

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5180	84.01%	0.76	Fig.1
802.11a	5180	84.82%	0.71	Fig.2
802.11n HT20	5180	83.97%	0.76	Fig.3
802.11n HT20	5180	84.06%	0.75	Fig.4
802.11ac VHT20	5180	84.32%	0.74	Fig.5
802.11ac VHT20	5180	84.19%	0.75	Fig.6
802.11ax HE20	5180	91.85%	0.37	Fig.7
802.11ax HE20	5180	91.93%	0.37	Fig.8
802.11n HT40	5190	77.20%	1.12	Fig.9
802.11n HT40	5190	78.84%	1.03	Fig.10
802.11ac VHT40	5190	78.37%	1.06	Fig.11
802.11ac VHT40	5190	78.39%	1.06	Fig.12
802.11ax HE40	5190	77.30%	1.12	Fig.13
802.11ax HE40	5190	77.27%	1.12	Fig.14
802.11ac VHT80	5210	74.08%	1.30	Fig.15
802.11ac VHT80	5210	73.93%	1.31	Fig.16
802.11ax HE80	5210	76.83%	1.14	Fig.17
802.11ax HE80	5210	76.21%	1.18	Fig.18

Note: Correction Factor=10*log (1/Duty Cycle)

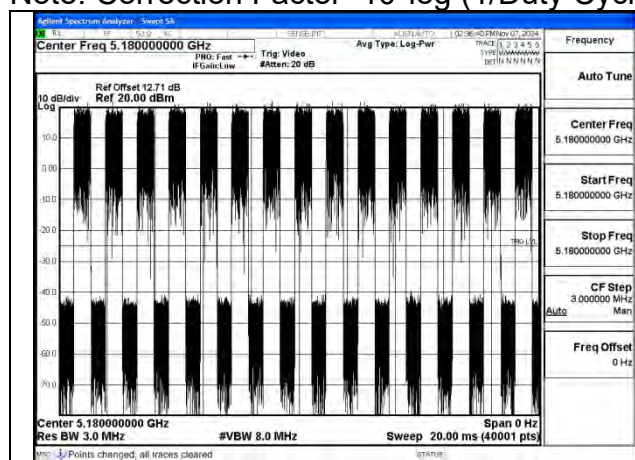


Fig.1

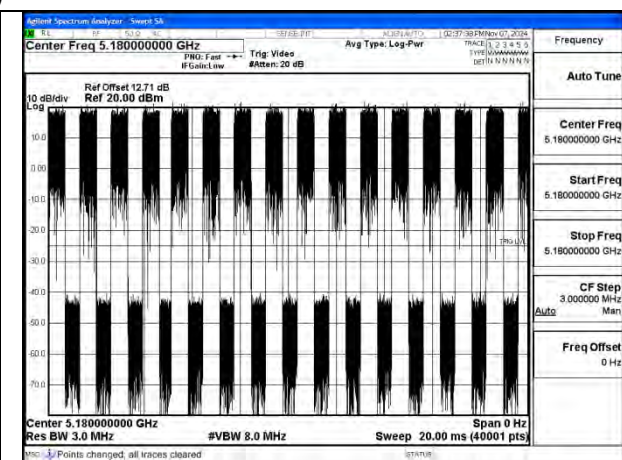


Fig.2

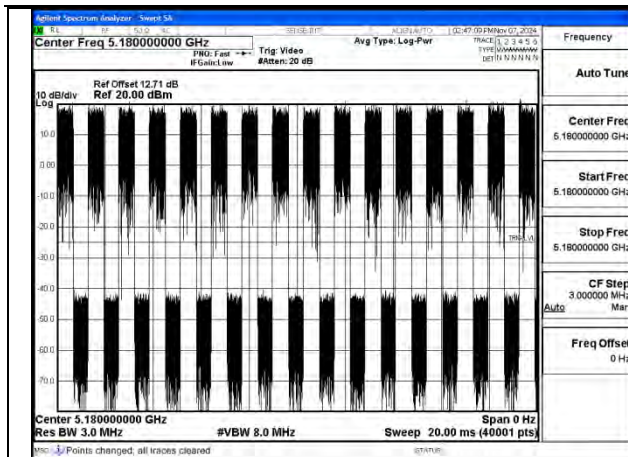


Fig.3

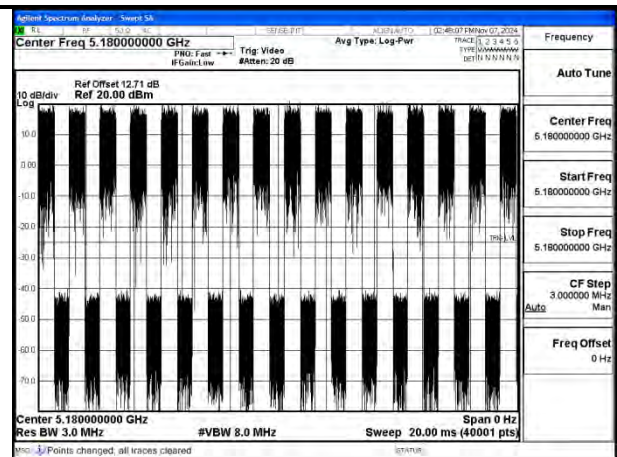


Fig.4

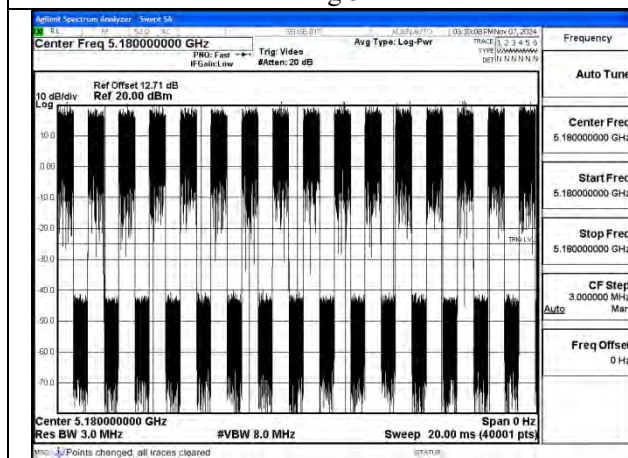


Fig.5

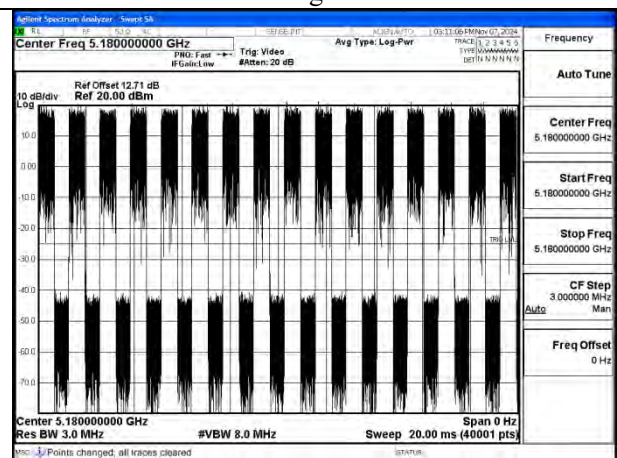


Fig.6

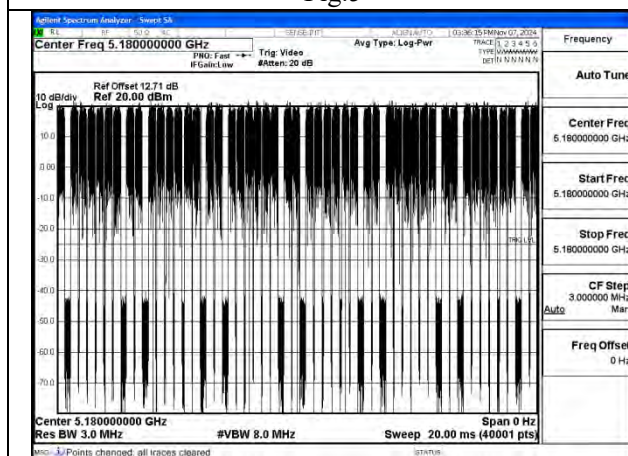


Fig.7

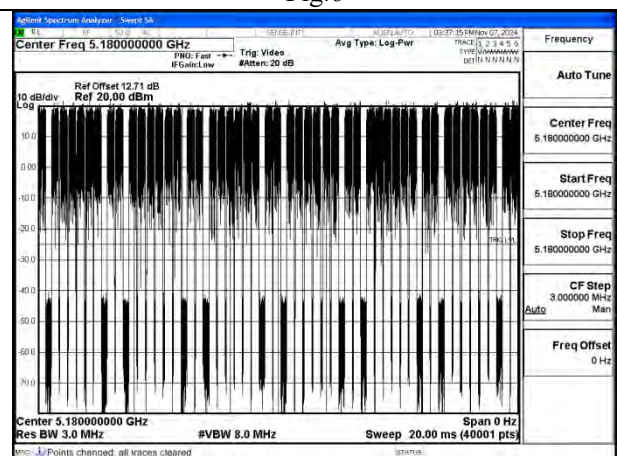


Fig.8

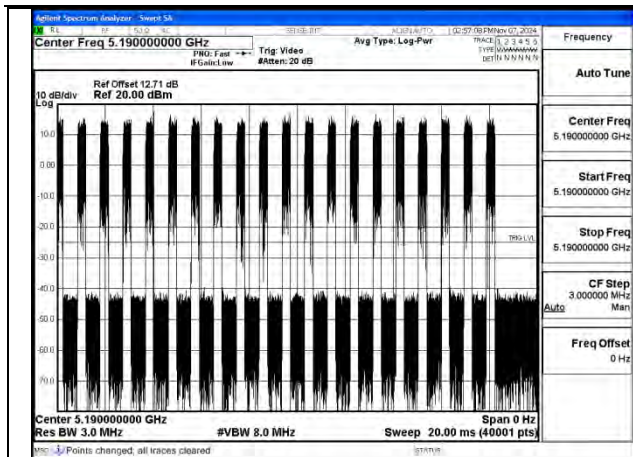


Fig.9

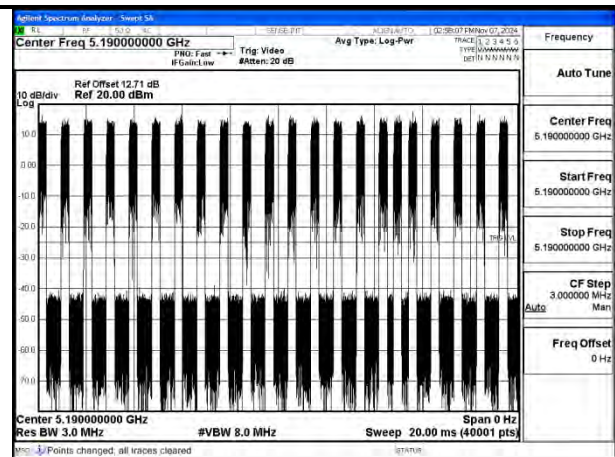


Fig.10

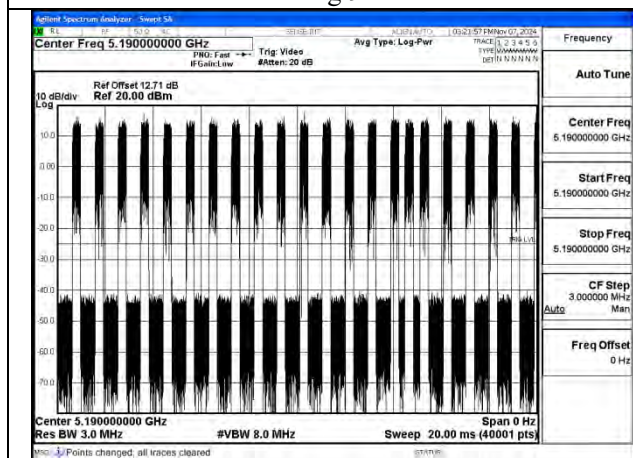


Fig.11

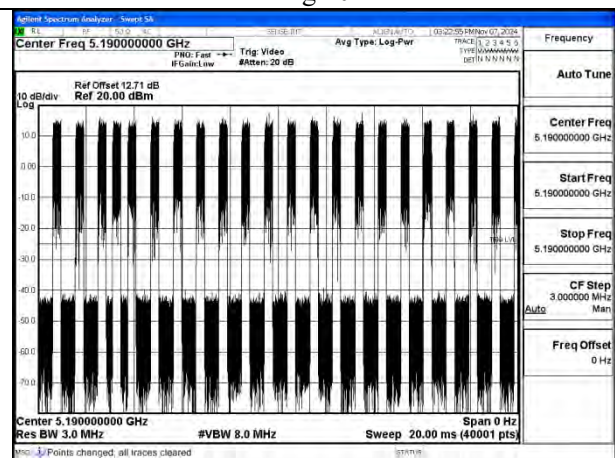


Fig.12

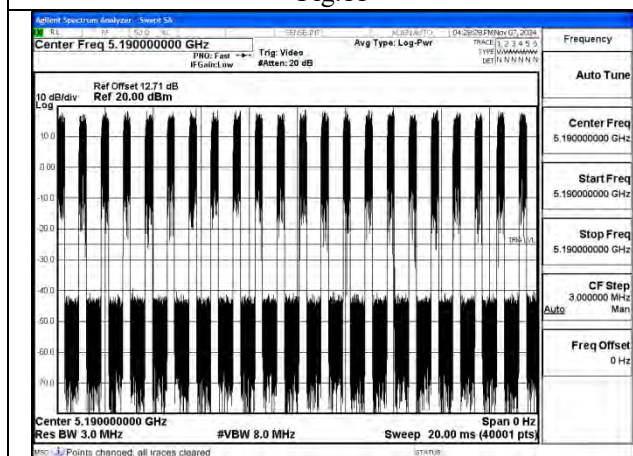


Fig.13

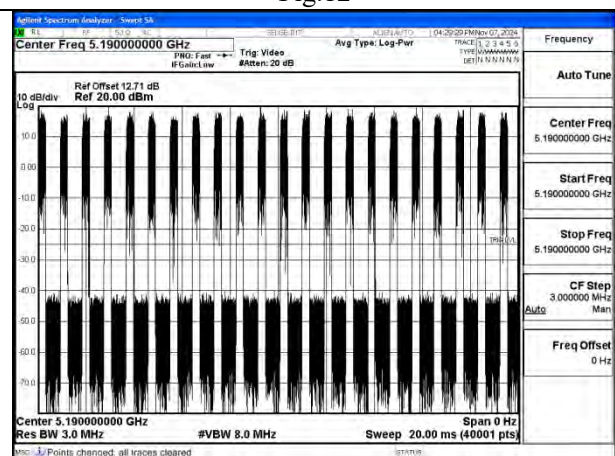


Fig.14

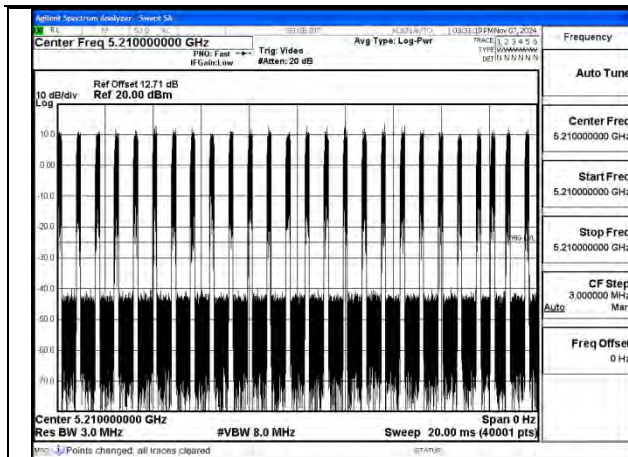


Fig.15

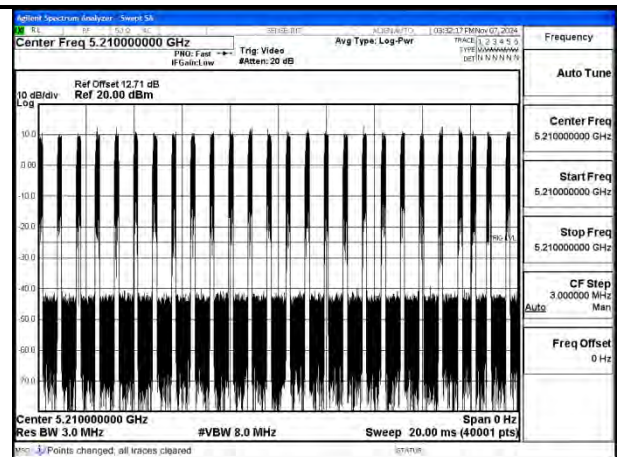


Fig.16

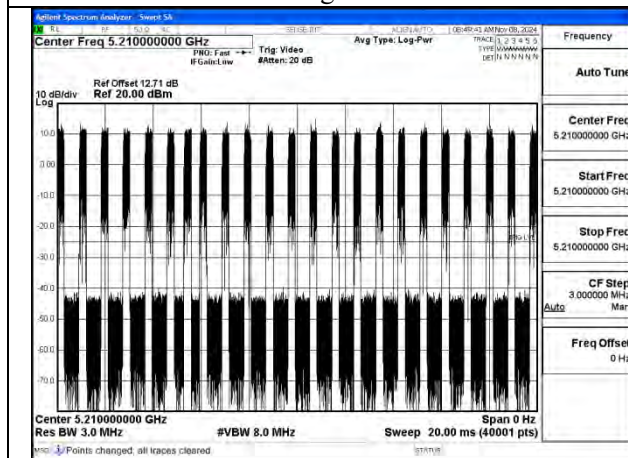


Fig.17

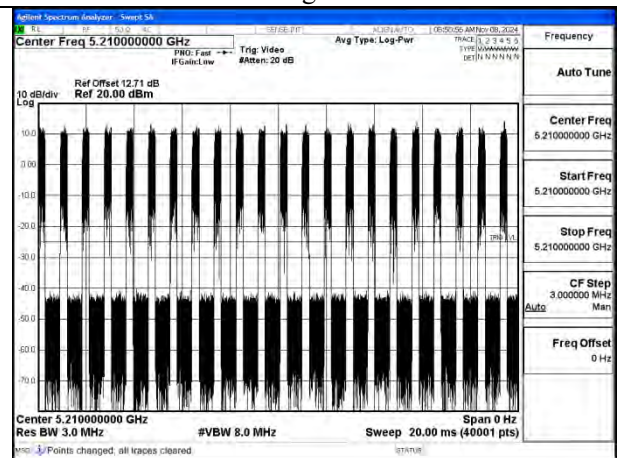


Fig.18

Output Power

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conductedaverage power output(dBm)	EIRP (dBm)
802.11a	NA	5180	Chain0	15.56	19.96
802.11a	NA	5180	Chain1	15.59	19.12
802.11a	NA	5220	Chain0	15.06	19.46
802.11a	NA	5220	Chain1	15.06	18.59
802.11a	NA	5240	Chain0	14.95	19.35
802.11a	NA	5240	Chain1	14.99	18.52
802.11n HT20	NA	5180	Chain0	14.97	19.37
802.11n HT20	NA	5180	Chain1	14.93	18.46
802.11n HT20	NA	5180	MIMO	17.96	21.95
802.11n HT20	NA	5220	Chain0	14.04	18.44
802.11n HT20	NA	5220	Chain1	14.08	17.61
802.11n HT20	NA	5220	MIMO	17.07	21.06
802.11n HT20	NA	5240	Chain0	14.35	18.75
802.11n HT20	NA	5240	Chain1	14.40	17.93
802.11n HT20	NA	5240	MIMO	17.39	21.38
802.11ac VHT20	NA	5180	Chain0	14.87	19.27
802.11ac VHT20	NA	5180	Chain1	14.91	18.44
802.11ac VHT20	NA	5180	MIMO	17.90	21.89
802.11ac VHT20	NA	5220	Chain0	14.56	18.96
802.11ac VHT20	NA	5220	Chain1	14.50	18.03
802.11ac VHT20	NA	5220	MIMO	17.54	21.53
802.11ac VHT20	NA	5240	Chain0	14.27	18.67
802.11ac VHT20	NA	5240	Chain1	14.27	17.80
802.11ac VHT20	NA	5240	MIMO	17.28	21.27
802.11n HT40	NA	5190	Chain0	13.82	18.22
802.11n HT40	NA	5190	Chain1	13.82	17.35
802.11n HT40	NA	5190	MIMO	16.83	20.82
802.11n HT40	NA	5230	Chain0	13.52	17.92
802.11n HT40	NA	5230	Chain1	13.52	17.05
802.11n HT40	NA	5230	MIMO	16.53	20.52
802.11ac VHT40	NA	5190	Chain0	13.63	18.03
802.11ac VHT40	NA	5190	Chain1	13.61	17.14
802.11ac VHT40	NA	5190	MIMO	16.63	20.62
802.11ac VHT40	NA	5230	Chain0	13.28	17.68
802.11ac VHT40	NA	5230	Chain1	13.23	16.76
802.11ac VHT40	NA	5230	MIMO	16.27	20.26
802.11ac VHT80	NA	5210	Chain0	13.64	18.04
802.11ac VHT80	NA	5210	Chain1	13.74	17.27
802.11ac VHT80	NA	5210	MIMO	16.70	20.69

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conductedaverage power output(dBm)	EIRP (dBm)
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802.11ax HE20	26T 0	5180	Chain0	13.94	18.34
802.11ax HE20	26T 0	5180	Chain1	14.04	17.57
802.11ax HE20	26T 0	5180	MIMO	17.00	20.99
802.11ax HE20	26T 0	5220	Chain0	13.21	17.61
802.11ax HE20	26T 0	5220	Chain1	13.50	17.03
802.11ax HE20	26T 0	5220	MIMO	16.37	20.36
802.11ax HE20	26T 0	5240	Chain0	13.44	17.84
802.11ax HE20	26T 0	5240	Chain1	13.67	17.20
802.11ax HE20	26T 0	5240	MIMO	16.57	20.56
802.11ax HE20	26T 4	5180	Chain0	13.35	17.75
802.11ax HE20	26T 4	5180	Chain1	13.98	17.51
802.11ax HE20	26T 4	5180	MIMO	16.69	20.68
802.11ax HE20	26T 4	5220	Chain0	13.46	17.86
802.11ax HE20	26T 4	5220	Chain1	13.59	17.12
802.11ax HE20	26T 4	5220	MIMO	16.54	20.53
802.11ax HE20	26T 4	5240	Chain0	13.56	17.96
802.11ax HE20	26T 4	5240	Chain1	13.74	17.27
802.11ax HE20	26T 4	5240	MIMO	16.66	20.65
802.11ax HE20	26T 8	5180	Chain0	13.39	17.79
802.11ax HE20	26T 8	5180	Chain1	13.68	17.21
802.11ax HE20	26T 8	5180	MIMO	16.55	20.54
802.11ax HE20	26T 8	5220	Chain0	13.43	17.83
802.11ax HE20	26T 8	5220	Chain1	13.51	17.04
802.11ax HE20	26T 8	5220	MIMO	16.48	20.47
802.11ax HE20	26T 8	5240	Chain0	13.52	17.92
802.11ax HE20	26T 8	5240	Chain1	13.69	17.22
802.11ax HE20	26T 8	5240	MIMO	16.62	20.61
802.11ax HE20	52T 37	5180	Chain0	12.93	17.33
802.11ax HE20	52T 37	5180	Chain1	13.60	17.13
802.11ax HE20	52T 37	5180	MIMO	16.29	20.28
802.11ax HE20	52T 37	5220	Chain0	12.98	17.38
802.11ax HE20	52T 37	5220	Chain1	13.35	16.88
802.11ax HE20	52T 37	5220	MIMO	16.18	20.17
802.11ax HE20	52T 37	5240	Chain0	13.26	17.66
802.11ax HE20	52T 37	5240	Chain1	13.35	16.88
802.11ax HE20	52T 37	5240	MIMO	16.32	20.31
802.11ax HE20	52T 39	5180	Chain0	13.45	17.85
802.11ax HE20	52T 39	5180	Chain1	13.56	17.09
802.11ax HE20	52T 39	5180	MIMO	16.52	20.51
802.11ax HE20	52T 39	5220	Chain0	12.64	17.04
802.11ax HE20	52T 39	5220	Chain1	13.33	16.86
802.11ax HE20	52T 39	5220	MIMO	16.01	20.00
802.11ax HE20	52T 39	5240	Chain0	12.91	17.31
802.11ax HE20	52T 39	5240	Chain1	13.37	16.90
802.11ax HE20	52T 39	5240	MIMO	16.16	20.15
802.11ax HE20	52T 40	5180	Chain0	13.15	17.55

