

Test Report No.10045580 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10045580AppendixD)

Contents

Spurious Emissions, Band Edges, 2.35-2.5G 2

Spurious Emissions, TX Mode, 1-18G..... 18

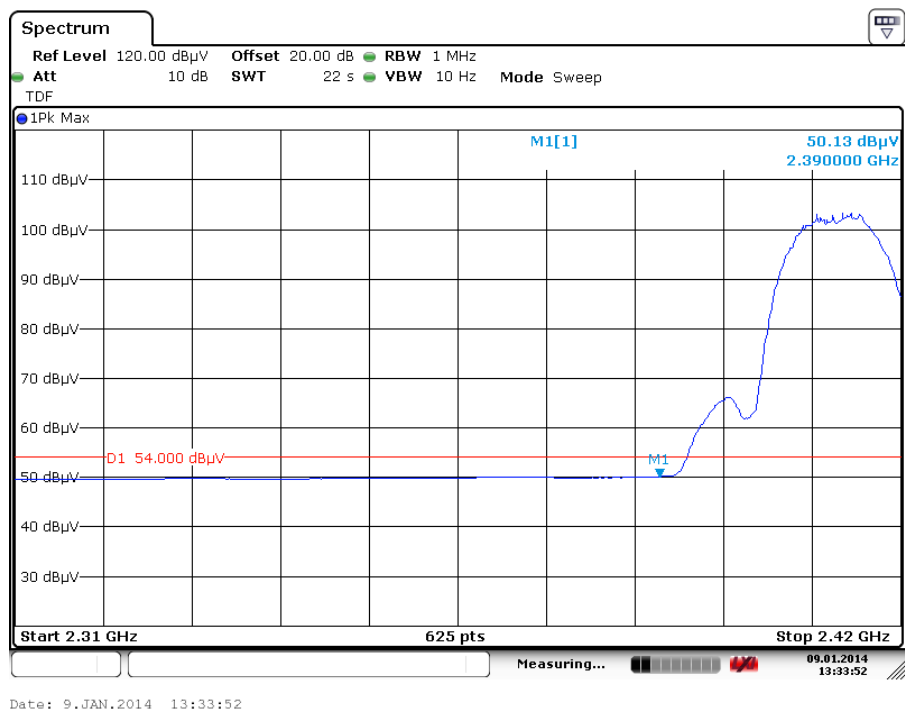
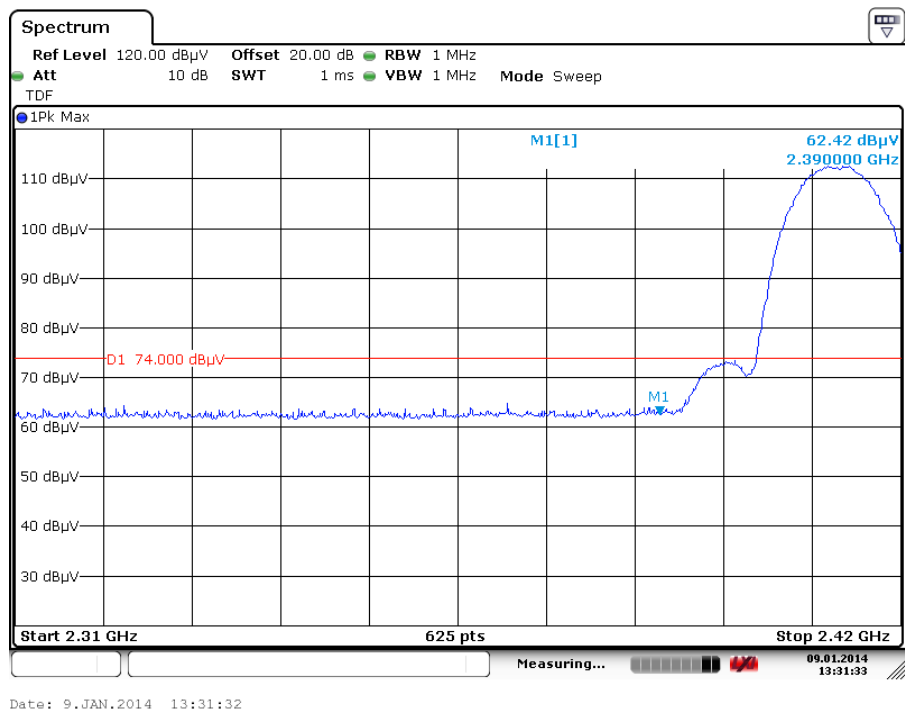
Spurious Emissions, TX Mode, 18-26G..... 42

Spurious Emissions, TX Mode, 30M-1G 66

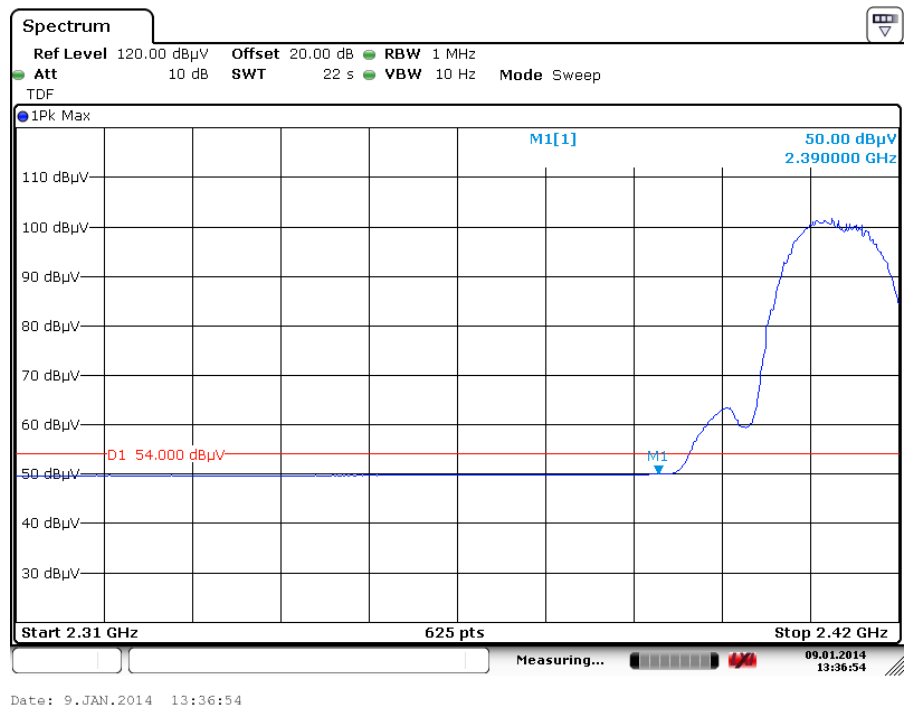
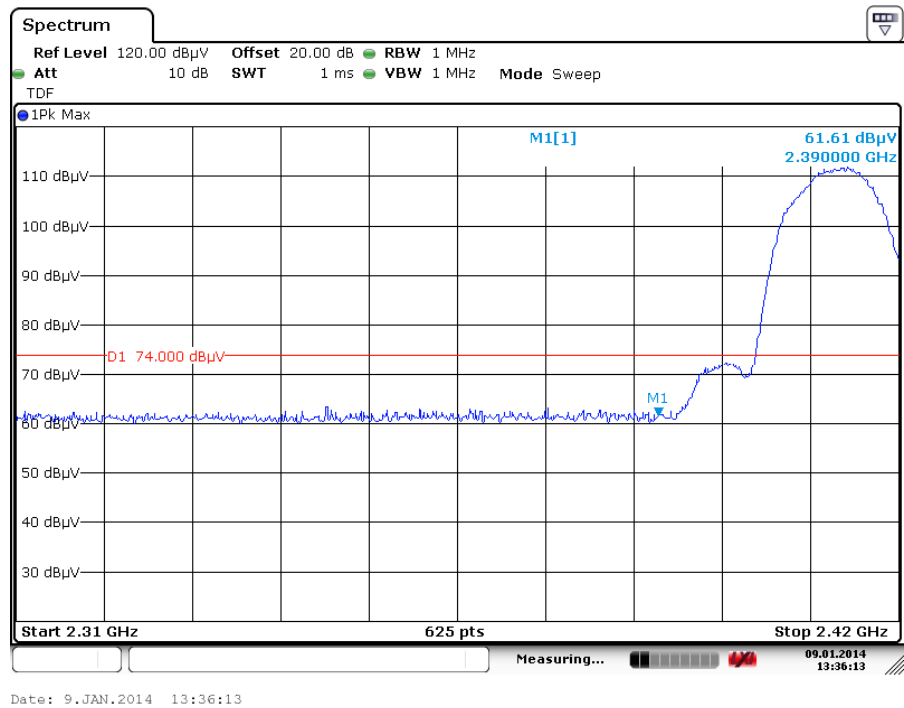
Spurious Emissions, Mains, 150kHz - 30MHz..... 68

Radiated Bandedge (802.11b)

Low Channel (Hor)

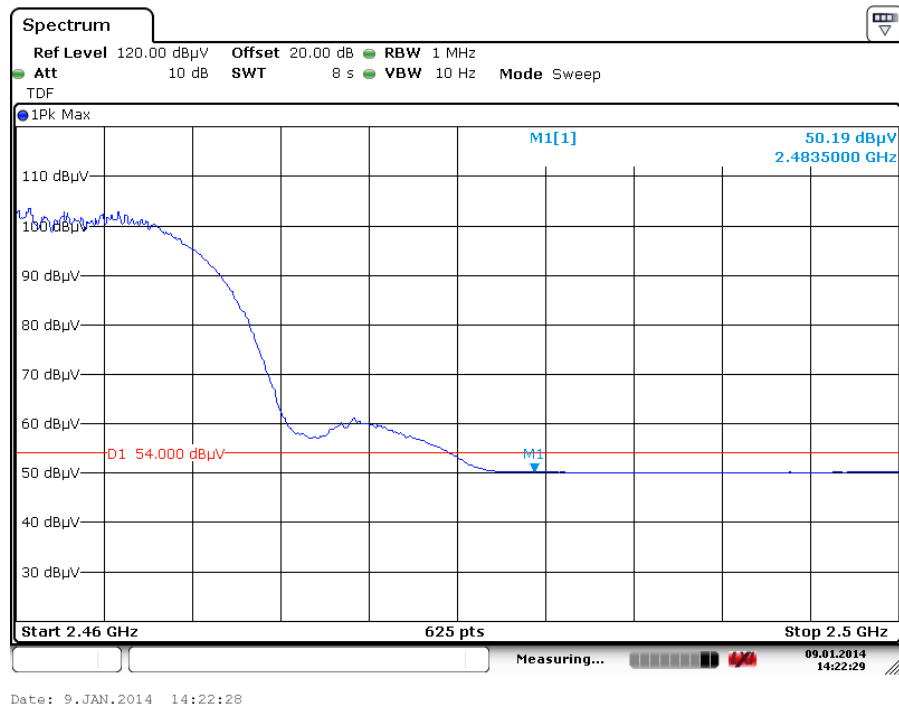
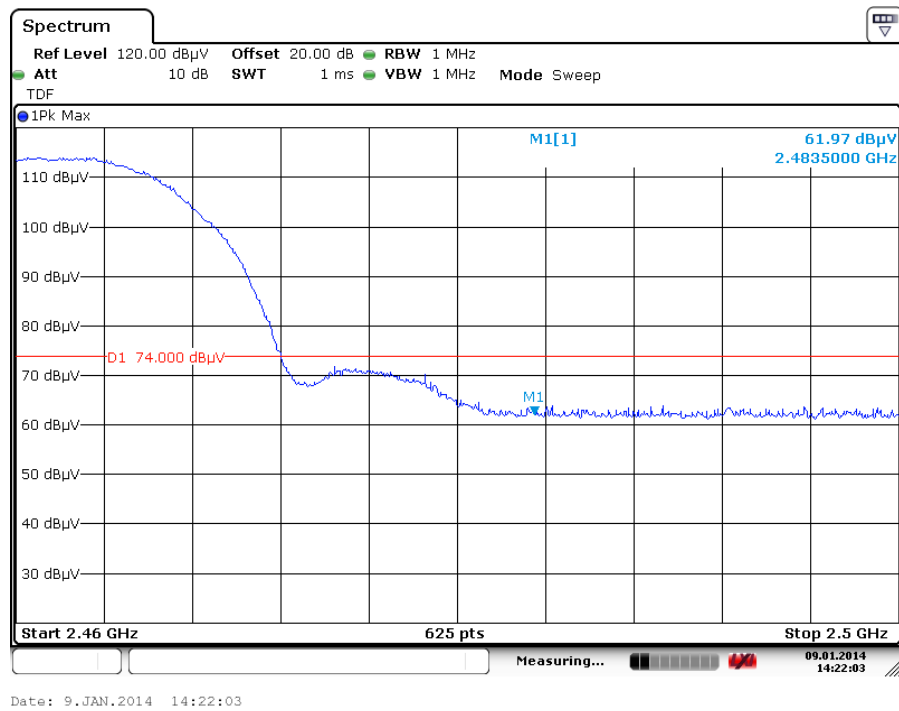


Low Channel (Ver)



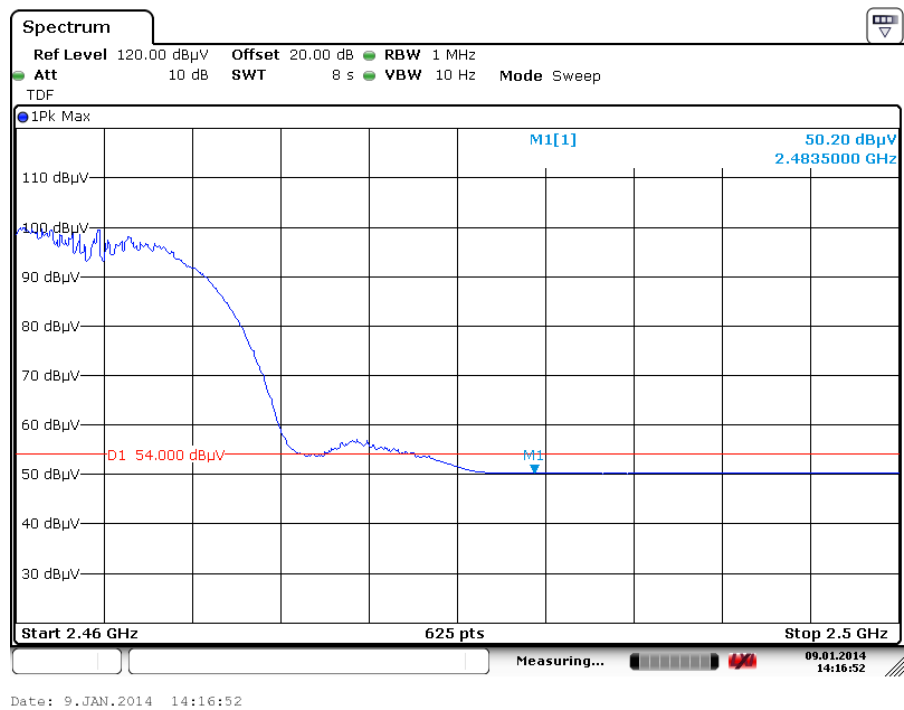
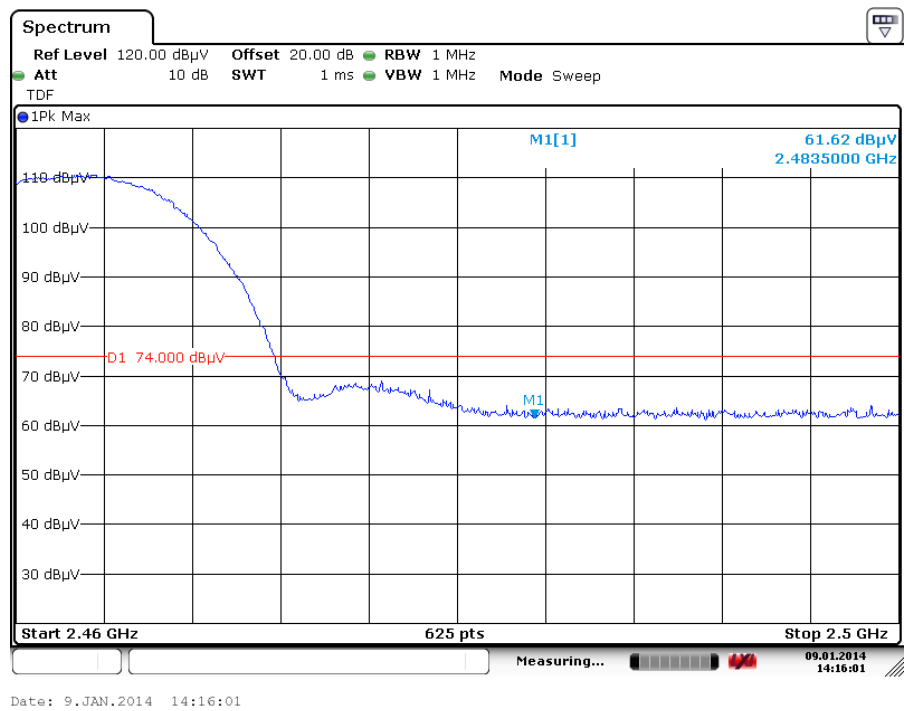
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



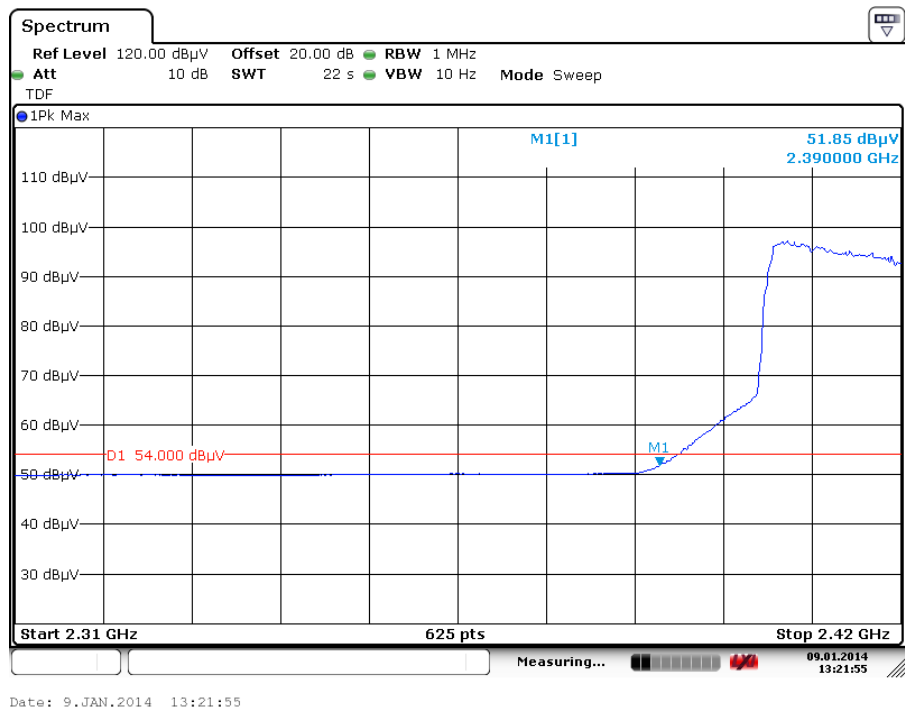
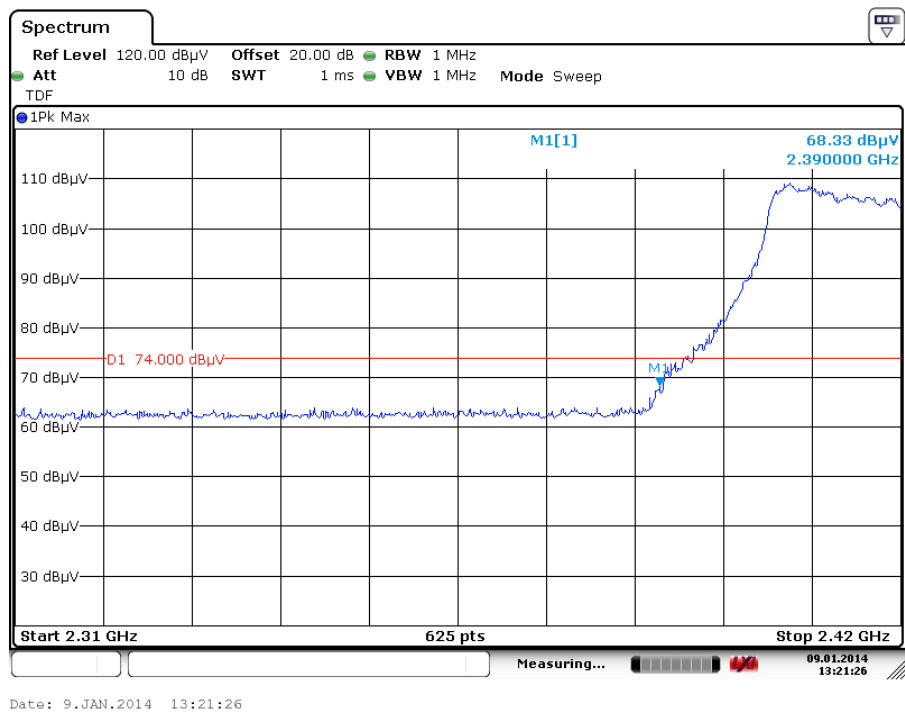
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



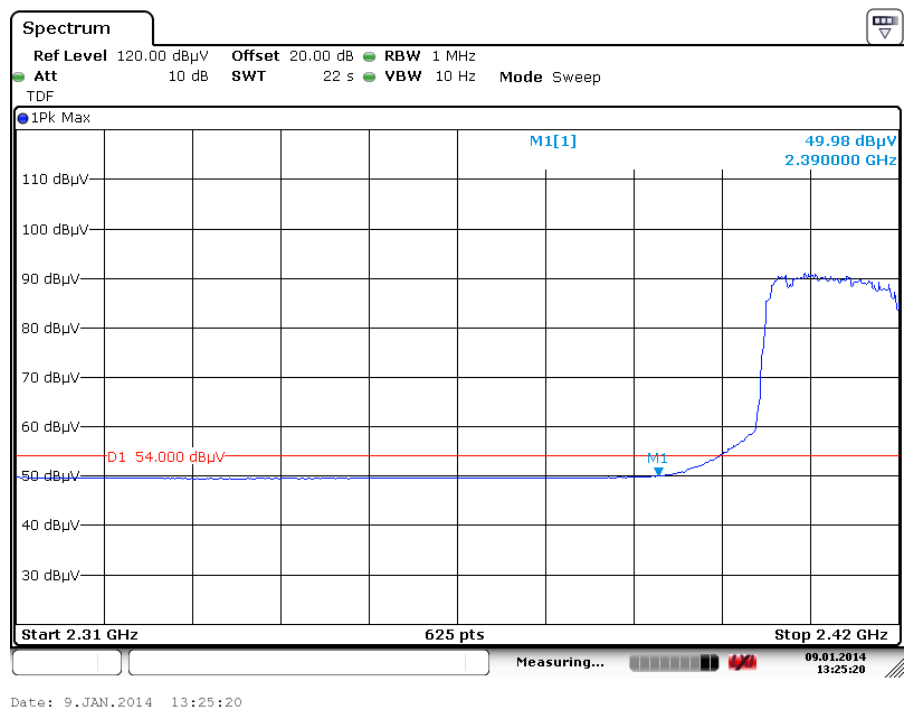
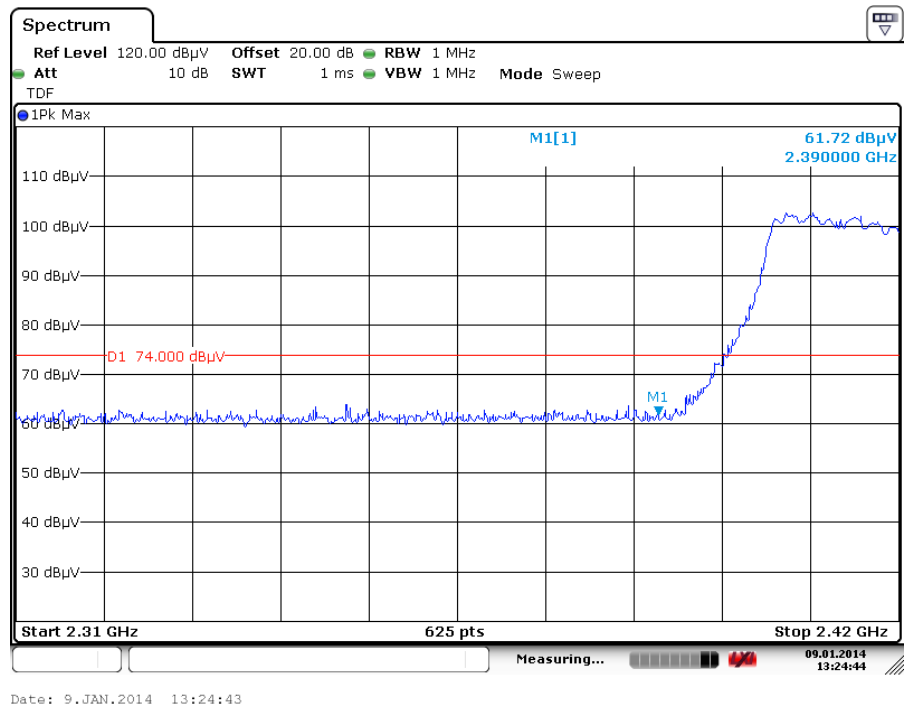
Radiated Bandedge (802.11g)

Low Channel (Hor)



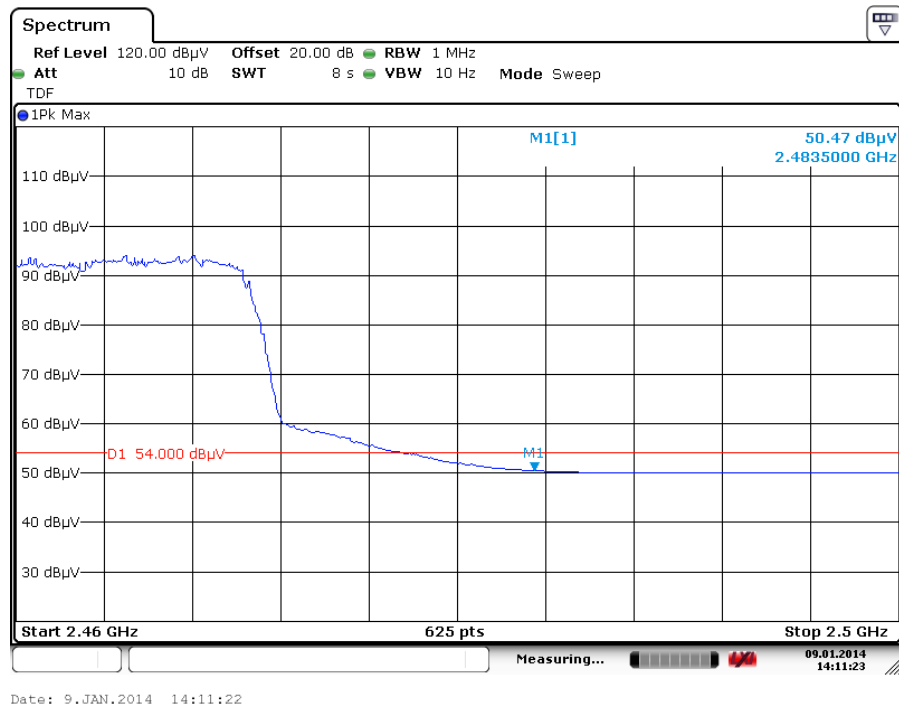
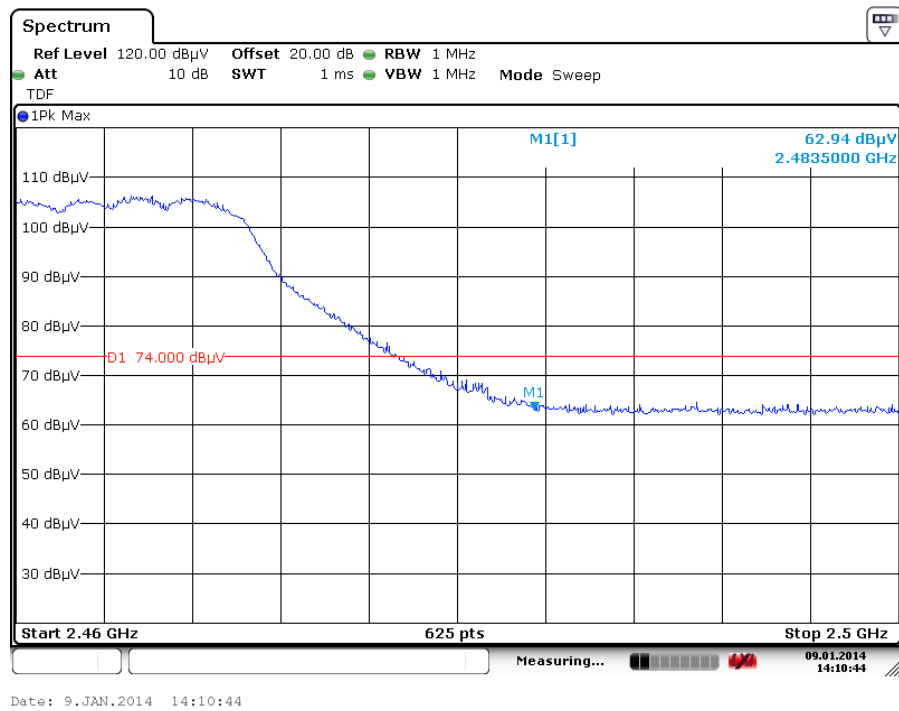
Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)



