

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)
802.11a	5500	98.76%	0.05
802.11n HT20	5500	99.48%	0.02
802.11n HT40	5510	99.50%	0.02
802.11ac VHT80	5530	99.43%	0.02
802.11ac VHT160	5570	99.44%	0.02
802.11ax HE20	5500	99.47%	0.02
802.11ax HE40	5510	99.46%	0.02
802.11ax HE80	5530	99.54%	0.02
802.11ax HE160	5570	99.48%	0.02

Output Power NII2C

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5500	Ant7	10.54	10.44
			Ant8	11.11	11.51
		5580	Ant7	10.48	10.38
			Ant8	10.96	11.36
		5700	Ant7	10.85	10.75
			Ant8	11.82	12.22
		5720	Ant7	10.13	10.03
			Ant8	10.54	10.94
802.11n20M		5500	Ant7	10.63	10.53
			Ant8	10.91	11.31
			Ant7+Ant8	13.78	13.95
		5580	Ant7	10.68	10.58
			Ant8	10.87	11.27
			Ant7+Ant8	13.79	13.95
		5700	Ant7	11.02	10.92
			Ant8	11.64	12.04
			Ant7+Ant8	14.35	14.53
		5720	Ant7	10.04	9.94
			Ant8	10.45	10.85
			Ant7+Ant8	13.26	13.43
802.11n40M		5510	Ant7	10.76	10.66
			Ant8	10.84	11.24
			Ant7+Ant8	13.81	13.97
		5590	Ant7	10.66	10.56
	Ant8		10.83	11.23	
	Ant7+Ant8		13.76	13.92	
	5670	Ant7	11.04	10.94	
		Ant8	11.35	11.75	
		Ant7+Ant8	14.21	14.37	
	5710	Ant7	10.20	10.10	
		Ant8	10.52	10.92	
		Ant7+Ant8	13.37	13.54	
802.11ac80M	5530	Ant7	11.00	10.90	
		Ant8	10.60	11.00	

			Ant7+Ant8	13.81	13.96	
		5610	Ant7	10.90	10.80	
			Ant8	10.60	11.00	
			Ant7+Ant8	13.76	13.91	
		5690	Ant7	10.14	10.04	
			Ant8	10.53	10.93	
			Ant7+Ant8	13.35	13.52	
		802.11ac160M	5570	Ant7	11.32	11.22
				Ant8	10.81	11.21
				Ant7+Ant8	14.08	14.23

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax20M	26T/0	5500	Ant7	7.12	7.02
			Ant8	7.07	7.47
			Ant7+Ant8	10.11	10.26
		5580	Ant7	7.06	6.96
			Ant8	6.99	7.39
			Ant7+Ant8	10.04	10.19
		5700	Ant7	7.38	7.28
			Ant8	7.71	8.11
			Ant7+Ant8	10.56	10.73
		5720	Ant7	6.44	6.34
			Ant8	7.16	7.56
			Ant7+Ant8	9.83	10.00
	26T/4	5500	Ant7	6.65	6.55
			Ant8	6.66	7.06
			Ant7+Ant8	9.67	9.82
		5580	Ant7	6.58	6.48
			Ant8	6.45	6.85
			Ant7+Ant8	9.53	9.68
		5700	Ant7	6.97	6.87
			Ant8	7.16	7.56
			Ant7+Ant8	10.08	10.24
		5720	Ant7	6.03	5.93
			Ant8	6.68	7.08
			Ant7+Ant8	9.38	9.55
	26T/8	5500	Ant7	7.04	6.94
			Ant8	6.95	7.35
			Ant7+Ant8	10.01	10.16
		5580	Ant7	7.04	6.94
			Ant8	6.83	7.23
			Ant7+Ant8	9.95	10.10
		5700	Ant7	7.41	7.31
			Ant8	7.59	7.99
			Ant7+Ant8	10.51	10.67
		5720	Ant7	6.48	6.38
			Ant8	7.02	7.42
			Ant7+Ant8	9.77	9.94

	52T/37	5500	Ant7	6.77	6.67
			Ant8	6.84	7.24
			Ant7+Ant8	9.82	9.97
		5580	Ant7	6.83	6.73
			Ant8	6.82	7.22
			Ant7+Ant8	9.84	9.99
		5700	Ant7	7.24	7.14
			Ant8	7.51	7.91
			Ant7+Ant8	10.39	10.55
		5720	Ant7	6.38	6.28
			Ant8	6.98	7.38
			Ant7+Ant8	9.70	9.88
	52T/39	5500	Ant7	6.62	6.52
			Ant8	6.65	7.05
			Ant7+Ant8	9.65	9.80
		5580	Ant7	6.71	6.61
			Ant8	6.49	6.89
			Ant7+Ant8	9.61	9.76
		5700	Ant7	7.02	6.92
			Ant8	7.27	7.67
			Ant7+Ant8	10.16	10.32
		5720	Ant7	6.17	6.07
			Ant8	6.63	7.03
			Ant7+Ant8	9.42	9.59
	52T/40	5500	Ant7	6.60	6.50
			Ant8	6.96	7.36
			Ant7+Ant8	9.79	9.96
		5580	Ant7	6.99	6.89
			Ant8	6.75	7.15
			Ant7+Ant8	9.88	10.03
		5700	Ant7	7.20	7.10
			Ant8	7.45	7.85
			Ant7+Ant8	10.34	10.50
		5720	Ant7	6.38	6.28
			Ant8	6.79	7.19
			Ant7+Ant8	9.60	9.77
	106T/53	5500	Ant7	6.71	6.61
			Ant8	7.07	7.47
			Ant7+Ant8	9.90	10.07

		5580	Ant7	6.96	6.86
			Ant8	6.79	7.19
			Ant7+Ant8	9.89	10.04
		5700	Ant7	7.22	7.12
			Ant8	7.48	7.88
			Ant7+Ant8	10.36	10.53
		5720	Ant7	6.38	6.28
			Ant8	6.88	7.28
			Ant7+Ant8	9.65	9.82
	106T/54	5500	Ant7	6.72	6.62
			Ant8	6.91	7.31
			Ant7+Ant8	9.83	9.99
		5580	Ant7	6.92	6.82
			Ant8	6.78	7.18
			Ant7+Ant8	9.86	10.01
		5700	Ant7	7.30	7.20
			Ant8	7.41	7.81
			Ant7+Ant8	10.37	10.53
		5720	Ant7	6.49	6.39
			Ant8	6.78	7.18
			Ant7+Ant8	9.65	9.81
	242T/61	5500	Ant7	10.94	10.84
			Ant8	10.75	11.15
			Ant7+Ant8	13.86	14.01
		5580	Ant7	10.89	10.79
			Ant8	10.82	11.22
			Ant7+Ant8	13.87	14.02
		5700	Ant7	11.16	11.06
			Ant8	11.63	12.03
			Ant7+Ant8	14.41	14.58
		5720	Ant7	10.16	10.06
			Ant8	10.54	10.94
			Ant7+Ant8	13.36	13.53

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax40M	26T/0	5510	Ant7	6.92	6.82
			Ant8	7.06	7.46
			Ant7+Ant8	10.00	10.16