802.11ax HE20	52T 40	5180	Chain1	13.03	16.56
802.11ax HE20	52T 40	5180	MIMO	16.10	20.09
802.11ax HE20	52T 40	5220	Chain0	12.89	17.29
802.11ax HE20	52T 40	5220	Chain1	13.22	16.75
802.11ax HE20	52T 40	5220	MIMO	16.07	20.06
802.11ax HE20	52T 40	5240	Chain0	13.21	17.61
802.11ax HE20	52T 40	5240	Chain1	13.39	16.92
802.11ax HE20	52T 40	5240	MIMO	16.31	20.30
802.11ax HE20	106T 53	5180	Chain0	12.81	17.21
802.11ax HE20	106T 53	5180	Chain1	13.07	16.60
802.11ax HE20	106T 53	5180	MIMO	15.95	19.94
802.11ax HE20	106T 53	5220	Chain0	12.66	17.06
802.11ax HE20	106T 53	5220	Chain1	12.83	16.36
802.11ax HE20	106T 53	5220	MIMO	15.76	19.75
802.11ax HE20	106T 53	5240	Chain0	12.99	17.39
802.11ax HE20	106T 53	5240	Chain1	13.16	16.69
802.11ax HE20	106T 53	5240	MIMO	16.09	20.08
802.11ax HE20	106T 54	5180	Chain0	12.64	17.04
802.11ax HE20	106T 54	5180	Chain1	13.06	16.59
802.11ax HE20	106T 54	5180	MIMO	15.87	19.86
802.11ax HE20	106T 54	5220	Chain0	12.61	17.01
802.11ax HE20	106T 54	5220	Chain1	12.97	16.50
802.11ax HE20	106T 54	5220	MIMO	15.80	19.79
802.11ax HE20	106T 54	5240	Chain0	12.97	17.37
802.11ax HE20	106T 54	5240	Chain1	13.16	16.69
802.11ax HE20	106T 54	5240	MIMO	16.08	20.07
802.11ax HE20	242T 61	5180	Chain0	13.73	18.13
802.11ax HE20	242T 61	5180	Chain1	13.74	17.27
802.11ax HE20	242T 61	5180	MIMO	16.75	20.74
802.11ax HE20	242T 61	5220	Chain0	13.47	17.87
802.11ax HE20	242T 61	5220	Chain1	13.44	16.97
802.11ax HE20	242T 61	5220	MIMO	16.47	20.46
802.11ax HE20	242T 61	5240	Chain0	13.44	17.84
802.11ax HE20	242T 61	5240	Chain1	13.42	16.95
802.11ax HE20	242T 61	5240	MIMO	16.44	20.43
802.11ax HE40	26T 0	5190	Chain0	12.90	17.30
802.11ax HE40	26T 0	5190	Chain1	12.98	16.51
802.11ax HE40	26T 0	5190	MIMO	15.95	19.94
802.11ax HE40	26T 0	5230	Chain0	12.66	17.06
802.11ax HE40	26T 0	5230	Chain1	12.61	16.14
802.11ax HE40	26T 0	5230	MIMO	15.65	19.64
802.11ax HE40	26T 10	5190	Chain0	12.99	17.39
802.11ax HE40	26T 10	5190	Chain1	13.03	16.56
802.11ax HE40	26T 10	5190	MIMO	16.02	20.01
802.11ax HE40	26T 10	5230	Chain0	12.88	17.28
802.11ax HE40	26T 10	5230	Chain1	12.91	16.44

802.11ax HE40	26T 10	5230	MIMO	15.91	19.90
802.11ax HE40	26T 17	5190	Chain0	12.05	16.45
802.11ax HE40	26T 17	5190	Chain1	12.20	15.73
802.11ax HE40	26T 17	5190	MIMO	15.14	19.13
802.11ax HE40	26T 17	5230	Chain0	12.04	16.44
802.11ax HE40	26T 17	5230	Chain1	12.14	15.67
802.11ax HE40	26T 17	5230	MIMO	15.10	19.09
802.11ax HE40	52T 37	5190	Chain0	12.04	16.44
802.11ax HE40	52T 37	5190	Chain1	11.94	15.47
802.11ax HE40	52T 37	5190	MIMO	15.00	18.99
802.11ax HE40	52T 37	5230	Chain0	11.74	16.14
802.11ax HE40	52T 37	5230	Chain1	11.73	15.26
802.11ax HE40	52T 37	5230	MIMO	14.75	18.74
802.11ax HE40	52T 41	5190	Chain0	12.09	16.49
802.11ax HE40	52T 41	5190	Chain1	12.08	15.61
802.11ax HE40	52T 41	5190	MIMO	15.10	19.09
802.11ax HE40	52T 41	5230	Chain0	12.01	16.41
802.11ax HE40	52T 41	5230	Chain1	12.02	15.55
802.11ax HE40	52T 41	5230	MIMO	15.03	19.02
802.11ax HE40	52T 44	5190	Chain0	11.56	15.96
802.11ax HE40	52T 44	5190	Chain1	11.56	15.09
802.11ax HE40	52T 44	5190	MIMO	14.57	18.56
802.11ax HE40	52T 44	5230	Chain0	11.47	15.87
802.11ax HE40	52T 44	5230	Chain1	11.46	14.99
802.11ax HE40	52T 44	5230	MIMO	14.48	18.47
802.11ax HE40	106T 53	5190	Chain0	11.34	15.74
802.11ax HE40	106T 53	5190	Chain1	11.25	14.78
802.11ax HE40	106T 53	5190	MIMO	14.31	18.30
802.11ax HE40	106T 53	5230	Chain0	11.28	15.68
802.11ax HE40	106T 53	5230	Chain1	11.29	14.82
802.11ax HE40	106T 53	5230	MIMO	14.30	18.29
802.11ax HE40	106T 55	5190	Chain0	12.87	17.27
802.11ax HE40	106T 55	5190	Chain1	12.94	16.47
802.11ax HE40	106T 55	5190	MIMO	15.92	19.91
802.11ax HE40	106T 55	5230	Chain0	12.53	16.93
802.11ax HE40	106T 55	5230	Chain1	12.59	16.12
802.11ax HE40	106T 55	5230	MIMO	15.57	19.56
802.11ax HE40	106T 56	5190	Chain0	12.30	16.70
802.11ax HE40	106T 56	5190	Chain1	12.41	15.94
802.11ax HE40	106T 56	5190	MIMO	15.37	19.36
802.11ax HE40	106T 56	5230	Chain0	12.41	16.81
802.11ax HE40	106T 56	5230	Chain1	12.46	15.99
802.11ax HE40	106T 56	5230	MIMO	15.45	19.44
802.11ax HE40	242T 61	5190	Chain0	12.16	16.56
802.11ax HE40	242T 61	5190	Chain1	12.12	15.65
802.11ax HE40	242T 61	5190	MIMO	15.15	19.14

802.11ax HE40	242T 61	5230	Chain0	12.20	16.60
802.11ax HE40	242T 61	5230	Chain1	12.18	15.71
802.11ax HE40	242T 61	5230	MIMO	15.20	19.19
802.11ax HE40	242T 62	5190	Chain0	12.20	16.60
802.11ax HE40	242T 62	5190	Chain1	12.21	15.74
802.11ax HE40	242T 62	5190	MIMO	15.22	19.21
802.11ax HE40	242T 62	5230	Chain0	12.12	16.52
802.11ax HE40	242T 62	5230	Chain1	12.08	15.61
802.11ax HE40	242T 62	5230	MIMO	15.11	19.10
802.11ax HE40	484T 65	5190	Chain0	12.37	16.77
802.11ax HE40	484T 65	5190	Chain1	12.35	15.88
802.11ax HE40	484T 65	5190	MIMO	15.37	19.36
802.11ax HE40	484T 65	5230	Chain0	12.44	16.84
802.11ax HE40	484T 65	5230	Chain1	12.43	15.96
802.11ax HE40	484T 65	5230	MIMO	15.45	19.44
802.11ax HE80	26T 0	5210	Chain0	11.61	16.01
802.11ax HE80	26T 0	5210	Chain1	11.79	15.32
802.11ax HE80	26T 0	5210	MIMO	14.71	18.70
802.11ax HE80	26T 18	5210	Chain0	12.54	16.94
802.11ax HE80	26T 18	5210	Chain1	12.42	15.95
802.11ax HE80	26T 18	5210	MIMO	15.49	19.48
802.11ax HE80	26T 36	5210	Chain0	12.17	16.57
802.11ax HE80	26T 36	5210	Chain1	12.24	15.77
802.11ax HE80	26T 36	5210	MIMO	15.22	19.21
802.11ax HE80	52T 37	5210	Chain0	12.34	16.74
802.11ax HE80	52T 37	5210	Chain1	12.47	16.00
802.11ax HE80	52T 37	5210	MIMO	15.42	19.41
802.11ax HE80	52T 45	5210	Chain0	12.50	16.90
802.11ax HE80	52T 45	5210	Chain1	12.56	16.09
802.11ax HE80	52T 45	5210	MIMO	15.54	19.53
802.11ax HE80	52T 52	5210	Chain0	12.39	16.79
802.11ax HE80	52T 52	5210	Chain1	12.22	15.75
802.11ax HE80	52T 52	5210	MIMO	15.32	19.31
802.11ax HE80	106T 53	5210	Chain0	12.09	16.49
802.11ax HE80	106T 53	5210	Chain1	12.11	15.64
802.11ax HE80	106T 53	5210	MIMO	15.11	19.10
802.11ax HE80	106T 57	5210	Chain0	11.50	15.90
802.11ax HE80	106T 57	5210	Chain1	11.57	15.10
802.11ax HE80	106T 57	5210	MIMO	14.55	18.54
802.11ax HE80	106T 60	5210	Chain0	11.80	16.20
802.11ax HE80	106T 60	5210	Chain1	11.85	15.38
802.11ax HE80	106T 60	5210	MIMO	14.84	18.83
802.11ax HE80	242T 61	5210	Chain0	12.17	16.57
802.11ax HE80	242T 61	5210	Chain1	12.12	15.65
802.11ax HE80	242T 61	5210	MIMO	15.16	19.15
802.11ax HE80	242T 63	5210	Chain0	11.56	15.96



802.11ax HE80	242T 63	5210	Chain1	11.50	15.03
802.11ax HE80	242T 63	5210	MIMO	14.54	18.53
802.11ax HE80	242T 64	5210	Chain0	11.47	15.87
802.11ax HE80	242T 64	5210	Chain1	11.48	15.01
802.11ax HE80	242T 64	5210	MIMO	14.49	18.48
802.11ax HE80	484T 65	5210	Chain0	11.74	16.14
802.11ax HE80	484T 65	5210	Chain1	11.82	15.35
802.11ax HE80	484T 65	5210	MIMO	14.79	18.78
802.11ax HE80	484T 66	5210	Chain0	11.43	15.83
802.11ax HE80	484T 66	5210	Chain1	11.45	14.98
802.11ax HE80	484T 66	5210	MIMO	14.45	18.44
802.11ax HE80	996T 67	5210	Chain0	12.71	17.11
802.11ax HE80	996T 67	5210	Chain1	12.73	16.26
802.11ax HE80	996T 67	5210	MIMO	15.73	19.72

Emission Bandwidth

Offset 12.71dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Chain0	27.45	24.96	18.95
802.11a	Chain1	25.93	26.86	20.88
802.11n HT20	Chain0	28.45	24.27	21.10
802.11n HT20	Chain1	26.00	26.37	20.09
802.11ac VHT20	Chain0	27.98	27.47	19.81
802.11ac VHT20	Chain1	27.41	29.99	20.51
802.11ax HE20	Chain0	26.62	20.59	22.20
802.11ax HE20	Chain1	24.24	20.66	27.00

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Chain0	41.64	---	46.00
802.11n HT40	Chain1	39.15	---	48.43
802.11ac VHT40	Chain0	39.91	---	40.57
802.11ac VHT40	Chain1	39.60	---	40.55
802.11ax HE40	Chain0	48.35	---	40.12
802.11ax HE40	Chain1	40.05	---	36.29

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Chain0	80.62	---	---
802.11ac VHT80	Chain1	80.52	---	---
802.11ax HE80	Chain0	81.95	---	---
802.11ax HE80	Chain1	87.86	---	---

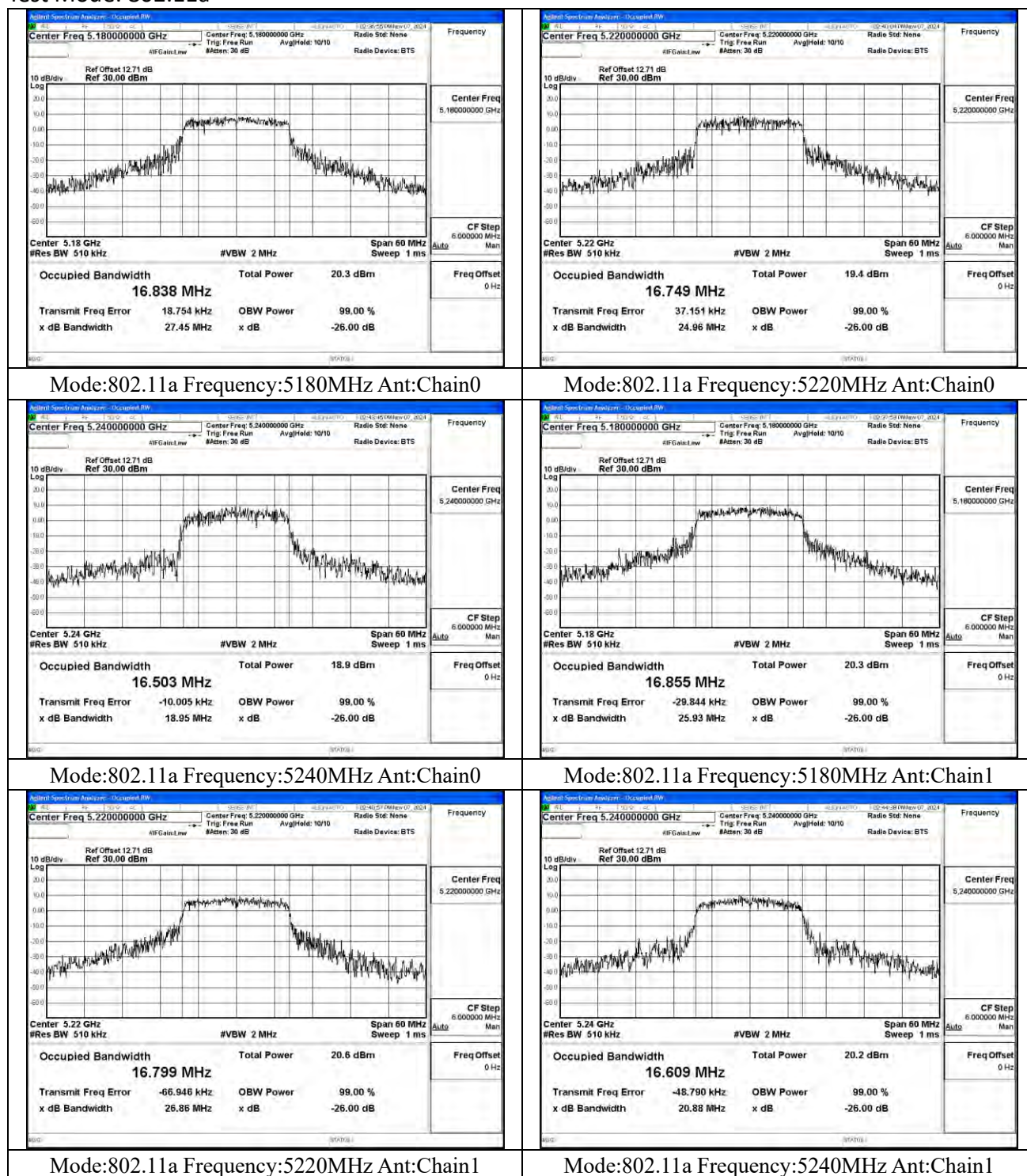
Test Mode	Tones/ RUIndex	Antenna	26dB Bandwidth (MHz)		
			5180MHz	5220MHz	5240MHz
802.11ax HE20	26T 0	Chain0	20.32	20.58	19.21
802.11ax HE20	26T 0	Chain1	20.95	20.39	19.72



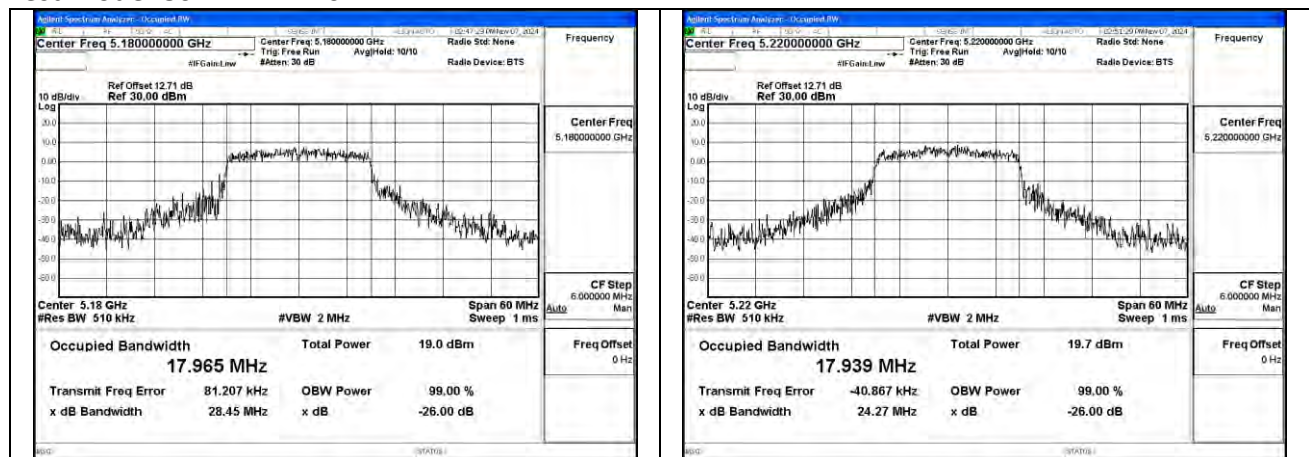
BUREAU
VERITAS

No.: W7L-P20241205-1RF04
FCC ID: 2AJVQ-MWH414S

Test Mode: 802.11a

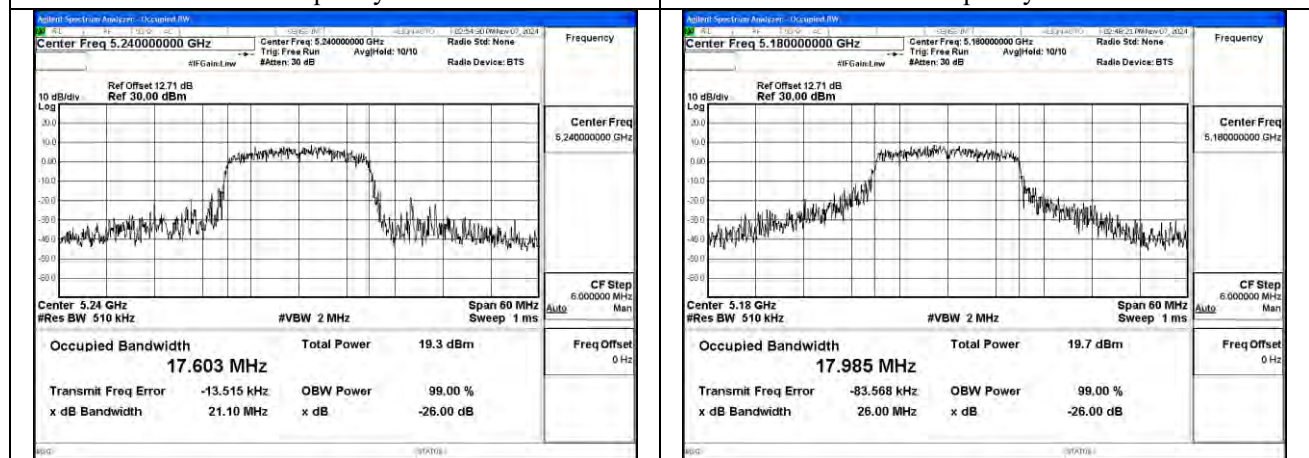


Test Mode: 802.11n HT20



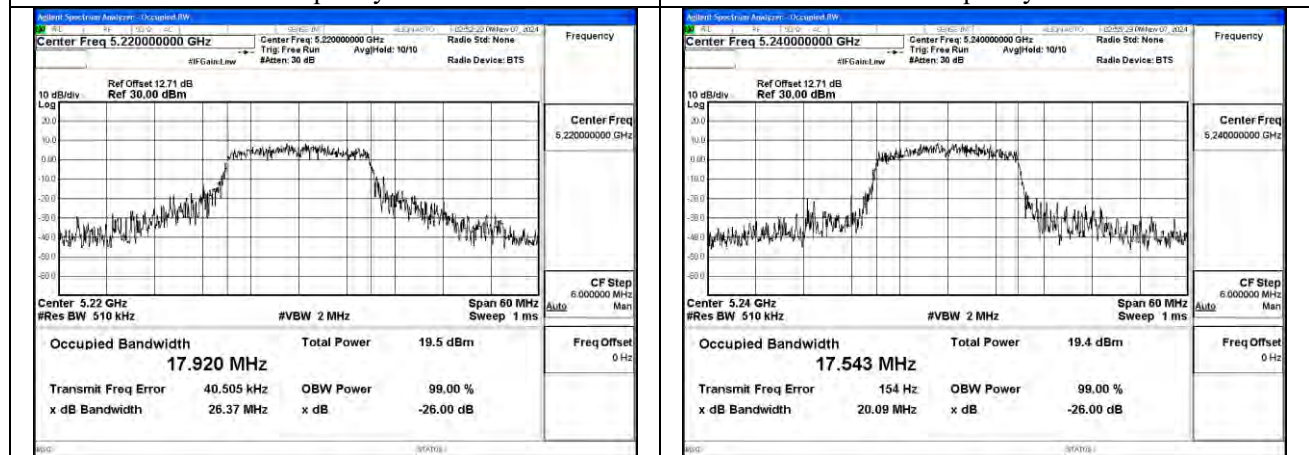
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0

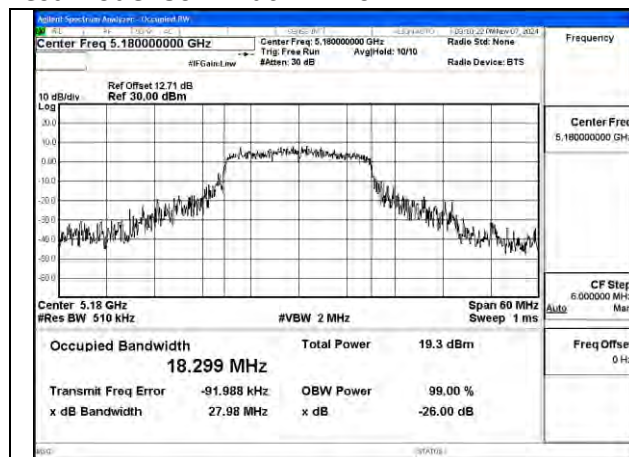
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



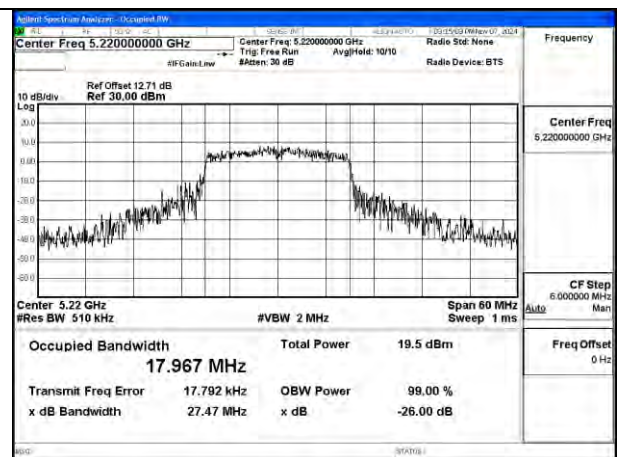
Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

