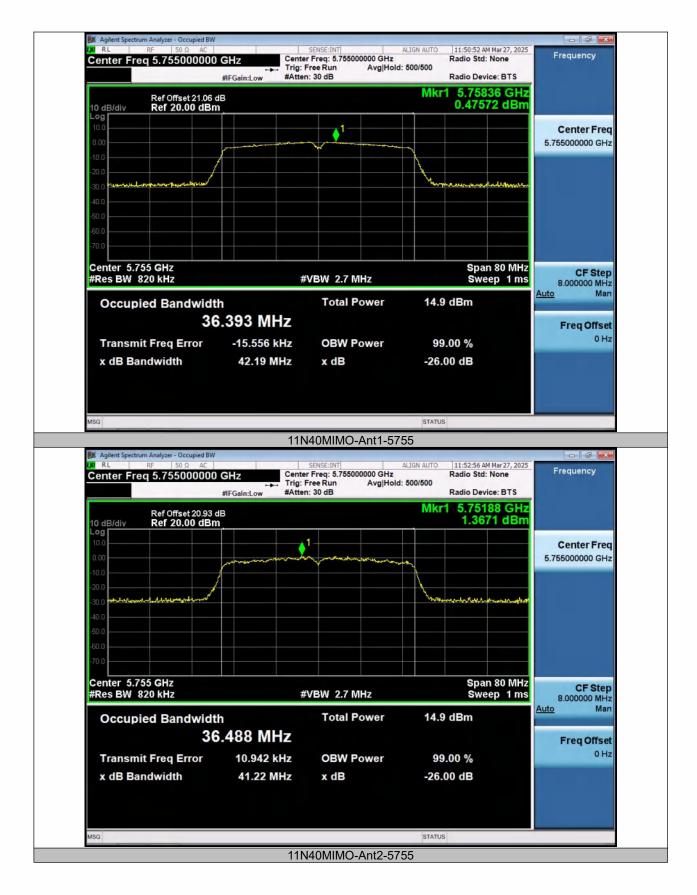


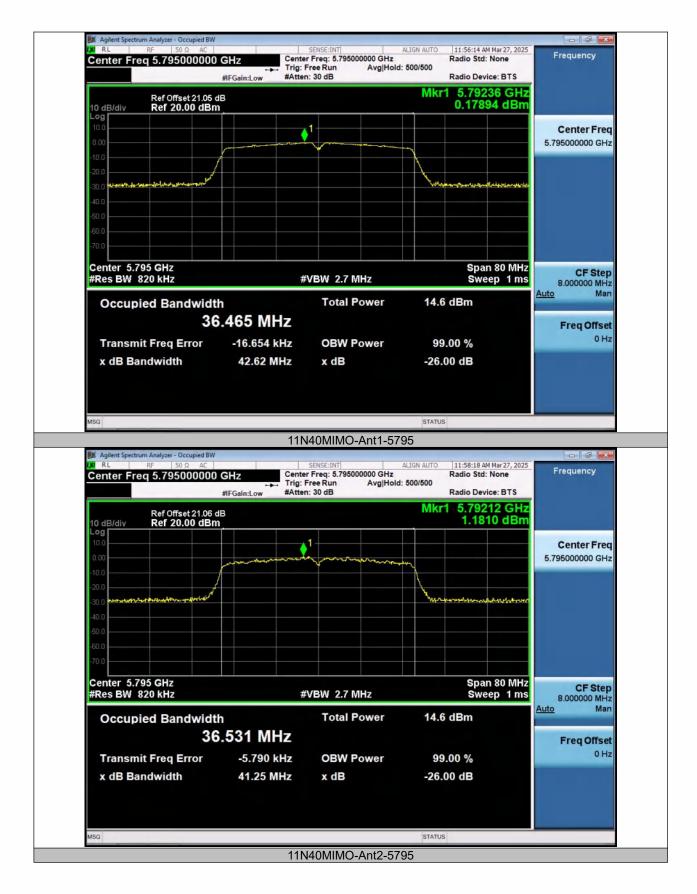
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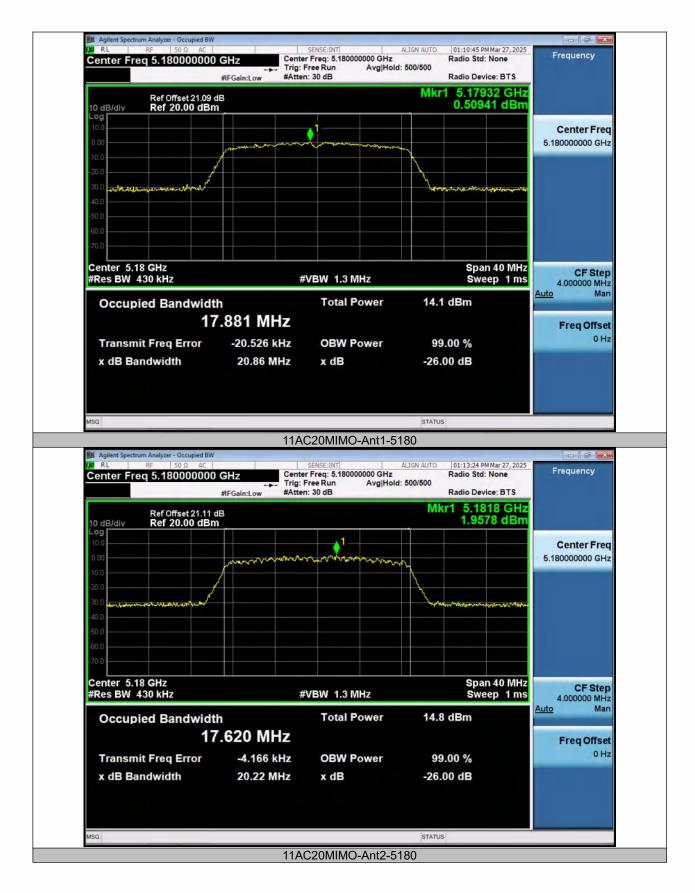