		5670	Ant7	7.33	7.23
			Ant8	7.76	8.16
			Ant7+Ant8	10.56	10.73
		5710	Ant7	6.28	6.18
			Ant8	7.23	7.63
			Ant7+Ant8	9.79	9.98
	26T/10	5510	Ant7	6.76	6.66
			Ant8	6.74	7.14
			Ant7+Ant8	9.76	9.92
		5670	Ant7	7.29	7.19
			Ant8	7.55	7.95
			Ant7+Ant8	10.43	10.60
		5710	Ant7	6.05	5.95
			Ant8	6.91	7.31
			Ant7+Ant8	9.51	9.69
	26T/17	5510	Ant7	6.96	6.86
			Ant8	6.83	7.23
			Ant7+Ant8	9.91	10.06
		5670	Ant7	7.40	7.30
			Ant8	7.69	8.09
			Ant7+Ant8	10.56	10.72
		5710	Ant7	6.26	6.16
			Ant8	7.01	7.41
			Ant7+Ant8	9.66	9.84
	52T/37	5510	Ant7	6.91	6.81
			Ant8	7.13	7.53
			Ant7+Ant8	10.03	10.20
		5670	Ant7	7.44	7.34
			Ant8	7.85	8.25
			Ant7+Ant8	10.66	10.83
		5710	Ant7	6.38	6.28
			Ant8	7.29	7.69
			Ant7+Ant8	9.87	10.05
	52T/41	5510	Ant7	6.74	6.64
			Ant8	6.75	7.15
			Ant7+Ant8	9.76	9.91
		5670	Ant7	7.29	7.19
			Ant8	7.59	7.99
			Ant7+Ant8	10.45	10.62

		5710	Ant7	6.13	6.03
			Ant8	7.04	7.44
			Ant7+Ant8	9.62	9.80
	52T/44	5510	Ant7	6.97	6.87
			Ant8	6.88	7.28
			Ant7+Ant8	9.94	10.09
		5670	Ant7	7.44	7.34
			Ant8	7.76	8.16
			Ant7+Ant8	10.61	10.78
		5710	Ant7	6.31	6.21
			Ant8	7.12	7.52
			Ant7+Ant8	9.74	9.92
	106T/53	5510	Ant7	7.11	7.01
			Ant8	7.01	7.41
			Ant7+Ant8	10.07	10.22
		5670	Ant7	7.33	7.23
			Ant8	7.89	8.29
			Ant7+Ant8	10.63	10.80
		5710	Ant7	6.40	6.30
			Ant8	7.30	7.70
			Ant7+Ant8	9.88	10.07
	106T/55	5510	Ant7	6.93	6.83
			Ant8	6.78	7.18
			Ant7+Ant8	9.87	10.02
		5670	Ant7	7.23	7.13
			Ant8	7.68	8.08
			Ant7+Ant8	10.47	10.64
		5710	Ant7	6.28	6.18
			Ant8	7.09	7.49
			Ant7+Ant8	9.71	9.89
	106T/56	5510	Ant7	7.08	6.98
			Ant8	6.91	7.31
			Ant7+Ant8	10.01	10.16
		5670	Ant7	7.37	7.27
			Ant8	7.77	8.17
			Ant7+Ant8	10.58	10.75
		5710	Ant7	6.37	6.27
			Ant8	7.14	7.54
			Ant7+Ant8	9.78	9.96

	242T/61	5510	Ant7	6.93	6.83
			Ant8	6.95	7.35
			Ant7+Ant8	9.95	10.11
		5670	Ant7	7.18	7.08
			Ant8	7.72	8.12
			Ant7+Ant8	10.47	10.64
		5710	Ant7	6.25	6.15
			Ant8	7.16	7.56
			Ant7+Ant8	9.74	9.92
	242T/62	5510	Ant7	6.94	6.84
			Ant8	6.77	7.17
			Ant7+Ant8	9.87	10.02
		5670	Ant7	7.26	7.16
			Ant8	7.59	7.99
			Ant7+Ant8	10.44	10.61
		5710	Ant7	6.19	6.09
			Ant8	7.04	7.44
			Ant7+Ant8	9.65	9.83
	484T/65	5510	Ant7	10.99	10.89
			Ant8	11.26	11.66
			Ant7+Ant8	14.14	14.30
		5670	Ant7	11.44	11.34
			Ant8	11.68	12.08
			Ant7+Ant8	14.57	14.74
		5710	Ant7	10.08	9.98
			Ant8	10.48	10.88
			Ant7+Ant8	13.29	13.46

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax80M	26T/0	5530	Ant7	7.23	7.13
			Ant8	7.29	7.69
			Ant7+Ant8	10.27	10.43
		5610	Ant7	6.95	6.85
			Ant8	7.50	7.90
			Ant7+Ant8	10.24	10.42
		5690	Ant7	6.55	6.45
			Ant8	6.97	7.37
			Ant7+Ant8	9.78	9.94

	26T/18	5530	Ant7	7.10	7.00
			Ant8	6.92	7.32
			Ant7+Ant8	10.02	10.17
		5610	Ant7	7.00	6.90
			Ant8	7.19	7.59
			Ant7+Ant8	10.11	10.27
		5690	Ant7	6.37	6.27
			Ant8	6.74	7.14
			Ant7+Ant8	9.57	9.74
	26T/36	5530	Ant7	7.37	7.27
			Ant8	6.90	7.30
			Ant7+Ant8	10.15	10.30
		5610	Ant7	7.34	7.24
			Ant8	7.40	7.80
			Ant7+Ant8	10.38	10.54
		5690	Ant7	6.43	6.33
			Ant8	6.69	7.09
			Ant7+Ant8	9.57	9.74
	52T/37	5530	Ant7	7.25	7.15
			Ant8	7.27	7.67
			Ant7+Ant8	10.27	10.43
		5610	Ant7	7.02	6.92
			Ant8	7.56	7.96
			Ant7+Ant8	10.31	10.48
		5690	Ant7	6.56	6.46
			Ant8	7.06	7.46
			Ant7+Ant8	9.83	10.00
	52T/45	5530	Ant7	7.11	7.01
			Ant8	6.90	7.30
			Ant7+Ant8	10.02	10.17
		5610	Ant7	7.02	6.92
			Ant8	7.29	7.69
			Ant7+Ant8	10.17	10.33
		5690	Ant7	6.41	6.31
			Ant8	6.78	7.18
			Ant7+Ant8	9.61	9.78
	52T/52	5530	Ant7	7.38	7.28
			Ant8	6.86	7.26
			Ant7+Ant8	10.14	10.28

		5610	Ant7	7.36	7.26
			Ant8	7.34	7.74
			Ant7+Ant8	10.36	10.52
		5690	Ant7	6.49	6.39
			Ant8	6.72	7.12
			Ant7+Ant8	9.62	9.78
	106T/53	5530	Ant7	7.31	7.21
			Ant8	7.34	7.74
			Ant7+Ant8	10.34	10.49
		5610	Ant7	6.95	6.85
			Ant8	7.49	7.89
			Ant7+Ant8	10.24	10.41
		5690	Ant7	6.56	6.46
			Ant8	6.95	7.35
			Ant7+Ant8	9.77	9.94
	106T/57	5530	Ant7	7.17	7.07
			Ant8	6.97	7.37
			Ant7+Ant8	10.08	10.23
		5610	Ant7	7.01	6.91
			Ant8	7.16	7.56
			Ant7+Ant8	10.10	10.26
		5690	Ant7	6.48	6.38
			Ant8	6.69	7.09
			Ant7+Ant8	9.60	9.76
	106T/60	5530	Ant7	7.32	7.22
			Ant8	6.96	7.36
			Ant7+Ant8	10.15	10.30
		5610	Ant7	7.32	7.22
			Ant8	7.35	7.75
			Ant7+Ant8	10.35	10.50
		5690	Ant7	6.50	6.40
			Ant8	6.68	7.08
			Ant7+Ant8	9.60	9.76
	242T/61	5530	Ant7	7.17	7.07
			Ant8	7.23	7.63
			Ant7+Ant8	10.21	10.37
		5610	Ant7	6.94	6.84
			Ant8	7.40	7.80
			Ant7+Ant8	10.19	10.36

