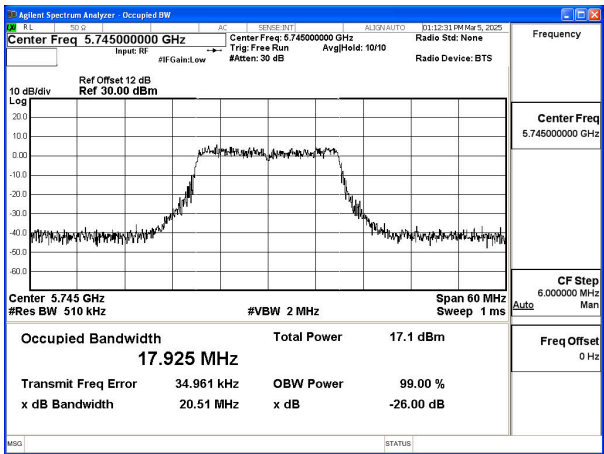
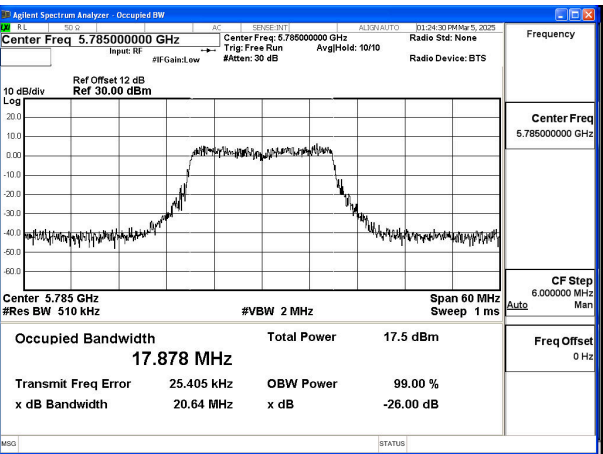
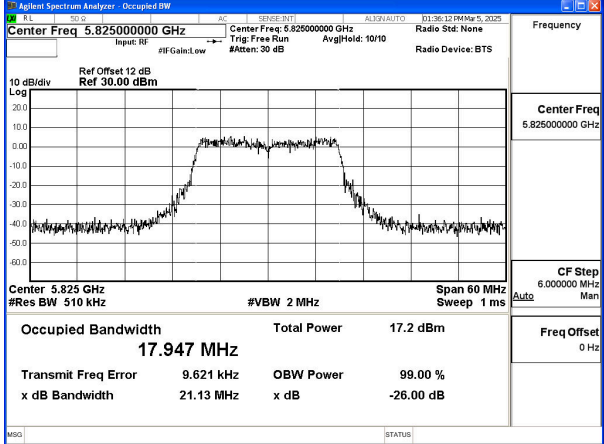
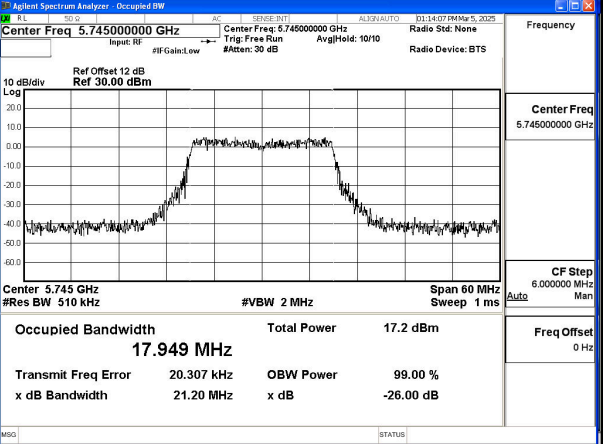
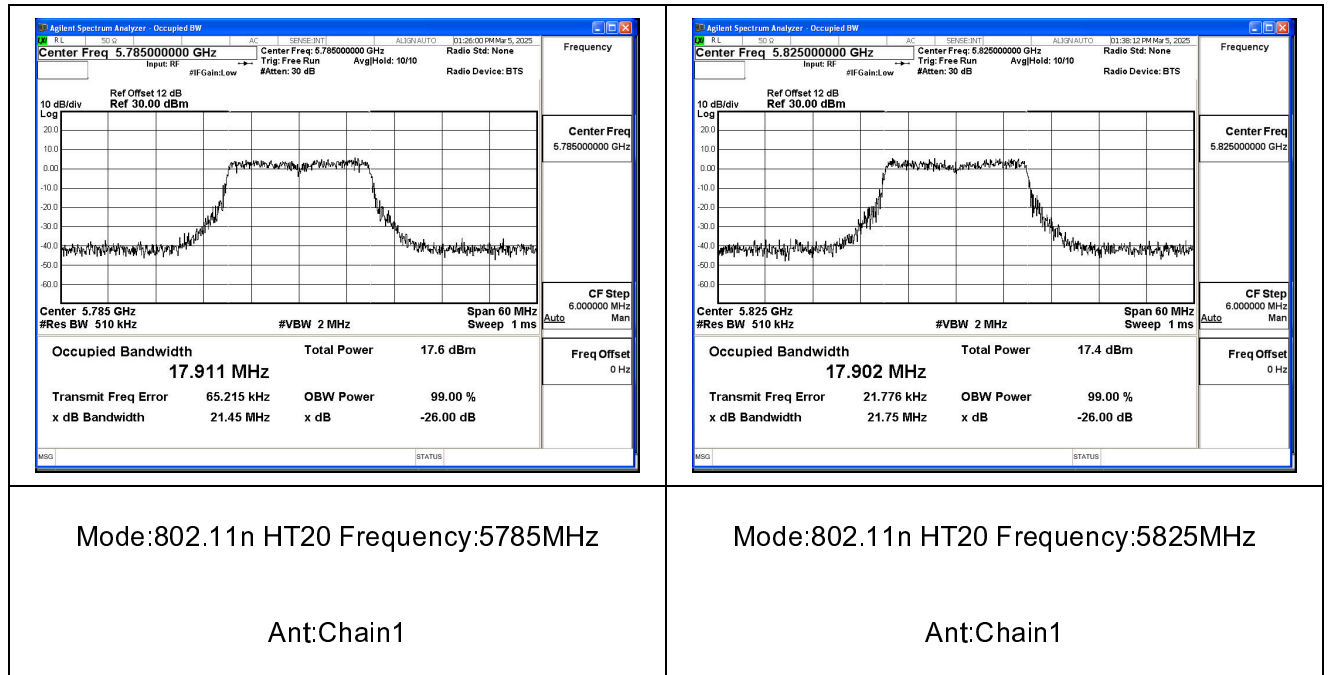


