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	7.13
			Ant8	9.54	10.24
		5745	Ant7	11.11	9.11
			Ant8	11.06	11.76
		5785	Ant7	11.09	9.09
			Ant8	11.16	11.86
		5825	Ant7	11.19	9.19
			Ant8	11.37	12.07
802.11n20M		5720	Ant7	9.04	7.04
			Ant8	9.45	10.15
			Ant7+Ant8	12.26	11.88
		5745	Ant7	11.07	9.07
			Ant8	11.13	11.83
			Ant7+Ant8	14.11	13.68
		5785	Ant7	11.14	9.14
			Ant8	11.50	12.20
			Ant7+Ant8	14.33	13.94
		5825	Ant7	11.20	9.20
			Ant8	11.31	12.01
			Ant7+Ant8	14.27	13.84
802.11n40M		5710	Ant7	9.20	7.20
			Ant8	9.52	10.22
			Ant7+Ant8	12.37	11.98
		5755	Ant7	11.15	9.15
			Ant8	11.30	12.00
			Ant7+Ant8	14.24	13.82
		5795	Ant7	11.12	9.12
			Ant8	11.50	12.20
			Ant7+Ant8	14.32	13.94
802.11ac80M		5690	Ant7	9.14	7.14
			Ant8	9.53	10.23
			Ant7+Ant8	12.35	11.96
		5775	Ant7	11.28	9.28
			Ant8	11.47	12.17
			Ant7+Ant8	14.39	13.97

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax20M	26T/0	5745	Ant7	7.34	5.34
			Ant8	7.43	8.13
			Ant7+Ant8	10.40	9.97
		5785	Ant7	7.30	5.30
			Ant8	7.16	7.86
			Ant7+Ant8	10.24	9.78
		5825	Ant7	7.36	5.36
			Ant8	7.02	7.72
			Ant7+Ant8	10.20	9.71
	26T/4	5745	Ant7	6.94	4.94
			Ant8	6.88	7.58
			Ant7+Ant8	9.92	9.47
		5785	Ant7	6.75	4.75
			Ant8	6.70	7.40
			Ant7+Ant8	9.74	9.28
		5825	Ant7	6.71	4.71
			Ant8	6.45	7.15
			Ant7+Ant8	9.59	9.11
	26T/8	5745	Ant7	7.26	5.26
			Ant8	7.25	7.95
			Ant7+Ant8	10.27	9.82
		5785	Ant7	7.13	5.13
			Ant8	7.16	7.86
			Ant7+Ant8	10.16	9.72
		5825	Ant7	7.04	5.04
			Ant8	6.69	7.39
			Ant7+Ant8	9.88	9.38
	52T/37	5745	Ant7	7.22	5.22
			Ant8	7.22	7.92
			Ant7+Ant8	10.23	9.79
		5785	Ant7	7.09	5.09
			Ant8	7.09	7.79
			Ant7+Ant8	10.10	9.66
		5825	Ant7	7.04	5.04
			Ant8	6.91	7.61
			Ant7+Ant8	9.99	9.52

	52T/39	5745	Ant7	6.76	4.76
			Ant8	6.97	7.67
			Ant7+Ant8	9.88	9.46
		5785	Ant7	6.90	4.90
			Ant8	6.78	7.48
			Ant7+Ant8	9.85	9.39
		5825	Ant7	6.63	4.63
			Ant8	6.42	7.12
			Ant7+Ant8	9.54	9.06
	52T/40	5745	Ant7	7.07	5.07
			Ant8	7.10	7.80
			Ant7+Ant8	10.10	9.66
		5785	Ant7	7.01	5.01
			Ant8	7.02	7.72
			Ant7+Ant8	10.03	9.58
		5825	Ant7	6.85	4.85
			Ant8	6.66	7.36
			Ant7+Ant8	9.77	9.29
	106T/53	5745	Ant7	7.03	5.03
			Ant8	7.12	7.82
			Ant7+Ant8	10.09	9.66
		5785	Ant7	7.17	5.17
			Ant8	7.11	7.81
			Ant7+Ant8	10.15	9.70
		5825	Ant7	7.12	5.12
			Ant8	6.87	7.57
			Ant7+Ant8	10.01	9.53
	106T/54	5745	Ant7	7.08	5.08
			Ant8	7.15	7.85
			Ant7+Ant8	10.13	9.69
		5785	Ant7	7.15	5.15
			Ant8	6.98	7.68
			Ant7+Ant8	10.08	9.61
		5825	Ant7	7.03	5.03
			Ant8	6.81	7.51
			Ant7+Ant8	9.93	9.45
	242T/61	5720	Ant7	9.16	7.16
			Ant8	9.54	10.24
			Ant7+Ant8	12.36	11.98

		5745	Ant7	10.89	8.89
			Ant8	11.60	12.30
			Ant7+Ant8	14.27	13.93
		5785	Ant7	11.07	9.07
			Ant8	11.41	12.11
			Ant7+Ant8	14.25	13.86
		5825	Ant7	11.13	9.13
			Ant8	11.51	12.21
			Ant7+Ant8	14.33	13.95

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax40M	26T/0	5755	Ant7	7.22	5.22
			Ant8	7.34	8.04
			Ant7+Ant8	10.29	9.87
		5795	Ant7	7.04	5.04
			Ant8	7.30	8.00
			Ant7+Ant8	10.18	9.78
	26T/10	5755	Ant7	6.98	4.98
			Ant8	6.94	7.64
			Ant7+Ant8	9.97	9.52
		5795	Ant7	6.89	4.89
			Ant8	6.87	7.57
			Ant7+Ant8	9.89	9.44
	26T/17	5755	Ant7	7.30	5.30
			Ant8	7.15	7.85
			Ant7+Ant8	10.24	9.77
		5795	Ant7	6.97	4.97
			Ant8	6.96	7.66
			Ant7+Ant8	9.98	9.53
	52T/37	5755	Ant7	7.33	5.33
			Ant8	7.42	8.12
			Ant7+Ant8	10.39	9.96
		5795	Ant7	7.32	5.32
			Ant8	7.45	8.15
			Ant7+Ant8	10.40	9.97
	52T/41	5755	Ant7	7.06	5.06
			Ant8	7.00	7.70
			Ant7+Ant8	10.04	9.59

		5795	Ant7	6.91	4.91
			Ant8	7.00	7.70
			Ant7+Ant8	9.97	9.54
	52T/44	5755	Ant7	7.25	5.25
			Ant8	7.25	7.95
			Ant7+Ant8	10.26	9.82
		5795	Ant7	7.10	5.10
			Ant8	7.00	7.70
			Ant7+Ant8	10.06	9.60
	106T/53	5755	Ant7	7.28	5.28
			Ant8	7.52	8.22
			Ant7+Ant8	10.41	10.00
		5795	Ant7	7.17	5.17
			Ant8	7.40	8.10
			Ant7+Ant8	10.30	9.89
	106T/55	5755	Ant7	7.12	5.12
			Ant8	7.14	7.84
			Ant7+Ant8	10.14	9.70
		5795	Ant7	7.06	5.06
			Ant8	6.97	7.67
			Ant7+Ant8	10.03	9.57
	106T/56	5755	Ant7	7.17	5.17
			Ant8	7.25	7.95
			Ant7+Ant8	10.22	9.79
		5795	Ant7	7.00	5.00
			Ant8	7.02	7.72
			Ant7+Ant8	10.02	9.58
	242T/61	5755	Ant7	7.06	5.06
			Ant8	7.26	7.96
			Ant7+Ant8	10.17	9.76
		5795	Ant7	6.95	4.95
			Ant8	7.14	7.84
			Ant7+Ant8	10.06	9.64
	242T/62	5755	Ant7	7.09	5.09
			Ant8	7.06	7.76
			Ant7+Ant8	10.09	9.64
		5795	Ant7	6.97	4.97
			Ant8	6.87	7.57
			Ant7+Ant8	9.93	9.47

	484T/65	5710	Ant7	9.08	7.08
			Ant8	9.48	10.18
			Ant7+Ant8	12.29	11.91
		5755	Ant7	10.75	8.75
			Ant8	11.40	12.10
			Ant7+Ant8	14.10	13.75
		5795	Ant7	10.65	8.65
			Ant8	11.58	12.28
			Ant7+Ant8	14.15	13.84

Mode	Tones/ RUIndex	Freq (MHz)	Ant	Conducted average power output(dBm)	EIRP (dBm)
802.11ax80M	996T/67	5690	Ant7	9.21	7.21
			Ant8	9.61	10.31
			Ant7+Ant8	12.42	12.04
	26T/0	5775	Ant7	7.14	5.14
			Ant8	7.35	8.05
			Ant7+Ant8	10.26	9.84
	26T/18		Ant7	6.95	4.95
			Ant8	6.97	7.67
			Ant7+Ant8	9.97	9.53
	26T/36		Ant7	7.13	5.13
			Ant8	6.71	7.41
			Ant7+Ant8	9.94	9.43
	52T/37		Ant7	7.36	5.36
			Ant8	7.34	8.04
			Ant7+Ant8	10.36	9.91
	52T/45		Ant7	7.03	5.03
			Ant8	7.02	7.72
			Ant7+Ant8	10.04	9.59
	52T/52		Ant7	7.00	5.00
			Ant8	6.75	7.45
			Ant7+Ant8	9.89	9.41
	106T/53		Ant7	7.20	5.20
			Ant8	7.15	7.85
			Ant7+Ant8	10.19	9.73
	106T/57		Ant7	7.00	5.00
			Ant8	6.90	7.60
			Ant7+Ant8	9.96	9.50

	106T/60		Ant7	7.32	5.32
			Ant8	6.80	7.50
			Ant7+Ant8	10.08	9.56
	242T/61		Ant7	7.12	5.12
			Ant8	7.13	7.83
			Ant7+Ant8	10.14	9.69
	242T/63		Ant7	7.10	5.10
			Ant8	6.86	7.56
			Ant7+Ant8	9.99	9.51
	242T/64		Ant7	6.99	4.99
			Ant8	6.71	7.41
			Ant7+Ant8	9.86	9.38
	484T/65		Ant7	7.02	5.02
			Ant8	7.06	7.76
			Ant7+Ant8	10.05	9.61
	484T/66		Ant7	7.03	5.03
			Ant8	6.73	7.43
			Ant7+Ant8	9.89	9.40
	996T/67		Ant7	10.97	8.97
			Ant8	11.23	11.93
			Ant7+Ant8	14.11	13.71

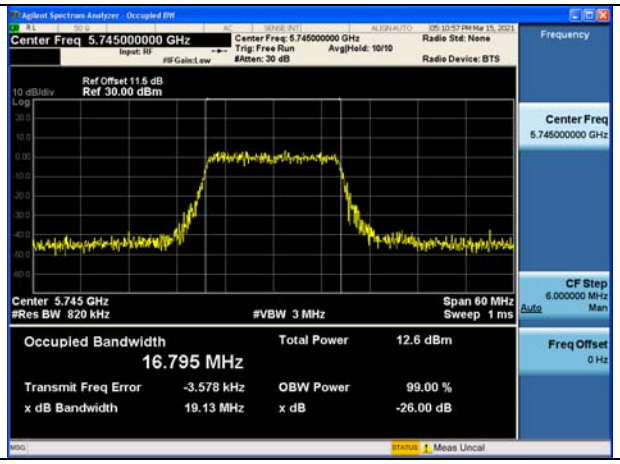
Emission Bandwidth

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

Test Mode:802.11a

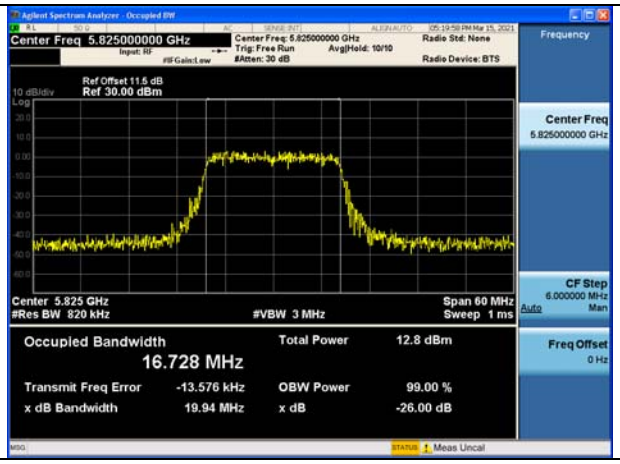
Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5745	Ant7	19.13
	Ant8	19.79
5785	Ant7	19.76
	Ant8	19.36
5825	Ant7	19.94
	Ant8	19.53

Test Mode:802.11a Ant7

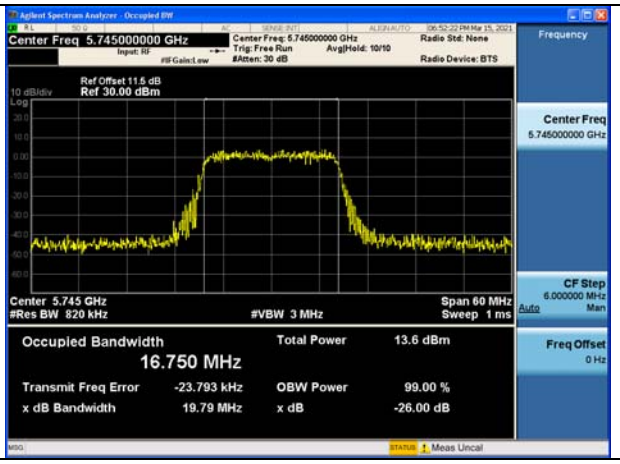


Test Mode:802.11a Ant7

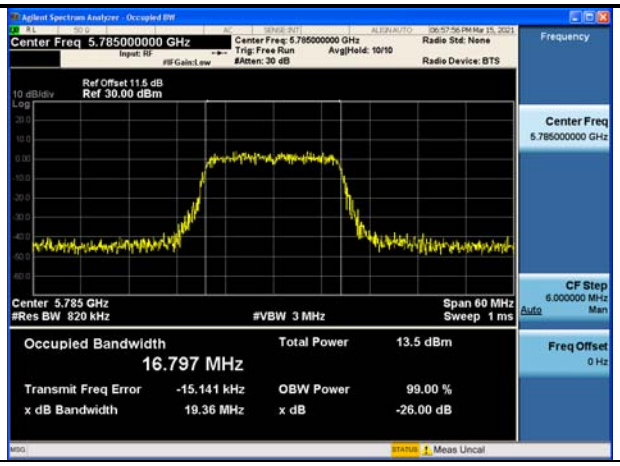
Test Mode:802.11a Ant7

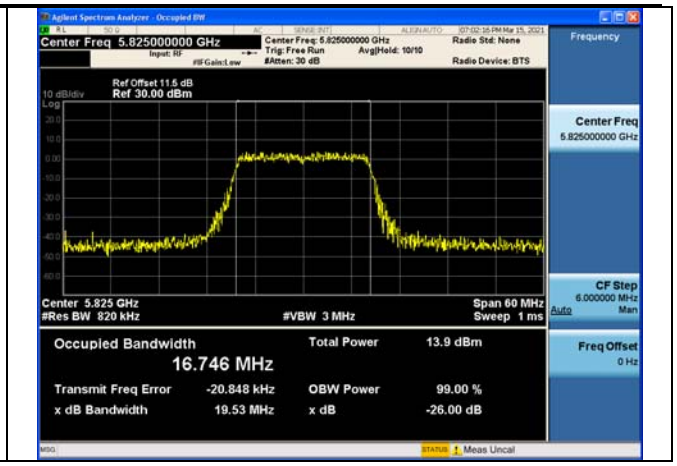


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

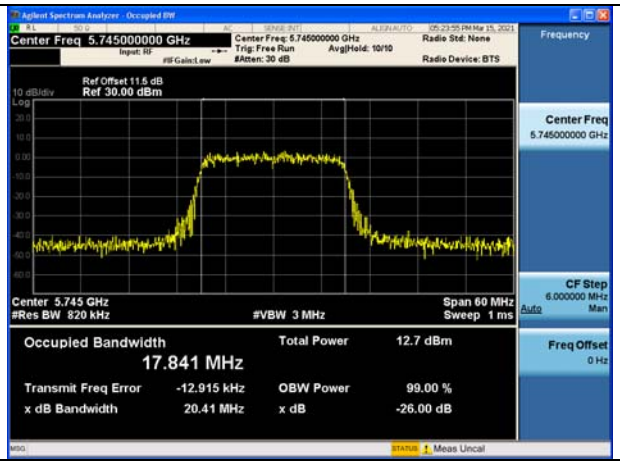

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
16.797 MHz
Total Power 13.5 dBm
Transmit Freq Error -15.141 kHz
OBW Power 99.00 %
x dB Bandwidth 19.36 MHz
x dB -26.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
16.746 MHz
Total Power 13.9 dBm
Transmit Freq Error -20.848 kHz
OBW Power 99.00 %
x dB Bandwidth 19.53 MHz
x dB -26.00 dB
Freq Offset
0 Hz
Meas Uncal