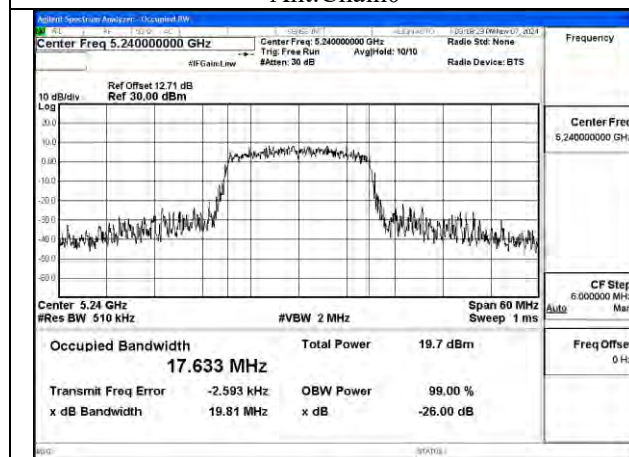
Test Mode: 802.11ac VHT20



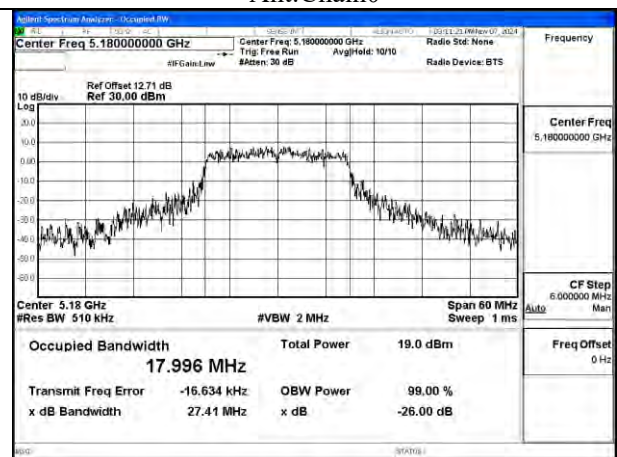
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain0



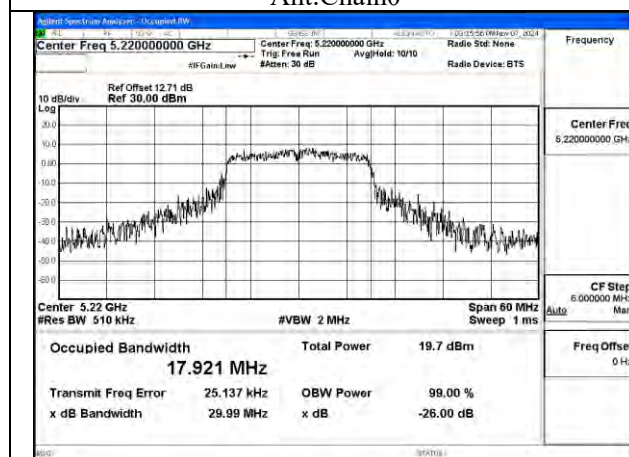
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain0



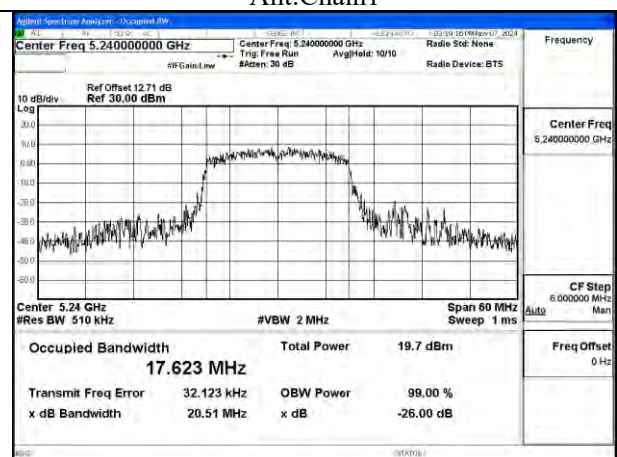
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain1

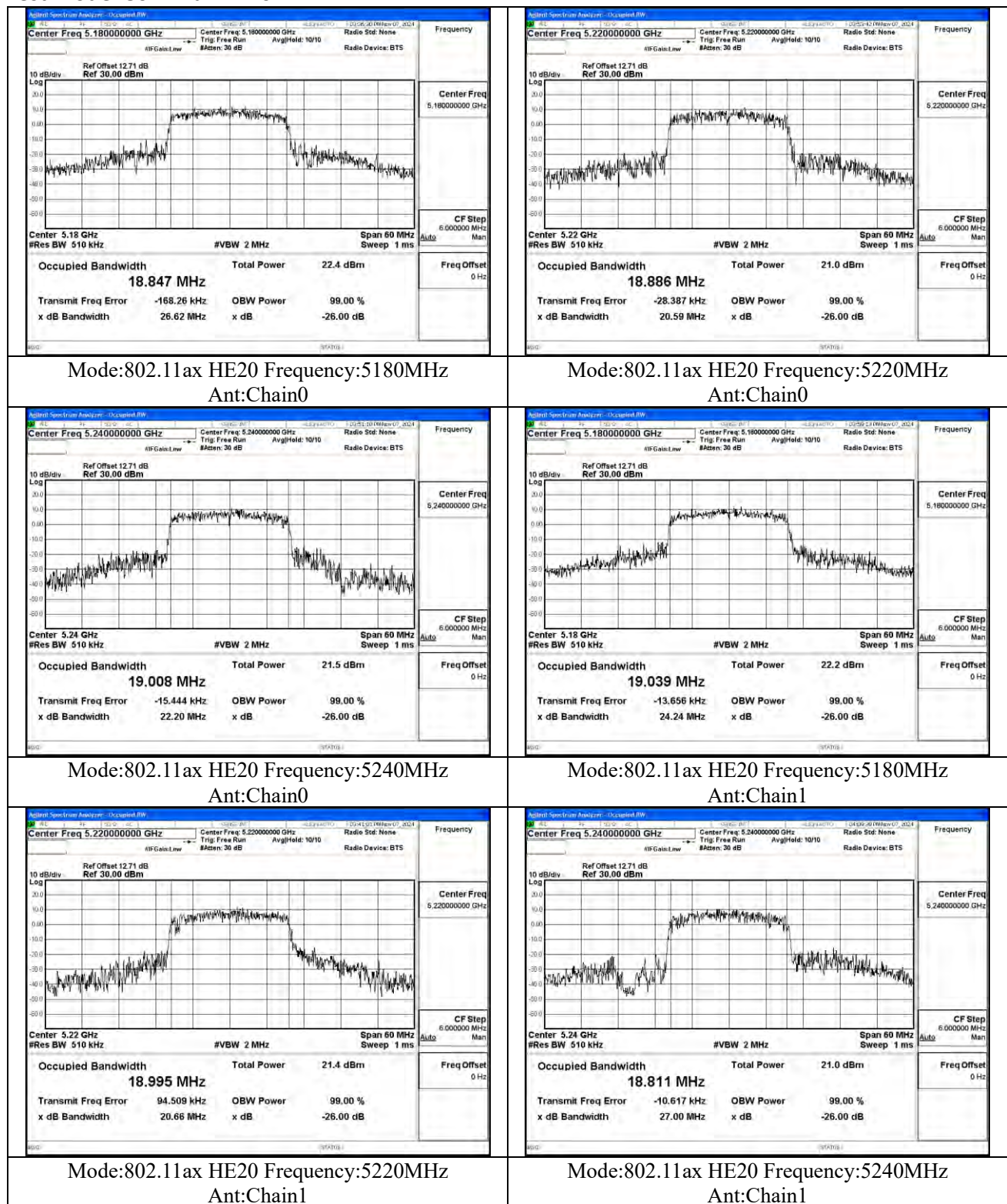


Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain1

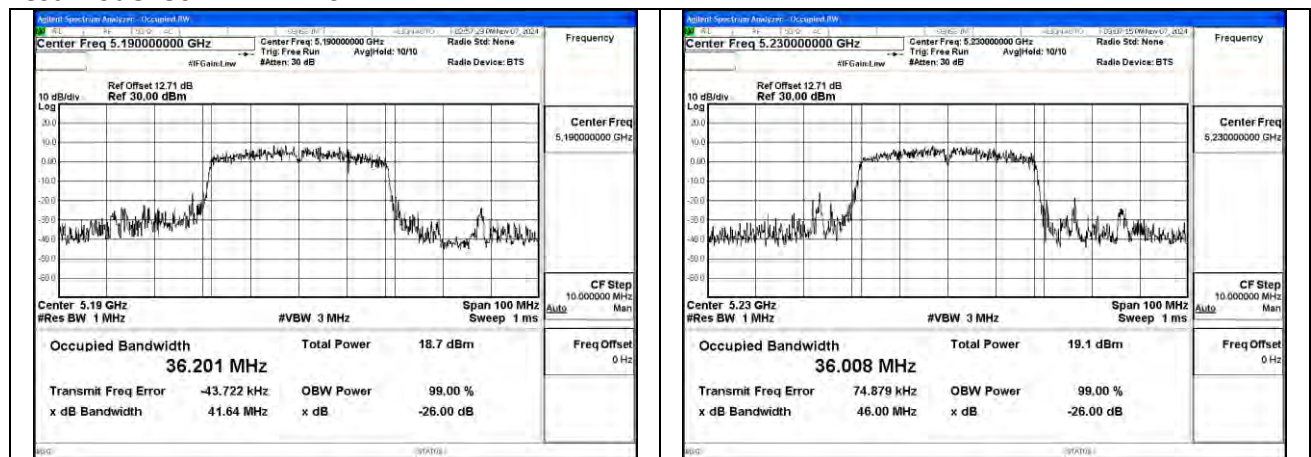


Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain1

Test Mode: 802.11ax HE20

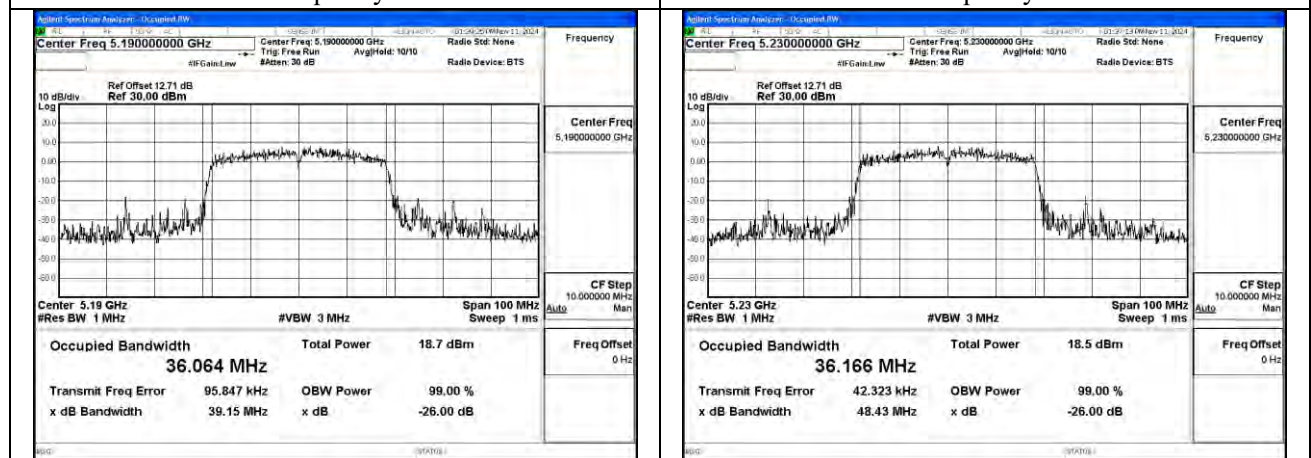


Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5190MHz Ant:Chain0

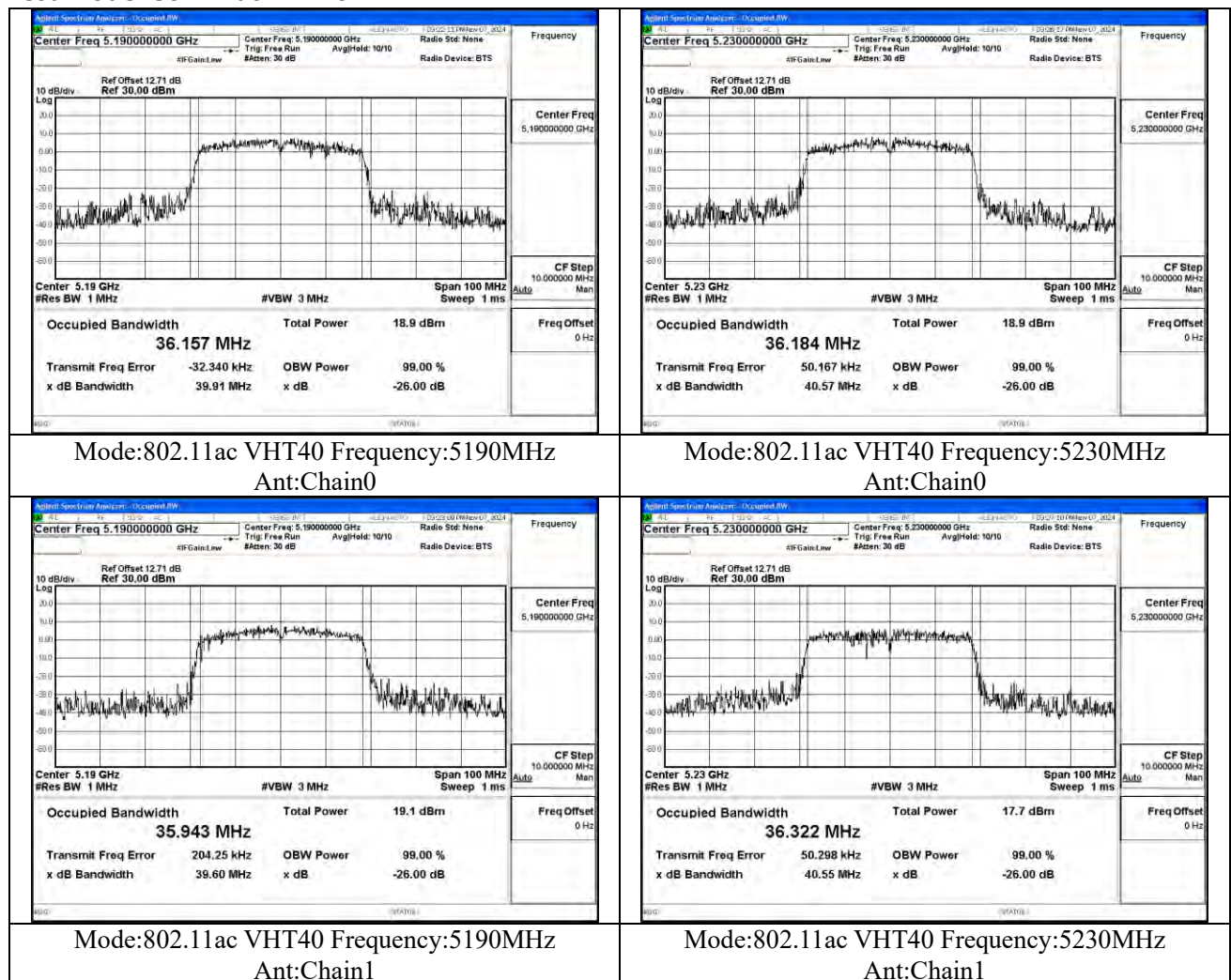
Mode:802.11n HT40 Frequency:5230MHz Ant:Chain0



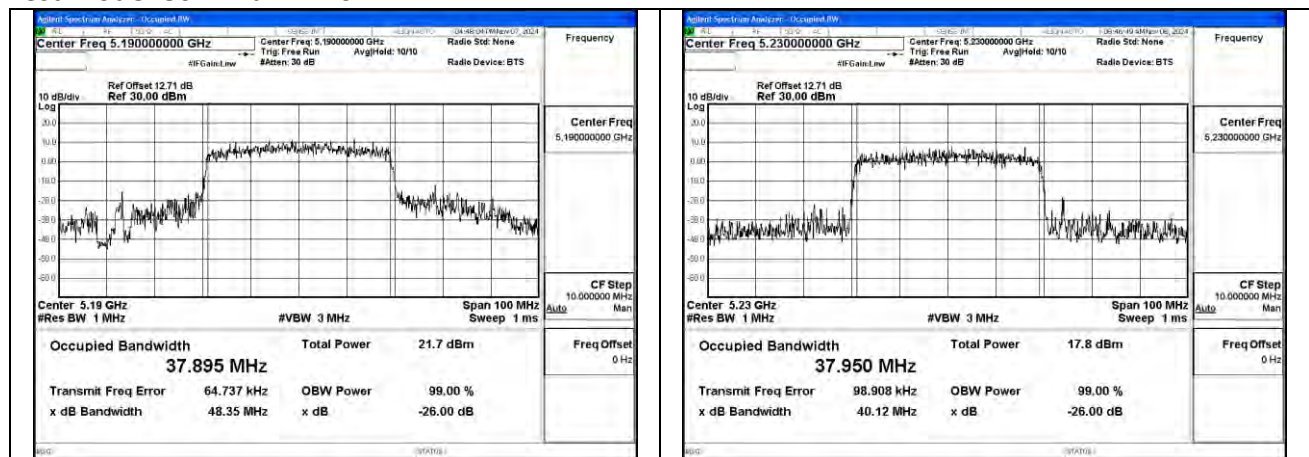
Mode:802.11n HT40 Frequency:5190MHz Ant:Chain1

Mode:802.11n HT40 Frequency:5230MHz Ant:Chain1

Test Mode: 802.11ac VHT40

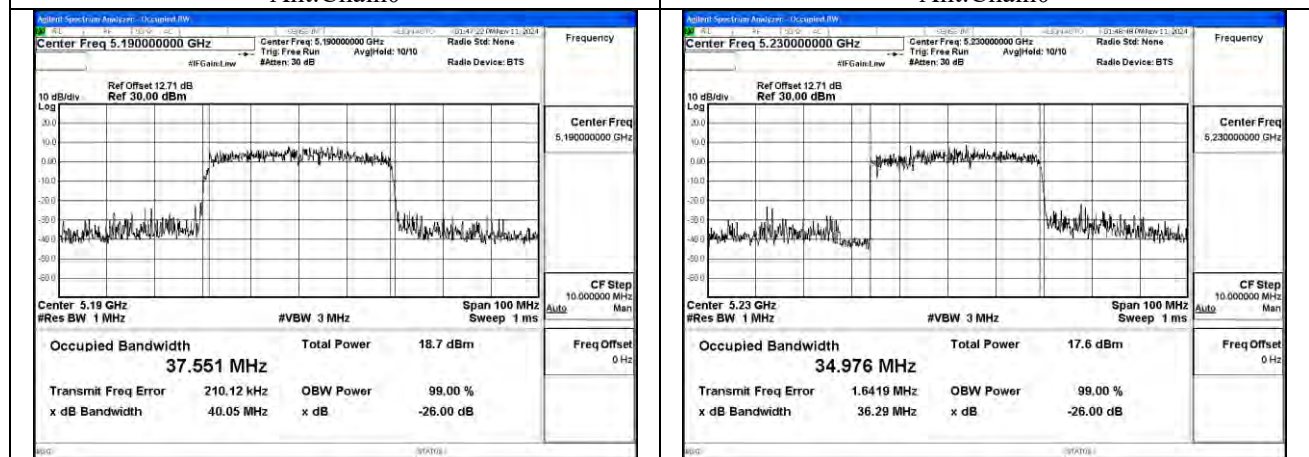


Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Frequency:5190MHz
Ant:Chain0

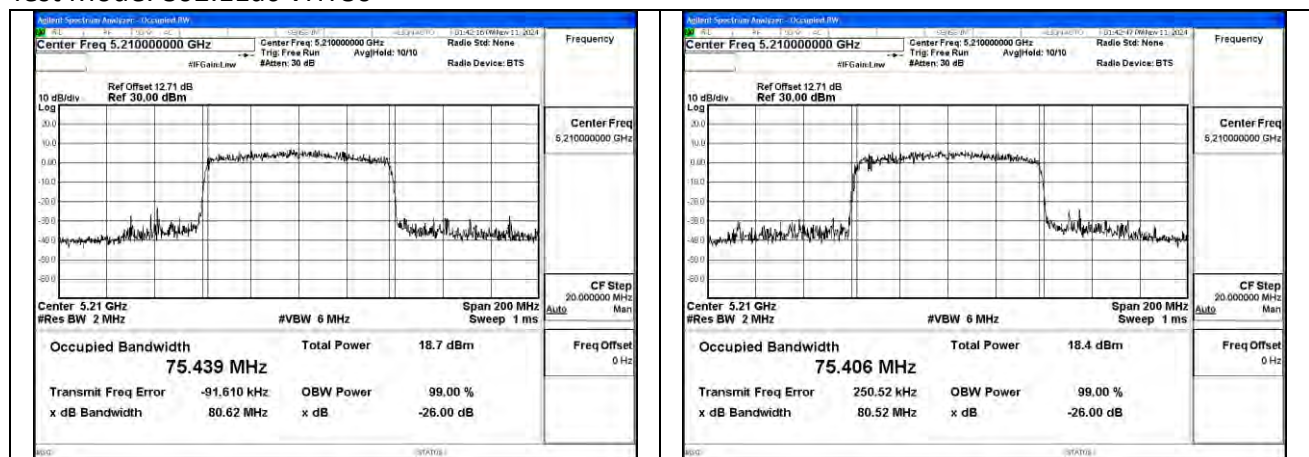
Mode:802.11ax HE40 Frequency:5230MHz
Ant:Chain0



Mode:802.11ax HE40 Frequency:5190MHz
Ant:Chain1

Mode:802.11ax HE40 Frequency:5230MHz
Ant:Chain1

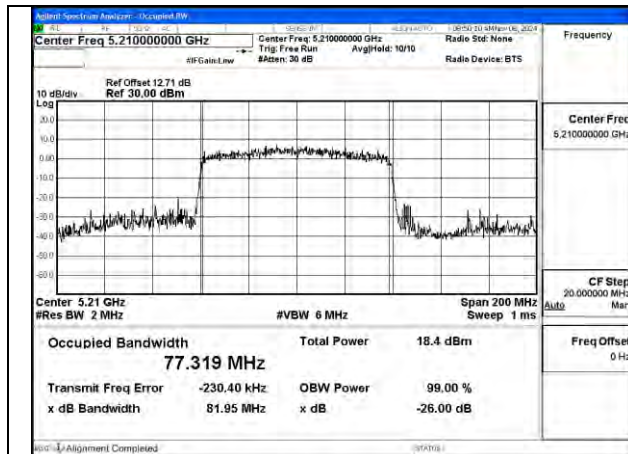
Test Mode: 802.11ac VHT80



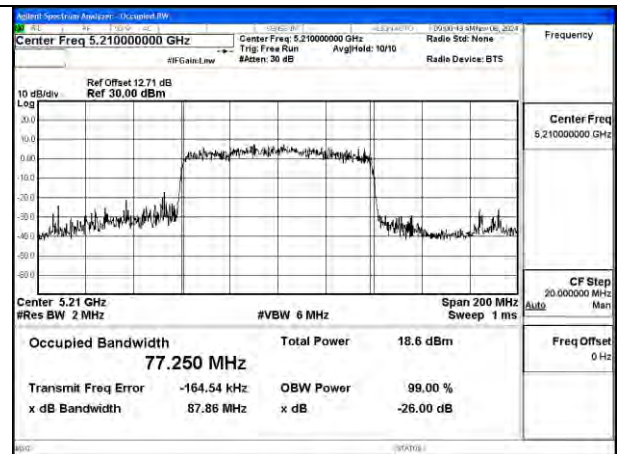
Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain0

Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain1

Test Mode: 802.11ax HE80

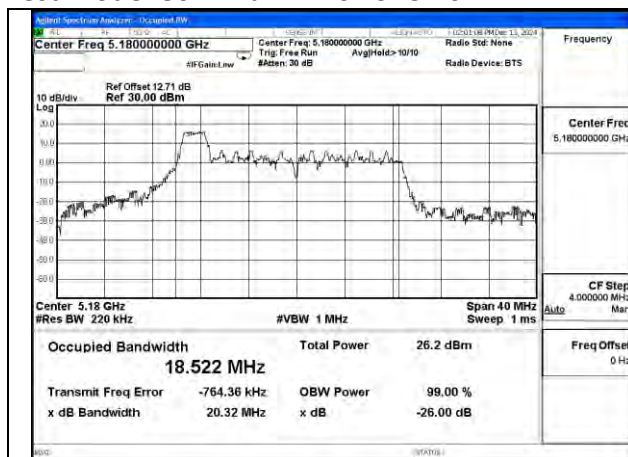


Mode:802.11ax HE80 Frequency:5210MHz
Ant:Chain0

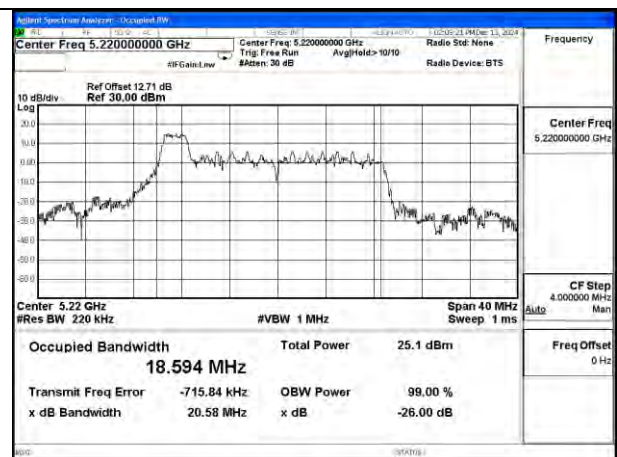


Mode:802.11ax HE80 Frequency:5210MHz
Ant:Chain1

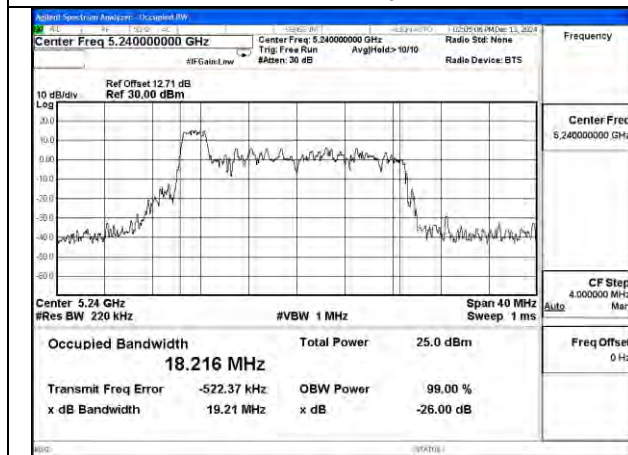
Test Mode: 802.11ax HE20 Tone:26T



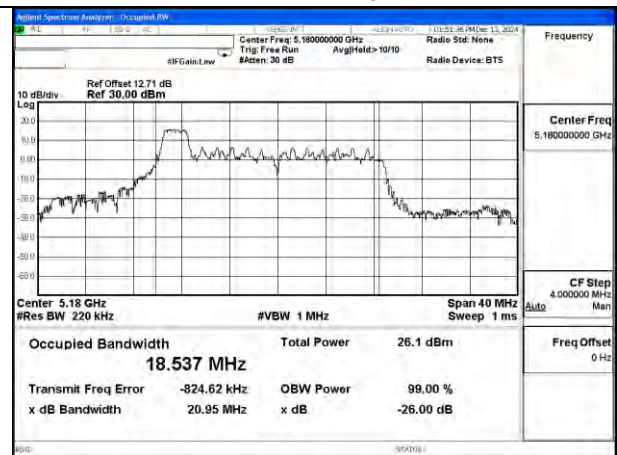
Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain0



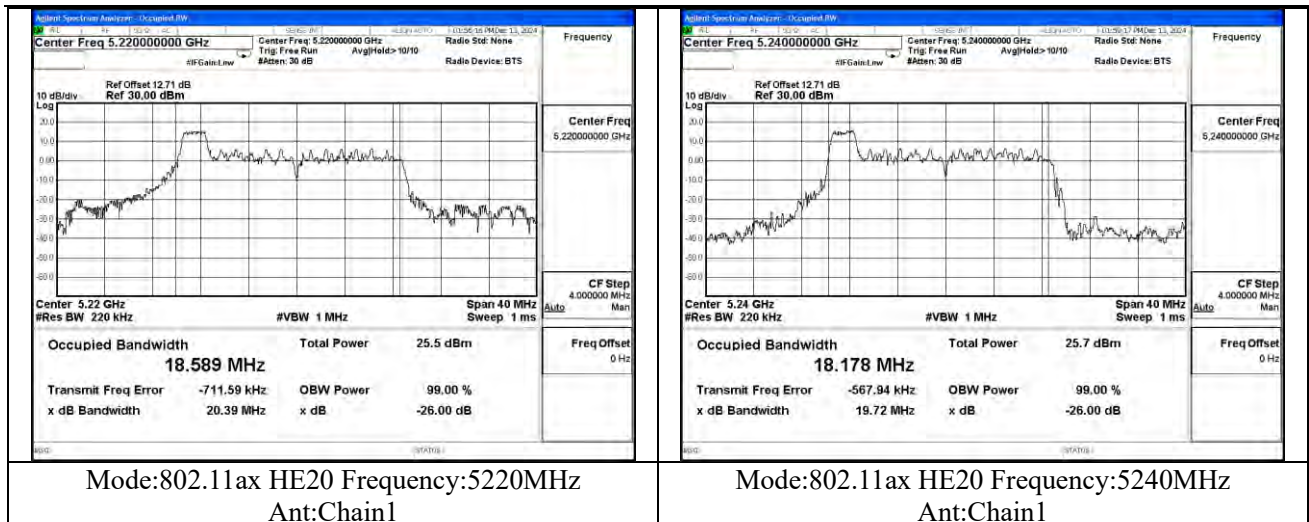
Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain1



Occupied Bandwidth

Offset 12.71dB = Attenuator + Temporary antenna connector loss + Cable loss

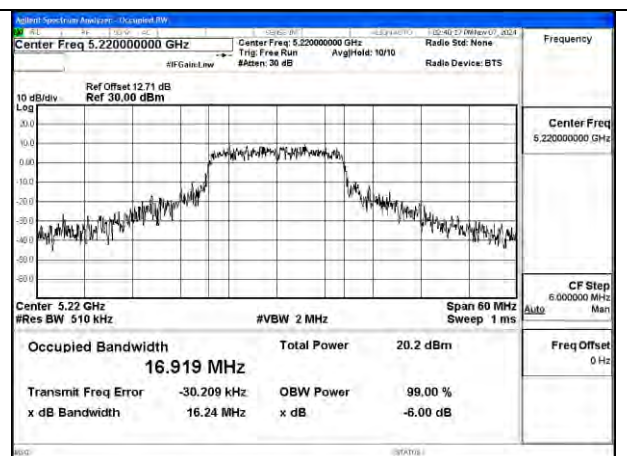
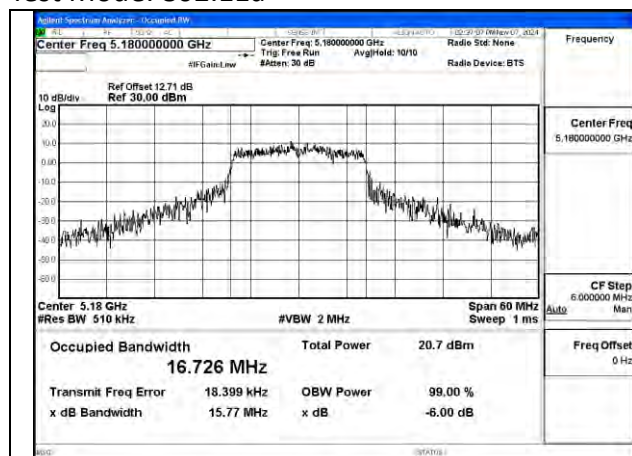
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Chain0	16.726	16.919	16.575
802.11a	Chain1	16.855	16.901	16.477
802.11n HT20	Chain0	18.028	18.004	17.718
802.11n HT20	Chain1	17.978	18.016	17.631
802.11ac VHT20	Chain0	17.985	17.967	17.654
802.11ac VHT20	Chain1	18.011	17.991	17.636
802.11ax HE20	Chain0	19.224	18.947	18.999
802.11ax HE20	Chain1	19.100	19.117	18.905

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Chain0	36.001	---	35.839
802.11n HT40	Chain1	36.119	---	36.221
802.11ac VHT40	Chain0	36.000	---	36.296
802.11ac VHT40	Chain1	36.102	---	36.052
802.11ax HE40	Chain0	38.199	---	38.068
802.11ax HE40	Chain1	37.845	---	37.837

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Chain0	75.868	---	---
802.11ac VHT80	Chain1	75.907	---	---
802.11ax HE80	Chain0	77.404	---	---
802.11ax HE80	Chain1	77.577	---	---

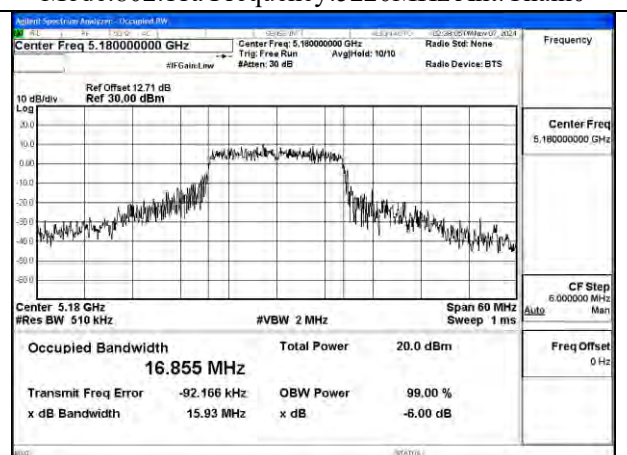
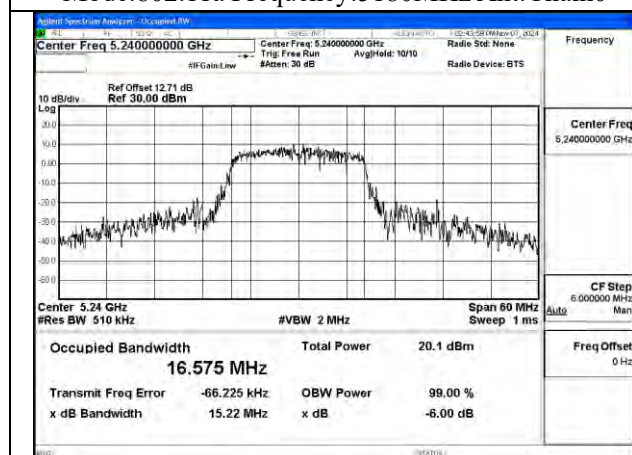
Test Mode	Tones/ RUIndex	Antenna	Occupied Bandwidth (MHz)		
			5180MHz	5220MHz	5240MHz
802.11ax HE20	26T 0	Chain0	18.521	18.615	18.156
802.11ax HE20	26T 0	Chain1	18.414	18.612	18.070

Test Mode: 802.11a



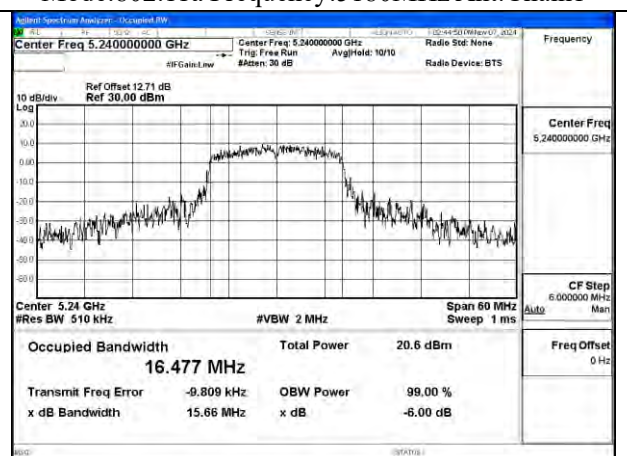
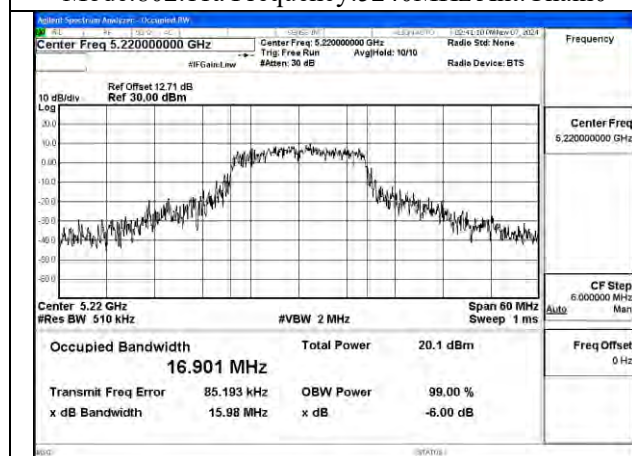
Mode:802.11a Frequency:5180MHz Ant:Chain0

Mode:802.11a Frequency:5220MHz Ant:Chain0



Mode:802.11a Frequency:5240MHz Ant:Chain0

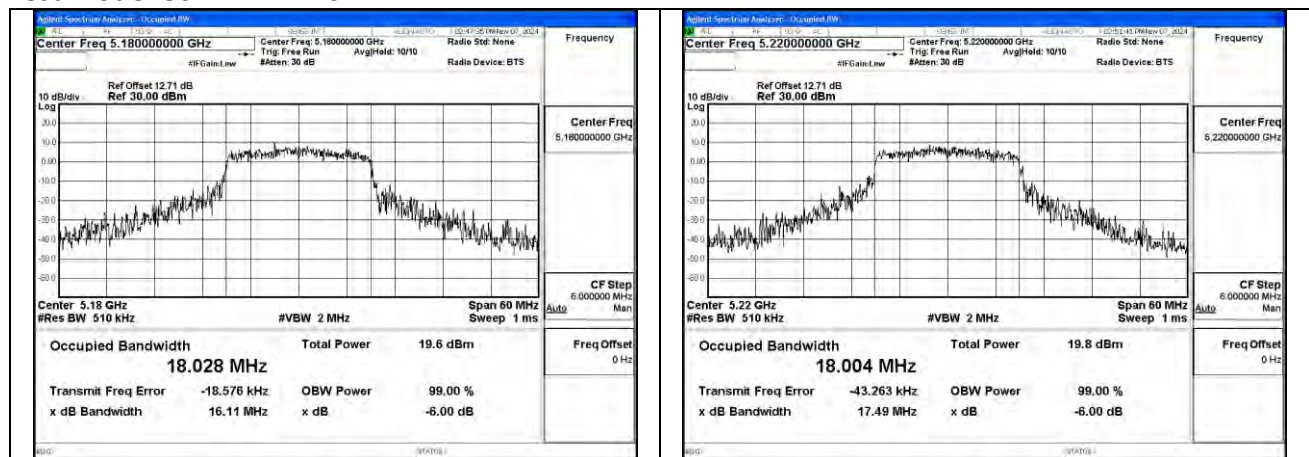
Mode:802.11a Frequency:5180MHz Ant:Chain1



Mode:802.11a Frequency:5220MHz Ant:Chain1

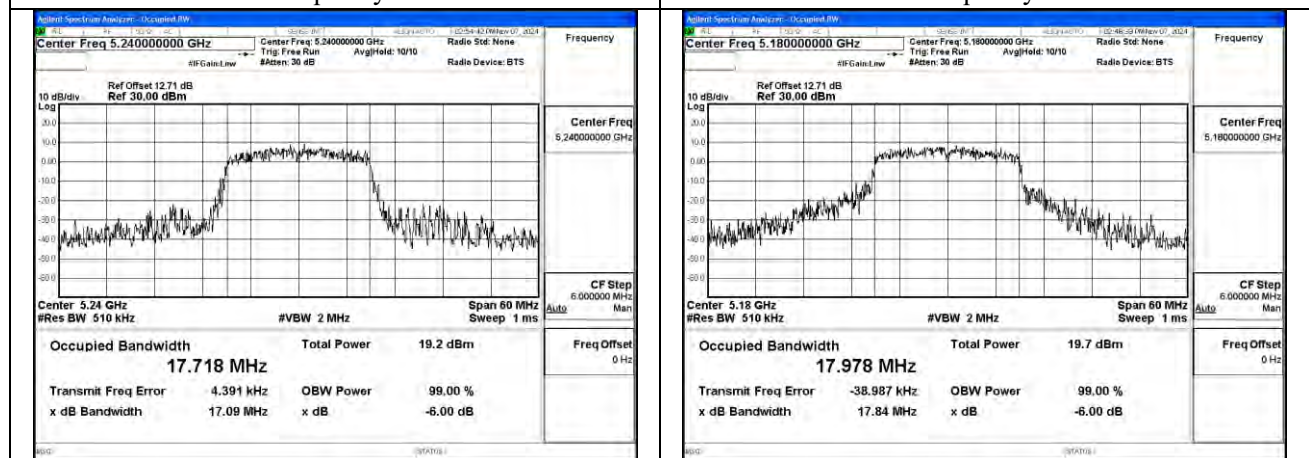
Mode:802.11a Frequency:5240MHz Ant:Chain1

Test Mode: 802.11n HT20



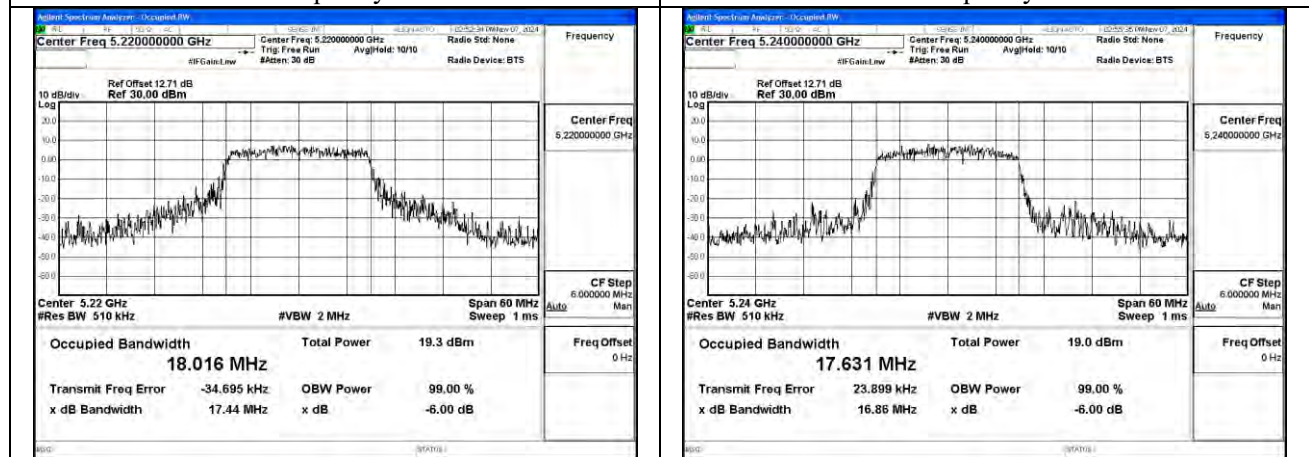
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0

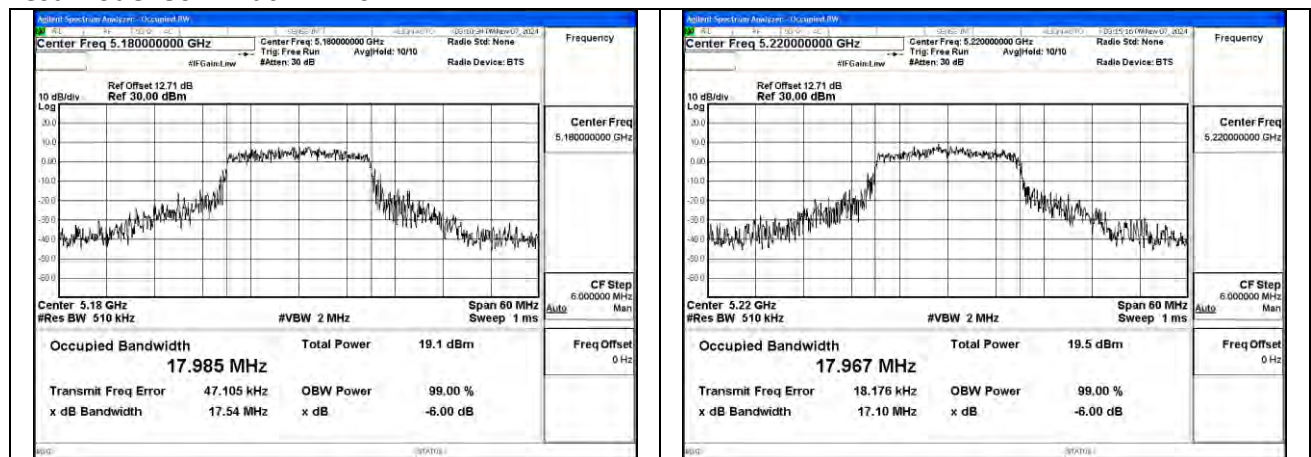
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1

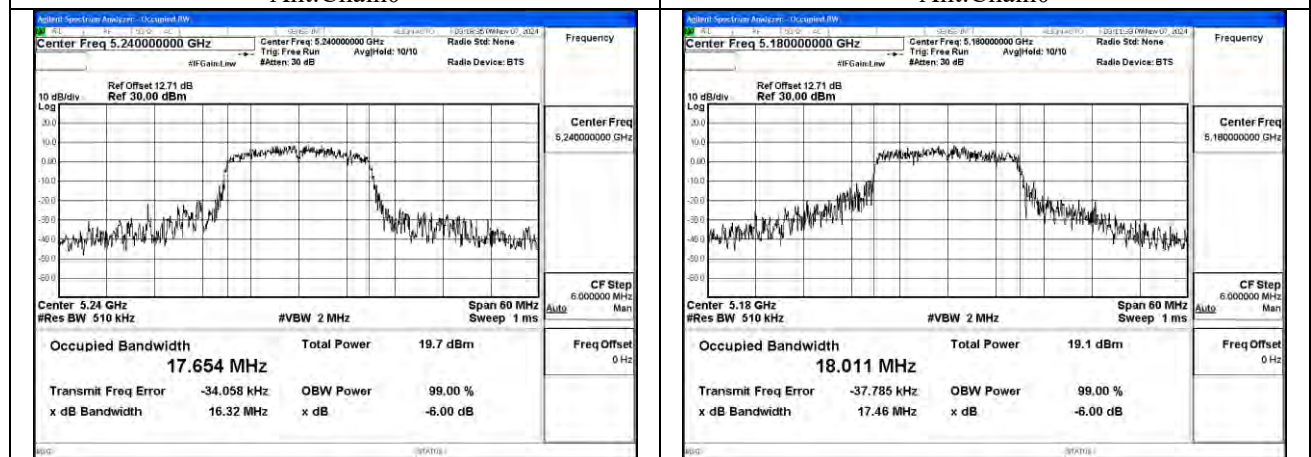
Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

