

Test Report No.50091057 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50091057AppendixD)

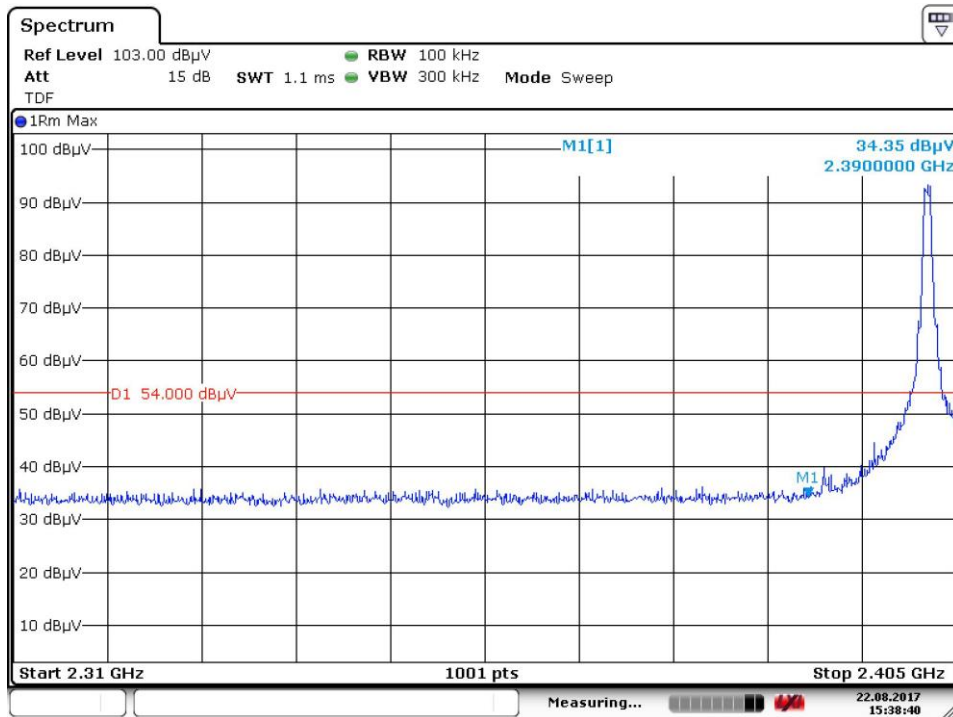
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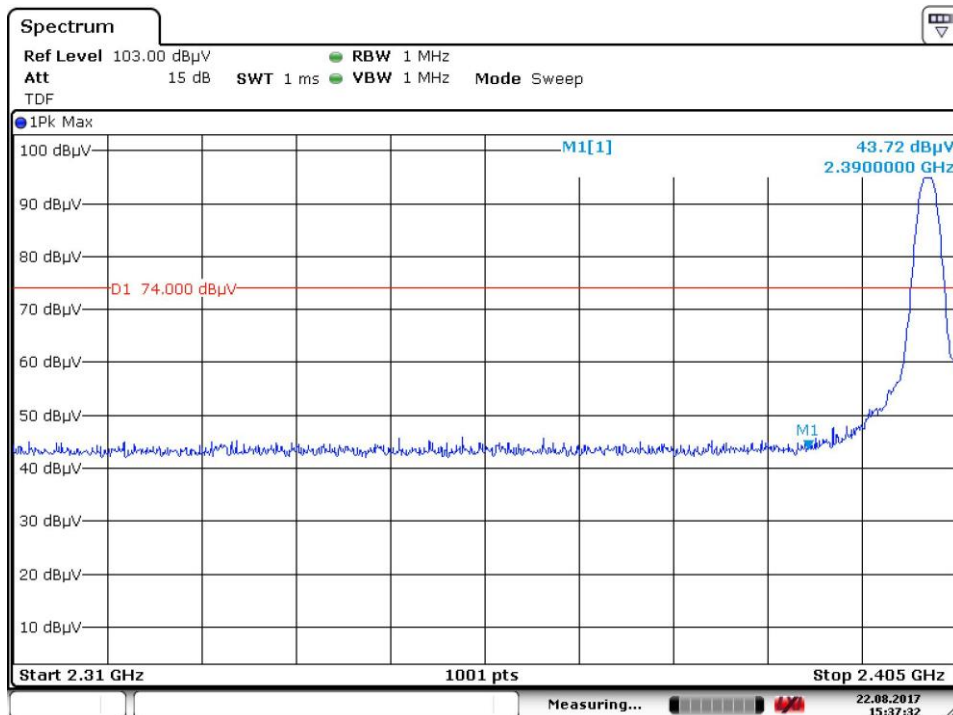
Spurious Emissions, Band Edges, 2.35-2.5G

Radiated Bandedge (GFSK)

Low Channel (Hor)



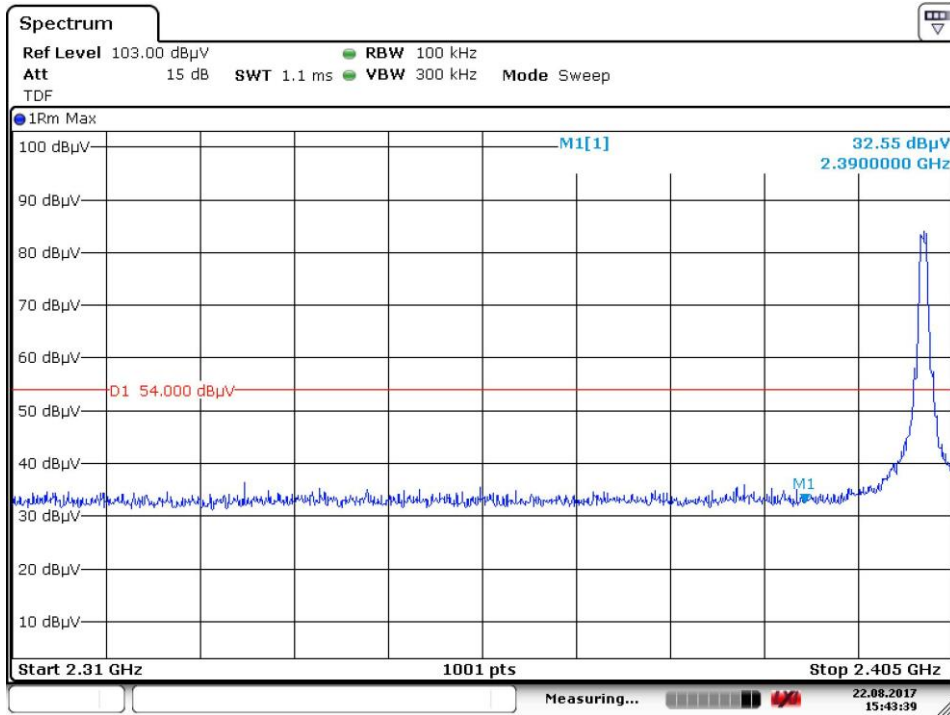
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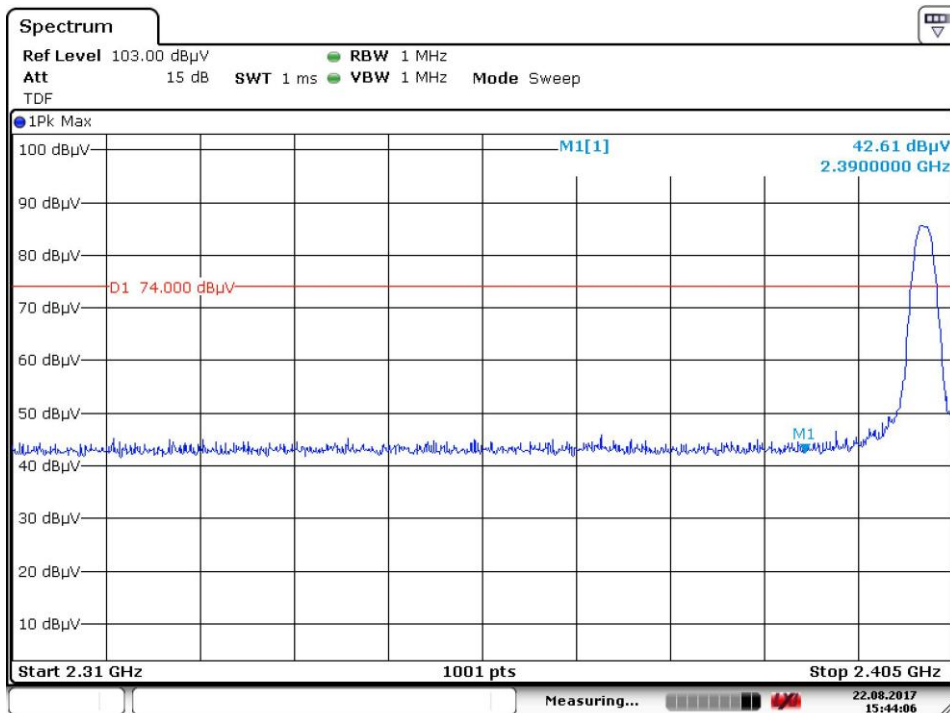
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Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)



Date: 22.AUG.2017 15:43:39

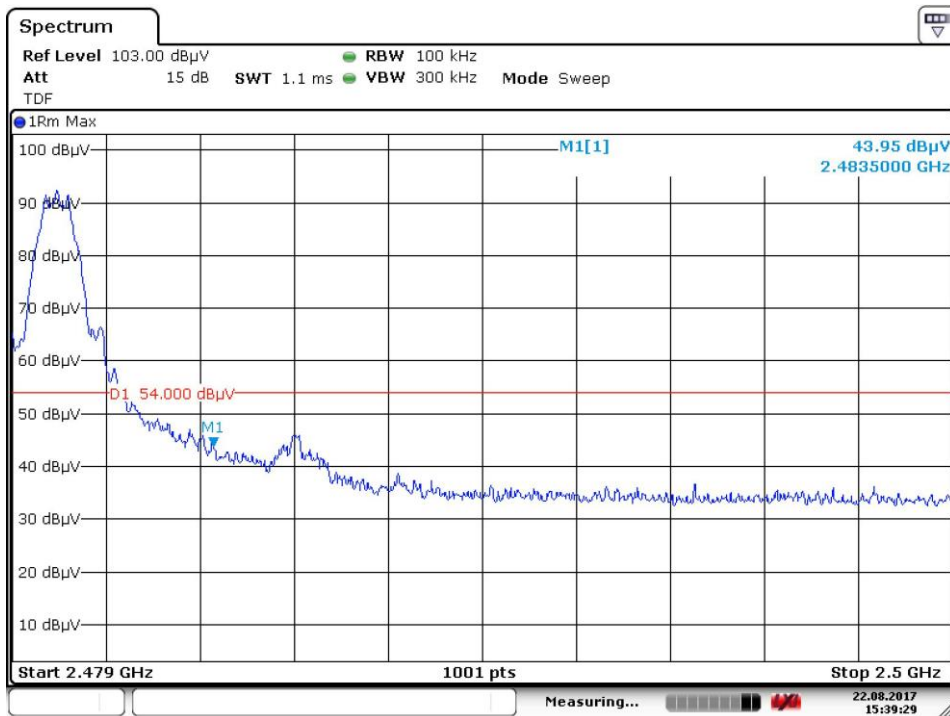


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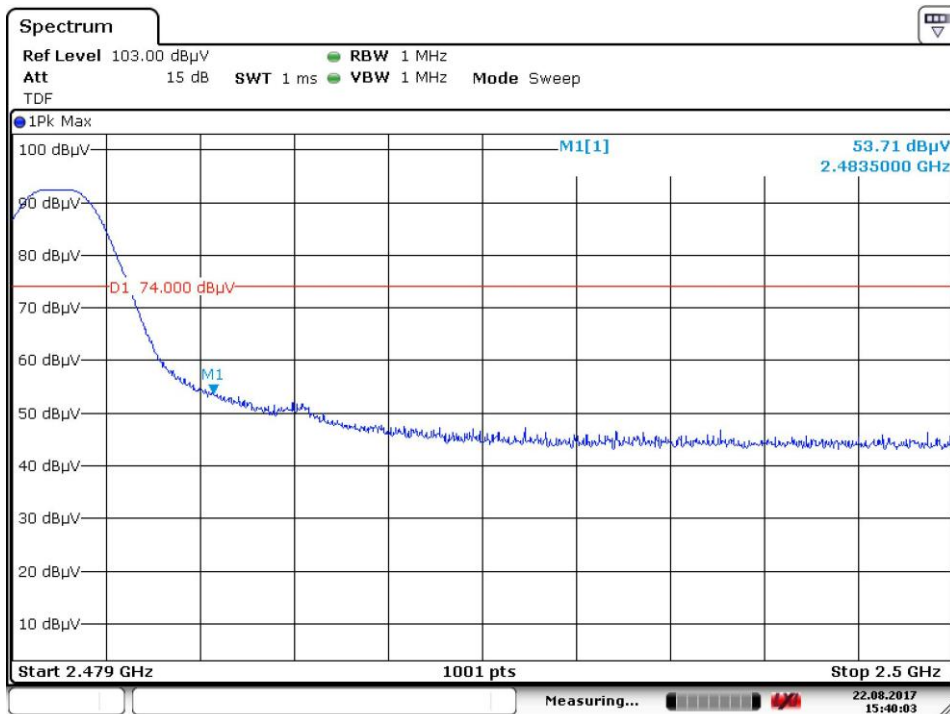
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (GFSK)

High Channel (Hor)



