

## **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	8.54
			Ant8	11.11	11.11
		5580	Ant7	10.48	8.48
			Ant8	10.96	10.96
		5700	Ant7	10.85	8.85
			Ant8	11.82	11.82
5720		Ant7	10.13	8.13	
		Ant8	10.54	10.54	
802.11n20M		5500	Ant7	10.63	8.63
			Ant8	10.91	10.91
			Ant7+Ant8	13.78	12.93
		5580	Ant7	10.68	8.68
			Ant8	10.87	10.87
			Ant7+Ant8	13.79	12.92
		5700	Ant7	11.02	9.02
			Ant8	11.64	11.64
			Ant7+Ant8	14.35	13.53
5720		Ant7	10.04	8.04	
	Ant8	10.45	10.45		
	Ant7+Ant8	13.26	12.42		
802.11n40M	5510	Ant7	10.76	8.76	
		Ant8	10.84	10.84	
		Ant7+Ant8	13.81	12.93	
	5590	Ant7	10.66	8.66	
		Ant8	10.83	10.83	
		Ant7+Ant8	13.76	12.89	
	5670	Ant7	11.04	9.04	
		Ant8	11.35	11.35	
		Ant7+Ant8	14.21	13.36	
5710	Ant7	10.20	8.20		
	Ant8	10.52	10.52		
	Ant7+Ant8	13.37	12.52		
802.11ac80M	5530	Ant7	11.00	9.00	
		Ant8	10.60	10.60	

802.11ac160M		5610	Ant7+Ant8	13.81	12.88	
			Ant7	10.90	8.90	
			Ant8	10.60	10.60	
		5690	Ant7+Ant8	13.76	12.84	
			Ant7	10.14	8.14	
			Ant8	10.53	10.53	
		5570	Ant7+Ant8	13.35	12.51	
			Ant7	11.32	9.32	
			Ant8	10.81	10.81	
				Ant7+Ant8	14.08	13.14

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax20M	26T/0	5500	Ant7	7.12	5.12
			Ant8	7.07	7.07
			Ant7+Ant8	10.11	9.21
		5580	Ant7	7.06	5.06
			Ant8	6.99	6.99
			Ant7+Ant8	10.04	9.14
		5700	Ant7	7.38	5.38
			Ant8	7.71	7.71
			Ant7+Ant8	10.56	9.71
		5720	Ant7	6.44	4.44
			Ant8	7.16	7.16
			Ant7+Ant8	9.83	9.02
	26T/4	5500	Ant7	6.65	4.65
			Ant8	6.66	6.66
			Ant7+Ant8	9.67	8.78
		5580	Ant7	6.58	4.58
			Ant8	6.45	6.45
			Ant7+Ant8	9.53	8.63
		5700	Ant7	6.97	4.97
			Ant8	7.16	7.16
			Ant7+Ant8	10.08	9.21
		5720	Ant7	6.03	4.03
			Ant8	6.68	6.68
			Ant7+Ant8	9.38	8.56
	26T/8	5500	Ant7	7.04	5.04
			Ant8	6.95	6.95
			Ant7+Ant8	10.01	9.11
		5580	Ant7	7.04	5.04
			Ant8	6.83	6.83
			Ant7+Ant8	9.95	9.04
		5700	Ant7	7.41	5.41
			Ant8	7.59	7.59
			Ant7+Ant8	10.51	9.65
		5720	Ant7	6.48	4.48
			Ant8	7.02	7.02
			Ant7+Ant8	9.77	8.94

	52T/37	5500	Ant7	6.77	4.77
			Ant8	6.84	6.84
			Ant7+Ant8	9.82	8.94
		5580	Ant7	6.83	4.83
			Ant8	6.82	6.82
			Ant7+Ant8	9.84	8.95
		5700	Ant7	7.24	5.24
			Ant8	7.51	7.51
			Ant7+Ant8	10.39	9.53
		5720	Ant7	6.38	4.38
			Ant8	6.98	6.98
			Ant7+Ant8	9.70	8.88
	52T/39	5500	Ant7	6.62	4.62
			Ant8	6.65	6.65
			Ant7+Ant8	9.65	8.76
		5580	Ant7	6.71	4.71
			Ant8	6.49	6.49
			Ant7+Ant8	9.61	8.70
		5700	Ant7	7.02	5.02
			Ant8	7.27	7.27
			Ant7+Ant8	10.16	9.30
		5720	Ant7	6.17	4.17
			Ant8	6.63	6.63
			Ant7+Ant8	9.42	8.58
	52T/40	5500	Ant7	6.60	4.60
			Ant8	6.96	6.96
			Ant7+Ant8	9.79	8.95
		5580	Ant7	6.99	4.99
			Ant8	6.75	6.75
			Ant7+Ant8	9.88	8.97
5700		Ant7	7.20	5.20	
		Ant8	7.45	7.45	
		Ant7+Ant8	10.34	9.48	
5720		Ant7	6.38	4.38	
		Ant8	6.79	6.79	
		Ant7+Ant8	9.60	8.76	
106T/53	5500	Ant7	6.71	4.71	
		Ant8	7.07	7.07	
		Ant7+Ant8	9.90	9.06	

		5580	Ant7	6.96	4.96
			Ant8	6.79	6.79
			Ant7+Ant8	9.89	8.98
		5700	Ant7	7.22	5.22
			Ant8	7.48	7.48
			Ant7+Ant8	10.36	9.51
		5720	Ant7	6.38	4.38
			Ant8	6.88	6.88
			Ant7+Ant8	9.65	8.82
	106T/54	5500	Ant7	6.72	4.72
			Ant8	6.91	6.91
			Ant7+Ant8	9.83	8.96
		5580	Ant7	6.92	4.92
			Ant8	6.78	6.78
			Ant7+Ant8	9.86	8.96
		5700	Ant7	7.30	5.30
			Ant8	7.41	7.41
			Ant7+Ant8	10.37	9.49
		5720	Ant7	6.49	4.49
			Ant8	6.78	6.78
			Ant7+Ant8	9.65	8.79
	242T/61	5500	Ant7	10.94	8.94
			Ant8	10.75	10.75
			Ant7+Ant8	13.86	12.95
		5580	Ant7	10.89	8.89
			Ant8	10.82	10.82
			Ant7+Ant8	13.87	12.97
5700		Ant7	11.16	9.16	
		Ant8	11.63	11.63	
		Ant7+Ant8	14.41	13.58	
5720		Ant7	10.16	8.16	
		Ant8	10.54	10.54	
		Ant7+Ant8	13.36	12.52	

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax40M	26T/0	5510	Ant7	6.92	4.92
			Ant8	7.06	7.06
			Ant7+Ant8	10.00	9.13

		5670	Ant7	7.33	5.33	
			Ant8	7.76	7.76	
			Ant7+Ant8	10.56	9.72	
		5710	Ant7	6.28	4.28	
			Ant8	7.23	7.23	
			Ant7+Ant8	9.79	9.01	
	26T/10	5510	Ant7	6.76	4.76	
			Ant8	6.74	6.74	
			Ant7+Ant8	9.76	8.87	
		5670	Ant7	7.29	5.29	
			Ant8	7.55	7.55	
			Ant7+Ant8	10.43	9.58	
		5710	Ant7	6.05	4.05	
			Ant8	6.91	6.91	
			Ant7+Ant8	9.51	8.72	
		26T/17	5510	Ant7	6.96	4.96
				Ant8	6.83	6.83
				Ant7+Ant8	9.91	9.01
	5670		Ant7	7.40	5.40	
			Ant8	7.69	7.69	
			Ant7+Ant8	10.56	9.70	
	5710		Ant7	6.26	4.26	
			Ant8	7.01	7.01	
			Ant7+Ant8	9.66	8.86	
	52T/37		5510	Ant7	6.91	4.91
				Ant8	7.13	7.13
				Ant7+Ant8	10.03	9.17
		5670	Ant7	7.44	5.44	
			Ant8	7.85	7.85	
			Ant7+Ant8	10.66	9.82	
5710		Ant7	6.38	4.38		
		Ant8	7.29	7.29		
		Ant7+Ant8	9.87	9.08		
52T/41		5510	Ant7	6.74	4.74	
			Ant8	6.75	6.75	
			Ant7+Ant8	9.76	8.87	
	5670	Ant7	7.29	5.29		
		Ant8	7.59	7.59		
		Ant7+Ant8	10.45	9.60		

	5710	Ant7	6.13	4.13	
		Ant8	7.04	7.04	
		Ant7+Ant8	9.62	8.83	
	52T/44	5510	Ant7	6.97	4.97
			Ant8	6.88	6.88
			Ant7+Ant8	9.94	9.04
		5670	Ant7	7.44	5.44
			Ant8	7.76	7.76
			Ant7+Ant8	10.61	9.76
		5710	Ant7	6.31	4.31
			Ant8	7.12	7.12
			Ant7+Ant8	9.74	8.95
	106T/53	5510	Ant7	7.11	5.11
			Ant8	7.01	7.01
			Ant7+Ant8	10.07	9.17
		5670	Ant7	7.33	5.33
			Ant8	7.89	7.89
			Ant7+Ant8	10.63	9.81
		5710	Ant7	6.40	4.40
			Ant8	7.30	7.30
			Ant7+Ant8	9.88	9.10
	106T/55	5510	Ant7	6.93	4.93
			Ant8	6.78	6.78
			Ant7+Ant8	9.87	8.96
		5670	Ant7	7.23	5.23
			Ant8	7.68	7.68
			Ant7+Ant8	10.47	9.64
5710		Ant7	6.28	4.28	
		Ant8	7.09	7.09	
		Ant7+Ant8	9.71	8.92	
106T/56	5510	Ant7	7.08	5.08	
		Ant8	6.91	6.91	
		Ant7+Ant8	10.01	9.10	
	5670	Ant7	7.37	5.37	
		Ant8	7.77	7.77	
		Ant7+Ant8	10.58	9.74	
	5710	Ant7	6.37	4.37	
		Ant8	7.14	7.14	
		Ant7+Ant8	9.78	8.98	



	242T/61	5510	Ant7	6.93	4.93
			Ant8	6.95	6.95
			Ant7+Ant8	9.95	9.07
		5670	Ant7	7.18	5.18
			Ant8	7.72	7.72
			Ant7+Ant8	10.47	9.64
		5710	Ant7	6.25	4.25
			Ant8	7.16	7.16
			Ant7+Ant8	9.74	8.95
	242T/62	5510	Ant7	6.94	4.94
			Ant8	6.77	6.77
			Ant7+Ant8	9.87	8.96
		5670	Ant7	7.26	5.26
			Ant8	7.59	7.59
			Ant7+Ant8	10.44	9.59
		5710	Ant7	6.19	4.19
			Ant8	7.04	7.04
			Ant7+Ant8	9.65	8.86
	484T/65	5510	Ant7	10.99	8.99
			Ant8	11.26	11.26
			Ant7+Ant8	14.14	13.28
		5670	Ant7	11.44	9.44
			Ant8	11.68	11.68
			Ant7+Ant8	14.57	13.71
5710		Ant7	10.08	8.08	
		Ant8	10.48	10.48	
		Ant7+Ant8	13.29	12.45	

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax80M	26T/0	5530	Ant7	7.23	5.23
			Ant8	7.29	7.29
			Ant7+Ant8	10.27	9.39
		5610	Ant7	6.95	4.95
			Ant8	7.50	7.50
			Ant7+Ant8	10.24	9.42
		5690	Ant7	6.55	4.55
			Ant8	6.97	6.97
			Ant7+Ant8	9.78	8.94

	26T/18	5530	Ant7	7.10	5.10
			Ant8	6.92	6.92
			Ant7+Ant8	10.02	9.11
		5610	Ant7	7.00	5.00
			Ant8	7.19	7.19
			Ant7+Ant8	10.11	9.24
		5690	Ant7	6.37	4.37
			Ant8	6.74	6.74
			Ant7+Ant8	9.57	8.73
	26T/36	5530	Ant7	7.37	5.37
			Ant8	6.90	6.90
			Ant7+Ant8	10.15	9.21
		5610	Ant7	7.34	5.34
			Ant8	7.40	7.40
			Ant7+Ant8	10.38	9.50
		5690	Ant7	6.43	4.43
			Ant8	6.69	6.69
			Ant7+Ant8	9.57	8.72
	52T/37	5530	Ant7	7.25	5.25
			Ant8	7.27	7.27
			Ant7+Ant8	10.27	9.39
		5610	Ant7	7.02	5.02
			Ant8	7.56	7.56
			Ant7+Ant8	10.31	9.48
		5690	Ant7	6.56	4.56
			Ant8	7.06	7.06
			Ant7+Ant8	9.83	9.00
52T/45	5530	Ant7	7.11	5.11	
		Ant8	6.90	6.90	
		Ant7+Ant8	10.02	9.11	
	5610	Ant7	7.02	5.02	
		Ant8	7.29	7.29	
		Ant7+Ant8	10.17	9.31	
	5690	Ant7	6.41	4.41	
		Ant8	6.78	6.78	
		Ant7+Ant8	9.61	8.77	
52T/52	5530	Ant7	7.38	5.38	
		Ant8	6.86	6.86	
		Ant7+Ant8	10.14	9.19	

	106T/53	5610	Ant7	7.36	5.36	
			Ant8	7.34	7.34	
			Ant7+Ant8	10.36	9.47	
		5690	Ant7	6.49	4.49	
			Ant8	6.72	6.72	
			Ant7+Ant8	9.62	8.76	
		106T/57	5530	Ant7	7.31	5.31
				Ant8	7.34	7.34
				Ant7+Ant8	10.34	9.45
	5610		Ant7	6.95	4.95	
			Ant8	7.49	7.49	
			Ant7+Ant8	10.24	9.41	
	5690		Ant7	6.56	4.56	
			Ant8	6.95	6.95	
			Ant7+Ant8	9.77	8.93	
	106T/60	5530	Ant7	7.17	5.17	
			Ant8	6.97	6.97	
			Ant7+Ant8	10.08	9.17	
		5610	Ant7	7.01	5.01	
			Ant8	7.16	7.16	
			Ant7+Ant8	10.10	9.23	
		5690	Ant7	6.48	4.48	
			Ant8	6.69	6.69	
			Ant7+Ant8	9.60	8.73	
	242T/61	5530	Ant7	7.32	5.32	
			Ant8	6.96	6.96	
			Ant7+Ant8	10.15	9.23	
5610		Ant7	7.32	5.32		
		Ant8	7.35	7.35		
		Ant7+Ant8	10.35	9.46		
5690		Ant7	6.50	4.50		
		Ant8	6.68	6.68		
		Ant7+Ant8	9.60	8.74		
106T/53	5530	Ant7	7.17	5.17		
		Ant8	7.23	7.23		
		Ant7+Ant8	10.21	9.33		
	5610	Ant7	6.94	4.94		
		Ant8	7.40	7.40		
		Ant7+Ant8	10.19	9.35		

	5690	Ant7	6.53	4.53	
		Ant8	6.95	6.95	
		Ant7+Ant8	9.76	8.92	
	242T/63	5530	Ant7	7.15	5.15
			Ant8	6.92	6.92
			Ant7+Ant8	10.05	9.13
		5610	Ant7	7.08	5.08
			Ant8	7.14	7.14
			Ant7+Ant8	10.12	9.24
		5690	Ant7	6.46	4.46
			Ant8	6.77	6.77
			Ant7+Ant8	9.63	8.78
	242T/64	5530	Ant7	7.23	5.23
			Ant8	6.98	6.98
			Ant7+Ant8	10.12	9.20
		5610	Ant7	7.24	5.24
			Ant8	7.24	7.24
			Ant7+Ant8	10.25	9.36
		5690	Ant7	6.50	4.50
			Ant8	6.74	6.74
			Ant7+Ant8	9.63	8.77
	484T/65	5530	Ant7	7.06	5.06
			Ant8	7.13	7.13
			Ant7+Ant8	10.11	9.23
		5610	Ant7	6.85	4.85
			Ant8	7.15	7.15
			Ant7+Ant8	10.01	9.16
5690		Ant7	6.48	4.48	
		Ant8	6.83	6.83	
		Ant7+Ant8	9.67	8.82	
484T/66	5530	Ant7	7.14	5.14	
		Ant8	7.04	7.04	
		Ant7+Ant8	10.10	9.20	
	5610	Ant7	7.11	5.11	
		Ant8	7.19	7.19	
		Ant7+Ant8	10.16	9.28	
	5690	Ant7	6.47	4.47	
		Ant8	6.71	6.71	
		Ant7+Ant8	9.60	8.74	

