Below 1G

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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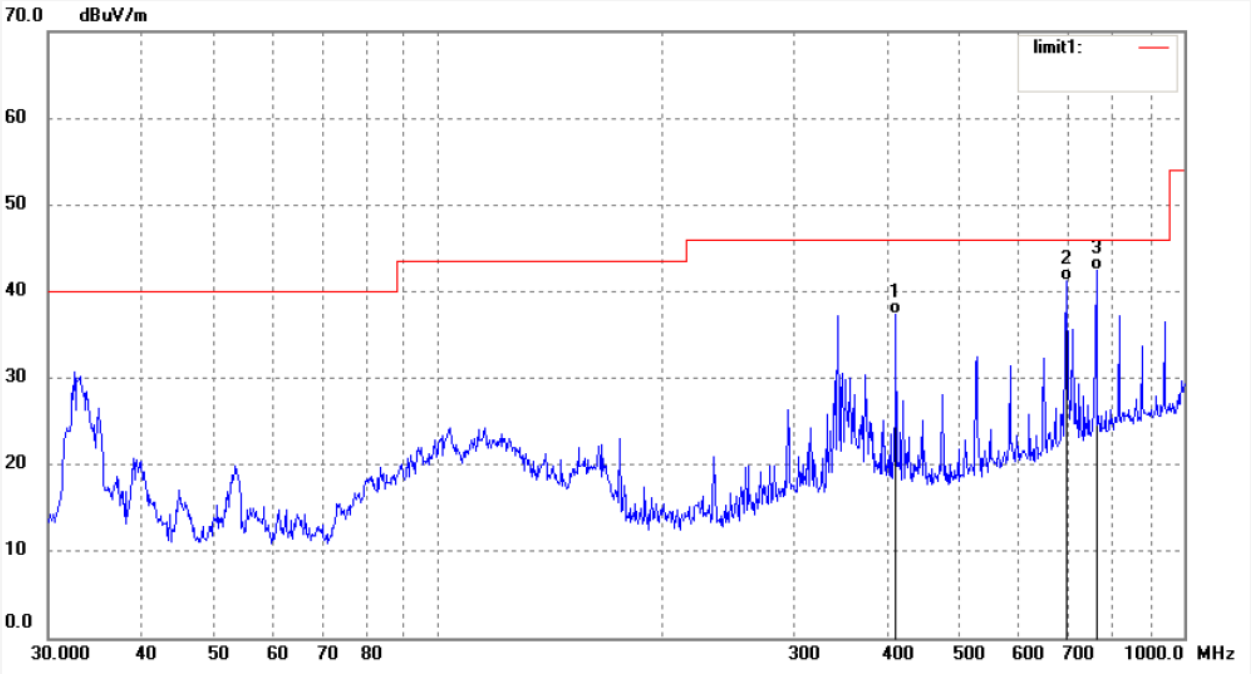
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #2152	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/22/16
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	411.0925	51.20	-13.80	37.40	46.00	-8.60	QP			
2	696.3523	49.30	-8.04	41.26	46.00	-4.74	QP			
3	762.9628	48.95	-6.51	42.44	46.00	-3.56	QP			

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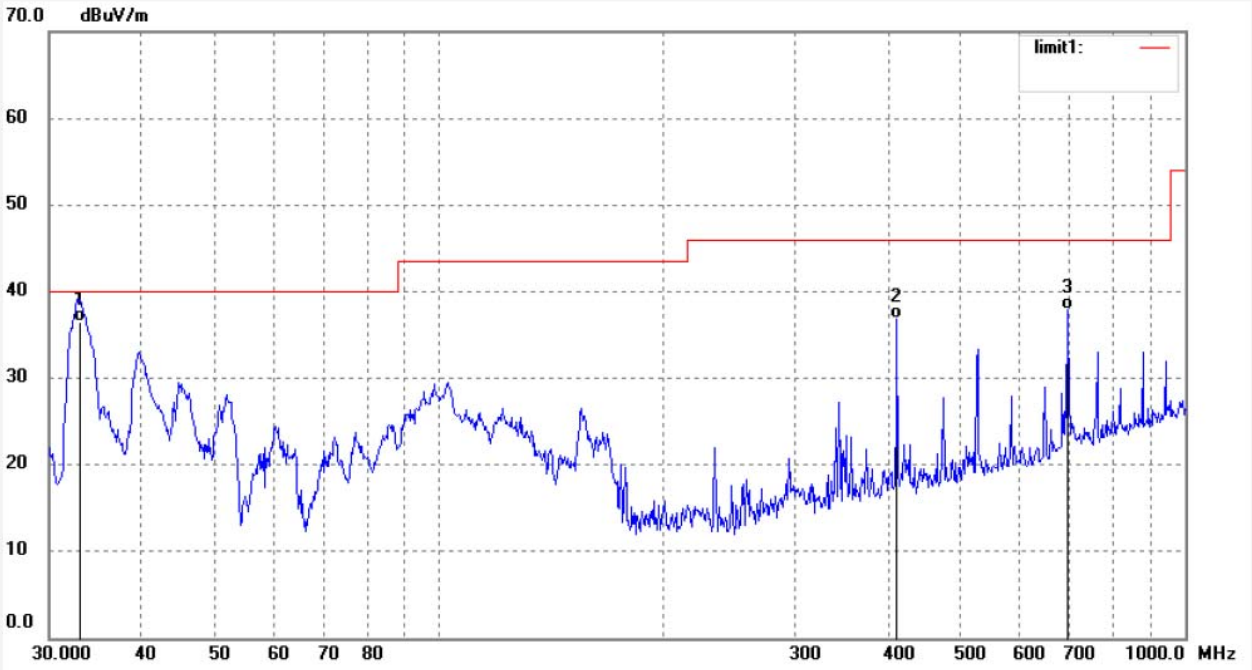
Job No.: STAR2015 #2153	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/26/02
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.9853	53.79	-17.22	36.57	40.00	-3.43	QP			
2	411.0924	50.67	-13.80	36.87	46.00	-9.13	QP			
3	696.3524	45.85	-8.04	37.81	46.00	-8.19	QP			

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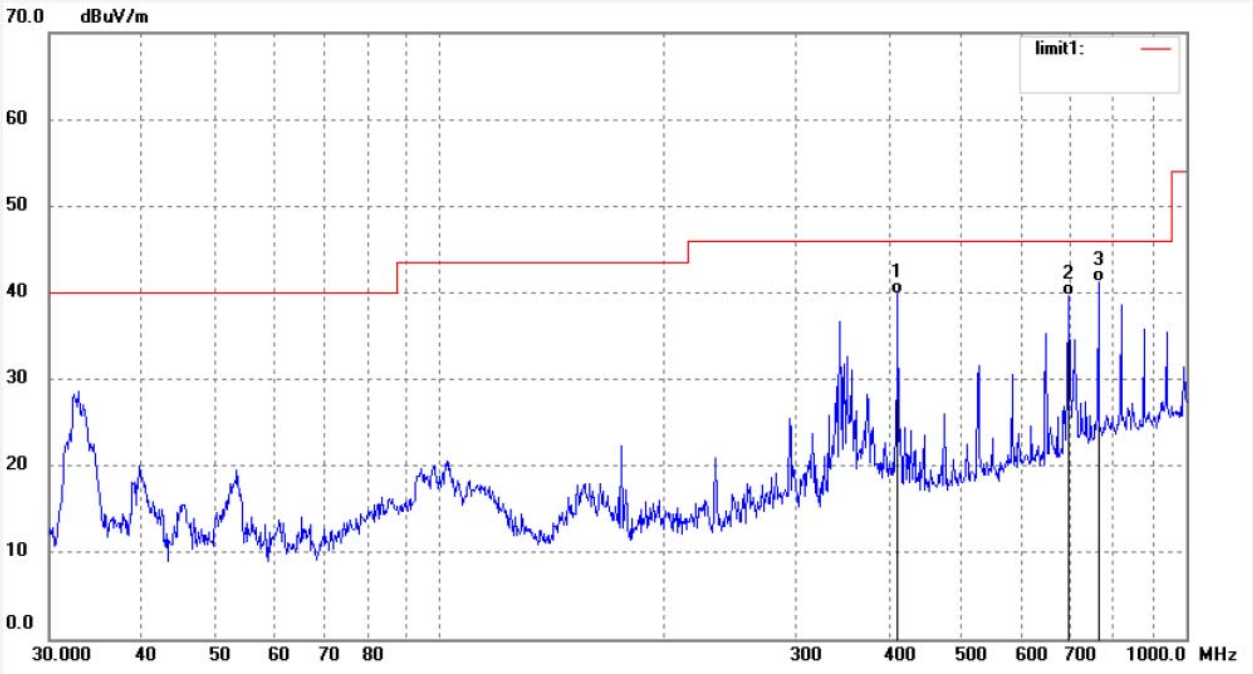
Job No.: STAR2015 #2155	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/34/15
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	411.0925	53.54	-13.80	39.74	46.00	-6.26	QP			
2	696.3525	47.66	-8.04	39.62	46.00	-6.38	QP			
3	762.9628	47.73	-6.51	41.22	46.00	-4.78	QP			

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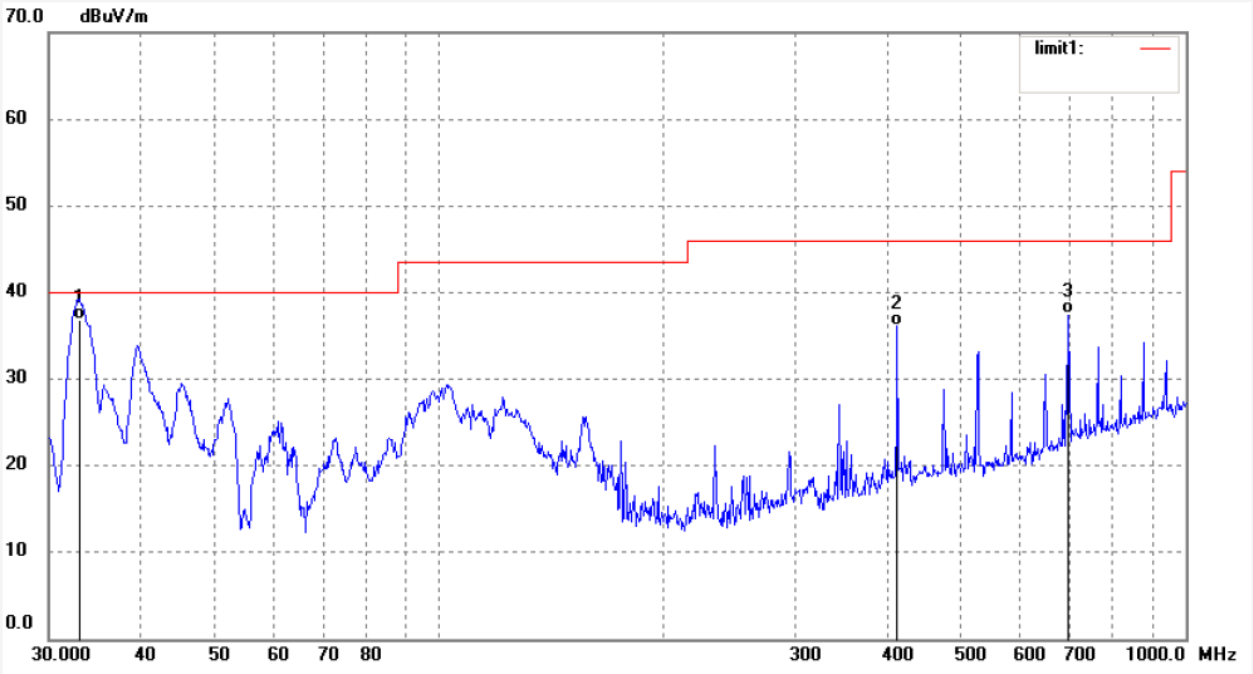
Job No.: STAR2015 #2154	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/30/37
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.9853	54.00	-17.22	36.78	40.00	-3.22	QP			
2	411.0924	49.95	-13.80	36.15	46.00	-9.85	QP			
3	696.3524	45.49	-8.04	37.45	46.00	-8.55	QP			

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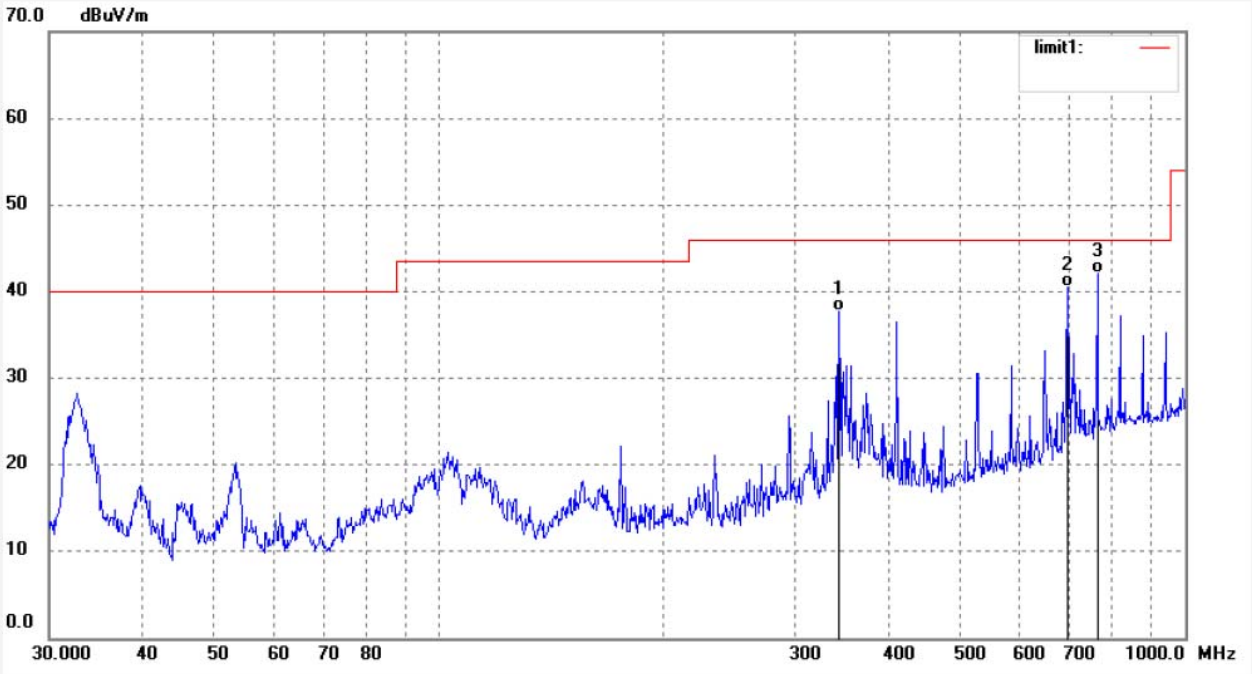
Job No.: STAR2015 #2156	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/37/56
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	343.6505	52.56	-14.86	37.70	46.00	-8.30	QP			
2	696.3524	48.57	-8.04	40.53	46.00	-5.47	QP			
3	762.9628	48.62	-6.51	42.11	46.00	-3.89	QP			

