

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)
802.11a	5745	98.74%	0.06
802.11n HT20	5745	99.57%	0.02
802.11n HT40	5755	99.53%	0.02
802.11ac VHT80	5775	99.47%	0.02
802.11ax HE20	5745	99.54%	0.02
802.11ax HE40	5755	99.55%	0.02
802.11ax HE80	5775	99.46%	0.02

**Output Power
NII3**

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5720	Ant7	9.13	9.03
			Ant8	9.54	9.94
		5745	Ant7	11.11	11.01
			Ant8	11.06	11.56
		5785	Ant7	11.09	10.99
			Ant8	11.16	11.66
5825	Ant7	11.19	11.09		
	Ant8	11.37	11.87		
802.11n20M	NA	5720	Ant7	9.04	8.94
			Ant8	9.45	9.85
			Ant7+Ant8	12.26	12.43
		5745	Ant7	11.07	10.97
			Ant8	11.13	11.63
			Ant7+Ant8	14.11	14.32
		5785	Ant7	11.14	11.04
			Ant8	11.50	12.00
			Ant7+Ant8	14.33	14.56
5825	Ant7	11.20	11.10		
	Ant8	11.31	11.81		
	Ant7+Ant8	14.27	14.48		
802.11n40M	NA	5710	Ant7	9.20	9.10
			Ant8	9.52	9.92
			Ant7+Ant8	12.37	12.54
		5755	Ant7	11.15	11.05
			Ant8	11.30	11.80
			Ant7+Ant8	14.24	14.45
		5795	Ant7	11.12	11.02
			Ant8	11.50	12.00
			Ant7+Ant8	14.32	14.55
802.11ac80M	NA	5690	Ant7	9.14	9.04
			Ant8	9.53	9.93
			Ant7+Ant8	12.35	12.52
		5775	Ant7	11.28	11.18
			Ant8	11.47	11.97
			Ant7+Ant8	14.39	14.60

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax20M	26T/0	5745	Ant7	7.34	7.24
			Ant8	7.43	7.83
			Ant7+Ant8	10.40	10.56
		5785	Ant7	7.30	7.20
			Ant8	7.16	7.56
			Ant7+Ant8	10.24	10.39
		5825	Ant7	7.36	7.26
			Ant8	7.02	7.42
			Ant7+Ant8	10.20	10.35
	26T/4	5745	Ant7	6.94	6.84
			Ant8	6.88	7.28
			Ant7+Ant8	9.92	10.08
		5785	Ant7	6.75	6.65
			Ant8	6.70	7.10
			Ant7+Ant8	9.74	9.89
		5825	Ant7	6.71	6.61
			Ant8	6.45	6.85
			Ant7+Ant8	9.59	9.74
	26T/8	5745	Ant7	7.26	7.16
			Ant8	7.25	7.65
			Ant7+Ant8	10.27	10.42
		5785	Ant7	7.13	7.03
			Ant8	7.16	7.56
			Ant7+Ant8	10.16	10.31
		5825	Ant7	7.04	6.94
			Ant8	6.69	7.09
			Ant7+Ant8	9.88	10.03
	52T/37	5745	Ant7	7.22	7.12
			Ant8	7.22	7.62
			Ant7+Ant8	10.23	10.39
		5785	Ant7	7.09	6.99
			Ant8	7.09	7.49
			Ant7+Ant8	10.10	10.26
		5825	Ant7	7.04	6.94
			Ant8	6.91	7.31
			Ant7+Ant8	9.99	10.14

	52T/39	5745	Ant7	6.76	6.66
			Ant8	6.97	7.37
			Ant7+Ant8	9.88	10.04
		5785	Ant7	6.90	6.80
			Ant8	6.78	7.18
			Ant7+Ant8	9.85	10.00
		5825	Ant7	6.63	6.53
			Ant8	6.42	6.82
			Ant7+Ant8	9.54	9.69
	52T/40	5745	Ant7	7.07	6.97
			Ant8	7.10	7.50
			Ant7+Ant8	10.10	10.25
		5785	Ant7	7.01	6.91
			Ant8	7.02	7.42
			Ant7+Ant8	10.03	10.18
		5825	Ant7	6.85	6.75
			Ant8	6.66	7.06
			Ant7+Ant8	9.77	9.92
	106T/53	5745	Ant7	7.03	6.93
			Ant8	7.12	7.52
			Ant7+Ant8	10.09	10.25
		5785	Ant7	7.17	7.07
			Ant8	7.11	7.51
			Ant7+Ant8	10.15	10.31
5825		Ant7	7.12	7.02	
		Ant8	6.87	7.27	
		Ant7+Ant8	10.01	10.16	
106T/54	5745	Ant7	7.08	6.98	
		Ant8	7.15	7.55	
		Ant7+Ant8	10.13	10.28	
	5785	Ant7	7.15	7.05	
		Ant8	6.98	7.38	
		Ant7+Ant8	10.08	10.23	
	5825	Ant7	7.03	6.93	
		Ant8	6.81	7.21	
		Ant7+Ant8	9.93	10.08	
242T/61	5720	Ant7	9.16	9.06	
		Ant8	9.54	9.94	
		Ant7+Ant8	12.36	12.53	

	5745	Ant7	10.89	10.79
		Ant8	11.60	12.00
		Ant7+Ant8	14.27	14.45
	5785	Ant7	11.07	10.97
		Ant8	11.41	11.81
		Ant7+Ant8	14.25	14.42
	5825	Ant7	11.13	11.03
		Ant8	11.51	11.91
		Ant7+Ant8	14.33	14.50

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax40M	26T/0	5755	Ant7	7.22	7.12
			Ant8	7.34	7.84
			Ant7+Ant8	10.29	10.51
		5795	Ant7	7.04	6.94
			Ant8	7.30	7.80
			Ant7+Ant8	10.18	10.40
	26T/10	5755	Ant7	6.98	6.88
			Ant8	6.94	7.44
			Ant7+Ant8	9.97	10.18
		5795	Ant7	6.89	6.79
			Ant8	6.87	7.37
			Ant7+Ant8	9.89	10.10
	26T/17	5755	Ant7	7.30	7.20
			Ant8	7.15	7.65
			Ant7+Ant8	10.24	10.44
		5795	Ant7	6.97	6.87
			Ant8	6.96	7.46
			Ant7+Ant8	9.98	10.19
	52T/37	5755	Ant7	7.33	7.23
			Ant8	7.42	7.92
			Ant7+Ant8	10.39	10.60
		5795	Ant7	7.32	7.22
			Ant8	7.45	7.95
			Ant7+Ant8	10.40	10.61
52T/41	5755	Ant7	7.06	6.96	
		Ant8	7.00	7.50	
		Ant7+Ant8	10.04	10.25	

