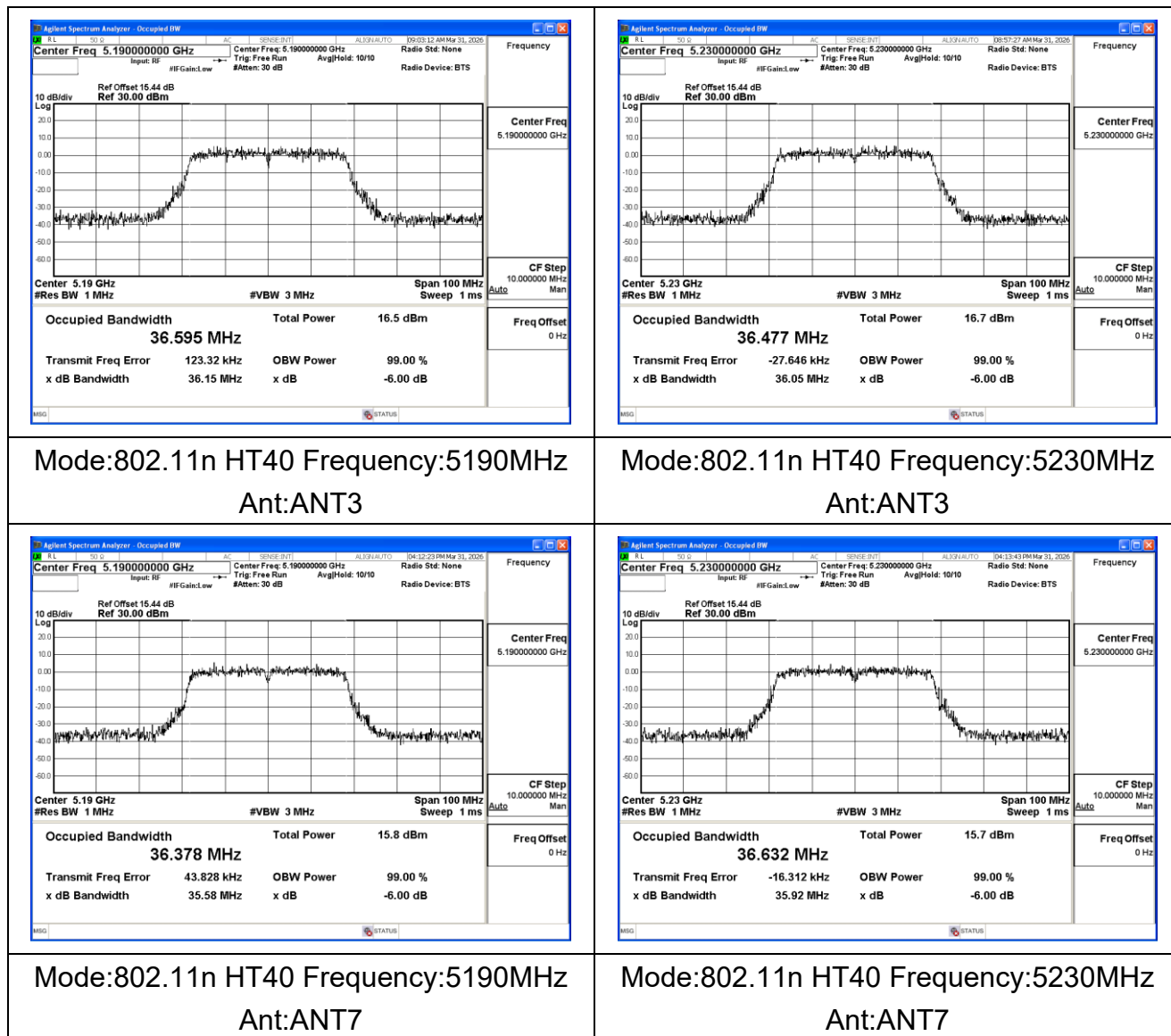




Test Report No.: RF260330B008

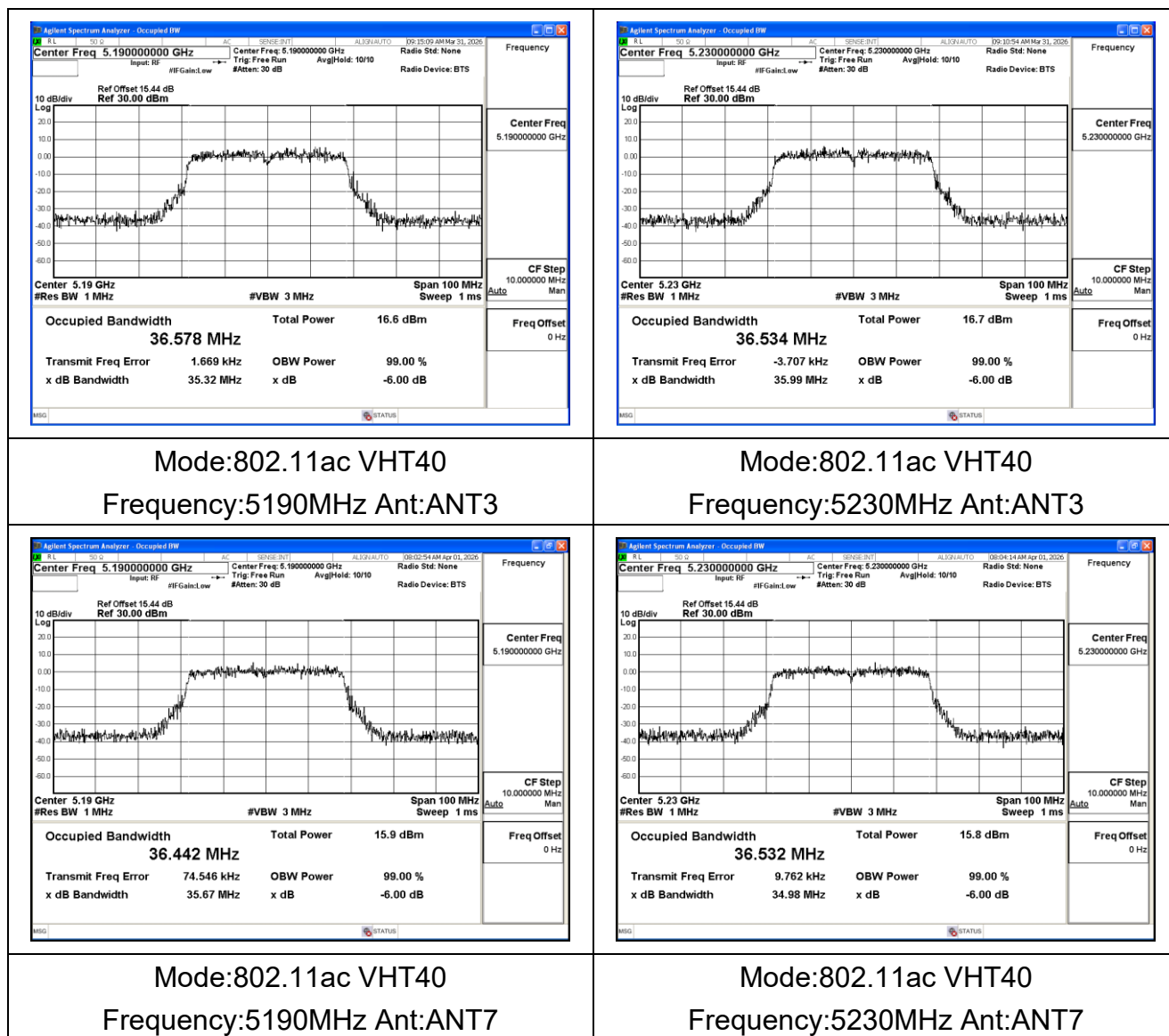
Test Mode: 802.11n HT40





Test Report No.: RF260330B008

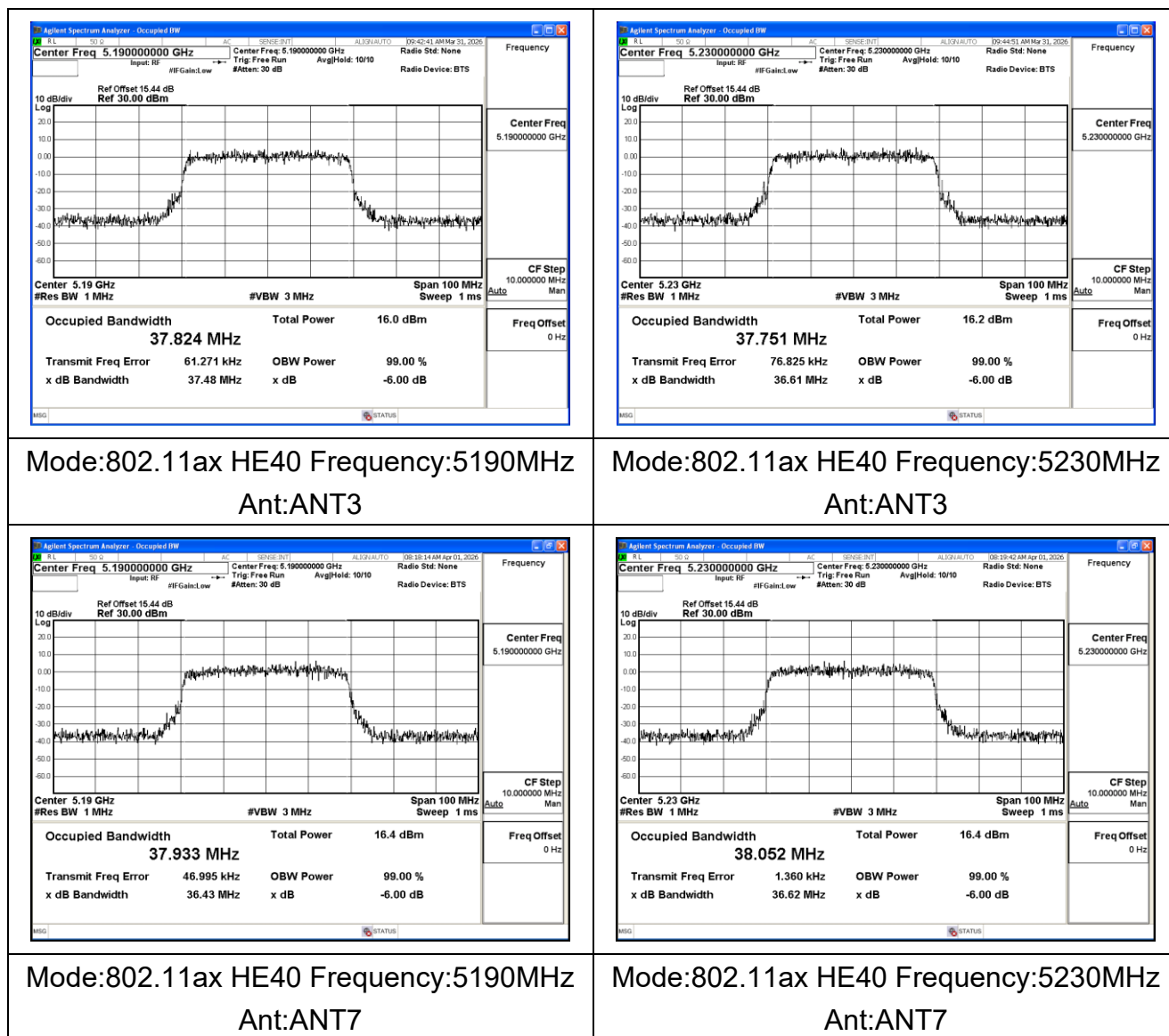
Test Mode: 802.11ac VHT40





Test Report No.: RF260330B008

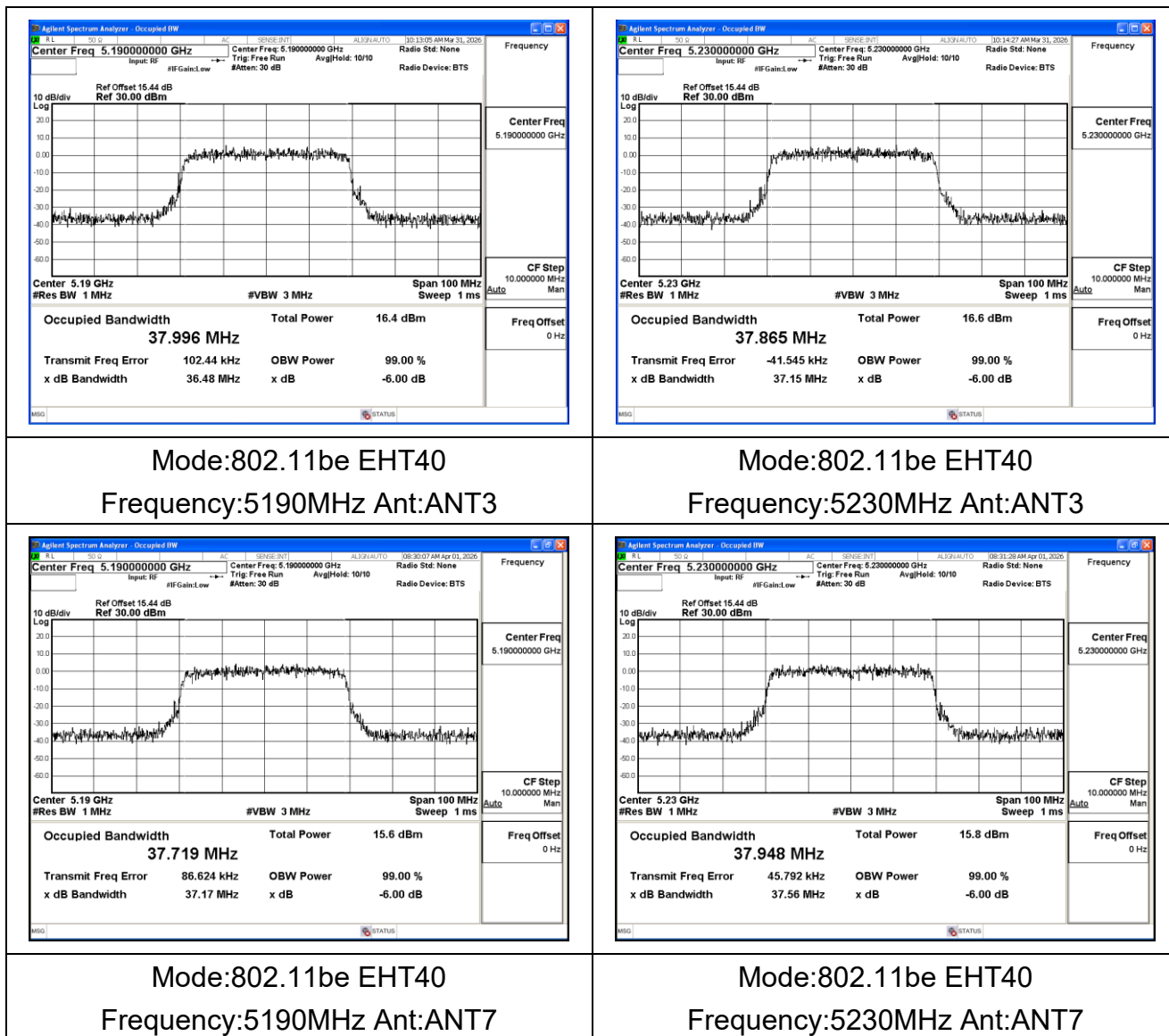
Test Mode: 802.11ax HE40





