

Test Report No.50123779 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50123779AppendixD)

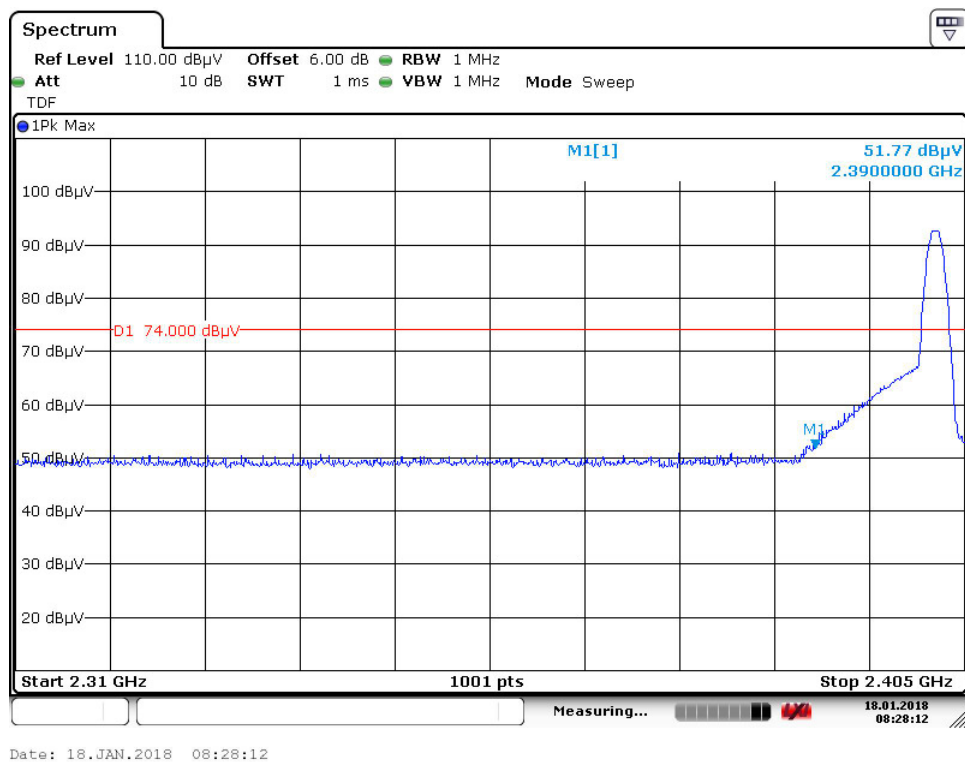
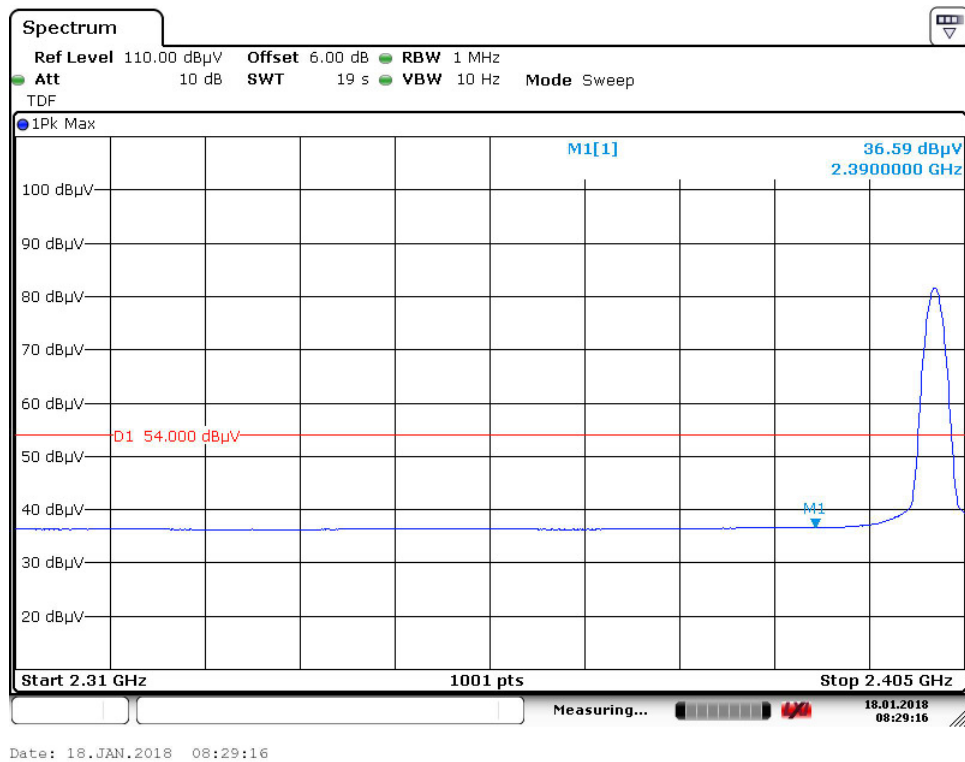
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Spurious Emissions, Band Edges, 2.35-2.5G

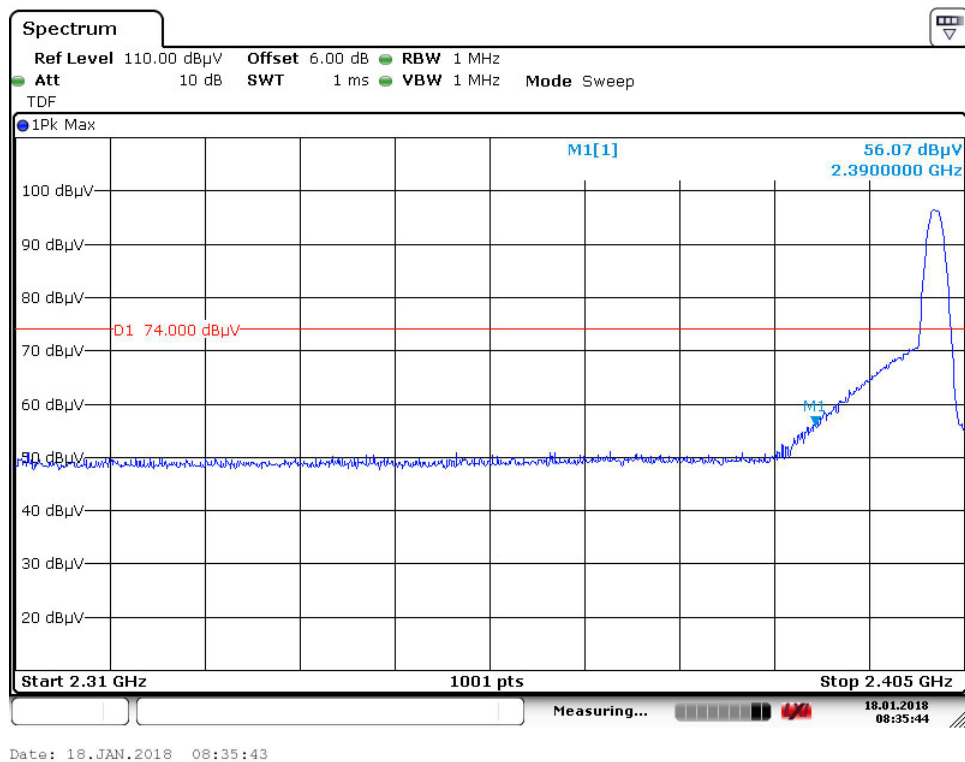
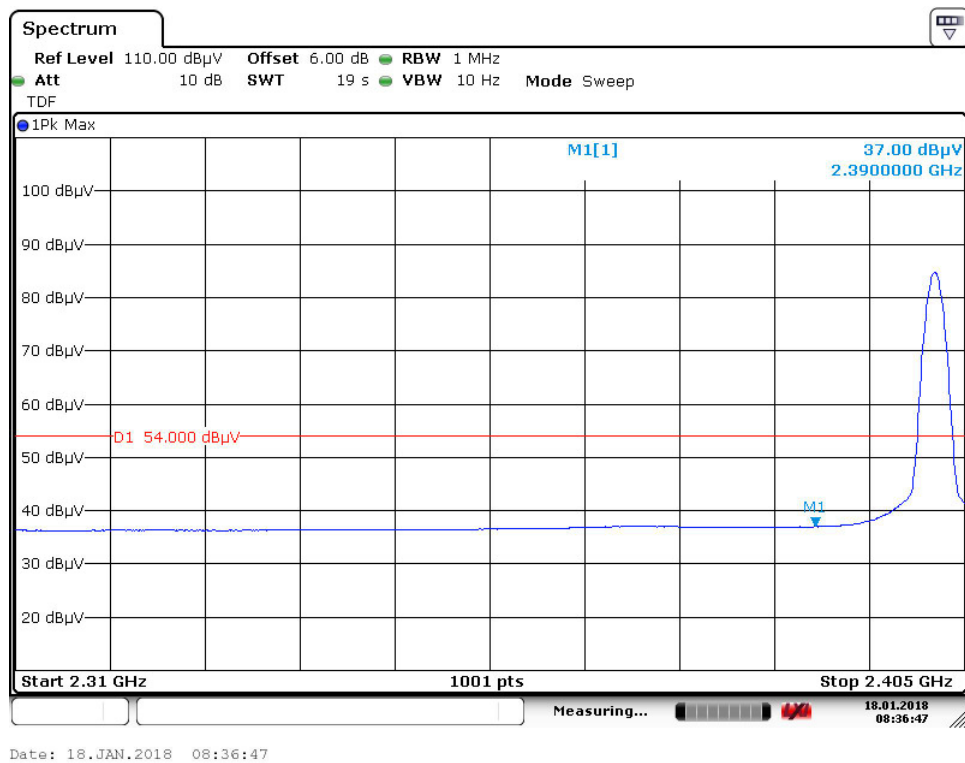
Radiated Bandedge (GFSK)

Low Channel (Hor)



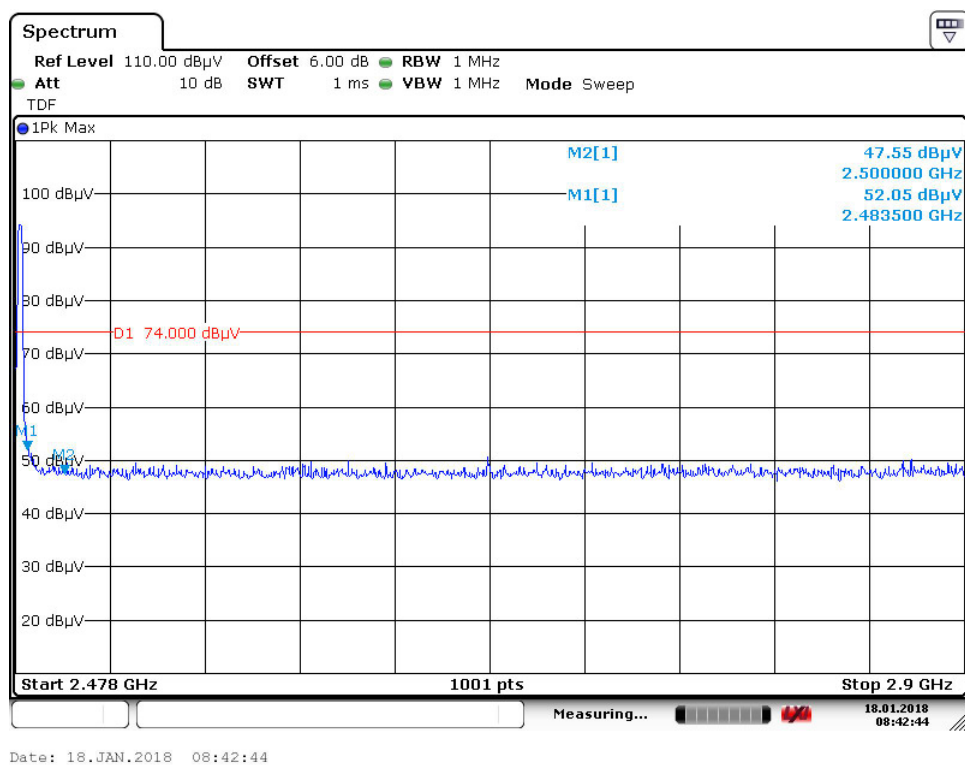
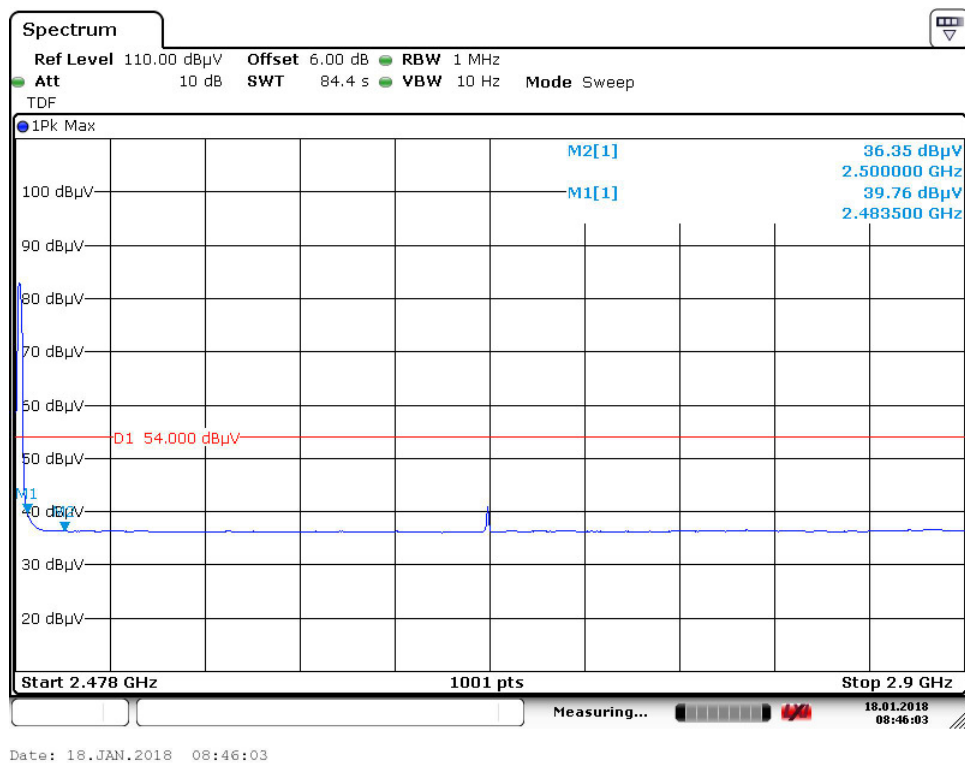
Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)



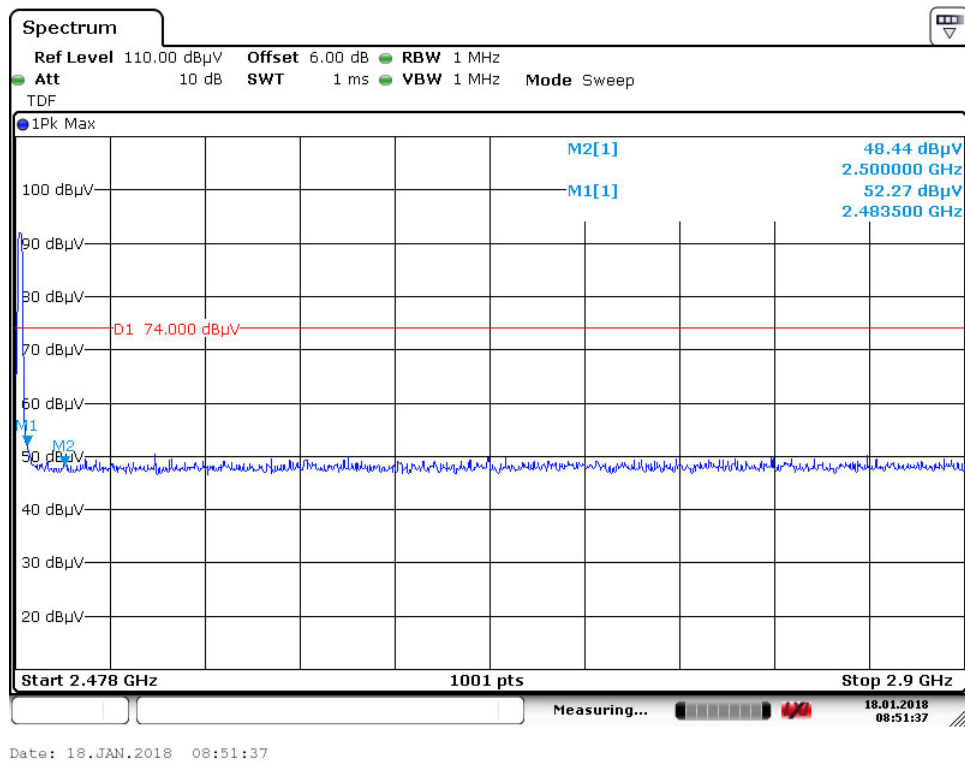
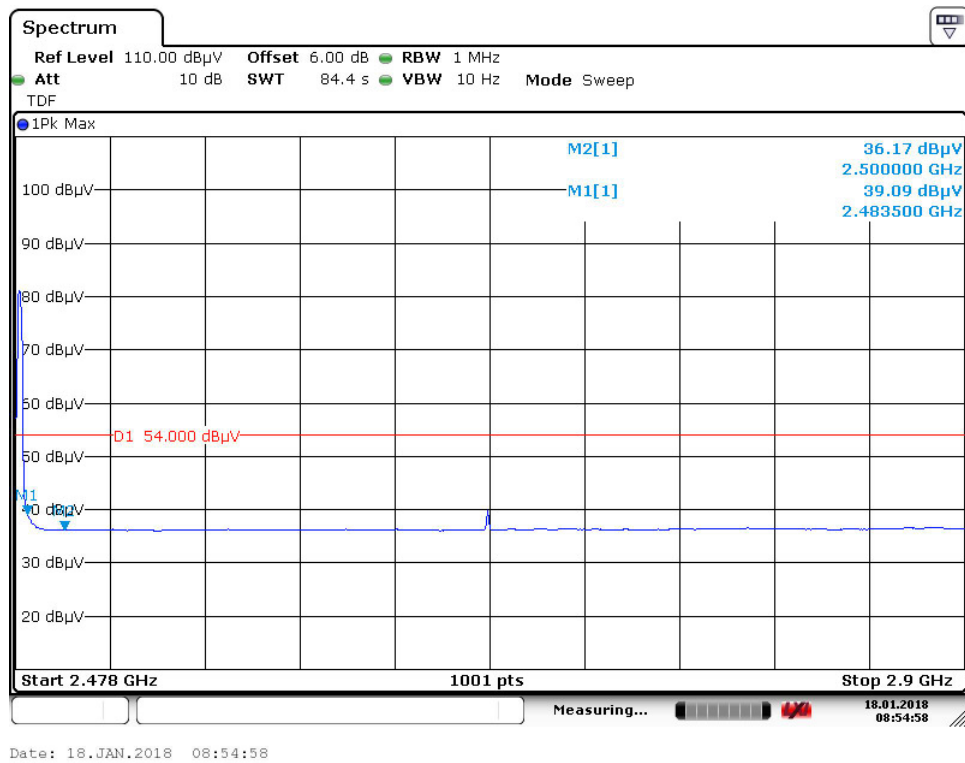
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

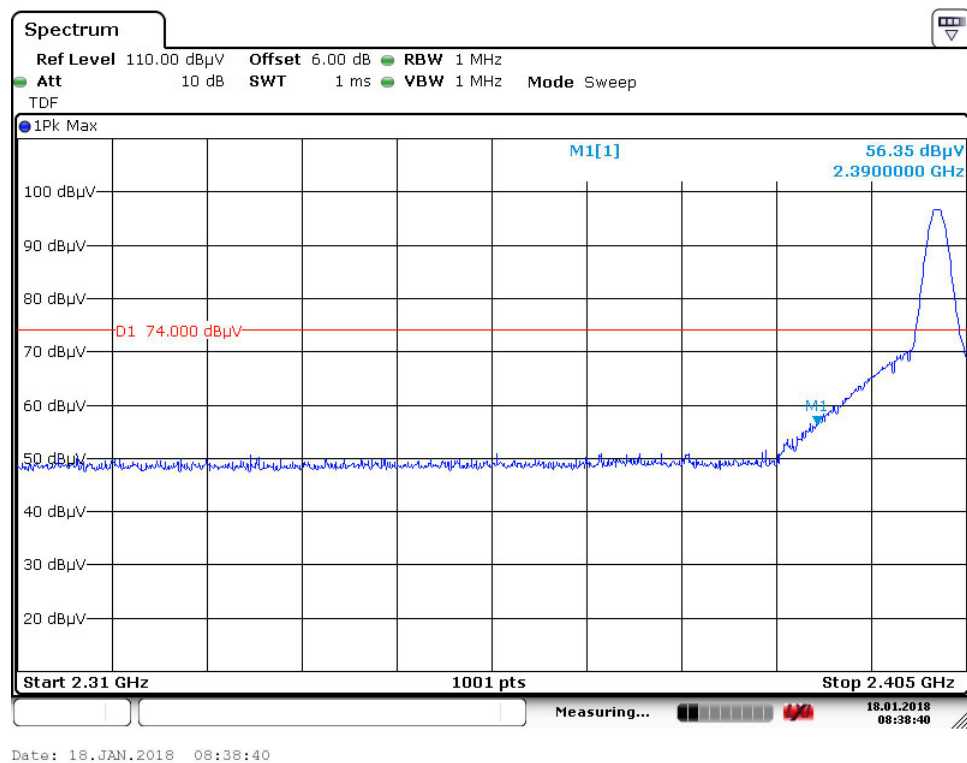
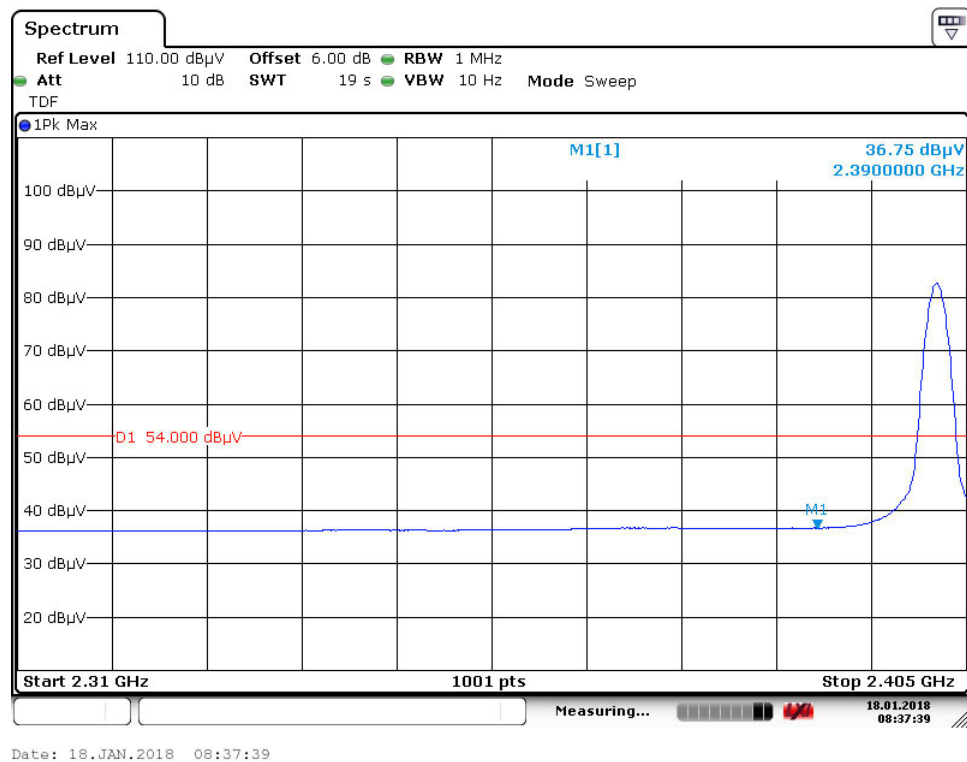
High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

