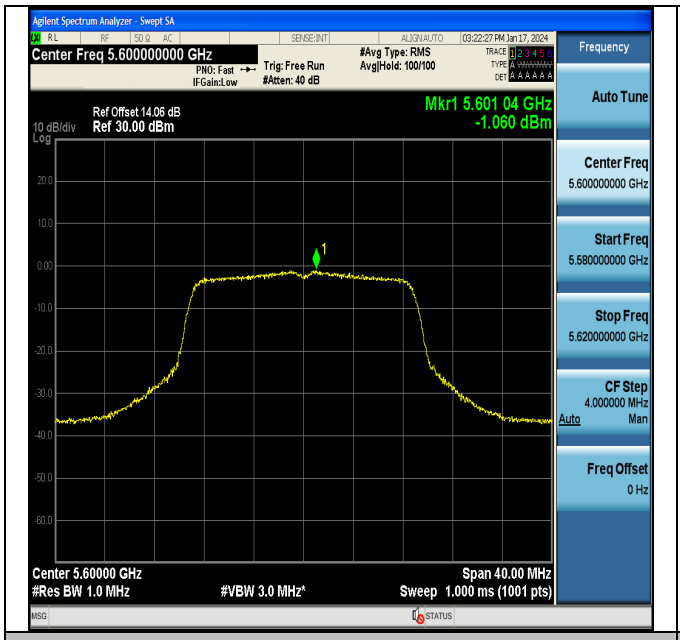
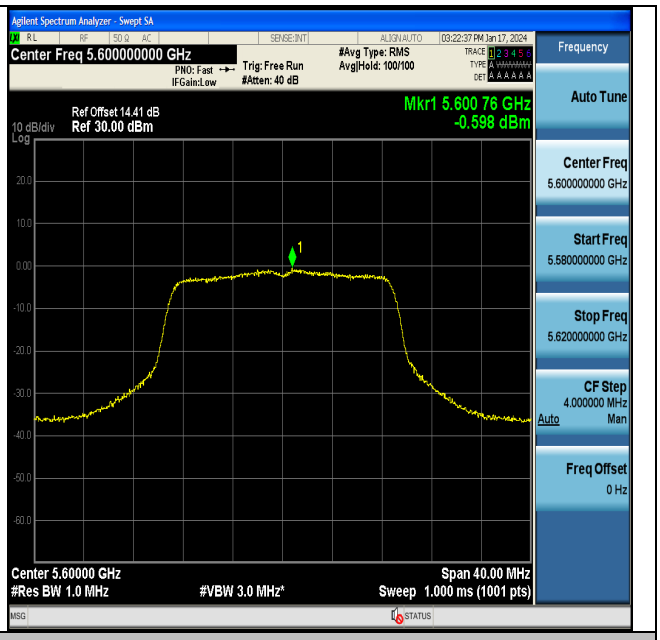
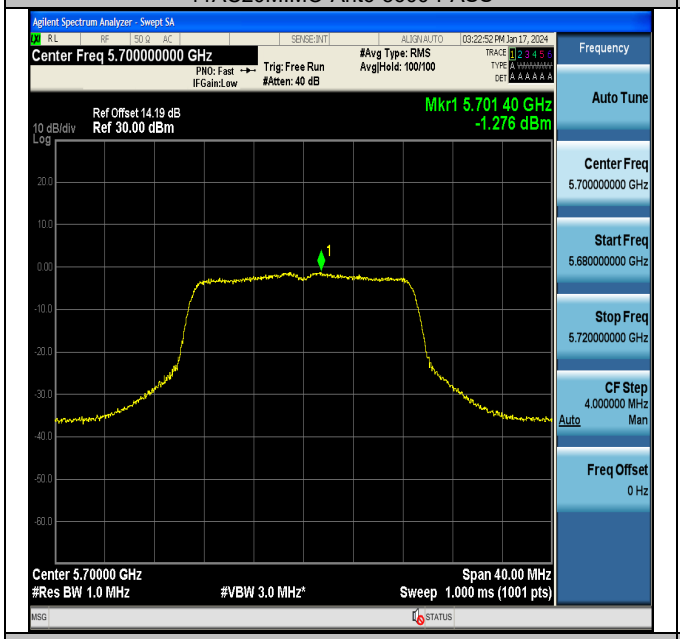


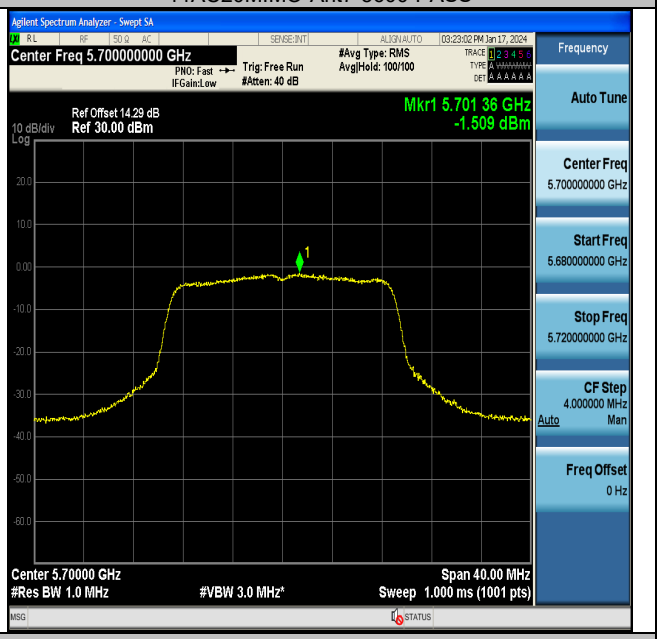
11AC20MIMO-Ant6-5600-PASS



11AC20MIMO-Ant7-5600-PASS

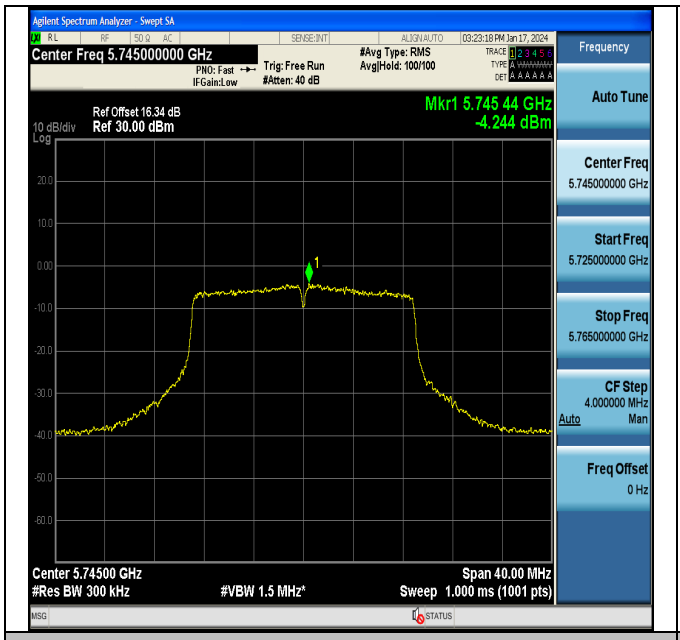


11AC20MIMO-Ant6-5700-PASS

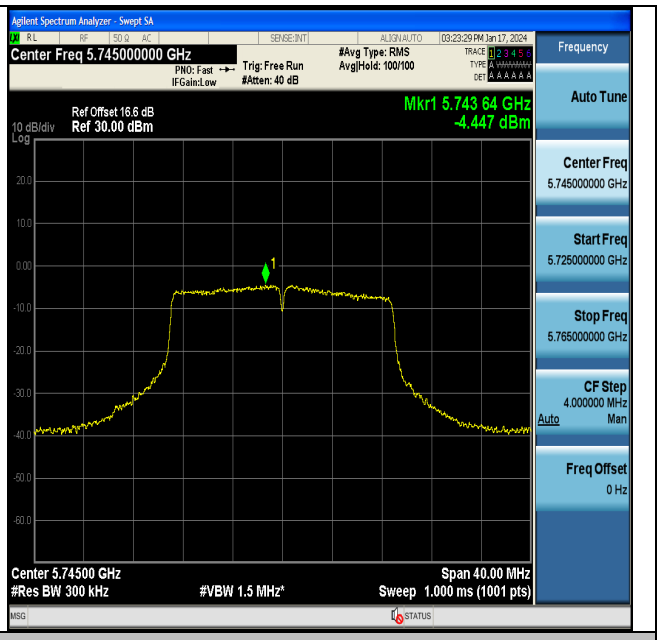


11AC20MIMO-Ant7-5700-PASS

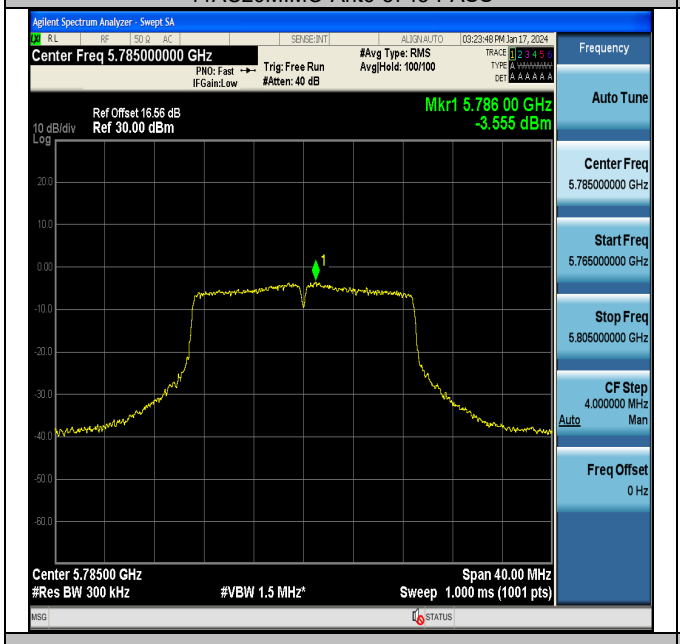
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



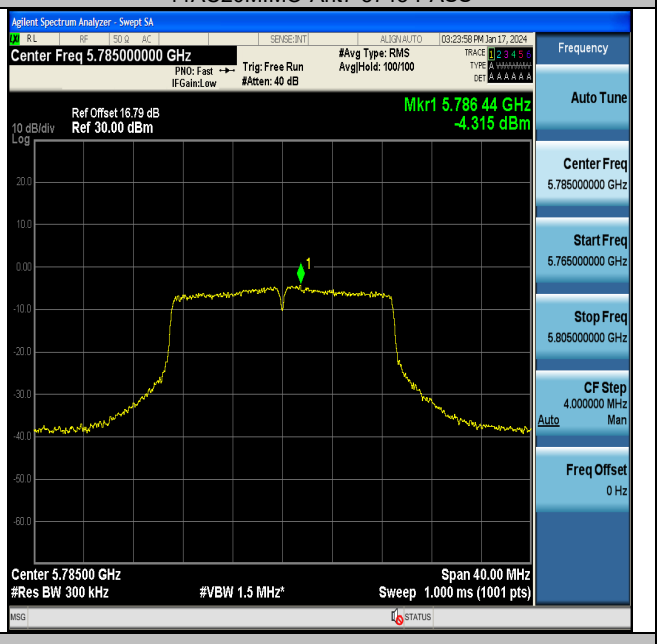
11AC20MIMO-Ant6-5745-PASS



11AC20MIMO-Ant7-5745-PASS

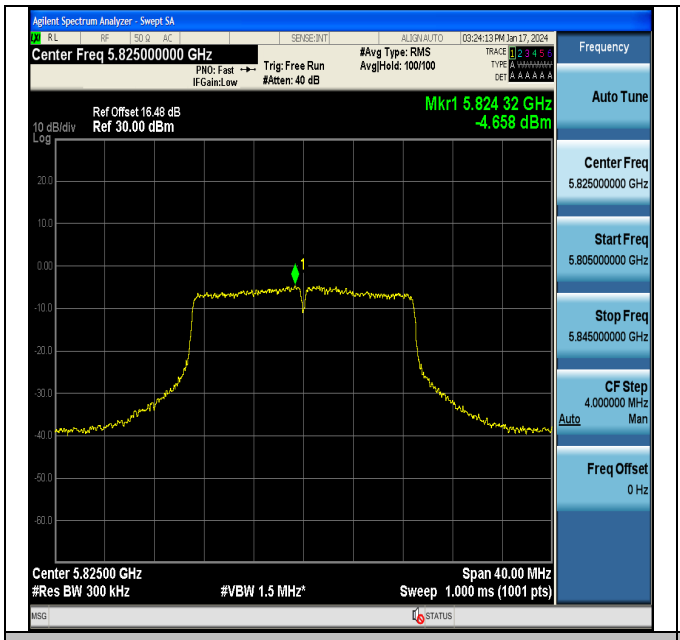


11AC20MIMO-Ant6-5785-PASS

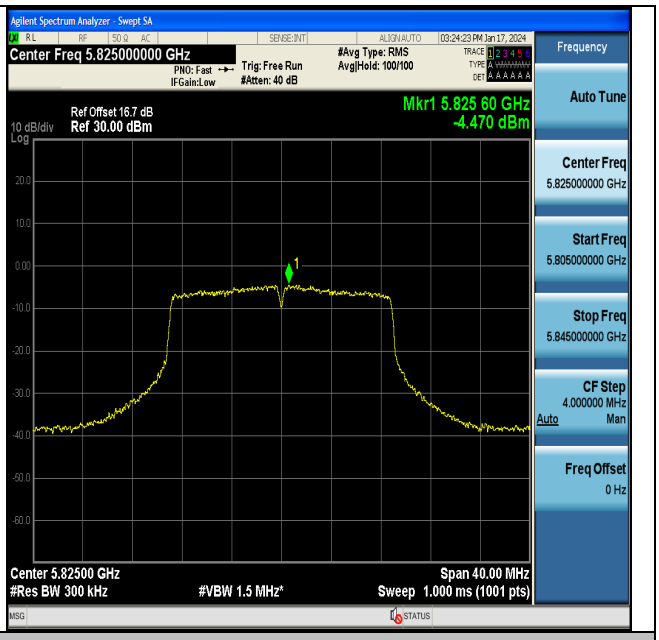


11AC20MIMO-Ant7-5785-PASS

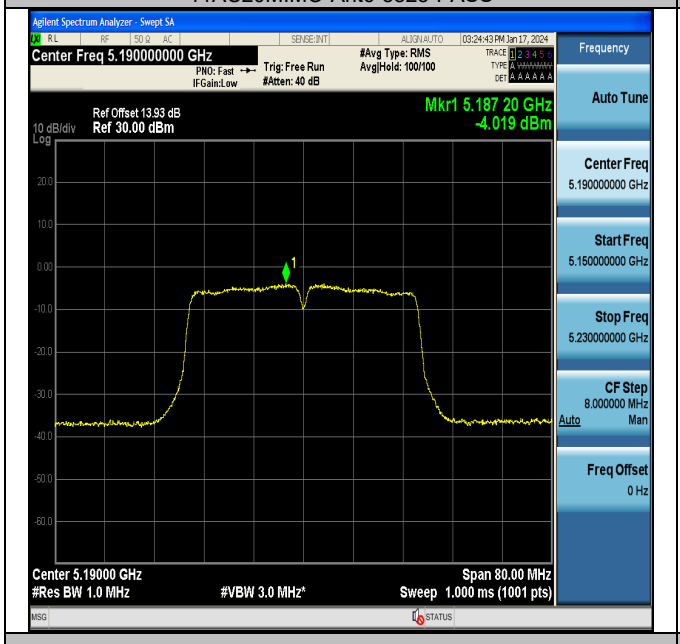
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



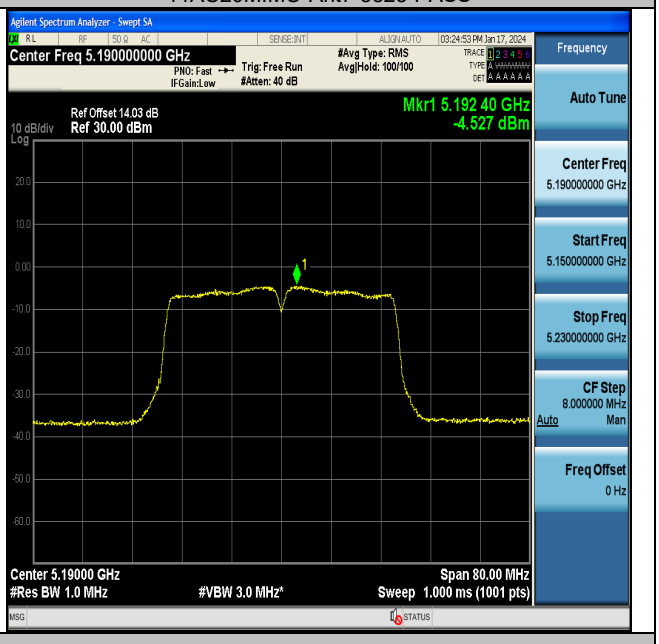
11AC20MIMO-Ant6-5825-PASS



11AC20MIMO-Ant7-5825-PASS

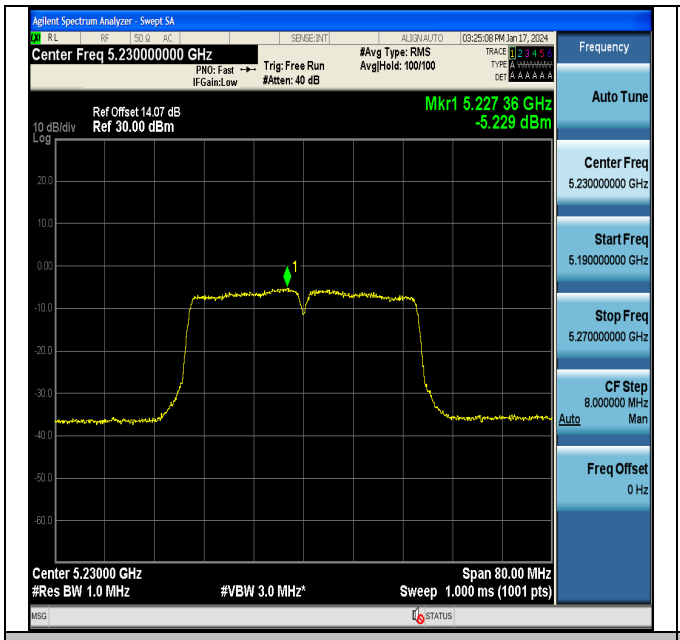


11AC40MIMO-Ant6-5190-PASS

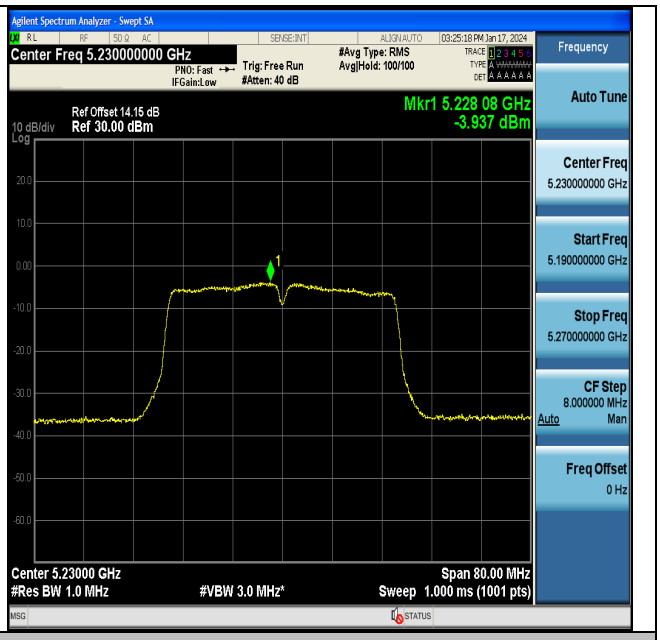


11AC40MIMO-Ant7-5190-PASS

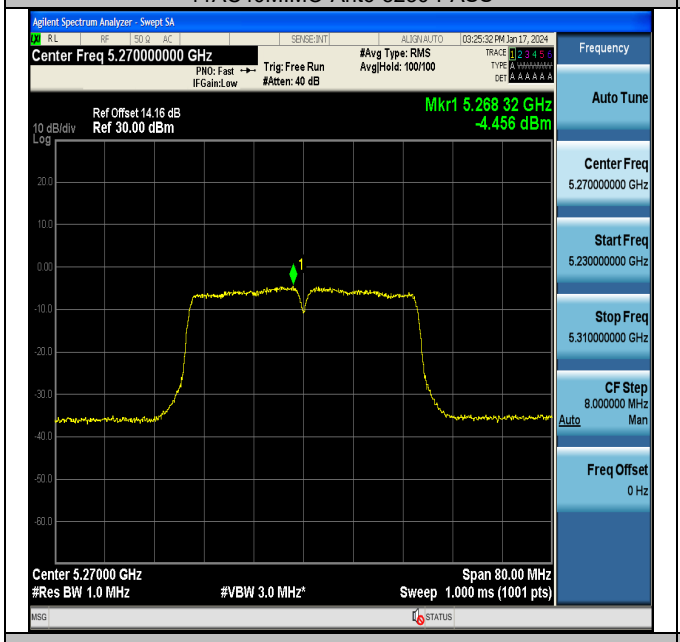
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