Test Report No.: RF260330B008

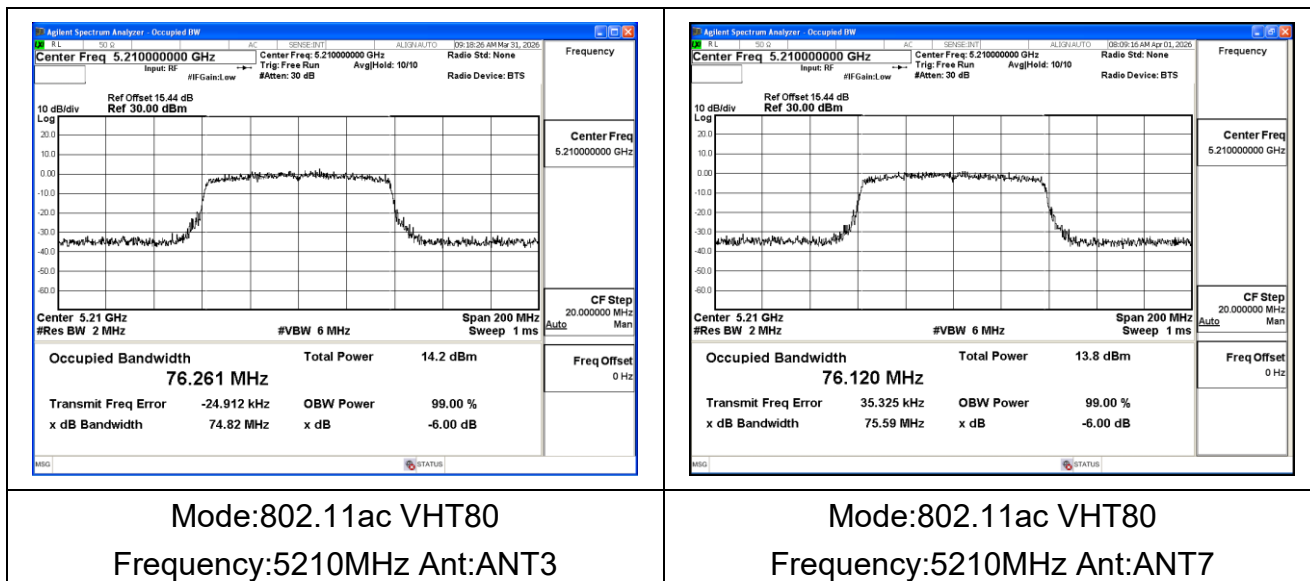
Test Mode: 802.11be EHT40



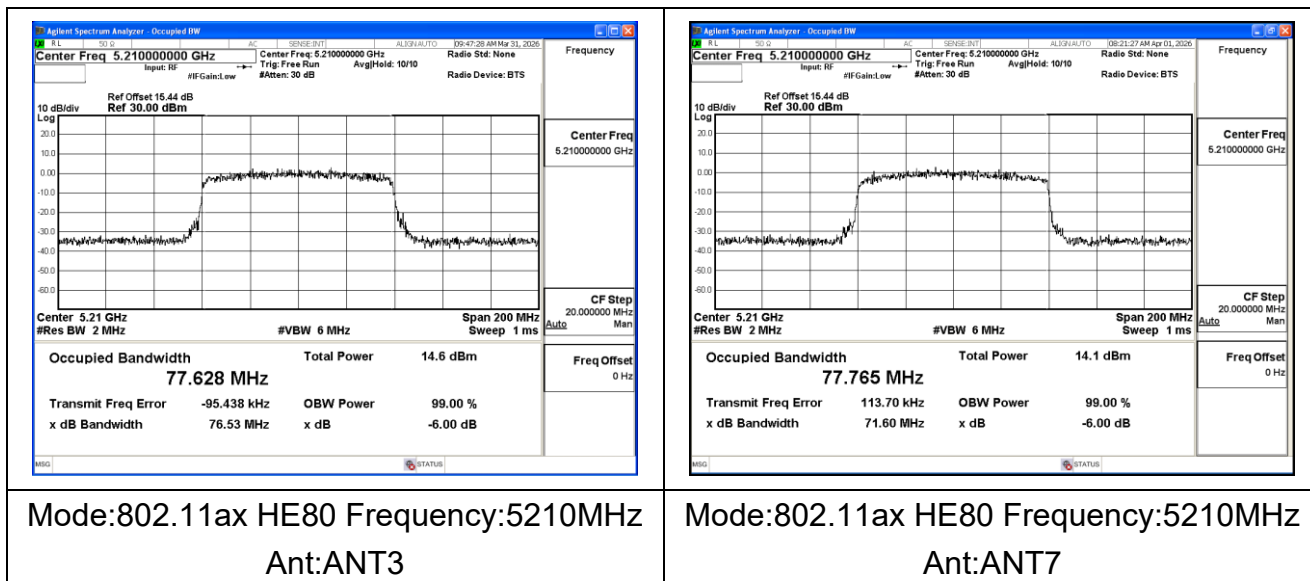


Test Report No.: RF260330B008

Test Mode: 802.11ac VHT80



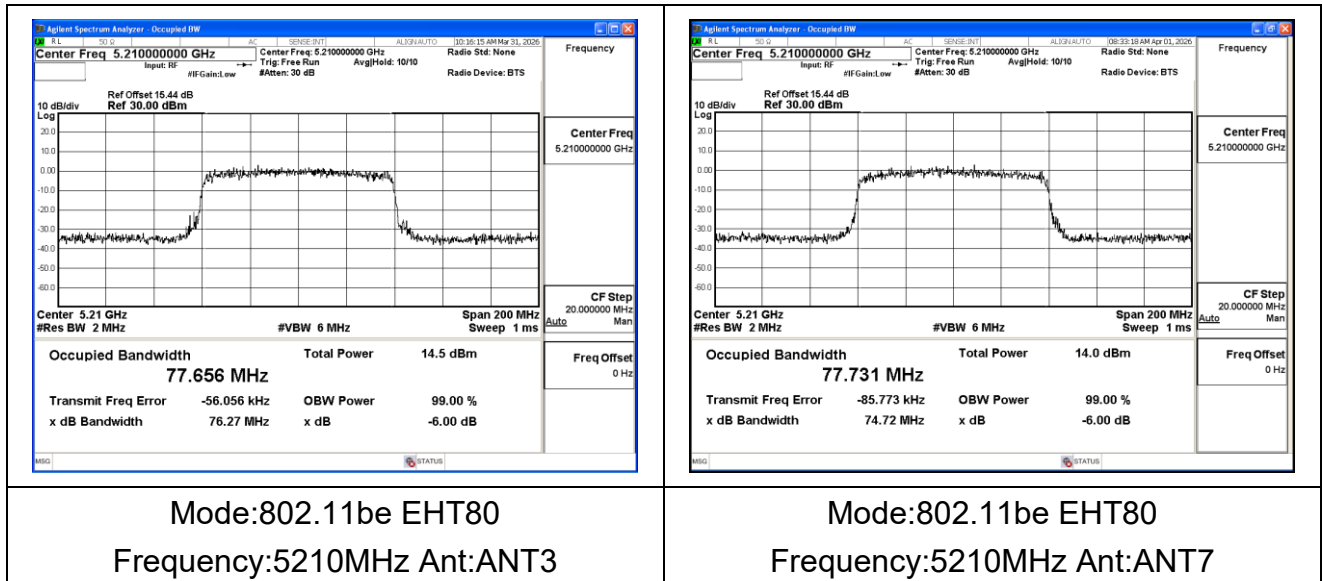
Test Mode: 802.11ax HE80



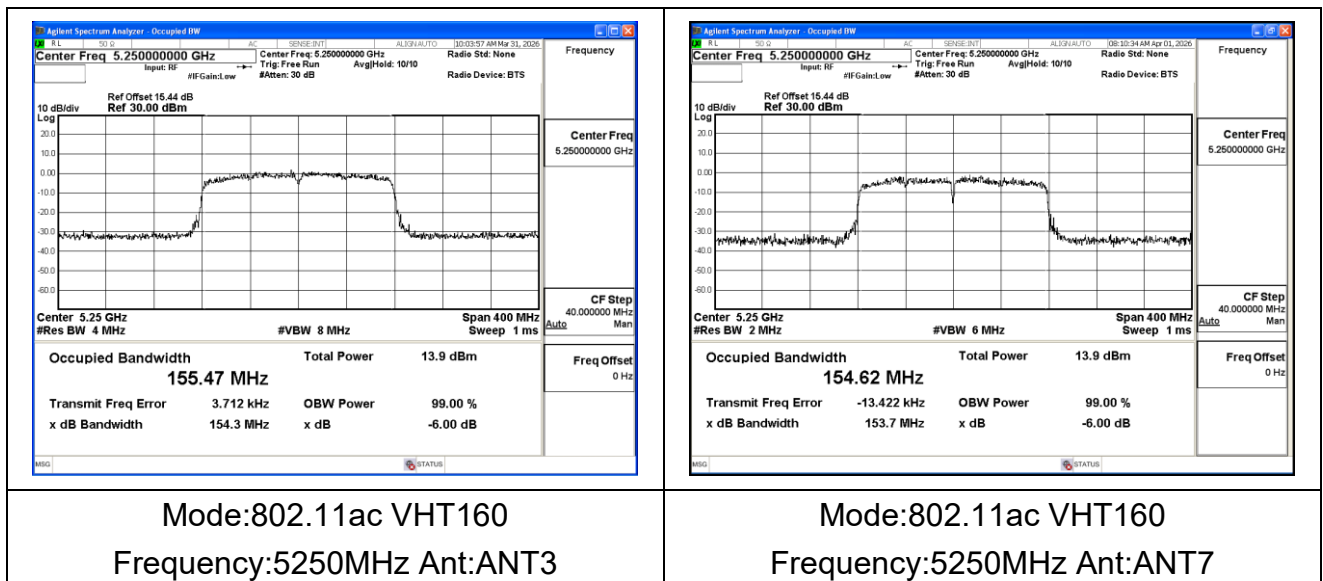


Test Report No.: RF260330B008

