



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #571	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/16/25
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	56.84	-15.67	41.17	46.00	-4.83	QP			
2	414.7223	59.17	-15.41	43.76	46.00	-2.24	QP			
3	793.3958	44.26	-7.87	36.39	46.00	-9.61	QP			



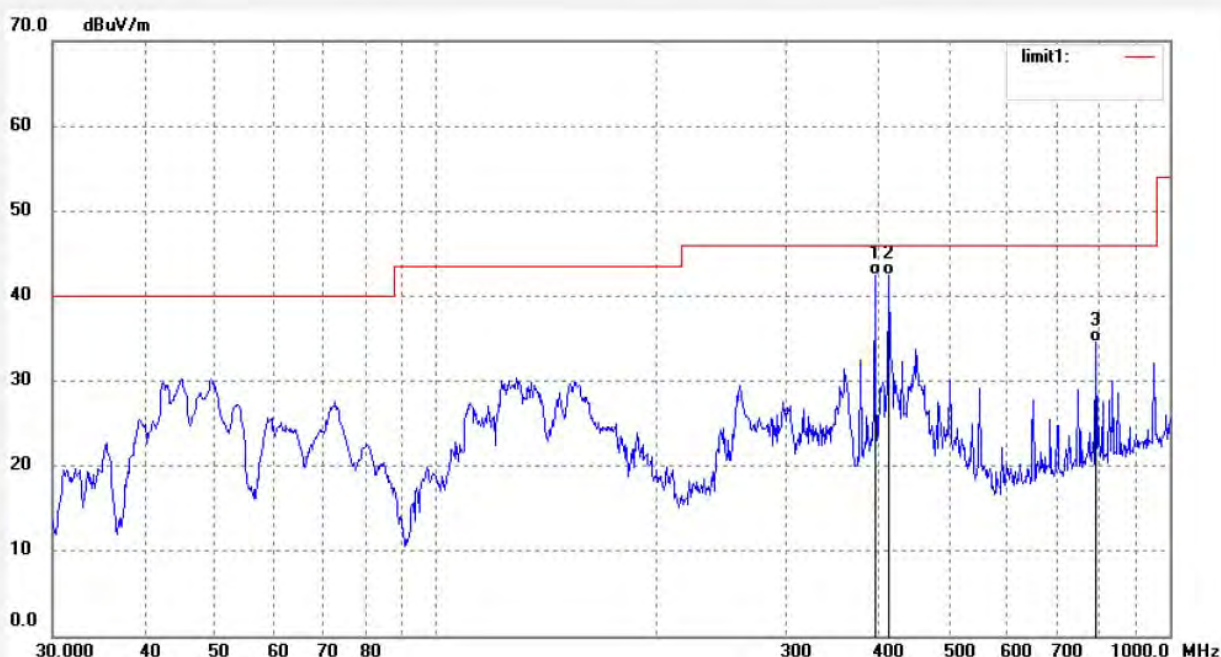
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #572	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/20/03
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	58.18	-15.67	42.51	46.00	-3.49	QP			
2	414.7223	57.80	-15.41	42.39	46.00	-3.61	QP			
3	793.3958	42.43	-7.87	34.56	46.00	-11.44	QP			



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Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #573
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 1(802.11n)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 10/24/44
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	56.62	-15.67	40.95	46.00	-5.05	QP			
2	414.7223	58.07	-15.41	42.66	46.00	-3.34	QP			
3	793.3958	42.03	-7.87	34.16	46.00	-11.84	QP			


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 Site: 1# Chamber
 Tel:+86-0755-26503290
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Job No.: star2014 #574

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Internet TV Box

Mode: TX Channel 1(802.11n)

Model: VP9B2

Manufacturer: VP9 Vietnam.,JSC

Polarization: Horizontal

Power Source: AC 120V/60Hz

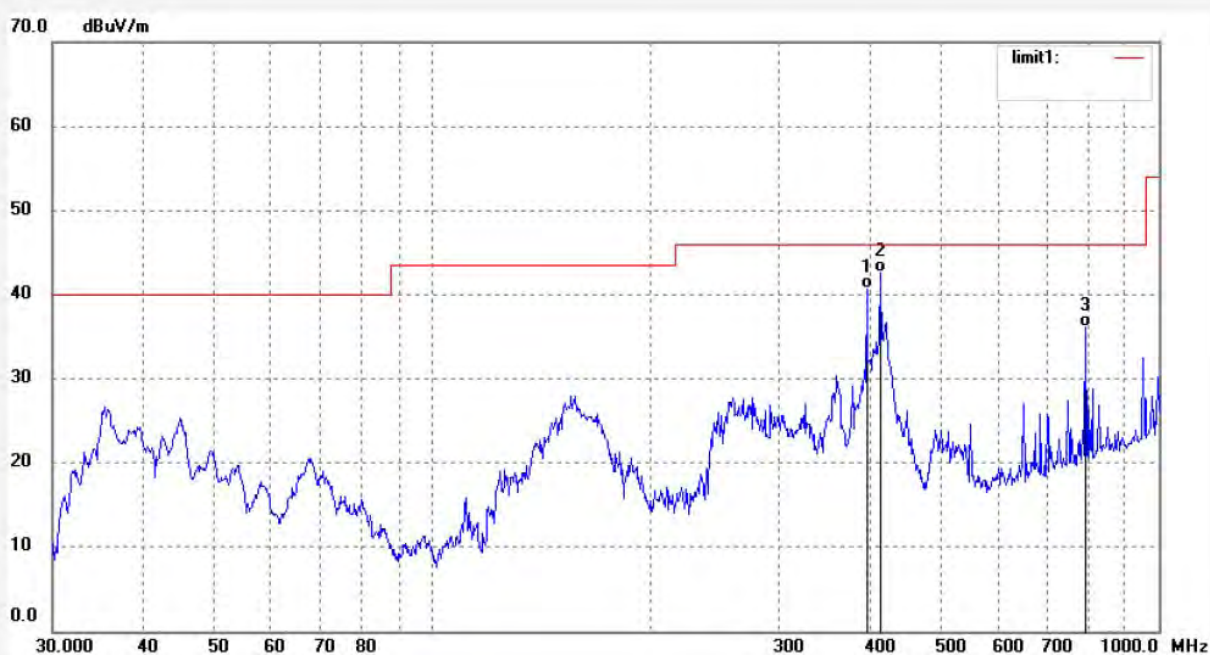
Date: 14/06/21/

Time: 10/29/23

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	56.41	-15.67	40.74	46.00	-5.26	QP			
2	413.2706	58.01	-15.43	42.58	46.00	-3.42	QP			
3	793.3958	43.95	-7.87	36.08	46.00	-9.92	QP			



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Site: 1# Chamber
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Job No.: star2014 #575

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Internet TV Box

Mode: TX Channel 6(802.11n)

Model: VP9B2

Manufacturer: VP9 Vietnam.,JSC

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 14/06/21/

Time: 10/33/01

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	55.54	-15.67	39.87	46.00	-6.13	QP			
2	414.7223	57.78	-15.41	42.37	46.00	-3.63	QP			
3	793.3958	45.56	-7.87	37.69	46.00	-8.31	QP			



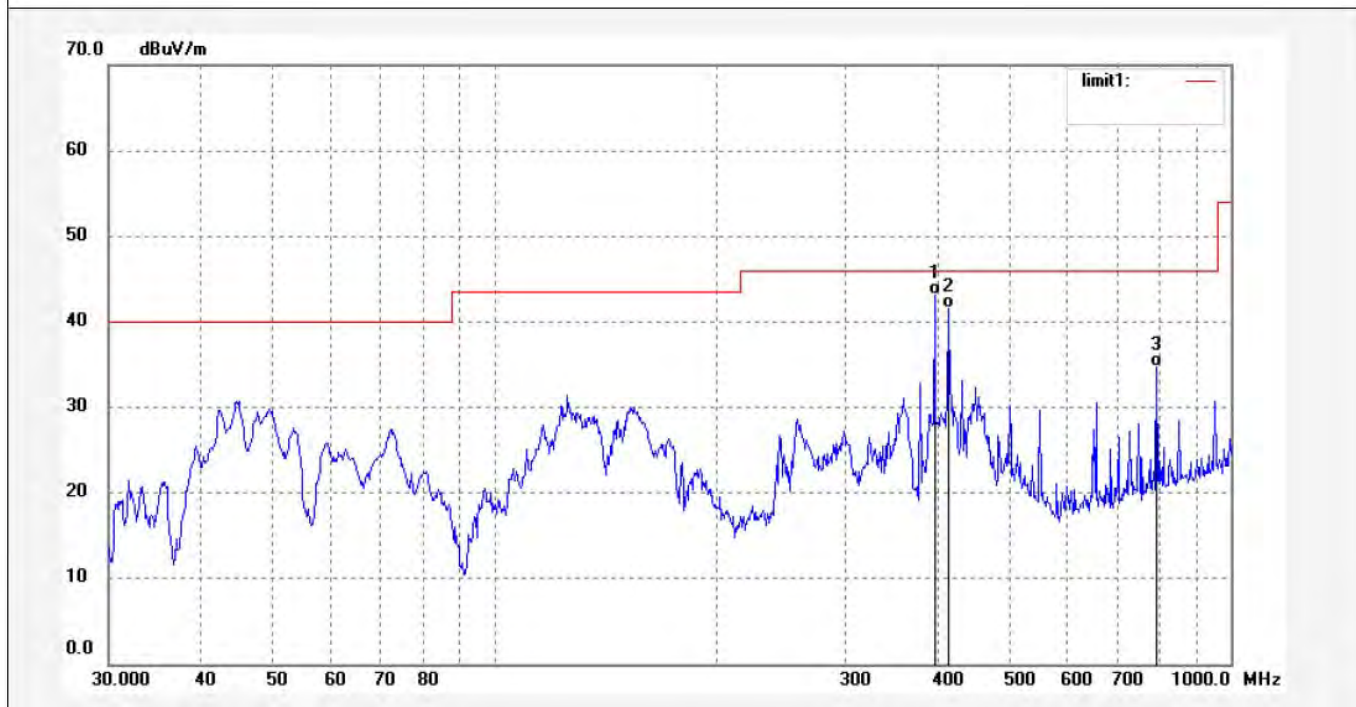
ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #576	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/37/39
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	58.85	-15.67	43.18	46.00	-2.82	QP			
2	414.7223	57.03	-15.41	41.62	46.00	-4.38	QP			
3	793.3958	42.53	-7.87	34.66	46.00	-11.34	QP			



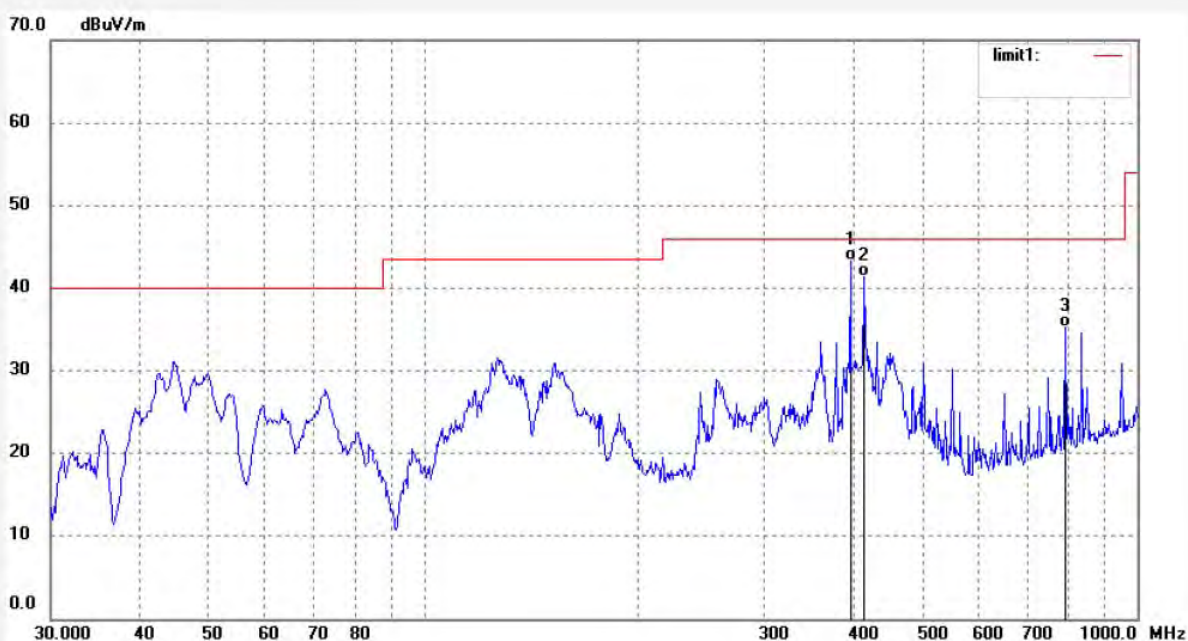
ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
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Job No.: star2014 #577	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/41/10
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	58.97	-15.67	43.30	46.00	-2.70	QP			
2	414.7223	56.77	-15.41	41.36	46.00	-4.64	QP			
3	793.3958	43.15	-7.87	35.28	46.00	-10.72	QP			



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Job No.: star2014 #578
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 11(802.11n)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 10/46/57
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	56.25	-15.67	40.58	46.00	-5.42	QP			
2	413.2706	56.14	-15.43	40.71	46.00	-5.29	QP			
3	793.3958	44.78	-7.87	36.91	46.00	-9.09	QP			



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Site: 1# Chamber
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Job No.: star2014 #579	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/50/50
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 3(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	56.72	-15.67	41.05	46.00	-4.95	QP			
2	414.7223	58.09	-15.41	42.68	46.00	-3.32	QP			
3	793.3958	44.04	-7.87	36.17	46.00	-9.83	QP			



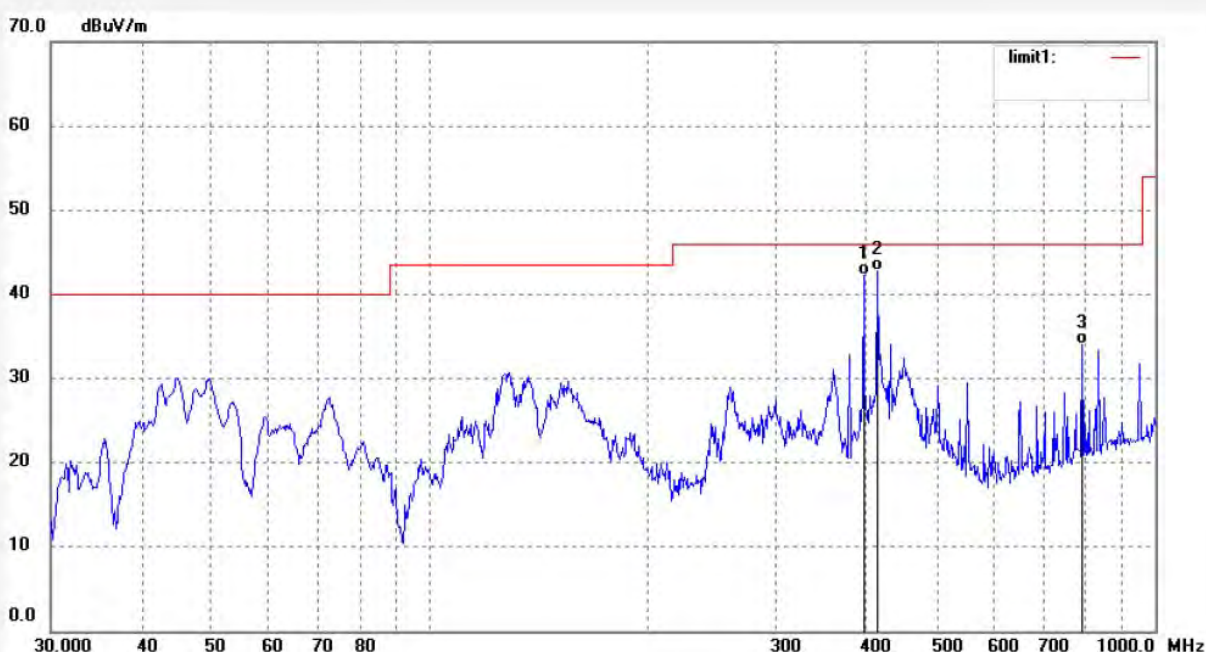
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Site: 1# Chamber
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Job No.: star2014 #580	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 10/54/33
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 3(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	57.90	-15.67	42.23	46.00	-3.77	QP			
2	414.7223	58.22	-15.41	42.81	46.00	-3.19	QP			
3	793.3958	41.84	-7.87	33.97	46.00	-12.03	QP			



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Site: 1# Chamber
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Job No.: star2014 #581	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/00/07
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	58.93	-15.67	43.26	46.00	-2.74	QP			
2	414.7223	57.78	-15.41	42.37	46.00	-3.63	QP			
3	793.3958	42.20	-7.87	34.33	46.00	-11.67	QP			



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Site: 1# Chamber
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Job No.: star2014 #582	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/05/47
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	59.29	-15.67	43.62	46.00	-2.38	QP			
2	413.2706	56.69	-15.43	41.26	46.00	-4.74	QP			
3	793.3958	46.35	-7.87	38.48	46.00	-7.52	QP			

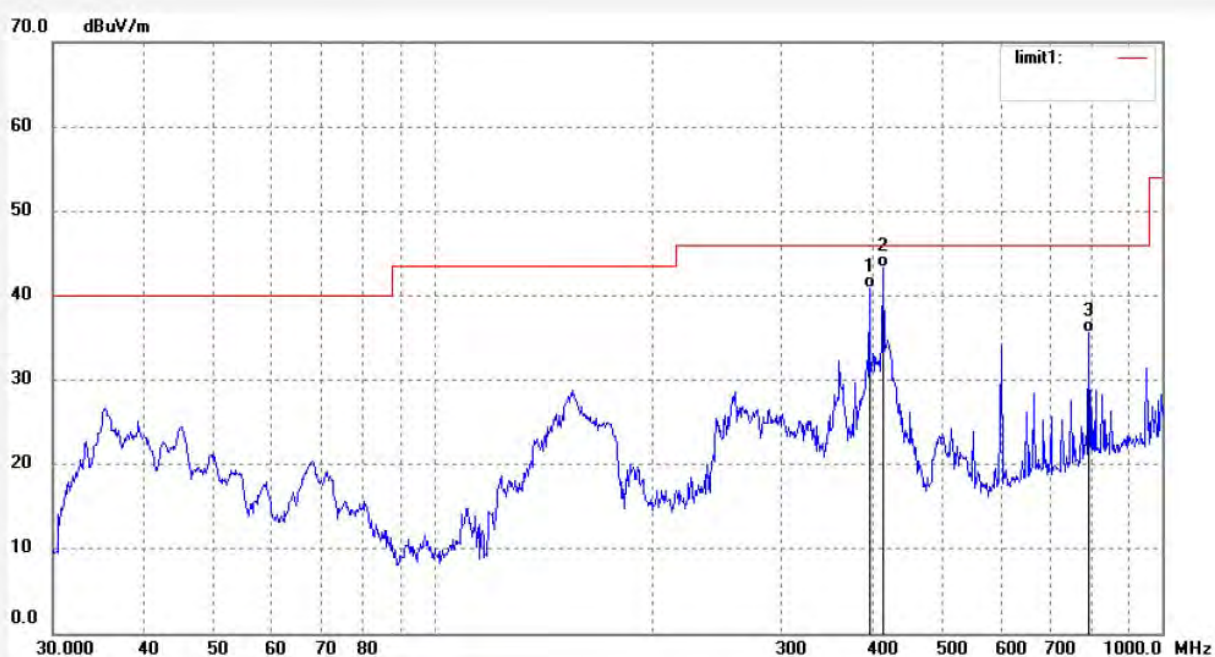

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 1# Chamber
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Job No.: star2014 #583	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/10/26
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2414	56.56	-15.67	40.89	46.00	-5.11	QP			
2	414.7223	58.72	-15.41	43.31	46.00	-2.69	QP			
3	793.3958	43.55	-7.87	35.68	46.00	-10.32	QP			



