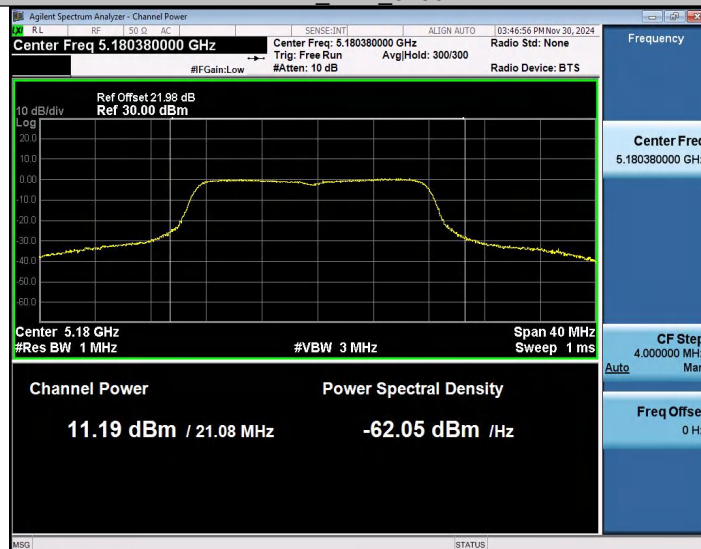


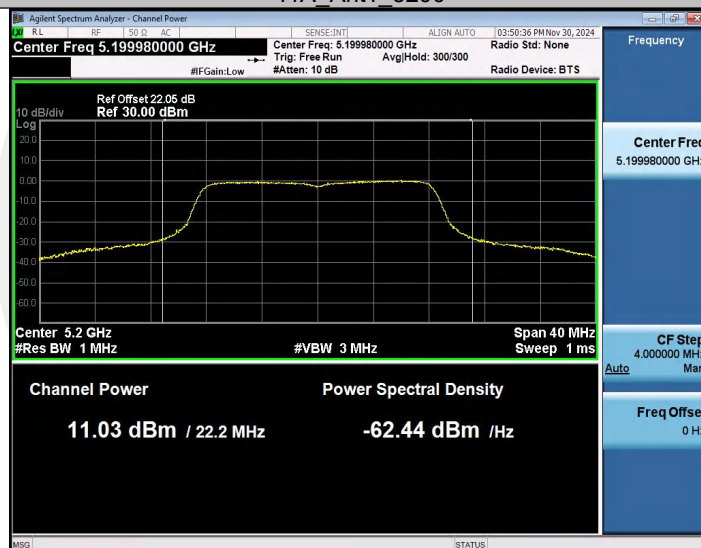
11AC40SI SO	Ant1	5190	12.19	$\leq 23.98$	2.77	14.96	---	PASS
		5230	12.84	$\leq 23.98$	2.77	15.61	---	PASS
		5270	12.62	$\leq 23.98$	2.77	15.39	---	PASS
		5310	12.40	$\leq 23.98$	2.77	15.17	---	PASS
		5510	12.44	$\leq 23.98$	2.77	15.21	---	PASS
		5550	13.39	$\leq 23.98$	2.77	16.16	---	PASS
		5670	13.67	$\leq 23.98$	2.77	16.44	---	PASS
		5755	12.69	$\leq 30.00$	2.77	15.46	---	PASS
		5795	12.58	$\leq 30.00$	2.77	15.35	---	PASS
11AC80SI SO	Ant1	5210	12.30	$\leq 23.98$	2.77	15.07	---	PASS
		5290	12.20	$\leq 23.98$	2.77	14.97	---	PASS
		5530	12.44	$\leq 23.98$	2.77	15.21	---	PASS
		5610	13.39	$\leq 23.98$	2.77	16.16	---	PASS
		5775	12.42	$\leq 30.00$	2.77	15.19	---	PASS