	5795	Ant7	6.91	6.81	
		Ant8	7.00	7.50	
		Ant7+Ant8	9.97	10.18	
	52T/44	5755	Ant7	7.25	7.15
			Ant8	7.25	7.75
			Ant7+Ant8	10.26	10.47
		5795	Ant7	7.10	7.00
			Ant8	7.00	7.50
			Ant7+Ant8	10.06	10.27
	106T/53	5755	Ant7	7.28	7.18
			Ant8	7.52	8.02
			Ant7+Ant8	10.41	10.63
		5795	Ant7	7.17	7.07
			Ant8	7.40	7.90
			Ant7+Ant8	10.30	10.52
	106T/55	5755	Ant7	7.12	7.02
			Ant8	7.14	7.64
			Ant7+Ant8	10.14	10.35
		5795	Ant7	7.06	6.96
			Ant8	6.97	7.47
			Ant7+Ant8	10.03	10.23
	106T/56	5755	Ant7	7.17	7.07
			Ant8	7.25	7.75
			Ant7+Ant8	10.22	10.43
5795		Ant7	7.00	6.90	
		Ant8	7.02	7.52	
		Ant7+Ant8	10.02	10.23	
242T/61	5755	Ant7	7.06	6.96	
		Ant8	7.26	7.76	
		Ant7+Ant8	10.17	10.39	
	5795	Ant7	6.95	6.85	
		Ant8	7.14	7.64	
		Ant7+Ant8	10.06	10.27	
242T/62	5755	Ant7	7.09	6.99	
		Ant8	7.06	7.56	
		Ant7+Ant8	10.09	10.29	
	5795	Ant7	6.97	6.87	
		Ant8	6.87	7.37	
		Ant7+Ant8	9.93	10.14	

	484T/65	5710	Ant7	9.08	8.98
			Ant8	9.48	9.88
			Ant7+Ant8	12.29	12.46
		5755	Ant7	10.75	10.65
			Ant8	11.40	11.90
			Ant7+Ant8	14.10	14.33
		5795	Ant7	10.65	10.55
			Ant8	11.58	12.08
			Ant7+Ant8	14.15	14.39

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax80M	996T/67	5690	Ant7	9.21	9.35
			Ant8	9.61	9.75
			Ant7+Ant8	12.42	12.56
	26T/0	5775	Ant7	7.14	7.04
			Ant8	7.35	7.85
			Ant7+Ant8	10.26	10.47
	26T/18	Ant7	6.95	6.85	
		Ant8	6.97	7.47	
		Ant7+Ant8	9.97	10.18	
	26T/36	Ant7	7.13	7.03	
		Ant8	6.71	7.21	
		Ant7+Ant8	9.94	10.13	
	52T/37	Ant7	7.36	7.26	
		Ant8	7.34	7.84	
		Ant7+Ant8	10.36	10.57	
	52T/45	Ant7	7.03	6.93	
		Ant8	7.02	7.52	
		Ant7+Ant8	10.04	10.25	
	52T/52	Ant7	7.00	6.90	
		Ant8	6.75	7.25	
		Ant7+Ant8	9.89	10.09	
	106T/53	Ant7	7.20	7.10	
		Ant8	7.15	7.65	
		Ant7+Ant8	10.19	10.39	
	106T/57	Ant7	7.00	6.90	
		Ant8	6.90	7.40	
		Ant7+Ant8	9.96	10.17	

	106T/60	Ant7	7.32	7.22
		Ant8	6.80	7.30
		Ant7+Ant8	10.08	10.27
	242T/61	Ant7	7.12	7.02
		Ant8	7.13	7.63
		Ant7+Ant8	10.14	10.35
	242T/63	Ant7	7.10	7.00
		Ant8	6.86	7.36
		Ant7+Ant8	9.99	10.19
	242T/64	Ant7	6.99	6.89
		Ant8	6.71	7.21
		Ant7+Ant8	9.86	10.06
	484T/65	Ant7	7.02	6.92
		Ant8	7.06	7.56
		Ant7+Ant8	10.05	10.26
	484T/66	Ant7	7.03	6.93
		Ant8	6.73	7.23
		Ant7+Ant8	9.89	10.09
	996T/67	Ant7	10.97	10.87
		Ant8	11.23	11.73
		Ant7+Ant8	14.11	14.33

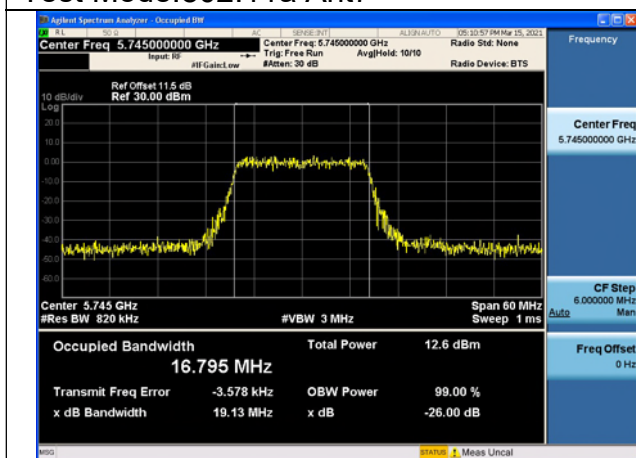
Emission Bandwidth

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

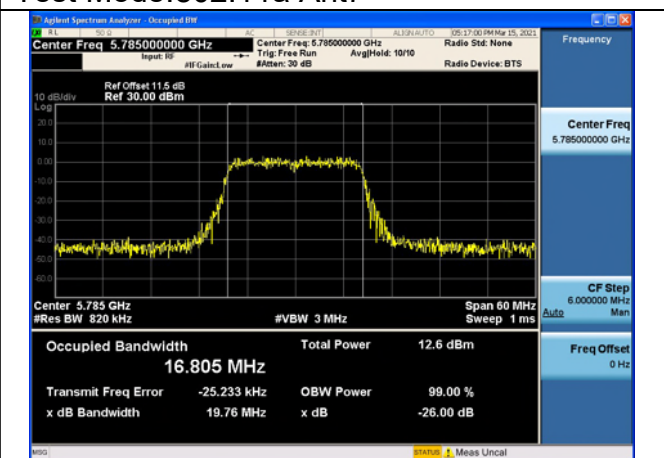
Test Mode:802.11a

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5745	Ant7	19.13
	Ant8	19.79
5785	Ant7	19.76
	Ant8	19.36
5825	Ant7	19.94
	Ant8	19.53

