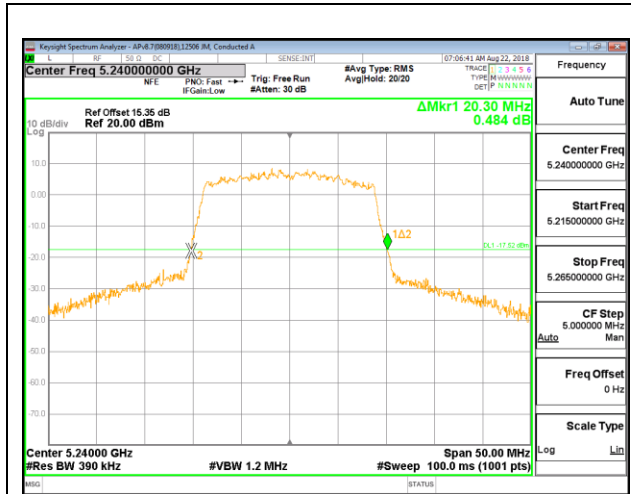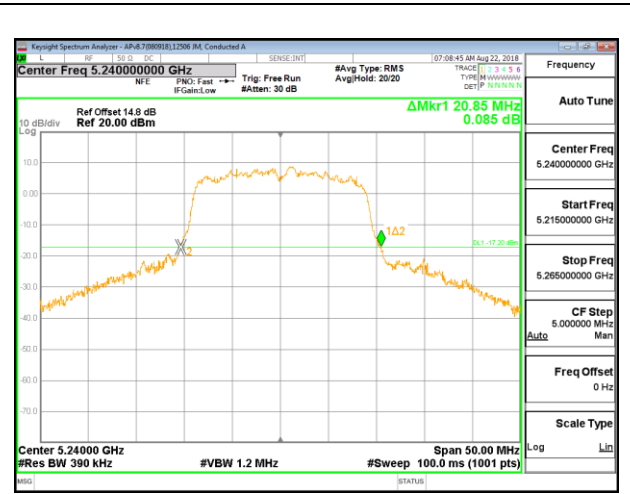# HIGH CHANNEL

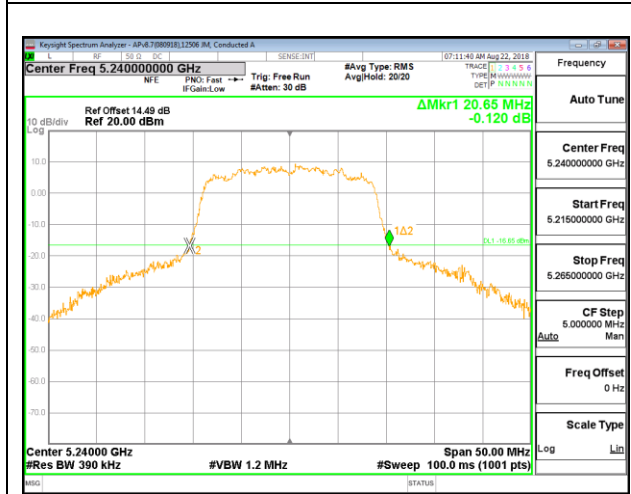**HIGH CHANNEL CHAIN 0**

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

Page 45 of 290

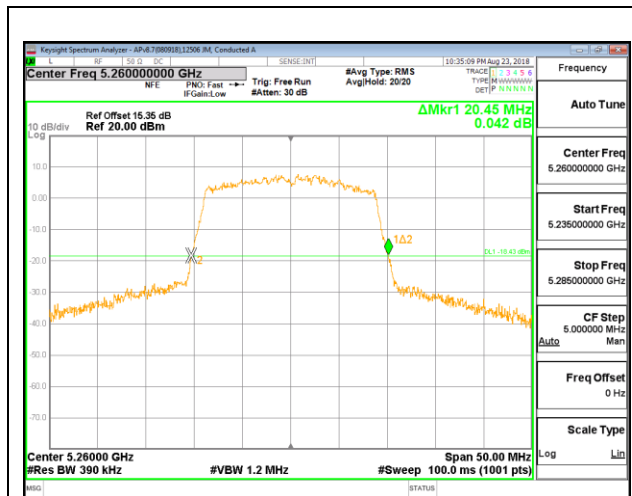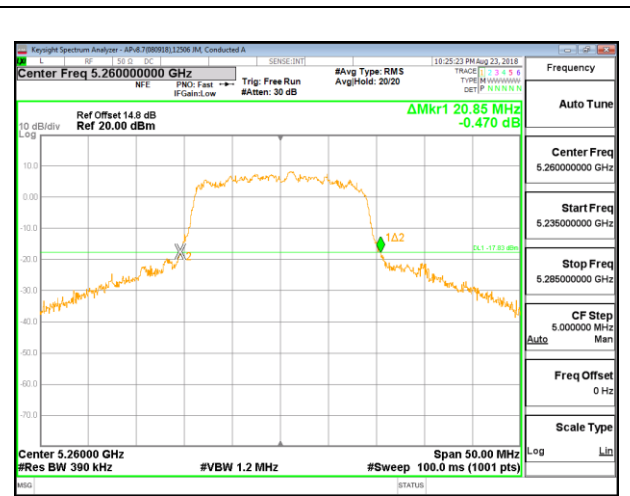## 8.2.2.2. 802.11n HT20 MODE IN THE 5.3 GHz BAND

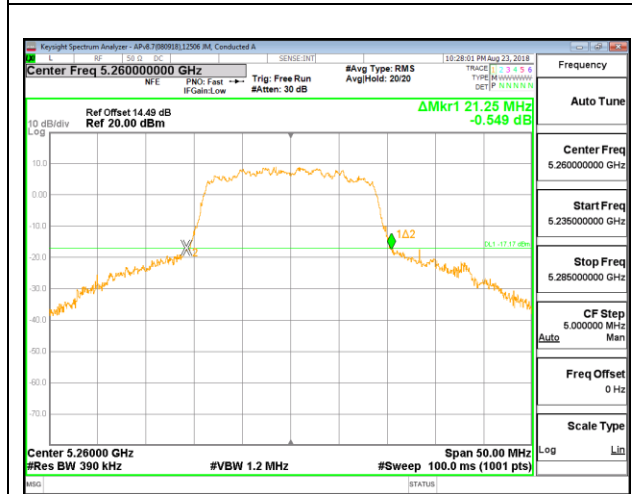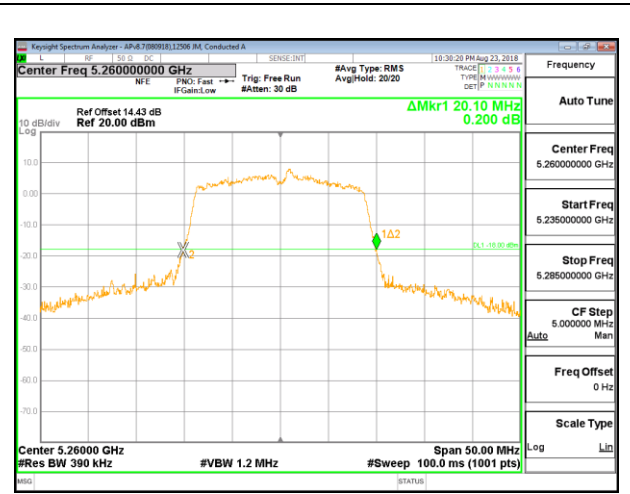| Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	26 dB Bandwidth Chain 3 (MHz)
Low	5260	20.45	20.85	21.25	20.10
Mid	5300	20.45	21.10	22.75	20.10
High	5320	20.50	22.45	24.95	20.35