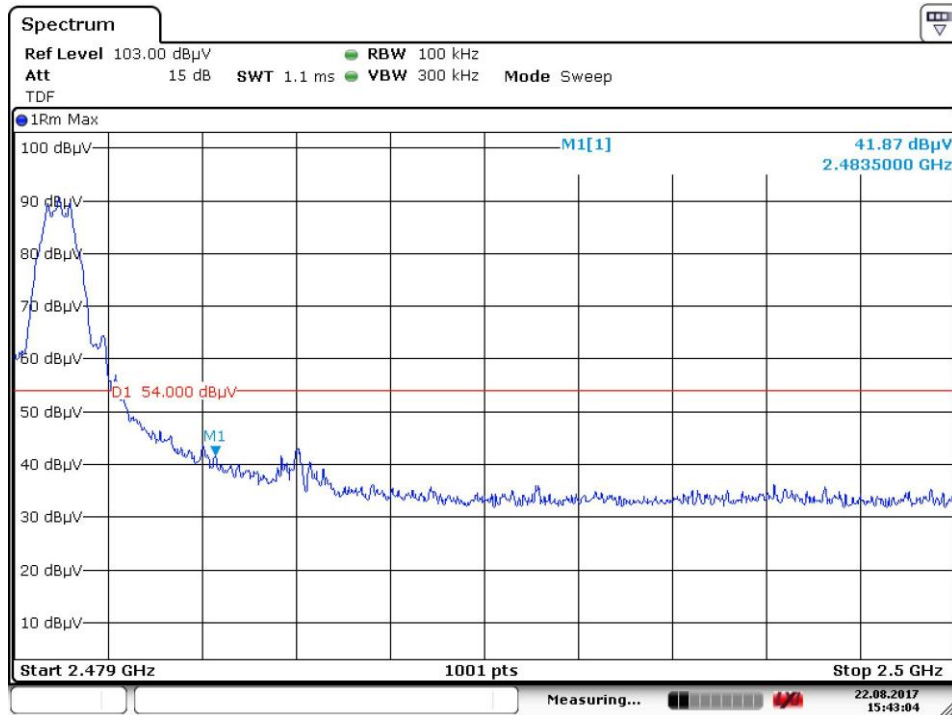
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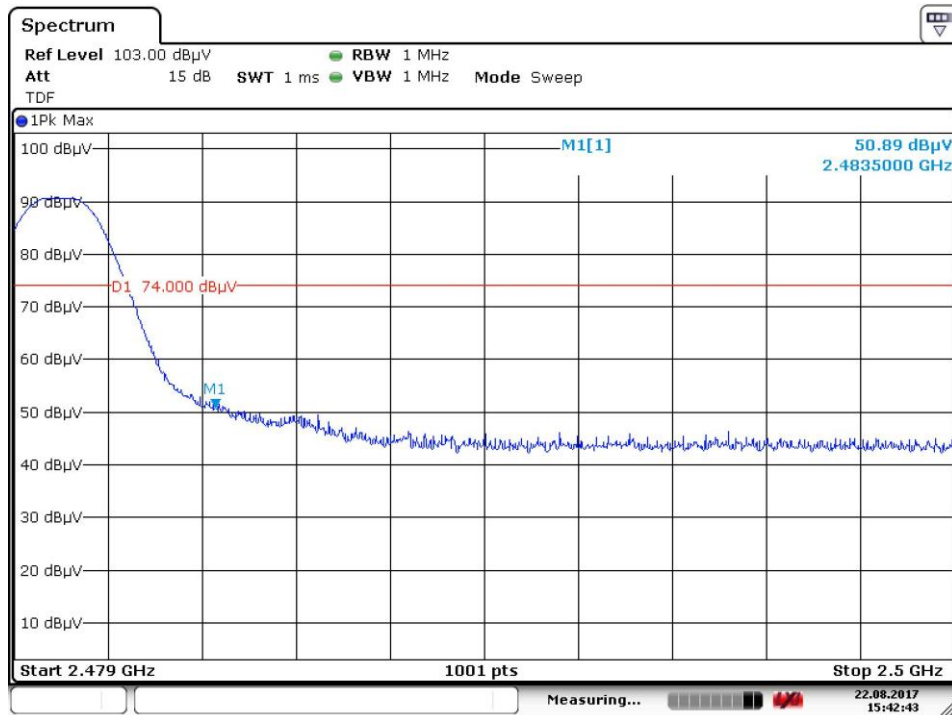
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Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Date: 22.AUG.2017 15:43:04



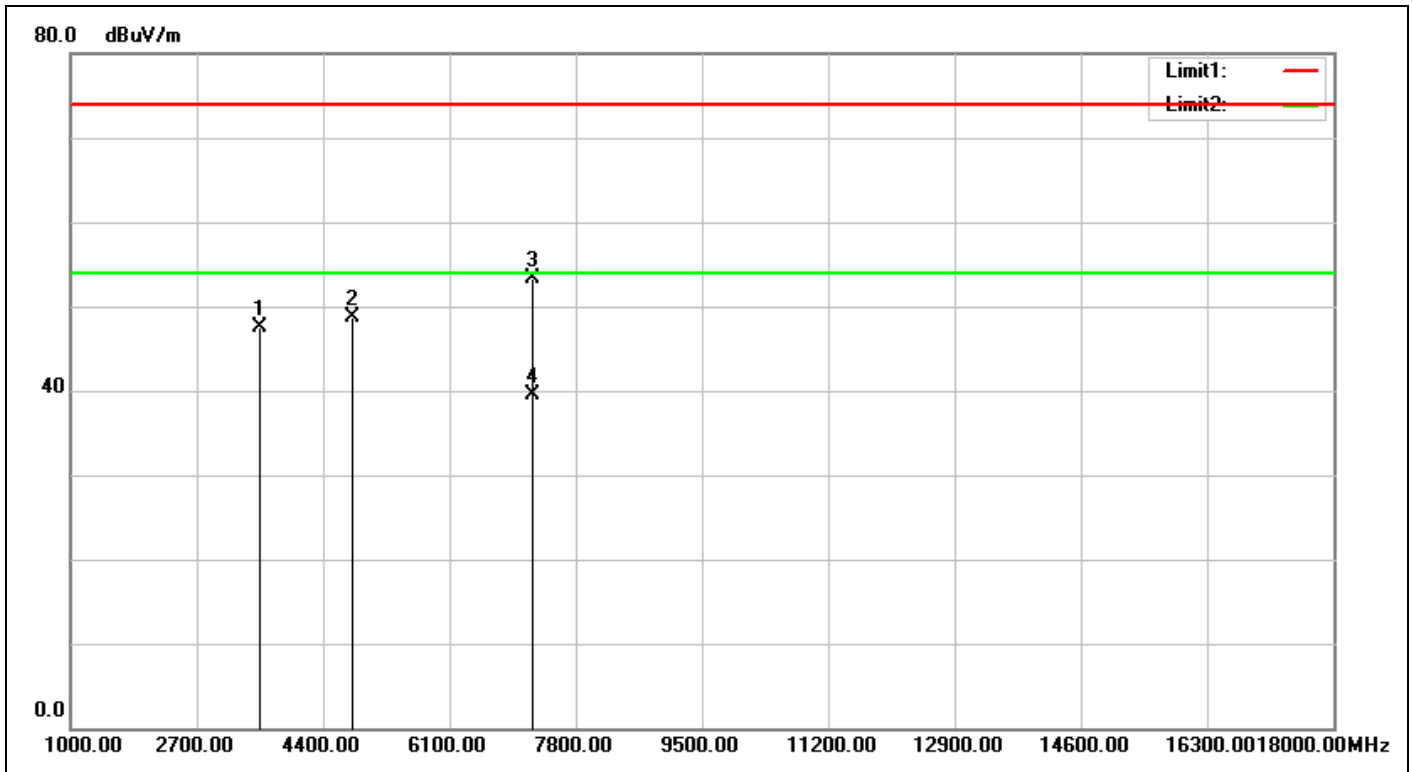
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Spurious Emissions, Band Edge, 2.35-2.5G

Spurious Emissions, TX Mode, 1-18G

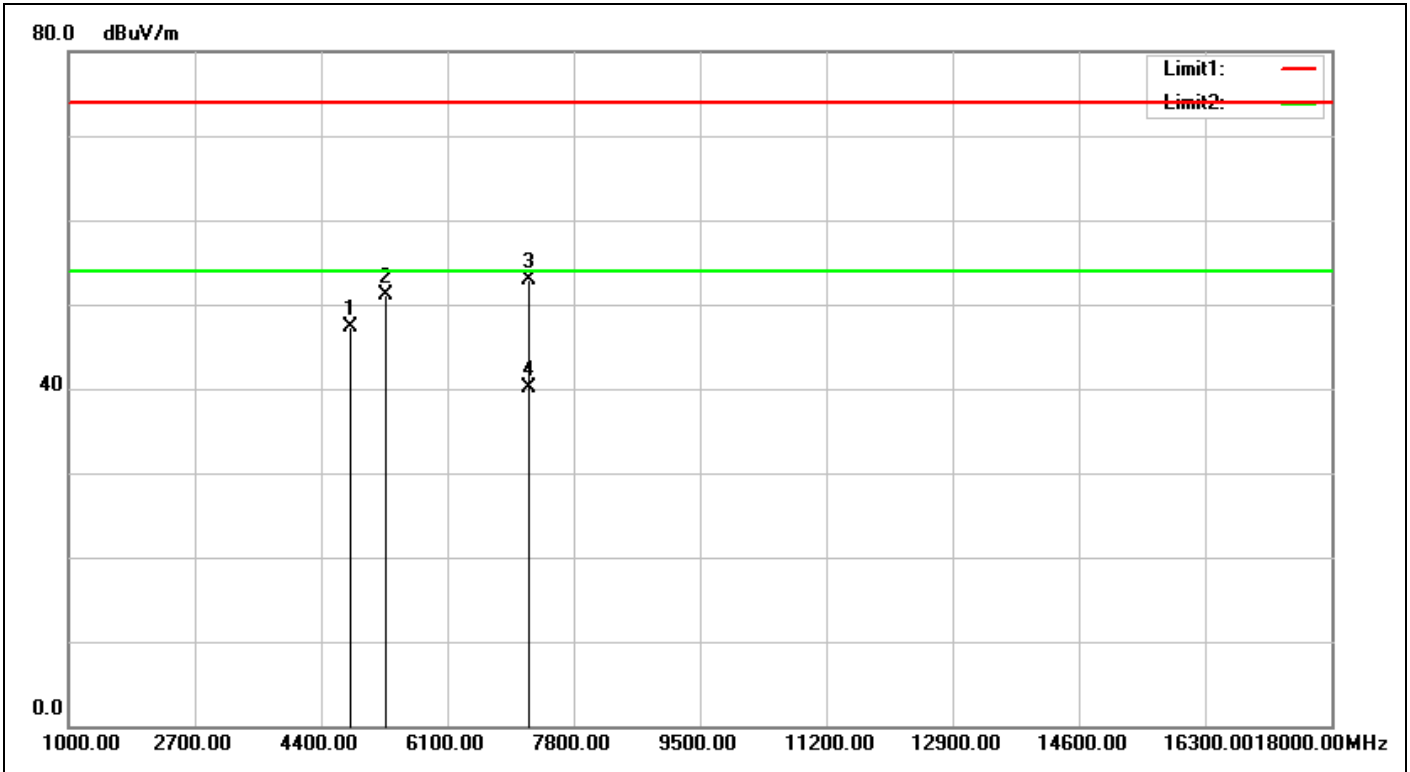


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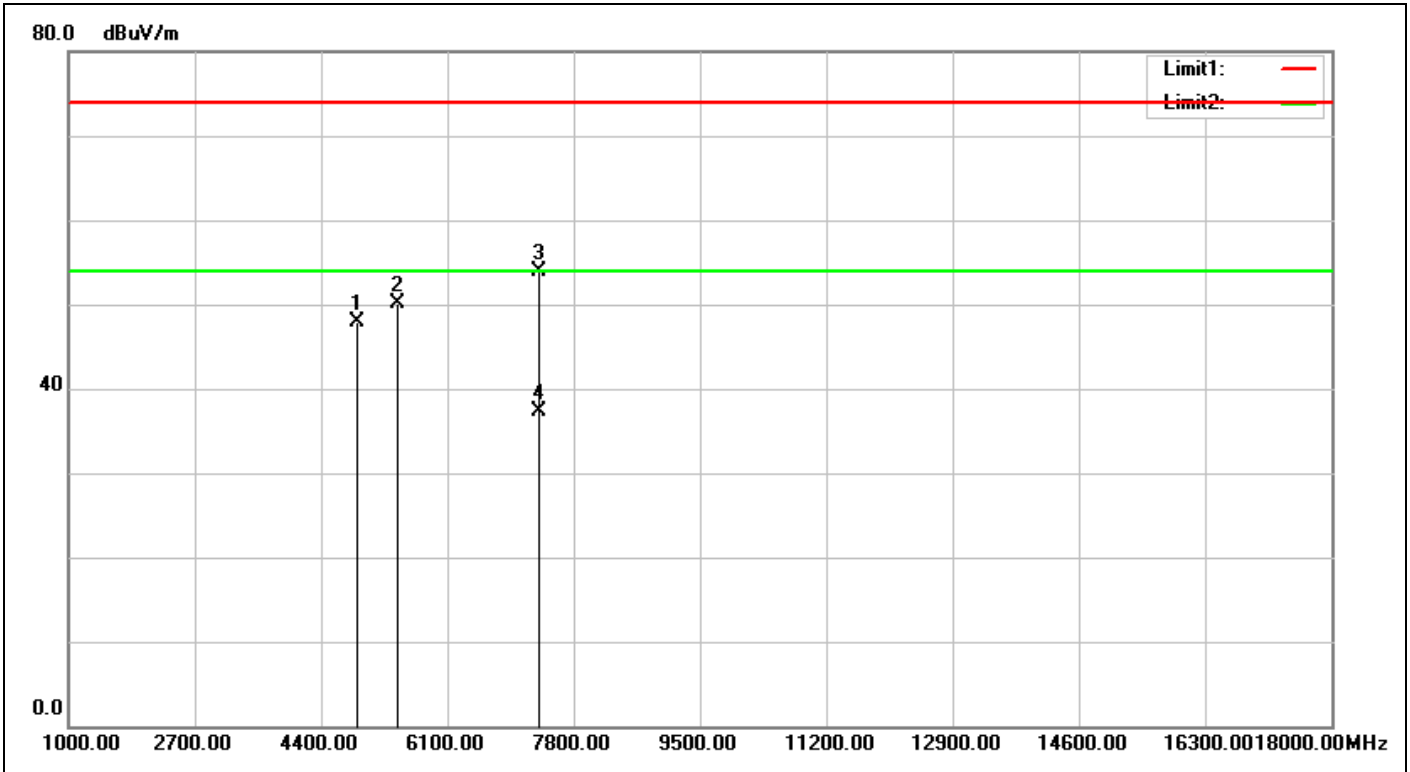
Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:03:58
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	3550.000	-3.41	50.84	47.43	74.00	-26.57	peak	100	133	
2	4804.000	0.43	48.29	48.72	74.00	-25.28	peak		0	
3	7206.000	9.11	44.24	53.35	74.00	-20.65	peak		0	
4	7206.000	9.11	30.46	39.57	54.00	-14.43	AVG		0	



