

Above 1G



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.: STAR2017 #8

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: WIFI module

Mode: TX Channel 1(802.11b)

Model: WP0DR1110

Manufacturer: Prima

Polarization: Horizontal

Power Source: DC 3.3V

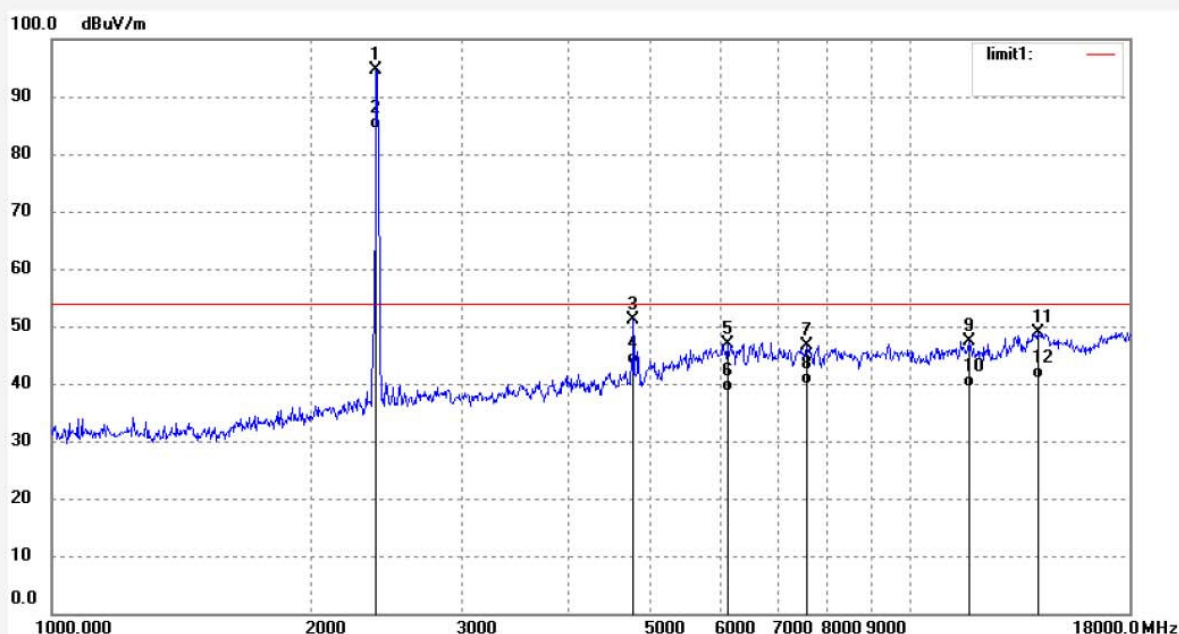
Date: 17/02/21/

Time: 14/52/37

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170115

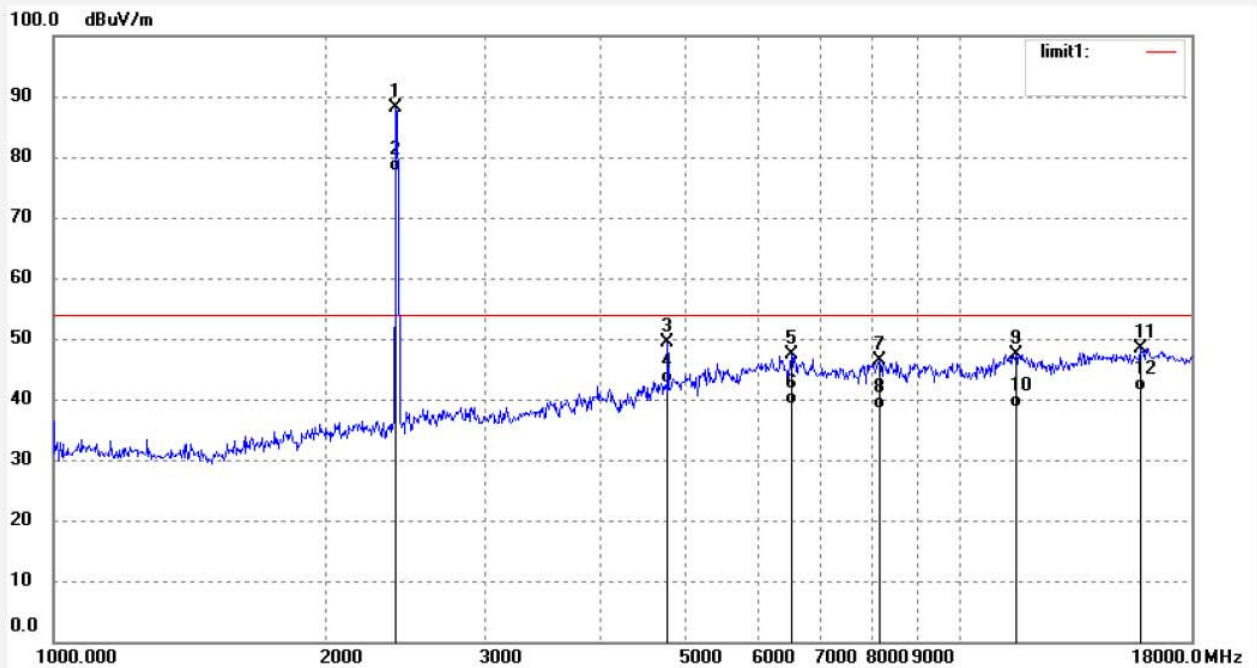


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.659	100.45	-5.91	94.54			peak			
2	2412.659	90.41	-5.91	84.50			AVG			
3	4824.584	47.95	3.30	51.25	74.00	-22.75	peak			
4	4824.584	40.15	3.30	43.45	54.00	-10.55	AVG			
5	6131.230	40.26	6.65	46.91	74.00	-27.09	peak			
6	6131.230	32.01	6.65	38.66	54.00	-15.34	AVG			
7	7582.780	37.05	9.52	46.57	74.00	-27.43	peak			
8	7582.780	30.47	9.52	39.99	54.00	-14.01	AVG			
9	11699.910	31.24	16.10	47.34	74.00	-26.66	peak			
10	11699.910	23.24	16.10	39.34	54.00	-14.66	AVG			
11	14095.689	-3.27	52.04	48.77	74.00	-25.23	peak			
12	14095.689	-11.27	52.04	40.77	54.00	-13.23	AVG			

Job No.: STAR2017 #7
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 1(802.11b)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 14/51/11
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

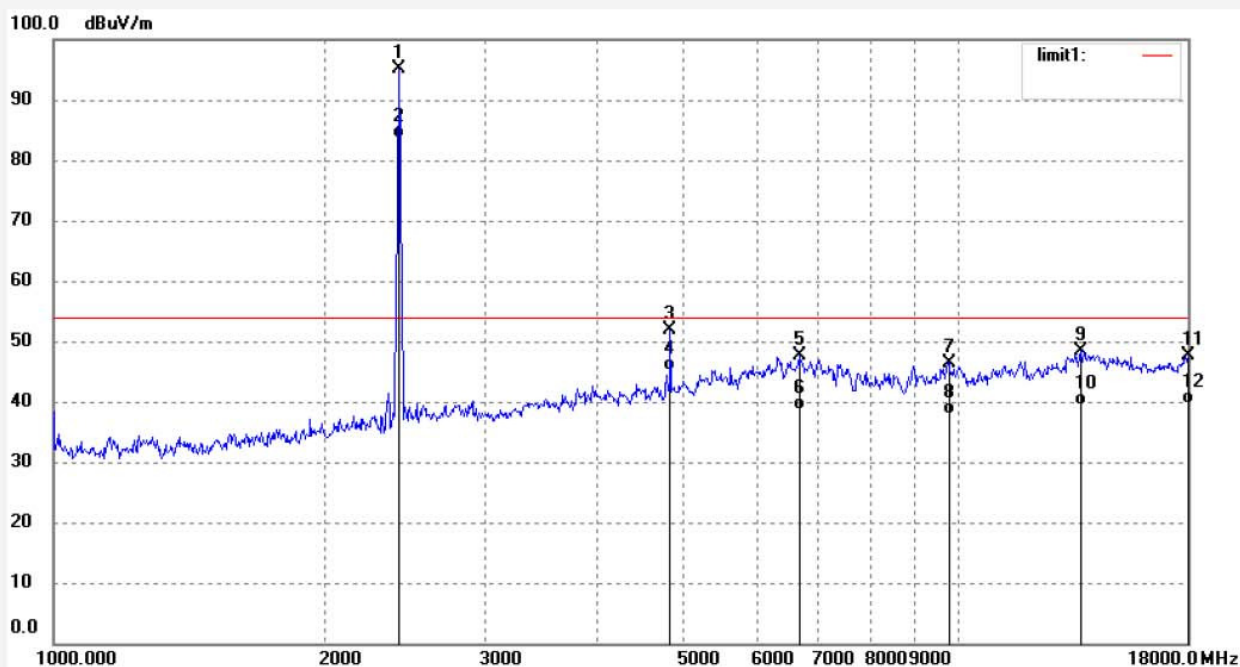


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.659	93.93	-5.91	88.02			peak			
2	2412.659	83.45	-5.91	77.54			AVG			
3	4824.584	46.20	3.30	49.50	74.00	-24.50	peak			
4	4824.584	39.25	3.30	42.55	54.00	-11.45	AVG			
5	6517.697	39.49	7.81	47.30	74.00	-26.70	peak			
6	6517.697	31.40	7.81	39.21	54.00	-14.79	AVG			
7	8155.141	33.93	12.40	46.33	74.00	-27.67	peak			
8	8155.141	26.10	12.40	38.50	54.00	-15.50	AVG			
9	11530.866	32.01	15.37	47.38	74.00	-26.62	peak			
10	11530.866	23.24	15.37	38.61	54.00	-15.39	AVG			
11	15790.179	-5.29	53.70	48.41	74.00	-25.59	peak			
12	15790.179	-12.29	53.70	41.41	54.00	-12.59	AVG			

Job No.: STAR2017 #9
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 6(802.11b)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 14/55/35
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	100.96	-5.76	95.20			peak			
2	2437.600	89.42	-5.76	83.66			AVG			
3	4874.324	48.32	3.67	51.99	74.00	-22.01	peak			
4	4874.324	41.45	3.67	45.12	54.00	-8.88	AVG			
5	6690.695	39.45	8.28	47.73	74.00	-26.27	peak			
6	6690.695	30.45	8.28	38.73	54.00	-15.27	AVG			
7	9796.504	32.73	13.77	46.50	74.00	-27.50	peak			
8	9796.504	24.21	13.77	37.98	54.00	-16.02	AVG			
9	13691.313	-2.75	51.16	48.41	74.00	-25.59	peak			
10	13691.313	-11.75	51.16	39.41	54.00	-14.59	AVG			
11	18000.000	-13.11	60.80	47.69	74.00	-26.31	peak			
12	18000.000	-21.11	60.80	39.69	54.00	-14.31	AVG			



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Site: 1# Chamber

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Job No.: STAR2017 #10

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: WIFI module

Mode: TX Channel 6(802.11b)