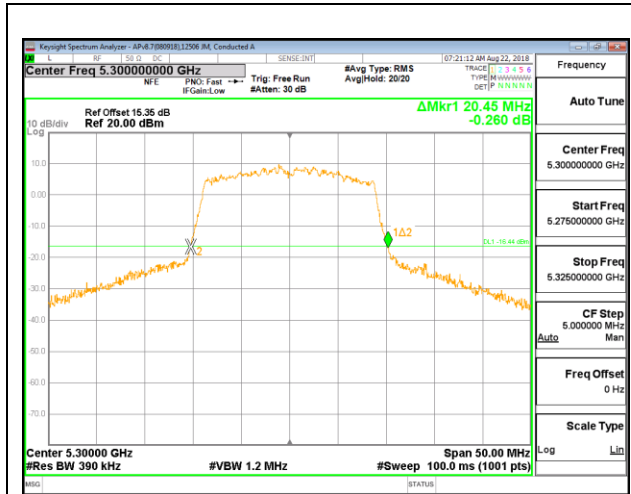**LOW CHANNEL**

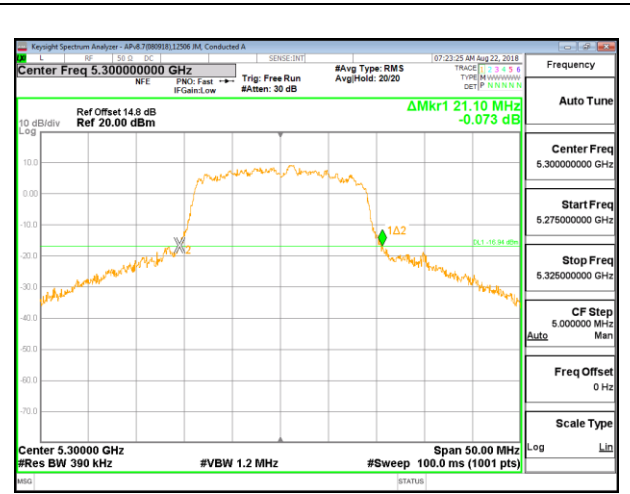LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

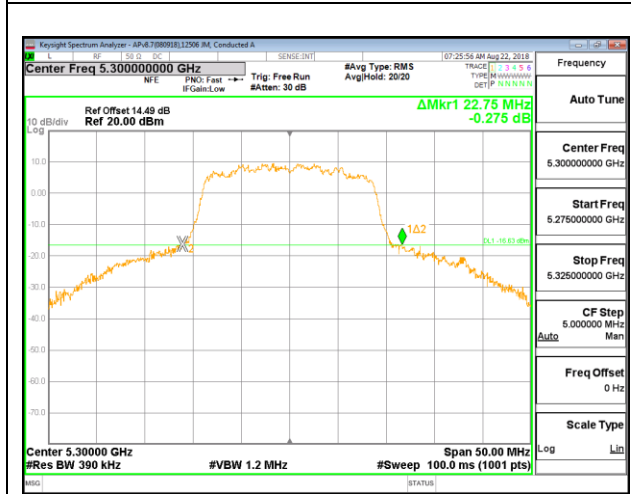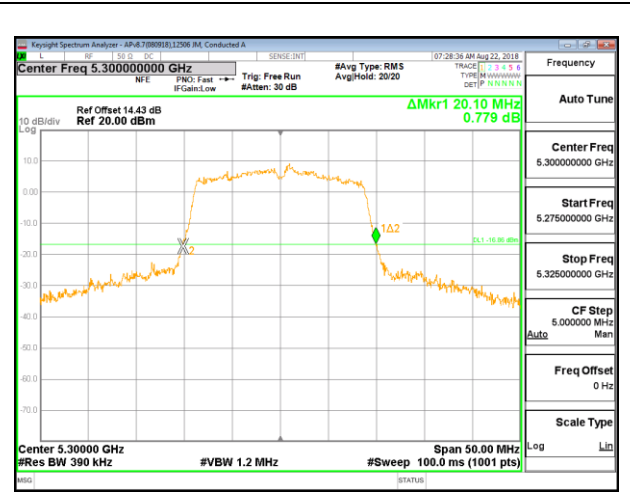LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

MID CHANNEL

MID CHANNEL CHAIN 0
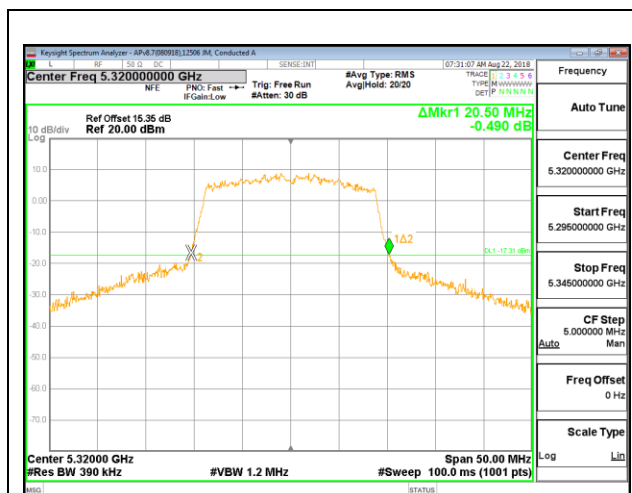

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA   TEL:(510) 771-1000   FAX:(510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

Page 48 of 290

8.2.2.3.   802.11n HT20 MODE IN THE 5.6 GHz BAND

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	26 dB Bandwidth Chain 3 (MHz)
Low	5500	20.40	20.35	20.65	20.05
Mid	5580	20.45	20.35	20.75	20.10
High	5700	20.45	20.45	20.65	20.25

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

MID CHANNEL

MID CHANNEL CHAIN 0

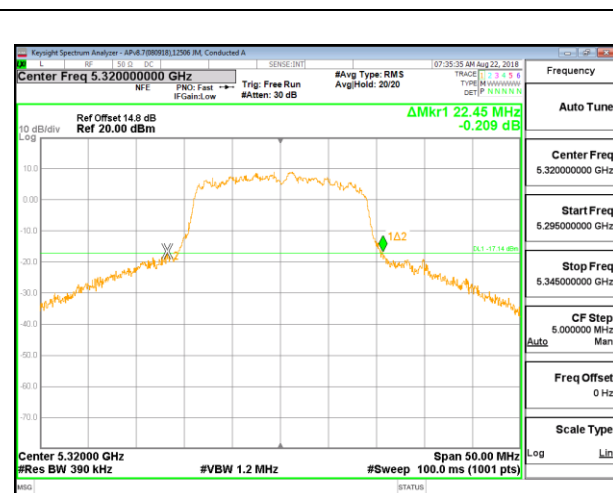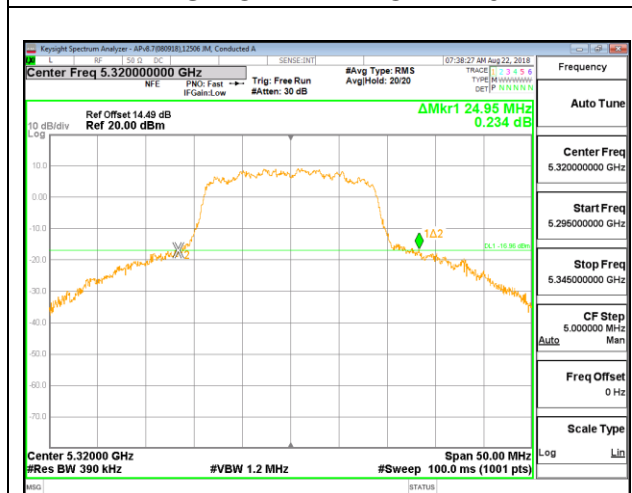**MID CHANNEL CHAIN 1**