	996T/67	5530	Ant7	10.19	8.19
			Ant8	10.56	10.56
			Ant7+Ant8	13.39	12.55
		5610	Ant7	10.31	8.31
			Ant8	10.81	10.81
			Ant7+Ant8	13.58	12.75
		5690	Ant7	10.21	8.21
			Ant8	10.61	10.61
			Ant7+Ant8	13.42	12.58

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax160M	26T/L	5570	Ant7	7.43	5.43
			Ant8	7.33	7.33
			Ant7+Ant8	10.39	9.49
	26T/H		Ant7	7.87	5.87
			Ant8	6.99	6.99
			Ant7+Ant8	10.46	9.48
	52T/L		Ant7	7.45	5.45
			Ant8	7.33	7.33
			Ant7+Ant8	10.40	9.50
	52T/H		Ant7	7.84	5.84
			Ant8	6.96	6.96
			Ant7+Ant8	10.43	9.45
	106T/L		Ant7	7.40	5.40
			Ant8	7.37	7.37
			Ant7+Ant8	10.40	9.51
	106T/H		Ant7	7.77	5.77
			Ant8	6.99	6.99
			Ant7+Ant8	10.41	9.43
	242T/L		Ant7	7.38	5.38
			Ant8	7.34	7.34
			Ant7+Ant8	10.37	9.48
	242T/H		Ant7	7.70	5.70
			Ant8	6.94	6.94
			Ant7+Ant8	10.35	9.37
484T/L	Ant7	7.21	5.21		
	Ant8	7.11	7.11		

	484T/H	Ant7+Ant8	10.17	9.27
		Ant7	7.48	5.48
		Ant8	6.72	6.72
	996T/L	Ant7+Ant8	10.13	9.15
		Ant7	7.05	5.05
		Ant8	6.83	6.83
	996T/H	Ant7+Ant8	9.95	9.04
		Ant7	7.21	5.21
		Ant8	6.54	6.54
	1992T/L&H	Ant7+Ant8	9.90	8.94
		Ant7	10.87	8.87
		Ant8	10.84	10.84
		Ant7+Ant8	13.87	12.98