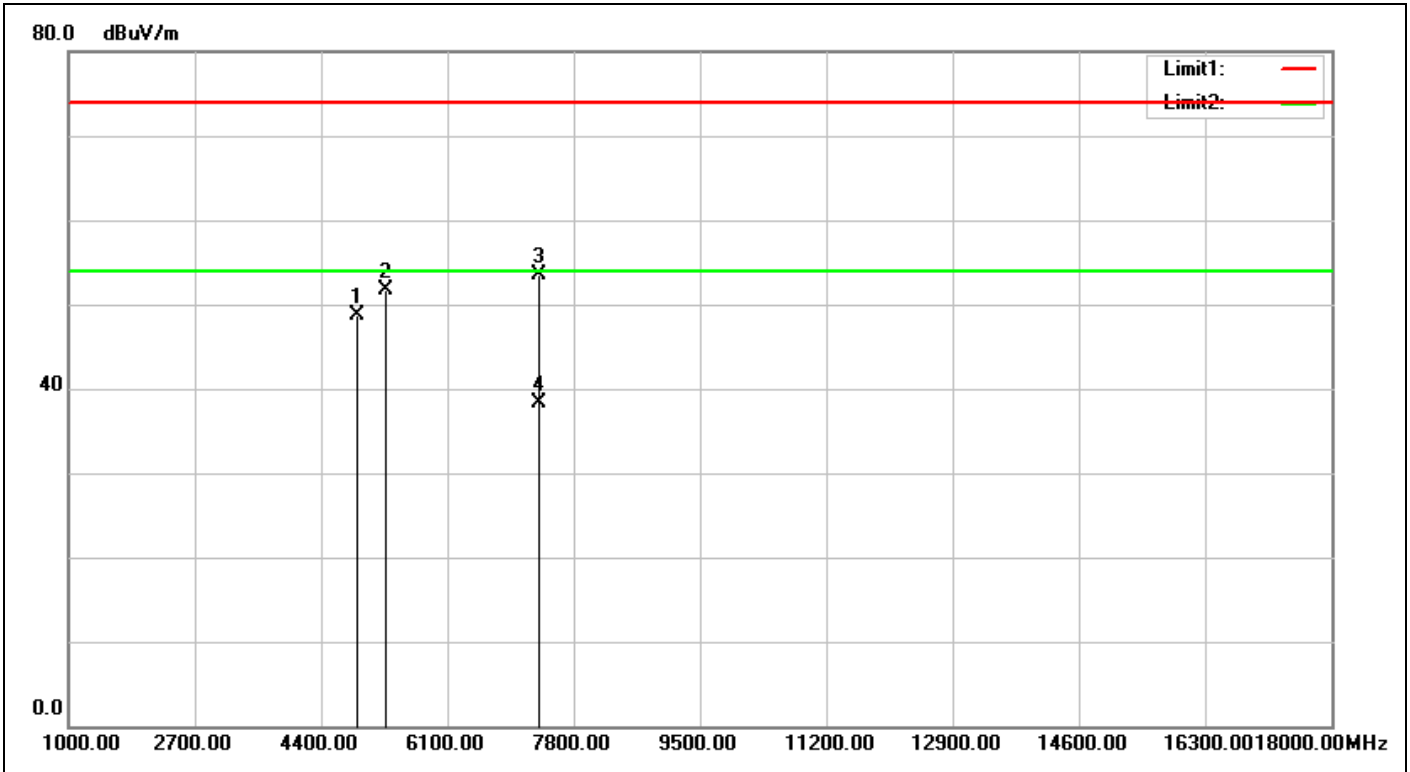
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:05:01
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	0.43	46.90	47.33	74.00	-26.67	peak			
2	5267.000	2.35	48.83	51.18	74.00	-22.82	peak	100	125	
3	7206.000	9.11	43.84	52.95	74.00	-21.05	peak			
4	7206.000	9.11	31.04	40.15	54.00	-13.85	AVG			



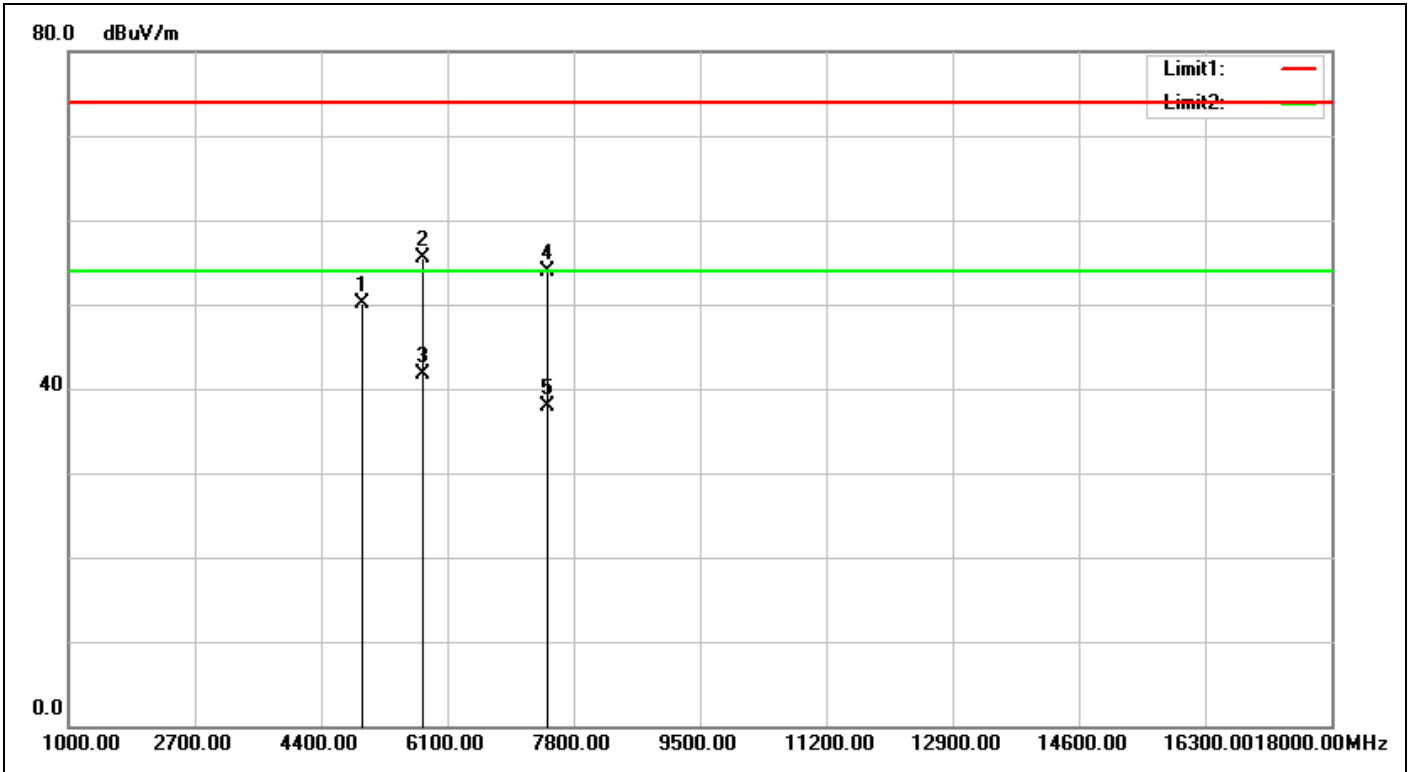
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:12:31
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4884.000	0.68	47.18	47.86	74.00	-26.14	peak			
2	5437.000	3.20	46.94	50.14	74.00	-23.86	peak	100	200	
3	7326.000	9.45	44.53	53.98	74.00	-20.02	peak			
4	7326.000	9.45	27.94	37.39	54.00	-16.61	AVG			



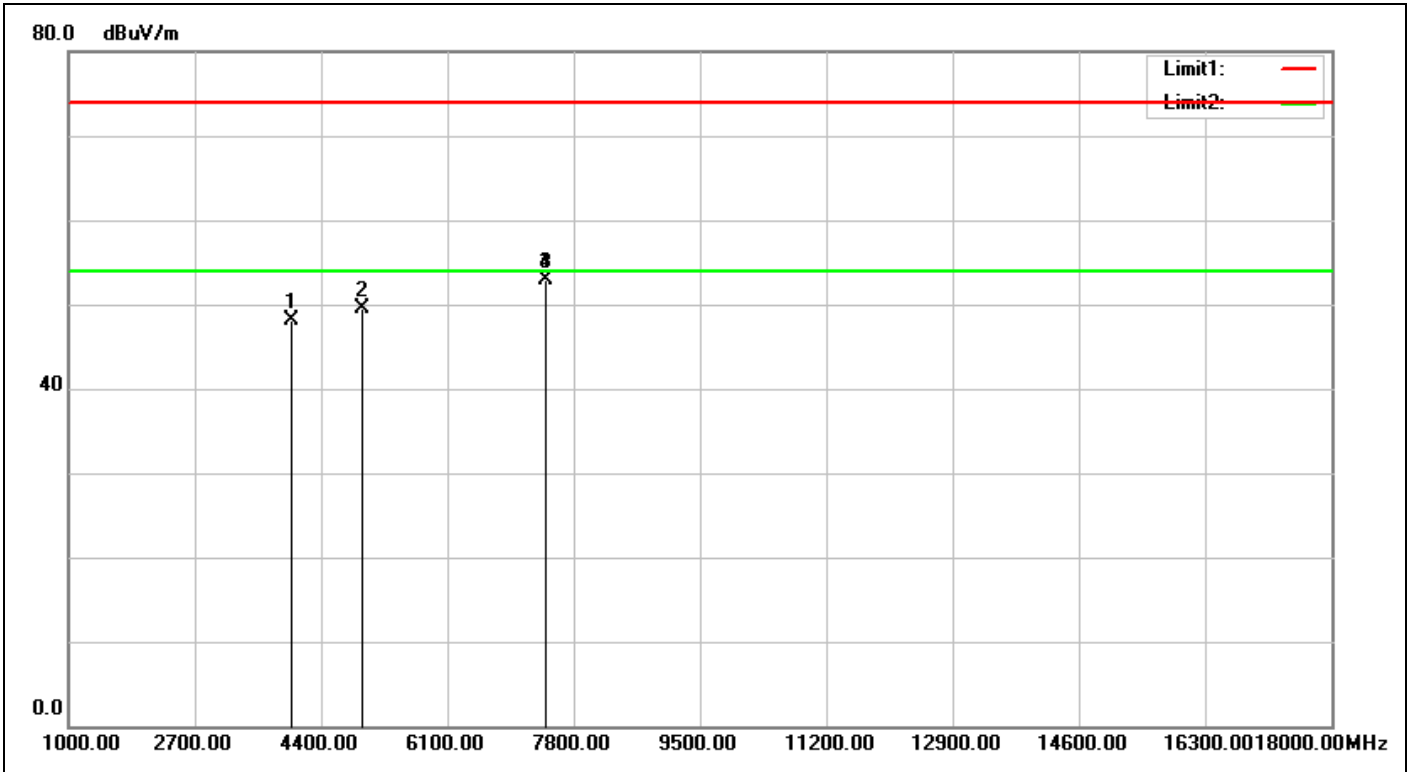
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Test item:	Radiation Emission	Test Time:	2017/8/22 15:13:34
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4884.000	0.68	48.06	48.74	74.00	-25.26	peak			
2	5267.000	2.35	49.27	51.62	74.00	-22.38	peak	100	108	
3	7326.000	9.45	43.99	53.44	74.00	-20.56	peak			
4	7326.000	9.45	28.84	38.29	54.00	-15.71	AVG			



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:15:50
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	0.90	49.22	50.12	74.00	-23.88	peak			
2	5777.000	5.40	50.19	55.59	74.00	-18.41	peak	100	25	
3	5777.000	5.40	36.38	41.78	54.00	-12.22	AVG	100	25	
4	7440.000	9.79	44.15	53.94	74.00	-20.06	peak			
5	7440.000	9.79	28.16	37.95	54.00	-16.05	AVG		0	



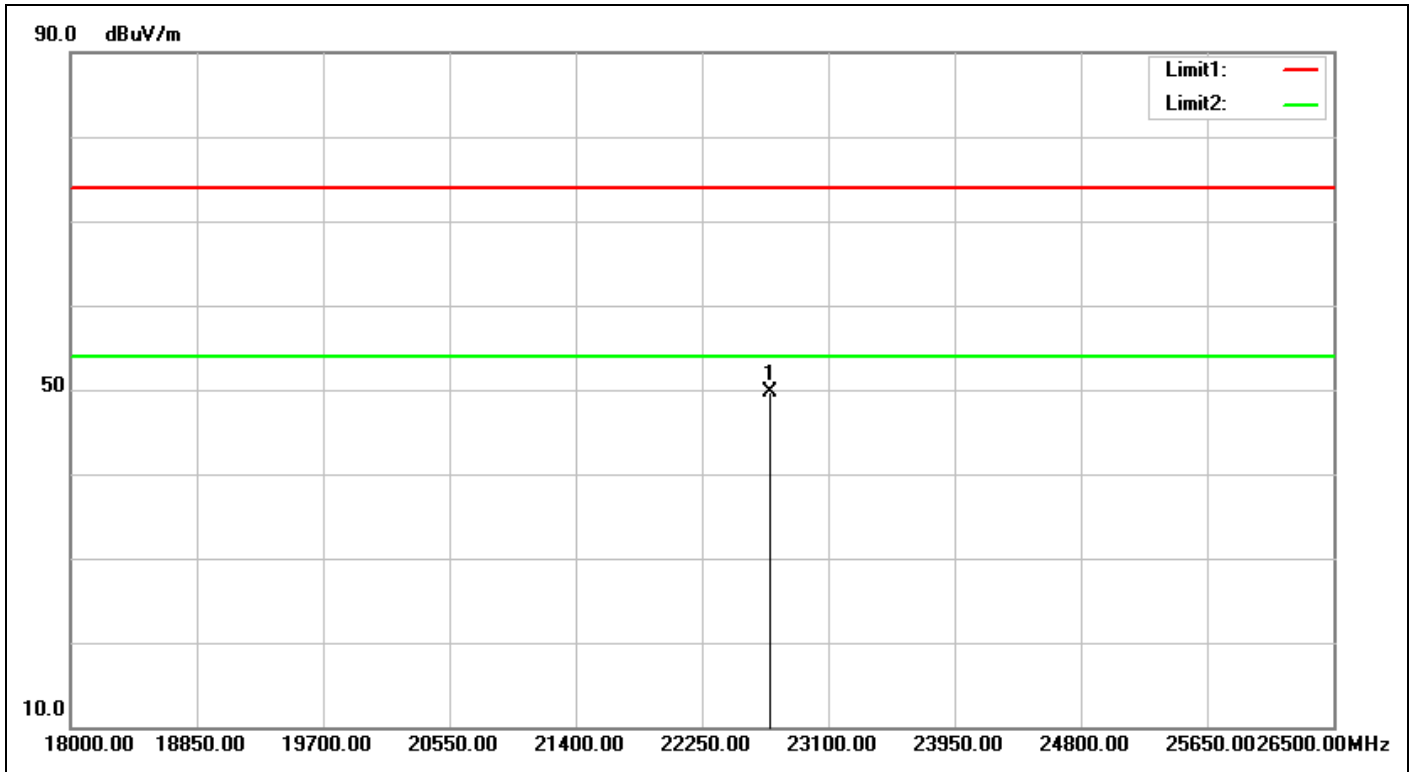
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:16:53
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	3992.000	-2.76	50.80	48.04	74.00	-25.96	peak	100	0	
2	4960.000	0.90	48.51	49.41	74.00	-24.59	peak			
3	7440.000	9.79	43.19	52.98	74.00	-21.02	peak			
4	7440.000	9.79	43.19	52.98	74.00	-21.02	peak			