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3
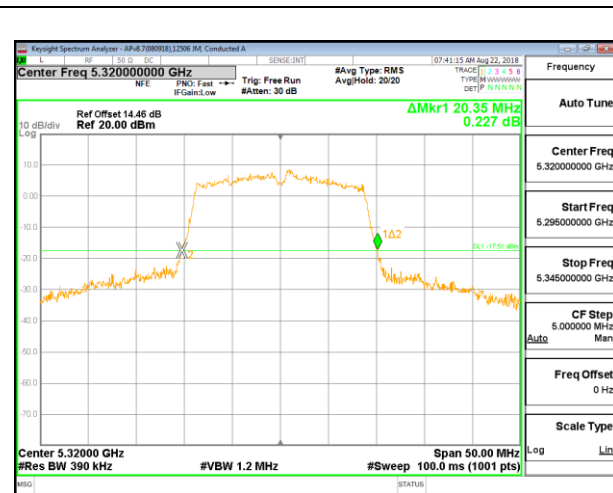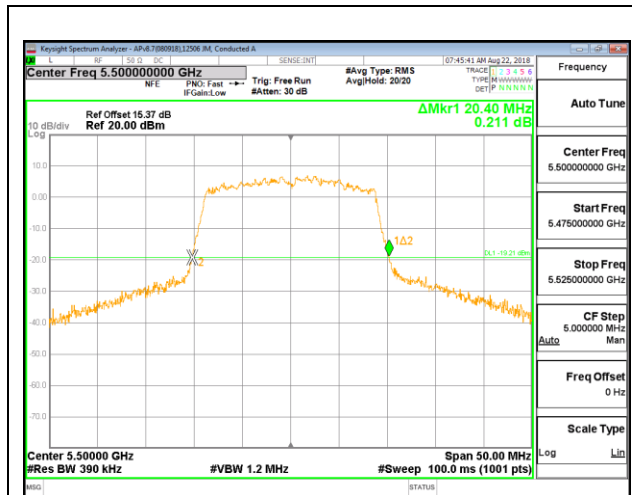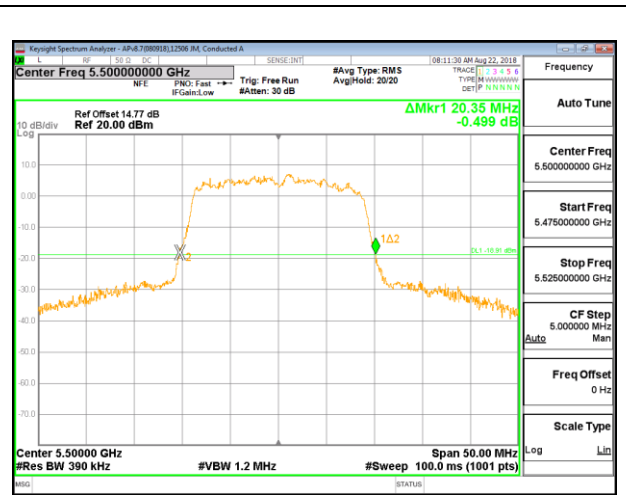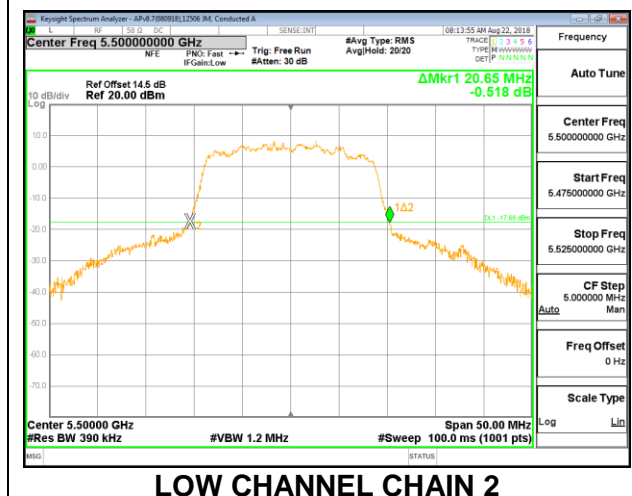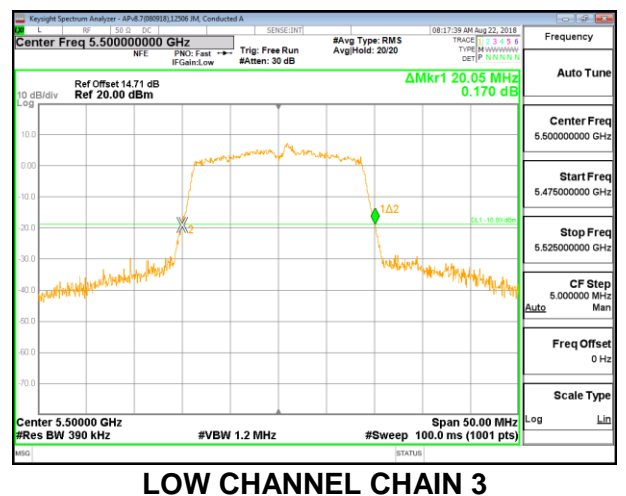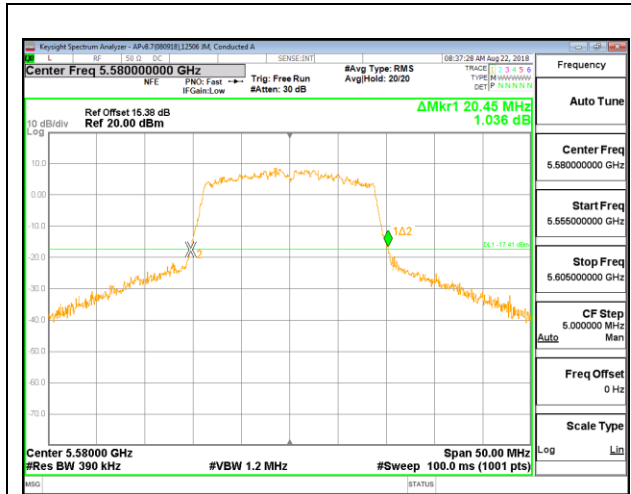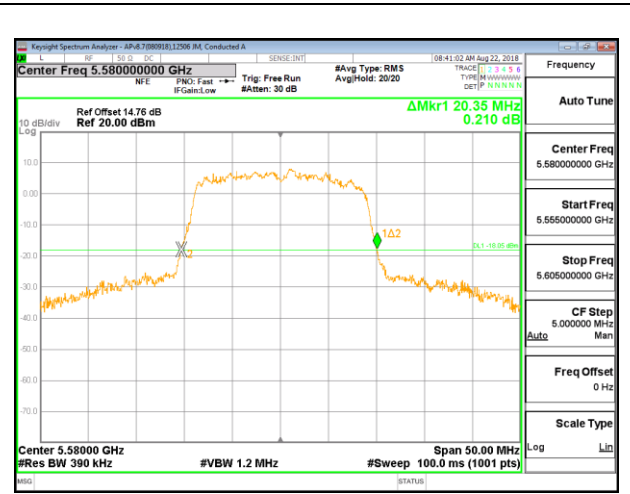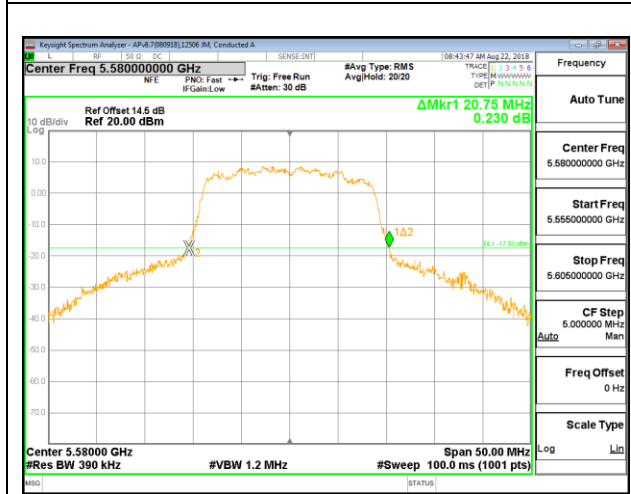
HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