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Site: 1# Chamber
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Job No.: star2014 #584	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/14/10
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	396.2415	58.97	-15.67	43.30	46.00	-2.70	QP			
2	414.7223	58.06	-15.41	42.65	46.00	-3.35	QP			
3	793.3960	42.02	-7.87	34.15	46.00	-11.85	QP			



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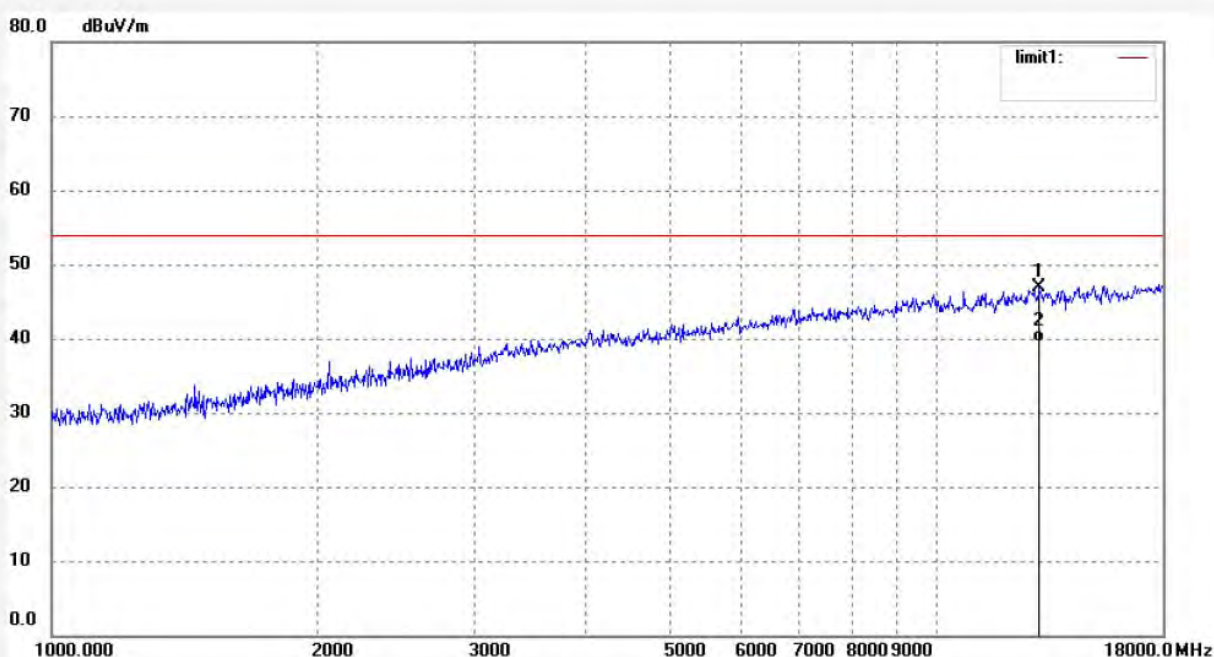
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #585
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 1(802.11b)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 11/20/52
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13059.822	38.98	8.02	47.00	54.00	-7.00	peak			
2	13059.822	31.47	8.02	39.49	54.00	-14.51	AVG			



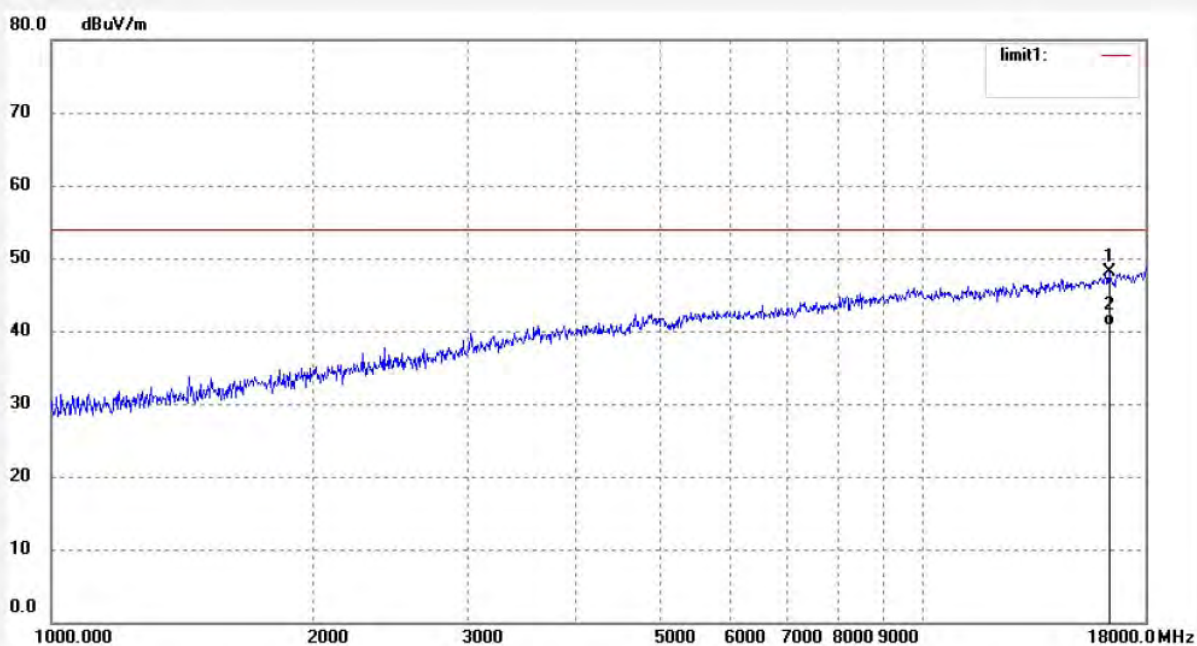
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #586	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/24/36
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 1(802.11b)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16362.457	36.10	12.01	48.11	54.00	-5.89	peak			
2	16362.457	28.63	12.01	40.64	54.00	-13.36	AVG			



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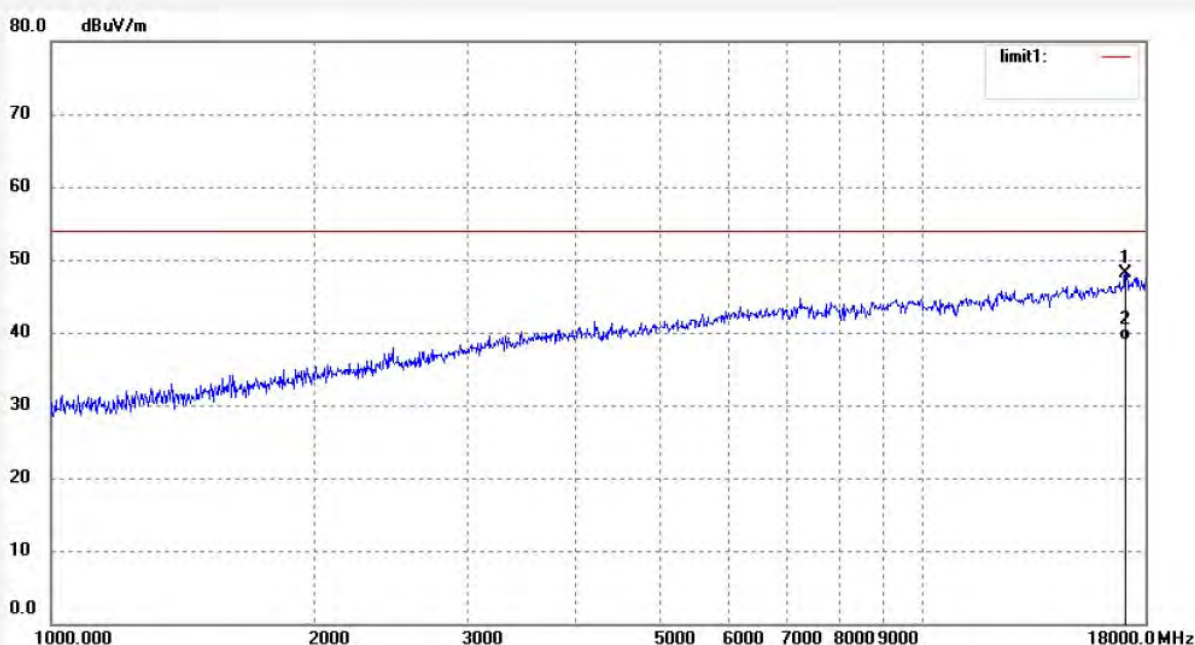
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #587
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 6(802.11b)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 11/28/56
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17087.464	33.87	14.19	48.06	54.00	-5.94	peak			
2	17087.464	24.70	14.19	38.89	54.00	-15.11	AVG			



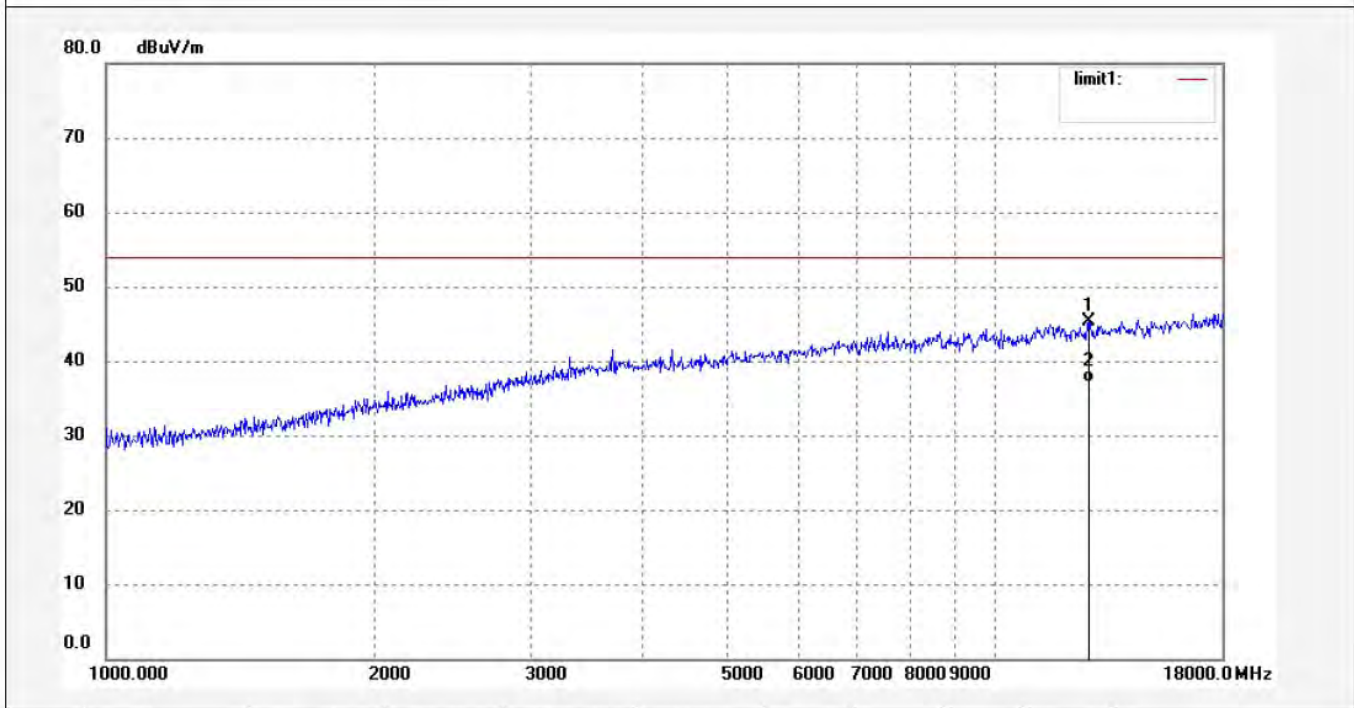
ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #588	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/33/39
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11b)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12724.473	37.77	7.49	45.26	54.00	-8.74	peak			
2	12724.473	29.68	7.49	37.17	54.00	-16.83	AVG			



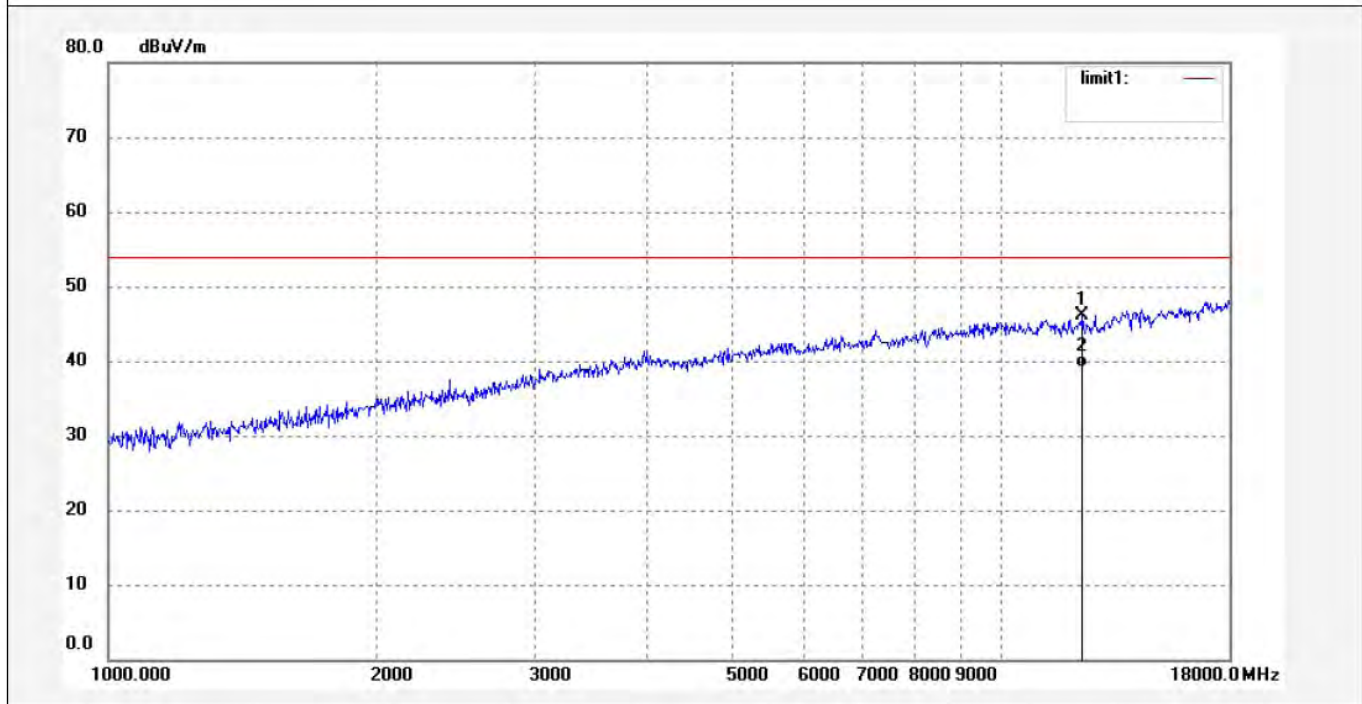
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Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: star2014 #589	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/37/22
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11b)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12326.274	39.21	6.93	46.14	54.00	-7.86	peak			
2	12326.274	32.19	6.93	39.12	54.00	-14.88	AVG			



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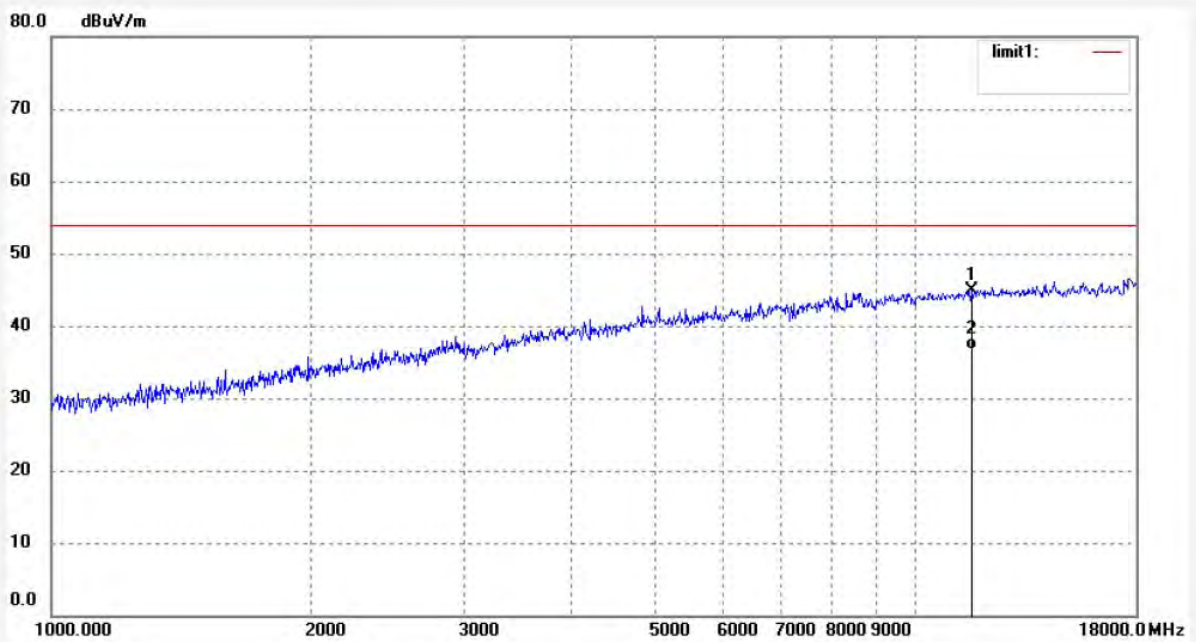
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2014 #590
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 11(802.11b)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 11/41/56
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11600.350	38.77	6.14	44.91	54.00	-9.09	peak			
2	11600.350	30.55	6.14	36.69	54.00	-17.31	AVG			