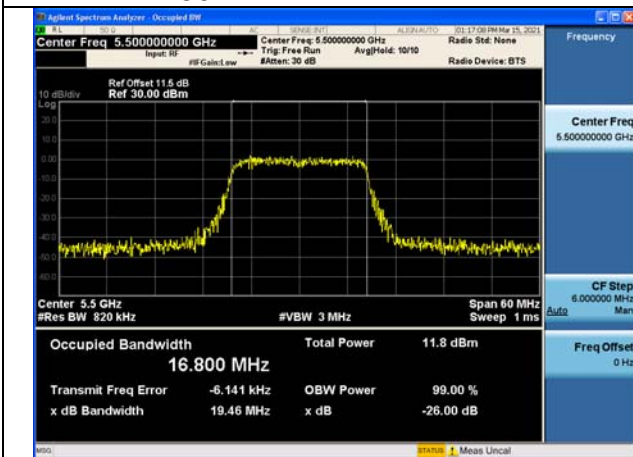
### Emission Bandwidth

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

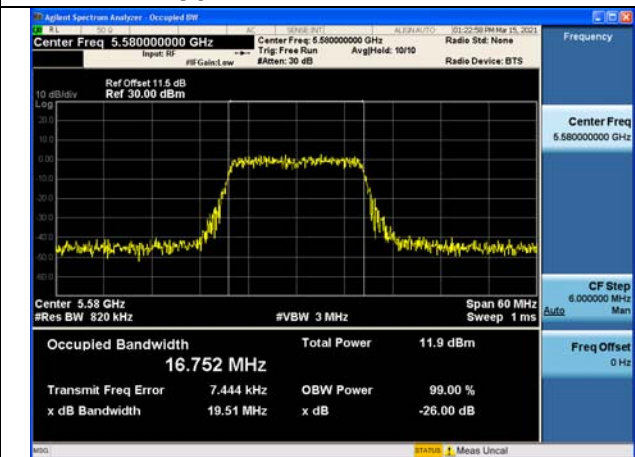
Test Mode:802.11a

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

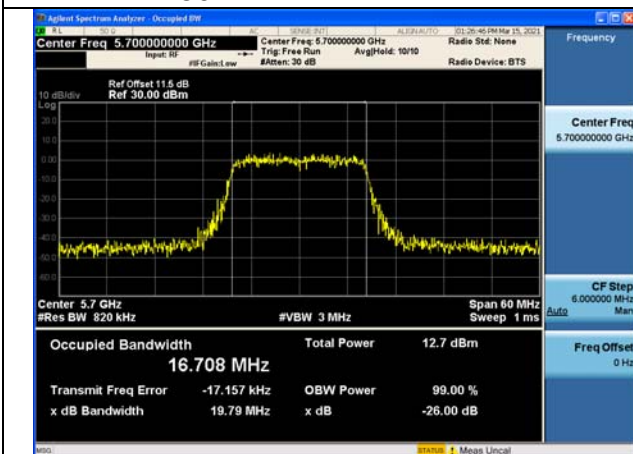
Test Mode:802.11a Ant7



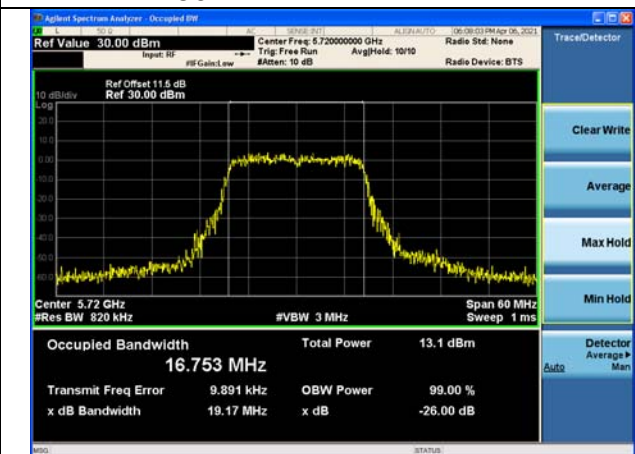
Test Mode:802.11a Ant7



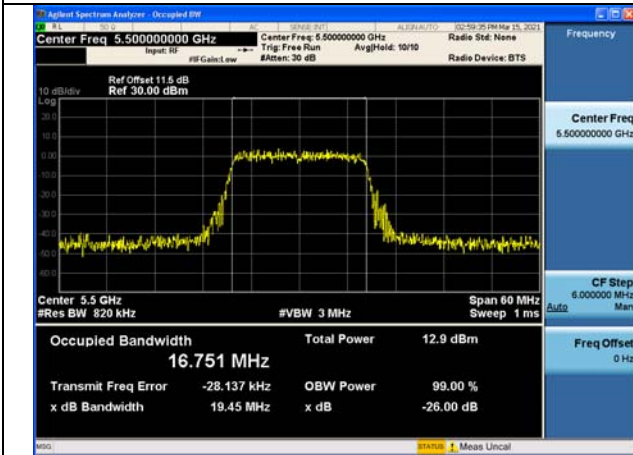
Test Mode:802.11a Ant7



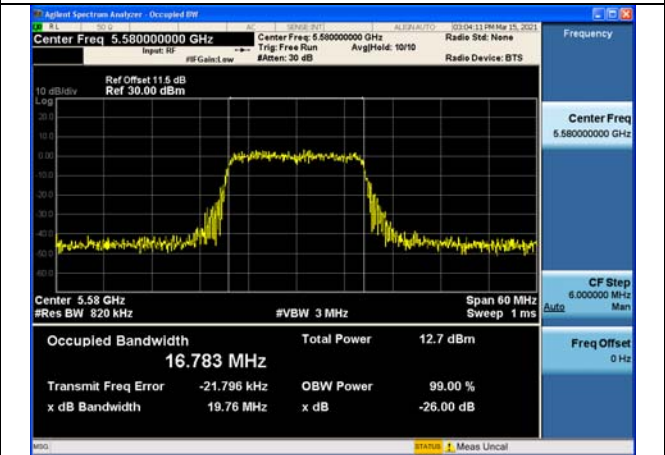
Test Mode:802.11a Ant7



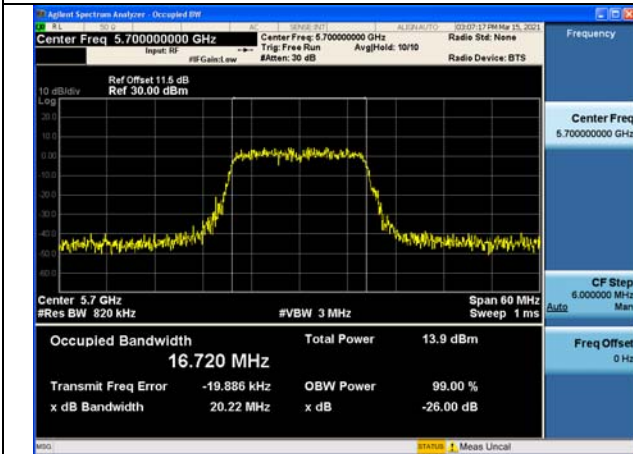
Test Mode:802.11a Ant8



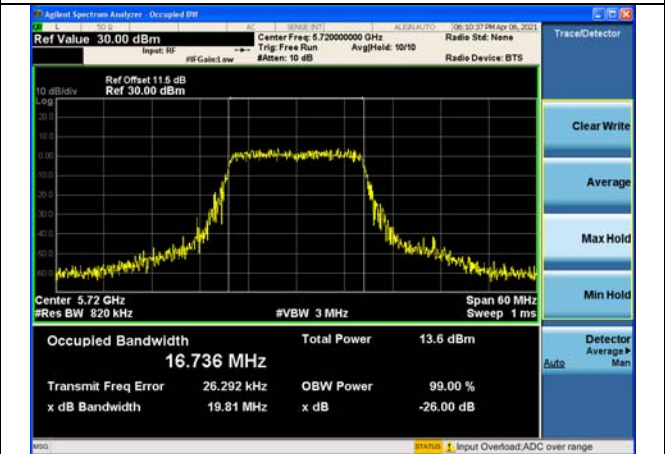
Test Mode:802.11a Ant8



Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

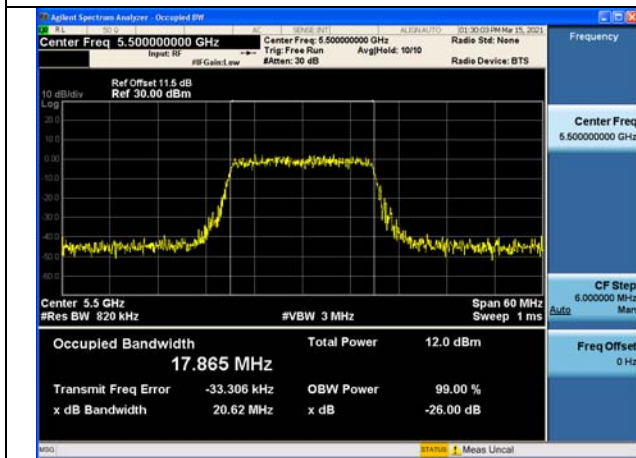




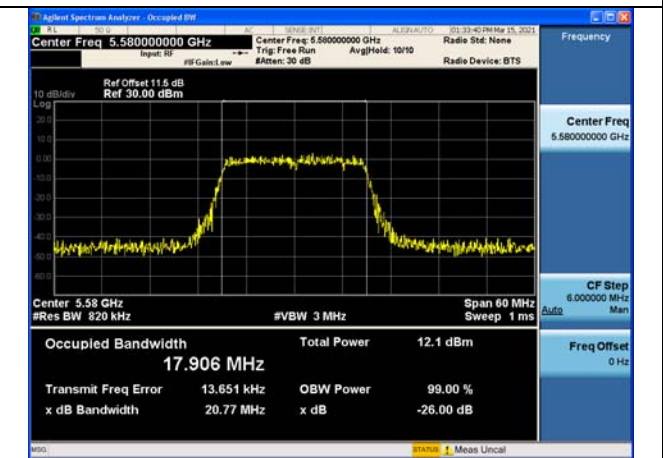
Test Mode:802. 11n HT20

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

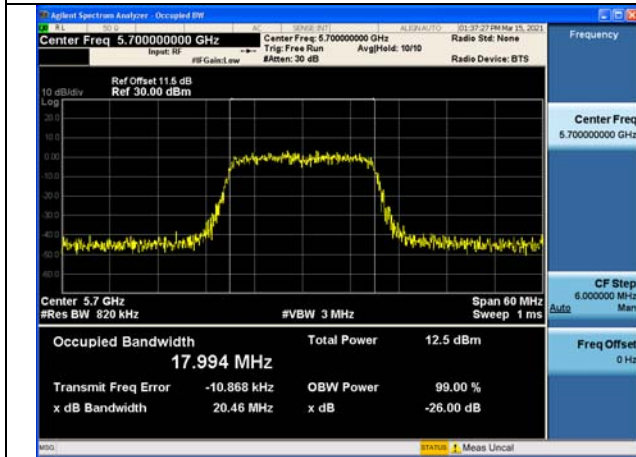
Test Mode:802. 11n HT20 Ant7



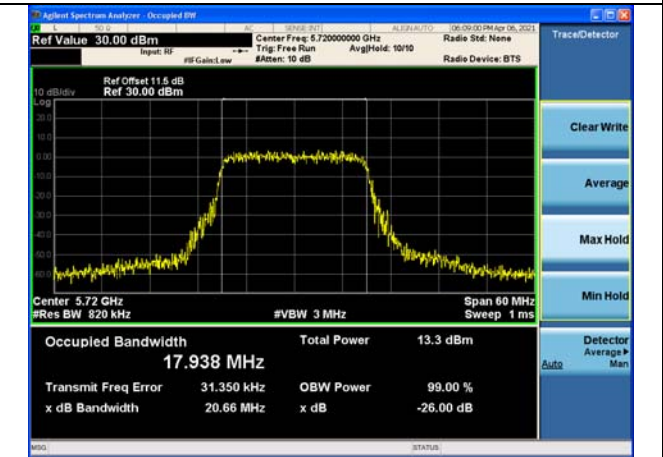
Test Mode:802. 11n HT20 Ant7



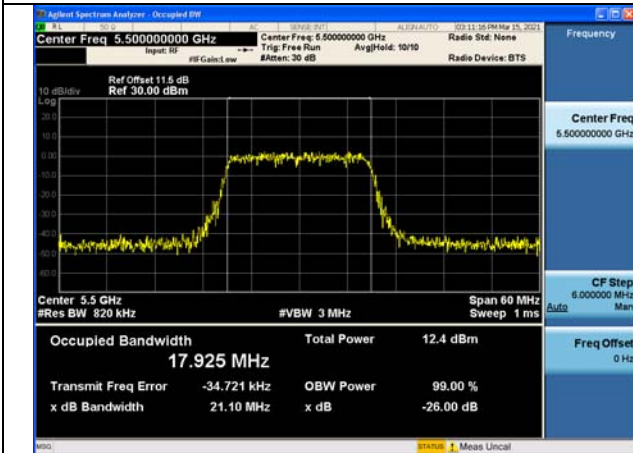
Test Mode:802. 11n HT20 Ant7



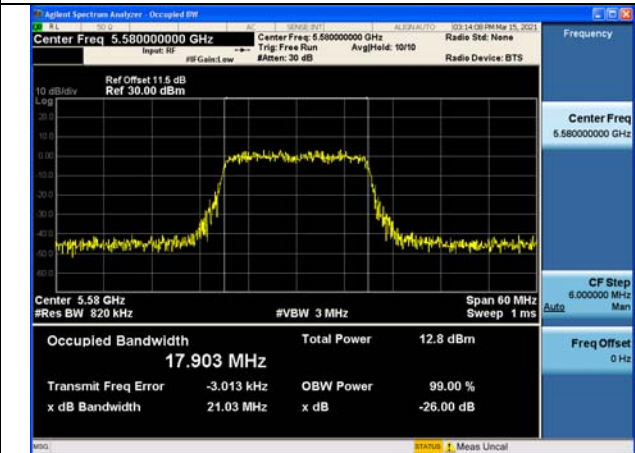
Test Mode:802. 11n HT20 Ant7



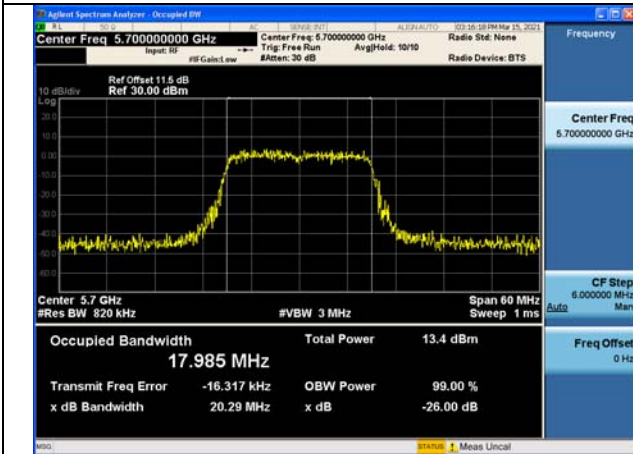
Test Mode:802. 11n HT20 Ant8



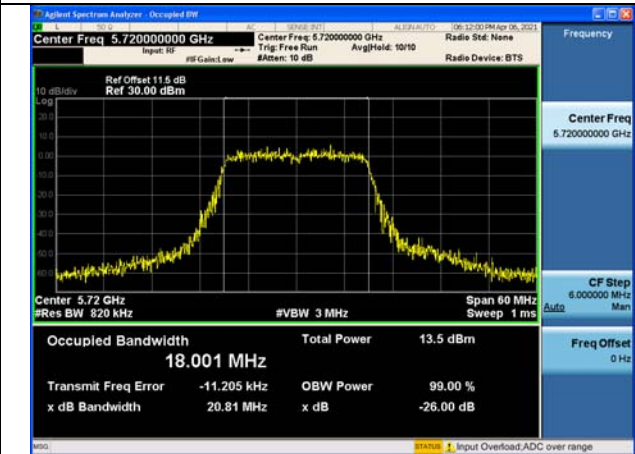
Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



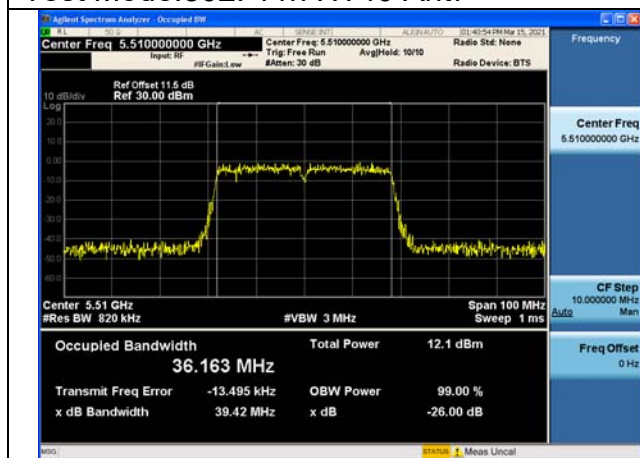
Test Mode:802. 11n HT20 Ant8



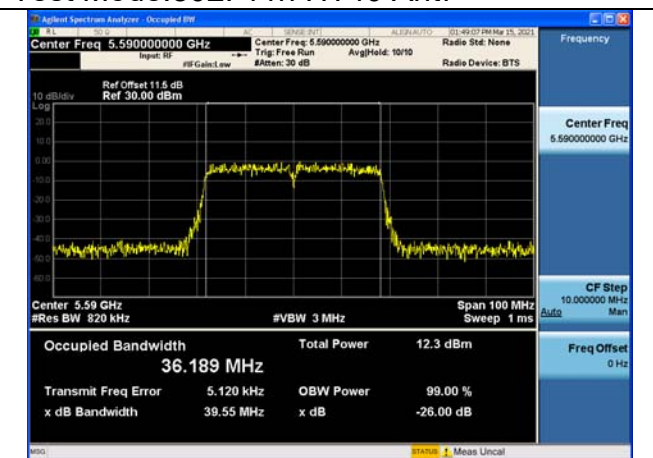
Test Mode:802. 11n HT40

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

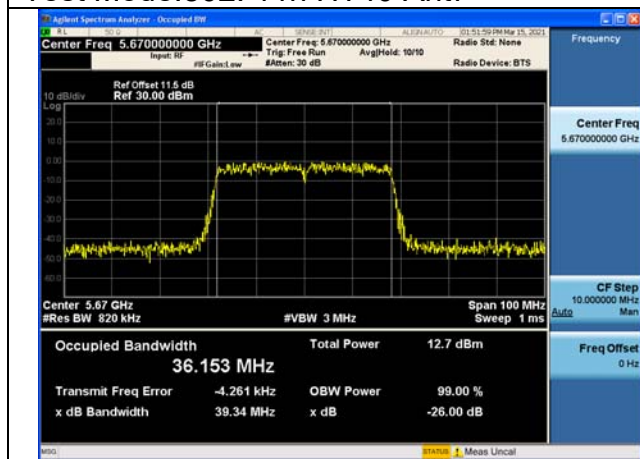
Test Mode:802. 11n HT40 Ant7



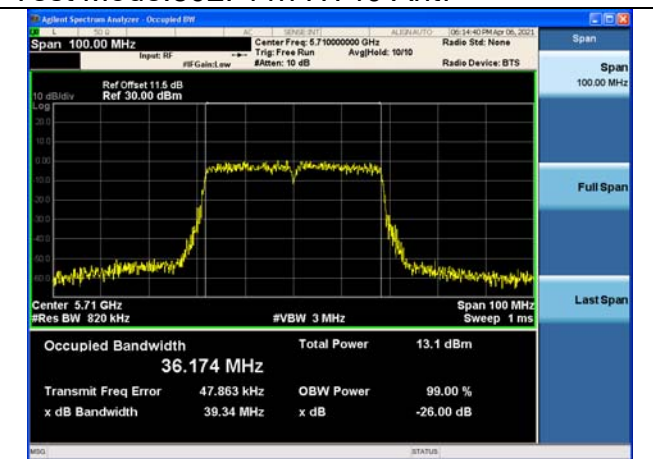
Test Mode:802. 11n HT40 Ant7



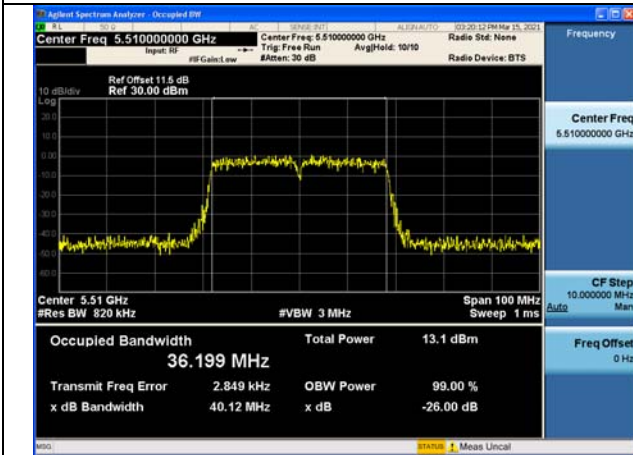
Test Mode:802. 11n HT40 Ant7



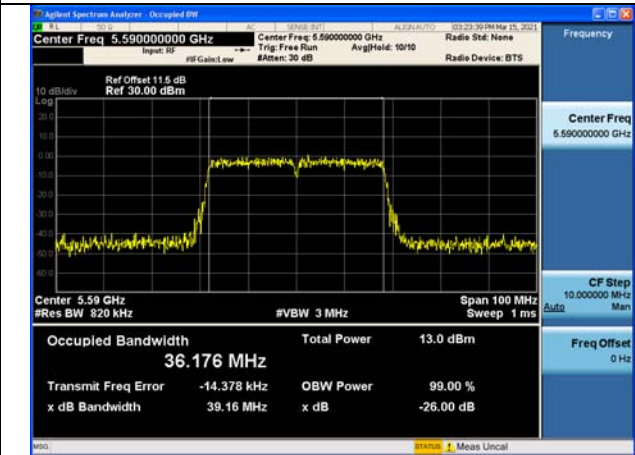
Test Mode:802. 11n HT40 Ant7



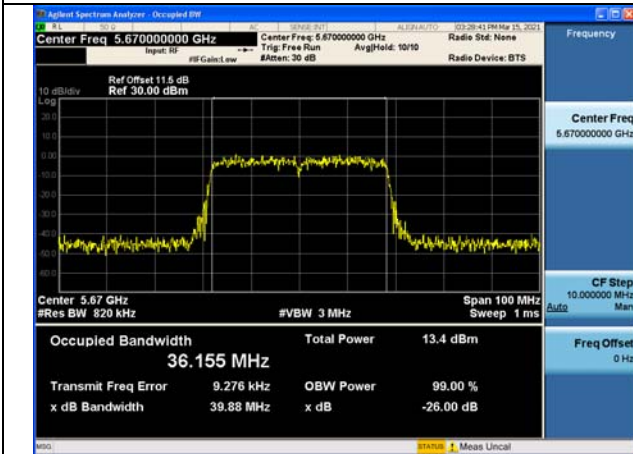
Test Mode:802. 11n HT40 Ant8



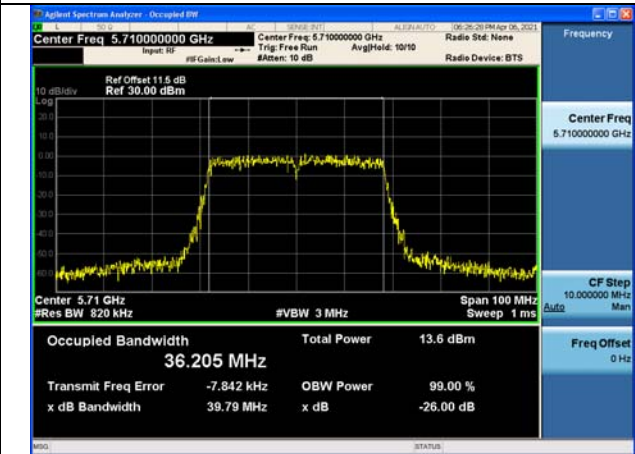
Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11n HT40 Ant8



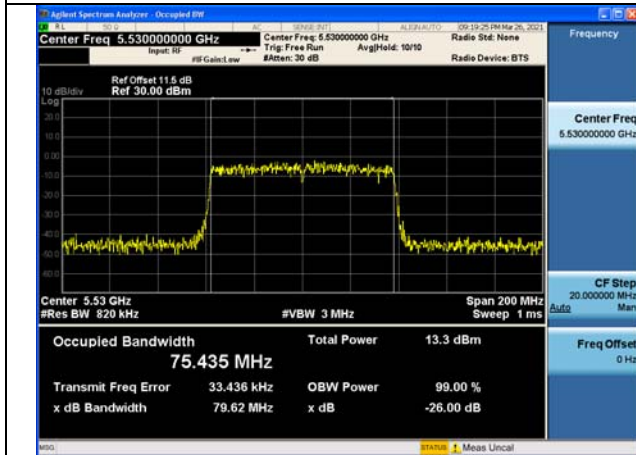
Test Mode:802. 11n HT40 Ant8



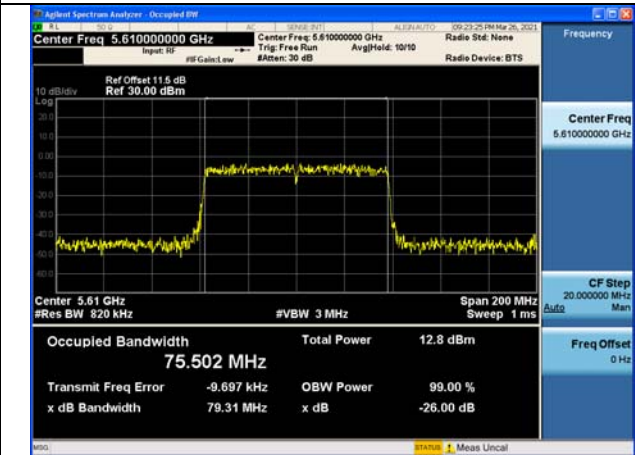
Test Mode:802. 11ac VHT80

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



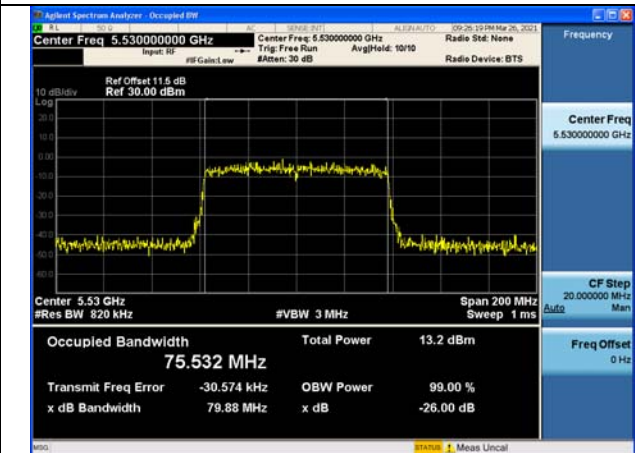
Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant7

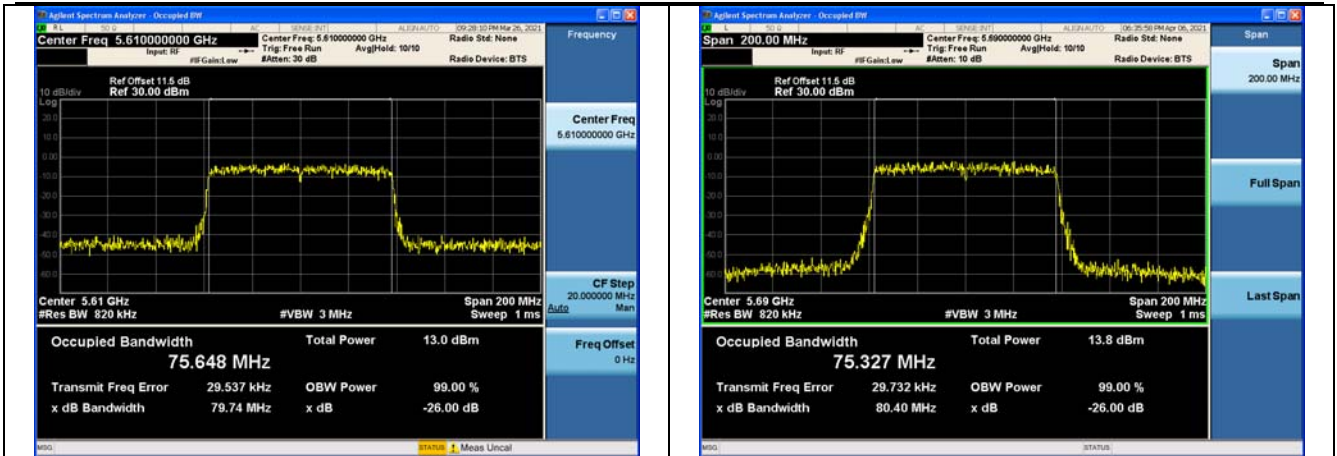


Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT80 Ant8

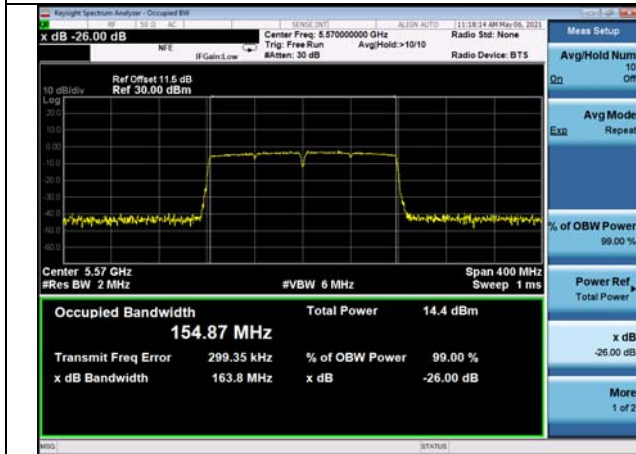
Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT160

