0.0844	19.22	34.34	53.56	109.03	-55.47	QP	100	179	
5	0.1124	19.12	30.11	49.23	106.54	-57.31	QP	100	182	
6	0.1415	19.09	25.28	44.37	104.55	-60.18	QP	100	187	



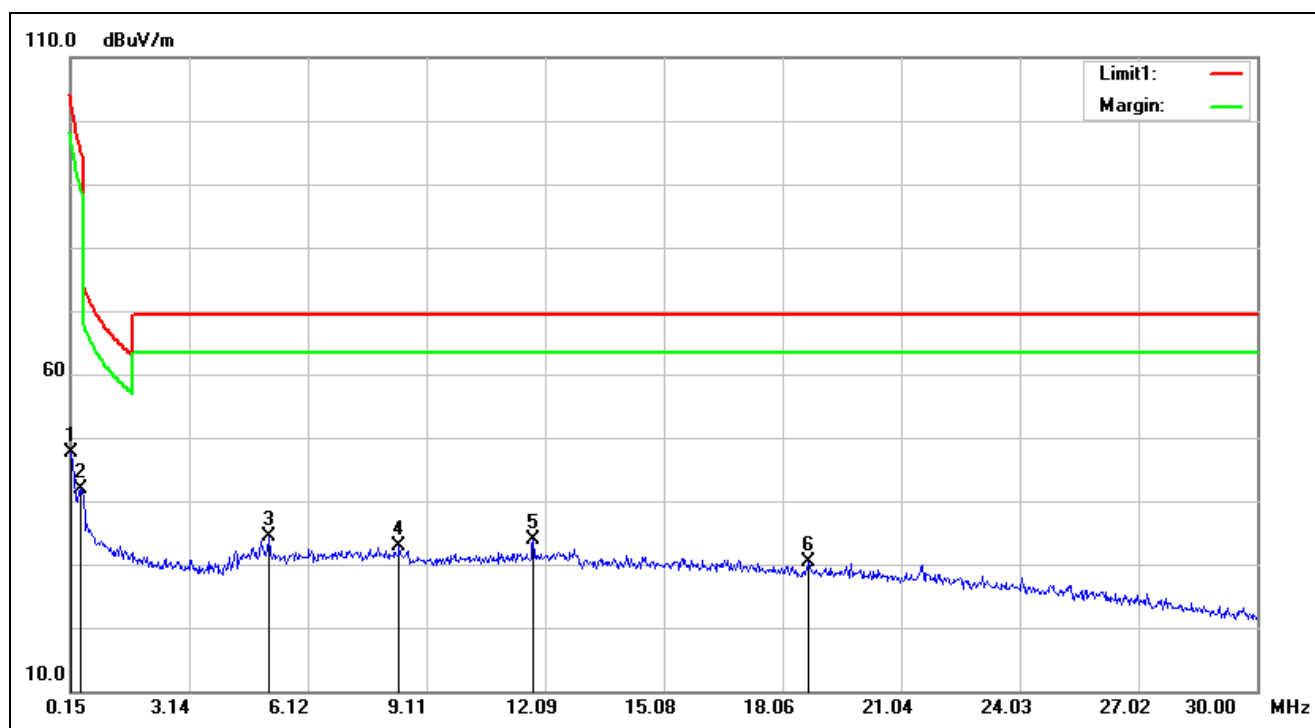
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:19:31
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0290	20.12	39.49	59.61	118.27	-58.66	QP	100	179	
2	0.0586	19.38	37.39	56.77	112.18	-55.41	QP	100	174	
3	0.0847	19.22	34.28	53.50	108.99	-55.49	QP	100	179	
4	0.1069	19.12	28.74	47.86	106.98	-59.12	QP	100	185	
5	0.1132	19.12	29.77	48.89	106.48	-57.59	QP	100	193	
6	0.1411	19.09	24.83	43.92	104.58	-60.66	QP	100	190	



