

Test Report No.50058588

Appendix D: Radiated and Mains Spurious Emission Data

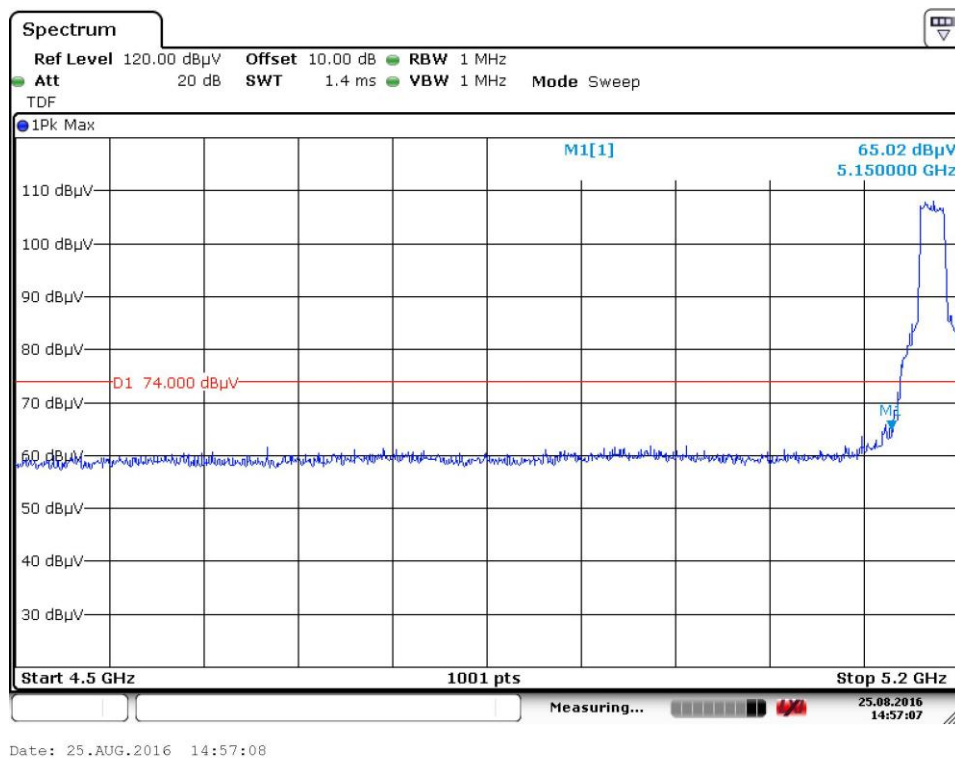
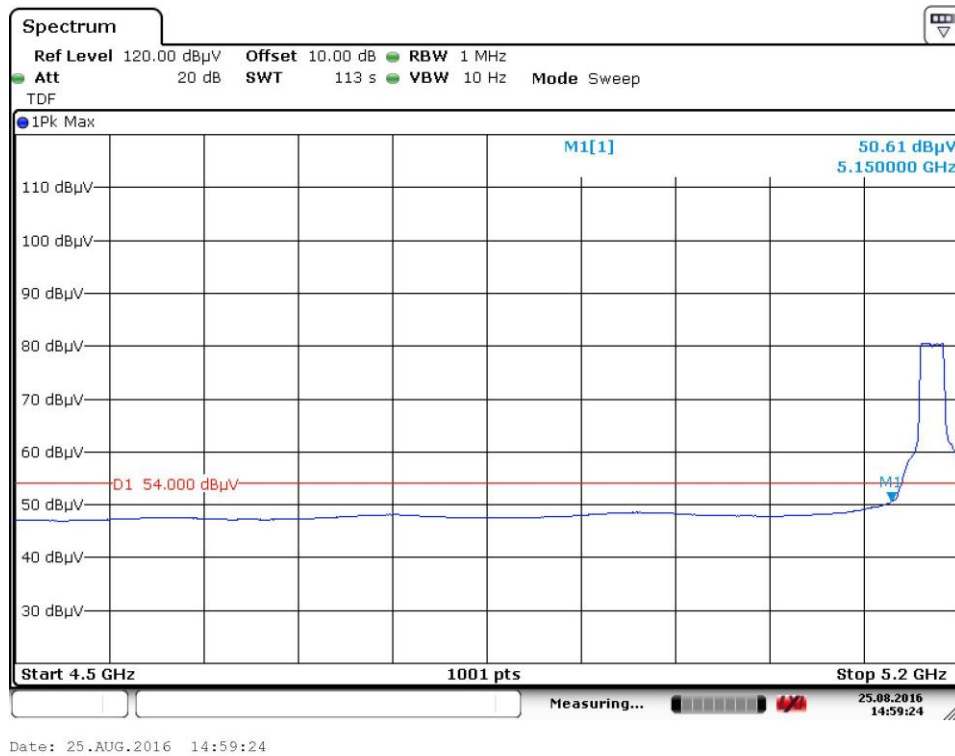
(File: 50058588AppendixD)

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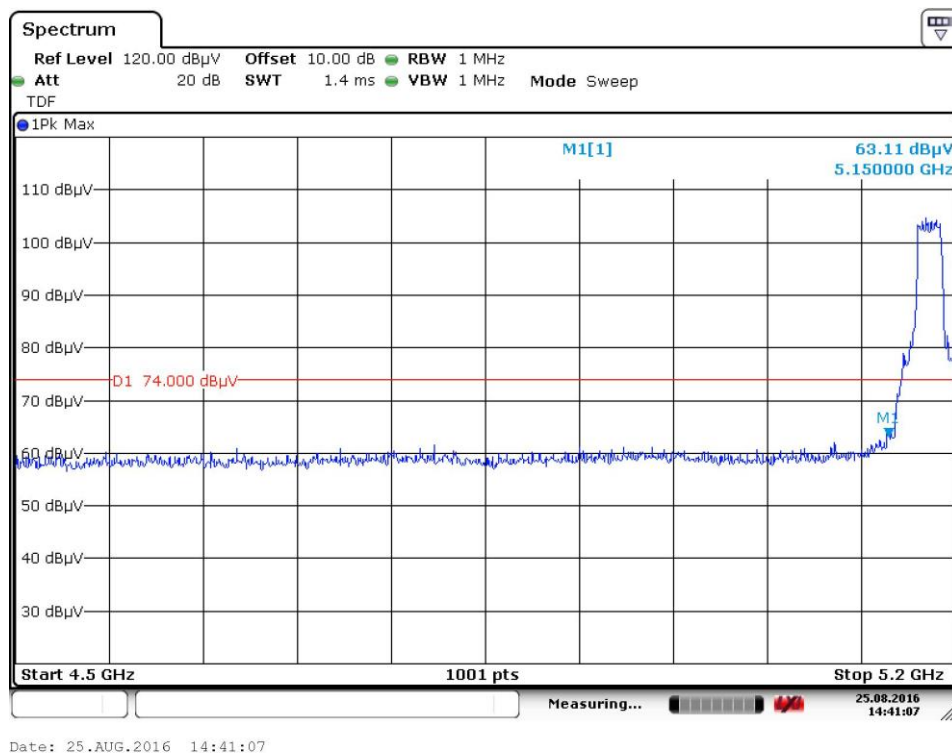
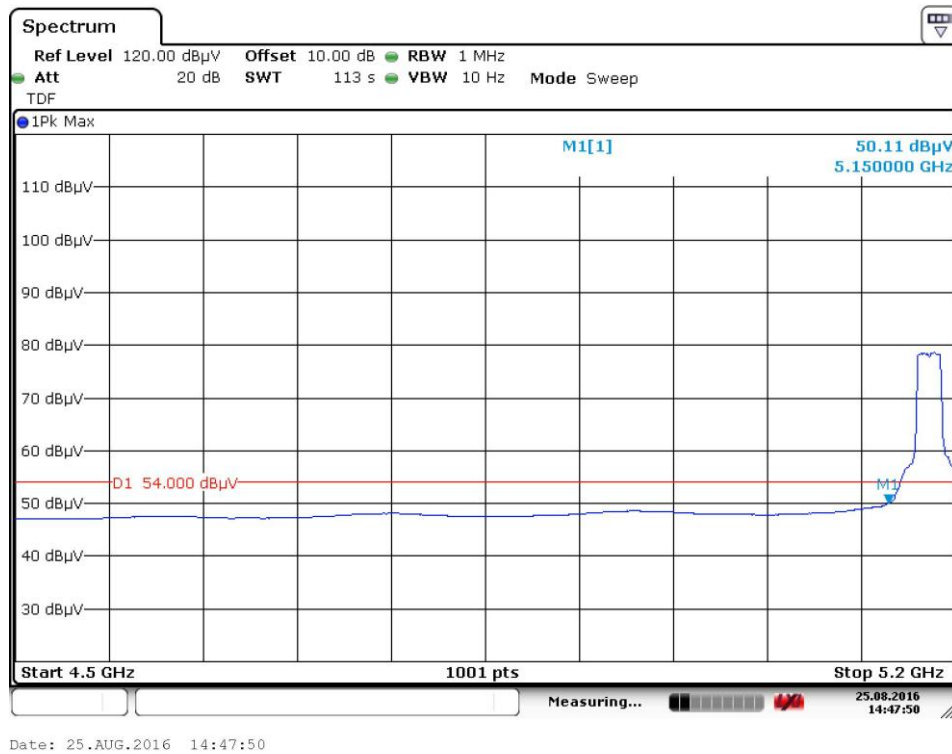
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Radiated Bandedge 11a

Low Channel (Hor) 5180

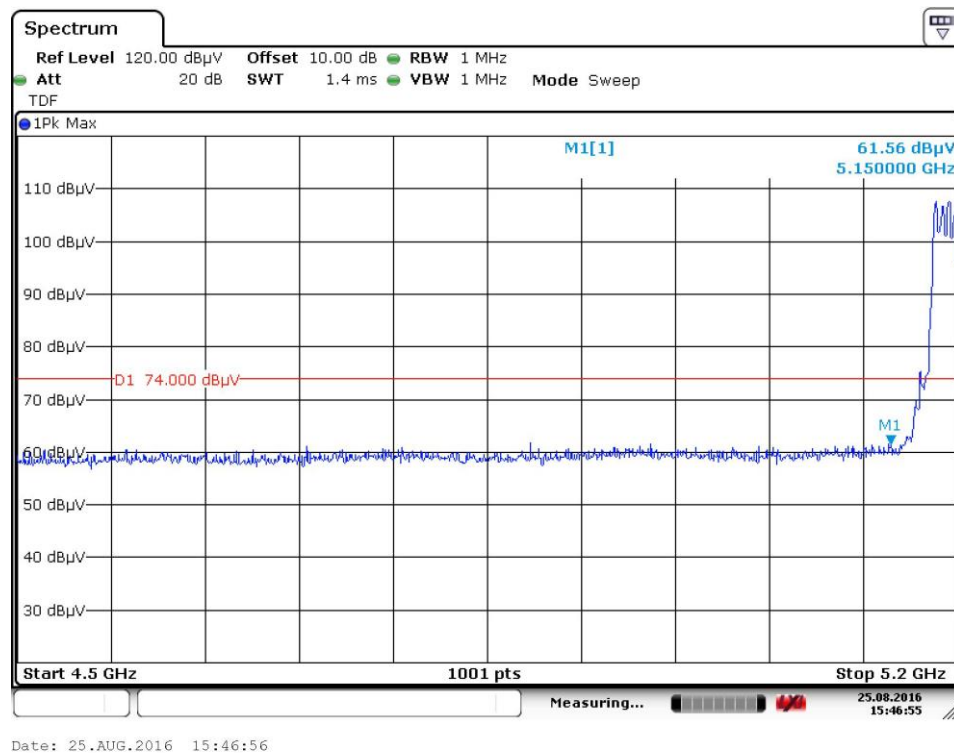
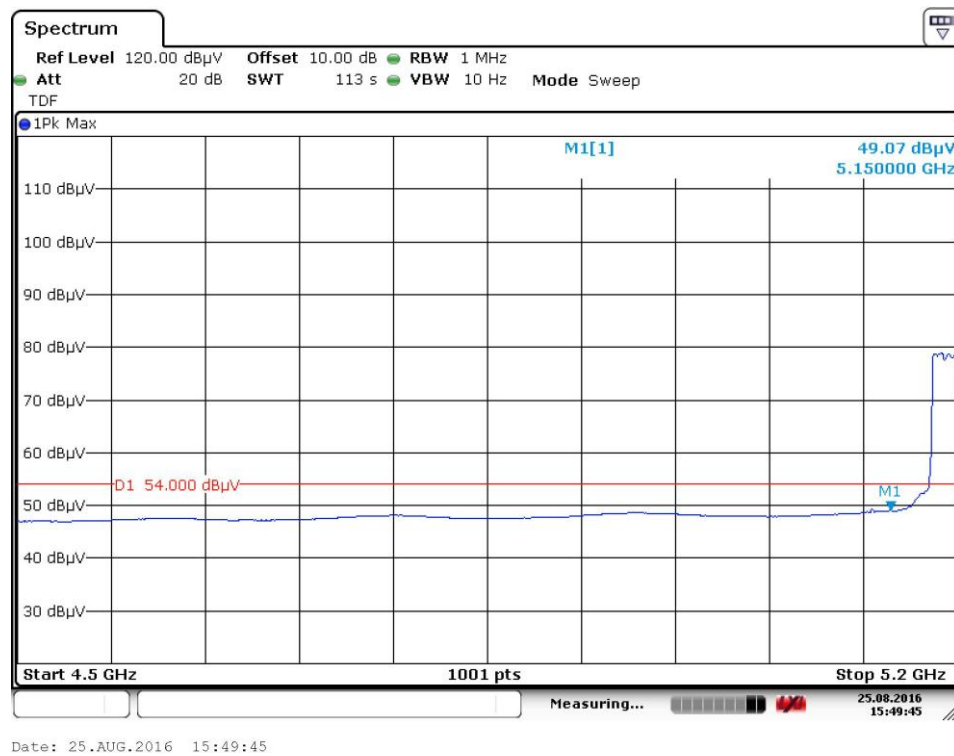


Low Channel (Ver) 5180

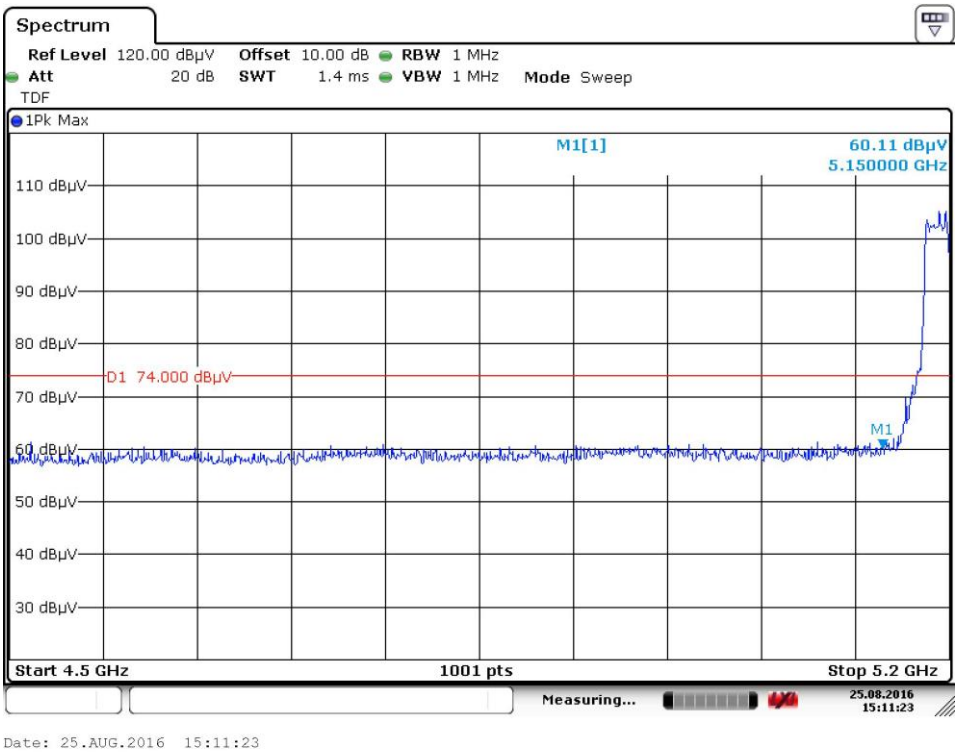
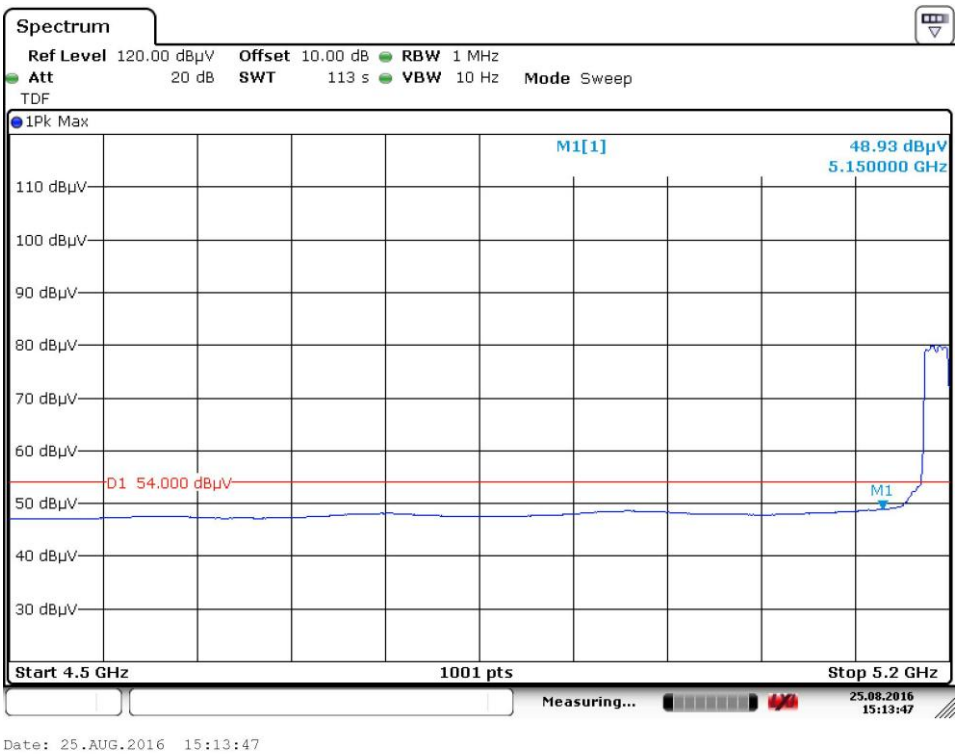


Radiated Bandedge 11n HT20

Low Channel (Hor) 5180

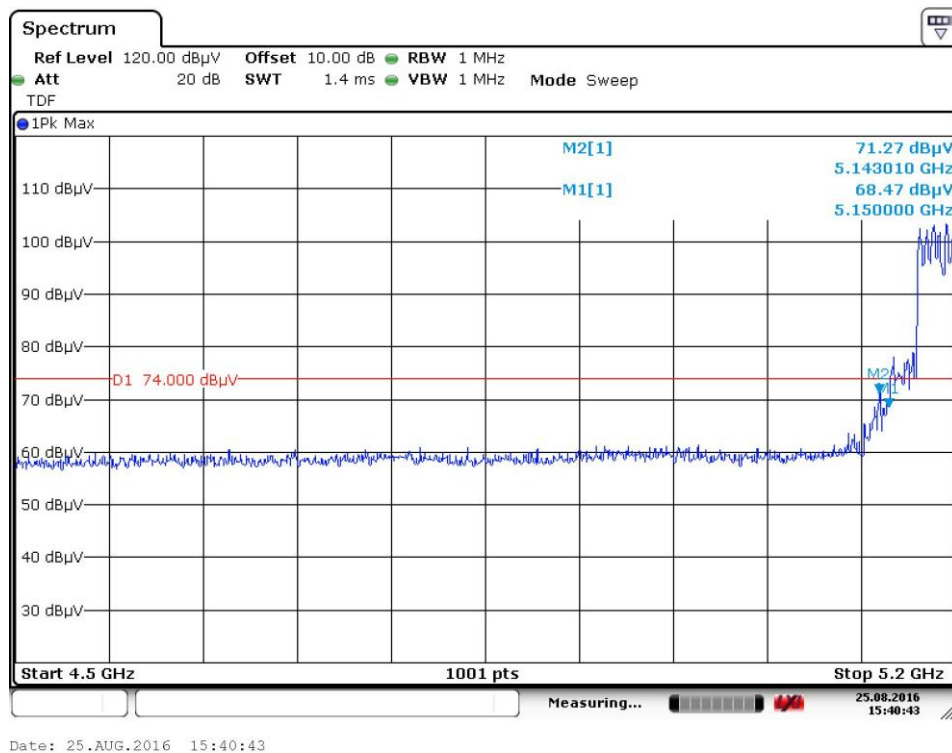
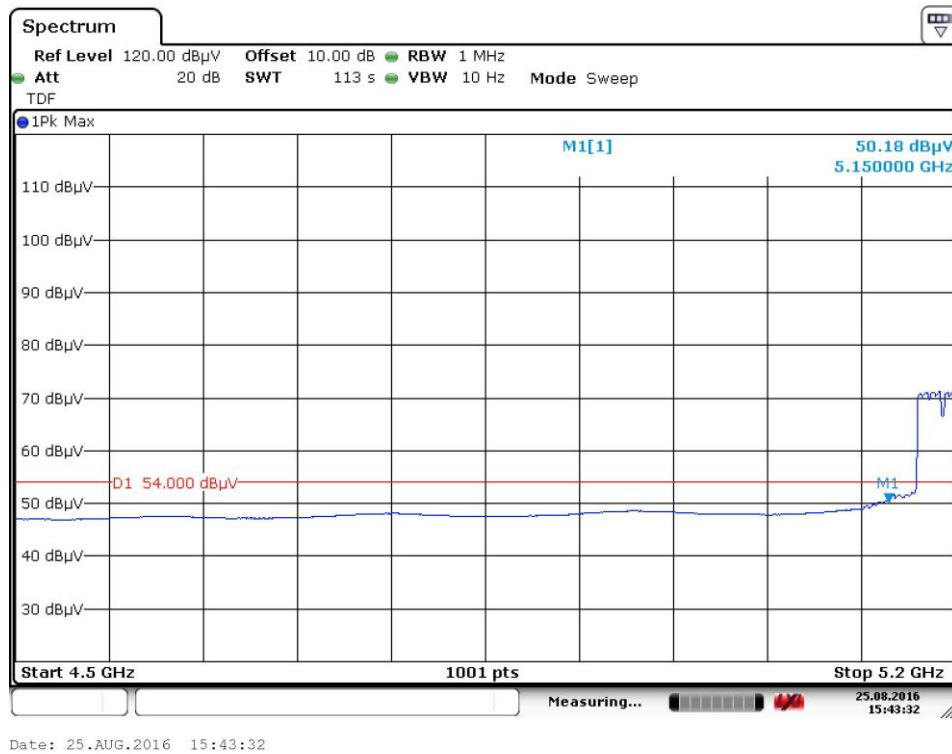


Low Channel (Ver) 5180

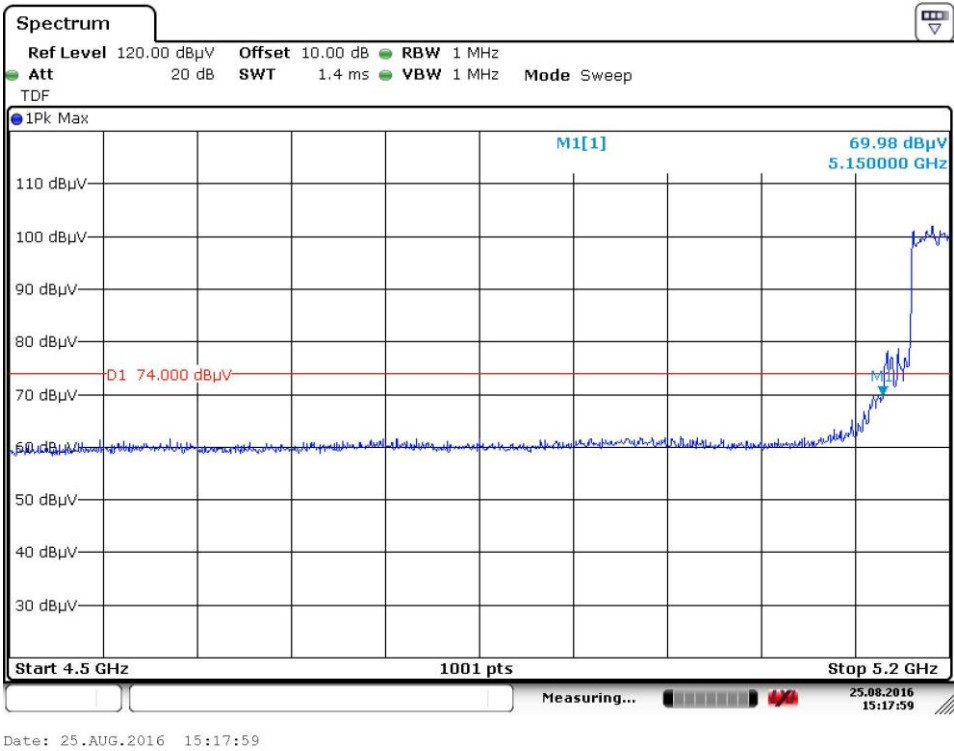
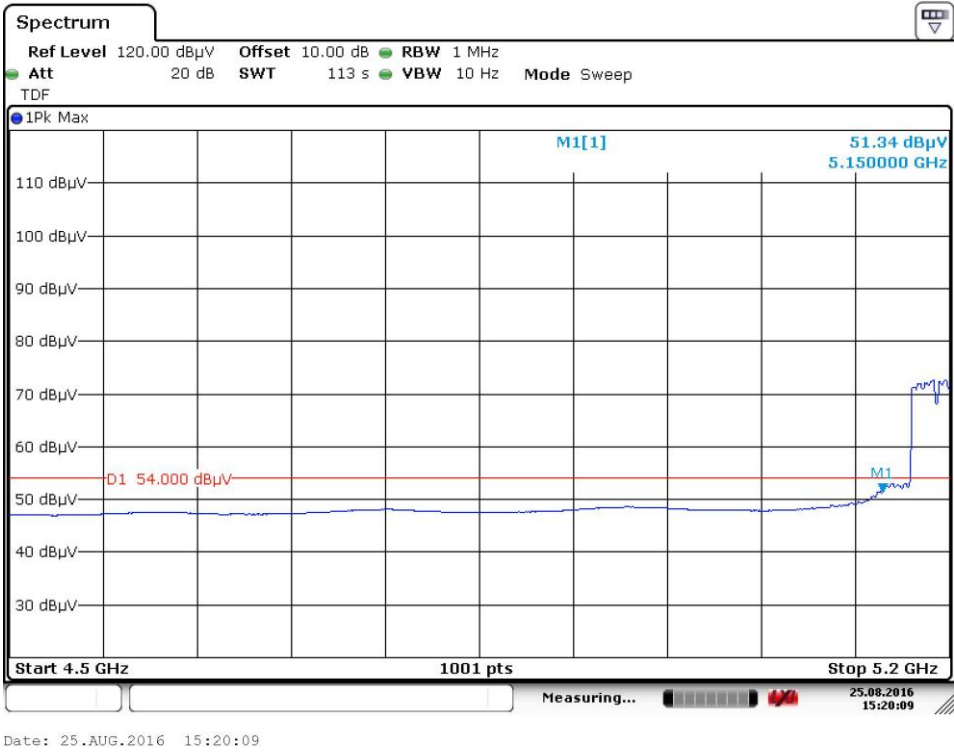


Radiated Bandedge 11n HT40

Low Channel (Hor) 5190

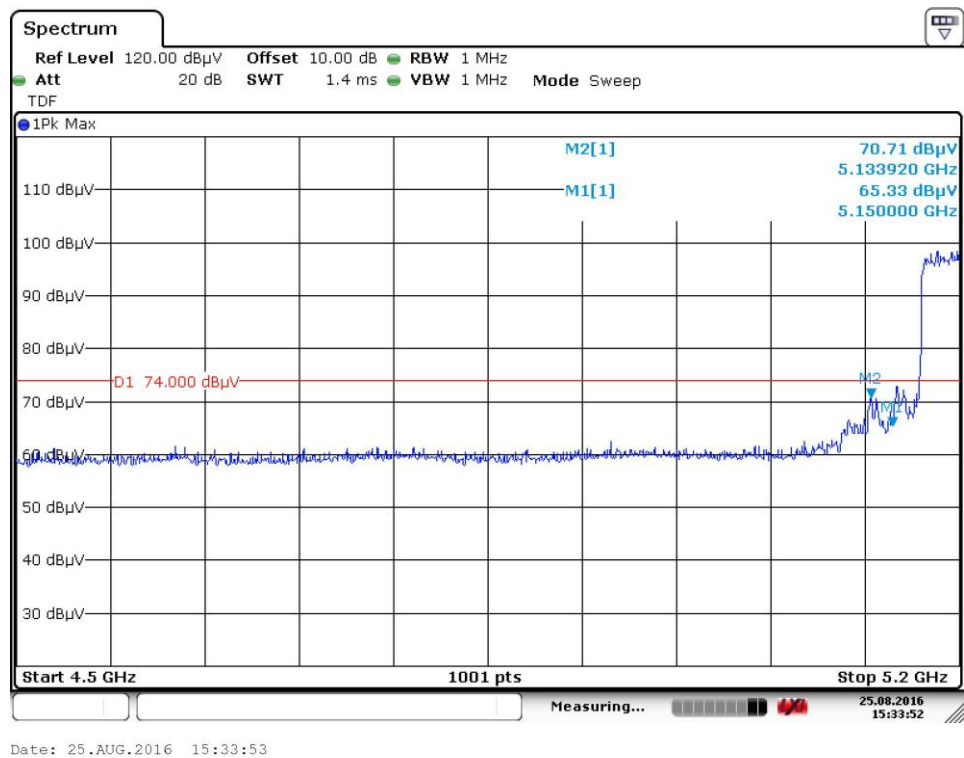
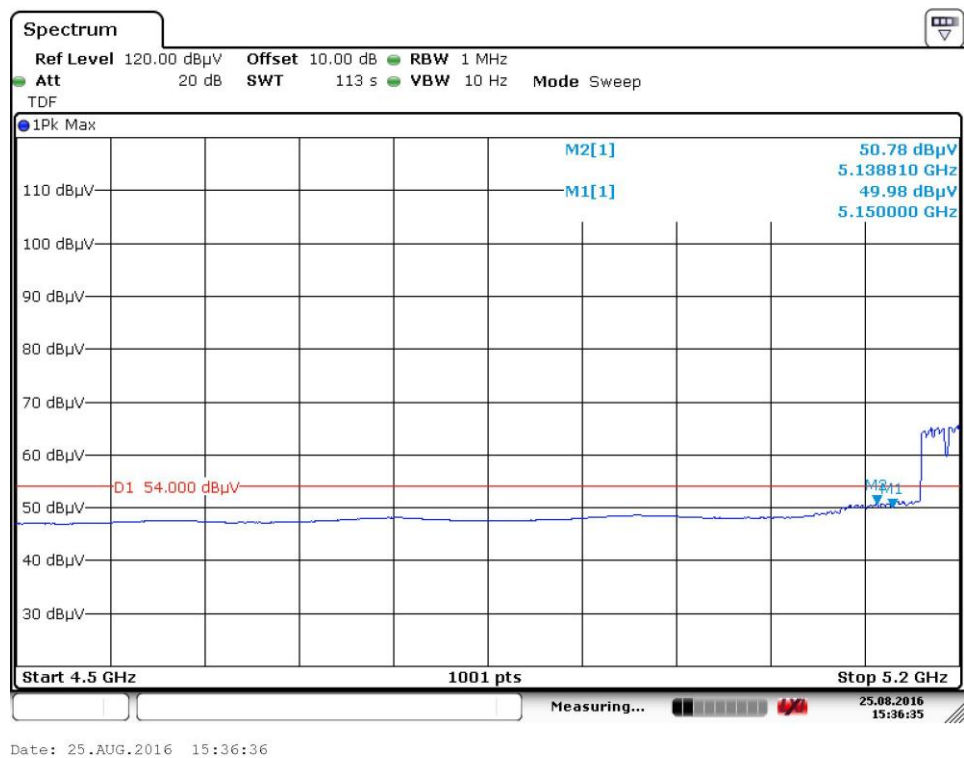


Low Channel (Ver) 5190

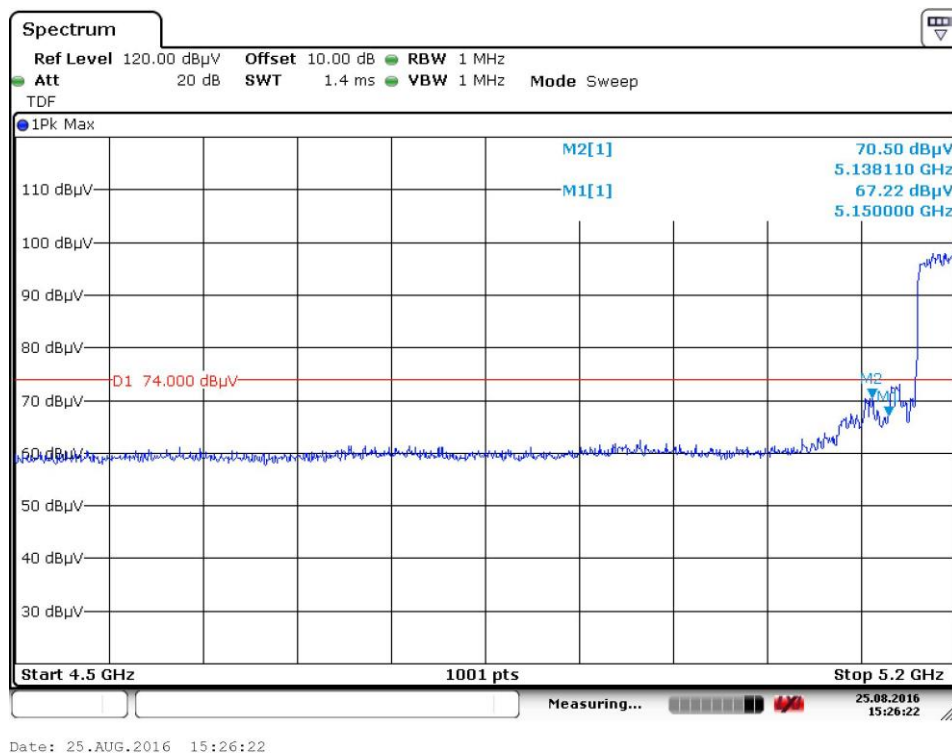
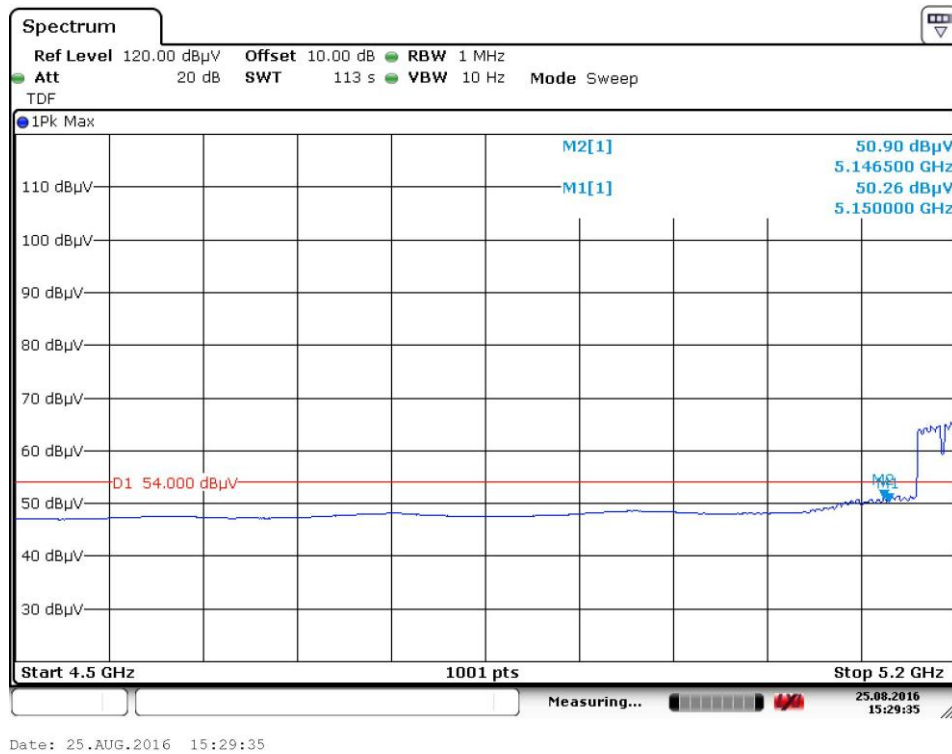


Radiated Bandedge 11ac 80

Low Channel (Hor) 5210

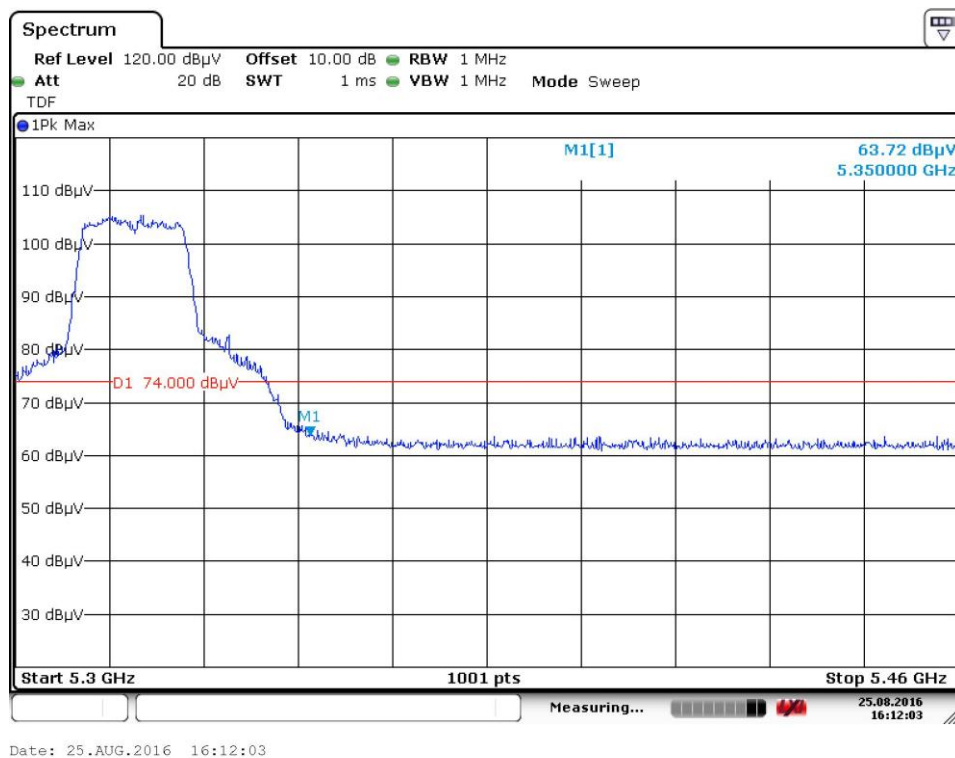


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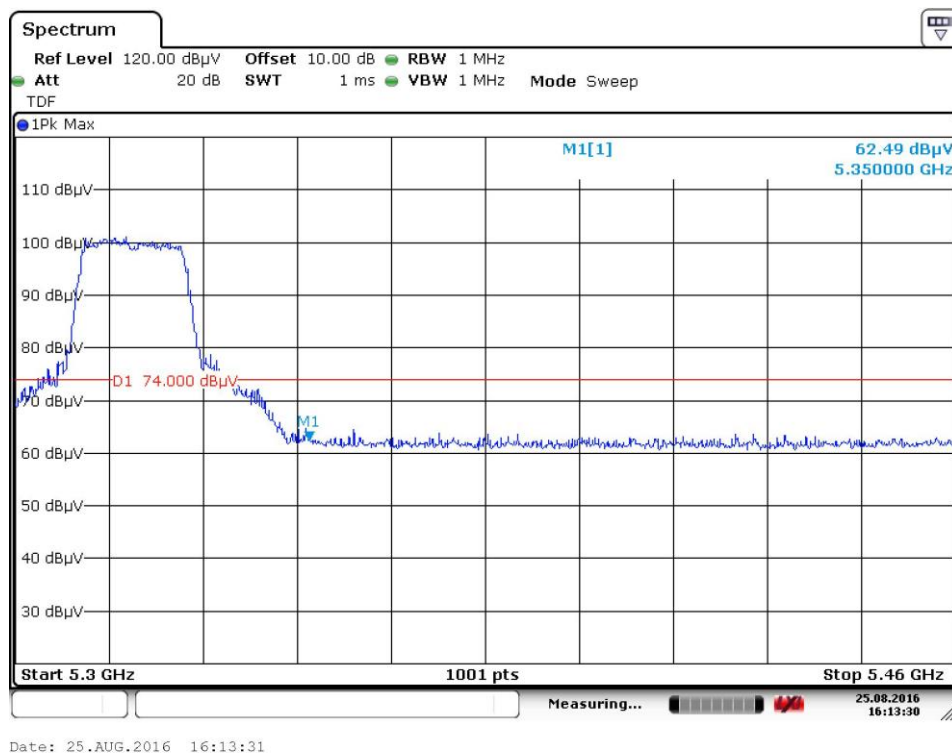