8.2.2.4. 802.11n HT20 MODE IN THE 5.8 GHz BAND

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	26 dB Bandwidth Chain 3 (MHz)
Low	5745	28.65	31.10	29.95	24.75
Mid	5785	29.15	30.95	31.90	27.35
High	5825	34.45	29.65	31.75	27.20

LOW CHANNEL

LOW CHANNEL CHAIN 0

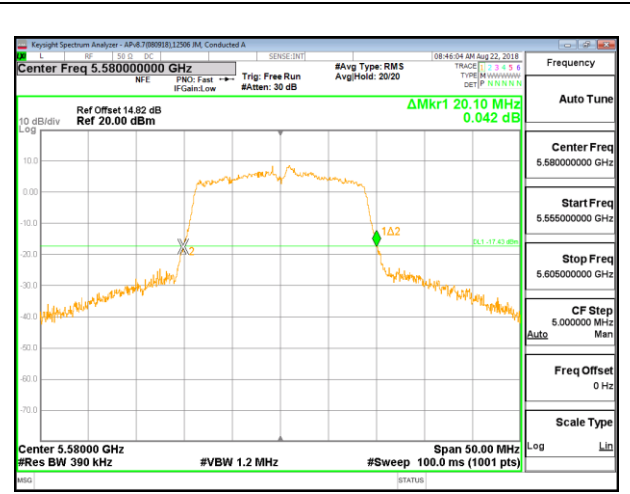LOW CHANNEL CHAIN 1

LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

MID CHANNEL

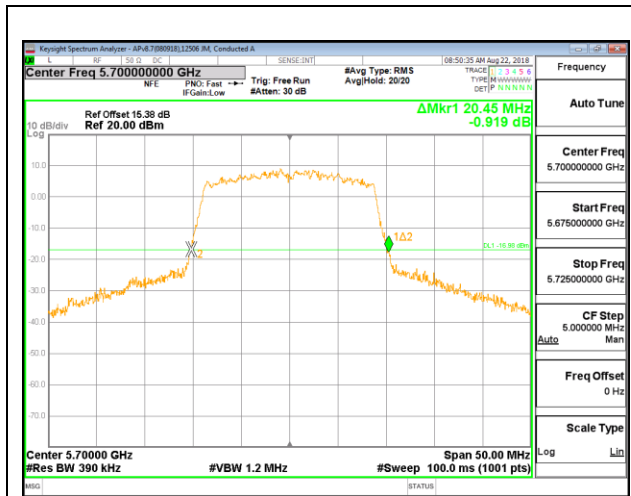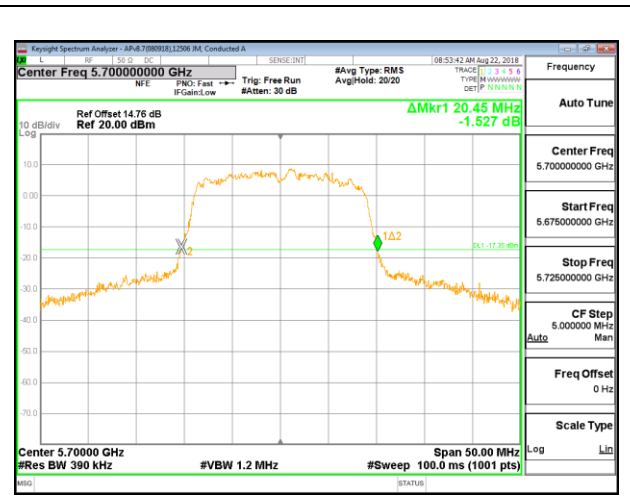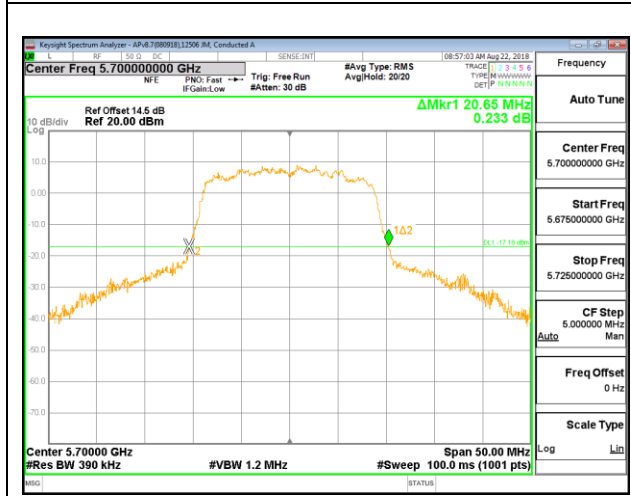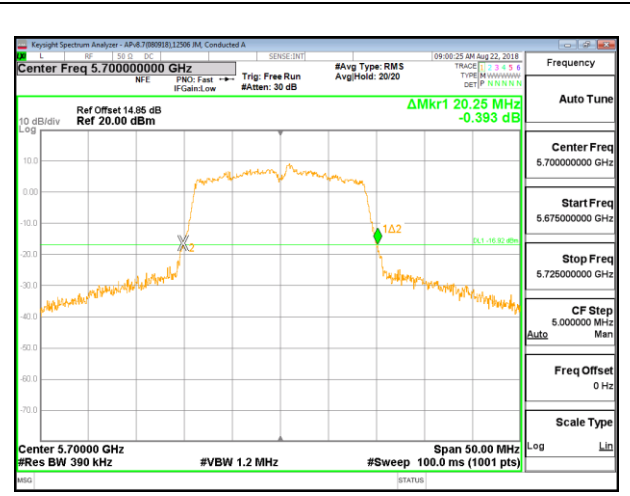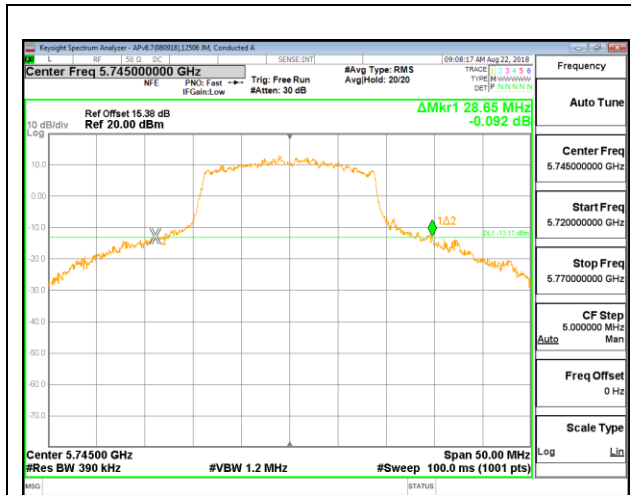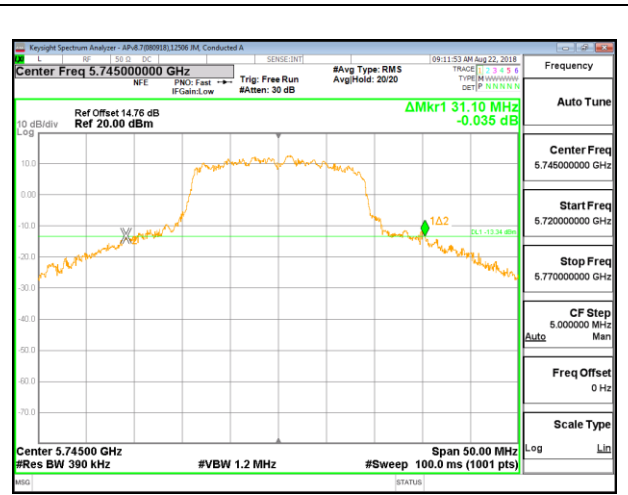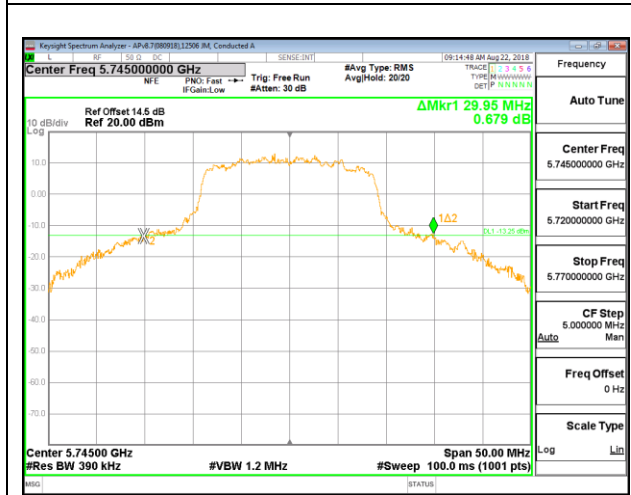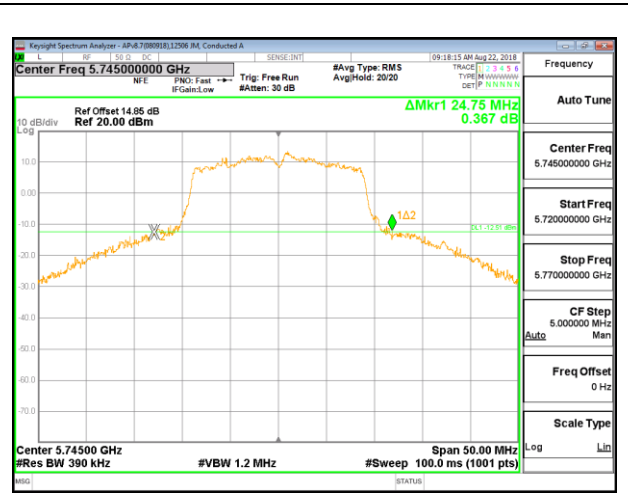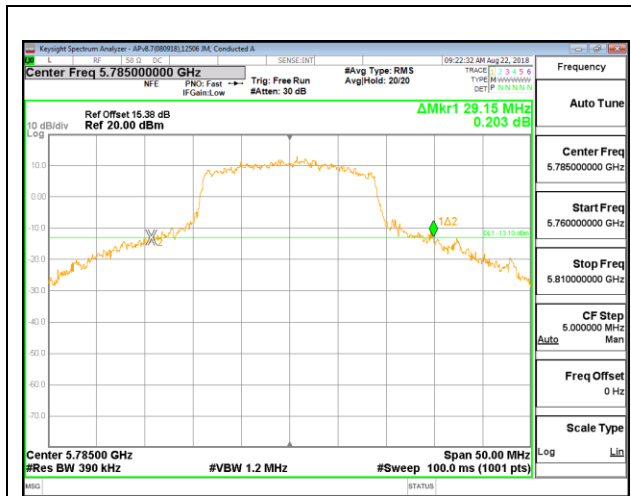