Test Mode: 802.11ac VHT20



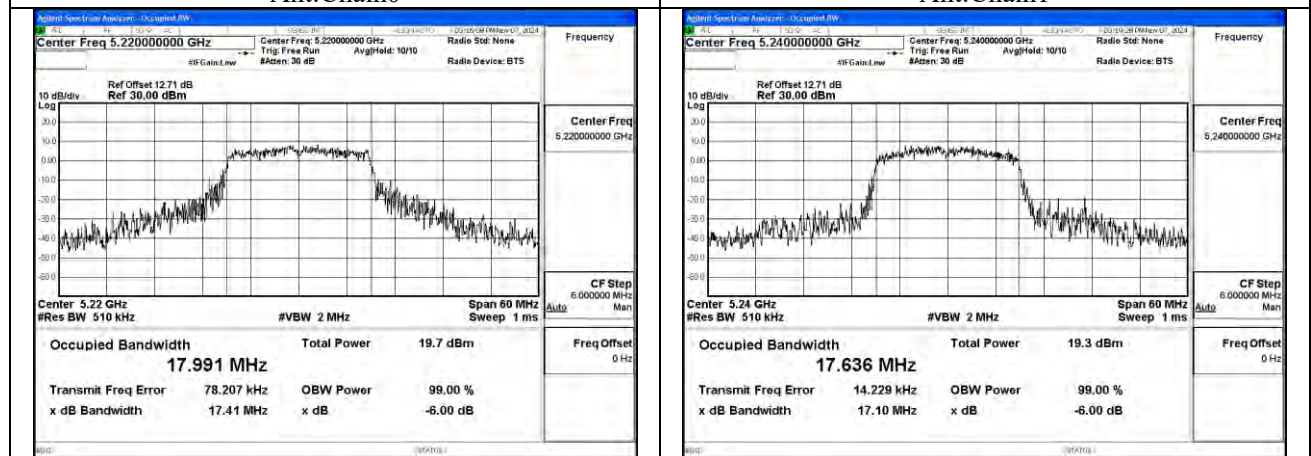
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain0

Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain0

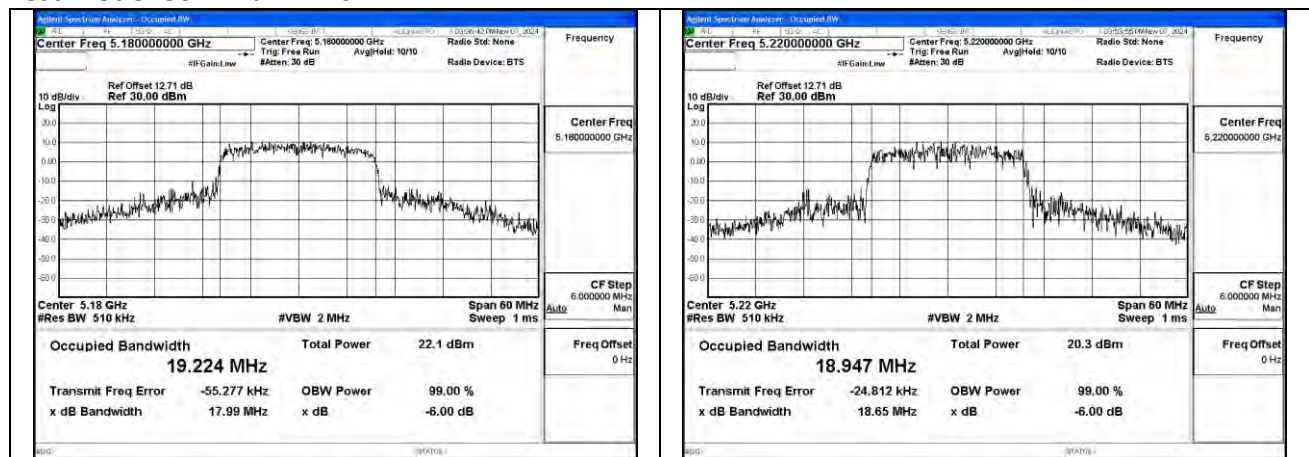
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain1

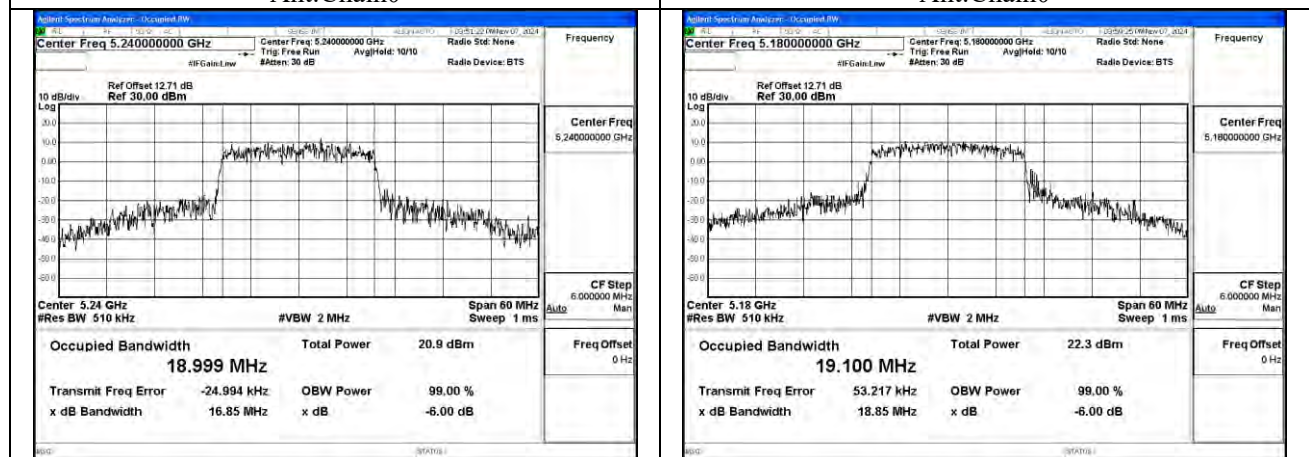
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain1

Test Mode: 802.11ax HE20



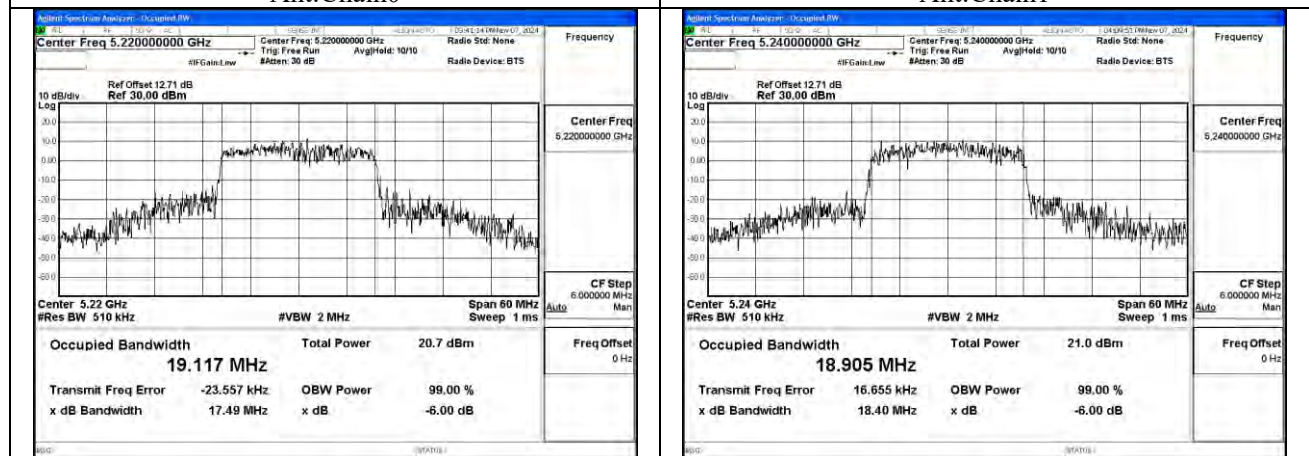
Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain0

Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain0

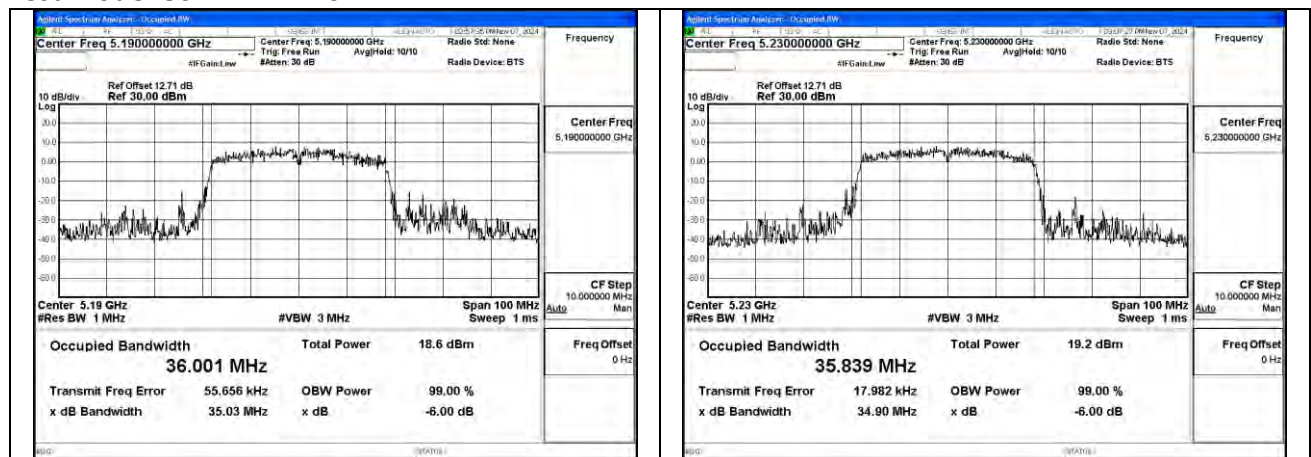
Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain1

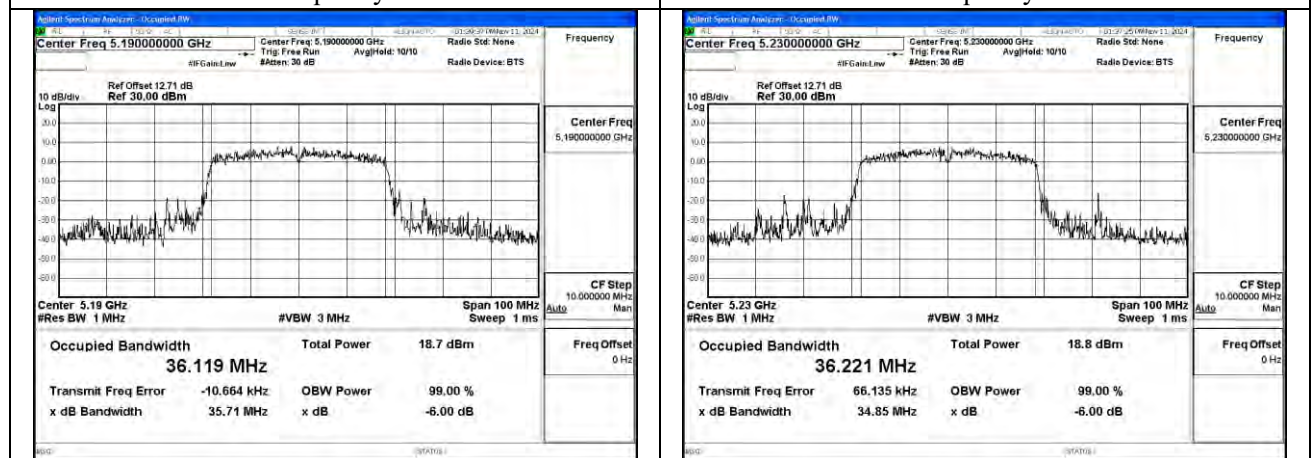
Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5190MHz Ant:Chain0

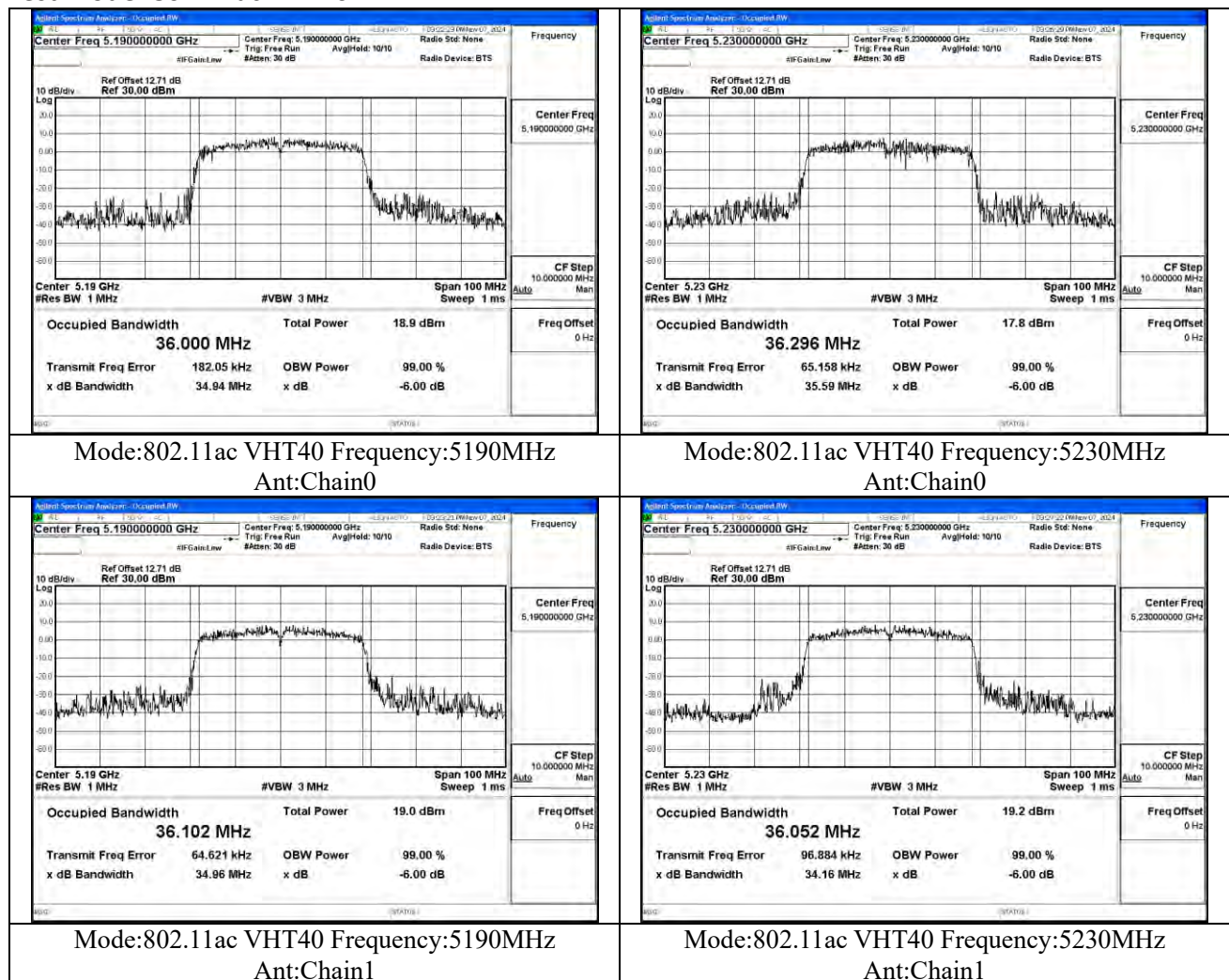
Mode:802.11n HT40 Frequency:5230MHz Ant:Chain0



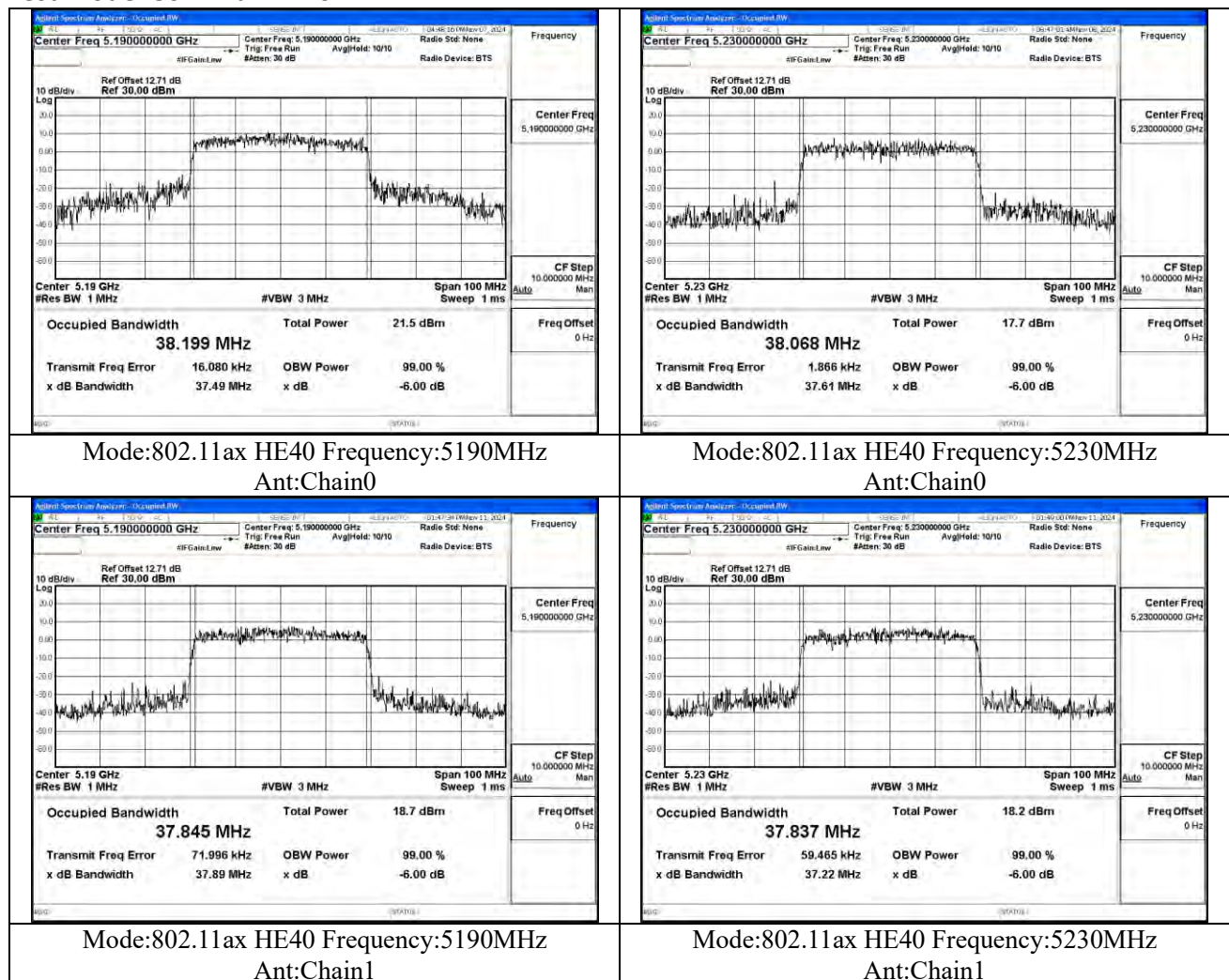
Mode:802.11n HT40 Frequency:5190MHz Ant:Chain1