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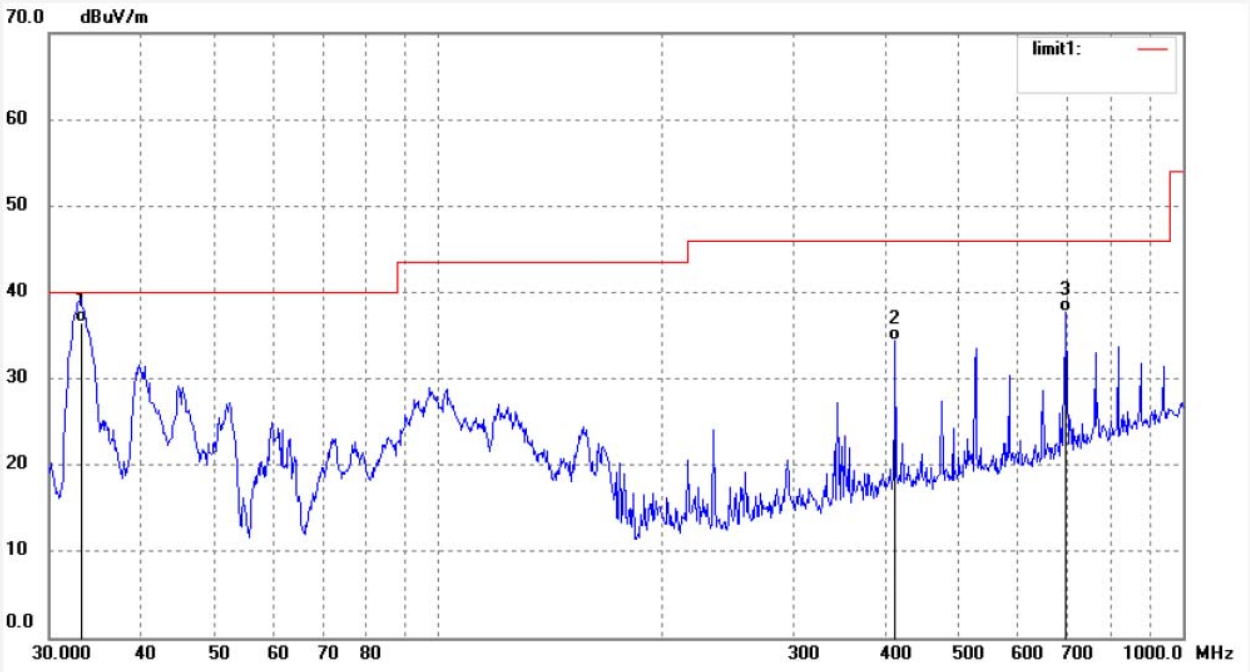
Job No.: STAR2015 #2157	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/41/42
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.1015	53.70	-17.24	36.46	40.00	-3.54	QP			
2	411.0924	48.15	-13.80	34.35	46.00	-11.65	QP			
3	696.3524	45.69	-8.04	37.65	46.00	-8.35	QP			

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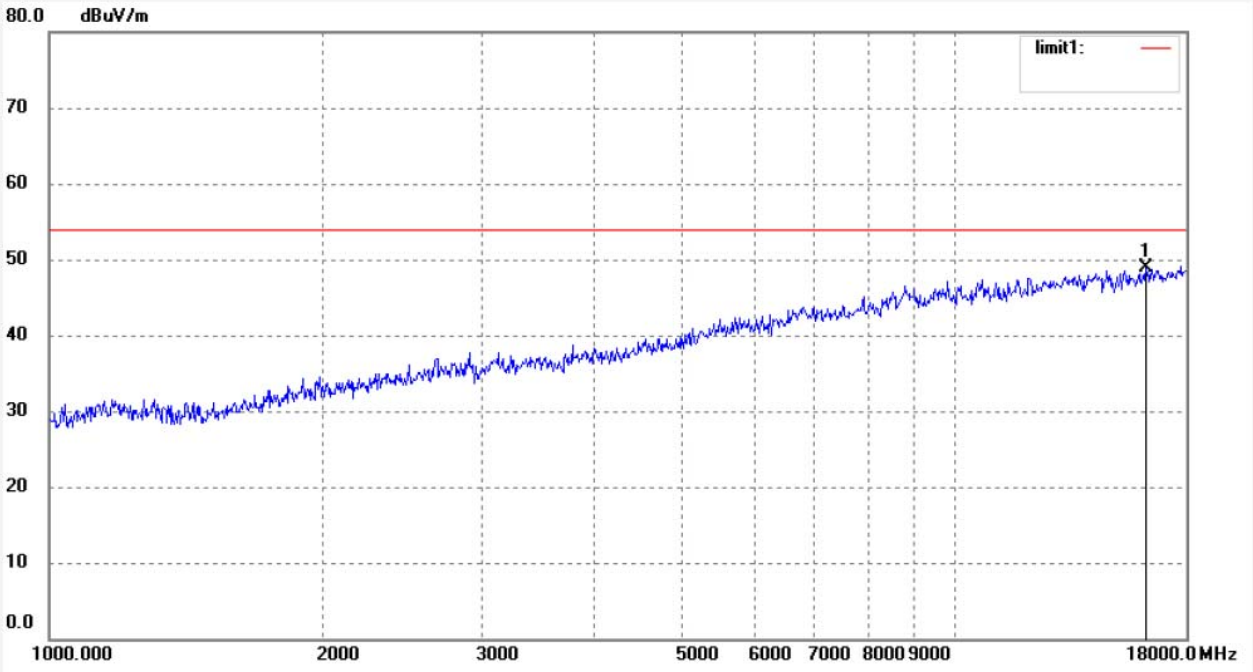
Job No.: STAR2015 #2177	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/07/39
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16256.545	35.89	13.06	48.95	74.00	-25.05	peak			

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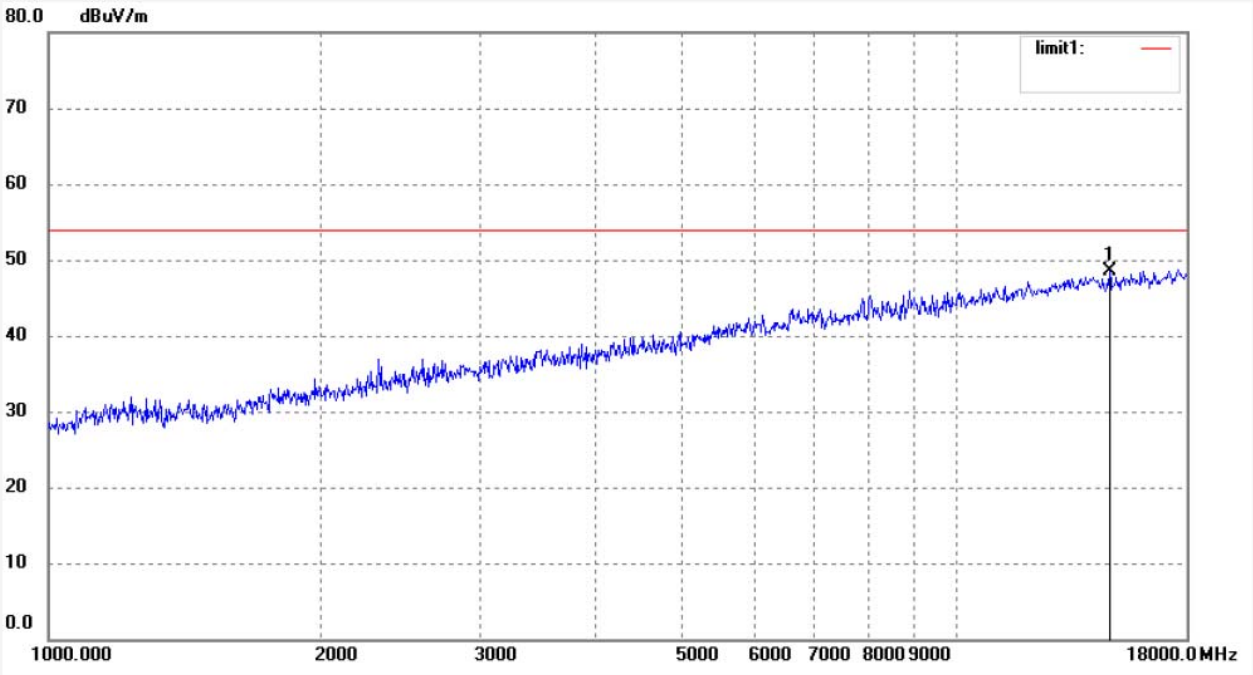
Job No.: STAR2015 #2176	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/03/43
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14810.727	34.87	13.69	48.56	74.00	-25.44	peak			

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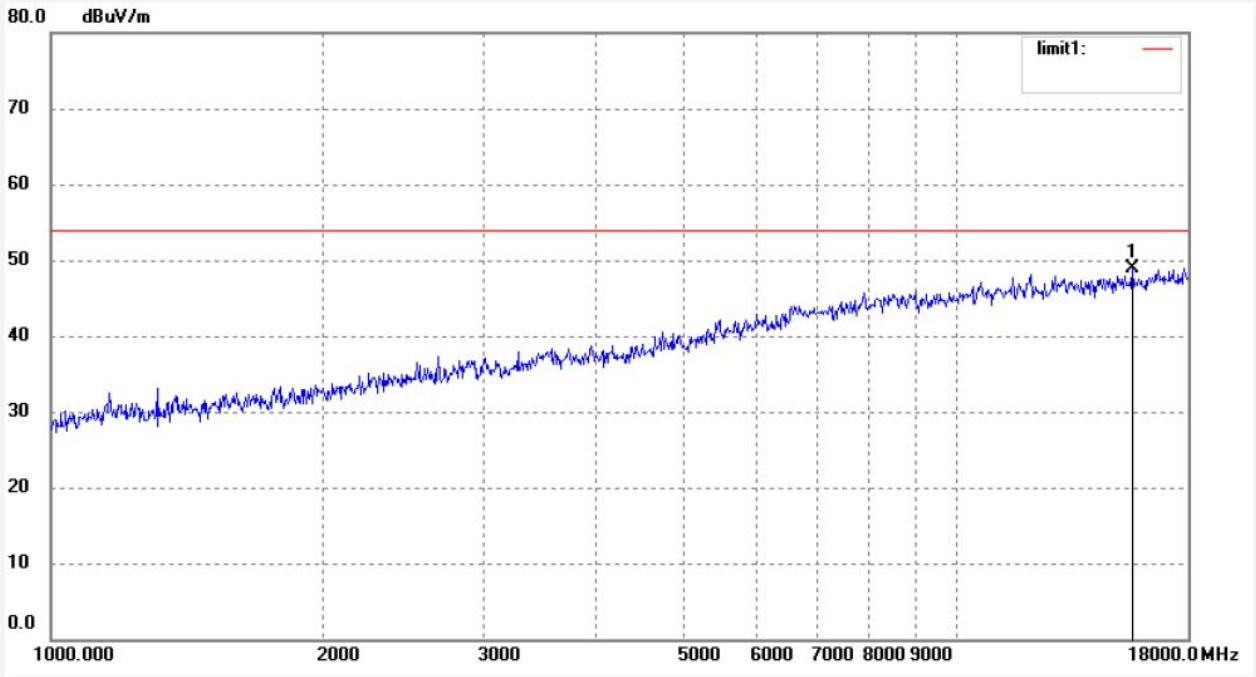
Job No.: STAR2015 #2178	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/11/30
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15652.895	36.30	12.66	48.96	74.00	-25.04	peak			

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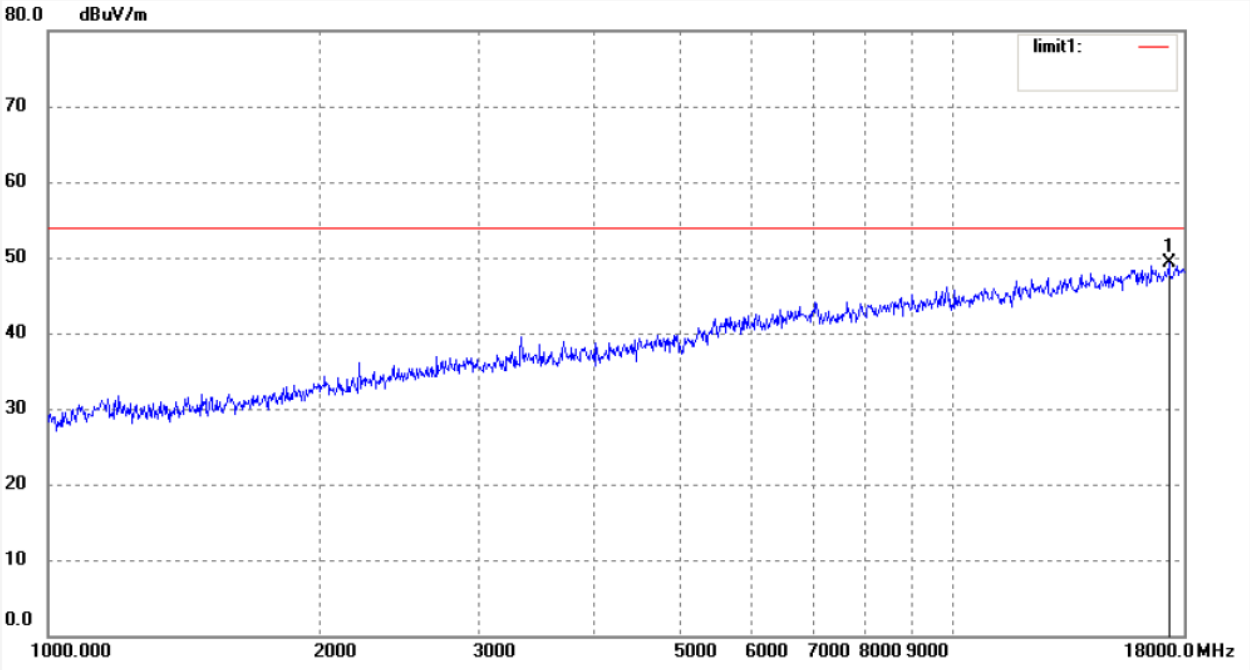
Job No.: STAR2015 #2179	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/15/22
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17331.611	32.88	16.35	49.23	74.00	-24.77	peak			