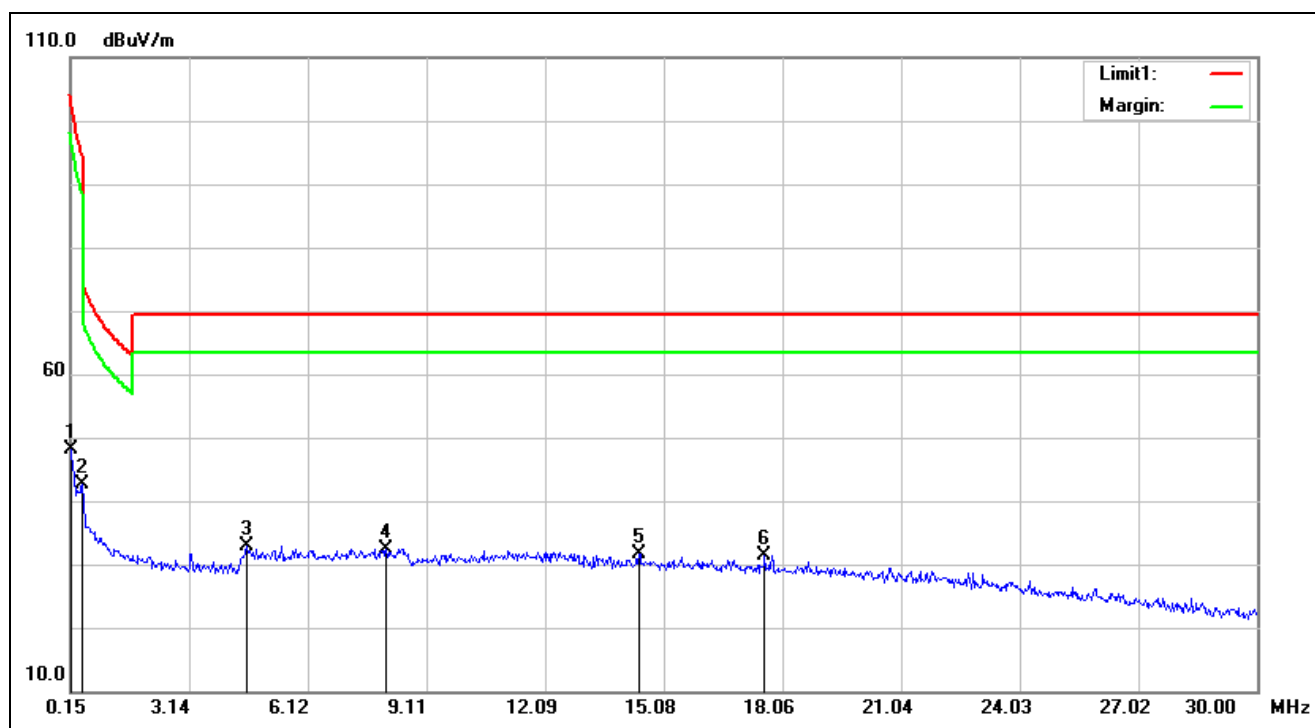
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:21:28
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1499	19.08	29.19	48.27	104.02	-55.75	QP	100	191	
2	4.4185	19.40	12.65	32.05	69.50	-37.45	QP	100	128	
3	7.3140	19.98	13.21	33.19	69.50	-36.31	QP	100	88	
4	10.5676	20.32	12.54	32.86	69.50	-36.64	QP	100	51	
5	15.9406	21.27	9.81	31.08	69.50	-38.42	QP	100	117	
6	19.1643	21.84	9.38	31.22	69.50	-38.28	QP	100	149	