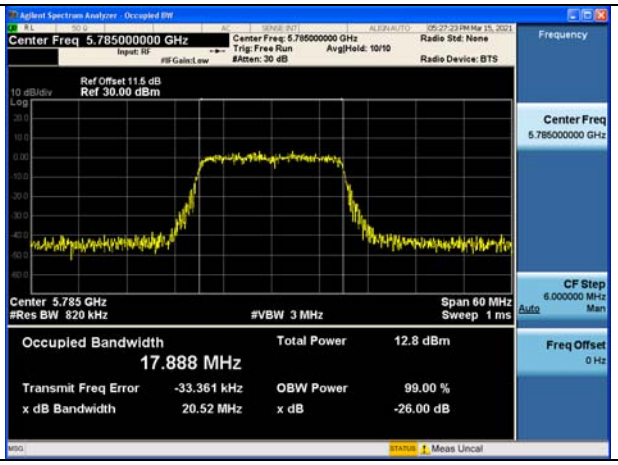
Test Mode:802. 11n HT20

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

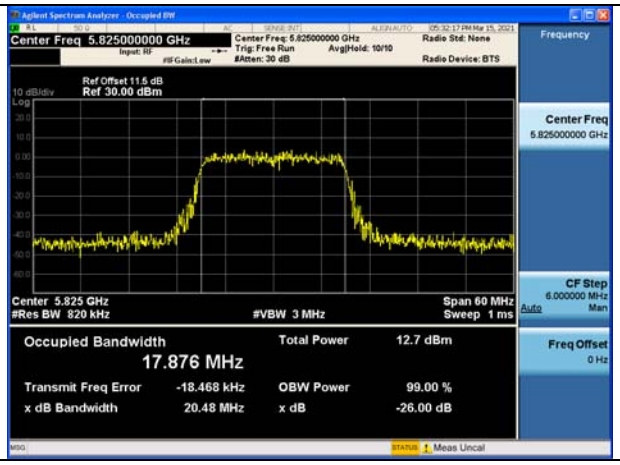
Test Mode:802. 11n HT20 Ant7



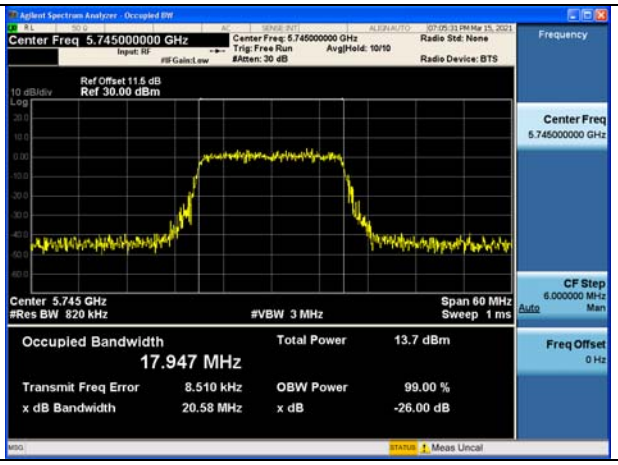
Test Mode:802. 11n HT20 Ant7



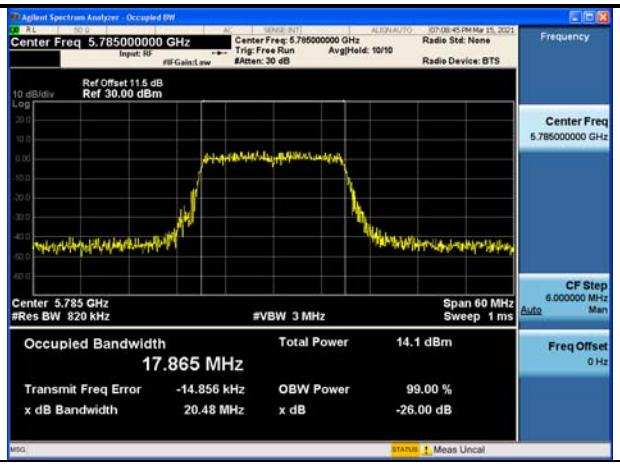
Test Mode:802. 11n HT20 Ant7

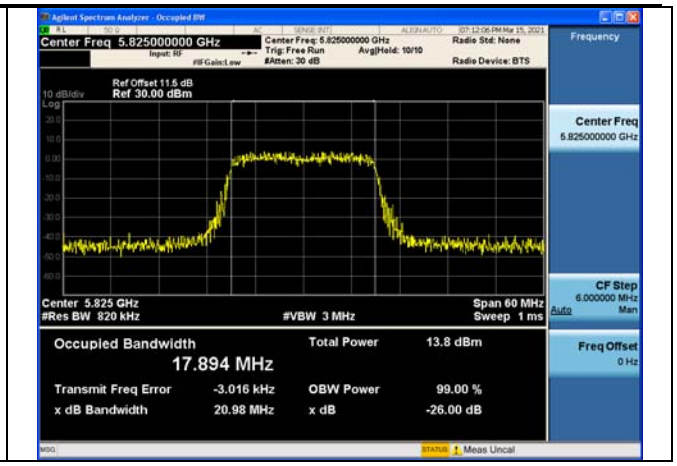


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

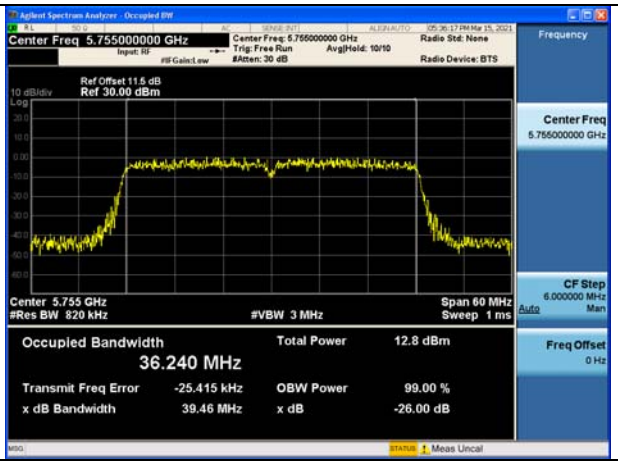

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
17.865 MHz
Total Power 14.1 dBm
Transmit Freq Error -14.856 kHz
OBW Power 99.00 %
x dB Bandwidth 20.48 MHz
x dB -26.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
17.894 MHz
Total Power 13.8 dBm
Transmit Freq Error -3.016 kHz
OBW Power 99.00 %
x dB Bandwidth 20.98 MHz
x dB -26.00 dB
Freq Offset
0 Hz
Meas Uncal

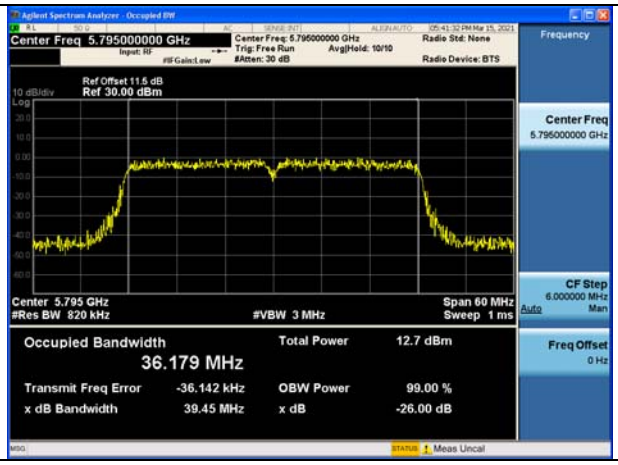
Test Mode:802. 11n HT40

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

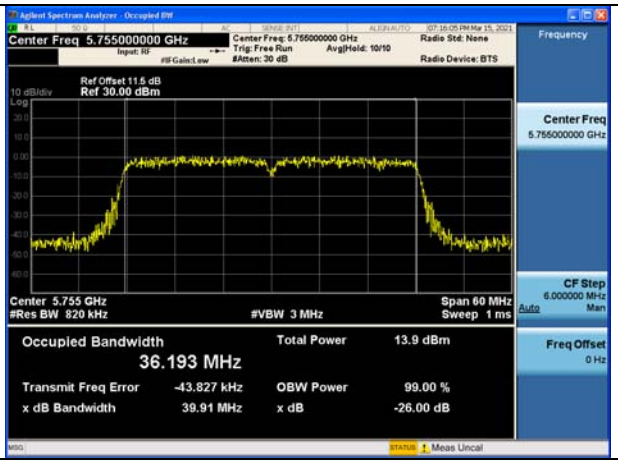
Test Mode:802. 11n HT40 Ant7



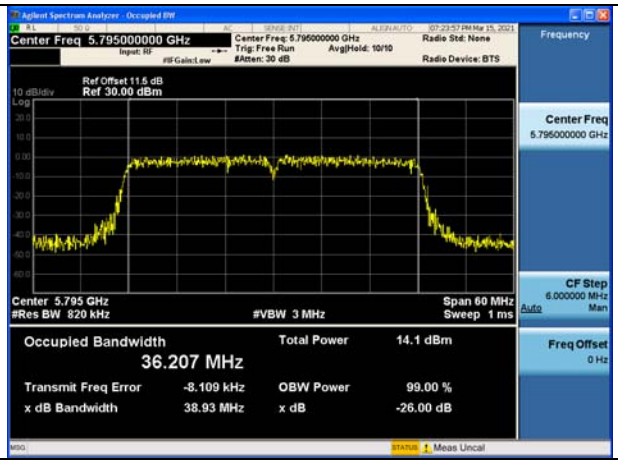
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8

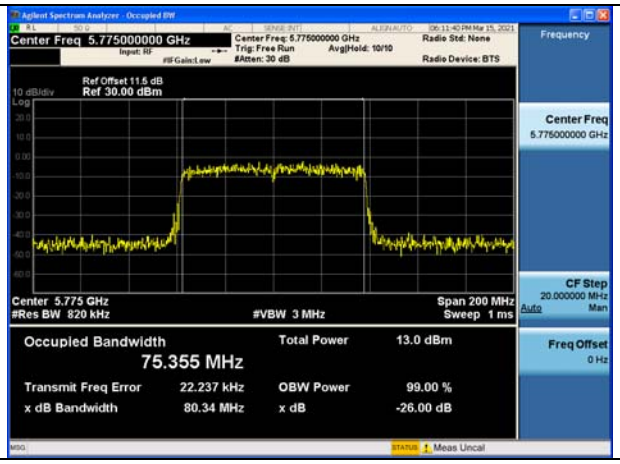
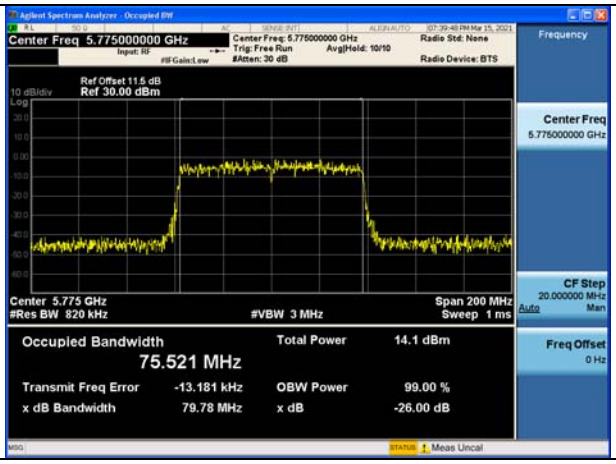


Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11ac VHT80

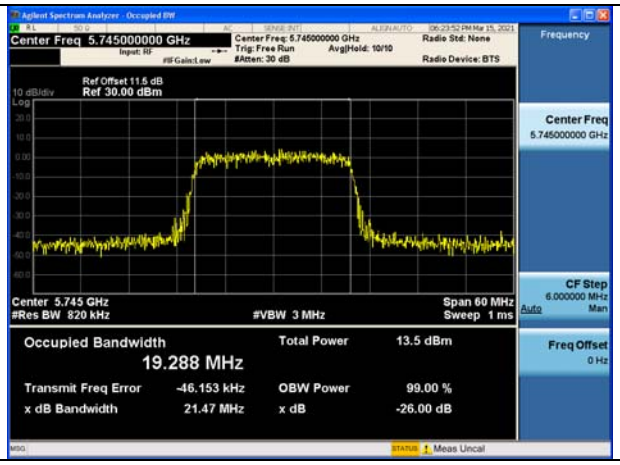
Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5775	Ant7	80.34
	Ant8	79.78

Test Mode:802. 11ac VHT80 Ant7	Test Mode:802. 11ac VHT80 Ant8
	

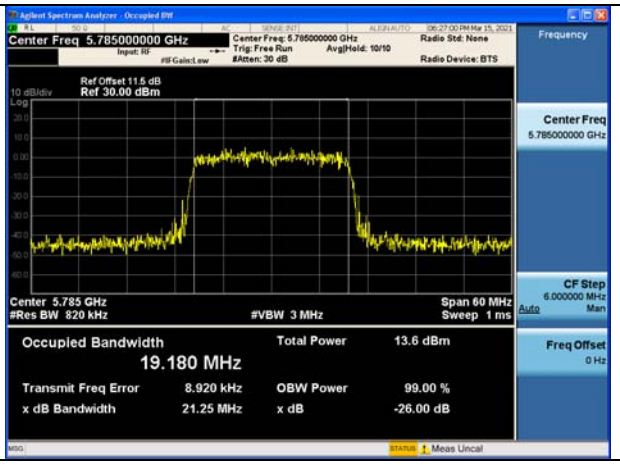
Test Mode:802.11ax HE20(242)

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

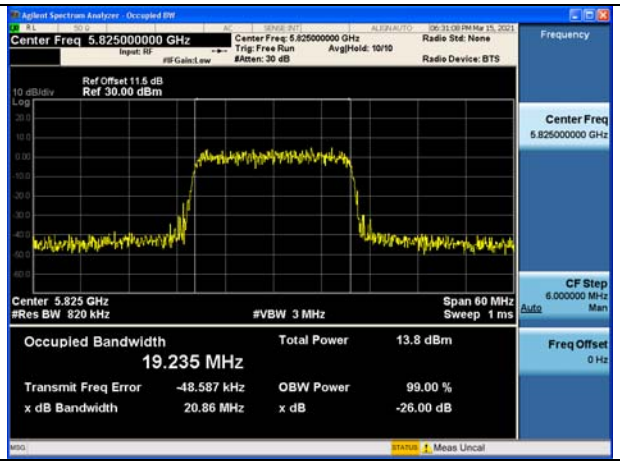
Test Mode:802. 11ax HE20 Ant7



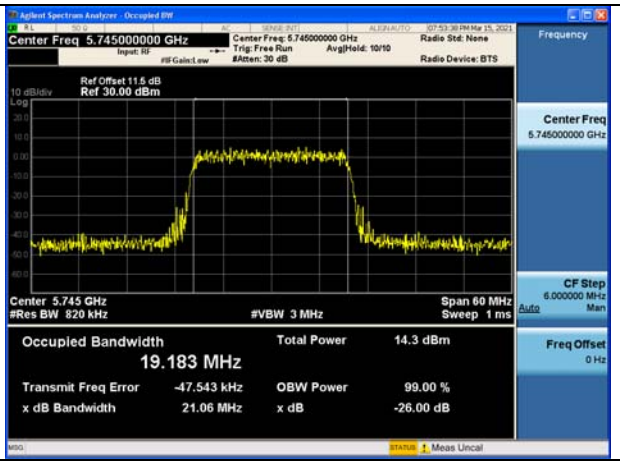
Test Mode:802. 11ax HE20 Ant7



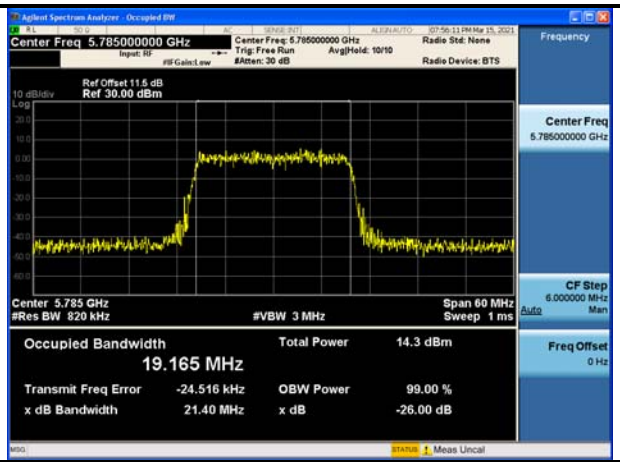
Test Mode:802. 11ax HE20 Ant7

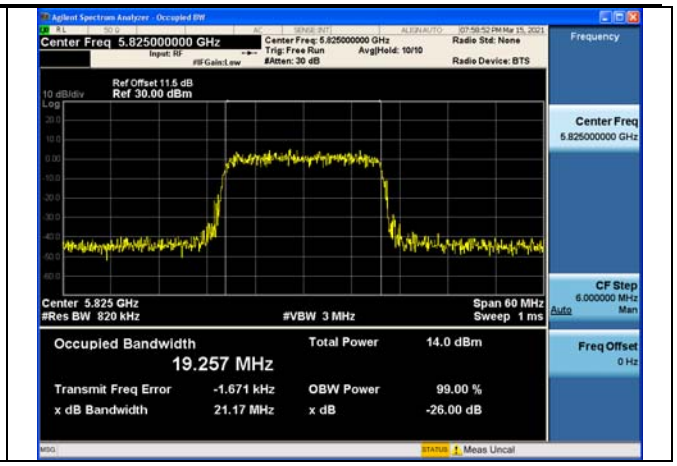


Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

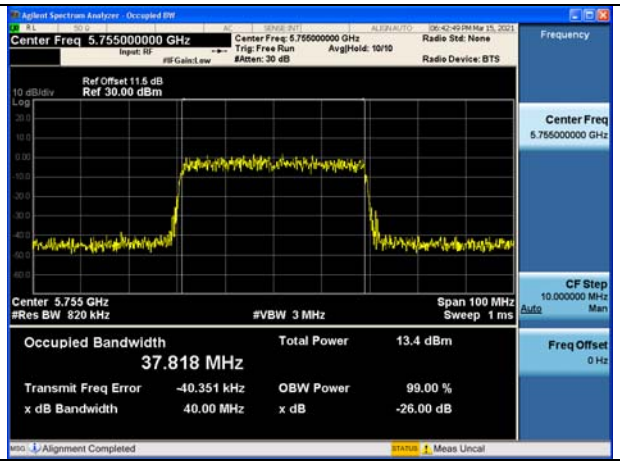

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
19.165 MHz
Total Power 14.3 dBm
Transmit Freq Error -24.516 kHz
OBW Power 99.00 %
x dB Bandwidth 21.40 MHz
x dB -26.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
19.257 MHz
Total Power 14.0 dBm
Transmit Freq Error -1.671 kHz
OBW Power 99.00 %
x dB Bandwidth 21.17 MHz
x dB -26.00 dB
Freq Offset
0 Hz
Meas Uncal

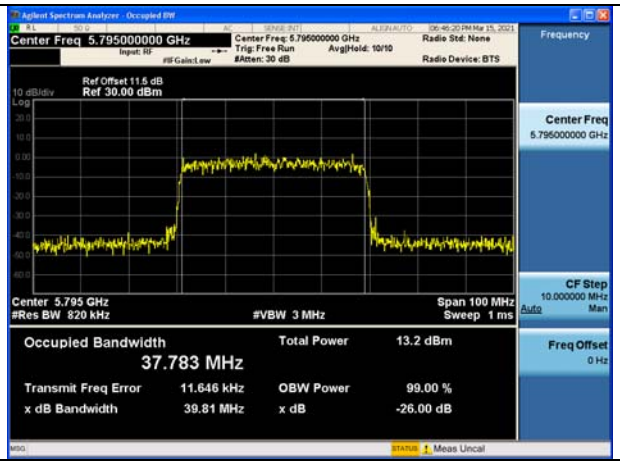
Test Mode:802.11ax HE40(484)

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

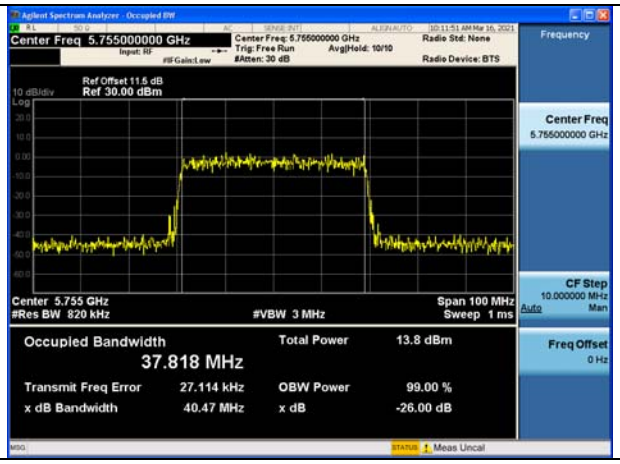
Test Mode:802. 11ax HE40 Ant7



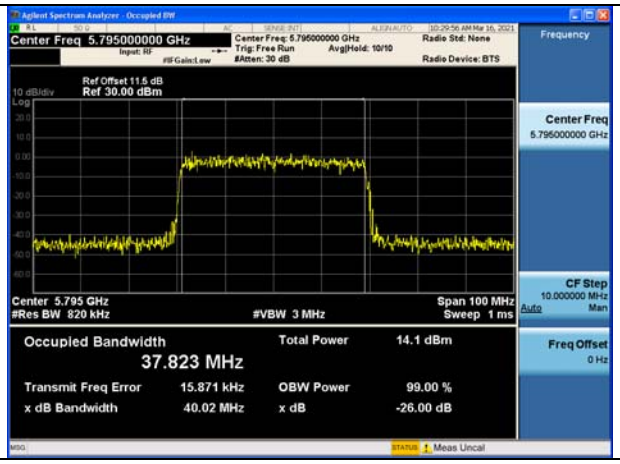
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8

