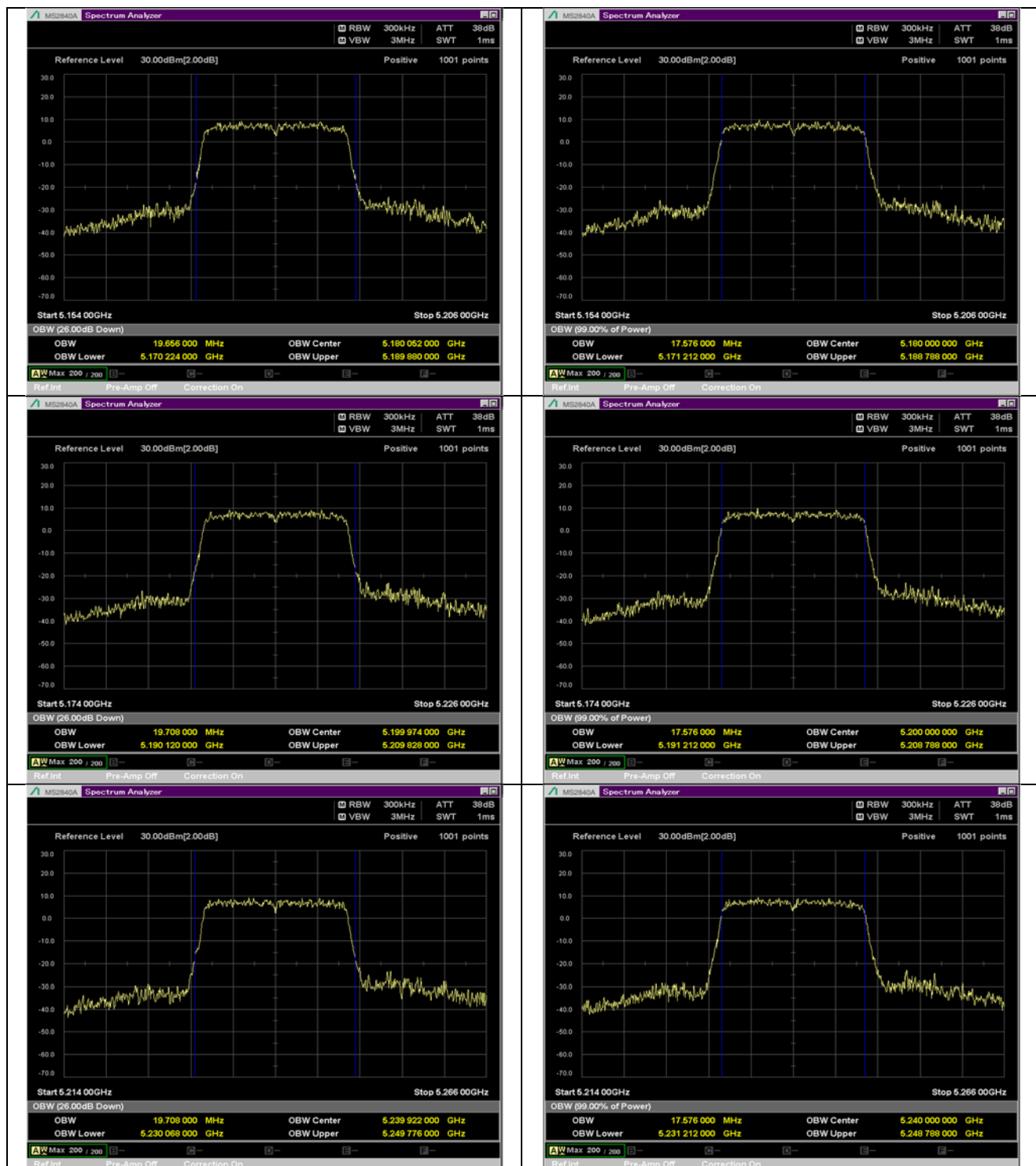
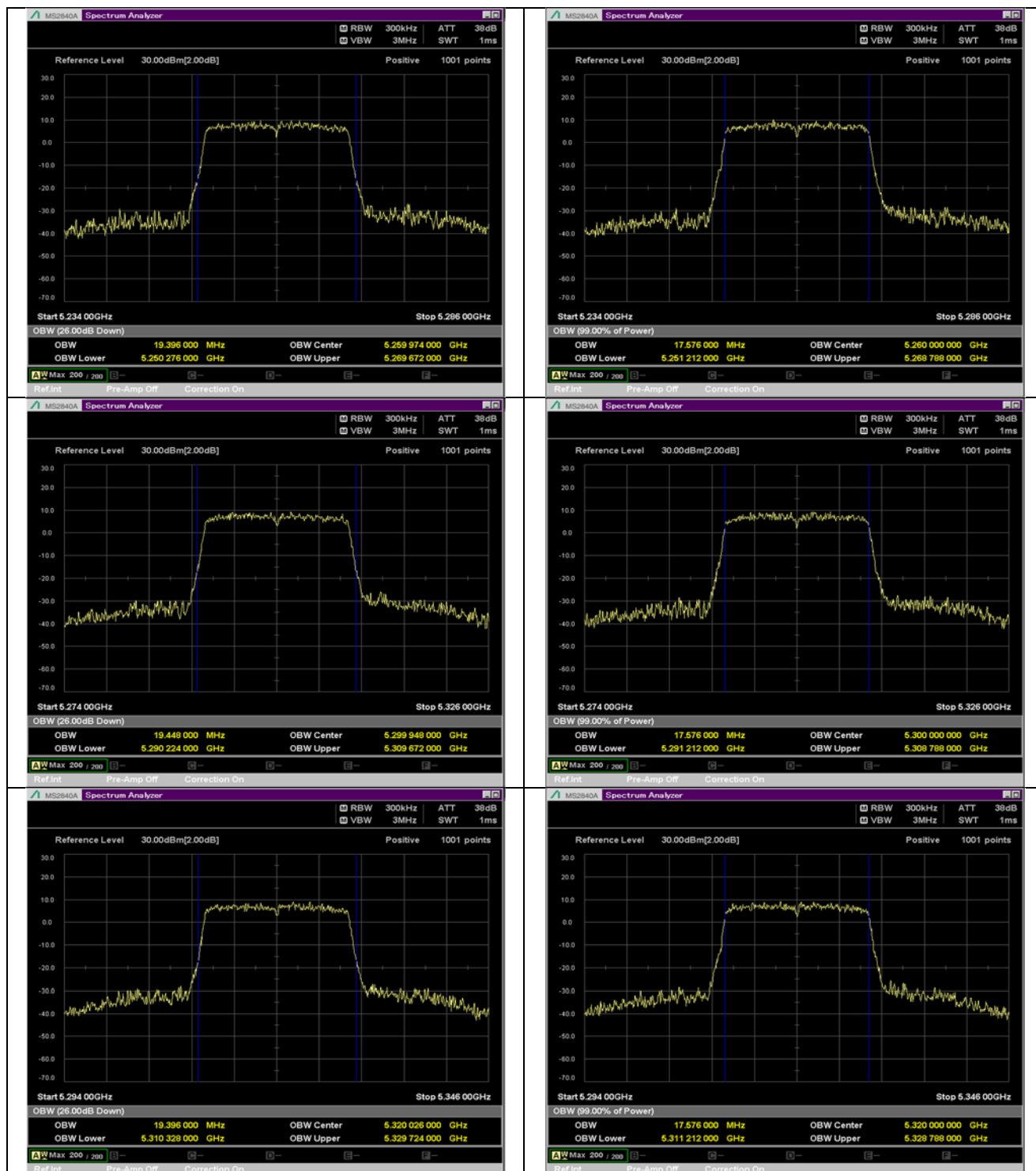


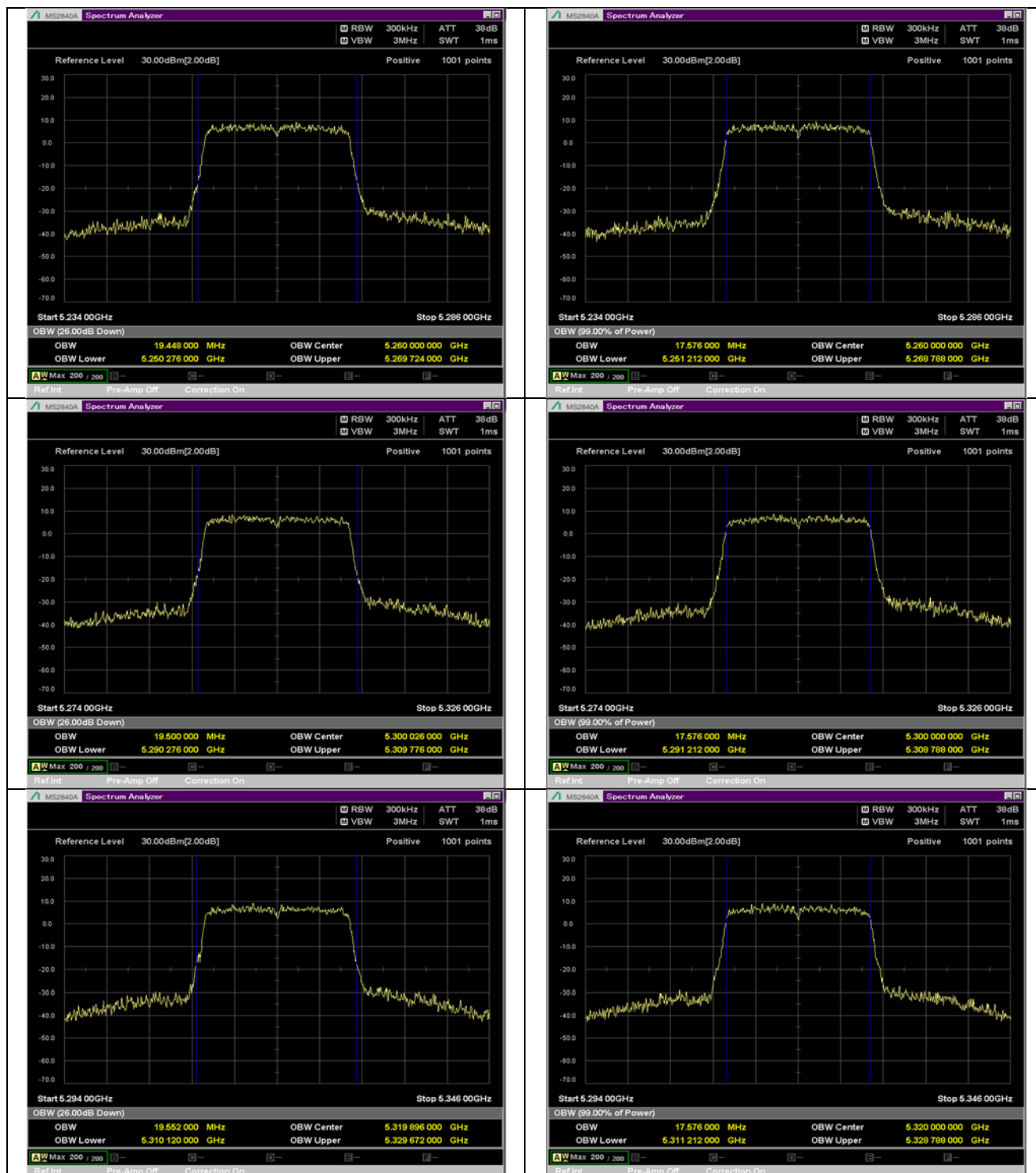
UNII-1_11ac(VHT20)_5150MHz to 5250MHz ANT1



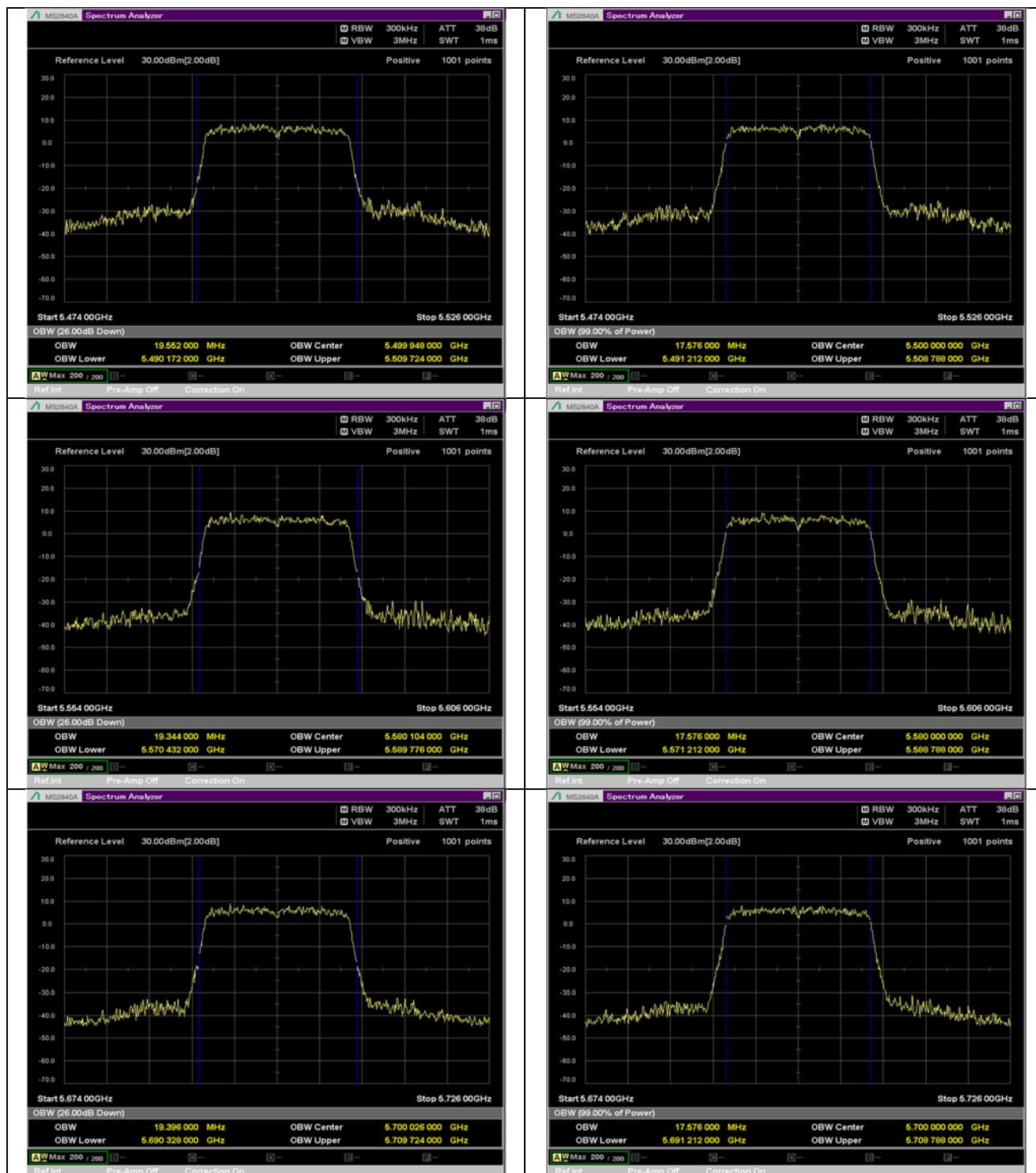
UNII-2A_11ac(VHT20)_5250MHz to 5320MHz ANT0



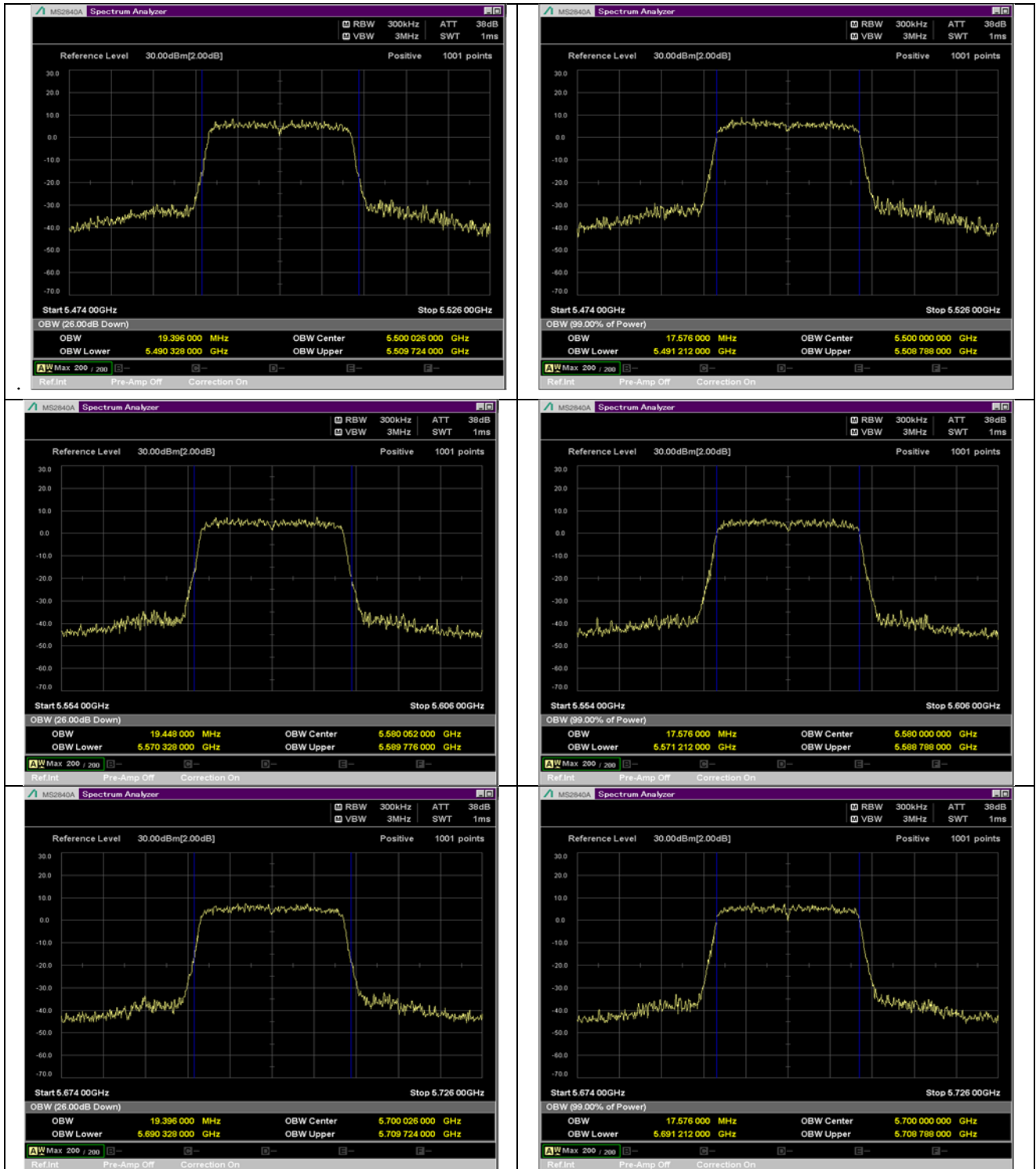
UNII-2A_11ac(VHT20)_5250MHz to 5320MHz ANT1



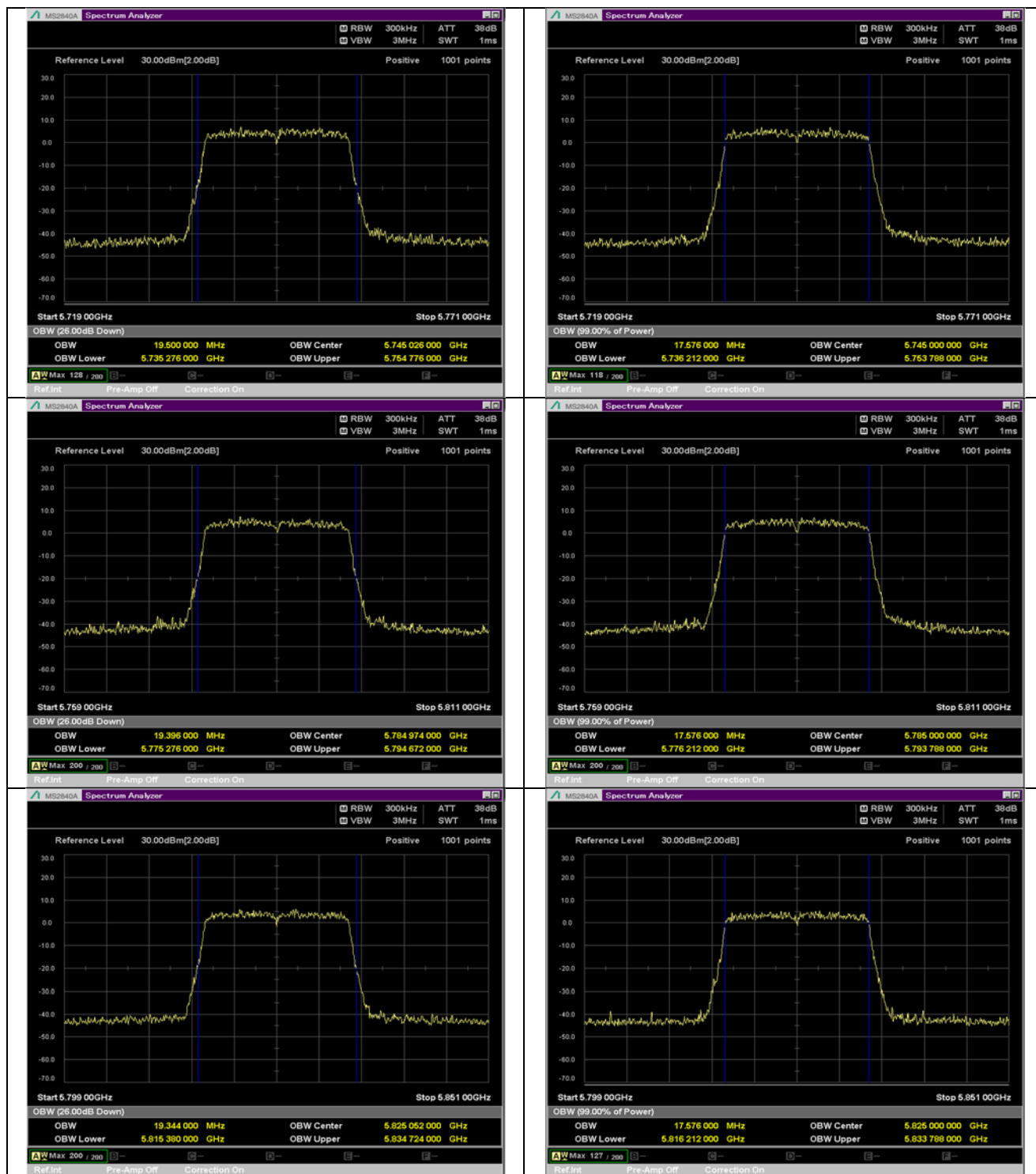
UNII-2C_11ac(VHT20)_5470MHz to 5725MHz ANT0



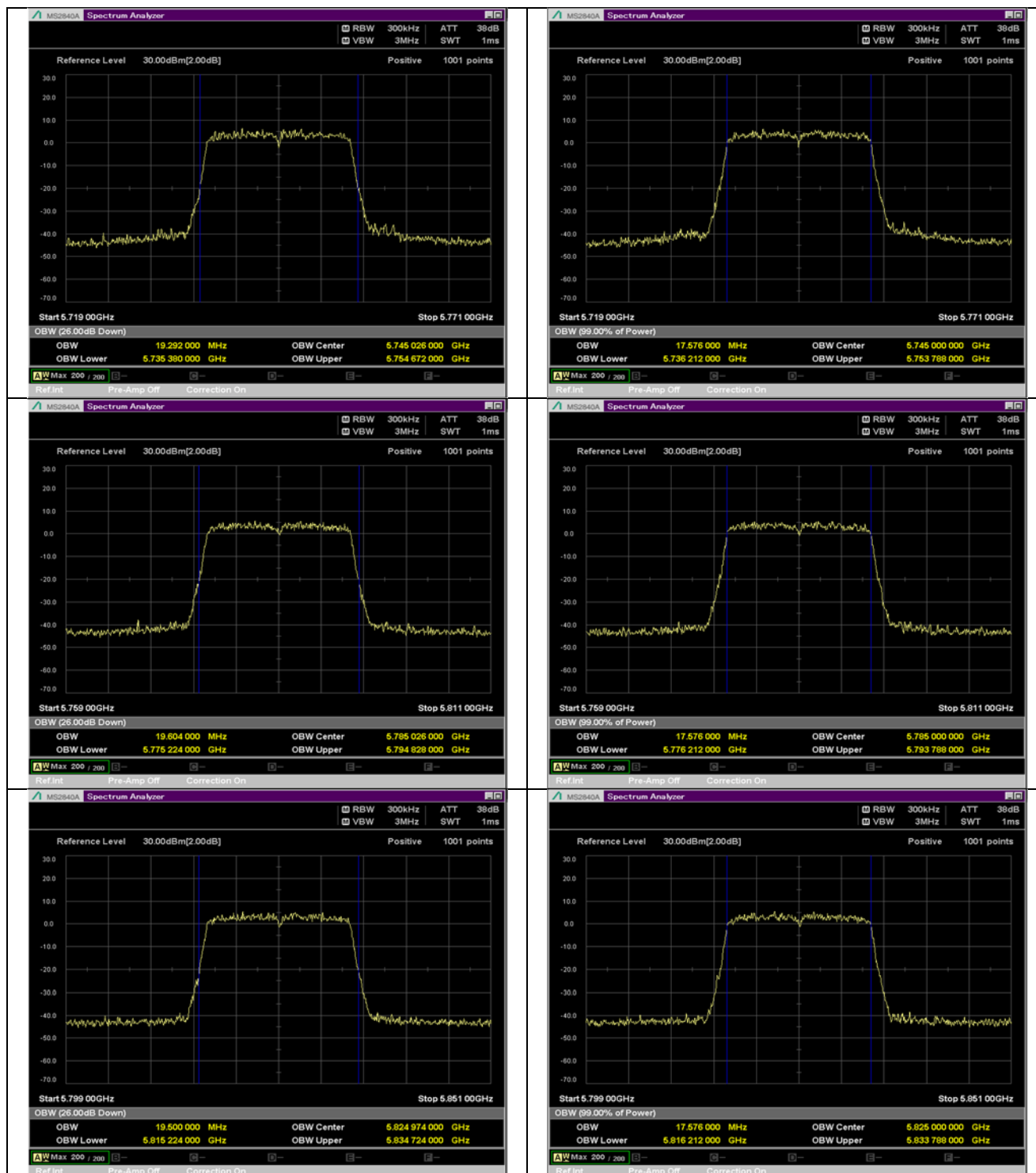
UNII-2C_11ac(VHT20)_5470MHz to 5725MHz ANT1



