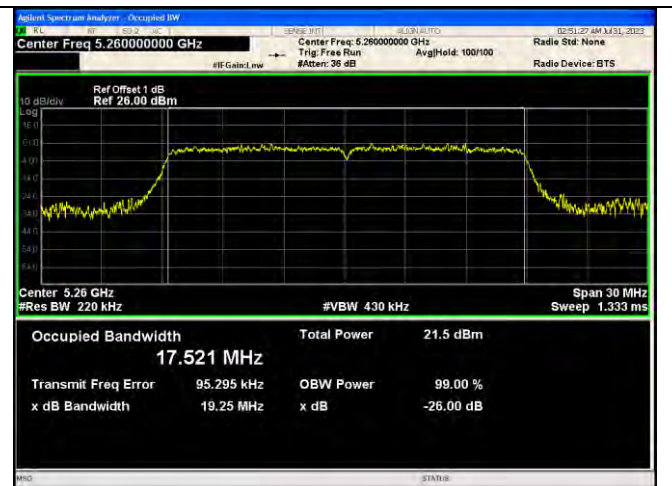
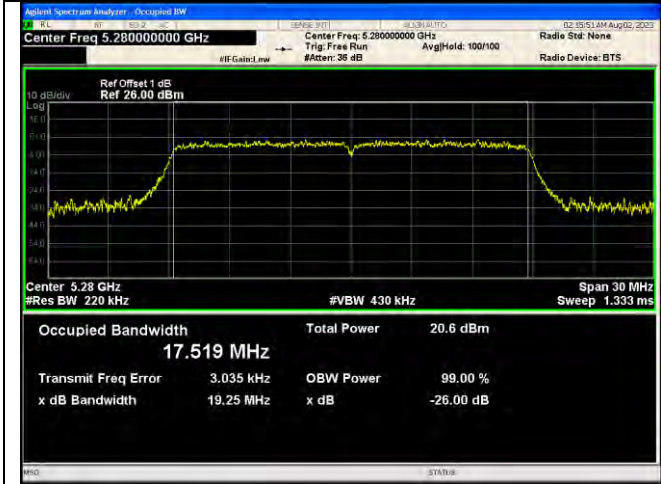


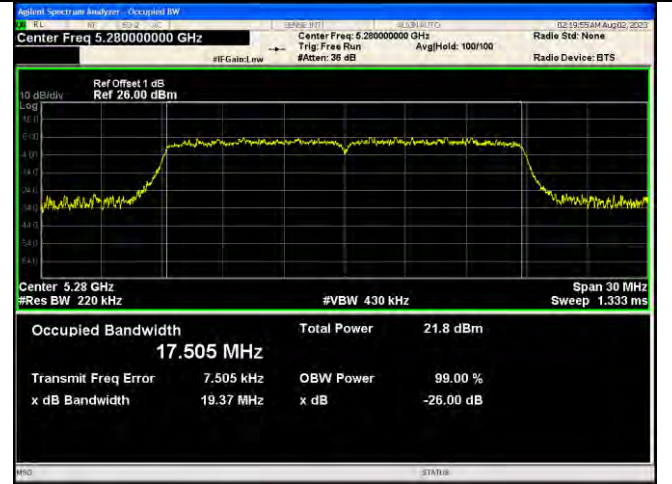
IEEE 802.11n Channel 52 20MHz Antenna 1



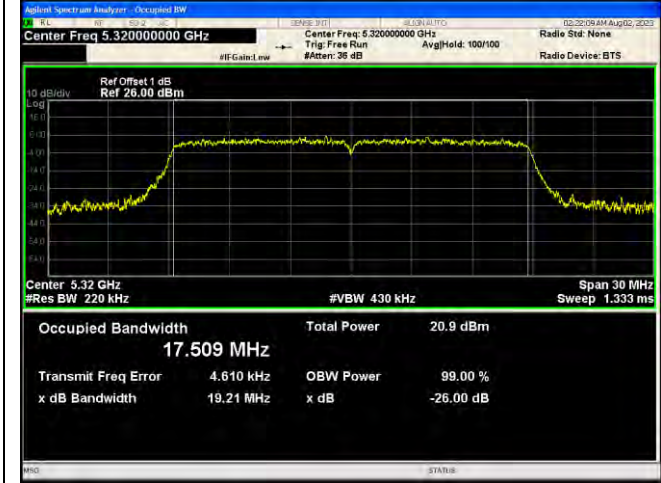
IEEE 802.11n Channel 52 20MHz Antenna 2



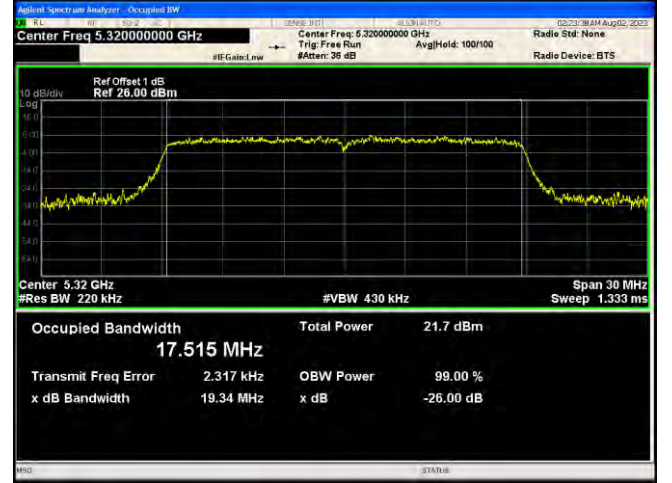
IEEE 802.11n Channel 56 20MHz Antenna 1



IEEE 802.11n Channel 56 20MHz Antenna 2

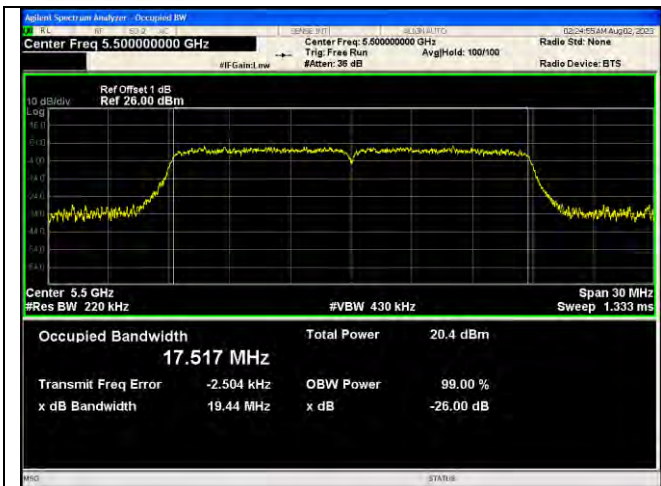


IEEE 802.11n Channel 64 20MHz Antenna 1

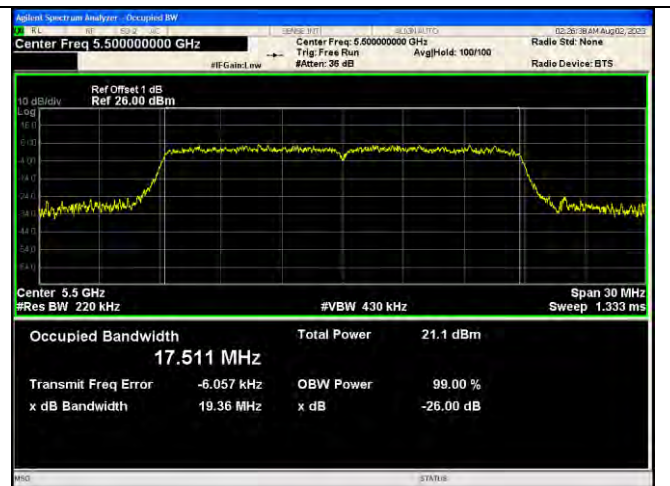


IEEE 802.11n Channel 64 20MHz Antenna 2





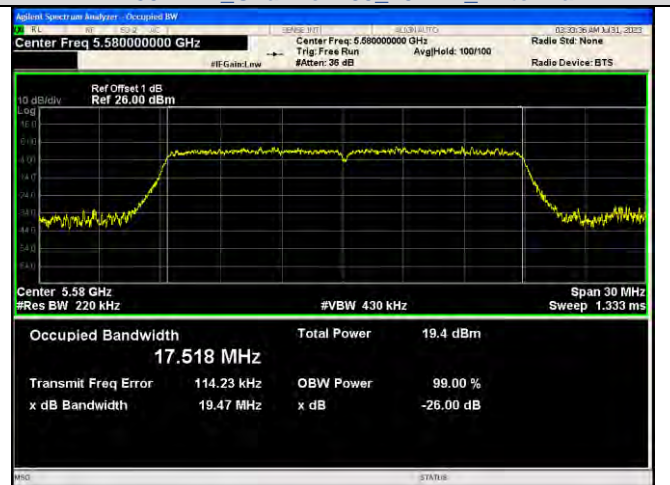
IEEE 802.11n Channel 100 20MHz Antenna 1



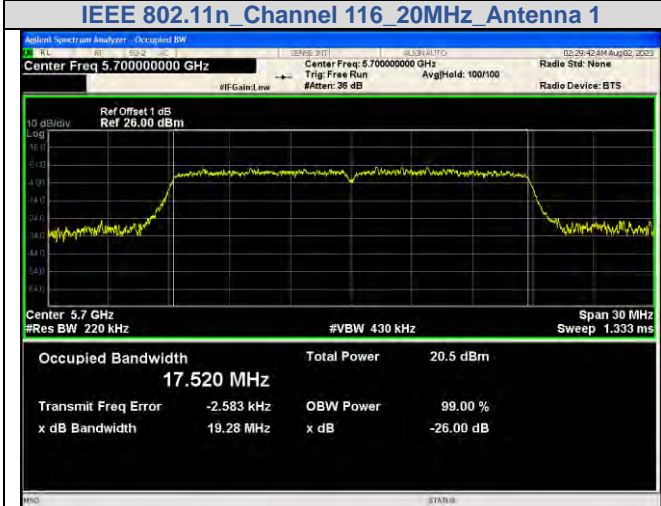
IEEE 802.11n Channel 100 20MHz Antenna 2



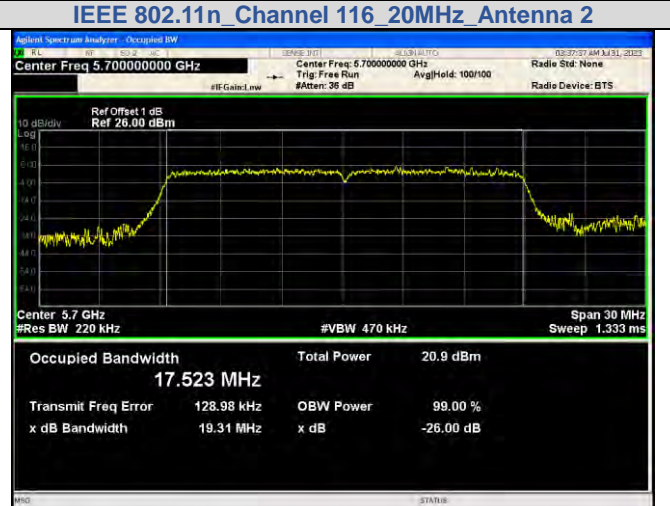
IEEE 802.11n Channel 100 20MHz Antenna 1



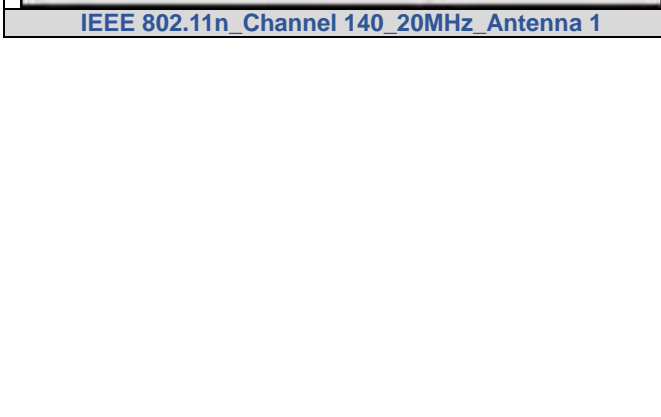
IEEE 802.11n Channel 100 20MHz Antenna 2



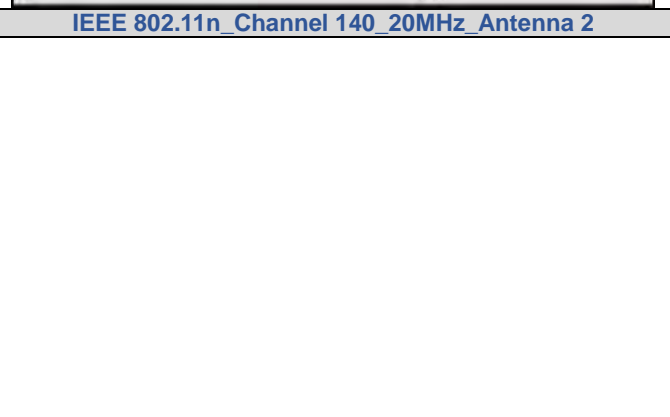
IEEE 802.11n Channel 116 20MHz Antenna 1



IEEE 802.11n Channel 116 20MHz Antenna 2



IEEE 802.11n Channel 140 20MHz Antenna 1



IEEE 802.11n Channel 140 20MHz Antenna 2

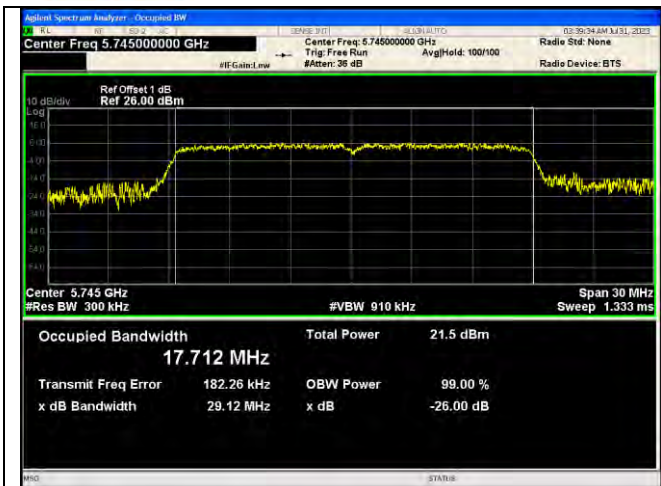
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2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

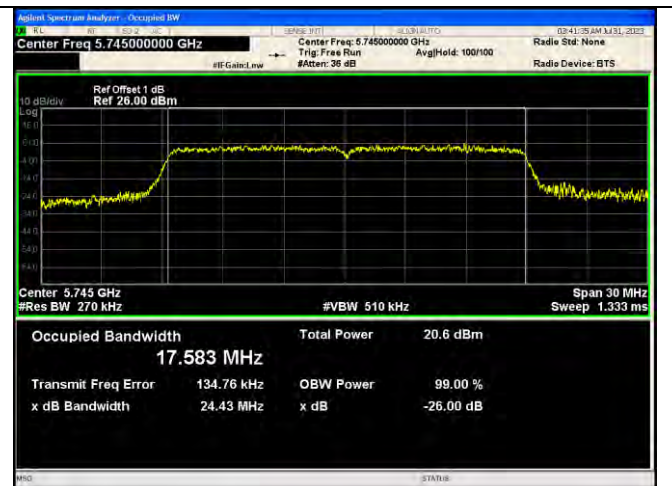


For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

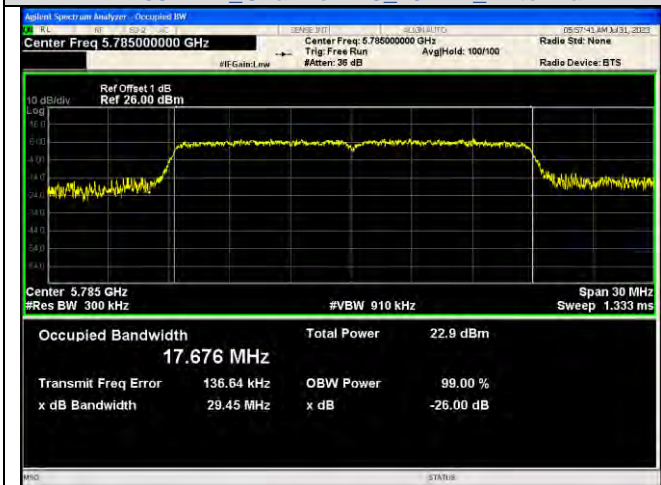




IEEE 802.11n Channel 149 20MHz Antenna 1



IEEE 802.11n Channel 149 20MHz Antenna 2



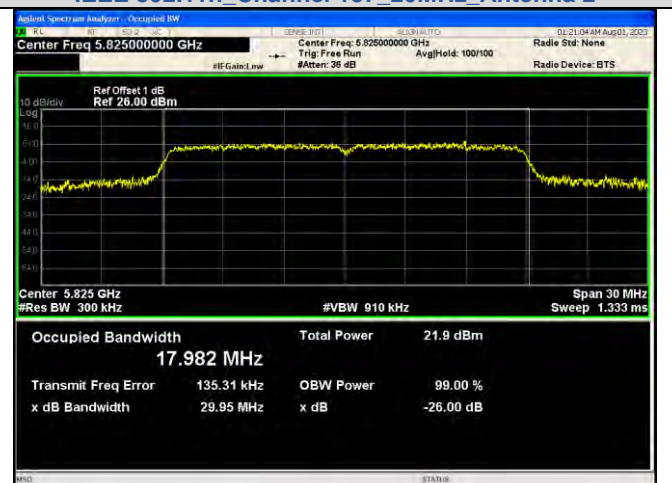
IEEE 802.11n Channel 157 20MHz Antenna 1



