

Test Report No.50088175 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50088175AppendixD)

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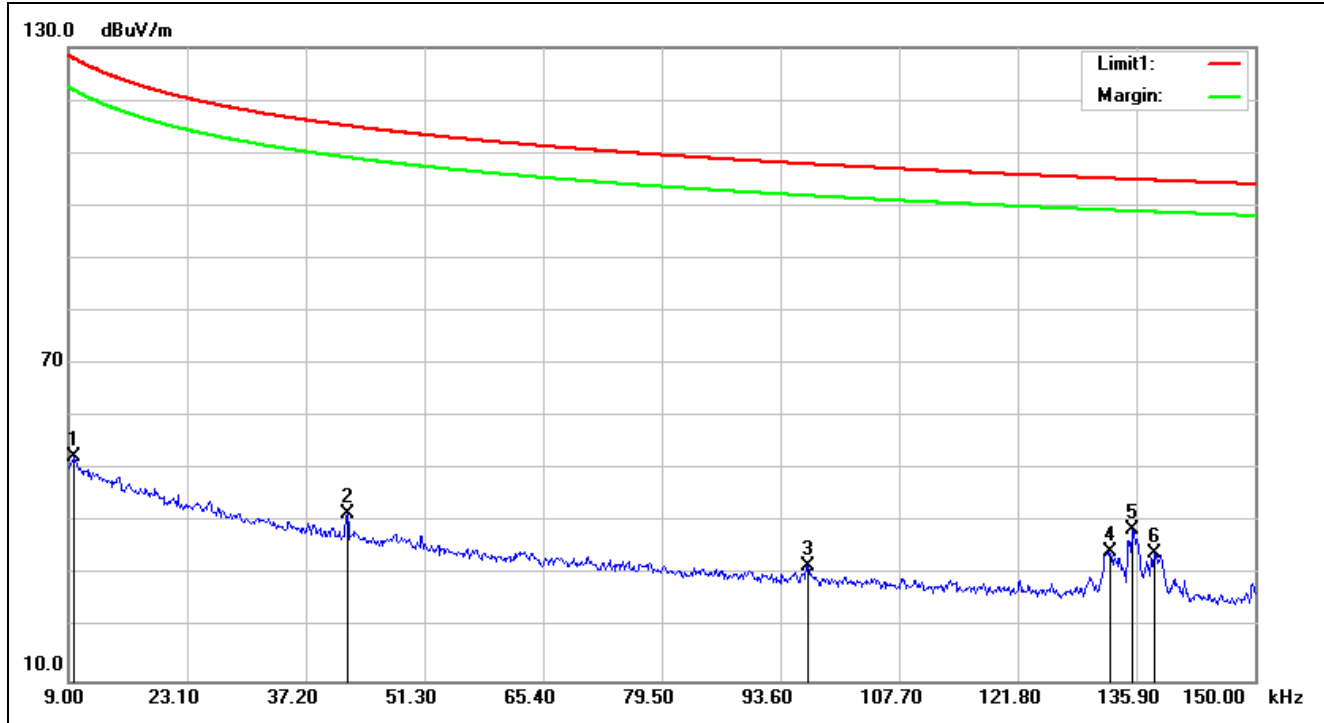
Spurious Emissions, TX Mode, 9k-150k



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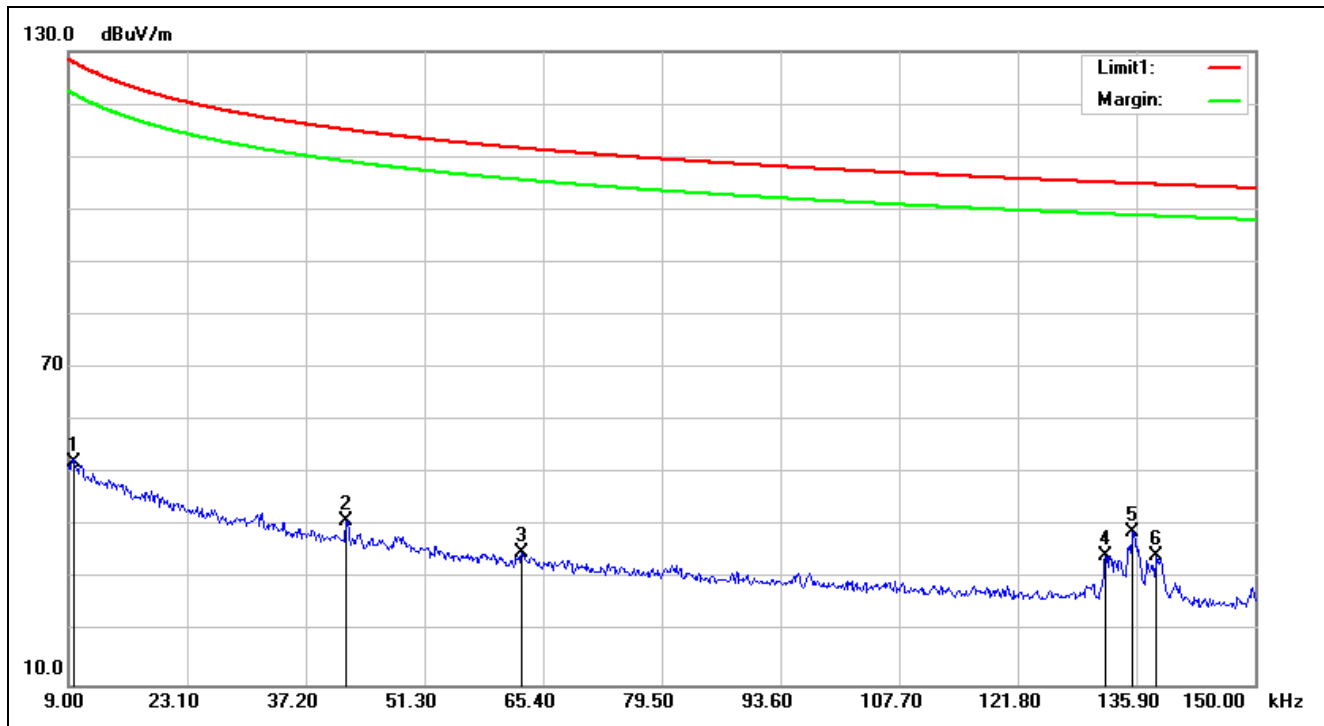
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Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/6/26 13:21:41
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	0.0096	20.01	32.37	52.38	127.96	-75.58	QP	100	75	
2	0.0421	19.62	22.10	41.72	115.12	-73.40	QP	100	64	
3	0.0968	18.87	12.93	31.80	107.89	-76.09	QP	100	251	
4	0.1327	18.82	15.49	34.31	105.15	-70.84	QP	100	150	
5	0.1355	18.81	19.79	38.60	104.97	-66.37	QP	100	158	
6	0.1380	18.81	15.40	34.21	104.81	-70.60	QP	100	145	

Spurious Emissions, Band Edge, 2.35-2.5G



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/6/26 13:25:39
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	0.0097	20.09	31.93	52.02	127.87	-75.85	QP	100	357	
2	0.0420	19.62	21.37	40.99	115.14	-74.15	QP	100	73	
3	0.0629	19.13	16.06	35.19	111.63	-76.44	QP	100	38	
4	0.1322	18.82	15.70	34.52	105.18	-70.66	QP	100	147	
5	0.1355	18.81	20.11	38.92	104.97	-66.05	QP	100	145	
6	0.1383	18.81	15.60	34.41	104.79	-70.38	QP	100	153	

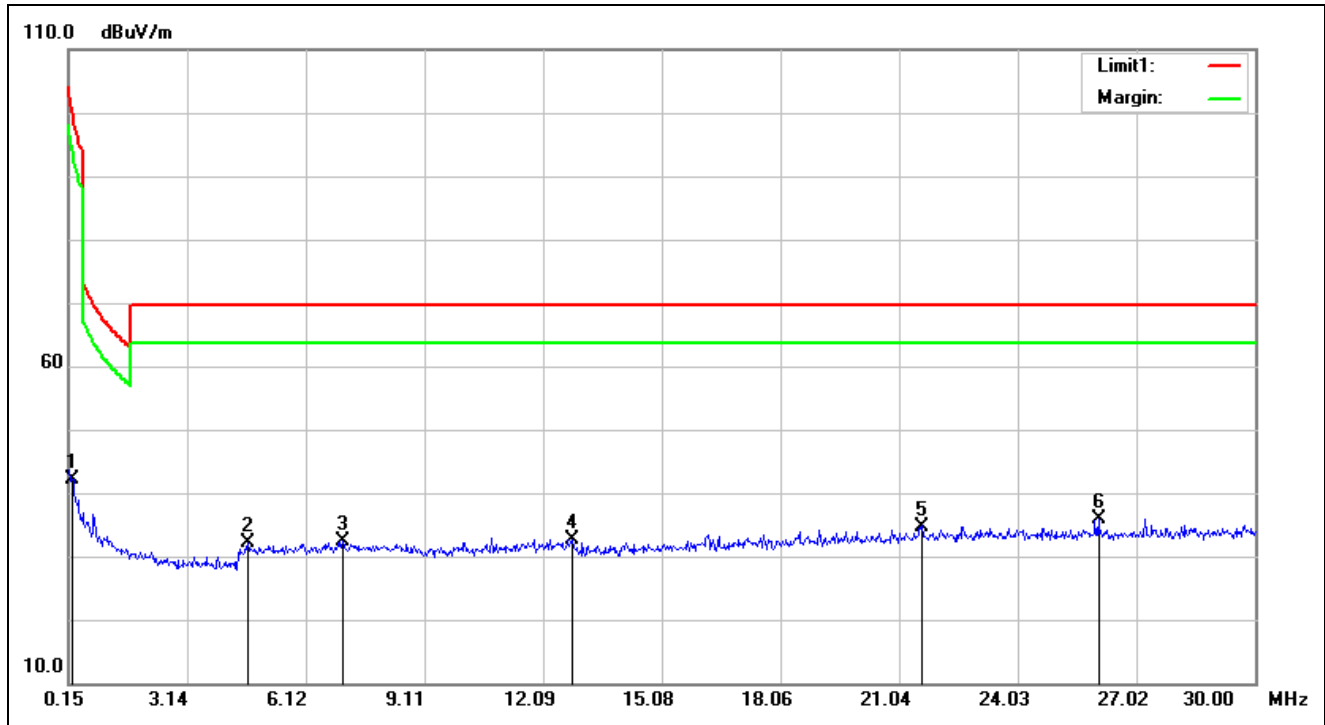
Spurious Emissions, TX Mode, 150k-30M



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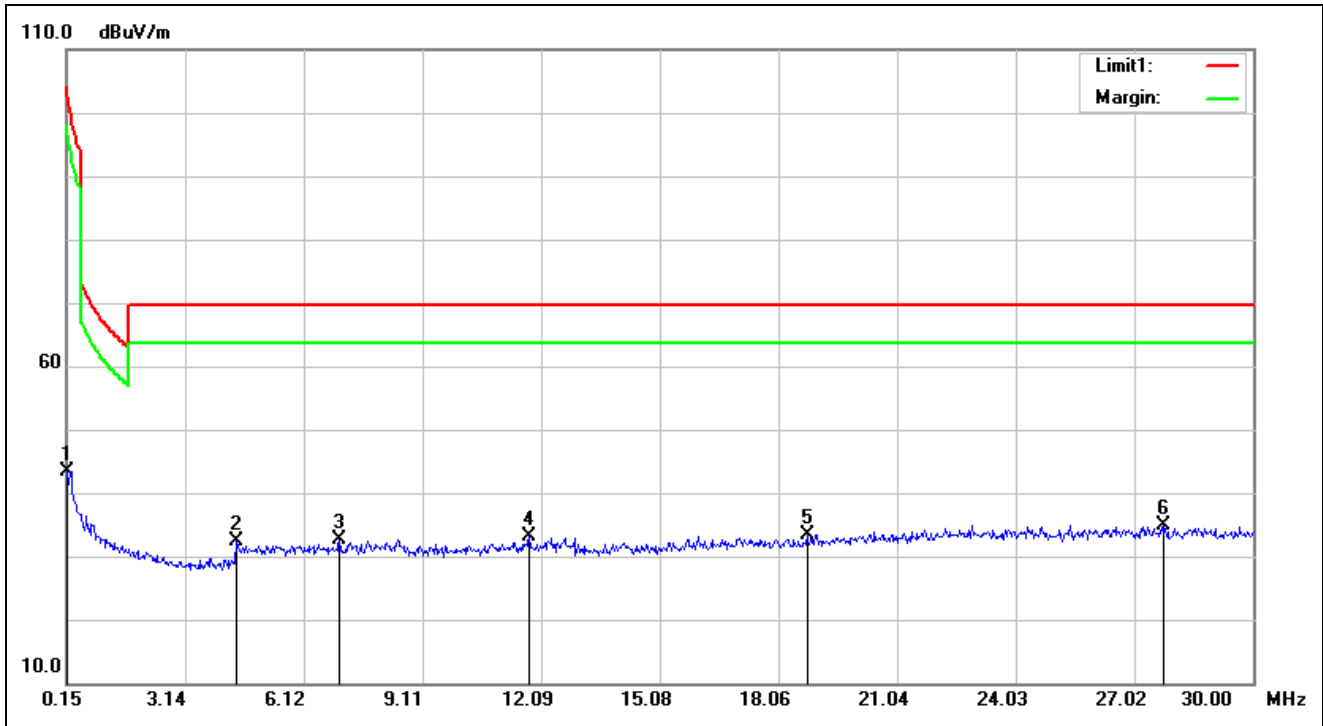
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Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017-6-26 13:36:24
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	0.2396	18.72	23.48	42.20	100.01	-57.81	QP	100	291	
2	4.6574	19.47	12.65	32.12	69.54	-37.42	QP	100	189	
3	7.0454	19.93	12.44	32.37	69.54	-37.17	QP	100	357	
4	12.8064	20.72	11.99	32.71	69.54	-36.83	QP	100	4	
5	21.6122	21.67	13.08	34.75	69.54	-34.79	QP	100	0	
6	26.0598	21.99	13.85	35.84	69.54	-33.70	QP	100	357	

Spurious Emissions, Band Edge, 2.35-2.5G



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017-6-26 13:40:03
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	18.80	24.64	43.44	104.08	-60.64	QP	100	95	
2	4.4186	19.39	12.89	32.28	69.54	-37.26	QP	100	357	
3	7.0155	19.92	12.74	32.66	69.54	-36.88	QP	100	1	
4	11.7915	20.60	12.56	33.16	69.54	-36.38	QP	100	61	
5	18.7764	21.41	12.06	33.47	69.54	-36.07	QP	100	241	
6	27.7613	22.12	12.66	34.78	69.54	-34.76	QP	100	86	

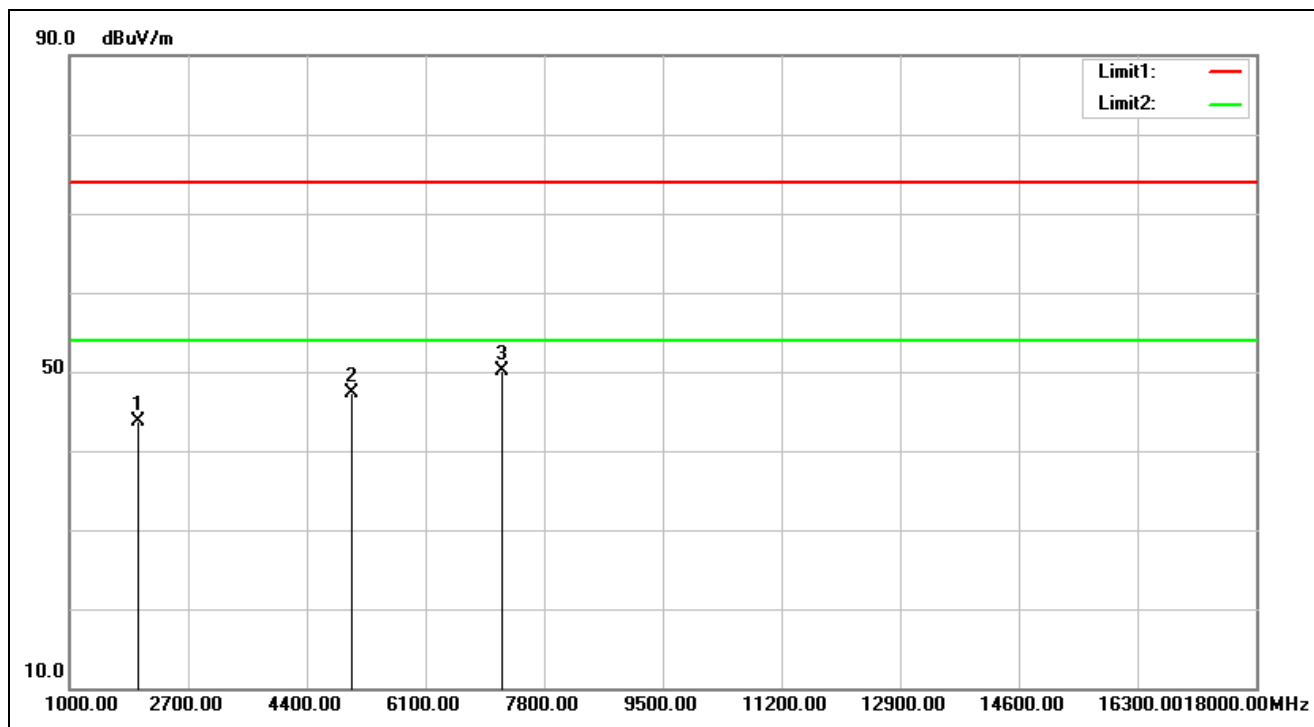
Spurious Emissions, TX Mode, 1-18G



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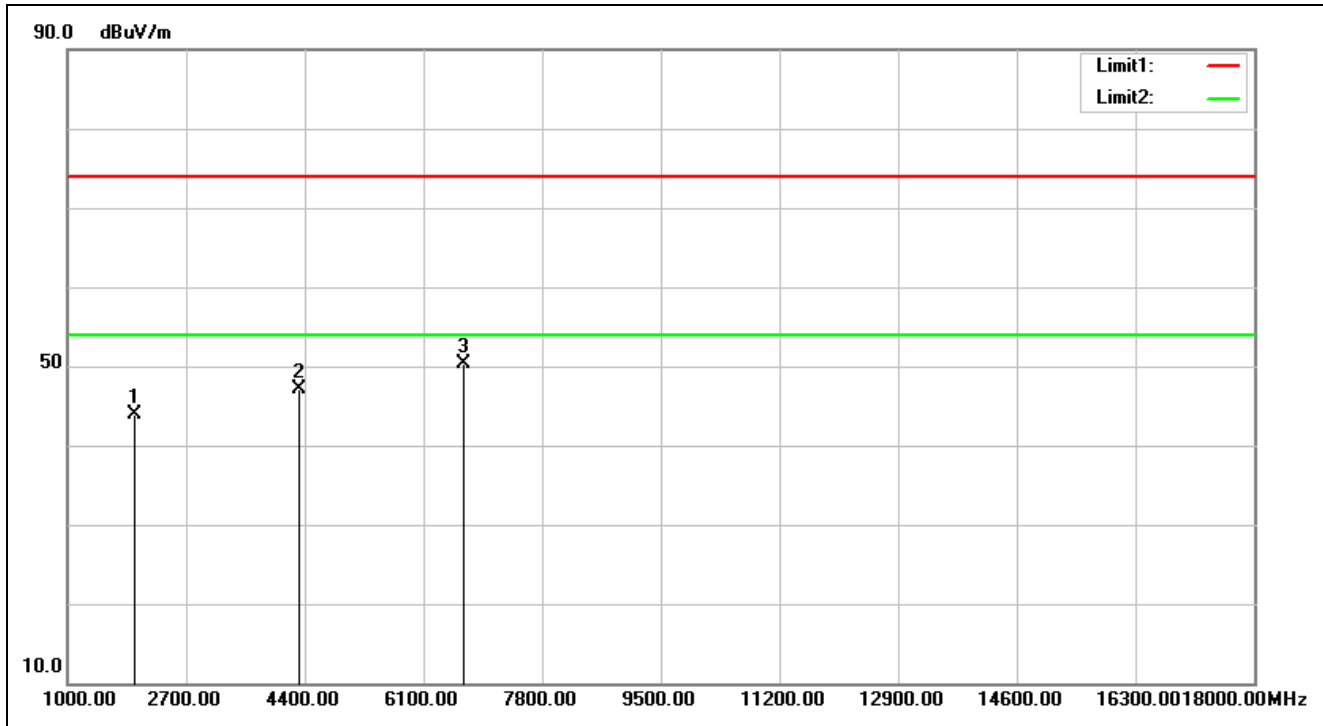
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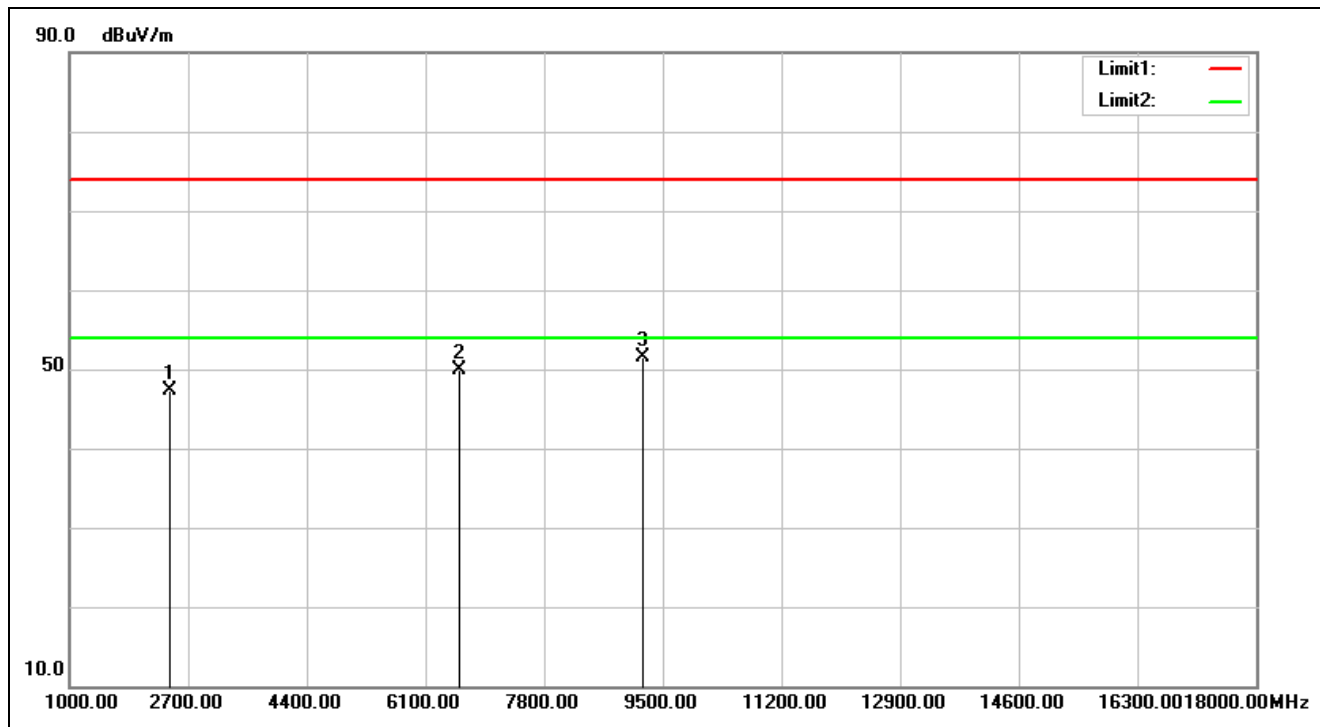
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:17:13
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	1986.000	-8.10	51.74	43.64	74.00	-30.36	peak	100	218	
2	5046.000	-3.00	50.30	47.30	74.00	-26.70	peak	100	13	
3	7205.000	4.54	45.61	50.15	74.00	-23.85	peak	100	360	



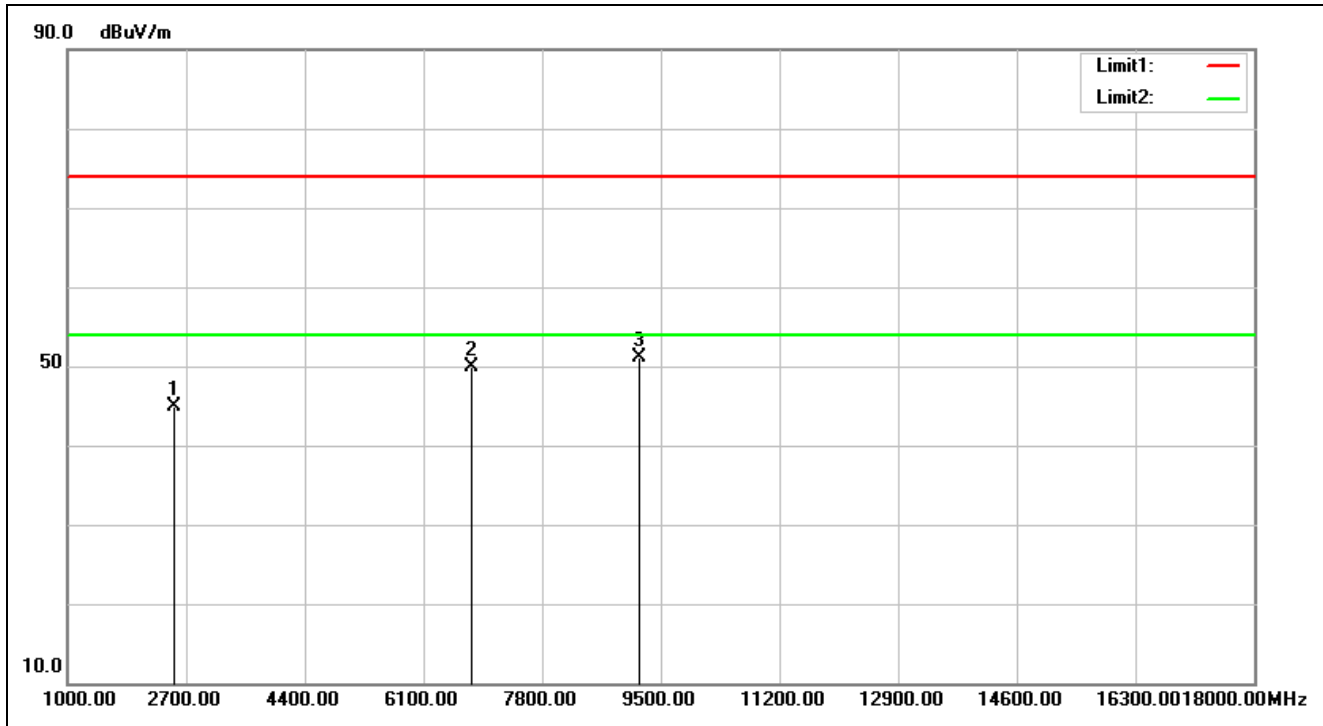
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:18:15
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	1969.000	-8.23	52.11	43.88	74.00	-30.12	peak	100	239	
2	4315.000	-4.58	51.66	47.08	74.00	-26.92	peak	100	0	
3	6678.000	4.37	45.97	50.34	74.00	-23.66	peak	100	111	