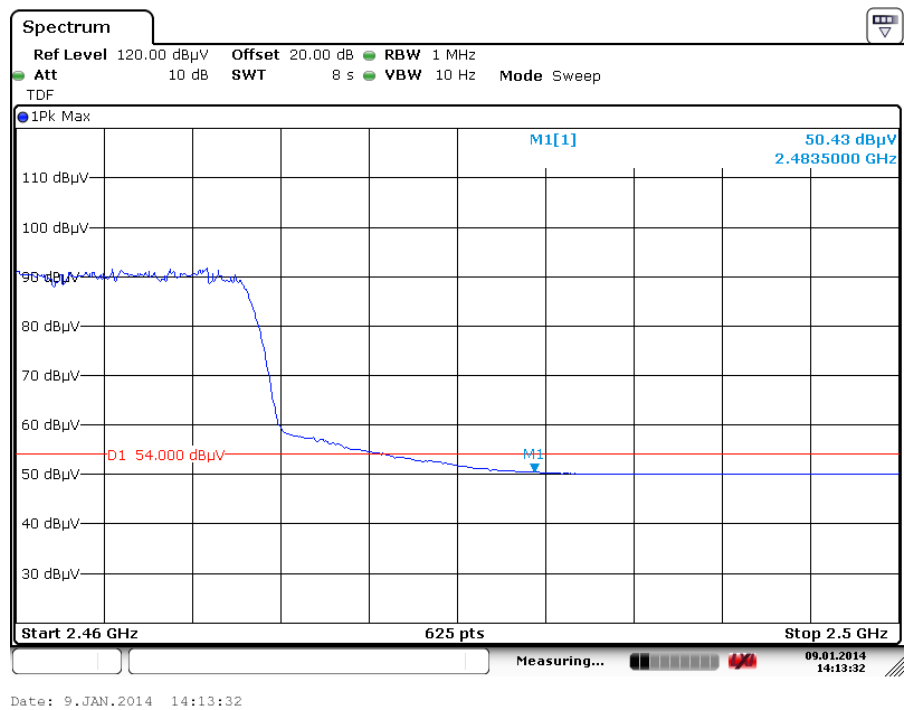
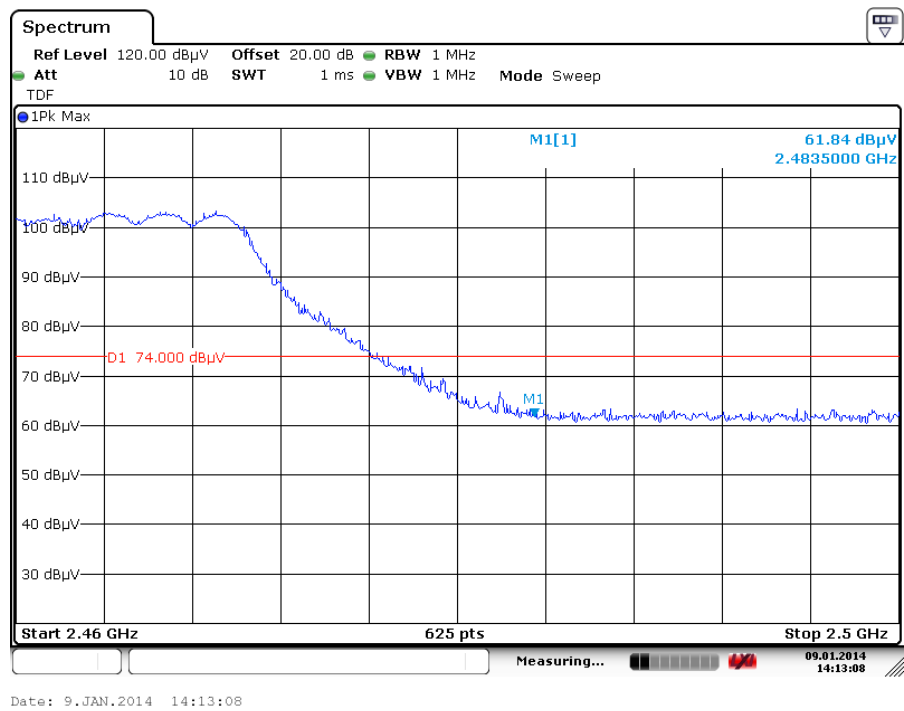
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

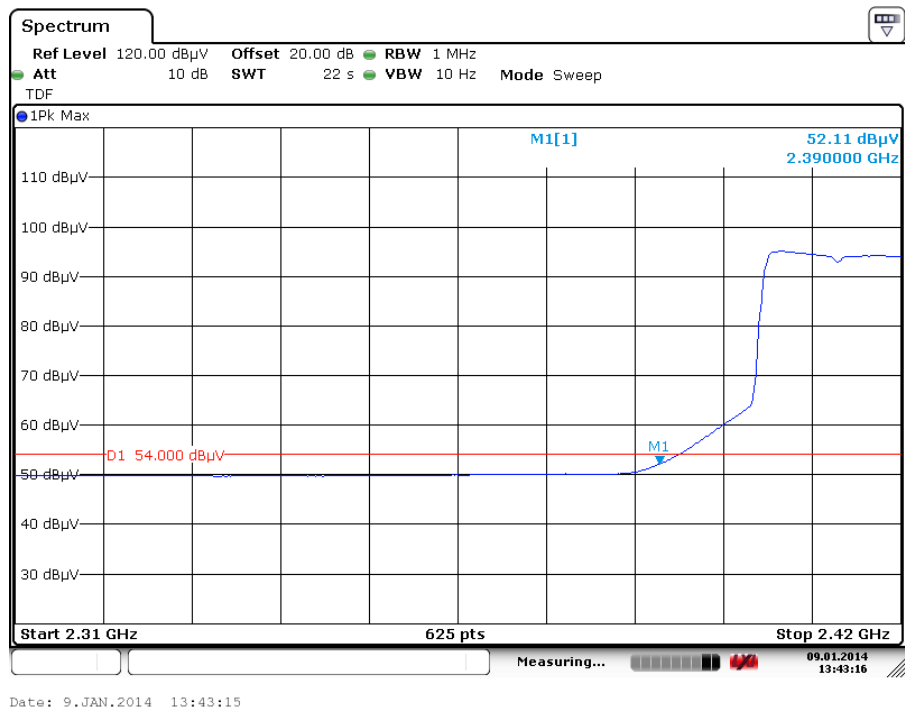
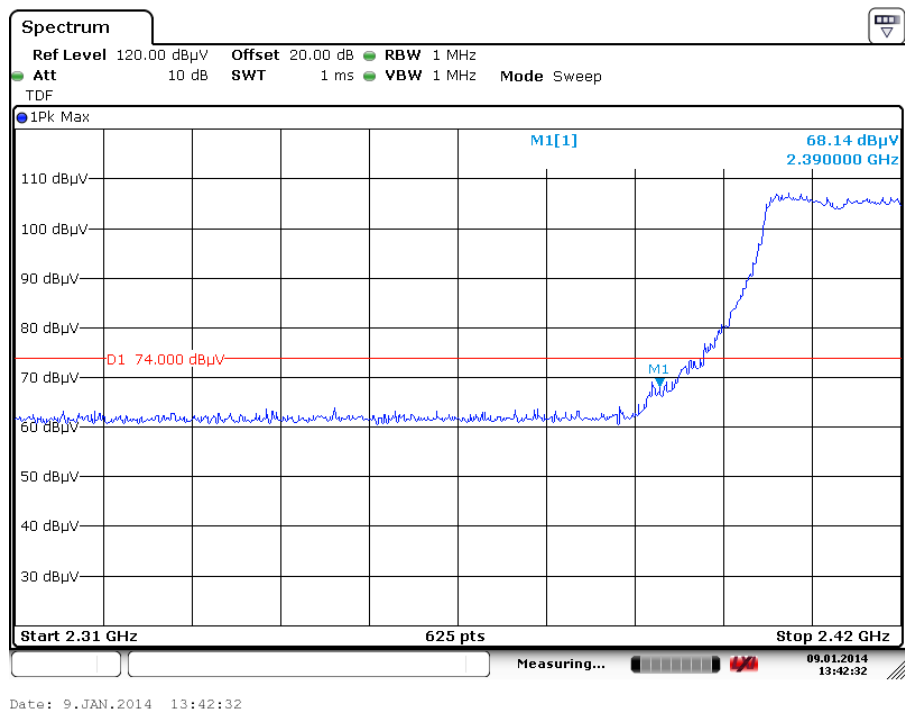
High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

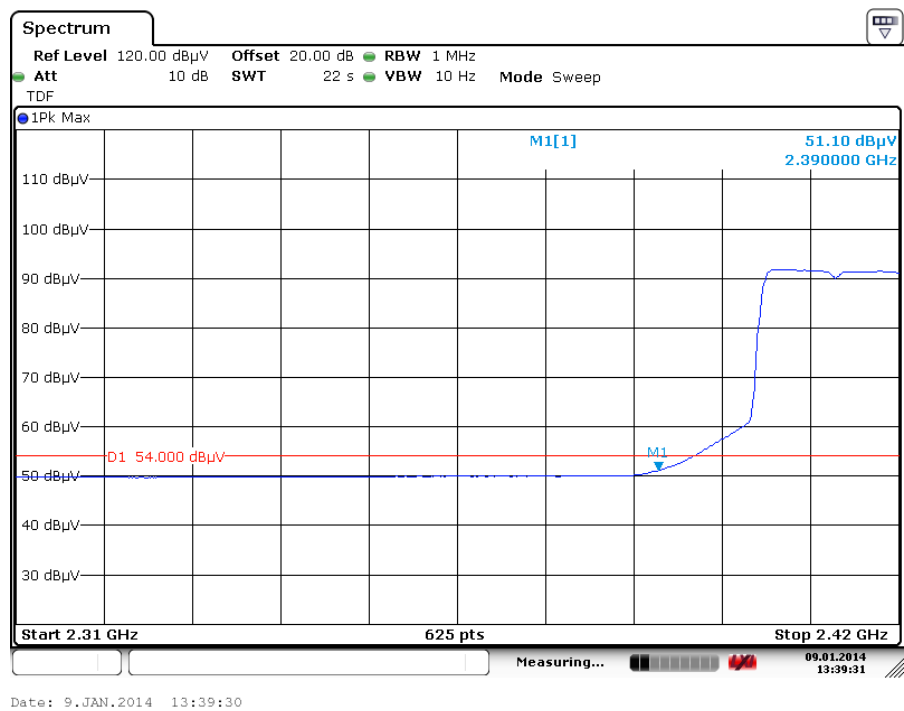
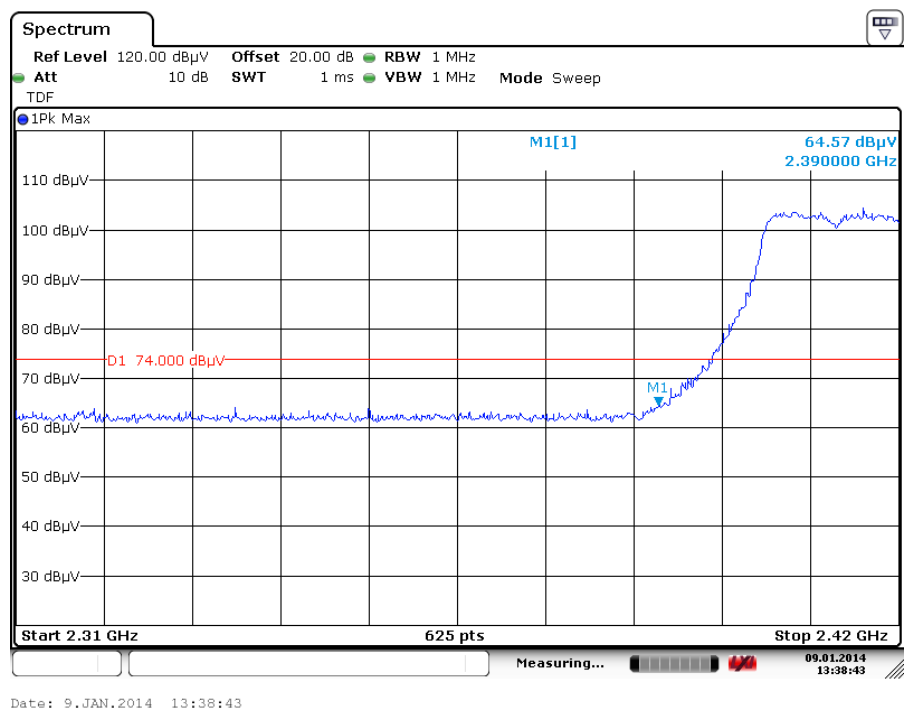
Radiated Bandedge (802.11n HT20)

Low Channel (Hor)



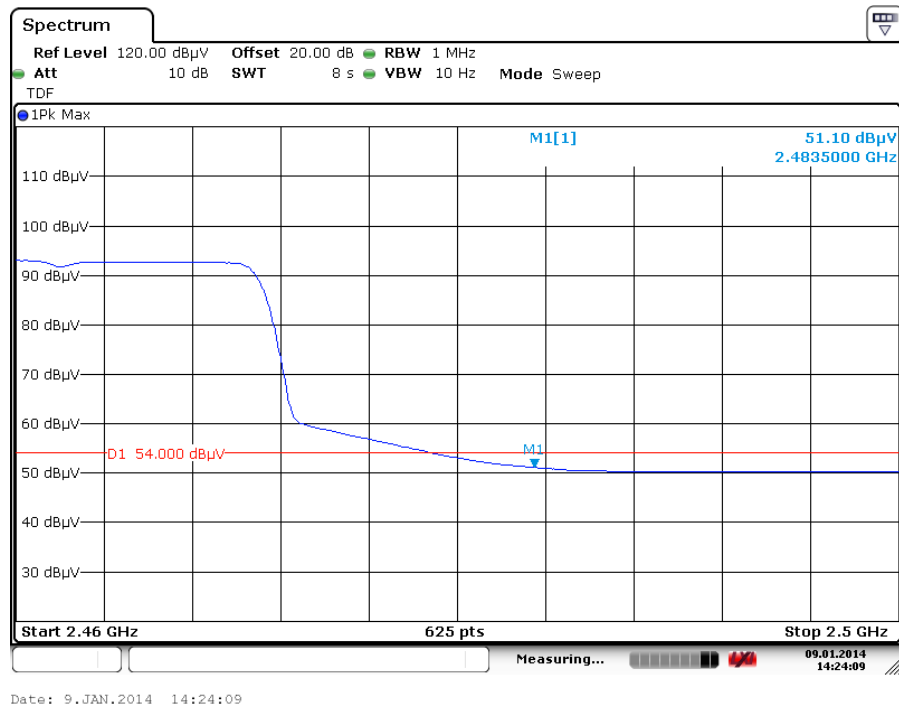
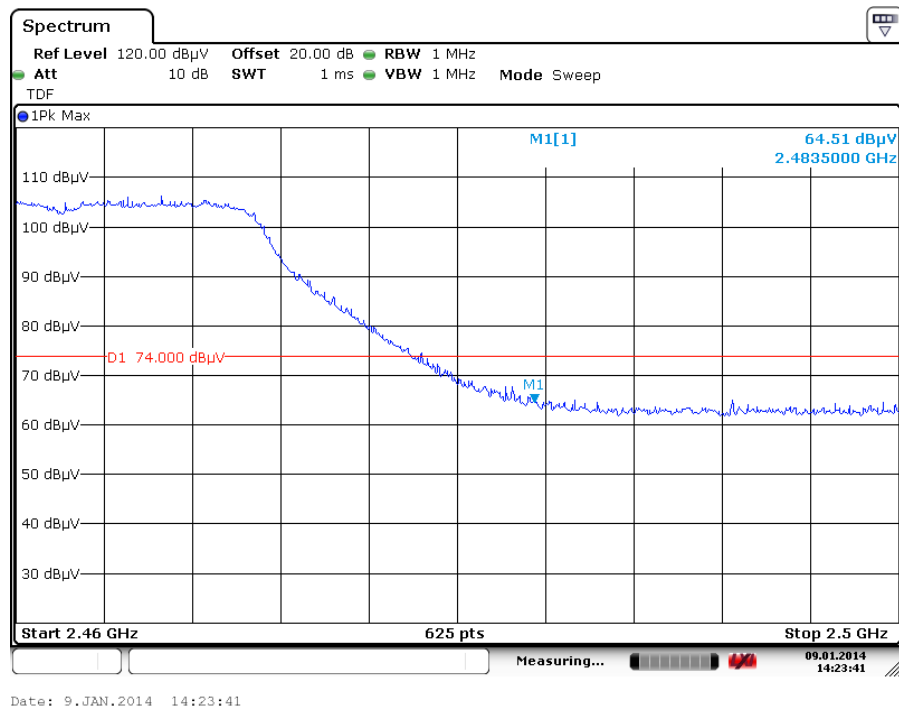
Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)

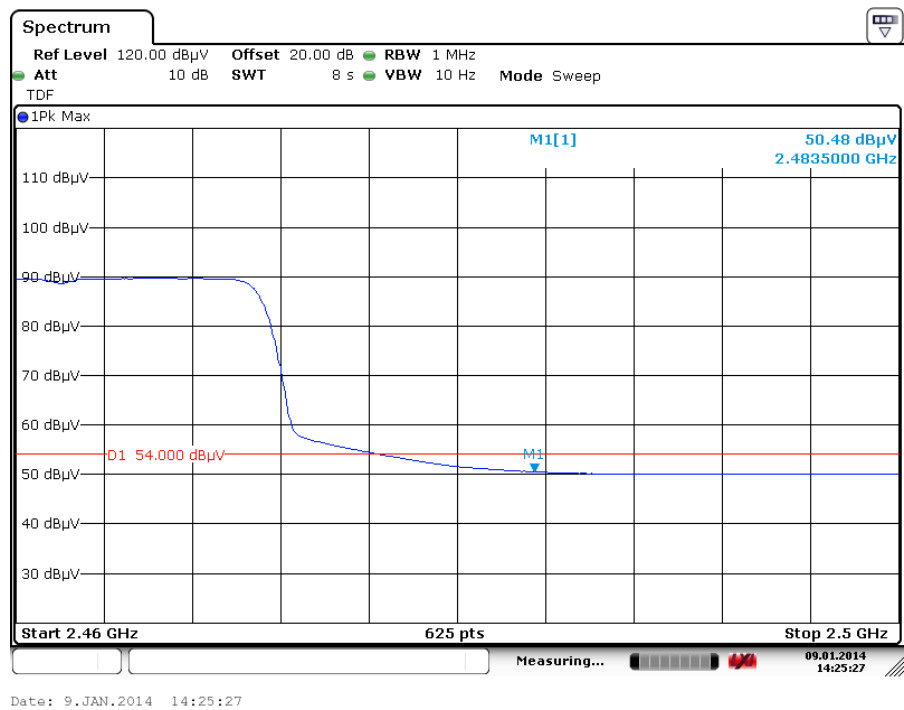
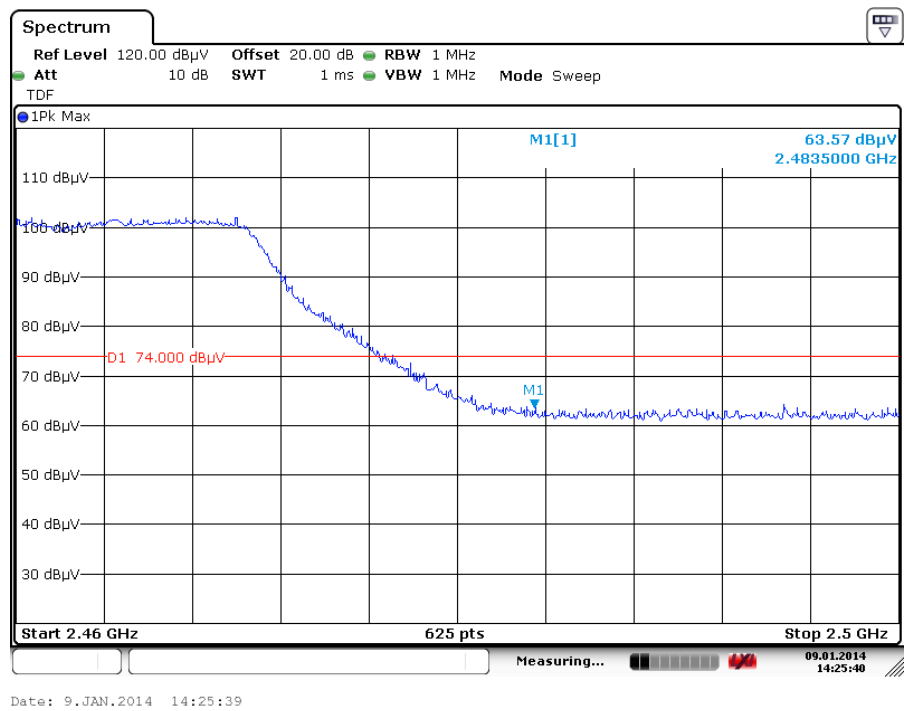


Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



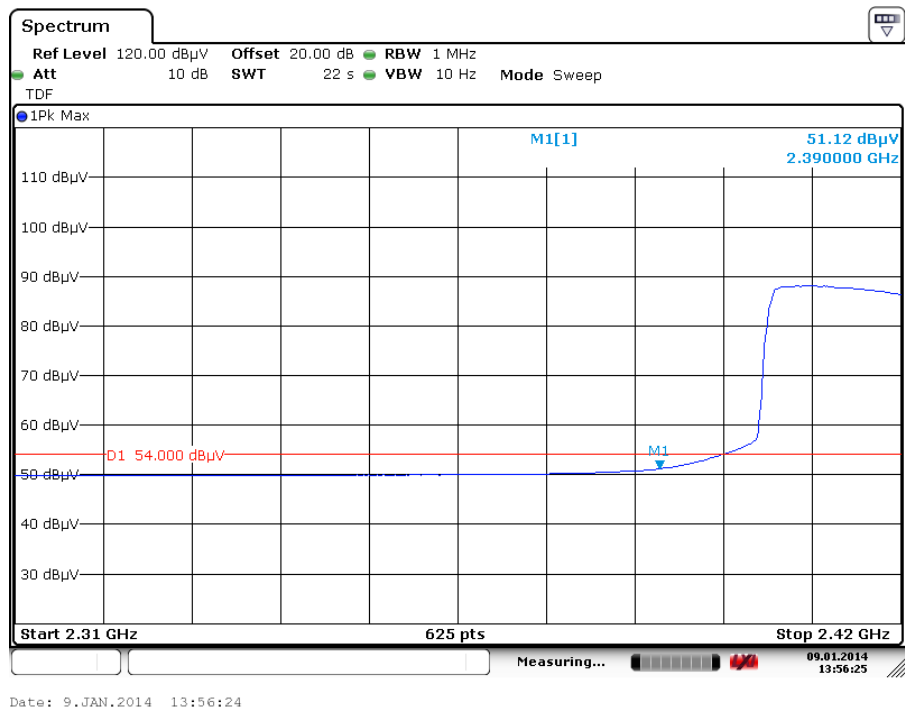
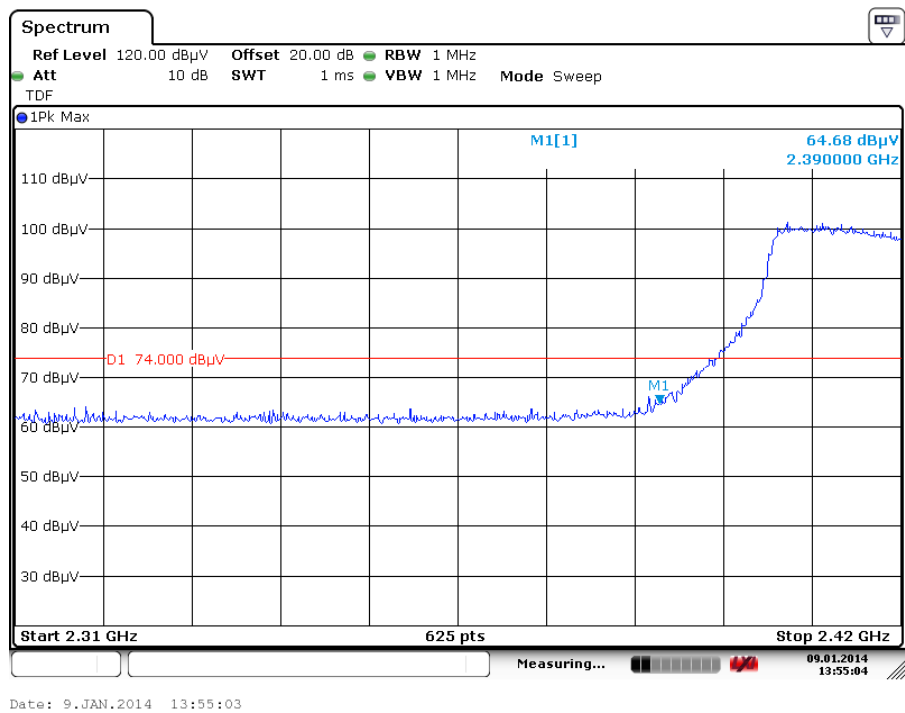
High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

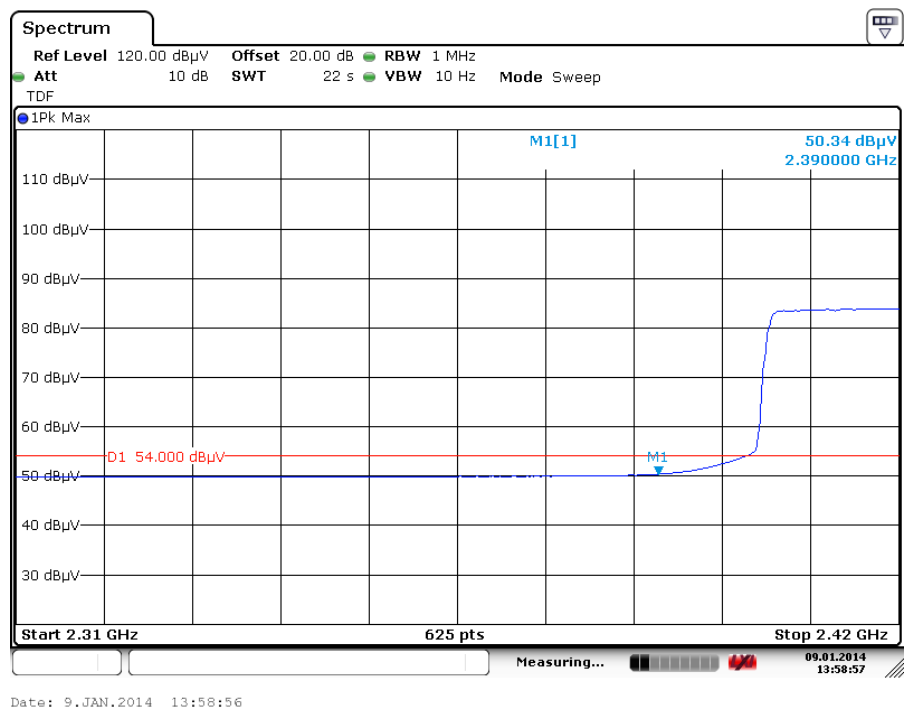
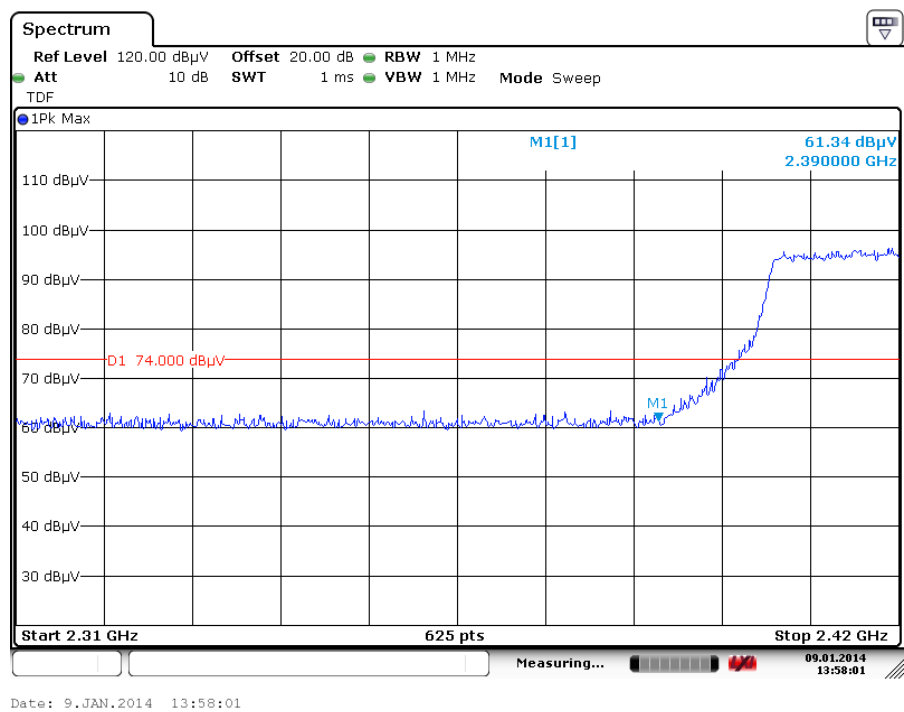
Radiated Bandedge (802.11n HT40)

Low Channel (Hor)