IEEE 802.11n Channel 157 20MHz Antenna 2

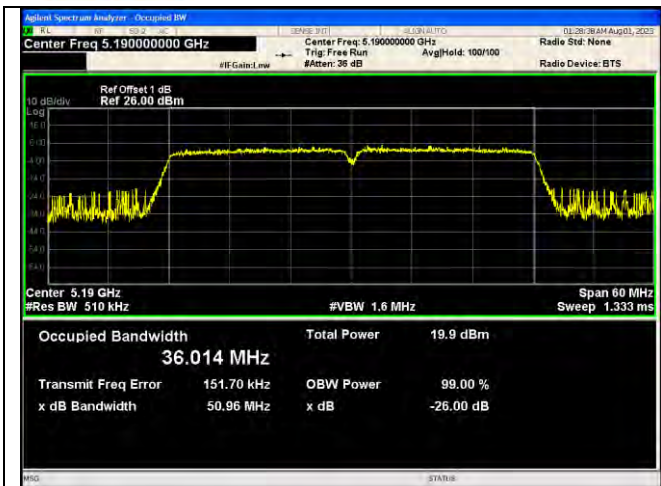


IEEE 802.11n Channel 165 20MHz Antenna 1

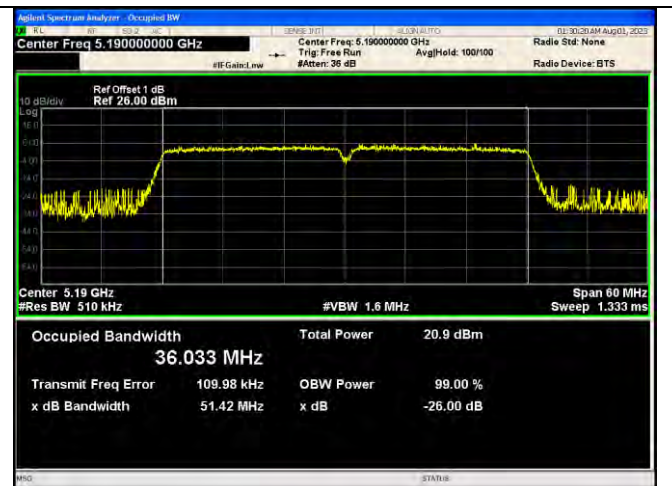


IEEE 802.11n Channel 165 20MHz Antenna 2

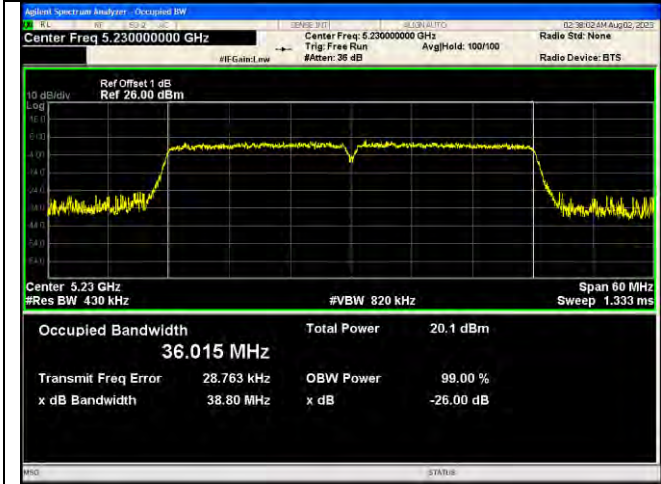




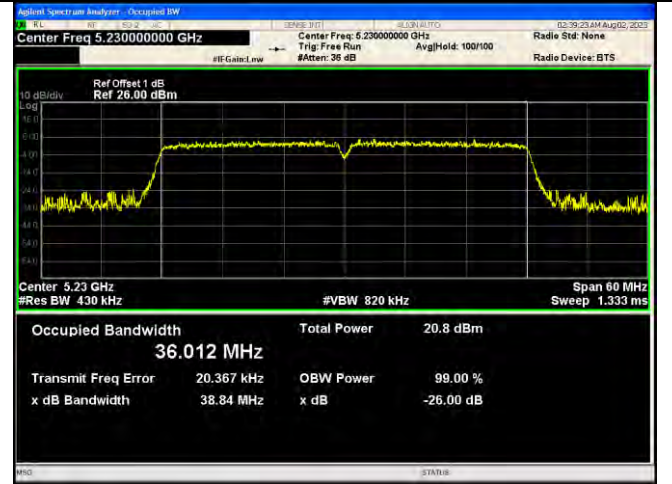
IEEE 802.11n Channel 38 40MHz Antenna 1



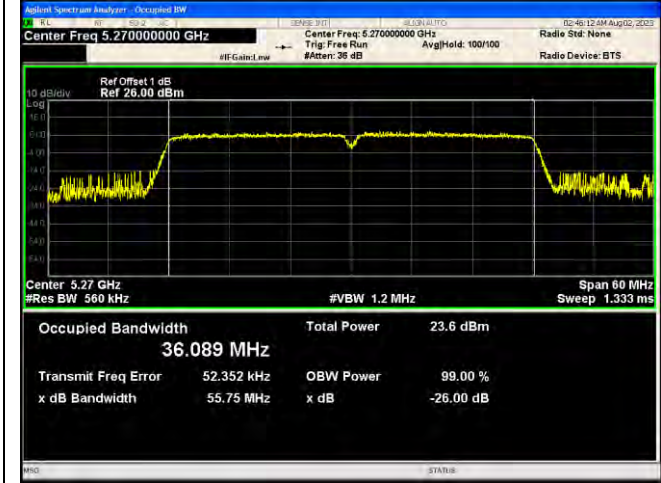
IEEE 802.11n Channel 38 40MHz Antenna 2



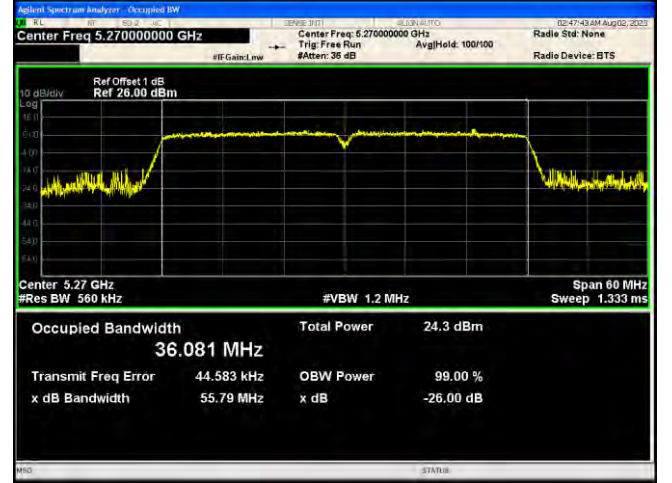
IEEE 802.11n Channel 46 40MHz Antenna 1



IEEE 802.11n Channel 46 40MHz Antenna 2



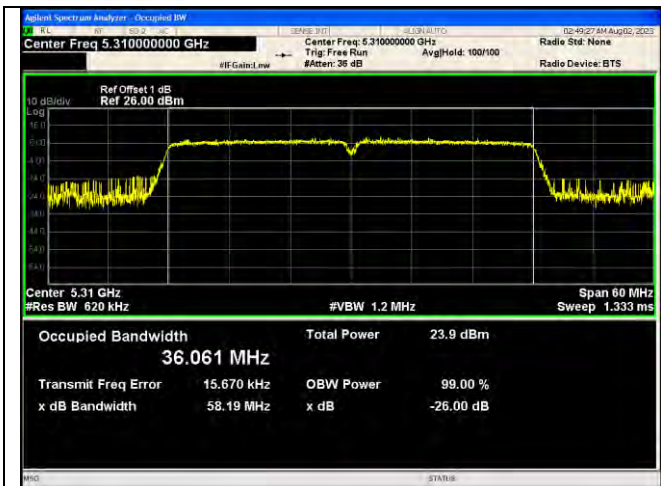
IEEE 802.11n Channel 54 40MHz Antenna 1



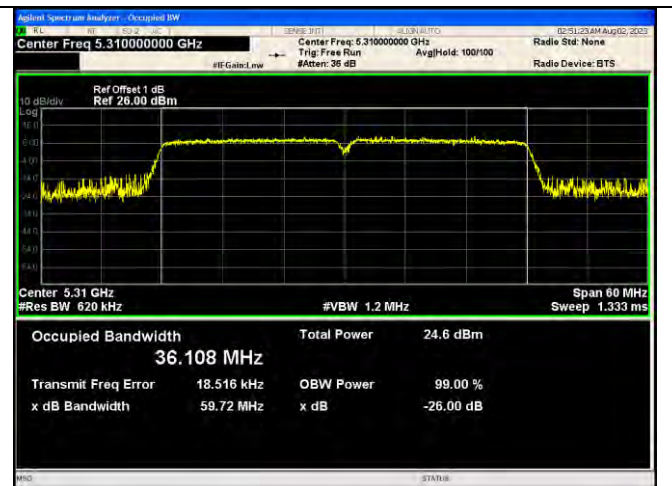
IEEE 802.11n Channel 54 40MHz Antenna 2



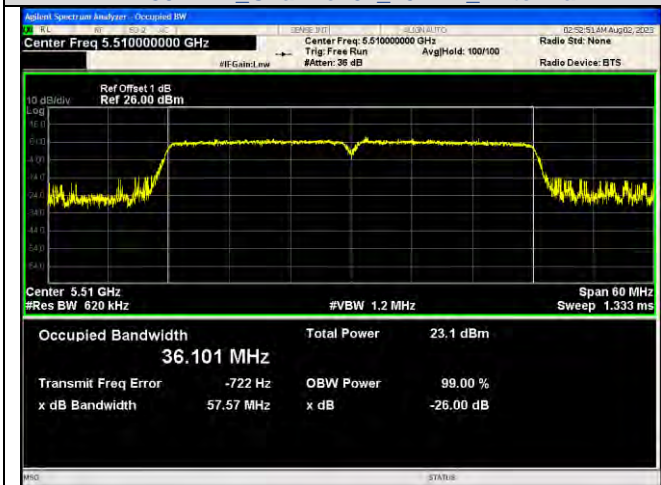




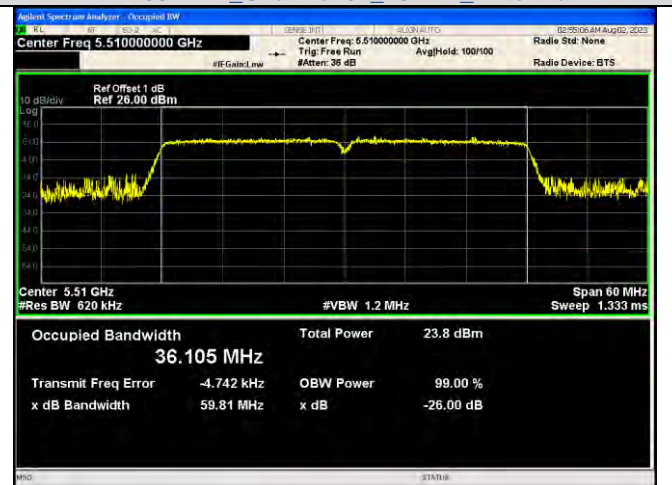
IEEE 802.11n Channel 62 40MHz Antenna 1



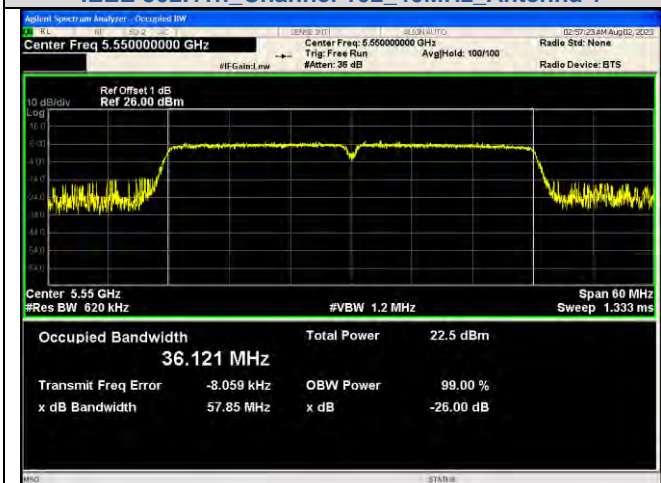
IEEE 802.11n Channel 62 40MHz Antenna 2



IEEE 802.11n Channel 102 40MHz Antenna 1



IEEE 802.11n Channel 102 40MHz Antenna 2



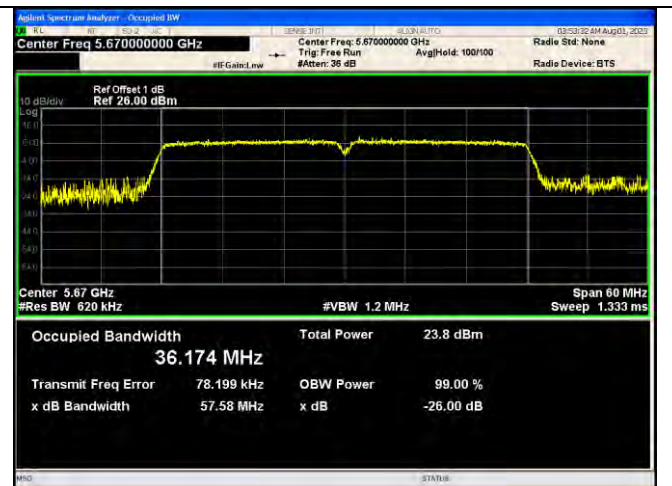
IEEE 802.11n Channel 110 40MHz Antenna 1



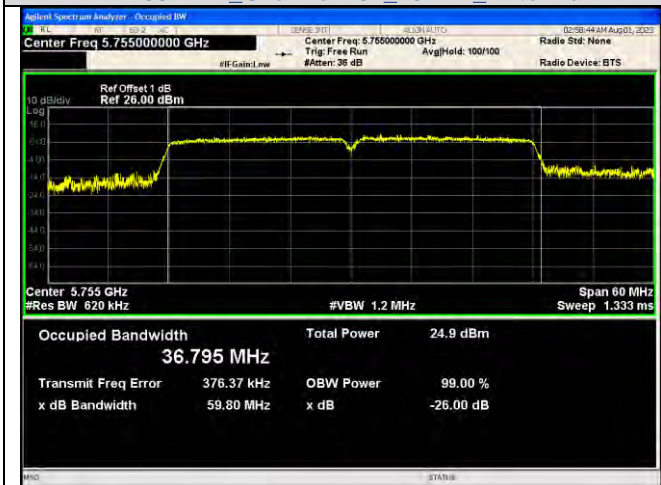
IEEE 802.11n Channel 110 40MHz Antenna 2



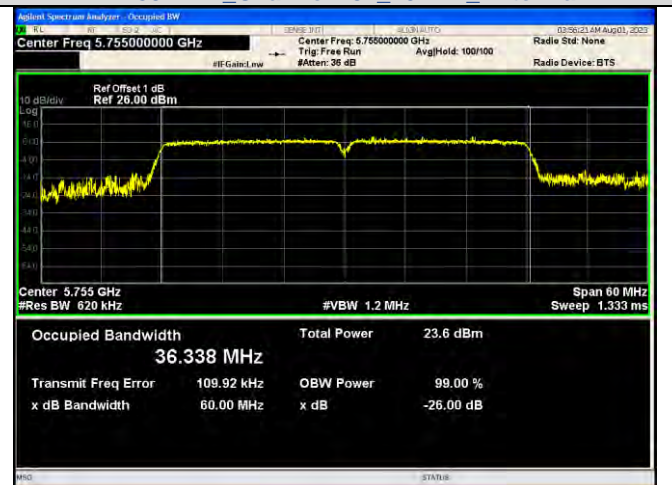
IEEE 802.11n Channel 134 40MHz Antenna 1



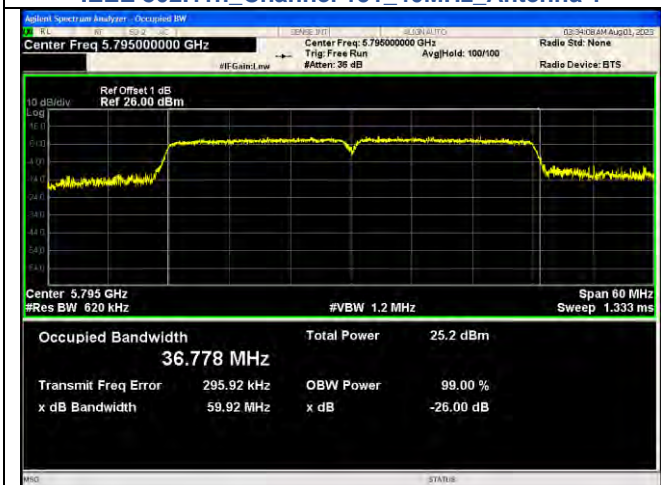
IEEE 802.11n Channel 134 40MHz Antenna 2



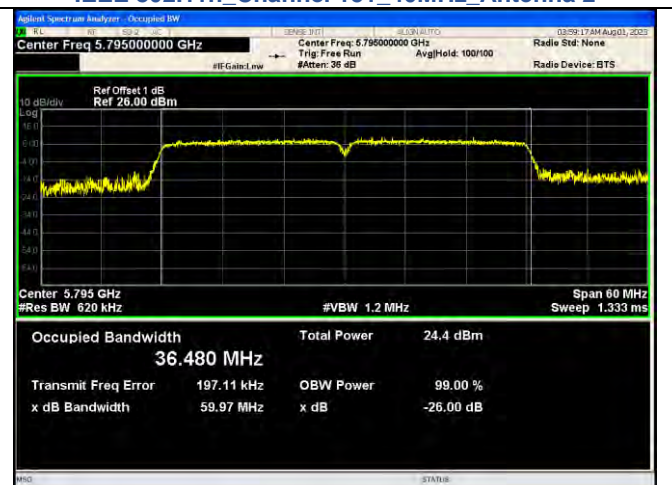
IEEE 802.11n Channel 151 40MHz Antenna 1



IEEE 802.11n Channel 151 40MHz Antenna 2



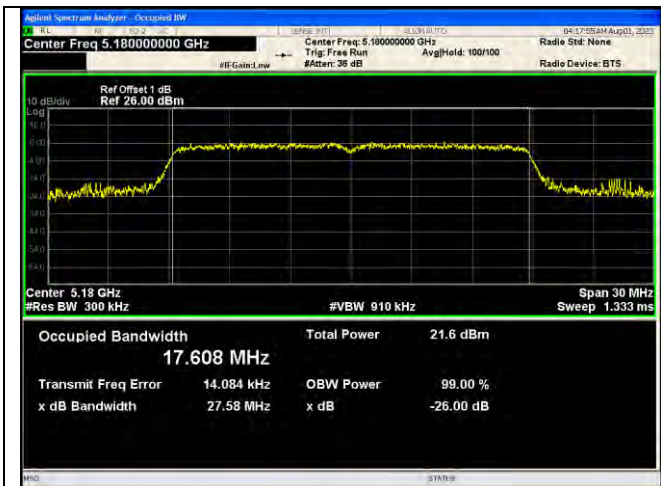
IEEE 802.11n Channel 159 40MHz Antenna 1



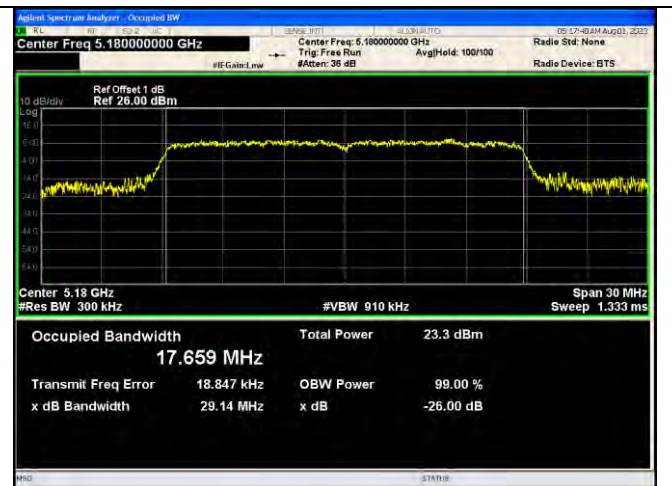
IEEE 802.11n Channel 159 40MHz Antenna 2







IEEE 802.11ac Channel 36 20MHz Antenna 1



IEEE 802.11ac Channel 36 20MHz Antenna 2



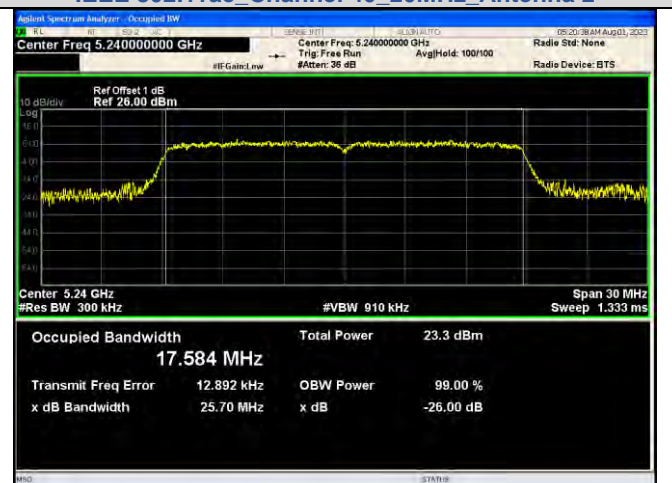
IEEE 802.11ac Channel 40 20MHz Antenna 1



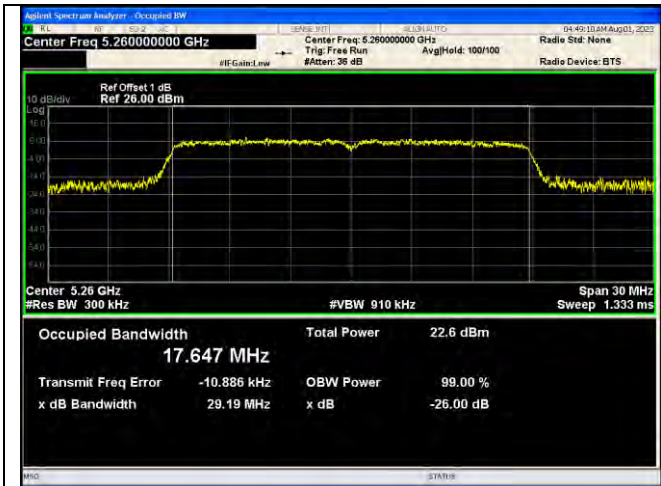
IEEE 802.11ac Channel 40 20MHz Antenna 2



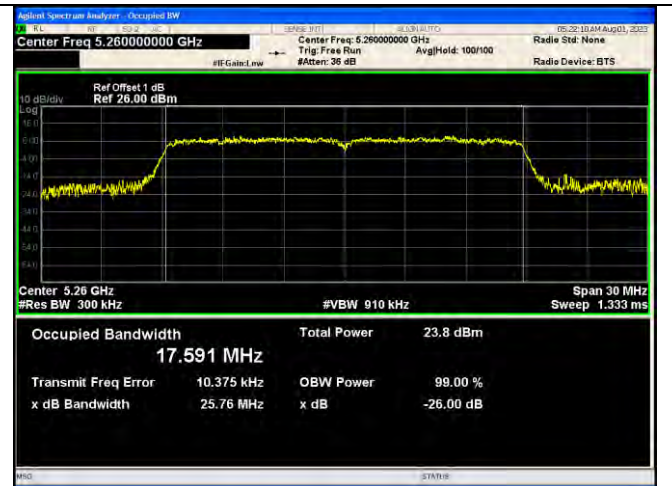
IEEE 802.11ac Channel 48 20MHz Antenna 1



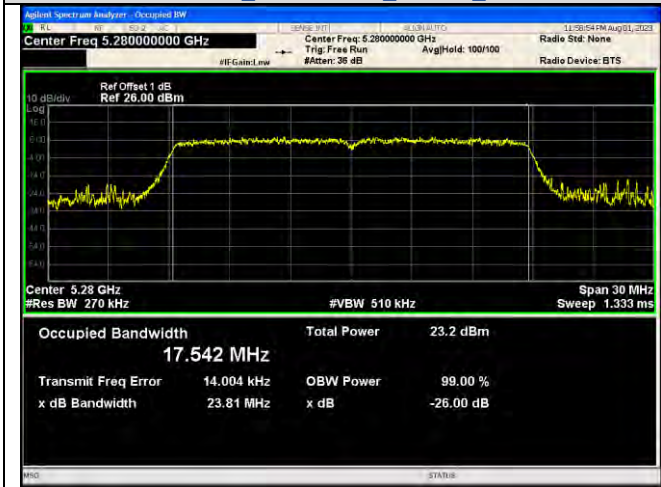
IEEE 802.11ac Channel 48 20MHz Antenna 2



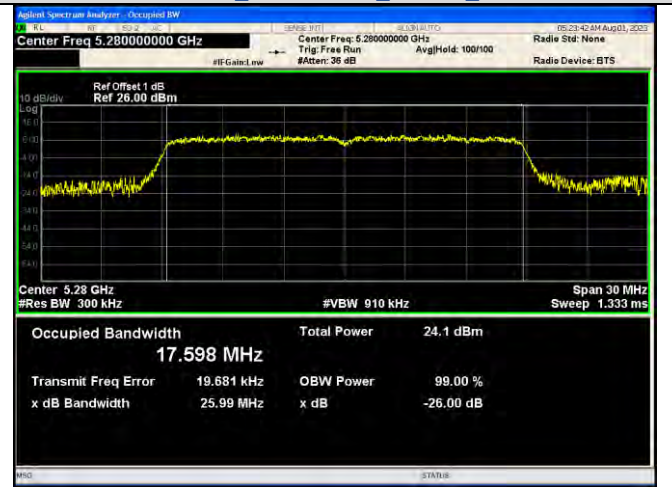
IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 1



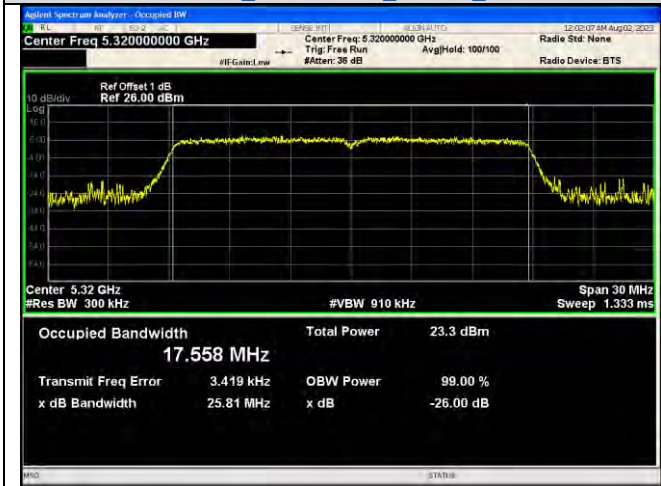
IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 2



IEEE 802.11ac\_Channel 56\_20MHz\_Antenna 1



IEEE 802.11ac\_Channel 56\_20MHz\_Antenna 2



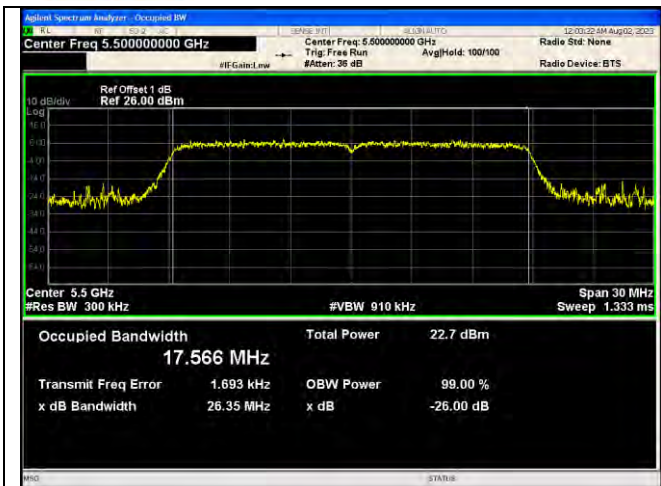
IEEE 802.11ac\_Channel 64\_20MHz\_Antenna 1



