

Test Report No.50078880 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50078880AppendixD)

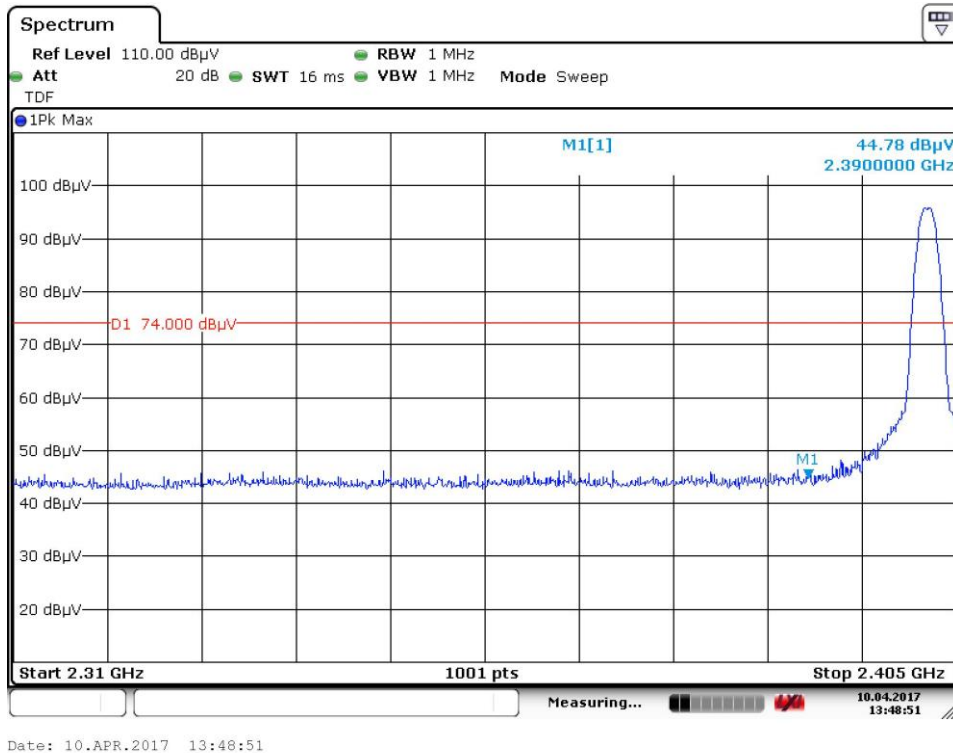
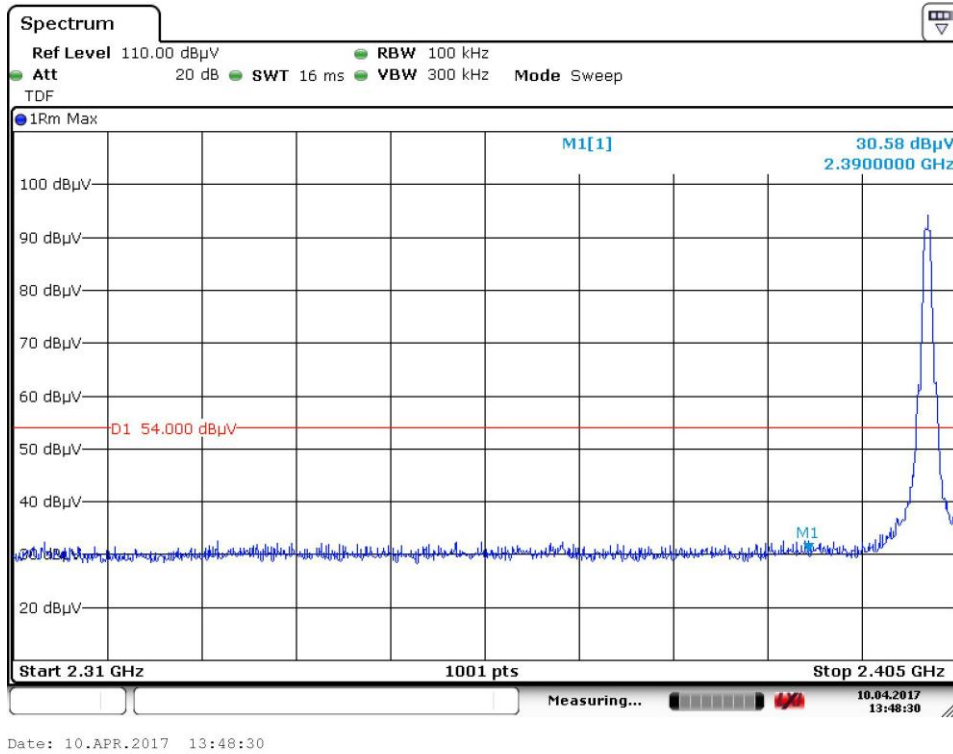
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Spurious Emissions, Band Edges, 2.35-2.5G

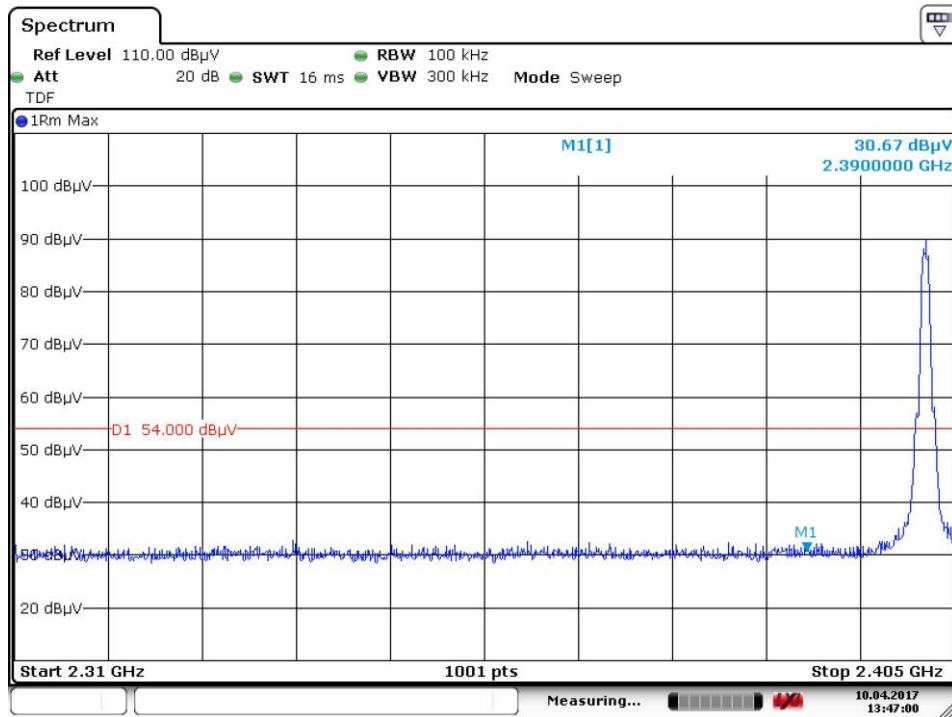
Radiated Bandedge (GFSK)

Low Channel (Hor)

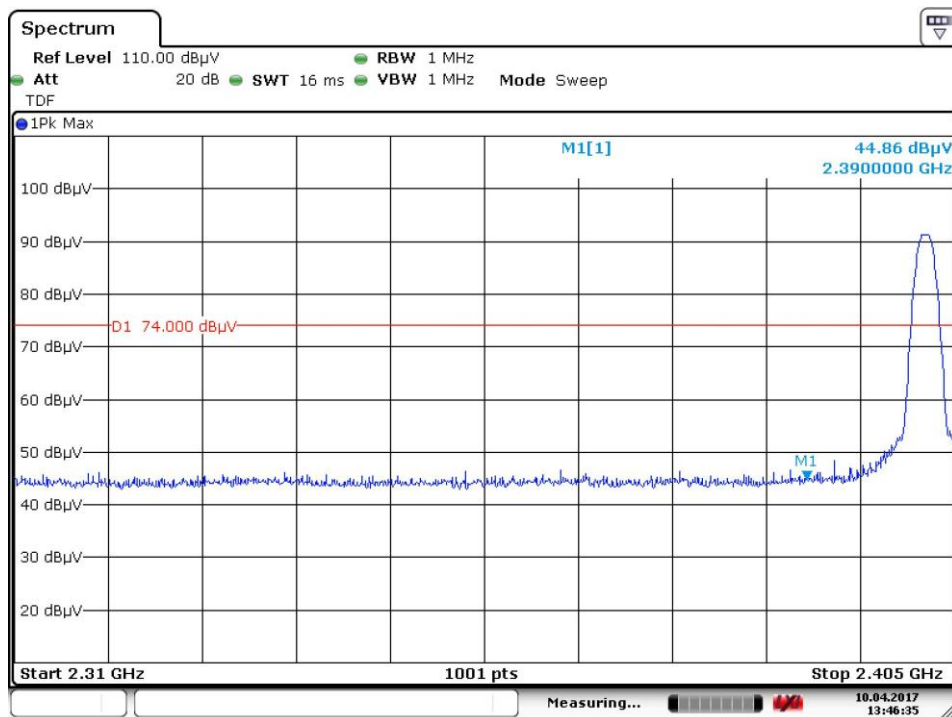


Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)



Date: 10.APR.2017 13:47:00

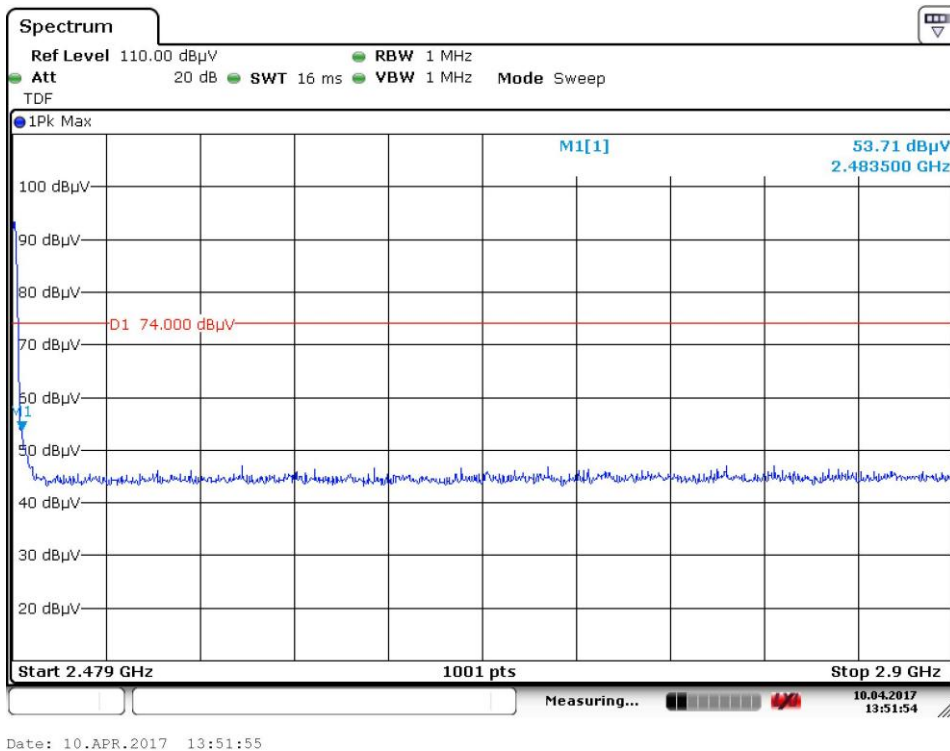
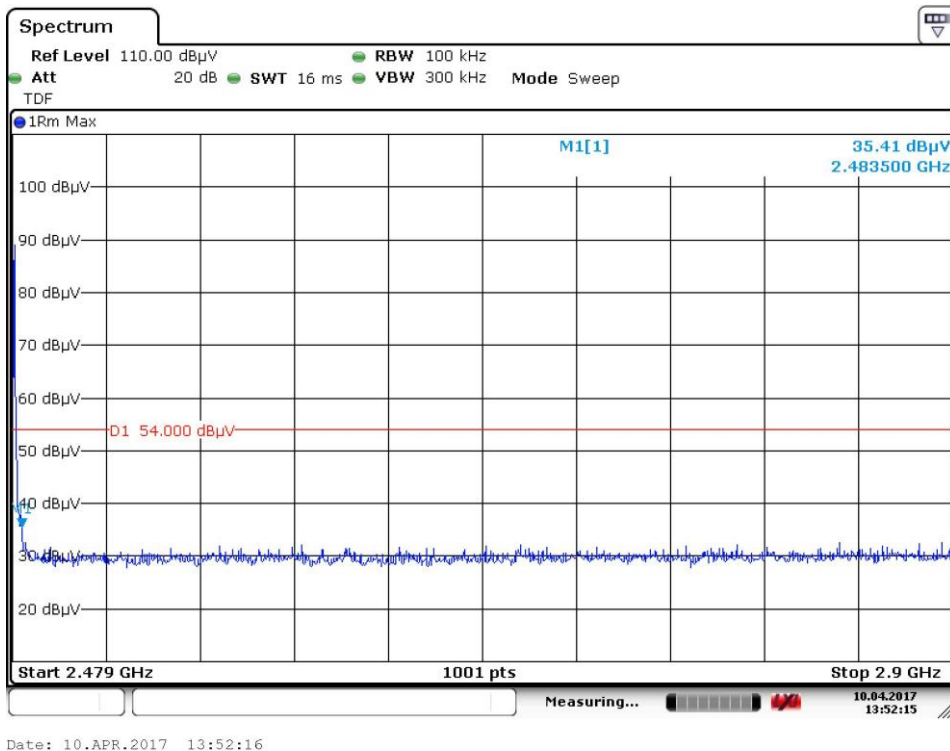


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Spurious Emissions, Band Edge, 2.35-2.5G