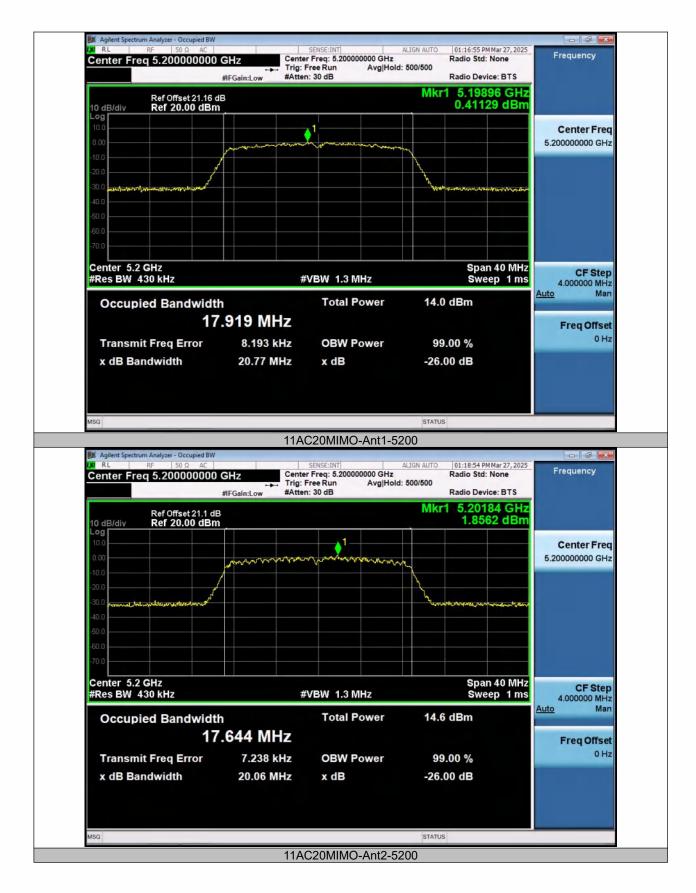




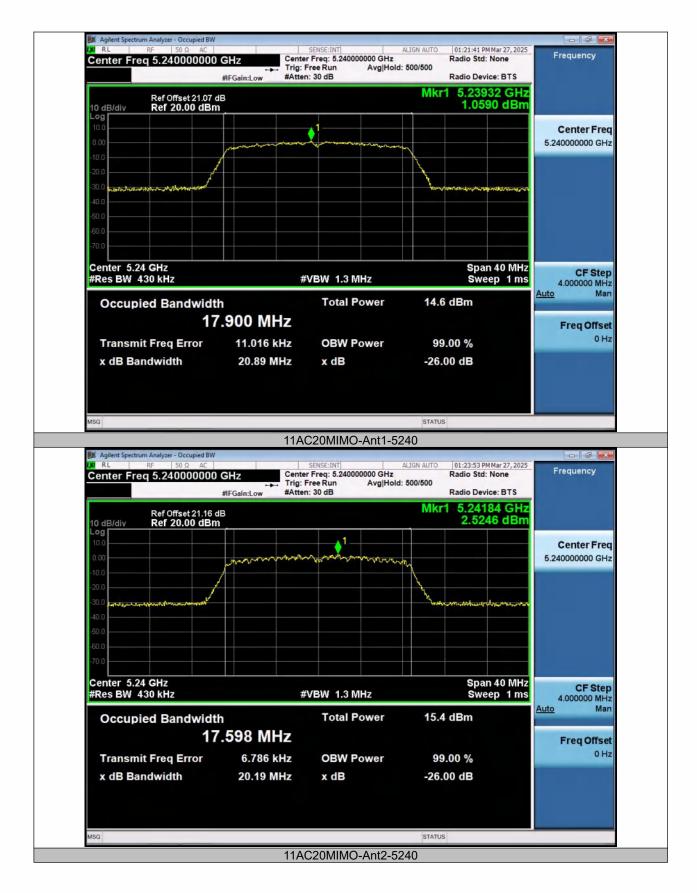








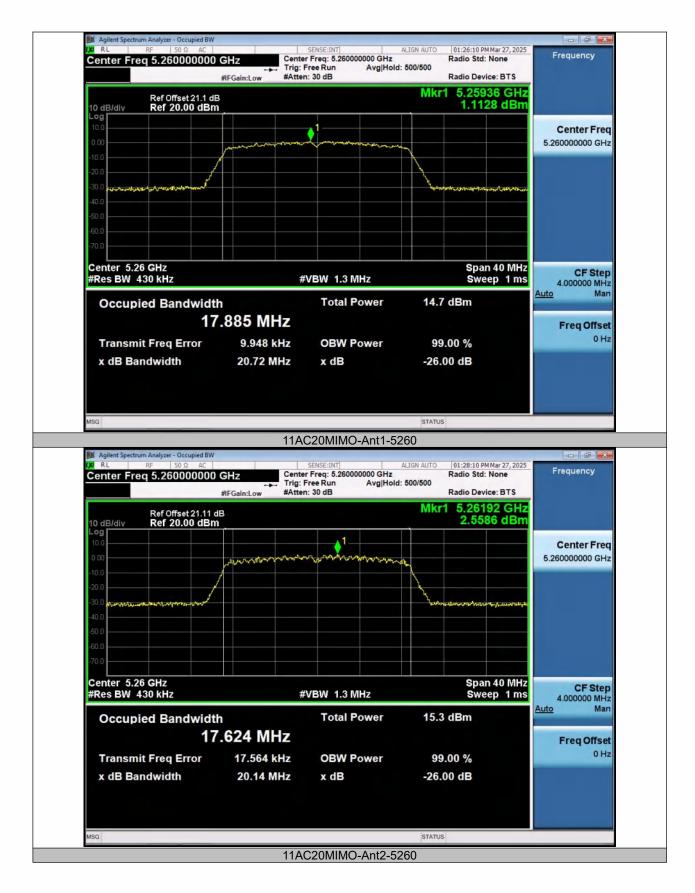




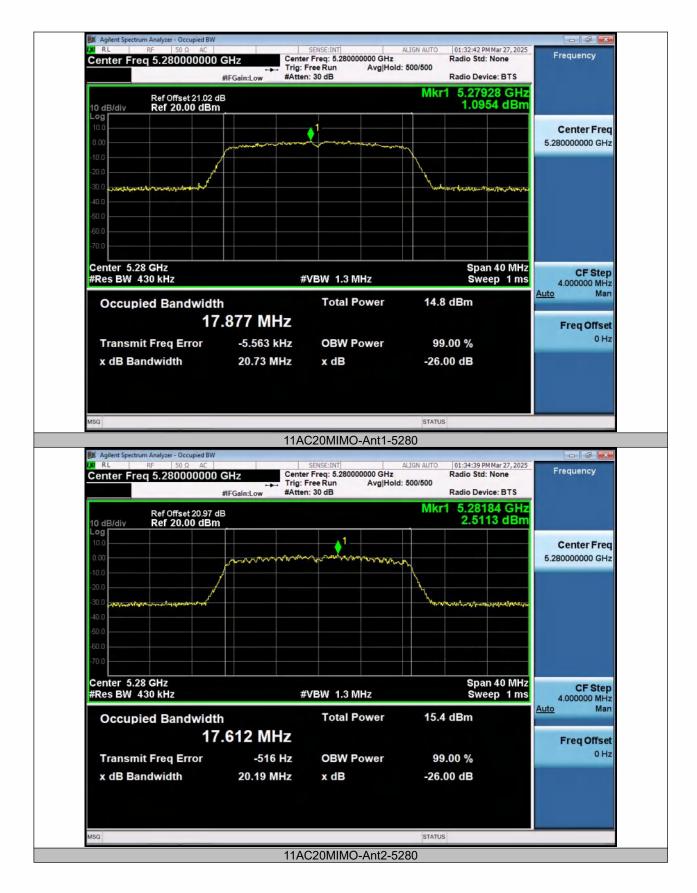
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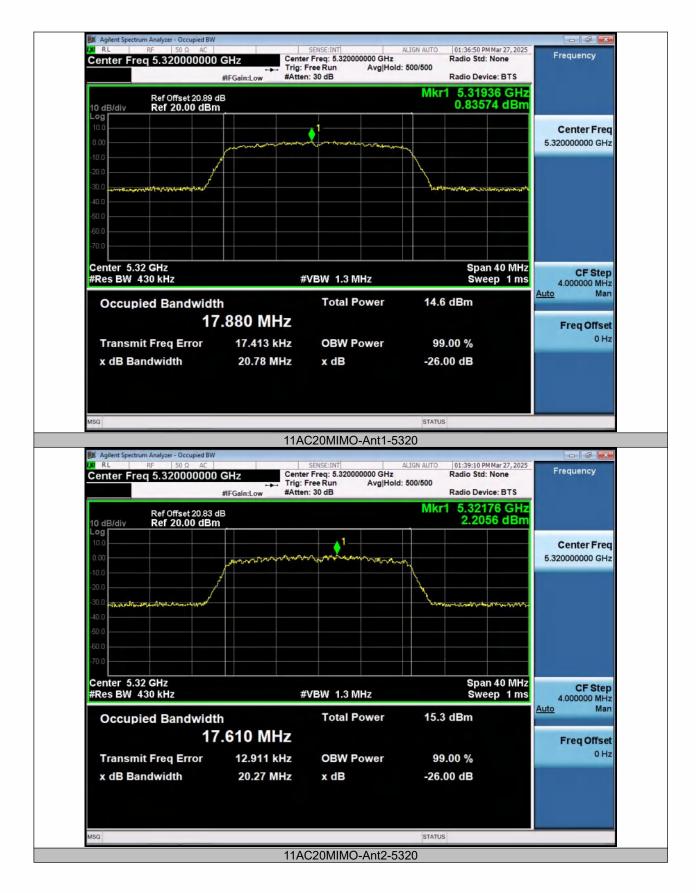