Test Mode: 802.11n HT20

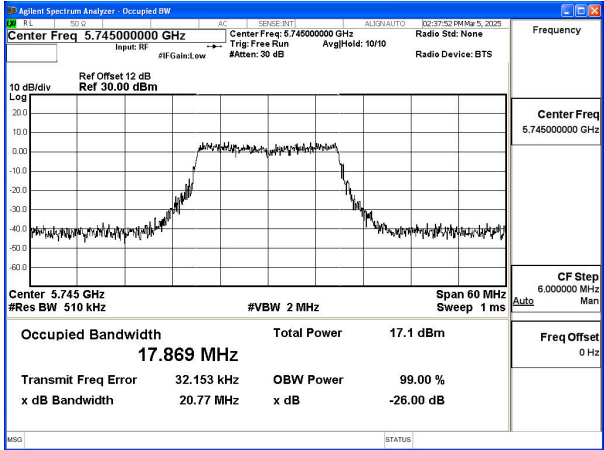
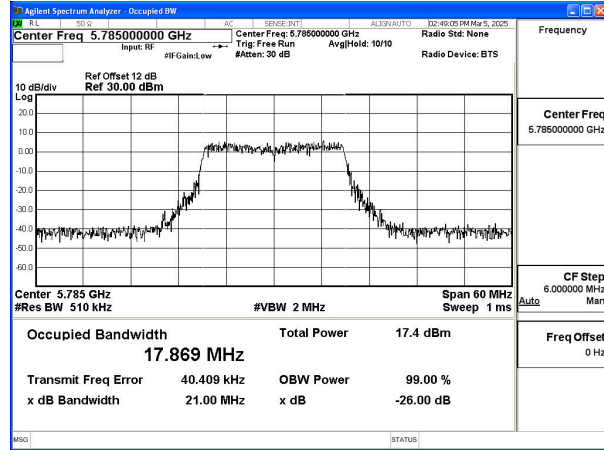
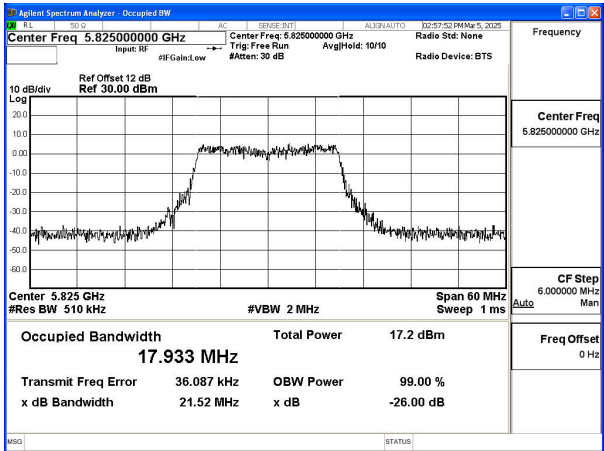
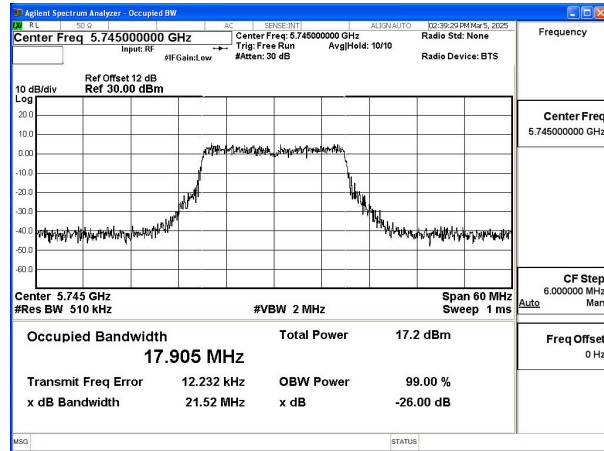
 Center Freq 5.745000000 GHz Occupied Bandwidth 17.925 MHz Total Power 17.1 dBm Transmit Freq Error 34.961 kHz x dB Bandwidth 20.51 MHz	 Center Freq 5.785000000 GHz Occupied Bandwidth 17.878 MHz Total Power 17.5 dBm Transmit Freq Error 25.405 kHz x dB Bandwidth 20.64 MHz
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0	Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0