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5570	Ant7	163.8
	Ant8	164.3

Test Mode:802. 11ac VHT160 Ant7



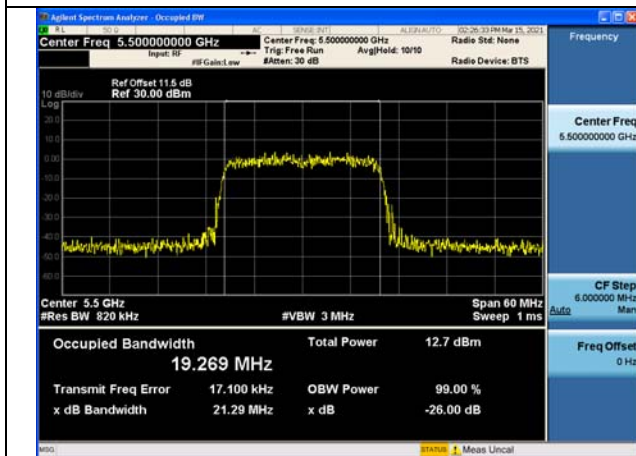
Test Mode:802. 11ac VHT160 Ant8



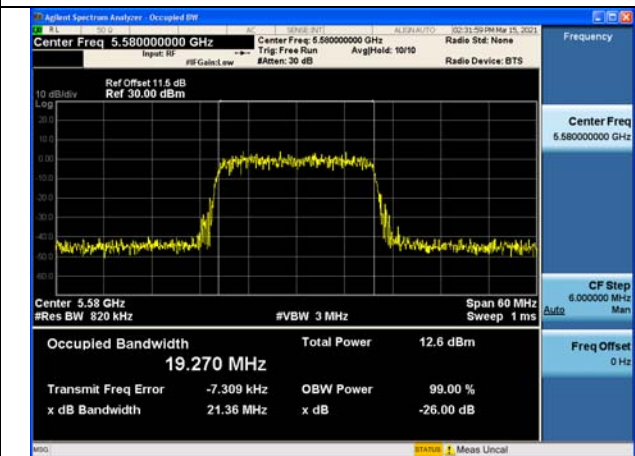
Test Mode:802.11ax HE20(242)

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

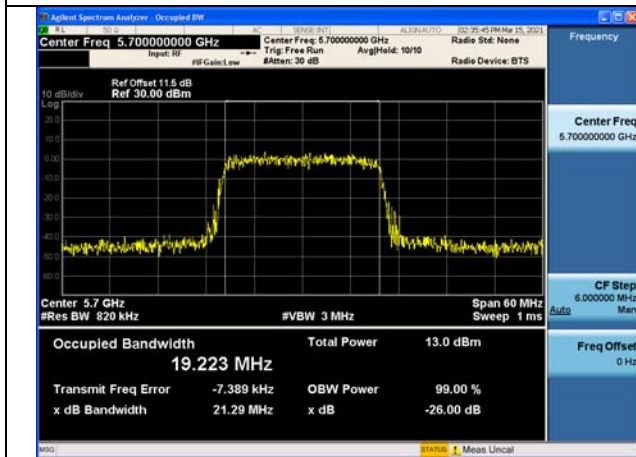
Test Mode:802.11ax HE20 Ant7



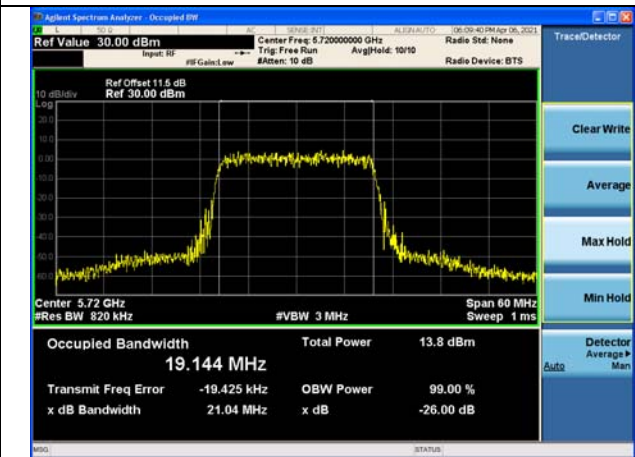
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

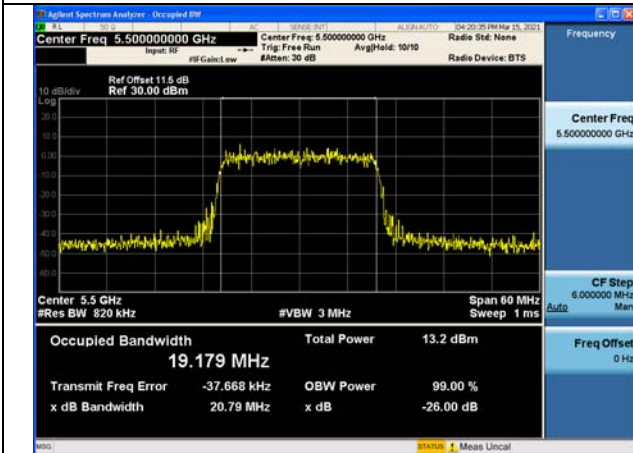


Test Mode:802.11ax HE20 Ant7

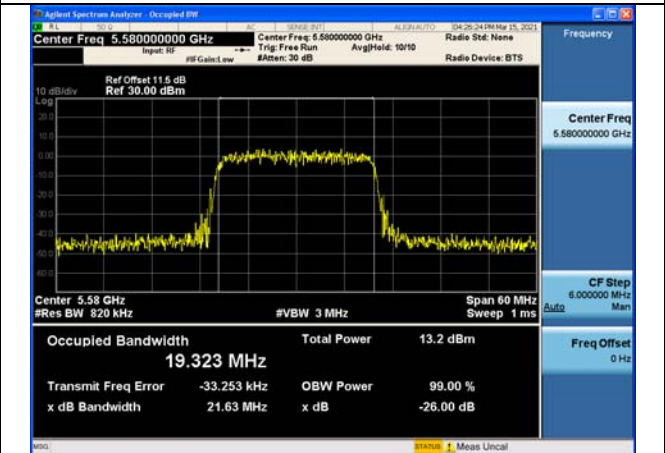




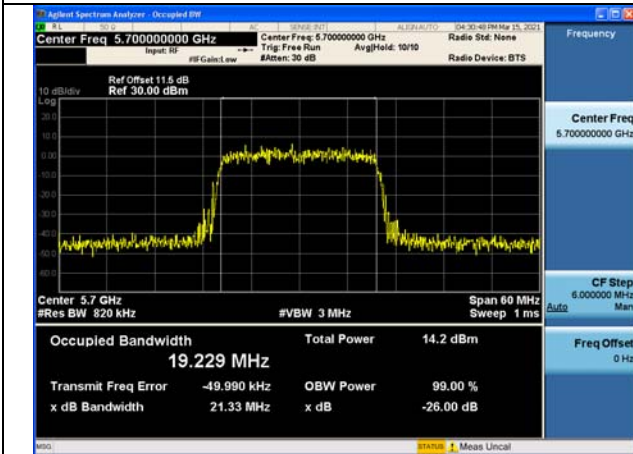
Test Mode:802. 11ax HE20 Ant8



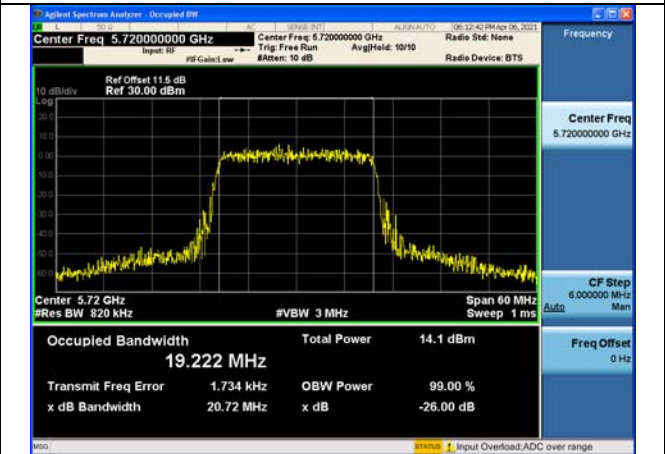
Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



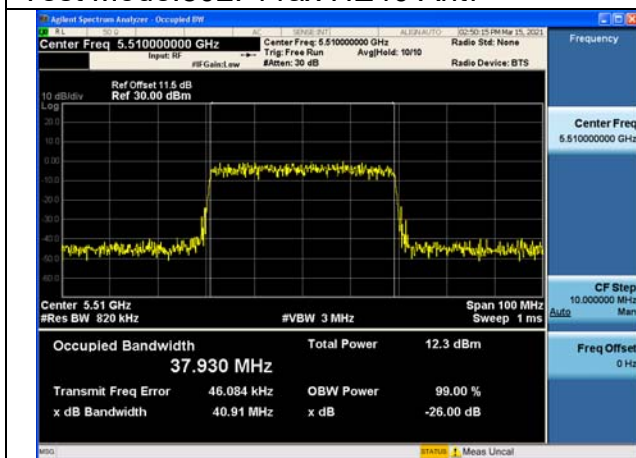
Test Mode:802. 11ax HE20 Ant8



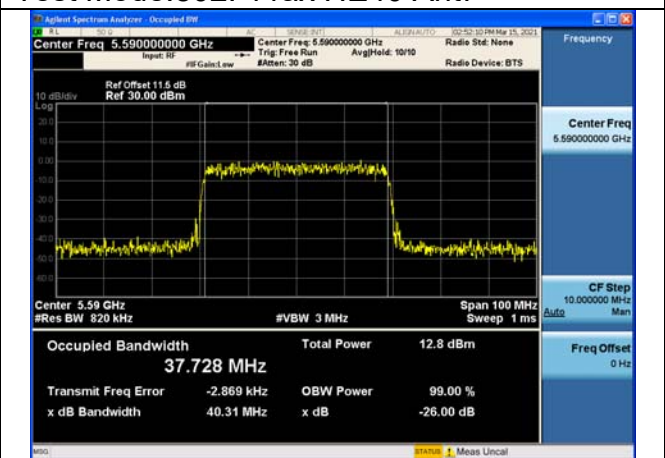
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5510	Ant7	40.91
	Ant8	40.51
5590	Ant7	40.31
	Ant8	40.11
5670	Ant7	40.40
	Ant8	39.87
5710	Ant7	39.72
	Ant8	39.84

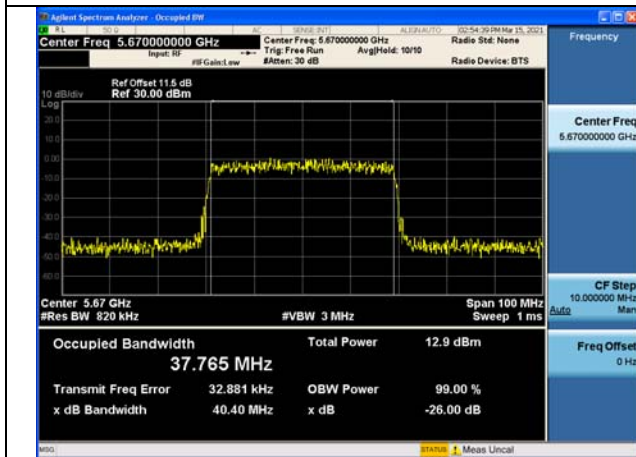
Test Mode:802.11ax HE40 Ant7



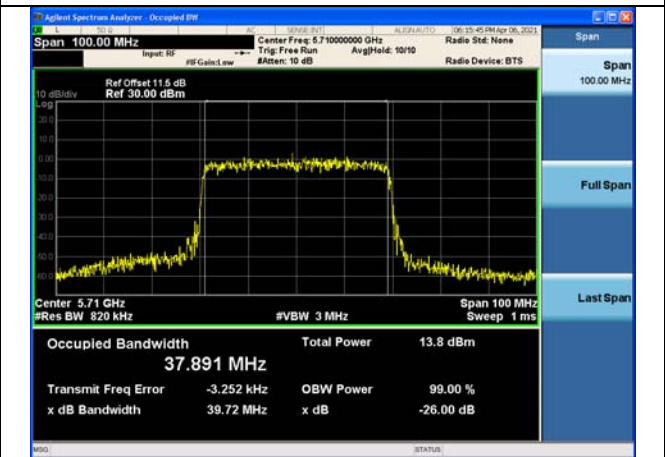
Test Mode:802.11ax HE40 Ant7



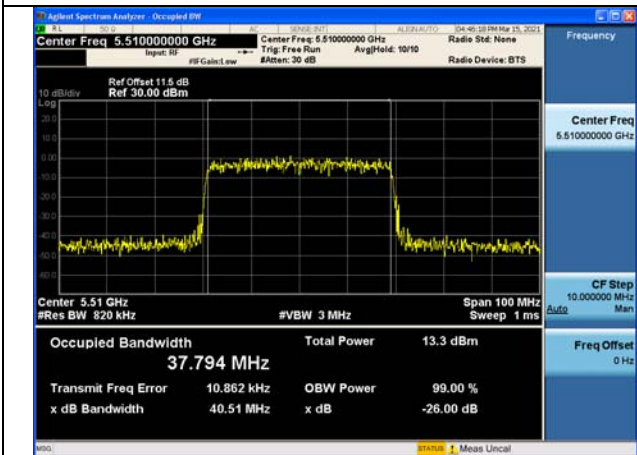
Test Mode:802.11ax HE40 Ant7



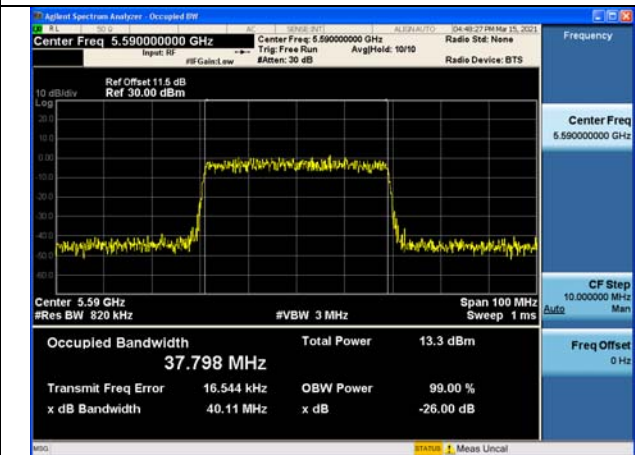
Test Mode:802.11ax HE40 Ant7



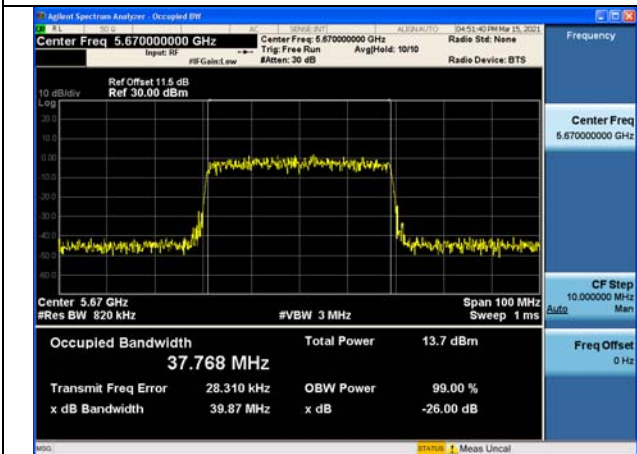
Test Mode:802. 11ax HE40 Ant8



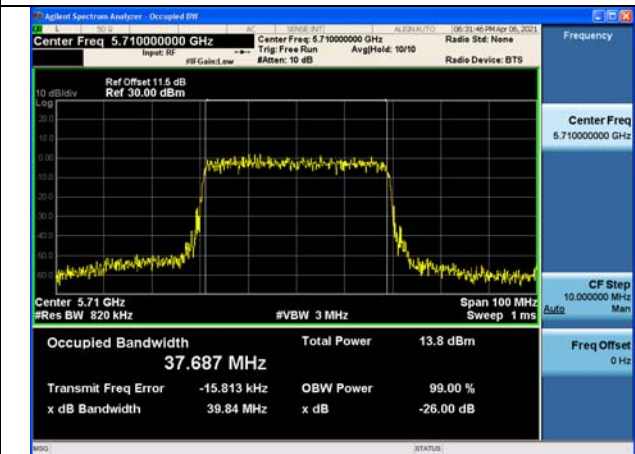
Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8



