



Test Report No.: RF260330B008

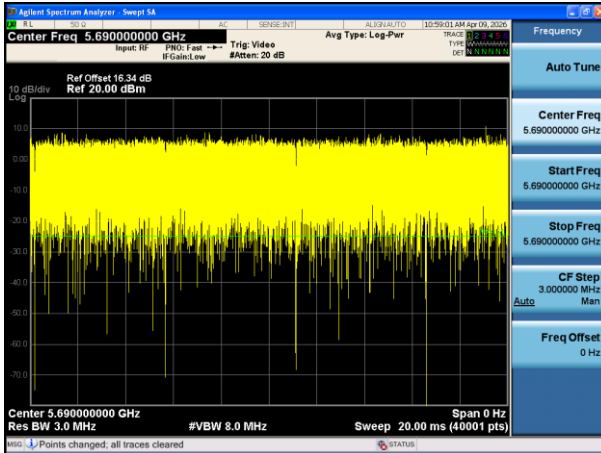


Fig.17

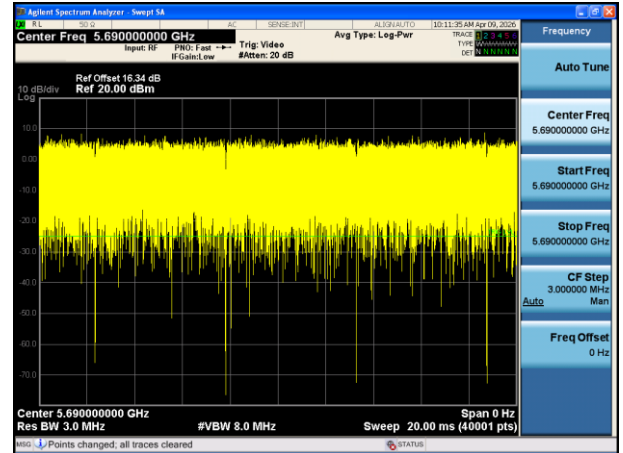


Fig.18

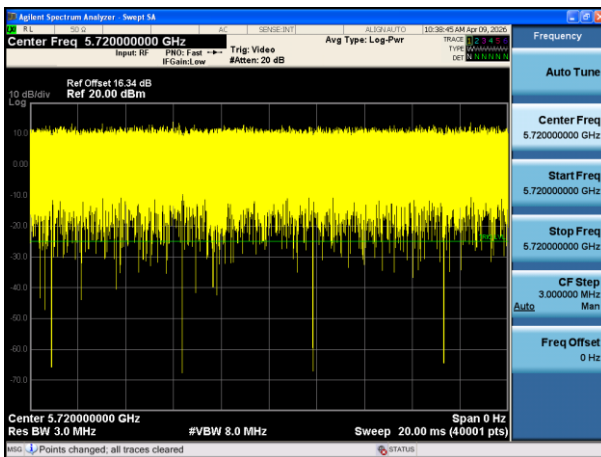


Fig.19

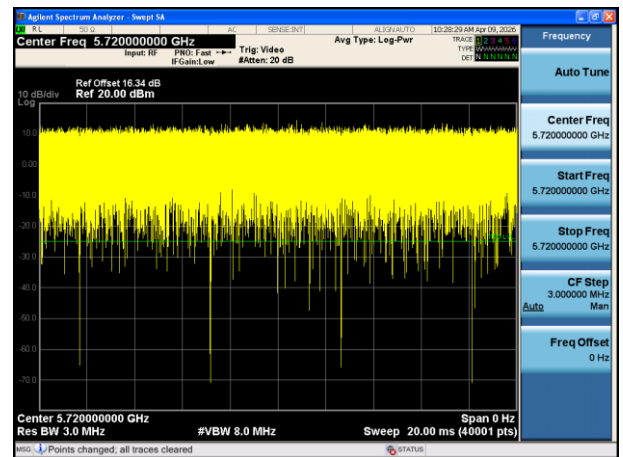


Fig.20

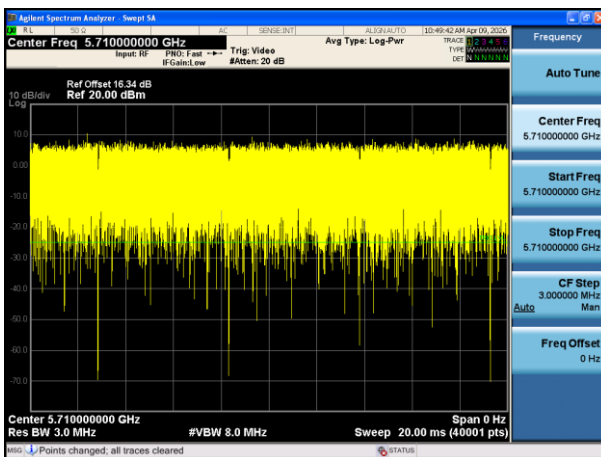


Fig.21

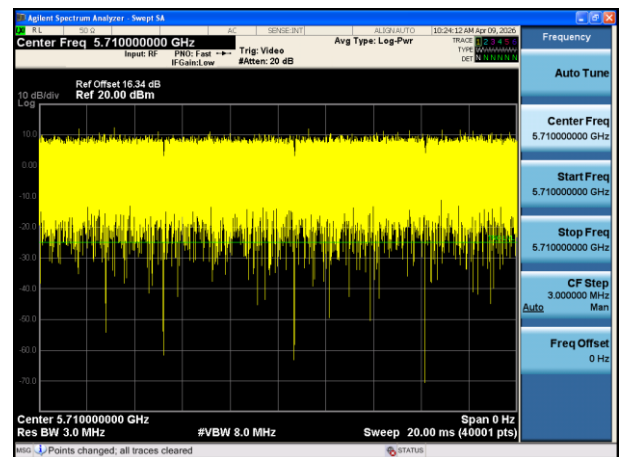
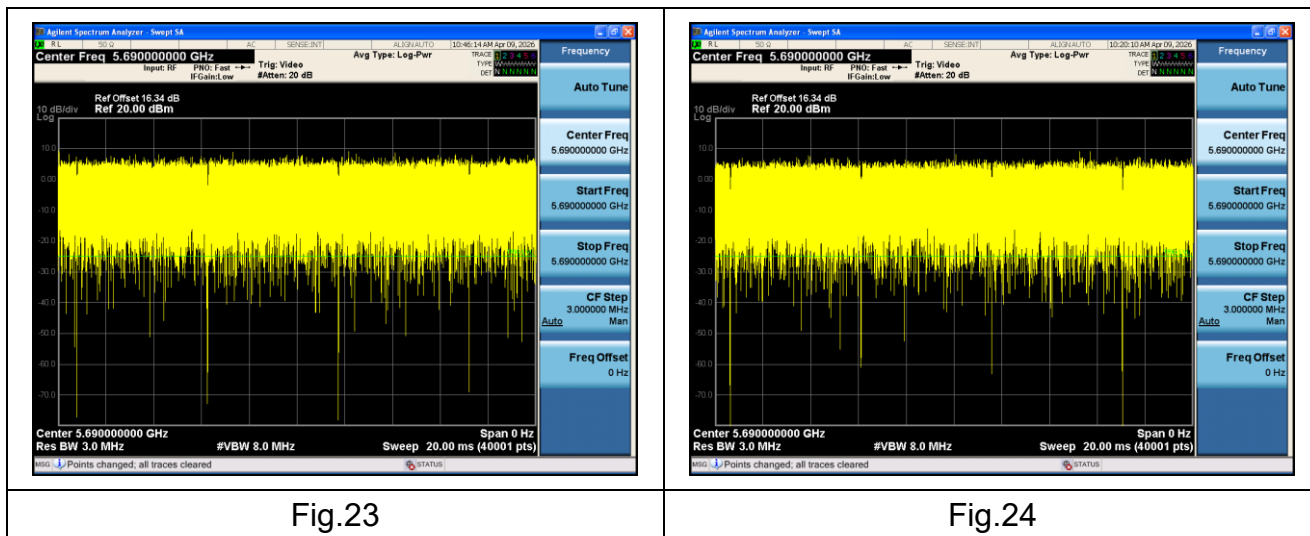


Fig.22

Test Report No.: RF260330B008



Test Report No.: RF260330B008

OUTPUT POWER

NII2C

Mode	Ant	Channel	Frequency (MHz)	Conducted power 2C (dBm)	EIRP power 2C (dBm)	Conducted power 3 (dBm)	EIRP power 3 (dBm)	Conducted power Full (dBm)
802.11a	Ant3	144	5720	10.43	8.23	3.33	1.13	11.20
802.11n HT20	Ant3	144	5720	11.07	8.87	3.53	1.33	11.77
802.11n HT40	Ant3	142	5710	9.99	7.79	-0.77	-2.97	10.34
802.11ac VHT20	Ant3	144	5720	11.13	8.93	4.33	2.13	11.95
802.11ac VHT40	Ant3	142	5710	10.52	8.32	-0.27	-2.47	10.87
802.11ac VHT80	Ant3	138	5690	11.24	9.04	-3.34	-5.54	11.39
802.11ax HE20	Ant3	144	5720	10.73	8.53	5.23	3.03	11.81
802.11ax HE40	Ant3	142	5710	10.86	8.66	1.90	-0.30	11.38