Radiated Bandedge 11a

Low Channel (Hor) 5320

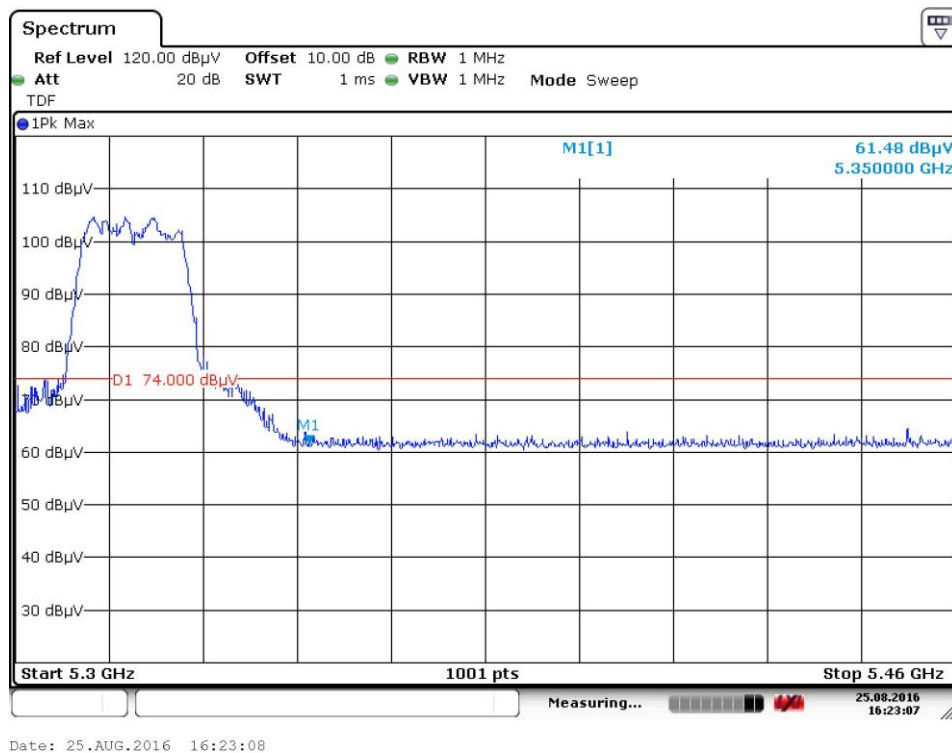
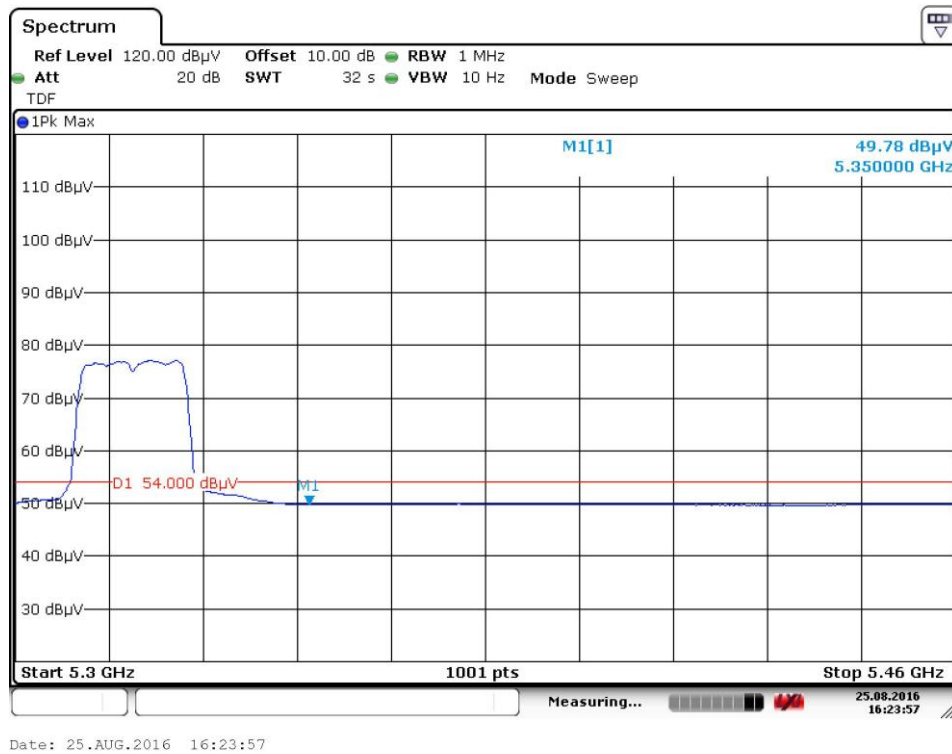


Low Channel (Ver) 5320

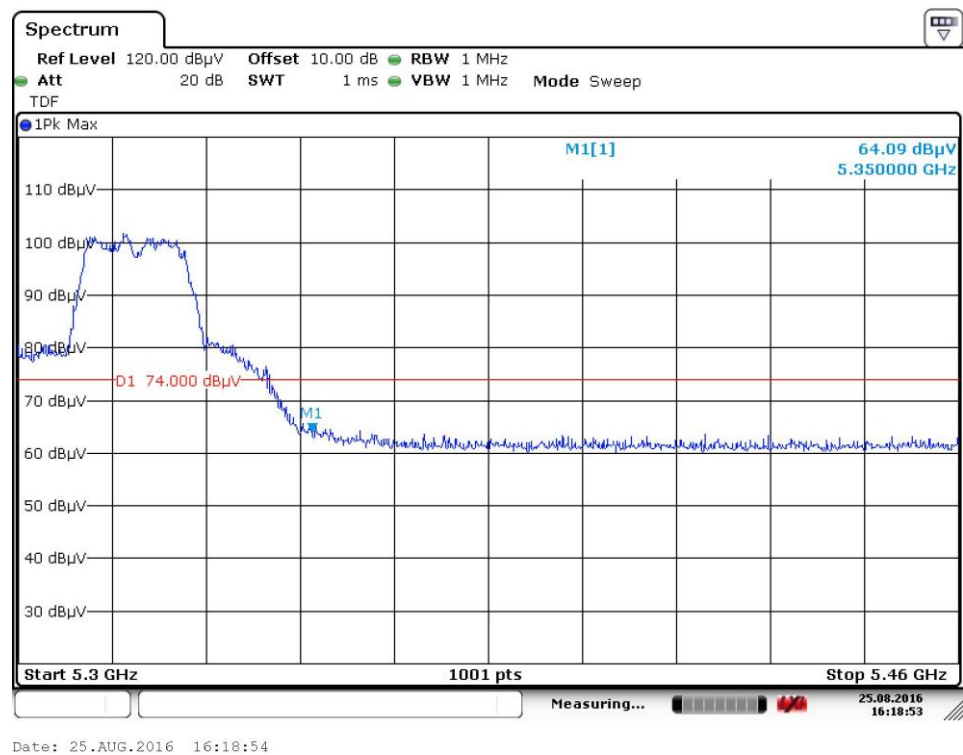
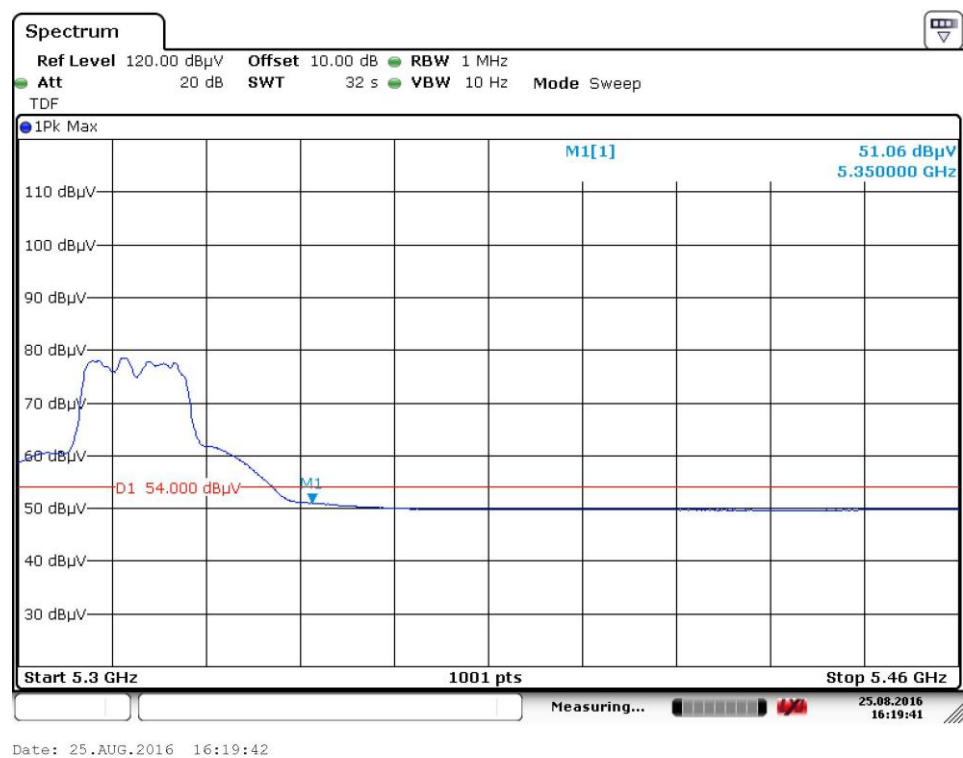


Radiated Bandedge 11n HT20

Low Channel (Hor) 5320

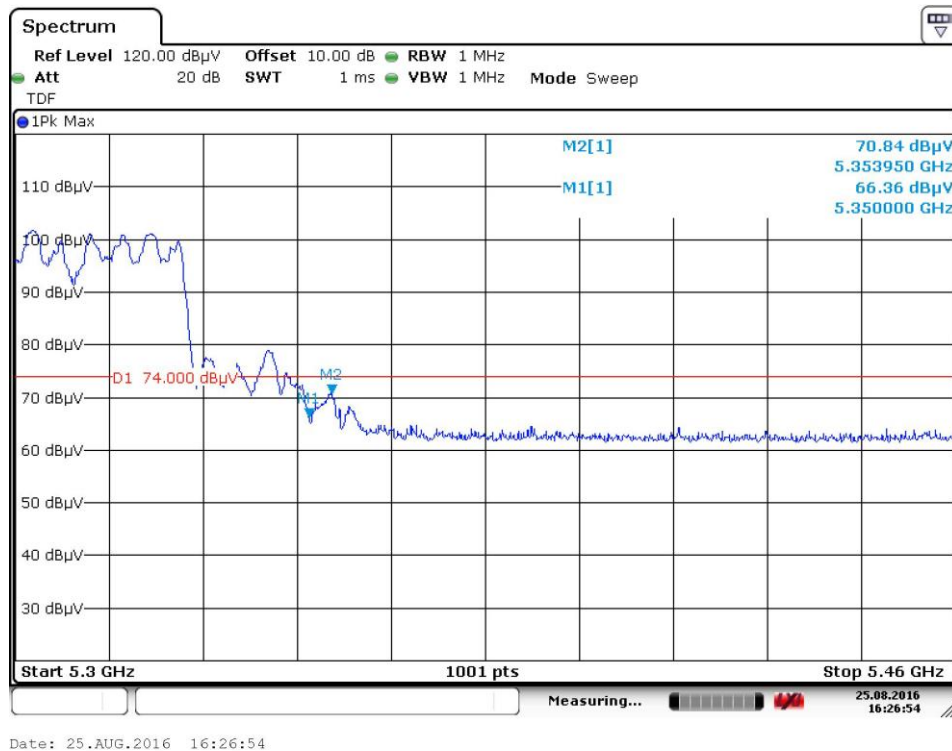
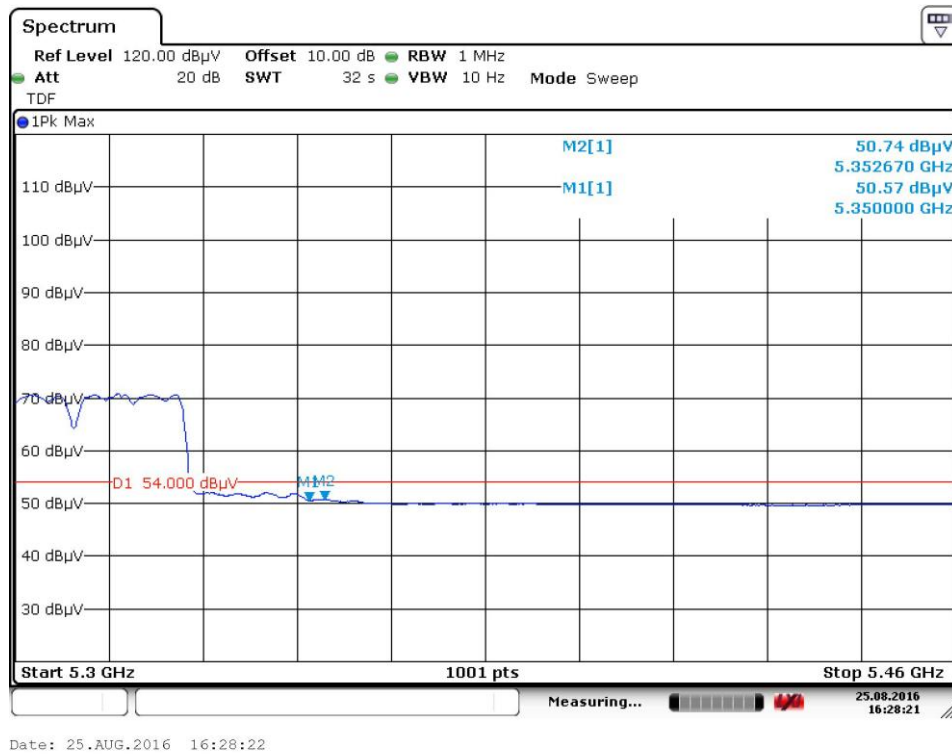


Low Channel (Ver) 5320

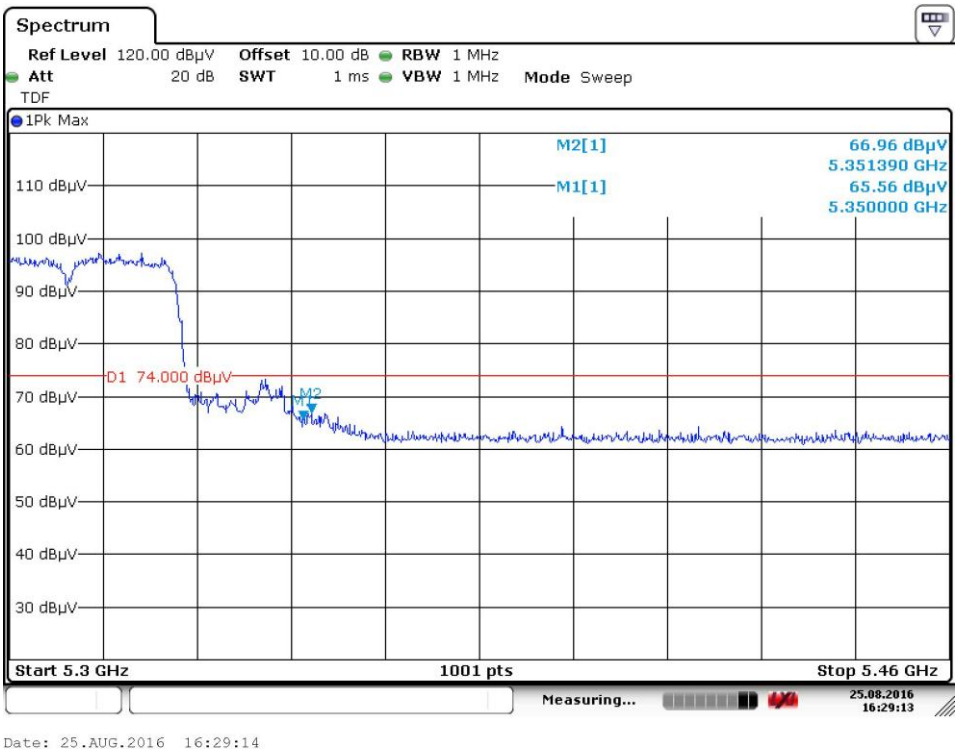
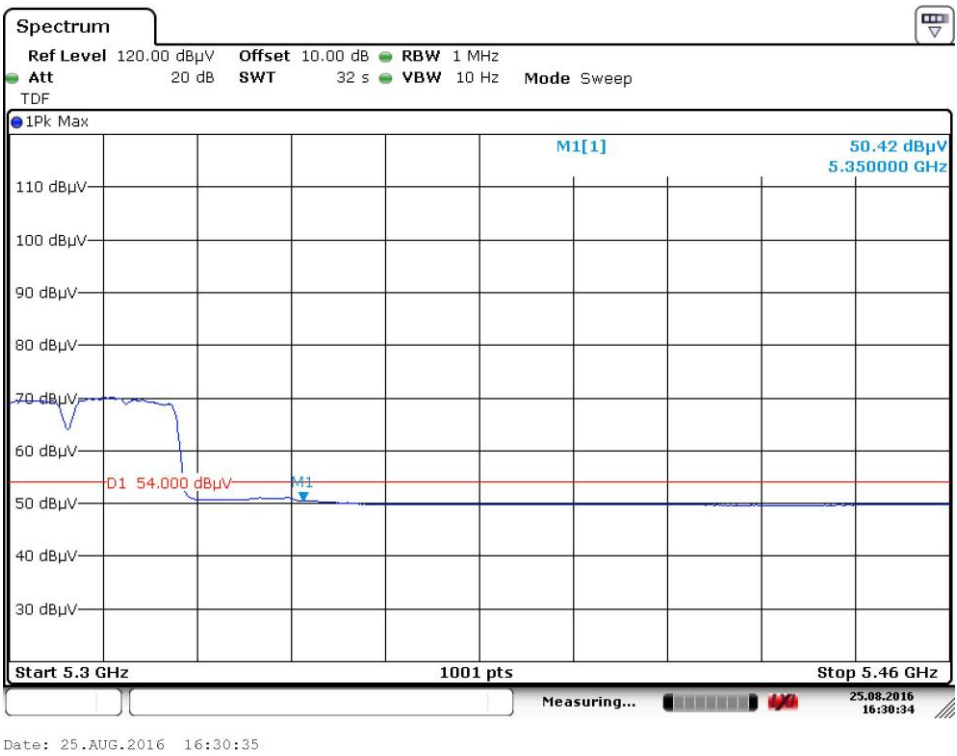


Radiated Bandedge 11n HT40

Low Channel (Hor) 5310

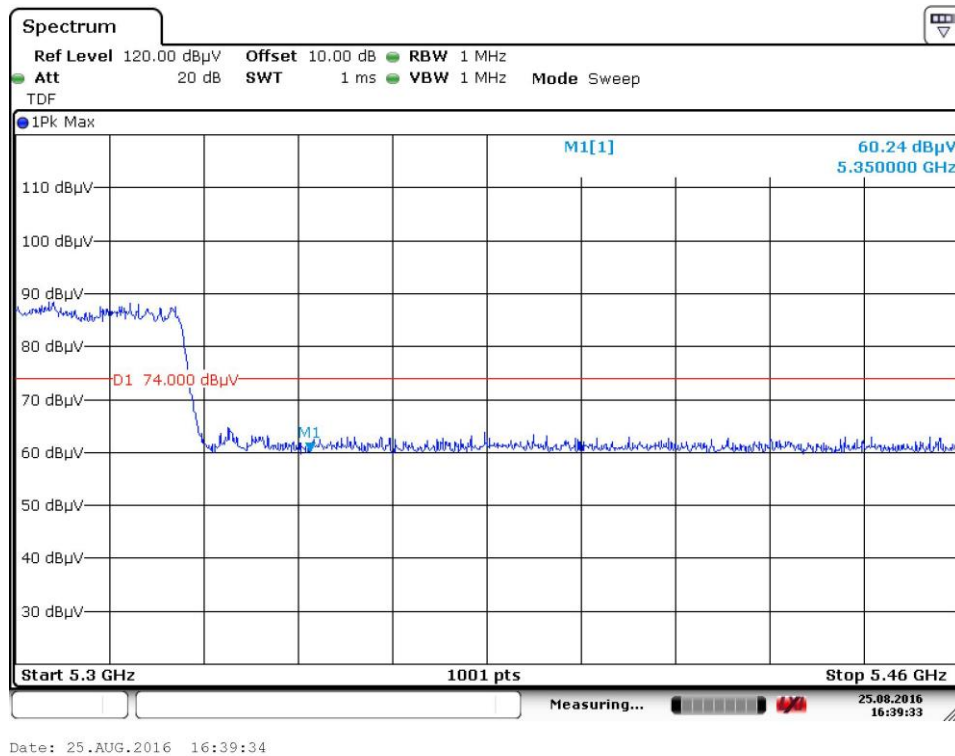
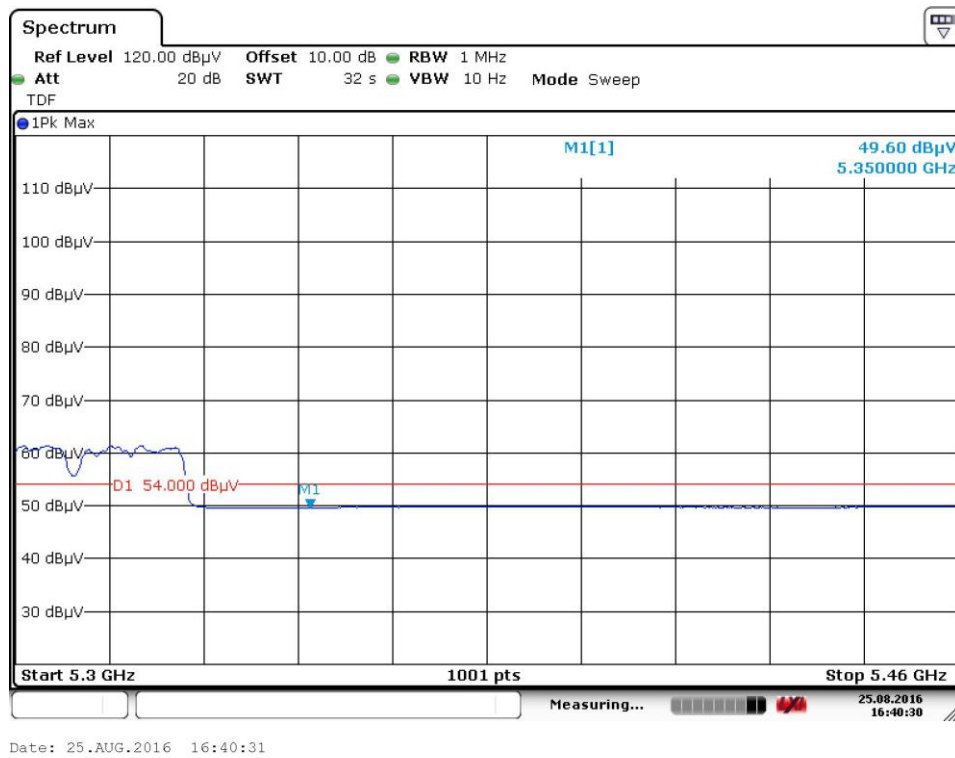


Low Channel (Ver) 5310

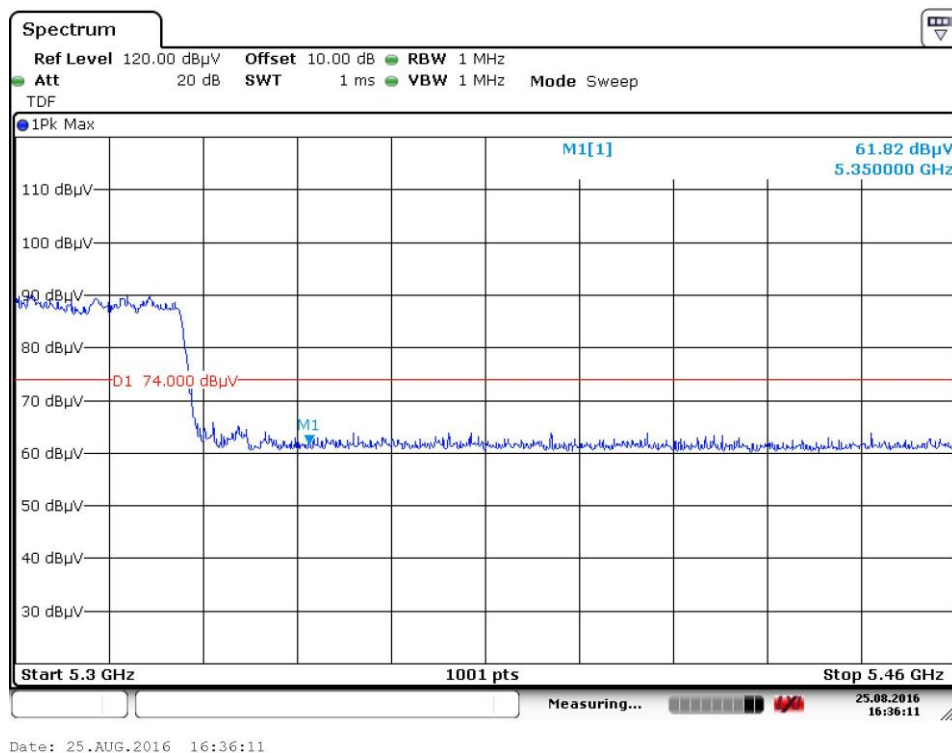
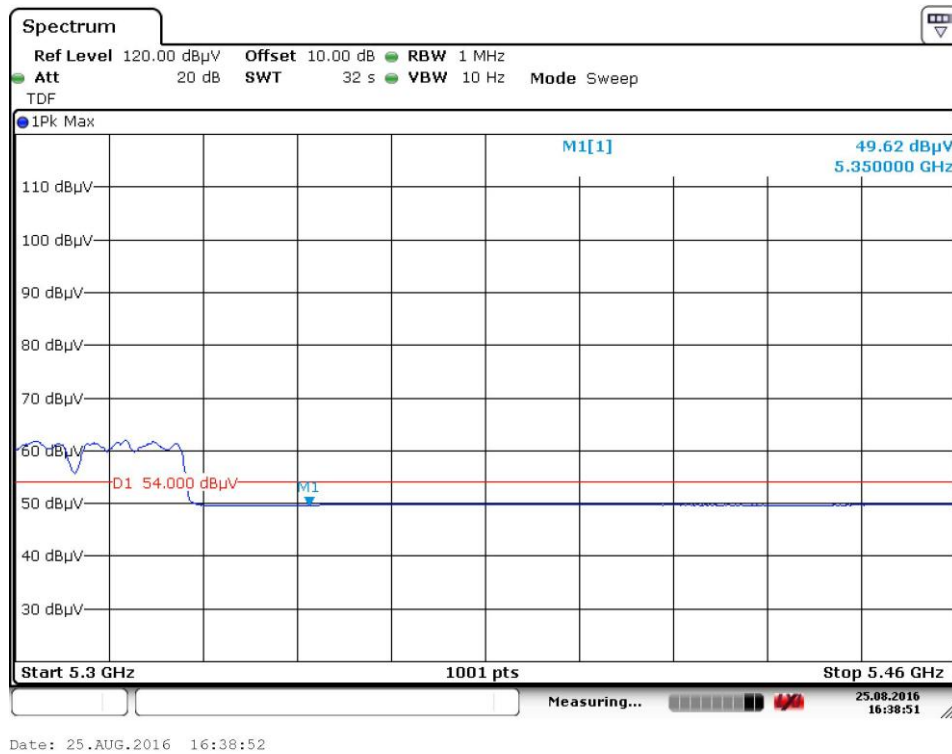


Radiated Bandedge 11ac 80

Low Channel (Hor) 5290



Low Channel (Ver) 5290



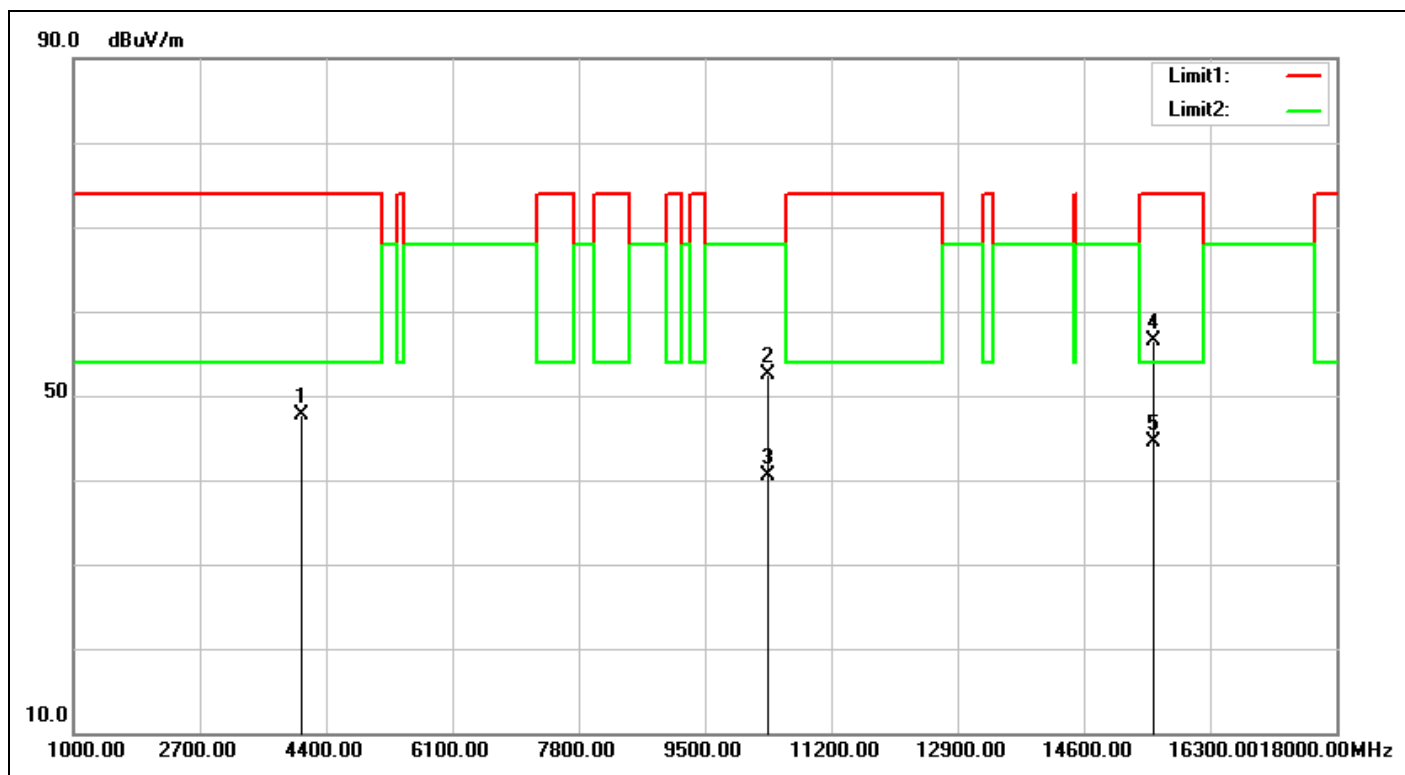
Spurious Emissions, TX Mode, 1-18G , 5150-5250MHz



TUV Taiwan

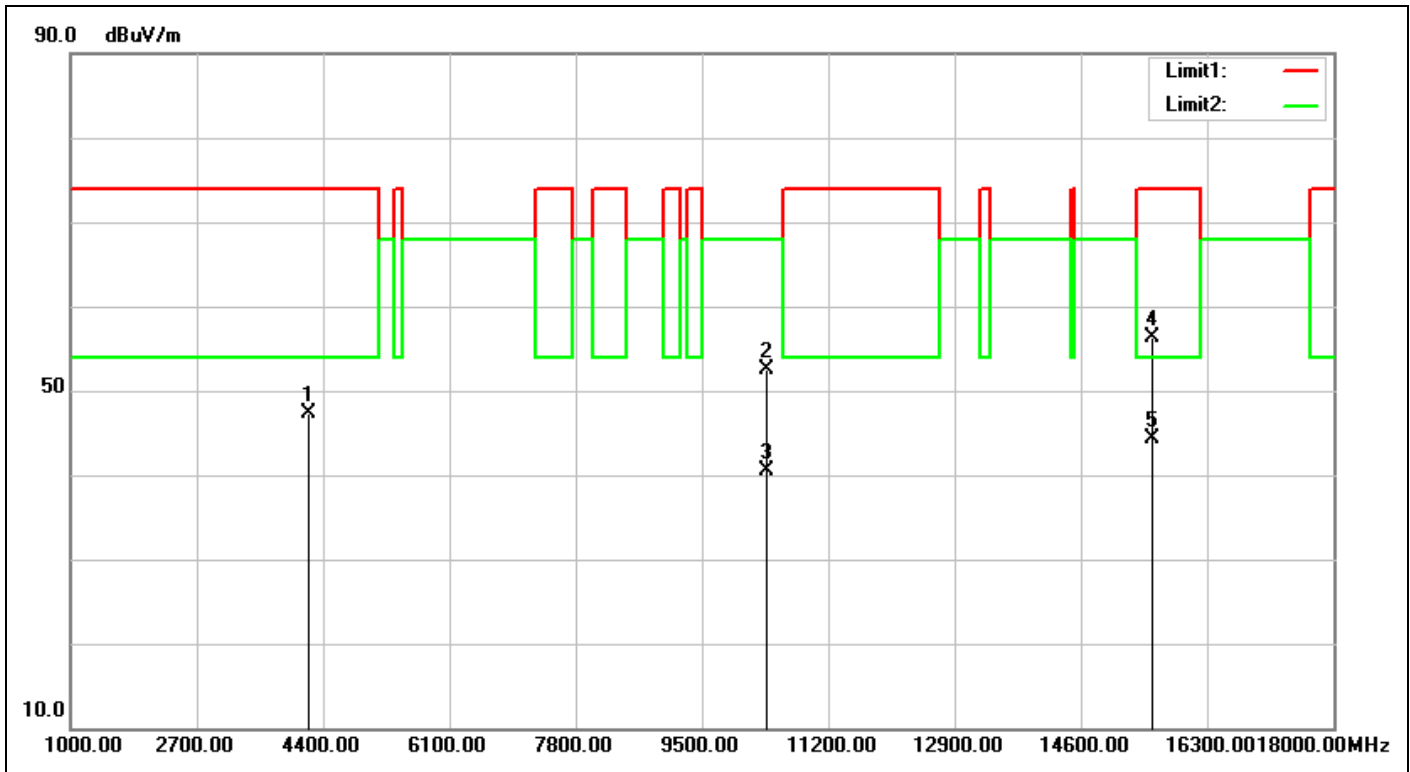
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



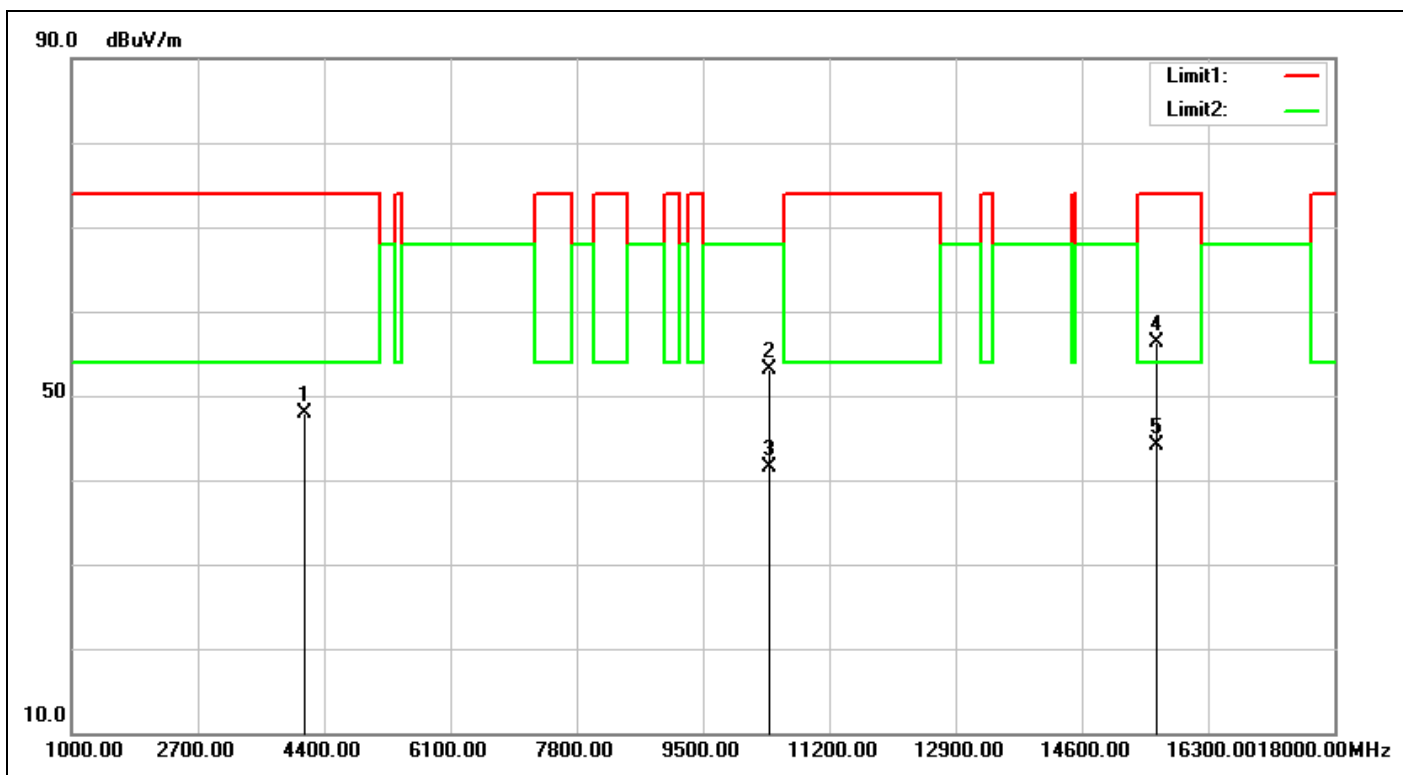
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:12:37
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4077.000	-3.57	51.21	47.64	74.00	-26.36	peak	100	129	
2	10360.000	5.87	46.60	52.47	68.00	-15.53	peak		0	
3	10360.000	5.87	34.63	40.50	68.00	-27.50	AVG		0	
4	15540.000	12.43	44.05	56.48	74.00	-17.52	peak		0	
5	15540.000	12.43	32.17	44.60	54.00	-9.40	AVG		0	



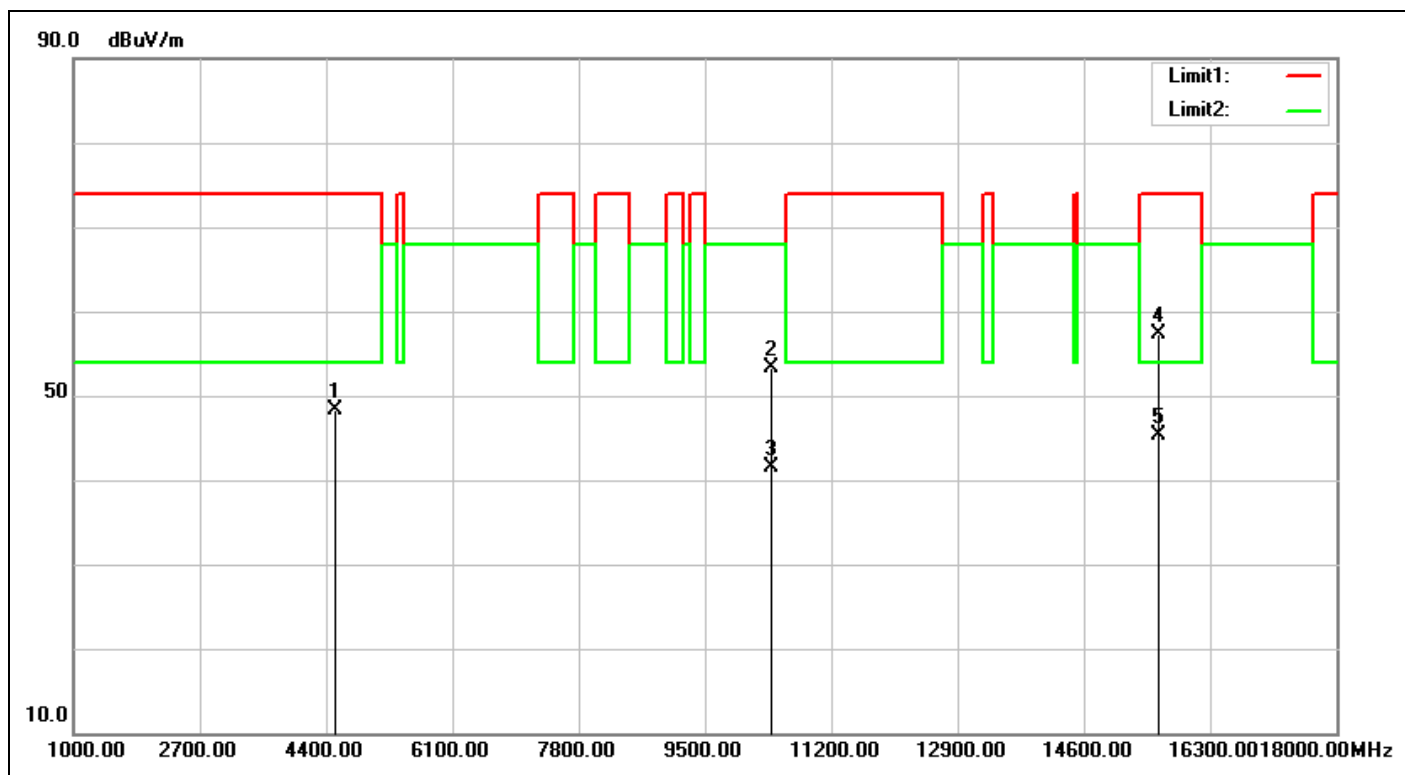
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:13:40
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4196.000	-3.14	50.54	47.40	74.00	-26.60	peak	100	186	
2	10360.000	5.87	46.66	52.53	68.00	-15.47	peak			
3	10360.000	5.87	34.73	40.60	68.00	-27.40	AVG			
4	15540.000	12.43	43.78	56.21	74.00	-17.79	peak			
5	15540.000	12.43	31.87	44.30	54.00	-9.70	AVG			



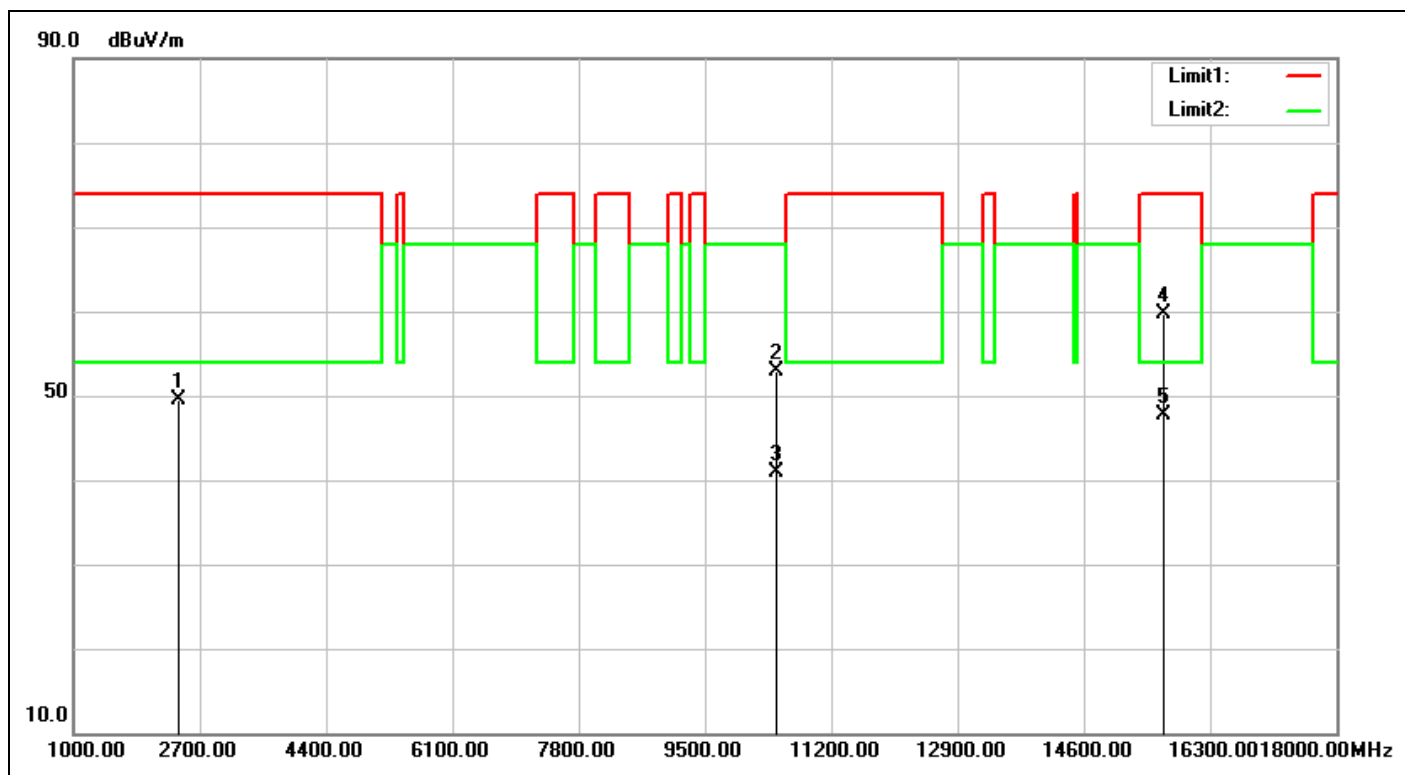
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:27:01
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-3.32	51.30	47.98	74.00	-26.02	peak	100	360	
2	10400.000	5.84	47.17	53.01	68.00	-14.99	peak			
3	10400.000	5.84	35.76	41.60	68.00	-26.40	AVG			
4	15600.000	12.70	43.61	56.31	74.00	-17.69	peak			
5	15600.000	12.70	31.50	44.20	54.00	-9.80	AVG			