		5690	Ant7	6.53	6.43
			Ant8	6.95	7.35
			Ant7+Ant8	9.76	9.92
	242T/63	5530	Ant7	7.15	7.05
			Ant8	6.92	7.32
			Ant7+Ant8	10.05	10.20
		5610	Ant7	7.08	6.98
			Ant8	7.14	7.54
			Ant7+Ant8	10.12	10.28
		5690	Ant7	6.46	6.36
			Ant8	6.77	7.17
			Ant7+Ant8	9.63	9.79
	242T/64	5530	Ant7	7.23	7.13
			Ant8	6.98	7.38
			Ant7+Ant8	10.12	10.27
		5610	Ant7	7.24	7.14
			Ant8	7.24	7.64
			Ant7+Ant8	10.25	10.41
		5690	Ant7	6.50	6.40
			Ant8	6.74	7.14
			Ant7+Ant8	9.63	9.80
	484T/65	5530	Ant7	7.06	6.96
			Ant8	7.13	7.53
			Ant7+Ant8	10.11	10.26
		5610	Ant7	6.85	6.75
			Ant8	7.15	7.55
			Ant7+Ant8	10.01	10.18
		5690	Ant7	6.48	6.38
			Ant8	6.83	7.23
			Ant7+Ant8	9.67	9.84
	484T/66	5530	Ant7	7.14	7.04
			Ant8	7.04	7.44
			Ant7+Ant8	10.10	10.25
		5610	Ant7	7.11	7.01
			Ant8	7.19	7.59
			Ant7+Ant8	10.16	10.32
		5690	Ant7	6.47	6.37
			Ant8	6.71	7.11
			Ant7+Ant8	9.60	9.77

	996T/67	5530	Ant7	10.19	10.09
			Ant8	10.56	10.96
			Ant7+Ant8	13.39	13.56
		5610	Ant7	10.31	10.21
			Ant8	10.81	11.21
			Ant7+Ant8	13.58	13.75
		5690	Ant7	10.21	10.11
			Ant8	10.61	11.01
			Ant7+Ant8	13.42	13.59

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax160M	26T/L	5570	Ant7	7.43	7.33
			Ant8	7.33	7.73
			Ant7+Ant8	10.39	10.54
	26T/H		Ant7	7.87	7.77
			Ant8	6.99	7.39
			Ant7+Ant8	10.46	10.59
	52T/L		Ant7	7.45	7.35
			Ant8	7.33	7.73
			Ant7+Ant8	10.40	10.55
	52T/H		Ant7	7.84	7.74
			Ant8	6.96	7.36
			Ant7+Ant8	10.43	10.56
	106T/L		Ant7	7.40	7.30
			Ant8	7.37	7.77
			Ant7+Ant8	10.40	10.55
	106T/H		Ant7	7.77	7.67
			Ant8	6.99	7.39
			Ant7+Ant8	10.41	10.54
	242T/L		Ant7	7.38	7.28
			Ant8	7.34	7.74
			Ant7+Ant8	10.37	10.53
	242T/H		Ant7	7.70	7.60
			Ant8	6.94	7.34
			Ant7+Ant8	10.35	10.48
	484T/L		Ant7	7.21	7.11
			Ant8	7.11	7.51

	484T/H		Ant7+Ant8	10.17	10.32
			Ant7	7.48	7.38
			Ant8	6.72	7.12
	996T/L		Ant7+Ant8	10.13	10.26
			Ant7	7.05	6.95
			Ant8	6.83	7.23
	996T/H		Ant7+Ant8	9.95	10.10
			Ant7	7.21	7.11
			Ant8	6.54	6.94
	1992T/L&H		Ant7+Ant8	9.90	10.04
			Ant7	10.87	10.77
			Ant8	10.84	11.24
	Ant7+Ant8	13.87	14.02		

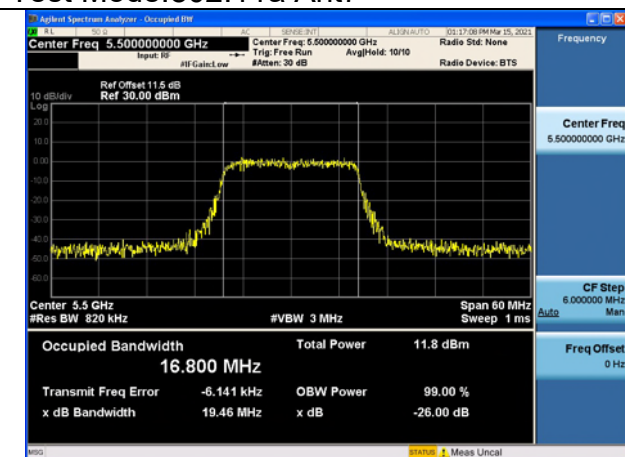
Emission Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

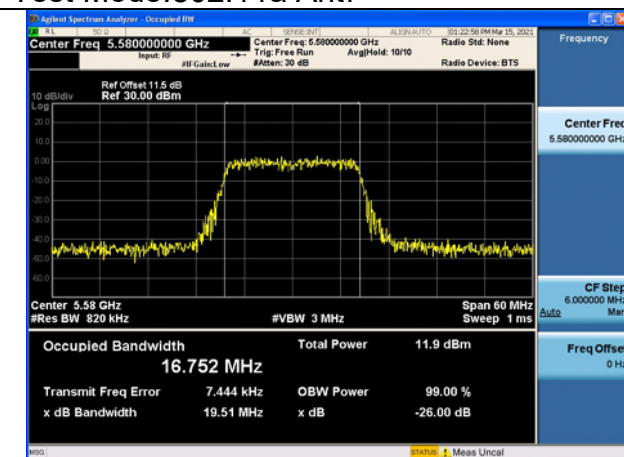
Test Mode:802.11a

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5500	Ant7	19.46
	Ant8	19.45
5580	Ant7	19.51
	Ant8	19.76
5700	Ant7	19.79
	Ant8	20.22
5720	Ant7	19.17
	Ant8	19.81