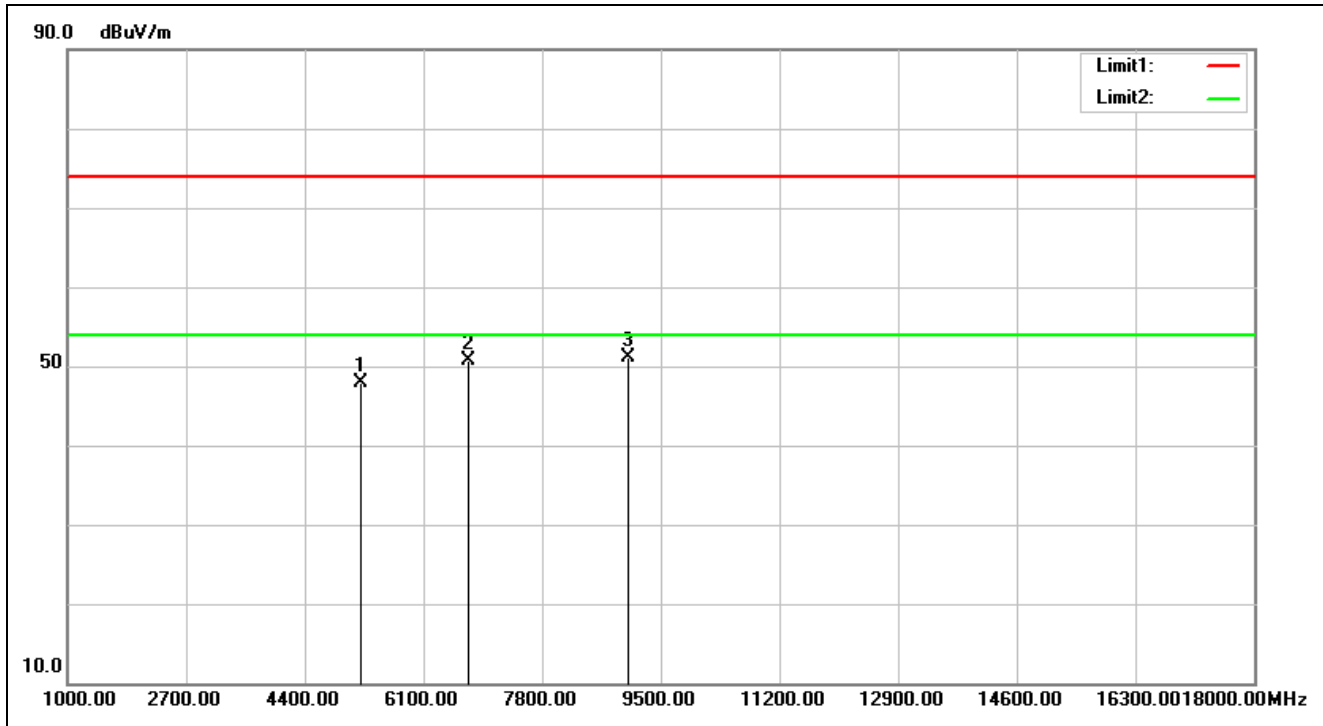
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:21:57
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	2428.000	-7.94	55.33	47.39	74.00	-26.61	peak	100	166	
2	6576.000	4.51	45.44	49.95	74.00	-24.05	peak	100	296	
3	9211.000	5.72	45.80	51.52	74.00	-22.48	peak	100	27	



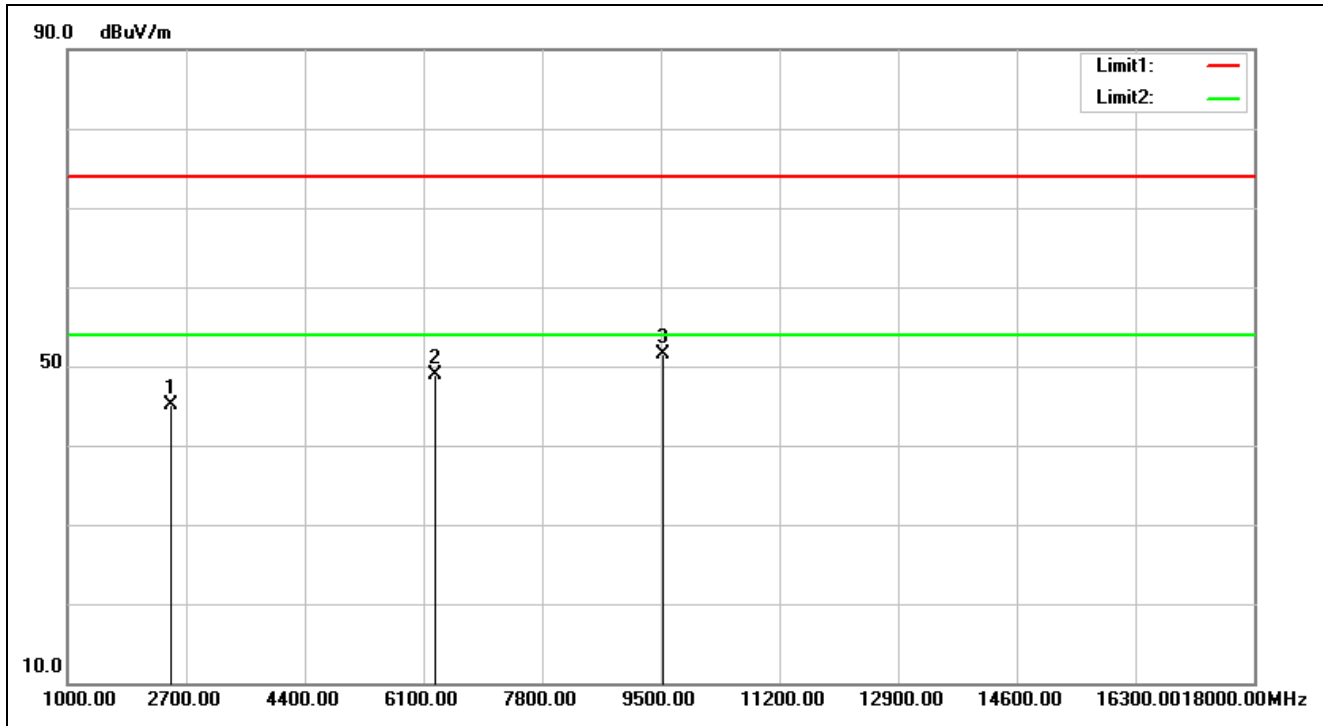
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:22:59
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	2530.000	-7.87	52.74	44.87	74.00	-29.13	peak	100	89	
2	6780.000	4.23	45.77	50.00	74.00	-24.00	peak	100	316	
3	9194.000	5.73	45.32	51.05	74.00	-22.95	peak	100	272	



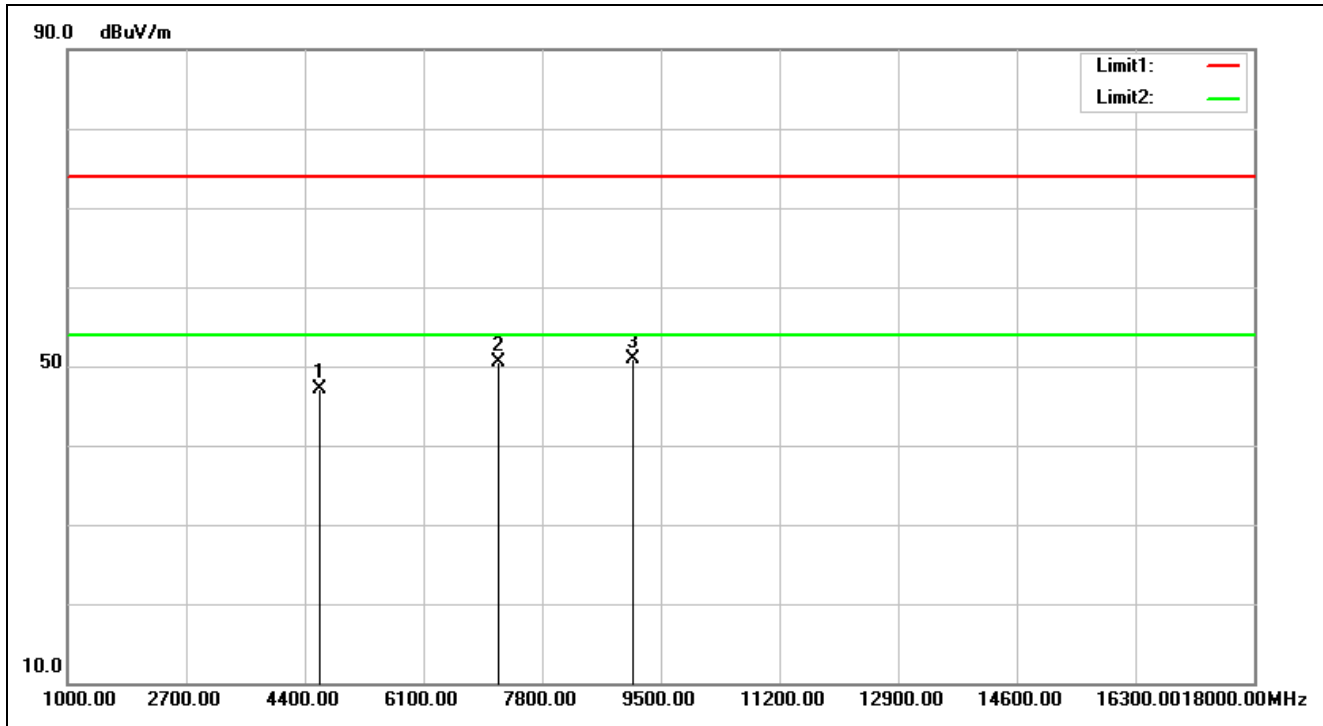
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:24:56
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	5199.000	-2.19	50.02	47.83	74.00	-26.17	peak	100	124	
2	6746.000	4.27	46.53	50.80	74.00	-23.20	peak	100	94	
3	9041.000	5.83	45.33	51.16	74.00	-22.84	peak	100	183	



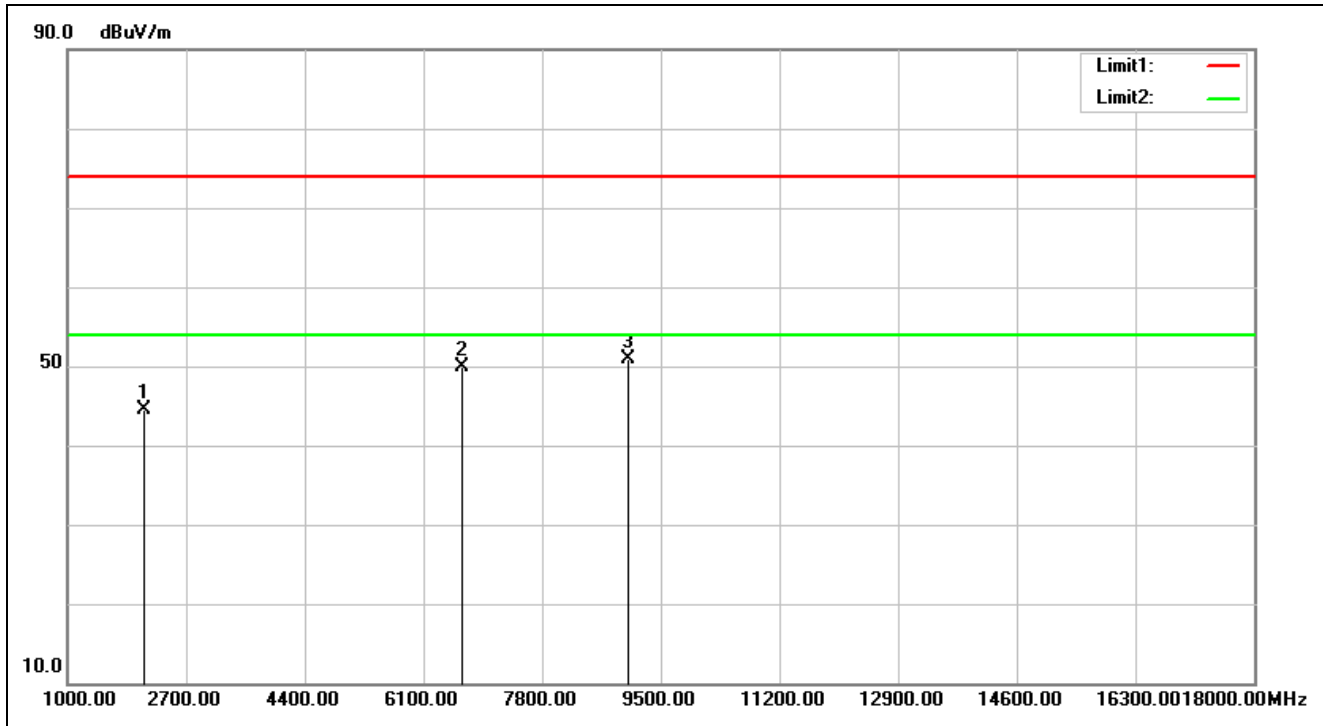
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:25:58
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	2479.000	-7.93	53.03	45.10	74.00	-28.90	peak	100	241	
2	6270.000	3.80	45.17	48.97	74.00	-25.03	peak	100	73	
3	9534.000	5.45	46.03	51.48	74.00	-22.52	peak	100	347	



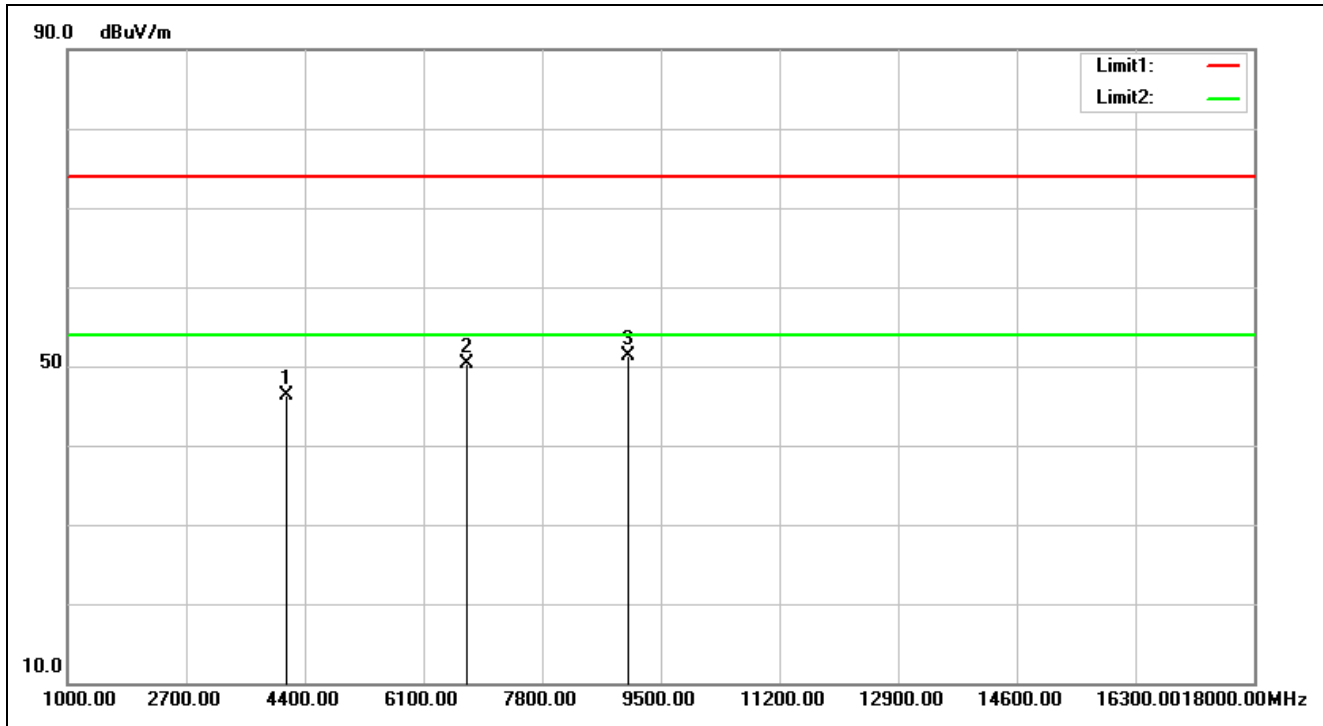
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Test item:	Radiation Emission	Test Time:	2017-6-26 14:30:23
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.32-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4621.000	-3.74	50.85	47.11	74.00	-26.89	peak	100	183	
2	7171.000	4.44	46.00	50.44	74.00	-23.56	peak	100	315	
3	9092.000	5.80	45.13	50.93	74.00	-23.07	peak	100	299	



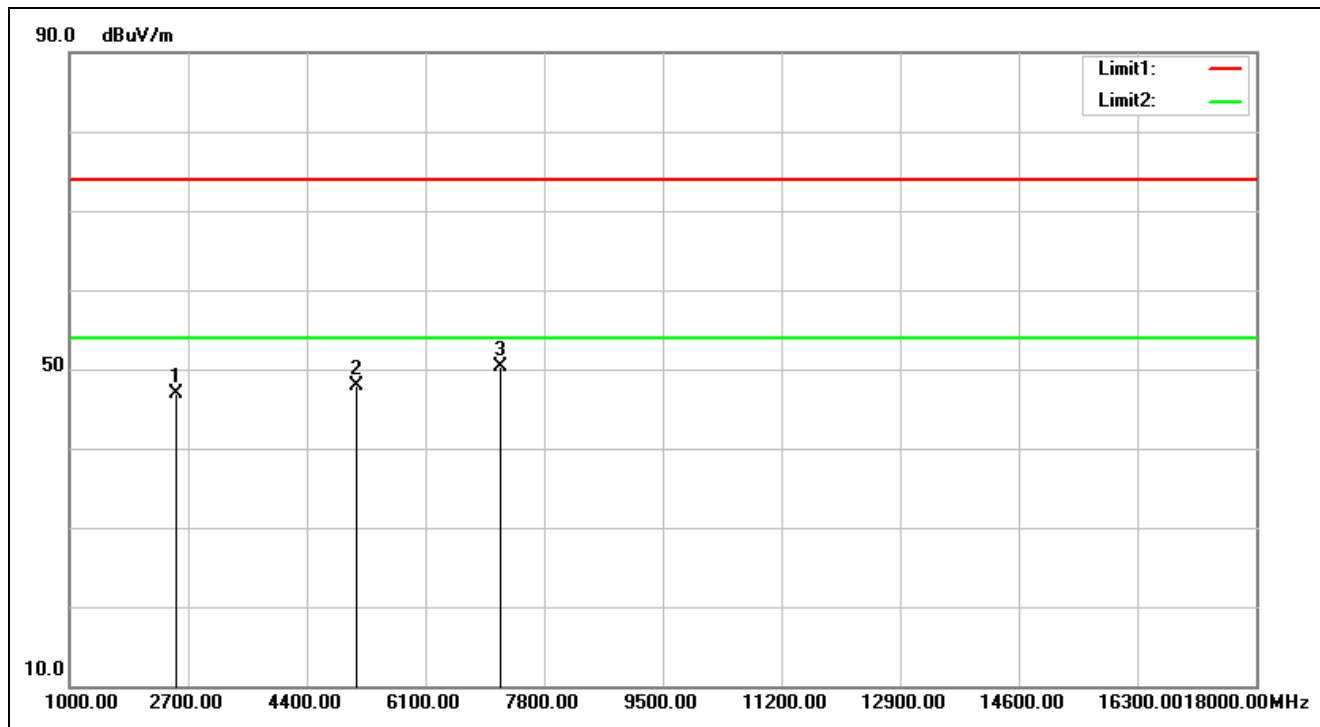
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Test item:	Radiation Emission	Test Time:	2017-6-26 14:31:26
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.32-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2088.000	-8.00	52.50	44.50	74.00	-29.50	peak	100	302	
2	6644.000	4.42	45.51	49.93	74.00	-24.07	peak	100	217	
3	9041.000	5.83	44.98	50.81	74.00	-23.19	peak	100	233	



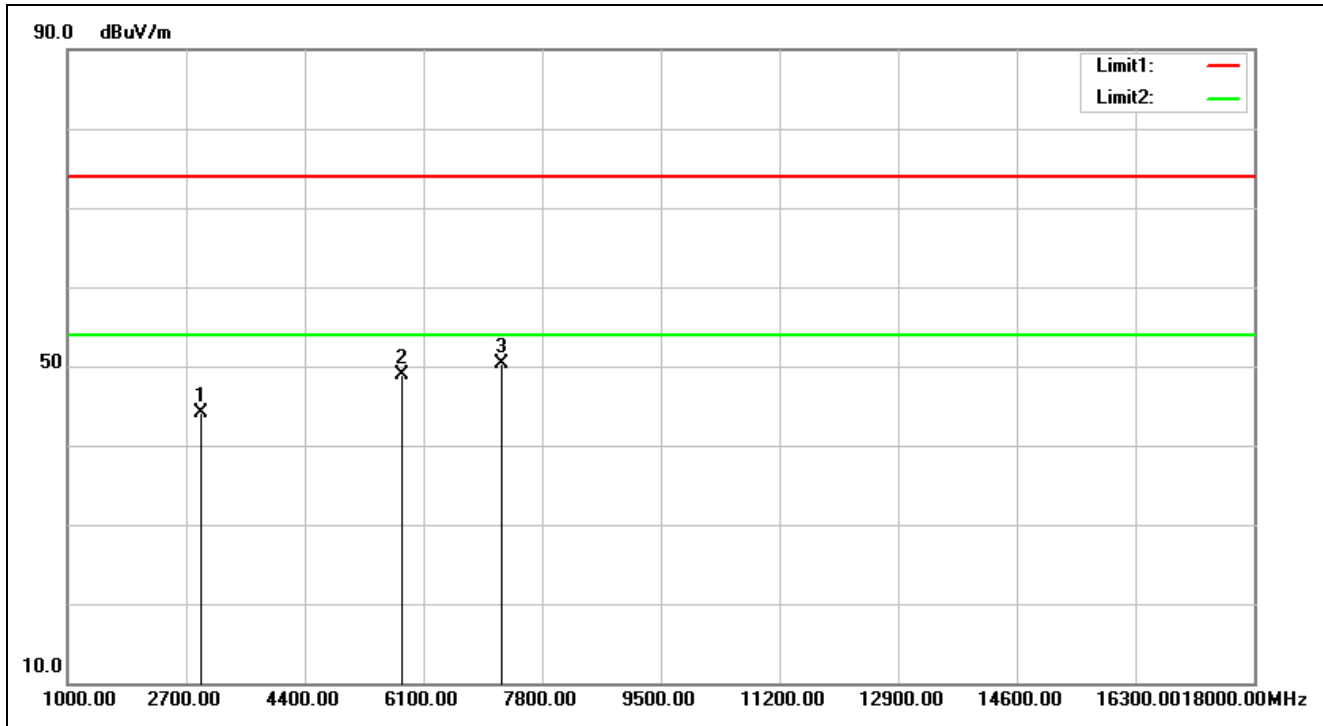
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Test item:	Radiation Emission	Test Time:	2017-6-26 14:32:49
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-5.21	51.45	46.24	74.00	-27.76	peak	100	61	
2	6729.000	4.30	46.08	50.38	74.00	-23.62	peak	100	45	
3	9041.000	5.83	45.46	51.29	74.00	-22.71	peak	100	77	



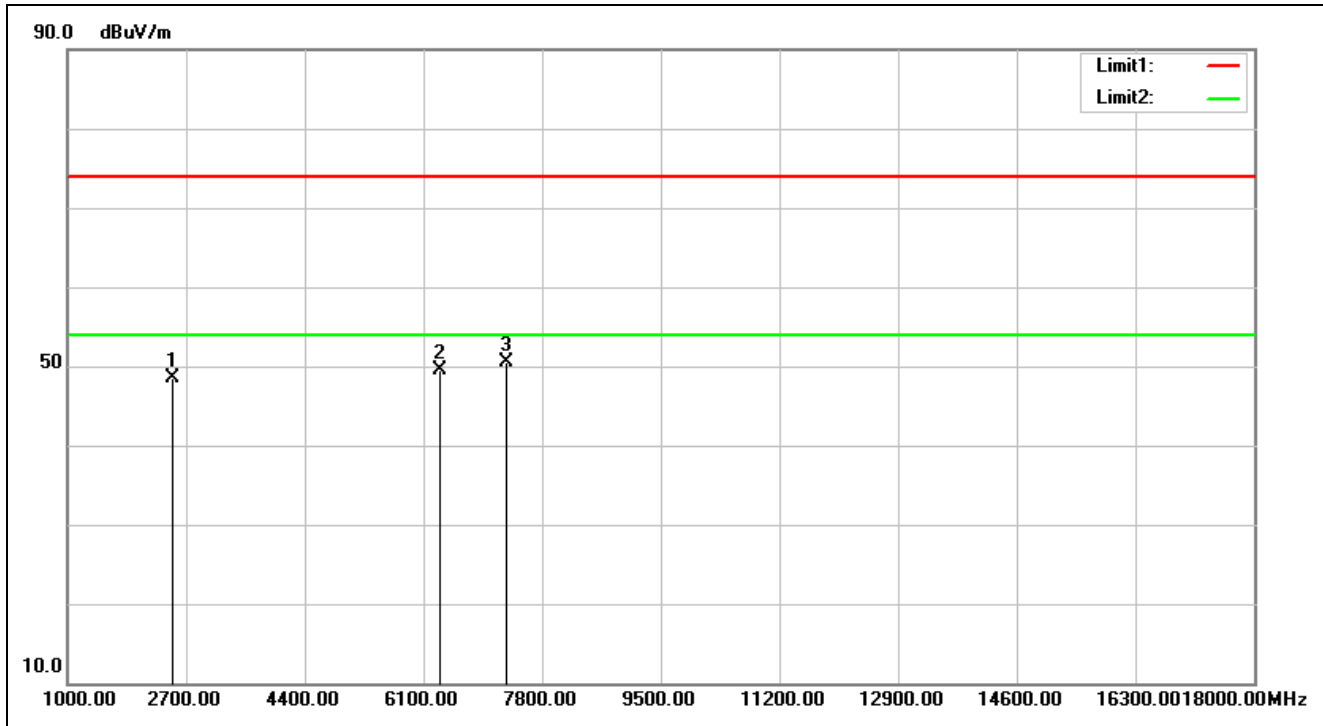
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Test item:	Radiation Emission	Test Time:	2017-6-26 14:33:52
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
Test Mode:	LRP-62.64-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2530.000	-7.87	54.86	46.99	74.00	-27.01	peak	100	100	
2	5114.000	-2.64	50.48	47.84	74.00	-26.16	peak	100	120	
3	7171.000	4.44	45.93	50.37	74.00	-23.63	peak	100	186	



