



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF08

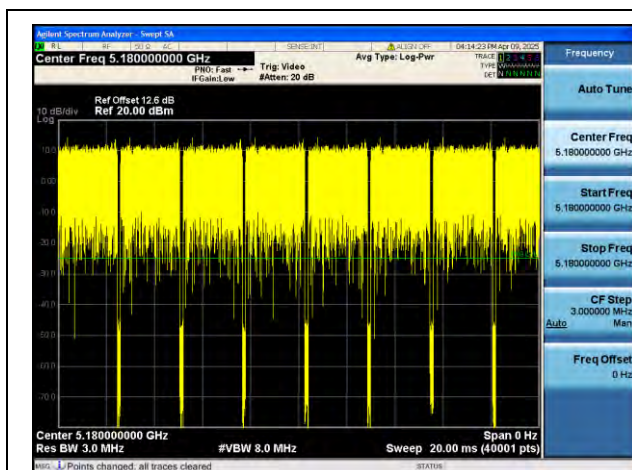


Fig.7

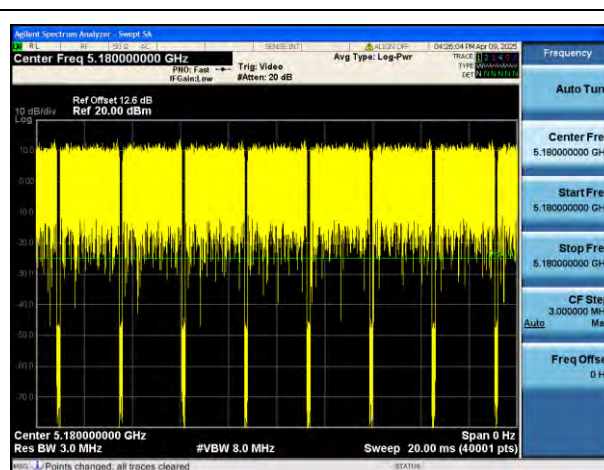


Fig.8

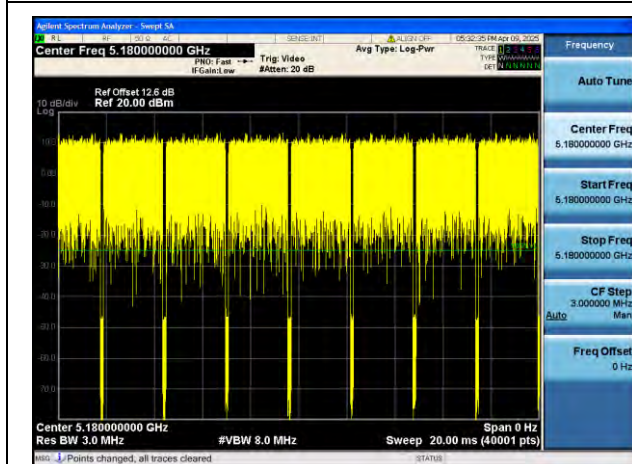


Fig.9

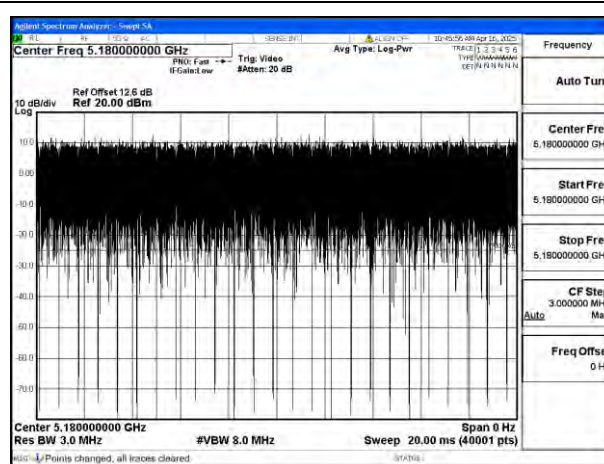


Fig.10

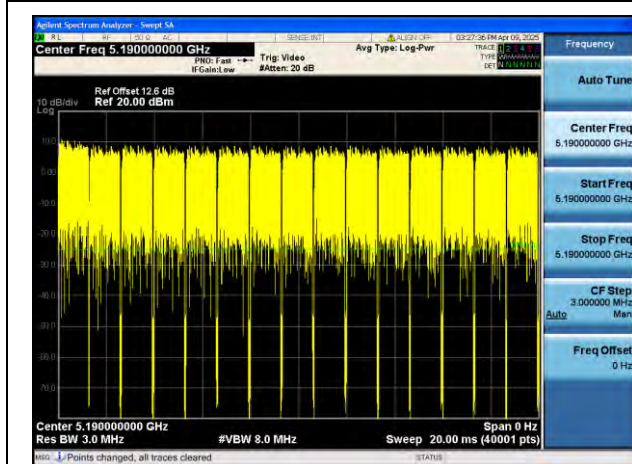


Fig.11

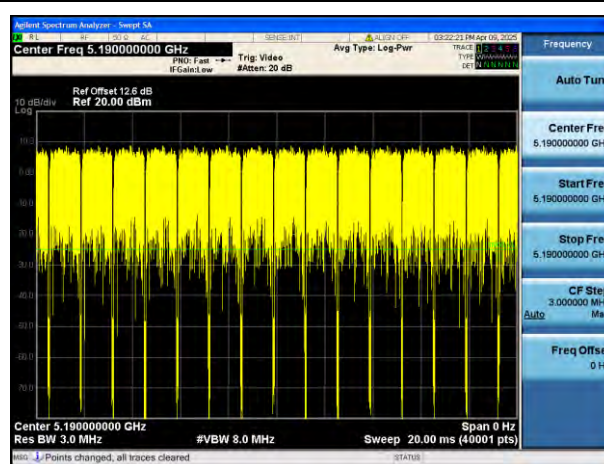


Fig.12

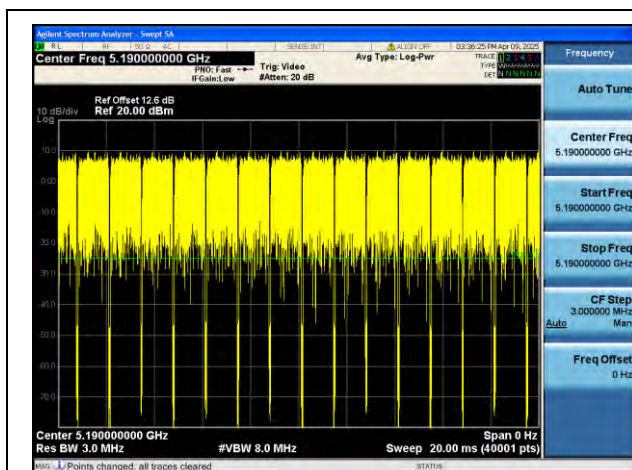


Fig.13

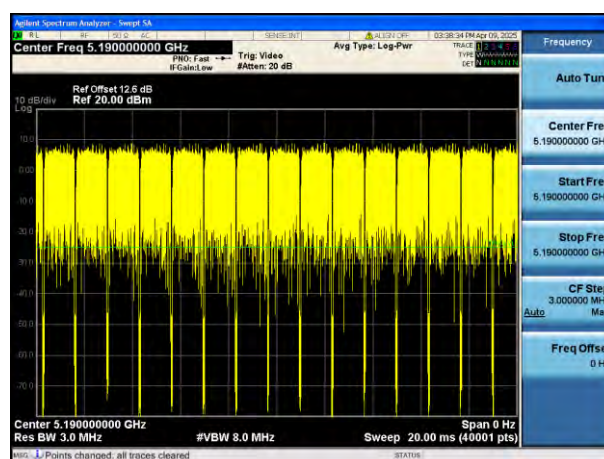


Fig.14

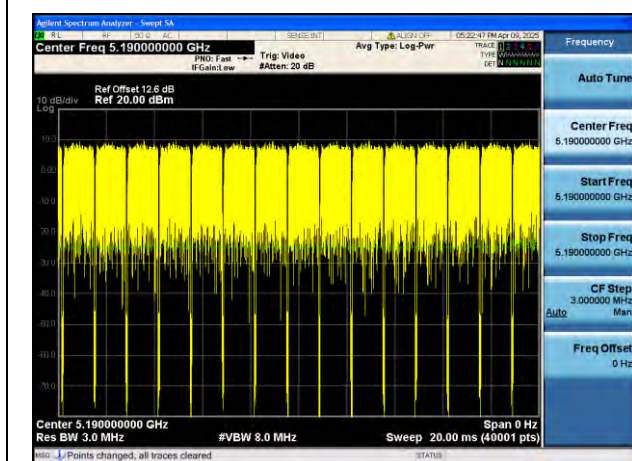


Fig.15

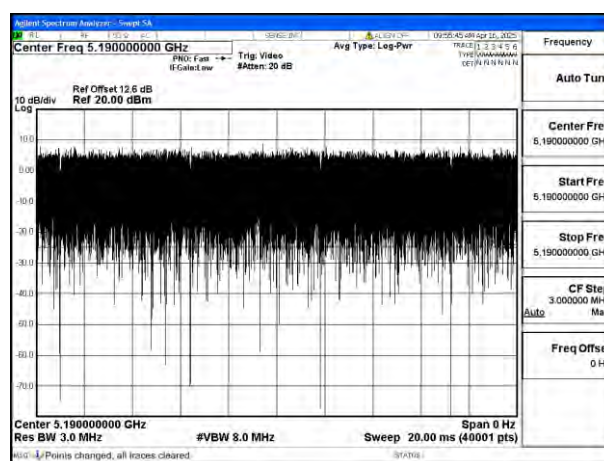


Fig.16

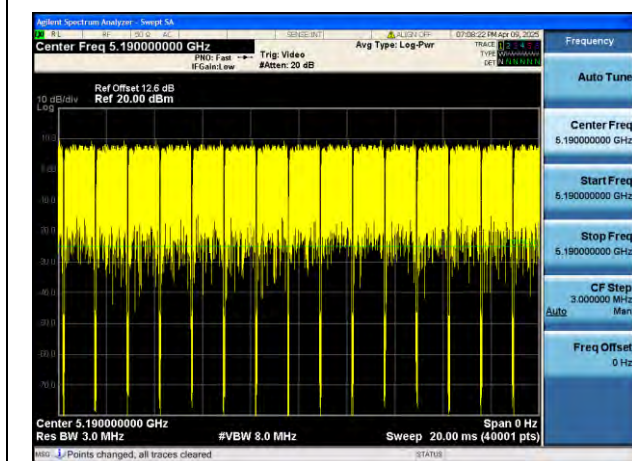


Fig.17

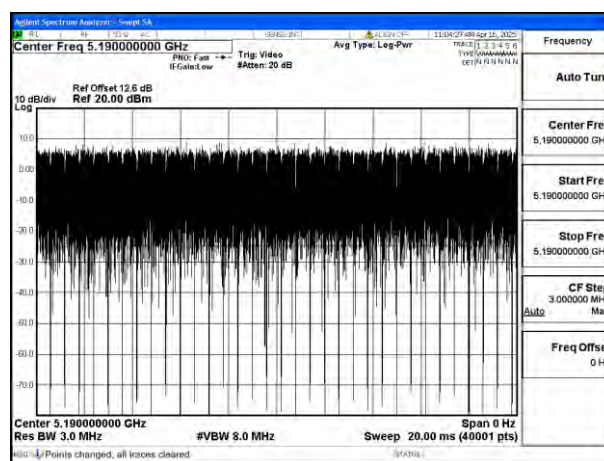


Fig.18



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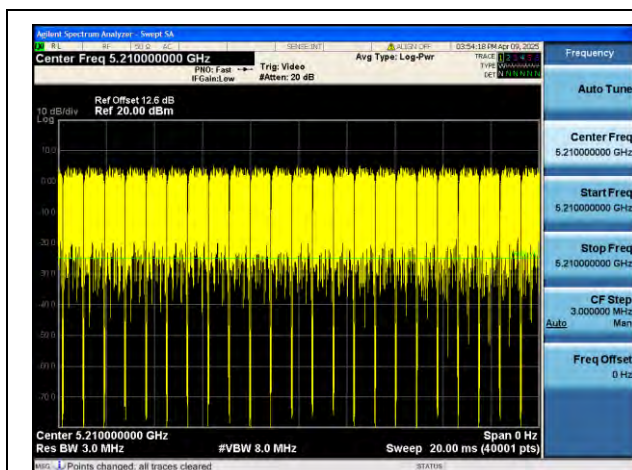


Fig.19

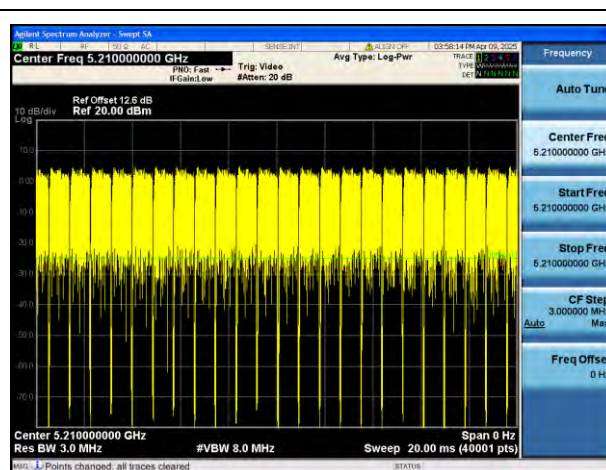


Fig.20

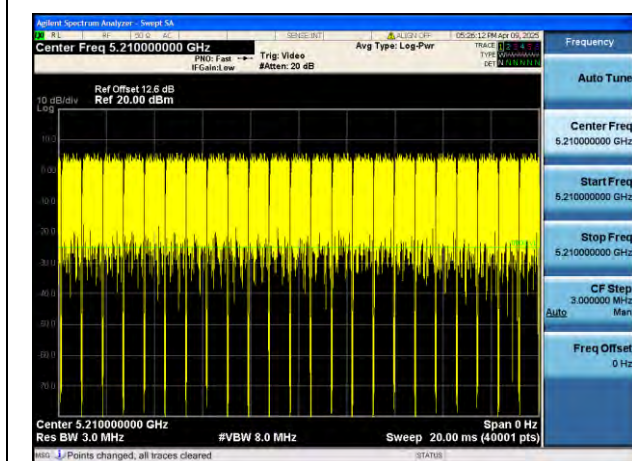


Fig.21

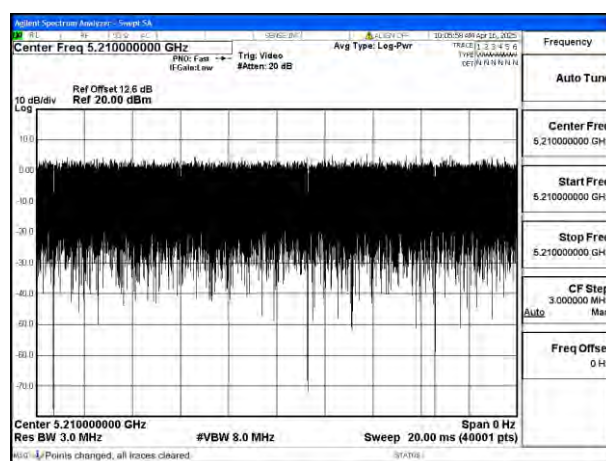


Fig.22

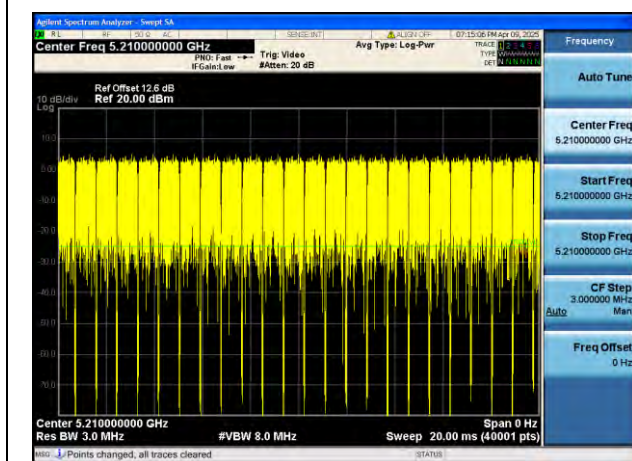


Fig.23

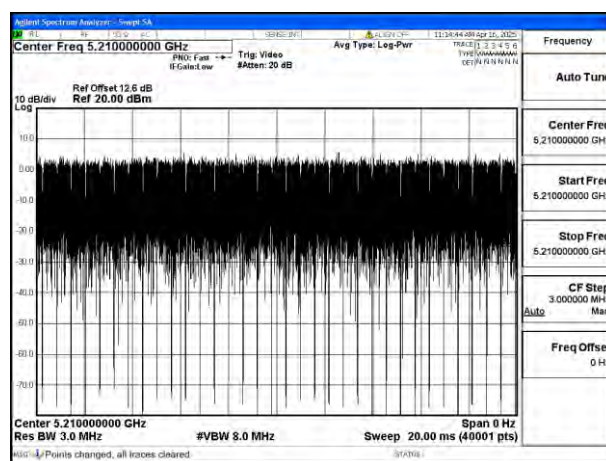


Fig.24



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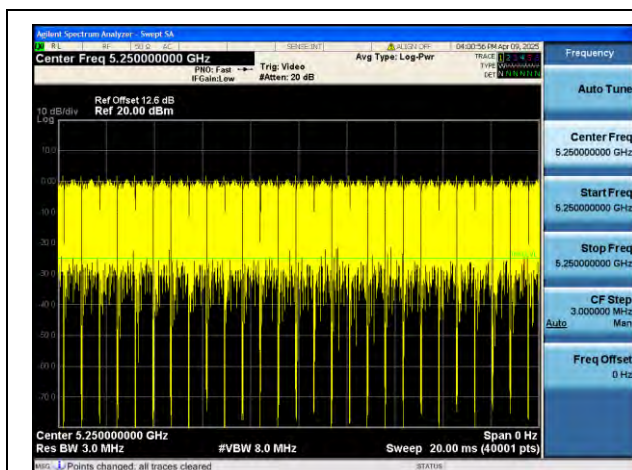


Fig.25

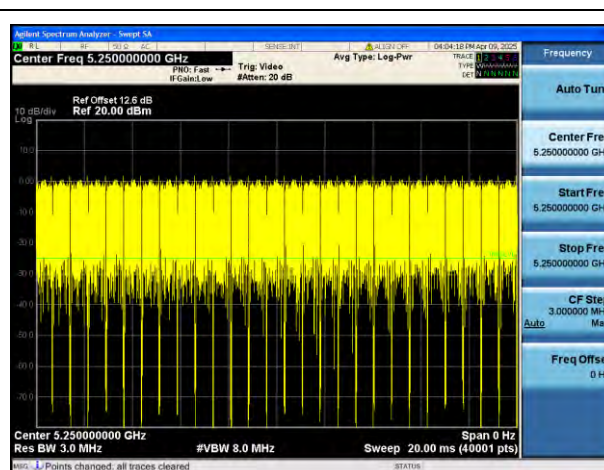


Fig.26

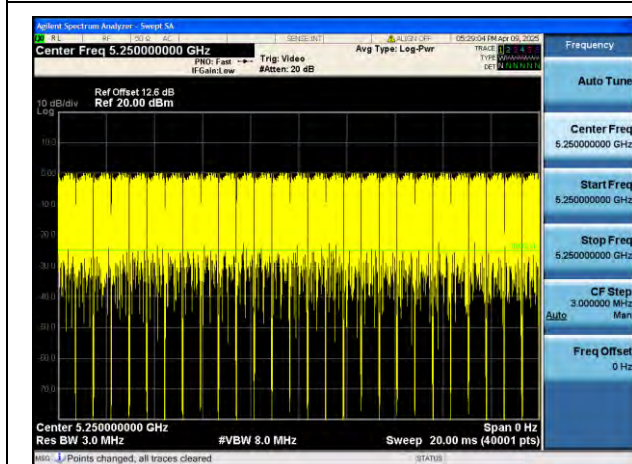


Fig.27

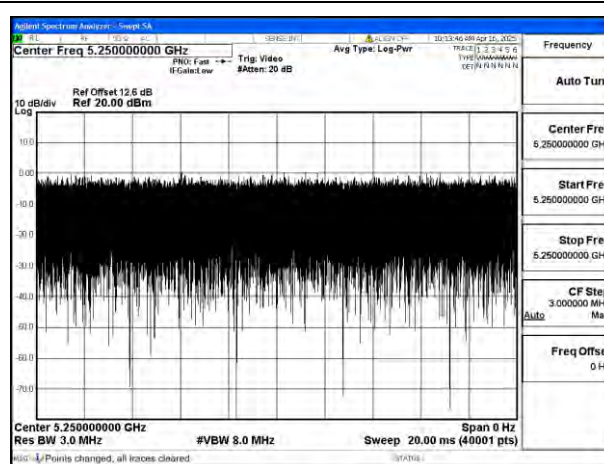


Fig.28

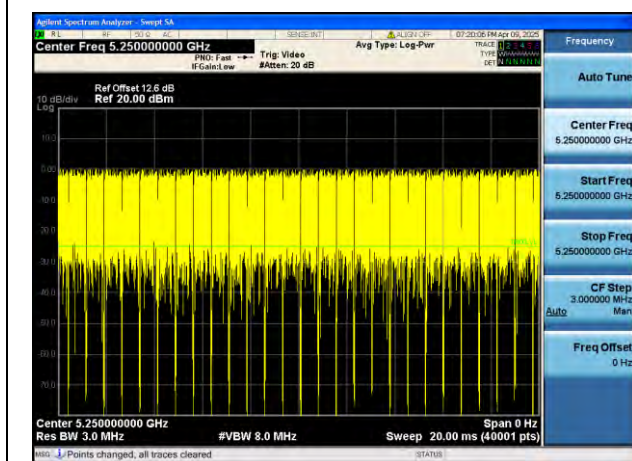


Fig.29

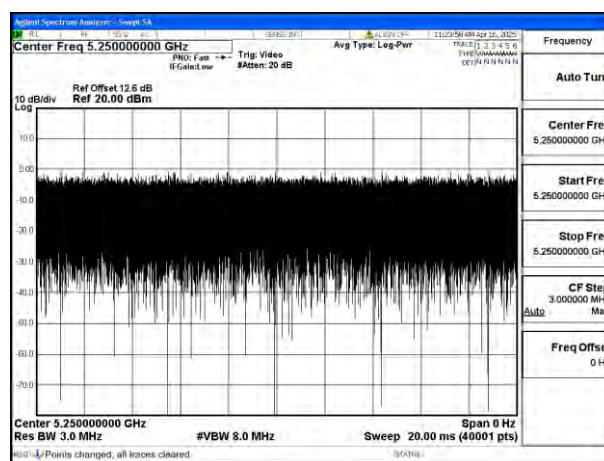


Fig.30



Output Power

Mode	Tones/ RUIndex	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5180	Ant8	11.22	10.62
802.11a	NA	5180	Ant4	10.23	7.33
802.11a	NA	5220	Ant8	11.95	11.35
802.11a	NA	5220	Ant4	10.88	7.98
802.11a	NA	5240	Ant8	11.96	11.36
802.11a	NA	5240	Ant4	10.01	7.11
802.11n HT20	NA	5180	Ant8	11.21	10.61
802.11n HT20	NA	5180	Ant4	11.24	8.34
802.11n HT20	NA	5180	MIMO	14.24	12.64
802.11n HT20	NA	5220	Ant8	10.94	10.34
802.11n HT20	NA	5220	Ant4	11.01	8.11
802.11n HT20	NA	5220	MIMO	13.99	12.39
802.11n HT20	NA	5240	Ant8	11.04	10.44
802.11n HT20	NA	5240	Ant4	10.06	7.16
802.11n HT20	NA	5240	MIMO	13.59	11.99
802.11ac VHT20	NA	5180	Ant8	11.28	10.68
802.11ac VHT20	NA	5180	Ant4	10.28	7.38
802.11ac VHT20	NA	5180	MIMO	13.82	12.22
802.11ac VHT20	NA	5220	Ant8	11.03	10.43
802.11ac VHT20	NA	5220	Ant4	10.04	7.14
802.11ac VHT20	NA	5220	MIMO	13.57	11.97
802.11ac VHT20	NA	5240	Ant8	11.10	10.50
802.11ac VHT20	NA	5240	Ant4	10.13	7.23
802.11ac VHT20	NA	5240	MIMO	13.65	12.05
802.11n HT40	NA	5190	Ant8	11.04	10.44
802.11n HT40	NA	5190	Ant4	10.03	7.13
802.11n HT40	NA	5190	MIMO	13.57	11.97
802.11n HT40	NA	5230	Ant8	10.99	10.39
802.11n HT40	NA	5230	Ant4	10.05	7.15