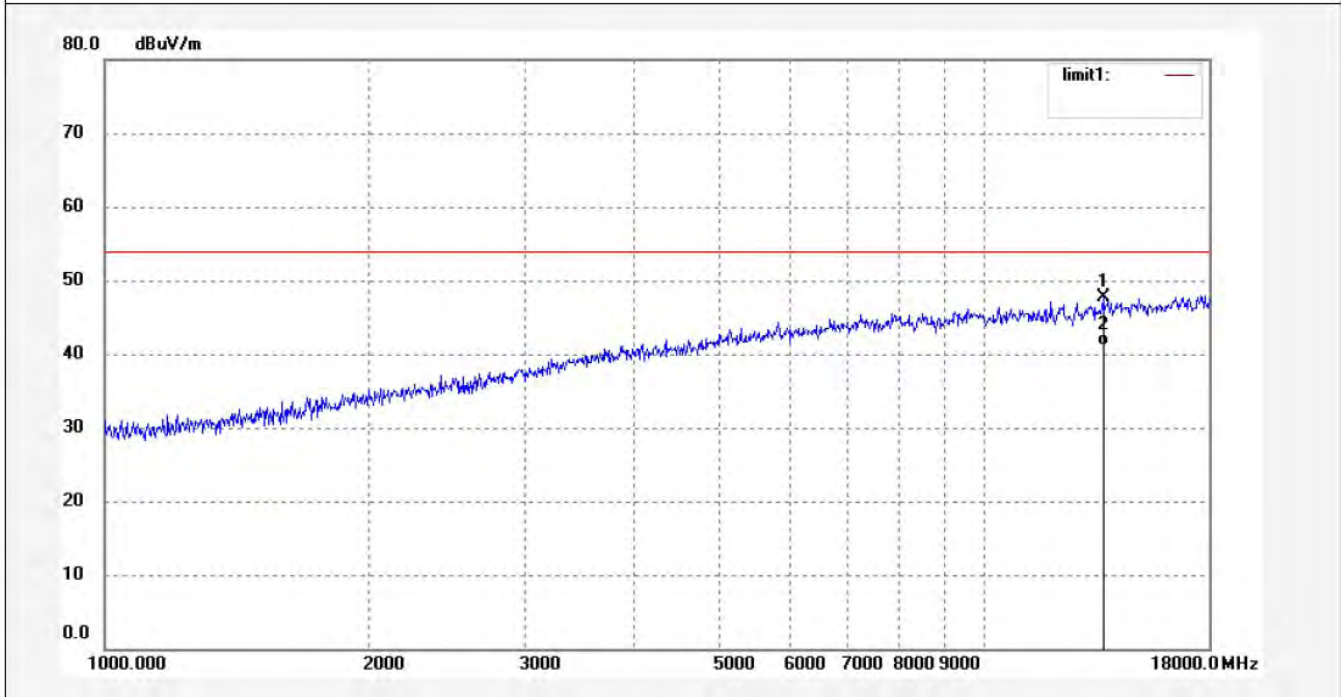
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Job No.: star2014 #591	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/45/47
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13638.492	38.23	9.43	47.66	54.00	-6.34	peak			
2	13638.492	31.67	9.43	41.10	54.00	-12.90	AVG			



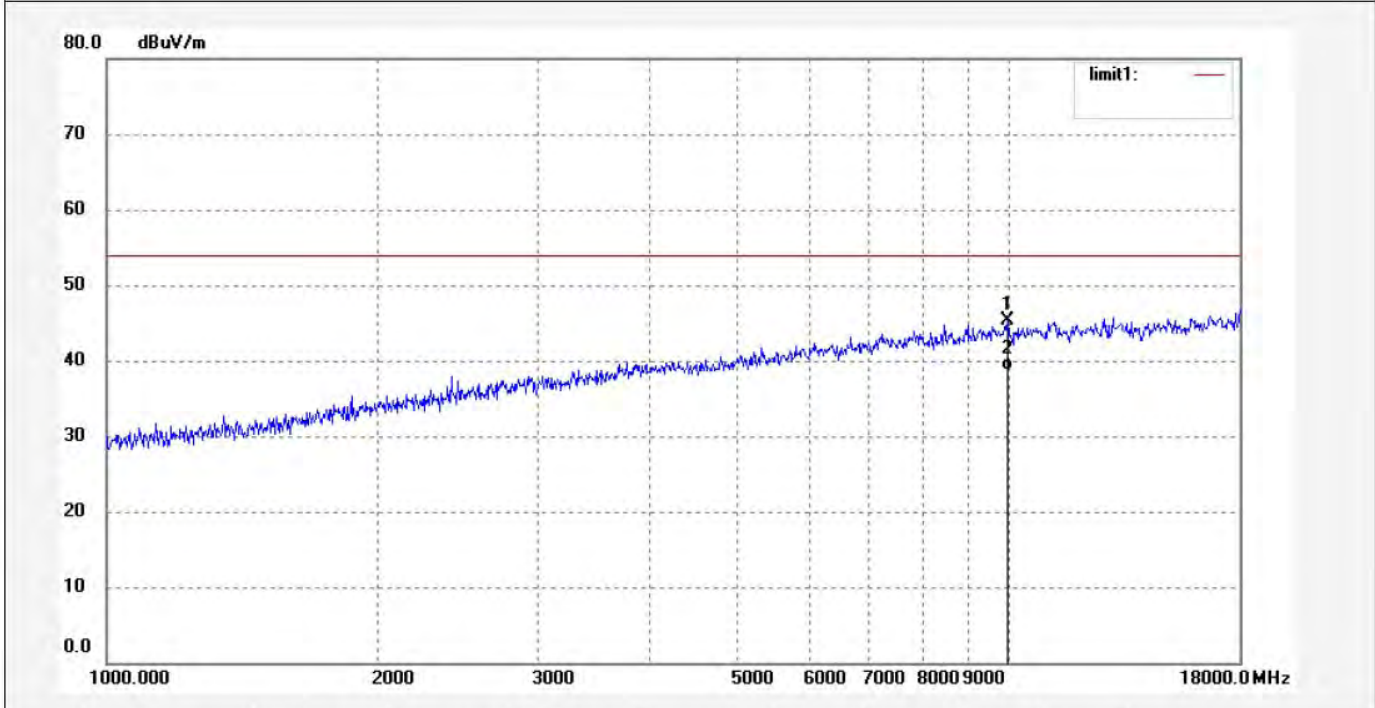
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Job No.: star2014 #592	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/50/30
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9952.717	40.10	5.27	45.37	54.00	-8.63	peak			
2	9952.717	33.47	5.27	38.74	54.00	-15.26	AVG			



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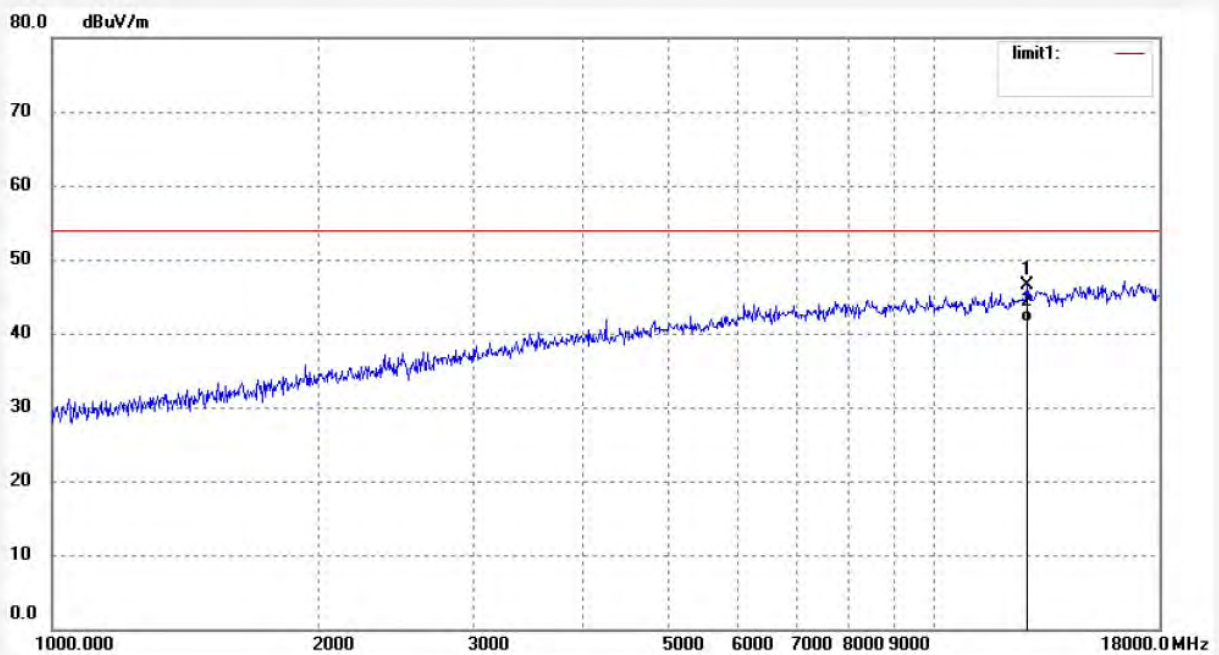
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Job No.: star2014 #593
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 6(802.11g)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 11/54/10
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12724.473	39.03	7.49	46.52	54.00	-7.48	peak			
2	12724.473	34.00	7.49	41.49	54.00	-12.51	AVG			



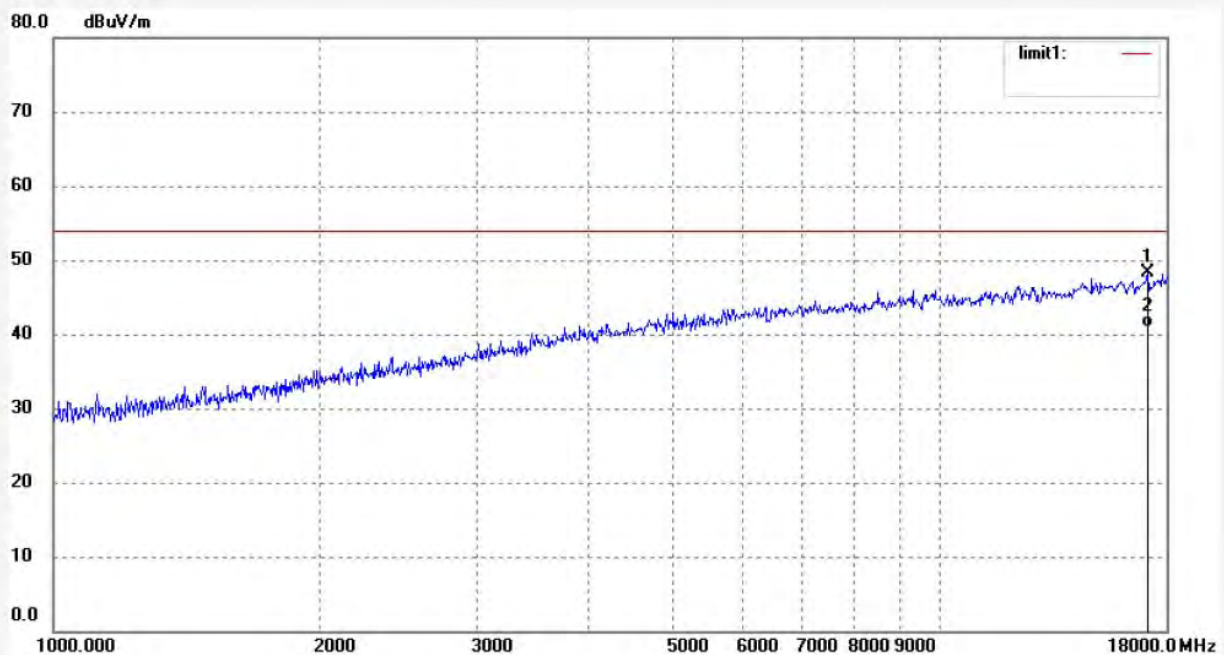
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Job No.: star2014 #594 Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.(C)/Hum.(%) 25 C / 55 % EUT: Internet TV Box Mode: TX Channel 6(802.11g) Model: VP9B2 Manufacturer: VP9 Vietnam.,JSC	Polarization: Horizontal Power Source: AC 120V/60Hz Date: 14/06/21/ Time: 11/57/46 Engineer Signature: STAR Distance: 3m
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Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17136.924	33.81	14.42	48.23	54.00	-5.77	peak			
2	17136.924	26.40	14.42	40.82	54.00	-13.18	AVG			



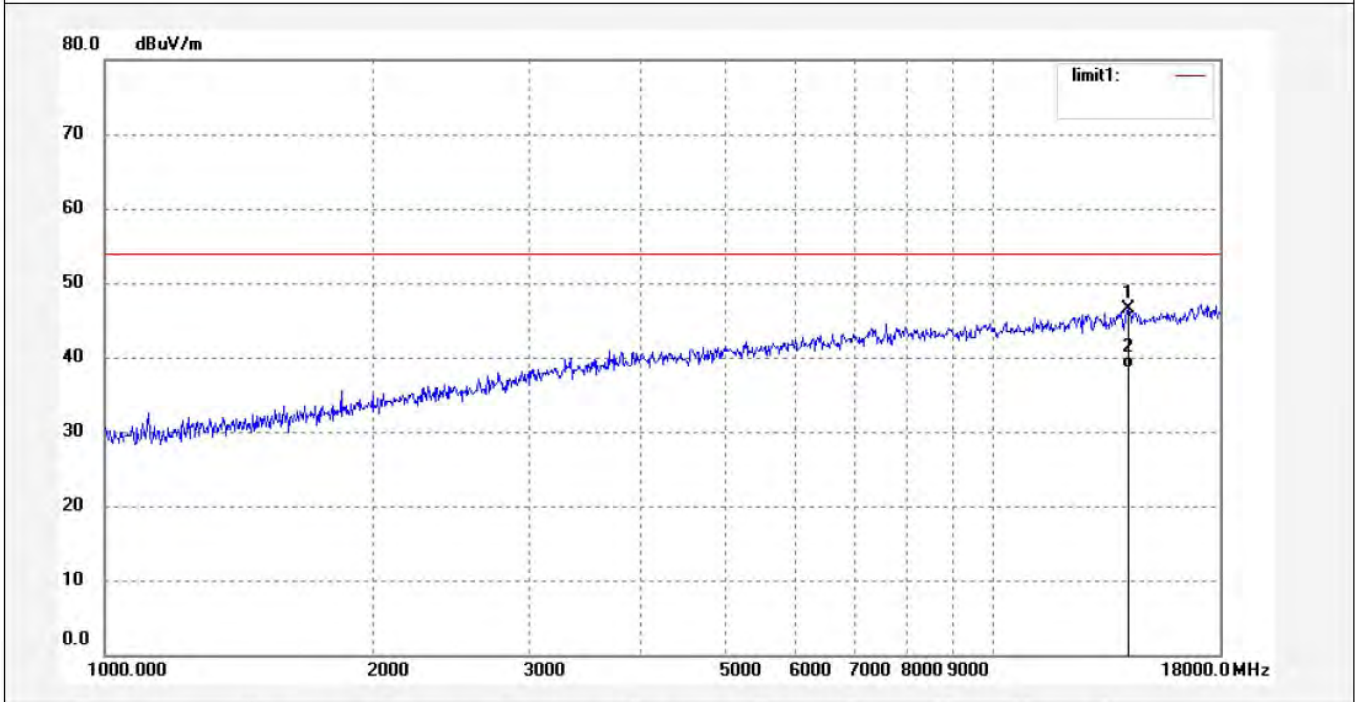
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Job No.: star2014 #595	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/02/23
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14201.694	34.99	11.45	46.44	54.00	-7.56	peak			
2	14201.694	26.96	11.45	38.41	54.00	-15.59	AVG			



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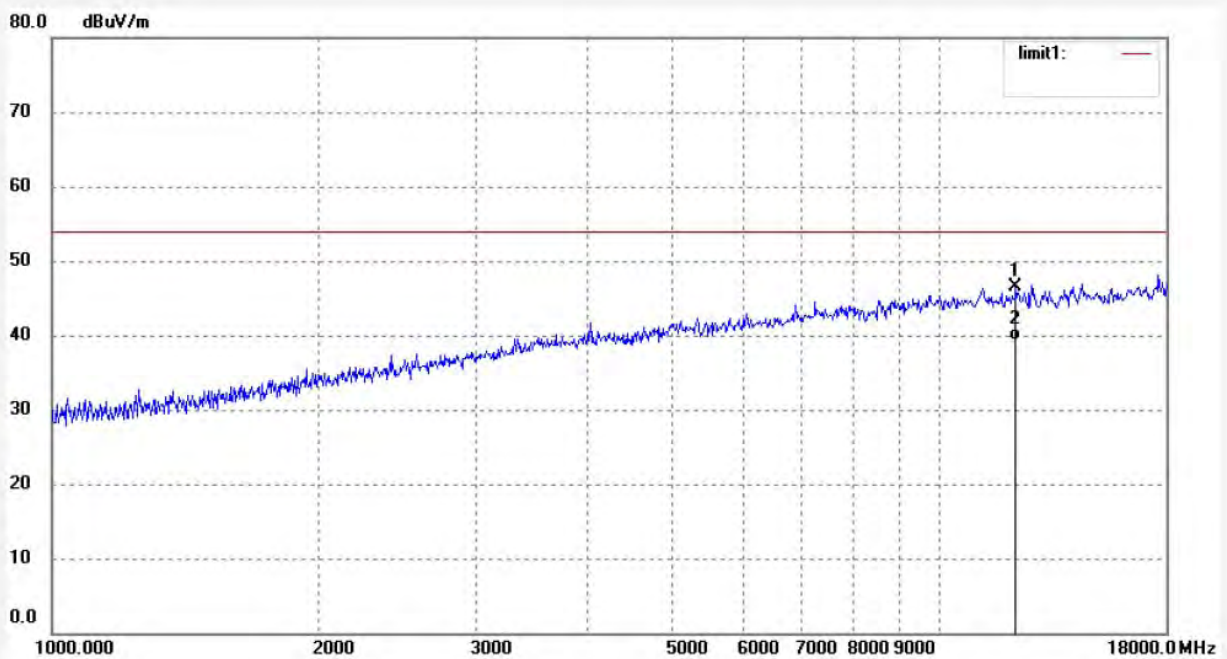
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Job No.: star2014 #596
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Internet TV Box
Mode: TX Channel 11(802.11g)
Model: VP9B2
Manufacturer: VP9 Vietnam.,JSC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/06/21/
Time: 12/07/06
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12184.584	39.73	6.73	46.46	54.00	-7.54	peak			
2	12184.584	32.58	6.73	39.31	54.00	-14.69	AVG			