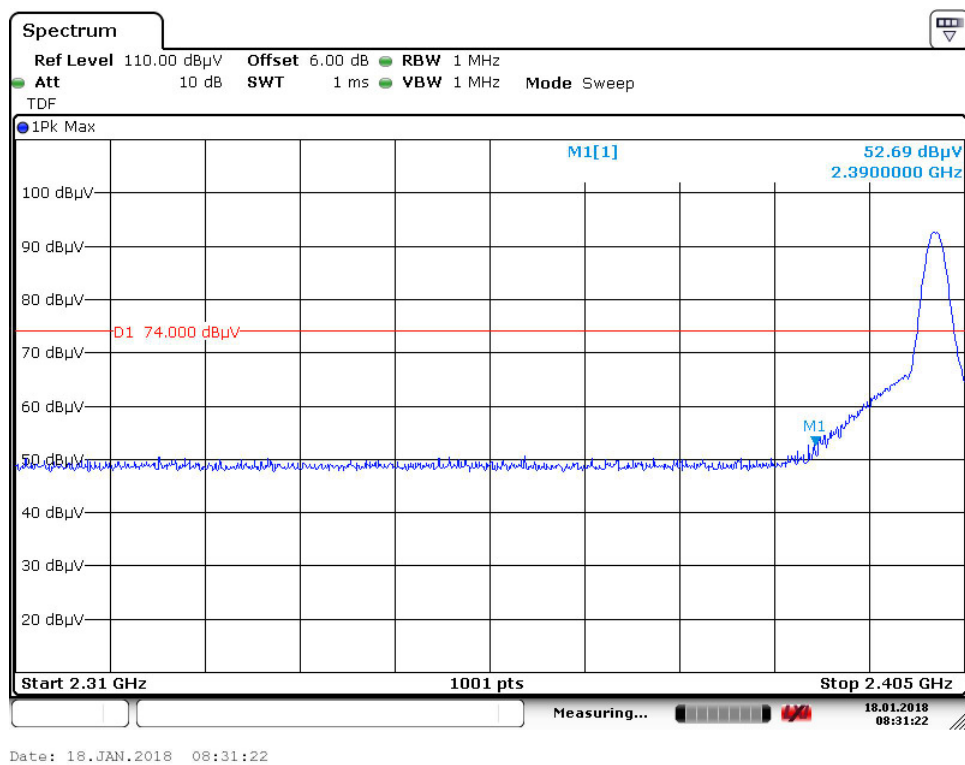
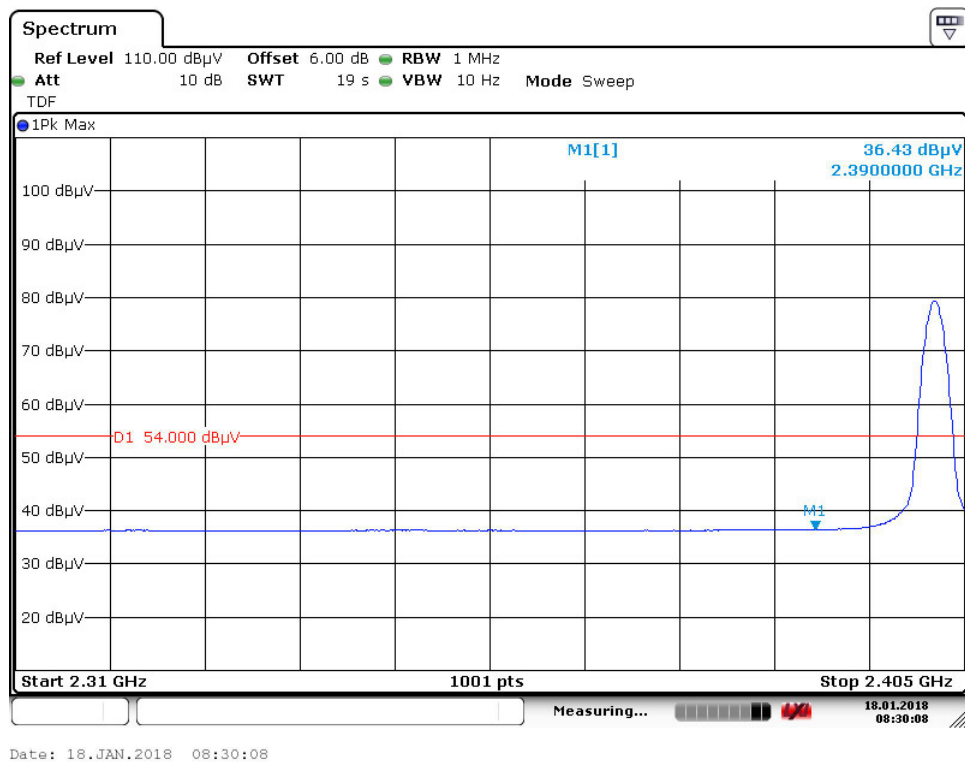
Radiated Bandedge (8DPSK)

Low Channel (Hor)



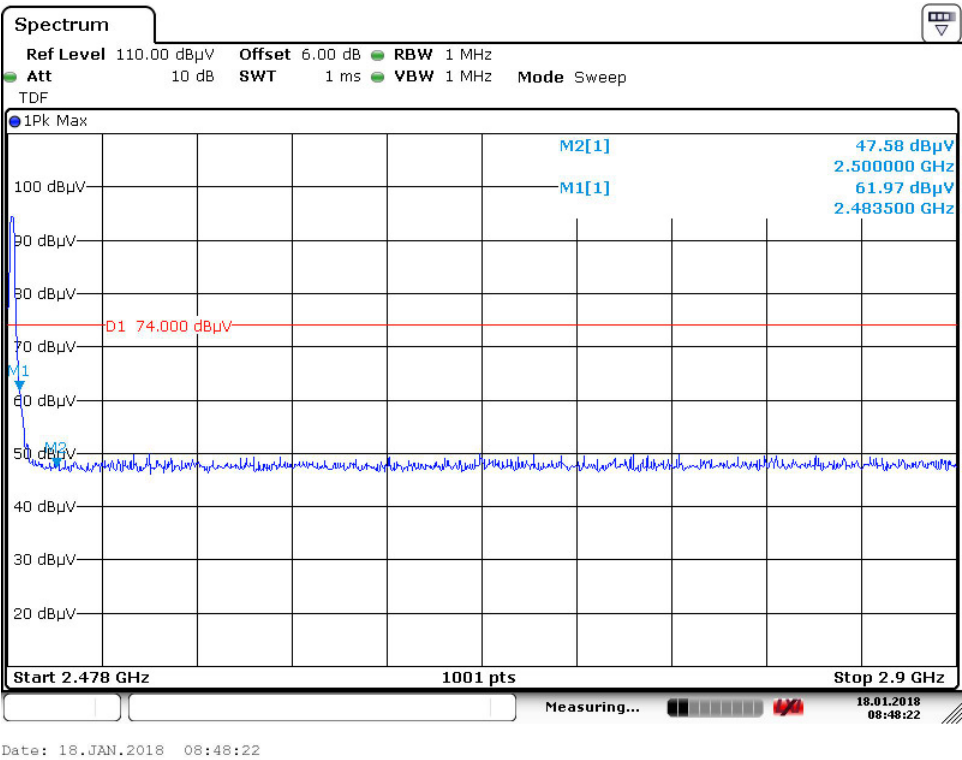
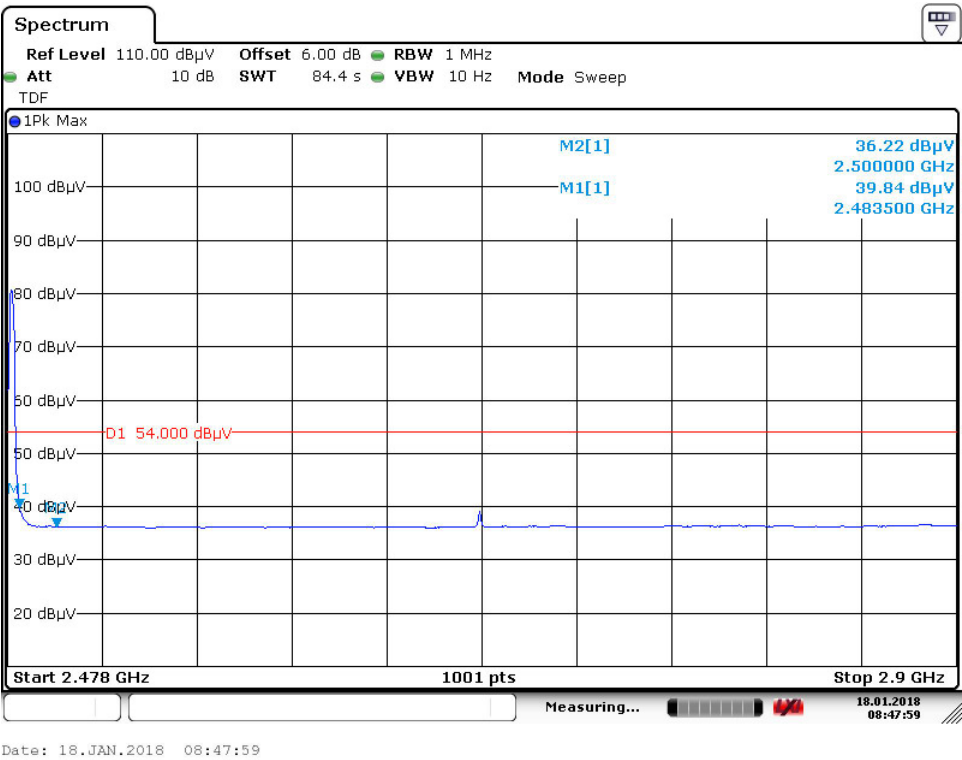
Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)

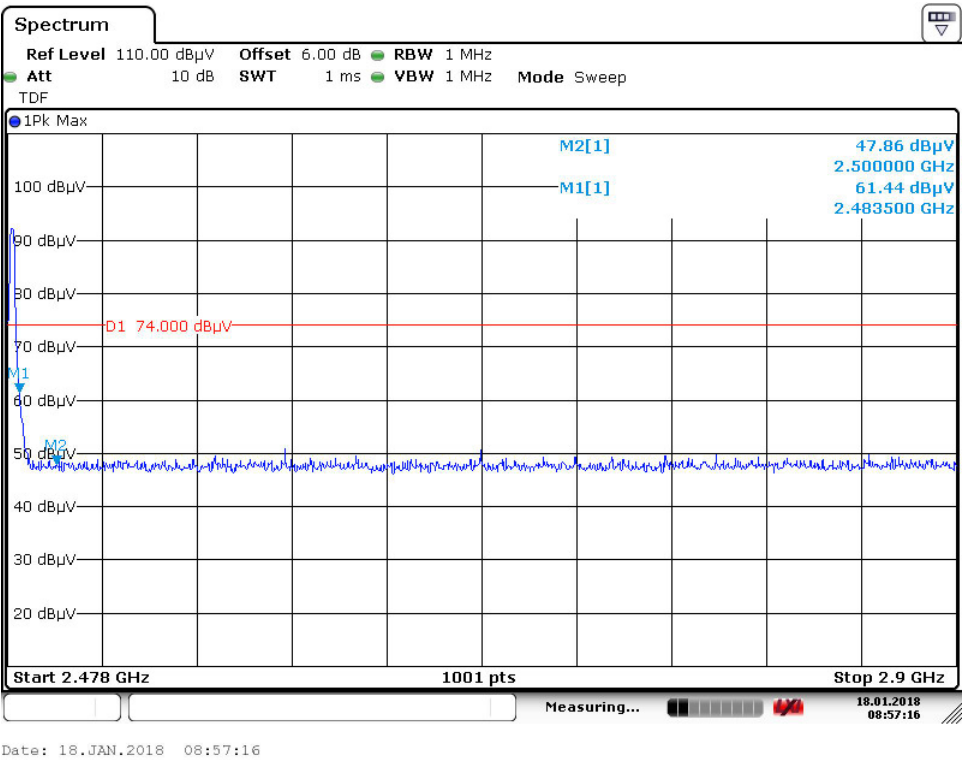
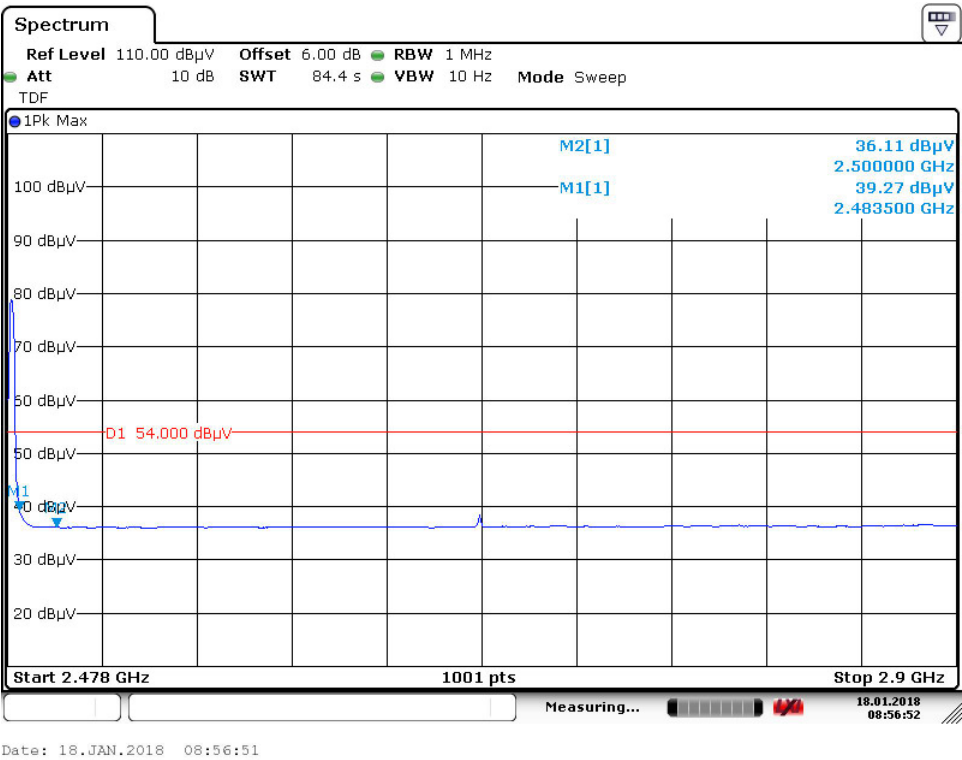


Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



High Channel (Ver)



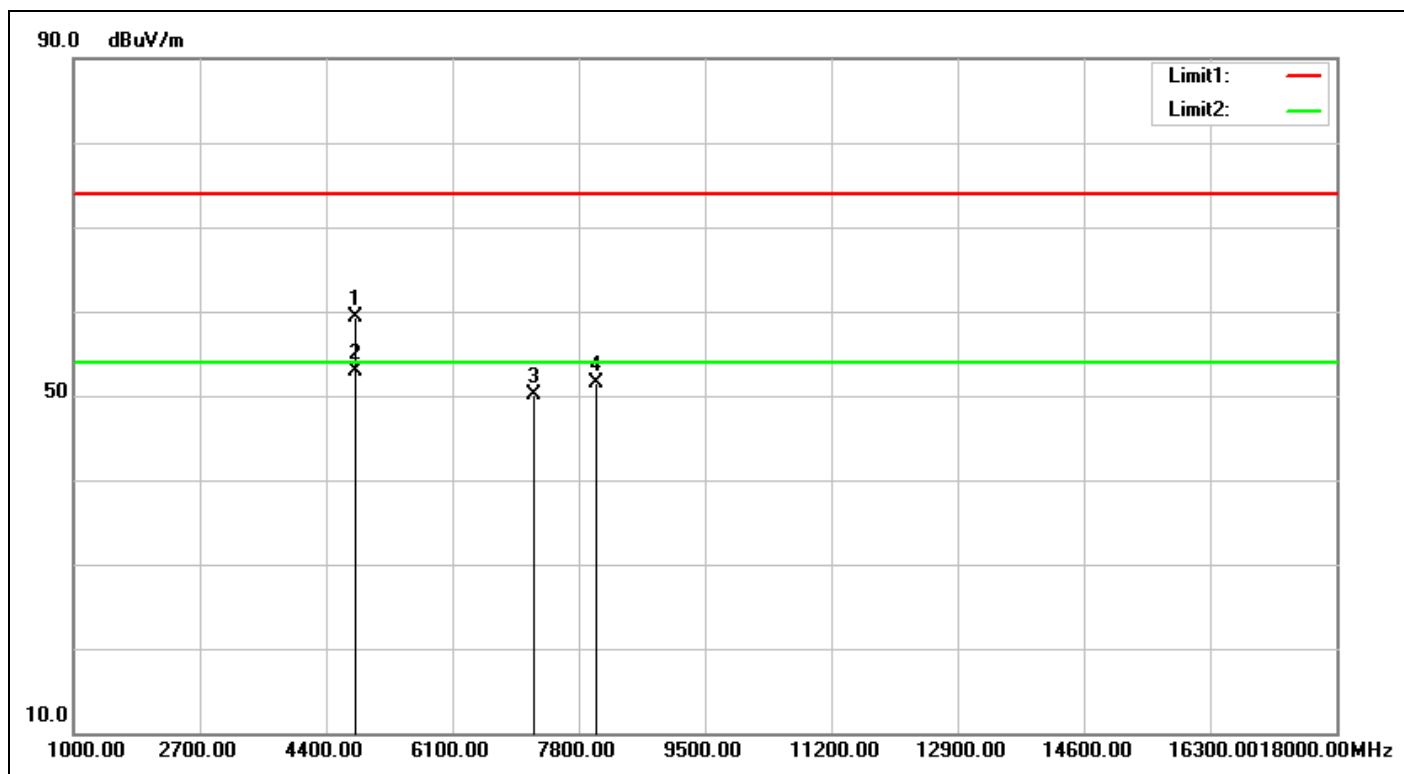
Spurious Emissions, TX Mode, 1-18G



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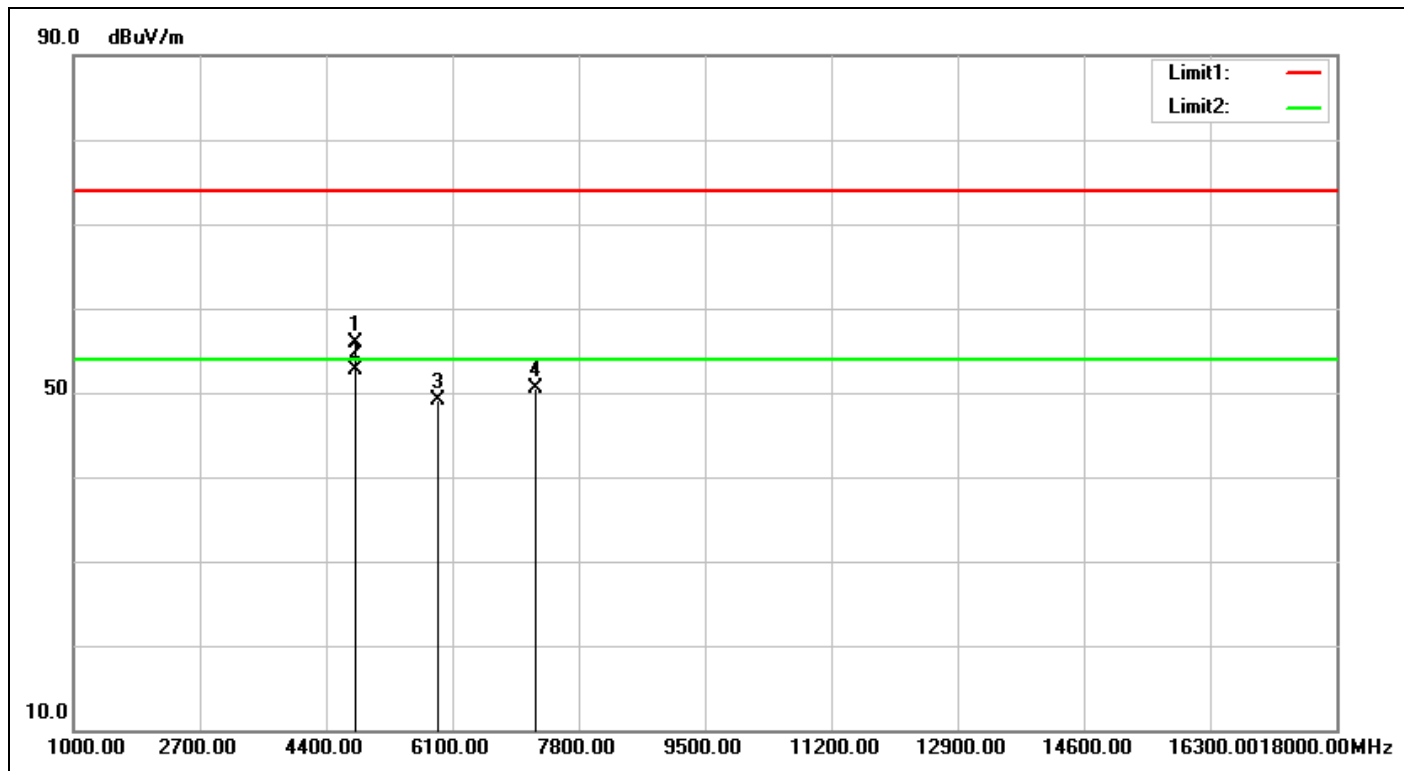
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



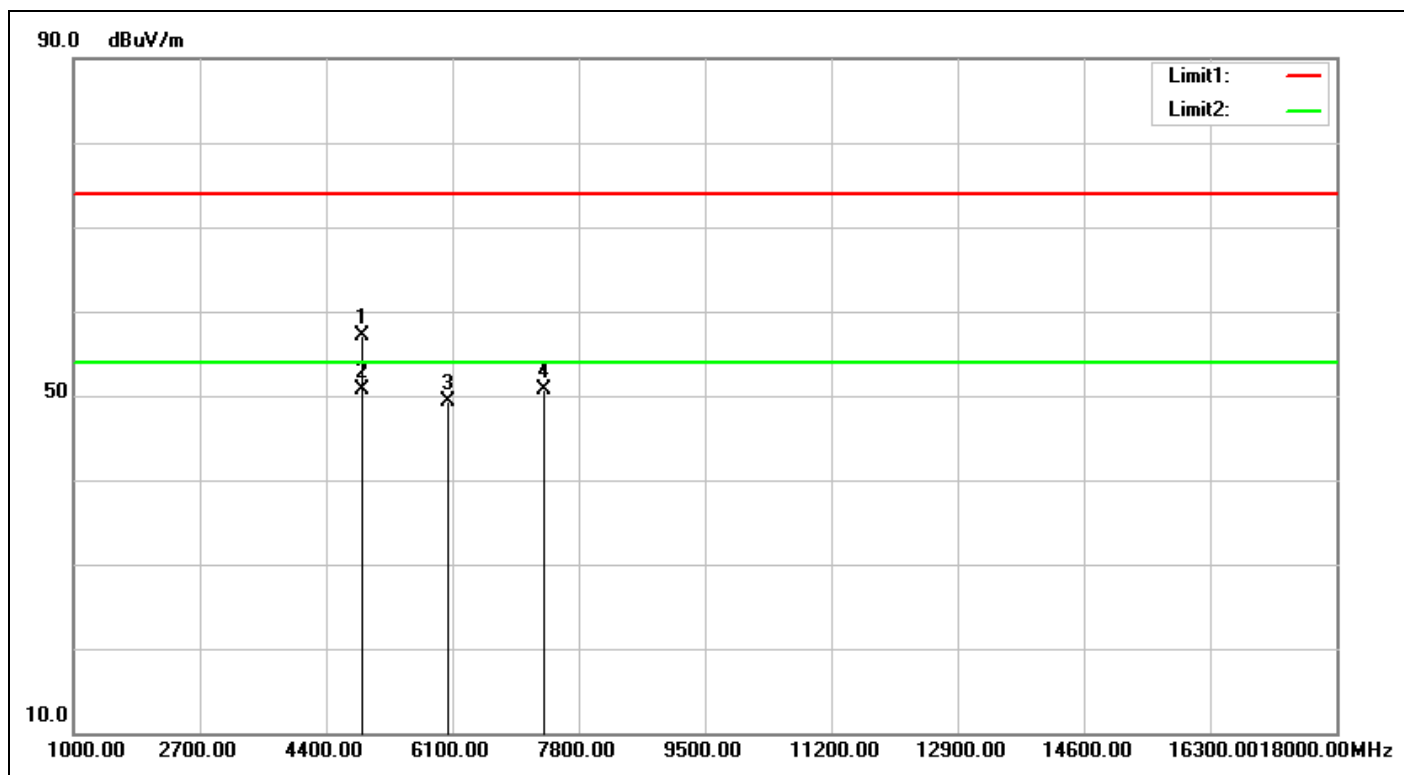
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 20:57:33
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4791.000	-2.75	62.08	59.33	74.00	-14.67	peak	100	233	
2	4791.000	-2.75	55.64	52.89	54.00	-1.11	AVG	100	233	
3	7206.000	5.25	44.84	50.09	74.00	-23.91	peak	100	130	
4	8038.000	5.86	45.63	51.49	74.00	-22.51	peak	100	122	