Mode:802.11n HT40 Frequency:5230MHz Ant:Chain1

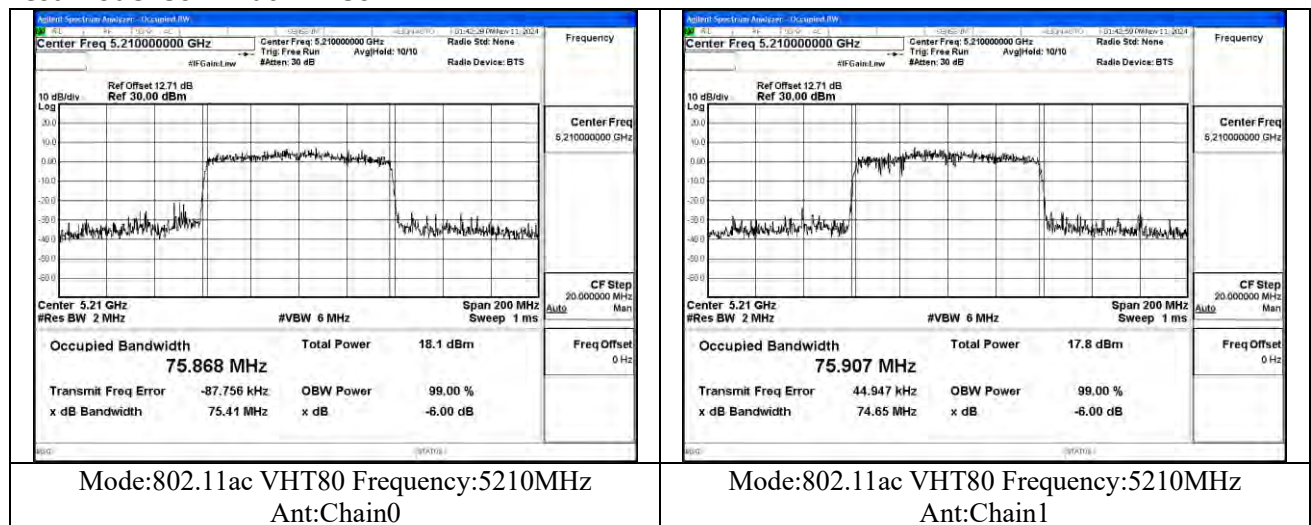
Test Mode: 802.11ac VHT40



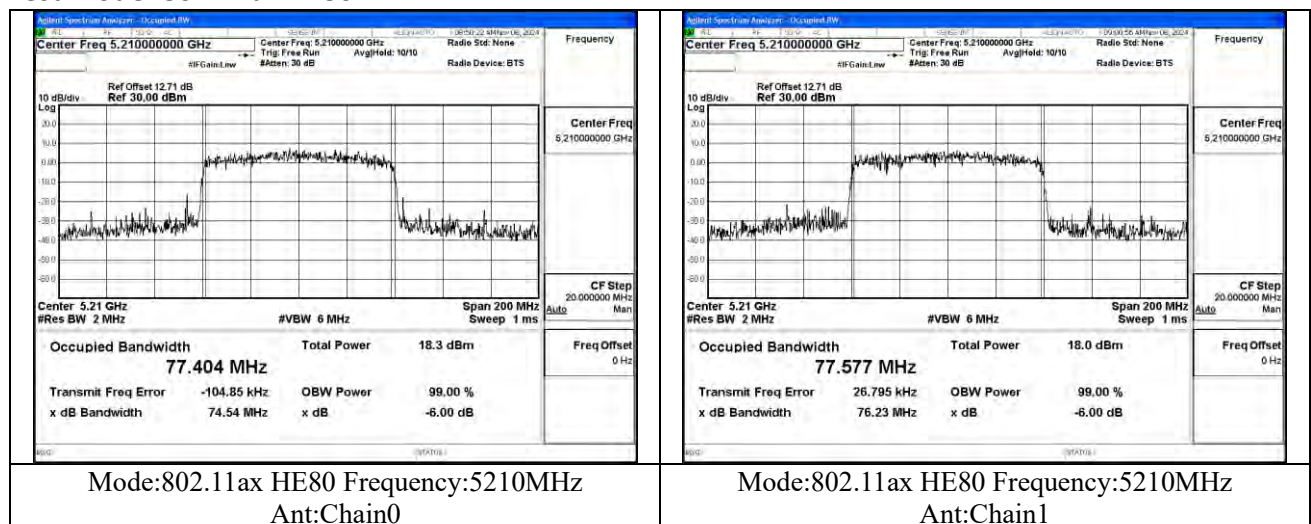
Test Mode: 802.11ax HE40



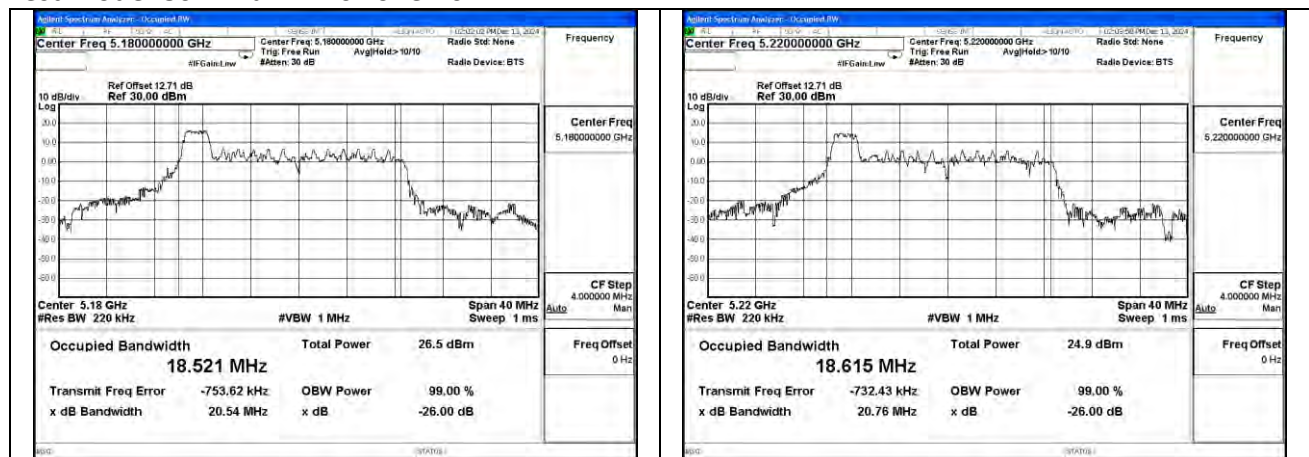
Test Mode: 802.11ac VHT80



Test Mode: 802.11ax HE80

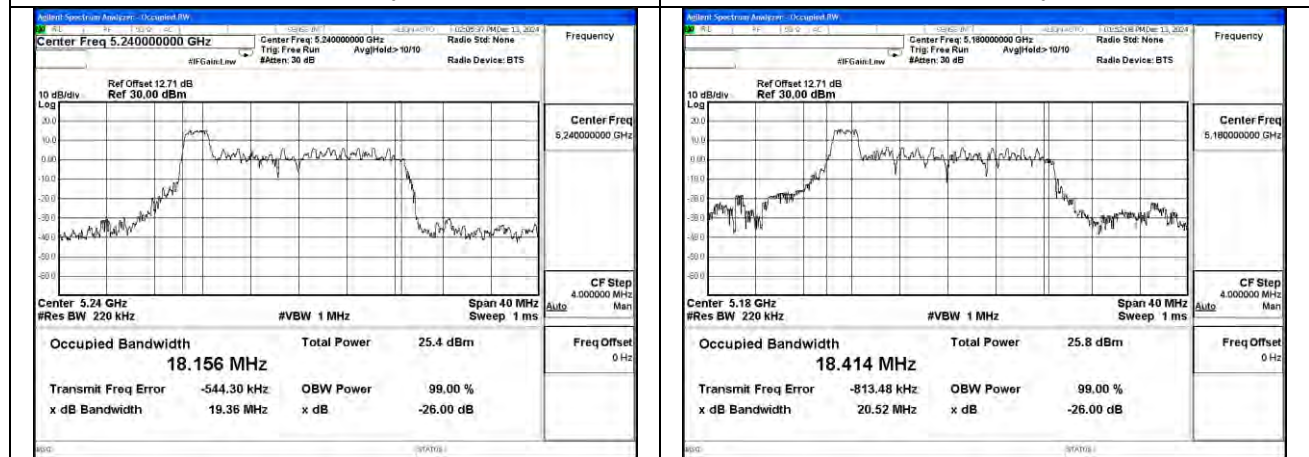


Test Mode: 802.11ax HE20 Tone:26T



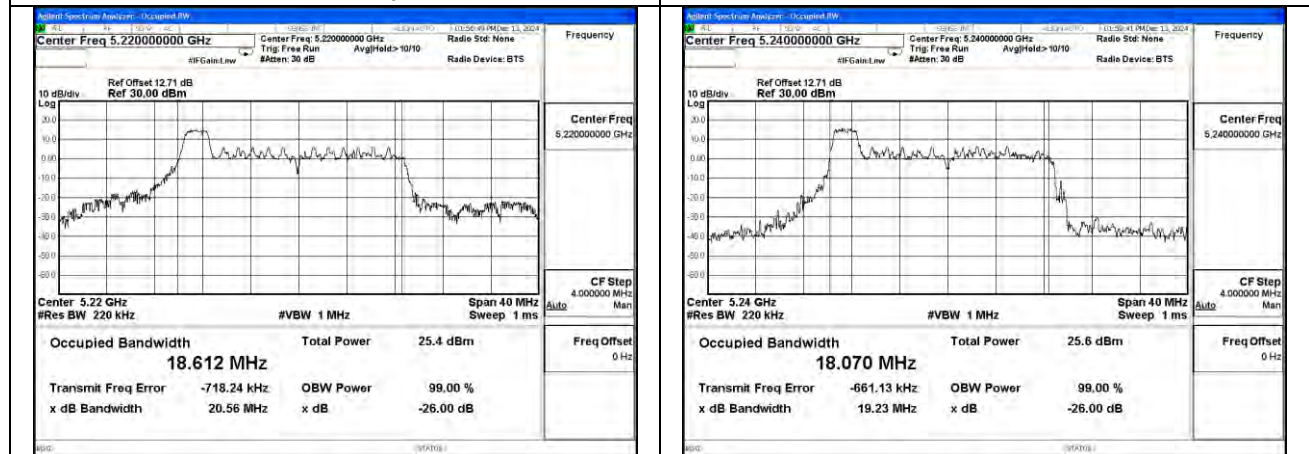
Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain0

Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain0

Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain1

Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain1

Transmitter Power Spectral Density

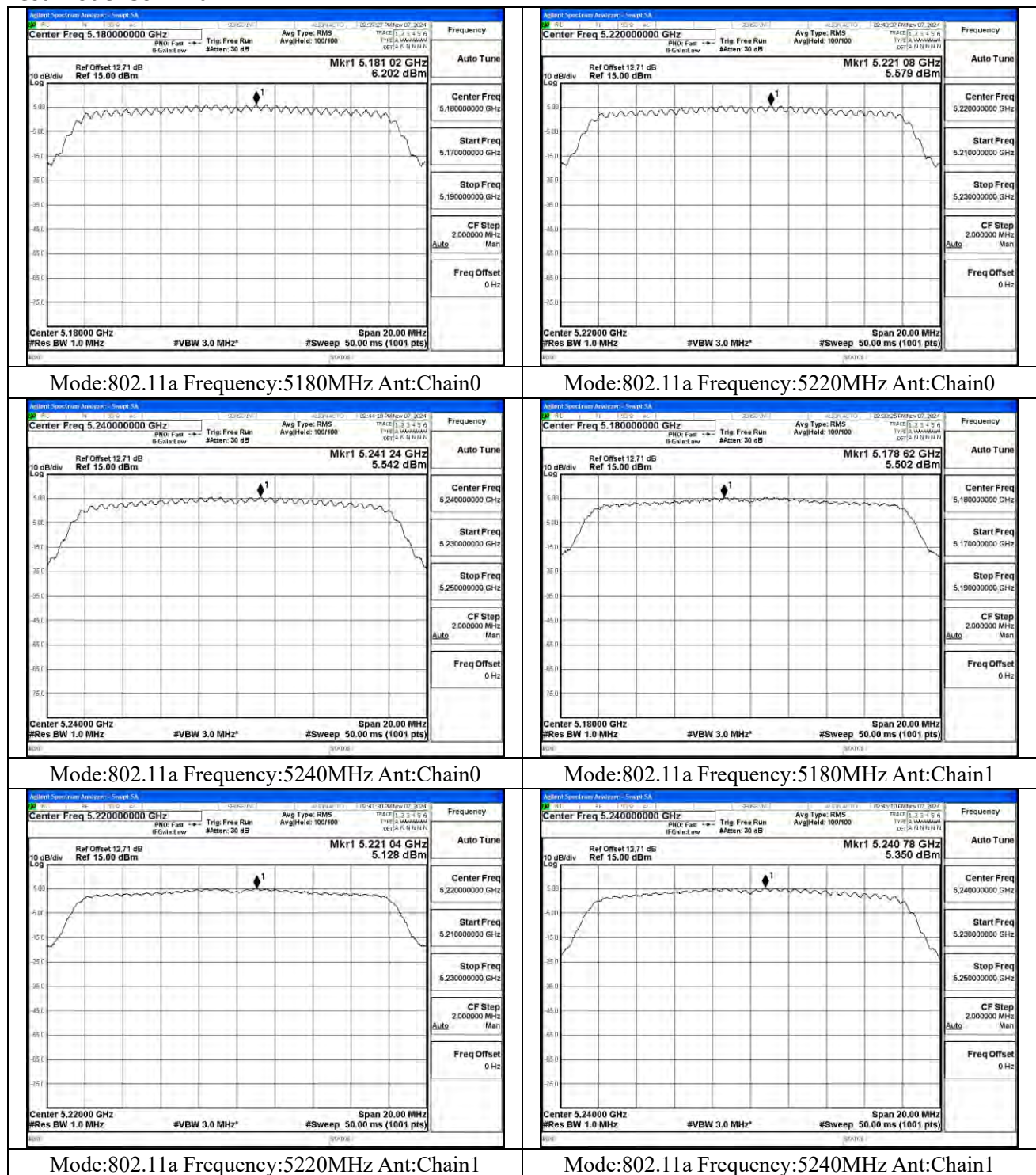
Offset 12.71dB = Attenuator + Temporary antenna connector loss + Cable loss

TestMode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.76	6.962	0.76	6.339	0.76	6.302
802.11a	Chain1	NA	0.71	6.212	0.71	5.838	0.71	6.060
802.11n HT20	Chain0	NA	0.76	4.730	0.76	4.810	0.76	4.792
802.11n HT20	Chain1	NA	0.75	4.483	0.75	4.440	0.75	4.451
802.11n HT20	MIMO	NA	0.76	7.619	0.76	7.639	0.76	7.635
802.11ac VHT20	Chain0	NA	0.74	4.947	0.74	4.451	0.74	4.635
802.11ac VHT20	Chain1	NA	0.75	4.617	0.75	4.827	0.75	4.579
802.11ac VHT20	MIMO	NA	0.75	7.795	0.75	7.653	0.75	7.617
802.11ax HE20	Chain0	26T	0.37	5.959	0.37	5.338	0.37	4.849
802.11ax HE20	Chain1	26T	0.37	5.392	0.37	4.512	0.37	5.037
802.11ax HE20	MIMO	26T	0.37	8.695	0.37	7.955	0.37	7.954
802.11ax HE20	Chain0	52T	0.37	2.020	0.37	1.915	0.37	1.883
802.11ax HE20	Chain1	52T	0.37	2.467	0.37	1.356	0.37	1.590
802.11ax HE20	MIMO	52T	0.37	5.260	0.37	4.655	0.37	4.749
802.11ax HE20	Chain0	106T	0.37	5.220	0.37	4.362	0.37	5.599
802.11ax HE20	Chain1	106T	0.37	5.326	0.37	5.177	0.37	5.322
802.11ax HE20	MIMO	106T	0.37	8.284	0.37	7.799	0.37	8.473
802.11ax HE20	Chain0	242T	0.37	7.559	0.37	4.315	0.37	4.293
802.11ax HE20	Chain1	242T	0.37	7.244	0.37	4.050	0.37	3.859
802.11ax HE20	MIMO	242T	0.37	10.415	0.37	7.195	0.37	7.092

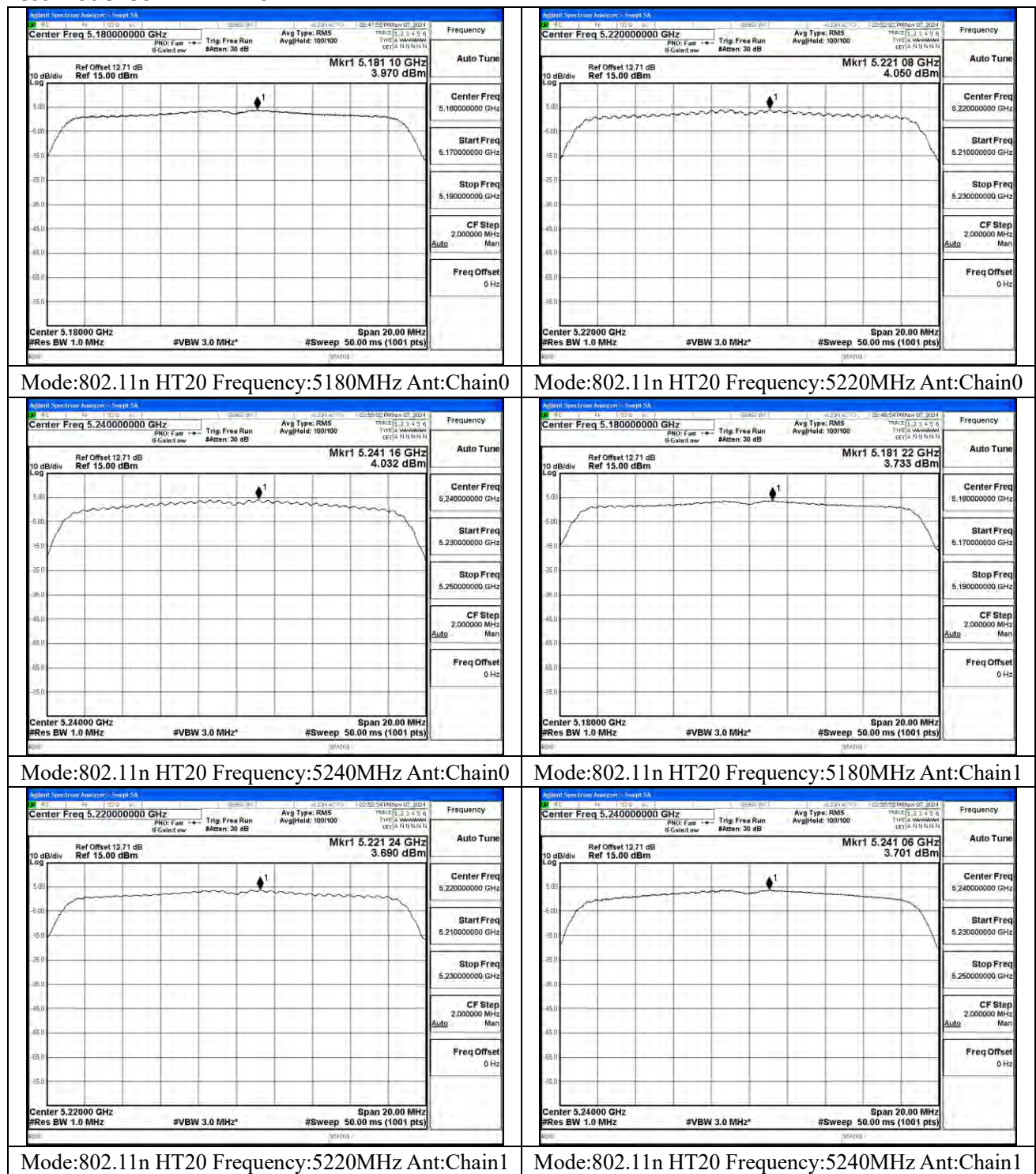
TestMode	Antenna	Tones	5190MHz		---		5230MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	1.12	0.890	---	---	1.12	0.567
802.11n HT40	Chain1	NA	1.03	0.543	---	---	1.03	0.660
802.11n HT40	MIMO	NA	1.12	3.730	---	---	1.12	3.624
802.11ac VHT40	Chain0	NA	1.06	0.777	---	---	1.06	0.974
802.11ac VHT40	Chain1	NA	1.06	0.468	---	---	1.06	0.342
802.11ac VHT40	MIMO	NA	1.06	3.636	---	---	1.06	3.680
802.11ax HE40	Chain0	26T	1.12	3.698	---	---	1.12	5.580
802.11ax HE40	Chain1	26T	1.12	4.308	---	---	1.12	5.225
802.11ax HE40	MIMO	26T	1.12	7.024	---	---	1.12	8.416
802.11ax HE40	Chain0	52T	1.12	2.258	---	---	1.12	1.860
802.11ax HE40	Chain1	52T	1.12	2.604	---	---	1.12	2.679
802.11ax HE40	MIMO	52T	1.12	5.445	---	---	1.12	5.299
802.11ax HE40	Chain0	106T	1.12	4.835	---	---	1.12	3.941
802.11ax HE40	Chain1	106T	1.12	4.433	---	---	1.12	3.649
802.11ax HE40	MIMO	106T	1.12	7.649	---	---	1.12	6.808
802.11ax HE40	Chain0	242T	1.12	3.332	---	---	1.12	3.730
802.11ax HE40	Chain1	242T	1.12	3.566	---	---	1.12	3.551
802.11ax HE40	MIMO	242T	1.12	6.417	---	---	1.12	6.606
802.11ax HE40	Chain0	484T	1.12	1.603	---	---	1.12	2.003
802.11ax HE40	Chain1	484T	1.12	1.373	---	---	1.12	1.349
802.11ax HE40	MIMO	484T	1.12	4.454	---	---	1.12	4.650

TestMode	Antenna	Tones	5210MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	1.30	-4.422	---	---	---	---
802.11ac VHT80	Chain1	NA	1.31	-3.692	---	---	---	---
802.11ac VHT80	MIMO	NA	1.31	-1.031	---	---	---	---
802.11ax HE80	Chain0	26T	1.14	3.702	---	---	---	---
802.11ax HE80	Chain1	26T	1.18	3.489	---	---	---	---
802.11ax HE80	MIMO	26T	1.18	6.607	---	---	---	---
802.11ax HE80	Chain0	52T	1.14	1.606	---	---	---	---
802.11ax HE80	Chain1	52T	1.18	1.436	---	---	---	---
802.11ax HE80	MIMO	52T	1.18	4.532	---	---	---	---
802.11ax HE80	Chain0	106T	1.14	5.125	---	---	---	---
802.11ax HE80	Chain1	106T	1.18	5.688	---	---	---	---
802.11ax HE80	MIMO	106T	1.18	8.426	---	---	---	---
802.11ax HE80	Chain0	242T	1.14	2.306	---	---	---	---
802.11ax HE80	Chain1	242T	1.18	2.535	---	---	---	---
802.11ax HE80	MIMO	242T	1.18	5.432	---	---	---	---
802.11ax HE80	Chain0	484T	1.14	0.191	---	---	---	---
802.11ax HE80	Chain1	484T	1.18	0.443	---	---	---	---
802.11ax HE80	MIMO	484T	1.18	3.288	---	---	---	---
802.11ax HE80	Chain0	996T	1.14	-1.863	---	---	---	---
802.11ax HE80	Chain1	996T	1.18	-1.401	---	---	---	---
802.11ax HE80	MIMO	996T	1.18	1.341	---	---	---	---