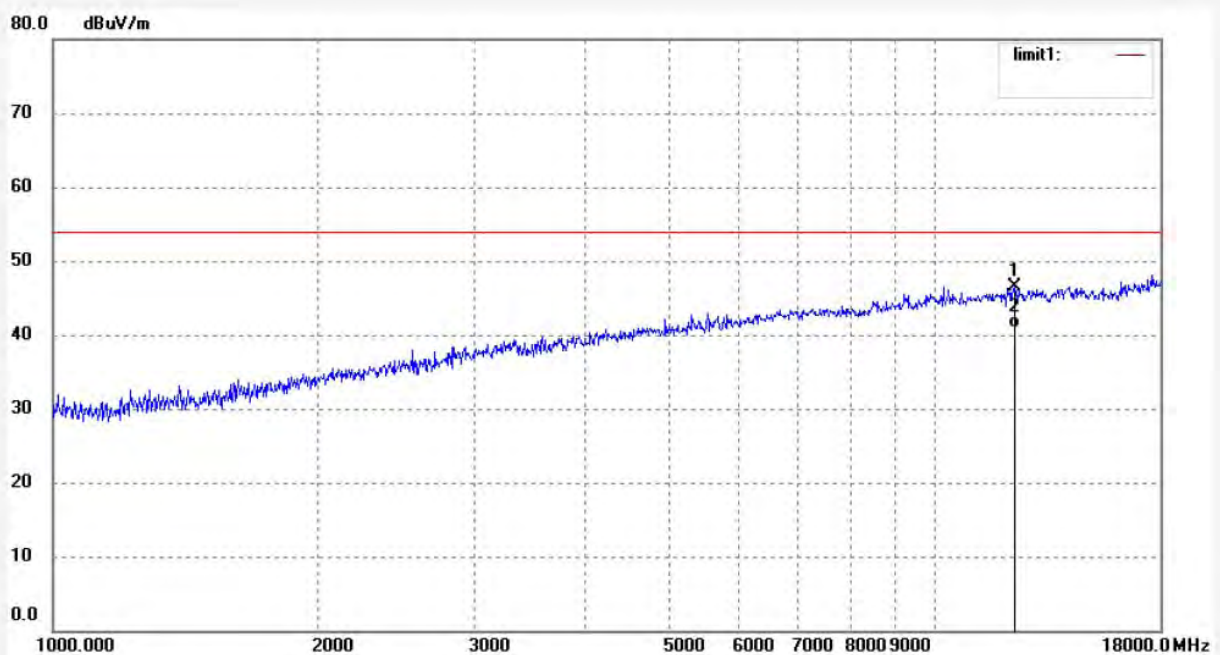
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Job No.: star2014 #597	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/11/04
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 1(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12290.698	39.68	6.88	46.56	54.00	-7.44	peak			
2	12290.698	34.10	6.88	40.98	54.00	-13.02	AVG			



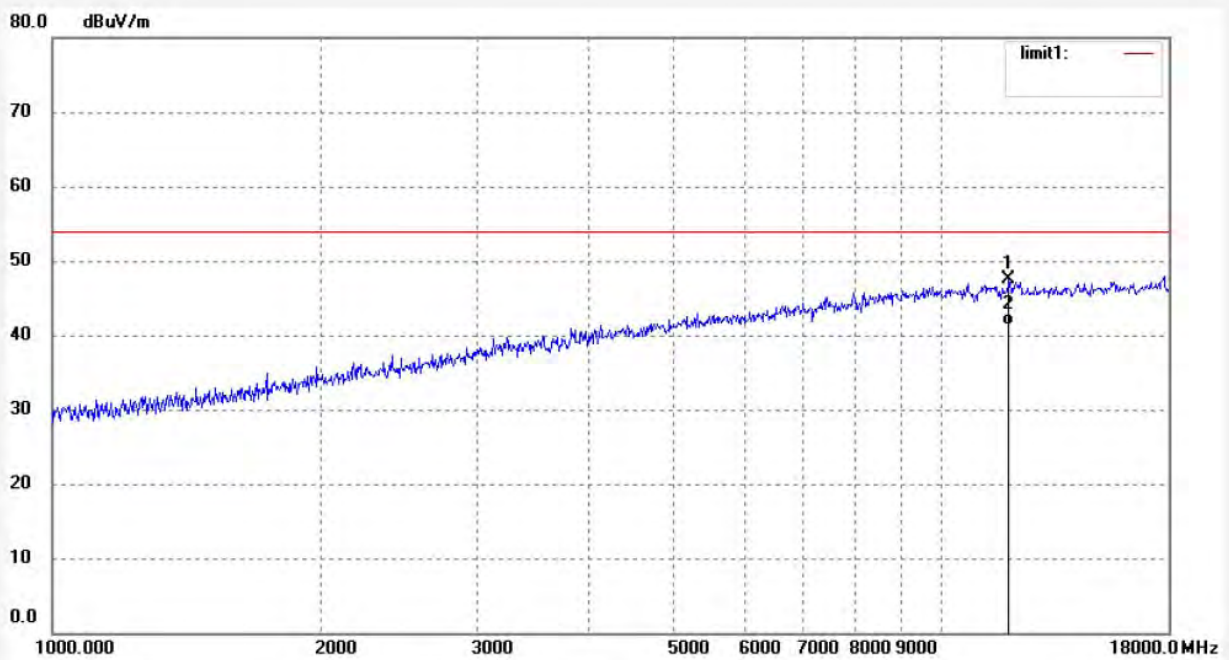
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Job No.: star2014 #598	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/15/11
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 1(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11906.073	41.10	6.41	47.51	54.00	-6.49	peak			
2	11906.073	34.90	6.41	41.31	54.00	-12.69	AVG			



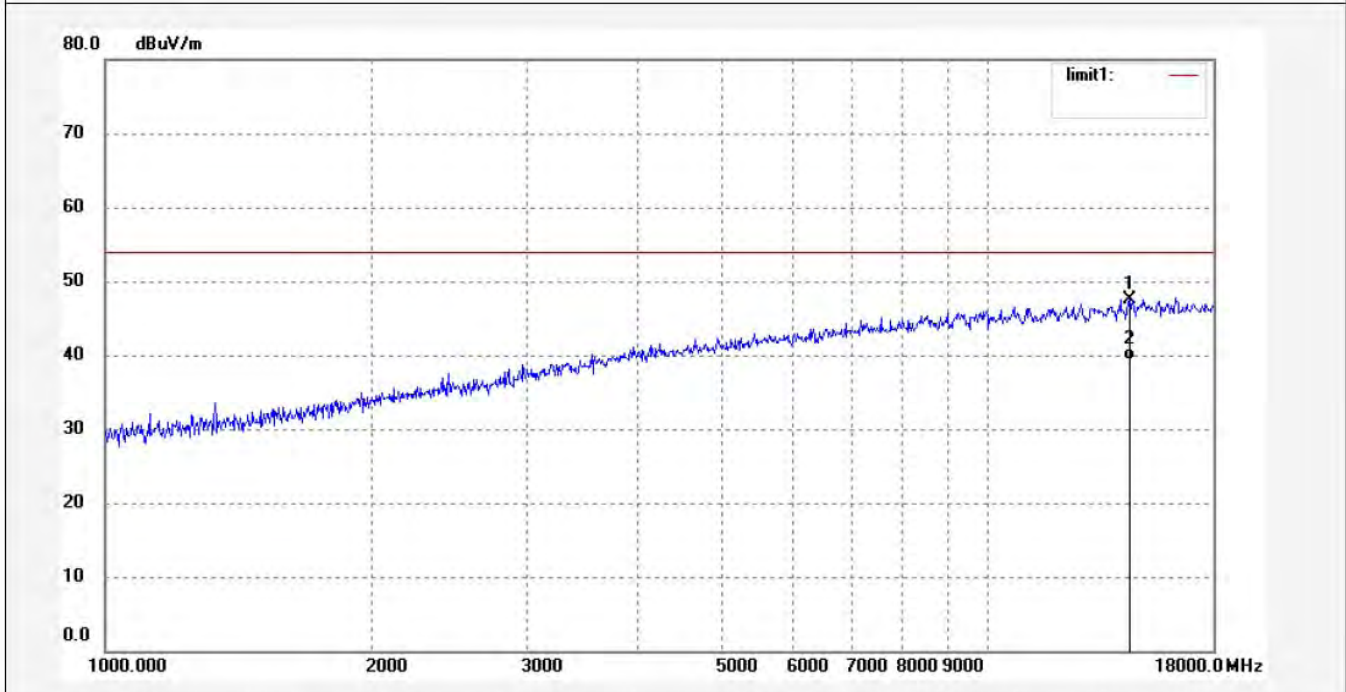
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Job No.: star2014 #599	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/19/59
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14491.958	34.55	12.95	47.50	54.00	-6.50	peak			
2	14491.958	26.39	12.95	39.34	54.00	-14.66	AVG			



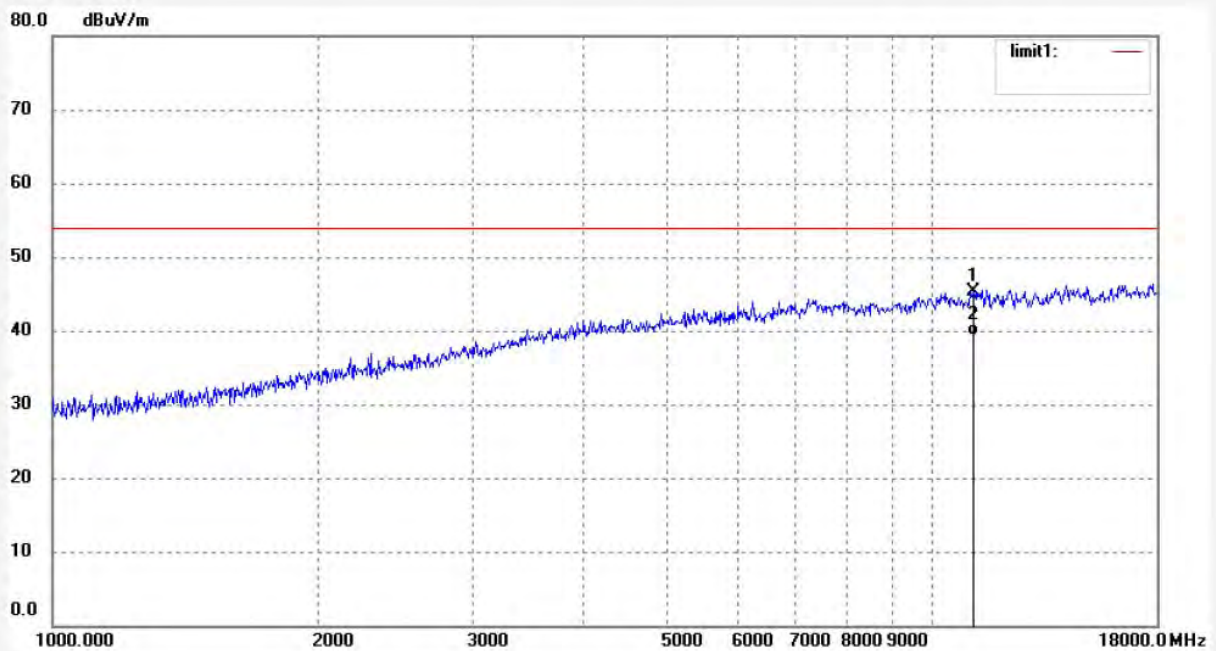
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Fax:+86-0755-26503396

Job No.: star2014 #600	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/23/49
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11140.310	39.73	5.65	45.38	54.00	-8.62	peak			
2	11140.310	33.69	5.65	39.34	54.00	-14.66	AVG			



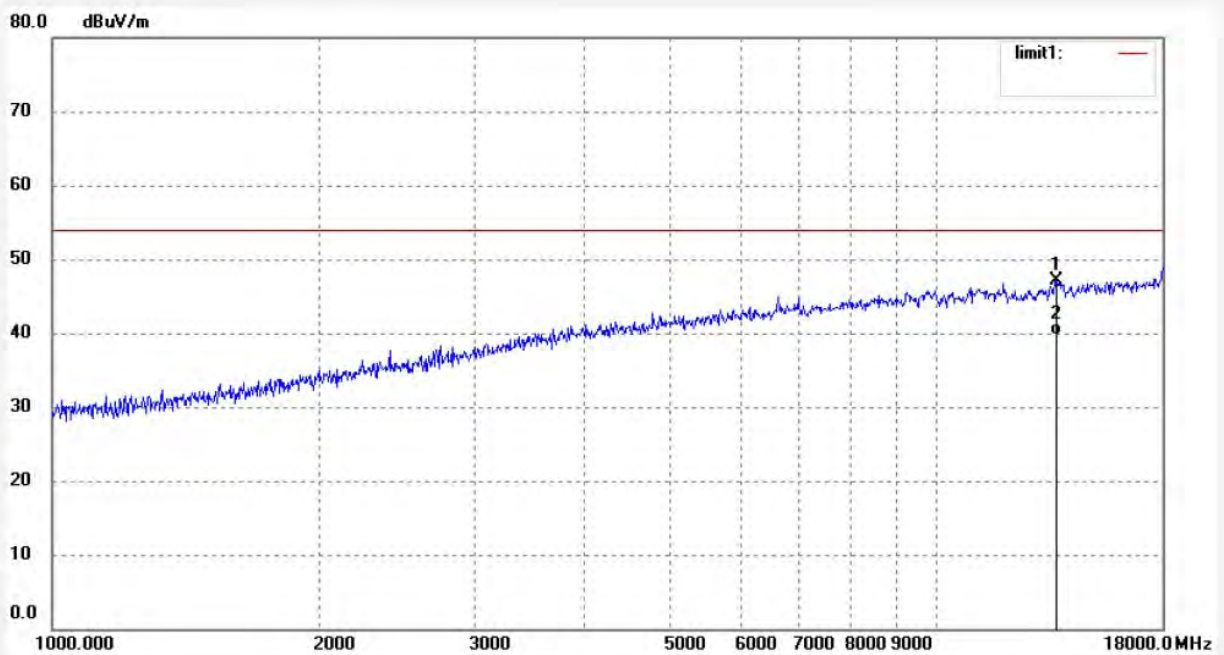
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Job No.: star2014 #601	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/27/38
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	13638.492	37.75	9.43	47.18	54.00	-6.82	peak			
2	13638.492	30.20	9.43	39.63	54.00	-14.37	AVG			



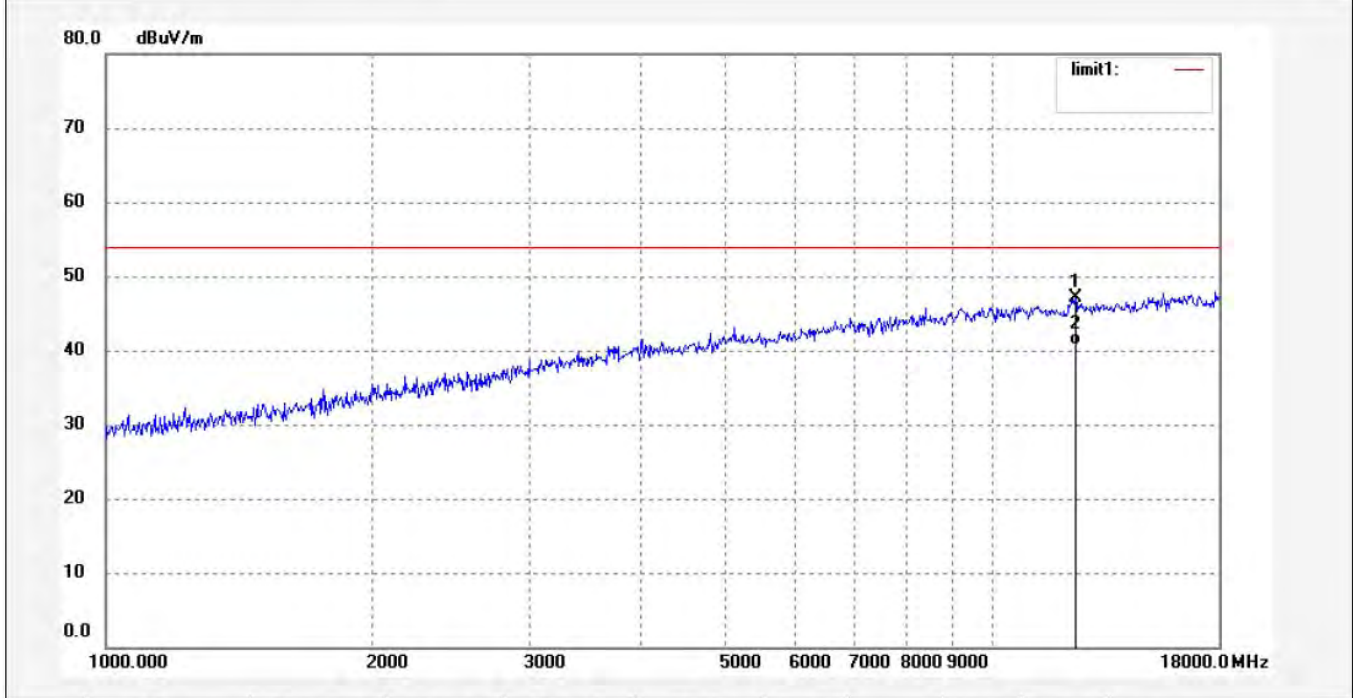
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Job No.: star2014 #602	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/31/26
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 11(802.11n)	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12397.735	40.12	7.02	47.14	54.00	-6.86	peak			
2	12397.735	33.60	7.02	40.62	54.00	-13.38	AVG			



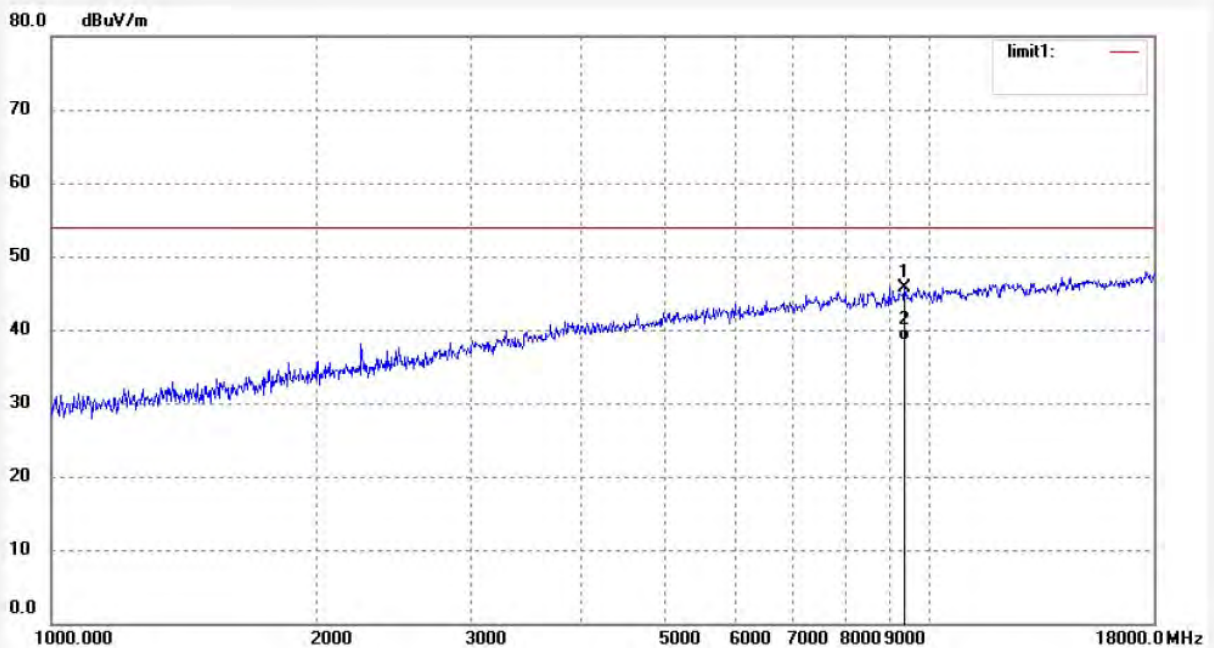
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Fax:+86-0755-26503396