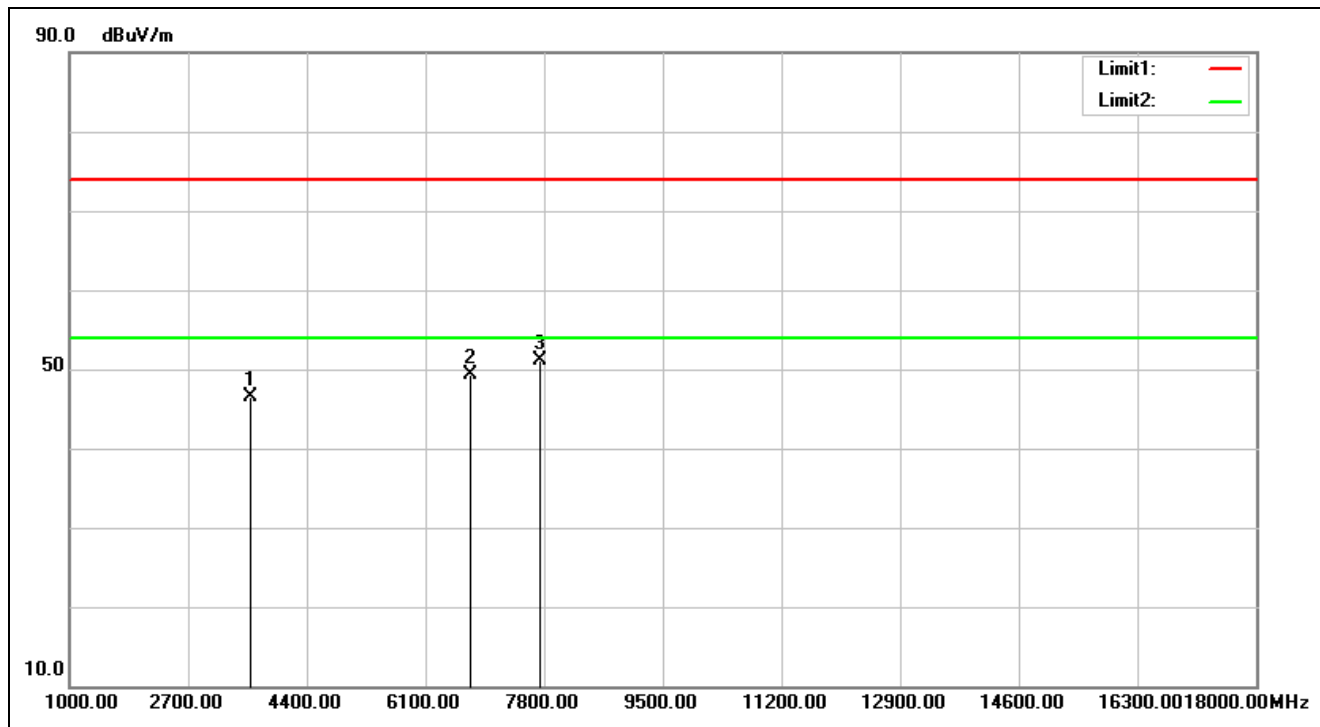
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:35:42
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	2921.000	-7.10	51.15	44.05	74.00	-29.95	peak	100	265	
2	5794.000	1.44	47.53	48.97	74.00	-25.03	peak	100	97	
3	7222.000	4.60	45.68	50.28	74.00	-23.72	peak	100	240	



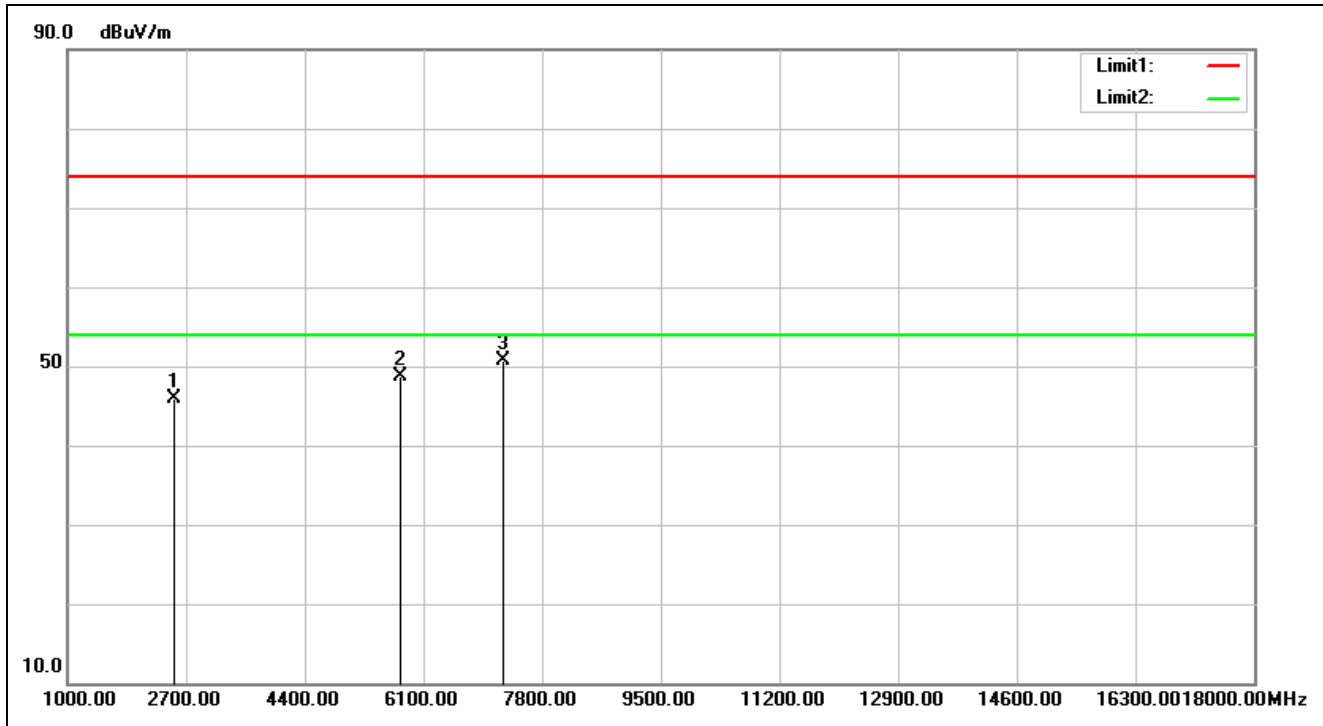
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:36:45
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	2513.000	-7.90	56.49	48.59	74.00	-25.41	peak	100	266	
2	6338.000	4.04	45.51	49.55	74.00	-24.45	peak	100	111	
3	7290.000	4.79	45.80	50.59	74.00	-23.41	peak	100	346	



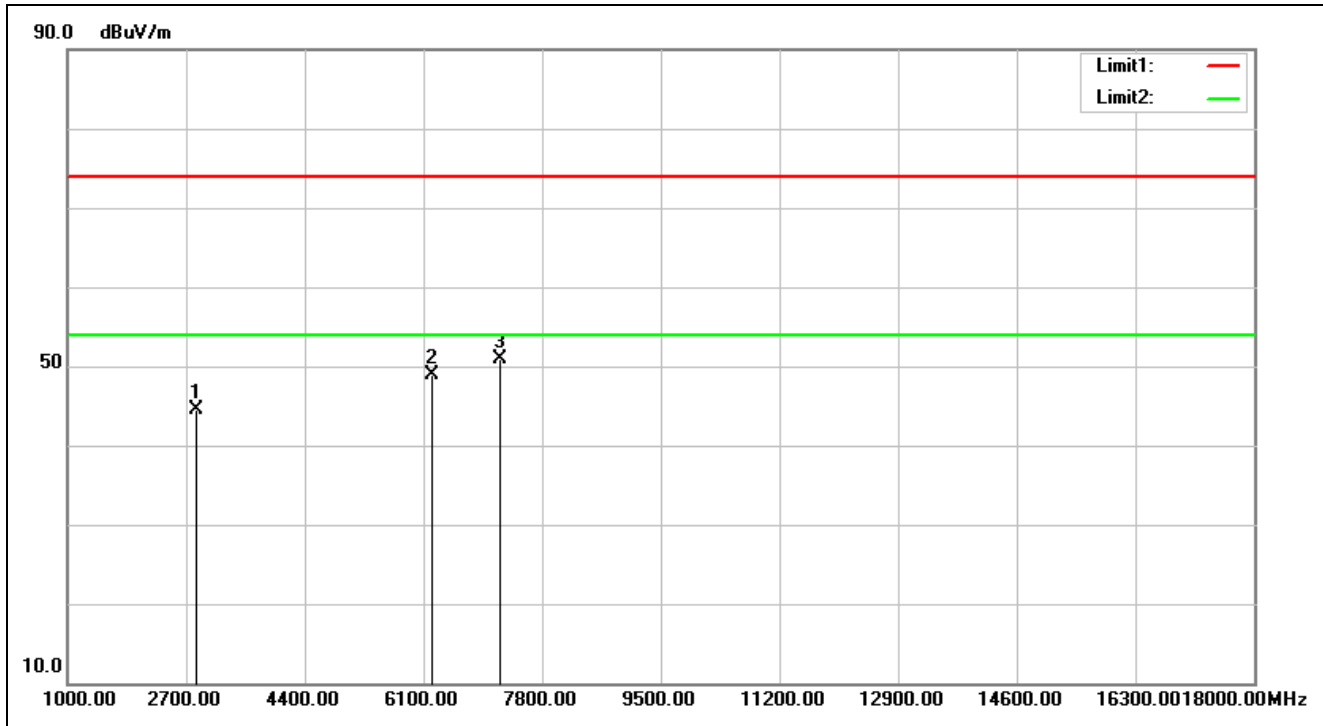
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:27:27
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	3601.000	-6.41	52.95	46.54	74.00	-27.46	peak	100	55	
2	6746.000	4.27	45.06	49.33	74.00	-24.67	peak	100	221	
3	7732.000	5.39	45.80	51.19	74.00	-22.81	peak	100	227	



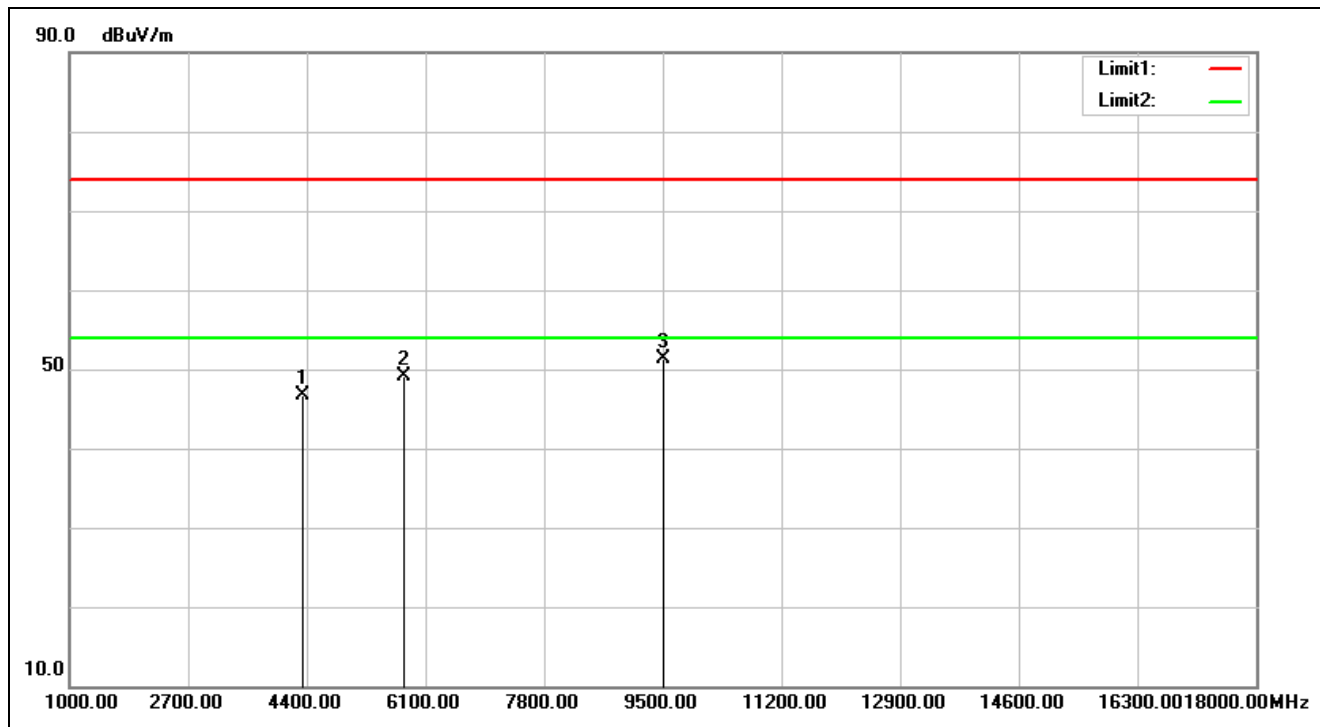
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:28:29
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
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	2530.000	-7.87	53.78	45.91	74.00	-28.09	peak	100	64	
2	5760.000	1.20	47.42	48.62	74.00	-25.38	peak	100	170	
3	7239.000	4.64	46.04	50.68	74.00	-23.32	peak	100	200	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:38:38
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-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	2853.000	-7.24	51.81	44.57	74.00	-29.43	peak	100	33	
2	6219.000	3.63	45.21	48.84	74.00	-25.16	peak	100	77	
3	7205.000	4.54	46.33	50.87	74.00	-23.13	peak	100	191	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:39:40
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	4349.000	-4.45	51.20	46.75	74.00	-27.25	peak	100	78	
2	5794.000	1.44	47.65	49.09	74.00	-24.91	peak	100	360	
3	9517.000	5.48	45.82	51.30	74.00	-22.70	peak	100	357	

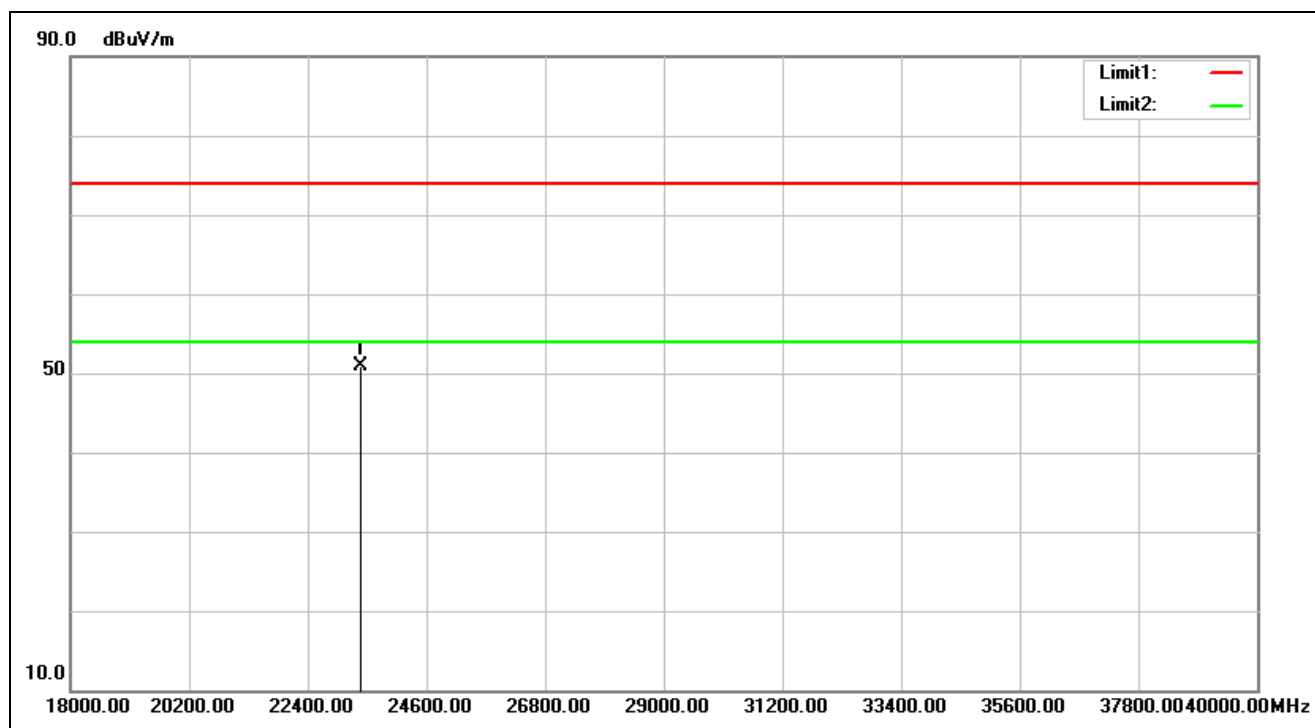
Spurious Emissions, TX Mode, 18-40G



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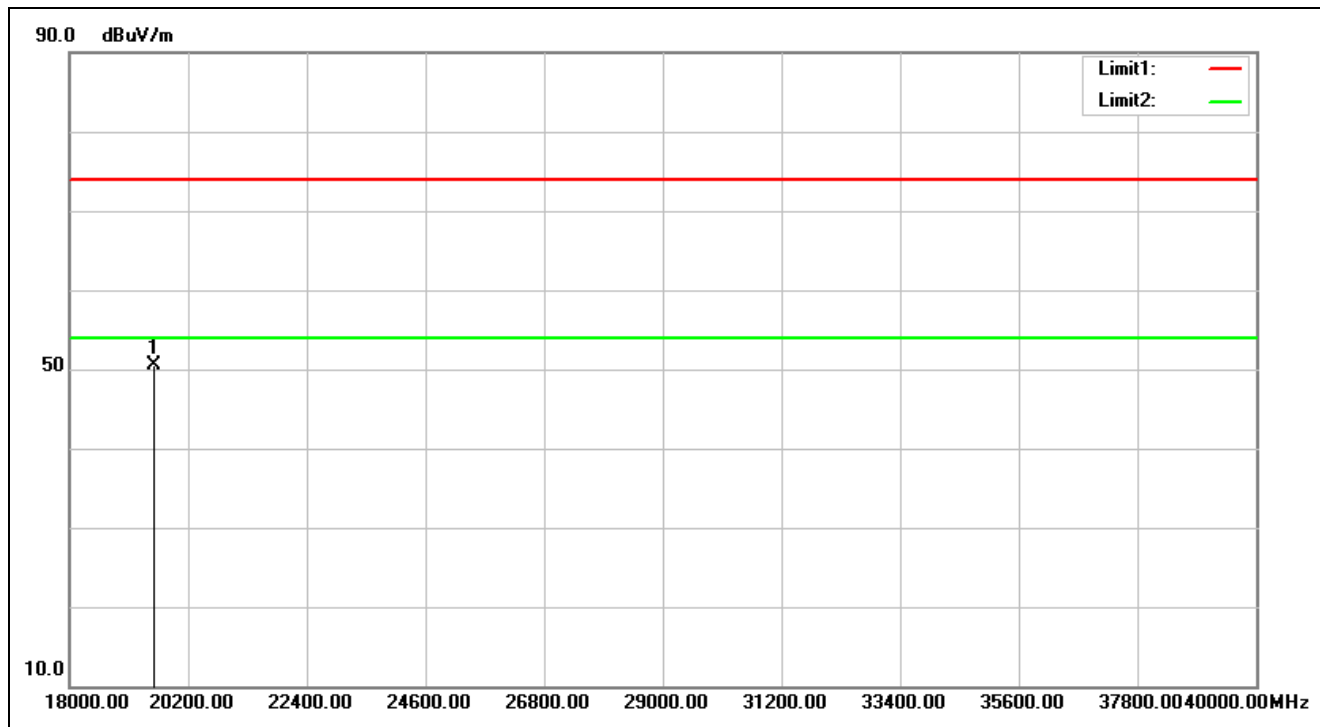
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:00:10
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
Test Mode:	LRP-60.16-TX		
Remark:			

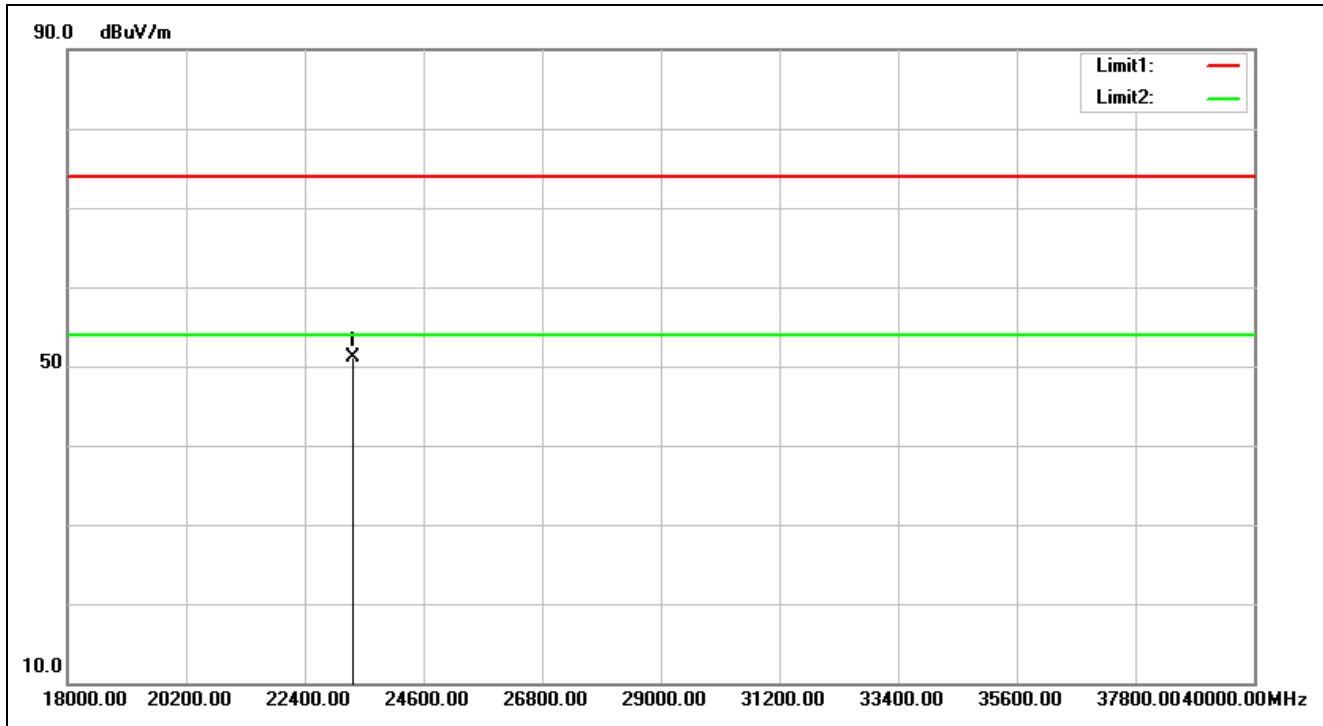
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23390.000	32.75	18.06	50.81	74.00	-23.19	peak		0	

Spurious Emissions, TX Mode, 30M-1G



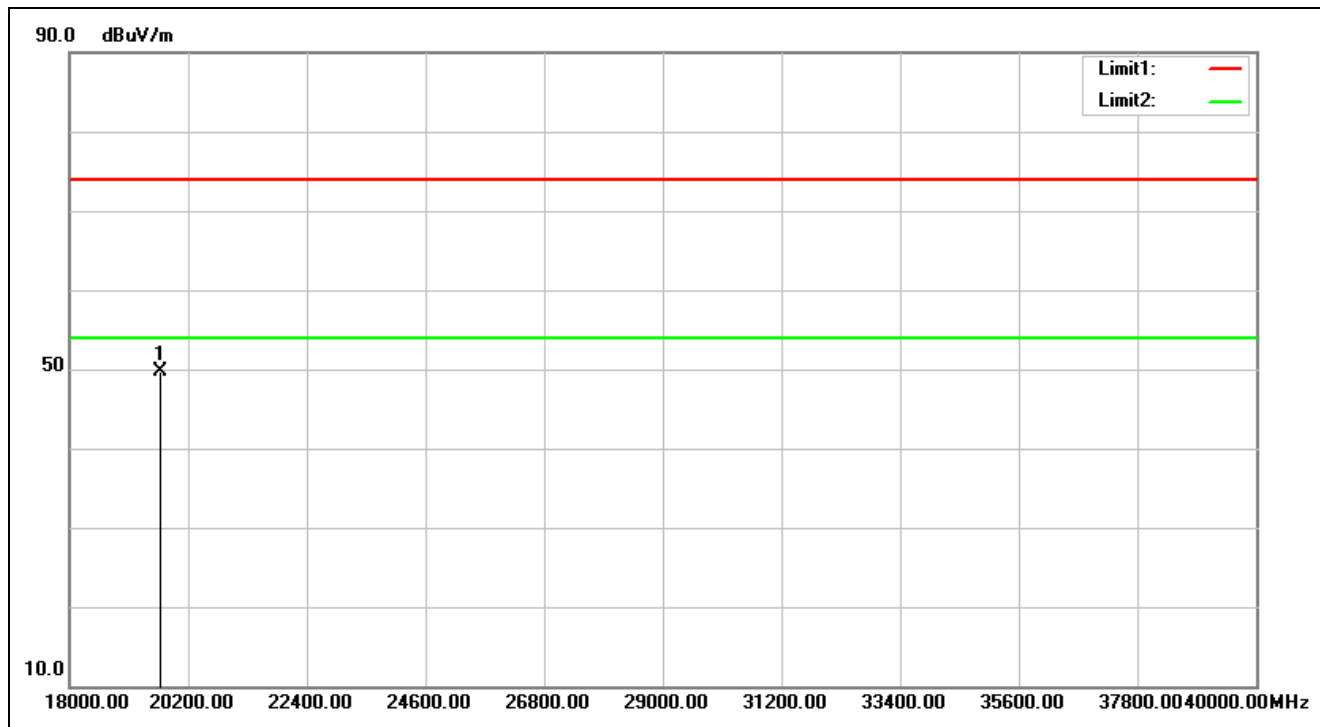
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:00:21
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	19562.000	31.26	19.29	50.55	74.00	-23.45	peak			



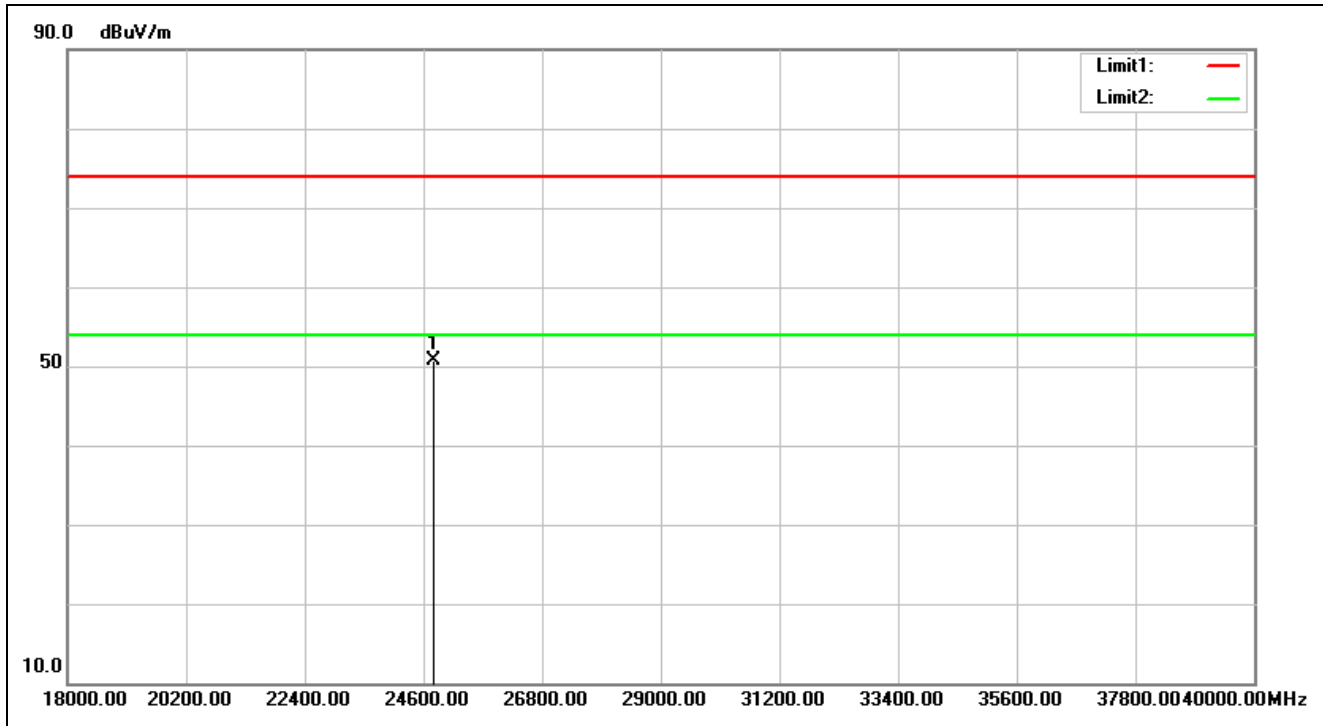
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:00:37
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	23302.000	32.70	18.49	51.19	74.00	-22.81	peak			