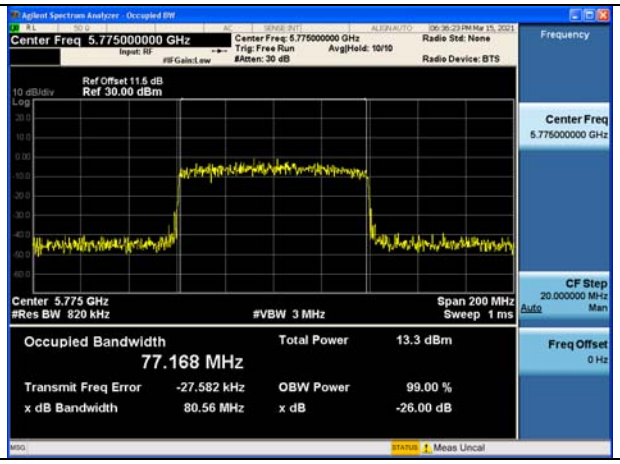
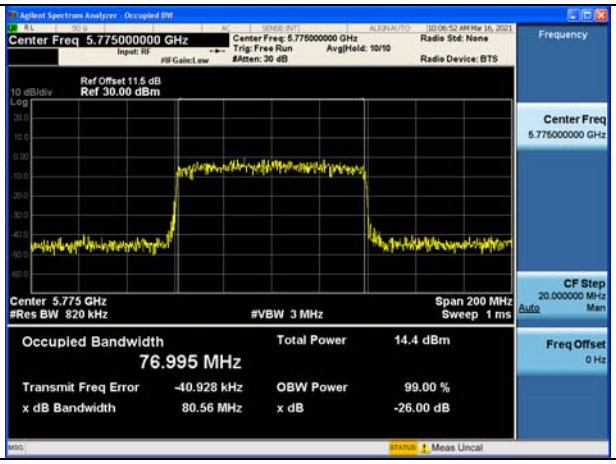


Test Mode:802. 11ax HE40 Ant8



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
	

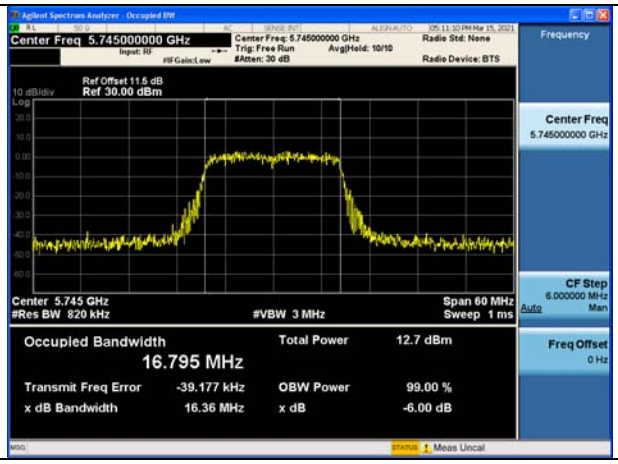
Occupied Bandwidth

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

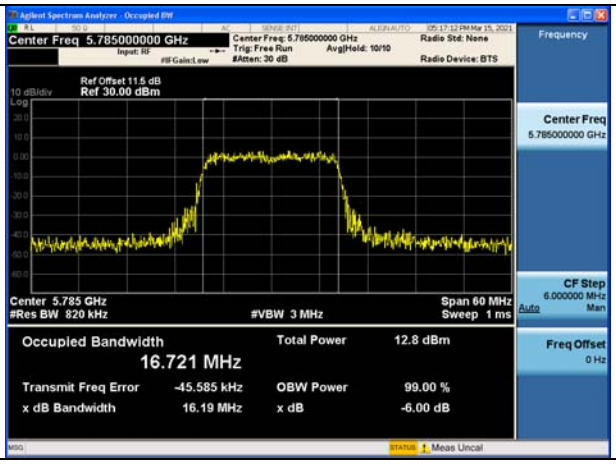
Test Mode:802.11a

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

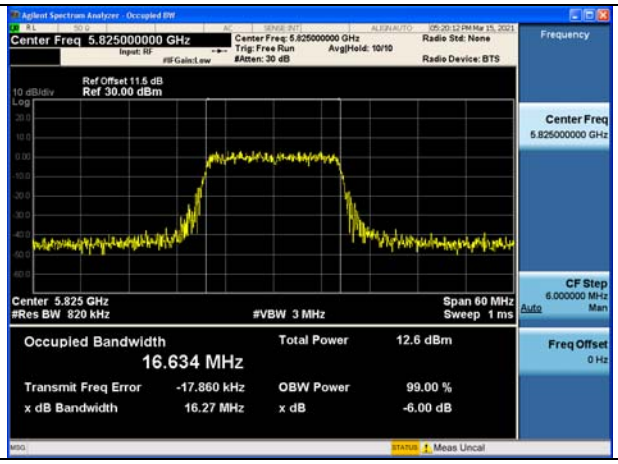
Test Mode:802.11a Ant7



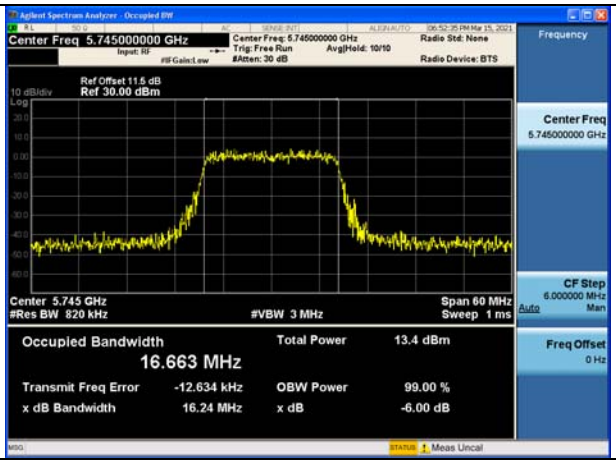
Test Mode:802.11a Ant7



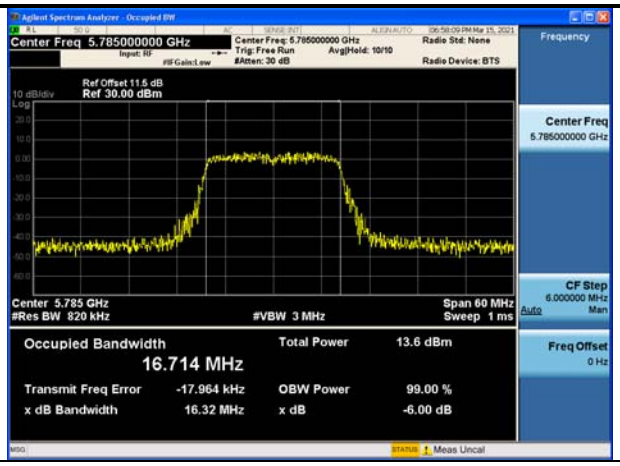
Test Mode:802.11a Ant7

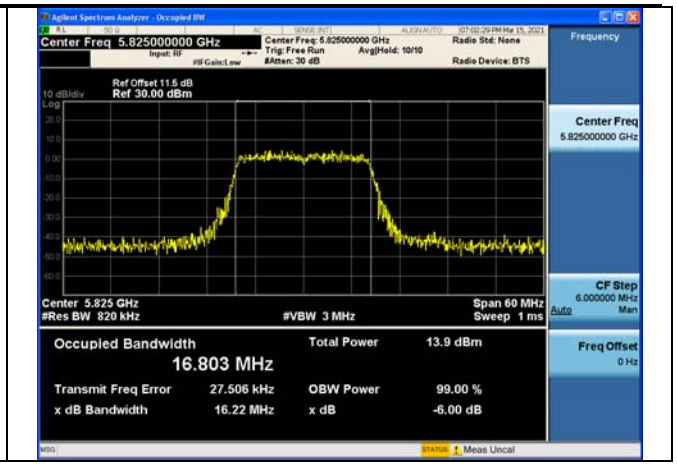


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

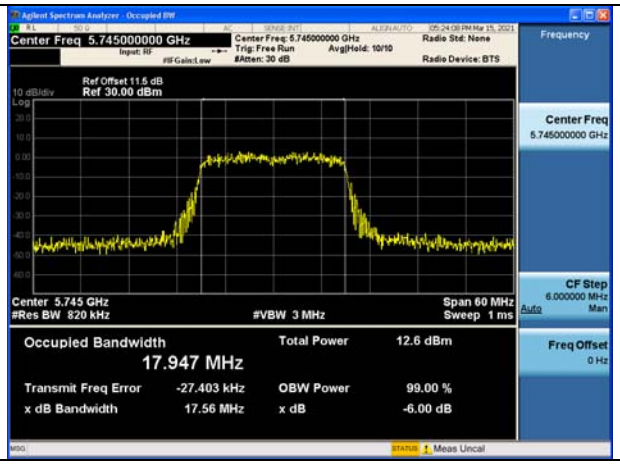

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
16.714 MHz
Total Power 13.6 dBm
Transmit Freq Error -17.964 kHz
OBW Power 99.00 %
x dB Bandwidth 16.32 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
16.803 MHz
Total Power 13.9 dBm
Transmit Freq Error 27.506 kHz
OBW Power 99.00 %
x dB Bandwidth 16.22 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

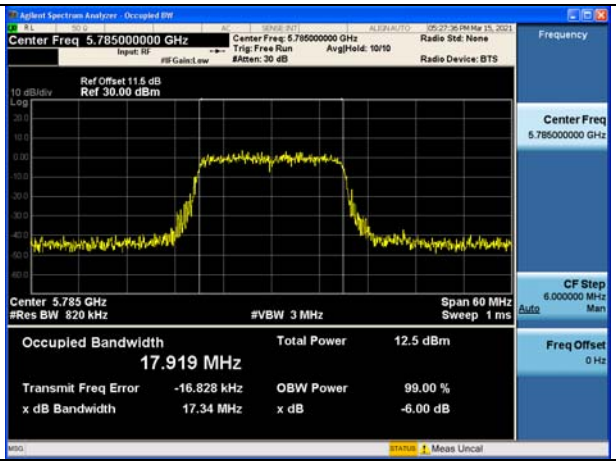
Test Mode:802. 11n HT20

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

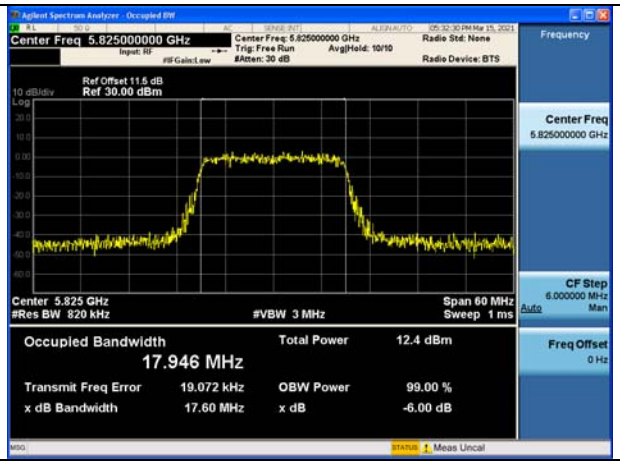
Test Mode:802. 11n HT20 Ant7



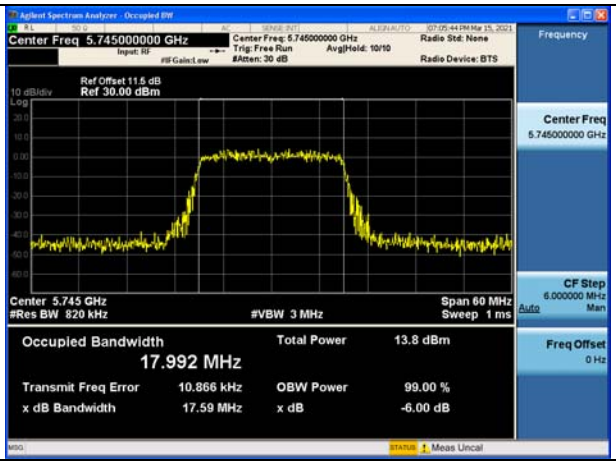
Test Mode:802. 11n HT20 Ant7



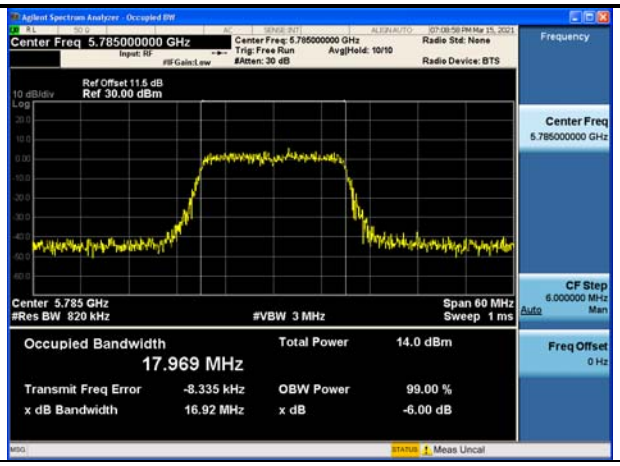
Test Mode:802. 11n HT20 Ant7

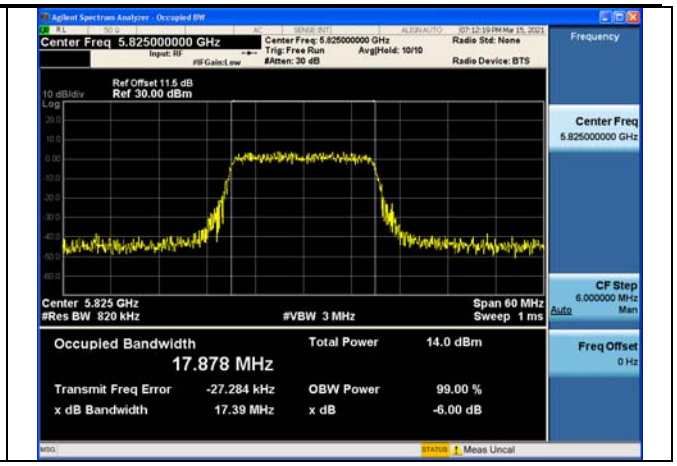


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

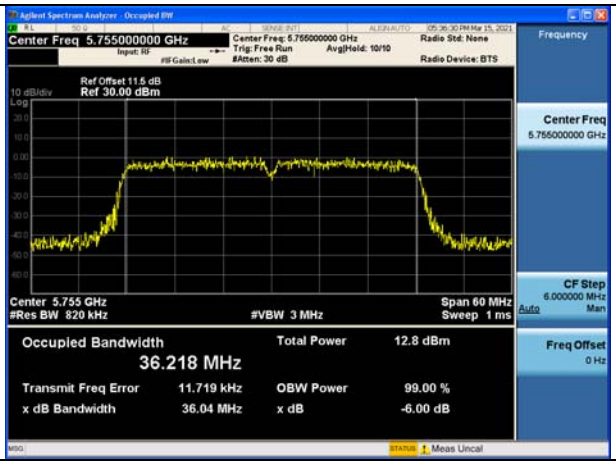

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
17.969 MHz
Total Power 14.0 dBm
Transmit Freq Error -8.335 kHz
OBW Power 99.00 %
x dB Bandwidth 16.92 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
17.878 MHz
Total Power 14.0 dBm
Transmit Freq Error -27.284 kHz
OBW Power 99.00 %
x dB Bandwidth 17.39 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

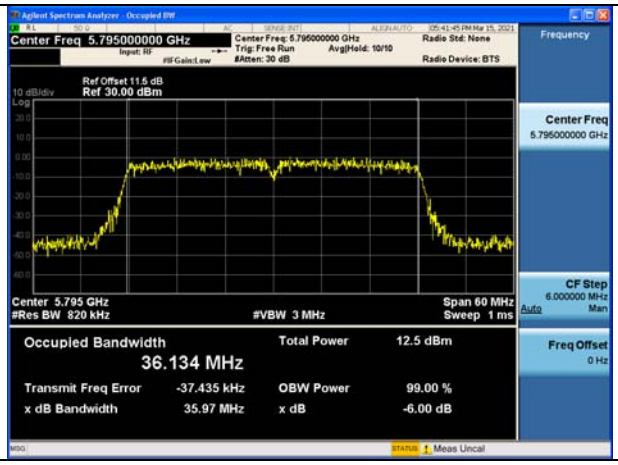
Test Mode:802. 11n HT40

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

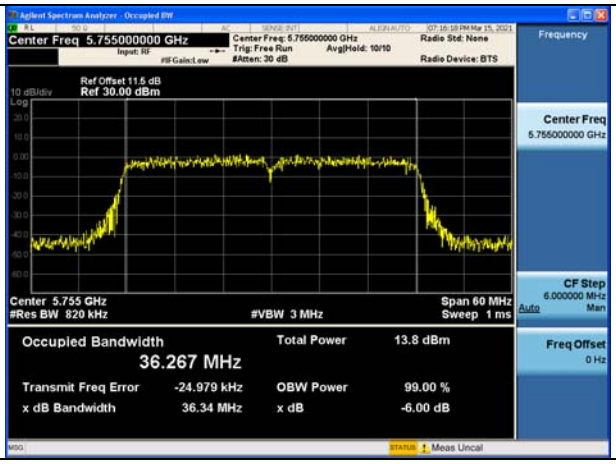
Test Mode:802. 11n HT40 Ant7



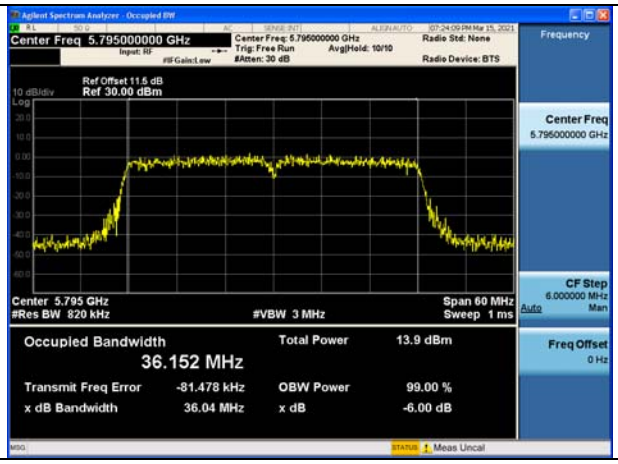
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8

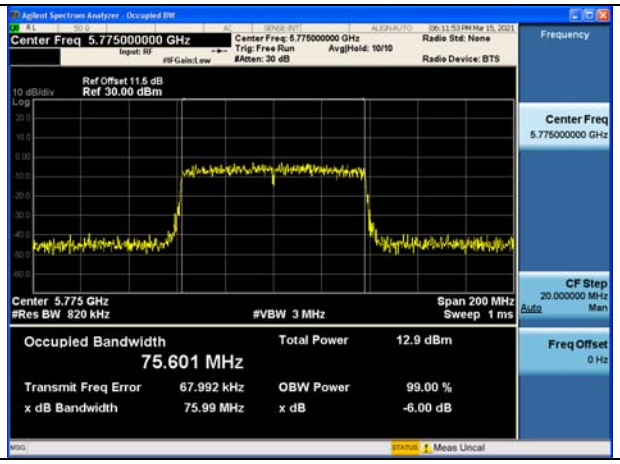
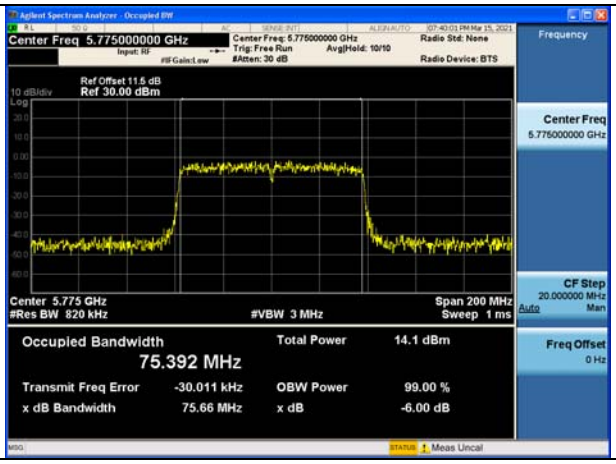


Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11ac VHT80

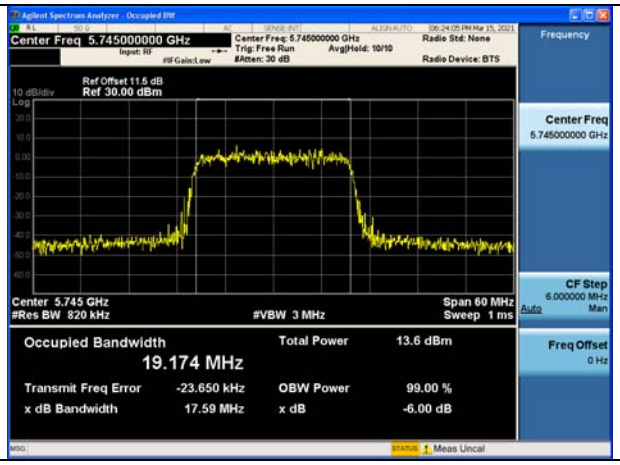
Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5775	Ant7	75.601
	Ant8	75.392

Test Mode:802. 11ac VHT80 Ant7	Test Mode:802. 11ac VHT80 Ant8
	

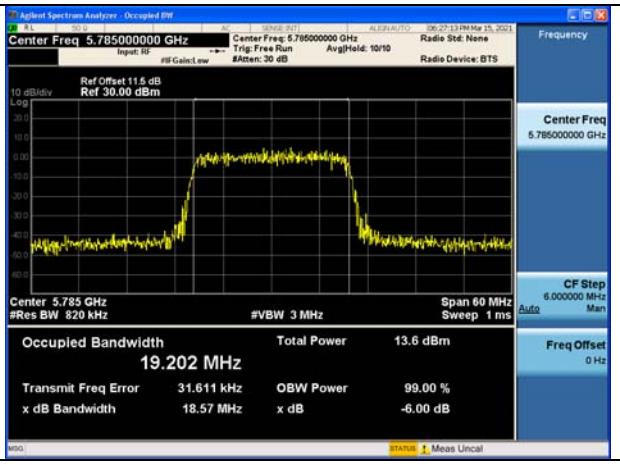
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5745	Ant7	19.174
	Ant8	19.198
5785	Ant7	19.202
	Ant8	19.148
5825	Ant7	19.206
	Ant8	19.178

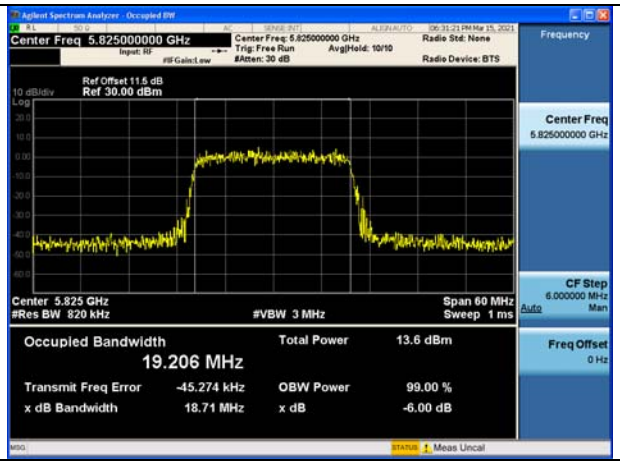
Test Mode:802. 11ax HE20 Ant7



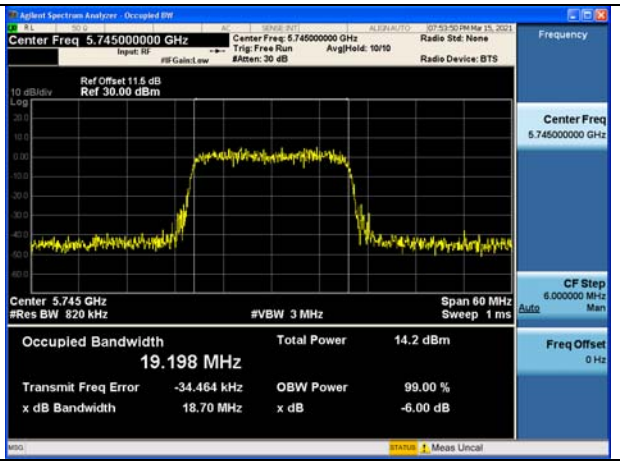
Test Mode:802. 11ax HE20 Ant7



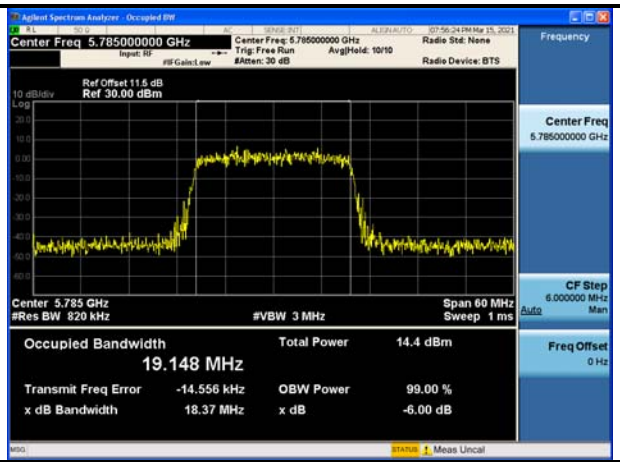
Test Mode:802. 11ax HE20 Ant7

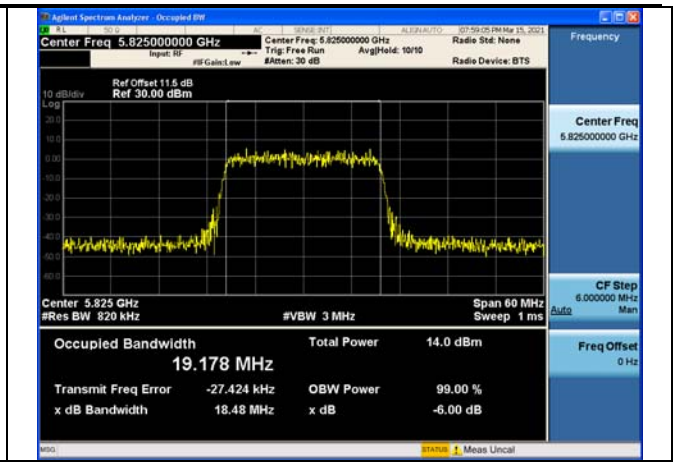


Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

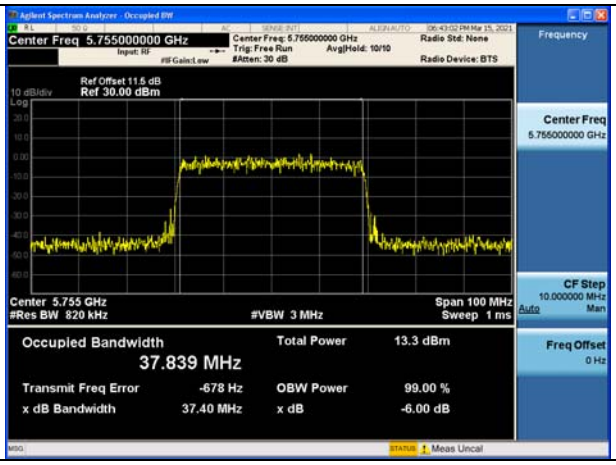

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
19.148 MHz
Total Power 14.4 dBm
Transmit Freq Error -14.556 kHz
OBW Power 99.00 %
x dB Bandwidth 18.37 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
19.178 MHz
Total Power 14.0 dBm
Transmit Freq Error -27.424 kHz
OBW Power 99.00 %
x dB Bandwidth 18.48 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

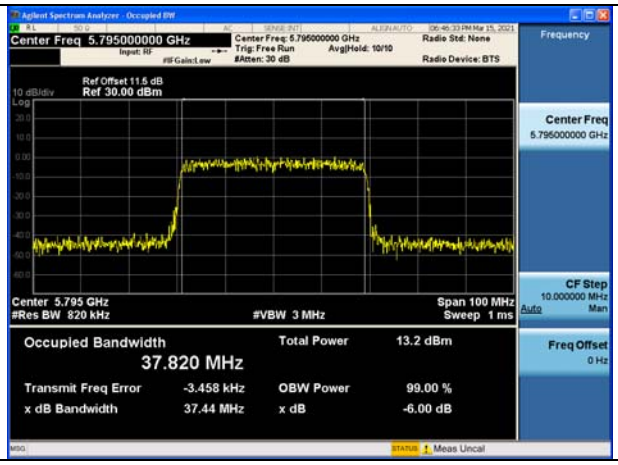
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5755	Ant7	37.839
	Ant8	37.824
5795	Ant7	37.820
	Ant8	37.865

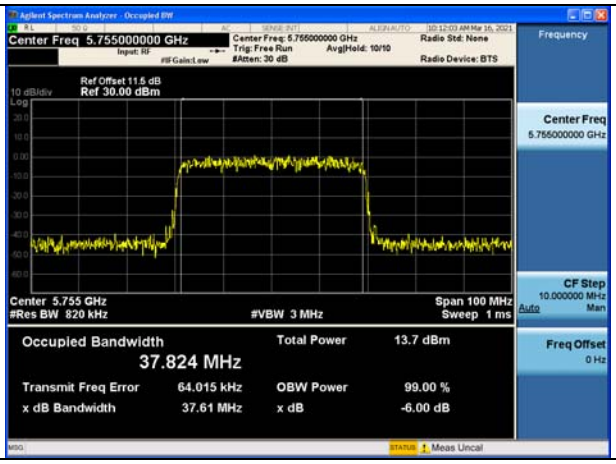
Test Mode:802. 11ax HE40 Ant7



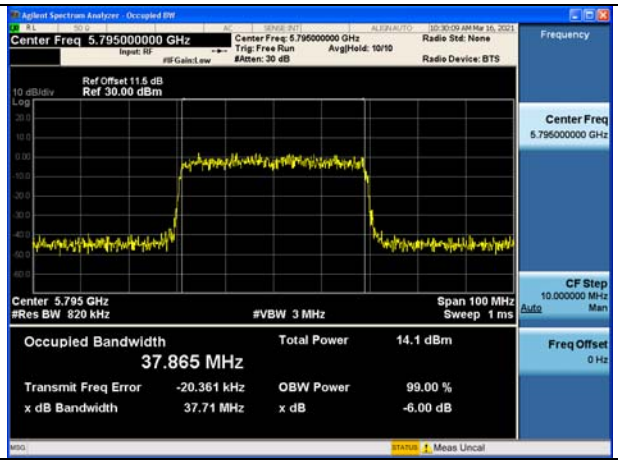
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8

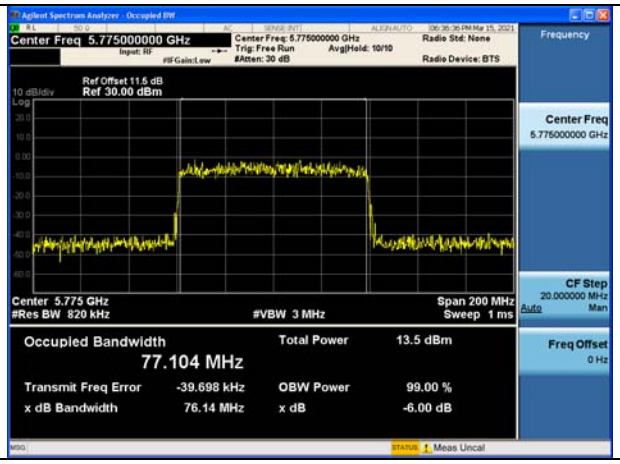
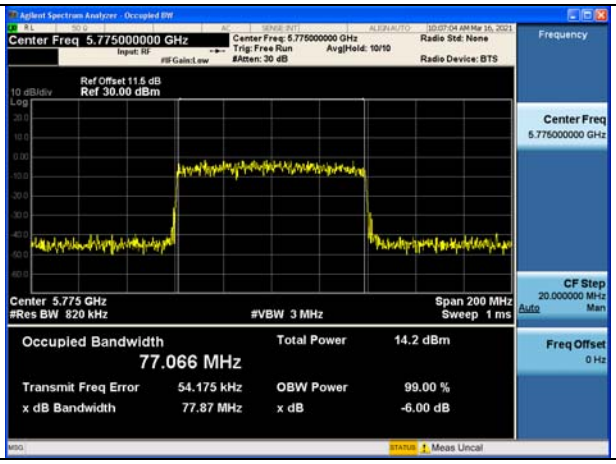


Test Mode:802. 11ax HE40 Ant8



Test Mode:802.11ax HE80(996)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5775	Ant7	77.104
	Ant8	77.066

Test Mode:802. 11ax HE80 Ant7	Test Mode:802. 11ax HE80 Ant8
	

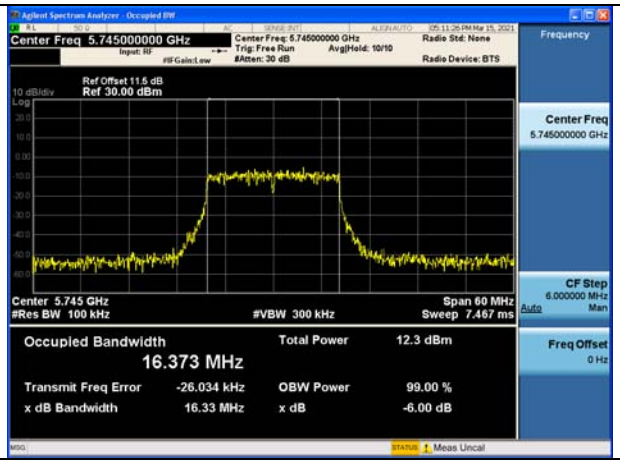
6dB Bandwidth

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

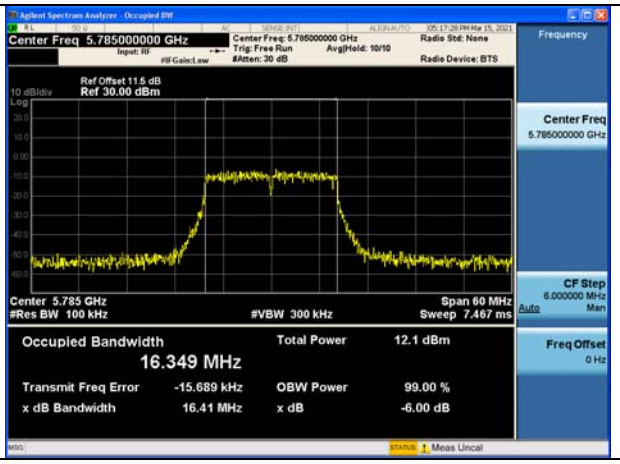
Test Mode:802.11a

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5745	Ant7	16.33
	Ant8	16.43
5785	Ant7	16.41
	Ant8	16.38
5825	Ant7	16.48
	Ant8	16.27

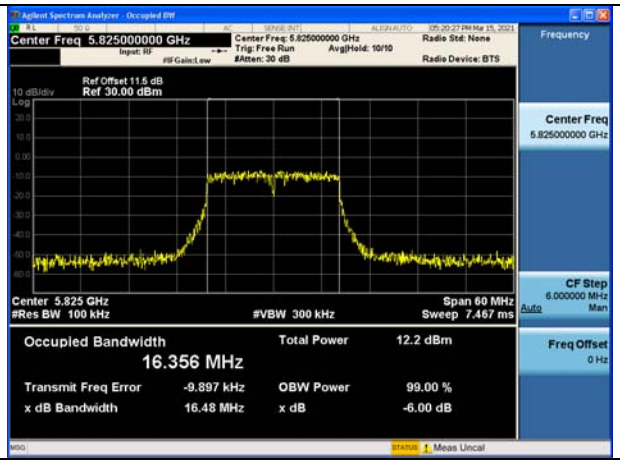
Test Mode:802.11a Ant7



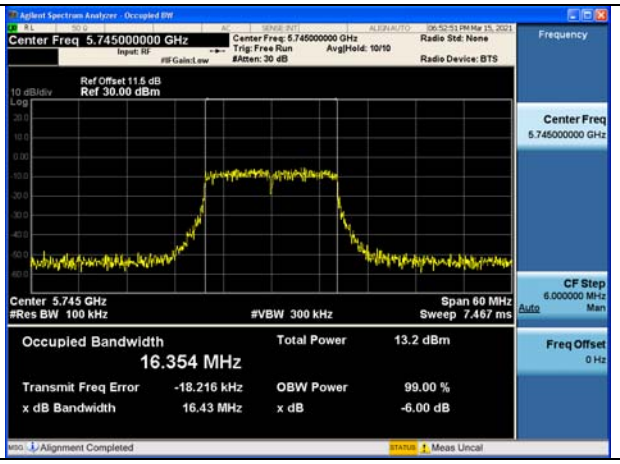
Test Mode:802.11a Ant7



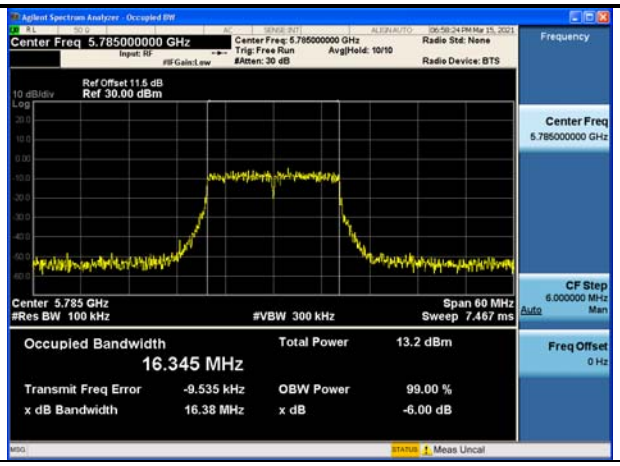
Test Mode:802.11a Ant7

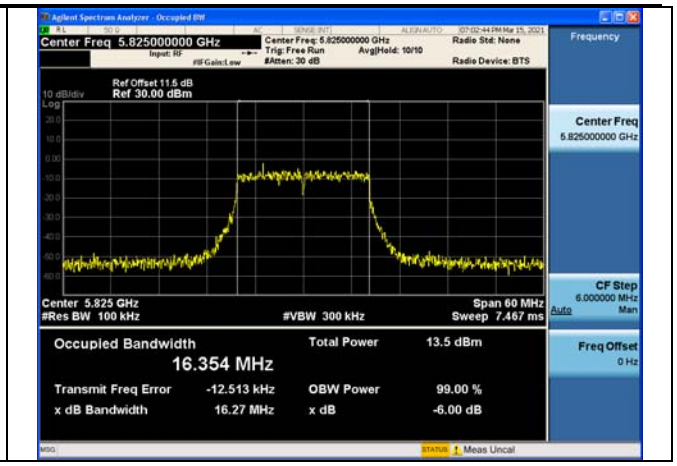


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

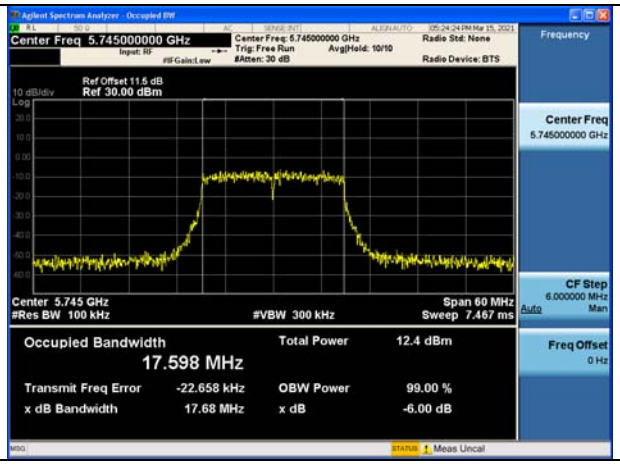

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 7.467 ms
Occupied Bandwidth
16.345 MHz
Total Power 13.2 dBm
Transmit Freq Error -9.535 kHz
OBW Power 99.00 %
x dB Bandwidth 16.38 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 7.467 ms
Occupied Bandwidth
16.354 MHz
Total Power 13.5 dBm
Transmit Freq Error -12.513 kHz
OBW Power 99.00 %
x dB Bandwidth 16.27 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