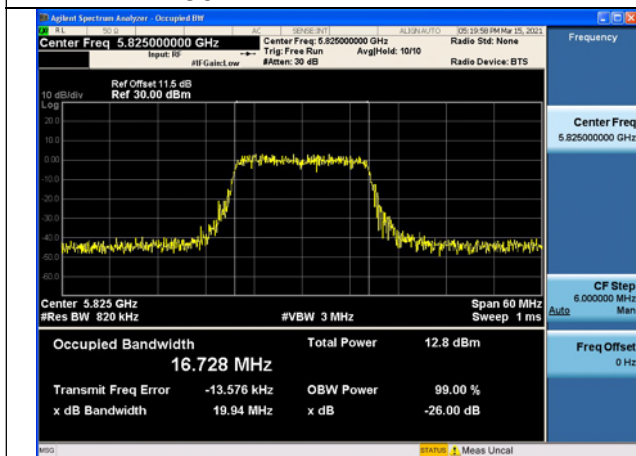
Test Mode:802.11a Ant7



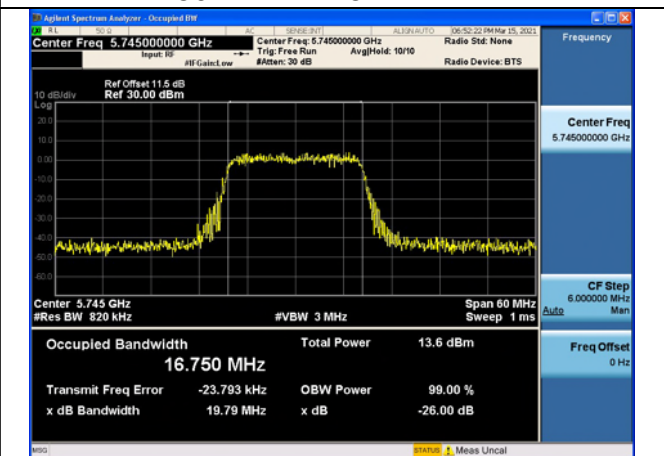
Test Mode:802.11a Ant7



Test Mode:802.11a Ant7

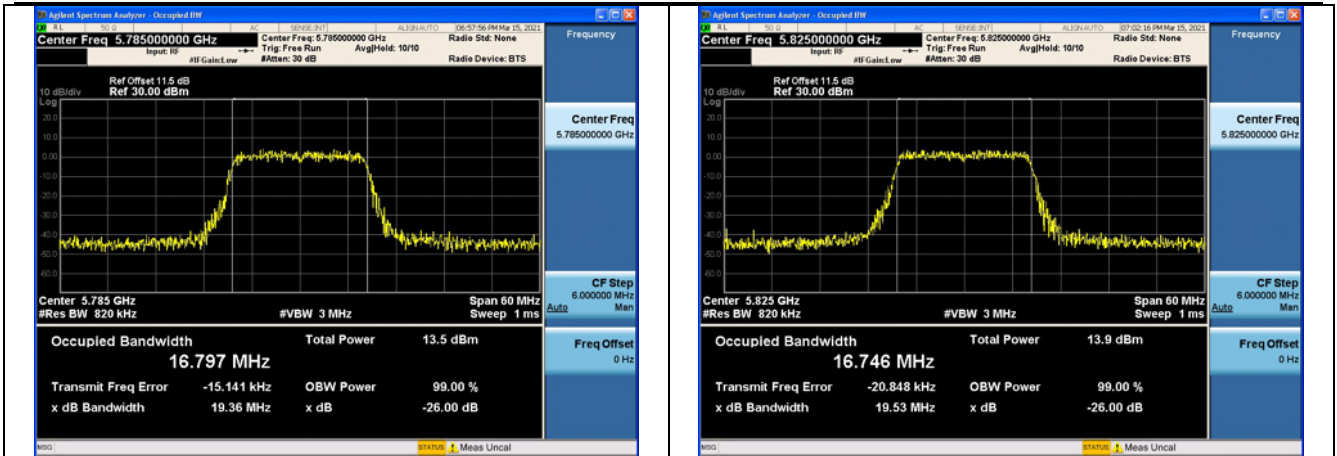


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

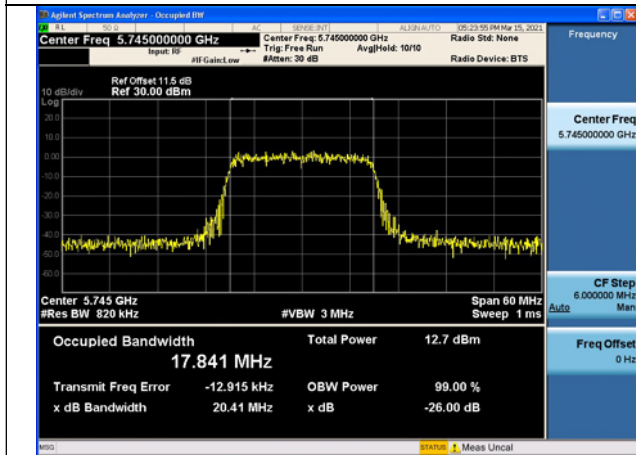
Test Mode:802.11a Ant8



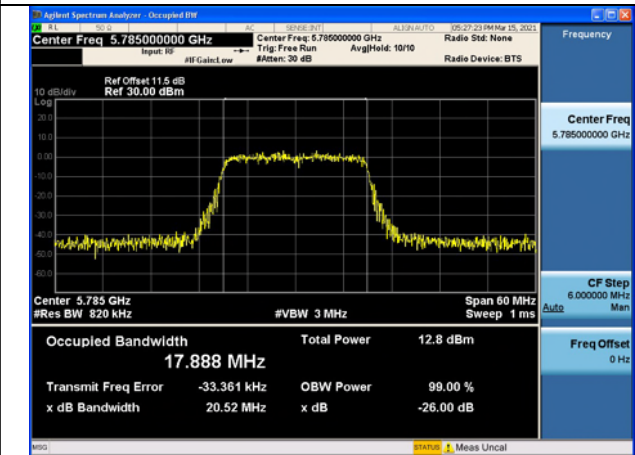
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5745	Ant7	20.41
	Ant8	20.58
5785	Ant7	20.52
	Ant8	20.48
5825	Ant7	20.48
	Ant8	20.98

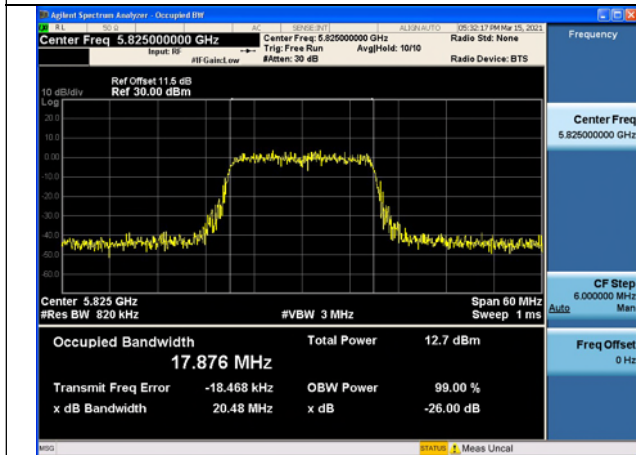
Test Mode:802. 11n HT20 Ant7



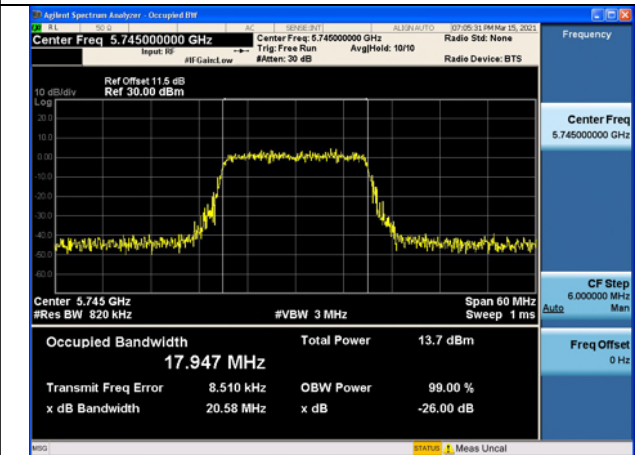
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