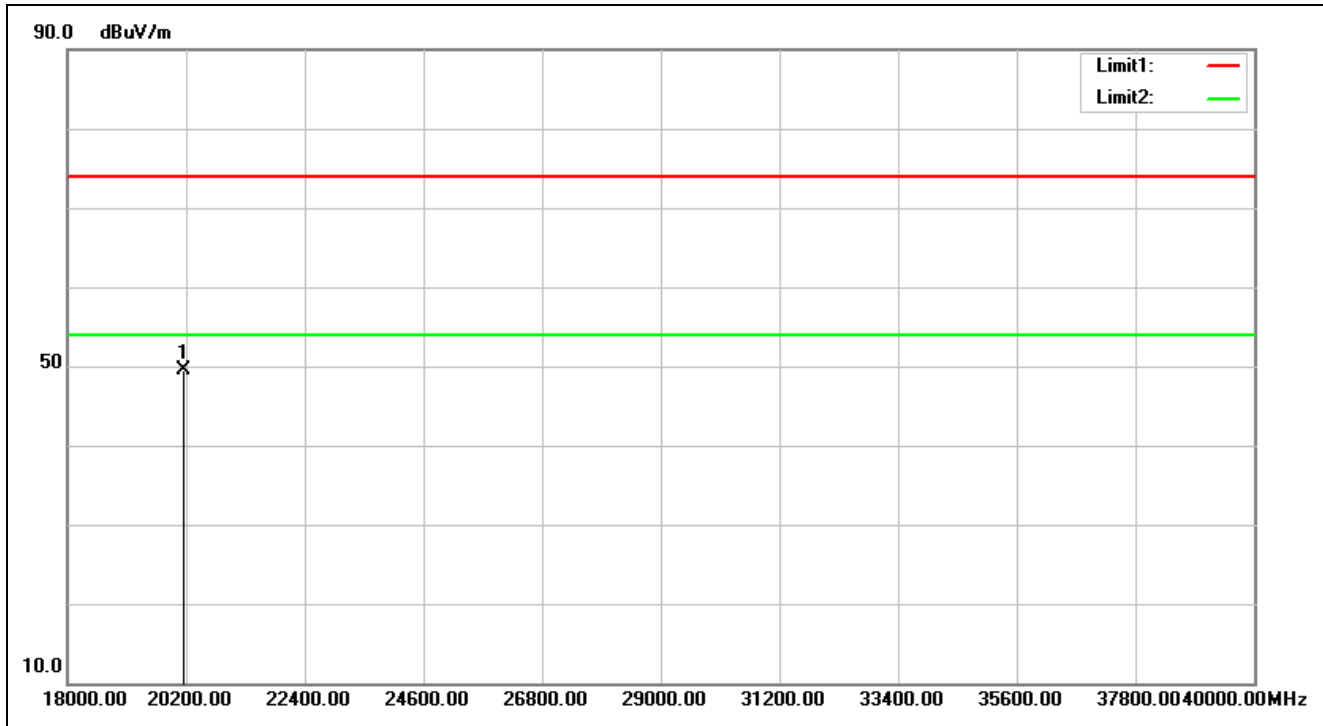
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:00:49
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	19672.000	31.31	18.37	49.68	74.00	-24.32	peak			



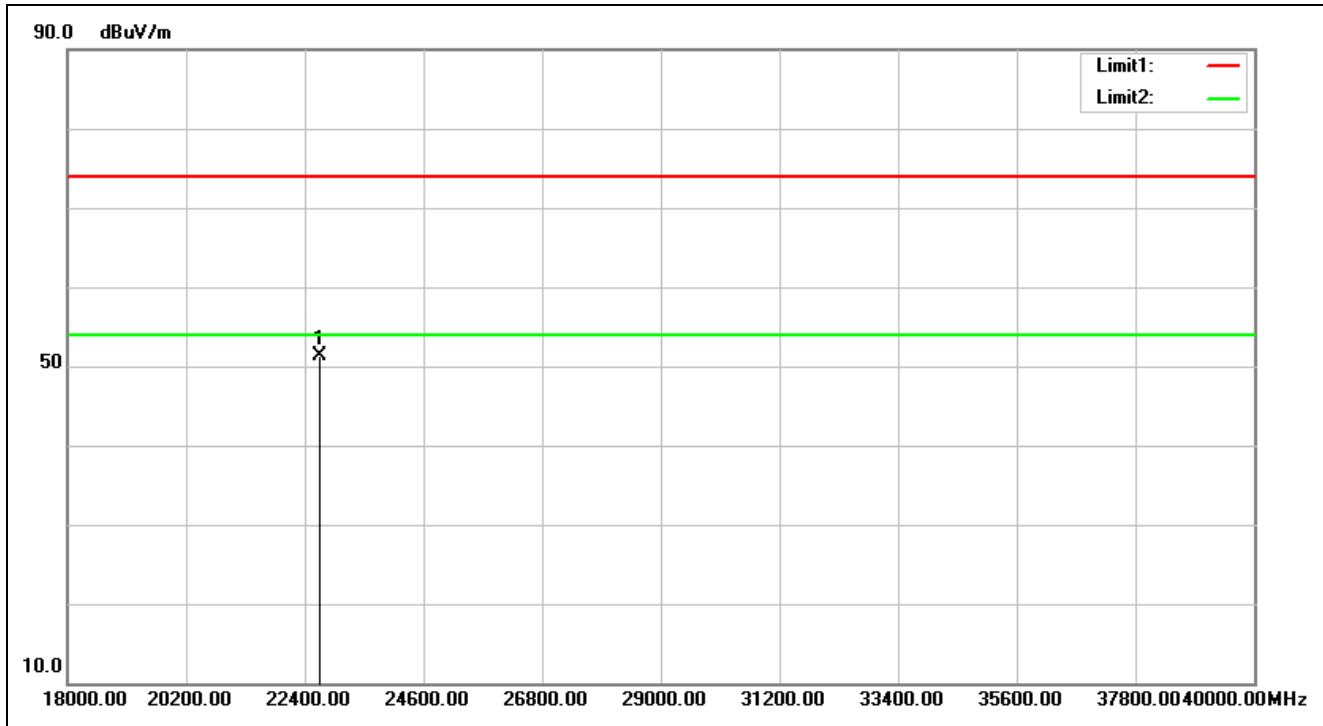
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:01:03
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	24776.000	33.51	17.20	50.71	74.00	-23.29	peak			



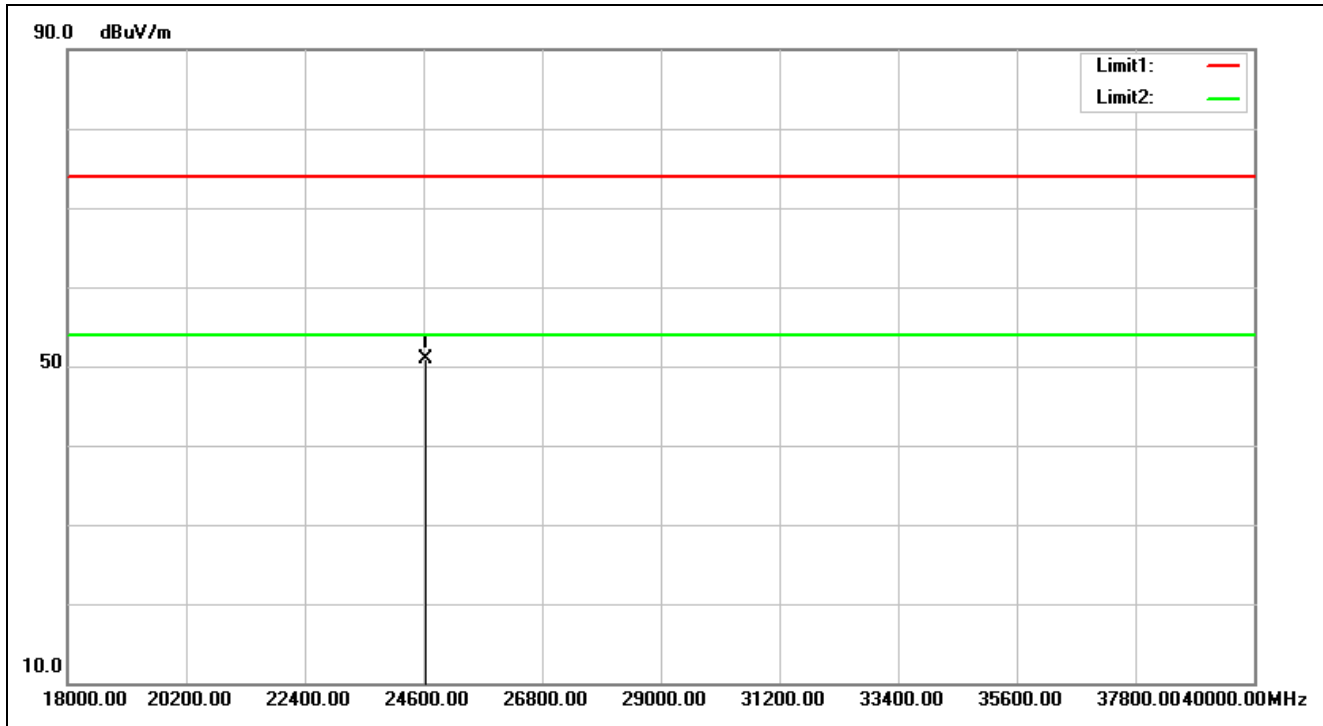
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:01:15
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	20156.000	31.55	17.95	49.50	74.00	-24.50	peak			



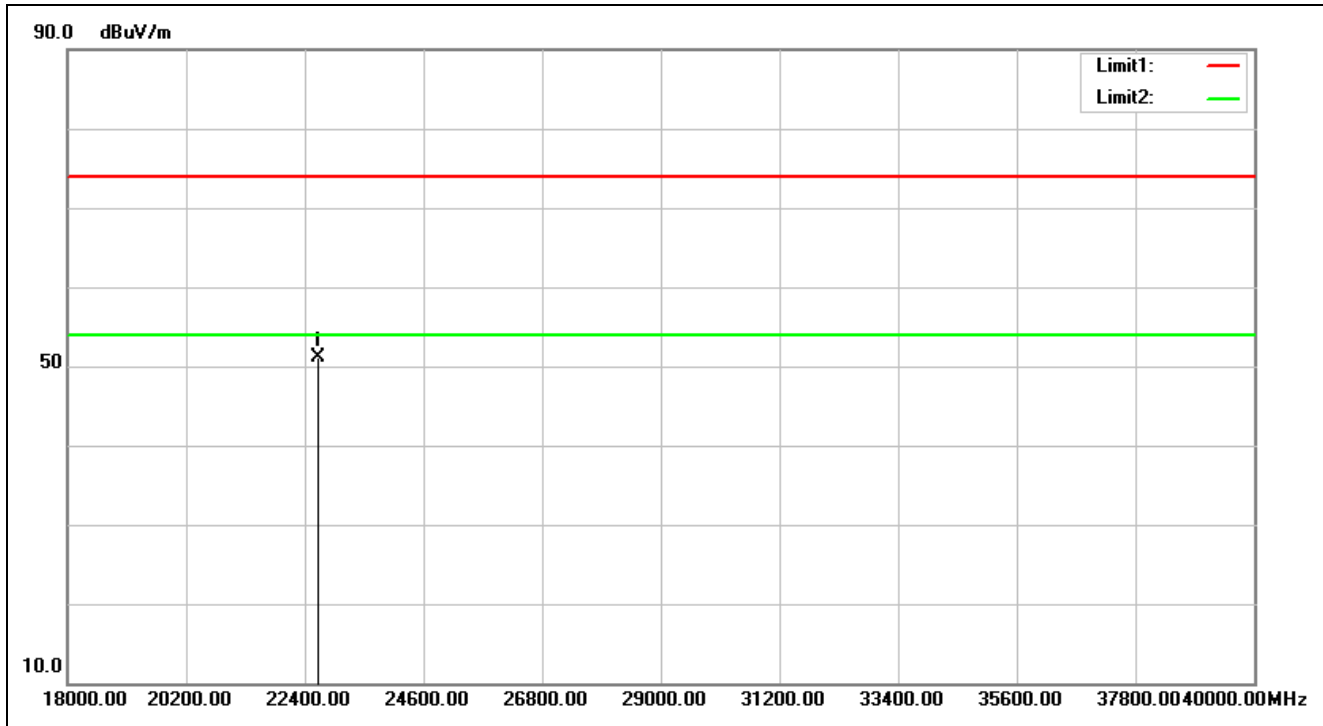
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:02:01
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	22664.000	32.75	18.58	51.33	74.00	-22.67	peak			



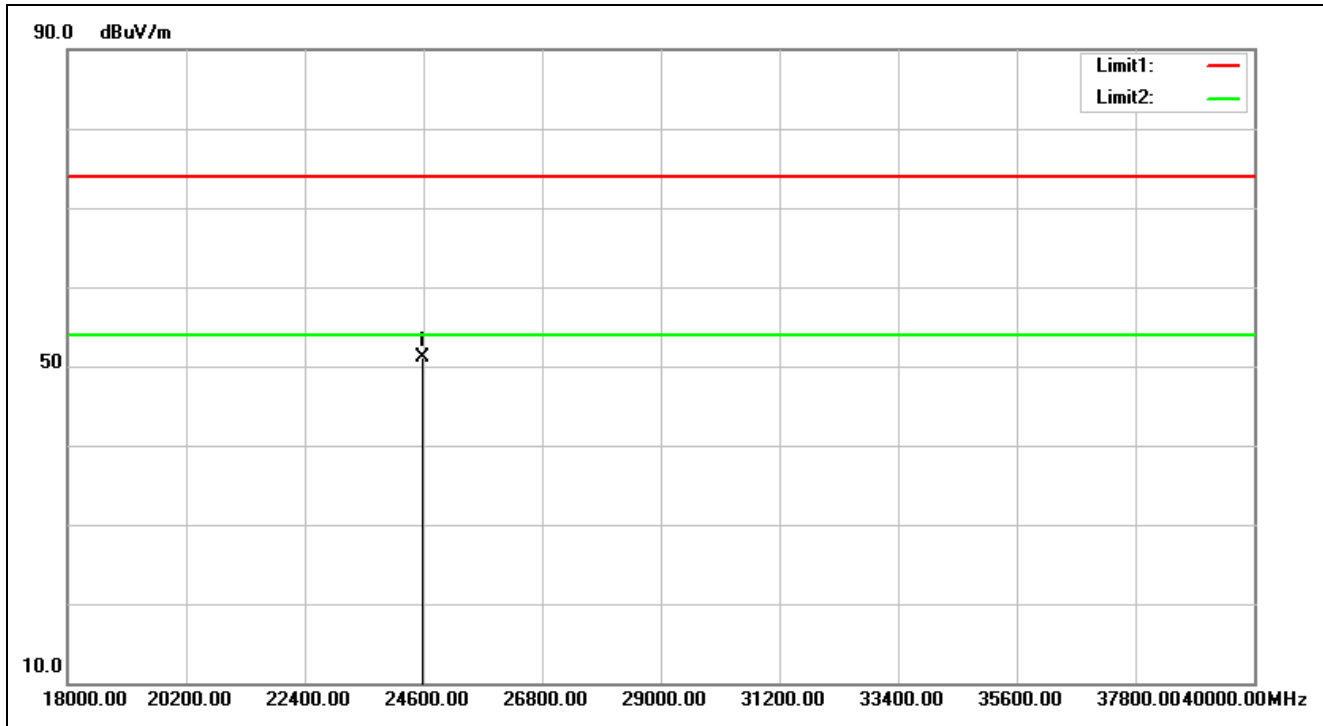
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:02:10
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	24644.000	33.21	17.72	50.93	74.00	-23.07	peak			



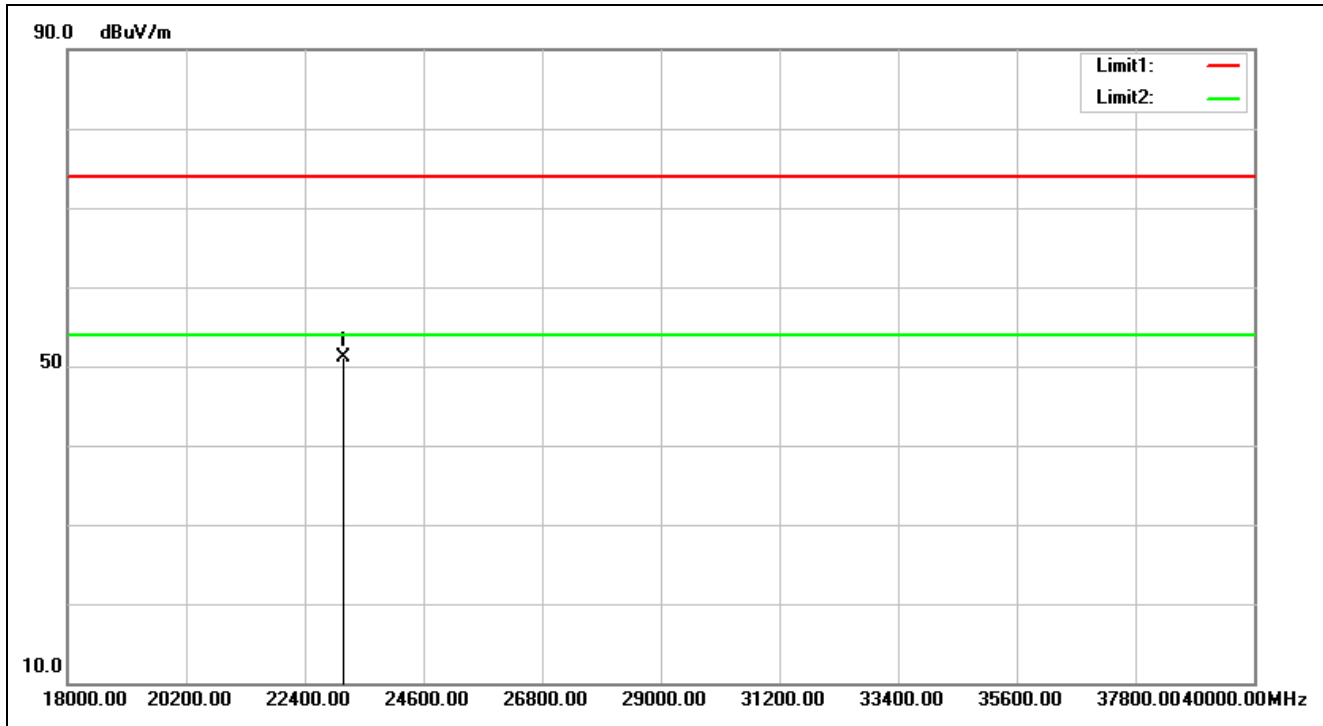
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:02:20
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	22642.000	32.77	18.28	51.05	74.00	-22.95	peak			



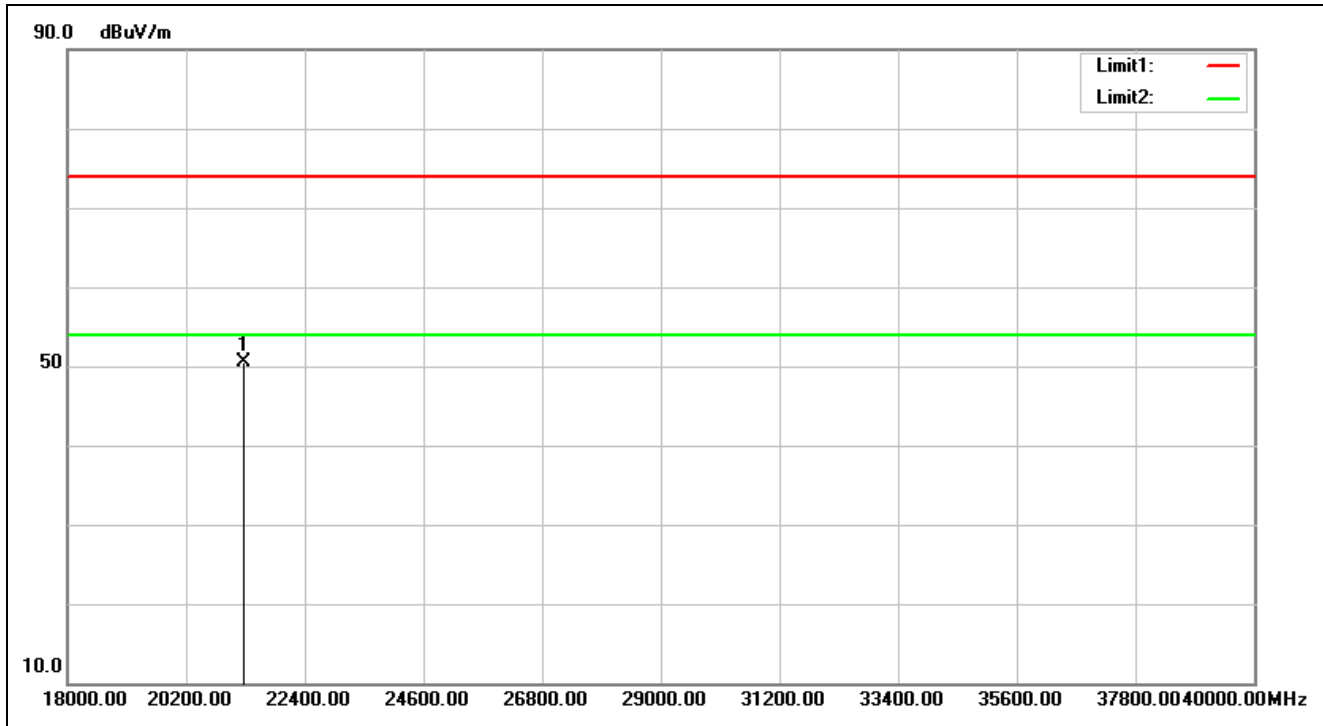
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:02:30
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	24578.000	33.06	17.97	51.03	74.00	-22.97	peak			



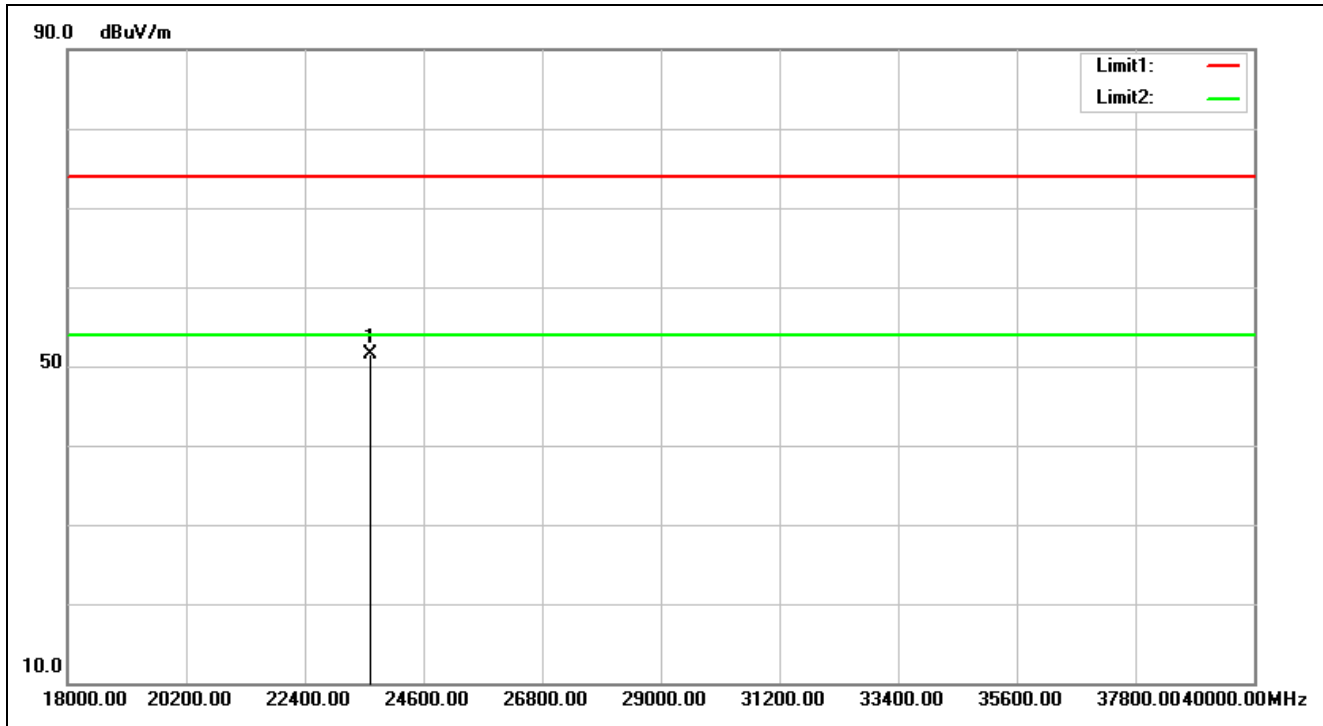
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:03:08
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	23126.000	32.60	18.59	51.19	74.00	-22.81	peak			