Model: WP0DR1110

Manufacturer: Prima

Polarization: Vertical

Power Source: DC 3.3V

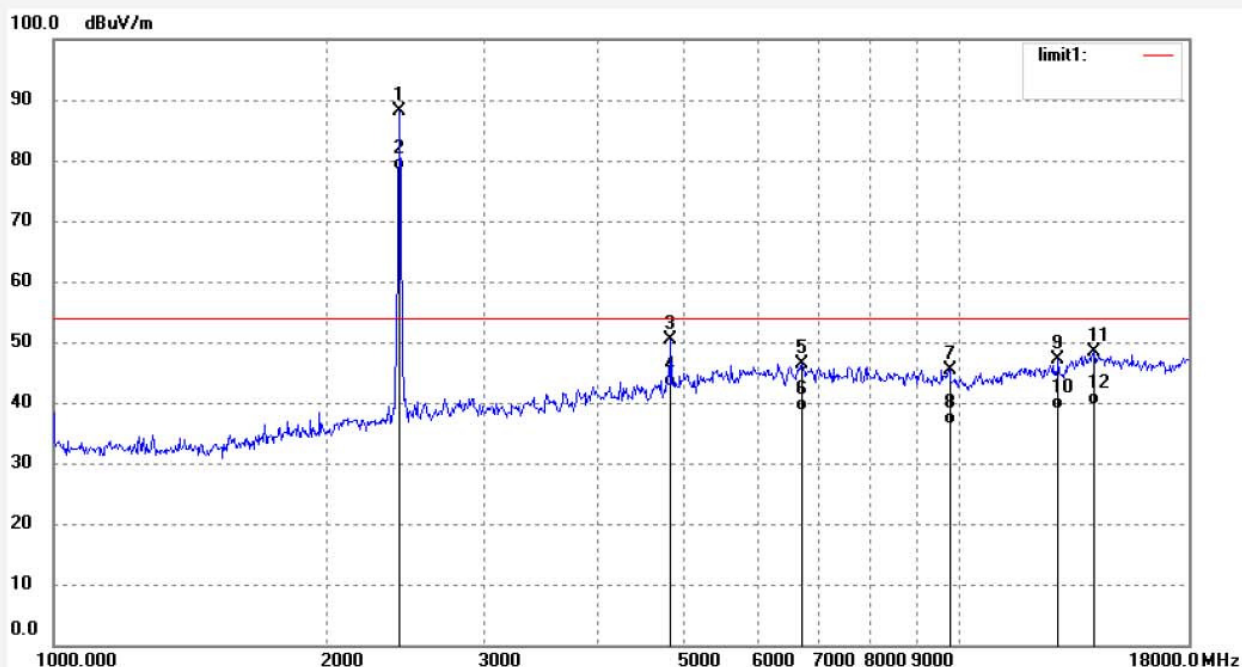
Date: 17/02/21/

Time: 14/58/09

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170115

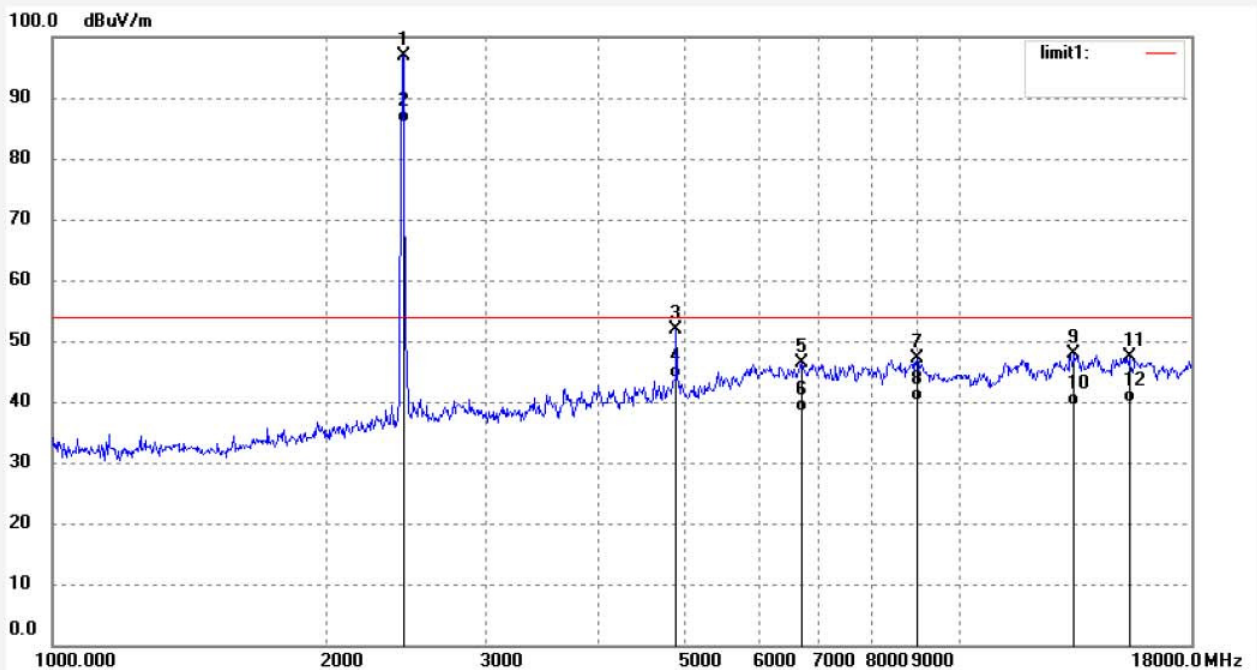


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	93.96	-5.76	88.20			peak			
2	2437.600	84.10	-5.76	78.34			AVG			
3	4874.324	46.82	3.67	50.49	74.00	-23.51	peak			
4	4874.324	38.97	3.67	42.64	54.00	-11.36	AVG			
5	6729.759	37.95	8.46	46.41	74.00	-27.59	peak			
6	6729.759	30.14	8.46	38.60	54.00	-15.40	AVG			
7	9796.504	31.73	13.77	45.50	74.00	-28.50	peak			
8	9796.504	22.57	13.77	36.34	54.00	-17.66	AVG			
9	12917.030	-3.35	50.38	47.03	74.00	-26.97	peak			
10	12917.030	-11.41	50.38	38.97	54.00	-15.03	AVG			
11	14136.778	-3.99	52.28	48.29	74.00	-25.71	peak			
12	14136.778	-12.57	52.28	39.71	54.00	-14.29	AVG			

Job No.: STAR2017 #12
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 11(802.11b)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/05/20
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

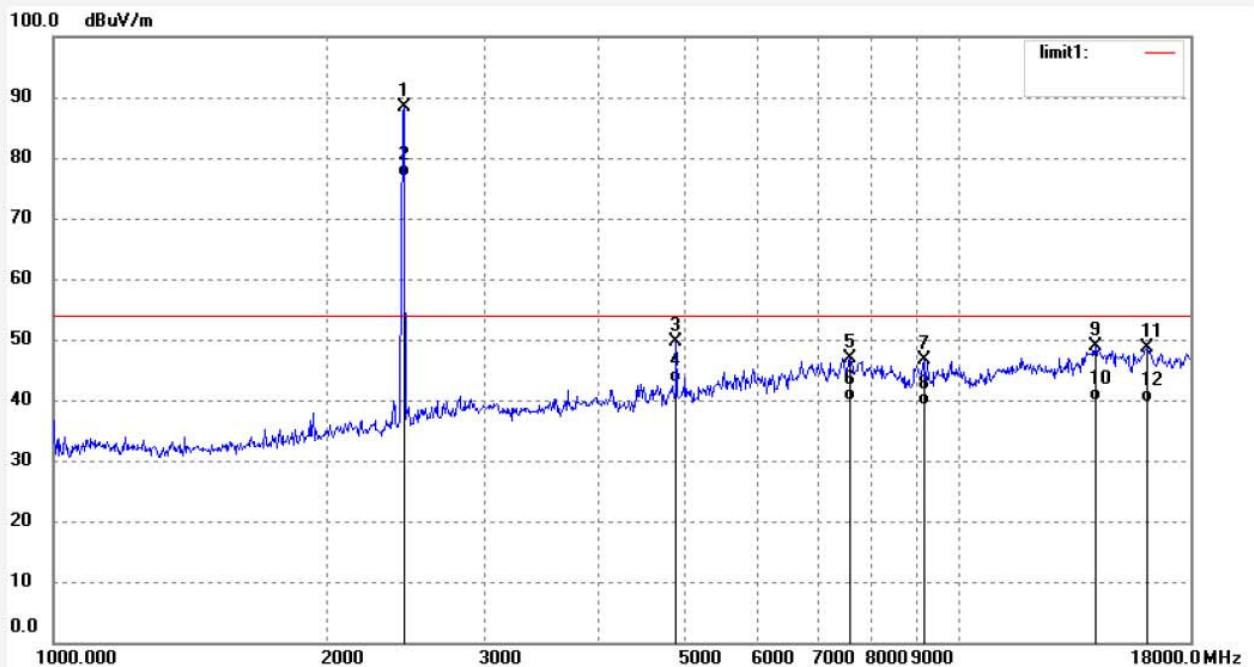


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	102.59	-5.61	96.98			peak			
2	2462.807	91.47	-5.61	85.86			AVG			
3	4924.717	47.65	4.20	51.85	74.00	-22.15	peak			
4	4924.717	39.70	4.20	43.90	54.00	-10.10	AVG			
5	6690.695	38.21	8.28	46.49	74.00	-27.51	peak			
6	6690.695	30.14	8.28	38.42	54.00	-15.58	AVG			
7	8977.336	35.82	11.42	47.24	74.00	-26.76	peak			
8	8977.336	28.64	11.42	40.06	54.00	-13.94	AVG			
9	13376.181	-2.91	50.86	47.95	74.00	-26.05	peak			
10	13376.181	-11.40	50.86	39.46	54.00	-14.54	AVG			
11	15381.899	-5.96	53.35	47.39	74.00	-26.61	peak			
12	15381.899	-13.54	53.35	39.81	54.00	-14.19	AVG			

Job No.: STAR2017 #11
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 11(802.11b)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/03/30
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