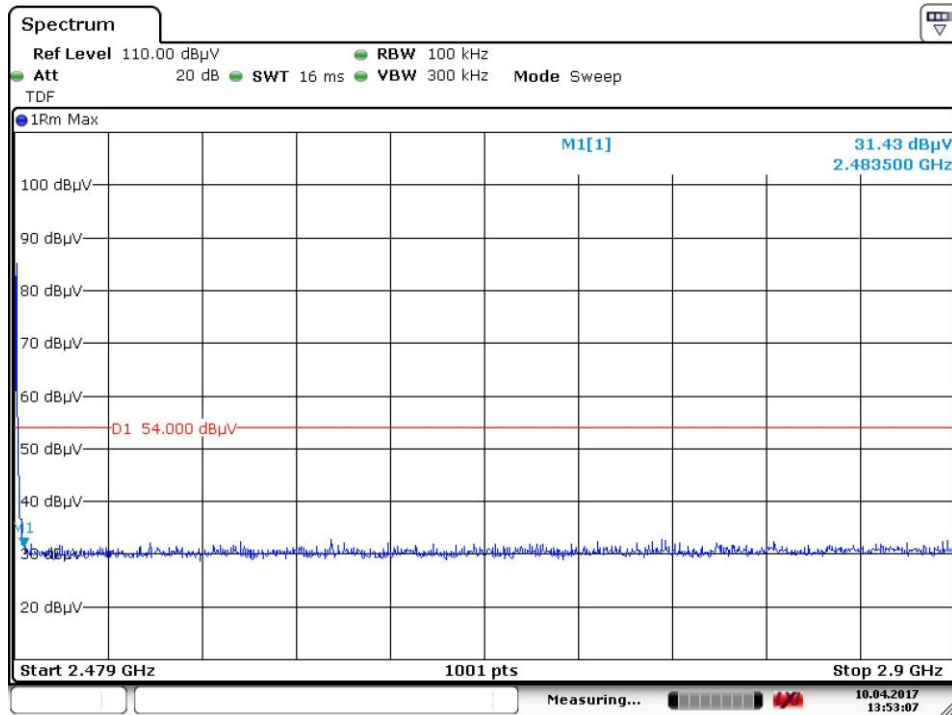
Radiated Bandedge (GFSK)

High Channel (Hor)

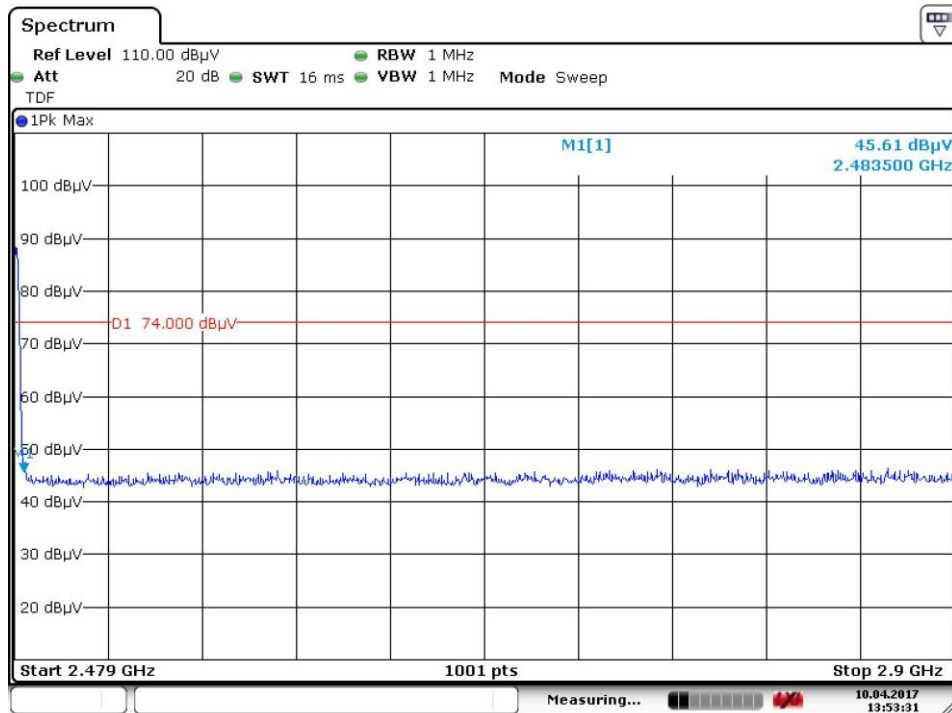


Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Date: 10.APR.2017 13:53:07



Date: 10.APR.2017 13:53:32

Spurious Emissions, Band Edge, 2.35-2.5G

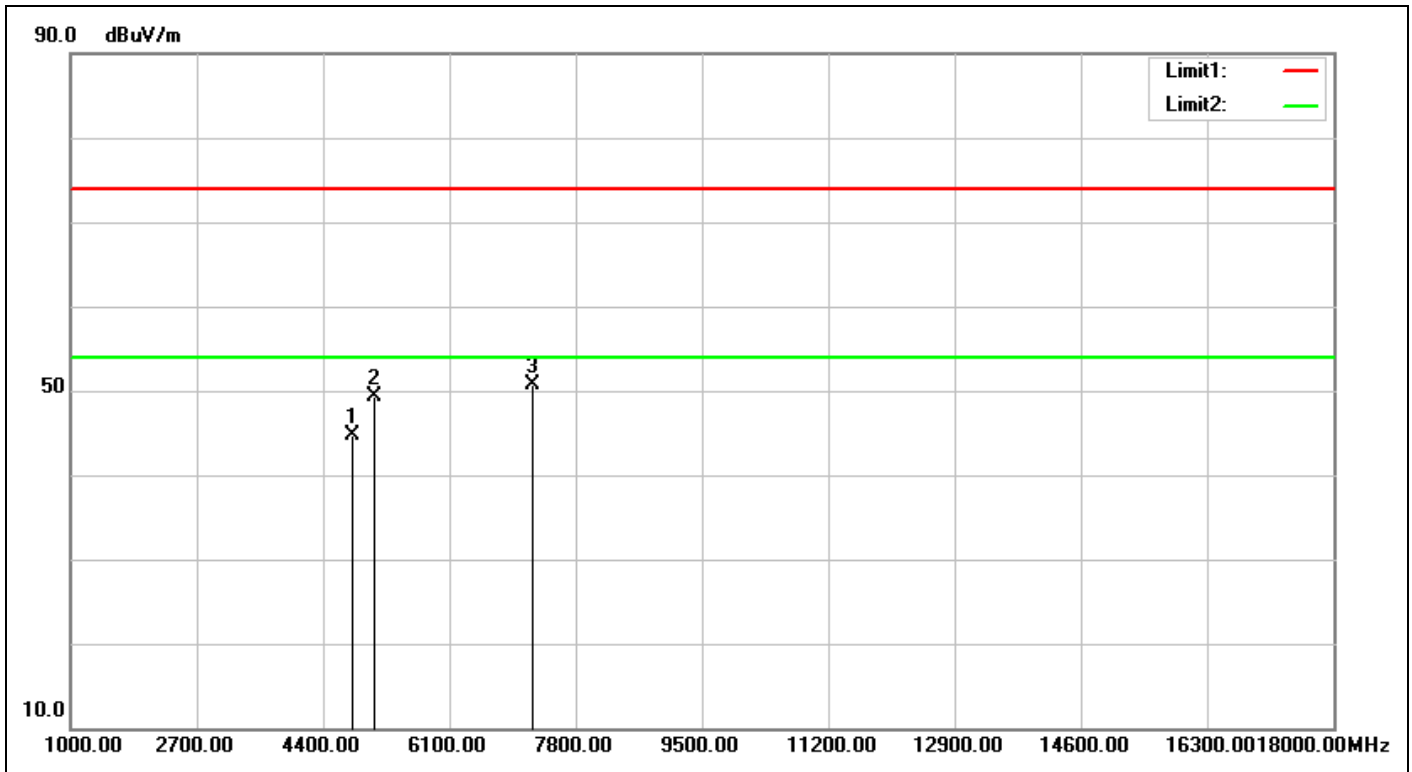
Spurious Emissions, TX Mode, 1-18G



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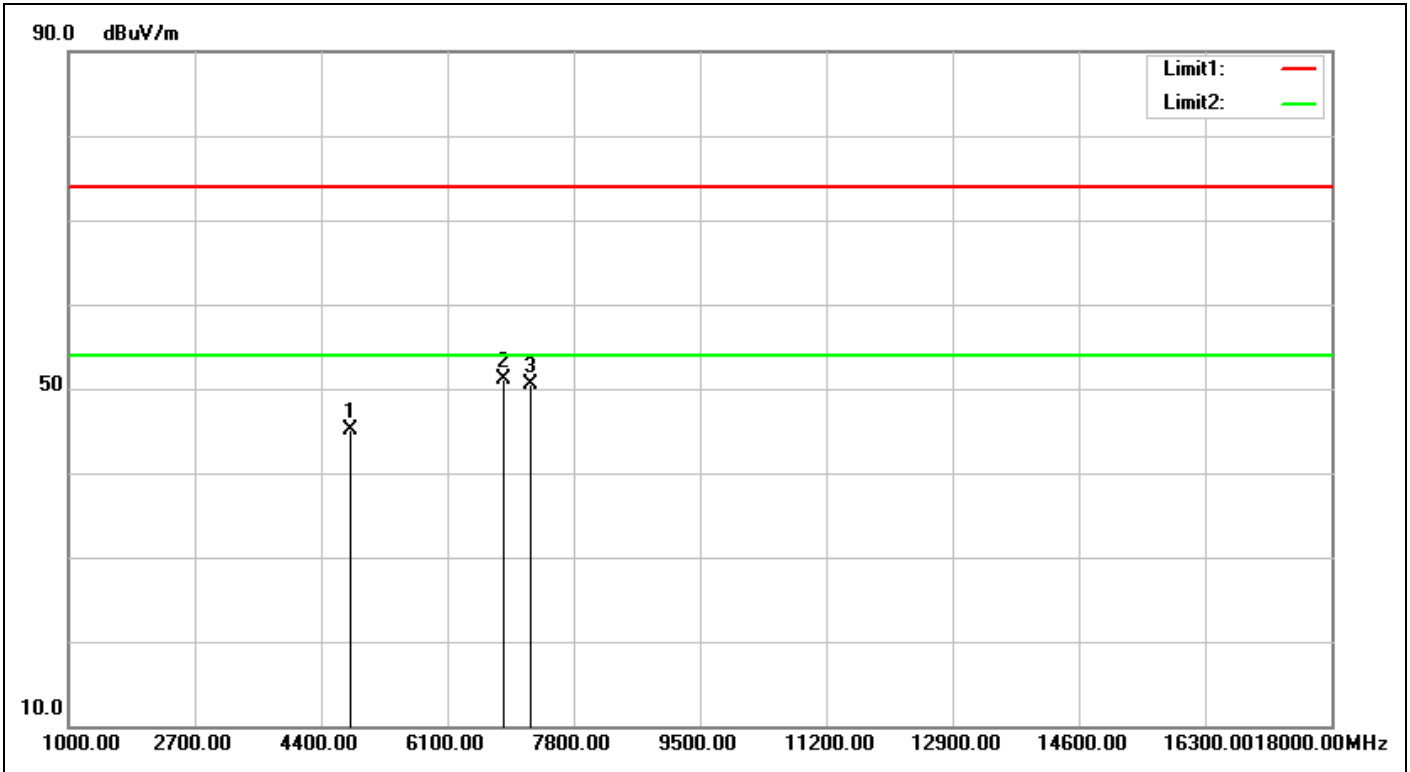
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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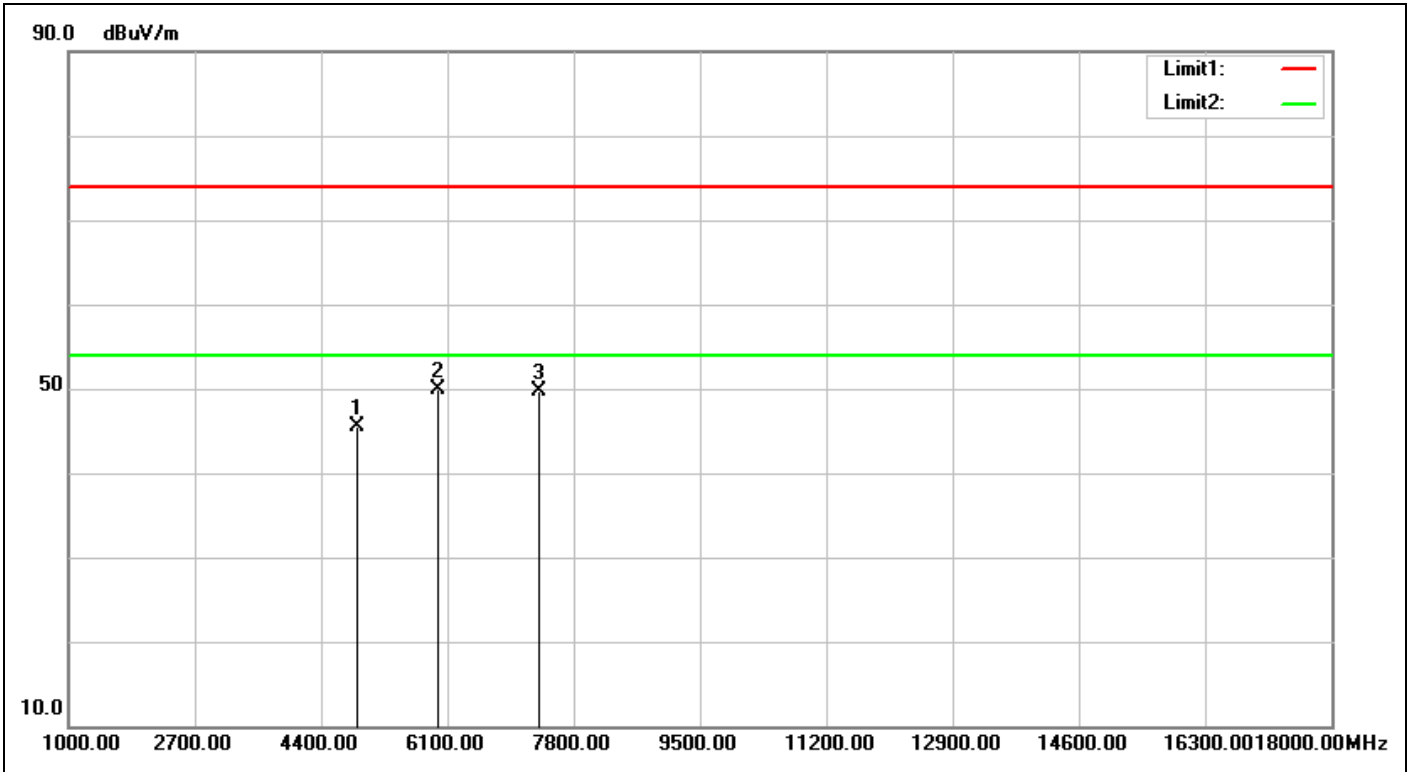
Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:03:58
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	-2.66	47.42	44.76	74.00	-29.24	peak			
2	5080.000	-1.78	51.15	49.37	74.00	-24.63	peak	100	6	
3	7206.000	5.58	45.14	50.72	74.00	-23.28	peak			