Spurious Emissions, TX Mode, 18-26G

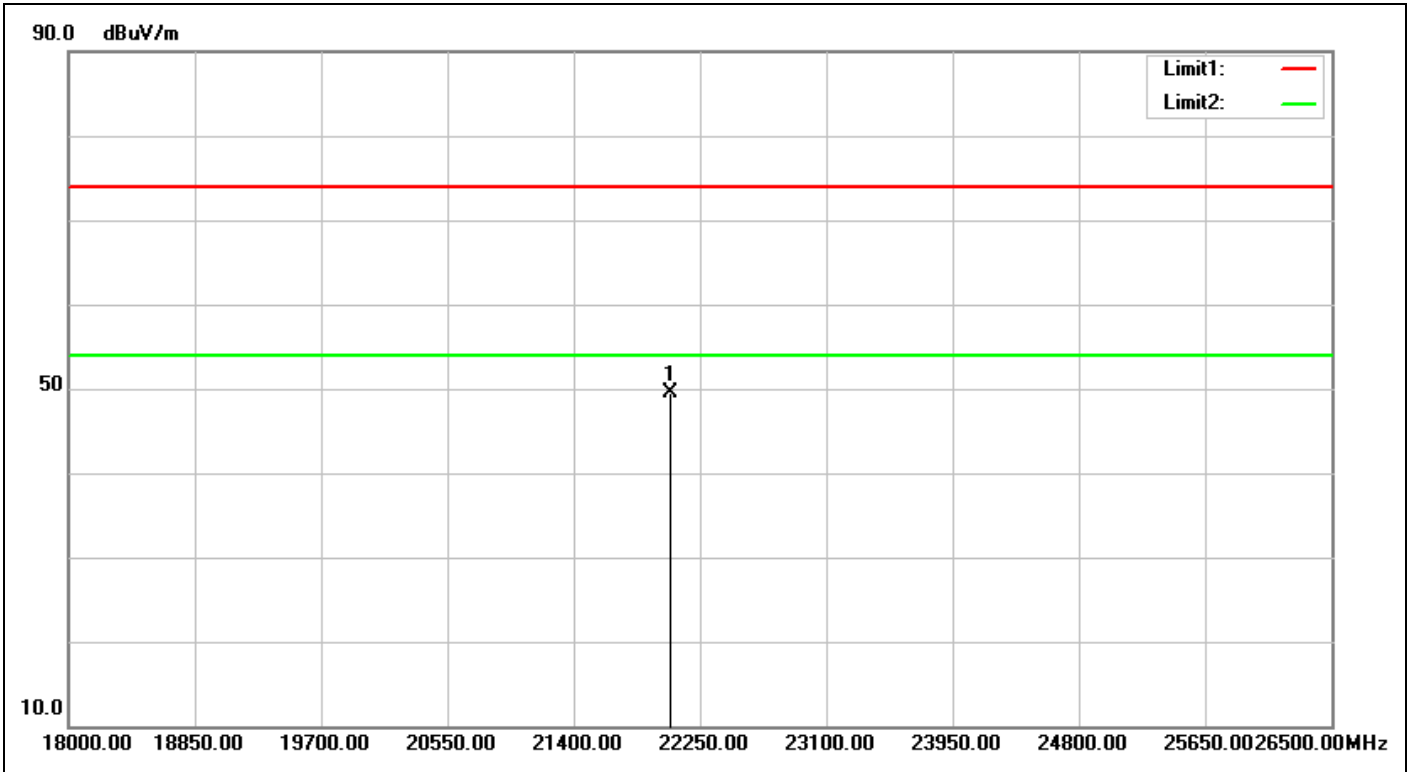


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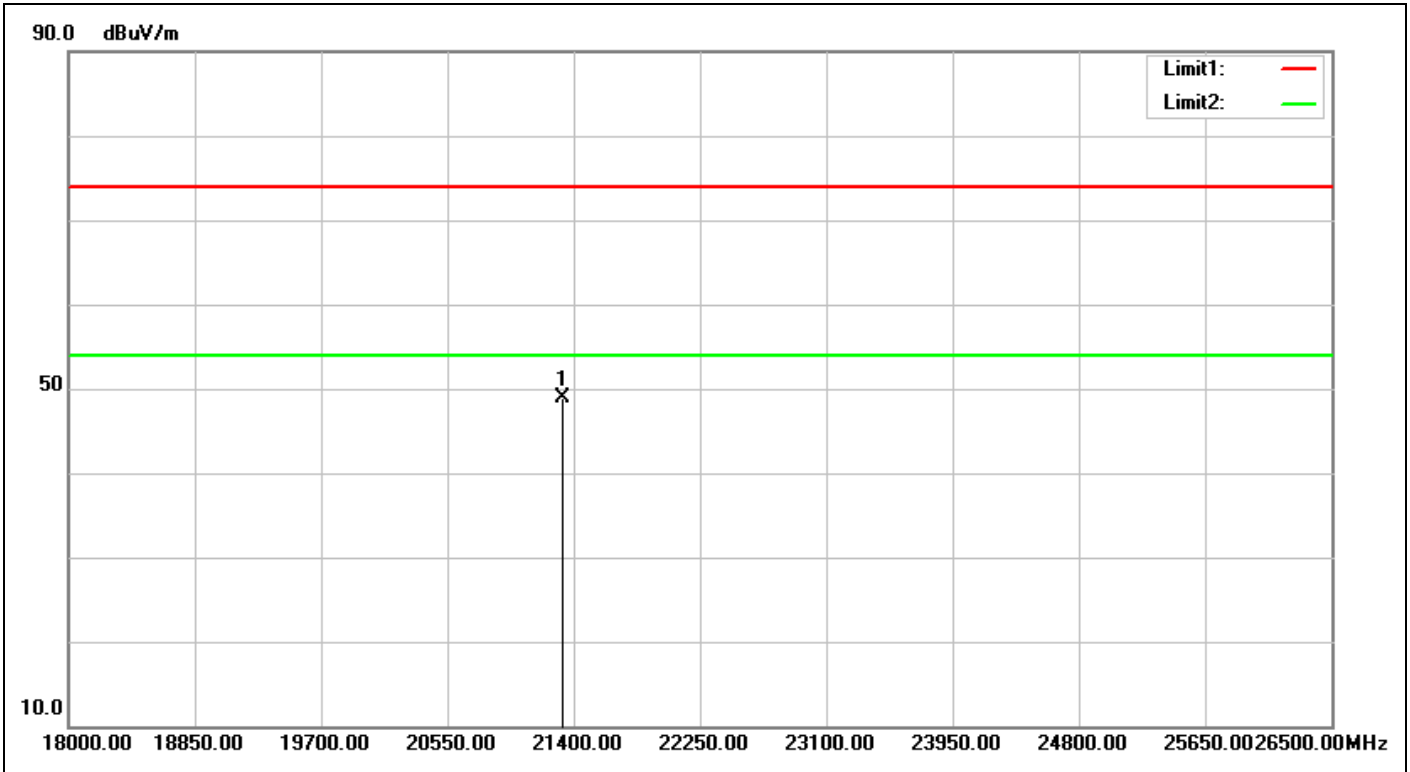
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:48:28
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	22709.000	32.27	17.34	49.61	74.00	-24.39	peak		0	



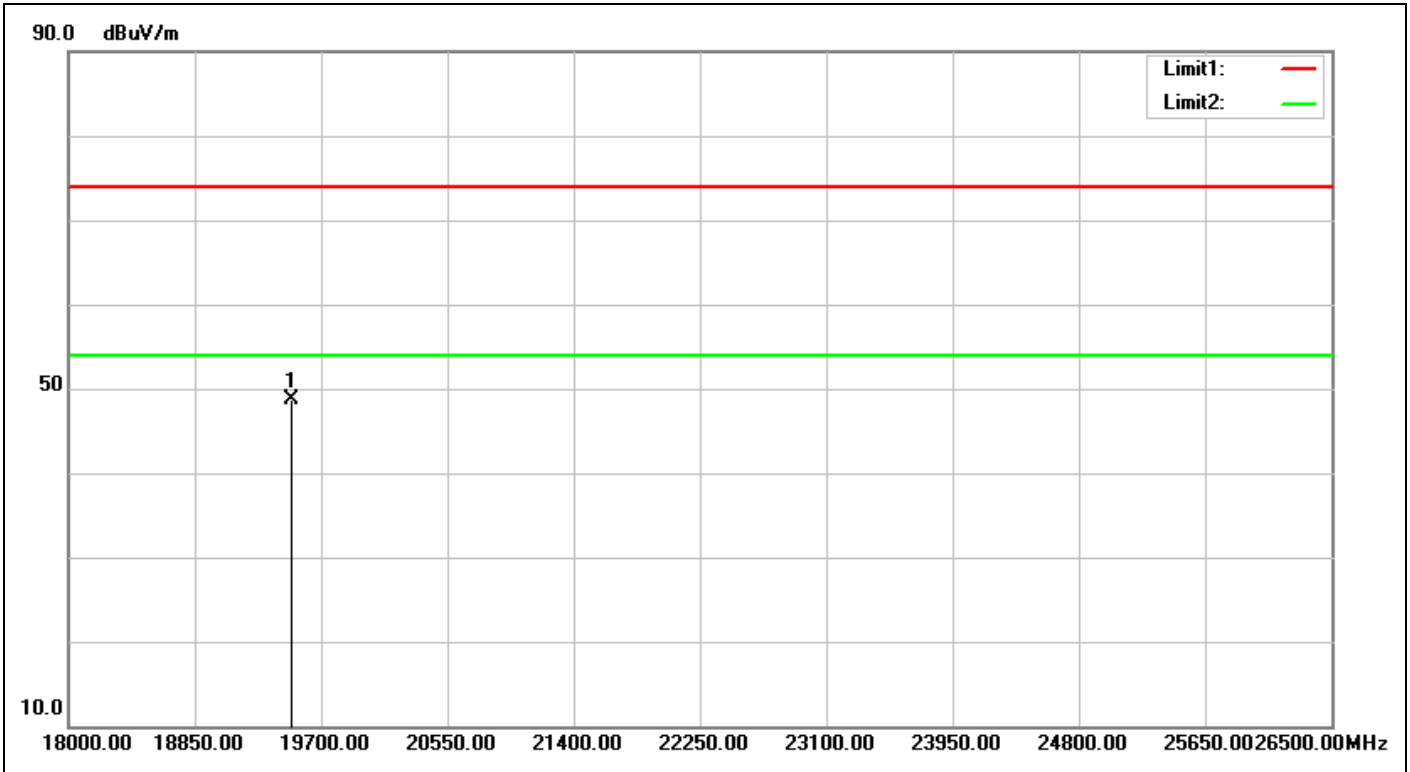
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:48:51
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	22054.500	32.64	16.86	49.50	74.00	-24.50	peak			



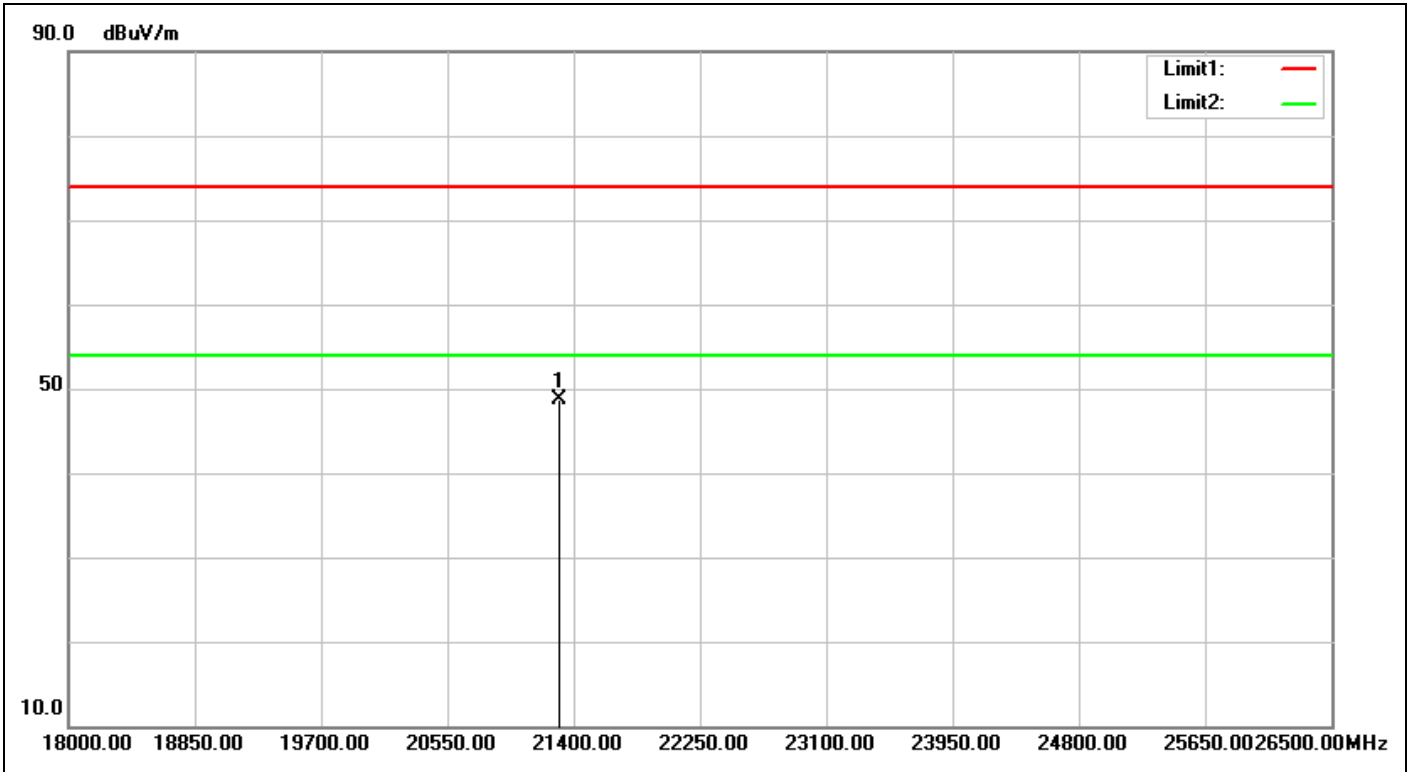
Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:49:10
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21323.500	31.95	16.97	48.92	74.00	-25.08	peak			