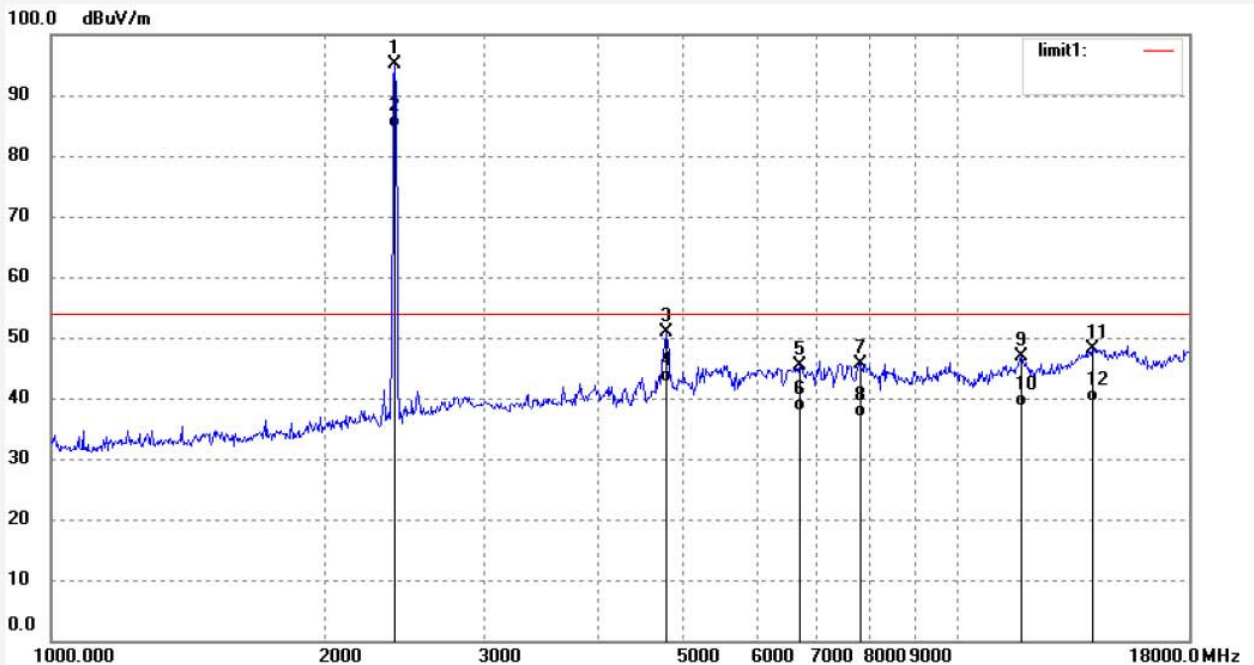


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	94.10	-5.61	88.49			peak			
2	2462.807	82.40	-5.61	76.79			AVG			
3	4924.717	45.37	4.20	49.57	74.00	-24.43	peak			
4	4924.717	38.67	4.20	42.87	54.00	-11.13	AVG			
5	7582.780	37.42	9.52	46.94	74.00	-27.06	peak			
6	7582.780	30.40	9.52	39.92	54.00	-14.08	AVG			
7	9135.498	35.02	11.70	46.72	74.00	-27.28	peak			
8	9135.498	27.40	11.70	39.10	54.00	-14.90	AVG			
9	14136.778	-3.52	52.28	48.76	74.00	-25.24	peak			
10	14136.778	-12.52	52.28	39.76	54.00	-14.24	AVG			
11	16115.207	-5.39	53.98	48.59	74.00	-25.41	peak			
12	16115.207	-14.42	53.98	39.56	54.00	-14.44	AVG			

Job No.: STAR2017 #13
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 1(802.11g)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/10/29
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

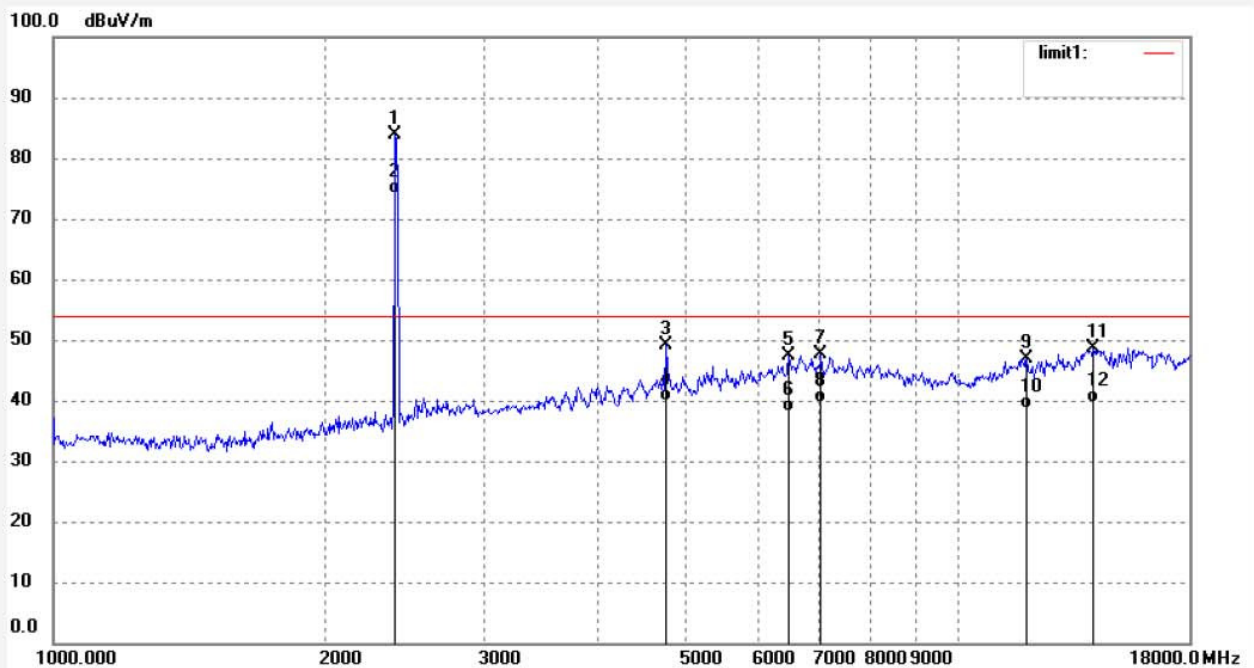


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	101.07	-5.84	95.23			peak			
2	2412.619	90.45	-5.84	84.61			AVG			
3	4824.459	47.48	3.37	50.85	74.00	-23.15	peak			
4	4824.459	39.24	3.37	42.61	54.00	-11.39	AVG			
5	6690.695	37.20	8.28	45.48	74.00	-28.52	peak			
6	6690.695	29.64	8.28	37.92	54.00	-16.08	AVG			
7	7829.496	34.83	10.82	45.65	74.00	-28.35	peak			
8	7829.496	26.10	10.82	36.92	54.00	-17.08	AVG			
9	11768.220	30.34	16.57	46.91	74.00	-27.09	peak			
10	11768.220	22.00	16.57	38.57	54.00	-15.43	AVG			
11	14095.689	-3.79	52.04	48.25	74.00	-25.75	peak			
12	14095.689	-12.74	52.04	39.30	54.00	-14.70	AVG			

Job No.: STAR2017 #14
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 1(802.11g)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/13/56
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

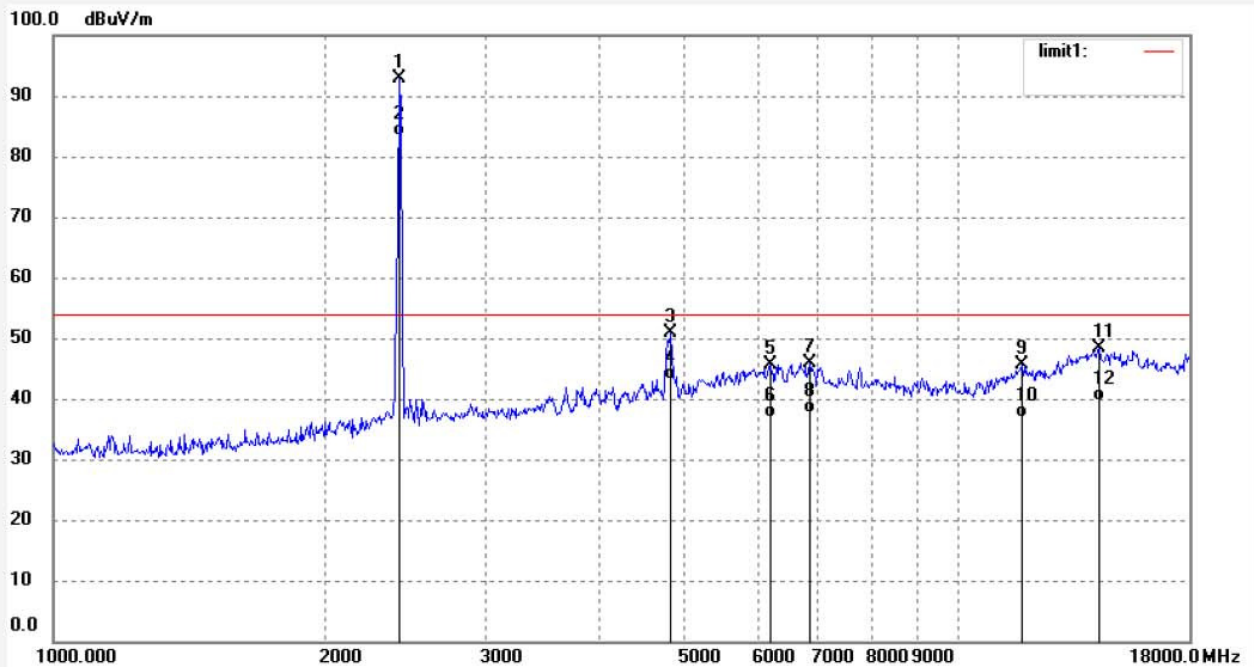


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.659	89.71	-5.91	83.80			peak			
2	2412.659	80.10	-5.91	74.19			AVG			
3	4824.751	45.97	3.23	49.20	74.00	-24.80	peak			
4	4824.751	36.70	3.23	39.93	54.00	-14.07	AVG			
5	6498.753	39.68	7.80	47.48	74.00	-26.52	peak			
6	6498.753	30.44	7.80	38.24	54.00	-15.76	AVG			
7	7050.590	38.53	9.00	47.53	74.00	-26.47	peak			
8	7050.590	30.57	9.00	39.57	54.00	-14.43	AVG			
9	11906.038	30.93	16.00	46.93	74.00	-27.07	peak			
10	11906.038	22.65	16.00	38.65	54.00	-15.35	AVG			
11	14095.689	-3.51	52.04	48.53	74.00	-25.47	peak			
12	14095.689	-12.36	52.04	39.68	54.00	-14.32	AVG			

Job No.: STAR2017 #16
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 6(802.11g)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/19/21
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