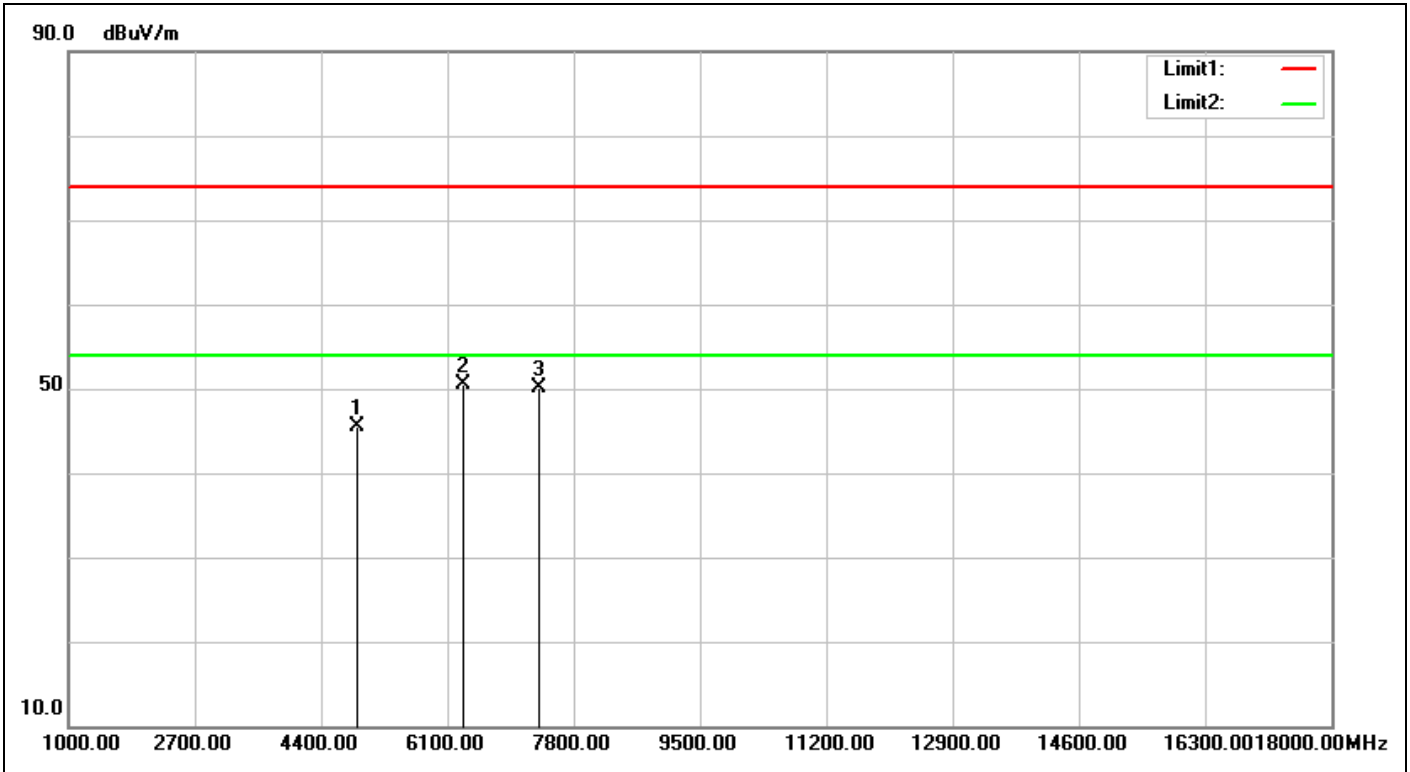
Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:05:01
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	-2.66	47.69	45.03	74.00	-28.97	peak			
2	6865.000	5.12	45.95	51.07	74.00	-22.93	peak	100	285	
3	7206.000	5.58	44.99	50.57	74.00	-23.43	peak			



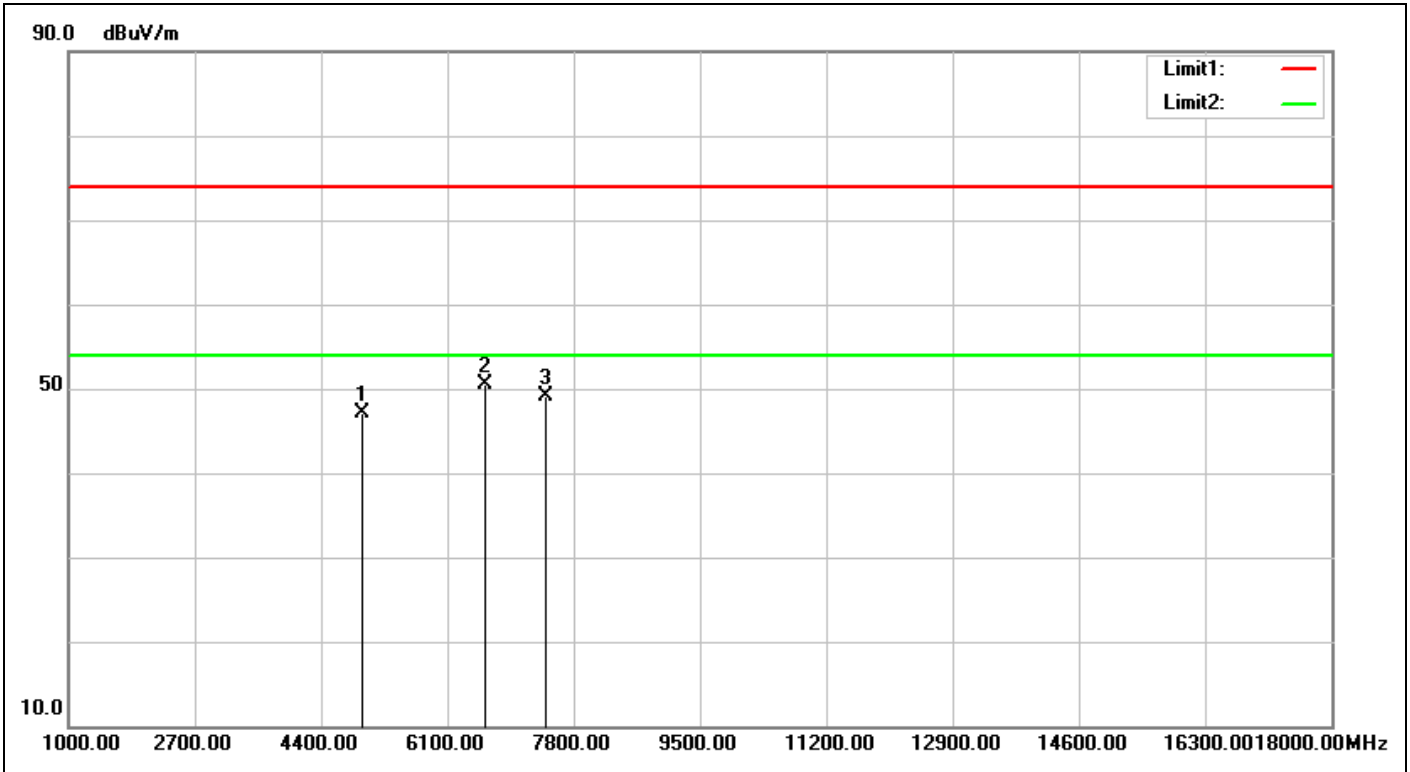
Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 13:59:37
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.48	48.03	45.55	74.00	-28.45	peak			
2	5981.000	3.76	46.20	49.96	74.00	-24.04	peak	100	208	
3	7320.000	5.93	43.79	49.72	74.00	-24.28	peak			



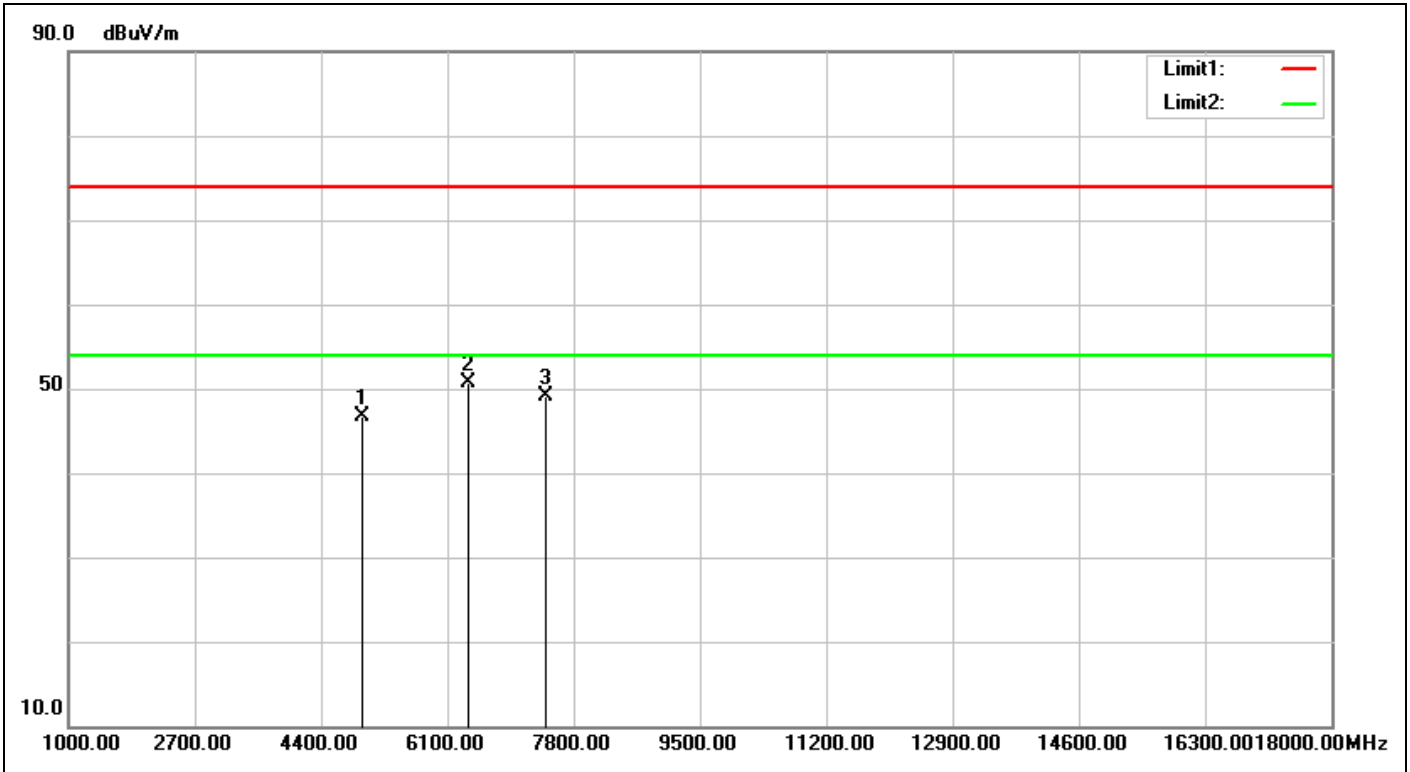
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:00:40
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.48	48.04	45.56	74.00	-28.44	peak			
2	6321.000	4.95	45.46	50.41	74.00	-23.59	peak	100	360	
3	7320.000	5.93	44.18	50.11	74.00	-23.89	peak			



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 13:54:38
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	-2.31	49.42	47.11	74.00	-26.89	peak		0	
2	6610.000	5.43	45.01	50.44	74.00	-23.56	peak	100	153	
3	7440.000	6.28	42.89	49.17	74.00	-24.83	peak		0	



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 13:55:42
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	-2.31	49.09	46.78	74.00	-27.22	peak			
2	6389.000	5.18	45.52	50.70	74.00	-23.30	peak	100	133	
3	7440.000	6.28	42.76	49.04	74.00	-24.96	peak			