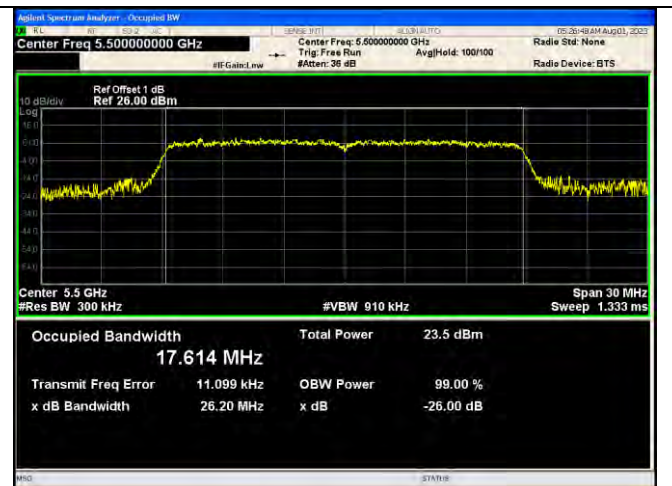
IEEE 802.11ac\_Channel 64\_20MHz\_Antenna 2







IEEE 802.11ac Channel 100 20MHz Antenna 1



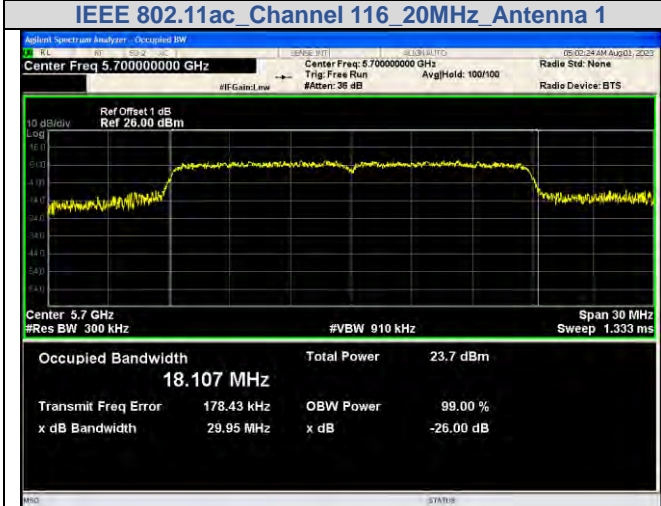
IEEE 802.11ac Channel 100 20MHz Antenna 2



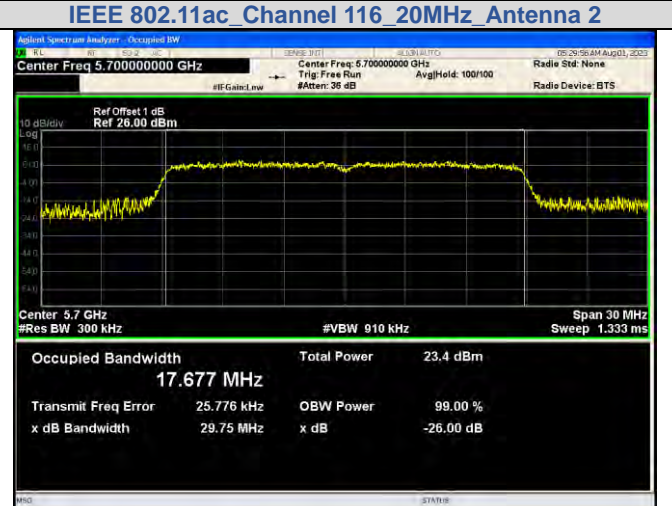
IEEE 802.11ac Channel 100 20MHz Antenna 1



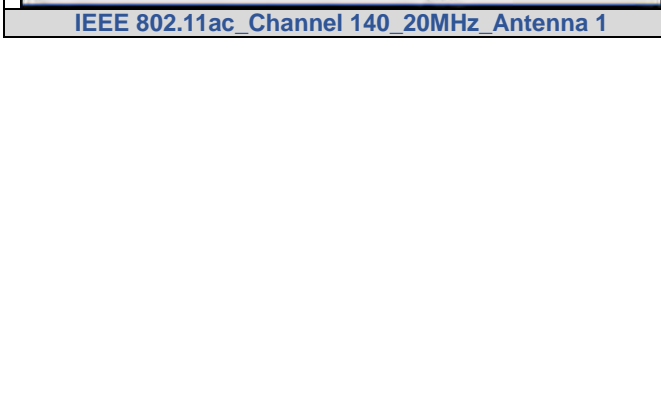
IEEE 802.11ac Channel 100 20MHz Antenna 2



IEEE 802.11ac Channel 116 20MHz Antenna 1



IEEE 802.11ac Channel 116 20MHz Antenna 2



IEEE 802.11ac Channel 140 20MHz Antenna 1



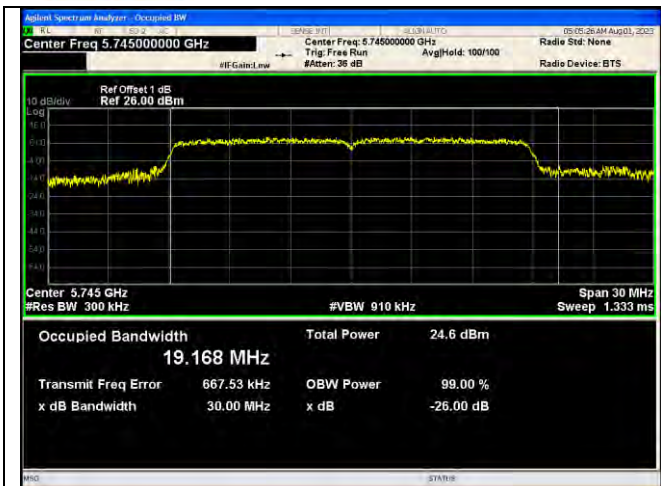
IEEE 802.11ac Channel 140 20MHz Antenna 2

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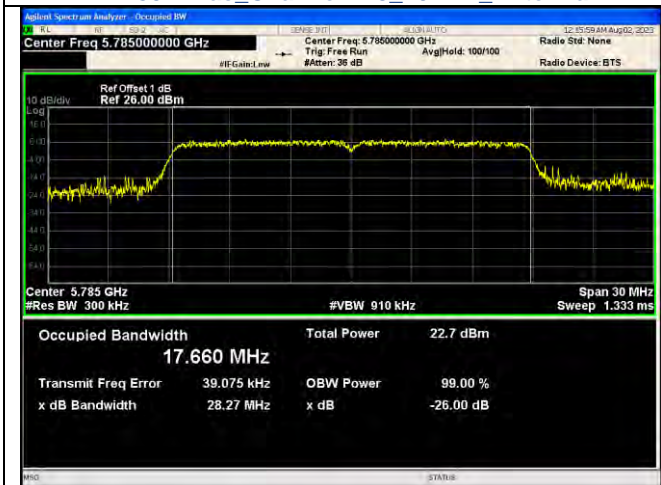
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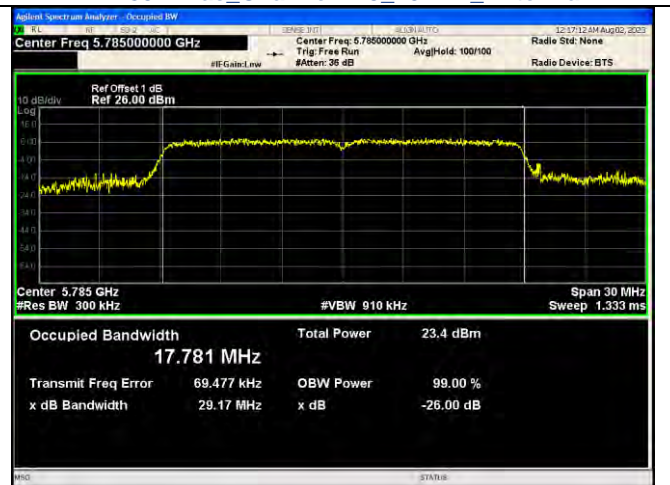
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 1



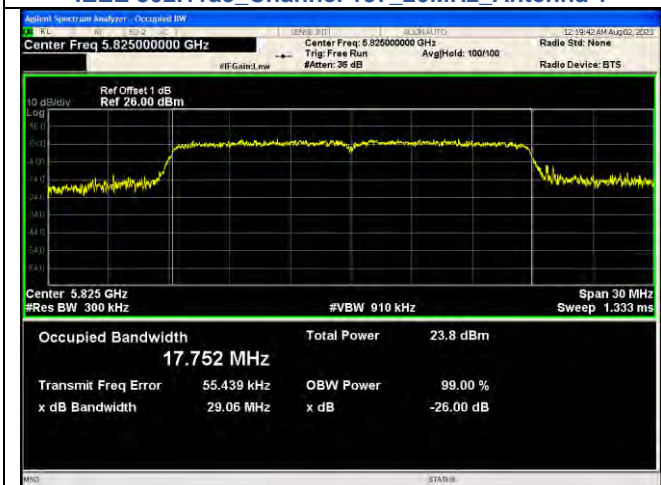
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 2



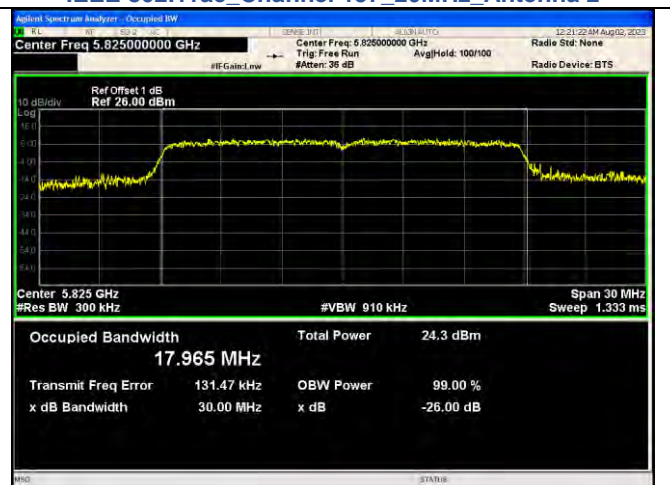
IEEE 802.11ac\_Channel 157\_20MHz\_Antenna 1



IEEE 802.11ac\_Channel 157\_20MHz\_Antenna 2



IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 1



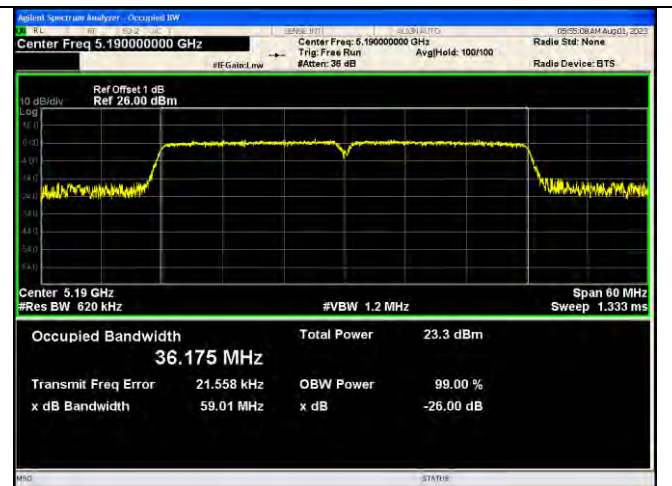
IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 2



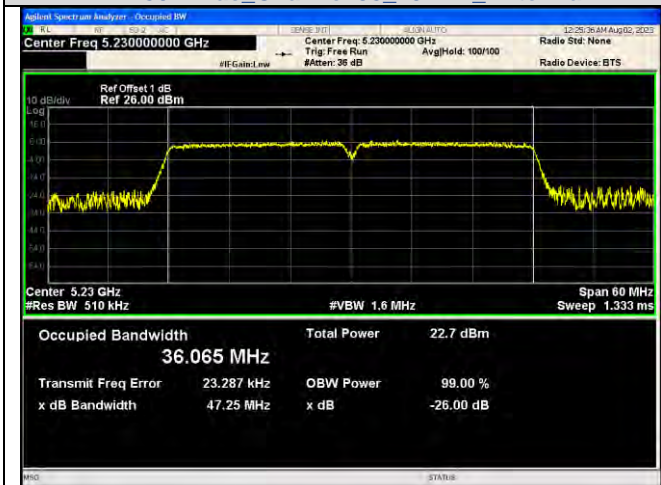




IEEE 802.11ac Channel 38 40MHz Antenna 1



IEEE 802.11ac Channel 38 40MHz Antenna 2



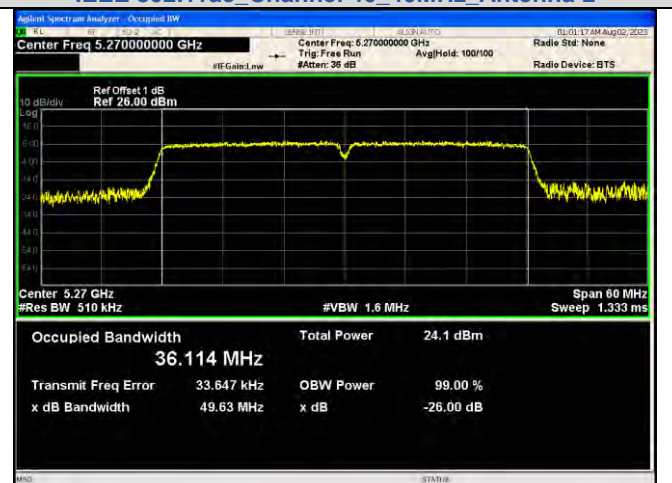
IEEE 802.11ac Channel 46 40MHz Antenna 1



IEEE 802.11ac Channel 46 40MHz Antenna 2

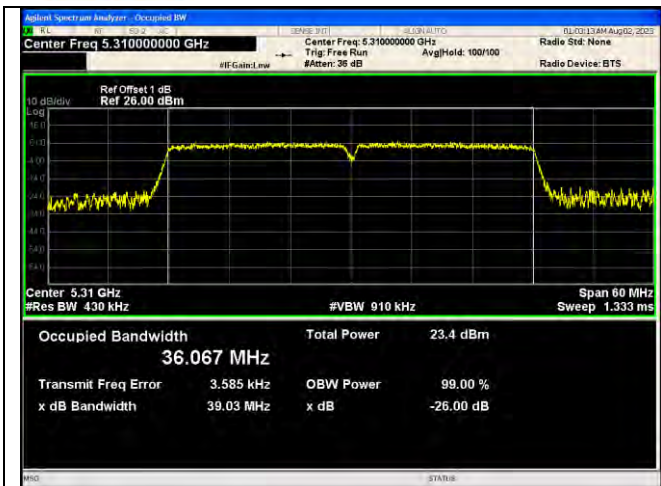


IEEE 802.11ac Channel 54 40MHz Antenna 1

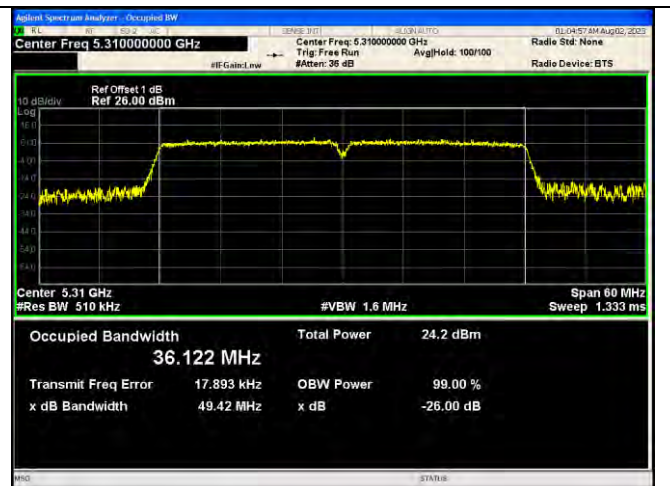


IEEE 802.11ac Channel 54 40MHz Antenna 2

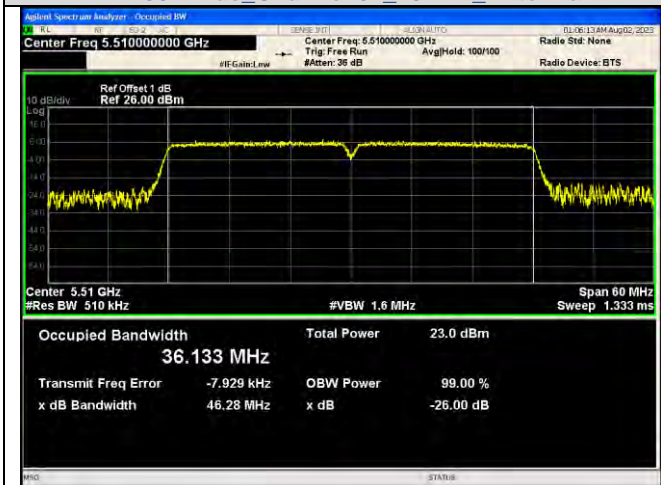




IEEE 802.11ac Channel 62 40MHz Antenna 1



IEEE 802.11ac Channel 62 40MHz Antenna 2



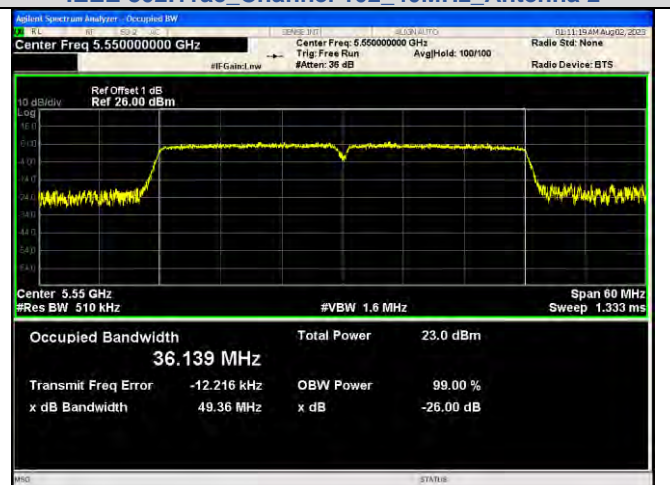
IEEE 802.11ac Channel 102 40MHz Antenna 1



IEEE 802.11ac Channel 102 40MHz Antenna 2



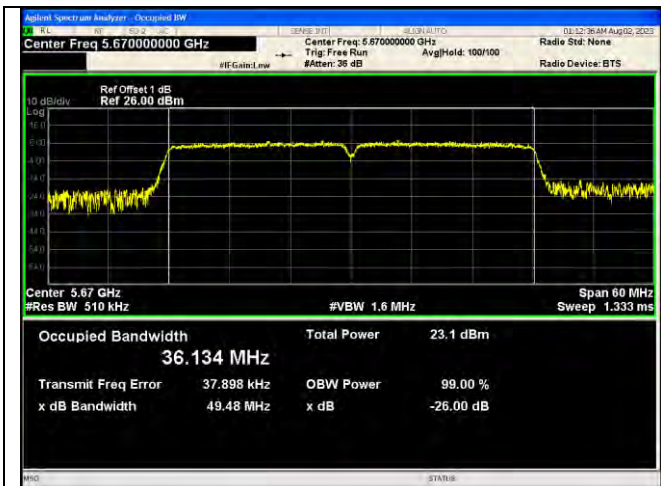
IEEE 802.11ac Channel 110 40MHz Antenna 1



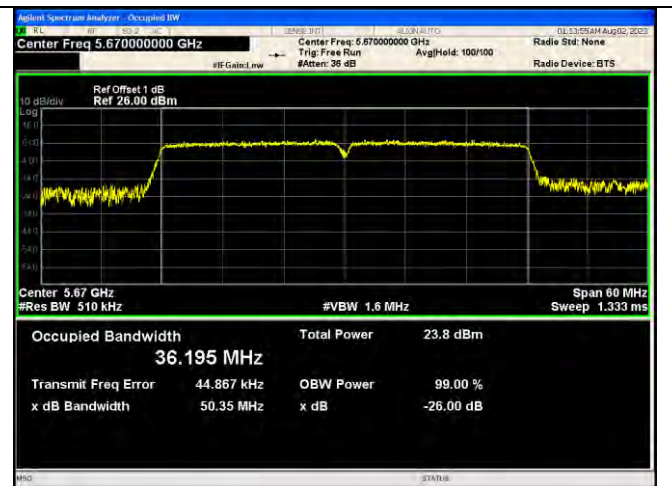
IEEE 802.11ac Channel 110 40MHz Antenna 2



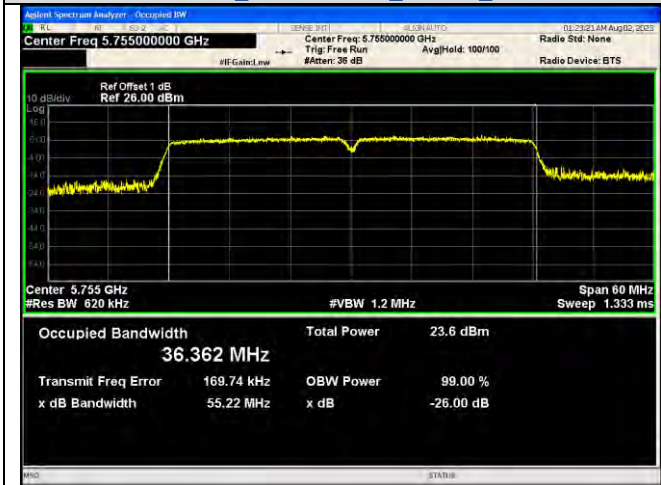




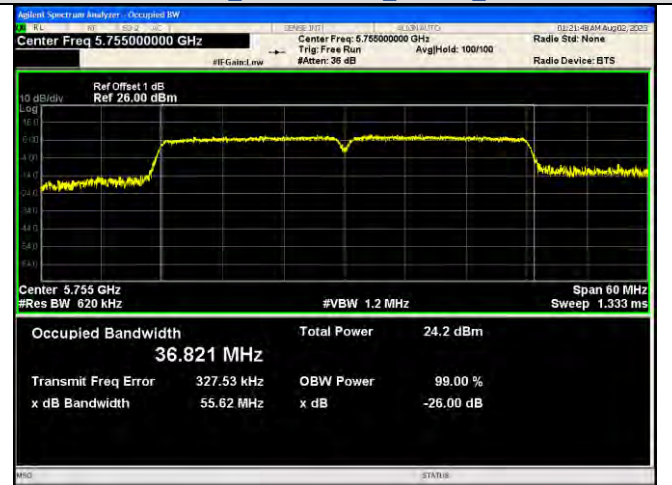
IEEE 802.11ac Channel 134 40MHz Antenna 1