Job No.: star2014 #603	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/35/25
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 3(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9366.577	41.36	4.44	45.80	54.00	-8.20	peak			
2	9366.577	34.16	4.44	38.60	54.00	-15.40	AVG			



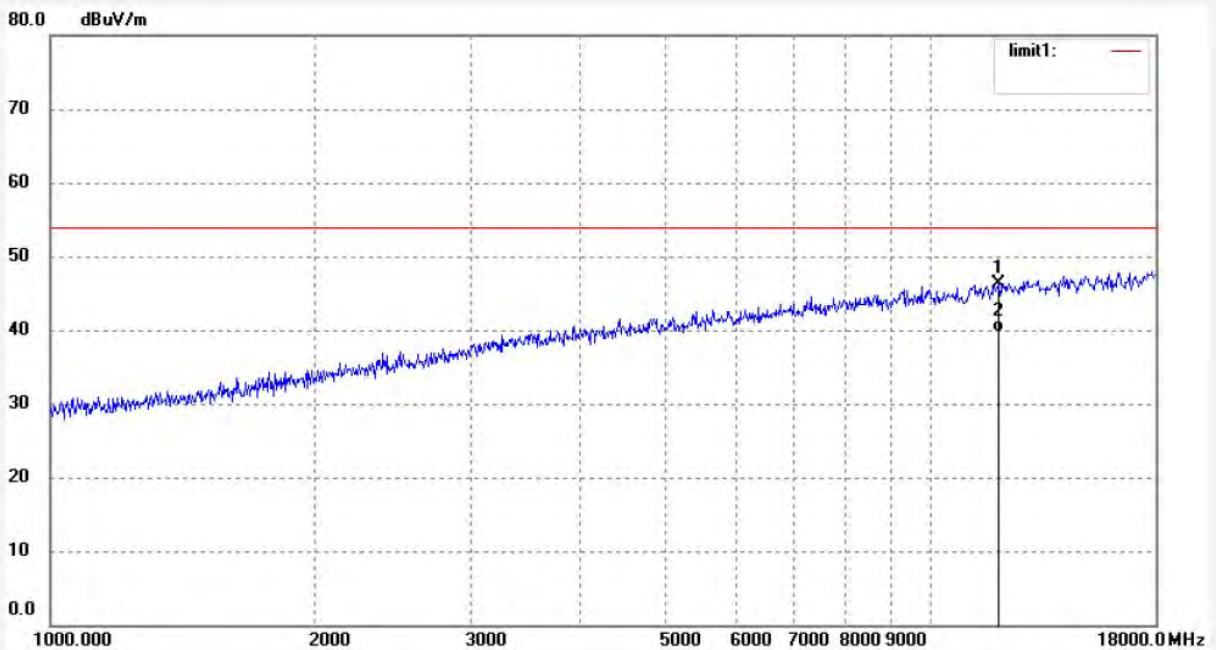
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Site: 1# Chamber
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Job No.: star2014 #604	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/39/03
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 3(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11940.535	39.97	6.43	46.40	54.00	-7.60	peak			
2	11940.535	33.25	6.43	39.68	54.00	-14.32	AVG			



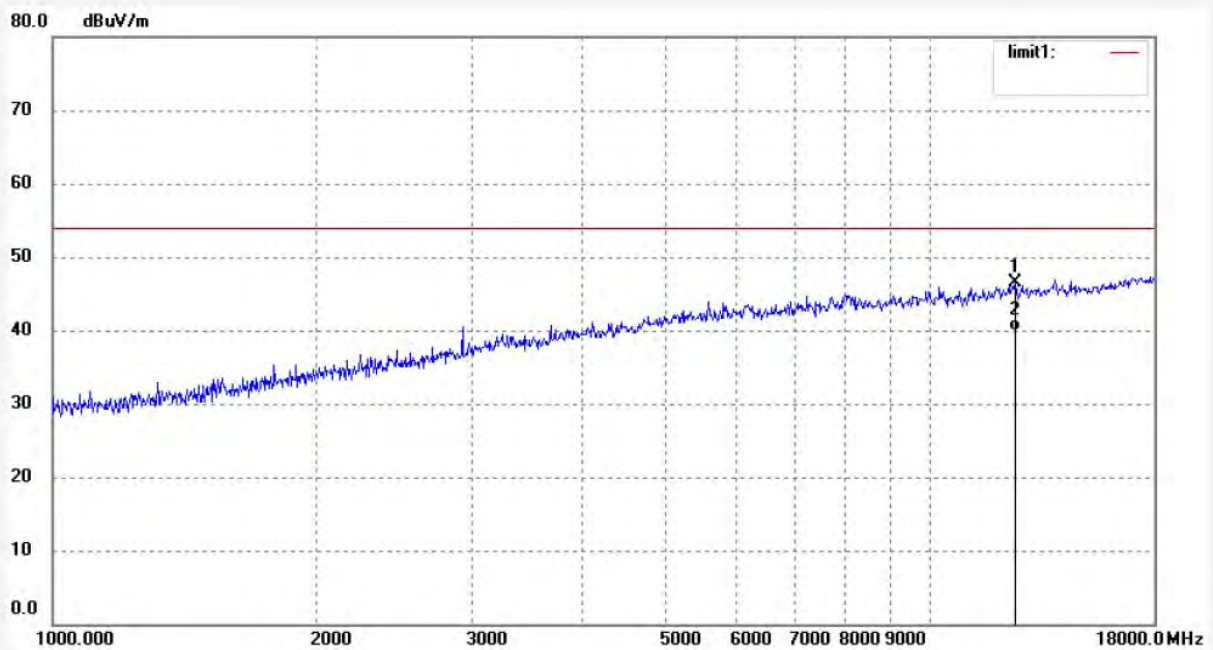
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Job No.: star2014 #605	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/43/04
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12505.705	39.28	7.16	46.44	54.00	-7.56	peak			
2	12505.705	32.65	7.16	39.81	54.00	-14.19	AVG			



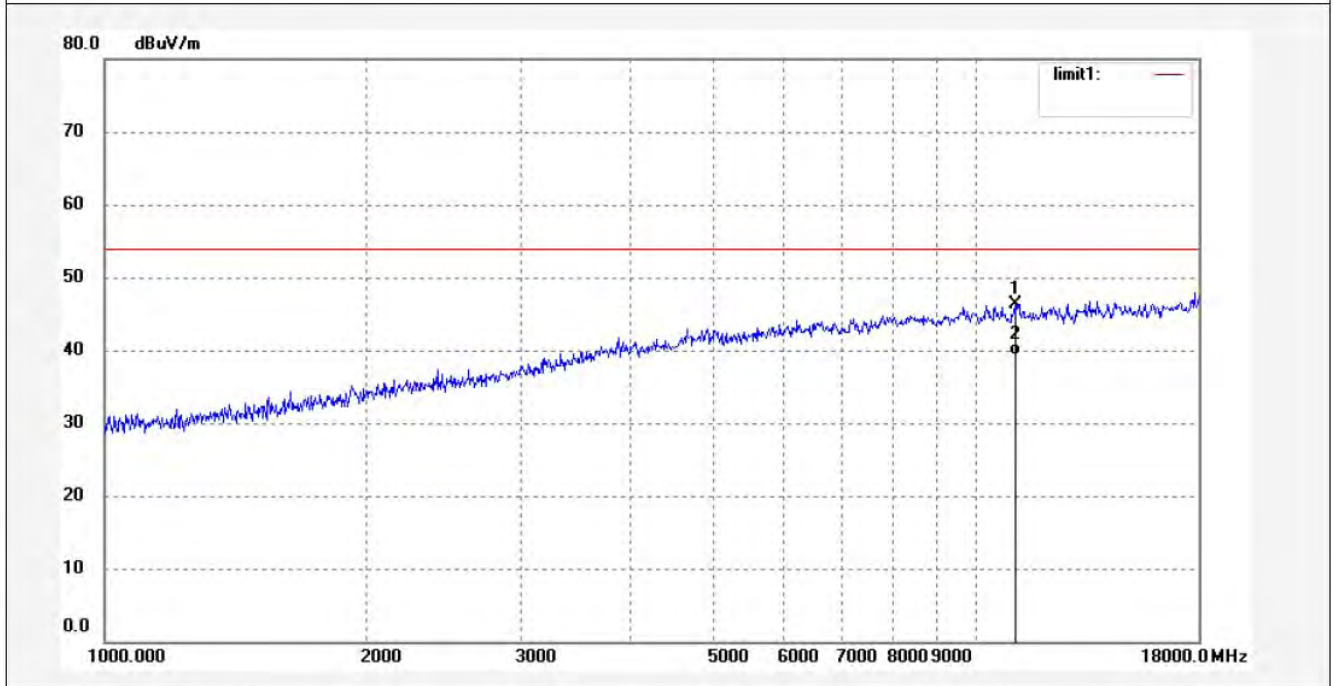
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Job No.: star2014 #606	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/48/22
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11076.096	40.72	5.58	46.30	54.00	-7.70	peak			
2	11076.096	33.71	5.58	39.29	54.00	-14.71	AVG			



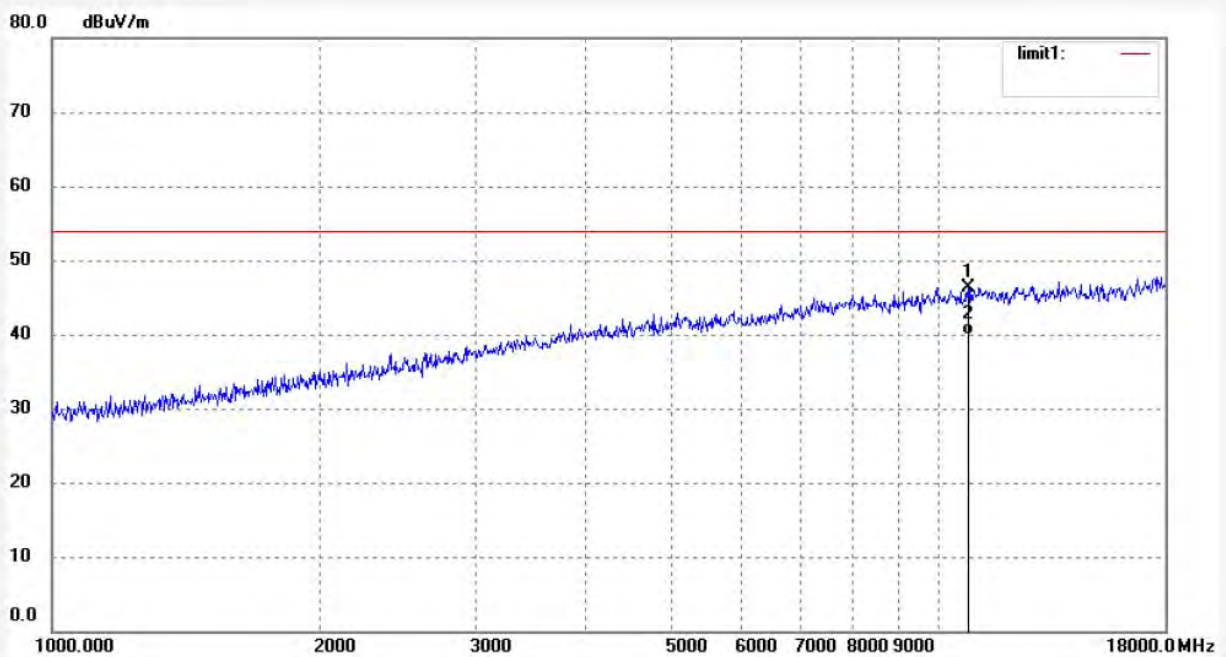
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Job No.: star2014 #607	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/52/17
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 9(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10791.685	41.00	5.38	46.38	54.00	-7.62	peak			
2	10791.685	34.52	5.38	39.90	54.00	-14.10	AVG			



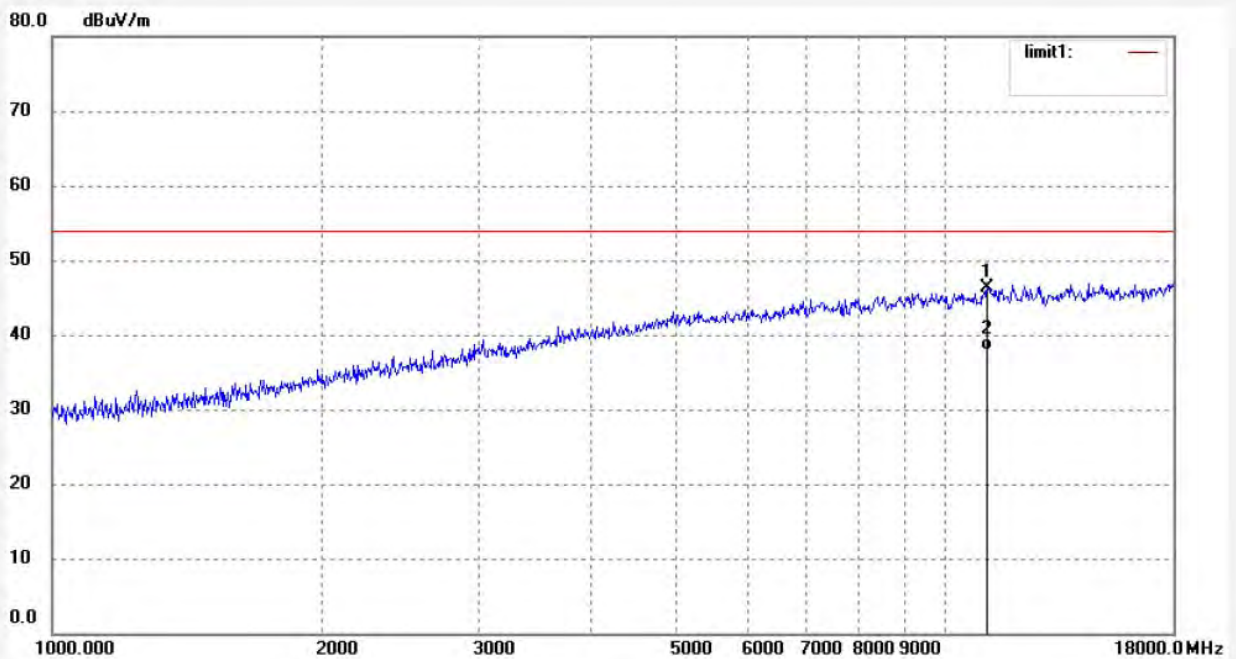
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2014 #608	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/21/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/57/17
EUT: Internet TV Box	Engineer Signature: STAR
Mode: TX Channel 9(802.11n)40MHz	Distance: 3m
Model: VP9B2	
Manufacturer: VP9 Vietnam.,JSC	

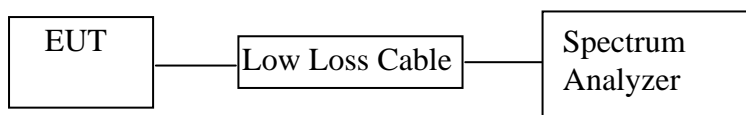
Note: Report No.:ATE20141053



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11140.310	40.59	5.65	46.24	54.00	-7.76	peak			
2	11140.310	32.17	5.65	37.82	54.00	-16.18	AVG			

10. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

10.1. Block Diagram of Test Setup



10.2. The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

10.3. EUT Configuration on Measurement

The equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

10.4. Operating Condition of EUT

10.4.1. Setup the EUT and simulator as shown as Section 10.1.

10.4.2. Turn on the power of all equipment.

10.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

10.5. Test Procedure

10.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.

10.5.2. Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).

10.5.3. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

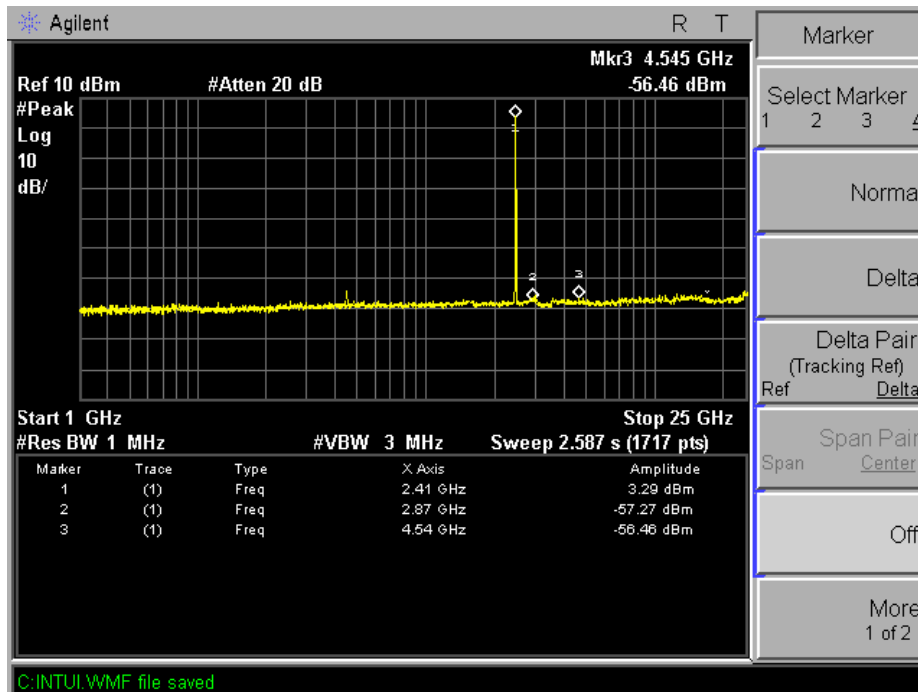
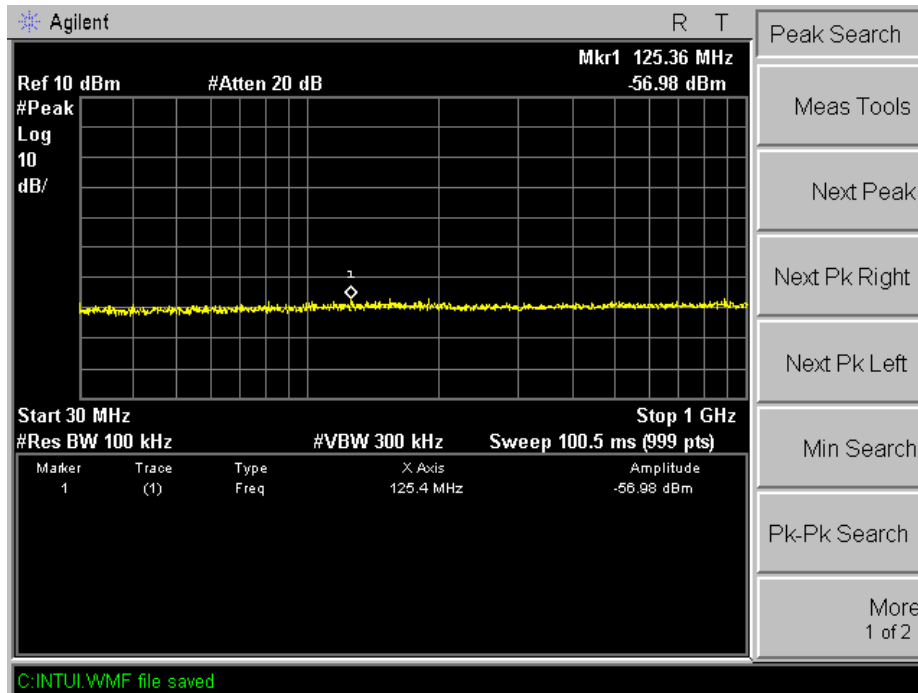
10.5.4. The Conducted Spurious Emission was measured and recorded.