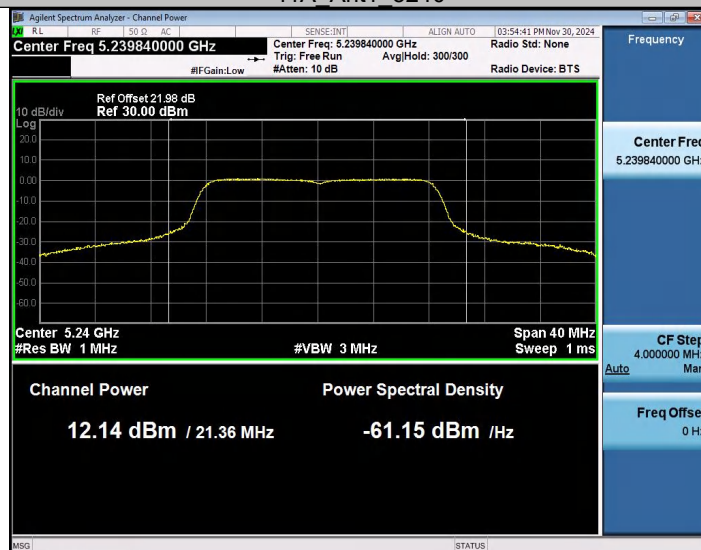
## 11A Ant1 5180



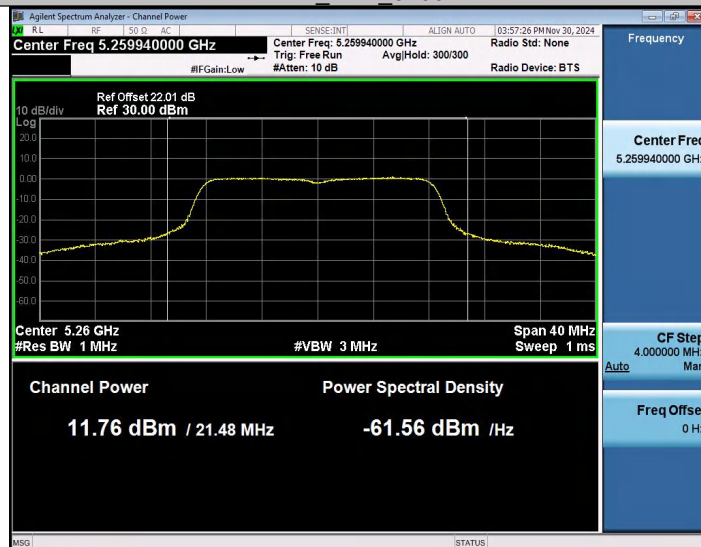
## 11A Ant1 5200



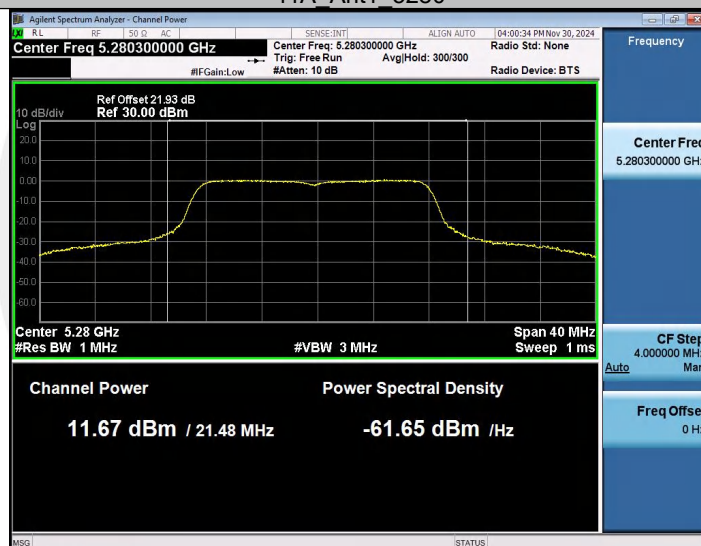
## 11A Ant1 5240



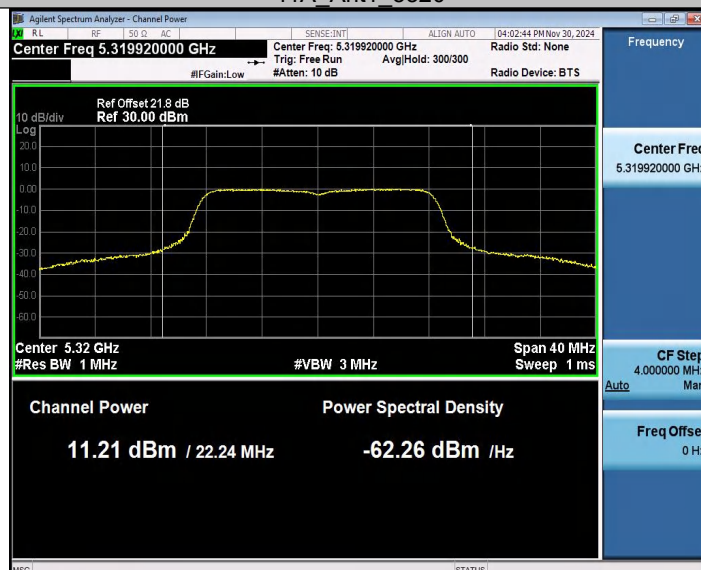
## 11A\_Ant1\_5260



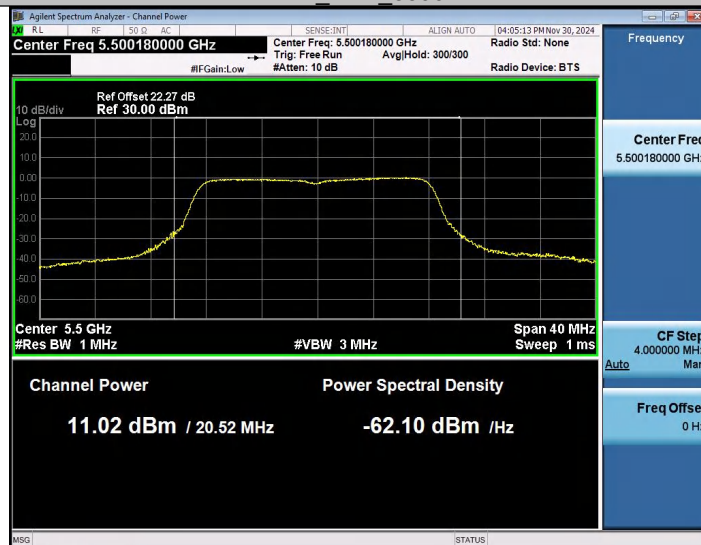
## 11A\_Ant1\_5280



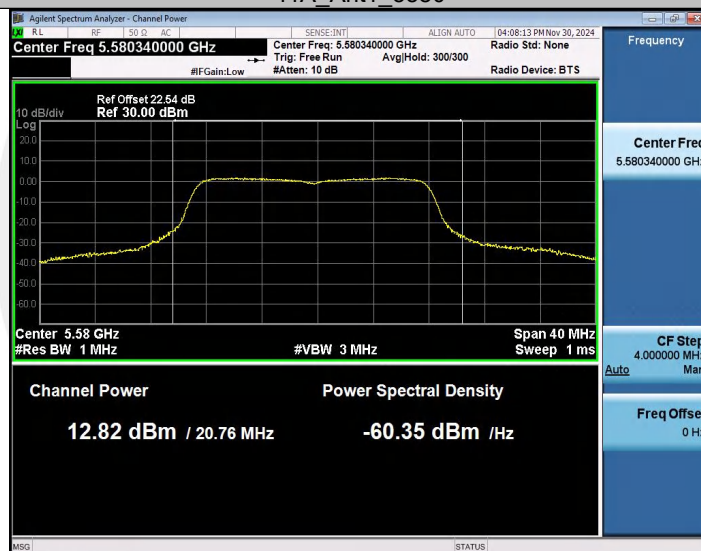
## 11A\_Ant1\_5320



## 11A\_Ant1\_5500



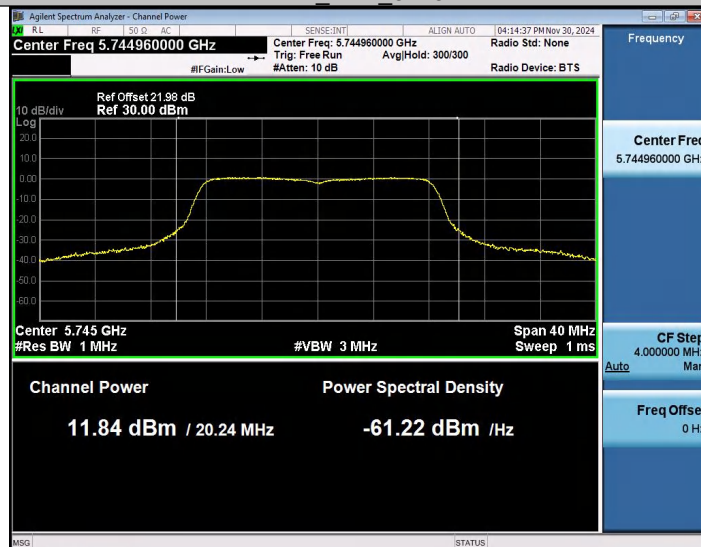
## 11A\_Ant1\_5580



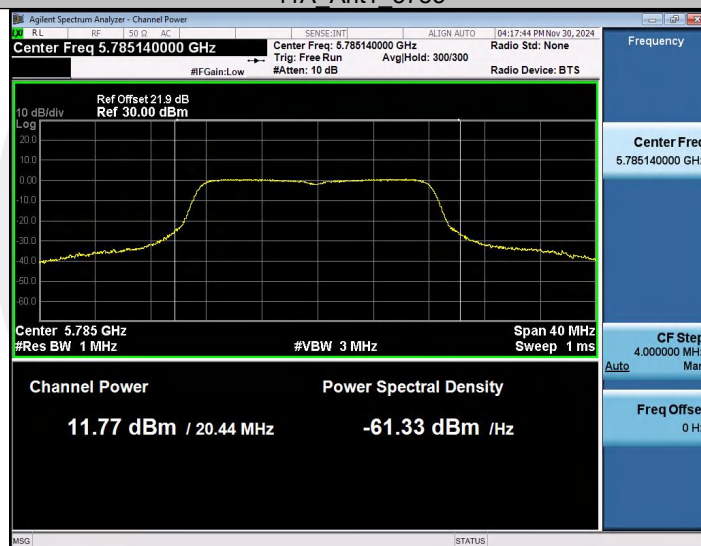
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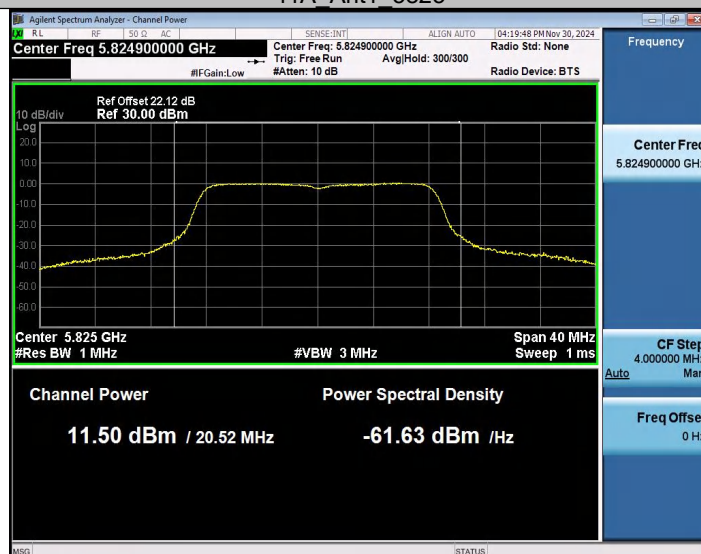
## 11A Ant1 5745