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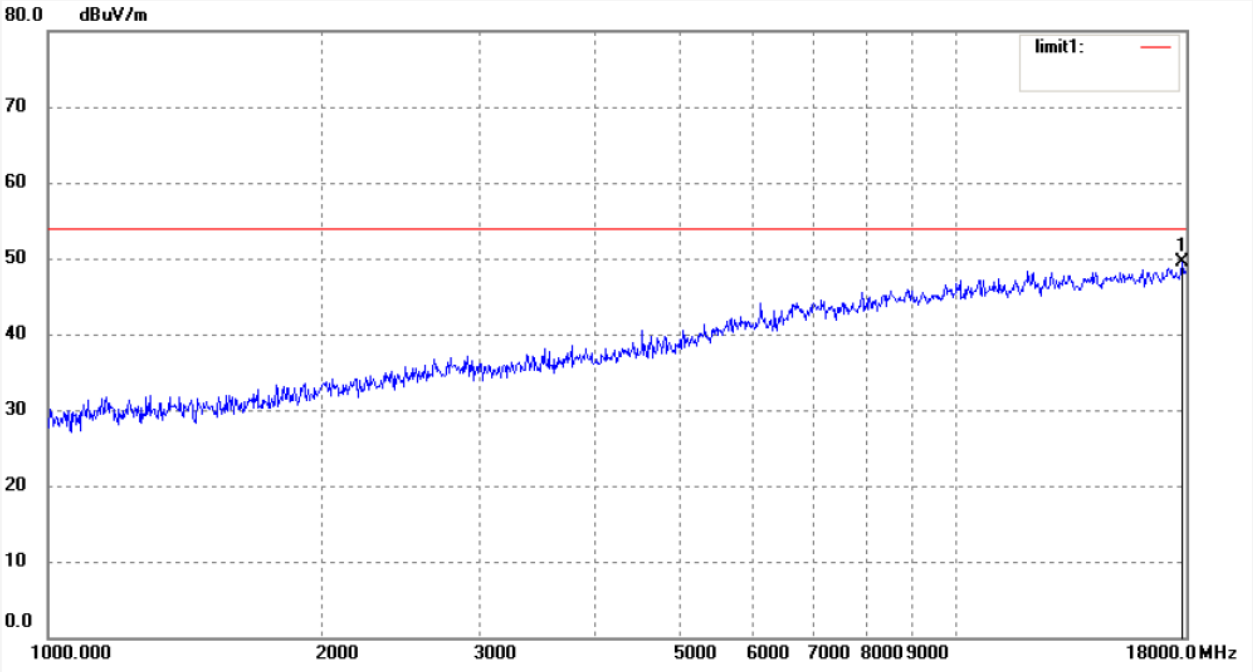
Job No.: STAR2015 #2181	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/22/03
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17843.504	30.66	18.80	49.46	74.00	-24.54	peak			

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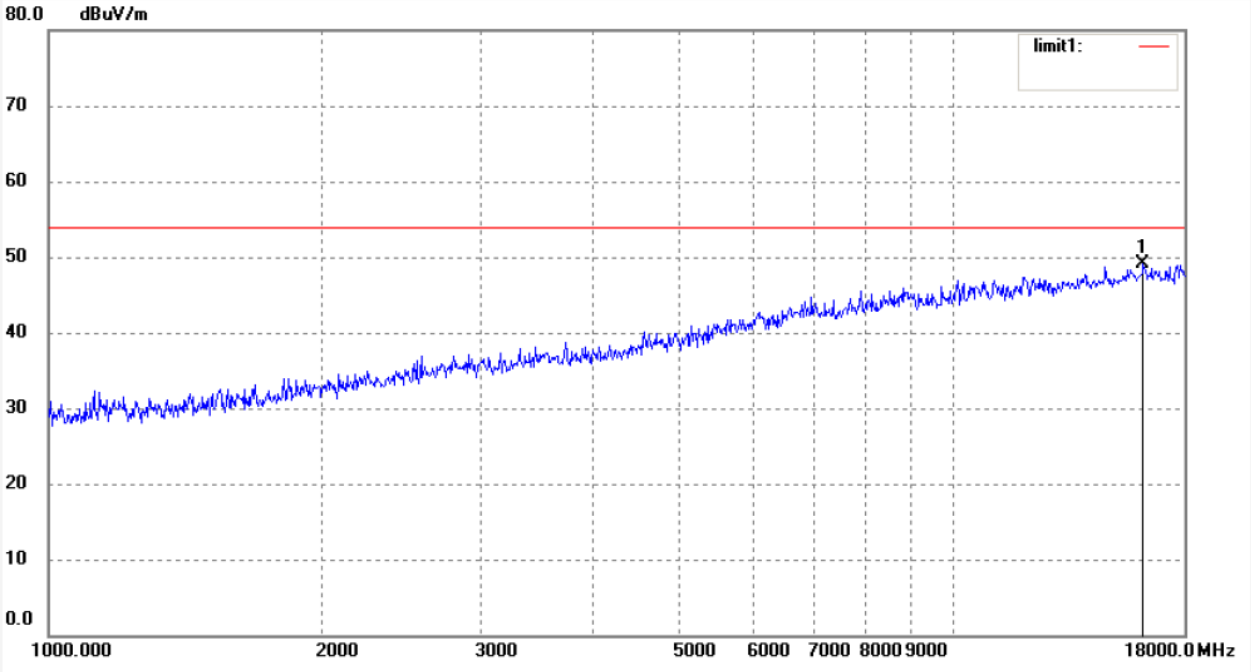
Job No.: STAR2015 #2180	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/18/12
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11b)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16209.295	36.04	13.03	49.07	74.00	-24.93	peak			

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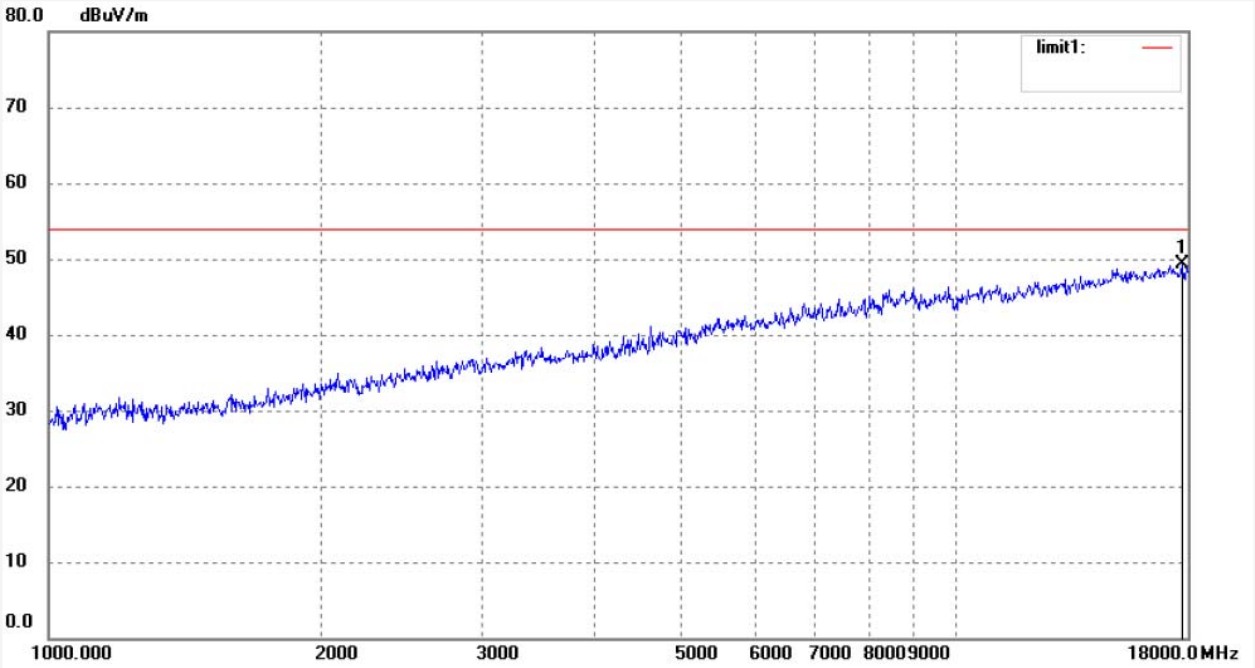
Job No.: STAR2015 #2182	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/26/12
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17739.930	30.98	18.27	49.25	74.00	-24.75	peak			

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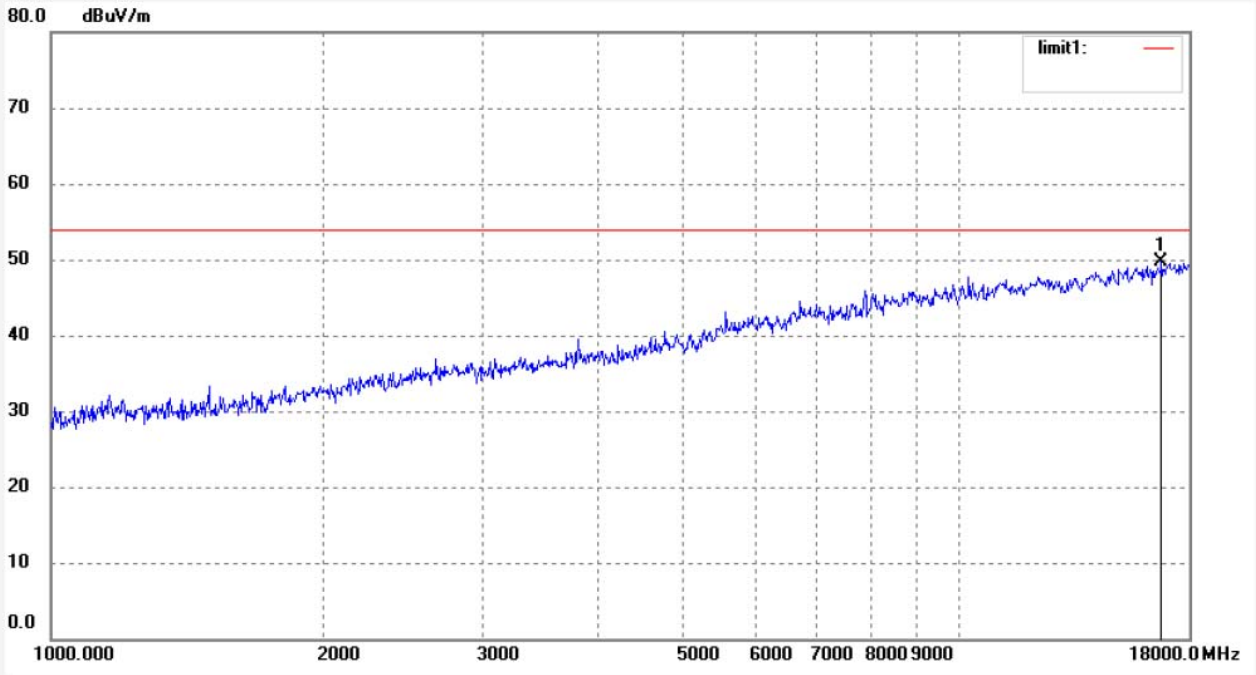
Job No.: STAR2015 #2183	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/30/12
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16785.473	35.37	14.24	49.61	74.00	-24.39	peak			

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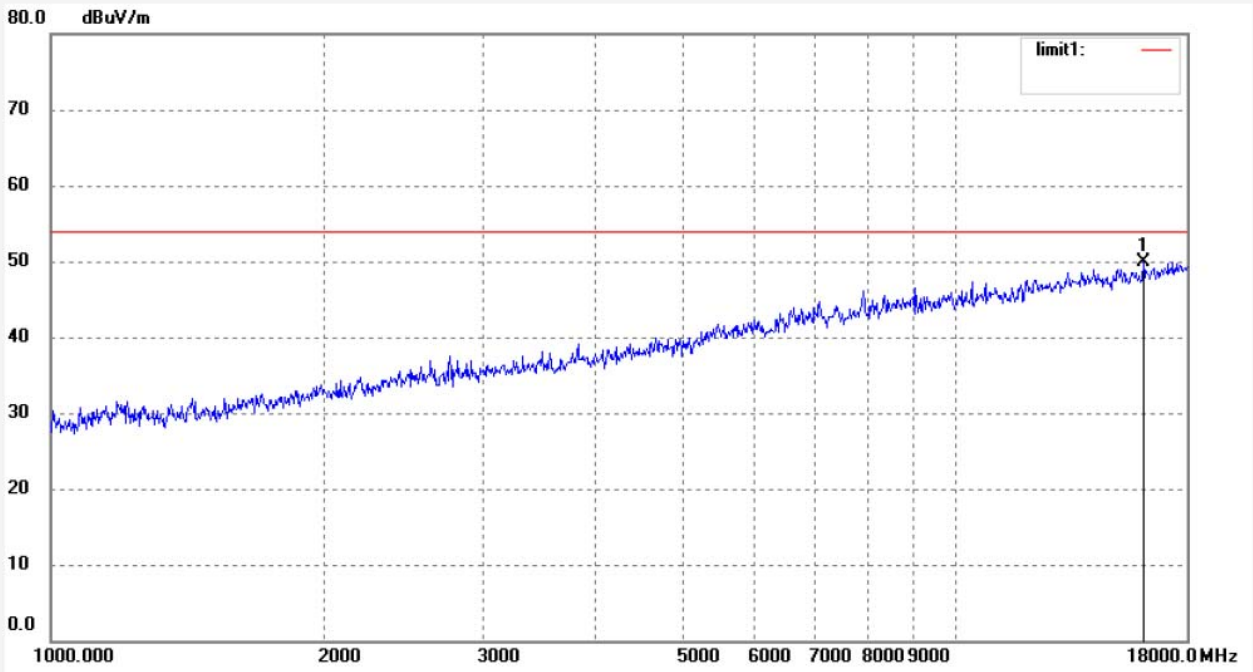
Job No.: STAR2015 #2185	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/37/04
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11g)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16115.207	37.01	12.92	49.93	74.00	-24.07	peak			