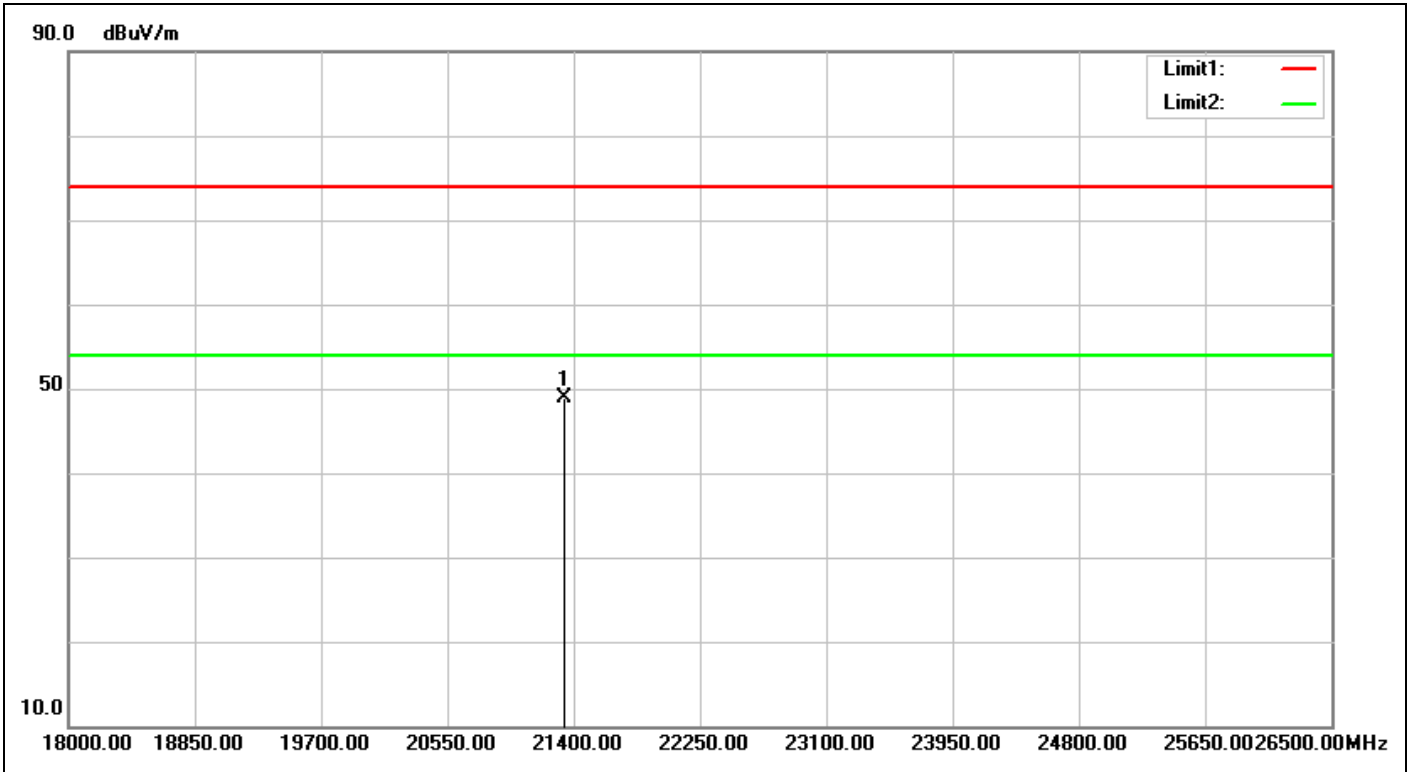
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:49:22
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19496.000	30.21	18.54	48.75	74.00	-25.25	peak			



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:49:42
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	21306.500	31.92	16.87	48.79	74.00	-25.21	peak			



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:50:07
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
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	21340.500	31.97	16.97	48.94	74.00	-25.06	peak			

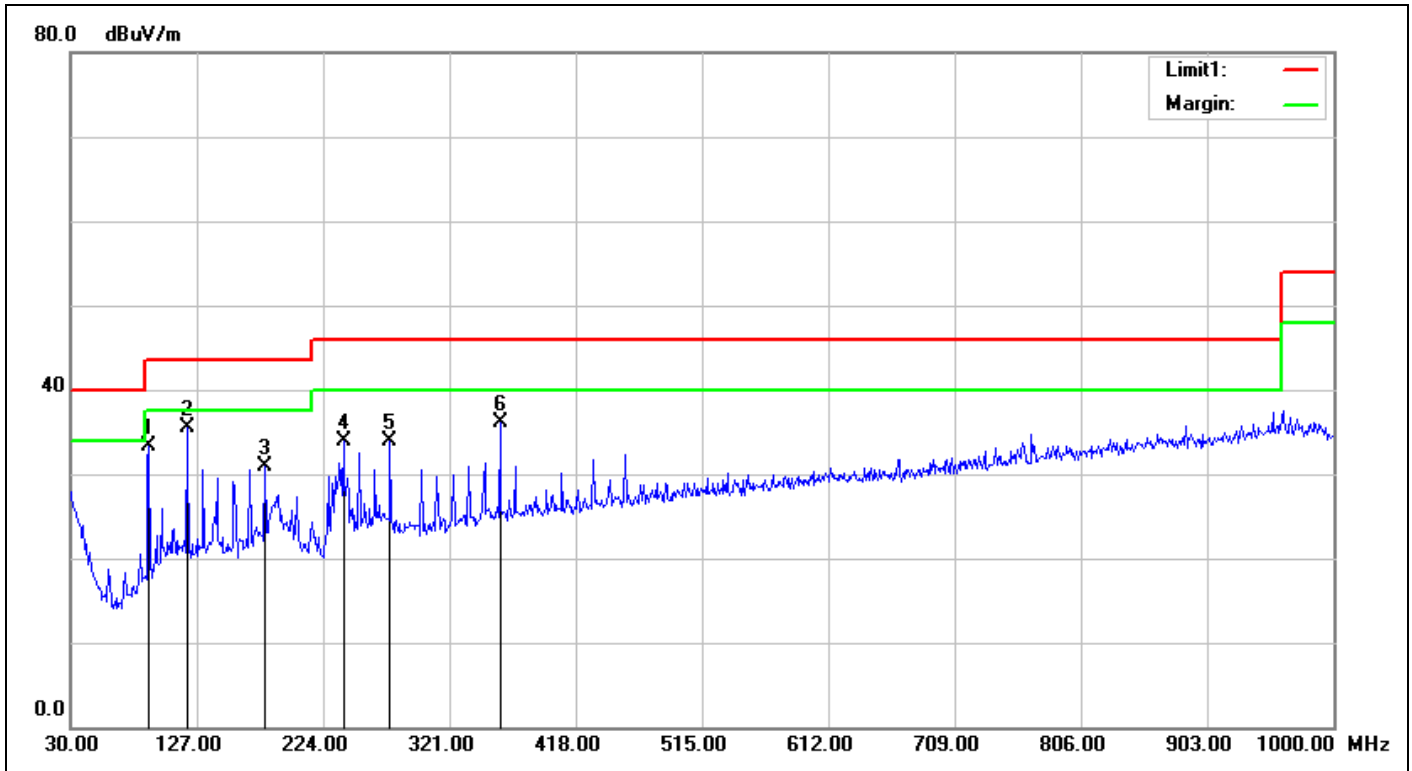
Spurious Emissions, TX Mode, 30M-1G



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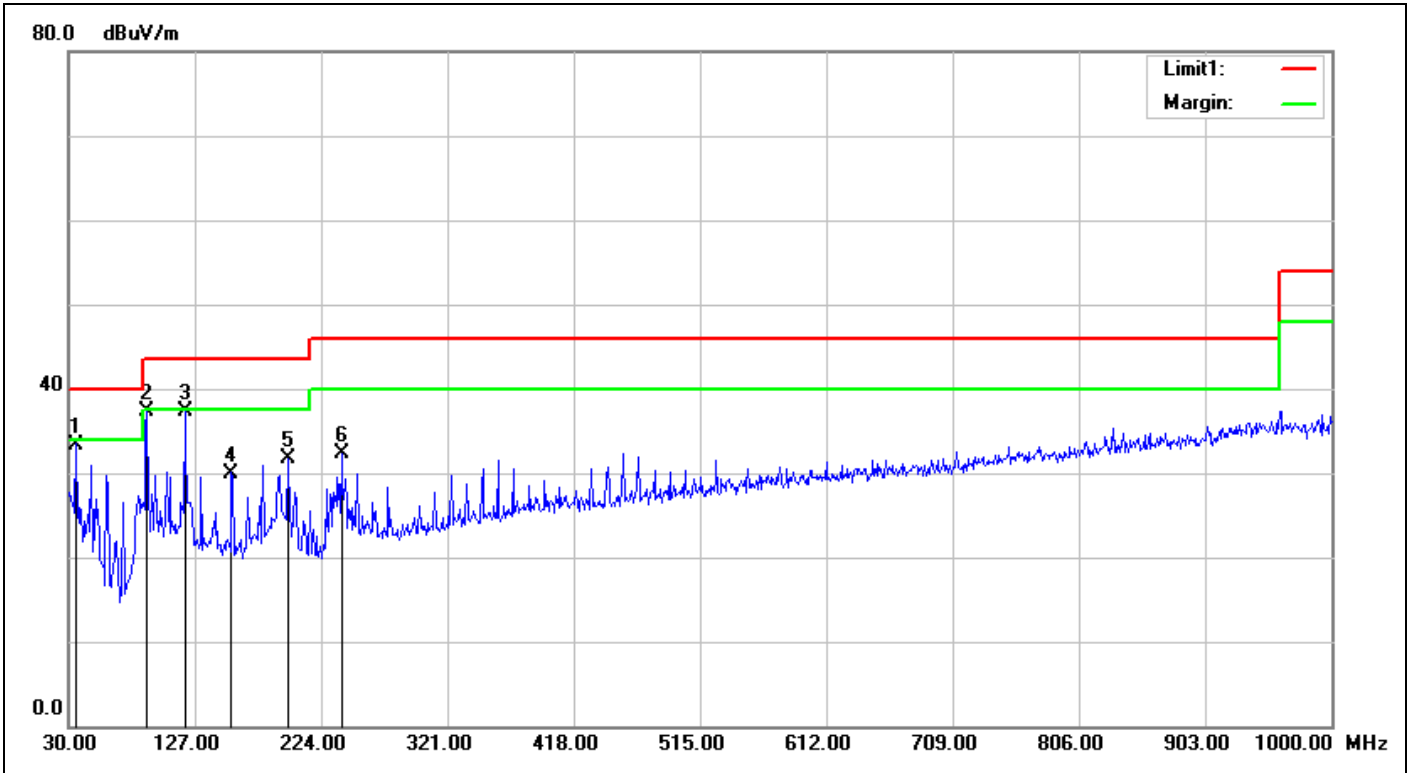
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Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 17:33:42
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	90.1400	-12.09	45.41	33.32	43.50	-10.18	QP	100	112	
2	119.2400	-8.57	44.00	35.43	43.50	-8.07	QP	100	91	
3	179.3800	-10.68	41.57	30.89	43.50	-12.61	QP	100	109	
4	239.5200	-8.00	41.83	33.83	46.00	-12.17	QP	100	88	
5	275.4100	-6.44	40.35	33.91	46.00	-12.09	QP	100	121	
6	359.8000	-4.28	40.40	36.12	46.00	-9.88	QP	100	63	



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 17:34:45
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35.8200	-4.34	37.74	33.40	40.00	-6.60	QP	100	220	
2	90.1400	-12.09	49.48	37.39	43.50	-6.11	QP	100	117	
3	119.2400	-8.57	45.84	37.27	43.50	-6.23	QP	100	64	
4	155.1300	-8.74	38.74	30.00	43.50	-13.50	QP	100	111	
5	198.7800	-10.05	41.83	31.78	43.50	-11.72	QP	100	280	
6	239.5200	-8.00	40.24	32.24	46.00	-13.76	QP	100	127	

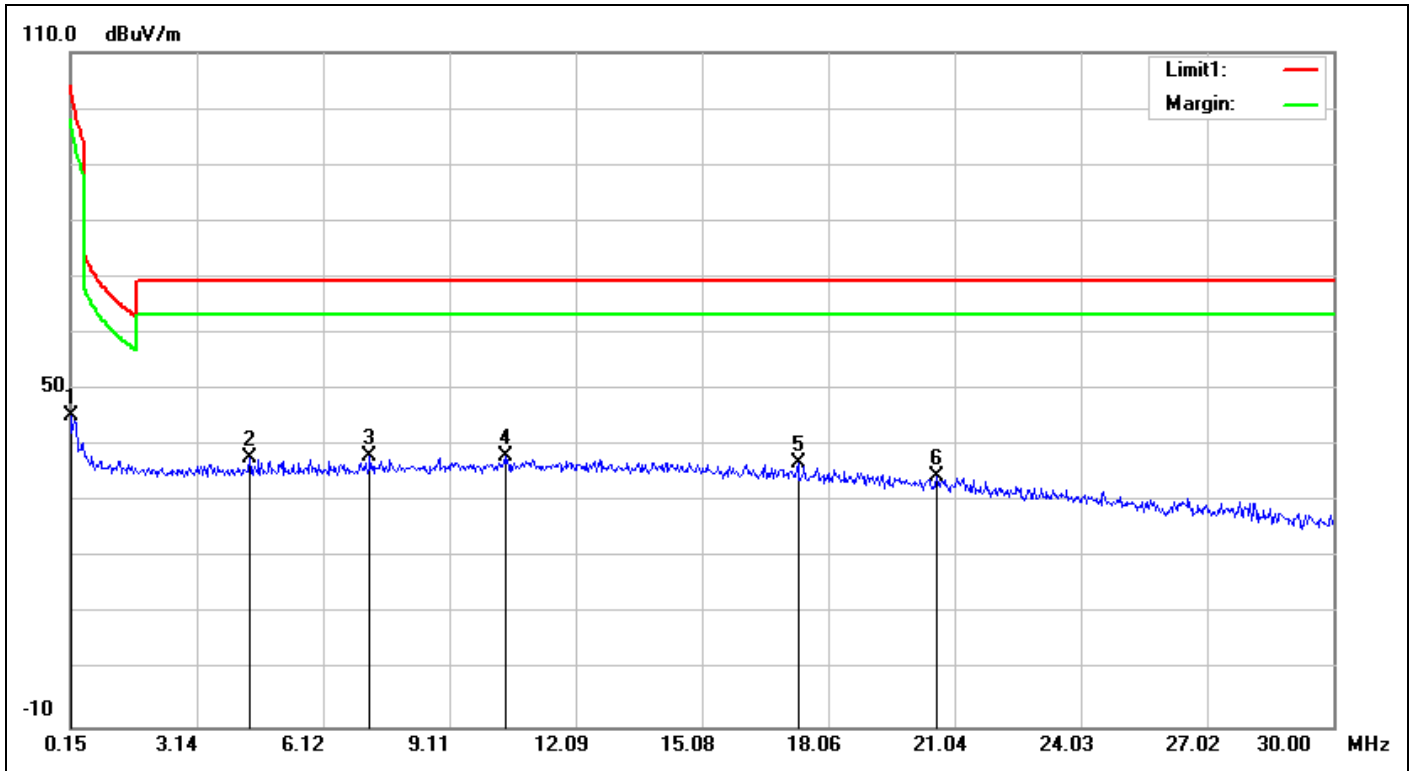
Spurious Emissions, TX Mode, 150K-30M



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Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/22 16:18:54
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-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	26.32	45.40	104.08	-58.68	QP	100	23	
2	4.3887	19.38	18.51	37.89	69.50	-31.61	QP	100	142	
3	7.2245	19.97	18.04	38.01	69.50	-31.49	QP	100	186	
4	10.4184	20.29	17.98	38.27	69.50	-31.23	QP	100	243	
5	17.3436	21.52	15.39	36.91	69.50	-32.59	QP	100	168	
6	20.6271	22.03	12.64	34.67	69.50	-34.83	QP	100	90	

