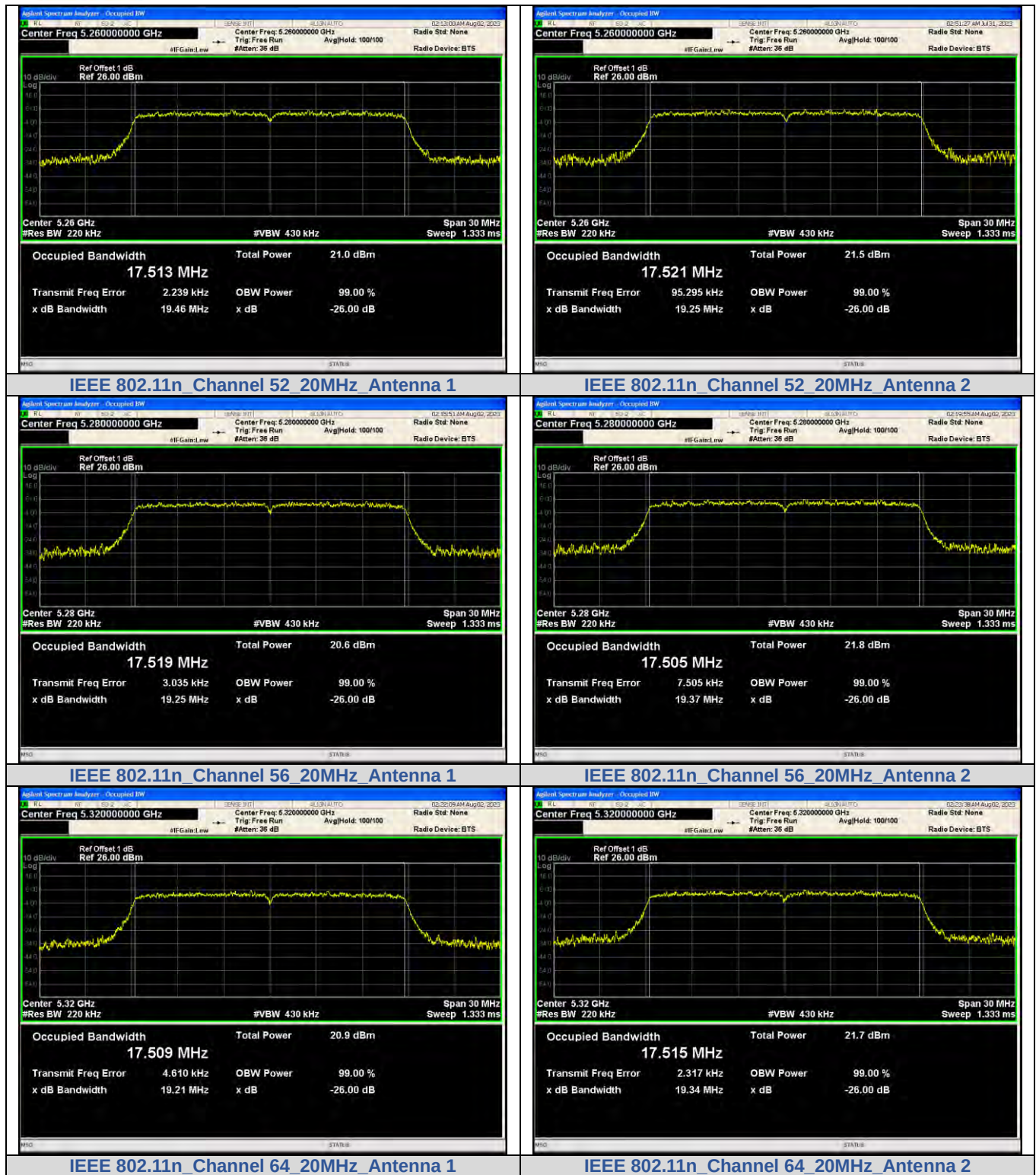
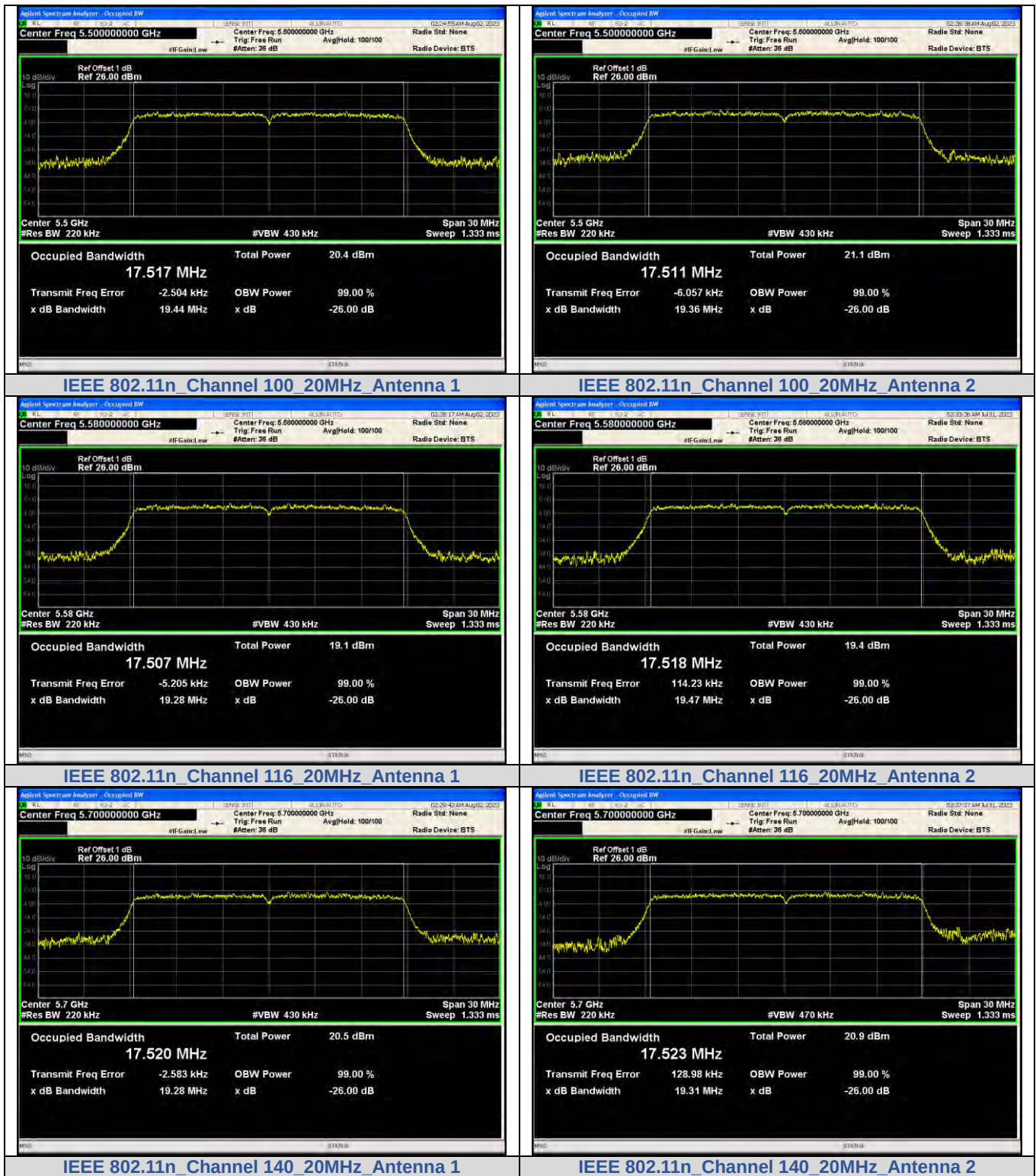
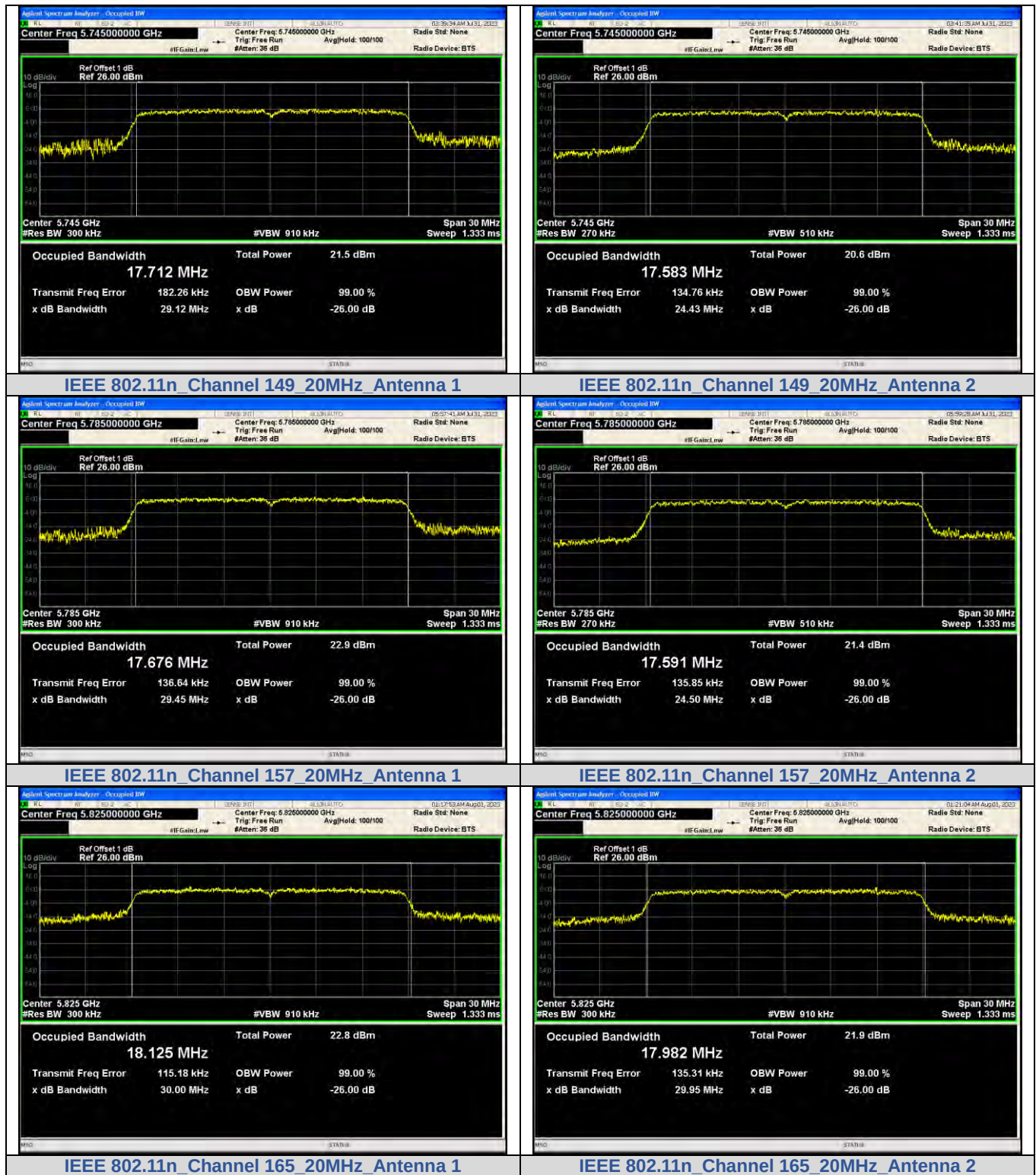
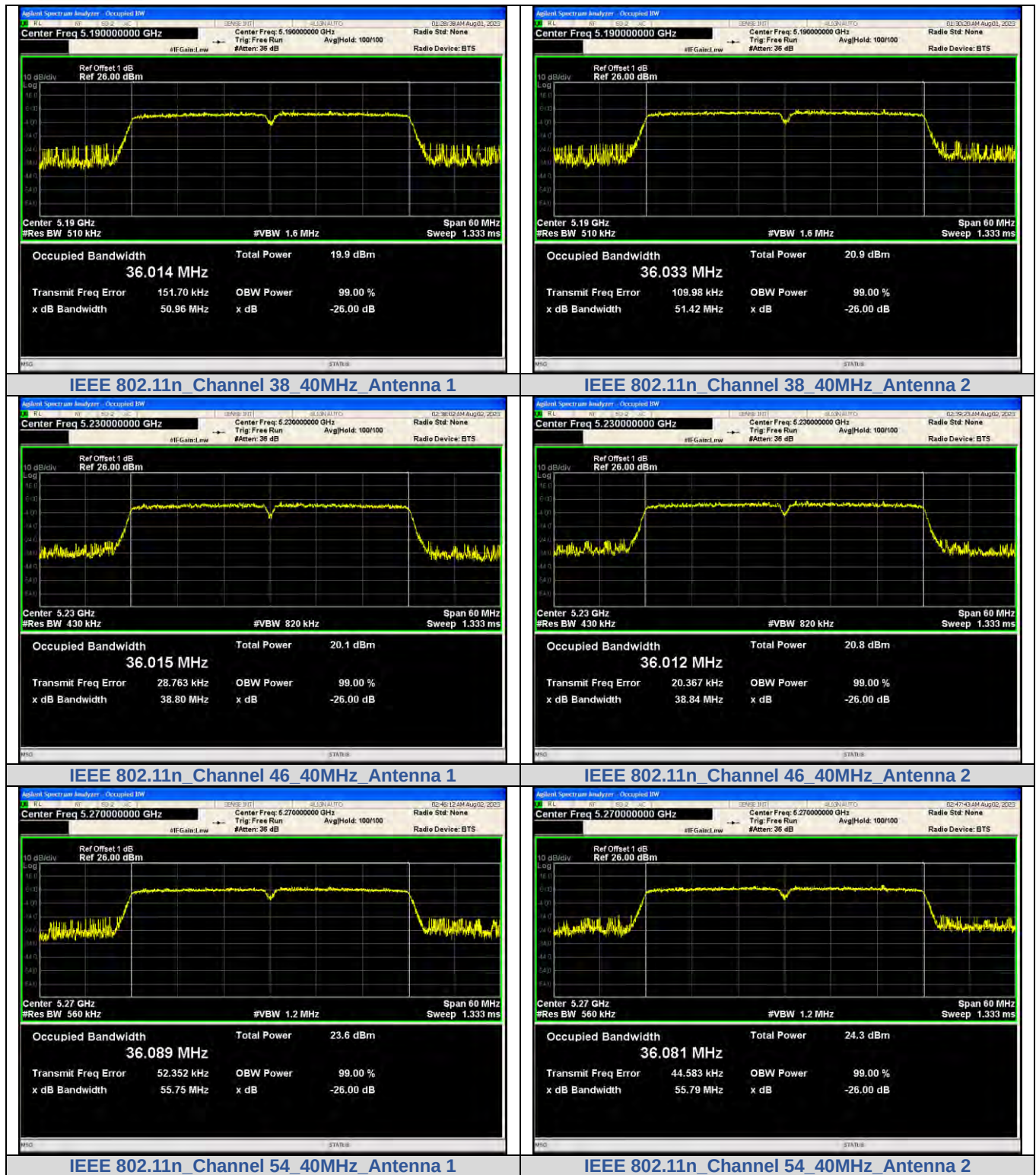
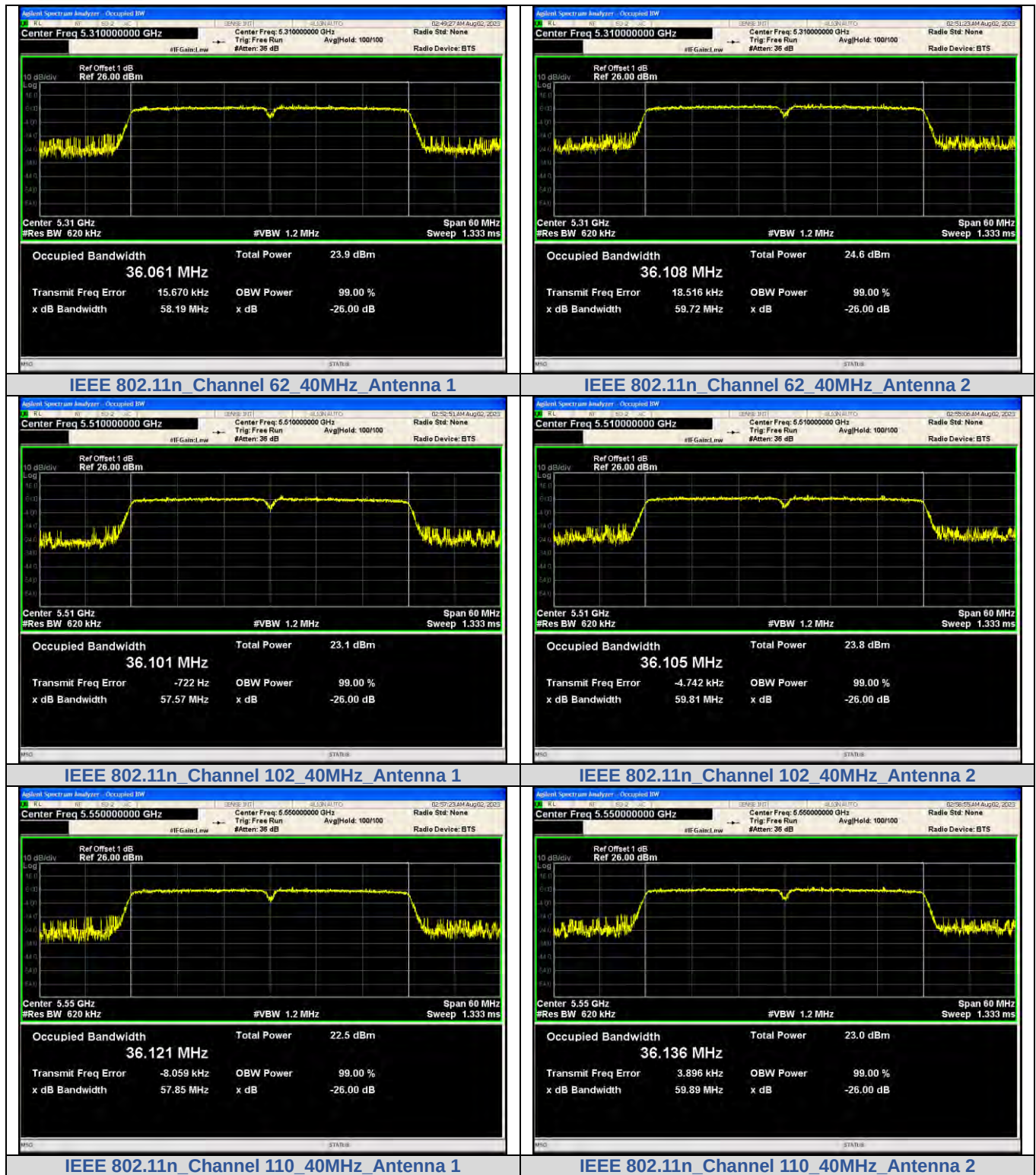