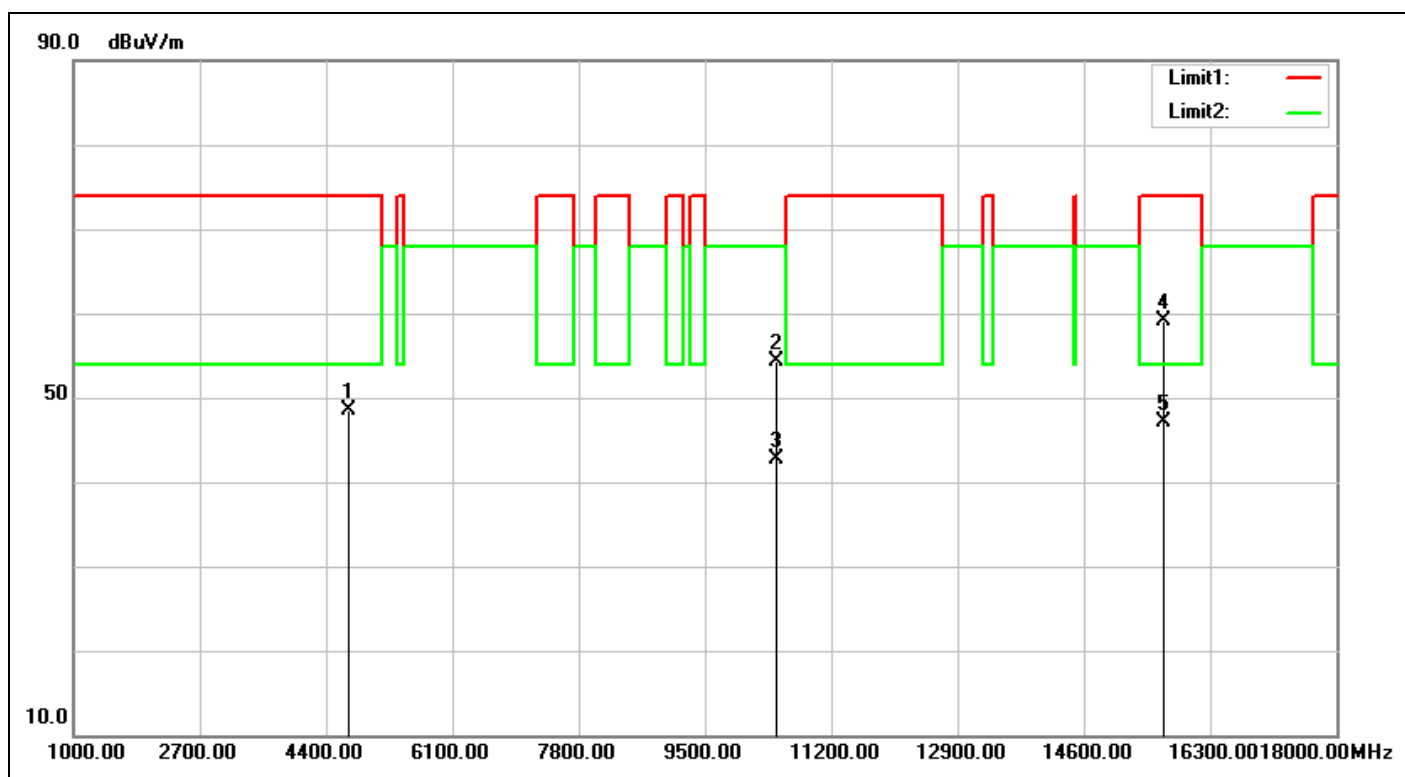
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:28:04
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4519.000	-1.96	50.23	48.27	74.00	-25.73	peak	100	73	
2	10400.000	5.84	47.41	53.25	68.00	-14.75	peak			
3	10400.000	5.84	35.66	41.50	68.00	-26.50	AVG			
4	15600.000	12.70	44.61	57.31	74.00	-16.69	peak			
5	15600.000	12.70	32.70	45.40	54.00	-8.60	AVG			



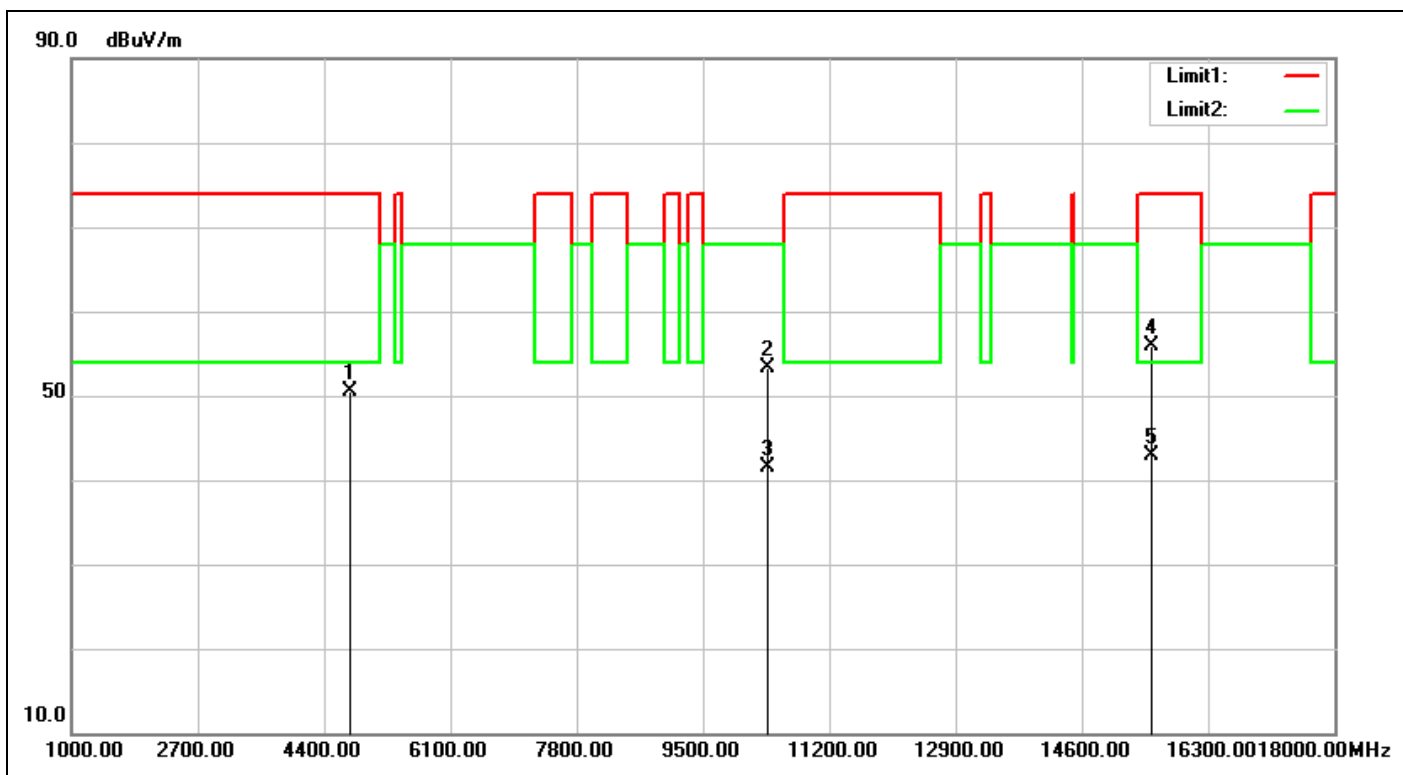
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:30:17
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2411.000	-6.16	55.61	49.45	74.00	-24.55	peak	100	191	
2	10440.000	5.79	47.02	52.81	68.00	-15.19	peak			
3	10440.000	5.79	35.11	40.90	68.00	-27.10	AVG			
4	15660.000	12.96	46.80	59.76	74.00	-14.24	peak			
5	15660.000	12.96	34.84	47.80	54.00	-6.20	AVG			



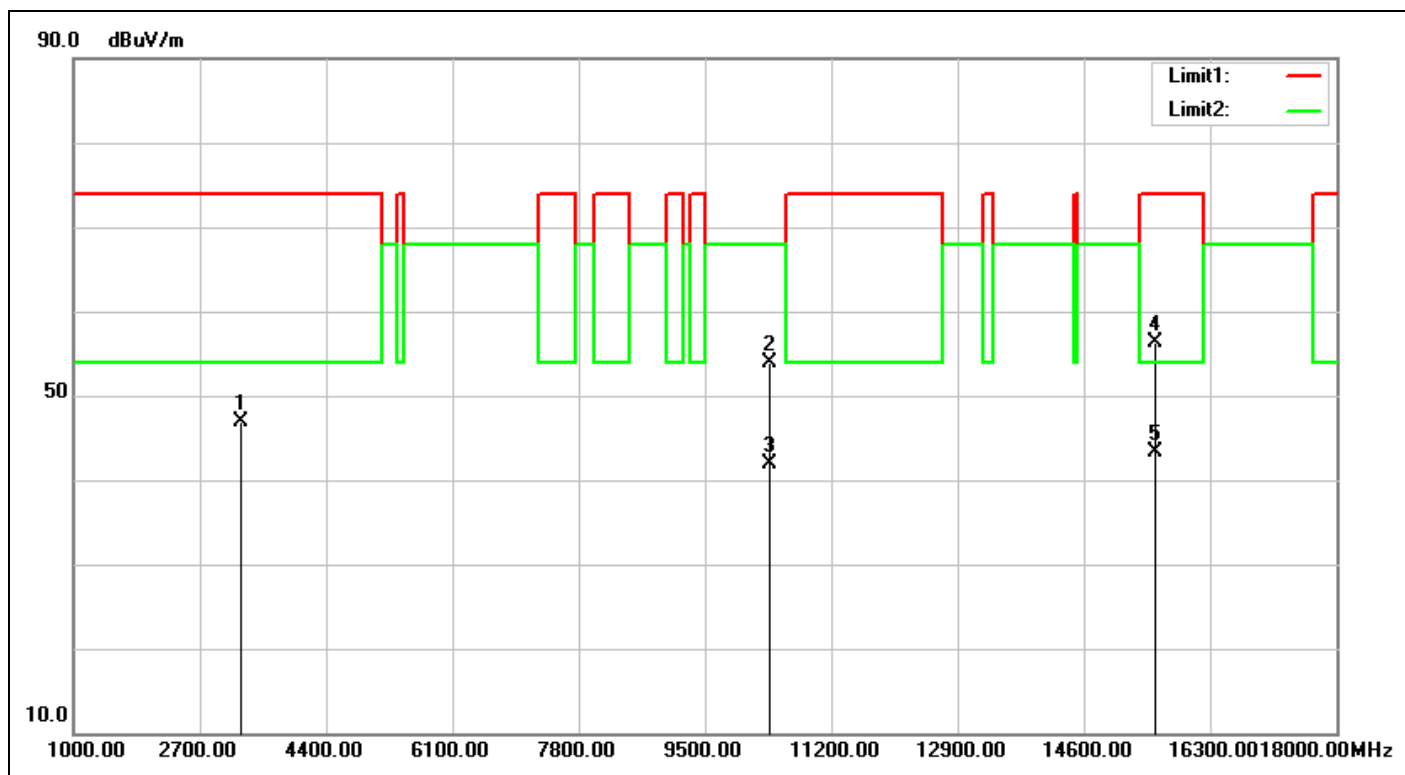
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:31:20
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4706.000	-1.76	50.35	48.59	74.00	-25.41	peak	100	358	
2	10440.000	5.79	48.43	54.22	68.00	-13.78	peak			
3	10440.000	5.79	37.01	42.80	68.00	-25.20	AVG			
4	15660.000	12.96	46.23	59.19	74.00	-14.81	peak			
5	15660.000	12.96	34.24	47.20	54.00	-6.80	AVG			



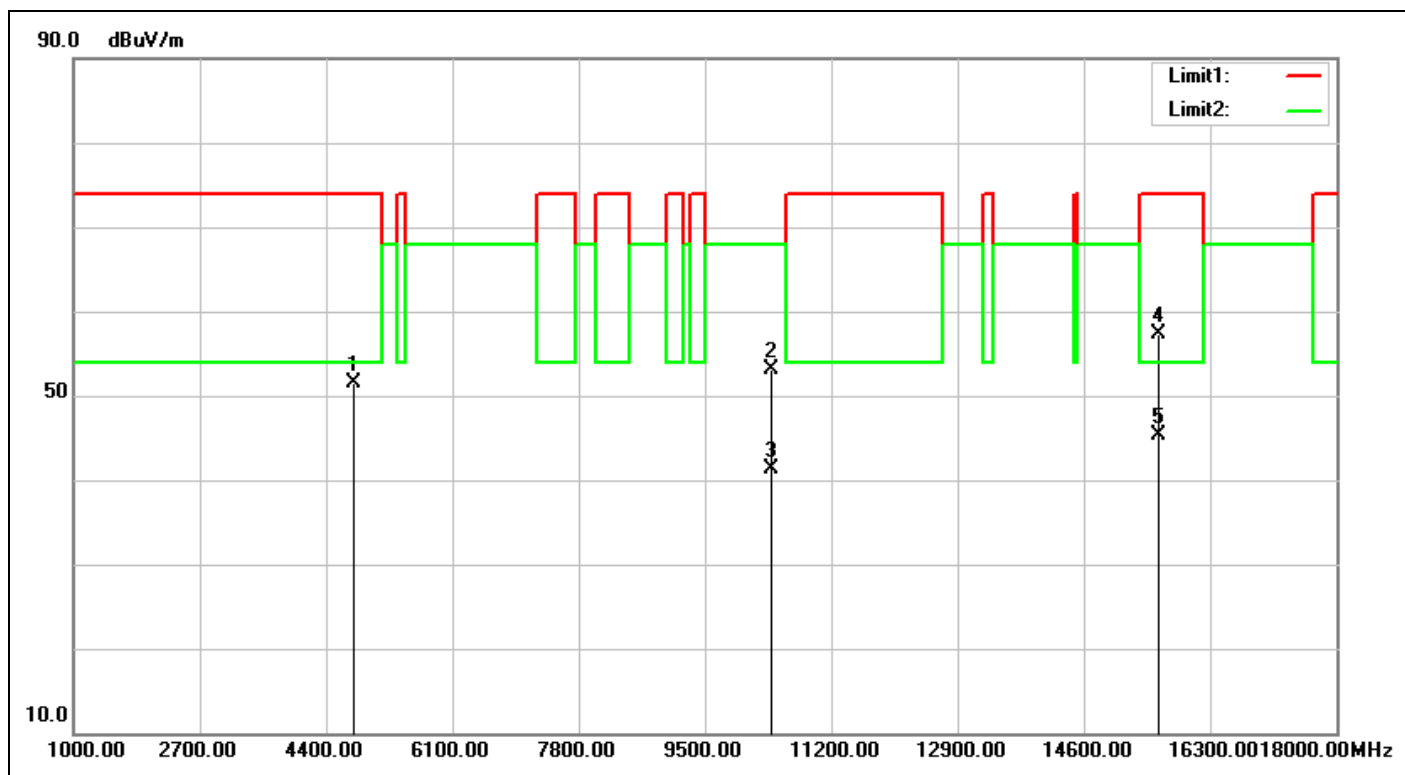
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:33:51
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	52.18	50.47	74.00	-23.53	peak	100	354	
2	10360.000	5.87	47.38	53.25	68.00	-14.75	peak			
3	10360.000	5.87	35.63	41.50	68.00	-26.50	AVG			
4	15540.000	12.43	43.47	55.90	74.00	-18.10	peak			
5	15540.000	12.43	30.47	42.90	54.00	-11.10	AVG			



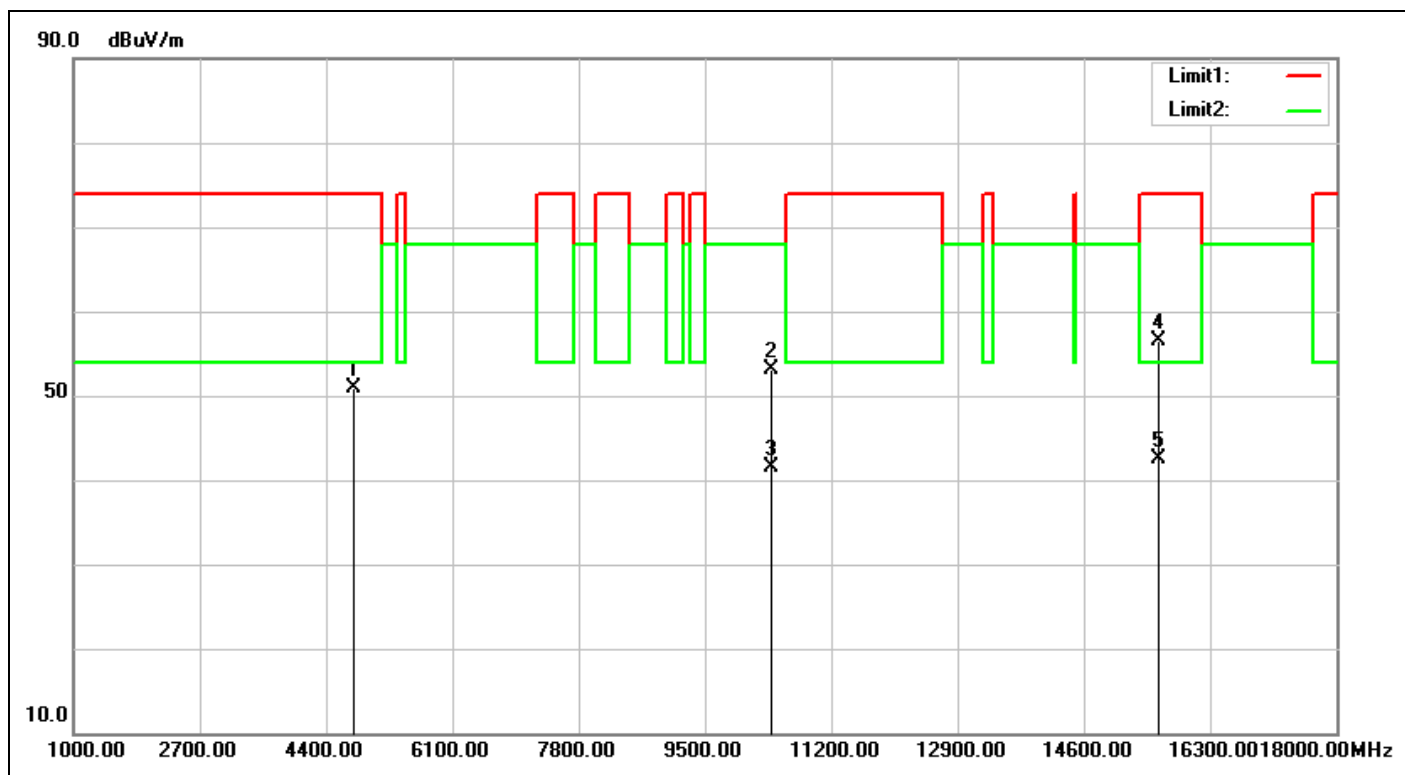
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:34:53
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5180-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3244.000	-5.06	51.87	46.81	74.00	-27.19	peak	100	29	
2	10360.000	5.87	48.05	53.92	68.00	-14.08	peak			
3	10360.000	5.87	36.13	42.00	68.00	-26.00	AVG			
4	15540.000	12.43	43.82	56.25	74.00	-17.75	peak			
5	15540.000	12.43	30.87	43.30	54.00	-10.70	AVG			



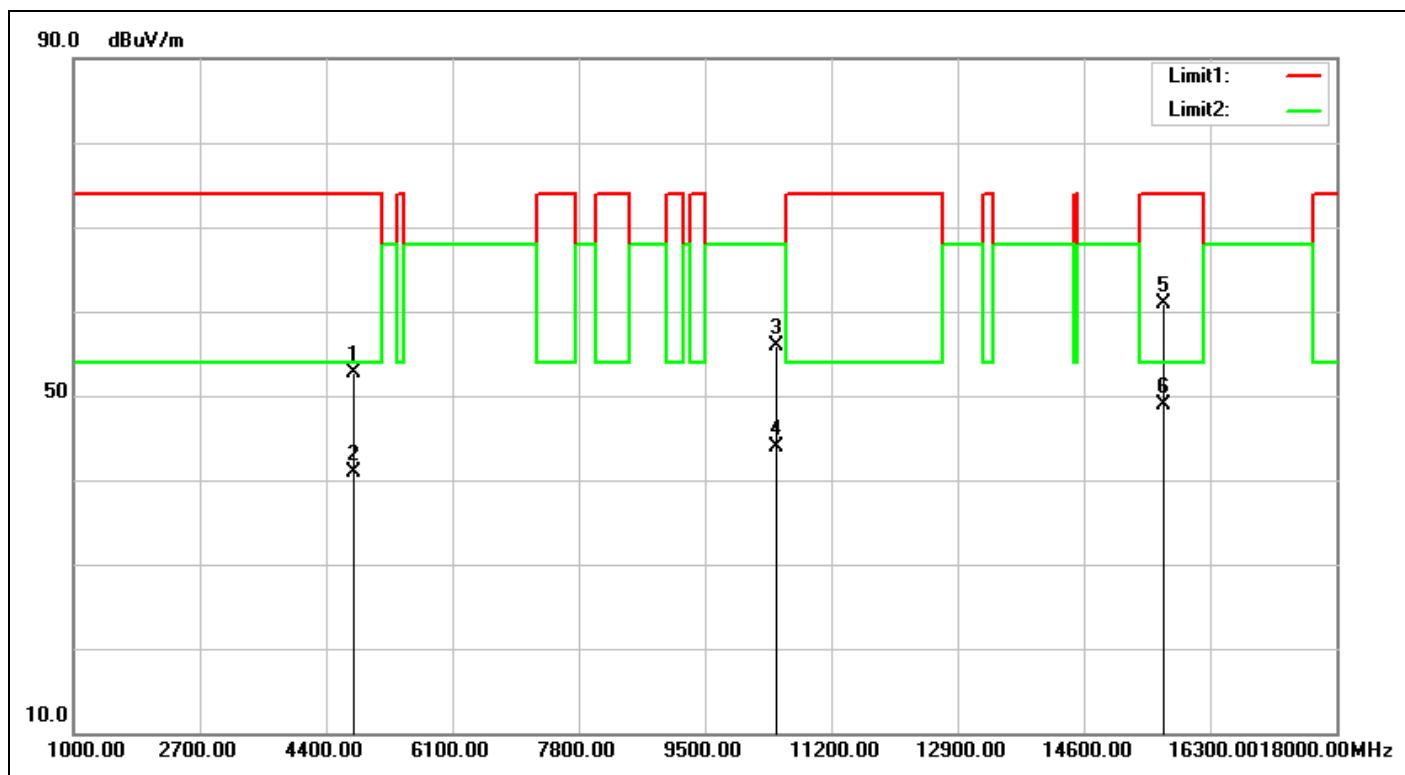
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:42:00
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4774.000	-1.69	53.11	51.42	74.00	-22.58	peak	100	296	
2	10400.000	5.84	47.29	53.13	68.00	-14.87	peak			
3	10400.000	5.84	35.46	41.30	68.00	-26.70	AVG			
4	15600.000	12.70	44.51	57.21	74.00	-16.79	peak			
5	15600.000	12.70	32.70	45.40	54.00	-8.60	AVG			



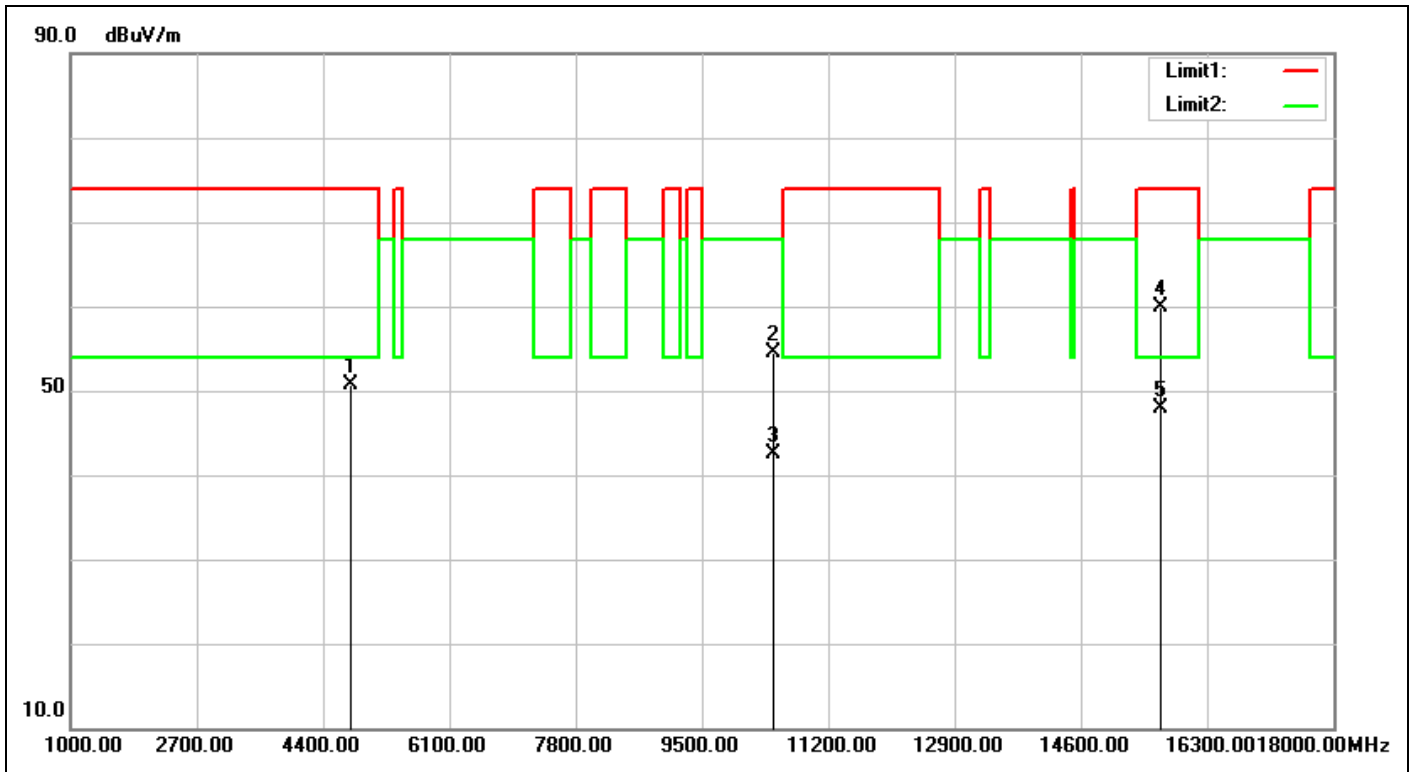
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:43:03
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5200-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4774.000	-1.69	52.59	50.90	74.00	-23.10	peak	100	252	
2	10400.000	5.84	47.27	53.11	68.00	-14.89	peak			
3	10400.000	5.84	35.66	41.50	68.00	-26.50	AVG			
4	15600.000	12.70	43.81	56.51	74.00	-17.49	peak			
5	15600.000	12.70	29.90	42.60	54.00	-11.40	AVG			



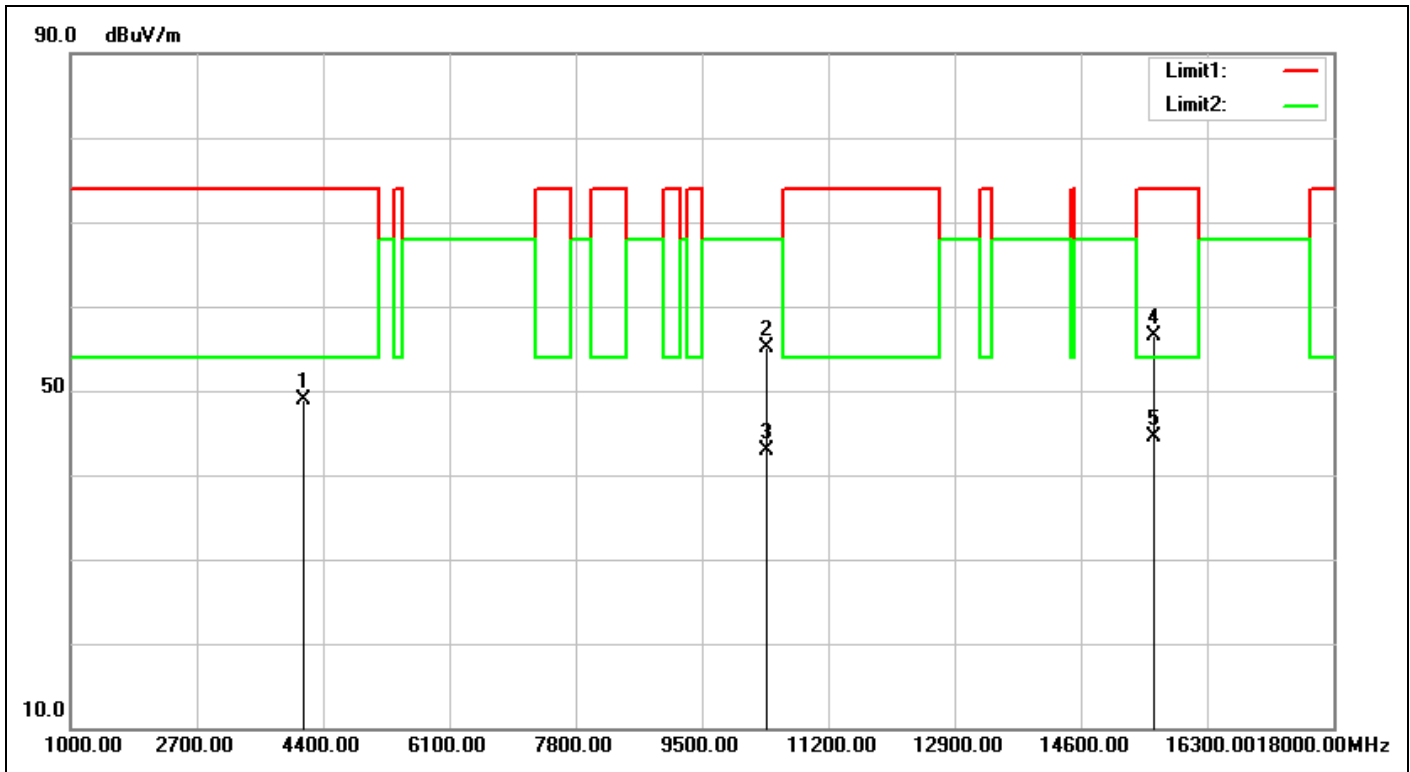
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:46:16
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4774.000	-1.69	54.47	52.78	74.00	-21.22	peak	100	307	
2	4774.000	-1.69	42.59	40.90	54.00	-13.10	AVG	100	307	
3	10440.000	5.79	50.13	55.92	68.00	-12.08	peak	100	326	
4	10440.000	5.79	38.21	44.00	68.00	-24.00	AVG	100	326	
5	15660.000	12.96	48.00	60.96	74.00	-13.04	peak			
6	15660.000	12.96	36.04	49.00	54.00	-5.00	AVG		0	



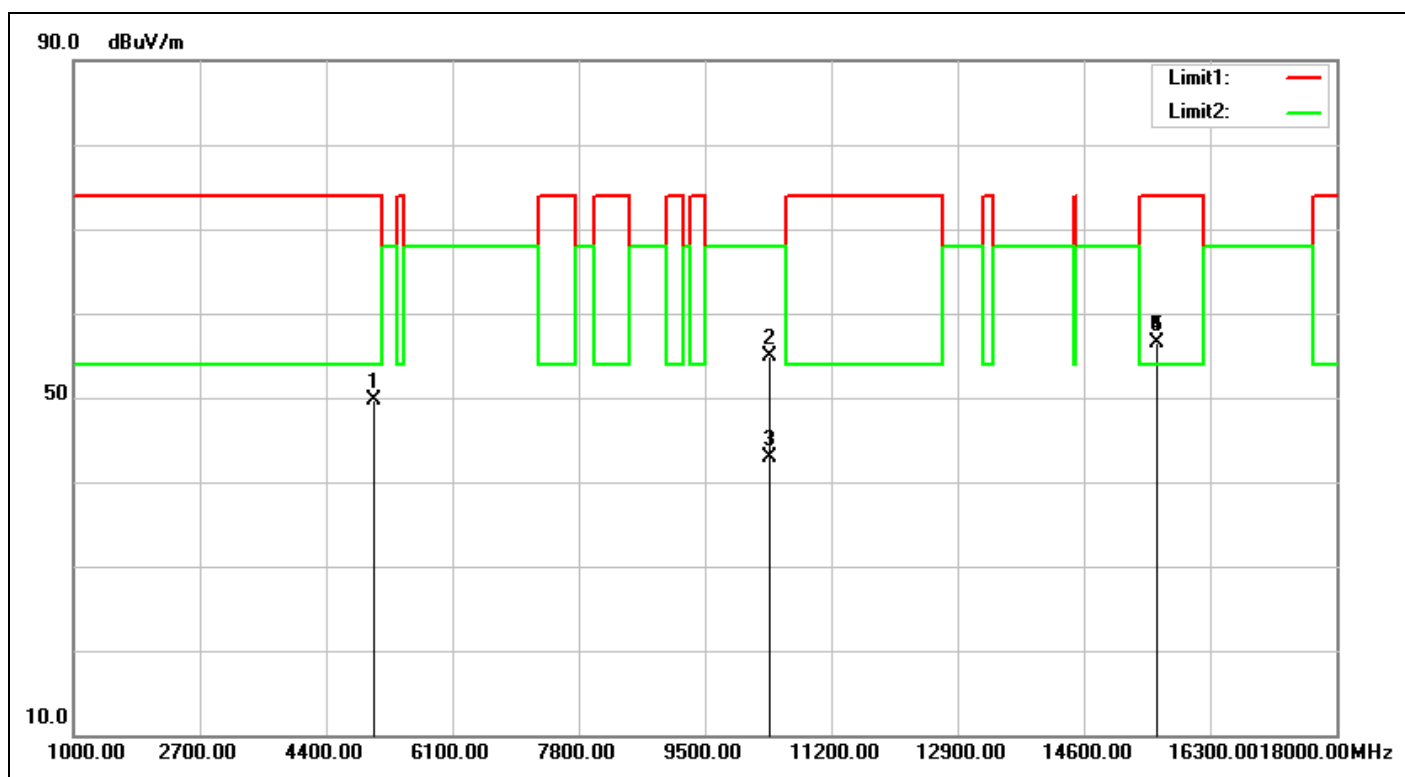
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:47:18
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5220-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4774.000	-1.69	52.37	50.68	74.00	-23.32	peak	100	327	
2	10440.000	5.79	48.75	54.54	68.00	-13.46	peak	100	120	
3	10440.000	5.79	36.81	42.60	68.00	-25.40	AVG	100	120	
4	15660.000	12.96	46.89	59.85	74.00	-14.15	peak			
5	15660.000	12.96	34.94	47.90	54.00	-6.10	AVG			



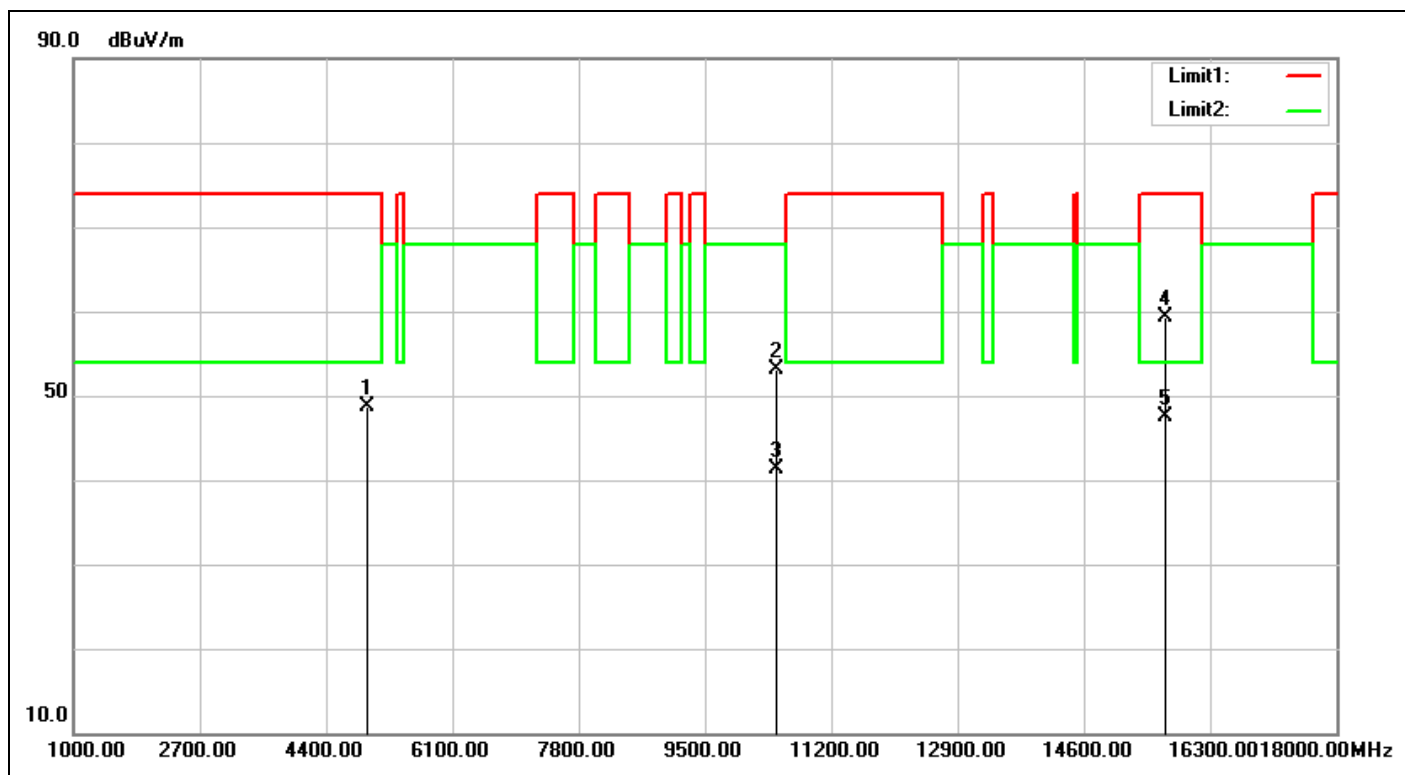
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:50:32
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-3.32	52.31	48.99	74.00	-25.01	peak	100	118	
2	10380.000	5.85	49.19	55.04	68.00	-12.96	peak	100	11	
3	10380.000	5.85	37.15	43.00	68.00	-25.00	AVG	100	11	
4	15570.000	12.57	43.90	56.47	74.00	-17.53	peak			
5	15570.000	12.57	32.03	44.60	54.00	-9.40	AVG			



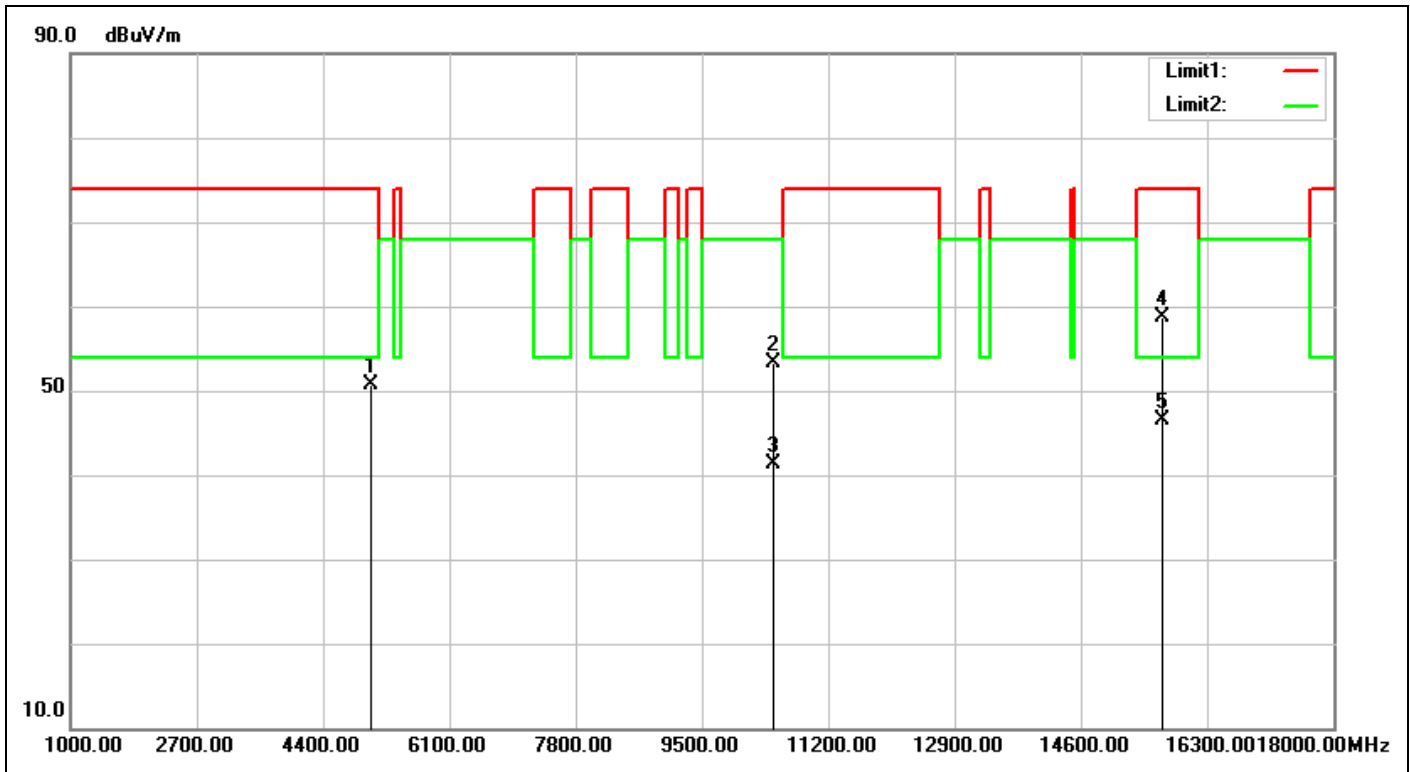
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:51:34
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5190-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5046.000	-1.19	50.98	49.79	74.00	-24.21	peak	100	358	
2	10380.000	5.85	49.10	54.95	68.00	-13.05	peak	100	3	
3	10380.000	5.85	37.15	43.00	68.00	-25.00	AVG	100	3	
4	15570.000	12.57	43.93	56.50	74.00	-17.50	peak			
5	15570.000	12.57	43.93	56.50	74.00	-17.50	peak			