Spurious Emissions, TX Mode, 30M-1G

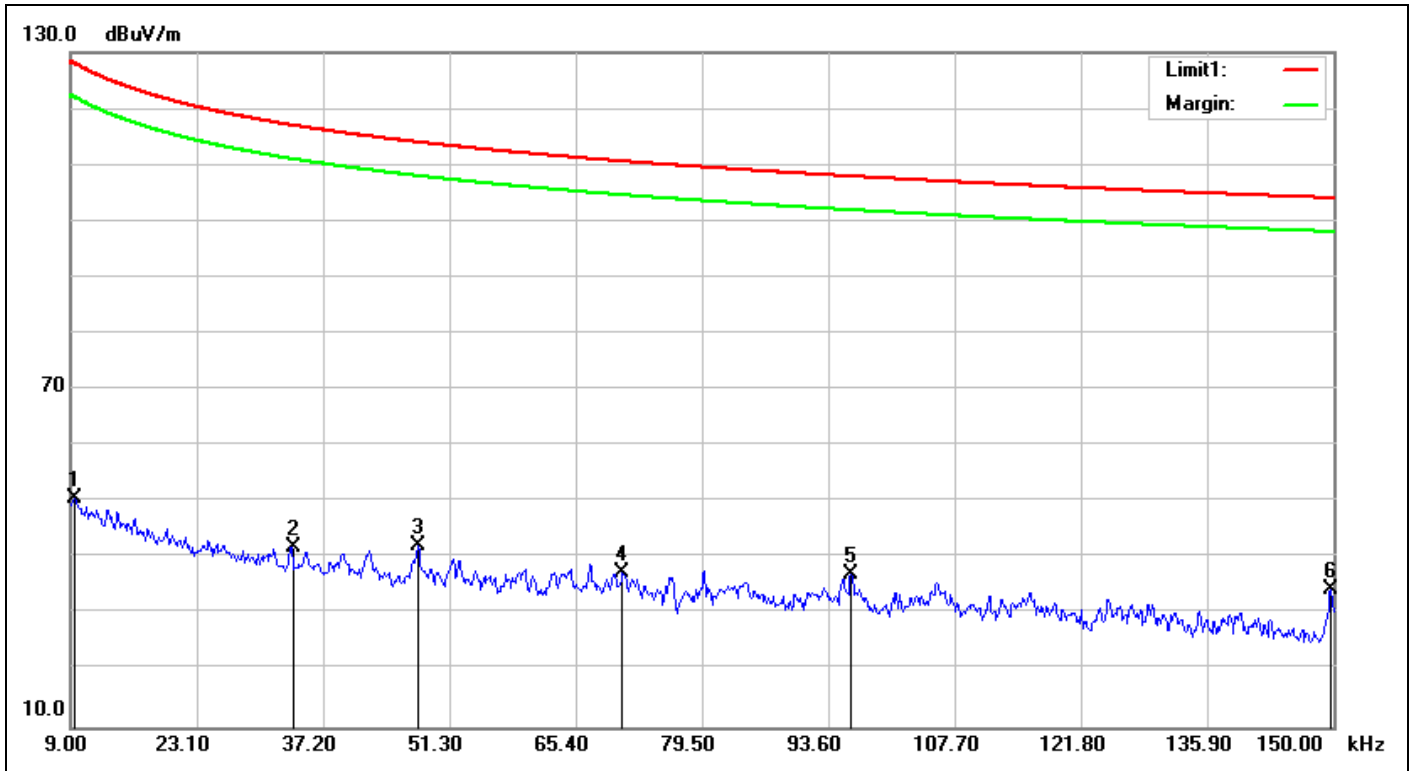
Spurious Emissions, TX Mode, 9K-150K



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Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/22 16:13:47
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0094	19.69	30.83	50.52	128.12	-77.60	QP	100	36	
2	0.0337	20.00	21.84	41.84	117.04	-75.20	QP	100	102	
3	0.0478	19.51	22.77	42.28	114.00	-71.72	QP	100	221	
4	0.0706	19.31	18.12	37.43	110.62	-73.19	QP	100	255	
5	0.0961	19.15	18.05	37.20	107.94	-70.74	QP	100	39	
6	0.1497	19.08	15.32	34.40	104.09	-69.69	QP	100	109	

Spurious Emissions, TX Mode, 30M-1G

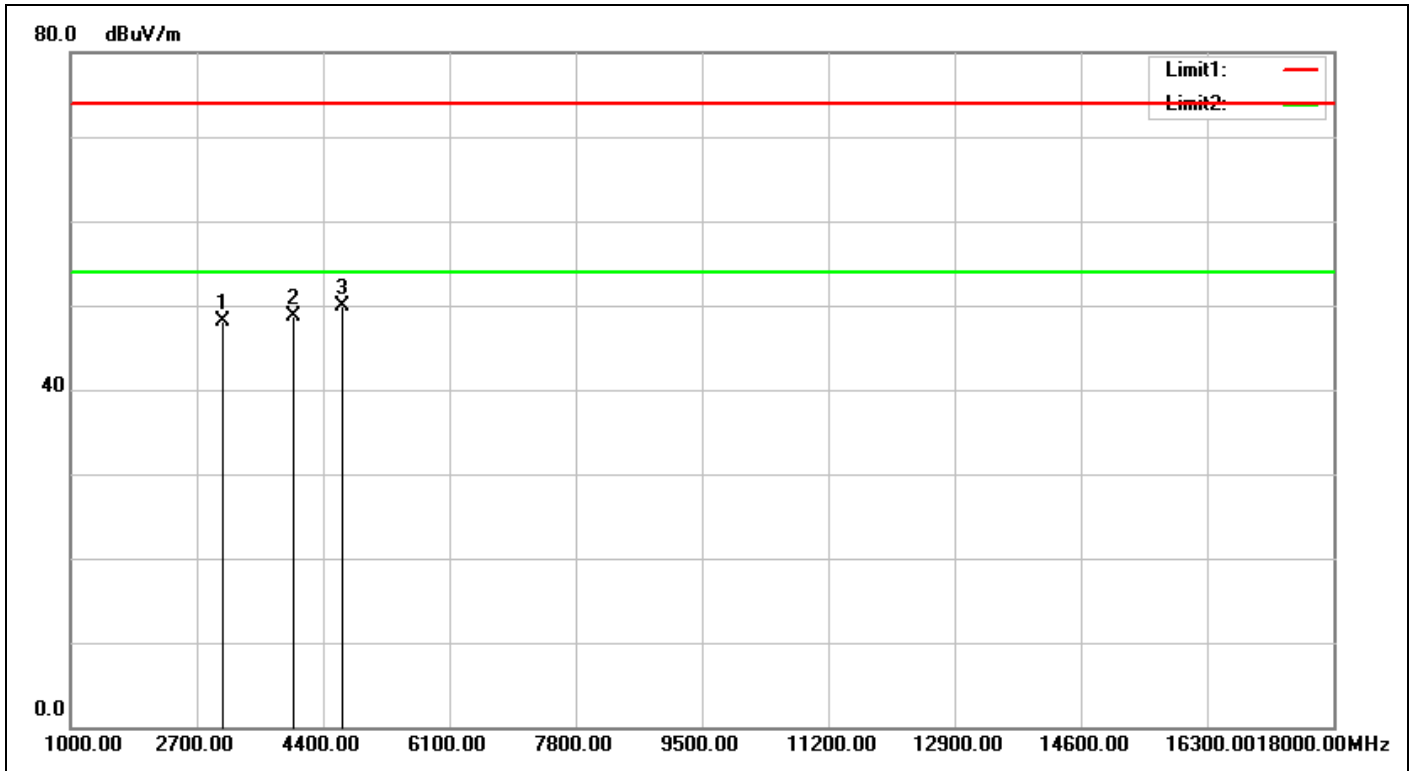
Spurious Emissions, RX Mode, 1-18G



TUV Rheinland Taiwan Ltd.

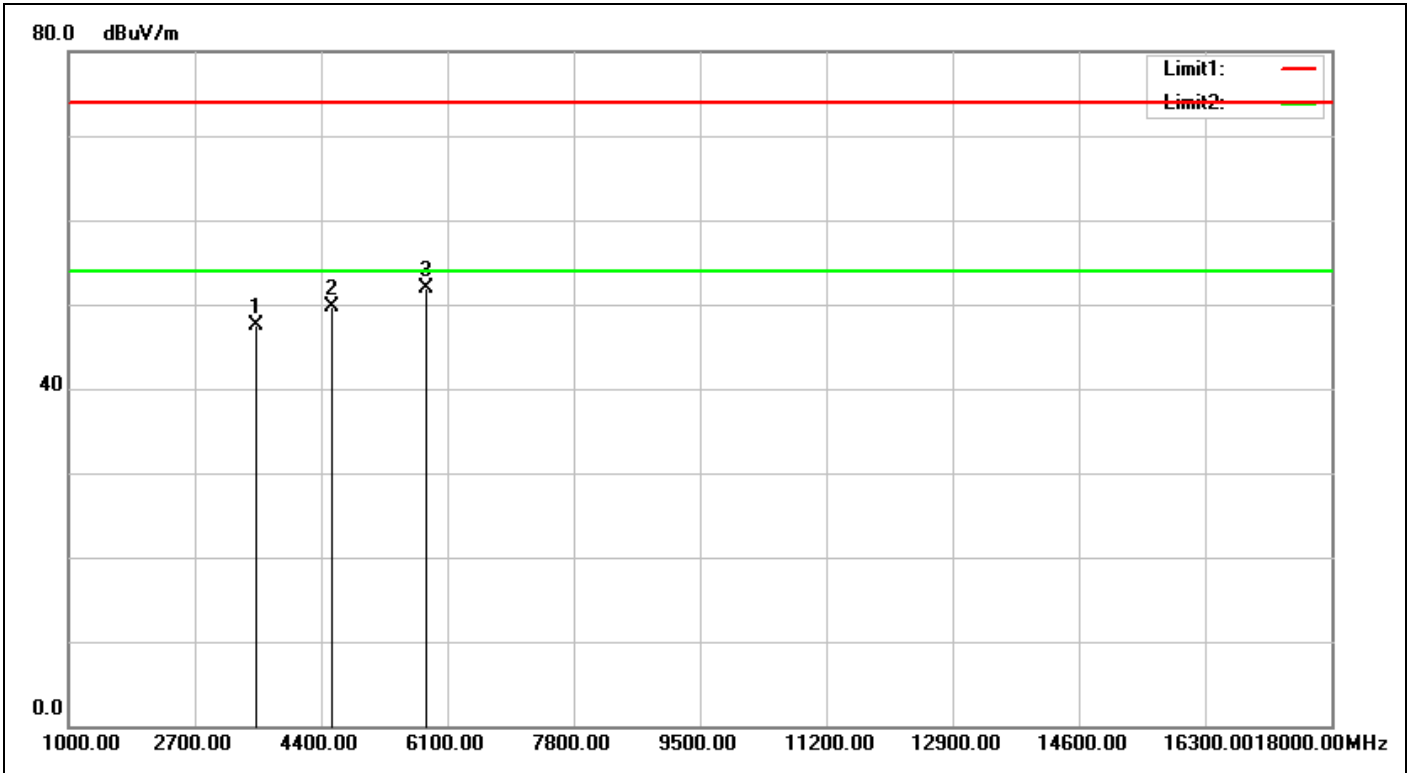
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:18:53
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3057.000	-3.98	52.03	48.05	74.00	-25.95	peak	100	196	
2	3992.000	-2.76	51.43	48.67	74.00	-25.33	peak	100	243	
3	4655.000	-0.01	49.83	49.82	74.00	-24.18	peak	100	2	



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:19:56
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3533.000	-3.44	51.02	47.58	74.00	-26.42	peak	100	348	
2	4553.000	-0.32	50.12	49.80	74.00	-24.20	peak	100	0	
3	5811.000	5.64	46.33	51.97	74.00	-22.03	peak	100	213	