10.6. Test Result

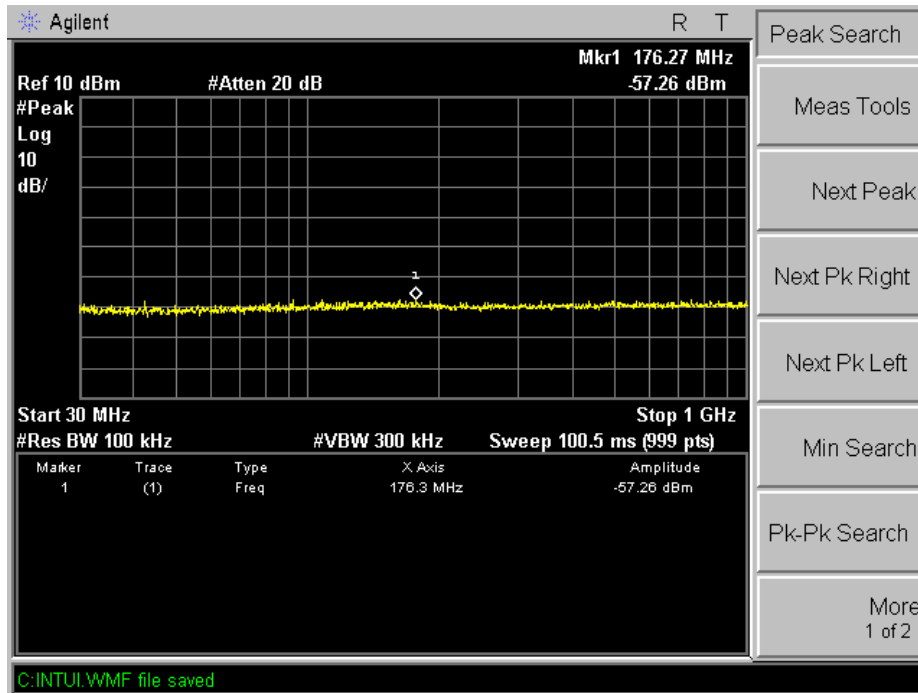
Pass.

The spectrum analyzer plots are attached as below.

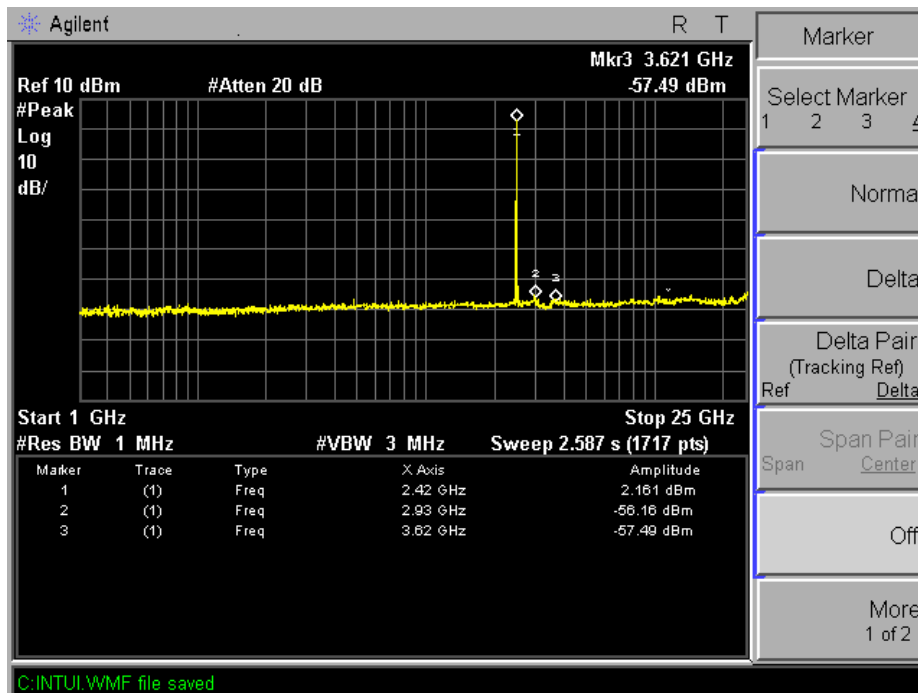
TX 802.11b Channel Low 2412MHz



TX 802.11b Channel Middle 2437MHz

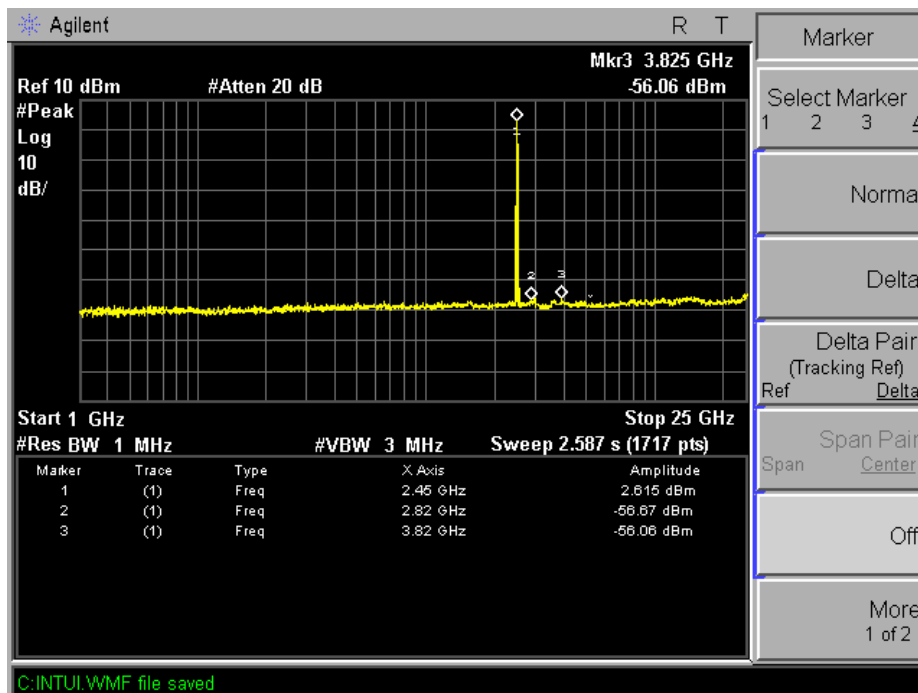
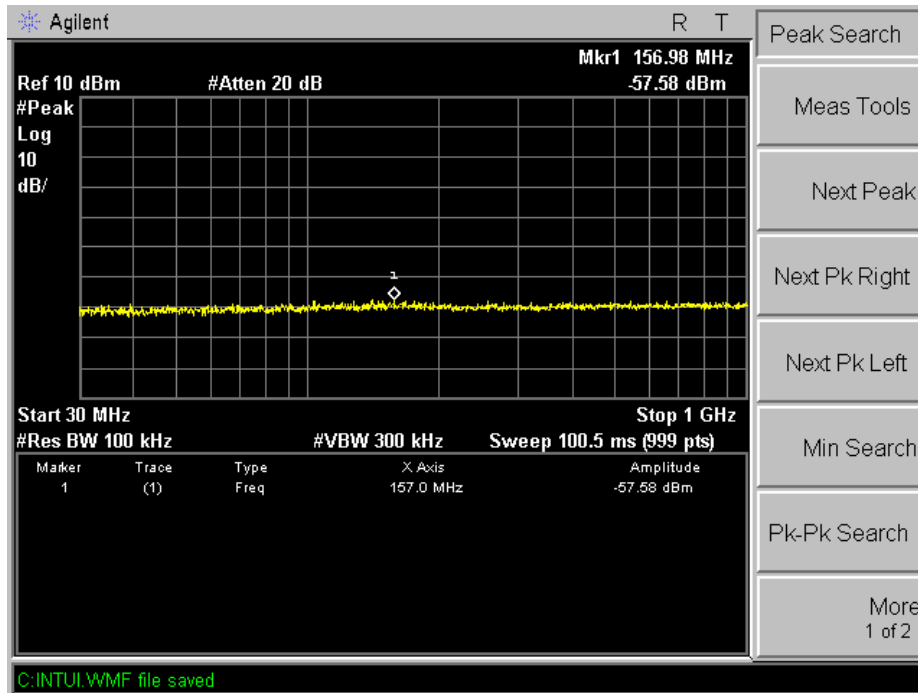


- Peak Search
- Meas Tools ▶
- Next Peak
- Next Pk Right
- Next Pk Left
- Min Search
- Pk-Pk Search
- More
1 of 2

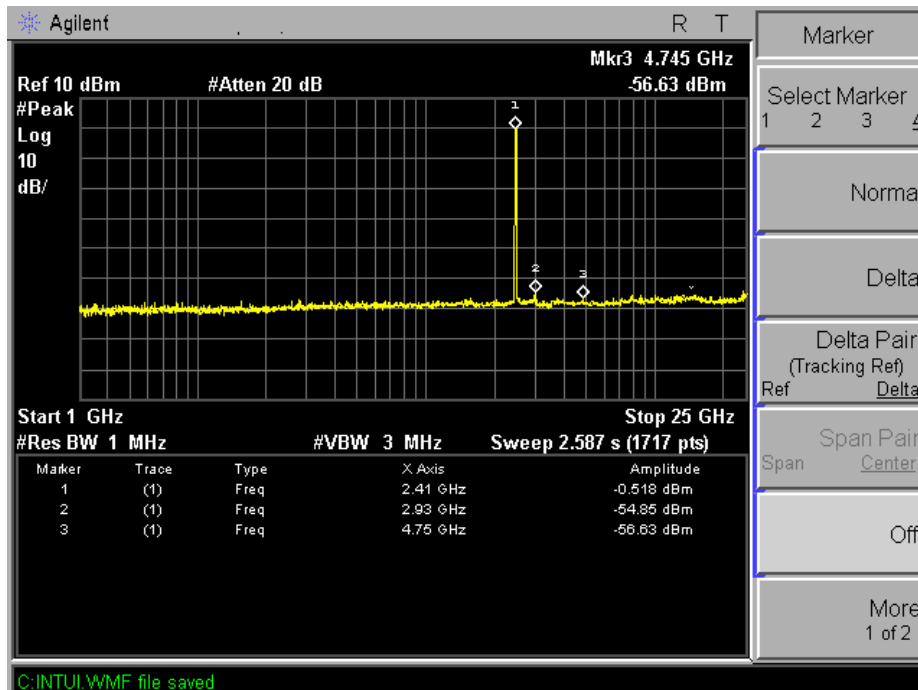
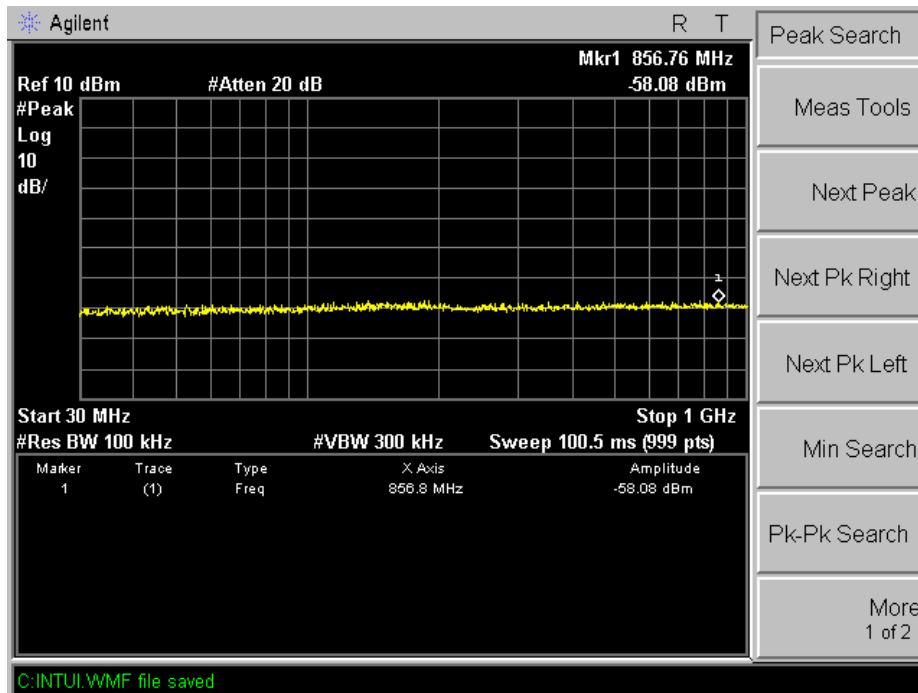


- Marker
- Select Marker
1 2 3 4
- Normal
- Delta
- Delta Pair
(Tracking Ref)
Ref Delta
- Span Pair
Span Center
- Off
- More
1 of 2

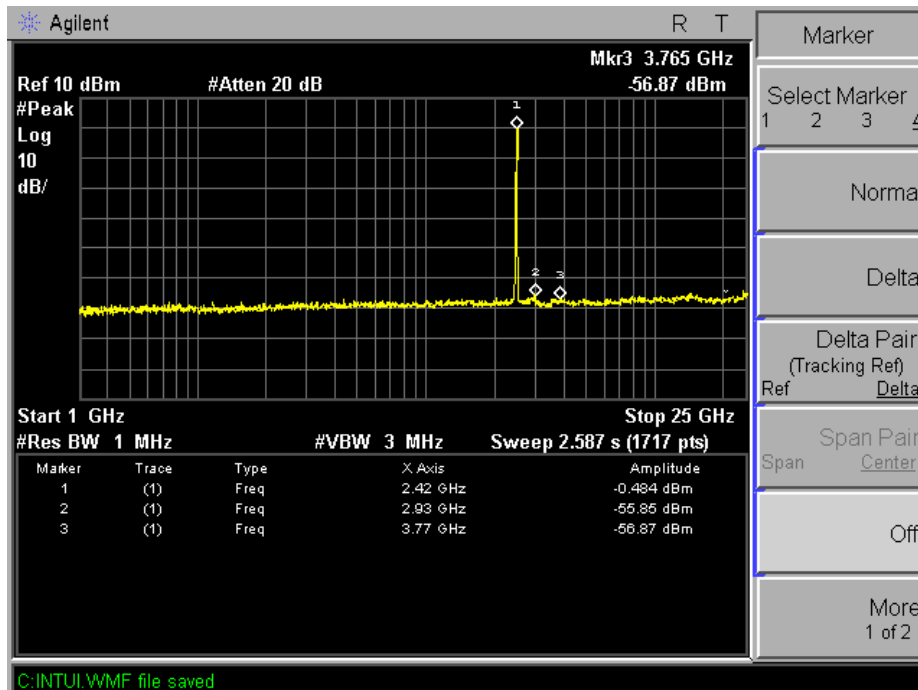
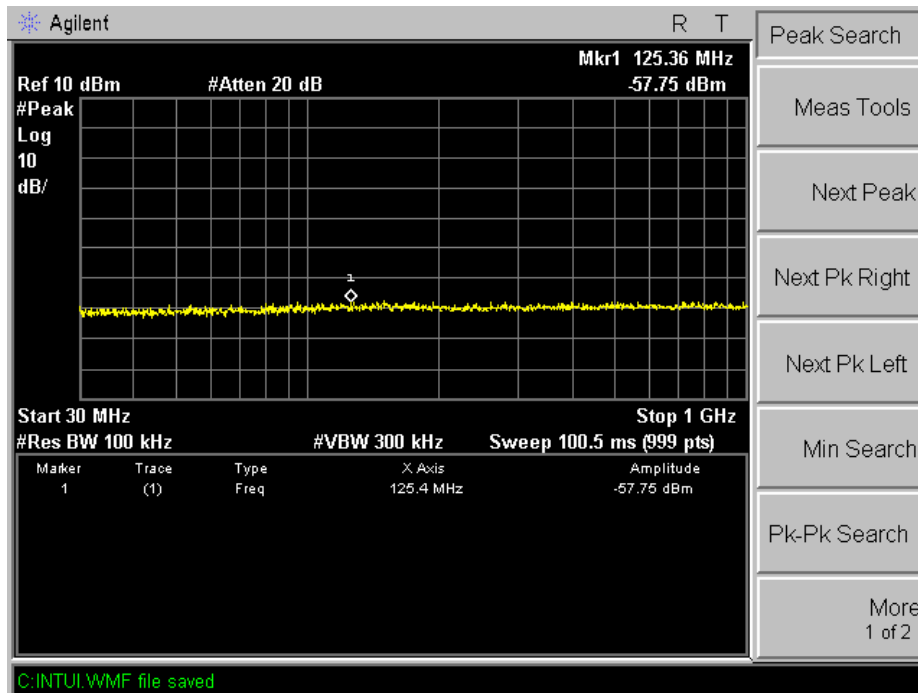
TX 802.11b Channel High 2462MHz