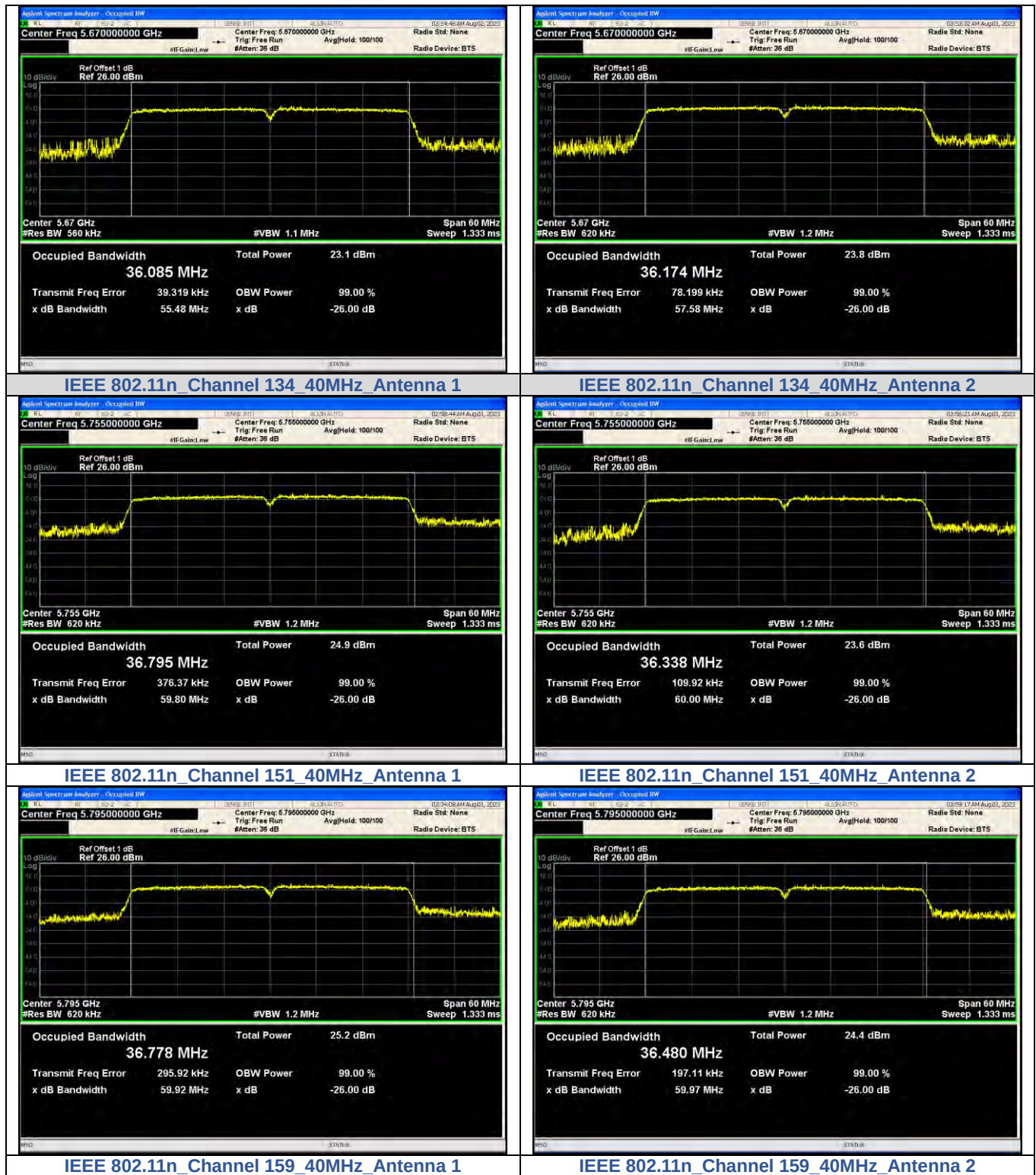


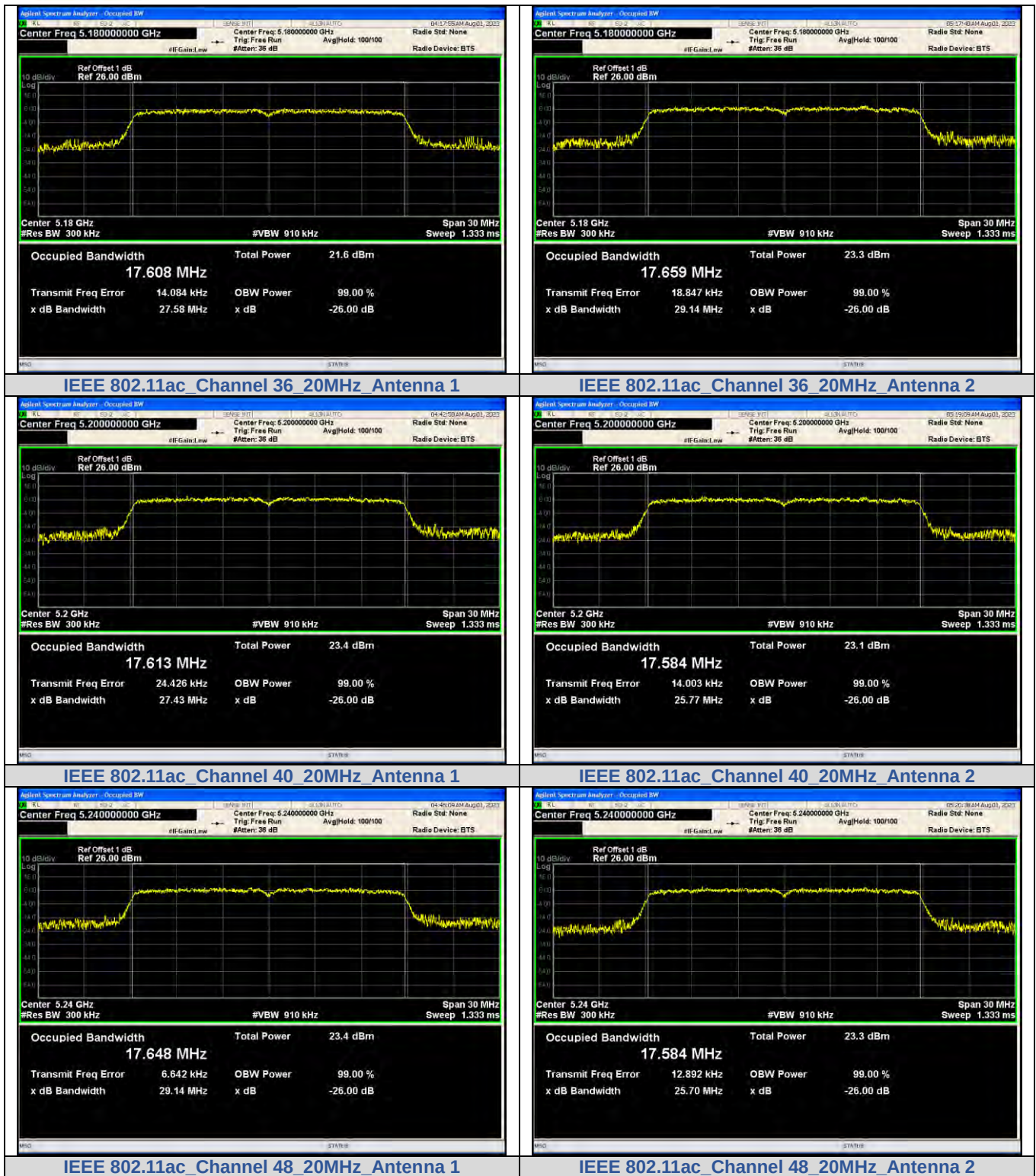


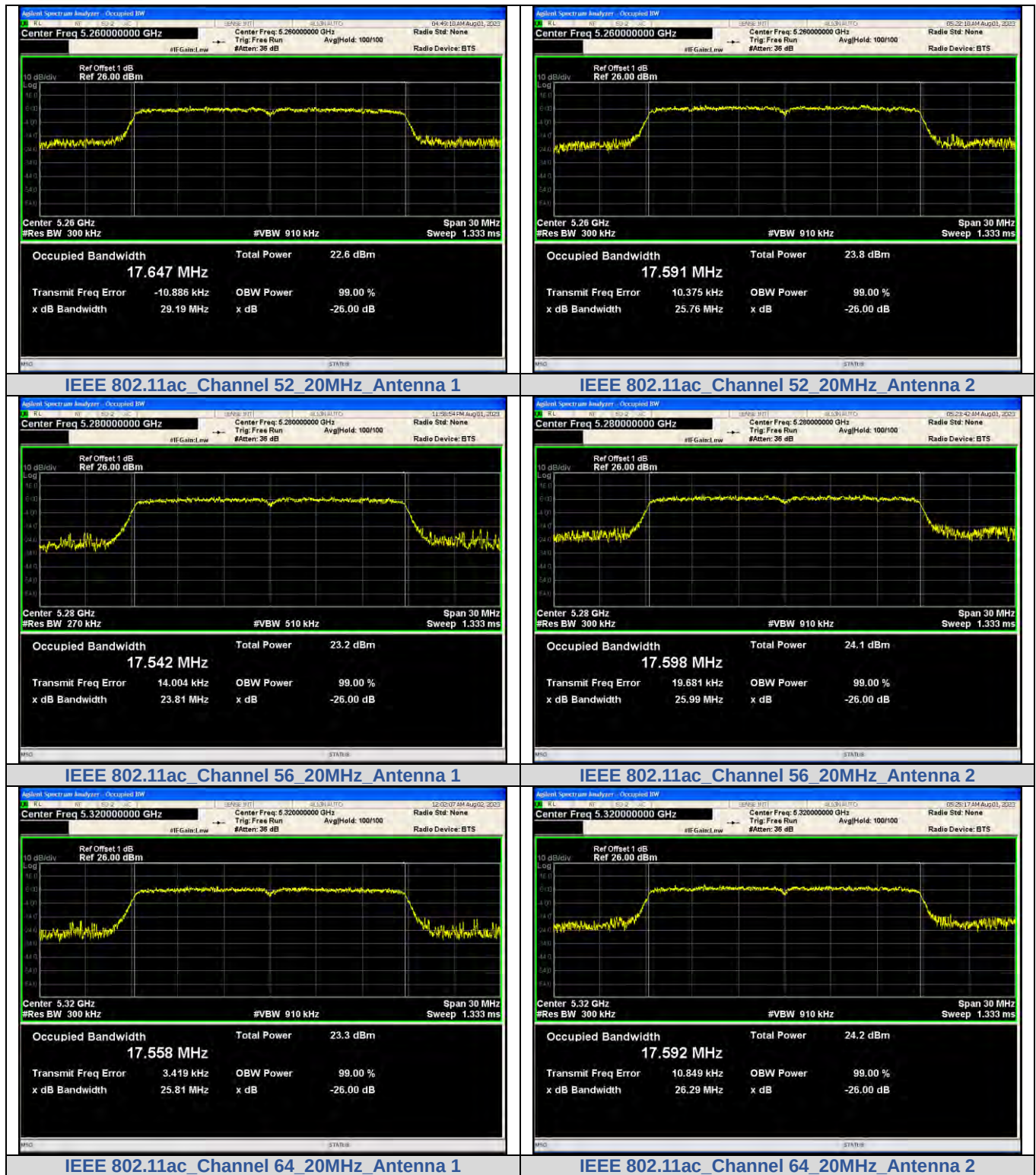


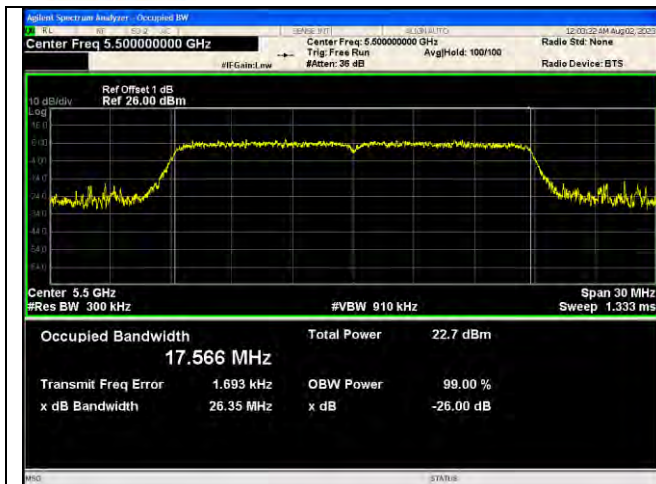




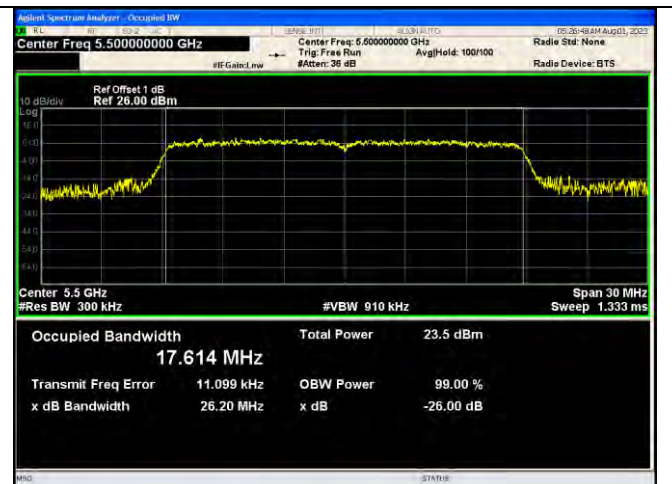




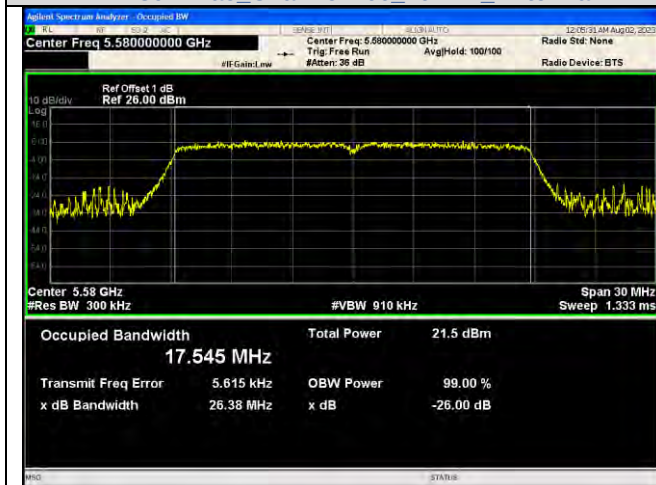




IEEE 802.11ac Channel 100 20MHz Antenna 1



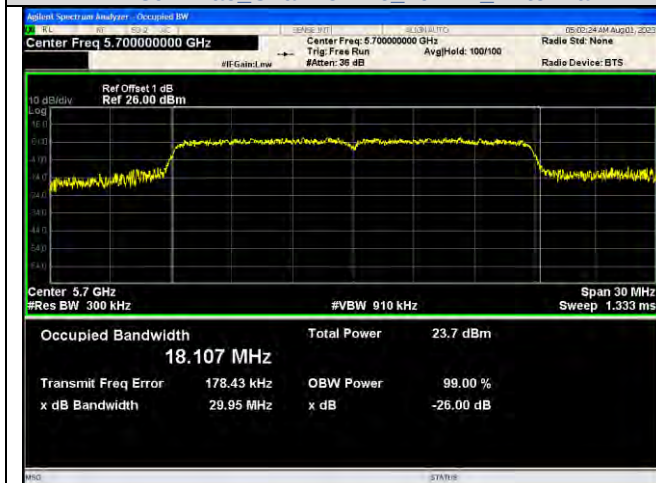
IEEE 802.11ac Channel 100 20MHz Antenna 2



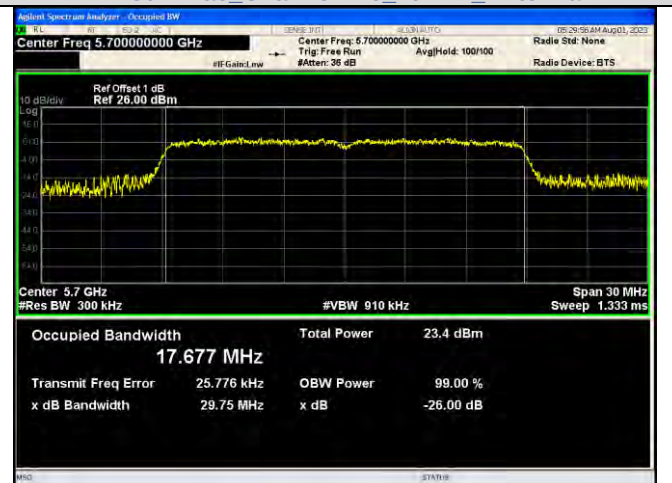
IEEE 802.11ac Channel 100 20MHz Antenna 1



IEEE 802.11ac Channel 100 20MHz Antenna 2



IEEE 802.11ac Channel 116 20MHz Antenna 1



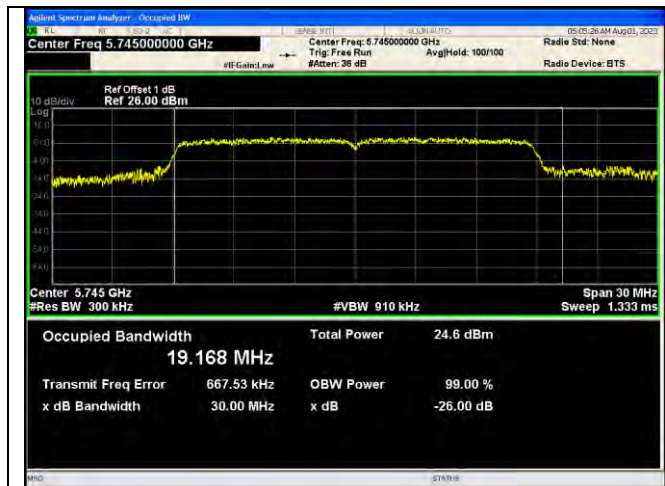
IEEE 802.11ac Channel 116 20MHz Antenna 2