Test Mode: 802.11be EHT80



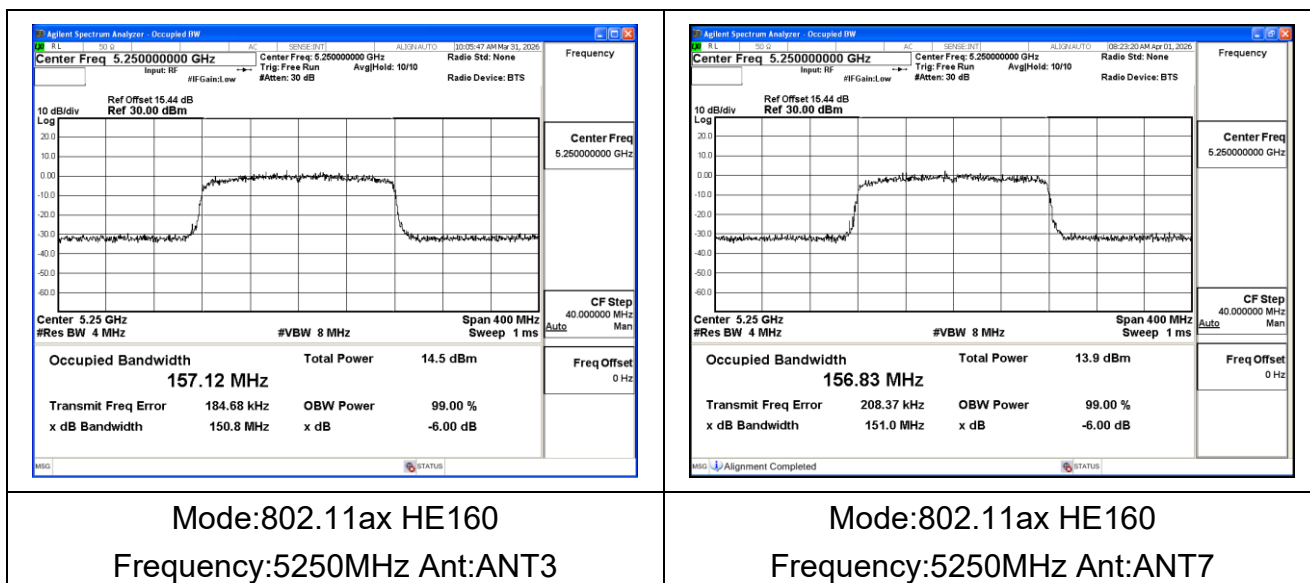
Test Mode: 802.11ac VHT160



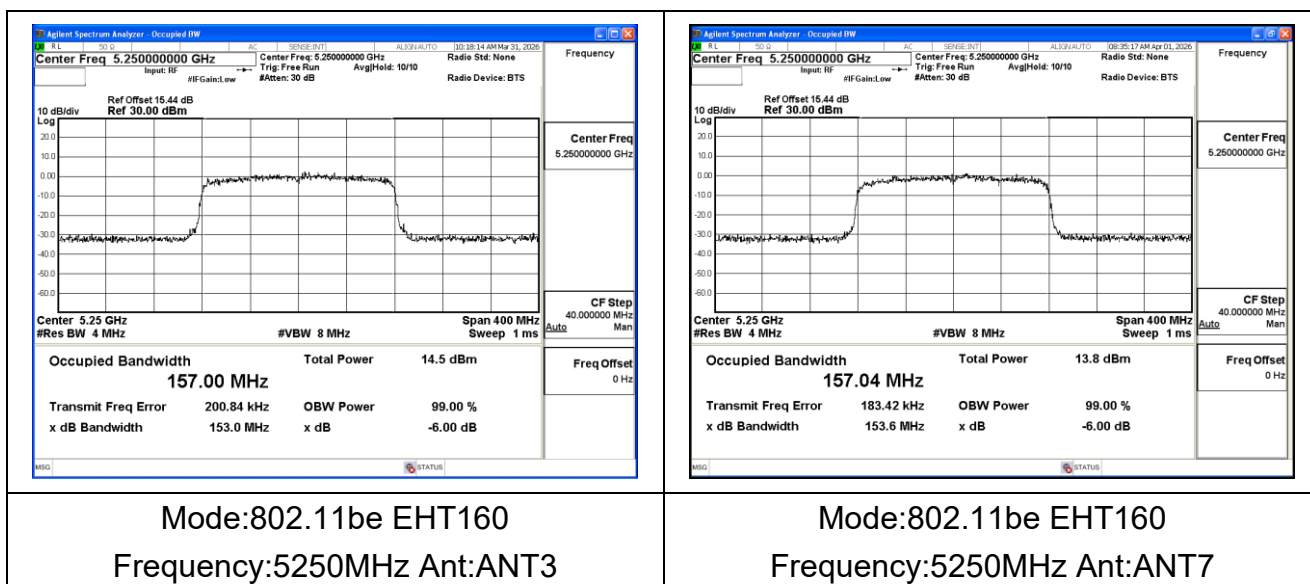


Test Report No.: RF260330B008

Test Mode: 802.11ax HE160



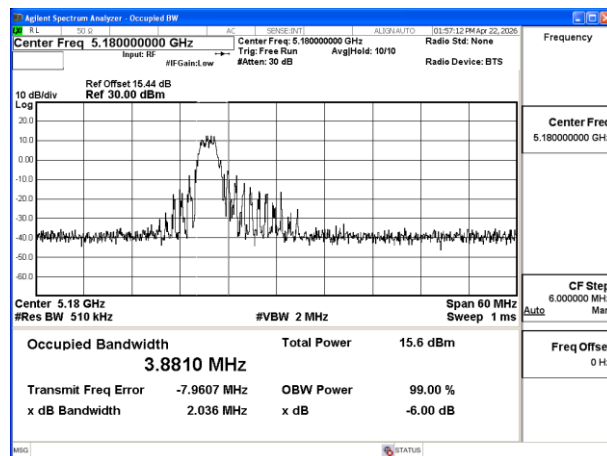
Test Mode: 802.11be EHT160



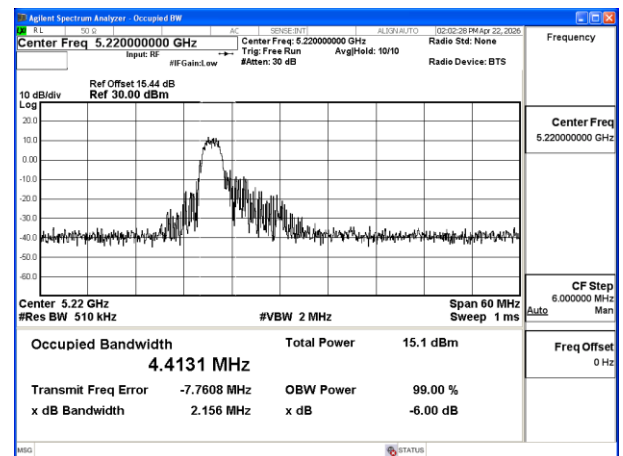
Test Mode: 802.11ax HE20 26T