Test Report No.: RF260330B008

802.11ax HE80	Ant3	138	5690	10.84	8.64	-1.46	-3.66	11.09
802.11be EHT20	Ant3	144	5720	10.76	8.56	5.17	2.97	11.82
802.11be EHT40	Ant3	142	5710	10.89	8.69	1.92	-0.28	11.41
802.11be EHT80	Ant3	138	5690	10.85	8.65	-1.62	-3.82	11.09
802.11ax HE20 RU26T 0	Ant3	144	5720	2.81	0.61	-25.55	-27.75	2.82
802.11ax HE20 RU26T 4	Ant3	144	5720	2.61	0.41	-25.15	-27.35	2.62
802.11ax HE20 RU26T 8	Ant3	144	5720	-19.53	-21.73	2.05	-0.15	2.08
802.11ax HE20 RU52T 37	Ant3	144	5720	5.94	3.74	-22.75	-24.95	5.95
802.11ax HE20 RU52T 39	Ant3	144	5720	5.67	3.47	-22.88	-25.08	5.68
802.11ax HE20 RU52T 40	Ant3	144	5720	-14.77	-16.97	5.88	3.68	5.92

Test Report No.: RF260330B008

802.11ax HE20 RU106T 53	Ant3	144	5720	8.41	6.21	-20.23	-22.43	8.42
802.11ax HE20 RU106T 54	Ant3	144	5720	5.08	2.88	5.78	3.58	8.45
802.11be EHT20 RU26T 0	Ant3	144	5720	2.87	0.67	-26.17	-28.37	2.88
802.11be EHT20 RU26T 4	Ant3	144	5720	2.37	0.17	-25.51	-27.71	2.38
802.11be EHT20 RU26T 8	Ant3	144	5720	-19.10	-21.30	2.57	0.37	2.60
802.11be EHT20 RU52T 37	Ant3	144	5720	5.87	3.67	-23.38	-25.58	5.88
802.11be EHT20 RU52T 39	Ant3	144	5720	5.32	3.12	-23.76	-25.96	5.33
802.11be EHT20 RU52T 40	Ant3	144	5720	-15.21	-17.41	5.38	3.18	5.42
802.11be EHT20 RU106T 53	Ant3	144	5720	9.04	6.84	-19.56	-21.76	9.05
802.11be EHT20 RU106T 54	Ant3	144	5720	5.23	3.03	5.98	3.78	8.63

Test Report No.: RF260330B008

802.11a	Ant7	144	5720	11.19	10.49	3.50	2.80	11.87
802.11n HT20	Ant7	142	5710	9.98	9.28	-0.80	-1.50	10.33
802.11n HT40	Ant7	144	5720	11.10	10.40	4.51	3.81	11.96
802.11ac VHT20	Ant7	142	5710	10.55	9.85	-0.33	-1.03	10.89
802.11ac VHT40	Ant7	138	5690	11.27	10.57	-3.44	-4.14	11.41
802.11ac VHT80	Ant7	144	5720	10.83	10.13	5.25	4.55	11.89
802.11ax HE20	Ant7	142	5710	10.77	10.07	1.99	1.29	11.31
802.11ax HE40	Ant7	138	5690	10.89	10.19	-1.55	-2.25	11.13
802.11ax HE80	Ant7	144	5720	10.33	9.63	5.01	4.31	11.45
802.11be EHT20	Ant7	142	5710	10.80	10.10	1.99	1.29	11.34

Test Report No.: RF260330B008

802.11be EHT40	Ant7	138	5690	10.82	10.12	-1.44	-2.14	11.07
802.11be EHT80	Ant7	144	5720	2.86	2.16	-25.63	-26.33	2.87
802.11ax HE20 RU26T 0	Ant7	144	5720	2.39	1.69	-25.55	-26.25	2.40
802.11ax HE20 RU26T 4	Ant7	144	5720	-18.91	-19.61	2.60	1.90	2.63
802.11ax HE20 RU26T 8	Ant7	144	5720	5.44	4.74	-23.37	-24.07	5.45
802.11ax HE20 RU52T 37	Ant7	144	5720	5.35	4.65	-23.24	-23.94	5.36
802.11ax HE20 RU52T 39	Ant7	144	5720	-15.27	-15.97	5.38	4.68	5.42
802.11ax HE20 RU52T 40	Ant7	144	5720	8.33	7.63	-20.43	-21.13	8.34
802.11ax HE20 RU106T 53	Ant7	144	5720	4.49	3.79	5.19	4.49	7.86
802.11ax HE20 RU106T 54	Ant7	144	5720	2.81	2.11	-25.99	-26.69	2.82

Test Report No.: RF260330B008

802.11be EHT20 RU26T 0	Ant7	144	5720	2.44	1.74	-25.32	-26.02	2.45
802.11be EHT20 RU26T 4	Ant7	144	5720	-18.97	-19.67	2.58	1.88	2.61
802.11be EHT20 RU26T 8	Ant7	144	5720	5.91	5.21	-23.35	-24.05	5.92
802.11be EHT20 RU52T 37	Ant7	144	5720	5.41	4.71	-23.31	-24.01	5.42
802.11be EHT20 RU52T 39	Ant7	144	5720	-15.18	-15.88	5.37	4.67	5.41
802.11be EHT20 RU52T 40	Ant7	144	5720	8.59	7.89	-20.27	-20.97	8.60
802.11be EHT20 RU106T 53	Ant7	144	5720	5.54	4.84	6.11	5.41	8.84
802.11be EHT20 RU106T 54	Ant7	144	5720	11.19	10.49	3.50	2.80	11.87

Mode	MIMO Conducted power (dBm)	Mode	MIMO Conducted power (dBm)	Mode	MIMO Conducted power (dBm)	Mode	MIMO Conducted power (dBm)
802.11n HT20	14.83	802.11 be EHT20	14.65	802.11 ax HE20	8.68	802.11b e EHT20 RU52T	8.42

Test Report No.: RF260330B008

				RU52T 40		40	
802.11n HT40	13.34	802.11 be EHT40	14.38	802.11 ax HE20 RU106 T 53	11.39	802.11b e EHT20 RU106T 53	11.84
802.11ac VHT20	14.97	802.11 be EHT80	14.09	802.11 ax HE20 RU106 T 54	11.18	802.11b e EHT20 RU106T 54	11.75
802.11ac VHT40	13.89	802.11 ax HE20 RU26T 0	5.85	802.11 be EHT20 RU26T 0	5.86		
802.11ac VHT80	14.41	802.11 ax HE20 RU26T 4	5.52	802.11 be EHT20 RU26T 4	5.42		
802.11ax HE20	14.86	802.11 ax HE20 RU26T 8	5.37	802.11 be EHT20 RU26T 8	5.62		
802.11ax HE40	14.36	802.11 ax HE20 RU52T 37	8.71	802.11 be EHT20 RU52T 37	8.91		
802.11ax HE80	14.12	802.11 ax HE20 RU52T	8.53	802.11 be EHT20 RU52T	8.38		

Test Report No.: RF260330B008

		39		39			
--	--	----	--	----	--	--	--

Note: 1. Conducted Power=Measured Power +Duty Cycle Factor

2. Equivalent Isotropically Radiated Power =Measured Power +Duty Cycle Factor+Gain



Test Report No.: RF260330B008

EMISSION BANDWIDTH

NII2C

Offset 16.34dB = Attenuator + Temporary antenna connector loss + Cable loss

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11a	ANT3	16.40
NII2C	802.11a	ANT7	16.22
NII2C	802.11n HT20	ANT3	16.22
NII2C	802.11n HT20	ANT7	16.16
NII2C	802.11ac VHT20	ANT3	16.22
NII2C	802.11ac VHT20	ANT7	16.64
NII2C	802.11ax HE20	ANT3	16.46
NII2C	802.11ax HE20	ANT7	16.22

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11n HT40	ANT3	37.32
NII2C	802.11n HT40	ANT7	36.60
NII2C	802.11ac VHT40	ANT3	36.72
NII2C	802.11ac VHT40	ANT7	36.72
NII2C	802.11ax HE40	ANT3	35.40
NII2C	802.11ax HE40	ANT7	35.52

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11ac VHT80	ANT3	77.48
NII2C	802.11ac VHT80	ANT7	79.64
NII2C	802.11ax HE80	ANT3	77.72
NII2C	802.11ax HE80	ANT7	76.76

Test Report No.: RF260330B008

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11be EHT20	ANT3	16.40
NII2C	802.11be EHT20	ANT7	16.10

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11be EHT40	ANT3	35.64
NII2C	802.11be EHT40	ANT7	36.12

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11be EHT80	ANT3	76.28
NII2C	802.11be EHT80	ANT7	77.48

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11ax HE20 26T	Chain0	16.22
NII2C	802.11ax HE20 26T	Chain1	15.98

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11ax HE40 26T	Chain0	35.64
NII2C	802.11ax HE40 26T	Chain1	35.88

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11ax HE80 26T	Chain0	76.52
NII2C	802.11ax HE80 26T	Chain1	77.96

Test Report No.: RF260330B008

NII3

Offset 12dB = Attenuator + Temporary antenna connector loss + Cable loss

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11a	ANT3	6.64
NII3	802.11a	ANT7	6.10
NII3	802.11n HT20	ANT3	6.34
NII3	802.11n HT20	ANT7	6.46
NII3	802.11ac VHT20	ANT3	6.46
NII3	802.11ac VHT20	ANT7	6.22
NII3	802.11ax HE20	ANT3	6.76
NII3	802.11ax HE20	ANT7	6.16

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11n HT40	ANT3	7.20
NII3	802.11n HT40	ANT7	6.96
NII3	802.11ac VHT40	ANT3	6.72
NII3	802.11ac VHT40	ANT7	6.60
NII3	802.11ax HE40	ANT3	6.60
NII3	802.11ax HE40	ANT7	5.52

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ac VHT80	ANT3	8.20
NII3	802.11ac VHT80	ANT7	8.68
NII3	802.11ax HE80	ANT3	7.24
NII3	802.11ax HE80	ANT7	7.48