## 11A Ant1 5785

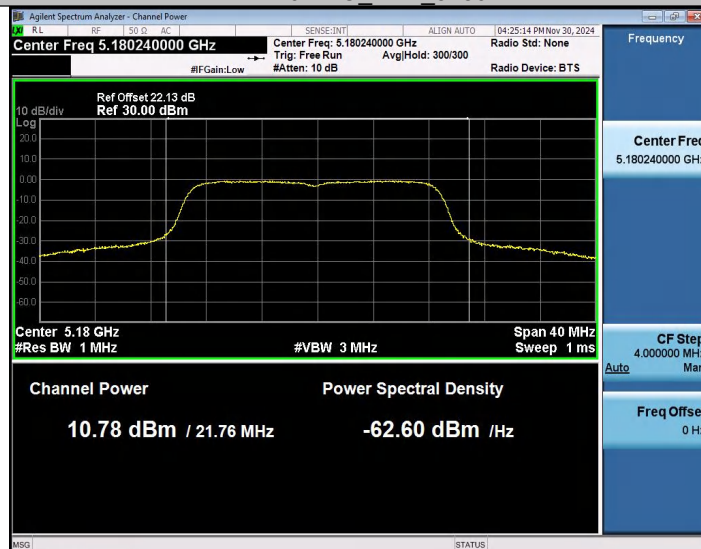


## 11A Ant1 5825

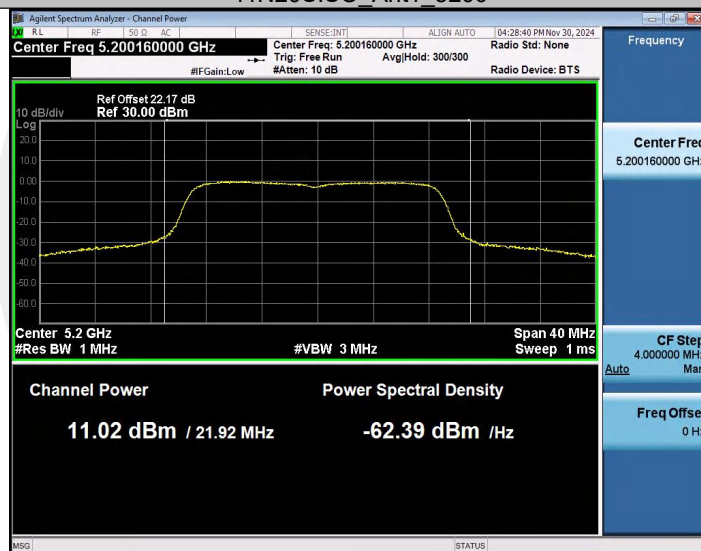




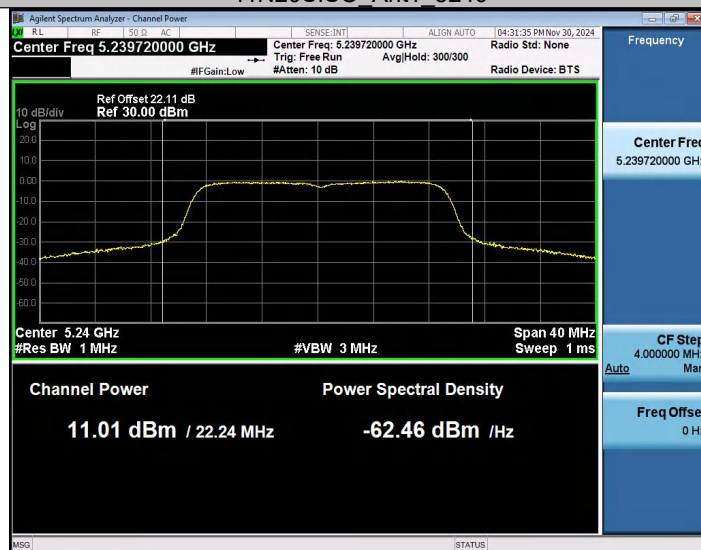
## 11N20SISO\_Ant1\_5180



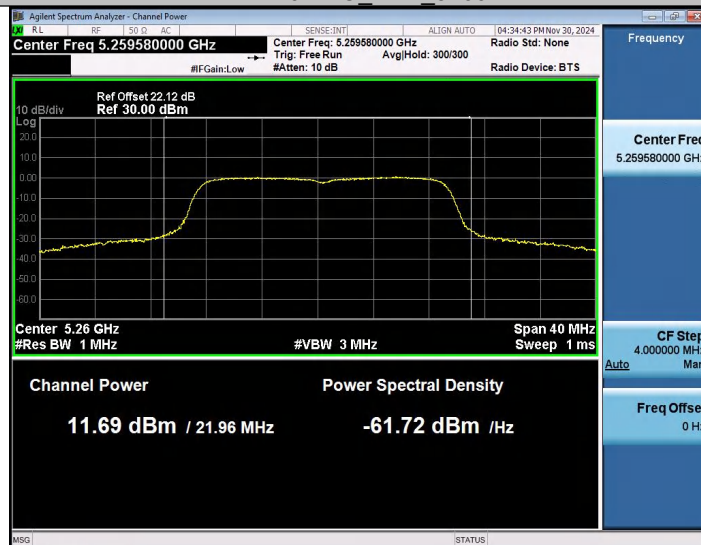
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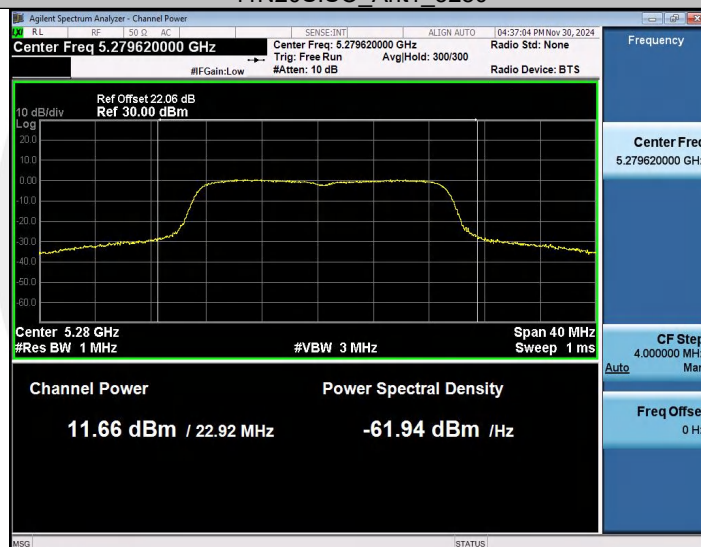
## 11N20SISO\_Ant1\_5240



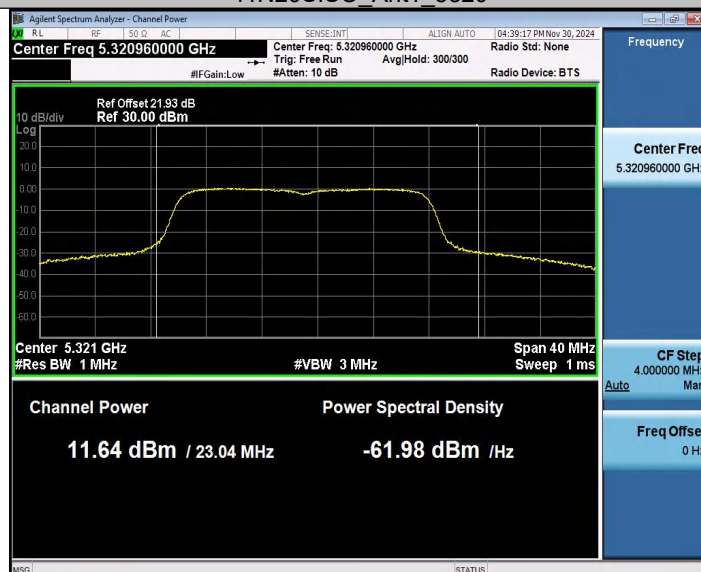
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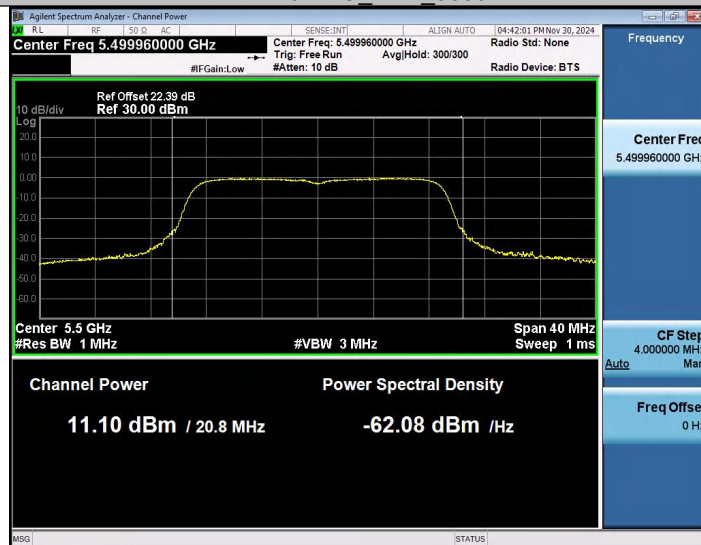
## 11N20SISO\_Ant1\_5280