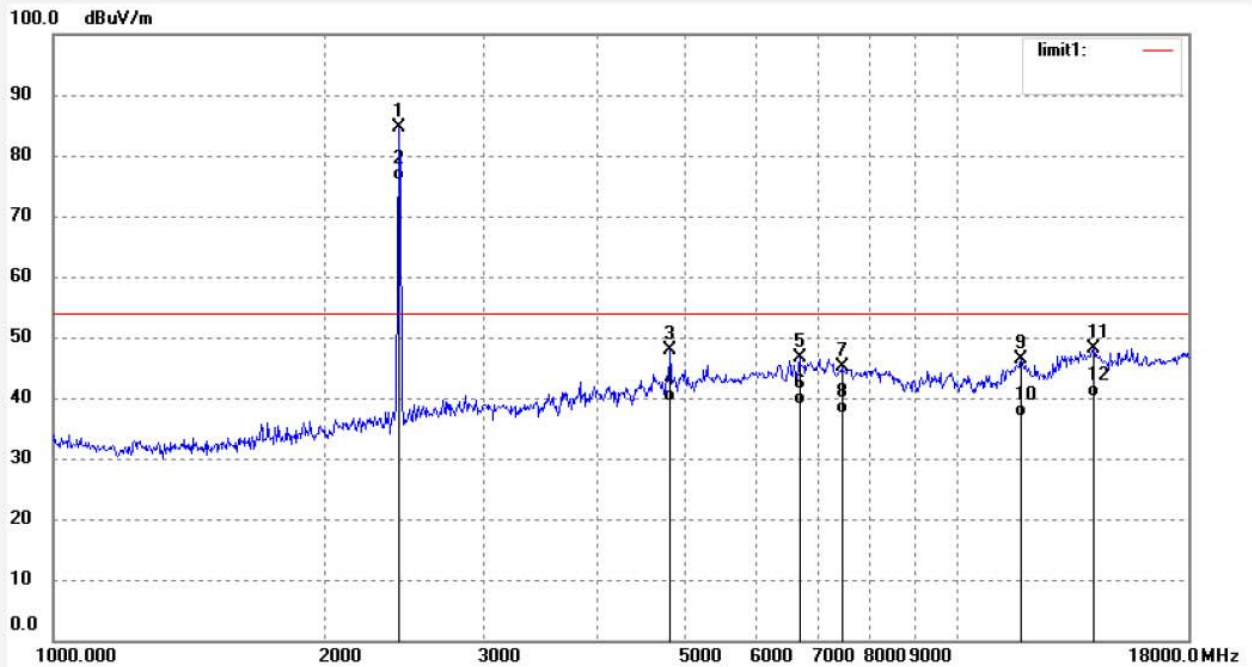


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	98.56	-5.76	92.80			peak			
2	2437.600	89.10	-5.76	83.34			AVG			
3	4874.324	47.17	3.67	50.84	74.00	-23.16	peak			
4	4874.324	39.40	3.67	43.07	54.00	-10.93	AVG			
5	6203.033	38.97	6.73	45.70	74.00	-28.30	peak			
6	6203.033	30.11	6.73	36.84	54.00	-17.16	AVG			
7	6848.323	37.07	8.90	45.97	74.00	-28.03	peak			
8	6848.323	28.67	8.90	37.57	54.00	-16.43	AVG			
9	11768.220	29.13	16.57	45.70	74.00	-28.30	peak			
10	11768.220	20.41	16.57	36.98	54.00	-17.02	AVG			
11	14302.334	-4.90	53.22	48.32	74.00	-25.68	peak			
12	14302.334	-13.54	53.22	39.68	54.00	-14.32	AVG			

Job No.: STAR2017 #15
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 6(802.11g)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/15/34
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

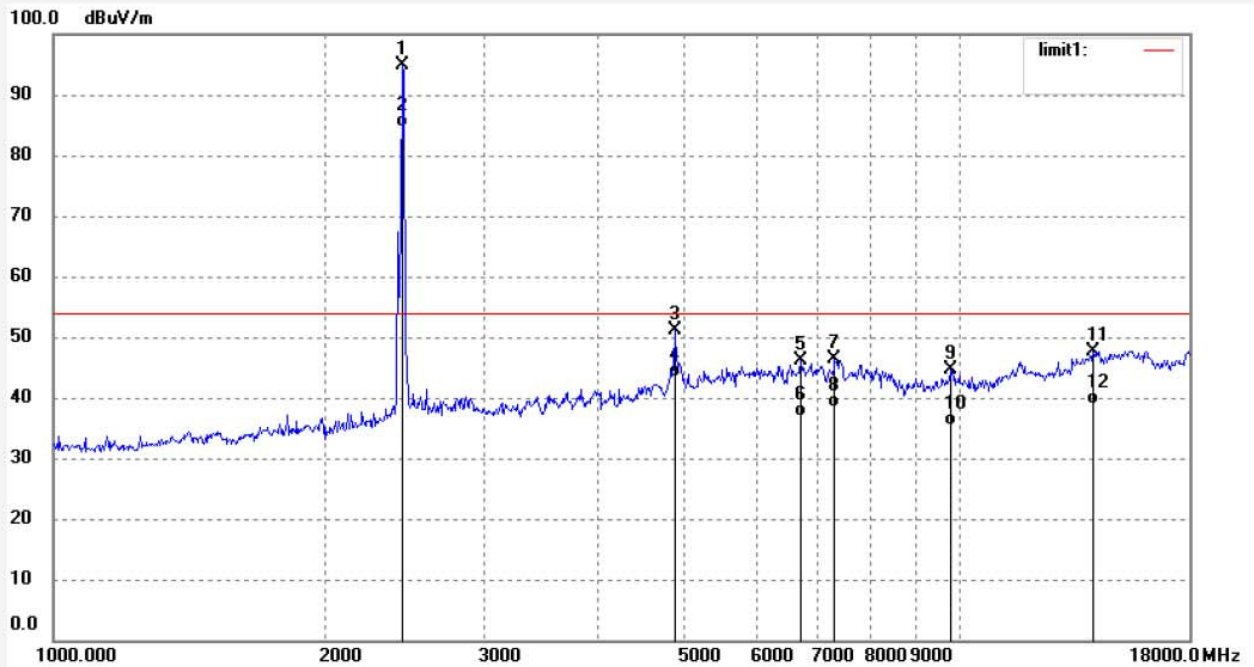


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	90.37	-5.76	84.61			peak			
2	2437.600	81.57	-5.76	75.81			AVG			
3	4874.324	44.27	3.67	47.94	74.00	-26.06	peak			
4	4874.324	35.64	3.67	39.31	54.00	-14.69	AVG			
5	6690.695	38.28	8.28	46.56	74.00	-27.44	peak			
6	6690.695	30.51	8.28	38.79	54.00	-15.21	AVG			
7	7451.501	36.44	8.79	45.23	74.00	-28.77	peak			
8	7451.501	28.60	8.79	37.39	54.00	-16.61	AVG			
9	11768.220	29.83	16.57	46.40	74.00	-27.60	peak			
10	11768.220	20.35	16.57	36.92	54.00	-17.08	AVG			
11	14136.778	-4.08	52.28	48.20	74.00	-25.80	peak			
12	14136.778	-12.11	52.28	40.17	54.00	-13.83	AVG			

Job No.: STAR2017 #17
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 11(802.11g)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/21/32
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

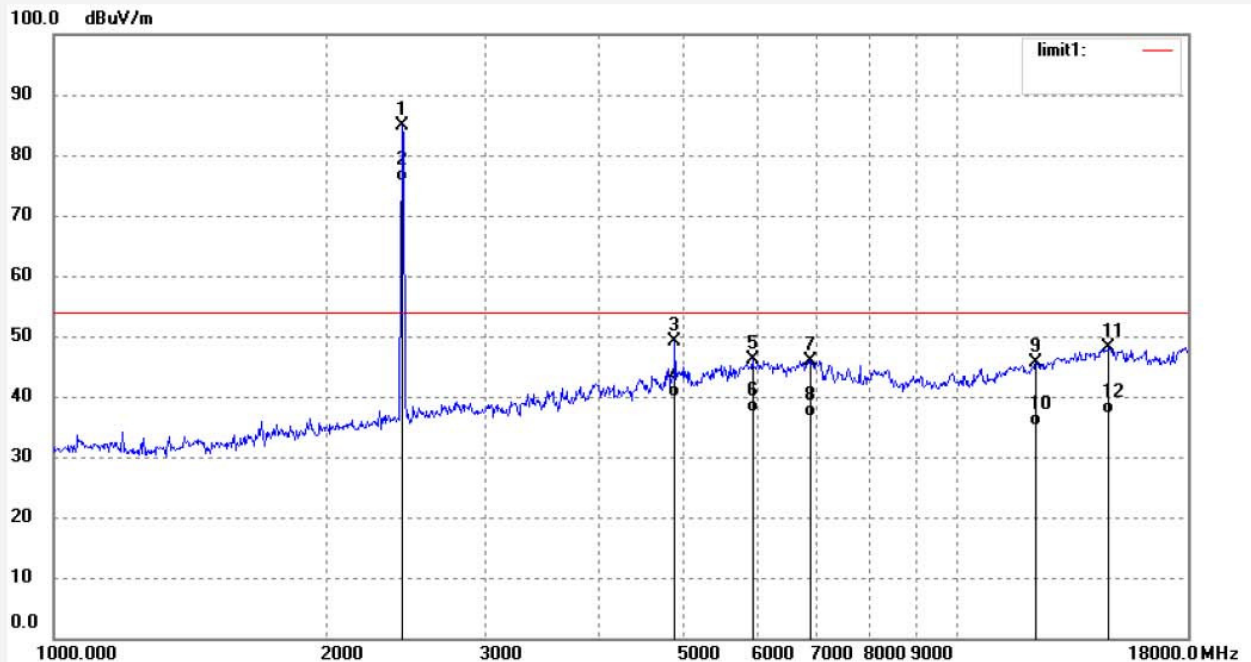


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.724	100.61	-5.65	94.96			peak			
2	2462.724	90.27	-5.65	84.62			AVG			
3	4924.557	47.00	4.06	51.06	74.00	-22.94	peak			
4	4924.557	39.24	4.06	43.30	54.00	-10.70	AVG			
5	6690.695	37.83	8.28	46.11	74.00	-27.89	peak			
6	6690.695	28.60	8.28	36.88	54.00	-17.12	AVG			
7	7301.211	38.14	8.30	46.44	74.00	-27.56	peak			
8	7301.211	30.07	8.30	38.37	54.00	-15.63	AVG			
9	9796.504	30.80	13.77	44.57	74.00	-29.43	peak			
10	9796.504	21.67	13.77	35.44	54.00	-18.56	AVG			
11	14095.689	-4.35	52.04	47.69	74.00	-26.31	peak			
12	14095.689	-13.22	52.04	38.82	54.00	-15.18	AVG			

Job No.: STAR2017 #18
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 11(802.11g)
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/23/49
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