802.11n HT40	NA	5230	MIMO	13.56	11.96
802.11ac VHT40	NA	5190	Ant8	11.00	10.40
802.11ac VHT40	NA	5190	Ant4	10.08	7.18
802.11ac VHT40	NA	5190	MIMO	13.57	11.97
802.11ac VHT40	NA	5230	Ant8	11.10	10.50
802.11ac VHT40	NA	5230	Ant4	10.08	7.18
802.11ac VHT40	NA	5230	MIMO	13.63	12.03
802.11ac VHT80	NA	5210	Ant8	11.02	10.42
802.11ac VHT80	NA	5210	Ant4	11.01	8.11
802.11ac VHT80	NA	5210	MIMO	14.03	12.43
802.11ac VHT160	NA	5250	Ant8	10.89	10.29
802.11ac VHT160	NA	5250	Ant4	10.86	7.96
802.11ac VHT160	NA	5250	MIMO	13.89	12.29

Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
802.11ax HE20	26T 0	5180	Ant8	2.46	1.86
802.11ax HE20	26T 0	5180	Ant4	1.34	-1.56
802.11ax HE20	26T 0	5180	MIMO	4.95	3.35
802.11ax HE20	26T 0	5220	Ant8	1.89	1.29
802.11ax HE20	26T 0	5220	Ant4	1.92	-0.98
802.11ax HE20	26T 0	5220	MIMO	4.92	3.32
802.11ax HE20	26T 0	5240	Ant8	2.92	2.32
802.11ax HE20	26T 0	5240	Ant4	1.87	-1.03
802.11ax HE20	26T 0	5240	MIMO	5.44	3.84
802.11ax HE20	26T 4	5180	Ant8	2.45	1.85
802.11ax HE20	26T 4	5180	Ant4	1.37	-1.53
802.11ax HE20	26T 4	5180	MIMO	4.95	3.35
802.11ax HE20	26T 4	5220	Ant8	1.97	1.37
802.11ax HE20	26T 4	5220	Ant4	1.90	-1.00
802.11ax HE20	26T 4	5220	MIMO	4.95	3.35
802.11ax HE20	26T 4	5240	Ant8	2.92	2.32
802.11ax HE20	26T 4	5240	Ant4	1.89	-1.01



802.11ax HE20	26T 4	5240	MIMO	5.45	3.85
802.11ax HE20	26T 8	5180	Ant8	2.42	1.82
802.11ax HE20	26T 8	5180	Ant4	1.36	-1.54
802.11ax HE20	26T 8	5180	MIMO	4.93	3.33
802.11ax HE20	26T 8	5220	Ant8	1.97	1.37
802.11ax HE20	26T 8	5220	Ant4	1.90	-1.00
802.11ax HE20	26T 8	5220	MIMO	4.95	3.35
802.11ax HE20	26T 8	5240	Ant8	2.96	2.36
802.11ax HE20	26T 8	5240	Ant4	1.85	-1.05
802.11ax HE20	26T 8	5240	MIMO	5.45	3.85
802.11ax HE20	52T 37	5180	Ant8	5.39	4.79
802.11ax HE20	52T 37	5180	Ant4	4.74	1.84
802.11ax HE20	52T 37	5180	MIMO	8.09	6.49
802.11ax HE20	52T 37	5220	Ant8	5.14	4.54
802.11ax HE20	52T 37	5220	Ant4	5.12	2.22
802.11ax HE20	52T 37	5220	MIMO	8.14	6.54
802.11ax HE20	52T 37	5240	Ant8	5.28	4.68
802.11ax HE20	52T 37	5240	Ant4	4.77	1.87
802.11ax HE20	52T 37	5240	MIMO	8.04	6.44
802.11ax HE20	52T 39	5180	Ant8	5.36	4.76
802.11ax HE20	52T 39	5180	Ant4	4.75	1.85
802.11ax HE20	52T 39	5180	MIMO	8.08	6.48
802.11ax HE20	52T 39	5220	Ant8	5.13	4.53
802.11ax HE20	52T 39	5220	Ant4	5.11	2.21
802.11ax HE20	52T 39	5220	MIMO	8.13	6.53
802.11ax HE20	52T 39	5240	Ant8	5.28	4.68
802.11ax HE20	52T 39	5240	Ant4	4.79	1.89
802.11ax HE20	52T 39	5240	MIMO	8.05	6.45
802.11ax HE20	52T 40	5180	Ant8	5.36	4.76
802.11ax HE20	52T 40	5180	Ant4	4.66	1.76
802.11ax HE20	52T 40	5180	MIMO	8.03	6.43
802.11ax HE20	52T 40	5220	Ant8	5.12	4.52
802.11ax HE20	52T 40	5220	Ant4	5.12	2.22
802.11ax HE20	52T 40	5220	MIMO	8.13	6.53
802.11ax HE20	52T 40	5240	Ant8	5.25	4.65



802.11ax HE20	52T 40	5240	Ant4	4.78	1.88
802.11ax HE20	52T 40	5240	MIMO	8.03	6.43
802.11ax HE20	106T 53	5180	Ant8	7.40	6.80
802.11ax HE20	106T 53	5180	Ant4	6.87	3.97
802.11ax HE20	106T 53	5180	MIMO	10.15	8.55
802.11ax HE20	106T 53	5220	Ant8	6.95	6.35
802.11ax HE20	106T 53	5220	Ant4	6.95	4.05
802.11ax HE20	106T 53	5220	MIMO	9.96	8.36
802.11ax HE20	106T 53	5240	Ant8	7.67	7.07
802.11ax HE20	106T 53	5240	Ant4	7.21	4.31
802.11ax HE20	106T 53	5240	MIMO	10.46	8.86
802.11ax HE20	106T 54	5180	Ant8	7.44	6.84
802.11ax HE20	106T 54	5180	Ant4	6.84	3.94
802.11ax HE20	106T 54	5180	MIMO	10.16	8.56
802.11ax HE20	106T 54	5220	Ant8	6.98	6.38
802.11ax HE20	106T 54	5220	Ant4	6.96	4.06
802.11ax HE20	106T 54	5220	MIMO	9.98	8.38
802.11ax HE20	106T 54	5240	Ant8	7.64	7.04
802.11ax HE20	106T 54	5240	Ant4	7.19	4.29
802.11ax HE20	106T 54	5240	MIMO	10.43	8.83
802.11ax HE20	242T 61	5180	Ant8	11.28	10.68
802.11ax HE20	242T 61	5180	Ant4	11.26	8.36
802.11ax HE20	242T 61	5180	MIMO	14.28	12.68
802.11ax HE20	242T 61	5220	Ant8	10.96	10.36
802.11ax HE20	242T 61	5220	Ant4	11.00	8.10
802.11ax HE20	242T 61	5220	MIMO	13.99	12.39
802.11ax HE20	242T 61	5240	Ant8	11.07	10.47
802.11ax HE20	242T 61	5240	Ant4	11.10	8.20
802.11ax HE20	242T 61	5240	MIMO	14.10	12.50
802.11be EHT20	26T 0	5180	Ant8	2.17	1.57
802.11be EHT20	26T 0	5180	Ant4	2.12	-0.78
802.11be EHT20	26T 0	5180	MIMO	5.16	3.56
802.11be EHT20	26T 0	5220	Ant8	1.53	0.93
802.11be EHT20	26T 0	5220	Ant4	1.56	-1.34
802.11be EHT20	26T 0	5220	MIMO	4.56	2.96



802.11be EHT20	26T 0	5240	Ant8	2.51	1.91
802.11be EHT20	26T 0	5240	Ant4	2.50	-0.40
802.11be EHT20	26T 0	5240	MIMO	5.52	3.92
802.11be EHT20	26T 4	5180	Ant8	2.18	1.58
802.11be EHT20	26T 4	5180	Ant4	2.09	-0.81
802.11be EHT20	26T 4	5180	MIMO	5.15	3.55
802.11be EHT20	26T 4	5220	Ant8	1.57	0.97
802.11be EHT20	26T 4	5220	Ant4	1.58	-1.32
802.11be EHT20	26T 4	5220	MIMO	4.59	2.99
802.11be EHT20	26T 4	5240	Ant8	2.51	1.91
802.11be EHT20	26T 4	5240	Ant4	2.51	-0.39
802.11be EHT20	26T 4	5240	MIMO	5.52	3.92
802.11be EHT20	26T 8	5180	Ant8	2.19	1.59
802.11be EHT20	26T 8	5180	Ant4	2.08	-0.82
802.11be EHT20	26T 8	5180	MIMO	5.15	3.55
802.11be EHT20	26T 8	5220	Ant8	1.56	0.96
802.11be EHT20	26T 8	5220	Ant4	1.58	-1.32
802.11be EHT20	26T 8	5220	MIMO	4.58	2.98
802.11be EHT20	26T 8	5240	Ant8	2.48	1.88
802.11be EHT20	26T 8	5240	Ant4	2.50	-0.40
802.11be EHT20	26T 8	5240	MIMO	5.50	3.90
802.11be EHT20	52T 37	5180	Ant8	4.96	4.36
802.11be EHT20	52T 37	5180	Ant4	4.33	1.43
802.11be EHT20	52T 37	5180	MIMO	7.67	6.07
802.11be EHT20	52T 37	5220	Ant8	4.59	3.99
802.11be EHT20	52T 37	5220	Ant4	4.49	1.59
802.11be EHT20	52T 37	5220	MIMO	7.55	5.95
802.11be EHT20	52T 37	5240	Ant8	5.44	4.84
802.11be EHT20	52T 37	5240	Ant4	4.71	1.81
802.11be EHT20	52T 37	5240	MIMO	8.10	6.50
802.11be EHT20	52T 39	5180	Ant8	4.95	4.35
802.11be EHT20	52T 39	5180	Ant4	4.32	1.42
802.11be EHT20	52T 39	5180	MIMO	7.66	6.06
802.11be EHT20	52T 39	5220	Ant8	4.52	3.92
802.11be EHT20	52T 39	5220	Ant4	4.53	1.63



802.11be EHT20	52T 39	5220	MIMO	7.54	5.94
802.11be EHT20	52T 39	5240	Ant8	5.49	4.89
802.11be EHT20	52T 39	5240	Ant4	4.73	1.83
802.11be EHT20	52T 39	5240	MIMO	8.14	6.54
802.11be EHT20	52T 40	5180	Ant8	4.93	4.33
802.11be EHT20	52T 40	5180	Ant4	4.28	1.38
802.11be EHT20	52T 40	5180	MIMO	7.63	6.03
802.11be EHT20	52T 40	5220	Ant8	4.52	3.92
802.11be EHT20	52T 40	5220	Ant4	4.55	1.65
802.11be EHT20	52T 40	5220	MIMO	7.55	5.95
802.11be EHT20	52T 40	5240	Ant8	5.46	4.86
802.11be EHT20	52T 40	5240	Ant4	4.78	1.88
802.11be EHT20	52T 40	5240	MIMO	8.14	6.54
802.11be EHT20	106T 53	5180	Ant8	6.92	6.32
802.11be EHT20	106T 53	5180	Ant4	6.38	3.48
802.11be EHT20	106T 53	5180	MIMO	9.67	8.07
802.11be EHT20	106T 53	5220	Ant8	6.47	5.87
802.11be EHT20	106T 53	5220	Ant4	6.46	3.56
802.11be EHT20	106T 53	5220	MIMO	9.48	7.88
802.11be EHT20	106T 53	5240	Ant8	7.22	6.62
802.11be EHT20	106T 53	5240	Ant4	6.65	3.75
802.11be EHT20	106T 53	5240	MIMO	9.95	8.35
802.11be EHT20	106T 54	5180	Ant8	6.95	6.35
802.11be EHT20	106T 54	5180	Ant4	6.37	3.47
802.11be EHT20	106T 54	5180	MIMO	9.68	8.08
802.11be EHT20	106T 54	5220	Ant8	6.46	5.86
802.11be EHT20	106T 54	5220	Ant4	6.46	3.56
802.11be EHT20	106T 54	5220	MIMO	9.47	7.87
802.11be EHT20	106T 54	5240	Ant8	7.19	6.59
802.11be EHT20	106T 54	5240	Ant4	6.70	3.80
802.11be EHT20	106T 54	5240	MIMO	9.96	8.36
802.11be EHT20	242T 61	5180	Ant8	11.15	10.55
802.11be EHT20	242T 61	5180	Ant4	11.08	8.18
802.11be EHT20	242T 61	5180	MIMO	14.13	12.53
802.11be EHT20	242T 61	5220	Ant8	10.72	10.12



802.11be EHT20	242T 61	5220	Ant4	10.69	7.79
802.11be EHT20	242T 61	5220	MIMO	13.72	12.12
802.11be EHT20	242T 61	5240	Ant8	10.81	10.21
802.11be EHT20	242T 61	5240	Ant4	10.78	7.88
802.11be EHT20	242T 61	5240	MIMO	13.81	12.21
802.11be EHT20	26+52	5180	Ant8	4.92	4.32
802.11be EHT20	26+52	5180	Ant4	4.31	1.41
802.11be EHT20	26+52	5180	MIMO	7.64	6.04
802.11be EHT20	26+52	5220	Ant8	4.50	3.90
802.11be EHT20	26+52	5220	Ant4	4.51	1.61
802.11be EHT20	26+52	5220	MIMO	7.52	5.92
802.11be EHT20	26+52	5240	Ant8	5.50	4.90
802.11be EHT20	26+52	5240	Ant4	4.71	1.81
802.11be EHT20	26+52	5240	MIMO	8.13	6.53
802.11be EHT20	26+106	5180	Ant8	6.92	6.32
802.11be EHT20	26+106	5180	Ant4	6.36	3.46
802.11be EHT20	26+106	5180	MIMO	9.66	8.06
802.11be EHT20	26+106	5220	Ant8	6.47	5.87
802.11be EHT20	26+106	5220	Ant4	6.48	3.58
802.11be EHT20	26+106	5220	MIMO	9.49	7.89
802.11be EHT20	26+106	5240	Ant8	7.21	6.61
802.11be EHT20	26+106	5240	Ant4	6.69	3.79
802.11be EHT20	26+106	5240	MIMO	9.97	8.37
802.11ax HE40	484T 65	5190	Ant8	10.95	10.35
802.11ax HE40	484T 65	5190	Ant4	10.93	8.03
802.11ax HE40	484T 65	5190	MIMO	13.95	12.35
802.11ax HE40	484T 65	5230	Ant8	10.90	10.30
802.11ax HE40	484T 65	5230	Ant4	10.89	7.99
802.11ax HE40	484T 65	5230	MIMO	13.91	12.31
802.11be EHT40	484T 65	5190	Ant8	10.42	9.82
802.11be EHT40	484T 65	5190	Ant4	10.42	7.52
802.11be EHT40	484T 65	5190	MIMO	13.43	11.83
802.11be EHT40	484T 65	5230	Ant8	10.40	9.80
802.11be EHT40	484T 65	5230	Ant4	10.50	7.60
802.11be EHT40	484T 65	5230	MIMO	13.46	11.86



802.11ax HE80	996T 67	5210	Ant8	10.87	10.27
802.11ax HE80	996T 67	5210	Ant4	10.85	7.95
802.11ax HE80	996T 67	5210	MIMO	13.87	12.27
802.11be EHT80	996T 67	5210	Ant8	10.34	9.74
802.11be EHT80	996T 67	5210	Ant4	10.33	7.43
802.11be EHT80	996T 67	5210	MIMO	13.35	11.75
802.11ax HE160	1992T LH	5250	Ant8	10.66	10.06
802.11ax HE160	1992T LH	5250	Ant4	10.76	7.86
802.11ax HE160	1992T LH	5250	MIMO	13.72	12.12
802.11be EHT160	1992T LH	5250	Ant8	10.18	9.58
802.11be EHT160	1992T LH	5250	Ant4	10.18	7.28
802.11be EHT160	1992T LH	5250	MIMO	13.19	11.59



Emission Bandwidth

Offset 12.6dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Ant8	21.92	22.04	21.73
802.11a	Ant4	22.07	20.59	21.97
802.11n HT20	Ant8	20.96	21.56	21.61
802.11n HT20	Ant4	21.29	21.89	21.00
802.11ac VHT20	Ant8	21.16	21.84	22.00
802.11ac VHT20	Ant4	21.06	22.23	21.64
802.11ax HE20	Ant8	22.76	21.80	21.84
802.11ax HE20	Ant4	22.59	22.21	22.35
802.11be EHT20	Ant8	22.17	21.57	21.78
802.11be EHT20	Ant4	22.52	21.13	20.74

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Ant8	44.57	---	43.00
802.11n HT40	Ant4	42.81	---	42.35
802.11ac VHT40	Ant8	44.19	---	44.17
802.11ac VHT40	Ant4	41.33	---	42.15
802.11ax HE40	Ant8	43.40	---	42.58
802.11ax HE40	Ant4	42.37	---	41.68
802.11be EHT40	Ant8	42.89	---	43.49
802.11be EHT40	Ant4	43.26	---	41.15



Test Mode	Antenna	26dB Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Ant8	84.27	---	---
802.11ac VHT80	Ant4	88.00	---	---
802.11ax HE80	Ant8	83.32	---	---
802.11ax HE80	Ant4	83.79	---	---
802.11be EHT80	Ant8	84.78	---	---
802.11be EHT80	Ant4	87.97	---	---

Test Mode	Antenna	26dB Bandwidth (MHz)		
		5250MHz	---	---
802.11ac VHT160	Ant8	169.34	---	---
802.11ac VHT160	Ant4	169.13	---	---
802.11ax HE160	Ant8	168.56	---	---
802.11ax HE160	Ant4	168.01	---	---
802.11be EHT160	Ant8	168.21	---	---
802.11be EHT160	Ant4	167.80	---	---

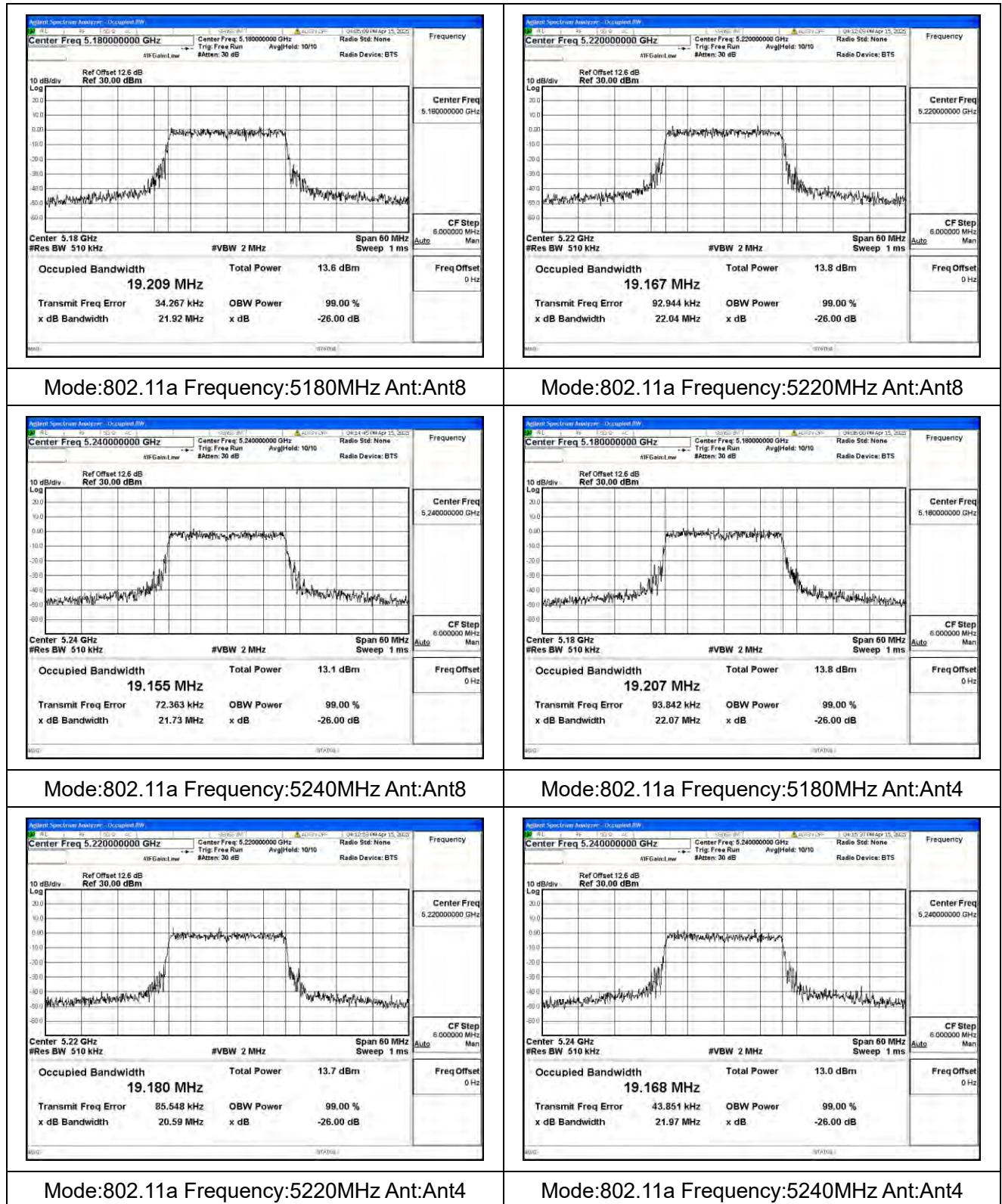
Test Mode	Antenna	26dB Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11ax HE20 26T	Chain0	20.62	20.39	20.67
802.11ax HE20 26T	Chain1	20.36	20.30	20.47



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Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11a

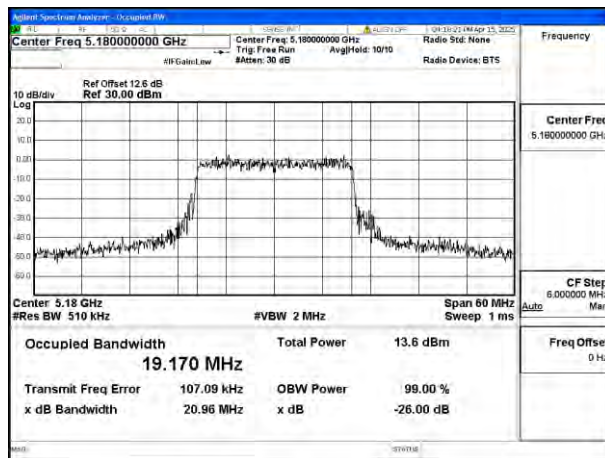




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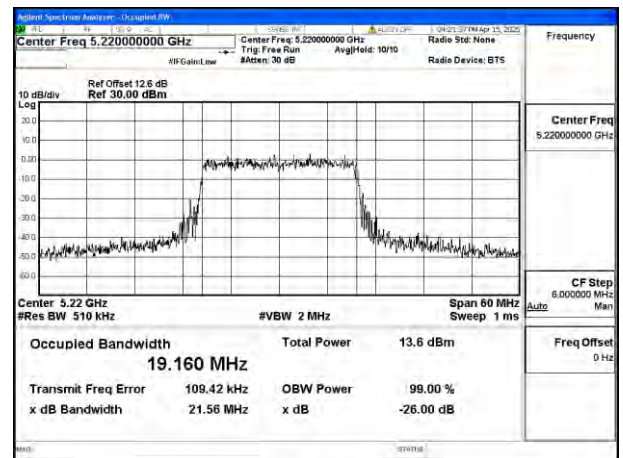
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11n HT20