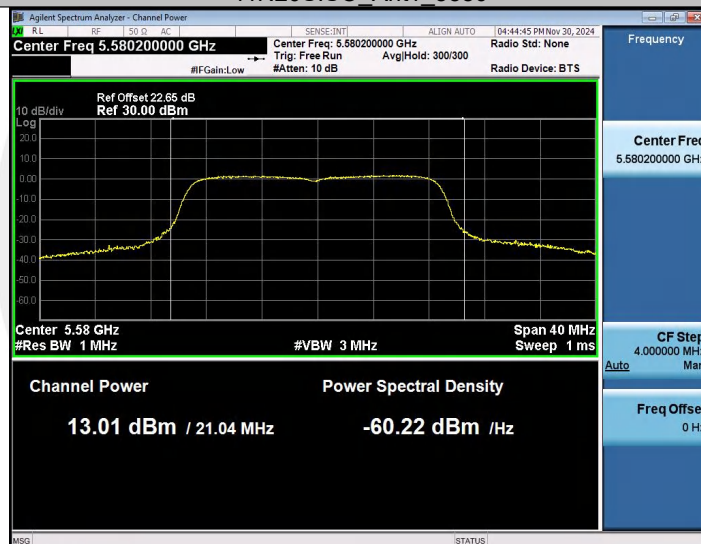
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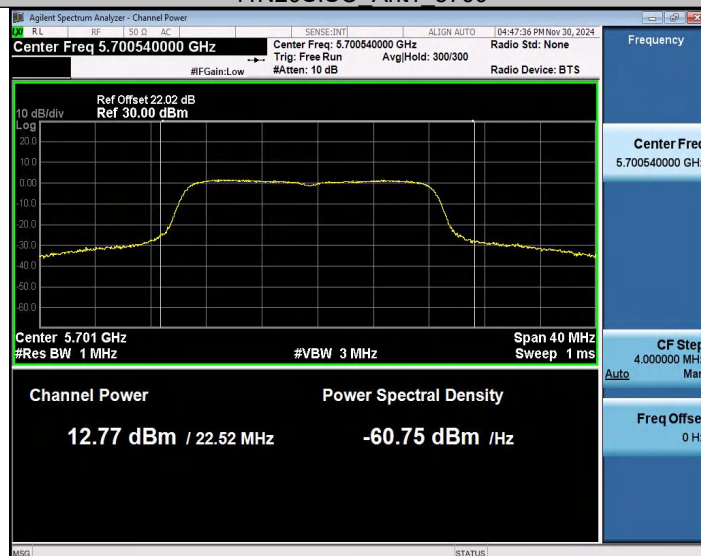
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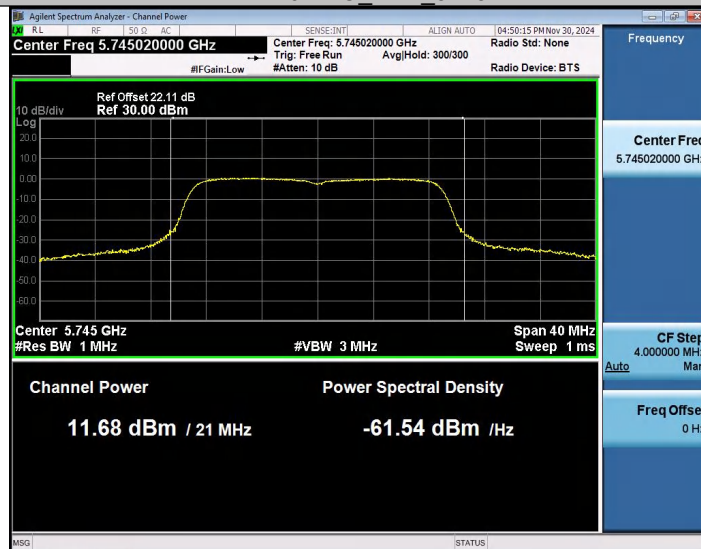


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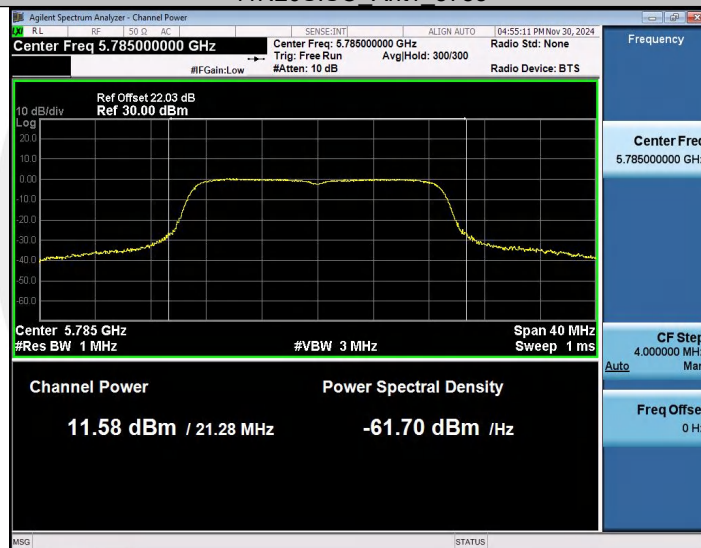




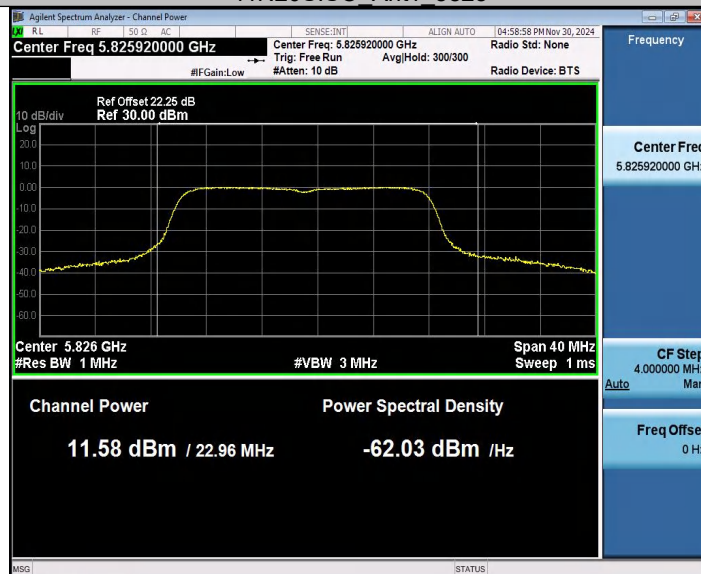
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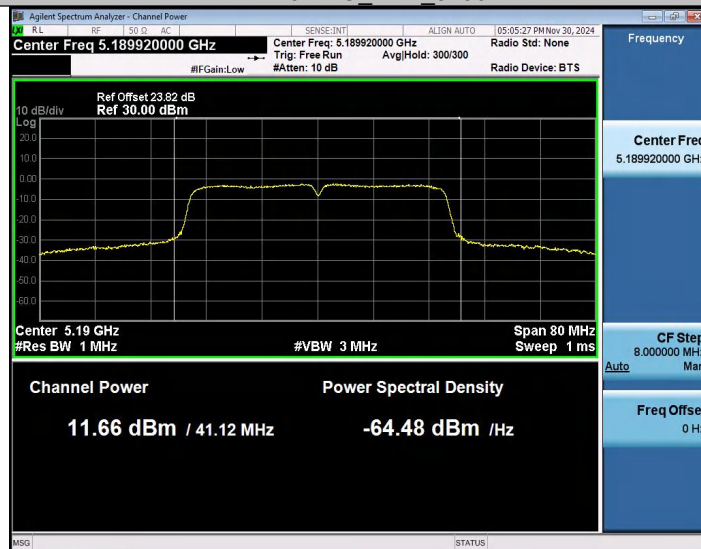
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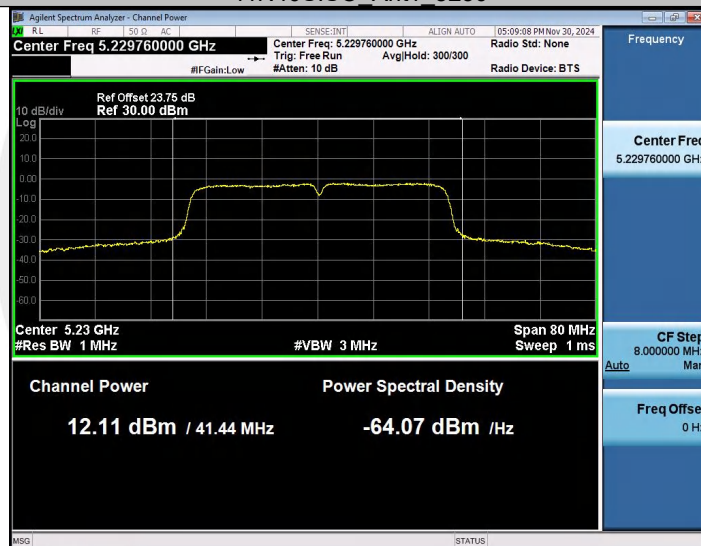
## 11N20SISO\_Ant1\_5825