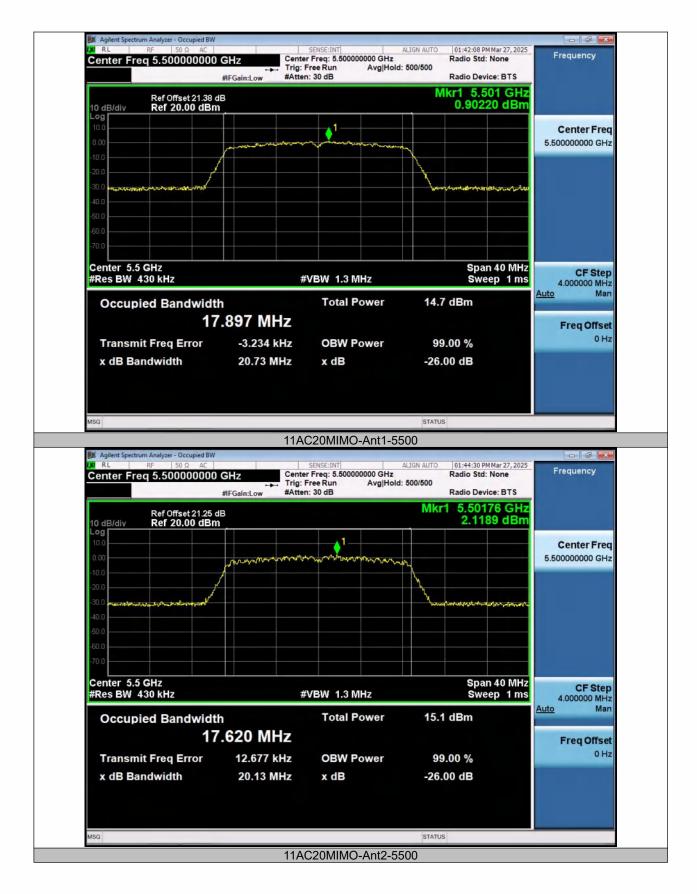




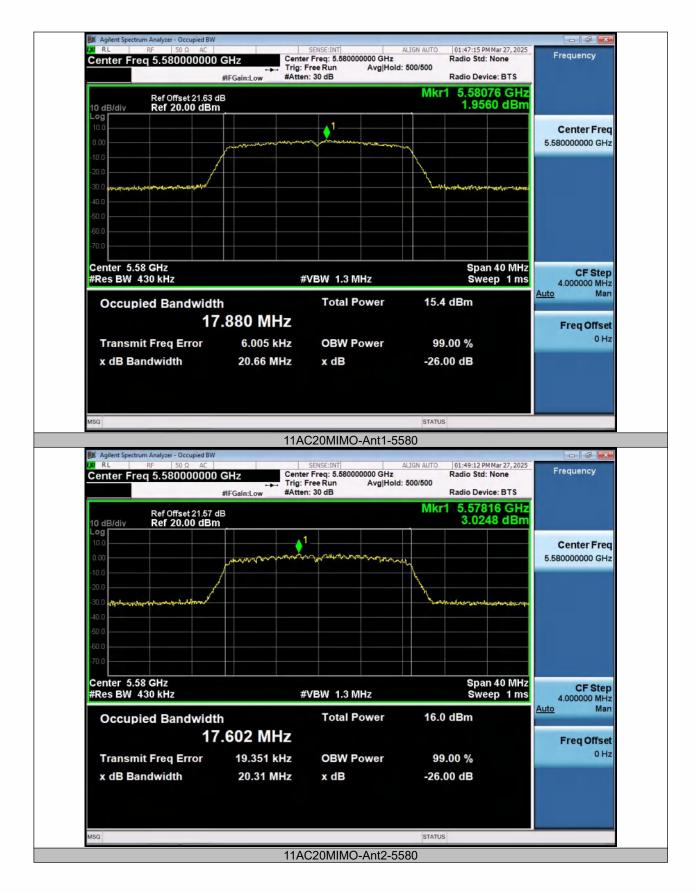




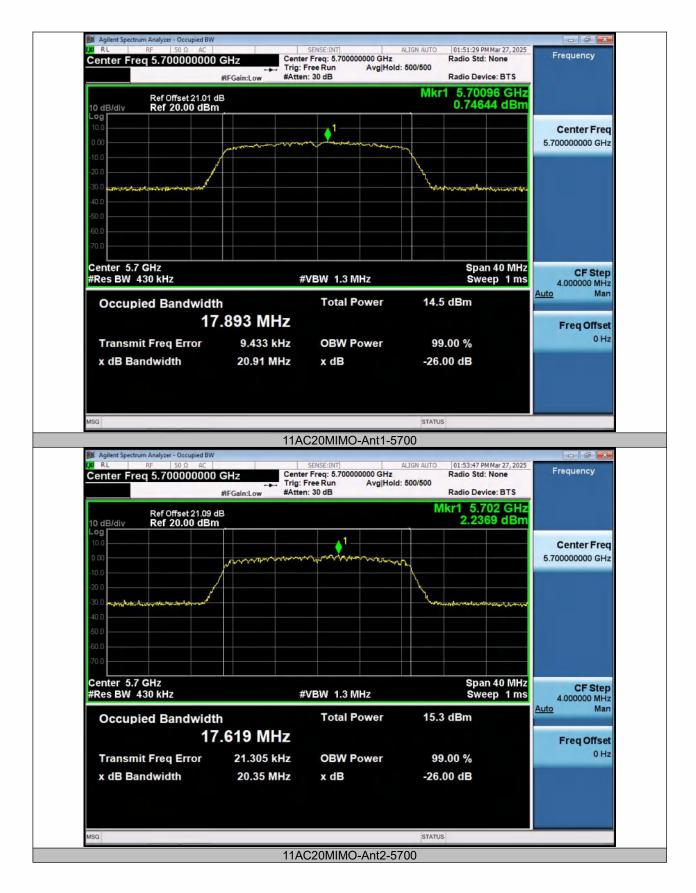




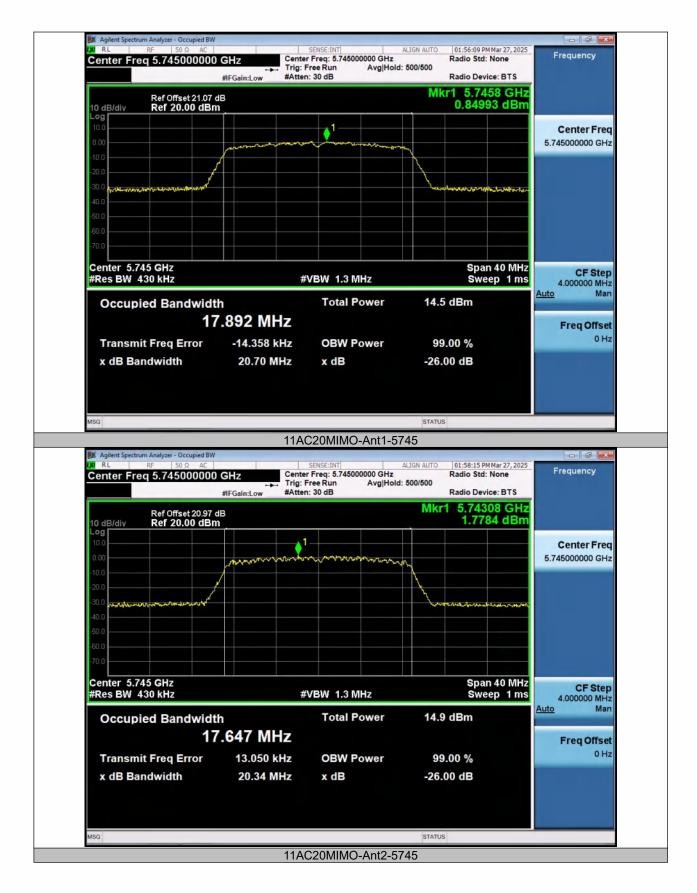




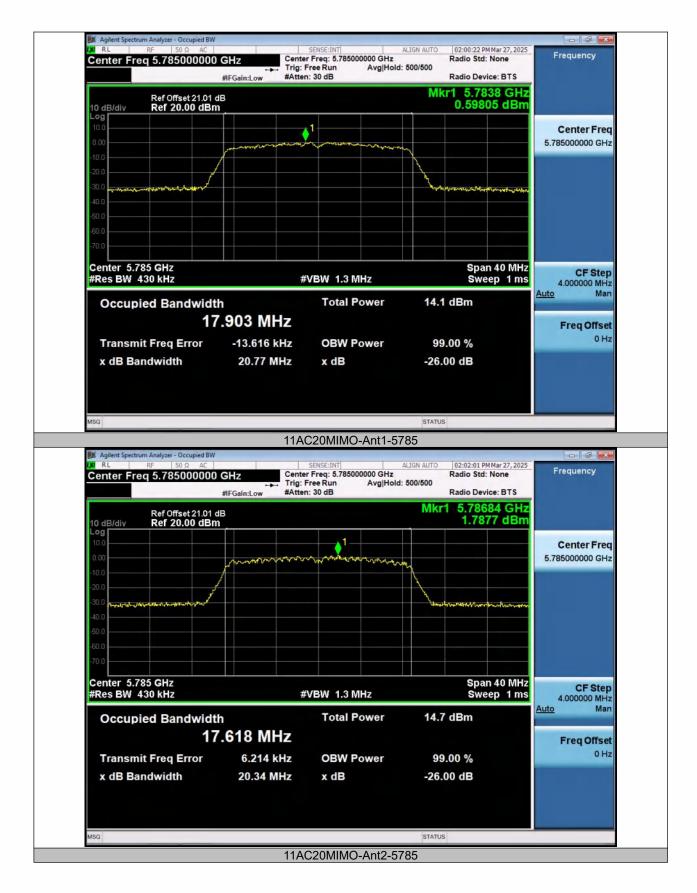




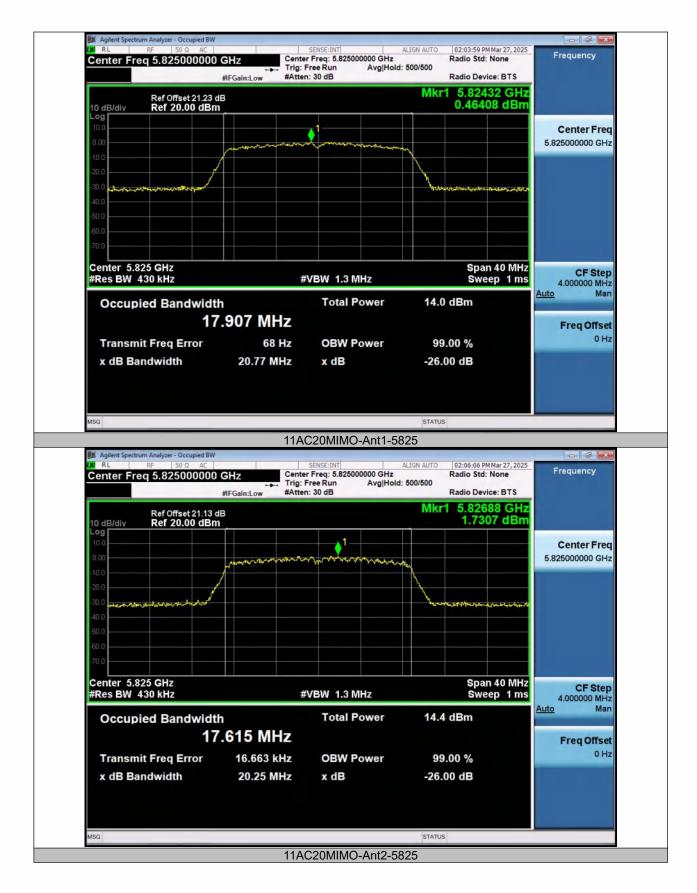




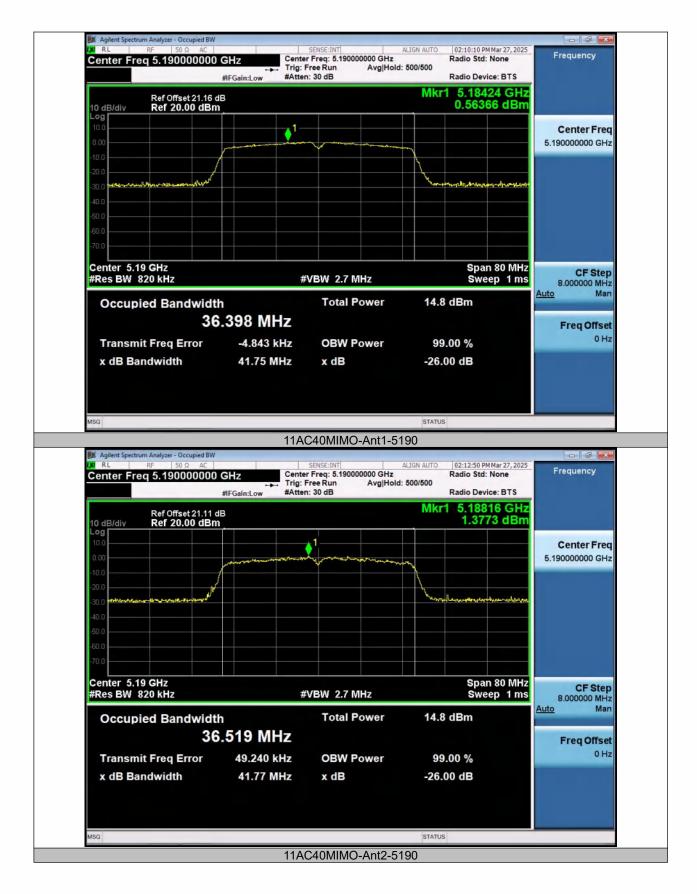




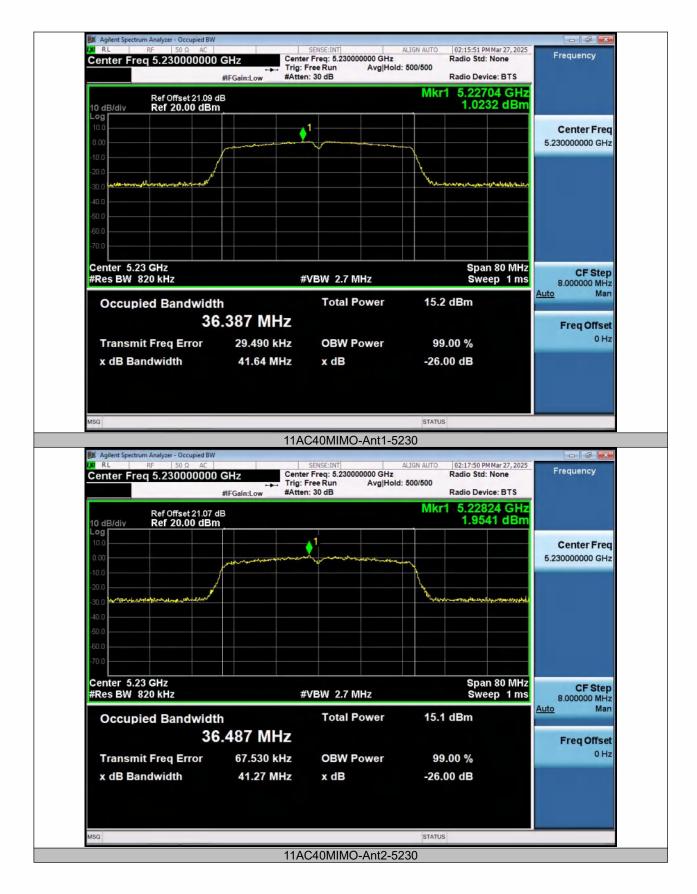




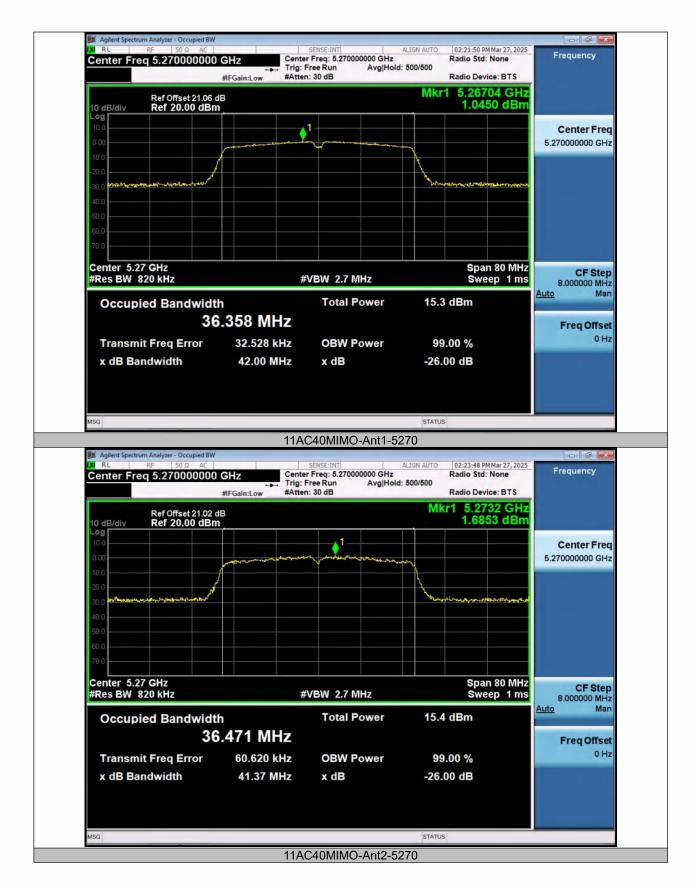




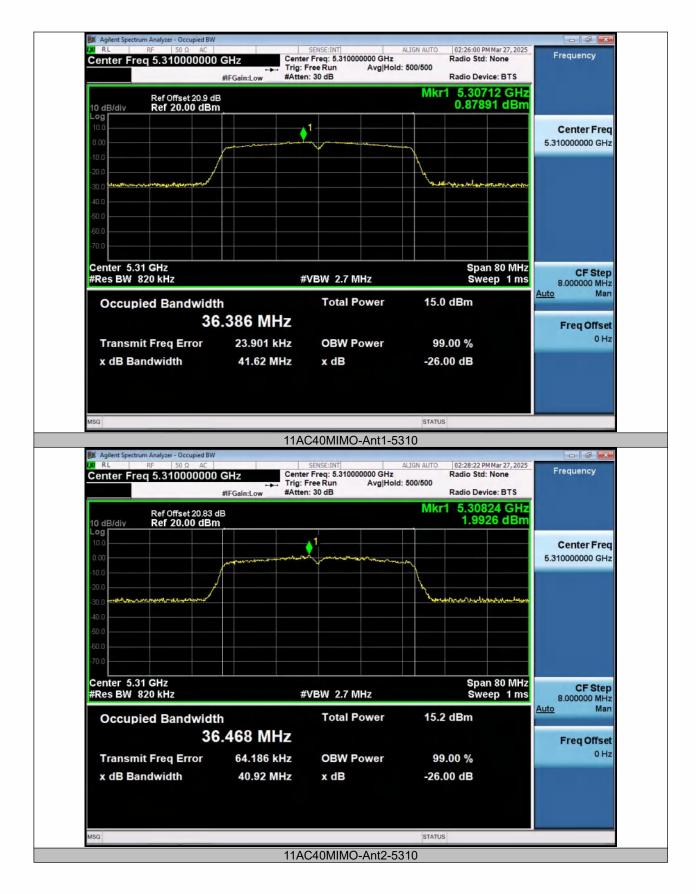




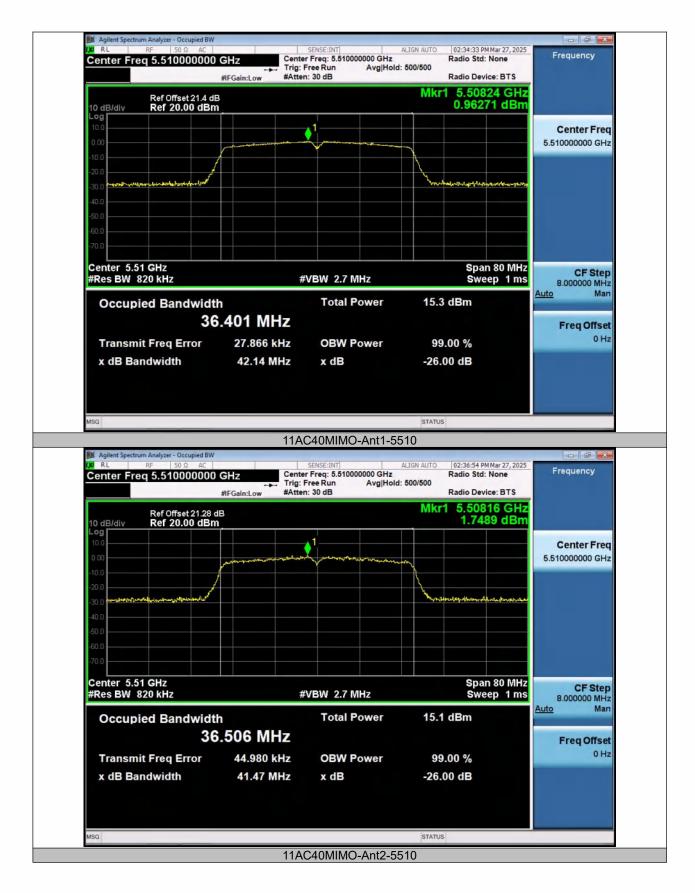




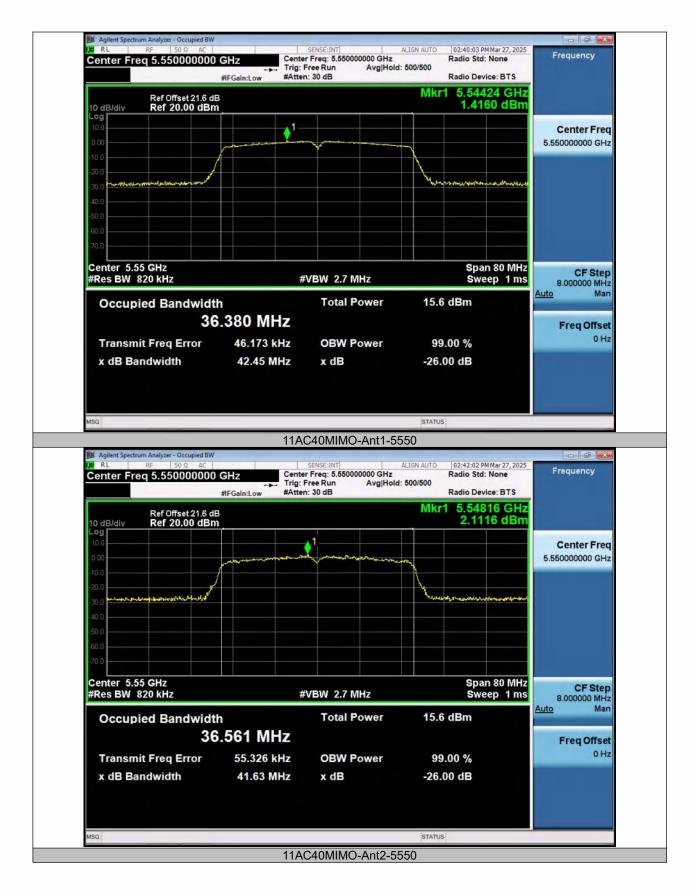




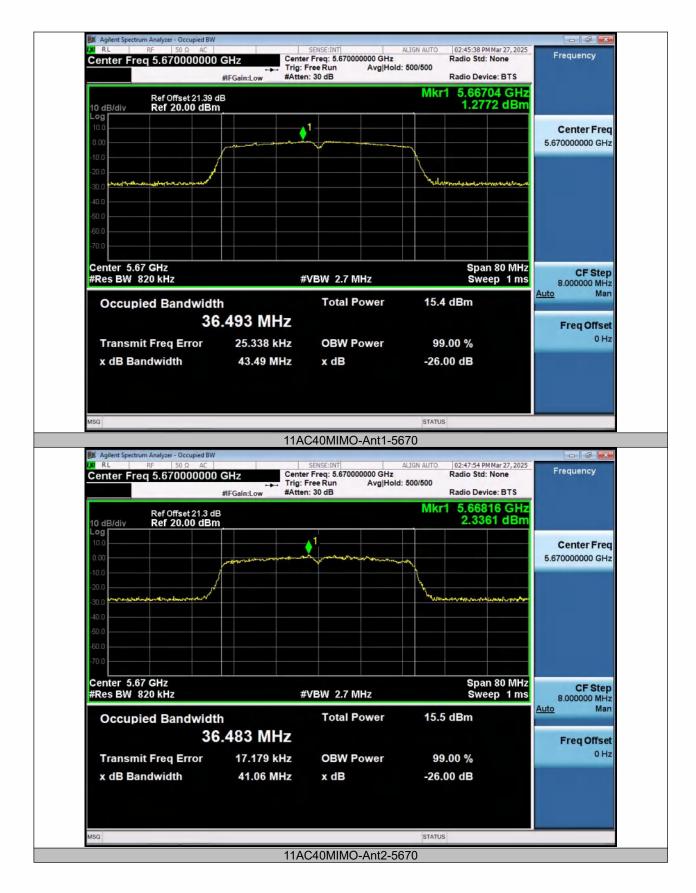




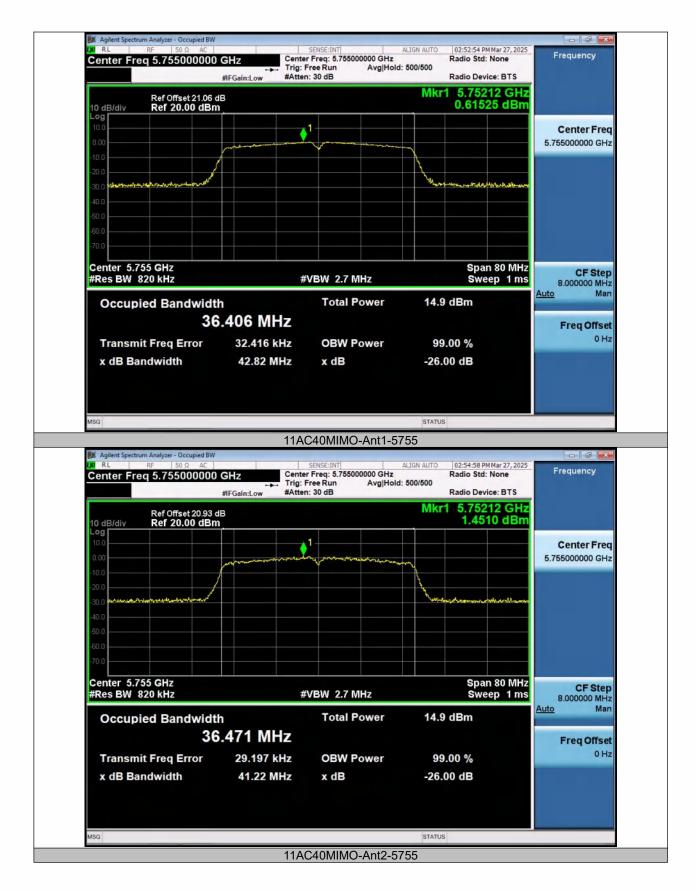




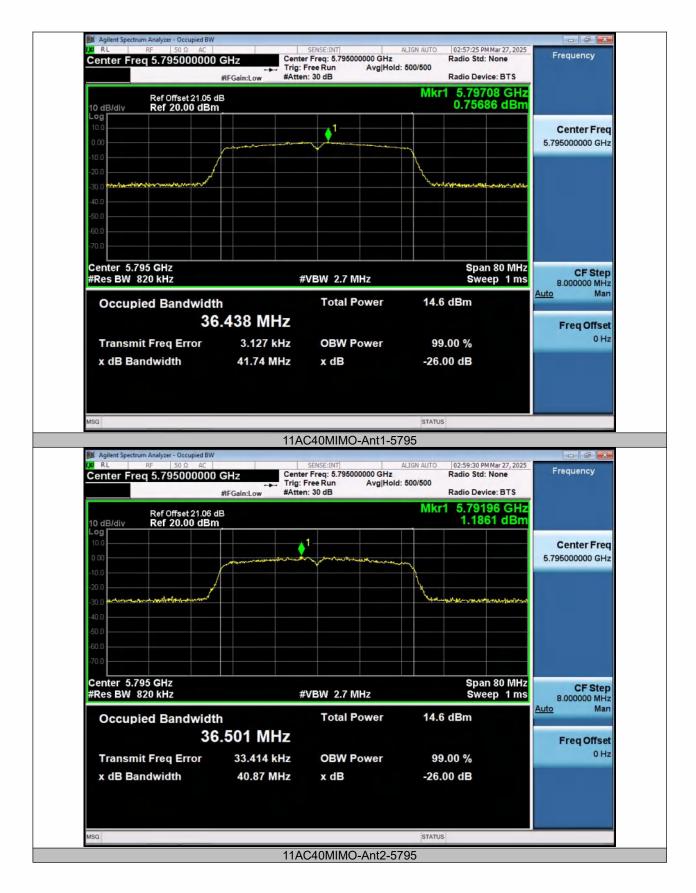




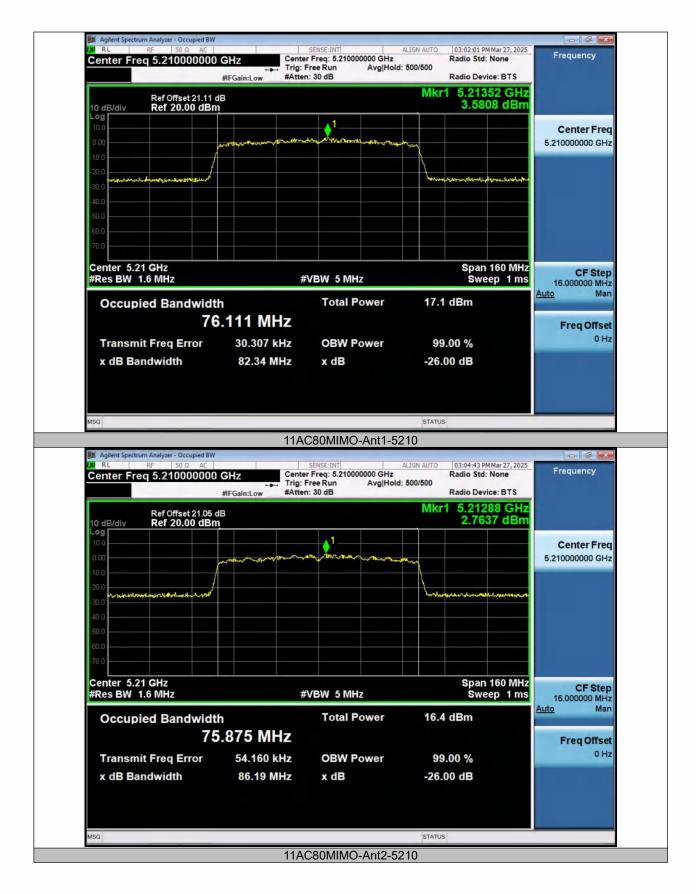




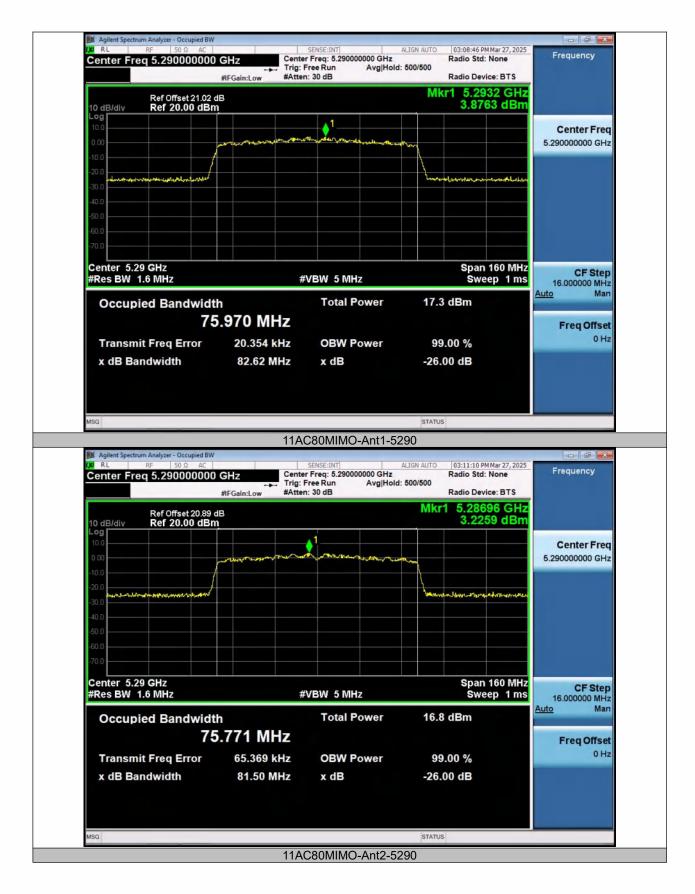




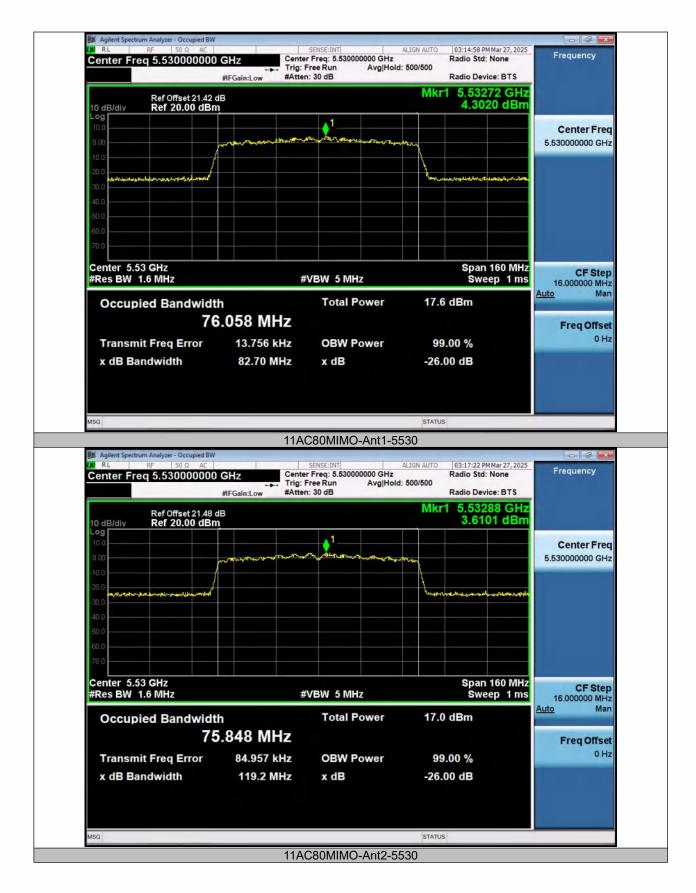






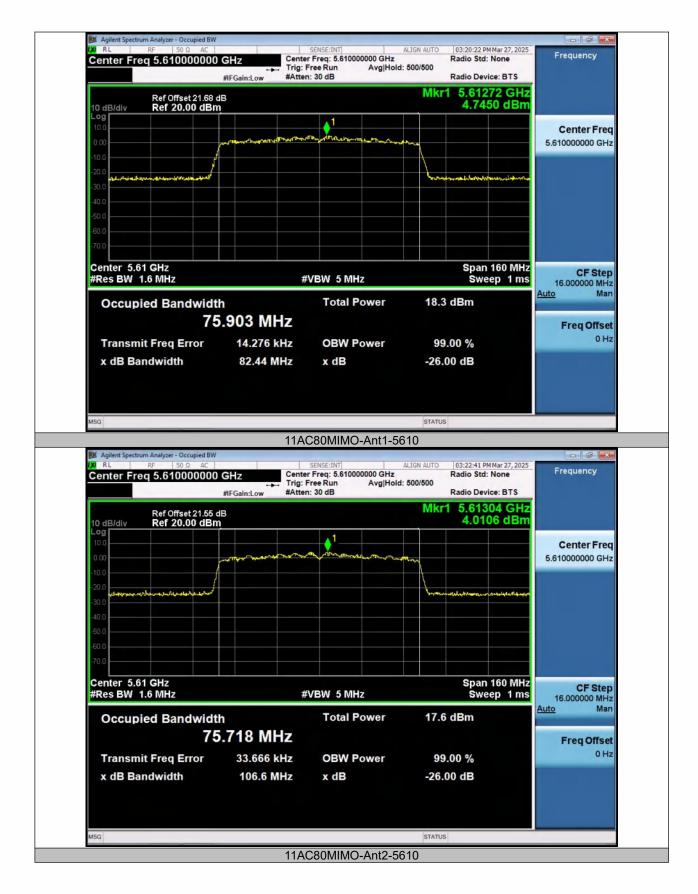




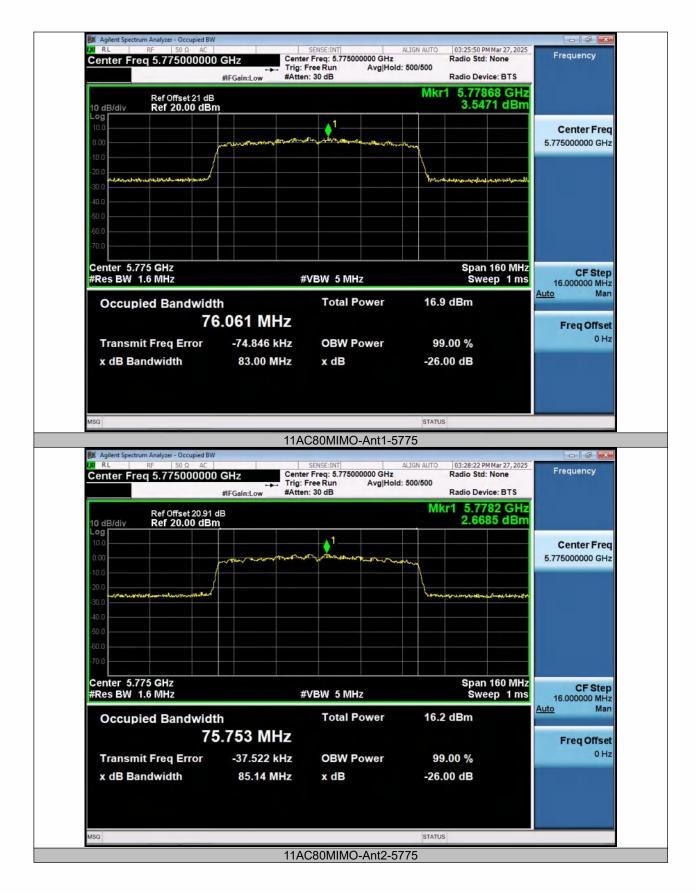


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# 8.2 MAXIMUM CONDUCTED OUTPUT POWER