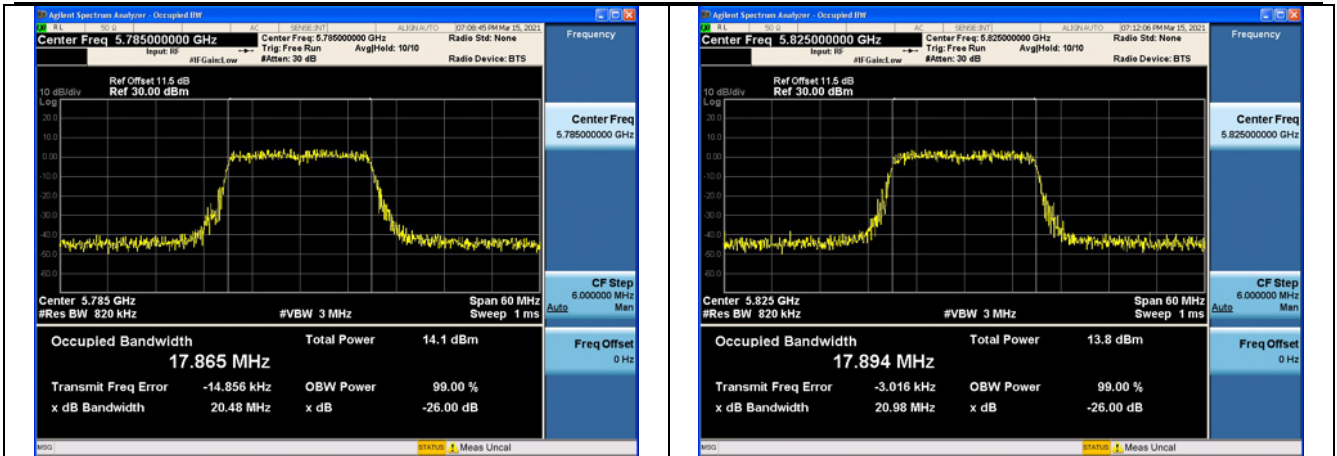


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

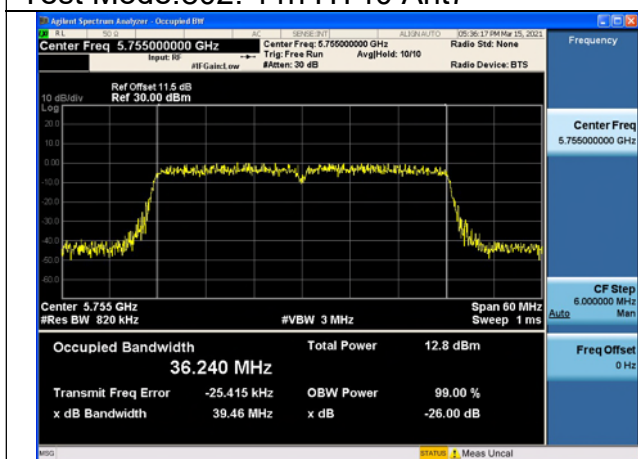
Test Mode:802. 11n HT20 Ant8



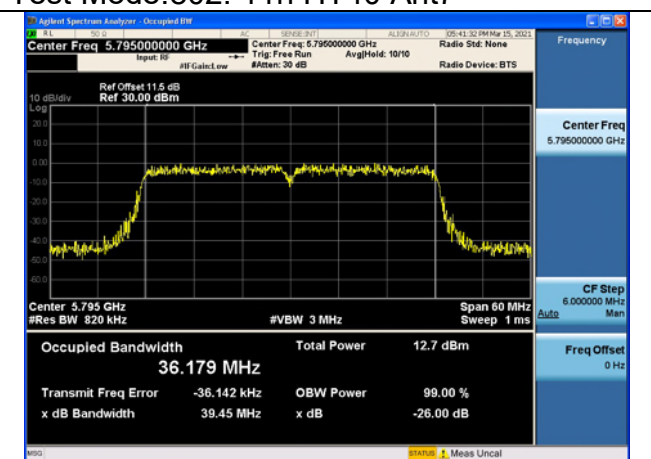
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5755	Ant7	39.46
	Ant8	39.91
5795	Ant7	39.45
	Ant8	38.93

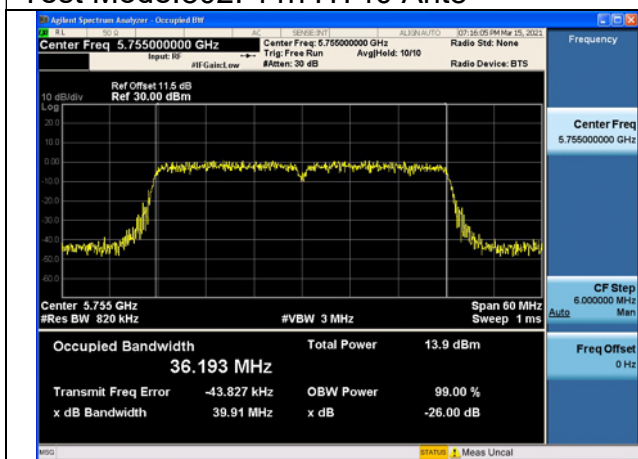
Test Mode:802. 11n HT40 Ant7



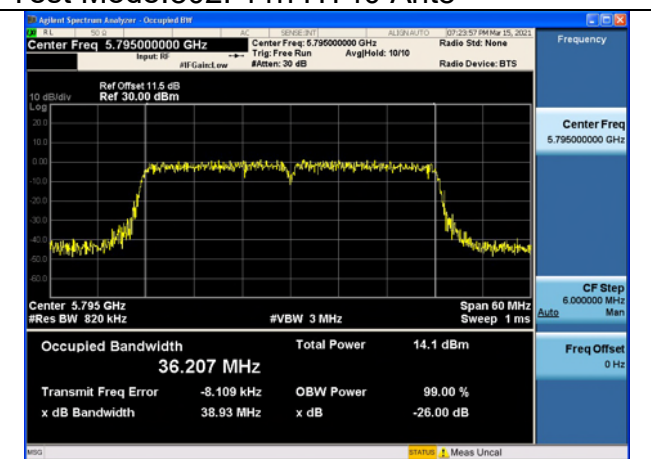
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



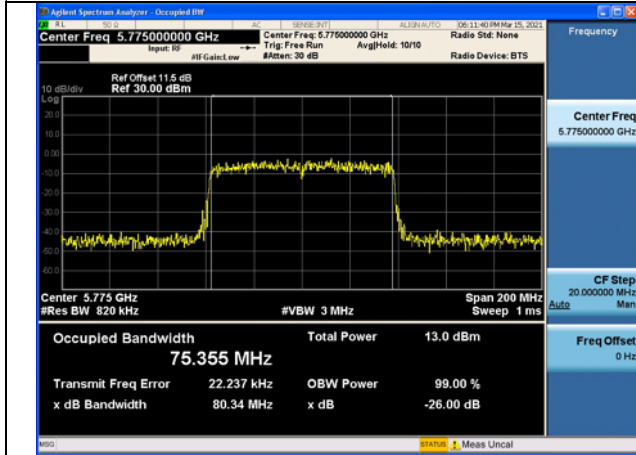
Test Mode:802. 11n HT40 Ant8



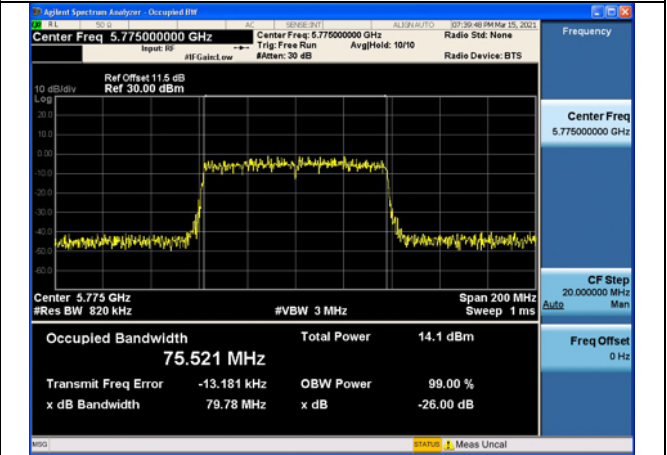
Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5775	Ant7	80.34
	Ant8	79.78