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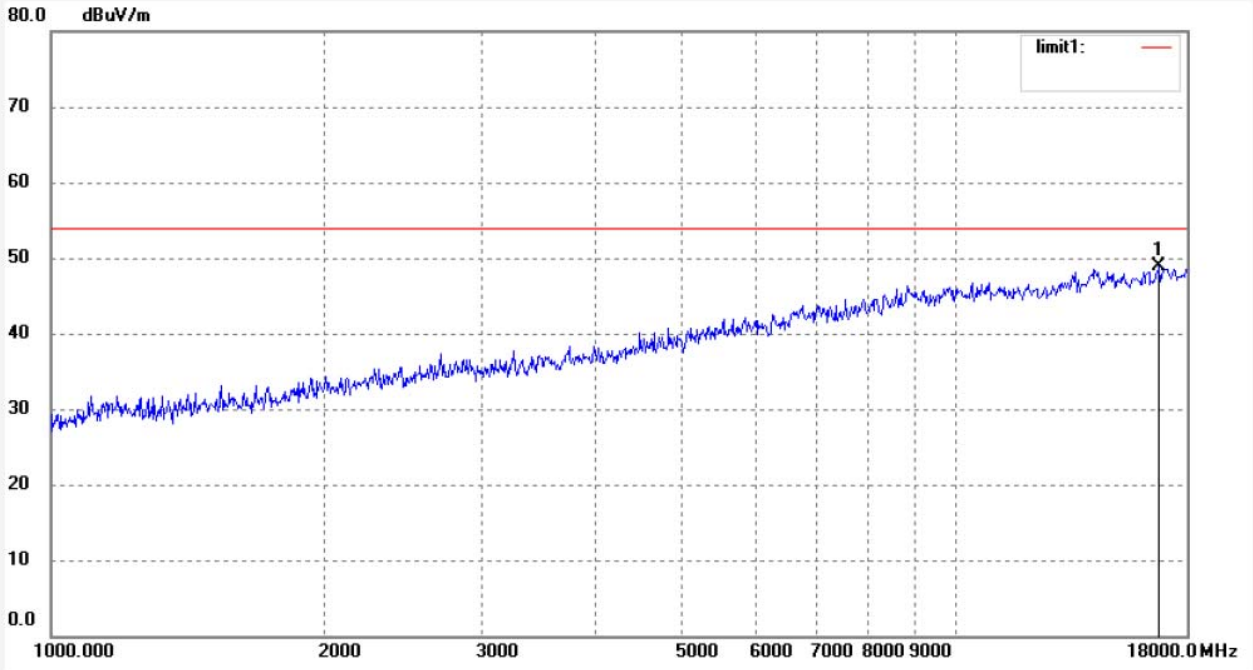
Job No.: STAR2015 #2184	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/33/05
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11g)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16785.473	34.67	14.24	48.91	74.00	-25.09	peak			

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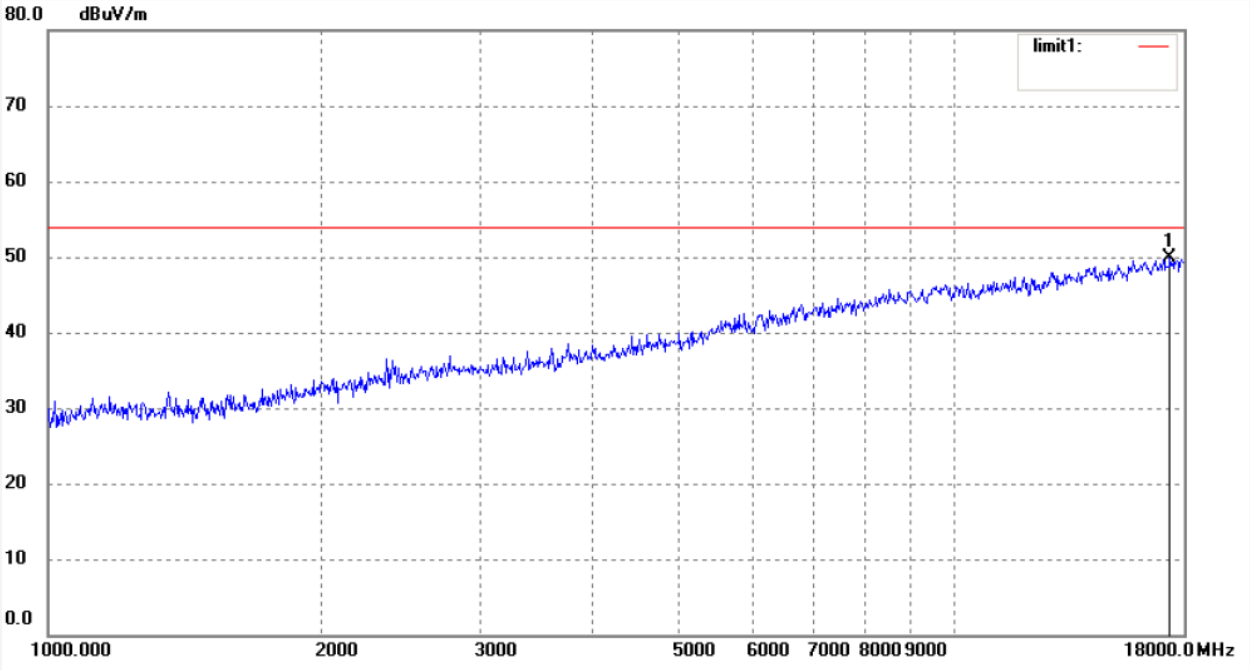
Job No.: STAR2015 #2186	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/40/58
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17382.132	33.32	16.56	49.88	74.00	-24.12	peak			

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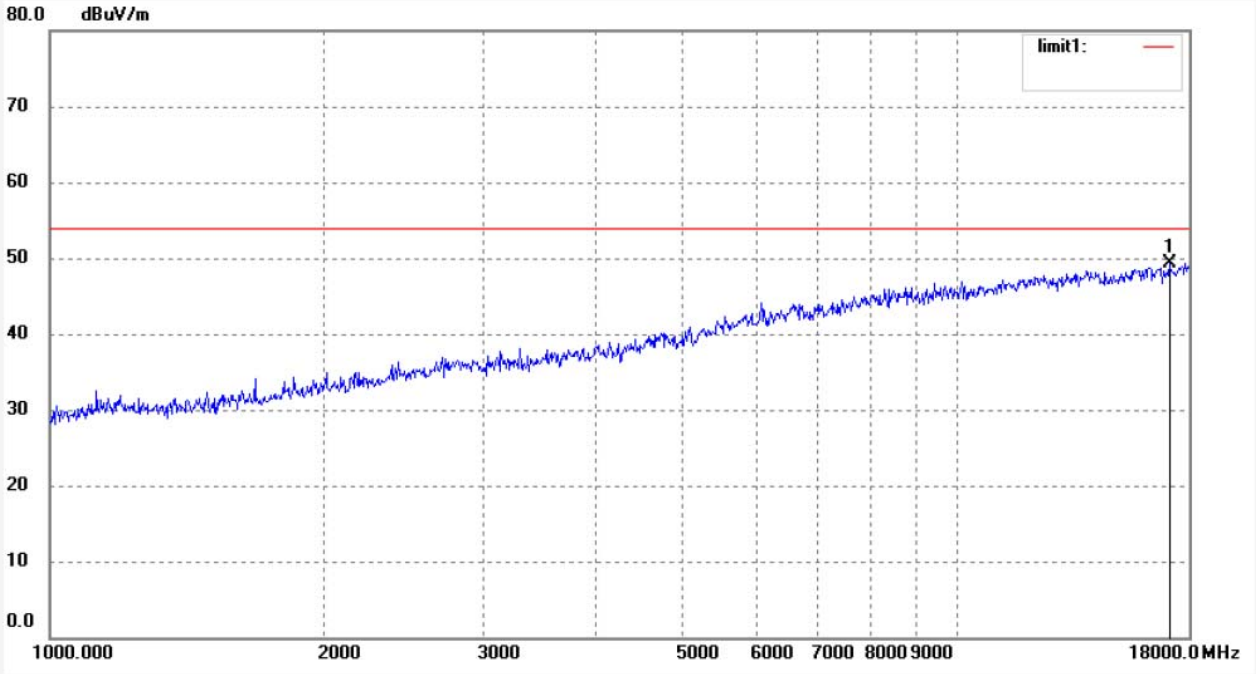
Fax:+86-0755-26503396

Job No.: STAR2015 #2187	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/44/08
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17130.989	33.79	15.49	49.28	74.00	-24.72	peak			

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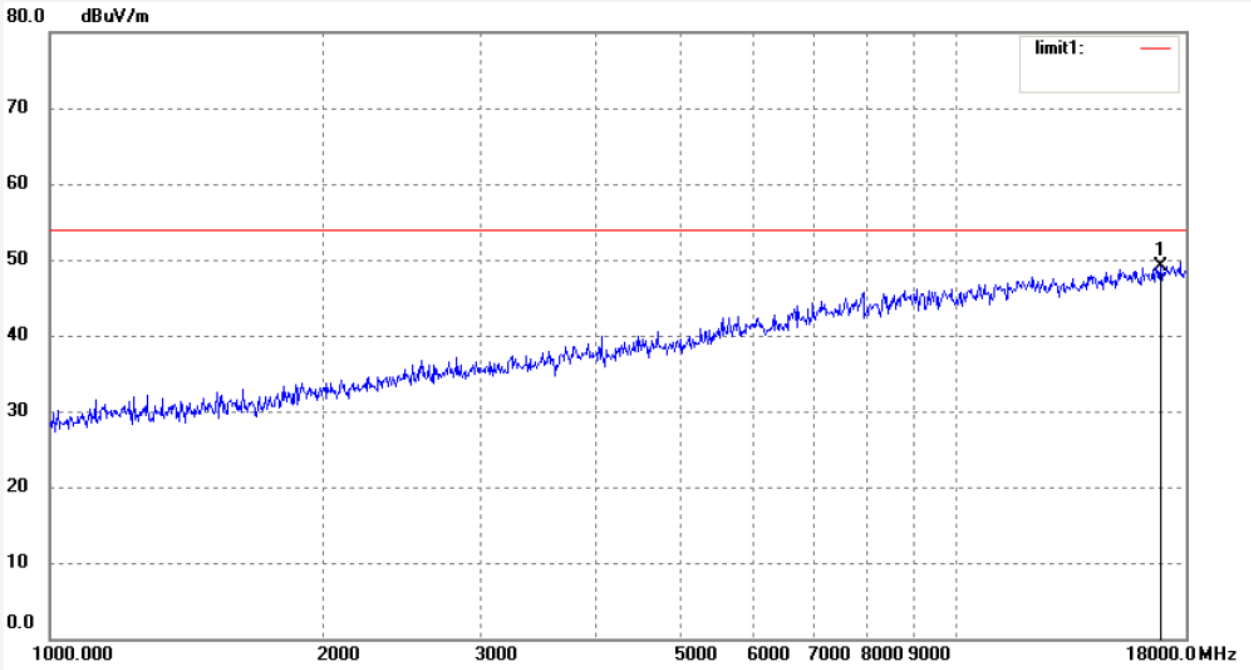
Fax:+86-0755-26503396

Job No.: STAR2015 #2189	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/51/15
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11n)20MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16883.475	34.64	14.56	49.20	74.00	-24.80	peak			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 1# Chamber
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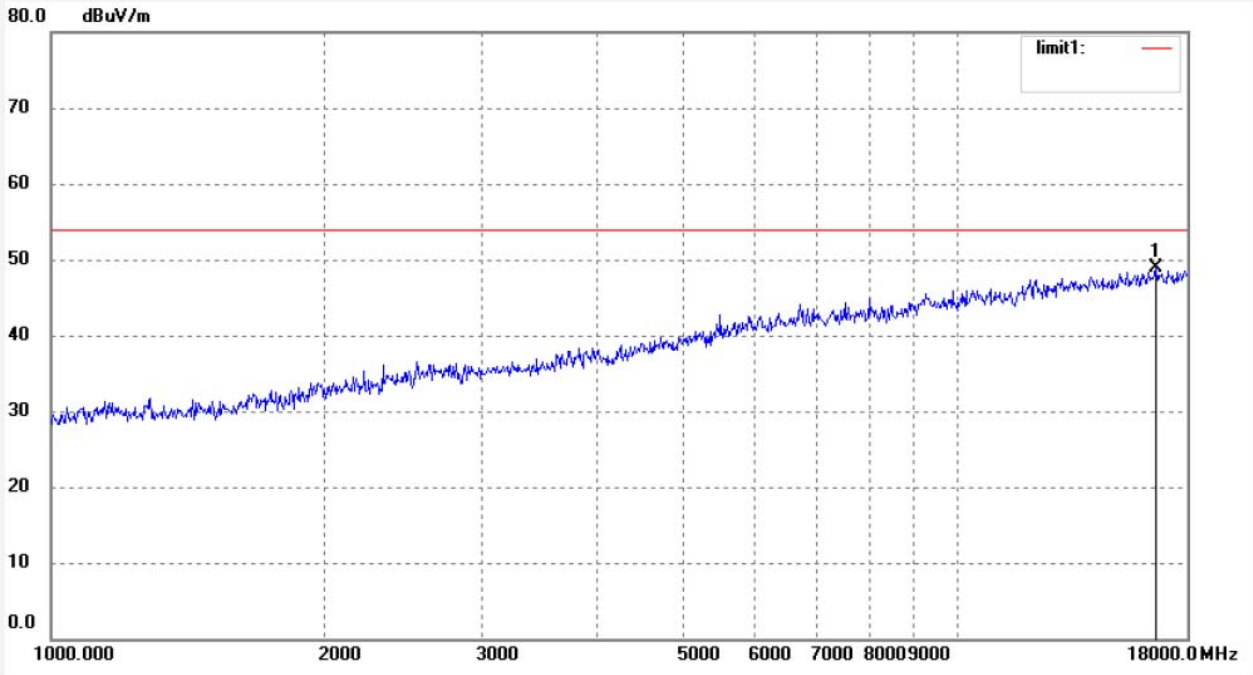
Fax:+86-0755-26503396