## 8.2.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNIIBand I According to FCC Part 15.407(a)(2) for UNIIBand II-A and UNIIBand II-C According to FCC Part 15.407(a)(3) for UNIIBand III According to 789033 D02 Section II(E) According to RSS 247, 6.2

## 8.2.2 Conformance Limit

#### FCC Limit:

# ■ For the band 5.15-5.25 GHz

(a)(1) (i) For an outdoor access point, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(a) (1) (ii) For an indoor access point, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(a) (1) (iii) For fixed point-to-point access points, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(a) (1) (iv) For client devices, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

# For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(a) (2)The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

# ■ For the band 5.725-5.85 GHz

(a) (3)The maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations



## IC Limit:

■ Frequency band 5150-5250 MHz

The maximum e.i.r.p. shall not exceed 200 mW or  $10 + 10 \log_{10}B$ , dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.

#### ■ Frequency band 5250-5350 MHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log<sub>10</sub>B, dBm, whichever is less.

The maximum e.i.r.p. shall not exceed 1.0 W or  $17 + 10 \log_{10}B$ , dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

■ Frequency bands 5470-5600 MHz and 5650-5725 MHz

The maximum conducted output power shall not exceed 250 mW or  $11 + 10 \log_{10}B$ , dBm, whichever is less.

The maximum e.i.r.p. shall not exceed 1.0 W or  $17 + 10 \log_{10}B$ , dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

## ■ Frequency band 5725-5850 MHz

The maximum conducted output power shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipointsystems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

# 8.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

# 8.2.4 Test Procedure

The maximum average conducted output power can be measured using Method PM-G (Measurement using a gated RF average power meter):

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

- a. The Transmitter output (antenna port) was connected to the power meter.
- b. Turn on the EUT and power meter and then record the power value.
- c. Repeat above procedures on all channels needed to be tested.