IEEE 802.11ac Channel 140 20MHz Antenna 1



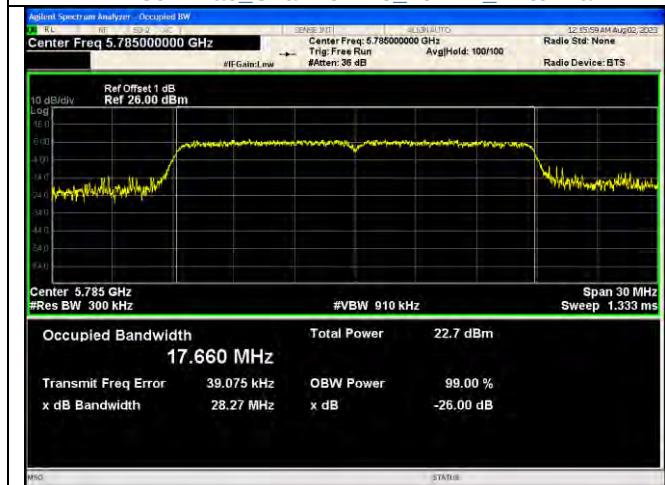
IEEE 802.11ac Channel 140 20MHz Antenna 2



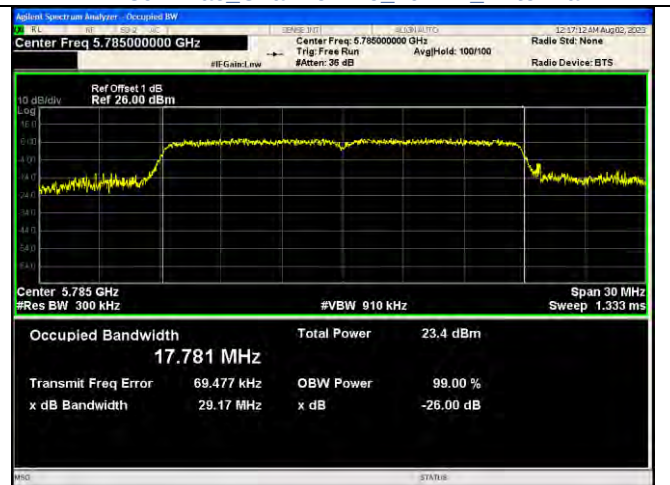
IEEE 802.11ac Channel 149 20MHz Antenna 1



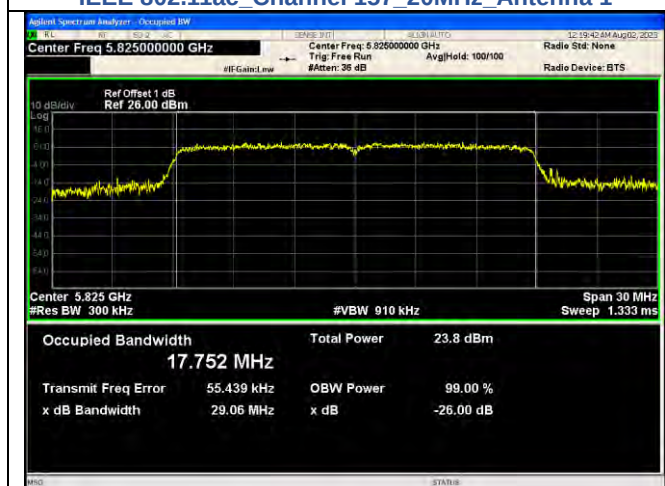
IEEE 802.11ac Channel 149 20MHz Antenna 2



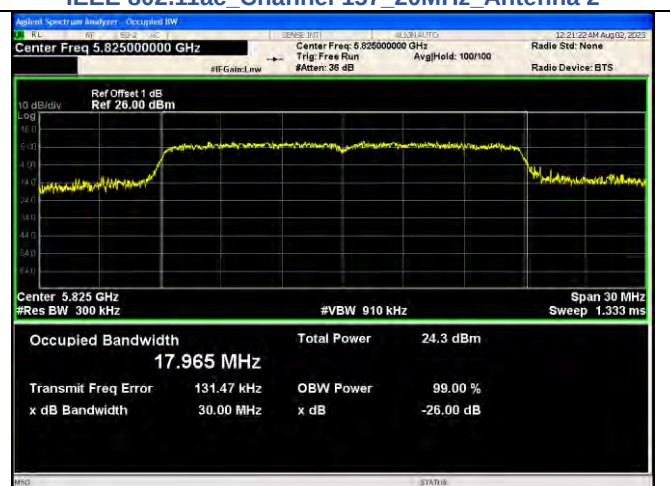
IEEE 802.11ac Channel 157 20MHz Antenna 1



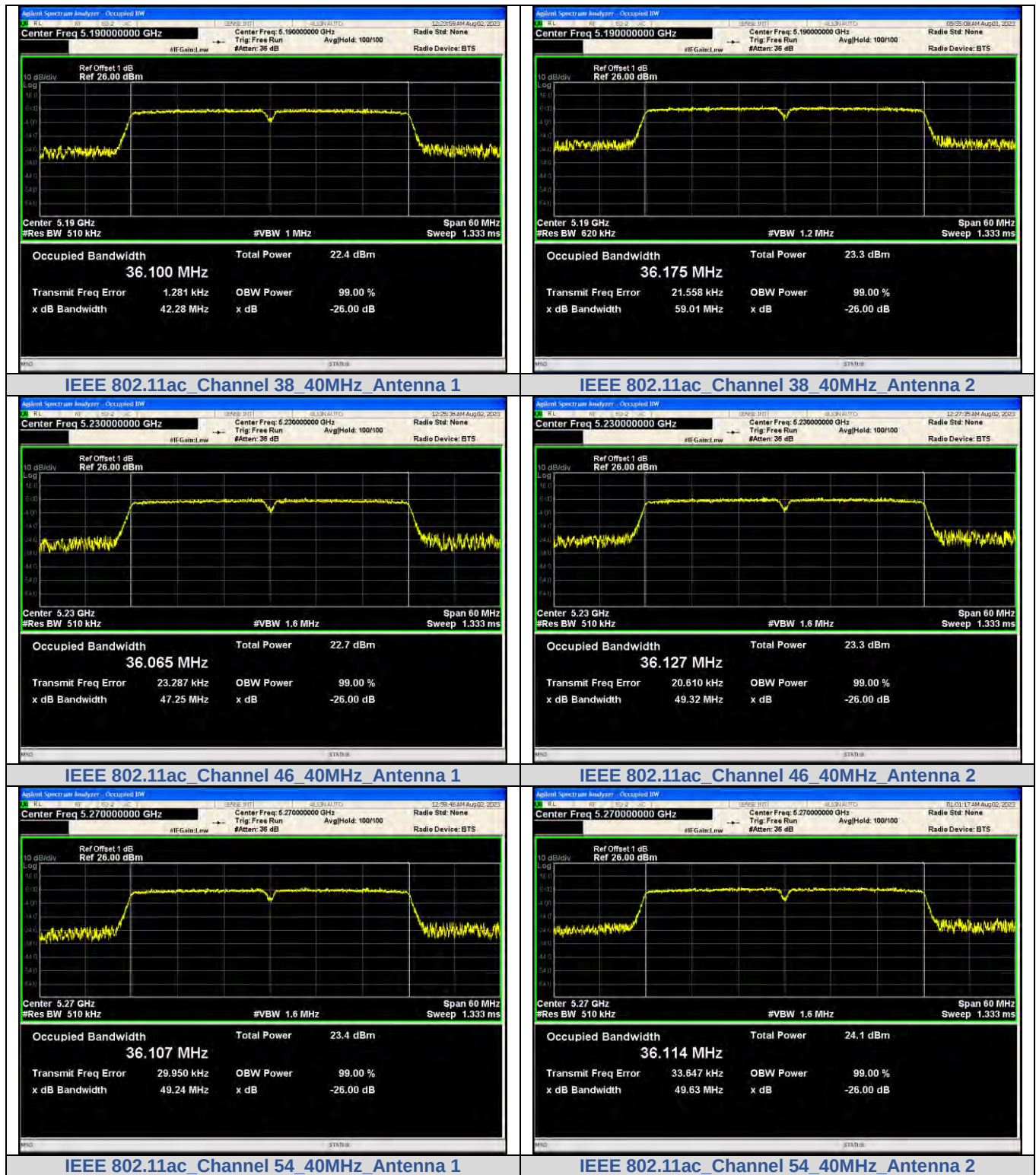
IEEE 802.11ac Channel 157 20MHz Antenna 2

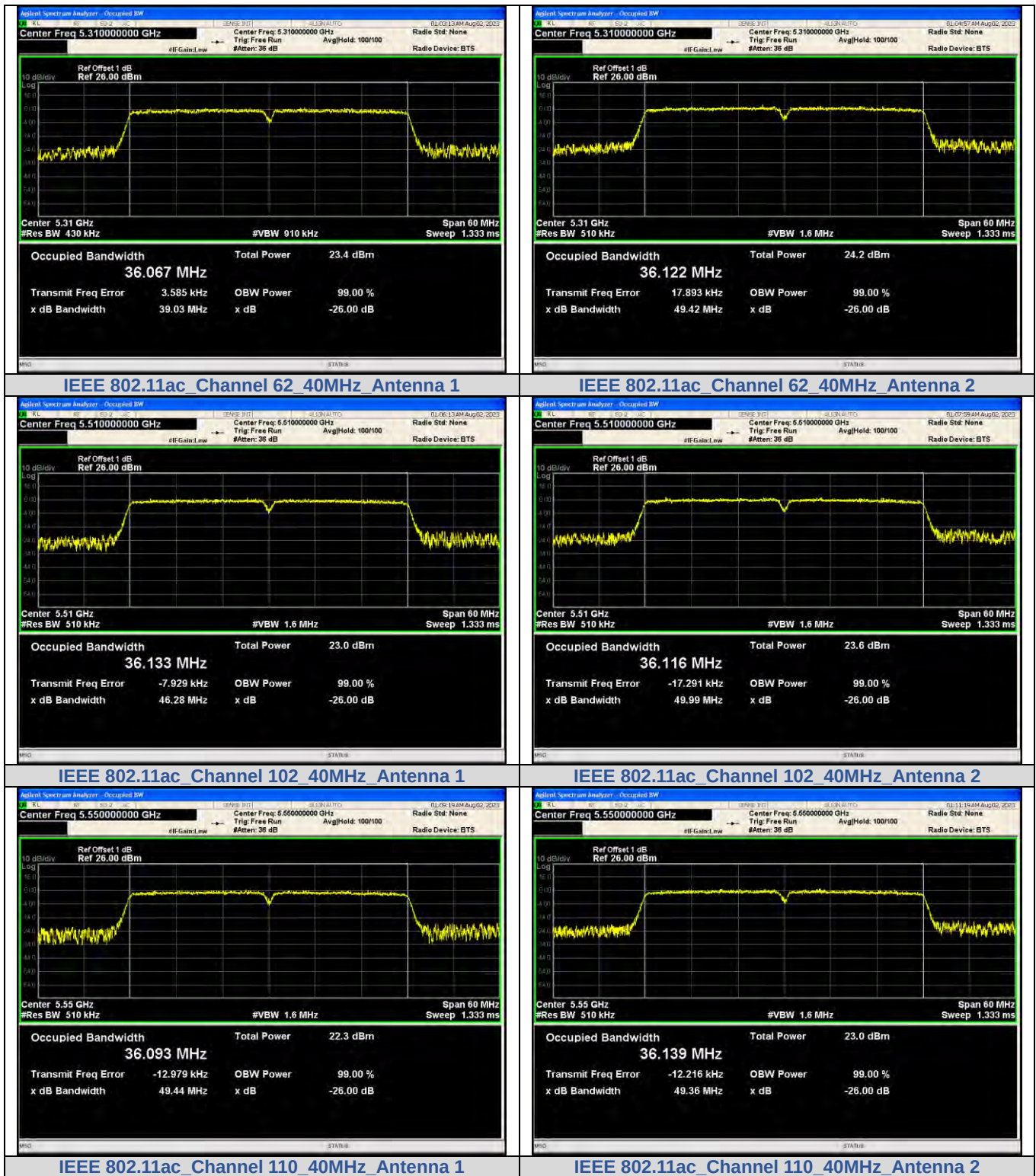


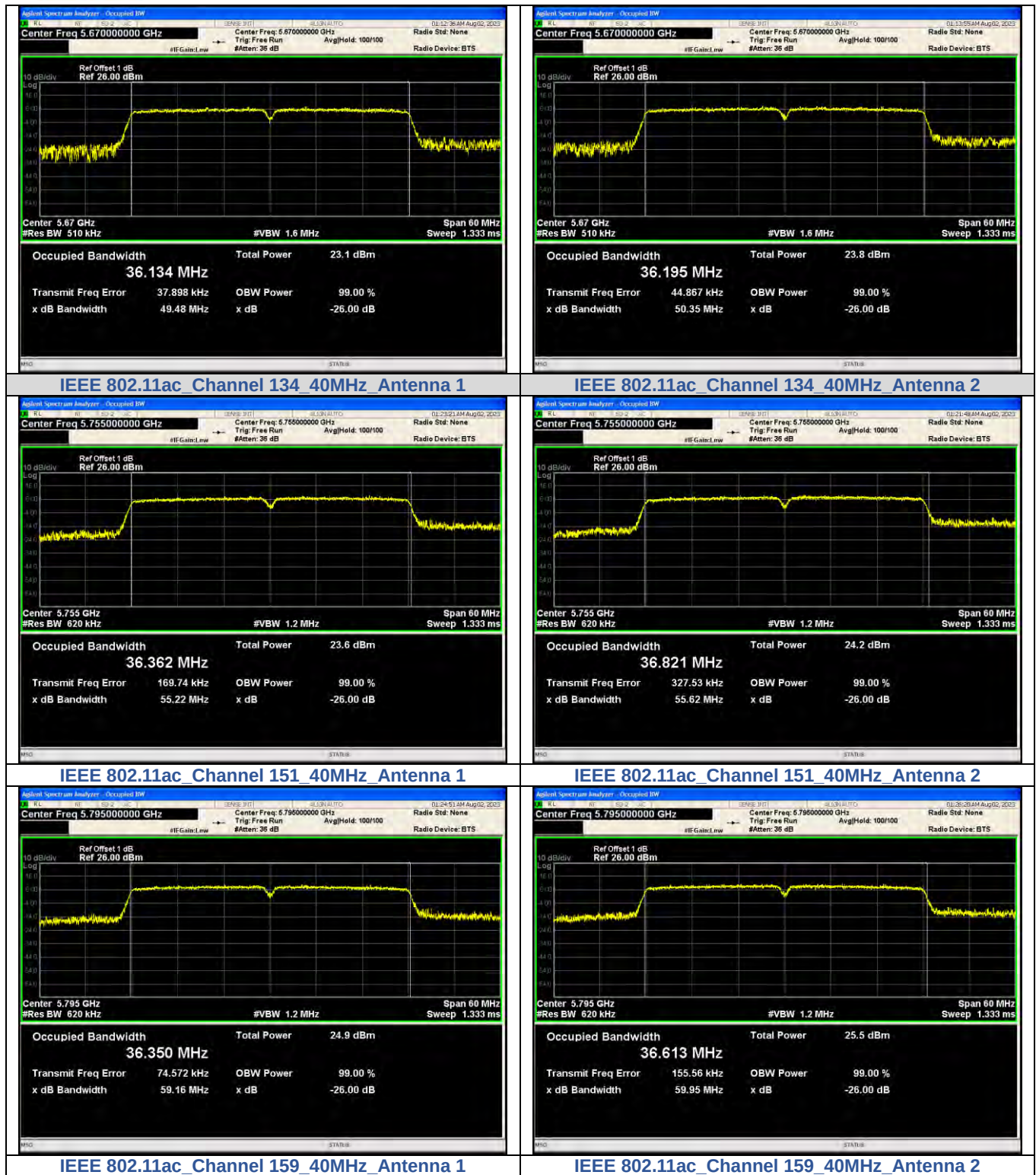
IEEE 802.11ac Channel 165 20MHz Antenna 1