 Center Freq 5.825000000 GHz Occupied Bandwidth 17.947 MHz Total Power 17.2 dBm Transmit Freq Error 9.621 kHz x dB Bandwidth 21.13 MHz	 Center Freq 5.745000000 GHz Occupied Bandwidth 17.949 MHz Total Power 17.2 dBm Transmit Freq Error 20.307 kHz x dB Bandwidth 21.20 MHz
Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0	Mode:802.11n HT20 Frequency:5745MHz Ant:Chain1

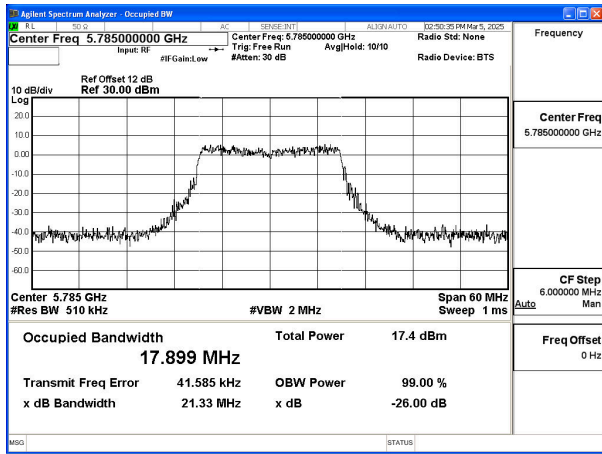




Test Report No.: PSU-NQN2503250110RF02

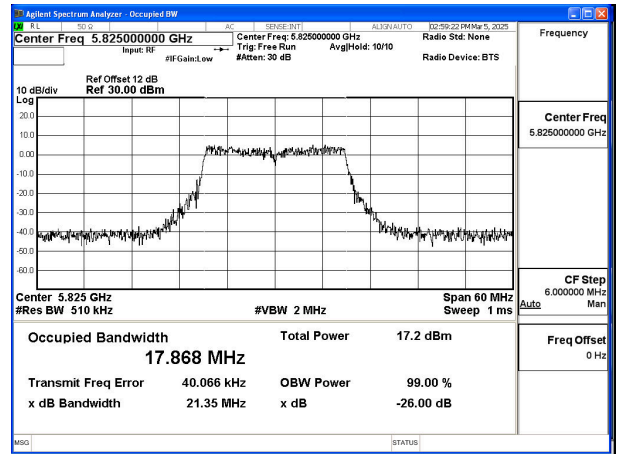
Test Mode: 802.11ac VHT20

	
Mode:802.11ac VHT20 Frequency:5745MHz Ant:Chain0	Mode:802.11ac VHT20 Frequency:5785MHz Ant:Chain0
	