Job No.: STAR2015 #2188	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/47/10
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 1(802.11n)20MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16639.536	35.10	13.77	48.87	74.00	-25.13	peak			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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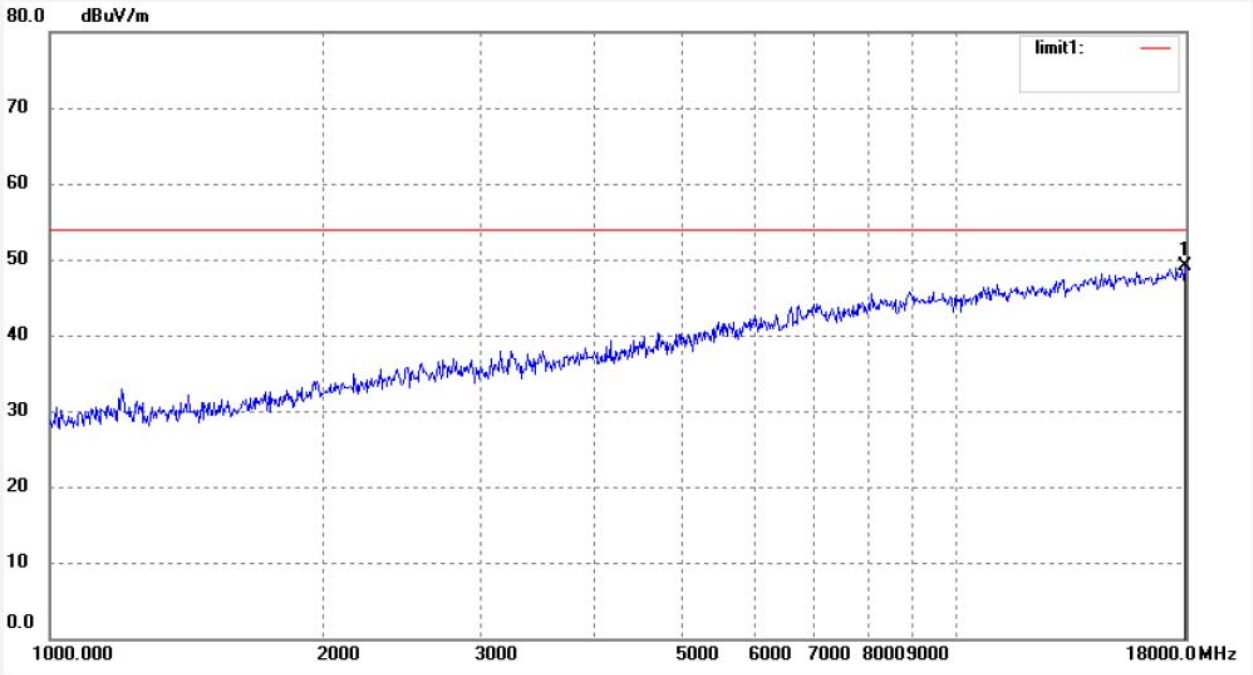
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #2190	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/54/14
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11n)20MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17947.683	29.85	19.32	49.17	74.00	-24.83	peak			

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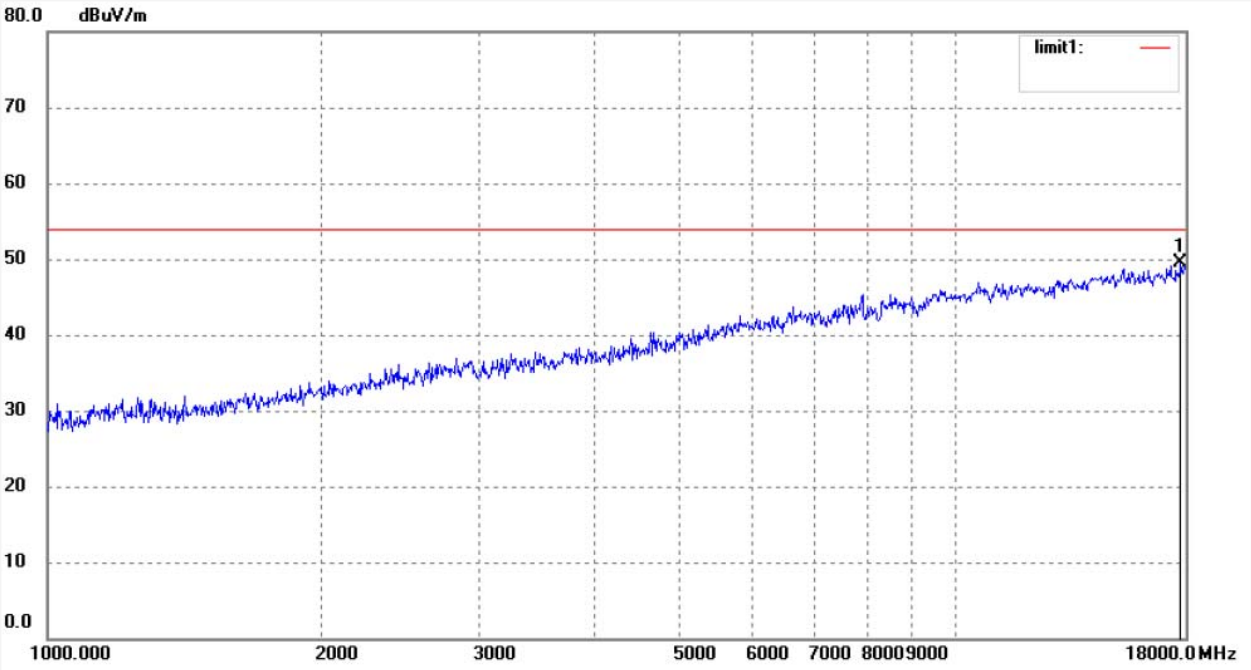
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #2191	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/58/08
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11n)20MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17791.642	30.88	18.53	49.41	74.00	-24.59	peak			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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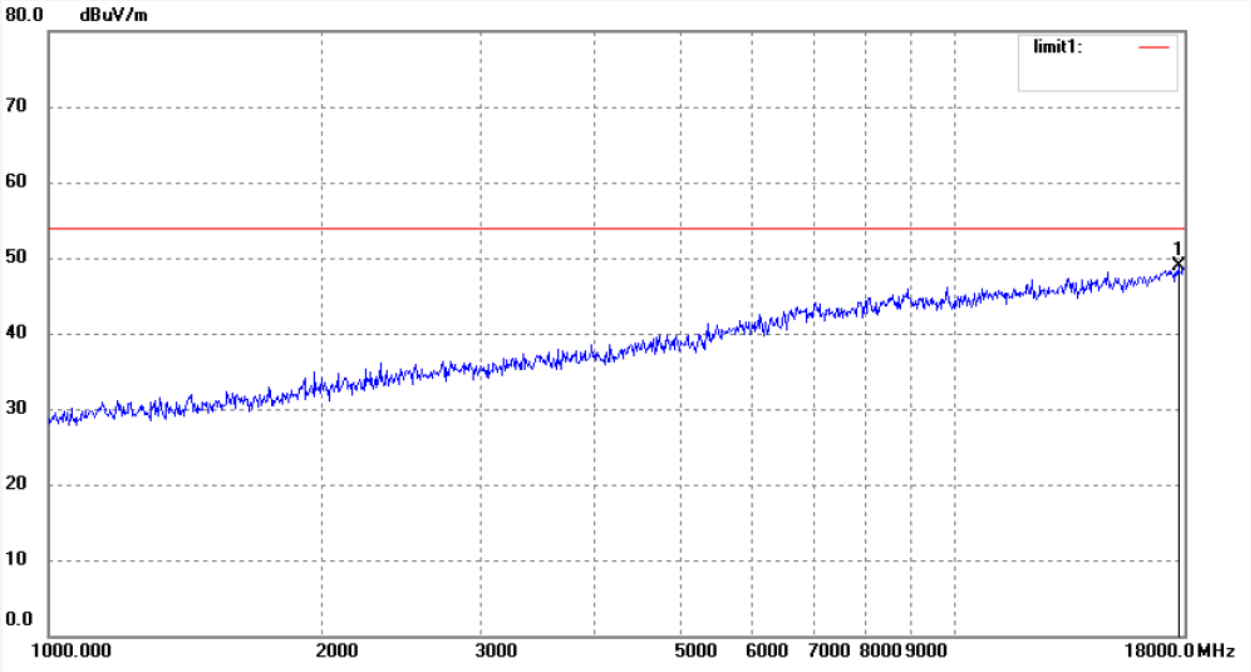
Fax:+86-0755-26503396

Job No.: STAR2015 #2193	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/05/08
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 11(802.11n)20MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17739.930	30.68	18.27	48.95	74.00	-25.05	peak			

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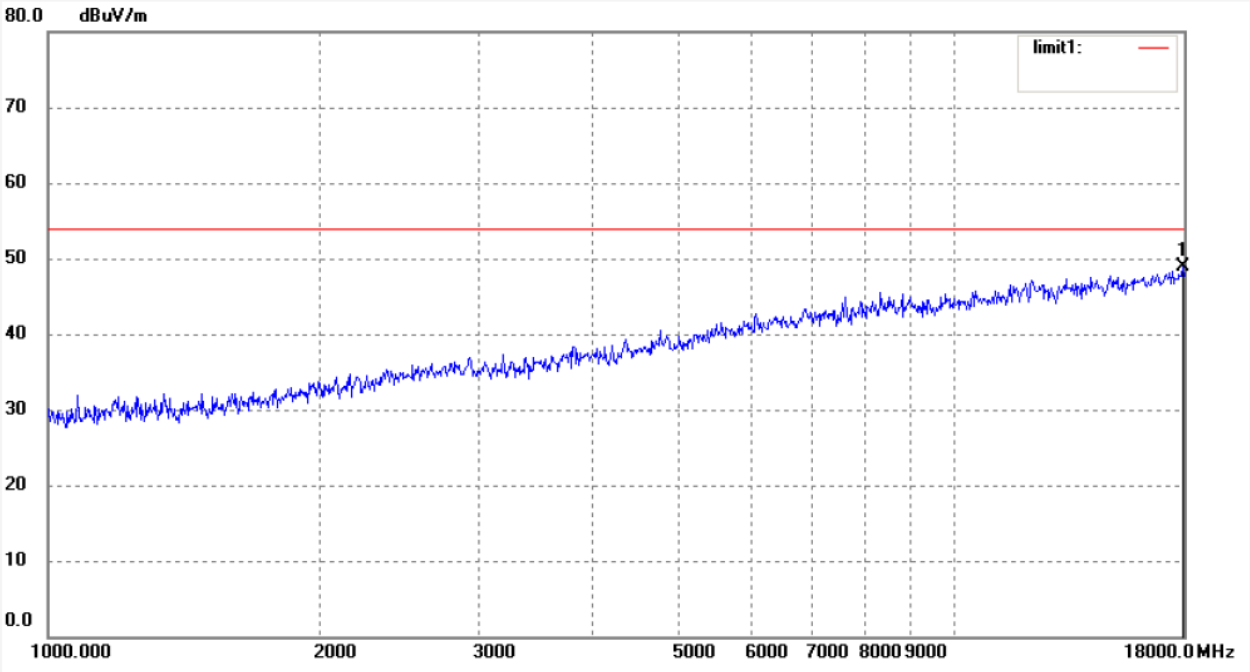
Fax:+86-0755-26503396

Job No.: STAR2015 #2192
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Mobile internet device
Mode: TX Channel 11(802.11n)20MHz
Model: S3 591-00101
Manufacturer: Pipo

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/11/25/
Time: 12/02/09
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17947.683	29.64	19.32	48.96	74.00	-25.04	peak			

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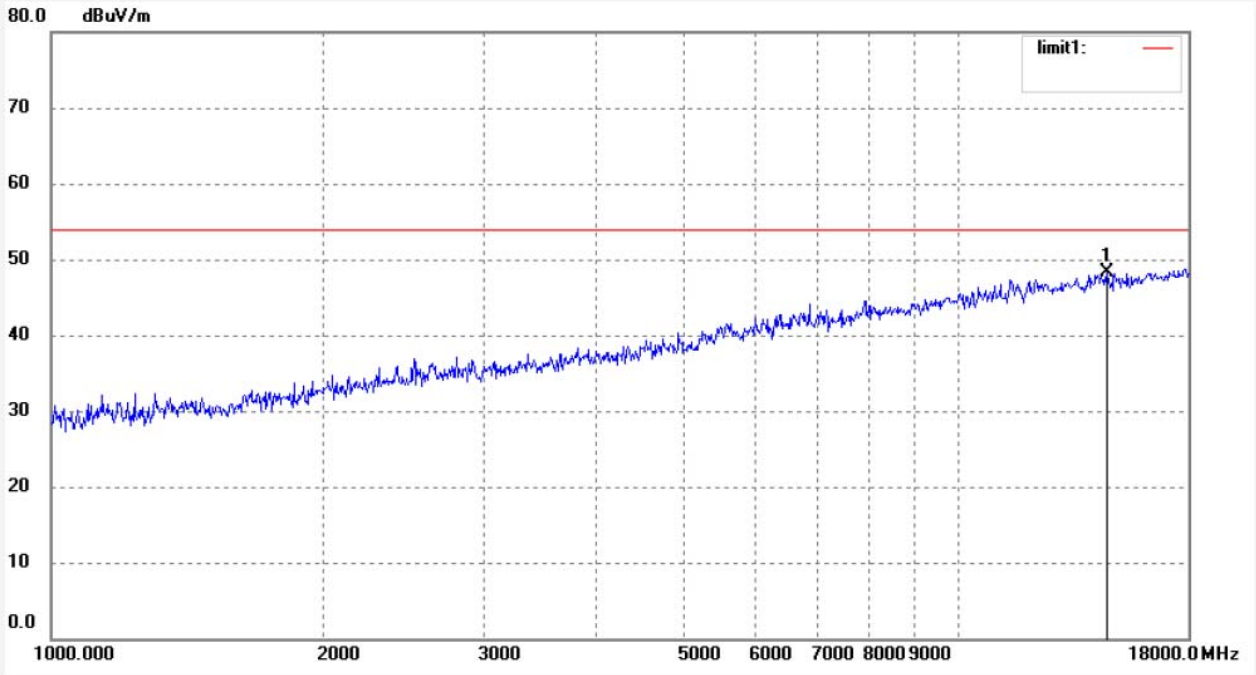
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #2194	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/09/04
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 3(802.11n)40MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	14639.286	34.22	14.04	48.26	74.00	-25.74	peak			