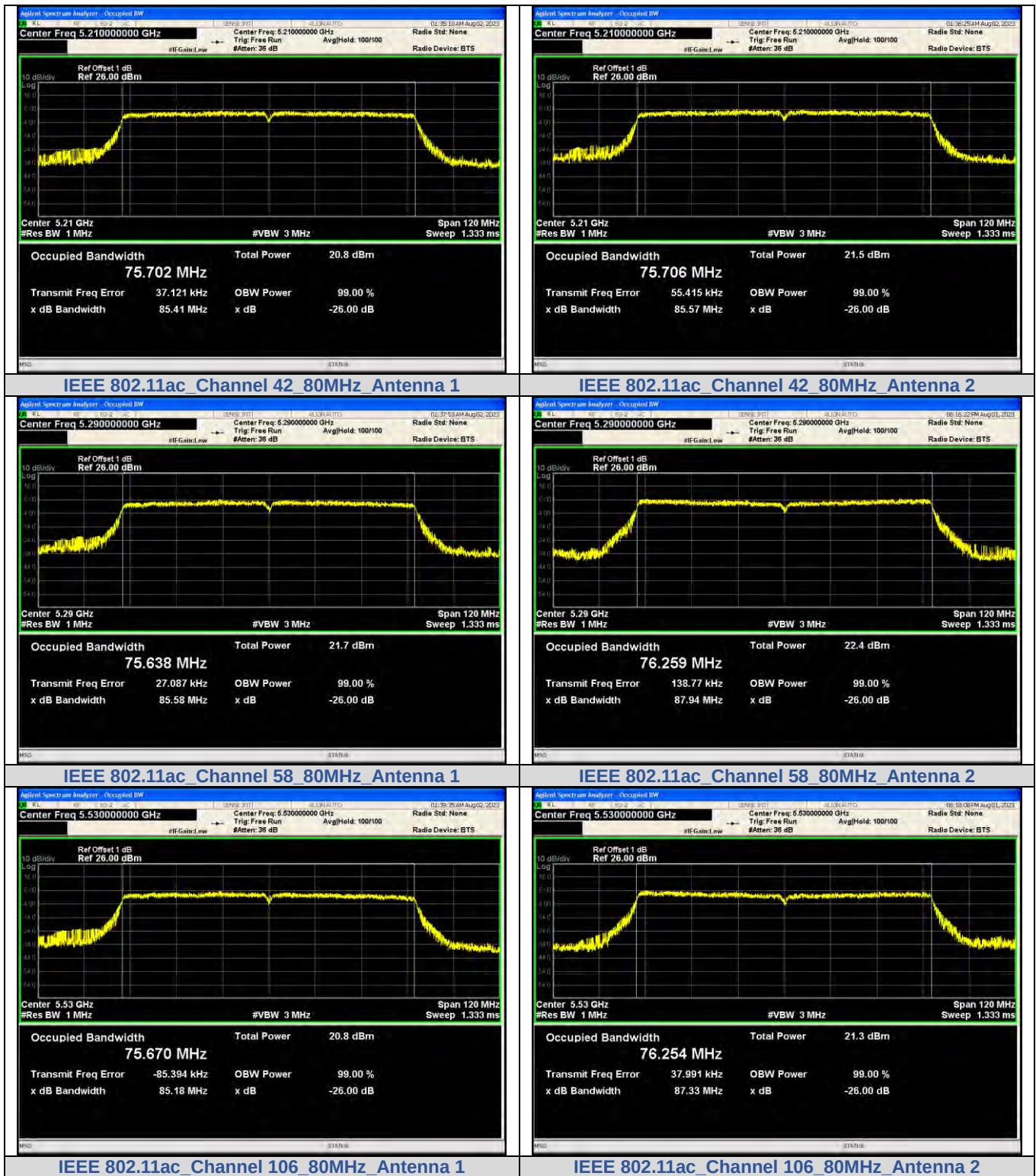


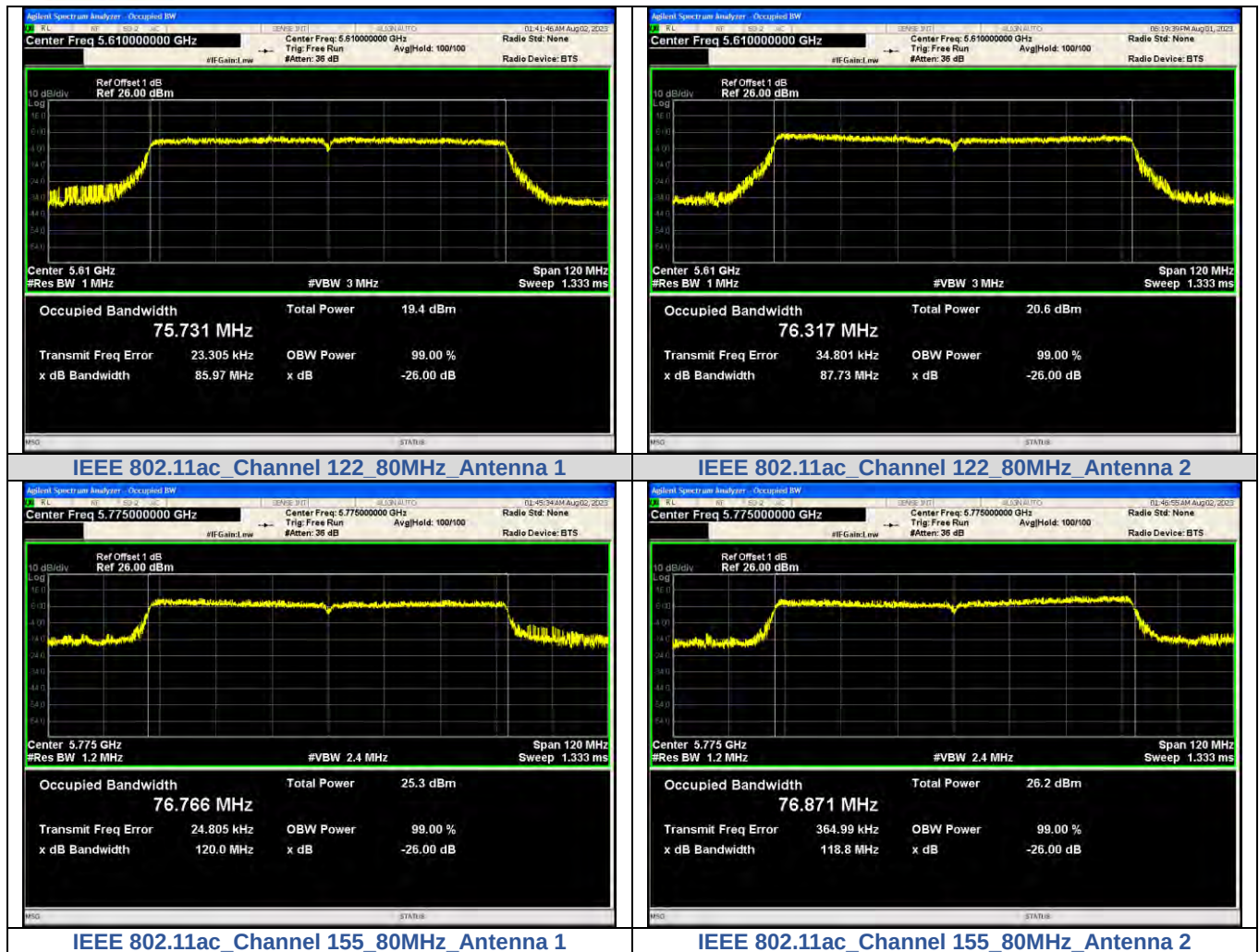
IEEE 802.11ac Channel 165 20MHz Antenna 2





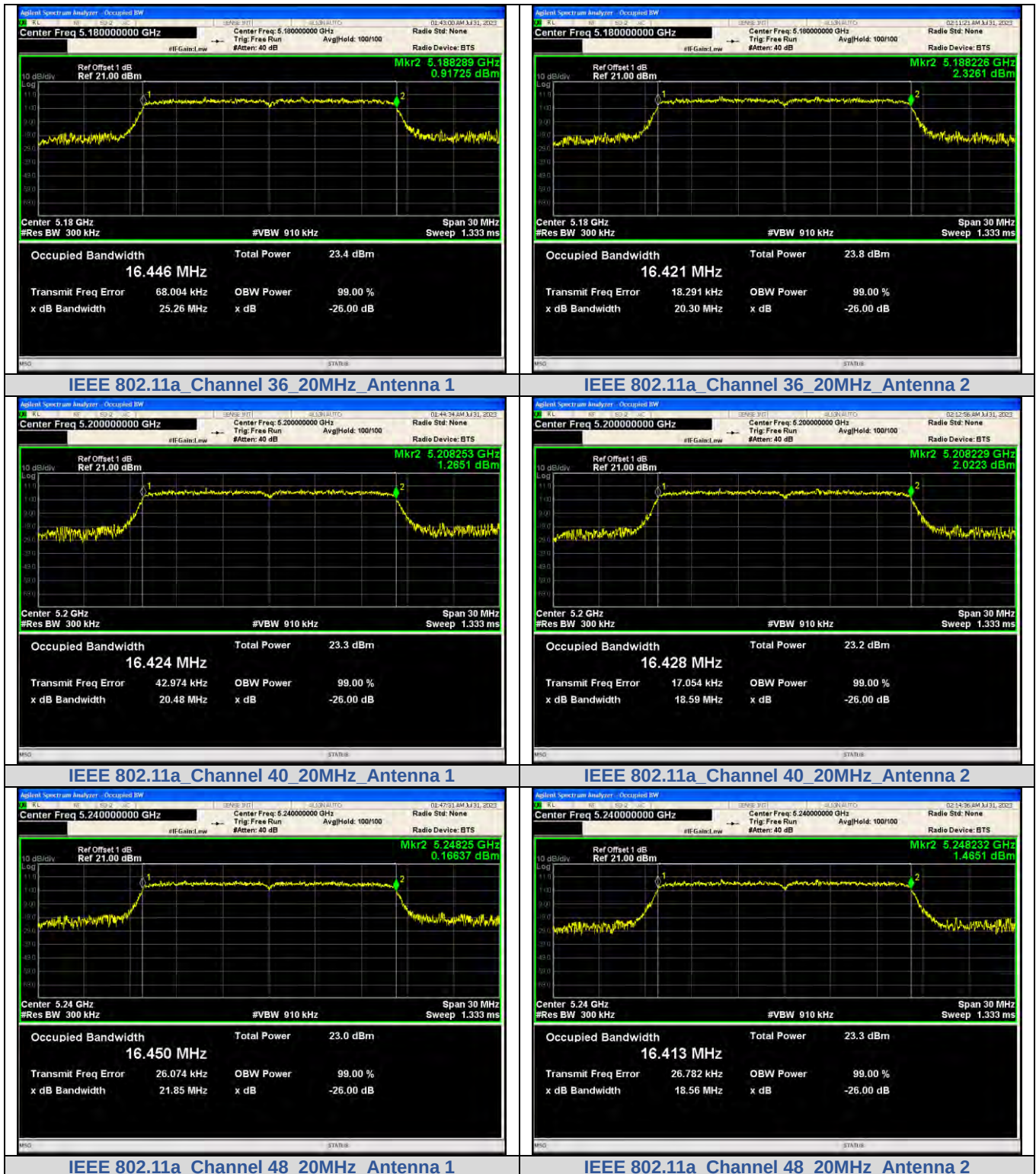






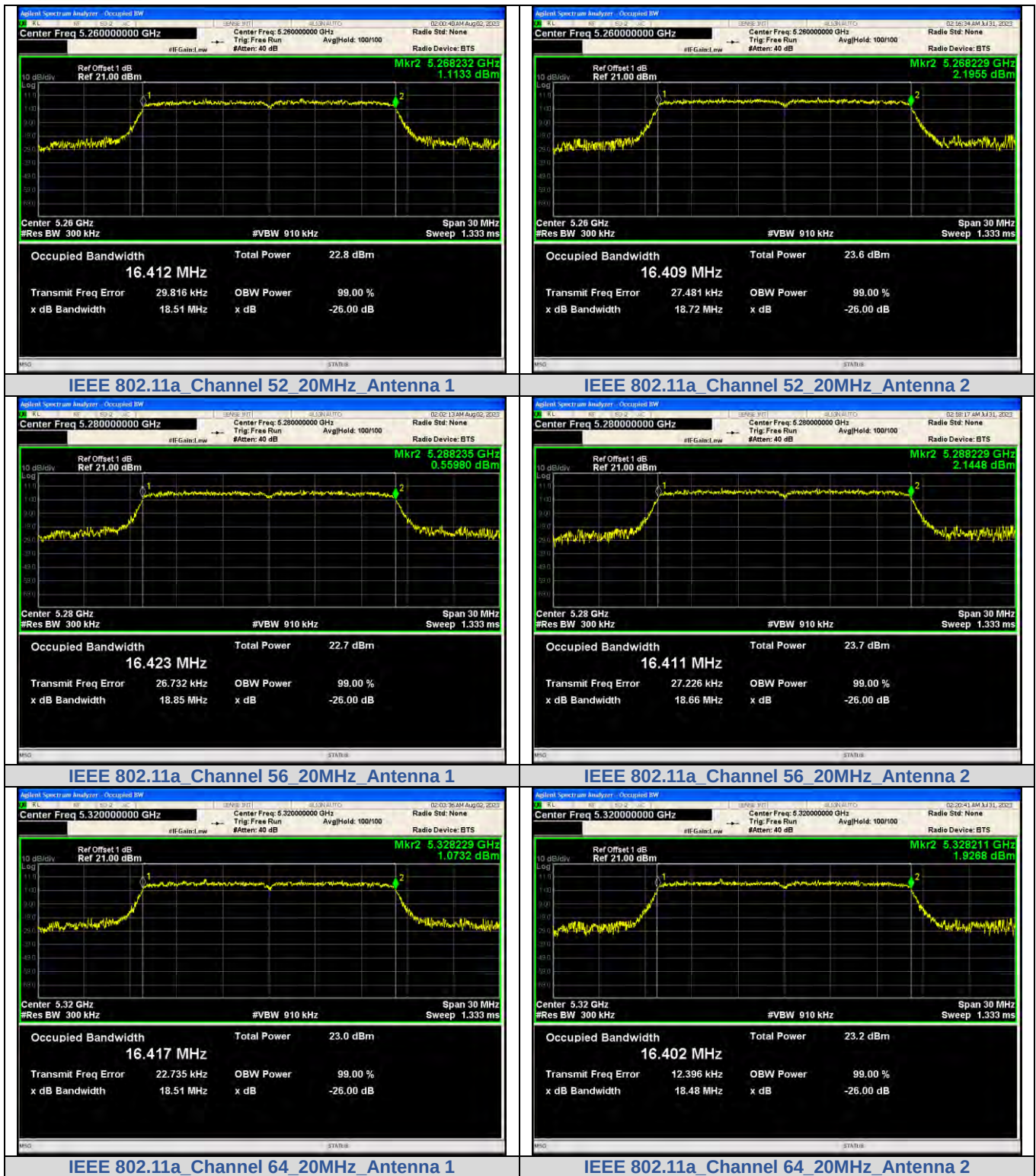


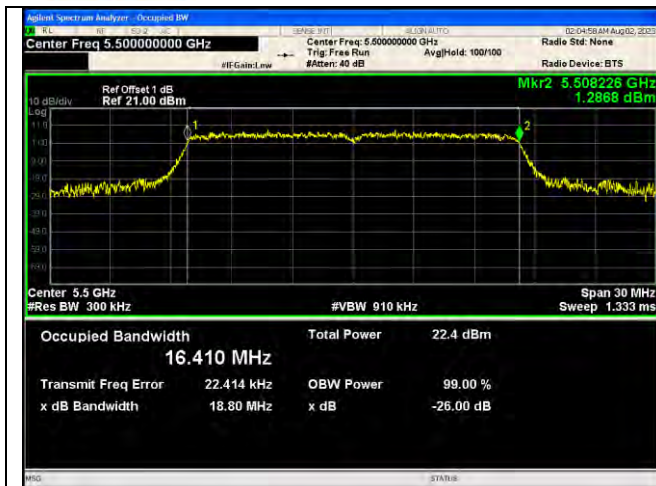
99% Bandwidth:



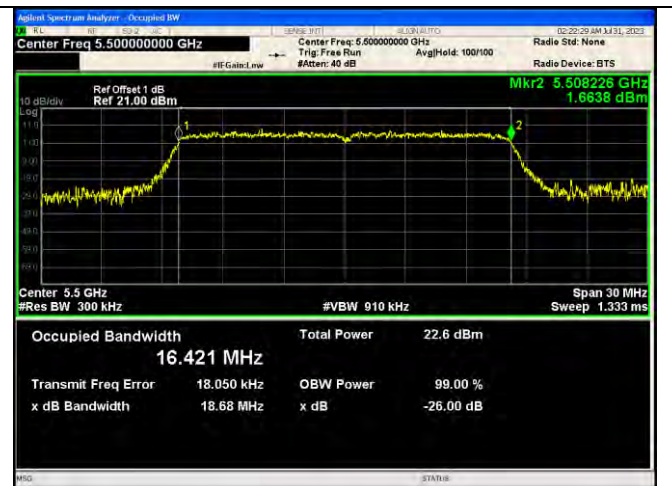
CTC Laboratories, Inc.

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

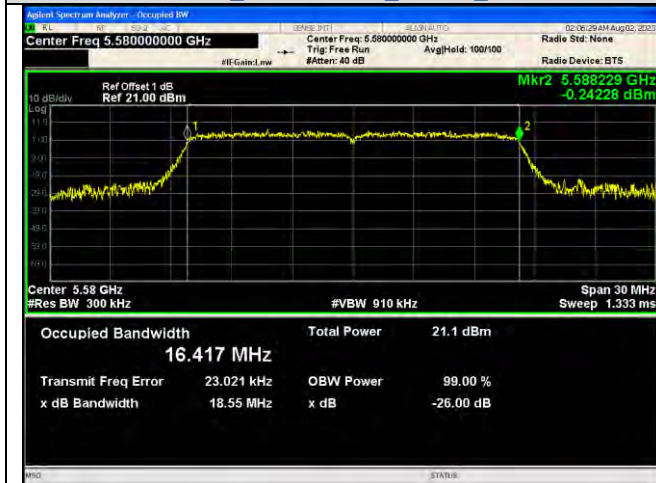




IEEE 802.11a Channel 100 20MHz Antenna 1



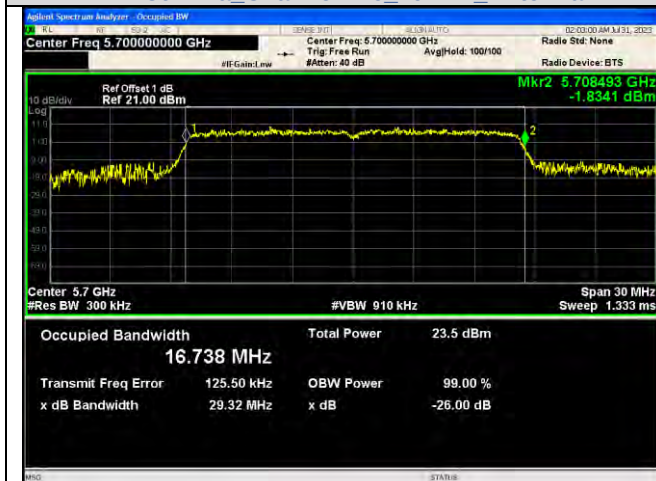
IEEE 802.11a Channel 100 20MHz Antenna 2



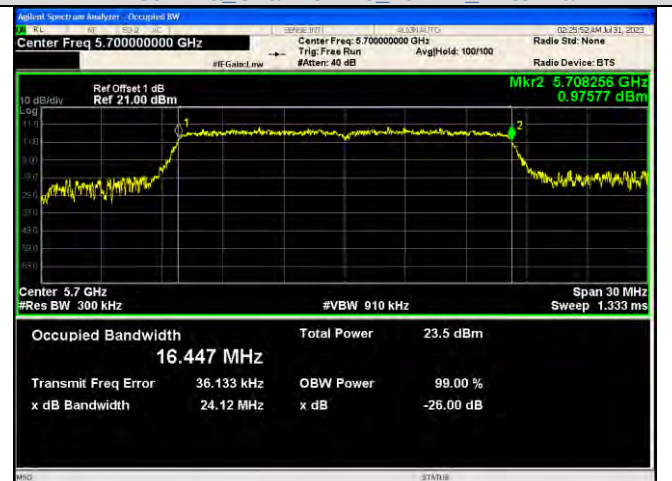
IEEE 802.11a Channel 116 20MHz Antenna 1