Mode:802.11ac VHT20 Frequency:5825MHz Ant:Chain0	Mode:802.11ac VHT20 Frequency:5745MHz Ant:Chain1



Mode:802.11ac VHT20 Frequency:5785MHz

Ant:Chain1



Mode:802.11ac VHT20 Frequency:5825MHz

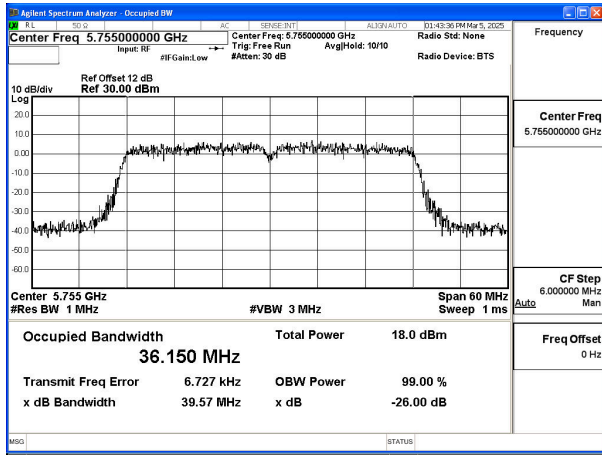
Ant:Chain1



BUREAU
VERITAS

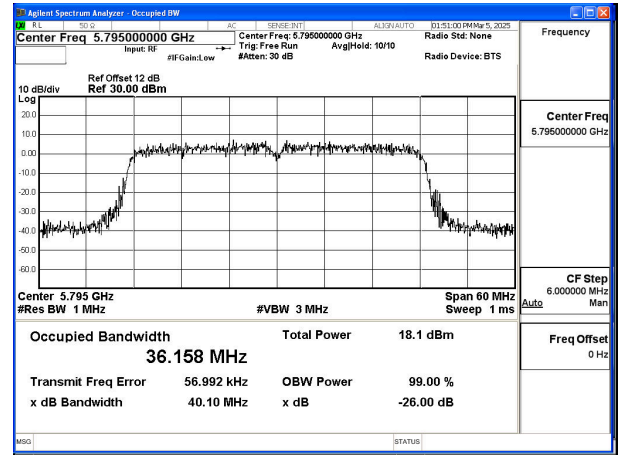
Test Report No.: PSU-NQN2503250110RF02

Test Mode: 802.11n HT40



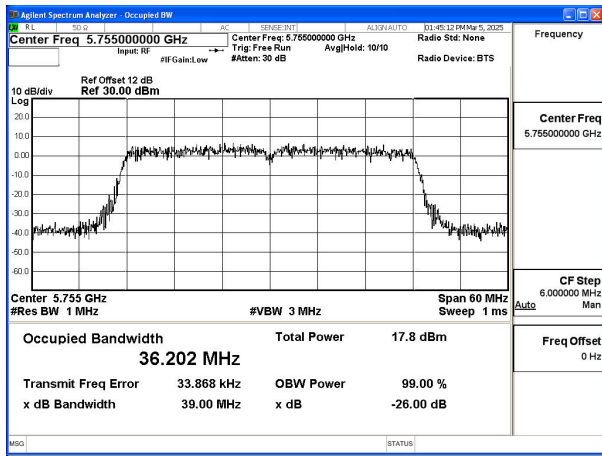