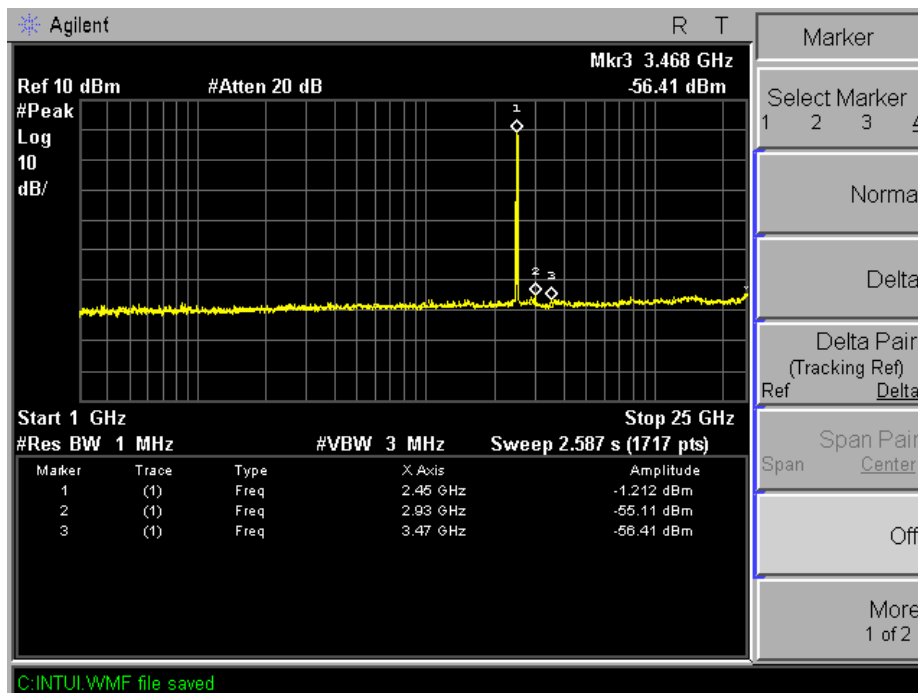
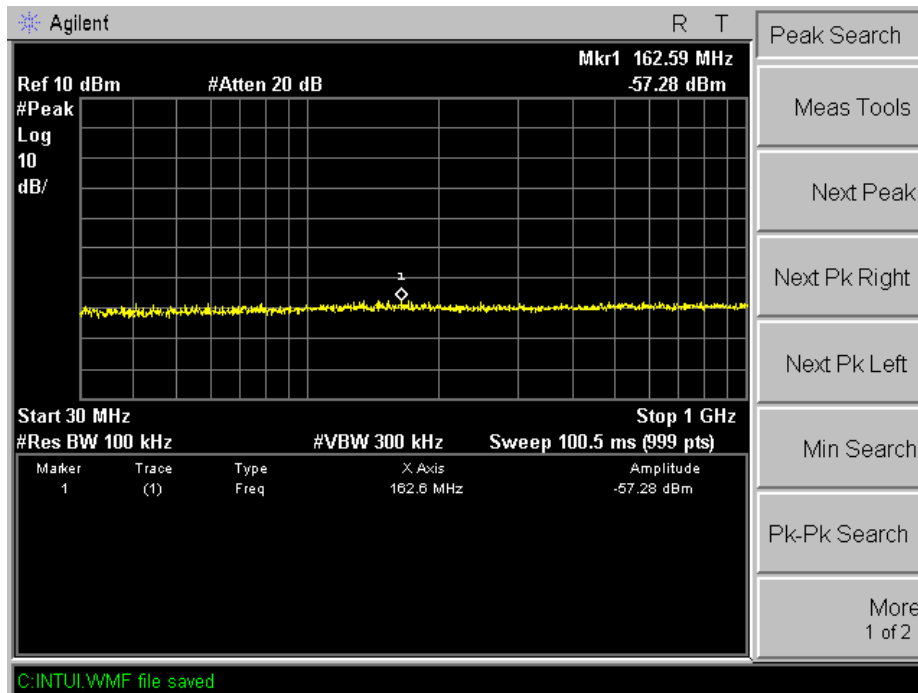
TX 802.11g Channel Low 2412MHz



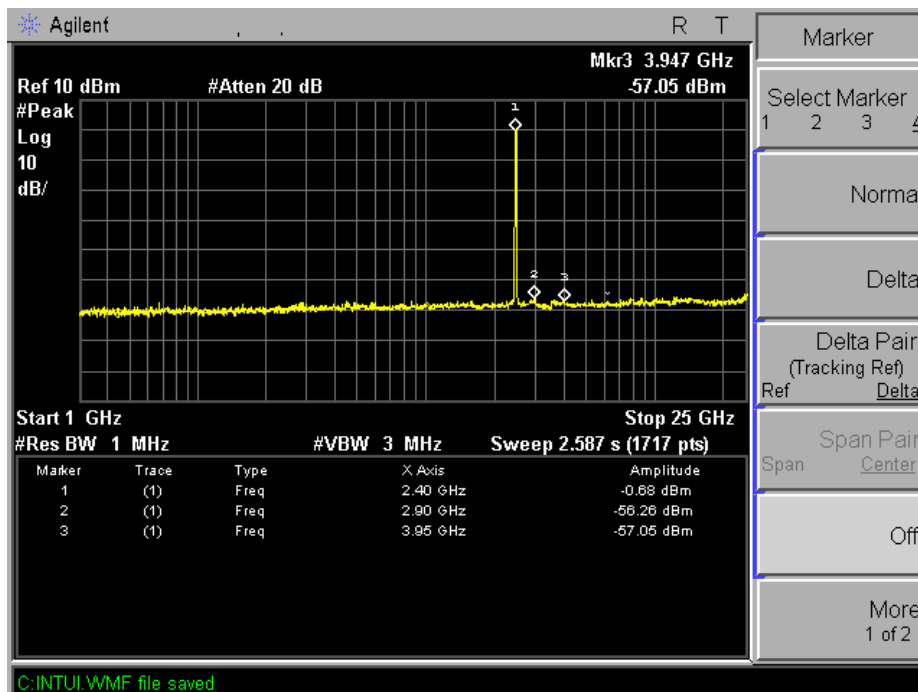
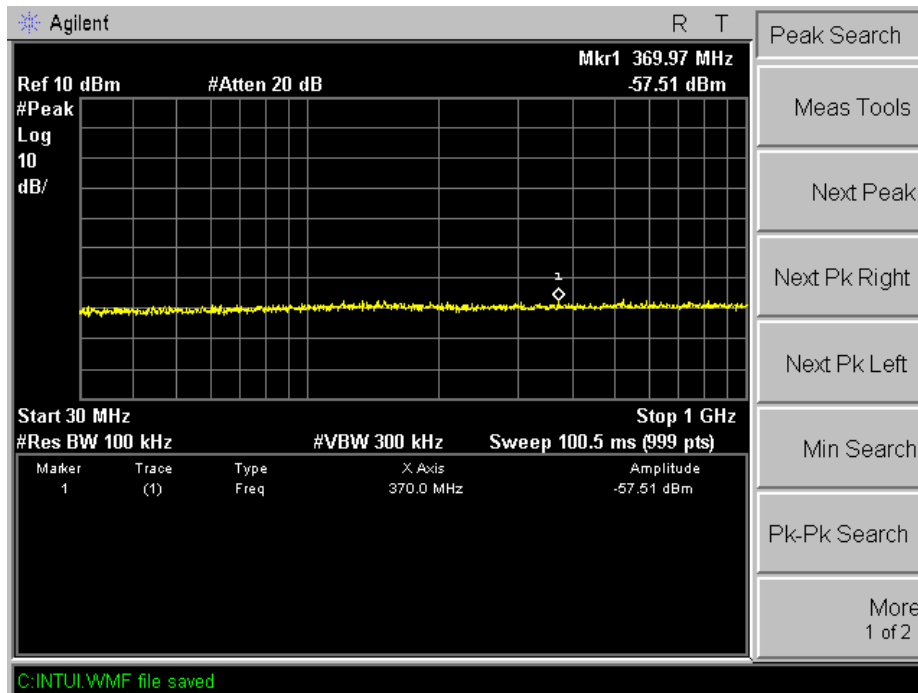
TX 802.11g Channel Middle 2437MHz



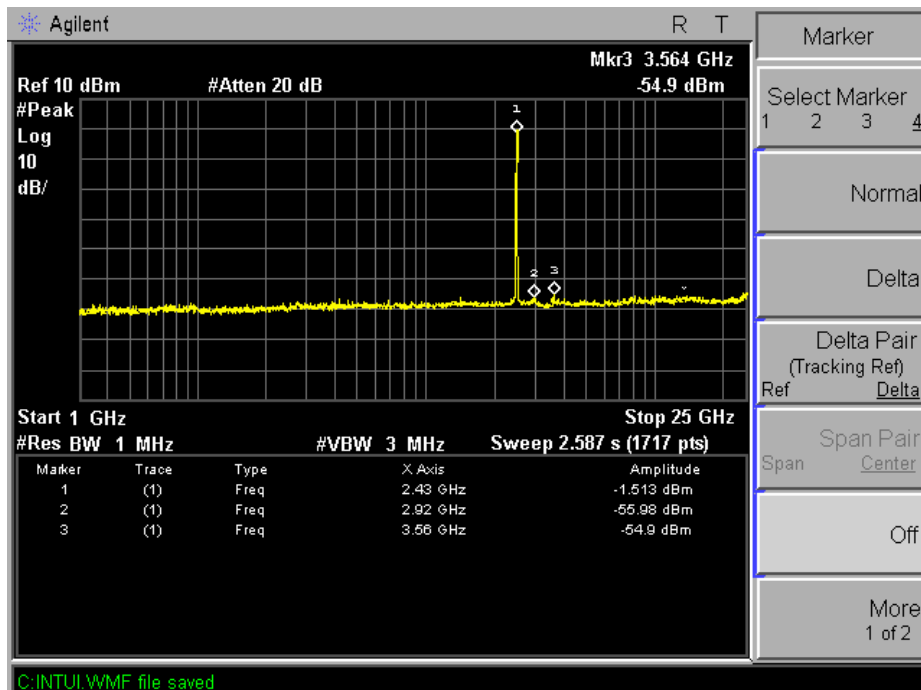
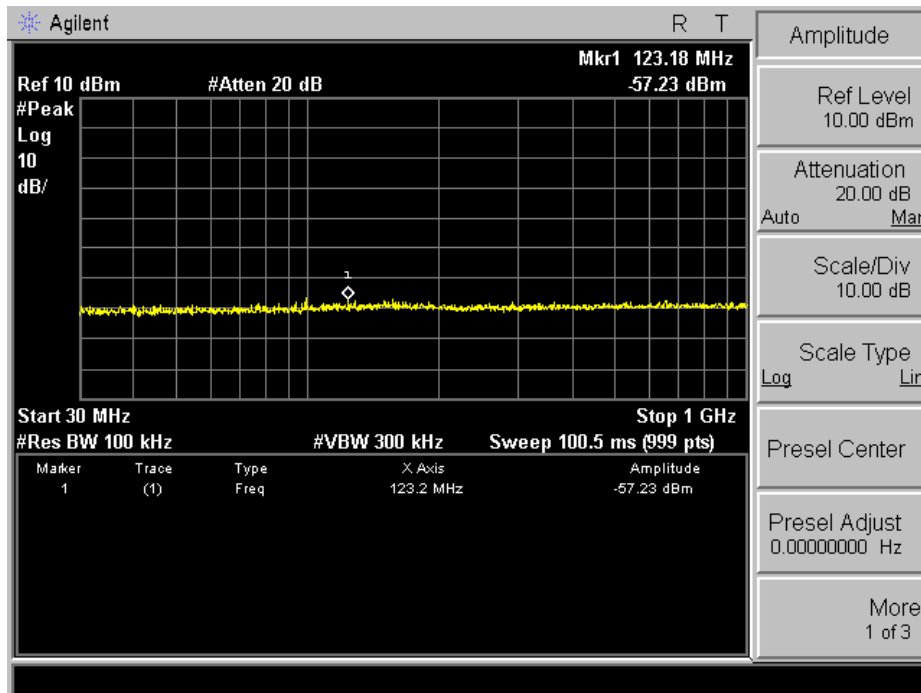
TX 802.11g Channel High 2462MHz



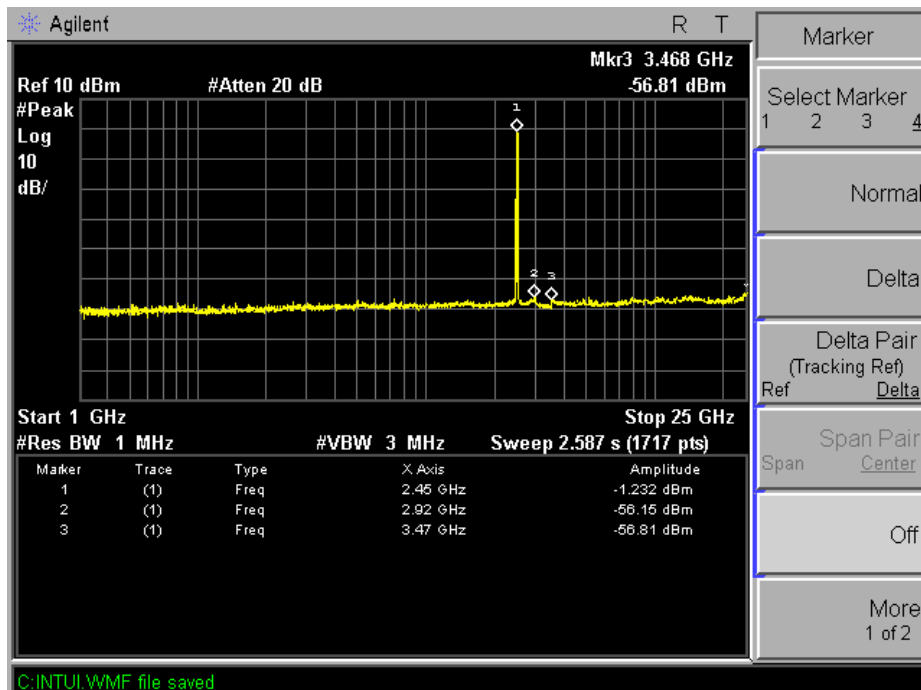
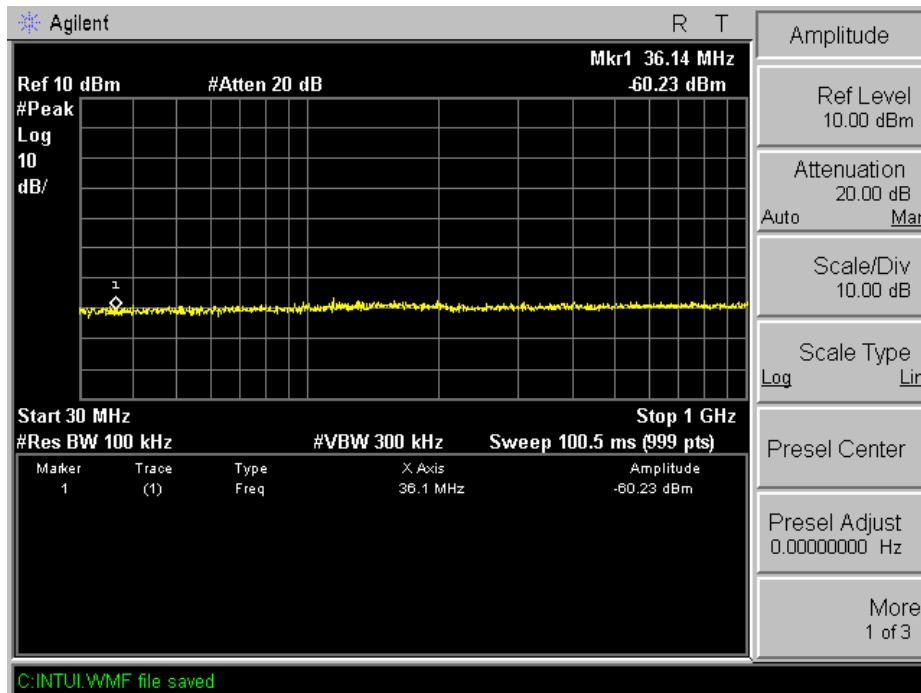
TX 802.11n Channel Low 2412MHz (20MHz)



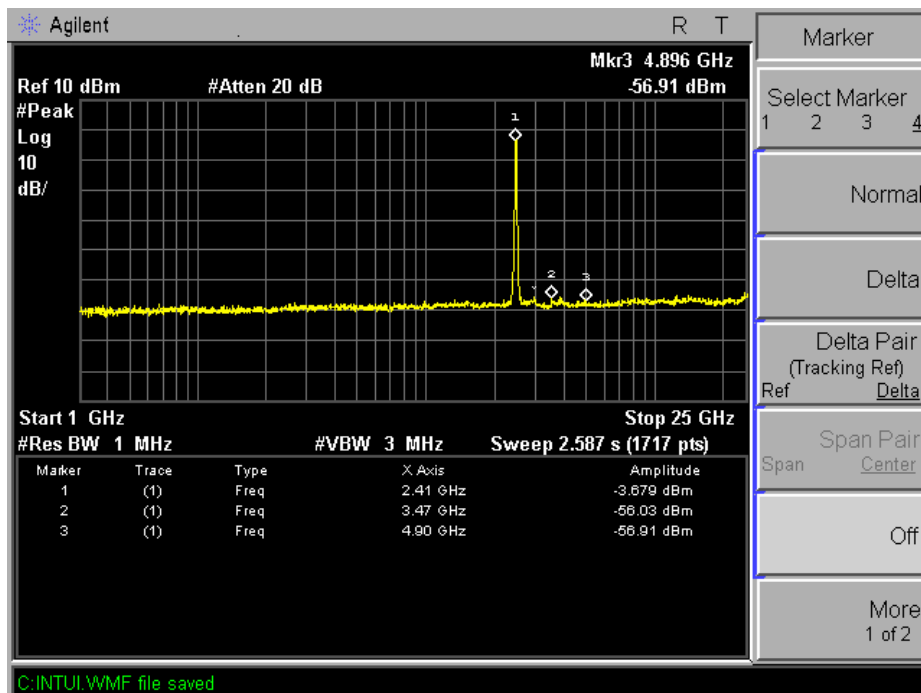
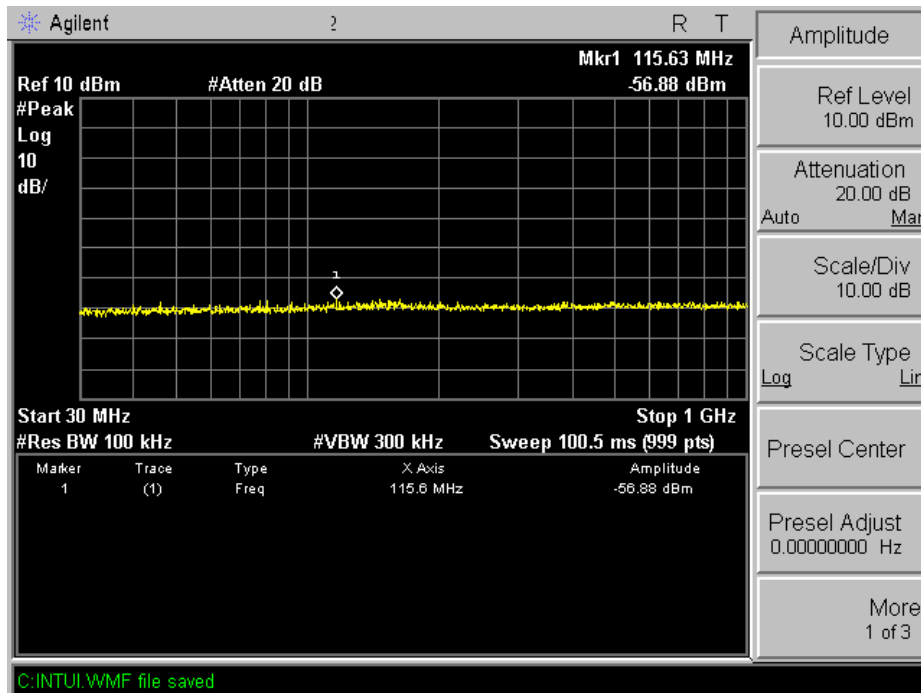
TX 802.11n Channel Middle 2437MHz (20MHz)