IEEE 802.11a Channel 116 20MHz Antenna 2



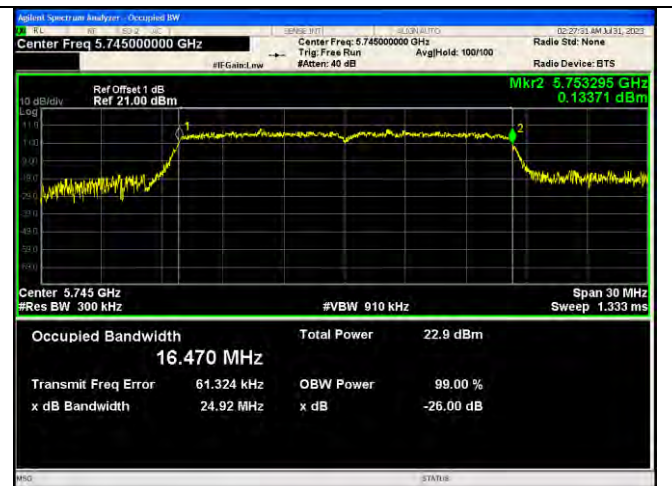
IEEE 802.11a Channel 140 20MHz Antenna 1



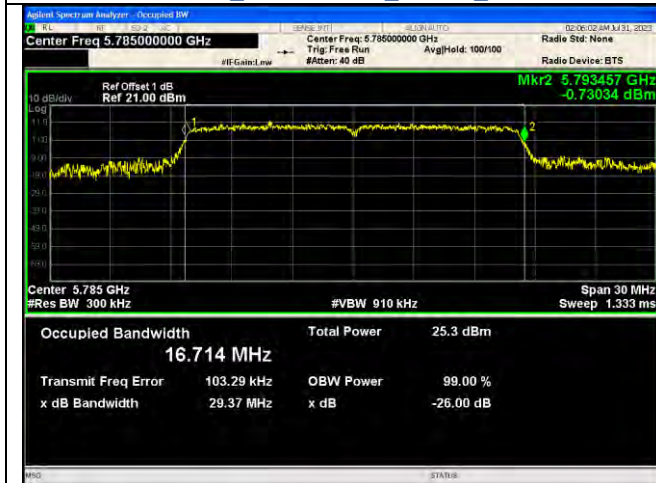
IEEE 802.11a Channel 140 20MHz Antenna 2



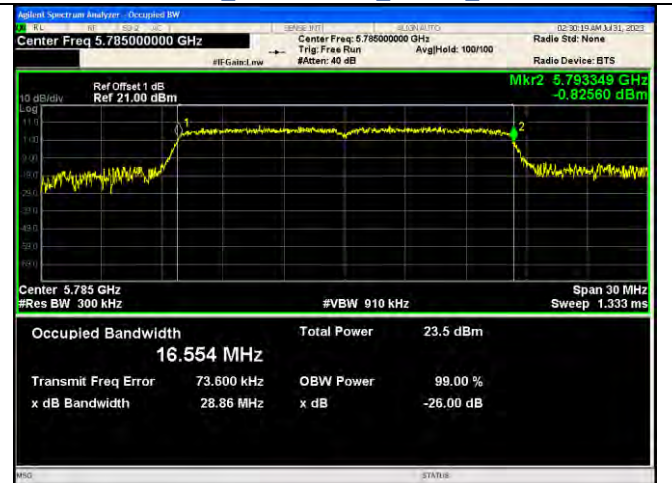
IEEE 802.11a Channel 149 20MHz Antenna 1



IEEE 802.11a Channel 149 20MHz Antenna 2



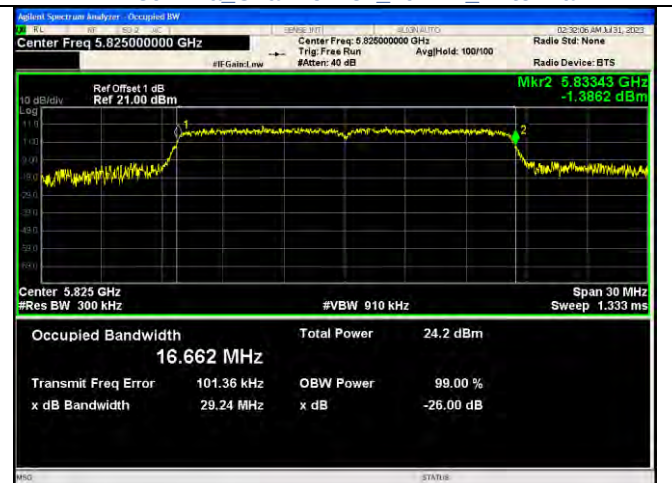
IEEE 802.11a Channel 157 20MHz Antenna 1



IEEE 802.11a Channel 157 20MHz Antenna 2



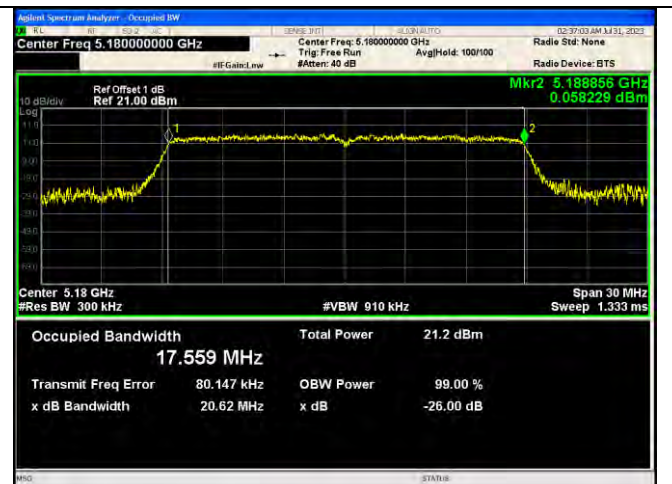
IEEE 802.11a Channel 165 20MHz Antenna 1



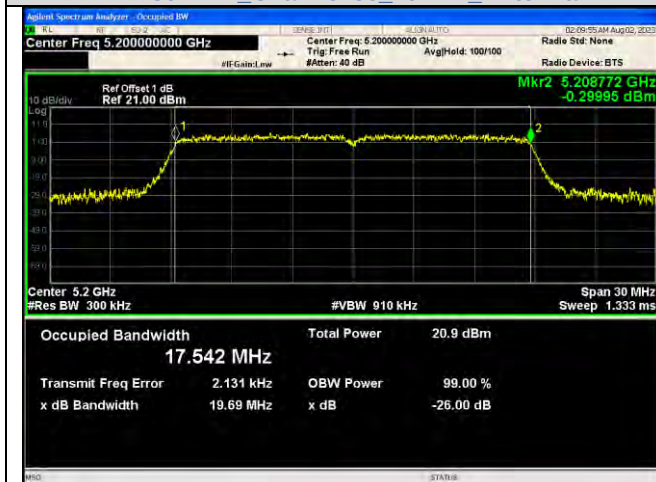
IEEE 802.11a Channel 165 20MHz Antenna 2