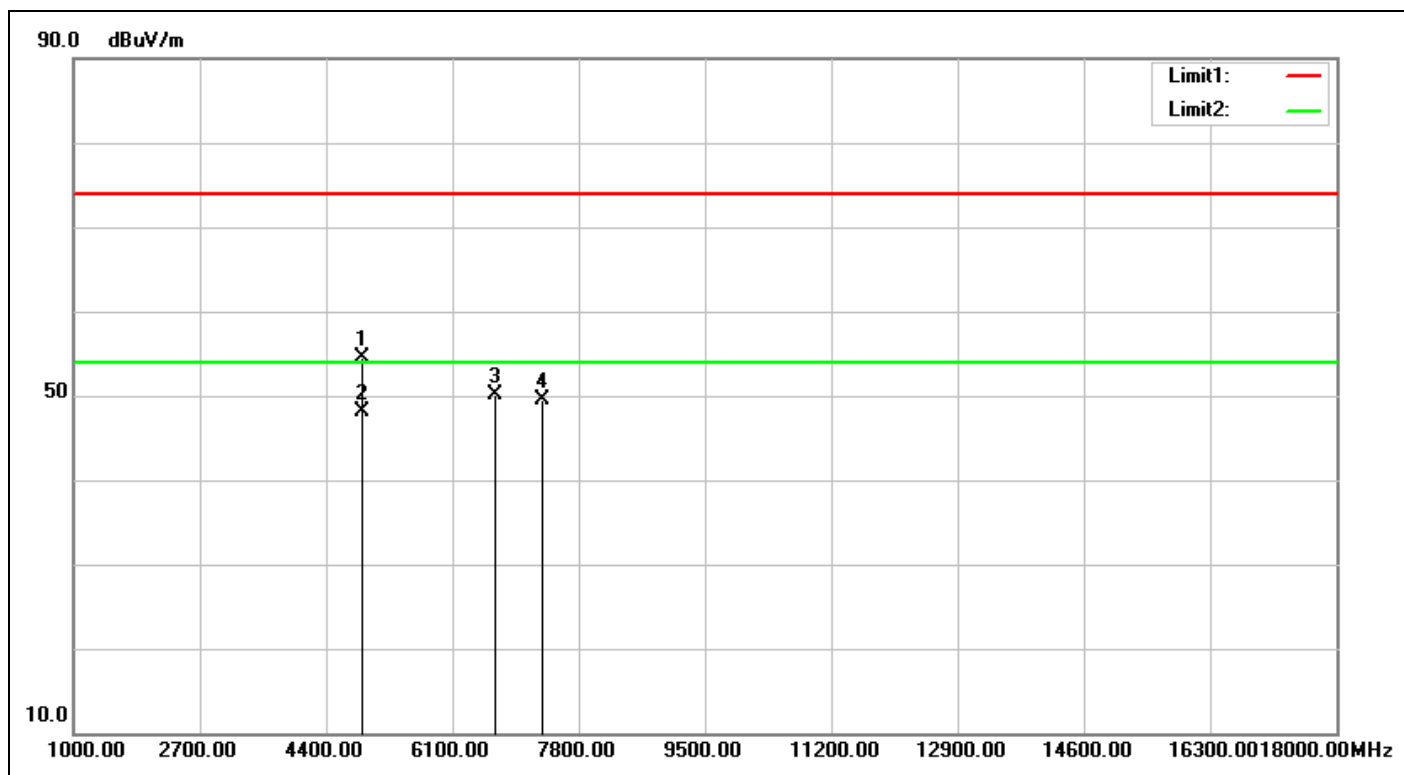
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 20:58:36
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	58.65	55.93	74.00	-18.07	peak	100	180	
2	4804.000	-2.72	55.43	52.71	54.00	-1.29	AVG	100	180	
3	5896.000	2.72	46.32	49.04	74.00	-24.96	peak	100	138	
4	7206.000	5.25	45.27	50.52	74.00	-23.48	peak	100	165	



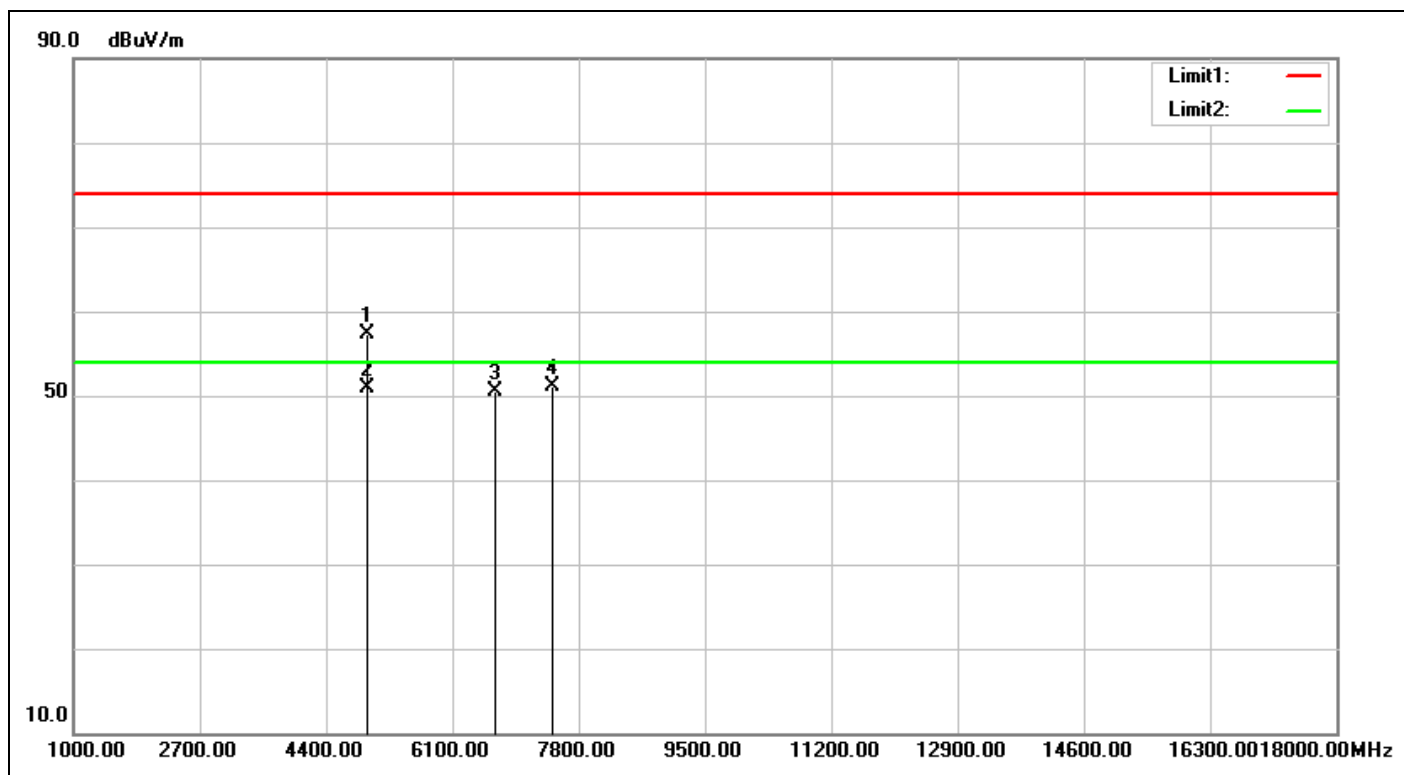
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Test item:	Radiation Emission	Test Time:	2018/1/17 21:06:25
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.50	59.68	57.18	74.00	-16.82	peak	100	230	
2	4882.000	-2.50	53.18	50.68	54.00	-3.32	AVG	100	230	
3	6049.000	3.59	45.68	49.27	74.00	-24.73	peak	100	255	
4	7323.000	5.54	45.25	50.79	74.00	-23.21	peak	100	196	



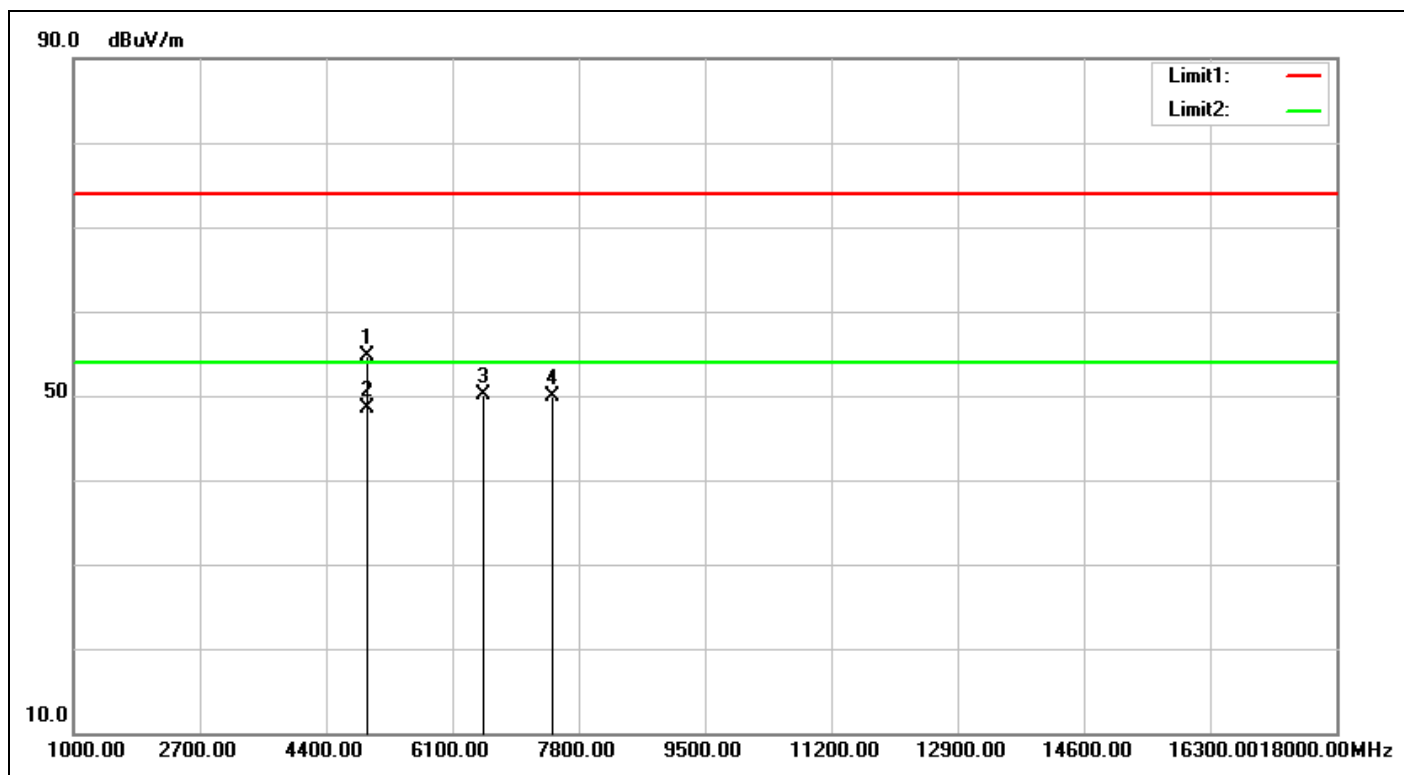
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Test item:	Radiation Emission	Test Time:	2018/1/17 21:07:27
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.50	57.07	54.57	74.00	-19.43	peak	100	358	
2	4882.000	-2.50	50.57	48.07	54.00	-5.93	AVG	100	358	
3	6678.000	5.14	45.03	50.17	74.00	-23.83	peak	100	183	
4	7323.000	5.54	43.98	49.52	74.00	-24.48	peak	100	125	



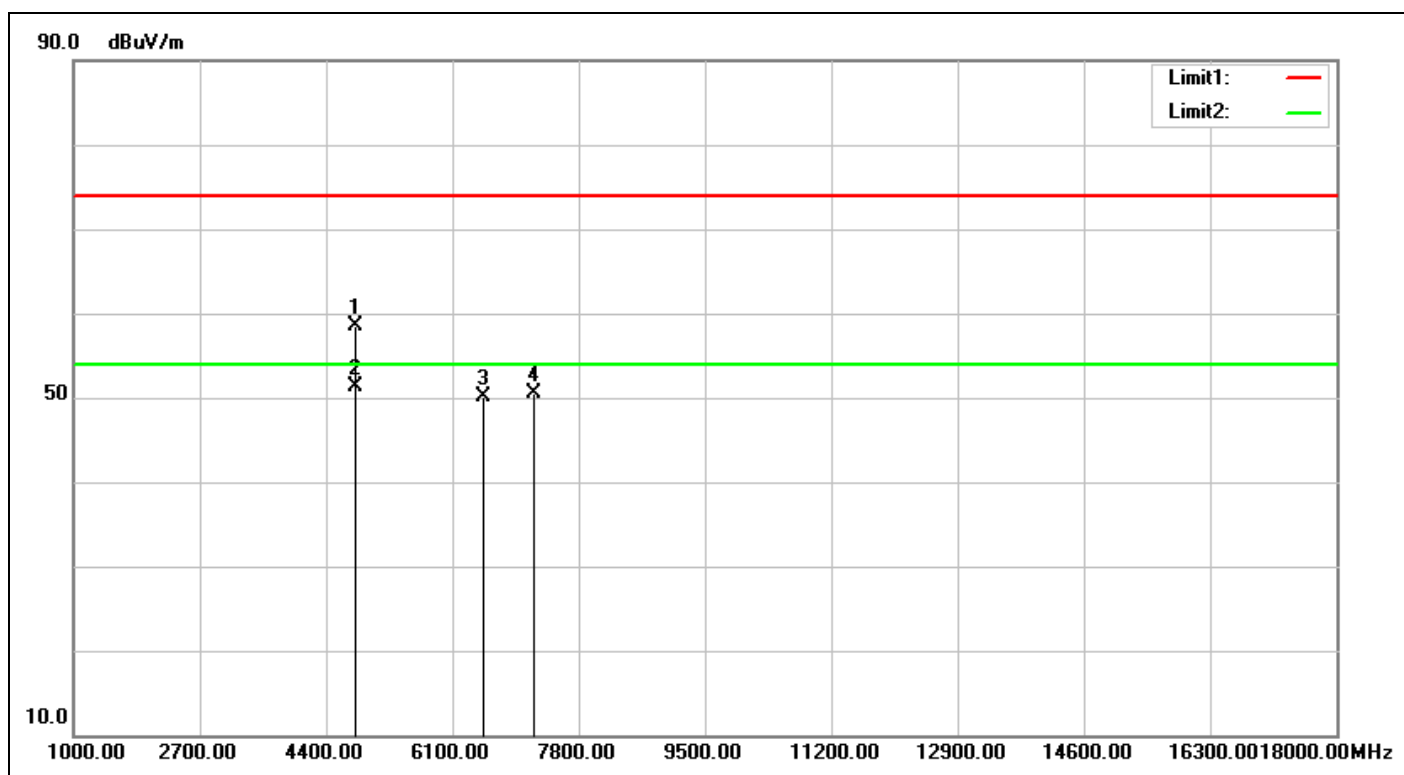
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Test item:	Radiation Emission	Test Time:	2018/1/17 21:12:04
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	59.65	57.37	74.00	-16.63	peak	100	227	
2	4960.000	-2.28	53.24	50.96	54.00	-3.04	AVG	100	227	
3	6678.000	5.14	45.43	50.57	74.00	-23.43	peak	100	108	
4	7440.000	5.84	45.22	51.06	74.00	-22.94	peak	100	196	



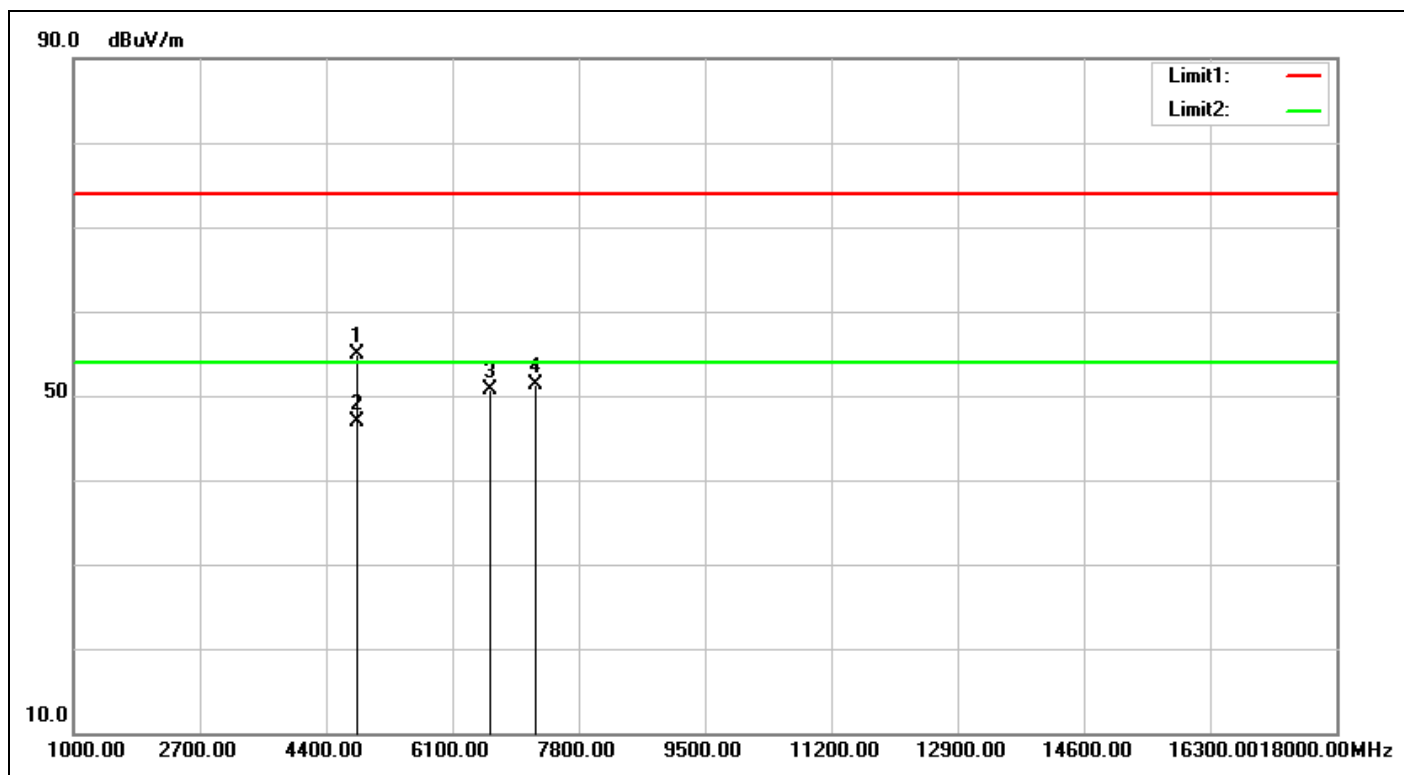
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Test item:	Radiation Emission	Test Time:	2018/1/17 21:13:07
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	56.98	54.70	74.00	-19.30	peak	100	150	
2	4960.000	-2.28	50.74	48.46	54.00	-5.54	AVG	100	150	
3	6508.000	5.35	44.66	50.01	74.00	-23.99	peak	100	249	
4	7440.000	5.84	44.06	49.90	74.00	-24.10	peak	100	168	



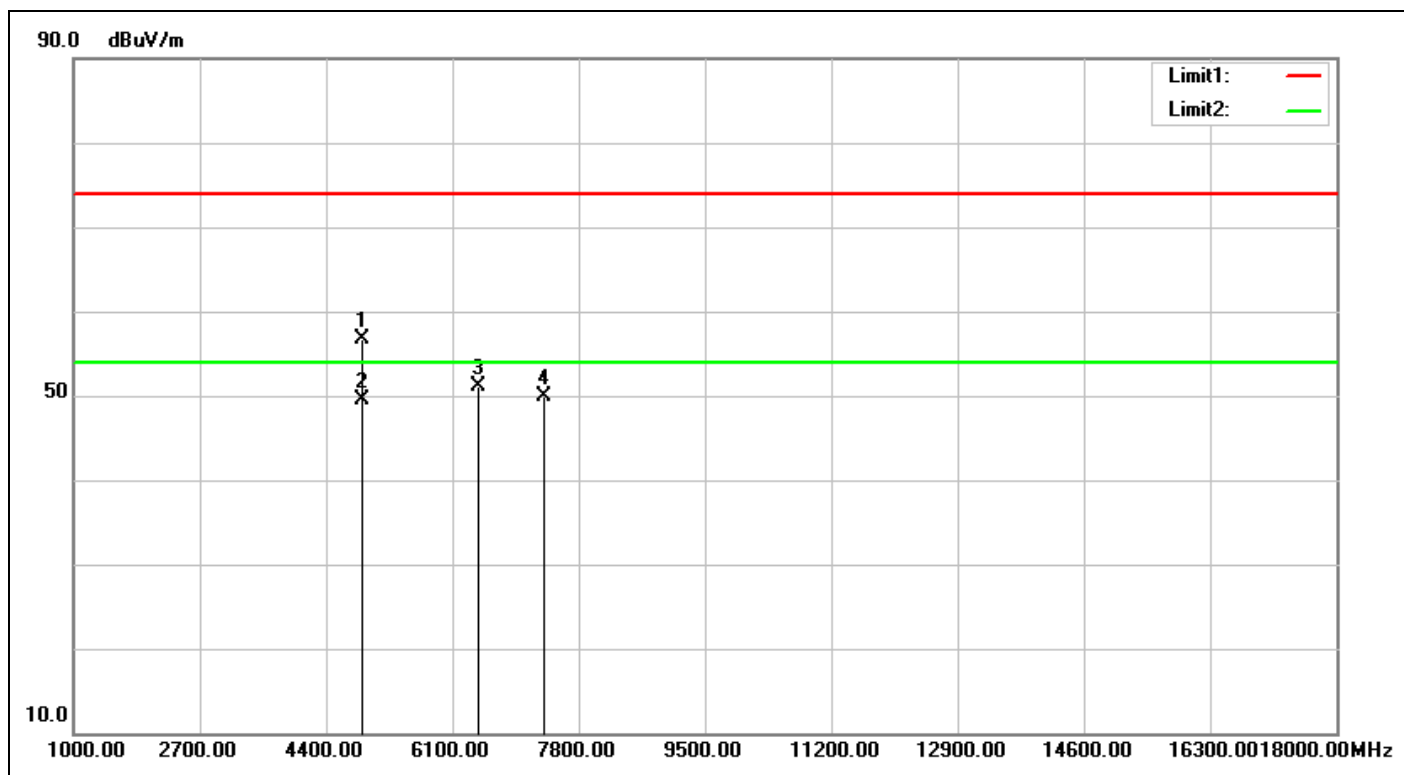
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 21:17:31
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	61.18	58.46	74.00	-15.54	peak	100	10	
2	4804.000	-2.72	54.02	51.30	54.00	-2.70	AVG	100	10	
3	6508.000	5.35	44.75	50.10	74.00	-23.90	peak	100	241	
4	7206.000	5.25	45.16	50.41	74.00	-23.59	peak	100	163	



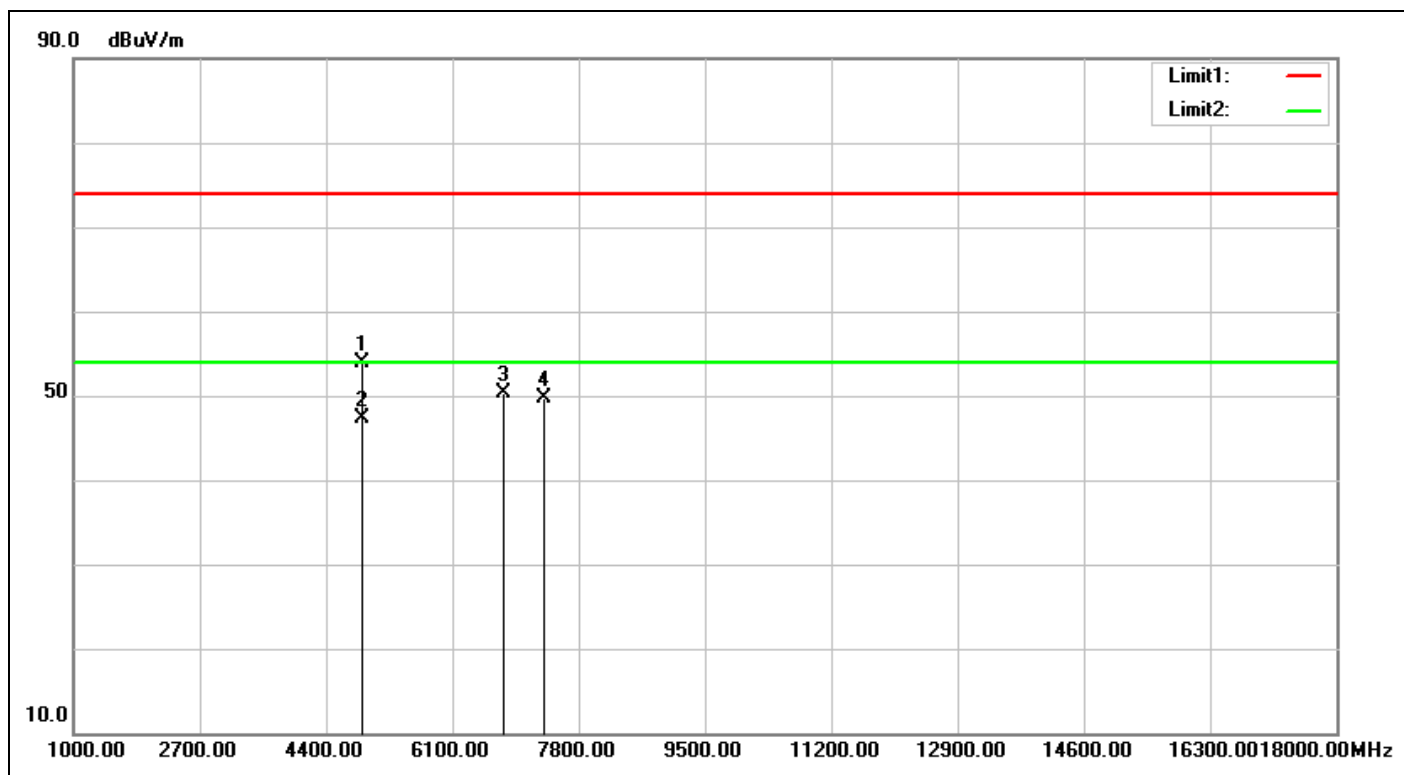
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 21:18:34
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	57.69	54.97	74.00	-19.03	peak	100	354	
2	4804.000	-2.72	49.63	46.91	54.00	-7.09	AVG	100	354	
3	6610.000	5.23	45.42	50.65	74.00	-23.35	peak	100	163	
4	7206.000	5.25	46.02	51.27	74.00	-22.73	peak	100	196	