Mode:802.11n HT40 Frequency:5755MHz

Ant:Chain0



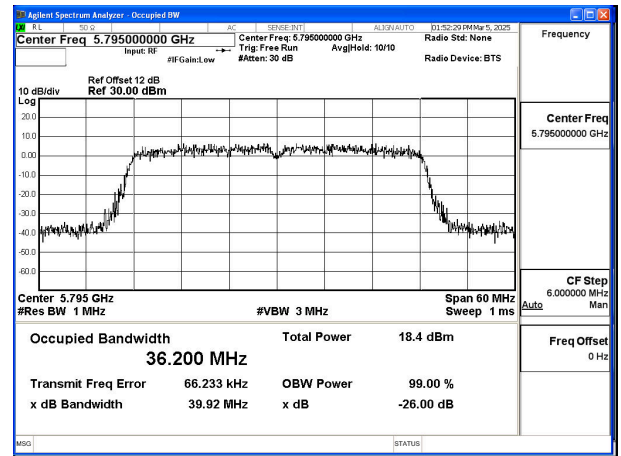
Mode:802.11n HT40 Frequency:5795MHz

Ant:Chain0



Mode:802.11n HT40 Frequency:5755MHz

Ant:Chain1



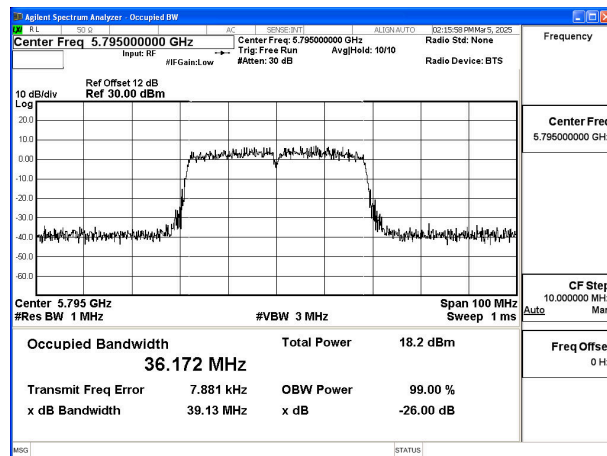
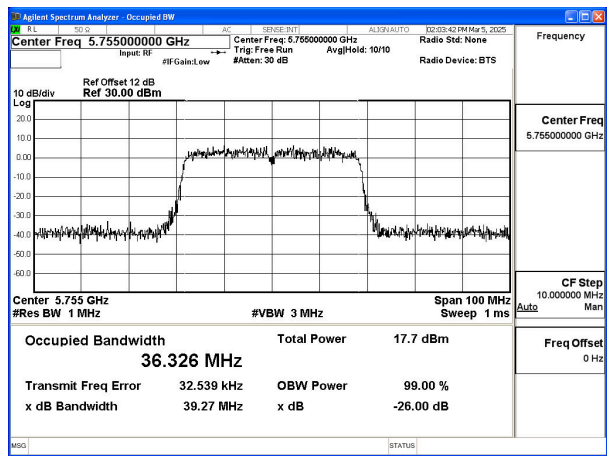
Mode:802.11n HT40 Frequency:5795MHz

Ant:Chain1



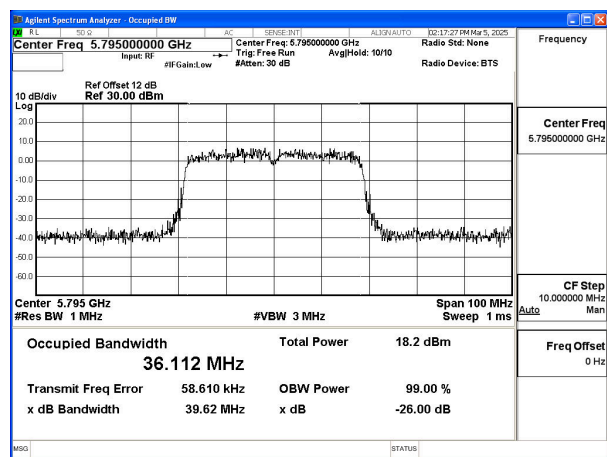
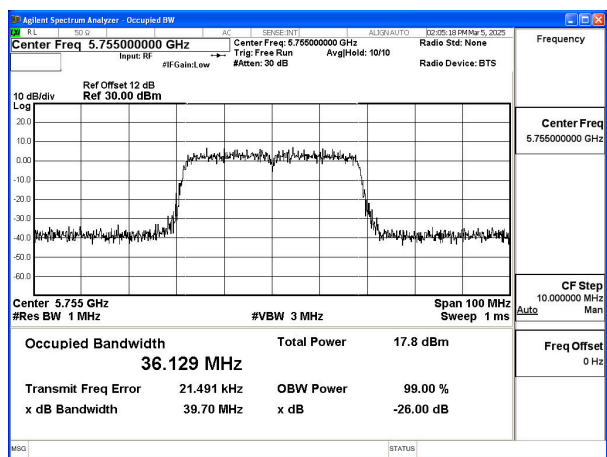
Test Report No.: PSU-NQN2503250110RF02