Test Report No.: RF260330B008

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11be EHT20	ANT3	6.76
NII2C	802.11be EHT20	ANT7	6.04

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11be EHT40	ANT3	5.88
NII2C	802.11be EHT40	ANT7	6.12

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11be EHT80	ANT3	5.80
NII2C	802.11be EHT80	ANT7	7.00

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11ax HE20 26T	Chain0	1.36
NII3	802.11ax HE20 26T	Chain1	3.76

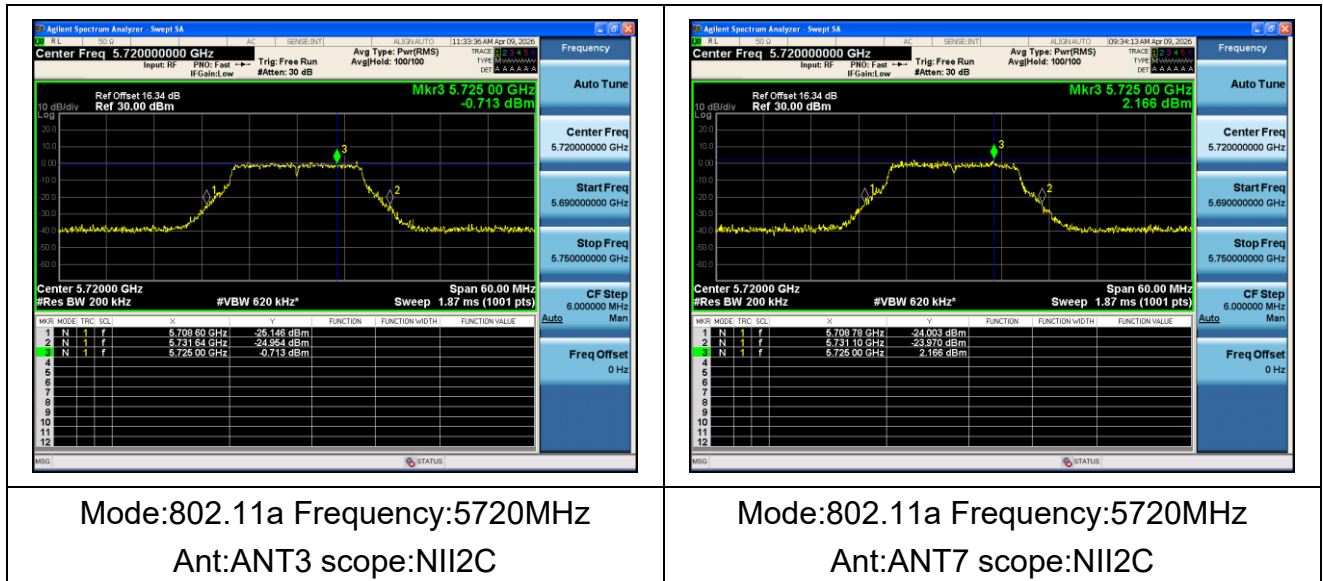
26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11ax HE40 26T	Chain0	-16.56
NII3	802.11ax HE40 26T	Chain1	-15.84

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ax HE80 26T	Chain0	-67.40
NII3	802.11ax HE80 26T	Chain1	-57.32