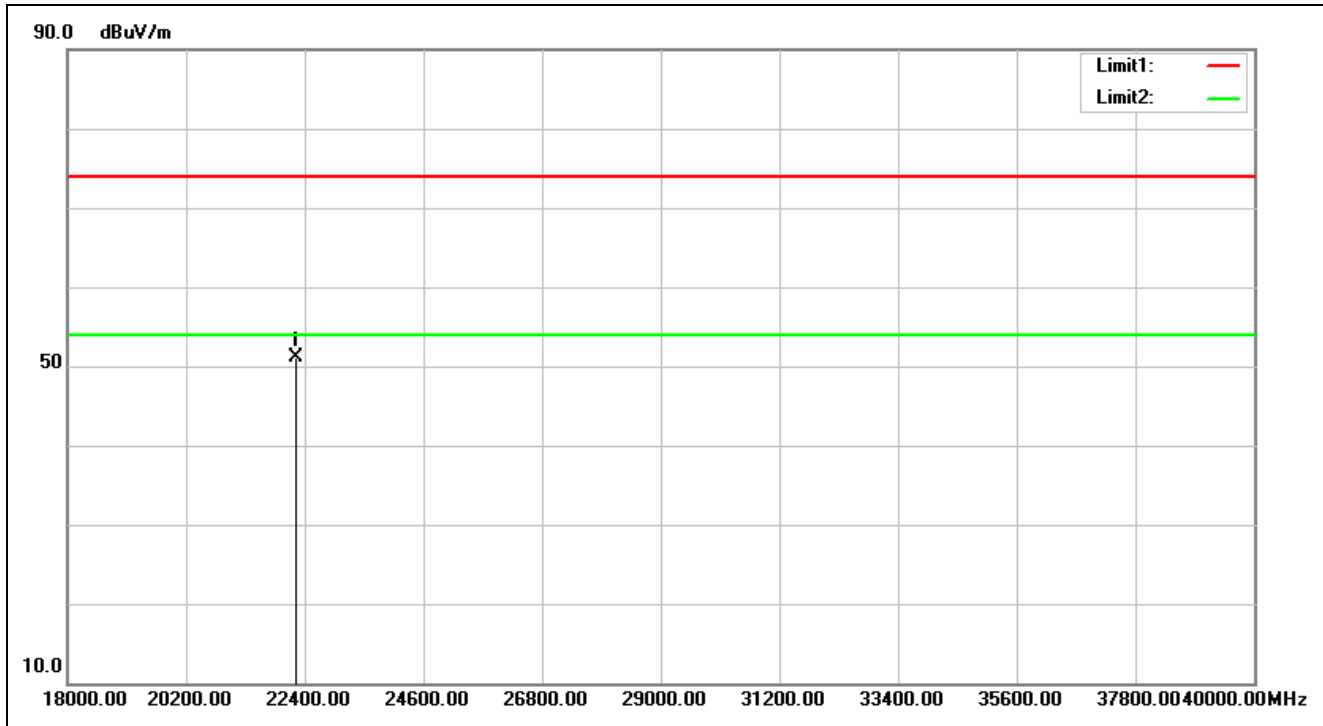
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:03:17
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	21256.000	32.30	18.11	50.41	74.00	-23.59	peak			



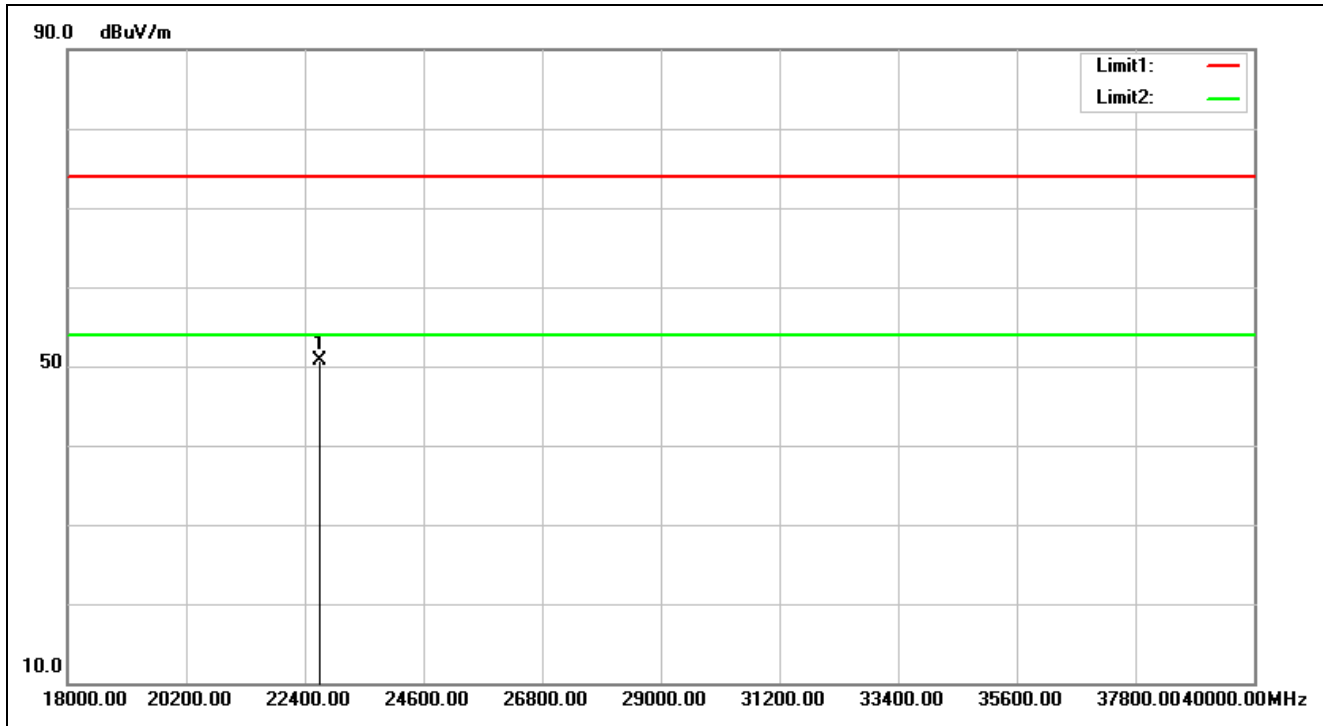
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:01:32
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	23610.000	32.62	18.97	51.59	74.00	-22.41	peak			



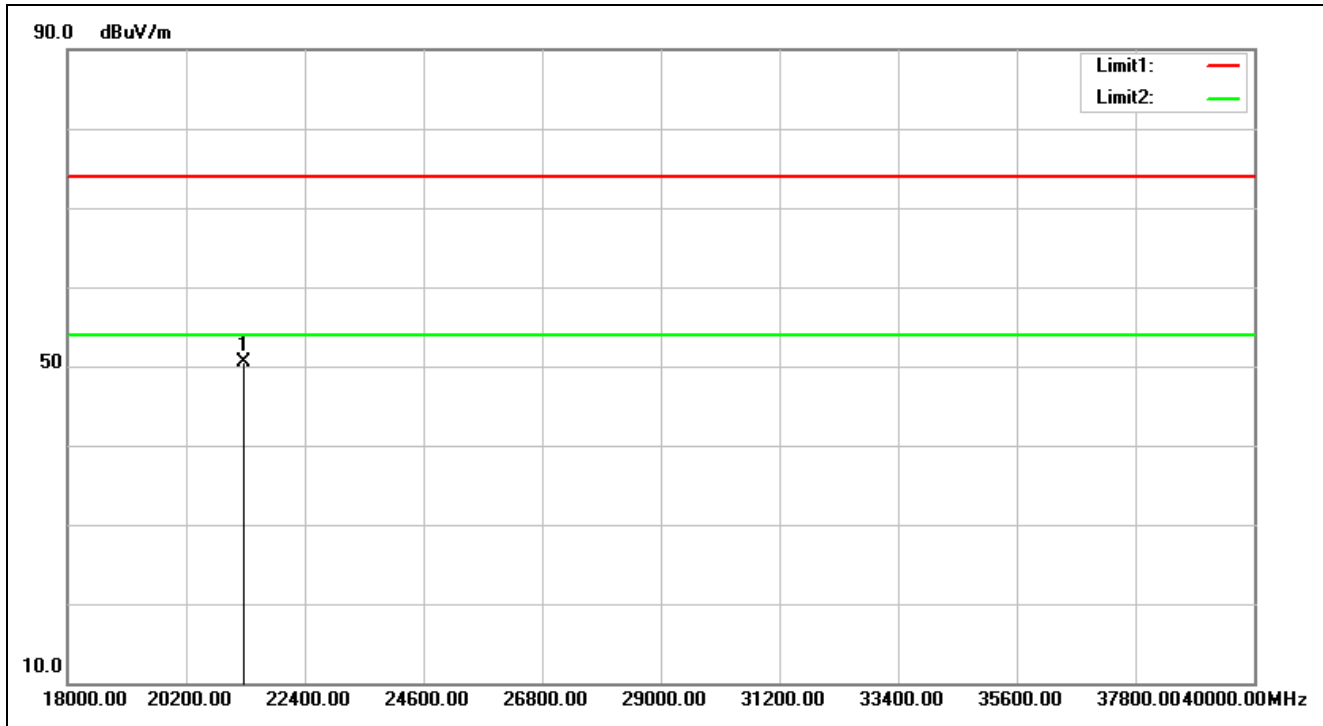
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:01:42
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George 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	22246.000	32.99	18.05	51.04	74.00	-22.96	peak			



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 15:03:38
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	22686.000	32.74	18.00	50.74	74.00	-23.26	peak			



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 15:03:48
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	21256.000	32.30	18.12	50.42	74.00	-23.58	peak			

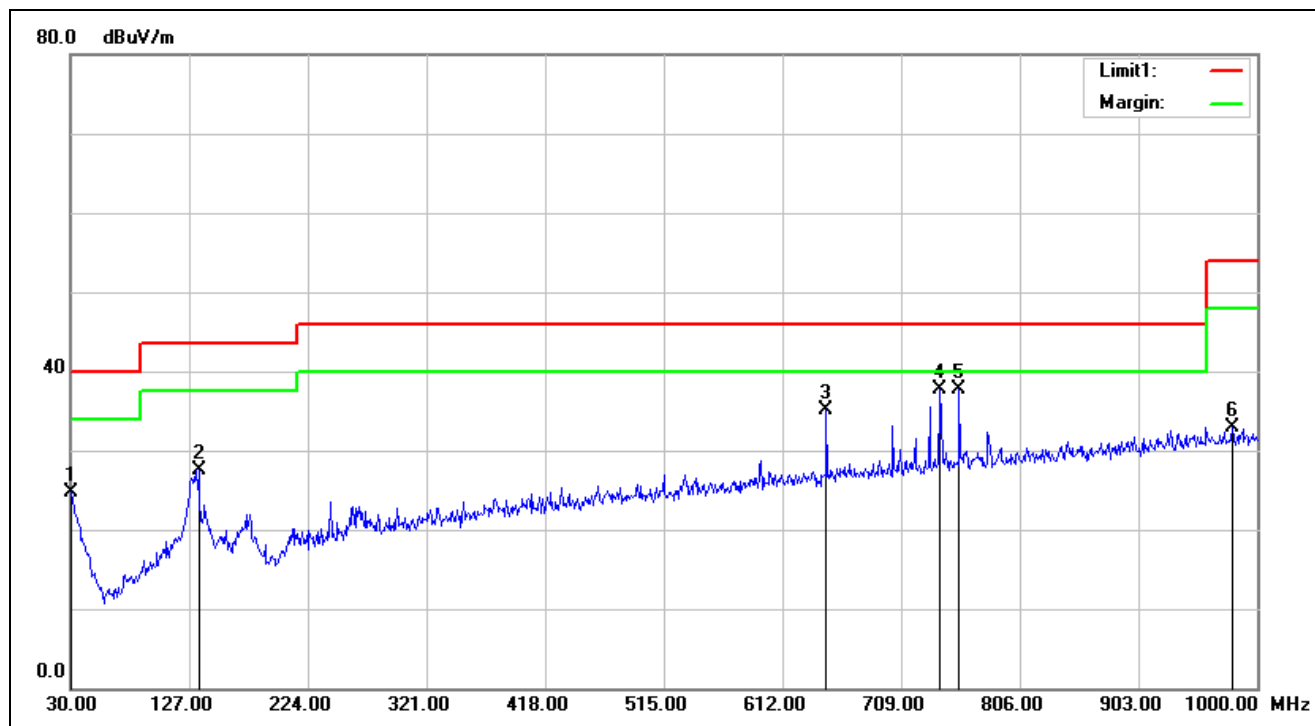
Spurious Emissions, TX Mode, 30M-1G



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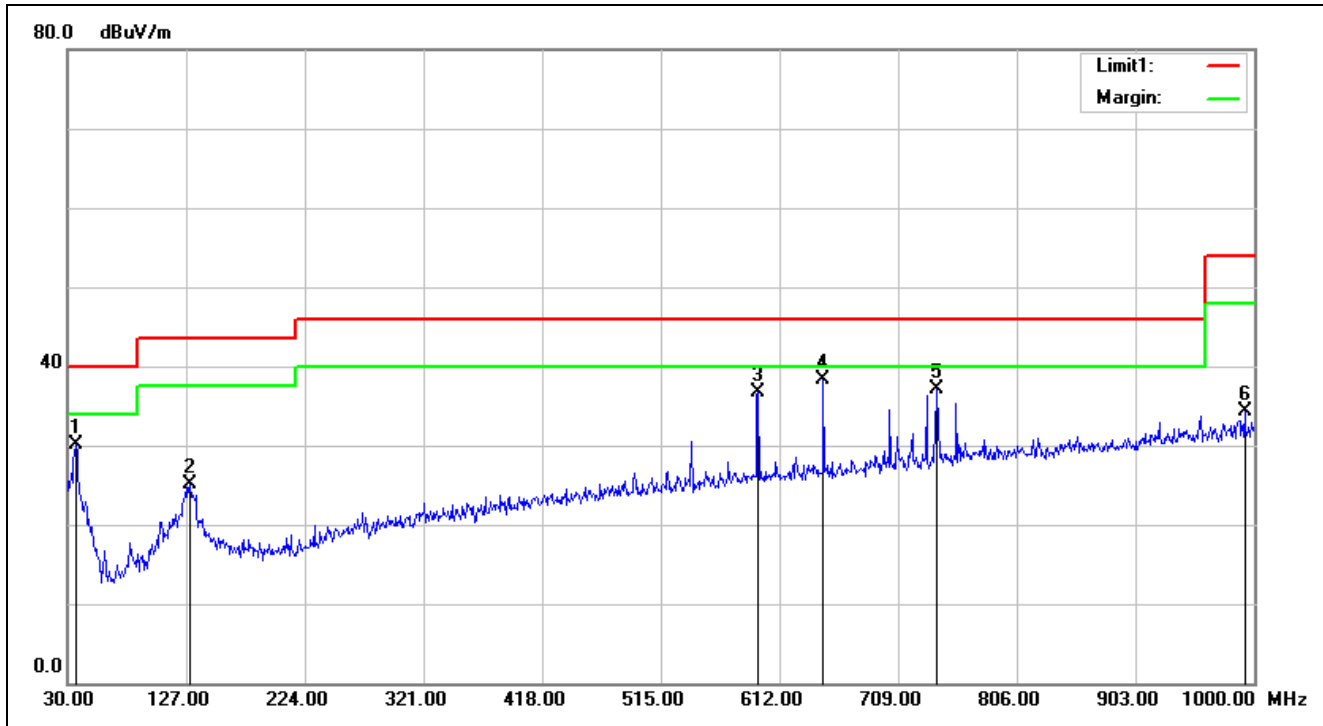
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Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 13:52:48
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	George Yang
Test Mode:	MRP-60.48-TX		
Remark:			

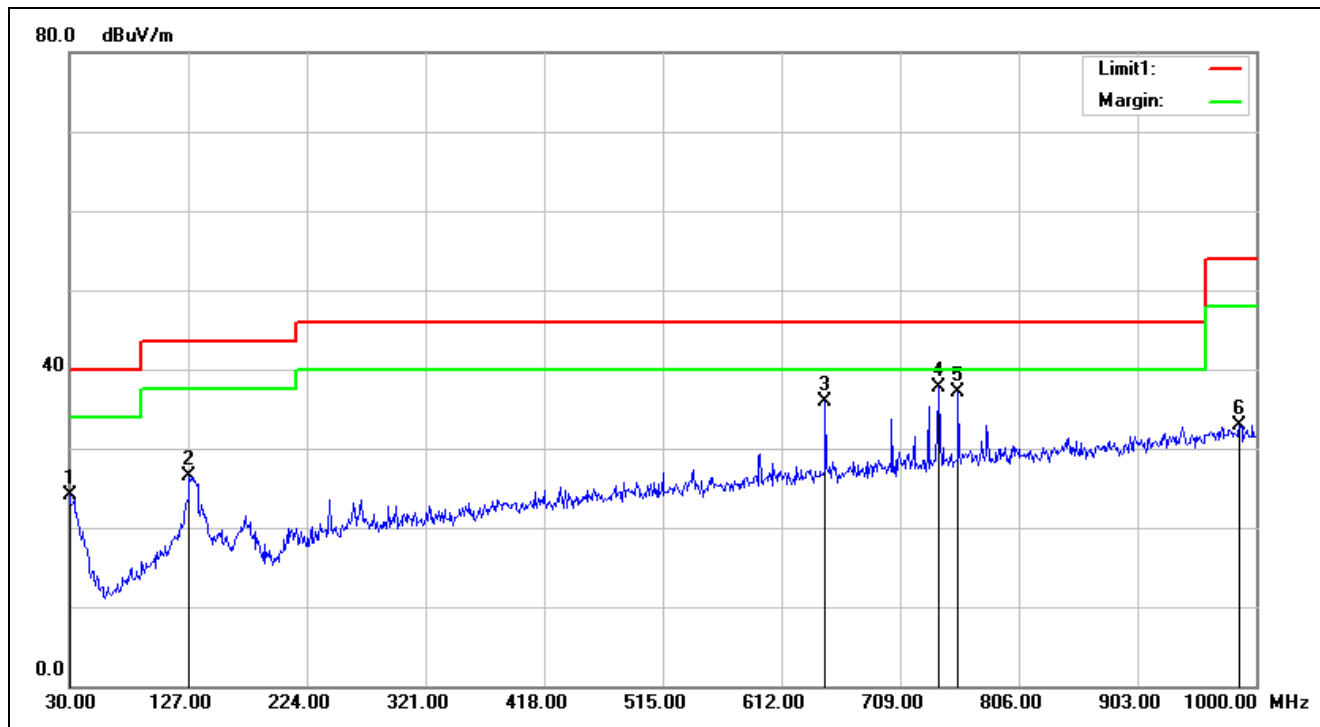
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	24.68	24.61	40.00	-15.39	QP	100	329	
2	134.7600	-6.98	34.49	27.51	43.50	-15.99	QP	100	172	
3	647.8900	0.51	34.56	35.07	46.00	-10.93	QP	100	163	
4	741.0100	2.11	35.50	37.61	46.00	-8.39	QP	100	94	
5	756.5300	2.41	35.28	37.69	46.00	-8.31	QP	100	108	
6	979.6300	5.65	27.25	32.90	54.00	-21.10	QP	100	213	

Spurious Emissions, TX Mode, 30M-1G



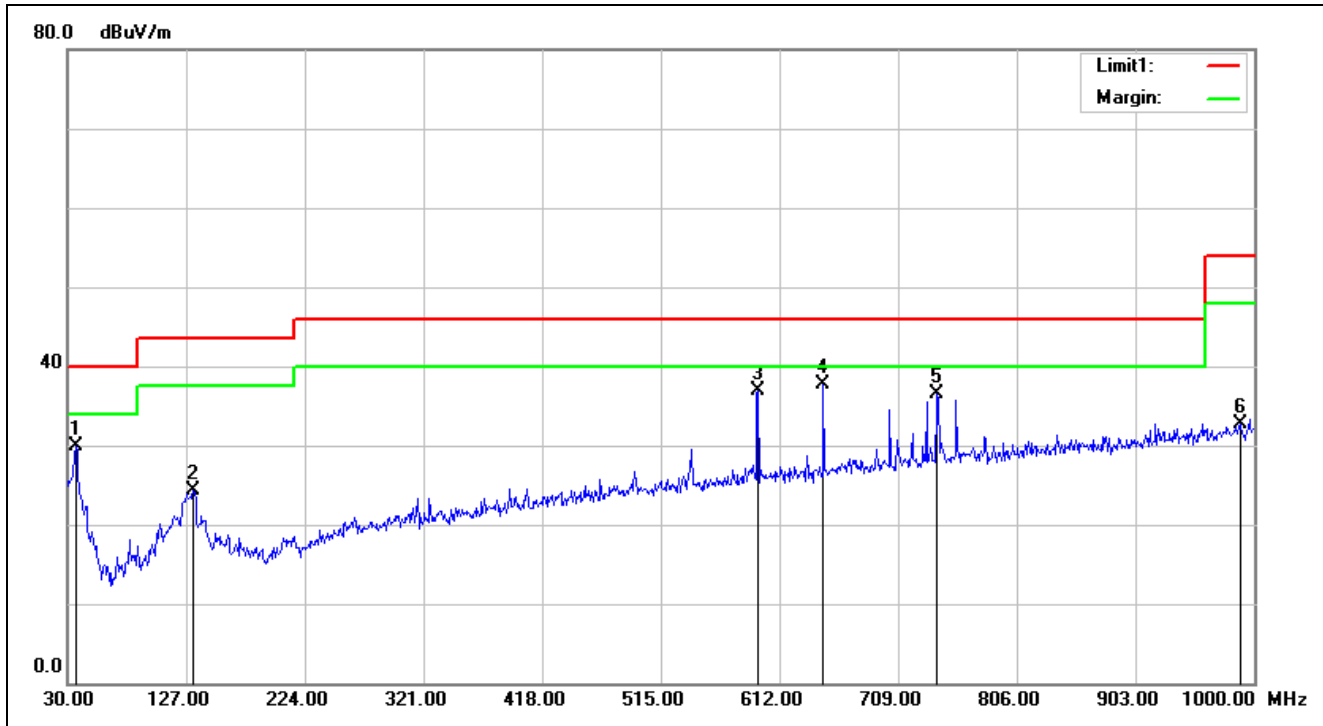
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 13:53:51
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-1	Test Engineer:	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	36.7900	-3.96	34.08	30.12	40.00	-9.88	QP	100	0	
2	129.9100	-6.96	32.08	25.12	43.50	-18.38	QP	100	141	
3	594.5400	-0.08	36.76	36.68	46.00	-9.32	QP	100	213	
4	647.8900	0.51	37.75	38.26	46.00	-7.74	QP	100	194	
5	741.0100	2.11	34.92	37.03	46.00	-8.97	QP	100	180	
6	992.2400	5.77	28.50	34.27	54.00	-19.73	QP	100	147	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017-6-26 14:02:21
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.4(°C)/50%
Model No.:	RX-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	-0.07	24.20	24.13	40.00	-15.87	QP	100	174	
2	127.9700	-7.04	33.49	26.45	43.50	-17.05	QP	100	158	
3	647.8900	0.51	35.47	35.98	46.00	-10.02	QP	100	166	
4	741.0100	2.11	35.67	37.78	46.00	-8.22	QP	100	89	
5	756.5300	2.41	34.64	37.05	46.00	-8.95	QP	100	92	
6	986.4200	5.72	27.23	32.95	54.00	-21.05	QP	100	241	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017-6-26 14:03:25
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.4(°C)/50%
Model No.:	RX-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	36.7900	-3.96	33.91	29.95	40.00	-10.05	QP	100	171	
2	132.8200	-6.97	31.31	24.34	43.50	-19.16	QP	100	108	
3	594.5400	-0.08	36.98	36.90	46.00	-9.10	QP	100	218	
4	647.8900	0.51	37.18	37.69	46.00	-8.31	QP	100	282	
5	741.0100	2.11	34.47	36.58	46.00	-9.42	QP	100	226	
6	988.3600	5.73	27.06	32.79	54.00	-21.21	QP	100	127	

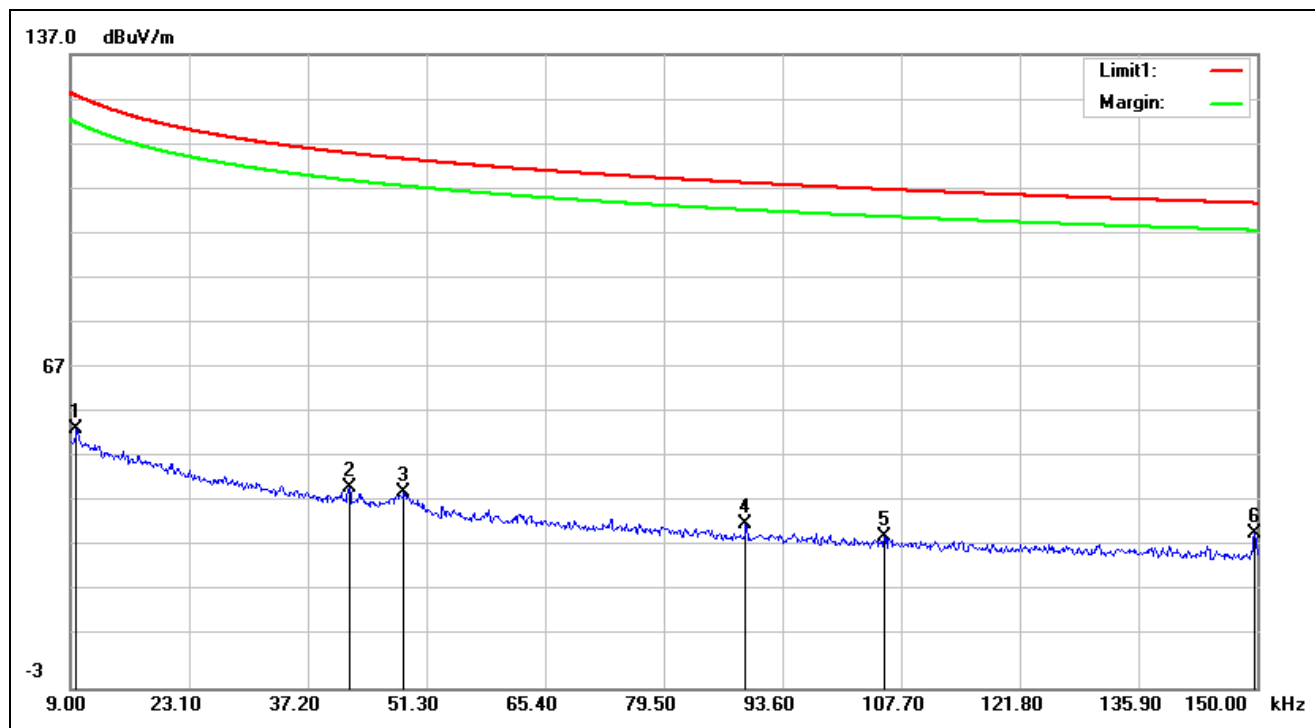
Spurious Emissions, RX Mode, 9k-150k



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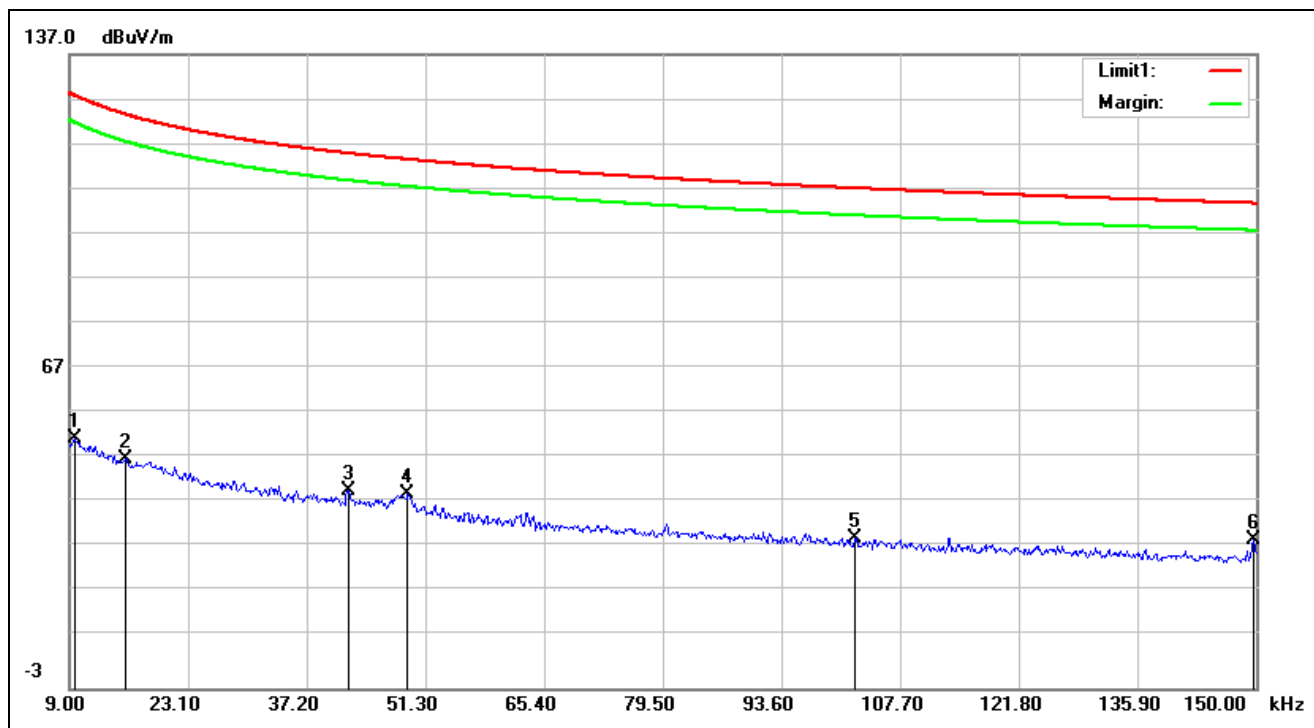
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/6/1 14:16:50
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	0.0097	20.09	34.02	54.11	127.87	-73.76	QP	100	355	
2	0.0421	19.62	21.80	41.42	115.12	-73.70	QP	100	115	
3	0.0486	19.29	20.90	40.19	113.87	-73.68	QP	100	49	
4	0.0892	18.93	14.20	33.13	108.60	-75.47	QP	100	328	
5	0.1057	18.83	11.53	30.36	107.12	-76.76	QP	100	245	
6	0.1497	18.80	12.37	31.17	104.10	-72.93	QP	100	184	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/6/1 14:23:05
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	0.0096	20.01	32.20	52.21	127.96	-75.75	QP	100	3	
2	0.0156	20.30	27.26	47.56	123.74	-76.18	QP	100	322	
3	0.0421	19.62	21.12	40.74	115.12	-74.38	QP	100	205	
4	0.0492	19.26	20.58	39.84	113.77	-73.93	QP	100	32	
5	0.1023	18.84	11.36	30.20	107.41	-77.21	QP	100	248	
6	0.1497	18.80	10.87	29.67	104.10	-74.43	QP	100	351	