#### 8.2.5 Test Results

Temperature:	25 °C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

Note: N/A

深圳信测标准技术服务股份有限公司 地址:广东省深圳市南山区马家龙工业区69栋 网址:Http://www.emtek.com.cn 邮箱:cs.rep@emtek.com.cn

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Test		Frequenc	Duty	DC	Result	Limit	Gain	EIRP	EIRP	
Mode	Antenna	y[MHz]	Cycle [%]	Factor	[dBm]	[dBm]	[dBi]	[dBm]	Limit	Verdict
11A	Ant1	5180	96.53	[dBm] 0.15	11.86	≤23.98	1.68	13.54	[dBm] 	PASS
11A	Ant2	5180	96.53	0.15	11.16	<u>≤23.90</u>	1.86	13.02		PASS
11A	Ant1	5200	96.53	0.15	11.59	<u>≤23.90</u>	1.68	13.02		PASS
11A	Ant2	5200	96.53	0.15	10.90	<u>≤23.98</u>	1.86	12.76		PASS
11A	Ant1	5240	96.53	0.15	12.00	<u>≤23.90</u>	1.68	13.68		PASS
11A	Ant2	5240	96.53	0.15	11.63	<u>≤23.98</u>	1.86	13.49		PASS
11A	Ant1	5260	96.53	0.15	12.14	<u>≤23.98</u>	1.68	13.82		PASS
11A	Ant2	5260	96.53	0.15	11.65	≤23.98	1.86	13.51		PASS
11A	Ant1	5280	96.53	0.15	11.95	≤23.98	1.68	13.63		PASS
11A	Ant2	5280	96.53	0.15	11.64	≤23.98	1.86	13.50		PASS
11A	Ant1	5320	96.53	0.15	11.72	≤23.98	1.68	13.40		PASS
11A	Ant2	5320	96.53	0.15	11.61	≤23.98	1.86	13.47		PASS
11A	Ant1	5500	96.53	0.15	12.06	≤23.98	1.68	13.74		PASS
11A	Ant2	5500	96.53	0.15	11.40	≤23.98	1.86	13.26		PASS
11A	Ant1	5580	96.53	0.15	12.70	≤23.98	1.68	14.38		PASS
11A	Ant2	5580	96.53	0.15	12.11	≤23.98	1.86	13.97		PASS
11A	Ant1	5700	96.53	0.15	11.87	≤23.98	1.68	13.55		PASS
11A	Ant2	5700	96.53	0.15	11.63	≤23.98	1.86	13.49		PASS
11A	Ant1	5745	96.53	0.15	11.83	≤30.00	1.68	13.51		PASS
11A	Ant2	5745	96.53	0.15	11.30	≤30.00	1.86	13.16		PASS
11A	Ant1	5785	96.53	0.15	11.40	≤30.00	1.68	13.08		PASS
11A	Ant2	5785	96.53	0.15	10.90	≤30.00	1.86	12.76		PASS
11A	Ant1	5825	96.53	0.15	11.48	≤30.00	1.68	13.16		PASS
11A	Ant2	5825	96.53	0.15	10.71	≤30.00	1.86	12.57		PASS
11N20MI MO	Ant1	5180	96.30	0.16	7.52	≤23.98	1.68	9.20		PASS
11N20MI MO	Ant2	5180	96.30	0.16	6.75	≤23.98	1.86	8.61		PASS
11N20MI	total	5180			10.16	≤23.98	1.86	12.02		PASS
MO 11N20MI							/			
MO	Ant1	5200	96.30	0.16	7.29	≤23.98	1.68	8.97		PASS
11N20MI MO	Ant2	5200	96.30	0.16	6.66	≤23.98	1.86	8.52		PASS
11N20MI MO	total	5200			10.00	≤23.98	1.86	11.86		PASS
11N20MI MO	Ant1	5240	96.27	0.17	7.78	≤23.98	1.68	9.46		PASS
11N20MI MO	Ant2	5240	96.30	0.16	7.26	≤23.98	1.86	9.12		PASS
11N20MI MO	total	5240			10.54	≤23.98	1.86	12.40		PASS
11N20MI MO	Ant1	5260	96.30	0.16	7.95	≤23.98	1.68	9.63		PASS
11N20MI MO	Ant2	5260	96.30	0.16	7.39	≤23.98	1.86	9.25		PASS
11N20MI MO	total	5260			10.69	≤23.98	1.86	12.55		PASS
11N20MI MO	Ant1	5280	96.30	0.16	7.98	≤23.98	1.68	9.66		PASS
11N20MI MO	Ant2	5280	96.30	0.16	7.37	≤23.98	1.86	9.23		PASS



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11N20MI MO	total	5280			10.70	≤23.98	1.86	12.56	 PASS
11N20MI MO	Ant1	5320	96.30	0.16	7.63	≤23.98	1.68	9.31	 PASS
11N20MI MO	Ant2	5320	96.30	0.16	7.15	≤23.98	1.86	9.01	 PASS
11N20MI MO	total	5320			10.41	≤23.98	1.86	12.27	 PASS
11N20MI MO	Ant1	5500	96.30	0.16	7.96	≤23.98	1.68	9.64	 PASS
11N20MI MO	Ant2	5500	96.30	0.16	7.05	≤23.98	1.86	8.91	 PASS
11N20MI MO	total	5500			10.54	≤23.98	1.86	12.40	 PASS
11N20MI MO	Ant1	5580	96.30	0.16	8.62	≤23.98	1.68	10.30	 PASS
11N20MI MO	Ant2	5580	96.30	0.16	8.04	≤23.98	1.86	9.90	 PASS
11N20MI MO	total	5580			11.35	≤23.98	1.86	13.21	 PASS
11N20MI MO	Ant1	5700	96.30	0.16	7.73	≤23.98	1.68	9.41	 PASS
11N20MI MO	Ant2	5700	96.30	0.16	7.23	≤23.98	1.86	9.09	 PASS
11N20MI MO	total	5700			10.50	≤23.98	1.86	12.36	 PASS
11N20MI MO	Ant1	5745	96.30	0.16	7.63	≤30.00	1.68	9.31	 PASS
11N20MI MO	Ant2	5745	96.30	0.16	6.84	≤30.00	1.86	8.70	 PASS
11N20MI MO	total	5745		/	10.26	≤30.00	1.86	12.12	 PASS
11N20MI MO	Ant1	5785	96.30	0.16	7.31	≤30.00	1.68	8.99	 PASS
11N20MI MO	Ant2	5785	96.30	0.16	6.62	≤30.00	1.86	8.48	 PASS
11N20MI MO	total	5785			9.99	≤30.00	1.86	11.85	 PASS
11N20MI MO	Ant1	5825	96.30	0.16	7.27	≤30.00	1.68	8.95	 PASS
11N20MI MO	Ant2	5825	96.30	0.16	6.52	≤30.00	1.86	8.38	 PASS
11N20MI MO	total	5825			9.92	≤30.00	1.86	11.78	 PASS
11N40MI MO	Ant1	5190	92.75	0.33	7.66	≤23.98	1.68	9.34	 PASS
11N40MI MO	Ant2	5190	92.75	0.33	6.79	≤23.98	1.86	8.65	 PASS
11N40MI MO	total	5190			10.26	≤23.98	1.86	12.12	 PASS
11N40MI MO	Ant1	5230	92.75	0.33	7.92	≤23.98	1.68	9.60	 PASS
11N40MI MO	Ant2	5230	92.75	0.33	7.16	≤23.98	1.86	9.02	 PASS
11N40MI MO	total	5230			10.57	≤23.98	1.86	12.43	 PASS