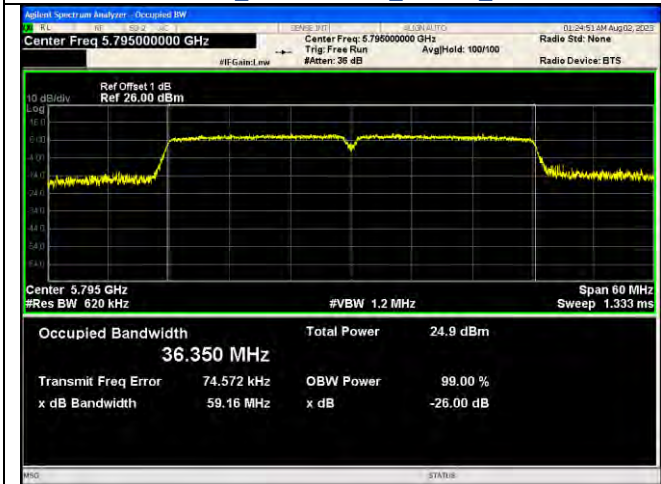
IEEE 802.11ac Channel 134 40MHz Antenna 2



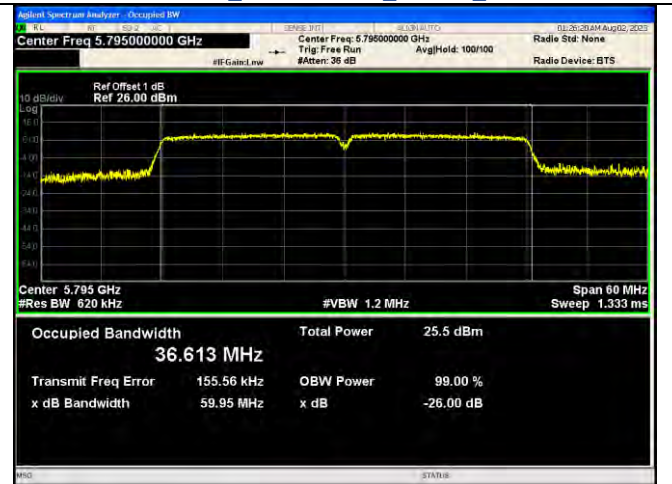
IEEE 802.11ac Channel 151 40MHz Antenna 1



IEEE 802.11ac Channel 151 40MHz Antenna 2



IEEE 802.11ac Channel 159 40MHz Antenna 1



IEEE 802.11ac Channel 159 40MHz Antenna 2

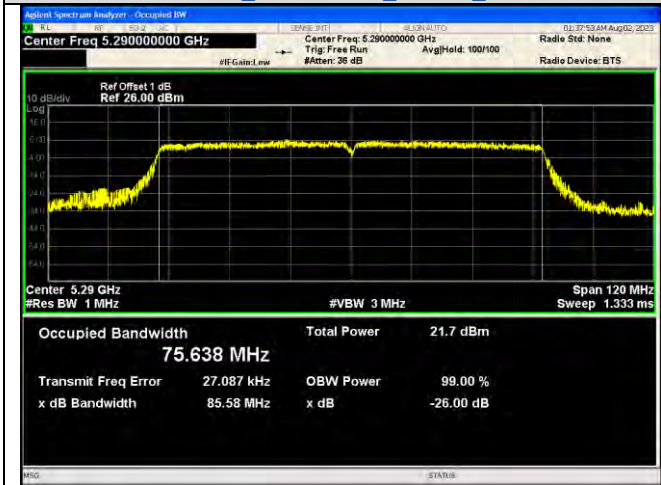




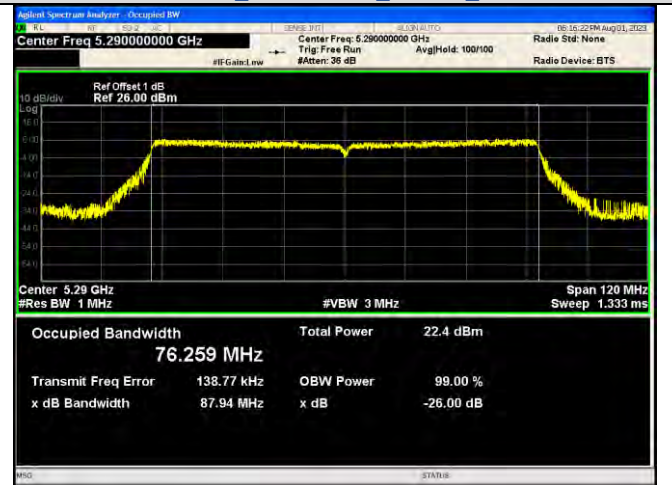
IEEE 802.11ac Channel 42 80MHz Antenna 1



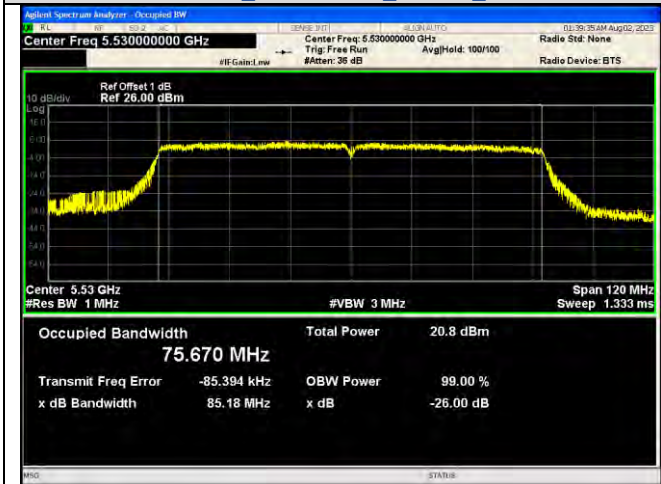
IEEE 802.11ac Channel 42 80MHz Antenna 2



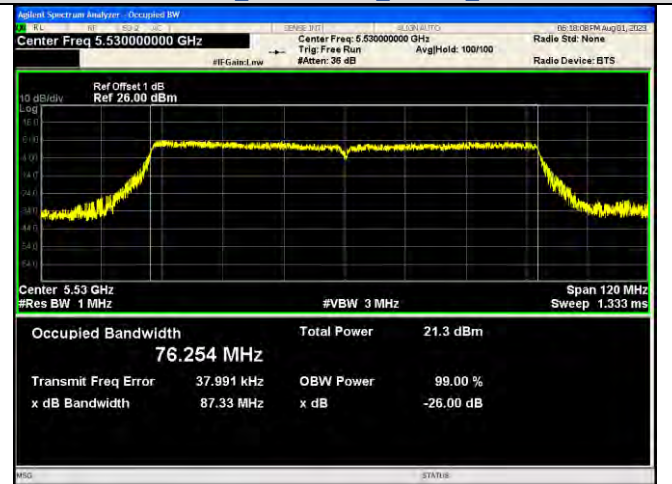
IEEE 802.11ac Channel 58 80MHz Antenna 1



IEEE 802.11ac Channel 58 80MHz Antenna 2



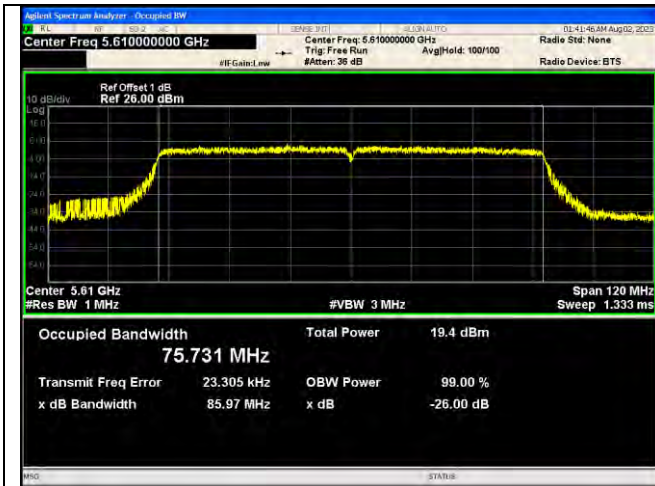
IEEE 802.11ac Channel 106 80MHz Antenna 1



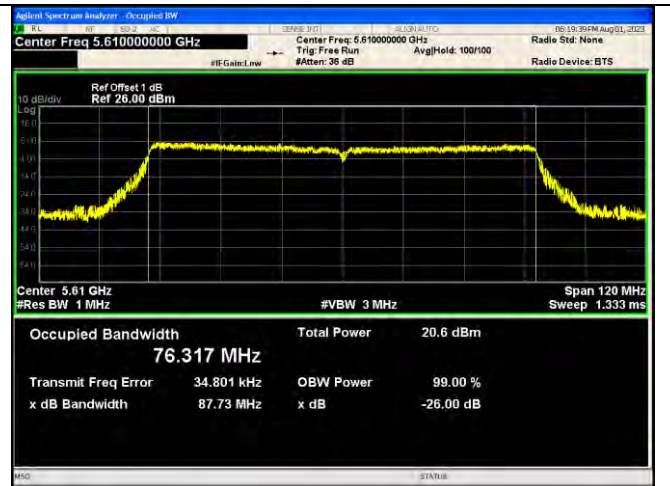
IEEE 802.11ac Channel 106 80MHz Antenna 2



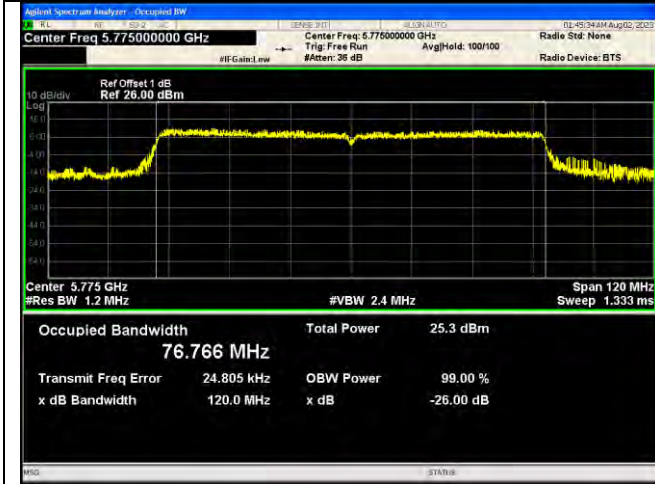




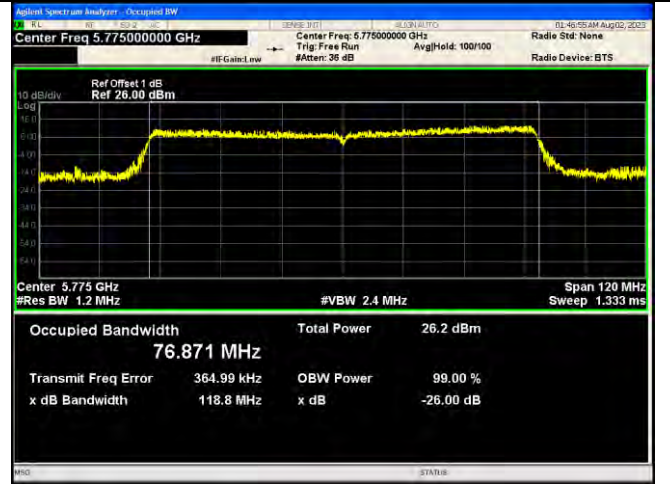
IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 2



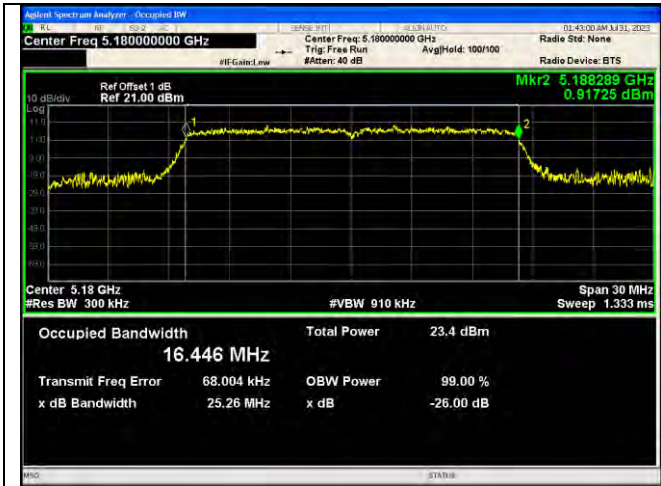
IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 2



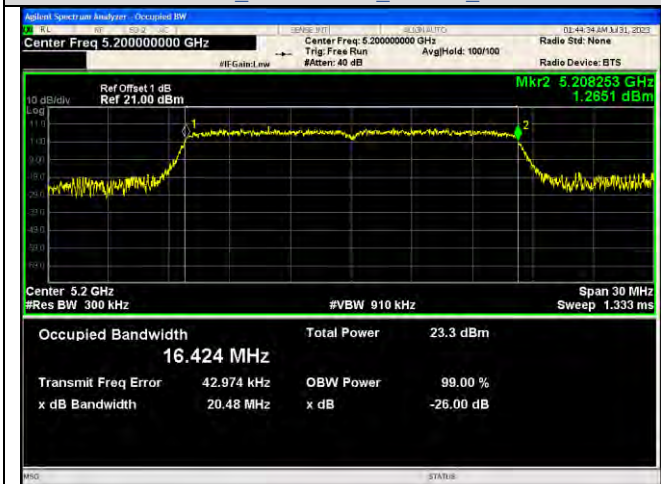
99% Bandwidth:



IEEE 802.11a Channel 36 20MHz Antenna 1



IEEE 802.11a Channel 36 20MHz Antenna 2



IEEE 802.11a Channel 40 20MHz Antenna 1



IEEE 802.11a Channel 40 20MHz Antenna 2



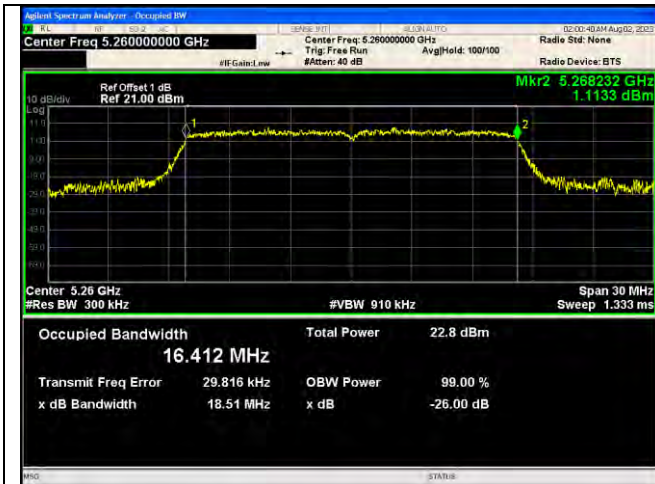
IEEE 802.11a Channel 48 20MHz Antenna 1



IEEE 802.11a Channel 48 20MHz Antenna 2







IEEE 802.11a Channel 52 20MHz Antenna 1



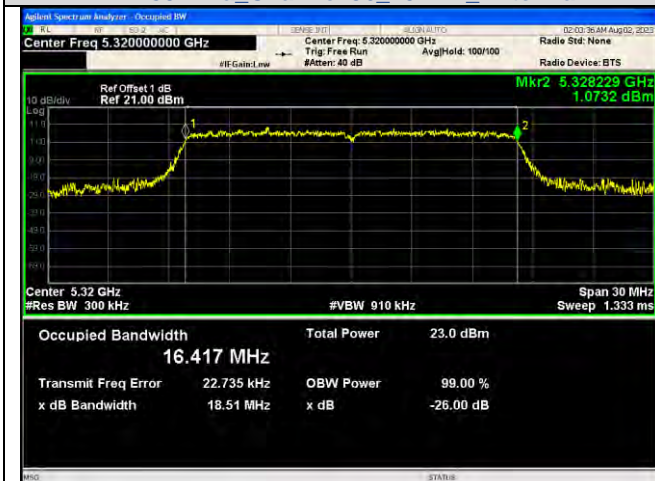
IEEE 802.11a Channel 52 20MHz Antenna 2



IEEE 802.11a Channel 56 20MHz Antenna 1



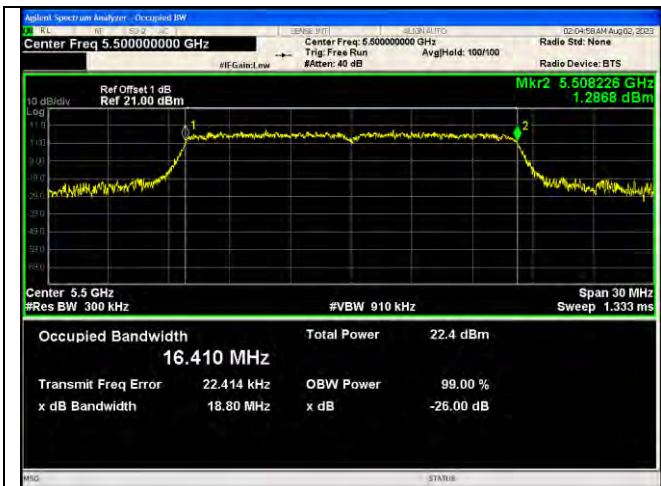
IEEE 802.11a Channel 56 20MHz Antenna 2



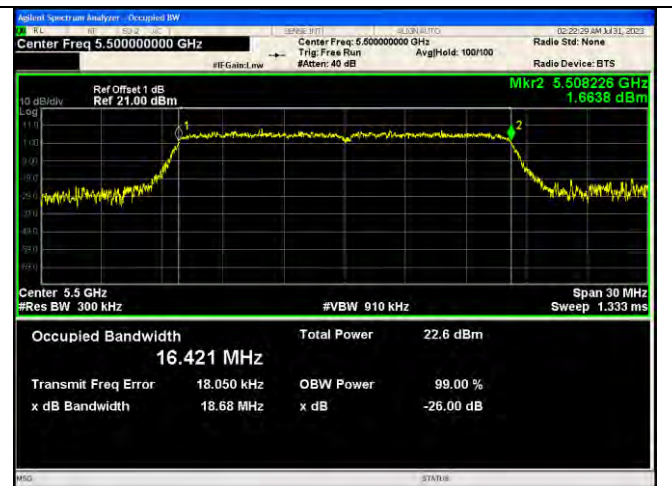
IEEE 802.11a Channel 64 20MHz Antenna 1



IEEE 802.11a Channel 64 20MHz Antenna 2



IEEE 802.11a Channel 100 20MHz Antenna 1



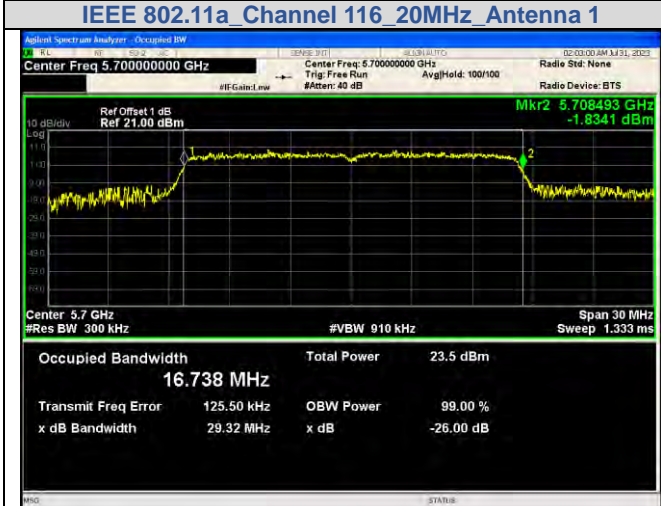
IEEE 802.11a Channel 100 20MHz Antenna 2



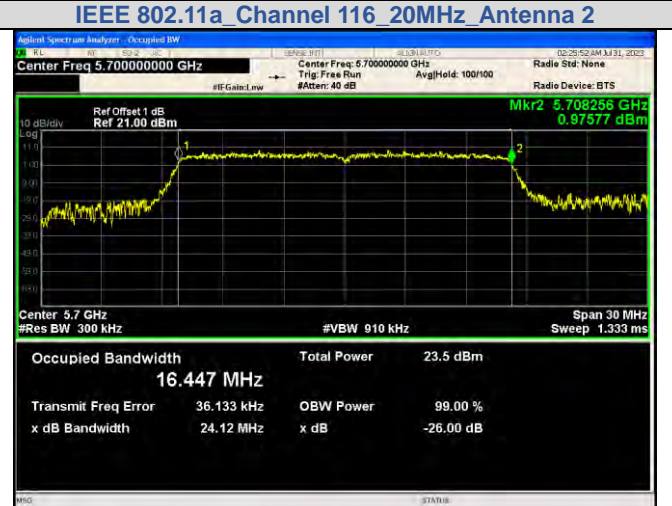
IEEE 802.11a Channel 116 20MHz Antenna 1