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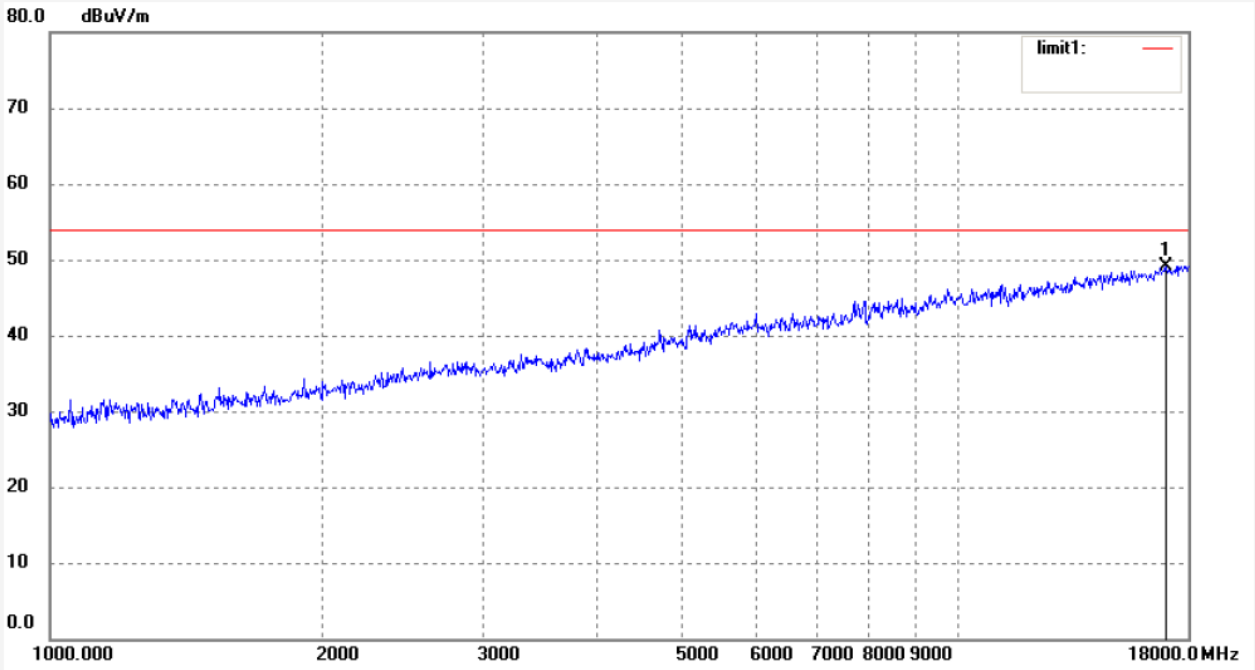
Fax:+86-0755-26503396

Job No.: STAR2015 #2195	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/13/56
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 3(802.11n)40MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17031.551	34.06	15.08	49.14	74.00	-24.86	peak			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 1# Chamber
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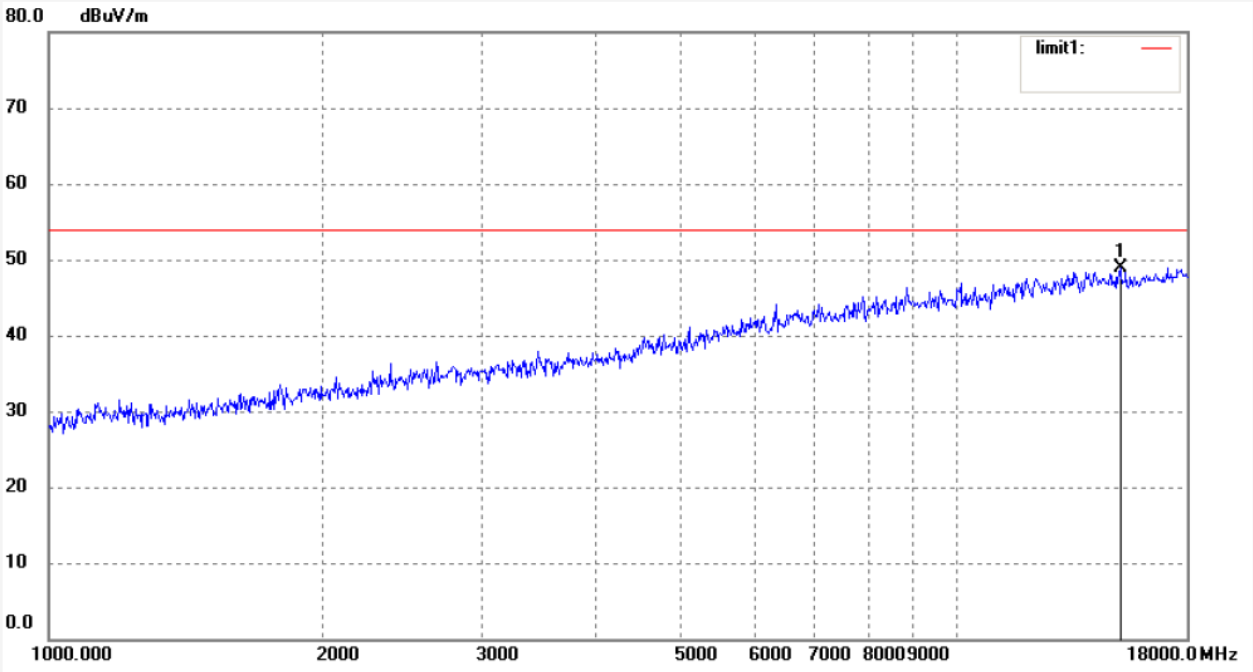
Fax:+86-0755-26503396

Job No.: STAR2015 #2197	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/22/45
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	15203.846	35.97	13.00	48.97	74.00	-25.03	peak			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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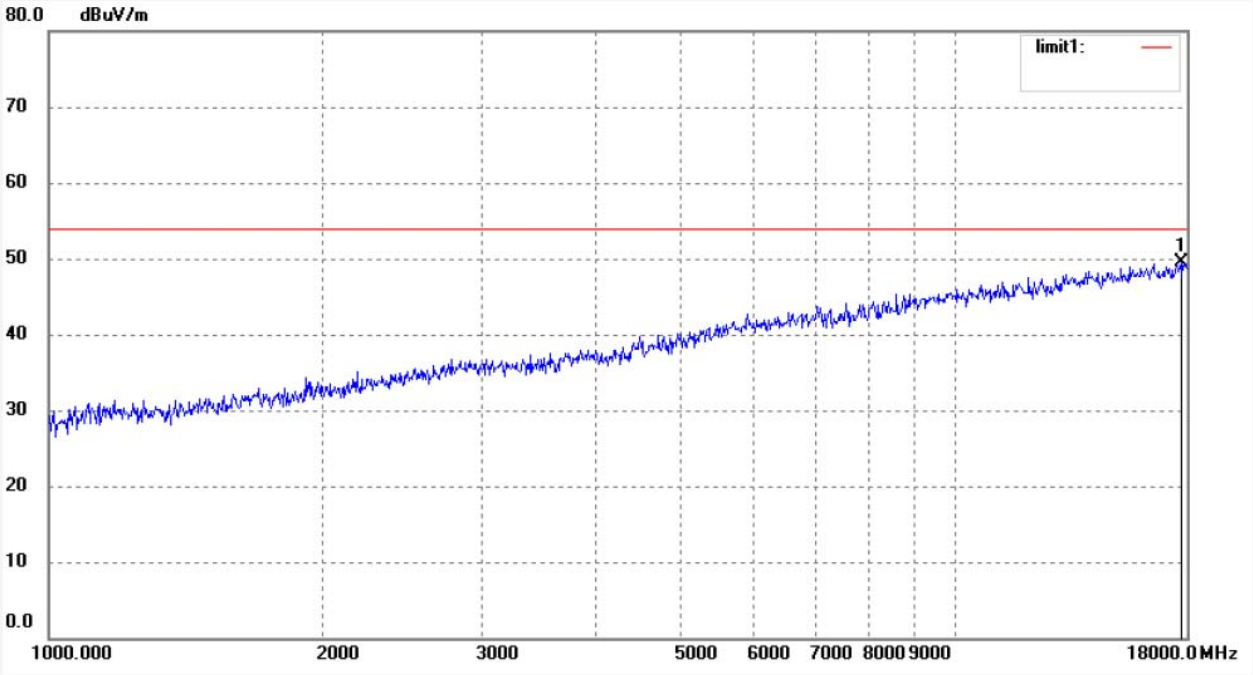
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2015 #2196	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/18/55
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17739.930	31.21	18.27	49.48	74.00	-24.52	peak			

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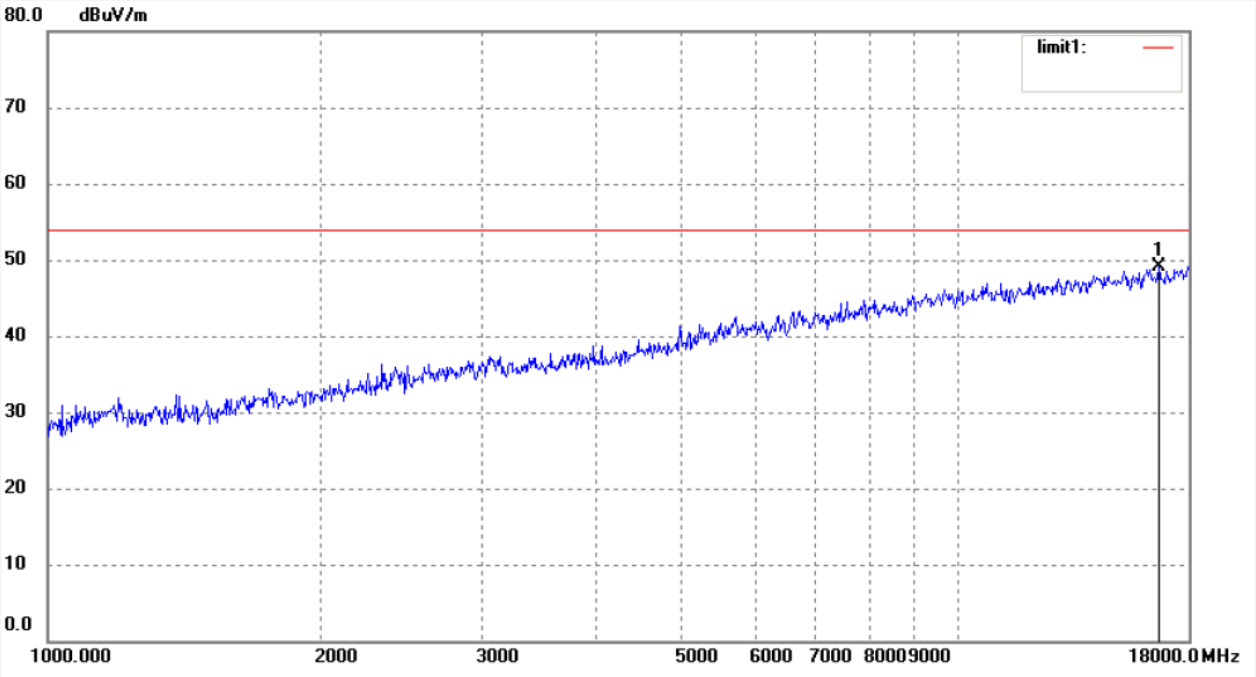
Fax:+86-0755-26503396

Job No.: STAR2015 #2198	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/26/37
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 9(802.11n)40MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	16688.041	35.08	13.93	49.01	74.00	-24.99	peak			

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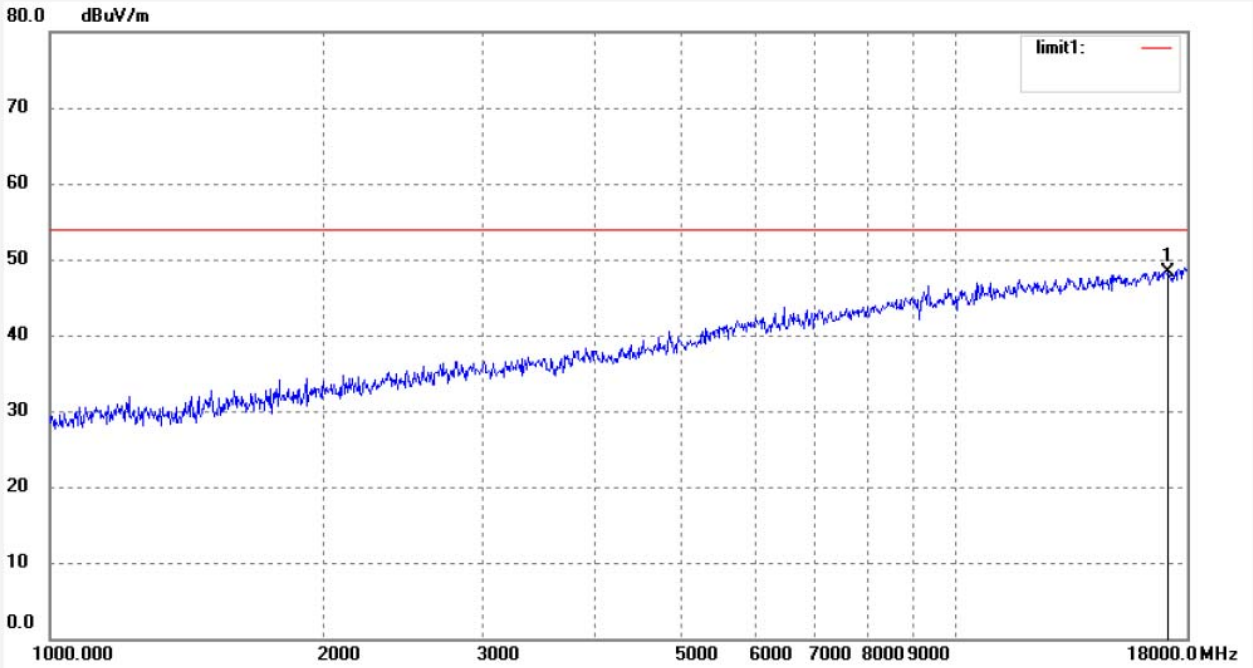
Fax:+86-0755-26503396

Job No.: STAR2015 #2199	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/11/25/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/31/39
EUT: Mobile internet device	Engineer Signature: star
Mode: TX Channel 9(802.11n)40MHz	Distance: 3m
Model: S3 591-00101	
Manufacturer: Pipo	

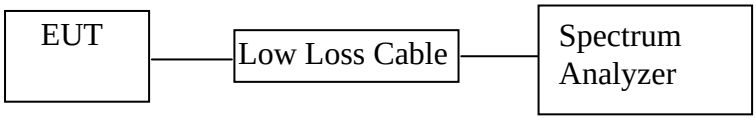
Note: Report No.:ATE20152481



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	17180.926	32.61	15.70	48.31	74.00	-25.69	peak			

11. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

11.1. Block Diagram of Test Setup



11.2. 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).