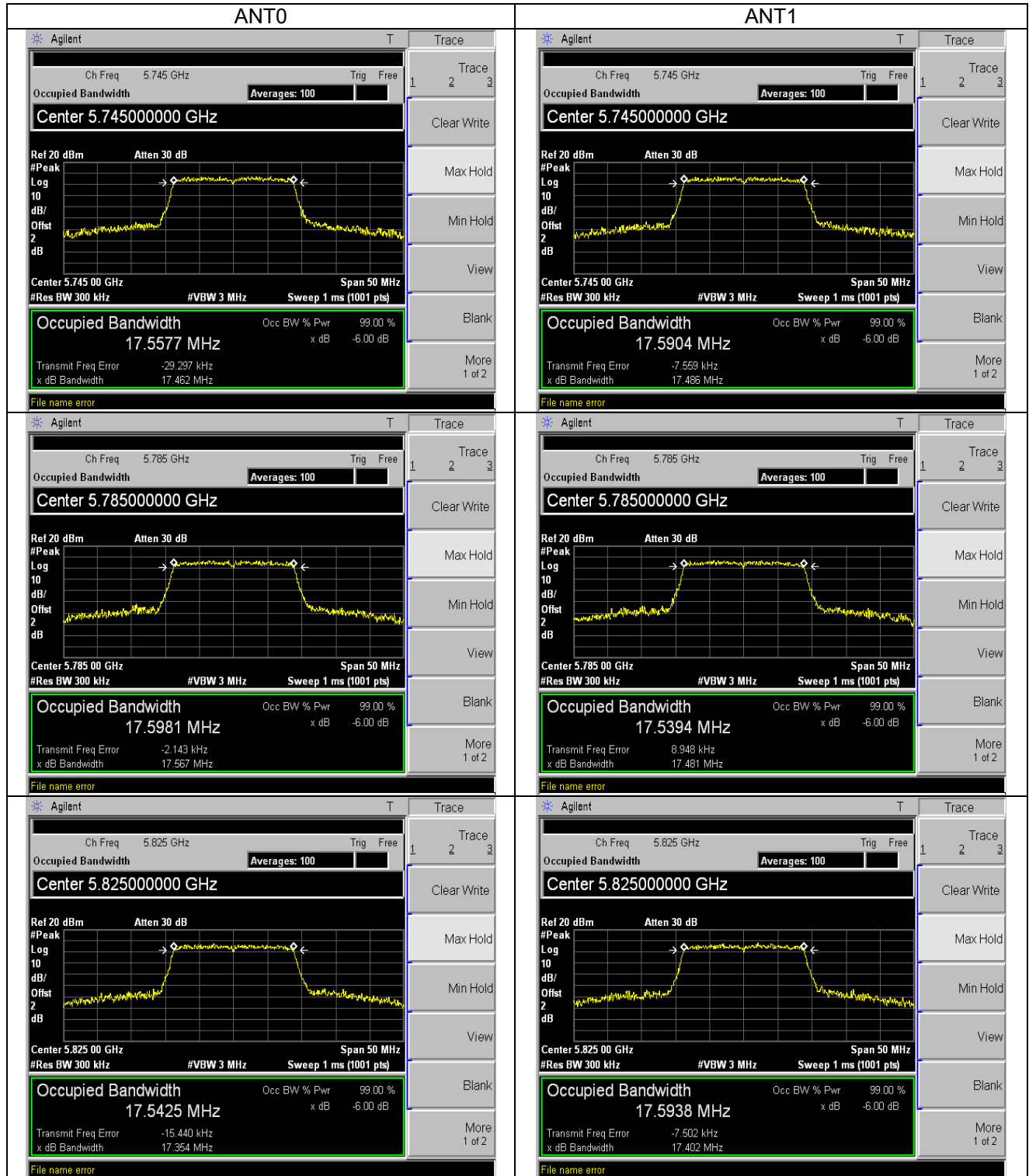
UNII-3_11ac(VHT20)_5725MHz to 5825MHz ANT0



UNII-3_11ac(VHT20)_5725MHz to 5825MHz ANT1



UNII-3_11ac(VHT20)_5725MHz to 5825MHz (6 dB)

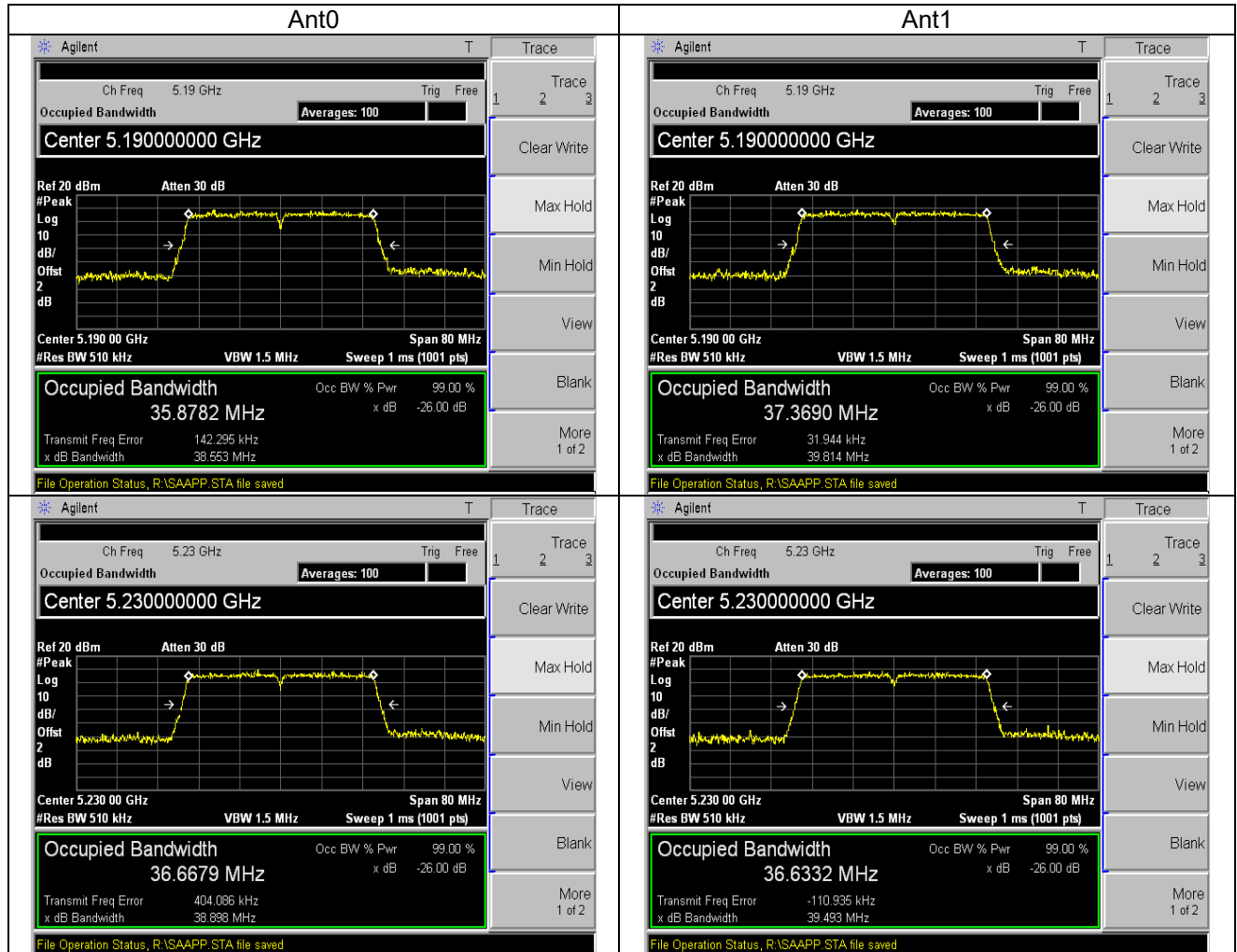


Modulation: 802.11ac(VHT40)

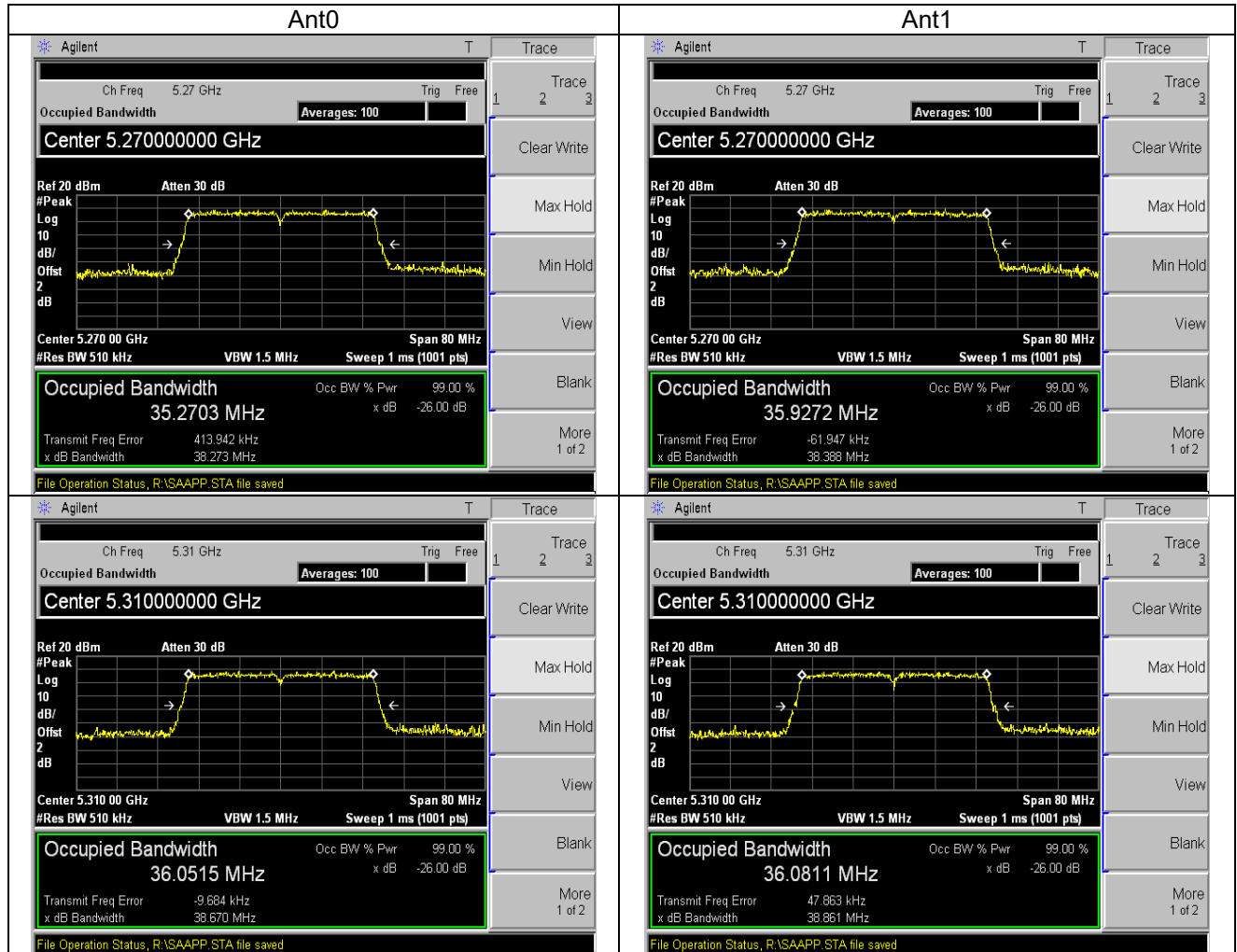
ANT0				ANT1	
Data rate	Channel Frequency (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)
Mcs0	5190	38.55	35.88	39.81	37.37
	5230	38.90	36.67	39.49	36.63
	5270	38.27	35.27	38.39	35.93
	5310	38.67	36.05	38.86	36.08
	5510	39.08	36.11	39.08	36.12
	5590	38.86	36.10	39.12	36.17
	5670	38.84	36.20	38.96	36.15
	5755	38.68	36.03	38.83	36.09
	5795	38.53	36.06	38.64	36.08

ANT0				ANT1	
Data rate	Channel Frequency (MHz)	6 dB emission bandwidth (MHz)		6 dB emission bandwidth (MHz)	
Mcs0	5755	36.21		36.17	
	5795	36.24		35.44	

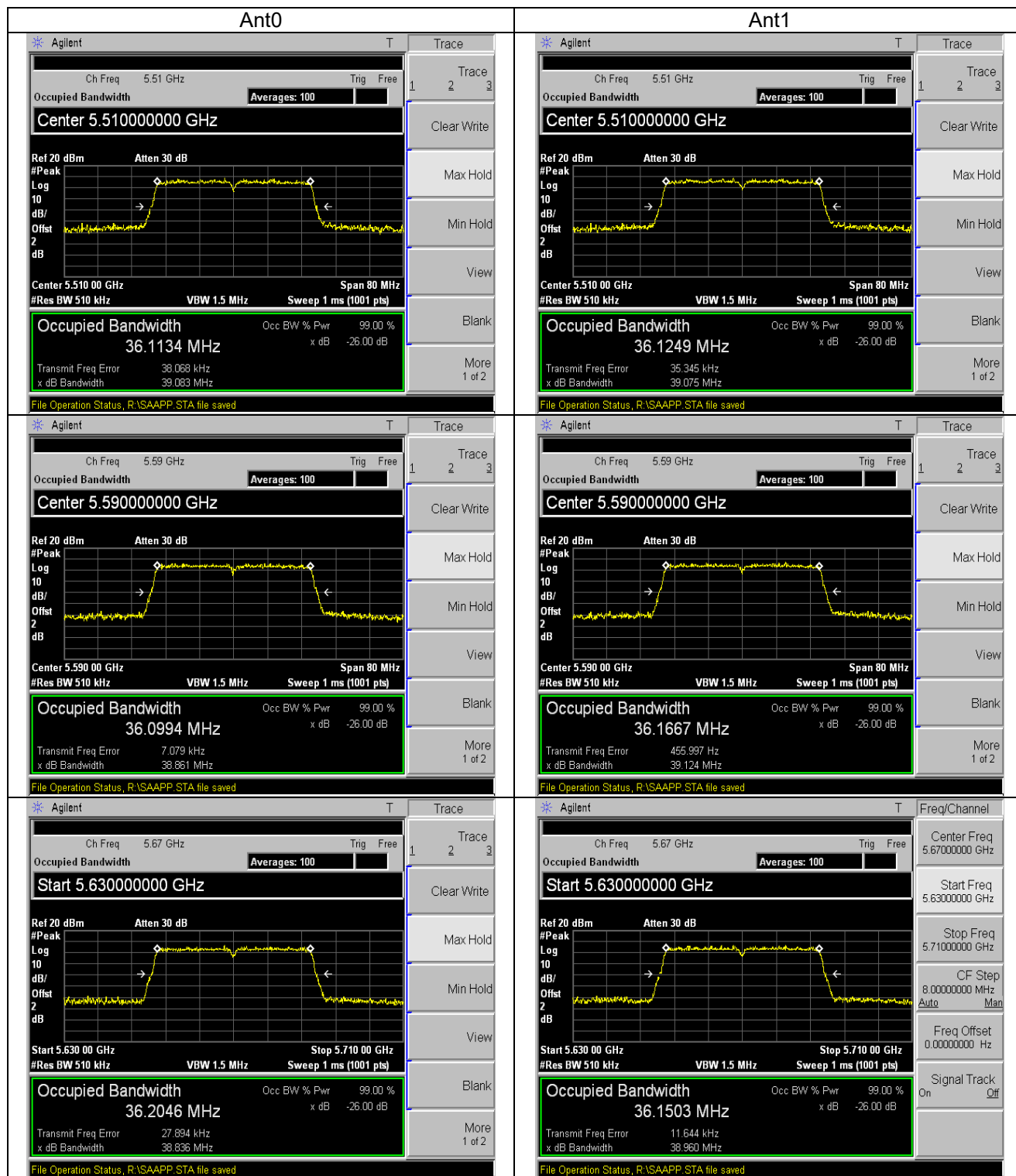
UNII-1_11ac(VHT40)_5150MHz to 5250MHz



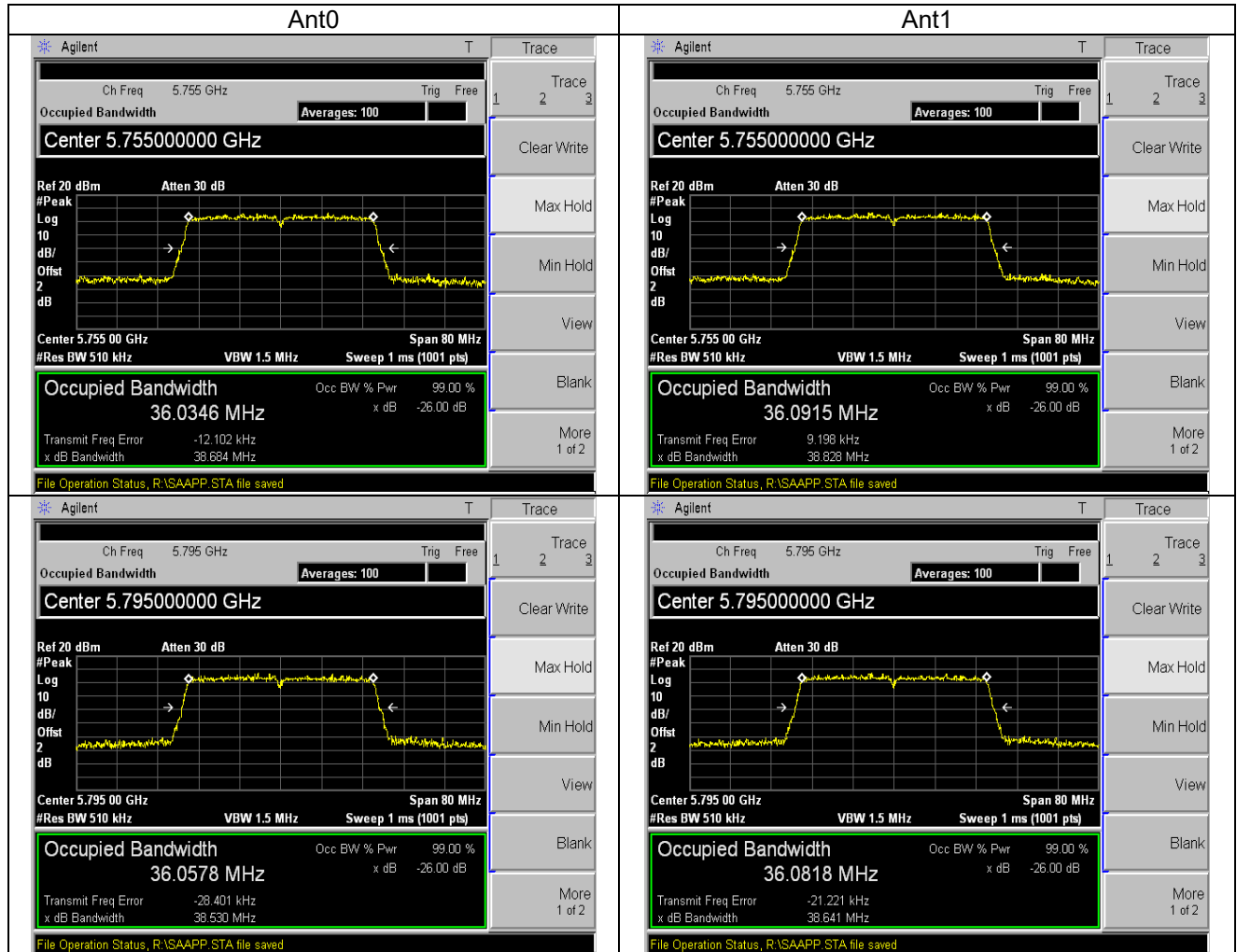
UNII-2A_11ac(VHT40)_5250MHz to 5320MHz



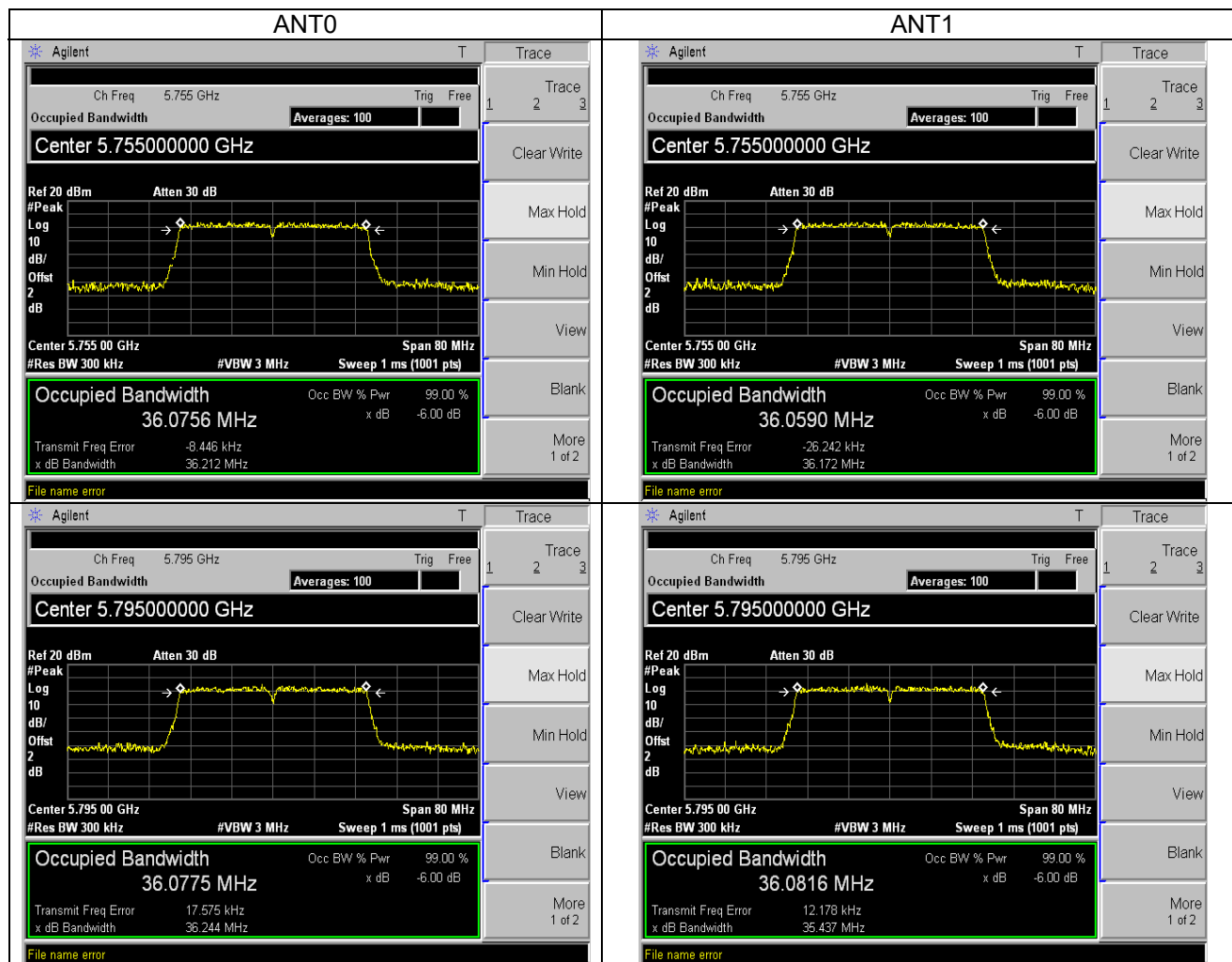
UNII-2C_11ac(VHT40)_5470MHz to 5725MHz



UNII-3_11ac(VHT40)_5725MHz to 5825MHz



UNII-3_11ac(VHT40)_5725MHz to 5825MHz (6dB)