IEEE 802.11a Channel 116 20MHz Antenna 2

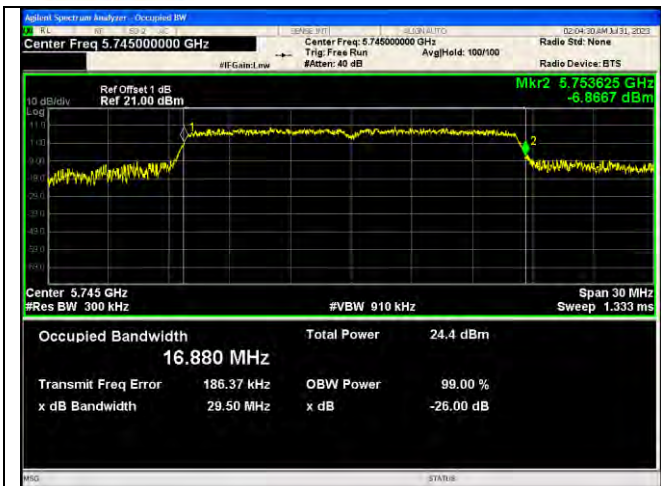


IEEE 802.11a Channel 140 20MHz Antenna 1

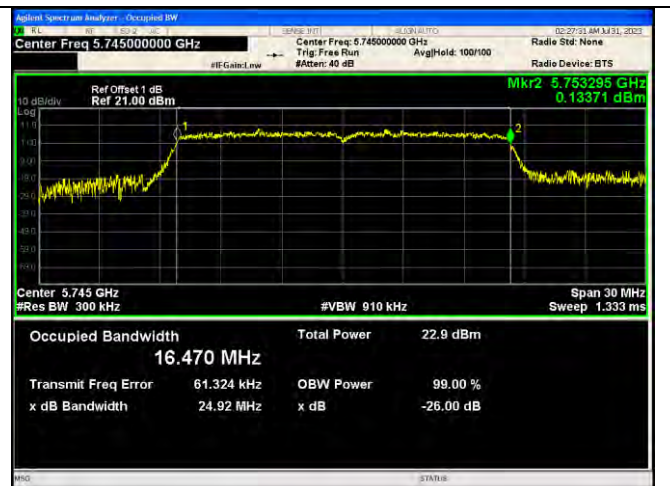


IEEE 802.11a Channel 140 20MHz Antenna 2

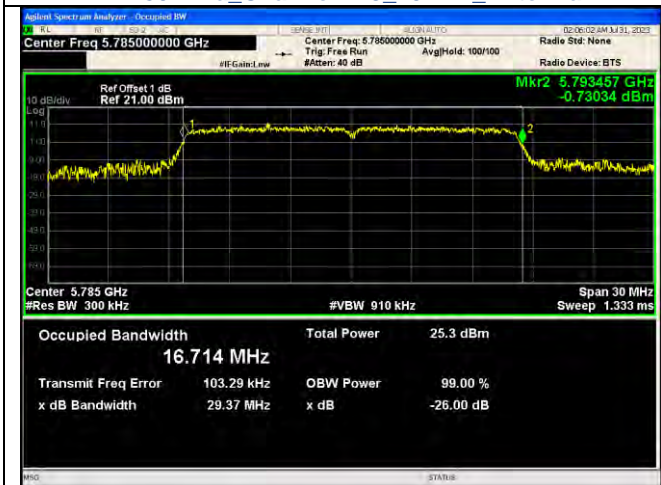




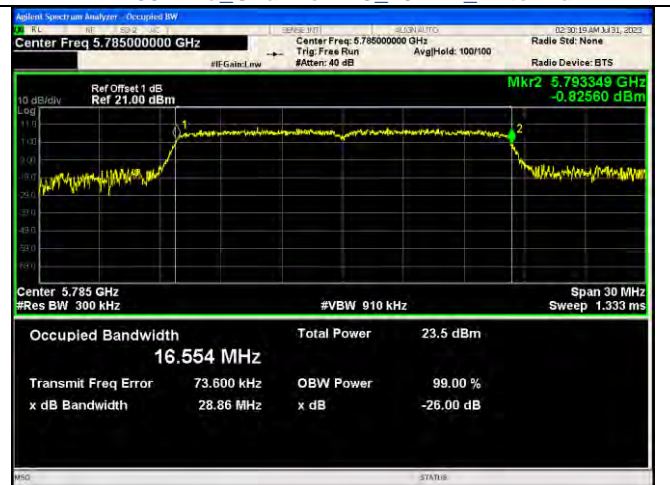
IEEE 802.11a Channel 149 20MHz Antenna 1



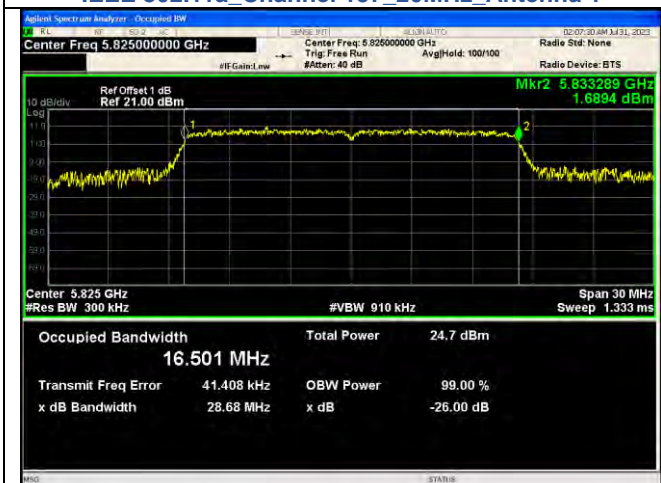
IEEE 802.11a Channel 149 20MHz Antenna 2



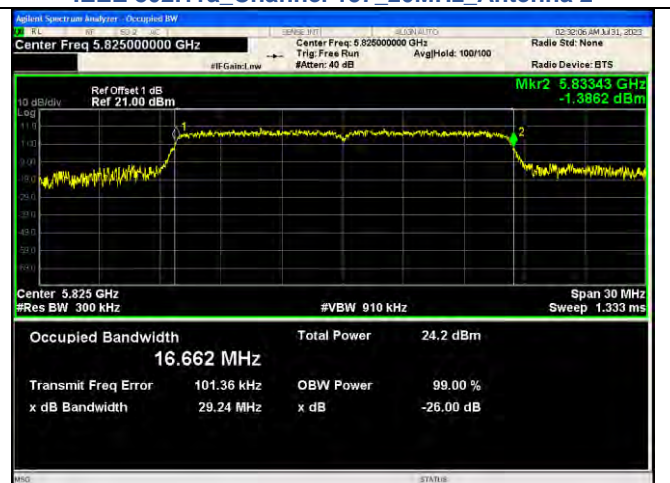
IEEE 802.11a Channel 157 20MHz Antenna 1



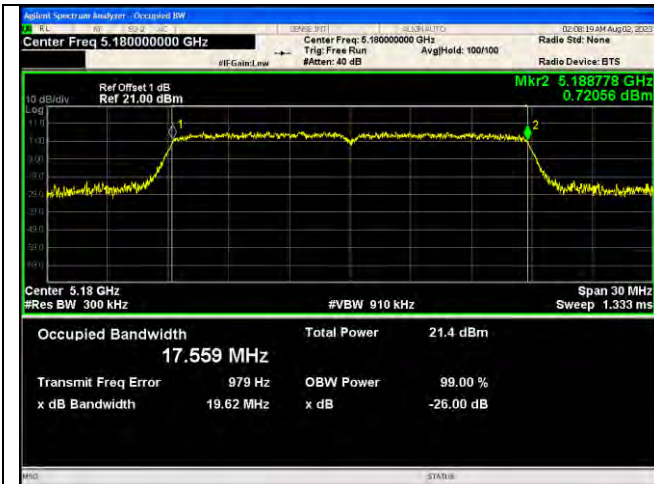
IEEE 802.11a Channel 157 20MHz Antenna 2



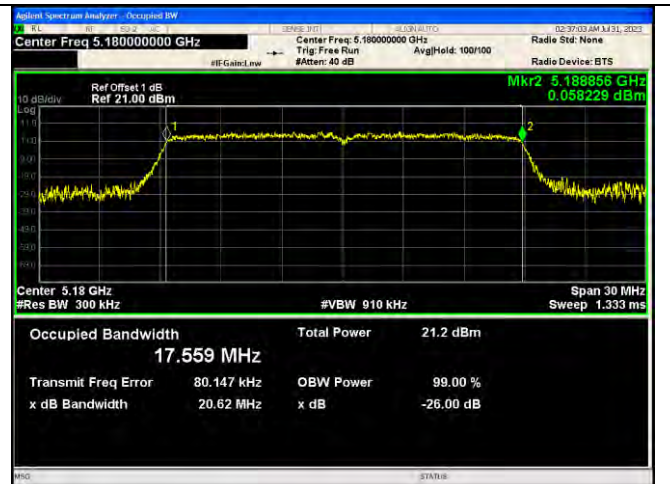
IEEE 802.11a Channel 165 20MHz Antenna 1



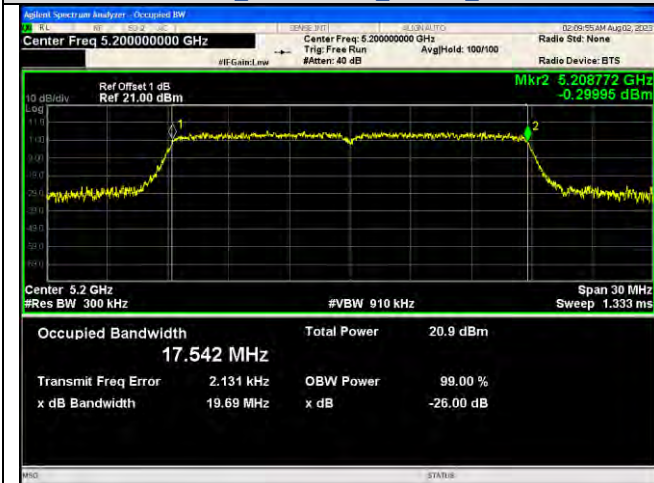
IEEE 802.11a Channel 165 20MHz Antenna 2



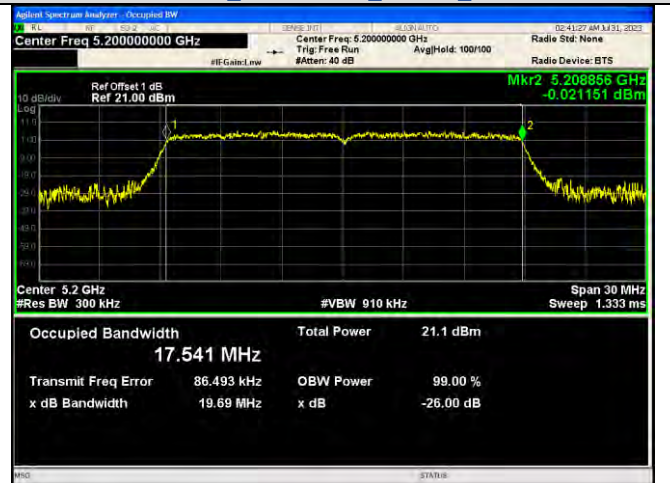
IEEE 802.11n Channel 36 20MHz Antenna 1



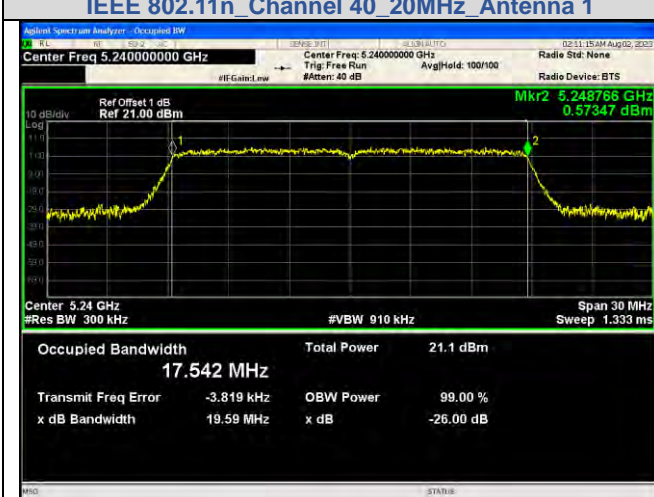
IEEE 802.11n Channel 36 20MHz Antenna 2



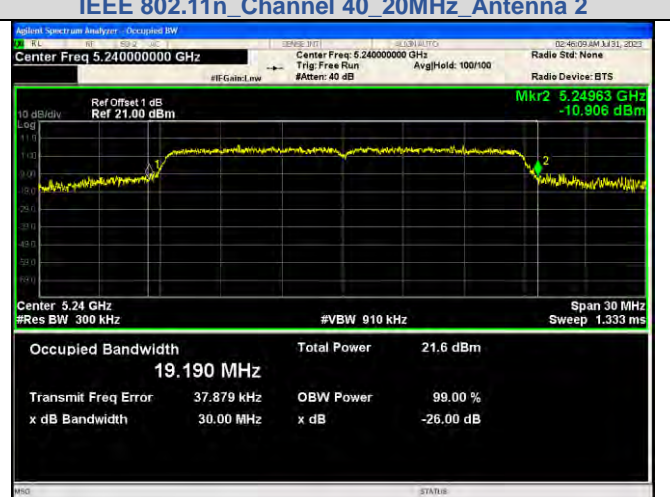
IEEE 802.11n Channel 40 20MHz Antenna 1



IEEE 802.11n Channel 40 20MHz Antenna 2



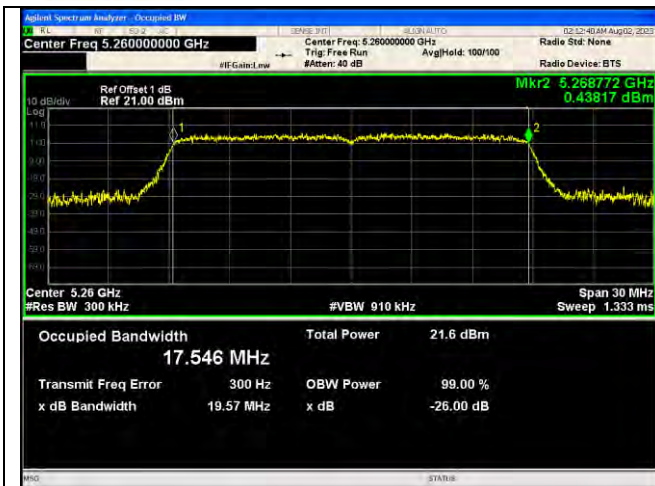
IEEE 802.11n Channel 48 20MHz Antenna 1



IEEE 802.11n Channel 48 20MHz Antenna 2



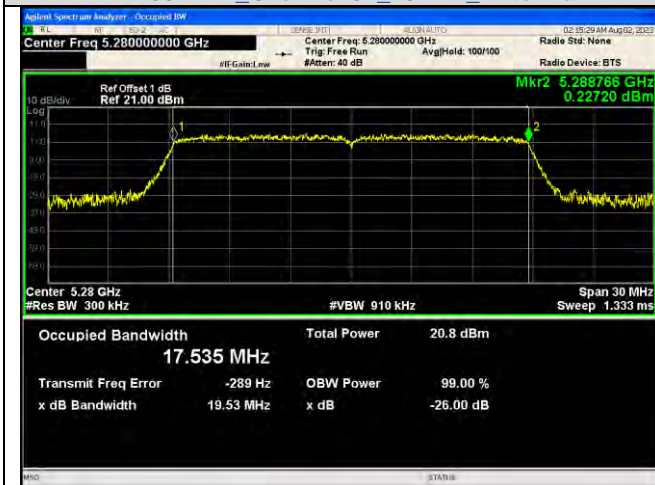




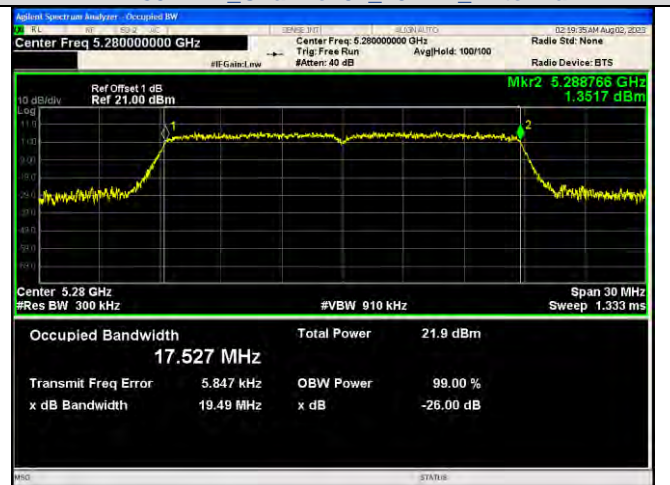
IEEE 802.11n Channel 52 20MHz Antenna 1



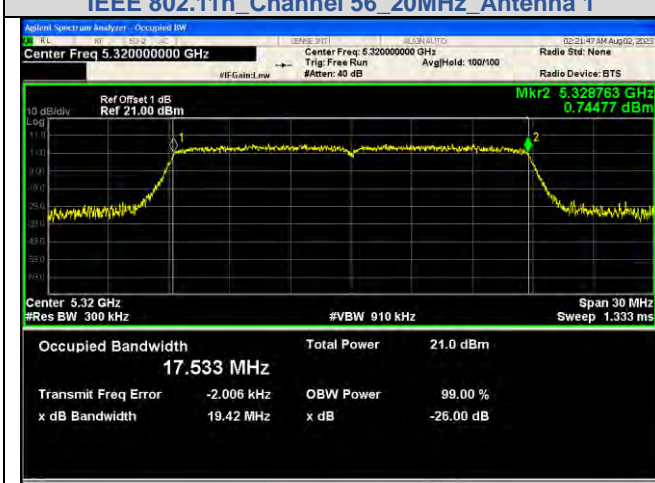
IEEE 802.11n Channel 52 20MHz Antenna 2



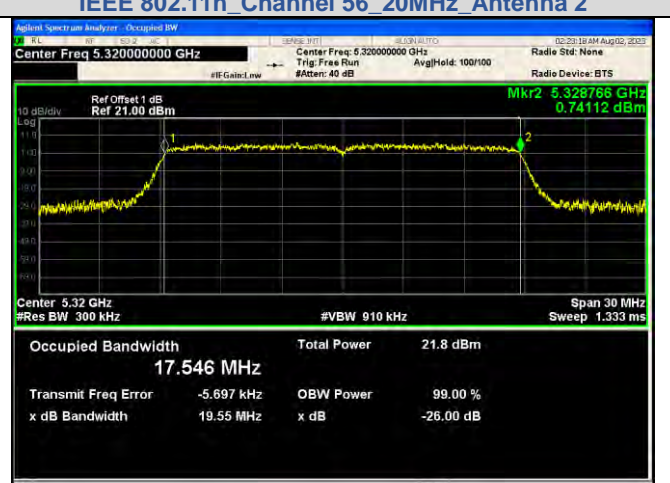
IEEE 802.11n Channel 56 20MHz Antenna 1



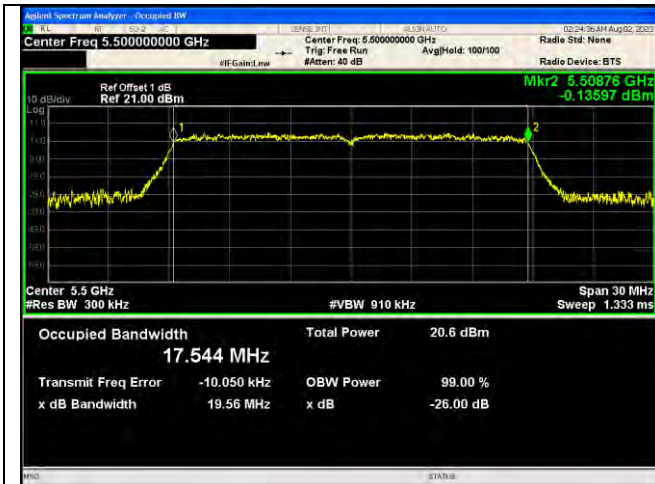
IEEE 802.11n Channel 56 20MHz Antenna 2



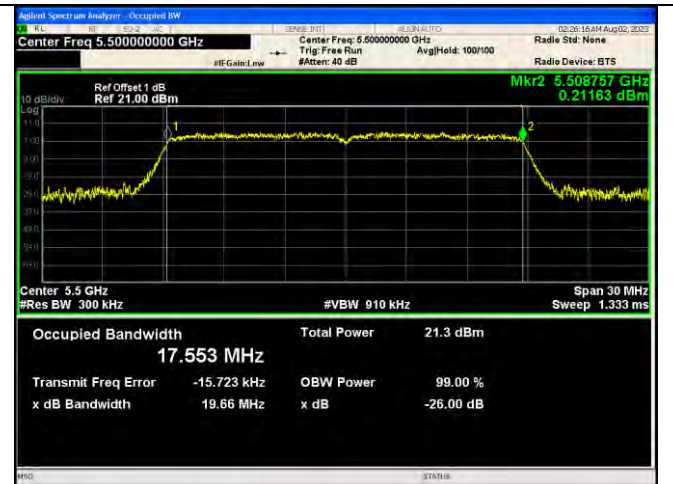
IEEE 802.11n Channel 64 20MHz Antenna 1



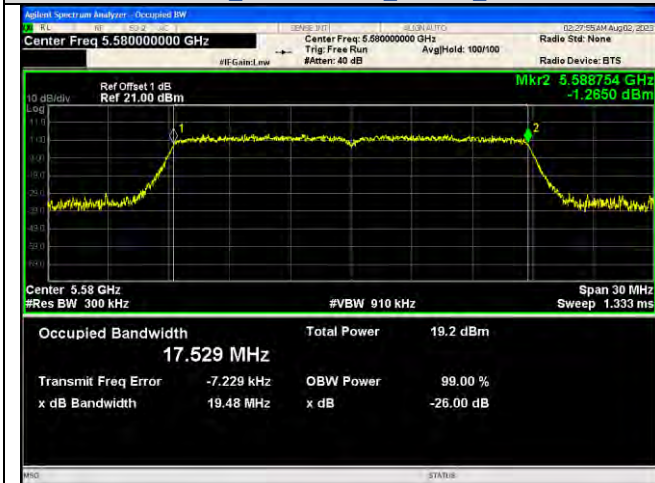
IEEE 802.11n Channel 64 20MHz Antenna 2



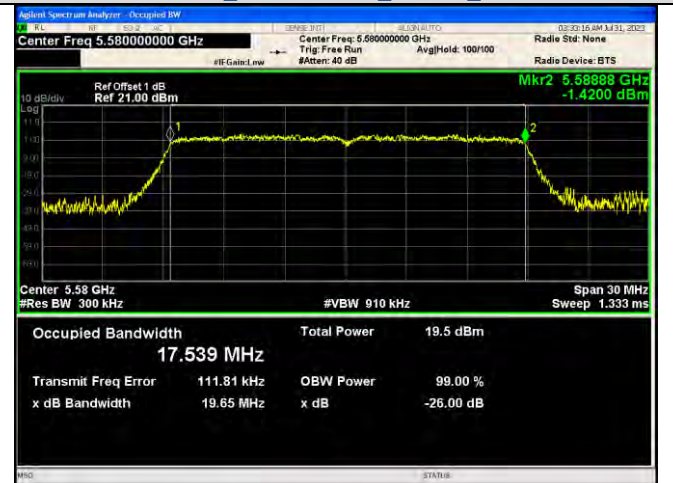
IEEE 802.11n Channel 100 20MHz Antenna 1



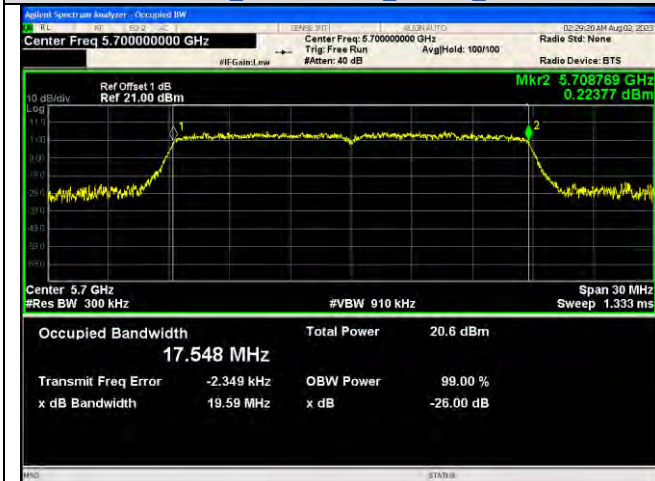
IEEE 802.11n Channel 100 20MHz Antenna 2