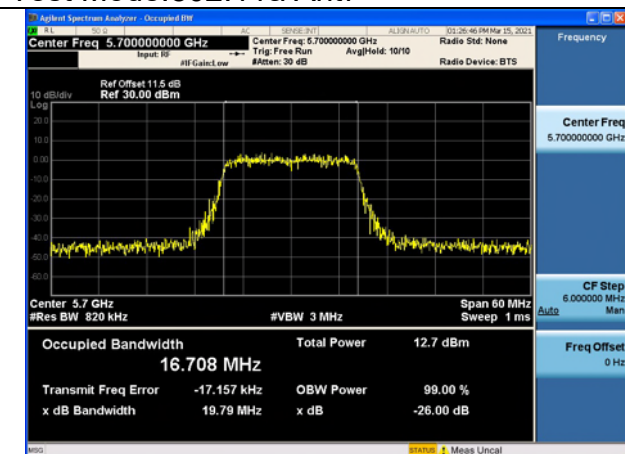
Test Mode:802.11a Ant7



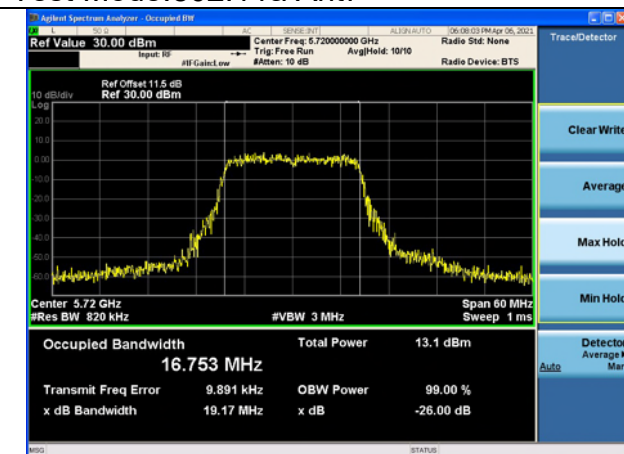
Test Mode:802.11a Ant7



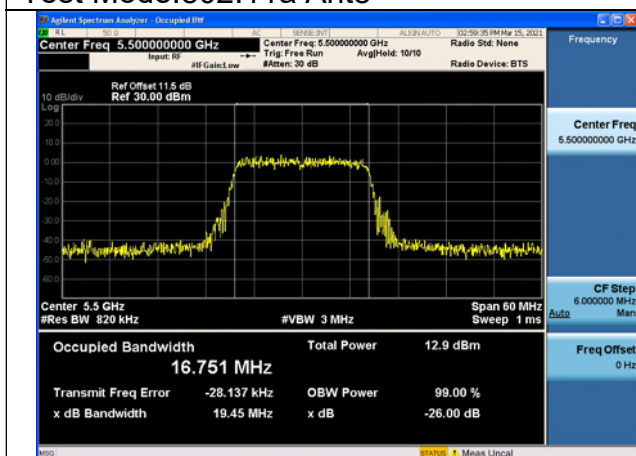
Test Mode:802.11a Ant7



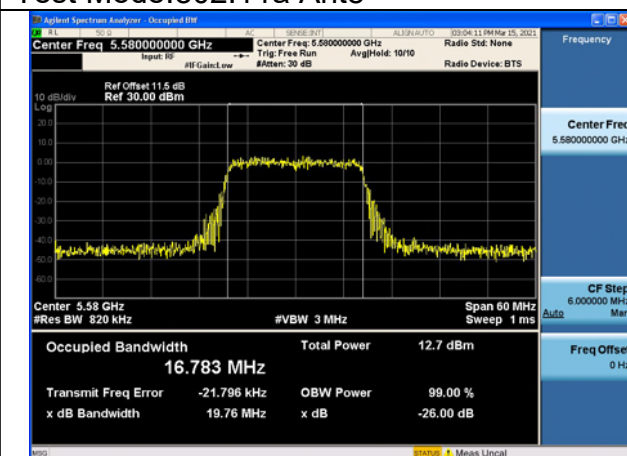
Test Mode:802.11a Ant7



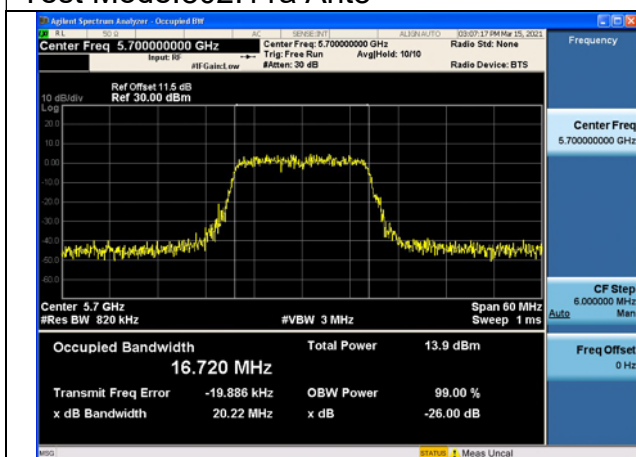
Test Mode:802.11a Ant8



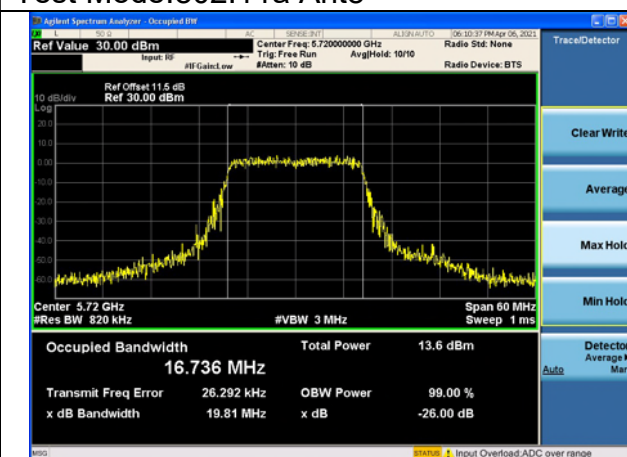
Test Mode:802.11a Ant8



Test Mode:802.11a Ant8



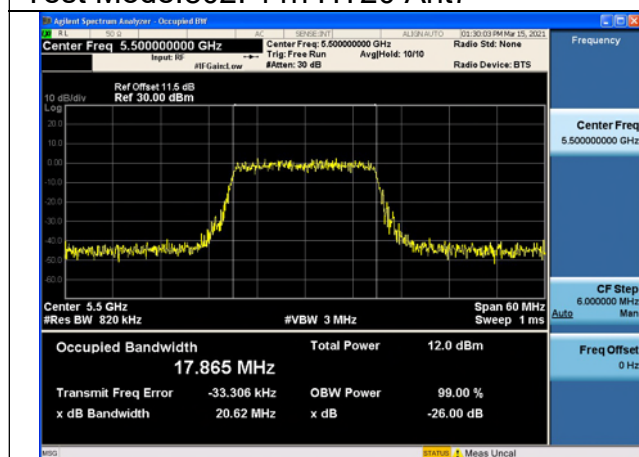
Test Mode:802.11a Ant8



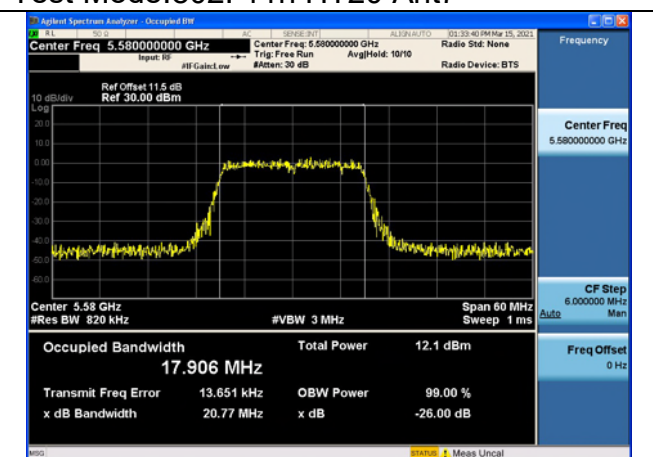
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5500	Ant7	20.62
	Ant8	21.10
5580	Ant7	20.77
	Ant8	21.03
5700	Ant7	20.46
	Ant8	20.29
5710	Ant7	20.66
	Ant8	20.81