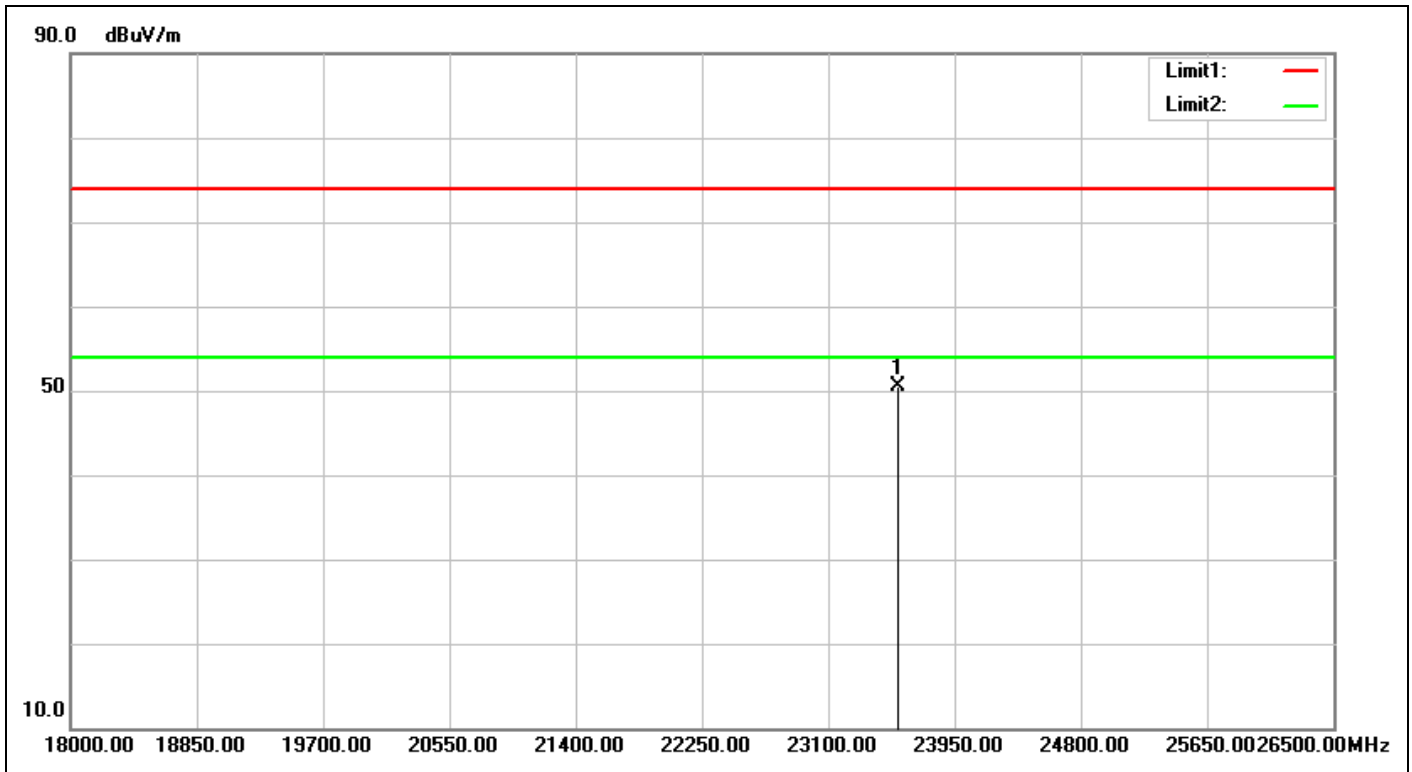
Spurious Emissions, TX Mode, 18-26G



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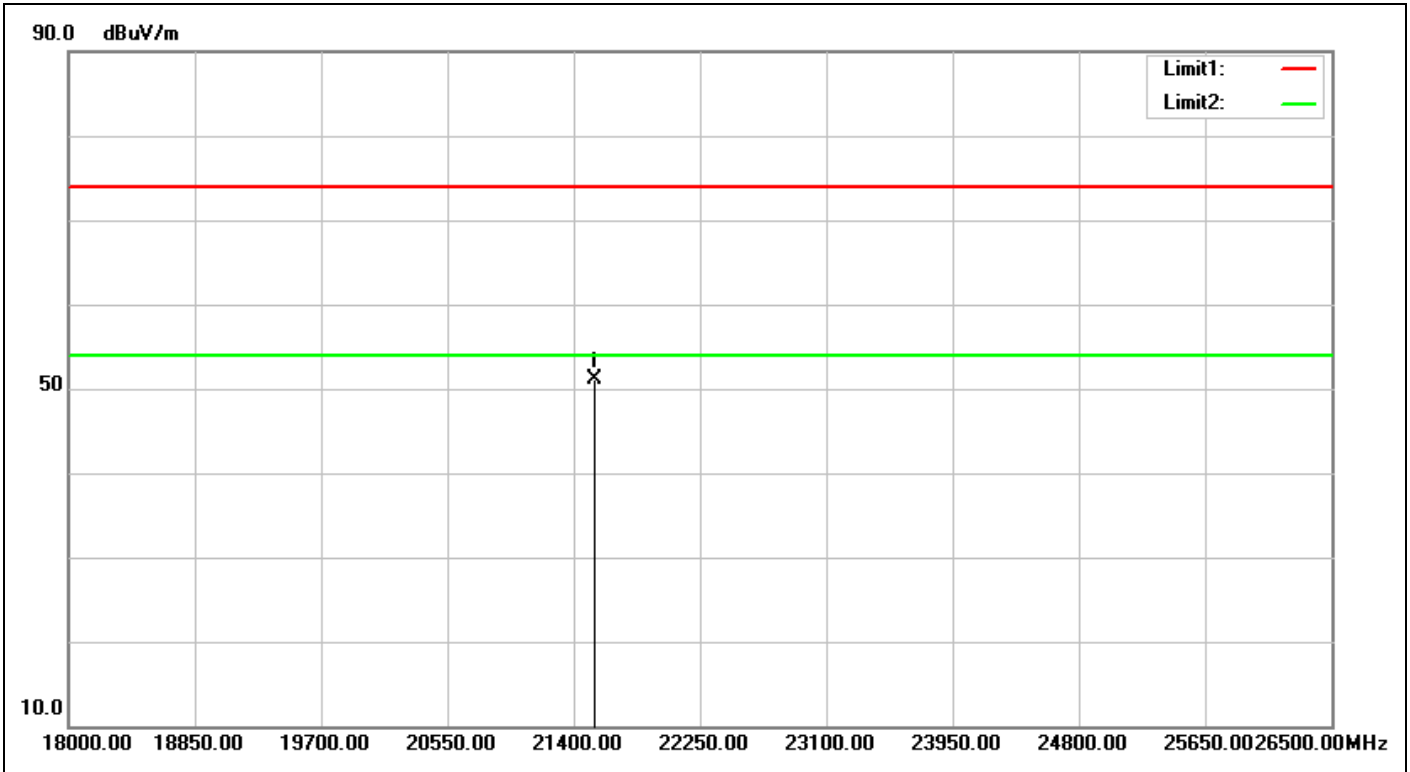
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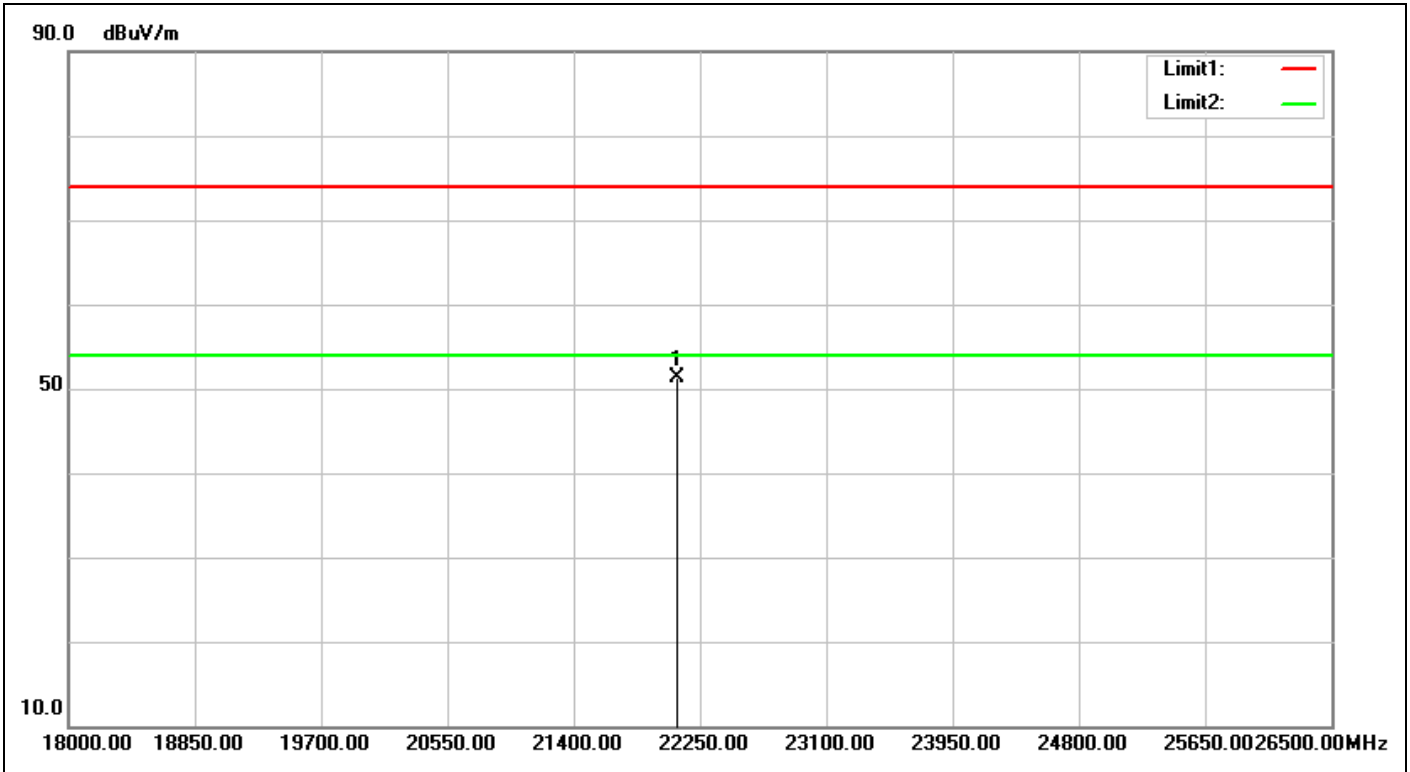
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:13:33
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	23567.500	32.71	17.71	50.42	74.00	-23.58	peak			



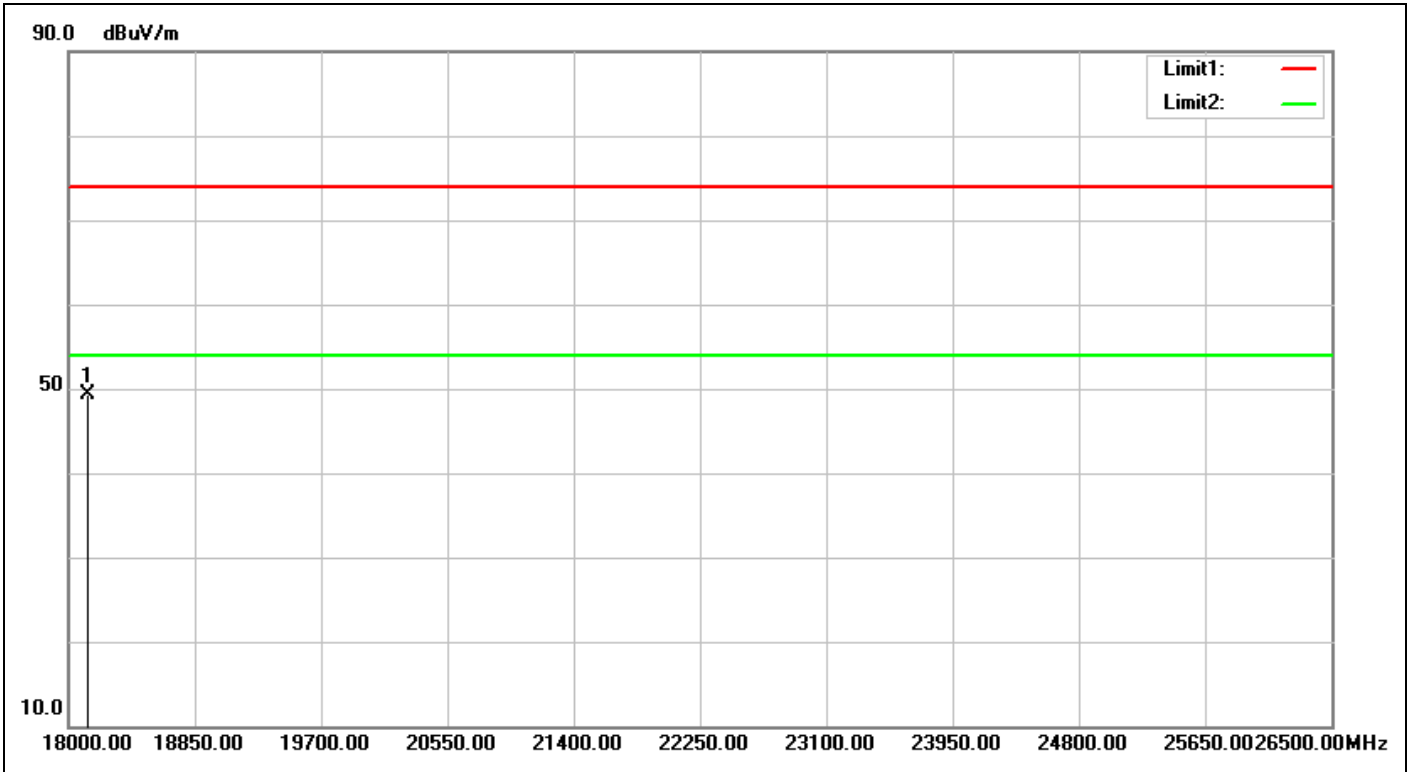
Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:13:42
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	21536.000	32.67	18.38	51.05	74.00	-22.95	peak			



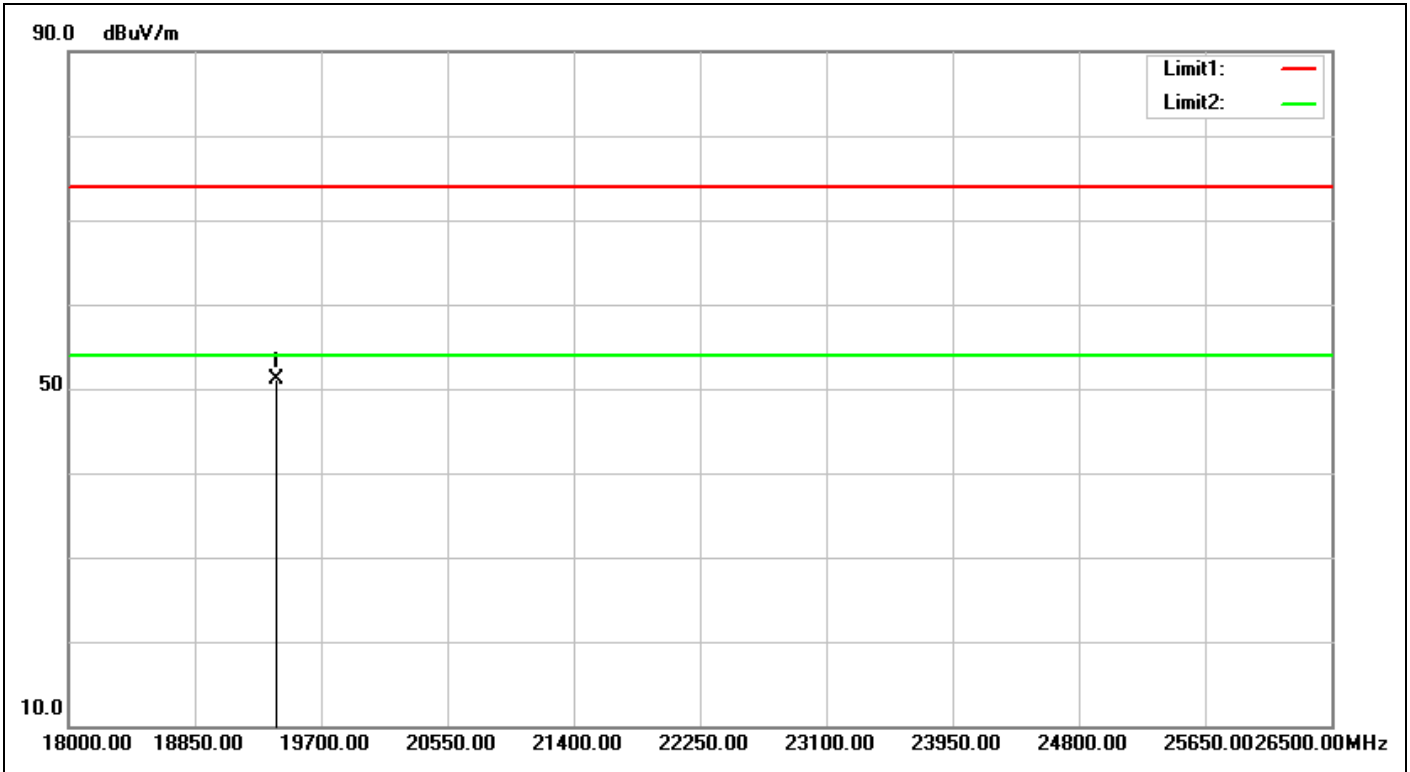
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:13:56
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22097.000	33.06	18.23	51.29	74.00	-22.71	peak			