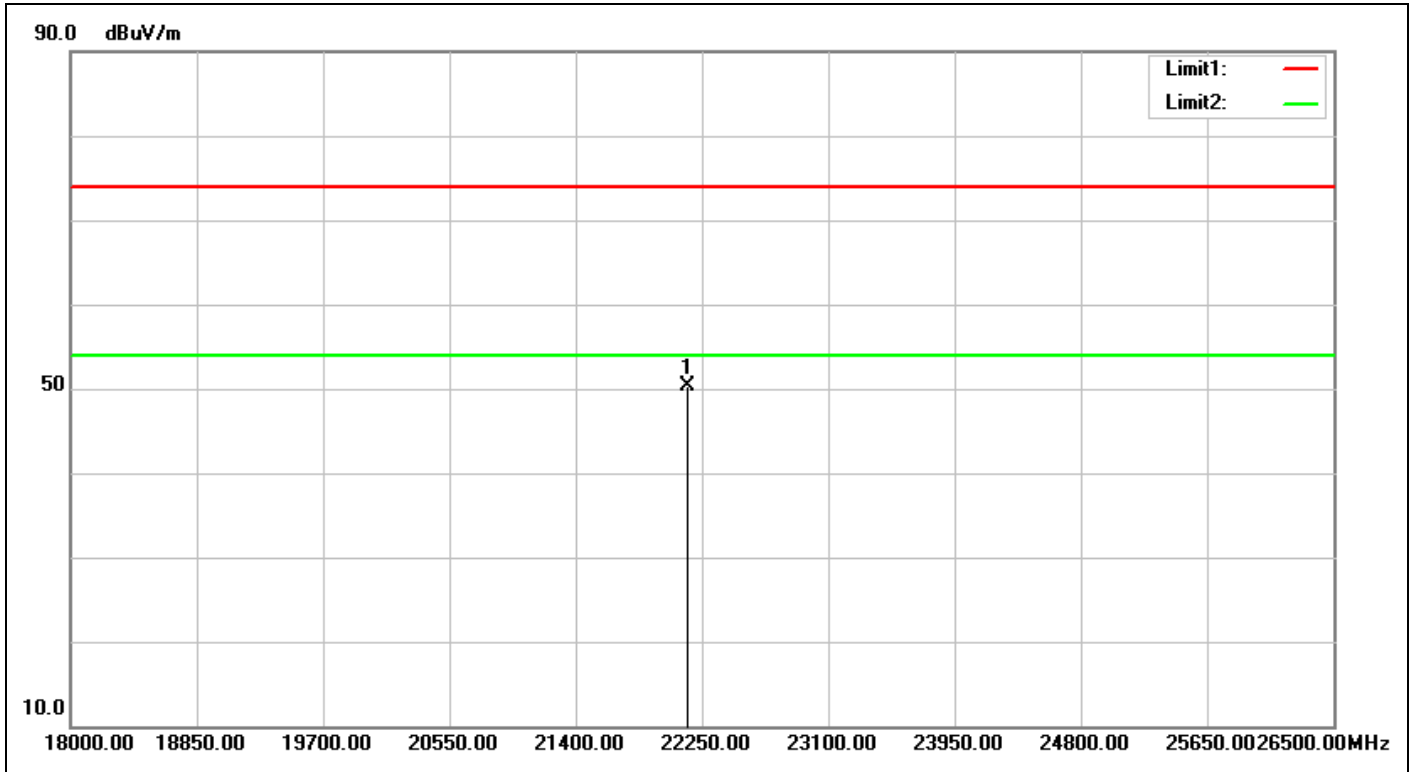
Spurious Emissions, RX Mode, 18-26G



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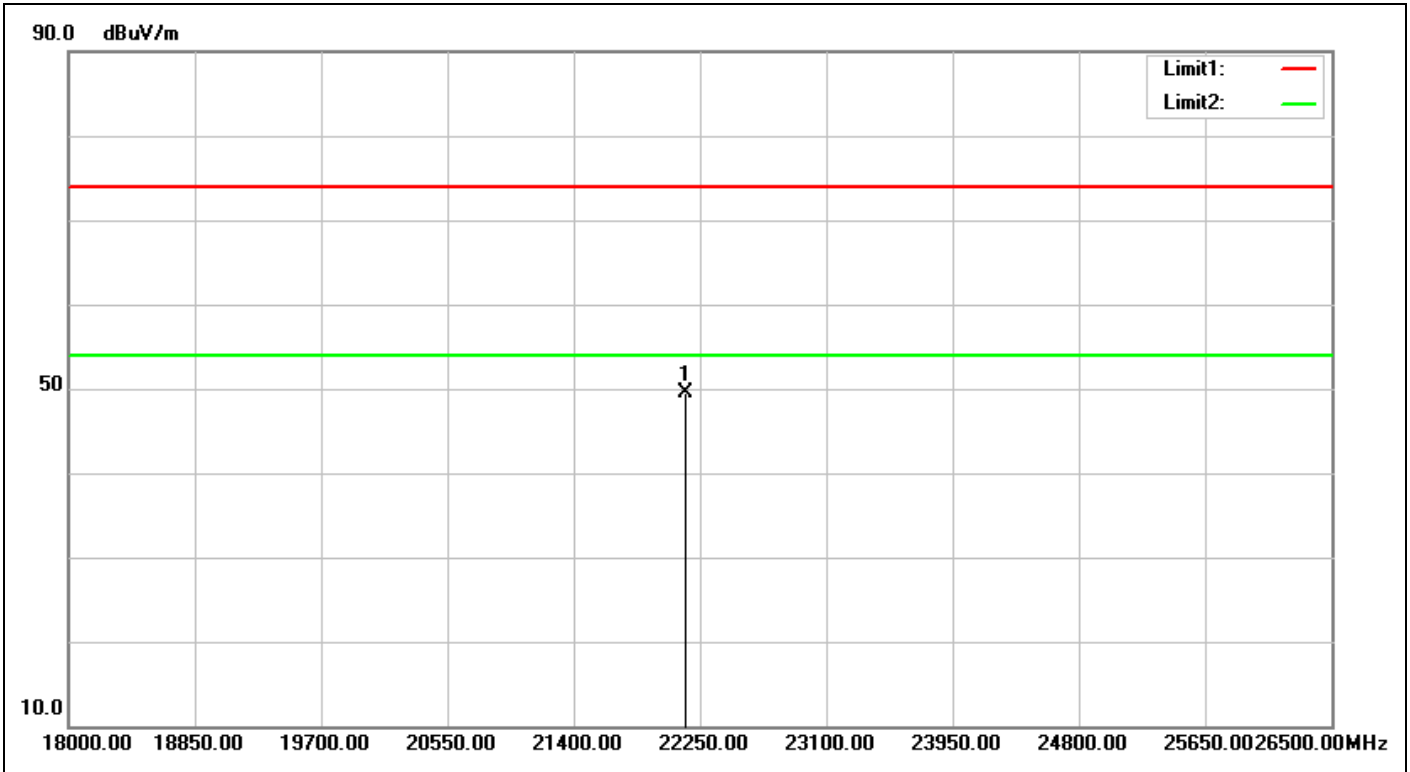
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 15:47:05
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22148.000	32.59	17.70	50.29	74.00	-23.71	peak	100	301	



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 15:47:17
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22156.500	32.58	16.99	49.57	74.00	-24.43	peak	100	284	

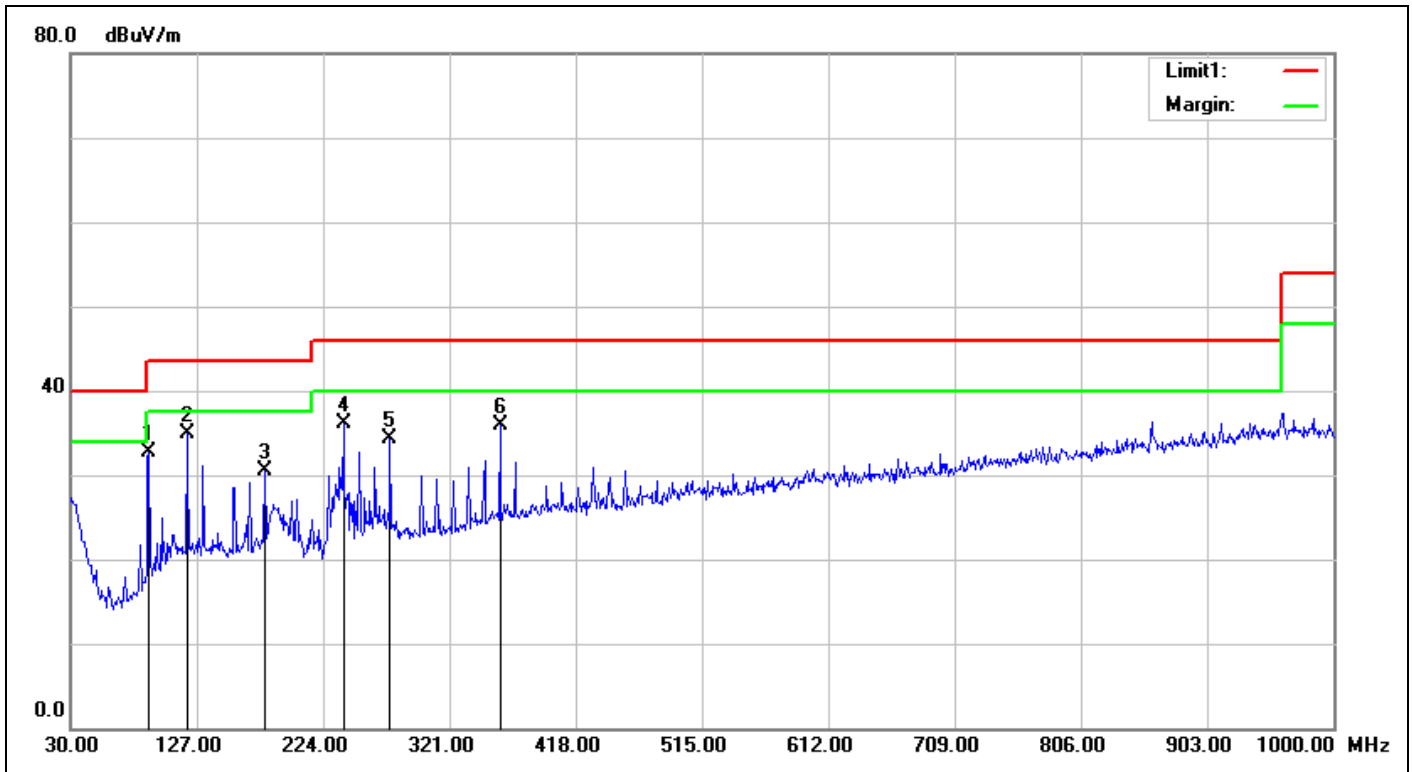
Spurious Emissions, RX Mode, 30M-1G



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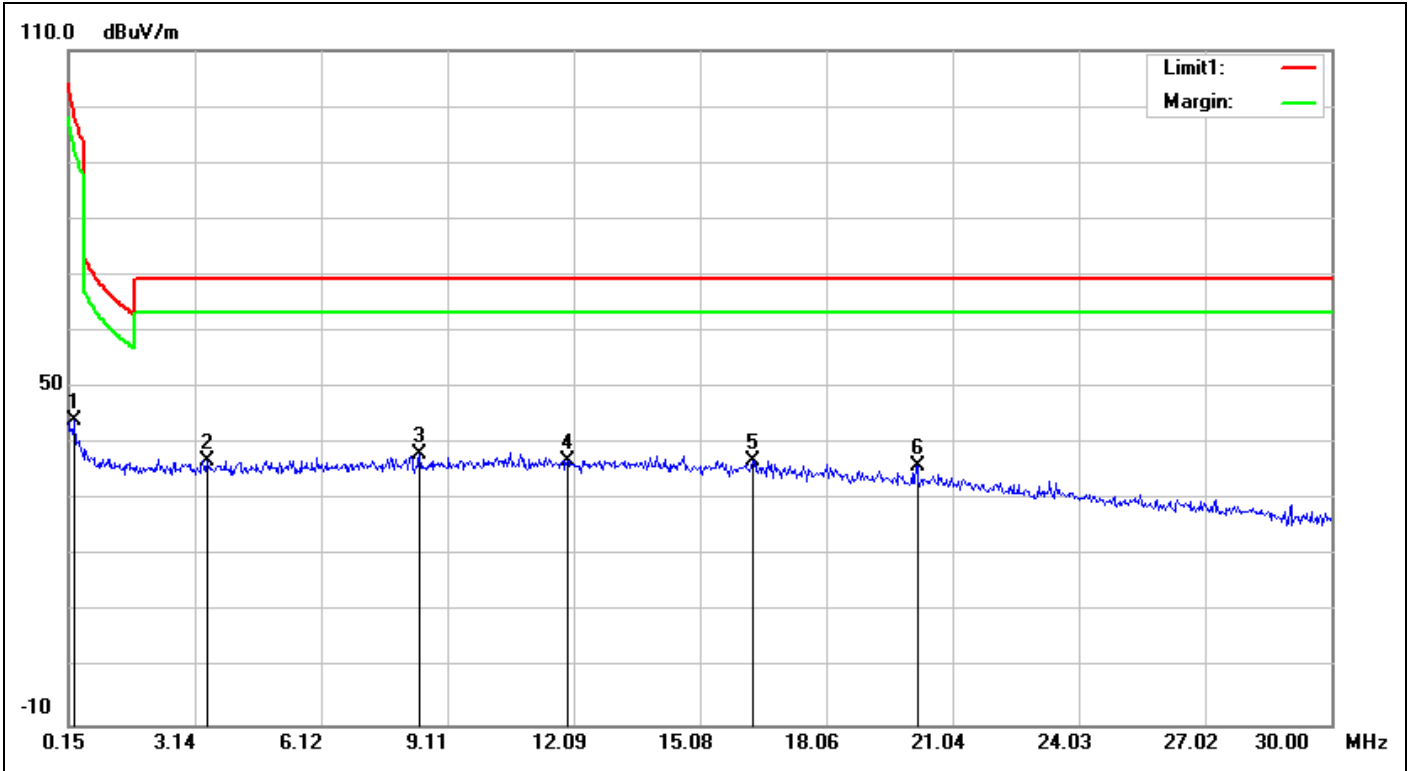


Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/8/22 17:36:32
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	90.1400	-12.09	44.86	32.77	43.50	-10.73	QP	100	139	
2	119.2400	-8.57	43.49	34.92	43.50	-8.58	QP	100	99	
3	179.3800	-10.68	41.25	30.57	43.50	-12.93	QP	100	129	
4	239.5200	-8.00	44.02	36.02	46.00	-9.98	QP	100	52	
5	275.4100	-6.44	40.70	34.26	46.00	-11.74	QP	100	121	
6	359.8000	-4.28	40.19	35.91	46.00	-10.09	QP	100	66	

Spurious Emissions, RX Mode, 150K-30M

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 16:22:04
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.2993	18.94	25.22	44.16	98.08	-53.92	QP	100	251	
2	3.4335	18.79	18.28	37.07	69.50	-32.43	QP	100	54	
3	8.4483	20.08	17.96	38.04	69.50	-31.46	QP	100	195	
4	11.9408	20.56	16.42	36.98	69.50	-32.52	QP	100	124	
5	16.3287	21.34	15.67	37.01	69.50	-32.49	QP	100	95	
6	20.2092	22.00	14.12	36.12	69.50	-33.38	QP	100	23	