Test Mode:802. 11ac VHT80 Ant7



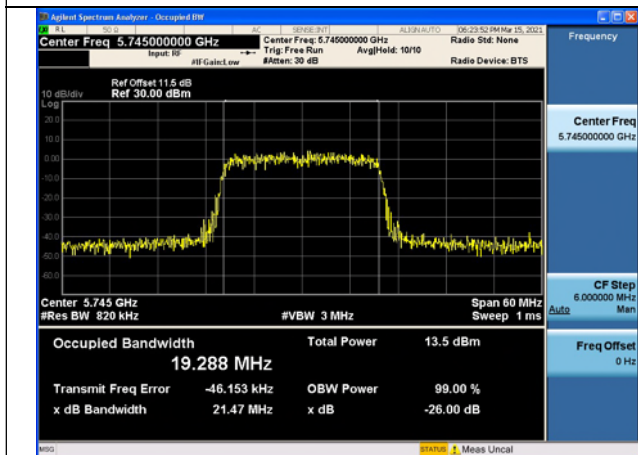
Test Mode:802. 11ac VHT80 Ant8



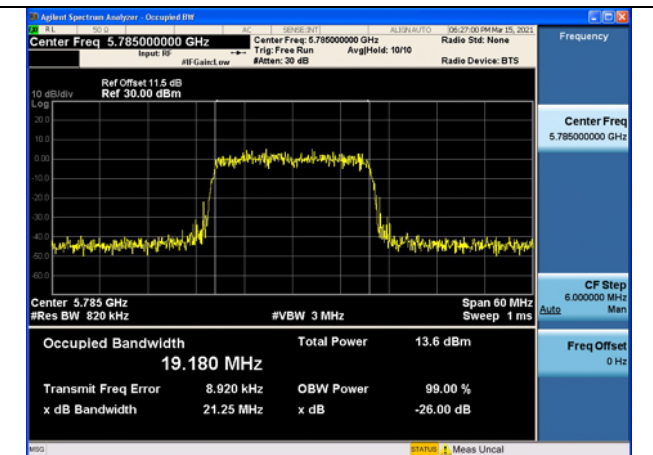
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5745	Ant7	21.47
	Ant8	21.06
5785	Ant7	21.25
	Ant8	21.40
5825	Ant7	20.86
	Ant8	21.17

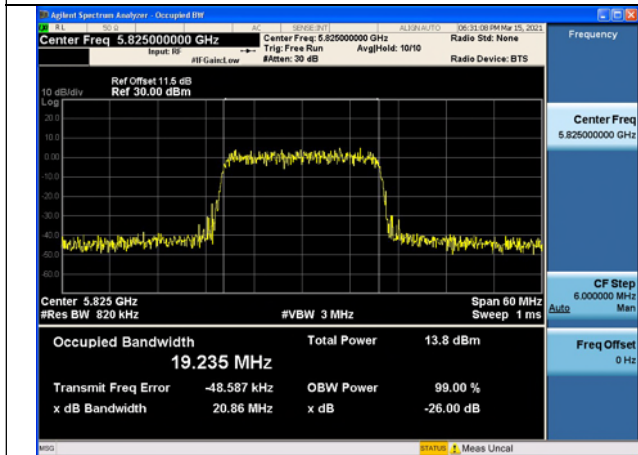
Test Mode:802.11ax HE20 Ant7



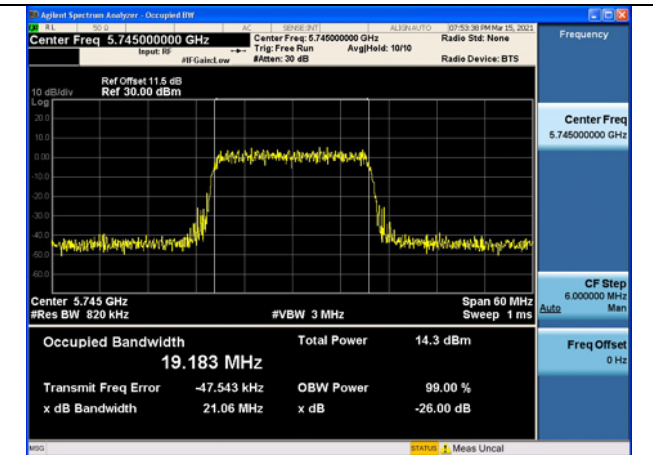
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

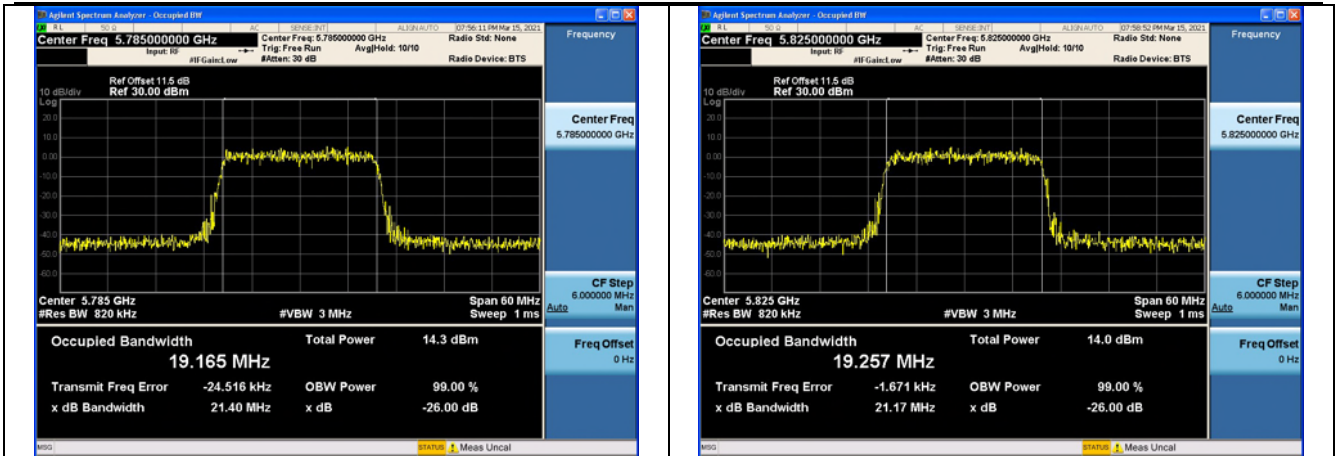


Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

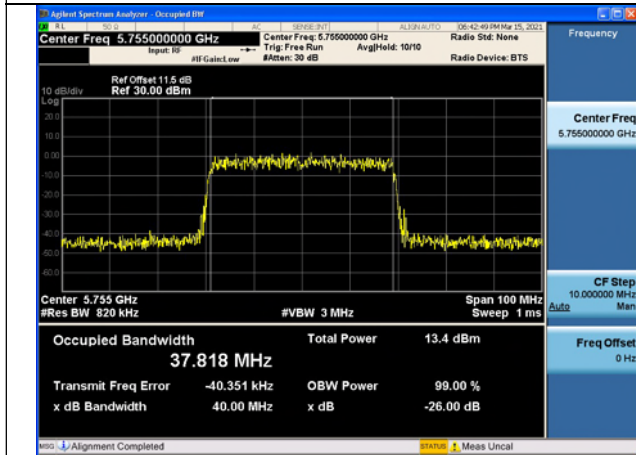
Test Mode:802.11ax HE20 Ant8



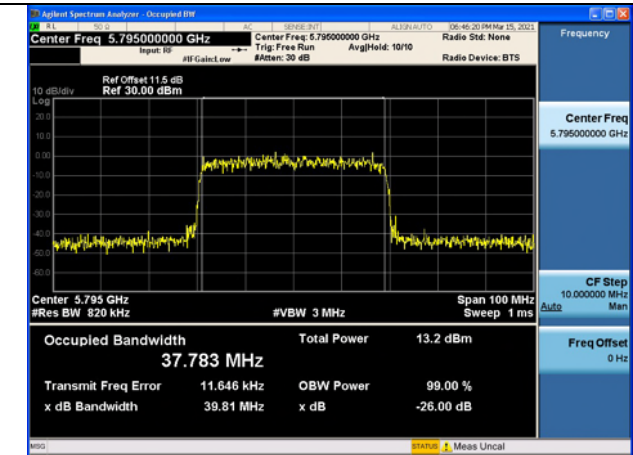
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5755	Ant7	40.00
	Ant8	40.47
5795	Ant7	39.81
	Ant8	40.02