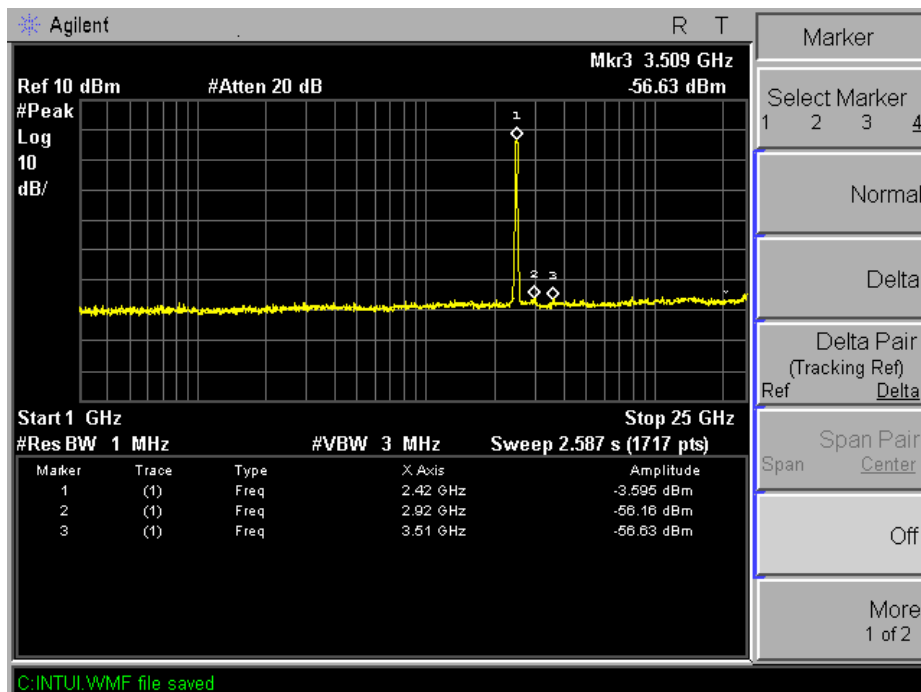
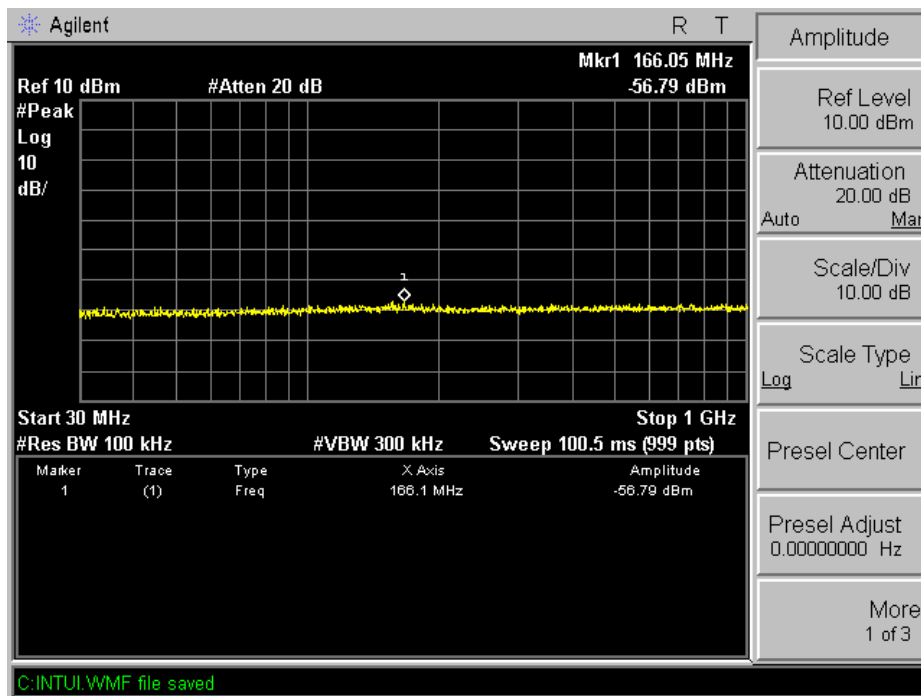
TX 802.11n Channel High 2462MHz (20MHz)



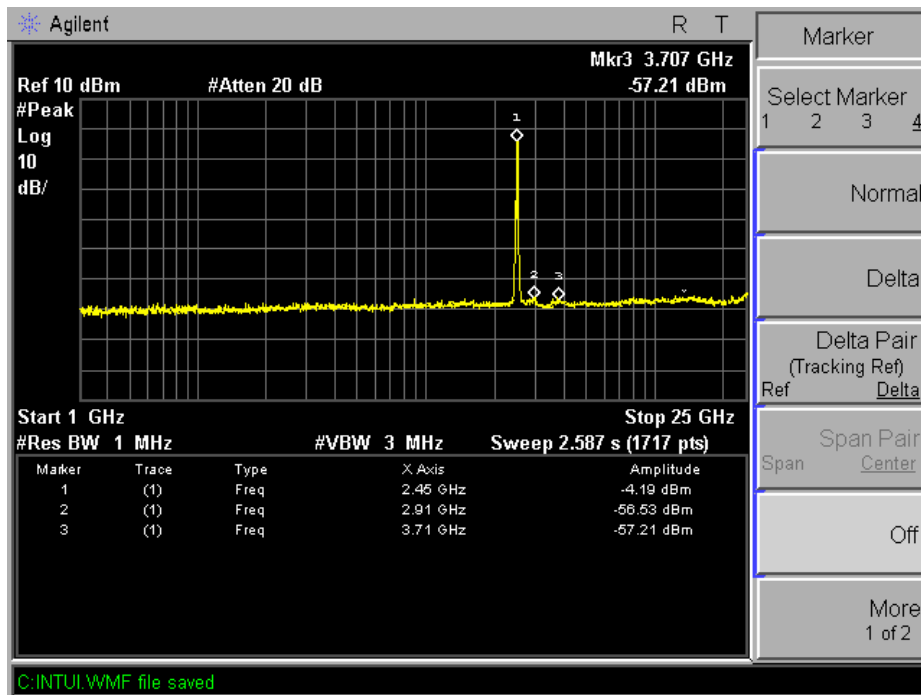
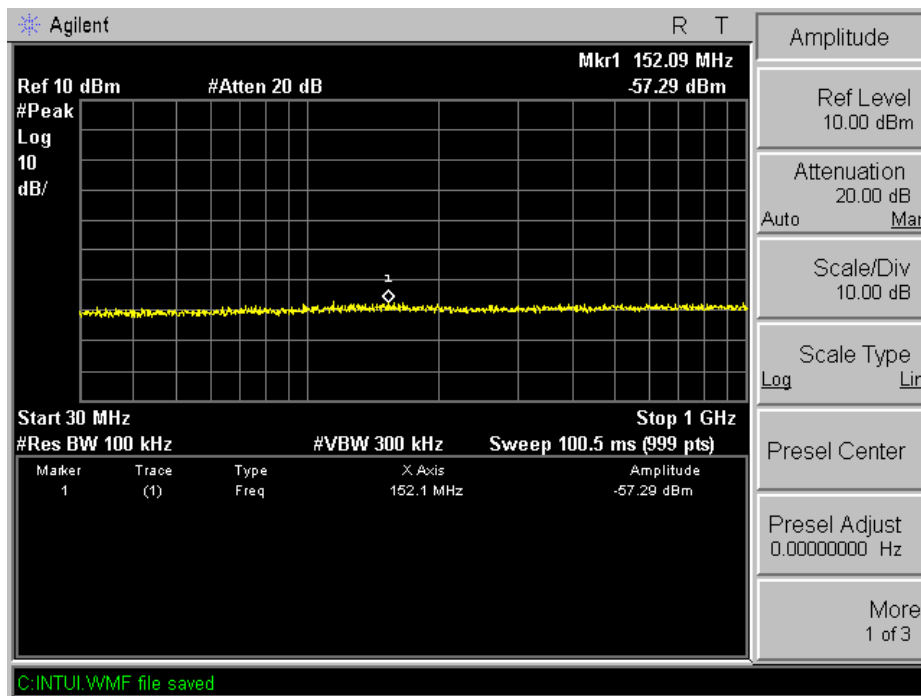
TX 802.11n Channel Low 2422MHz (40MHz)



TX 802.11n Channel Middle 2437MHz (40MHz)



TX 802.11n Channel High 2452MHz (40MHz)

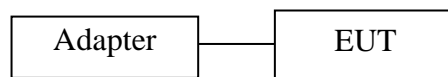


11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART

15 SECTION 15.207(A)

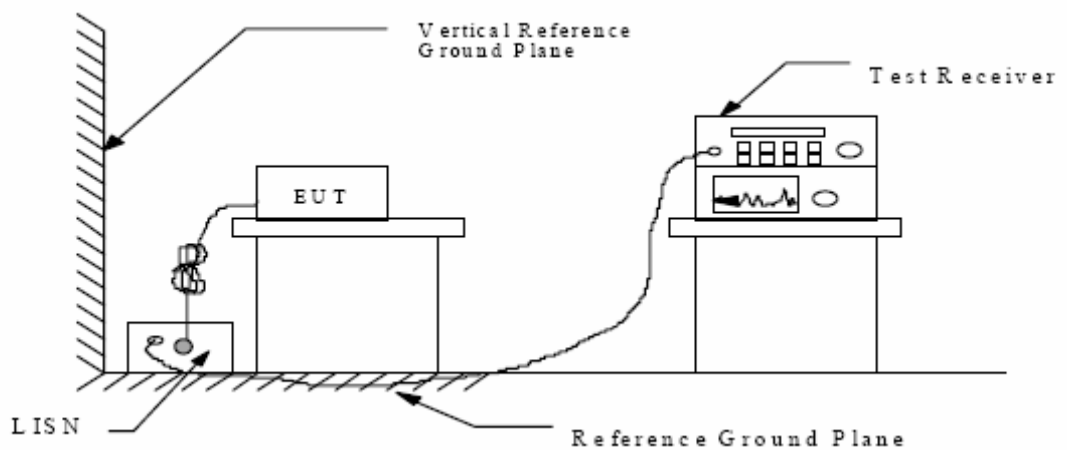
11.1.Block Diagram of Test Setup

11.1.1.Block diagram of connection between the EUT and simulators



(EUT: Internet TV Box)

11.1.2.Shielding Room Test Setup Diagram



(EUT: Internet TV Box)

11.2.The Emission Limit

11.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 - 56.0 *	56.0 - 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

11.3. Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

11.3.1. MID (EUT)

Model Number : VP9B2
Serial Number : N/A
Manufacturer : VP9 Vietnam., JSC

11.4. Operating Condition of EUT

11.4.1. Setup the EUT and simulator as shown as Section 11.1.

11.4.2. Turn on the power of all equipment.

11.4.3. Let the EUT work in (On) mode measure it.

11.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

11.6. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	<u>June 18, 2014</u>	Temperature:	<u>25°C</u>
EUT:	<u>Internet TV Box</u>	Humidity:	<u>50%</u>
Model No.:	<u>VP9B2</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>On</u>	Test Engineer:	<u>Pei</u>

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.476707	40.60	56	-15.8	QP	Neutral
2.483508	42.40	56	-13.6	QP	
3.962881	35.40	56	-20.6	QP	
0.475281	32.40	46	-14.0	AV	
2.476079	34.60	46	-11.4	AV	
3.974770	27.90	46	-18.1	AV	
0.476707	44.90	56	-11.5	QP	Live
2.431974	47.60	56	-8.4	QP	
4.010650	41.30	56	-14.7	QP	
0.473859	35.40	46	-11.0	AV	
2.476079	35.60	46	-10.4	AV	
4.071172	28.70	46	-17.3	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below

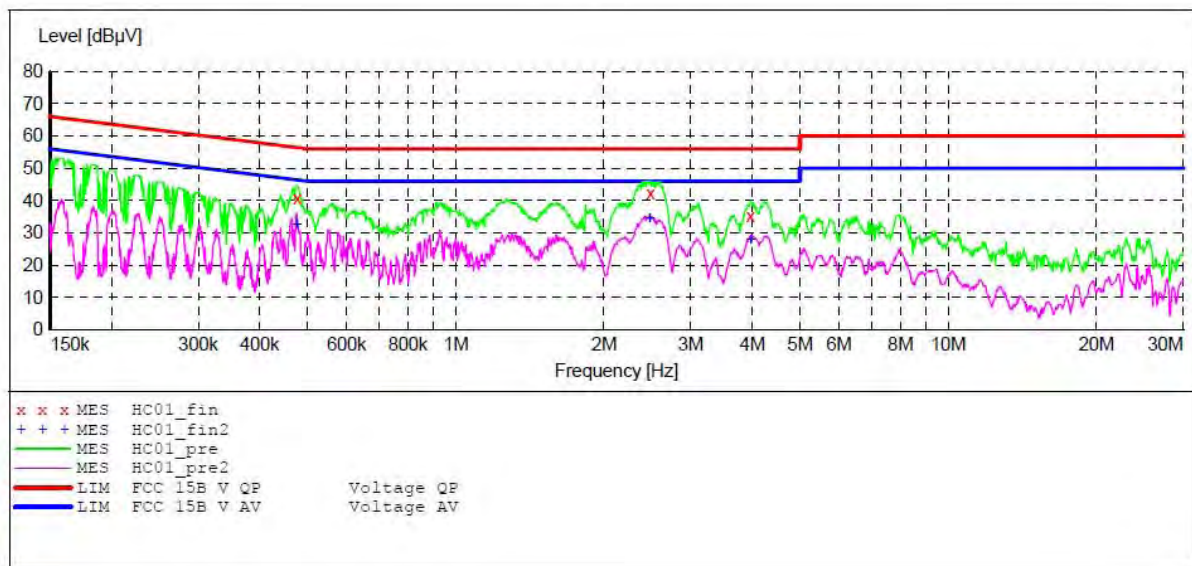
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Internet TV Box M/N:VP9B2
 Manufacturer: VP9 Vietnam., JSC
 Operating Condition: On
 Test Site: 1#Shielding Room
 Operator: star
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20141053
 Start of Test: 2014-6-18 / 8:40:51

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.4 % QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)
 Average



MEASUREMENT RESULT: "HC01_fin"

2014-6-18 8:44

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.476707	40.60	11.4	56	15.8	QP	N	GND
2.483508	42.40	11.9	56	13.6	QP	N	GND
3.962881	35.40	12.0	56	20.6	QP	N	GND

MEASUREMENT RESULT: "HC01_fin2"

2014-6-18 8:44

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.475281	32.40	11.4	46	14.0	AV	N	GND
2.476079	34.60	11.9	46	11.4	AV	N	GND
3.974770	27.90	12.0	46	18.1	AV	N	GND

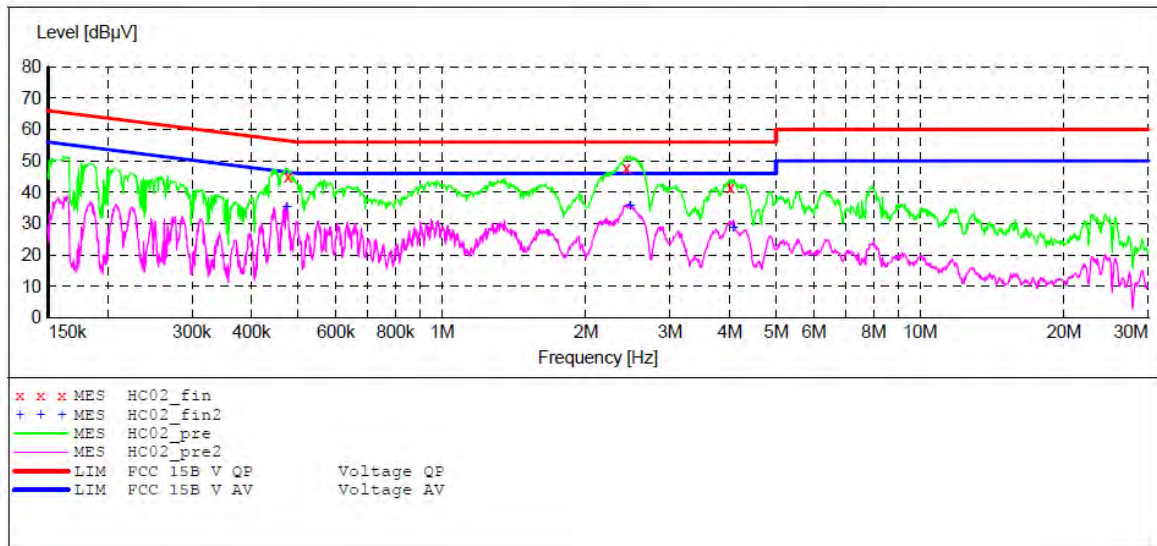
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Internet TV Box M/N:VP9B2
 Manufacturer: VP9 Vietnam., JSC
 Operating Condition: On
 Test Site: 1#Shielding Room
 Operator: star
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20141053
 Start of Test: 2014-6-18 / 8:44:47

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.4 % QuasiPeak 1.0 s 9 kHz LISN(ESH3-Z5)
 Average



MEASUREMENT RESULT: "HC02_fin"

2014-6-18 8:46

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.476707	44.90	11.4	56	11.5	QP	L1	GND
2.431974	47.60	11.9	56	8.4	QP	L1	GND
4.010650	41.30	12.0	56	14.7	QP	L1	GND

MEASUREMENT RESULT: "HC02_fin2"

2014-6-18 8:46

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.473859	35.40	11.4	46	11.0	AV	L1	GND
2.476079	35.60	11.9	46	10.4	AV	L1	GND
4.071172	28.70	12.0	46	17.3	AV	L1	GND

12.ANTENNA REQUIREMENT

12.1.The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

12.2.Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.