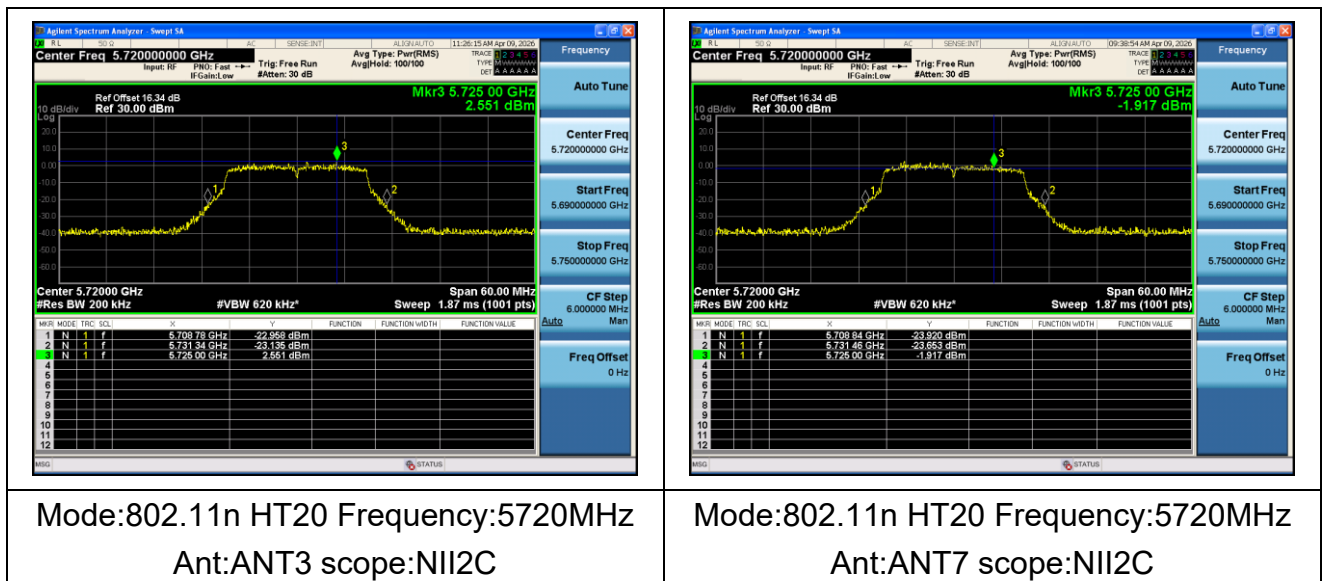


Test Report No.: RF260330B008

Test Mode: 802.11a



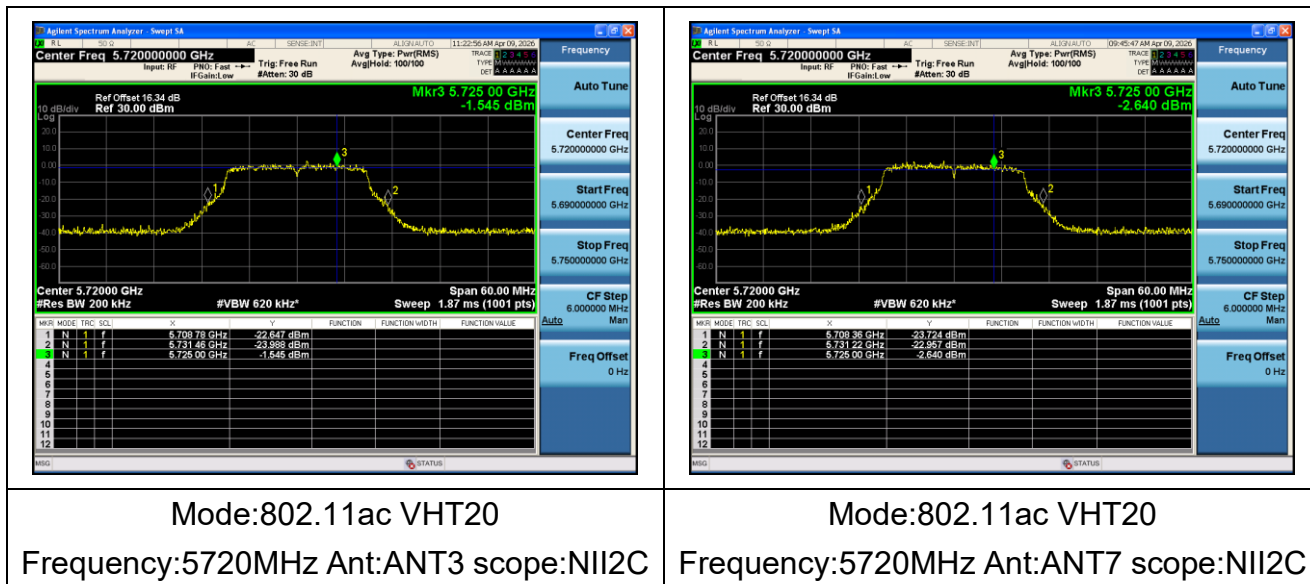
Test Mode: 802.11n HT20



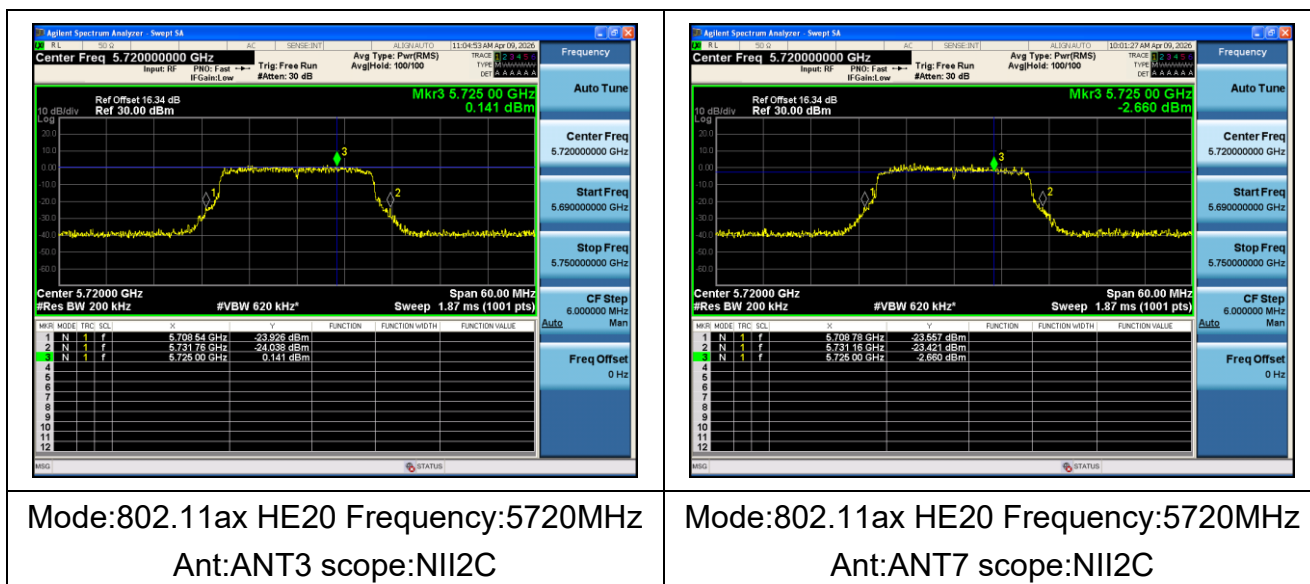


Test Report No.: RF260330B008

Test Mode: 802.11ac VHT20



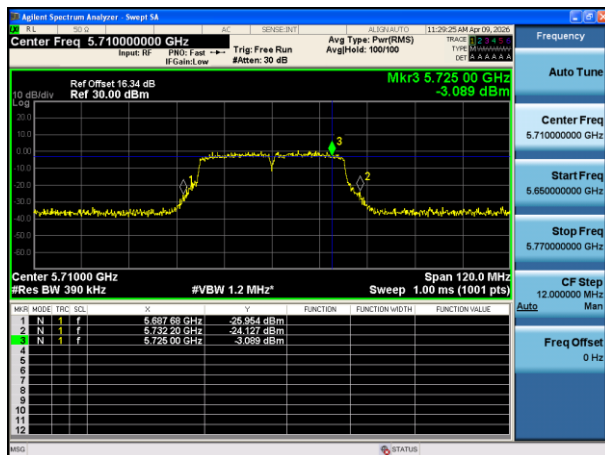
Test Mode: 802.11ax HE20



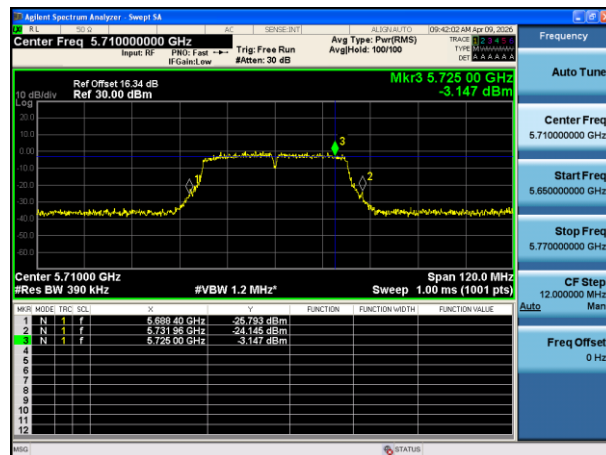


Test Report No.: RF260330B008

Test Mode: 802.11n HT40

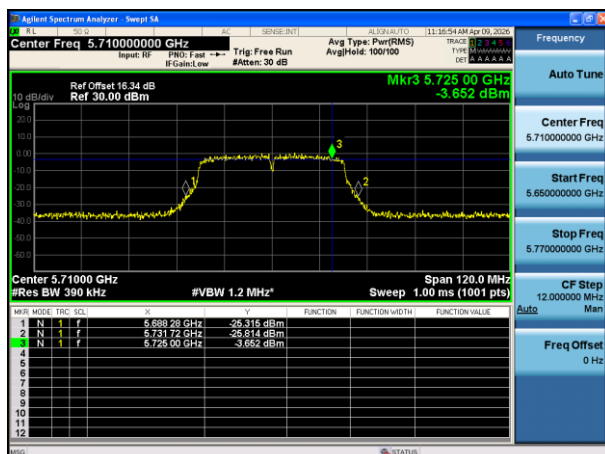


Mode:802.11n HT40 Frequency:5710MHz
Ant:ANT3 scope:NII2C

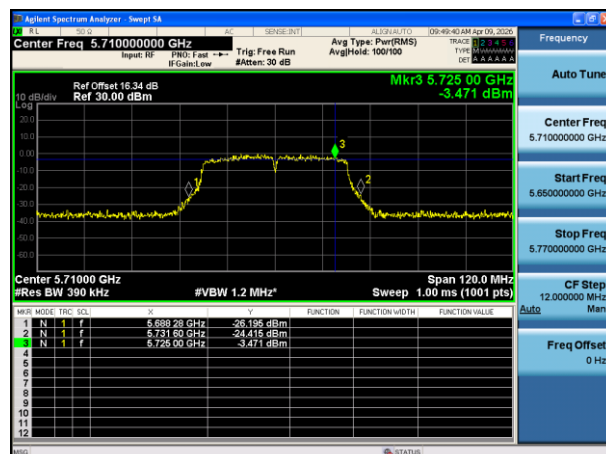


Mode:802.11n HT40 Frequency:5710MHz
Ant:ANT7 scope:NII2C

Test Mode: 802.11ac VHT40



Mode:802.11ac VHT40
Frequency:5710MHz Ant:ANT3 scope:NII2C

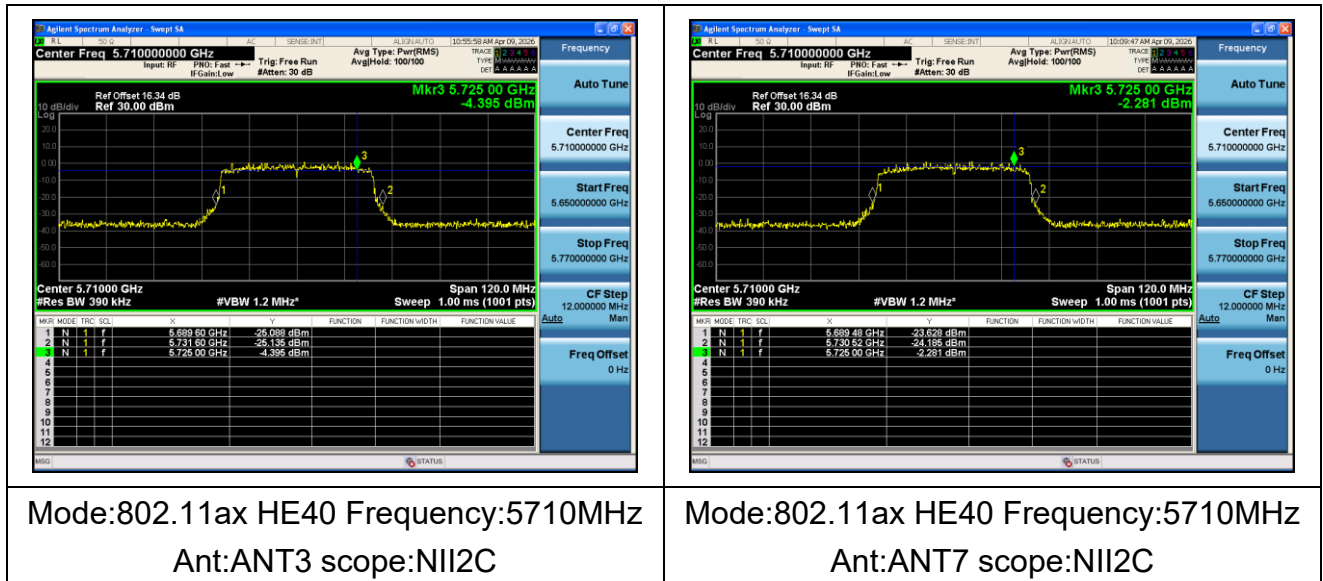


Mode:802.11ac VHT40
Frequency:5710MHz Ant:ANT7 scope:NII2C

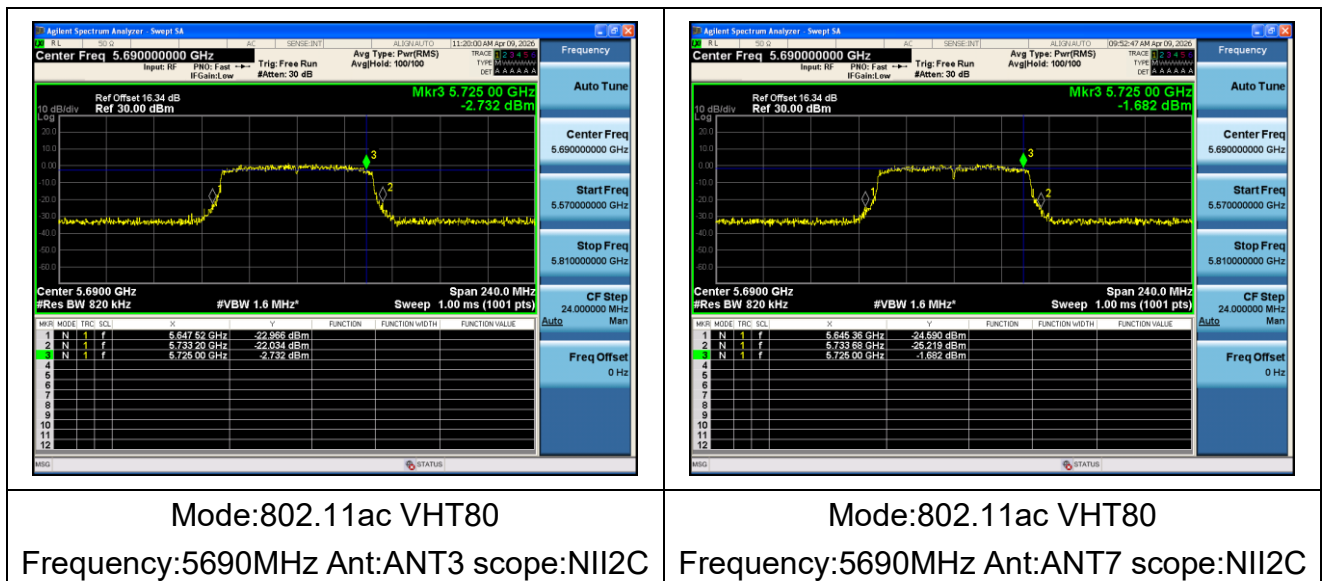


Test Report No.: RF260330B008

Test Mode: 802.11ax HE40

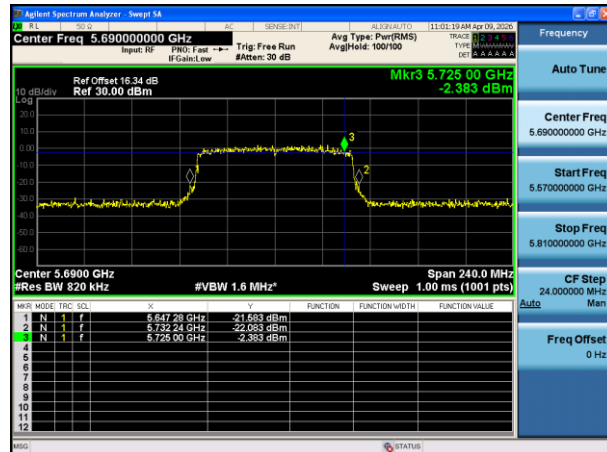


Test Mode: 802.11ac VHT80

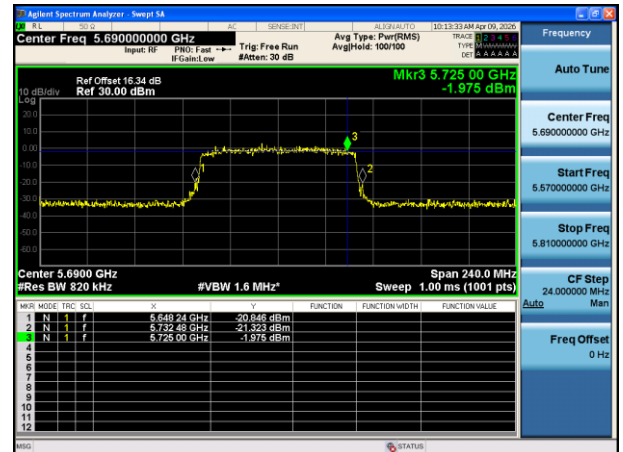


Test Mode: 802.11ax HE80

Test Report No.: RF260330B008

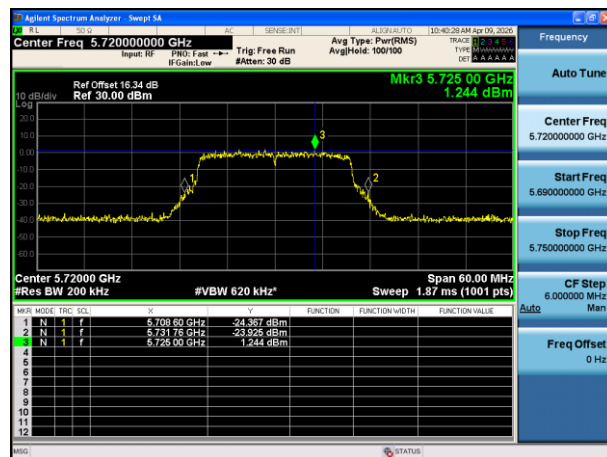