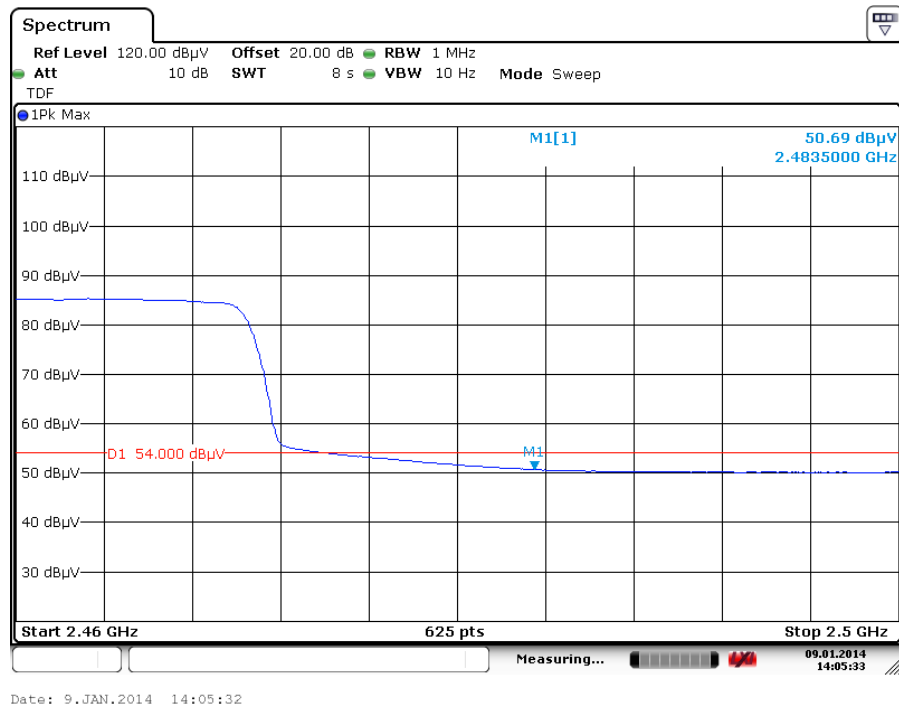
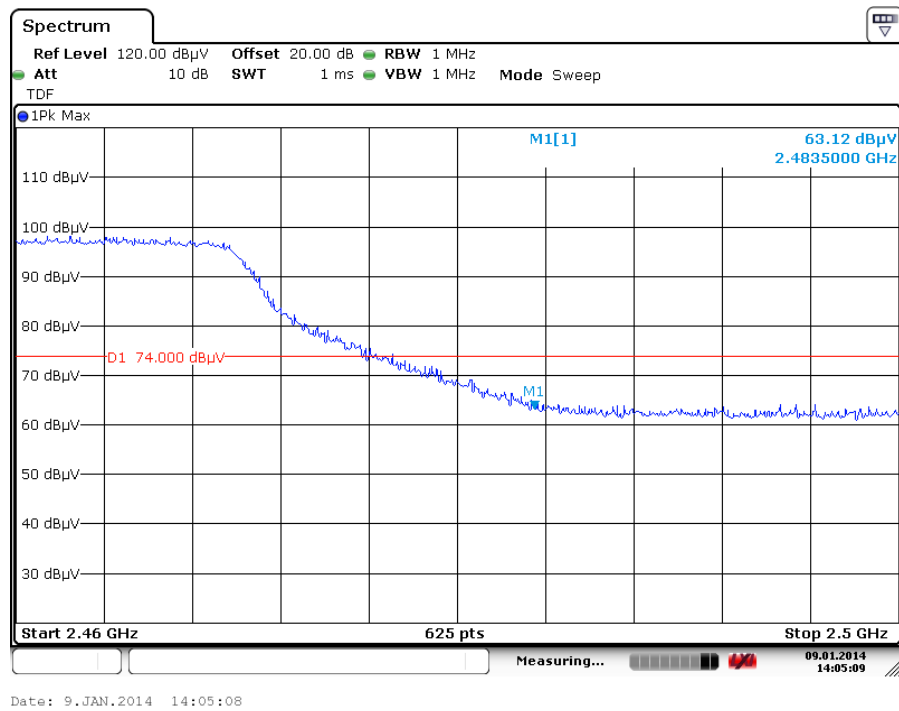
Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)

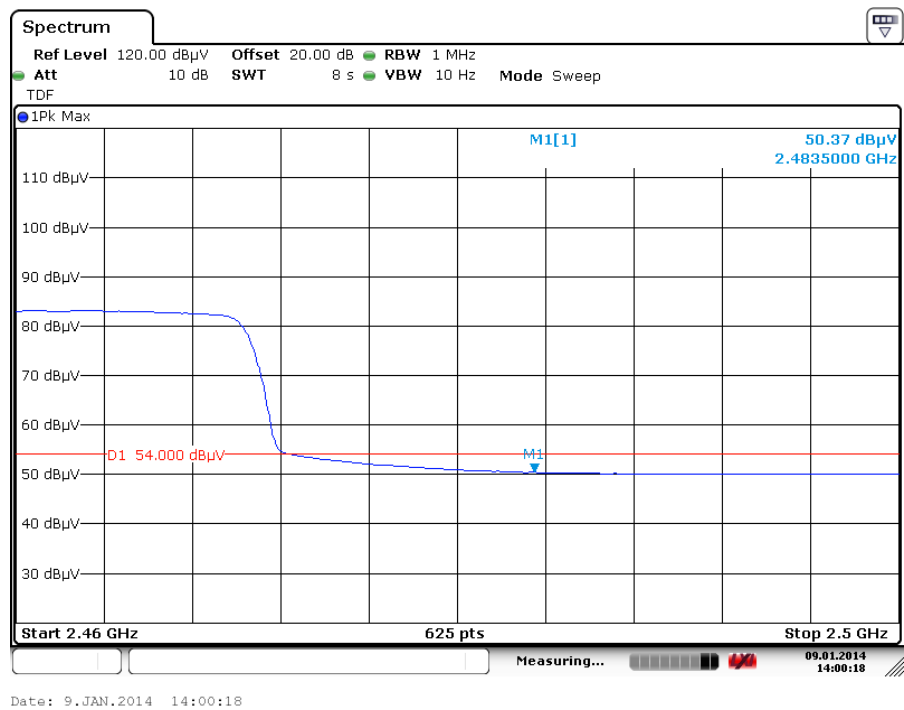
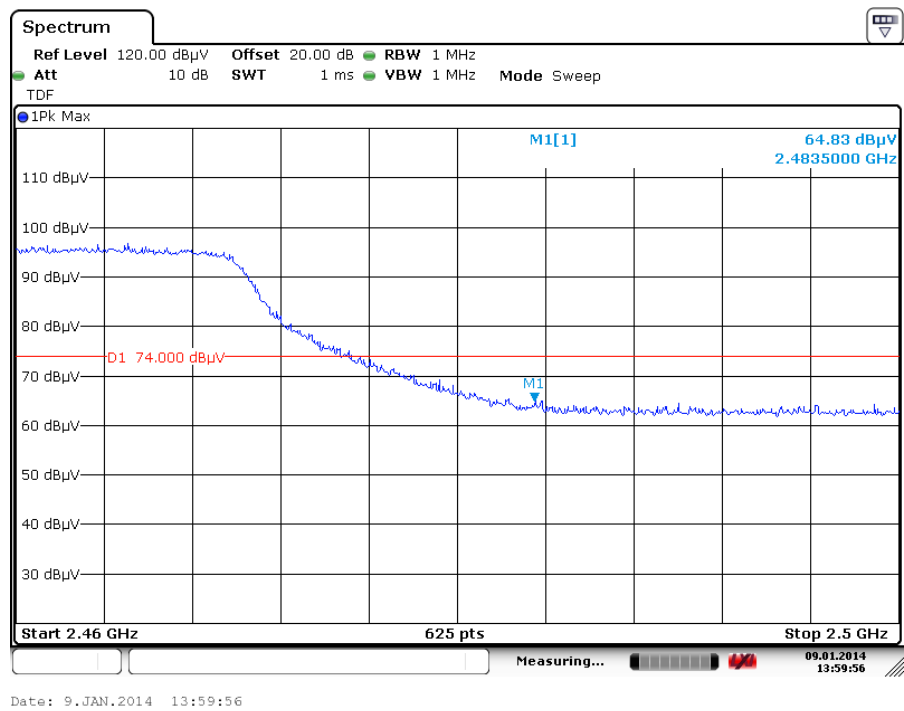


Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

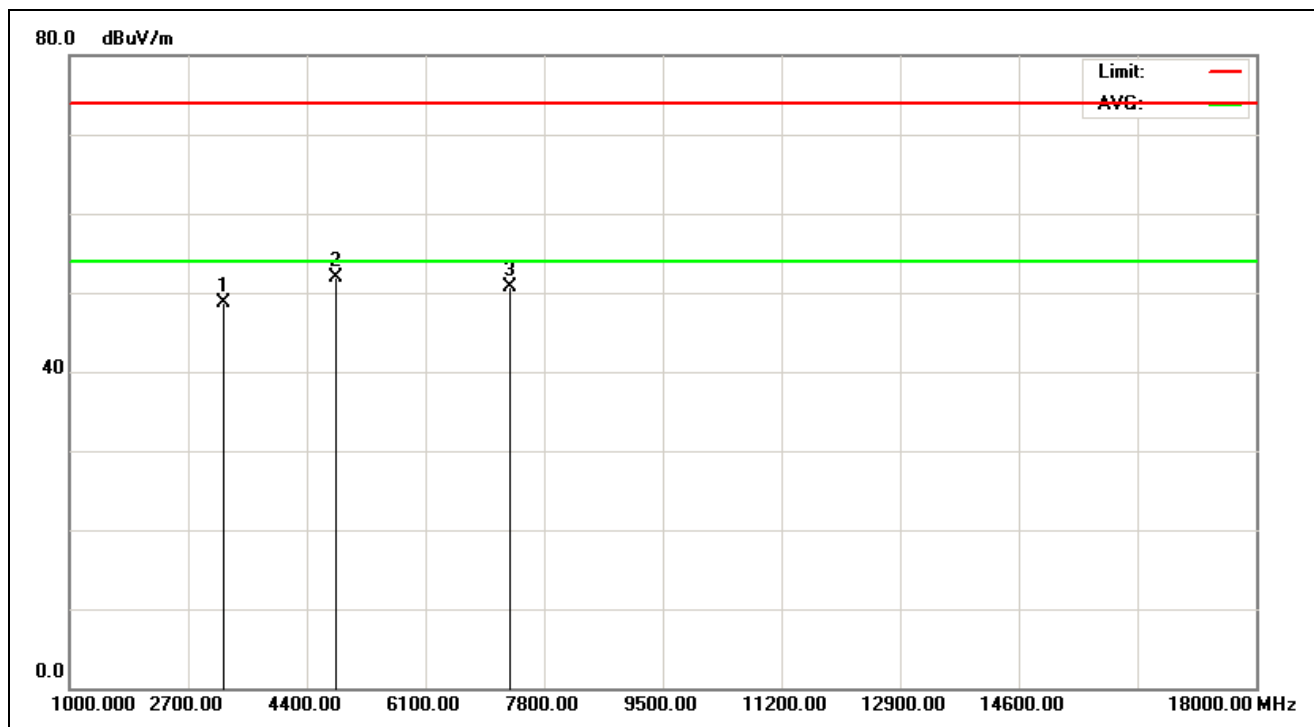
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

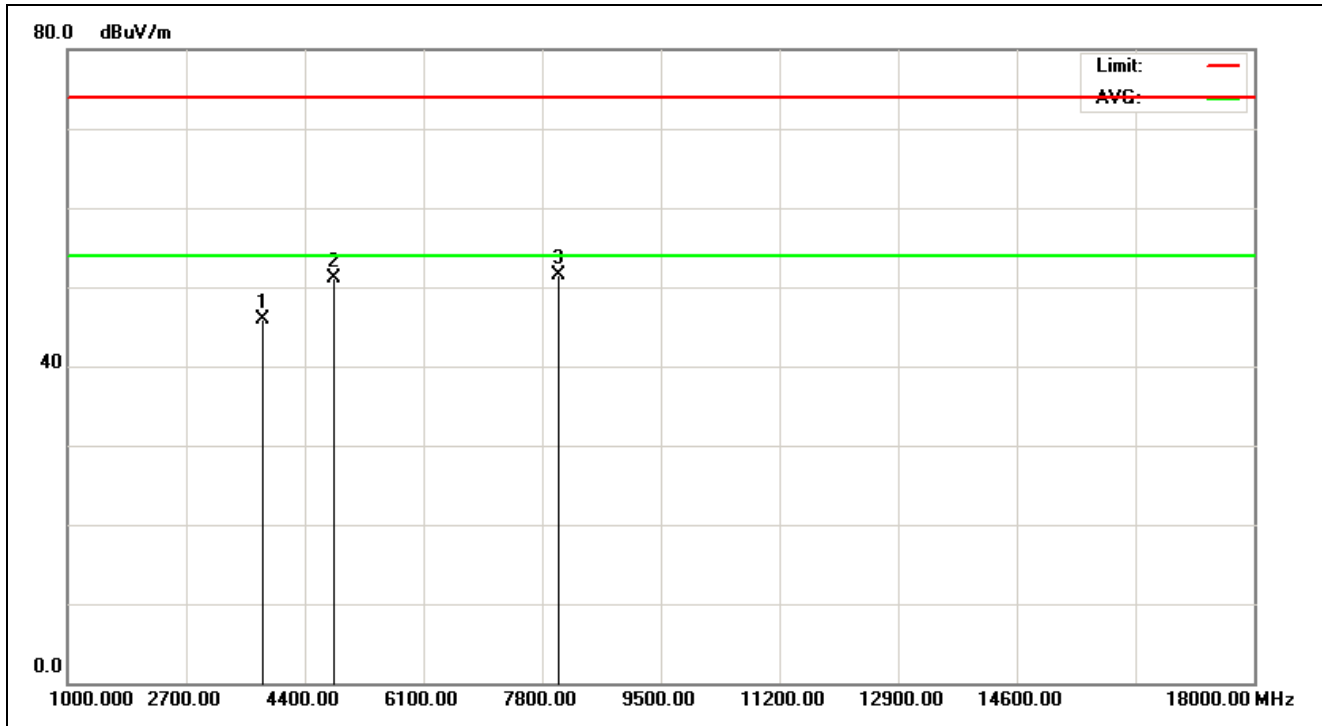
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



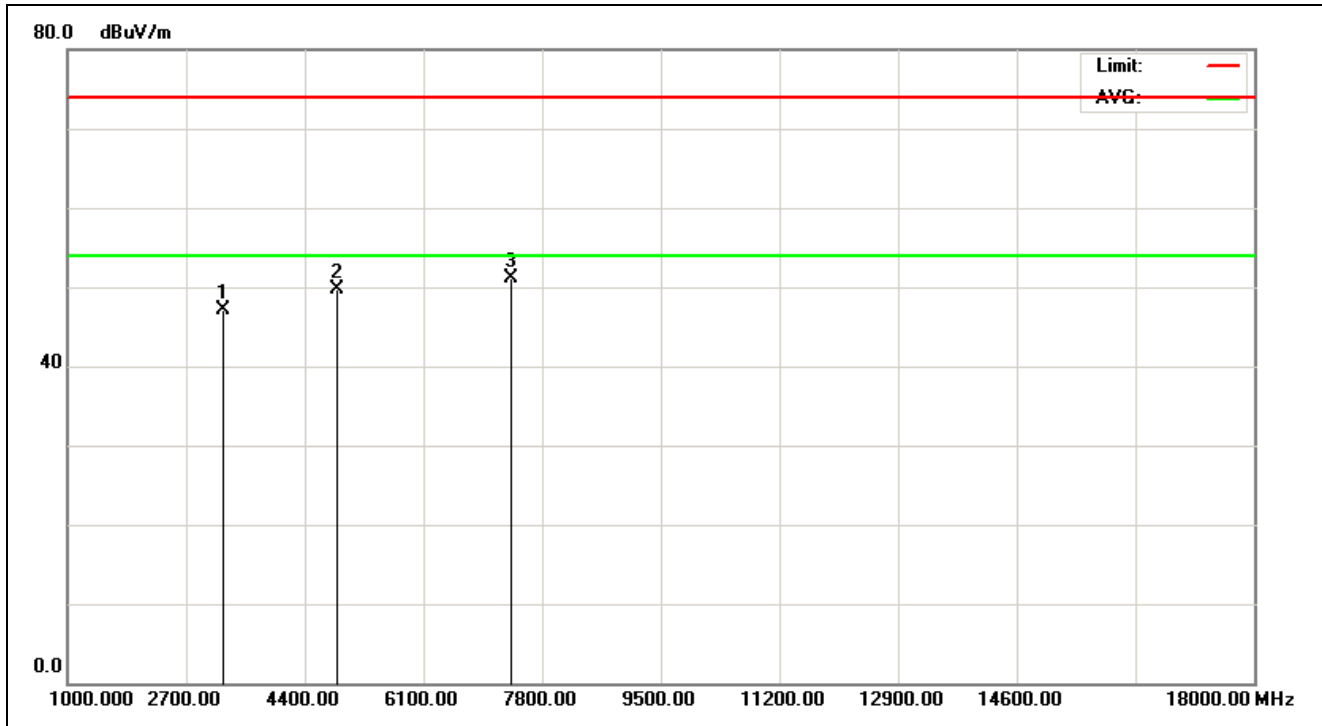
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 14:38:24
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%)	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3206.731	-6.00	54.72	48.72	74.00	-25.28	peak	100	263	
2	4814.103	-2.56	54.54	51.98	74.00	-22.02	peak	100	219	
3	7320.513	5.76	44.98	50.74	74.00	-23.26	peak	100	96	



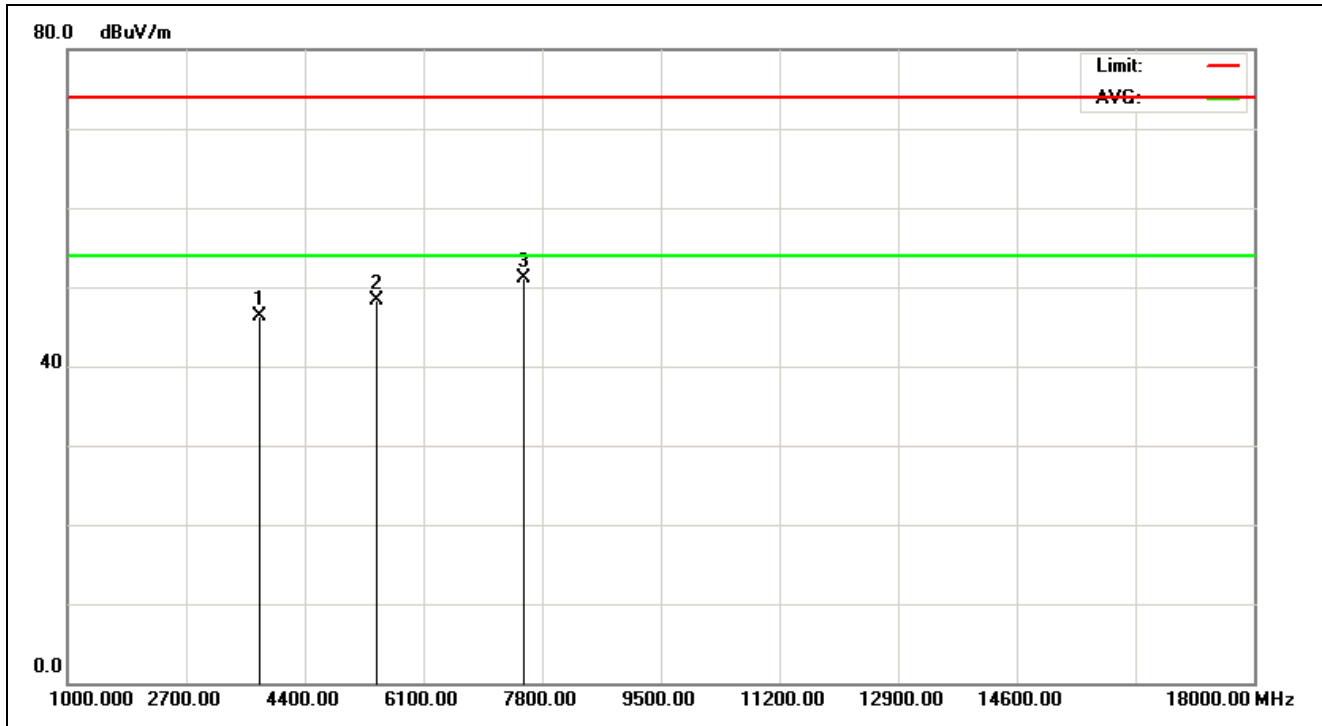
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 14:39:27
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3806.090	-5.43	51.31	45.88	74.00	-28.12	peak	100	0	
2	4814.103	-2.56	53.63	51.07	74.00	-22.93	peak	100	280	
3	8028.846	6.04	45.56	51.60	74.00	-22.40	peak	100	336	



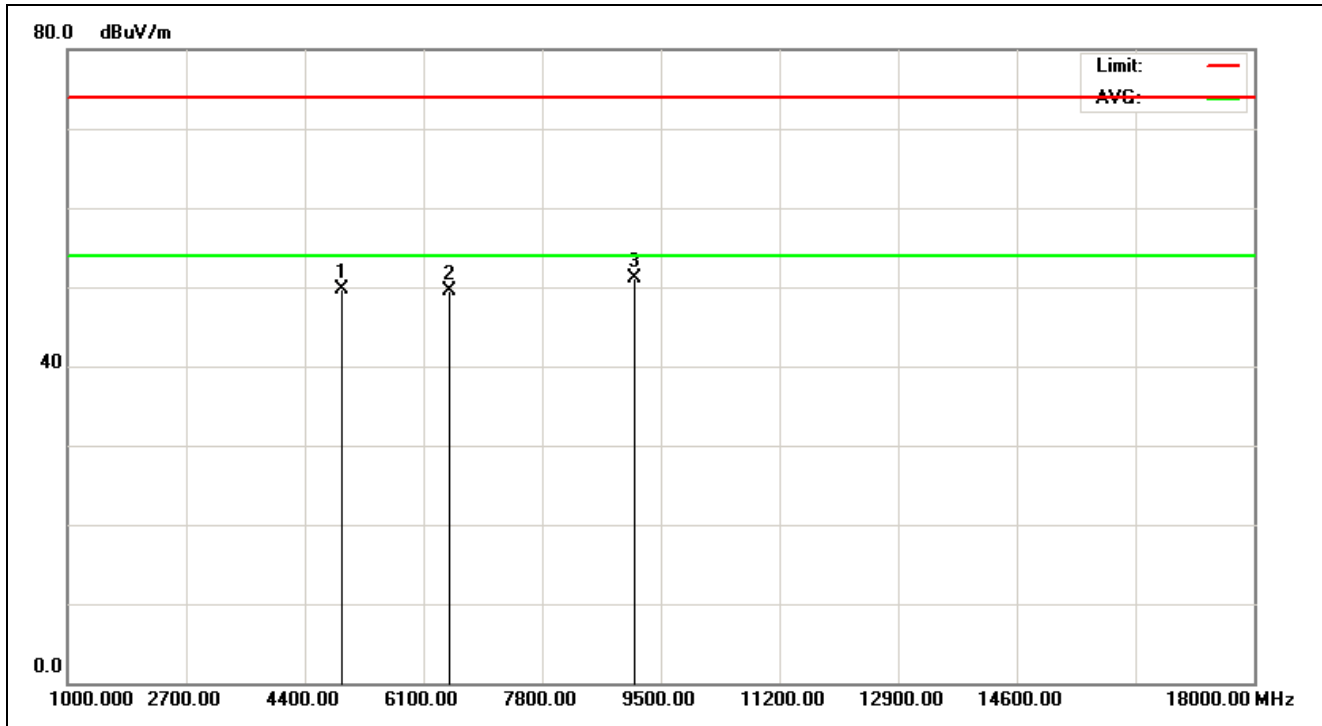
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Test item:	Radiation Emission	Test Time:	2014/1/9 14:41:29
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3233.974	-5.98	53.05	47.07	74.00	-26.93	peak	100	320	
2	4868.590	-2.42	52.03	49.61	74.00	-24.39	peak	100	91	
3	7347.756	5.84	45.24	51.08	74.00	-22.92	peak	100	86	



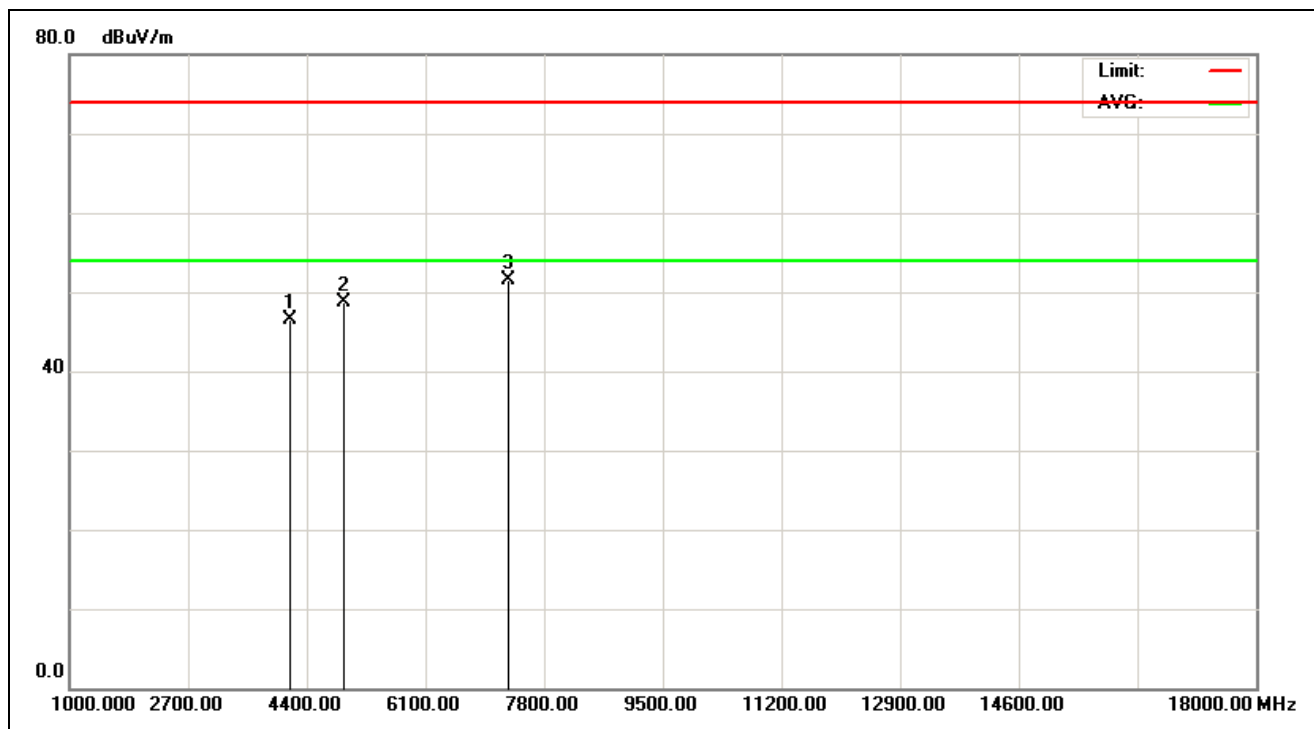
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 14:42:31
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3751.603	-5.47	51.80	46.33	74.00	-27.67	peak	100	208	
2	5440.705	0.06	48.16	48.22	74.00	-25.78	peak	100	112	
3	7538.462	6.24	44.87	51.11	74.00	-22.89	peak	100	115	



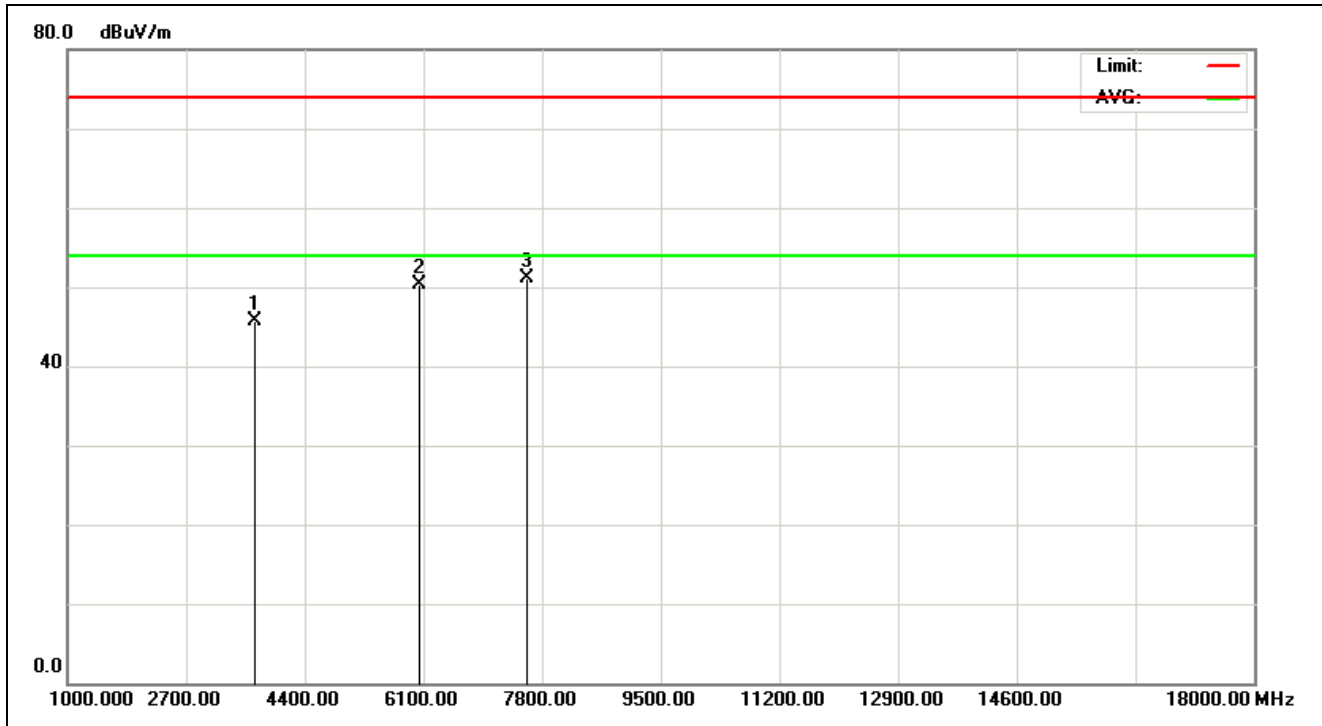
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 14:44:37
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4923.077	-2.28	52.08	49.80	74.00	-24.20	peak	100	83	
2	6475.962	5.38	44.20	49.58	74.00	-24.42	peak	100	115	
3	9118.590	6.79	44.35	51.14	74.00	-22.86	peak	100	67	