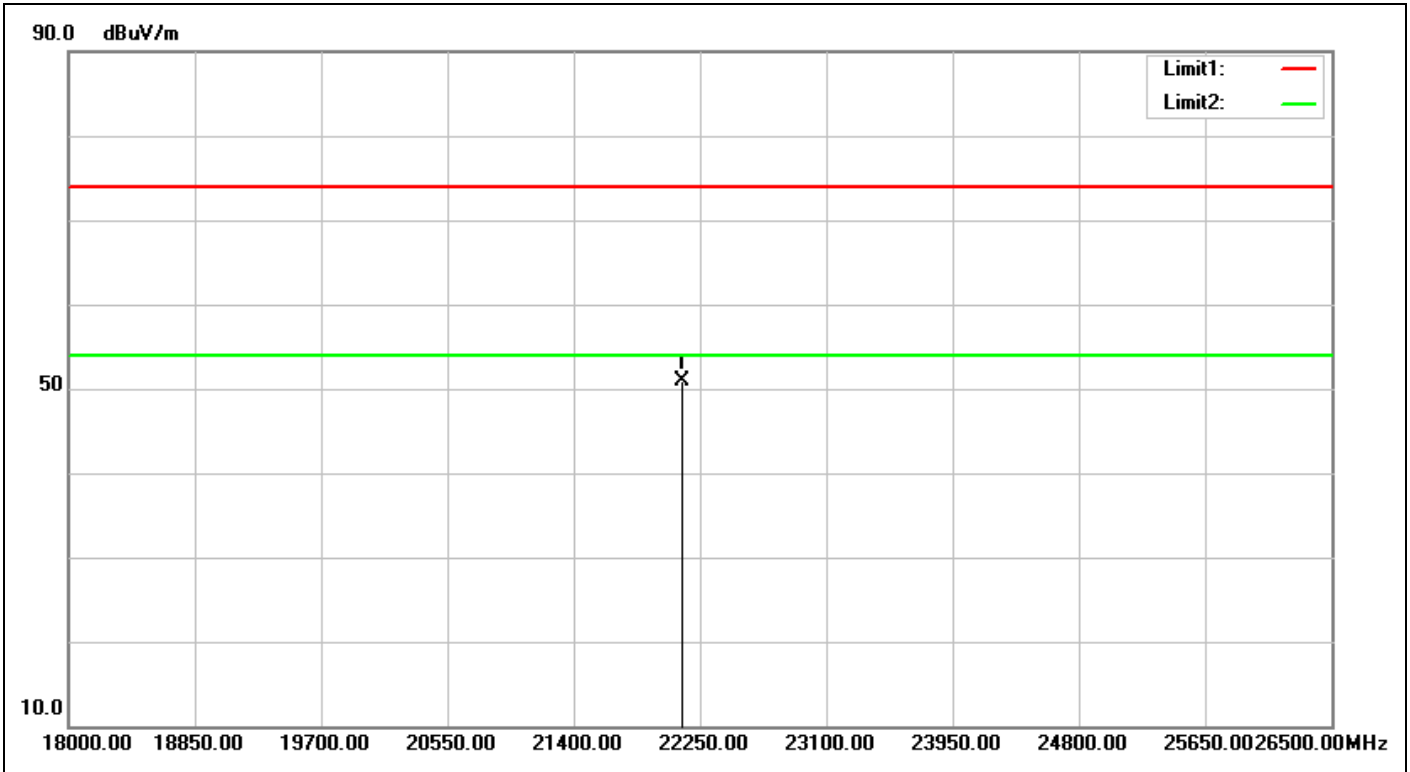
Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:14:05
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18127.500	28.87	20.42	49.29	74.00	-24.71	peak			



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:14:18
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	19402.500	31.08	19.93	51.01	74.00	-22.99	peak			



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:14:29
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	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	22131.000	33.04	17.87	50.91	74.00	-23.09	peak			

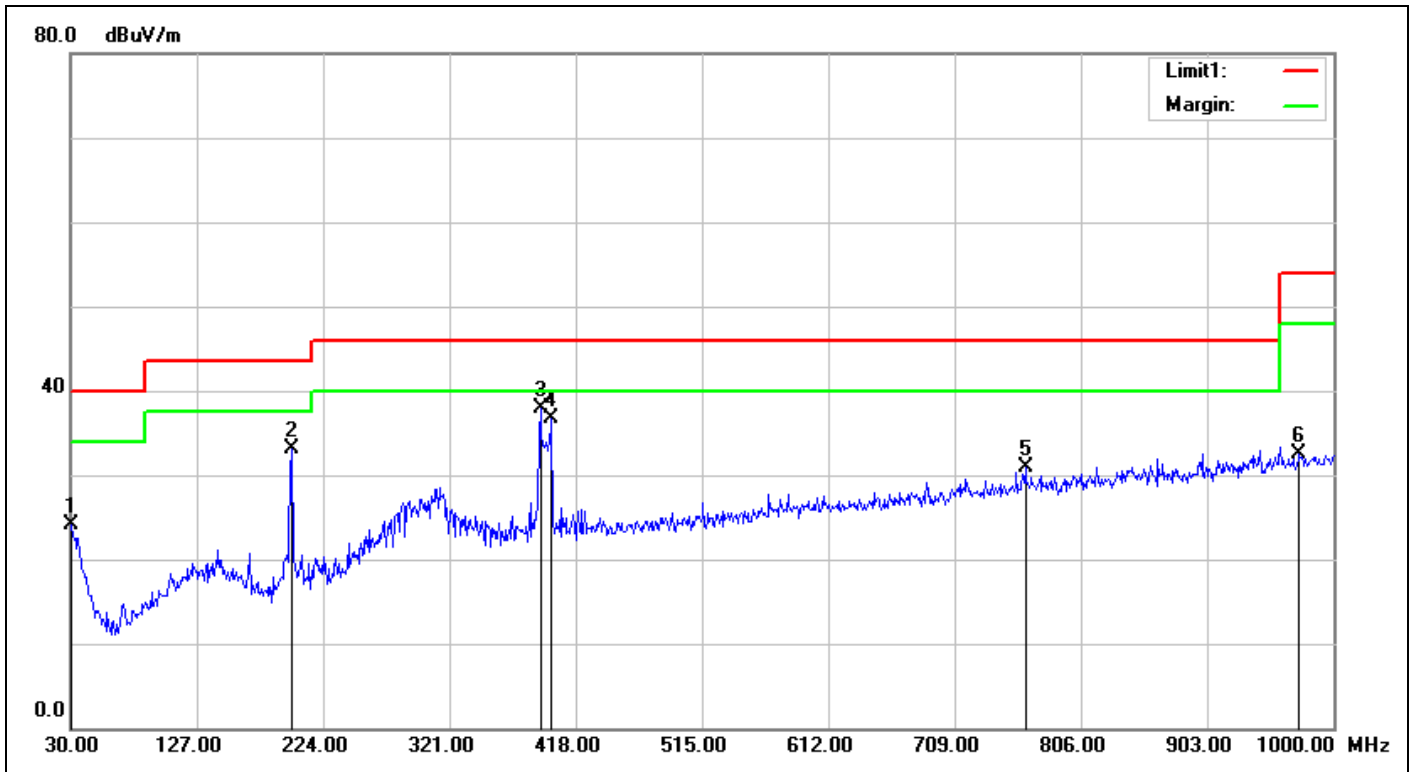
Spurious Emissions, TX Mode, 30M-1G



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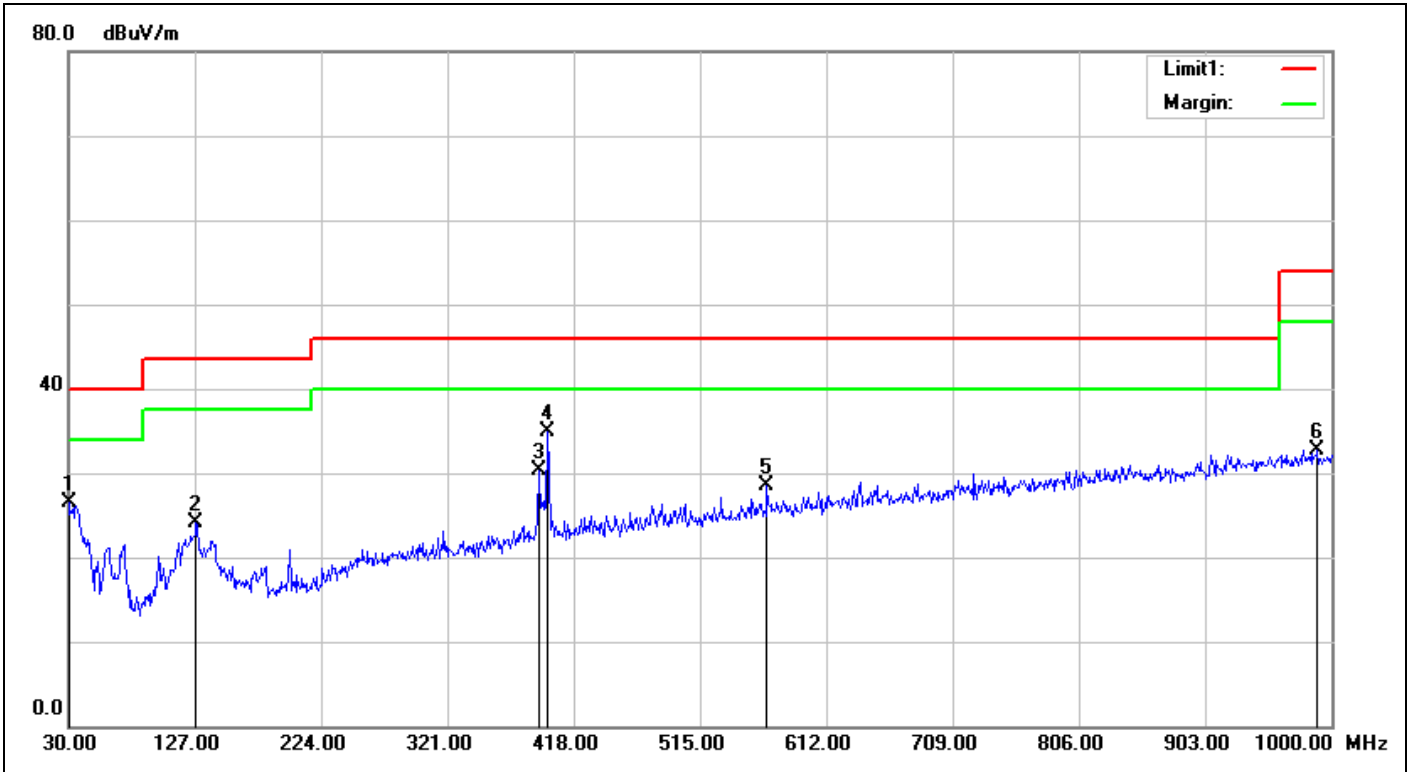
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Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:25:41
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.62	24.66	24.04	40.00	-15.96	QP	100	282	
2	199.7500	-8.91	42.03	33.12	43.50	-10.38	QP	100	159	
3	390.8399	-2.80	40.62	37.82	46.00	-8.18	QP	100	355	
4	399.5700	-2.66	39.35	36.69	46.00	-9.31	QP	100	248	
5	763.3200	2.47	28.44	30.91	46.00	-15.09	QP	100	33	
6	973.8100	5.60	26.96	32.56	54.00	-21.44	QP	100	183	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:26:45
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-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	26.51	26.44	40.00	-13.56	QP	100	143	
2	127.9700	-7.04	31.17	24.13	43.50	-19.37	QP	100	266	
3	390.8400	-2.80	33.04	30.24	46.00	-15.76	QP	100	191	
4	397.6300	-2.69	37.57	34.88	46.00	-11.12	QP	100	199	
5	566.4100	-0.52	28.95	28.43	46.00	-17.57	QP	100	116	
6	989.3300	5.74	27.03	32.77	54.00	-21.23	QP	100	183	