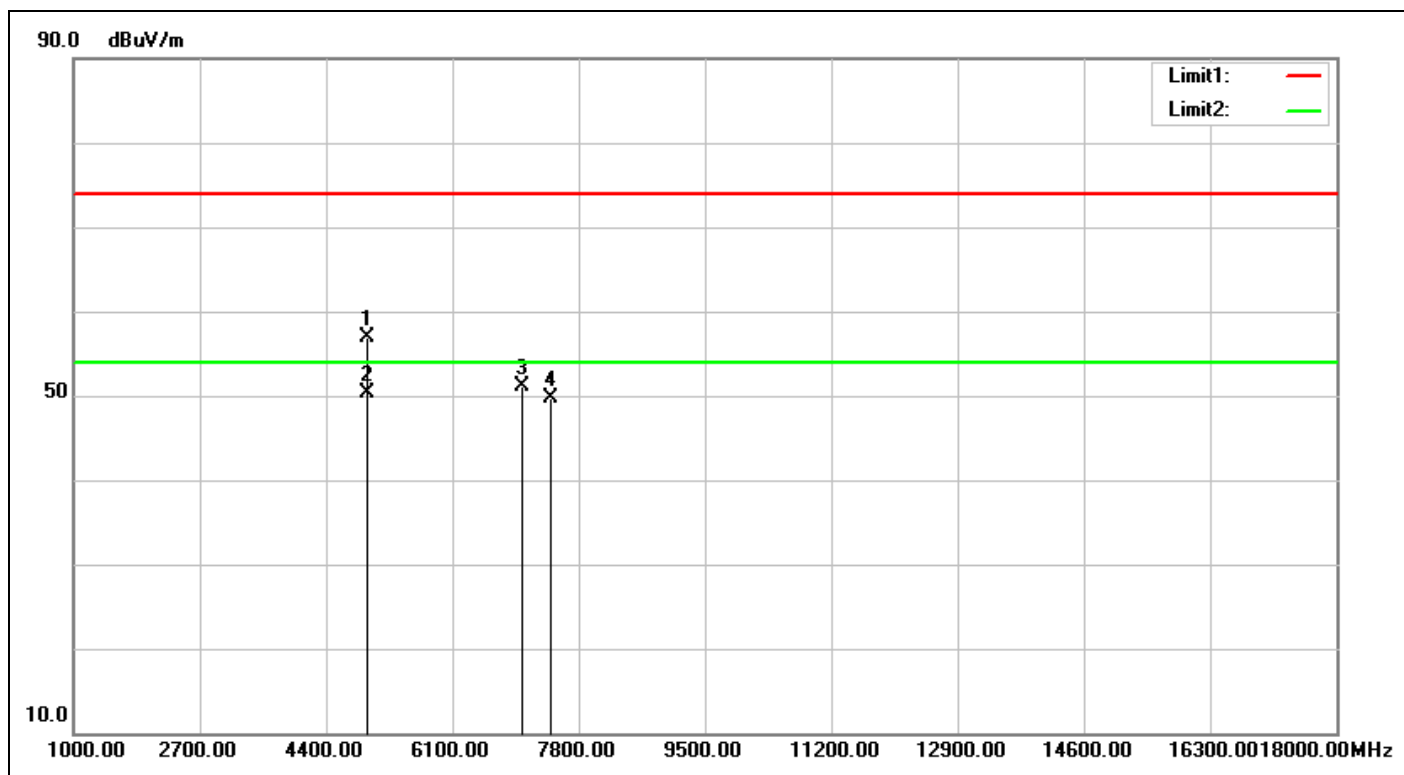
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 21:23:11
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.50	59.23	56.73	74.00	-17.27	peak	100	360	
2	4882.000	-2.50	52.02	49.52	54.00	-4.48	AVG	100	360	
3	6440.000	5.13	46.04	51.17	74.00	-22.83	peak	100	359	
4	7323.000	5.54	44.37	49.91	74.00	-24.09	peak	100	139	



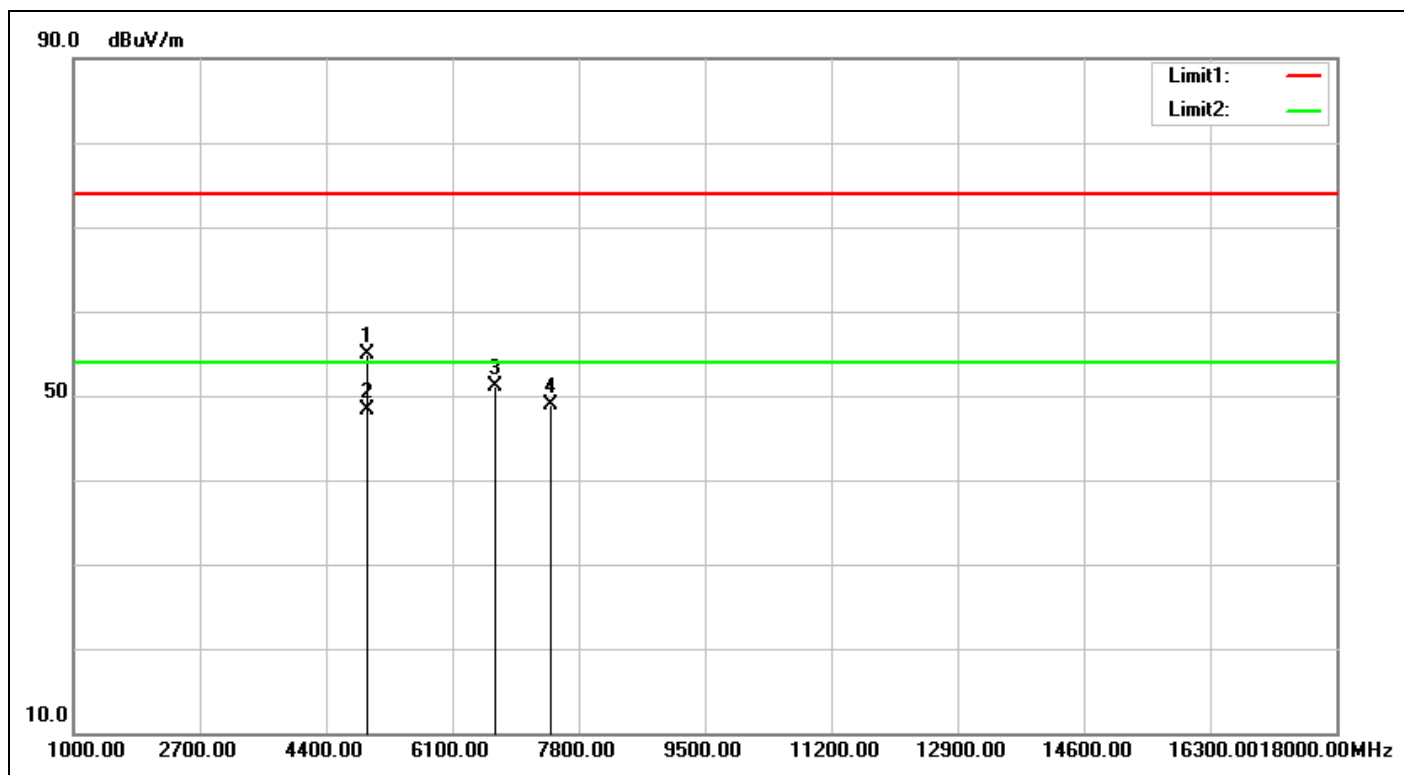
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 21:24:14
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.50	56.38	53.88	74.00	-20.12	peak	100	0	
2	4882.000	-2.50	49.89	47.39	54.00	-6.61	AVG	100	0	
3	6780.000	5.01	45.30	50.31	74.00	-23.69	peak	100	199	
4	7323.000	5.54	44.14	49.68	74.00	-24.32	peak	100	128	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 21:28:49
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	59.21	56.93	74.00	-17.07	peak	100	359	
2	4960.000	-2.28	52.65	50.37	54.00	-3.63	AVG	100	359	
3	7035.000	4.82	46.23	51.05	74.00	-22.95	peak	100	61	
4	7440.000	5.84	43.94	49.78	74.00	-24.22	peak	100	196	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 21:29:52
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	57.25	54.97	74.00	-19.03	peak	100	1	
2	4960.000	-2.28	50.55	48.27	54.00	-5.73	AVG	100	1	
3	6678.000	5.14	46.03	51.17	74.00	-22.83	peak	100	260	
4	7440.000	5.84	43.15	48.99	74.00	-25.01	peak	100	196	

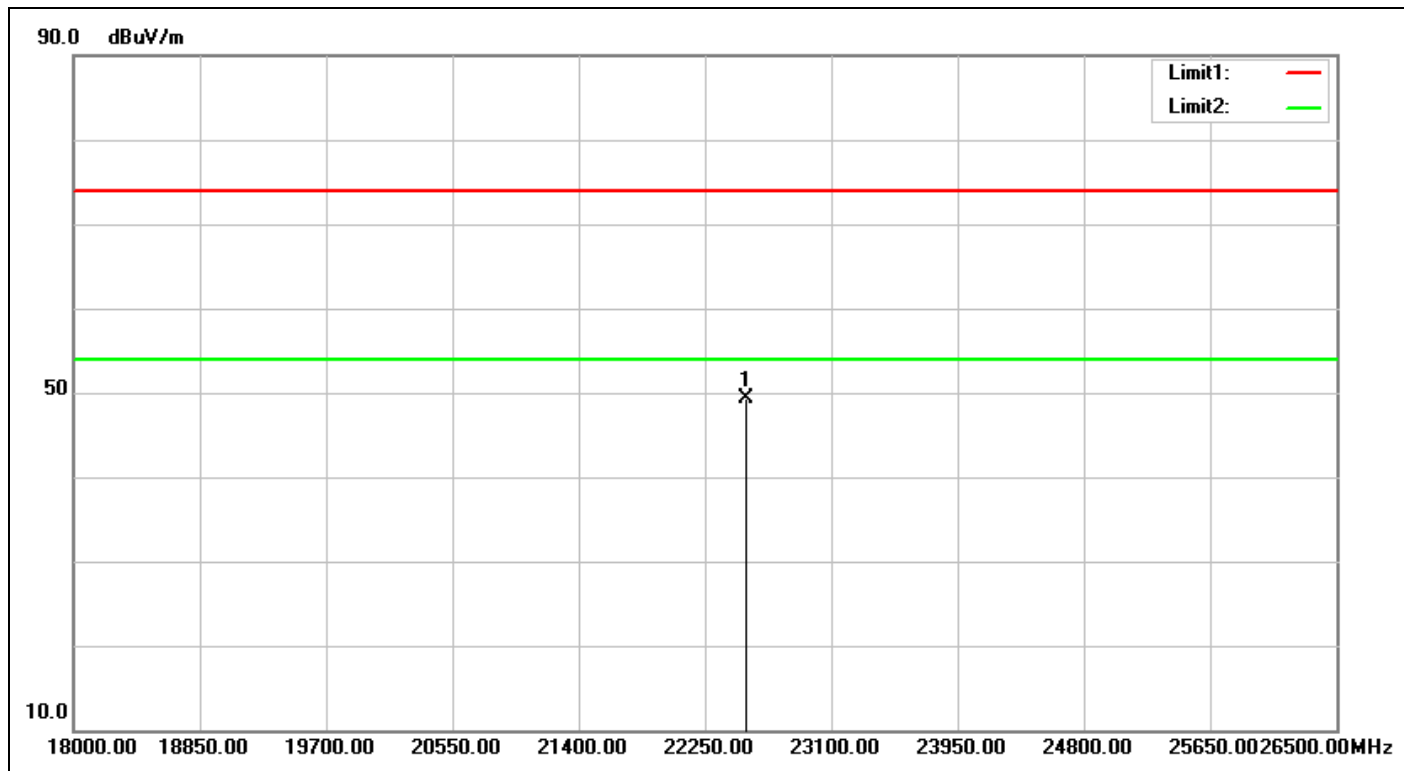
Spurious Emissions, TX Mode, 18-26G



TUV Rheinland Taiwan Ltd.

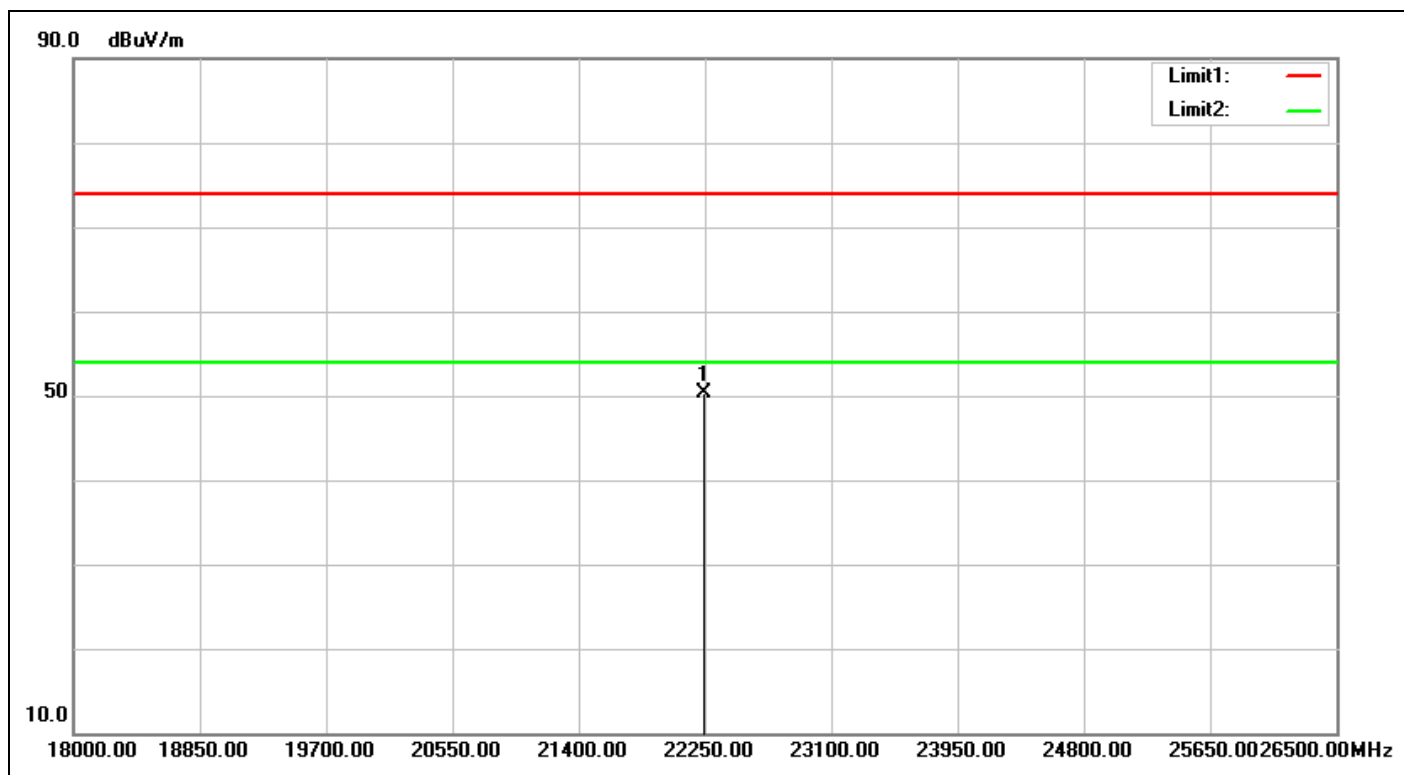
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



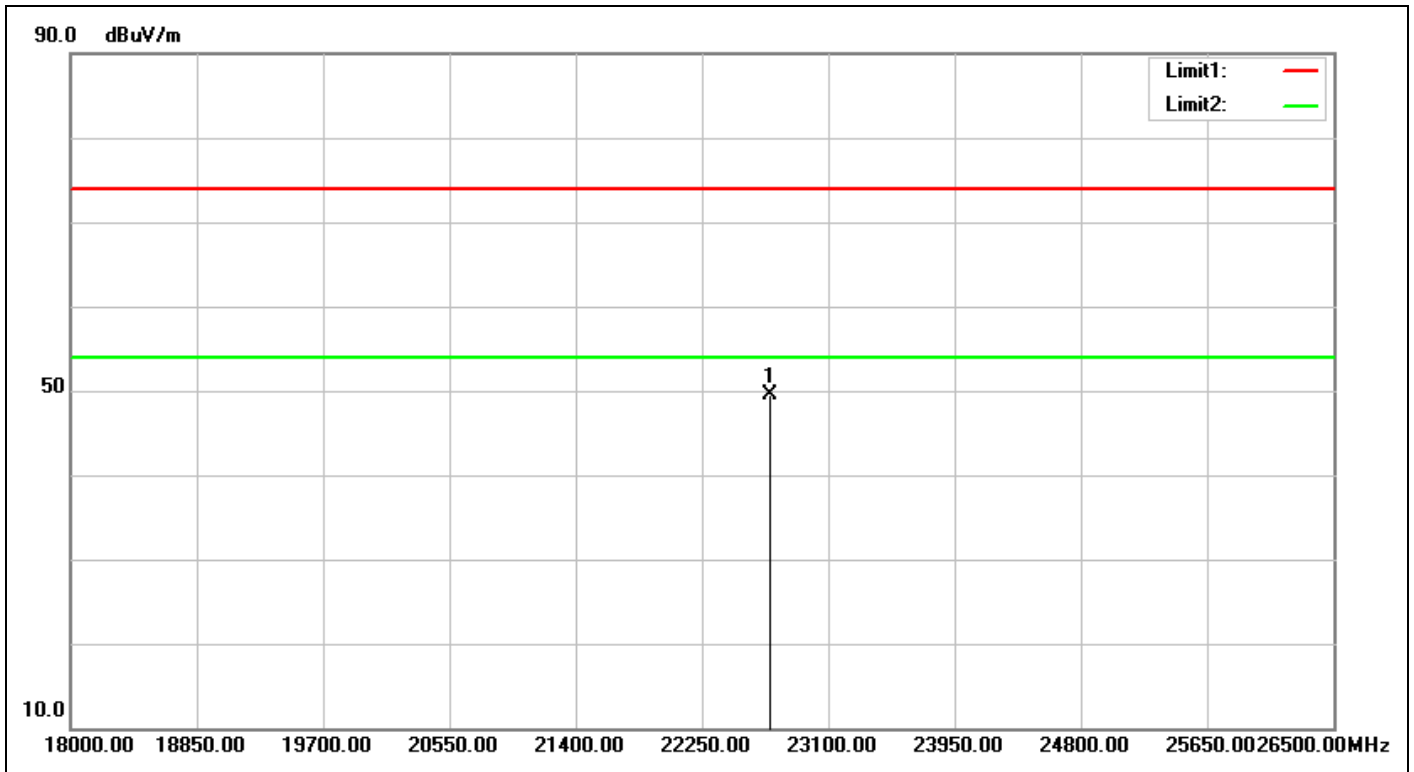
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:34:26
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22530.500	32.16	17.08	49.24	74.00	-24.76	peak	100	196	



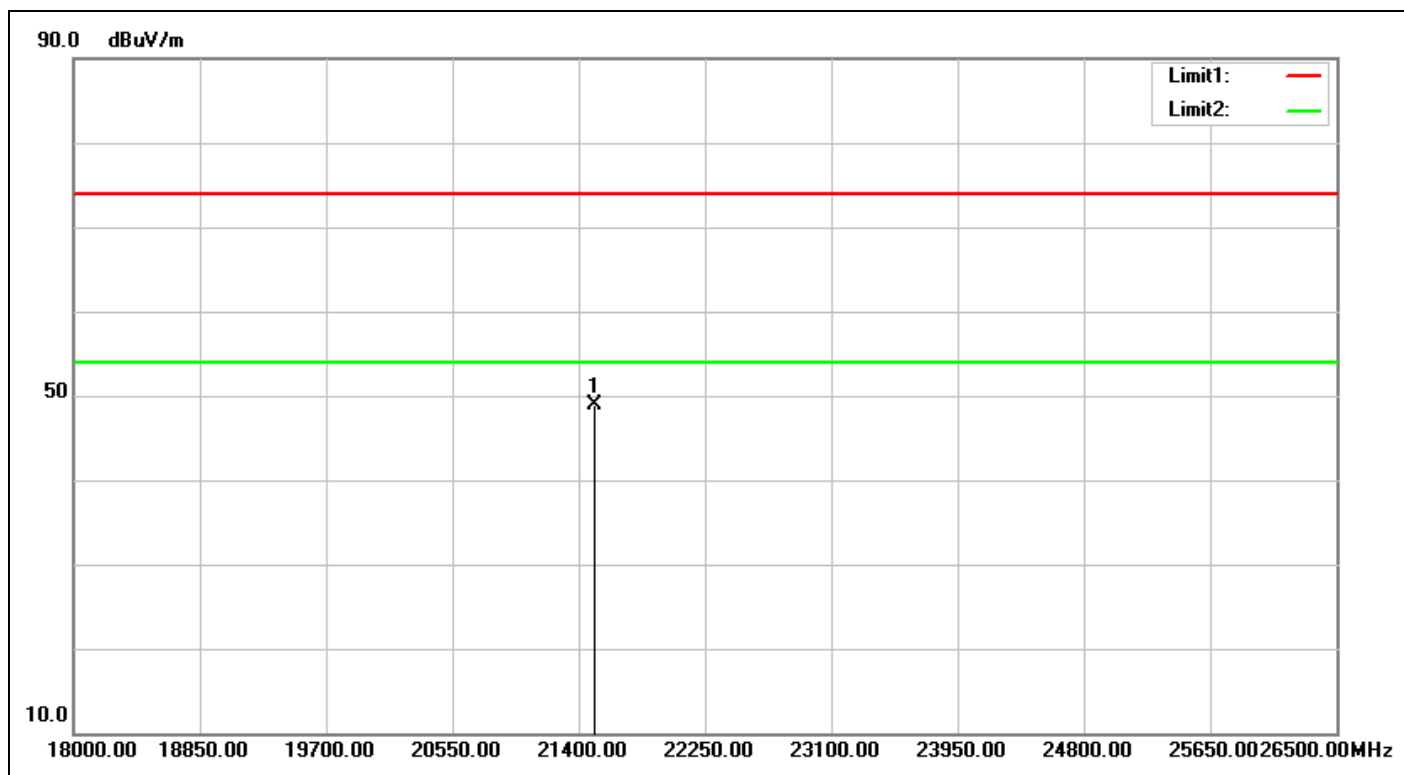
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:34:07
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22241.500	32.05	18.24	50.29	74.00	-23.71	peak	100	189	