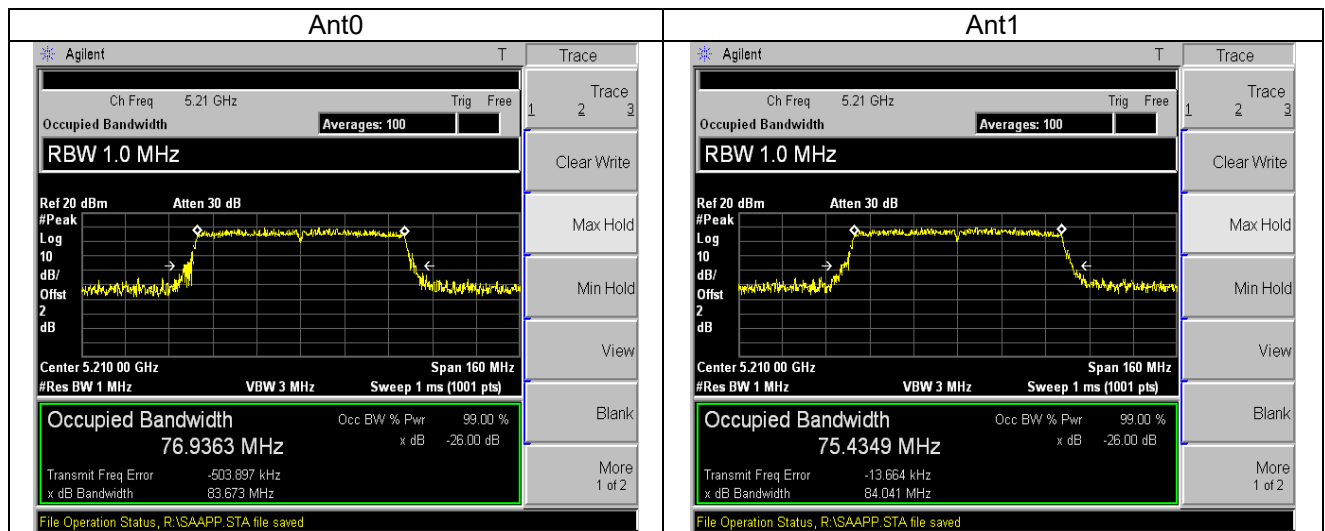


Modulation: 802.11ac(VHT80)

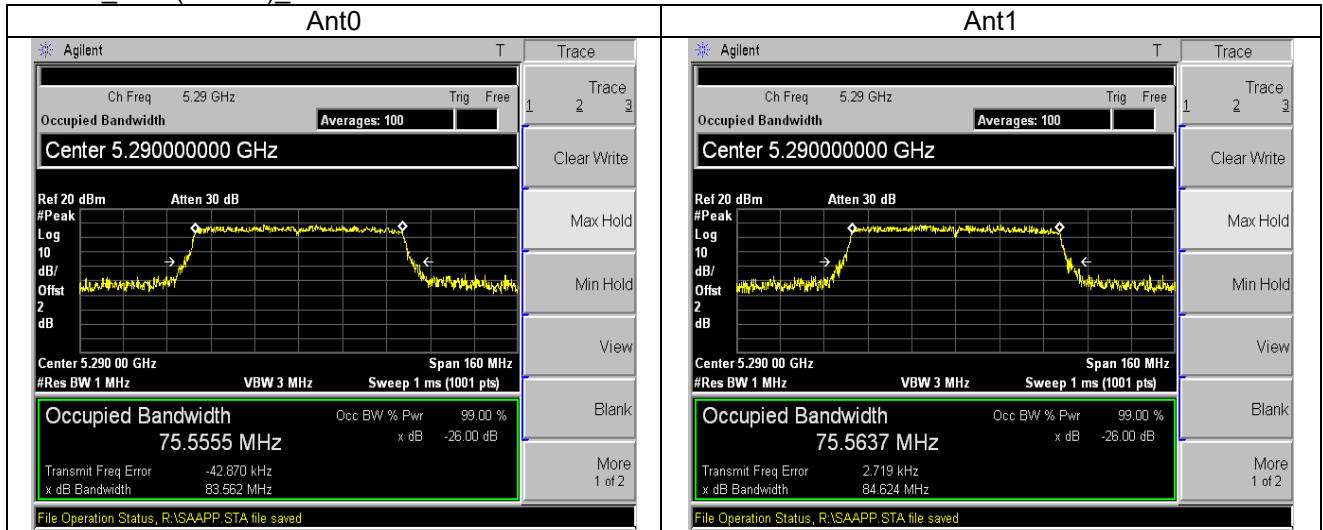
ANT0				ANT1	
Data rate	Channel Frequency (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)
Mcs0	5210	83.67	76.94	84.04	75.43
	5290	83.56	75.56	84.62	75.56
	5530	83.32	75.54	81.94	75.37
	5610	83.25	75.53	84.67	75.60
	5775	80.97	75.55	82.89	75.55

ANT0				ANT1	
Data rate	Channel Frequency (MHz)	6 dB emission bandwidth (MHz)		6 dB emission bandwidth (MHz)	
Mcs0	5775	76.06		75.70	

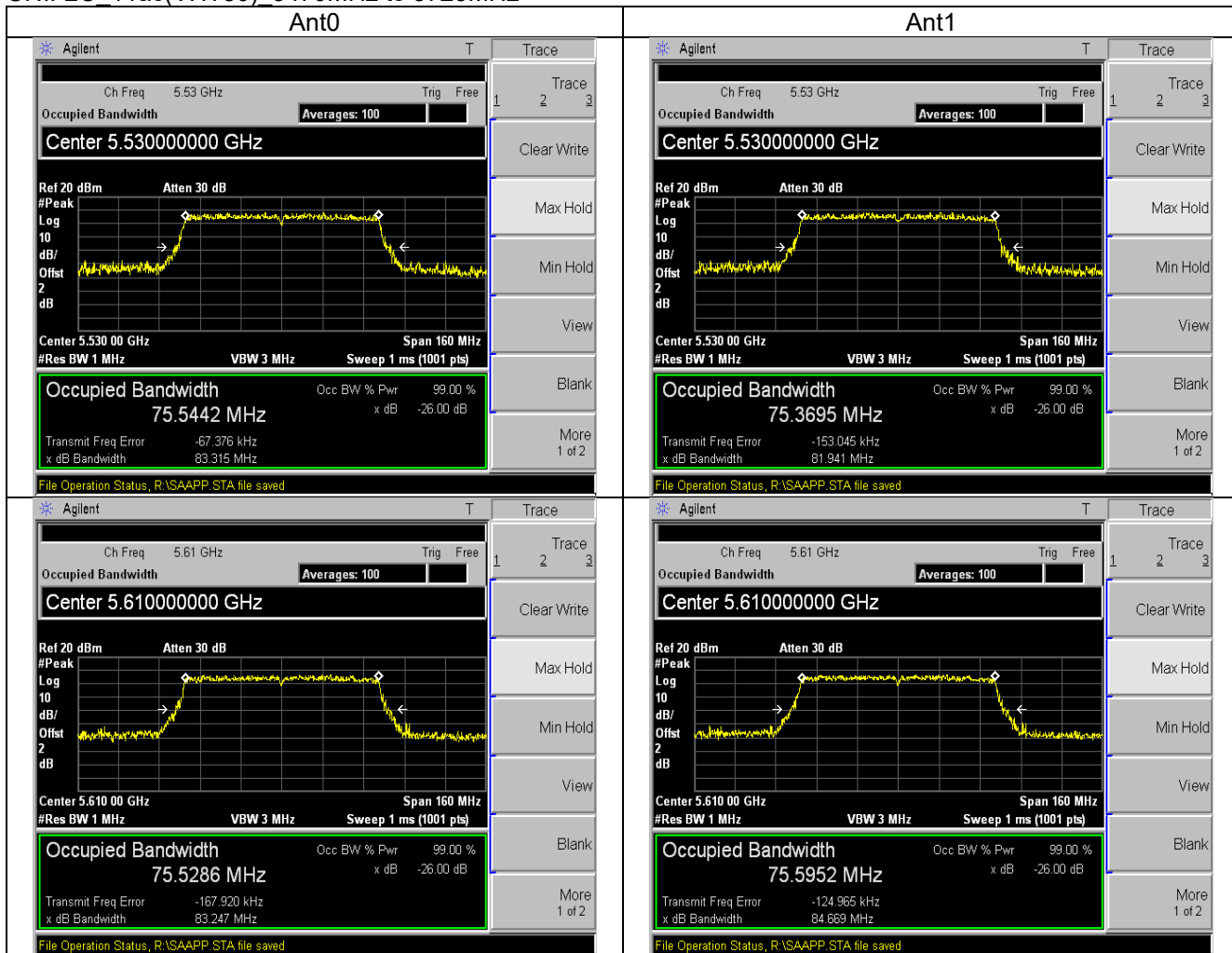
UNII-1_11ac(VHT80)_5150MHz to 5250MHz



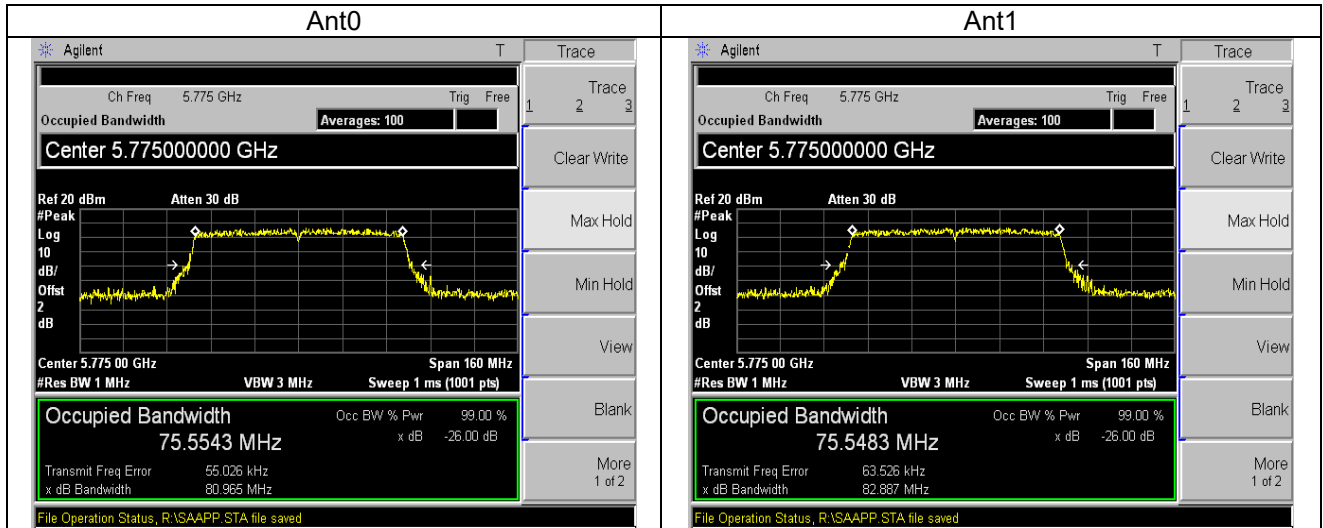
UNII-2A_11ac(VHT80)_5250MHz to 5320MHz



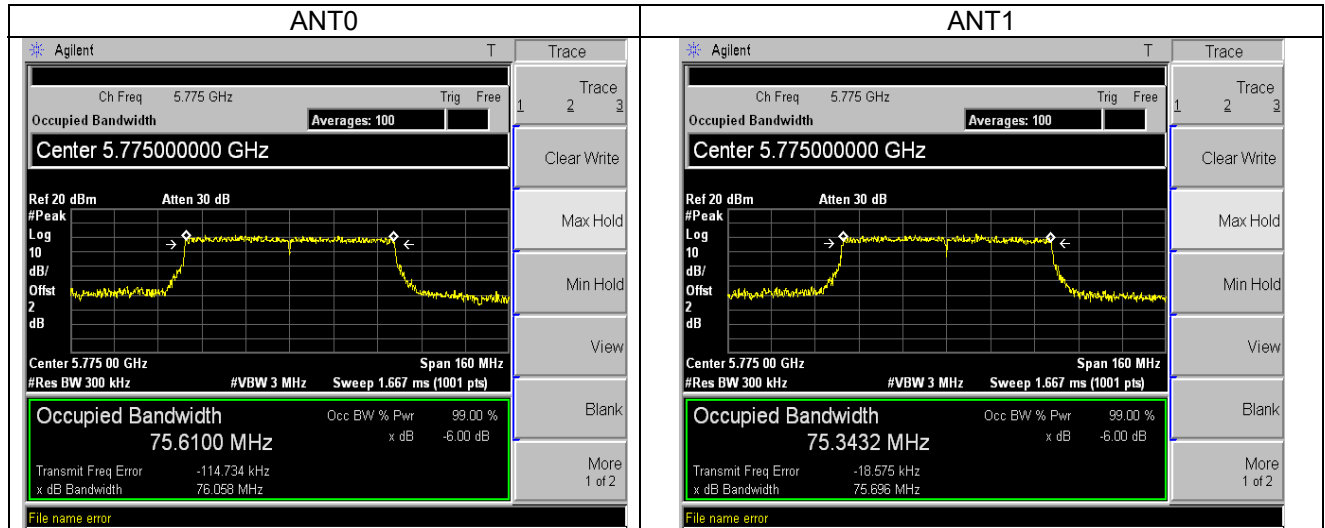
UNII-2C_11ac(VHT80)_5470MHz to 5725MHz



UNII-3_11ac(VHT80)_5725MHz to 5825MHz ANT0



UNII-3_11ac(VHT80)_5725MHz to 5825MHz (6 dB)

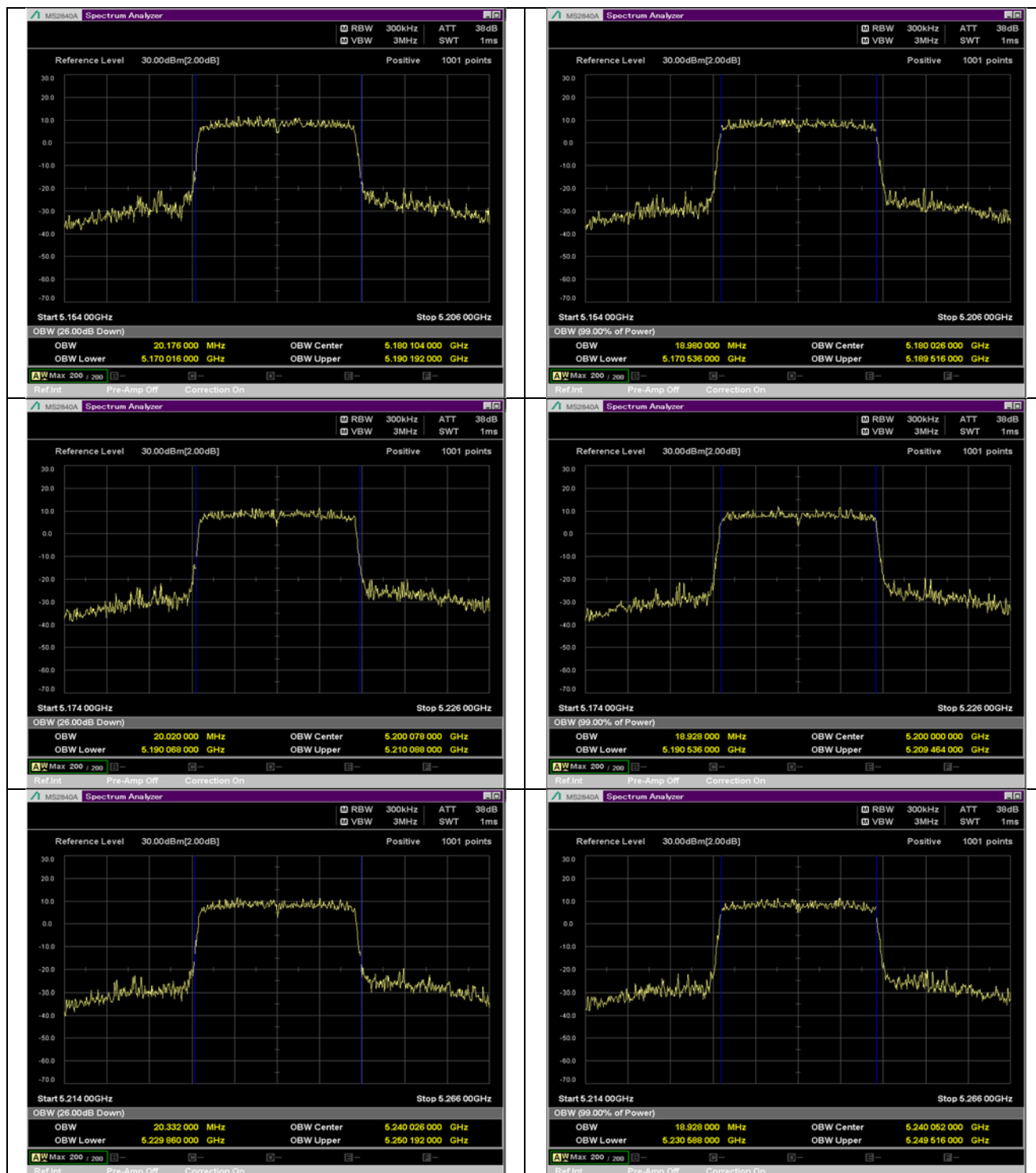


Modulation: 802.11ax(HE20)

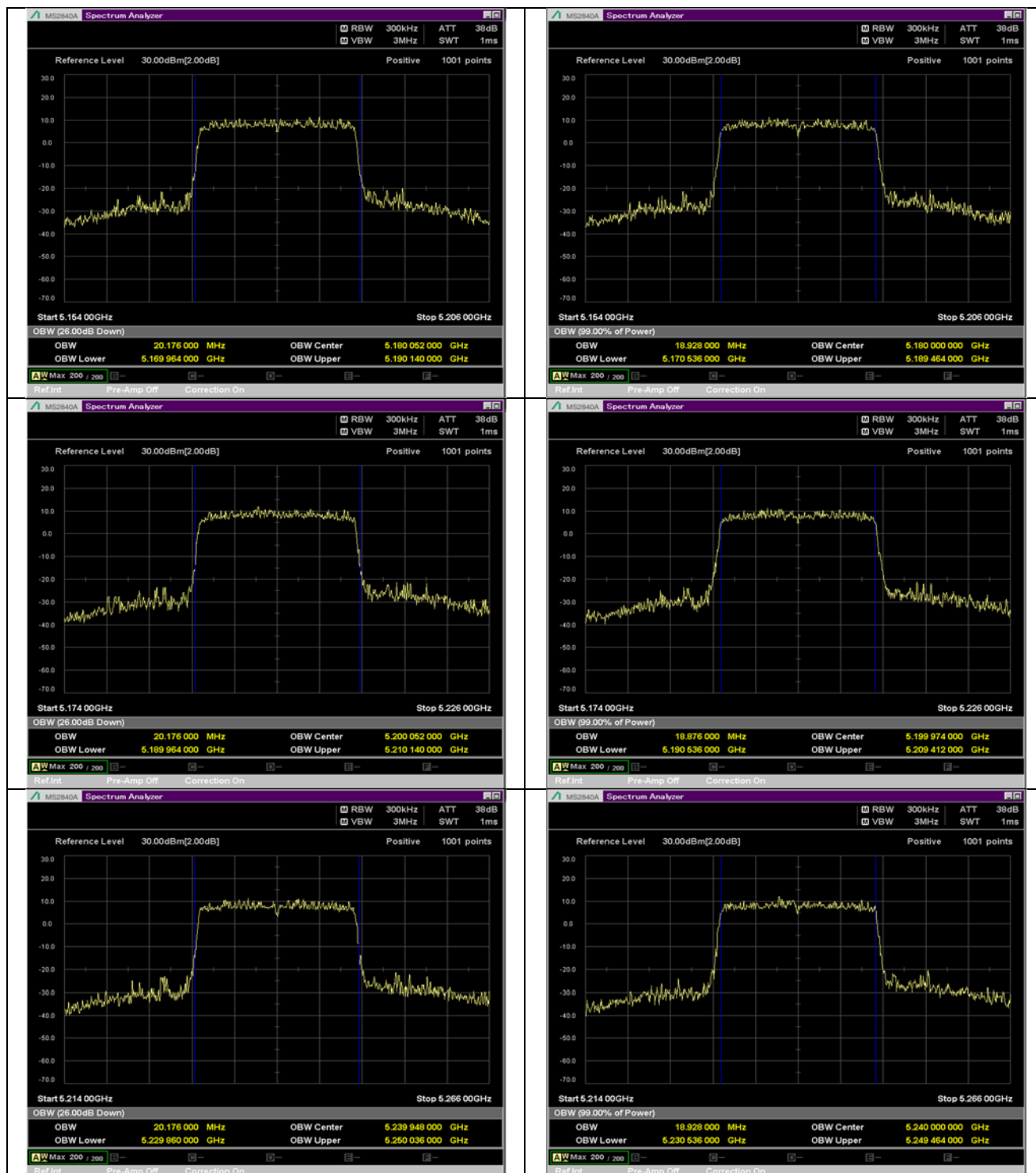
ANT0				ANT1	
Data rate	Channel Frequency (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)
Mcs0	5180	20.18	18.98	20.18	18.93
	5200	20.02	18.93	20.18	18.88
	5240	20.33	18.93	20.18	18.93
	5260	20.23	18.88	20.12	18.93
	5280	20.38	18.93	20.28	18.93
	5320	20.38	18.93	20.12	18.93
	5500	20.33	18.93	20.12	18.93
	5580	20.28	18.93	19.97	18.88
	5700	20.44	18.93	20.23	18.88
	5745	20.38	18.88	20.23	18.93
	5785	20.23	18.98	20.12	18.93
	5825	20.33	18.98	20.23	18.98

ANT0				ANT1	
Data rate	Channel Frequency (MHz)	6 dB emission bandwidth (MHz)		6 dB emission bandwidth (MHz)	
Mcs0	5745	18.87		18.84	
	5785	19.01		18.84	
	5825	18.96		18.60	

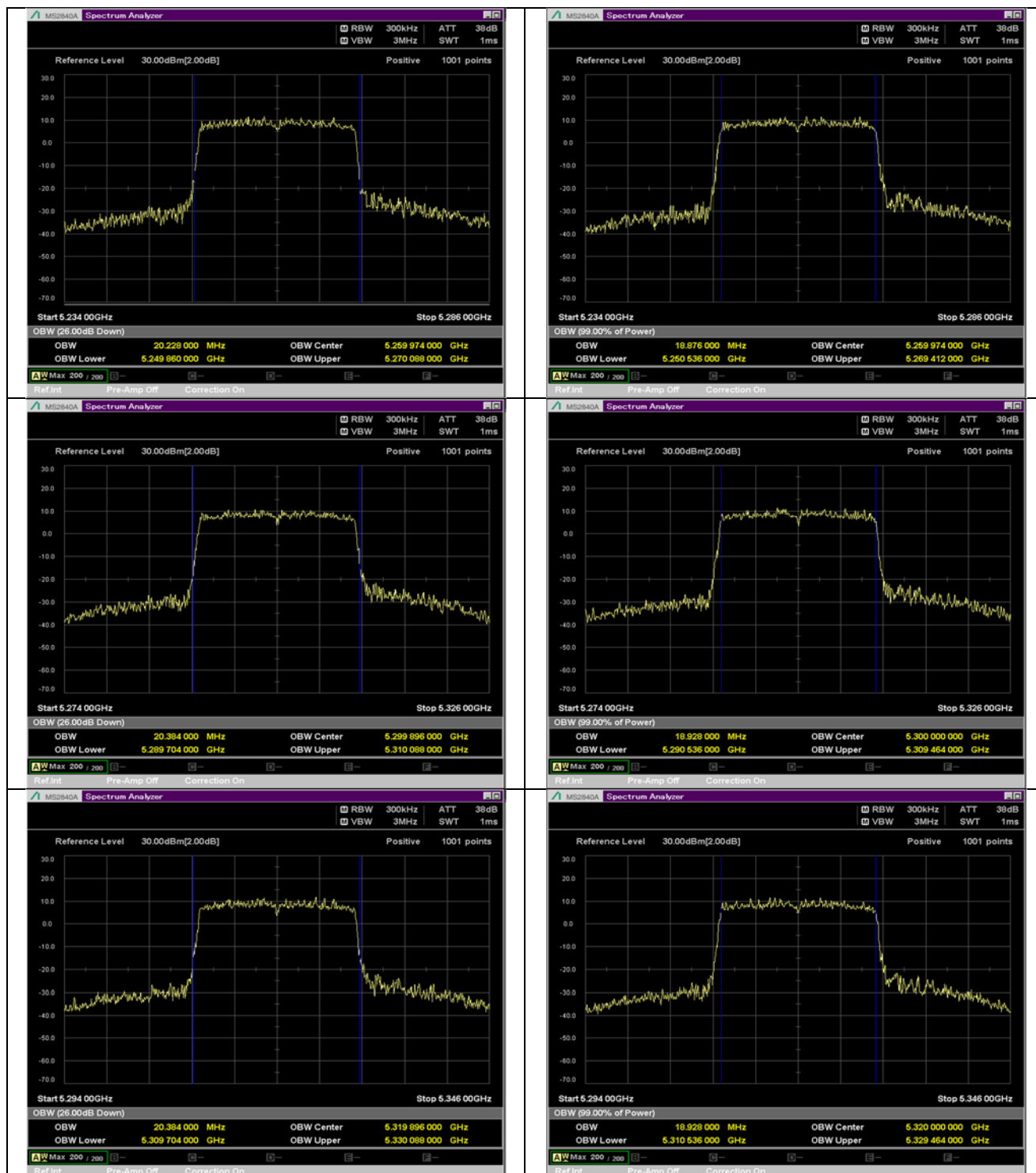
UNII-1_11ax(HE20)_5150MHz to 5250MHz ANT0