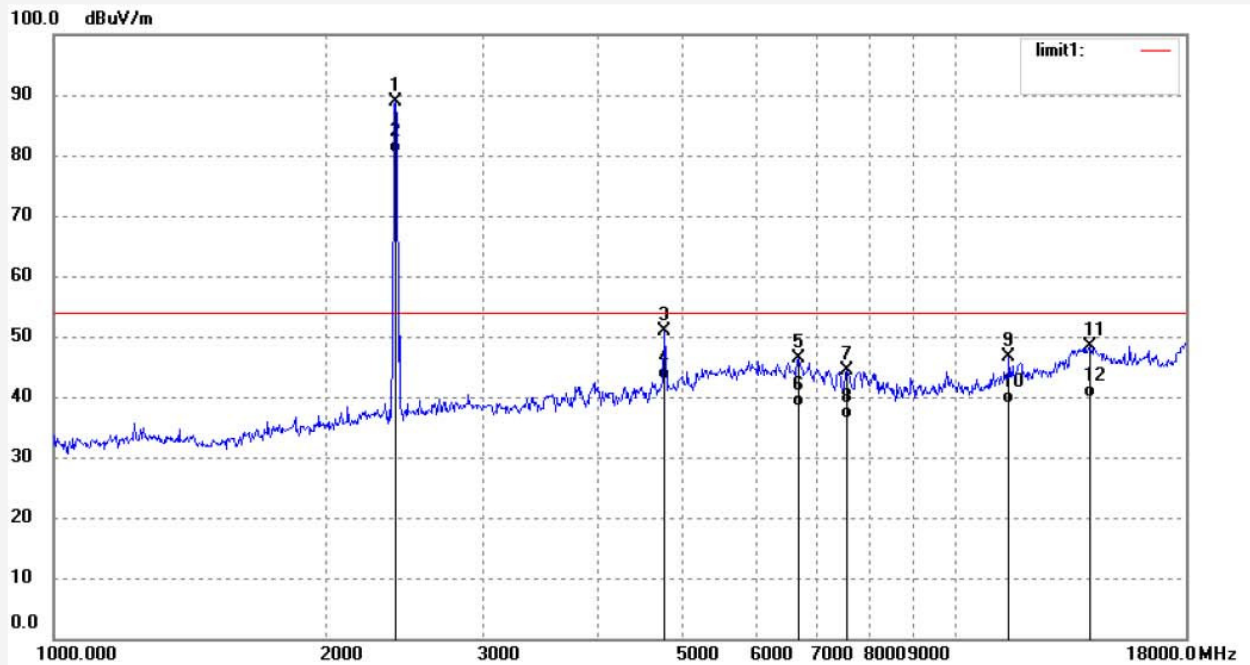


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.724	90.47	-5.65	84.82			peak			
2	2462.724	81.17	-5.65	75.52			AVG			
3	4924.717	44.87	4.20	49.07	74.00	-24.93	peak			
4	4924.717	35.62	4.20	39.82	54.00	-14.18	AVG			
5	5938.028	39.75	6.29	46.04	74.00	-27.96	peak			
6	5938.028	31.08	6.29	37.37	54.00	-16.63	AVG			
7	6888.306	36.93	9.01	45.94	74.00	-28.06	peak			
8	6888.306	27.64	9.01	36.65	54.00	-17.35	AVG			
9	12222.059	-2.90	48.63	45.73	74.00	-28.27	peak			
10	12222.059	-13.57	48.63	35.06	54.00	-18.94	AVG			
11	14724.757	-5.85	53.97	48.12	74.00	-25.88	peak			
12	14724.757	-16.80	53.97	37.17	54.00	-16.83	AVG			

Job No.: STAR2017 #20
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 1(802.11n)20MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/28/37
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

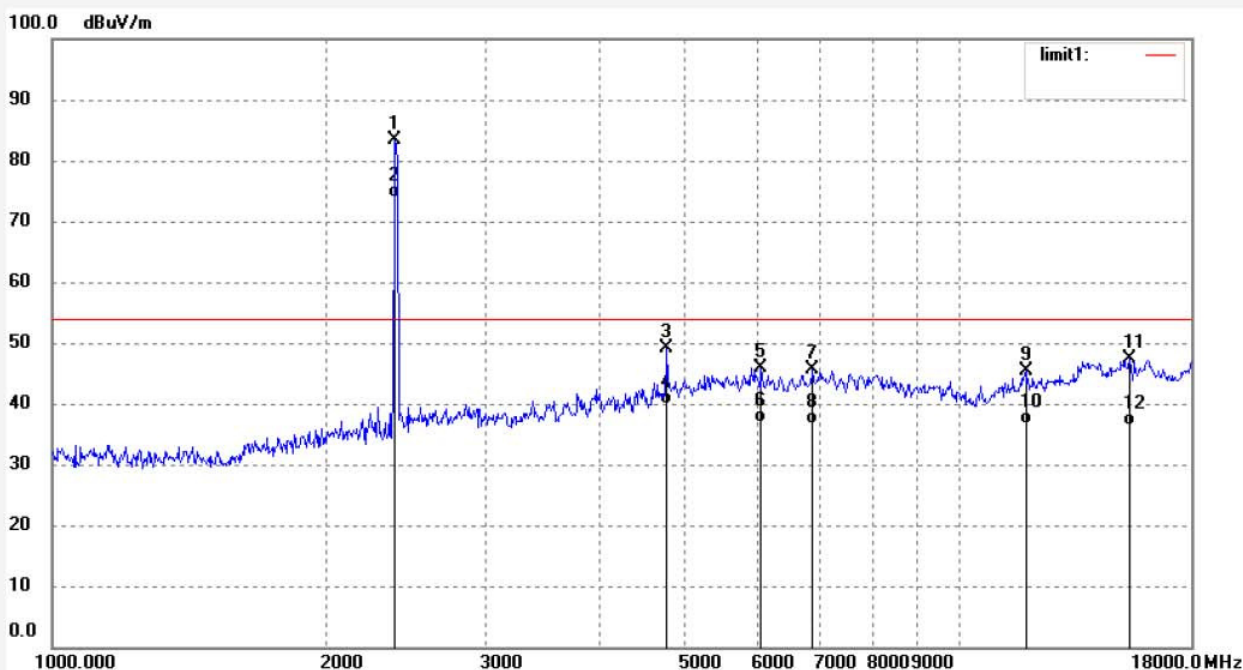


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.619	94.76	-5.84	88.92			peak			
2	2412.619	86.10	-5.84	80.26			AVG			
3	4824.584	47.62	3.30	50.92	74.00	-23.08	peak			
4	4824.584	39.64	3.30	42.94	54.00	-11.06	AVG			
5	6690.695	38.13	8.28	46.41	74.00	-27.59	peak			
6	6690.695	30.10	8.28	38.38	54.00	-15.62	AVG			
7	7582.780	34.83	9.52	44.35	74.00	-29.65	peak			
8	7582.780	26.74	9.52	36.26	54.00	-17.74	AVG			
9	11463.934	31.24	15.32	46.56	74.00	-27.44	peak			
10	11463.934	23.64	15.32	38.96	54.00	-15.04	AVG			
11	14095.689	-3.68	52.04	48.36	74.00	-25.64	peak			
12	14095.689	-12.24	52.04	39.80	54.00	-14.20	AVG			

Job No.: STAR2017 #19
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 1(802.11n)20MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/27/24
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.659	89.41	-5.91	83.50			peak			
2	2412.659	79.68	-5.91	73.77			AVG			
3	4824.584	45.82	3.30	49.12	74.00	-24.88	peak			
4	4824.584	36.57	3.30	39.87	54.00	-14.13	AVG			
5	6042.644	39.29	6.55	45.84	74.00	-28.16	peak			
6	6042.644	30.27	6.55	36.82	54.00	-17.18	AVG			
7	6888.306	36.51	9.01	45.52	74.00	-28.48	peak			
8	6888.306	27.68	9.01	36.69	54.00	-17.31	AVG			
9	11836.929	28.77	16.52	45.29	74.00	-28.71	peak			
10	11836.929	20.11	16.52	36.63	54.00	-17.37	AVG			
11	15381.899	-5.98	53.35	47.37	74.00	-26.63	peak			
12	15381.899	-16.89	53.35	36.46	54.00	-17.54	AVG			

Job No.: STAR2017 #21

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: WIFI module

Mode: TX Channel 6(802.11n)20MHz

Model: WP0DR1110

Manufacturer: Prima

Polarization: Horizontal

Power Source: DC 3.3V

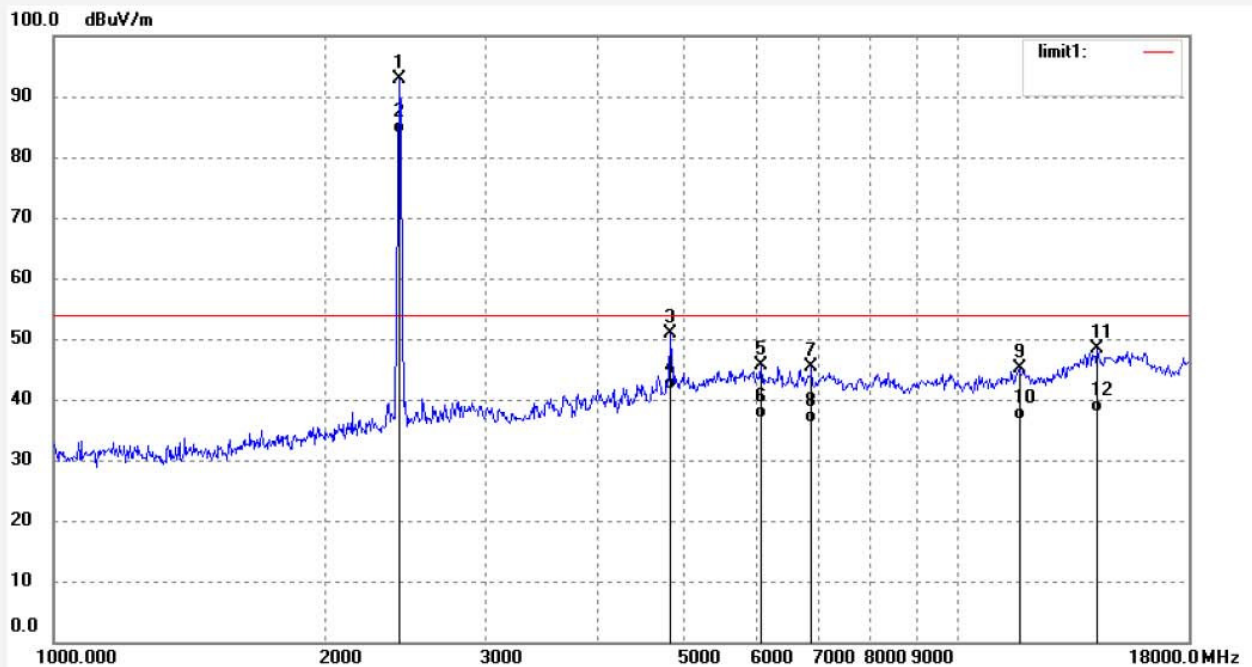
Date: 17/02/21/

Time: 15/30/28

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170115



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	98.71	-5.76	92.95			peak			
2	2437.600	89.67	-5.76	83.91			AVG			
3	4874.328	47.36	3.53	50.89	74.00	-23.11	peak			
4	4874.328	38.22	3.53	41.75	54.00	-12.25	AVG			
5	6060.258	39.00	6.56	45.56	74.00	-28.44	peak			
6	6060.258	30.42	6.56	36.98	54.00	-17.02	AVG			
7	6888.306	36.28	9.01	45.29	74.00	-28.71	peak			
8	6888.306	27.24	9.01	36.25	54.00	-17.75	AVG			
9	11699.910	29.00	16.10	45.10	74.00	-28.90	peak			
10	11699.910	20.64	16.10	36.74	54.00	-17.26	AVG			
11	14260.764	-4.71	52.99	48.28	74.00	-25.72	peak			
12	14260.764	-15.22	52.99	37.77	54.00	-16.23	AVG			