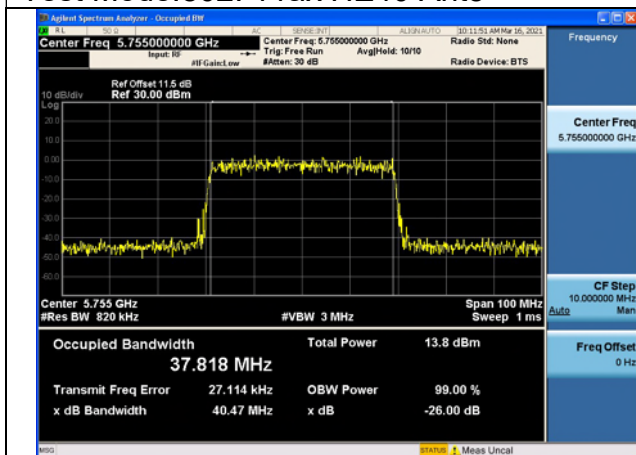
Test Mode:802.11ax HE40 Ant7



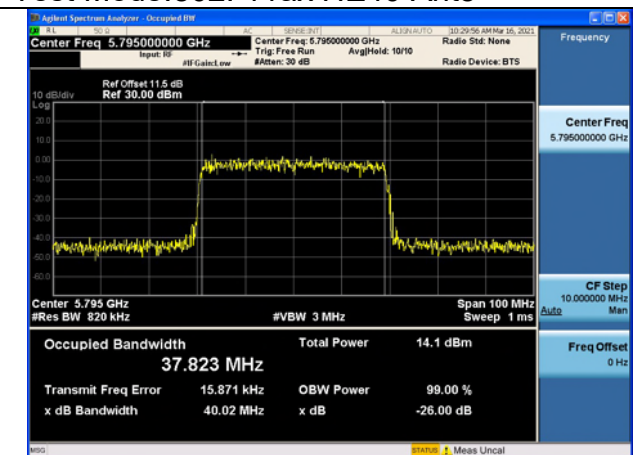
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



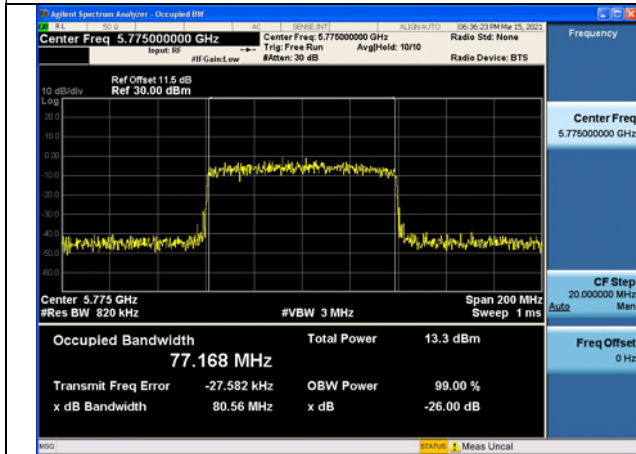
Test Mode:802.11ax HE40 Ant8



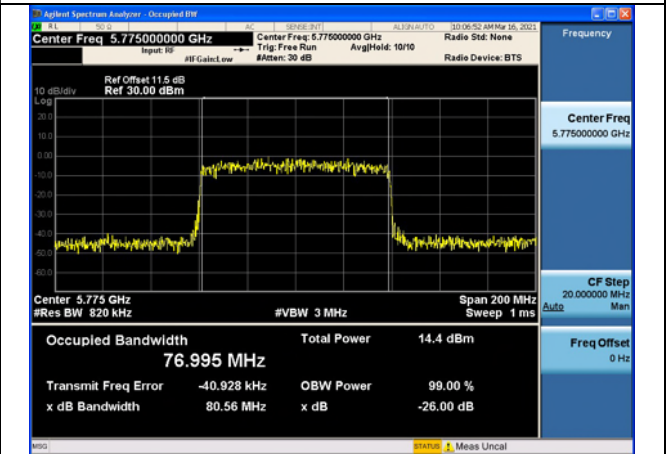
Test Mode:802.11ax HE80(996)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5775	Ant7	80.56
	Ant8	80.56

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



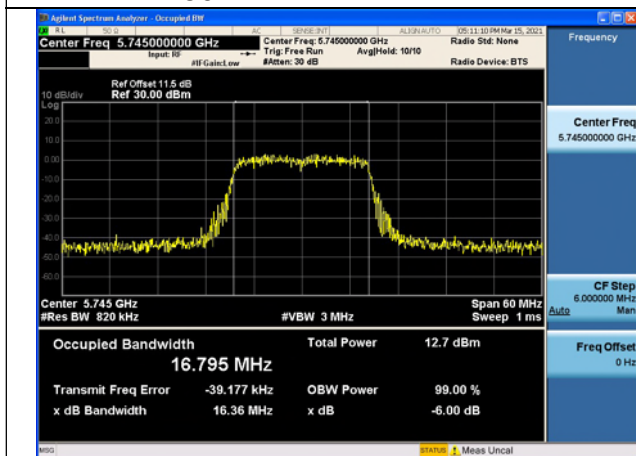
Occupied Bandwidth

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

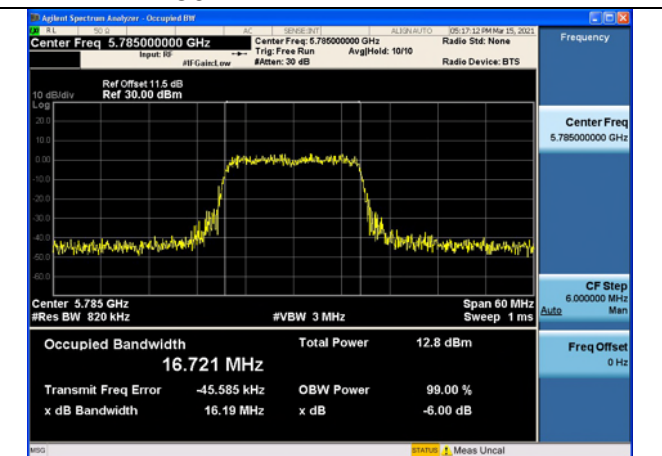
Test Mode:802.11a

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5745	Ant7	16.795
	Ant8	16.663
5785	Ant7	16.721
	Ant8	16.714
5825	Ant7	16.634
	Ant8	16.803