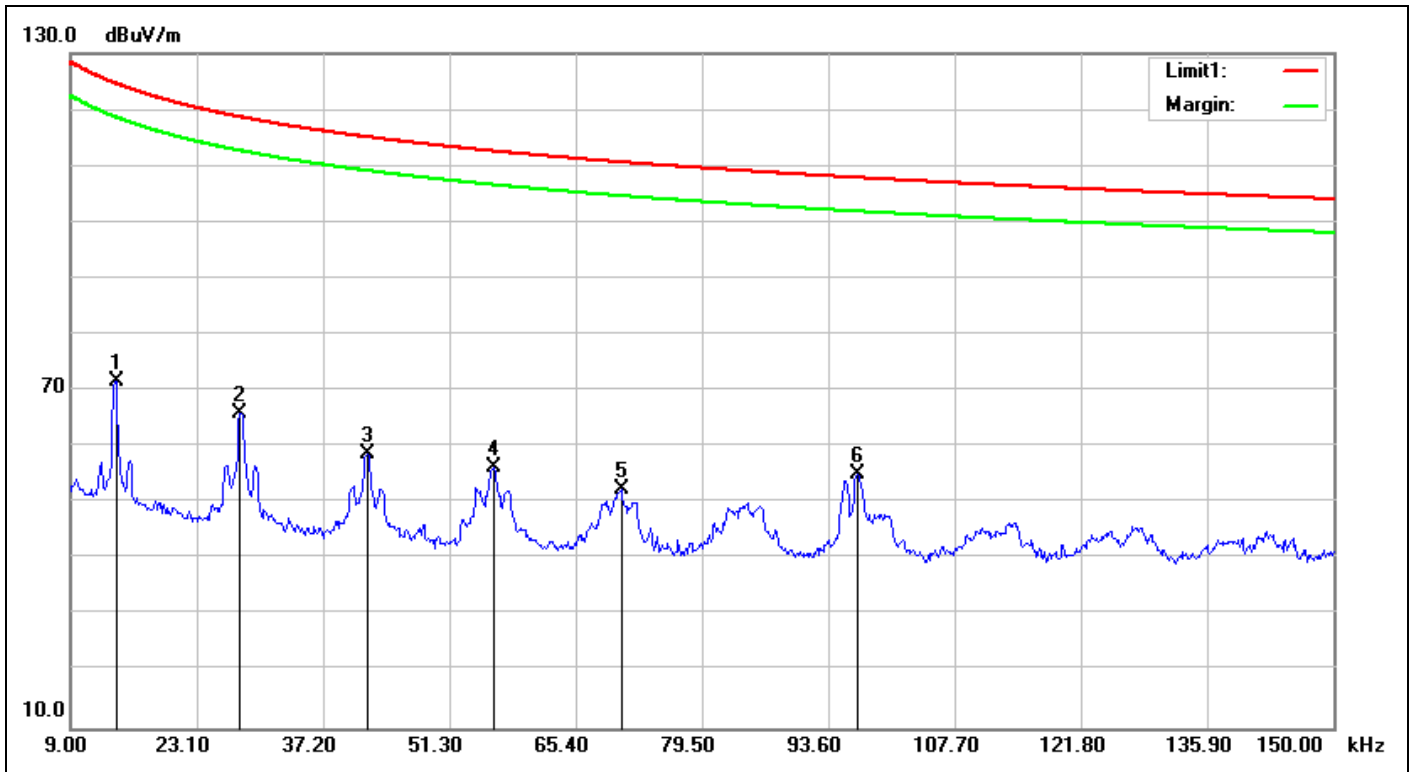
Spurious Emissions, TX Mode, 9K-30M



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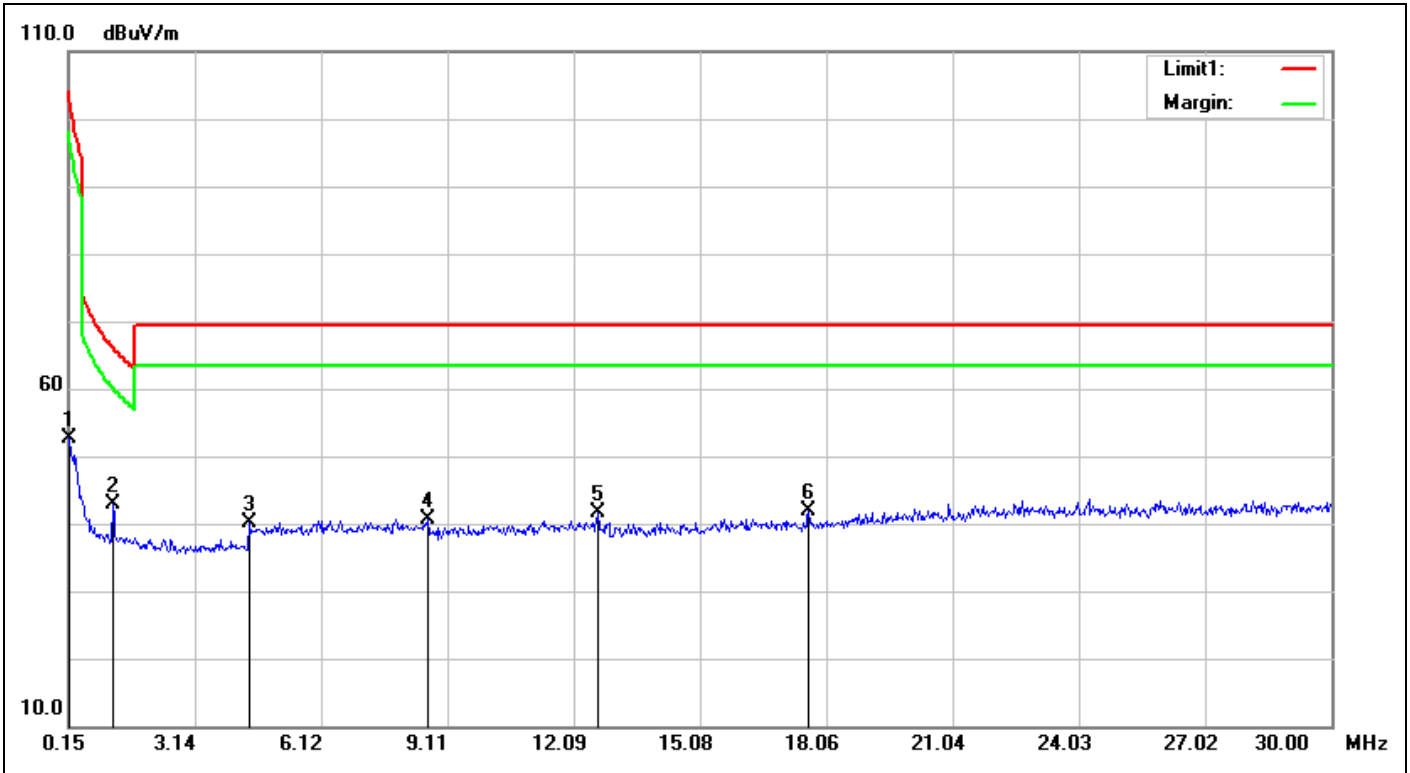
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/4/10 14:35:21
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0141	20.31	51.38	71.69	124.60	-52.91	QP	100	6	
2	0.0279	20.24	45.77	66.01	118.68	-52.67	QP	100	11	
3	0.0421	19.62	39.20	58.82	115.11	-56.29	QP	100	14	
4	0.0562	19.17	37.04	56.21	112.60	-56.39	QP	100	0	
5	0.0705	19.07	33.31	52.38	110.63	-58.25	QP	100	194	
6	0.0968	18.87	36.30	55.17	107.88	-52.71	QP	100	192	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/4/10 14:39:56
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1799	18.77	33.80	52.57	102.50	-49.93	QP	100	34	
2	1.1948	19.04	23.80	42.84	66.08	-23.24	QP	100	261	
3	4.4186	19.39	20.63	40.02	69.50	-29.48	QP	100	169	
4	8.6573	20.18	20.56	40.74	69.50	-28.76	QP	100	338	
5	12.6572	20.70	20.83	41.53	69.50	-27.97	QP	100	205	
6	17.6421	21.28	20.61	41.89	69.50	-27.61	QP	100	39	

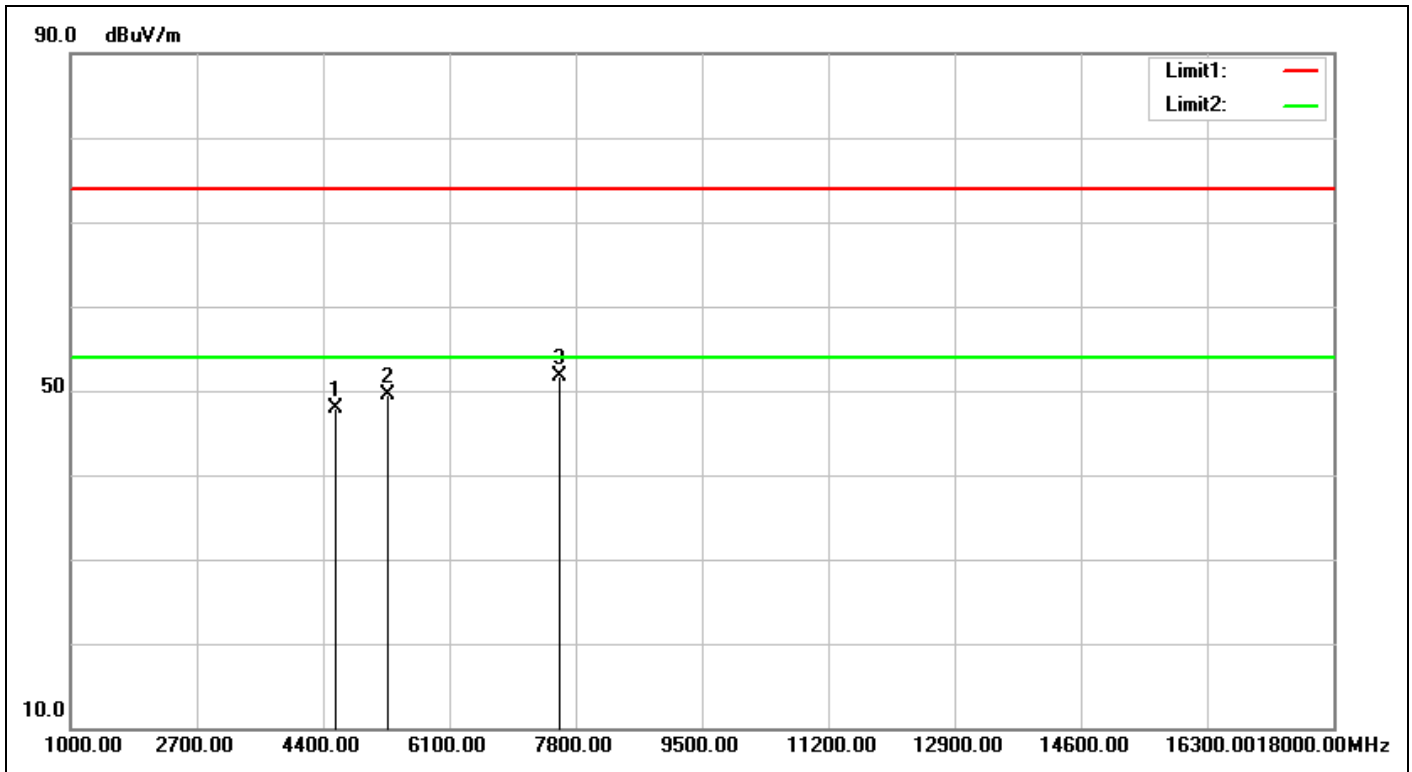
Spurious Emissions, RX Mode, 1-18G



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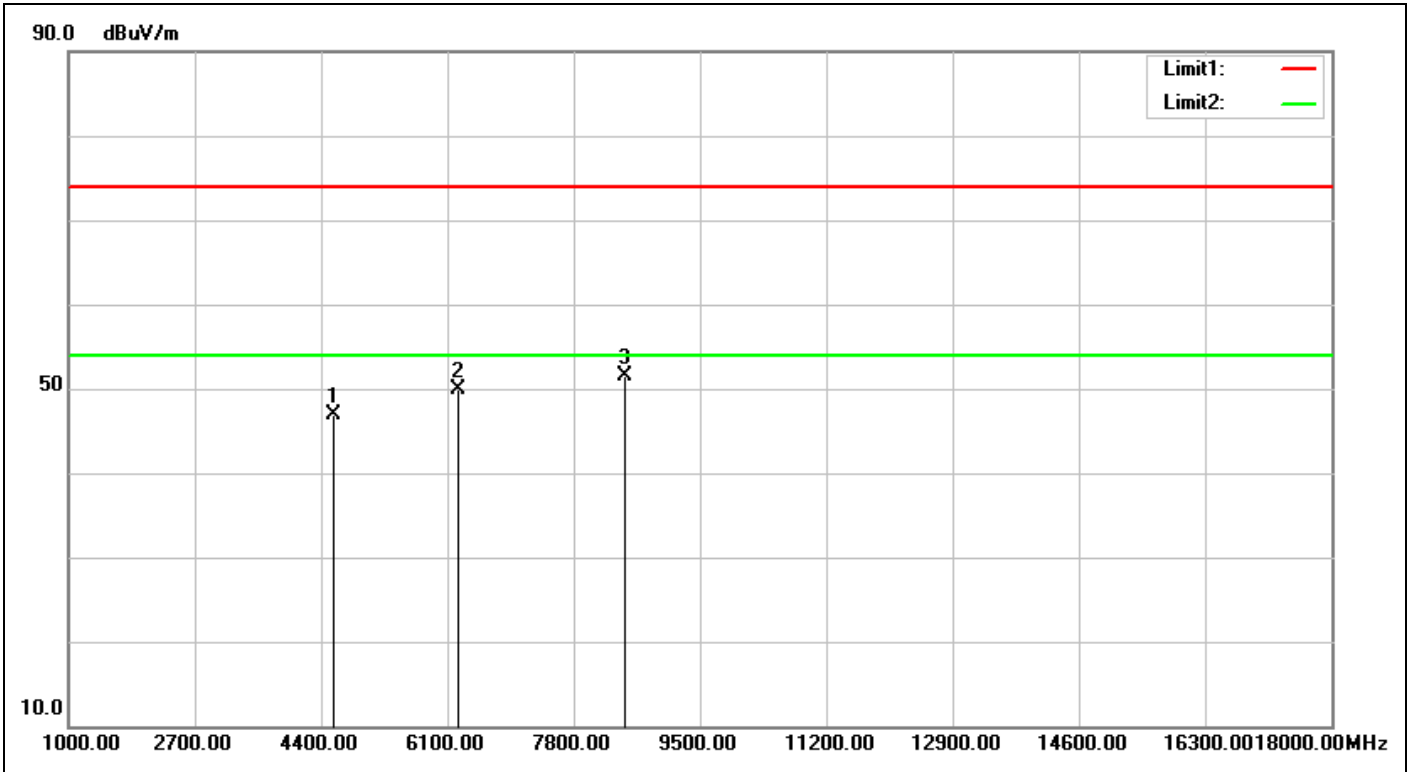
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:07:12
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4570.000	-3.19	51.18	47.99	74.00	-26.01	peak	100	186	
2	5267.000	-0.79	50.25	49.46	74.00	-24.54	peak	100	236	
3	7579.000	6.45	45.28	51.73	74.00	-22.27	peak	100	239	



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:08:15
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4570.000	-3.19	50.18	46.99	74.00	-27.01	peak	100	205	
2	6236.000	4.68	45.20	49.88	74.00	-24.12	peak	100	17	
3	8480.000	6.65	44.81	51.46	74.00	-22.54	peak	100	33	