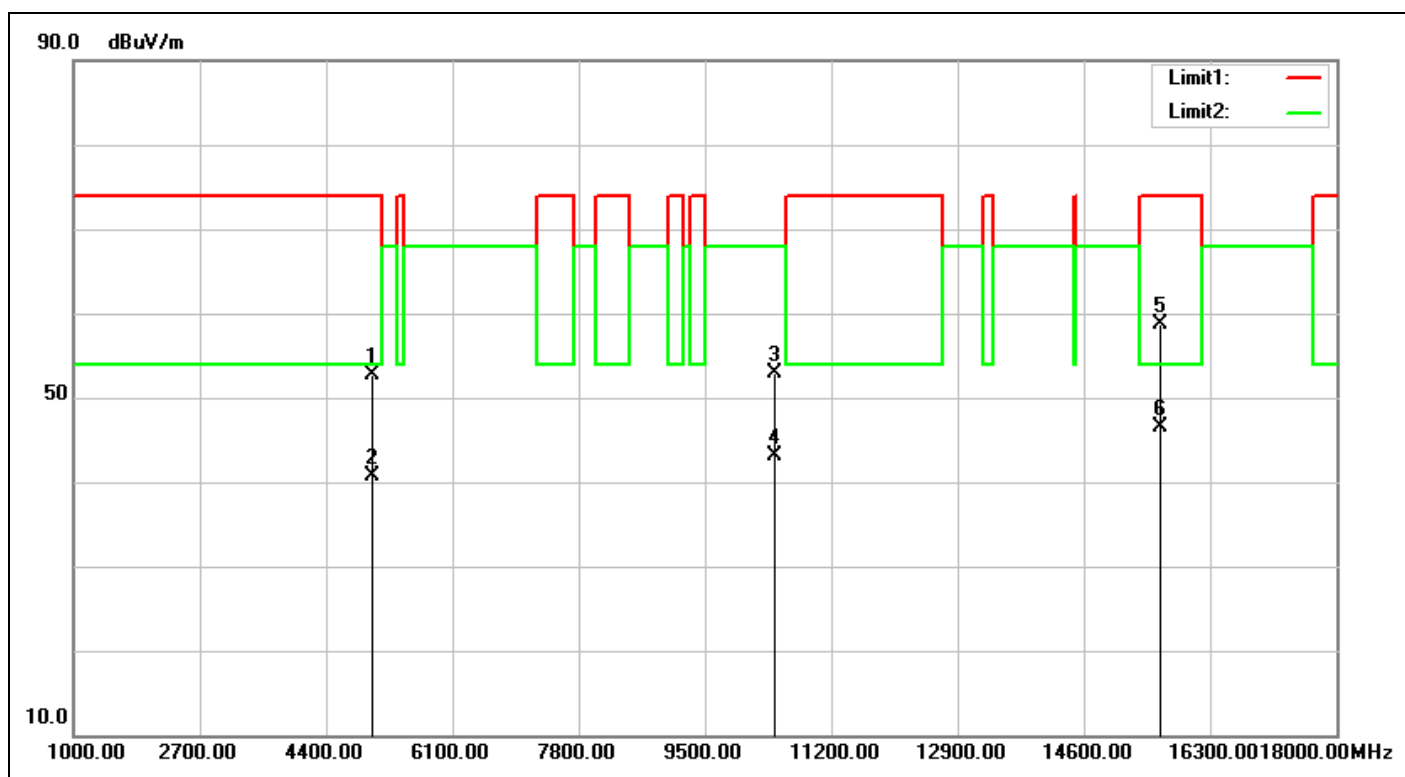
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:54:15
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.49	50.17	48.68	74.00	-25.32	peak	100	360	
2	10460.000	5.77	47.41	53.18	68.00	-14.82	peak			
3	10460.000	5.77	35.63	41.40	68.00	-26.60	AVG			
4	15690.000	13.11	46.27	59.38	74.00	-14.62	peak			
5	15690.000	13.11	34.39	47.50	54.00	-6.50	AVG			



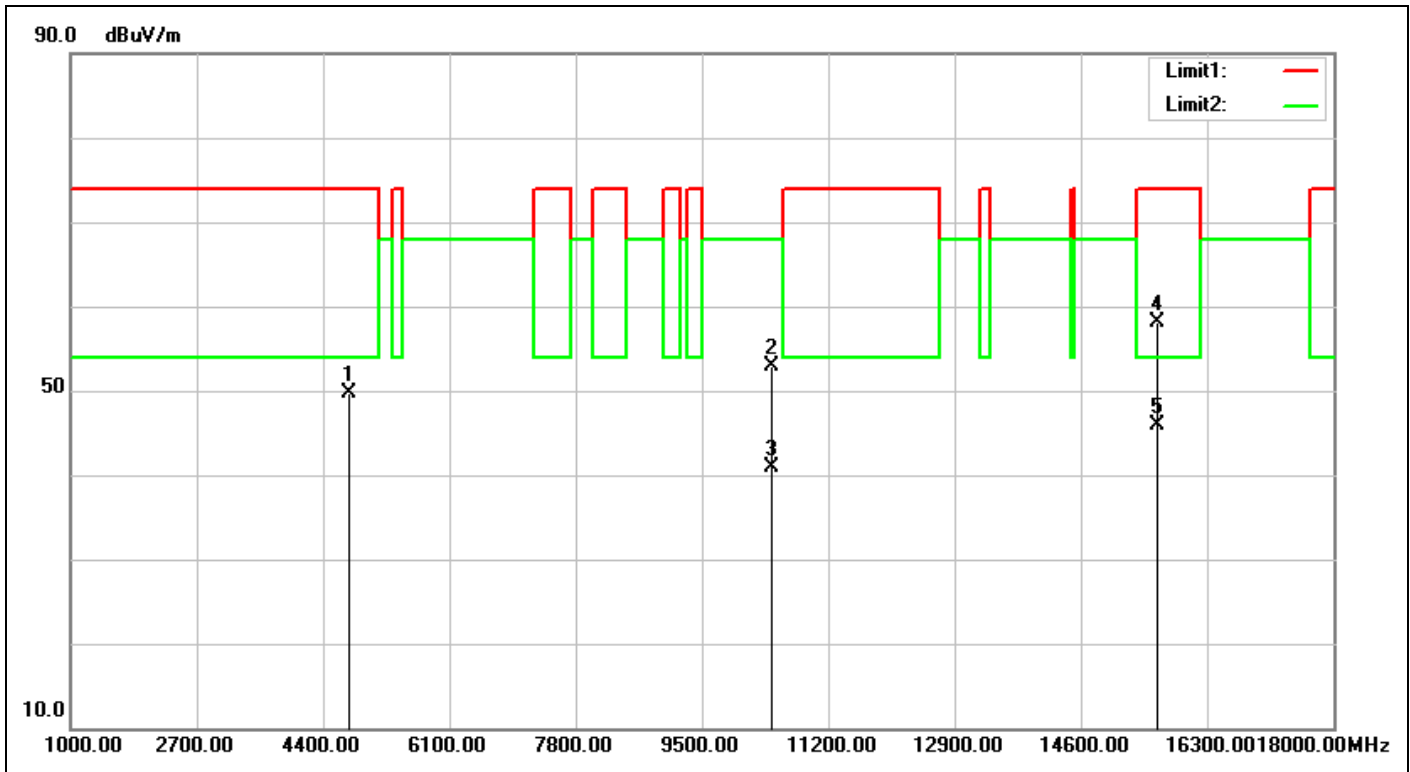
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:55:18
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5230-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5046.000	-1.19	51.85	50.66	74.00	-23.34	peak	100	78	
2	10460.000	5.77	47.53	53.30	68.00	-14.70	peak			
3	10460.000	5.77	35.53	41.30	68.00	-26.70	AVG			
4	15690.000	13.11	45.68	58.79	74.00	-15.21	peak			
5	15690.000	13.11	33.39	46.50	54.00	-7.50	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 19:57:44
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5210-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5029.000	-1.28	53.92	52.64	74.00	-21.36	peak	100	326	
2	5029.000	-1.28	42.08	40.80	54.00	-13.20	AVG	100	326	
3	10420.000	5.82	47.15	52.97	68.00	-15.03	peak			
4	10420.000	5.82	37.28	43.10	68.00	-24.90	AVG			
5	15630.000	12.83	45.79	58.62	74.00	-15.38	peak			
6	15630.000	12.83	33.77	46.60	54.00	-7.40	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 19:58:47
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5210-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	51.37	49.66	74.00	-24.34	peak	100	156	
2	10420.000	5.82	47.04	52.86	68.00	-15.14	peak			
3	10420.000	5.82	35.18	41.00	68.00	-27.00	AVG			
4	15630.000	12.83	45.23	58.06	74.00	-15.94	peak			
5	15630.000	12.83	33.17	46.00	54.00	-8.00	AVG			

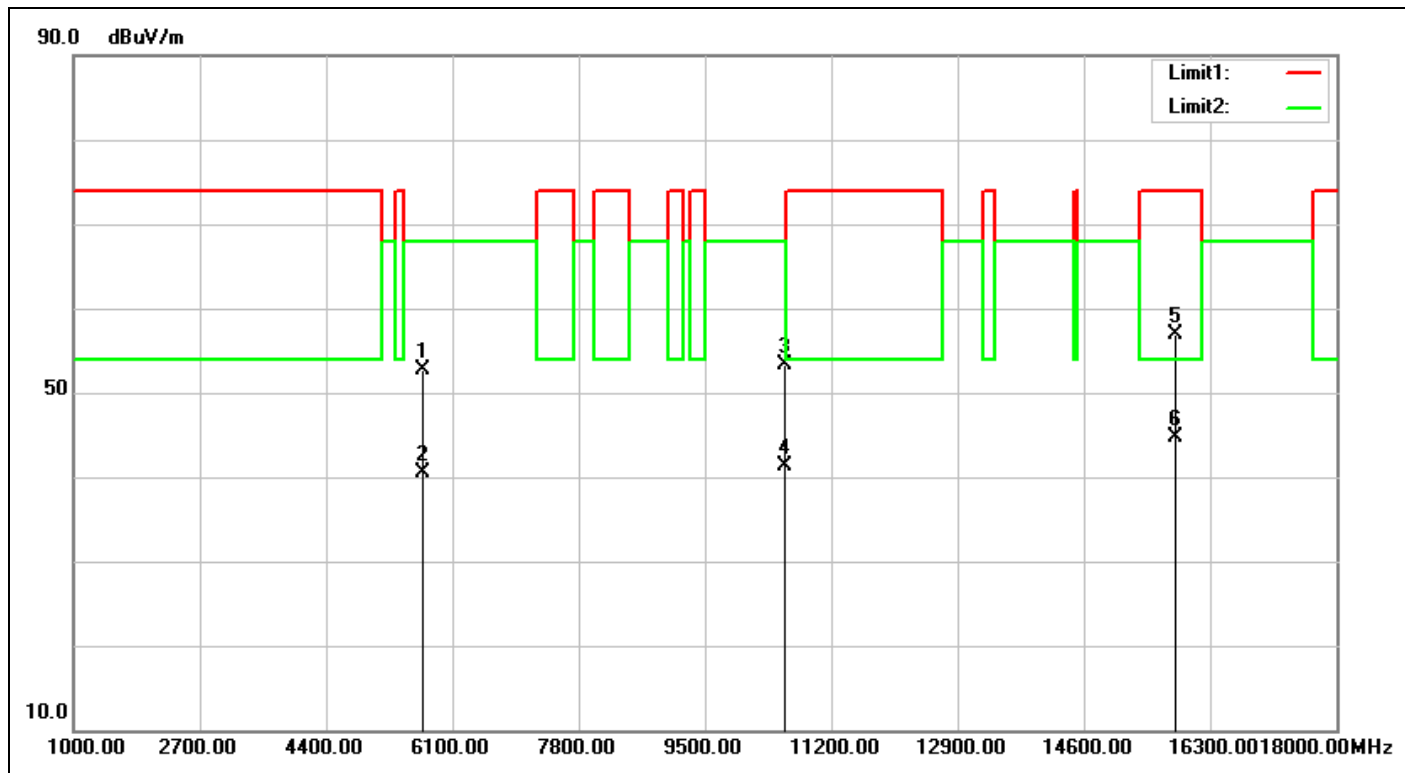
Spurious Emissions, TX Mode, 1-18G , 5250-5350MHz



TUV Taiwan

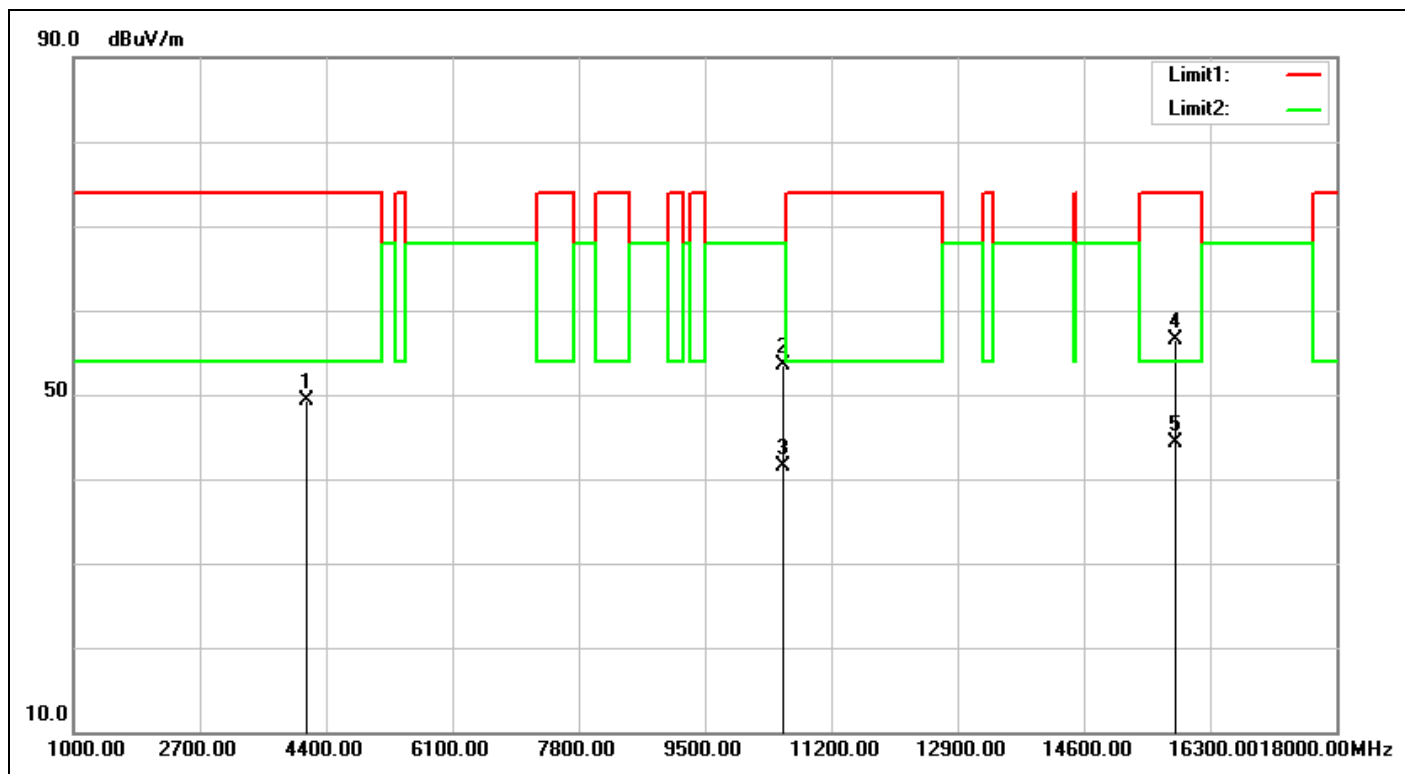
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



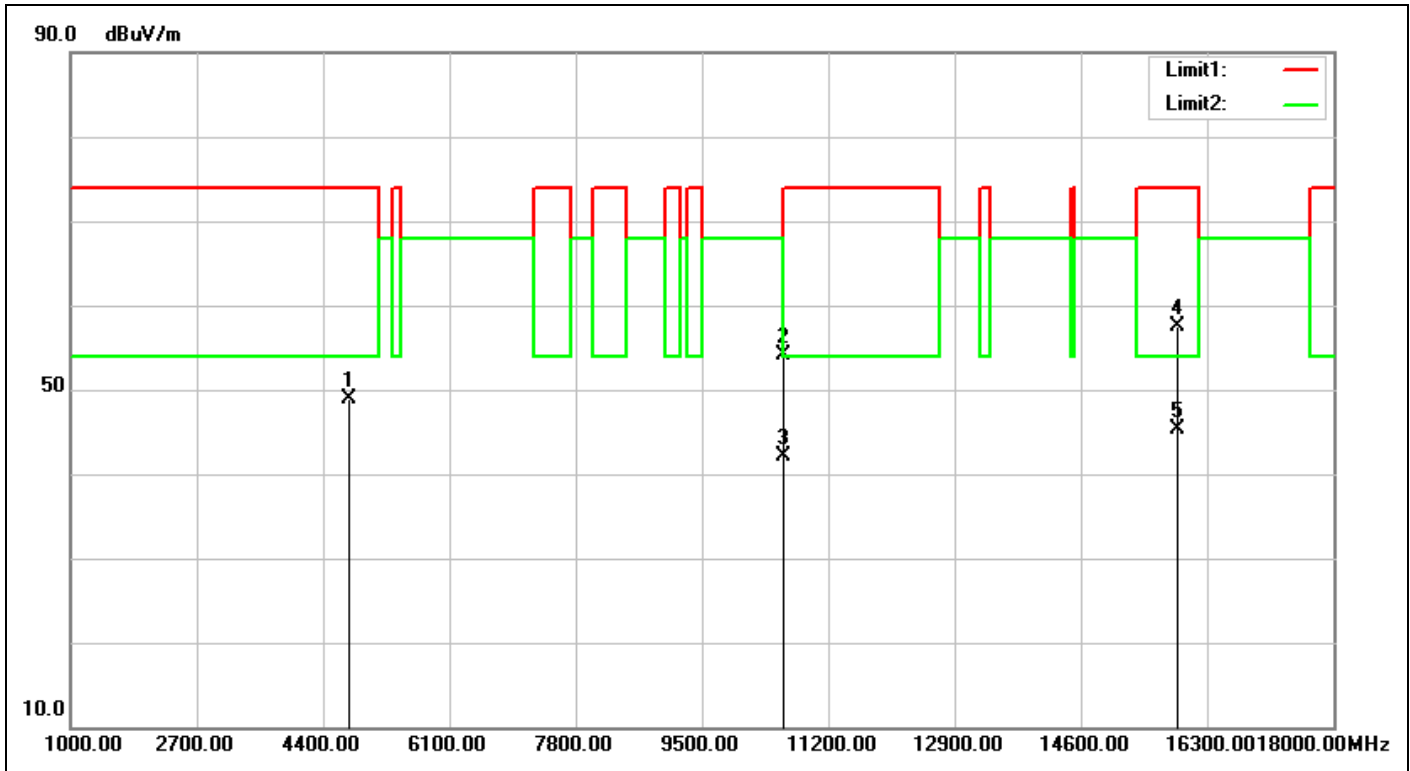
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:11:21
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5709.000	2.66	50.02	52.68	68.00	-15.32	peak	100	274	
2	5709.000	2.66	37.84	40.50	68.00	-27.50	AVG	100	274	
3	10560.000	5.64	47.63	53.27	68.00	-14.73	peak		0	
4	10560.000	5.64	35.66	41.30	68.00	-26.70	AVG		0	
5	15840.000	13.78	43.05	56.83	74.00	-17.17	peak		0	
6	15840.000	13.78	31.02	44.80	54.00	-9.20	AVG		0	



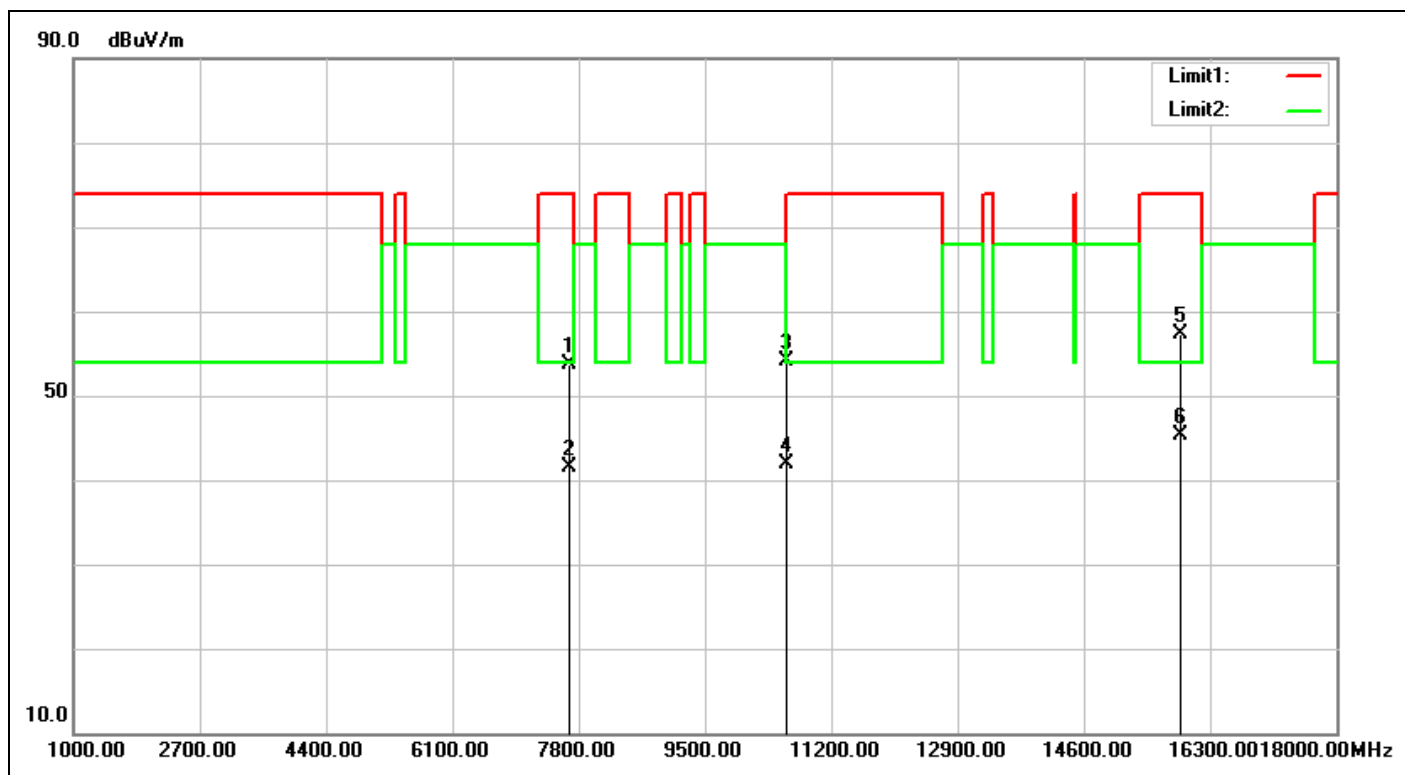
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:12:23
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-3.32	52.57	49.25	74.00	-24.75	peak	100	125	
2	10560.000	5.64	47.80	53.44	68.00	-14.56	peak			
3	10560.000	5.64	35.86	41.50	68.00	-26.50	AVG			
4	15840.000	13.78	42.70	56.48	74.00	-17.52	peak			
5	15840.000	13.78	30.62	44.40	54.00	-9.60	AVG			



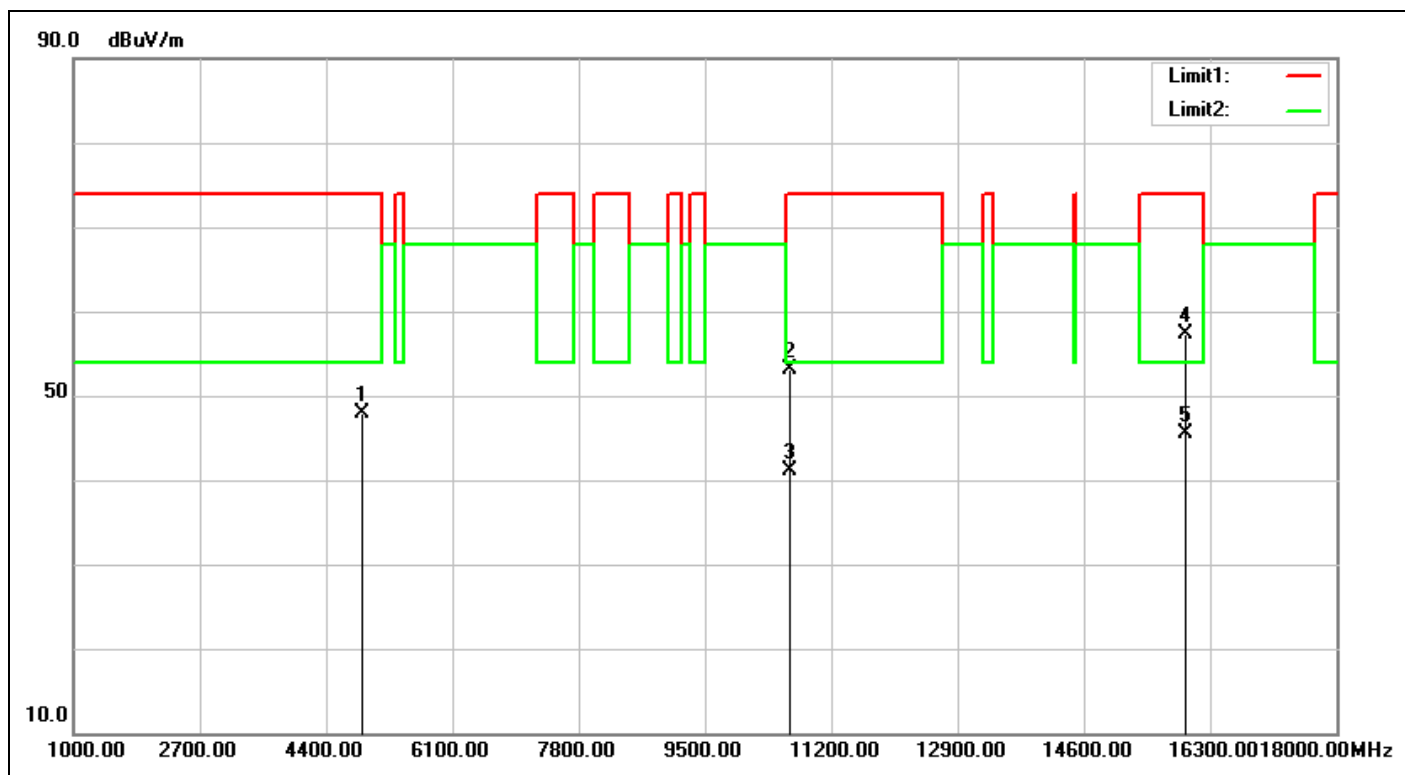
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:18:15
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	50.56	48.85	74.00	-25.15	peak	100	249	
2	10600.000	5.59	48.44	54.03	68.00	-13.97	peak			
3	10600.000	5.59	36.51	42.10	54.00	-11.90	AVG			
4	15900.000	14.04	43.42	57.46	74.00	-16.54	peak			
5	15900.000	14.04	31.36	45.40	54.00	-8.60	AVG			



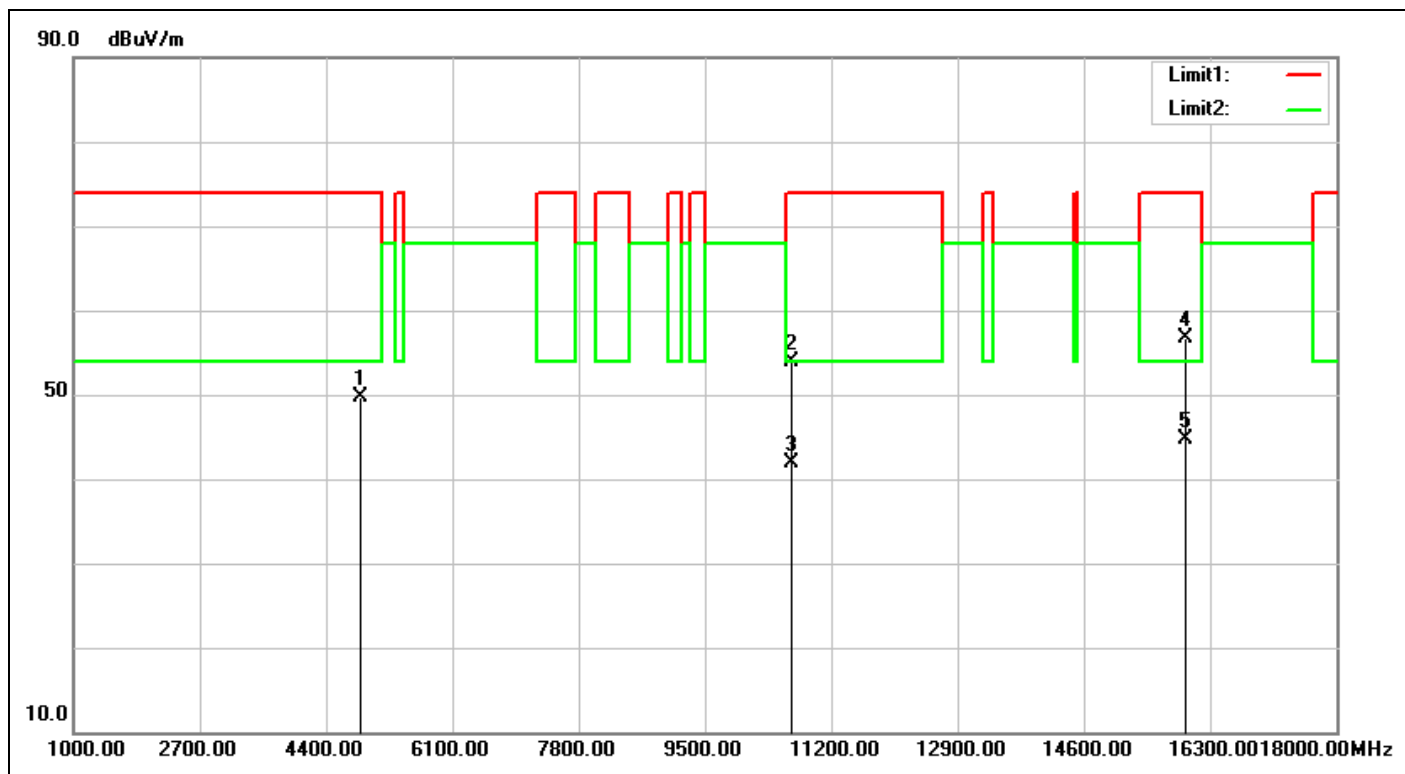
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:19:17
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	7681.000	7.16	46.52	53.68	74.00	-20.32	peak	100	344	
2	7681.000	7.16	34.44	41.60	54.00	-12.40	AVG	100	344	
3	10600.000	5.59	48.45	54.04	68.00	-13.96	peak			
4	10600.000	5.59	36.41	42.00	54.00	-12.00	AVG			
5	15900.000	14.04	43.19	57.23	74.00	-16.77	peak			
6	15900.000	14.04	31.26	45.30	54.00	-8.70	AVG			



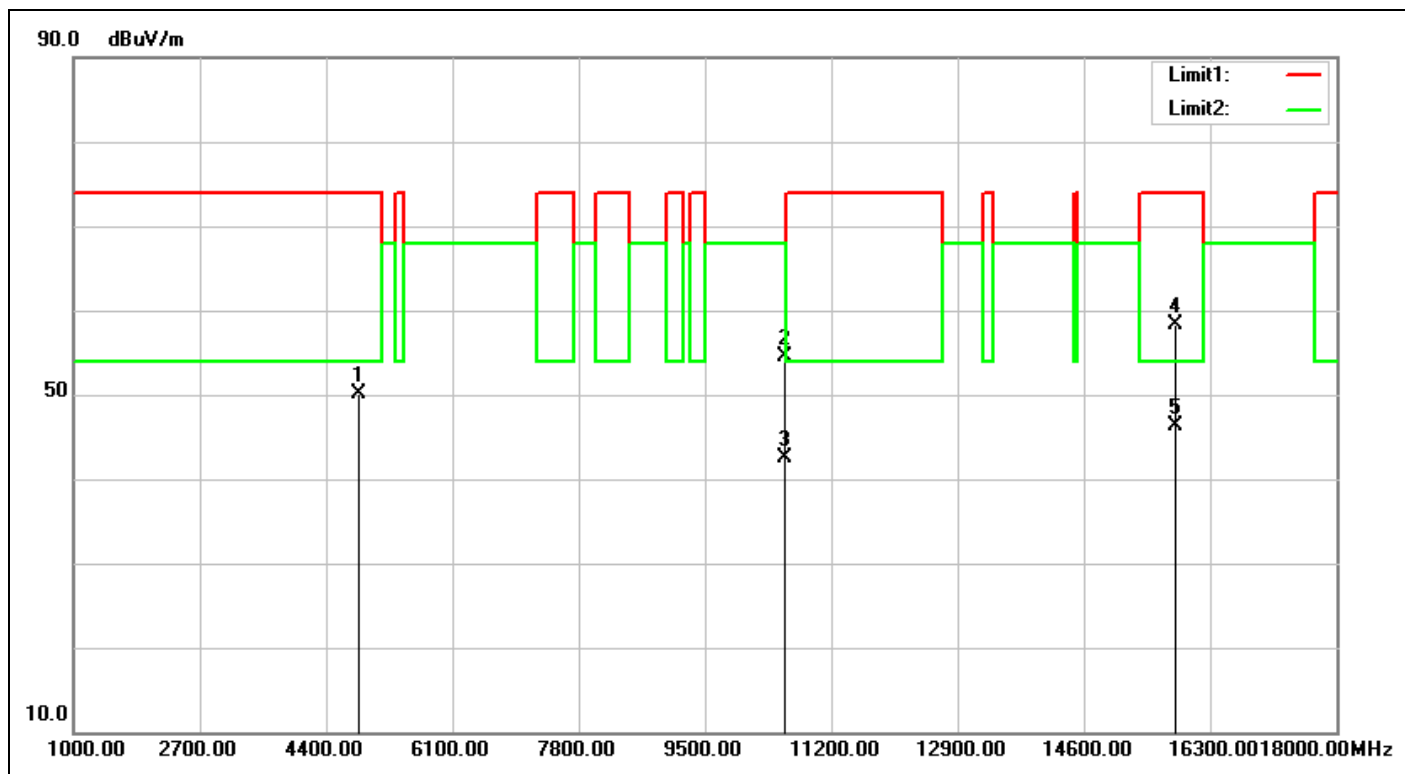
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:21:33
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5320-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4876.000	-1.57	49.56	47.99	74.00	-26.01	peak	100	243	
2	10640.000	5.52	47.57	53.09	74.00	-20.91	peak			
3	10640.000	5.52	35.58	41.10	54.00	-12.90	AVG			
4	15960.000	14.31	43.09	57.40	74.00	-16.60	peak			
5	15960.000	14.31	31.29	45.60	54.00	-8.40	AVG			



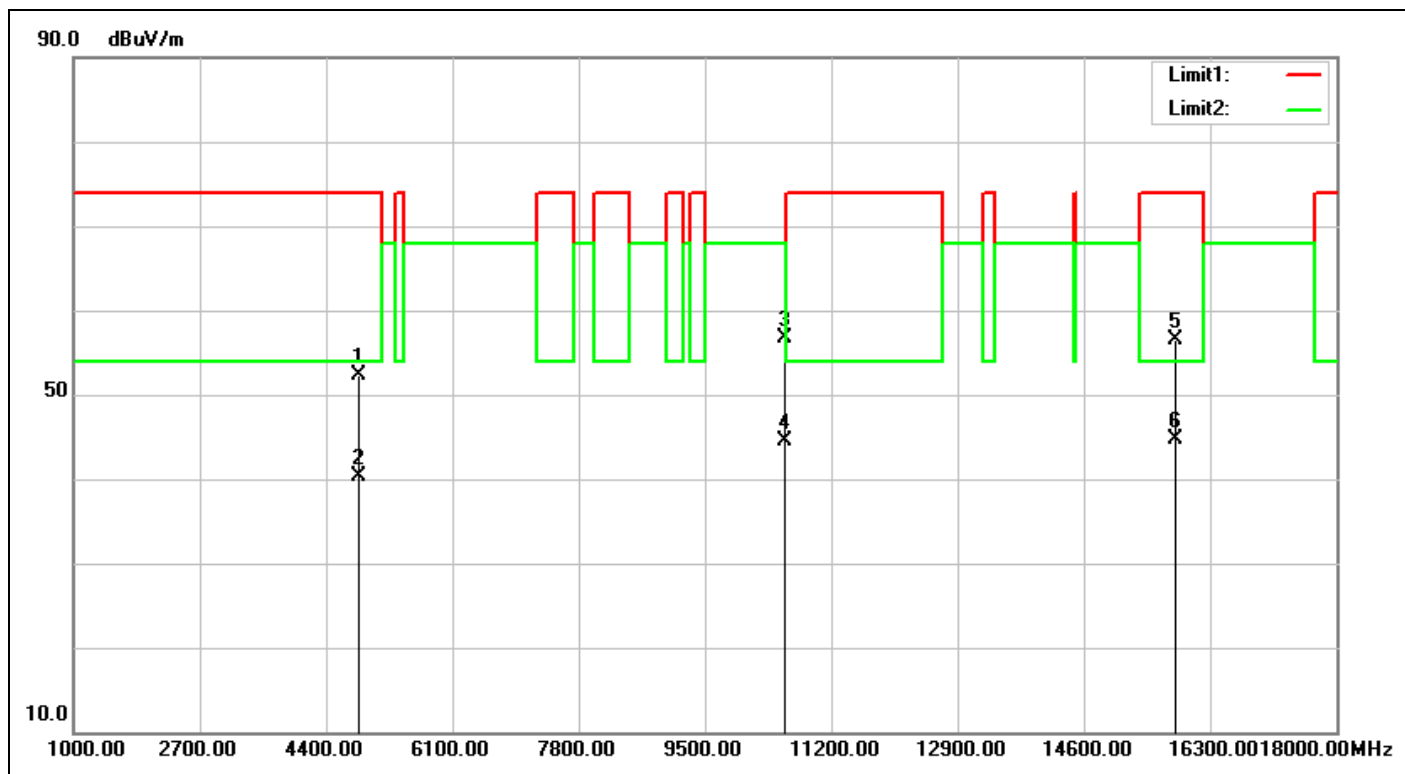
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:22:36
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5320-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4859.000	-1.60	51.32	49.72	74.00	-24.28	peak	100	233	
2	10640.000	5.52	48.32	53.84	74.00	-20.16	peak			
3	10640.000	5.52	36.48	42.00	54.00	-12.00	AVG			
4	15960.000	14.31	42.42	56.73	74.00	-17.27	peak			
5	15960.000	14.31	30.39	44.70	54.00	-9.30	AVG			



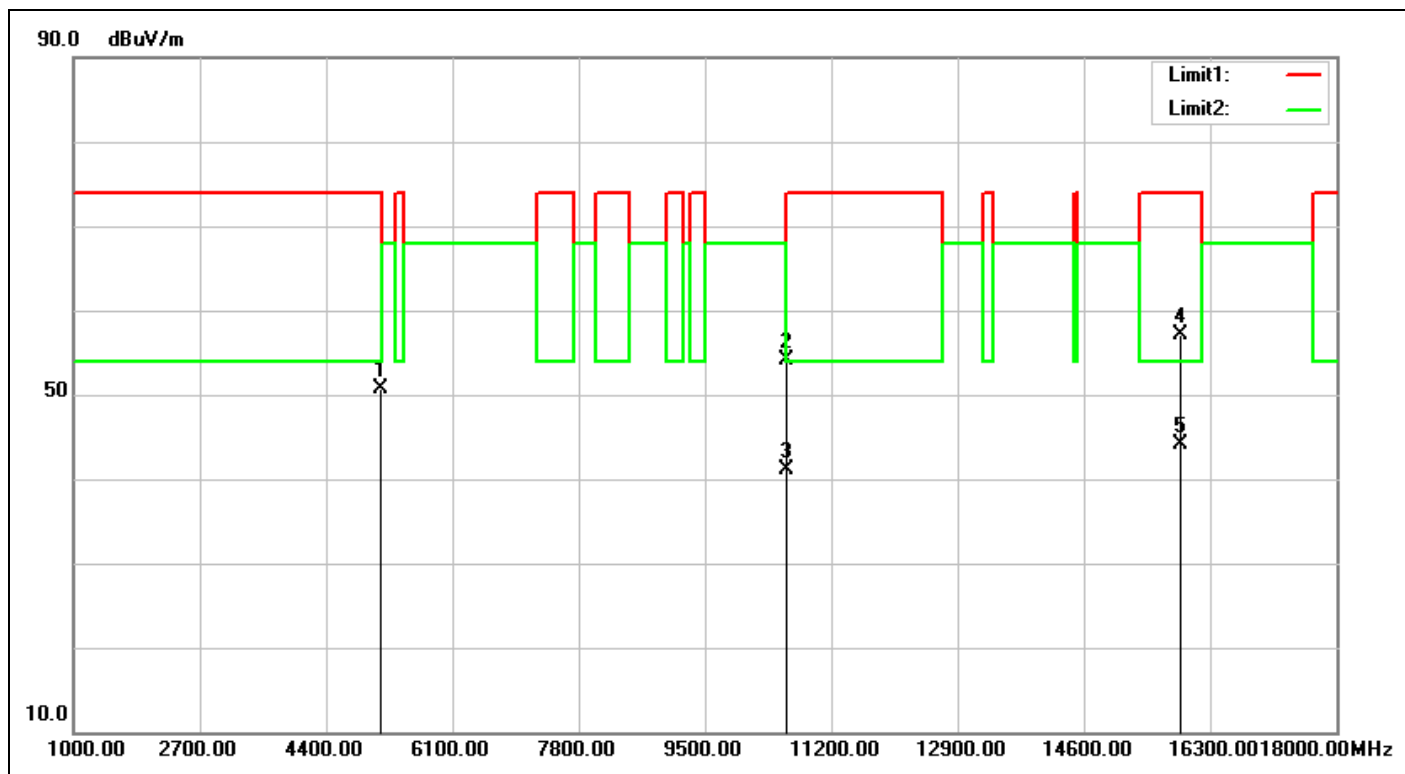
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:25:00
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.61	51.70	50.09	74.00	-23.91	peak	100	307	
2	10560.000	5.64	48.78	54.42	68.00	-13.58	peak			
3	10560.000	5.64	36.86	42.50	68.00	-25.50	AVG			
4	15840.000	13.78	44.53	58.31	74.00	-15.69	peak			
5	15840.000	13.78	32.52	46.30	54.00	-7.70	AVG			