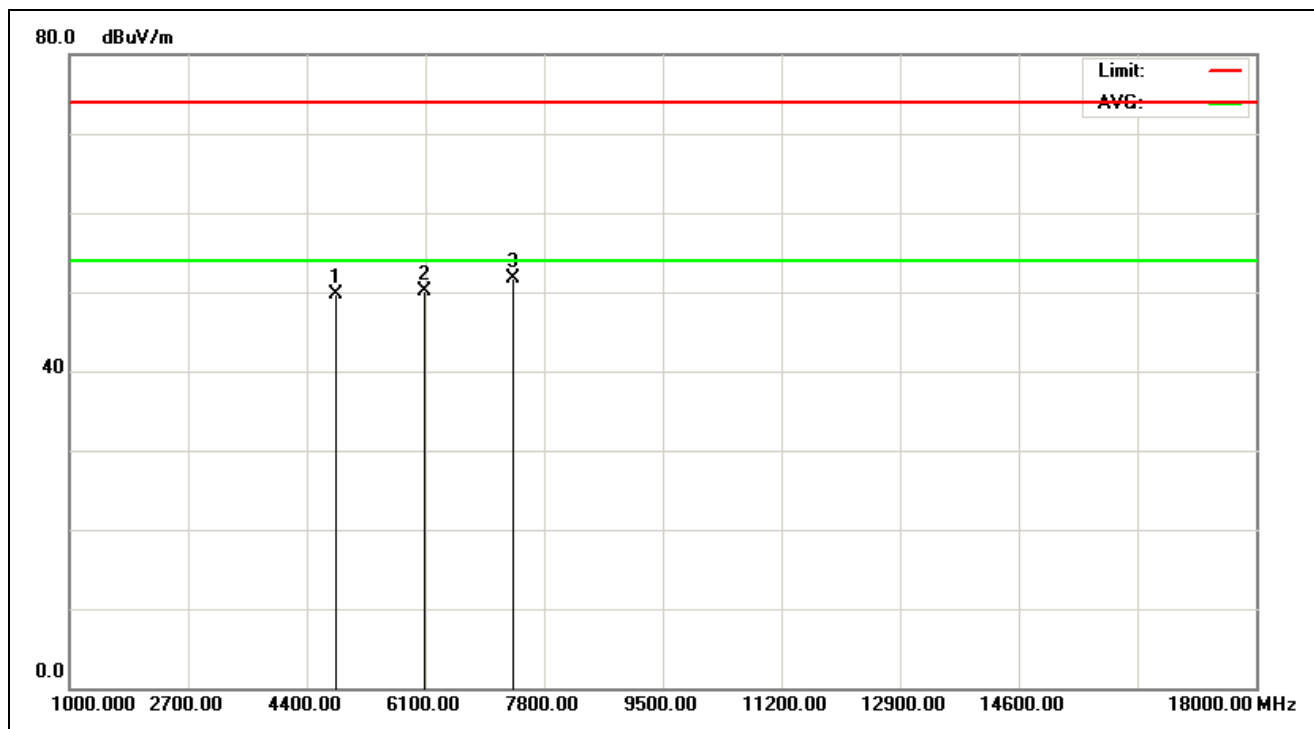
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Test item:	Radiation Emission	Test Time:	2014/1/9 14:45:39
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4160.256	-4.67	51.10	46.43	74.00	-27.57	peak	100	182	
2	4923.077	-2.28	50.89	48.61	74.00	-25.39	peak	100	89	
3	7293.269	5.69	45.80	51.49	74.00	-22.51	peak	100	54	



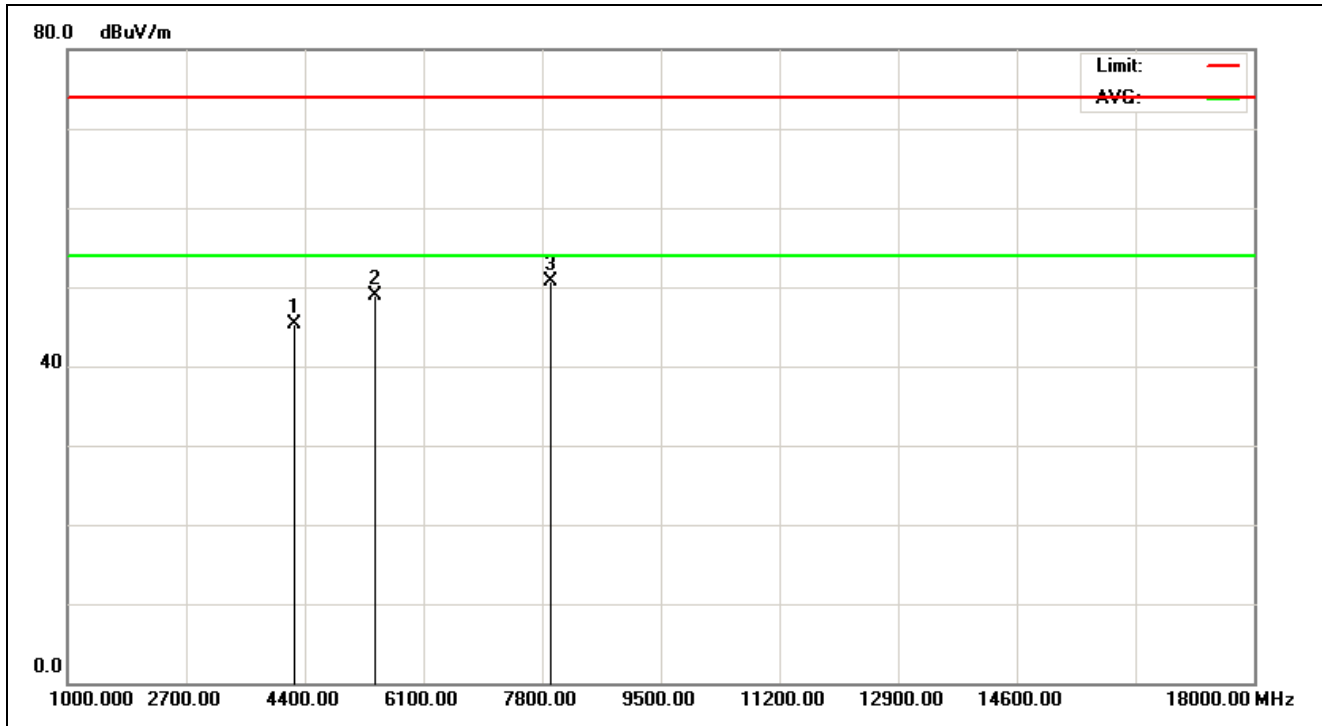
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Test item:	Radiation Emission	Test Time:	2014/1/9 14:47:40
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3697.115	-5.50	51.17	45.67	74.00	-28.33	peak	100	2	
2	6040.064	3.85	46.41	50.26	74.00	-23.74	peak	100	296	
3	7592.949	6.22	44.82	51.04	74.00	-22.96	peak	100	343	



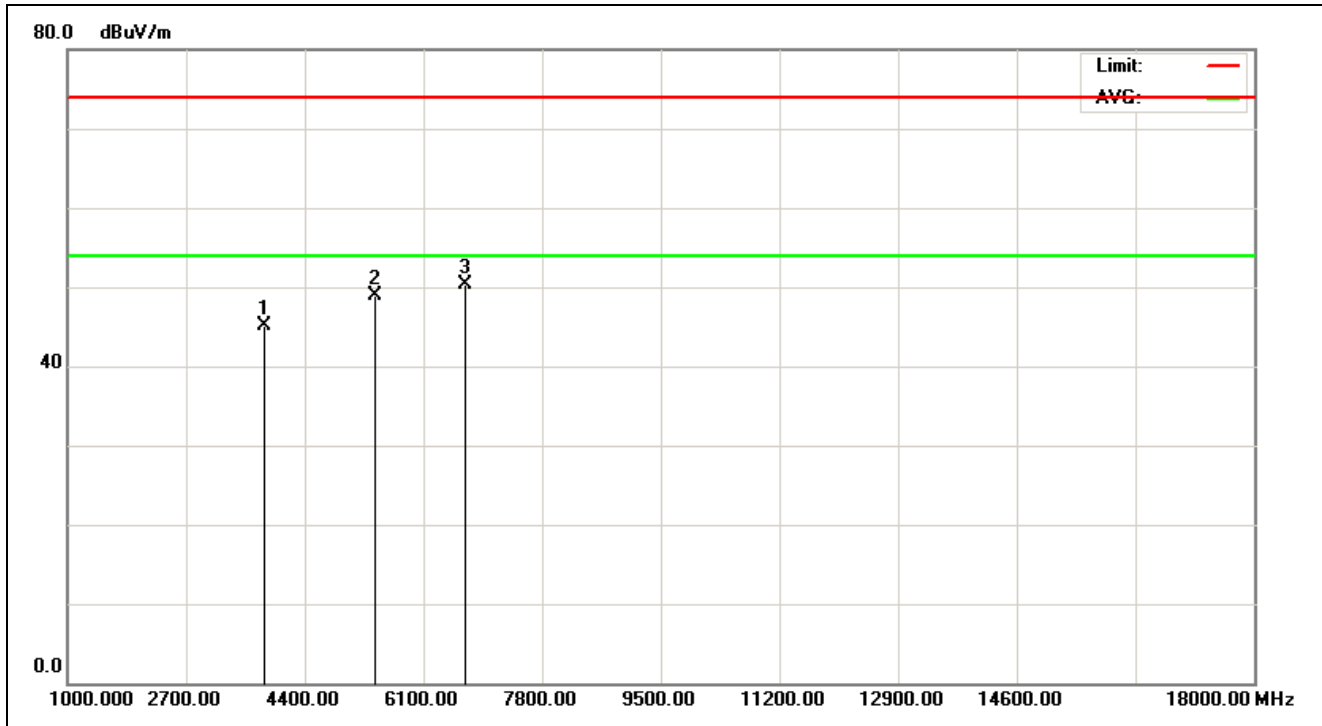
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Test item:	Radiation Emission	Test Time:	2014/1/9 14:48:43
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4814.103	-2.56	52.17	49.61	74.00	-24.39	peak	100	280	
2	6094.551	4.05	46.08	50.13	74.00	-23.87	peak	100	184	
3	7347.756	5.84	45.87	51.71	74.00	-22.29	peak	100	285	



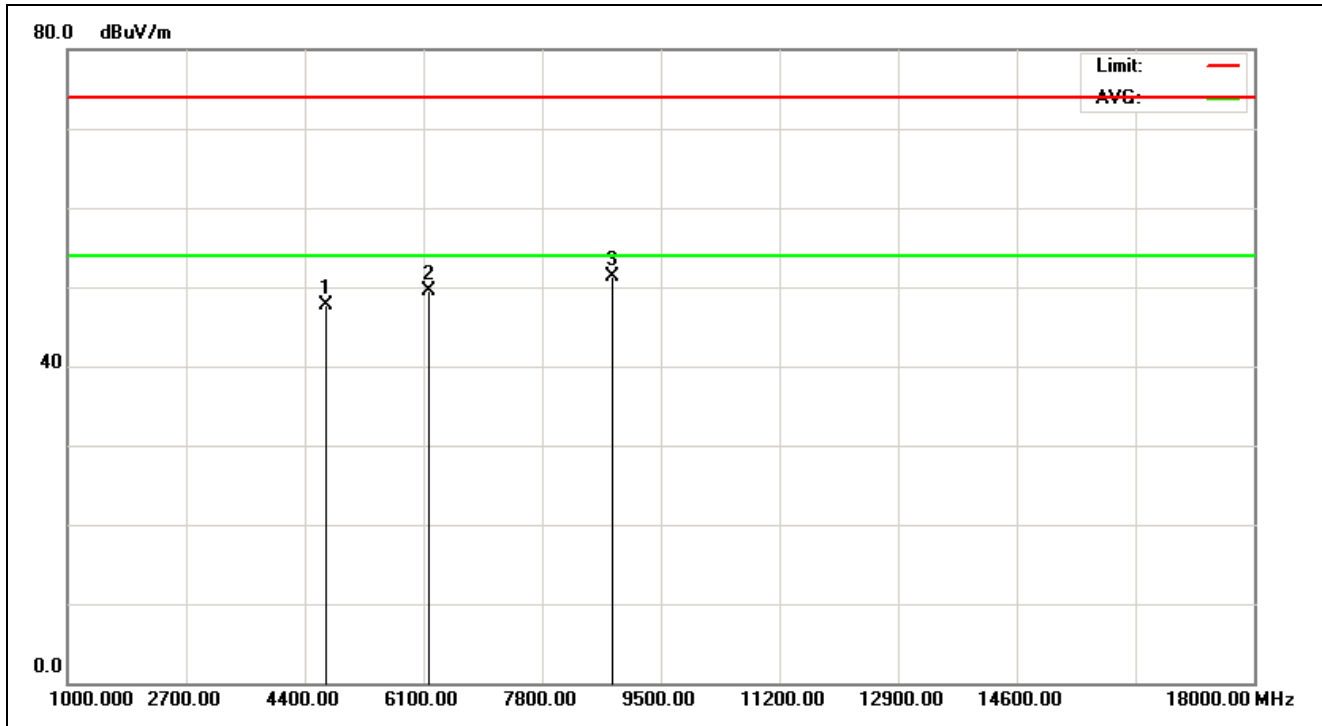
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Test item:	Radiation Emission	Test Time:	2014/1/9 14:50:36
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4241.987	-4.36	49.70	45.34	74.00	-28.66	peak	100	203	
2	5413.462	-0.09	49.08	48.99	74.00	-25.01	peak	100	14	
3	7919.872	6.05	44.67	50.72	74.00	-23.28	peak	100	277	



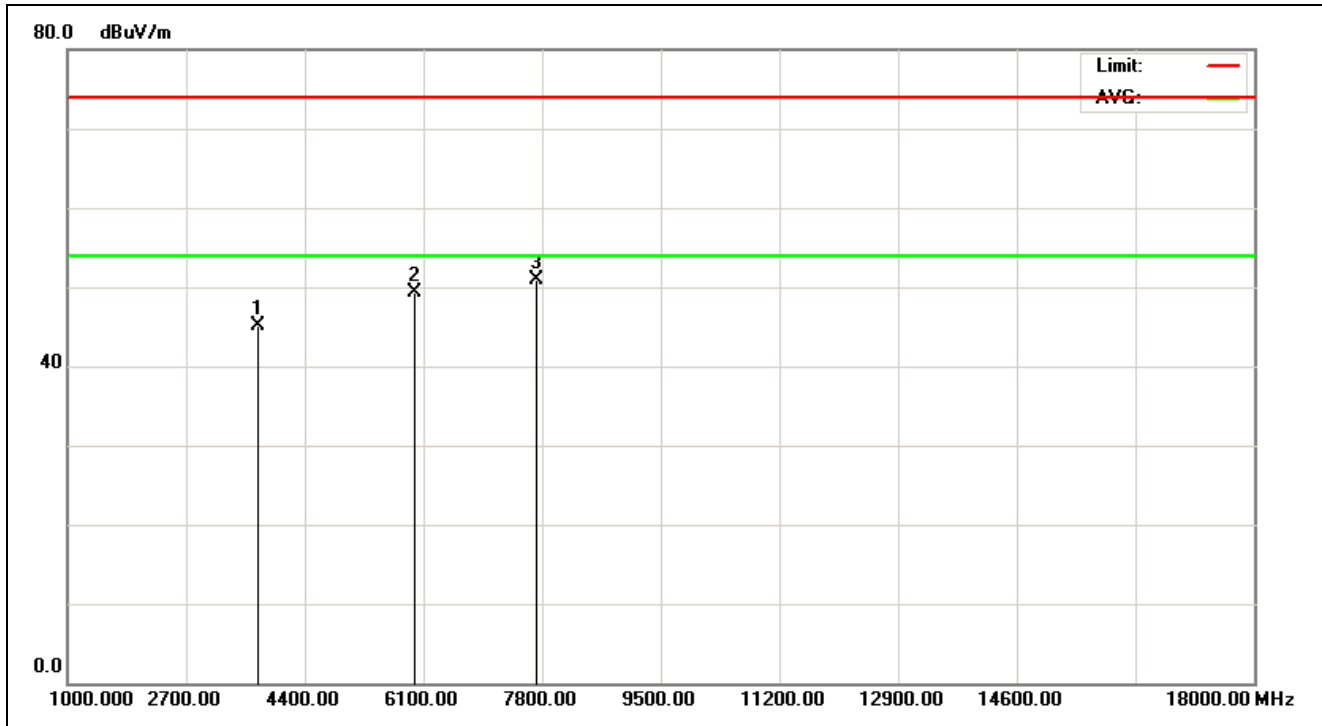
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 14:51:38
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3833.333	-5.41	50.56	45.15	74.00	-28.85	peak	100	341	
2	5413.462	-0.09	49.08	48.99	74.00	-25.01	peak	100	166	
3	6693.910	5.24	45.05	50.29	74.00	-23.71	peak	100	192	



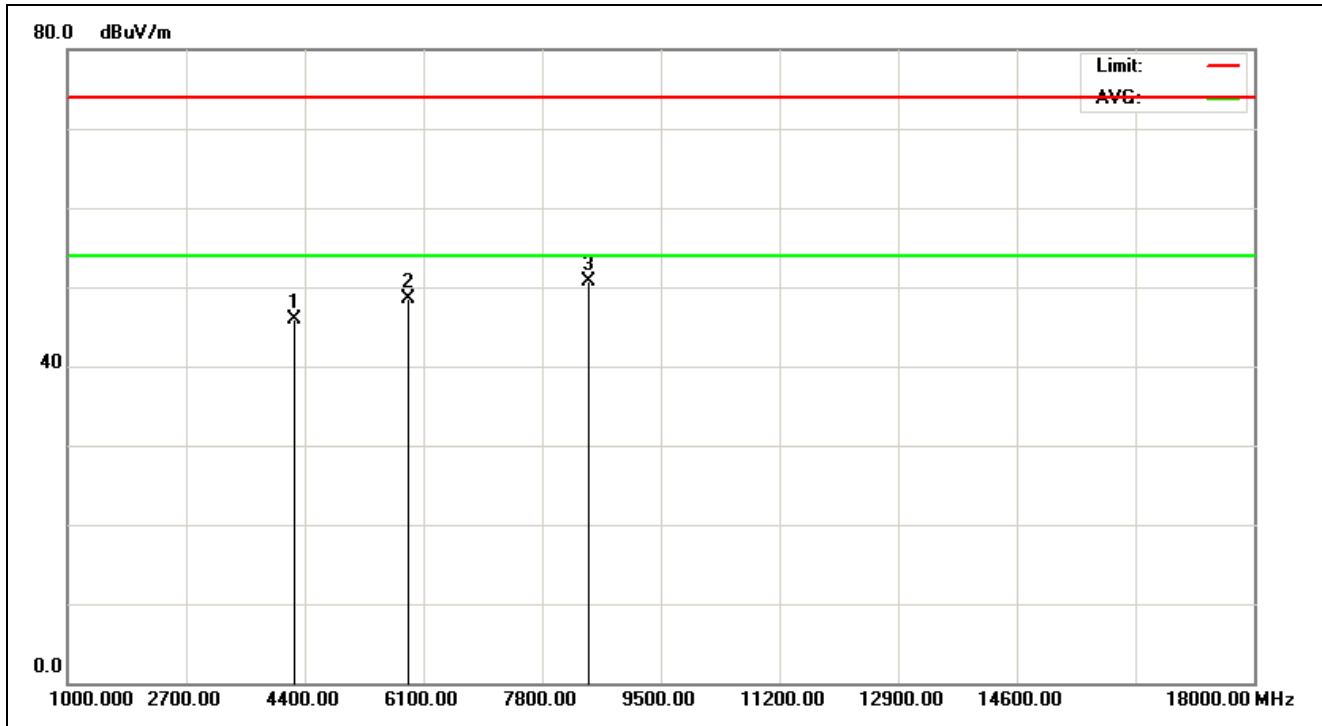
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 14:53:12
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4705.128	-2.84	50.64	47.80	74.00	-26.20	peak	100	285	
2	6176.282	4.33	45.27	49.60	74.00	-24.40	peak	100	32	
3	8818.910	6.72	44.55	51.27	74.00	-22.73	peak	100	189	



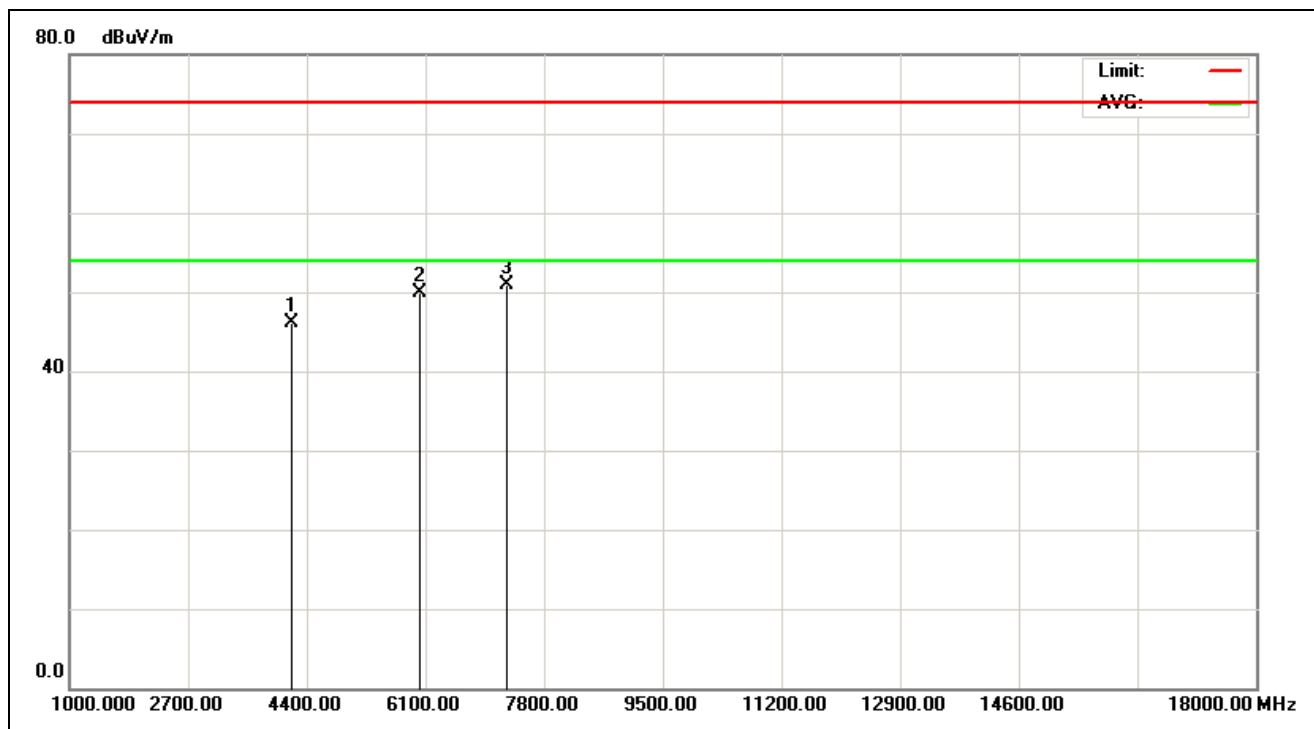
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Test item:	Radiation Emission	Test Time:	2014/1/9 14:54:14
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3724.359	-5.49	50.58	45.09	74.00	-28.91	peak	100	75	
2	5985.577	3.62	45.66	49.28	74.00	-24.72	peak	100	0	
3	7729.167	6.15	44.73	50.88	74.00	-23.12	peak	100	349	



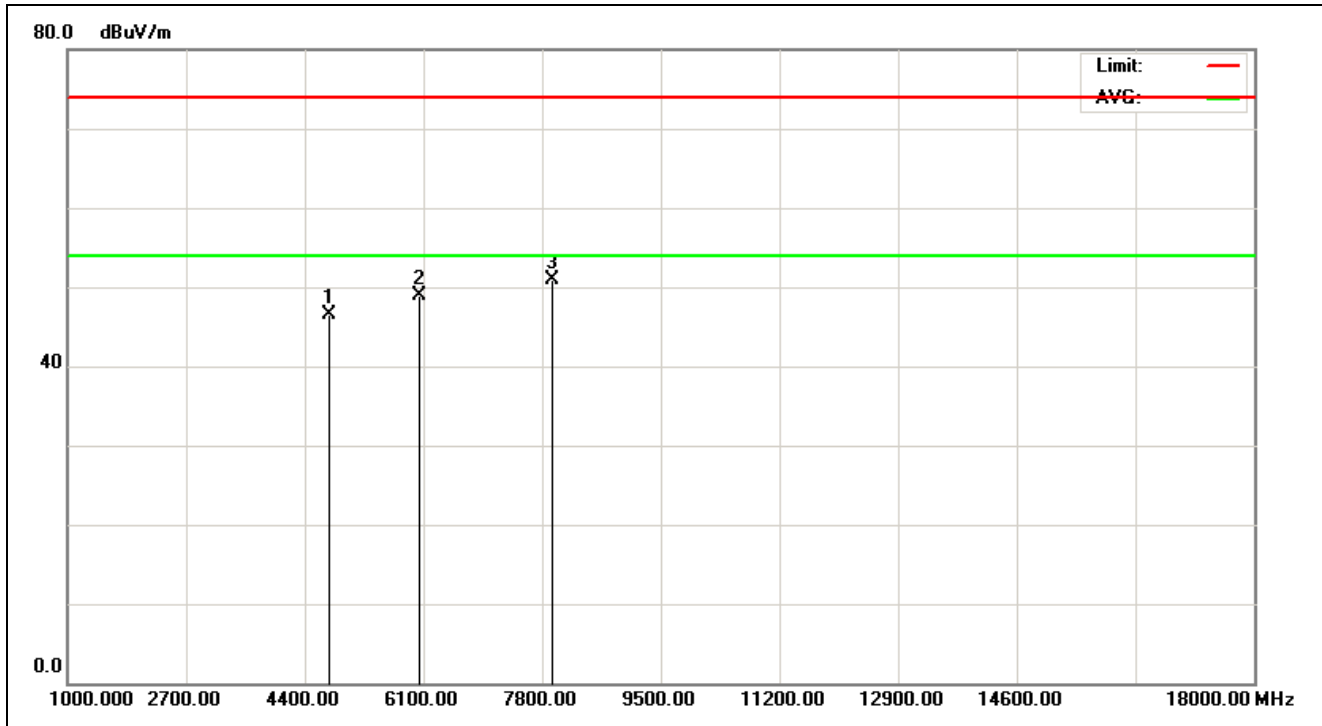
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 14:56:39
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4241.987	-4.36	50.26	45.90	74.00	-28.10	peak	100	346	
2	5876.603	2.88	45.60	48.48	74.00	-25.52	peak	100	150	
3	8464.744	6.41	44.34	50.75	74.00	-23.25	peak	100	341	



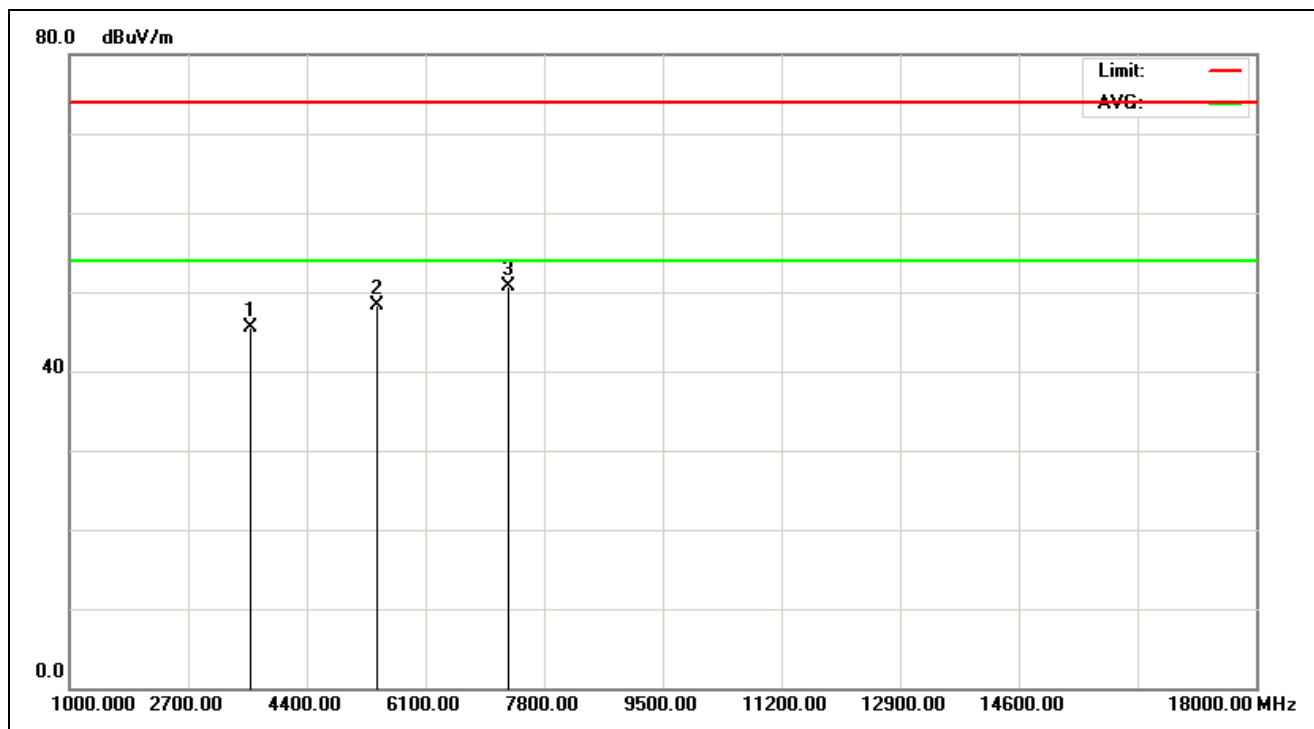
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 14:57:41
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4187.500	-4.57	50.58	46.01	74.00	-27.99	peak	100	355	
2	6012.821	3.75	46.20	49.95	74.00	-24.05	peak	100	293	
3	7266.026	5.61	45.32	50.93	74.00	-23.07	peak	100	134	