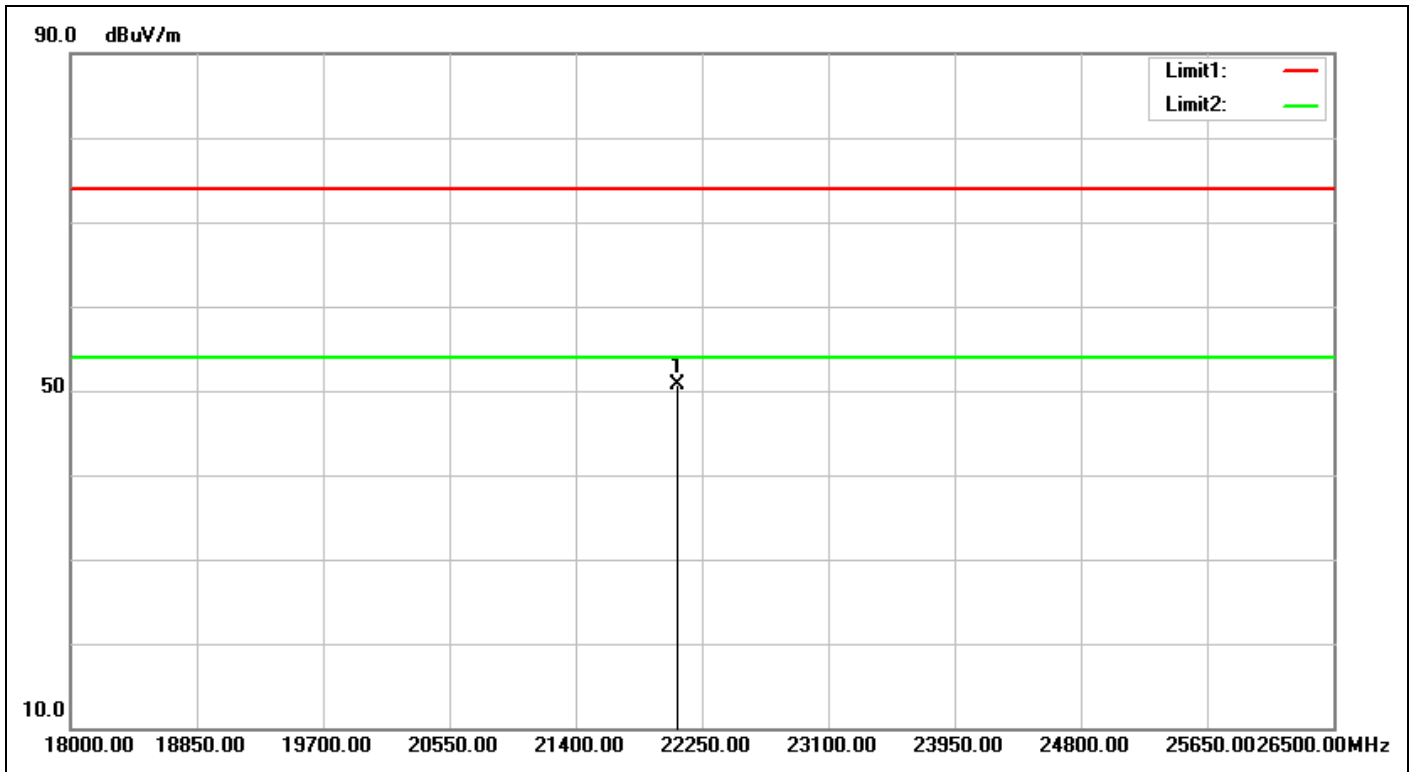
Spurious Emissions, RX Mode, 18-26G



TUV Taiwan

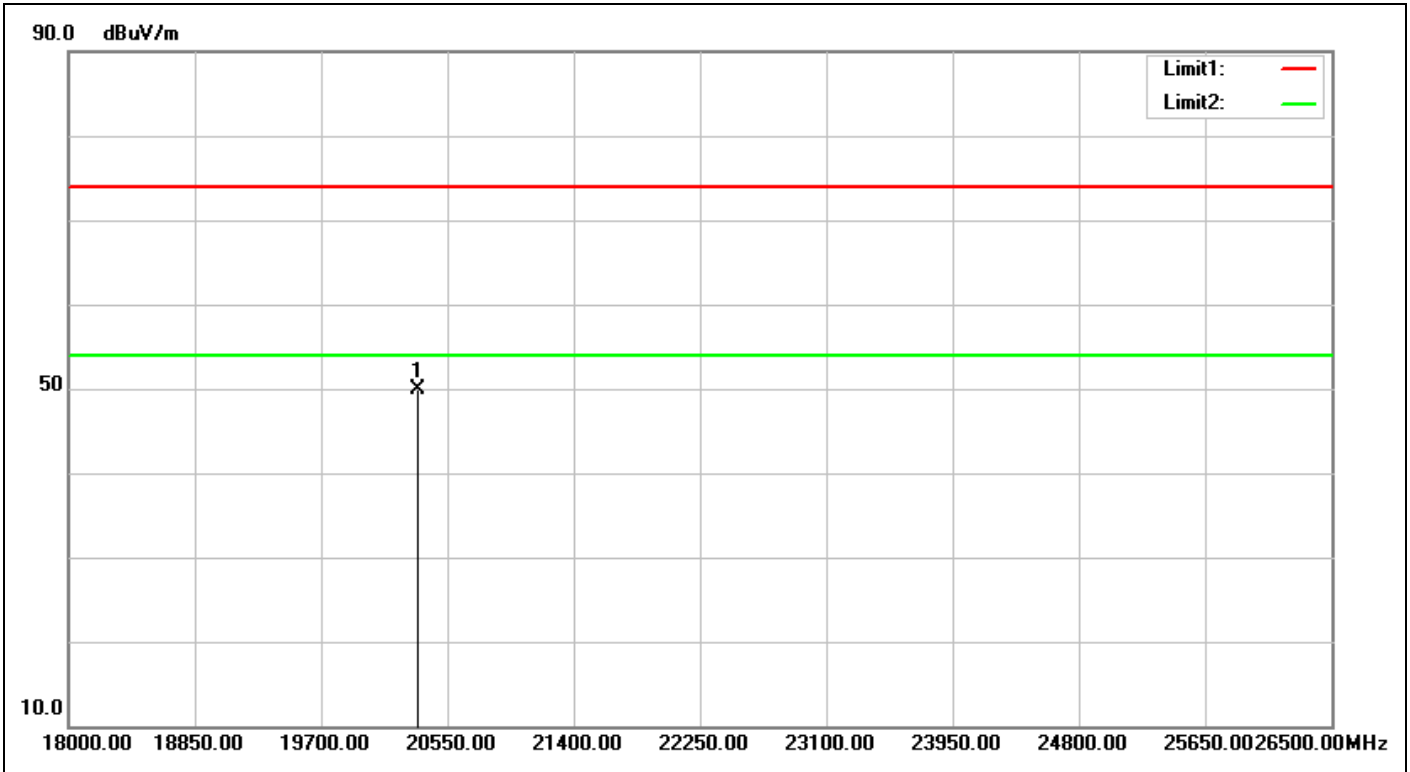
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:13:09
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22088.500	33.06	17.68	50.74	74.00	-23.26	peak	100	55	



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:13:18
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20354.500	31.66	18.23	49.89	74.00	-24.11	peak	100	348	

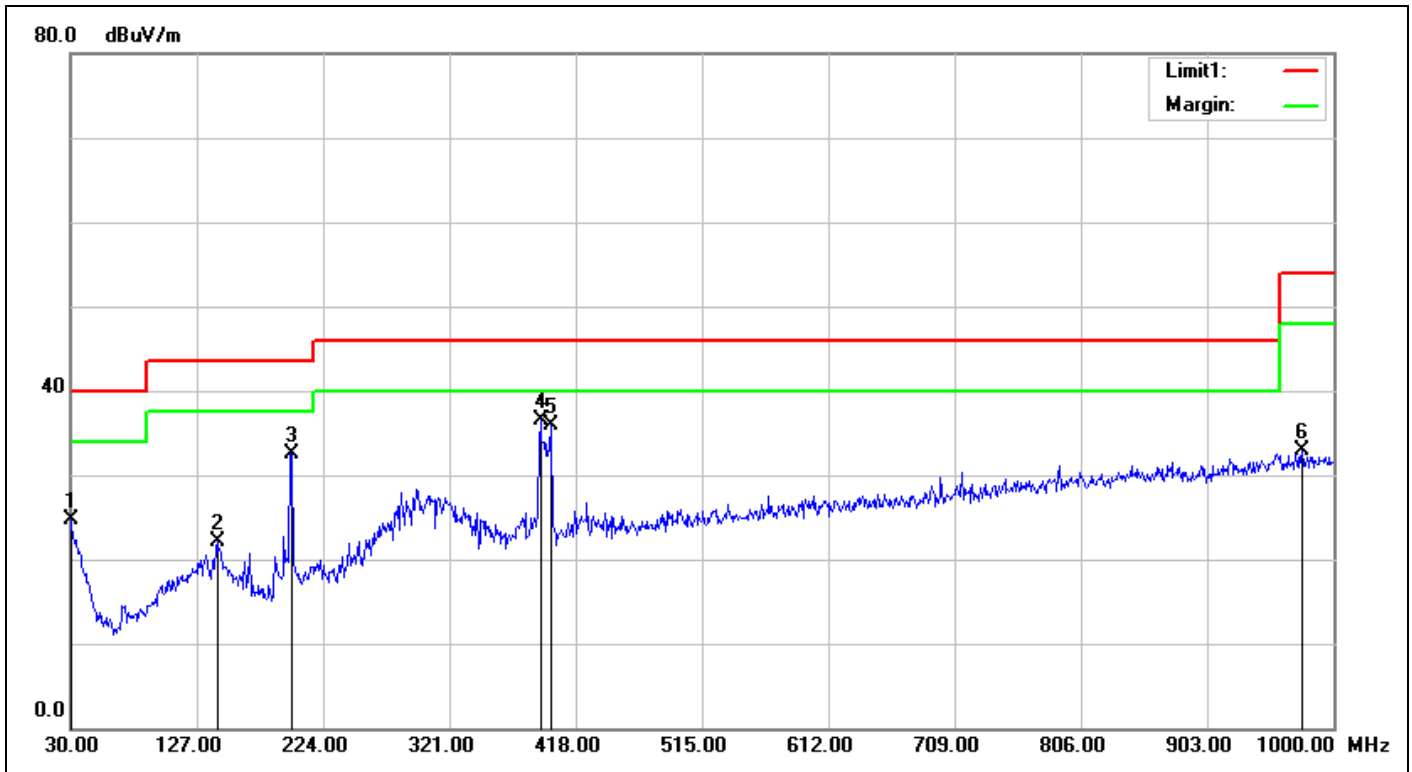
Spurious Emissions, RX Mode, 30M-1G



TUV Taiwan

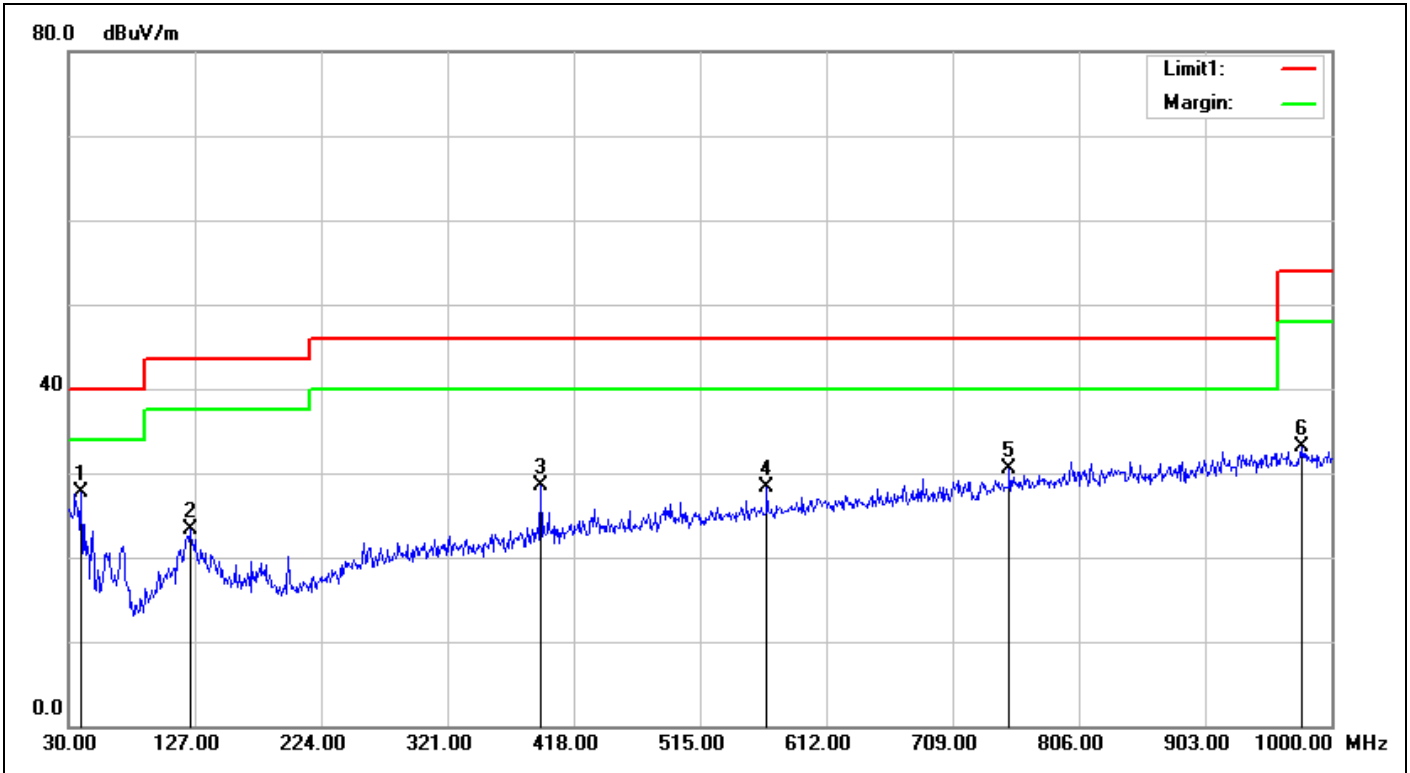
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/4/10 14:29:41
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-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	24.82	24.75	40.00	-15.25	QP	100	31	
2	142.5200	-7.11	29.26	22.15	43.50	-21.35	QP	100	245	
3	199.7500	-8.91	41.40	32.49	43.50	-11.01	QP	100	250	
4	390.8399	-2.80	39.40	36.60	46.00	-9.40	QP	100	226	
5	398.6000	-2.67	38.54	35.87	46.00	-10.13	QP	100	358	
6	975.7500	5.62	27.32	32.94	54.00	-21.06	QP	100	146	



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/4/10 14:30:45
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	39.7000	-5.63	33.29	27.66	40.00	-12.34	QP	100	282	
2	123.1200	-7.22	30.56	23.34	43.50	-20.16	QP	100	279	
3	392.7800	-2.76	31.30	28.54	46.00	-17.46	QP	100	226	
4	566.4100	-0.52	28.83	28.31	46.00	-17.69	QP	100	160	
5	752.6500	2.37	28.06	30.43	46.00	-15.57	QP	100	285	
6	977.6900	5.63	27.52	33.15	54.00	-20.85	QP	100	152	