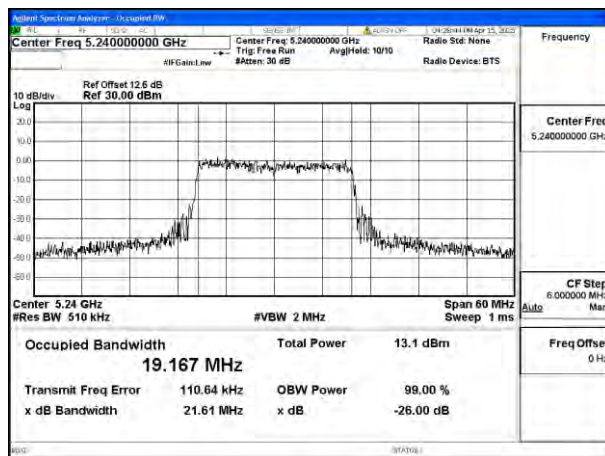
Mode:802.11n HT20 Frequency:5180MHz

Ant:Ant8



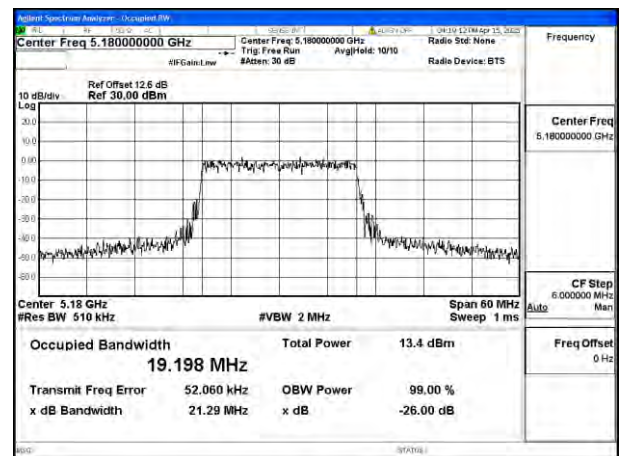
Mode:802.11n HT20 Frequency:5220MHz

Ant:Ant8



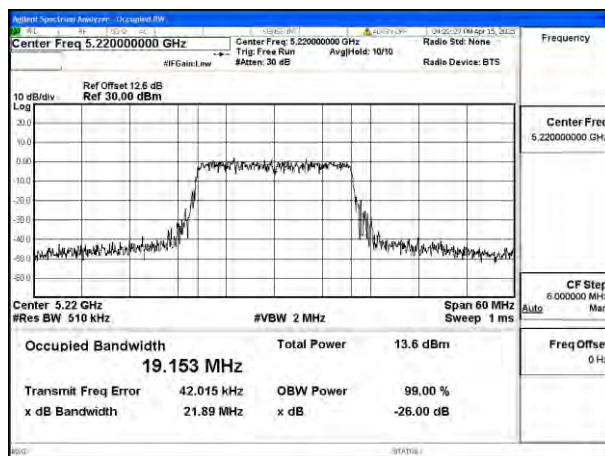
Mode:802.11n HT20 Frequency:5240MHz

Ant:Ant8



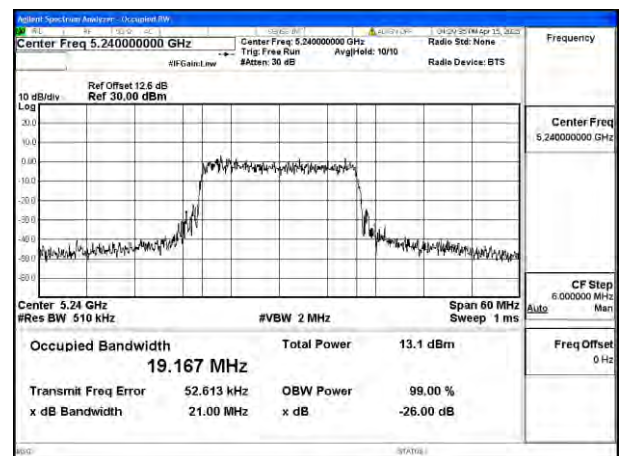
Mode:802.11n HT20 Frequency:5180MHz

Ant:Ant4



Mode:802.11n HT20 Frequency:5220MHz

Ant:Ant4



Mode:802.11n HT20 Frequency:5240MHz

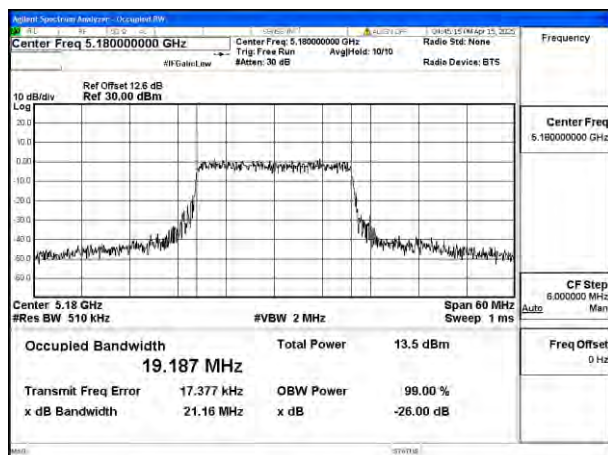
Ant:Ant4



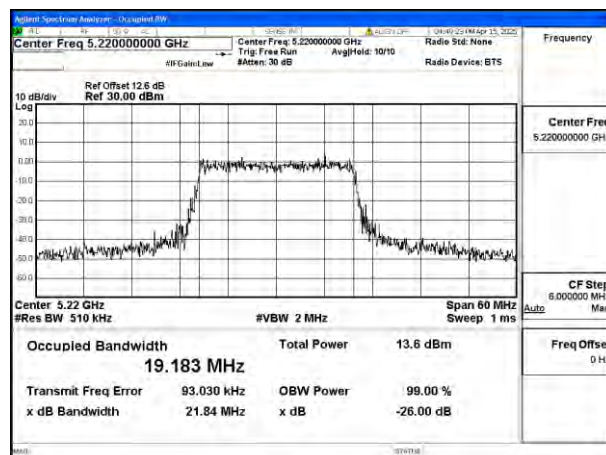
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Test Report No.: PSU-NQN2504150110RF08

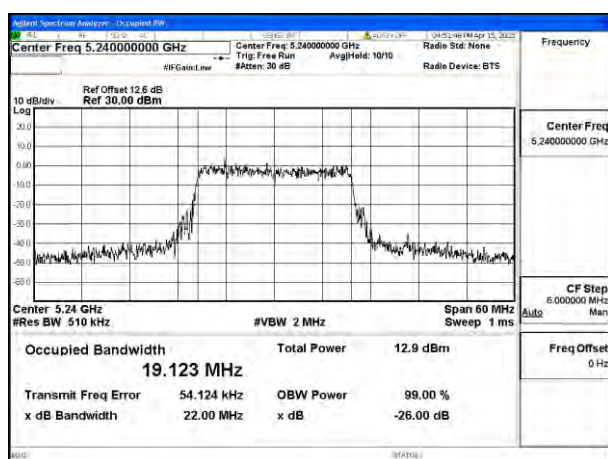
Test Mode: 802.11ac VHT20



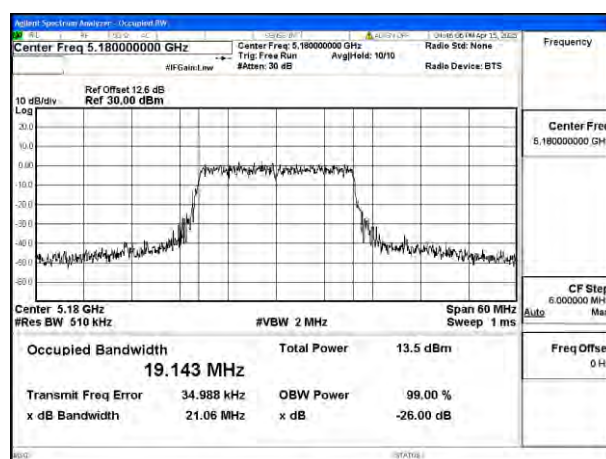
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Ant8



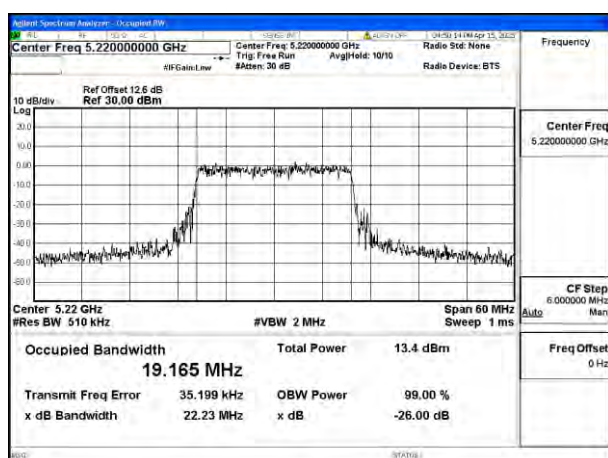
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Ant8



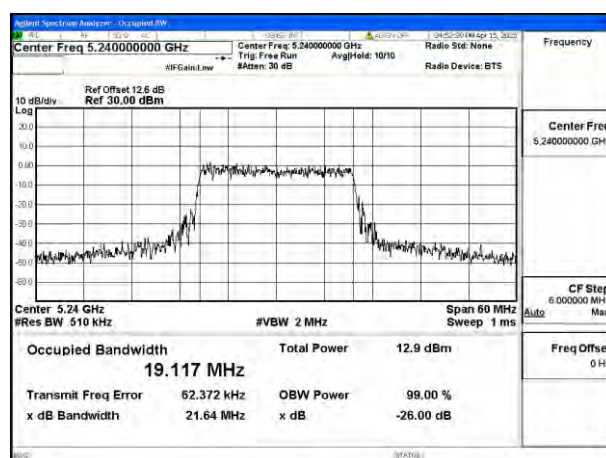
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Ant8



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Ant4



Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Ant4



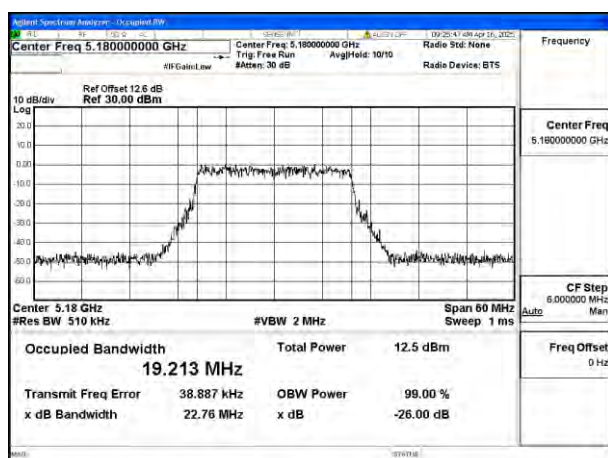
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Ant4



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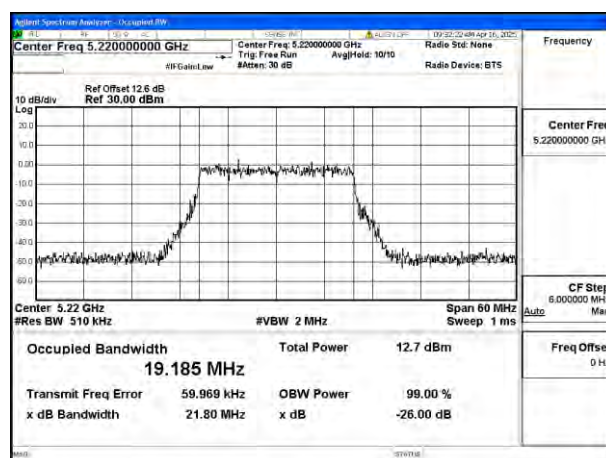
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11ax HE20



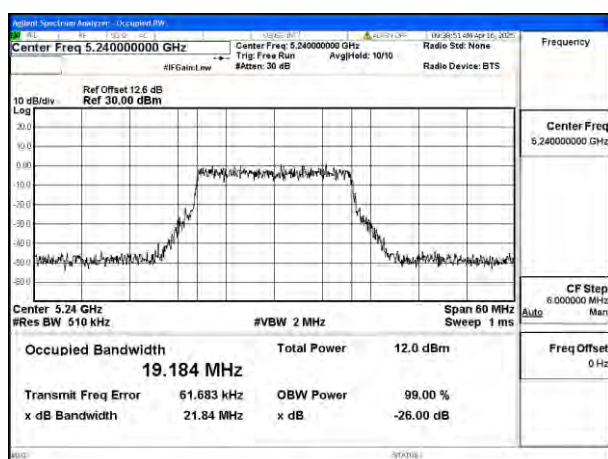
Mode:802.11ax HE20 Frequency:5180MHz

Ant:Ant8



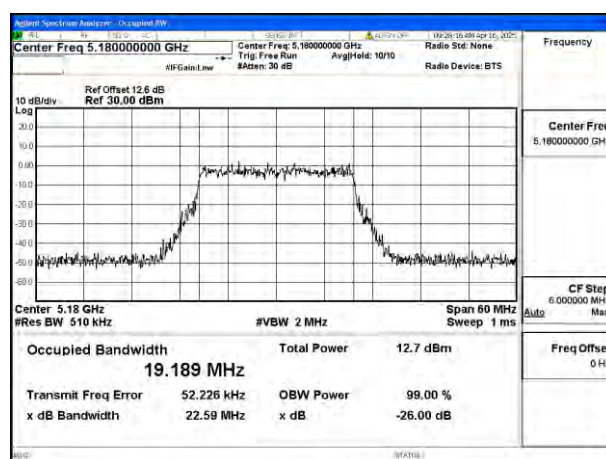
Mode:802.11ax HE20 Frequency:5220MHz

Ant:Ant8



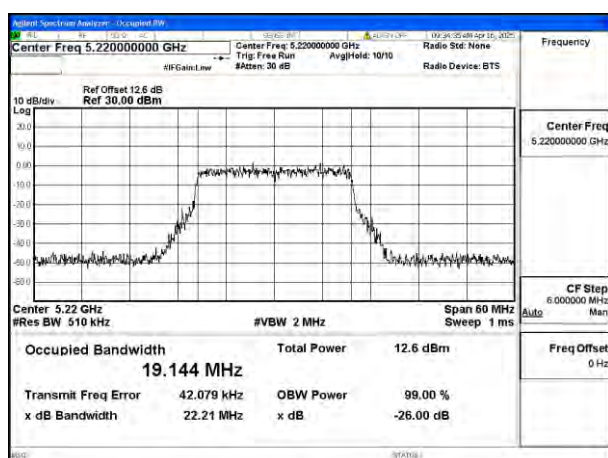
Mode:802.11ax HE20 Frequency:5240MHz

Ant:Ant8



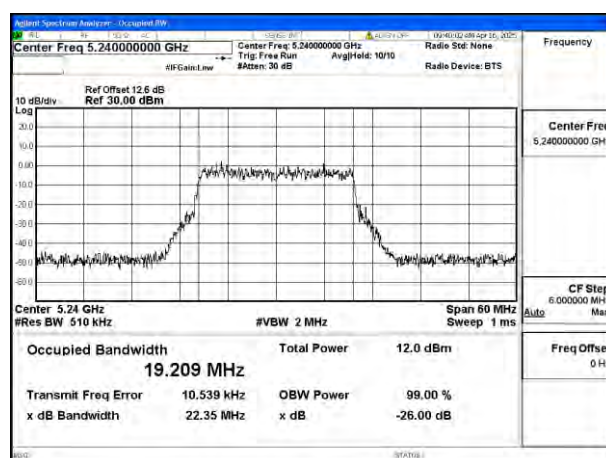
Mode:802.11ax HE20 Frequency:5180MHz

Ant:Ant4



Mode:802.11ax HE20 Frequency:5220MHz

Ant:Ant4



Mode:802.11ax HE20 Frequency:5240MHz

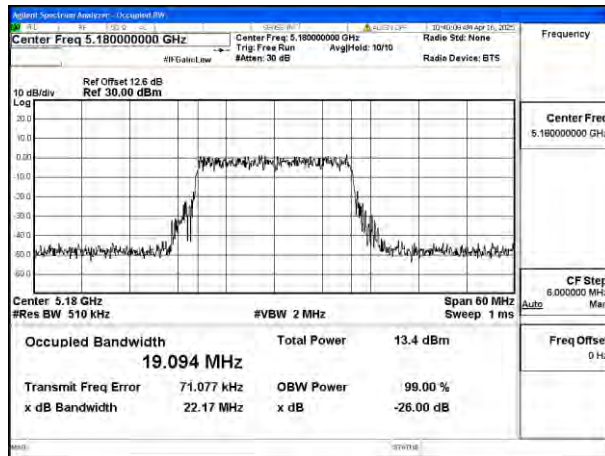
Ant:Ant4



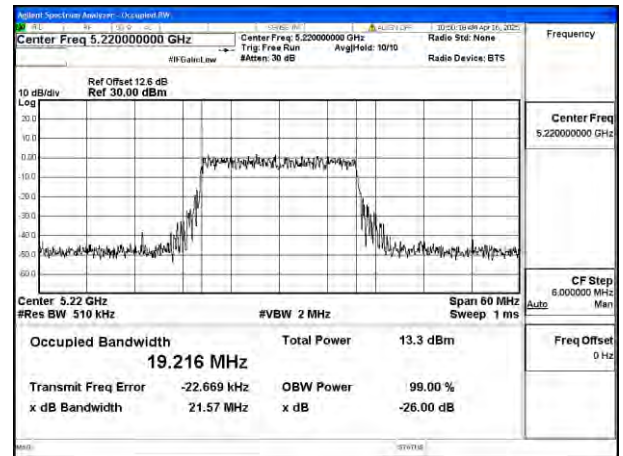
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Test Report No.: PSU-NQN2504150110RF08

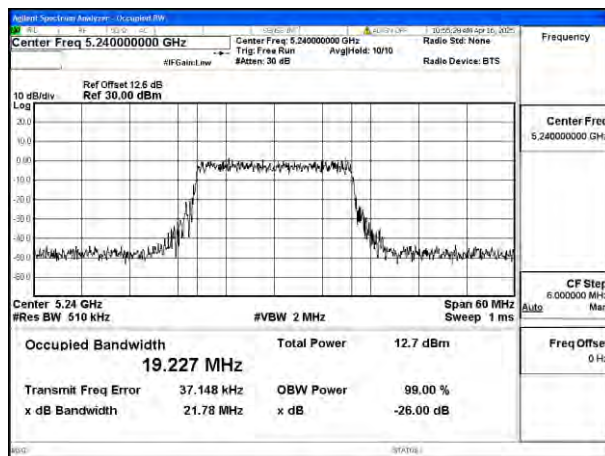
Test Mode: 802.11be EHT20



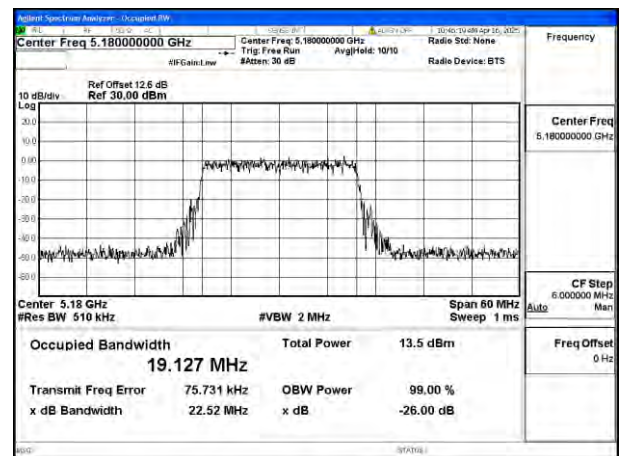
Mode:802.11be EHT20 Frequency:5180MHz
Ant:Ant8



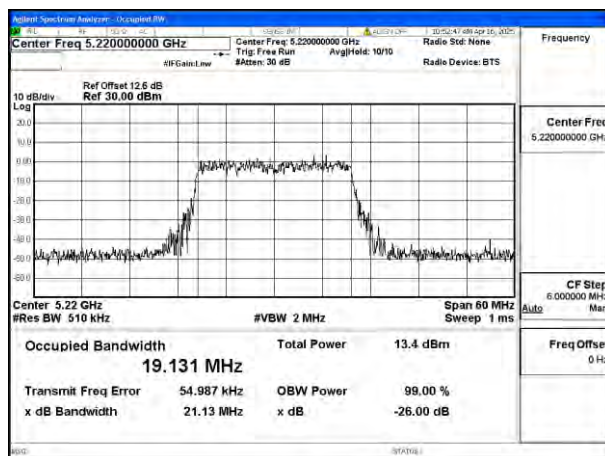
Mode:802.11be EHT20 Frequency:5220MHz
Ant:Ant8



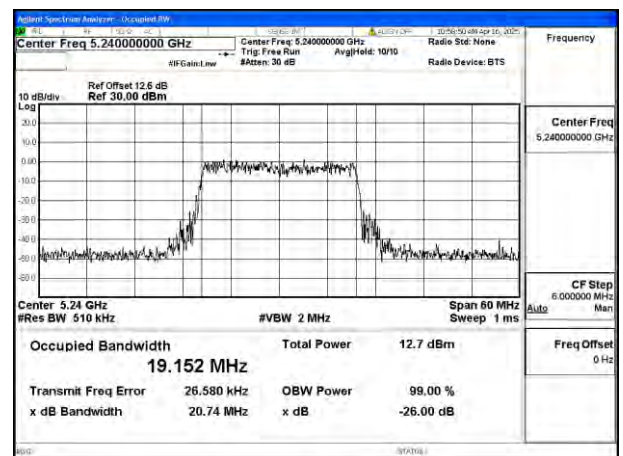
Mode:802.11be EHT20 Frequency:5240MHz
Ant:Ant8



Mode:802.11be EHT20 Frequency:5180MHz
Ant:Ant4



Mode:802.11be EHT20 Frequency:5220MHz
Ant:Ant4



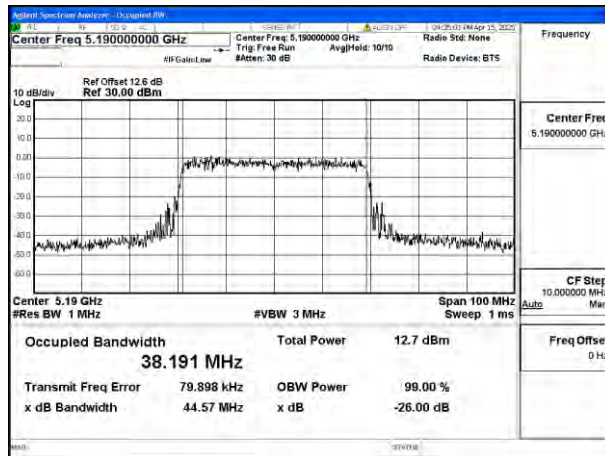
Mode:802.11be EHT20 Frequency:5240MHz
Ant:Ant4



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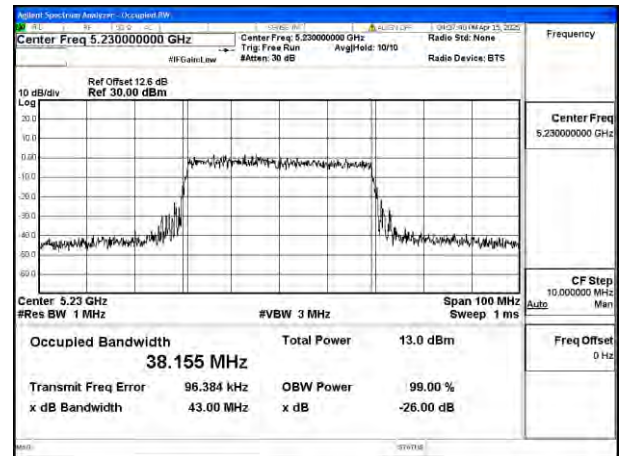
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11n HT40



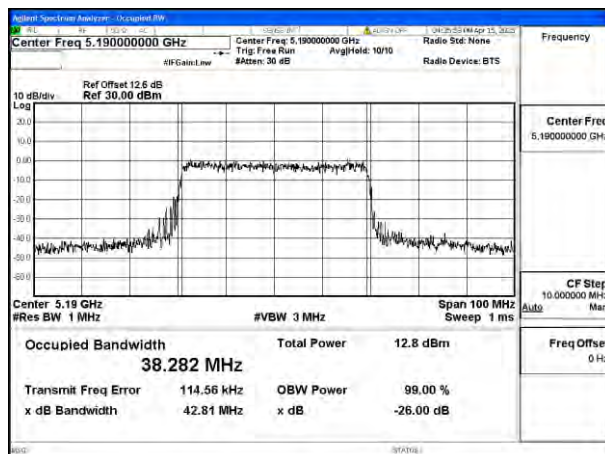
Mode:802.11n HT40 Frequency:5190MHz

Ant:Ant8



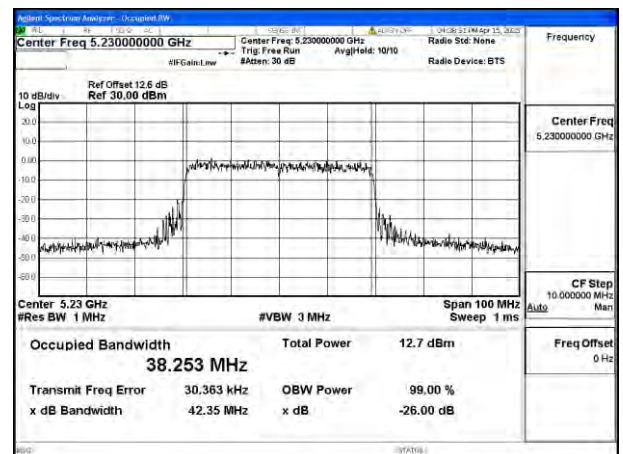
Mode:802.11n HT40 Frequency:5230MHz

Ant:Ant8



Mode:802.11n HT40 Frequency:5190MHz

Ant:Ant4

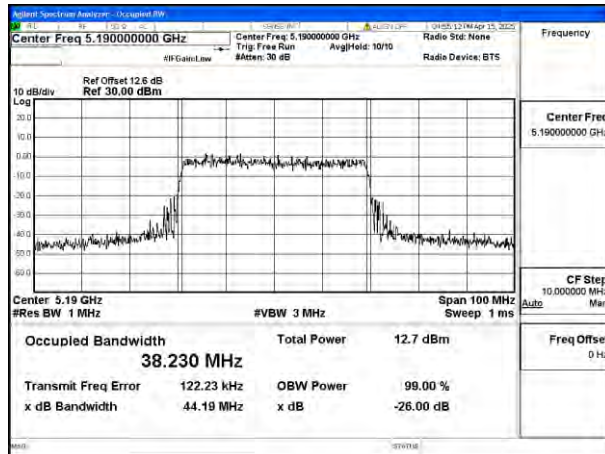


Mode:802.11n HT40 Frequency:5230MHz

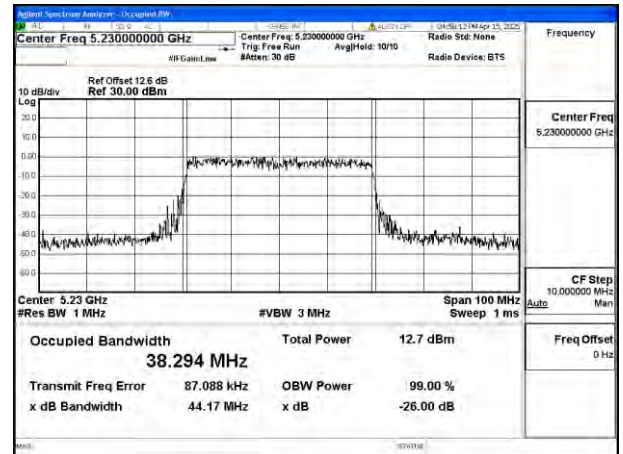
Ant:Ant4



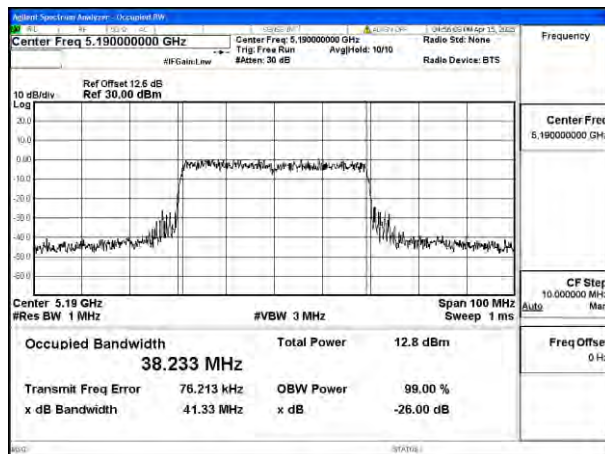
Test Mode: 802.11ac VHT40



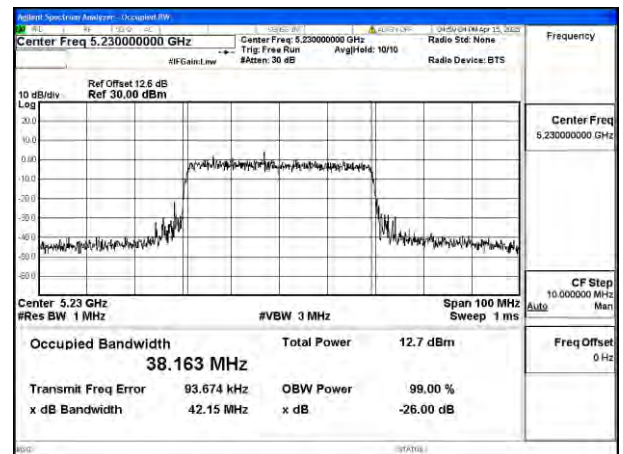
Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Ant8



Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Ant8



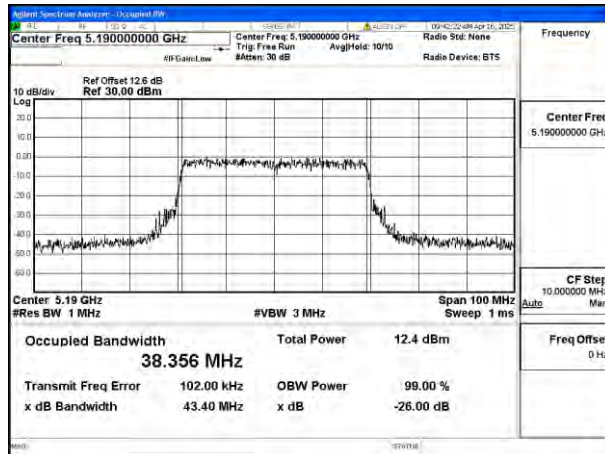
Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Ant4



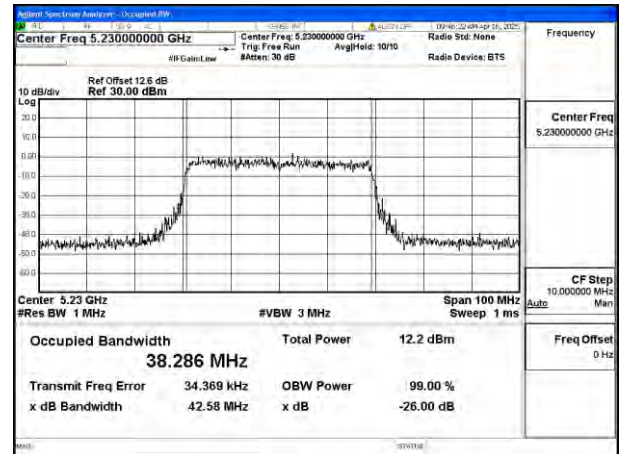
Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Ant4



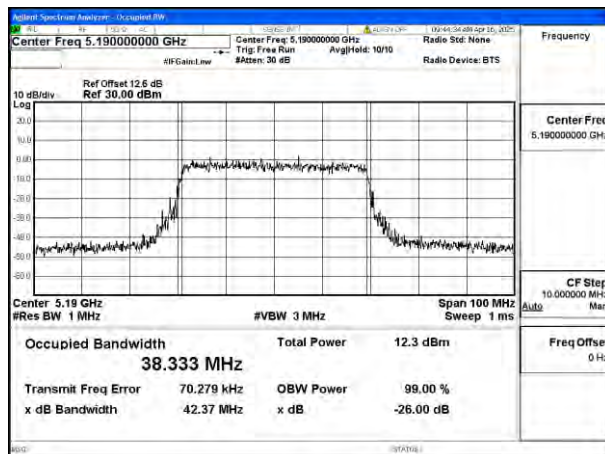
Test Mode: 802.11ax HE40



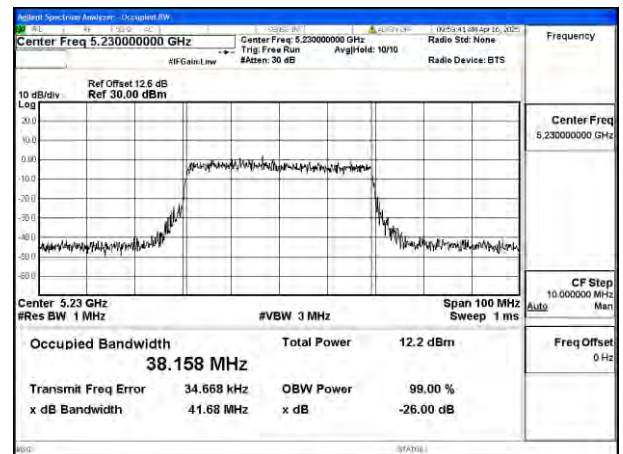
Mode:802.11ax HE40 Frequency:5190MHz
Ant:Ant8



Mode:802.11ax HE40 Frequency:5230MHz
Ant:Ant8



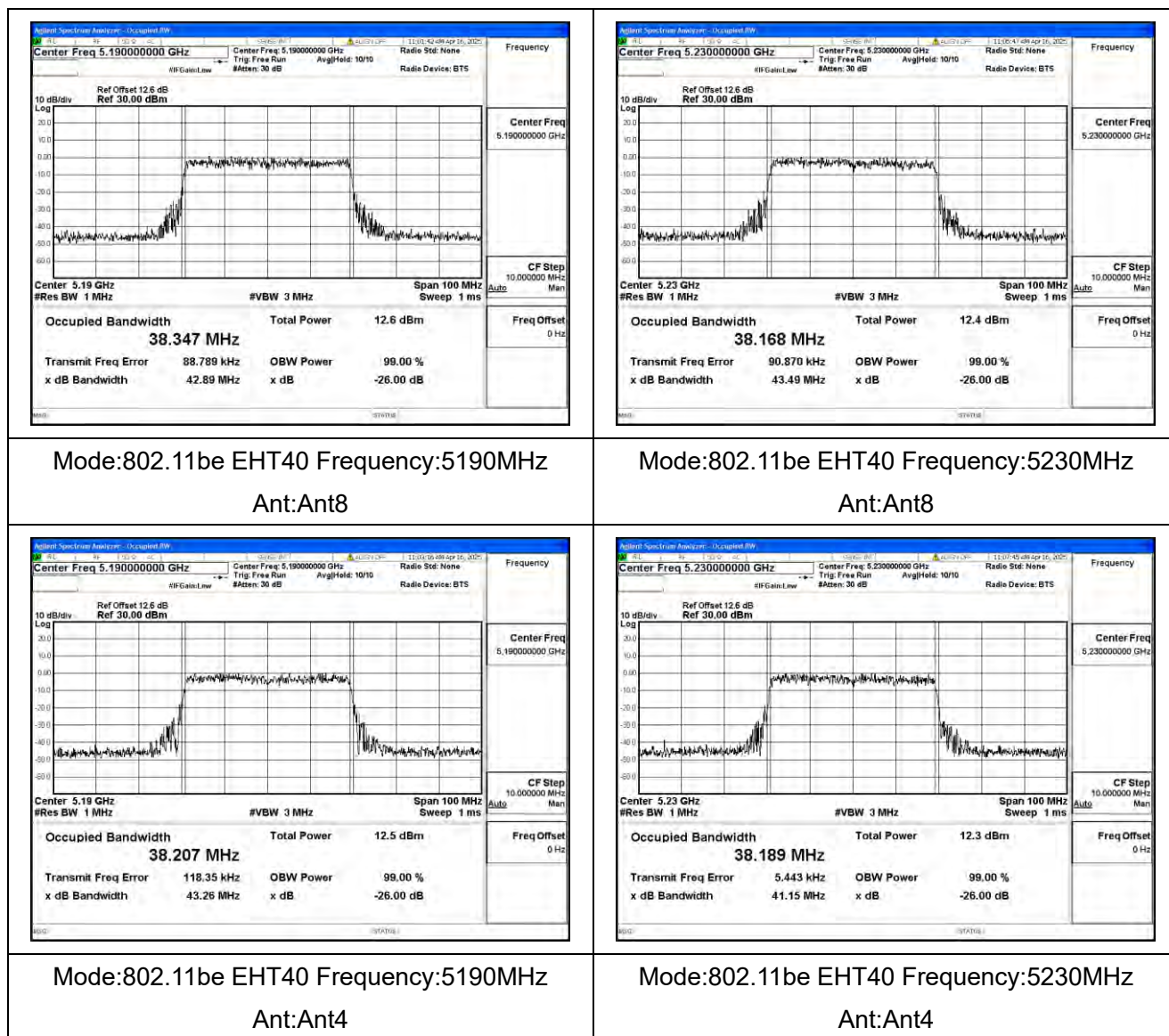
Mode:802.11ax HE40 Frequency:5190MHz
Ant:Ant4



Mode:802.11ax HE40 Frequency:5230MHz
Ant:Ant4



Test Mode: 802.11be EHT40

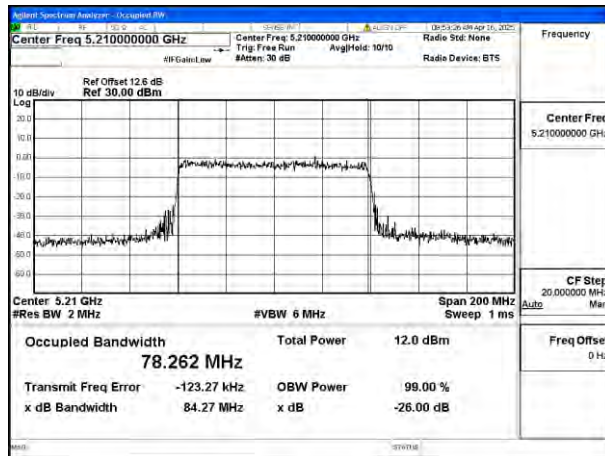




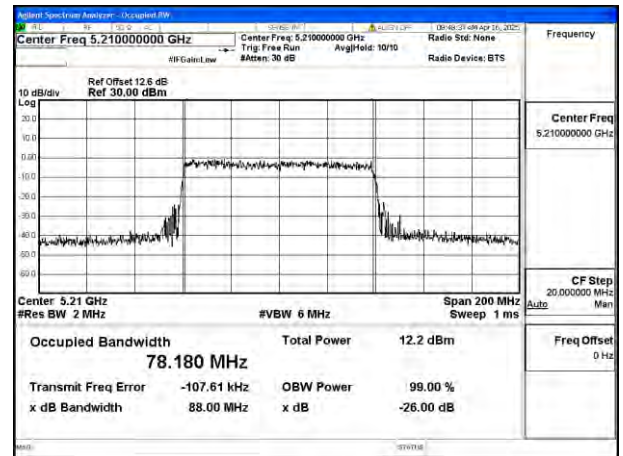
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Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11ac VHT80

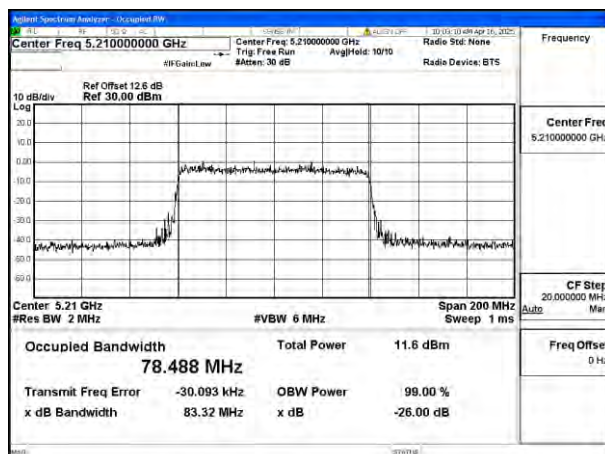


Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Ant8

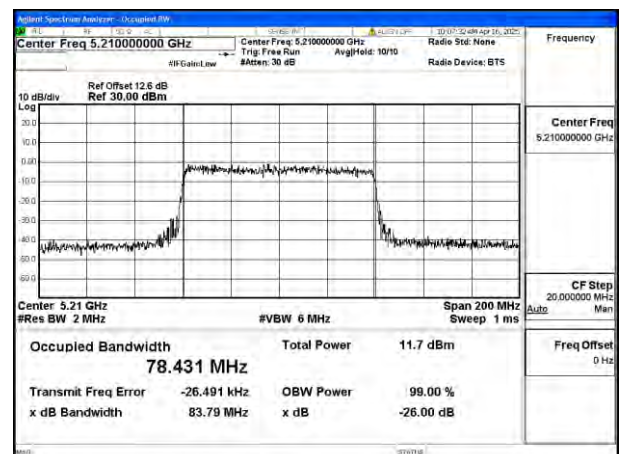


Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Ant4

Test Mode: 802.11ax HE80



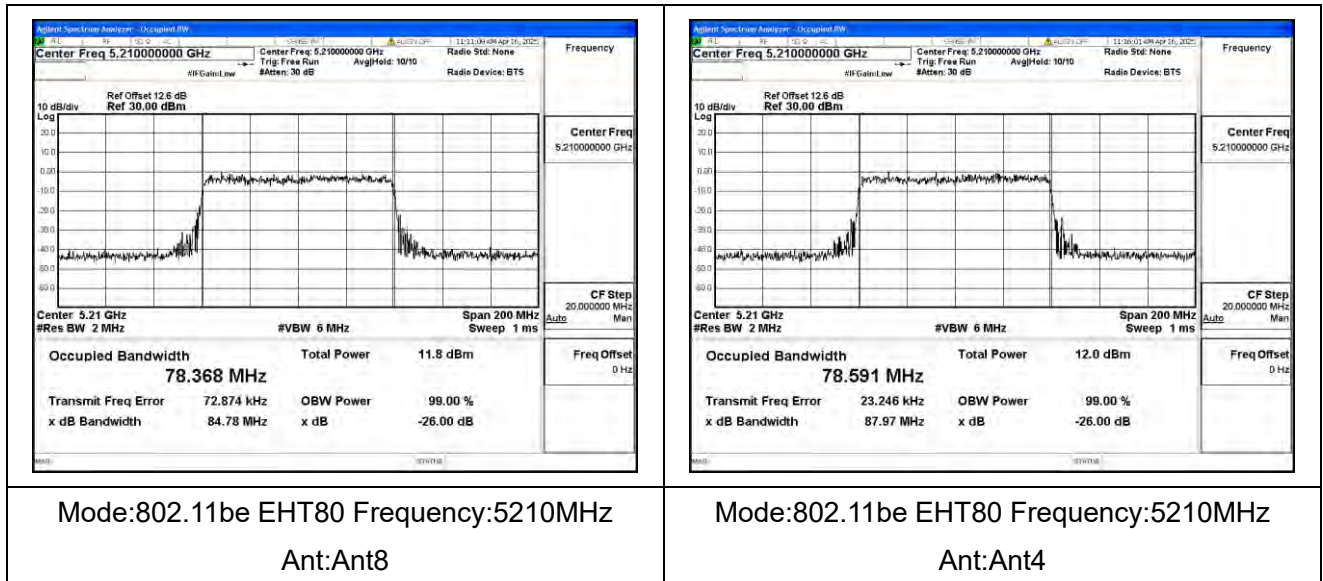
Mode:802.11ax HE80 Frequency:5210MHz
Ant:Ant8



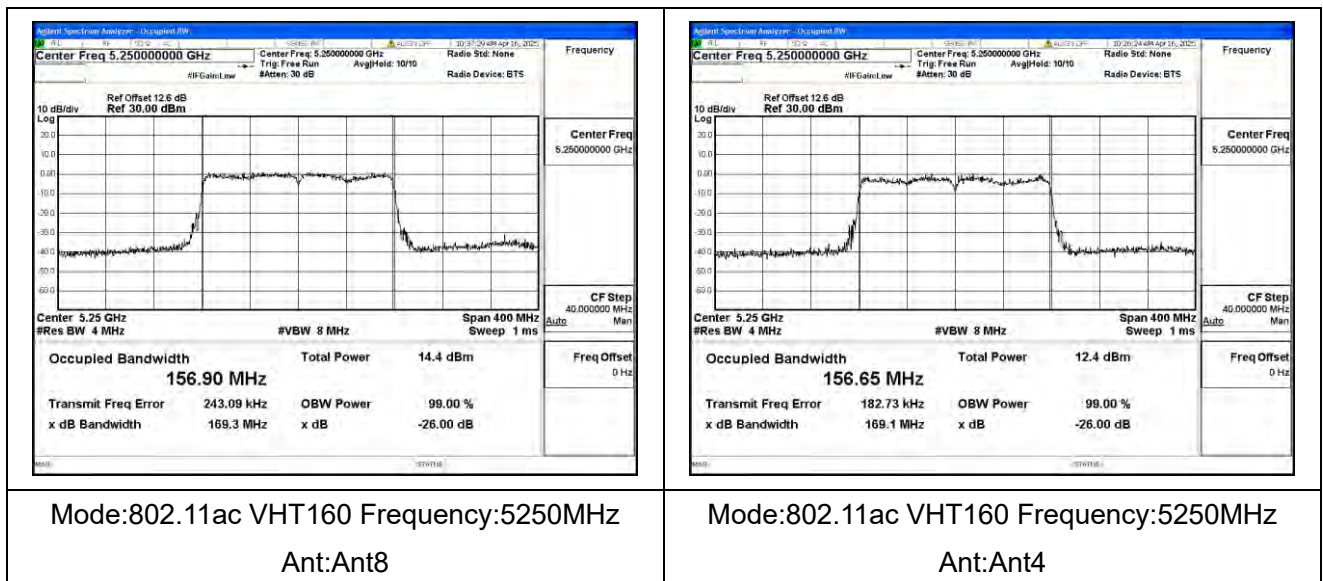
Mode:802.11ax HE80 Frequency:5210MHz
Ant:Ant4



Test Mode: 802.11be EHT80

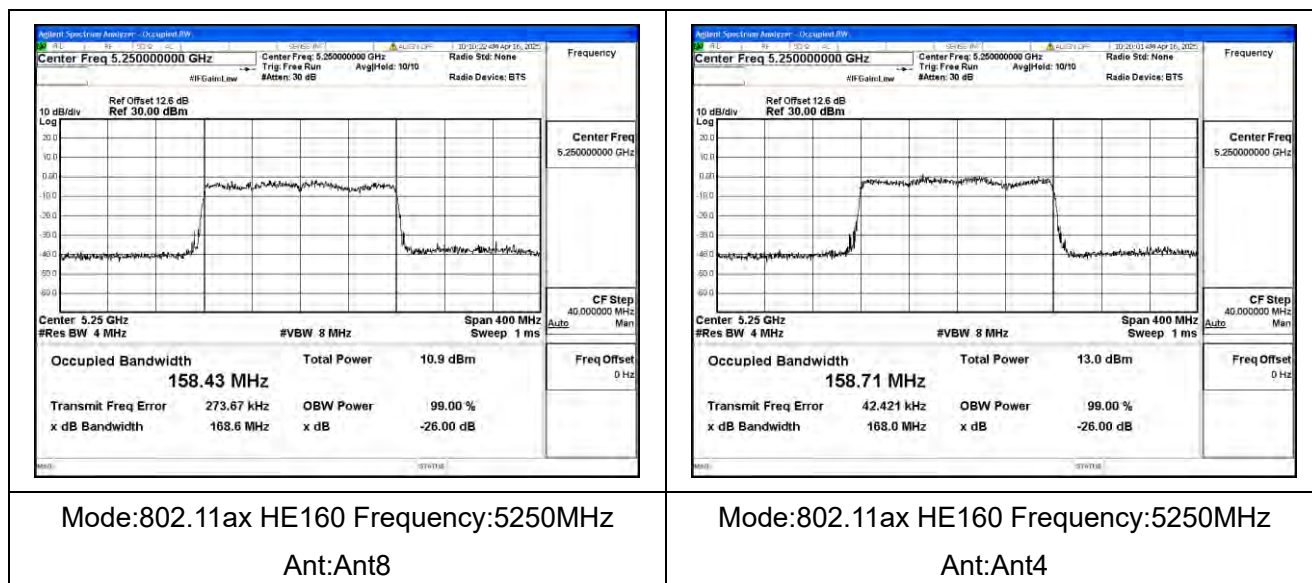


Test Mode: 802.11ac VHT160

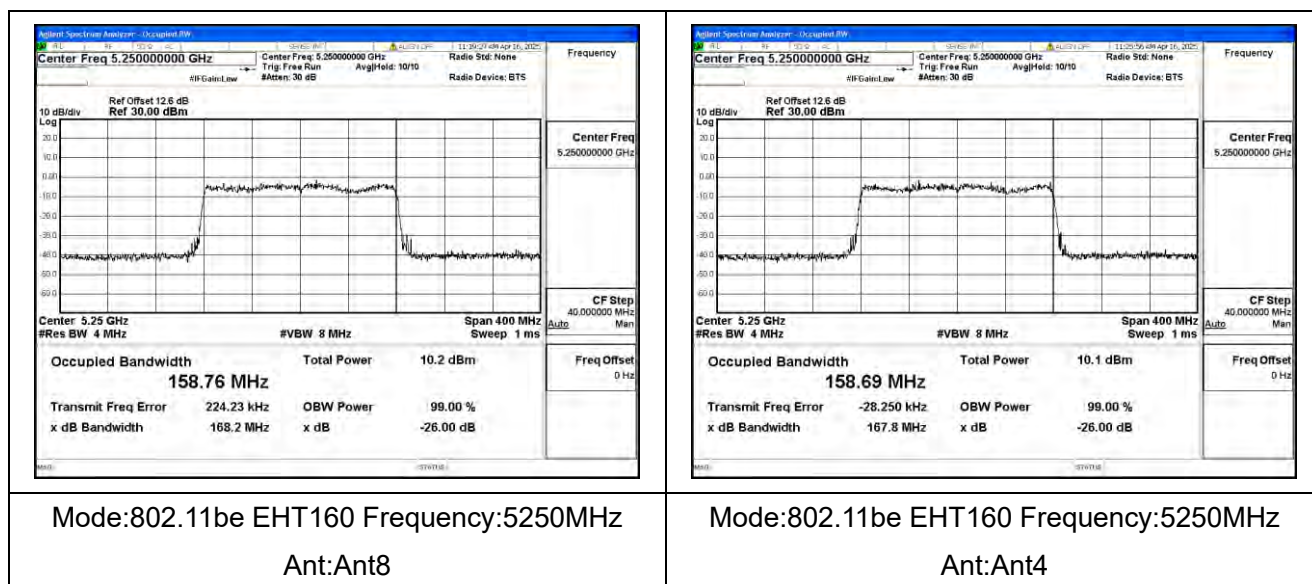




Test Mode: 802.11ax HE160



Test Mode: 802.11be EHT160

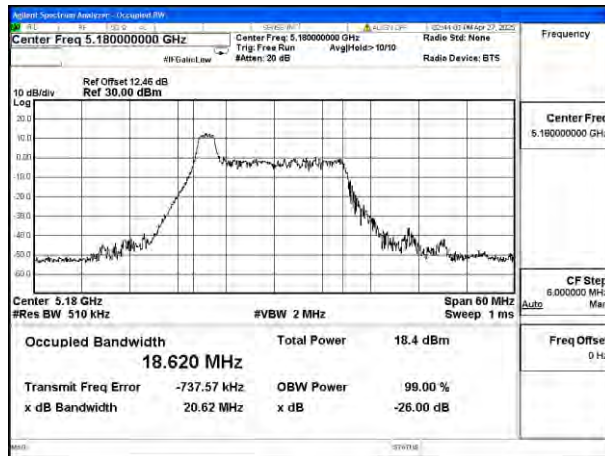




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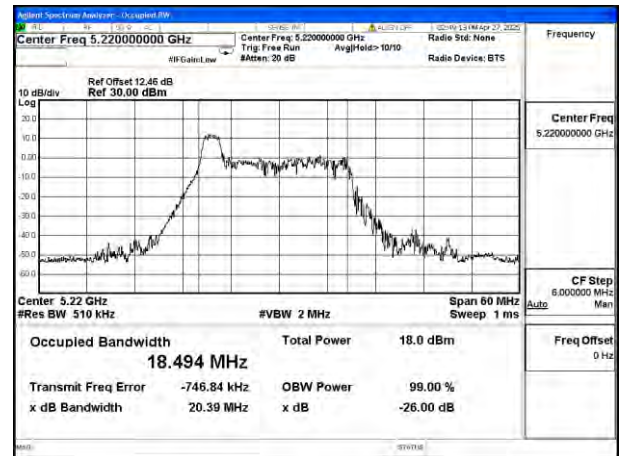
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11ax HE20 26T