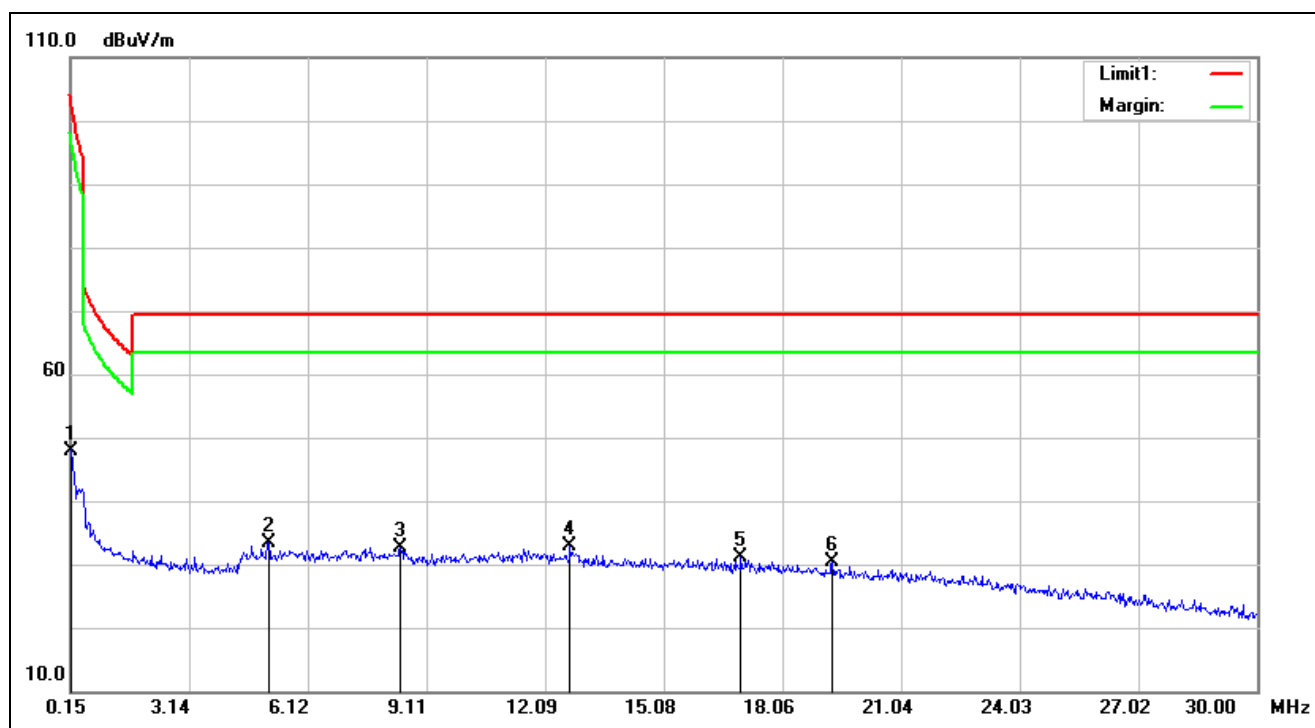
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:24:18
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1499	19.08	28.66	47.74	104.02	-56.28	QP	100	176	
2	0.3887	18.91	22.89	41.80	95.80	-54.00	QP	100	186	
3	5.1349	19.77	14.68	34.45	69.50	-35.05	QP	100	0	
4	8.4184	20.07	12.71	32.78	69.50	-36.72	QP	100	27	
5	11.7914	20.53	13.43	33.96	69.50	-35.54	QP	100	106	
6	18.7166	21.76	8.64	30.40	69.50	-39.10	QP	100	211	



Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:22:31
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	28.99	48.07	104.05	-55.98	QP	100	179	
2	0.4485	18.89	23.69	42.58	94.56	-51.98	QP	100	190	
3	4.5678	19.49	13.46	32.95	69.50	-36.55	QP	100	0	
4	8.0901	20.05	12.33	32.38	69.50	-37.12	QP	100	360	
5	14.4482	21.01	10.56	31.57	69.50	-37.93	QP	100	203	
6	17.6122	21.56	9.87	31.43	69.50	-38.07	QP	100	179	



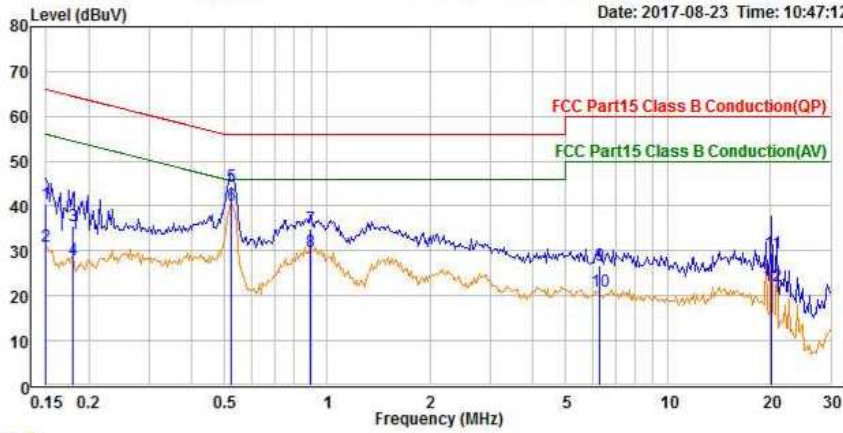
Service No.:	114068037(TX-1)-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/15 13:25:22
Applicant:	TPCast	Test Rating:	DC 5V
Product:	PC transmitter	Temp.(°C)/Hum.(%):	23(°C)/57%
Model No.:	TX-1	Test Engineer:	George Yang
Test Mode:	MRP-62.64-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	28.92	48.00	104.05	-56.05	QP	100	173	
2	5.1349	19.77	13.70	33.47	69.50	-36.03	QP	100	283	
3	8.4483	20.08	12.46	32.54	69.50	-36.96	QP	100	322	
4	12.7169	20.70	12.18	32.88	69.50	-36.62	QP	100	270	
5	17.0153	21.46	9.65	31.11	69.50	-38.39	QP	100	176	
6	19.3137	21.86	8.46	30.32	69.50	-39.18	QP	100	35	