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1
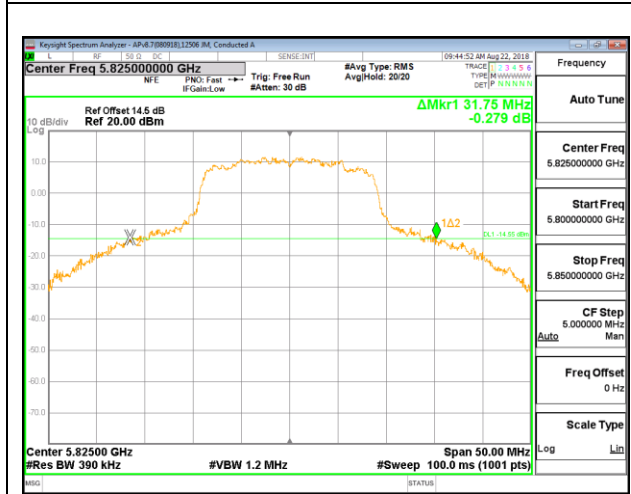
HIGH CHANNEL CHAIN 2
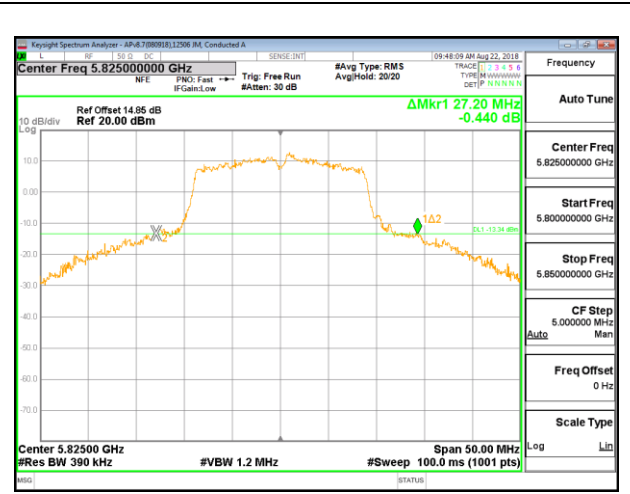
HIGH CHANNEL CHAIN 3

8.3. 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

RESULTS

8.3.1 RADIO 0

8.3.1.1. 802.11a MODE IN THE 5.2 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5180	16.3502	16.4549	16.4457	16.4664
Mid	5200	16.3120	16.3712	16.3615	16.4403
High	5240	16.4173	16.3835	16.4089	16.5384