## 11N40SISO\_Ant1\_5190



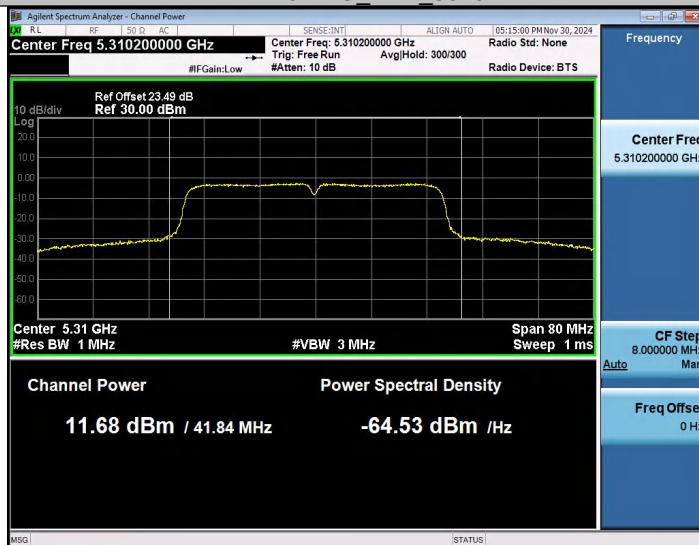
## 11N40SISO\_Ant1\_5230



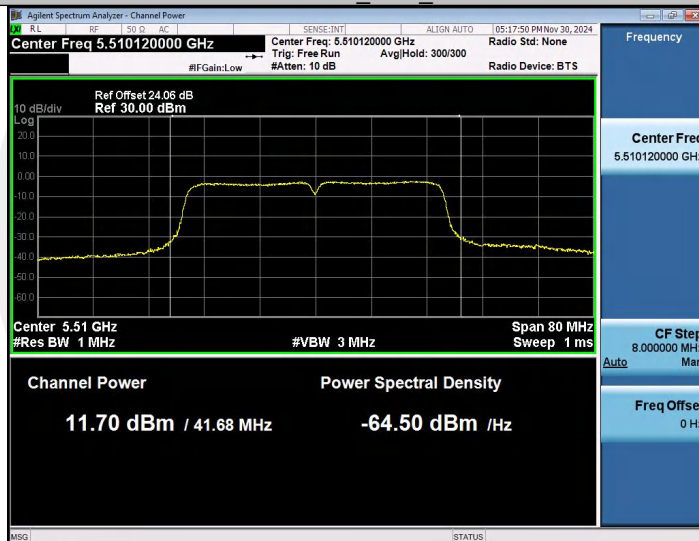
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## 11N40SISO\_Ant1\_5310



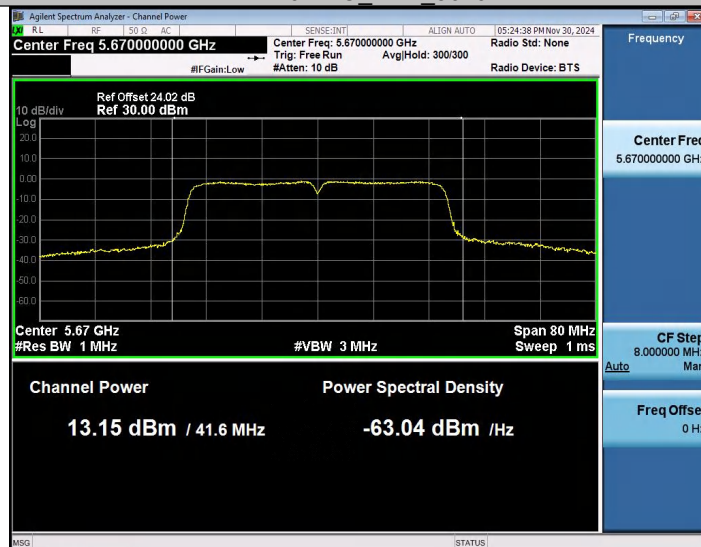
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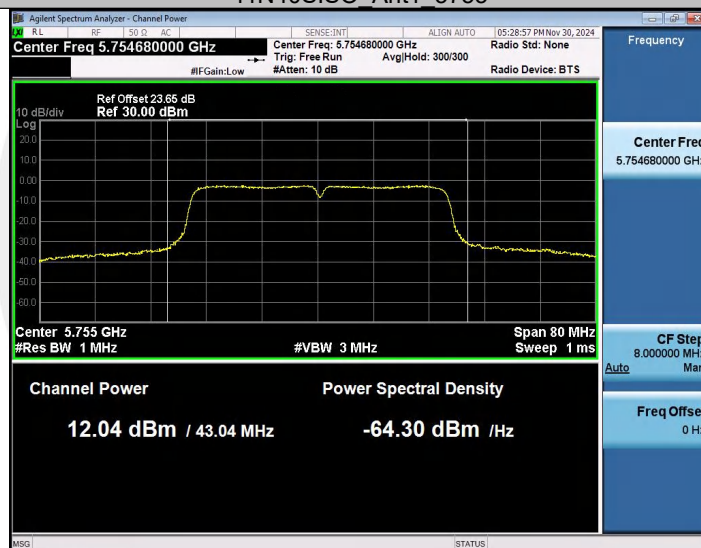
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## 11N40SISO\_Ant1\_5670