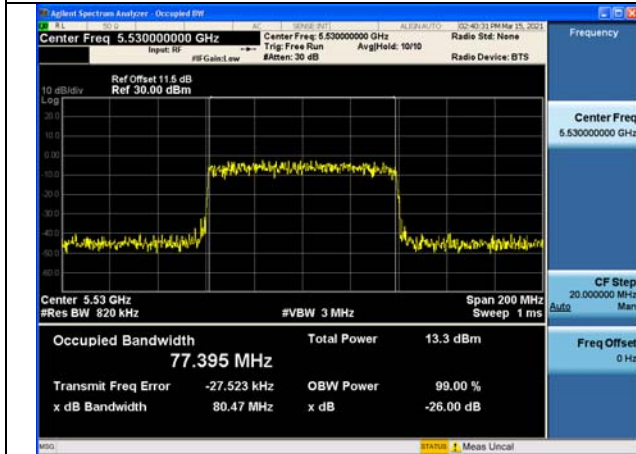
Test Mode:802. 11ax HE40 Ant8



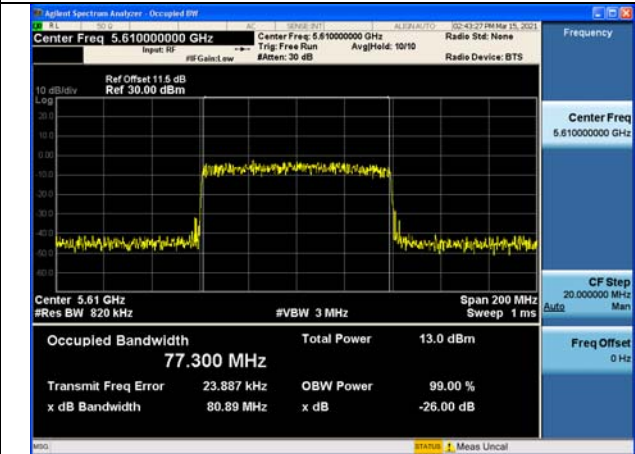
Test Mode:802.11ax HE80(996)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5530	Ant7	80.47
	Ant8	80.22
5610	Ant7	80.89
	Ant8	80.14
5690	Ant7	80.20
	Ant8	79.96

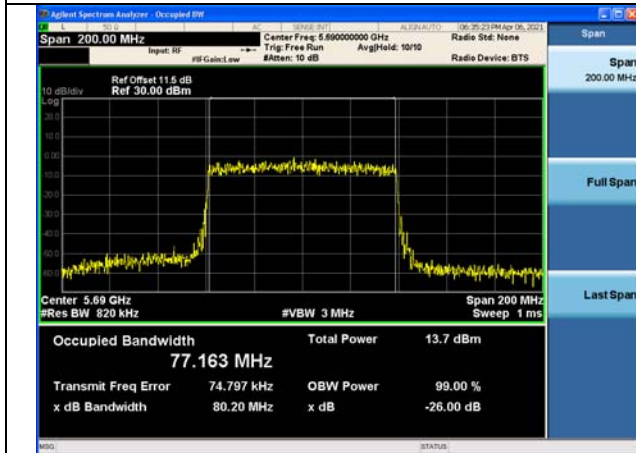
Test Mode:802.11ax HE80 Ant7



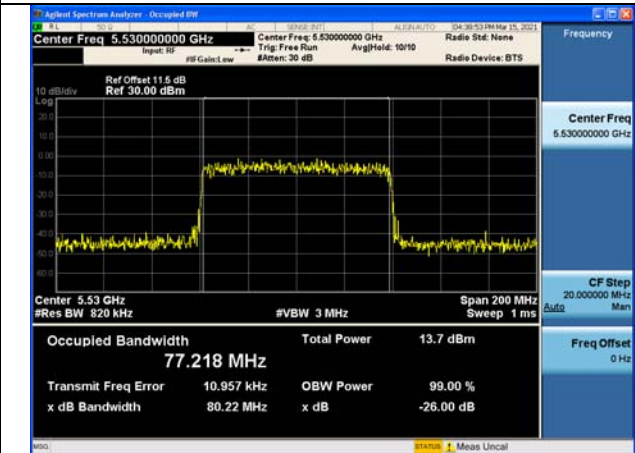
Test Mode:802.11ax HE80 Ant7



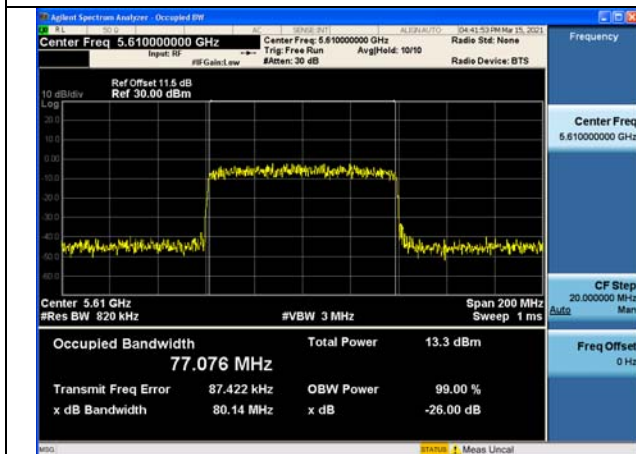
Test Mode:802.11ax HE80 Ant7



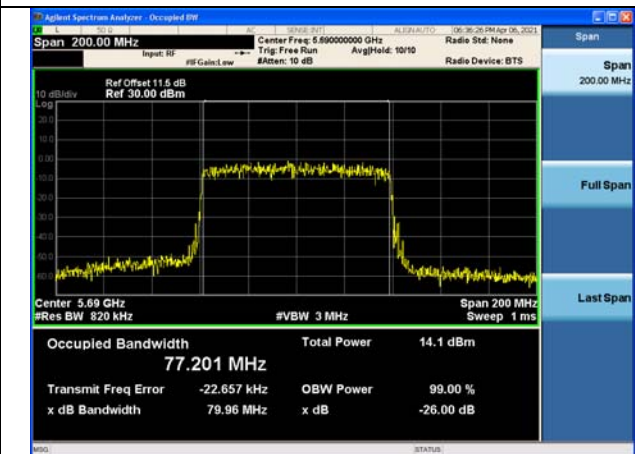
Test Mode:802.11ax HE80 Ant8



Test Mode:802.11ax HE80 Ant8



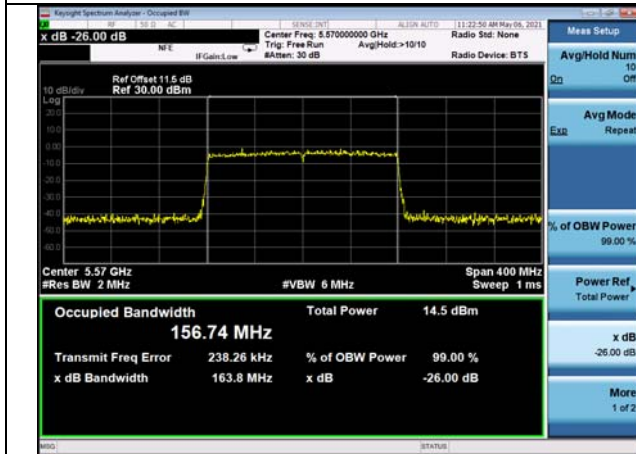
Test Mode:802.11ax HE80 Ant8



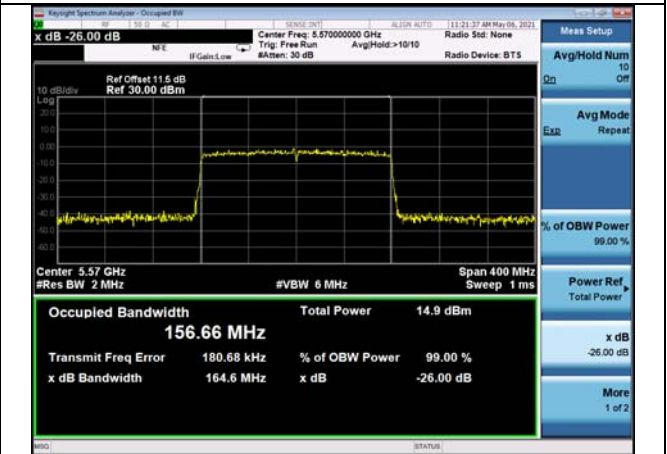
Test Mode:802.11ax HE160(1992)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5570	Ant7	163.8
	Ant8	164.6

Test Mode:802.11ax HE160 Ant7



Test Mode:802.11ax HE160 Ant8





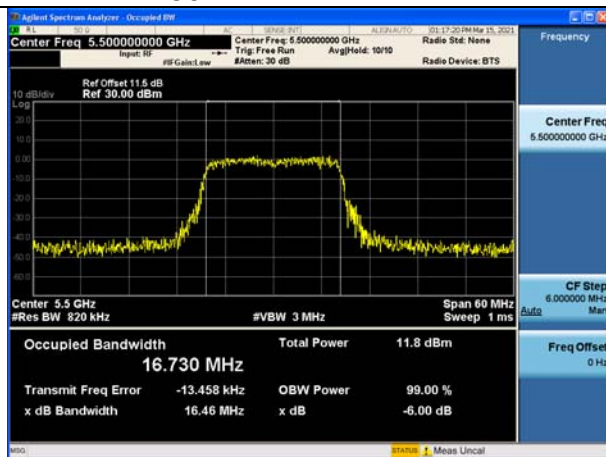
### Occupied Bandwidth

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

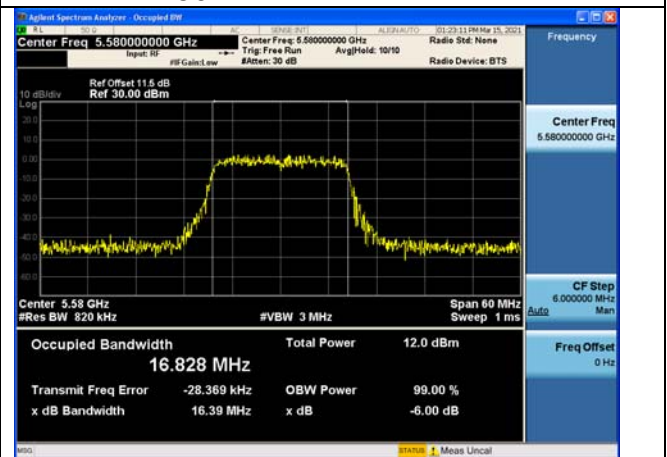
Test Mode:802.11a

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5500	Ant7	16.730
	Ant8	16.783
5580	Ant7	16.828
	Ant8	16.707
5700	Ant7	16.735
	Ant8	16.702
5720	Ant7	16.753
	Ant8	16.736