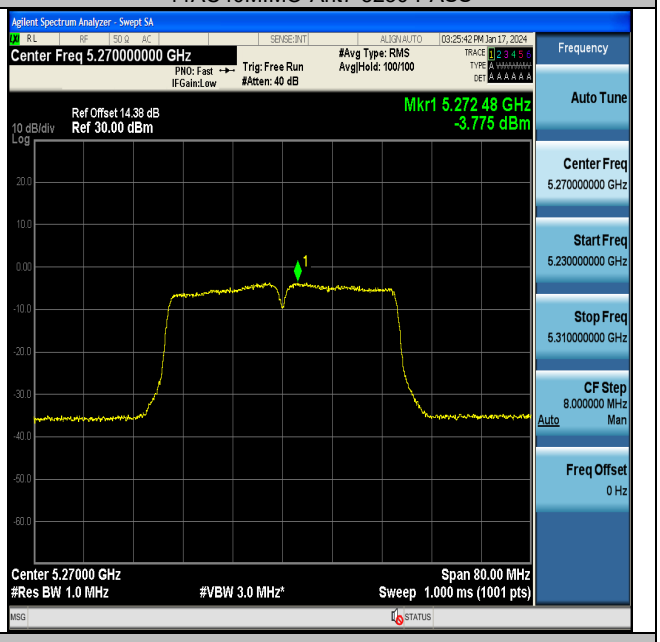
11AC40MIMO-Ant6-5230-PASS



11AC40MIMO-Ant7-5230-PASS

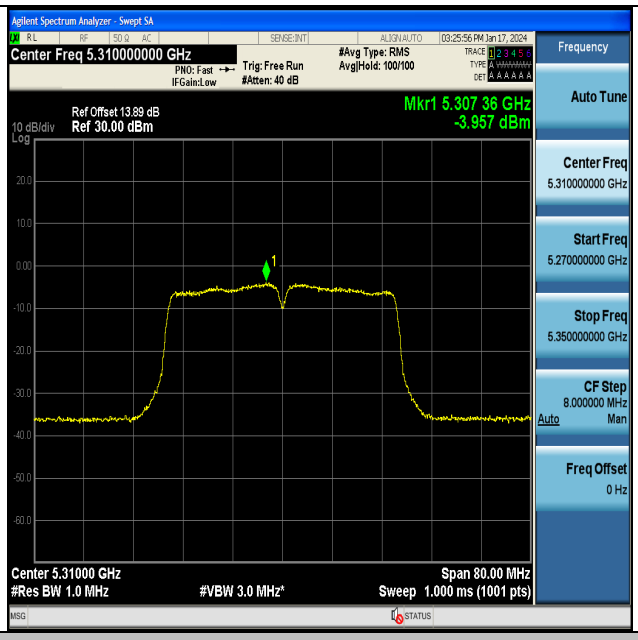


11AC40MIMO-Ant6-5270-PASS

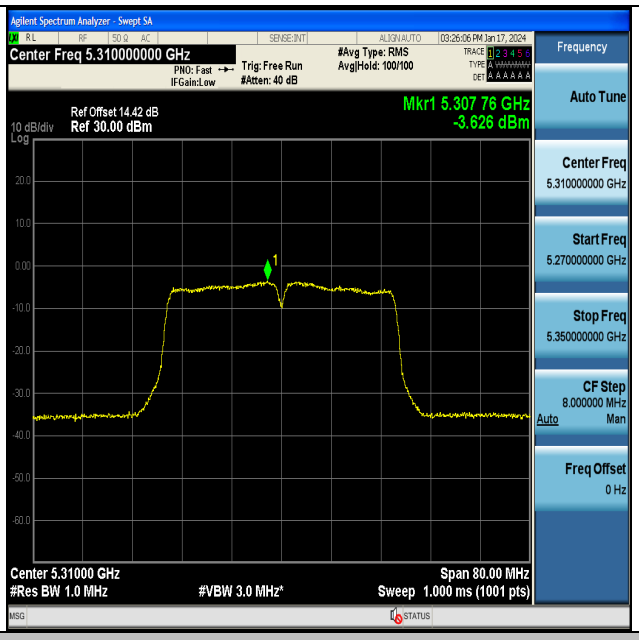


11AC40MIMO-Ant7-5270-PASS

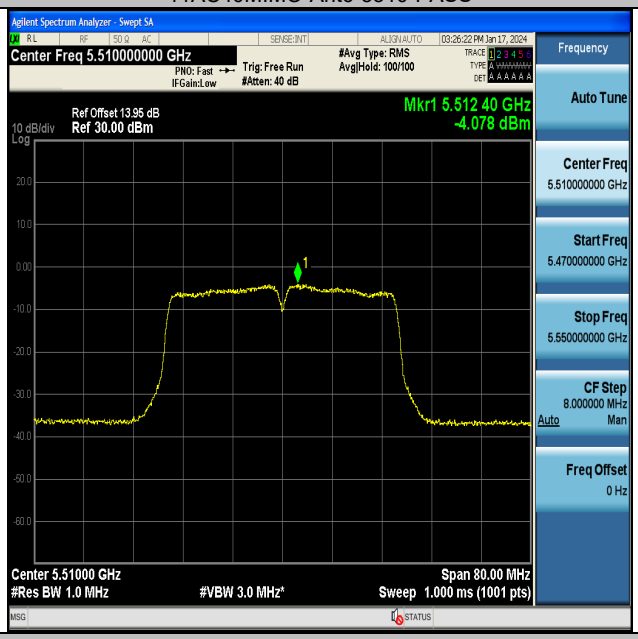
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



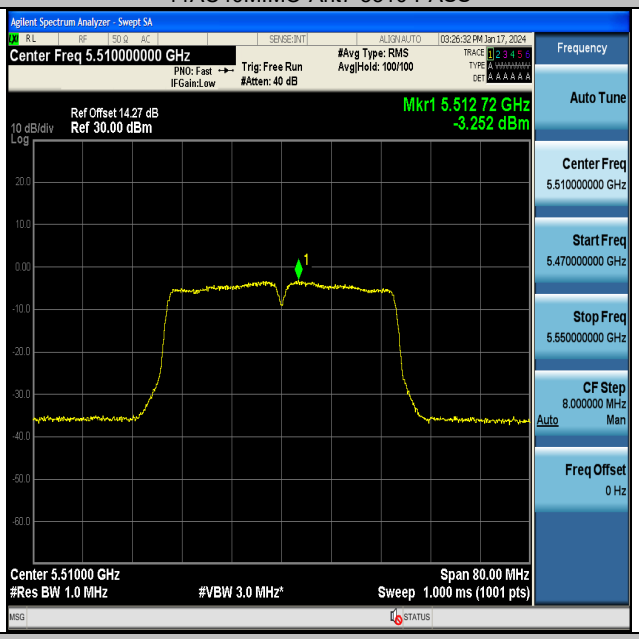
11AC40MIMO-Ant6-5310-PASS



11AC40MIMO-Ant7-5310-PASS

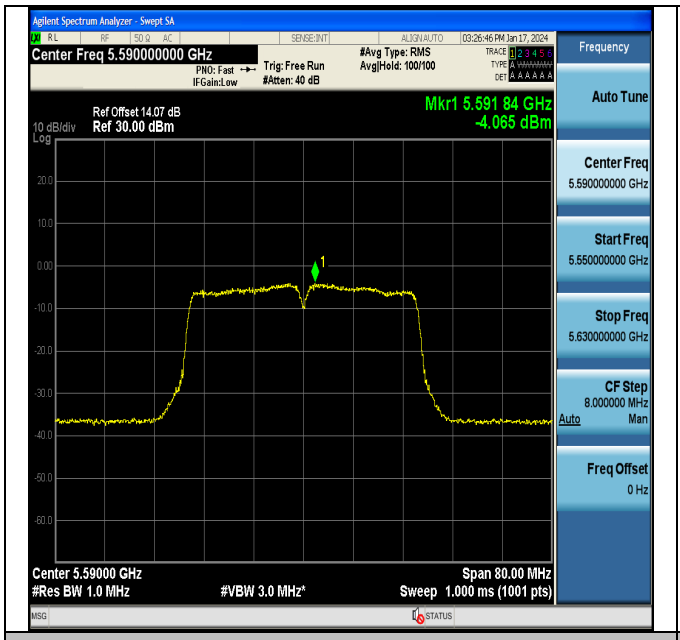


11AC40MIMO-Ant6-5510-PASS

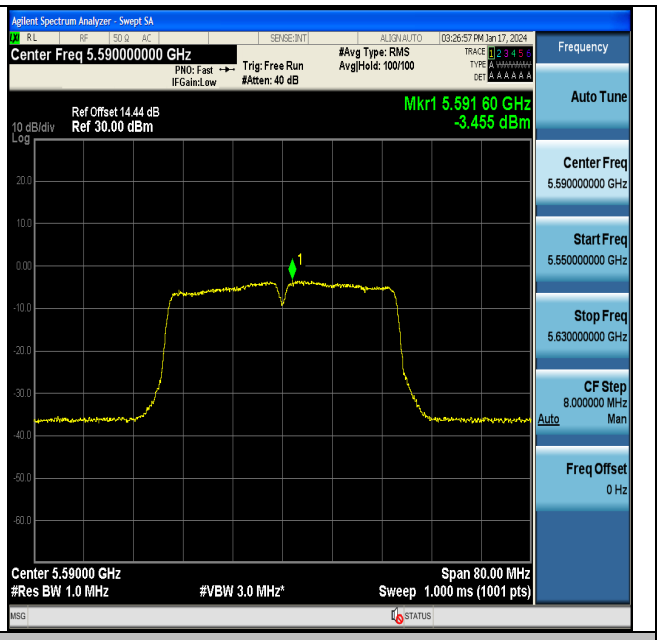


11AC40MIMO-Ant7-5510-PASS

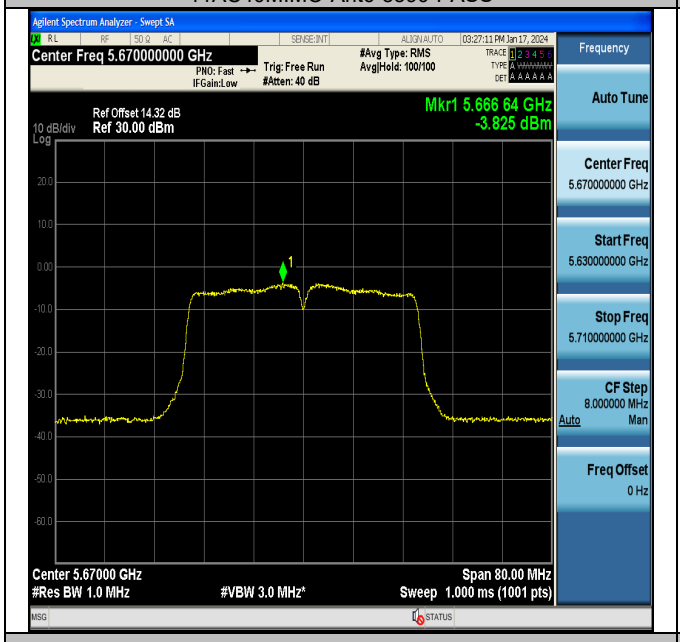
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



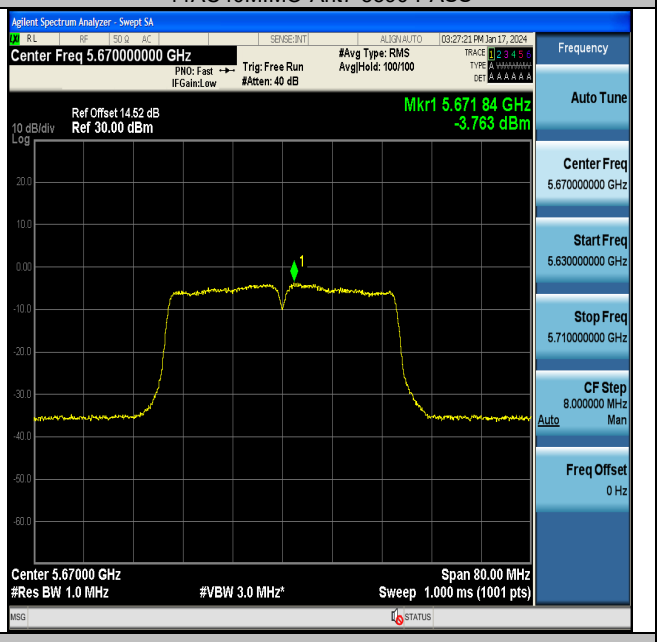
11AC40MIMO-Ant6-5590-PASS



11AC40MIMO-Ant7-5590-PASS

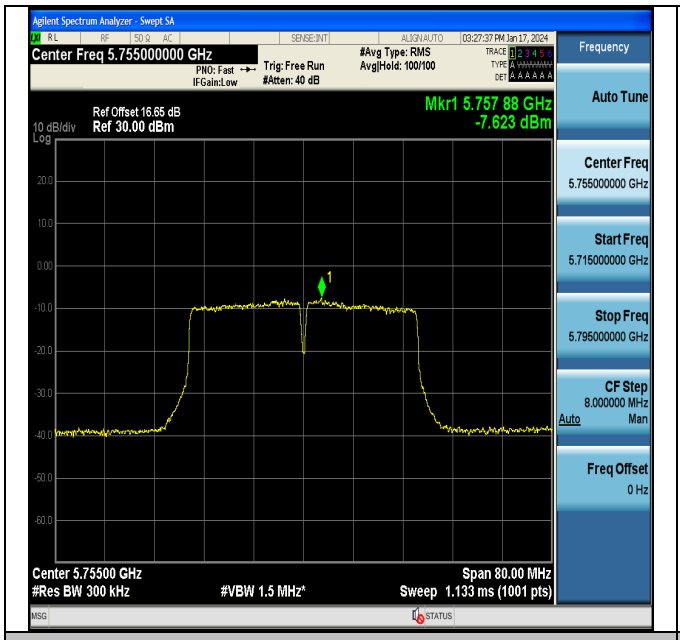


11AC40MIMO-Ant6-5670-PASS

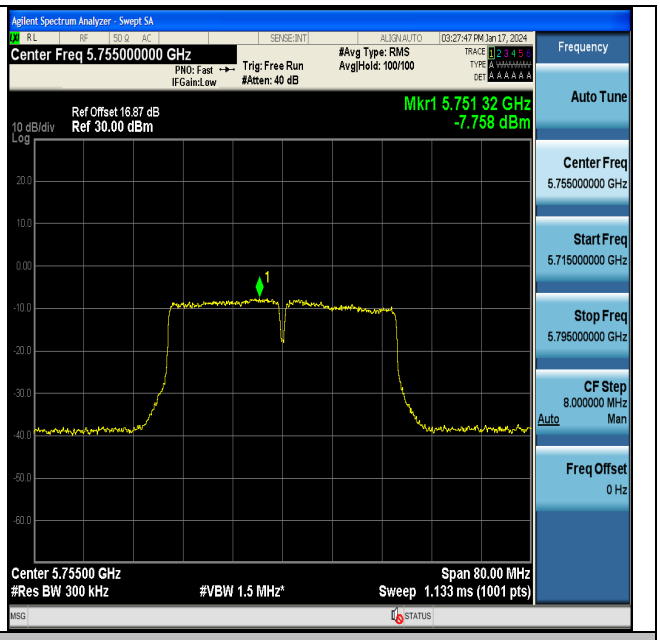


11AC40MIMO-Ant7-5670-PASS

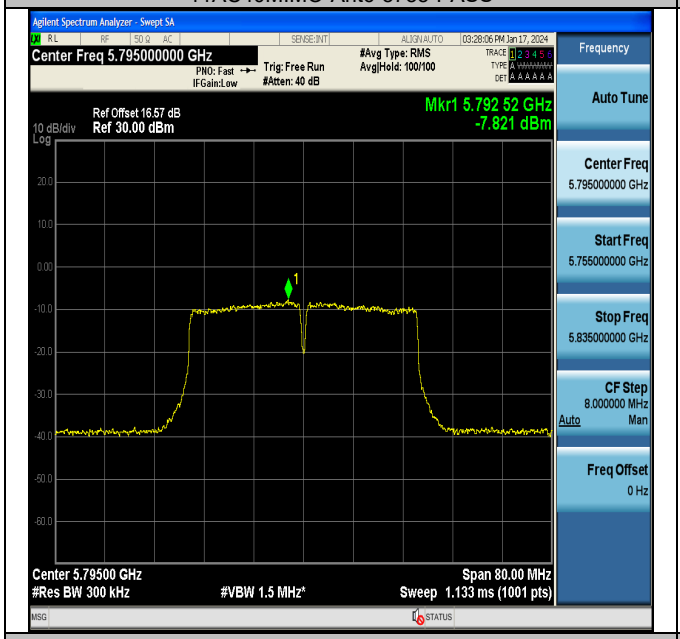
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