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Ant1	5270	92.75	0.33	8.14	≤23.98	1.68	9.82		PASS
Ant2	5270	92.75	0.33	7.40	≤23.98	1.86	9.26		PASS
total	5270			10.80	≤23.98	1.86	12.66		PASS
Ant1	5310	92.75	0.33	7.83	≤23.98	1.68	9.51		PASS
Ant2	5310	92.75	0.33	7.14	≤23.98	1.86	9.00		PASS
total	5310			10.51	≤23.98	1.86	12.37		PASS
Ant1	5510	92.75	0.33	8.17	≤23.98	1.68	9.85		PASS
Ant2	5510	92.75	0.33	7.20	≤23.98	1.86	9.06		PASS
total	5510	_		10.72	≤23.98	1.86	12.58		PASS
Ant1	5550	92.75	0.33	8.52	≤23.98	1.68	10.20		PASS
Ant2	5550	92.75	0.33	7.64	≤23.98	1.86	9.50		PASS
total	5550			11.11	≤23.98	1.86	12.97		PASS
Ant1	5670	92.75	0.33	8.22	≤23.98	1.68	9.90		PASS
Ant2	5670	92.75	0.33	7.45	≤23.98	1.86	9.31		PASS
total	5670			10.86	≤23.98	1.86	12.72		PASS
Ant1	5755	92.75	0.33	7.72	≤30.00	1.68	9.40		PASS
Ant2	5755	92.75	0.33	6.84	≤30.00	1.86	8.70		PASS
total	5755		-	10.31	≤30.00	1.86	12.17		PASS
Ant1	5795	92.75	0.33	7.41	≤30.00	1.68	9.09		PASS
Ant2	5795	92.75	0.33	6.58	≤30.00	1.86	8.44		PASS
total	5795			10.03	≤30.00	1.86	11.89		PASS
Ant1	5180	96.32	0.16	7.37	≤23.98	1.68	9.05		PASS
Ant2	5180	96.32	0.16	6.66	≤23.98	1.86	8.52		PASS
total	5180			10.04	≤23.98	1.86	11.90		PASS
Ant1	5200	96.32	0.16	7.26	≤23.98	1.68	8.94		PASS
Ant2	5200	96.32	0.16	6.59	≤23.98	1.86	8.45		PASS
total	5200			9.95	≤23.98	1.86	11.81		PASS
Ant1	5240	96.32	0.16	7.94	≤23.98	1.68	9.62		PASS
	Ant2         total         Ant1         Ant2	Ant2         5270           total         5270           Ant1         5310           Ant2         5310           Ant2         5310           total         5310           Ant1         5510           Ant2         5510           Ant1         5550           Ant2         5550           Ant2         5550           Ant1         5670           Ant2         5670           Ant2         5670           Ant1         5670           Ant2         5670           Ant1         5670           Ant2         5670           Ant1         5755           Ant2         5755           Ant1         5755           Ant2         5795           Ant1         5795           Ant1         5795           Ant1         5795           Ant1         5180           Ant1         5180           Ant2         5180           Ant1         5200           Ant1         5200           Ant2         5200	Ant2         5270         92.75           total         5270            Ant1         5310         92.75           Ant2         5310         92.75           Ant2         5310         92.75           total         5310         92.75           Ant2         5310         92.75           Ant1         5510         92.75           Ant1         5510         92.75           Ant2         5510         92.75           Ant2         5550         92.75           Ant1         5550         92.75           Ant2         5550         92.75           Ant1         5550         92.75           Ant2         5550         92.75           Ant2         5670         92.75           Ant1         5670         92.75           Ant2         5670         92.75           Ant2         5755         92.75           Ant1         5755         92.75           Ant2         5755         92.75           Ant2         5795         92.75           Ant2         5795         92.75           Ant2         5795         9	Ant2         5270         92.75         0.33           total         5270         92.75         0.33           Ant1         5310         92.75         0.33           Ant2         5310         92.75         0.33           total         5310         92.75         0.33           total         5510         92.75         0.33           Ant2         5510         92.75         0.33           Ant1         5510         92.75         0.33           total         5510         92.75         0.33           Ant2         5550         92.75         0.33           Ant1         5550         92.75         0.33           Ant2         5550         92.75         0.33           total         5570         92.75         0.33           Ant1         5670         92.75         0.33           total         5670         92.75         0.33           Ant2         5670         92.75         0.33           Ant2         5755         92.75         0.33           Ant2         5755         92.75         0.33           Ant2         5795         92.75         0.33 </td <td>Ant2         5270         92.75         0.33         7.40           Ant2         5270          10.80           Ant1         5310         92.75         0.33         7.83           Ant2         5310         92.75         0.33         7.14           total         5310         92.75         0.33         7.14           total         5310         92.75         0.33         7.14           Ant2         5510         92.75         0.33         7.14           Ant1         5510         92.75         0.33         8.17           Ant2         5510         92.75         0.33         7.20           Ant1         5550         92.75         0.33         8.52           Ant1         5550         92.75         0.33         8.52           Ant2         5550         92.75         0.33         8.22           Ant1         5670         92.75         0.33         8.22           Ant2         5670         92.75         0.33         7.45           total         5670         92.75         0.33         7.45           Ant2         5755         92.75         0.33         6.84</td> <td>Ant2         5270         92.75         0.33         7.40         \$23.98           Ant1         5270           10.80         \$23.98           Ant1         5310         92.75         0.33         7.83         \$23.98           Ant2         5310         92.75         0.33         7.83         \$23.98           Ant2         5310         92.75         0.33         7.14         \$23.98           Ant2         5510         92.75         0.33         8.17         \$23.98           Ant2         5510         92.75         0.33         8.17         \$23.98           Ant2         5510         92.75         0.33         7.20         \$23.98           Ant1         5550         92.75         0.33         8.52         \$23.98           Ant1         5550         92.75         0.33         8.52         \$23.98           Ant1         5550         92.75         0.33         8.22         \$23.98           Ant1         5560         92.75         0.33         7.45         \$23.98           Ant1         55670         92.75         0.33         7.45         \$23.98           Ant2</td> <td>Ant2         5270         92.75         0.33         7.40         523.98         1.86           total         5270          10.80         523.98         1.86           Ant1         5310         92.75         0.33         7.83         523.98         1.86           Ant2         5310         92.75         0.33         7.83         523.98         1.86           Ant2         5310         92.75         0.33         7.14         523.98         1.86           Ant2         5510         92.75         0.33         8.17         523.98         1.86           Ant1         5510         92.75         0.33         7.20         523.98         1.86           Ant2         5510         92.75         0.33         7.64         523.98         1.86           Ant1         5550         92.75         0.33         8.52         523.98         1.86           Ant2         5650         92.75         0.33         7.64         523.98         1.86           Ant1         5670         92.75         0.33         7.64         523.98         1.86           Ant2         5670         92.75         0.33         7.72         &lt;</td> <td>Ant2527092.750.337.40<math>\leq 32.98</math>1.869.26total527010.80<math>\leq 23.98</math>1.869.26Ant1531092.750.337.83<math>\leq 23.98</math>1.869.00Ant2531092.750.337.14<math>\leq 23.98</math>1.869.00total531092.750.337.14<math>\leq 23.98</math>1.869.00Ant2551092.750.338.17<math>\leq 23.98</math>1.869.06Ant2551092.750.337.20<math>\leq 23.98</math>1.869.06total551092.750.337.20<math>\leq 23.98</math>1.869.06Ant2551092.750.337.64<math>\leq 23.98</math>1.8612.57Ant1555092.750.337.64<math>\leq 23.98</math>1.8612.97Ant2555092.750.337.64<math>\leq 23.98</math>1.869.01Ant2567092.750.337.45<math>\leq 23.98</math>1.869.01Ant1567092.750.337.45<math>\leq 3.98</math>1.869.12Ant1567092.750.337.45<math>\leq 3.98</math>1.869.12Ant2567092.750.337.45<math>\leq 3.98</math>1.869.12Ant3567092.750.337.45<math>\leq 3.98</math>1.869.12Ant2567092.750.337.45<math>\leq 3.98</math>1.869.12Ant2<td>Ant2         5270         92.75         0.33         7.40         s23.88         1.86         9.26            total         5270          10.80         s23.98         1.86         12.66            Ant1         5310         92.75         0.33         7.83         s23.98         1.86         9.00            Ant2         5310         92.75         0.33         7.14         s23.98         1.86         9.00            Ant2         5310         92.75         0.33         7.14         s23.98         1.86         9.00            Ant1         5510         92.75         0.33         7.20         s23.98         1.86         9.60            Ant1         5510         92.75         0.33         7.64         s23.98         1.86         12.97            Ant1         5550         92.75         0.33         7.64         s23.98         1.86         12.97            Ant1         5550         92.75         0.33         7.64         s23.98         1.86         9.09            Ant2         5550         92.75</td></td>	Ant2         5270         92.75         0.33         7.40           Ant2         5270          10.80           Ant1         5310         92.75         0.33         7.83           Ant2         5310         92.75         0.33         7.14           total         5310         92.75         0.33         7.14           total         5310         92.75         0.33         7.14           Ant2         5510         92.75         0.33         7.14           Ant1         5510         92.75         0.33         8.17           Ant2         5510         92.75         0.33         7.20           Ant1         5550         92.75         0.33         8.52           Ant1         5550         92.75         0.33         8.52           Ant2         5550         92.75         0.33         8.22           Ant1         5670         92.75         0.33         8.22           Ant2         5670         92.75         0.33         7.45           total         5670         92.75         0.33         7.45           Ant2         5755         92.75         0.33         6.84	Ant2         5270         92.75         0.33         7.40         \$23.98           Ant1         5270           10.80         \$23.98           Ant1         5310         92.75         0.33         7.83         \$23.98           Ant2         5310         92.75         0.33         7.83         \$23.98           Ant2         5310         92.75         0.33         7.14         \$23.98           Ant2         5510         92.75         0.33         8.17         \$23.98           Ant2         5510         92.75         0.33         8.17         \$23.98           Ant2         5510         92.75         0.33         7.20         \$23.98           Ant1         5550         92.75         0.33         8.52         \$23.98           Ant1         5550         92.75         0.33         8.52         \$23.98           Ant1         5550         92.75         0.33         8.22         \$23.98           Ant1         5560         92.75         0.33         7.45         \$23.98           Ant1         55670         92.75         0.33         7.45         \$23.98           Ant2	Ant2         5270         92.75         0.33         7.40         523.98         1.86           total         5270          10.80         523.98         1.86           Ant1         5310         92.75         0.33         7.83         523.98         1.86           Ant2         5310         92.75         0.33         7.83         523.98         1.86           Ant2         5310         92.75         0.33         7.14         523.98         1.86           Ant2         5510         92.75         0.33         8.17         523.98         1.86           Ant1         5510         92.75         0.33         7.20         523.98         1.86           Ant2         5510         92.75         0.33         7.64         523.98         1.86           Ant1         5550         92.75         0.33         8.52         523.98         1.86           Ant2         5650         92.75         0.33         7.64         523.98         1.86           Ant1         5670         92.75         0.33         7.64         523.98         1.86           Ant2         5670         92.75         0.33         7.72         <	Ant2527092.750.337.40 $\leq 32.98$ 1.869.26total527010.80 $\leq 23.98$ 1.869.26Ant1531092.750.337.83 $\leq 23.98$ 1.869.00Ant2531092.750.337.14 $\leq 23.98$ 1.869.00total531092.750.337.14 $\leq 23.98$ 1.869.00Ant2551092.750.338.17 $\leq 23.98$ 1.869.06Ant2551092.750.337.20 $\leq 23.98$ 1.869.06total551092.750.337.20 $\leq 23.98$ 1.869.06Ant2551092.750.337.64 $\leq 23.98$ 1.8612.57Ant1555092.750.337.64 $\leq 23.98$ 1.8612.97Ant2555092.750.337.64 $\leq 23.98$ 1.869.01Ant2567092.750.337.45 $\leq 23.98$ 1.869.01Ant1567092.750.337.45 $\leq 3.98$ 1.869.12Ant1567092.750.337.45 $\leq 3.98$ 1.869.12Ant2567092.750.337.45 $\leq 3.98$ 1.869.12Ant3567092.750.337.45 $\leq 3.98$ 1.869.12Ant2567092.750.337.45 $\leq 3.98$ 1.869.12Ant2 <td>Ant2         5270         92.75         0.33         7.40         s23.88         1.86         9.26            total         5270          10.80         s23.98         1.86         12.66            Ant1         5310         92.75         0.33         7.83         s23.98         1.86         9.00            Ant2         5310         92.75         0.33         7.14         s23.98         1.86         9.00            Ant2         5310         92.75         0.33         7.14         s23.98         1.86         9.00            Ant1         5510         92.75         0.33         7.20         s23.98         1.86         9.60            Ant1         5510         92.75         0.33         7.64         s23.98         1.86         12.97            Ant1         5550         92.75         0.33         7.64         s23.98         1.86         12.97            Ant1         5550         92.75         0.33         7.64         s23.98         1.86         9.09            Ant2         5550         92.75</td>	Ant2         5270         92.75         0.33         7.40         s23.88         1.86         9.26            total         5270          10.80         s23.98         1.86         12.66            Ant1         5310         92.75         0.33         7.83         s23.98         1.86         9.00            Ant2         5310         92.75         0.33         7.14         s23.98         1.86         9.00            Ant2         5310         92.75         0.33         7.14         s23.98         1.86         9.00            Ant1         5510         92.75         0.33         7.20         s23.98         1.86         9.60            Ant1         5510         92.75         0.33         7.64         s23.98         1.86         12.97            Ant1         5550         92.75         0.33         7.64         s23.98         1.86         12.97            Ant1         5550         92.75         0.33         7.64         s23.98         1.86         9.09            Ant2         5550         92.75