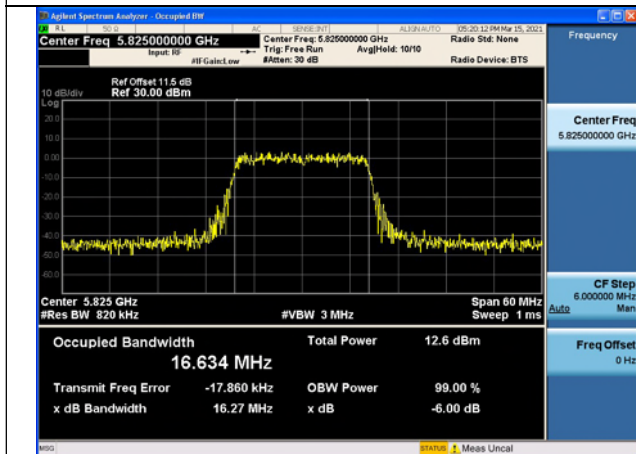
Test Mode:802.11a Ant7



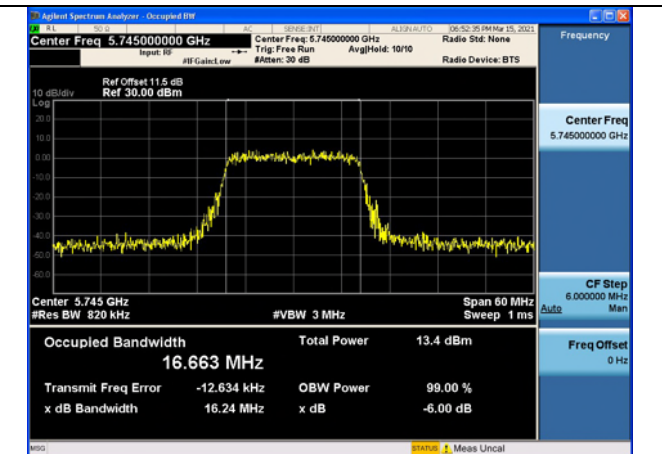
Test Mode:802.11a Ant7



Test Mode:802.11a Ant7

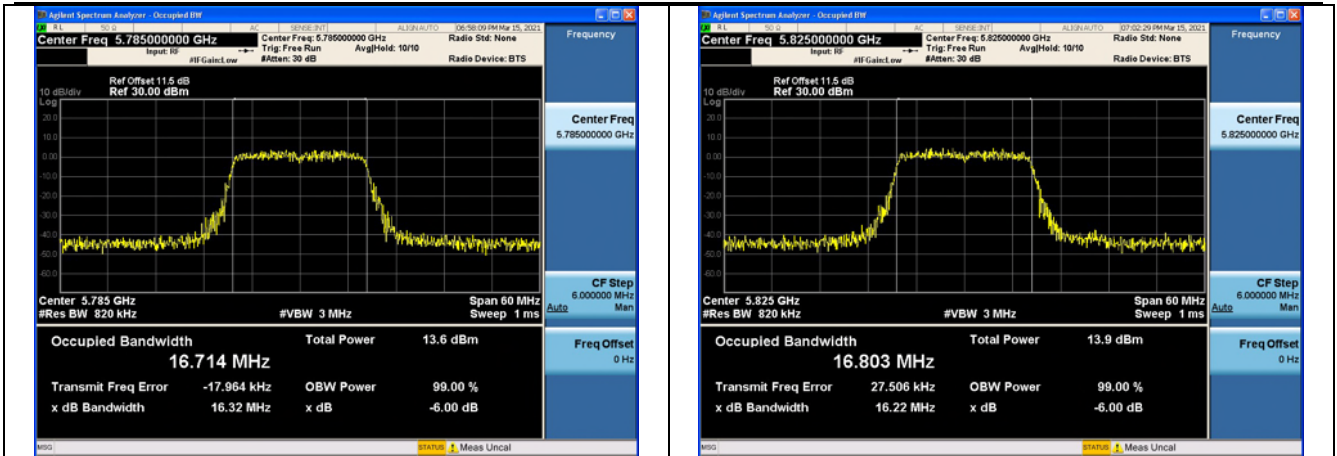


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

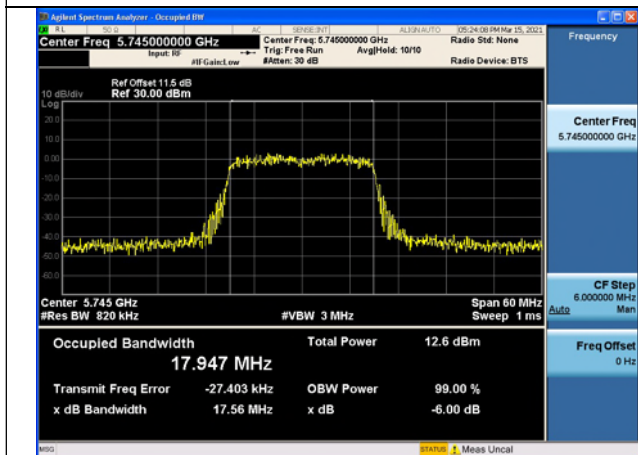
Test Mode:802.11a Ant8



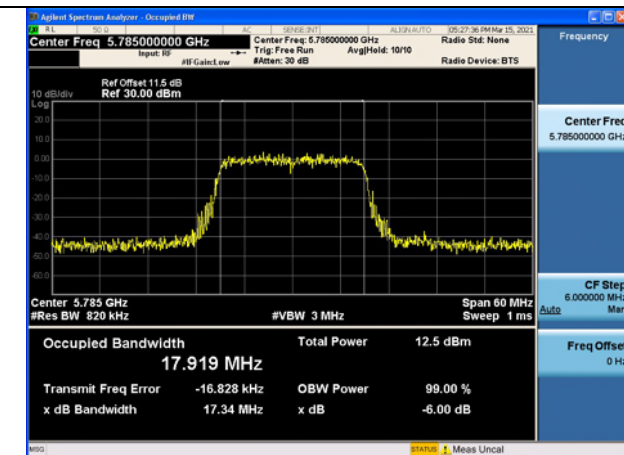
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5745	Ant7	17.947
	Ant8	17.992
5785	Ant7	17.919
	Ant8	17.969
5825	Ant7	17.946
	Ant8	17.878

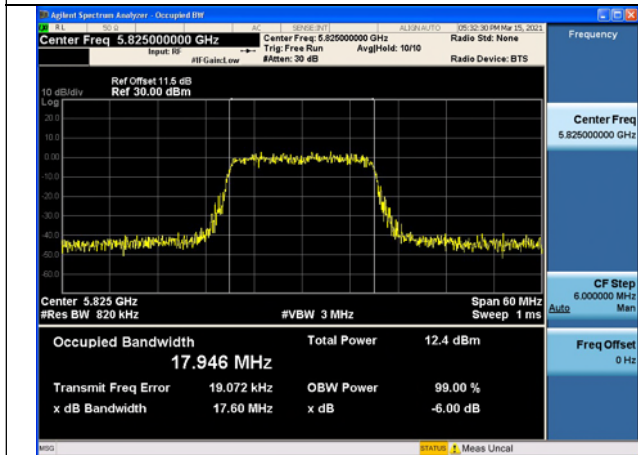
Test Mode:802. 11n HT20 Ant7



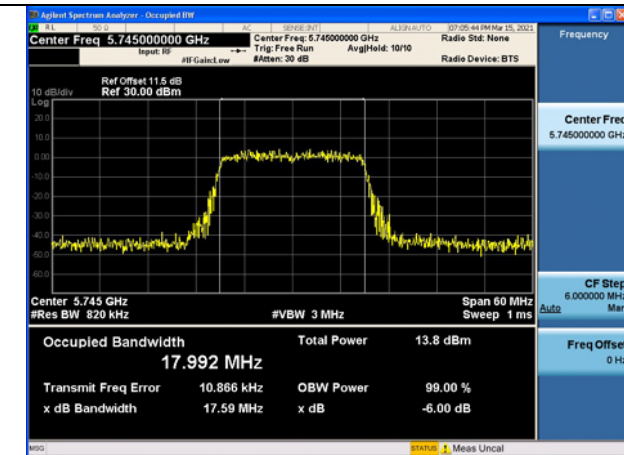
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