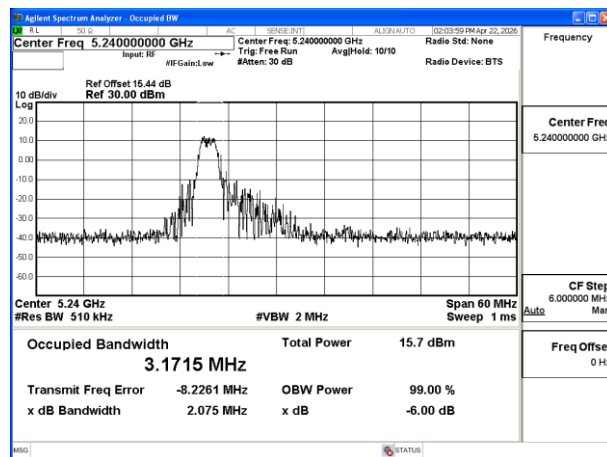
Test Report No.: RF260330B008



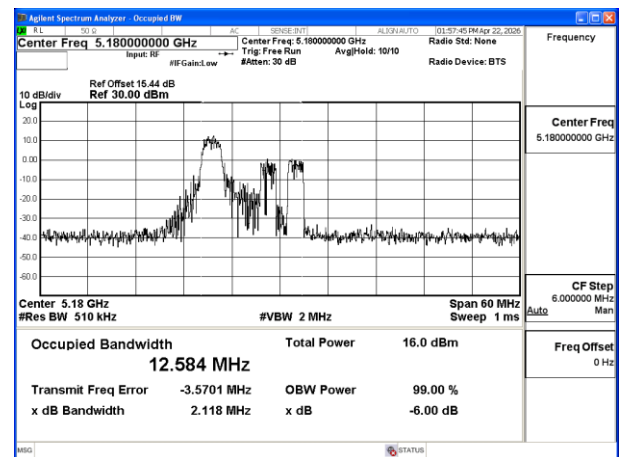
Mode:802.11ax HE20 26T
Frequency:5180MHz Ant:ANT3



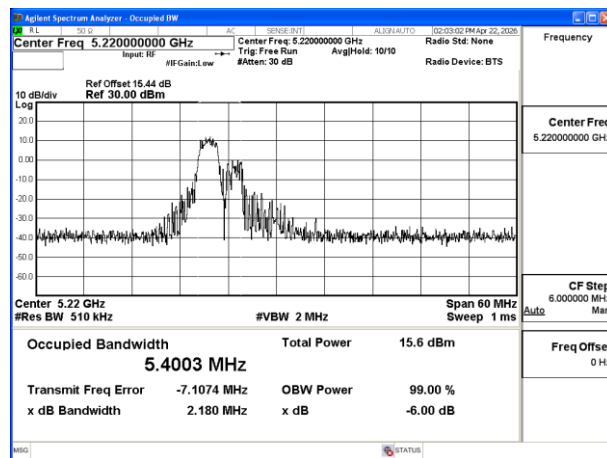
Mode:802.11ax HE20 26T
Frequency:5220MHz Ant:ANT3



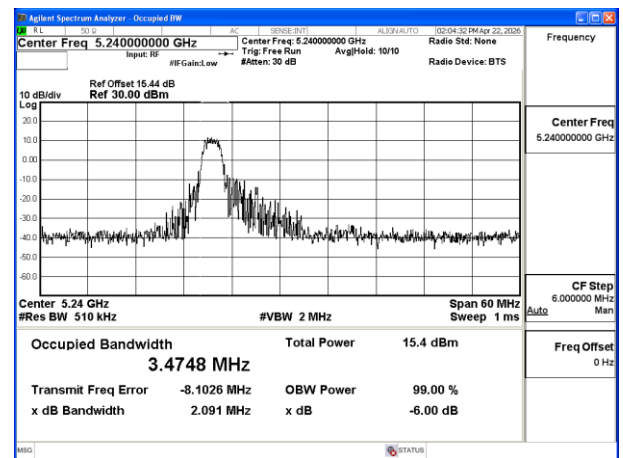
Mode:802.11ax HE20 26T
Frequency:5240MHz Ant:ANT3