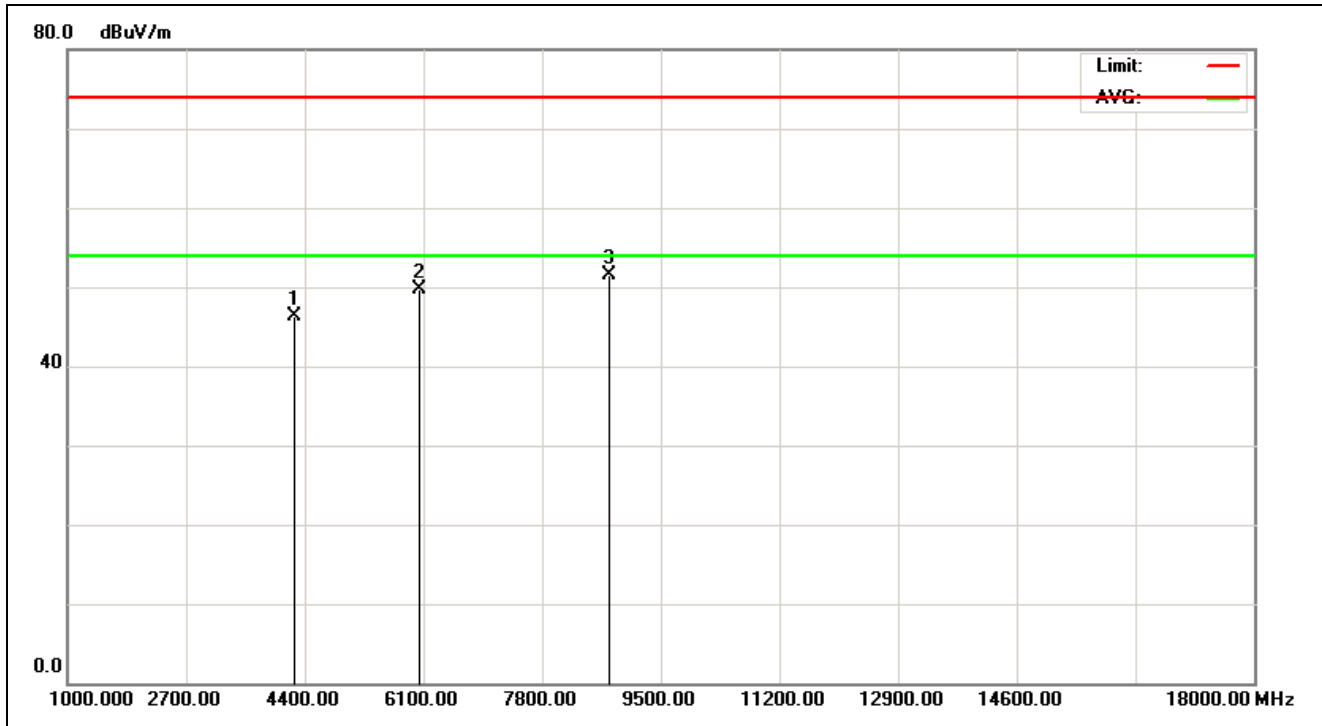
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 14:59:40
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4759.615	-2.70	49.14	46.44	74.00	-27.56	peak	100	123	
2	6040.064	3.85	45.05	48.90	74.00	-25.10	peak	100	115	
3	7947.115	6.04	44.79	50.83	74.00	-23.17	peak	100	360	



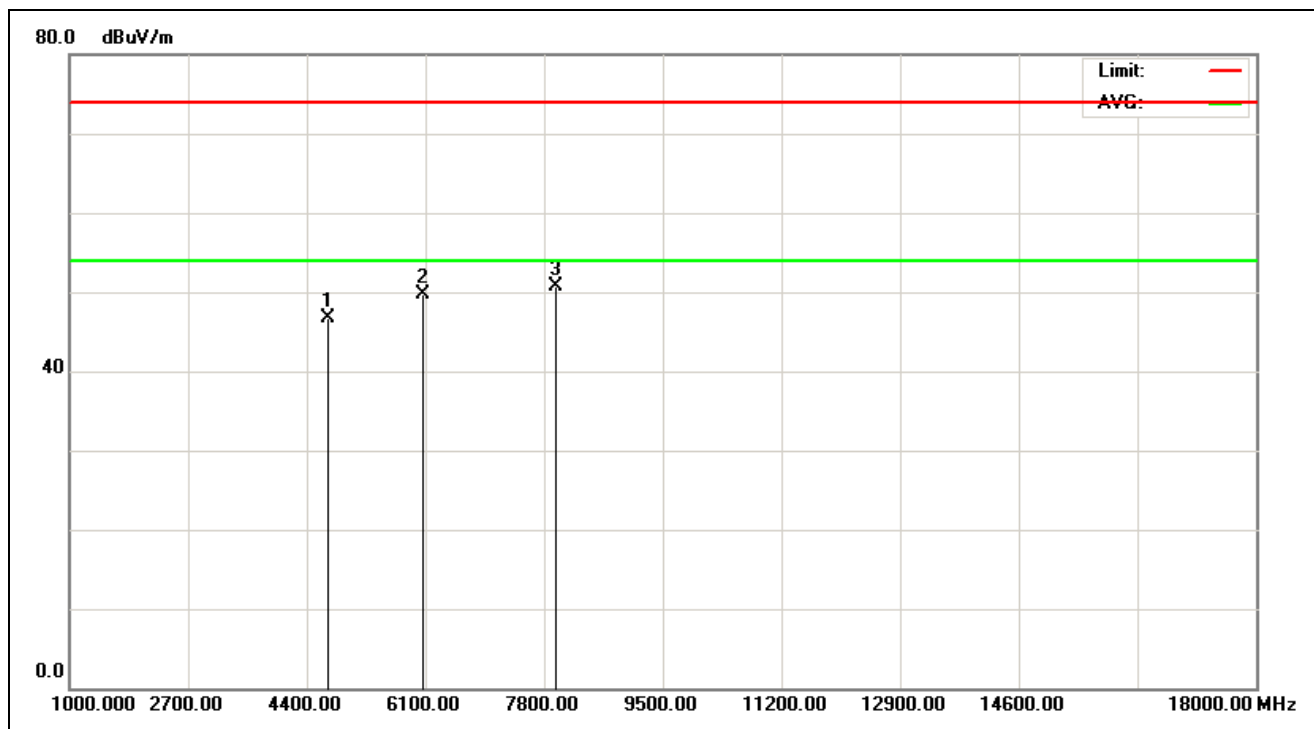
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:00:43
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3588.141	-5.57	51.16	45.59	74.00	-28.41	peak	100	331	
2	5413.462	-0.09	48.30	48.21	74.00	-25.79	peak	100	171	
3	7293.269	5.69	45.04	50.73	74.00	-23.27	peak	100	33	



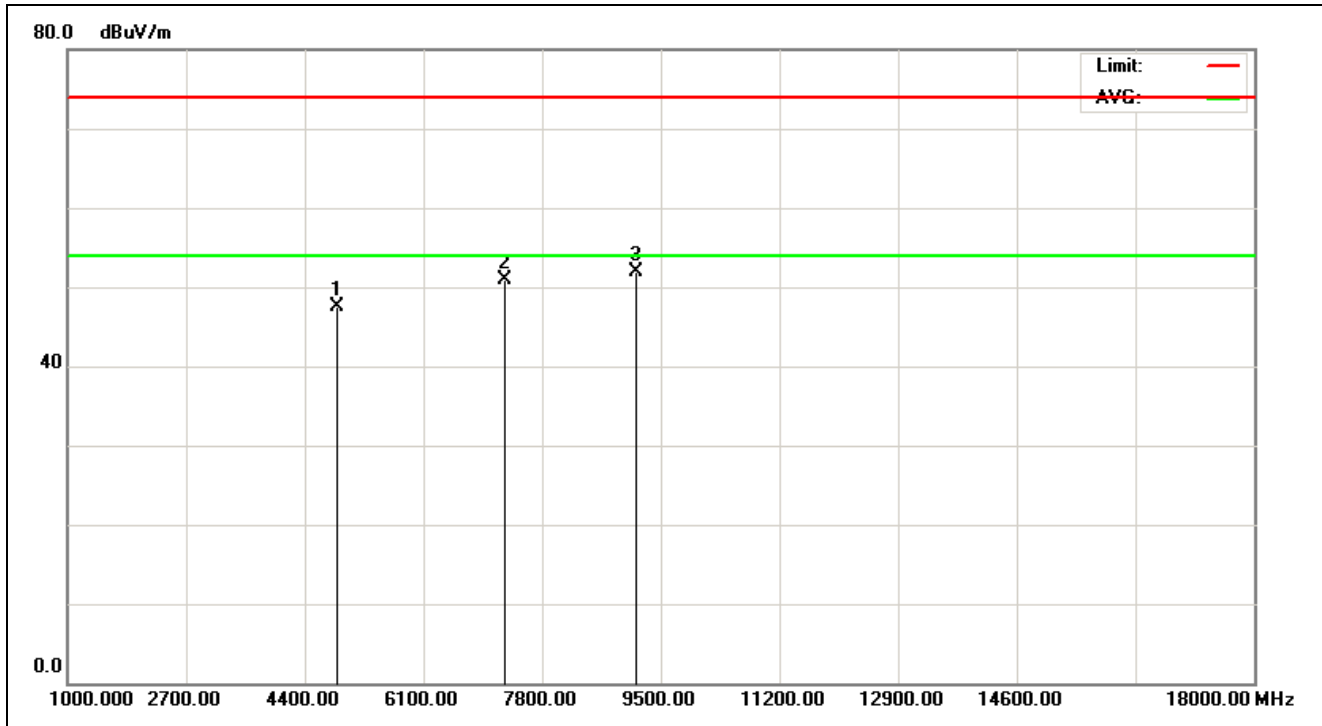
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:02:22
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4241.987	-4.36	50.71	46.35	74.00	-27.65	peak	100	70	
2	6040.064	3.85	45.77	49.62	74.00	-24.38	peak	100	197	
3	8764.423	6.67	44.81	51.48	74.00	-22.52	peak	100	83	



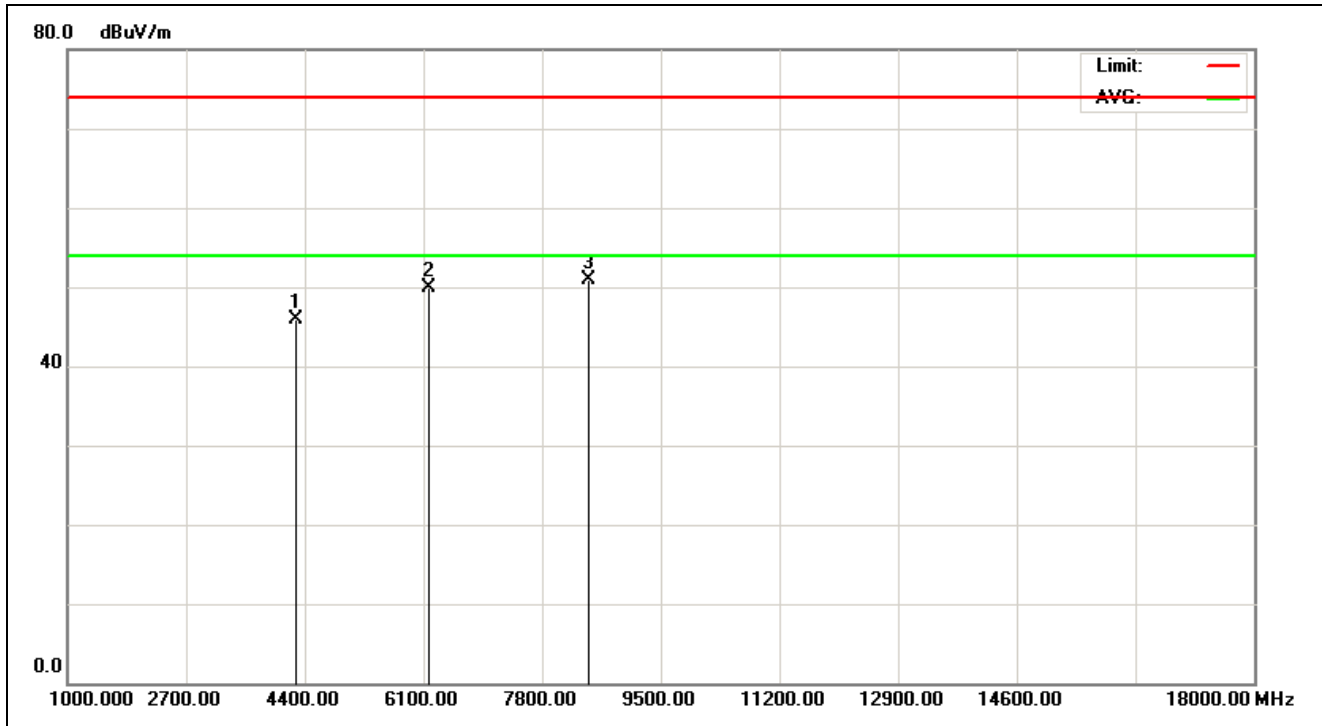
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:03:24
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4705.128	-2.84	49.62	46.78	74.00	-27.22	peak	100	349	
2	6067.308	3.94	45.67	49.61	74.00	-24.39	peak	100	30	
3	7974.359	6.02	44.65	50.67	74.00	-23.33	peak	100	205	



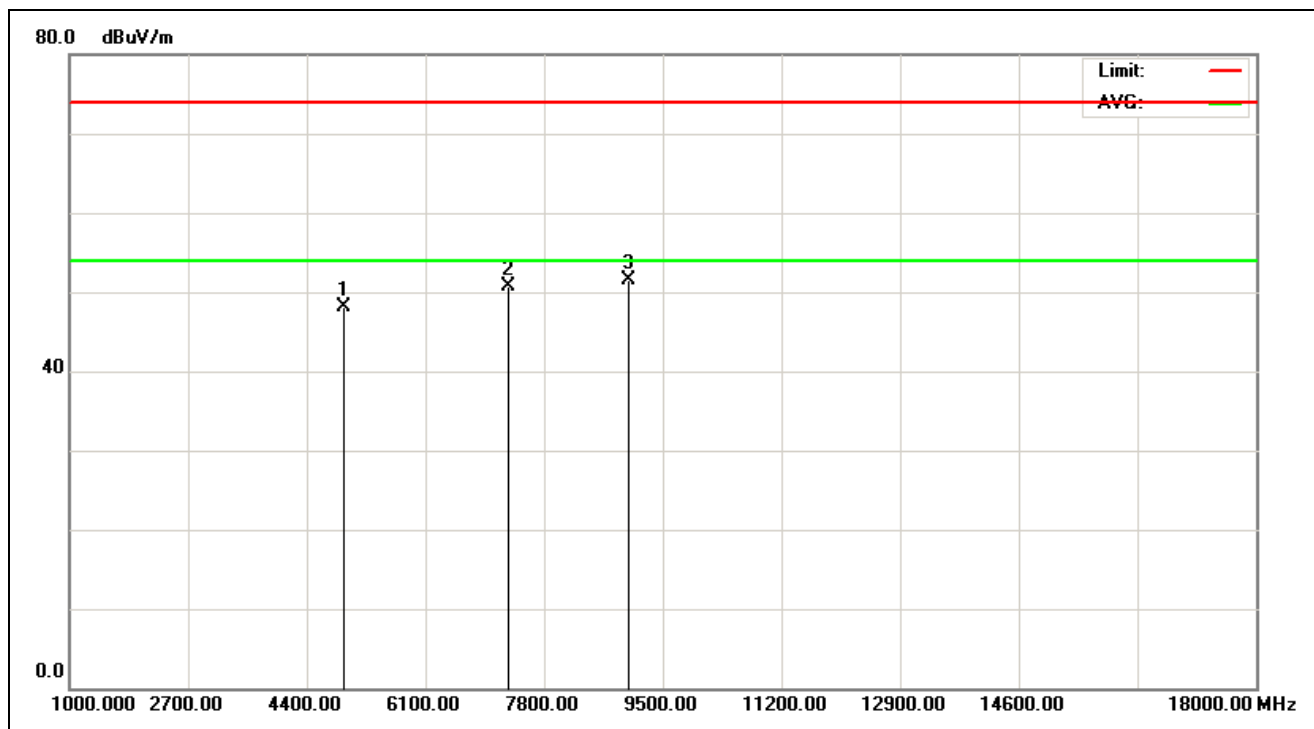
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:05:46
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2422		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4868.590	-2.42	49.94	47.52	74.00	-26.48	peak	100	360	
2	7266.026	5.61	45.36	50.97	74.00	-23.03	peak	100	243	
3	9145.833	6.76	45.11	51.87	74.00	-22.13	peak	100	134	



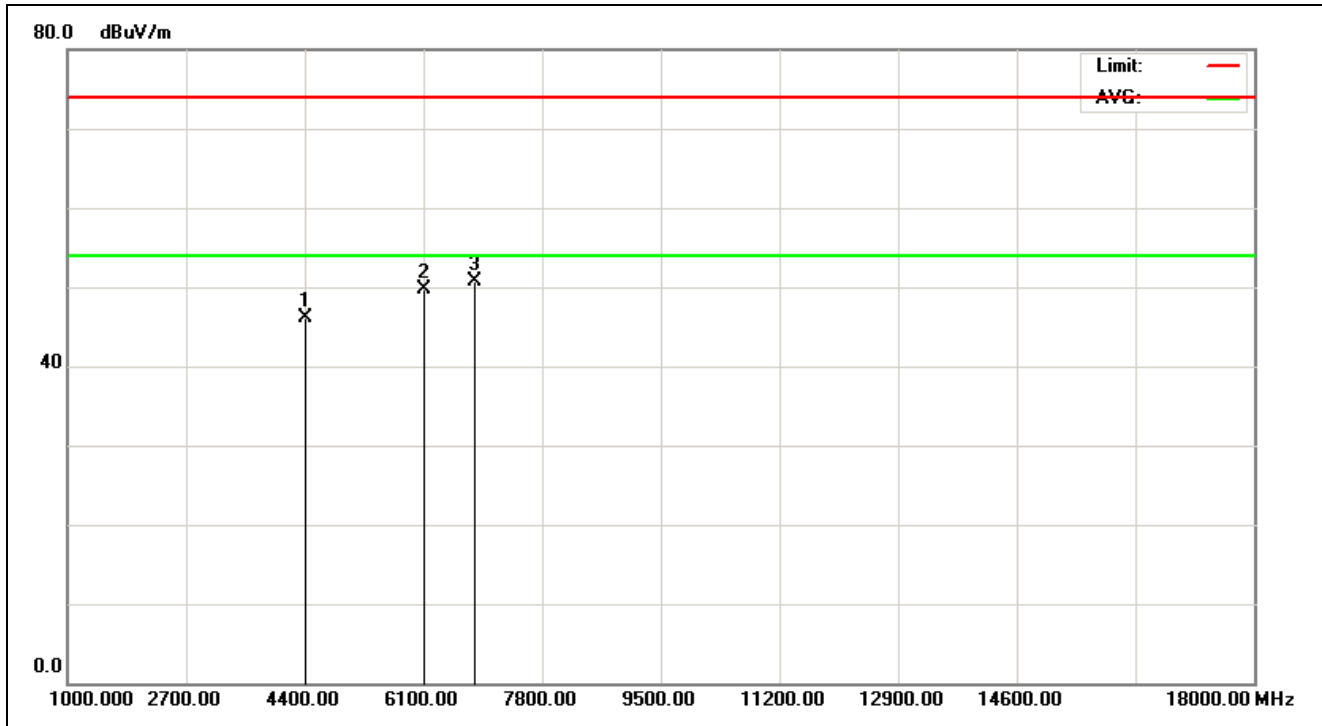
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:06:49
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2422		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4269.231	-4.26	50.07	45.81	74.00	-28.19	peak	100	189	
2	6176.282	4.33	45.64	49.97	74.00	-24.03	peak	100	75	
3	8464.744	6.41	44.43	50.84	74.00	-23.16	peak	100	75	



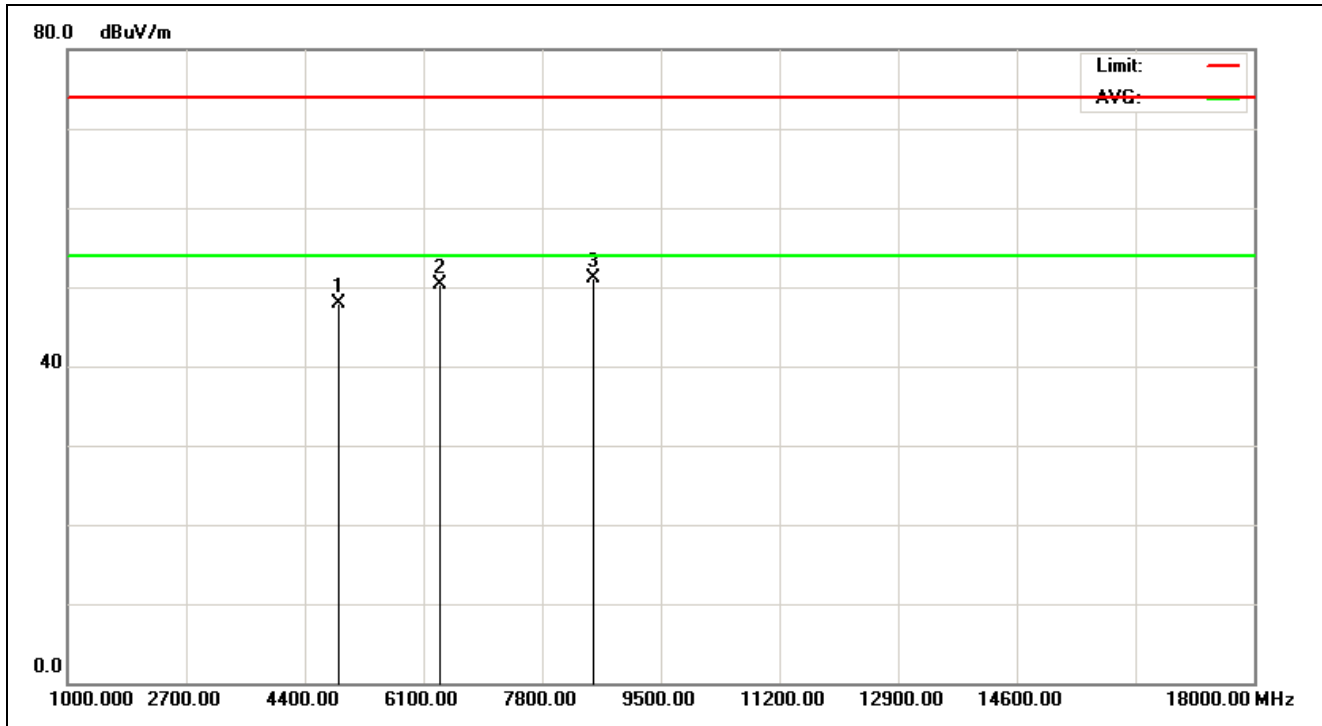
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:09:18
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4923.077	-2.28	50.33	48.05	74.00	-25.95	peak	100	147	
2	7293.269	5.69	44.99	50.68	74.00	-23.32	peak	100	333	
3	9009.615	6.87	44.63	51.50	74.00	-22.50	peak	100	19	



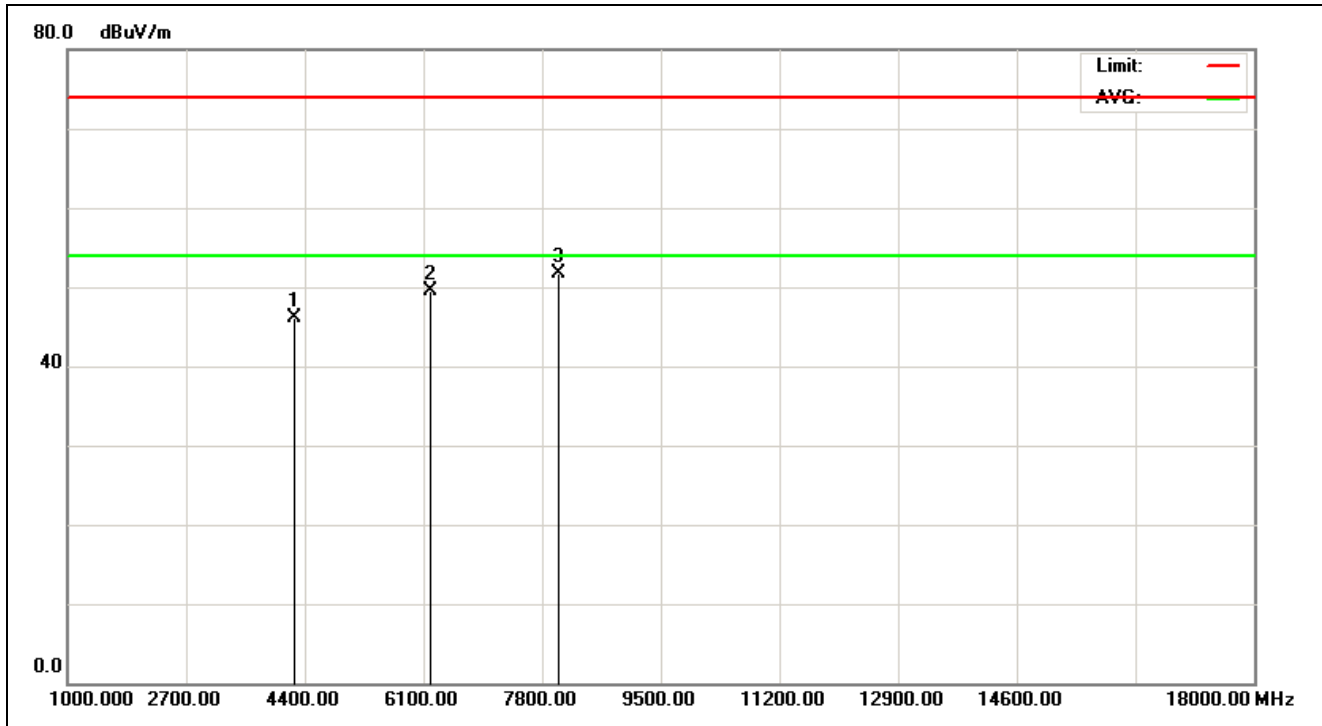
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:10:21
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4405.449	-3.73	49.78	46.05	74.00	-27.95	peak	100	295	
2	6121.795	4.13	45.59	49.72	74.00	-24.28	peak	100	0	
3	6830.128	5.07	45.73	50.80	74.00	-23.20	peak	100	38	



Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:11:59
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2452		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4895.833	-2.34	50.16	47.82	74.00	-26.18	peak	100	134	
2	6339.744	4.90	45.50	50.40	74.00	-23.60	peak	100	214	
3	8546.474	6.48	44.71	51.19	74.00	-22.81	peak	100	261	



Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:13:01
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2452		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4241.987	-4.36	50.50	46.14	74.00	-27.86	peak	100	232	
2	6203.526	4.42	45.16	49.58	74.00	-24.42	peak	100	267	
3	8028.846	6.04	45.74	51.78	74.00	-22.22	peak	100	0	

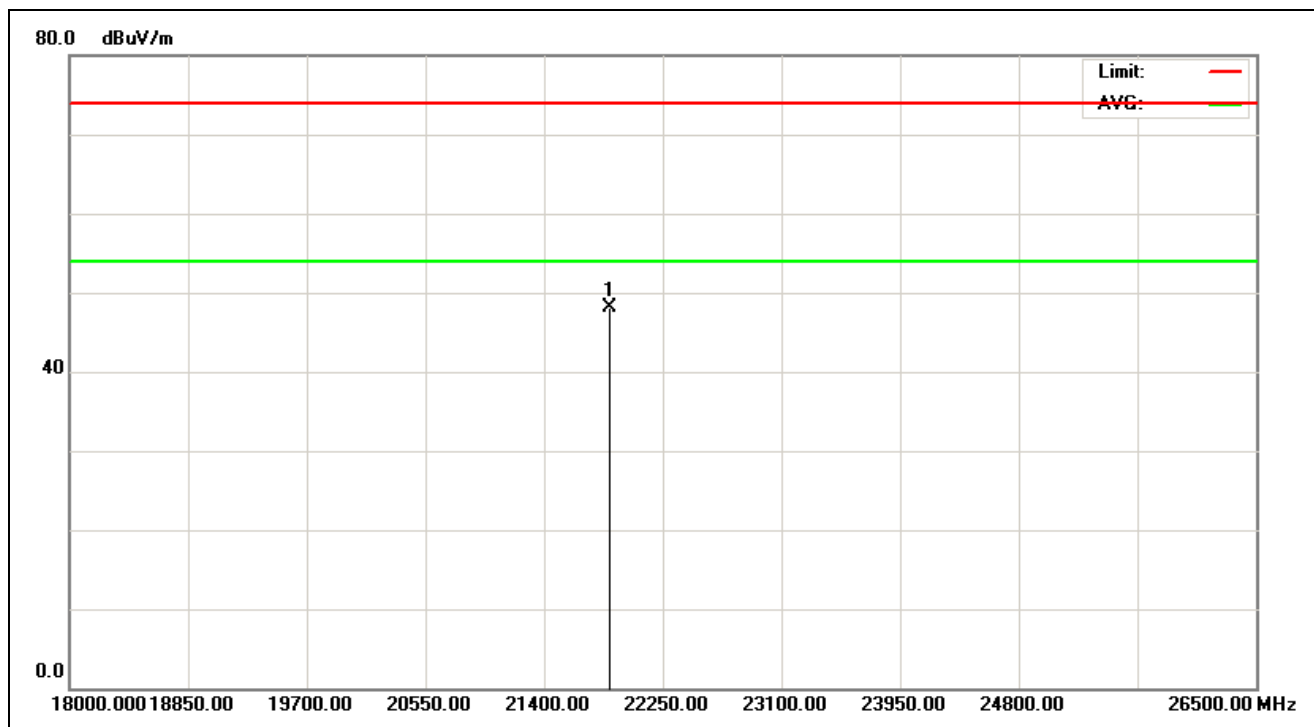
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