Test Mode: 802.11ac VHT40



Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain0

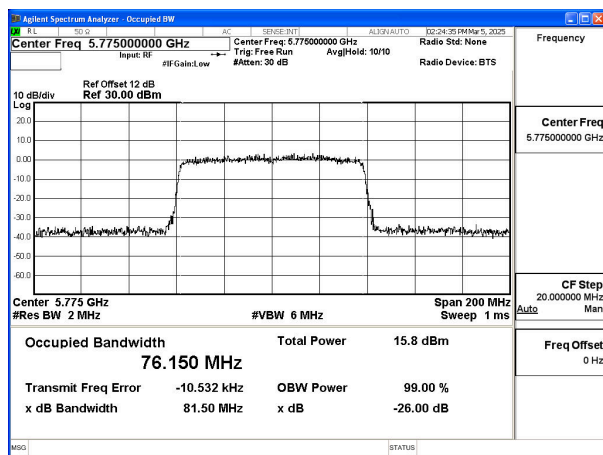
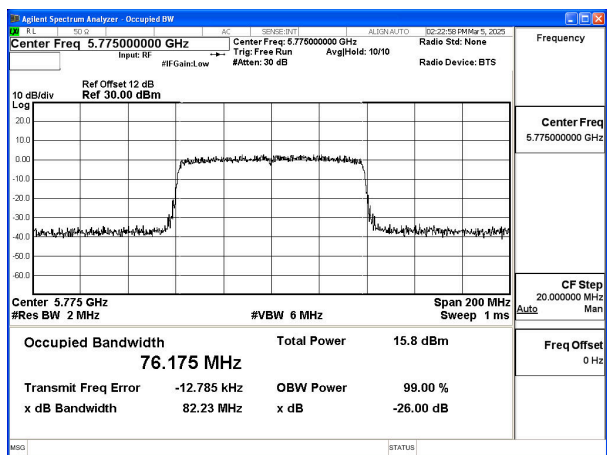
Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain0



Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain1

Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5775MHz Ant:Chain0

Mode:802.11ac VHT80 Frequency:5775MHz Ant:Chain1

OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

UNII-1

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Chain0	19.170	19.147	19.174
802.11a	Chain1	19.200	19.302	19.158
802.11n HT20	Chain0	19.233	19.134	19.102
802.11n HT20	Chain1	19.188	19.162	19.228
802.11ac VHT20	Chain0	19.187	19.171	19.217
802.11ac VHT20	Chain1	19.171	19.198	19.164

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Chain0	37.924	---	37.833
802.11n HT40	Chain1	37.774	---	38.036
802.11ac VHT40	Chain0	37.838	---	37.971
802.11ac VHT40	Chain1	37.798	---	37.784

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Chain0	77.614	---	---
802.11ac VHT80	Chain1	77.457	---	---

U-NII-2A

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5260MHz	5280MHz	5320MHz
802.11a	Chain0	17.037	16.931	16.821
802.11a	Chain1	16.820	16.750	16.896
802.11n HT20	Chain0	18.010	17.962	18.038
802.11n HT20	Chain1	17.962	18.059	17.947
802.11ac VHT20	Chain0	18.159	17.973	18.017
802.11ac VHT20	Chain1	17.994	17.985	18.009

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5270MHz	---	5310MHz
802.11n HT40	Chain0	36.221	---	36.213
802.11n HT40	Chain1	36.166	---	36.073
802.11ac VHT40	Chain0	36.143	---	36.126
802.11ac VHT40	Chain1	36.065	---	36.060

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5290MHz	---	---
802.11ac VHT80	Chain0	75.727	---	---
802.11ac VHT80	Chain1	75.801	---	---

U-NII-2C

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5500MHz	5580MHz	5700MHz
802.11a	Chain0	16.962	16.901	16.785
802.11a	Chain1	16.852	16.903	16.712
802.11n HT20	Chain0	18.084	17.982	17.909
802.11n HT20	Chain1	17.948	17.935	18.039
802.11ac VHT20	Chain0	18.051	18.068	18.000
802.11ac VHT20	Chain1	18.114	17.956	17.983

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5510MHz	5590MHz	5670MHz
802.11n HT40	Chain0	36.000	35.996	36.033
802.11n HT40	Chain1	35.902	36.097	36.156
802.11ac VHT40	Chain0	36.060	36.115	36.138
802.11ac VHT40	Chain1	36.216	36.055	36.191