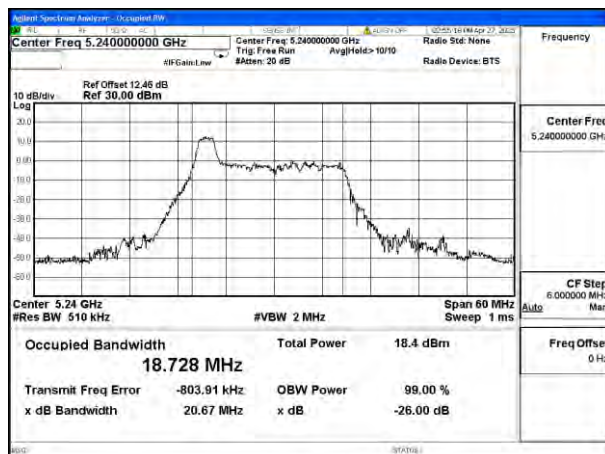
Mode:802.11ax HE20 26T Frequency:5180MHz

Ant:Chain0



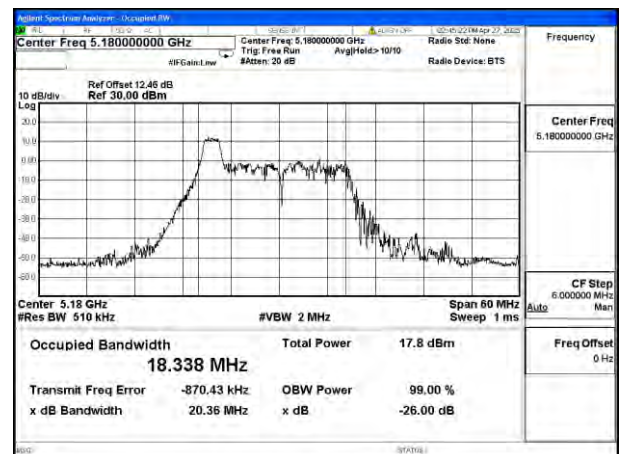
Mode:802.11ax HE20 26T Frequency:5220MHz

Ant:Chain0



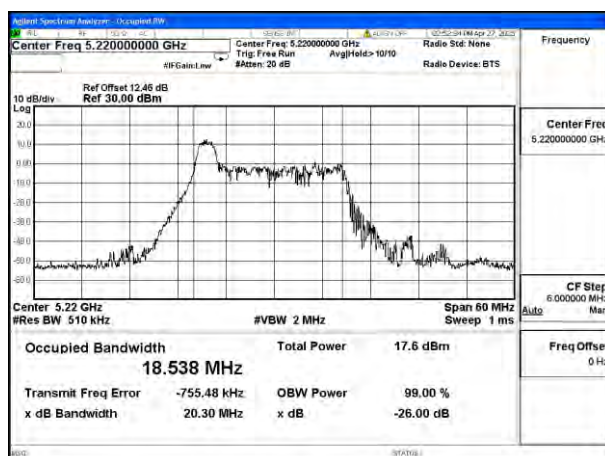
Mode:802.11ax HE20 26T Frequency:5240MHz

Ant:Chain0



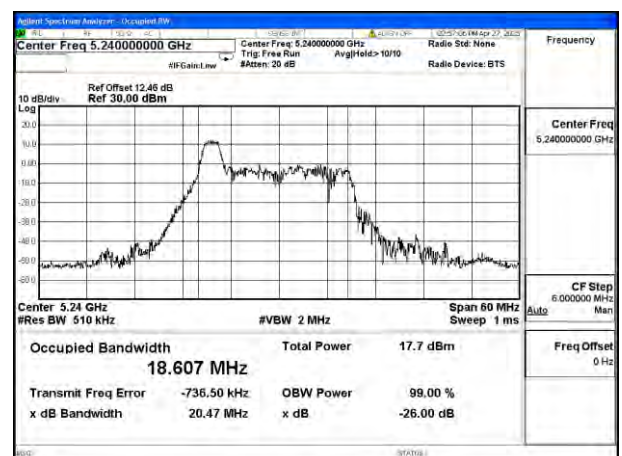
Mode:802.11ax HE20 26T Frequency:5180MHz

Ant:Chain1



Mode:802.11ax HE20 26T Frequency:5220MHz

Ant:Chain1



Mode:802.11ax HE20 26T Frequency:5240MHz

Ant:Chain1



Occupied Bandwidth

Offset 12.6dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Ant8	19.092	19.132	19.161
802.11a	Ant4	19.270	19.135	19.202
802.11n HT20	Ant8	19.209	19.116	19.130
802.11n HT20	Ant4	19.147	19.171	19.210
802.11ac VHT20	Ant8	19.173	19.133	19.168
802.11ac VHT20	Ant4	19.192	19.143	19.181
802.11ax HE20	Ant8	19.191	19.193	19.187
802.11ax HE20	Ant4	19.220	19.103	19.136
802.11be EHT20	Ant8	19.154	19.221	19.226
802.11be EHT20	Ant4	19.083	19.193	19.199

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Ant8	38.295	---	38.250
802.11n HT40	Ant4	38.153	---	38.210
802.11ac VHT40	Ant8	38.228	---	38.243
802.11ac VHT40	Ant4	38.210	---	38.034
802.11ax HE40	Ant8	38.222	---	38.123
802.11ax HE40	Ant4	38.217	---	38.165
802.11be EHT40	Ant8	38.423	---	38.055
802.11be EHT40	Ant4	38.206	---	38.367



Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Ant8	78.314	---	---
802.11ac VHT80	Ant4	78.092	---	---
802.11ax HE80	Ant8	78.398	---	---
802.11ax HE80	Ant4	78.341	---	---
802.11be EHT80	Ant8	78.250	---	---
802.11be EHT80	Ant4	78.473	---	---

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5250MHz	---	---
802.11ac VHT160	Ant8	156.625	---	---
802.11ac VHT160	Ant4	156.746	---	---
802.11ax HE160	Ant8	158.635	---	---
802.11ax HE160	Ant4	158.187	---	---
802.11be EHT160	Ant8	158.534	---	---
802.11be EHT160	Ant4	158.704	---	---

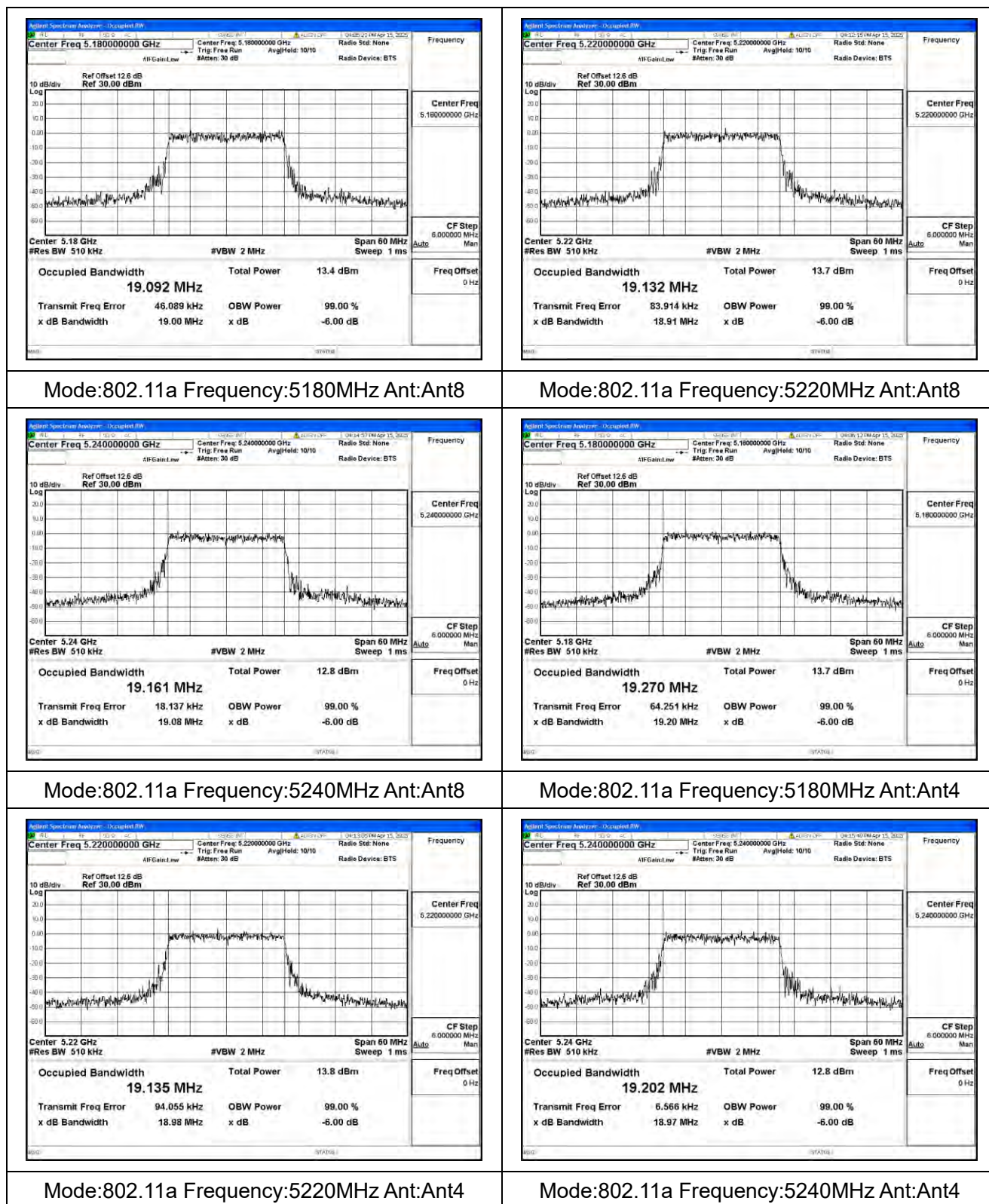
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11ax HE20 26T	Chain0	18.351	18.690	18.678
802.11ax HE20 26T	Chain1	18.467	18.650	18.685



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Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11a

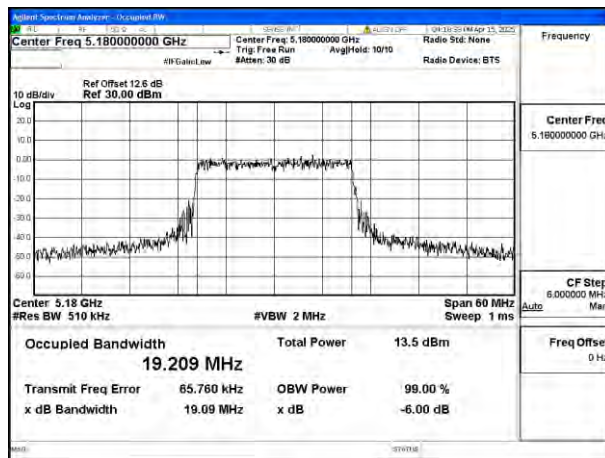




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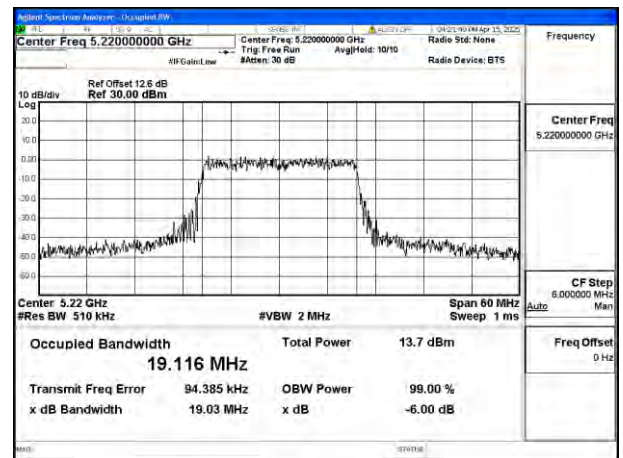
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11n HT20



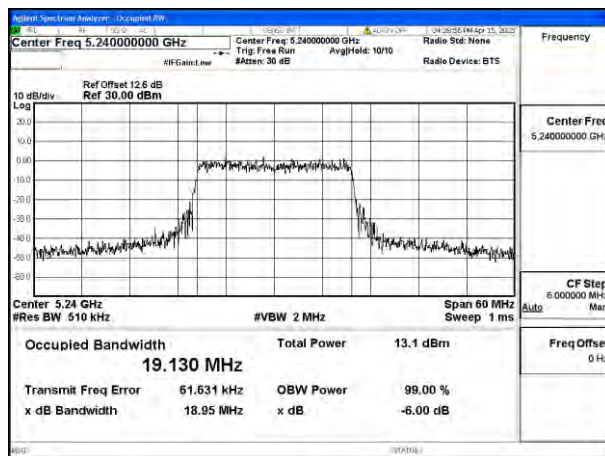
Mode:802.11n HT20 Frequency:5180MHz

Ant:Ant8



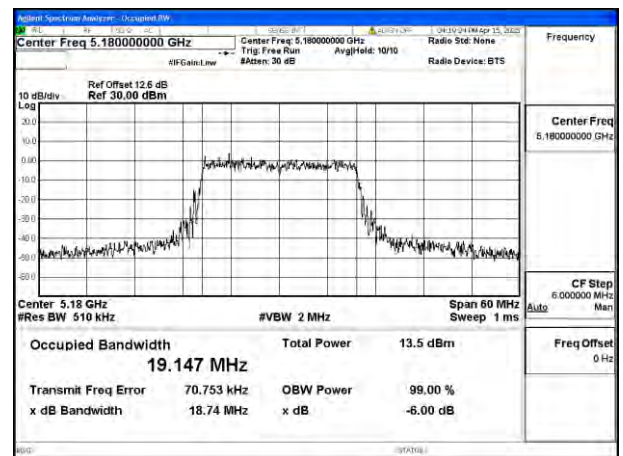
Mode:802.11n HT20 Frequency:5220MHz

Ant:Ant8



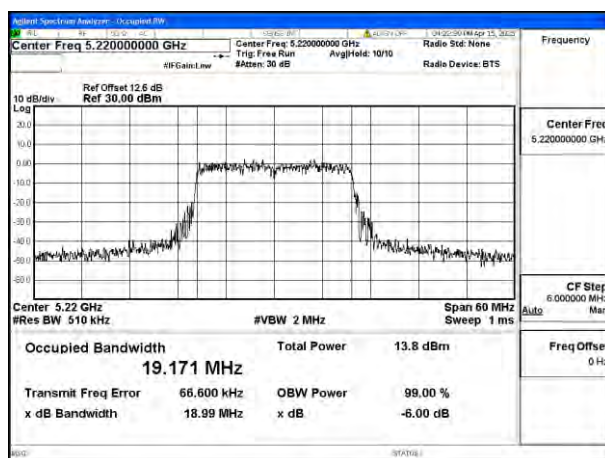
Mode:802.11n HT20 Frequency:5240MHz

Ant:Ant8



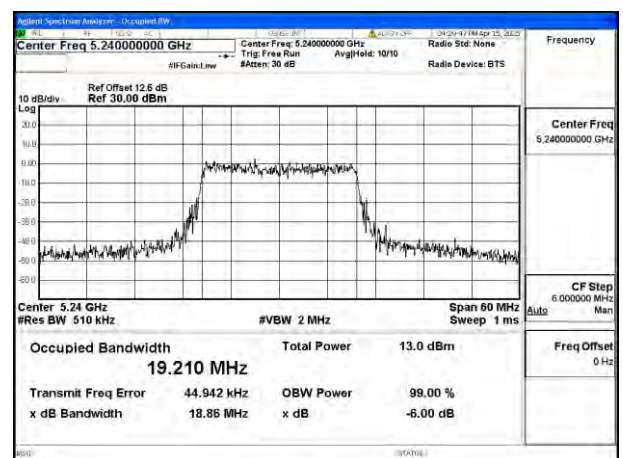
Mode:802.11n HT20 Frequency:5180MHz

Ant:Ant4



Mode:802.11n HT20 Frequency:5220MHz

Ant:Ant4



Mode:802.11n HT20 Frequency:5240MHz

Ant:Ant4

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District, Suzhou City, Anhui Province

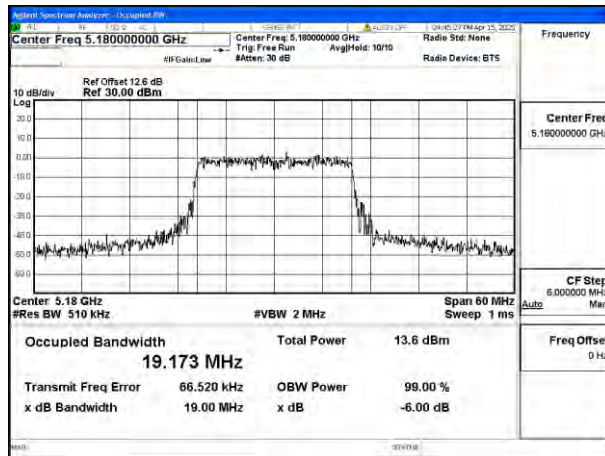
Tel: +86 (0557) 368 1008



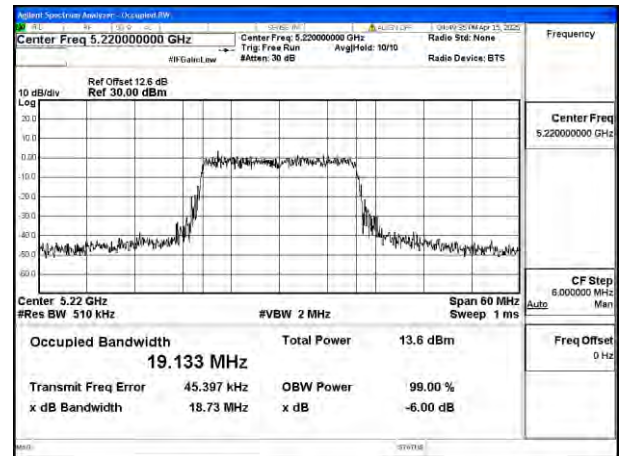
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Test Report No.: PSU-NQN2504150110RF08

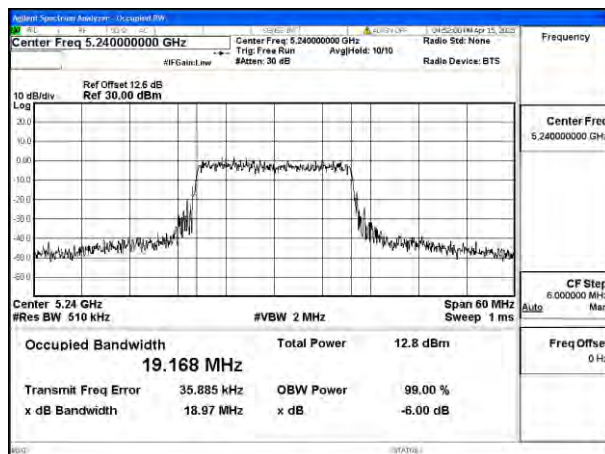
Test Mode: 802.11ac VHT20



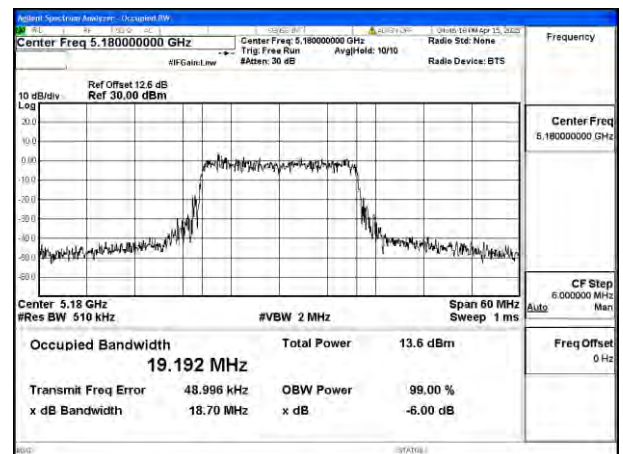
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Ant8



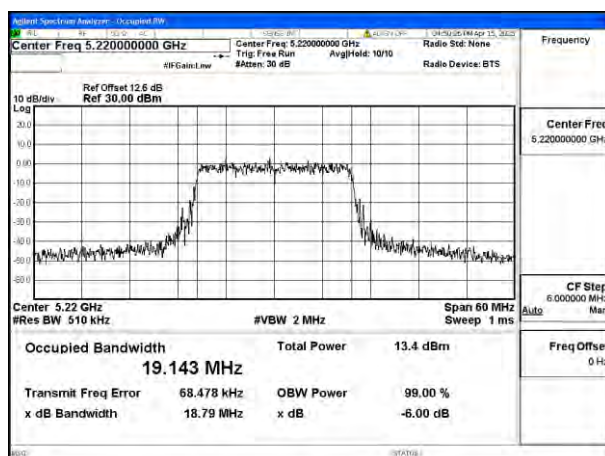
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Ant8



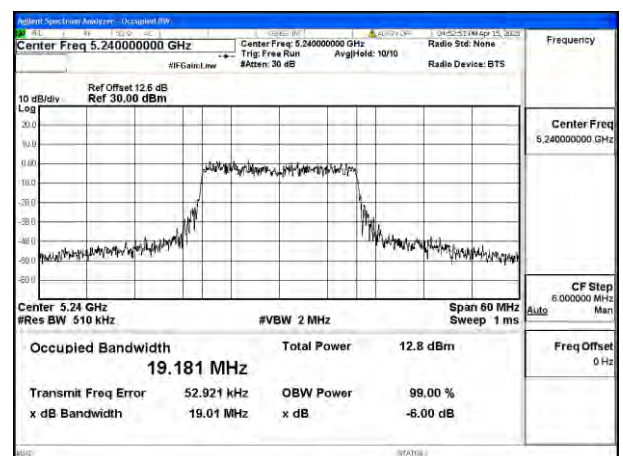
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Ant8



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Ant4



Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Ant4



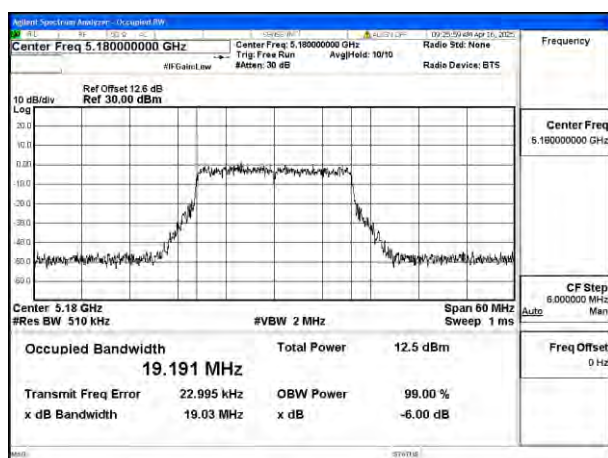
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Ant4



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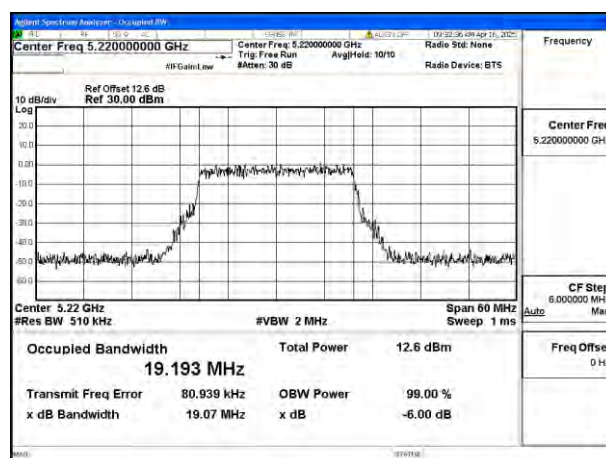
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11ax HE20