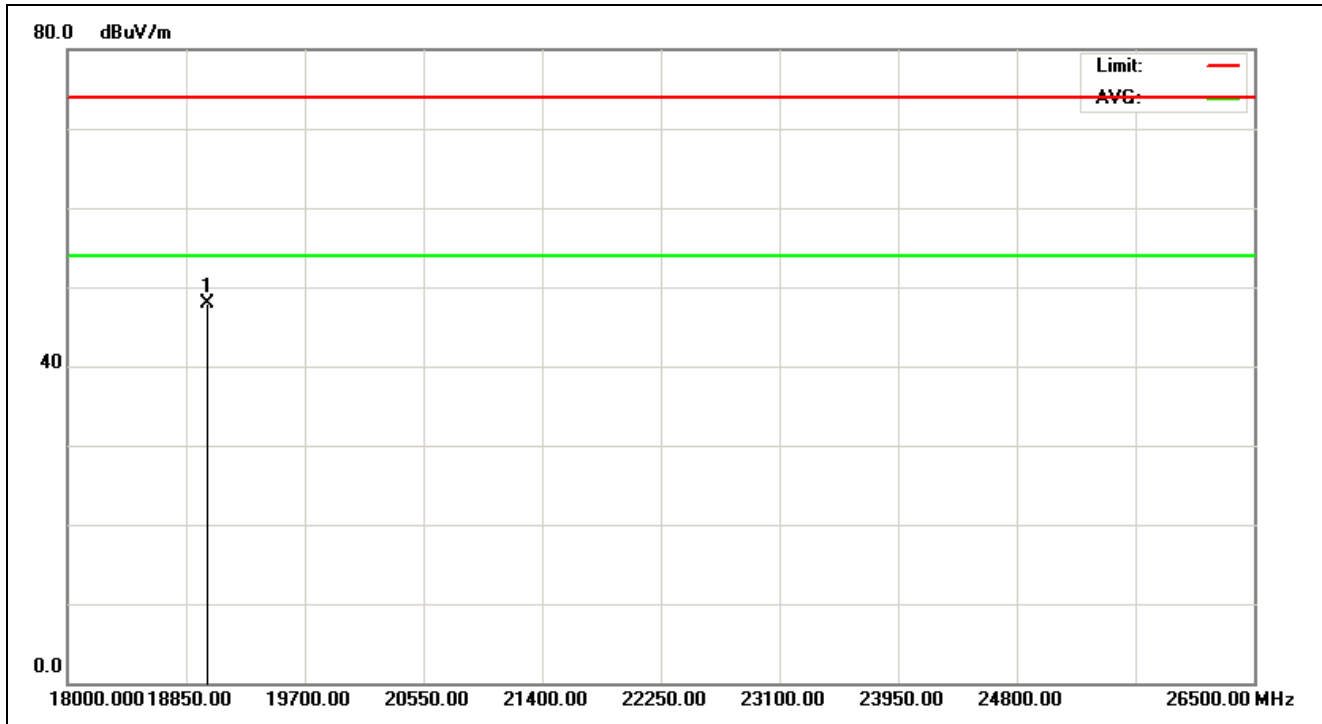
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



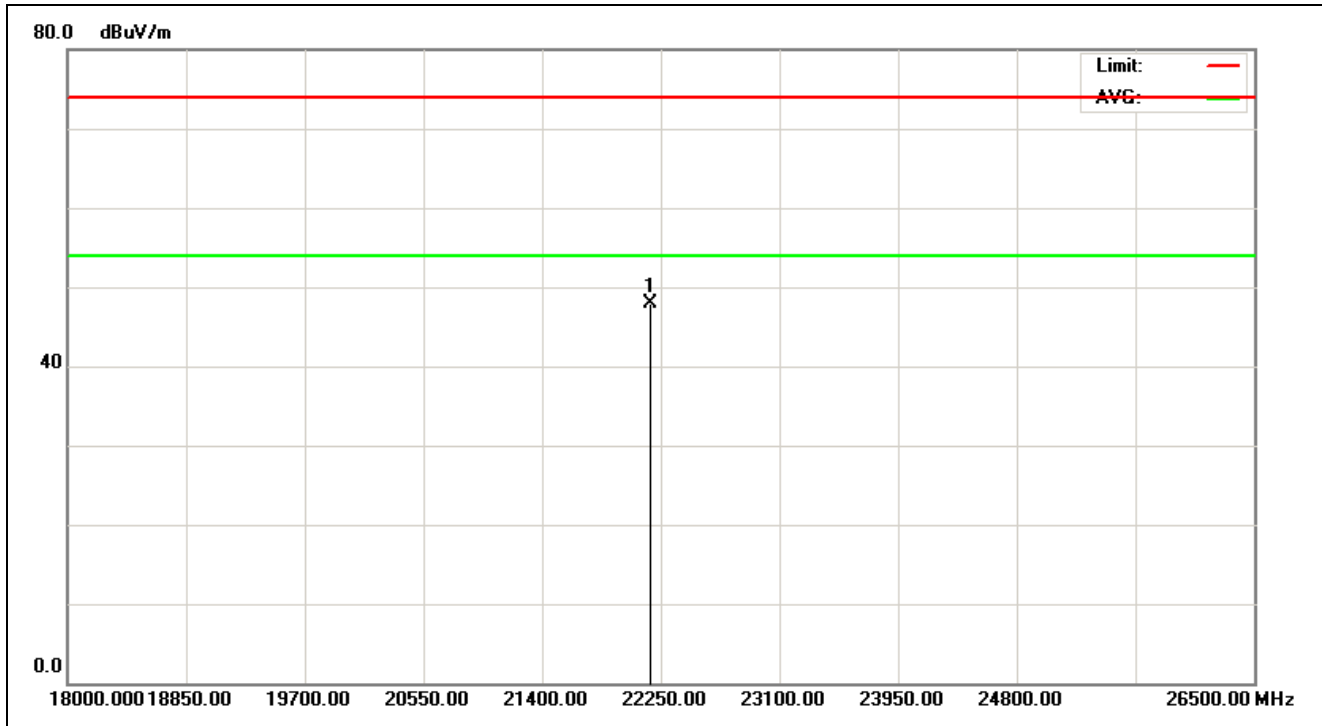
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:28:02
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21868.590	29.41	18.67	48.08	74.00	-25.92	peak			



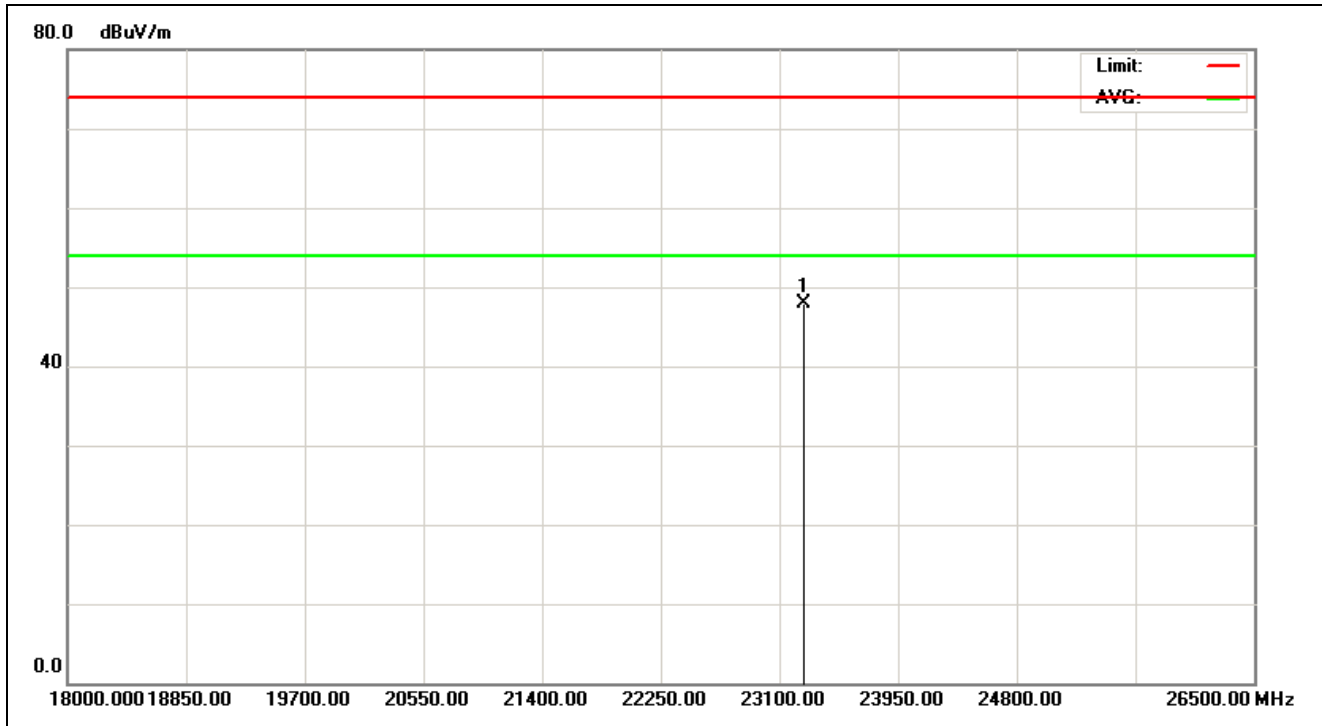
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:29:09
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19008.013	29.96	17.95	47.91	74.00	-26.09	peak			



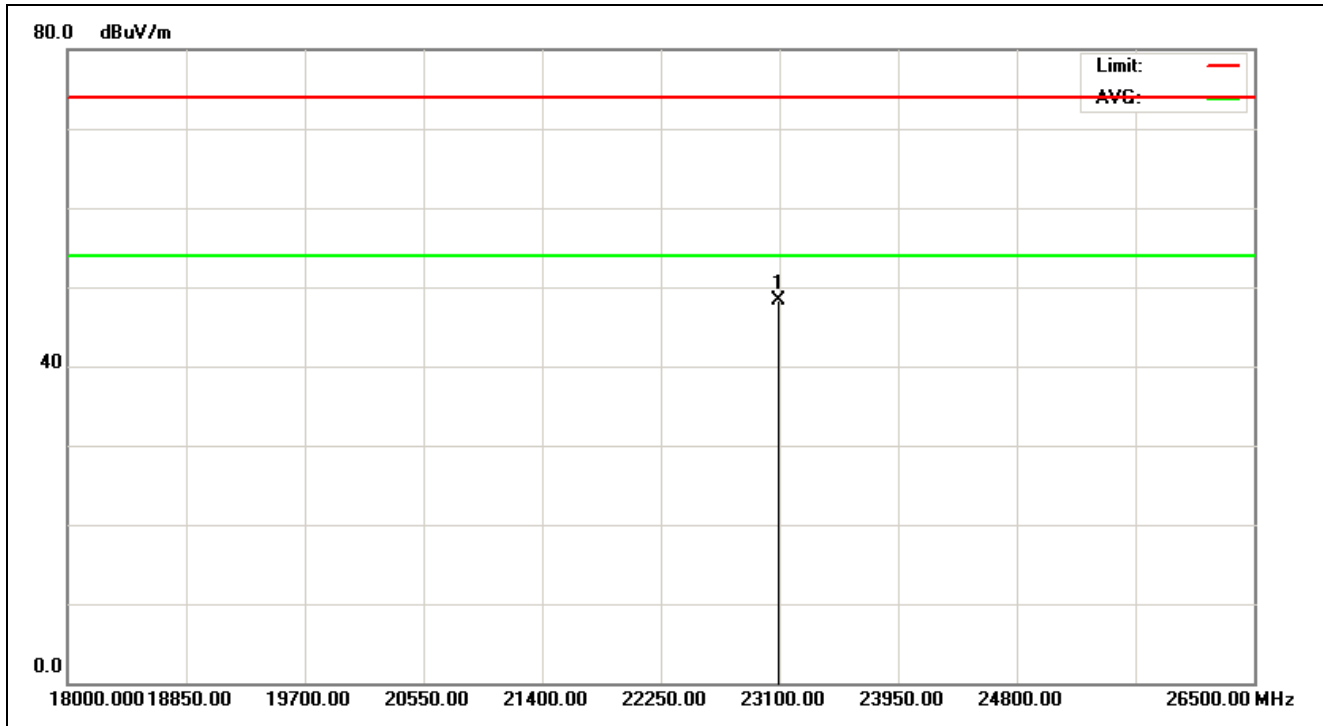
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:29:39
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22181.891	29.25	18.62	47.87	74.00	-26.13	peak			



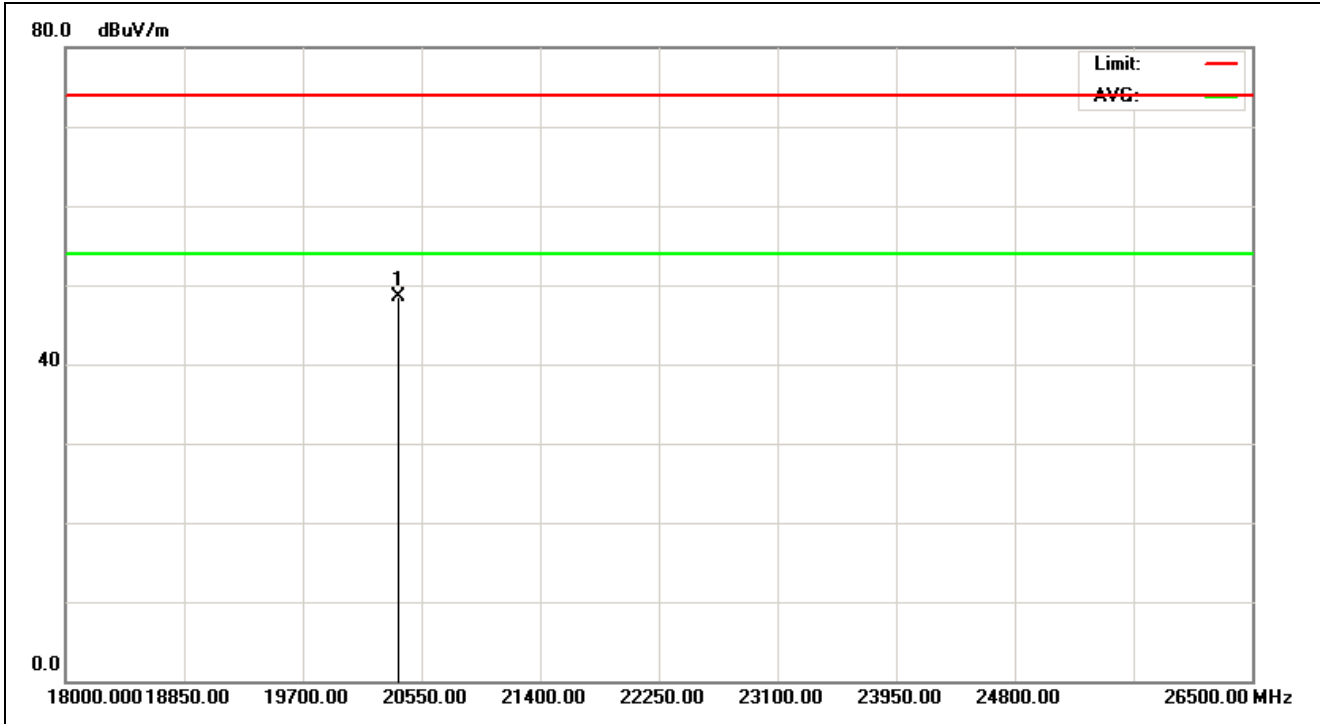
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:30:03
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23271.635	30.19	17.80	47.99	74.00	-26.01	peak			



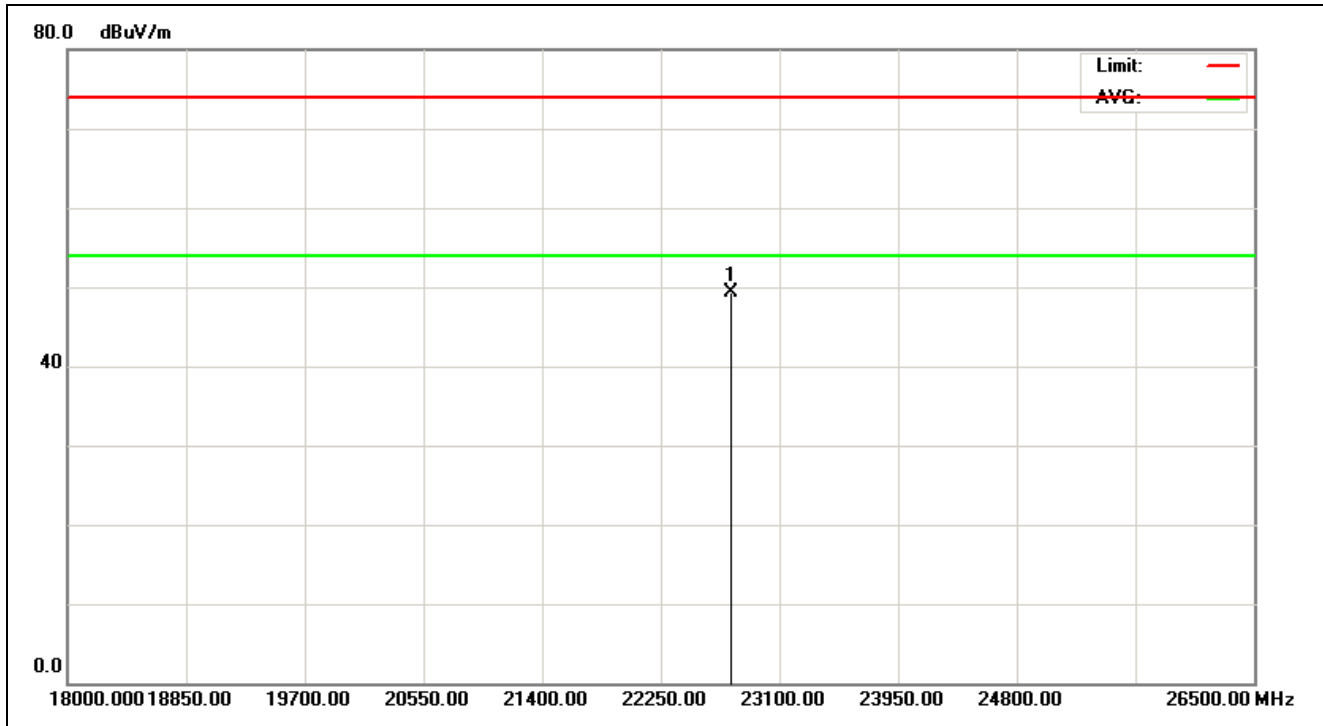
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:30:36
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%)	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23094.551	30.24	18.08	48.32	74.00	-25.68	peak			



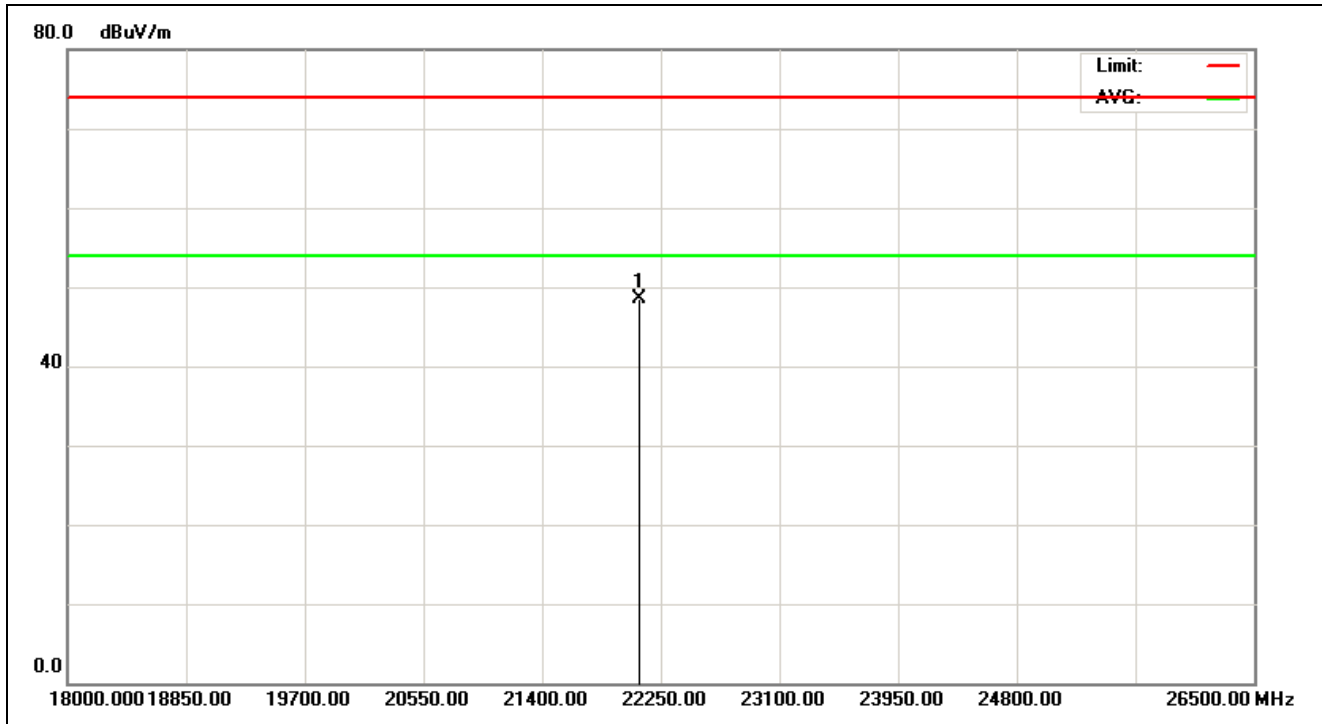
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:31:02
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	B-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20383.814	29.51	19.03	48.54	74.00	-25.46	peak			



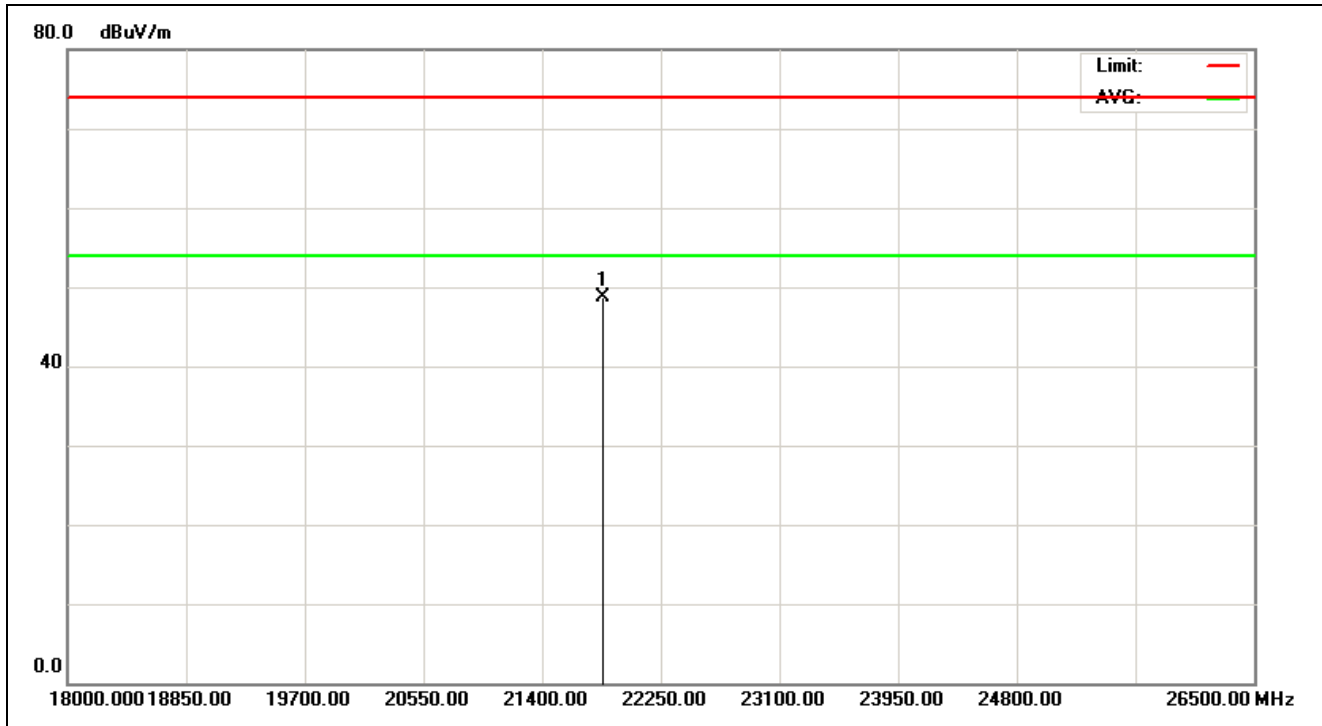
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:31:33
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22754.006	29.64	19.58	49.22	74.00	-24.78	peak			



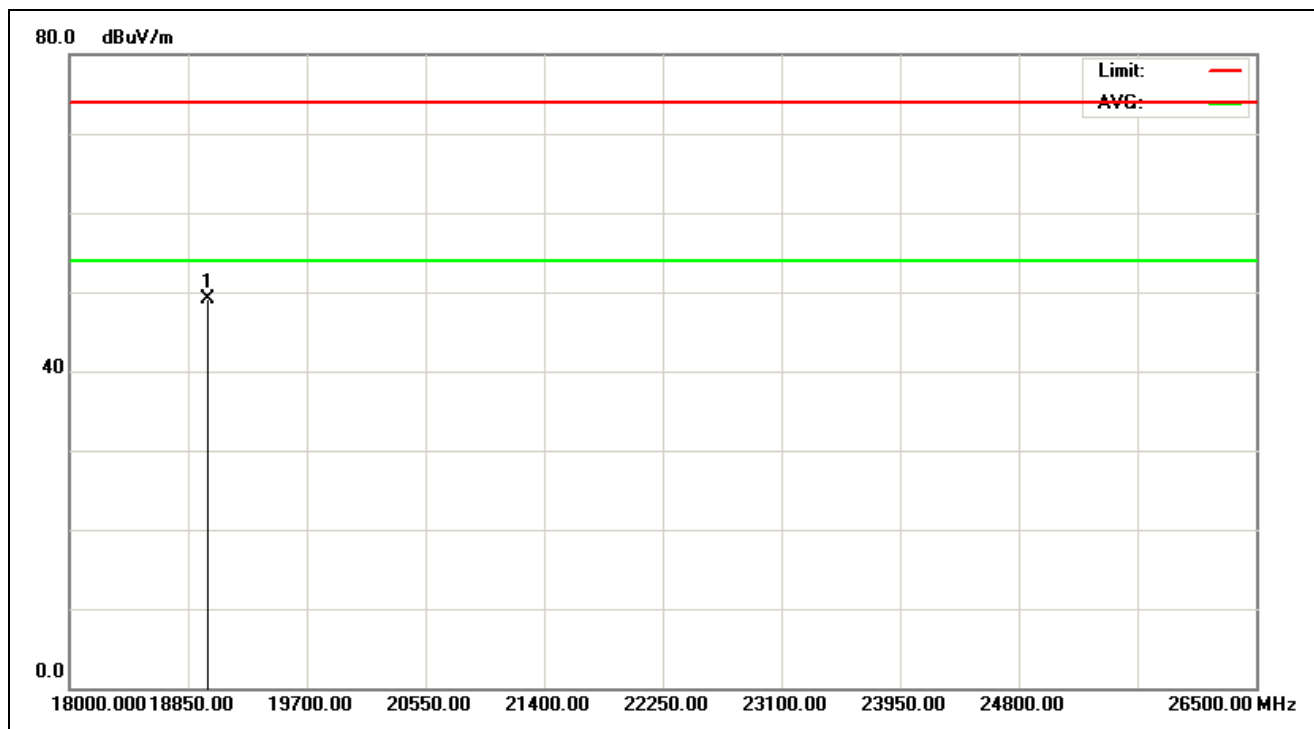
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:32:18
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22100.160	29.32	19.09	48.41	74.00	-25.59	peak			