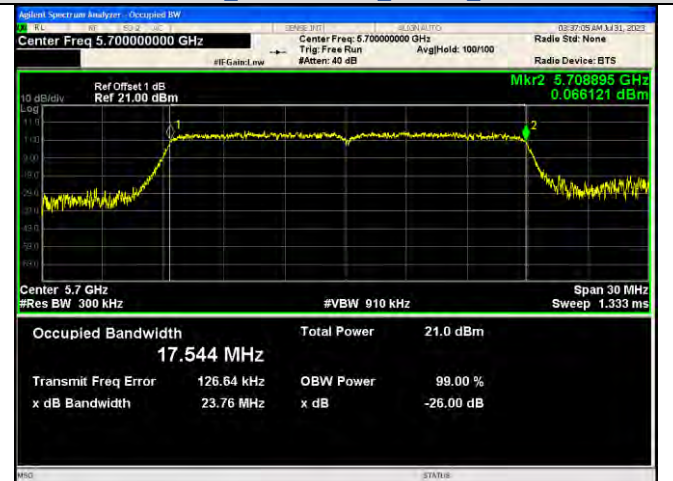
IEEE 802.11n Channel 116 20MHz Antenna 1



IEEE 802.11n Channel 116 20MHz Antenna 2



IEEE 802.11n Channel 140 20MHz Antenna 1



IEEE 802.11n Channel 140 20MHz Antenna 2

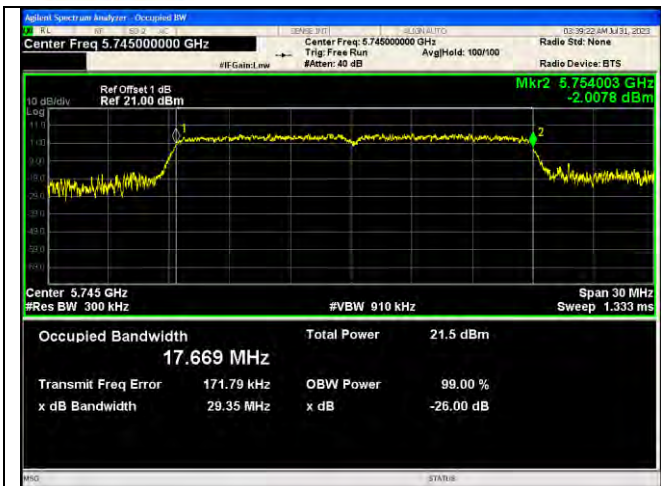
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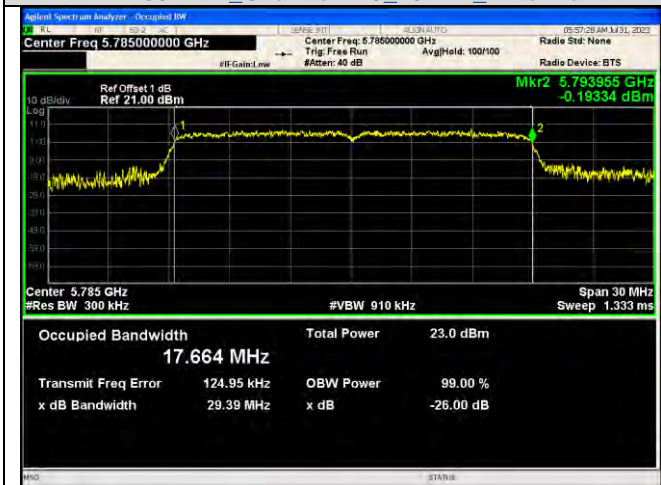




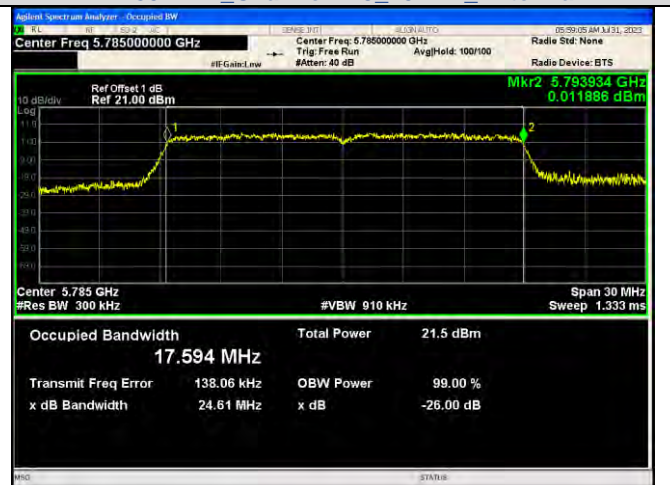
IEEE 802.11n Channel 149 20MHz Antenna 1



IEEE 802.11n Channel 149 20MHz Antenna 2



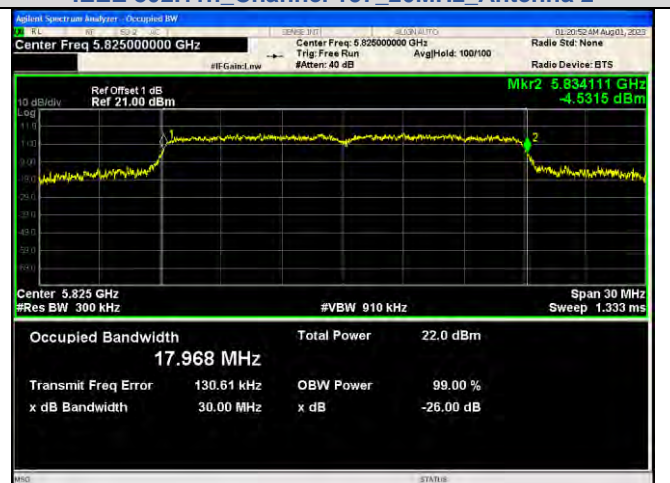
IEEE 802.11n Channel 157 20MHz Antenna 1



IEEE 802.11n Channel 157 20MHz Antenna 2

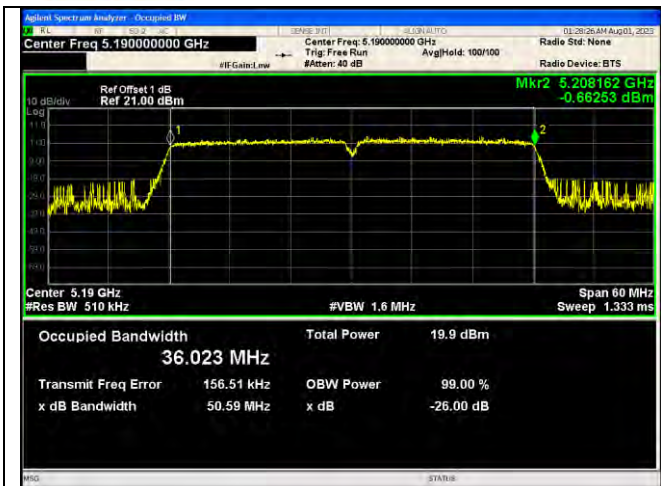


IEEE 802.11n Channel 165 20MHz Antenna 1

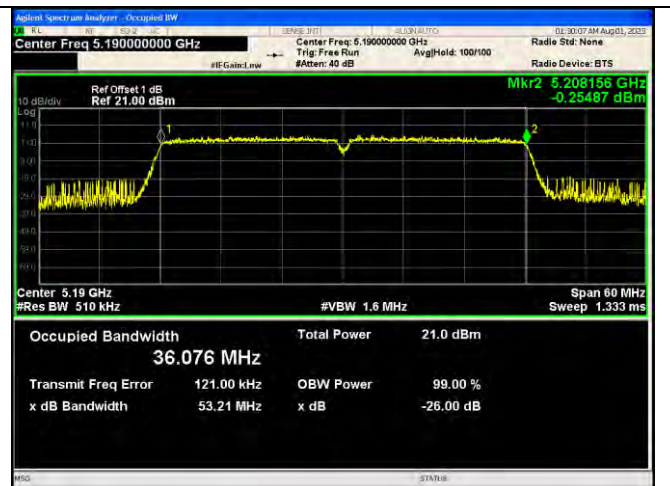


IEEE 802.11n Channel 165 20MHz Antenna 2

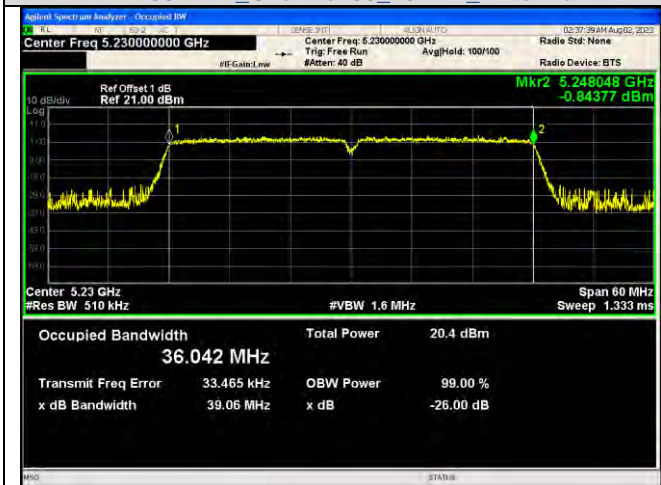




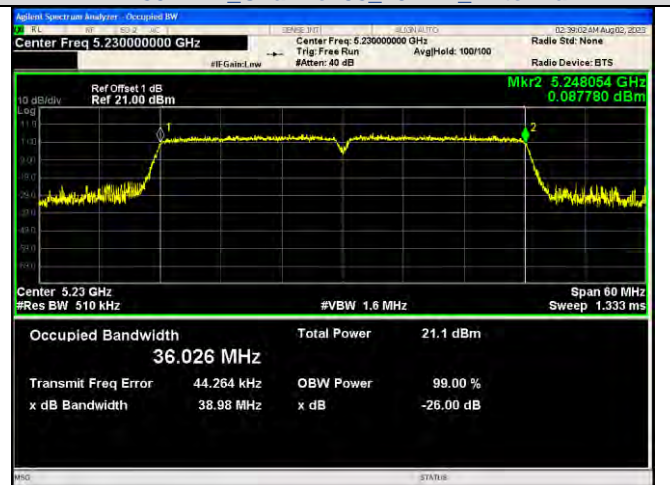
IEEE 802.11n Channel 38 40MHz Antenna 1



IEEE 802.11n Channel 38 40MHz Antenna 2



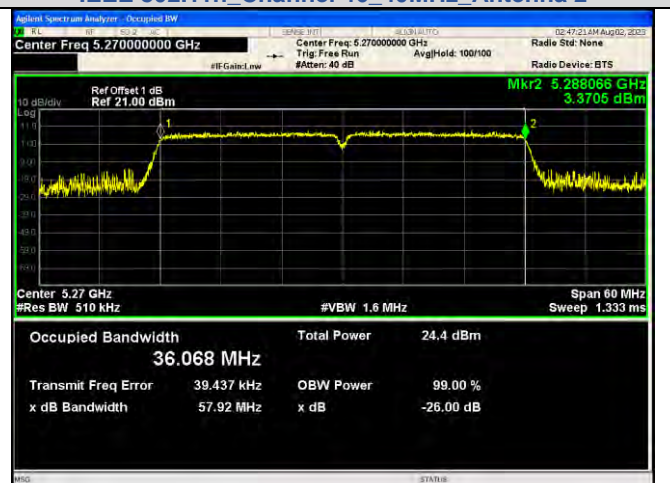
IEEE 802.11n Channel 46 40MHz Antenna 1



IEEE 802.11n Channel 46 40MHz Antenna 2



IEEE 802.11n Channel 54 40MHz Antenna 1



IEEE 802.11n Channel 54 40MHz Antenna 2

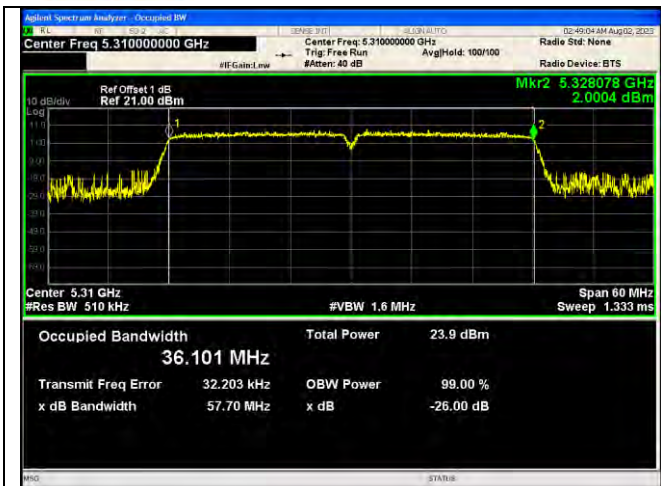
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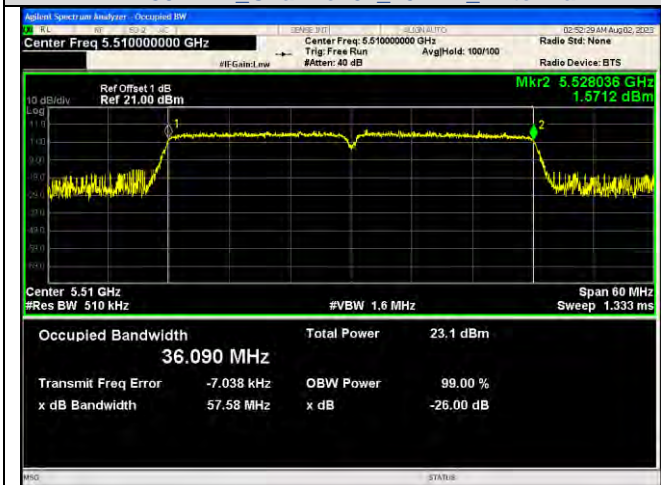




IEEE 802.11n Channel 62 40MHz Antenna 1



IEEE 802.11n Channel 62 40MHz Antenna 2



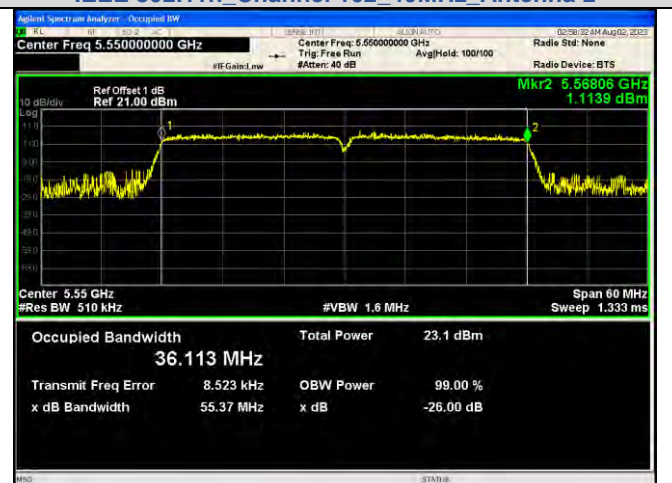
IEEE 802.11n Channel 102 40MHz Antenna 1



IEEE 802.11n Channel 102 40MHz Antenna 2

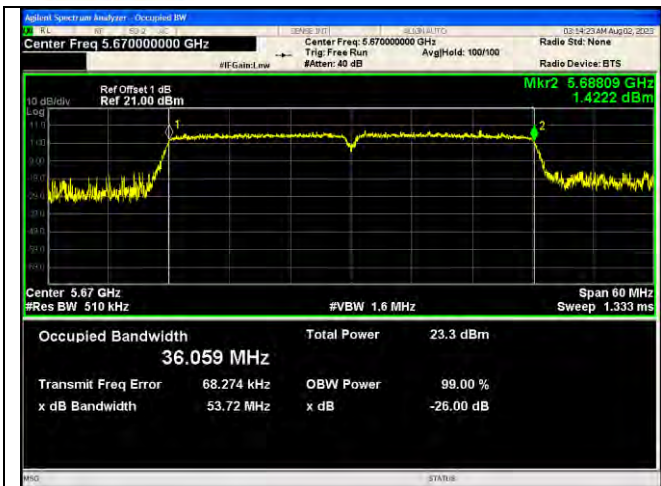


IEEE 802.11n Channel 110 40MHz Antenna 1

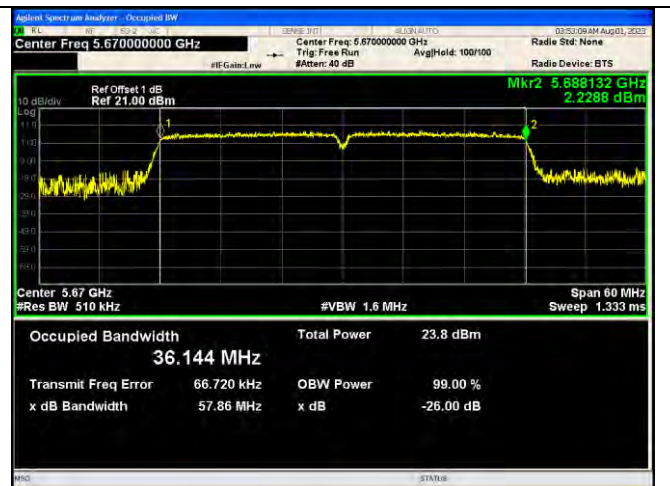


IEEE 802.11n Channel 110 40MHz Antenna 2





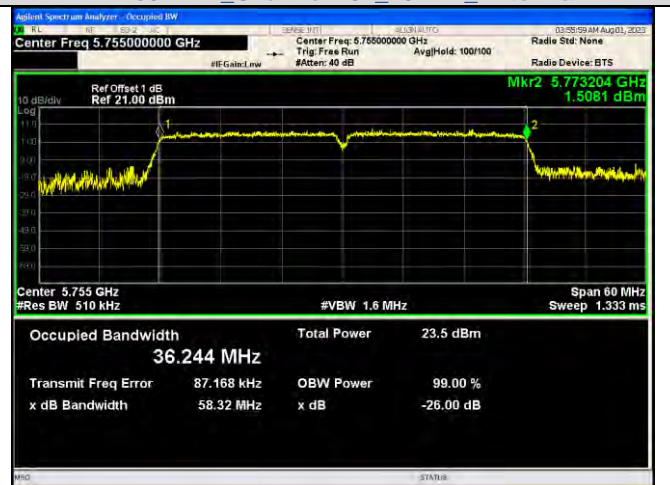
IEEE 802.11n Channel 134 40MHz Antenna 1



IEEE 802.11n Channel 134 40MHz Antenna 2



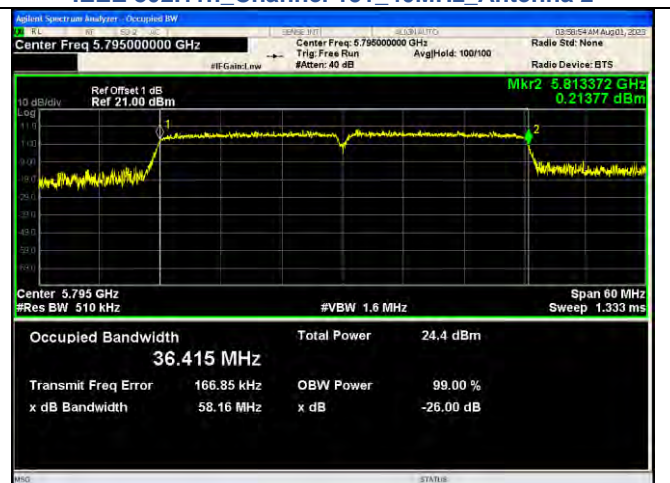
IEEE 802.11n Channel 151 40MHz Antenna 1



IEEE 802.11n Channel 151 40MHz Antenna 2

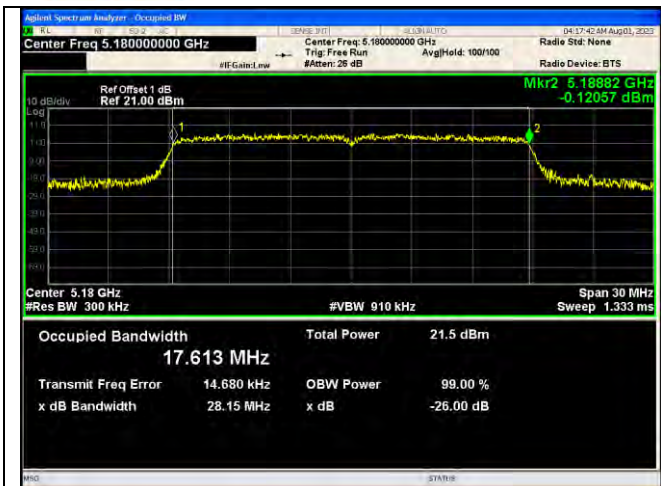


IEEE 802.11n Channel 159 40MHz Antenna 1

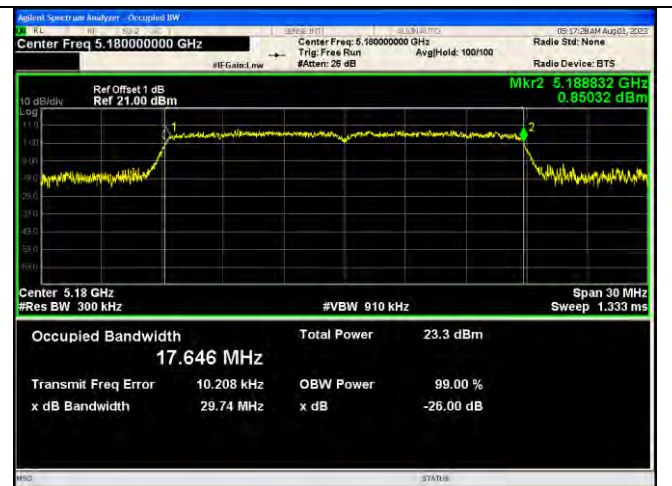


IEEE 802.11n Channel 159 40MHz Antenna 2





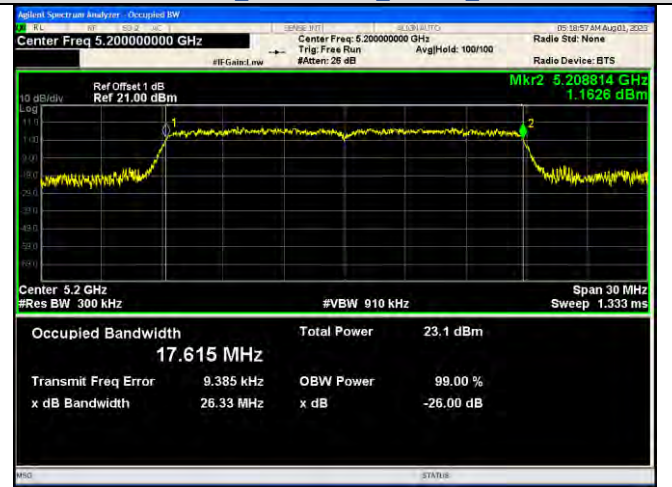
IEEE 802.11ac Channel 36 20MHz Antenna 1