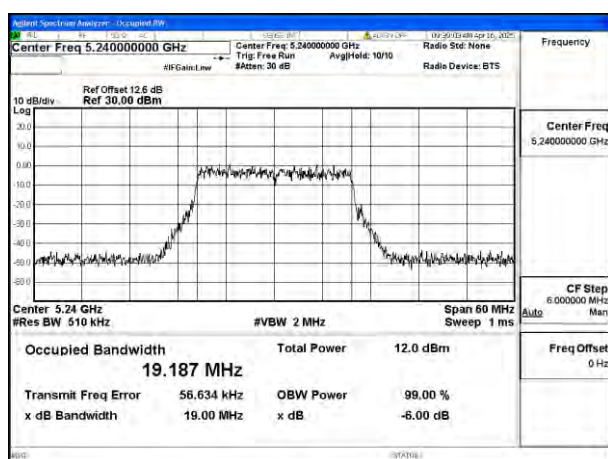
Mode:802.11ax HE20 Frequency:5180MHz

Ant:Ant8



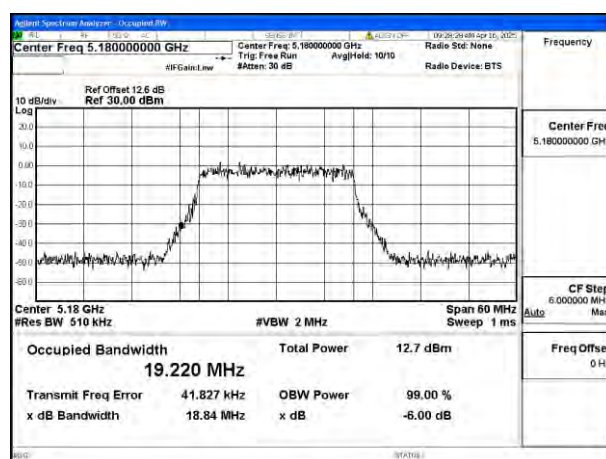
Mode:802.11ax HE20 Frequency:5220MHz

Ant:Ant8



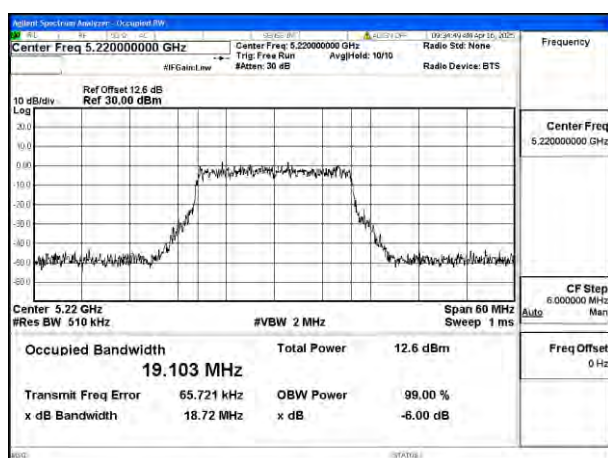
Mode:802.11ax HE20 Frequency:5240MHz

Ant:Ant8



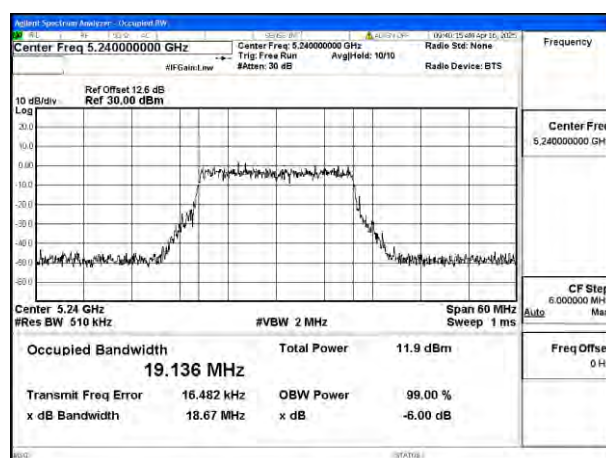
Mode:802.11ax HE20 Frequency:5180MHz

Ant:Ant4



Mode:802.11ax HE20 Frequency:5220MHz

Ant:Ant4



Mode:802.11ax HE20 Frequency:5240MHz

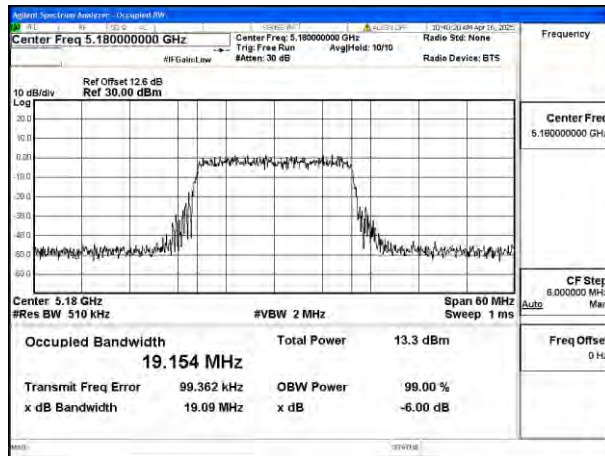
Ant:Ant4



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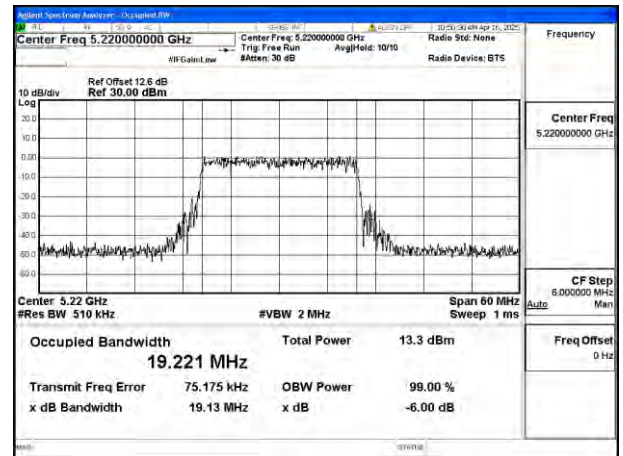
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11be EHT20



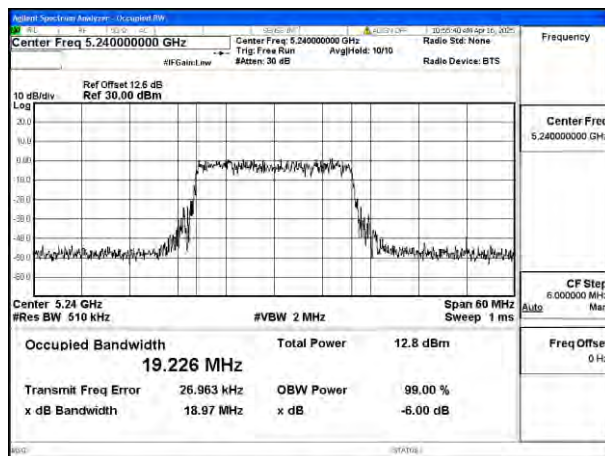
Mode:802.11be EHT20 Frequency:5180MHz

Ant:Ant8



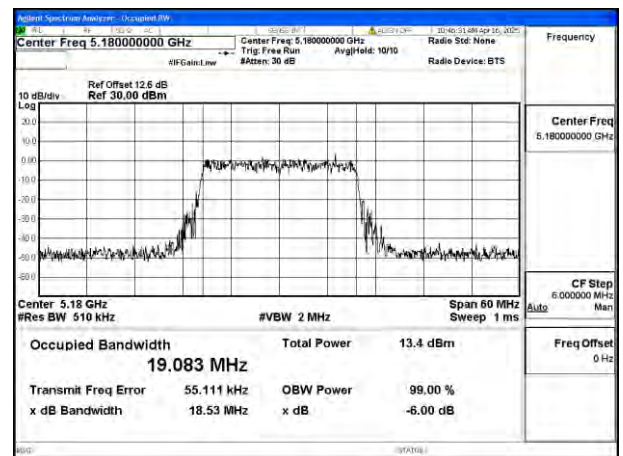
Mode:802.11be EHT20 Frequency:5220MHz

Ant:Ant8



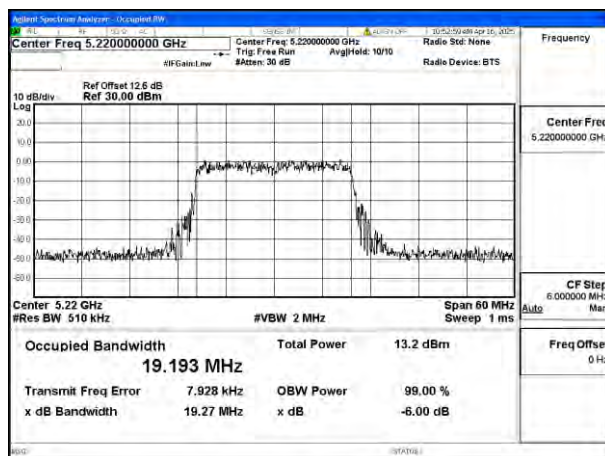
Mode:802.11be EHT20 Frequency:5240MHz

Ant:Ant8



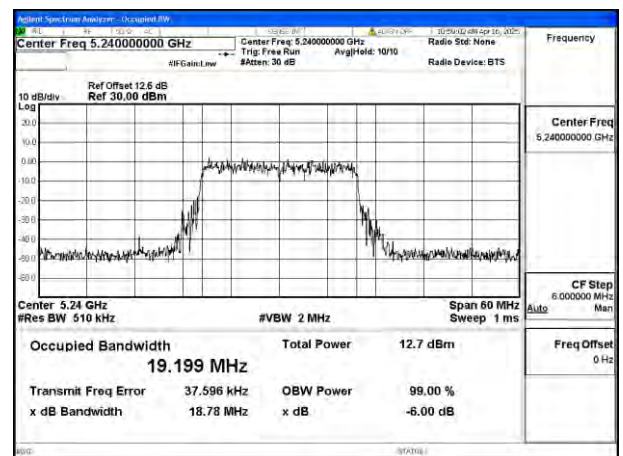
Mode:802.11be EHT20 Frequency:5180MHz

Ant:Ant4



Mode:802.11be EHT20 Frequency:5220MHz

Ant:Ant4

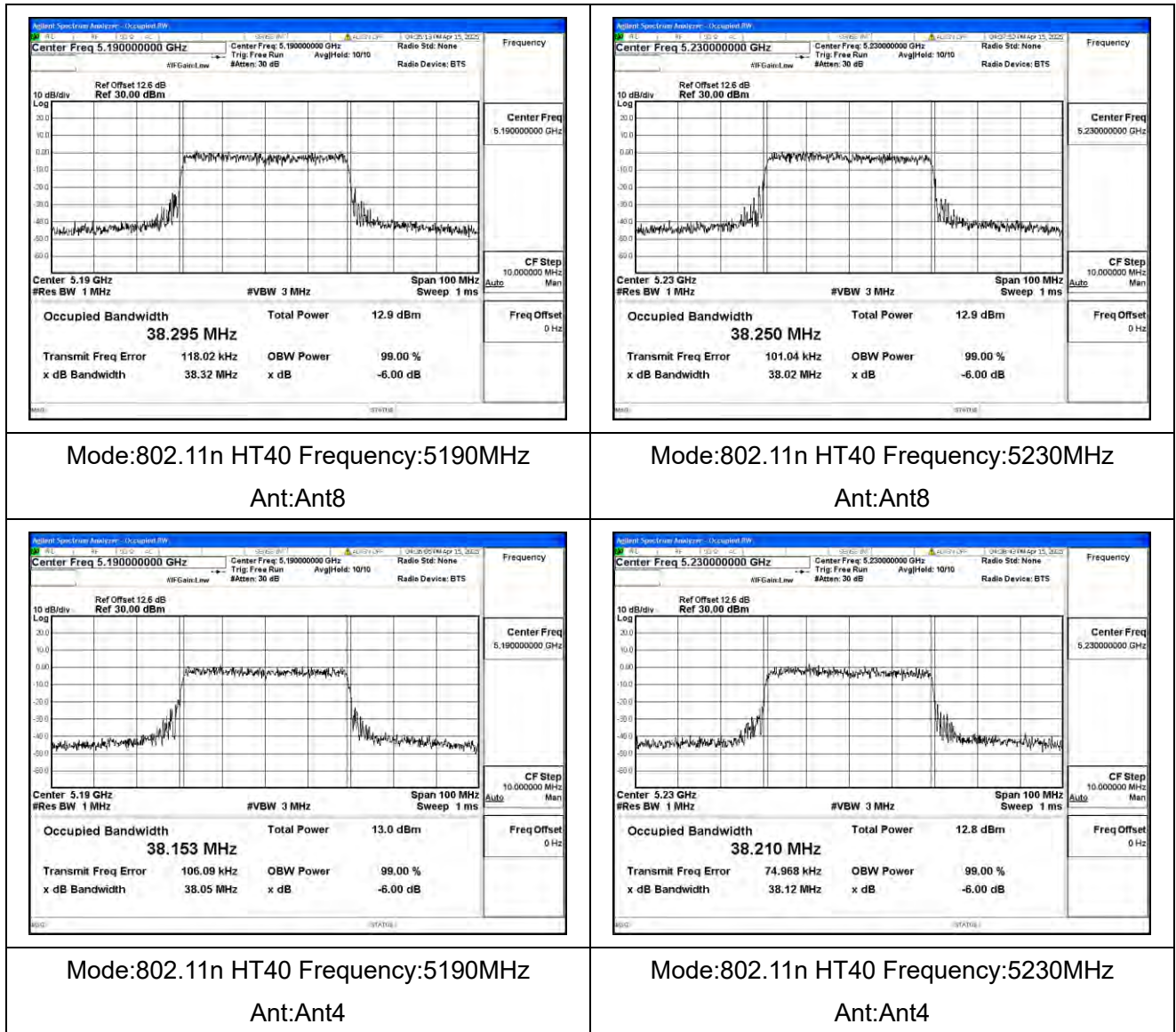


Mode:802.11be EHT20 Frequency:5240MHz

Ant:Ant4

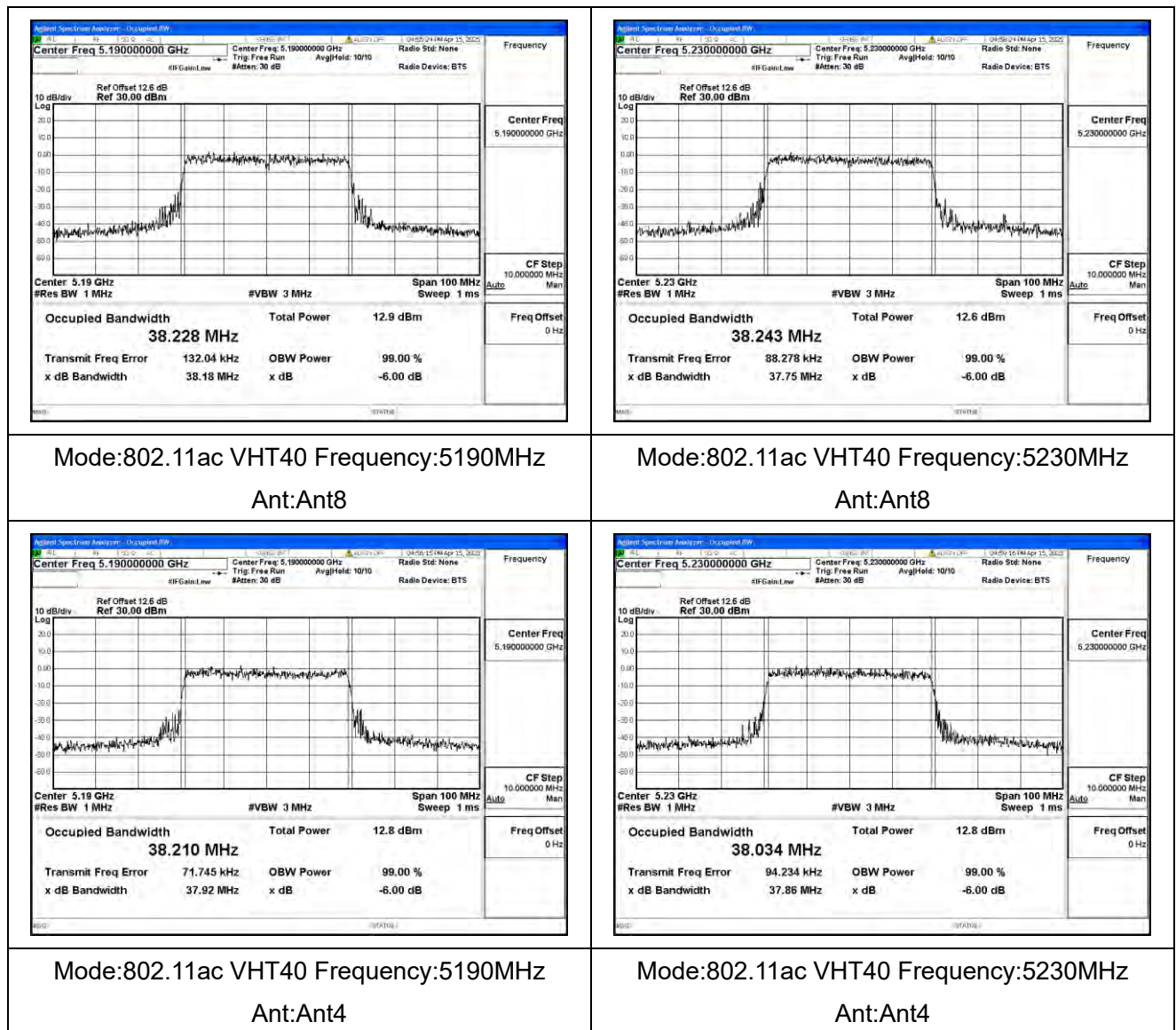


Test Mode: 802.11n HT40





Test Mode: 802.11ac VHT40

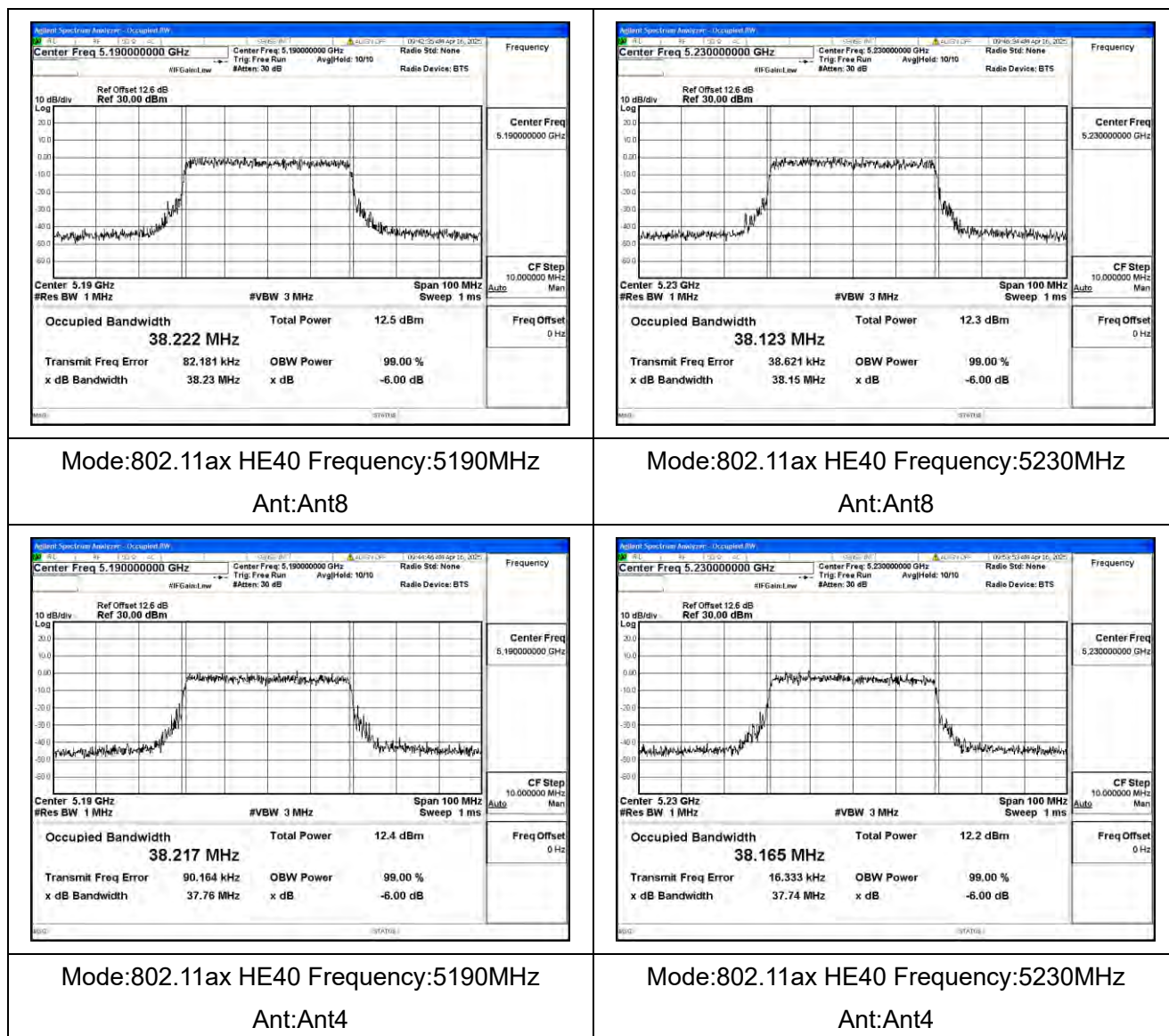




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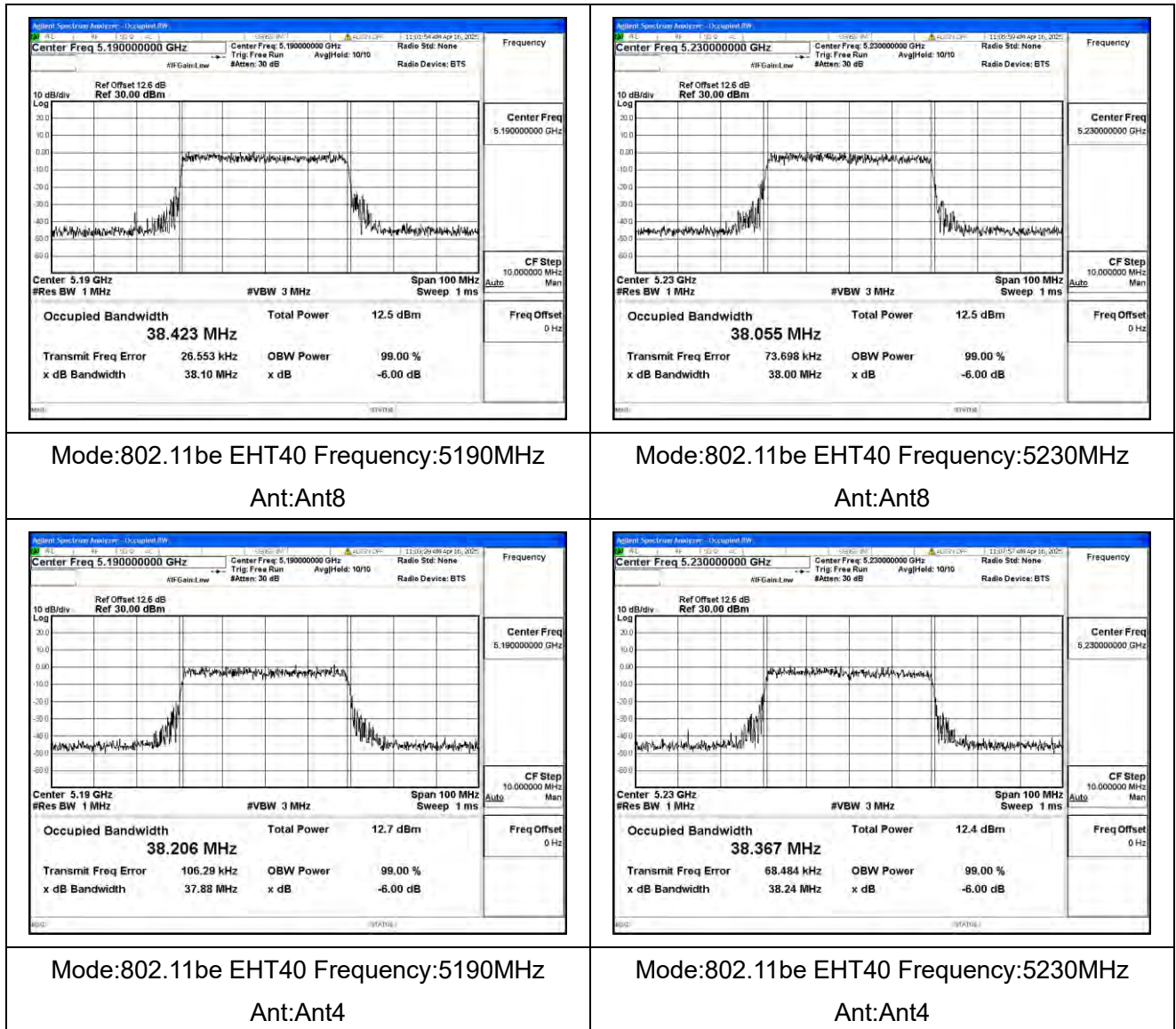
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11ax HE40