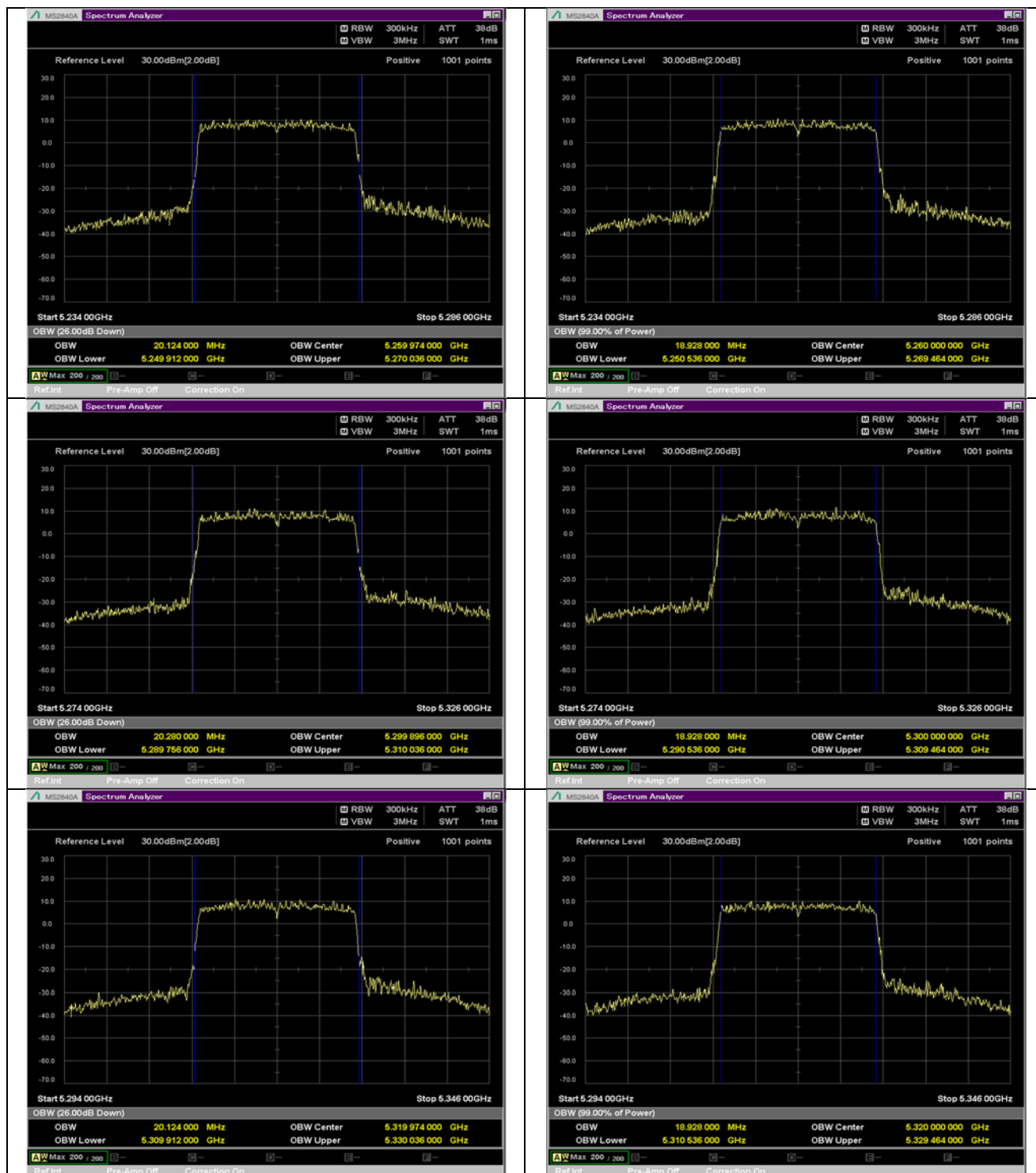
UNII-1_11ax(HE20)_5150MHz to 5250MHz ANT1



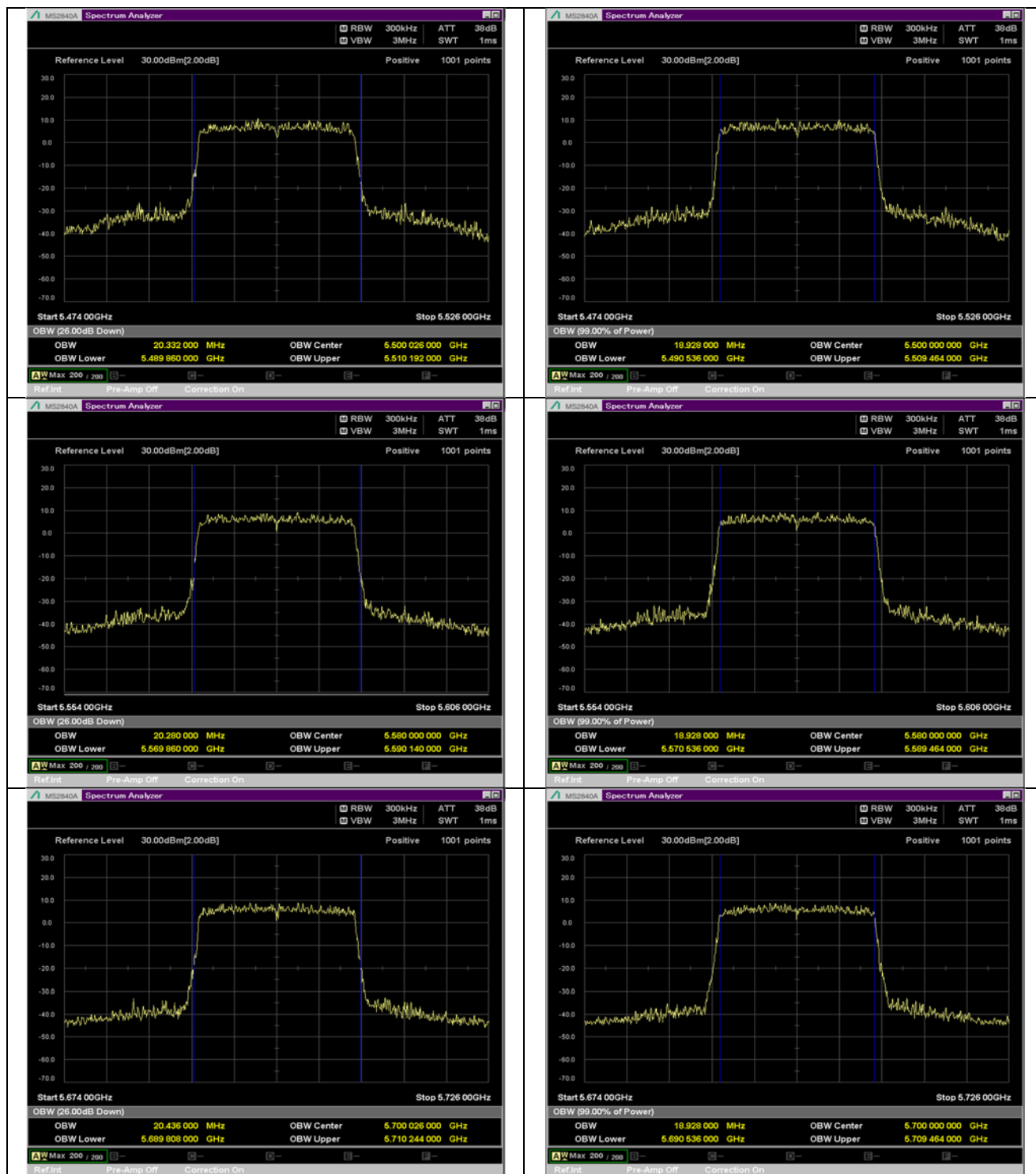
UNII-2A_11ax(HE20)_5250MHz to 5320MHz ANT0



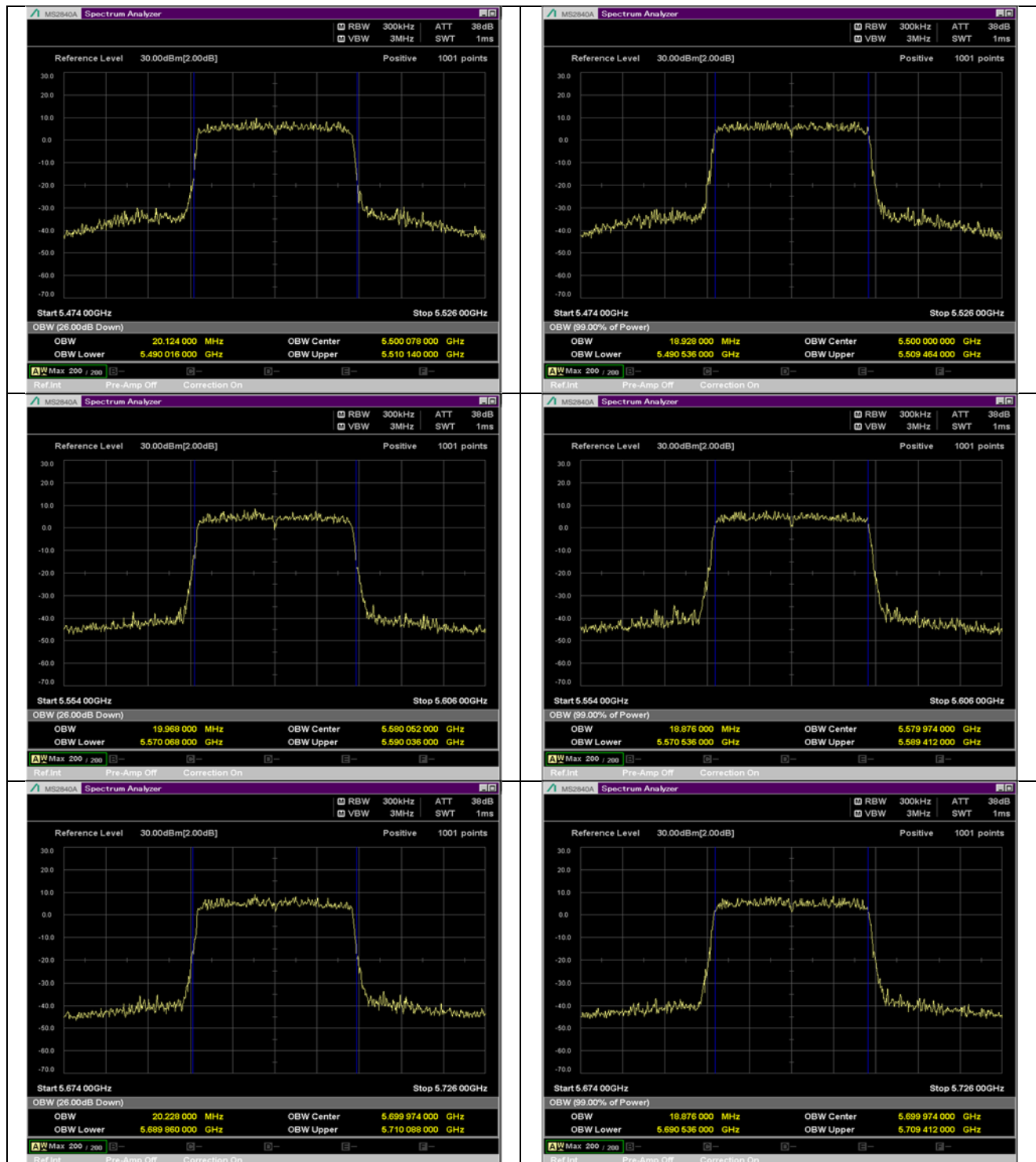
UNII-2A_11ax(HE20)_5250MHz to 5320MHz ANT1



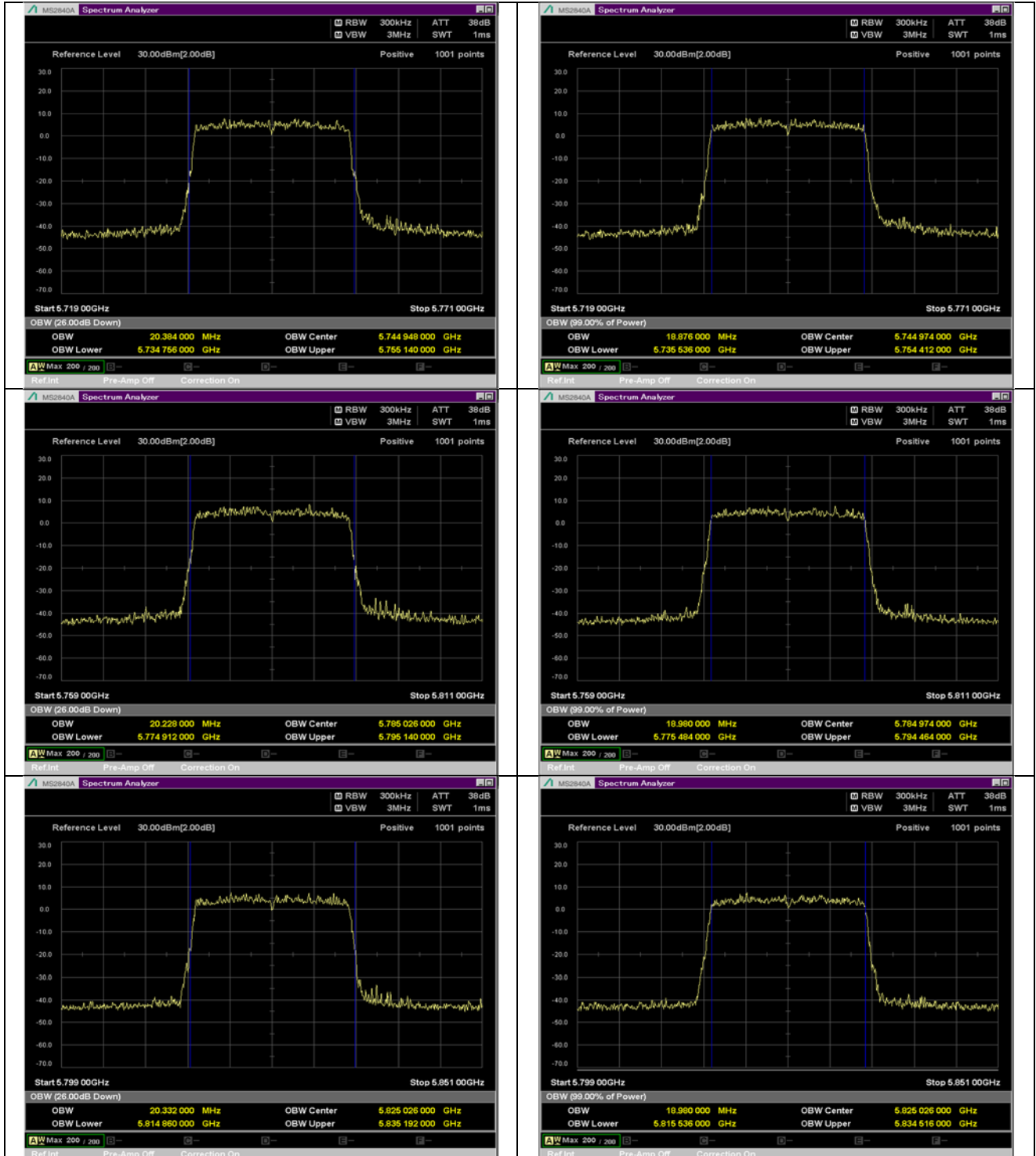
UNII-2C_11ax(HE20)_5470MHz to 5725MHz ANT0



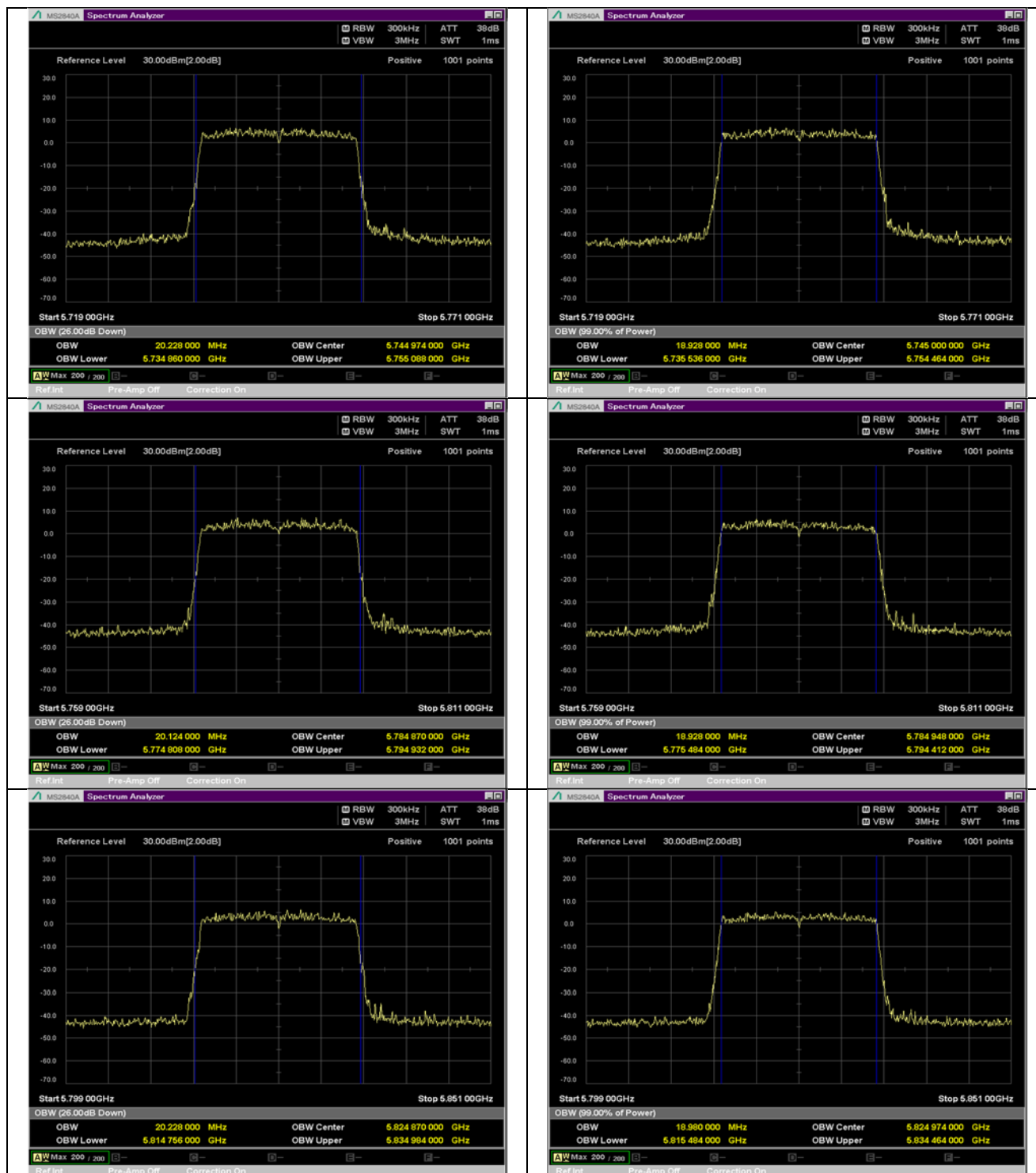
UNII-2C_11ax(HE20)_5470MHz to 5725MHz ANT1



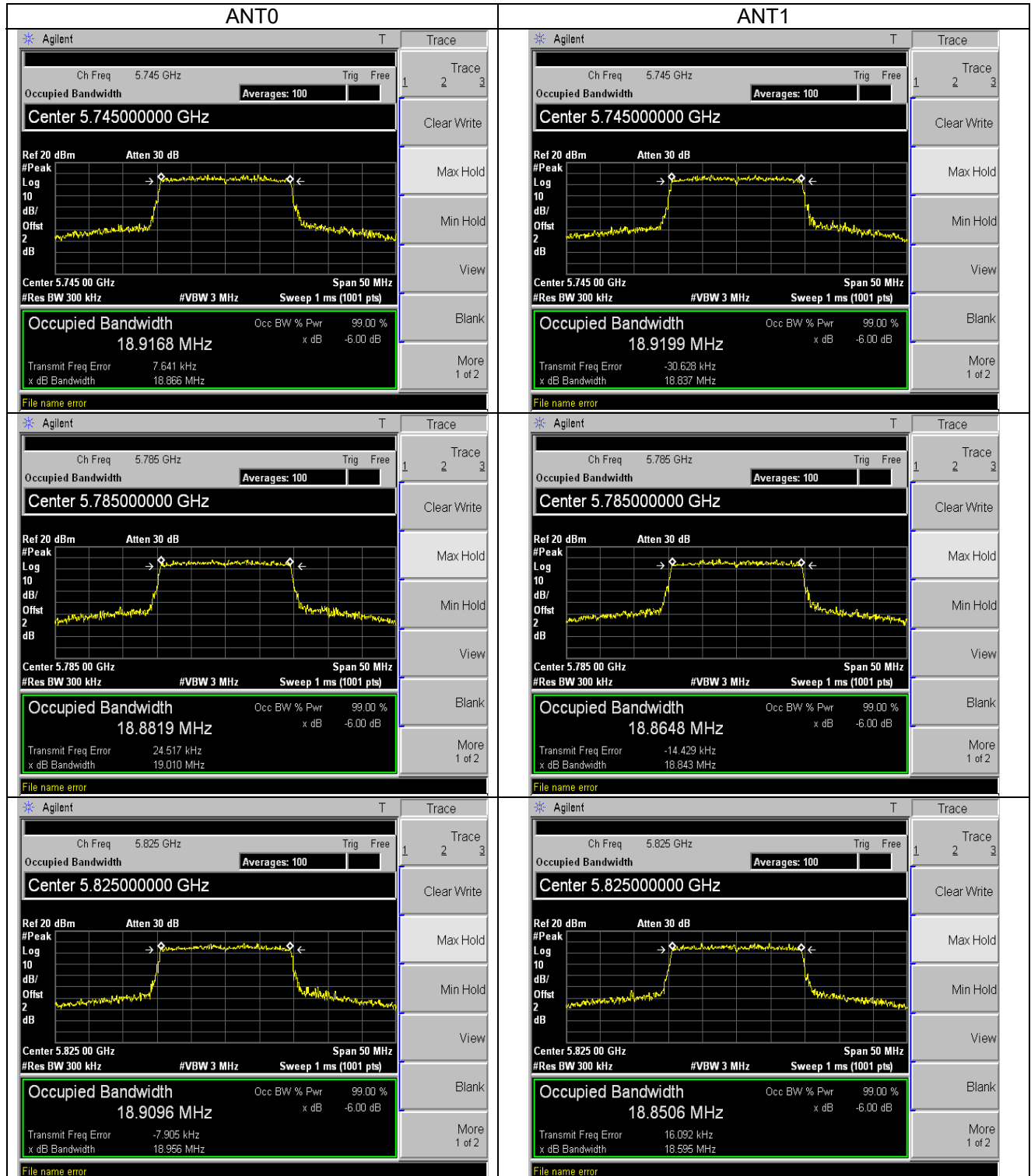
UNII-3_11ax(HE20)_5725MHz to 5825MHz ANT0



UNII-3_11ax(HE20)_5725MHz to 5825MHz ANT1



UNII-3_11ax(HE20)_5725MHz to 5825MHz (6 dB)



Modulation: 802.11ax(HE40)