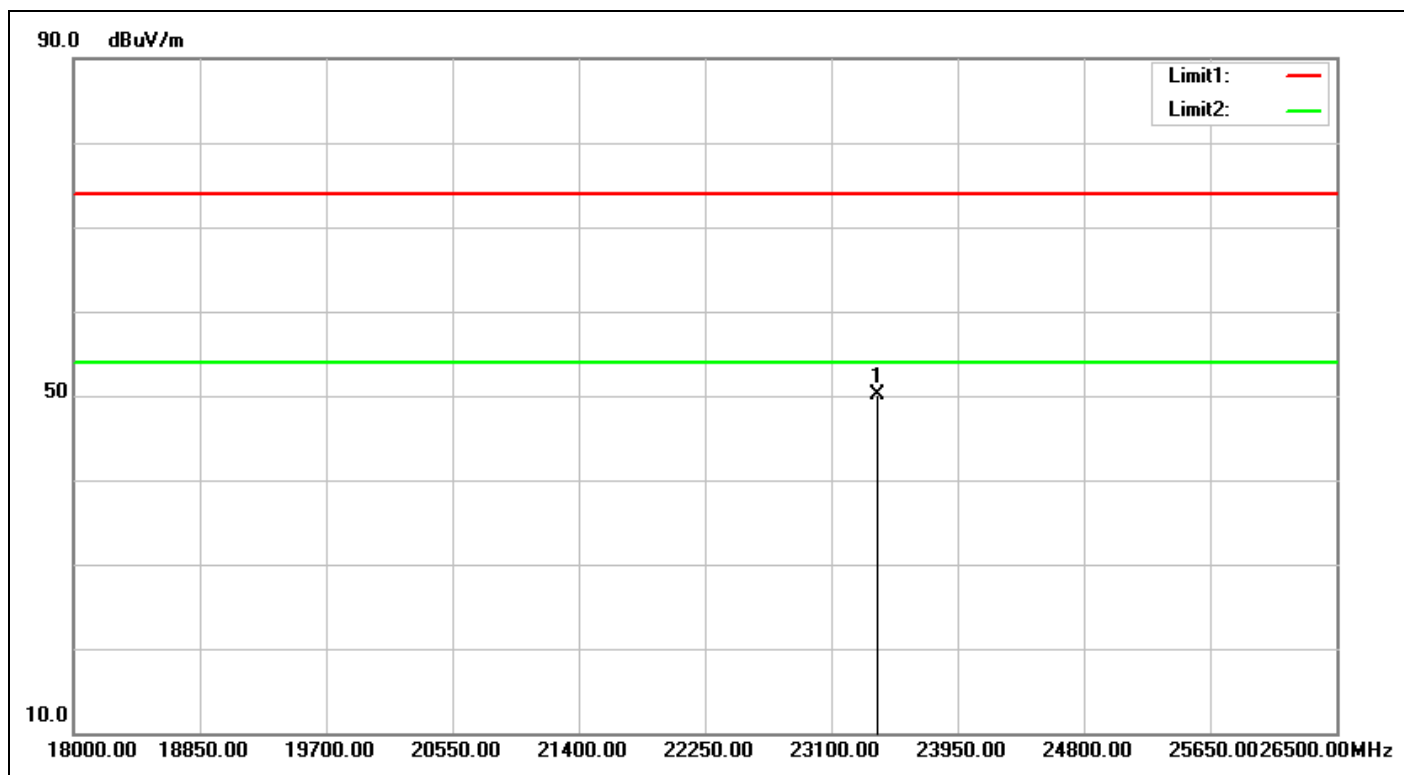
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:35:05
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22709.000	32.22	17.36	49.58	74.00	-24.42	peak	100	164	



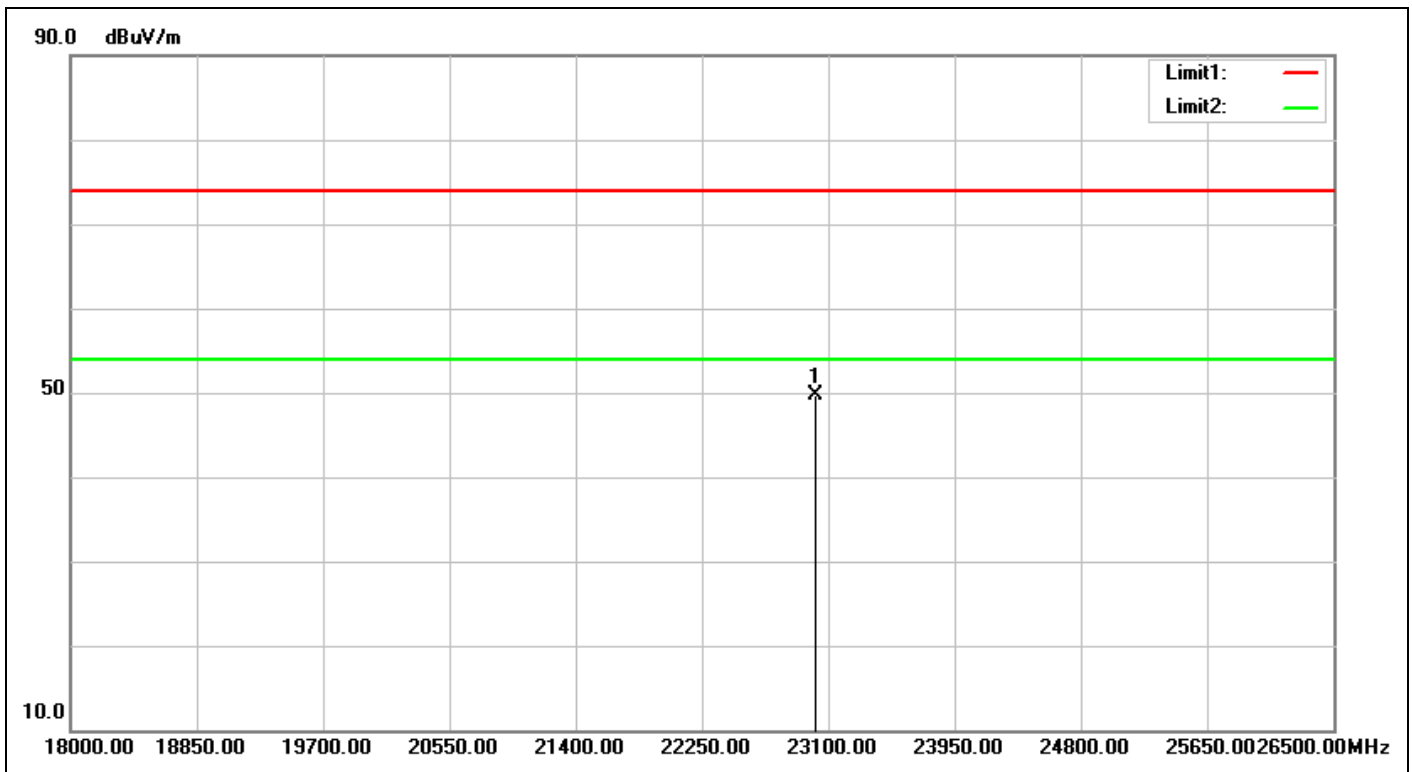
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:34:51
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%):	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21510.500	32.23	16.77	49.00	74.00	-25.00	peak	100	128	



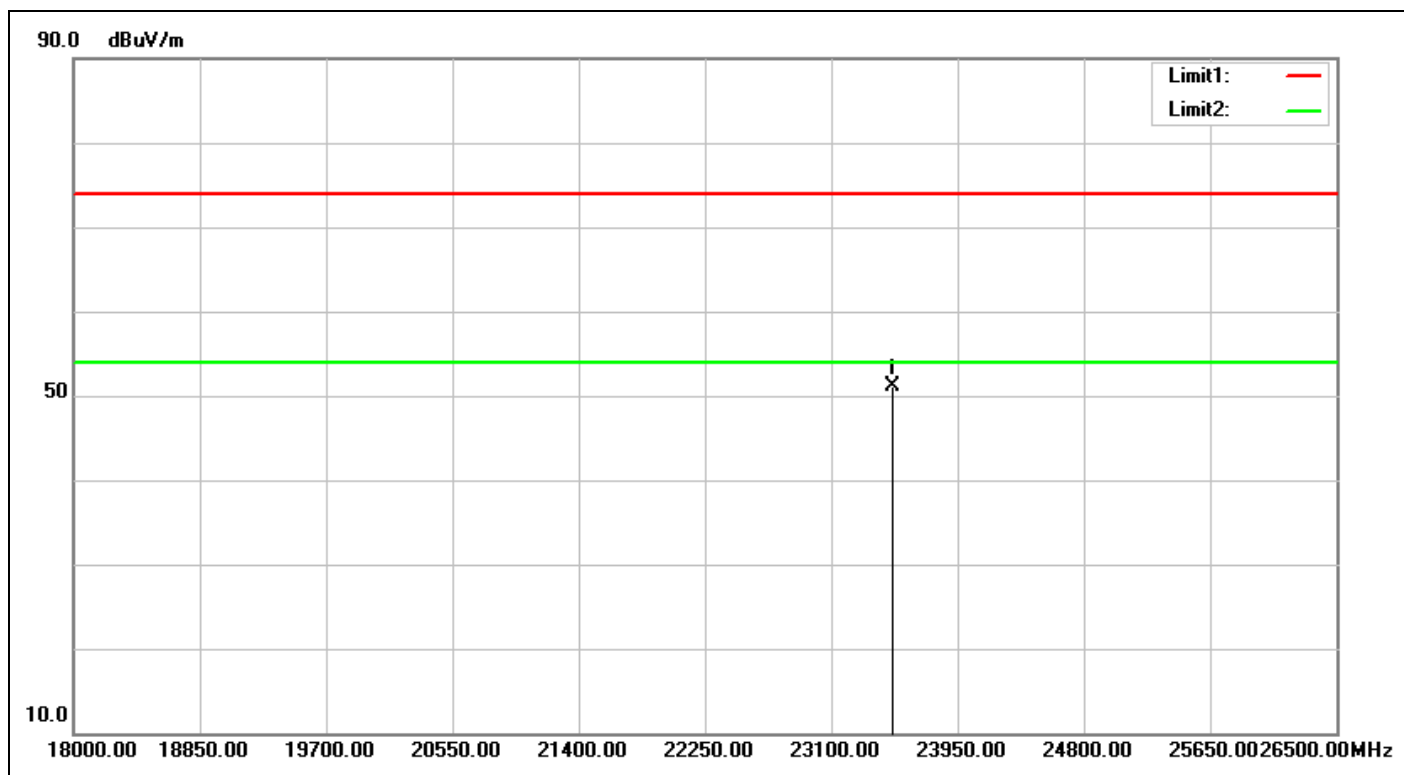
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:35:41
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23414.500	32.74	17.37	50.11	74.00	-23.89	peak	100	186	



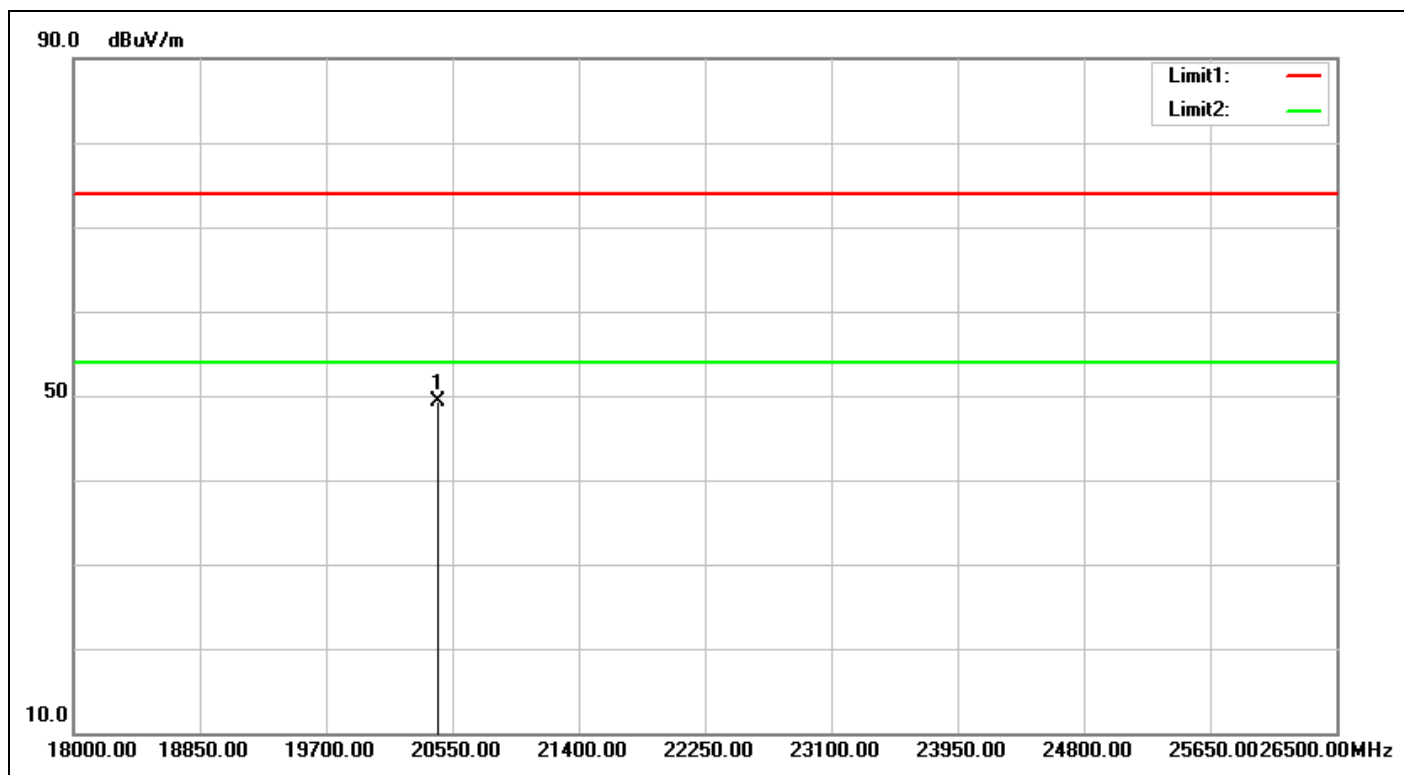
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:35:27
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%):	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23015.000	32.35	17.30	49.65	74.00	-24.35	peak	100	158	



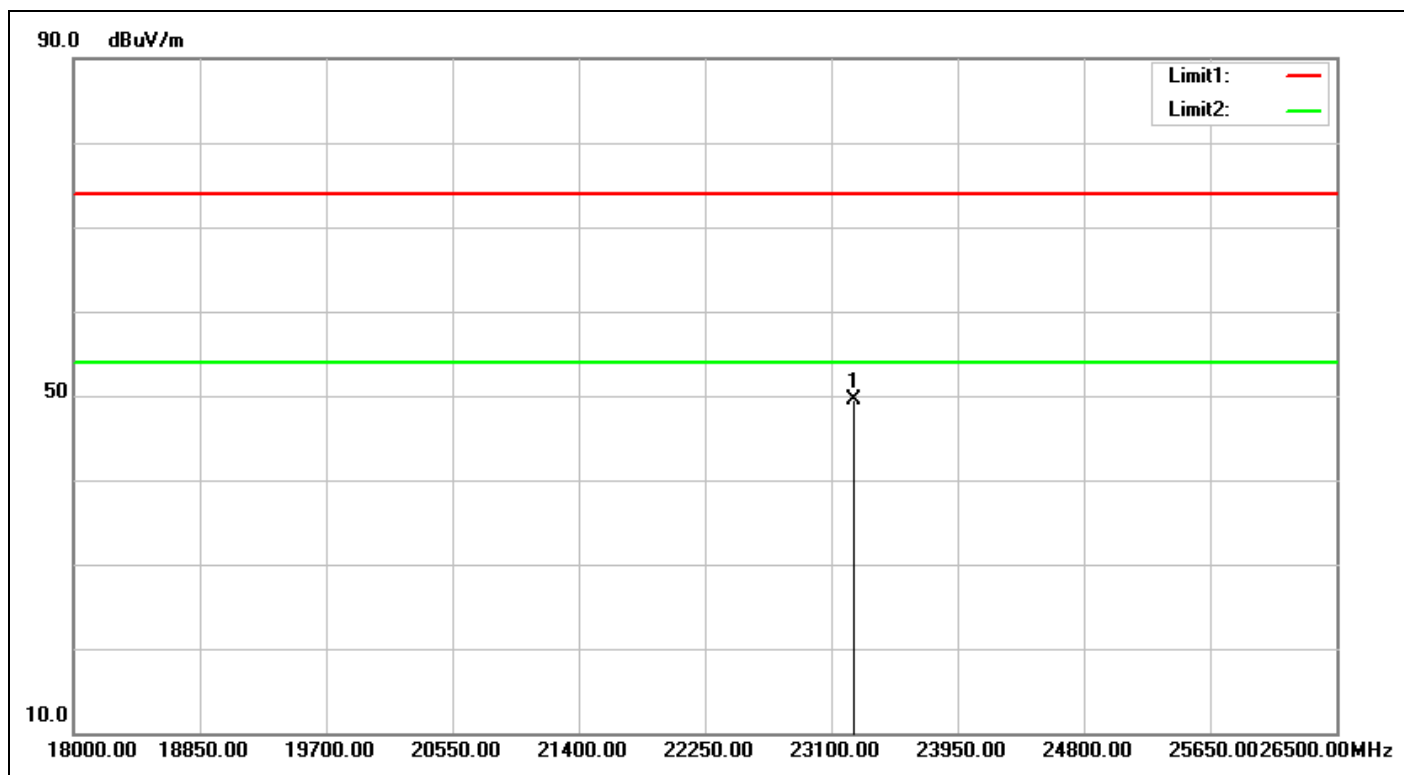
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:36:26
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%):	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23516.500	32.82	18.20	51.02	74.00	-22.98	peak	100	257	



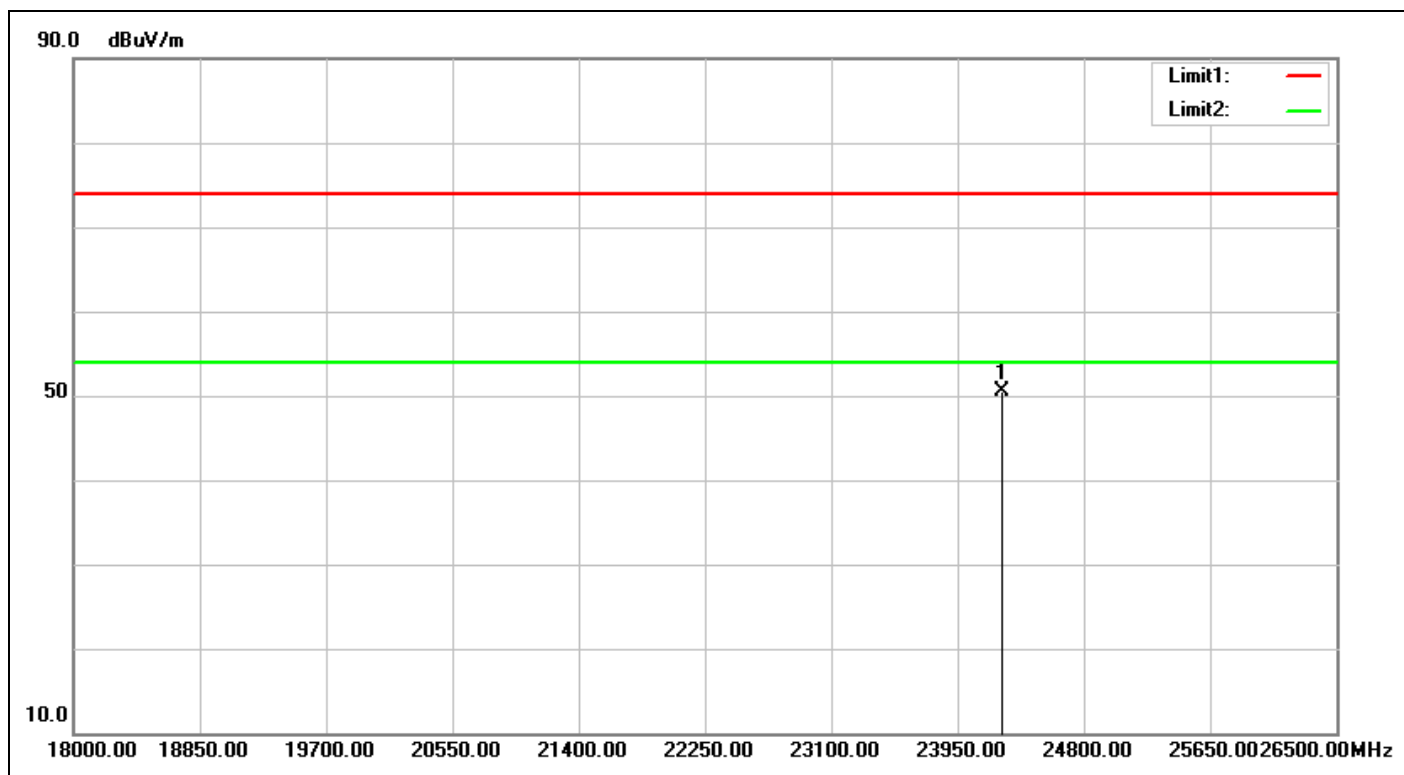
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:36:13
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20456.500	30.95	18.39	49.34	74.00	-24.66	peak	100	193	



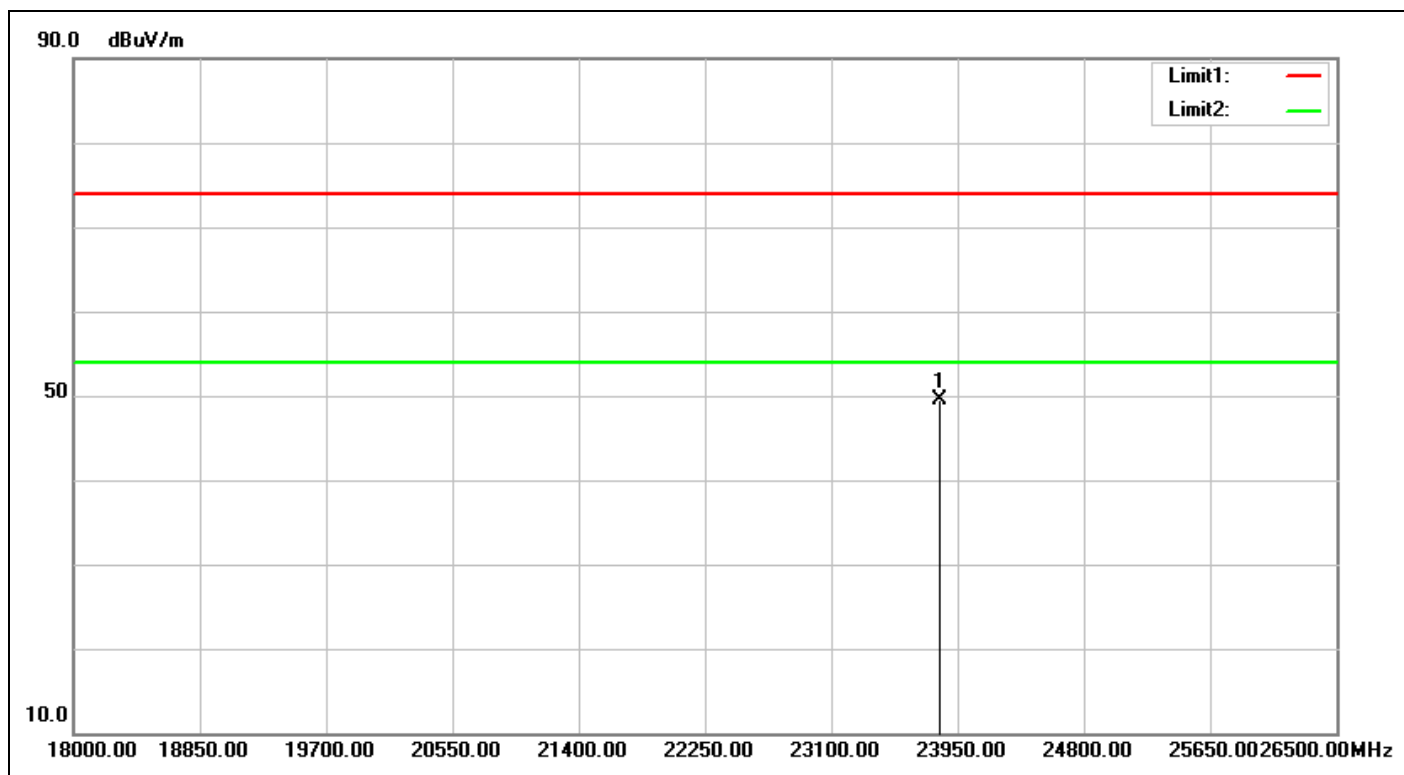
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:37:10
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23253.000	32.58	16.92	49.50	74.00	-24.50	peak	100	320	