LOW CHANNEL

LOW CHANNEL CHAIN 0

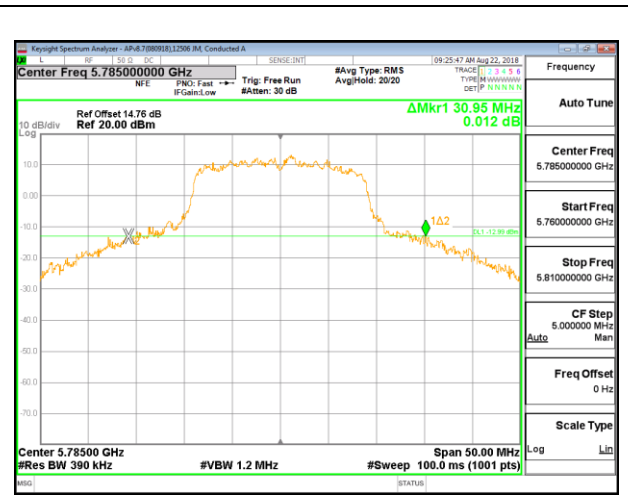**LOW CHANNEL CHAIN 1**

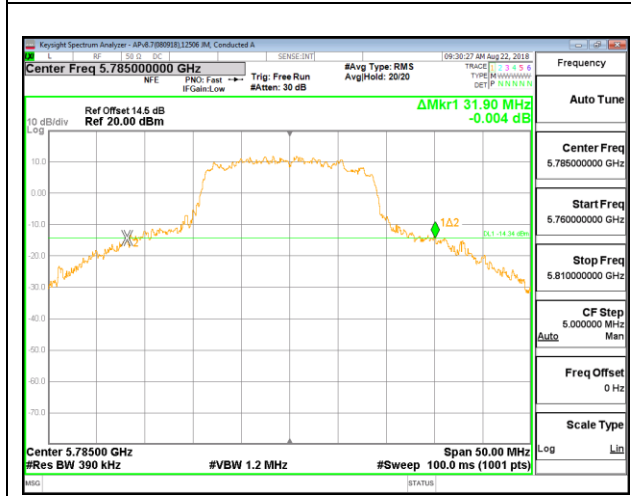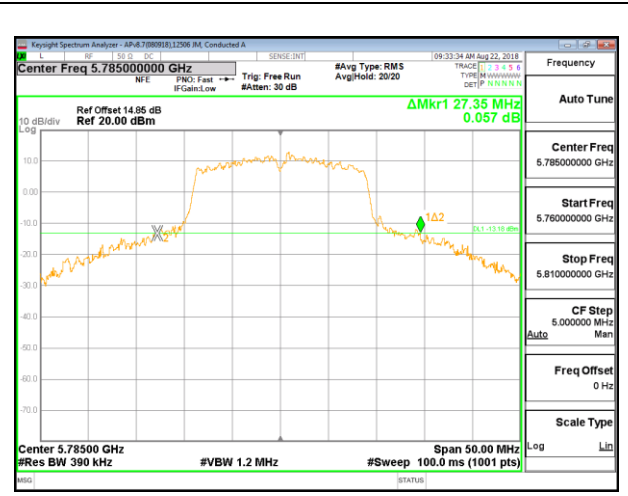**LOW CHANNEL CHAIN 2**

LOW CHANNEL CHAIN 3

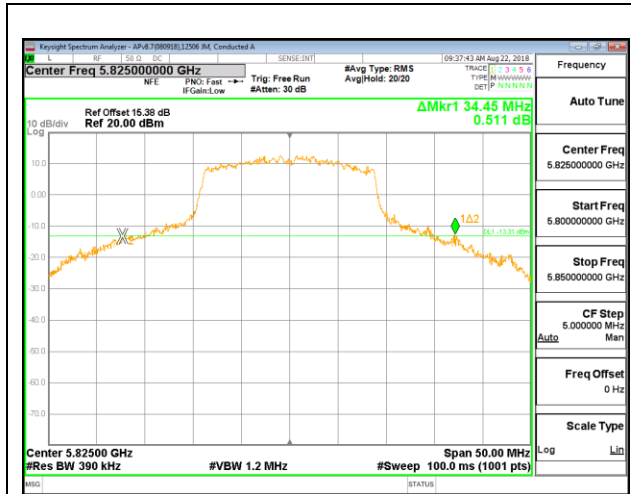# MID CHANNEL

MID CHANNEL CHAIN 0
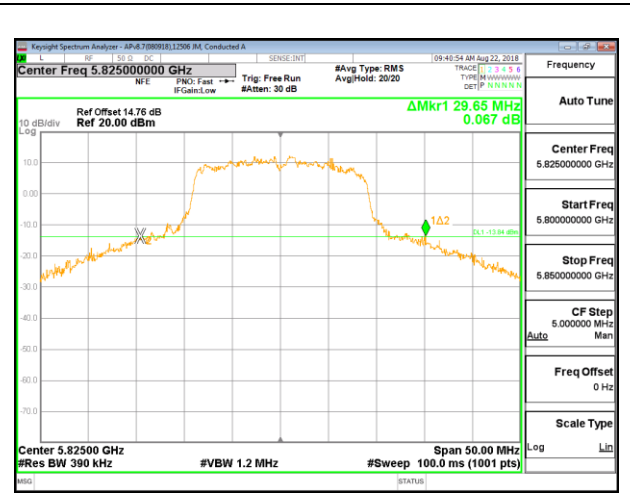

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA　　　　TEL:(510) 771-1000　　　FAX:(510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