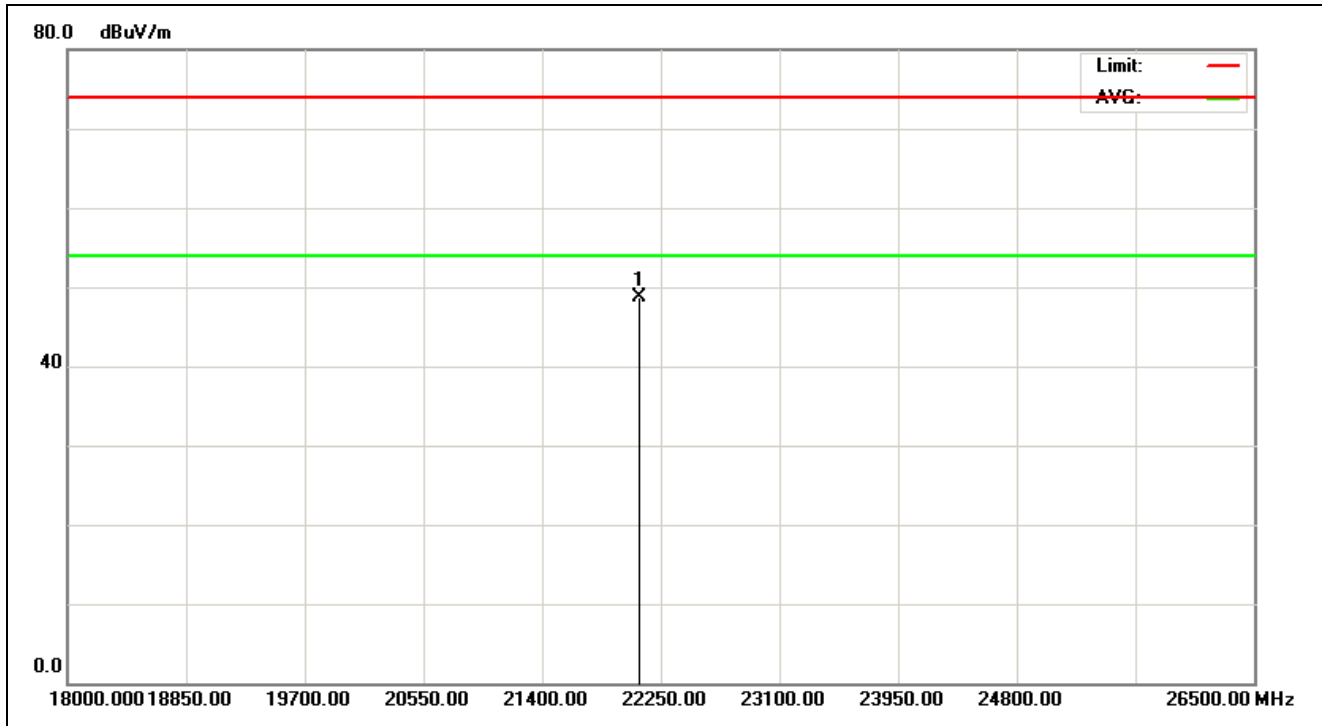
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:34:51
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21841.346	29.42	19.25	48.67	74.00	-25.33	peak			



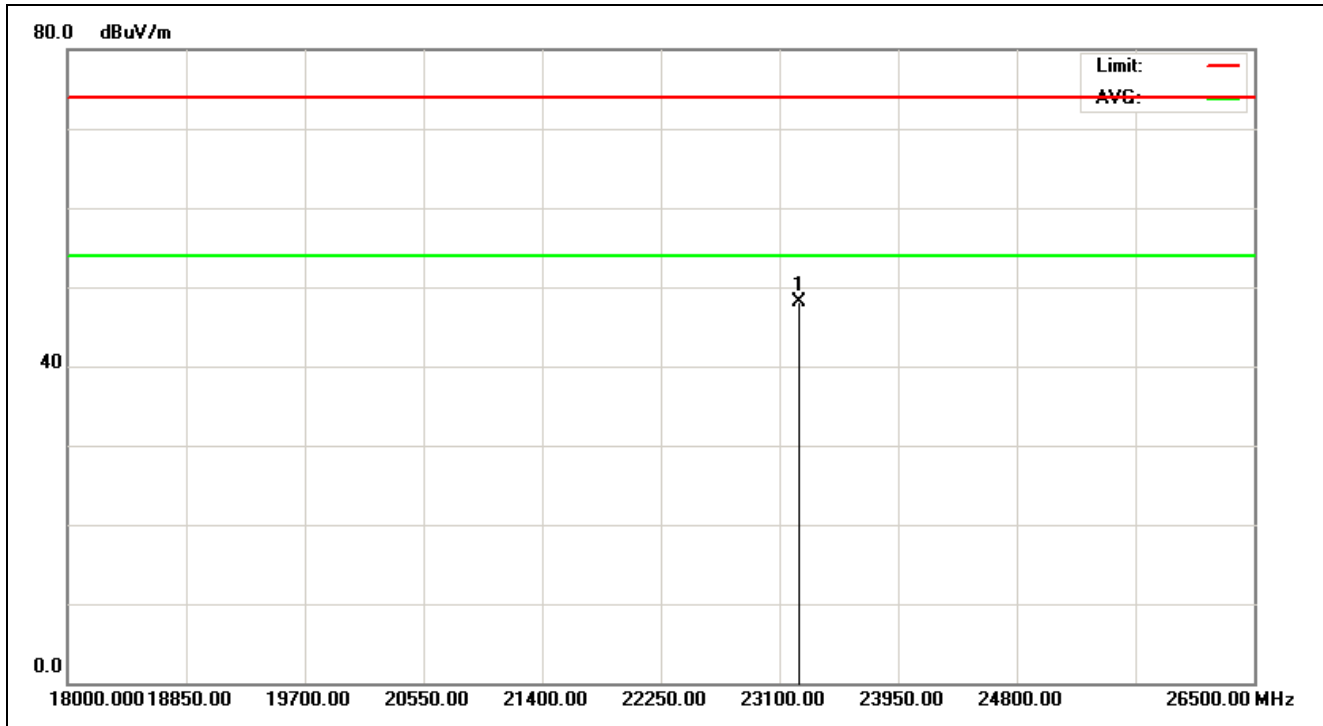
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:35:24
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18994.391	29.96	19.15	49.11	74.00	-24.89	peak			



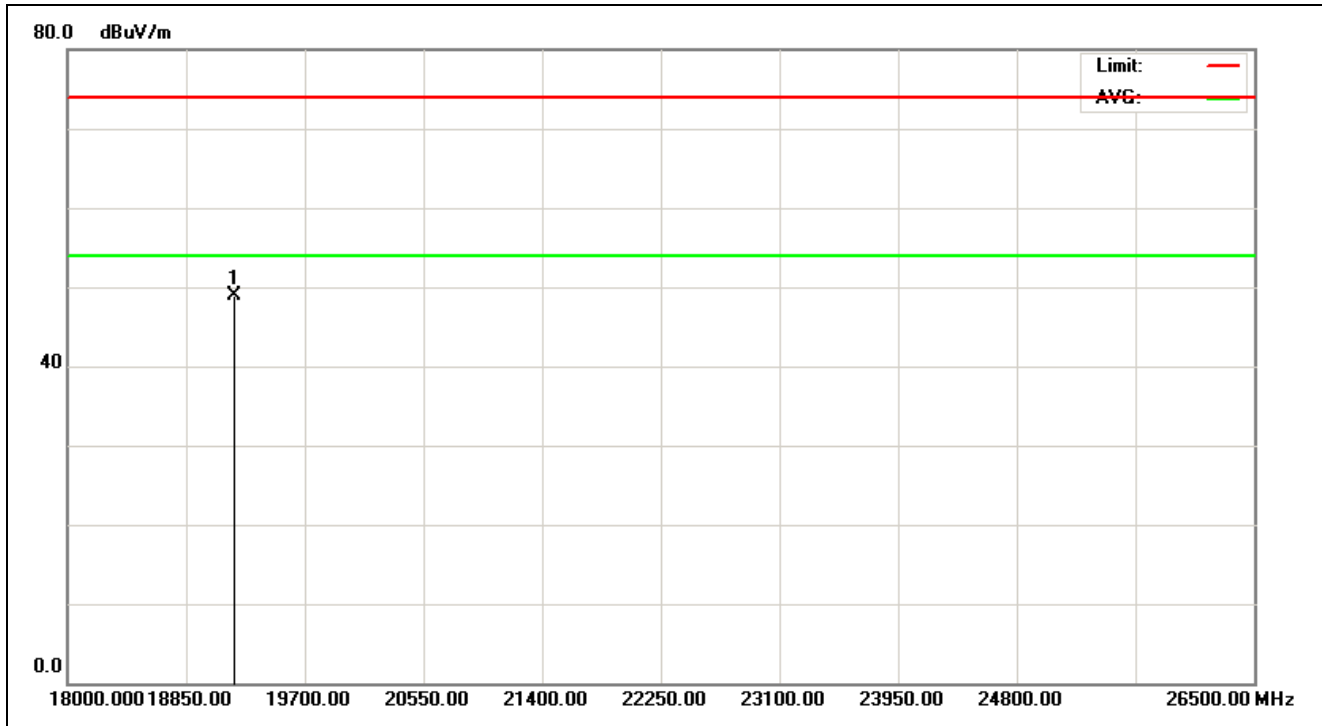
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:36:02
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22100.160	29.32	19.32	48.64	74.00	-25.36	peak			



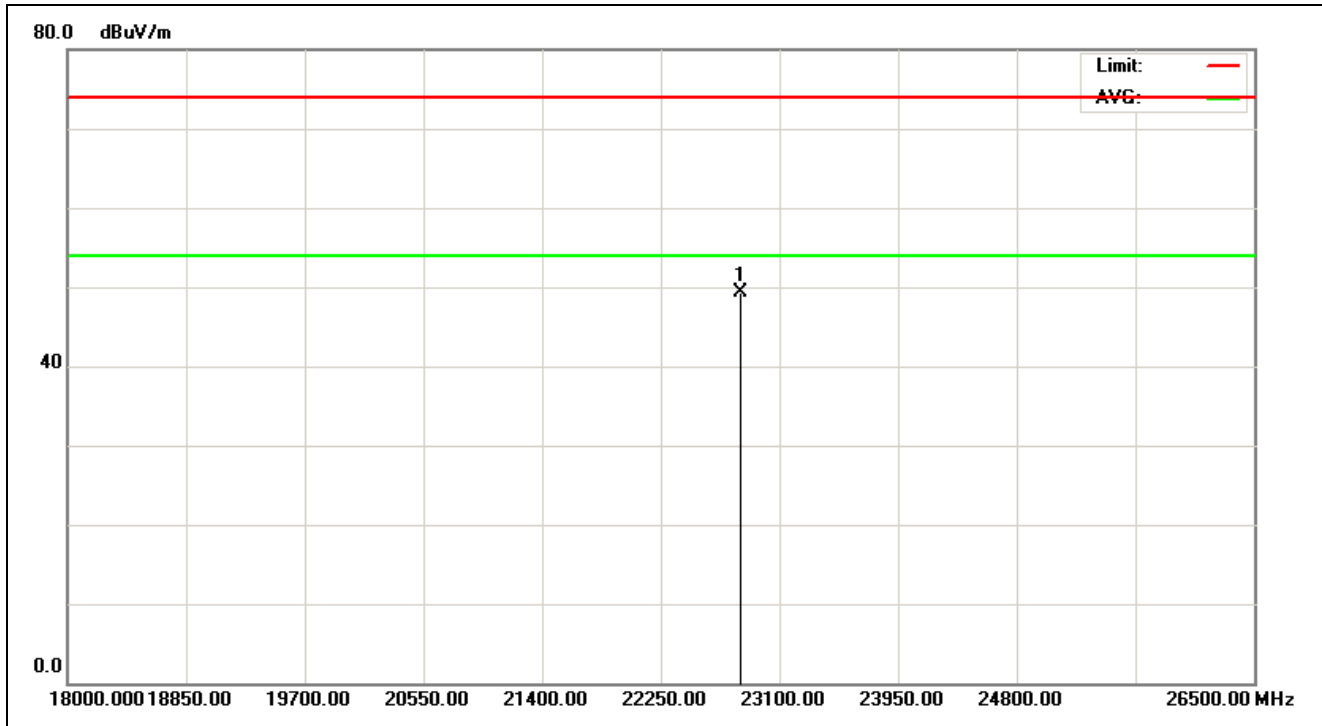
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:36:28
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23244.391	30.19	17.89	48.08	74.00	-25.92	peak			



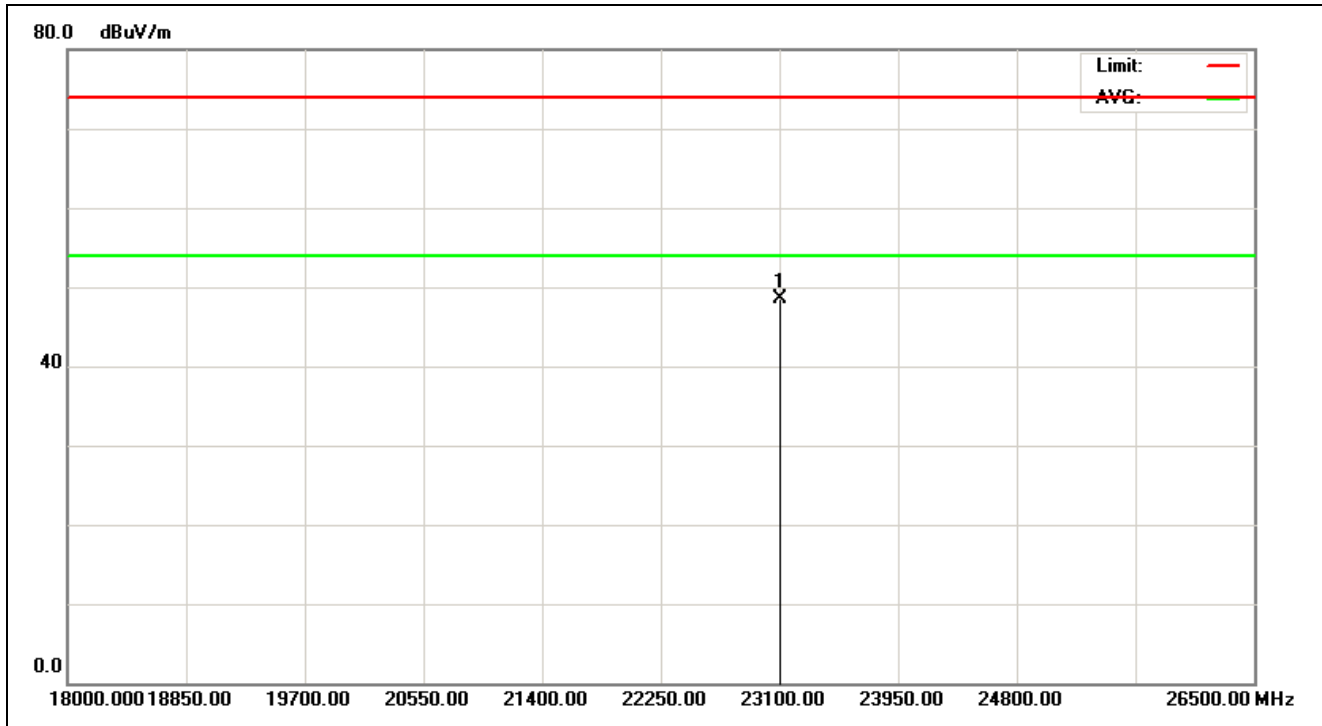
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:37:06
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19198.718	29.53	19.34	48.87	74.00	-25.13	peak			



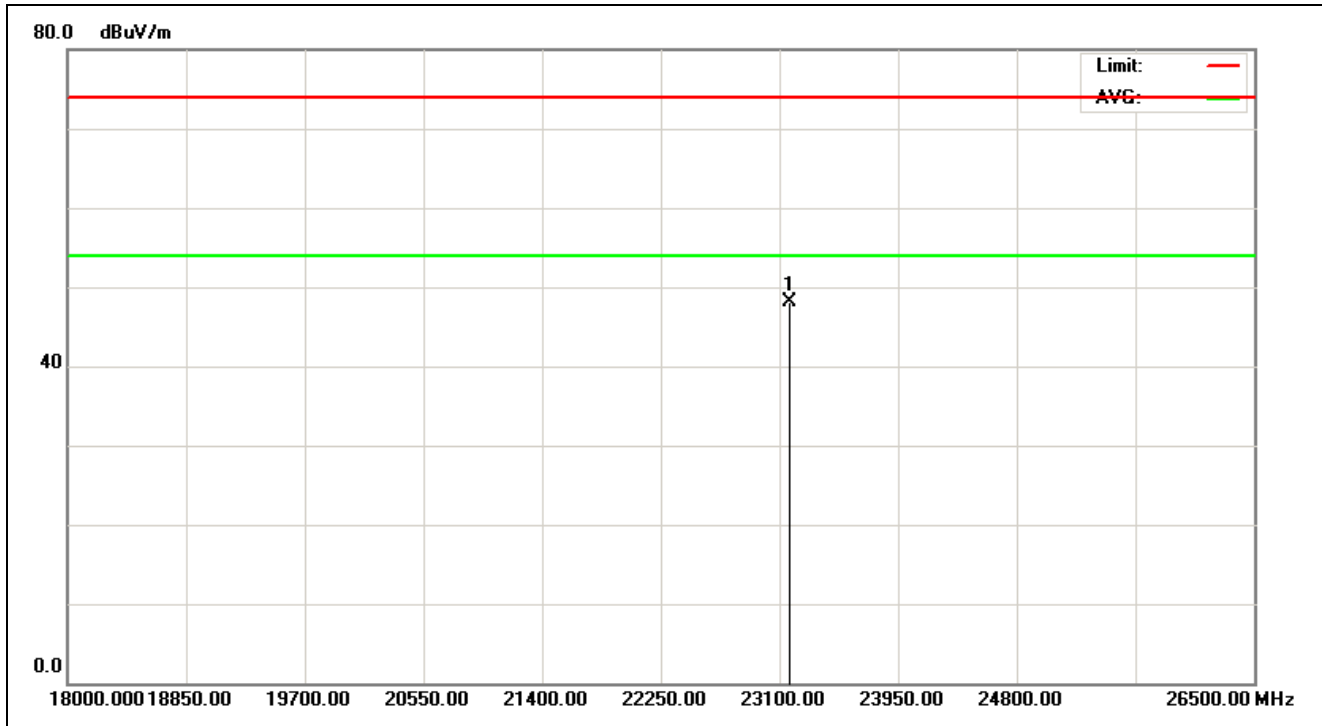
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:37:32
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2412		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22822.115	29.82	19.44	49.26	74.00	-24.74	peak			



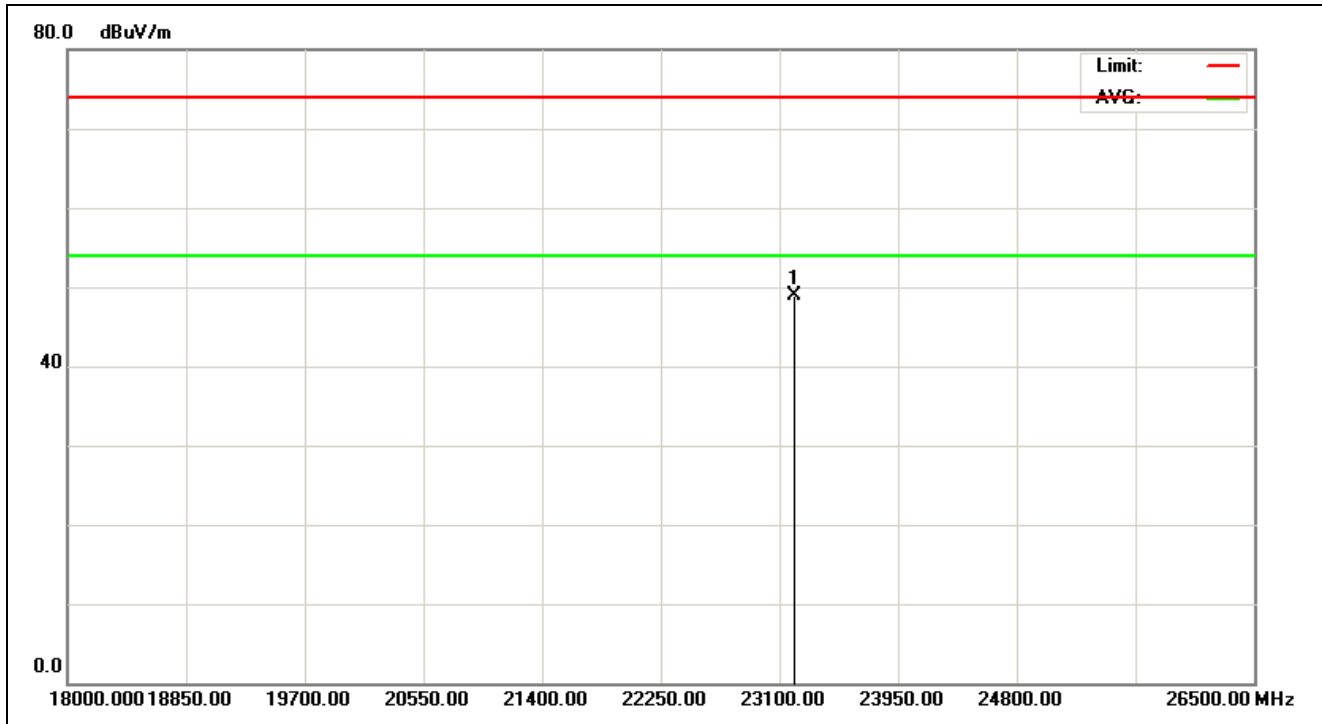
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:38:01
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23108.173	30.25	18.33	48.58	74.00	-25.42	peak			



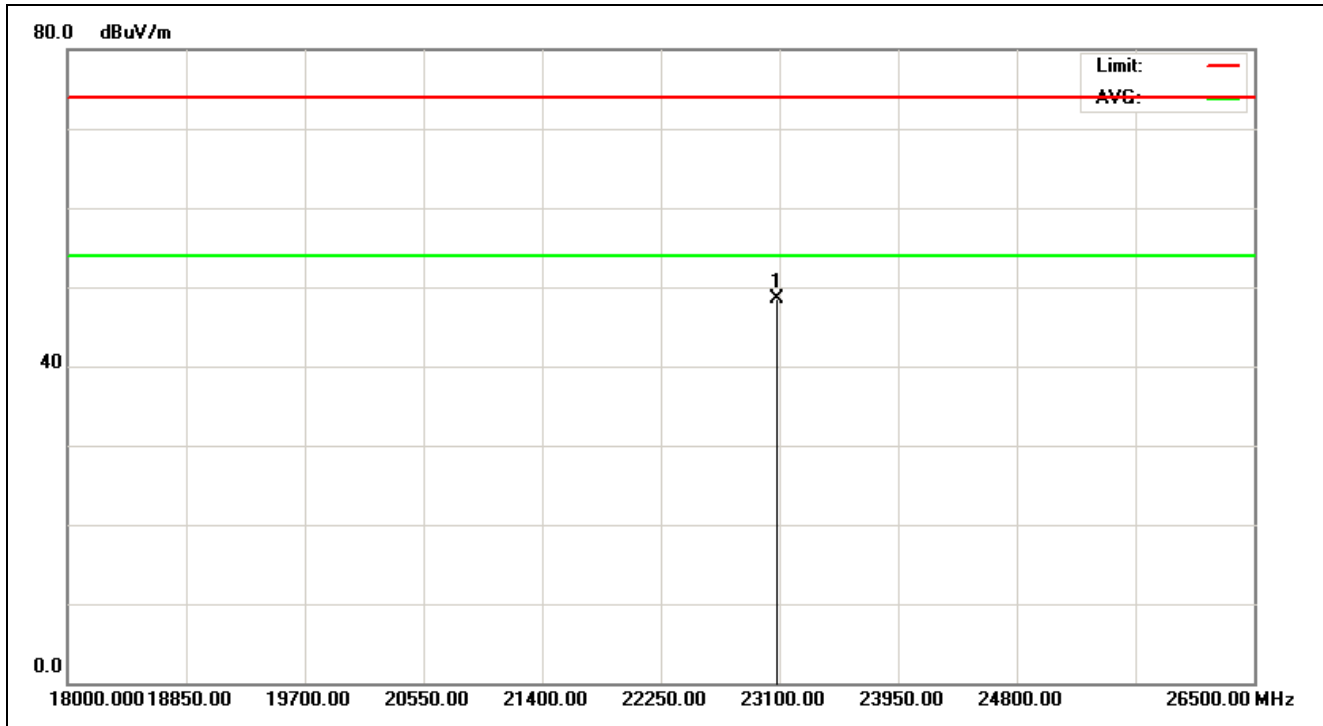
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:38:29
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23176.282	30.22	17.86	48.08	74.00	-25.92	peak			



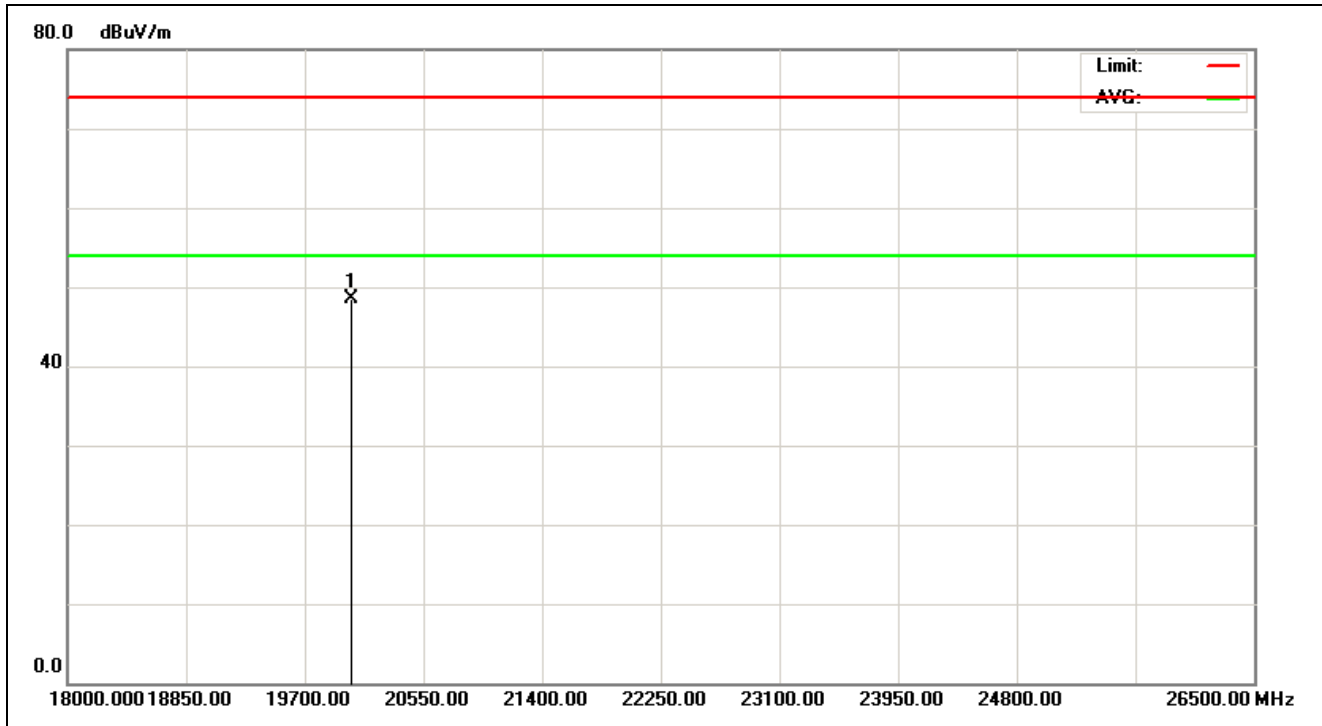
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:38:58
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23203.526	30.21	18.76	48.97	74.00	-25.03	peak			



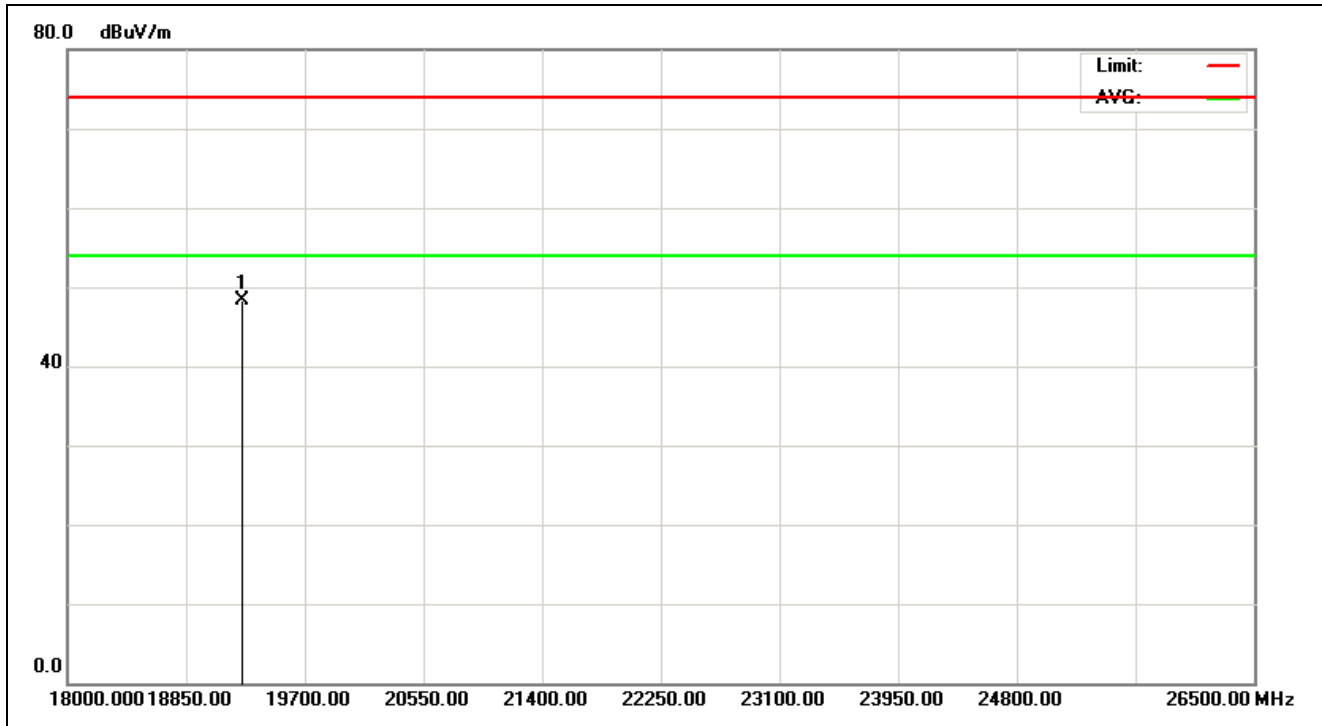
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:39:23
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%)	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G20-2462		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23080.929	30.25	18.16	48.41	74.00	-25.59	peak			