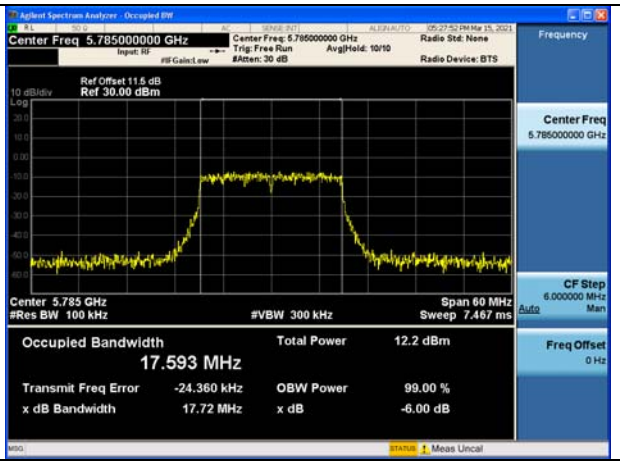
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5745	Ant7	17.68
	Ant8	17.74
5785	Ant7	17.72
	Ant8	17.66
5825	Ant7	17.66
	Ant8	17.70

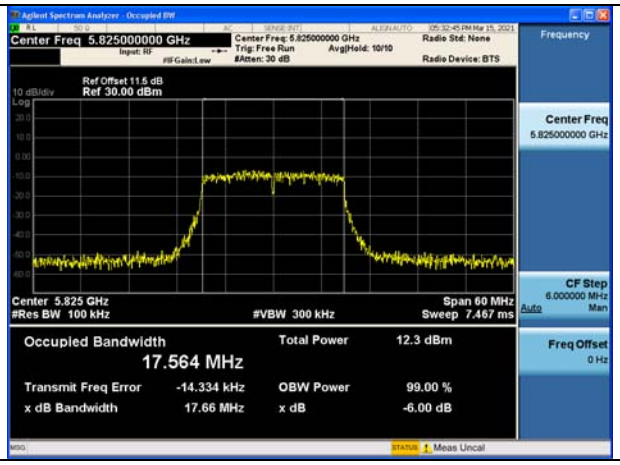
Test Mode:802. 11n HT20 Ant7



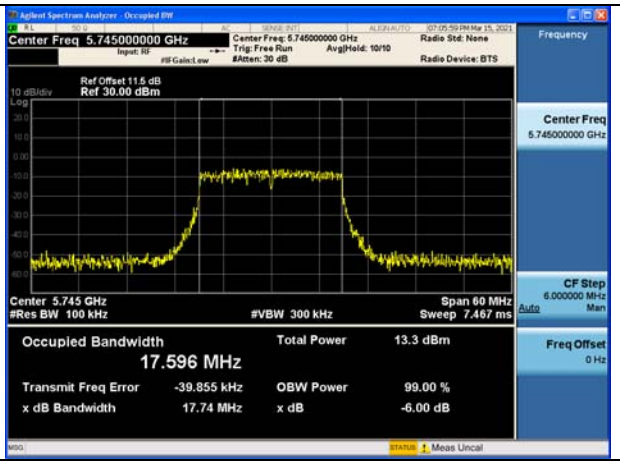
Test Mode:802. 11n HT20 Ant7



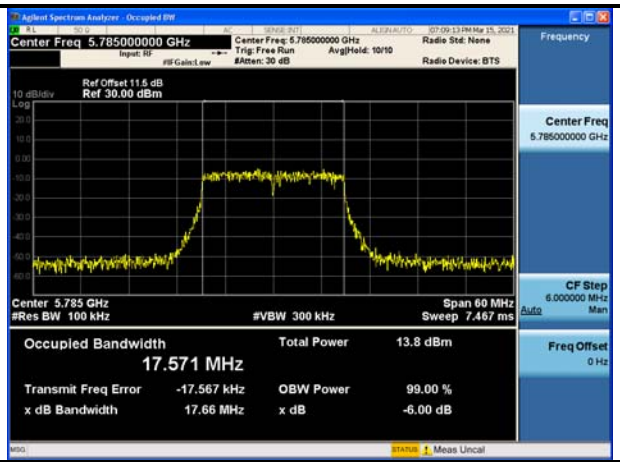
Test Mode:802. 11n HT20 Ant7

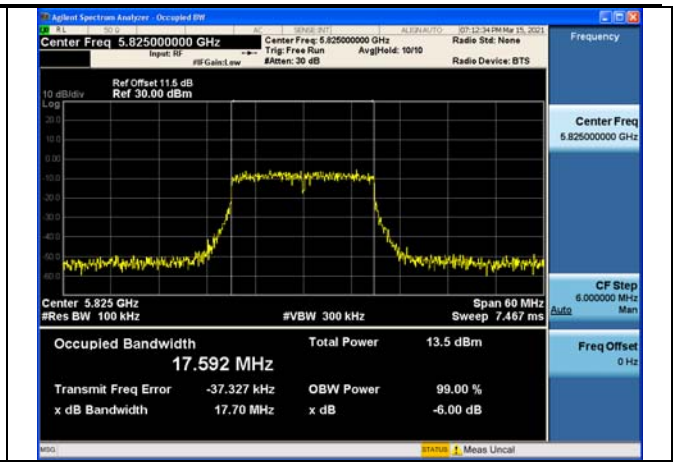


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

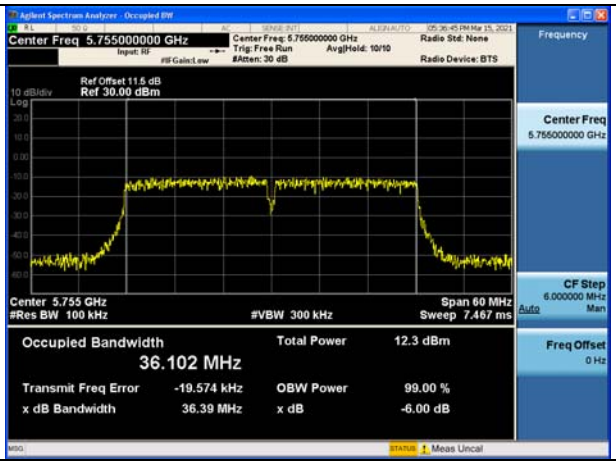

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 7.467 ms
Occupied Bandwidth
17.571 MHz
Total Power 13.8 dBm
Transmit Freq Error -17.567 kHz
OBW Power 99.00 %
x dB Bandwidth 17.66 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 7.467 ms
Occupied Bandwidth
17.592 MHz
Total Power 13.5 dBm
Transmit Freq Error -37.327 kHz
OBW Power 99.00 %
x dB Bandwidth 17.70 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

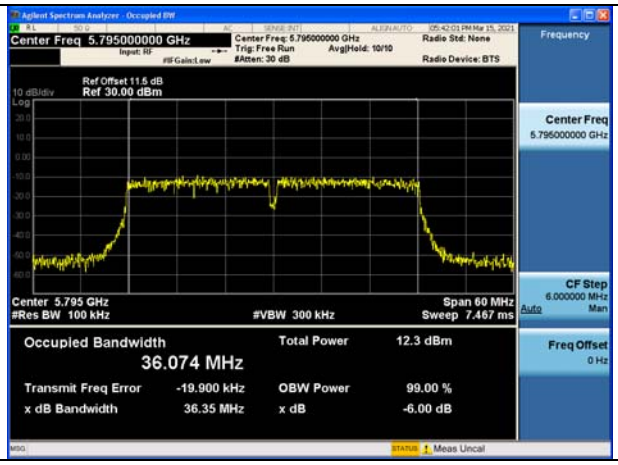
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5755	Ant7	36.39
	Ant8	36.39
5795	Ant7	36.35
	Ant8	35.92

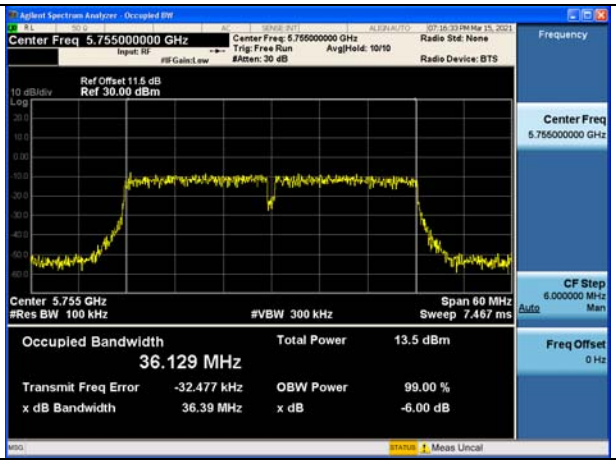
Test Mode:802. 11n HT40 Ant7



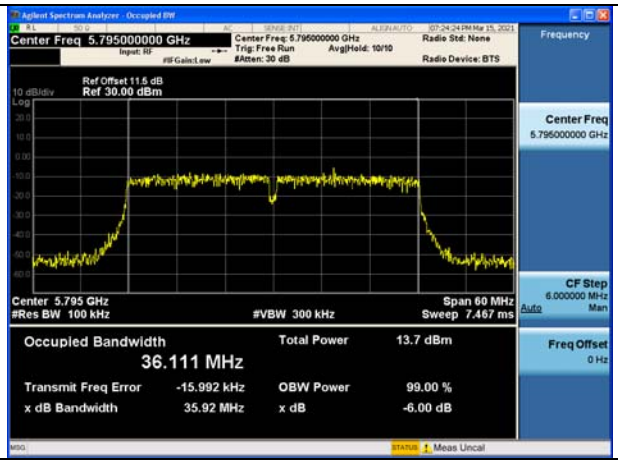
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



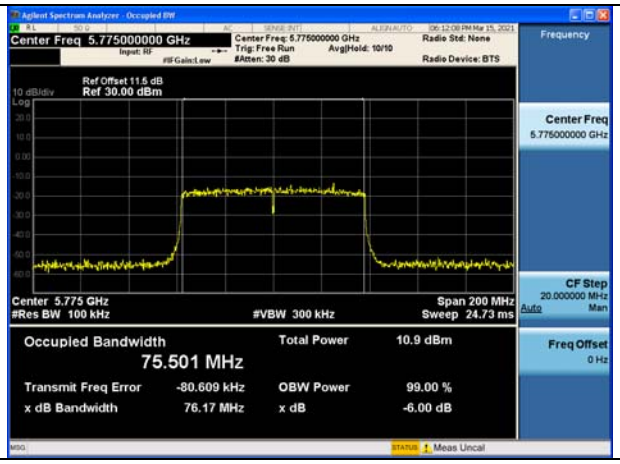
Test Mode:802. 11n HT40 Ant8



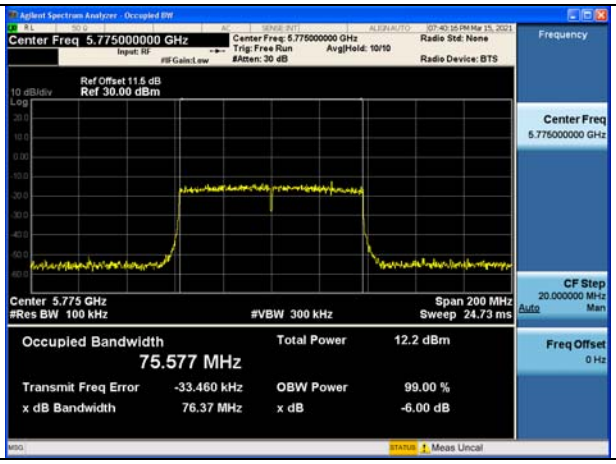
Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5775	Ant7	76.17
	Ant8	76.37

Test Mode:802. 11ac VHT80 Ant7



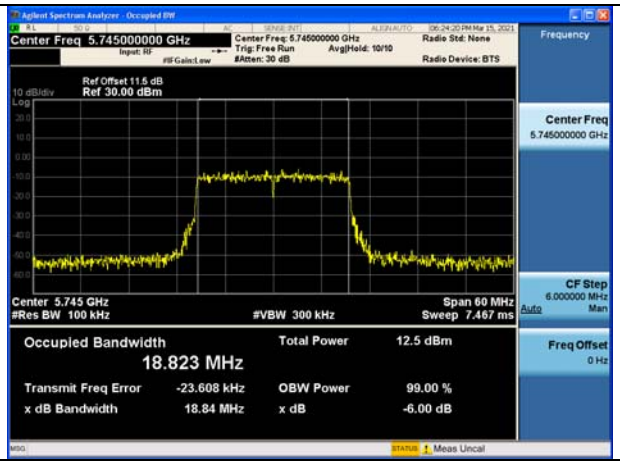
Test Mode:802. 11ac VHT80 Ant8



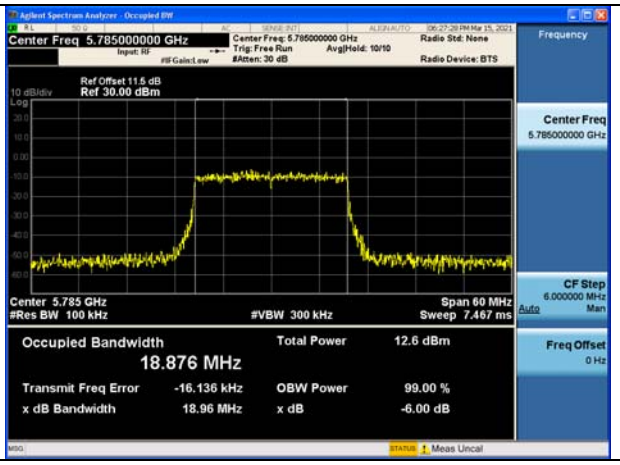
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5745	Ant7	18.84
	Ant8	18.95
5785	Ant7	18.96
	Ant8	18.97
5825	Ant7	18.40
	Ant8	17.51

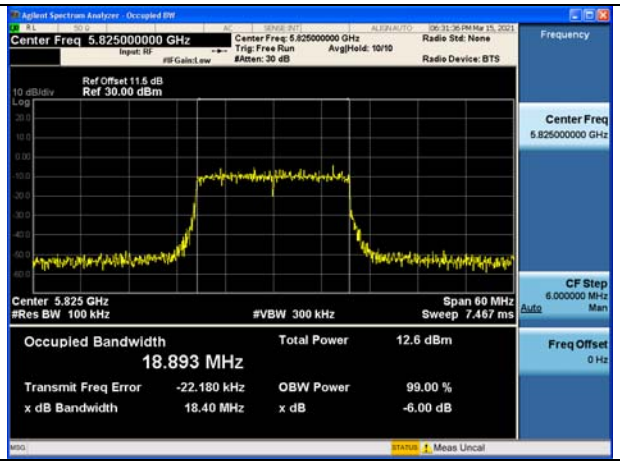
Test Mode:802. 11ax HE20 Ant7



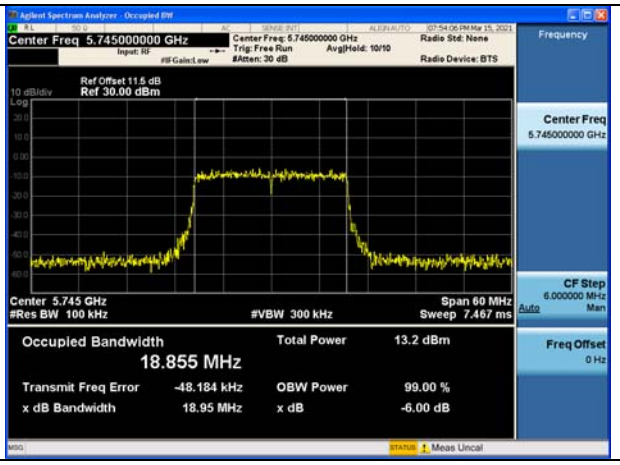
Test Mode:802. 11ax HE20 Ant7



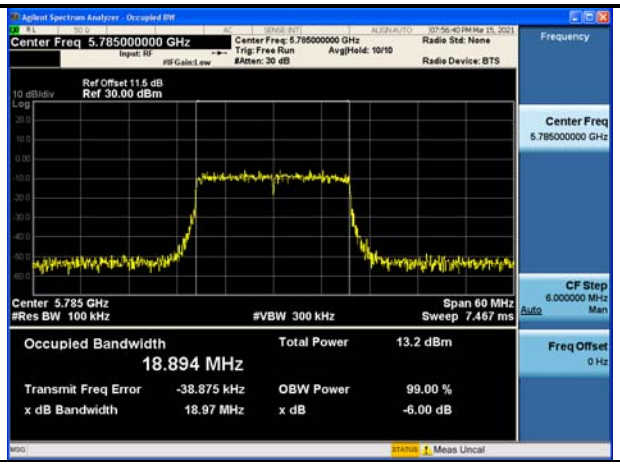
Test Mode:802. 11ax HE20 Ant7

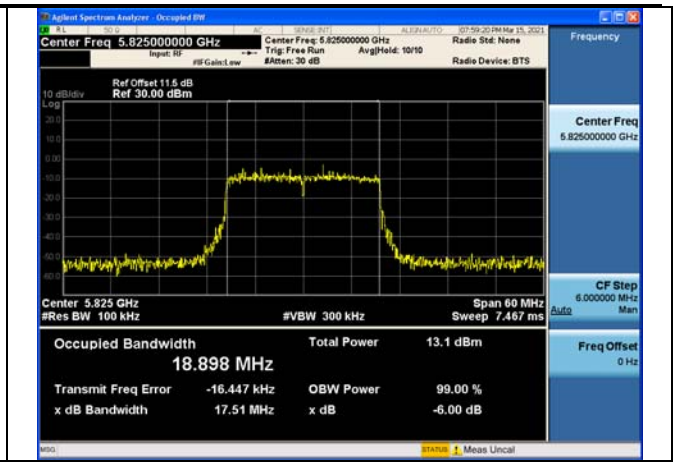


Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

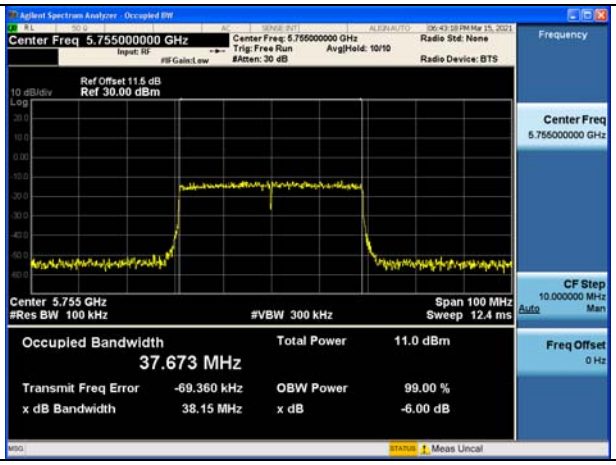

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.785000000 GHz
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.785000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 7.467 ms
Occupied Bandwidth
18.894 MHz
Total Power 13.2 dBm
Transmit Freq Error -38.875 kHz
OBW Power 99.00 %
x dB Bandwidth 18.97 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.825000000 GHz
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.825000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 7.467 ms
Occupied Bandwidth
18.898 MHz
Total Power 13.1 dBm
Transmit Freq Error -16.447 kHz
OBW Power 99.00 %
x dB Bandwidth 17.51 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