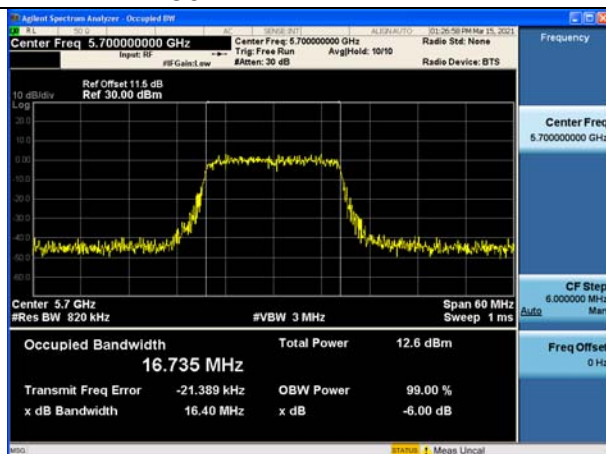
Test Mode:802.11a Ant7



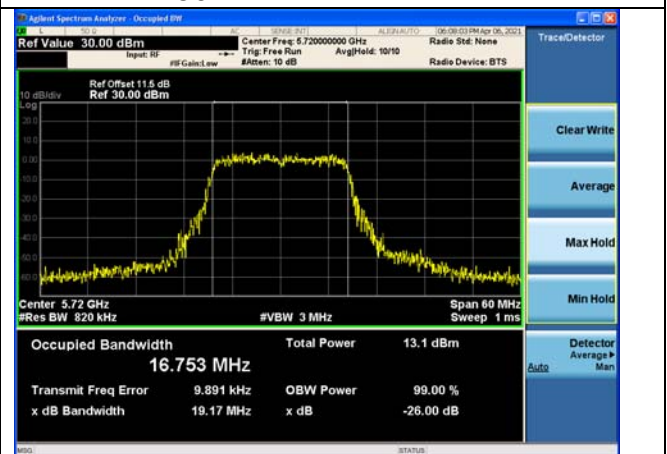
Test Mode:802.11a Ant7

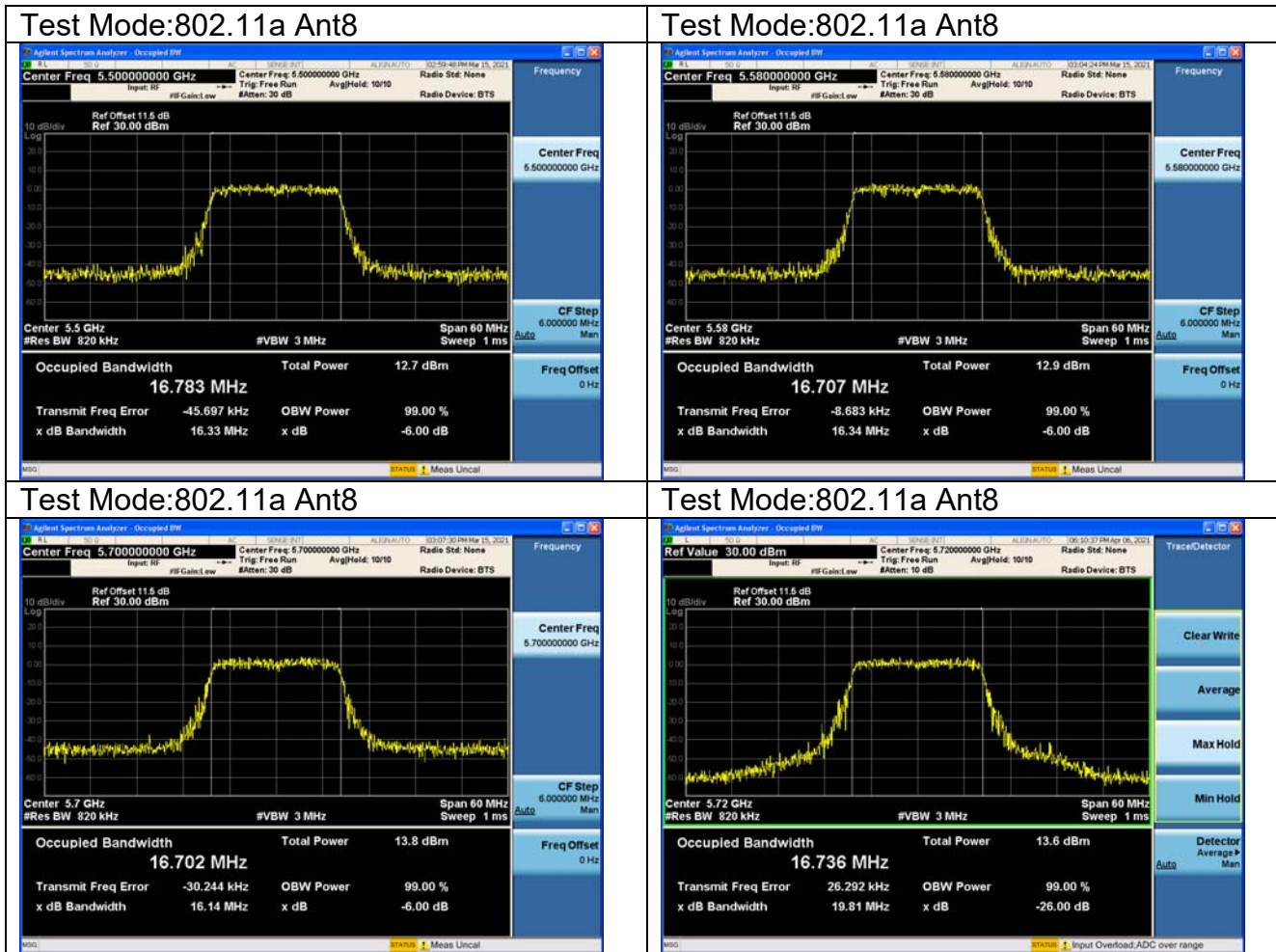


Test Mode:802.11a Ant7



Test Mode:802.11a Ant7



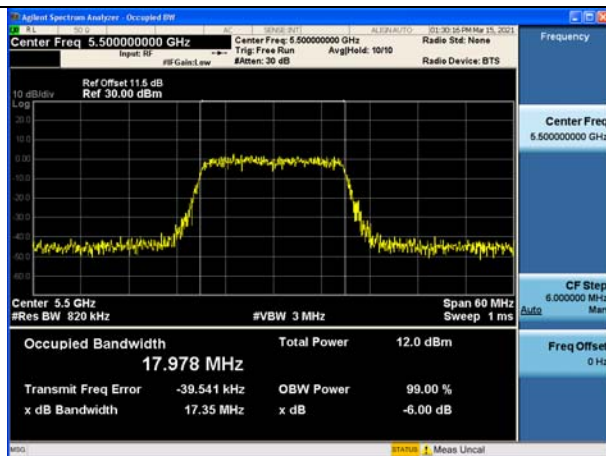




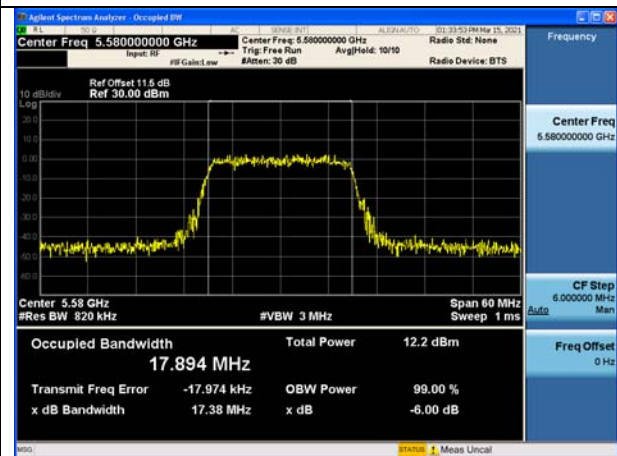
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5500	Ant7	17.978
	Ant8	17.986
5580	Ant7	17.894
	Ant8	17.935
5700	Ant7	17.906
	Ant8	17.866
5720	Ant7	17.938
	Ant8	18.001

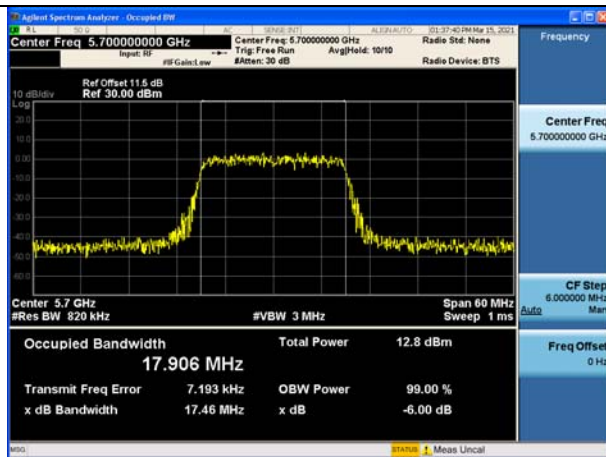
Test Mode:802. 11n HT20 Ant7



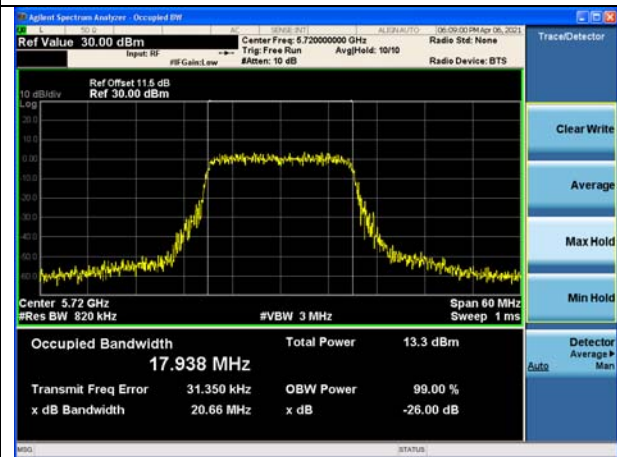
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

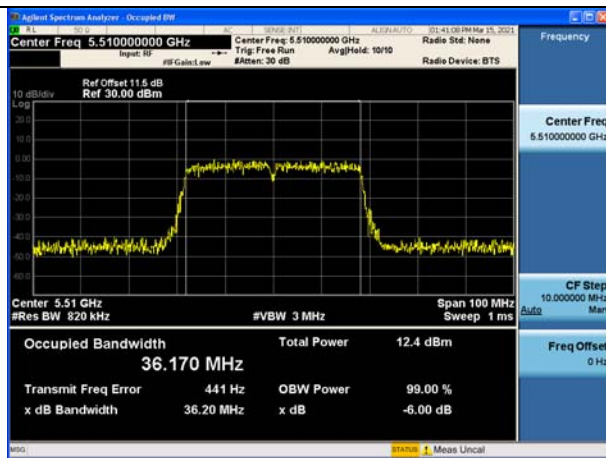




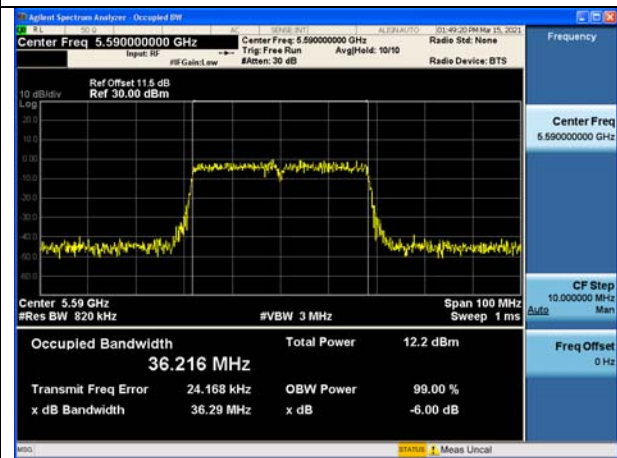
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5510	Ant7	36.170
	Ant8	36.109
5590	Ant7	36.216
	Ant8	36.169
5670	Ant7	36.213
	Ant8	36.264
5710	Ant7	36.174
	Ant8	36.265

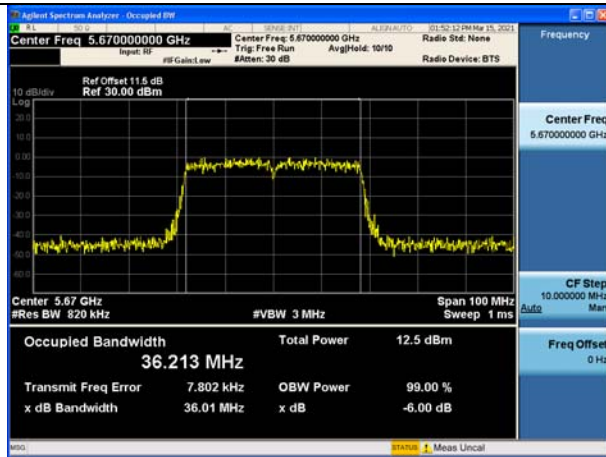
Test Mode:802. 11n HT40 Ant7



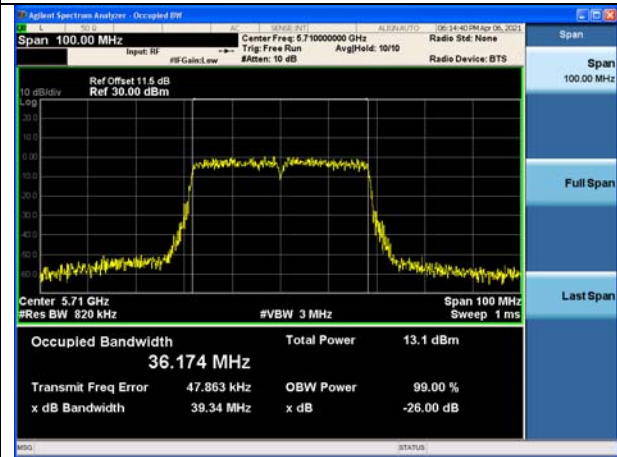
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant7

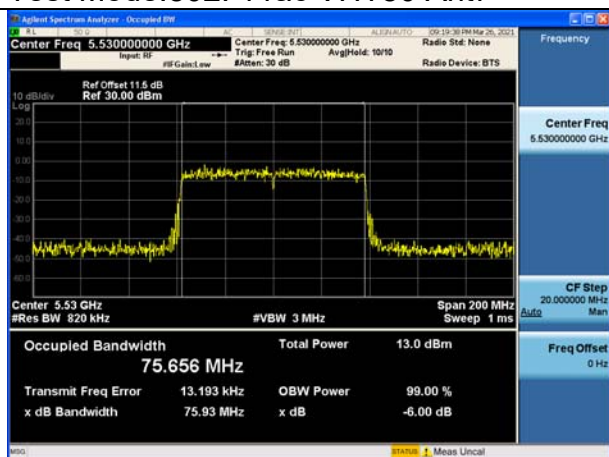




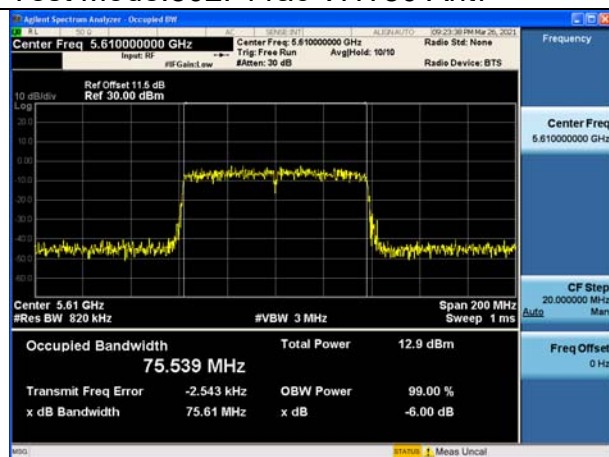
Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5530	Ant7	75.656
	Ant8	75.590
5610	Ant7	75.539
	Ant8	75.509
5690	Ant7	75.635
	Ant8	75.327

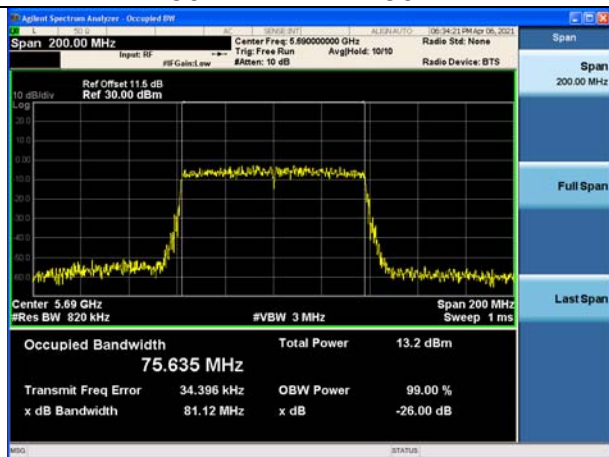
Test Mode:802. 11ac VHT80 Ant7



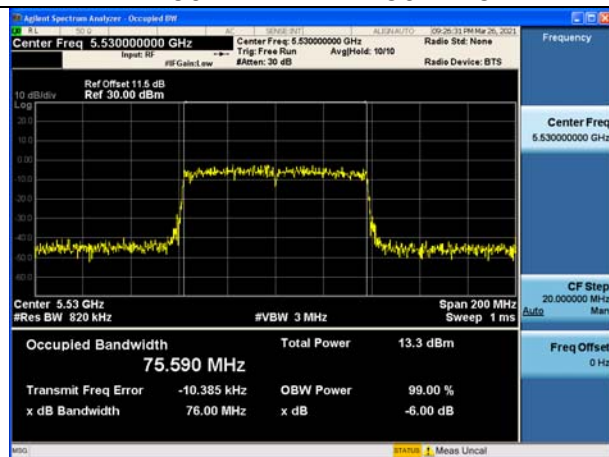
Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant7

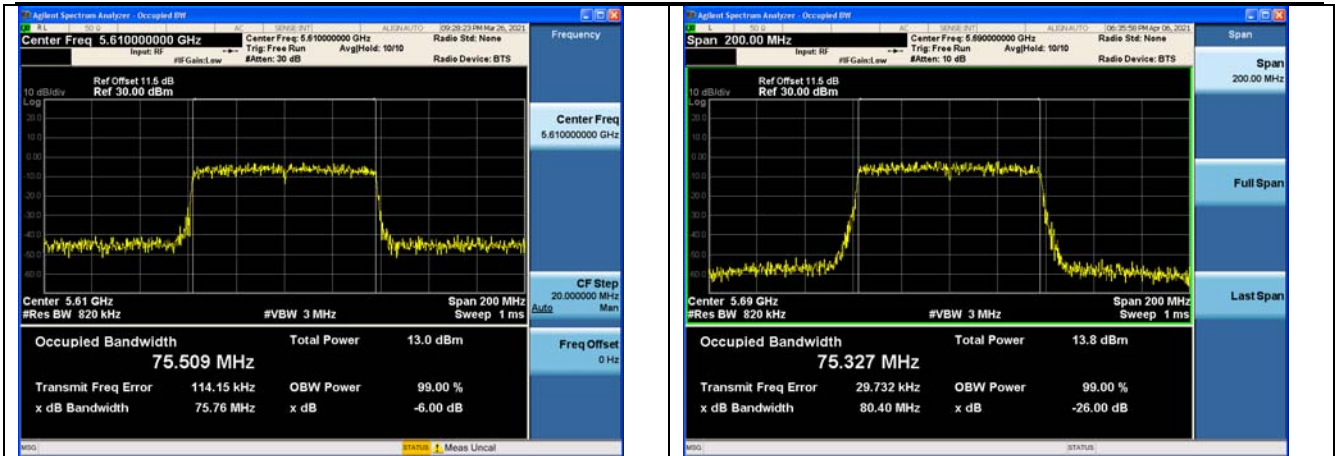


Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT80 Ant8

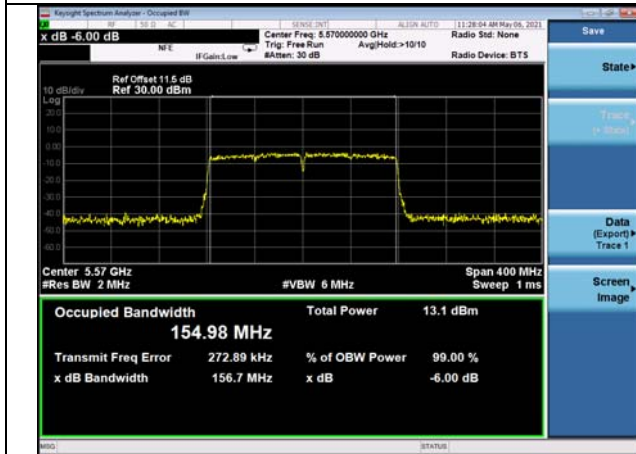
Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT160