Mode:802.11ax HE20 26T
Frequency:5180MHz Ant:ANT7



Mode:802.11ax HE20 26T
Frequency:5220MHz Ant:ANT7

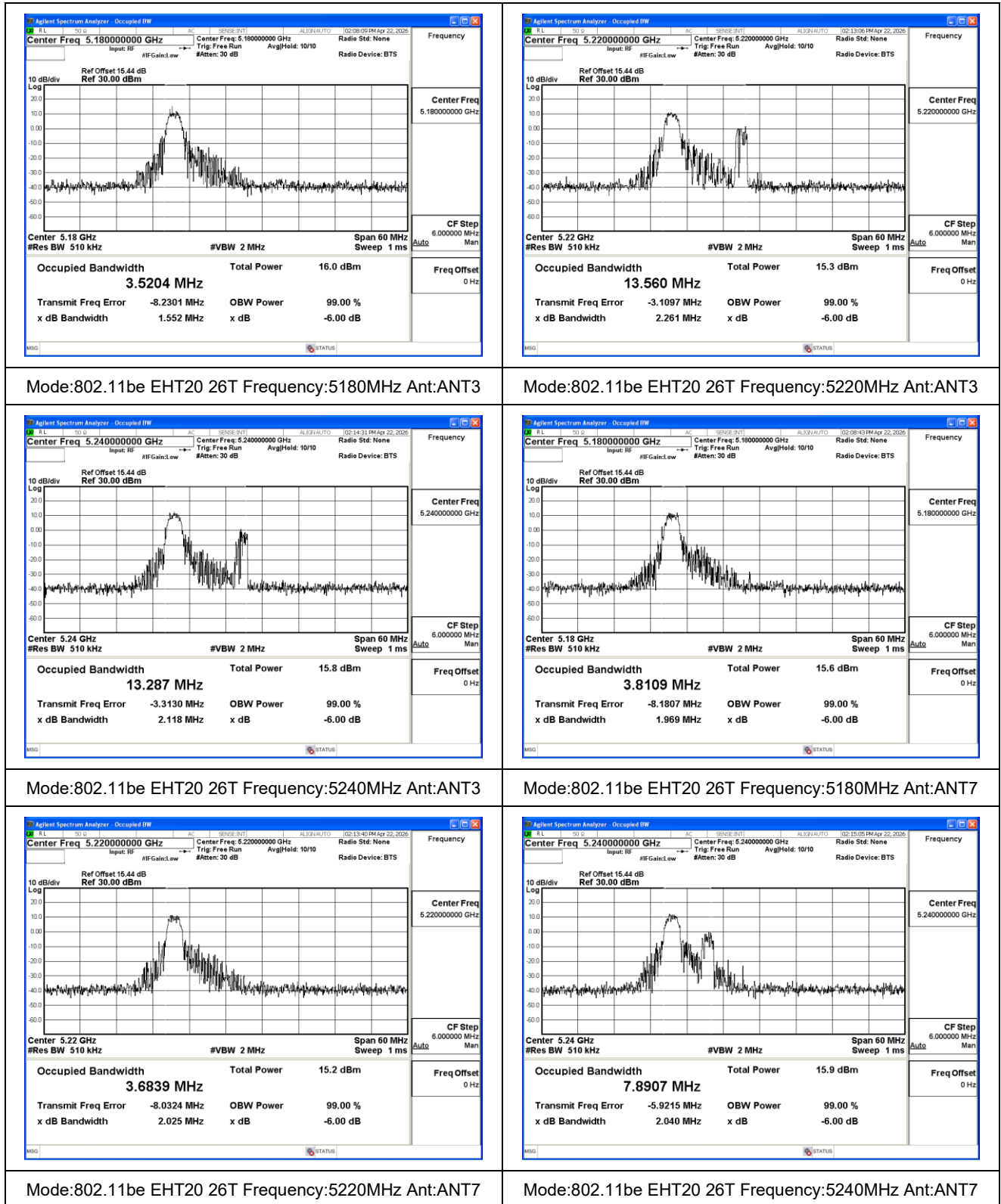


Mode:802.11ax HE20 26T
Frequency:5240MHz Ant:ANT7



Test Report No.: RF260330B008

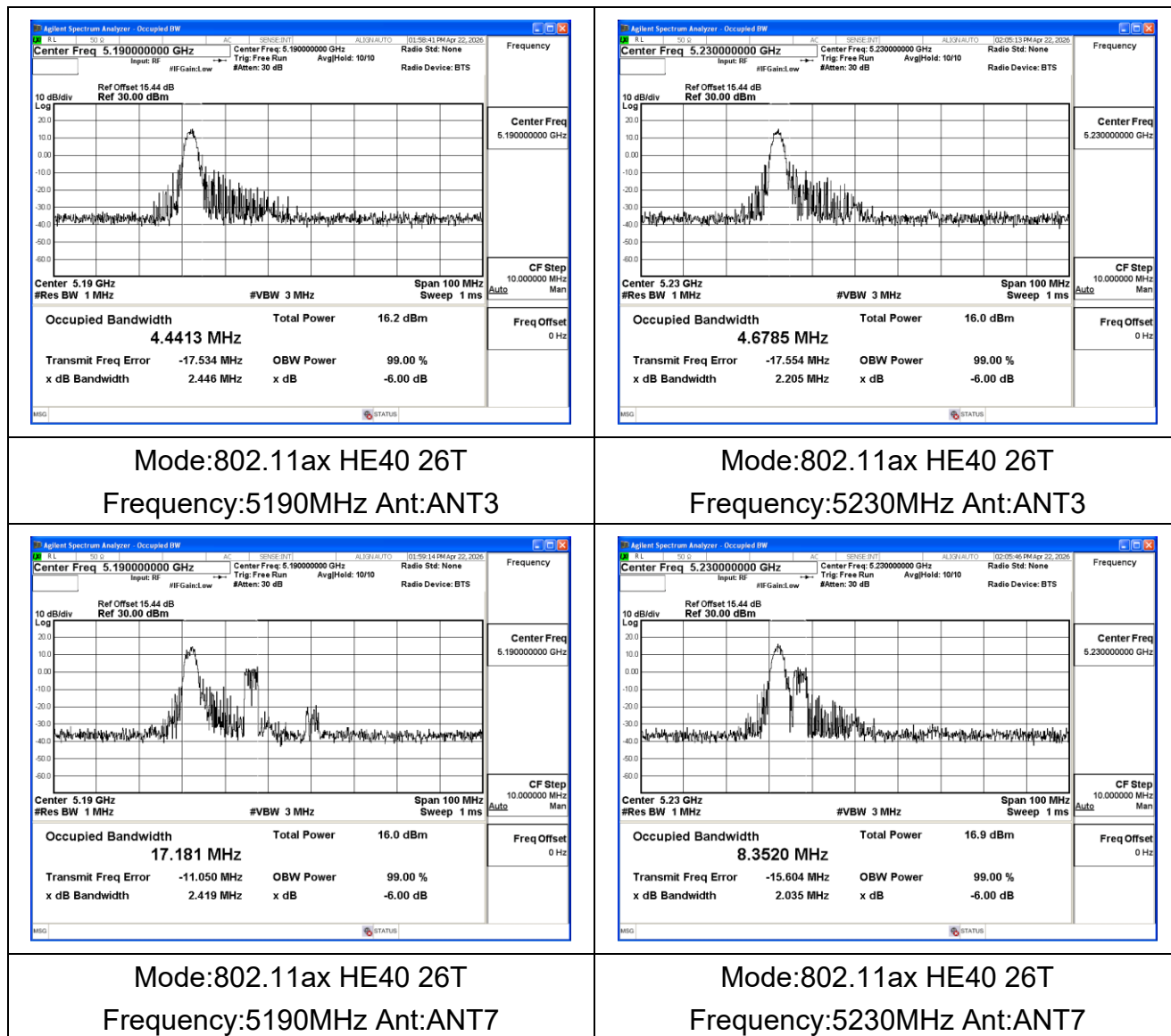
Test Mode: 802.11be EHT20 26T





Test Report No.: RF260330B008

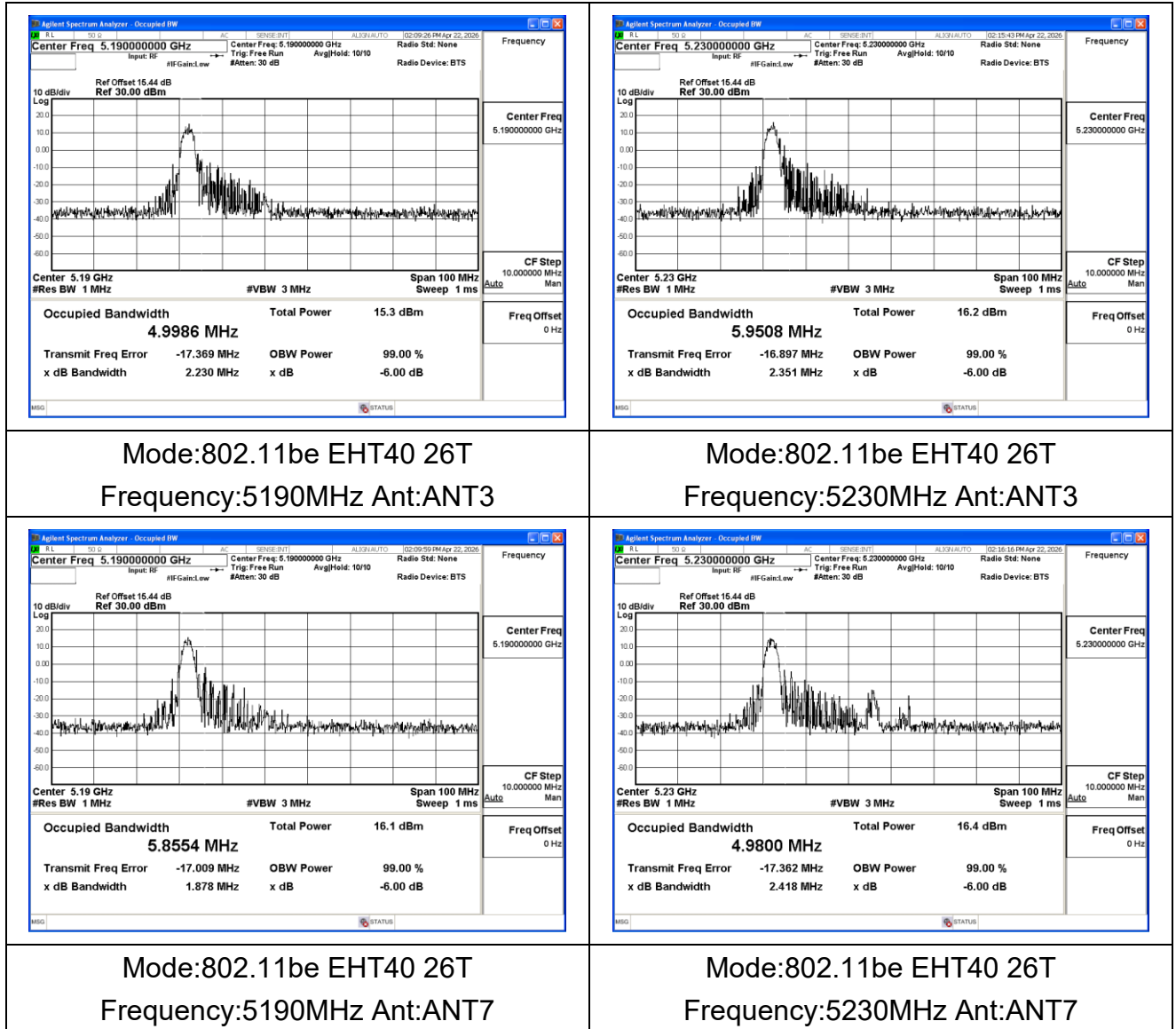
Test Mode: 802.11ax HE40 26T





Test Report No.: RF260330B008

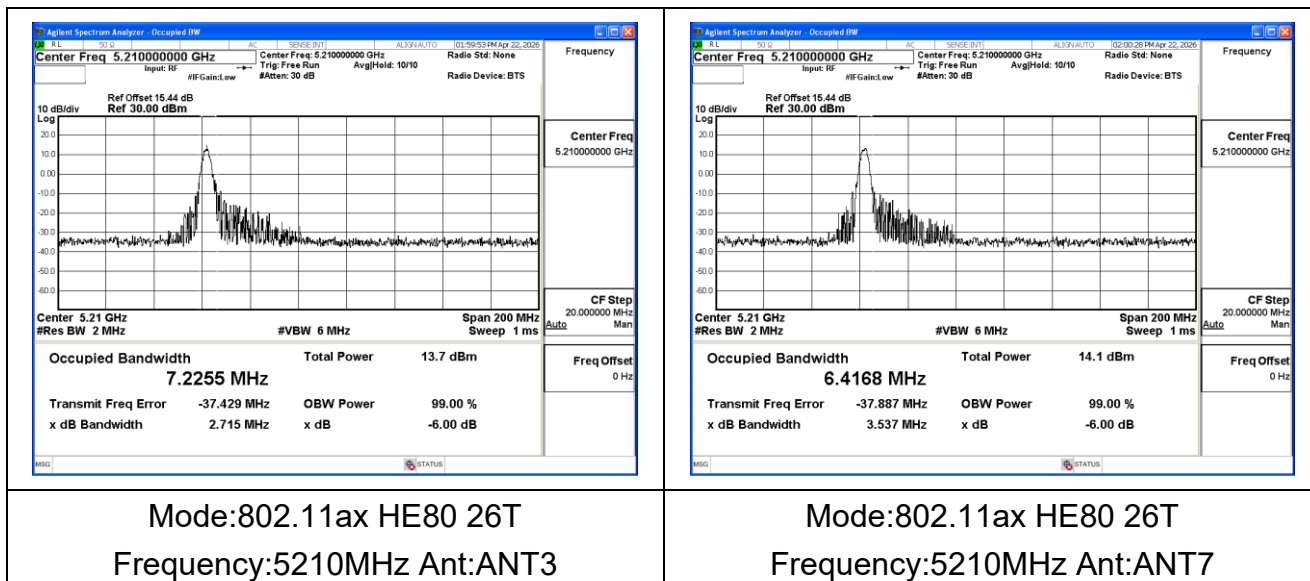