Mode:802.11ax HE80 Frequency:5690MHz
Ant:ANT3 scope:NII2C

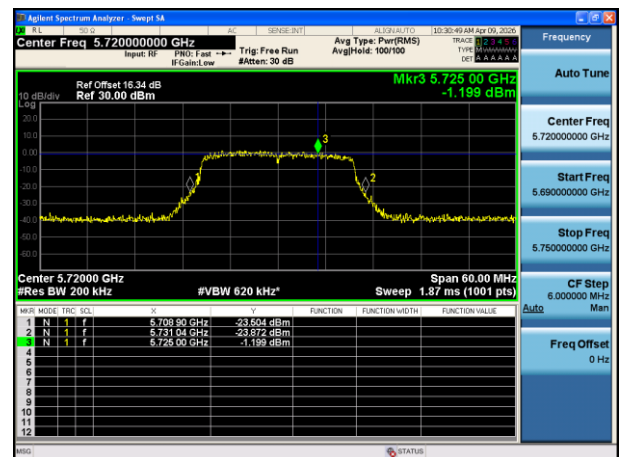


Mode:802.11ax HE80 Frequency:5690MHz
Ant:ANT7 scope:NII2C

Test Mode: 802.11be EHT20



Mode:802.11be EHT20
Frequency:5720MHz Ant:ANT3 scope:NII2C

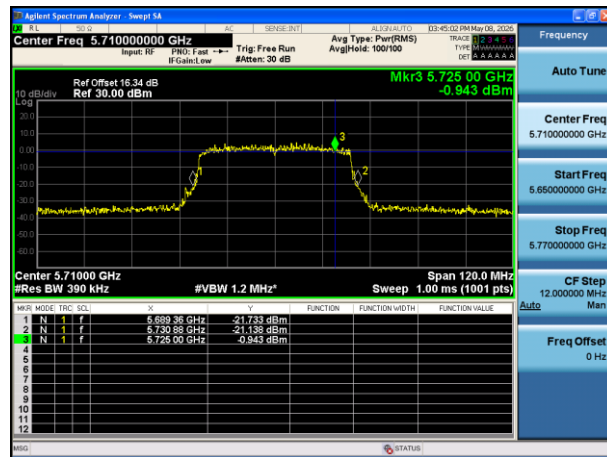


Mode:802.11be EHT20
Frequency:5720MHz Ant:ANT7 scope:NII2C

Test Mode: 802.11be EHT40

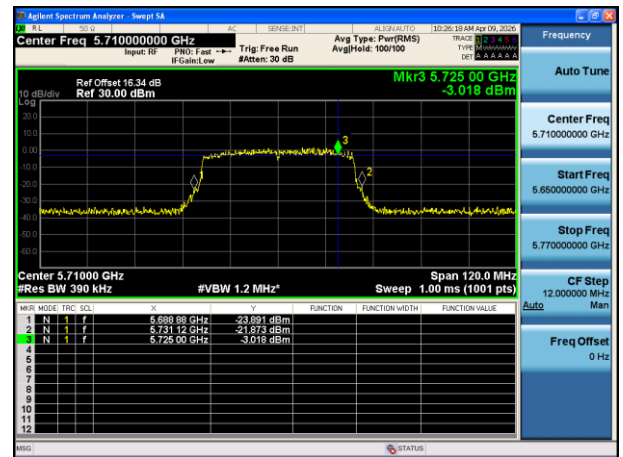


Test Report No.: RF260330B008



Mode:802.11be EHT40

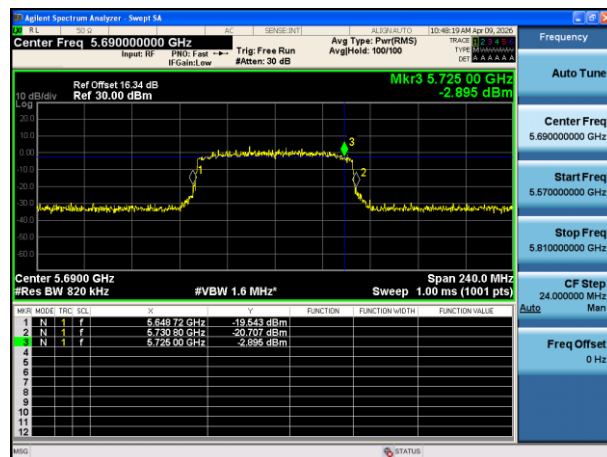
Frequency:5710MHz Ant:ANT3 scope:NII2C



Mode:802.11be EHT40

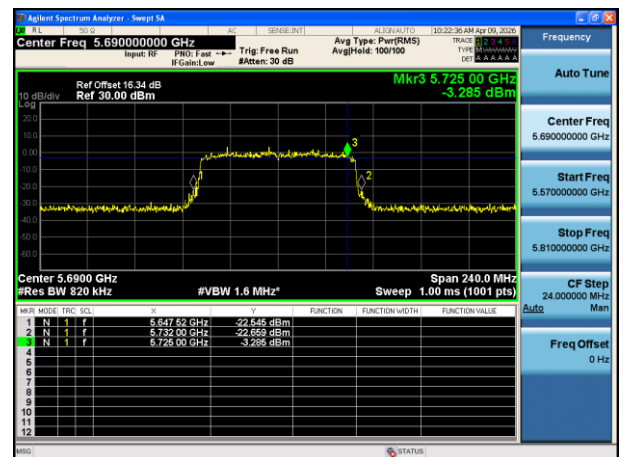
Frequency:5710MHz Ant:ANT7 scope:NII2C

Test Mode: 802.11be EHT80



Mode:802.11be EHT80

Frequency:5690MHz Ant:ANT3 scope:NII2C



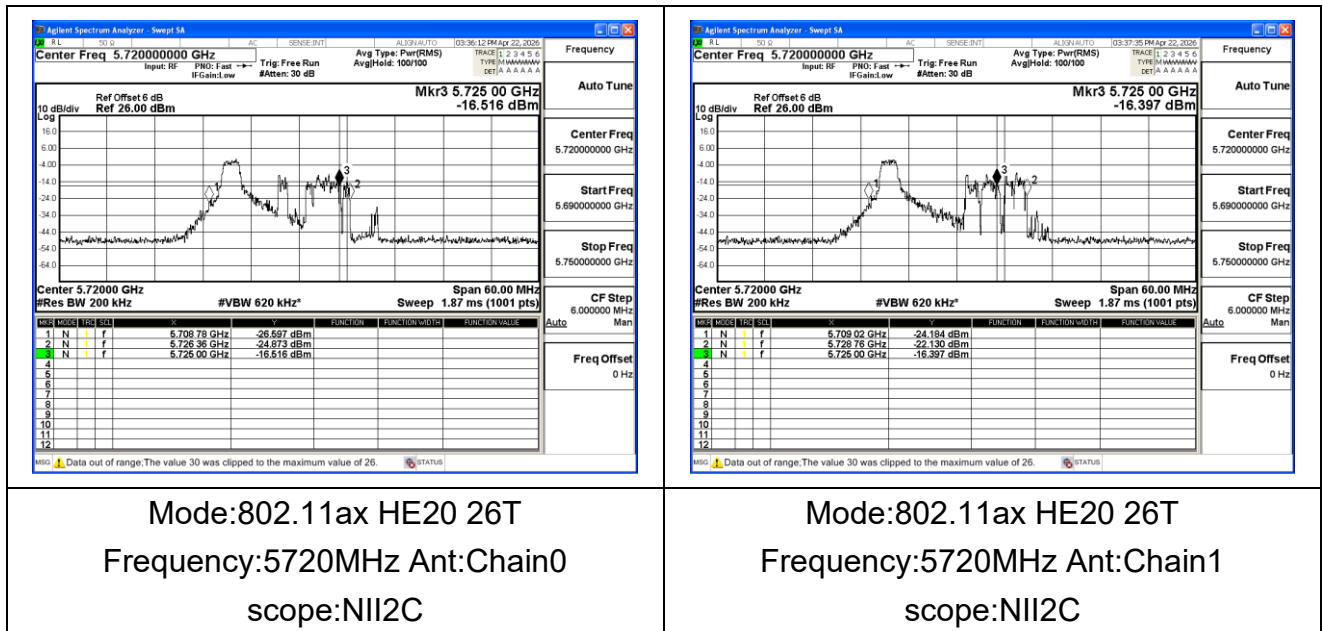
Mode:802.11be EHT80

Frequency:5690MHz Ant:ANT7 scope:NII2C

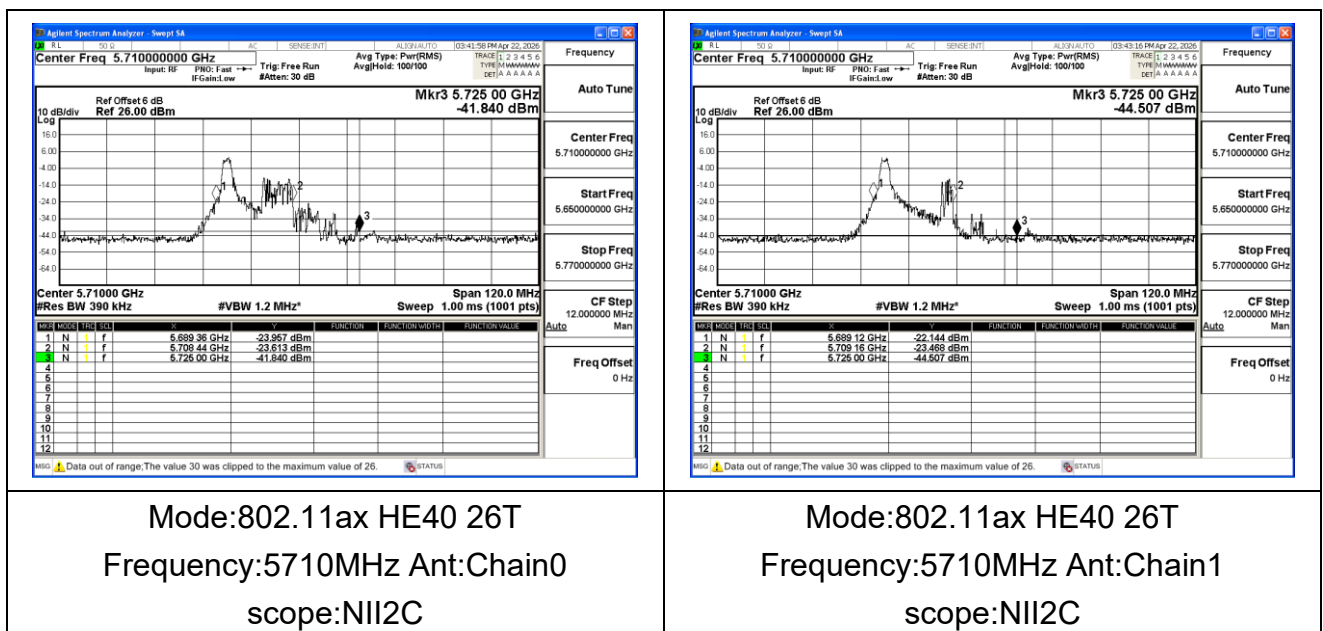
Test Mode: 802.11ax HE20 26T



Test Report No.: RF260330B008



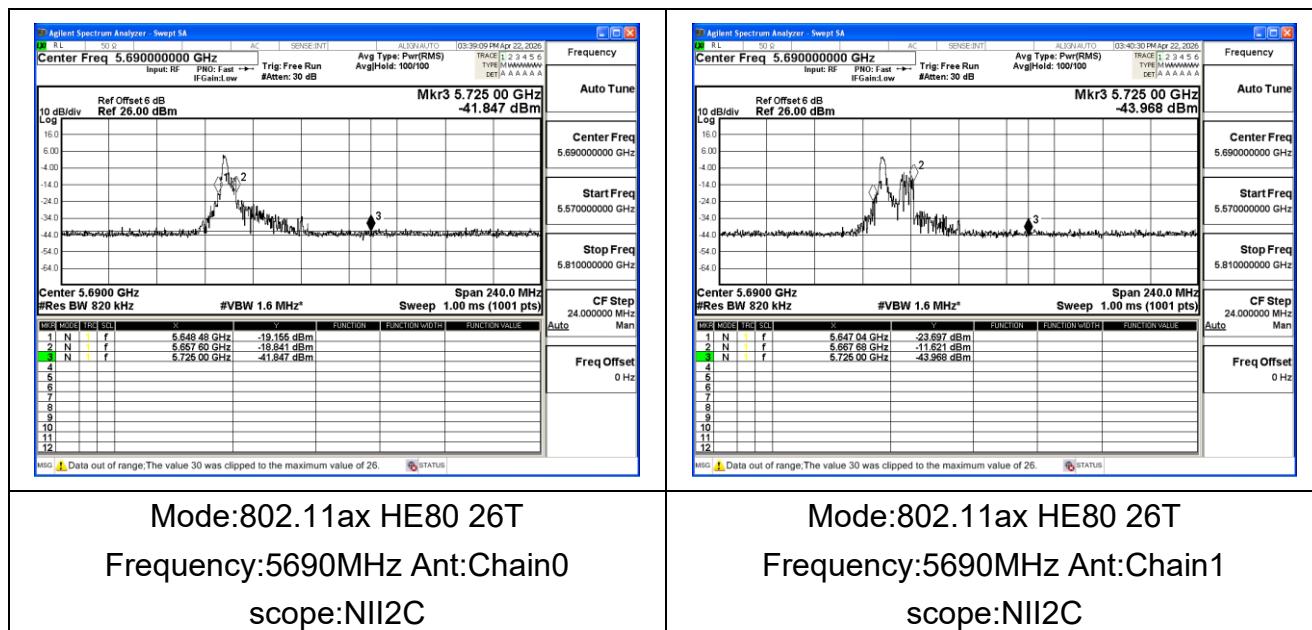
Test Mode: 802.11ax HE40 26T





Test Report No.: RF260330B008

Test Mode: 802.11ax HE80 26T





Test Report No.: RF260330B008