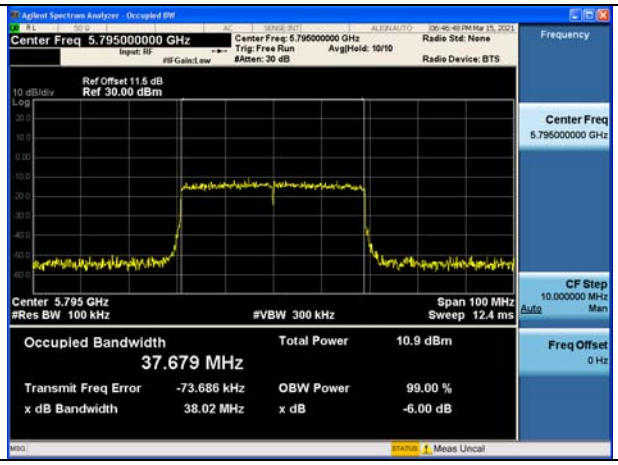
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5755	Ant7	38.15
	Ant8	37.86
5795	Ant7	38.02
	Ant8	37.99

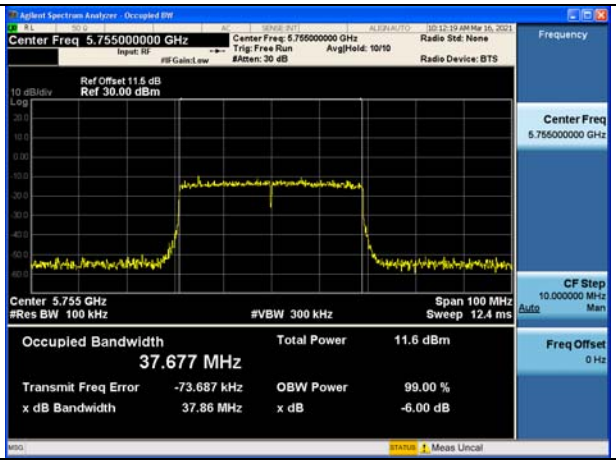
Test Mode:802. 11ax HE40 Ant7



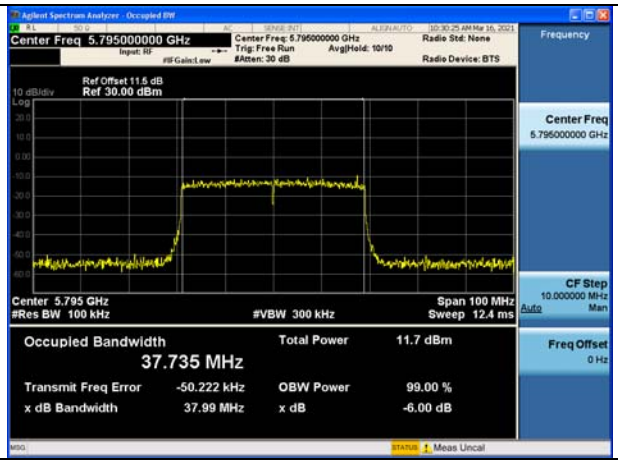
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8

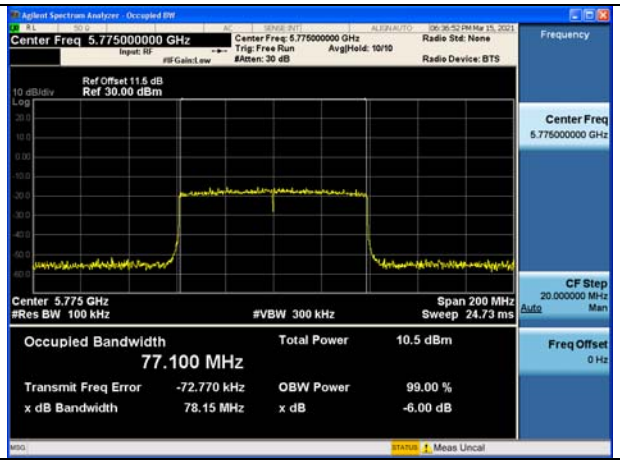
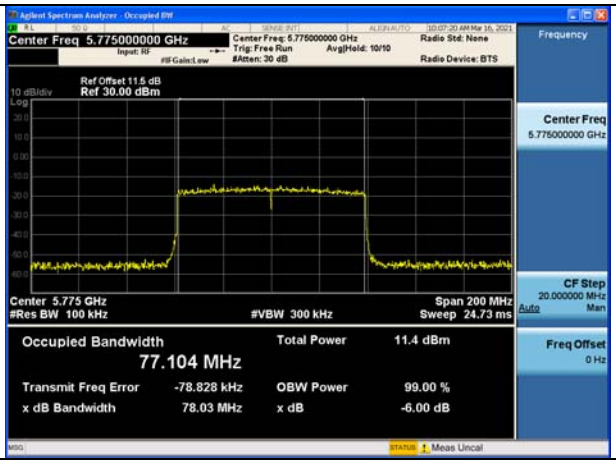


Test Mode:802. 11ax HE40 Ant8



Test Mode:802.11ax HE80(996)

Carrier frequency (MHz)	Ant	6dB Bandwidth (MHz)
5775	Ant7	78.15
	Ant8	78.03

Test Mode:802. 11ax HE80 Ant7	Test Mode:802. 11ax HE80 Ant8
	

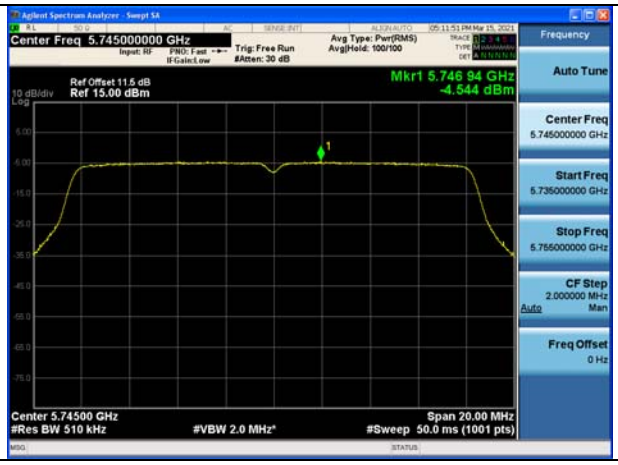
Transmitter Power Spectral Density

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

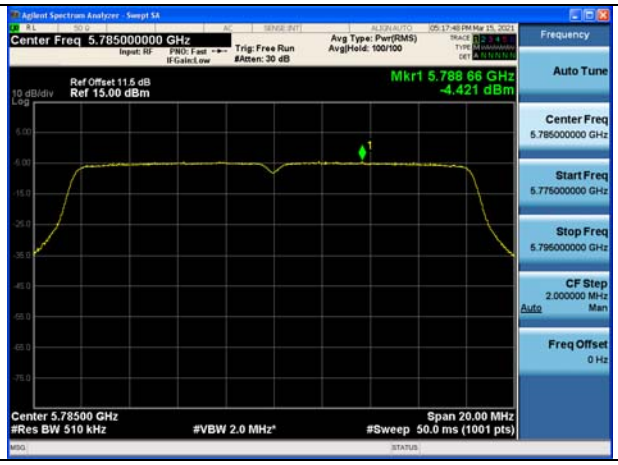
Test Mode:802.11a

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.06	Ant7	-4.484
		Ant8	-3.683
		Ant7+Ant8	-1.055
5785		Ant7	-4.361
		Ant8	-3.359
		Ant7+Ant8	-0.821
5825		Ant7	-4.455
		Ant8	-3.449
		Ant7+Ant8	-0.913

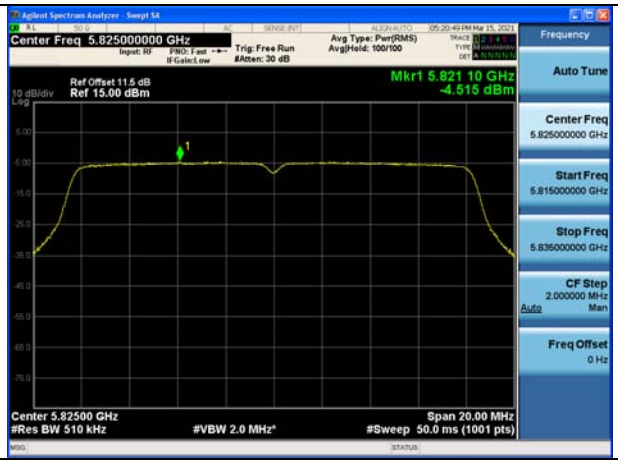
Test Mode:802.11a Ant7



Test Mode:802.11a Ant7



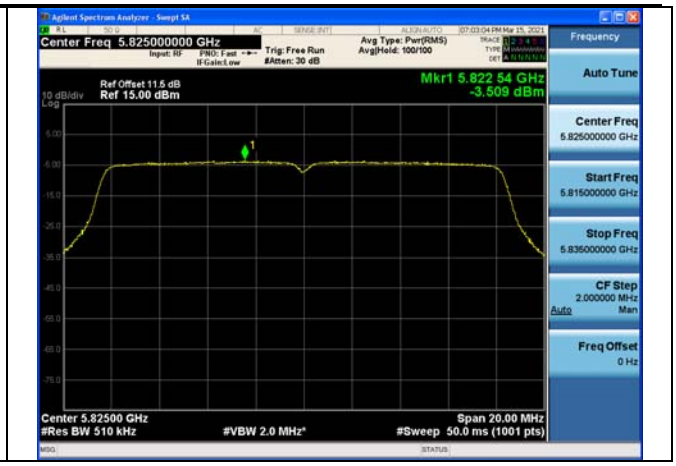
Test Mode:802.11a Ant7



Test Mode:802.11a Ant8

Test Mode:802.11a Ant8

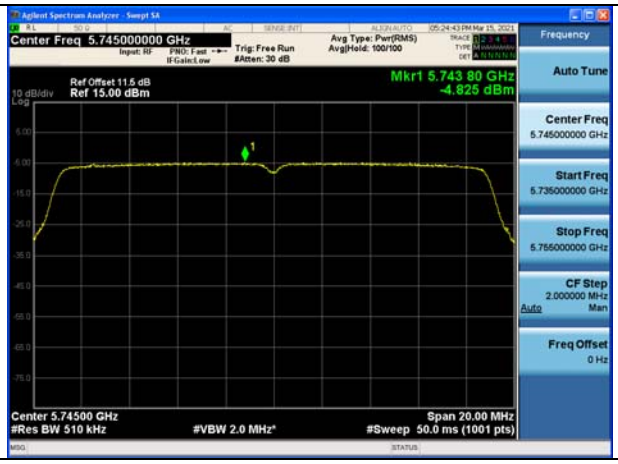
Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.782 76 GHz
-3.419 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.822 54 GHz
-3.509 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

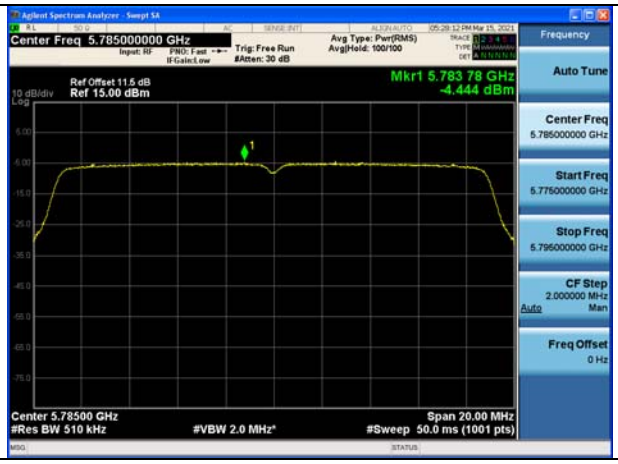
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.02	Ant7	-4.805
		Ant8	-3.751
		Ant7+Ant8	-1.236
5785		Ant7	-4.424
		Ant8	-3.467
		Ant7+Ant8	-0.909
5825		Ant7	-4.461
		Ant8	-3.137
		Ant7+Ant8	-0.738

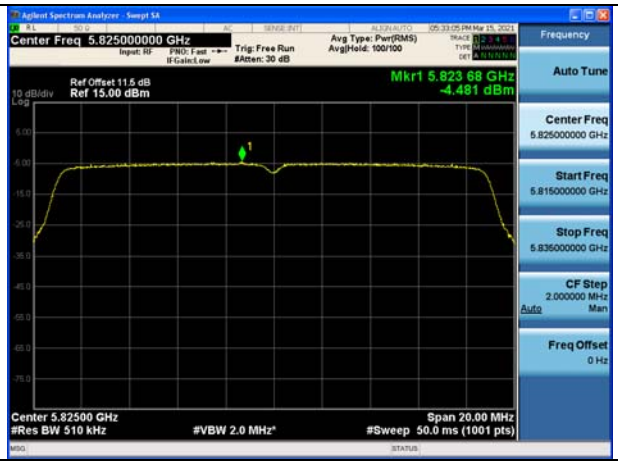
Test Mode:802. 11n HT20 Ant7



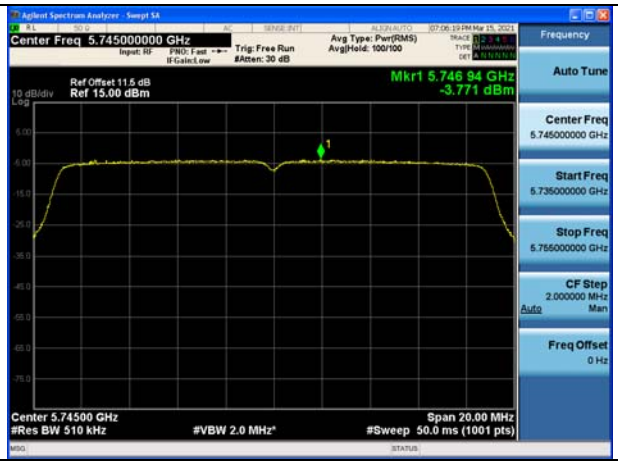
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

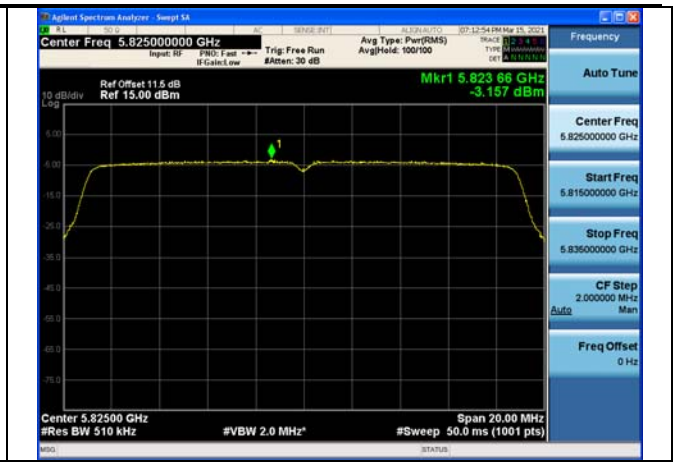


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

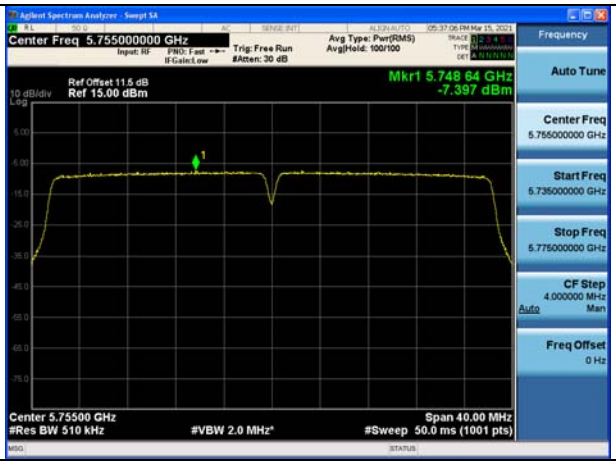
Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.783 42 GHz
-3.487 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.823 66 GHz
-3.157 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

Test Mode:802. 11n HT40

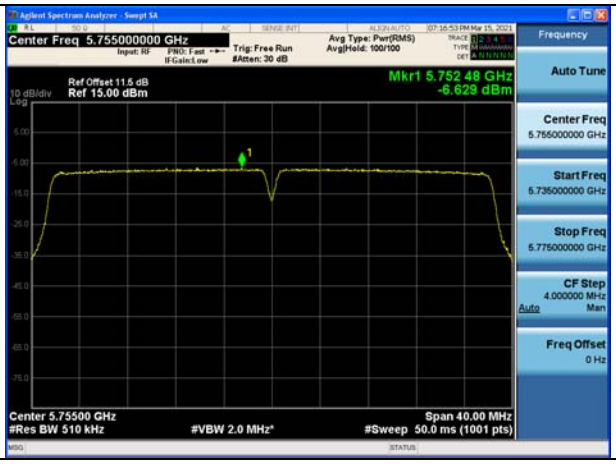
Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5755	0.02	Ant7	-7.377
		Ant8	-6.609
		Ant7+Ant8	-3.966
5795		Ant7	-7.591
		Ant8	-6.427
		Ant7+Ant8	-3.960

Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant7

Test Mode:802. 11n HT40 Ant8

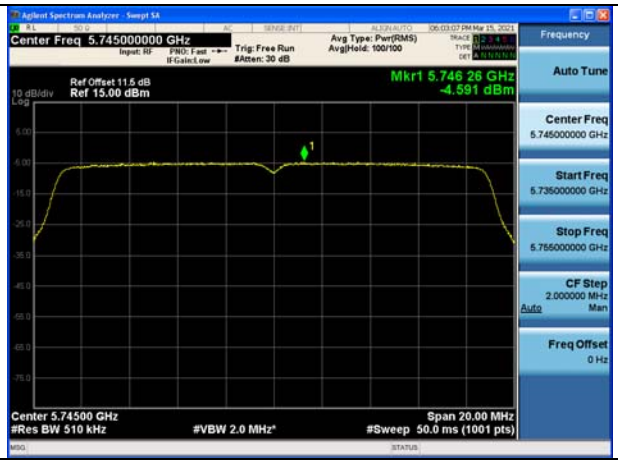


Test Mode:802. 11n HT40 Ant8

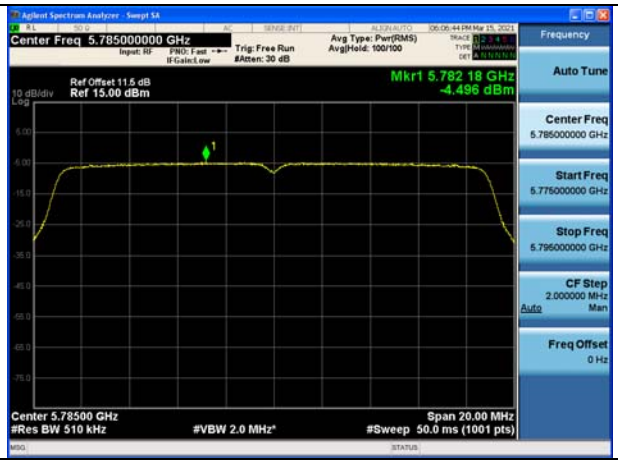
Test Mode:802. 11ac VHT20

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.02	Ant7	-4.571
		Ant8	-3.562
		Ant7+Ant8	-1.027
5785		Ant7	-4.476
		Ant8	-3.501
		Ant7+Ant8	-0.951
5825		Ant7	-4.605
		Ant8	-3.716
		Ant7+Ant8	-1.127