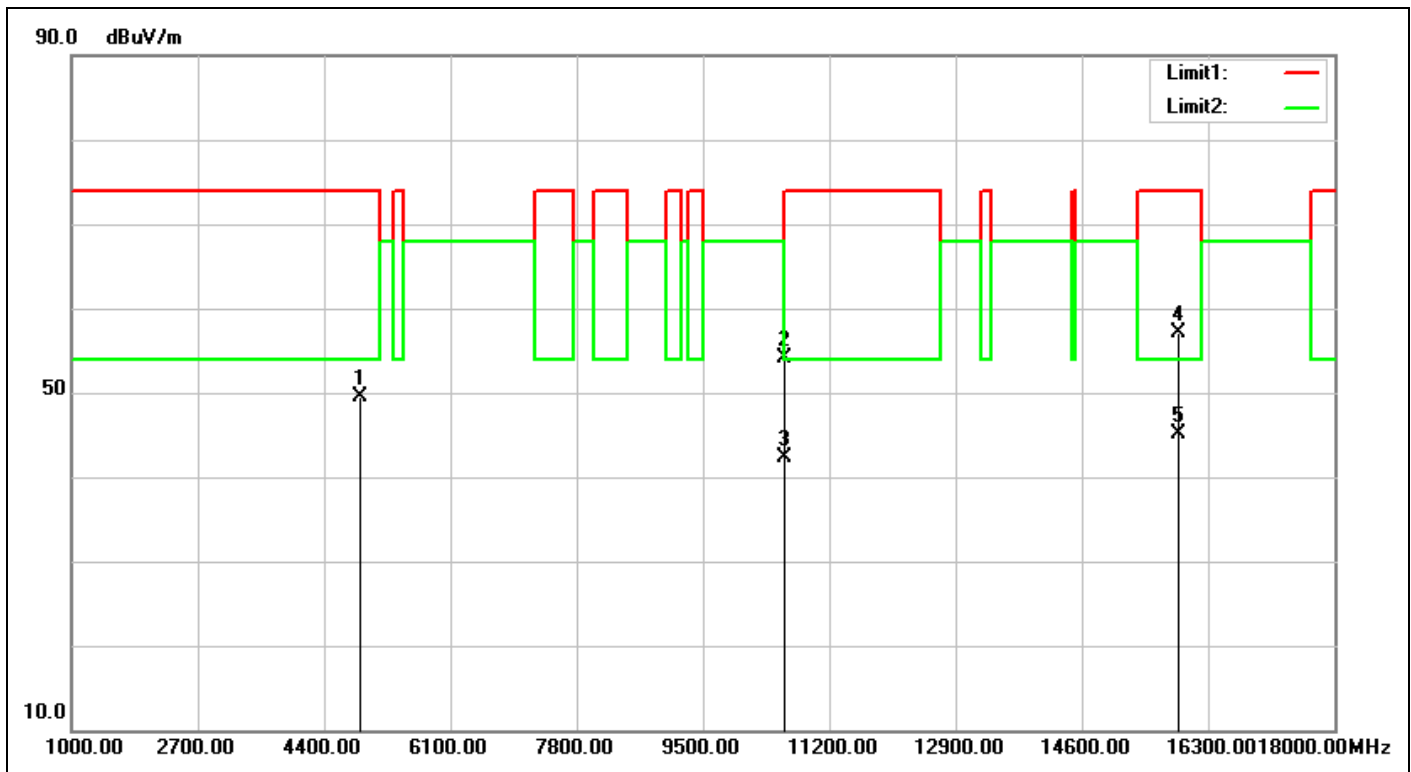
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:26:03
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5280-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.61	53.94	52.33	74.00	-21.67	peak	100	252	
2	4842.000	-1.61	41.91	40.30	54.00	-13.70	AVG	100	252	
3	10560.000	5.64	51.02	56.66	68.00	-11.34	peak	100	169	
4	10560.000	5.64	38.96	44.60	68.00	-23.40	AVG	100	169	
5	15840.000	13.78	42.66	56.44	74.00	-17.56	peak			
6	15840.000	13.78	30.92	44.70	54.00	-9.30	AVG			



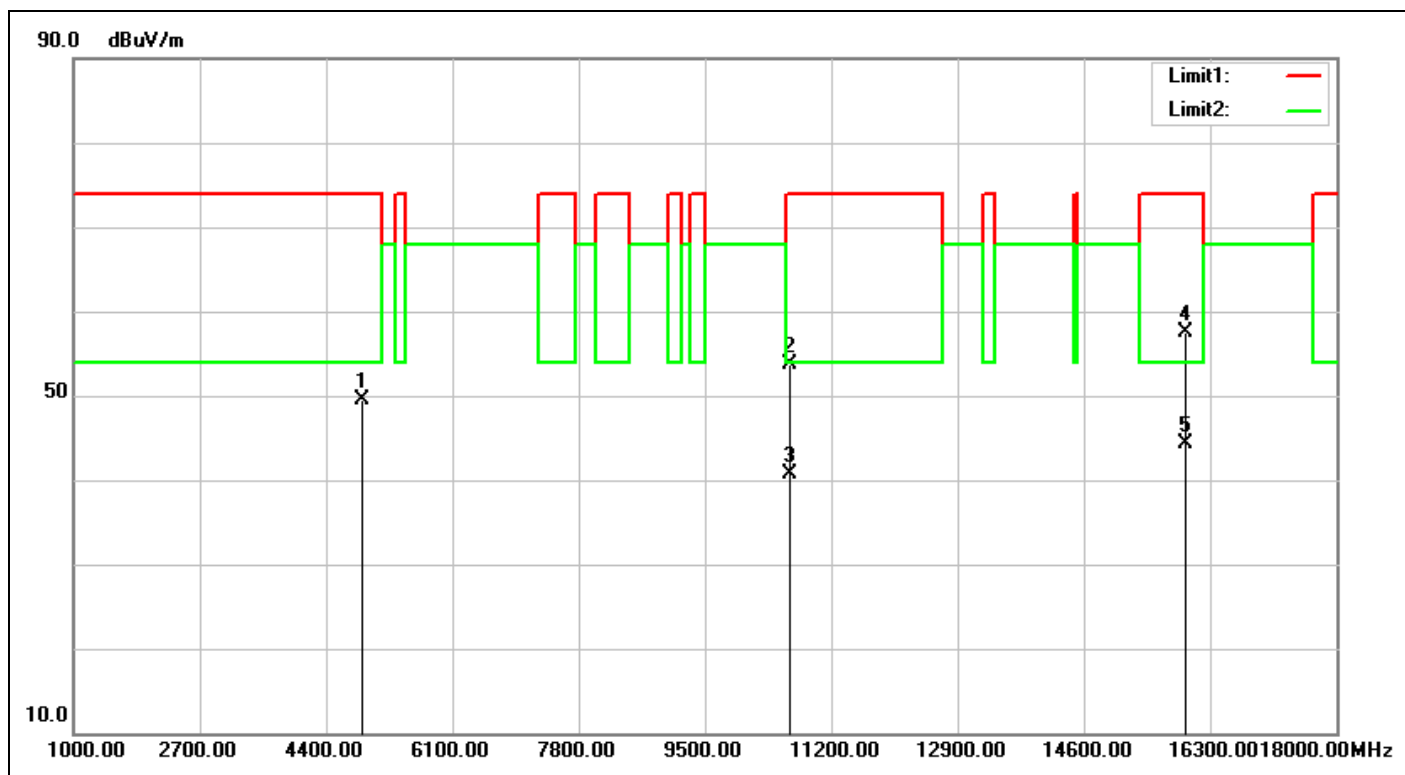
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:28:51
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5131.000	-0.75	51.36	50.61	74.00	-23.39	peak	100	302	
2	10600.000	5.59	48.50	54.09	68.00	-13.91	peak			
3	10600.000	5.59	35.51	41.10	54.00	-12.90	AVG			
4	15900.000	14.04	43.16	57.20	74.00	-16.80	peak			
5	15900.000	14.04	30.16	44.20	54.00	-9.80	AVG			



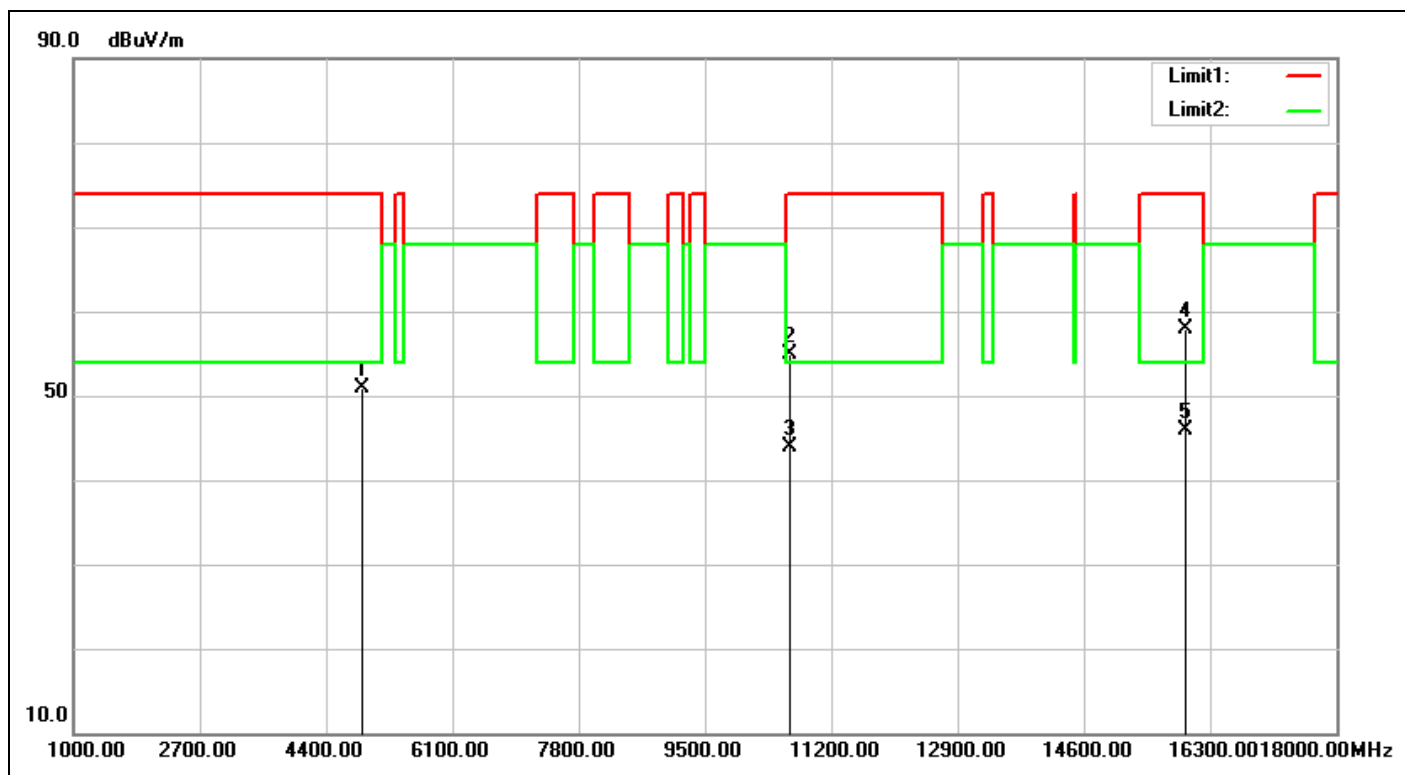
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:29:54
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5300-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4893.000	-1.55	51.05	49.50	74.00	-24.50	peak	100	175	
2	10600.000	5.59	48.58	54.17	68.00	-13.83	peak			
3	10600.000	5.59	36.71	42.30	54.00	-11.70	AVG			
4	15900.000	14.04	43.07	57.11	74.00	-16.89	peak			
5	15900.000	14.04	31.06	45.10	54.00	-8.90	AVG			



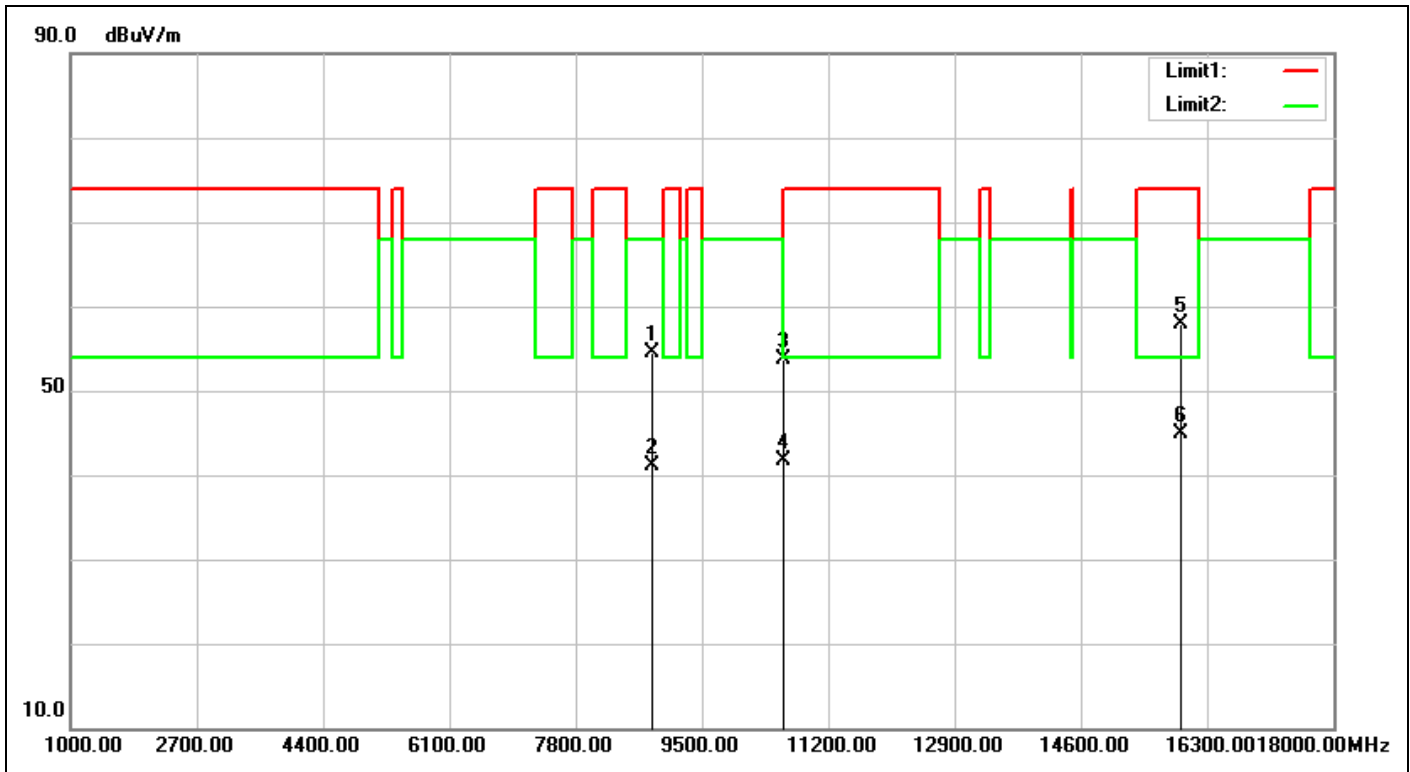
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:32:01
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5320-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4876.000	-1.57	51.15	49.58	74.00	-24.42	peak	100	346	
2	10640.000	5.52	48.09	53.61	74.00	-20.39	peak			
3	10640.000	5.52	35.18	40.70	54.00	-13.30	AVG			
4	15960.000	14.31	43.10	57.41	74.00	-16.59	peak			
5	15960.000	14.31	30.09	44.40	54.00	-9.60	AVG			



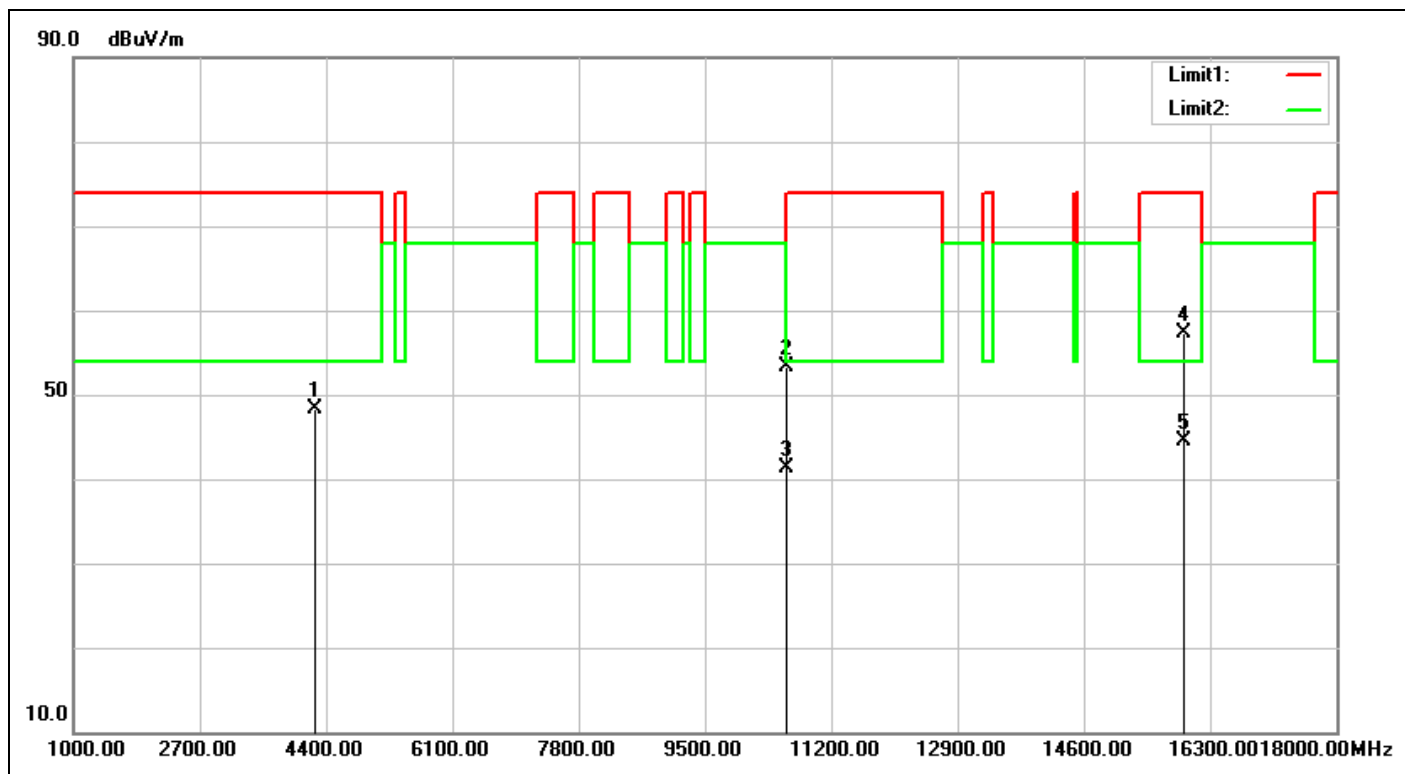
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:33:04
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5320-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4876.000	-1.57	52.43	50.86	74.00	-23.14	peak	100	275	
2	10640.000	5.52	49.46	54.98	74.00	-19.02	peak			
3	10640.000	5.52	38.48	44.00	54.00	-10.00	AVG			
4	15960.000	14.31	43.54	57.85	74.00	-16.15	peak			
5	15960.000	14.31	31.59	45.90	54.00	-8.10	AVG			



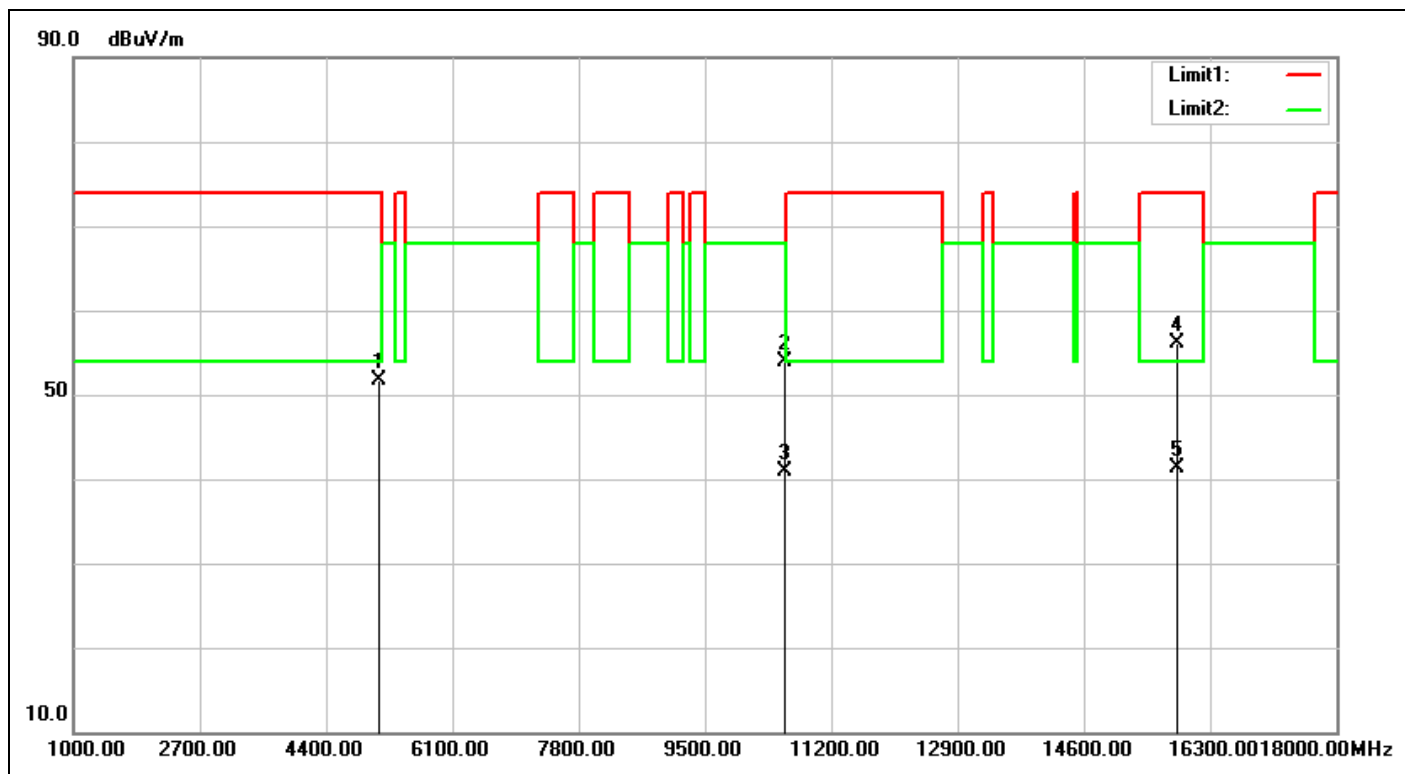
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:35:51
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5310-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	8820.000	7.54	46.96	54.50	68.00	-13.50	peak	100	110	
2	8820.000	7.54	33.56	41.10	68.00	-26.90	AVG	100	110	
3	10620.000	5.56	48.07	53.63	74.00	-20.37	peak			
4	10620.000	5.56	36.14	41.70	54.00	-12.30	AVG			
5	15930.000	14.17	43.75	57.92	74.00	-16.08	peak			
6	15930.000	14.17	30.73	44.90	54.00	-9.10	AVG			



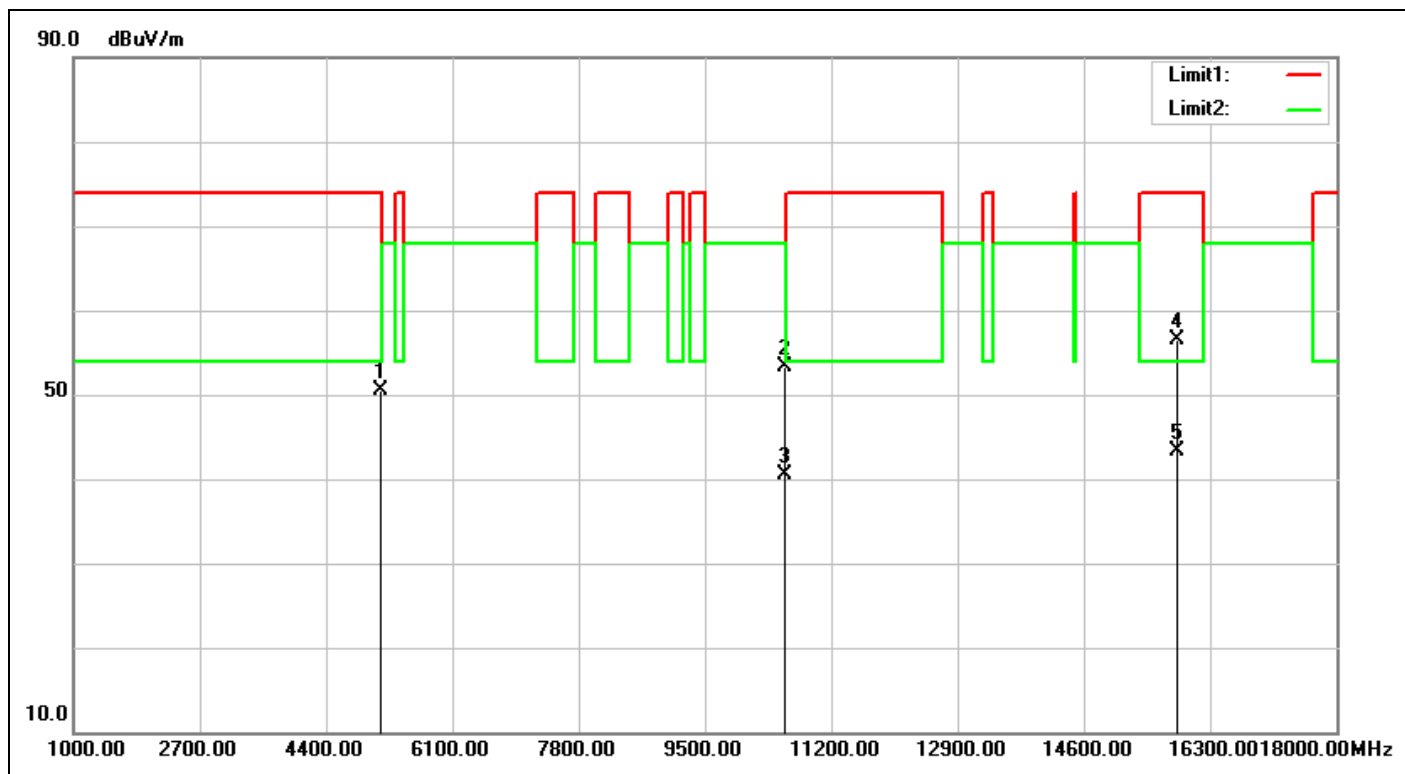
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:36:54
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5310-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4247.000	-2.94	51.27	48.33	74.00	-25.67	peak	100	51	
2	10620.000	5.56	47.76	53.32	74.00	-20.68	peak			
3	10620.000	5.56	35.84	41.40	54.00	-12.60	AVG			
4	15930.000	14.17	43.12	57.29	74.00	-16.71	peak			
5	15930.000	14.17	30.33	44.50	54.00	-9.50	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:40:14
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5290-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5114.000	-0.84	52.60	51.76	74.00	-22.24	peak	100	348	
2	10580.000	5.61	48.25	53.86	68.00	-14.14	peak			
3	10580.000	5.61	35.29	40.90	68.00	-27.10	AVG			
4	15870.000	13.91	42.29	56.20	74.00	-17.80	peak			
5	15870.000	13.91	27.39	41.30	54.00	-12.70	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:41:17
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5290-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5131.000	-0.75	51.17	50.42	74.00	-23.58	peak	100	277	
2	10580.000	5.61	47.79	53.40	68.00	-14.60	peak			
3	10580.000	5.61	34.89	40.50	68.00	-27.50	AVG			
4	15870.000	13.91	42.51	56.42	74.00	-17.58	peak			
5	15870.000	13.91	29.39	43.30	54.00	-10.70	AVG			

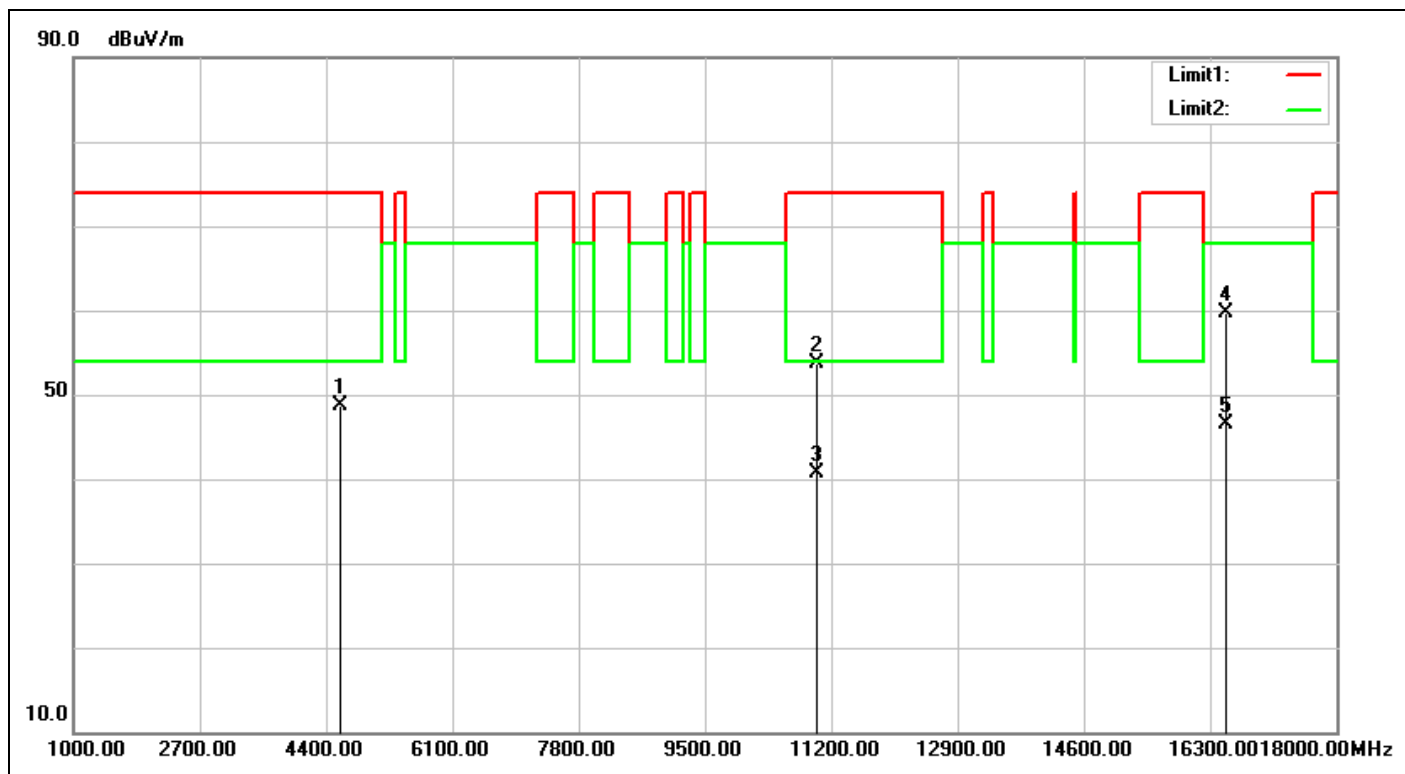
Spurious Emissions, TX Mode, 1-18G , 5470-5725MHz



TUV Taiwan

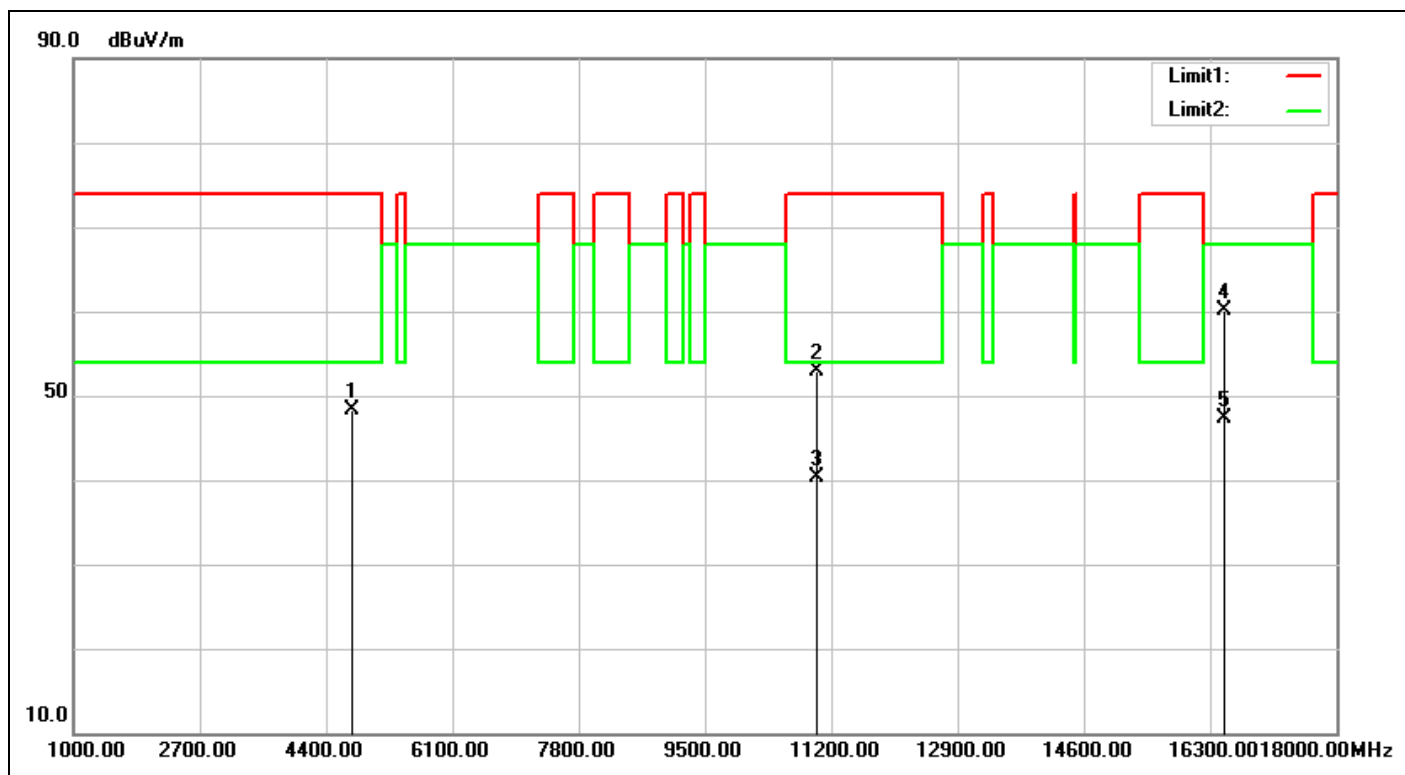
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



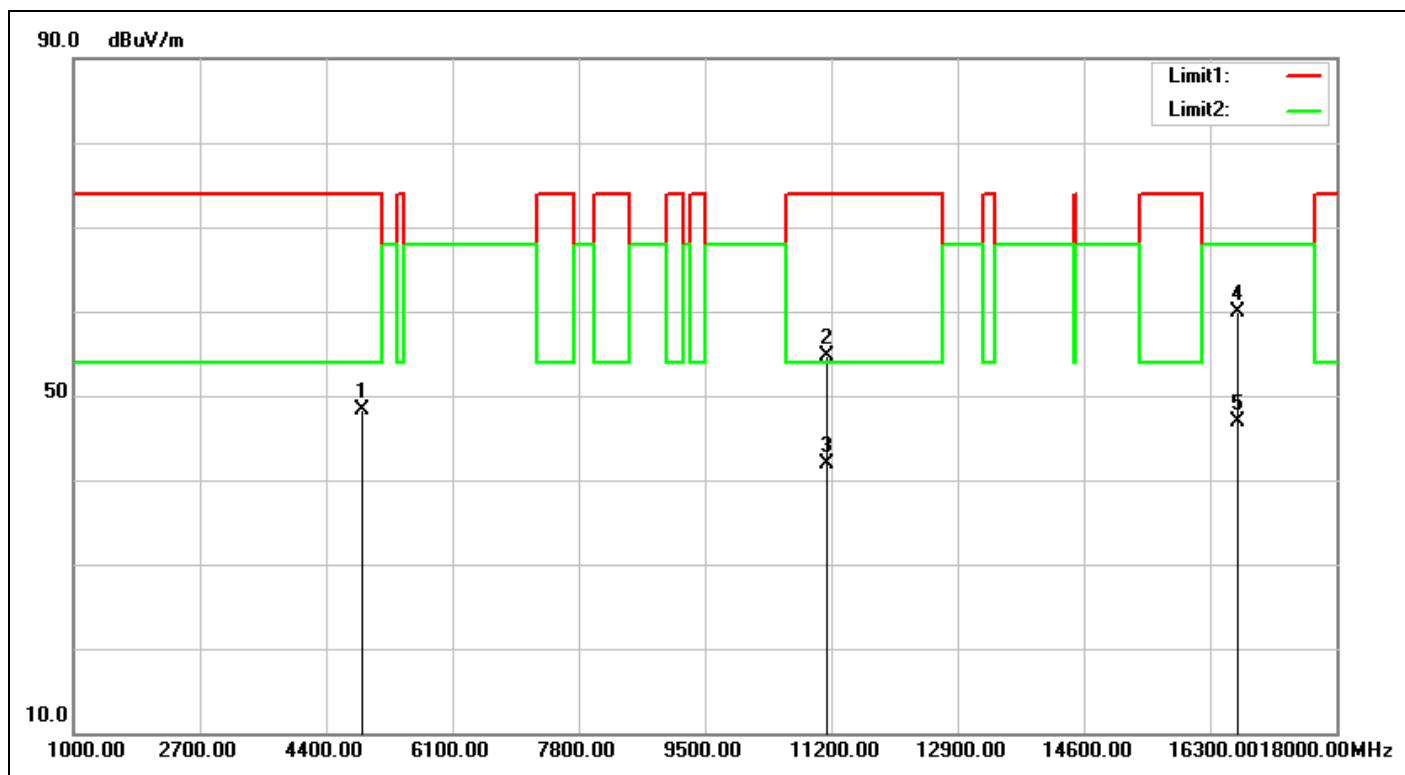
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 20:57:11
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-1.89	50.66	48.77	74.00	-25.23	peak	100	213	
2	11000.000	5.00	48.76	53.76	74.00	-20.24	peak		0	
3	11000.000	5.00	35.80	40.80	54.00	-13.20	AVG		0	
4	16500.000	16.64	43.09	59.73	68.00	-8.27	peak		0	
5	16500.000	16.64	29.96	46.60	68.00	-21.40	AVG		0	



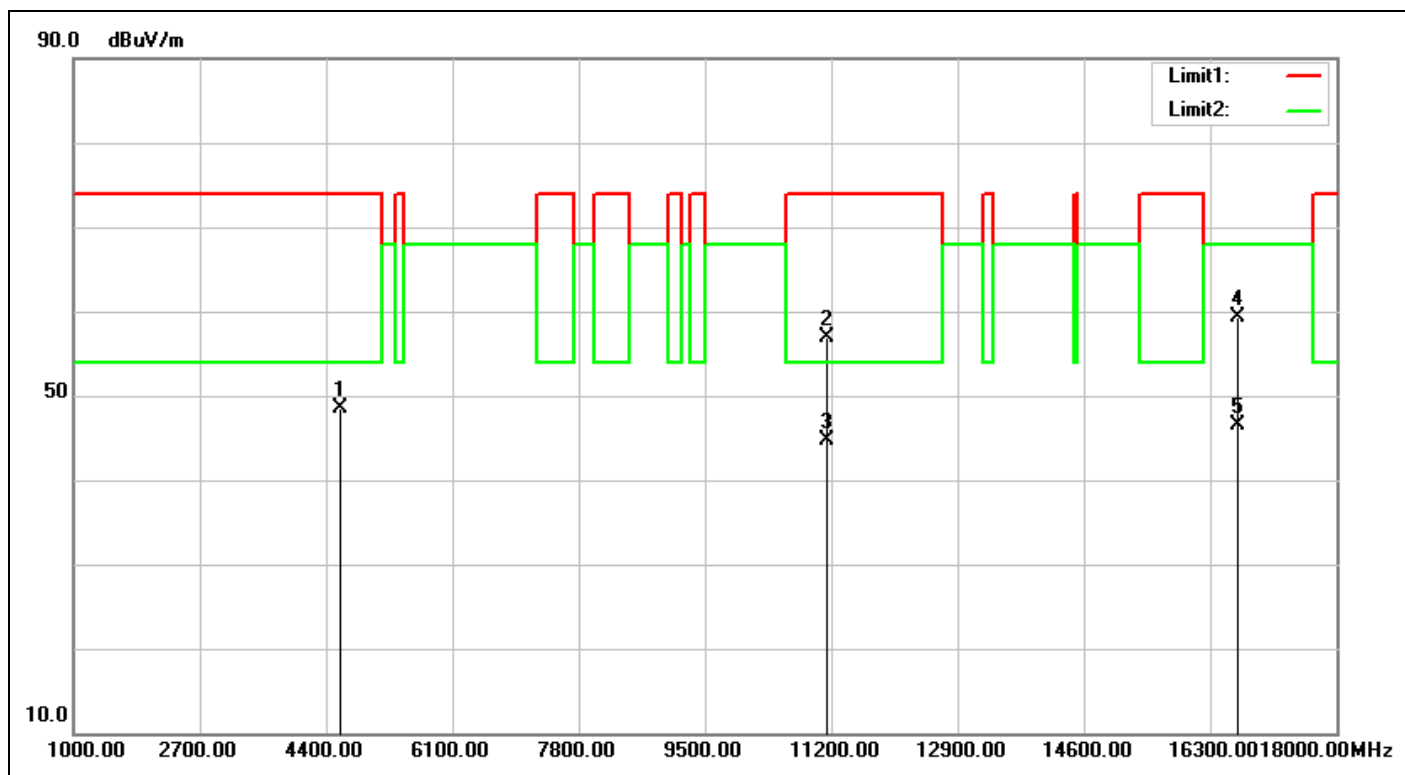
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 20:58:14
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	50.09	48.38	74.00	-25.62	peak	100	294	
2	11000.000	5.00	47.87	52.87	74.00	-21.13	peak			
3	11000.000	5.00	35.40	40.40	54.00	-13.60	AVG			
4	16500.000	16.64	43.53	60.17	68.00	-7.83	peak			
5	16500.000	16.64	30.66	47.30	68.00	-20.70	AVG			



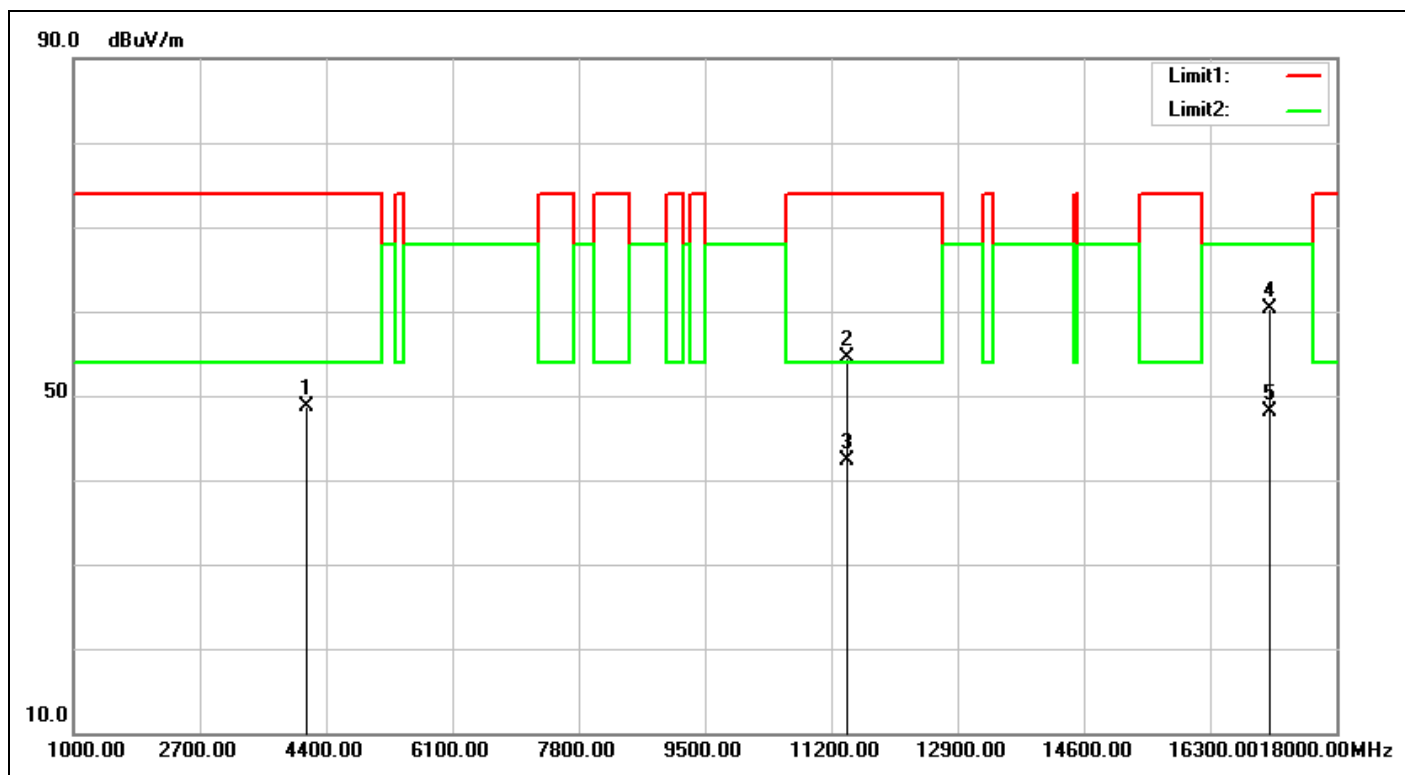
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 21:01:31
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4893.000	-1.55	49.77	48.22	74.00	-25.78	peak	100	119	
2	11120.000	5.20	49.59	54.79	74.00	-19.21	peak			
3	11120.000	5.20	36.70	41.90	54.00	-12.10	AVG			
4	16680.000	16.66	43.29	59.95	68.00	-8.05	peak			
5	16680.000	16.66	30.34	47.00	68.00	-21.00	AVG			