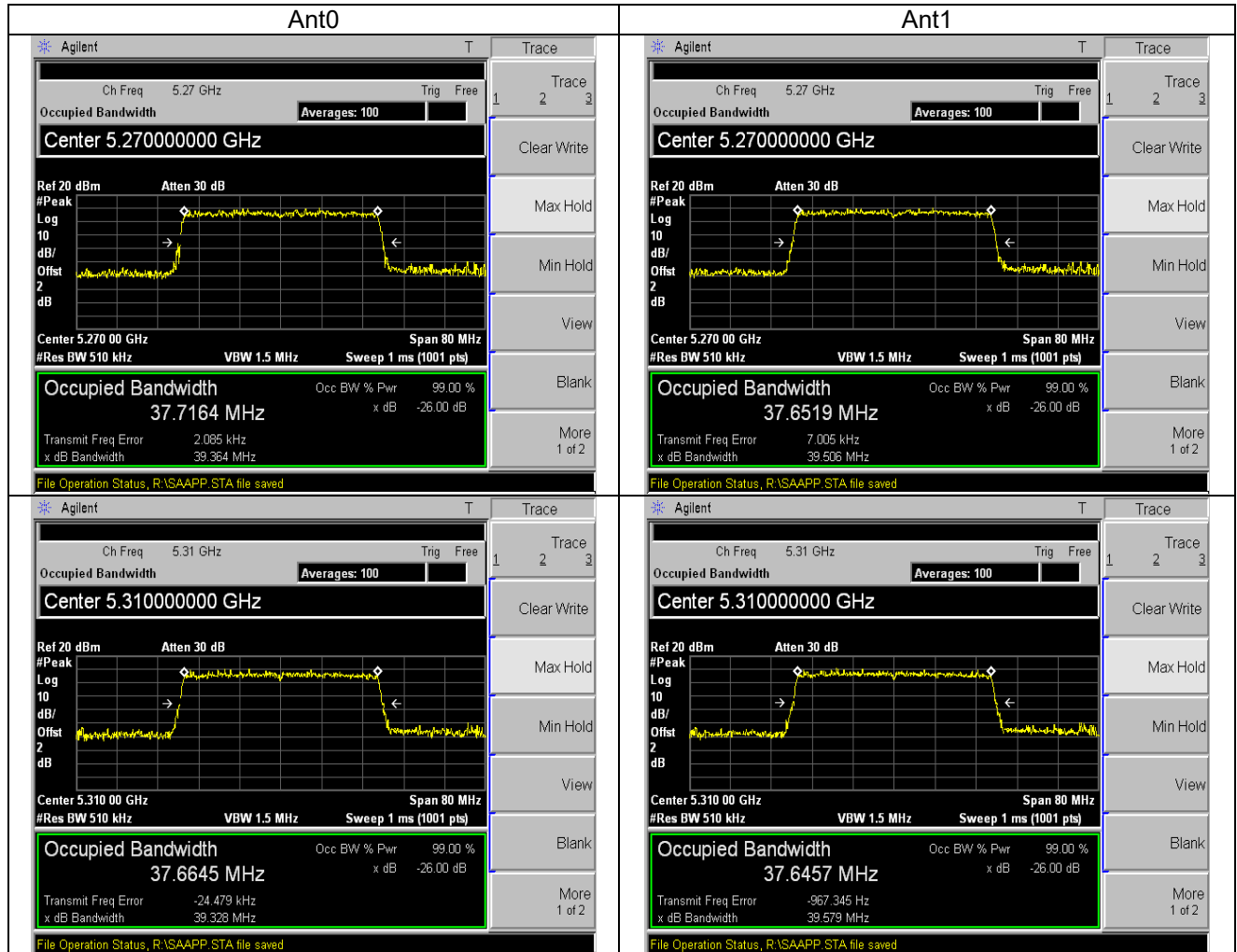
ANT0				ANT1	
Data rate	Channel Frequency (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)
Mcs0	5190	39.60	37.65	39.65	37.67
	5230	39.30	37.47	39.58	37.59
	5270	39.36	37.72	39.51	37.65
	5310	39.33	37.66	39.58	37.65
	5510	39.70	37.64	39.79	37.69
	5590	39.54	37.64	39.95	37.70
	5670	39.50	37.61	39.93	37.64
	5755	39.57	37.54	39.83	37.62
	5795	39.72	37.60	39.74	37.58

ANT0				ANT1	
Data rate	Channel Frequency (MHz)	6 dB emission bandwidth (MHz)		6 dB emission bandwidth (MHz)	
Mcs0	5755	37.76		37.88	
	5795	37.74		37.91	

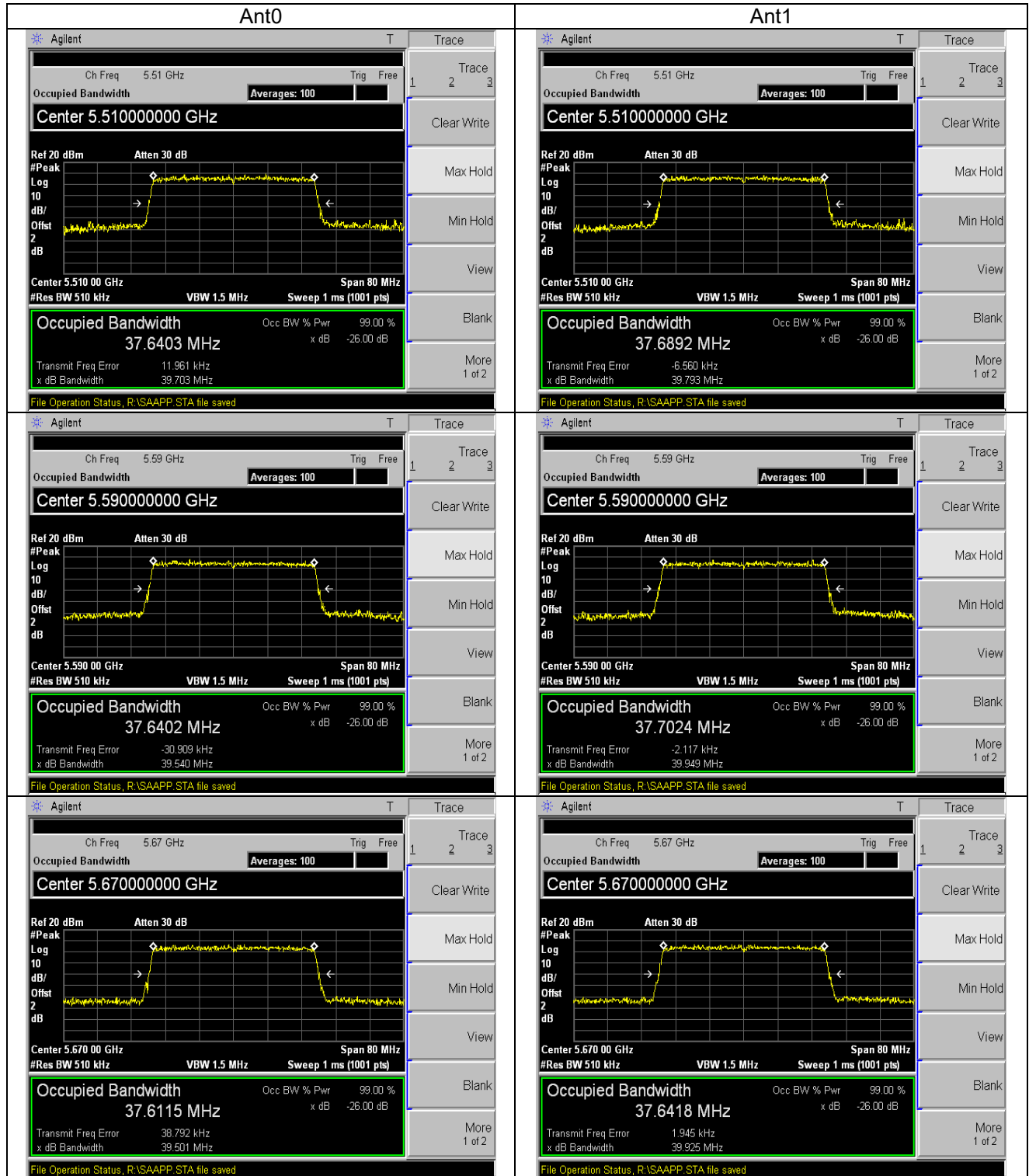
UNII-1_11ax(HE40)_5150MHz to 5250MHz



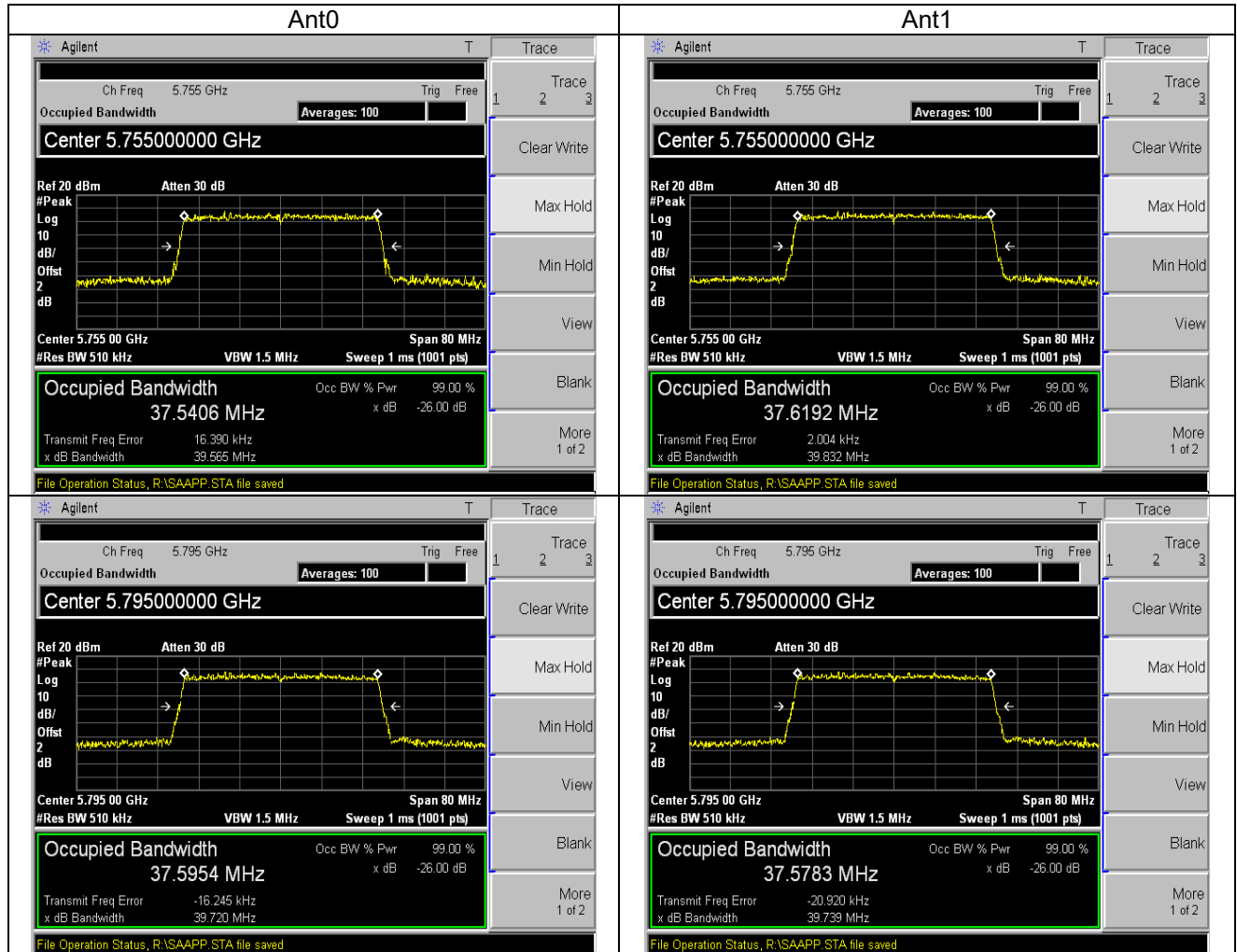
UNII-2A_11ax(HE40)_5250MHz to 5320MHz



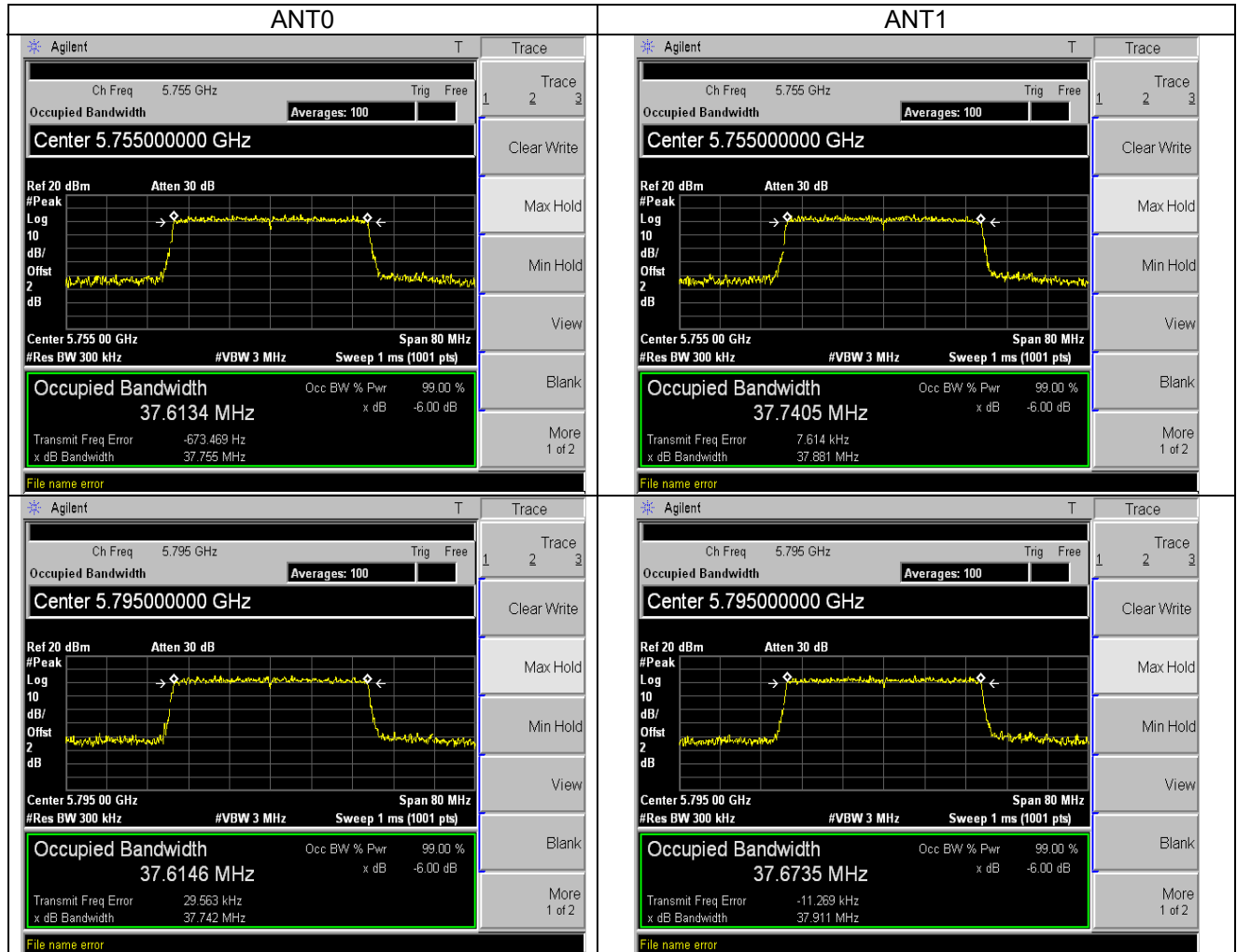
UNII-2C_11ax(HE40)_5470MHz to 5725MHz



UNII-3_11ax(HE40)_5725MHz to 5825MHz



UNII-3_11ax(HE40)_5725MHz to 5825MHz (6 dB)

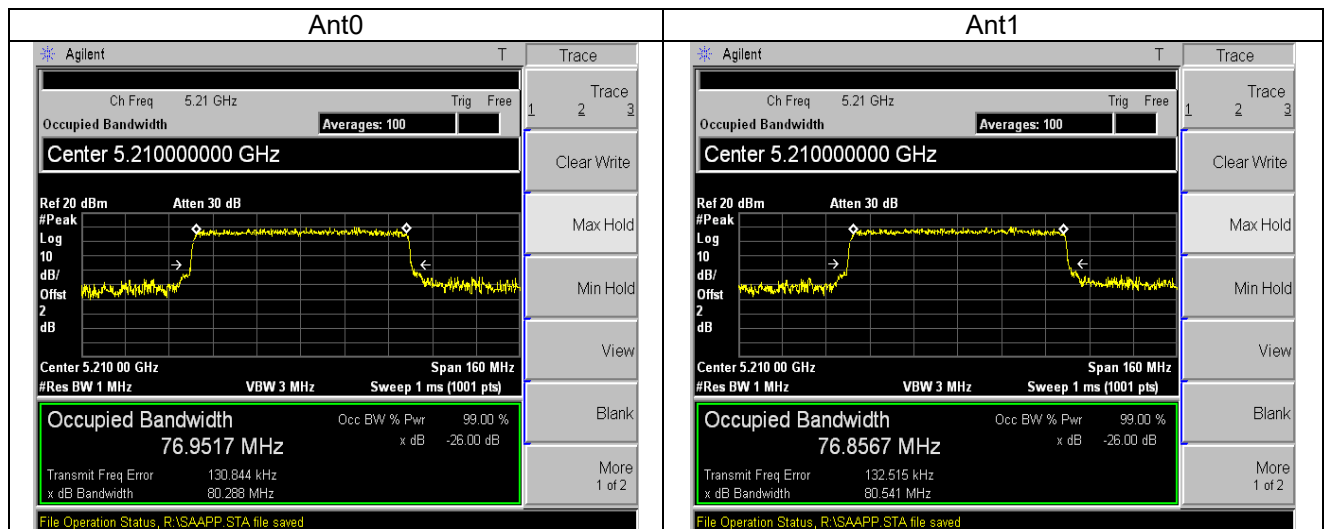


Modulation: 802.11ax(HE80)

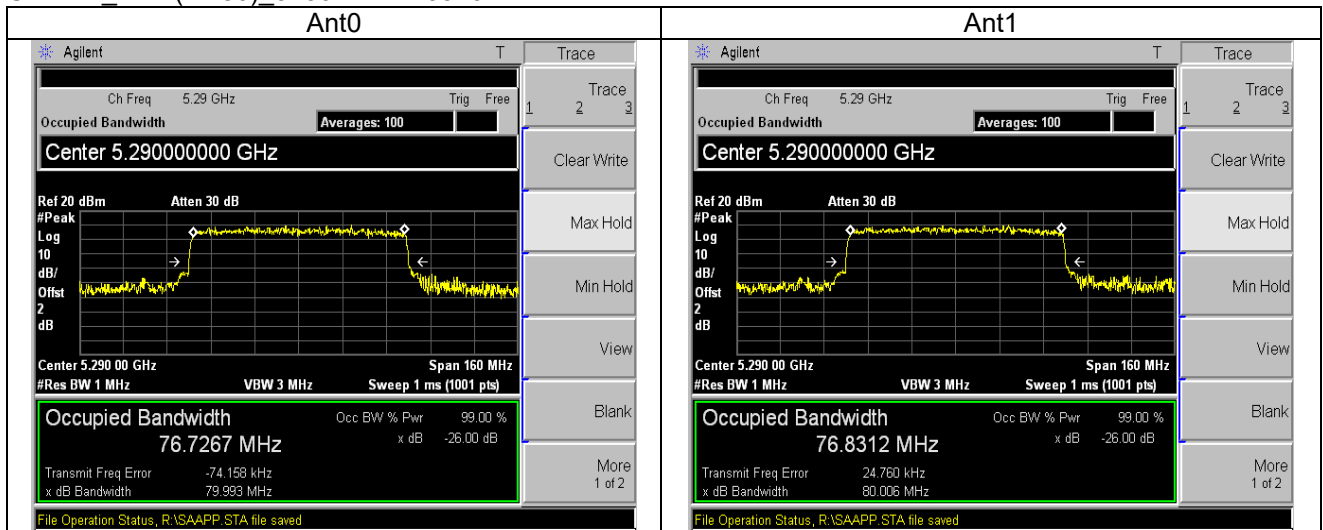
ANT0				ANT1	
Data rate	Channel Frequency (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)	26 dB emission bandwidth (MHz)	99% Occupied Bandwidth (MHz)
Mcs0	5210	80.29	76.95	80.54	76.86
	5290	79.99	76.73	80.00	76.83
	5530	79.89	76.24	80.31	76.68
	5610	80.04	76.48	80.30	76.54
	5775	80.31	76.48	80.37	76.61

ANT0				ANT1	
Data rate	Channel Frequency (MHz)	6 dB emission bandwidth (MHz)		6 dB emission bandwidth (MHz)	
Mcs0	5775	77.62		77.57	

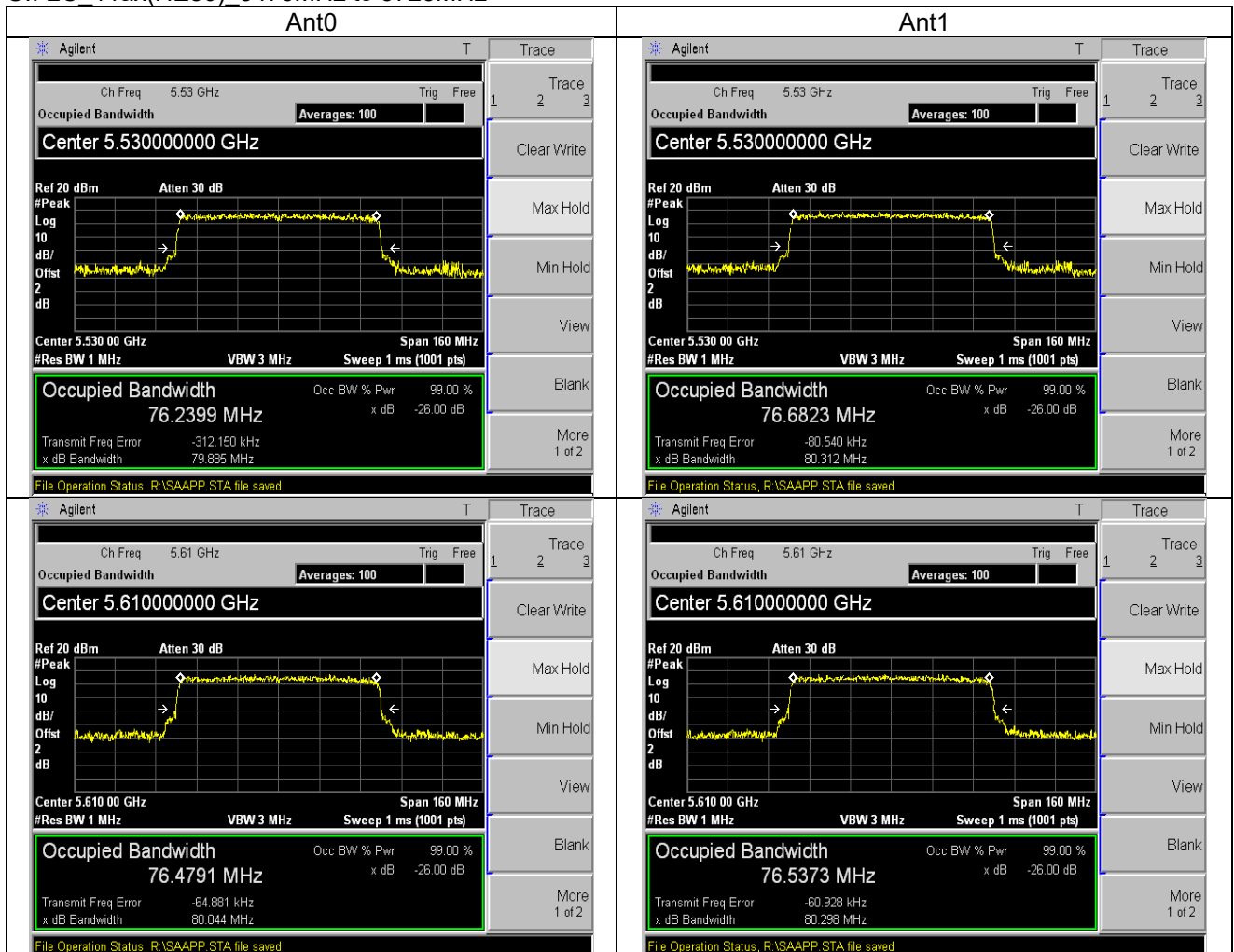
UNII-1_11ax(HE80)_5150MHz to 5250MHz ANT0