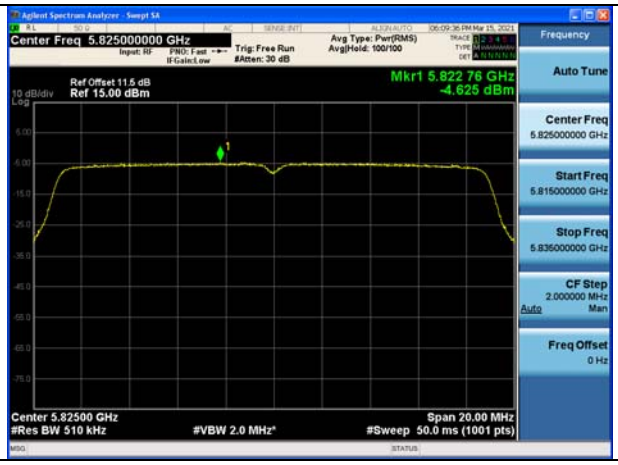
Test Mode:802. 11ac VHT20 Ant7



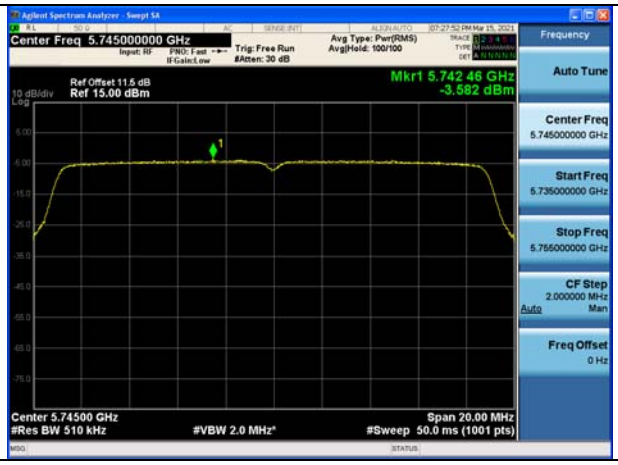
Test Mode:802. 11ac VHT20 Ant7



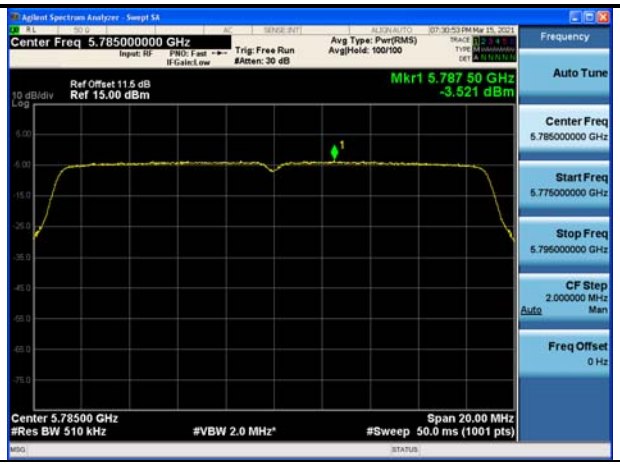
Test Mode:802. 11ac VHT20 Ant7

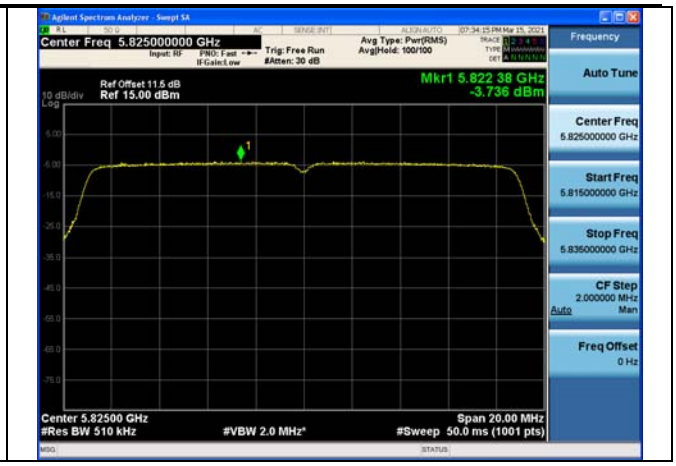


Test Mode:802. 11ac VHT20 Ant8



Test Mode:802. 11ac VHT20 Ant8

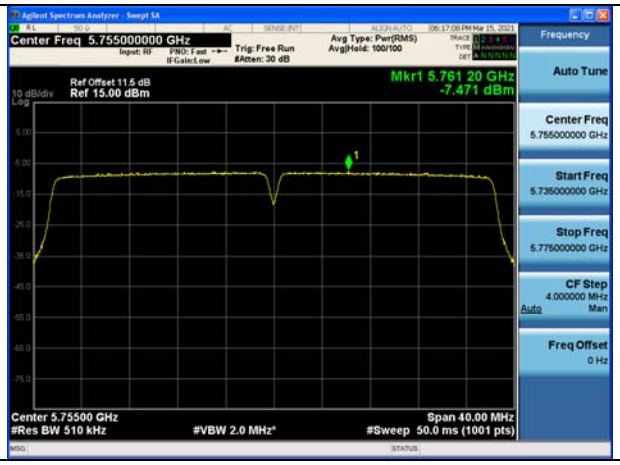

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.787 50 GHz
-3.521 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.822 38 GHz
-3.736 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

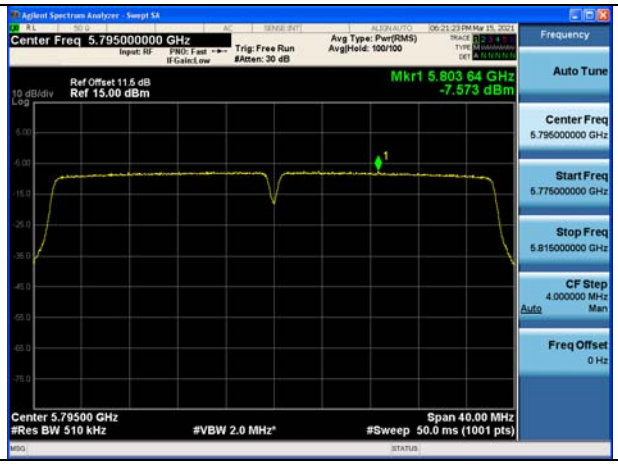
Test Mode:802. 11ac VHT40

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5755	0.02	Ant7	-7.451
		Ant8	-6.787
		Ant7+Ant8	-4.096
5795		Ant7	-7.553
		Ant8	-6.755
		Ant7+Ant8	-4.125

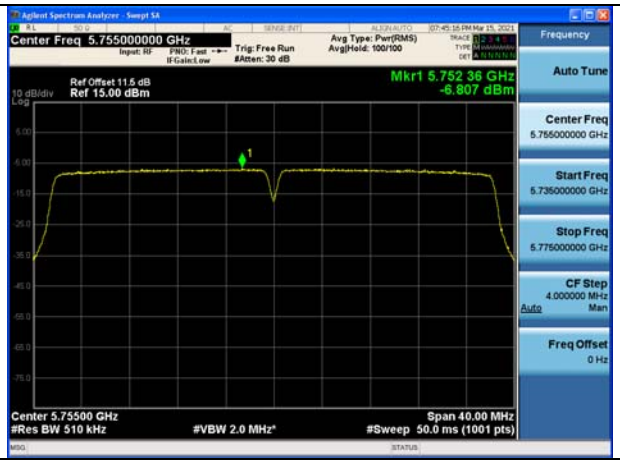
Test Mode:802. 11ac VHT40 Ant7



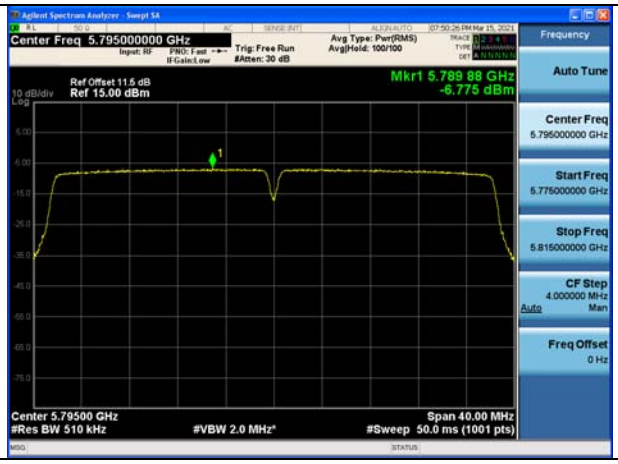
Test Mode:802. 11ac VHT40 Ant7



Test Mode:802. 11ac VHT40 Ant8



Test Mode:802. 11ac VHT40 Ant8



Test Mode:802. 11ac VHT80

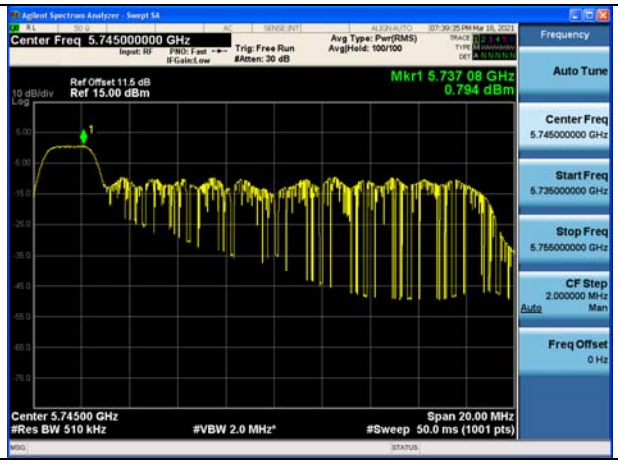
Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5775	0.02	Ant7	-10.47
		Ant8	-9.442
		Ant7+Ant8	-6.915

Test Mode:802. 11ac VHT80 Ant7	Test Mode:802. 11ac VHT80 Ant8

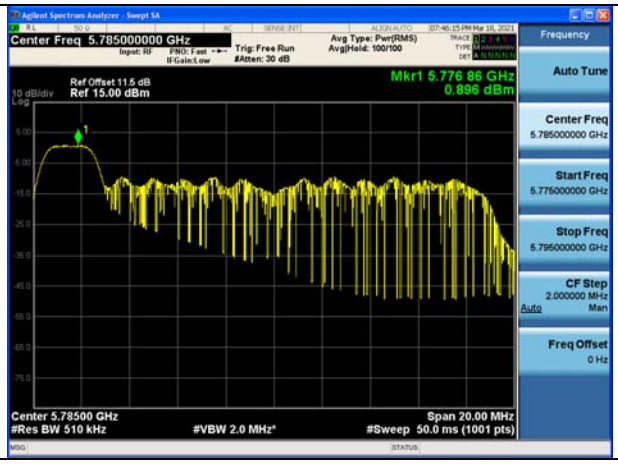
Test Mode:802.11ax HE20(26T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.02	Ant7	0.814
		Ant8	0.716
		Ant7+Ant8	3.776
5785		Ant7	0.916
		Ant8	0.321
		Ant7+Ant8	3.639
5825		Ant7	0.688
		Ant8	0.517
		Ant7+Ant8	3.614

Test Mode:802. 11ax HE20 Ant7

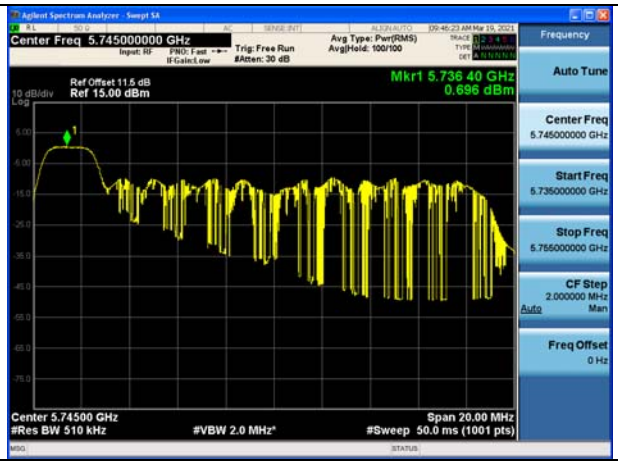


Test Mode:802. 11ax HE20 Ant7



Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Frequency
Auto Tune
Mkr1 5.776 72 GHz
0.301 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Frequency
Auto Tune
Mkr1 5.816 34 GHz
0.497 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

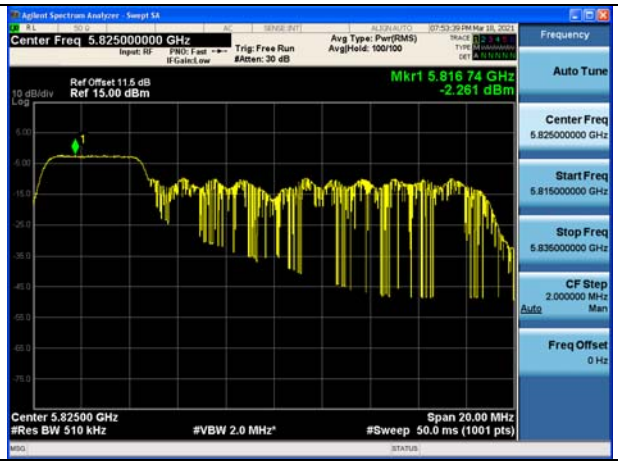
Test Mode:802.11ax HE20(52T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.02	Ant7	-2.209
		Ant8	-2.458
		Ant7+Ant8	0.679
5785		Ant7	-2.305
		Ant8	-2.316
		Ant7+Ant8	0.700
5825		Ant7	-2.241
		Ant8	-2.376
		Ant7+Ant8	0.702

Test Mode:802. 11ax HE20 Ant7

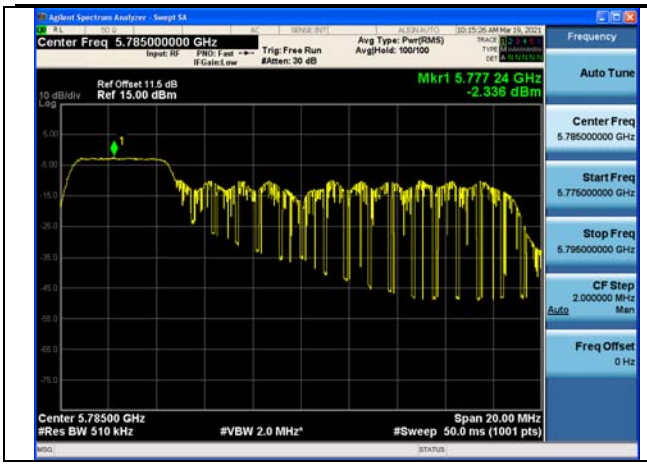
Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant7



Test Mode:802. 11ax HE20 Ant8

Test Mode:802. 11ax HE20 Ant8


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Mkr1 5.777 24 GHz
-2.336 dBm
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz

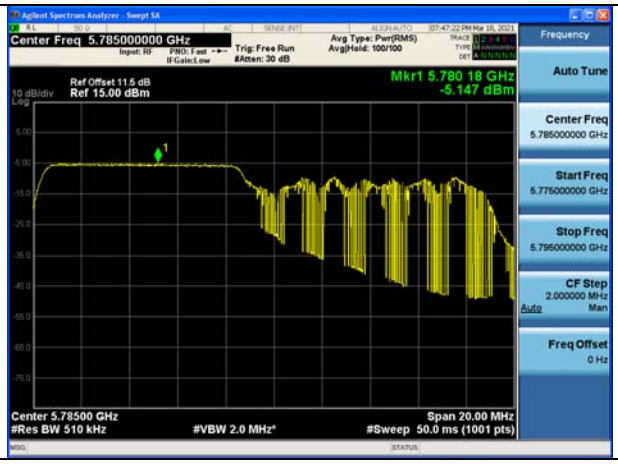
Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Mkr1 5.817 70 GHz
-2.396 dBm
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz

Test Mode:802.11ax HE20(106T)

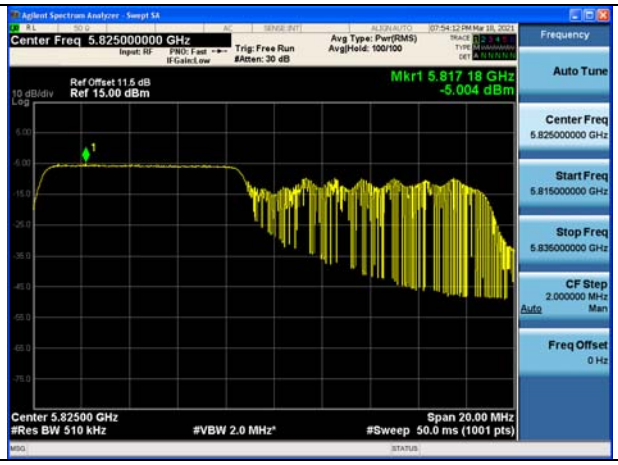
Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.02	Ant7	-5.160
		Ant8	-5.277
		Ant7+Ant8	-2.208
5785		Ant7	-5.127
		Ant8	-5.438
		Ant7+Ant8	-2.269
5825		Ant7	-4.984
		Ant8	-5.522
		Ant7+Ant8	-2.234

Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant7

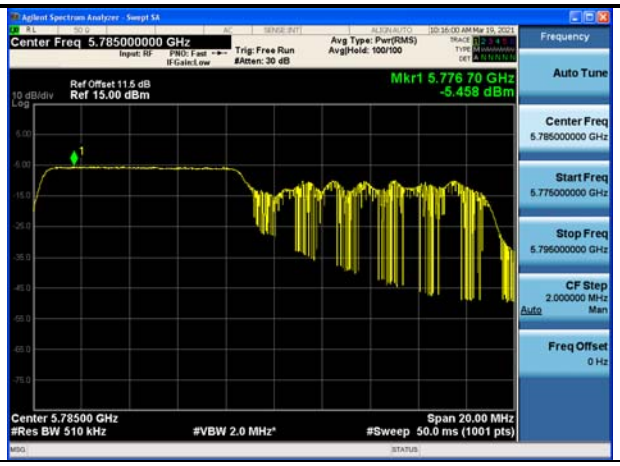


Test Mode:802. 11ax HE20 Ant7



Test Mode:802. 11ax HE20 Ant8

Test Mode:802. 11ax HE20 Ant8

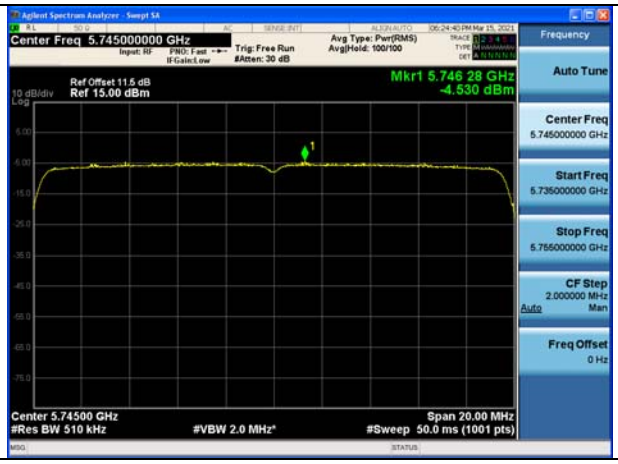

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Mkr1 5.776 70 GHz
-5.458 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Mkr1 5.821 30 GHz
-5.542 dBm
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