## 11N40SISO\_Ant1\_5755

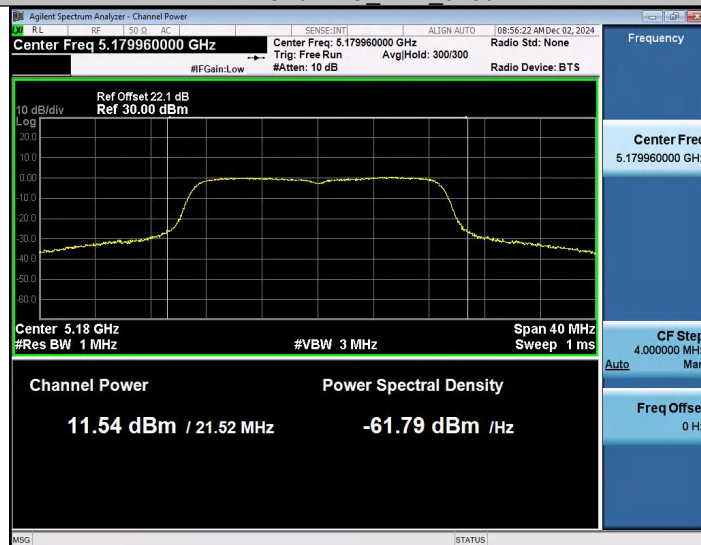


## 11N40SISO\_Ant1\_5795

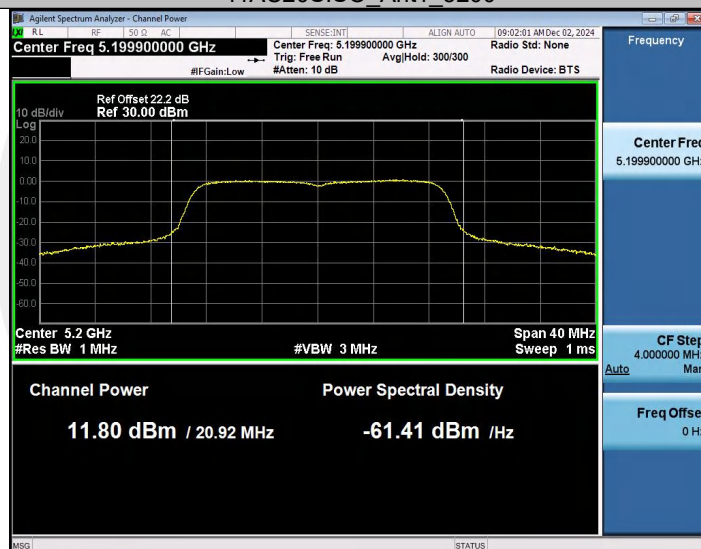




## 11AC20SISO\_Ant1\_5180



## 11AC20SISO\_Ant1\_5200

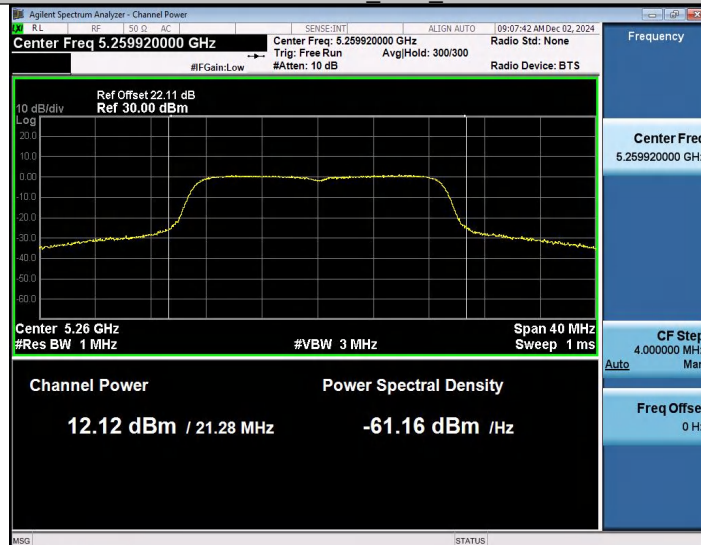


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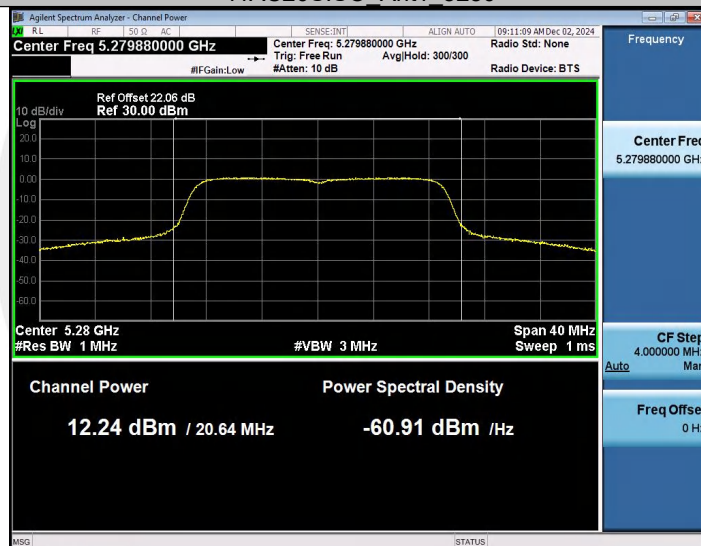




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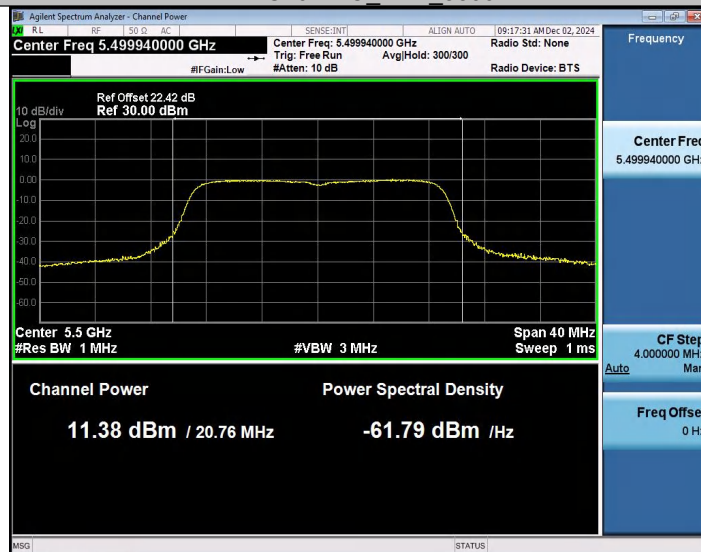
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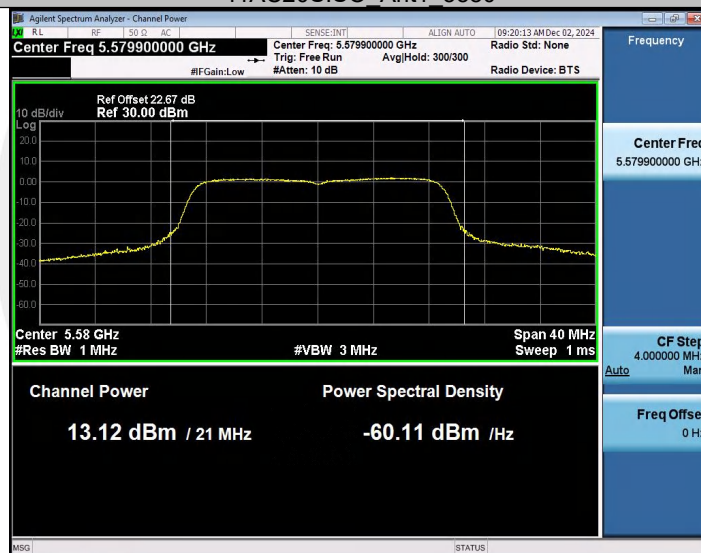
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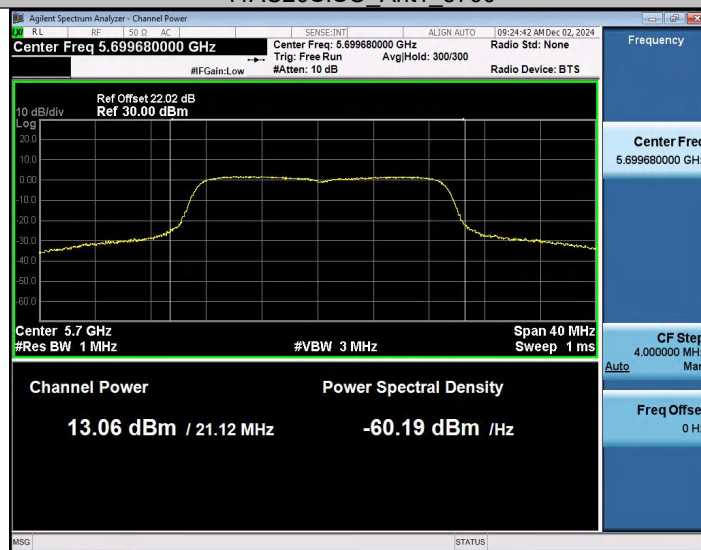
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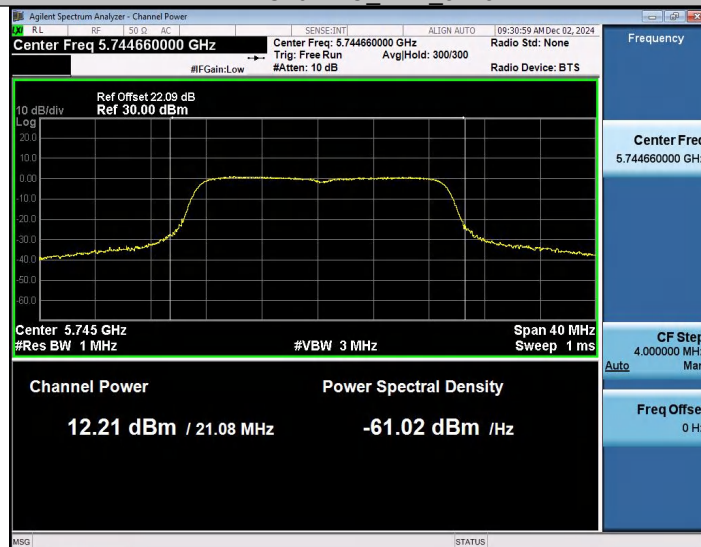
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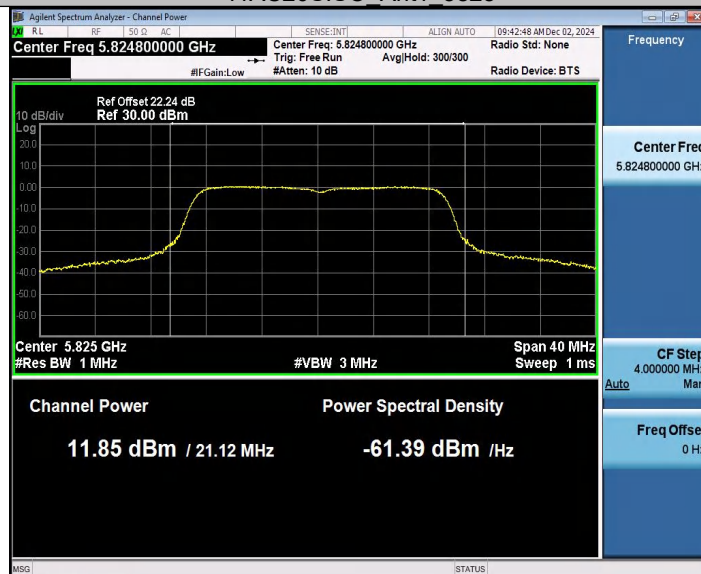
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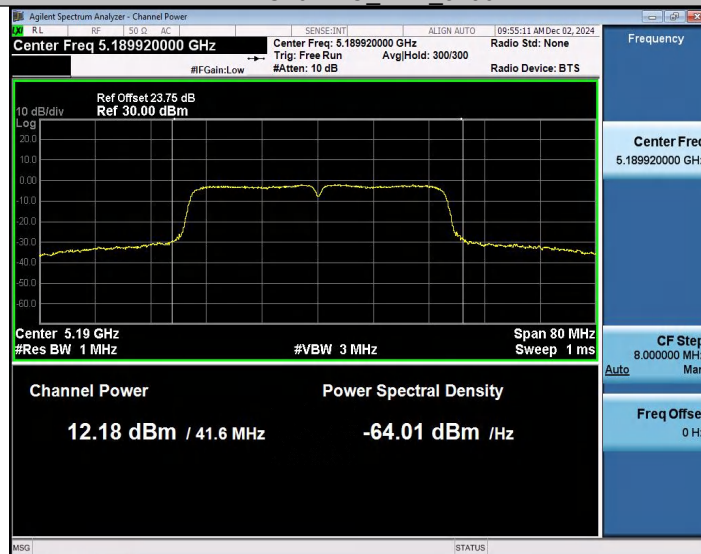
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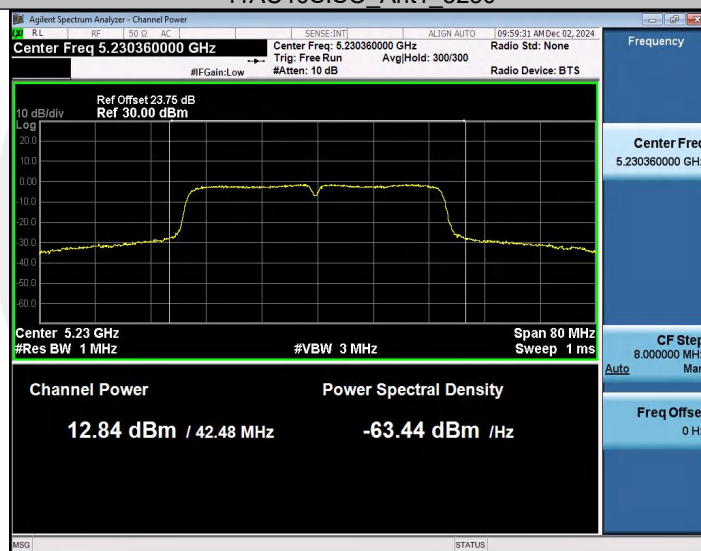
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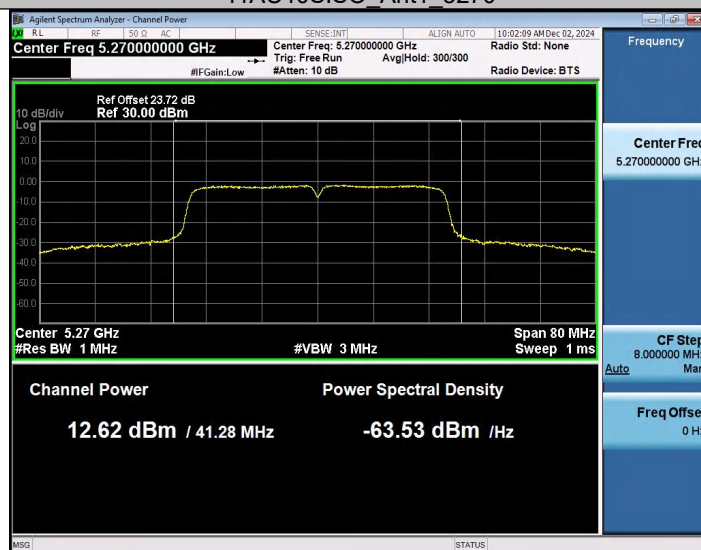
## 11AC40SISO\_Ant1\_5190