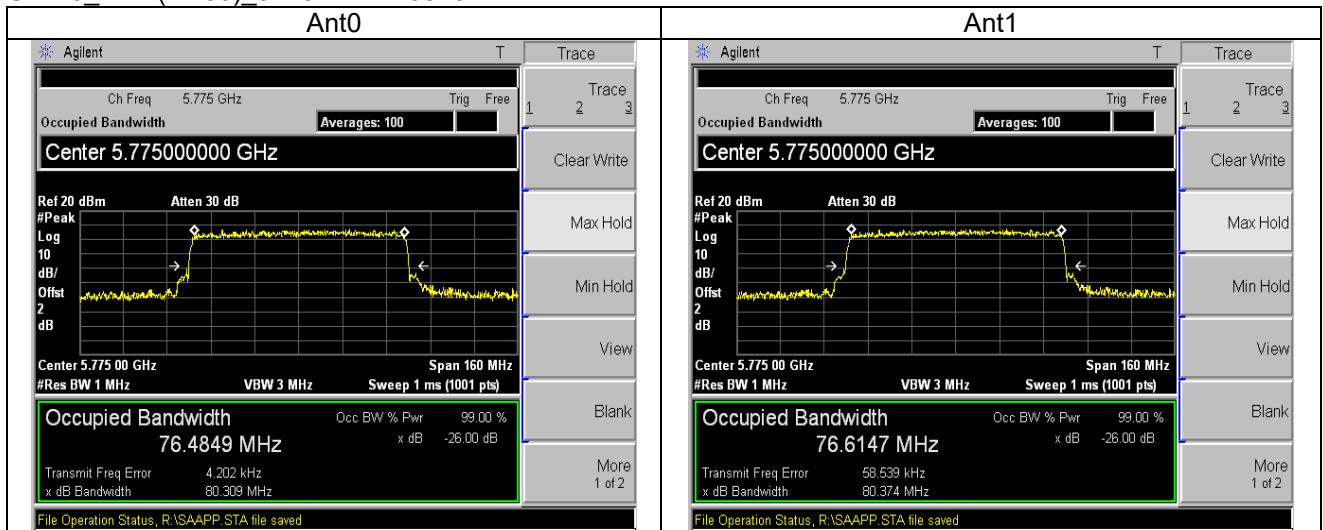
UNII-2A_11ax(HE80)_5250MHz to 5320MHz



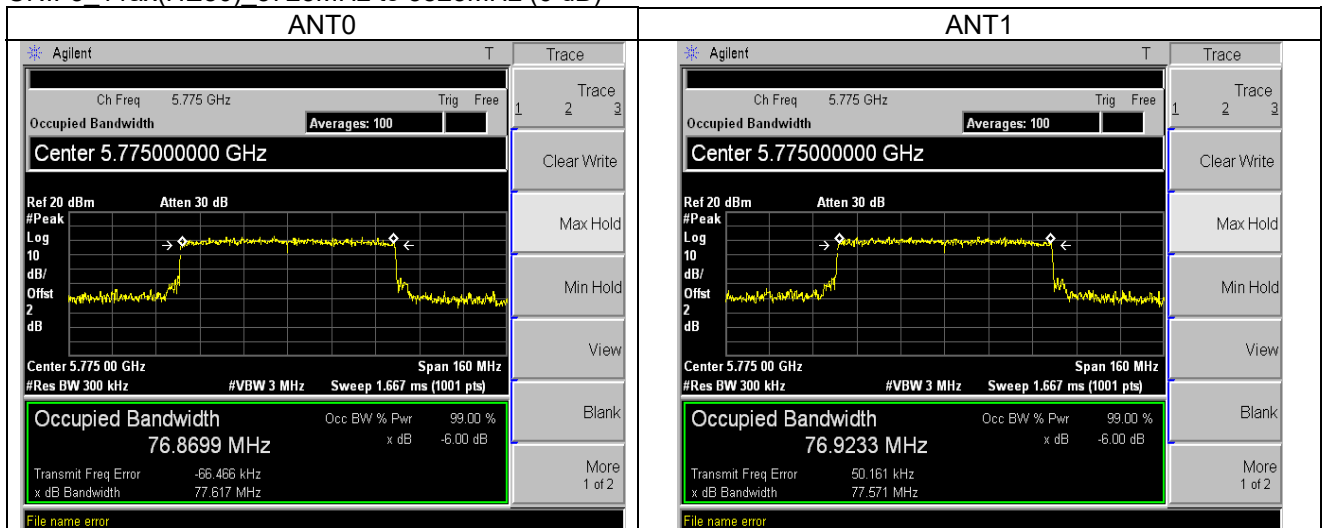
UII-2C_11ax(HE80)_5470MHz to 5725MHz



UNII-3_11ax(HE80)_5725MHz to 5825MHz



UNII-3_11ax(HE80)_5725MHz to 5825MHz (6 dB)



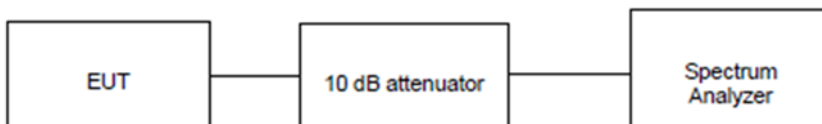
8.2 Maximum Average Conducted Output Power

Result	Pass
Test Specification	FCC part 15 Subpart C 15.407 (a)(1)(iv) & (a)(3) / RSS 247 Issue 2, Section 6.2.1.1 & Section 6.2.4.1
Test Method	Subclause 12.3.2.6 of ANSI C63.10
Measurement Bandwidth	Refer Test Method below
Detector	Average sample detector mode
Port of testing	Antenna port
Requirement	- For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW Master device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm) - For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11dBm + 10+10 log B, where B is the 26 dB emission bandwidth in megahertz - For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W

Note:

a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Method



Test Condition

Normal Test Condition:

Temperature (Norm) = + 22.3 °C	Voltage = DC 12.0 V	Relative humidity: 54%
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KDB Guidelines applied:

Measurements were made as per section E (2) sub-section (d) in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Test results:
Note:

1. All the losses are included during measurement and final values are mentioned in the test report
10 dB attenuator + 1.0 dB Cable loss = 11.0 dB total offset
2. This product do not support additional beamforming gain / directional gain, it uses signal antenna and hence directional gain of the single is gain *Table 1

Modulation: 802.11a_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
6	Ant0	5180	7.16	4.592	11.75	18.36	29.99	23.01
		5200	7.06	4.592	11.65	18.26	29.99	23.01
		5240	7.10	4.592	11.69	18.30	29.99	23.01
	Ant1	5180	6.93	4.592	11.52	17.95	29.99	23.01
		5200	6.81	4.592	11.40	17.83	29.99	23.01
		5240	6.72	4.592	11.31	17.74	29.99	23.01

Modulation: 802.11a_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
6	Ant0	5260	7.09	4.592	11.68	18.29	23.96	23.96
		5300	7.02	4.592	11.61	18.22	23.96	23.96
		5320	7.00	4.592	11.59	18.20	23.96	23.96
	Ant1	5260	6.55	4.592	11.14	17.57	23.96	23.96
		5300	6.35	4.592	10.94	17.37	23.96	23.96
		5320	6.37	4.592	10.96	17.39	23.96	23.96

Modulation: 802.11a_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
6	Ant0	5500	6.72	4.592	11.31	17.57	23.96	23.96
		5580	6.68	4.592	11.27	17.53	23.96	23.96
		5700	7.12	4.592	11.71	17.97	23.96	23.96
	Ant1	5500	5.41	4.592	10.0	15.74	23.98	23.98
		5580	4.28	4.592	8.87	14.61	23.98	23.98
		5700	4.75	4.592	9.35	15.09	23.98	23.98

Modulation: 802.11a_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
6	Ant0	5745	4.73	4.592	9.32	16.18	29.99	29.99
		5785	4.48	4.592	9.07	15.93	29.99	29.99
		5825	3.79	4.592	8.38	15.24	29.99	29.99
	Ant1	5745	3.85	4.592	8.44	14.67	29.99	29.99
		5785	3.48	4.592	8.07	14.30	29.99	29.99
		5825	3.03	4.592	7.62	13.85	29.99	29.99

Modulation: 802.11n(HT20)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5180	7.76	5.470	13.23	19.49	29.99	23.01
		5200	7.84	5.470	13.31	19.57	29.99	23.01
		5240	7.87	5.470	13.34	19.60	29.99	23.01
	Ant1	5180	6.63	5.470	12.10	17.84	29.99	23.01
		5200	6.55	5.470	12.02	17.76	29.99	23.01
		5240	6.65	5.470	12.12	17.86	29.99	23.01

Modulation: 802.11n(HT20)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5260	7.80	5.470	13.27	19.53	23.96	23.96
		5300	7.61	5.470	13.08	19.34	23.96	23.96
		5320	7.60	5.470	13.07	19.33	23.96	23.96
	Ant1	5260	7.28	5.470	12.75	18.49	23.96	23.96
		5300	6.95	5.470	12.42	18.16	23.96	23.96
		5320	6.97	5.470	12.44	18.18	23.96	23.96

Modulation: 802.11n(HT20)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5500	5.81	5.470	11.28	17.54	23.96	23.96
		5580	5.43	5.470	10.90	17.16	23.96	23.96
		5700	4.85	5.470	10.32	16.58	23.96	23.96
	Ant1	5500	5.25	5.470	10.72	16.46	23.98	23.98
		5580	4.15	5.470	9.62	15.36	23.98	23.98
		5700	4.58	5.470	10.05	15.79	23.98	23.98

Modulation: 802.11n(HT20)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5745	-4.14	5.470	1.33	7.59	29.99	29.99
		5785	-4.96	5.470	0.51	6.77	29.99	29.99
		5825	-6.18	5.470	-0.71	5.55	29.99	29.99
	Ant1	5745	-5.21	5.470	0.26	6.00	29.99	29.99
		5785	-5.57	5.470	-0.10	5.64	29.99	29.99
		5825	-5.80	5.470	-0.33	5.41	29.99	29.99

Modulation: 802.11n(HT20)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5180	6.74	5.470	12.21	18.47	29.99	23.01
		5200	6.90	5.470	12.37	18.63	29.99	23.01
		5240	6.96	5.470	12.43	18.69	29.99	23.01
	MIMO Ant1	5180	6.66	5.470	12.13	17.87	29.99	23.01
		5200	6.64	5.470	12.11	17.85	29.99	23.01
		5240	6.61	5.470	12.08	17.82	29.99	23.01

Modulation: 802.11n(HT20)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5260	6.92	5.470	12.39	18.65	23.96	23.96
		5300	6.73	5.470	12.20	18.46	23.96	23.96
		5320	6.78	5.470	12.25	18.51	23.96	23.96
	MIMO Ant1	5260	6.45	5.470	11.92	17.66	23.96	23.96
		5300	6.16	5.470	11.63	17.37	23.96	23.96
		5320	6.10	5.470	11.57	17.31	23.96	23.96

Modulation: 802.11n(HT20)_MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5500	4.64	5.470	10.11	16.37	23.96	23.96
		5580	4.32	5.470	9.79	16.05	23.96	23.96
		5700	3.81	5.470	9.28	15.54	23.96	23.96
	MIMO Ant1	5500	4.08	5.470	9.55	15.29	23.98	23.98
		5580	2.93	5.470	8.40	14.14	23.98	23.98
		5700	3.23	5.470	8.70	14.44	23.98	23.98

Modulation: 802.11n(HT20)_MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5745	-5.88	5.470	-0.41	6.45	29.99	29.99
		5785	-6.21	5.470	-0.74	6.12	29.99	29.99
		5825	-6.62	5.470	-1.15	5.71	29.99	29.99
	MIMO Ant1	5745	-6.70	5.470	-1.23	5.00	29.99	29.99
		5785	-6.68	5.470	-1.21	5.02	29.99	29.99
		5825	-7.04	5.470	-1.57	4.66	29.99	29.99

Modulation: 802.11n(HT40)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5190	1.20	7.739	8.94	15.55	29.99	23.01
		5230	1.34	7.739	9.08	15.69	29.99	23.01
	Ant1	5190	0.90	7.739	8.64	15.07	29.99	23.01
		5230	0.82	7.739	8.56	14.99	29.99	23.01

Modulation: 802.11n(HT40)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5270	1.35	7.739	9.08	15.69	23.96	23.96
		5310	1.22	7.739	8.96	15.57	23.96	23.96
	Ant1	5270	0.72	7.739	8.46	14.89	23.96	23.96
		5310	0.58	7.739	8.32	14.75	23.96	23.96

Modulation: 802.11n(HT40)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5510	0.66	7.739	8.40	14.66	23.96	23.96
		5590	0.13	7.739	7.87	14.13	23.96	23.96
		5670	0.07	7.739	7.81	14.07	23.96	23.96
	Ant1	5510	-0.18	7.739	7.56	13.30	23.98	23.98
		5590	-1.32	7.739	6.42	12.16	23.98	23.98
		5670	-0.61	7.739	7.13	12.87	23.98	23.98

Modulation: 802.11n(HT40)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5755	0.00	7.739	7.74	14.60	29.99	29.99
		5795	-0.03	7.739	7.71	14.57	29.99	29.99
	Ant1	5755	0.31	7.739	8.05	14.28	29.99	29.99
		5795	0.22	7.739	7.96	14.19	29.99	29.99

Modulation: 802.11n(HT40)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5190	0.28	7.739	8.02	14.63	29.99	23.01
		5230	0.45	7.739	8.19	14.80	29.99	23.01
	MIMO Ant1	5190	-0.14	7.739	7.60	14.03	29.99	23.01
		5230	-0.09	7.739	7.65	14.08	29.99	23.01

Modulation: 802.11n(HT40)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5270	0.43	7.739	8.17	14.78	23.96	23.96
		5310	0.26	7.739	8.00	14.61	23.96	23.96
	MIMO Ant1	5270	-0.10	7.739	7.64	14.07	23.96	23.96
		5310	-0.33	7.739	7.41	13.84	23.96	23.96

Modulation: 802.11n(HT40)_MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5510	-0.70	7.739	7.04	13.30	23.96	23.96
		5590	-1.39	7.739	6.35	12.61	23.96	23.96
		5670	-1.67	7.739	6.07	12.33	23.96	23.96
	MIMO Ant1	5510	-1.40	7.739	6.34	12.08	23.98	23.98
		5590	-2.43	7.739	5.31	11.05	23.98	23.98
		5670	-1.74	7.739	6.00	11.74	23.98	23.98

Modulation: 802.11n(HT40)_MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5755	-0.87	7.739	6.87	13.73	29.99	29.99
		5795	-1.00	7.739	6.74	13.60	29.99	29.99
	MIMO Ant1	5755	-0.54	7.739	7.20	13.43	29.99	29.99
		5795	-0.65	7.739	7.09	13.32	29.99	29.99

Modulation: 802.11ac(VHT20)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5180	6.90	5.337	12.23	18.84	29.99	23.01
		5200	6.80	5.337	12.14	18.75	29.99	23.01
		5240	6.80	5.337	12.13	18.74	29.99	23.01
	Ant1	5180	6.54	5.337	11.88	18.31	29.99	23.01
		5200	6.56	5.337	11.89	18.32	29.99	23.01
		5240	6.55	5.337	11.89	18.32	29.99	23.01

Modulation: 802.11ac(VHT20)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5260	6.96	5.337	12.30	18.91	23.96	23.96
		5300	6.79	5.337	12.12	18.73	23.96	23.96
		5320	6.76	5.337	12.09	18.70	23.96	23.96
	Ant1	5260	6.38	5.337	11.71	18.14	23.96	23.96
		5300	6.07	5.337	11.41	17.84	23.96	23.96
		5320	6.09	5.337	11.42	17.85	23.96	23.96

Modulation: 802.11ac(VHT20)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5500	5.86	5.337	11.20	17.46	23.96	23.96
		5580	5.41	5.337	10.74	17.00	23.96	23.96
		5700	5.36	5.337	10.70	16.96	23.96	23.96
	Ant1	5500	5.31	5.337	10.65	16.39	23.98	23.98
		5580	4.16	5.337	9.50	15.24	23.98	23.98
		5700	4.61	5.337	9.95	15.69	23.98	23.98

Modulation: 802.11ac(VHT20)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5745	4.26	5.337	9.60	16.46	29.99	29.99
		5785	4.27	5.337	9.61	16.47	29.99	29.99
		5825	3.29	5.337	8.63	15.49	29.99	29.99
	Ant1	5745	3.37	5.337	8.71	14.94	29.99	29.99
		5785	3.24	5.337	8.57	14.80	29.99	29.99
		5825	2.56	5.337	7.89	14.12	29.99	29.99

Modulation: 802.11ac(VHT20)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5180	5.97	5.337	11.31	17.92	29.99	23.01
		5200	5.96	5.337	11.30	17.91	29.99	23.01
		5240	6.07	5.337	11.41	18.02	29.99	23.01
	MIMO Ant1	5180	5.74	5.337	11.07	17.50	29.99	23.01
		5200	5.65	5.337	10.99	17.42	29.99	23.01
		5240	5.62	5.337	10.96	17.39	29.99	23.01

Modulation: 802.11ac(VHT20)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5260	6.03	5.337	11.36	17.97	23.96	23.96
		5300	5.76	5.337	11.10	17.71	23.96	23.96
		5320	5.80	5.337	11.14	17.75	23.96	23.96
	MIMO Ant1	5260	5.44	5.337	10.78	17.21	23.96	23.96
		5300	5.20	5.337	10.54	16.97	23.96	23.96
		5320	5.15	5.337	10.49	16.92	23.96	23.96

Modulation: 802.11ac(VHT20)_ MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5500	5.05	5.337	10.39	16.65	23.96	23.96
		5580	4.55	5.337	9.88	16.14	23.96	23.96
		5700	4.25	5.337	9.58	15.84	23.96	23.96
	MIMO Ant1	5500	4.09	5.337	9.43	15.17	23.98	23.98
		5580	2.94	5.337	8.27	14.01	23.98	23.98
		5700	3.40	5.337	8.74	14.48	23.98	23.98

Modulation: 802.11ac(VHT20)_ MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5745	3.32	5.337	8.65	15.51	29.99	29.99
		5785	3.04	5.337	8.38	15.24	29.99	29.99
		5825	2.22	5.337	7.56	14.42	29.99	29.99
	MIMO Ant1	5745	2.12	5.337	7.46	13.69	29.99	29.99
		5785	1.98	5.337	7.32	13.55	29.99	29.99
		5825	1.38	5.337	6.72	12.95	29.99	29.99

Modulation: 802.11ac(VHT40)_ UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5190	2.05	7.725	9.77	16.38	29.99	23.01
		5230	2.13	7.725	9.86	16.47	29.99	23.01
	Ant1	5190	1.72	7.725	9.45	15.88	29.99	23.01
		5230	1.67	7.725	9.39	15.82	29.99	23.01

Modulation: 802.11ac(VHT40)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5270	2.36	7.725	10.09	16.70	23.96	23.96
		5310	2.26	7.725	9.98	16.59	23.96	23.96
	Ant1	5270	1.71	7.725	9.43	15.86	23.96	23.96
		5310	1.45	7.725	9.18	15.61	23.96	23.96

Modulation: 802.11ac(VHT40)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5510	1.00	7.725	8.73	14.99	23.96	23.96
		5590	0.42	7.725	8.14	14.40	23.96	23.96
		5670	-0.57	7.725	7.15	13.41	23.96	23.96
	Ant1	5510	-0.16	7.725	7.56	13.30	23.98	23.98
		5590	-1.28	7.725	6.44	12.18	23.98	23.98
		5670	-0.55	7.725	7.18	12.92	23.98	23.98

Modulation: 802.11ac(VHT40)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5755	0.13	7.725	7.86	14.72	29.99	29.99
		5795	0.05	7.725	7.77	14.63	29.99	29.99
	Ant1	5755	0.31	7.725	8.04	14.27	29.99	29.99
		5795	0.14	7.725	7.86	14.09	29.99	29.99

Modulation: 802.11ac(VHT40)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5190	2.20	7.725	9.92	16.53	29.99	23.01
		5230	2.09	7.725	9.81	16.42	29.99	23.01
	MIMO Ant1	5190	1.85	7.725	9.57	16.00	29.99	23.01
		5230	1.82	7.725	9.54	15.97	29.99	23.01

Modulation: 802.11ac(VHT40)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5270	1.03	7.725	8.76	15.37	23.96	23.96
		5310	0.63	7.725	8.35	14.96	23.96	23.96
	MIMO Ant1	5270	0.79	7.725	8.51	14.94	23.96	23.96
		5310	0.64	7.725	8.36	14.79	23.96	23.96

Modulation: 802.11ac(VHT40)_MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5510	-0.29	7.725	7.44	13.70	23.96	23.96
		5590	-0.85	7.725	6.87	13.13	23.96	23.96
		5670	-0.95	7.725	6.77	13.03	23.96	23.96
	MIMO Ant1	5510	-1.28	7.725	6.45	12.19	23.98	23.98
		5590	-2.41	7.725	5.32	11.06	23.98	23.98
		5670	-1.67	7.725	6.06	11.80	23.98	23.98

Modulation: 802.11ac(VHT40)_MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5755	-0.77	7.725	6.96	13.82	29.99	29.99
		5795	-0.90	7.725	6.82	13.68	29.99	29.99
	MIMO Ant1	5755	-0.56	7.725	7.16	13.39	29.99	29.99
		5795	-0.70	7.725	7.03	13.26	29.99	29.99

Modulation: 802.11ac(VHT80)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5210	-5.15	10.476	5.33	11.94	29.99	23.01
	Ant1	5210	-5.65	10.476	4.83	11.26	29.99	23.01

Modulation: 802.11ac(VHT80)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5290	-5.23	10.476	5.25	11.86	23.96	23.96
	Ant1	5290	-5.79	10.476	4.69	11.12	23.96	23.96

Modulation: 802.11ac(VHT80)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5530	-6.96	10.476	3.52	9.78	23.96	23.96
		5610	-7.77	10.476	2.70	8.96	23.96	23.96
	Ant1	5530	-8.47	10.476	2.01	7.75	23.98	23.98
		5610	-10.00	10.476	0.48	6.22	23.98	23.98

Modulation: 802.11ac(VHT80)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5775	-6.26	10.476	4.22	11.08	29.99	29.99
	Ant1	5775	-5.05	10.476	5.42	11.65	29.99	29.99

Modulation: 802.11ac(VHT80)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5210	-5.39	10.476	5.09	11.70	29.99	23.01
	MIMO Ant1	5210	-5.64	10.476	4.84	11.27	29.99	23.01

Modulation: 802.11ac(VHT80)_ MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5290	-5.20	10.476	5.28	11.89	23.96	23.96
	MIMO Ant1	5290	-5.86	10.476	4.62	11.05	23.96	23.96

Modulation: 802.11ac(VHT80)_ MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5530	-7.14	10.476	3.34	9.60	23.96	23.96
		5610	-7.96	10.476	2.51	8.77	23.96	23.96
	MIMO Ant1	5530	-8.54	10.476	1.93	7.67	23.98	23.98
		5610	-10.03	10.476	0.45	6.19	23.98	23.98

Modulation: 802.11ac(VHT80)_ MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5775	-6.23	10.476	4.25	11.11	29.99	29.99
	MIMO Ant1	5775	-6.12	10.476	4.36	10.59	29.99	29.99

Modulation: 802.11ax(HE20)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5180	7.22	5.783	13.00	19.61	29.99	23.01
		5200	7.25	5.783	13.03	19.64	29.99	23.01
		5240	7.25	5.783	13.03	19.64	29.99	23.01
	Ant1	5180	7.08	5.783	12.86	19.29	29.99	23.01
		5200	6.91	5.783	12.69	19.12	29.99	23.01
		5240	6.92	5.783	12.70	19.13	29.99	23.01

Modulation: 802.11ax(HE20)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5260	7.52	5.783	13.31	19.92	23.96	23.96
		5300	7.35	5.783	13.13	19.74	23.96	23.96
		5320	7.36	5.783	13.15	19.76	23.96	23.96
	Ant1	5260	6.92	5.783	12.71	19.14	23.96	23.96
		5300	6.65	5.783	12.43	18.86	23.96	23.96
		5320	6.56	5.783	12.35	18.78	23.96	23.96

Modulation: 802.11ax(HE20)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5500	5.67	5.783	11.46	17.72	23.96	23.96
		5580	5.03	5.783	10.81	17.07	23.96	23.96
		5700	4.76	5.783	10.54	16.80	23.96	23.96
	Ant1	5500	4.09	5.783	9.87	15.61	23.98	23.98
		5580	3.49	5.783	9.27	15.01	23.98	23.98
		5700	4.00	5.783	9.78	15.52	23.98	23.98

Modulation: 802.11ax(HE20)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5745	3.91	5.783	9.69	16.55	29.99	29.99
		5785	3.59	5.783	9.38	16.24	29.99	29.99
		5825	3.09	5.783	8.88	15.74	29.99	29.99
	Ant1	5745	2.95	5.783	8.73	14.96	29.99	29.99
		5785	2.69	5.783	8.47	14.70	29.99	29.99
		5825	2.05	5.783	7.83	14.06	29.99	29.99