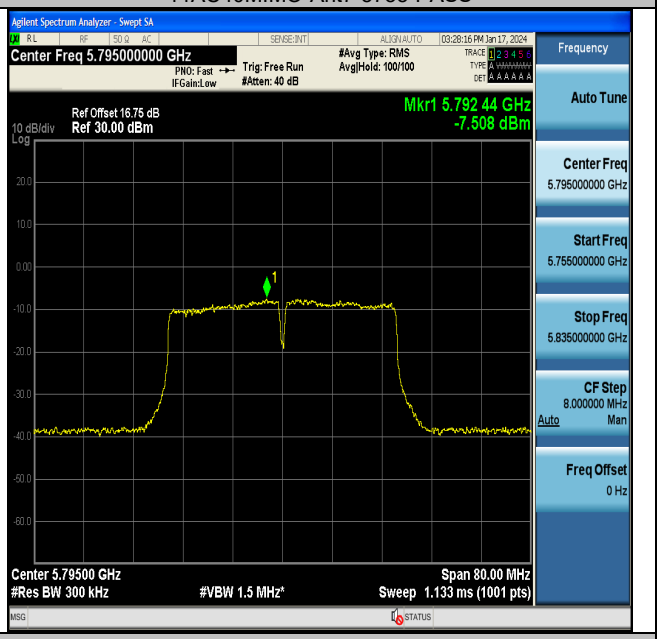
11AC40MIMO-Ant6-5755-PASS



11AC40MIMO-Ant7-5755-PASS

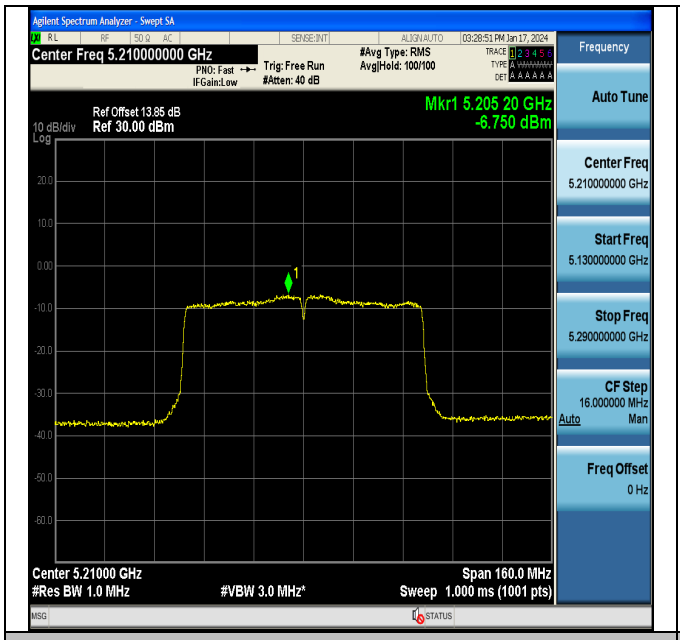


11AC40MIMO-Ant6-5795-PASS

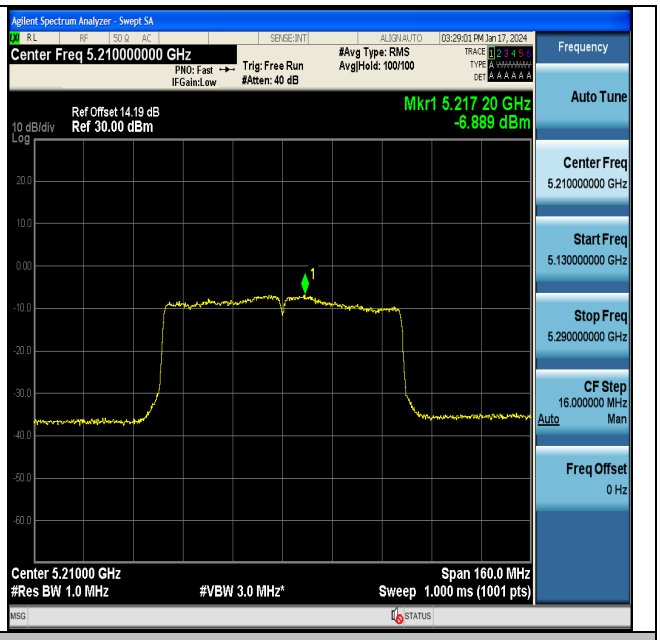


11AC40MIMO-Ant7-5795-PASS

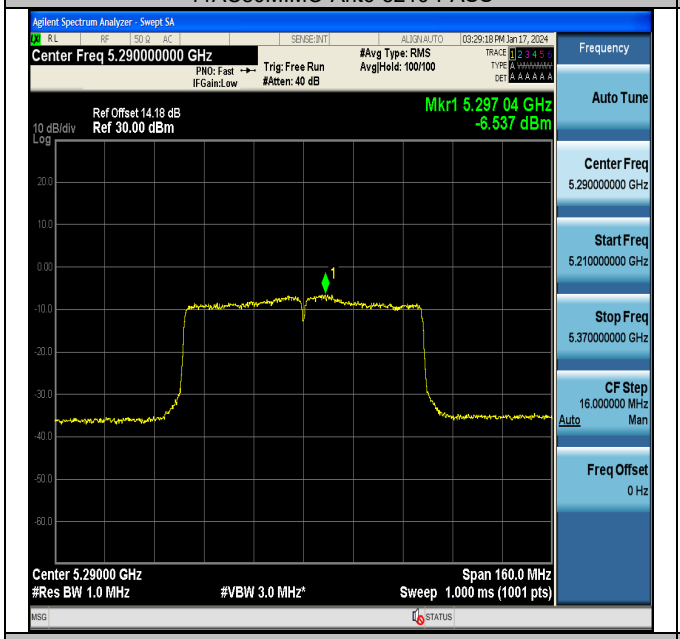
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



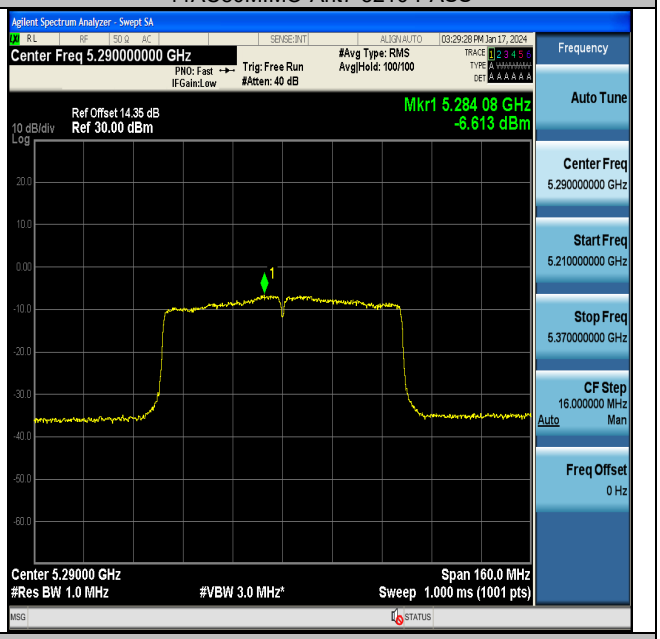
11AC80MIMO-Ant6-5210-PASS



11AC80MIMO-Ant7-5210-PASS

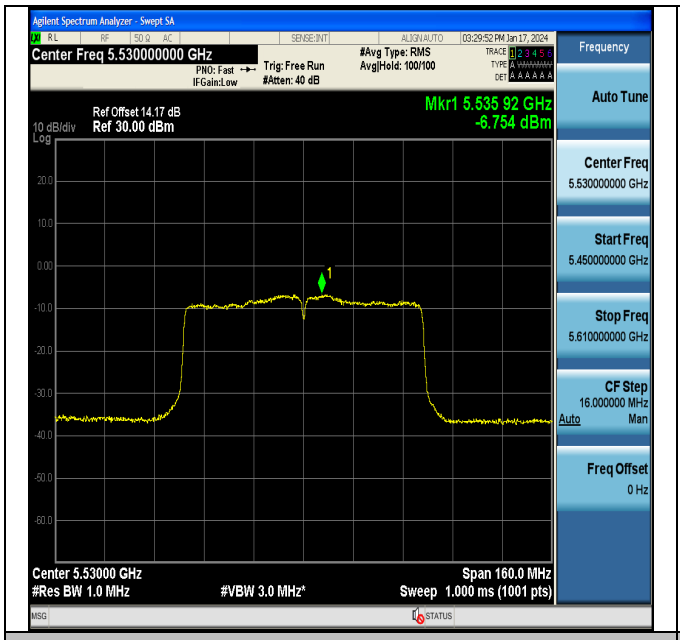


11AC80MIMO-Ant6-5290-PASS

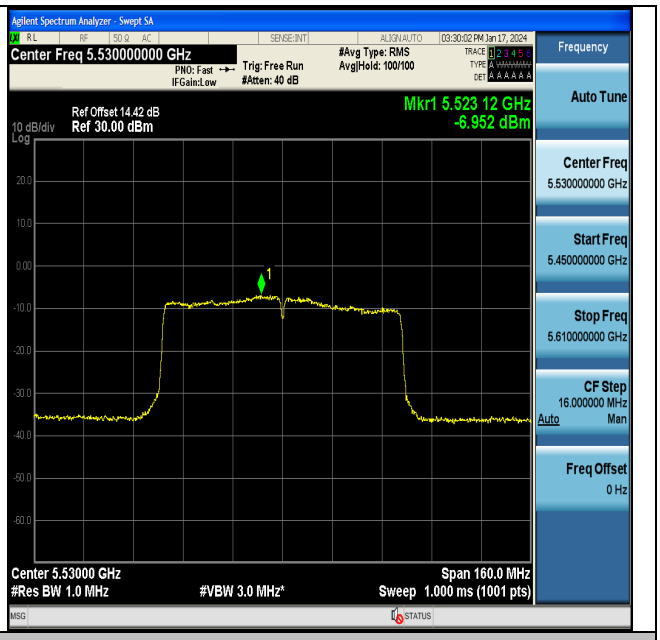


11AC80MIMO-Ant7-5290-PASS

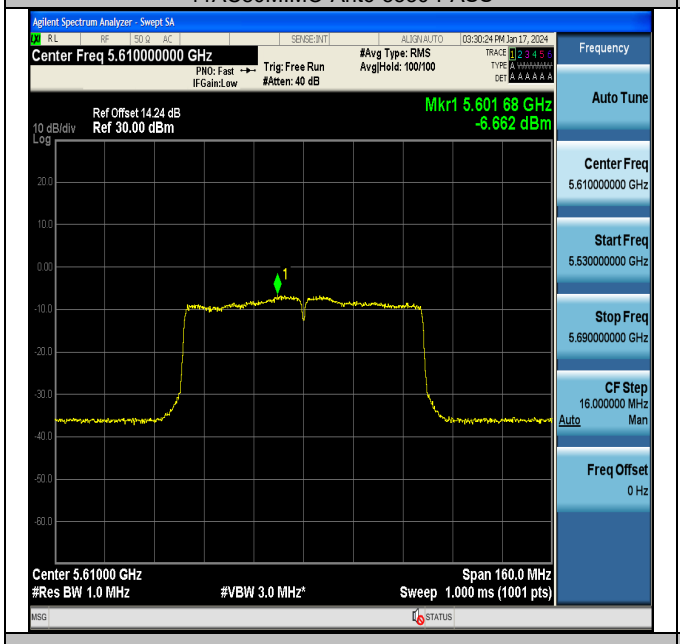
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



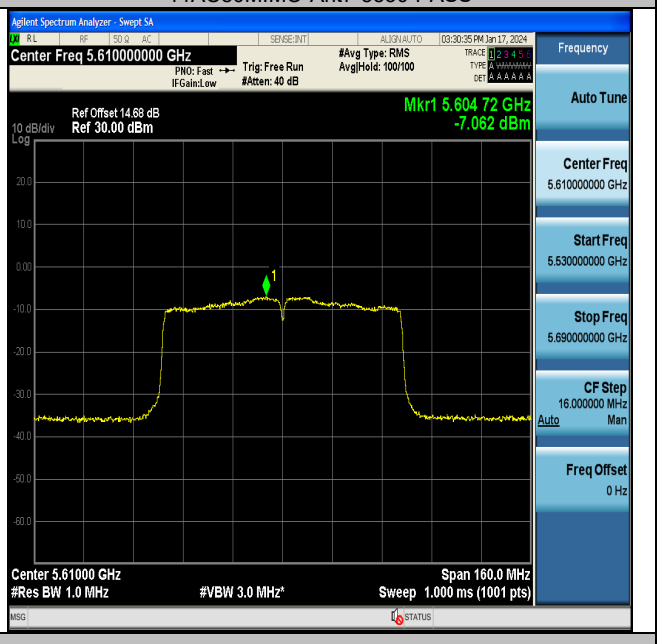
11AC80MIMO-Ant6-5530-PASS



11AC80MIMO-Ant7-5530-PASS

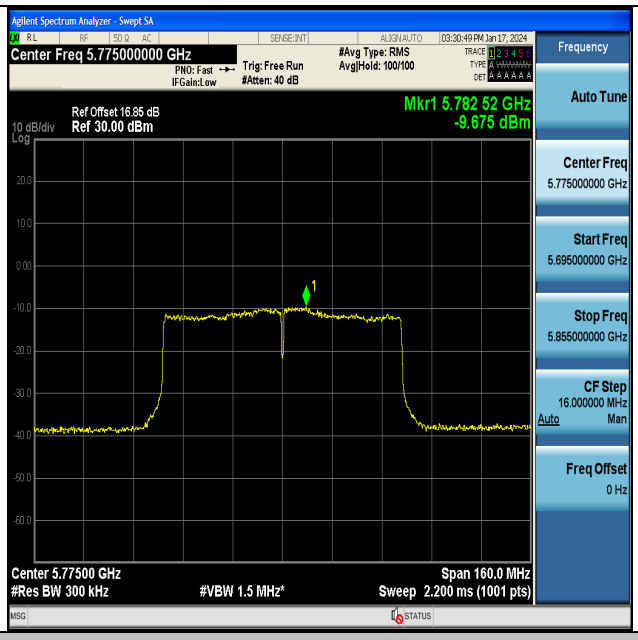


11AC80MIMO-Ant6-5610-PASS

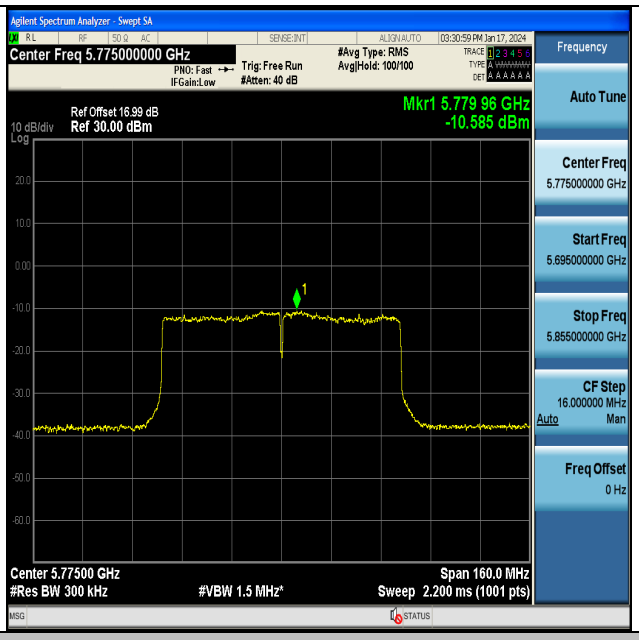


11AC80MIMO-Ant7-5610-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



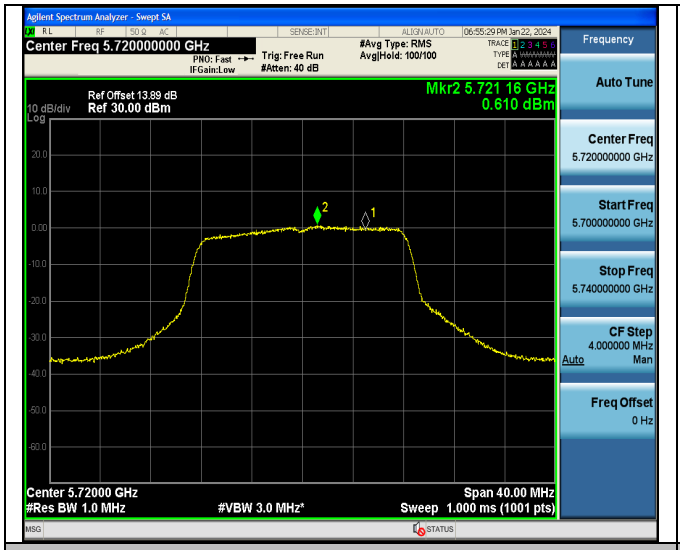
11AC80MIMO-Ant6-5775-PASS



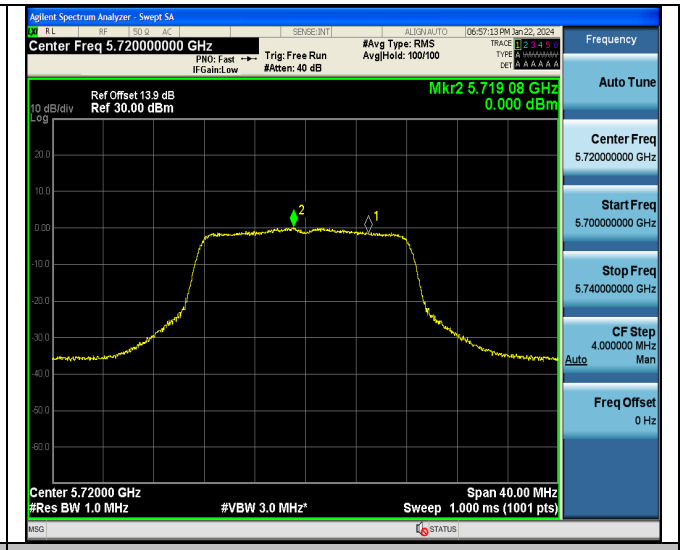
11AC80MIMO-Ant7-5775-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