## 11AC40SISO\_Ant1\_5230

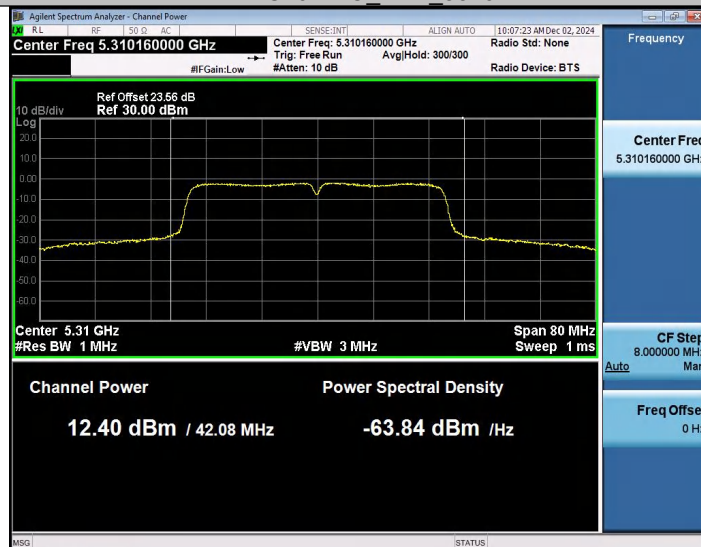


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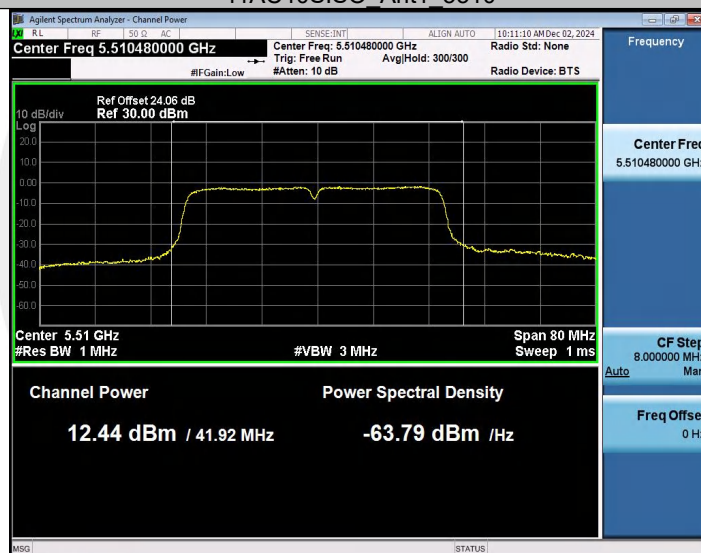




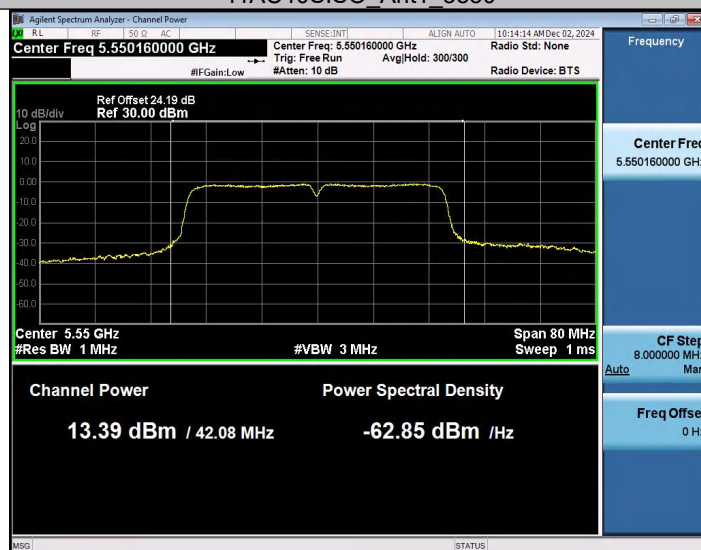
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## 11AC40SISO\_Ant1\_5510