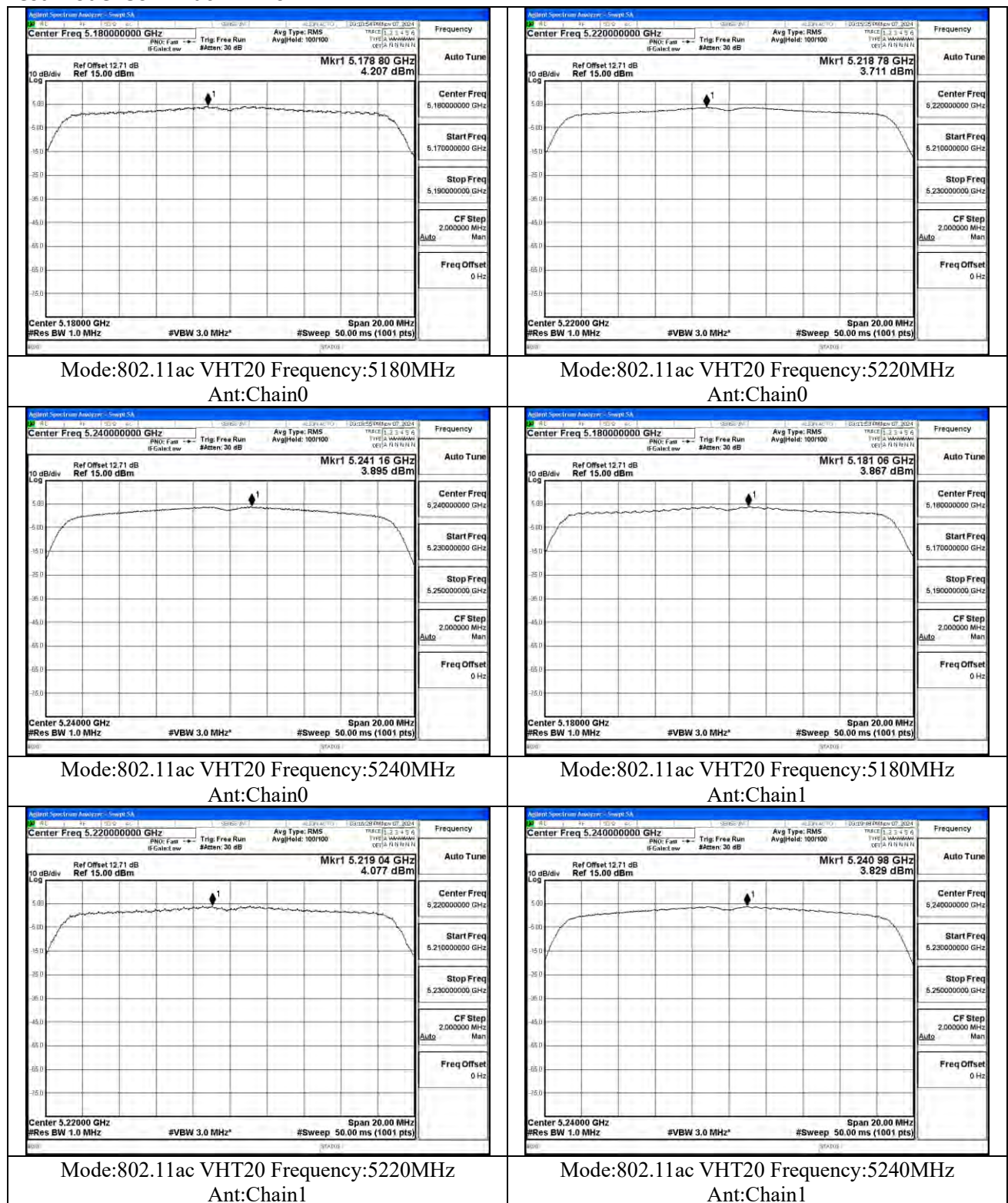
Test Mode: 802.11a



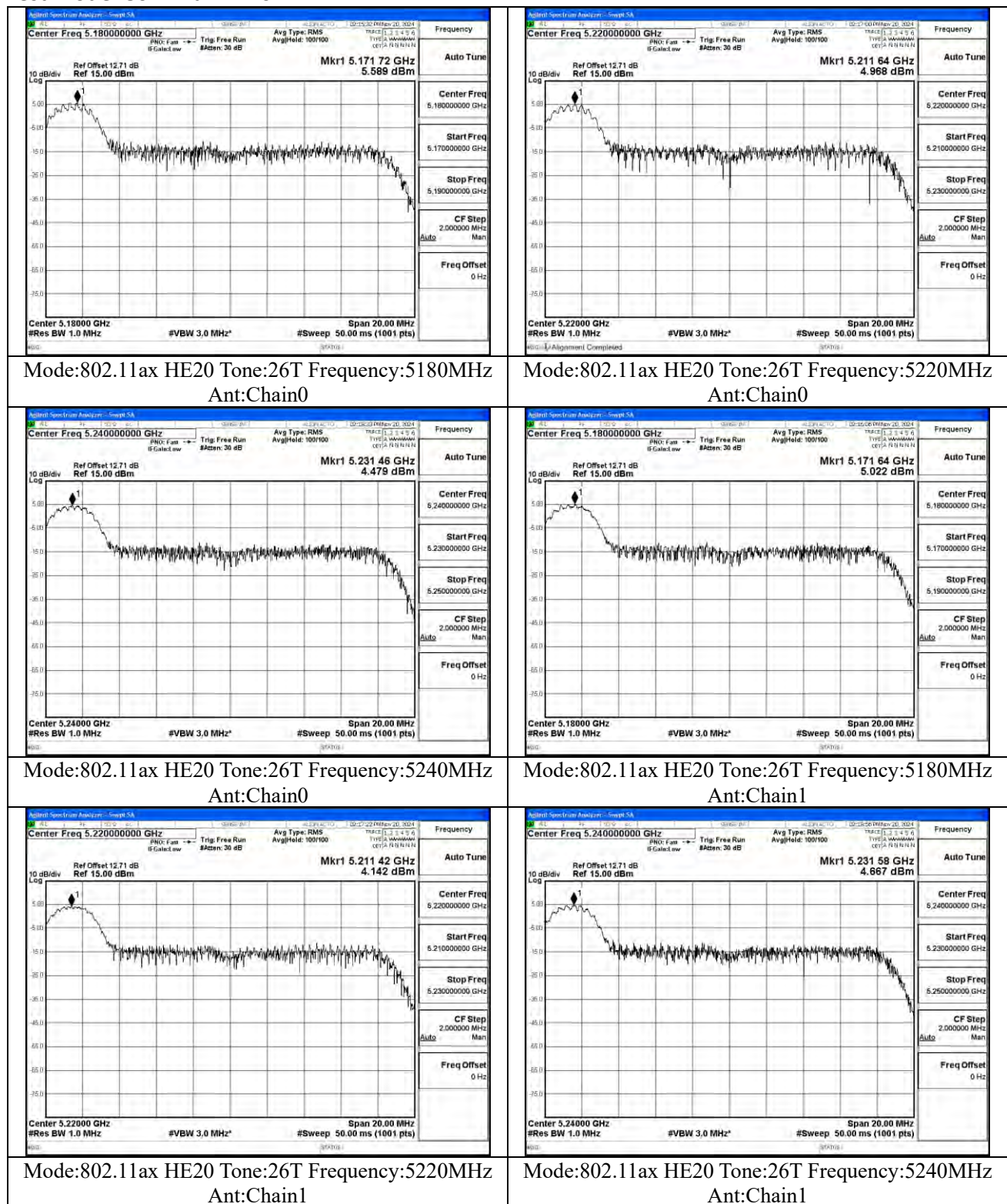
Test Mode: 802.11n HT20

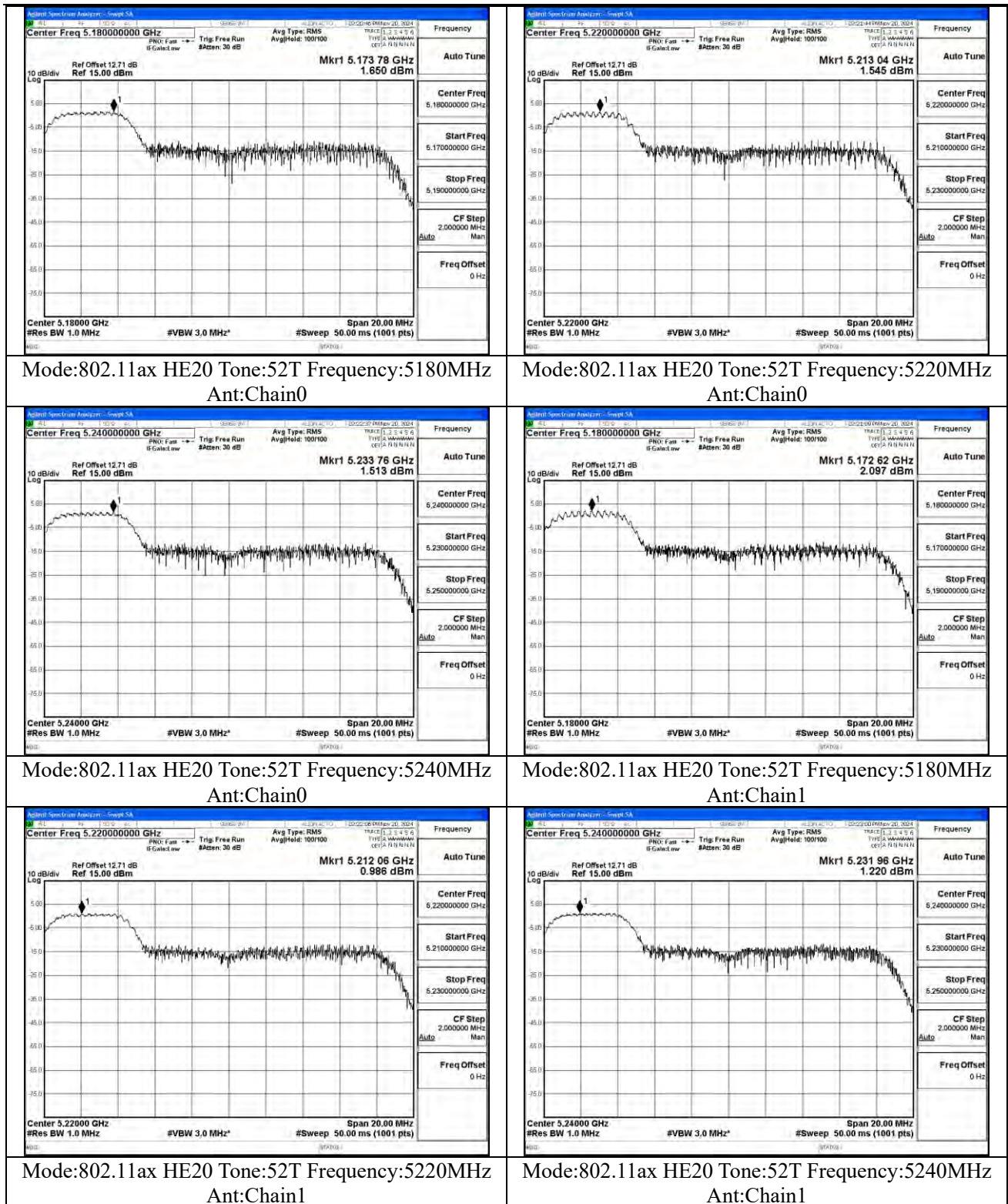


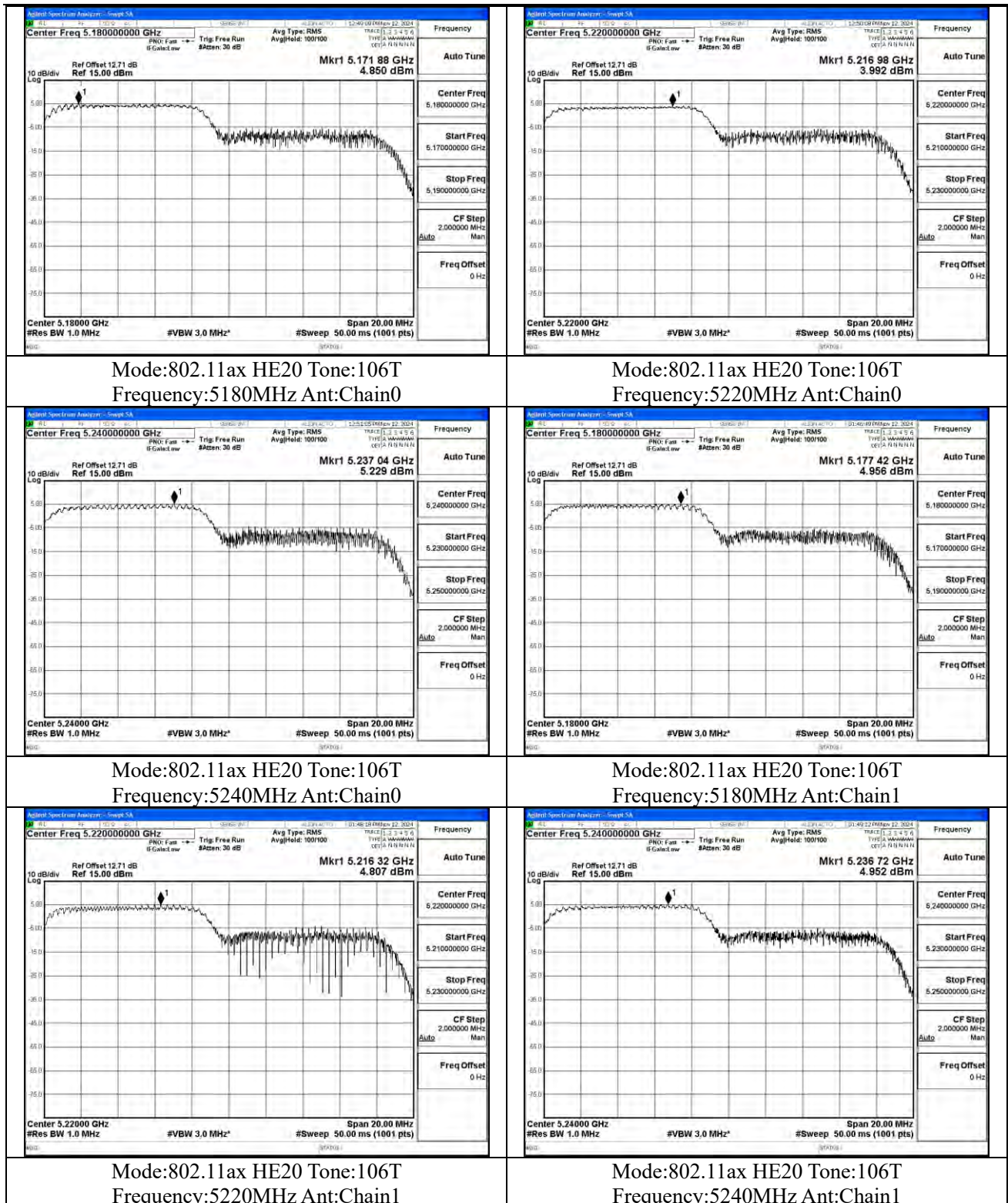
Test Mode: 802.11ac VHT20

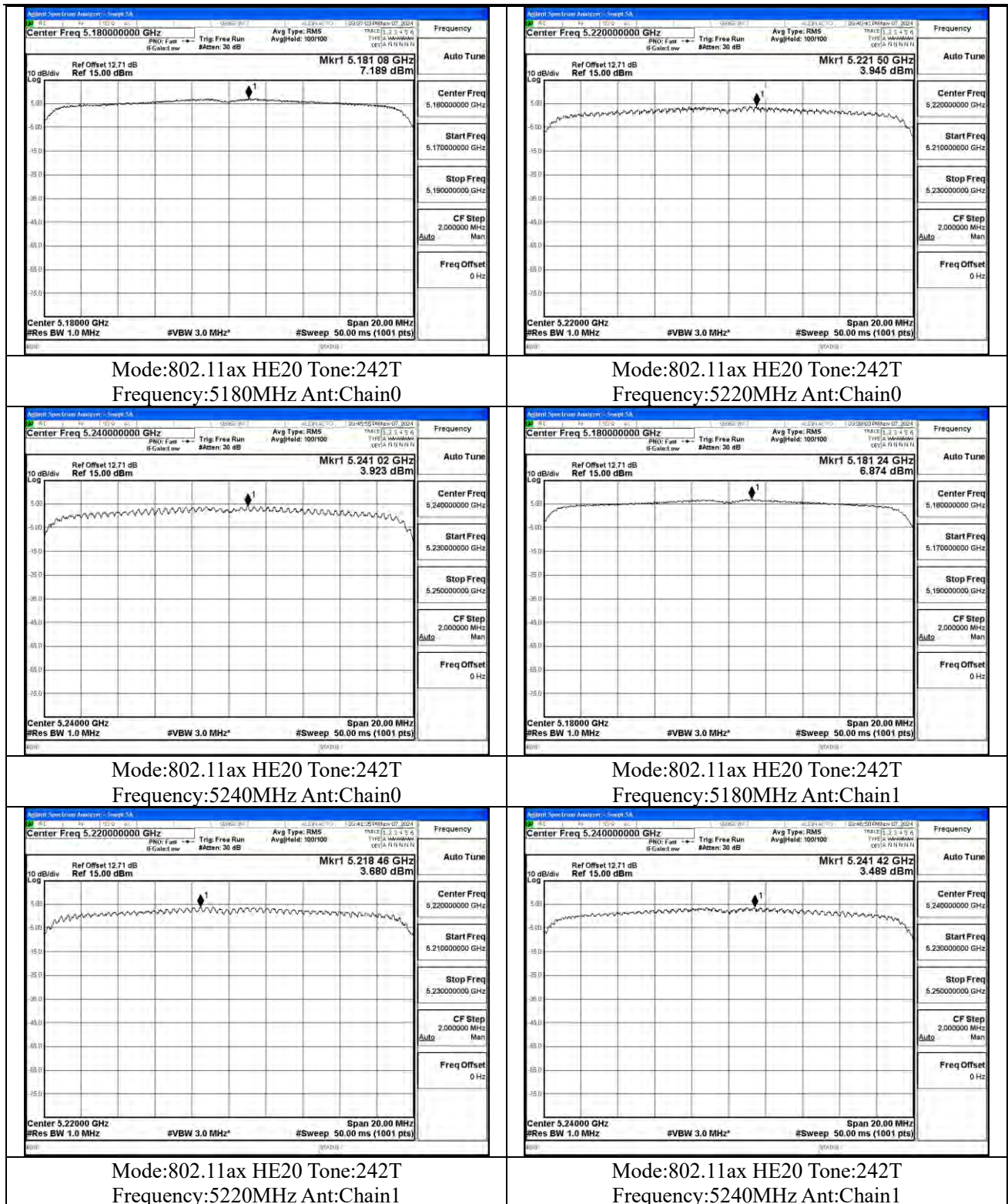


Test Mode: 802.11ax HE20

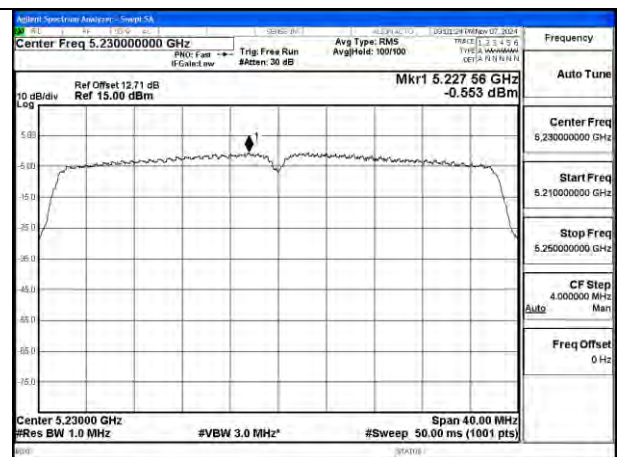
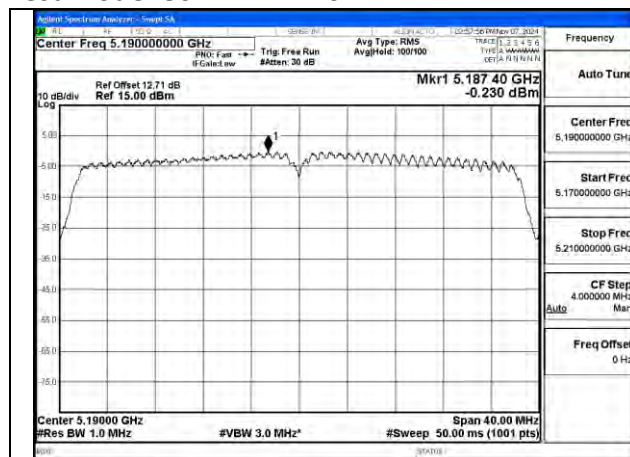






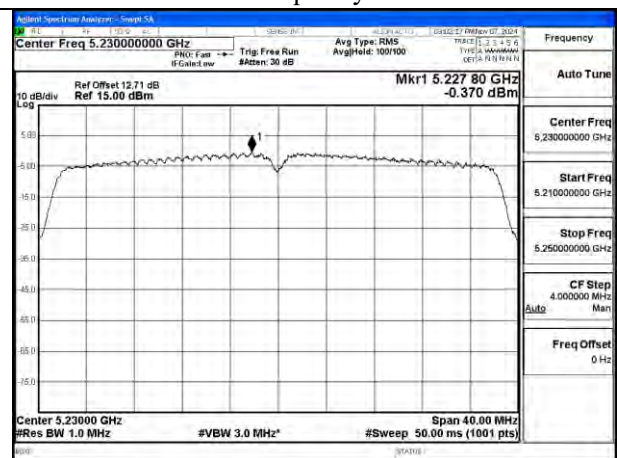
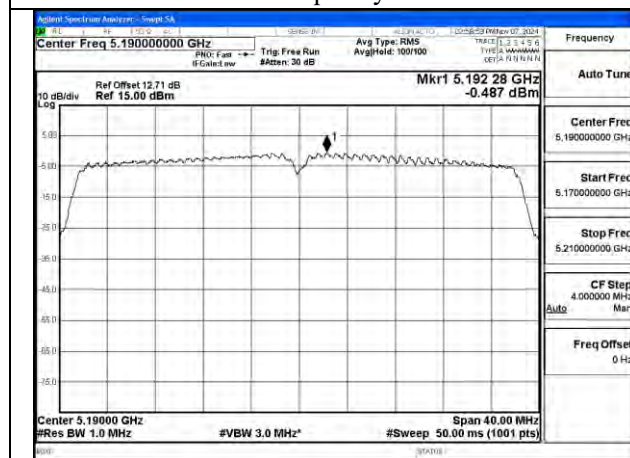


Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5190MHz Ant:Chain0

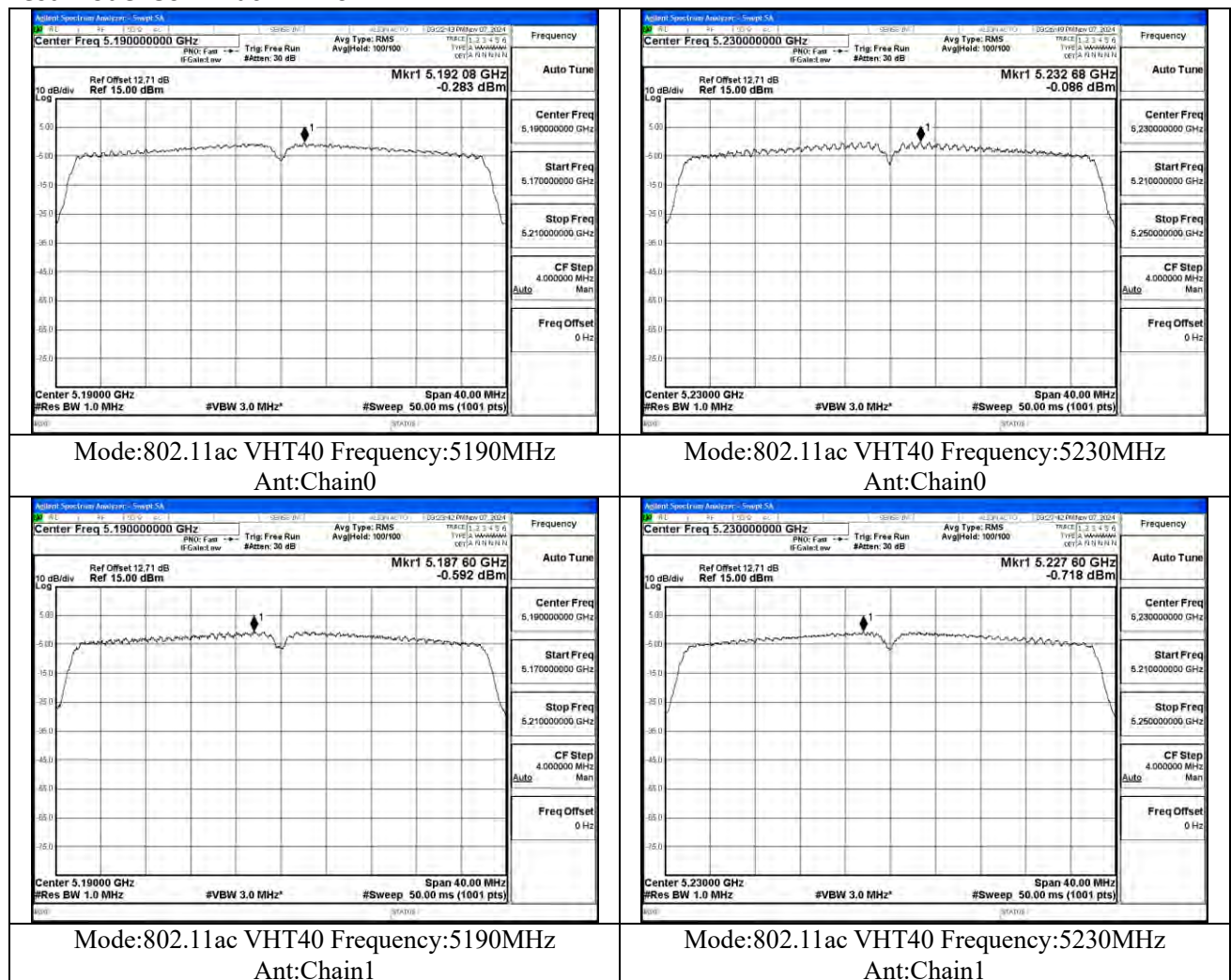
Mode:802.11n HT40 Frequency:5230MHz Ant:Chain0