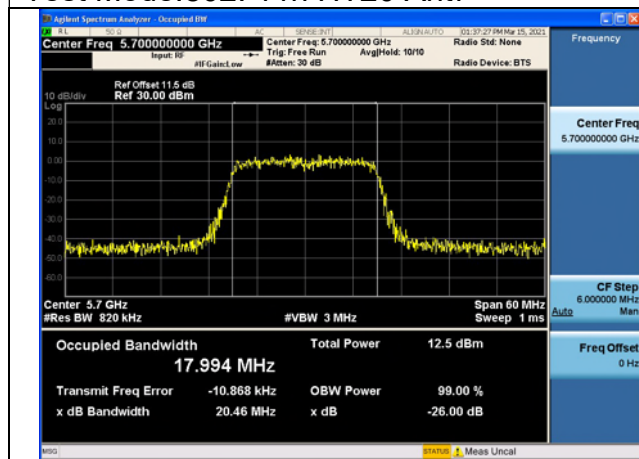
Test Mode:802. 11n HT20 Ant7



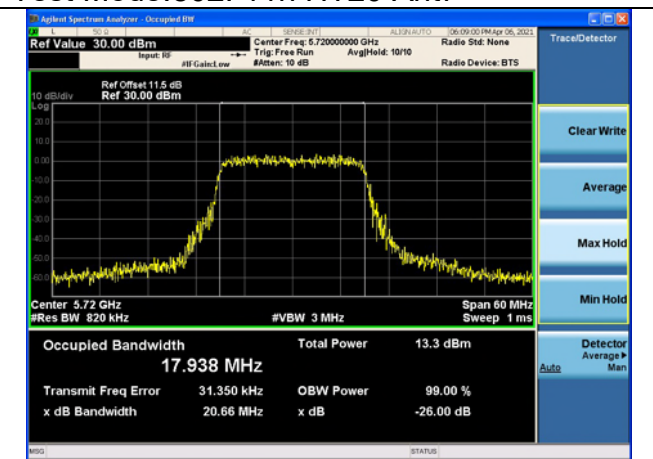
Test Mode:802. 11n HT20 Ant7



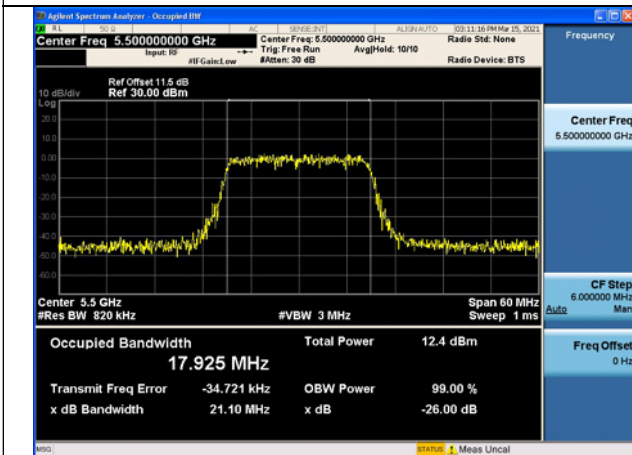
Test Mode:802. 11n HT20 Ant7



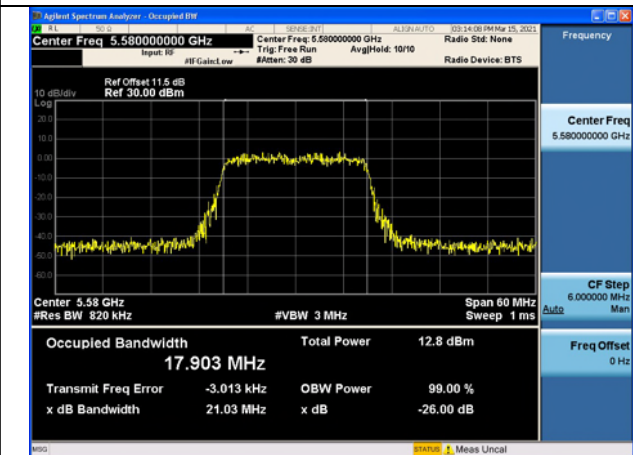
Test Mode:802. 11n HT20 Ant7



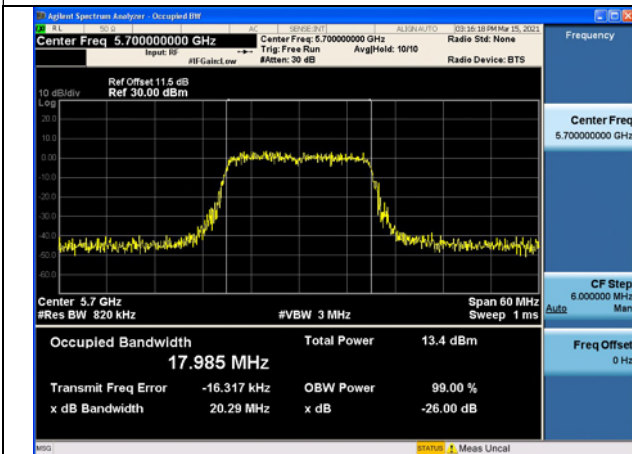
Test Mode:802. 11n HT20 Ant8



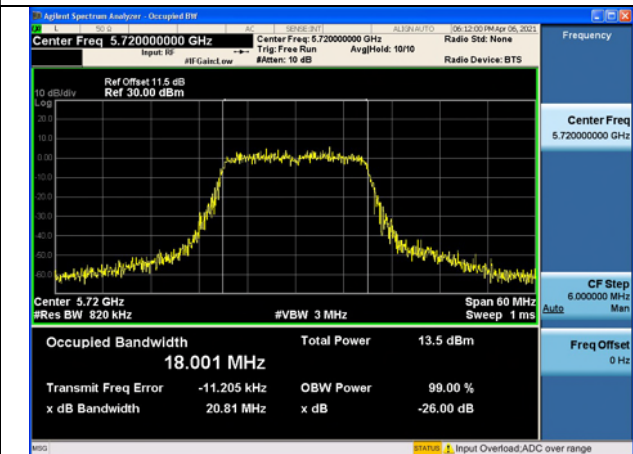
Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



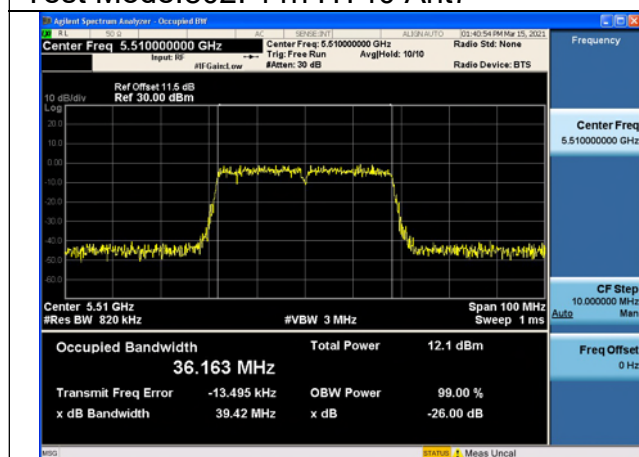
Test Mode:802. 11n HT20 Ant8



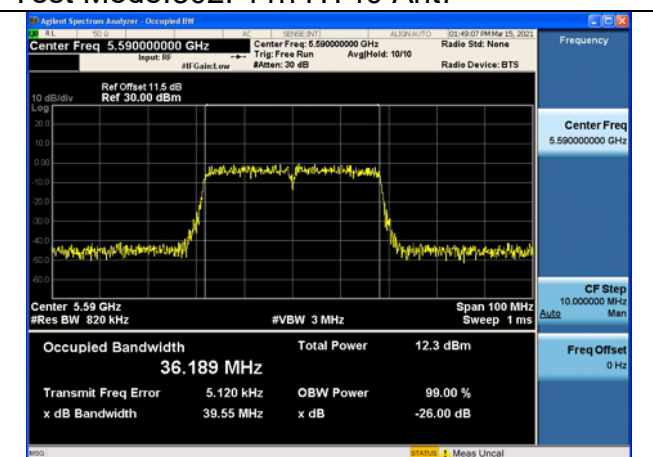
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5510	Ant7	39.42
	Ant8	40.12
5590	Ant7	39.55
	Ant8	39.16
5670	Ant7	39.34
	Ant8	39.88
5710	Ant7	39.34
	Ant8	39.79