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5530MHz	---	5610MHz
802.11ac VHT80	Chain0	75.917	---	75.815
802.11ac VHT80	Chain1	75.646	---	75.559

UNII-3

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.686	16.665	16.772
802.11a	Chain1	16.681	16.682	16.743
802.11n HT20	Chain0	17.869	18.004	17.890
802.11n HT20	Chain1	17.943	17.893	17.958
802.11ac VHT20	Chain0	17.911	17.865	17.905
802.11ac VHT20	Chain1	17.915	17.927	17.934

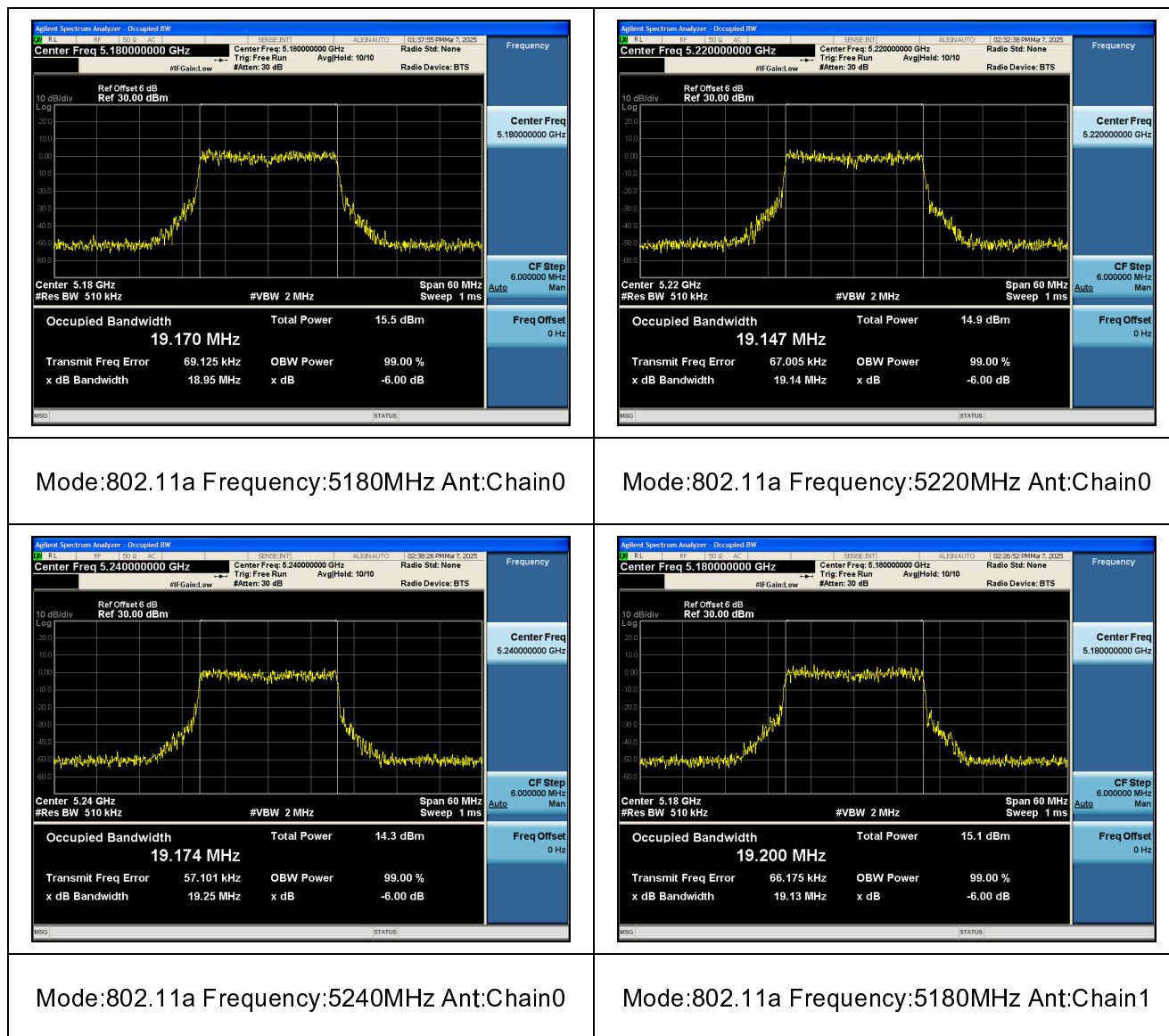
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	36.283	---	36.136
802.11n HT40	Chain1	36.224	---	36.191
802.11ac VHT40	Chain0	36.224	---	36.235
802.11ac VHT40	Chain1	36.261	---	36.221