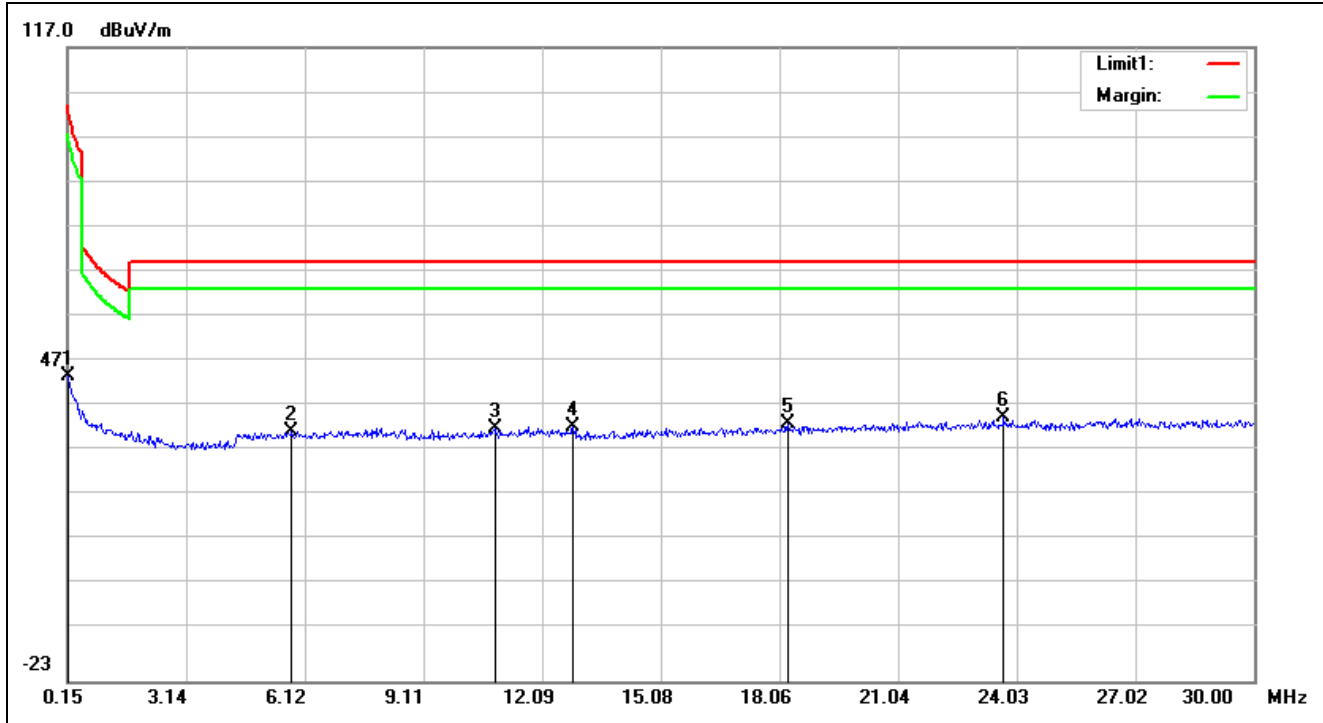
Spurious Emissions, RX Mode, 150k-30M



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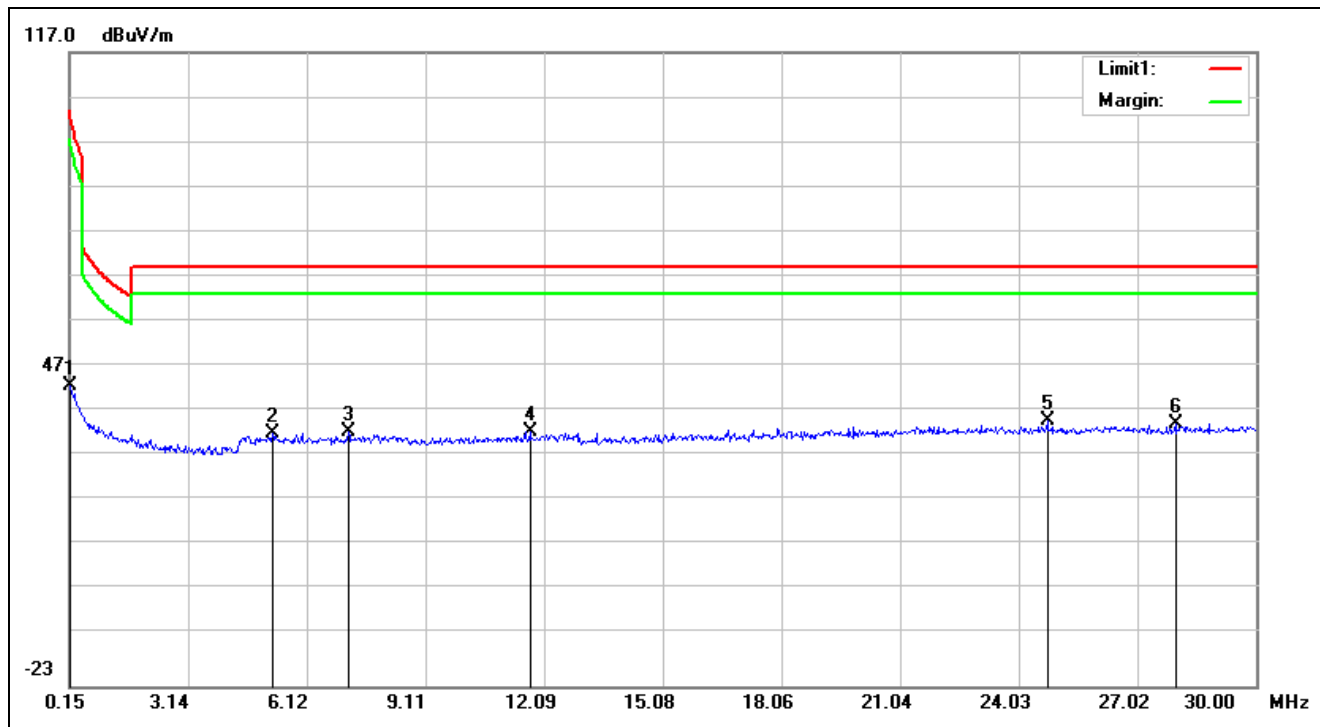
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Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/6/1 14:21:19
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	0.1799	18.77	25.51	44.28	102.50	-58.22	QP	100	112	
2	5.7917	19.73	12.51	32.24	69.54	-37.30	QP	100	251	
3	10.8960	20.50	12.33	32.83	69.54	-36.71	QP	100	261	
4	12.8661	20.73	12.28	33.01	69.54	-36.53	QP	100	232	
5	18.2690	21.35	12.53	33.88	69.54	-35.66	QP	100	296	
6	23.7017	21.82	13.44	35.26	69.54	-34.28	QP	100	27	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC 15.225_9k-30M_3m(dBuV/m)	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/6/1 14:24:38
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	18.80	24.40	43.20	104.08	-60.88	QP	100	78	
2	5.2543	19.64	13.29	32.93	69.54	-36.61	QP	100	16	
3	7.1648	19.95	13.35	33.30	69.54	-36.24	QP	100	325	
4	11.7318	20.59	12.63	33.22	69.54	-36.32	QP	100	192	
5	24.7464	21.89	13.80	35.69	69.54	-33.85	QP	100	174	
6	27.9702	22.13	12.86	34.99	69.54	-34.55	QP	100	269	

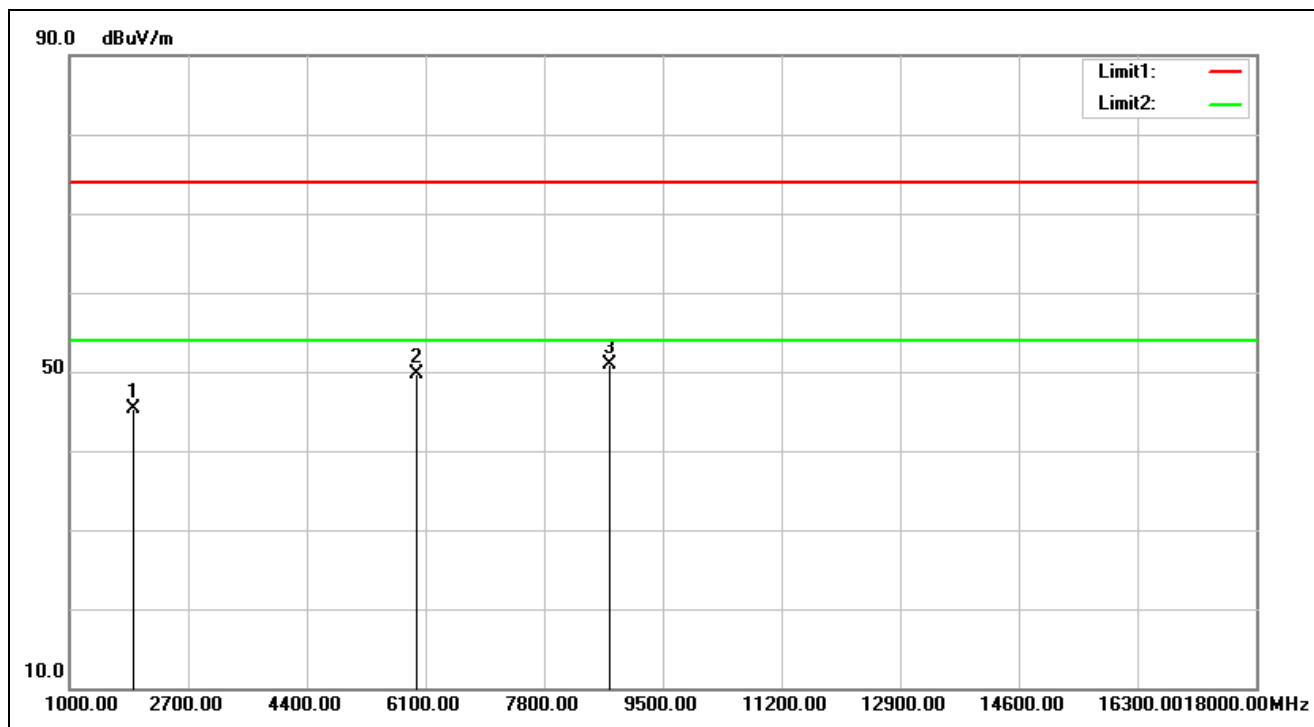
Spurious Emissions, RX Mode, 1-18G



TUV Taiwan

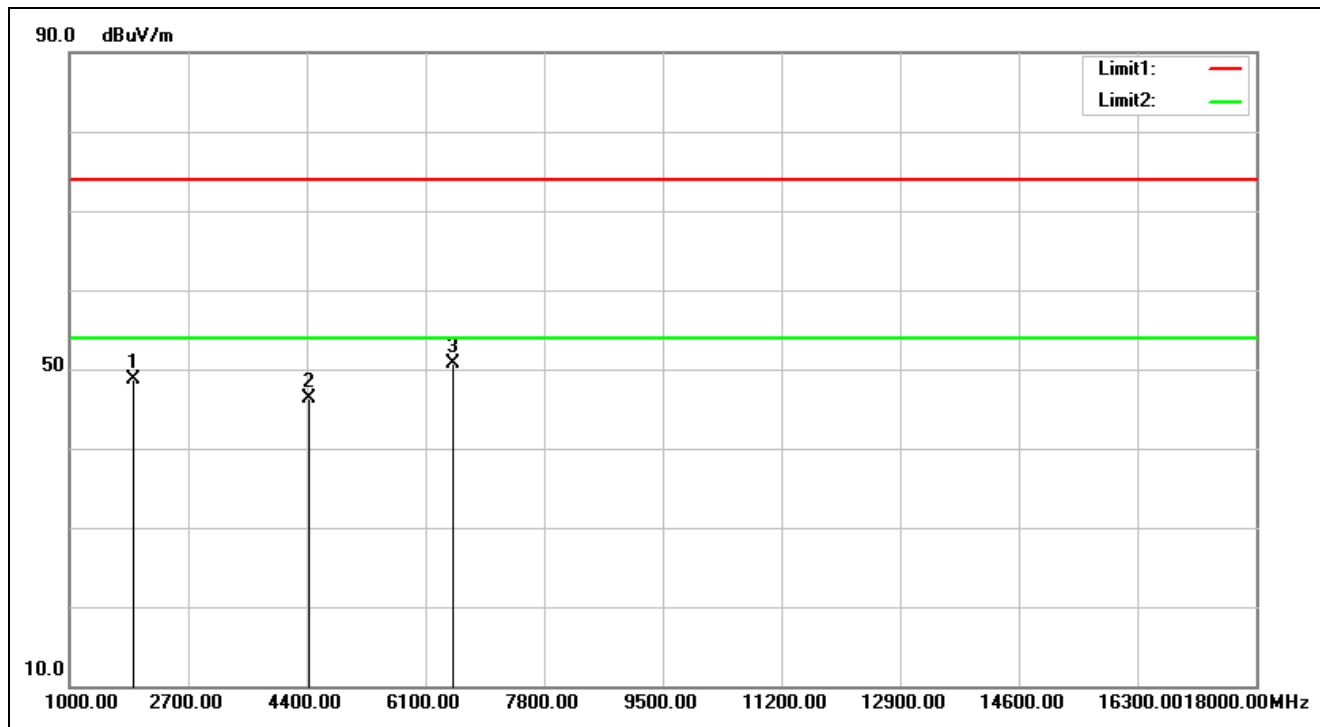
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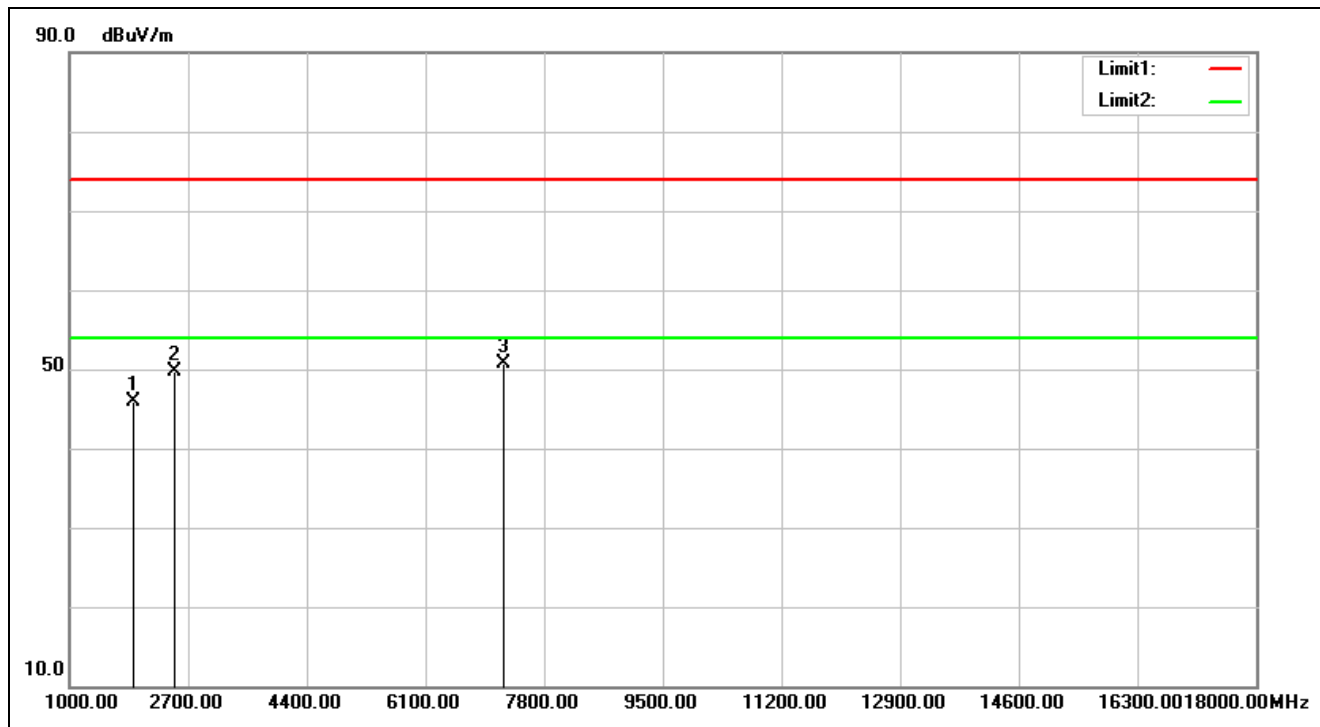
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 15:07:52
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	1918.000	-9.27	54.60	45.33	74.00	-28.67	peak	100	226	
2	5964.000	2.71	47.05	49.76	74.00	-24.24	peak	100	334	
3	8735.000	5.73	45.25	50.98	74.00	-23.02	peak	100	170	



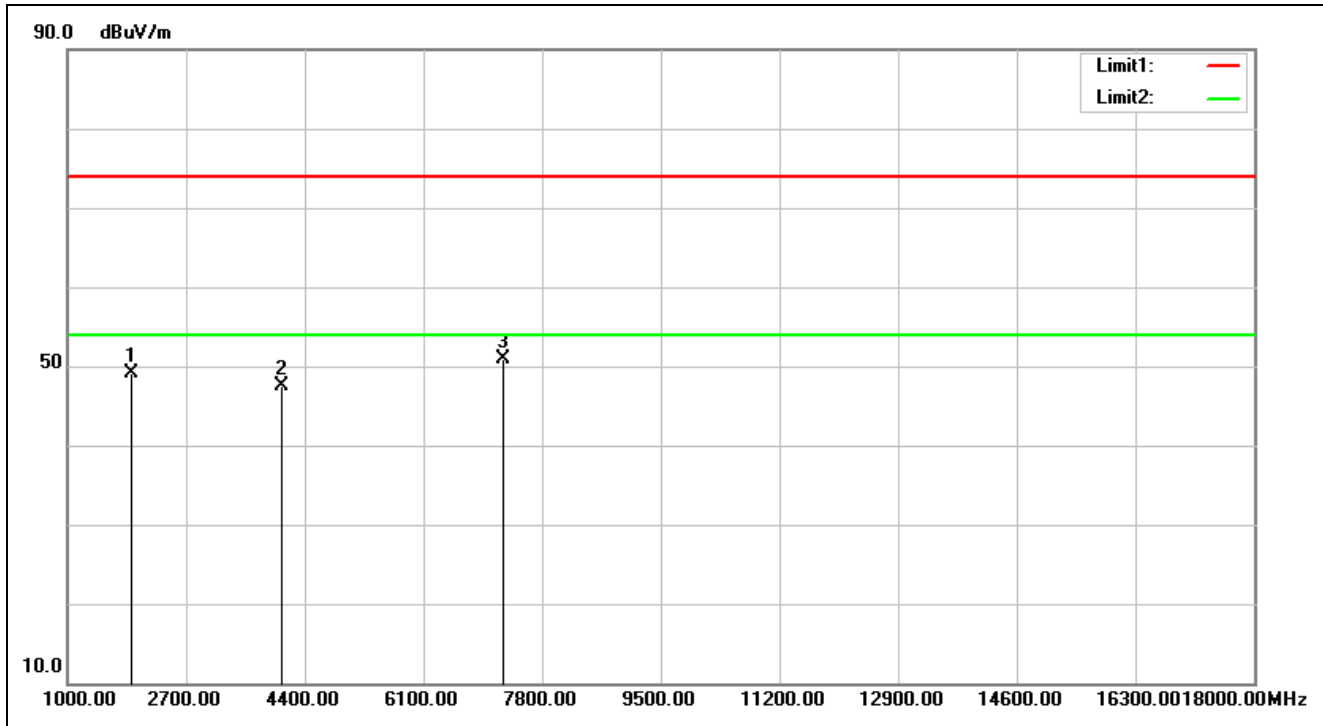
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 15:08:54
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	1918.000	-9.27	58.02	48.75	74.00	-25.25	peak	100	78	
2	4434.000	-4.20	50.44	46.24	74.00	-27.76	peak	100	357	
3	6491.000	4.58	46.08	50.66	74.00	-23.34	peak	100	234	



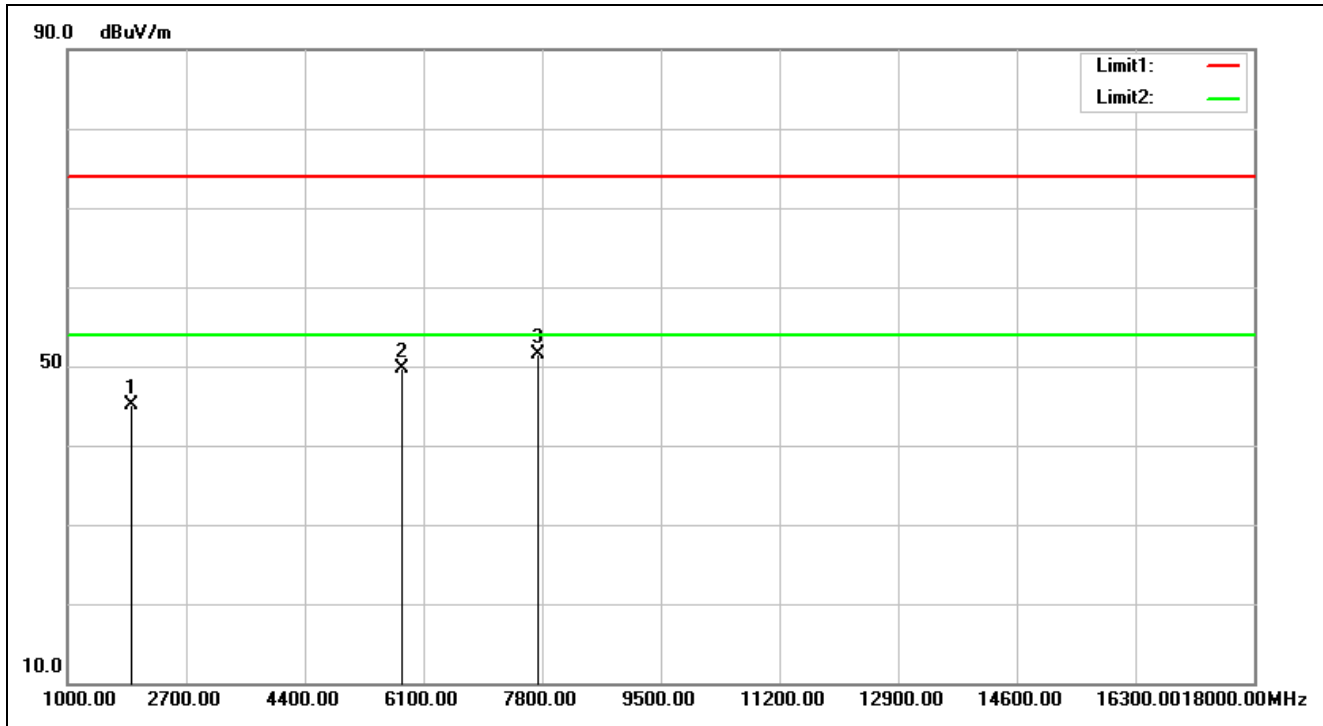
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 15:14:04
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	1918.000	-9.27	55.08	45.81	74.00	-28.19	peak	100	140	
2	2513.000	-7.80	57.46	49.66	74.00	-24.34	peak	100	6	
3	7222.000	4.58	46.19	50.77	74.00	-23.23	peak	100	268	



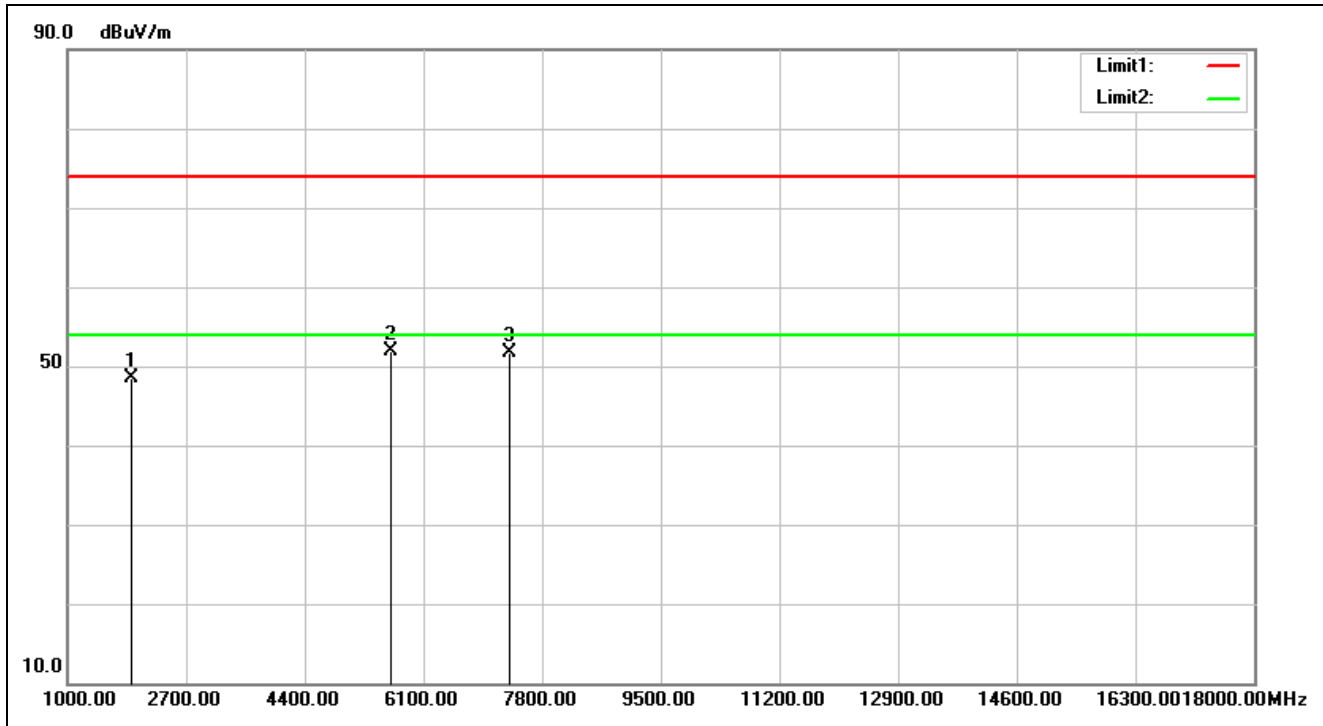
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 15:15:07
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	1918.000	-9.27	58.41	49.14	74.00	-24.86	peak	100	78	
2	4060.000	-5.36	52.87	47.51	74.00	-26.49	peak	100	348	
3	7239.000	4.64	46.18	50.82	74.00	-23.18	peak	100	234	