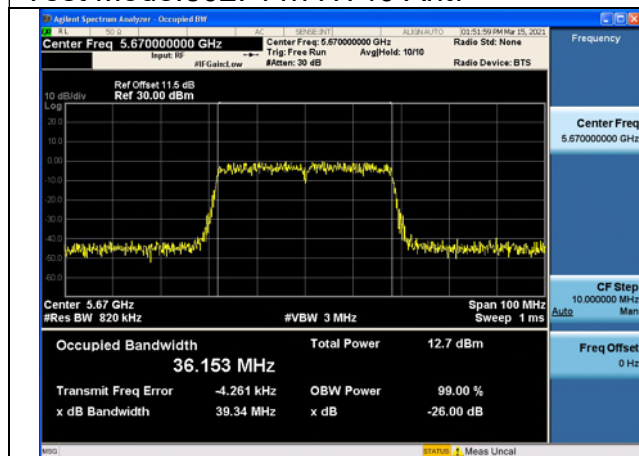
Test Mode:802. 11n HT40 Ant7



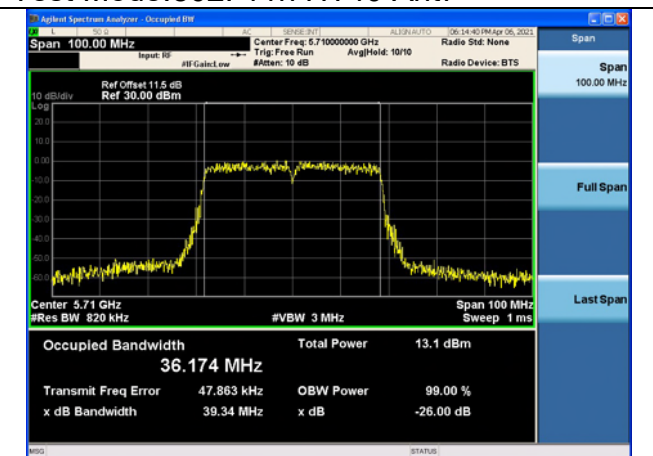
Test Mode:802. 11n HT40 Ant7



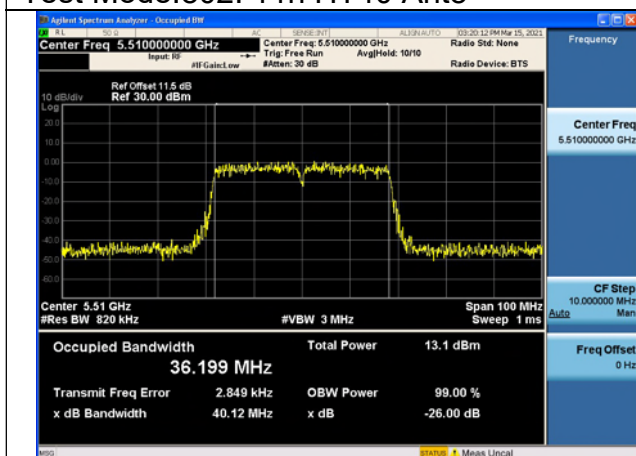
Test Mode:802. 11n HT40 Ant7



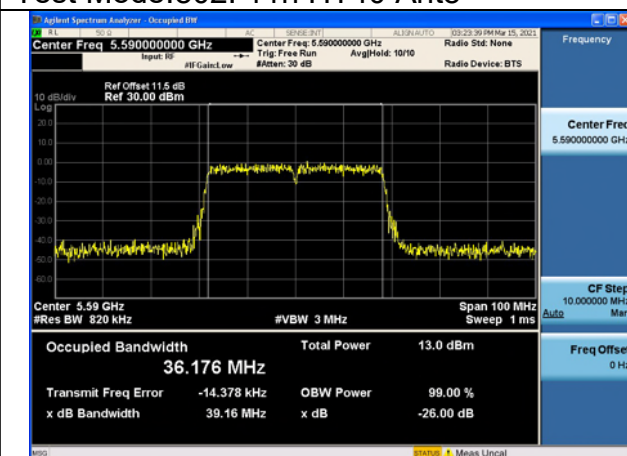
Test Mode:802. 11n HT40 Ant7



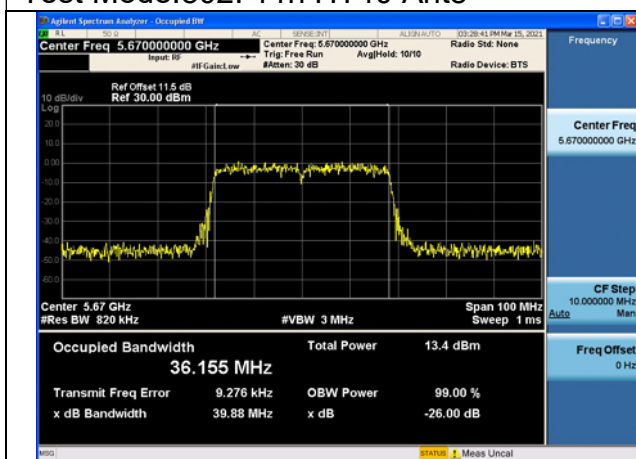
Test Mode:802. 11n HT40 Ant8



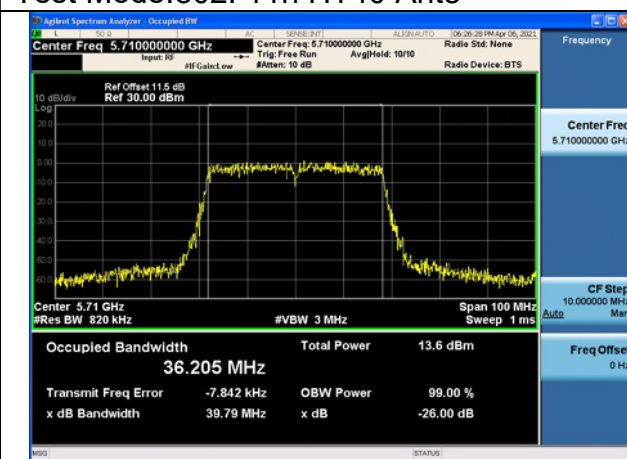
Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11n HT40 Ant8