Test Mode: 802.11be EHT40 26T



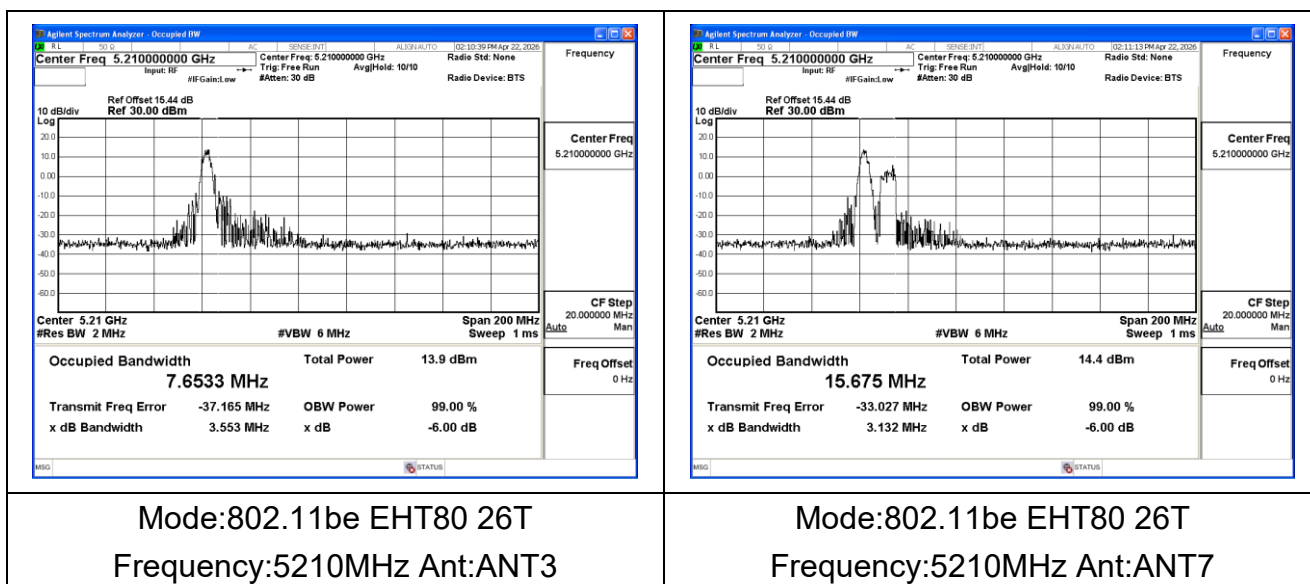


Test Report No.: RF260330B008

Test Mode: 802.11ax HE80 26T



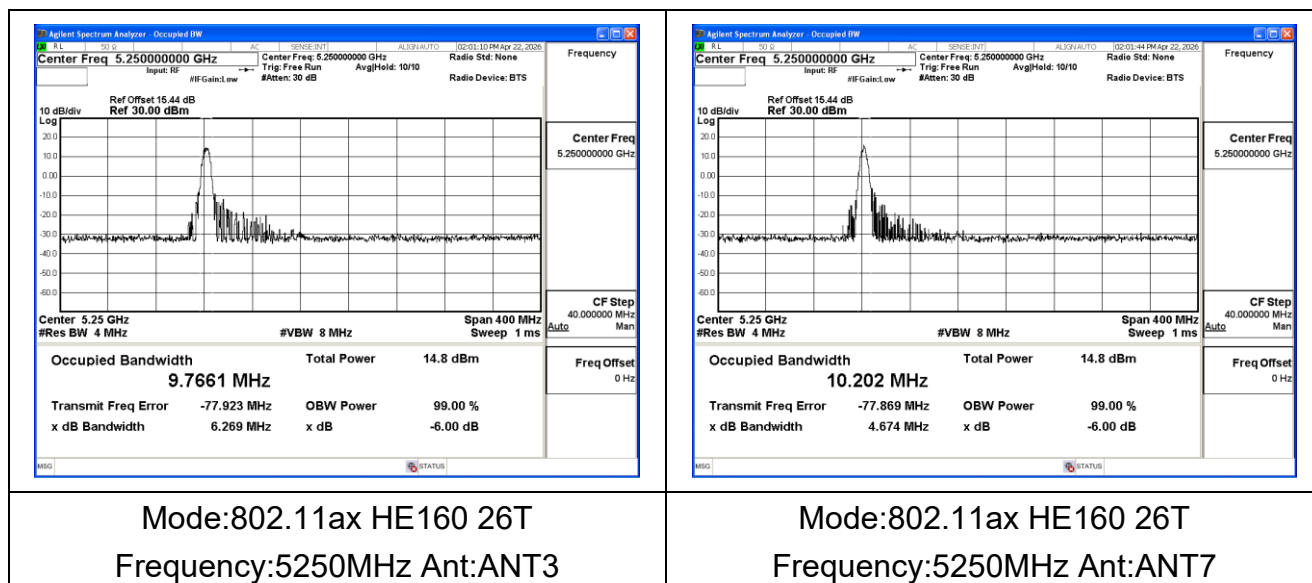
Test Mode: 802.11be EHT80 26T



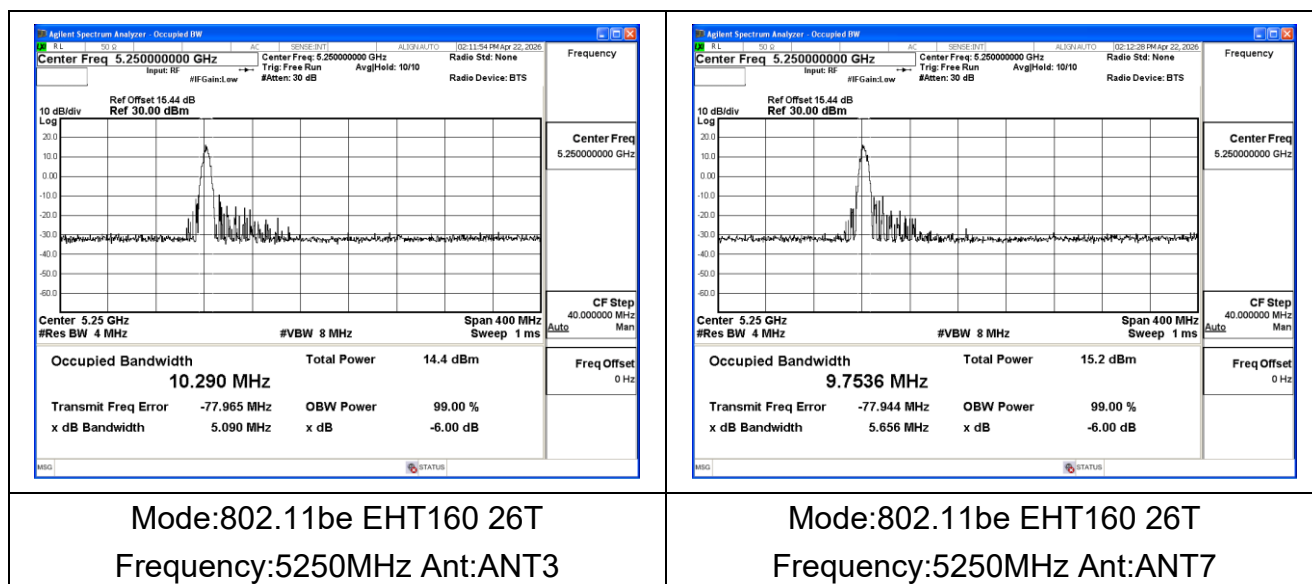


Test Report No.: RF260330B008

Test Mode: 802.11ax HE160 26T



Test Mode: 802.11be EHT160 26T



Test Report No.: RF260330B008

Transmitter Power Spectral Density

Offset 15.44dB = Attenuator + Temporary antenna connector loss + Cable loss+ Gain