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Ant2	5240	96.32	0.16	7.27	≤23.98	1.86	9.13		PASS
total	5240			10.63	≤23.98	1.86	12.49		PASS
Ant1	5260	96.32	0.16	8.05	≤23.98	1.68	9.73		PASS
Ant2	5260	96.32	0.16	7.38	≤23.98	1.86	9.24		PASS
total	5260			10.74	≤23.98	1.86	12.60		PASS
Ant1	5280	96.32	0.16	8.09	≤23.98	1.68	9.77		PASS
Ant2	5280	96.32	0.16	7.36	≤23.98	1.86	9.22		PASS
total	5280			10.75	≤23.98	1.86	12.61		PASS
Ant1	5320	96.32	0.16	7.83	≤23.98	1.68	9.51		PASS
Ant2	5320	96.32	0.16	7.24	≤23.98	1.86	9.10		PASS
total	5320			10.56	≤23.98	1.86	12.42		PASS
Ant1	5500	96.32	0.16	7.95	≤23.98	1.68	9.63		PASS
Ant2	5500	96.32	0.16	7.05	≤23.98	1.86	8.91		PASS
total	5500			10.53	≤23.98	1.86	12.39		PASS
Ant1	5580	96.32	0.16	8.66	≤23.98	1.68	10.34		PASS
Ant2	5580	96.32	0.16	8.02	≤23.98	1.86	9.88		PASS
total	5580			11.36	≤23.98	1.86	13.22		PASS
Ant1	5700	96.32	0.16	7.72	≤23.98	1.68	9.40		PASS
Ant2	5700	96.32	0.16	7.25	≤23.98	1.86	9.11		PASS
total	5700			10.50	≤23.98	1.86	12.36		PASS
Ant1	5745	96.32	0.16	7.74	≤30.00	1.68	9.42		PASS
Ant2	5745	96.32	0.16	6.97	≤30.00	1.86	8.83		PASS
total	5745			10.38	≤30.00	1.86	12.24		PASS
Ant1	5785	96.32	0.16	7.34	≤30.00	1.68	9.02		PASS
Ant2	5785	96.32	0.16	6.68	≤30.00	1.86	8.54		PASS
total	5785			10.03	≤30.00	1.86	11.89		PASS
Ant1	5825	96.32	0.16	7.20	≤30.00	1.68	8.88		PASS
Ant2	5825	96.32	0.16	6.40	≤30.00	1.86	8.26		PASS
	total Ant1 Ant2 Ant2 Ant2 total Ant1 Ant2 Ant2 Ant2 Ant2 Ant2 Ant2 Ant2 Ant2	itotal         5240           Ant1         5260           Ant2         5260           itotal         5280           Ant1         5280           Ant2         5280           Ant1         5280           Ant2         5280           Ant2         5280           Ant1         5320           Ant1         5320           Ant2         5320           Ant1         5320           Ant2         5320           Ant2         5320           Ant1         5500           Ant2         5500           Ant2         5500           Ant1         5580           Ant2         5580           Ant1         5580           Ant2         5700           Ant1         5700           Ant2         5700           Ant1         5700           Ant2         5700           Ant1         5700           Ant2         5745           Ant1         5745           Ant2         5745           Ant1         5785           Ant2         5785           Ant	Image: mark mark mark mark mark mark mark mark	Image: Constraint of the section of the sec	total         5240          10.63           Ant1         5260         96.32         0.16         8.05           Ant2         5260         96.32         0.16         7.38           total         5260         96.32         0.16         8.09           Ant1         5280         96.32         0.16         8.09           Ant1         5280         96.32         0.16         7.36           Ant1         5280         96.32         0.16         7.36           Ant2         5280         96.32         0.16         7.36           Ant1         5320         96.32         0.16         7.83           Ant1         5320         96.32         0.16         7.24           total         5320         96.32         0.16         7.24           Ant2         5320         96.32         0.16         7.95           Ant1         5500         96.32         0.16         7.05           Ant1         5500         96.32         0.16         8.66           Ant2         5580         96.32         0.16         7.24           Ant1         5700         96.32         0.16         7.2	total         5240          I.o.         I.o.         223.98           Ant1         5260         96.32         0.16         8.05         223.98           Ant2         5260         96.32         0.16         7.38         223.98           total         5260          I.o.         10.74         223.98           Ant1         5280         96.32         0.16         8.09         223.98           Ant2         5280         96.32         0.16         7.36         23.98           Ant1         5280         96.32         0.16         7.05         23.98           Ant1         5280         96.32         0.16         7.24         23.98           Ant1         5320         96.32         0.16         7.24         23.98           Ant1         5320         96.32         0.16         7.05         23.98           Ant1         5500         96.32         0.16         7.05         23.98           Ant1         5500         96.32         0.16         7.05         23.98           Ant2         5500         96.32         0.16         8.02         23.98           Ant2         5580 <td>total5240 10.63<math>\leq 23.98</math>1.86Ant1526096.320.168.05<math>\leq 23.98</math>1.86Ant2526096.320.167.38<math>\leq 23.98</math>1.86total526096.320.168.09<math>\leq 23.98</math>1.86Ant1528096.320.168.09<math>\leq 23.98</math>1.86Ant2528096.320.167.36<math>\leq 23.98</math>1.86total528096.320.167.36<math>\leq 23.98</math>1.86Ant2528096.320.167.36<math>\leq 23.98</math>1.86Ant1532096.320.167.24<math>\leq 23.98</math>1.86Ant2532096.320.167.24<math>\leq 23.98</math>1.86Ant1550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.05<math>\leq 23.98</math>1.86Ant1550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.05<math>\leq 23.98</math>1.86Ant2550096.320.167.72<math>\leq 23.98</math>1.86Ant25580</td> <td>Image: birder birder</td> <td>total         5240          10.63         s23.98         1.86         12.49            Ant1         5260         96.32         0.16         8.05         s23.98         1.86         9.73            Ant2         5260         96.32         0.16         7.38         s23.98         1.86         9.24            total         5260         96.32         0.16         7.38         s23.98         1.86         9.24            Ant1         5280         96.32         0.16         7.36         s23.98         1.86         9.24            Ant2         5280         96.32         0.16         7.36         s23.98         1.86         9.22            Ant1         5320         96.32         0.16         7.35         s23.98         1.86         9.10            Ant2         5320         96.32         0.16         7.24         s23.98         1.86         9.42            Ant2         5500         96.32         0.16         7.05         s23.98         1.86         12.49            Ant1         5500         96.32</td>	total5240 10.63 $\leq 23.98$ 1.86Ant1526096.320.168.05 $\leq 23.98$ 1.86Ant2526096.320.167.38 $\leq 23.98$ 1.86total526096.320.168.09 $\leq 23.98$ 1.86Ant1528096.320.168.09 $\leq 23.98$ 1.86Ant2528096.320.167.36 $\leq 23.98$ 1.86total528096.320.167.36 $\leq 23.98$ 1.86Ant2528096.320.167.36 $\leq 23.98$ 1.86Ant1532096.320.167.24 $\leq 23.98$ 1.86Ant2532096.320.167.24 $\leq 23.98$ 1.86Ant1550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.05 $\leq 23.98$ 1.86Ant1550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.05 $\leq 23.98$ 1.86Ant2550096.320.167.72 $\leq 23.98$ 1.86Ant25580	Image: birder	total         5240          10.63         s23.98         1.86         12.49            Ant1         5260         96.32         0.16         8.05         s23.98         1.86         9.73            Ant2         5260         96.32         0.16         7.38         s23.98         1.86         9.24            total         5260         96.32         0.16         7.38         s23.98         1.86         9.24            Ant1         5280         96.32         0.16         7.36         s23.98         1.86         9.24            Ant2         5280         96.32         0.16         7.36         s23.98         1.86         9.22            Ant1         5320         96.32         0.16         7.35         s23.98         1.86         9.10            Ant2         5320         96.32         0.16         7.24         s23.98         1.86         9.42            Ant2         5500         96.32         0.16         7.05         s23.98         1.86         12.49            Ant1         5500         96.32

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11AC20M IMO	total	5825			9.83	≤30.00	1.86	11.69	 PASS
11AC40M IMO	Ant1	5190	92.86	0.32	7.63	≤23.98	1.68	9.31	 PASS
11AC40M IMO	Ant2	5190	92.86	0.32	6.78	≤23.98	1.86	8.64	 PASS
11AC40M IMO	total	5190			10.24	≤23.98	1.86	12.10	 PASS
11AC40M IMO	Ant1	5230	92.86	0.32	7.99	≤23.98	1.68	9.67	 PASS
11AC40M IMO	Ant2	5230	92.86	0.32	7.09	≤23.98	1.86	8.95	 PASS
11AC40M IMO	total	5230			10.57	≤23.98	1.86	12.43	 PASS
11AC40M IMO	Ant1	5270	92.86	0.32	8.15	≤23.98	1.68	9.83	 PASS
11AC40M IMO	Ant2	5270	92.86	0.32	7.43	≤23.98	1.86	9.29	 PASS
11AC40M IMO	total	5270			10.82	≤23.98	1.86	12.68	 PASS
11AC40M IMO	Ant1	5310	92.86	0.32	7.86	≤23.98	1.68	9.54	 PASS
11AC40M IMO	Ant2	5310	92.86	0.32	7.23	≤23.98	1.86	9.09	 PASS
11AC40M IMO	total	5310			10.57	≤23.98	1.86	12.43	 PASS
11AC40M IMO	Ant1	5510	92.86	0.32	8.14	≤23.98	1.68	9.82	 PASS
11AC40M IMO	Ant2	5510	92.86	0.32	7.11	≤23.98	1.86	8.97	 PASS
11AC40M IMO	total	5510			10.67	≤23.98	1.86	12.53	 PASS
11AC40M IMO	Ant1	5550	92.86	0.32	8.47	≤23.98	1.68	10.15	 PASS
11AC40M IMO	Ant2	5550	92.86	0.32	7.56	≤23.98	1.86	9.42	 PASS
11AC40M IMO	total	5550			11.05	≤23.98	1.86	12.91	 PASS
11AC40M IMO	Ant1	5670	92.86	0.32	8.23	≤23.98	1.68	9.91	 PASS
11AC40M IMO	Ant2	5670	92.86	0.32	7.56	≤23.98	1.86	9.42	 PASS
11AC40M IMO	total	5670			10.92	≤23.98	1.86	12.78	 PASS
11AC40M IMO	Ant1	5755	92.86	0.32	7.72	≤30.00	1.68	9.40	 PASS
11AC40M IMO	Ant2	5755	92.86	0.32	6.82	≤30.00	1.86	8.68	 PASS
11AC40M IMO	total	5755			10.30	≤30.00	1.86	12.16	 PASS
11AC40M IMO	Ant1	5795	92.86	0.32	7.37	≤30.00	1.68	9.05	 PASS
11AC40M IMO	Ant2	5795	92.86	0.32	6.51	≤30.00	1.86	8.37	 PASS
11AC40M IMO	total	5795			9.97	≤30.00	1.86	11.83	 PASS

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11AC80M IMO	Ant1	5210	86.49	0.63	8.42	≤23.98	1.68	10.10	 PASS
11AC80M IMO	Ant2	5210	86.49	0.63	7.56	≤23.98	1.86	9.42	 PASS
11AC80M IMO	total	5210			11.02	≤23.98	1.86	12.88	 PASS
11AC80M IMO	Ant1	5290	86.49	0.63	8.65	≤23.98	1.68	10.33	 PASS
11AC80M IMO	Ant2	5290	86.49	0.63	7.91	≤23.98	1.86	9.77	 PASS
11AC80M IMO	total	5290			11.31	≤23.98	1.86	13.17	 PASS
11AC80M IMO	Ant1	5530	86.49	0.63	8.94	≤23.98	1.68	10.62	 PASS
11AC80M IMO	Ant2	5530	86.49	0.63	8.16	≤23.98	1.86	10.02	 PASS
11AC80M IMO	total	5530			11.58	≤23.98	1.86	13.44	 PASS
11AC80M IMO	Ant1	5610	86.49	0.63	9.59	≤23.98	1.68	11.27	 PASS
11AC80M IMO	Ant2	5610	86.49	0.63	8.77	≤23.98	1.86	10.63	 PASS
11AC80M IMO	total	5610			12.21	≤23.98	1.86	14.07	 PASS
11AC80M IMO	Ant1	5775	86.49	0.63	8.25	≤30.00	1.68	9.93	 PASS
11AC80M IMO	Ant2	5775	86.49	0.63	7.29	≤30.00	1.86	9.15	 PASS
11AC80M IMO	total	5775			10.81	≤30.00	1.86	12.67	 PASS

Note: The Duty Cycle Factor is compensated in the graph.

EIRP = conducted power + directional gain