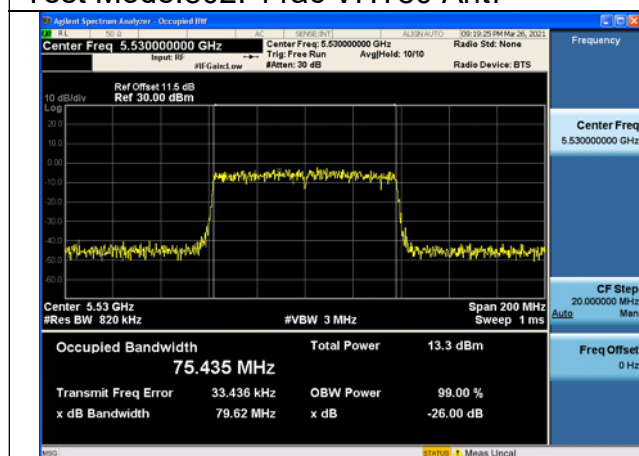
Test Mode:802. 11n HT40 Ant8



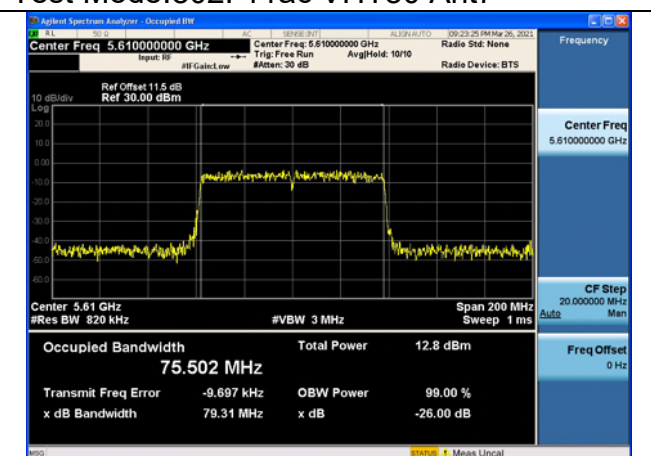
Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5530	Ant7	79.62
	Ant8	79.88
5610	Ant7	79.31
	Ant8	79.74
5690	Ant7	81.12
	Ant8	80.04

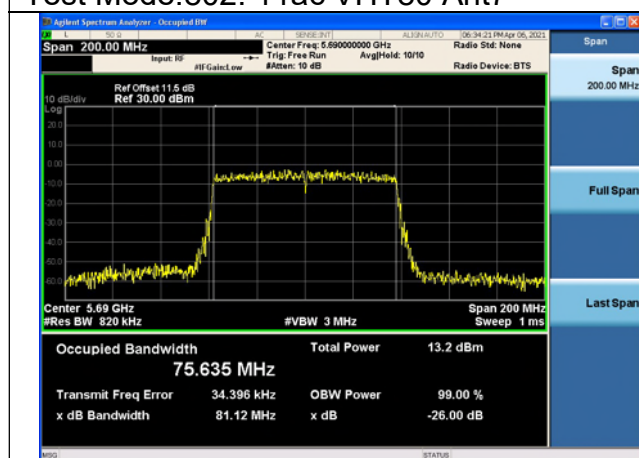
Test Mode:802. 11ac VHT80 Ant7



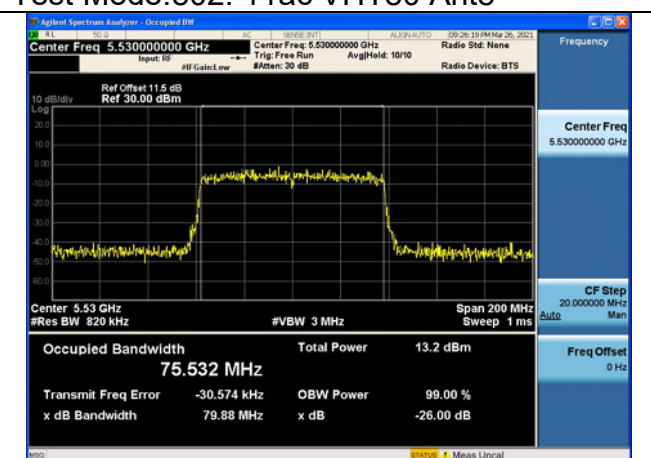
Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant7