OCCUPIED BANDWIDTH

NII2C

Offset 16.34dB = Attenuator + Temporary antenna connector loss + Cable loss

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11a	ANT3	13.44
NII2C	802.11a	ANT7	13.42
NII2C	802.11n HT20	ANT3	13.93
NII2C	802.11n HT20	ANT7	13.98
NII2C	802.11ac VHT20	ANT3	13.97
NII2C	802.11ac VHT20	ANT7	14.02
NII2C	802.11ax HE20	ANT3	14.49
NII2C	802.11ax HE20	ANT7	14.49

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11n HT40	ANT3	33.34
NII2C	802.11n HT40	ANT7	33.23
NII2C	802.11ac VHT40	ANT3	33.15
NII2C	802.11ac VHT40	ANT7	33.19
NII2C	802.11ax HE40	ANT3	33.96
NII2C	802.11ax HE40	ANT7	33.77

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11ac VHT80	ANT3	73.12
NII2C	802.11ac VHT80	ANT7	73.21
NII2C	802.11ax HE80	ANT3	73.81
NII2C	802.11ax HE80	ANT7	73.99



Test Report No.: RF260330B008

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11be EHT20	ANT3	14.45
NII2C	802.11be EHT20	ANT7	14.47

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11be EHT40	ANT3	33.89
NII2C	802.11be EHT40	ANT7	33.88

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11be EHT80	ANT3	73.92
NII2C	802.11be EHT80	ANT7	73.98