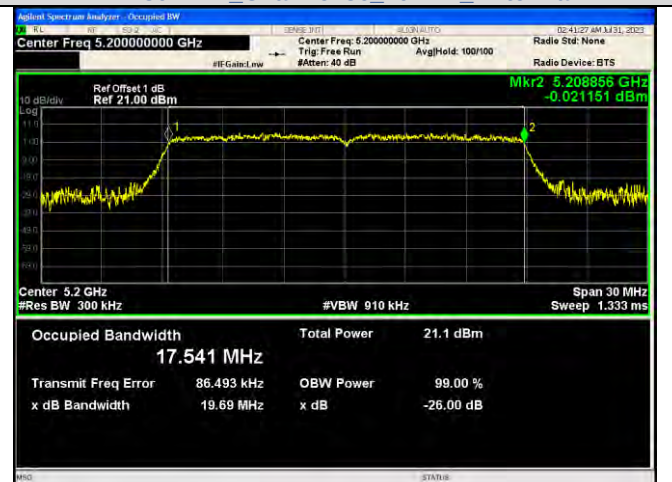
IEEE 802.11n Channel 36 20MHz_Antenna 1



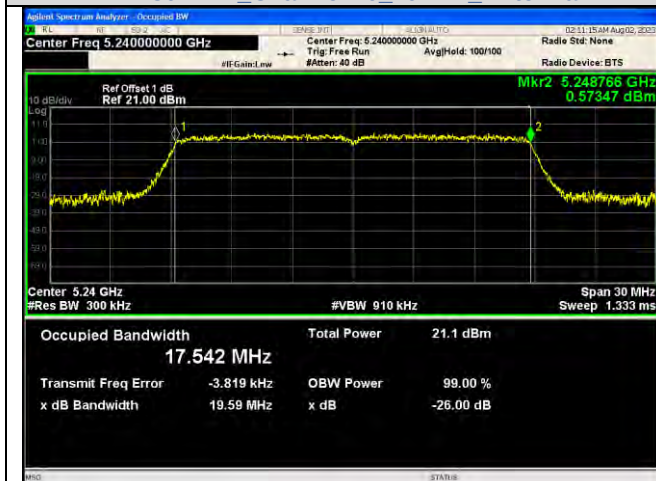
IEEE 802.11n Channel 36 20MHz_Antenna 2



IEEE 802.11n Channel 40 20MHz_Antenna 1



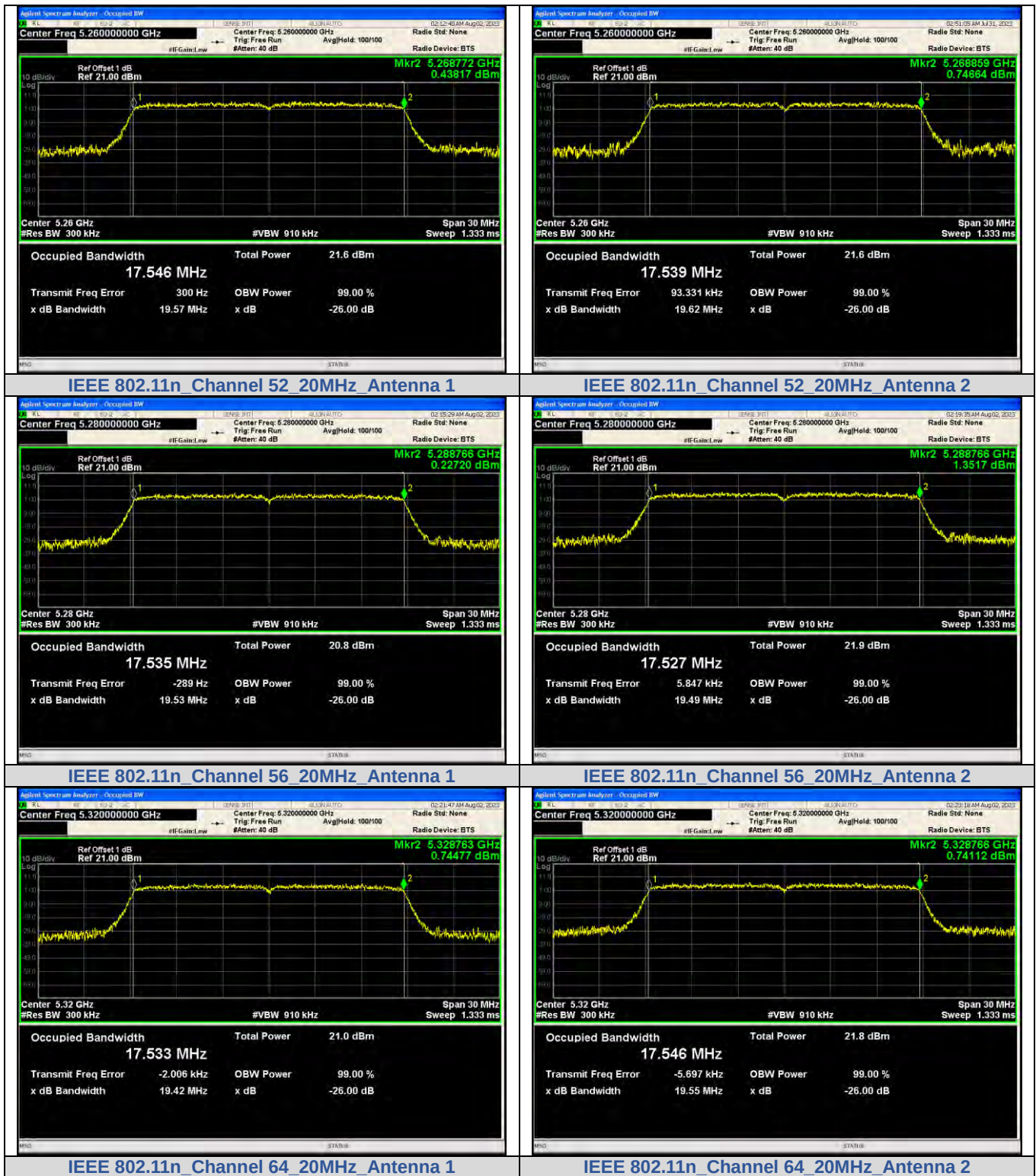
IEEE 802.11n Channel 40 20MHz_Antenna 2

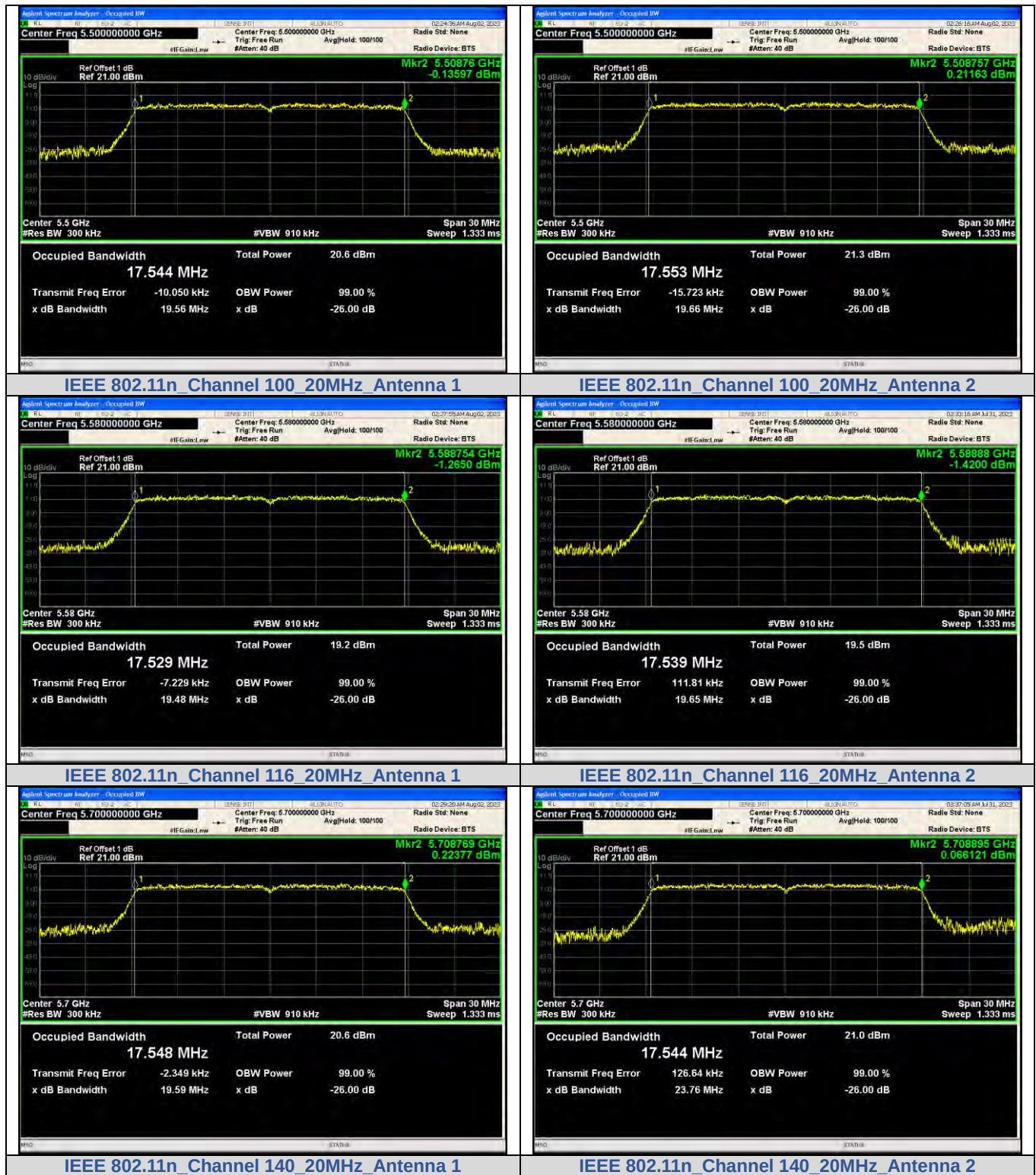


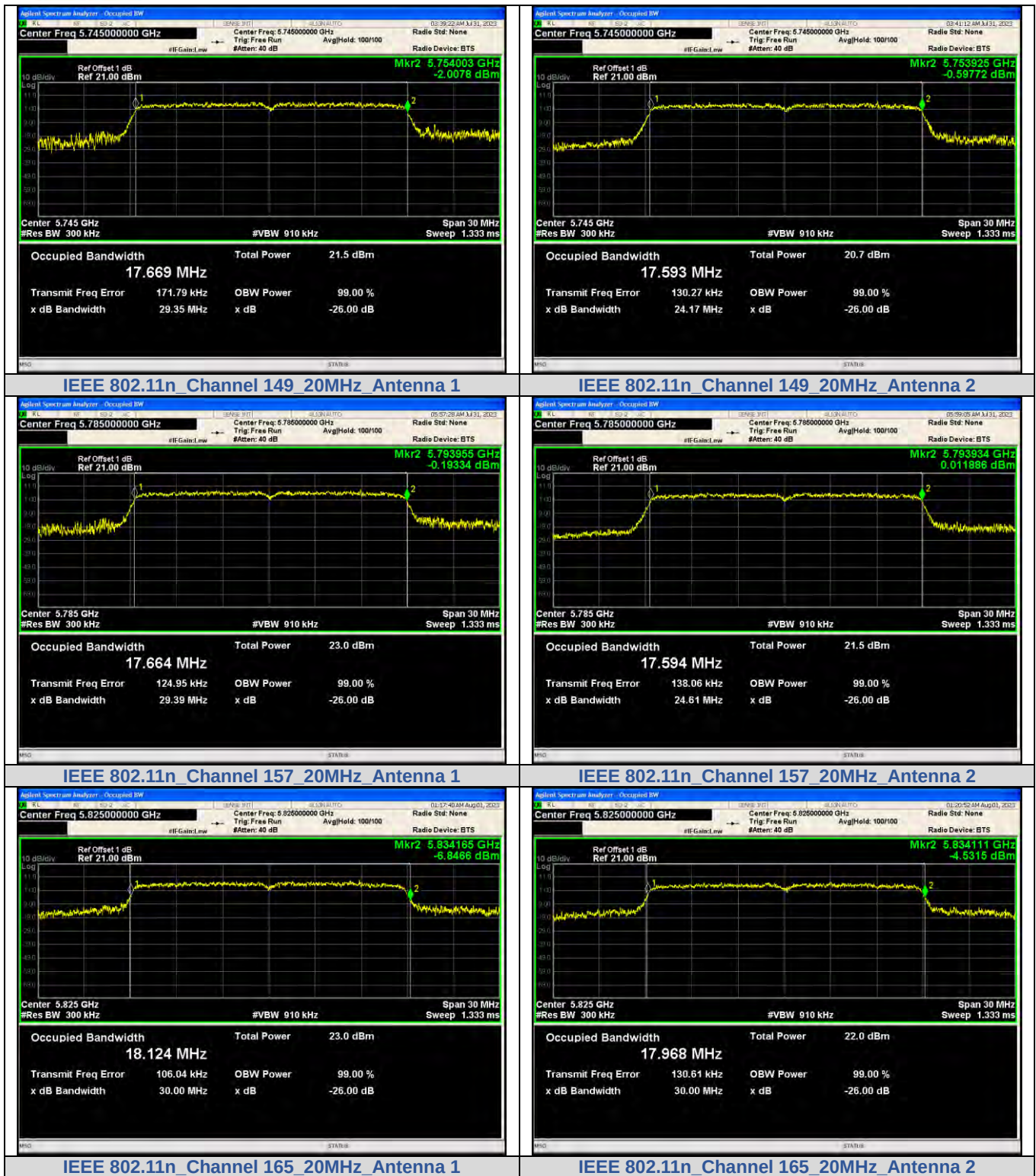
IEEE 802.11n Channel 48 20MHz_Antenna 1

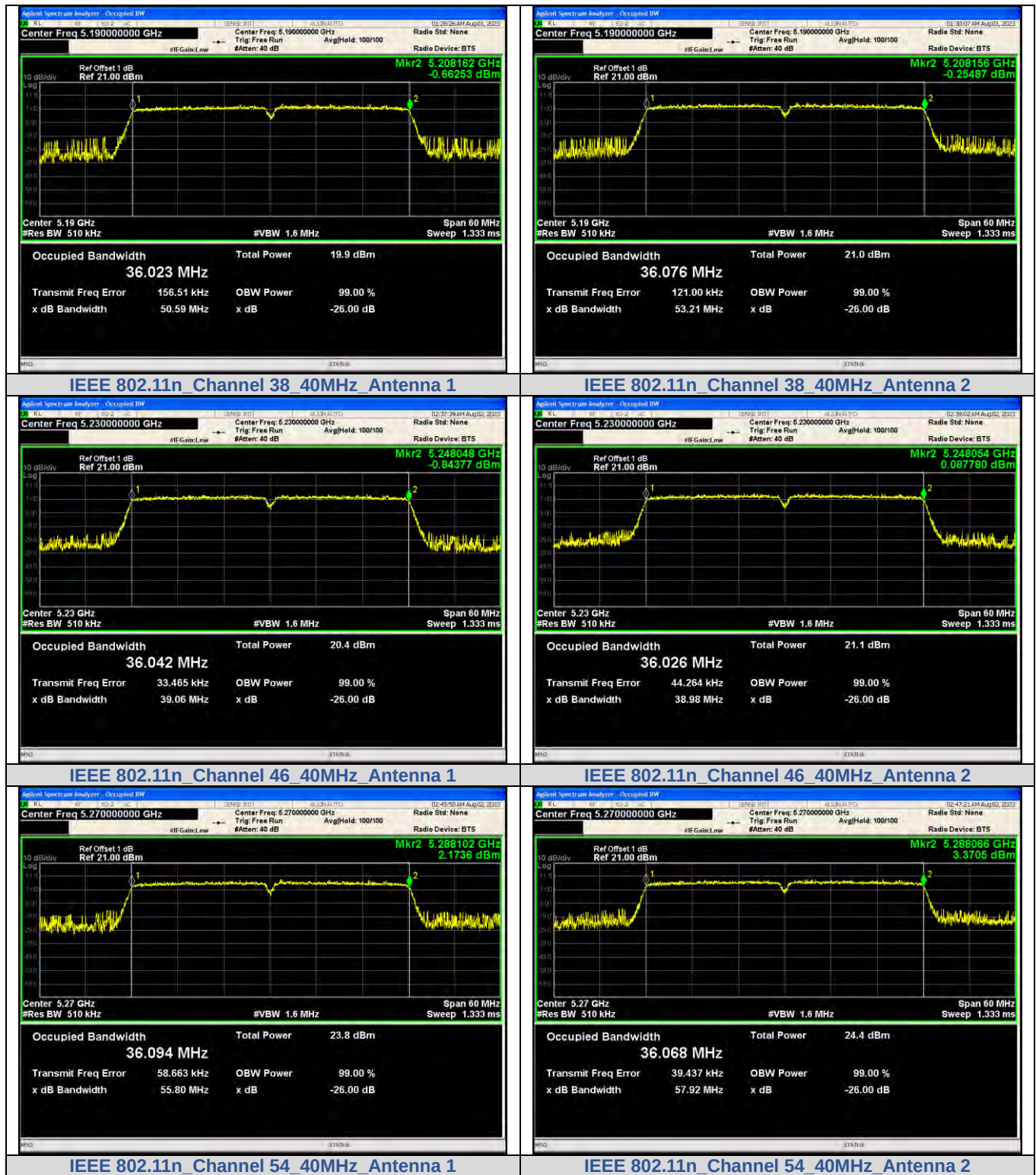


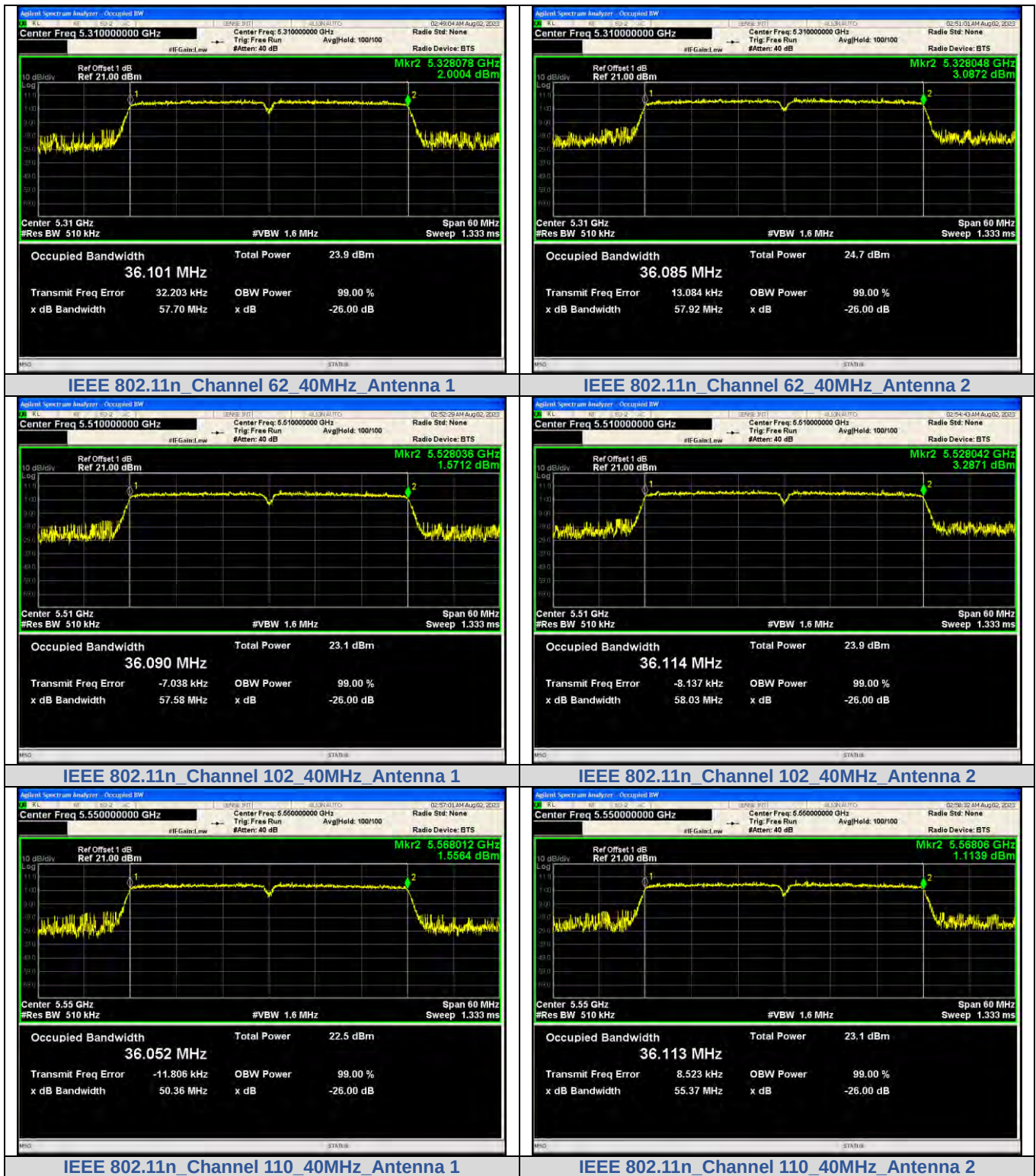
IEEE 802.11n Channel 48 20MHz_Antenna 2

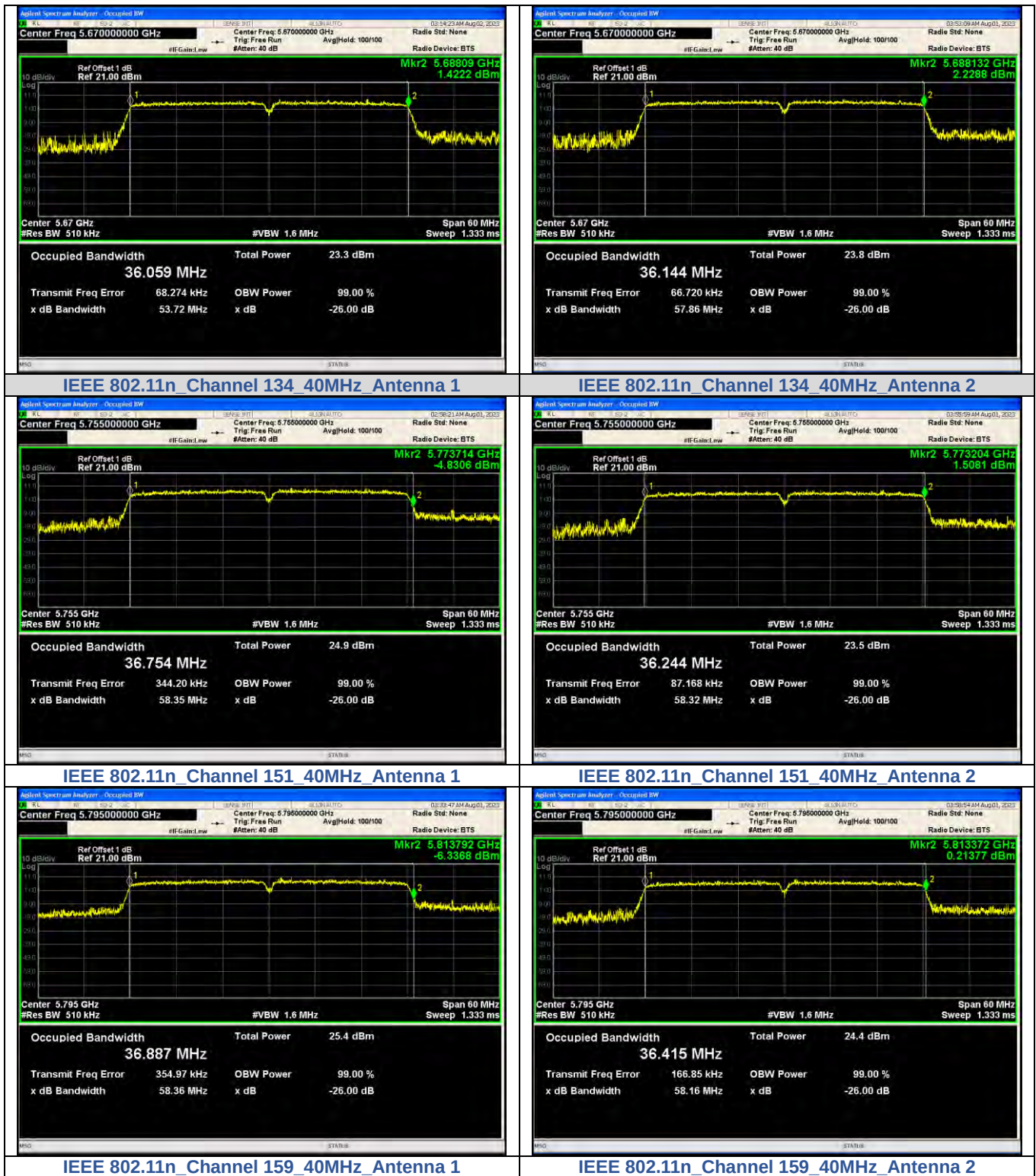


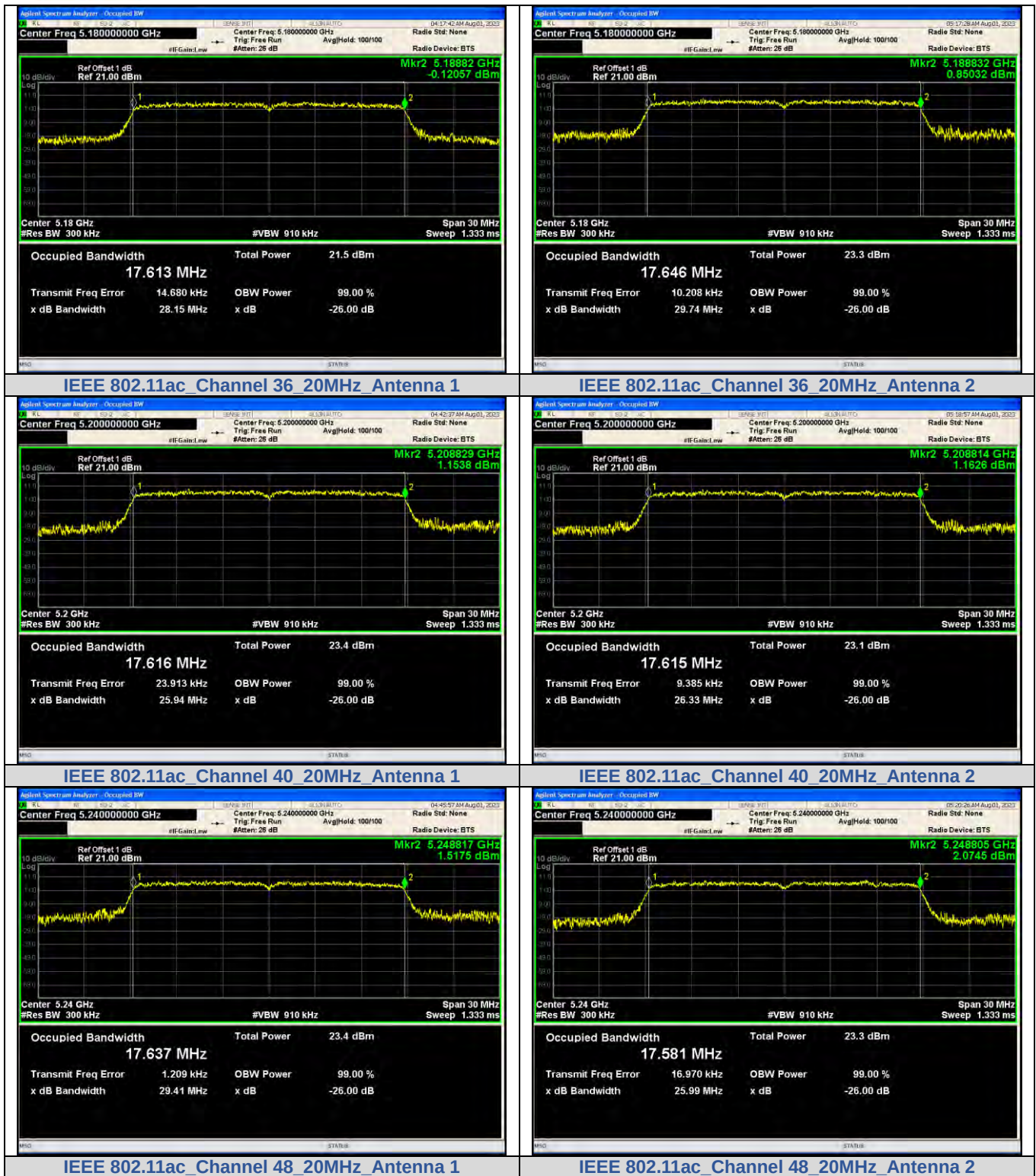


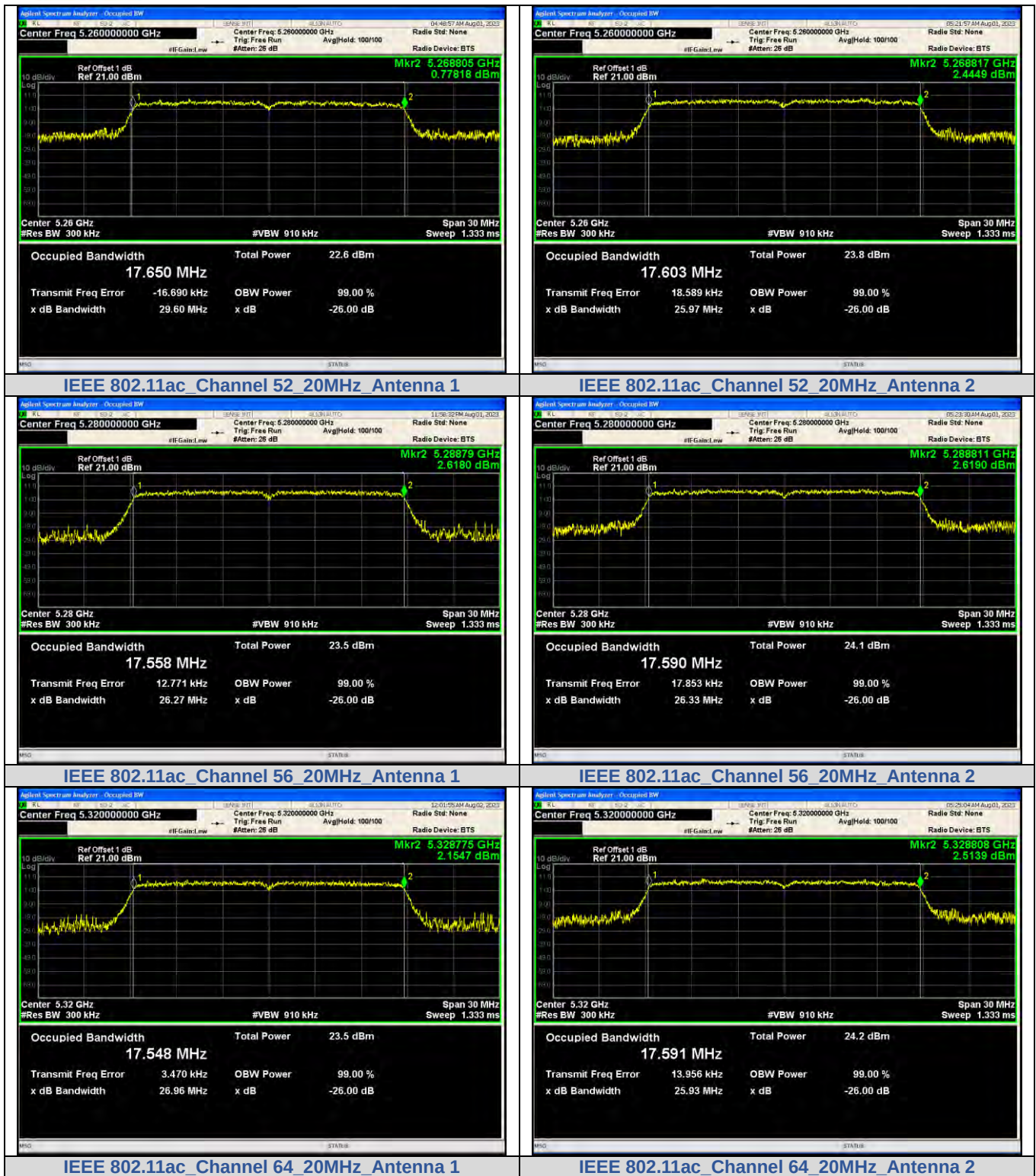


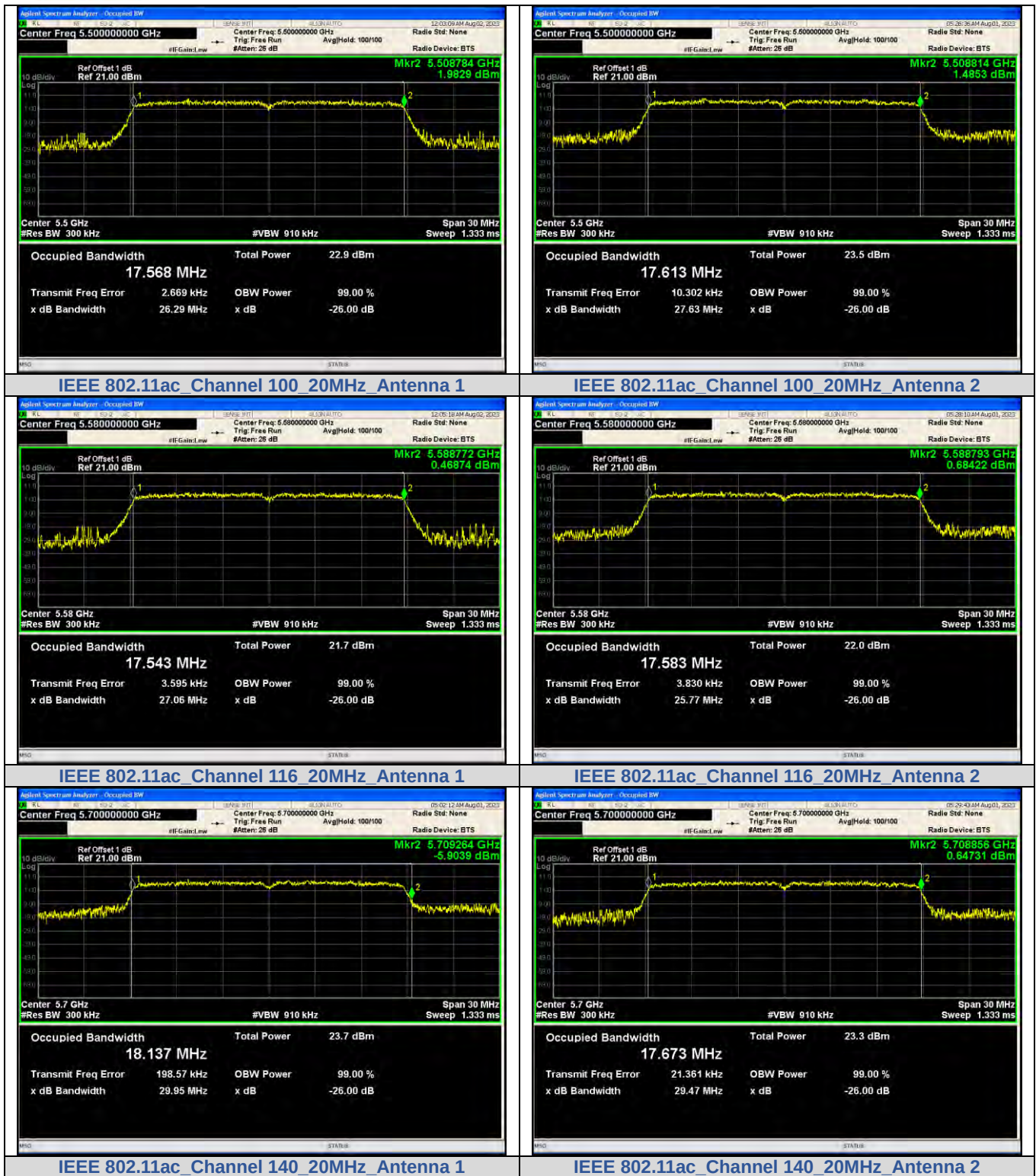


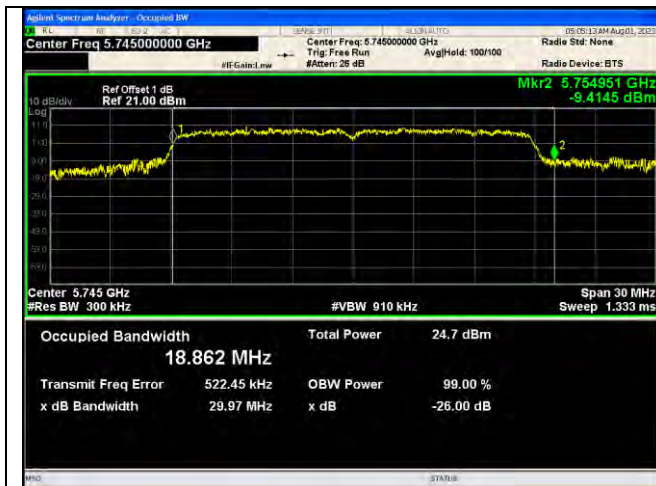