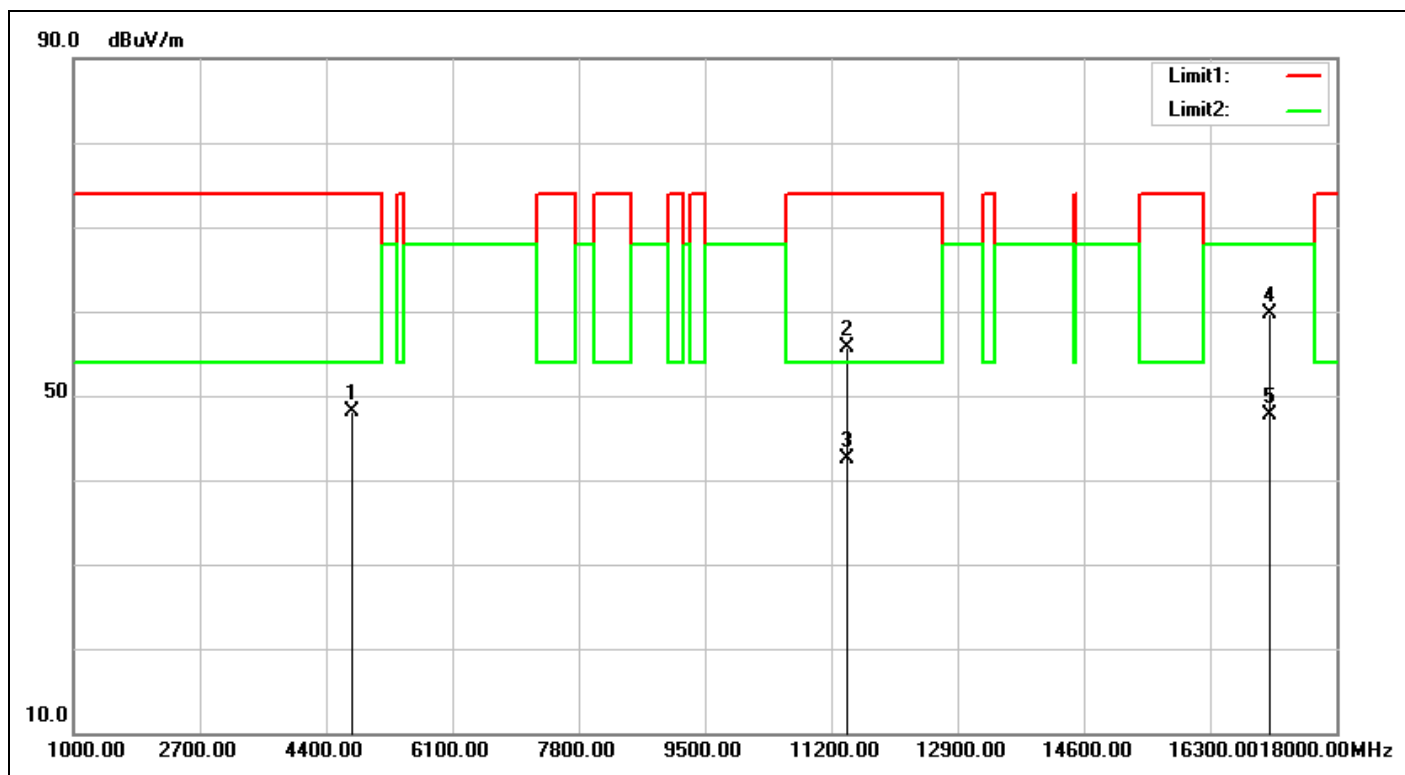
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 21:02:34
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4587.000	-1.89	50.37	48.48	74.00	-25.52	peak	100	349	
2	11120.000	5.20	51.65	56.85	74.00	-17.15	peak			
3	11120.000	5.20	39.50	44.70	54.00	-9.30	AVG			
4	16680.000	16.66	42.70	59.36	68.00	-8.64	peak			
5	16680.000	16.66	29.94	46.60	68.00	-21.40	AVG			



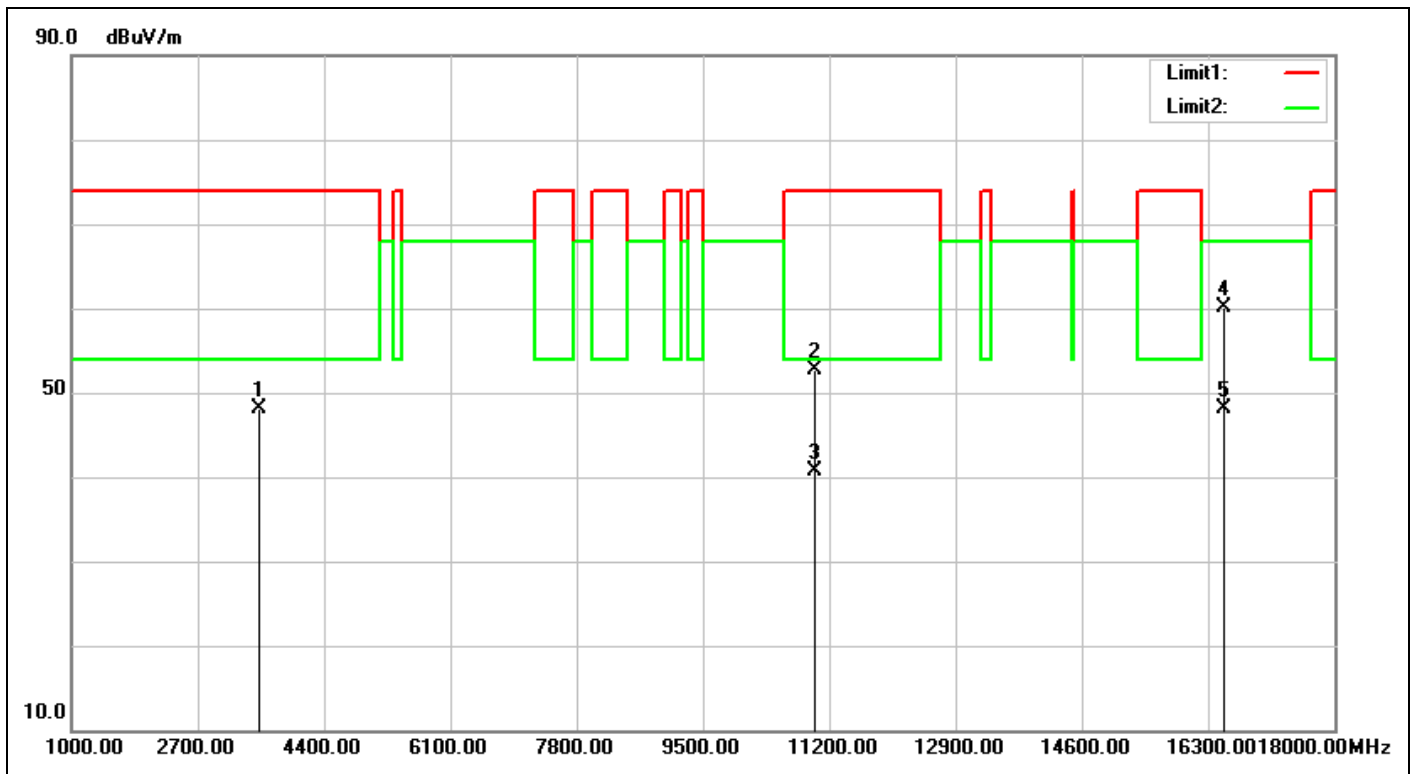
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 21:04:52
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4145.000	-3.32	51.93	48.61	74.00	-25.39	peak	100	295	
2	11400.000	5.64	48.92	54.56	74.00	-19.44	peak			
3	11400.000	5.64	36.76	42.40	54.00	-11.60	AVG			
4	17100.000	16.56	43.74	60.30	68.00	-7.70	peak			
5	17100.000	16.56	31.54	48.10	68.00	-19.90	AVG			



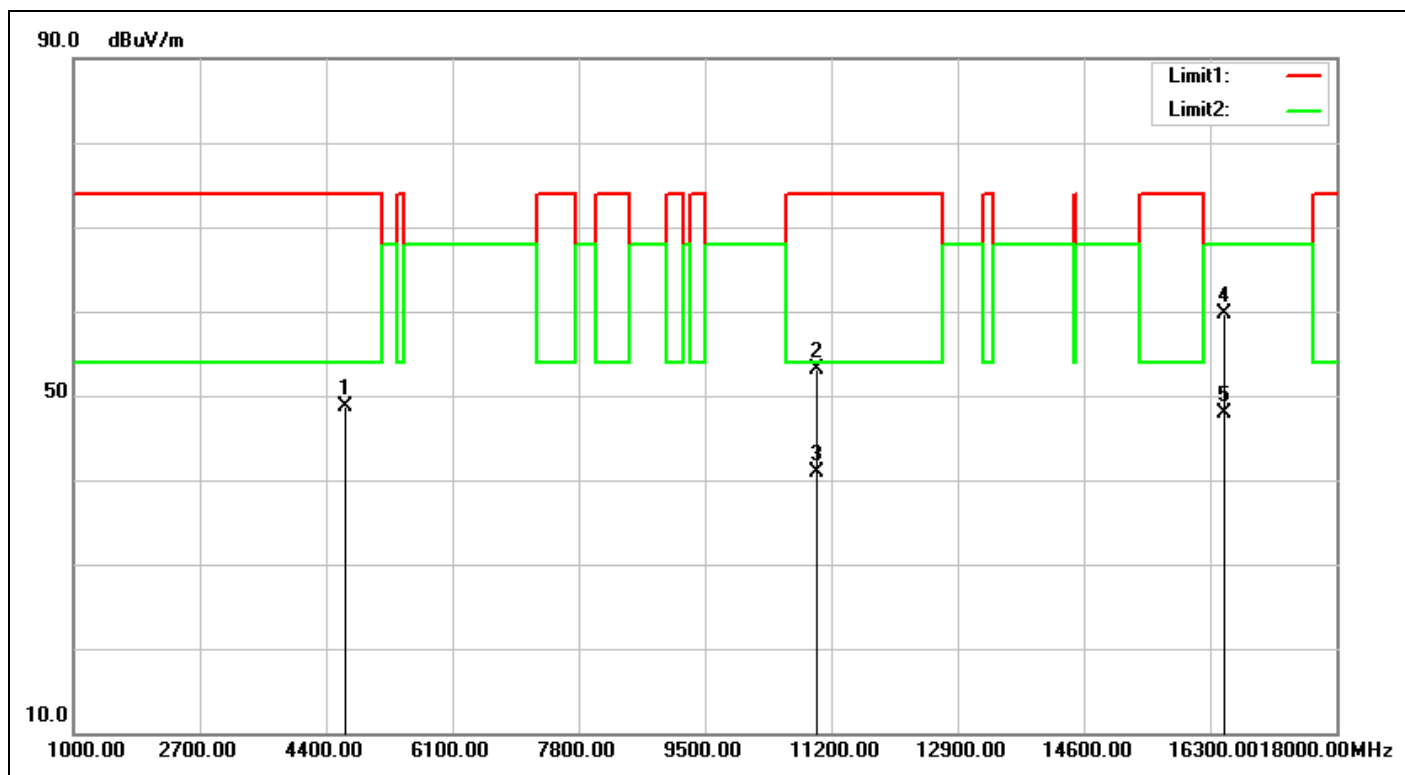
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 21:05:55
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	49.79	48.08	74.00	-25.92	peak	100	208	
2	11400.000	5.64	50.01	55.65	74.00	-18.35	peak			
3	11400.000	5.64	36.96	42.60	54.00	-11.40	AVG			
4	17100.000	16.56	43.15	59.71	68.00	-8.29	peak			
5	17100.000	16.56	31.24	47.80	68.00	-20.20	AVG			



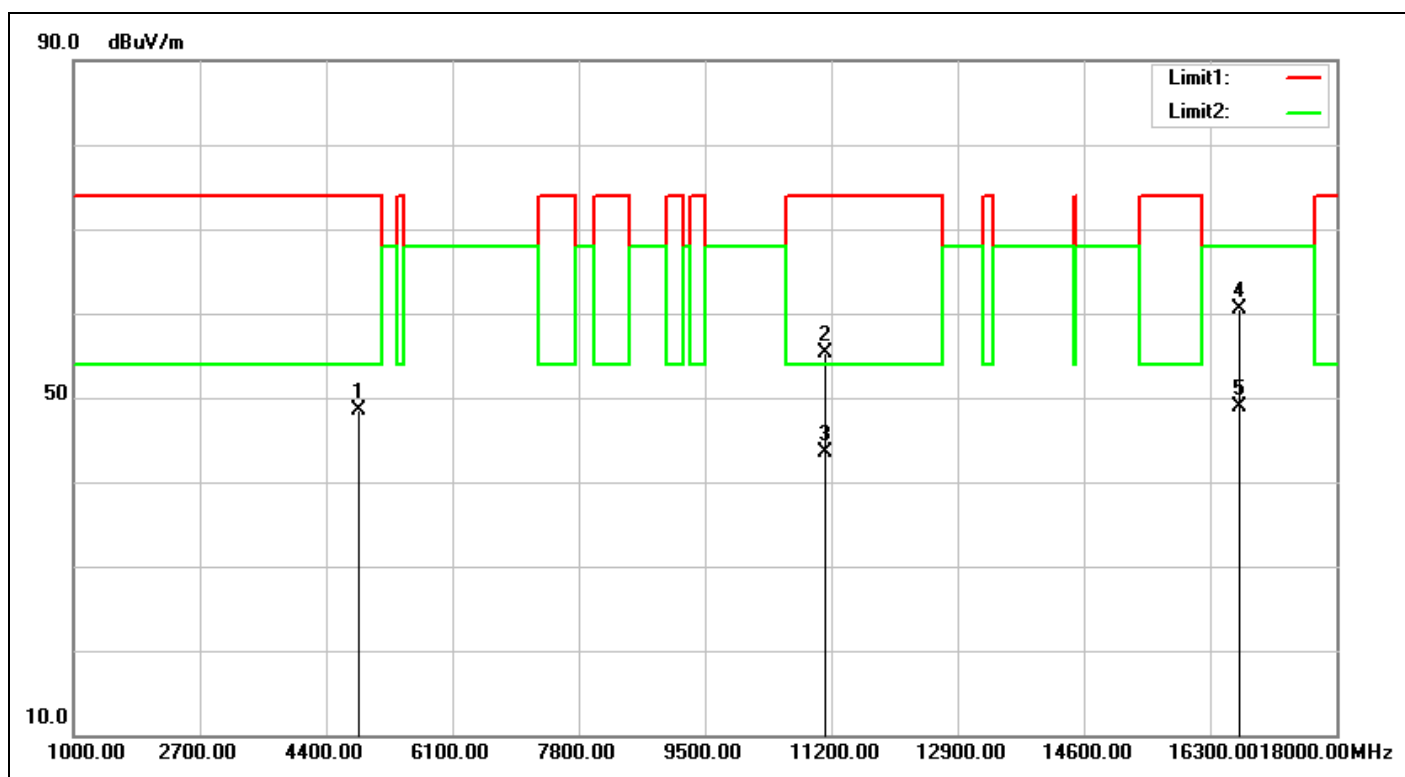
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 21:08:20
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5500-TX		
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	-4.69	52.83	48.14	74.00	-25.86	peak	100	36	
2	11000.000	5.00	47.75	52.75	74.00	-21.25	peak			
3	11000.000	5.00	35.80	40.80	54.00	-13.20	AVG			
4	16500.000	16.64	43.37	60.01	68.00	-7.99	peak			
5	16500.000	16.64	31.46	48.10	68.00	-19.90	AVG			



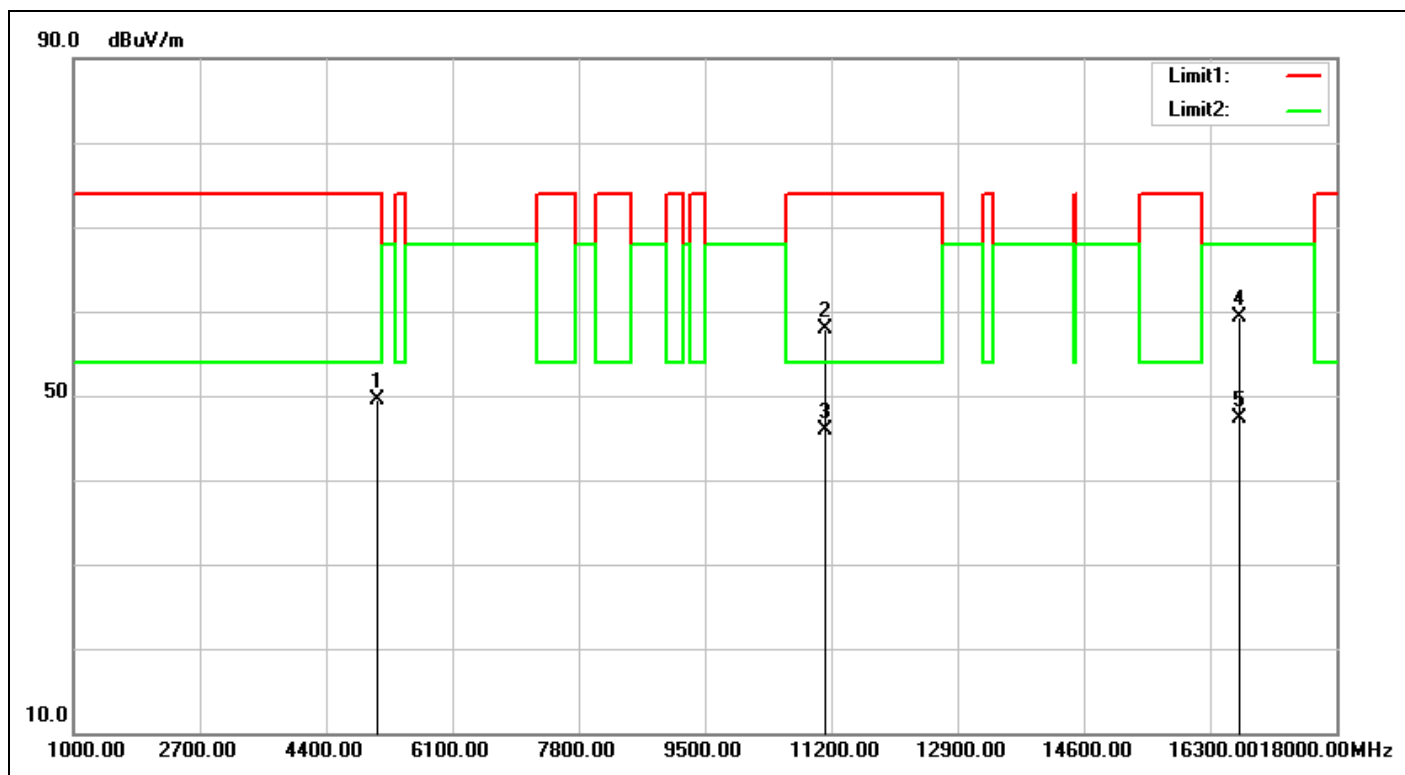
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 21:09:23
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5500-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4655.000	-1.82	50.47	48.65	74.00	-25.35	peak	100	286	
2	11000.000	5.00	48.05	53.05	74.00	-20.95	peak			
3	11000.000	5.00	36.00	41.00	54.00	-13.00	AVG			
4	16500.000	16.64	43.16	59.80	68.00	-8.20	peak			
5	16500.000	16.64	31.36	48.00	68.00	-20.00	AVG			



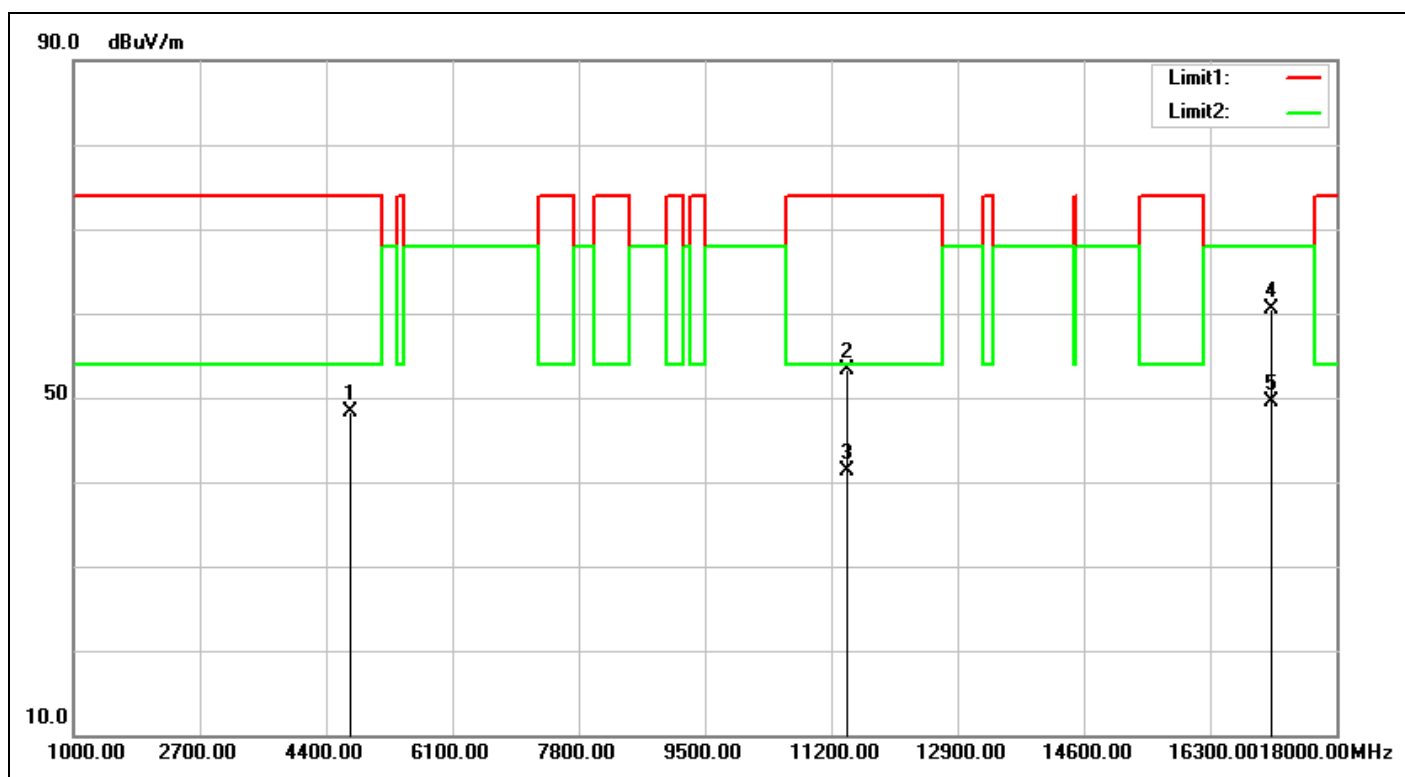
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 21:11:31
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.61	50.03	48.42	74.00	-25.58	peak	100	144	
2	11120.000	5.20	50.05	55.25	74.00	-18.75	peak			
3	11120.000	5.20	38.40	43.60	54.00	-10.40	AVG			
4	16680.000	16.66	43.86	60.52	68.00	-7.48	peak			
5	16680.000	16.66	32.34	49.00	68.00	-19.00	AVG			



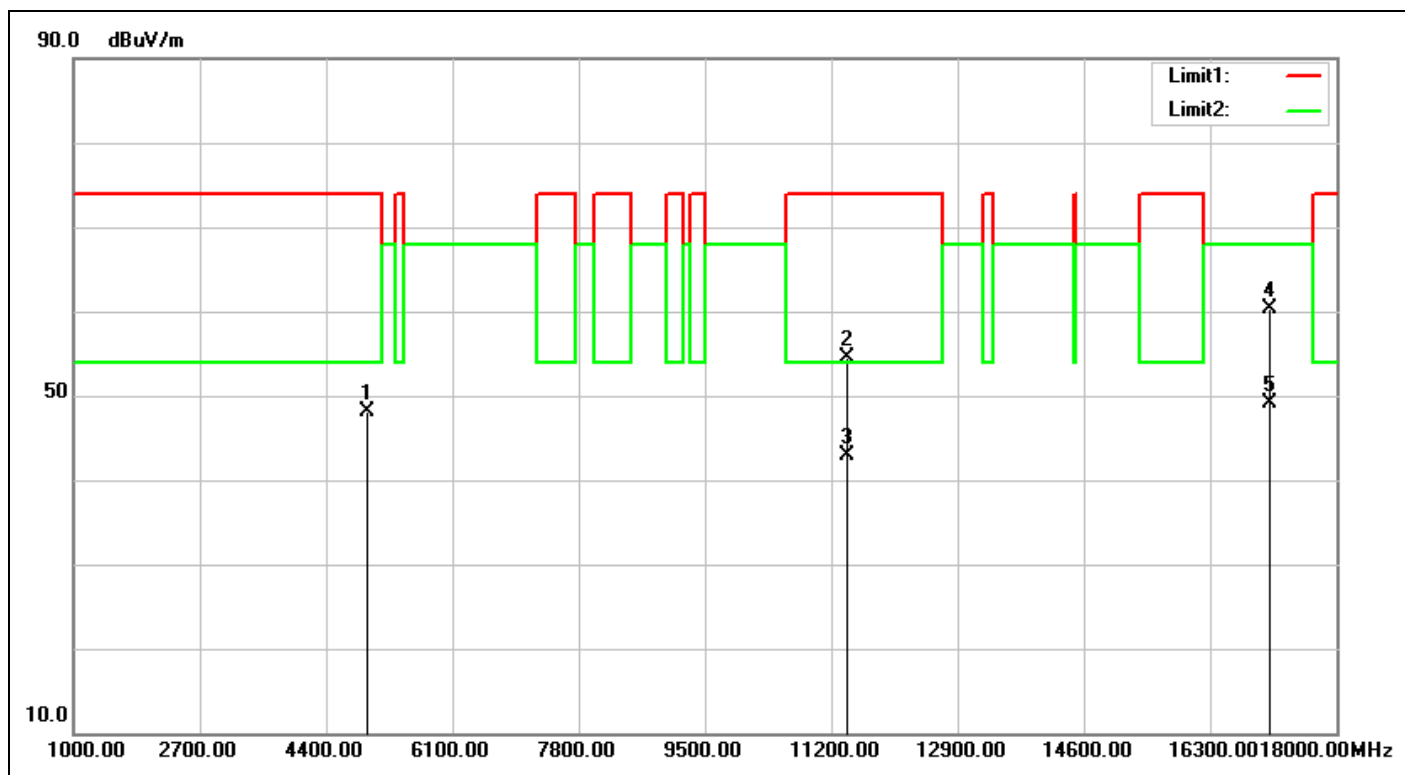
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Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 21:12:33
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5560-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5097.000	-0.92	50.41	49.49	74.00	-24.51	peak	100	269	
2	11120.000	5.20	52.61	57.81	74.00	-16.19	peak			
3	11120.000	5.20	40.70	45.90	54.00	-8.10	AVG			
4	16680.000	16.66	42.72	59.38	68.00	-8.62	peak			
5	16680.000	16.66	30.74	47.40	68.00	-20.60	AVG			



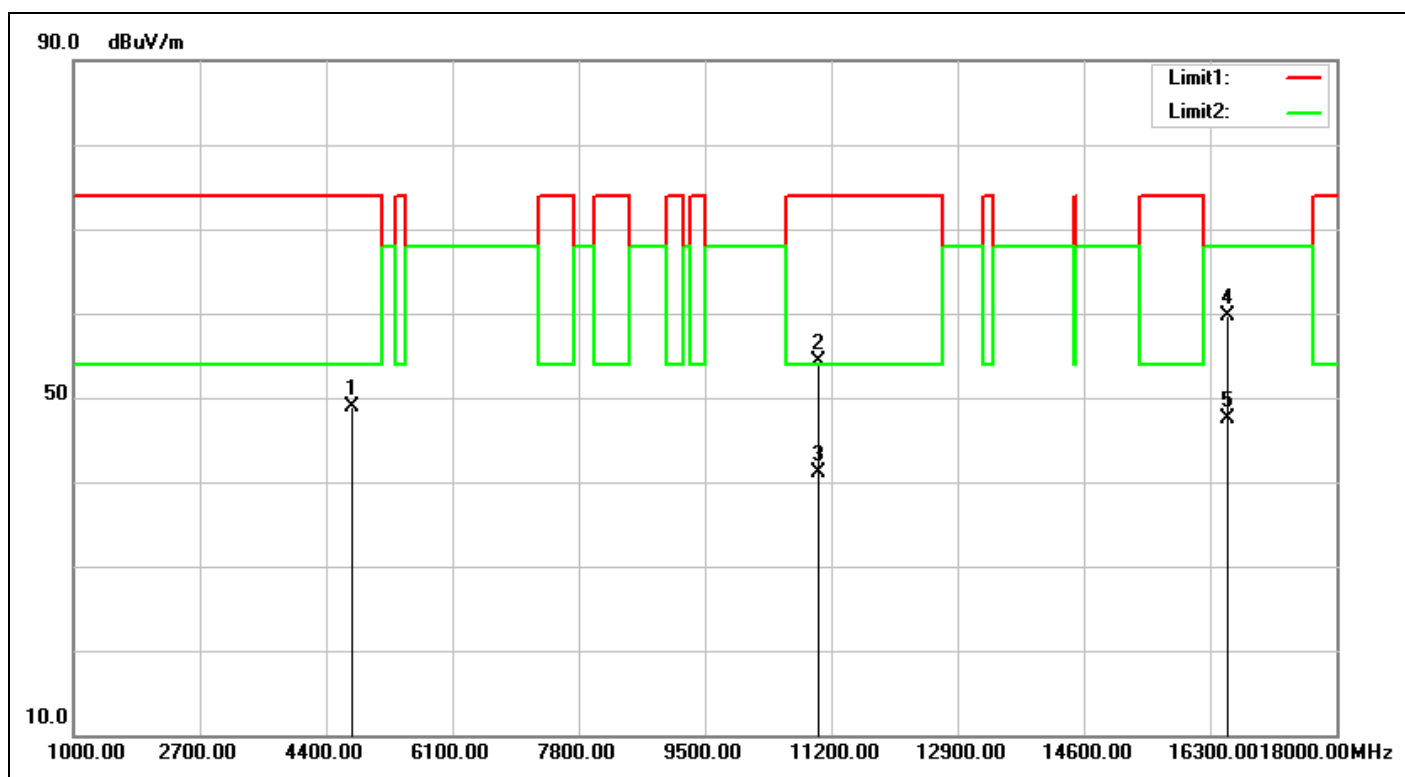
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 21:14:44
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4723.000	-1.74	50.07	48.33	74.00	-25.67	peak	100	19	
2	11400.000	5.64	47.71	53.35	74.00	-20.65	peak			
3	11400.000	5.64	35.76	41.40	54.00	-12.60	AVG			
4	17100.000	16.56	44.04	60.60	68.00	-7.40	peak			
5	17100.000	16.56	33.04	49.60	68.00	-18.40	AVG			



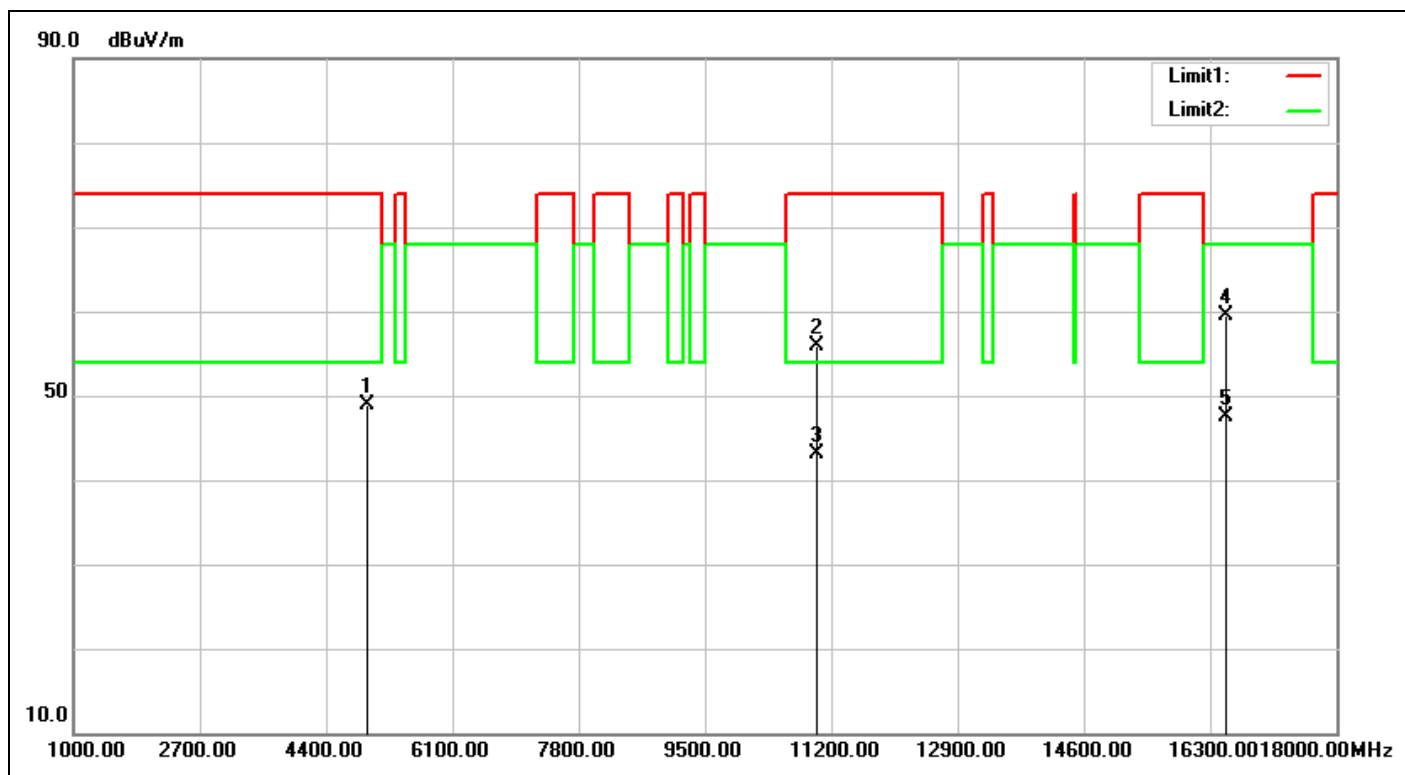
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 21:15:46
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5700-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.50	49.70	48.20	74.00	-25.80	peak	100	189	
2	11400.000	5.64	48.93	54.57	74.00	-19.43	peak			
3	11400.000	5.64	37.36	43.00	54.00	-11.00	AVG			
4	17100.000	16.56	43.79	60.35	68.00	-7.65	peak			
5	17100.000	16.56	32.54	49.10	68.00	-18.90	AVG			



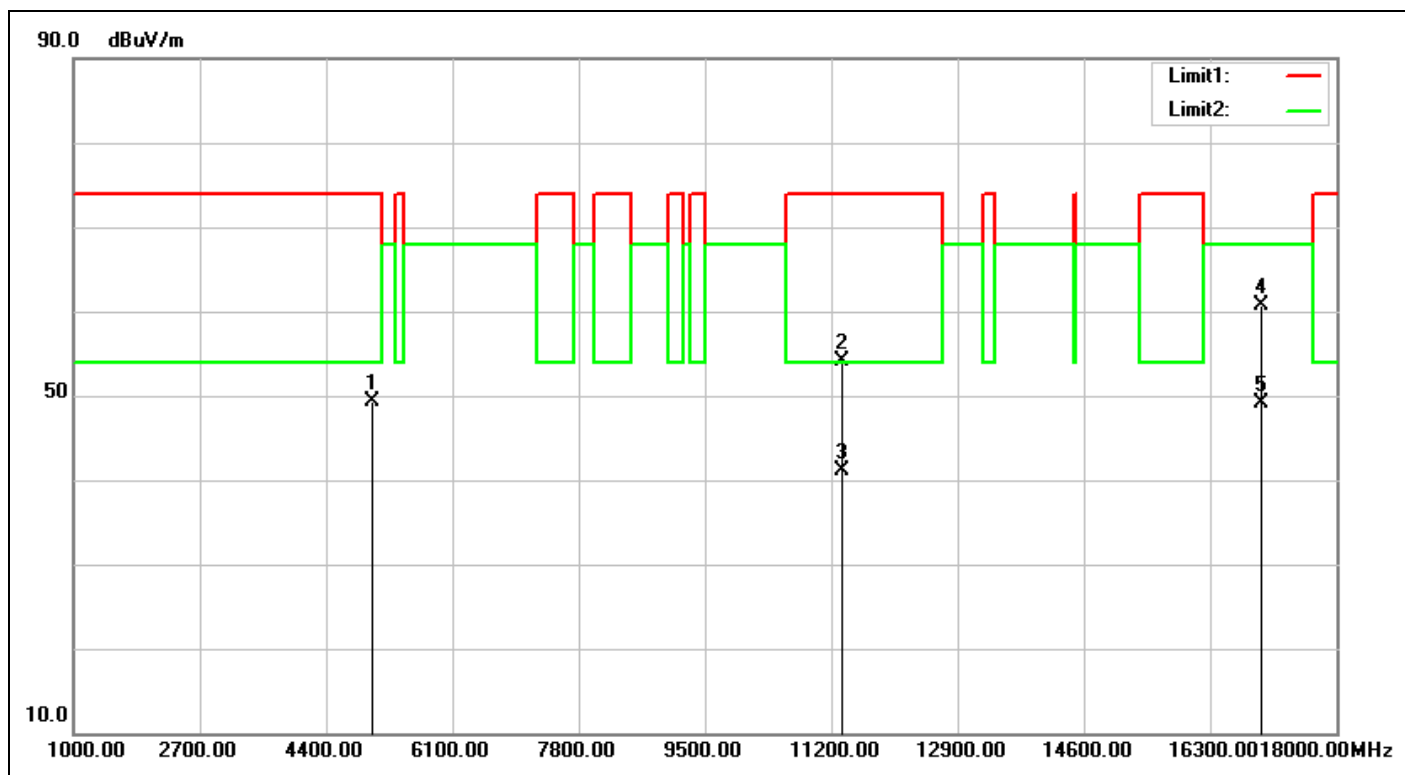
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/25 21:18:06
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5510-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4740.000	-1.71	50.70	48.99	74.00	-25.01	peak	100	157	
2	11020.000	5.04	49.18	54.22	74.00	-19.78	peak			
3	11020.000	5.04	36.16	41.20	54.00	-12.80	AVG			
4	16530.000	16.64	43.06	59.70	68.00	-8.30	peak			
5	16530.000	16.64	30.86	47.50	68.00	-20.50	AVG			



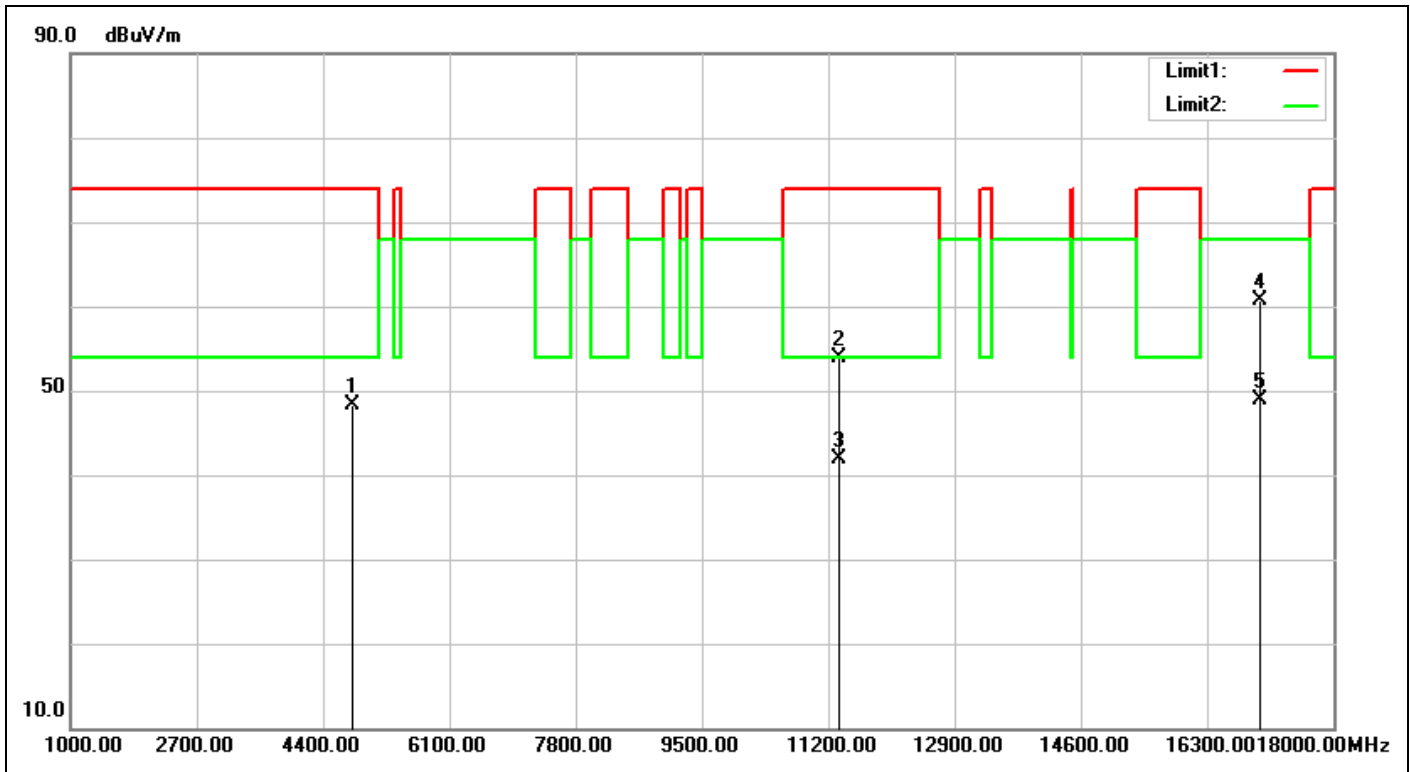
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/25 21:19:08
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	21.8(°C)/56%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5510-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.50	50.41	48.91	74.00	-25.09	peak	100	211	
2	11020.000	5.04	50.86	55.90	74.00	-18.10	peak			
3	11020.000	5.04	38.06	43.10	54.00	-10.90	AVG			
4	16530.000	16.64	42.84	59.48	68.00	-8.52	peak			
5	16530.000	16.64	30.86	47.50	68.00	-20.50	AVG			