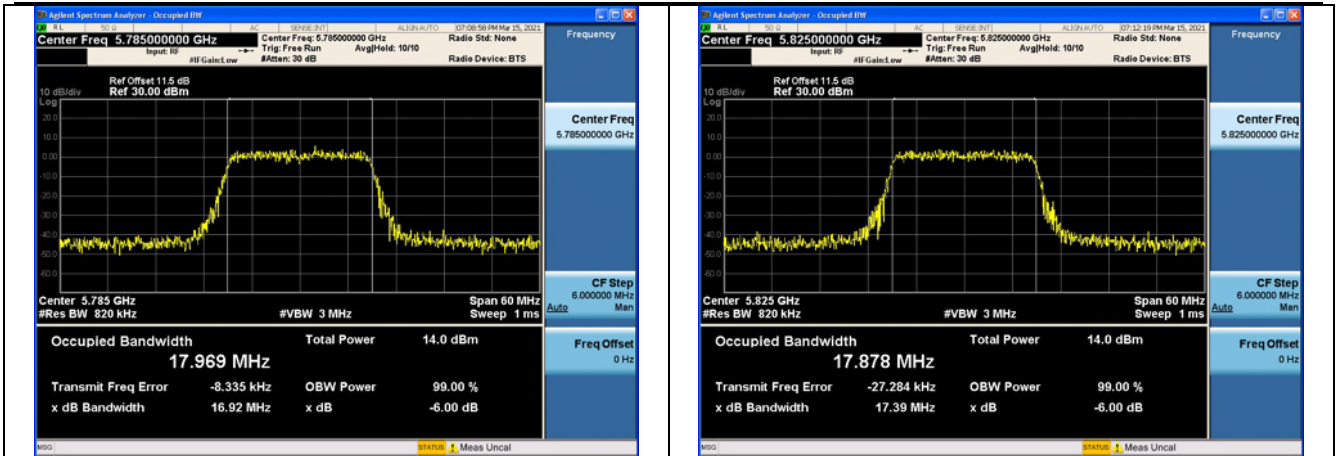


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

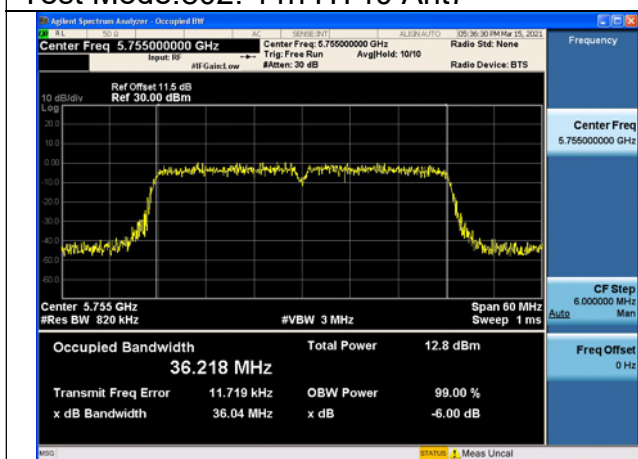
Test Mode:802. 11n HT20 Ant8



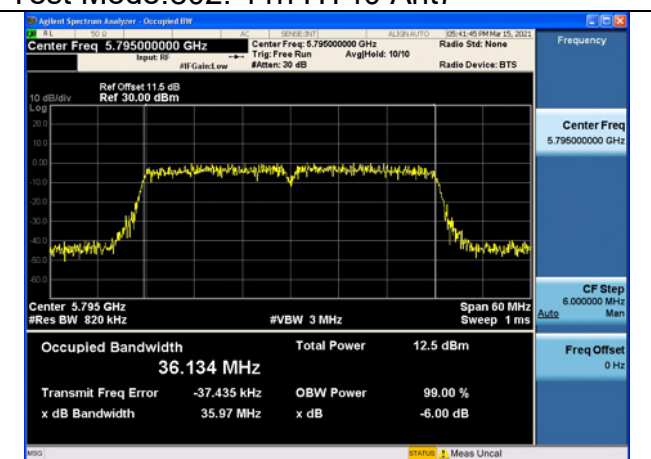
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5755	Ant7	36.218
	Ant8	36.267
5795	Ant7	36.134
	Ant8	36.152

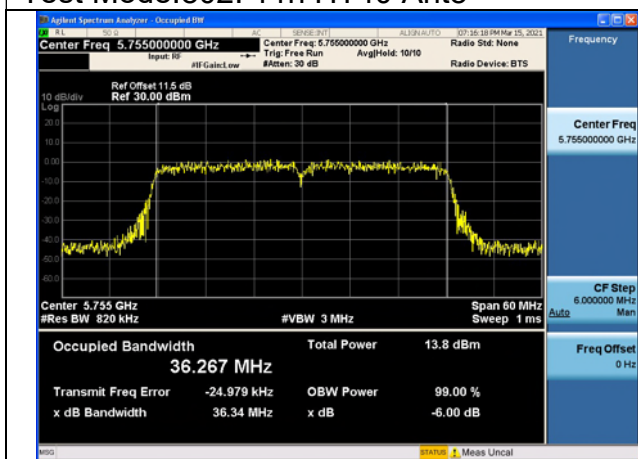
Test Mode:802. 11n HT40 Ant7



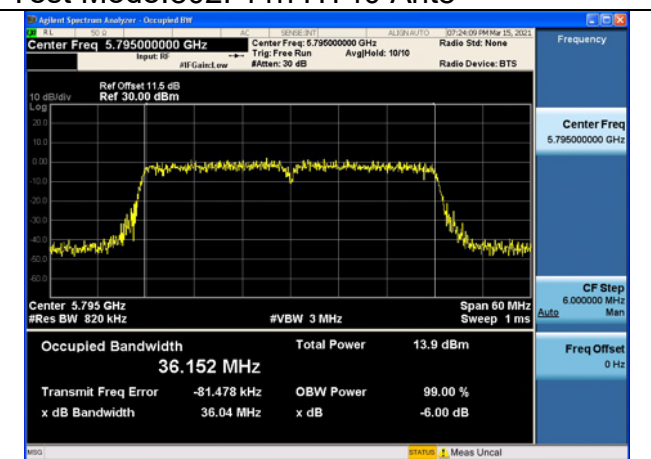
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



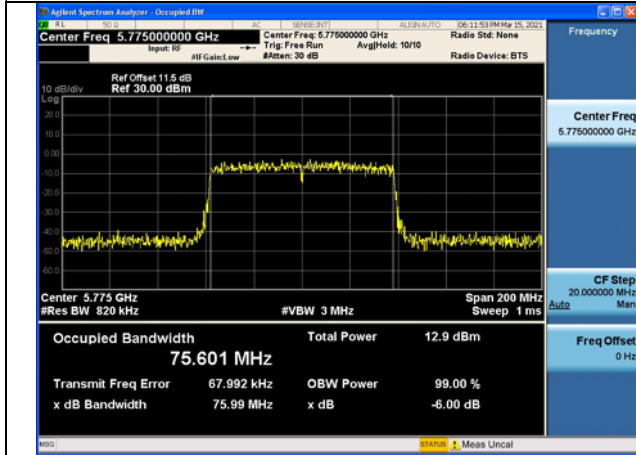
Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5775	Ant7	75.601
	Ant8	75.392

Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant8