Modulation: 802.11ax(HE20)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5180	6.10	5.783	11.88	18.49	29.99	23.01
		5200	6.25	5.783	12.03	18.64	29.99	23.01
		5240	6.32	5.783	12.10	18.71	29.99	23.01
	MIMO Ant1	5180	6.00	5.783	11.78	18.21	29.99	23.01
		5200	5.97	5.783	11.75	18.18	29.99	23.01
		5240	6.04	5.783	11.82	18.25	29.99	23.01

Modulation: 802.11ax(HE20)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5260	6.59	5.783	12.37	18.98	23.96	23.96
		5300	6.46	5.783	12.25	18.86	23.96	23.96
		5320	6.48	5.783	12.27	18.88	23.96	23.96
	MIMO Ant1	5260	6.22	5.783	12.00	18.43	23.96	23.96
		5300	5.95	5.783	11.73	18.16	23.96	23.96
		5320	5.84	5.783	11.62	18.05	23.96	23.96

Modulation: 802.11ax(HE20)_MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5500	4.29	5.783	10.07	16.33	23.96	23.96
		5580	3.86	5.783	9.65	15.91	23.96	23.96
		5700	3.47	5.783	9.25	15.51	23.96	23.96
	MIMO Ant1	5500	3.56	5.783	9.35	15.09	23.98	23.98
		5580	2.45	5.783	8.23	13.97	23.98	23.98
		5700	2.97	5.783	8.75	14.49	23.98	23.98

Modulation: 802.11ax(HE20)_MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5745	2.82	5.783	8.60	15.46	29.99	29.99
		5785	2.64	5.783	8.42	15.28	29.99	29.99
		5825	2.00	5.783	7.78	14.64	29.99	29.99
	MIMO Ant1	5745	1.85	5.783	7.63	13.86	29.99	29.99
		5785	1.66	5.783	7.45	13.68	29.99	29.99
		5825	0.86	5.783	6.64	12.87	29.99	29.99

Modulation: 802.11ax(HE40)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5190	2.06	8.436	10.50	17.11	29.99	23.01
		5230	2.04	8.436	10.48	17.09	29.99	23.01
	Ant1	5190	1.74	8.436	10.17	16.60	29.99	23.01
		5230	1.70	8.436	10.14	16.57	29.99	23.01

Modulation: 802.11ax(HE40)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5270	1.66	8.436	10.10	16.71	23.96	23.96
		5310	1.57	8.436	10.00	16.61	23.96	23.96
	Ant1	5270	1.03	8.436	9.47	15.90	23.96	23.96
		5310	0.89	8.436	9.32	15.75	23.96	23.96

Modulation: 802.11ax(HE40)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5510	0.28	8.436	8.71	14.97	23.96	23.96
		5590	-0.28	8.436	8.16	14.42	23.96	23.96
		5670	-0.59	8.436	7.84	14.10	23.96	23.96
	Ant1	5510	-0.88	8.436	7.56	13.30	23.98	23.98
		5590	-1.95	8.436	6.49	12.23	23.98	23.98
		5670	-1.26	8.436	7.17	12.91	23.98	23.98

Modulation: 802.11ax(HE40)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5755	-0.03	8.436	8.40	14.66	29.99	29.99
		5795	-0.13	8.436	8.30	14.56	29.99	29.99
	Ant1	5755	-0.32	8.436	8.12	13.86	29.99	29.99
		5795	-0.47	8.436	7.97	13.71	29.99	29.99

Modulation: 802.11ax(HE40)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5190	1.02	8.436	9.45	16.31	29.99	23.01
		5230	1.13	8.436	9.56	16.42	29.99	23.01
	MIMO Ant1	5190	0.89	8.436	9.32	13.86	29.99	23.01
		5230	0.84	8.436	9.27	13.71	29.99	23.01

Modulation: 802.11ax(HE40)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5270	0.71	8.436	9.15	15.76	23.96	23.96
		5310	0.62	8.436	9.06	15.67	23.96	23.96
	MIMO Ant1	5270	0.18	8.436	8.62	14.36	23.96	23.96
		5310	-0.02	8.436	8.42	14.16	23.96	23.96

Modulation: 802.11ax(HE40)_MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5510	-0.48	8.436	7.96	14.22	23.96	23.96
		5590	-0.97	8.436	7.47	13.73	23.96	23.96
		5670	-1.38	8.436	7.06	13.32	23.96	23.96
	MIMO Ant1	5510	0.71	8.436	9.15	14.89	23.98	23.98
		5590	-2.72	8.436	5.71	11.45	23.98	23.98
		5670	-1.91	8.436	6.53	12.27	23.98	23.98

Modulation: 802.11ax(HE40)_MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5755	-1.00	8.436	7.44	14.30	29.99	29.99
		5795	-1.10	8.436	7.33	14.19	29.99	29.99
	MIMO Ant1	5755	-1.24	8.436	7.20	13.43	29.99	29.99
		5795	-1.42	8.436	7.01	13.24	29.99	29.99

Modulation: 802.11ax(HE80)_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5210	-4.35	10.745	6.40	13.01	29.99	23.01
	Ant1	5210	-4.71	10.745	6.04	12.47	29.99	23.01

Modulation: 802.11ax(HE80)_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5290	-4.41	10.745	6.34	12.95	23.96	23.96
	Ant1	5290	-5.18	10.745	5.56	11.99	23.96	23.96

Modulation: 802.11ax(HE80)_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5530	-7.31	10.745	3.44	9.70	23.96	23.96
		5610	-8.15	10.745	2.59	8.85	23.96	23.96
	Ant1	5530	-8.69	10.745	2.06	7.80	23.98	23.98
		5610	-10.18	10.745	0.57	6.31	23.98	23.98

Modulation: Modulation: 802.11ax(HE80)_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	Ant0	5775	-6.56	10.745	4.18	11.04	29.99	29.99
	Ant1	5775	-6.26	10.745	4.49	10.72	29.99	29.99

Modulation: 802.11ax(HE80)_MIMO_UNII-1

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5210	-5.28	10.745	5.47	12.08	29.99	23.01
	MIMO Ant1	5210	-5.84	10.745	4.91	11.34	29.99	23.01

Modulation: 802.11ax(HE80)_MIMO_UNII-2A

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5290	-5.33	10.745	5.42	12.03	23.96	23.96
	MIMO Ant1	5290	-6.11	10.745	4.64	11.07	23.96	23.96

Modulation: 802.11ax(HE80)_MIMO_UNII-2C

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5530	-7.39	10.745	3.35	9.61	23.96	23.96
		5610	-8.24	10.745	2.50	8.76	23.96	23.96
	MIMO Ant1	5530	-8.86	10.745	1.89	7.63	23.98	23.98
		5610	-10.32	10.745	0.42	6.16	23.98	23.98

Modulation: 802.11ax(HE80)_MIMO_UNII-3

Data Rate (Mbps)	Antenna Port	Channel Frequency (MHz)	Measured Average Power (dBm)	Duty cycle correction factor (dB)	Maximum Average output power (dBm)	Final Average output power (e.i.r.p) (dBm)	FCC Power Limit (dBm)	IC Power Limit (e.i.r.p) (dBm)
Mcs0	MIMO Ant0	5775	-7.41	10.745	3.33	10.19	29.99	29.99
	MIMO Ant1	5775	-7.22	10.745	3.53	9.76	29.99	29.99

8.3 Maximum Power Spectral Density

Result

Test Specification

Test Method

Measurement Bandwidth

Detector

Port of testing

Requirement for FCC

Pass

 FCC part 15 Subpart C 15.407 (a) / RSS 247 Issue 2
 Section 6.2.1; 6.2.2; 6.2.3; & Section 6.2.4

Subclause 12.5 of ANSI C63.10

1MHz & 500kHz

Average sample detector

Antenna port

1. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 MHz band

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Master device: 17 dBm/MHz	5150-5250
		Client device: 11 dBm/MHz	
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

Requirement for IC

2. For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band
1. For the band 5.15-5.25 GHz, The e.i.r.p. spectral density shall not exceed 10 dBm in any 1 MHz band
2. For the band 5.725-5.85 GHz, The output power spectral density shall not exceed 30 dBm in any 500 kHz band

8.3.1 Test Method:



The following procedure shall be used:

1. Set center frequency to the nominal EUT channel center frequency
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal
3. Set RBW = 1MHz (5.15-5.25 GHz band) / 500kHz (5.725-5.85 GHz band)
4. Set VBW $\geq 3 \times$ RBW
5. Number of points in sweep $\geq 2 \times$ span / RBW. (This ensures that bin-to-bin spacing is $\leq$ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto
7. Detector = power peak, if available. Otherwise, use sample detector mode
8. Do not use sweep triggering. Allow the sweep to "free run."
9. Trace average at least 100 traces and Compute power by integrating the spectrum across the EBW
10. Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission)
11. If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:
 - a. Set RBW = 300 kHz
 - b. Set VBW ≥ 3 RBW
 - c. If measurement bandwidth of Maximum PSD is specified in 500 kHz

$$\text{PSD bandwidth correction Factor} = 10 * \log(500 \text{ kHz} / \text{RBW})$$

Test Condition**Normal Test Condition:**

Temperature (Norm) = + 22.3 °C	Voltage = DC 12.0 V	Relative humidity: 54%
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KDB Guidelines applied:

Measurements were made as per section F in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Test results:**Note:**

1. All the losses are included during measurement and final values are mentioned in the test report.
2. Duty cycle correction factor is considered in Final Average power Duty cycle Correction factor = $10 * \log(1/X)$ Where X is Duty Cycle
3. This product do not support additional beamforming gain / directional gain, it uses signal antenna and hence directional gain of the single antenna is For *Table 1

Modulation: 802.11a

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	3.70	4.592	8.29	17	10
	Ant1	5180	3.86	4.592	8.45	17	10
	Ant0	5200	4.09	4.592	8.68	17	10
	Ant1	5200	3.62	4.592	8.22	17	10
	Ant0	5240	3.58	4.592	8.18	17	10
	Ant1	5240	2.70	4.592	7.29	17	10
UNII-2A	Ant0	5260	1.03	4.592	5.62	11	10
	Ant1	5260	2.46	4.592	7.05	11	10
	Ant0	5300	3.31	4.592	7.90	11	10
	Ant1	5300	1.41	4.592	6.01	11	10
	Ant0	5230	4.08	4.592	8.67	11	10
	Ant1	5230	2.87	4.592	7.46	11	10
UNII-2C	Ant0	5500	2.75	4.592	7.34	11	10
	Ant1	5500	1.96	4.592	6.55	11	10
	Ant0	5580	3.58	4.592	8.17	11	10
	Ant1	5580	0.22	4.592	4.81	11	10
	Ant0	5700	3.26	4.592	7.85	11	10
	Ant1	5700	1.63	4.592	6.22	11	10
UNII-3	Ant0	5745	-3.69	4.592	0.90	30	10
	Ant1	5745	-4.97	4.592	-0.38	30	10
	Ant0	5785	-3.75	4.592	0.84	30	10
	Ant1	5785	-4.68	4.592	-0.09	30	10
	Ant0	5825	-4.46	4.592	0.13	30	10
	Ant1	5825	-4.44	4.592	0.15	30	10

Modulation: 802.11n(HT20)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	3.92	5.47	9.39	17	10
	Ant1	5180	3.43	5.47	8.90	17	10
	Ant0	5200	4.30	5.47	9.77	17	10
	Ant1	5200	2.40	5.47	7.87	17	10
	Ant0	5240	4.36	5.47	9.83	17	10
	Ant1	5240	3.11	5.47	8.58	17	10
UNII-2A	Ant0	5260	3.54	5.47	9.01	11	10
	Ant1	5260	3.38	5.47	8.85	11	10
	Ant0	5300	3.33	5.47	8.80	11	10
	Ant1	5300	2.77	5.47	8.24	11	10
	Ant0	5230	3.80	5.47	9.27	11	10
	Ant1	5230	2.97	5.47	8.44	11	10
UNII-2C	Ant0	5500	2.42	5.47	7.89	11	10
	Ant1	5500	1.12	5.47	6.59	11	10
	Ant0	5580	2.25	5.47	7.72	11	10
	Ant1	5580	0.75	5.47	6.22	11	10
	Ant0	5700	1.01	5.47	6.48	11	10
	Ant1	5700	0.87	5.47	6.34	11	10
UNII-3	Ant0	5745	-4.11	5.47	1.36	30	10
	Ant1	5745	-5.21	5.47	0.26	30	10
	Ant0	5785	-4.96	5.47	0.51	30	10
	Ant1	5785	-5.57	5.47	-0.10	30	10
	Ant0	5825	-6.18	5.47	-0.71	30	10
	Ant1	5825	-5.80	5.47	-0.33	30	10

Modulation: 802.11n(HT20) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	2.45	5.47	7.92	17	10
	Ant1	5180	3.19	5.47	8.66	17	10
	Ant0	5200	1.94	5.47	7.41	17	10
	Ant1	5200	2.11	5.47	7.58	17	10
	Ant0	5240	3.49	5.47	8.96	17	10
	Ant1	5240	2.63	5.47	8.10	17	10
UNII-2A	Ant0	5260	1.70	5.47	7.17	11	10
	Ant1	5260	2.52	5.47	7.99	11	10
	Ant0	5300	2.57	5.47	8.04	11	10
	Ant1	5300	2.34	5.47	7.81	11	10
	Ant0	5230	3.00	5.47	8.47	11	10
	Ant1	5230	2.39	5.47	7.86	11	10
UNII-2C	Ant0	5500	0.83	5.47	6.30	11	10
	Ant1	5500	0.36	5.47	5.83	11	10
	Ant0	5580	-0.81	5.47	4.66	11	10
	Ant1	5580	-0.97	5.47	4.50	11	10
	Ant0	5700	-0.21	5.47	5.27	11	10
	Ant1	5700	-0.39	5.47	5.08	11	10
UNII-3	Ant0	5745	-5.88	5.47	-0.41	30	10
	Ant1	5745	-6.70	5.47	-1.23	30	10
	Ant0	5785	-6.21	5.47	-0.74	30	10
	Ant1	5785	-6.68	5.47	-1.21	30	10
	Ant0	5825	-6.62	5.47	-1.15	30	10
	Ant1	5825	-7.04	5.47	-1.57	30	10

Modulation: 802.11n(HT40)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5190	-1.86	7.739	5.88	17	10
	Ant1	5190	-2.26	7.739	5.48	17	10
	Ant0	5230	-1.62	7.739	6.12	17	10
	Ant1	5230	-2.70	7.739	5.04	17	10
UNII-2A	Ant0	5270	-2.60	7.739	5.14	11	10
	Ant1	5270	-2.31	7.739	5.43	11	10
	Ant0	5310	-2.87	7.739	4.87	11	10
	Ant1	5310	-2.75	7.739	4.99	11	10
UNII-2C	Ant0	5510	-3.35	7.739	4.39	11	10
	Ant1	5510	-3.48	7.739	4.26	11	10
	Ant0	5590	-2.35	7.739	5.39	11	10
	Ant1	5590	-4.31	7.739	3.43	11	10
	Ant0	5670	-2.89	7.739	4.85	11	10
	Ant1	5670	-3.88	7.739	3.86	11	10
UNII-3	Ant0	5755	-9.15	7.739	-1.41	30	10
	Ant1	5755	-6.66	7.739	1.08	30	10
	Ant0	5795	-7.25	7.739	0.49	30	10
	Ant1	5795	-7.81	7.739	-0.07	30	10

Modulation: 802.11n(HT40) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5190	-3.04	7.739	4.70	17	10
	Ant1	5190	-4.02	7.739	3.72	17	10
	Ant0	5230	-3.02	7.739	4.72	17	10
	Ant1	5230	-2.77	7.739	4.97	17	10
UNII-2A	Ant0	5270	-3.45	7.739	4.29	11	10
	Ant1	5270	-2.75	7.739	4.99	11	10
	Ant0	5310	-2.62	7.739	5.12	11	10
	Ant1	5310	-4.20	7.739	3.54	11	10
UNII-2C	Ant0	5510	-4.03	7.739	3.71	11	10
	Ant1	5510	-3.42	7.739	4.32	11	10
	Ant0	5590	-4.95	7.739	2.79	11	10
	Ant1	5590	-5.14	7.739	2.60	11	10
	Ant0	5670	-5.91	7.739	1.83	11	10
	Ant1	5670	-4.43	7.739	3.31	11	10
UNII-3	Ant0	5755	-8.57	7.739	-0.83	30	10
	Ant1	5755	-8.95	7.739	-1.21	30	10
	Ant0	5795	-8.63	7.739	-0.89	30	10
	Ant1	5795	-8.42	7.739	-0.68	30	10

Modulation: 802.11ac(VHT20)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	3.02	5.337	8.36	17	10
	Ant1	5180	2.75	5.337	8.09	17	10
	Ant0	5200	3.65	5.337	8.99	17	10
	Ant1	5200	2.48	5.337	7.82	17	10
	Ant0	5240	2.64	5.337	7.97	17	10
	Ant1	5240	2.37	5.337	7.71	17	10
UNII-2A	Ant0	5260	1.69	5.337	7.03	11	10
	Ant1	5260	2.63	5.337	7.97	11	10
	Ant0	5300	3.03	5.337	8.37	11	10
	Ant1	5300	2.00	5.337	7.34	11	10
	Ant0	5230	2.65	5.337	7.98	11	10
	Ant1	5230	2.53	5.337	7.87	11	10
UNII-2C	Ant0	5500	2.1	5.337	7.44	11	10
	Ant1	5500	1.12	5.337	6.46	11	10
	Ant0	5580	1.71	5.337	7.05	11	10
	Ant1	5580	0.24	5.337	5.58	11	10
	Ant0	5700	1.32	5.337	6.66	11	10
	Ant1	5700	0.91	5.337	6.25	11	10
UNII-3	Ant0	5745	-4.26	5.337	1.08	30	10
	Ant1	5745	-6.17	5.337	-1.03	30	10
	Ant0	5785	-4.25	5.337	1.09	30	10
	Ant1	5785	-6.01	5.337	-0.67	30	10
	Ant0	5825	-6.45	5.337	-1.11	30	10
	Ant1	5825	-5.56	5.337	-0.22	30	10

Modulation: 802.11ac(VHT20) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	2.03	5.337	7.37	17	10
	Ant1	5180	1.77	5.337	7.11	17	10
	Ant0	5200	2.30	5.337	7.64	17	10
	Ant1	5200	2.06	5.337	7.40	17	10
	Ant0	5240	1.88	5.337	7.22	17	10
	Ant1	5240	2.00	5.337	7.34	17	10
UNII-2A	Ant0	5260	2.26	5.337	7.60	11	10
	Ant1	5260	1.85	5.337	7.19	11	10
	Ant0	5300	1.47	5.337	6.81	11	10
	Ant1	5300	0.62	5.337	5.96	11	10
	Ant0	5230	1.85	5.337	7.19	11	10
	Ant1	5230	1.06	5.337	6.40	11	10
UNII-2C	Ant0	5500	1.15	5.337	6.49	11	10
	Ant1	5500	-1.55	5.337	3.79	11	10
	Ant0	5580	1.62	5.337	6.96	11	10
	Ant1	5580	-0.60	5.337	4.74	11	10
	Ant0	5700	-0.01	5.337	5.33	11	10
	Ant1	5700	-0.28	5.337	5.06	11	10
UNII-3	Ant0	5745	-5.52	5.337	-0.18	30	10
	Ant1	5745	-6.90	5.337	-1.56	30	10
	Ant0	5785	-5.71	5.337	-0.37	30	10
	Ant1	5785	-6.70	5.337	-1.36	30	10
	Ant0	5825	-6.52	5.337	-1.18	30	10
	Ant1	5825	-7.46	5.337	-2.12	30	10

Modulation: 802.11ac(VHT40)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5190	-1.47	7.725	6.26	17	10
	Ant1	5190	-2.08	7.725	5.65	17	10
	Ant0	5230	-1.47	7.725	6.26	17	10
	Ant1	5230	-1.98	7.725	5.75	17	10
UNII-2A	Ant0	5270	-1.06	7.725	6.67	11	10
	Ant1	5270	-1.60	7.725	6.13	11	10
	Ant0	5310	-0.86	7.725	6.87	11	10
	Ant1	5310	-0.99	7.725	6.74	11	10
UNII-2C	Ant0	5510	-2.14	7.725	5.59	11	10
	Ant1	5510	-3.89	7.725	3.84	11	10
	Ant0	5590	-4.39	7.725	3.34	11	10
	Ant1	5590	-5.24	7.725	2.49	11	10
	Ant0	5670	-4.45	7.725	3.28	11	10
	Ant1	5670	-3.33	7.725	4.40	11	10
UNII-3	Ant0	5755	-7.63	7.725	0.09	30	10
	Ant1	5755	-7.20	7.725	0.52	30	10
	Ant0	5795	-7.07	7.725	0.65	30	10
	Ant1	5795	-8.35	7.725	-0.62	30	10

Modulation: 802.11ac(VHT40) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5190	-1.05	7.725	6.68	17	10
	Ant1	5190	-1.15	7.725	6.58	17	10
	Ant0	5230	-1.32	7.725	6.41	17	10
	Ant1	5230	-2.52	7.725	5.21	17	10
UNII-2A	Ant0	5270	-2.79	7.725	4.94	11	10
	Ant1	5270	-1.91	7.725	5.82	11	10
	Ant0	5310	-2.18	7.725	5.55	11	10
	Ant1	5310	-2.46	7.725	5.27	11	10
UNII-2C	Ant0	5510	-4.08	7.725	3.65	11	10
	Ant1	5510	-4.23	7.725	3.50	11	10
	Ant0	5590	-3.98	7.725	3.75	11	10
	Ant1	5590	-6.41	7.725	1.32	11	10
	Ant0	5670	-4.86	7.725	2.87	11	10
	Ant1	5670	-4.34	7.725	3.39	11	10
UNII-3	Ant0	5755	-7.32	7.725	0.40	30	10
	Ant1	5755	-8.76	7.725	-1.04	30	10
	Ant0	5795	-8.64	7.725	-0.92	30	10
	Ant1	5795	-8.45	7.725	-0.73	30	10

Modulation: 802.11ac(VHT80)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5210	-6.74	10.476	3.74	17	10
	Ant1	5210	-8.69	10.476	1.78	17	10
UNII-2A	Ant0	5290	-5.20	10.476	5.28	11	10
	Ant1	5290	-5.79	10.476	4.69	11	10
UNII-2C	Ant0	5530	-9.52	10.476	0.96	11	10
	Ant1	5530	-9.79	10.476	0.69	11	10
	Ant0	5610	-9.18	10.476	1.30	11	10
	Ant1	5610	-12.93	10.476	-2.45	11	10
UNII-3	Ant0	5775	-6.23	10.476	4.25	30	10
	Ant1	5775	-5.05	10.476	5.43	30	10

Modulation: 802.11ac(VHT80) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5210	-8.13	10.476	2.35	17	10
	Ant1	5210	-8.13	10.476	2.35	17	10
UNII-2A	Ant0	5290	-5.23	10.476	5.25	11	10
	Ant1	5290	-5.86	10.476	4.62	11	10
UNII-2C	Ant0	5530	-10.07	10.476	0.41	11	10
	Ant1	5530	-11.81	10.476	-1.33	11	10
	Ant0	5610	-9.32	10.476	1.16	11	10
	Ant1	5610	-13.05	10.476	-2.57	11	10
UNII-3	Ant0	5775	-6.26	10.476	4.22	30	10
	Ant1	5775	-6.12	10.476	4.36	30	10

Modulation: 802.11ax(HE20)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	3.13	5.783	8.92	17	10
	Ant1	5180	3.65	5.783	9.43	17	10
	Ant0	5200	3.67	5.783	9.45	17	10
	Ant1	5200	3.42	5.783	9.20	17	10
	Ant0	5240	3.73	5.783	9.51	17	10
	Ant1	5240	2.85	5.783	8.63	17	10
UNII-2A	Ant0	5260	3.51	5.783	9.29	11	10
	Ant1	5260	2.98	5.783	8.76	11	10
	Ant0	5300	3.24	5.783	9.02	11	10
	Ant1	5300	2.62	5.783	8.40	11	10
	Ant0	5230	3.90	5.783	9.68	11	10
	Ant1	5230	2.48	5.783	8.26	11	10
UNII-2C	Ant0	5500	1.72	5.783	7.50	11	10
	Ant1	5500	0.41	5.783	6.19	11	10
	Ant0	5580	0.90	5.783	6.68	11	10
	Ant1	5580	-0.56	5.783	5.22	11	10
	Ant0	5700	0.80	5.783	6.58	11	10
	Ant1	5700	0.29	5.783	6.07	11	10
UNII-3	Ant0	5745	-4.55	5.783	1.23	30	10
	Ant1	5745	-5.90	5.783	-0.12	30	10
	Ant0	5785	-4.93	5.783	0.85	30	10
	Ant1	5785	-6.00	5.783	-0.22	30	10
	Ant0	5825	-6.06	5.783	-0.28	30	10
	Ant1	5825	-6.44	5.783	-0.66	30	10