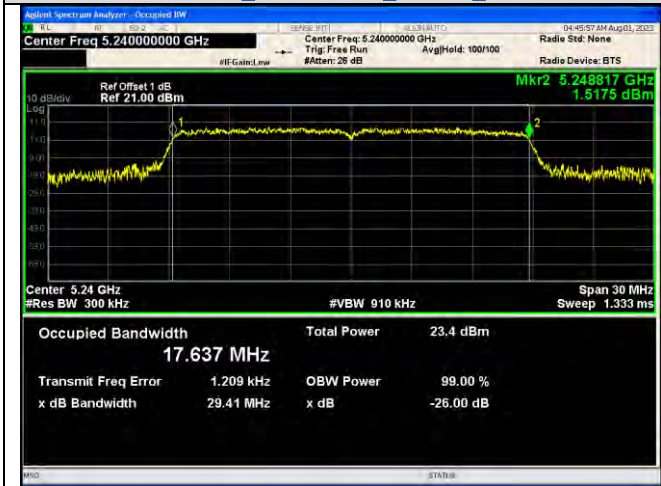
IEEE 802.11ac Channel 36 20MHz Antenna 2



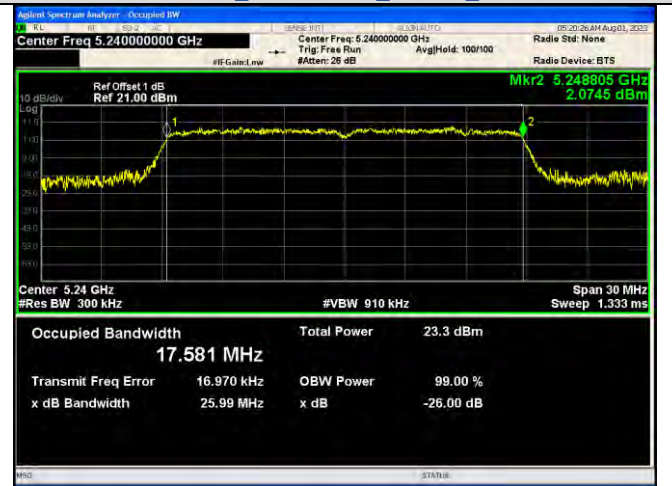
IEEE 802.11ac Channel 40 20MHz Antenna 1



IEEE 802.11ac Channel 40 20MHz Antenna 2



IEEE 802.11ac Channel 48 20MHz Antenna 1

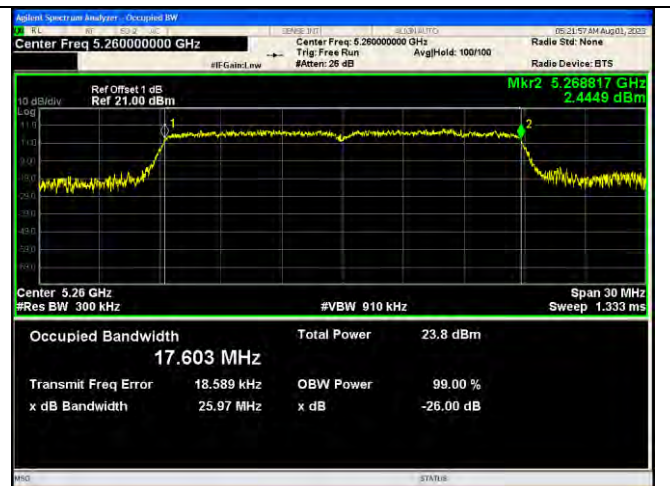


IEEE 802.11ac Channel 48 20MHz Antenna 2





IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 1



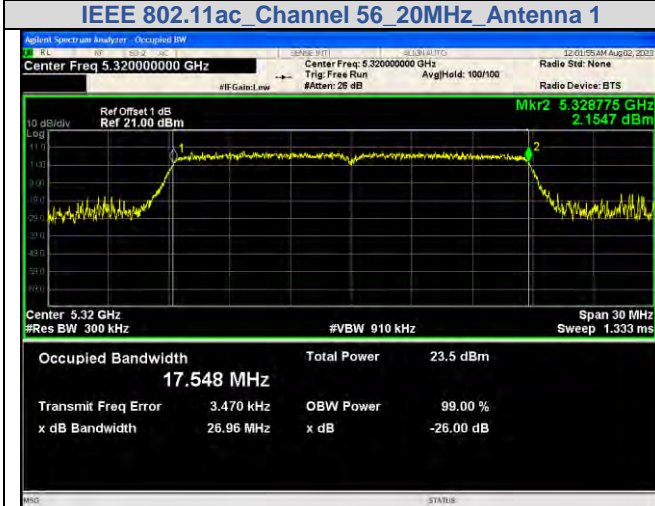
IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 2



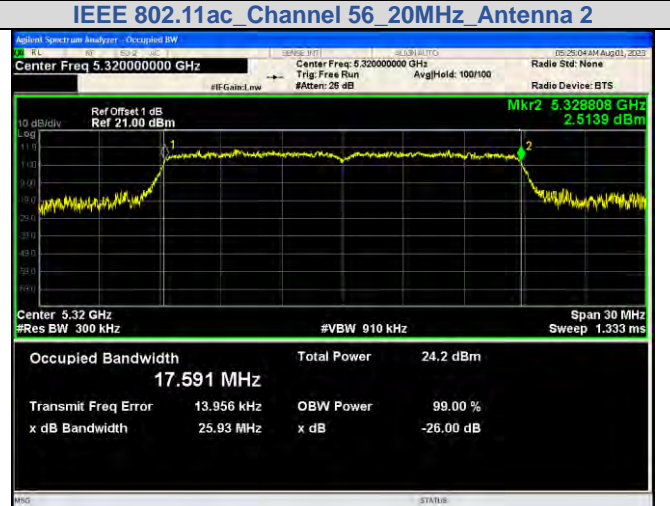
IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 1



IEEE 802.11ac\_Channel 52\_20MHz\_Antenna 2



IEEE 802.11ac\_Channel 56\_20MHz\_Antenna 1



IEEE 802.11ac\_Channel 56\_20MHz\_Antenna 2



IEEE 802.11ac\_Channel 64\_20MHz\_Antenna 1

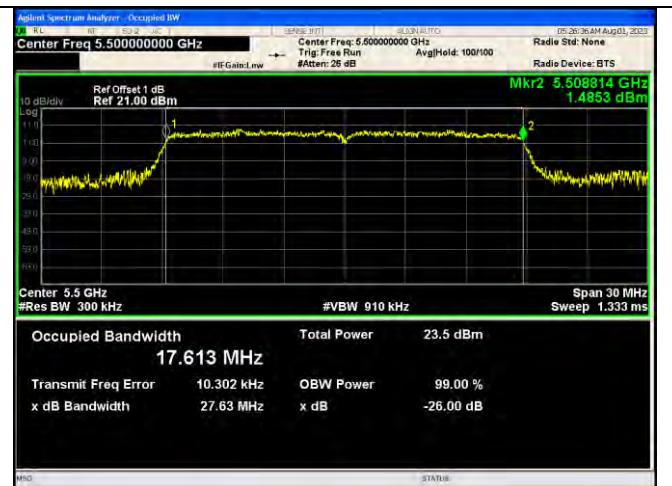


IEEE 802.11ac\_Channel 64\_20MHz\_Antenna 2

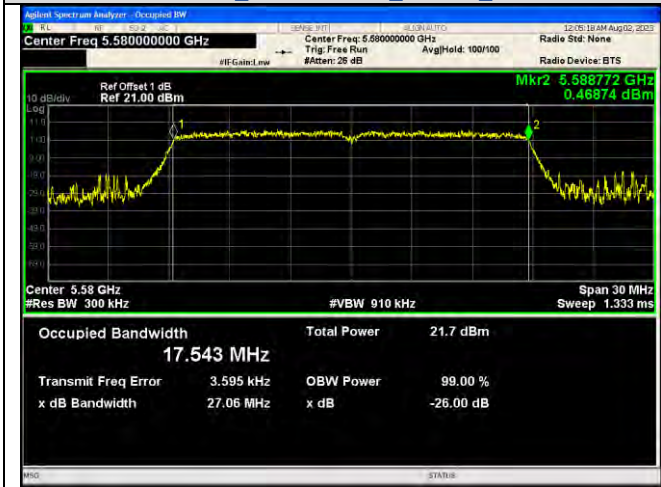




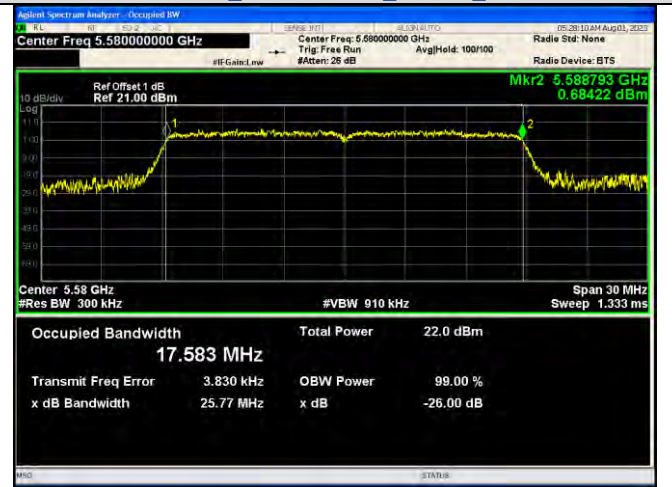
IEEE 802.11ac Channel 100 20MHz Antenna 1



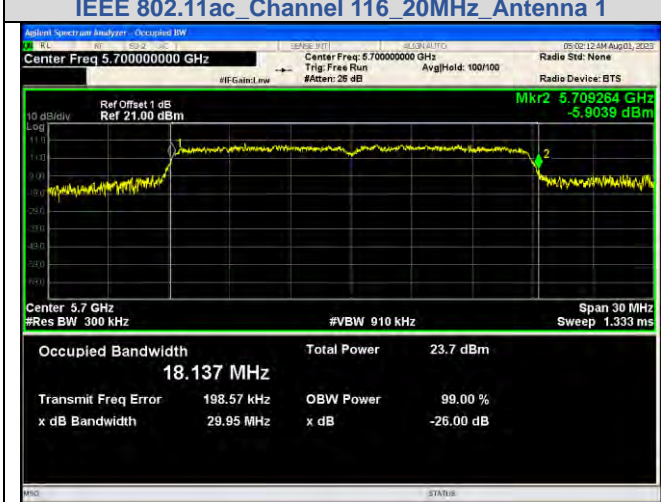
IEEE 802.11ac Channel 100 20MHz Antenna 2



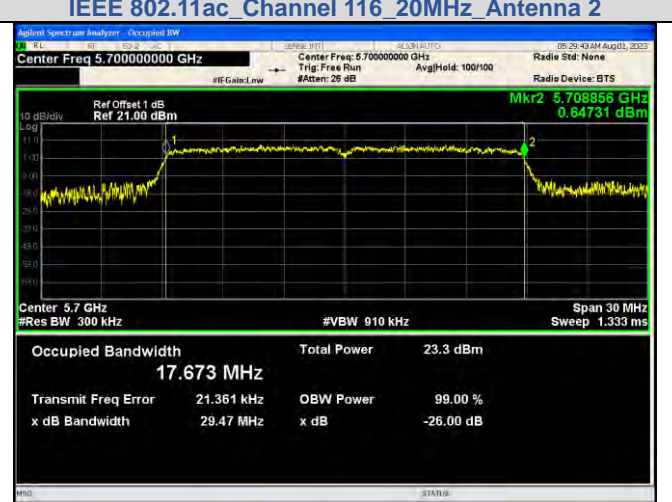
IEEE 802.11ac Channel 100 20MHz Antenna 1



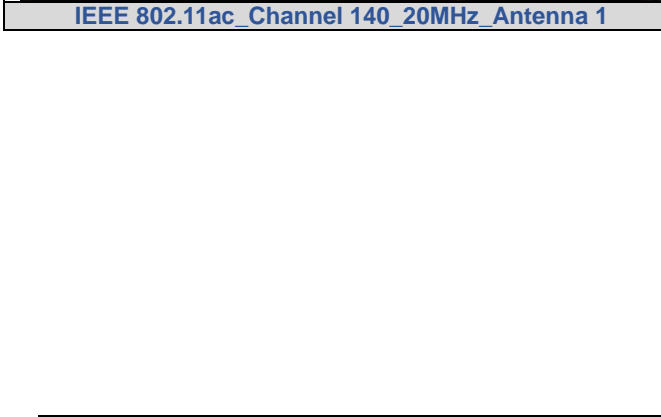
IEEE 802.11ac Channel 100 20MHz Antenna 2



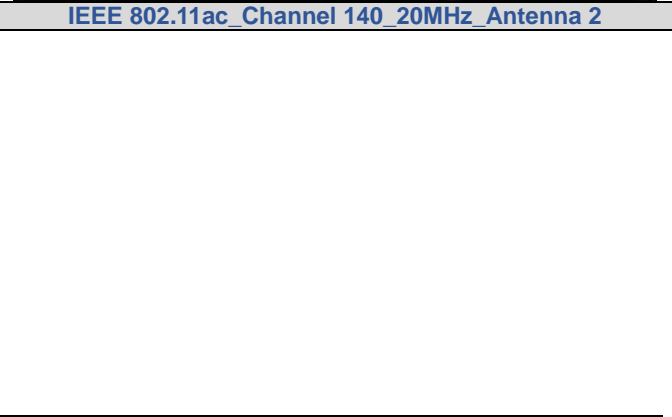
IEEE 802.11ac Channel 116 20MHz Antenna 1



IEEE 802.11ac Channel 116 20MHz Antenna 2



IEEE 802.11ac Channel 140 20MHz Antenna 1



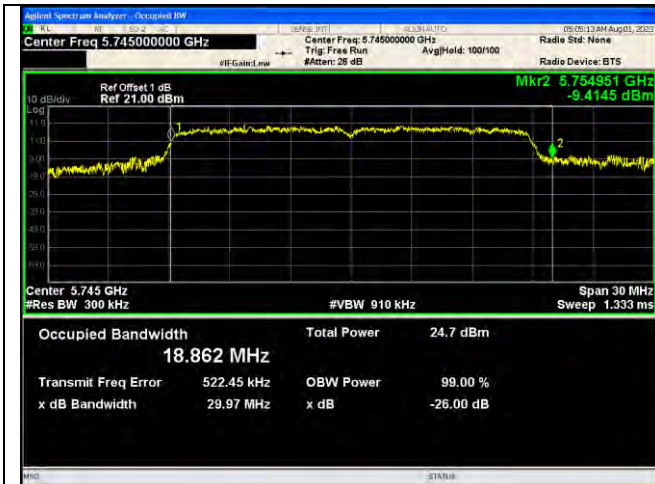
IEEE 802.11ac Channel 140 20MHz Antenna 2

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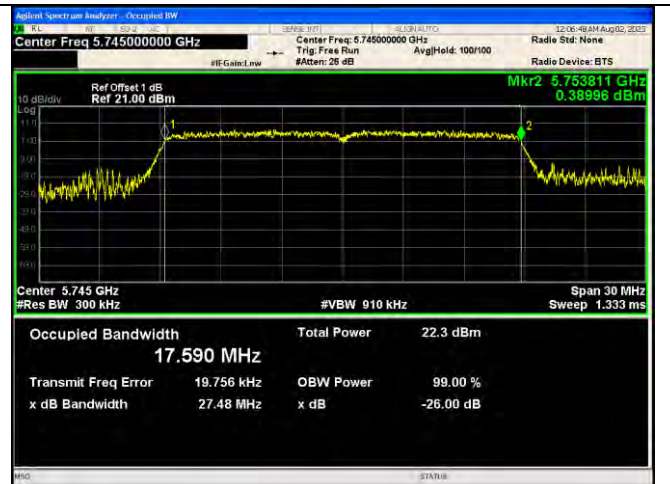
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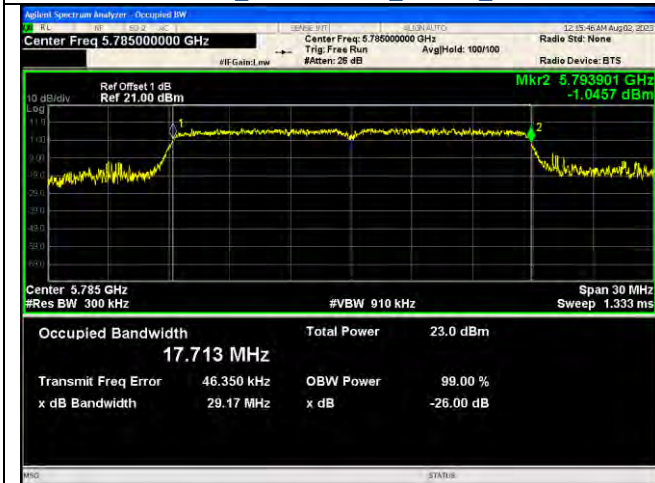
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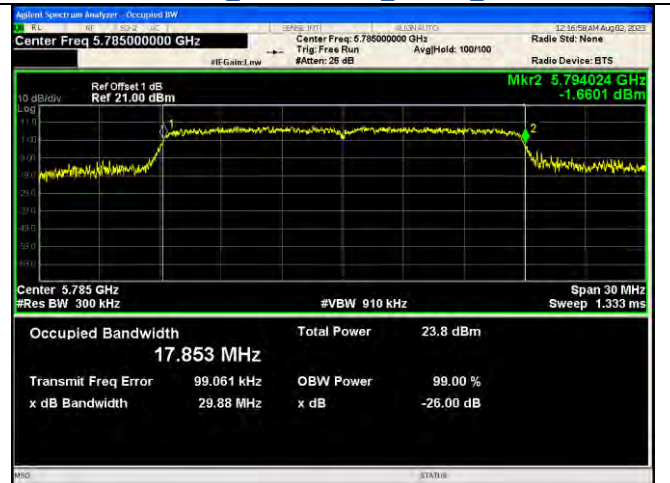
IEEE 802.11ac Channel 149 20MHz Antenna 1



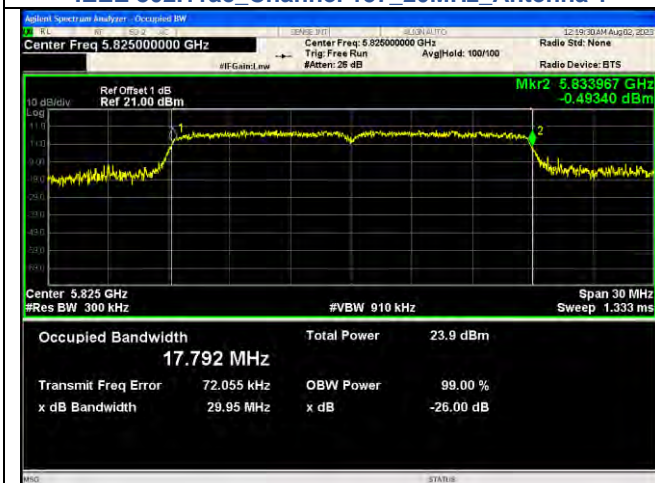
IEEE 802.11ac Channel 149 20MHz Antenna 2



IEEE 802.11ac Channel 149 20MHz Antenna 1



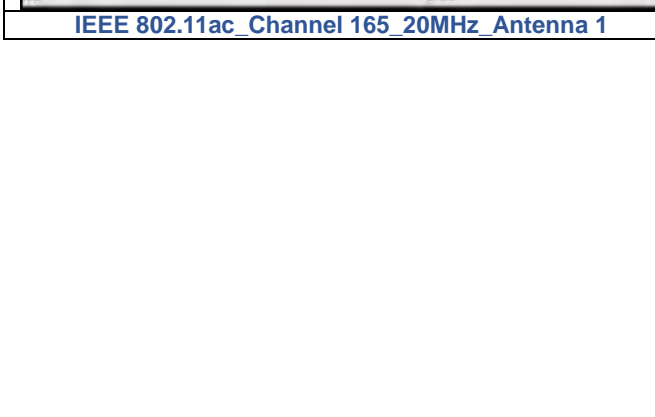
IEEE 802.11ac Channel 149 20MHz Antenna 2



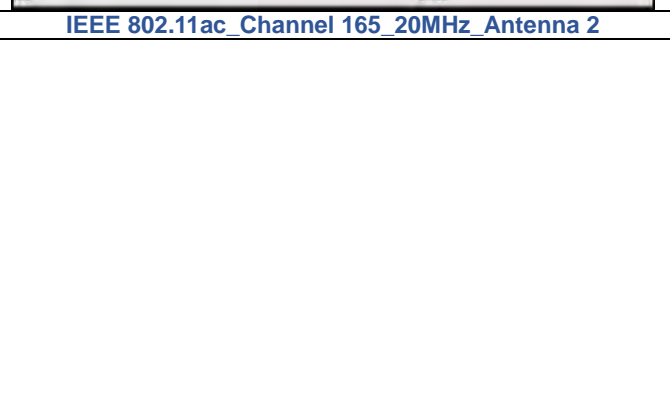
IEEE 802.11ac Channel 157 20MHz Antenna 1



IEEE 802.11ac Channel 157 20MHz Antenna 2



IEEE 802.11ac Channel 165 20MHz Antenna 1



IEEE 802.11ac Channel 165 20MHz Antenna 2

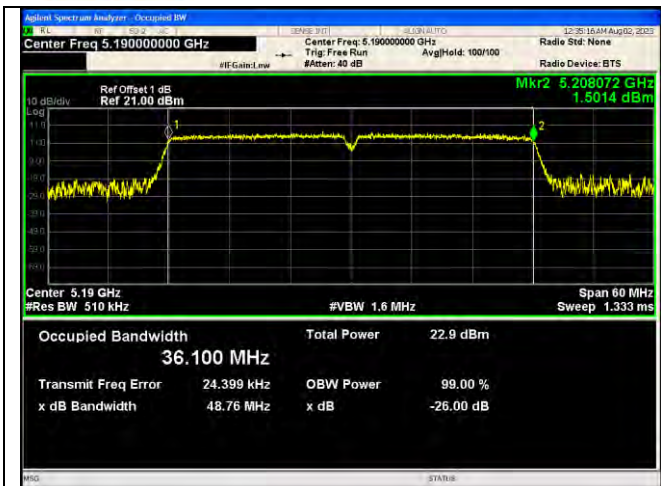
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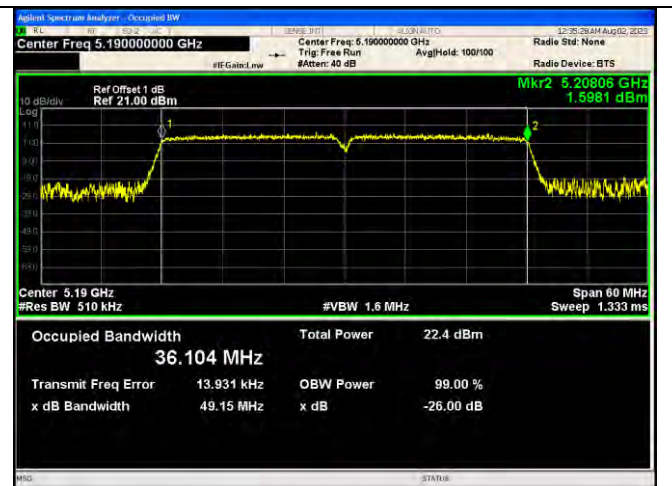