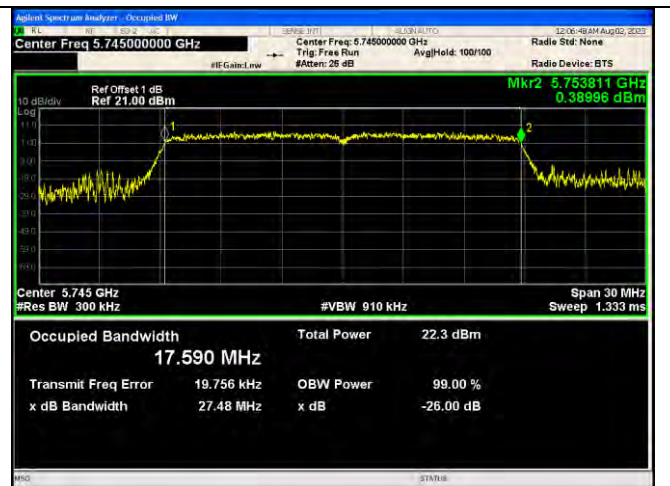




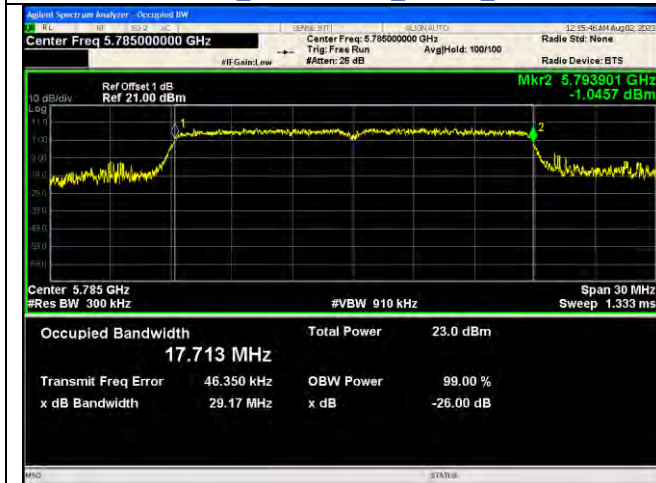




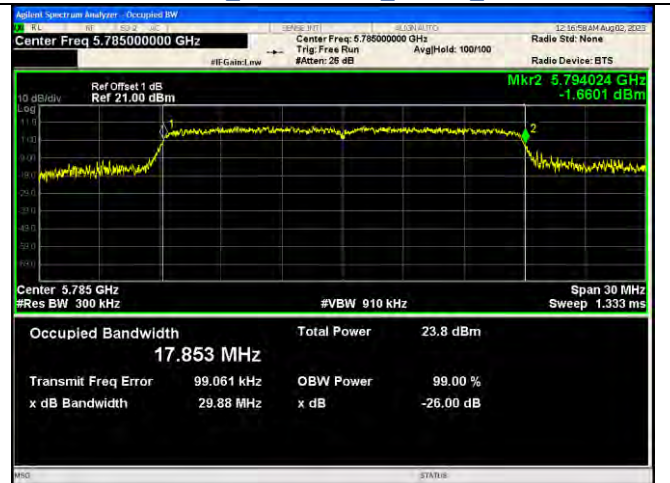
IEEE 802.11ac Channel 149 20MHz Antenna 1



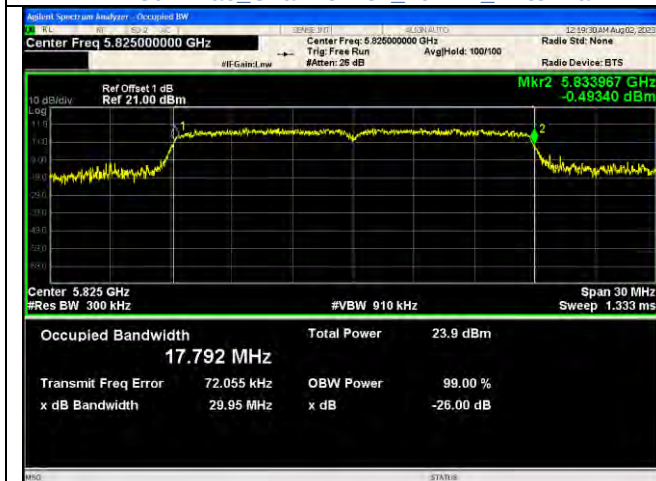
IEEE 802.11ac Channel 149 20MHz Antenna 2



IEEE 802.11ac Channel 157 20MHz Antenna 1



IEEE 802.11ac Channel 157 20MHz Antenna 2



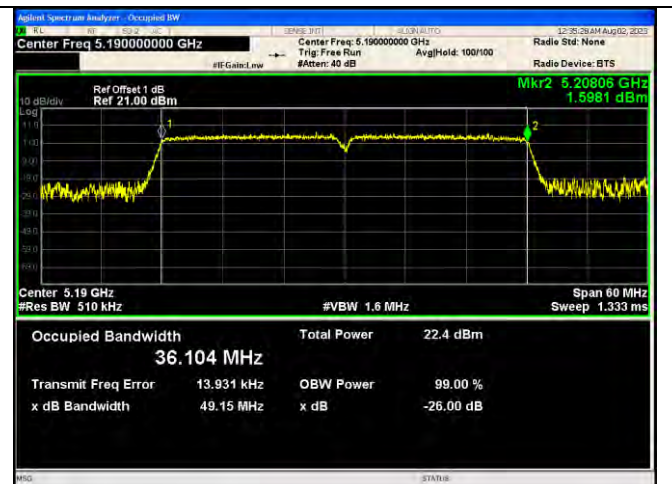
IEEE 802.11ac Channel 165 20MHz Antenna 1



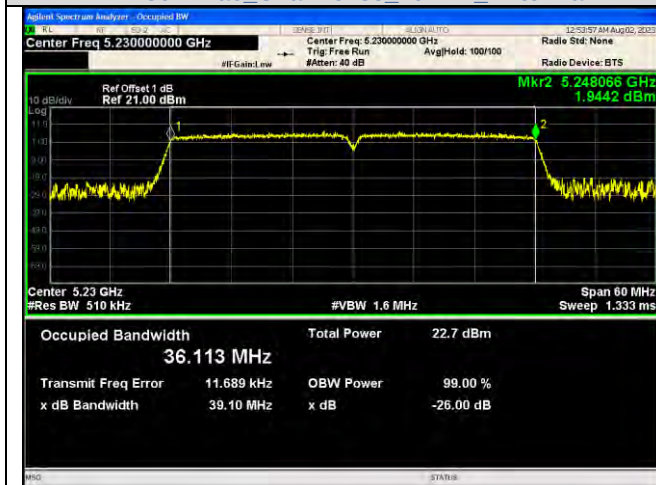
IEEE 802.11ac Channel 165 20MHz Antenna 2



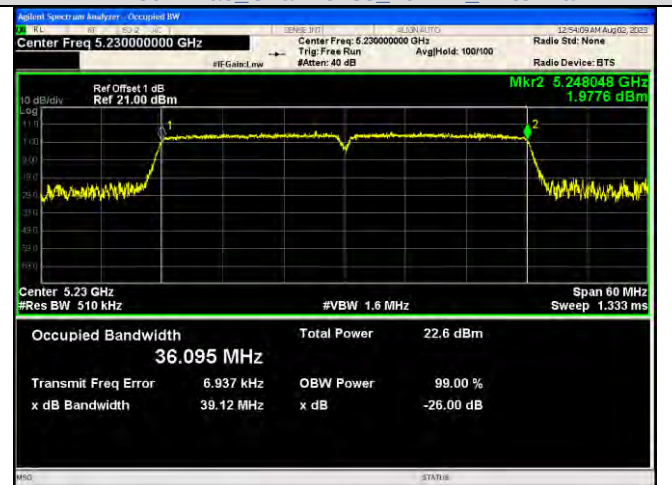
IEEE 802.11ac Channel 38 40MHz Antenna 1



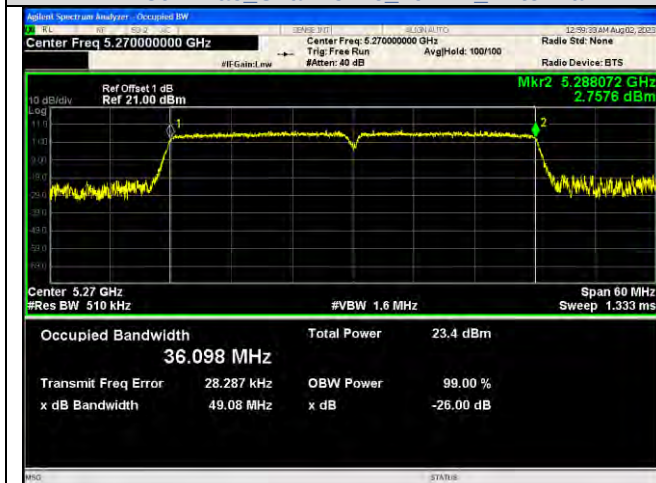
IEEE 802.11ac Channel 38 40MHz Antenna 2



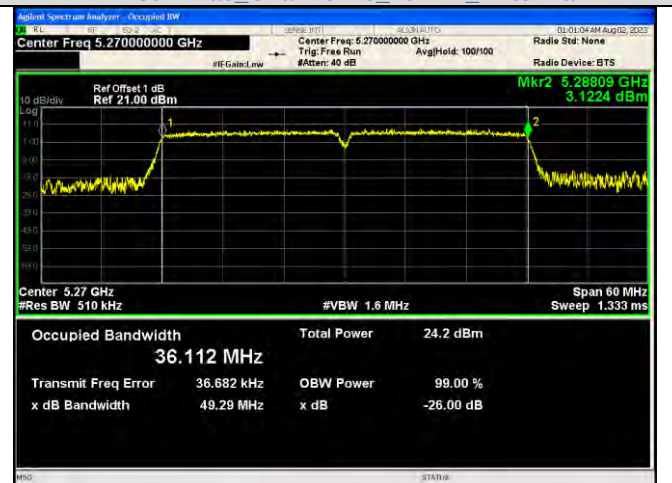
IEEE 802.11ac Channel 46 40MHz Antenna 1