Note: The test table includes duty cycle compensation

EIRP Power Spectral Density								
Test Mode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)
802.11a	ANT3	NA	-4.00	-0.646	-4.00	-0.532	-4.00	-0.294
802.11a	ANT7	NA	1.10	3.783	1.10	3.914	1.10	4.009
802.11n HT20	ANT3	NA	-4.00	-3.756	-4.00	-3.543	-4.00	-3.420
802.11n HT20	ANT7	NA	1.10	0.681	1.10	0.911	1.10	1.004
802.11n HT20	MIMO	NA	-0.74	2.195	-0.74	2.416	-0.74	2.525
802.11ac VHT20	ANT3	NA	-4.00	-3.777	-4.00	-3.548	-4.00	-3.393
802.11ac VHT20	ANT7	NA	1.10	0.974	1.10	1.177	1.10	1.236
802.11ac VHT20	MIMO	NA	-0.74	2.322	-0.74	2.539	-0.74	2.648
802.11ax HE20	ANT3	26T	-4.00	-3.021	-4.00	-3.325	-4.00	-4.369
802.11ax HE20	ANT7	26T	1.10	1.794	1.10	1.341	1.10	0.852
802.11ax HE20	MIMO	26T	-0.74	3.109	-0.74	2.734	-0.74	1.962
802.11ax HE20	ANT3	52T	-4.00	-3.896	-4.00	-3.767	-4.00	-4.069
802.11ax HE20	ANT7	52T	1.10	1.218	1.10	1.326	1.10	0.965
802.11ax HE20	MIMO	52T	-0.74	2.381	-0.74	2.500	-0.74	2.168
802.11ax	ANT3	106T	-4.00	-4.557	-4.00	-3.795	-4.00	-3.716

Test Report No.: RF260330B008

HE20								
802.11ax HE20	ANT7	106T	1.10	0.788	1.10	0.962	1.10	0.944
802.11ax HE20	MIMO	106T	-0.74	1.838	-0.74	2.307	-0.74	2.340
802.11ax HE20	ANT3	242T	-4.00	-4.386	-4.00	-4.114	-4.00	-3.967
802.11ax HE20	ANT7	242T	1.10	0.246	1.10	0.374	1.10	0.505
802.11ax HE20	MIMO	242T	-0.74	1.657	-0.74	1.861	-0.74	2.001
802.11be EHT20	ANT3	26T	-4.00	-3.555	-4.00	-3.887	-4.00	-4.271
802.11be EHT20	ANT7	26T	1.10	1.721	1.10	1.265	1.10	0.863
802.11be EHT20	MIMO	26T	-0.74	2.804	-0.74	2.409	-0.74	2.016
802.11be EHT20	ANT3	52T	-4.00	-3.857	-4.00	-3.780	-4.00	-4.096
802.11be EHT20	ANT7	52T	1.10	1.218	1.10	1.323	1.10	0.960
802.11be EHT20	MIMO	52T	-0.74	2.401	-0.74	2.492	-0.74	2.152
802.11be EHT20	ANT3	106T	-4.00	-4.406	-4.00	-4.061	-4.00	-4.158
802.11be EHT20	ANT7	106T	1.10	0.815	1.10	0.942	1.10	0.970
802.11be EHT20	MIMO	106T	-0.74	1.925	-0.74	2.161	-0.74	2.126
802.11be EHT20	ANT3	242T	-4.00	-4.396	-4.00	-4.117	-4.00	-3.923
802.11be EHT20	ANT7	242T	1.10	0.193	1.10	0.327	1.10	0.511
802.11be EHT20	MIMO	242T	-0.74	1.626	-0.74	1.838	-0.74	2.027
802.11be	ANT3	26+52	-4.00	-8.620	-4.00	-8.565	-4.00	-9.023

Test Report No.: RF260330B008

EHT20								
802.11be EHT20	ANT7	26+52	1.10	-0.566	1.10	0.117	1.10	-0.354
802.11be EHT20	MIMO	26+52	-0.74	-0.626	-0.74	-0.144	-0.74	-0.611
802.11be EHT20	ANT3	26+106	-4.00	-4.747	-4.00	-4.437	-4.00	-4.449
802.11be EHT20	ANT7	26+106	1.10	-0.424	1.10	-0.399	1.10	-0.428
802.11be EHT20	MIMO	26+106	-0.74	1.152	-0.74	1.335	-0.74	1.315

Test Report No.: RF260330B008

EIRP Power Spectral Density								
Test Mode	Antenna	Tones	5190MHz		---		5230MHz	
			Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)
802.11n HT40	ANT3	NA	-4.00	-6.202	---	---	-4.00	-6.210
802.11n HT40	ANT7	NA	1.10	-1.696	---	---	1.10	-2.030
802.11n HT40	MIMO	NA	-0.74	-0.219	---	---	-0.74	-0.375
802.11ac VHT40	ANT3	NA	-4.00	-9.477	---	---	-4.00	-6.303
802.11ac VHT40	ANT7	NA	1.10	-1.623	---	---	1.10	-1.939
802.11ac VHT40	MIMO	NA	-0.74	-1.615	---	---	-0.74	-0.385
802.11ax HE40	ANT3	484T	-4.00	-10.231	---	---	-4.00	-10.313
802.11ax HE40	ANT7	484T	1.10	-4.546	---	---	1.10	-4.960
802.11ax HE40	MIMO	484T	-0.74	-3.658	---	---	-0.74	-3.914
802.11be EHT40	ANT3	484T	-4.00	-9.851	---	---	-4.00	-9.763
802.11be EHT40	ANT7	484T	1.10	-5.237	---	---	1.10	-5.595
802.11be EHT40	MIMO	484T	-0.74	-3.817	---	---	-0.74	-3.934

Test Report No.: RF260330B008

EIRP Power Spectral Density								
Test Mode	Antenna	Tones	5210MHz		---		---	
			Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)
802.11ac VHT80	ANT3	NA	-4.00	-9.422	---	---	---	---
802.11ac VHT80	ANT7	NA	1.10	-4.462	---	---	---	---
802.11ac VHT80	MIMO	NA	-0.74	-3.221	---	---	---	---
802.11ax HE80	ANT3	996T	-4.00	-12.579	---	---	---	---
802.11ax HE80	ANT7	996T	1.10	-7.764	---	---	---	---
802.11ax HE80	MIMO	996T	-0.74	-6.449	---	---	---	---
802.11b e EHT80	ANT3	996T	-4.00	-12.657	---	---	---	---
802.11b e EHT80	ANT7	996T	1.10	-7.720	---	---	---	---
802.11b e EHT80	MIMO	996T	-0.74	-6.467	---	---	---	---
802.11b e EHT80	ANT3	242+484	-4.00	-14.662	---	---	---	---
802.11b e EHT80	ANT7	242+484	1.10	-9.525	---	---	---	---
802.11b e EHT80	MIMO	242+484	-0.74	-8.373	---	---	---	---