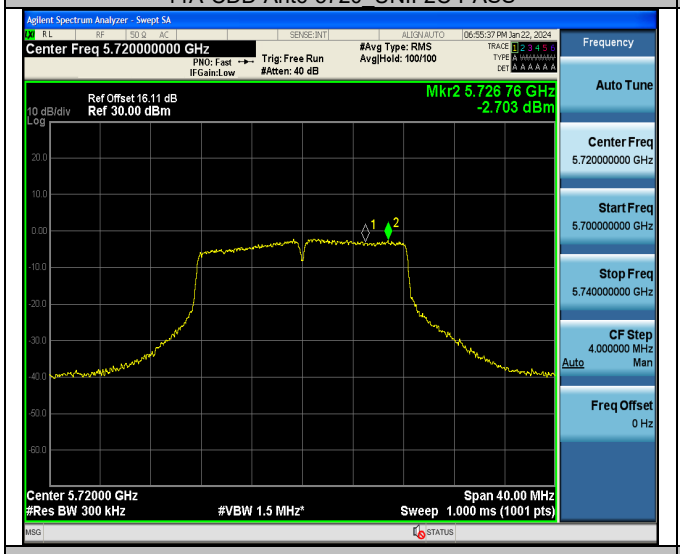
Test Graphs Straddle Channel



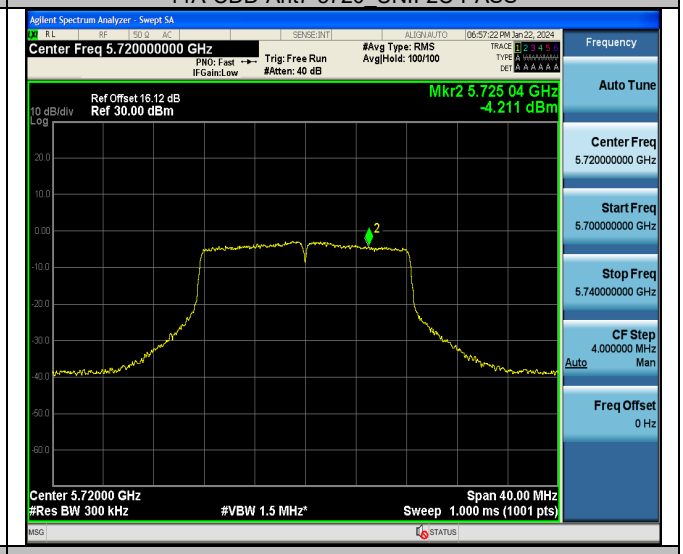
11A-CDD-Ant6-5720_UNII-2C-PASS



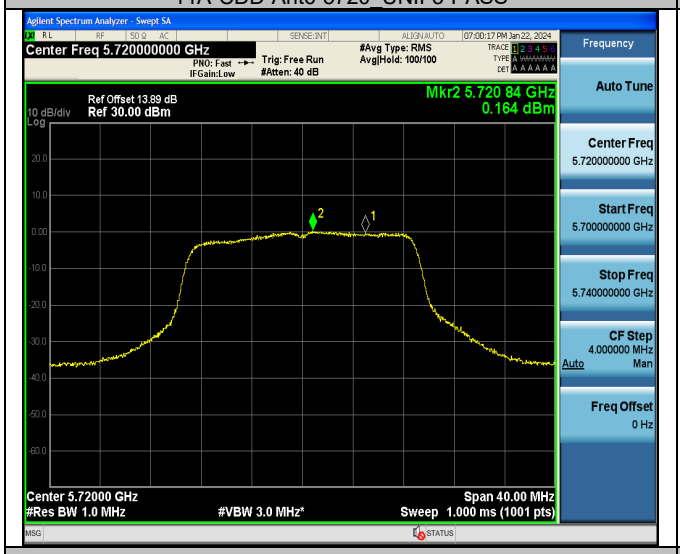
11A-CDD-Ant7-5720_UNII-2C-PASS



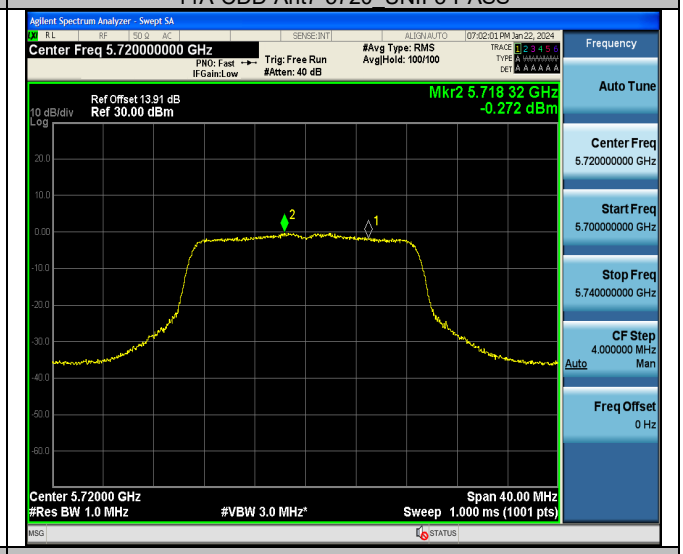
11A-CDD-Ant6-5720_UNII-3-PASS



11A-CDD-Ant7-5720_UNII-3-PASS

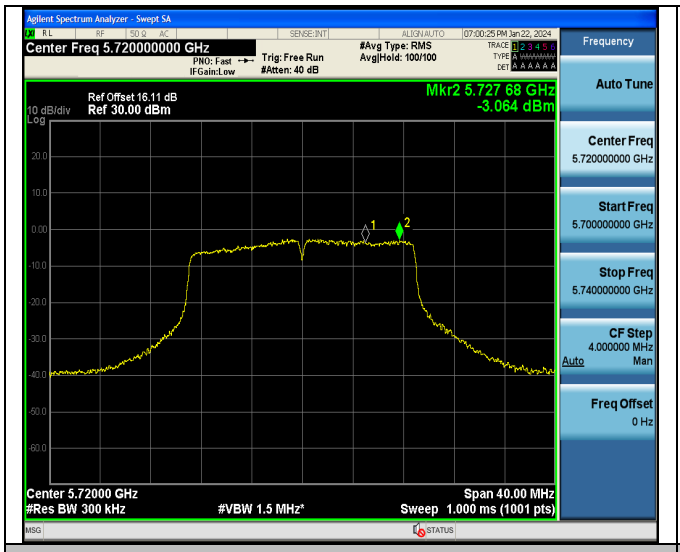


11N20MIMO-Ant6-5720_UNII-2C-PASS

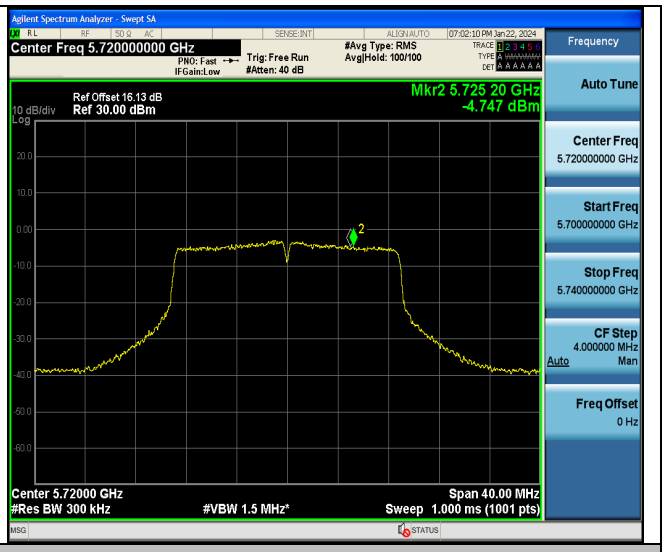


11N20MIMO-Ant7-5720_UNII-2C-PASS

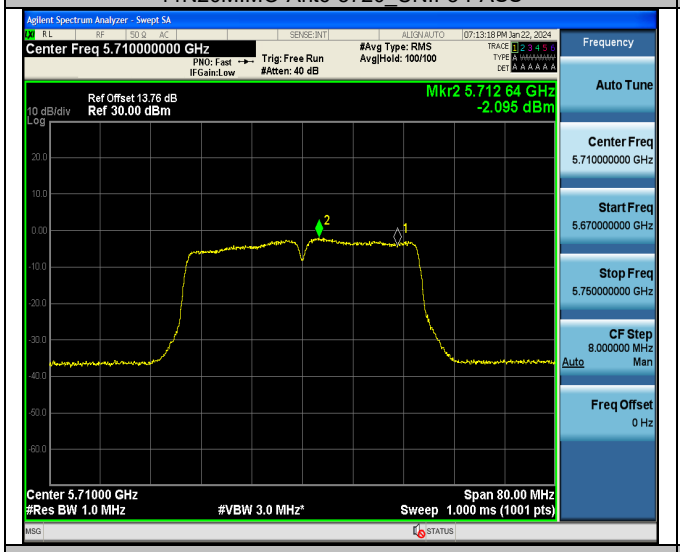
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



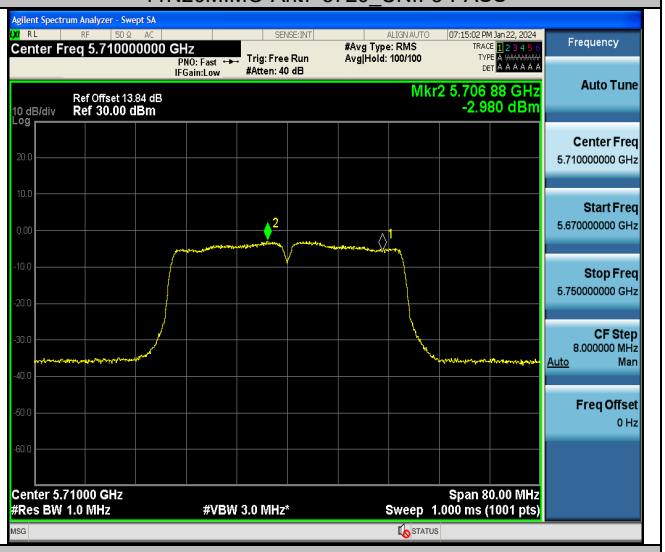
11N20MIMO-Ant6-5720_UNII-3-PASS



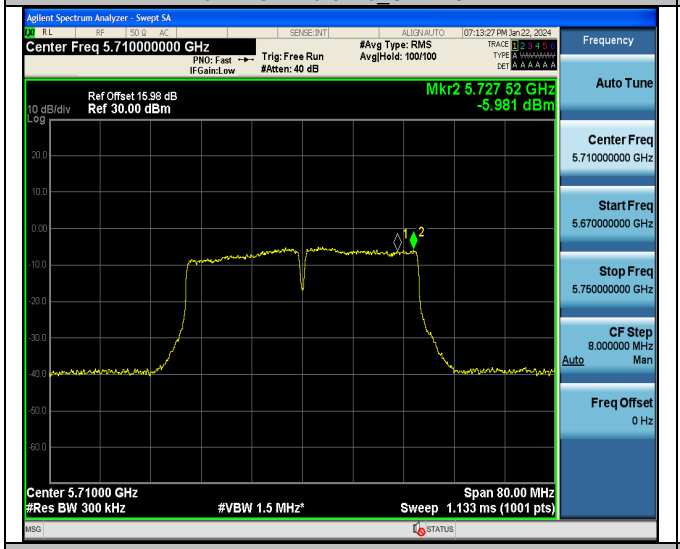
11N20MIMO-Ant7-5720_UNII-3-PASS



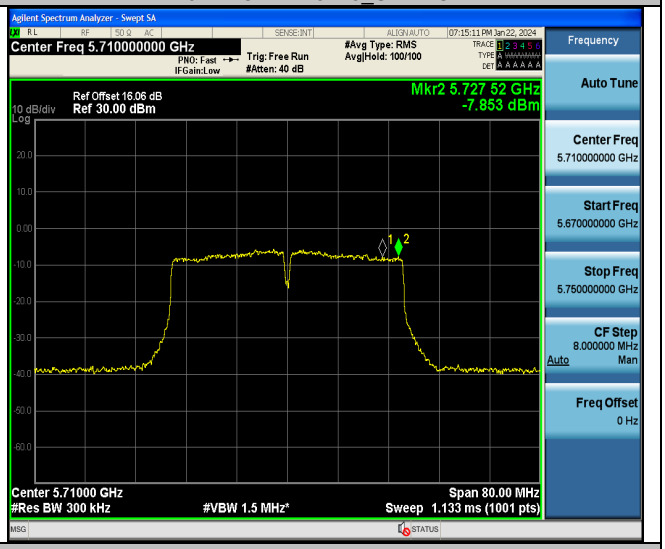
11N40MIMO-Ant6-5710_UNII-2C-PASS



11N40MIMO-Ant7-5710_UNII-2C-PASS

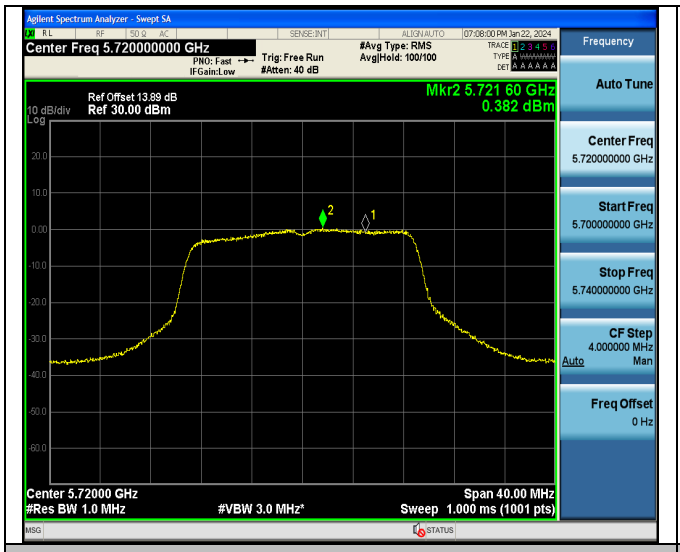


11N40MIMO-Ant6-5710_UNII-3-PASS

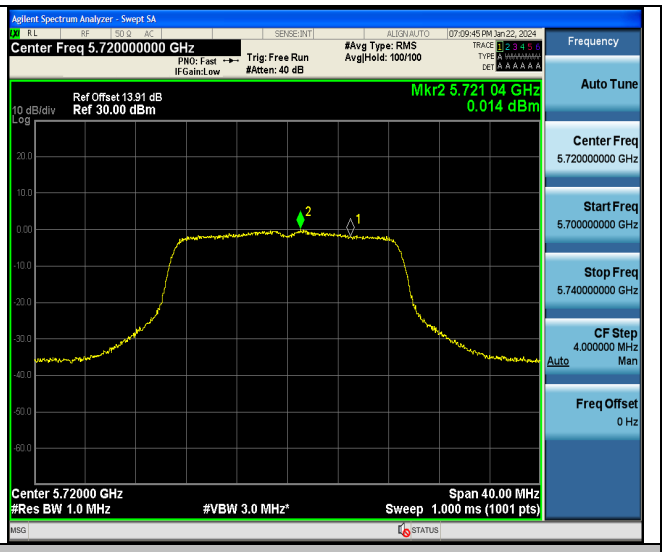


11N40MIMO-Ant7-5710_UNII-3-PASS

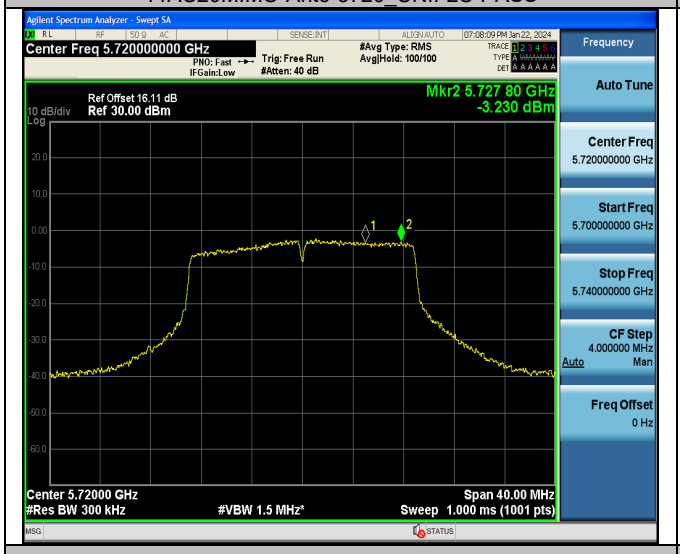
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



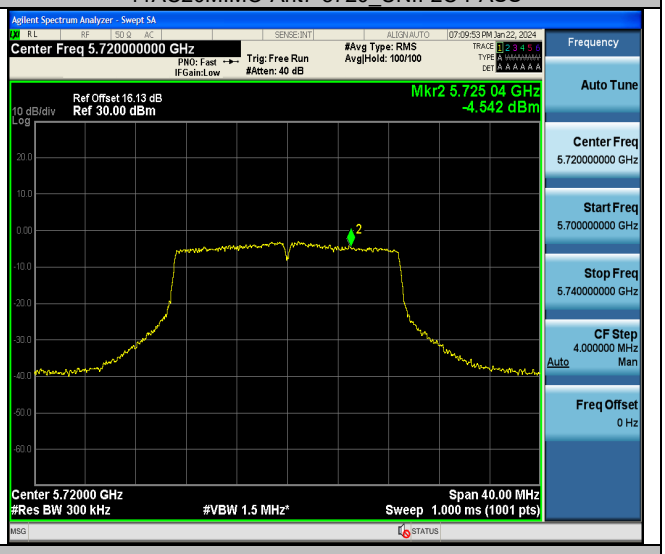
11AC20MIMO-Ant6-5720_UNII-2C-PASS



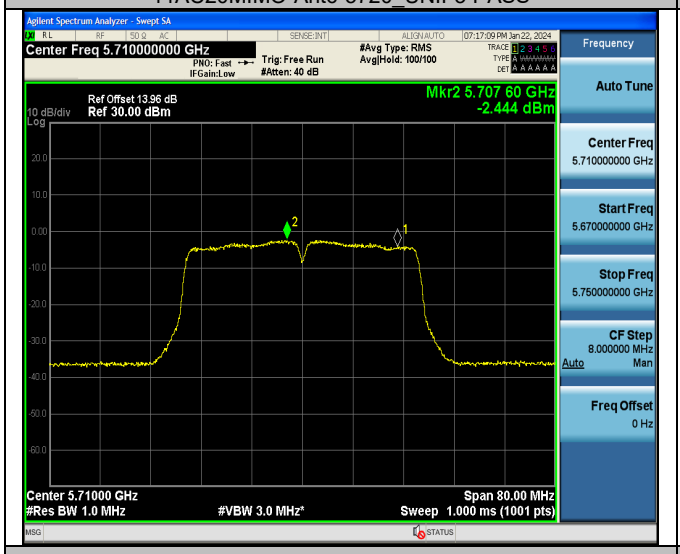
11AC20MIMO-Ant7-5720_UNII-2C-PASS



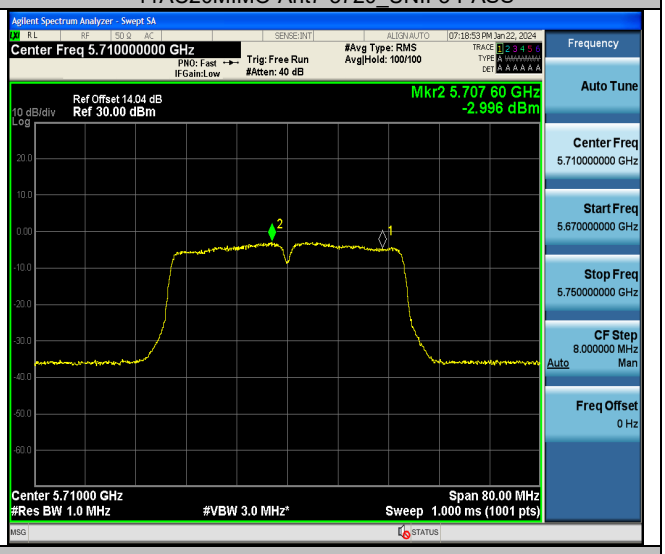
11AC20MIMO-Ant6-5720_UNII-3-PASS



11AC20MIMO-Ant7-5720_UNII-3-PASS

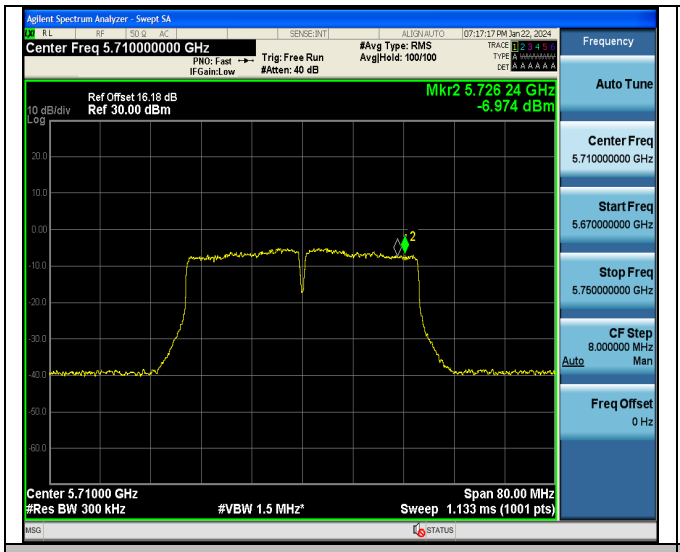


11AC40MIMO-Ant6-5710_UNII-2C-PASS

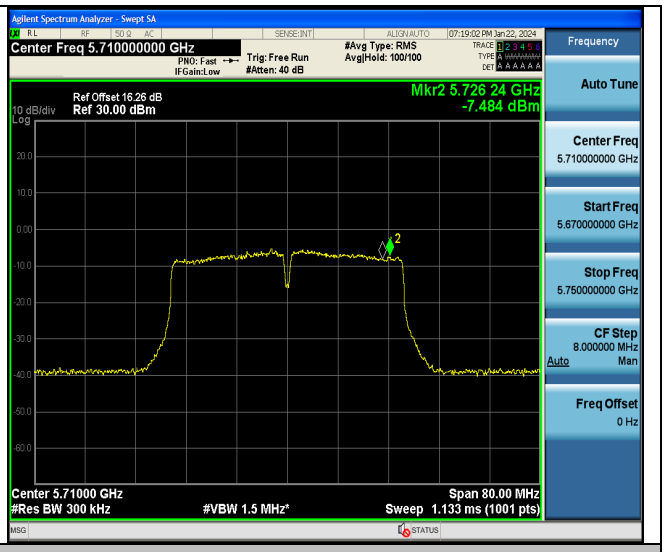


11AC40MIMO-Ant7-5710_UNII-2C-PASS

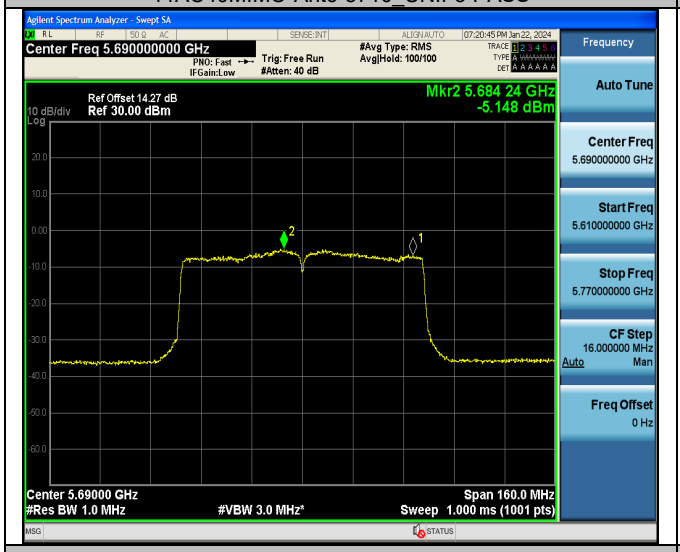
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.



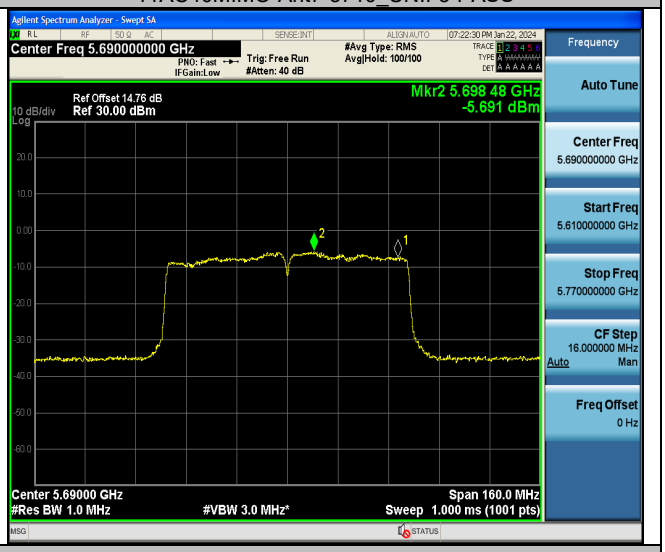
11AC40MIMO-Ant6-5710_UNII-3-PASS



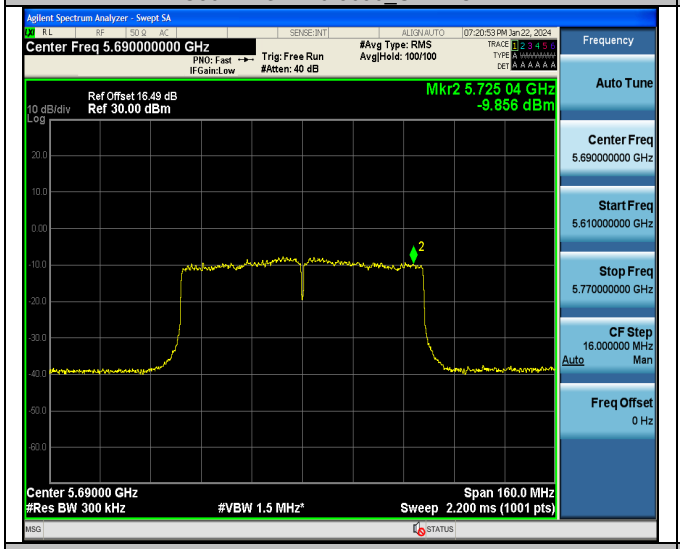
11AC40MIMO-Ant7-5710_UNII-3-PASS



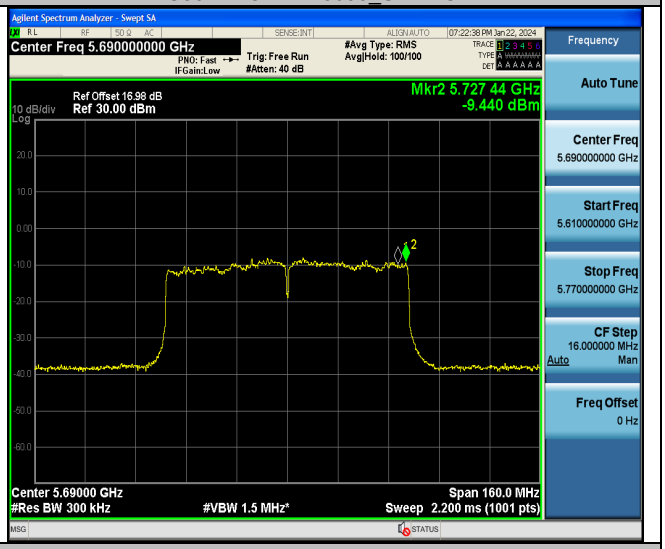
11AC80MIMO-Ant6-5690_UNII-2C-PASS



11AC80MIMO-Ant7-5690_UNII-2C-PASS



11AC80MIMO-Ant6-5690_UNII-3-PASS



11AC80MIMO-Ant7-5690_UNII-3-PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Radiated Spurious Emissions

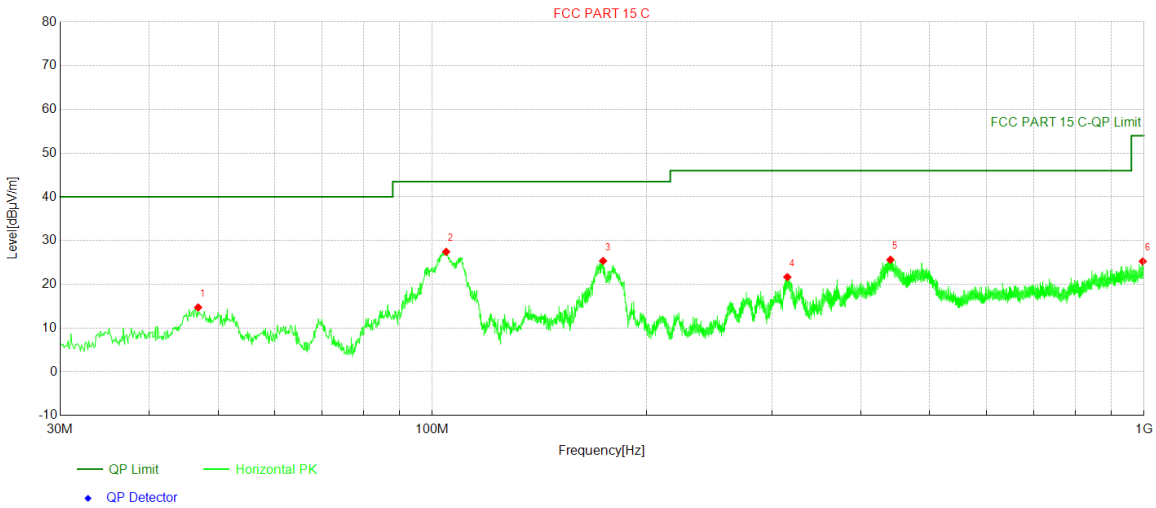
Test Result

FCC ID: PY7-64228M (Lead Model)

Below 1GHz

Project Information			
Mode:	5G WIFI	Voltage:	120V 60HZ
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 C			

Test Graph

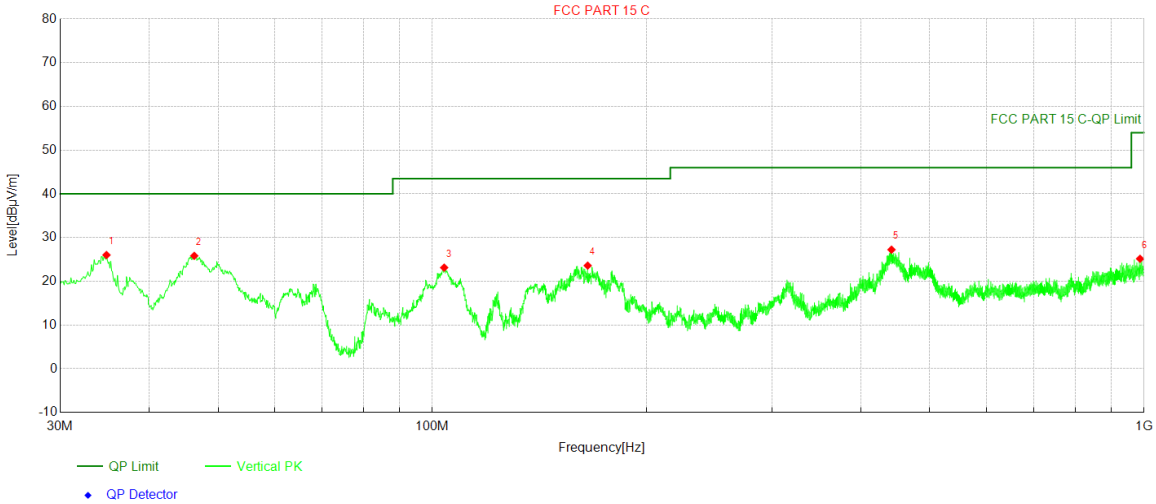


NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	46.878	43.82	-29.11	14.71	40.00	25.29	152	128	PK	Horizontal	PASS
2	104.593	57.03	-29.58	27.45	43.50	16.05	245	295	PK	Horizontal	PASS
3	173.754	55.64	-30.28	25.36	43.50	18.14	269	109	PK	Horizontal	PASS
4	315.374	46.43	-24.77	21.66	46.00	24.34	171	246	PK	Horizontal	PASS
5	440.213	40.34	-14.71	25.63	46.00	20.37	292	65	PK	Horizontal	PASS
6	995.926	36.86	-11.61	25.25	54.00	28.75	195	60	PK	Horizontal	PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	5G WIFI	Voltage:	120V 60HZ
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 C			

Test Graph



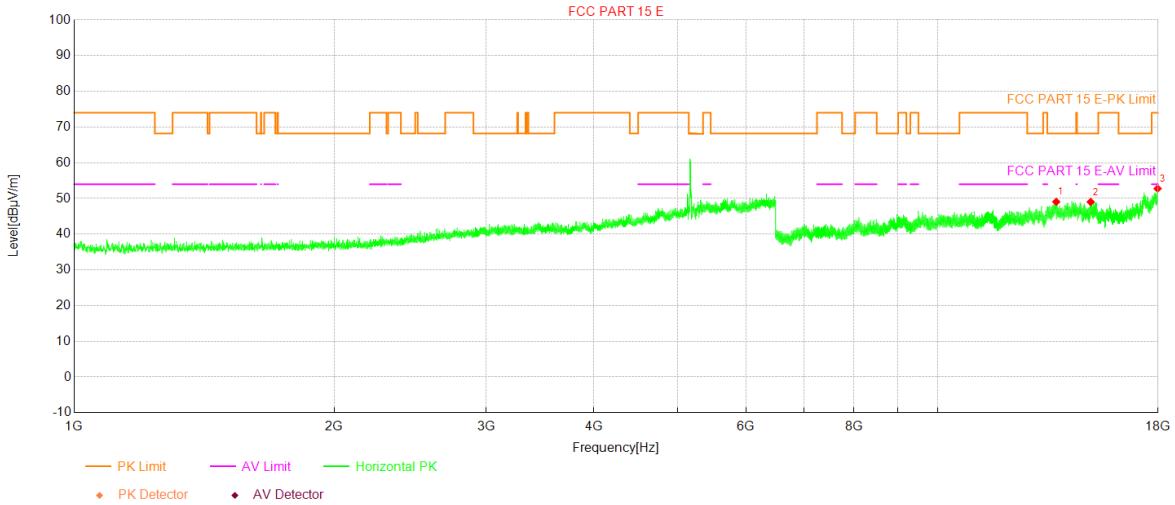
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	34.85	56.88	-30.86	26.02	40.00	13.98	276	20	PK	Vertical	PASS
2	46.296	55.02	-29.19	25.83	40.00	14.17	156	168	PK	Vertical	PASS
3	103.914	52.77	-29.63	23.14	43.50	20.36	166	6	PK	Vertical	PASS
4	165.315	54.78	-31.18	23.60	43.50	19.90	139	267	PK	Vertical	PASS
5	441.765	42.06	-14.82	27.24	46.00	18.76	286	124	PK	Vertical	PASS
6	987.196	37.47	-12.31	25.16	54.00	28.84	259	265	PK	Vertical	PASS

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Above 1GHz

Project Information			
Mode:	802.11 a	Band:	U-NII-1
Bandwidth	20MHz	Channel	36
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

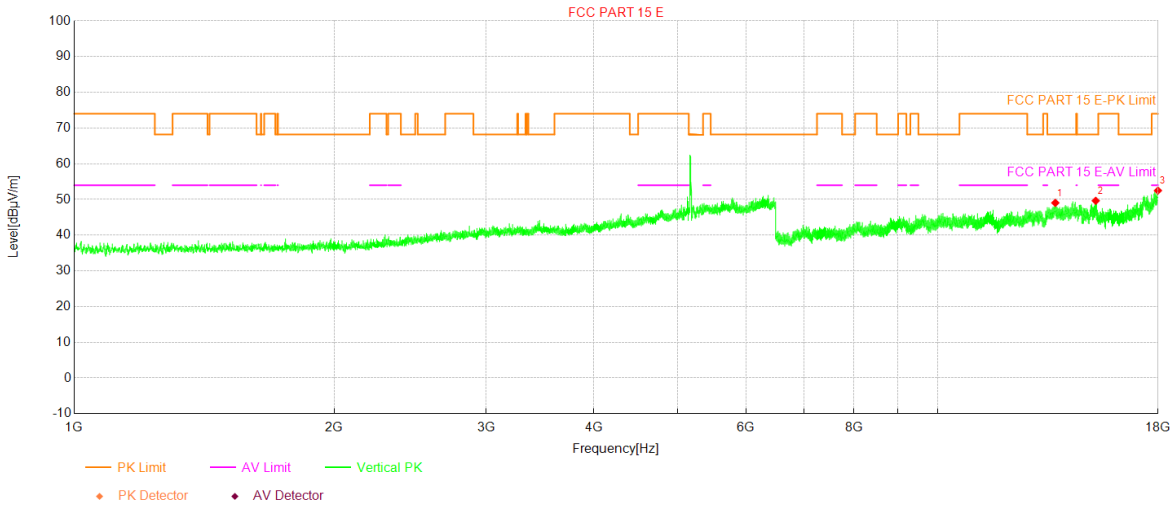


NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13721.0	40.73	8.34	49.07	68.20	19.13	PK	187	135	Horizontal
2	15041.7	40.23	8.79	49.02	68.20	19.18	PK	120	318	Horizontal
3	17980.8	39.26	13.51	52.77	74.00	21.23	PK	245	282	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-1
Bandwidth	20MHz	Channel	36
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

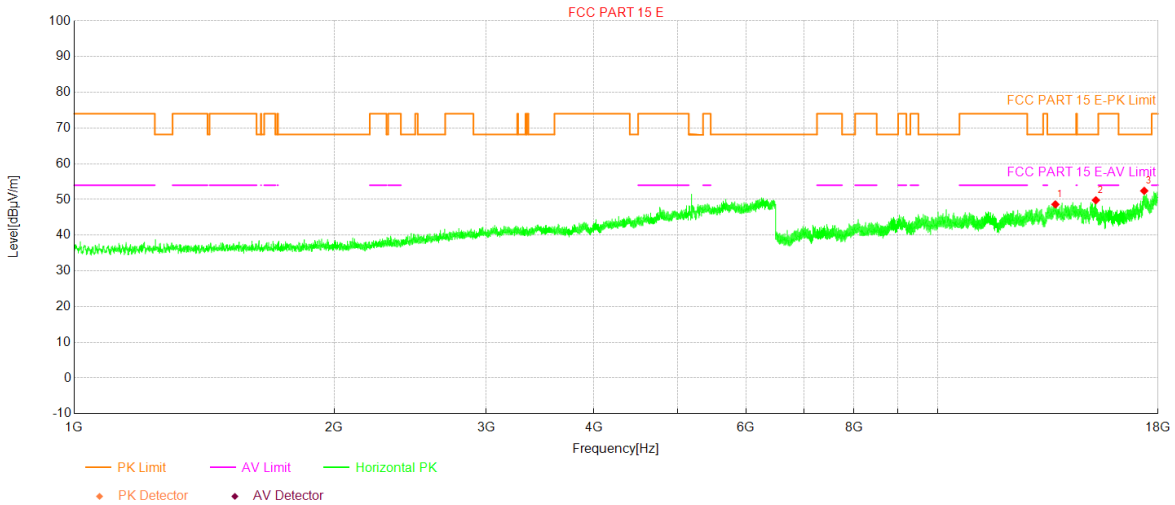


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13687.3	39.72	9.33	49.05	68.20	19.15	PK	207	120	Vertical
2	15244.5	39.87	9.77	49.64	68.20	18.56	PK	141	171	Vertical
3	17995.0	38.77	13.72	52.49	74.00	21.51	PK	239	359	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-1
Bandwidth	20MHz	Channel	40
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

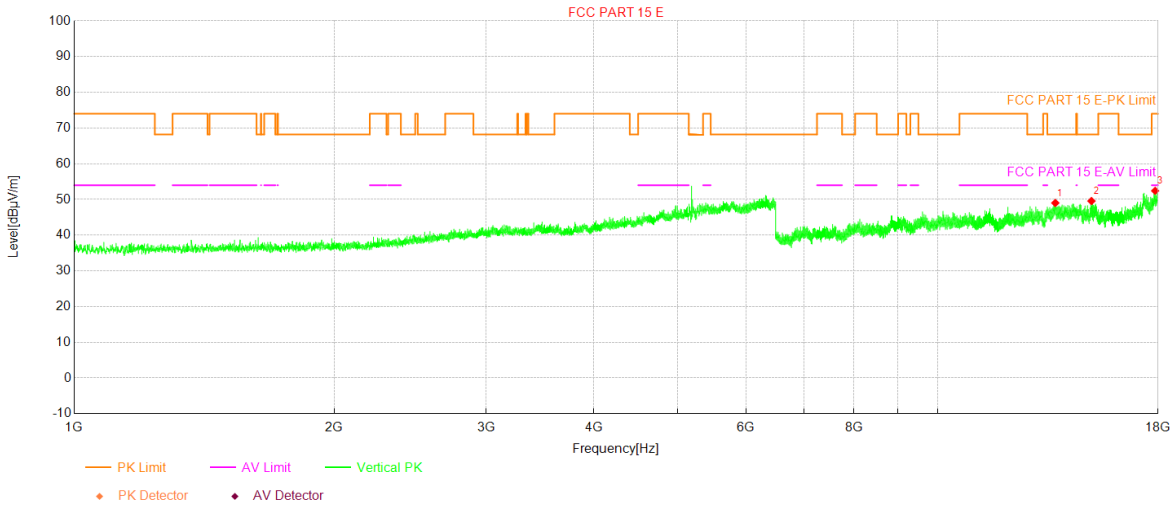


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13690.0	39.27	9.35	48.62	68.20	19.58	PK	117	267	Horizontal
2	15250.6	39.86	9.93	49.79	68.20	18.41	PK	206	237	Horizontal
3	17348.6	40.22	12.20	52.42	68.20	15.78	PK	252	90	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-1
Bandwidth	20MHz	Channel	40
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

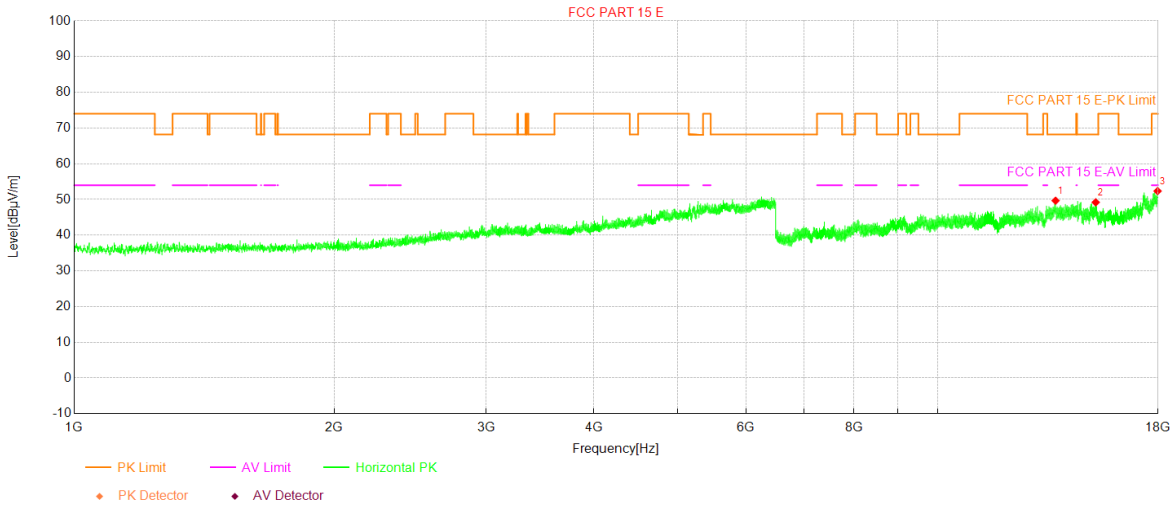


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13687.3	39.69	9.33	49.02	68.20	19.18	PK	146	76	Vertical
2	15072.0	40.42	9.14	49.56	68.20	18.64	PK	169	334	Vertical
3	17861.9	38.59	13.83	52.42	74.00	21.58	PK	208	334	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-1
Bandwidth	20MHz	Channel	48
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

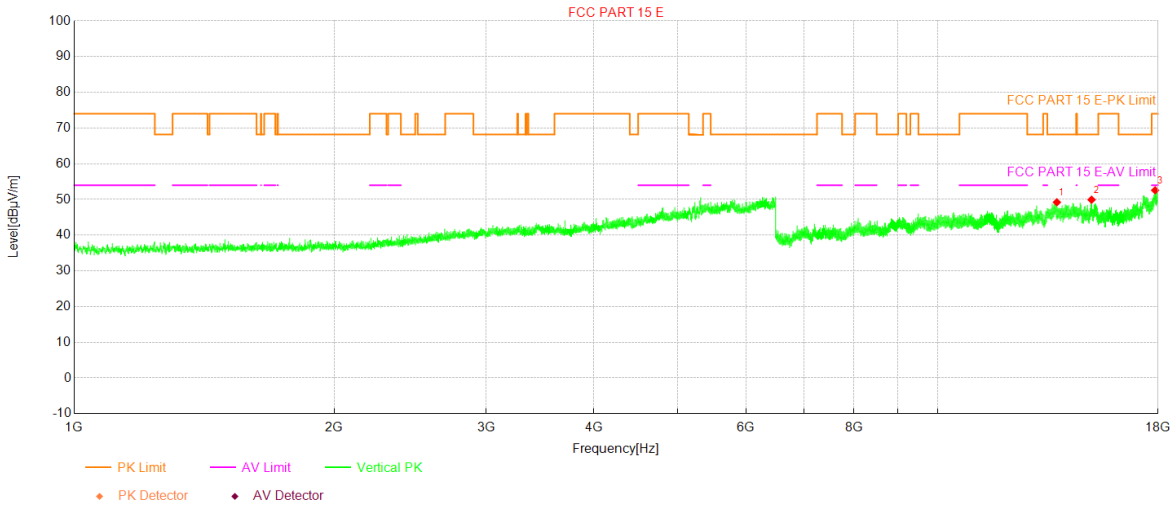


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13696.5	40.27	9.40	49.67	68.20	18.53	PK	207	360	Horizontal
2	15244.5	39.44	9.77	49.21	68.20	18.99	PK	141	296	Horizontal
3	17978.1	38.89	13.47	52.36	74.00	21.64	PK	239	157	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-1
Bandwidth	20MHz	Channel	48
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

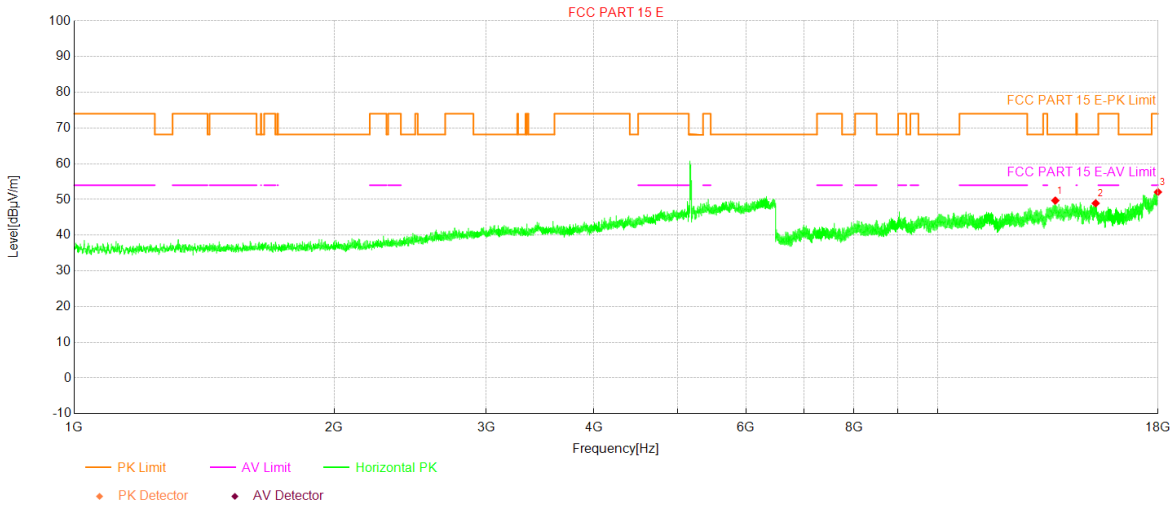


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13744.4	42.08	7.14	49.22	68.20	18.98	PK	124	274	Vertical
2	15076.9	40.81	9.12	49.93	68.20	18.27	PK	209	311	Vertical
3	17860.0	38.72	13.86	52.58	74.00	21.42	PK	239	164	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n20	Band:	U-NII-1
Bandwidth	20MHz	Channel	36
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

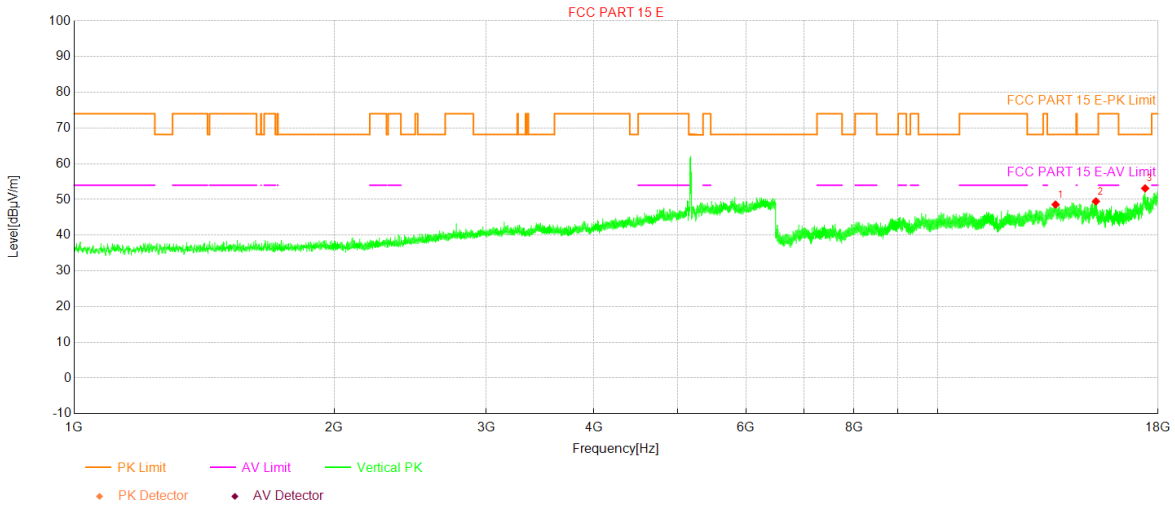


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13685.8	40.37	9.32	49.69	68.20	18.51	PK	250	231	Horizontal
2	15242.9	39.20	9.72	48.92	68.20	19.28	PK	197	290	Horizontal
3	17994.2	38.36	13.71	52.07	74.00	21.93	PK	242	297	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n20	Band:	U-NII-1
Bandwidth	20MHz	Channel	36
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

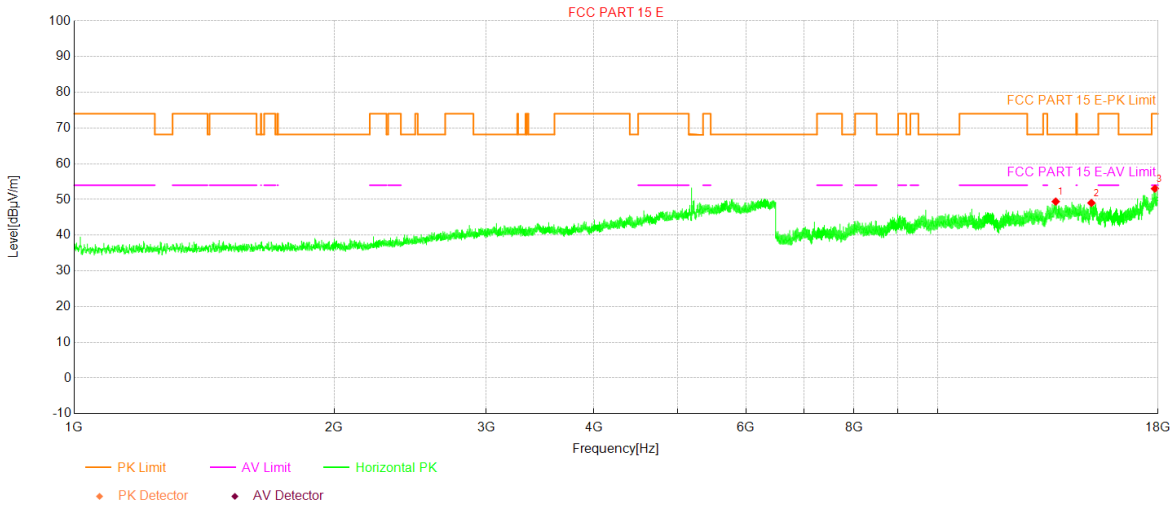


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13695.7	39.19	9.39	48.58	68.20	19.62	PK	190	266	Vertical
2	15251.4	39.55	9.91	49.46	68.20	18.74	PK	221	91	Vertical
3	17391.2	41.01	12.10	53.11	68.20	15.09	PK	244	18	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n20	Band:	U-NII-1
Bandwidth	20MHz	Channel	40
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

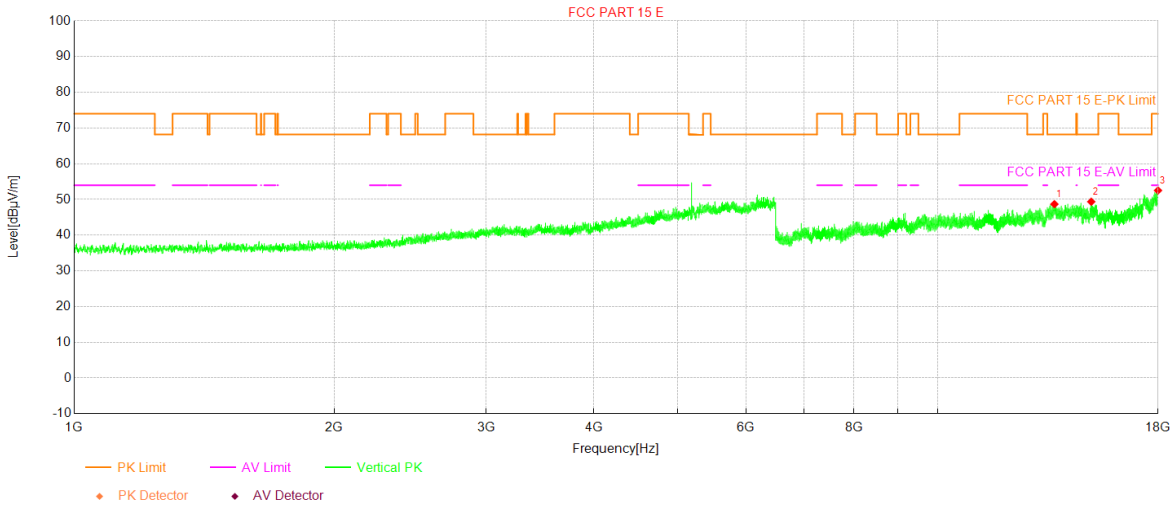


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13701.5	40.07	9.34	49.41	68.20	18.79	PK	180	353	Horizontal
2	15070.4	39.88	9.14	49.02	68.20	19.18	PK	135	237	Horizontal
3	17851.2	39.06	13.97	53.03	74.00	20.97	PK	199	75	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n20	Band:	U-NII-1
Bandwidth	20MHz	Channel	40
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

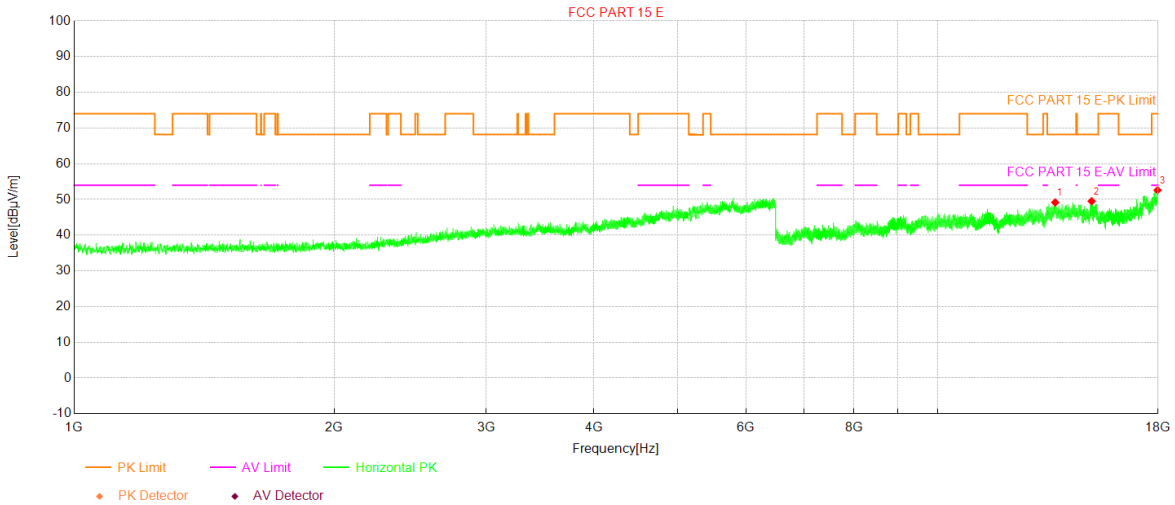


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13653.2	39.60	9.08	48.68	68.20	19.52	PK	123	135	Vertical
2	15064.7	40.20	9.17	49.37	68.20	18.83	PK	164	156	Vertical
3	17998.0	38.76	13.76	52.52	74.00	21.48	PK	260	47	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n20	Band:	U-NII-1
Bandwidth	20MHz	Channel	48
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

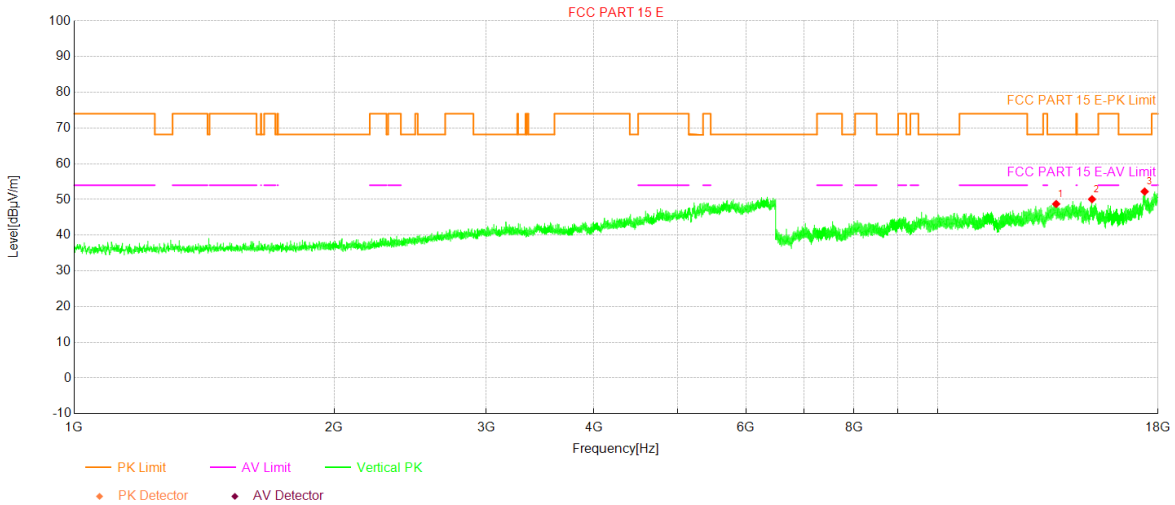


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13683.1	39.86	9.30	49.16	68.20	19.04	PK	256	267	Horizontal
2	15081.2	40.41	9.10	49.51	68.20	18.69	PK	146	142	Horizontal
3	17976.6	39.15	13.46	52.61	74.00	21.39	PK	151	11	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n20	Band:	U-NII-1
Bandwidth	20MHz	Channel	48
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

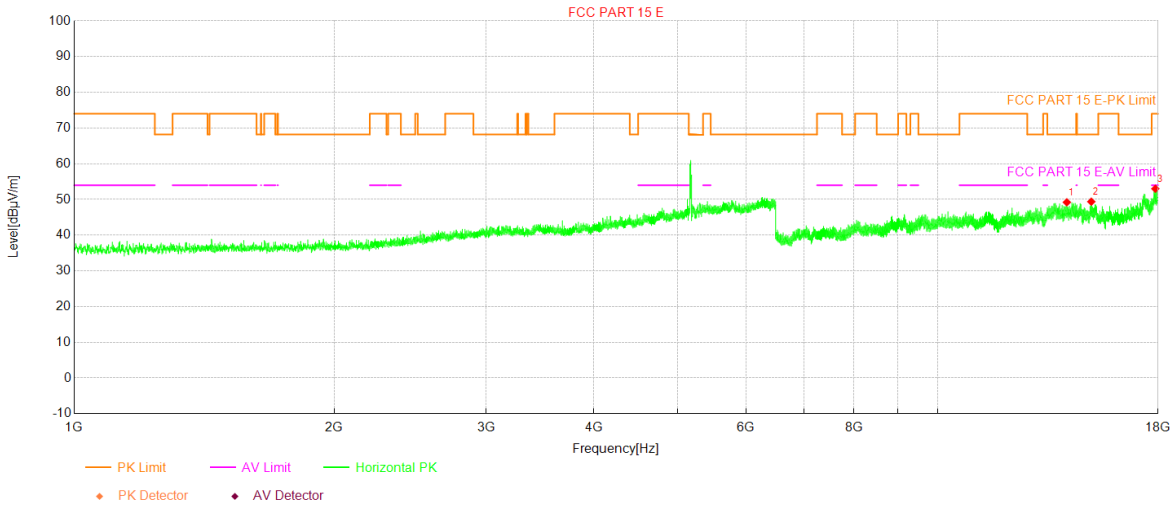


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13718.4	40.26	8.48	48.74	68.20	19.46	PK	162	98	Vertical
2	15094.2	41.03	9.04	50.07	68.20	18.13	PK	215	360	Vertical
3	17370.1	40.05	12.17	52.22	68.20	15.98	PK	225	200	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac20	Band:	U-NII-1
Bandwidth	20MHz	Channel	36
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

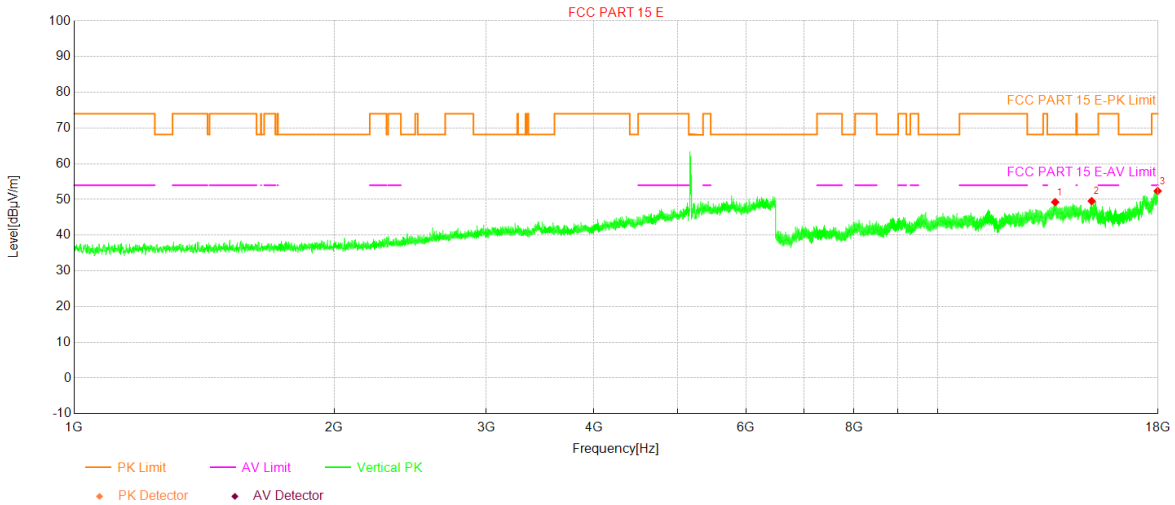


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	14113.6	40.93	8.29	49.22	68.20	18.98	PK	131	40	Horizontal
2	15064.7	40.22	9.17	49.39	68.20	18.81	PK	199	187	Horizontal
3	17871.1	39.30	13.71	53.01	74.00	20.99	PK	166	112	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac20	Band:	U-NII-1
Bandwidth	20MHz	Channel	36
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

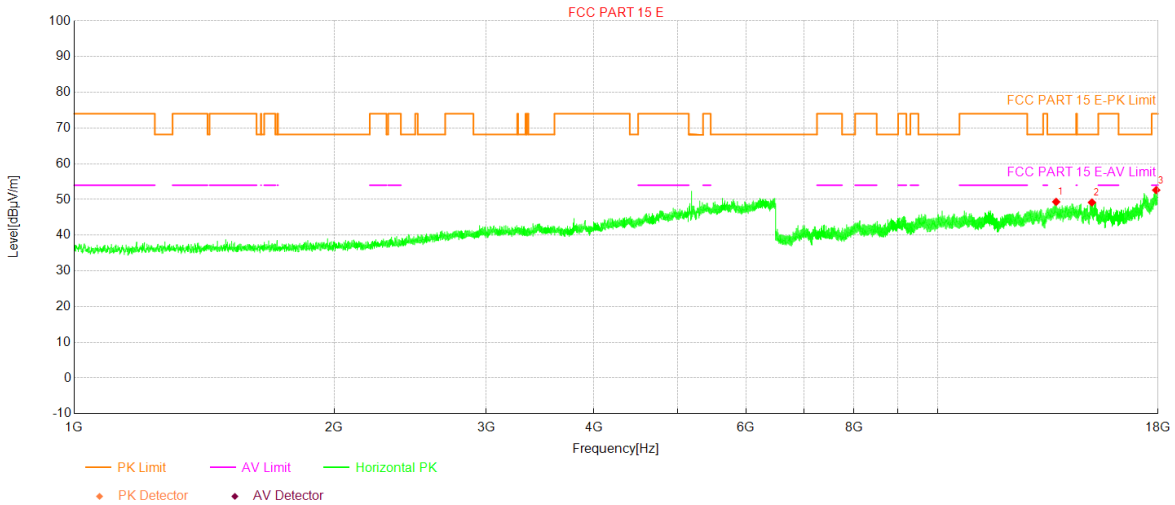


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13682.3	39.97	9.29	49.26	68.20	18.94	PK	178	77	Vertical
2	15079.6	40.44	9.11	49.55	68.20	18.65	PK	139	304	Vertical
3	17981.9	38.84	13.53	52.37	74.00	21.63	PK	260	339	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac20	Band:	U-NII-1
Bandwidth	20MHz	Channel	40
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

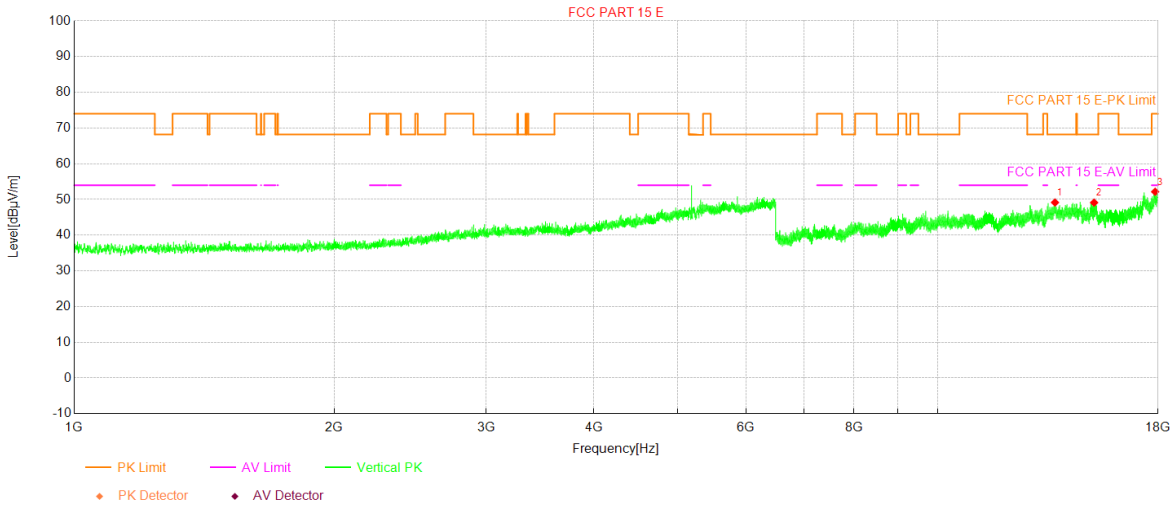


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13718.0	40.84	8.50	49.34	68.20	18.86	PK	126	244	Horizontal
2	15088.4	40.10	9.07	49.17	68.20	19.03	PK	114	112	Horizontal
3	17912.9	39.35	13.27	52.62	74.00	21.38	PK	239	341	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac20	Band:	U-NII-1
Bandwidth	20MHz	Channel	40
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

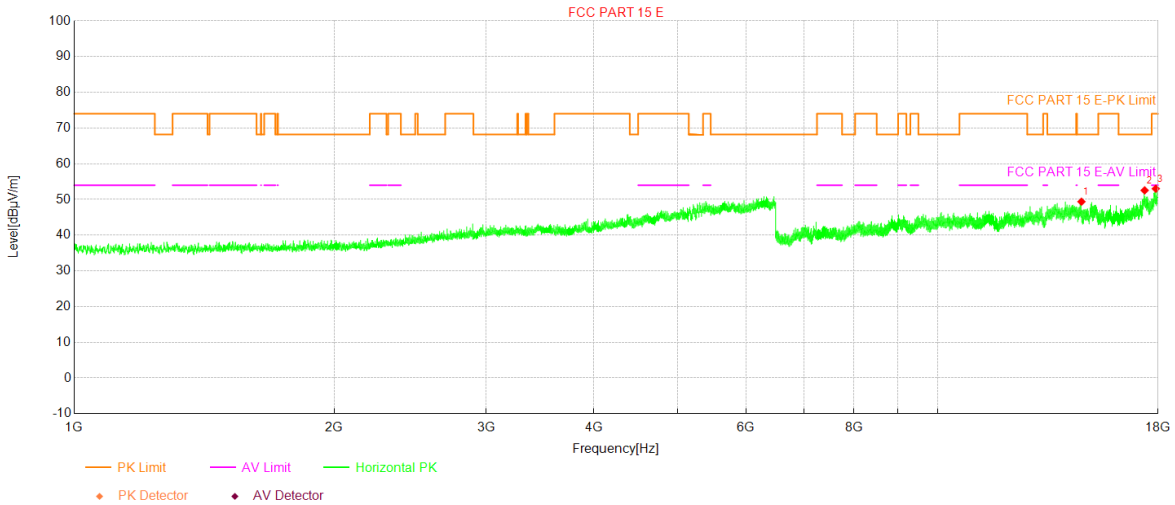


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13675.4	39.90	9.25	49.15	68.20	19.05	PK	146	127	Vertical
2	15177.0	41.11	8.01	49.12	68.20	19.08	PK	176	32	Vertical
3	17863.1	38.34	13.82	52.16	74.00	21.84	PK	231	360	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac20	Band:	U-NII-1
Bandwidth	20MHz	Channel	48
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

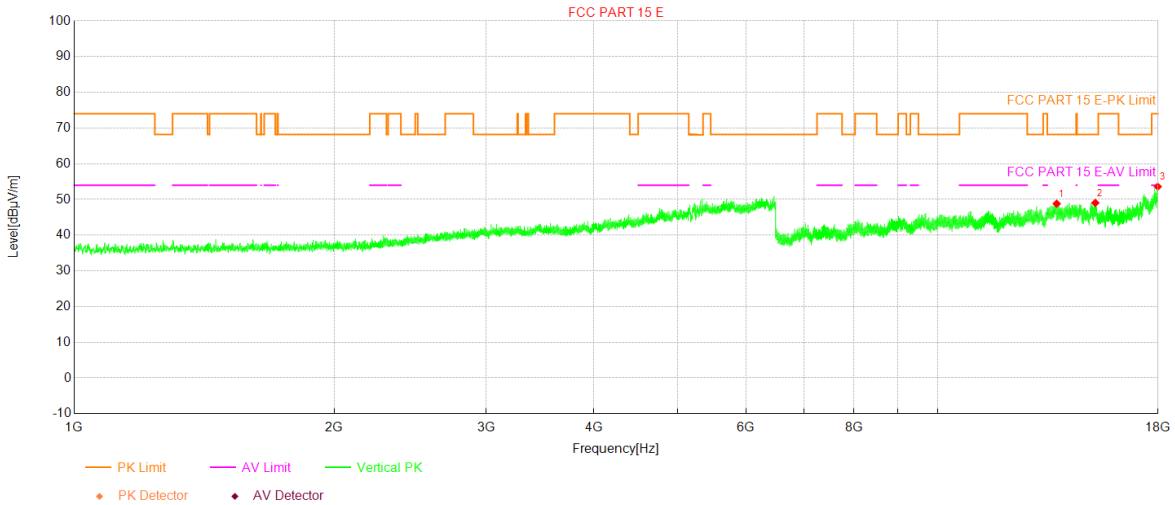


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	14675.2	40.11	9.27	49.38	68.20	18.82	PK	100	325	Horizontal
2	17368.6	40.37	12.18	52.55	68.20	15.65	PK	170	296	Horizontal
3	17891.8	39.58	13.44	53.02	74.00	20.98	PK	161	53	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac20	Band:	U-NII-1
Bandwidth	20MHz	Channel	48
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

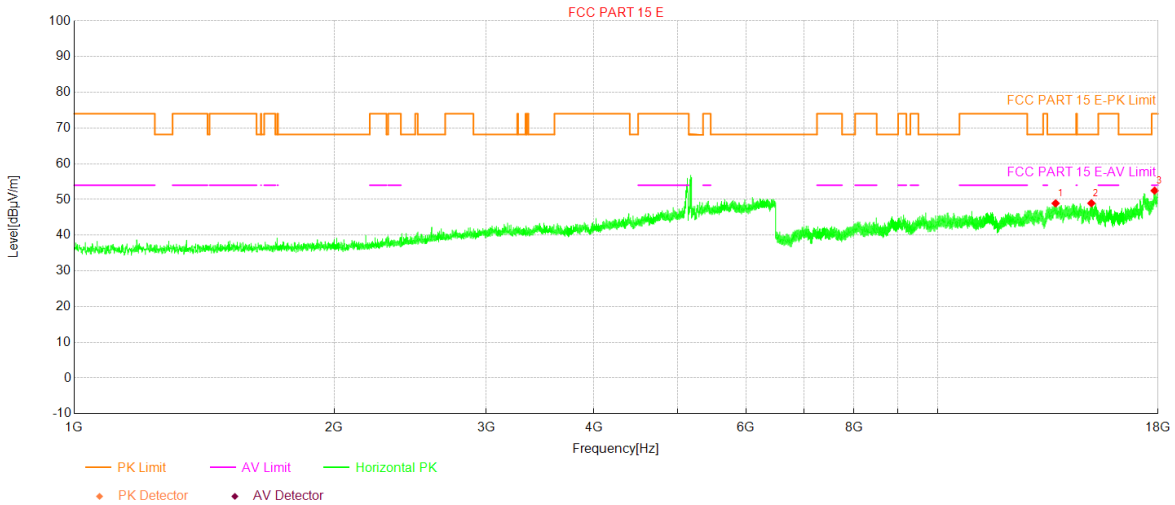


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13737.9	41.33	7.48	48.81	68.20	19.39	PK	219	4	Vertical
2	15226.8	39.87	9.17	49.04	68.20	19.16	PK	118	4	Vertical
3	17986.9	40.01	13.60	53.61	74.00	20.39	PK	241	360	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n40	Band:	U-NII-1
Bandwidth	40MHz	Channel	38
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

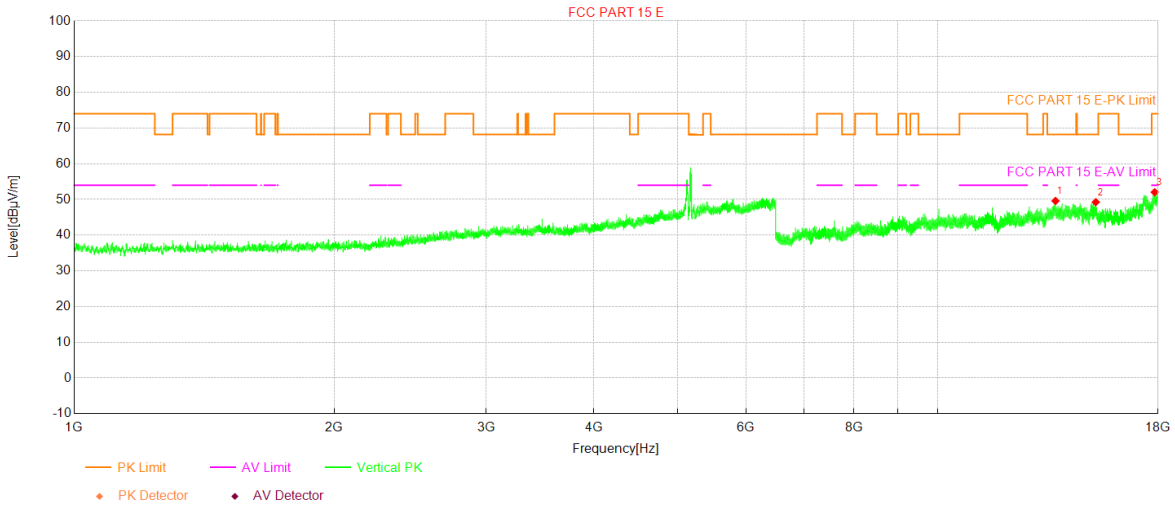


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13697.7	39.51	9.41	48.92	68.20	19.28	PK	118	40	Horizontal
2	15068.1	39.80	9.15	48.95	68.20	19.25	PK	252	259	Horizontal
3	17836.6	39.05	13.42	52.47	74.00	21.53	PK	190	304	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n40	Band:	U-NII-1
Bandwidth	40MHz	Channel	38
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

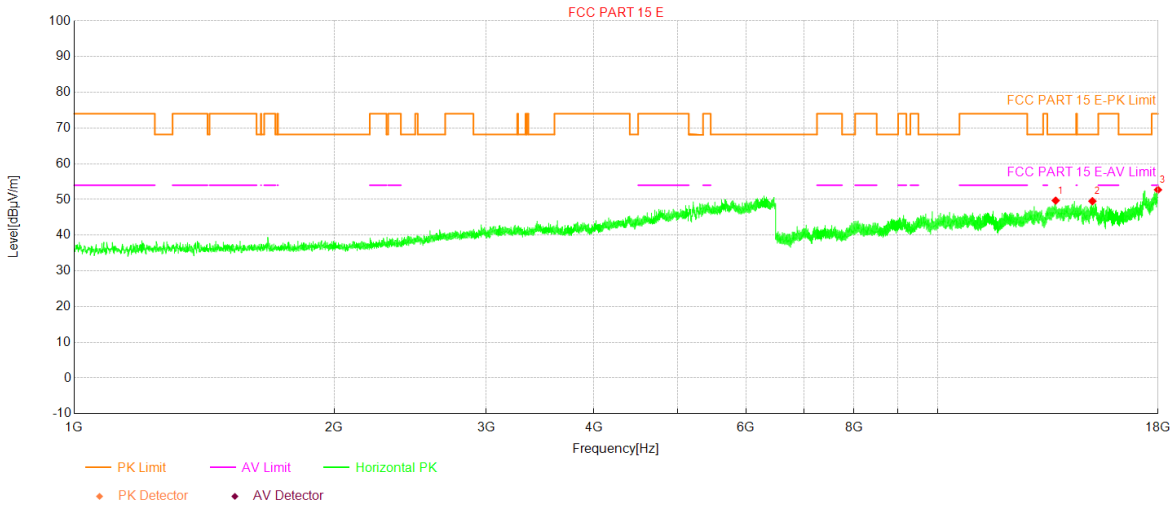


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13692.3	40.23	9.36	49.59	68.20	18.61	PK	180	105	Vertical
2	15247.5	39.40	9.87	49.27	68.20	18.93	PK	113	90	Vertical
3	17840.1	38.46	13.57	52.03	74.00	21.97	PK	168	105	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n40	Band:	U-NII-1
Bandwidth	40MHz	Channel	46
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

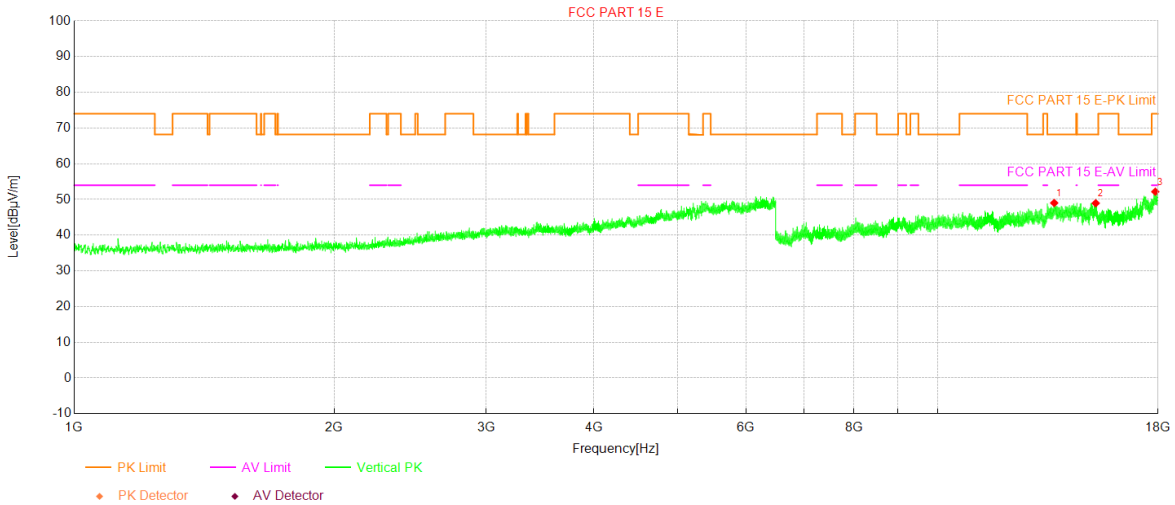


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13700.3	40.29	9.40	49.69	68.20	18.51	PK	123	319	Horizontal
2	15109.9	40.76	8.76	49.52	68.20	18.68	PK	213	157	Horizontal
3	17996.9	38.96	13.75	52.71	74.00	21.29	PK	111	304	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 n40	Band:	U-NII-1
Bandwidth	40MHz	Channel	46
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

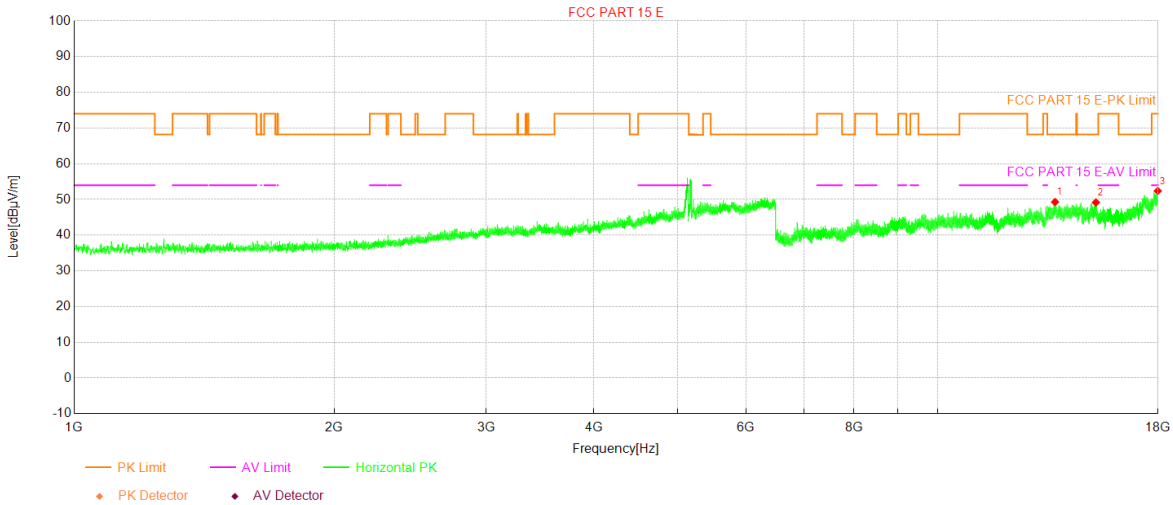


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13647.8	40.03	8.99	49.02	68.20	19.18	PK	245	360	Vertical
2	15244.8	39.17	9.78	48.95	68.20	19.25	PK	108	105	Vertical
3	17868.8	38.43	13.75	52.18	74.00	21.82	PK	298	289	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac40	Band:	U-NII-1
Bandwidth	40MHz	Channel	38
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

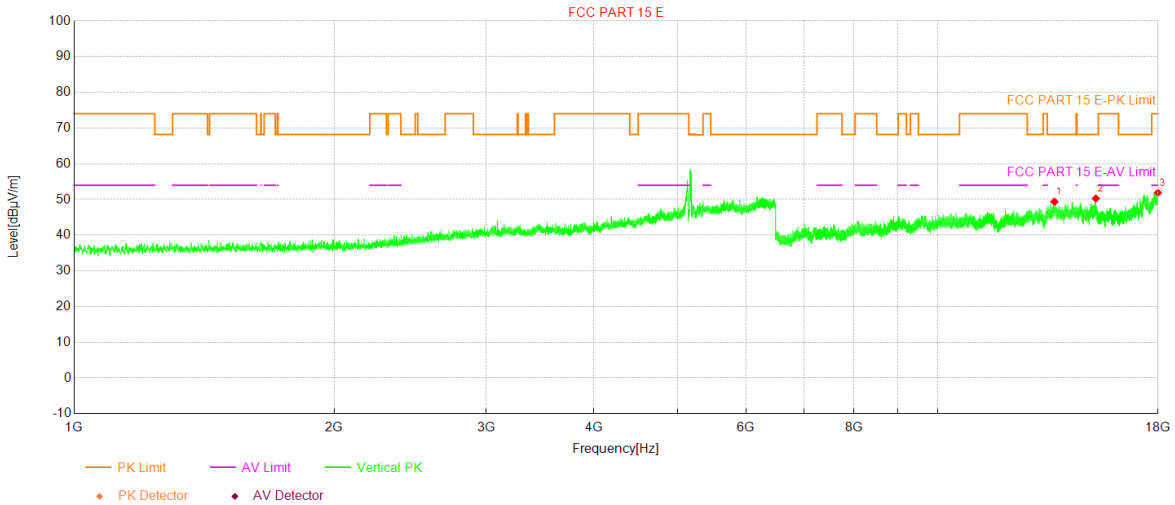


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13677.0	40.03	9.26	49.29	68.20	18.91	PK	123	201	Horizontal
2	15252.5	39.31	9.87	49.18	68.20	19.02	PK	235	201	Horizontal
3	17986.9	38.79	13.60	52.39	74.00	21.61	PK	214	274	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac40	Band:	U-NII-1
Bandwidth	40MHz	Channel	38
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

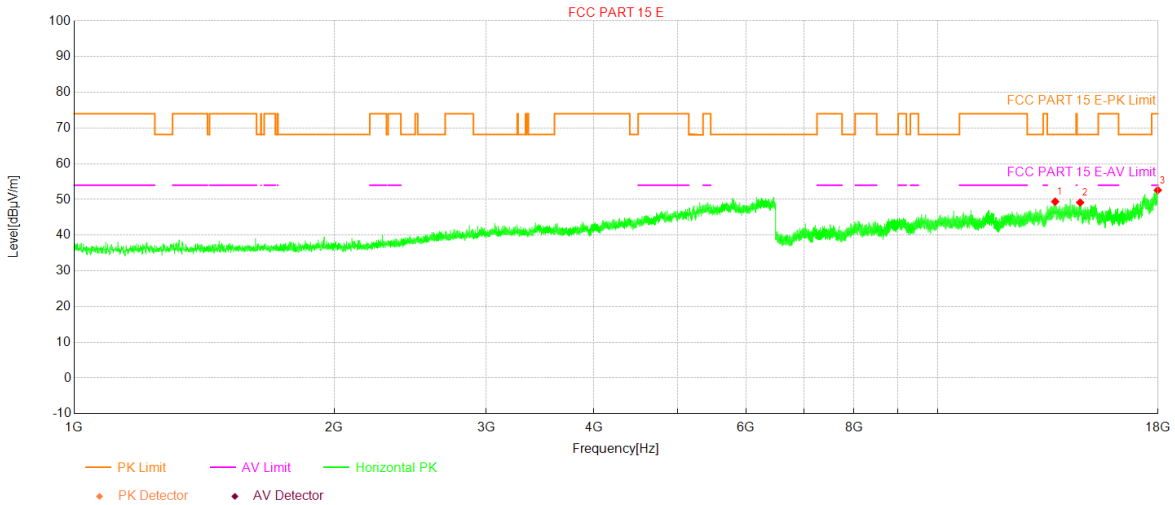


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13653.2	40.31	9.08	49.39	68.20	18.81	PK	162	252	Vertical
2	15251.0	40.36	9.92	50.28	68.20	17.92	PK	197	69	Vertical
3	17995.7	38.17	13.73	51.90	74.00	22.10	PK	107	201	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac40	Band:	U-NII-1
Bandwidth	40MHz	Channel	46
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

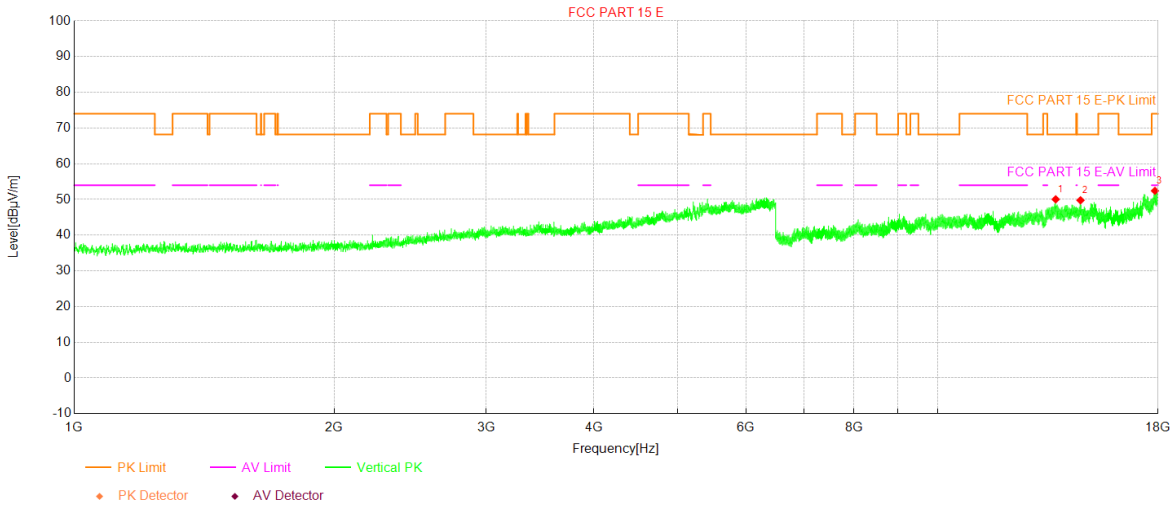


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13682.7	40.11	9.29	49.40	68.20	18.80	PK	287	252	Horizontal
2	14623.1	39.98	9.17	49.15	68.20	19.05	PK	171	245	Horizontal
3	17988.1	38.99	13.62	52.61	74.00	21.39	PK	251	32	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac40	Band:	U-NII-1
Bandwidth	40MHz	Channel	46
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

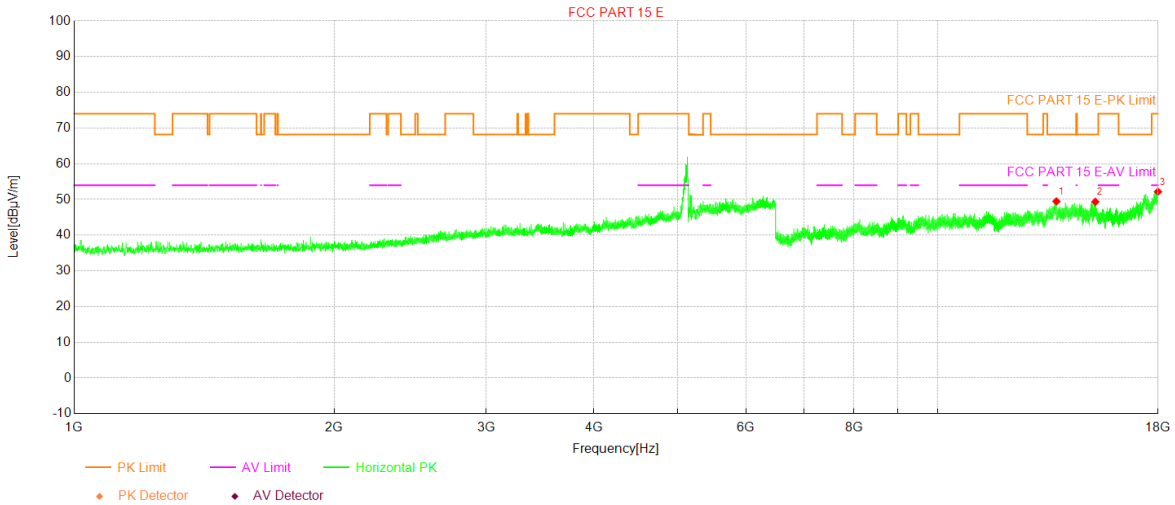


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13701.5	40.70	9.34	50.04	68.20	18.16	PK	120	142	Vertical
2	14637.2	40.22	9.55	49.77	68.20	18.43	PK	217	208	Vertical
3	17852.4	38.47	13.95	52.42	74.00	21.58	PK	109	208	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac80	Band:	U-NII-1
Bandwidth	80MHz	Channel	42
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

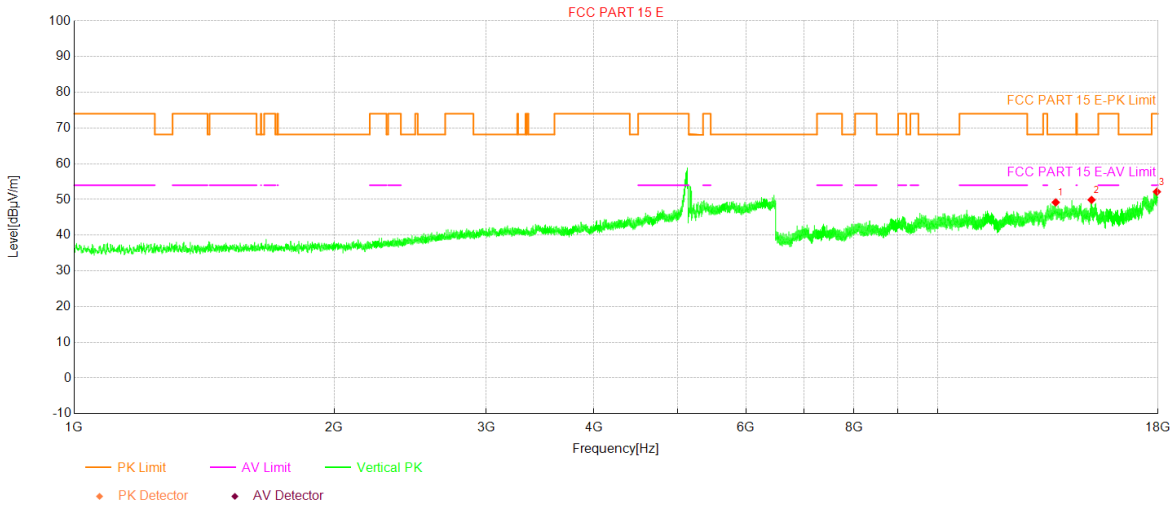


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13727.6	41.47	8.01	49.48	68.20	18.72	PK	245	90	Horizontal
2	15227.6	40.15	9.20	49.35	68.20	18.85	PK	204	46	Horizontal
3	17997.6	38.42	13.76	52.18	74.00	21.82	PK	131	360	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 ac80	Band:	U-NII-1
Bandwidth	80MHz	Channel	42
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

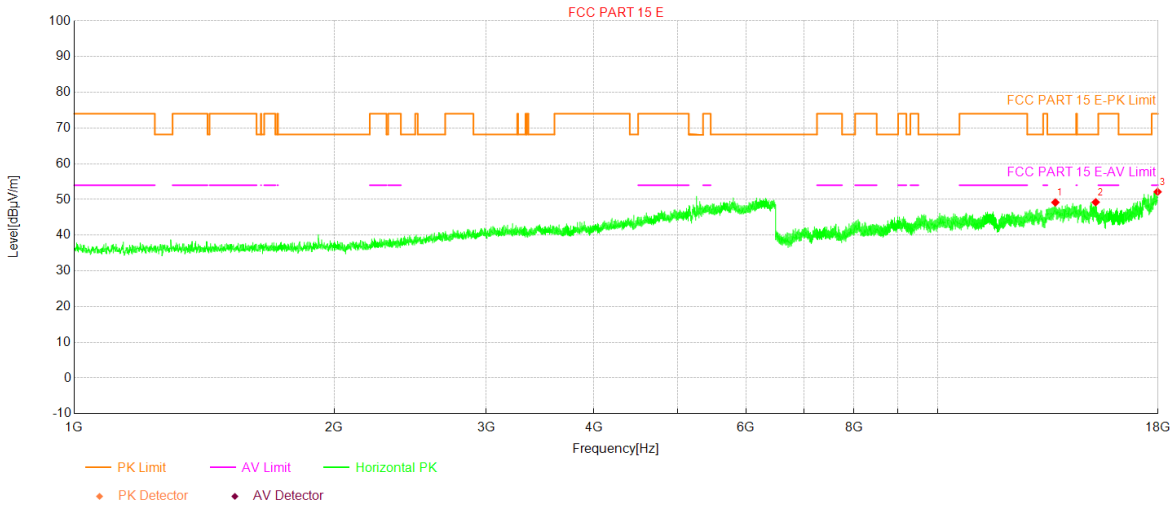


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13701.1	39.83	9.36	49.19	68.20	19.01	PK	246	107	Vertical
2	15075.8	40.77	9.12	49.89	68.20	18.31	PK	106	246	Vertical
3	17945.9	39.07	13.09	52.16	74.00	21.84	PK	153	360	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-2A
Bandwidth	20MHz	Channel	52
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph

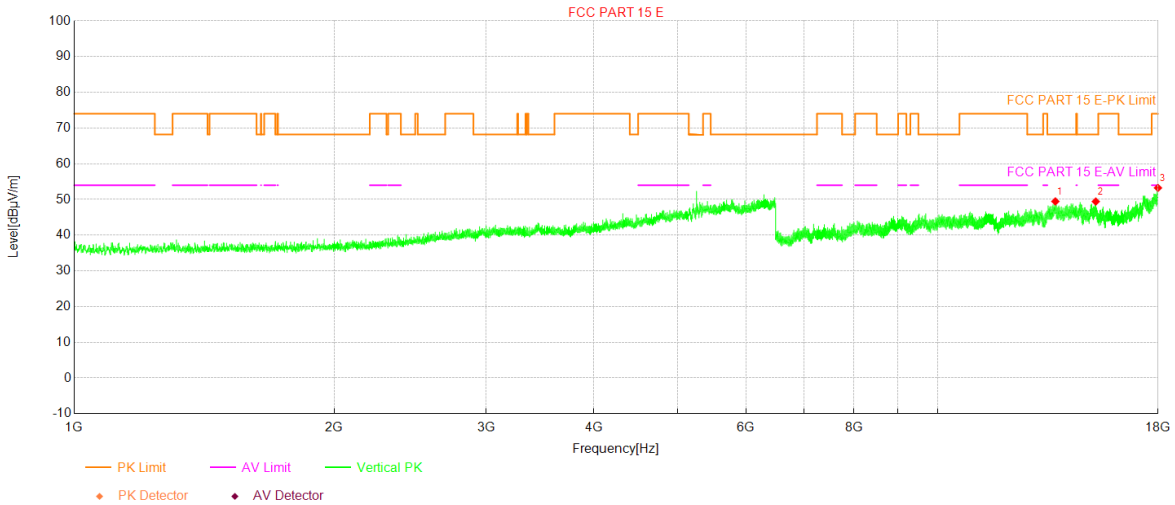


NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13689.2	39.84	9.34	49.18	68.20	19.02	PK	143	105	Horizontal
2	15244.1	39.48	9.76	49.24	68.20	18.96	PK	185	348	Horizontal
3	17979.2	38.64	13.49	52.13	74.00	21.87	PK	155	230	Horizontal

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.

Project Information			
Mode:	802.11 a	Band:	U-NII-2A
Bandwidth	20MHz	Channel	52
SN:	HQ63B1038C	Engineer:	欧树炎
Remark:	Polarity: Z		
Test Standard: FCC PART 15 E			

Test Graph



NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	13688.5	40.12	9.34	49.46	68.20	18.74	PK	184	141	Vertical
2	15246.8	39.59	9.84	49.43	68.20	18.77	PK	131	68	Vertical
3	17996.5	39.50	13.74	53.24	74.00	20.76	PK	122	104	Vertical

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from TOWE.