11.3. 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.

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 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.

11.5.Test Procedure

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

11.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz.

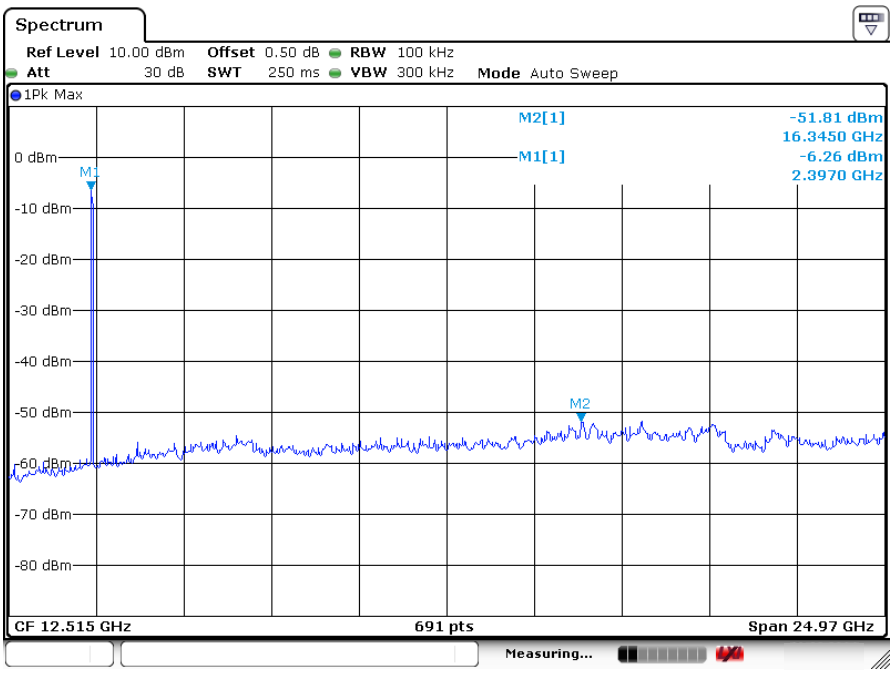
11.5.3.The Conducted Spurious Emission was measured and recorded.

11.6.Test Result

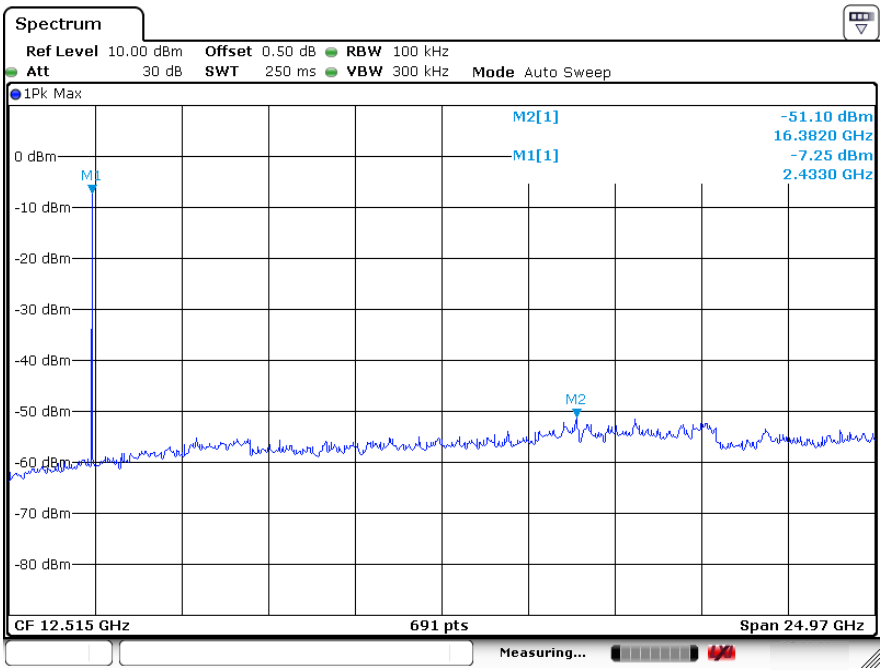
Pass.

The spectrum analyzer plots are attached as below.