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5570	Ant7	154.98
	Ant8	154.90

Test Mode:802. 11ac VHT160 Ant7



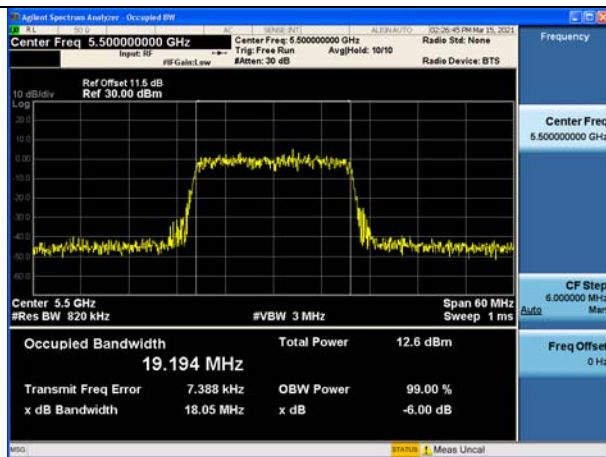
Test Mode:802. 11ac VHT160 Ant8



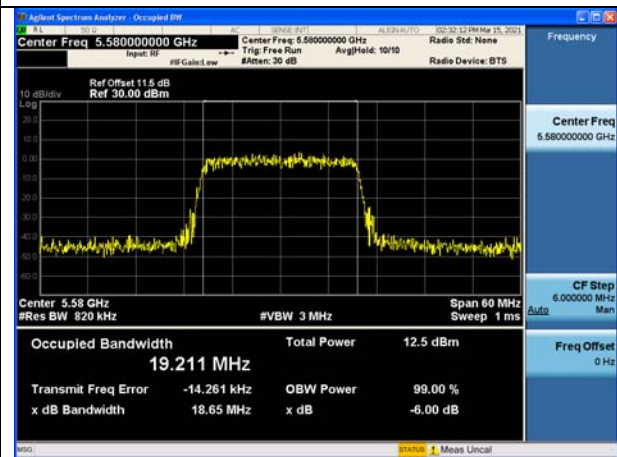
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5500	Ant7	19.194
	Ant8	19.194
5580	Ant7	19.211
	Ant8	19.219
5700	Ant7	19.203
	Ant8	19.189
5720	Ant7	19.144
	Ant8	19.222

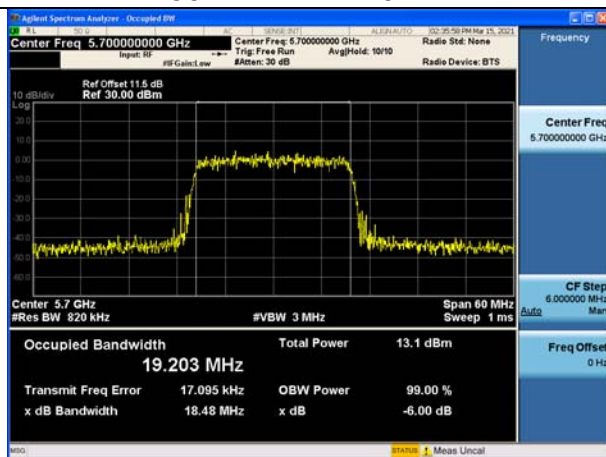
Test Mode:802.11ax HE20 Ant7



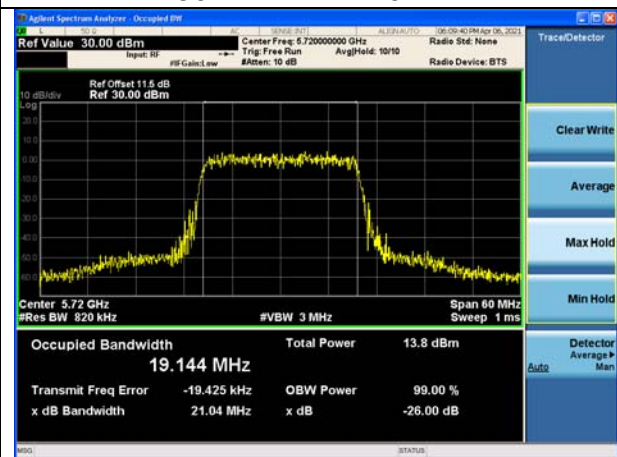
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7



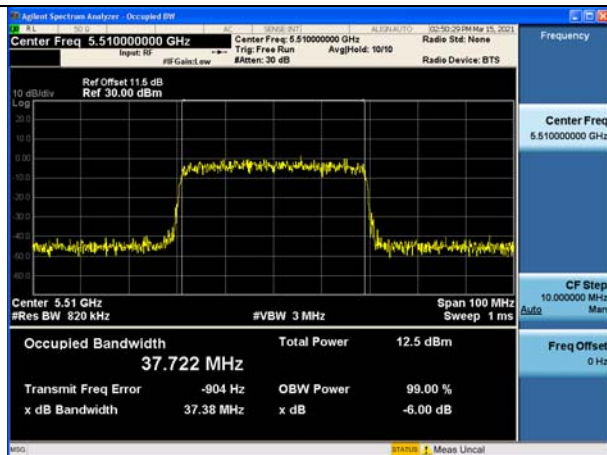




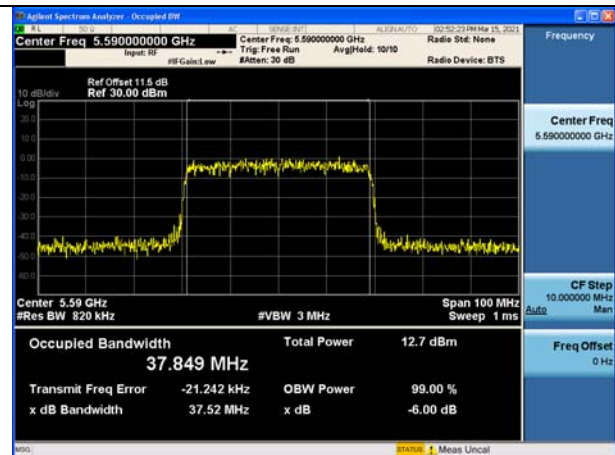
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5510	Ant7	37.722
	Ant8	37.798
5590	Ant7	37.849
	Ant8	37.811
5670	Ant7	37.756
	Ant8	37.889
5710	Ant7	37.891
	Ant8	37.687

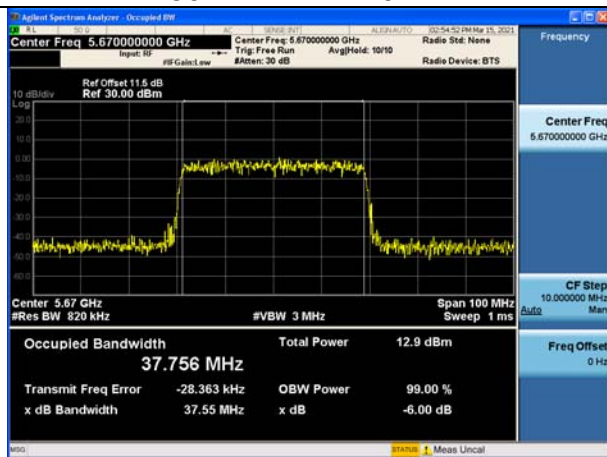
Test Mode:802.11ax HE40 Ant7



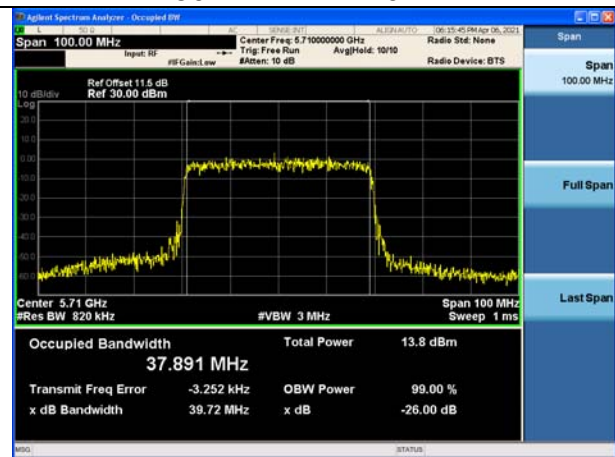
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant7



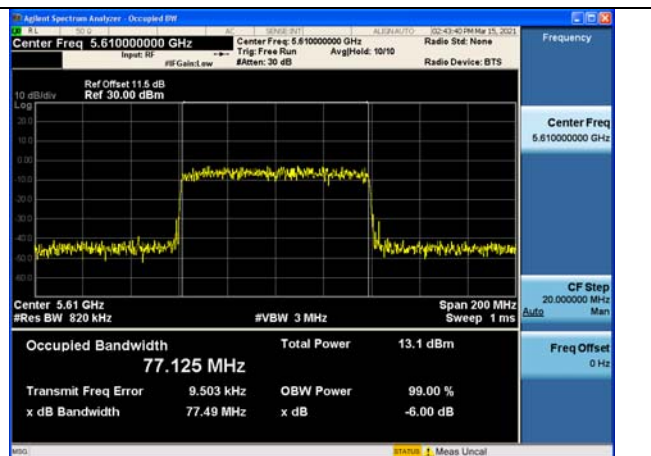
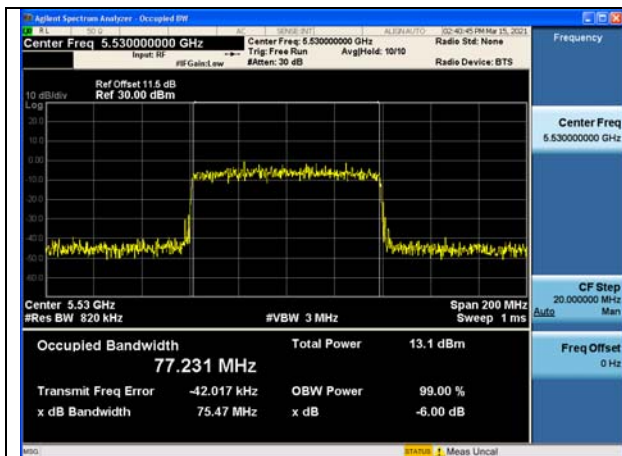
Test Mode:802.11ax HE40 Ant7





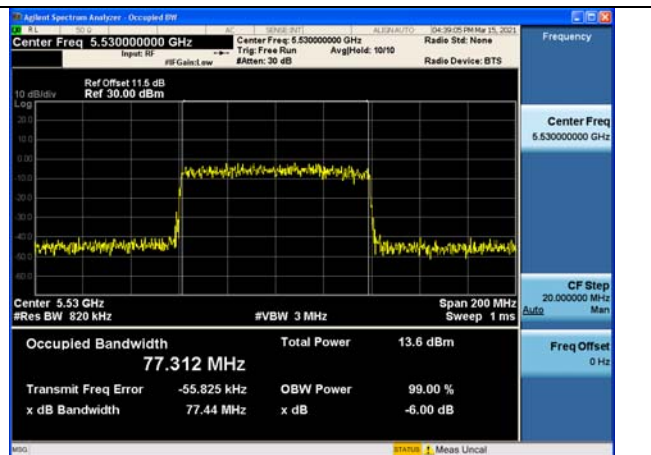
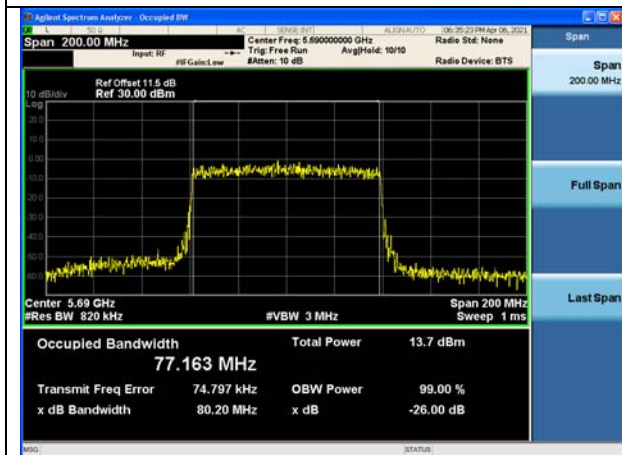
Test Mode:802.11ax HE80(996)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5530	Ant7	77.231
	Ant8	77.312
5610	Ant7	77.125
	Ant8	77.128
5690	Ant7	77.163
	Ant8	77.201



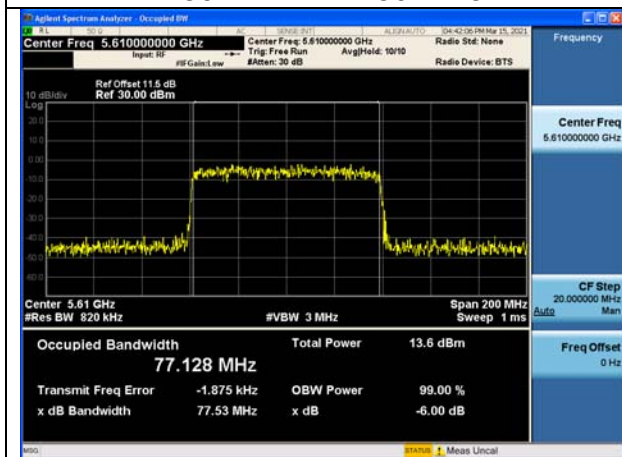
Test Mode:802.11ax HE80 Ant7

Test Mode:802.11ax HE80 Ant8



Test Mode:802.11ax HE80 Ant8

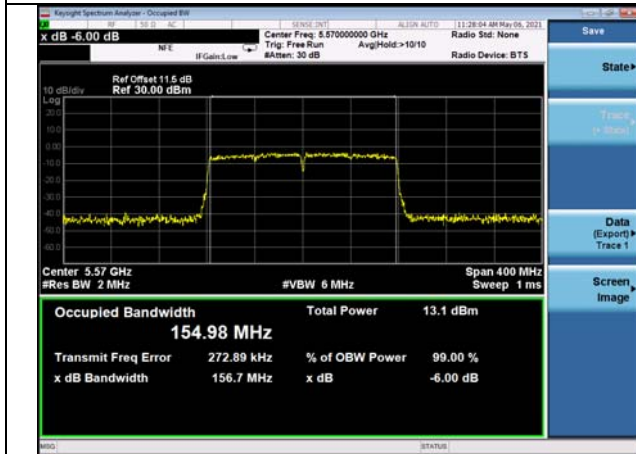
Test Mode:802.11ax HE80 Ant8



Test Mode:802. 11ac VHT160

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5570	Ant7	154.98
	Ant8	154.90

Test Mode:802. 11ac VHT160 Ant7



Test Mode:802. 11ac VHT160 Ant8



## Transmitter Power Spectral Density

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

Test Mode:802.11a

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Limit (dBm)	Power Density (dBm)
5500	0.05	Ant7	11dBm/MHz	-2.700
		Ant8		-1.674
		Ant7+Ant8		0.854
Ant7		-2.802		
5580		Ant8		-1.823
		Ant7+Ant8		0.725
		Ant7		-2.076
5700		Ant8		-0.925
		Ant7+Ant8		1.548
		Ant7	-2.302	
5720		Ant8	-1.806	
		Ant7+Ant8	0.963	
		5720	Ant7	30dBm/500kHz
Ant8			-4.779	
Ant7+Ant8			-1.960	



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:802.11a Ant8





Test Mode:802. 11n HT20

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Limit (dBm)	Power Density (dBm)
5500	0.02	Ant7	11dBm/MHz	-2.893
		Ant8		-1.957
		Ant7+Ant8		0.610
5580		Ant7		-2.535
		Ant8		-1.935
		Ant7+Ant8		0.786
5700		Ant7		-2.312
		Ant8		-1.098
		Ant7+Ant8		1.348
5720		Ant7		-2.667
		Ant8		-2.251
		Ant7+Ant8		0.556
5720	Ant7	30dBm/500kHz	-5.524	
	Ant8	-5.182		
	Ant7+Ant8	-2.339		