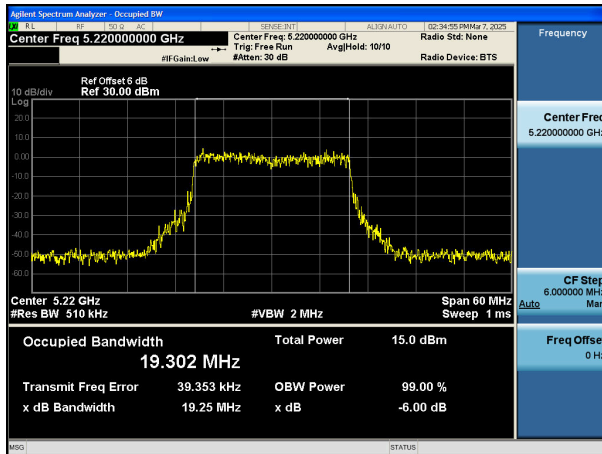
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	76.173	---	---
802.11ac VHT80	Chain1	76.185	---	---

TEST GRAPHS

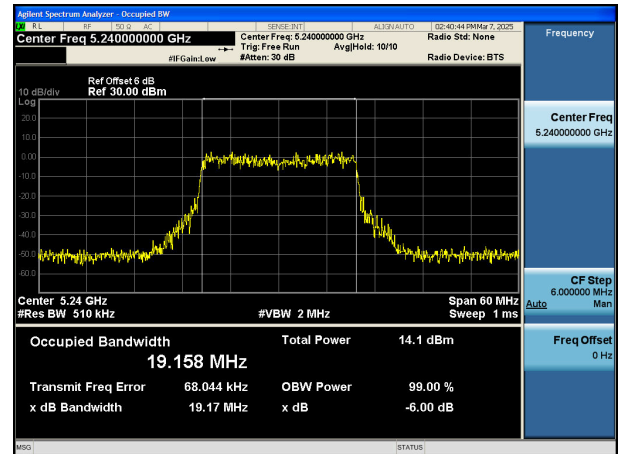
UNII-1

Test Mode: 802.11a



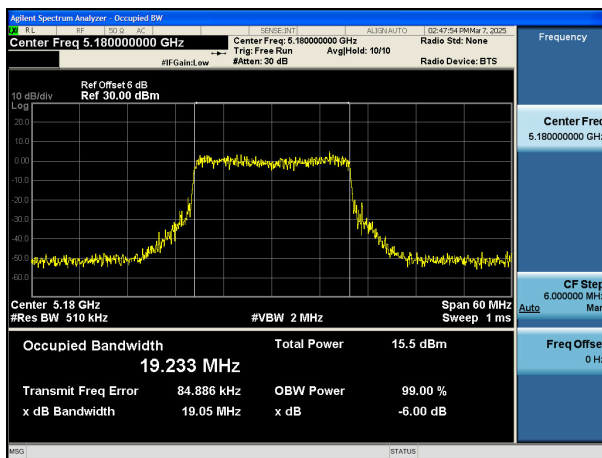


Mode:802.11a Frequency:5220MHz Ant:Chain1



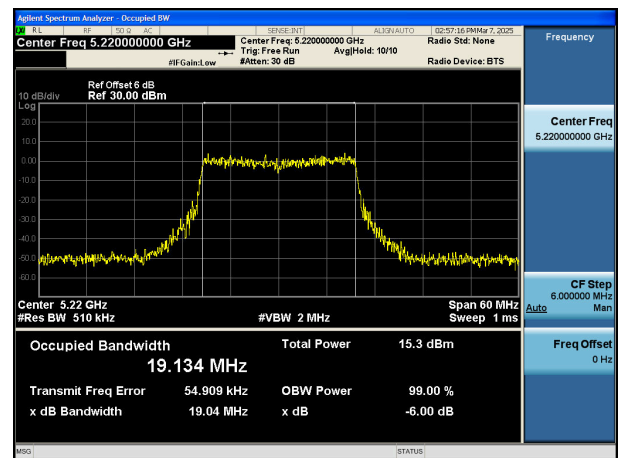
Mode:802.11a Frequency:5240MHz Ant:Chain1

Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:5180MHz

Ant:Chain0



Mode:802.11n HT20 Frequency:5220MHz

Ant:Chain0