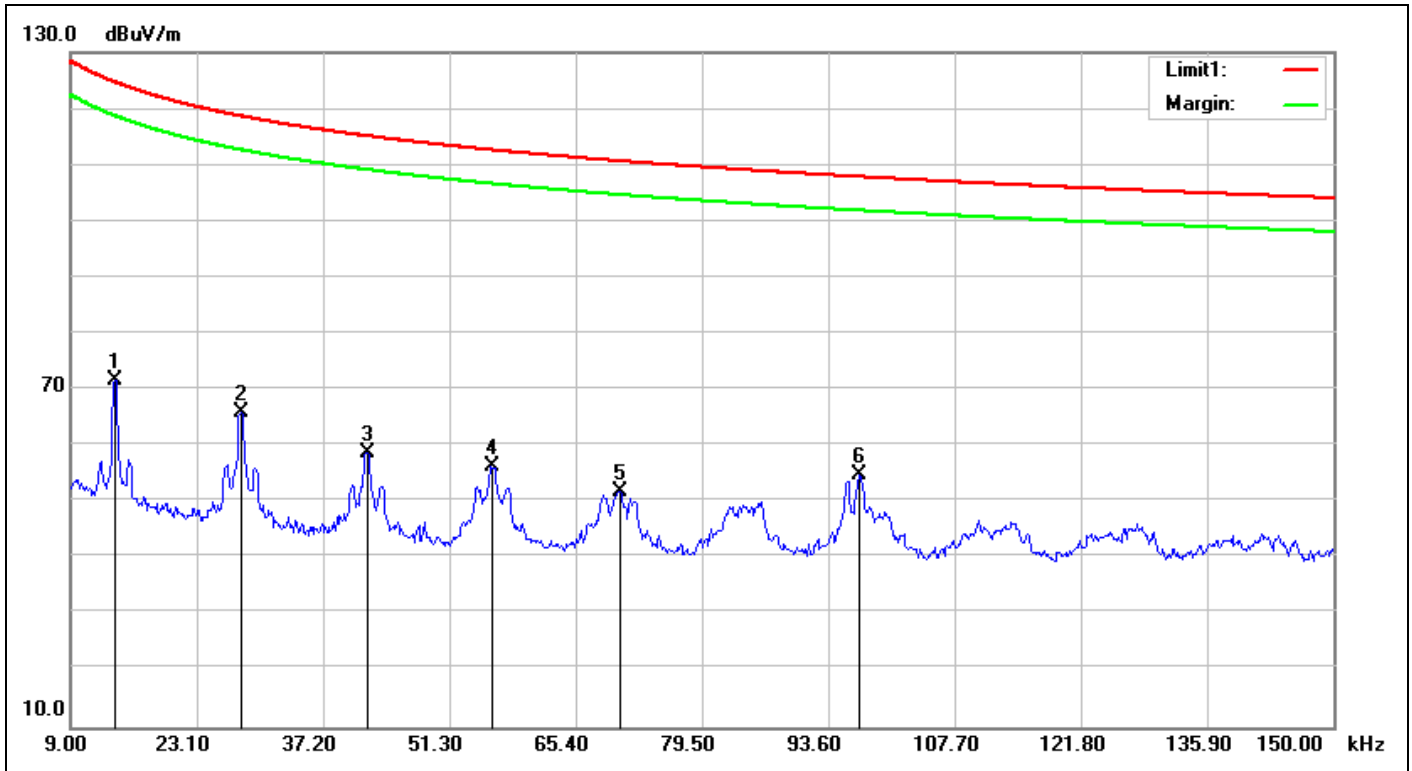
Spurious Emissions, RX Mode, 9K-30M



TUV Taiwan

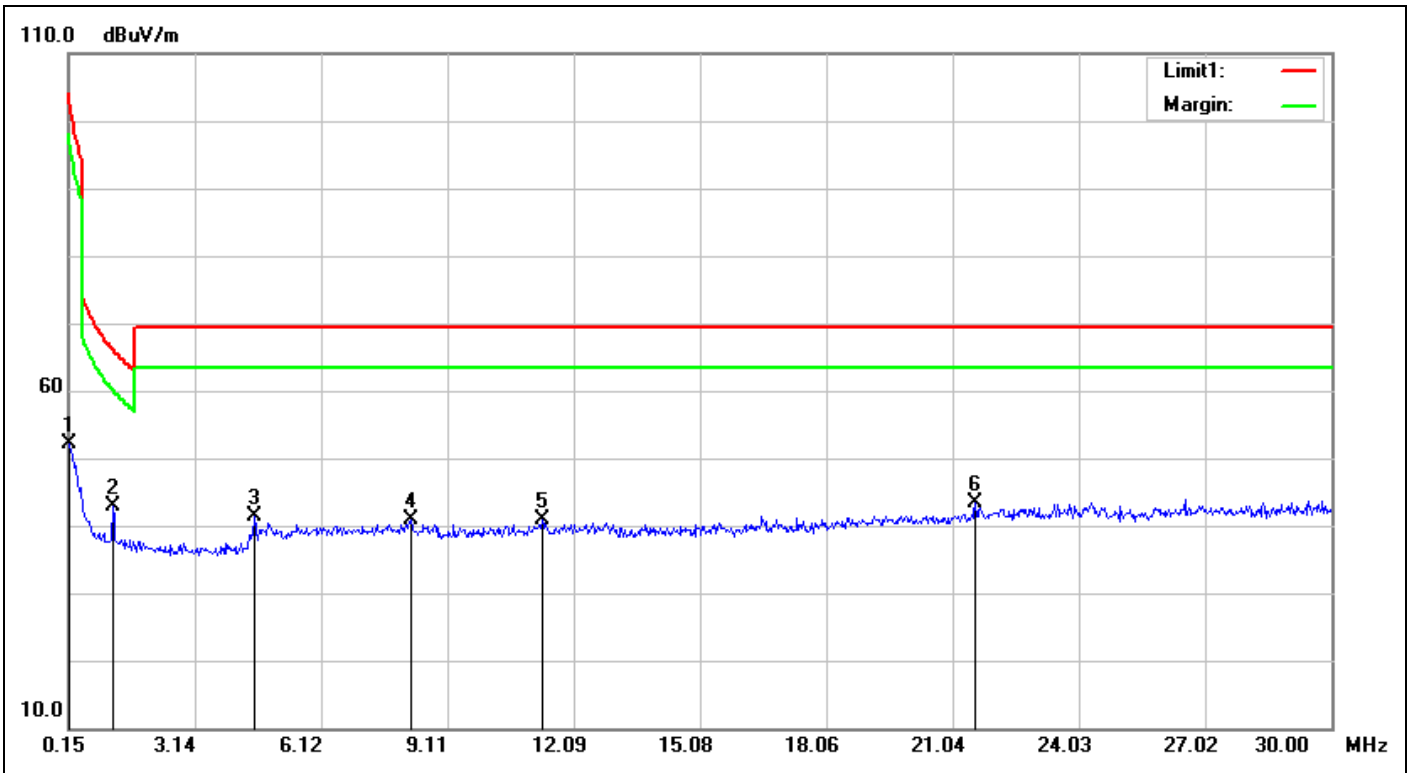
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/4/10 14:37:20
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0139	20.31	51.40	71.71	124.73	-53.02	QP	100	17	
2	0.0280	20.24	45.65	65.89	118.65	-52.76	QP	100	14	
3	0.0421	19.62	39.14	58.76	115.11	-56.35	QP	100	14	
4	0.0560	19.17	37.19	56.36	112.63	-56.27	QP	100	194	
5	0.0703	19.07	32.90	51.97	110.66	-58.69	QP	100	360	
6	0.0971	18.86	36.06	54.92	107.85	-52.93	QP	100	194	



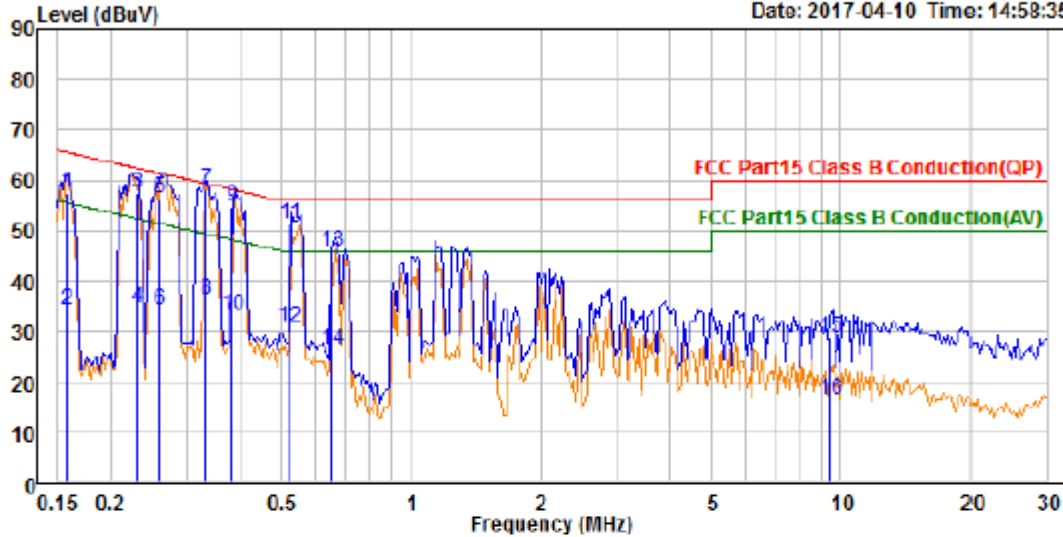
Service No.:	114062006	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/4/10 14:42:31
Applicant:	Elgato Systems	Test Rating:	DC 3V
Product:	Eve Energy US	Temp.(°C)/Hum.(%):	21.5(°C)/48%
Model No.:	20EAG4101	Test Engineer:	George Yang
Test Mode:	2440-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	33.41	52.21	104.08	-51.87	QP	100	11	
2	1.1948	19.04	23.81	42.85	66.08	-23.23	QP	100	254	
3	4.5380	19.43	21.83	41.26	69.50	-28.24	QP	100	105	
4	8.2394	20.11	20.80	40.91	69.50	-28.59	QP	100	354	
5	11.3438	20.55	20.23	40.78	69.50	-28.72	QP	100	237	
6	21.5823	21.66	21.73	43.39	69.50	-26.11	QP	100	174	

Mains Spurious Emissions

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Date: 2017-04-10 Time: 14:58:35



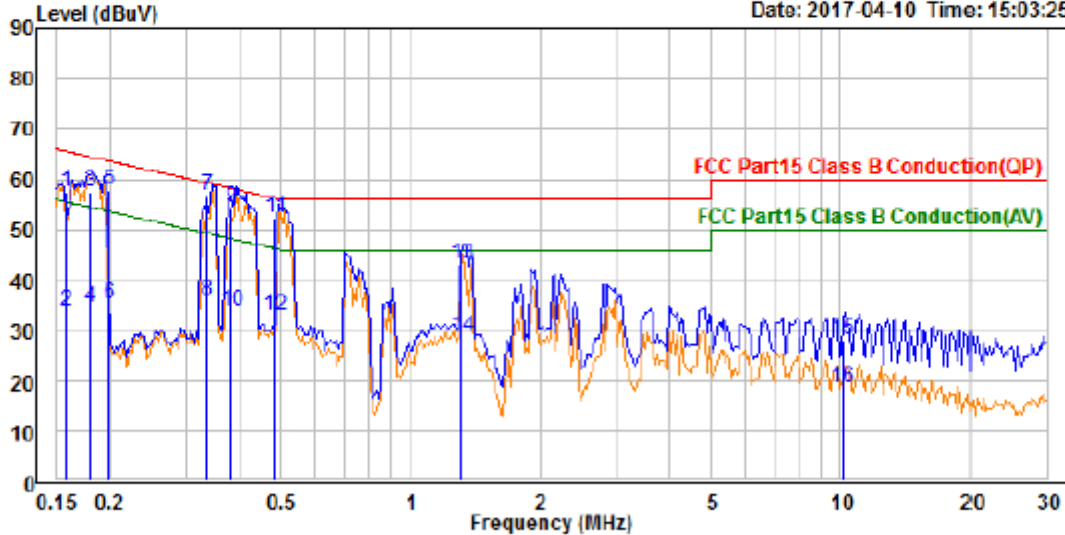
Trace: 1

Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) line1
 Test Engineer: George Yang
 Applicant : Elgato Systems
 Product : EVE Energy US
 Model No. : 20EAG4101
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 23.9°C / 39%
 Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.158	57.58	47.80	9.78	65.59	-8.01	QP
2	0.158	34.16	24.38	9.78	55.59	-21.43	Average
3	0.230	57.39	47.63	9.76	62.47	-5.08	QP
4	0.230	34.44	24.68	9.76	52.47	-18.03	Average
5	0.260	56.45	46.70	9.75	61.42	-4.97	QP
6	0.260	34.07	24.32	9.75	51.42	-17.35	Average
7	0.333	58.05	48.30	9.75	59.38	-1.33	QP
8	0.333	36.27	26.52	9.75	49.38	-13.11	Average
9	0.381	54.64	44.89	9.75	58.25	-3.61	QP
10	0.381	33.17	23.42	9.75	48.25	-15.08	Average
11	0.519	51.19	41.44	9.75	56.00	-4.81	QP
12	0.519	30.96	21.21	9.75	46.00	-15.04	Average
13	0.651	45.82	36.07	9.75	56.00	-10.18	QP
14	0.651	26.29	16.54	9.75	46.00	-19.71	Average
15	9.463	28.76	18.91	9.85	60.00	-31.24	QP
16	9.463	16.41	6.56	9.85	50.00	-33.59	Average

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Date: 2017-04-10 Time: 15:03:25



Trace: 1

Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) neutral
 Test Engineer: George Yang
 Applicant : Elgato Systems
 Product : EVE Energy US
 Model No. : 20EAG4101
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 23.9°C / 39%
 Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.158	57.37	47.65	9.72	65.54	-8.17	QP
2	0.158	34.02	24.30	9.72	55.54	-21.52	Average
3	0.179	57.40	47.70	9.70	64.53	-7.13	QP
4	0.179	34.67	24.97	9.70	54.53	-19.86	Average
5	0.199	57.67	47.98	9.69	63.67	-6.00	QP
6	0.199	35.37	25.68	9.69	53.67	-18.30	Average
7	0.337	56.94	47.26	9.68	59.29	-2.35	QP
8	0.337	35.82	26.14	9.68	49.29	-13.47	Average
9	0.383	54.43	44.75	9.68	58.21	-3.78	QP
10	0.383	33.90	24.22	9.68	48.21	-14.31	Average
11	0.483	52.34	42.66	9.68	56.28	-3.94	QP
12	0.483	32.93	23.25	9.68	46.28	-13.35	Average
13	1.318	42.99	33.29	9.70	56.00	-13.01	QP
14	1.318	28.85	19.15	9.70	46.00	-17.15	Average
15	10.115	27.89	18.05	9.84	60.00	-32.11	QP
16	10.115	18.46	8.62	9.84	50.00	-31.54	Average