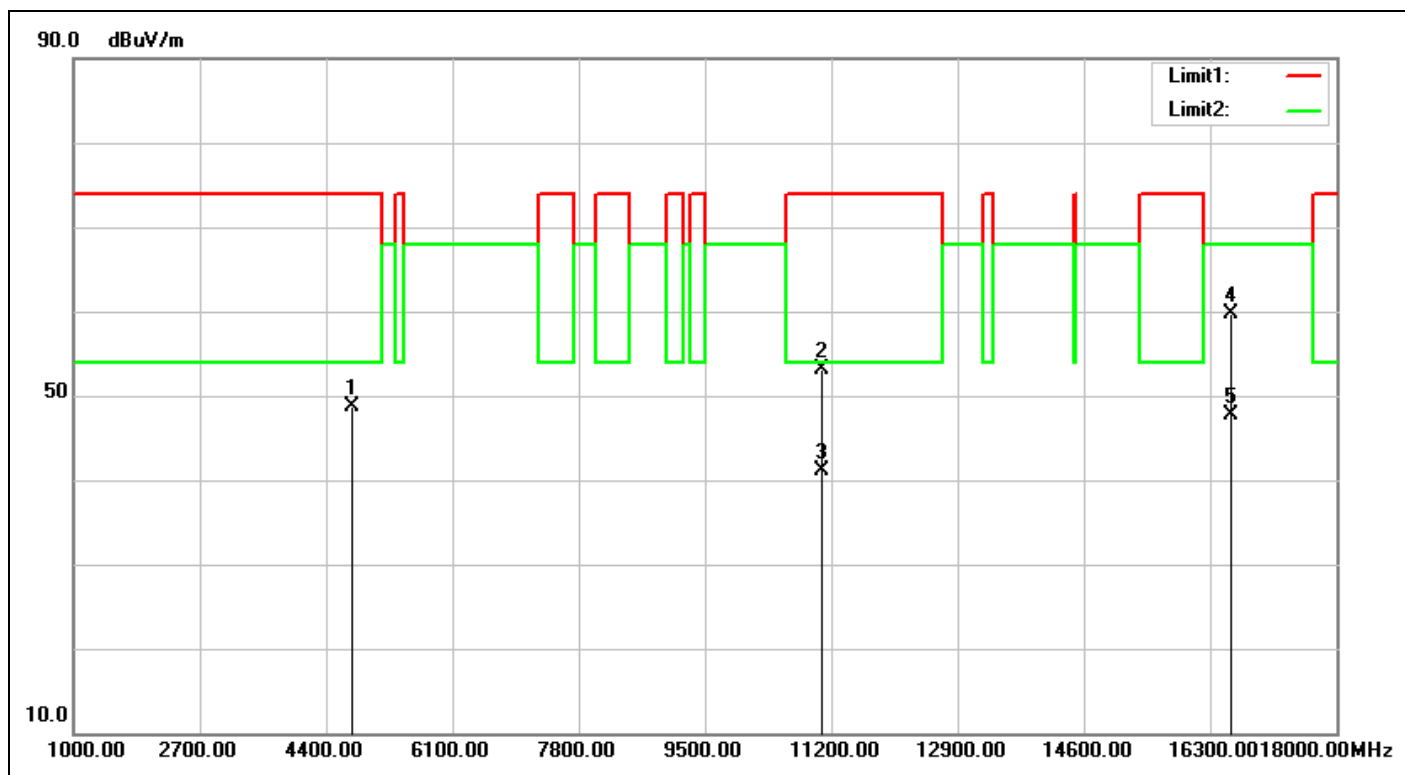
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:02:33
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5670-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5029.000	-1.28	50.63	49.35	74.00	-24.65	peak	100	34	
2	11340.000	5.55	48.65	54.20	74.00	-19.80	peak			
3	11340.000	5.55	35.65	41.20	54.00	-12.80	AVG			
4	17010.000	16.67	44.11	60.78	68.00	-7.22	peak			
5	17010.000	16.67	32.43	49.10	68.00	-18.90	AVG			



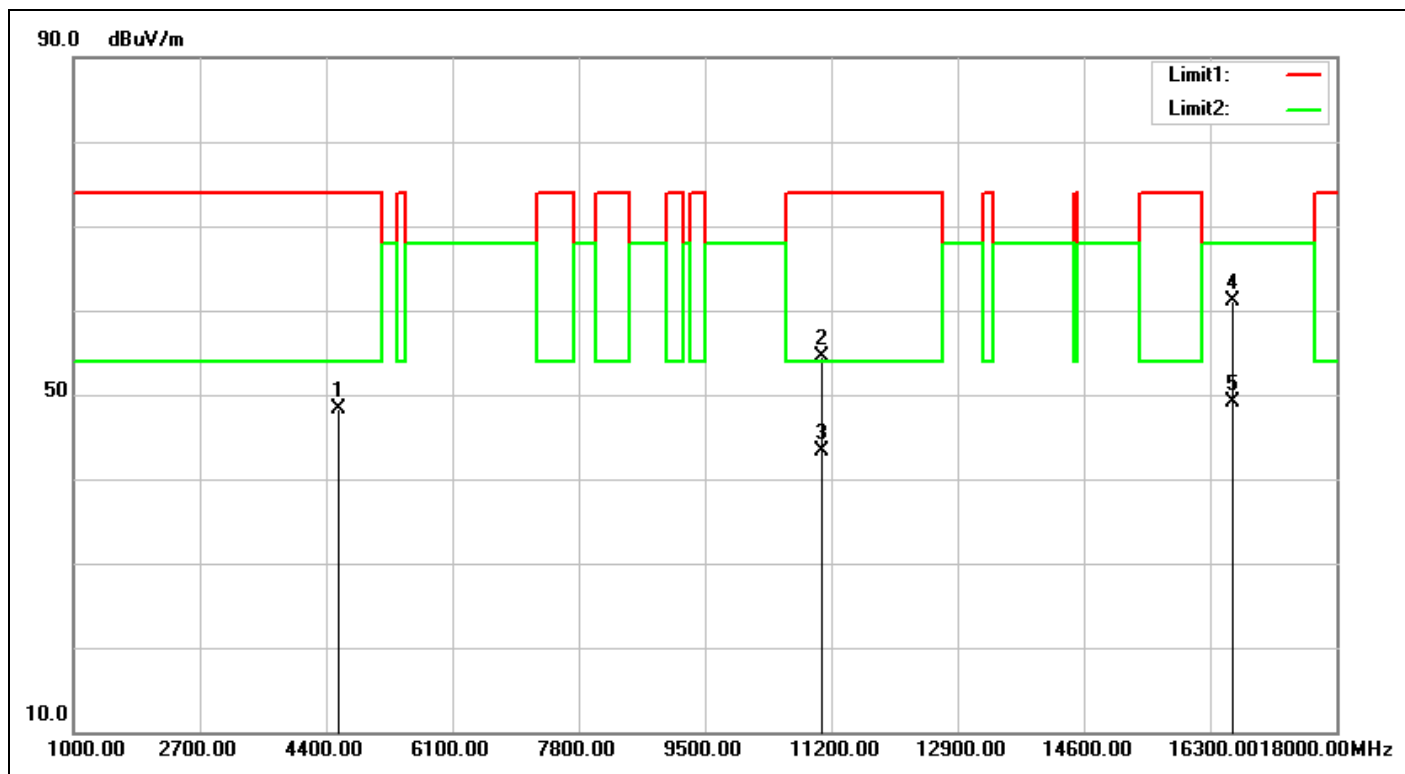
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:03:36
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5670-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4791.000	-1.66	49.99	48.33	74.00	-25.67	peak	100	150	
2	11340.000	5.55	48.35	53.90	74.00	-20.10	peak			
3	11340.000	5.55	36.45	42.00	54.00	-12.00	AVG			
4	17010.000	16.67	44.05	60.72	68.00	-7.28	peak			
5	17010.000	16.67	32.33	49.00	68.00	-19.00	AVG			



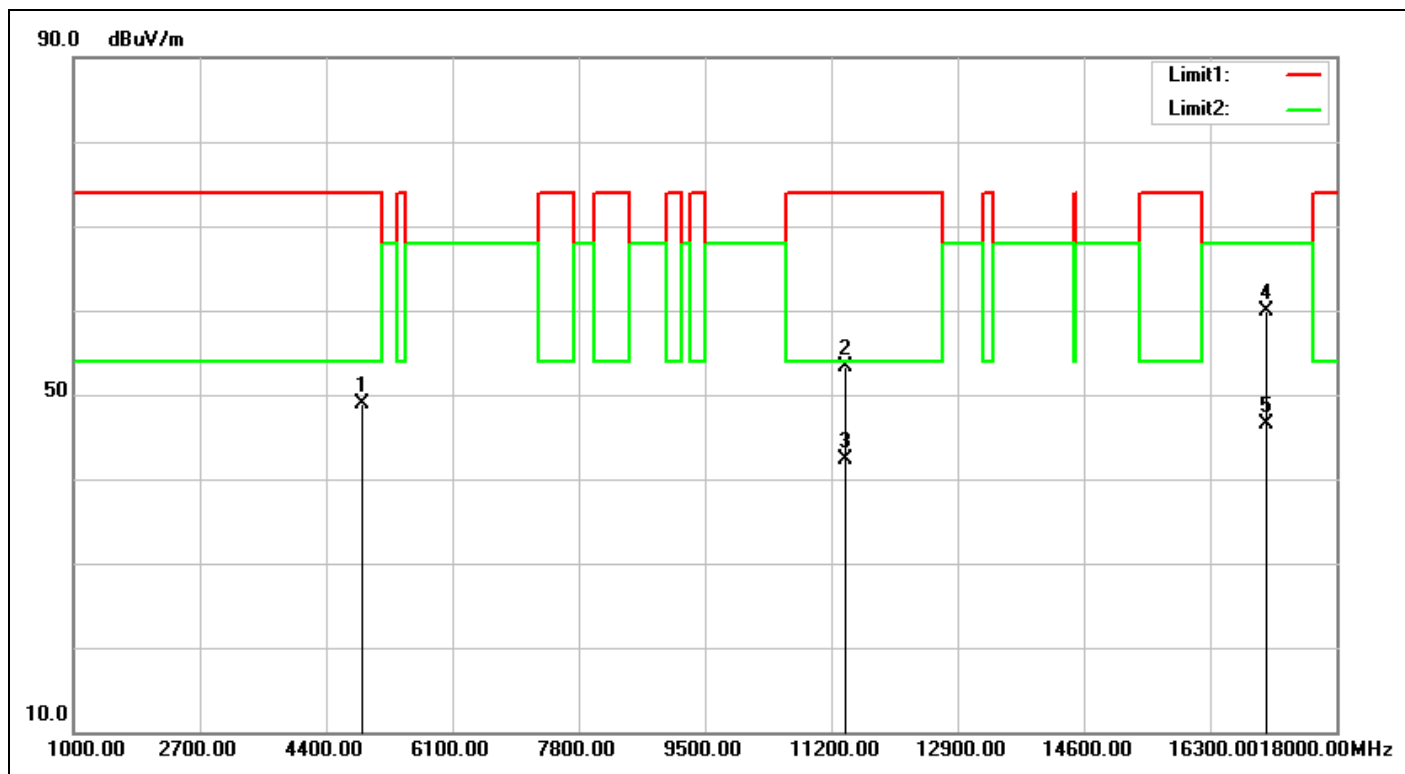
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:06:33
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5530-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	50.44	48.73	74.00	-25.27	peak	100	190	
2	11060.000	5.10	47.92	53.02	74.00	-20.98	peak			
3	11060.000	5.10	36.10	41.20	54.00	-12.80	AVG			
4	16590.000	16.65	43.00	59.65	68.00	-8.35	peak			
5	16590.000	16.65	31.15	47.80	68.00	-20.20	AVG			



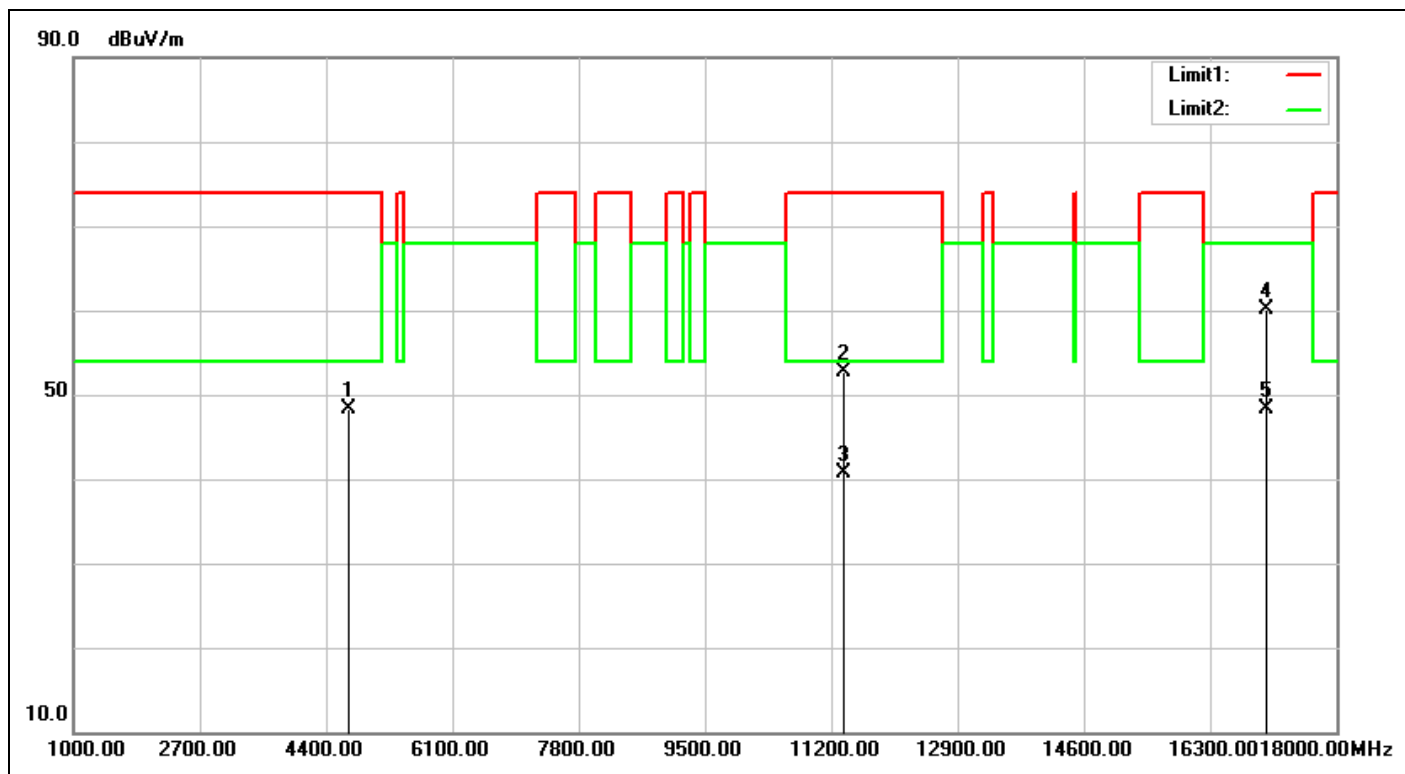
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:07:35
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5530-TX		
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	-1.91	50.15	48.24	74.00	-25.76	peak	100	304	
2	11060.000	5.10	49.45	54.55	74.00	-19.45	peak			
3	11060.000	5.10	38.20	43.30	54.00	-10.70	AVG			
4	16590.000	16.65	44.44	61.09	68.00	-6.91	peak			
5	16590.000	16.65	32.45	49.10	68.00	-18.90	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:10:14
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5690-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4893.000	-1.55	50.54	48.99	74.00	-25.01	peak	100	198	
2	11380.000	5.60	47.68	53.28	74.00	-20.72	peak			
3	11380.000	5.60	36.70	42.30	54.00	-11.70	AVG			
4	17070.000	16.59	43.35	59.94	68.00	-8.06	peak			
5	17070.000	16.59	29.91	46.50	68.00	-21.50	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:11:16
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5690-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4706.000	-1.76	50.15	48.39	74.00	-25.61	peak	100	348	
2	11380.000	5.60	47.11	52.71	74.00	-21.29	peak			
3	11380.000	5.60	35.20	40.80	54.00	-13.20	AVG			
4	17070.000	16.59	43.58	60.17	68.00	-7.83	peak			
5	17070.000	16.59	31.71	48.30	68.00	-19.70	AVG			

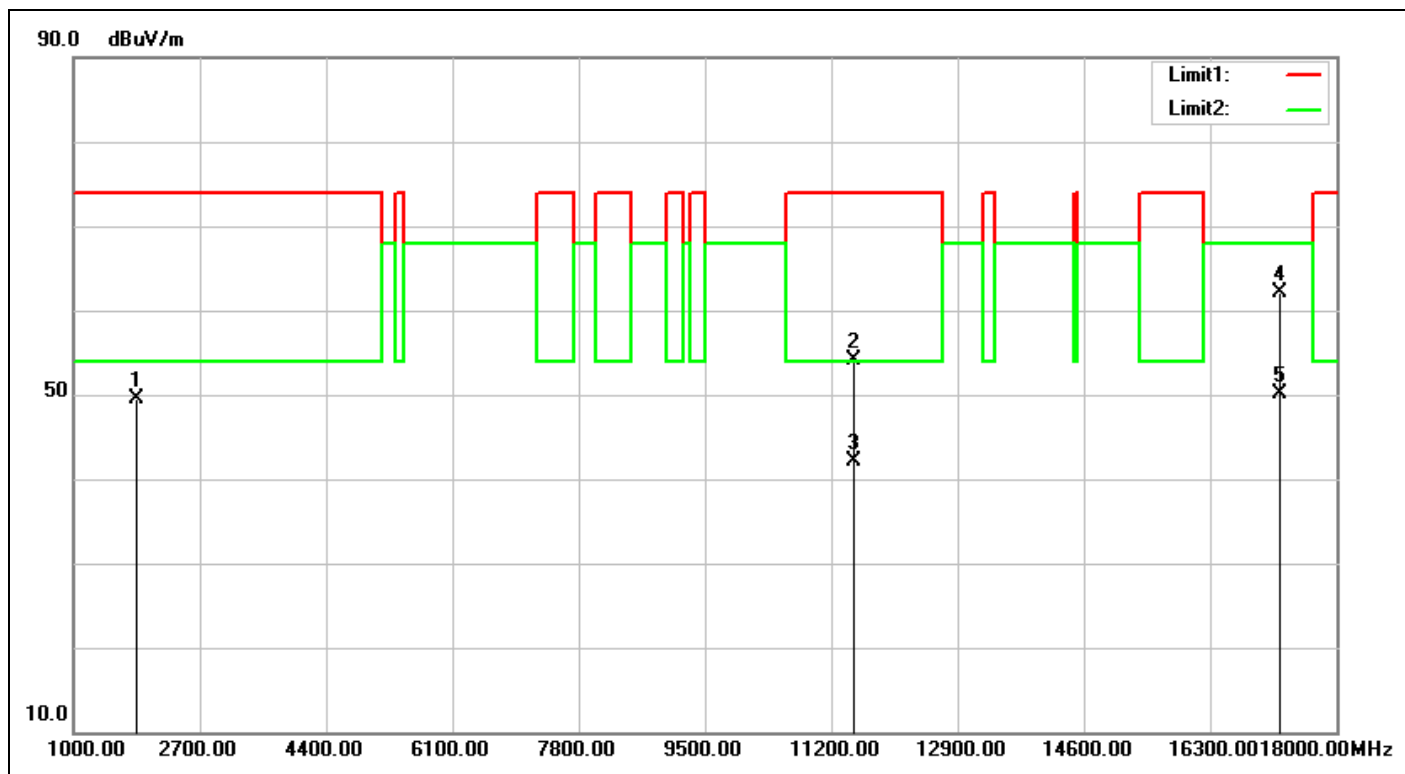
Spurious Emissions, TX Mode, 1-18G , 5725-5850MHz



TUV Taiwan

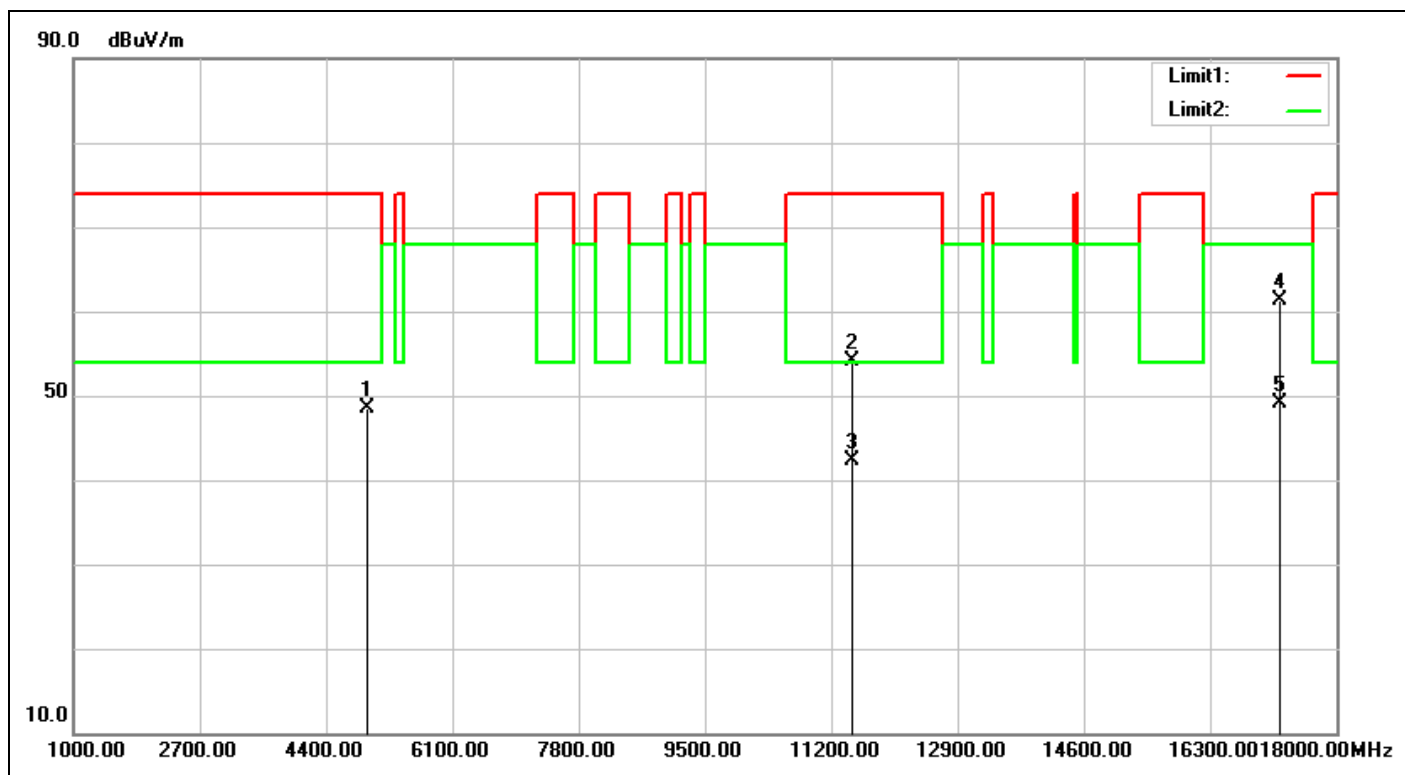
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



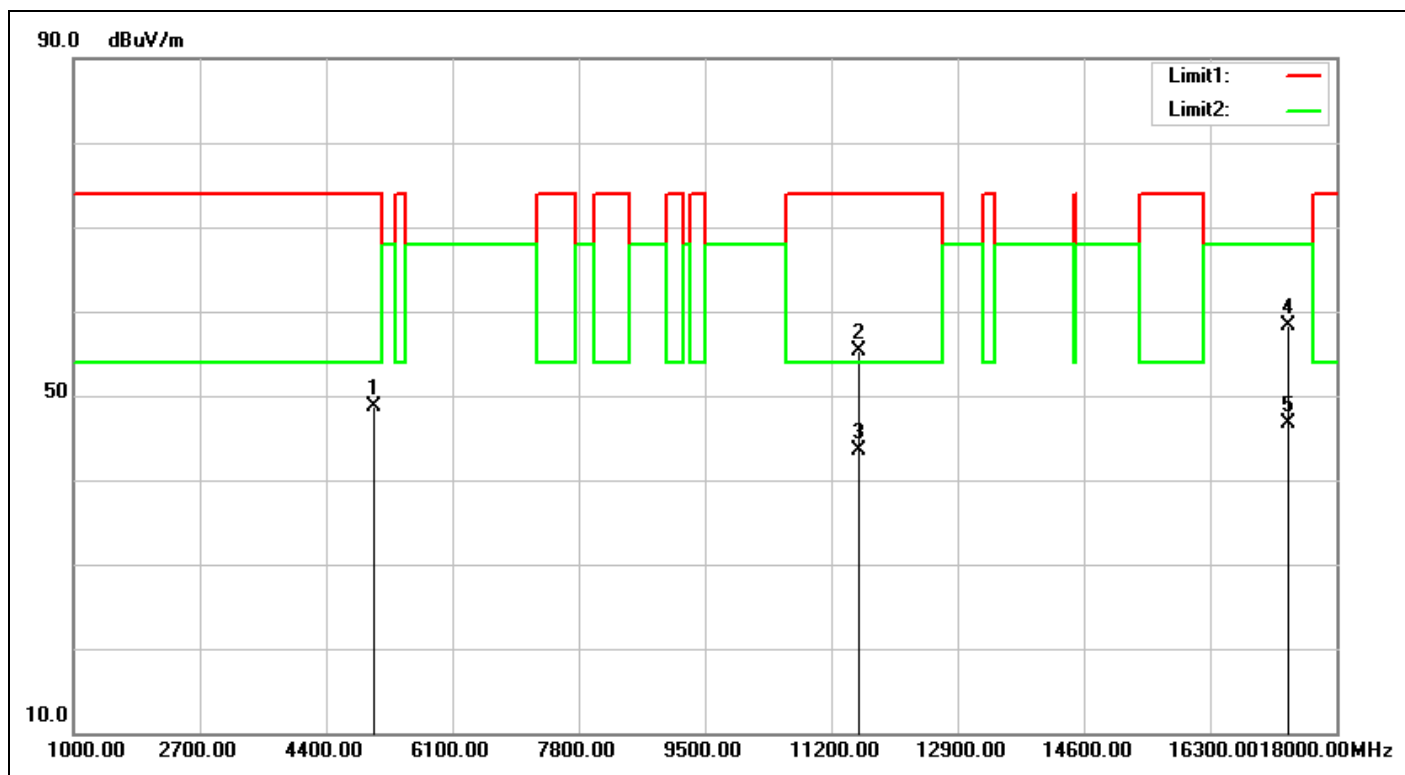
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:28:33
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%)	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1850.000	-7.26	56.77	49.51	74.00	-24.49	peak	100	360	
2	11490.000	5.78	48.25	54.03	74.00	-19.97	peak		0	
3	11490.000	5.78	36.42	42.20	54.00	-11.80	AVG		0	
4	17235.000	16.40	45.63	62.03	68.00	-5.97	peak		0	
5	17235.000	16.40	33.70	50.10	68.00	-17.90	AVG		0	



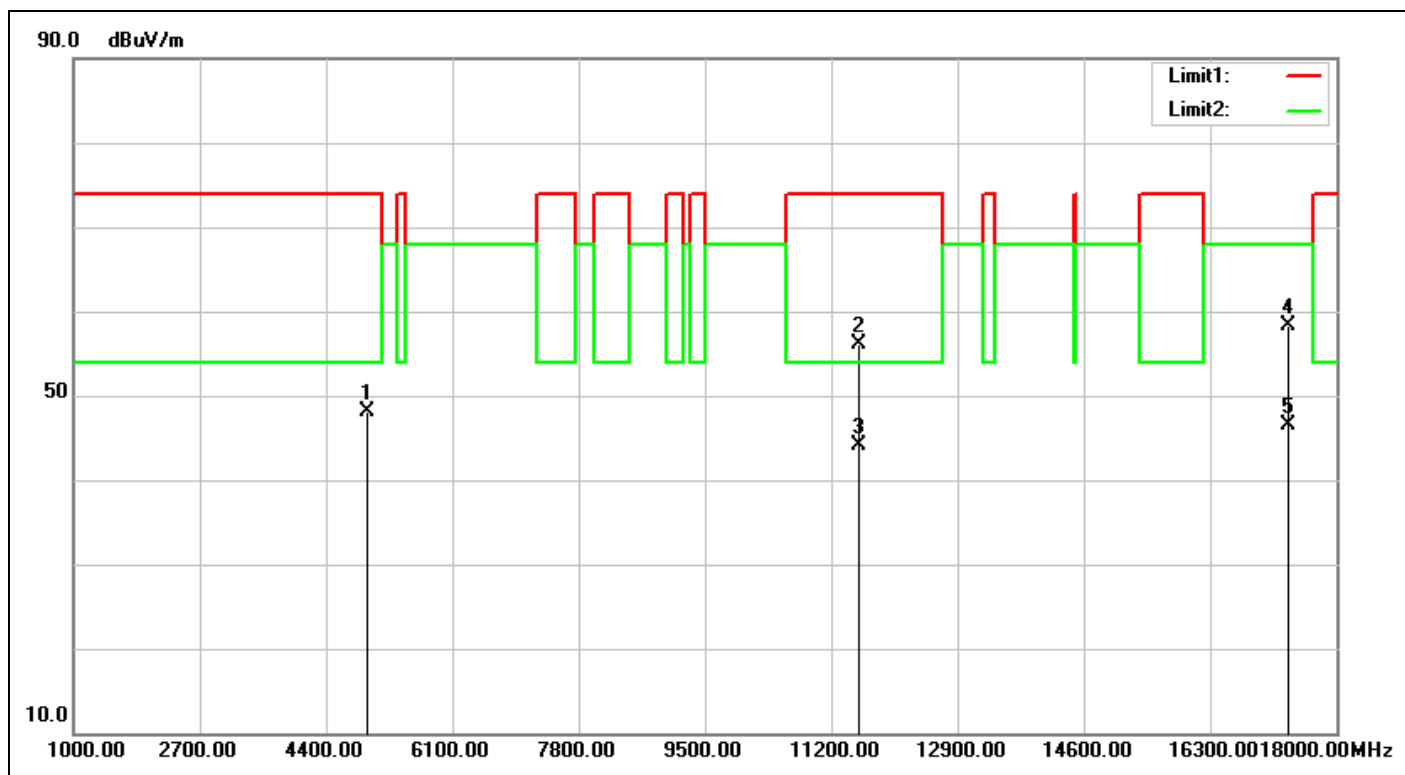
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:29:36
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.49	50.07	48.58	74.00	-25.42	peak	100	12	
2	11490.000	5.78	48.39	54.17	74.00	-19.83	peak			
3	11490.000	5.78	36.52	42.30	54.00	-11.70	AVG			
4	17235.000	16.40	44.94	61.34	68.00	-6.66	peak			
5	17235.000	16.40	32.80	49.20	68.00	-18.80	AVG			



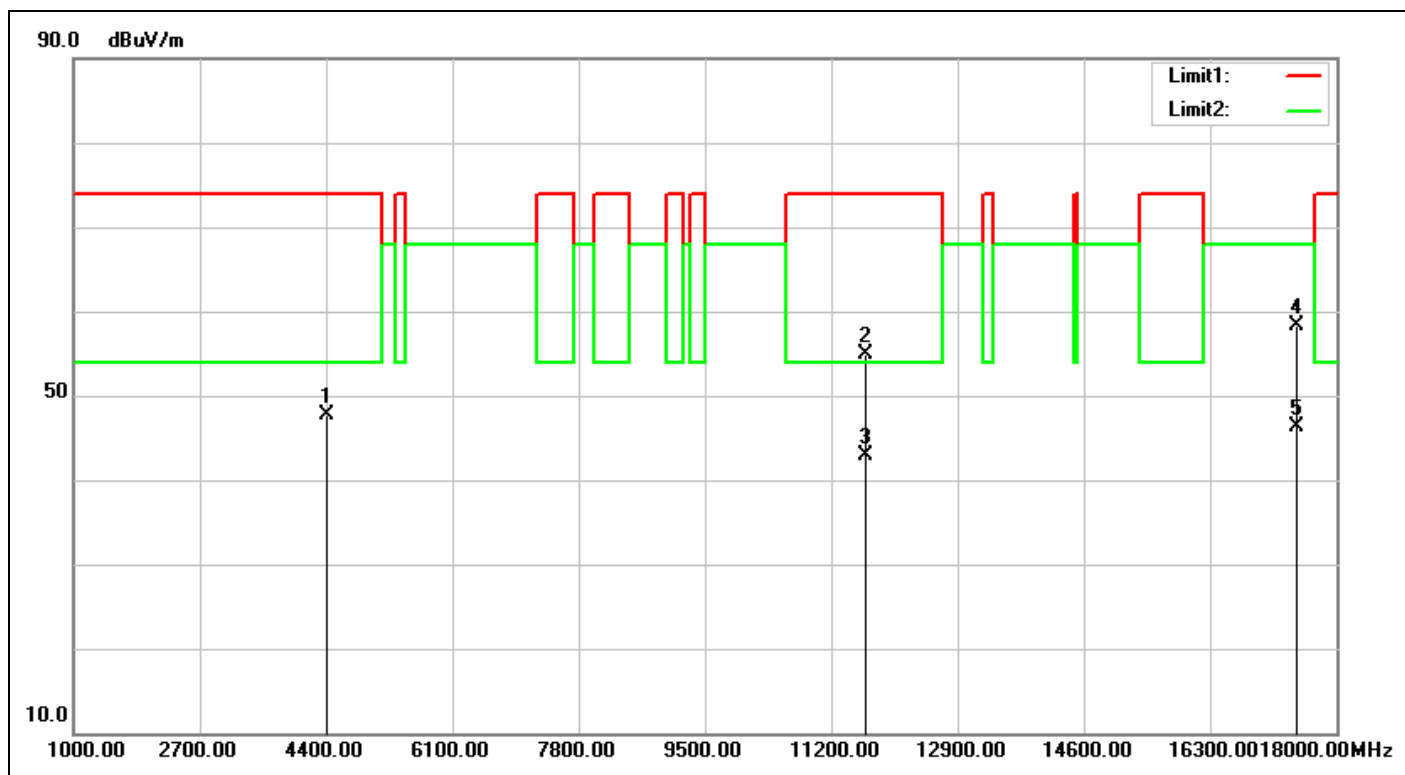
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:32:18
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5046.000	-1.19	49.90	48.71	74.00	-25.29	peak	100	268	
2	11570.000	6.07	49.20	55.27	74.00	-18.73	peak			
3	11570.000	6.07	37.53	43.60	54.00	-10.40	AVG			
4	17355.000	16.25	42.03	58.28	68.00	-9.72	peak			
5	17355.000	16.25	30.55	46.80	68.00	-21.20	AVG			



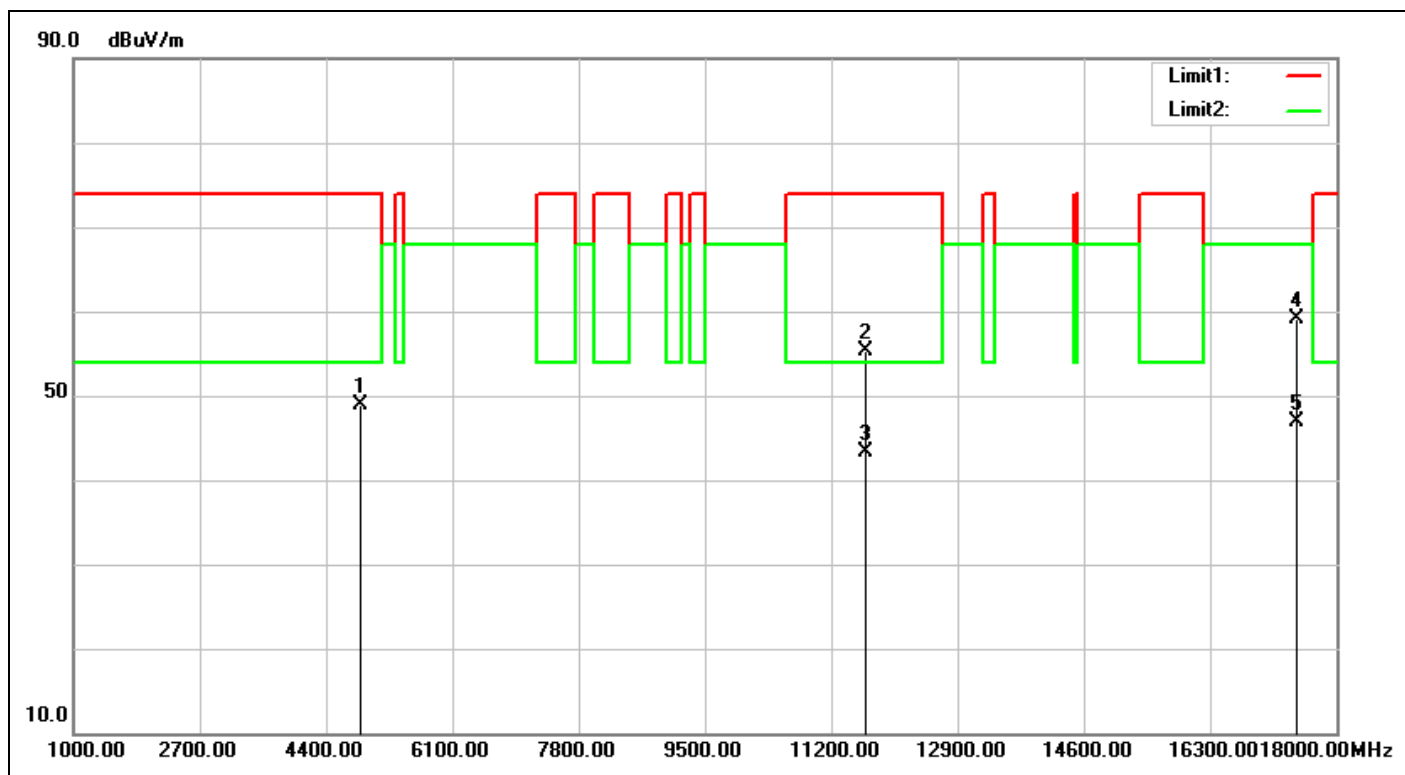
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:33:20
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.49	49.60	48.11	74.00	-25.89	peak	100	256	
2	11570.000	6.07	49.96	56.03	74.00	-17.97	peak			
3	11570.000	6.07	38.13	44.20	54.00	-9.80	AVG			
4	17355.000	16.25	42.00	58.25	68.00	-9.75	peak			
5	17355.000	16.25	30.25	46.50	68.00	-21.50	AVG			



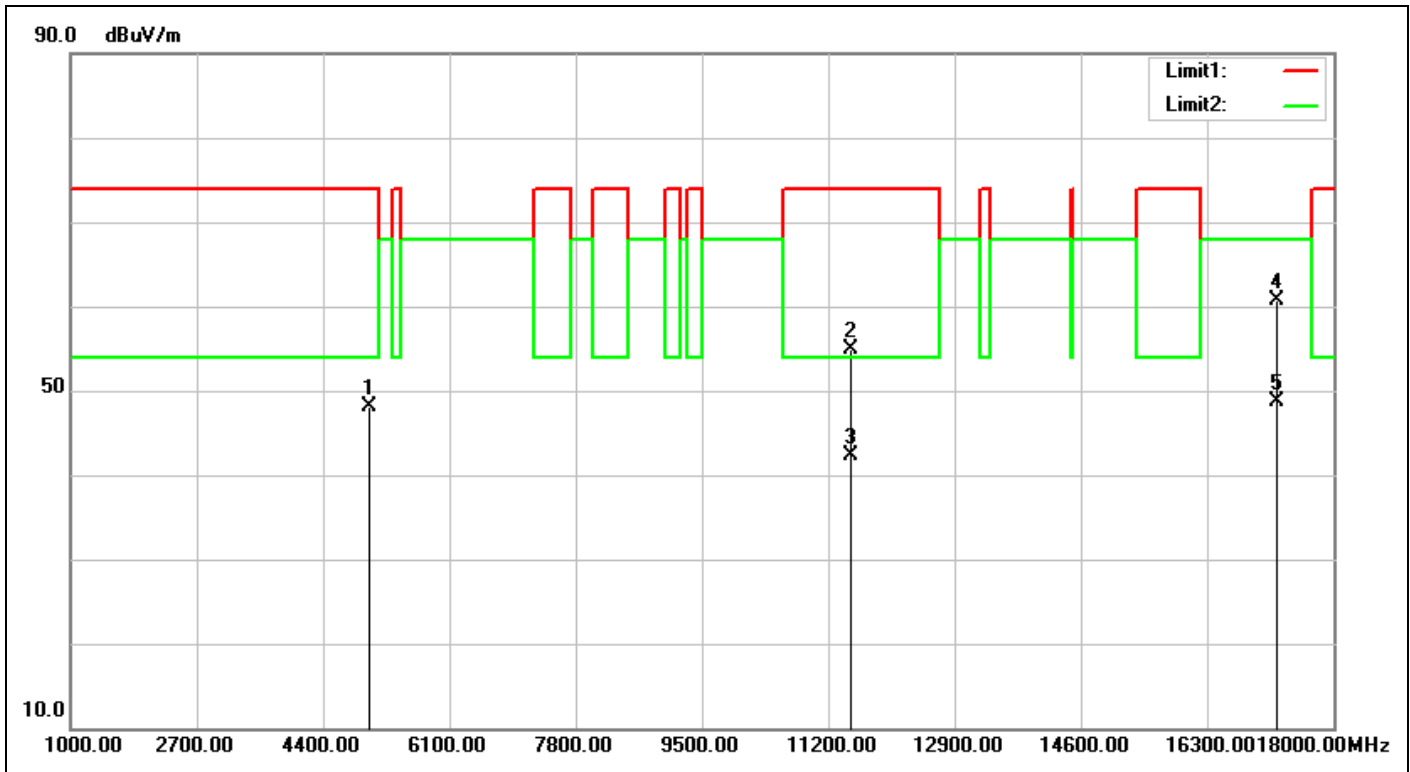
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:35:33
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4400.000	-2.36	50.08	47.72	74.00	-26.28	peak	100	307	
2	11650.000	6.37	48.55	54.92	74.00	-19.08	peak			
3	11650.000	6.37	36.63	43.00	54.00	-11.00	AVG			
4	17475.000	16.11	42.28	58.39	68.00	-9.61	peak			
5	17475.000	16.11	30.19	46.30	68.00	-21.70	AVG			