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11ax HE20 26T	Chain0	9.55
NII2C	802.11ax HE20 26T	Chain1	8.83

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11ax HE40 26T	Chain0	35.07
NII2C	802.11ax HE40 26T	Chain1	35.19

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11ax HE80 26T	Chain0	76.28
NII2C	802.11ax HE80 26T	Chain1	75.33

Test Report No.: RF260330B008

Offset 16.34dB = Attenuator + Temporary antenna connector loss + Cable loss

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11a	ANT3	3.43
NII3	802.11a	ANT7	3.58
NII3	802.11n HT20	ANT3	3.99
NII3	802.11n HT20	ANT7	3.86
NII3	802.11ac VHT20	ANT3	3.84
NII3	802.11ac VHT20	ANT7	3.90
NII3	802.11ax HE20	ANT3	4.46
NII3	802.11ax HE20	ANT7	4.51

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11n HT40	ANT3	3.42
NII3	802.11n HT40	ANT7	3.26
NII3	802.11ac VHT40	ANT3	3.24
NII3	802.11ac VHT40	ANT7	3.25
NII3	802.11ax HE40	ANT3	4
NII3	802.11ax HE40	ANT7	4.07

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ac VHT80	ANT3	2.89
NII3	802.11ac VHT80	ANT7	3.22
NII3	802.11ax HE80	ANT3	3.67
NII3	802.11ax HE80	ANT7	3.75

Test Report No.: RF260330B008

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11be EHT20	ANT3	4.47
NII3	802.11be EHT20	ANT7	4.48

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11be EHT40	ANT3	3.96
NII3	802.11be EHT40	ANT7	3.90

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11be EHT80	ANT3	3.54
NII3	802.11be EHT80	ANT7	3.77

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11ax HE20 26T	Chain0	-5.74
NII3	802.11ax HE20 26T	Chain1	-5.16

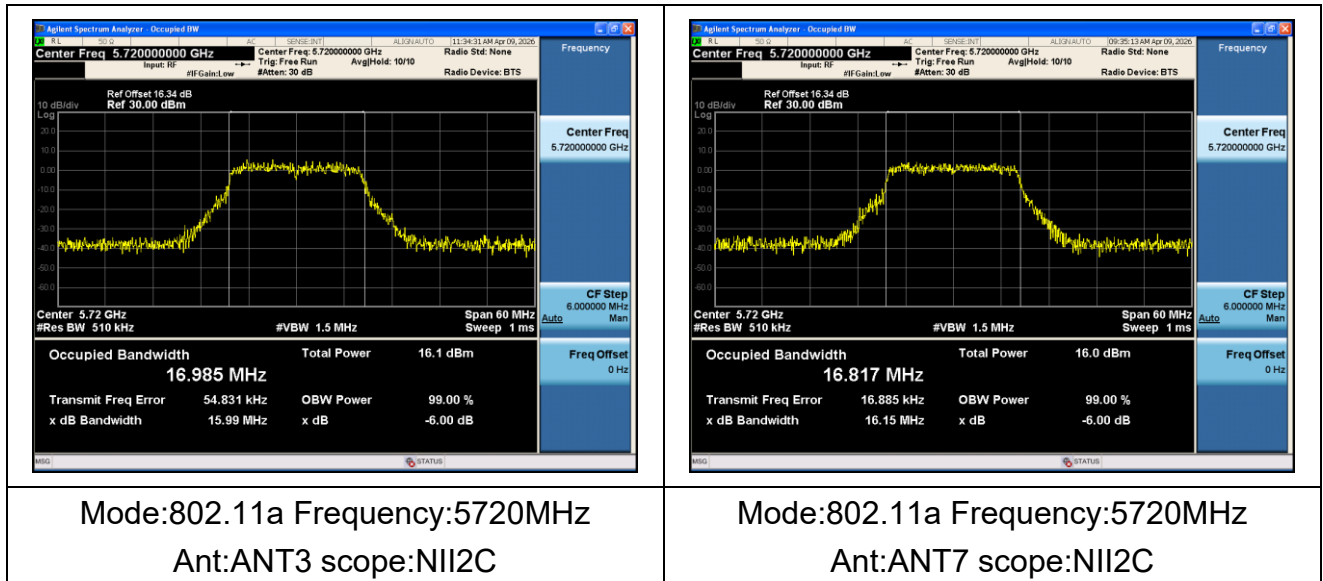
Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11ax HE40 26T	Chain0	-30.17
NII3	802.11ax HE40 26T	Chain1	-30.45

Occupied Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ax HE80 26T	Chain0	-67.48
NII3	802.11ax HE80 26T	Chain1	-68.03