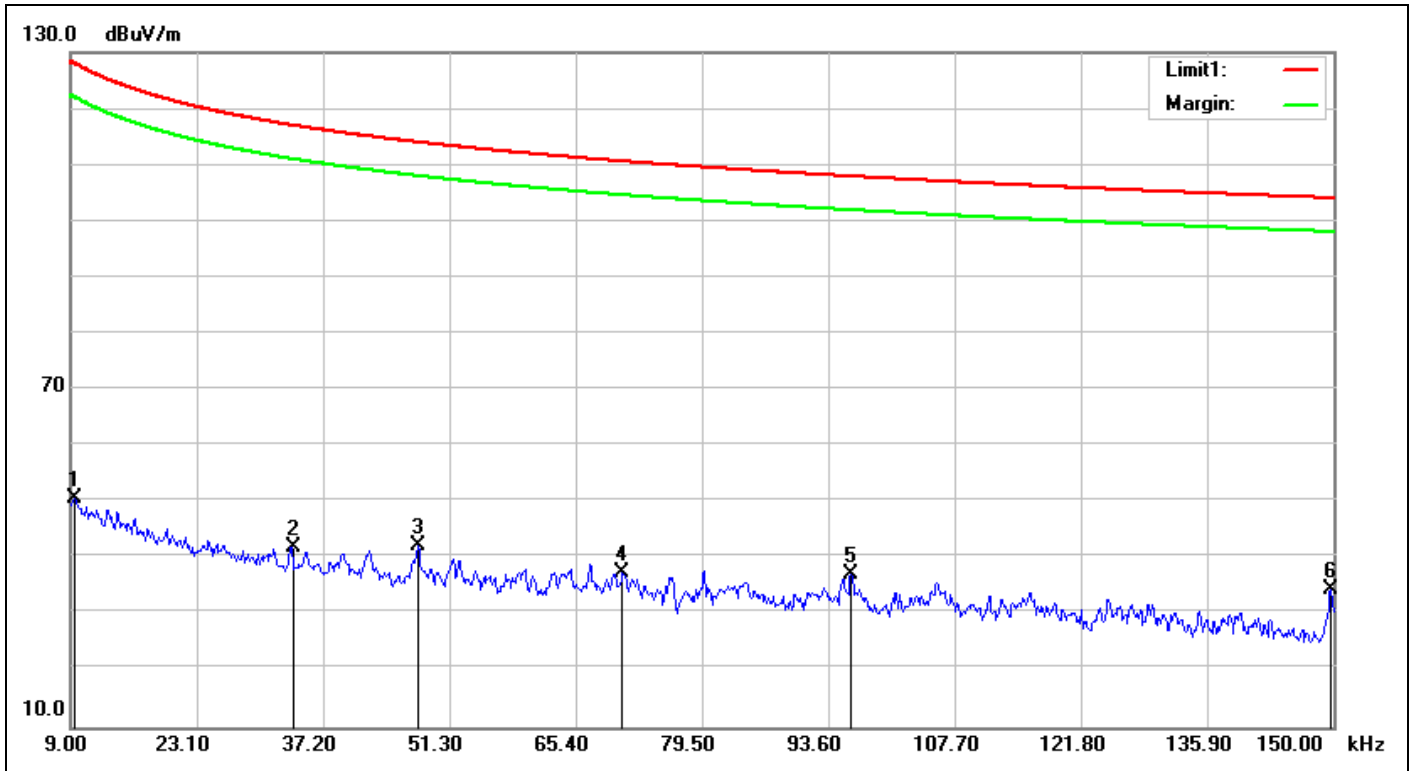
Spurious Emissions, RX Mode, 9K-150K



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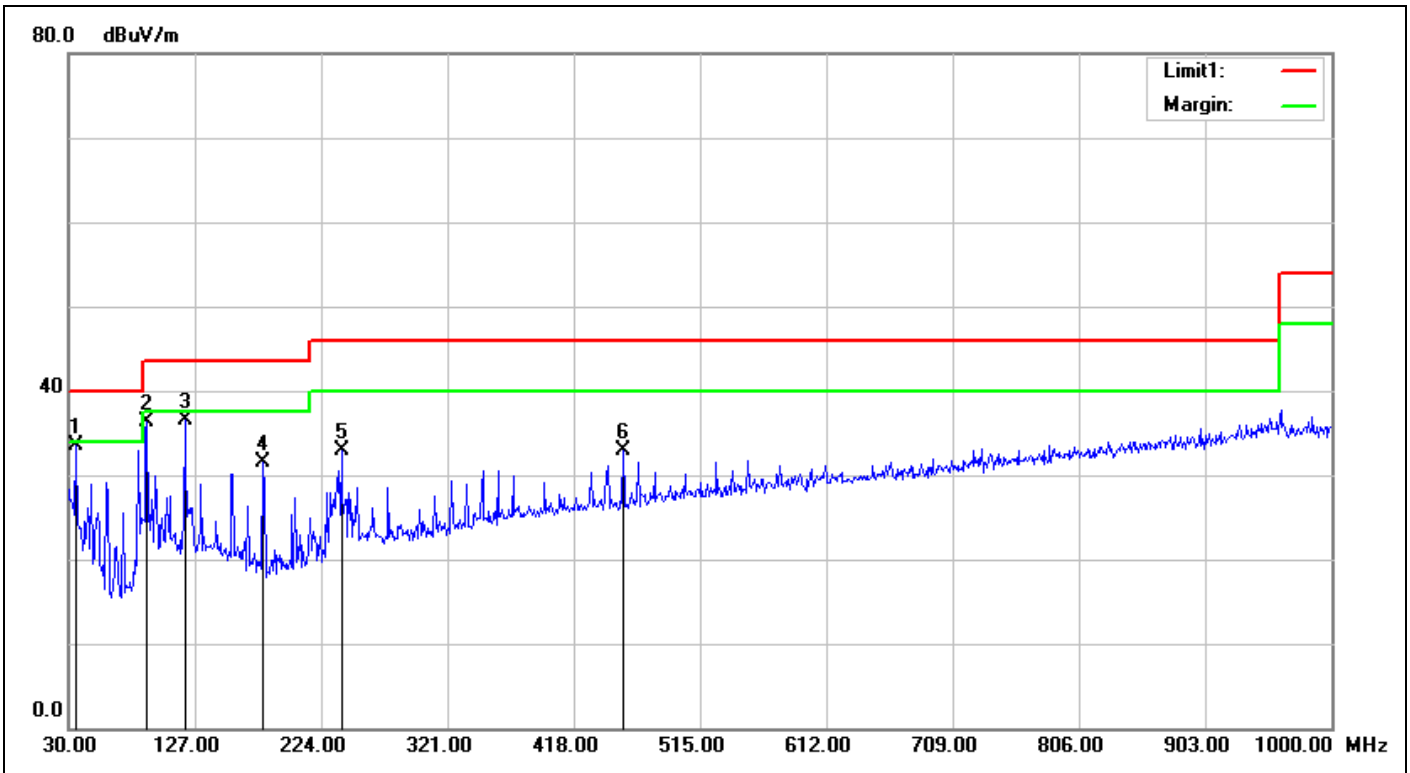
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/8/22 16:13:47
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0094	19.69	30.83	50.52	128.12	-77.60	QP	100	36	
2	0.0337	20.00	21.84	41.84	117.04	-75.20	QP	100	102	
3	0.0478	19.51	22.77	42.28	114.00	-71.72	QP	100	221	
4	0.0706	19.31	18.12	37.43	110.62	-73.19	QP	100	255	
5	0.0961	19.15	18.05	37.20	107.94	-70.74	QP	100	39	
6	0.1497	19.08	15.32	34.40	104.09	-69.69	QP	100	109	

Spurious Emissions, RX Mode, 30M-1G



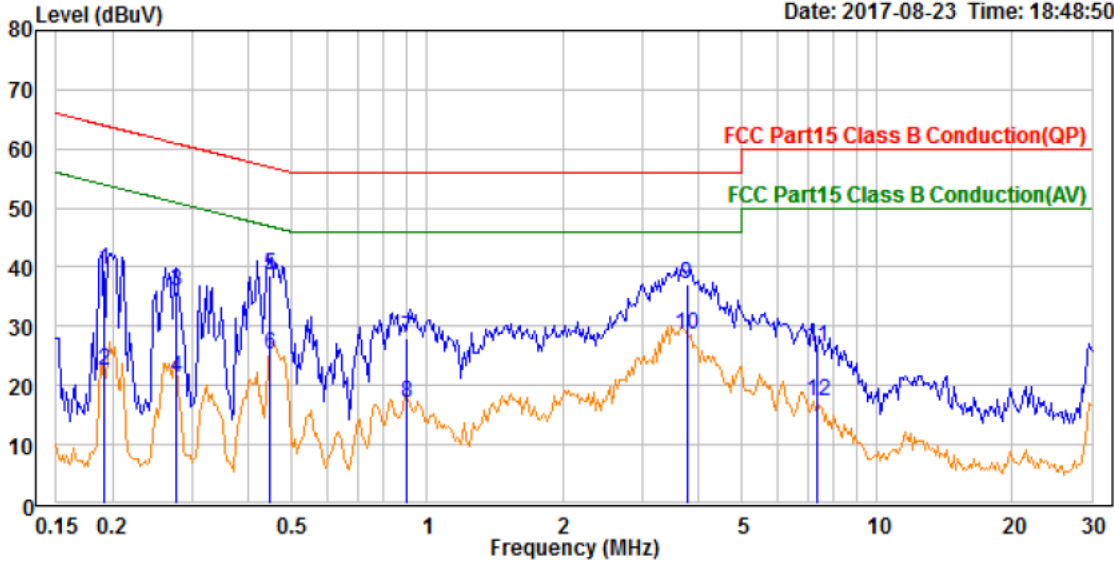
Service No.:	114064476_FCC_LE	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/8/22 17:37:35
Applicant:	Chang Yow	Test Rating:	DC 12V
Product:	IConsole+ BluetoothModule	Temp.(°C)/Hum.(%):	20(°C)/47%
Model No.:	SI3003	Test Engineer:	Hugo Chang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35.8200	-4.34	37.82	33.48	40.00	-6.52	QP	100	200	
2	90.1400	-12.09	48.44	36.35	43.50	-7.15	QP	100	151	
3	119.2400	-8.57	45.17	36.60	43.50	-6.90	QP	100	89	
4	179.3800	-10.68	42.19	31.51	43.50	-11.99	QP	100	327	
5	239.5200	-8.00	40.95	32.95	46.00	-13.05	QP	100	100	
6	455.8300	-2.85	35.83	32.98	46.00	-13.02	QP	100	186	

Mains Spurious Emissions

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Date: 2017-08-23 Time: 18:48:50



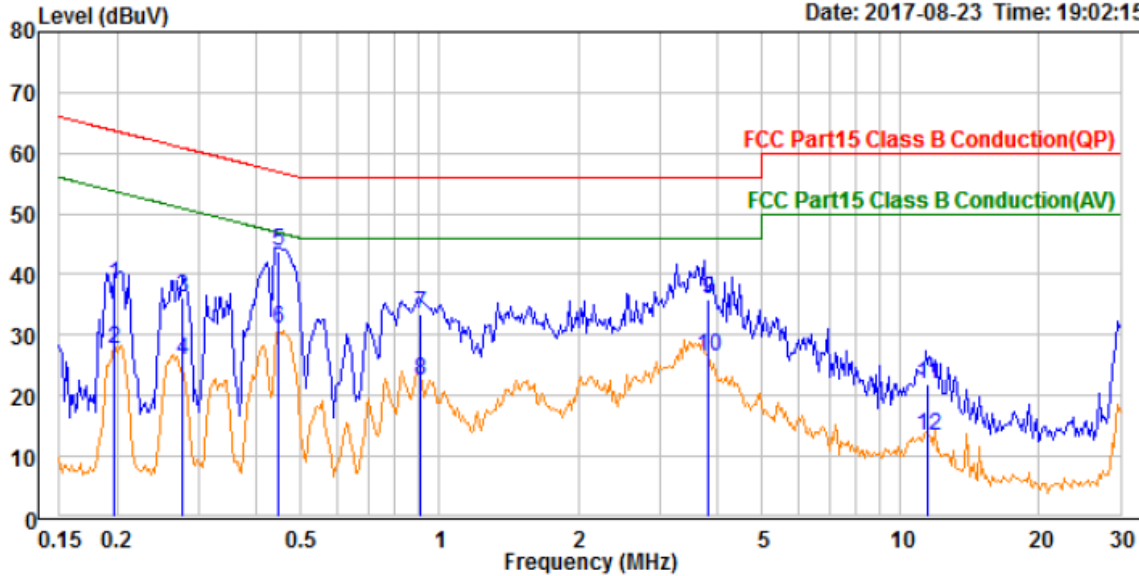
Trace: 1

Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) line1
 Test Engineer: Hugo Chang
 Applicant : Chang Yow
 Product : IConsole+ BluetoothModule
 Model No. : SI3003
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 22.2/42%
 Memo :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.191	29.95	9.67	39.62	64.00	-24.38	QP
2	0.191	12.74	9.67	22.41	54.00	-31.59	Average
3	0.277	26.16	9.66	35.82	60.90	-25.08	QP
4	0.277	11.60	9.66	21.26	50.90	-29.64	Average
5	0.446	29.00	9.65	38.65	56.94	-18.29	QP
6	0.446	15.48	9.65	25.13	46.94	-21.81	Average
7	0.897	18.43	9.66	28.09	56.00	-27.91	QP
8	0.897	7.28	9.66	16.94	46.00	-29.06	Average
9	3.775	27.49	9.69	37.18	56.00	-18.82	QP
10	3.775	18.76	9.69	28.45	46.00	-17.55	Average
11	7.334	16.87	9.73	26.60	60.00	-33.40	QP
12	7.334	7.73	9.73	17.46	50.00	-32.54	Average

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Date: 2017-08-23 Time: 19:02:15



Trace: 1

Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) neutral
 Test Engineer: Hugo Chang
 Applicant : Chang Yow
 Product : IConsole+ BluetoothModule
 Model No. : SI3003
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 22.2/42%
 Memo :

	Read Freq	Read Level	Read Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.198	28.78	9.67	38.45	63.70	-25.25	QP
2	0.198	18.01	9.67	27.68	53.70	-26.02	Average
3	0.276	26.56	9.66	36.22	60.94	-24.72	QP
4	0.276	16.22	9.66	25.88	50.94	-25.06	Average
5	0.447	34.18	9.65	43.83	56.93	-13.10	QP
6	0.447	21.24	9.65	30.89	46.93	-16.04	Average
7	0.911	23.68	9.66	33.34	56.00	-22.66	QP
8	0.911	12.98	9.66	22.64	46.00	-23.36	Average
9	3.826	26.06	9.69	35.75	56.00	-20.25	QP
10	3.826	16.80	9.69	26.49	46.00	-19.51	Average
11	11.424	12.06	9.81	21.87	60.00	-38.13	QP
12	11.424	3.47	9.81	13.28	50.00	-36.72	Average