Modulation: 802.11ax(HE20) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5180	1.89	5.783	7.67	17	10
	Ant1	5180	2.17	5.783	7.95	17	10
	Ant0	5200	2.48	5.783	8.26	17	10
	Ant1	5200	2.15	5.783	7.93	17	10
	Ant0	5240	2.30	5.783	8.08	17	10
	Ant1	5240	2.12	5.783	7.90	17	10
UNII-2A	Ant0	5260	3.61	5.783	9.39	11	10
	Ant1	5260	2.25	5.783	8.03	11	10
	Ant0	5300	2.07	5.783	7.85	11	10
	Ant1	5300	1.96	5.783	7.74	11	10
	Ant0	5230	2.66	5.783	8.44	11	10
	Ant1	5230	1.88	5.783	7.66	11	10
UNII-2C	Ant0	5500	0.32	5.783	6.10	11	10
	Ant1	5500	-0.21	5.783	5.57	11	10
	Ant0	5580	-0.19	5.783	5.59	11	10
	Ant1	5580	-1.50	5.783	4.28	11	10
	Ant0	5700	-0.05	5.783	5.73	11	10
	Ant1	5700	-1.14	5.783	4.64	11	10
UNII-3	Ant0	5745	-6.06	5.783	-0.28	30	10
	Ant1	5745	-6.54	5.783	-0.76	30	10
	Ant0	5785	-5.83	5.783	-0.05	30	10
	Ant1	5785	-7.22	5.783	-1.44	30	10
	Ant0	5825	-7.76	5.783	-1.98	30	10
	Ant1	5825	-7.56	5.783	-1.78	30	10

Modulation: 802.11ax(HE40)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5190	-1.18	8.436	7.26	17	10
	Ant1	5190	-1.81	8.436	6.63	17	10
	Ant0	5230	-1.38	8.436	7.06	17	10
	Ant1	5230	-2.34	8.436	6.10	17	10
UNII-2A	Ant0	5270	0.87	8.436	9.31	11	10
	Ant1	5270	-1.77	8.436	6.67	11	10
	Ant0	5310	-0.59	8.436	7.85	11	10
	Ant1	5310	-1.51	8.436	6.93	11	10
UNII-2C	Ant0	5510	-2.20	8.436	6.24	11	10
	Ant1	5510	-3.77	8.436	4.67	11	10
	Ant0	5590	-2.78	8.436	5.66	11	10
	Ant1	5590	-3.92	8.436	4.52	11	10
	Ant0	5670	-3.26	8.436	5.18	11	10
	Ant1	5670	-3.91	8.436	4.53	11	10
UNII-3	Ant0	5755	-7.94	8.436	0.50	30	10
	Ant1	5755	-7.41	8.436	1.03	30	10
	Ant0	5795	-7.44	8.436	1.00	30	10
	Ant1	5795	-9.32	8.436	-0.88	30	10

Modulation: 802.11ax(HE40) MIMO

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5190	-1.80	8.436	6.64	17	10
	Ant1	5190	-2.85	8.436	5.59	17	10
	Ant0	5230	-1.96	8.436	6.48	17	10
	Ant1	5230	-2.37	8.436	6.07	17	10
UNII-2A	Ant0	5270	-1.33	8.436	7.11	11	10
	Ant1	5270	-3.16	8.436	5.28	11	10
	Ant0	5310	-3.27	8.436	5.17	11	10
	Ant1	5310	-2.42	8.436	6.02	11	10
UNII-2C	Ant0	5510	-3.34	8.436	5.10	11	10
	Ant1	5510	-5.19	8.436	3.25	11	10
	Ant0	5590	-3.54	8.436	4.90	11	10
	Ant1	5590	-5.59	8.436	2.85	11	10
	Ant0	5670	-4.91	8.436	3.53	11	10
	Ant1	5670	-5.38	8.436	3.06	11	10
UNII-3	Ant0	5755	-8.80	8.436	-0.36	30	10
	Ant1	5755	-8.69	8.436	-0.25	30	10
	Ant0	5795	-9.84	8.436	-1.40	30	10
	Ant1	5795	-8.40	8.436	0.04	30	10

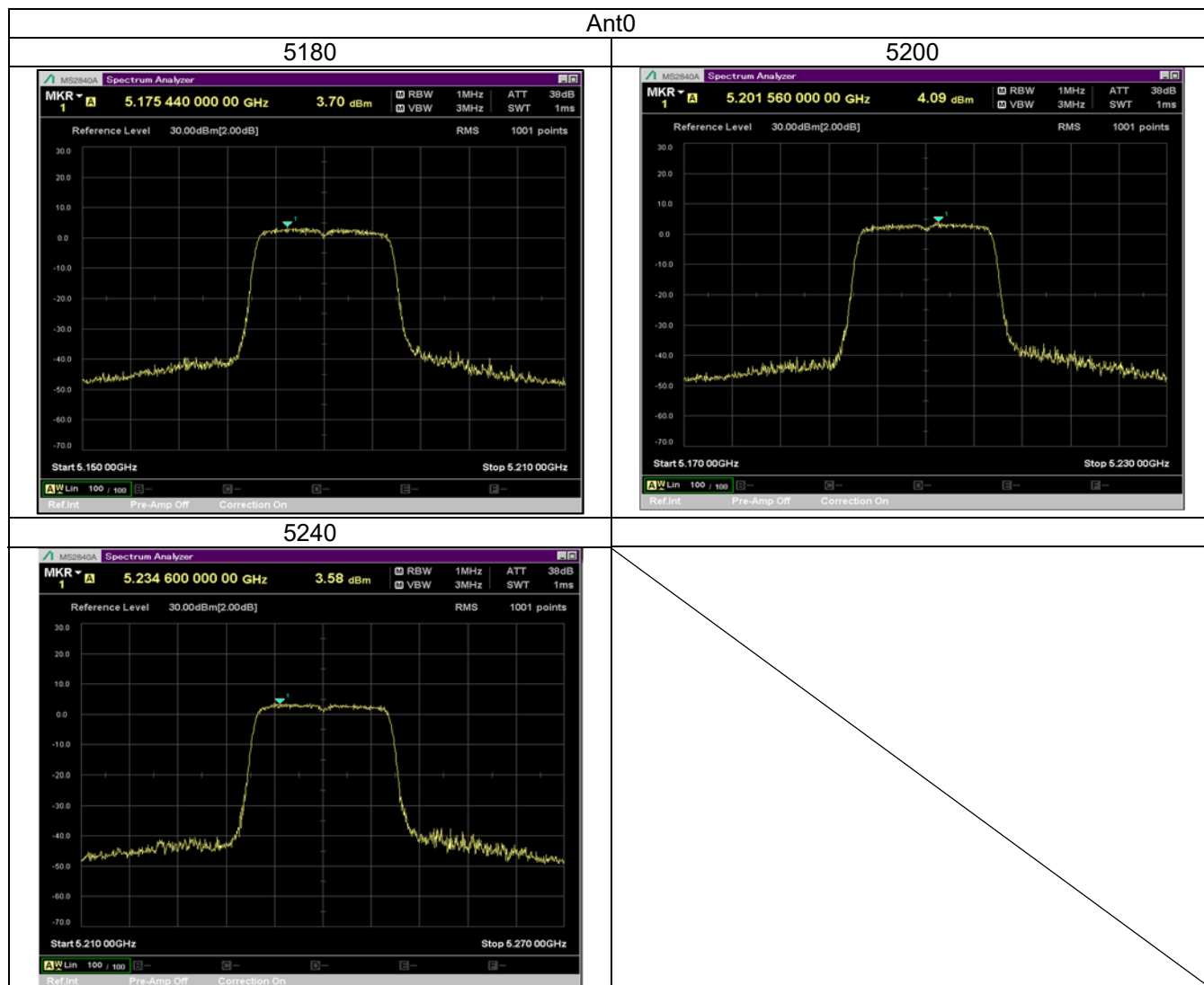
Modulation: 802.11ax(HE80)

Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5210	-5.43	10.745	5.32	17	10
	Ant1	5210	-7.22	10.745	3.53	17	10
UNII-2A	Ant0	5290	-6.28	10.745	4.47	11	10
	Ant1	5290	-6.64	10.745	4.11	11	10
UNII-2C	Ant0	5530	-9.46	10.745	1.29	11	10
	Ant1	5530	-11.09	10.745	-0.35	11	10
	Ant0	5610	-9.36	10.745	1.39	11	10
	Ant1	5610	-13.92	10.745	-3.18	11	10
UNII-3	Ant0	5775	-13.22	10.745	-2.48	30	10
	Ant1	5775	-12.31	10.745	-1.57	30	10

Modulation: 802.11ax(HE80) MIMO

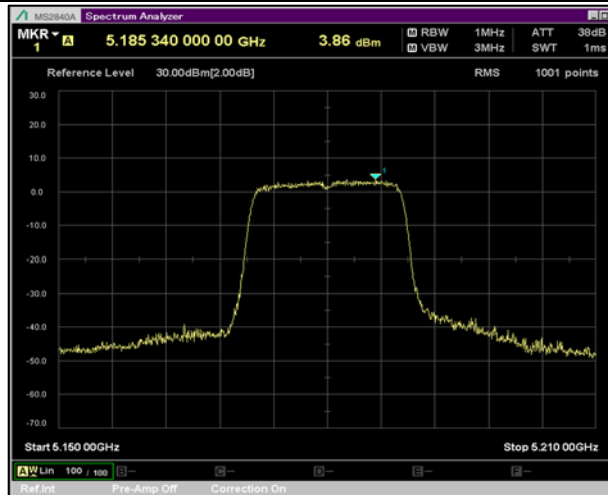
Band Type	Antenna Port	Measured Frequency (MHz)	Measured Average PSD (dBm/1MHz)	Duty cycle correction factor (dB)	Measured Average PSD (dBm/1MHz)	FCC PSD Limit (dBm/1MHz)	IC e.i.r.p PSD (dBm/1MHz)
UNII-1	Ant0	5210	-6.96	10.745	3.79	17	10
	Ant1	5210	-9.02	10.745	1.73	17	10
UNII-2A	Ant0	5290	-8.16	10.745	2.59	11	10
	Ant1	5290	-8.24	10.745	2.51	11	10
UNII-2C	Ant0	5530	-9.45	10.745	1.30	11	10
	Ant1	5530	-10.84	10.745	-0.10	11	10
	Ant0	5610	-10.19	10.745	0.56	11	10
	Ant1	5610	-13.14	10.745	-2.40	11	10
UNII-3	Ant0	5775	-13.98	10.745	-3.23	30	10
	Ant1	5775	-13.95	10.745	-3.21	30	10

Band: 802.11a_UNII-1

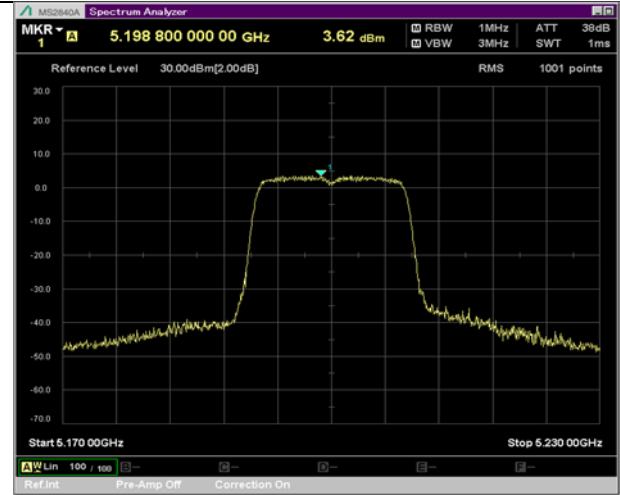


Ant1

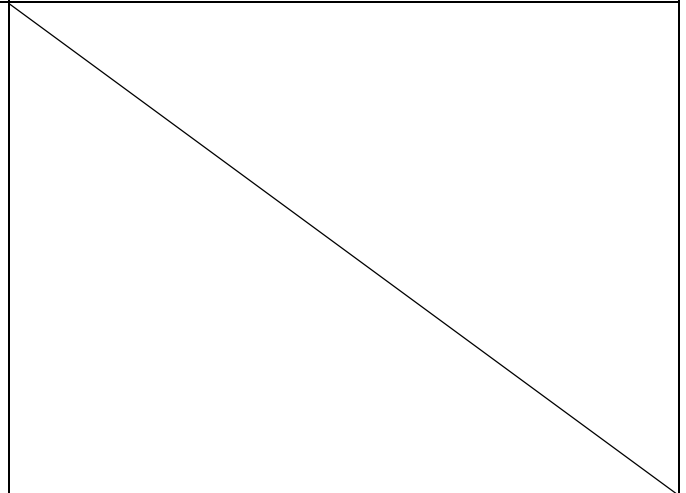
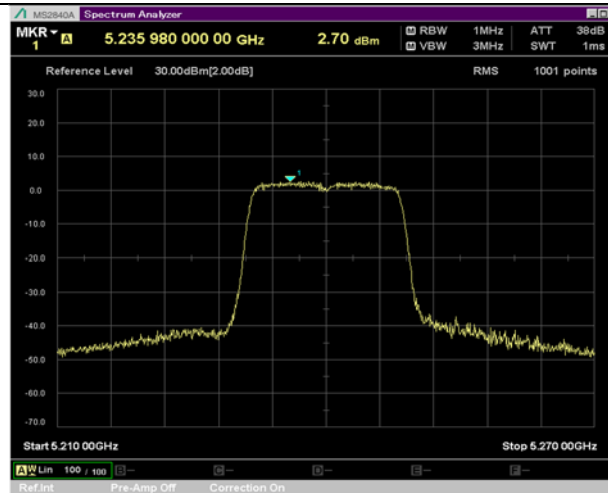
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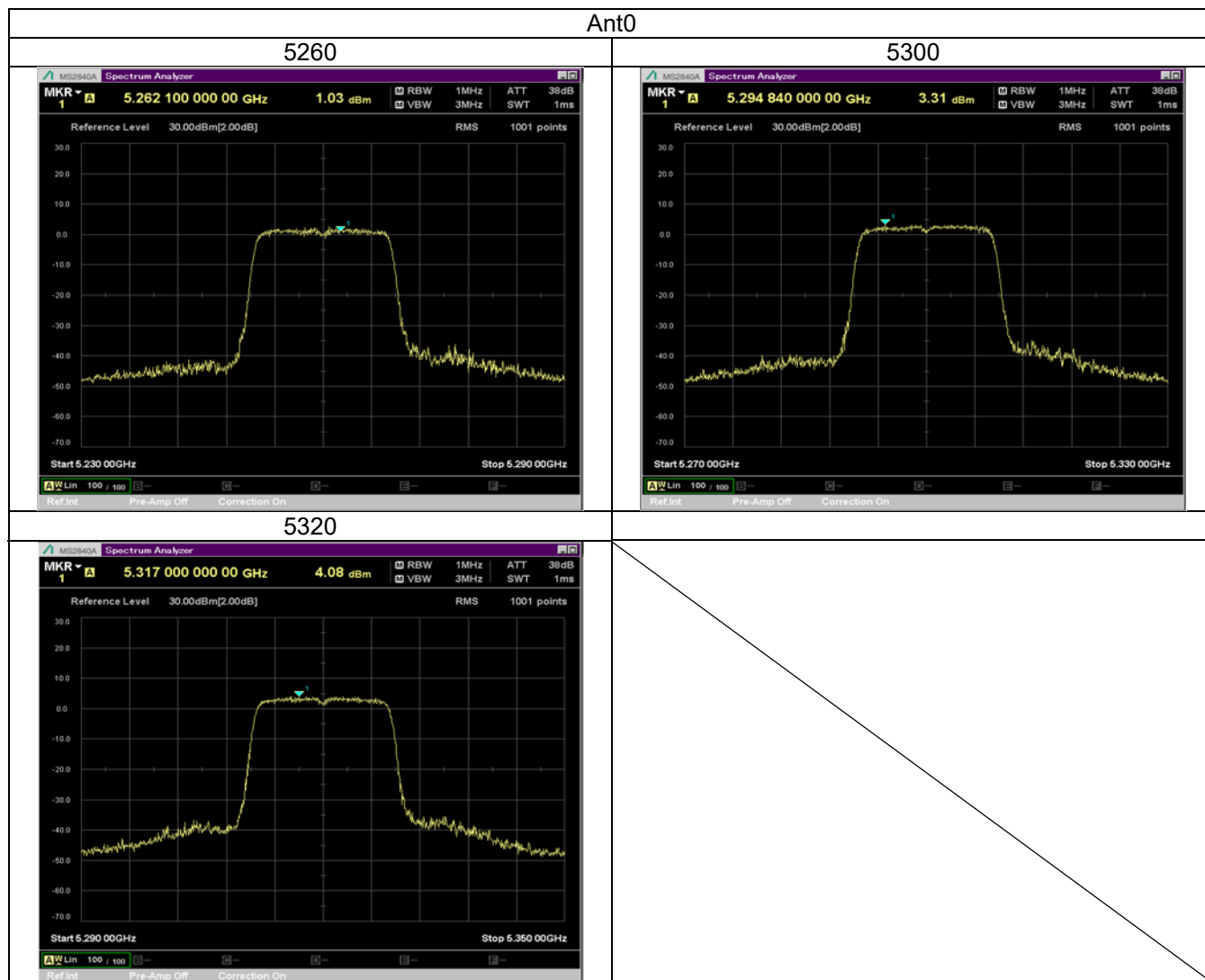
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5240

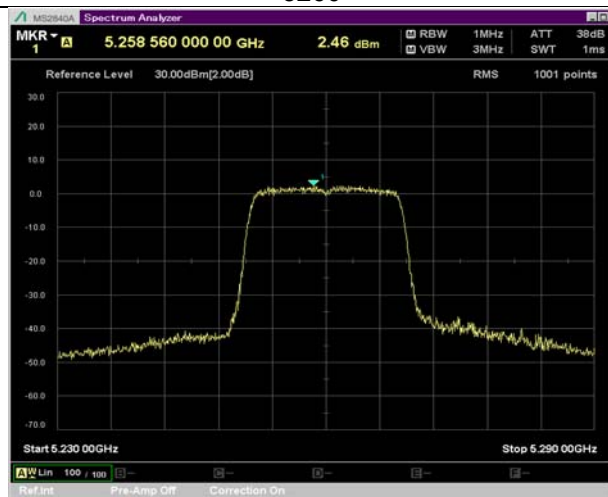


Band: 802.11a_UNII-2A

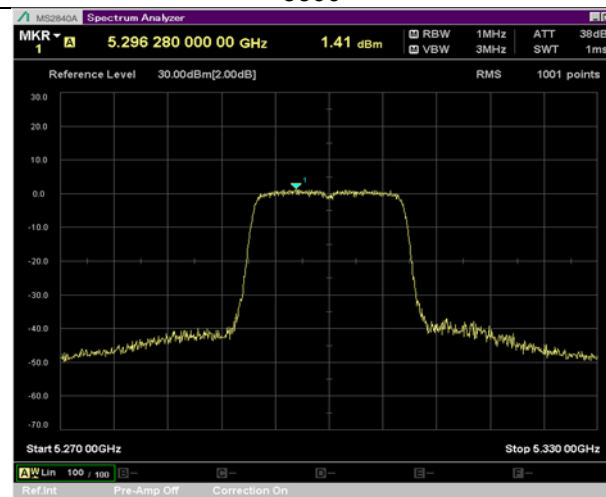


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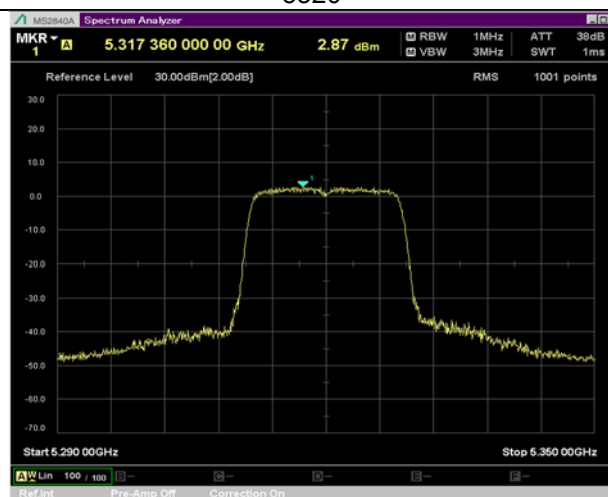
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5300



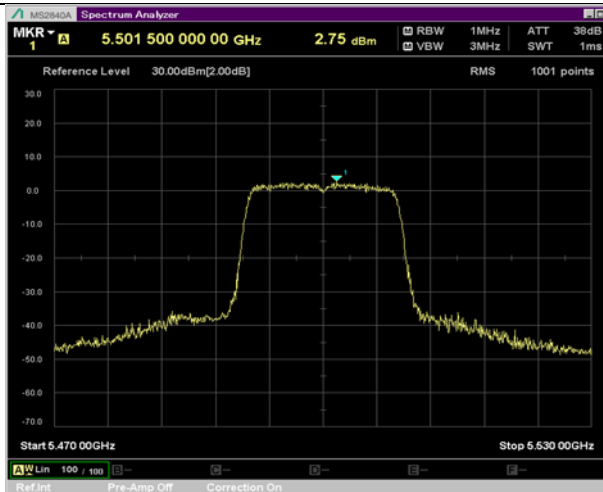
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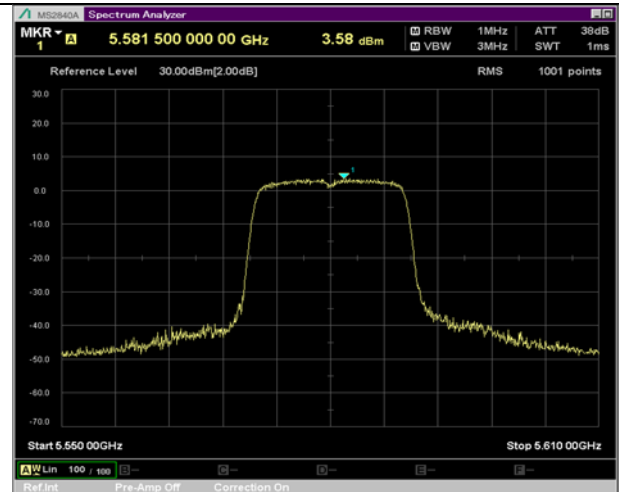
Band: 802.11a_UNII-2C

Ant0

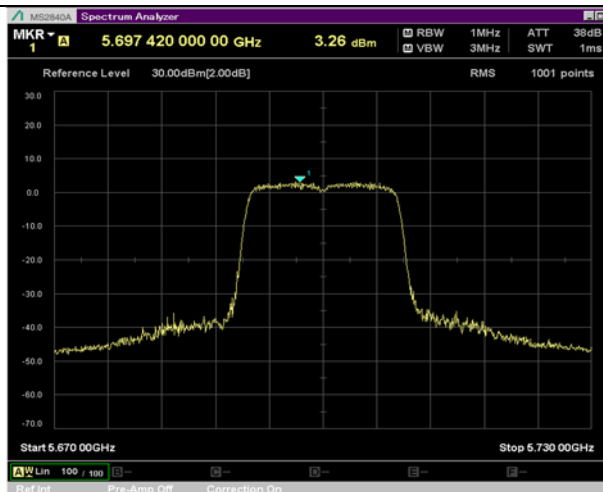
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5580

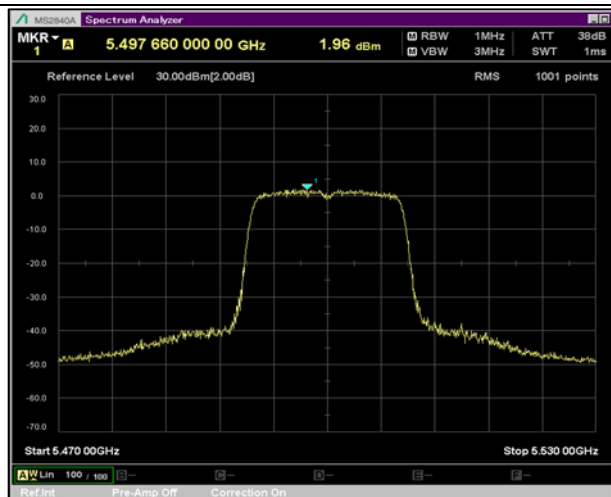


5700

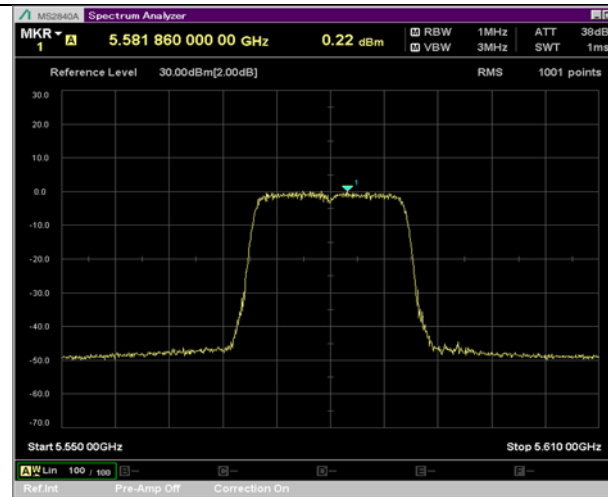


Ant1

5500



5580



5700