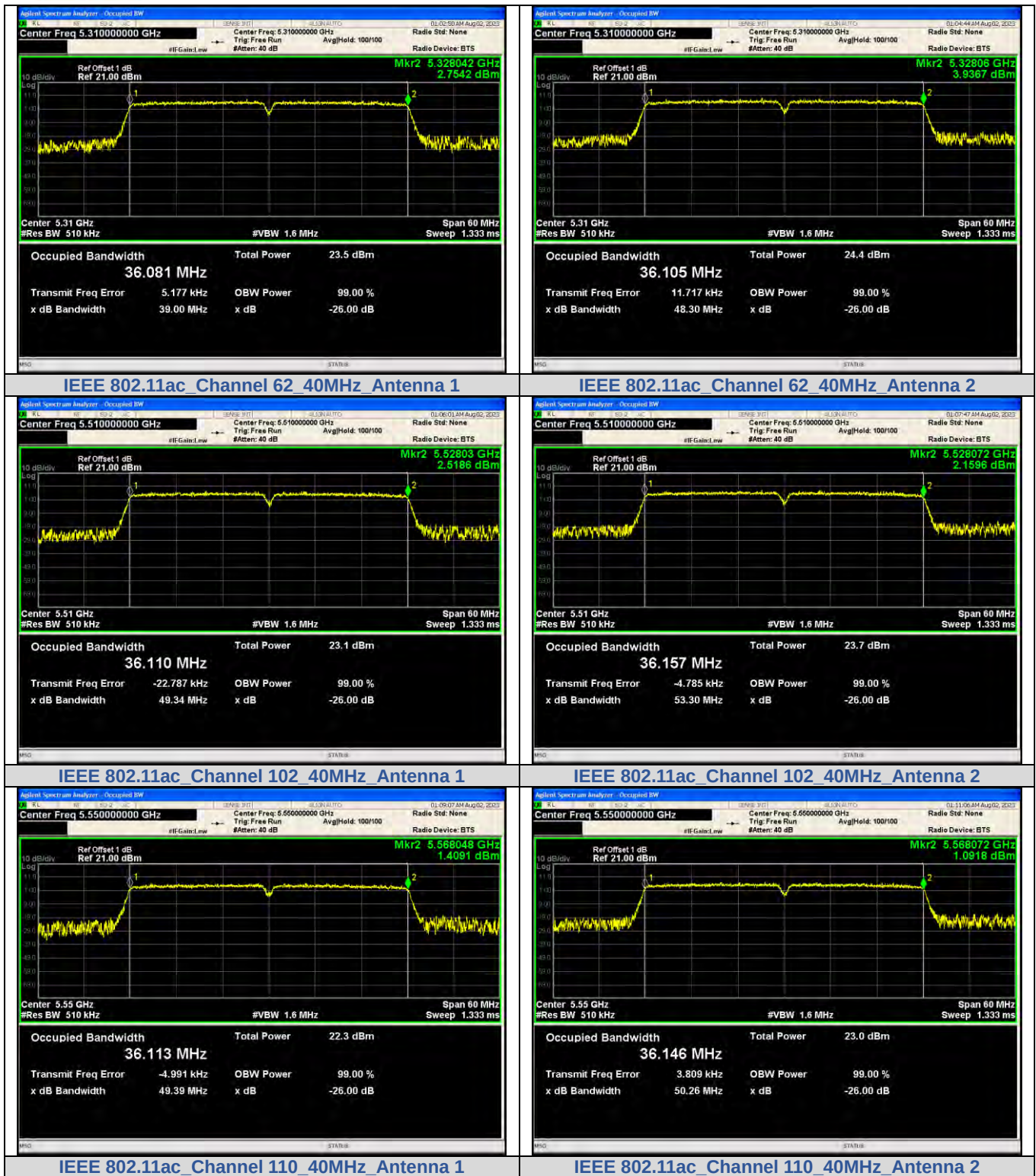
IEEE 802.11ac Channel 46 40MHz Antenna 2

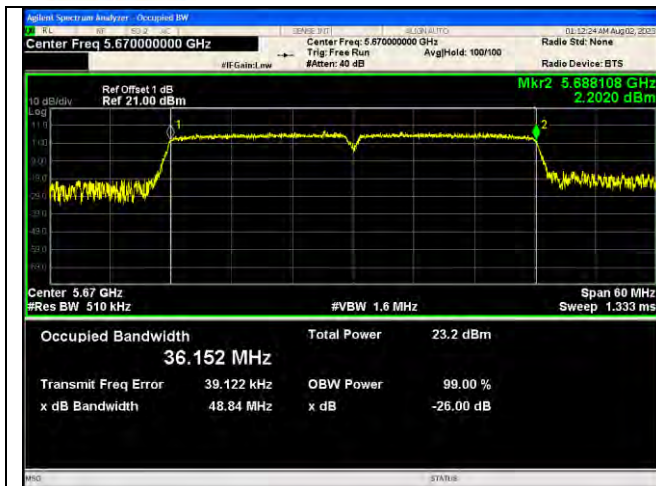


IEEE 802.11ac Channel 54 40MHz Antenna 1

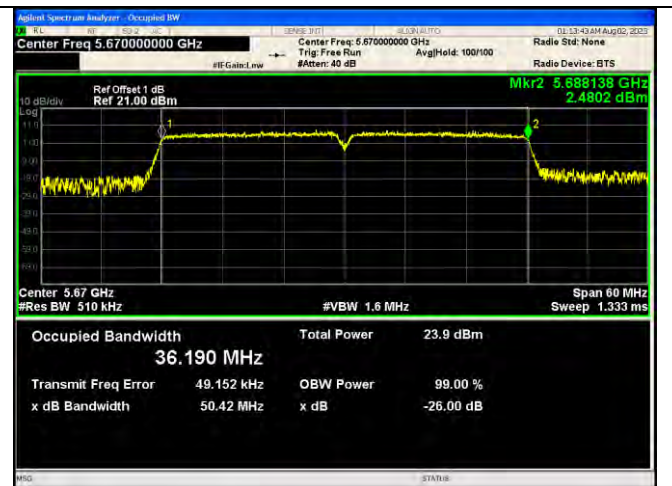


IEEE 802.11ac Channel 54 40MHz Antenna 2

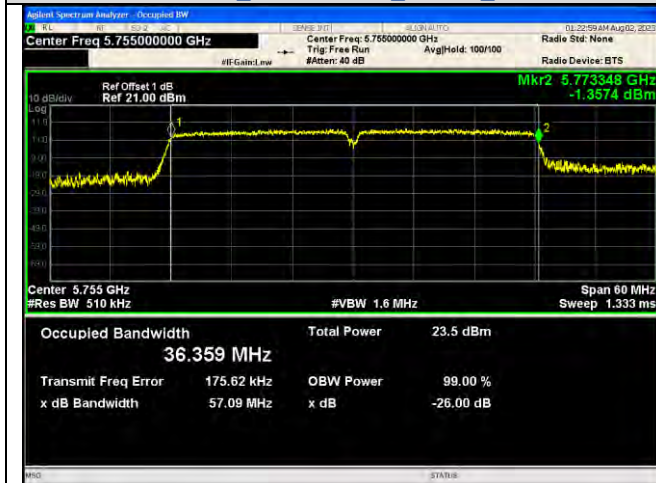




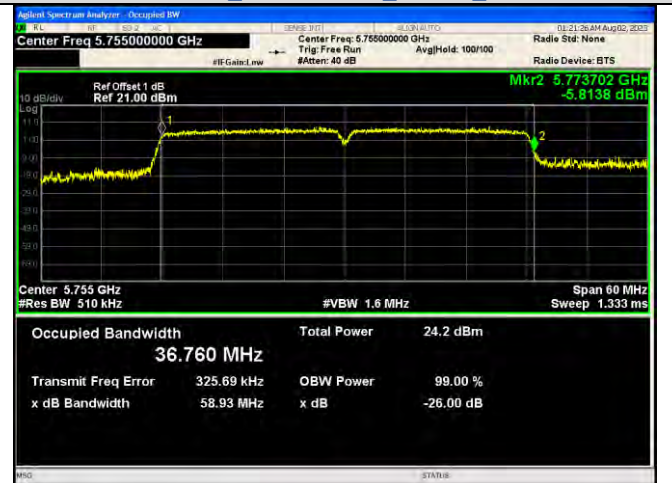
IEEE 802.11ac Channel 134 40MHz Antenna 1



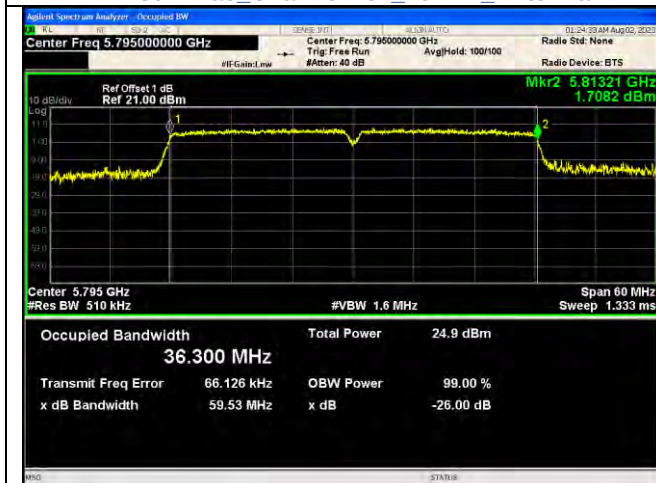
IEEE 802.11ac Channel 134 40MHz Antenna 2



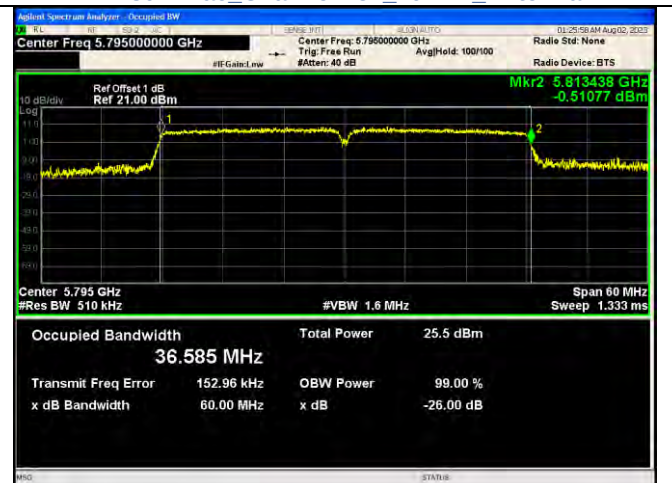
IEEE 802.11ac Channel 151 40MHz Antenna 1



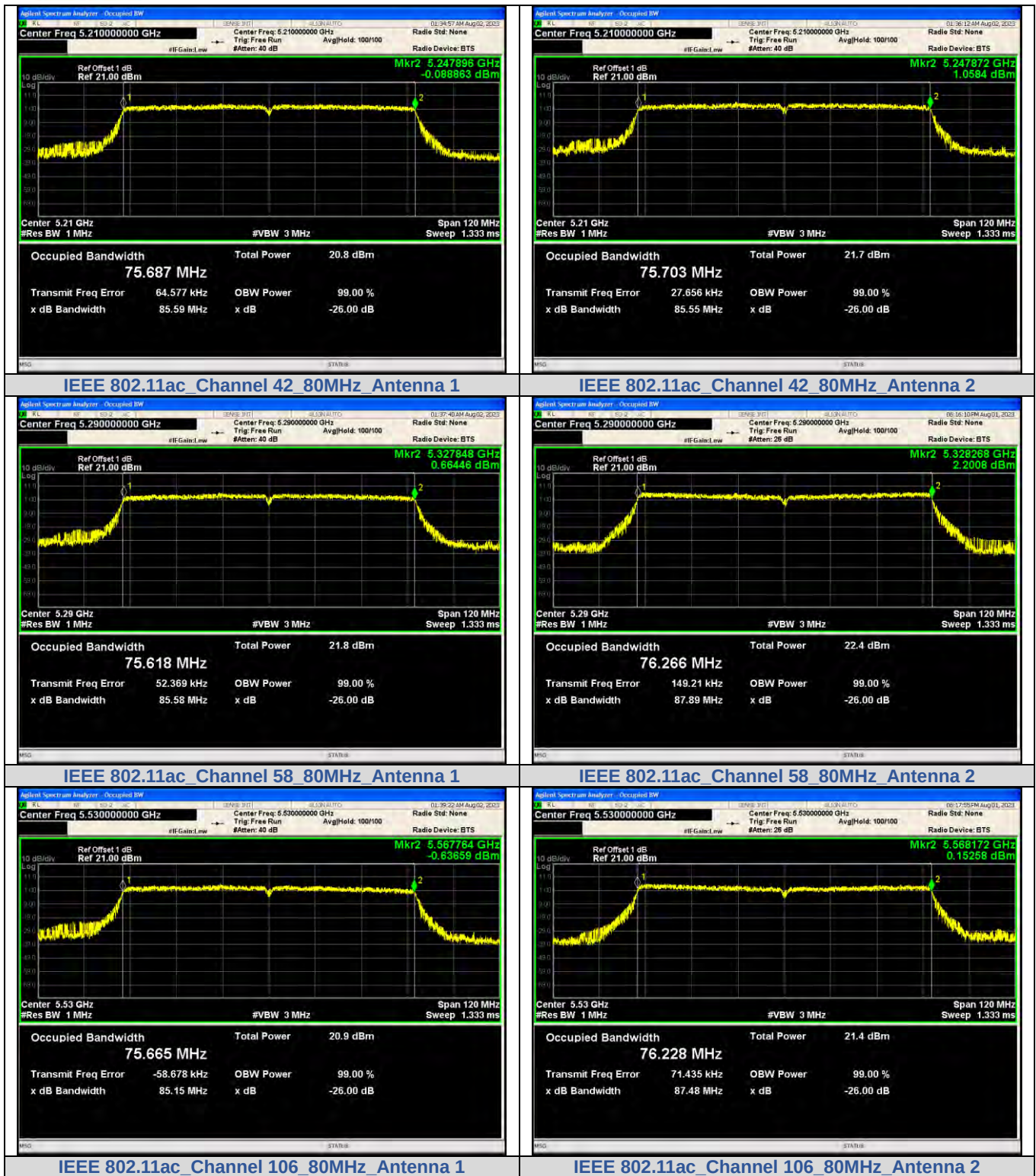
IEEE 802.11ac Channel 151 40MHz Antenna 2

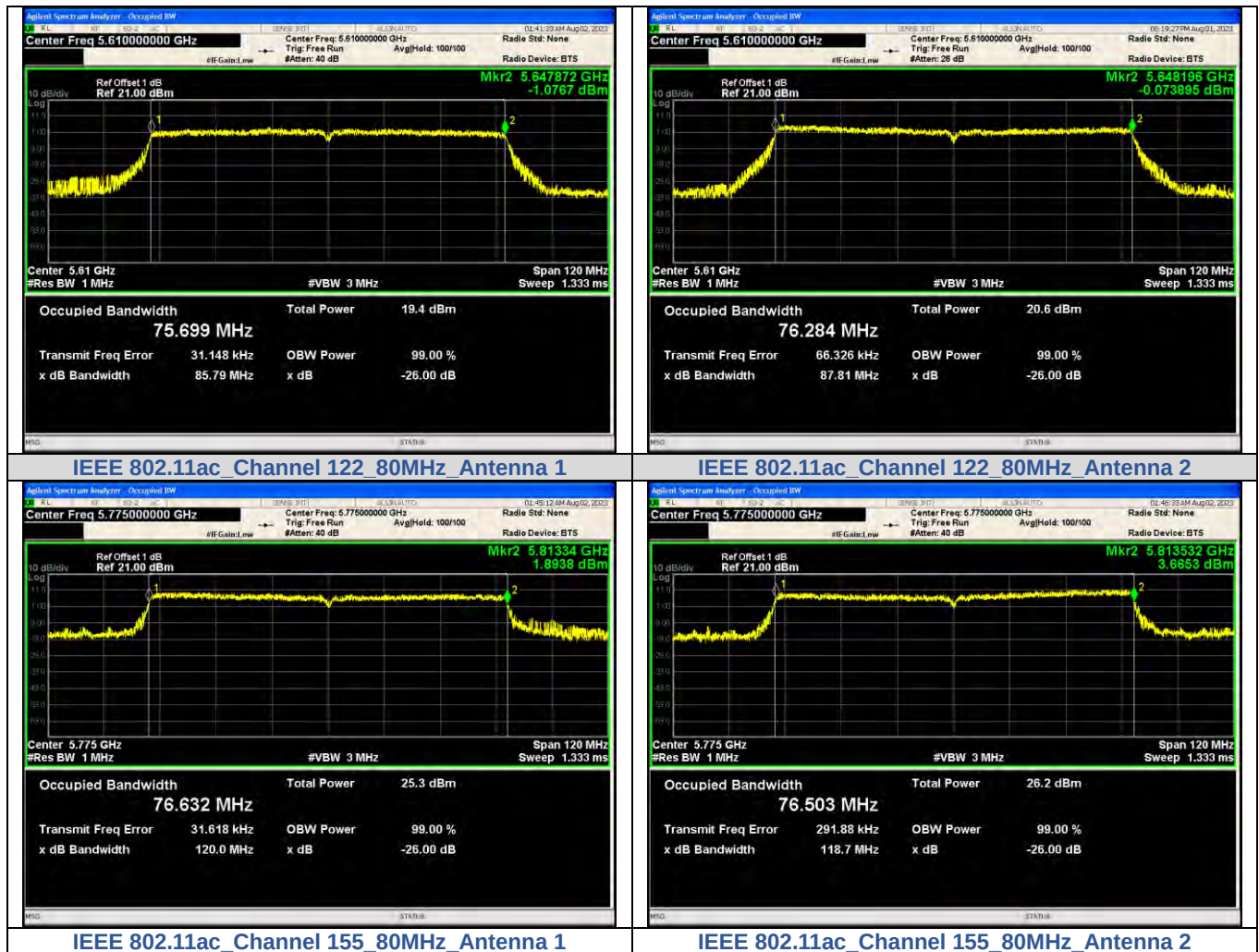


IEEE 802.11ac Channel 159 40MHz Antenna 1



IEEE 802.11ac Channel 159 40MHz Antenna 2







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