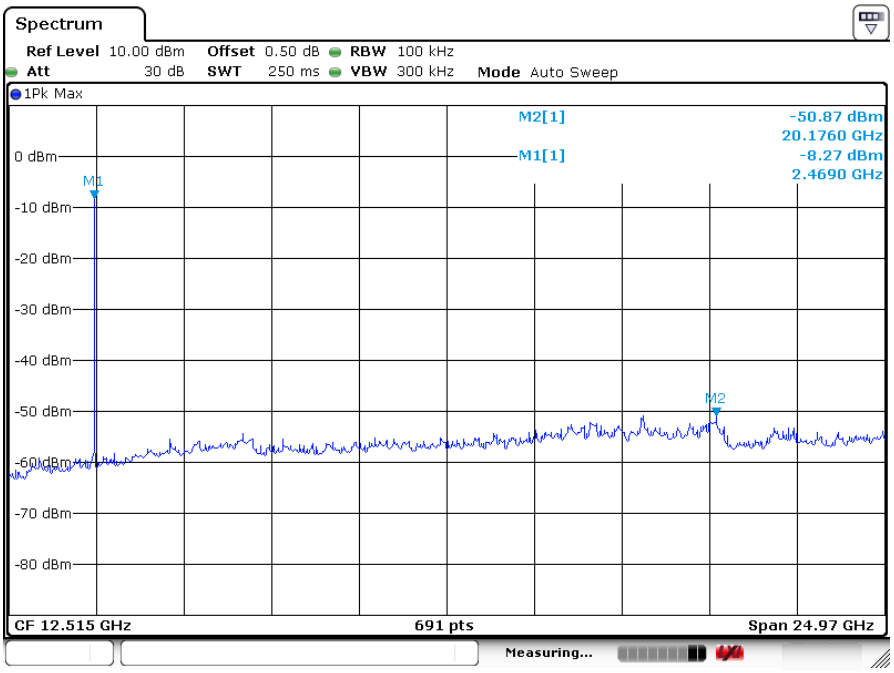
TX 802.11b Channel Low 2412MHz



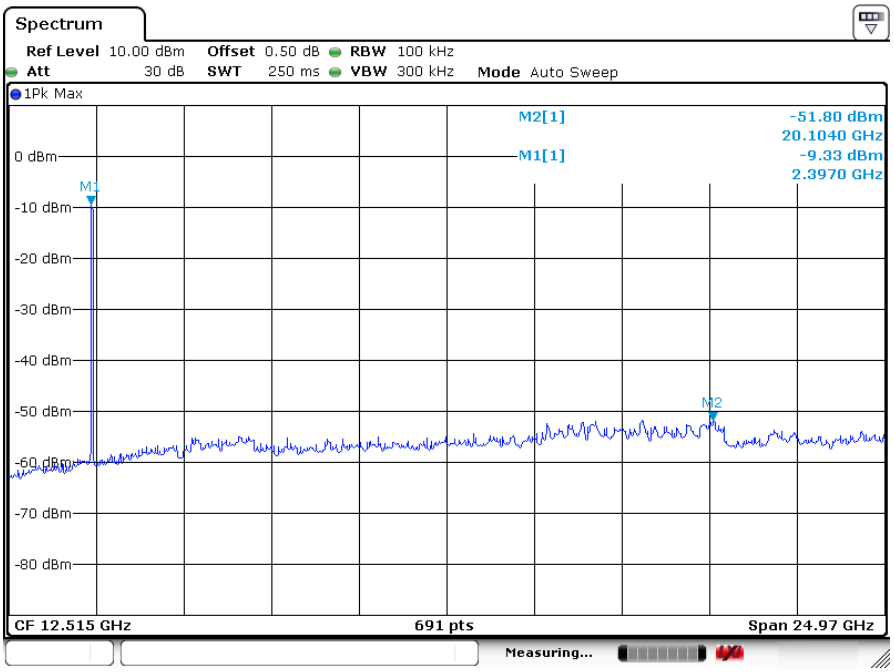
TX 802.11b Channel Middle 2437MHz



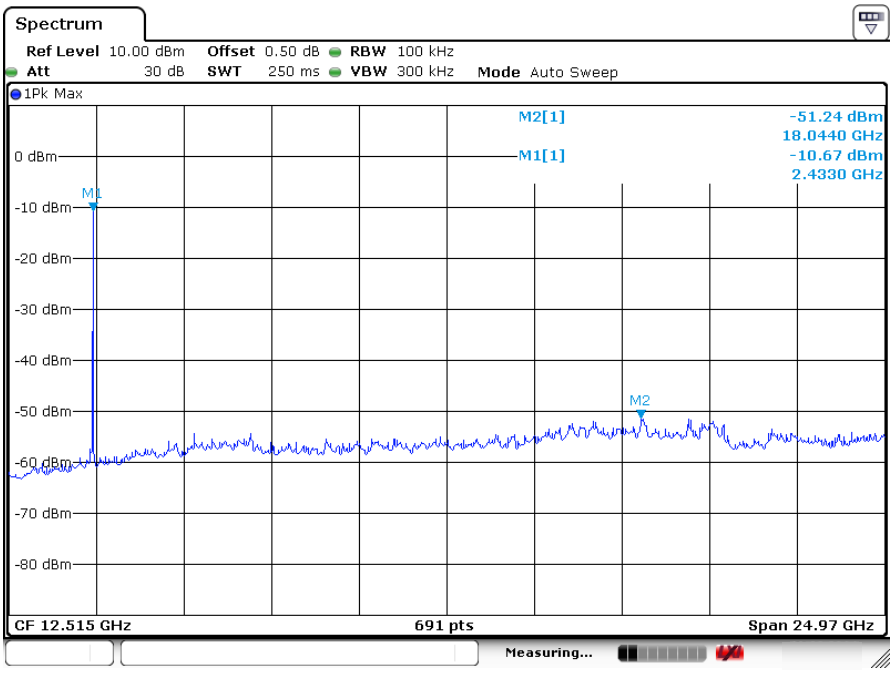
TX 802.11b Channel High 2462MHz



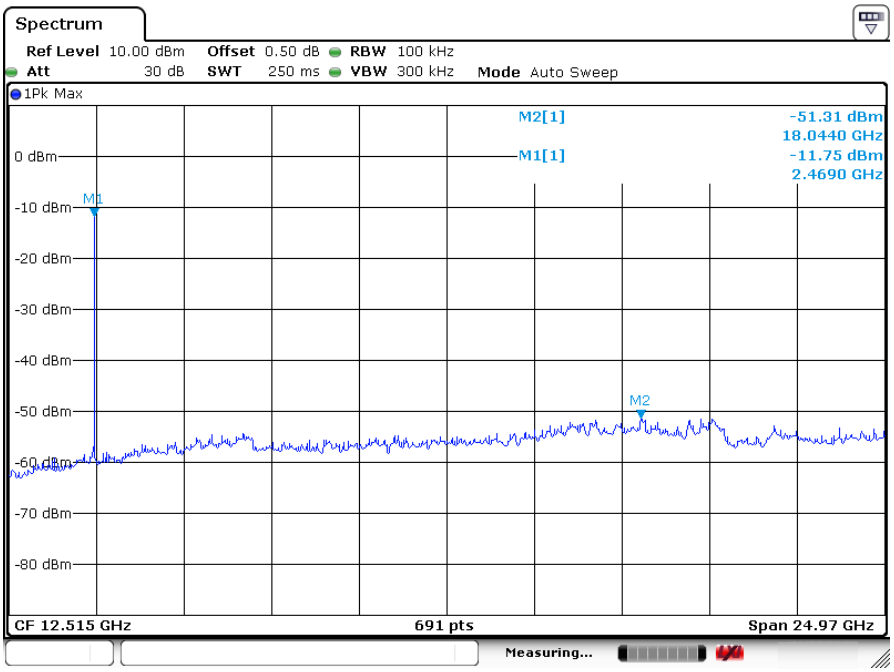
TX 802.11g Channel Low 2412MHz



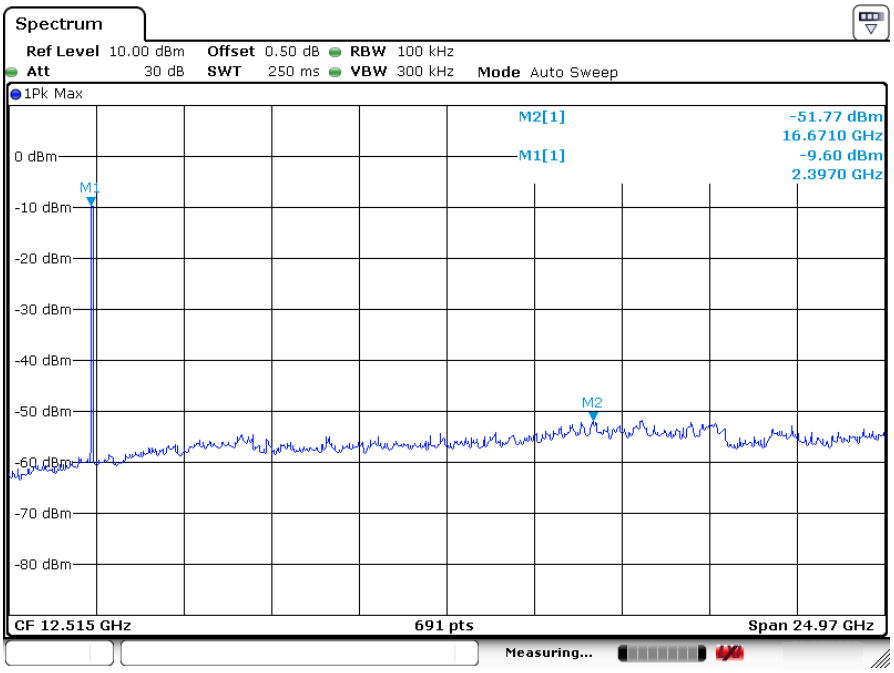
TX 802.11g Channel Middle 2437MHz



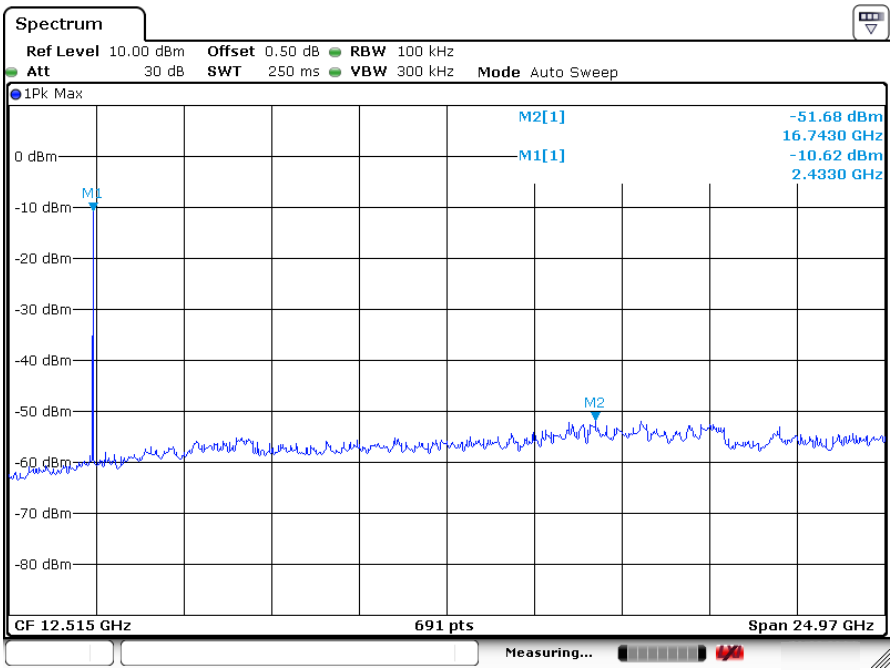
TX 802.11g Channel High 2462MHz



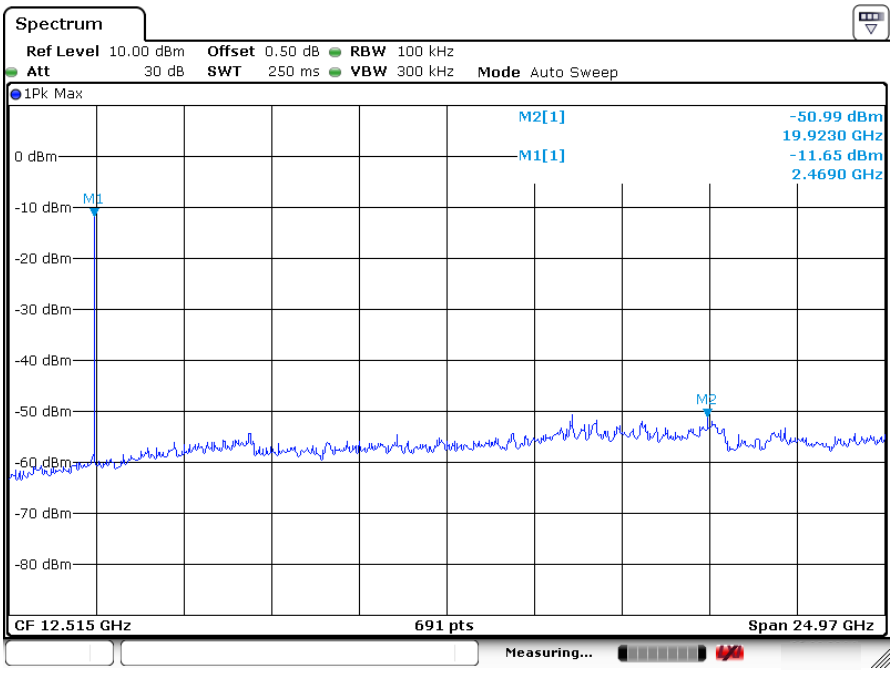
TX 802.11n Channel Low 2412MHz (20MHz)



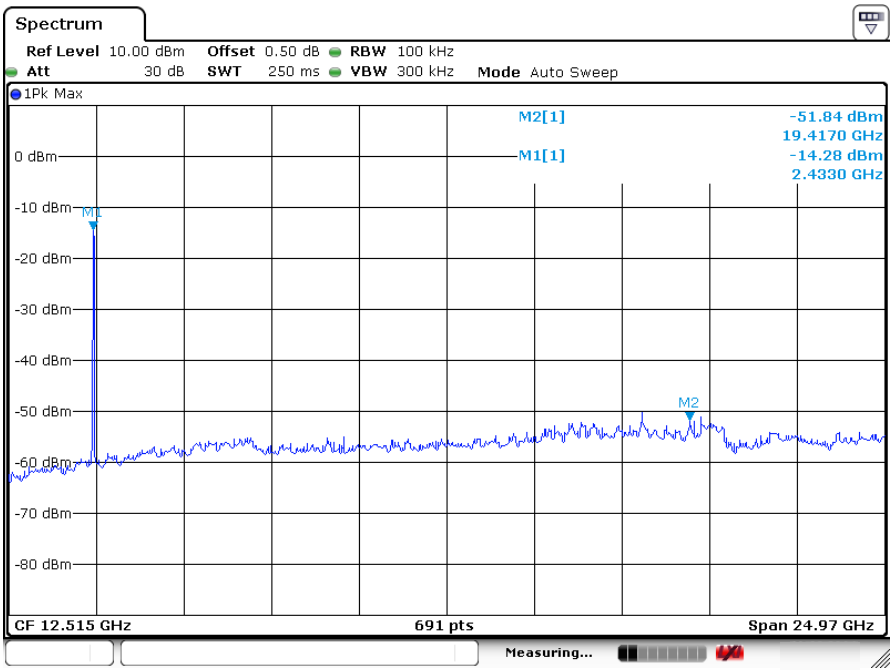
TX 802.11n Channel Middle 2437MHz (20MHz)



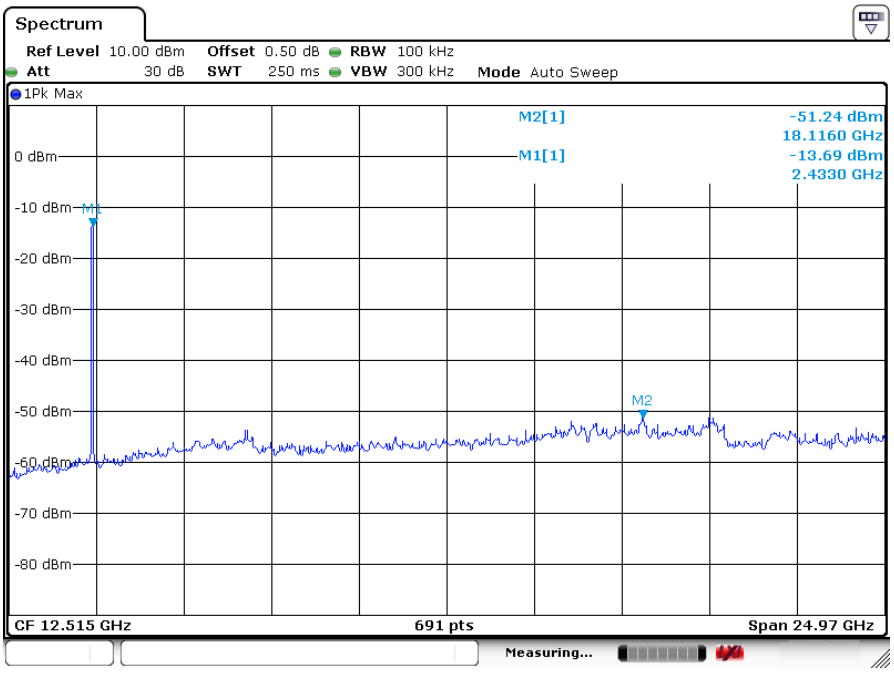
TX 802.11n Channel High 2462MHz (20MHz)



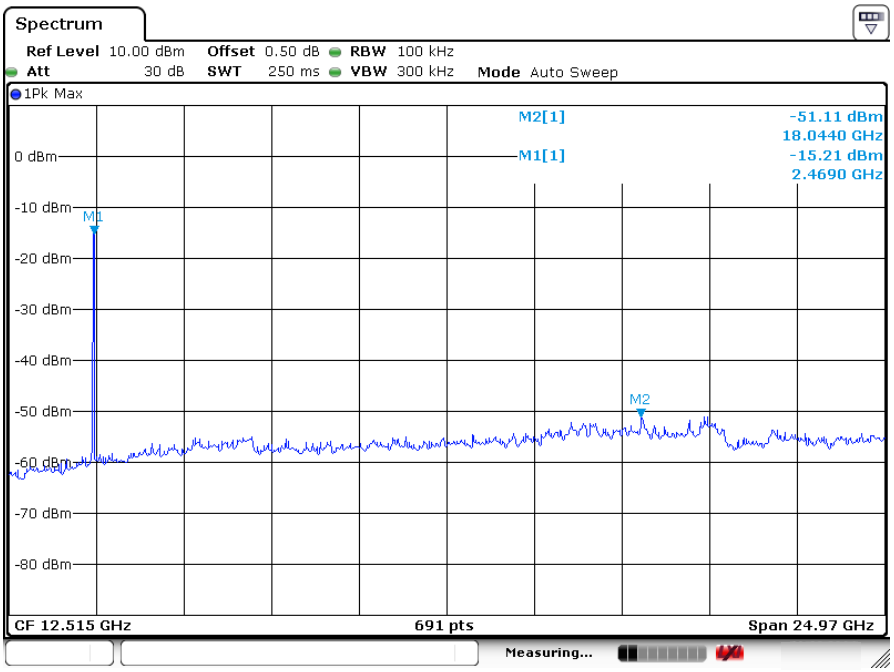
TX 802.11n Channel Low 2422MHz (40MHz)



TX 802.11n Channel Middle 2437MHz (40MHz)



TX 802.11n Channel High 2452MHz (40MHz)



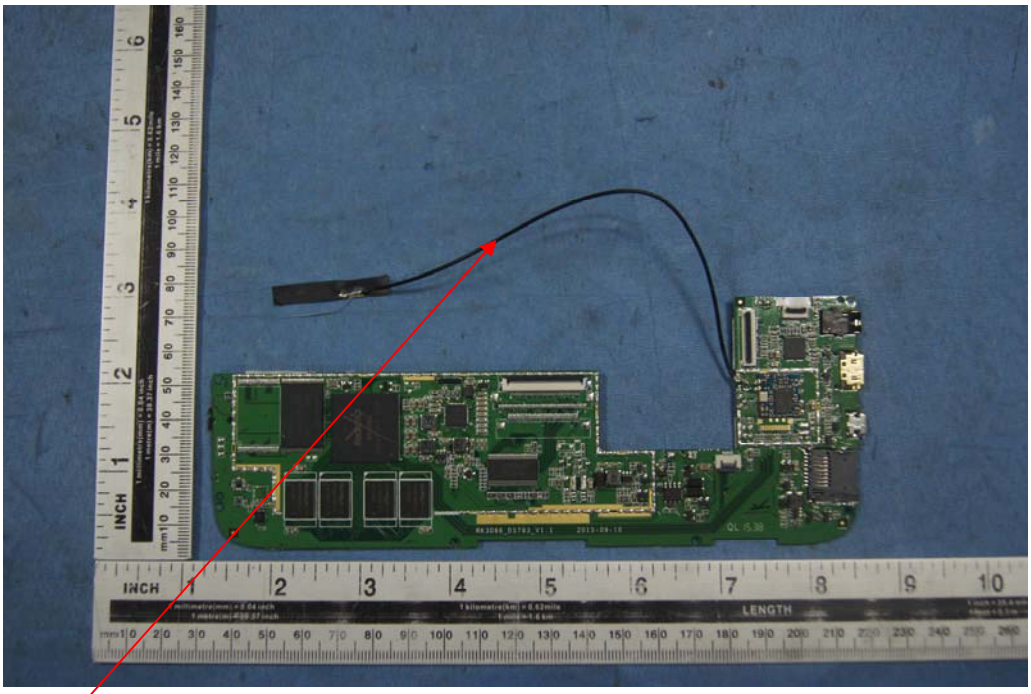
12. ANTENNA REQUIREMENT

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 permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 0dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna