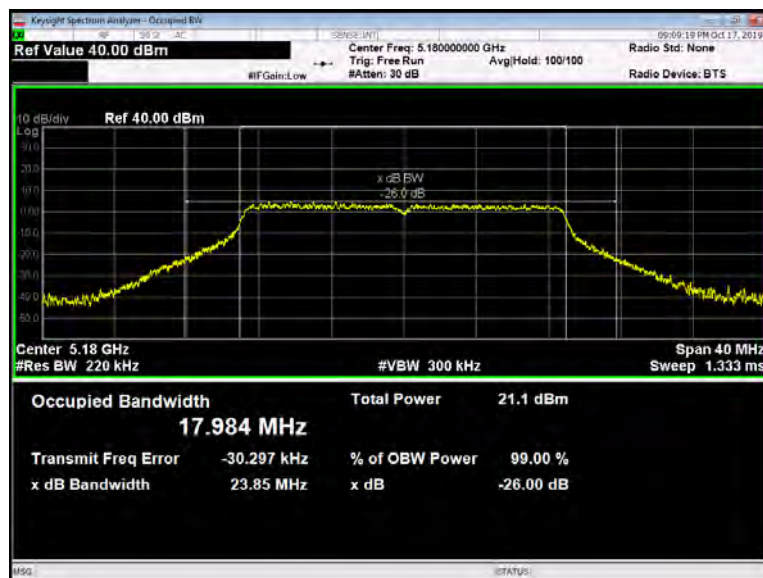
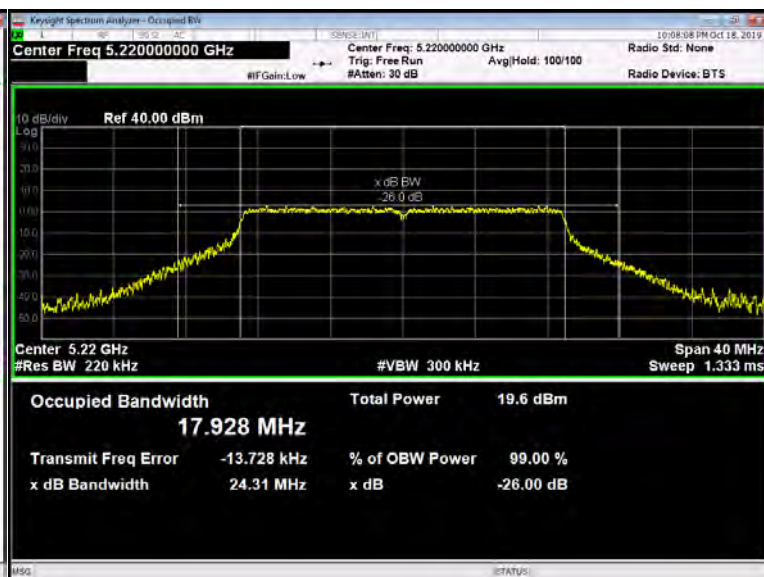
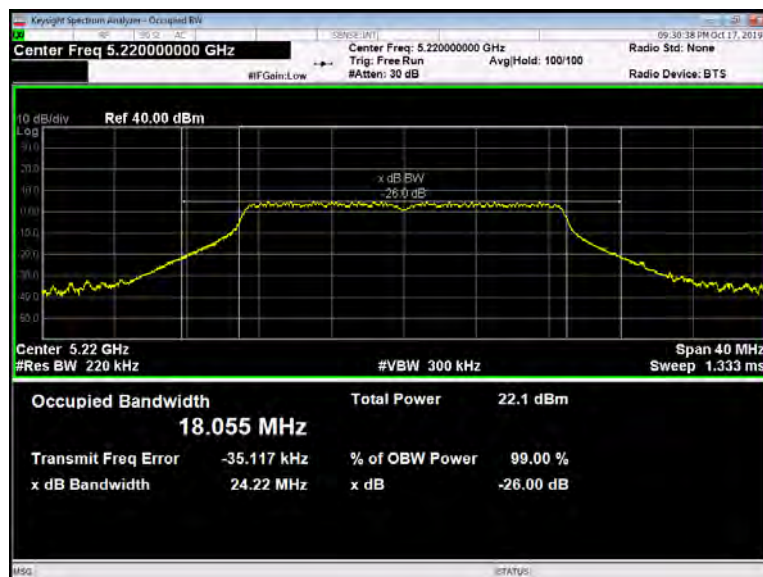




Company:	Airspan Networks			Test Date:		10/17/2019	
EUT Name:	Access Point			Test Engineer:		Andreas Davidsson	
Model:	A5x			Test Result:		PASS	
Operating Mode:	TX Mode						
Mode	Antenna	Test CH	Frequency (MHz)	6/26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	6/26 dB Bandwidth Limit (MHz)	Conclusion
U-NII-1	1	36	5180	23.85	17.984	≥ 0.5	PASS
	2	36	5180	23.94	17.962	≥ 0.5	PASS
	1	44	5220	24.22	18.055	≥ 0.5	PASS
	2	44	5220	24.31	17.928	≥ 0.5	PASS
	1	48	5240	24.36	17.994	≥ 0.5	PASS
	2	48	5240	23.82	17.873	≥ 0.5	PASS
	1	38	5190	42.48	36.476	≥ 0.5	PASS
	2	38	5190	42.45	36.430	≥ 0.5	PASS
	1	46	5230	42.90	36.495	≥ 0.5	PASS
	2	46	5230	42.22	36.412	≥ 0.5	PASS
	1	42	5210	92.09	75.475	≥ 0.5	PASS
	2	42	5210	82.31	75.390	≥ 0.5	PASS
U-NII-3	1	149	5745	17.58	17.754	≥ 0.5	PASS
	2	149	5745	17.62	17.734	≥ 0.5	PASS
	1	157	5785	17.75	17.756	≥ 0.5	PASS
	2	157	5785	17.59	17.737	≥ 0.5	PASS
	1	165	5825	17.80	17.756	≥ 0.5	PASS
	2	165	5825	17.58	17.748	≥ 0.5	PASS
	1	151	5755	36.30	36.217	≥ 0.5	PASS
	2	151	5755	36.31	36.240	≥ 0.5	PASS
	1	159	5795	36.31	36.245	≥ 0.5	PASS
	2	159	5795	36.34	36.232	≥ 0.5	PASS
	1	155	5775	75.29	75.284	≥ 0.5	PASS
	2	155	5775	75.44	75.304	≥ 0.5	PASS
	Test Equipment: Please refer to section 5.2						

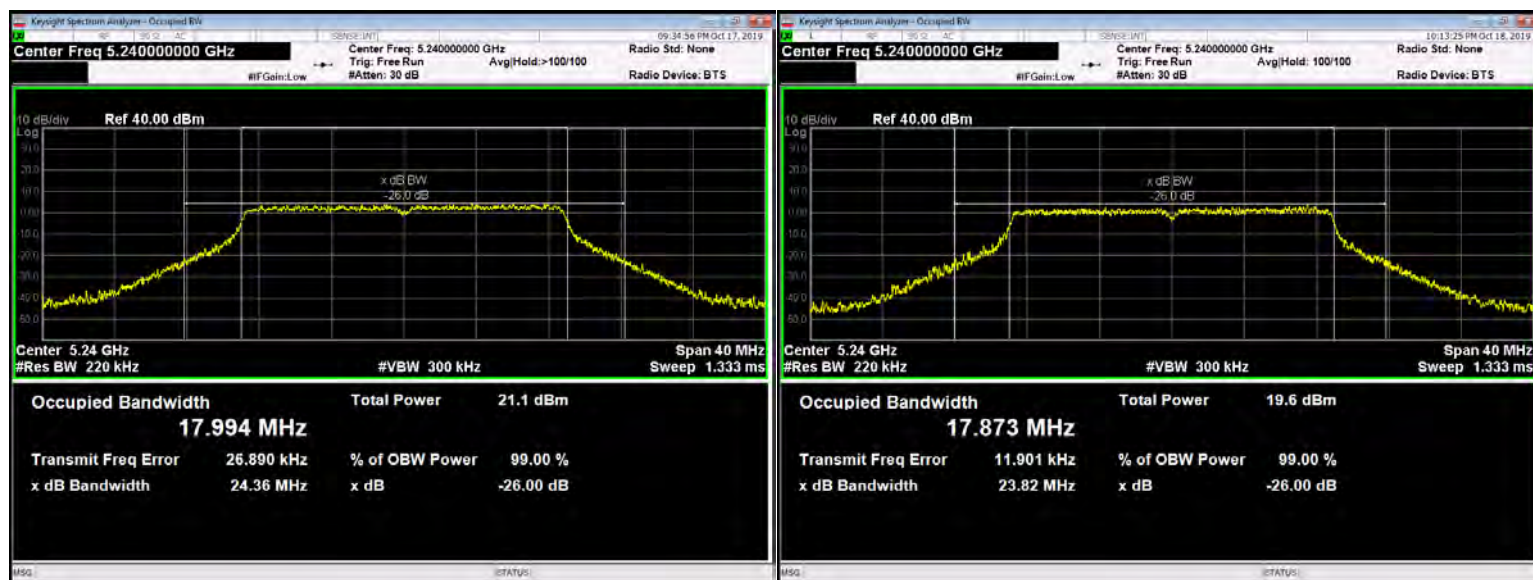
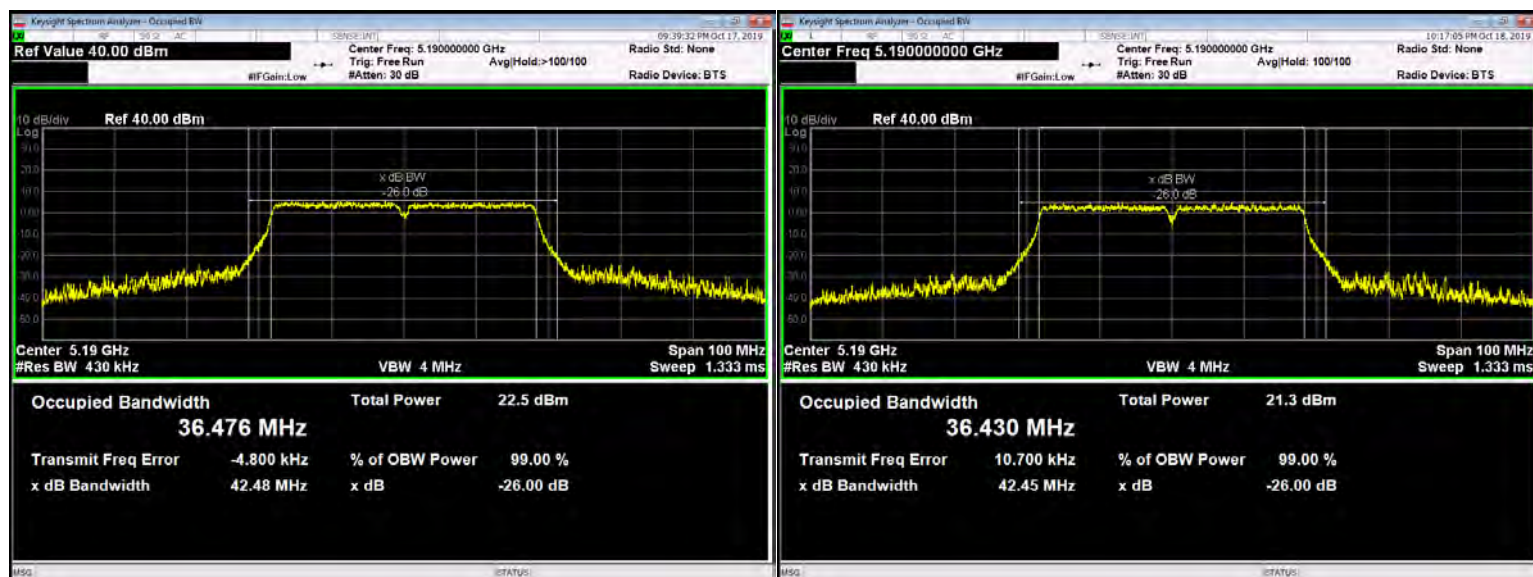
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 36 (5180MHz)****Antenna 1 + 2
Channel 44 (5220MHz)**

**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

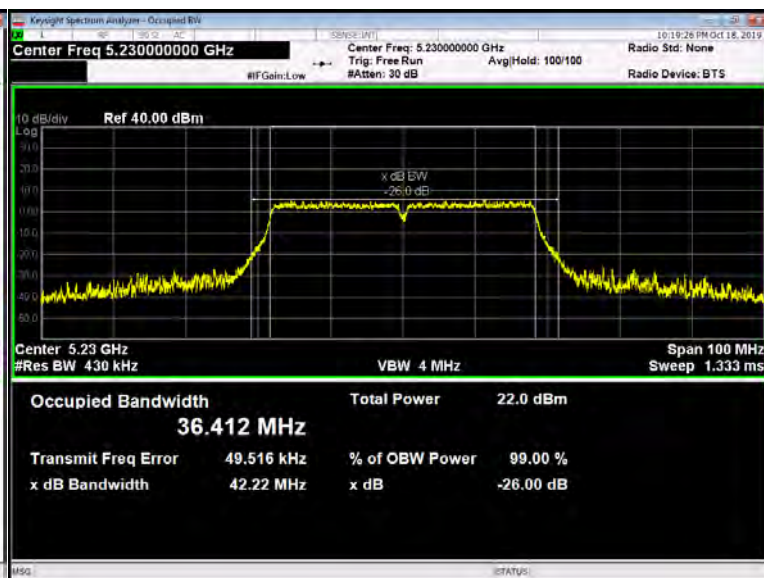
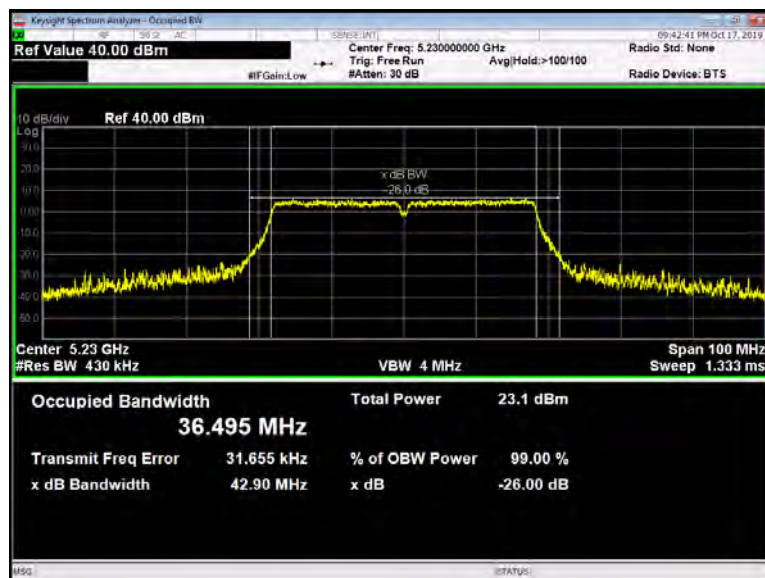
**Antenna 1 + 2
Channel 48 (5240MHz)****Antenna 1 + 2
Channel 38 (5190MHz)**



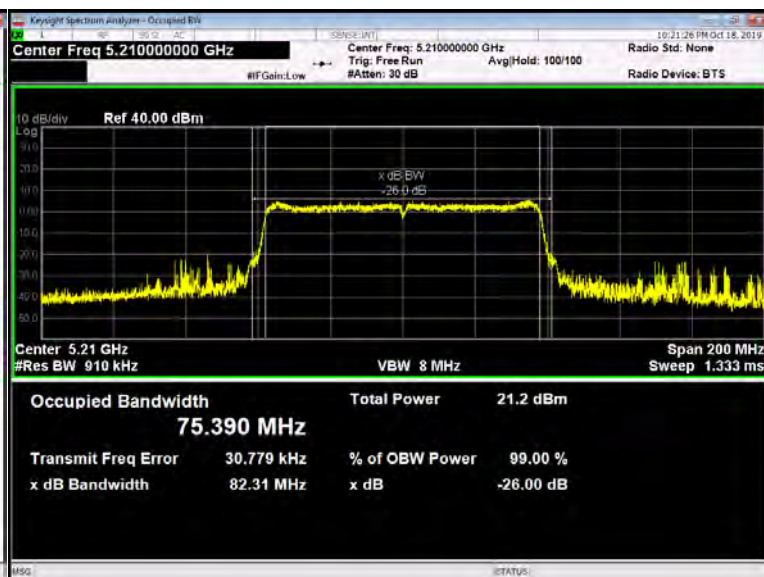
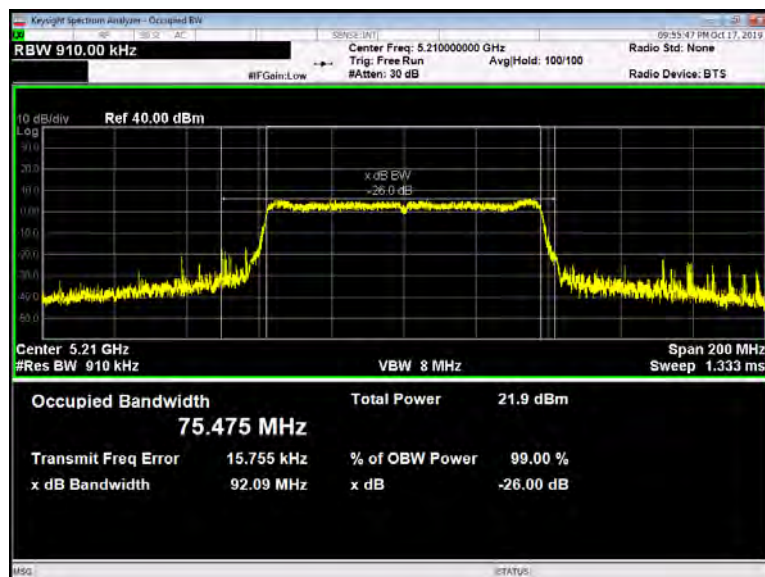
ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 46 (5230MHz)

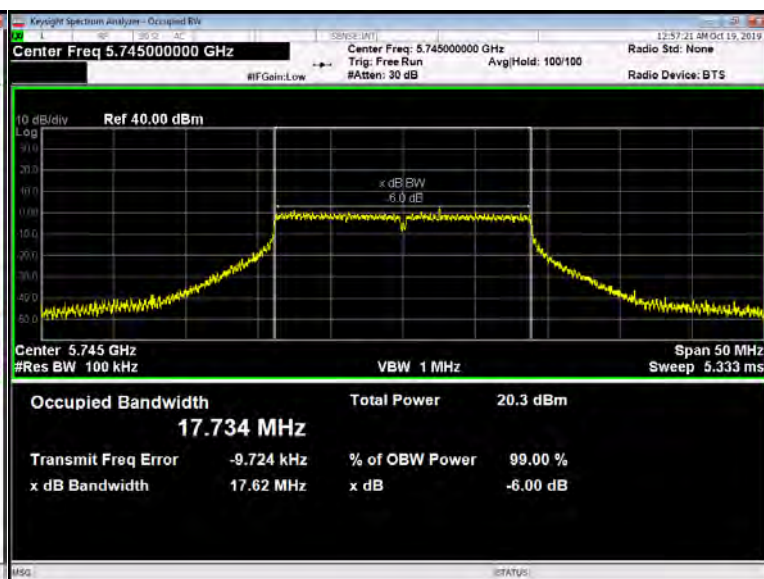
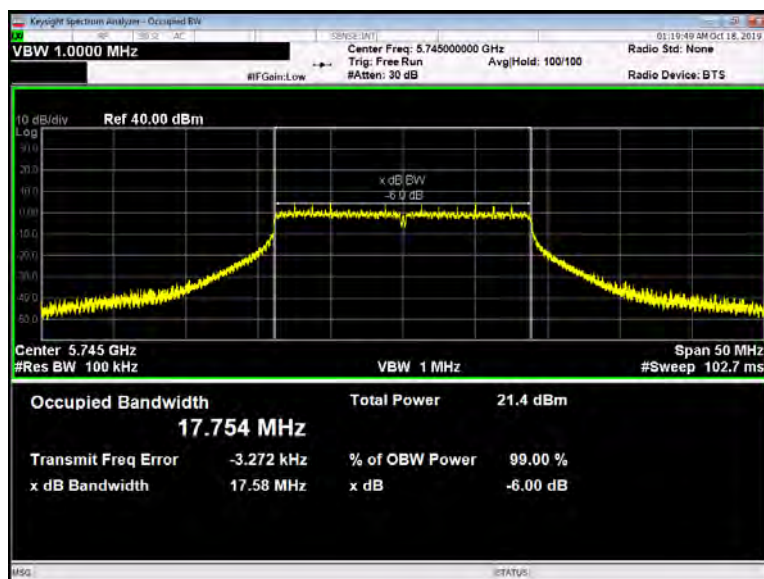
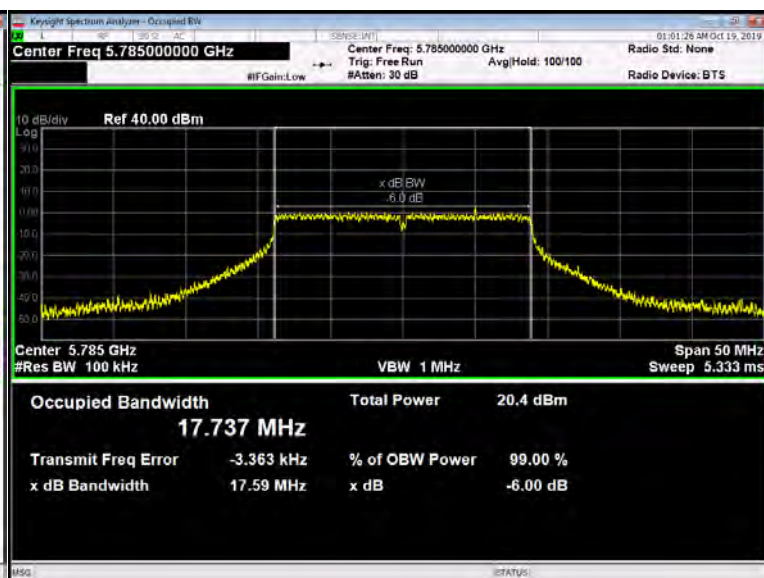
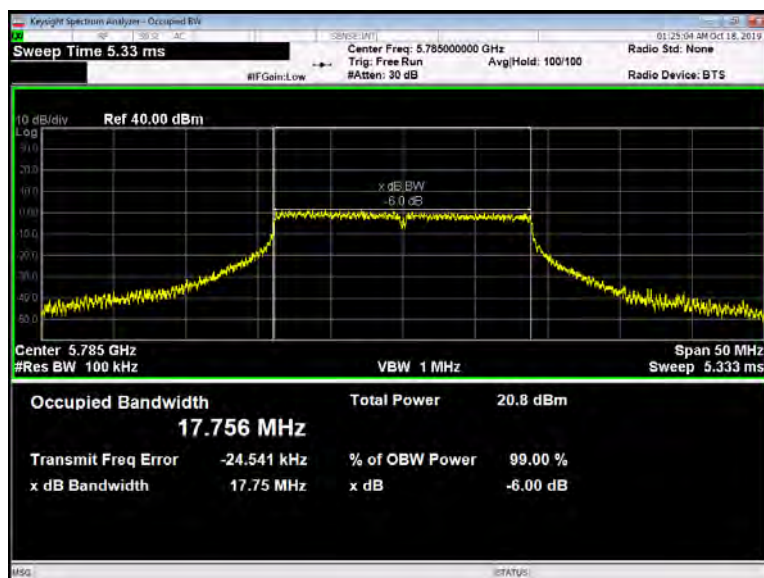


Antenna 1 + 2 Channel 42 (5210MHz)



**ELECTRO MAGNETIC TEST, INC.**

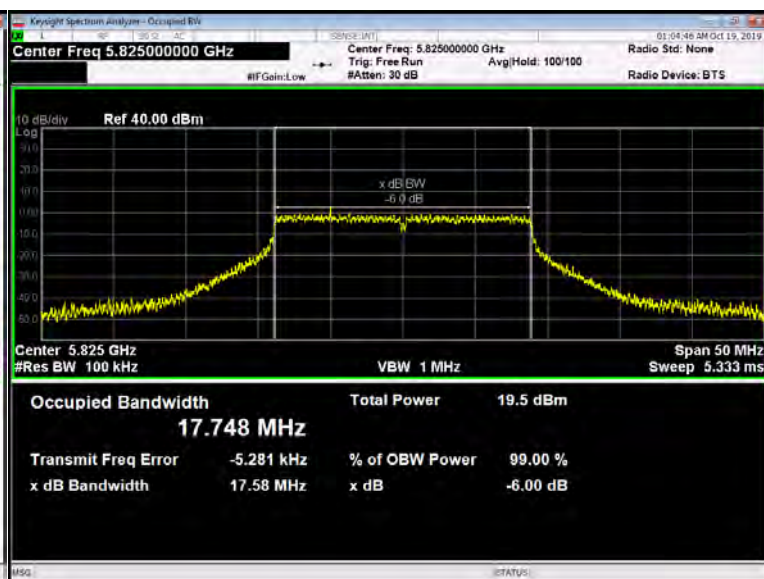
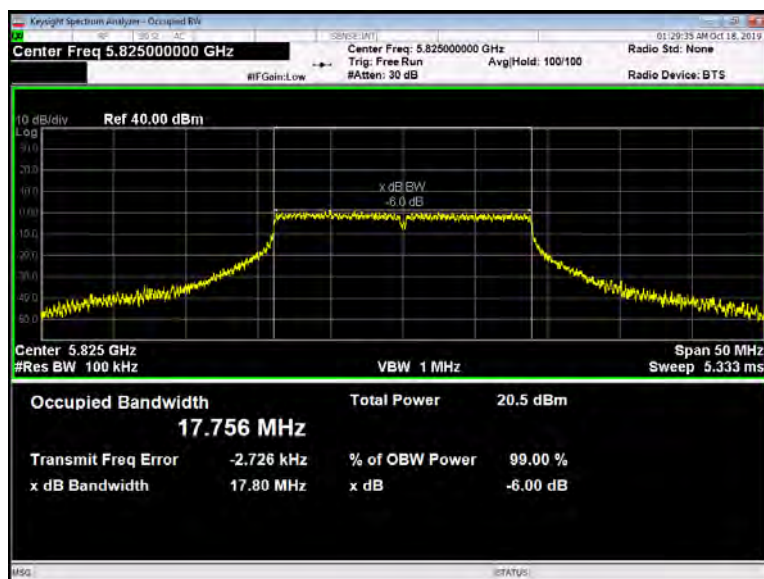
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 149 (5745MHz)****Antenna 1 + 2
Channel 157 (5785MHz)**

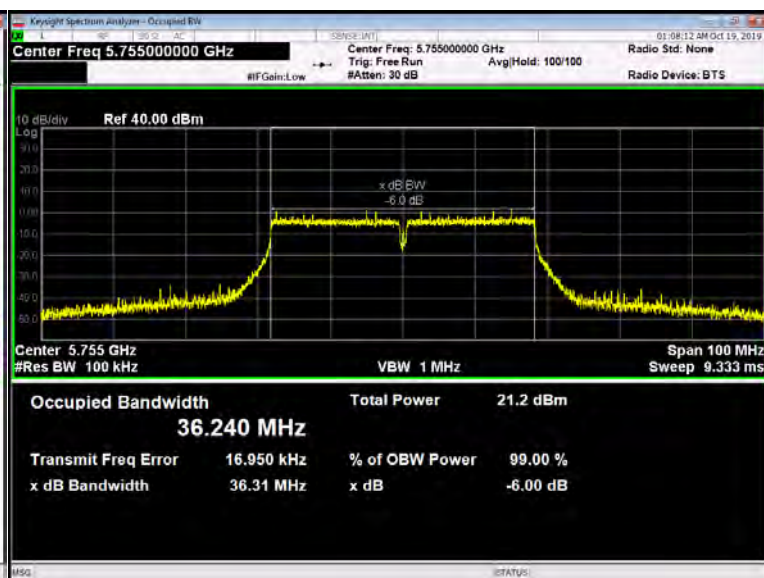
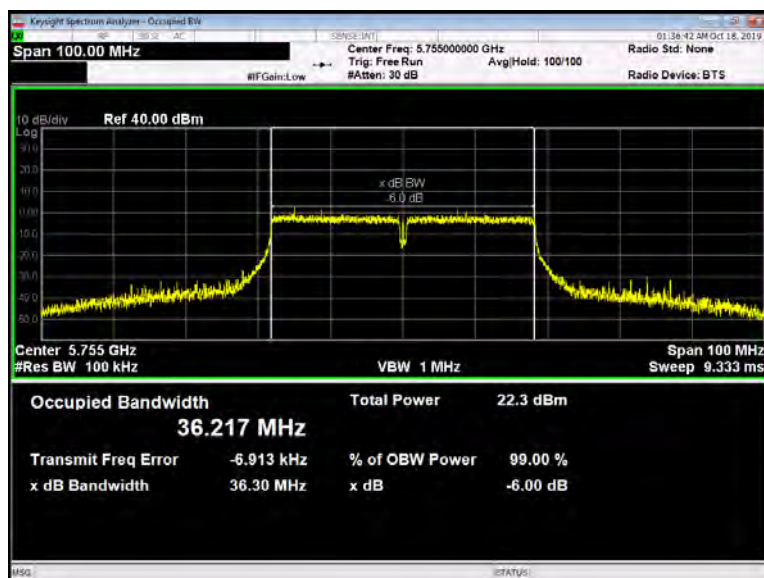
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 165 (5825MHz)

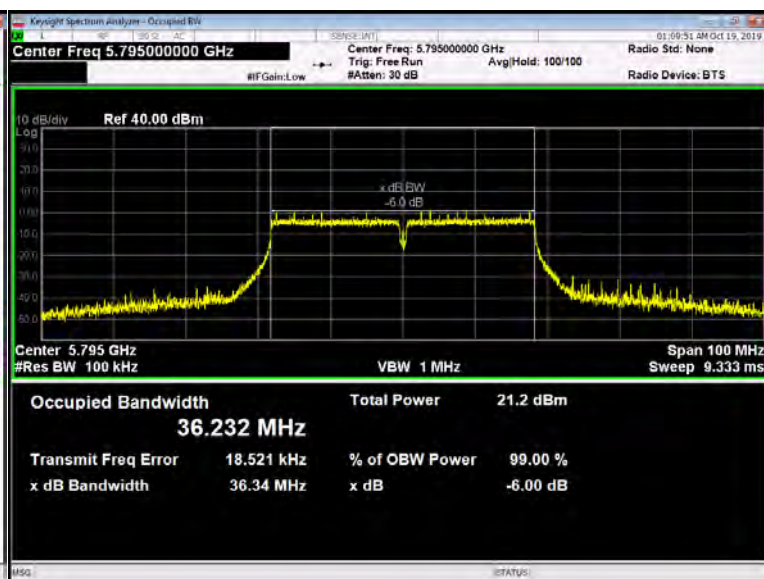
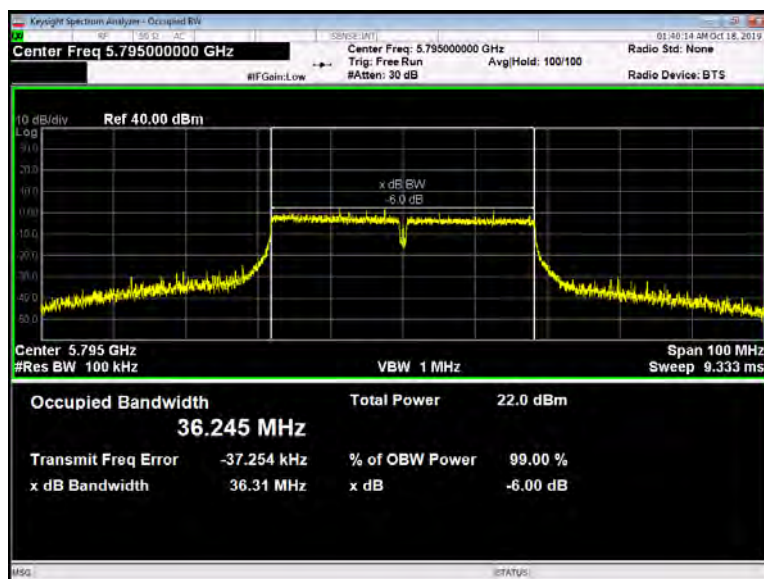
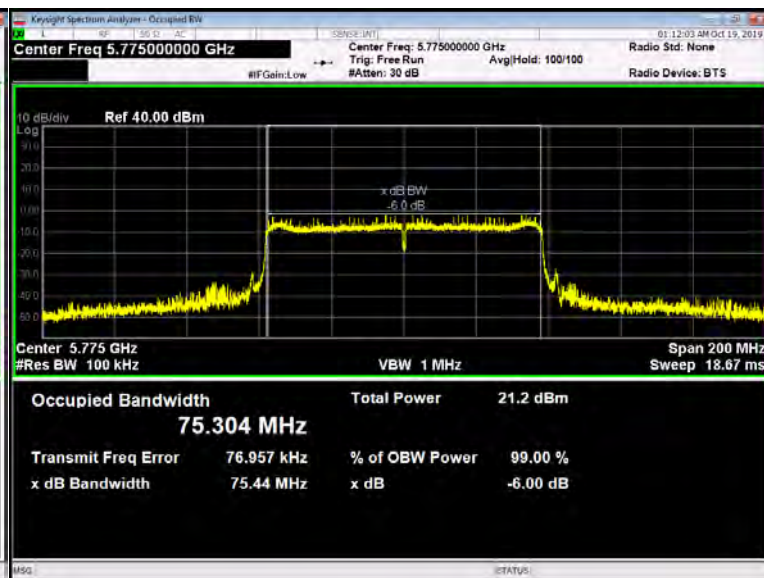
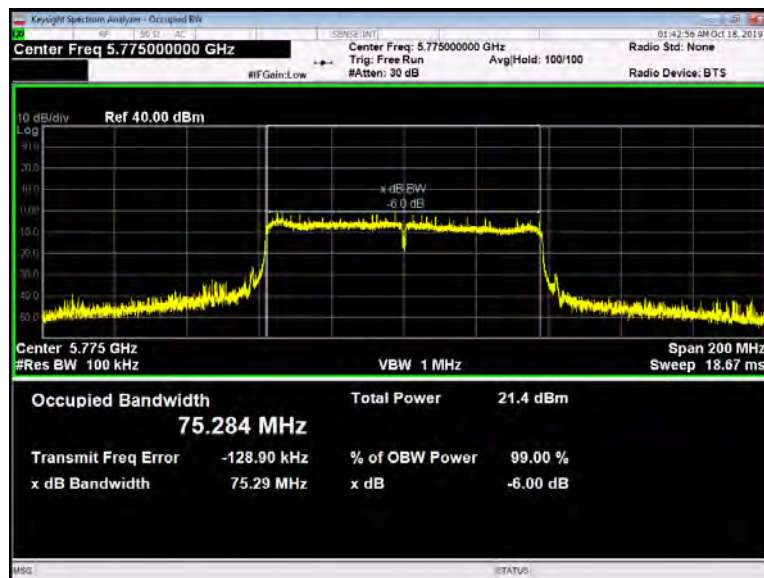


Antenna 1 + 2 Channel 151 (5755MHz)



**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 159 (5795MHz)****Antenna 1 + 2
Channel 155 (5775MHz)**


ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Maximum Peak Output Power Test Data

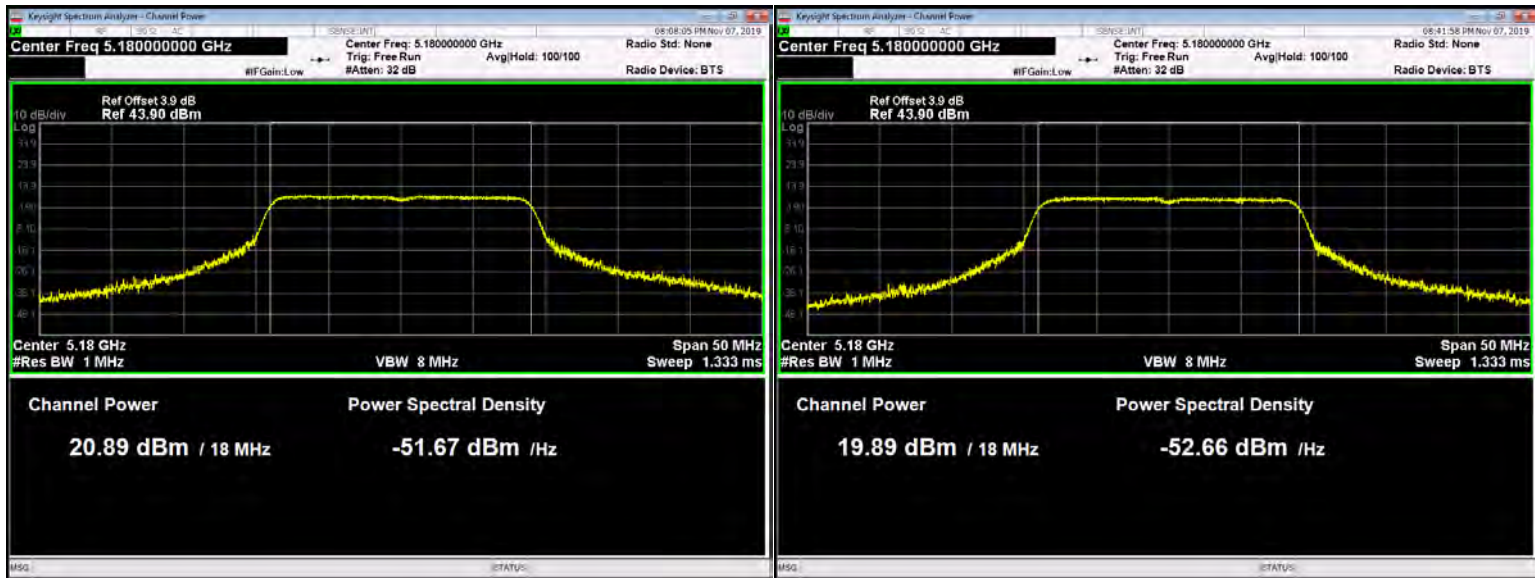
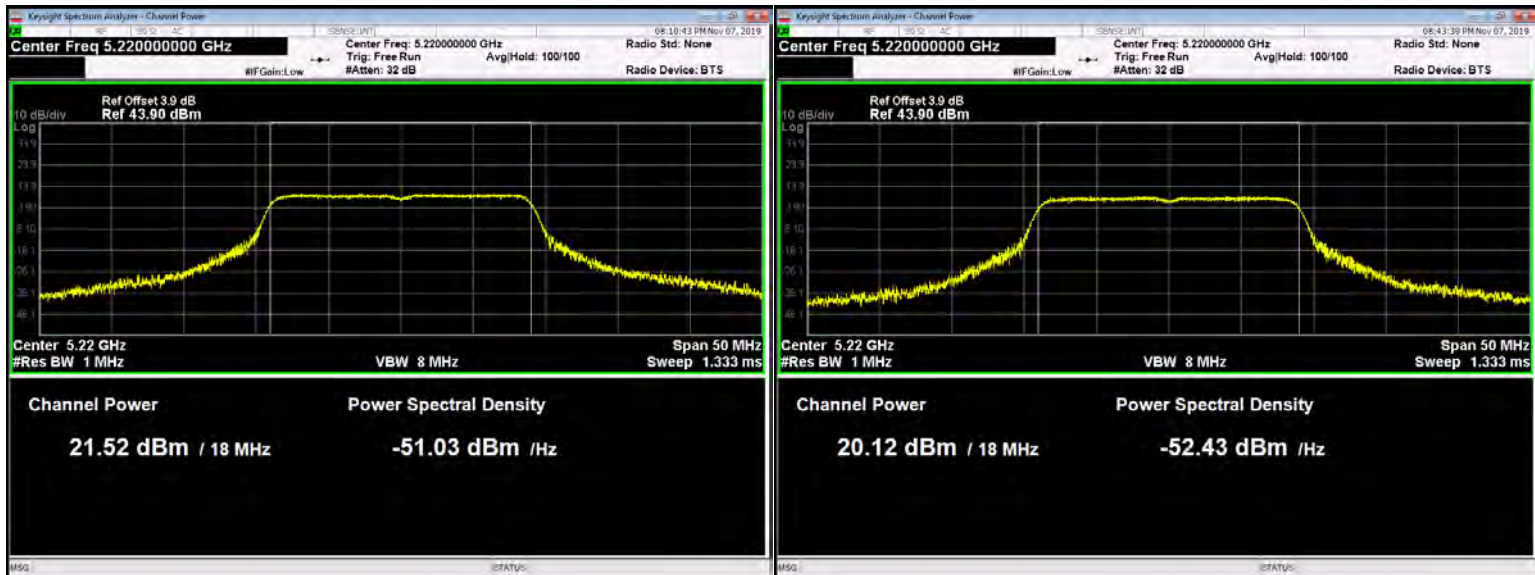
Company:	Airspan Networks			Test Date	10/17/2019			
EUT Name	Access Point			Test Engineer	Andreas Davidsson			
Model:	A5x			Test Result	PASS			
Operating Mode	TX Mode							
Mode		Antenna	Test CH	Frequency (MHz)	Raw Power (dBm)	Peak Output Power (dBm)	Limit (dBm)	Conclusion
U-NII-1 (Dipole Antenna Gain)		1	36	5180	20.89	23.43	≤ 30	PASS
		2	36	5180	19.89			
		1	44	5220	21.52	23.89	≤ 30	PASS
		2	44	5220	20.12			
		1	48	5240	21.54	23.87	≤ 30	PASS
		2	48	5240	20.06			
		1	38	5190	19.79	22.21	≤ 30	PASS
		2	38	5190	18.51			
		1	46	5230	20.93	23.37	≤ 30	PASS
		2	46	5230	19.71			
		1	42	5210	20.10	22.70	≤ 30	PASS
		2	42	5210	19.23			
U-NII-1 (Horn Antenna Gain)		1	36	5180	4.29	7.05	≤ 30	PASS
		2	36	5180	3.78			
		1	44	5220	4.02	6.79	≤ 30	PASS
		2	44	5220	3.53			
		1	48	5240	3.40	6.15	≤ 30	PASS
		2	48	5240	2.87			
		1	38	5190	3.71	6.53	≤ 30	PASS
		2	38	5190	3.32			
		1	46	5230	3.33	6.15	≤ 30	PASS
		2	46	5230	2.94			
		1	42	5210	3.35	6.12	≤ 30	PASS
		2	42	5210	2.86			



U-NII-3 (Dipole Antenna Gain)	1	149	5745	22.85	25.38	≤ 30	PASS
	2	149	5745	21.83			
	1	157	5785	21.33	24.47	≤ 30	PASS
	2	157	5785	21.59			
	1	165	5825	19.61	23.61	≤ 30	PASS
	2	165	5825	21.41			
	1	151	5755	22.18	24.66	≤ 30	PASS
	2	151	5755	21.05			
	1	159	5795	20.07	23.57	≤ 30	PASS
	2	159	5795	21.00			
	1	155	5775	21.18	24.19	≤ 30	PASS
	2	155	5775	21.18			
U-NII-3 (Horn Antenna Gain)	1	149	5745	4.09	6.68	≤ 30	PASS
	2	149	5745	3.21			
	1	157	5785	4.15	7.29	≤ 30	PASS
	2	157	5785	4.41			
	1	165	5825	4.15	6.89	≤ 30	PASS
	2	165	5825	3.60			
	1	151	5755	3.90	6.54	≤ 30	PASS
	2	151	5755	3.13			
	1	159	5795	2.46	5.23	≤ 30	PASS
	2	159	5795	1.96			
	1	155	5775	3.80	6.42	≤ 30	PASS
	2	155	5775	2.97			
	Test Equipment: Please refer to section 5.2 Peak Output Power Calculation (See Section 7.4.2 for calculation explanation) listed below each screenshot.						

**ELECTRO MAGNETIC TEST, INC.**

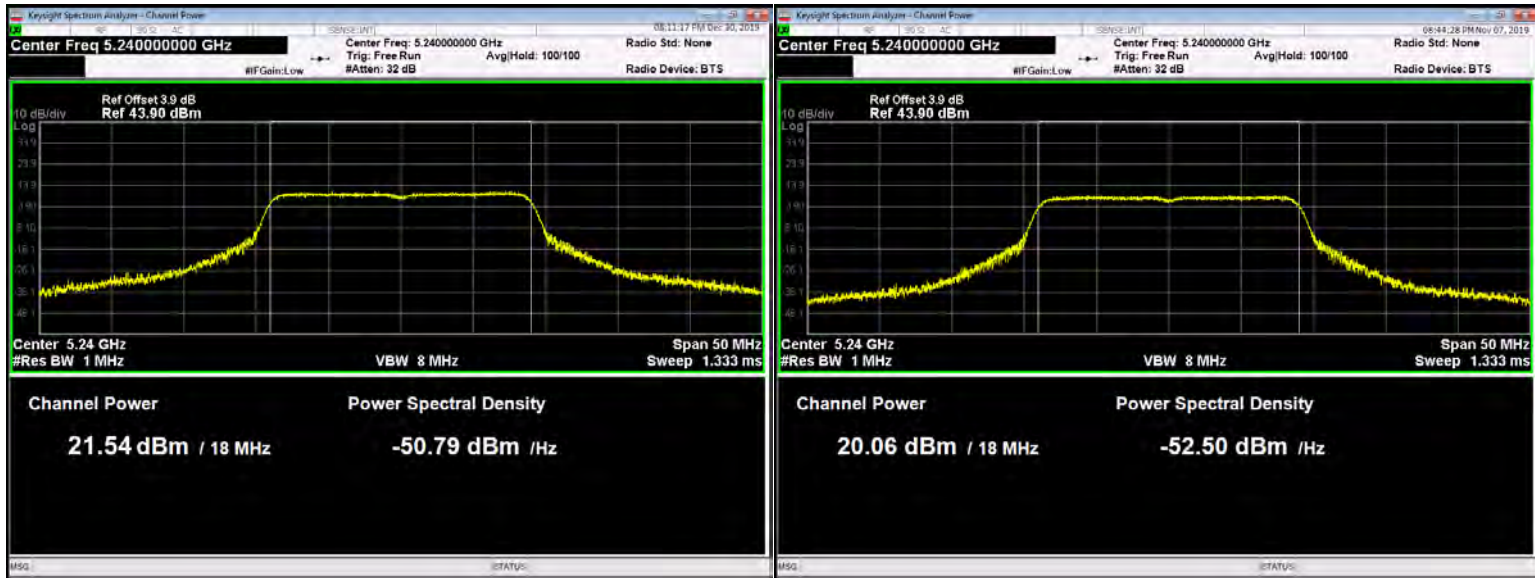
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 36 (5180MHz)****Antenna 1 + 2
Channel 44 (5220MHz)**

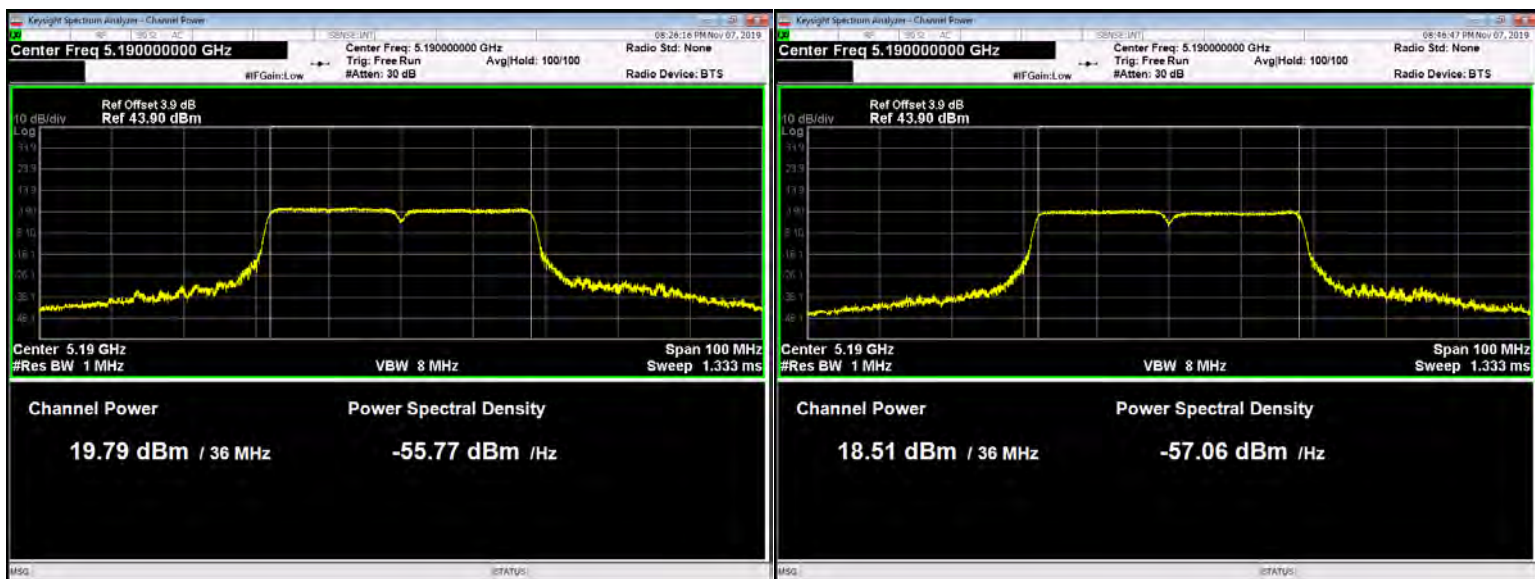
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 48 (5240MHz)



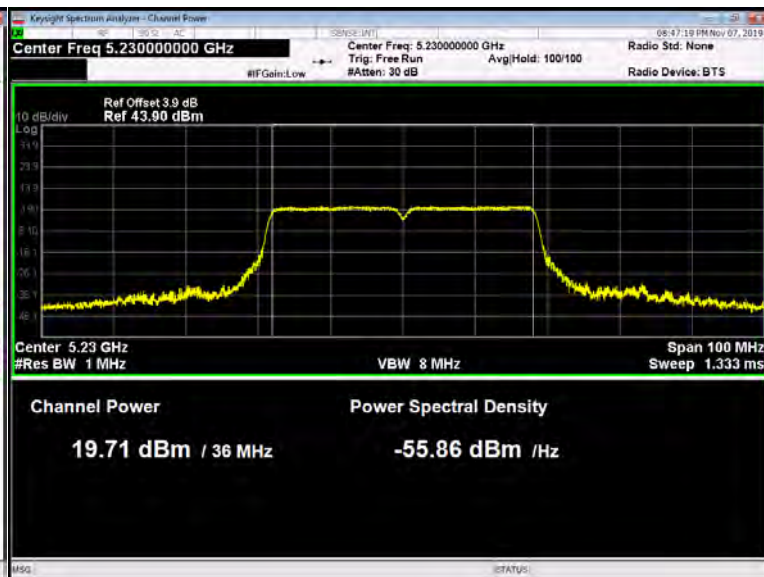
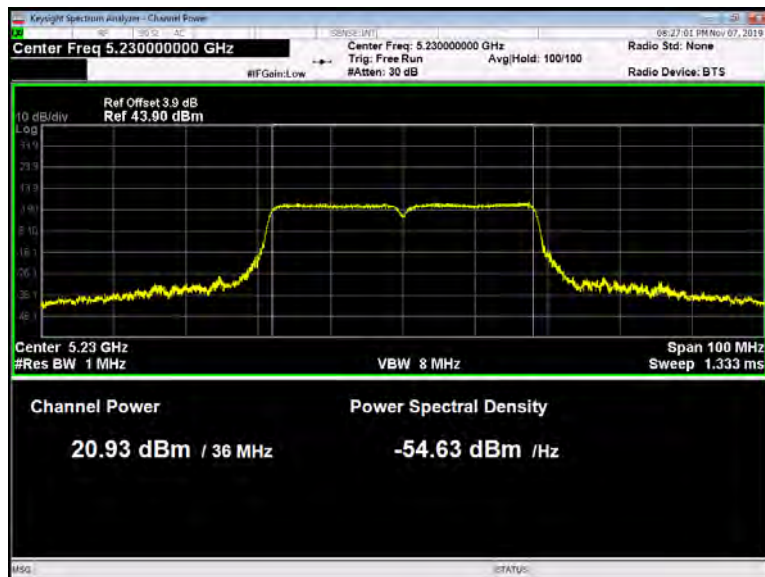
Antenna 1 + 2 Channel 38 (5190MHz)



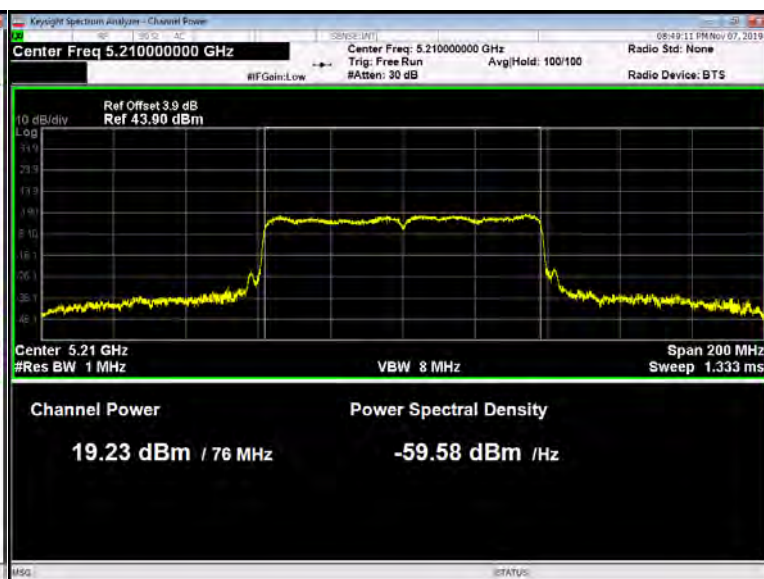
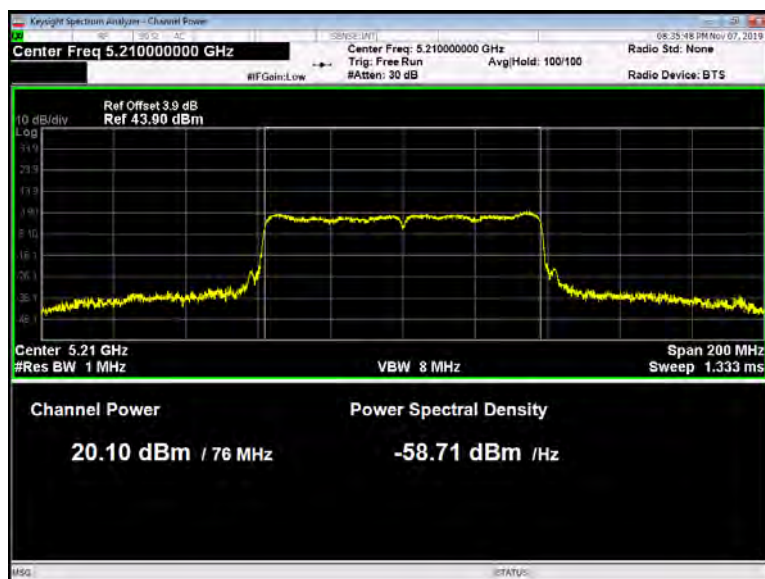
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 46 (5230MHz)



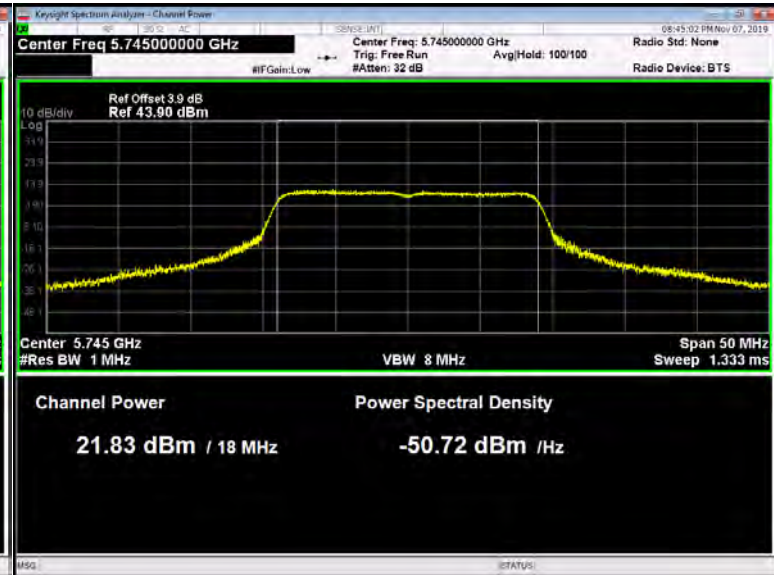
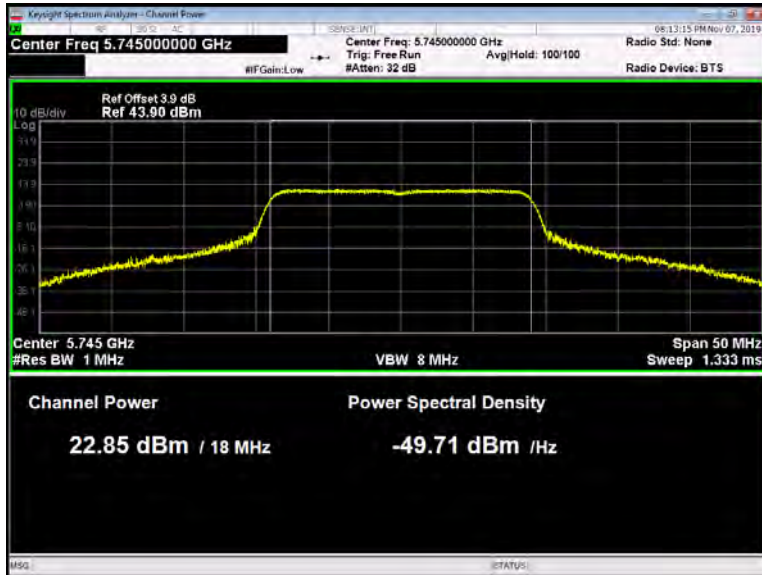
Antenna 1 + 2 Channel 42 (5210MHz)



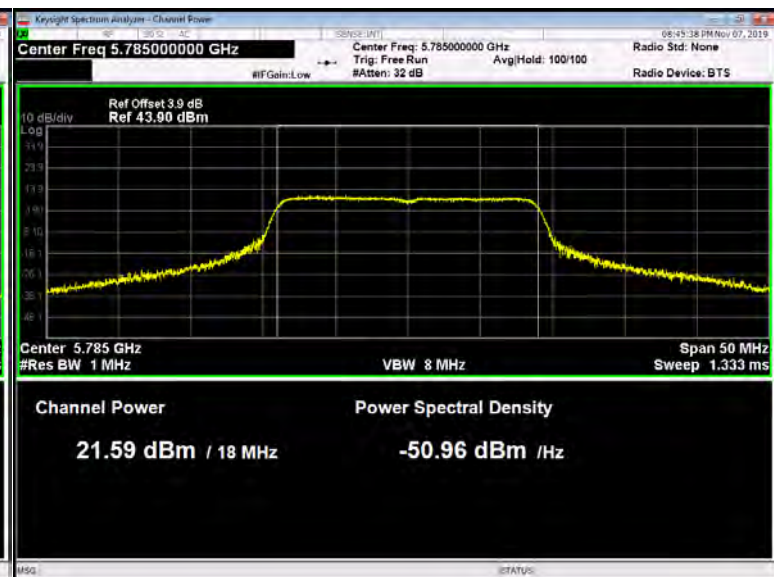
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 149 (5745MHz)



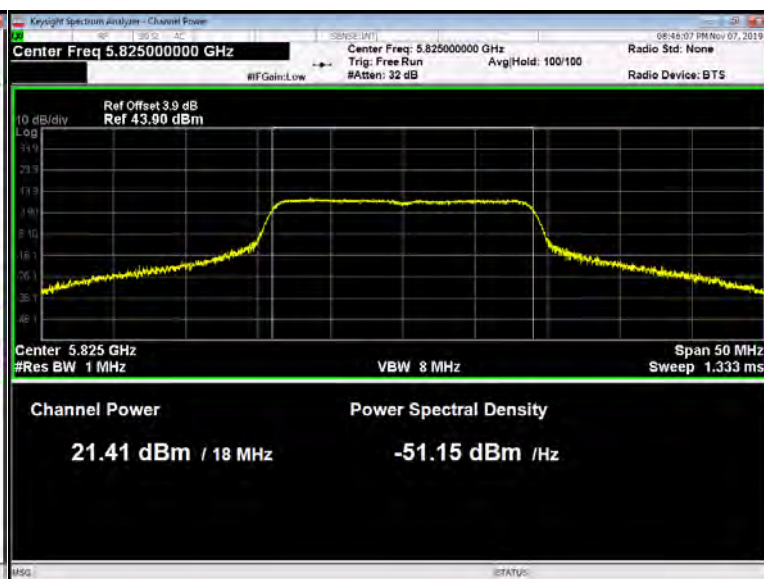
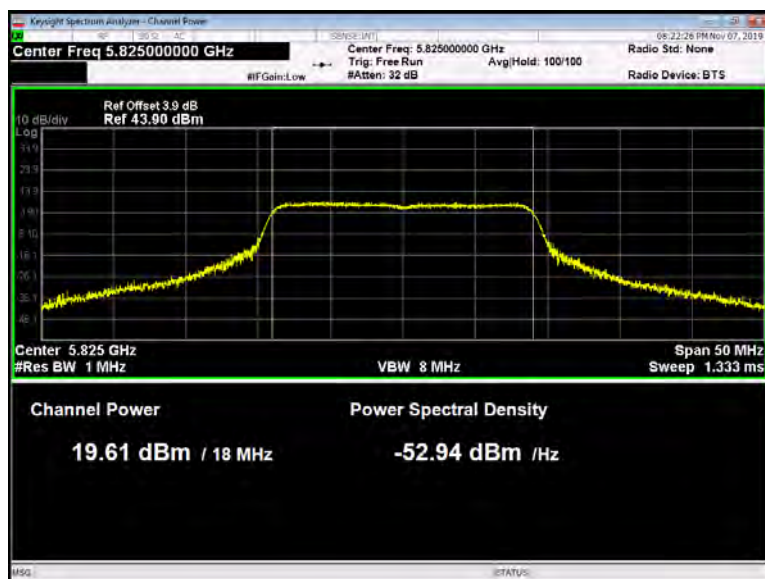
Antenna 1 + 2 Channel 157 (5785MHz)



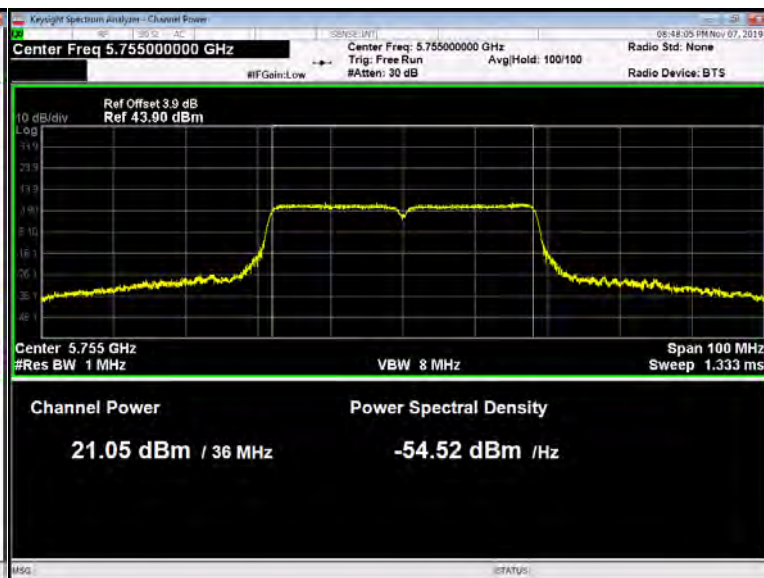
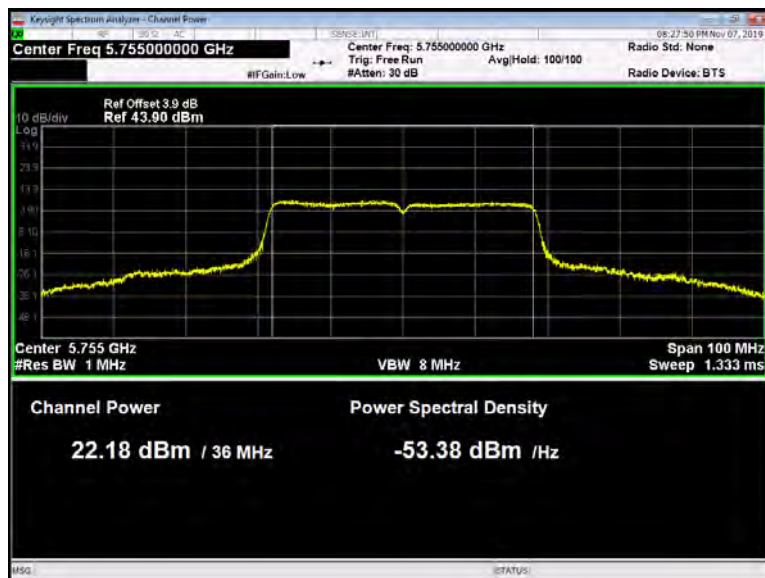
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 165 (5825MHz)



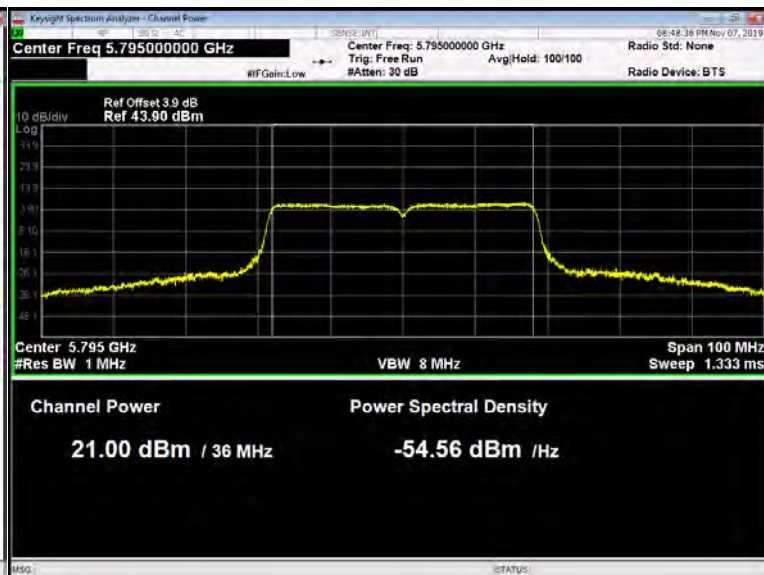
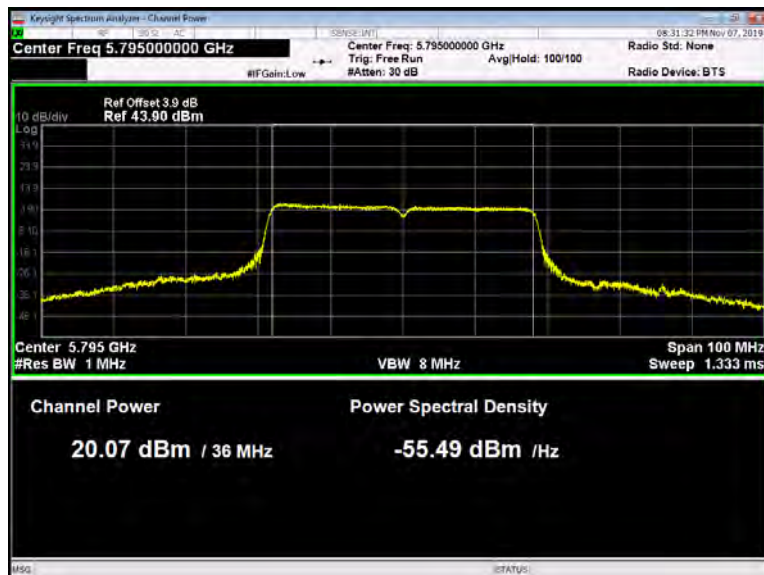
Antenna 1 + 2 Channel 151 (5755MHz)



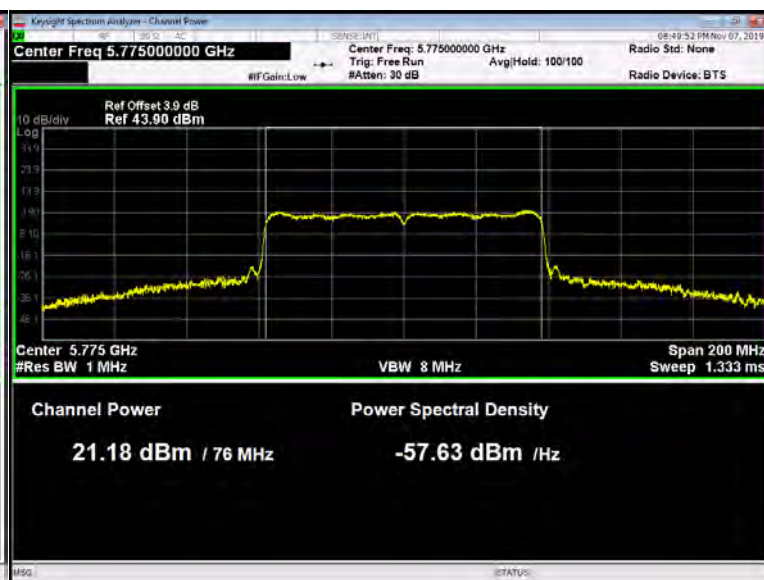
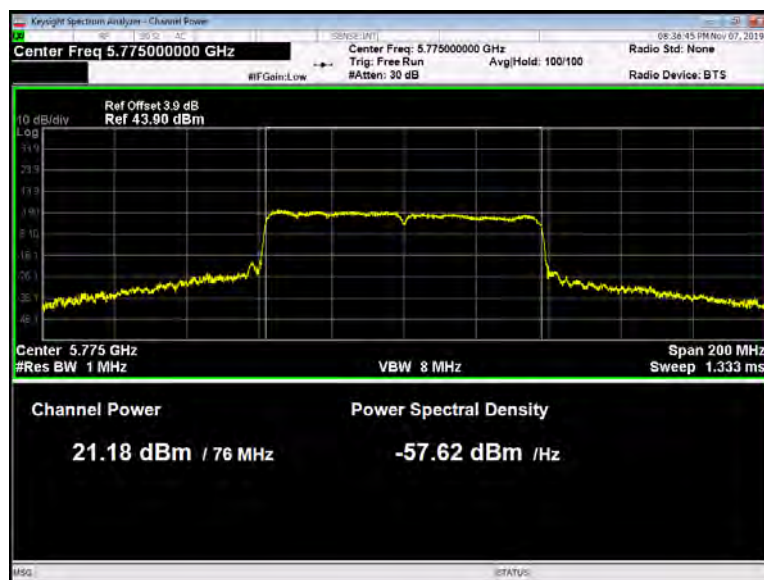
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 159 (5795MHz)



Antenna 1 + 2 Channel 155 (5775MHz)




ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Maximum Power Spectral Density Test Data

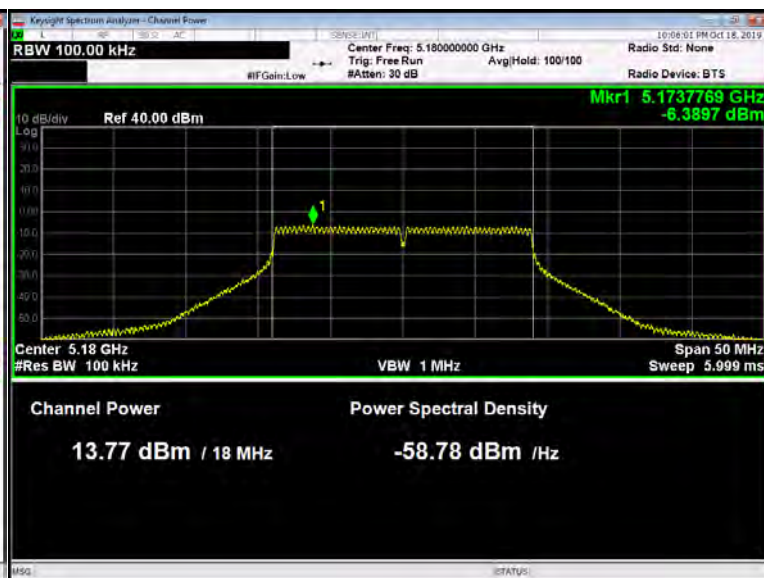
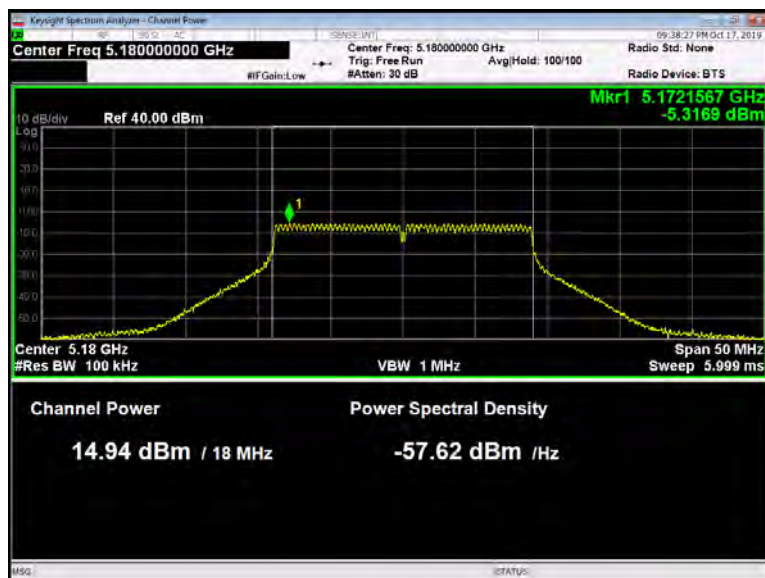
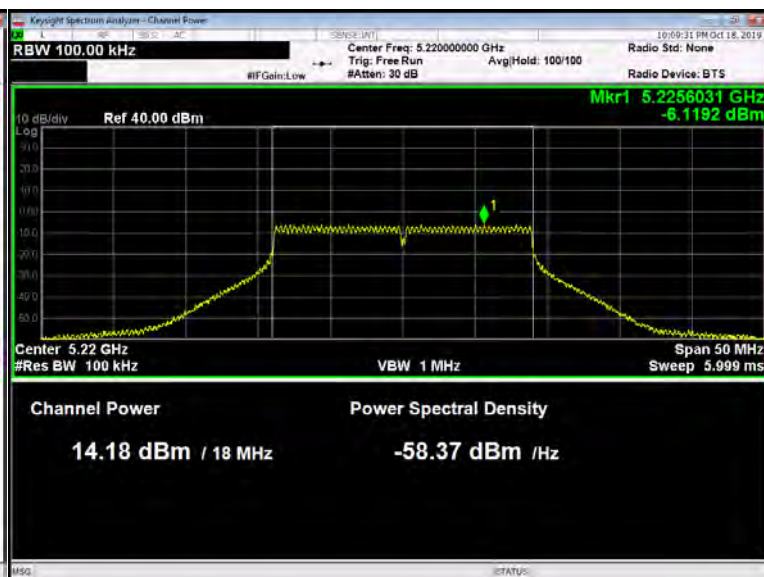
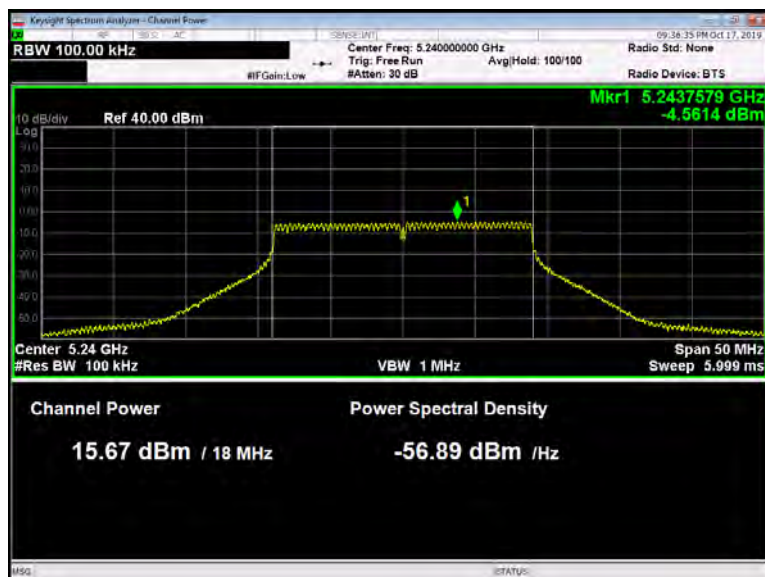
Company:	Airspan Networks			Test Date	10/17/2019		
EUT Name	Access Point			Test Engineer	Andreas Davidsson		
Model:	A5x			Test Result	PASS		
Operating Mode	TX Mode						
Mode	Antenna	Test CH	Frequency (MHz)	Raw Peak (dBm)	Maximum PSD (dBm)	Limit (dBm)	Conclusion
U-NII-1 (Dipole Antenna Gain)	1	36	5180	4.68	7.19	≤ 17	Pass
	2	36	5180	3.61			
	1	44	5220	5.20	7.60	≤ 17	Pass
	2	44	5220	3.88			
	1	48	5240	5.44	7.87	≤ 17	Pass
	2	48	5240	4.20			
	1	38	5190	3.52	5.74	≤ 17	Pass
	2	38	5190	1.76			
	1	46	5230	4.18	6.43	≤ 17	Pass
	2	46	5230	2.51			
	1	42	5210	0.83	3.18	≤ 17	Pass
	2	42	5210	-0.61			
U-NII-1 (Horn Antenna Gain)	1	36	5180	3.17	6.16	≤ 17	Pass
	2	36	5180	3.12			
	1	44	5220	3.15	6.13	≤ 17	Pass
	2	44	5220	3.10			
	1	48	5240	3.09	6.07	≤ 17	Pass
	2	48	5240	3.03			
	1	38	5190	2.82	5.81	≤ 17	Pass
	2	38	5190	2.78			
	1	46	5230	2.78	5.77	≤ 17	Pass
	2	46	5230	2.74			
	1	42	5210	2.45	5.44	≤ 17	Pass
	2	42	5210	2.41			



U-NII-3 (Dipole Antenna Gain)	1	149	5745	2.53	5.20	≤ 30	Pass
	2	149	5745	1.83			
	1	157	5785	2.55	5.01	≤ 30	Pass
	2	157	5785	1.36			
	1	165	5825	2.14	4.67	≤ 30	Pass
	2	165	5825	1.12			
	1	151	5755	1.76	4.02	≤ 30	Pass
	2	151	5755	0.09			
	1	159	5795	1.28	3.56	≤ 30	Pass
	2	159	5795	-0.33			
	1	155	5775	1.58	2.91	≤ 30	Pass
	2	155	5775	-2.88			
U-NII-3 (Horn Antenna Gain)	1	149	5745	0.21	3.20	≤ 30	Pass
	2	149	5745	0.16			
	1	157	5785	0.16	3.17	≤ 30	Pass
	2	157	5785	0.16			
	1	165	5825	0.15	3.12	≤ 30	Pass
	2	165	5825	0.07			
	1	151	5755	-0.17	2.87	≤ 30	Pass
	2	151	5755	-0.11			
	1	159	5795	-0.15	2.78	≤ 30	Pass
	2	159	5795	-0.31			
	1	155	5775	-0.50	2.47	≤ 30	Pass
	2	155	5775	-0.58			
	Test Equipment: Please refer to 5.2 A correction factor of +10 dB was added for U-NII-1 bands and +7 for U-NII-3 bands to match Resolution bandwidth requirements.						

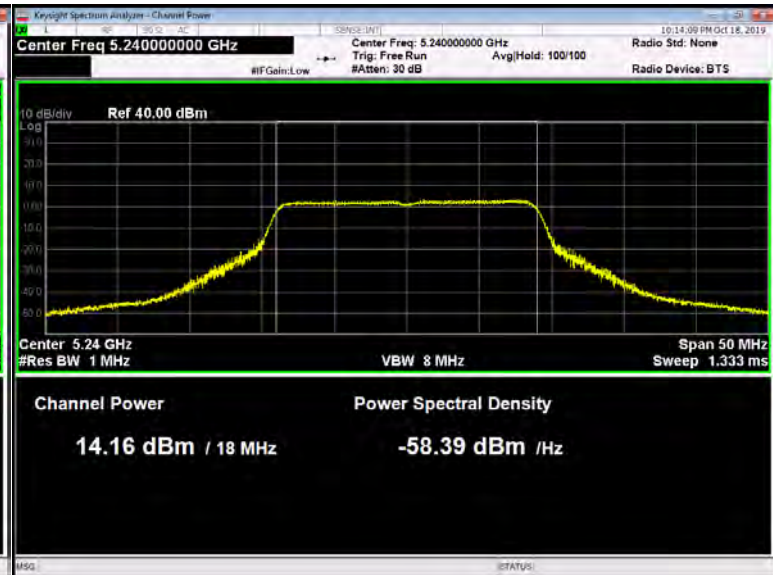
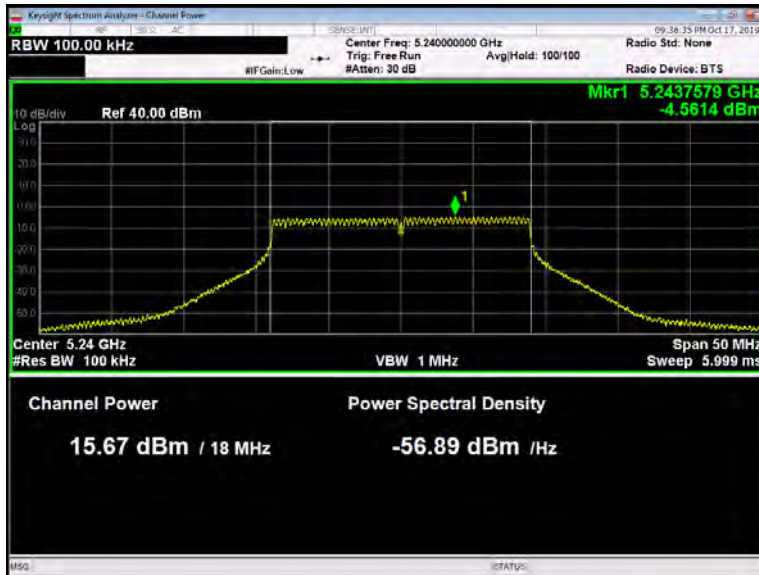
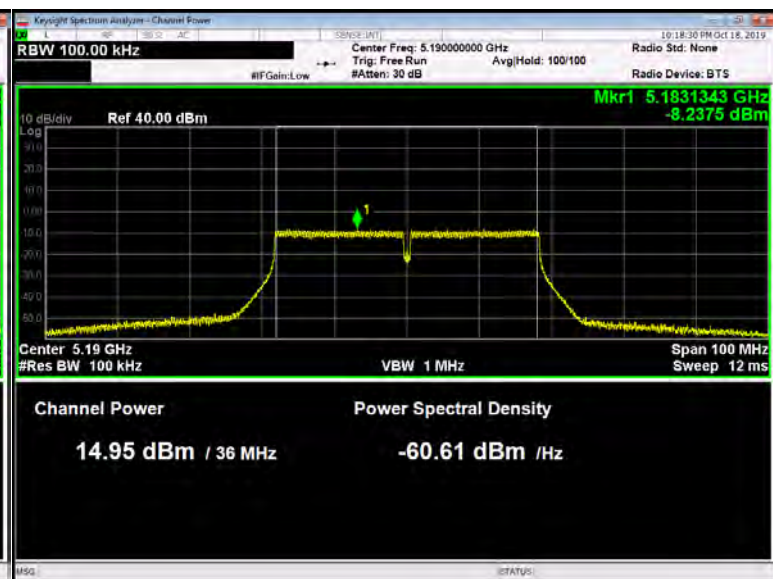
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 36 (5180MHz)****Antenna 1 + 2
Channel 44 (5220MHz)**

**ELECTRO MAGNETIC TEST, INC.**

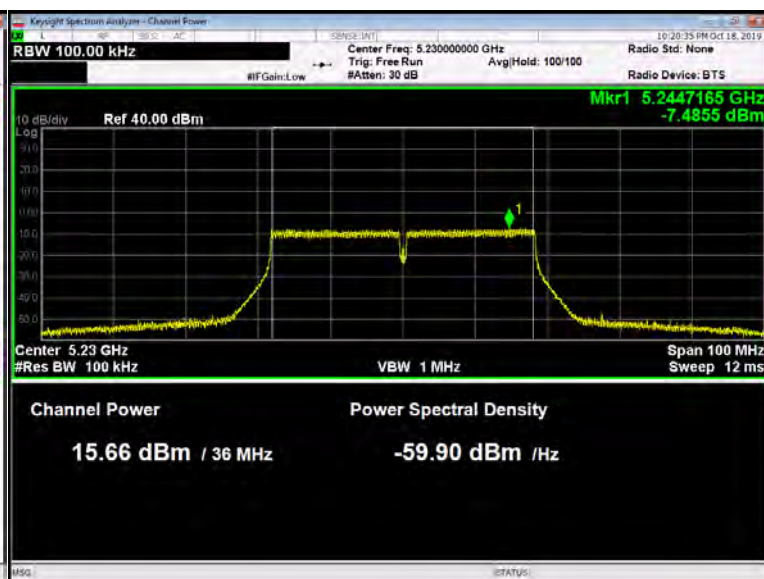
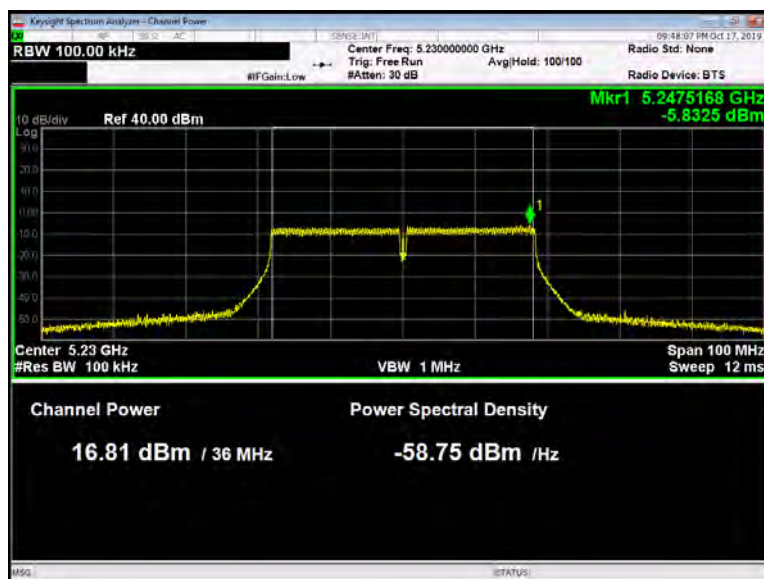
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 48 (5240MHz)****Antenna 1 + 2
Channel 38 (5190MHz)**

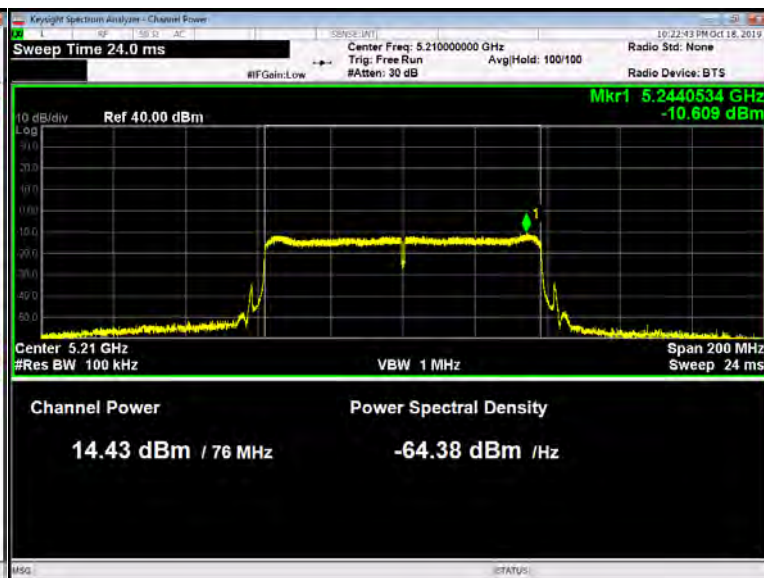
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 46 (5230MHz)



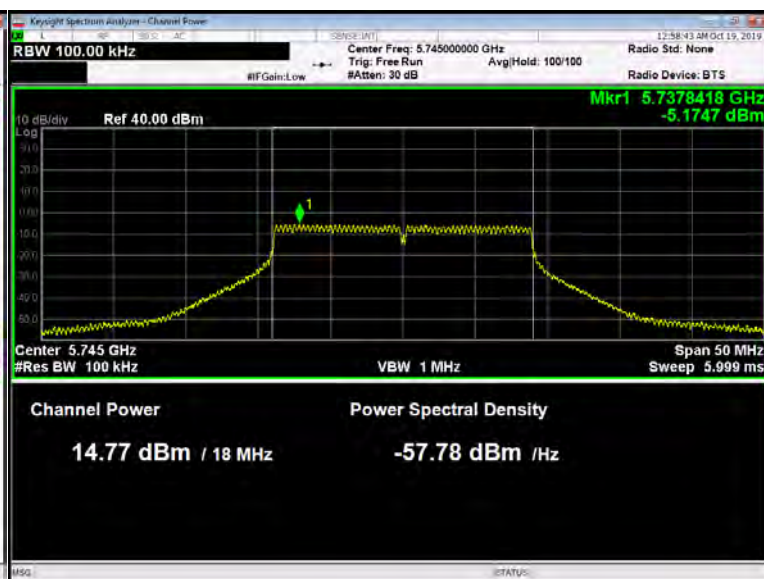
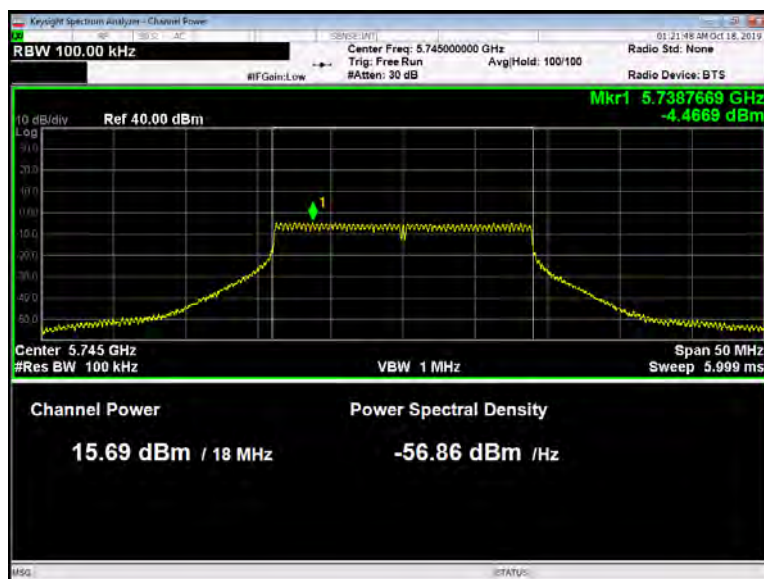
Antenna 1 + 2 Channel 42 (5210MHz)



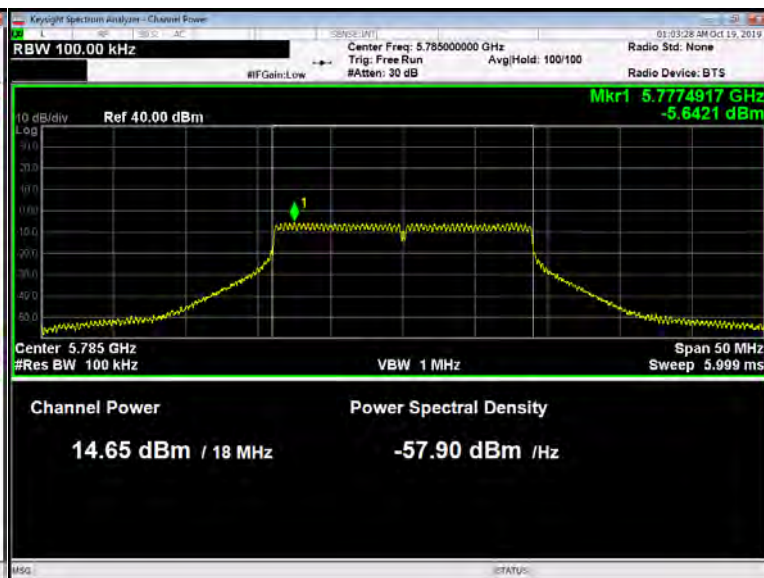
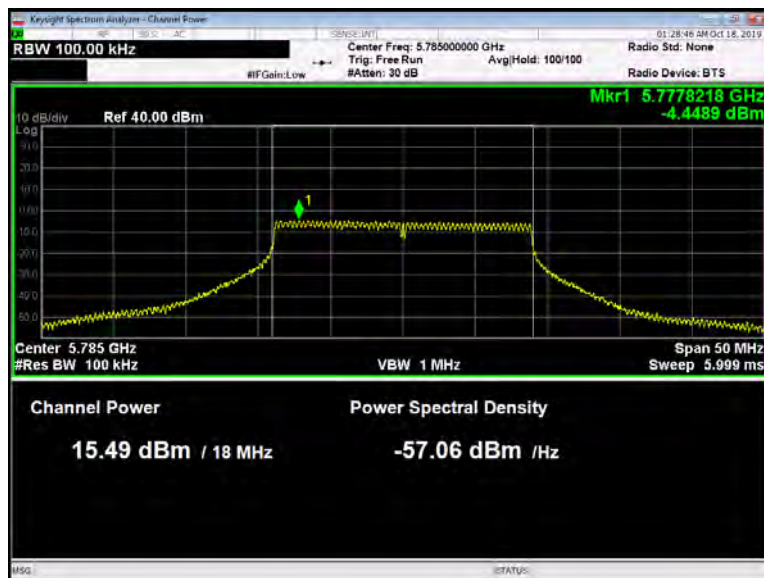
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 149 (5745MHz)



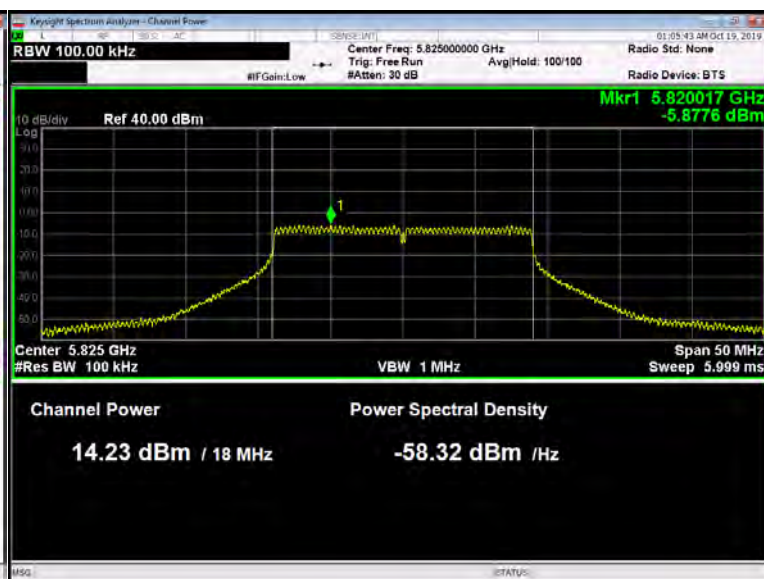
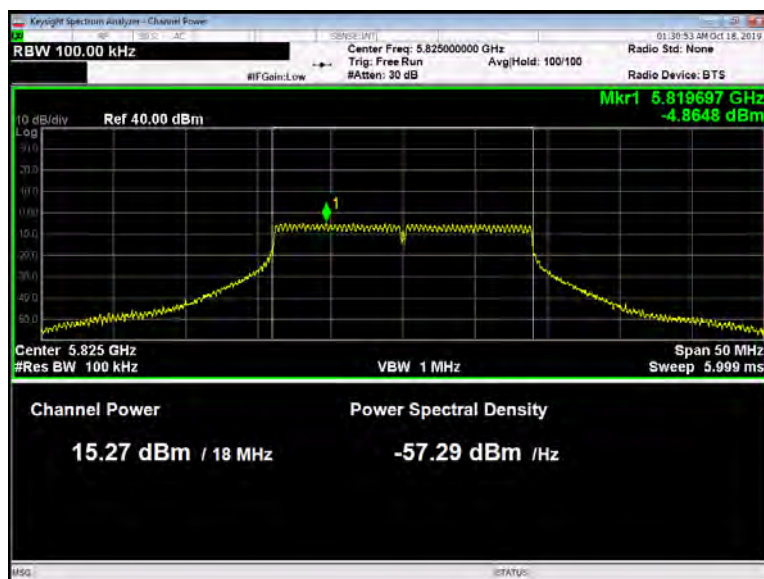
Antenna 1 + 2 Channel 157 (5785MHz)



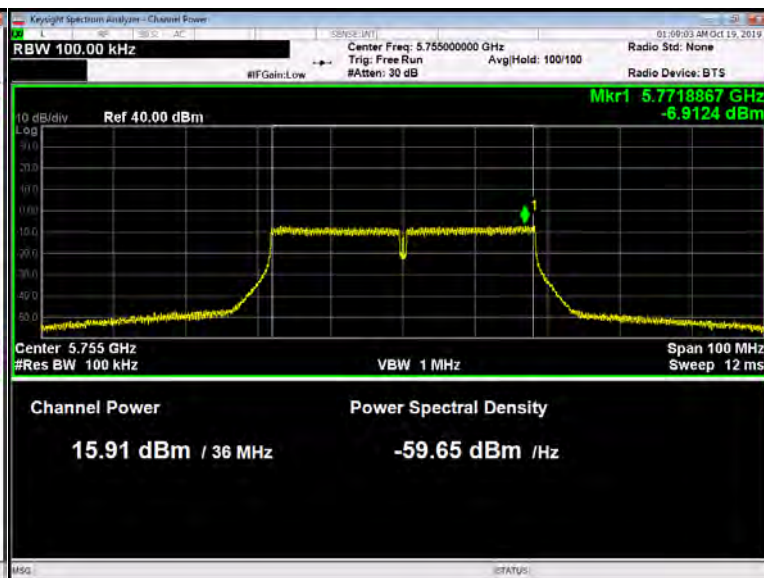
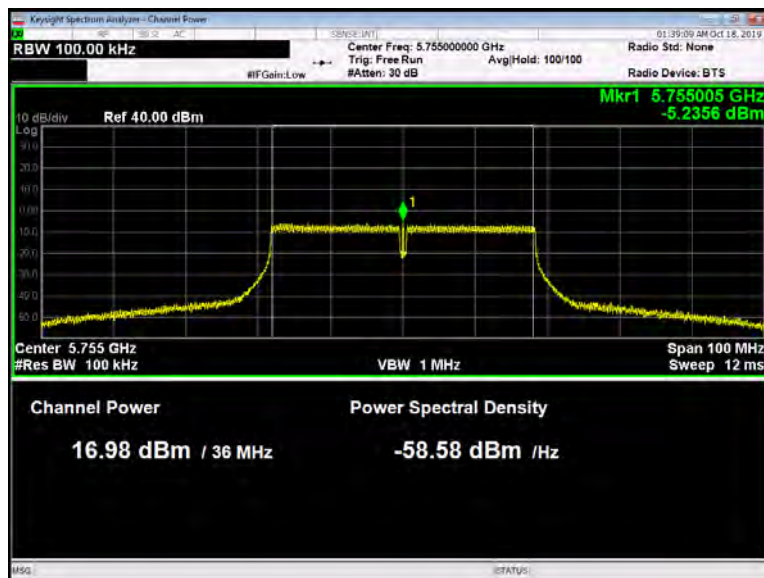
**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

Antenna 1 + 2 Channel 165 (5825MHz)

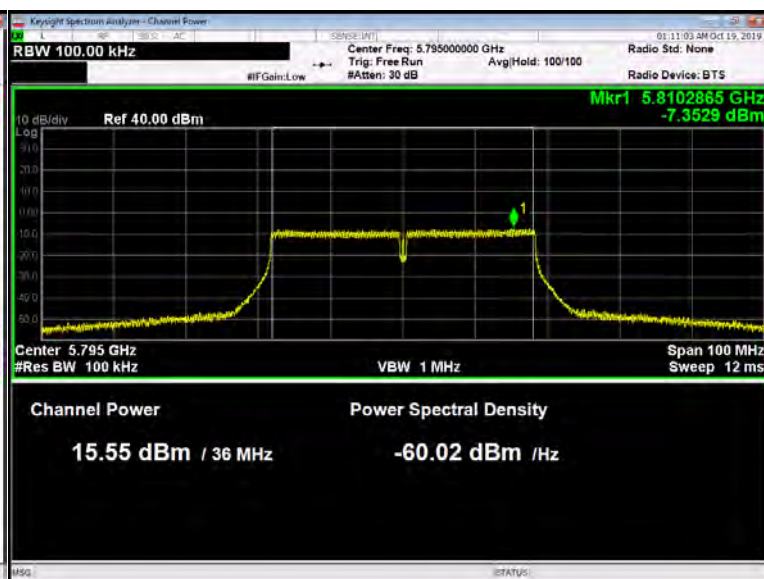
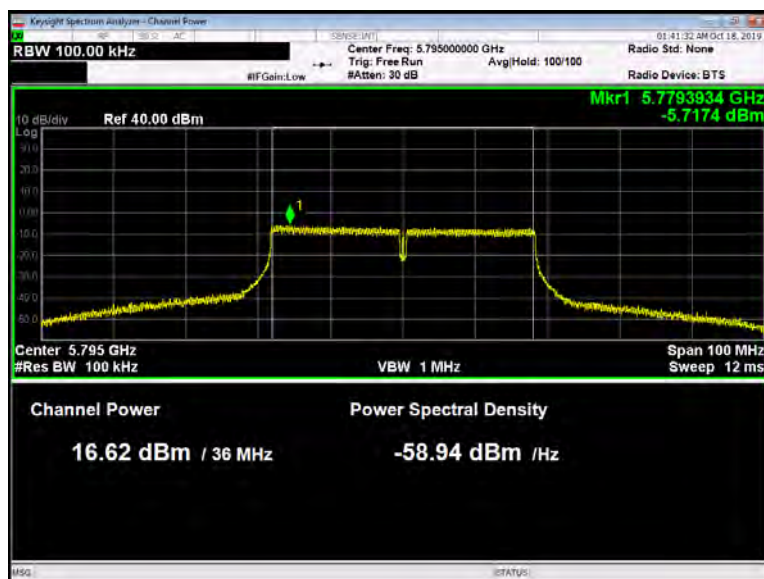
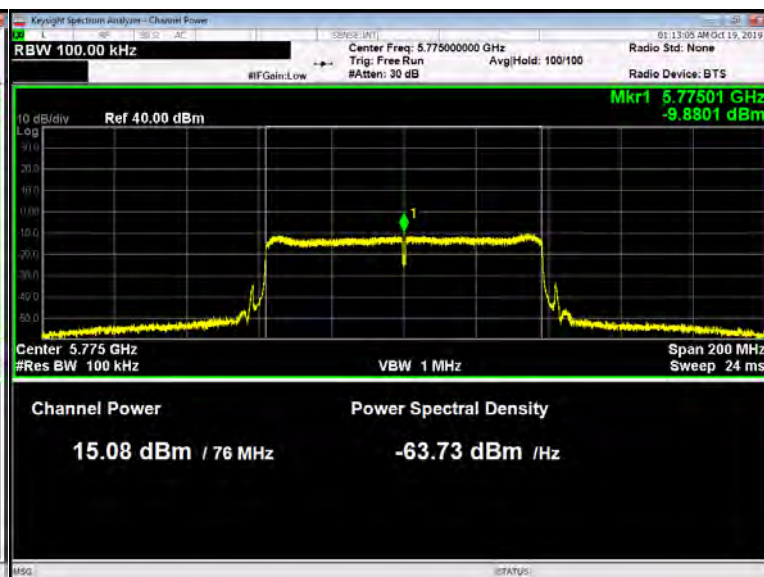
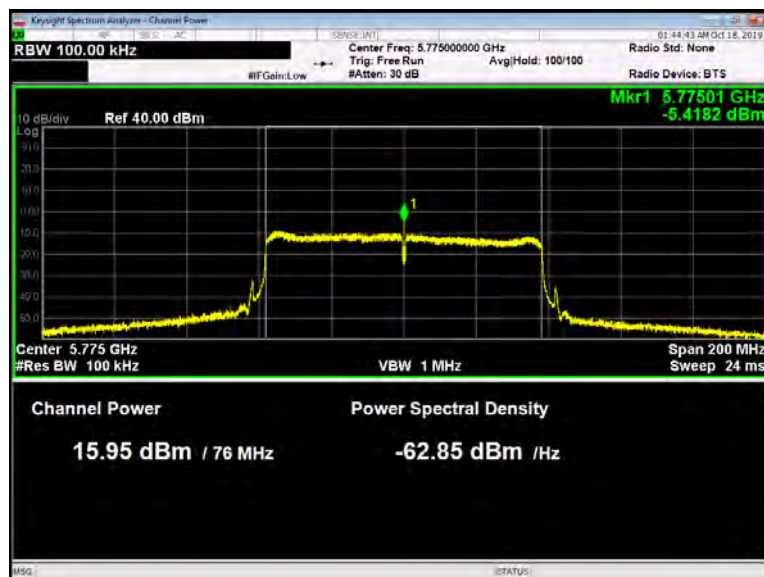


Antenna 1 + 2 Channel 151 (5755MHz)



**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

**Antenna 1 + 2
Channel 159 (5795MHz)****Antenna 1 + 2
Channel 155 (5775MHz)**



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

APPENDIX B

TEST SETUP DIAGRAMS



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

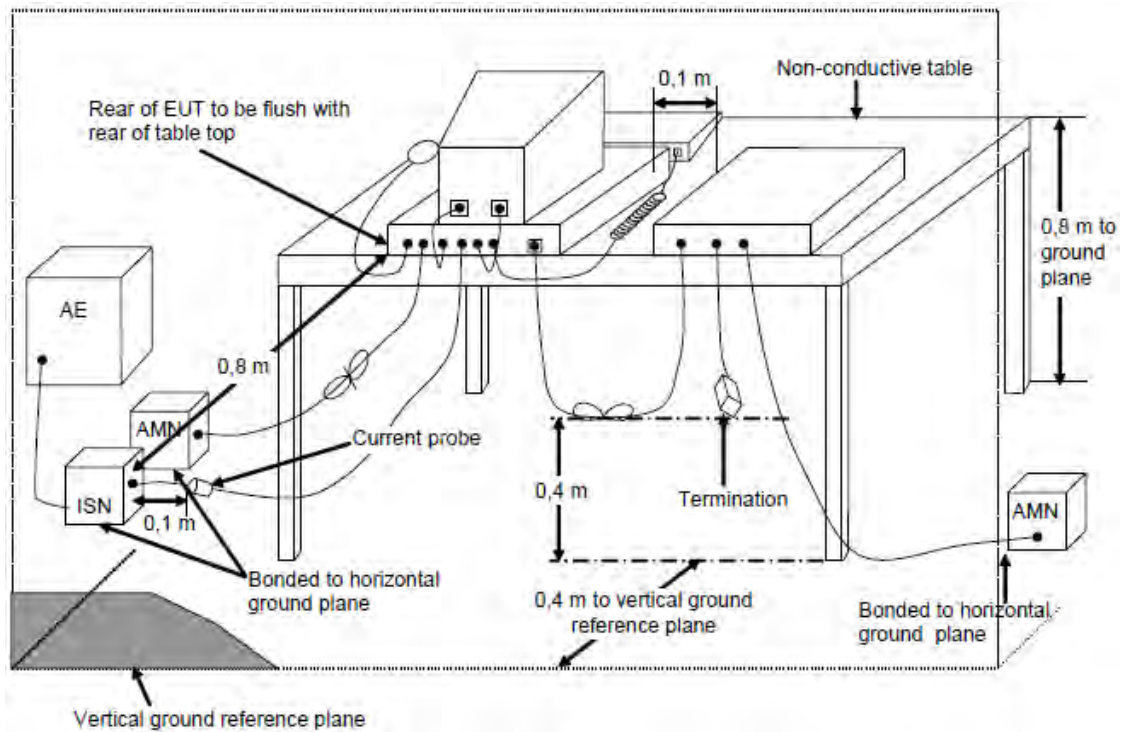


FIGURE 1 – TABLETOP CONDUCTED EMISSIONS TEST SETUP – SITE “D”

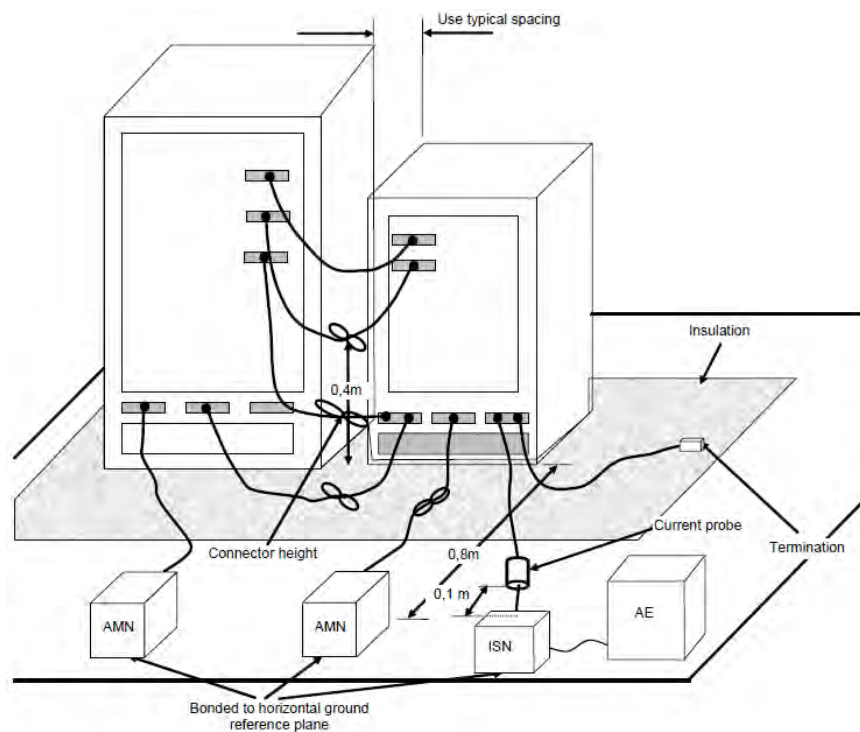


FIGURE 1a – FLOORSTANDING CONDUCTED EMISSIONS TEST SETUP – SITE “D”



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

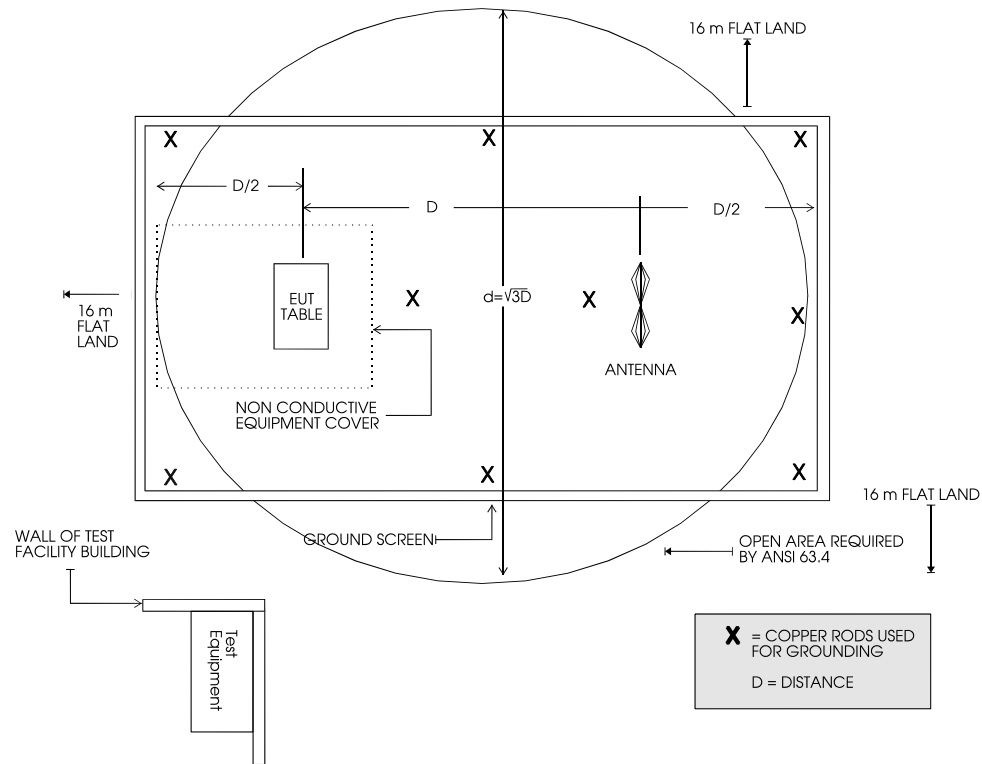


FIGURE 2 - PLOT MAP AND LAYOUT OF TEST SITE "A"

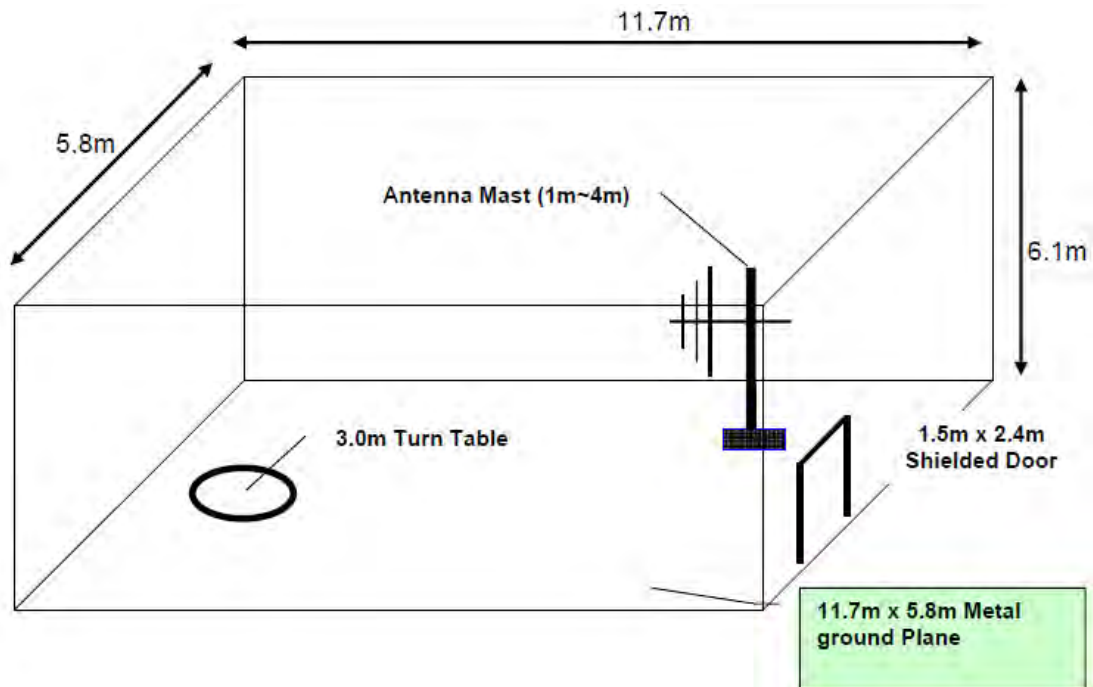


FIGURE 3 - LAYOUT OF 5 METER SEMI-ANECHOIC CHAMBER



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

APPENDIX C

MODIFICATIONS TO THE EUT



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

MODIFICATIONS TO THE EUT

No modifications were made to the EUT by Electro Magnetic Test, Inc. personnel during the testing.



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

APPENDIX D

ADDITIONAL MODELS COVERED UNDER THIS REPORT



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

ADDITIONAL MODELS COVERED UNDER THIS REPORT

There are no additional models to be covered under this report.



ELECTRO MAGNETIC TEST, INC.

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

End of Report

This page is intentionally left blank
and marks the last page of this report