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 Ant7



Test Mode:802. 11n HT20 Ant8



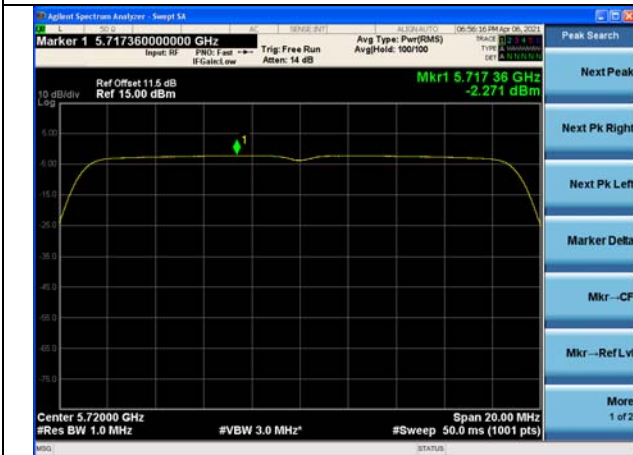
Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT40

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Limit (dBm)	Power Density (dBm)
5510	0.02	Ant7	11dBm/MHz	-5.911
		Ant8		-5.062
		Ant7+Ant8		-2.455
5590		Ant7		-5.848
		Ant8		-5.140
		Ant7+Ant8		-2.469
5670		Ant7		-5.440
		Ant8		-4.624
		Ant7+Ant8		-2.003
5710		Ant7	-5.578	
		Ant8	-5.128	
		Ant7+Ant8	-2.337	
5710	Ant7	30dBm/500kHz	-8.481	
	Ant8	-8.068		
	Ant7+Ant8	-5.259		

Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant7



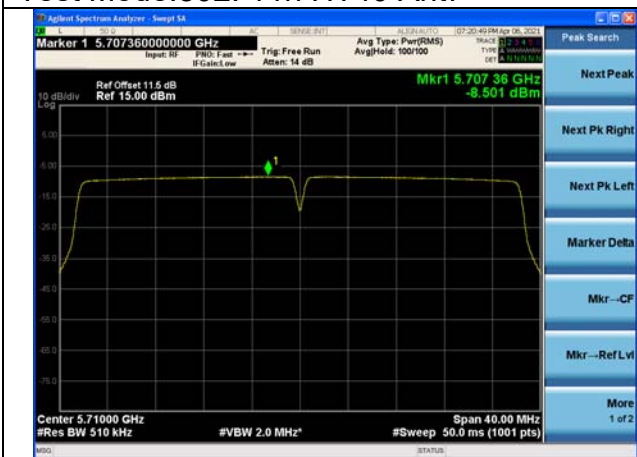
Test Mode:802. 11n HT40 Ant7



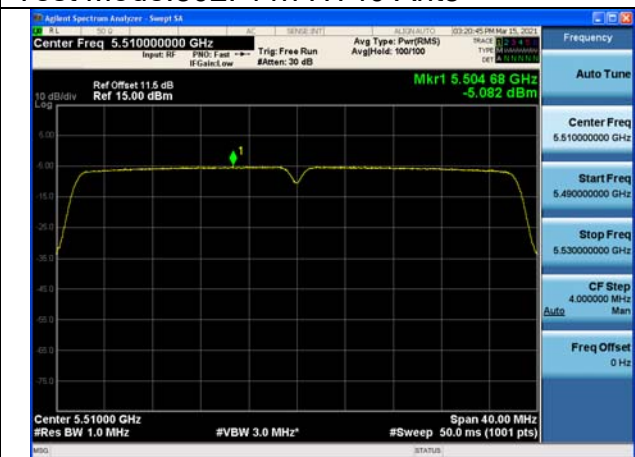
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



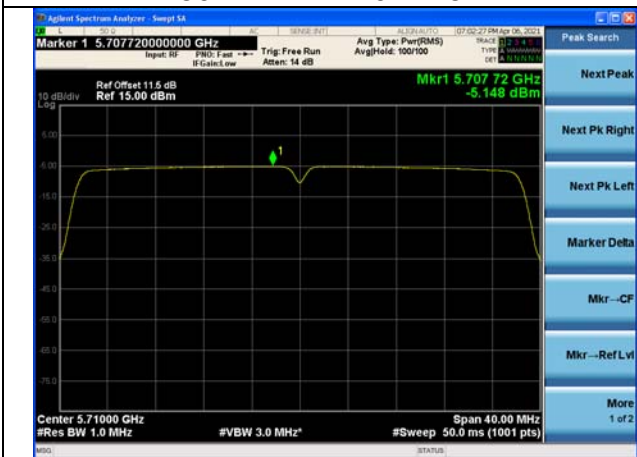
Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11n HT40 Ant8



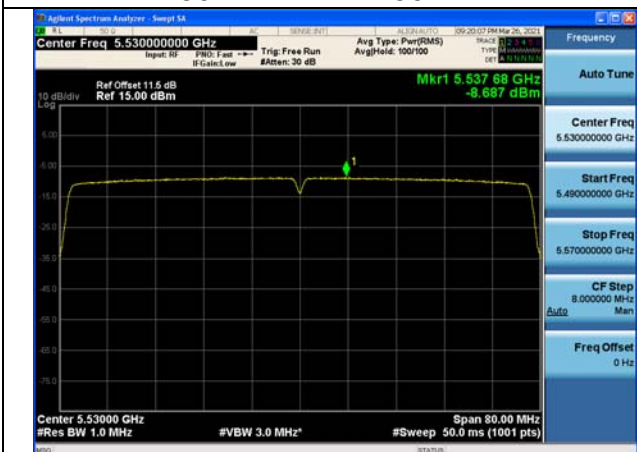
Test Mode:802. 11n HT40 Ant8



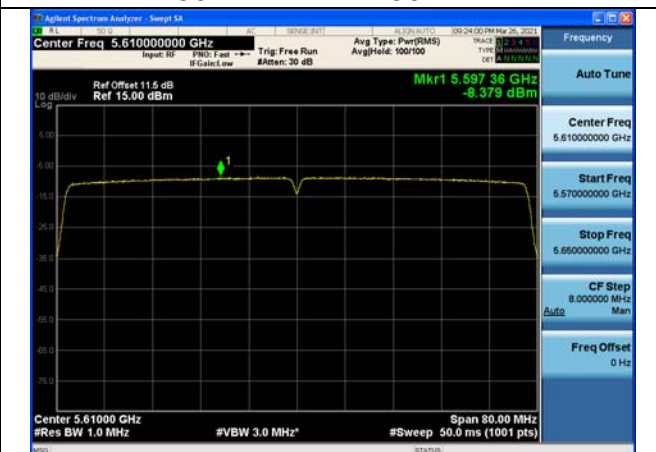
Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Limit (dBm)	Power Density (dBm)
5530	0.02	Ant7	11dBm/MHz	-8.667
		Ant8		-8.480
		Ant7+Ant8		-5.562
Ant7		-8.359		
Ant8		-8.320		
Ant7+Ant8		-5.329		
5610		Ant7	-8.752	
			Ant8	-8.295
			Ant7+Ant8	-5.507
5690	Ant7	-11.663		
		Ant8	-11.391	
		Ant7+Ant8	-8.515	

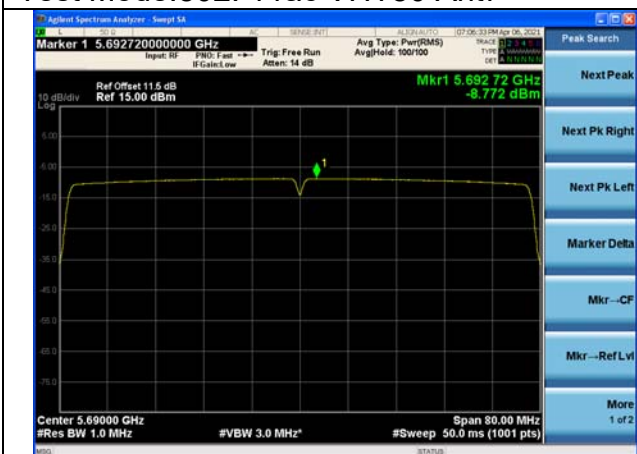
Test Mode:802. 11ac VHT80 Ant7



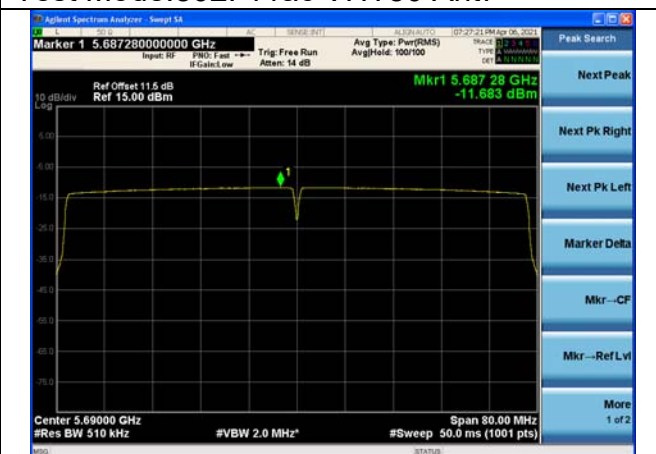
Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant7



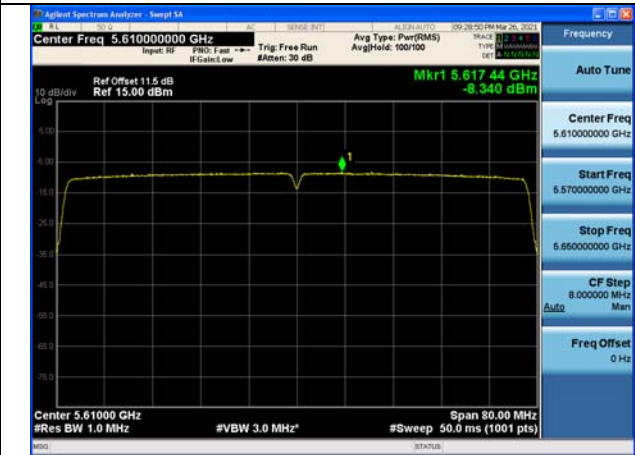
Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT80 Ant8



Test Mode:802. 11ac VHT160

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5570	0.02	Ant7	-11.772
		Ant8	-11.856
		Ant7+Ant8	-8.803

Test Mode:802. 11ac VHT160 Ant7



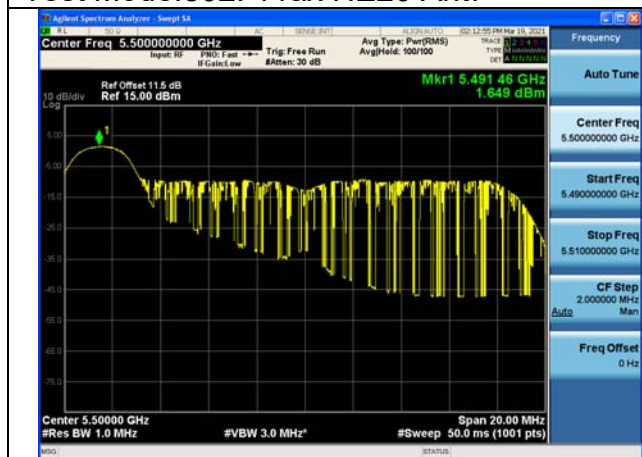
Test Mode:802. 11ac VHT160 Ant8



Test Mode:802.11ax HE20(26T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Limit (dBm)	Power Density (dBm)
5500	0.02	Ant7	11dBm/MHz	1.669
		Ant8		1.339
		Ant7+Ant8		4.517
5580		Ant7		1.658
		Ant8		1.086
		Ant7+Ant8		4.392
5700		Ant7		2.175
		Ant8		2.137
		Ant7+Ant8		5.166
5720		Ant7	2.814	
		Ant8	3.134	
		Ant7+Ant8	5.987	
5720	30dBm/500kHz	Ant7	-0.155	
		Ant8	0.275	
		Ant7+Ant8	3.076	

Test Mode:802.11ax HE20 Ant7



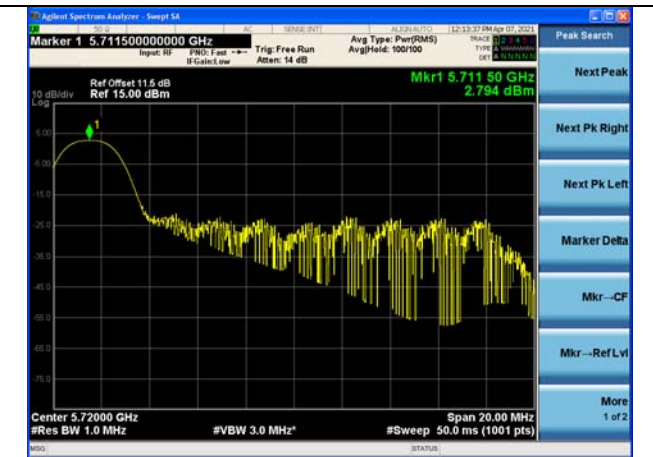
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

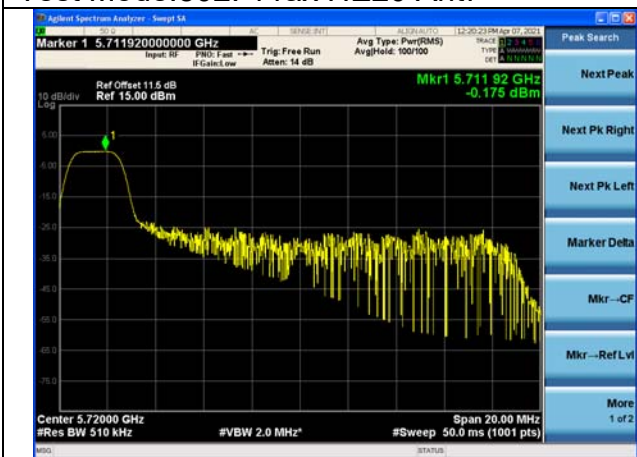


Test Mode:802.11ax HE20 Ant7





Test Mode:802. 11ax HE20 Ant7



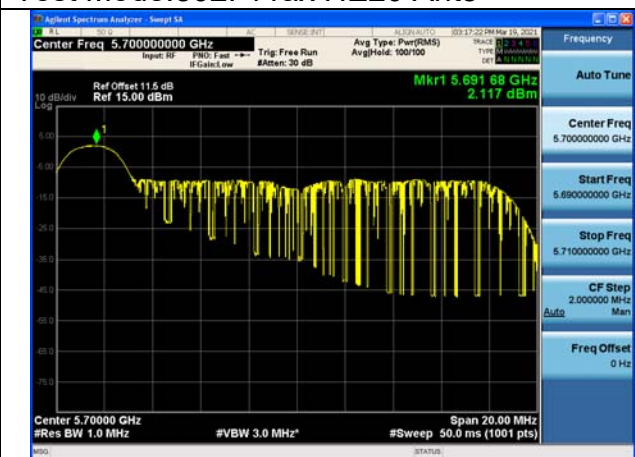
Test Mode:802. 11ax HE20 Ant8



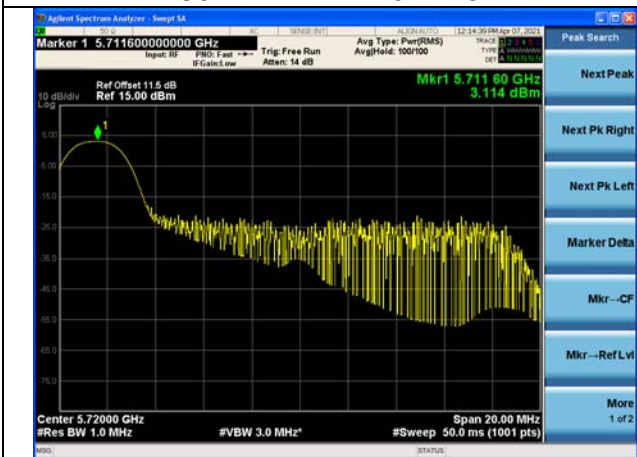
Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