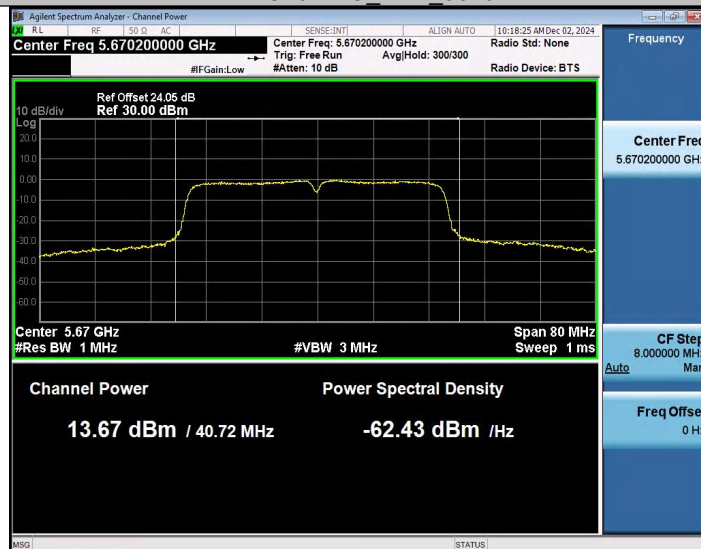


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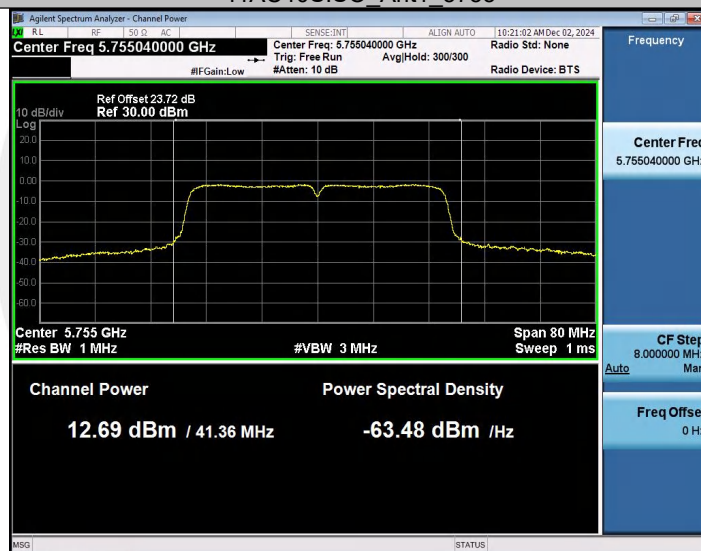




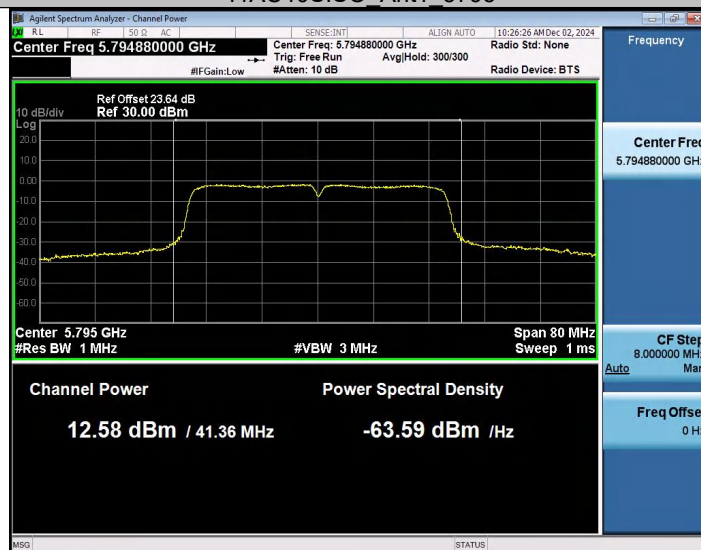
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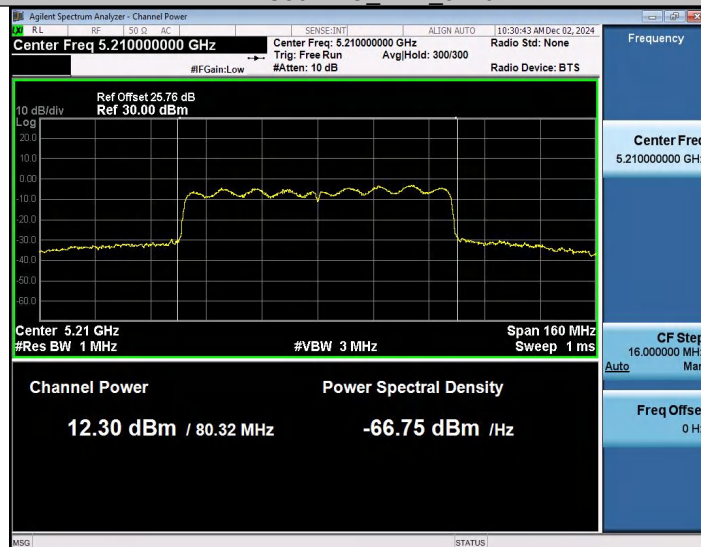
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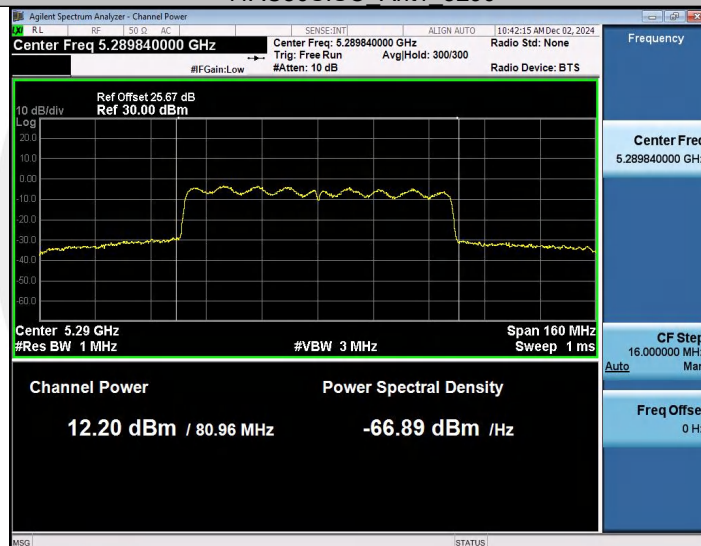
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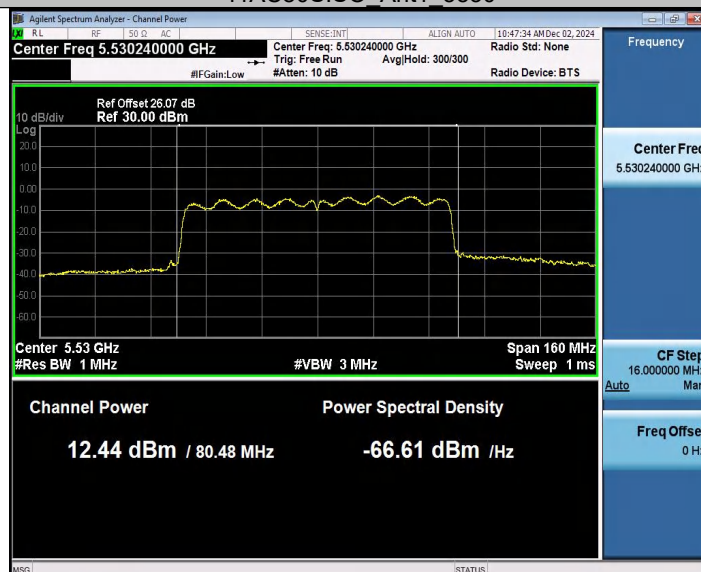
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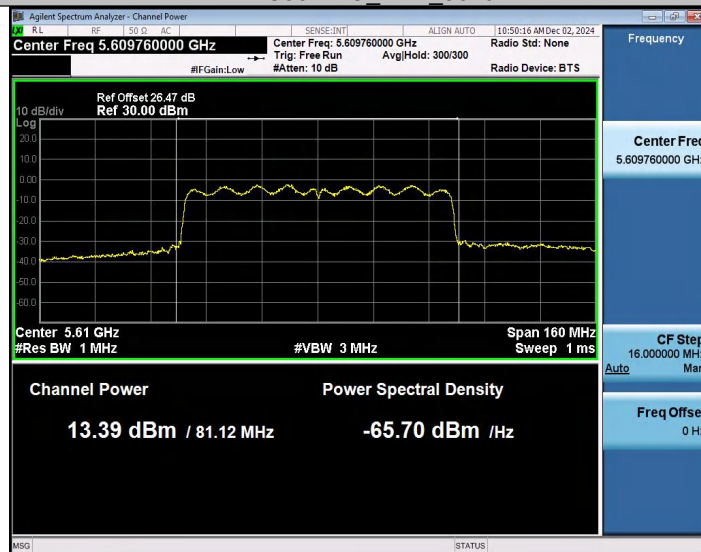
## 11AC80SISO\_Ant1\_5290



## 11AC80SISO\_Ant1\_5530



## 11AC80SISO\_Ant1\_5610



## 11AC80SISO\_Ant1\_5775



## 8.3 MAXIMUM PEAK POWER DENSITY

### 8.3.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I  
According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C  
According to FCC Part 15.407(a)(3) for UNII Band III  
According to 789033 D02 Section II(F)

### 8.3.2 Conformance Limit

■ For the band 5.15-5.25 GHz,

(a) (1) (i) For an outdoor access point operating in the band 5.15-5.25 GHz, 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. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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 operating in the band 5.15-5.25 GHz, 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. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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 operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. 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 or maximum power spectral density. 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 and maximum power spectral density 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 in the 5.15-5.25 GHz band, 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. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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

(b) (2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density 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) for the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30