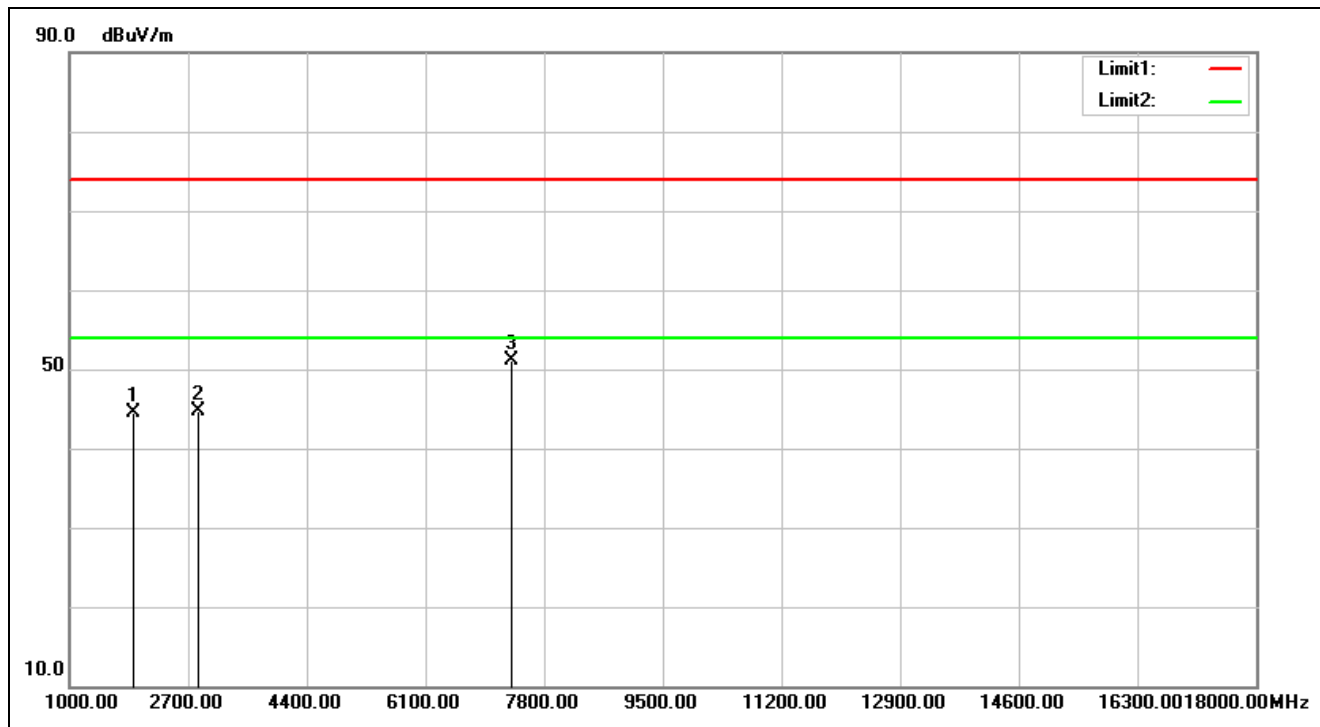
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 15:10:23
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	1918.000	-9.27	54.43	45.16	74.00	-28.84	peak	100	140	
2	5794.000	1.50	48.28	49.78	74.00	-24.22	peak	100	360	
3	7749.000	5.48	46.09	51.57	74.00	-22.43	peak	100	100	



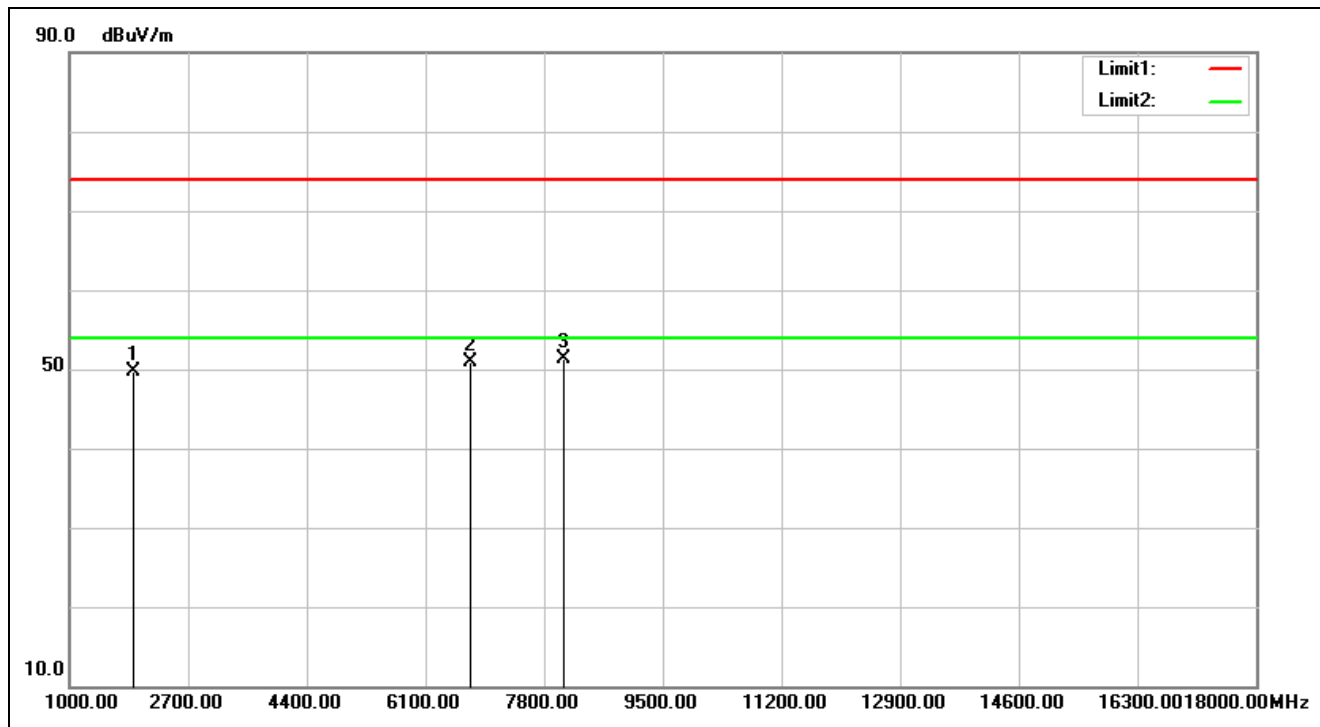
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 15:11:26
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	1918.000	-9.27	57.79	48.52	74.00	-25.48	peak	100	76	
2	5641.000	0.41	51.56	51.97	74.00	-22.03	peak	100	293	
3	7341.000	4.98	46.81	51.79	74.00	-22.21	peak	100	201	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 15:16:51
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-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	1918.000	-9.27	53.84	44.57	74.00	-29.43	peak	100	140	
2	2853.000	-7.21	51.87	44.66	74.00	-29.34	peak	100	343	
3	7324.000	4.92	46.23	51.15	74.00	-22.85	peak	100	14	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 15:17:54
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-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	1918.000	-9.27	59.02	49.75	74.00	-24.25	peak	100	81	
2	6746.000	4.22	46.61	50.83	74.00	-23.17	peak	100	162	
3	8089.000	5.45	45.87	51.32	74.00	-22.68	peak	100	273	

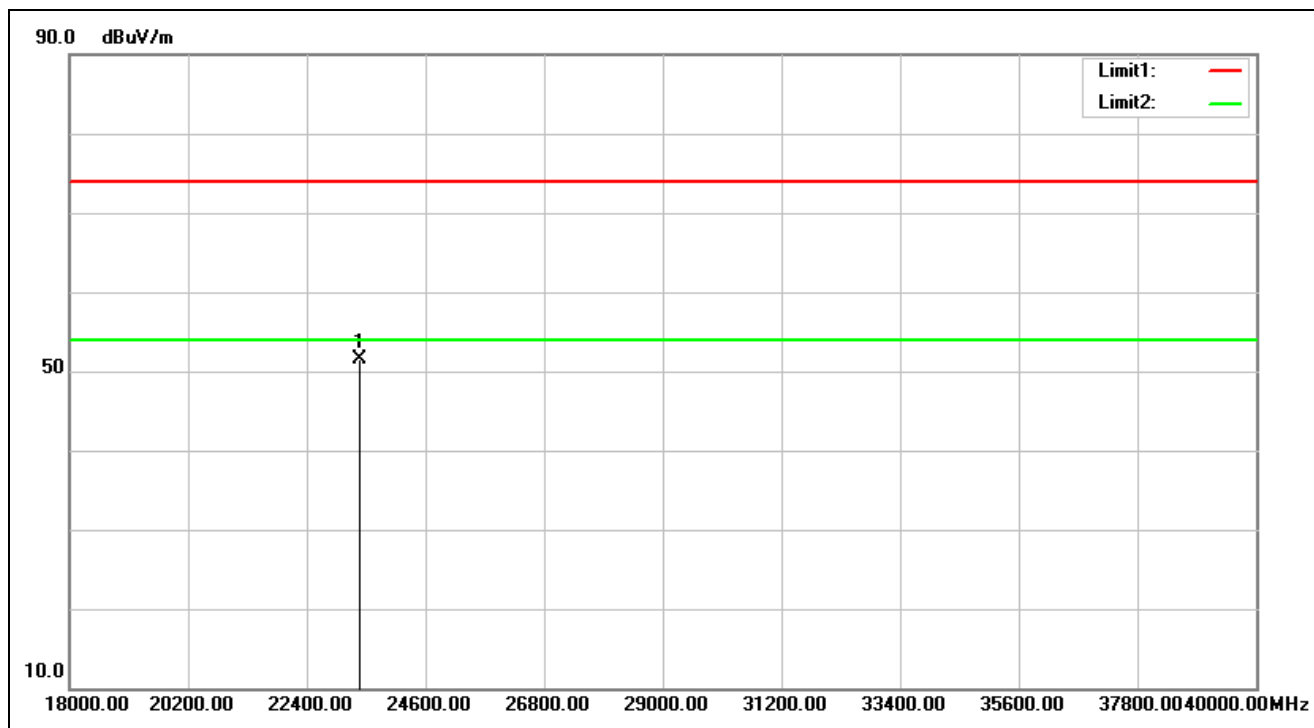
Spurious Emissions, RX Mode, 18-40G



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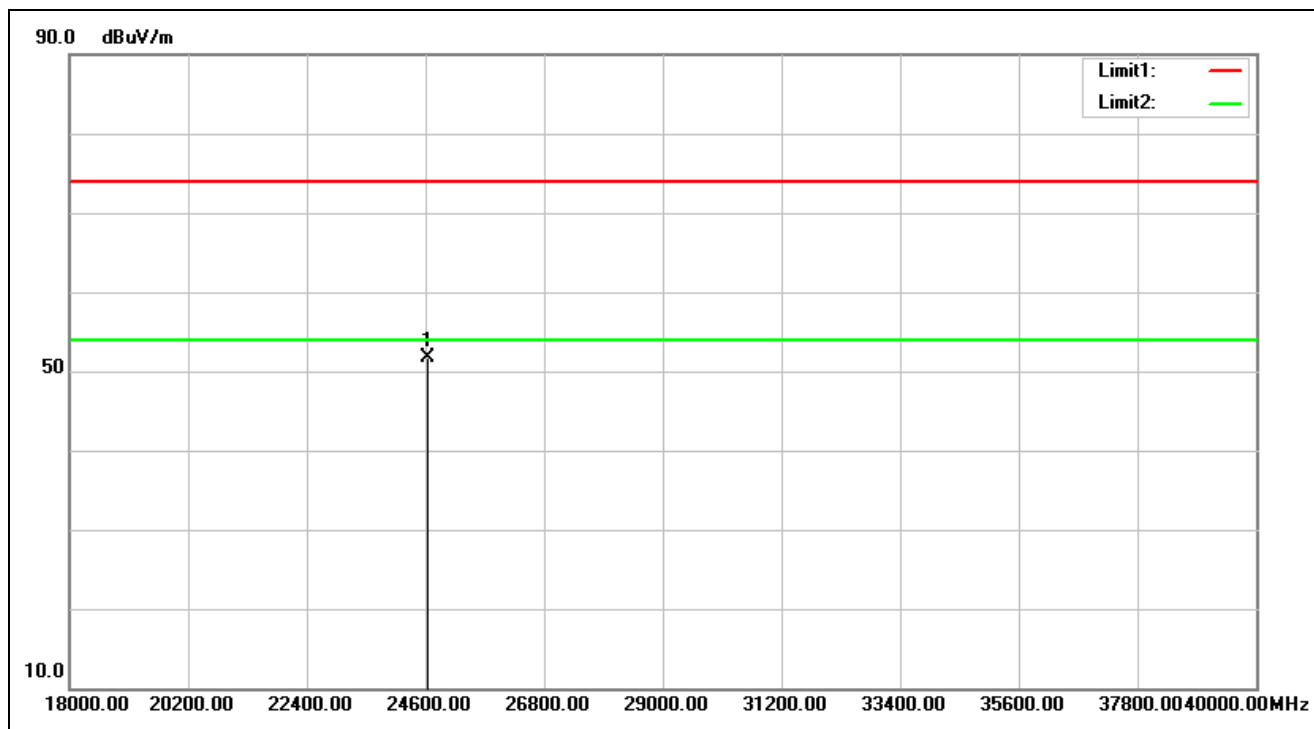
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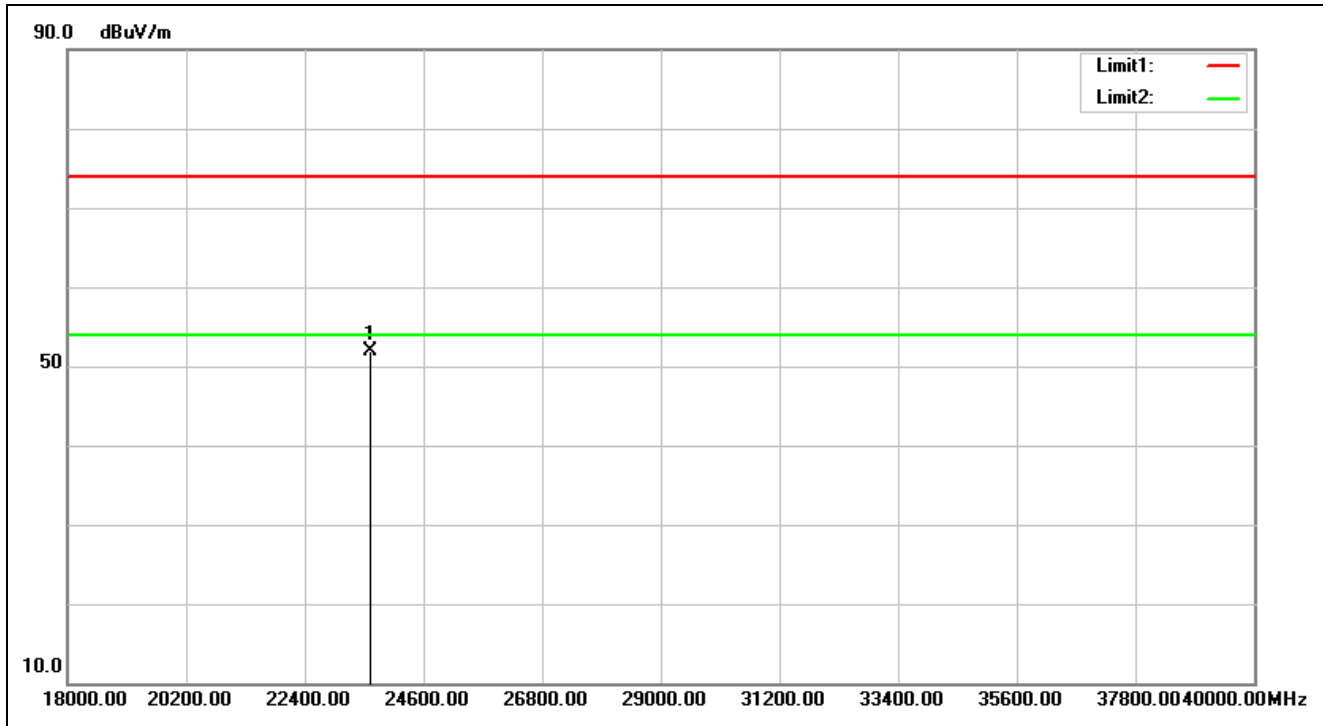
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 14:09:24
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	23368.000	32.75	18.76	51.51	74.00	-22.49	peak		0	



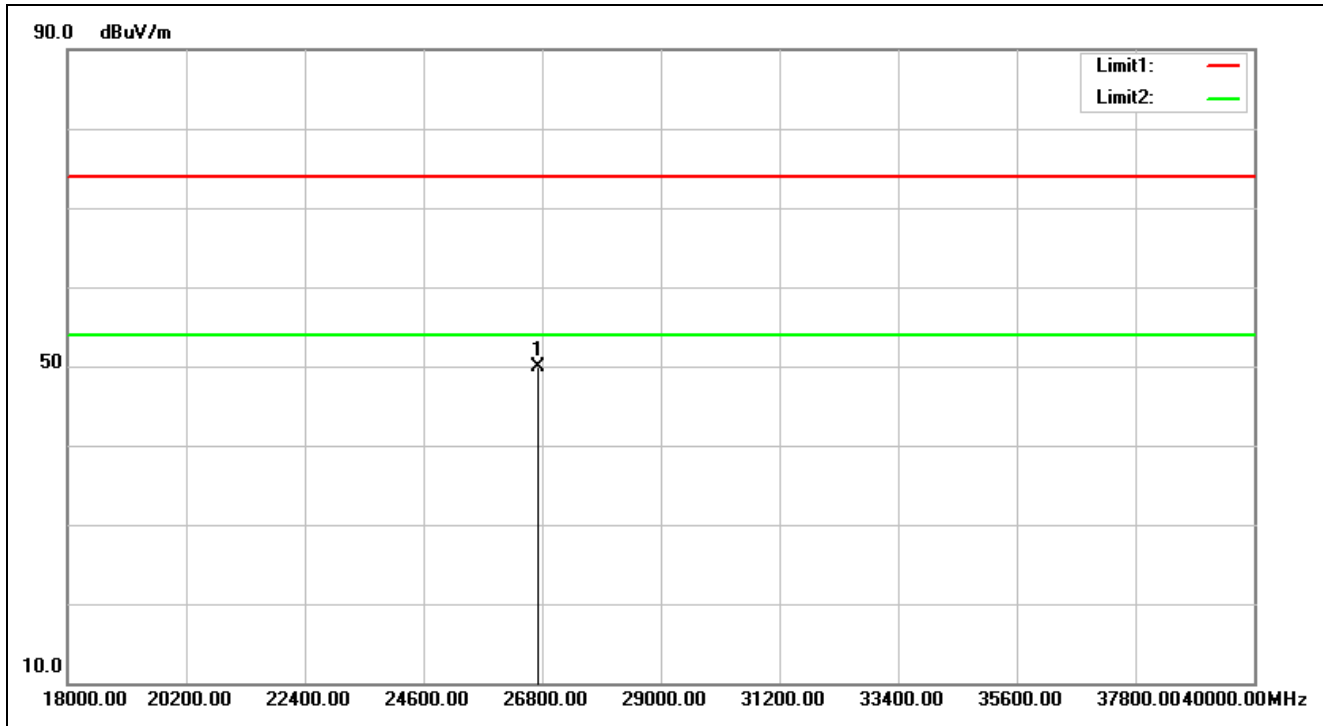
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 14:09:35
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	24644.000	33.21	18.53	51.74	74.00	-22.26	peak			



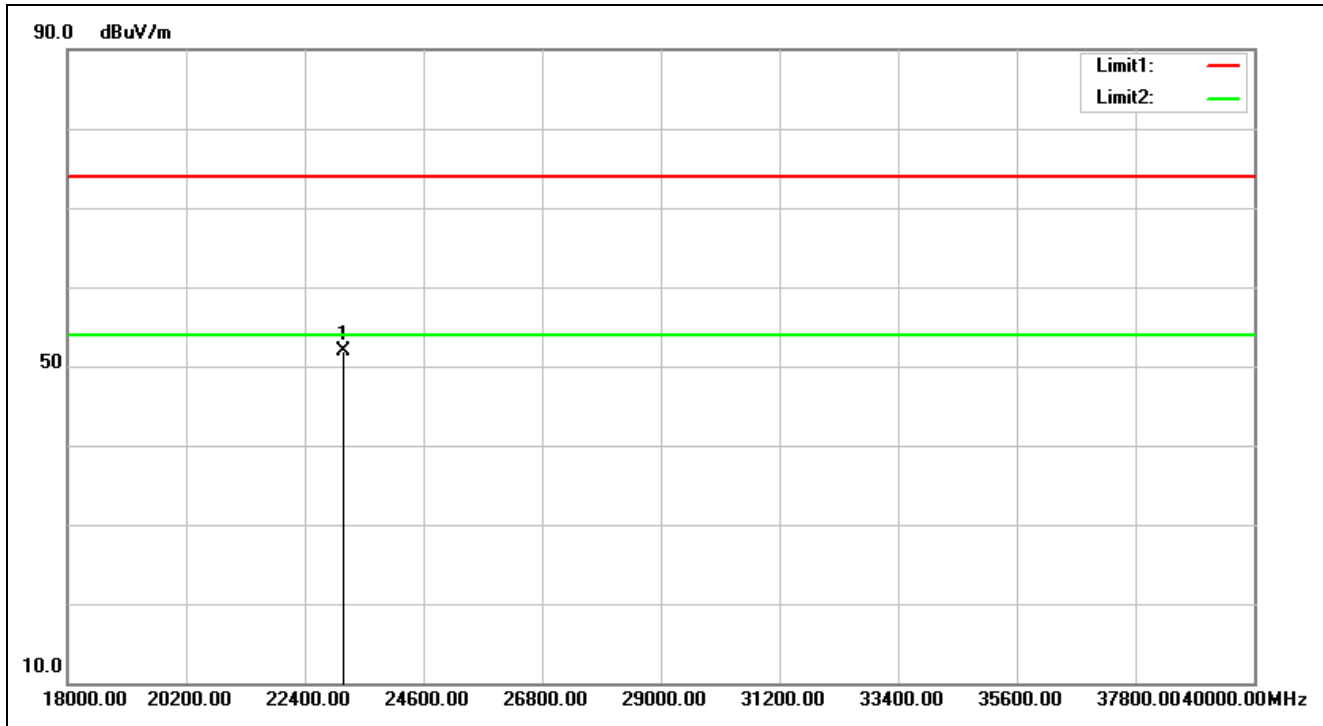
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 14:10:29
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	23610.000	32.62	19.34	51.96	74.00	-22.04	peak			



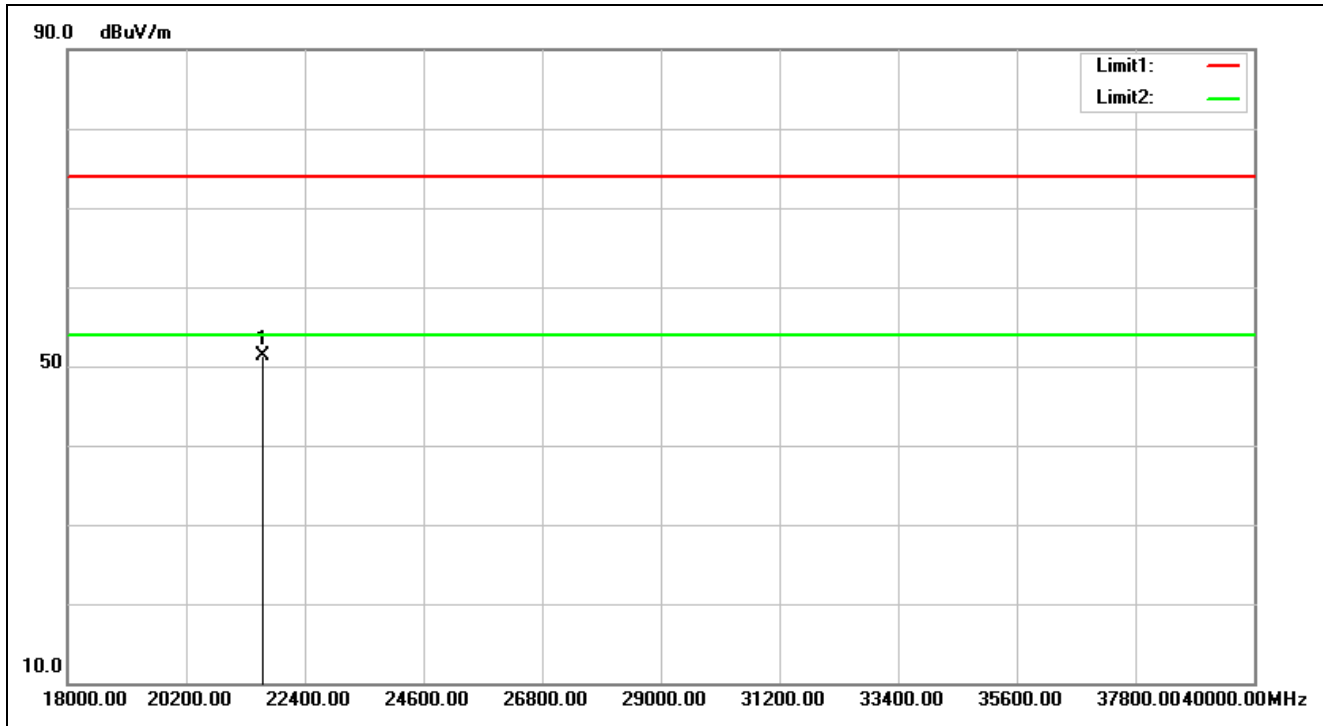
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 14:10:43
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	26734.000	35.06	14.88	49.94	74.00	-24.06	peak			