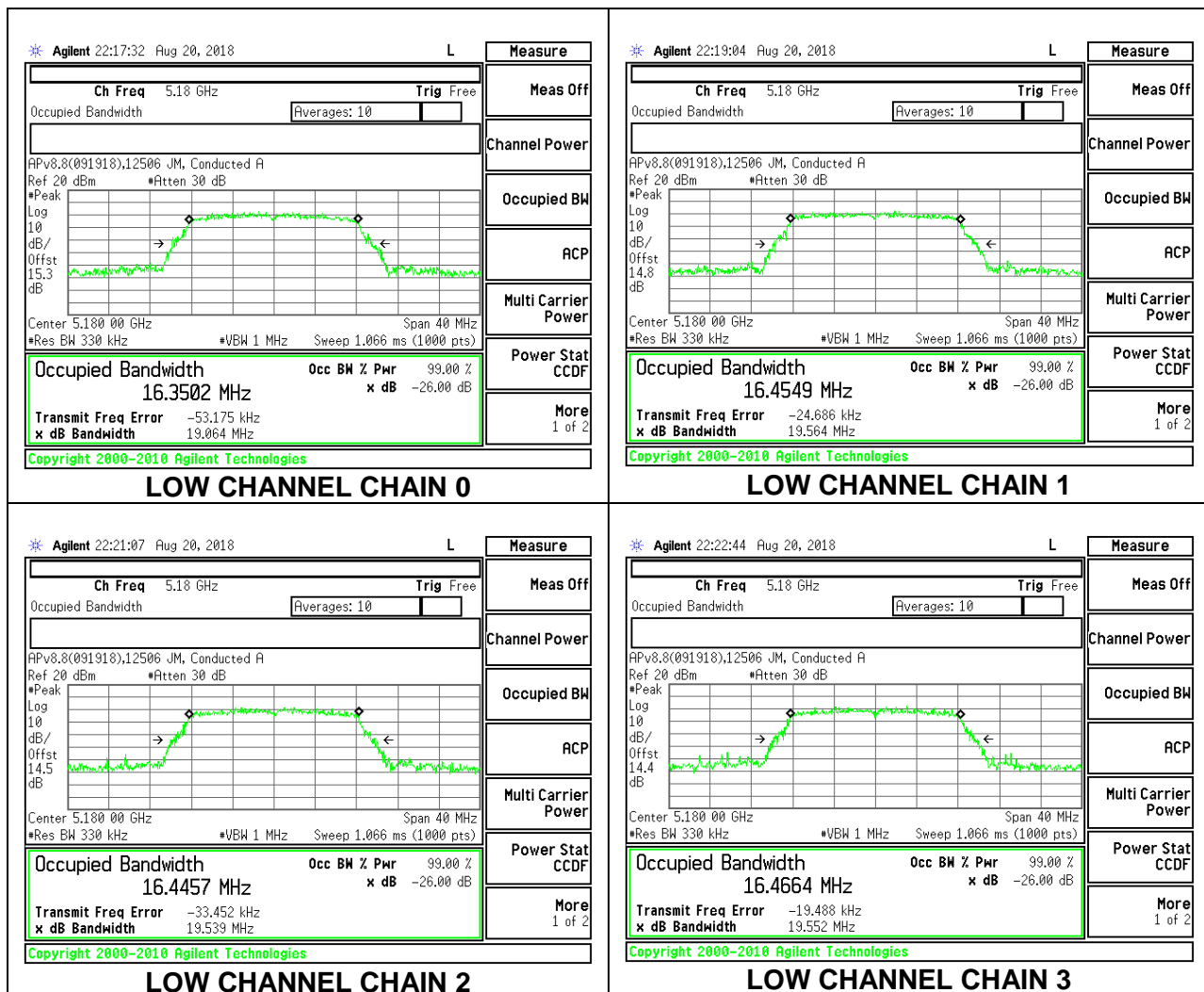HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2
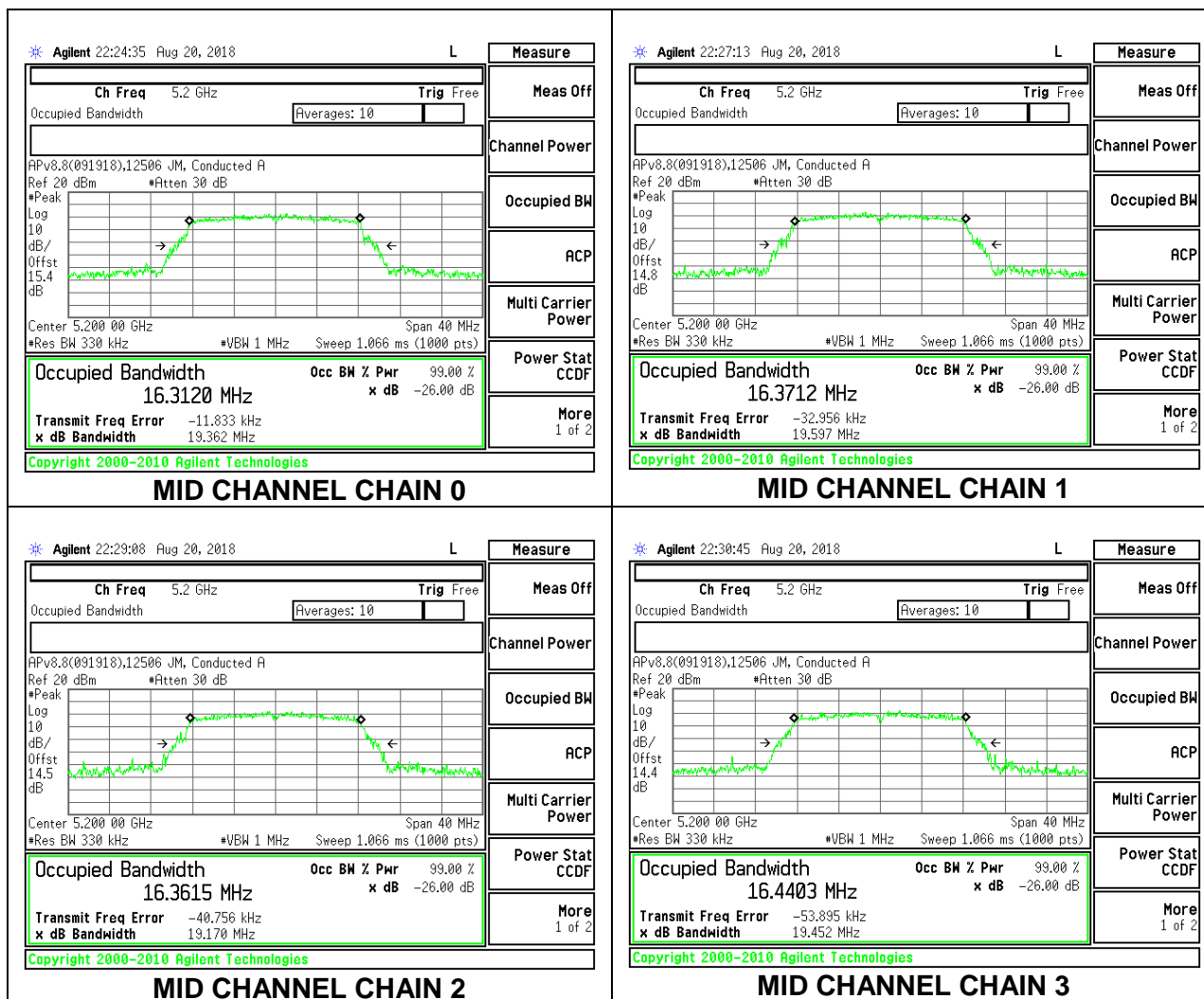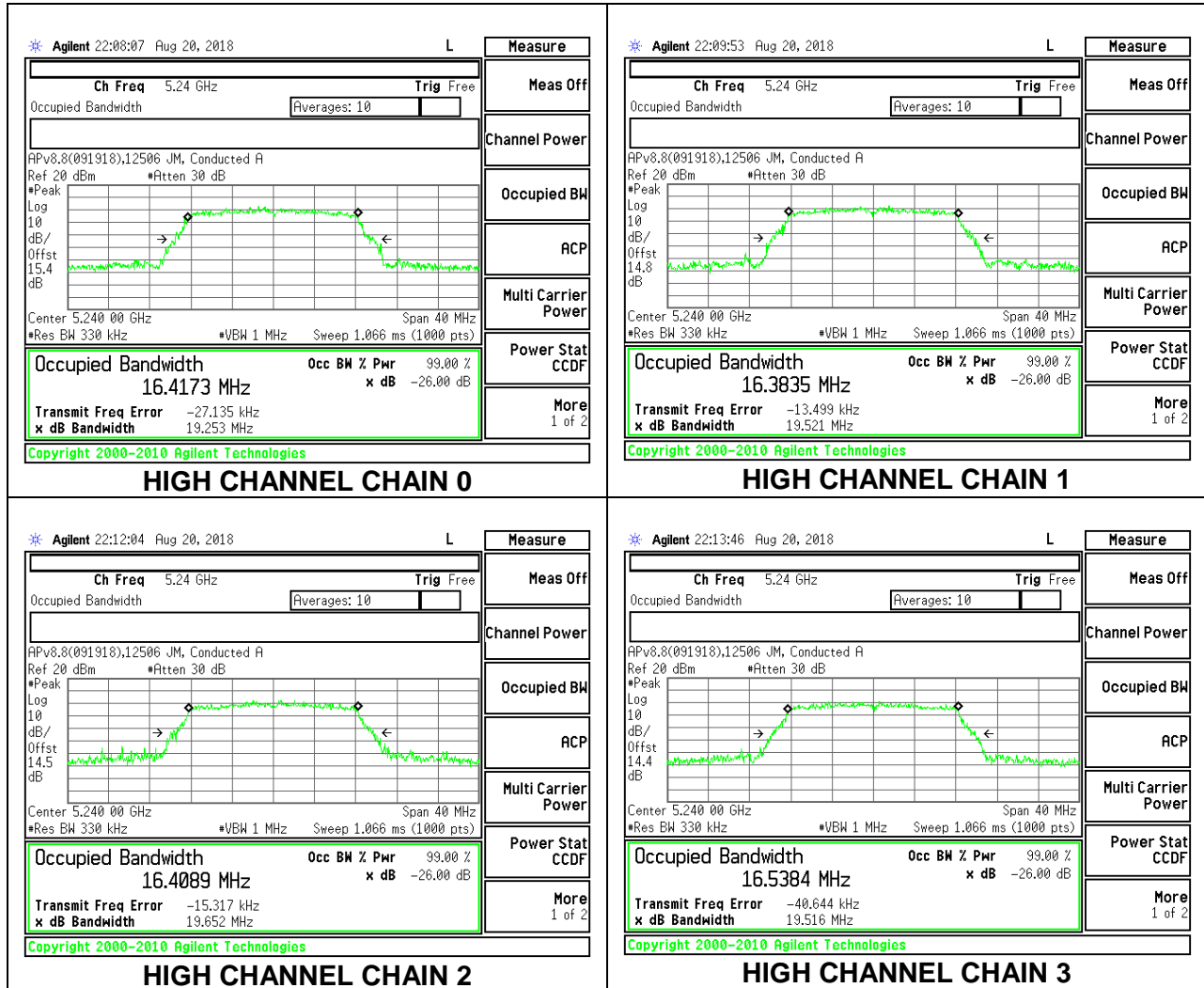