Job No.: STAR2017 #22

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: WIFI module

Mode: TX Channel 6(802.11n)20MHz

Model: WP0DR1110

Manufacturer: Prima

Polarization: Vertical

Power Source: DC 3.3V

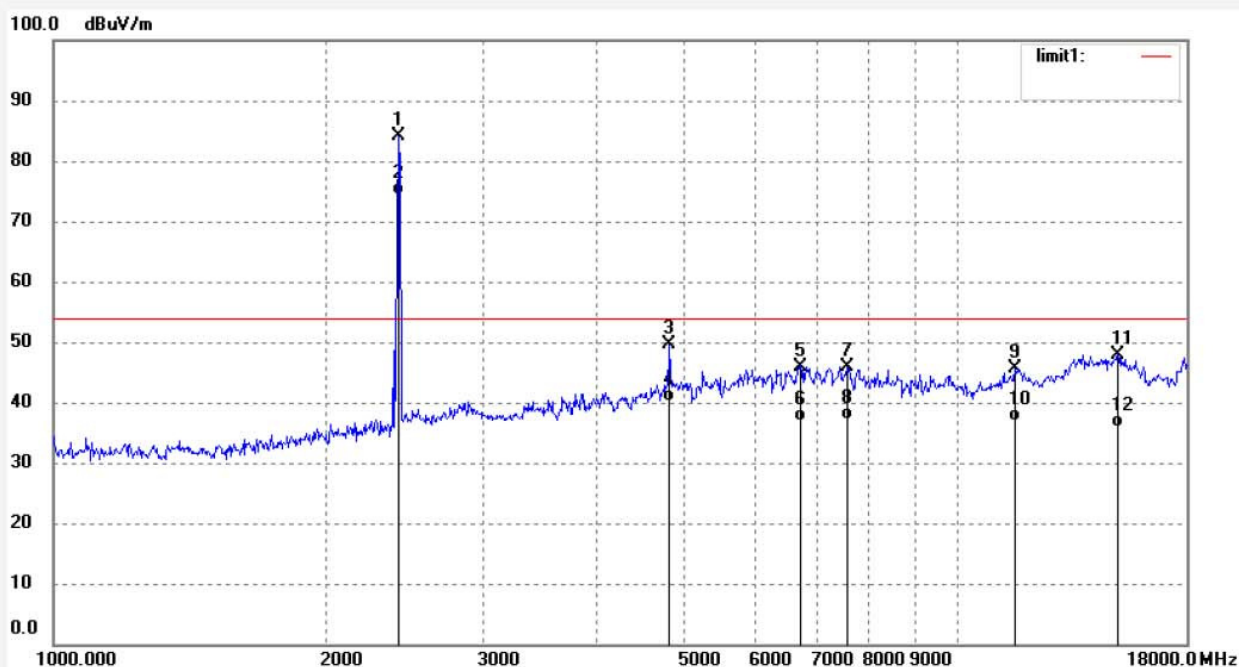
Date: 17/02/21/

Time: 15/32/50

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170115

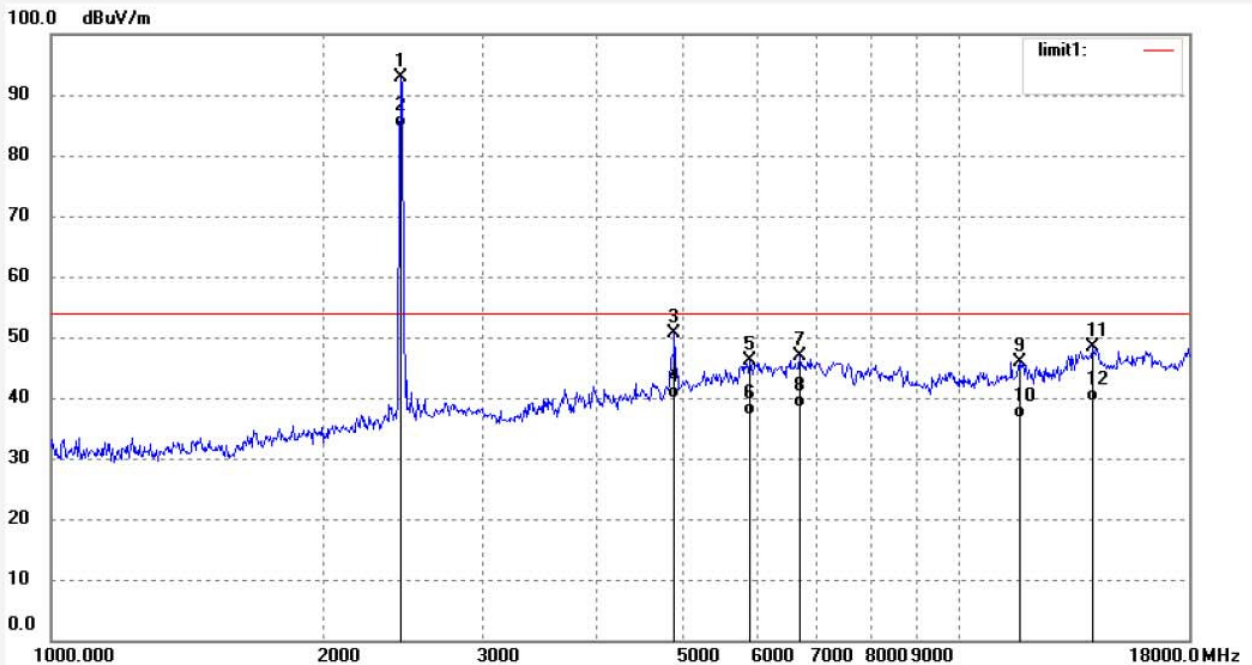


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	89.87	-5.76	84.11			peak			
2	2437.600	80.10	-5.76	74.34			AVG			
3	4874.324	45.84	3.67	49.51	74.00	-24.49	peak			
4	4874.324	36.40	3.67	40.07	54.00	-13.93	AVG			
5	6729.759	37.54	8.46	46.00	74.00	-28.00	peak			
6	6729.759	28.47	8.46	36.93	54.00	-17.07	AVG			
7	7582.780	36.33	9.52	45.85	74.00	-28.15	peak			
8	7582.780	27.68	9.52	37.20	54.00	-16.80	AVG			
9	11631.997	30.10	15.63	45.73	74.00	-28.27	peak			
10	11631.997	21.35	15.63	36.98	54.00	-17.02	AVG			
11	15115.594	-5.45	53.45	48.00	74.00	-26.00	peak			
12	15115.594	-17.54	53.45	35.91	54.00	-18.09	AVG			

Job No.: STAR2017 #24
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 11(802.11n)20MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/36/42
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

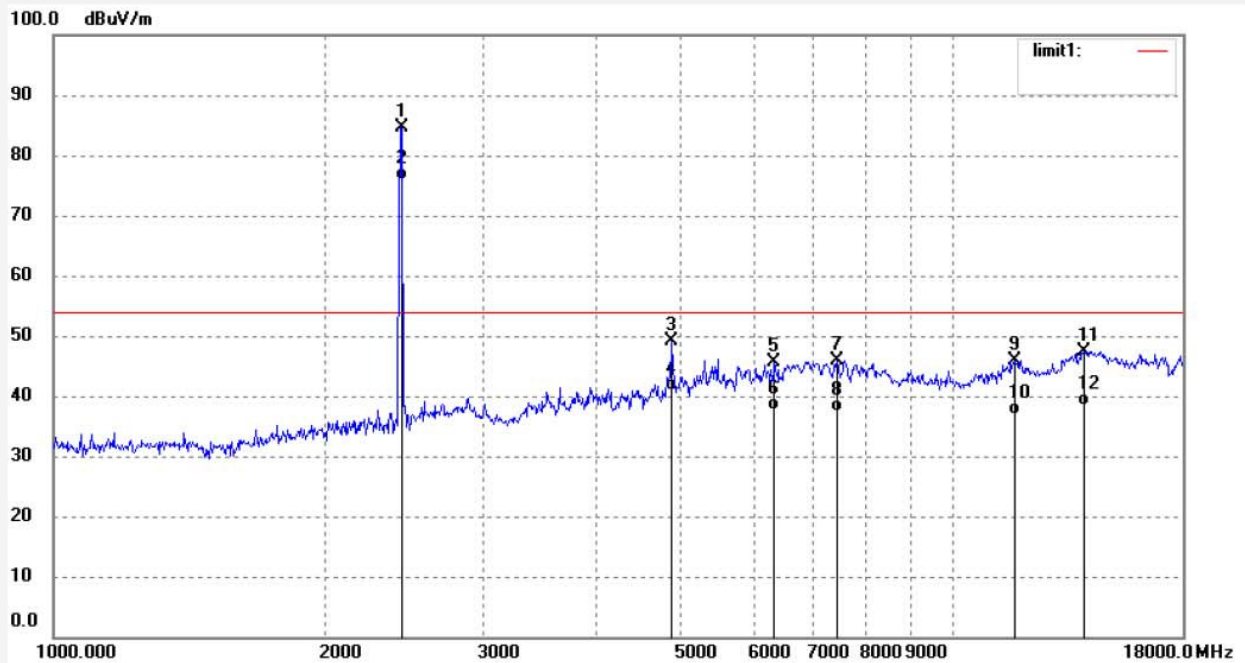


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.724	98.49	-5.65	92.84			peak			
2	2462.724	90.40	-5.65	84.75			AVG			
3	4924.717	46.49	4.20	50.69	74.00	-23.31	peak			
4	4924.717	35.67	4.20	39.87	54.00	-14.13	AVG			
5	5903.560	40.04	6.18	46.22	74.00	-27.78	peak			
6	5903.560	31.04	6.18	37.22	54.00	-16.78	AVG			
7	6690.695	38.51	8.28	46.79	74.00	-27.21	peak			
8	6690.695	30.10	8.28	38.38	54.00	-15.62	AVG			
9	11699.910	29.77	16.10	45.87	74.00	-28.13	peak			
10	11699.910	20.57	16.10	36.67	54.00	-17.33	AVG			
11	14095.689	-3.65	52.04	48.39	74.00	-25.61	peak			
12	14095.689	-12.67	52.04	39.37	54.00	-14.63	AVG			

Job No.: STAR2017 #23
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 11(802.11n)20MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/34/29
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.807	90.32	-5.61	84.71			peak			
2	2462.807	81.45	-5.61	75.84			AVG			
3	4924.717	44.82	4.20	49.02	74.00	-24.98	peak			
4	4924.717	36.70	4.20	40.90	54.00	-13.10	AVG			
5	6330.717	38.12	7.39	45.51	74.00	-28.49	peak			
6	6330.717	30.26	7.39	37.65	54.00	-16.35	AVG			
7	7429.842	37.24	8.66	45.90	74.00	-28.10	peak			
8	7429.842	28.74	8.66	37.40	54.00	-16.60	AVG			
9	11734.016	29.60	16.34	45.94	74.00	-28.06	peak			
10	11734.016	20.55	16.34	36.89	54.00	-17.11	AVG			
11	13973.138	-4.00	51.47	47.47	74.00	-26.53	peak			
12	13973.138	-13.00	51.47	38.47	54.00	-15.53	AVG			