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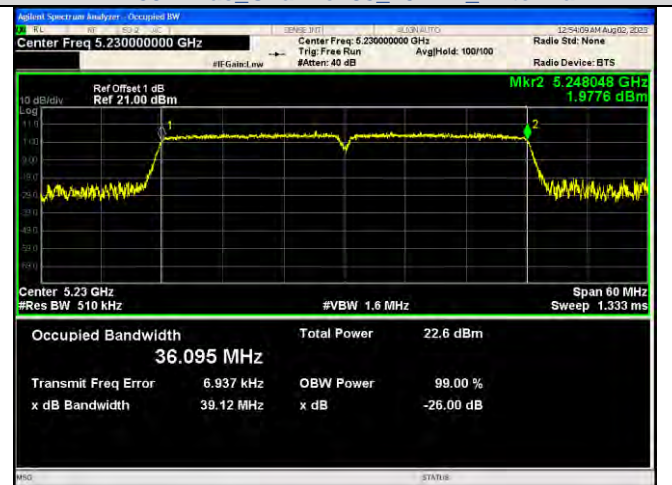
IEEE 802.11ac Channel 38 40MHz Antenna 1



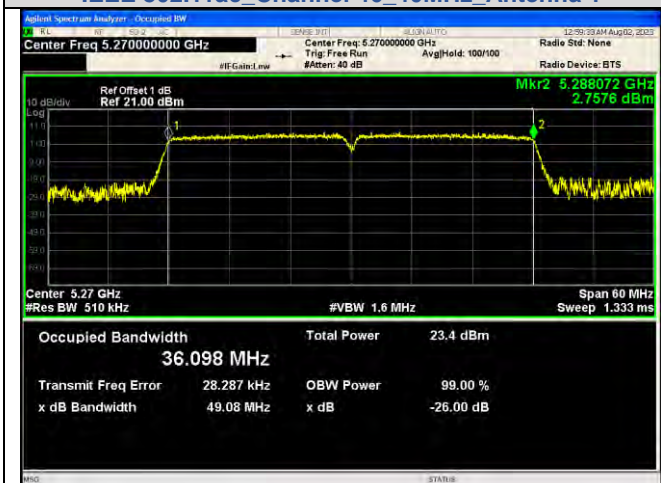
IEEE 802.11ac Channel 38 40MHz Antenna 2



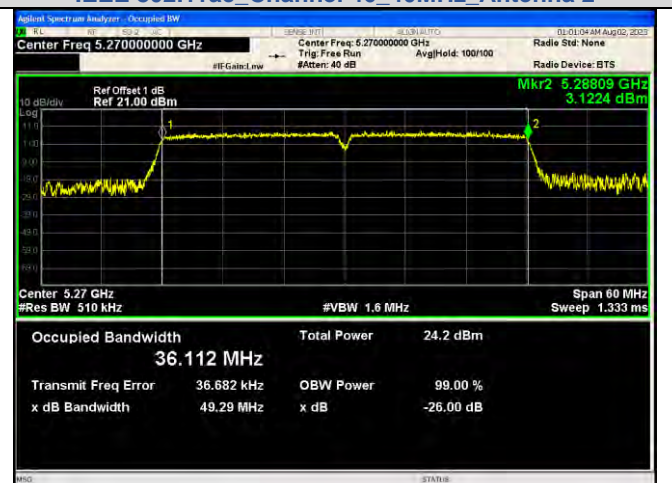
IEEE 802.11ac Channel 46 40MHz Antenna 1



IEEE 802.11ac Channel 46 40MHz Antenna 2

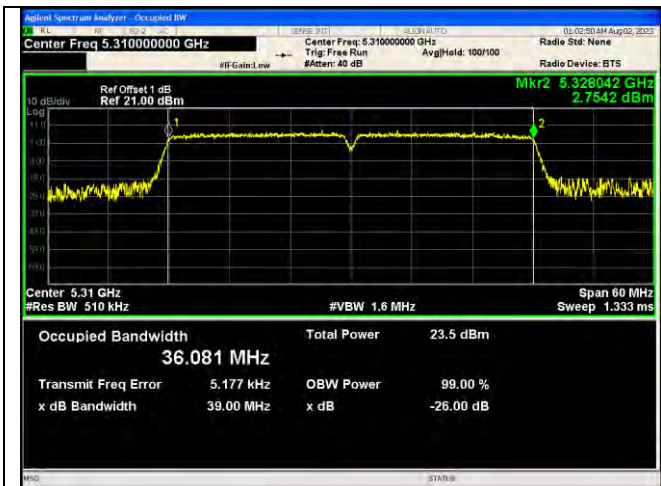


IEEE 802.11ac Channel 54 40MHz Antenna 1

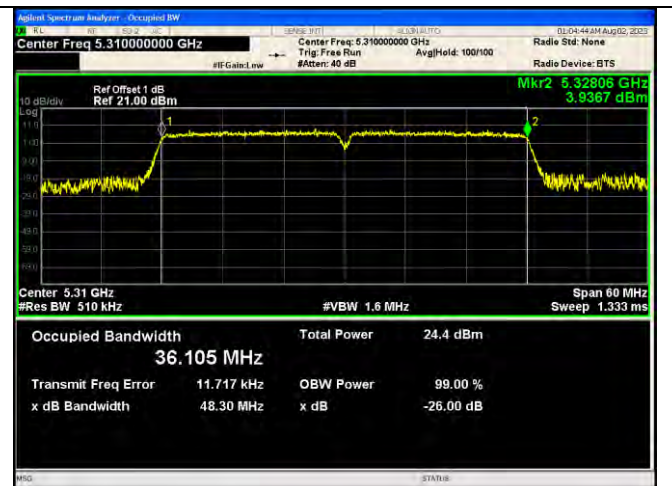


IEEE 802.11ac Channel 54 40MHz Antenna 2

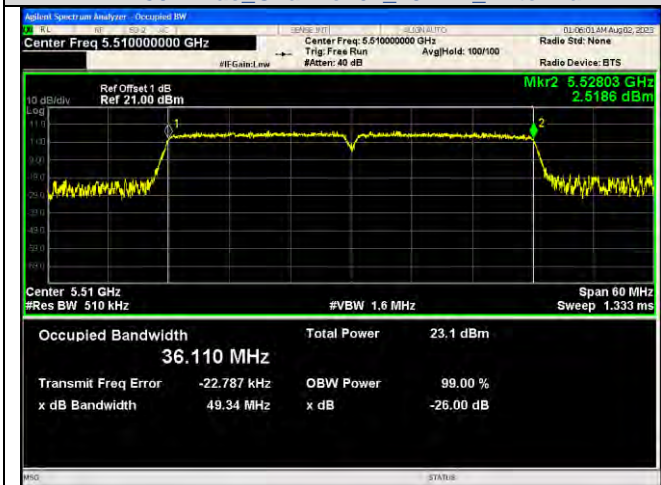




IEEE 802.11ac Channel 62 40MHz Antenna 1



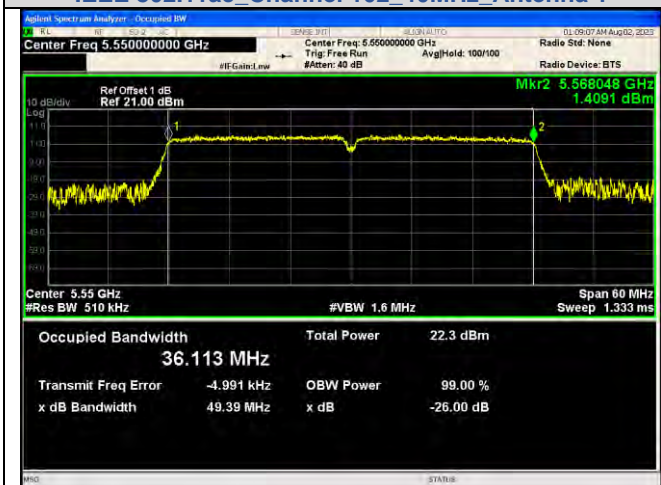
IEEE 802.11ac Channel 62 40MHz Antenna 2



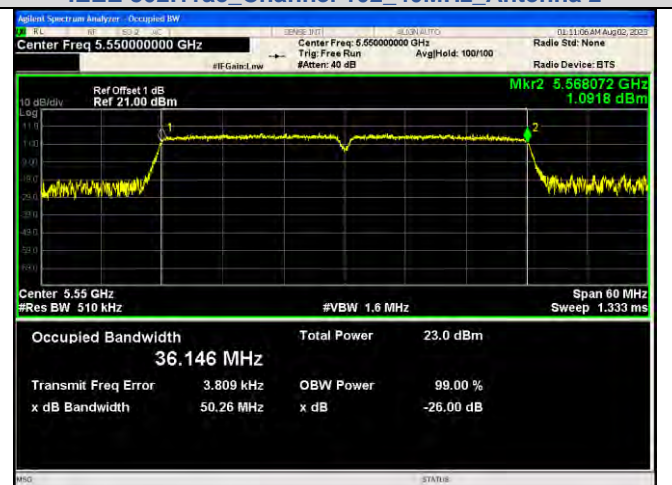
IEEE 802.11ac Channel 102 40MHz Antenna 1



IEEE 802.11ac Channel 102 40MHz Antenna 2

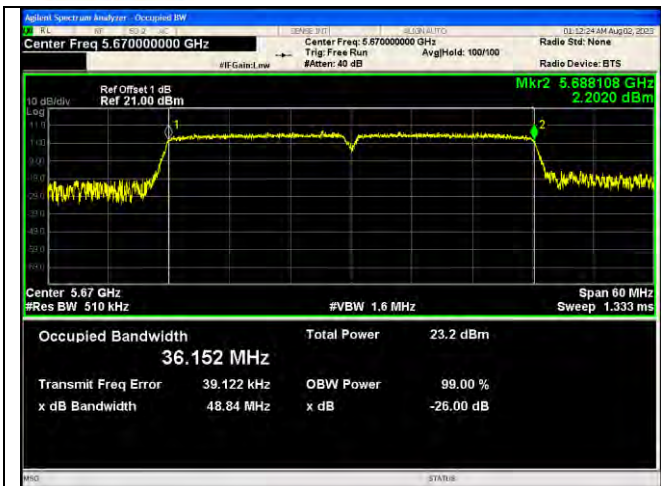


IEEE 802.11ac Channel 110 40MHz Antenna 1



IEEE 802.11ac Channel 110 40MHz Antenna 2

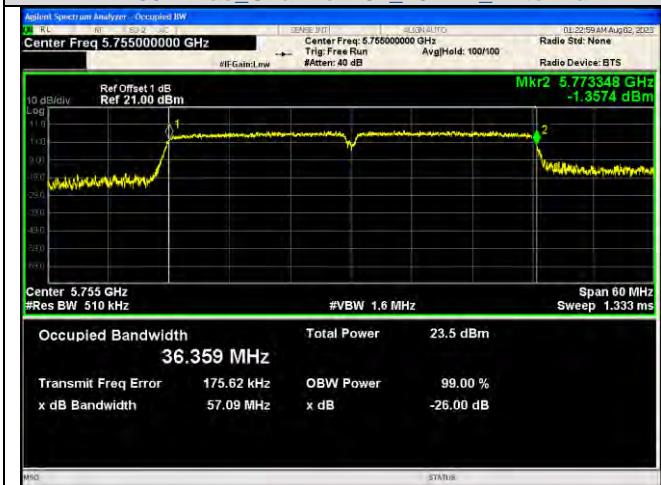




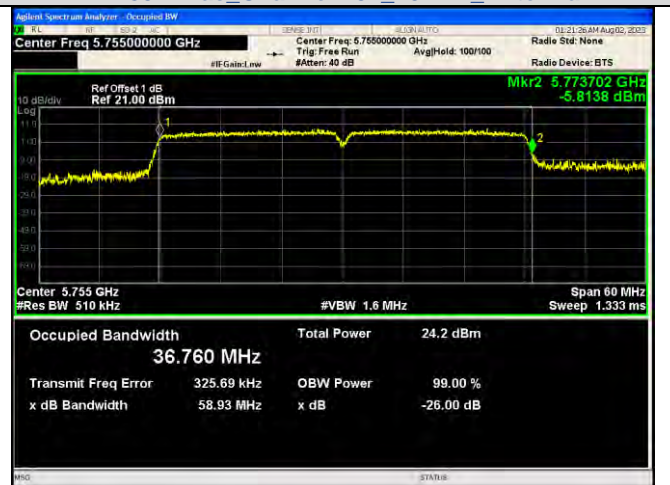
IEEE 802.11ac Channel 134 40MHz Antenna 1



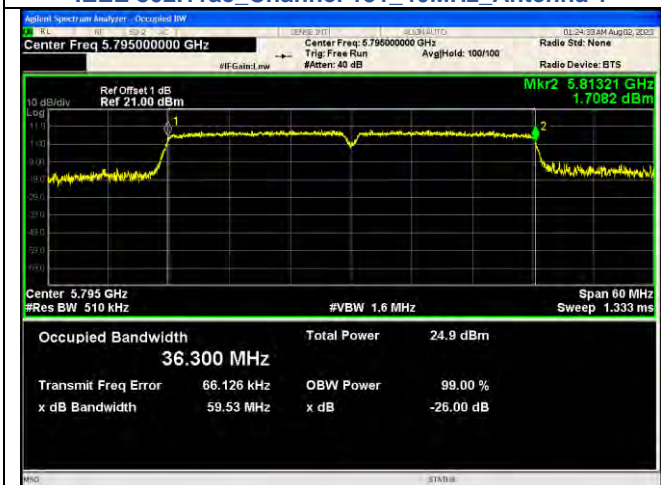
IEEE 802.11ac Channel 134 40MHz Antenna 2



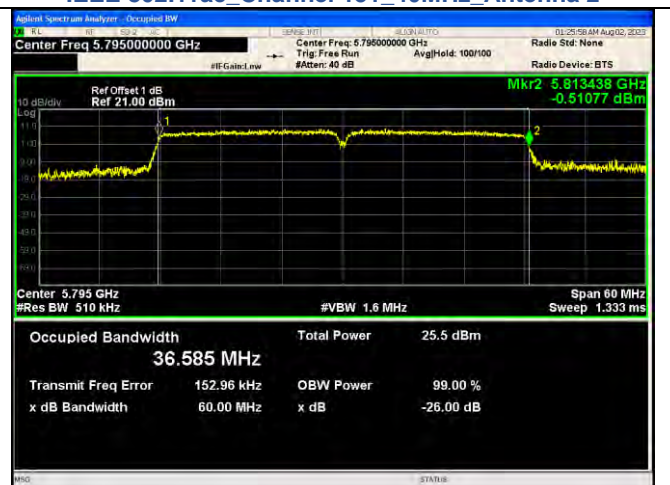
IEEE 802.11ac Channel 151 40MHz Antenna 1



IEEE 802.11ac Channel 151 40MHz Antenna 2

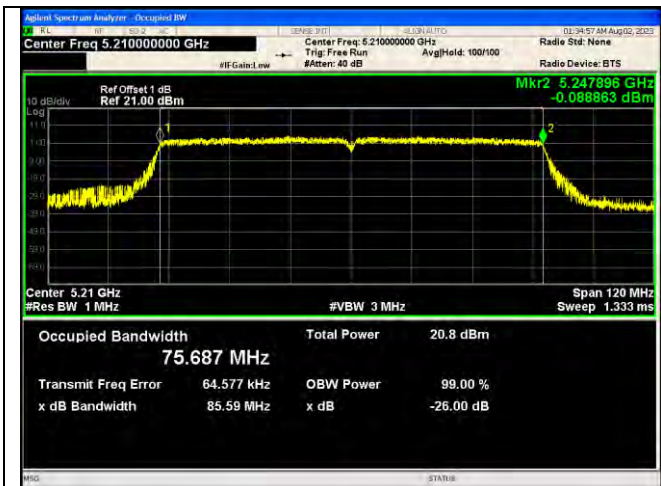


IEEE 802.11ac Channel 159 40MHz Antenna 1

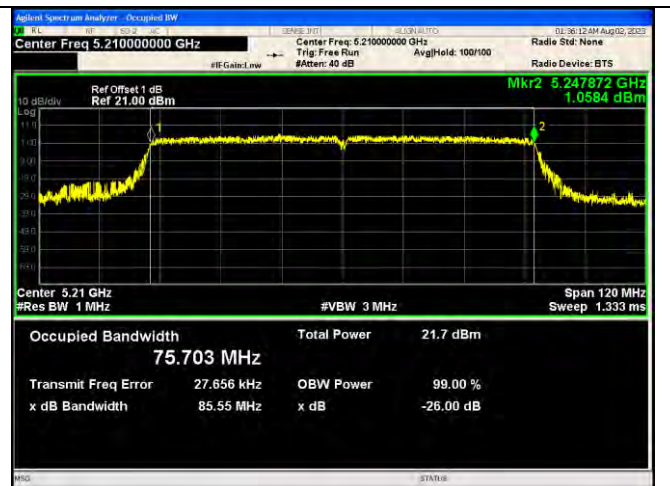


IEEE 802.11ac Channel 159 40MHz Antenna 2

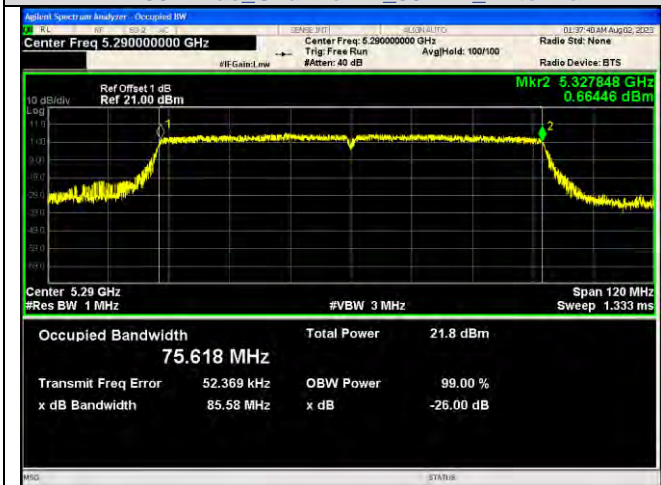




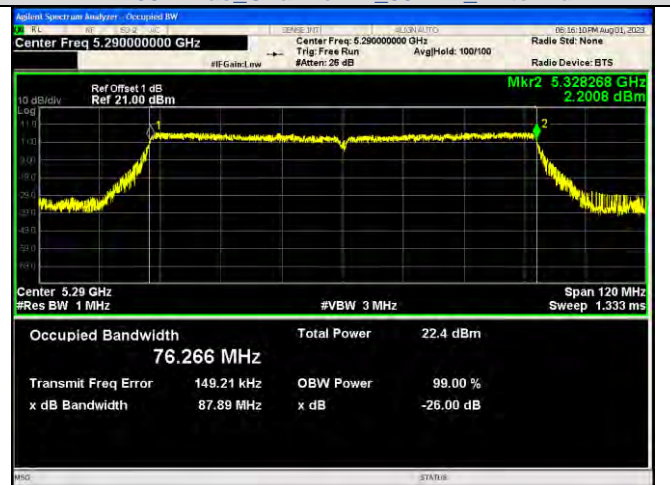
IEEE 802.11ac Channel 42 80MHz Antenna 1



IEEE 802.11ac Channel 42 80MHz Antenna 2



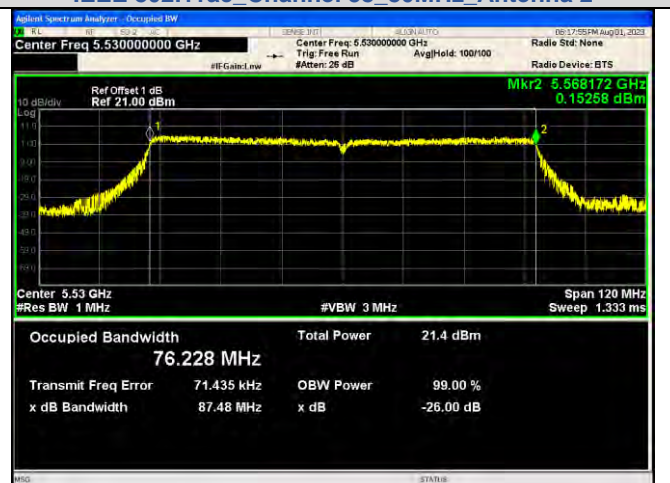
IEEE 802.11ac Channel 58 80MHz Antenna 1



IEEE 802.11ac Channel 58 80MHz Antenna 2

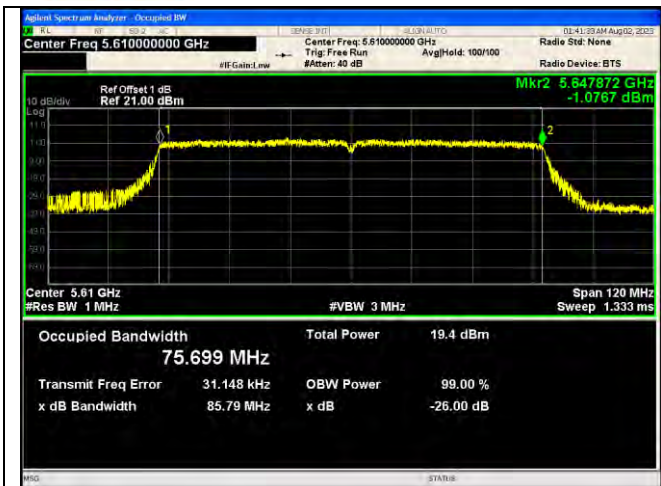


IEEE 802.11ac Channel 106 80MHz Antenna 1



IEEE 802.11ac Channel 106 80MHz Antenna 2





IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 2



IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 1



IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 2





### 3.5. Peak Output Power

**Limit**

**FCC CFR Title 47 Part 15 Subpart E Section 15.407(a)**

Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	Fixed: 1 Watt (30dBm) Mobile and Portable: 250mW (24dBm)	5150~5250
	250mW (24dBm)	5250~5350
	250mW (24dBm)	5500~5700
	1 Watt (30dBm)	5725~5850

**RSS-247 6.2**

IC Power&PSD Limit					
Frequency	Type of devices	Maximum Conducted Output Power	EIRP Output Power	Conducted Power Spectral Density	EIRP Power Spectral Density
5150MHz-5250MHz	in vehicles		30mW or $1.76 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)		
	Other Devices		200mW or $10 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)		10dBm/MHz
5250MHz-5350MHz	in vehicles		30mW or $1.76 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)		
	Other Devices	250mW or $11 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)	1W or $17 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)	11dBm/MHz	
5470MHz-5600MHz 5650MHz-5725MHz	ALL Devices	250mW or $11 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)	1W or $17 + 10 \times \log_{10}B$ dBm, whichever is less (B=99% OBW in MHz)	11dBm/MHz	
5725MHz-5850MHz	ALL Devices	1W		30dBm/500KHz	

**Test Configuration**