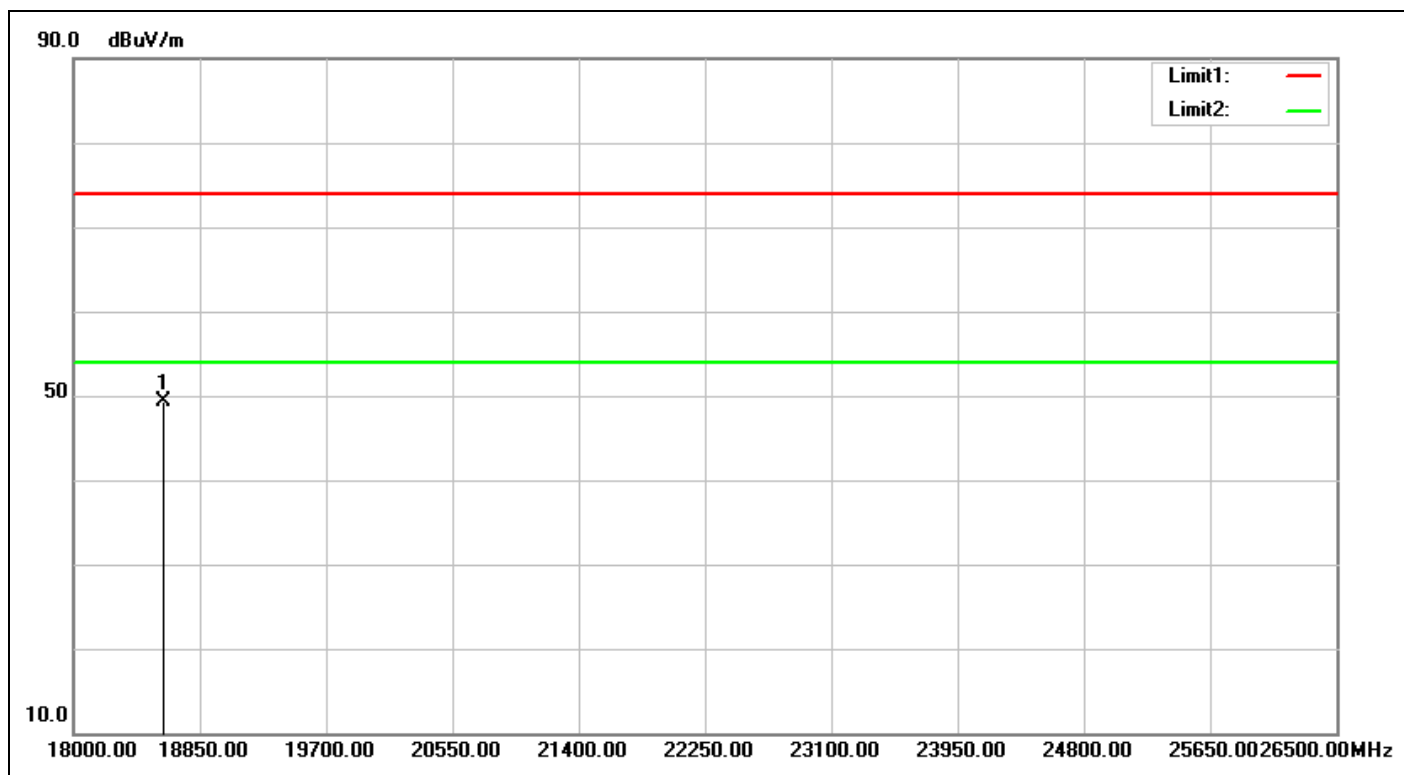
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:36:39
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24247.500	32.50	18.01	50.51	74.00	-23.49	peak	100	237	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:37:45
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23831.000	32.56	17.03	49.59	74.00	-24.41	peak	100	163	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:37:29
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%):	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18603.500	28.59	20.72	49.31	74.00	-24.69	peak	100	197	

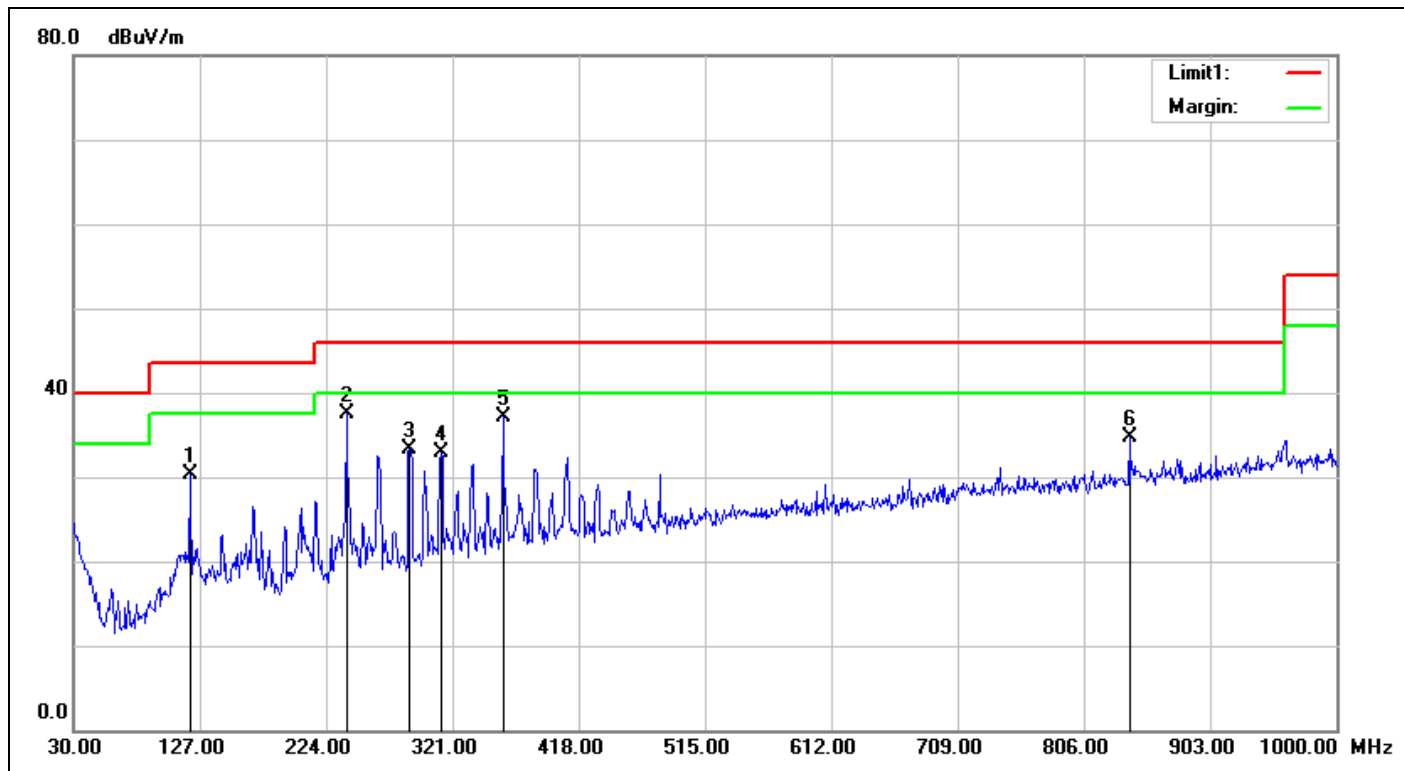
Spurious Emissions, TX Mode, 30M-1G



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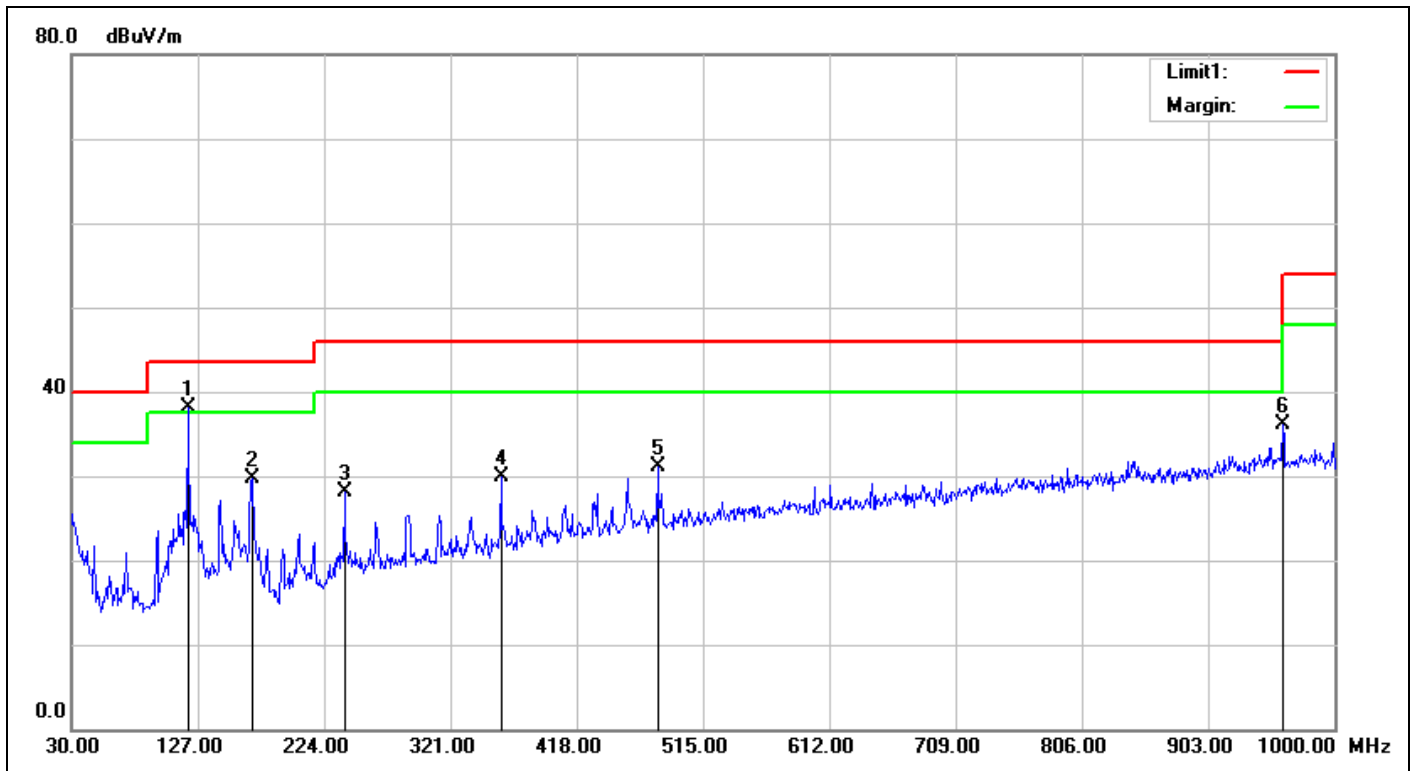
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 19:20:04
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	119.2400	-7.50	37.78	30.28	43.50	-13.22	QP	100	133	
2	239.5200	-6.85	44.45	37.60	46.00	-8.40	QP	100	296	
3	288.0200	-4.88	38.16	33.28	46.00	-12.72	QP	100	192	
4	312.2700	-4.26	37.25	32.99	46.00	-13.01	QP	100	192	
5	359.8000	-3.16	40.26	37.10	46.00	-8.90	QP	100	197	
6	840.9200	3.54	31.22	34.76	46.00	-11.24	QP	100	213	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 19:21:07
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	119.2400	-7.50	45.64	38.14	43.50	-5.36	QP	100	230	
2	168.7100	-8.88	38.53	29.65	43.50	-13.85	QP	100	302	
3	239.5200	-6.85	34.88	28.03	46.00	-17.97	QP	100	259	
4	359.8000	-3.16	33.07	29.91	46.00	-16.09	QP	100	147	
5	480.0800	-1.47	32.58	31.11	46.00	-14.89	QP	100	128	
6	960.2300	5.54	30.55	36.09	54.00	-17.91	QP	100	112	

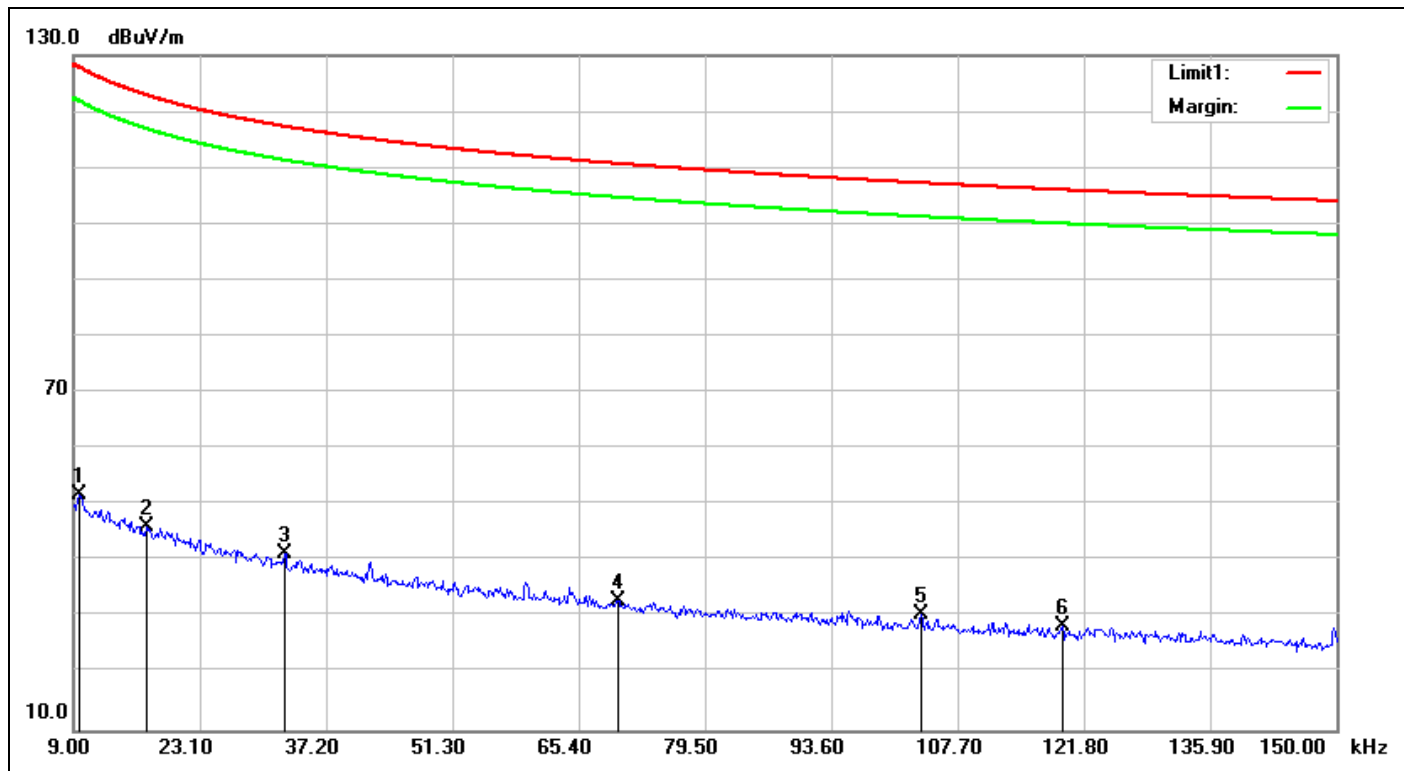
Spurious Emissions, TX Mode, 9k-30M



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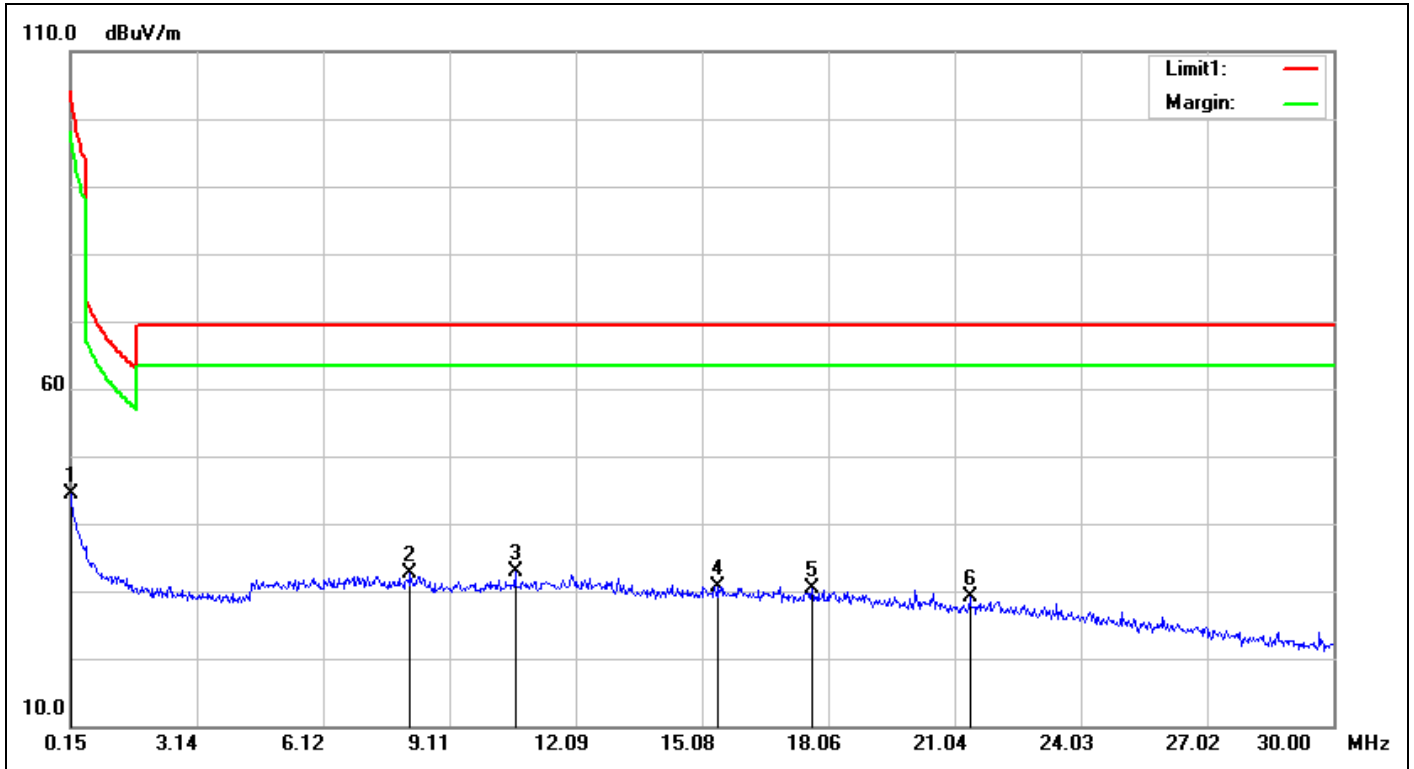
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Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/17 19:31:21
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy. Hsu
Test Mode:	1DH5-2441-T		
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	19.81	31.93	51.74	127.85	-76.11	QP	100	248	
2	0.0171	20.00	26.04	46.04	122.93	-76.89	QP	100	1	
3	0.0325	20.04	21.38	41.42	117.35	-75.93	QP	100	293	
4	0.0697	19.31	13.74	33.05	110.73	-77.68	QP	100	272	
5	0.1036	19.13	11.32	30.45	107.29	-76.84	QP	100	21	
6	0.1194	19.11	9.35	28.46	106.06	-77.60	QP	100	37	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/17 19:34:55
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	25.24	44.32	104.08	-59.76	QP	100	43	
2	8.1796	20.05	12.55	32.60	69.50	-36.90	QP	100	88	
3	10.6572	20.33	12.43	32.76	69.50	-36.74	QP	100	282	
4	15.4630	21.19	9.43	30.62	69.50	-38.88	QP	100	282	
5	17.6719	21.57	8.90	30.47	69.50	-39.03	QP	100	70	
6	21.4031	22.07	7.18	29.25	69.50	-40.25	QP	100	112	

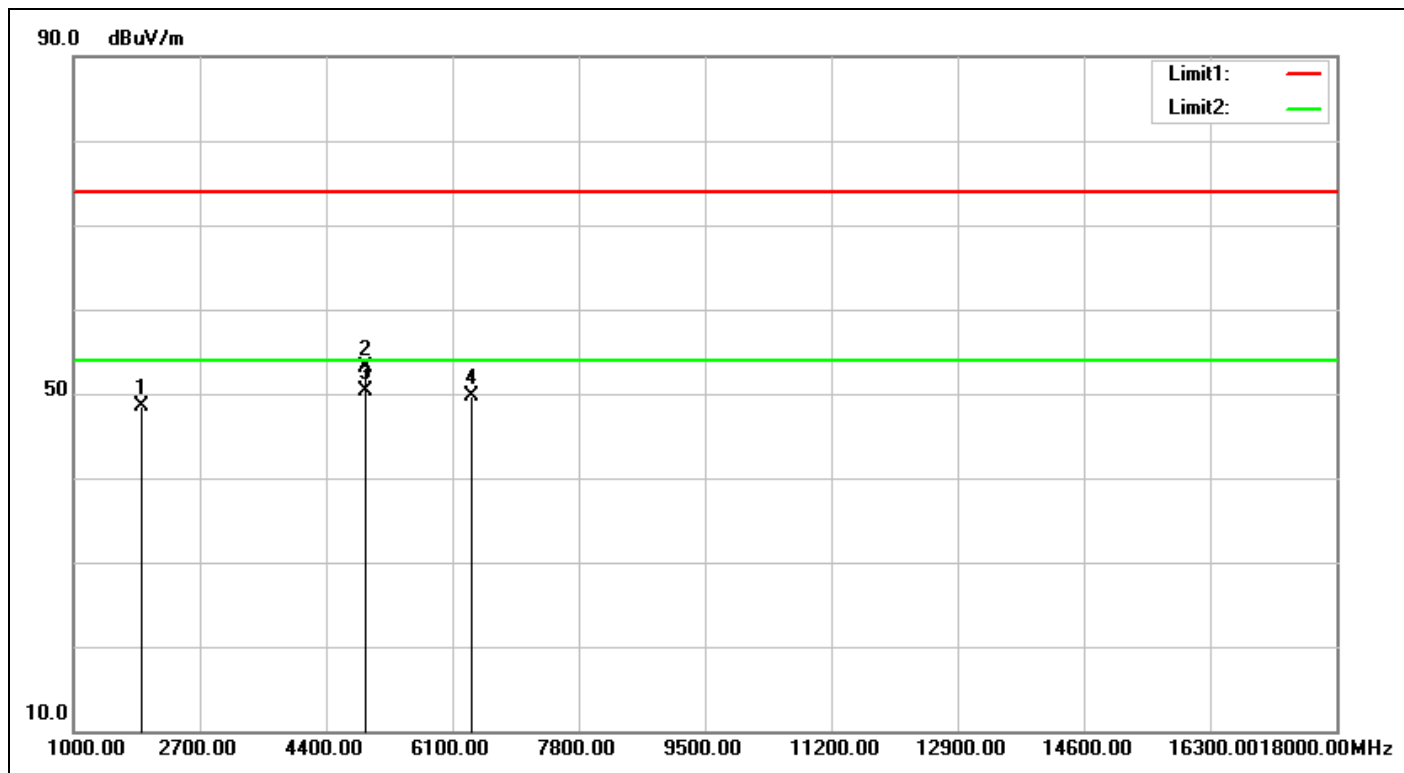
Spurious Emissions, RX Mode, 1-18G



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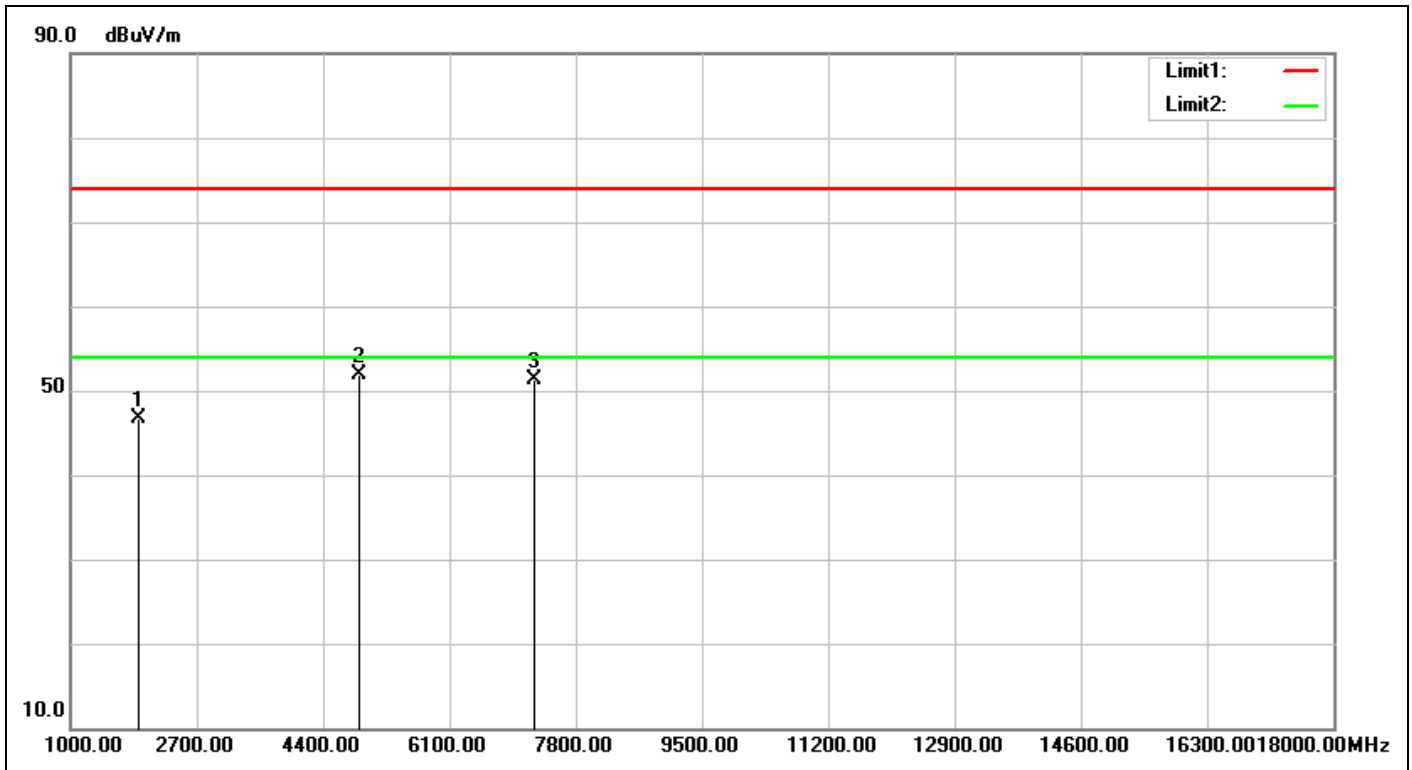
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