Job No.: STAR2017 #26

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: WIFI module

Mode: TX Channel 3(802.11n)40MHz

Model: WP0DR1110

Manufacturer: Prima

Polarization: Horizontal

Power Source: DC 3.3V

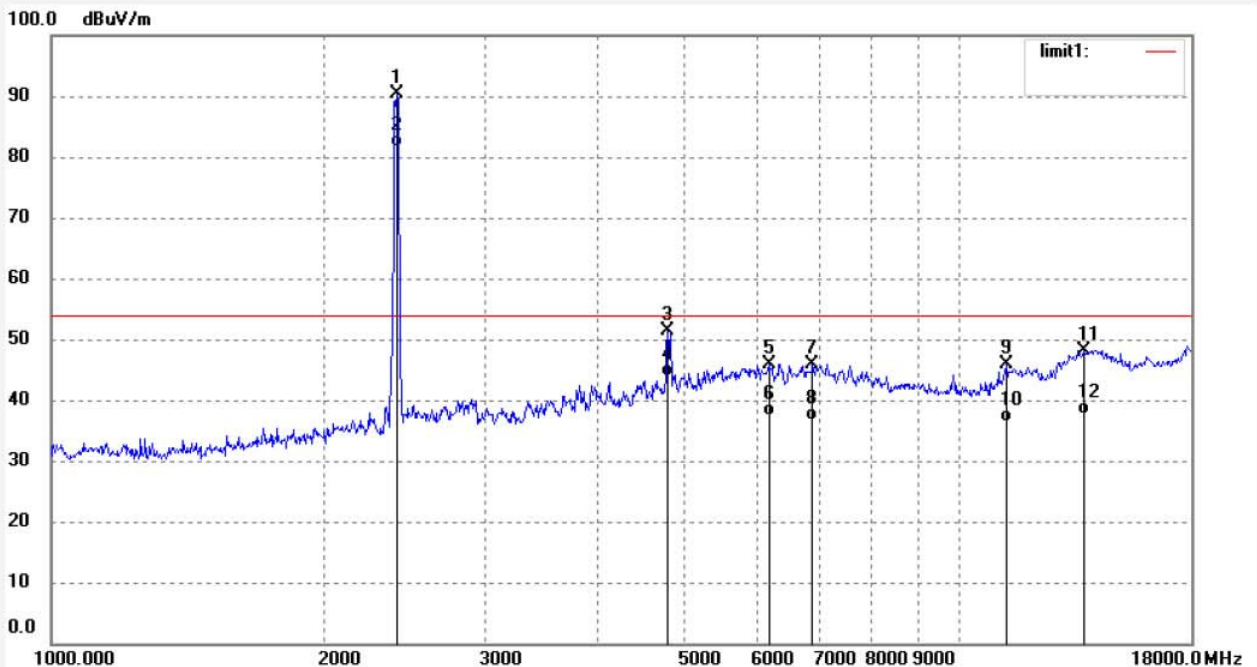
Date: 17/02/21/

Time: 15/42/17

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170115

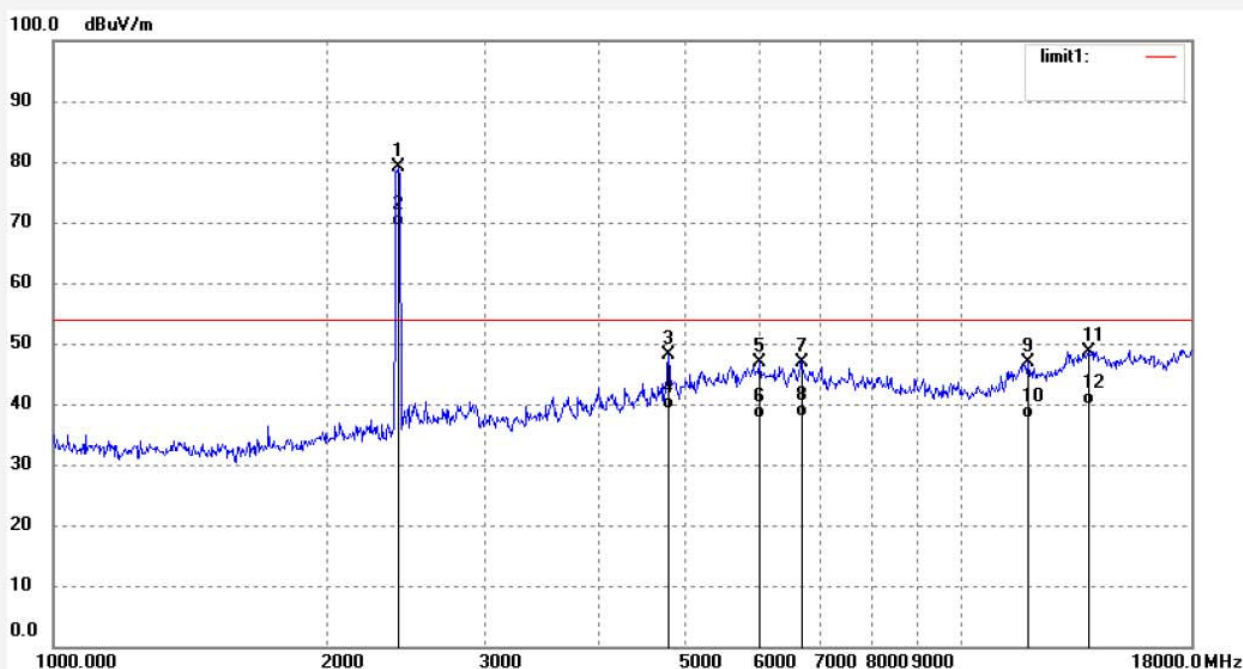


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.599	96.27	-5.80	90.47	54.00	36.47	peak			
2	2422.599	87.54	-5.80	81.74	54.00	27.74	AVG			
3	4844.459	48.05	3.37	51.42	54.00	-2.58	peak			
4	4844.459	40.40	3.37	43.77	54.00	-10.23	AVG			
5	6167.027	39.14	6.68	45.82	54.00	-8.18	peak			
6	6167.027	30.66	6.68	37.34	54.00	-16.66	AVG			
7	6888.306	36.89	9.01	45.90	54.00	-8.10	peak			
8	6888.306	27.64	9.01	36.65	54.00	-17.35	AVG			
9	11265.461	30.99	14.78	45.77	54.00	-8.23	peak			
10	11265.461	21.70	14.78	36.48	54.00	-17.52	AVG			
11	13691.313	-2.92	51.16	48.24	54.00	-5.76	peak			
12	13691.313	-13.54	51.16	37.62	54.00	-16.38	AVG			

Job No.: STAR2017 #25
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 3(802.11n)40MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/41/04
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

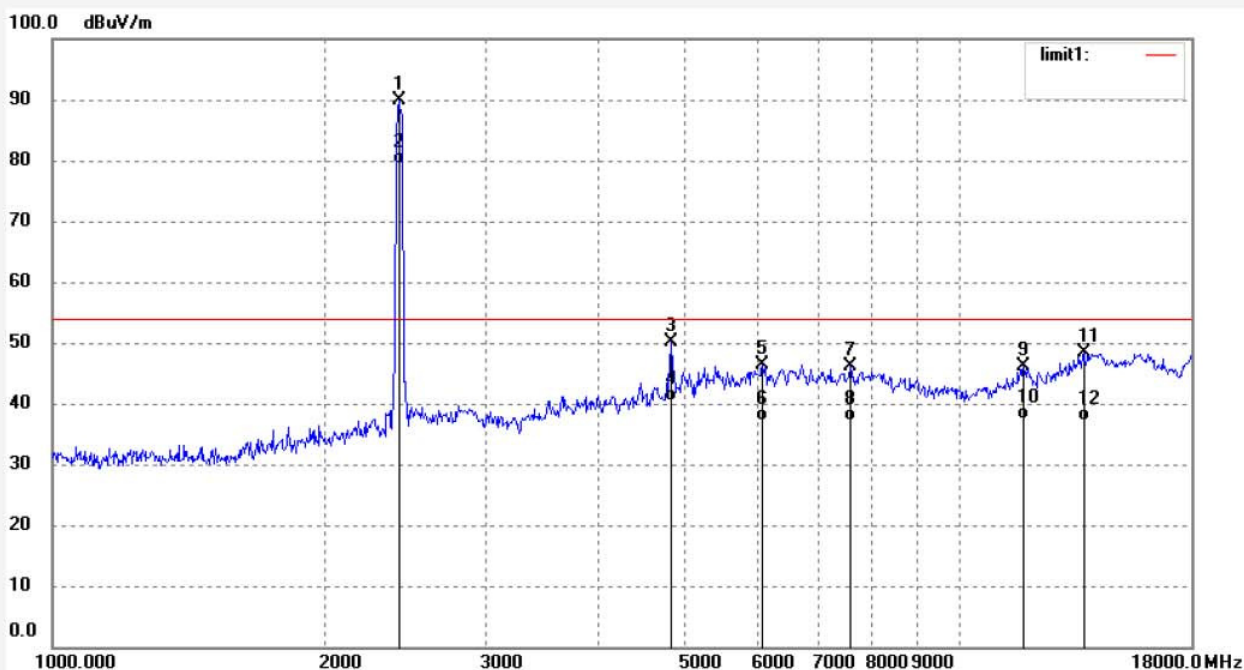


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.599	84.82	-5.80	79.02			peak			
2	2422.599	75.10	-5.80	69.30			AVG			
3	4844.459	44.67	3.37	48.04	74.00	-25.96	peak			
4	4844.459	35.67	3.37	39.04	54.00	-14.96	AVG			
5	6007.569	40.25	6.51	46.76	74.00	-27.24	peak			
6	6007.569	31.00	6.51	37.51	54.00	-16.49	AVG			
7	6690.695	38.72	8.28	47.00	74.00	-27.00	peak			
8	6690.695	29.57	8.28	37.85	54.00	-16.15	AVG			
9	11906.038	30.80	16.00	46.80	74.00	-27.20	peak			
10	11906.038	21.67	16.00	37.67	54.00	-16.33	AVG			
11	13892.030	-2.68	51.38	48.70	74.00	-25.30	peak			
12	13892.030	-11.47	51.38	39.91	54.00	-14.09	AVG			

Job No.: STAR2017 #27
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 6(802.11n)40MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/44/16
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