Mains Spurious Emissions

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Date: 2017-08-23 Time: 10:47:12



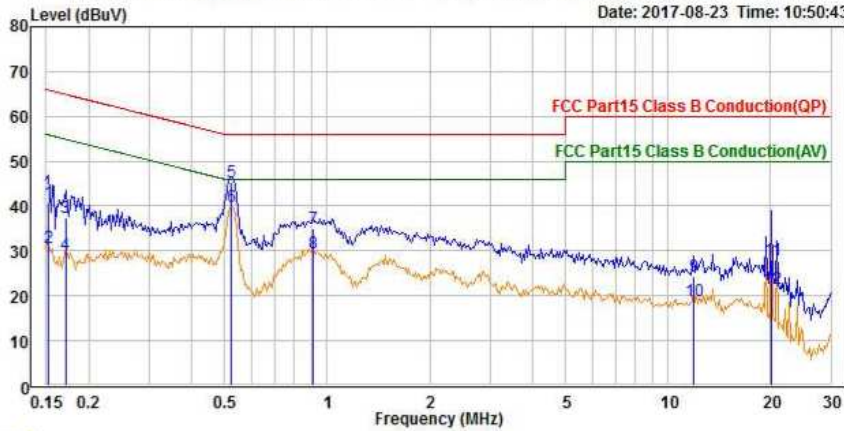
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Applicant : TPcast
Product : PC Transmitter
Model No. : TX-1
Test Rating : 240Vac/60Hz
Tmp/Hum : 23.9 °C / 44 %
Memo : (a) Normal operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.150	30.88	9.66	40.54	66.00	-25.46	QP
2	0.150	21.28	9.66	30.94	56.00	-25.06	Average
3	0.179	25.83	9.66	35.49	64.51	-29.02	QP
4	0.179	18.28	9.66	27.94	54.51	-26.57	Average
5	0.525	34.65	9.66	44.31	56.00	-11.69	QP
6	0.525	30.35	9.66	40.01	46.00	-5.99	Average
7	0.889	25.41	9.66	35.07	56.00	-20.93	QP
8	0.889	20.03	9.66	29.69	46.00	-16.31	Average
9	6.300	17.12	9.74	26.86	60.00	-33.14	QP
10	6.300	11.24	9.74	20.98	50.00	-29.02	Average
11	20.157	19.68	9.82	29.50	60.00	-30.50	QP
12	20.157	12.51	9.82	22.33	50.00	-27.67	Average

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Date: 2017-08-23 Time: 10:50:43



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kai Wang
Applicant : TPcast
Product : PC Transmitter
Model No. : TX-1
Test Rating : 240Vac/60Hz
Tmp/Hum : 23.9 °C / 44 %
Memo : (a) Normal operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.151	31.01	9.67	40.68	65.92	-25.24	QP
2	0.151	21.15	9.67	30.82	55.92	-25.10	Average
3	0.171	27.89	9.67	37.56	64.93	-27.37	QP
4	0.171	19.63	9.67	29.30	54.93	-25.63	Average
5	0.525	35.55	9.66	45.21	56.00	-10.79	QP
6	0.525	30.10	9.66	39.76	46.00	-6.24	Average
7	0.907	25.22	9.68	34.90	56.00	-21.10	QP
8	0.907	19.92	9.68	29.60	46.00	-16.40	Average
9	11.902	14.40	9.83	24.23	60.00	-35.77	QP
10	11.902	8.99	9.83	18.82	50.00	-31.18	Average
11	20.157	18.12	9.89	28.01	60.00	-31.99	QP
12	20.157	11.74	9.89	21.63	50.00	-28.37	Average