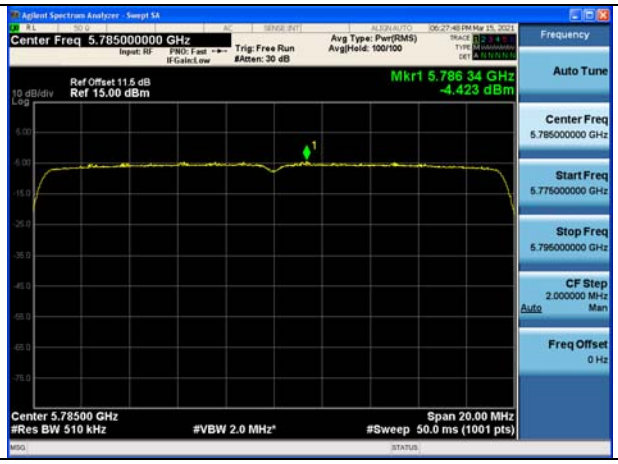
Test Mode:802.11ax HE20(242T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5745	0.02	Ant7	-4.510
		Ant8	-3.737
		Ant7+Ant8	-1.096
5785		Ant7	-4.403
		Ant8	-3.166
		Ant7+Ant8	-0.730
5825		Ant7	-4.241
		Ant8	-3.843
		Ant7+Ant8	-1.027

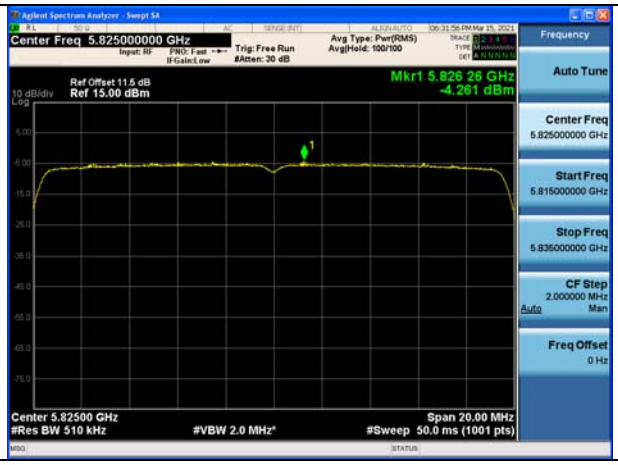
Test Mode:802. 11ax HE20 Ant7



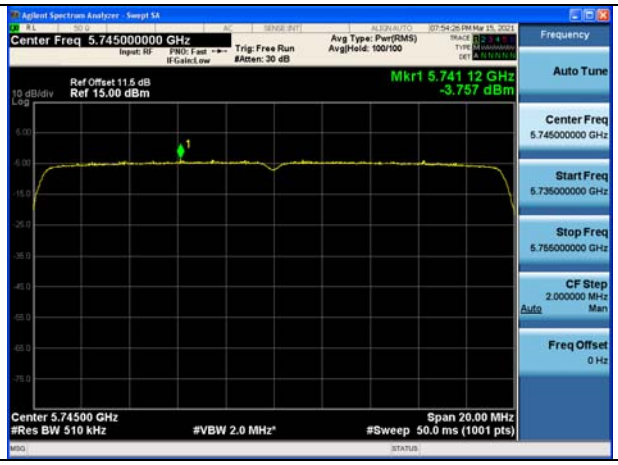
Test Mode:802. 11ax HE20 Ant7



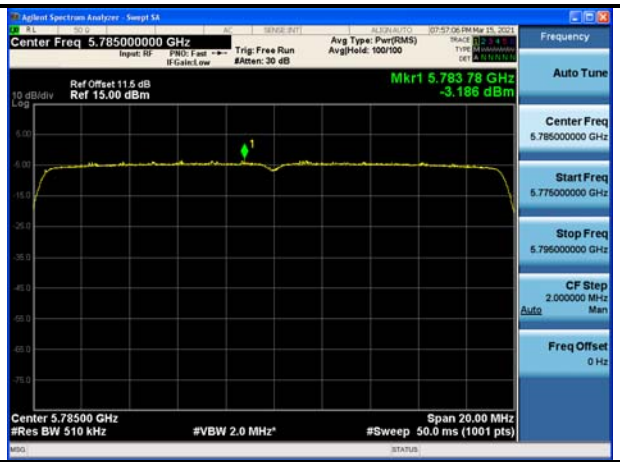
Test Mode:802. 11ax HE20 Ant7

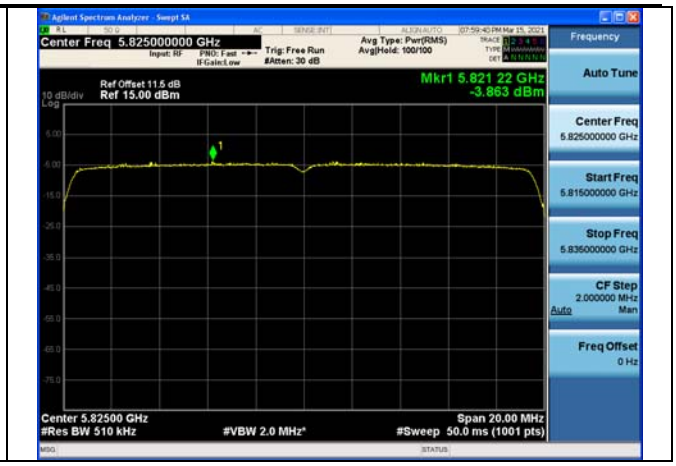


Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

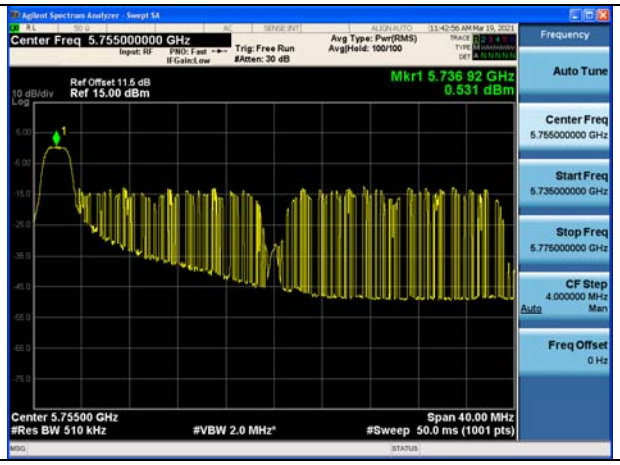

Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.783 78 GHz
-3.186 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.775000000 GHz
Stop Freq
5.795000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.78500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.825000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
Mkr1 5.821 22 GHz
-3.863 dBm
Ref Offset 11.5 dB
10 dB/div Ref 15.00 dBm
Frequency
Auto Tune
Center Freq
5.825000000 GHz
Start Freq
5.815000000 GHz
Stop Freq
5.835000000 GHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 5.82500 GHz
#Res BW 510 kHz
#VBW 2.0 MHz*
Span 20.00 MHz
#Sweep 50.0 ms (1001 pts)

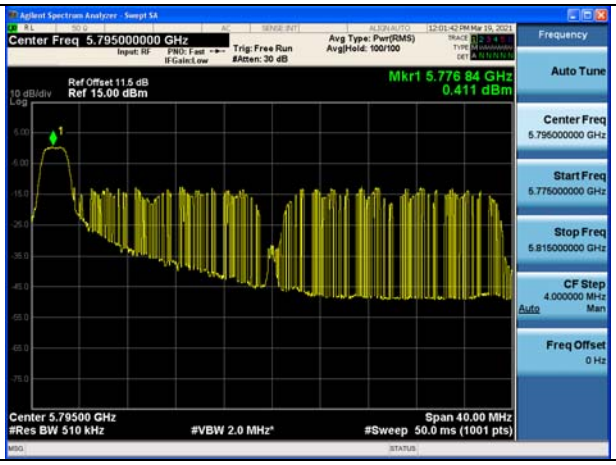
Test Mode:802.11ax HE40(26T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5755	0.02	Ant7	0.551
		Ant8	0.691
		Ant7+Ant8	3.632
5795		Ant7	0.431
		Ant8	0.642
		Ant7+Ant8	3.548

Test Mode:802. 11ax HE40 Ant7

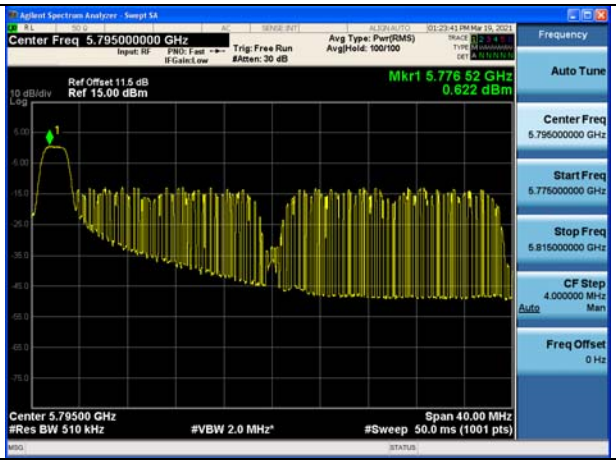


Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8

Test Mode:802. 11ax HE40 Ant8



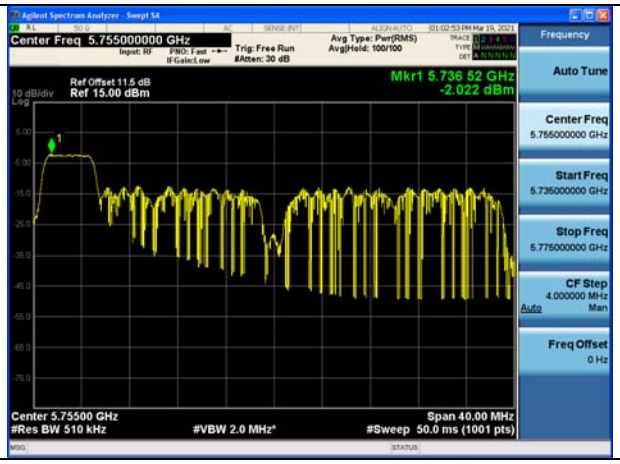
Test Mode:802.11ax HE40(52T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5755	0.02	Ant7	-2.466
		Ant8	-2.002
		Ant7+Ant8	0.782
5795		Ant7	-2.067
		Ant8	-2.268
		Ant7+Ant8	0.844

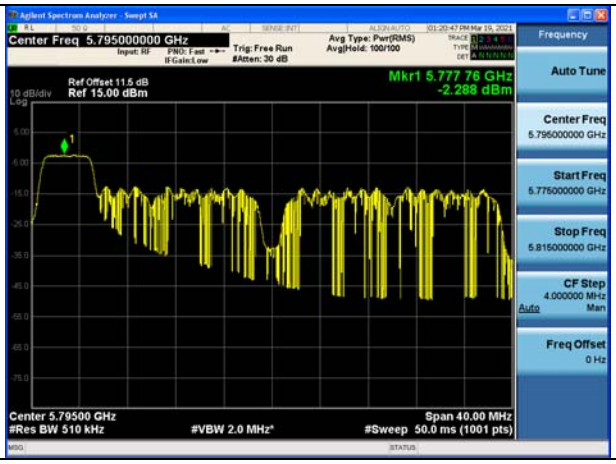
Test Mode:802. 11ax HE40 Ant7

Test Mode:802. 11ax HE40 Ant7

Test Mode:802. 11ax HE40 Ant8



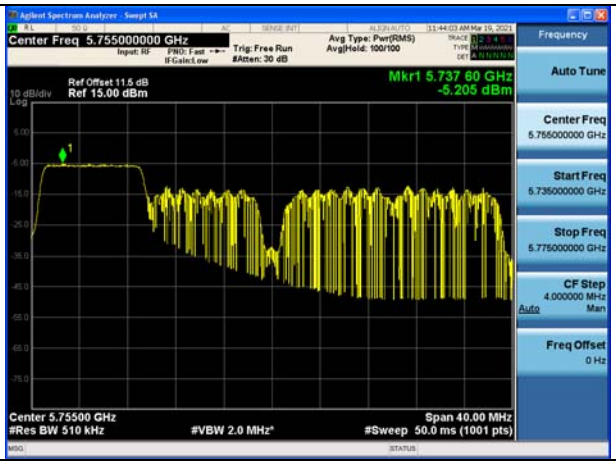
Test Mode:802. 11ax HE40 Ant8



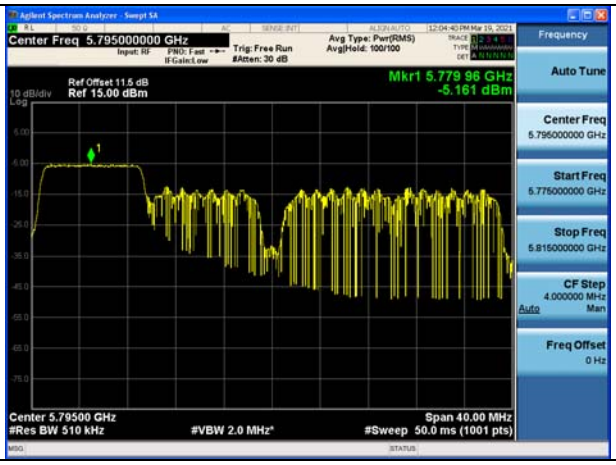
Test Mode:802.11ax HE40(106T)

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5755	0.02	Ant7	-5.185
		Ant8	-5.044
		Ant7+Ant8	-2.104
5795		Ant7	-5.141
		Ant8	-4.988
		Ant7+Ant8	-2.054

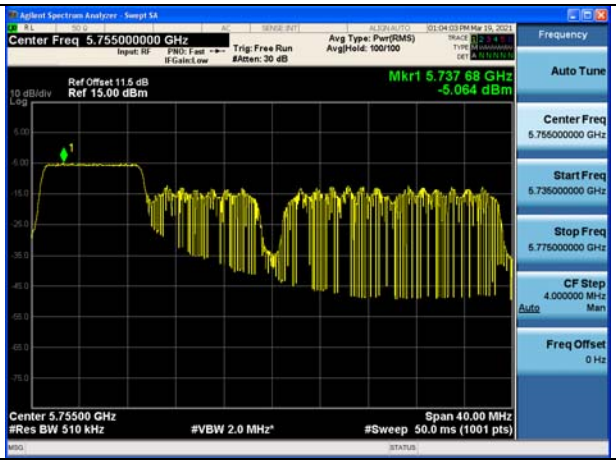
Test Mode:802. 11ax HE40 Ant7



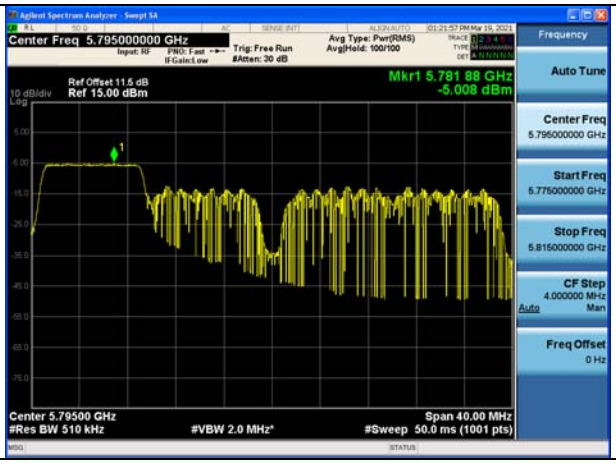
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8



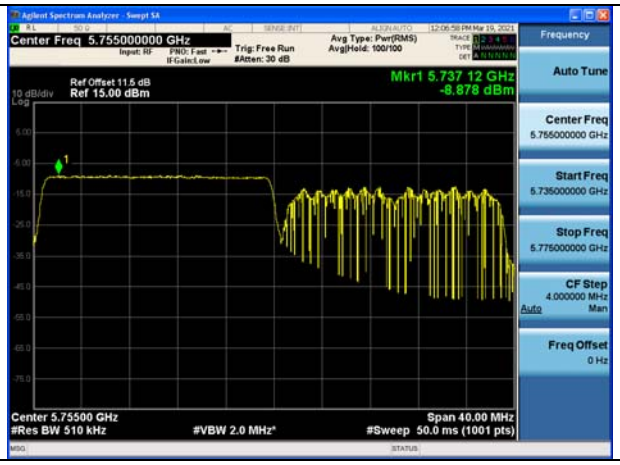
Test Mode:802. 11ax HE40 Ant8



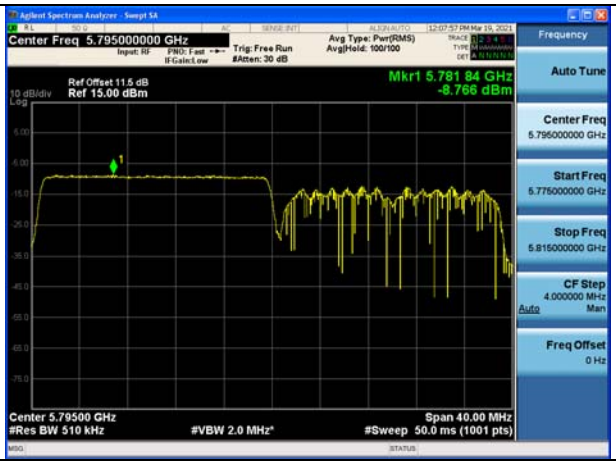
Test Mode:802.11ax HE40(242T)

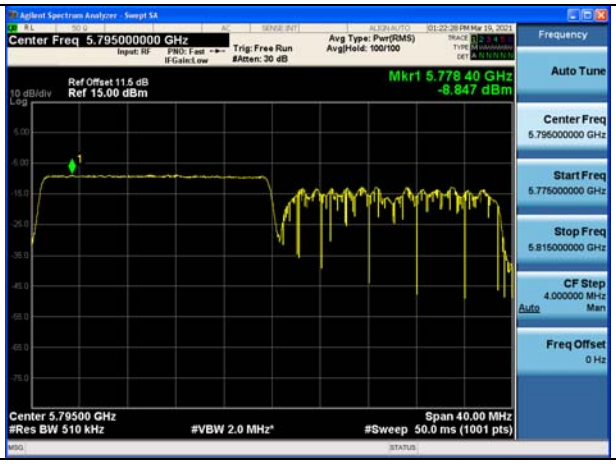
Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5755	0.02	Ant7	-8.858
		Ant8	-8.868
		Ant7+Ant8	-5.853
5795		Ant7	-8.746
		Ant8	-8.827
		Ant7+Ant8	-5.776

Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8

Test Mode:802. 11ax HE40 Ant8