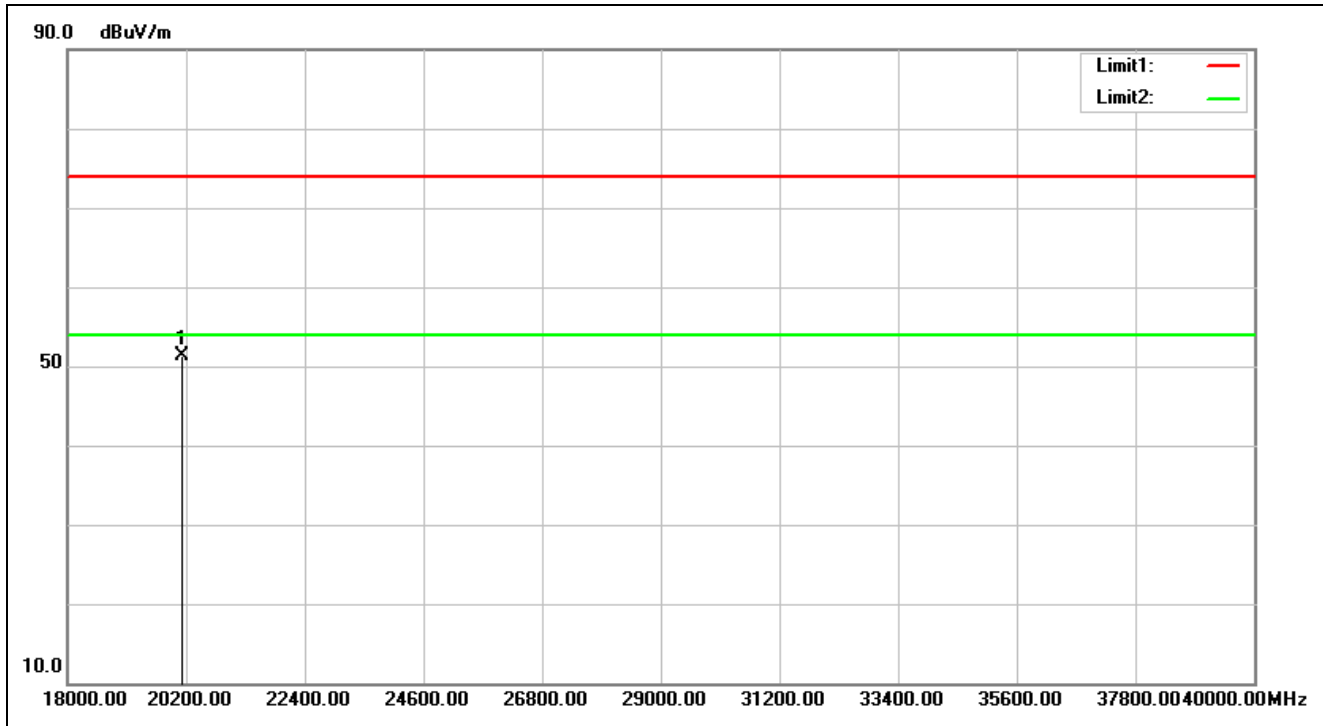
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 14:09:51
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	23104.000	32.57	19.37	51.94	74.00	-22.06	peak			



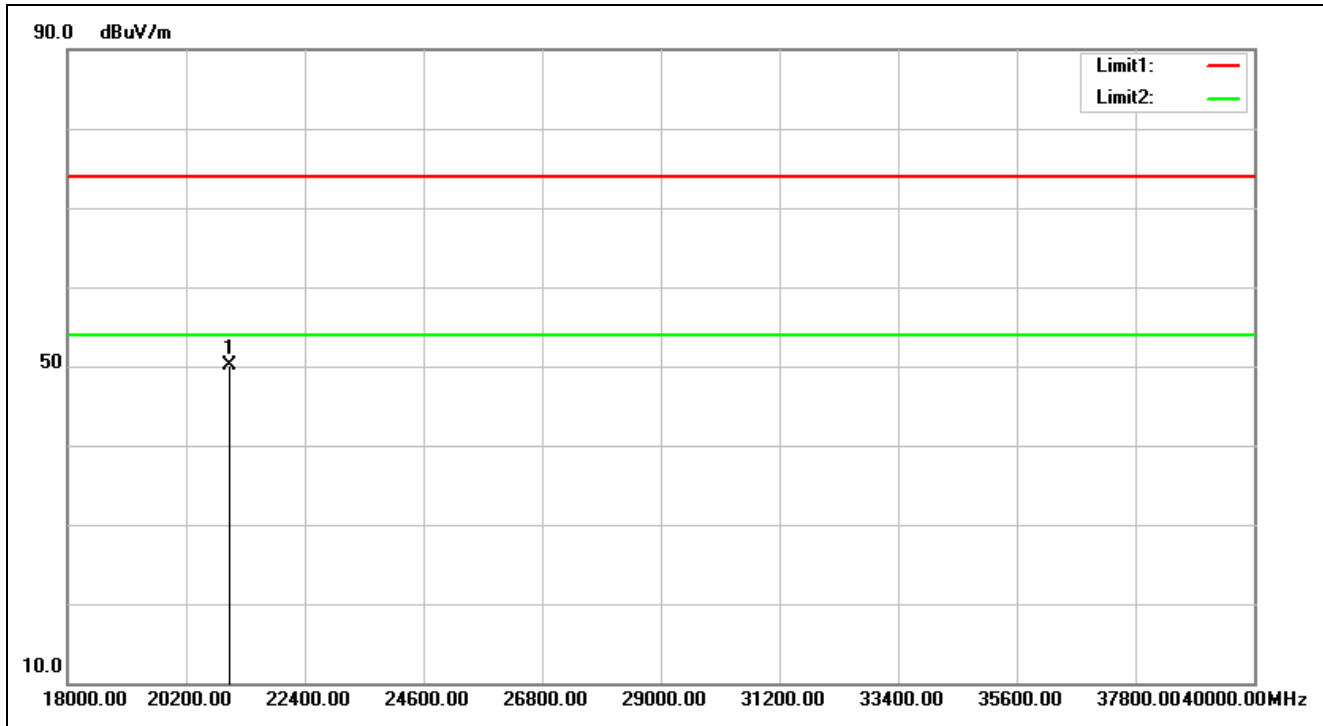
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 14:10:10
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-1	Test Engineer:	George 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	21630.000	32.76	18.60	51.36	74.00	-22.64	peak			



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/26 14:10:59
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-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	20112.000	31.53	19.77	51.30	74.00	-22.70	peak			



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/26 14:11:09
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.5(°C)/61%
Model No.:	RX-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	21014.000	31.96	18.21	50.17	74.00	-23.83	peak			

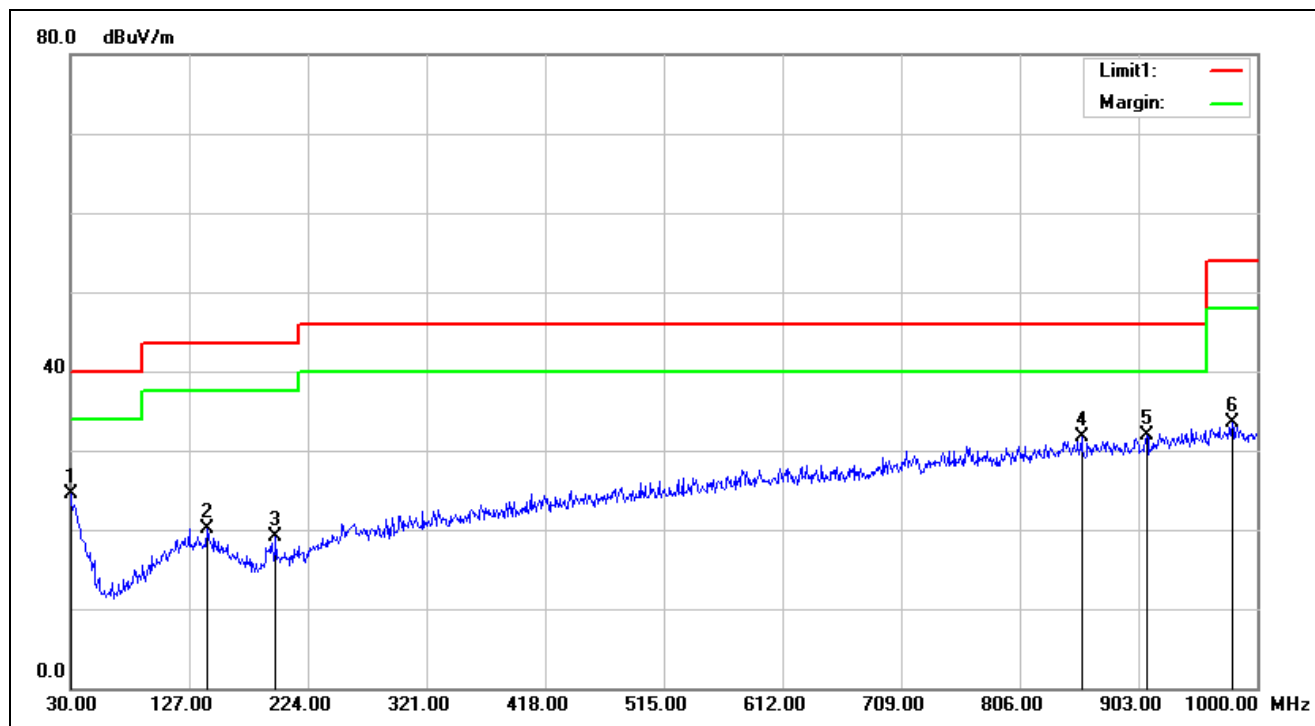
Spurious Emissions, RX Mode, 30M-1G



TUV Taiwan

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

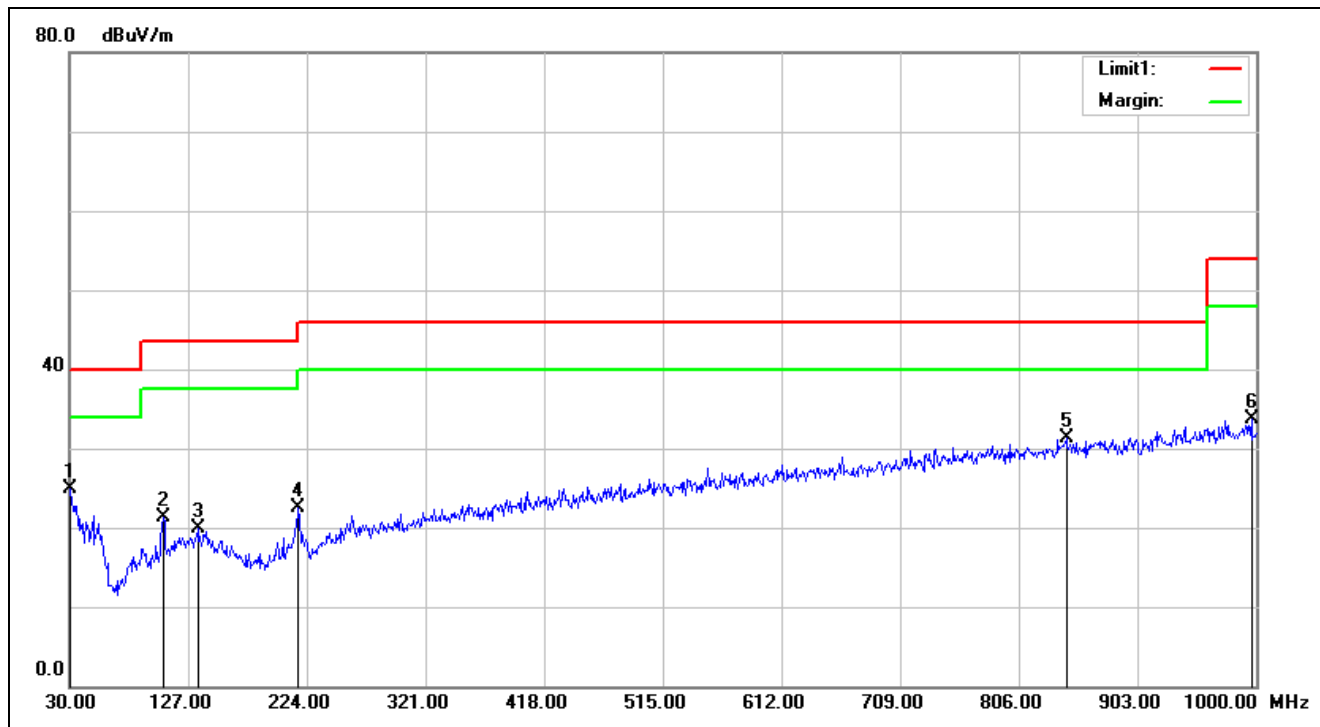
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/6/1 15:02:18
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%):	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
Test Mode:	MRP-60.48-RX		
Remark:			

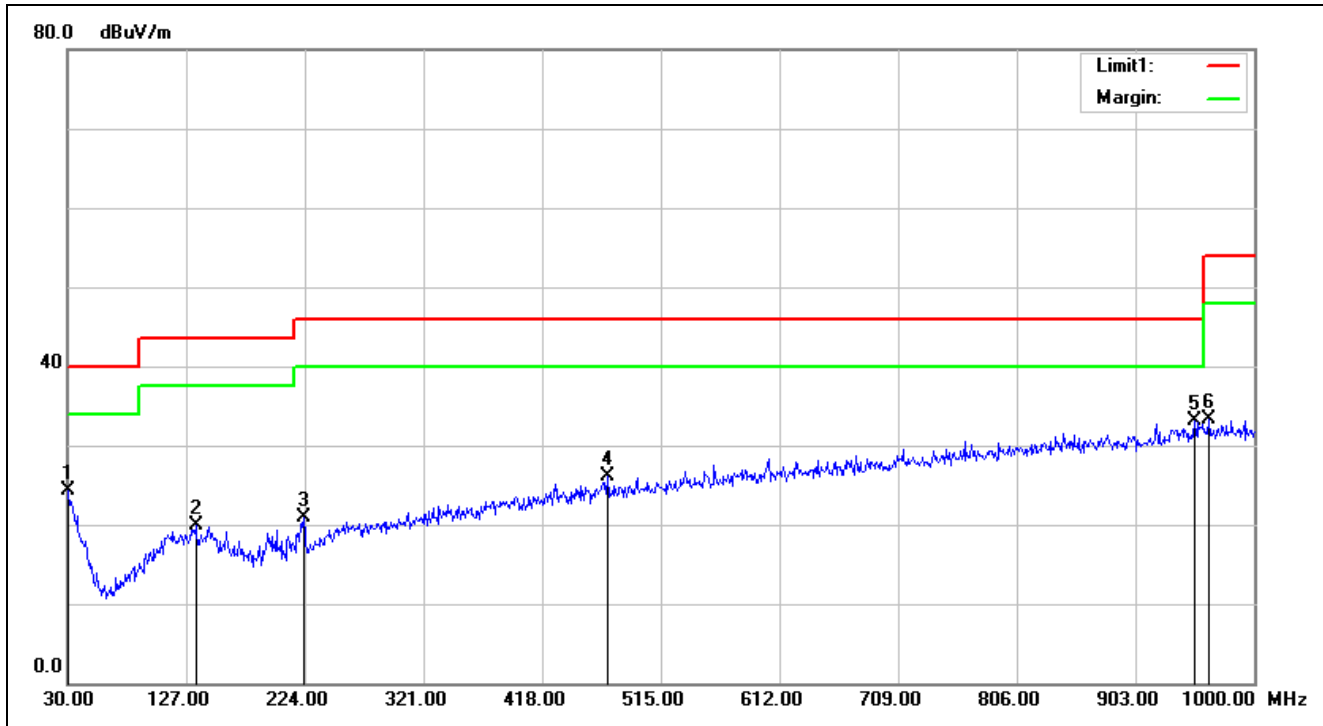
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	24.65	24.58	40.00	-15.42	QP	100	225	
2	141.5500	-7.06	27.25	20.19	43.50	-23.31	QP	100	121	
3	197.8100	-9.05	28.16	19.11	43.50	-24.39	QP	100	286	
4	856.4400	3.74	27.89	31.63	46.00	-14.37	QP	100	48	
5	909.7900	4.40	27.44	31.84	46.00	-14.16	QP	100	139	
6	979.6300	5.65	27.81	33.46	54.00	-20.54	QP	100	284	

Spurious Emissions, Mains, 150kHz - 30MHz



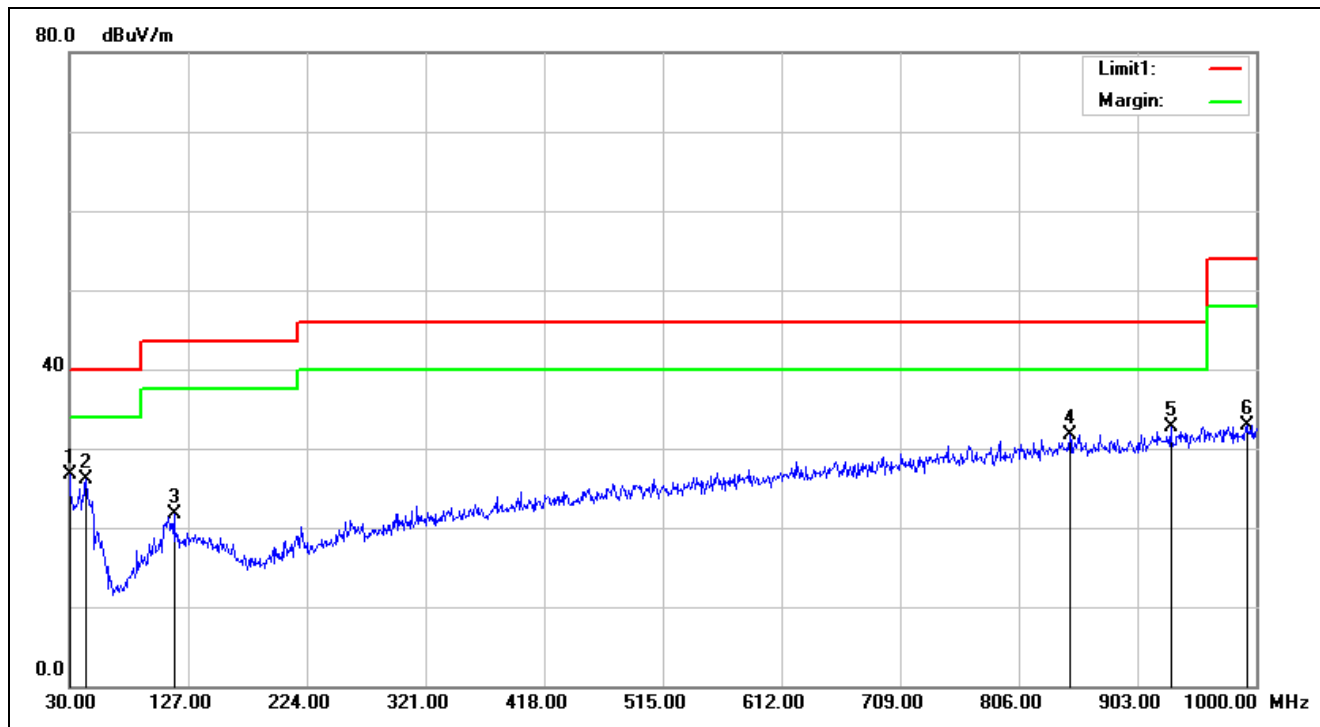
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/6/1 15:03:21
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	-0.07	24.97	24.90	40.00	-15.10	QP	100	296	
2	106.6300	-8.61	29.91	21.30	43.50	-22.20	QP	100	226	
3	134.7600	-6.98	26.84	19.86	43.50	-23.64	QP	100	20	
4	217.2100	-8.37	30.81	22.44	46.00	-23.56	QP	100	229	
5	844.8000	3.60	27.70	31.30	46.00	-14.70	QP	100	291	
6	996.1200	5.79	27.84	33.63	54.00	-20.37	QP	100	229	



Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/6/1 15:05:03
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	-0.07	24.47	24.40	40.00	-15.60	QP	100	356	
2	134.7600	-6.98	26.81	19.83	43.50	-23.67	QP	100	0	
3	223.0300	-8.07	28.89	20.82	46.00	-25.18	QP	100	294	
4	471.3500	-1.74	27.77	26.03	46.00	-19.97	QP	100	11	
5	951.5000	5.40	27.76	33.16	46.00	-12.84	QP	100	252	
6	963.1400	5.50	27.86	33.36	54.00	-20.64	QP	100	177	



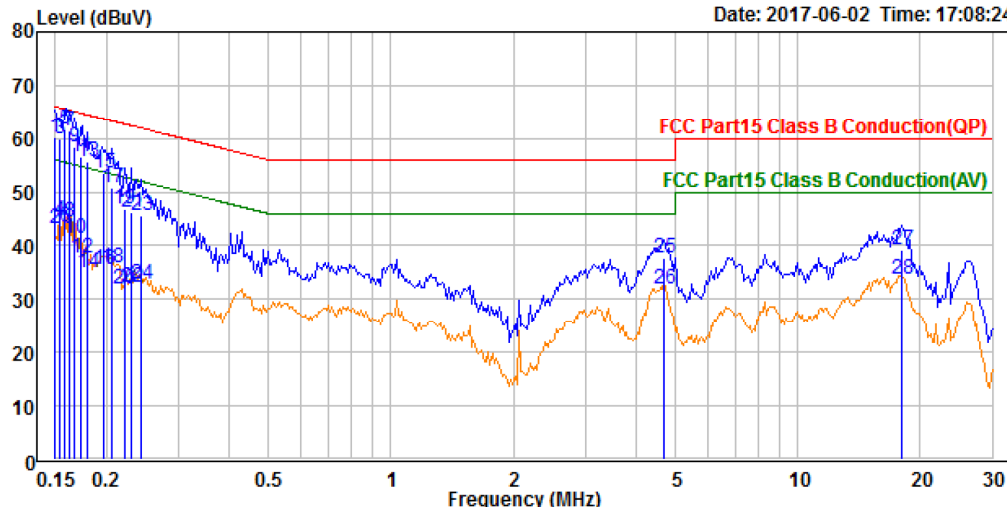
Service No.:	114064109(RX-1)-NCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/6/1 15:06:07
Applicant:	TPCast	Test Rating:	DC 5V
Product:	HMD Receiver	Temp.(°C)/Hum.(%)	23.1(°C)/50%
Model No.:	RX-1	Test Engineer:	Freeman Wang
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	-0.07	26.69	26.62	40.00	-13.38	QP	100	346	
2	43.5800	-7.86	34.04	26.18	40.00	-13.82	QP	100	261	
3	115.3600	-7.72	29.44	21.72	43.50	-21.78	QP	100	143	
4	847.7100	3.64	28.07	31.71	46.00	-14.29	QP	100	159	
5	930.1600	4.89	27.72	32.61	46.00	-13.39	QP	100	250	
6	992.2400	5.77	27.13	32.90	54.00	-21.10	QP	100	296	

Mains Spurious Emissions

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Date: 2017-06-02 Time: 17:08:24

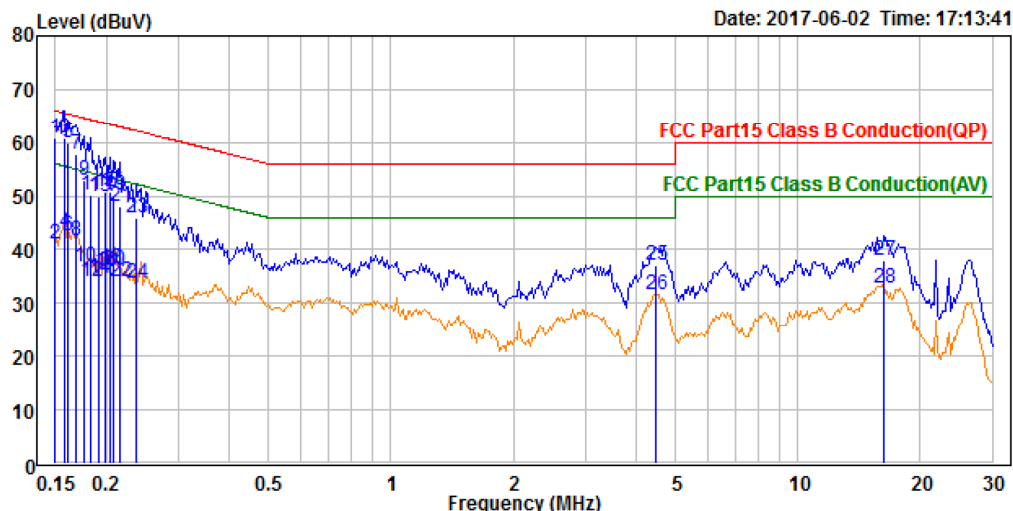


Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Applicant : Beijing TPcast
Product : Helmet Receiving End
Model No. : RX-1
Test Rating : 120Vac/60Hz
Tmp/Hum : 21.9 °C / 49 %
Memo : (a) Normal operation
Remark : Client's Adapter

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	60.38	50.60	9.78	66.00	-5.62	QP
2	0.150	43.06	33.28	9.78	56.00	-12.94	Average
3	0.153	59.87	50.09	9.78	65.83	-5.96	QP
4	0.153	44.61	34.83	9.78	55.83	-11.22	Average
5	0.158	61.84	52.06	9.78	65.59	-3.75	QP
6	0.158	43.44	33.66	9.78	55.59	-12.15	Average
7	0.162	61.56	51.78	9.78	65.34	-3.78	QP
8	0.162	44.42	34.64	9.78	55.34	-10.92	Average
9	0.167	58.49	48.71	9.78	65.09	-6.60	QP
10	0.167	41.49	31.71	9.78	55.09	-13.60	Average
11	0.172	56.73	46.95	9.78	64.84	-8.11	QP
12	0.172	37.65	27.87	9.78	54.84	-17.19	Average
13	0.179	55.59	45.83	9.76	64.51	-8.92	QP
14	0.179	34.85	25.09	9.76	54.51	-19.66	Average
15	0.196	53.39	43.63	9.76	63.77	-10.38	QP

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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kai Wang
Applicant : Beijing TPcast
Product : Helmet Receiving End
Model No. : RX-1
Test Rating : 120Vac/60Hz
Tmp/Hum : 21.9 °C / 49 %
Memo : (a) Normal operation
Remark : Client"s Adapter

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	60.88	51.15	9.73	66.00	-5.12	QP
2	0.150	40.99	31.26	9.73	56.00	-15.01	Average
3	0.158	60.88	51.16	9.72	65.59	-4.71	QP
4	0.158	43.20	33.48	9.72	55.59	-12.39	Average
5	0.161	60.07	50.35	9.72	65.42	-5.35	QP
6	0.161	42.50	32.78	9.72	55.42	-12.92	Average
7	0.169	57.77	48.05	9.72	65.01	-7.24	QP
8	0.169	41.52	31.80	9.72	55.01	-13.49	Average
9	0.176	53.04	43.34	9.70	64.68	-11.64	QP
10	0.176	36.73	27.03	9.70	54.68	-17.95	Average
11	0.183	50.30	40.60	9.70	64.35	-14.05	QP
12	0.183	34.05	24.35	9.70	54.35	-20.30	Average
13	0.192	50.00	40.31	9.69	63.94	-13.94	QP
14	0.192	34.55	24.86	9.69	53.94	-19.39	Average
15	0.198	50.83	41.14	9.69	63.69	-12.86	QP