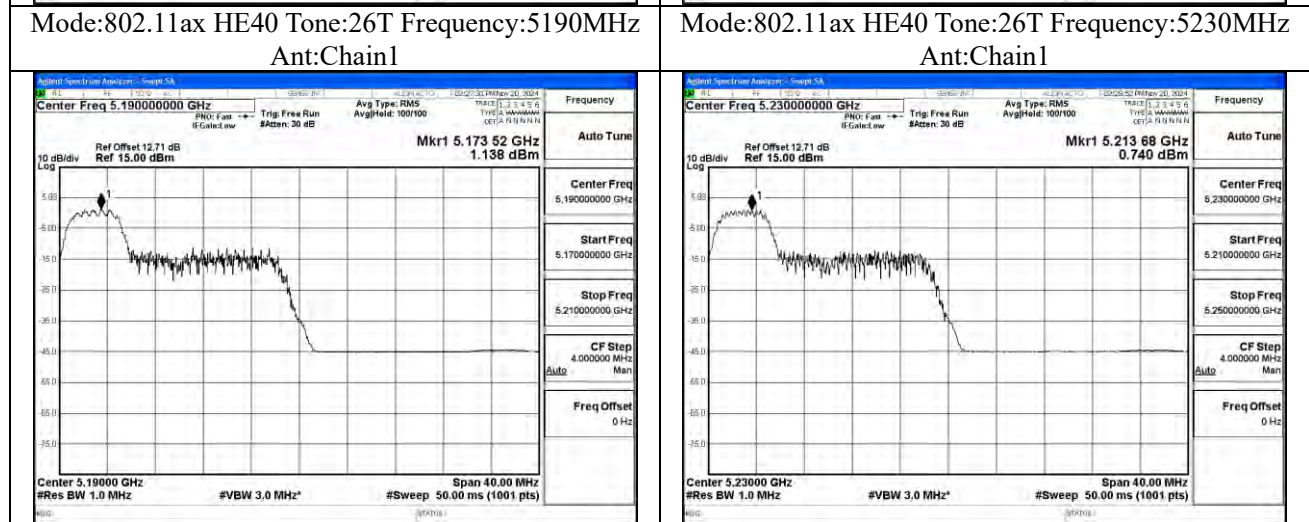
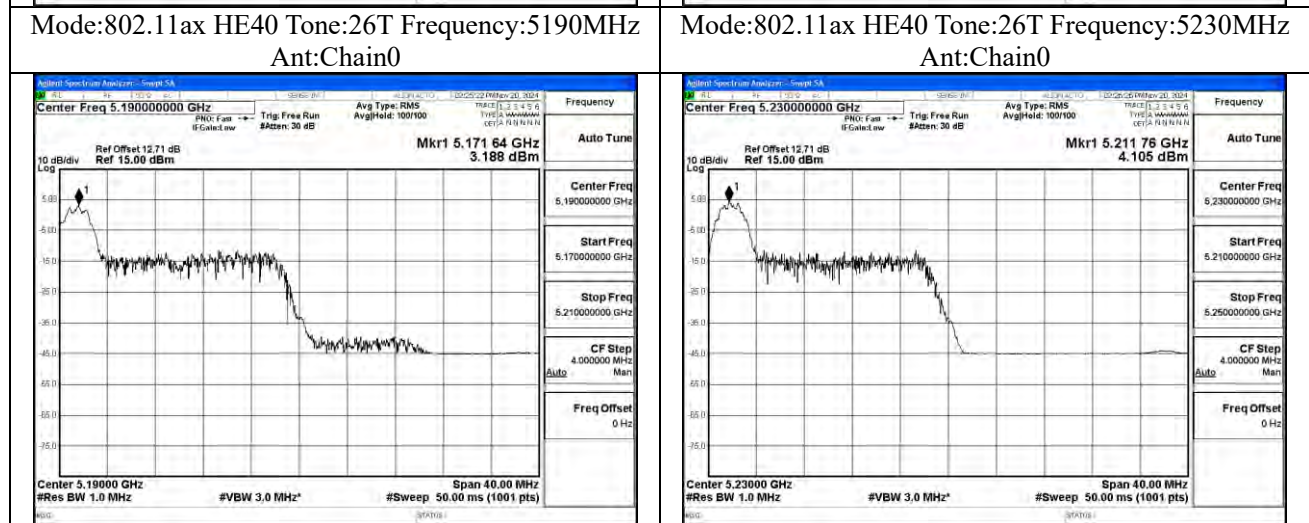
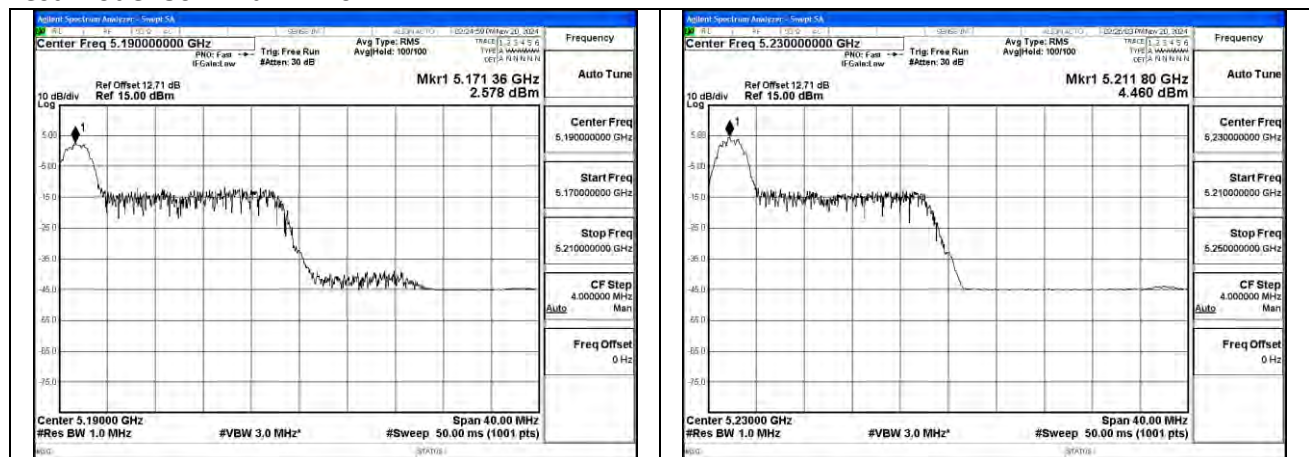
Mode:802.11n HT40 Frequency:5190MHz Ant:Chain1

Mode:802.11n HT40 Frequency:5230MHz Ant:Chain1

Test Mode: 802.11ac VHT40

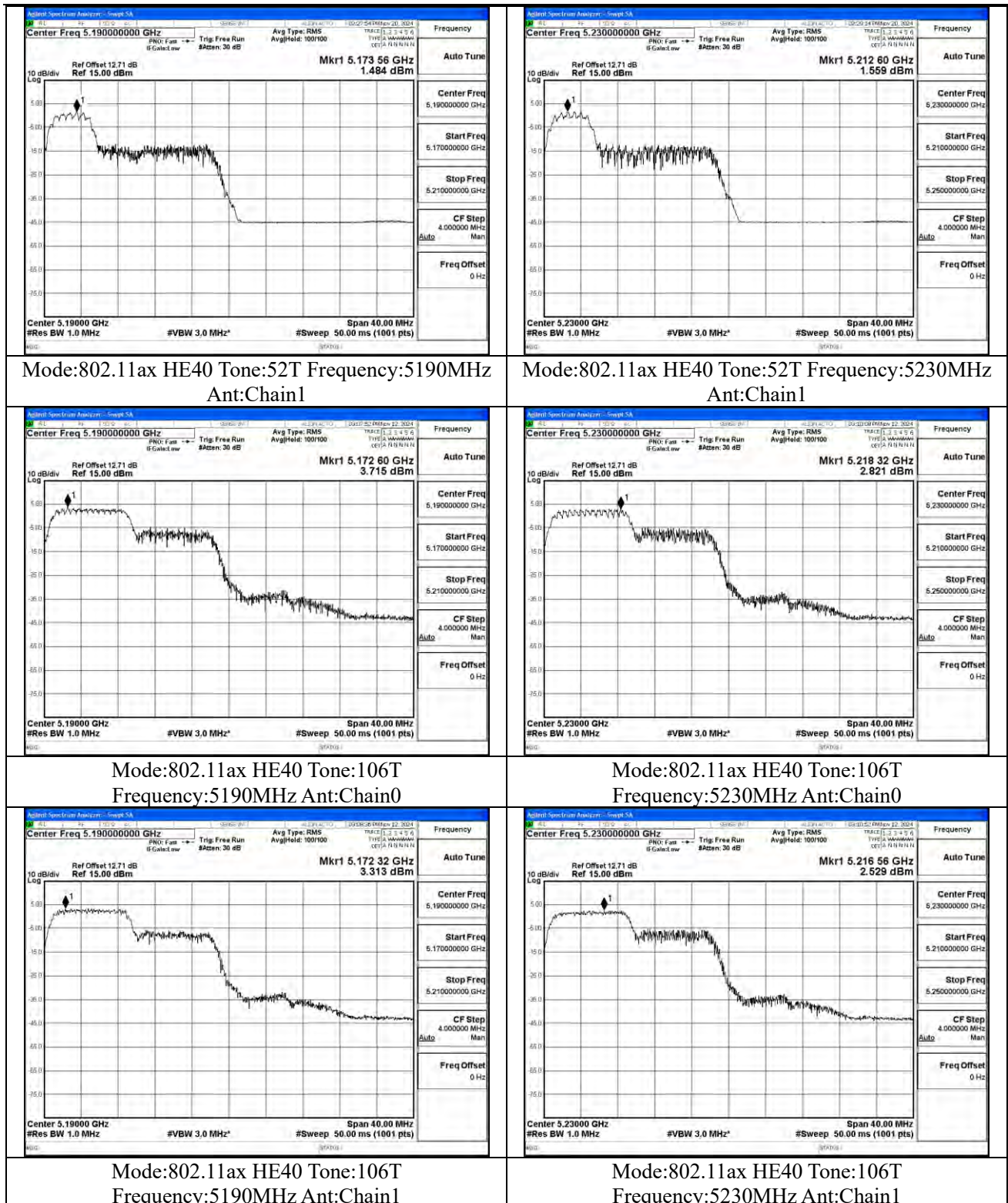


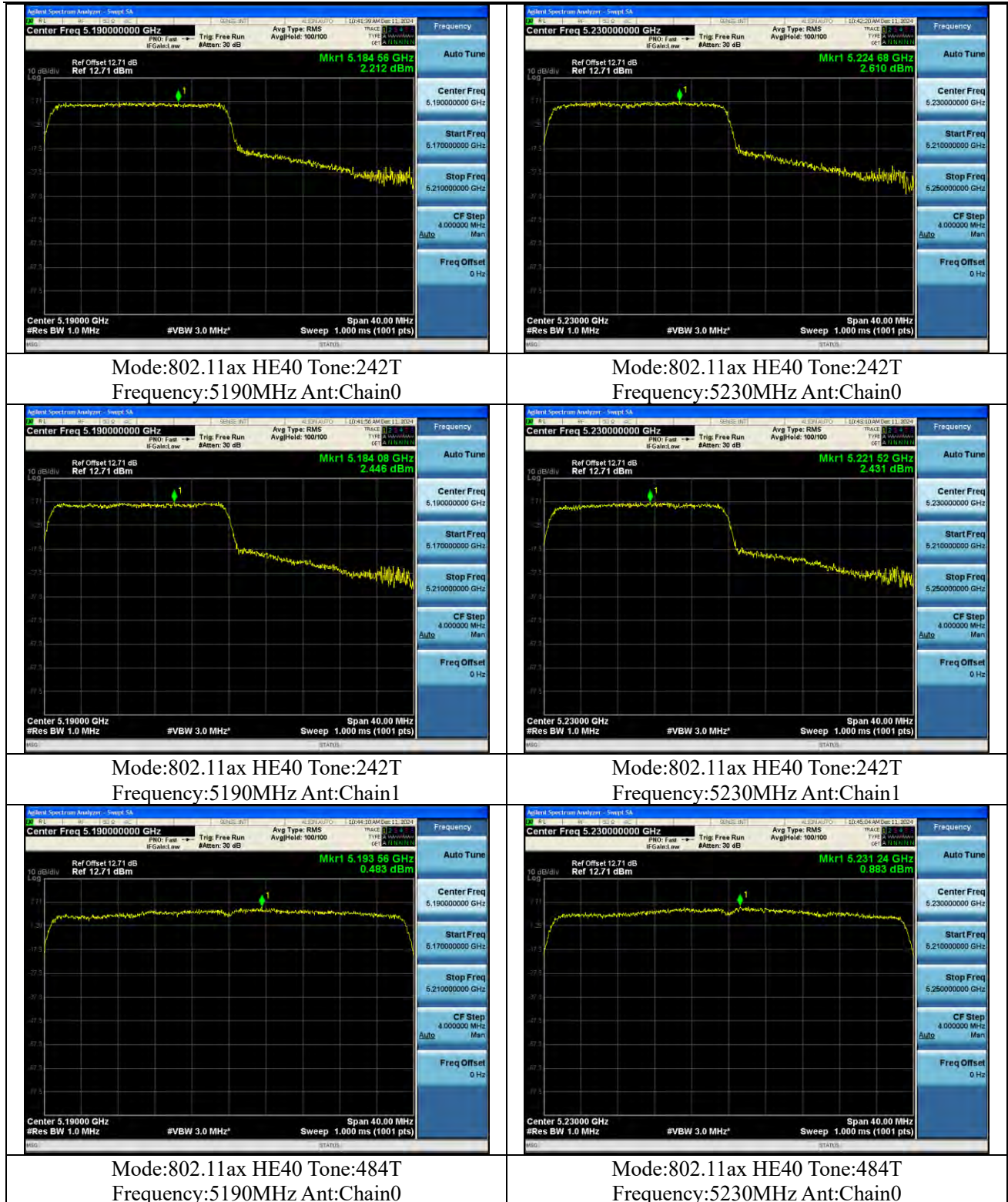
Test Mode: 802.11ax HE40

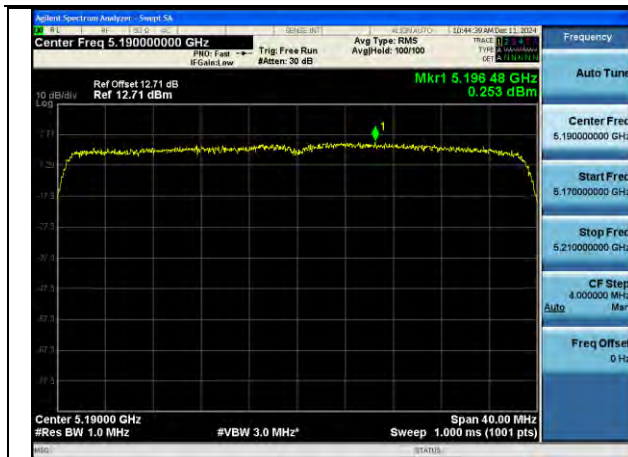


Mode:802.11ax HE40 Tone:52T Frequency:5190MHz
Ant:Chain0

Mode:802.11ax HE40 Tone:52T Frequency:5230MHz
Ant:Chain0





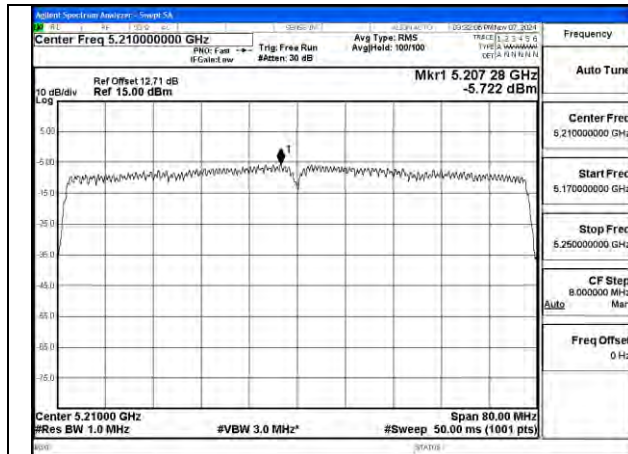


Mode:802.11ax HE40 Tone:484T
Frequency:5190MHz Ant:Chain1

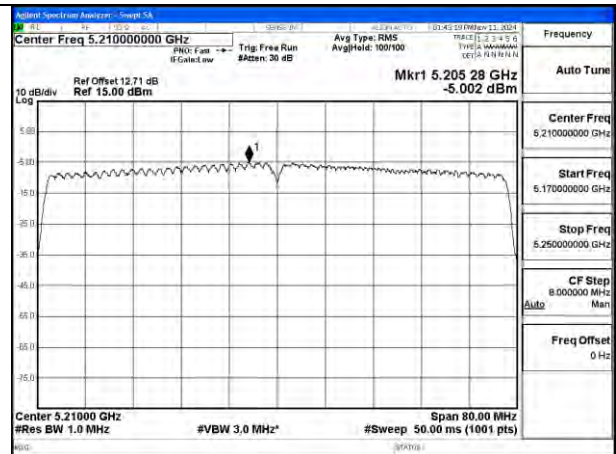


Mode:802.11ax HE40 Tone:484T
Frequency:5230MHz Ant:Chain1

Test Mode: 802.11ac VHT80

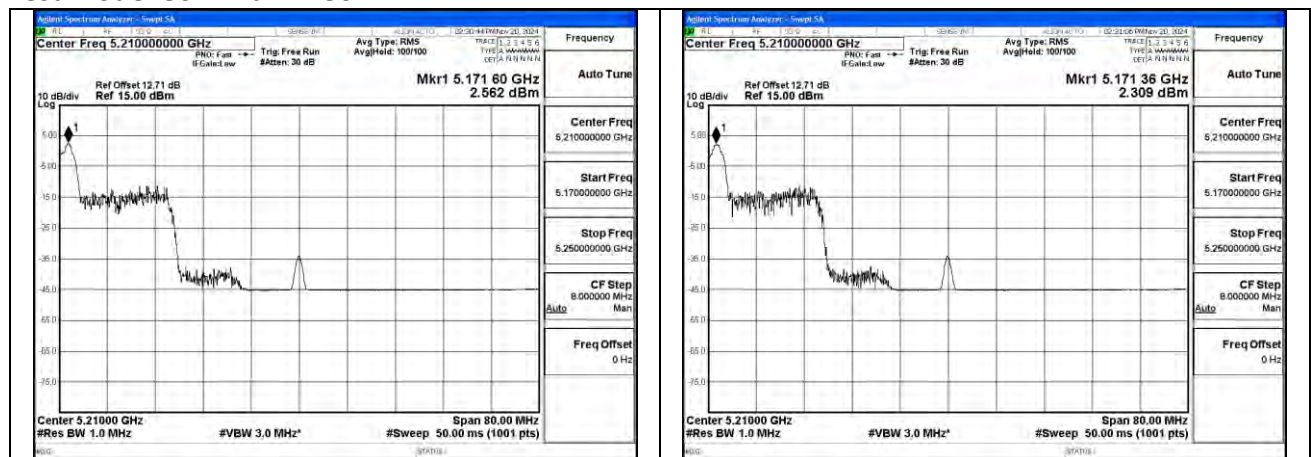


Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain0



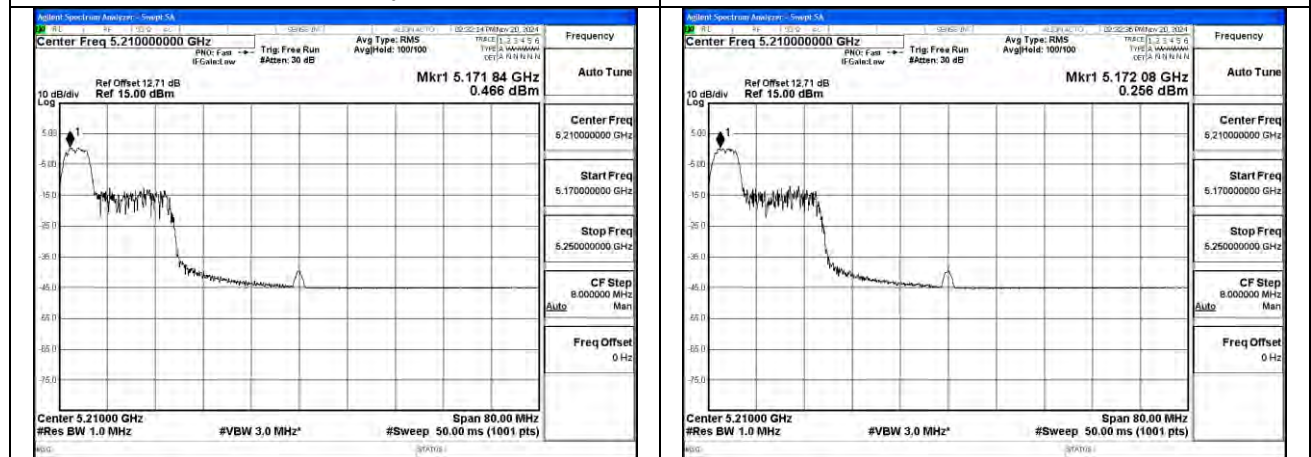
Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain1

Test Mode: 802.11ax HE80



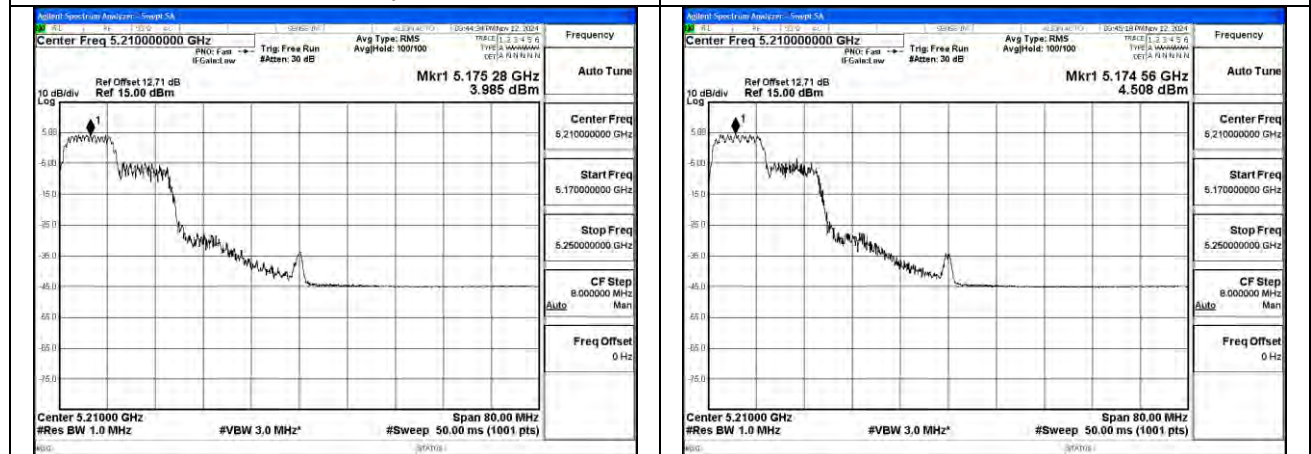
Mode:802.11ax HE80 Tone:26T Frequency:5210MHz
Ant:Chain0

Mode:802.11ax HE80 Tone:26T Frequency:5210MHz
Ant:Chain1



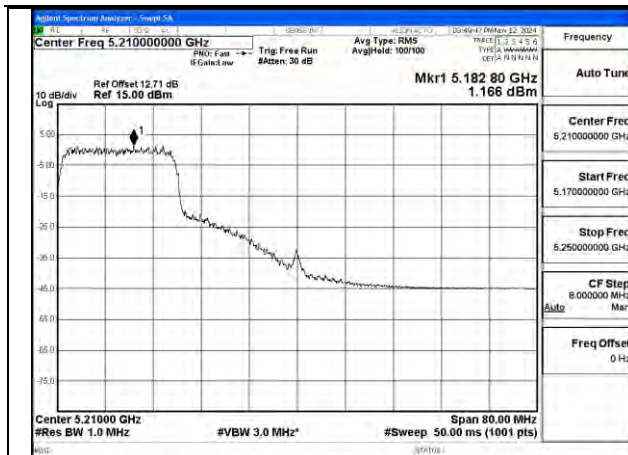
Mode:802.11ax HE80 Tone:52T Frequency:5210MHz
Ant:Chain0

Mode:802.11ax HE80 Tone:52T Frequency:5210MHz
Ant:Chain1

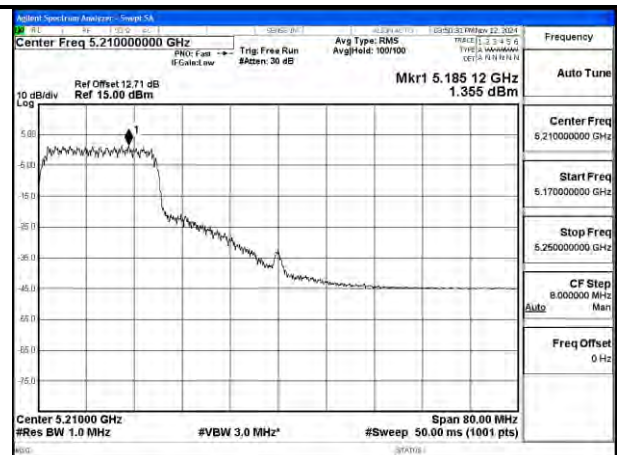


Mode:802.11ax HE80 Tone:106T
Frequency:5210MHz Ant:Chain0

Mode:802.11ax HE80 Tone:106T
Frequency:5210MHz Ant:Chain1



Mode:802.11ax HE80 Tone:242T
Frequency:5210MHz Ant:Chain0



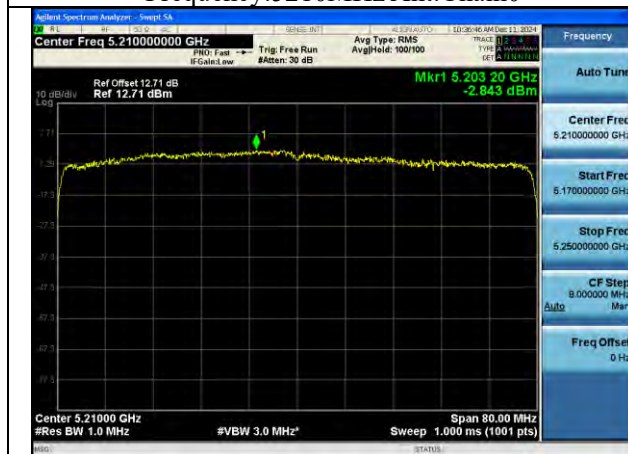
Mode:802.11ax HE80 Tone:242T
Frequency:5210MHz Ant:Chain1



Mode:802.11ax HE80 Tone:484T
Frequency:5210MHz Ant:Chain0



Mode:802.11ax HE80 Tone:484T
Frequency:5210MHz Ant:Chain1



Mode:802.11ax HE80 Tone:996T
Frequency:5210MHz Ant:Chain0



Mode:802.11ax HE80 Tone:996T
Frequency:5210MHz Ant:Chain1