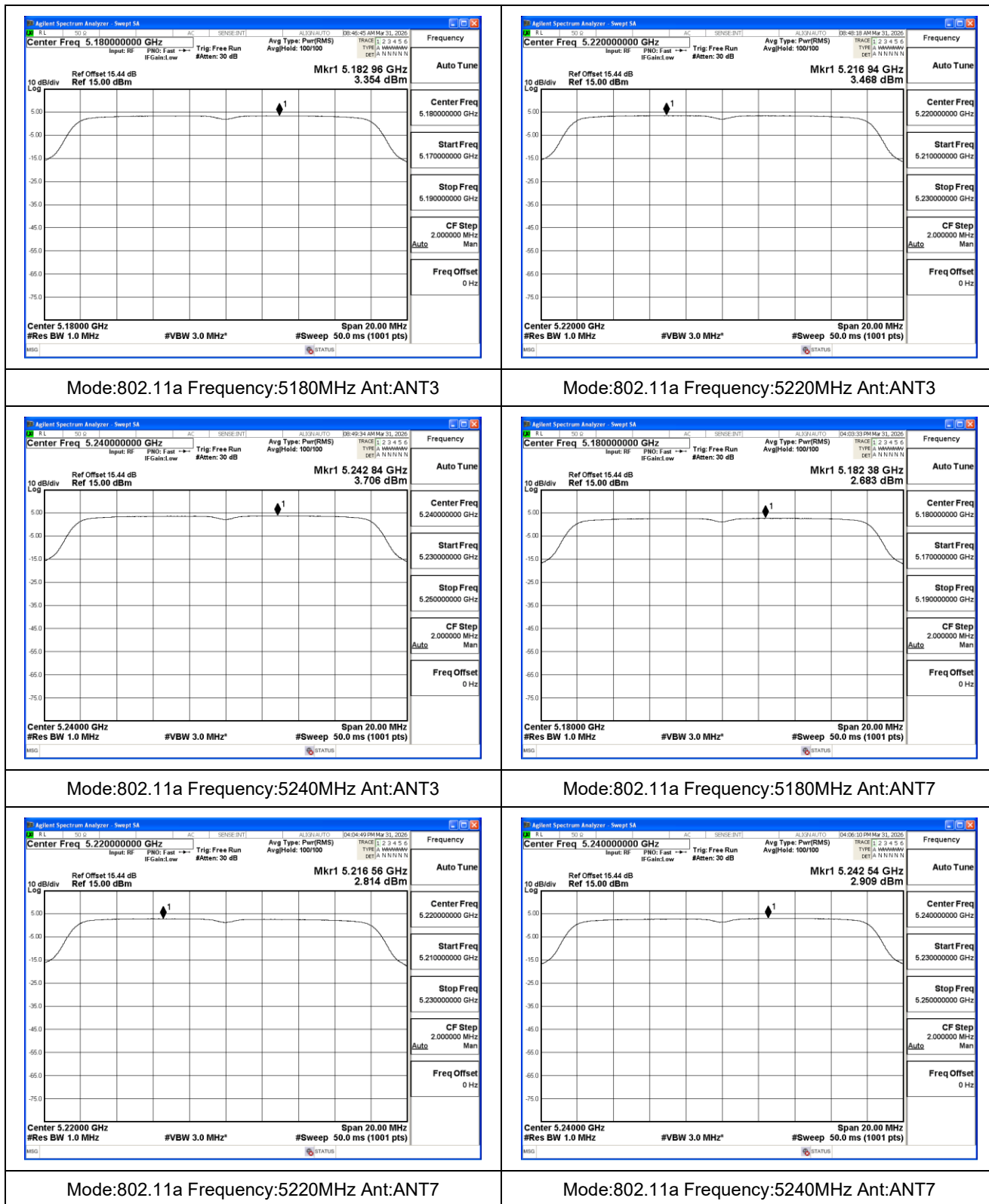
Test Report No.: RF260330B008

EIRP Power Spectral Density								
Test Mode	Antenna	Tones	5250MHz		---		---	
			Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)	Gain(dBi)	Power Density (dBm/MHz)
802.11ac VHT160	ANT3	NA	-4.00	-12.424	---	---	---	---
802.11ac VHT160	ANT7	NA	1.10	-8.292	---	---	---	---
802.11ac VHT160	MIMO	NA	-0.74	-6.611	---	---	---	---
802.11ax HE160	ANT3	1992T	-4.00	-12.400	---	---	---	---
802.11ax HE160	ANT7	1992T	1.10	-7.846	---	---	---	---
802.11ax HE160	MIMO	1992T	-0.74	-6.394	---	---	---	---
802.11be EHT160	ANT3	1992T	-4.00	-12.482	---	---	---	---
802.11be EHT160	ANT7	1992T	1.10	-7.679	---	---	---	---
802.11be EHT160	MIMO	1992T	-0.74	-6.358	---	---	---	---
802.11be EHT160	ANT3	484+996	-4.00	-14.894	---	---	---	---
802.11be EHT160	ANT7	484+996	1.10	-9.424	---	---	---	---
802.11be EHT160	MIMO	484+996	-0.74	-8.435	---	---	---	---



Test Report No.: RF260330B008

Test Mode: 802.11a



BOOMWAVE TEST (SHENZHEN)
CO., LTD.

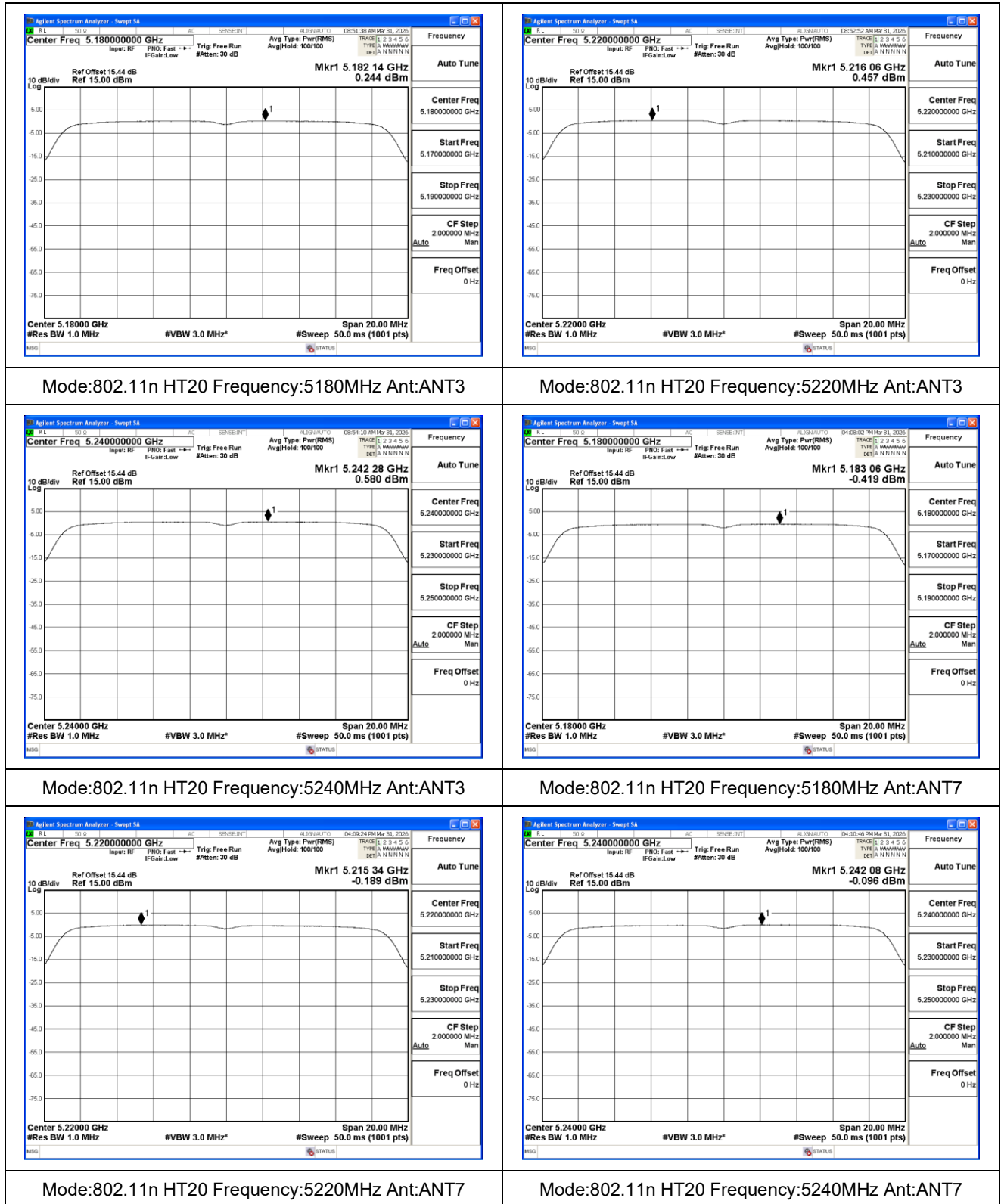
Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B008

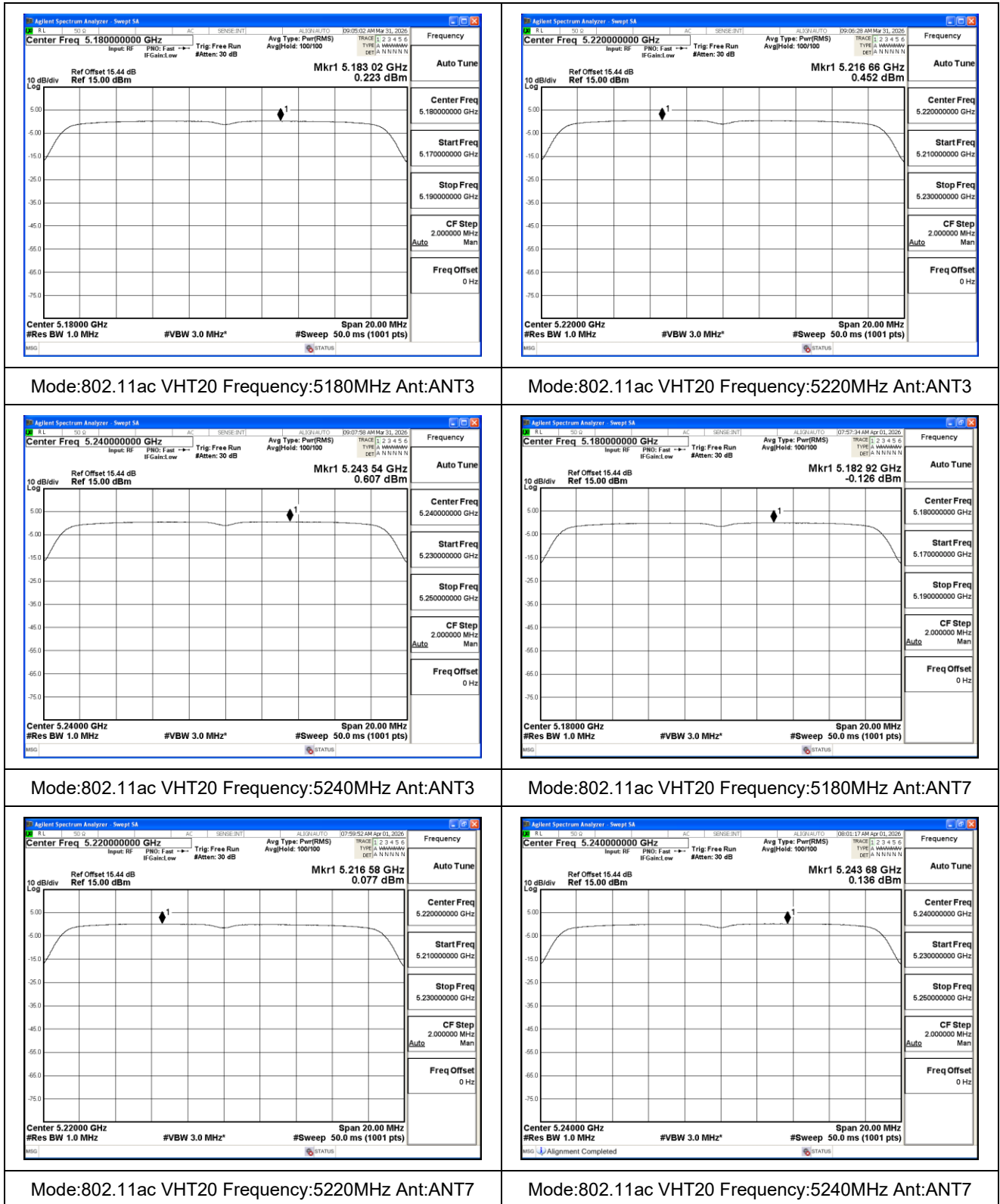
Test Mode: 802.11n HT20





Test Report No.: RF260330B008

Test Mode: 802.11ac VHT20



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CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com