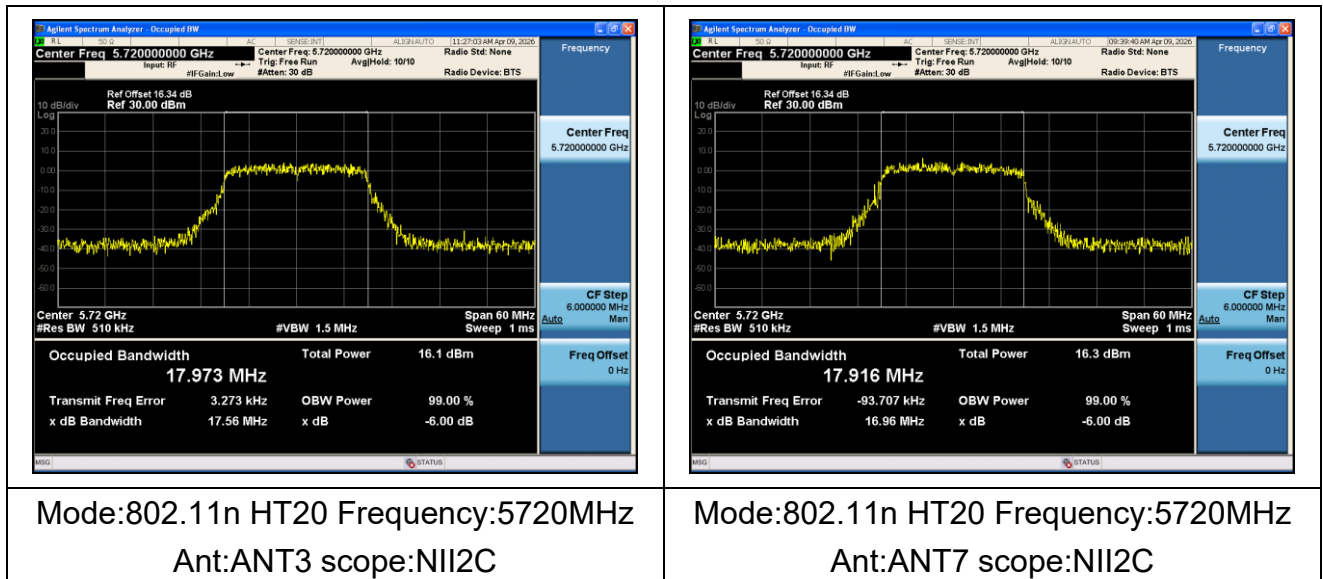


Test Report No.: RF260330B008

Test Mode: 802.11a



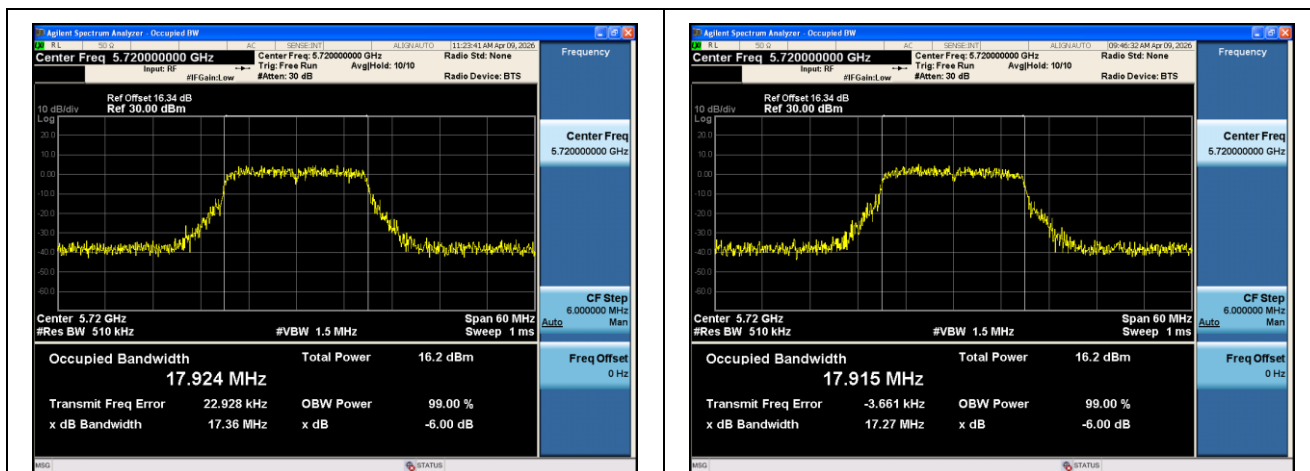
Test Mode: 802.11n HT20





Test Report No.: RF260330B008

Test Mode: 802.11ac VHT20



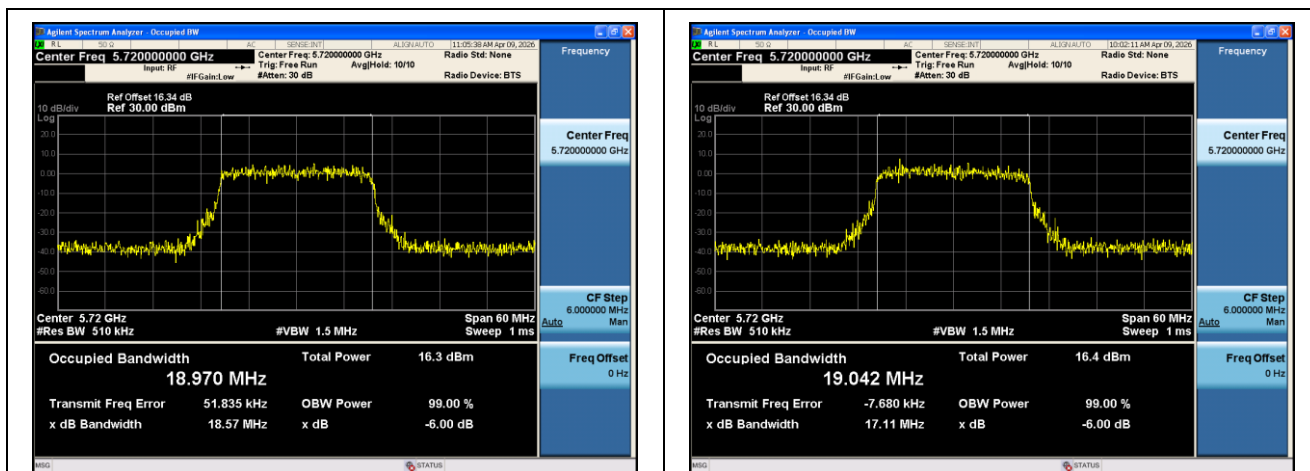
Mode:802.11ac VHT20

Frequency:5720MHz Ant:ANT3 scope:NII2C

Mode:802.11ac VHT20

Frequency:5720MHz Ant:ANT7 scope:NII2C

Test Mode: 802.11ax HE20



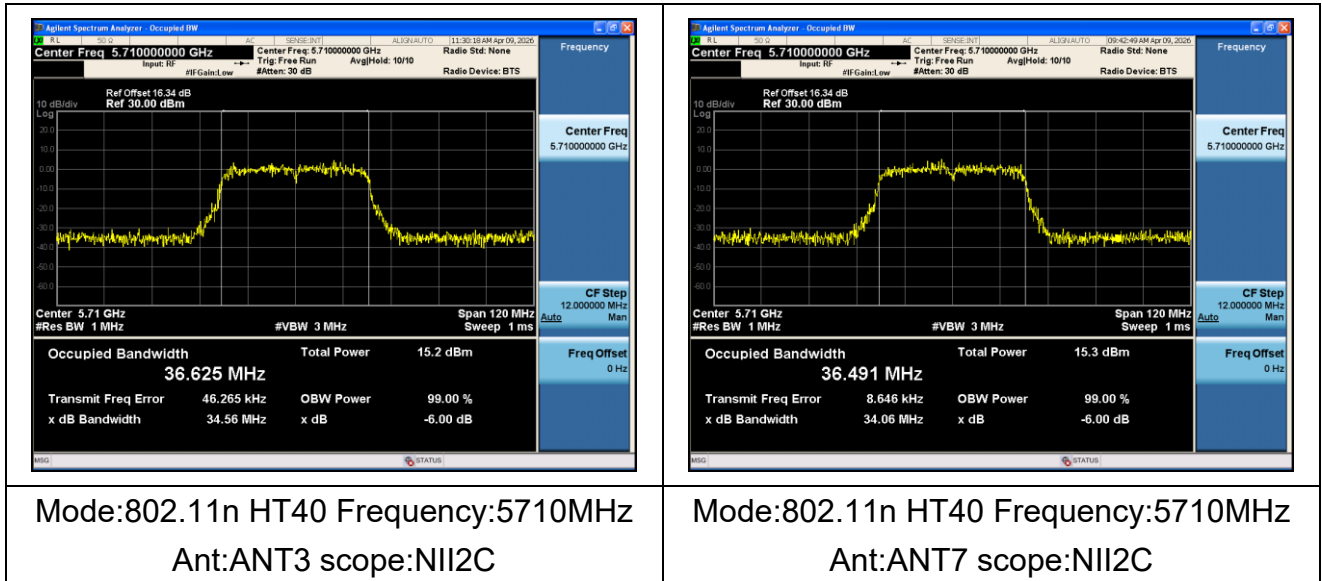
Mode:802.11ax HE20 Frequency:5720MHz
Ant:ANT3 scope:NII2C

Mode:802.11ax HE20 Frequency:5720MHz
Ant:ANT7 scope:NII2C

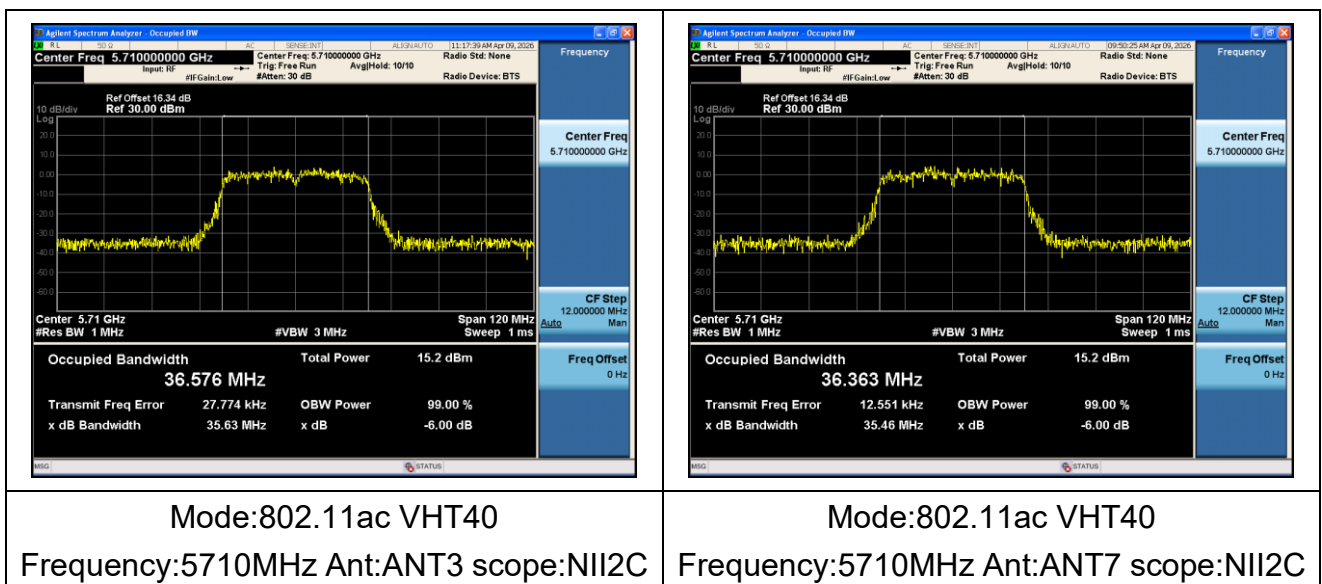


Test Report No.: RF260330B008

Test Mode: 802.11n HT40



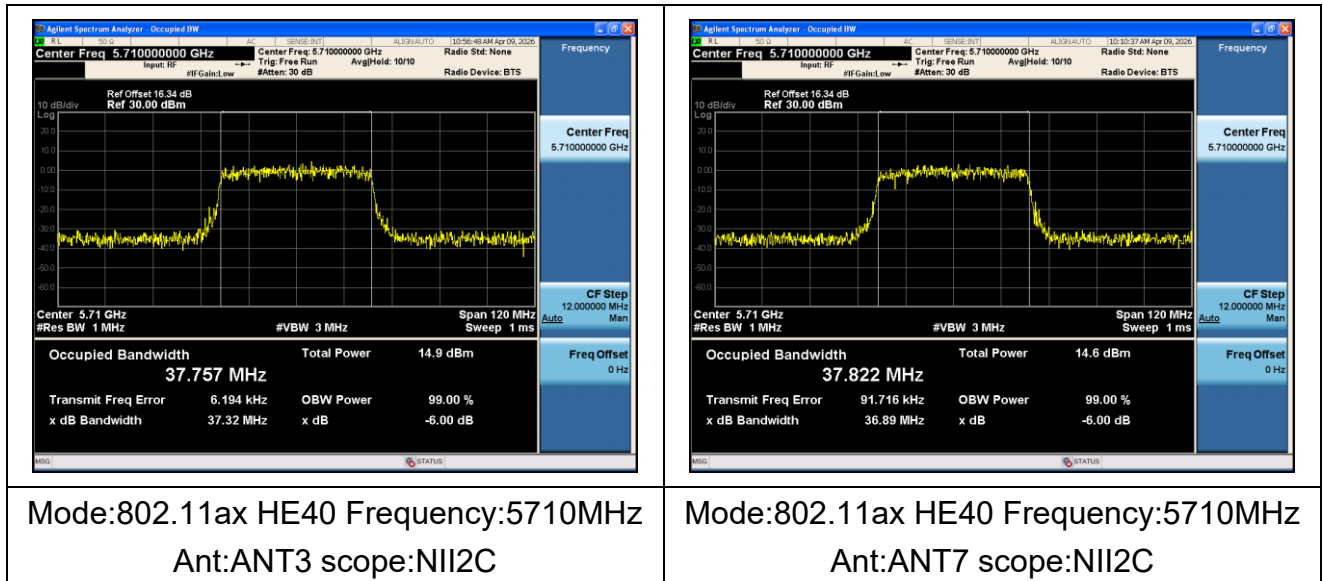
Test Mode: 802.11ac VHT40





Test Report No.: RF260330B008

Test Mode: 802.11ax HE40



Test Mode: 802.11ac VHT80