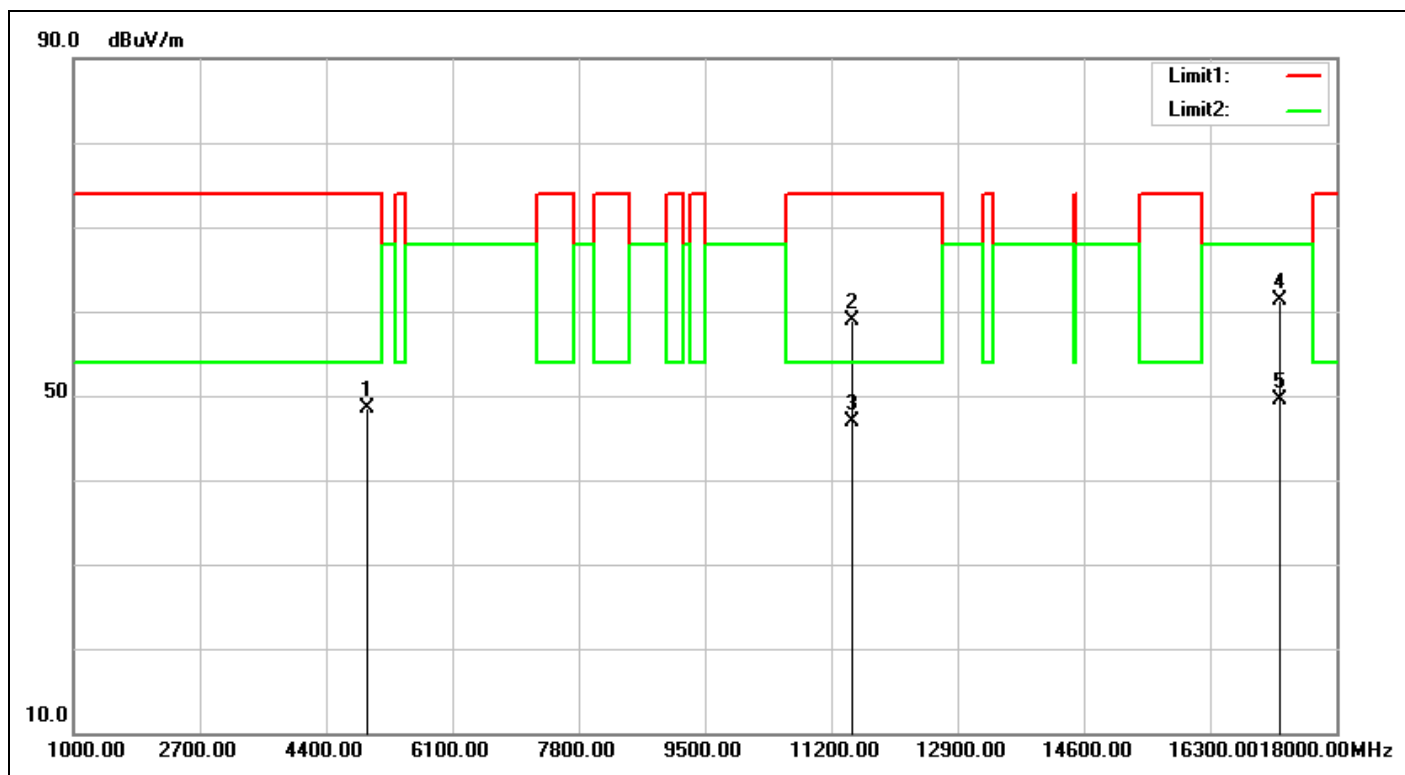
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:36:36
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	ANT1-A-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4859.000	-1.60	50.58	48.98	74.00	-25.02	peak	100	358	
2	11650.000	6.37	48.89	55.26	74.00	-18.74	peak			
3	11650.000	6.37	37.03	43.40	54.00	-10.60	AVG			
4	17475.000	16.11	43.03	59.14	68.00	-8.86	peak			
5	17475.000	16.11	30.89	47.00	68.00	-21.00	AVG			



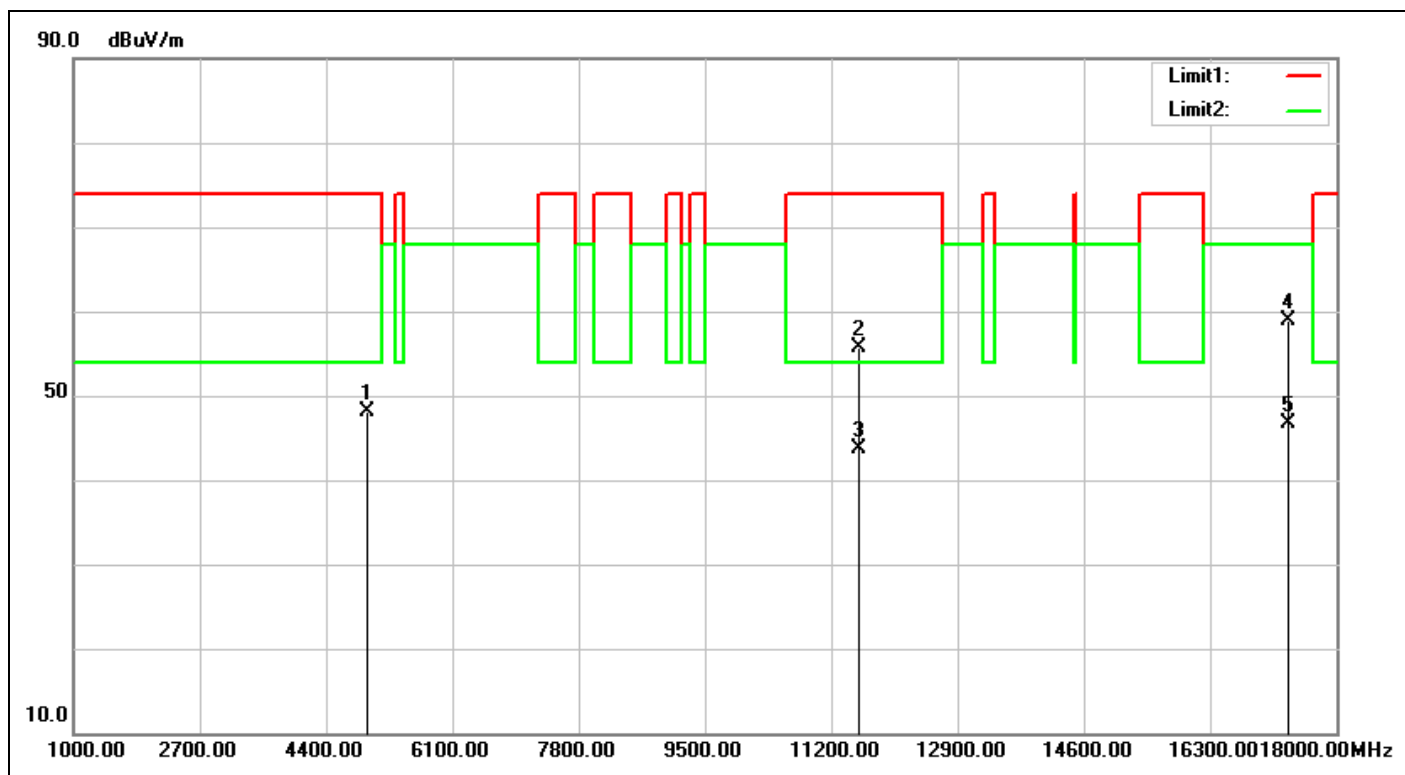
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:38:53
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5012.000	-1.38	49.46	48.08	74.00	-25.92	peak	100	71	
2	11490.000	5.78	49.10	54.88	74.00	-19.12	peak			
3	11490.000	5.78	36.52	42.30	54.00	-11.70	AVG			
4	17235.000	16.40	44.25	60.65	68.00	-7.35	peak			
5	17235.000	16.40	32.30	48.70	68.00	-19.30	AVG			



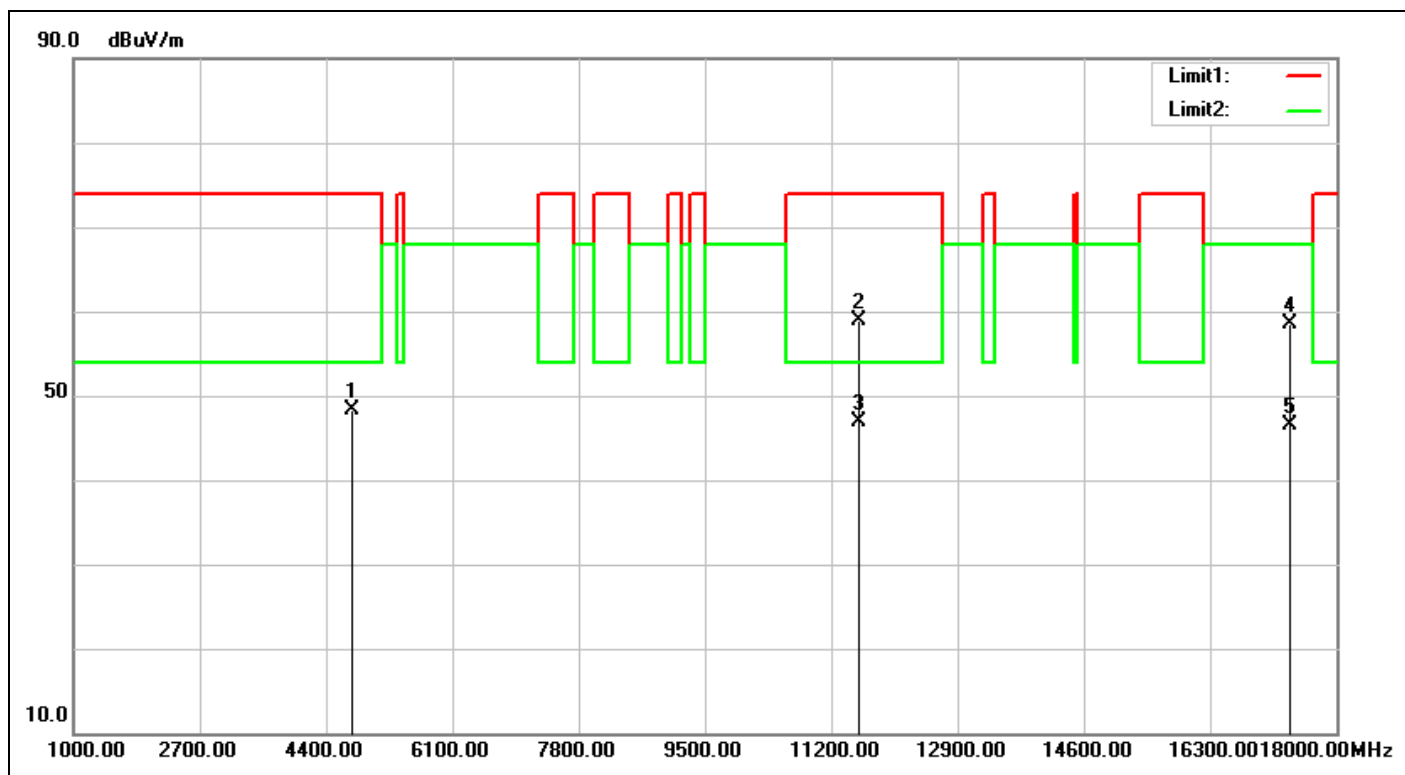
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:39:56
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5745-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4961.000	-1.49	49.99	48.50	74.00	-25.50	peak	100	39	
2	11490.000	5.78	53.14	58.92	74.00	-15.08	peak	100	308	
3	11490.000	5.78	41.22	47.00	54.00	-7.00	AVG	100	308	
4	17235.000	16.40	44.93	61.33	68.00	-6.67	peak			
5	17235.000	16.40	33.10	49.50	68.00	-18.50	AVG			



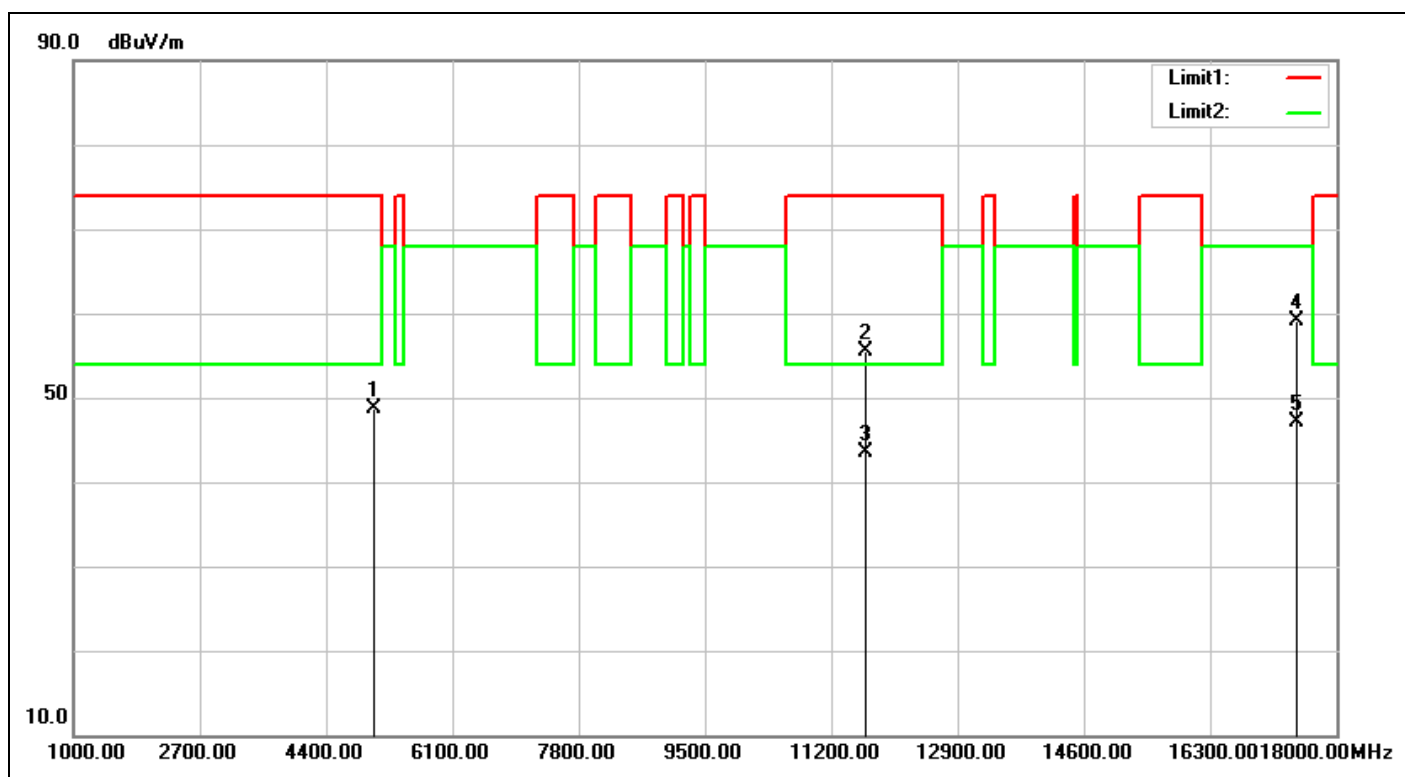
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:42:20
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.50	49.61	48.11	74.00	-25.89	peak	100	360	
2	11570.000	6.07	49.67	55.74	74.00	-18.26	peak			
3	11570.000	6.07	37.73	43.80	54.00	-10.20	AVG			
4	17355.000	16.25	42.59	58.84	68.00	-9.16	peak			
5	17355.000	16.25	30.55	46.80	68.00	-21.20	AVG			



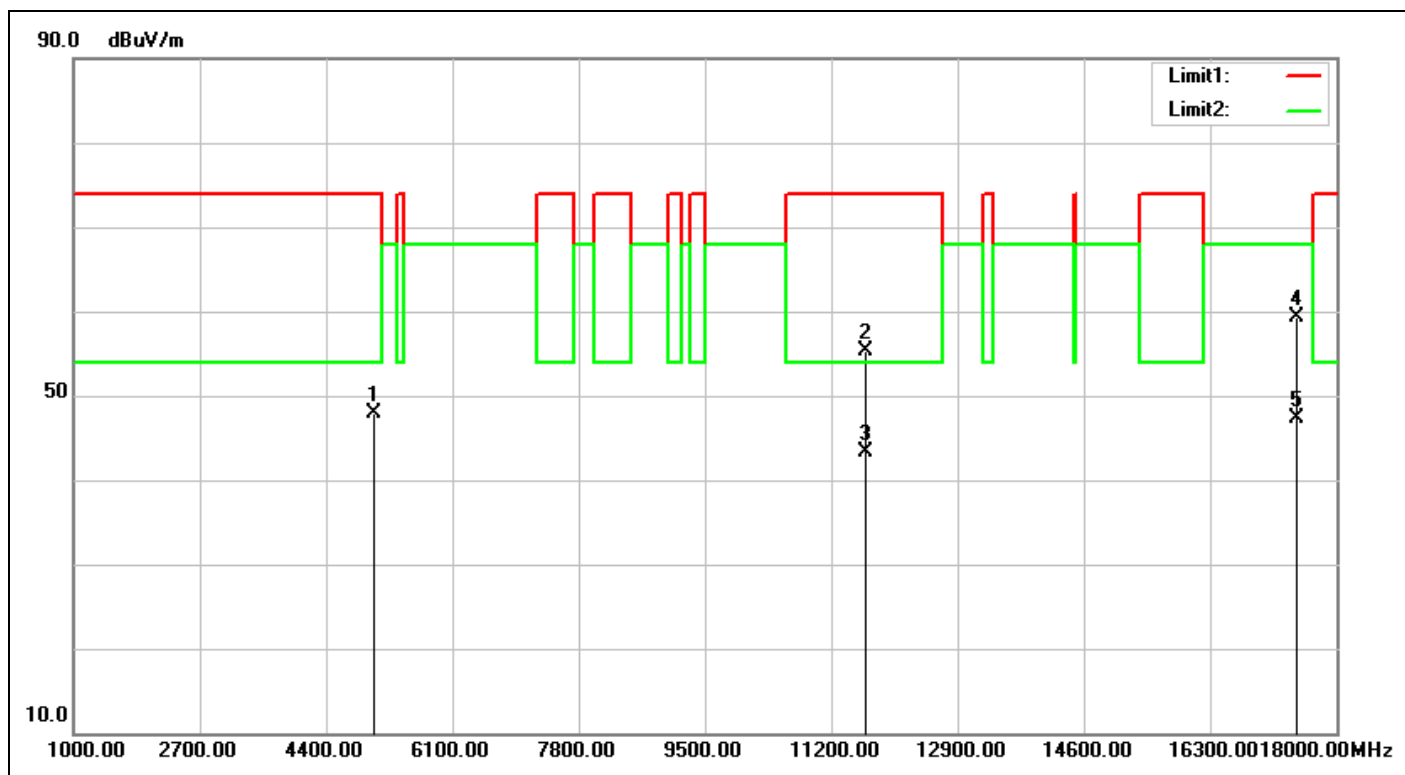
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:43:22
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5785-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4757.000	-1.71	50.00	48.29	74.00	-25.71	peak	100	9	
2	11570.000	6.07	52.76	58.83	74.00	-15.17	peak	100	303	
3	11570.000	6.07	40.83	46.90	54.00	-7.10	AVG	100	303	
4	17355.000	16.25	42.22	58.47	68.00	-9.53	peak			
5	17355.000	16.25	30.25	46.50	68.00	-21.50	AVG			



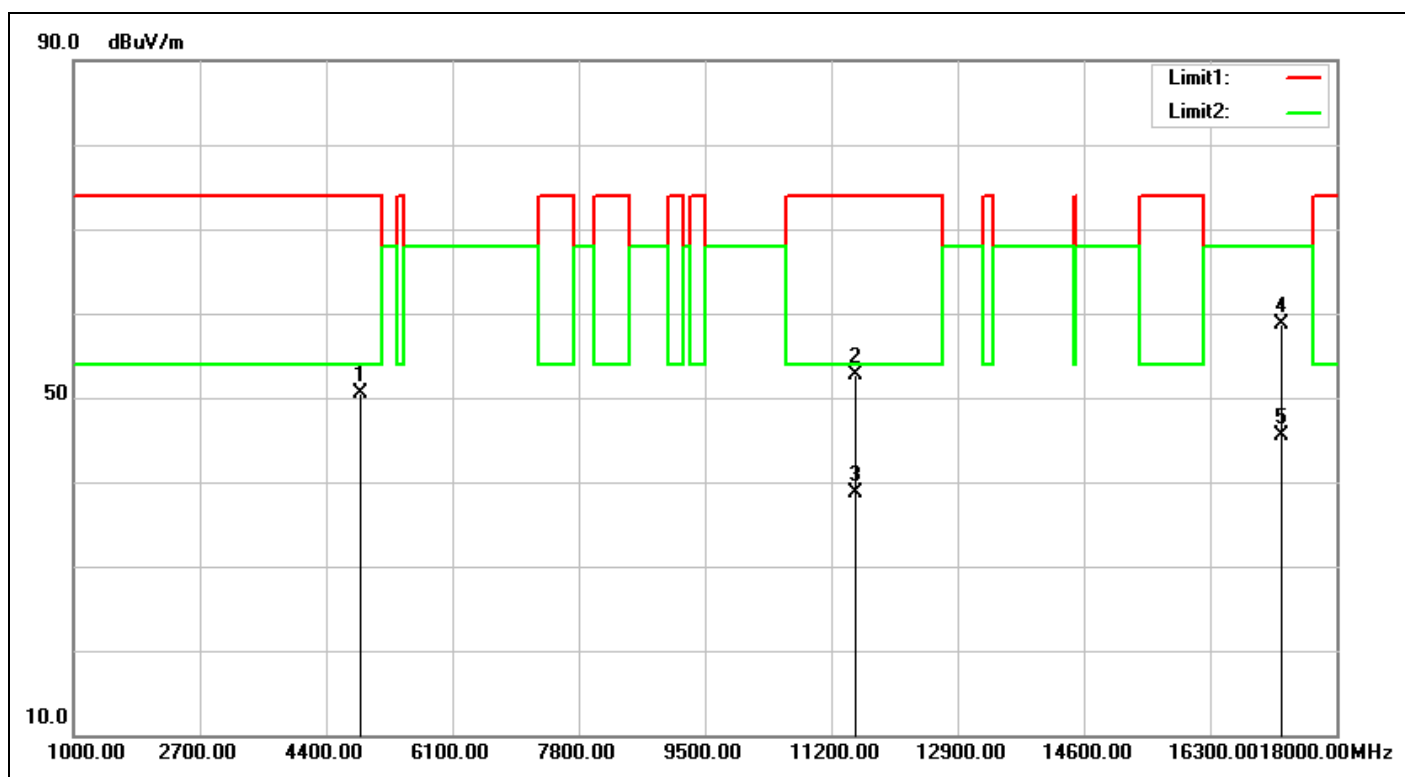
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/26 09:45:43
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5046.000	-1.19	49.94	48.75	74.00	-25.25	peak	100	360	
2	11650.000	6.37	49.06	55.43	74.00	-18.57	peak			
3	11650.000	6.37	37.13	43.50	54.00	-10.50	AVG			
4	17475.000	16.11	43.09	59.20	68.00	-8.80	peak			
5	17475.000	16.11	31.09	47.20	68.00	-20.80	AVG			



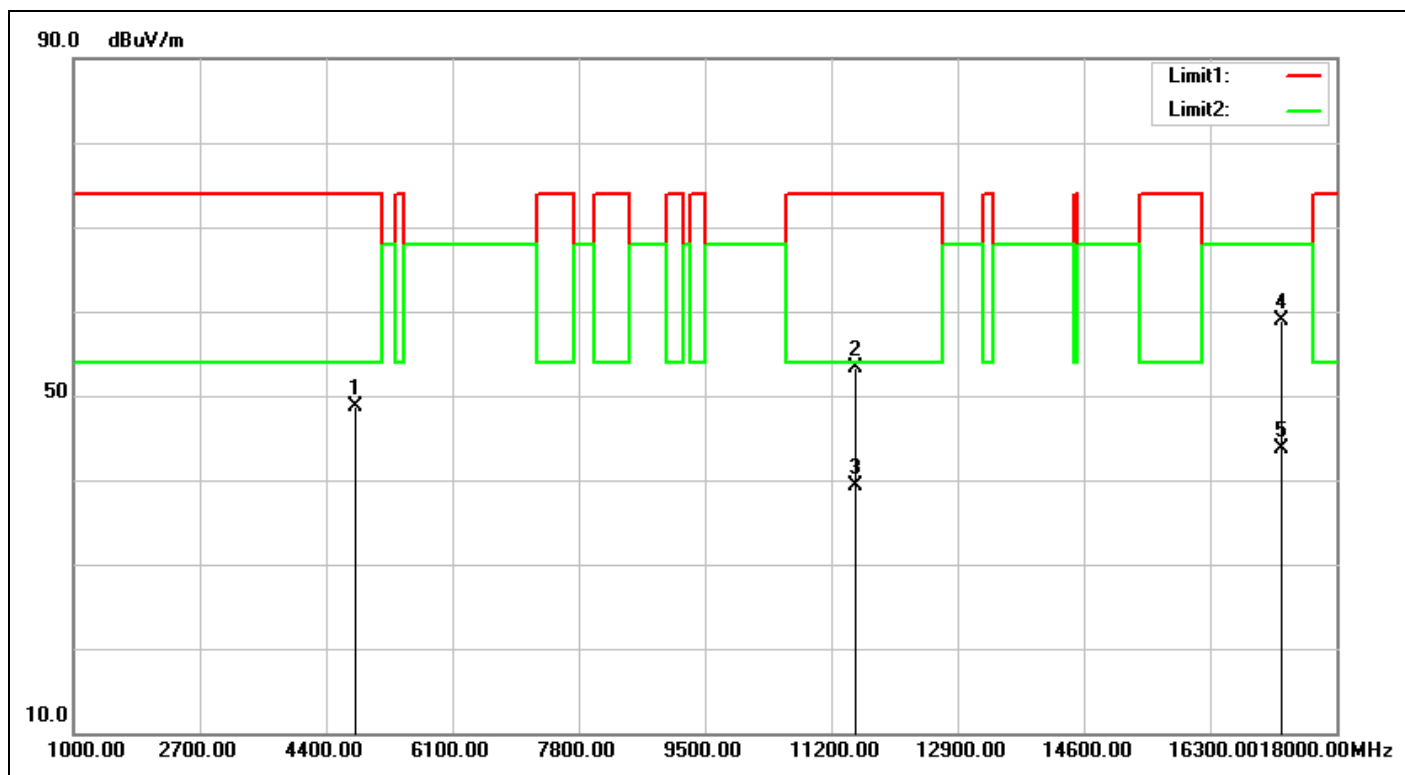
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/26 09:46:46
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22(°C)/60%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A20-5825-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	5046.000	-1.19	49.06	47.87	74.00	-26.13	peak	100	114	
2	11650.000	6.37	48.95	55.32	74.00	-18.68	peak			
3	11650.000	6.37	37.03	43.40	54.00	-10.60	AVG			
4	17475.000	16.11	43.13	59.24	68.00	-8.76	peak			
5	17475.000	16.11	31.19	47.30	68.00	-20.70	AVG			



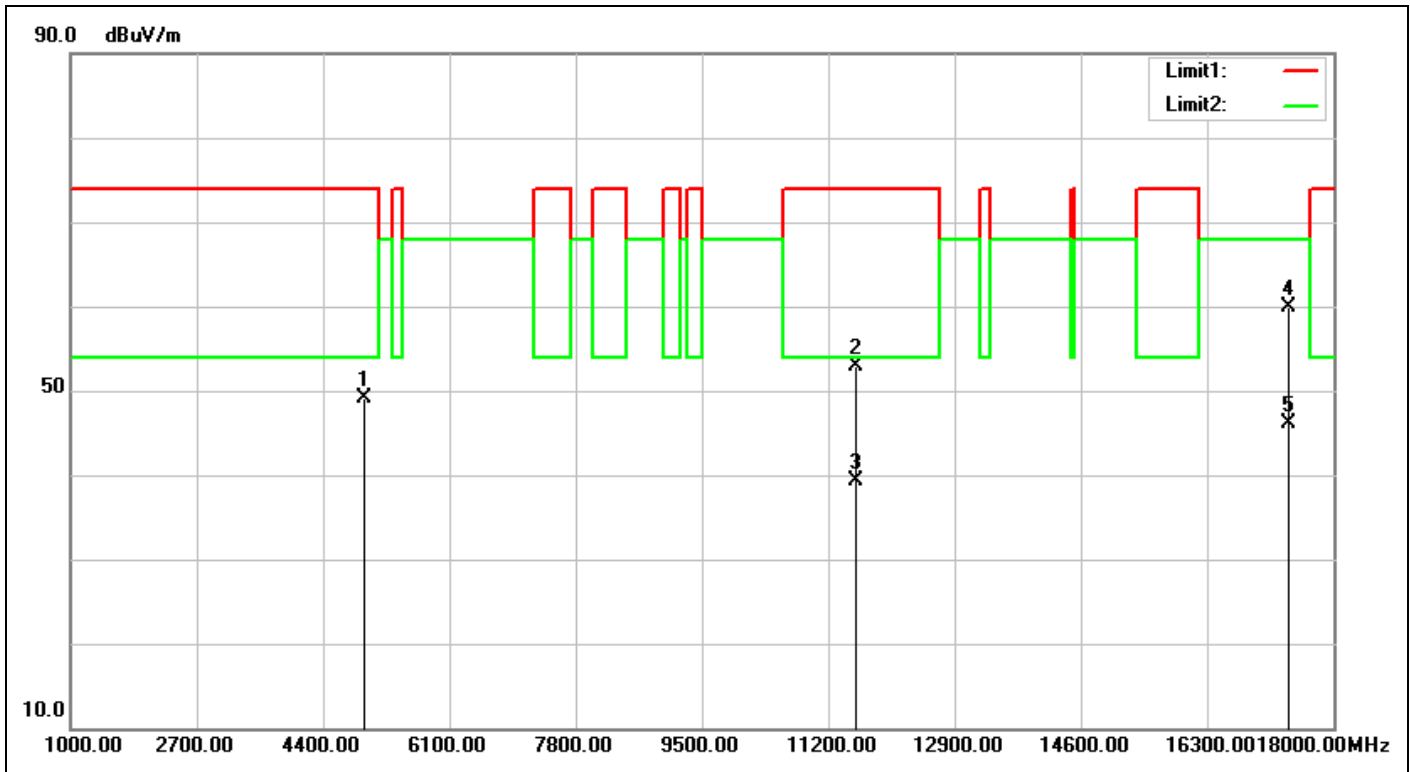
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/31 09:41:00
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22.2(°C)/59%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4859.000	-1.60	52.04	50.44	74.00	-23.56	peak	100	80	
2	11510.000	5.84	46.84	52.68	74.00	-21.32	peak			
3	11510.000	5.84	32.86	38.70	54.00	-15.30	AVG			
4	17265.000	16.36	42.34	58.70	68.00	-9.30	peak			
5	17265.000	16.36	29.14	45.50	68.00	-22.50	AVG			



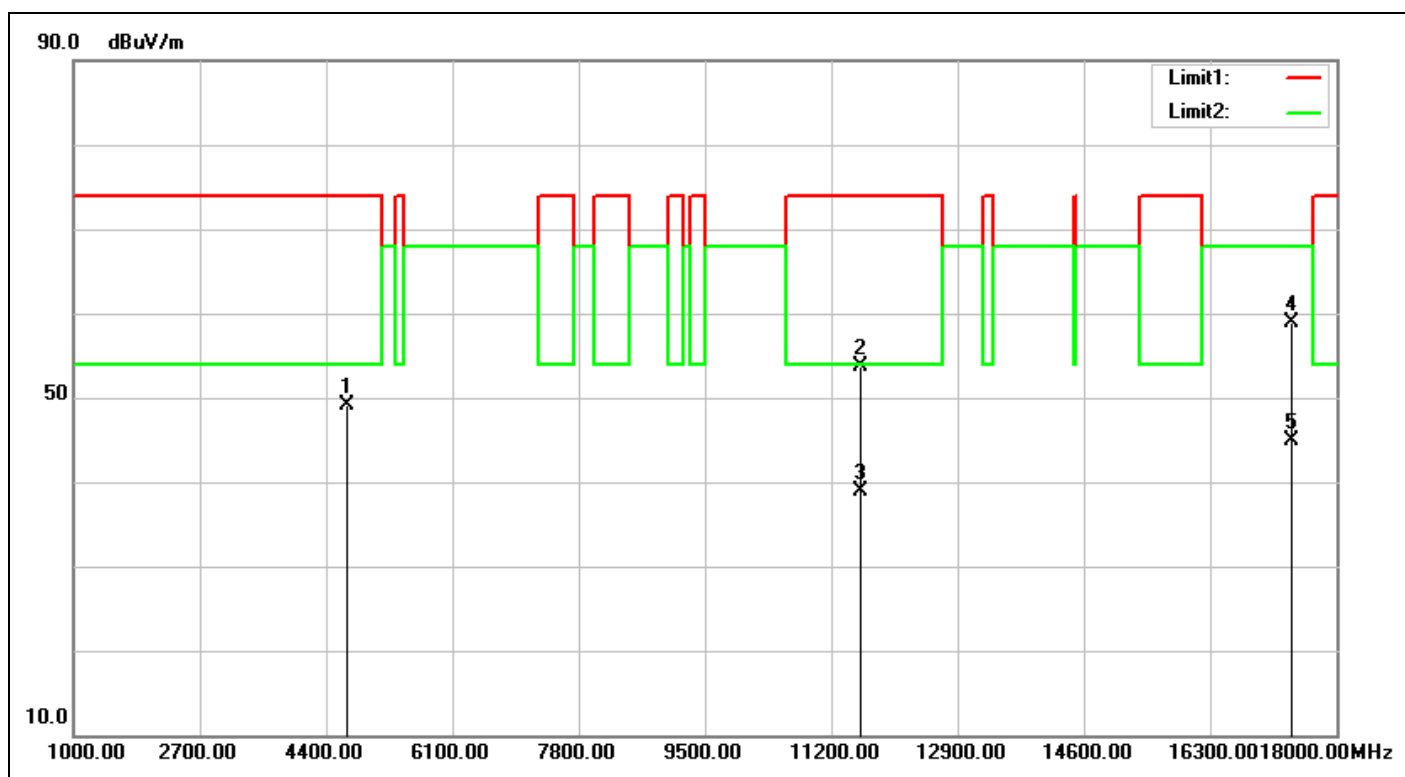
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/31 09:42:03
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	22.2(°C)/59%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5755-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4791.000	-1.66	50.27	48.61	74.00	-25.39	peak	100	12	
2	11510.000	5.84	47.51	53.35	74.00	-20.65	peak			
3	11510.000	5.84	33.56	39.40	54.00	-14.60	AVG			
4	17265.000	16.36	42.50	58.86	68.00	-9.14	peak			
5	17265.000	16.36	27.44	43.80	68.00	-24.20	AVG			



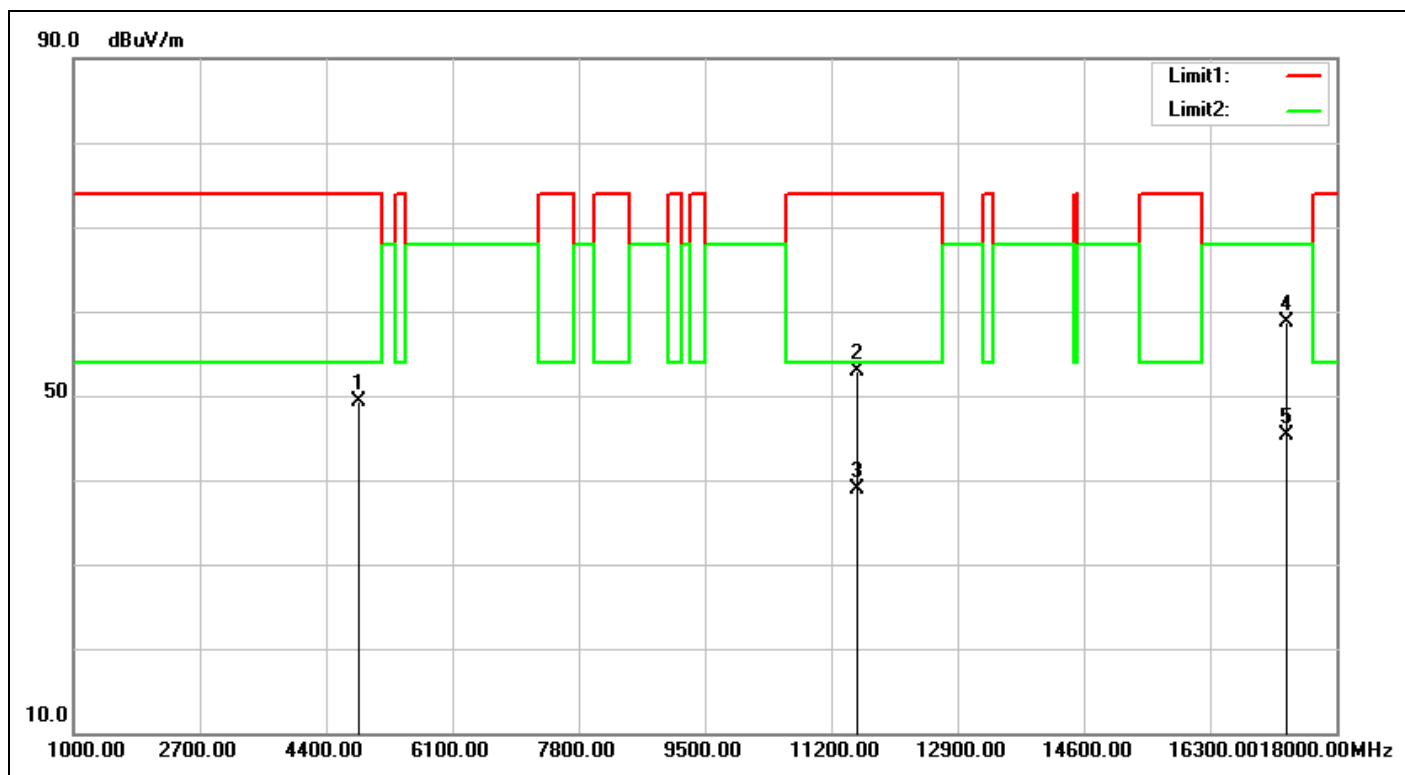
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/31 09:50:00
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%) :	22.2(°C)/59%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-1.50	50.52	49.02	74.00	-24.98	peak	100	185	
2	11590.000	6.15	46.69	52.84	74.00	-21.16	peak			
3	11590.000	6.15	33.25	39.40	54.00	-14.60	AVG			
4	17385.000	16.22	43.69	59.91	68.00	-8.09	peak			
5	17385.000	16.22	29.98	46.20	68.00	-21.80	AVG			



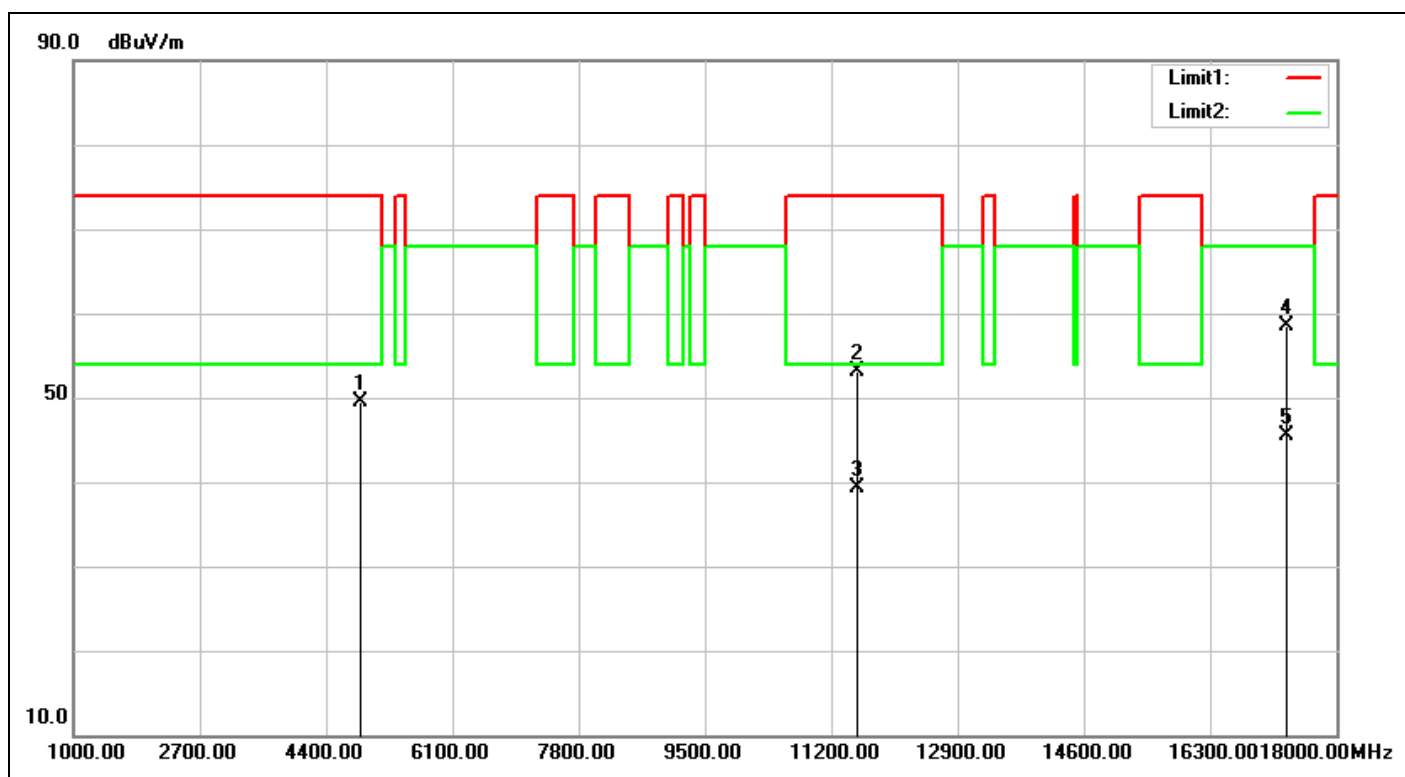
Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/31 09:51:03
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22.2(°C)/59%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A40-5795-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4672.000	-1.80	50.84	49.04	74.00	-24.96	peak	100	133	
2	11590.000	6.15	47.60	53.75	74.00	-20.25	peak			
3	11590.000	6.15	32.75	38.90	54.00	-15.10	AVG			
4	17385.000	16.22	42.74	58.96	68.00	-9.04	peak			
5	17385.000	16.22	28.78	45.00	68.00	-23.00	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/8/31 09:53:38
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22.2(°C)/59%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5775-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4842.000	-1.61	50.86	49.25	74.00	-24.75	peak	100	35	
2	11550.000	5.99	46.90	52.89	74.00	-21.11	peak			
3	11550.000	5.99	32.91	38.90	54.00	-15.10	AVG			
4	17325.000	16.29	42.36	58.65	68.00	-9.35	peak			
5	17325.000	16.29	29.01	45.30	68.00	-22.70	AVG			



Service No.:	114054306	Test Distance:	3m
Test Standard:	FCC 1-40G UNII PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/8/31 09:54:41
Applicant:	TUV SZ(Lenovo)	Test Rating:	AC 110V/60Hz
Product:	ThinkPad Stack Mobile Projector	Temp.(°C)/Hum.(%):	22.2(°C)/59%
Model No.:	M123	Test Engineer:	George Yang
Test Mode:	A80-5775-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4859.000	-1.60	51.07	49.47	74.00	-24.53	peak	100	83	
2	11550.000	5.99	47.14	53.13	74.00	-20.87	peak			
3	11550.000	5.99	33.31	39.30	54.00	-14.70	AVG			
4	17325.000	16.29	42.25	58.54	68.00	-9.46	peak			
5	17325.000	16.29	29.21	45.50	68.00	-22.50	AVG			