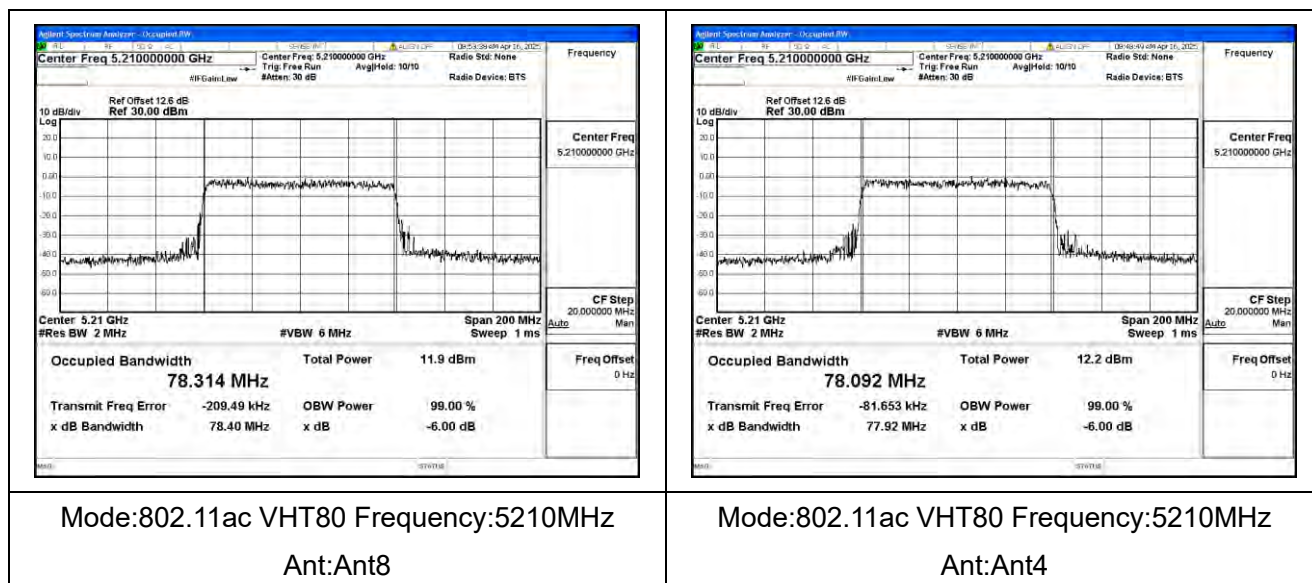


Test Mode: 802.11be EHT40

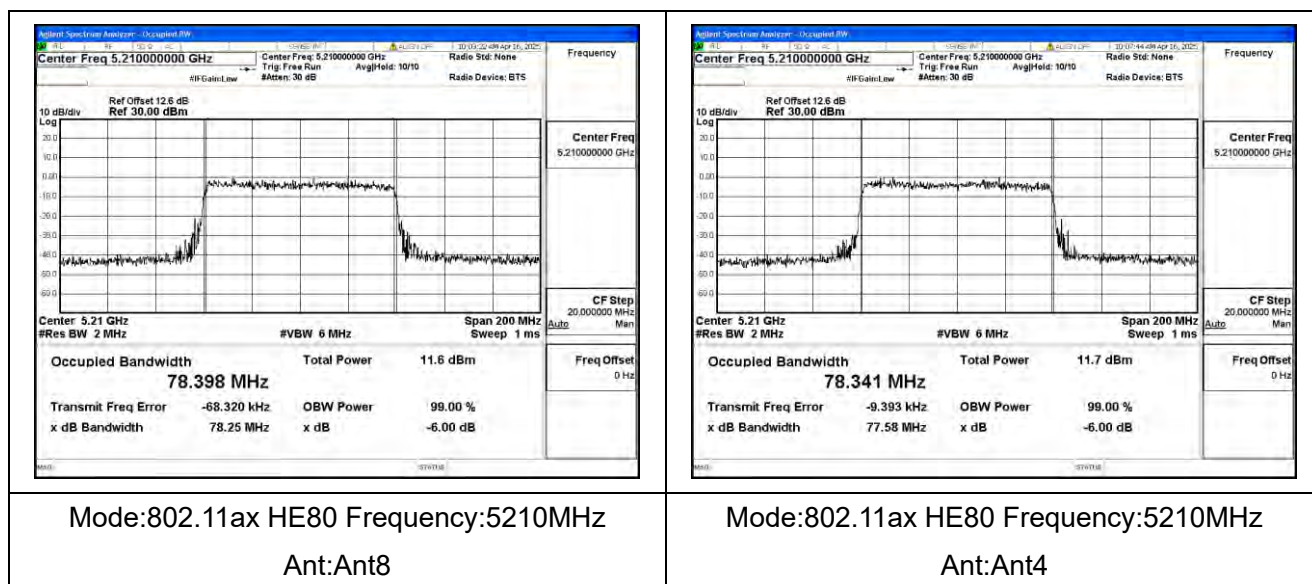




Test Mode: 802.11ac VHT80

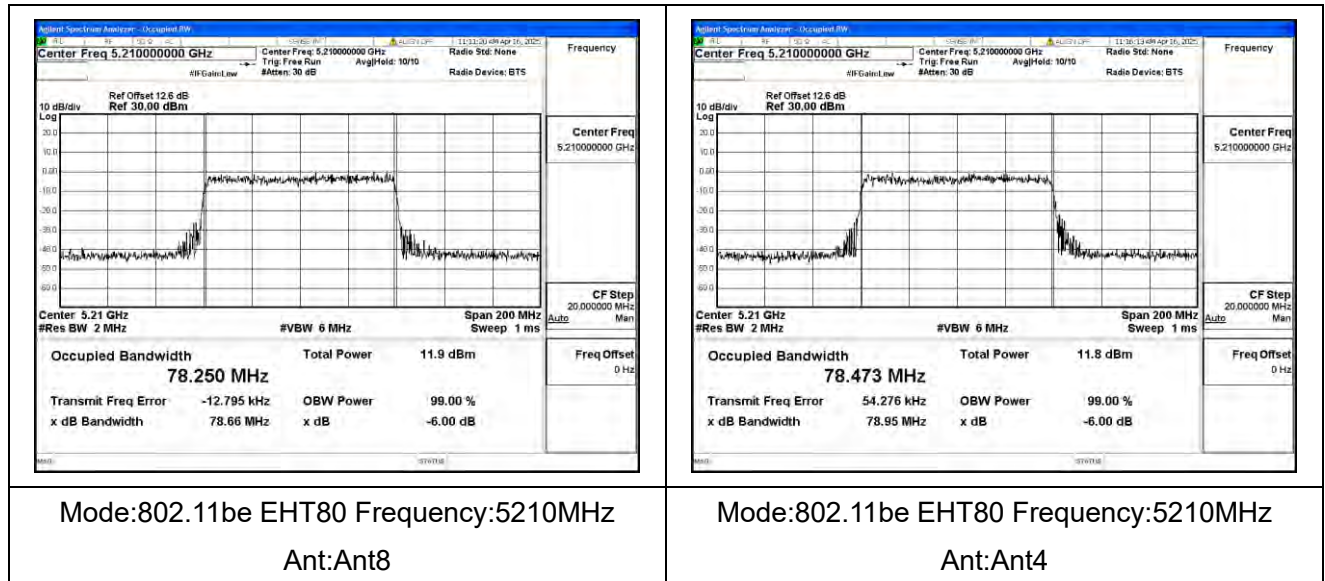


Test Mode: 802.11ax HE80

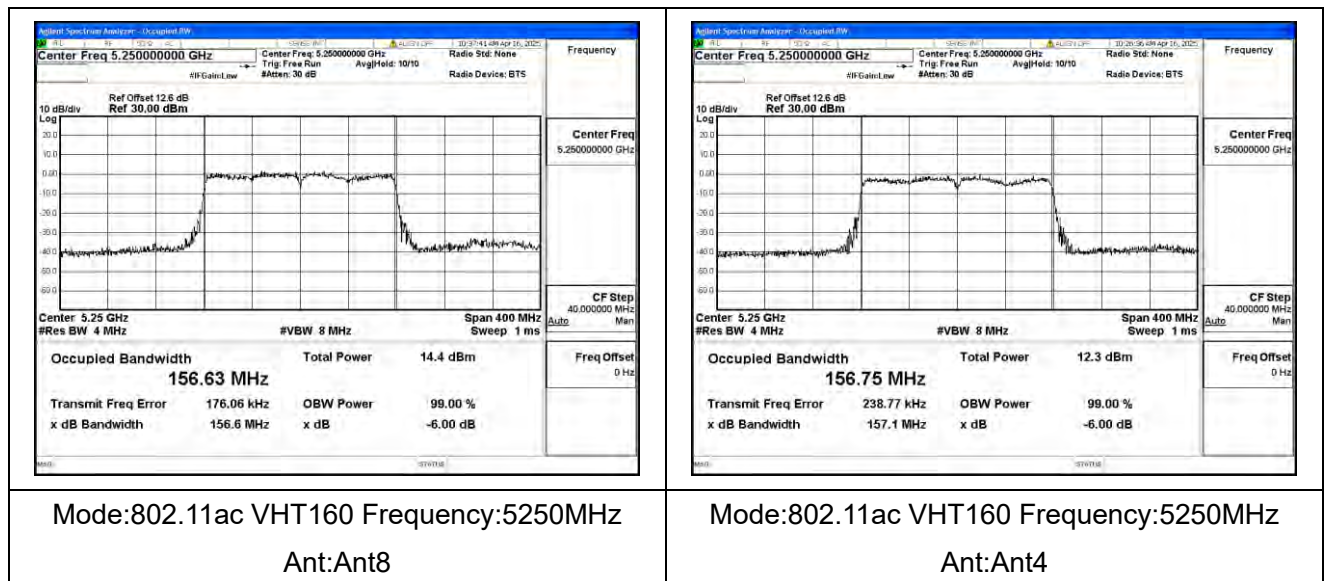




Test Mode: 802.11be EHT80



Test Mode: 802.11ac VHT160

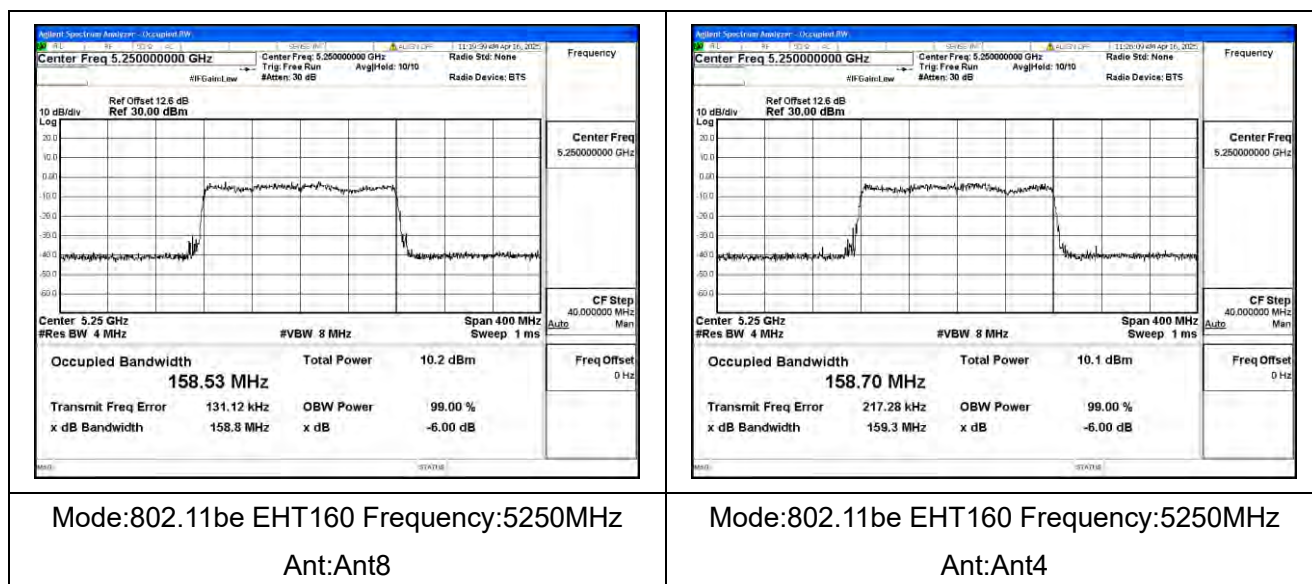




Test Mode: 802.11ax HE160



Test Mode: 802.11be EHT160

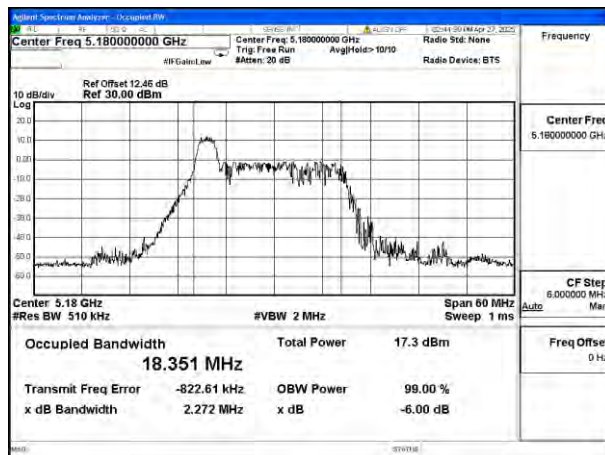




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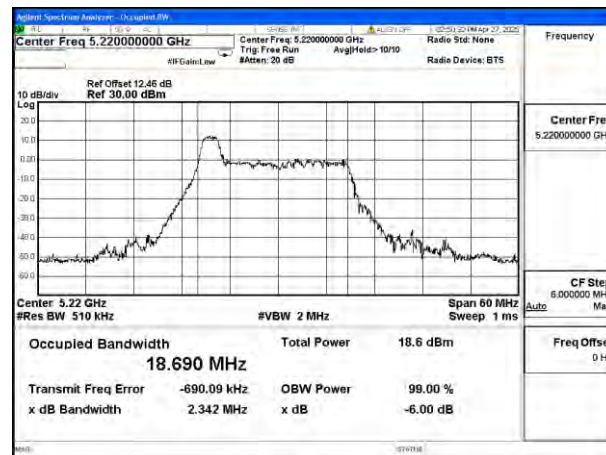
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11ax HE20 26T



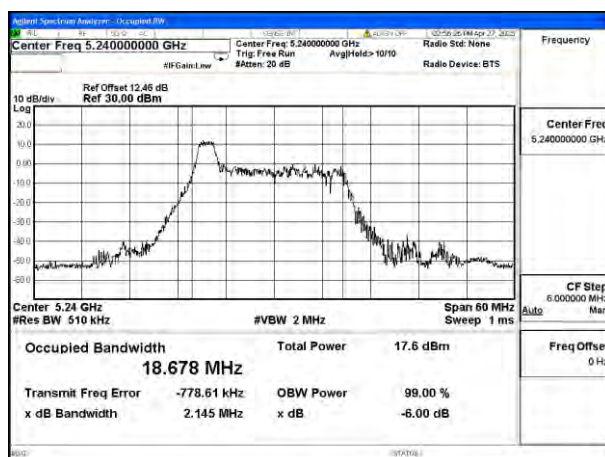
Mode:802.11ax HE20 26T Frequency:5180MHz

Ant:Chain0



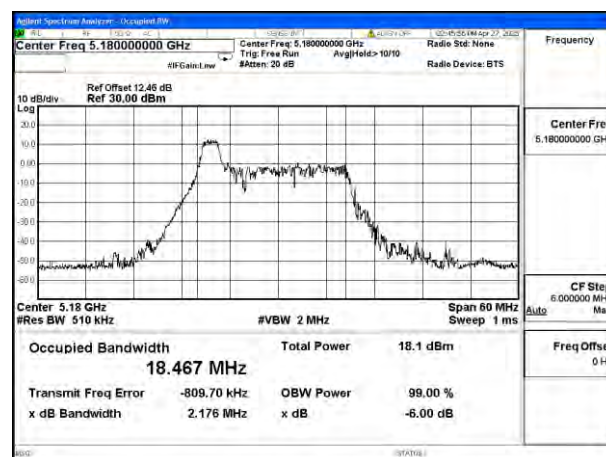
Mode:802.11ax HE20 26T Frequency:5220MHz

Ant:Chain0



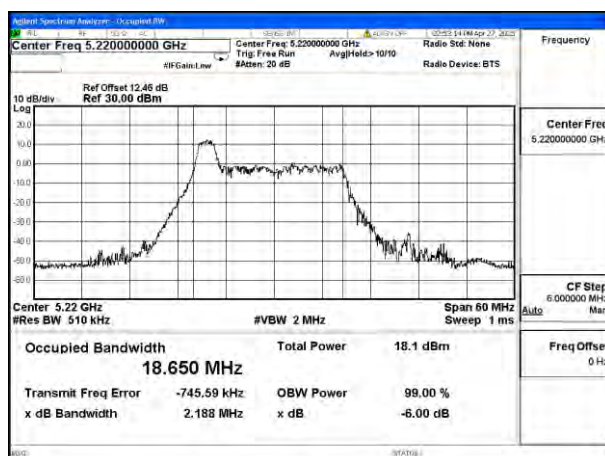
Mode:802.11ax HE20 26T Frequency:5240MHz

Ant:Chain0



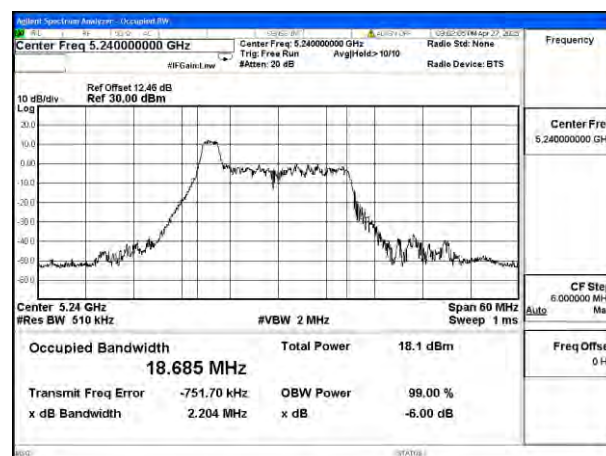
Mode:802.11ax HE20 26T Frequency:5180MHz

Ant:Chain1



Mode:802.11ax HE20 26T Frequency:5220MHz

Ant:Chain1



Mode:802.11ax HE20 26T Frequency:5240MHz

Ant:Chain1

Transmitter Power Spectral Density

Offset 12.6dB = 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	Ant8	NA	-0.6	-2.541	-0.6	-2.436	-0.6	-2.566
802.11a	Ant4	NA	-2.9	-2.471	-2.9	-2.388	-2.9	-2.642
802.11n HT20	Ant8	NA	-0.6	-2.394	-0.6	-2.377	-0.6	-2.542
802.11n HT20	Ant4	NA	-2.9	-2.430	-2.9	-2.365	-2.9	-2.558
802.11n HT20	MIMO	NA	-1.6	0.598	-1.6	0.639	-1.6	0.460
802.11ac VHT20	Ant8	NA	-0.6	-2.541	-0.6	-2.469	-0.6	-2.621
802.11ac VHT20	Ant4	NA	-2.9	-2.465	-2.9	-2.459	-2.9	-2.588
802.11ac VHT20	MIMO	NA	-1.6	0.507	-1.6	0.546	-1.6	0.406
802.11ax HE20	Ant8	26T	-0.6	6.875	-0.6	6.743	-0.6	6.765
802.11ax HE20	Ant4	26T	-2.9	6.880	-2.9	6.717	-2.9	6.740
802.11ax HE20	MIMO	26T	-1.6	9.888	-1.6	9.740	-1.6	9.763
802.11ax HE20	Ant8	52T	-0.6	3.923	-0.6	3.850	-0.6	3.794
802.11ax HE20	Ant4	52T	-2.9	3.926	-2.9	3.868	-2.9	3.806
802.11ax HE20	MIMO	52T	-1.6	6.935	-1.6	6.869	-1.6	6.810
802.11ax	Ant8	106T	-0.6	0.903	-0.6	0.832	-0.6	0.767



HE20								
802.11ax HE20	Ant4	106T	-2.9	0.971	-2.9	0.896	-2.9	0.859
802.11ax HE20	MIMO	106T	-1.6	3.947	-1.6	3.874	-1.6	3.824
802.11ax HE20	Ant8	242T	-0.6	-3.502	-0.6	-3.431	-0.6	-3.716
802.11ax HE20	Ant4	242T	-2.9	-3.486	-2.9	-3.391	-2.9	-3.755
802.11ax HE20	MIMO	242T	-1.6	-0.484	-1.6	-0.401	-1.6	-0.725
802.11be EHT20	Ant8	26T	-0.6	6.938	-0.6	6.733	-0.6	6.762
802.11be EHT20	Ant4	26T	-2.9	6.775	-2.9	6.653	-2.9	6.746
802.11be EHT20	MIMO	26T	-1.6	9.868	-1.6	9.703	-1.6	9.764
802.11be EHT20	Ant8	52T	-0.6	3.982	-0.6	3.819	-0.6	3.774
802.11be EHT20	Ant4	52T	-2.9	3.792	-2.9	3.682	-2.9	3.704
802.11be EHT20	MIMO	52T	-1.6	6.898	-1.6	6.761	-1.6	6.749
802.11be EHT20	Ant8	106T	-0.6	0.903	-0.6	0.814	-0.6	0.885
802.11be EHT20	Ant4	106T	-2.9	0.850	-2.9	0.725	-2.9	0.811
802.11be EHT20	MIMO	106T	-1.6	3.887	-1.6	3.780	-1.6	3.858
802.11be EHT20	Ant8	242T	-0.6	-2.814	-0.6	-2.869	-0.6	-3.139
802.11be EHT20	Ant4	242T	-2.9	-2.833	-2.9	-2.979	-2.9	-3.197
802.11be EHT20	MIMO	242T	-1.6	0.187	-1.6	0.087	-1.6	-0.158
802.11be	Ant8	26+52	-0.6	2.084	-0.6	2.035	-0.6	1.789

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EHT20								
802.11be EHT20	Ant4	26+52	-2.9	1.914	-2.9	2.051	-2.9	1.658
802.11be EHT20	MIMO	26+52	-1.6	5.010	-1.6	5.053	-1.6	4.734
802.11be EHT20	Ant8	26+106	-0.6	-0.284	-0.6	0.006	-0.6	-1.061
802.11be EHT20	Ant4	26+106	-2.9	-0.408	-2.9	-0.002	-2.9	-1.091
802.11be EHT20	MIMO	26+106	-1.6	2.665	-1.6	3.012	-1.6	1.934



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	Ant8	NA	-0.6	-5.358	---	---	-0.6	-5.324
802.11n HT40	Ant4	NA	-2.9	-5.461	---	---	-2.9	-5.438
802.11n HT40	MIMO	NA	-1.6	-2.399	---	---	-1.6	-2.370
802.11ac VHT40	Ant8	NA	-0.6	-5.444	---	---	-0.6	-5.474
802.11ac VHT40	Ant4	NA	-2.9	-5.574	---	---	-2.9	-5.520
802.11ac VHT40	MIMO	NA	-1.6	-2.498	---	---	-1.6	-2.487
802.11ax HE40	Ant8	26T	-0.6	6.699	---	---	-0.6	6.576
802.11ax HE40	Ant4	26T	-2.9	6.596	---	---	-2.9	6.450
802.11ax HE40	MIMO	26T	-1.6	9.658	---	---	-1.6	9.524
802.11ax HE40	Ant8	52T	-0.6	3.939	---	---	-0.6	3.745
802.11ax HE40	Ant4	52T	-2.9	3.738	---	---	-2.9	3.722
802.11ax HE40	MIMO	52T	-1.6	6.850	---	---	-1.6	6.744
802.11ax HE40	Ant8	106T	-0.6	0.886	---	---	-0.6	0.812
802.11ax HE40	Ant4	106T	-2.9	0.790	---	---	-2.9	0.781
802.11ax HE40	MIMO	106T	-1.6	3.849	---	---	-1.6	3.807



802.11ax HE40	Ant8	242T	-0.6	-2.810	---	---	-0.6	-2.819
802.11ax HE40	Ant4	242T	-2.9	-2.986	---	---	-2.9	-2.975
802.11ax HE40	MIMO	242T	-1.6	0.113	---	---	-1.6	0.114
802.11ax HE40	Ant8	484T	-0.6	-8.825	---	---	-0.6	-8.841
802.11ax HE40	Ant4	484T	-2.9	-8.936	---	---	-2.9	-9.005
802.11ax HE40	MIMO	484T	-1.6	-5.870	---	---	-1.6	-5.912
802.11be EHT40	Ant8	26T	-0.6	6.801	---	---	-0.6	6.602
802.11be EHT40	Ant4	26T	-2.9	6.704	---	---	-2.9	6.522
802.11be EHT40	MIMO	26T	-1.6	9.763	---	---	-1.6	9.572
802.11be EHT40	Ant8	52T	-0.6	3.826	---	---	-0.6	3.799
802.11be EHT40	Ant4	52T	-2.9	3.667	---	---	-2.9	3.723
802.11be EHT40	MIMO	52T	-1.6	6.758	---	---	-1.6	6.771
802.11be EHT40	Ant8	106T	-0.6	0.744	---	---	-0.6	0.751
802.11be EHT40	Ant4	106T	-2.9	0.774	---	---	-2.9	0.756
802.11be EHT40	MIMO	106T	-1.6	3.769	---	---	-1.6	3.764
802.11be EHT40	Ant8	242T	-0.6	-2.933	---	---	-0.6	-2.881
802.11be EHT40	Ant4	242T	-2.9	-3.040	---	---	-2.9	-2.902
802.11be EHT40	MIMO	242T	-1.6	0.024	---	---	-1.6	0.119