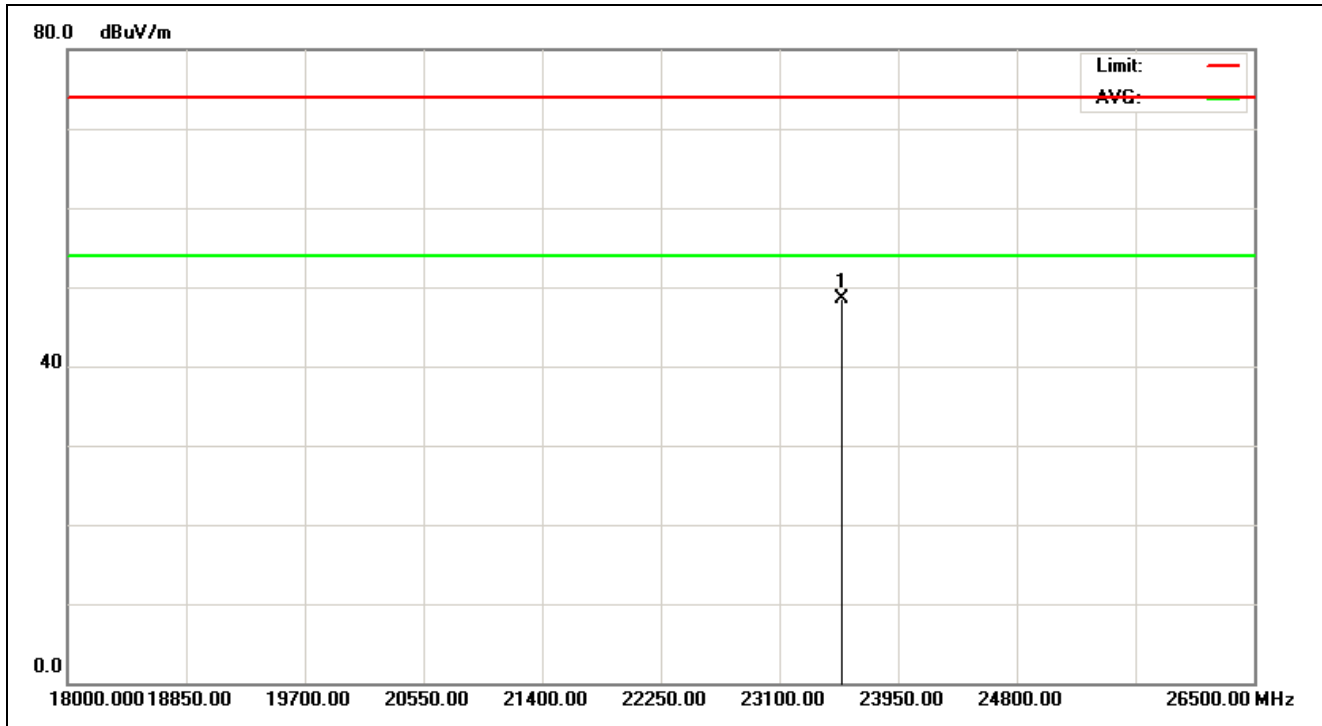
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:40:15
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2422		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20029.647	29.34	19.11	48.45	74.00	-25.55	peak			



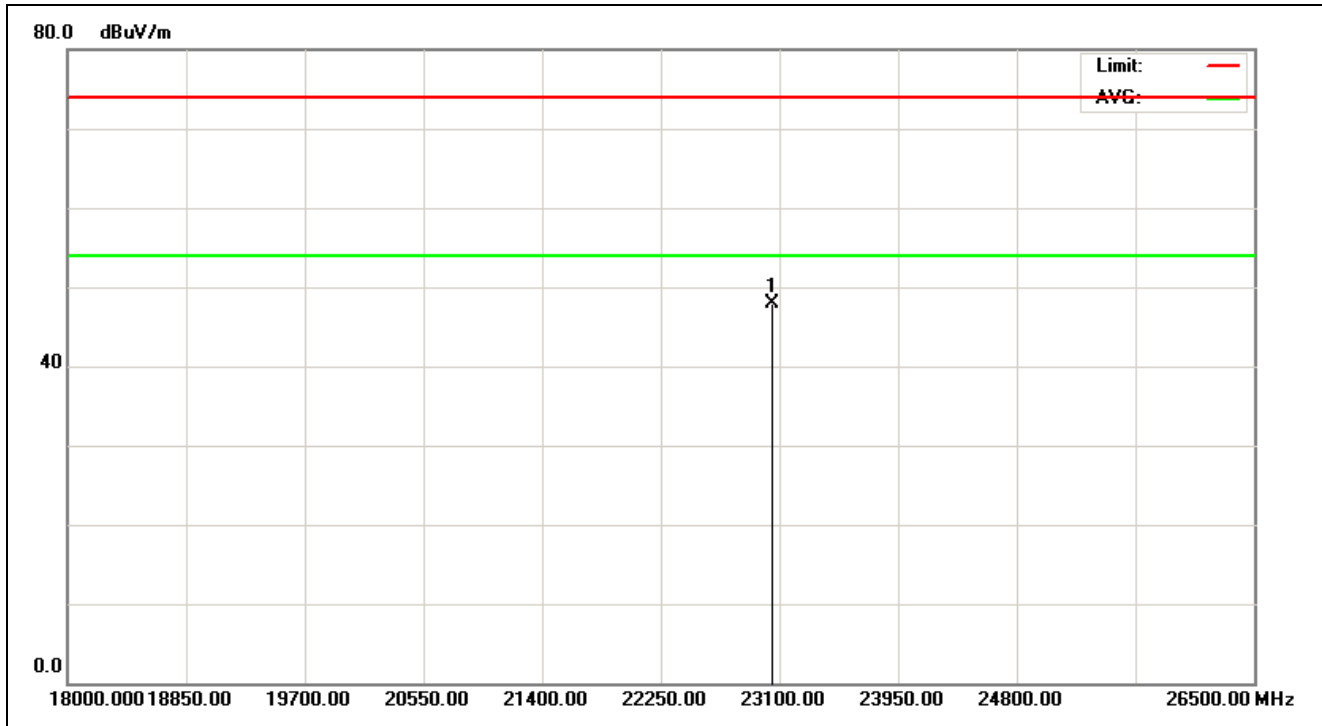
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:40:47
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%)	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2422		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19253.205	29.42	18.79	48.21	74.00	-25.79	peak			



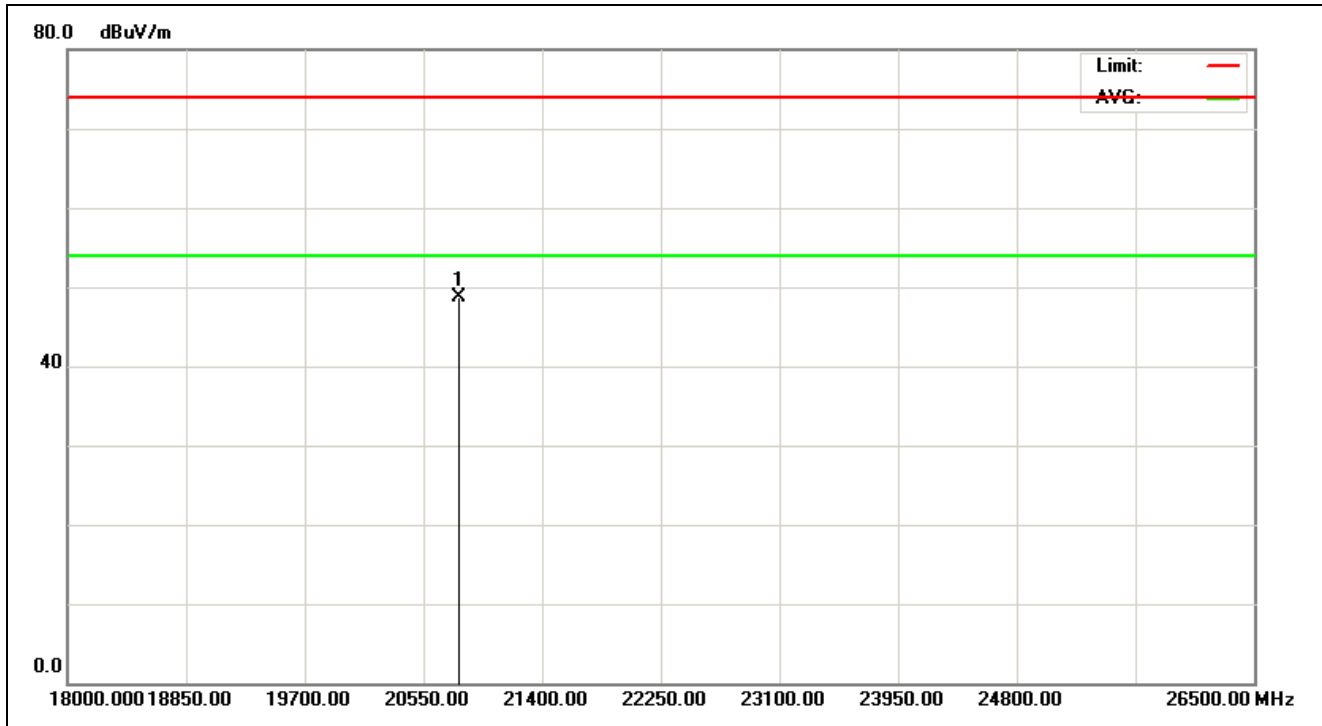
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:41:59
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%)	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23544.071	30.01	18.45	48.46	74.00	-25.54	peak			



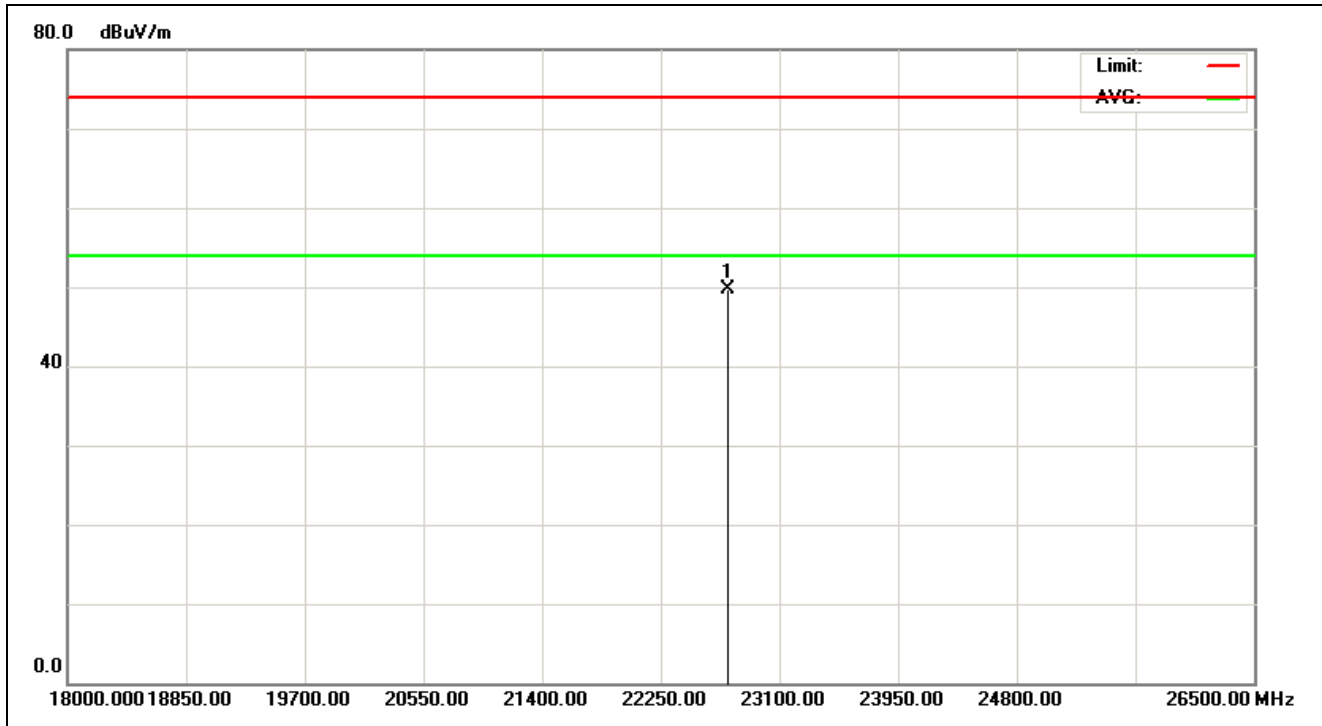
Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:42:27
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2437		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23053.686	30.27	17.63	47.90	74.00	-26.10	peak			



Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/9 15:42:59
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%)	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2452		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20806.090	29.58	19.20	48.78	74.00	-25.22	peak			



Service No.:	114011368-FCC P15C	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/9 15:43:33
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:	G40-2452		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22726.763	29.58	20.10	49.68	74.00	-24.32	peak			

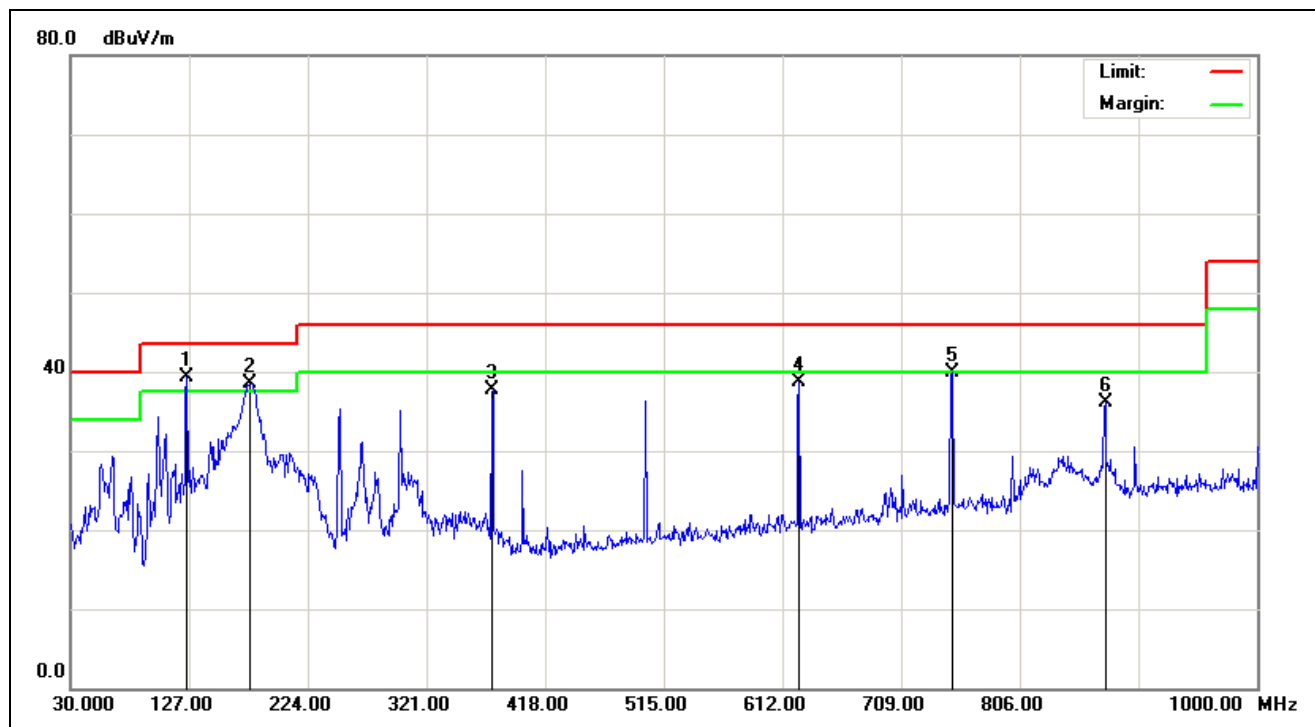
Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

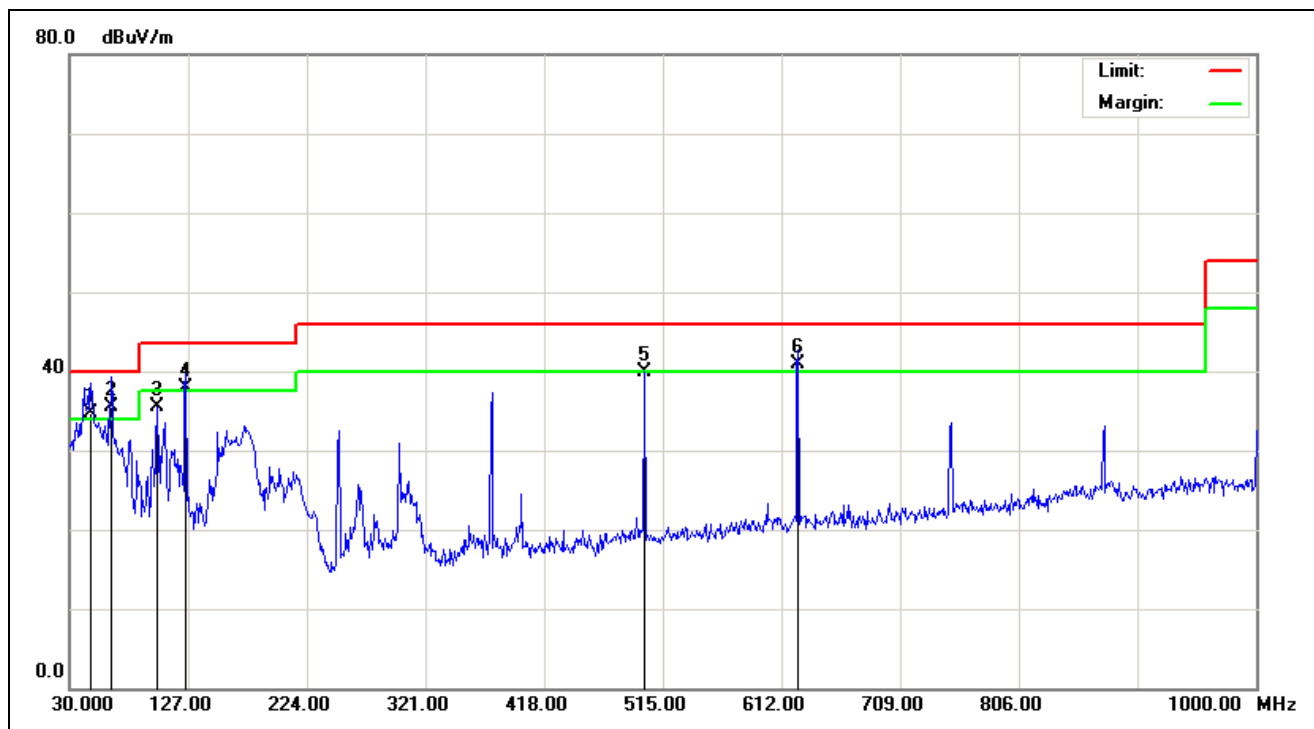
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114011368-ETSI EN	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2014/1/8 14:34:06
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:			
Remark:			

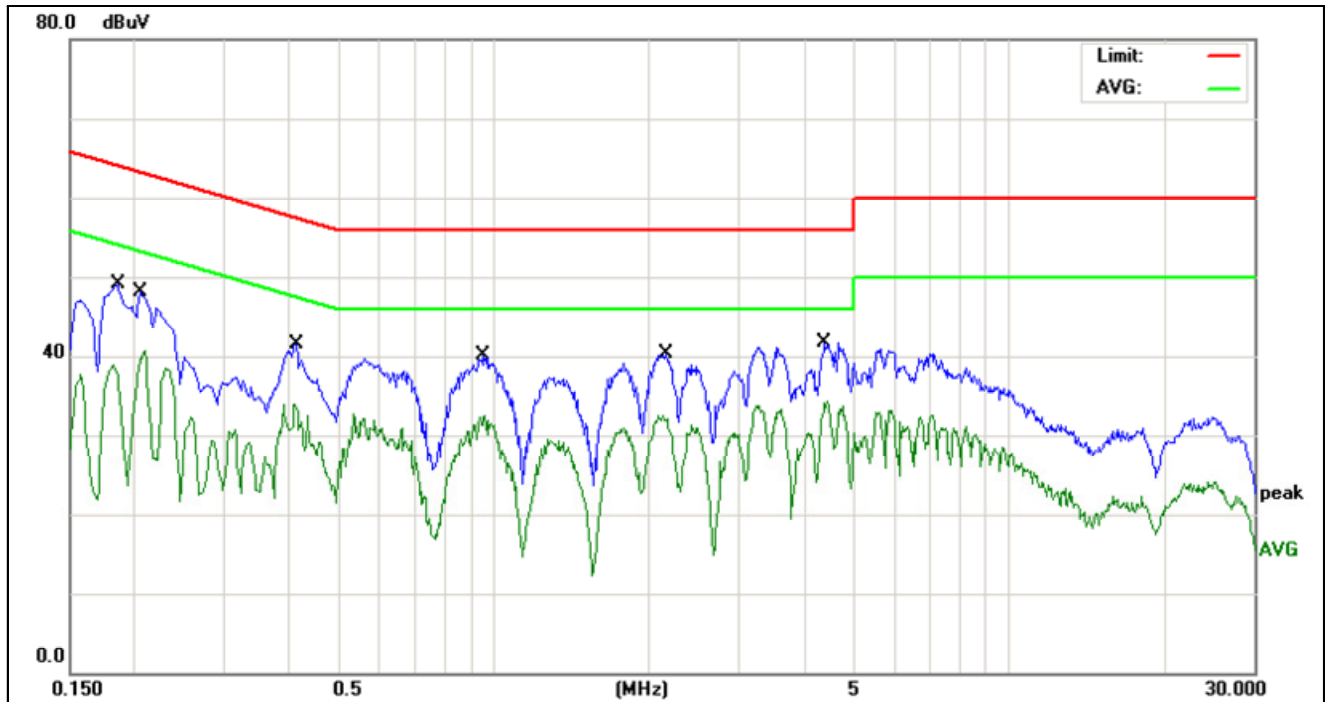
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	125.0600	-13.07	52.33	39.26	43.50	-4.24	QP	100	165	
2	176.4699	-15.29	53.86	38.57	43.50	-4.93	QP	100	126	
3	375.3199	-9.04	46.72	37.68	46.00	-8.32	QP	100	173	
4	625.5800	-5.71	44.36	38.65	46.00	-7.35	QP	100	181	
5	750.7100	-3.99	43.90	39.91	46.00	-6.09	QP	100	213	
6	875.8400	-2.30	38.31	36.01	46.00	-9.99	QP	100	144	



Service No.:	114011368-ETSI EN	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2014/1/8 14:35:09
Applicant:	Allied Telesis	Test Rating:	AC 120V/60Hz
Product:	Intelligent Multiservice Gateway	Temp.(°C)/Hum.(%):	20.8(°C)/59%
Model No.:	iMG1425	Test Engineer:	Hugo Chang
Test Mode:			
Remark:			

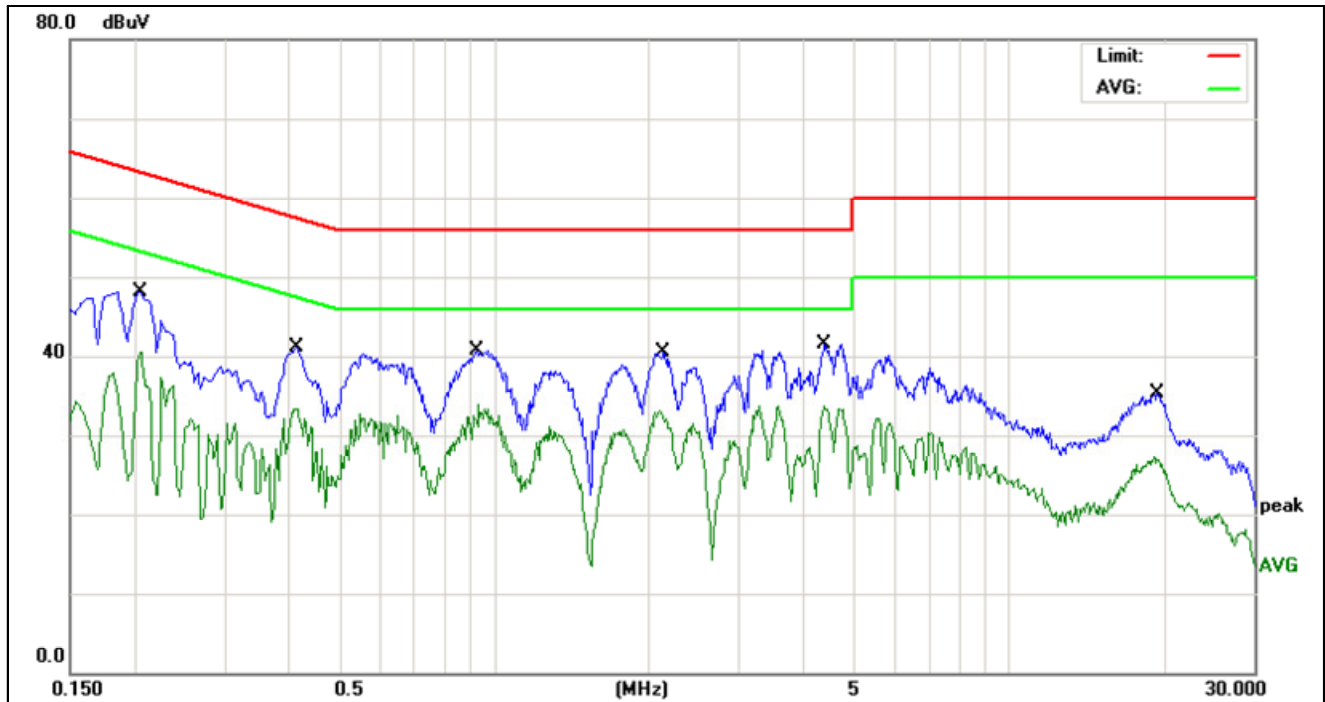
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	47.8400	-15.92	50.56	34.64	40.00	-5.36	QP	100	208	
2	64.8490	-19.24	54.79	35.55	40.00	-4.45	QP	100	360	
3	101.7800	-15.02	50.44	35.42	43.50	-8.08	QP	100	218	
4	125.0600	-13.07	51.01	37.94	43.50	-5.56	QP	100	181	
5	500.4500	-7.30	47.21	39.91	46.00	-6.09	QP	100	171	
6	625.5800	-5.71	46.70	40.99	46.00	-5.01	QP	100	141	

Mains Spurious Emissions



Service No.:	114011368	Probe:	L1
Test Standard:	FCC Part 15 Class B Conduction	Test Time:	2014/1/13 13:17:41
Test item:	Conduction Emission	Test Rating:	AC 230V/50Hz
Applicant:	Allied Telesis	Temp.(°C)/Hum.(%):	21(°C)/57%
Product:	Intelligent Multiservice Gateway	Test Engineer:	Hugo Chang
Model No.:	IMG1425		
Test Mode:			
Remark:			

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.1860	9.60	35.68	45.28	64.21	-18.93	QP	
2	0.1860	9.60	24.71	34.31	54.21	-19.90	AVG	
3	0.2060	9.60	36.58	46.18	63.36	-17.18	QP	
4	0.2060	9.60	30.45	40.05	53.36	-13.31	AVG	
5	0.4140	9.59	29.33	38.92	57.57	-18.65	QP	
6	0.4140	9.59	22.95	32.54	47.57	-15.03	AVG	
7	0.9580	9.60	27.72	37.32	56.00	-18.68	QP	
8	0.9580	9.60	21.22	30.82	46.00	-15.18	AVG	
9	2.1660	9.62	27.12	36.74	56.00	-19.26	QP	
10	2.1660	9.62	21.35	30.97	46.00	-15.03	AVG	
11	4.3940	9.64	28.29	37.93	56.00	-18.07	QP	
12	4.3940	9.64	23.41	33.05	46.00	-12.95	AVG	



Service No.:	114011368	Probe:	N
Test Standard:	FCC Part 15 Class B Conduction	Test Time:	2014/1/13 13:19:49
Test item:	Conduction Emission	Test Rating:	AC 230V/50Hz
Applicant:	Allied Telesis	Temp.(°C)/Hum.(%):	21(°C)/57%
Product:	Intelligent Multiservice Gateway	Test Engineer:	Hugo Chang
Model No.:	IMG1425		
Test Mode:			
Remark:			

No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Remark
1	0.2060	9.57	36.16	45.73	63.36	-17.63	QP	
2	0.2060	9.57	30.21	39.78	53.36	-13.58	AVG	
3	0.4140	9.57	29.95	39.52	57.57	-18.05	QP	
4	0.4140	9.57	23.53	33.10	47.57	-14.47	AVG	
5	0.9260	9.57	28.34	37.91	56.00	-18.09	QP	
6	0.9260	9.57	21.80	31.37	46.00	-14.63	AVG	
7	2.1380	9.58	28.01	37.59	56.00	-18.41	QP	
8	2.1380	9.58	22.35	31.93	46.00	-14.07	AVG	
9	4.3859	9.61	28.27	37.88	56.00	-18.12	QP	
10	4.3859	9.61	23.12	32.73	46.00	-13.27	AVG	
11	19.4619	9.80	21.63	31.43	60.00	-28.57	QP	
12	19.4619	9.80	15.71	25.51	50.00	-24.49	AVG	