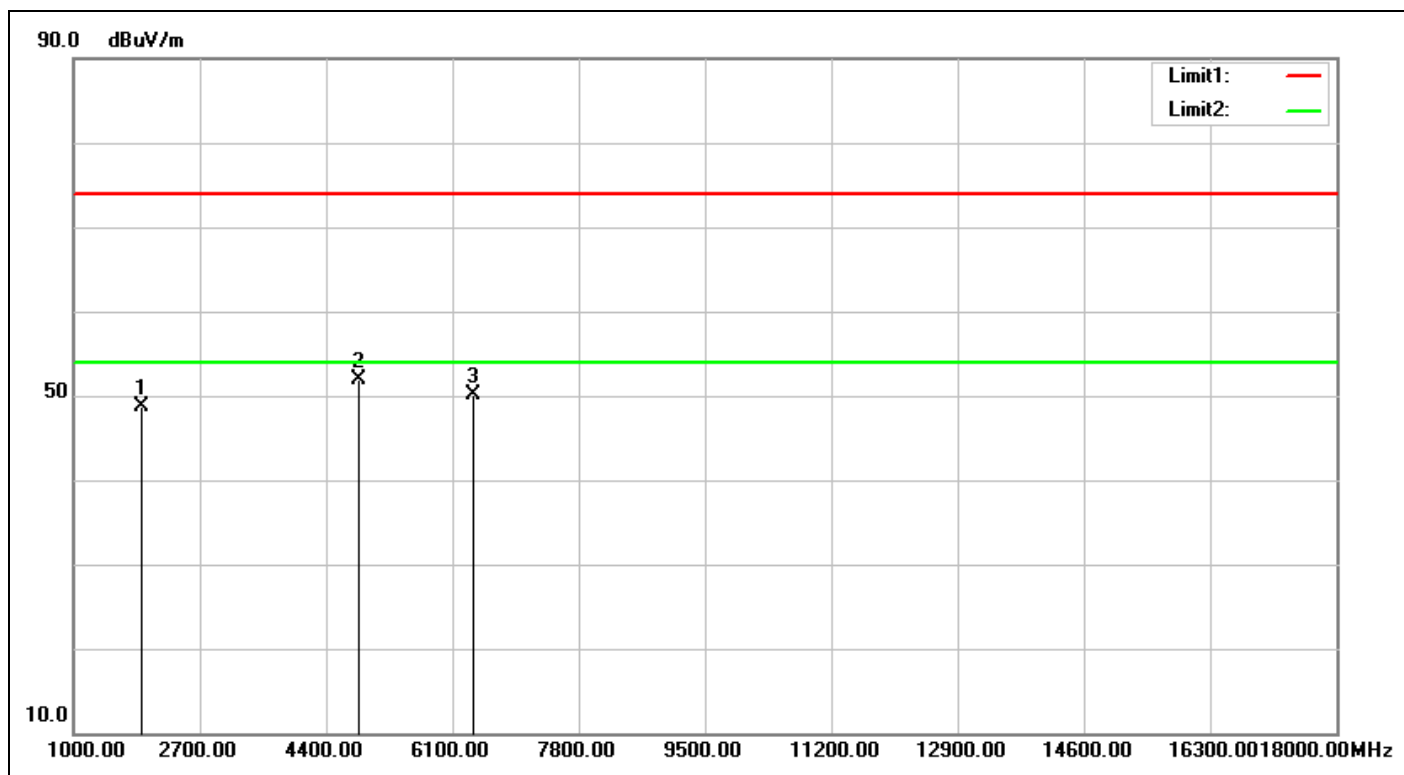
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 21:34:23
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-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	-7.68	56.20	48.52	74.00	-25.48	peak	100	235	
2	4927.000	-2.38	55.47	53.09	74.00	-20.91	peak	100	158	
3	4927.000	-2.38	52.77	50.39	54.00	-3.61	AVG	100	158	
4	6355.000	4.79	44.88	49.67	74.00	-24.33	peak	100	243	



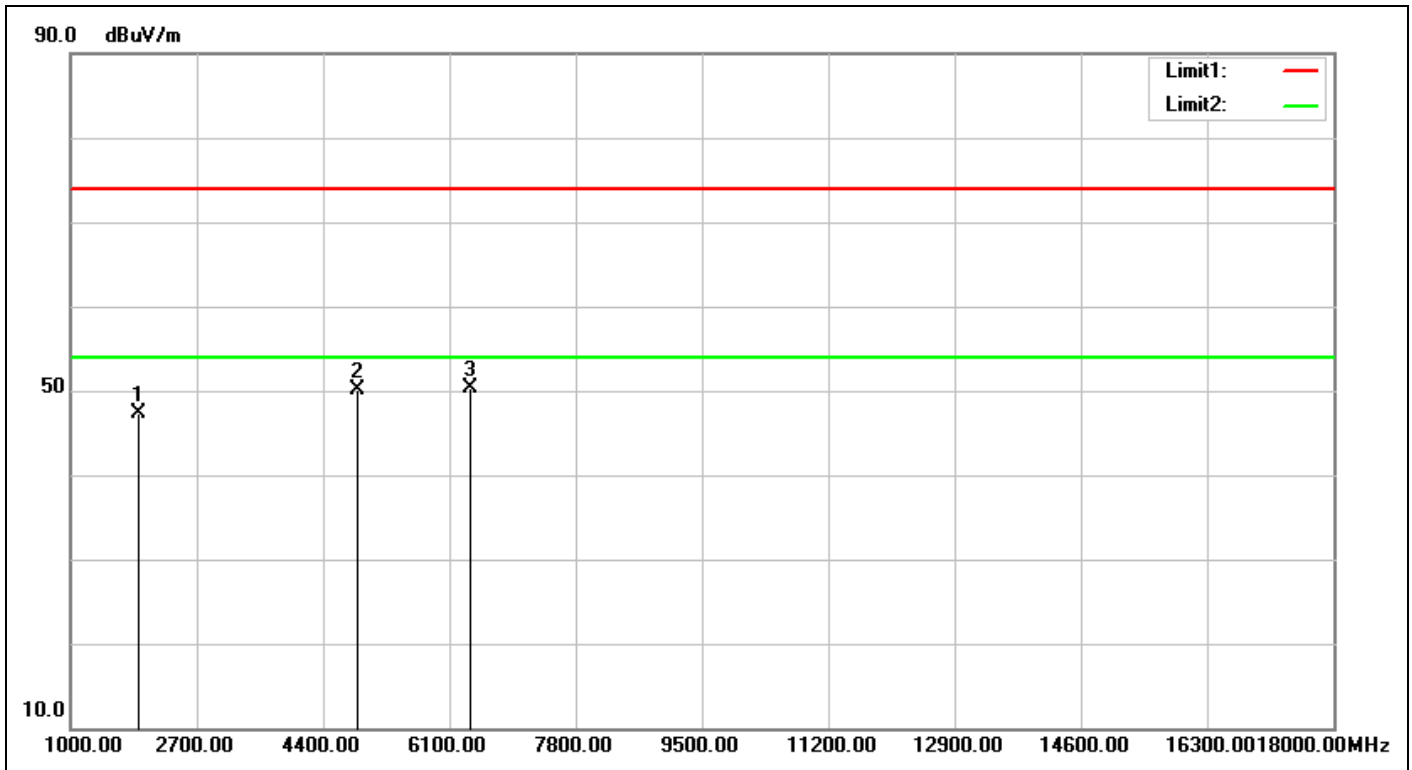
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 21:35:25
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-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	-7.68	54.38	46.70	74.00	-27.30	peak	100	222	
2	4893.000	-2.47	54.31	51.84	74.00	-22.16	peak	100	269	
3	7239.000	5.33	46.00	51.33	74.00	-22.67	peak	100	34	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 21:38:43
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-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	-7.68	56.42	48.74	74.00	-25.26	peak	100	236	
2	4842.000	-2.61	54.54	51.93	74.00	-22.07	peak	100	0	
3	6372.000	4.86	45.24	50.10	74.00	-23.90	peak	100	14	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 21:39:46
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-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	-7.68	54.95	47.27	74.00	-26.73	peak	100	246	
2	4859.000	-2.57	52.67	50.10	74.00	-23.90	peak	100	265	
3	6372.000	4.86	45.42	50.28	74.00	-23.72	peak	100	107	

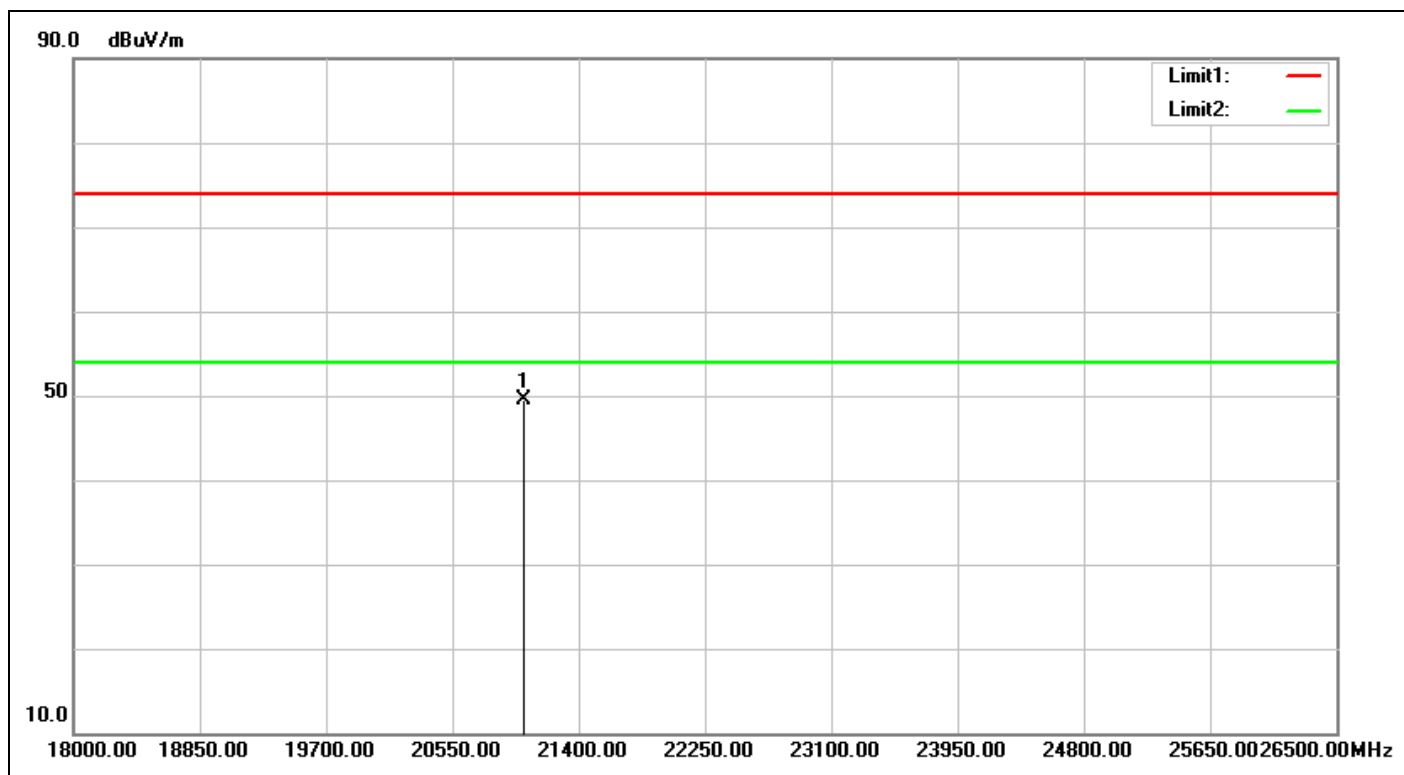
Spurious Emissions, RX Mode, 18-26G



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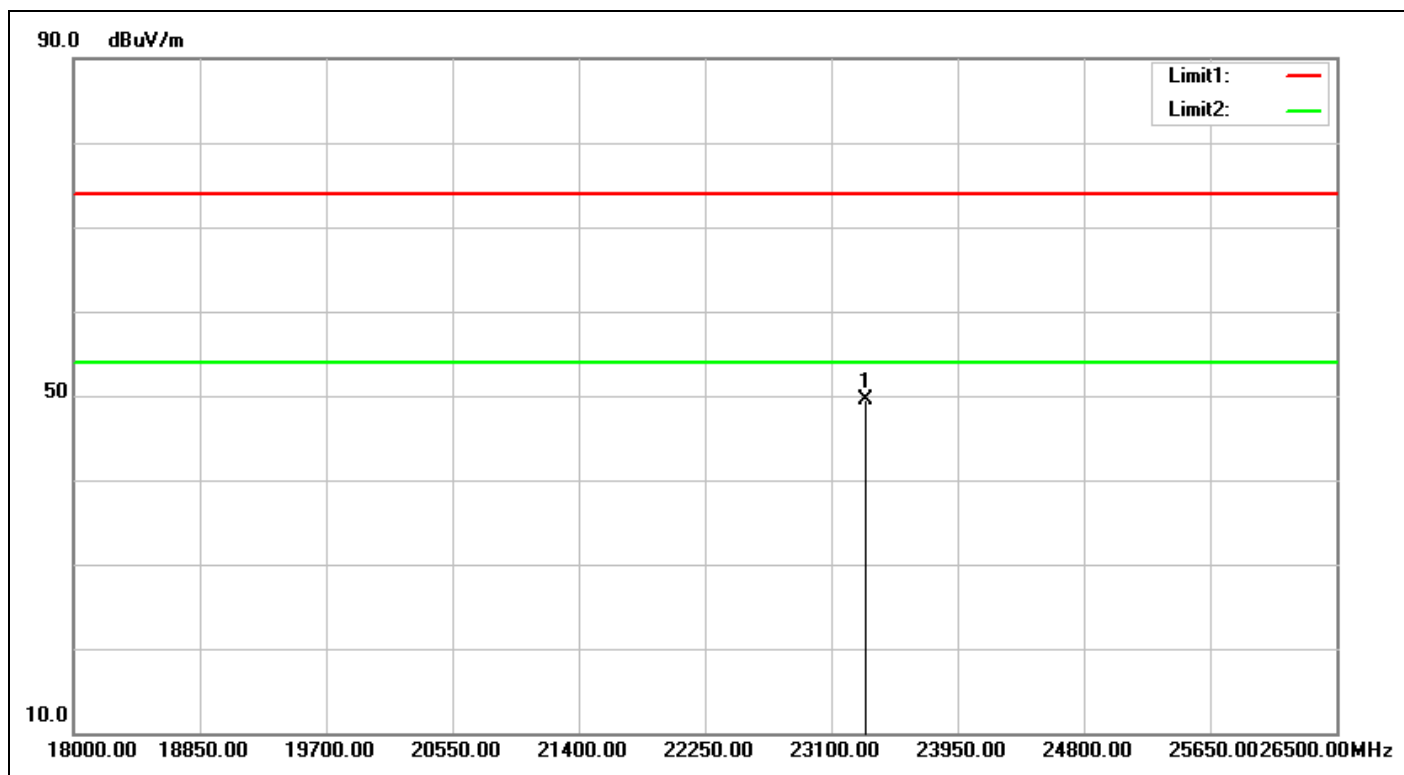
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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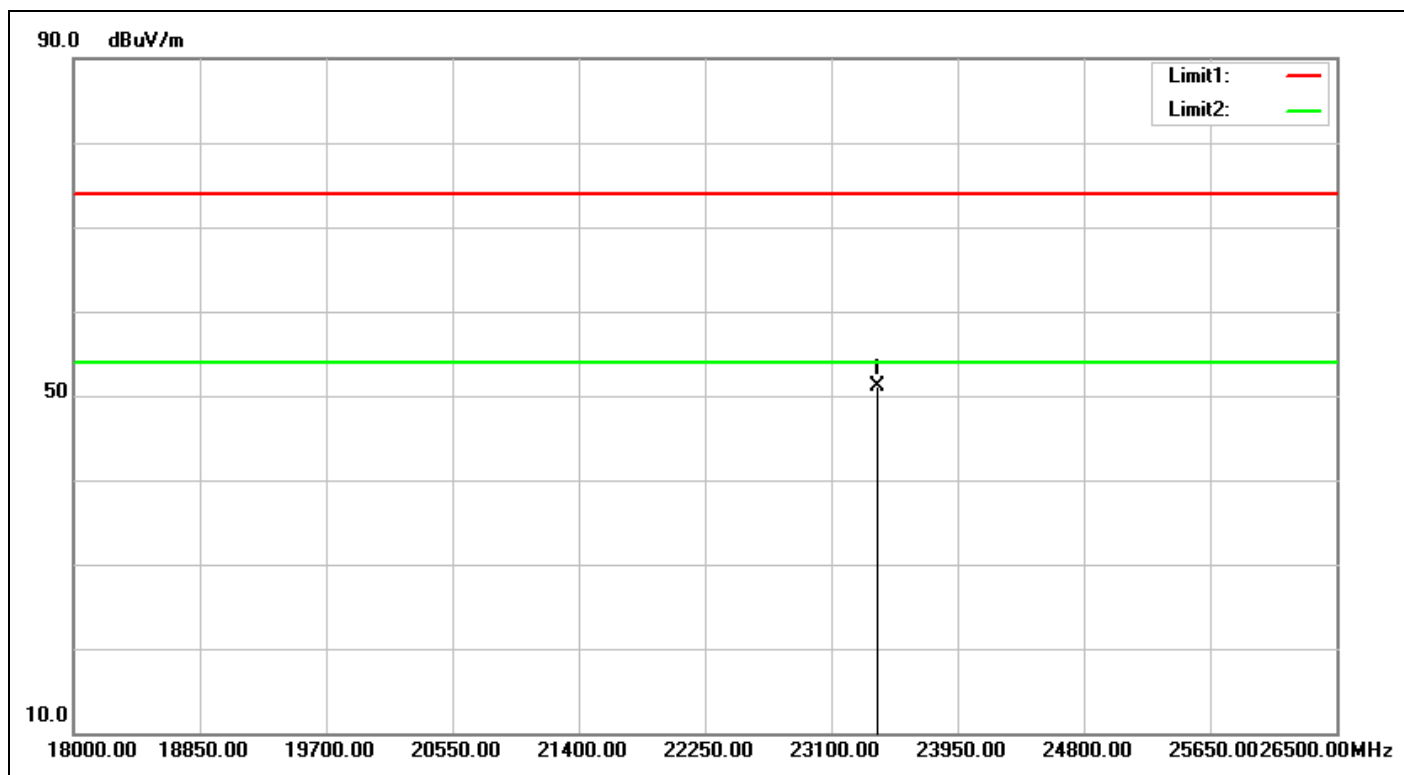
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:42:12
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21034.500	32.00	17.46	49.46	74.00	-24.54	peak	100	330	



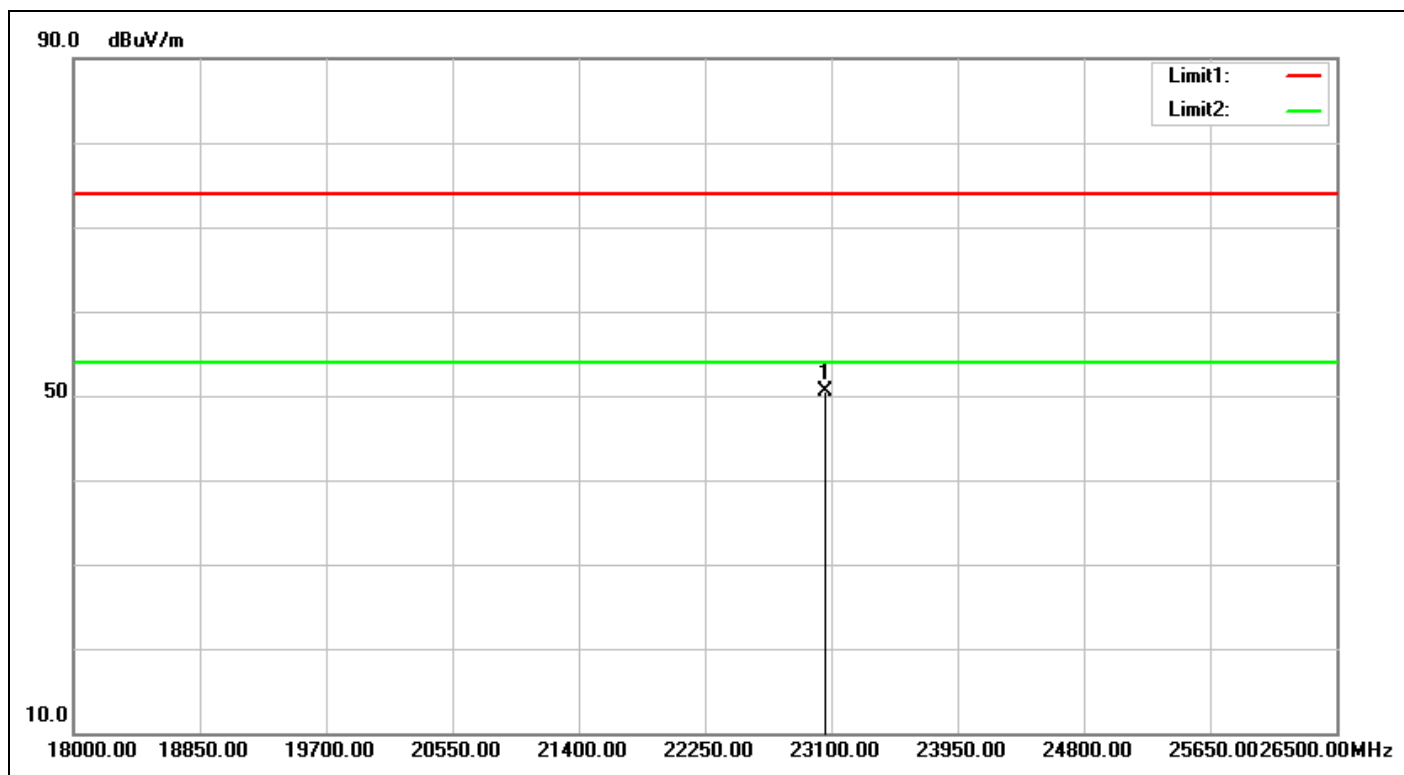
Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:42:01
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23329.500	32.66	16.87	49.53	74.00	-24.47	peak	100	237	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/22 18:42:47
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23406.000	32.74	18.42	51.16	74.00	-22.84	peak	100	196	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/22 18:42:35
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	23(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	3DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23057.500	32.39	18.15	50.54	74.00	-23.46	peak	100	174	

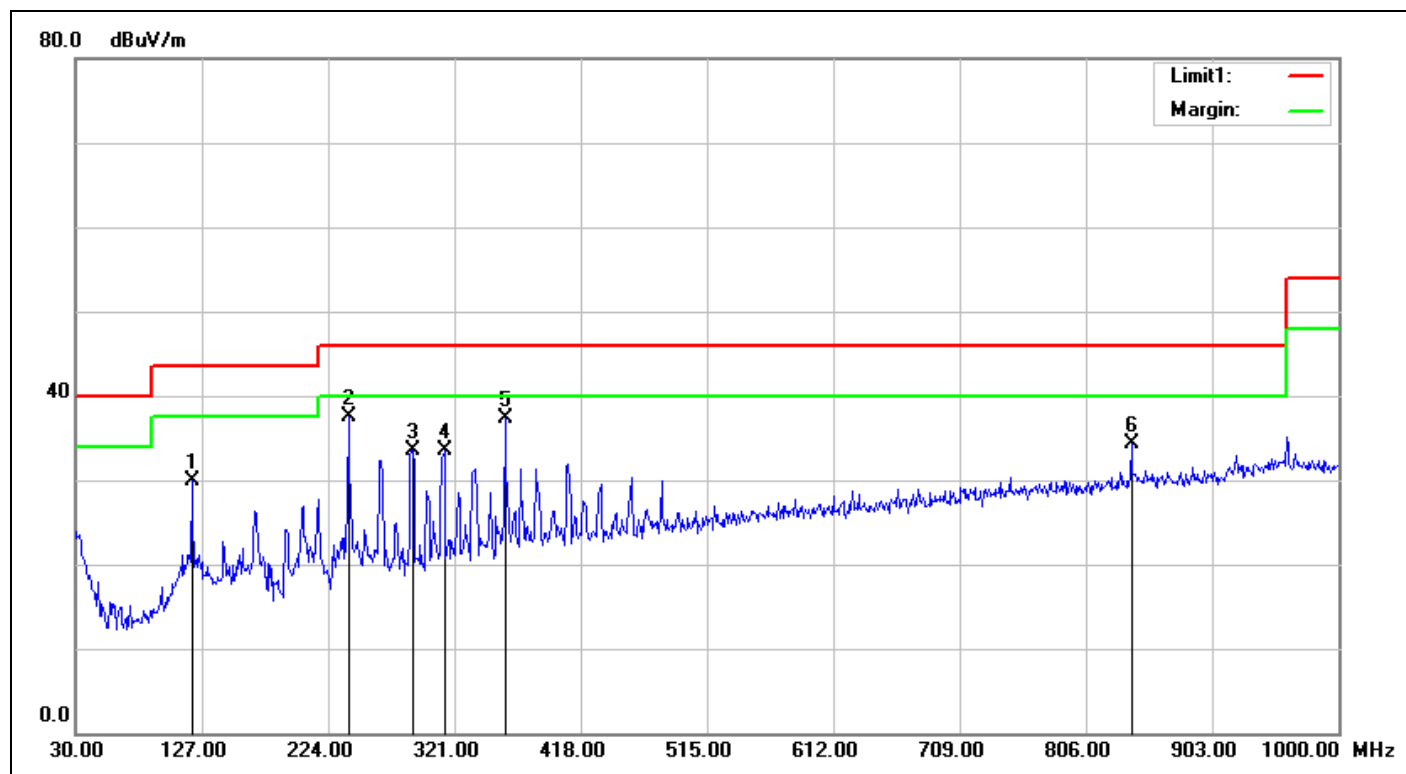
Spurious Emissions, RX Mode, 30M-1G



TUV Rheinland Taiwan Ltd.