802.11be EHT40	Ant8	484T	-0.6	-8.640	---	---	-0.6	-8.624
802.11be EHT40	Ant4	484T	-2.9	-8.789	---	---	-2.9	-8.708
802.11be EHT40	MIMO	484T	-1.6	-5.704	---	---	-1.6	-5.655
802.11be EHT40	Ant8	26+52	-0.6	-0.898	---	---	-0.6	-0.772
802.11be EHT40	Ant4	26+52	-2.9	-0.869	---	---	-2.9	-0.908
802.11be EHT40	MIMO	26+52	-1.6	2.127	---	---	-1.6	2.171
802.11be EHT40	Ant8	26+106	-0.6	-3.019	---	---	-0.6	-3.054
802.11be EHT40	Ant4	26+106	-2.9	-3.145	---	---	-2.9	-3.094
802.11be EHT40	MIMO	26+106	-1.6	-0.071	---	---	-1.6	-0.064



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	Ant8	NA	-0.6	-8.548	---	---	---	---
802.11ac VHT80	Ant4	NA	-2.9	-8.699	---	---	---	---
802.11ac VHT80	MIMO	NA	-1.6	-5.613	---	---	---	---
802.11ax HE80	Ant8	26T	-0.6	6.395	---	---	---	---
802.11ax HE80	Ant4	26T	-2.9	6.315	---	---	---	---
802.11ax HE80	MIMO	26T	-1.6	9.365	---	---	---	---
802.11ax HE80	Ant8	52T	-0.6	3.750	---	---	---	---
802.11ax HE80	Ant4	52T	-2.9	3.687	---	---	---	---
802.11ax HE80	MIMO	52T	-1.6	6.729	---	---	---	---
802.11ax HE80	Ant8	106T	-0.6	0.706	---	---	---	---
802.11ax HE80	Ant4	106T	-2.9	0.586	---	---	---	---
802.11ax HE80	MIMO	106T	-1.6	3.657	---	---	---	---
802.11ax HE80	Ant8	242T	-0.6	-2.969	---	---	---	---
802.11ax HE80	Ant4	242T	-2.9	-3.053	---	---	---	---
802.11ax	MIMO	242T	-1.6	0.000	---	---	---	---



HE80								
802.11ax HE80	Ant8	484T	-0.6	-8.627	---	---	---	---
802.11ax HE80	Ant4	484T	-2.9	-8.693	---	---	---	---
802.11ax HE80	MIMO	484T	-1.6	-5.650	---	---	---	---
802.11ax HE80	Ant8	996T	-0.6	-11.970	---	---	---	---
802.11ax HE80	Ant4	996T	-2.9	-12.074	---	---	---	---
802.11ax HE80	MIMO	996T	-1.6	-9.011	---	---	---	---
802.11b e EHT80	Ant8	26T	-0.6	6.506	---	---	---	---
802.11b e EHT80	Ant4	26T	-2.9	6.241	---	---	---	---
802.11b e EHT80	MIMO	26T	-1.6	9.386	---	---	---	---
802.11b e EHT80	Ant8	52T	-0.6	3.615	---	---	---	---
802.11b e EHT80	Ant4	52T	-2.9	3.625	---	---	---	---
802.11b e EHT80	MIMO	52T	-1.6	6.630	---	---	---	---
802.11b e EHT80	Ant8	106T	-0.6	0.683	---	---	---	---
802.11b e EHT80	Ant4	106T	-2.9	0.555	---	---	---	---
802.11b e EHT80	MIMO	106T	-1.6	3.630	---	---	---	---
802.11b e EHT80	Ant8	242T	-0.6	-2.846	---	---	---	---
802.11b e EHT80	Ant4	242T	-2.9	-3.114	---	---	---	---
802.11b	MIMO	242T	-1.6	0.032	---	---	---	---



e EHT80								
802.11b e EHT80	Ant8	484T	-0.6	-8.655	---	---	---	---
802.11b e EHT80	Ant4	484T	-2.9	-8.779	---	---	---	---
802.11b e EHT80	MIMO	484T	-1.6	-5.706	---	---	---	---
802.11b e EHT80	Ant8	996T	-0.6	-11.730	---	---	---	---
802.11b e EHT80	Ant4	996T	-2.9	-11.870	---	---	---	---
802.11b e EHT80	MIMO	996T	-1.6	-8.789	---	---	---	---
802.11b e EHT80	Ant8	26+52	-0.6	-0.927	---	---	---	---
802.11b e EHT80	Ant4	26+52	-2.9	-1.033	---	---	---	---
802.11b e EHT80	MIMO	26+52	-1.6	2.031	---	---	---	---
802.11b e EHT80	Ant8	242+48 4	-0.6	-10.284	---	---	---	---
802.11b e EHT80	Ant4	242+48 4	-2.9	-10.334	---	---	---	---
802.11b e EHT80	MIMO	242+48 4	-1.6	-7.299	---	---	---	---



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	Ant8	NA	-0.6	-12.048	---	---	---	---
802.11ac VHT160	Ant4	NA	-2.9	-12.162	---	---	---	---
802.11ac VHT160	MIMO	NA	-1.6	-9.094	---	---	---	---
802.11ax HE160	Ant8	52T	-0.6	3.249	---	---	---	---
802.11ax HE160	Ant4	52T	-2.9	3.292	---	---	---	---
802.11ax HE160	MIMO	52T	-1.6	6.281	---	---	---	---
802.11ax HE160	Ant8	106T	-0.6	0.543	---	---	---	---
802.11ax HE160	Ant4	106T	-2.9	0.391	---	---	---	---
802.11ax HE160	MIMO	106T	-1.6	3.478	---	---	---	---
802.11ax HE160	Ant8	242T	-0.6	-3.235	---	---	---	---
802.11ax HE160	Ant4	242T	-2.9	-3.219	---	---	---	---
802.11ax HE160	MIMO	242T	-1.6	-0.217	---	---	---	---
802.11ax HE160	Ant8	484T	-0.6	-6.054	---	---	---	---
802.11ax HE160	Ant4	484T	-2.9	-6.080	---	---	---	---
802.11ax HE160	MIMO	484T	-1.6	-3.057	---	---	---	---



HE160								
802.11ax HE160	Ant8	996T	-0.6	-9.017	---	---	---	---
802.11ax HE160	Ant4	996T	-2.9	-8.991	---	---	---	---
802.11ax HE160	MIMO	996T	-1.6	-5.994	---	---	---	---
802.11ax HE160	Ant8	1992T	-0.6	-11.887	---	---	---	---
802.11ax HE160	Ant4	1992T	-2.9	-11.891	---	---	---	---
802.11ax HE160	MIMO	1992T	-1.6	-8.879	---	---	---	---
802.11be EHT160	Ant8	26T	-0.6	6.089	---	---	---	---
802.11be EHT160	Ant4	26T	-2.9	5.653	---	---	---	---
802.11be EHT160	MIMO	26T	-1.6	8.887	---	---	---	---
802.11be EHT160	Ant8	52T	-0.6	3.235	---	---	---	---
802.11be EHT160	Ant4	52T	-2.9	3.311	---	---	---	---
802.11be EHT160	MIMO	52T	-1.6	6.283	---	---	---	---
802.11be EHT160	Ant8	106T	-0.6	0.446	---	---	---	---
802.11be EHT160	Ant4	106T	-2.9	0.500	---	---	---	---
802.11be EHT160	MIMO	106T	-1.6	3.483	---	---	---	---
802.11be EHT160	Ant8	242T	-0.6	-3.268	---	---	---	---
802.11be EHT160	Ant4	242T	-2.9	-3.244	---	---	---	---
802.11be EHT160	MIMO	242T	-1.6	-0.246	---	---	---	---



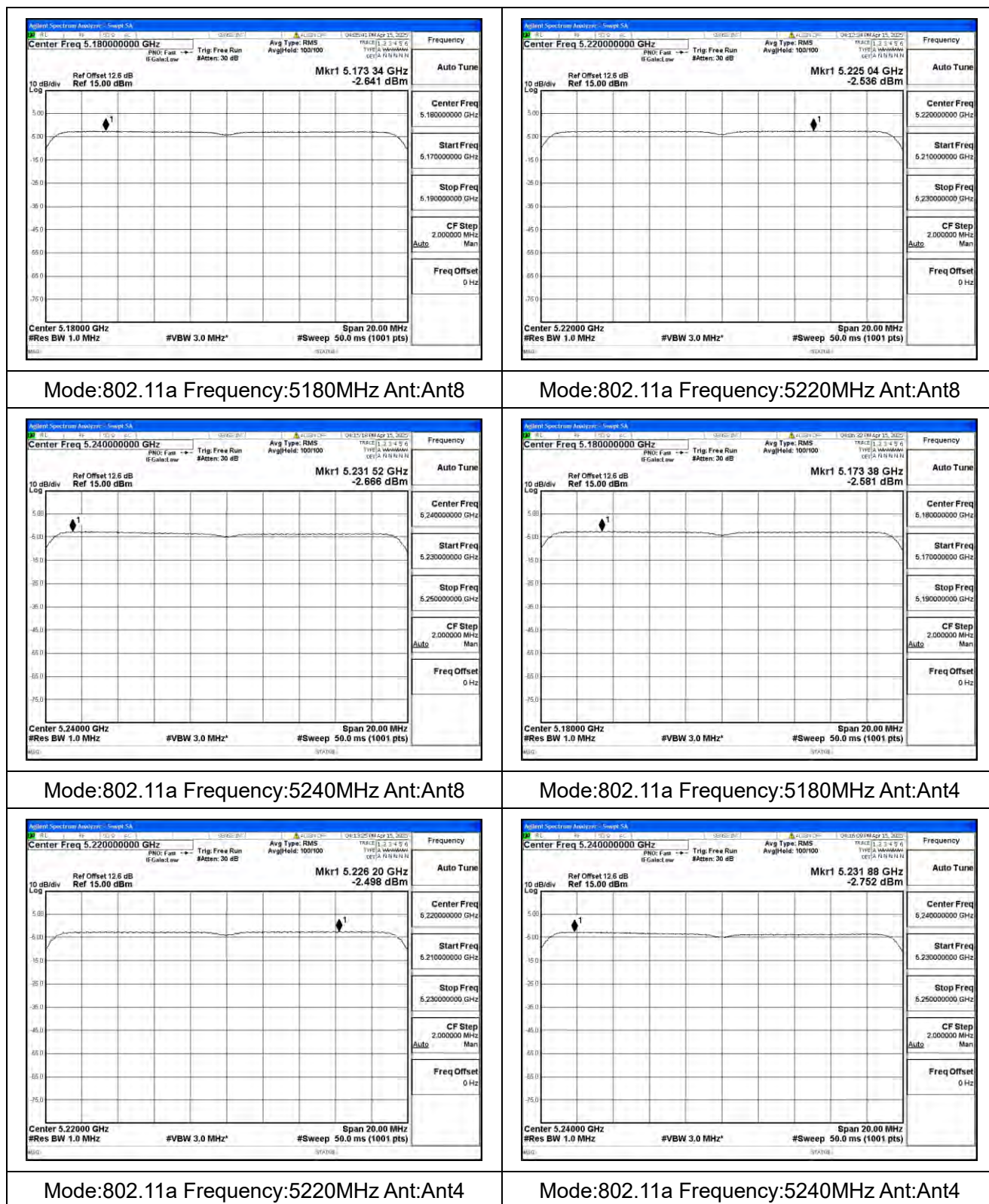
EHT160								
802.11be EHT160	Ant8	484T	-0.6	-6.110	---	---	---	---
802.11be EHT160	Ant4	484T	-2.9	-6.081	---	---	---	---
802.11be EHT160	MIMO	484T	-1.6	-3.085	---	---	---	---
802.11be EHT160	Ant8	996T	-0.6	-8.961	---	---	---	---
802.11be EHT160	Ant4	996T	-2.9	-9.061	---	---	---	---
802.11be EHT160	MIMO	996T	-1.6	-6.000	---	---	---	---
802.11be EHT160	Ant8	1992T	-0.6	-12.531	---	---	---	---
802.11be EHT160	Ant4	1992T	-2.9	-12.651	---	---	---	---
802.11be EHT160	MIMO	1992T	-1.6	-9.580	---	---	---	---
802.11be EHT160	Ant8	484+996	-0.6	-10.872	---	---	---	---
802.11be EHT160	Ant4	484+996	-2.9	-10.950	---	---	---	---
802.11be EHT160	MIMO	484+996	-1.6	-7.901	---	---	---	---
802.11be EHT160	Ant8	242+484+ 996	-0.6	-10.895	---	---	---	---
802.11be EHT160	Ant4	242+484+ 996	-2.9	-10.923	---	---	---	---
802.11be EHT160	MIMO	242+484+ 996	-1.6	-7.899	---	---	---	---



BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11a

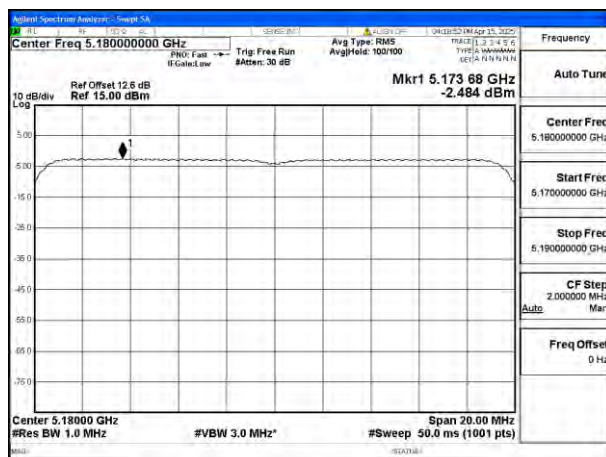




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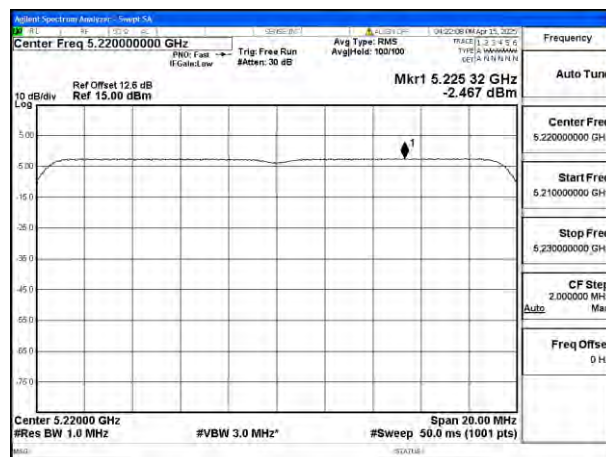
Test Report No.: PSU-NQN2504150110RF08

Test Mode: 802.11n HT20



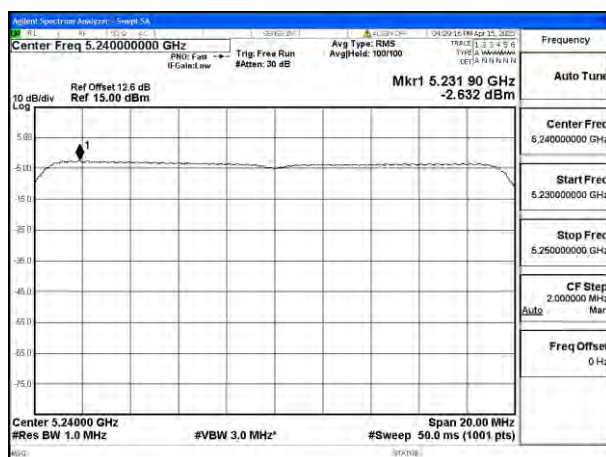
Mode:802.11n HT20 Frequency:5180MHz

Ant:Ant8



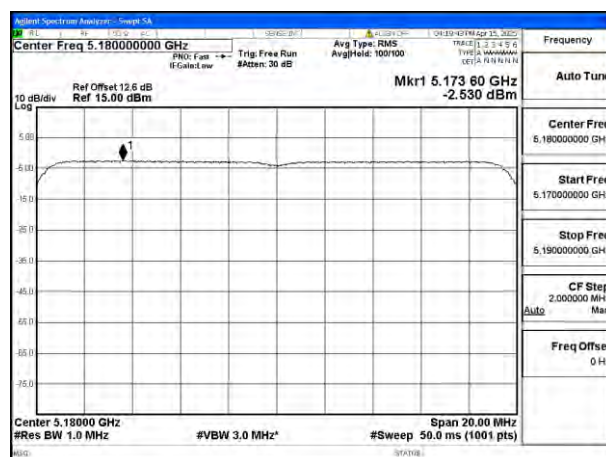
Mode:802.11n HT20 Frequency:5220MHz

Ant:Ant8



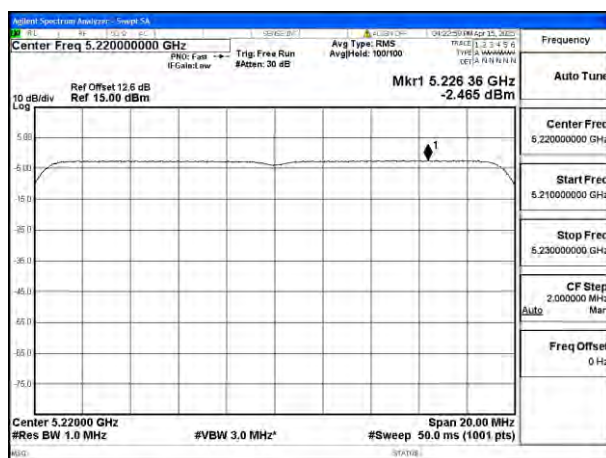
Mode:802.11n HT20 Frequency:5240MHz

Ant:Ant8



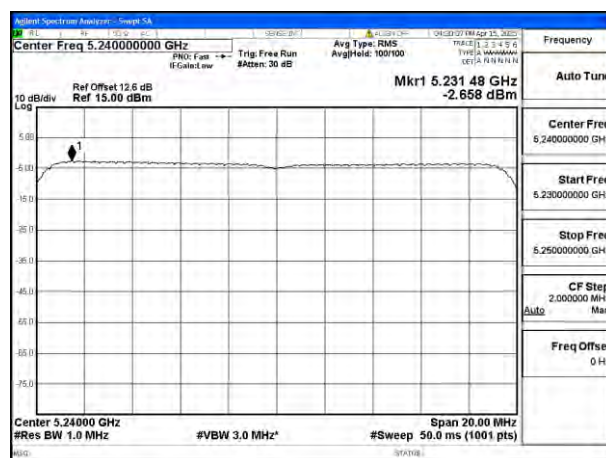
Mode:802.11n HT20 Frequency:5180MHz

Ant:Ant4



Mode:802.11n HT20 Frequency:5220MHz

Ant:Ant4



Mode:802.11n HT20 Frequency:5240MHz

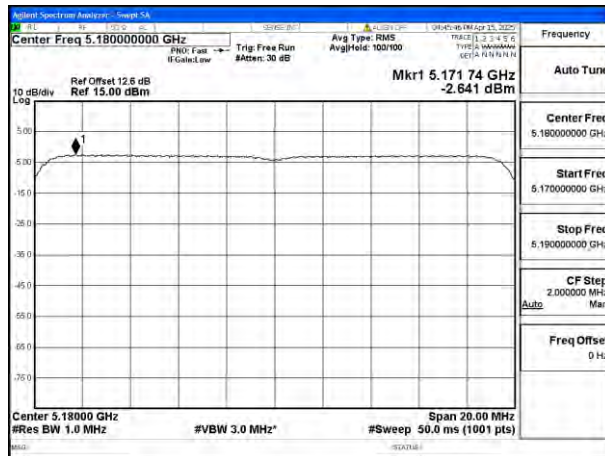
Ant:Ant4



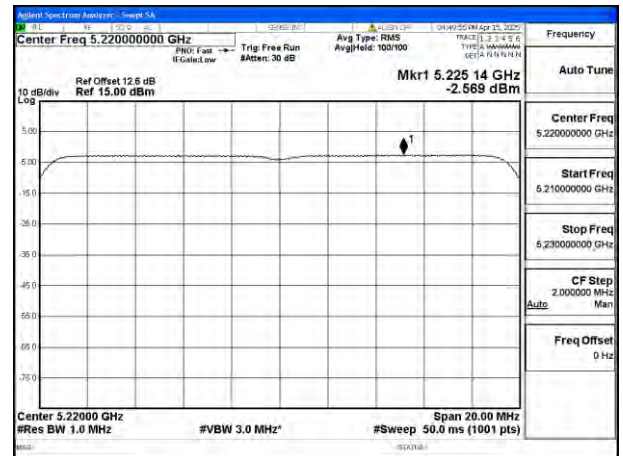
BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF08

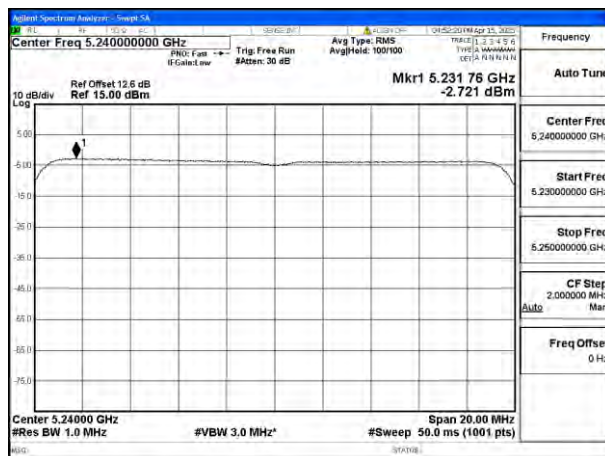
Test Mode: 802.11ac VHT20



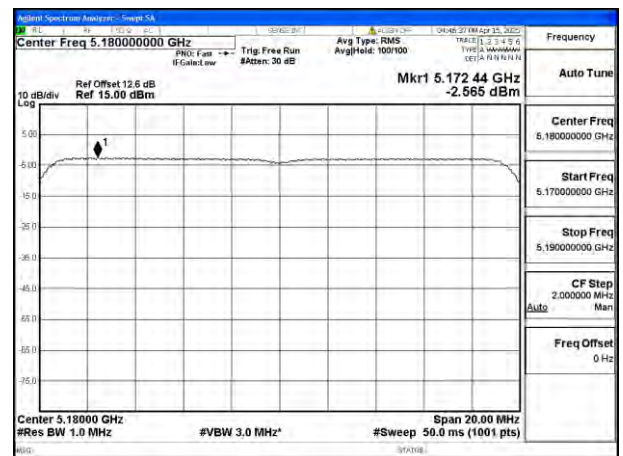
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Ant8



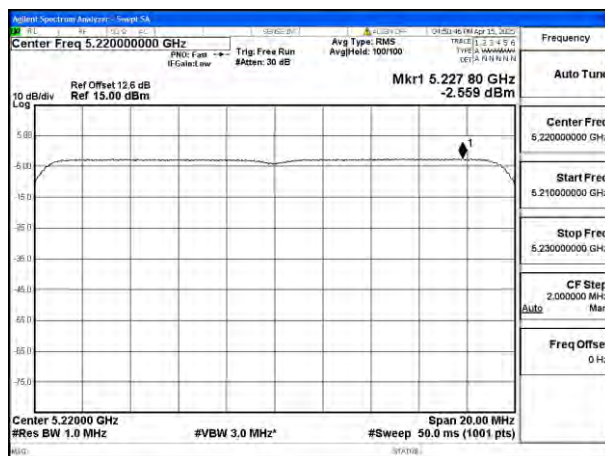
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Ant8



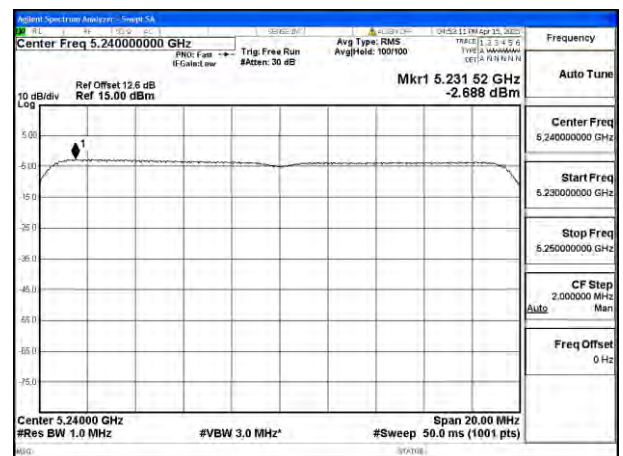
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Ant8



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Ant4



Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Ant4



Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Ant4