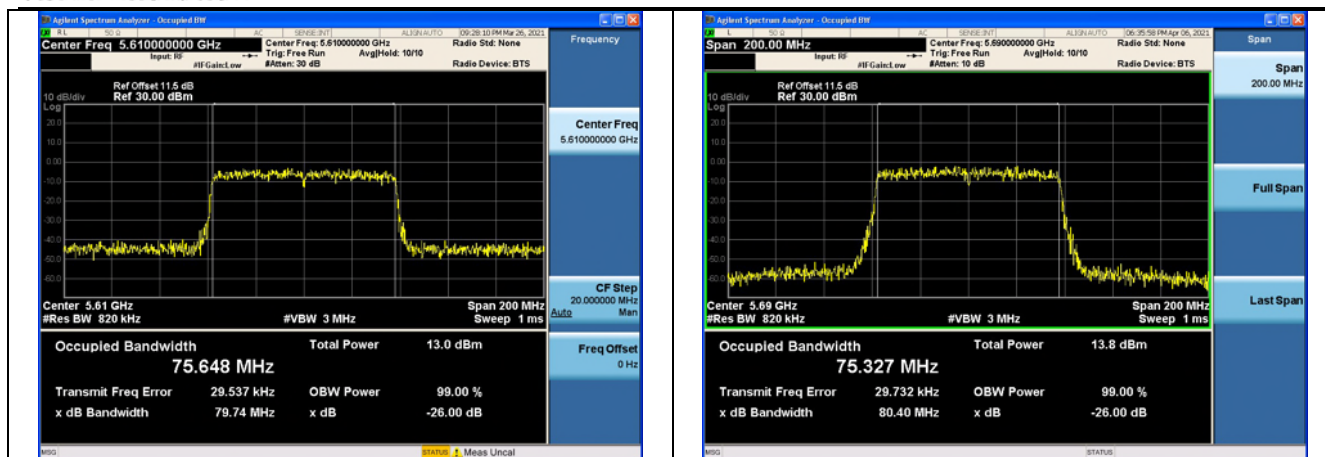


Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT80 Ant8

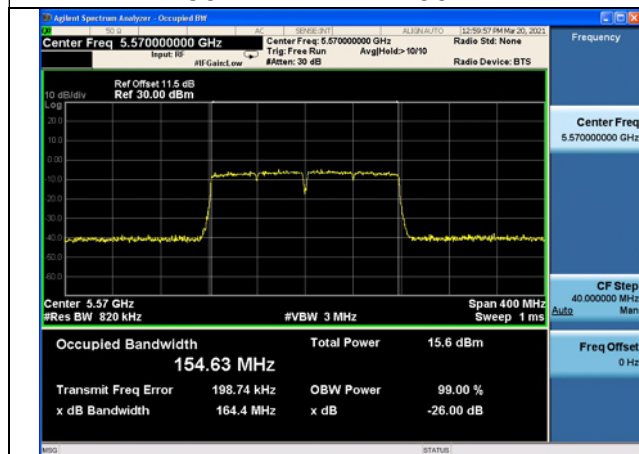
Test Mode:802. 11ac VHT80 Ant8



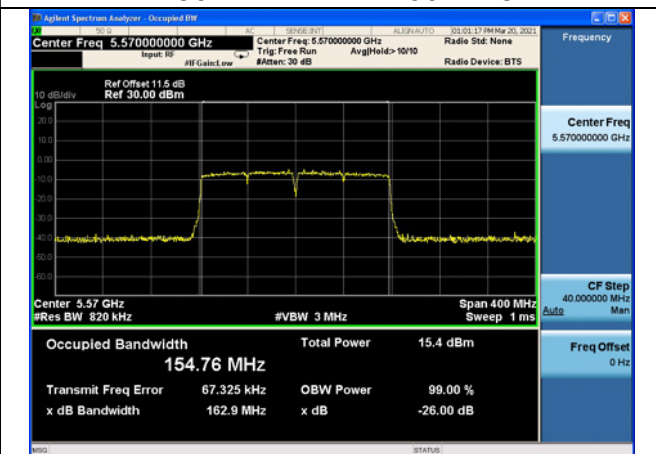
Test Mode:802. 11ac VHT160

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5570	Ant7	164.4
	Ant8	162.9

Test Mode:802. 11ac VHT160 Ant7



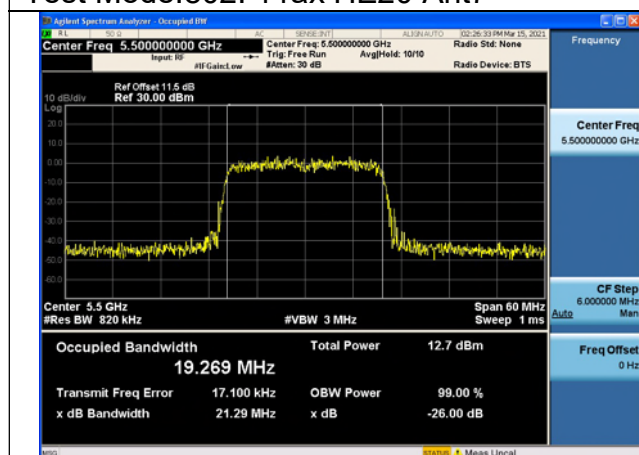
Test Mode:802. 11ac VHT160 Ant8



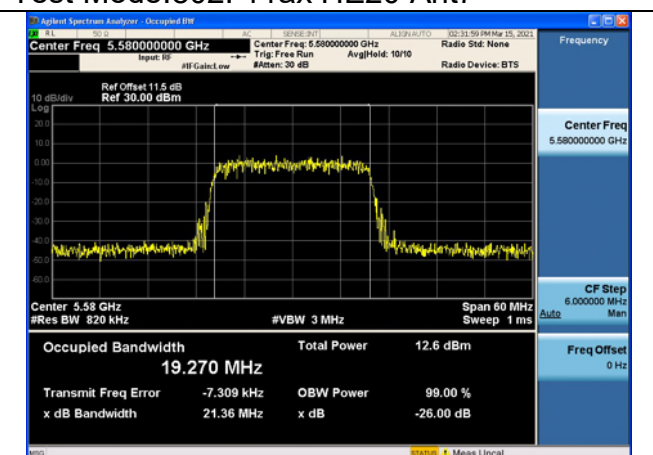
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5500	Ant7	21.29
	Ant8	20.79
5580	Ant7	21.36
	Ant8	21.63
5700	Ant7	21.29
	Ant8	21.33
5720	Ant7	21.04
	Ant8	20.72

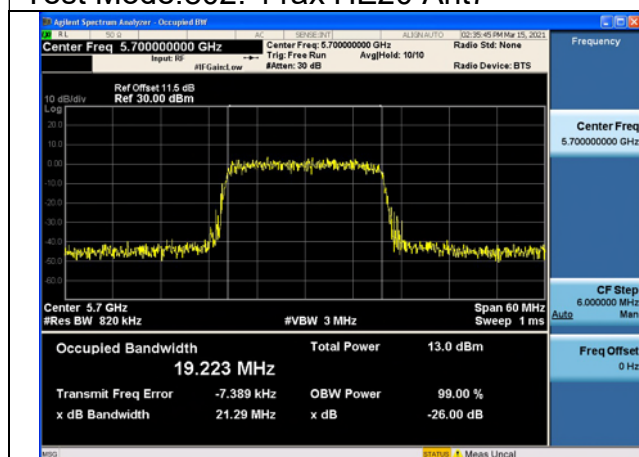
Test Mode:802.11ax HE20 Ant7



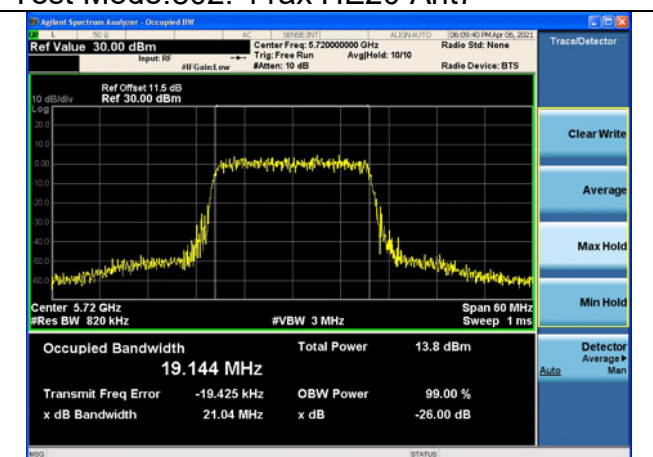
Test Mode:802.11ax HE20 Ant7



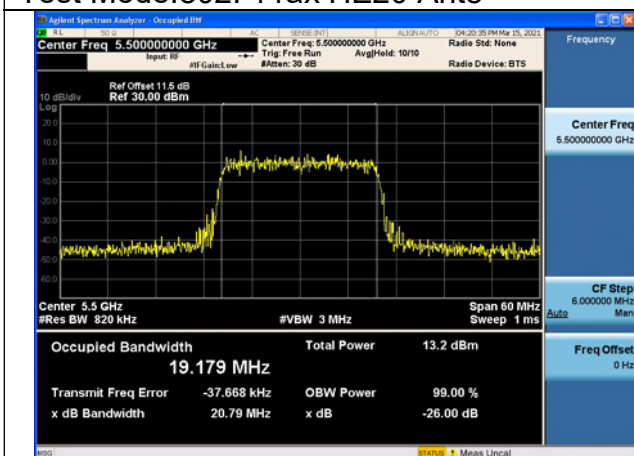
Test Mode:802.11ax HE20 Ant7



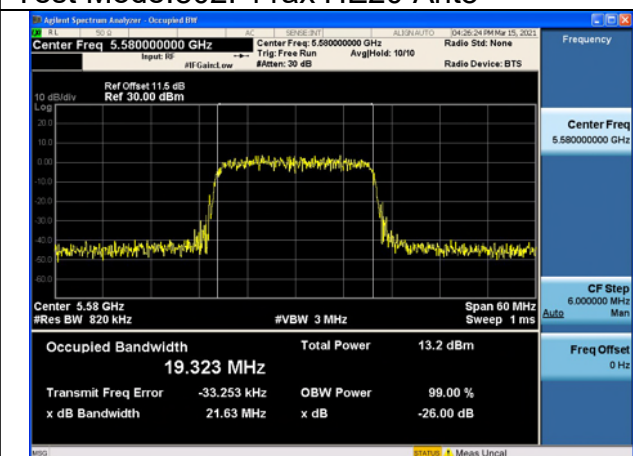
Test Mode:802.11ax HE20 Ant7



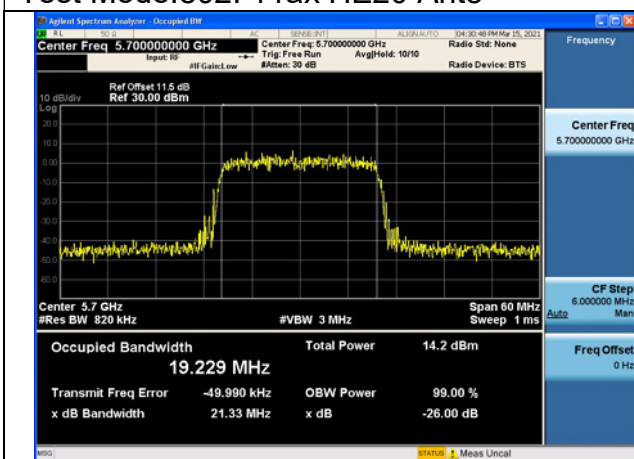
Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