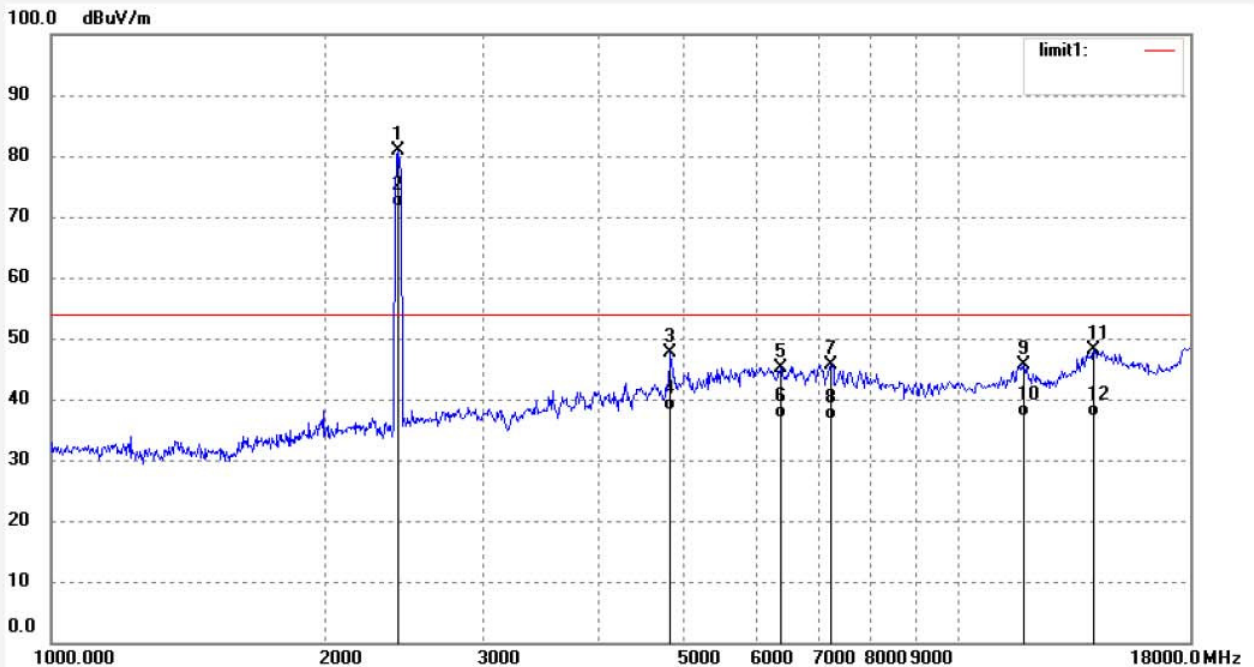


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	95.67	-5.76	89.91	54.00	35.91	peak			
2	2437.600	85.20	-5.76	79.44	54.00	25.44	AVG			
3	4874.324	46.56	3.67	50.23	54.00	-3.77	peak			
4	4874.324	36.70	3.67	40.37	54.00	-13.63	AVG			
5	6060.258	39.82	6.56	46.38	54.00	-7.62	peak			
6	6060.258	30.47	6.56	37.03	54.00	-16.97	AVG			
7	7582.780	36.60	9.52	46.12	54.00	-7.88	peak			
8	7582.780	27.68	9.52	37.20	54.00	-16.80	AVG			
9	11768.220	29.57	16.57	46.14	54.00	-7.86	peak			
10	11768.220	20.69	16.57	37.26	54.00	-16.74	AVG			
11	13691.313	-2.89	51.16	48.27	54.00	-5.73	peak			
12	13691.313	-14.07	51.16	37.09	54.00	-16.91	AVG			

Job No.: STAR2017 #28
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 6(802.11n)40MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/46/05
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

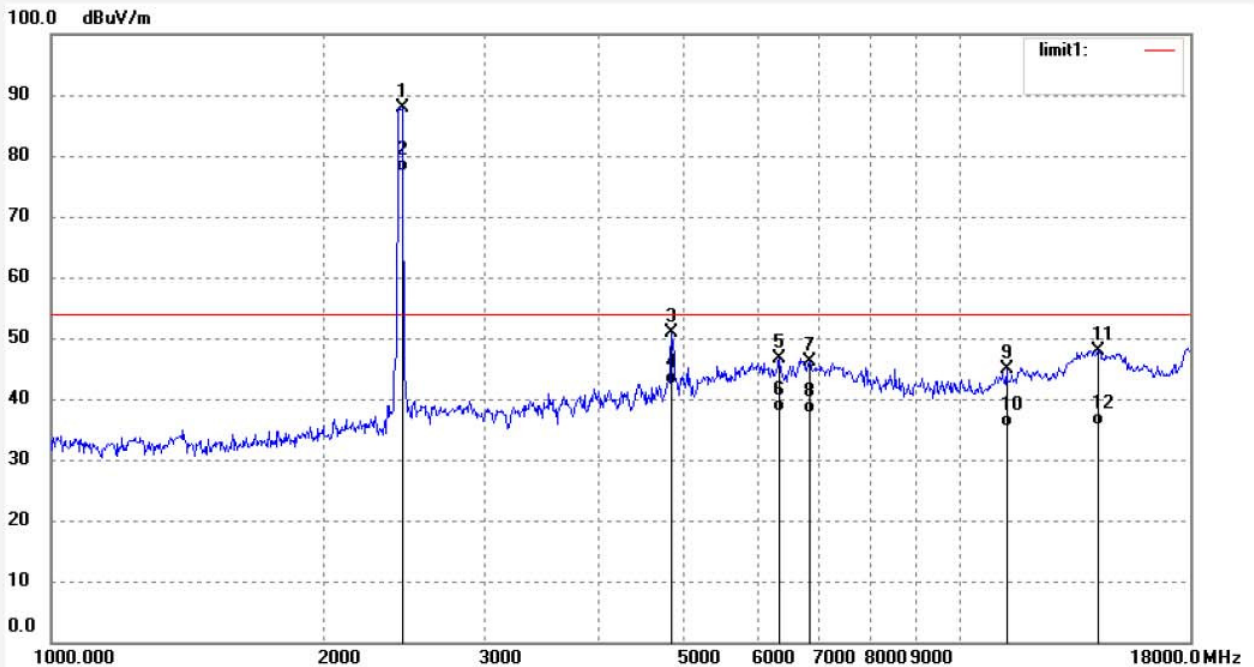


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.621	86.53	-5.72	80.81			peak			
2	2437.621	77.40	-5.72	71.68			AVG			
3	4874.324	43.88	3.67	47.55	74.00	-26.45	peak			
4	4874.324	34.52	3.67	38.19	54.00	-15.81	AVG			
5	6367.679	37.67	7.57	45.24	74.00	-28.76	peak			
6	6367.679	29.40	7.57	36.97	54.00	-17.03	AVG			
7	7237.732	37.41	8.18	45.59	74.00	-28.41	peak			
8	7237.732	28.40	8.18	36.58	54.00	-17.42	AVG			
9	11802.524	28.74	16.78	45.52	74.00	-28.48	peak			
10	11802.524	20.40	16.78	37.18	54.00	-16.82	AVG			
11	14095.689	-3.88	52.04	48.16	74.00	-25.84	peak			
12	14095.689	-14.80	52.04	37.24	54.00	-16.76	AVG			

Job No.: STAR2017 #30
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 9(802.11n)40MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Horizontal
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/49/26
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115

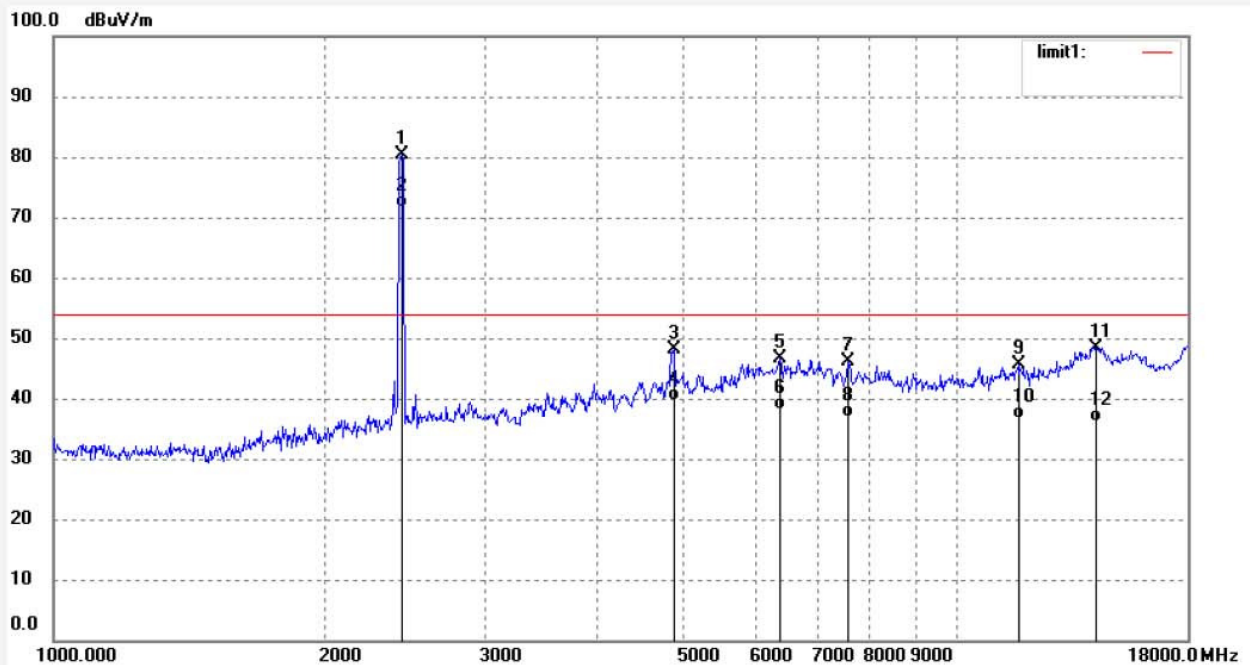


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.807	93.48	-5.61	87.87			peak			
2	2452.807	83.07	-5.61	77.46			AVG			
3	4904.361	47.01	3.80	50.81	74.00	-23.19	peak			
4	4904.361	38.62	3.80	42.42	54.00	-11.58	AVG			
5	6349.172	39.20	7.48	46.68	74.00	-27.32	peak			
6	6349.172	30.28	7.48	37.76	54.00	-16.24	AVG			
7	6848.323	37.25	8.90	46.15	74.00	-27.85	peak			
8	6848.323	28.64	8.90	37.54	54.00	-16.46	AVG			
9	11298.300	29.98	14.90	44.88	74.00	-29.12	peak			
10	11298.300	20.44	14.90	35.34	54.00	-18.66	AVG			
11	14260.764	-5.04	52.99	47.95	74.00	-26.05	peak			
12	14260.764	-17.25	52.99	35.74	54.00	-18.26	AVG			

Job No.: STAR2017 #29
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: WIFI module
Mode: TX Channel 9(802.11n)40MHz
Model: WP0DR1110
Manufacturer: Prima

Polarization: Vertical
Power Source: DC 3.3V
Date: 17/02/21/
Time: 15/47/55
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170115



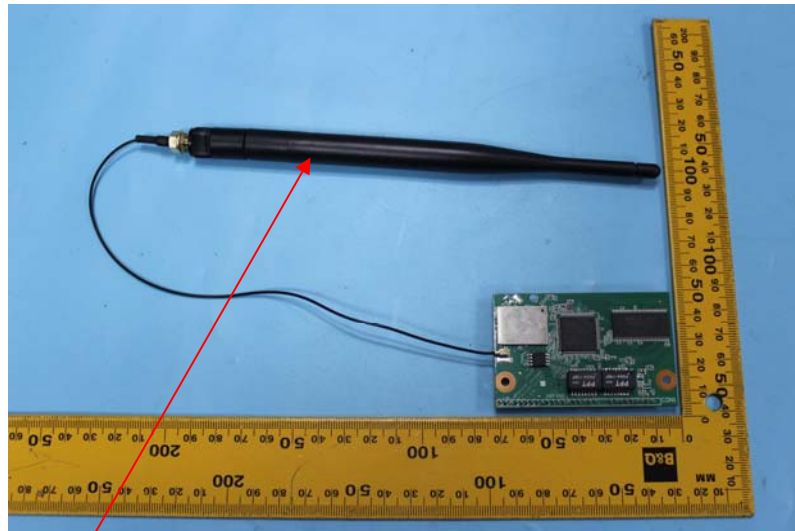
11. ANTENNA REQUIREMENT

11.1. 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.

11.2. Antenna Construction

The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b); The Antenna gain of EUT is 5dBi. Therefore, the equipment complies with the antenna requirement.



Antenna