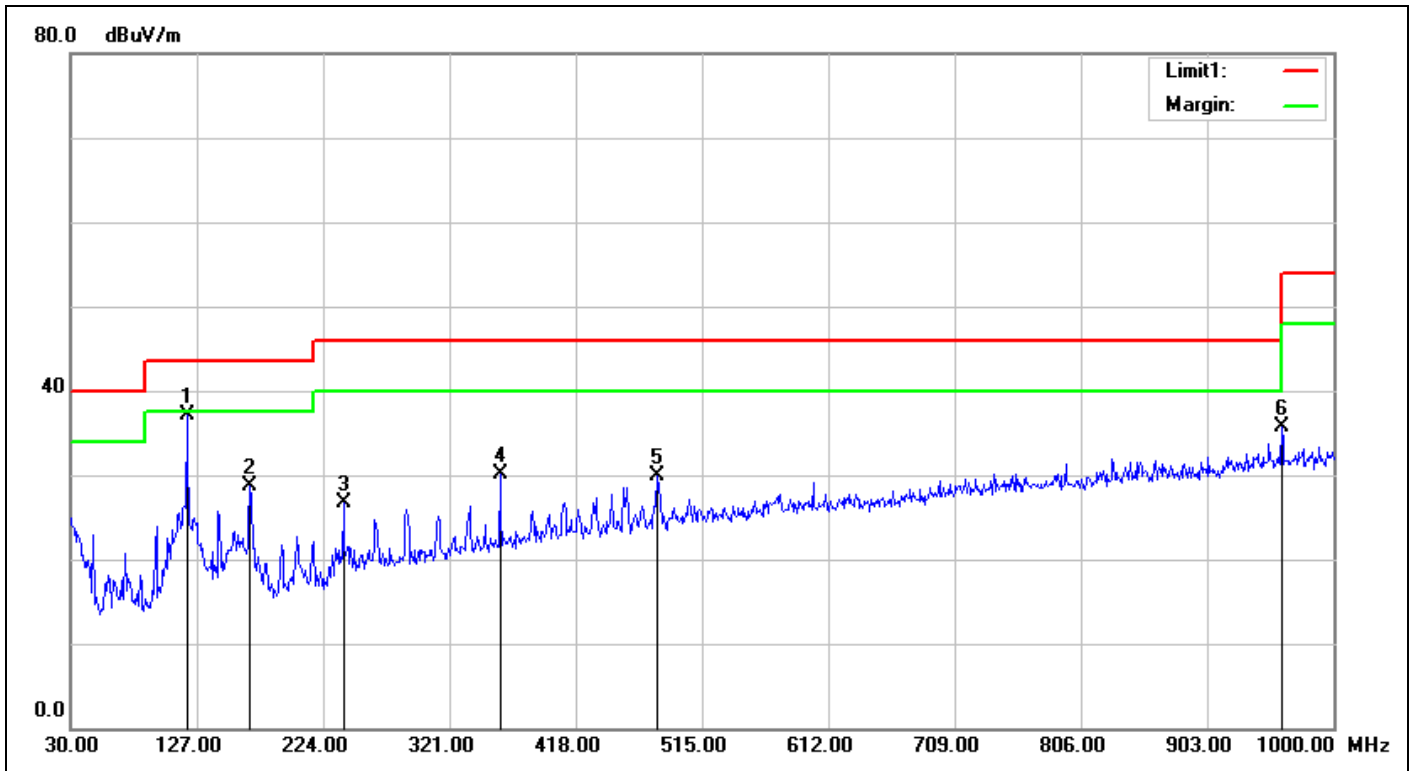
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/17 19:22:58
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%)	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	119.2400	-7.50	37.44	29.94	43.50	-13.56	QP	100	315	
2	239.5200	-6.85	44.28	37.43	46.00	-8.57	QP	100	194	
3	288.9900	-4.83	38.29	33.46	46.00	-12.54	QP	100	192	
4	313.2400	-4.23	37.80	33.57	46.00	-12.43	QP	100	197	
5	359.8000	-3.16	40.51	37.35	46.00	-8.65	QP	100	184	
6	840.9200	3.54	30.83	34.37	46.00	-11.63	QP	100	216	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/17 19:24:01
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	119.2400	-7.50	44.65	37.15	43.50	-6.35	QP	100	152	
2	167.7400	-8.78	37.51	28.73	43.50	-14.77	QP	100	11	
3	239.5200	-6.85	33.61	26.76	46.00	-19.24	QP	100	75	
4	359.8000	-3.16	33.28	30.12	46.00	-15.88	QP	100	147	
5	480.0800	-1.47	31.36	29.89	46.00	-16.11	QP	100	125	
6	960.2300	5.54	30.13	35.67	54.00	-18.33	QP	100	216	

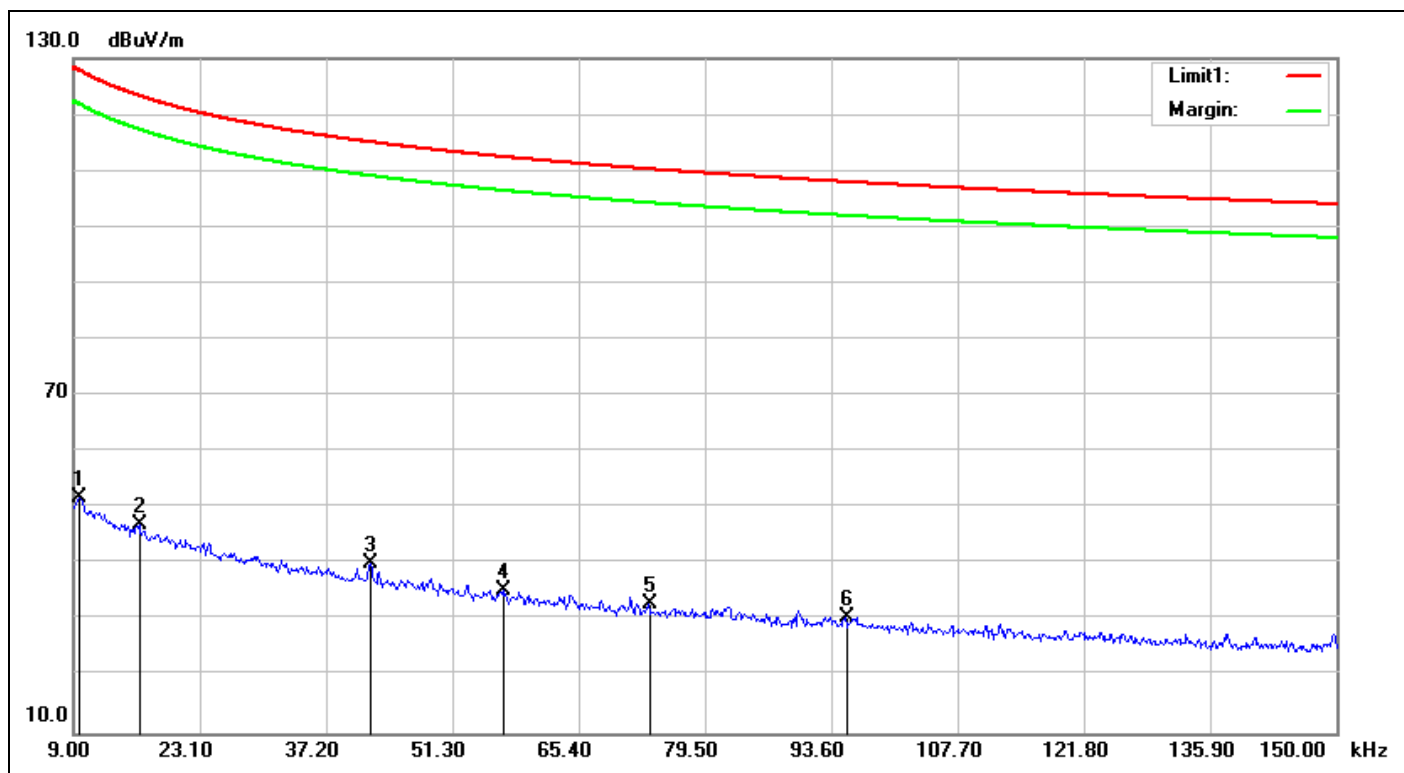
Spurious Emissions, RX Mode, 9K-30M



TUV Rheinland Taiwan Ltd.

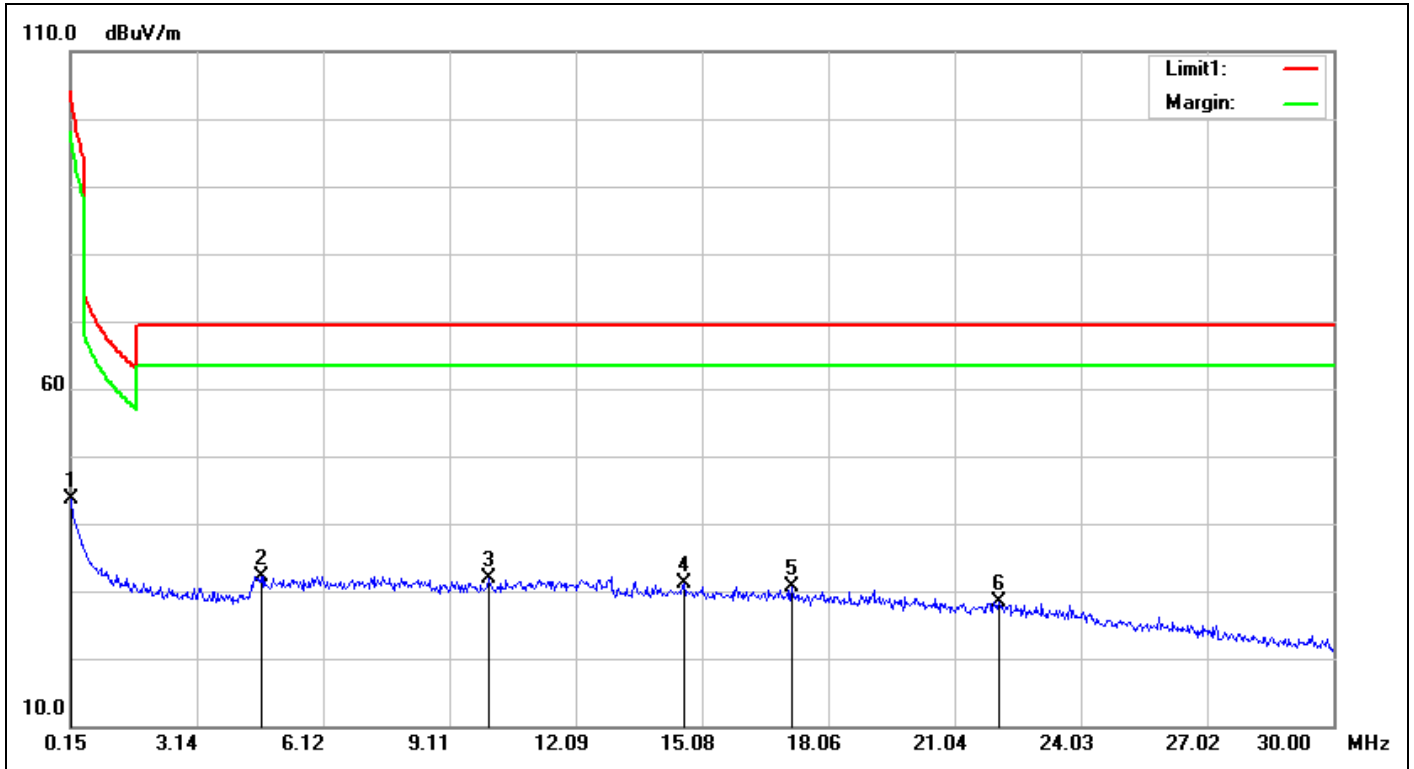
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/17 19:32:24
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-RX		
Remark:			

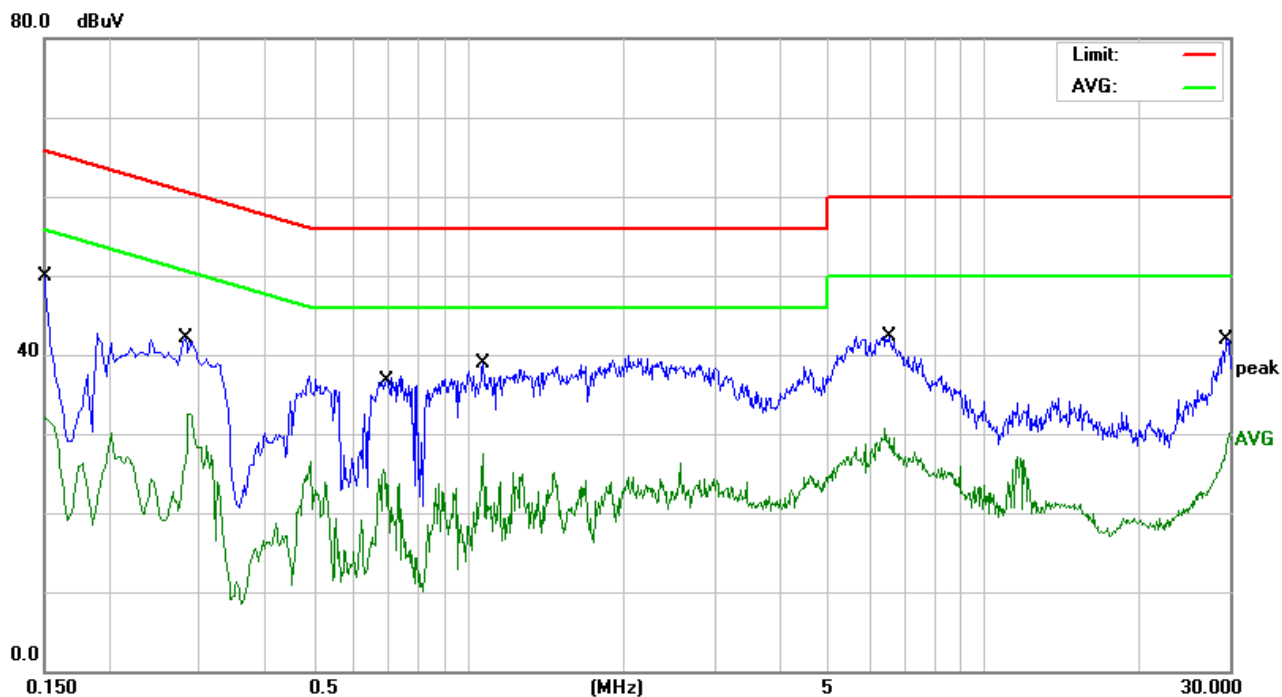
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	19.81	32.11	51.92	127.85	-75.93	QP	100	1	
2	0.0163	19.99	26.95	46.94	123.34	-76.40	QP	100	169	
3	0.0421	19.71	20.40	40.11	115.11	-75.00	QP	100	19	
4	0.0569	19.39	15.92	35.31	112.49	-77.18	QP	100	195	
5	0.0732	19.29	13.78	33.07	110.30	-77.23	QP	100	179	
6	0.0952	19.16	11.38	30.54	108.02	-77.48	QP	100	1	



Service No.:	114070342	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/17 19:35:59
Applicant:	Zeroplus Technology Corporation	Test Rating:	DC 5V
Product:	X1 to PS4 wireless controller Adapter	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	X ONE ADAPTER	Test Engineer:	Amy Hsu
Test Mode:	1DH5-2441-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	24.45	43.53	104.08	-60.55	QP	100	229	
2	4.6574	19.54	12.59	32.13	69.50	-37.37	QP	100	272	
3	10.0304	20.23	11.70	31.93	69.50	-37.57	QP	100	229	
4	14.6571	21.04	9.99	31.03	69.50	-38.47	QP	100	19	
5	17.1944	21.49	9.21	30.70	69.50	-38.80	QP	100	51	
6	22.0898	22.13	6.37	28.50	69.50	-41.00	QP	100	19	

Mains Spurious Emissions



Service No.: 114070342

Test Standard: FCC Class B Conduction(QP)

Test item: Conducted Emission

Phase: L1
Temp.(°C)/Hum.(%): 24.2(°C) / 44 %

Applicant: Zeroplus Technology Corporation

Product: X1 to P4 wireless controller Adapter

Power Rating: DC 5V

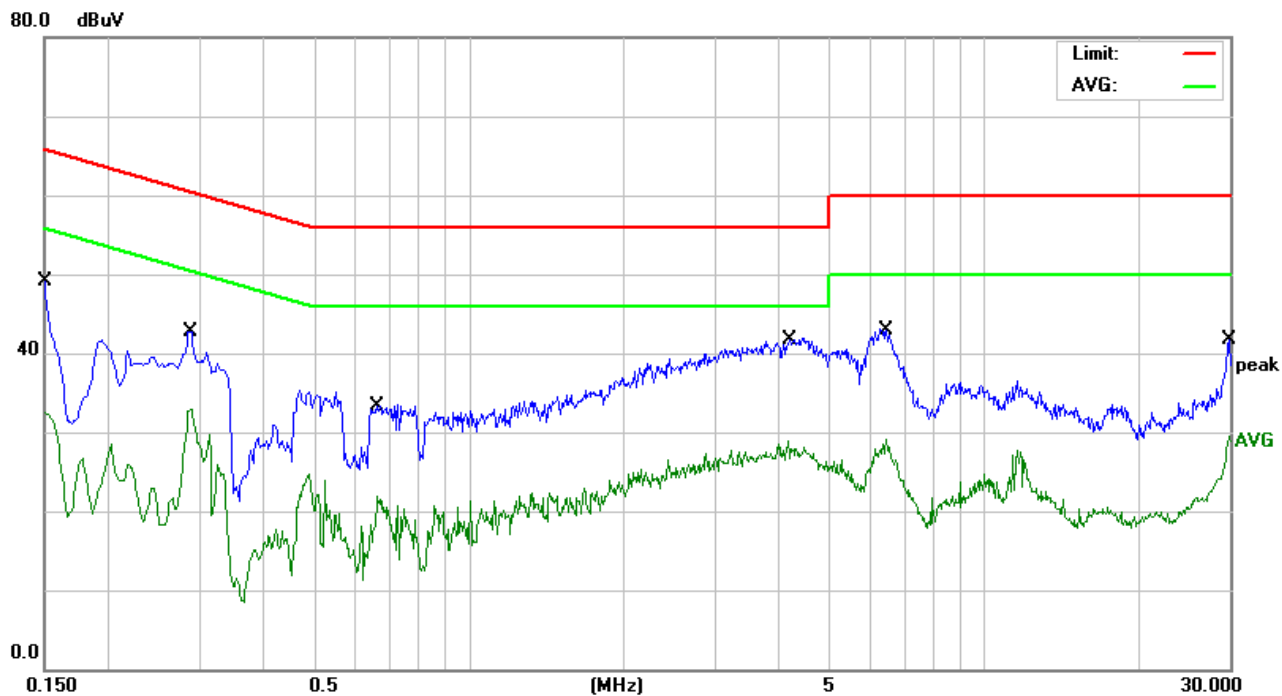
Model No.: X ONE ADAPTER

Test Engineer: Kai Wang

Test Mode: (a) USB connect + charge

Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	9.66	34.61	44.27	65.99	-21.72	QP	P	
2	0.1500	9.66	21.80	31.46	55.99	-24.53	AVG	P	
3	0.2860	9.66	29.77	39.43	60.64	-21.21	QP	P	
4	0.2860	9.66	21.67	31.33	50.64	-19.31	AVG	P	
5	0.6860	9.66	23.09	32.75	56.00	-23.25	QP	P	
6	0.6860	9.66	12.20	21.86	46.00	-24.14	AVG	P	
7	1.0700	9.67	24.00	33.67	56.00	-22.33	QP	P	
8	1.0700	9.67	11.76	21.43	46.00	-24.57	AVG	P	
9	6.4380	9.74	27.35	37.09	60.00	-22.91	QP	P	
10	6.4380	9.74	18.00	27.74	50.00	-22.26	AVG	P	
11	29.9740	9.78	26.31	36.09	60.00	-23.91	QP	P	
12	29.9740	9.78	19.39	29.17	50.00	-20.83	AVG	P	



Service No.: 114070342

Test Standard: FCC Class B Conduction(QP)

Test item: Conducted Emission

Phase: N

Applicant: Zeroplus Technology Corporation

Temp.(°C)/Hum.(%): 24.2(°C) / 44 %

Product: X1 to P4 wireless controller Adapter

Power Rating: DC 5V

Model No.: X ONE ADAPTER

Test Engineer: Kai Wang

Test Mode: (a) USB connect + charge

Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	9.67	33.27	42.94	65.99	-23.05	QP	P	
2	0.1500	9.67	21.72	31.39	55.99	-24.60	AVG	P	
3	0.2900	9.67	28.75	38.42	60.52	-22.10	QP	P	
4	0.2900	9.67	20.63	30.30	50.52	-20.22	AVG	P	
5	0.6660	9.66	20.54	30.20	56.00	-25.80	QP	P	
6	0.6660	9.66	10.24	19.90	46.00	-26.10	AVG	P	
7	4.1698	9.72	26.63	36.35	56.00	-19.65	QP	P	
8	4.1698	9.72	16.48	26.20	46.00	-19.80	AVG	P	
9	6.4699	9.75	25.91	35.66	60.00	-24.34	QP	P	
10	6.4699	9.75	16.46	26.21	50.00	-23.79	AVG	P	
11	29.9940	9.89	24.94	34.83	60.00	-25.17	QP	P	
12	29.9940	9.89	18.64	28.53	50.00	-21.47	AVG	P	