HIGH CHANNEL CHAIN 3

8.3.1.2.   802.11a MODE IN THE 5.3 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5260	16.3502	16.4153	16.3768	16.4712
Mid	5300	16.3961	16.3882	16.3464	16.4141
High	5320	16.3505	16.4217	16.3991	16.5075

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA   TEL:(510) 771-1000   FAX:(510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.
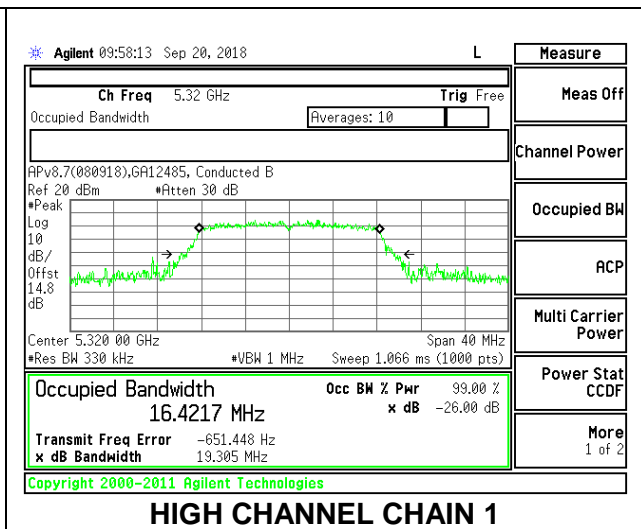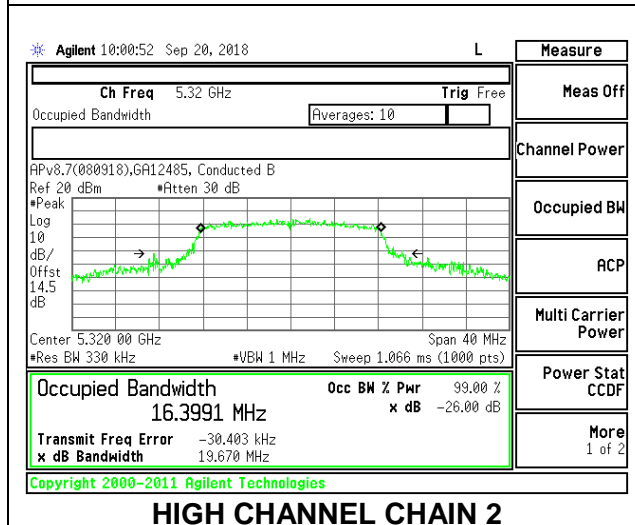
HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA   TEL:(510) 771-1000   FAX:(510) 661-0888
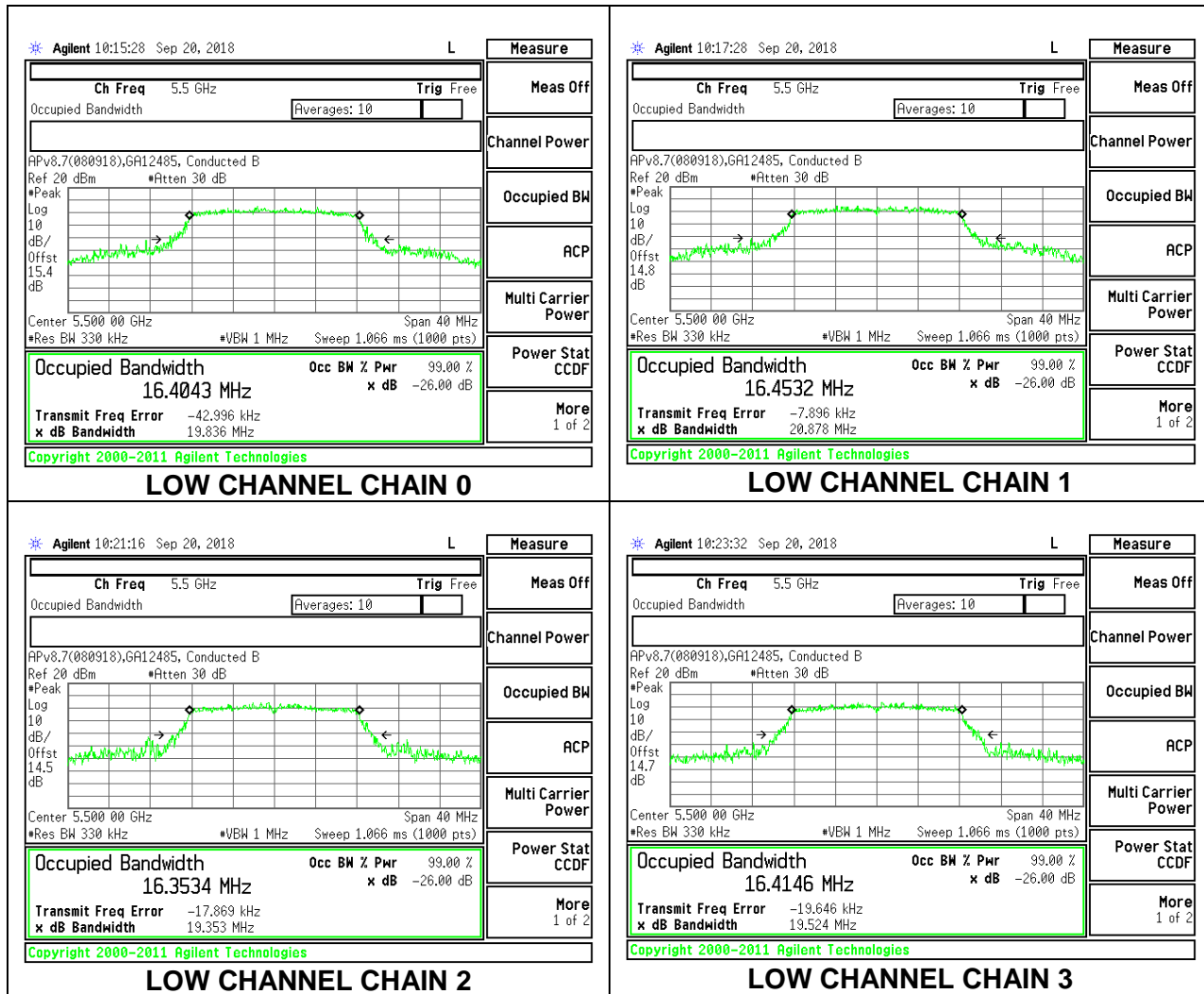*This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.*
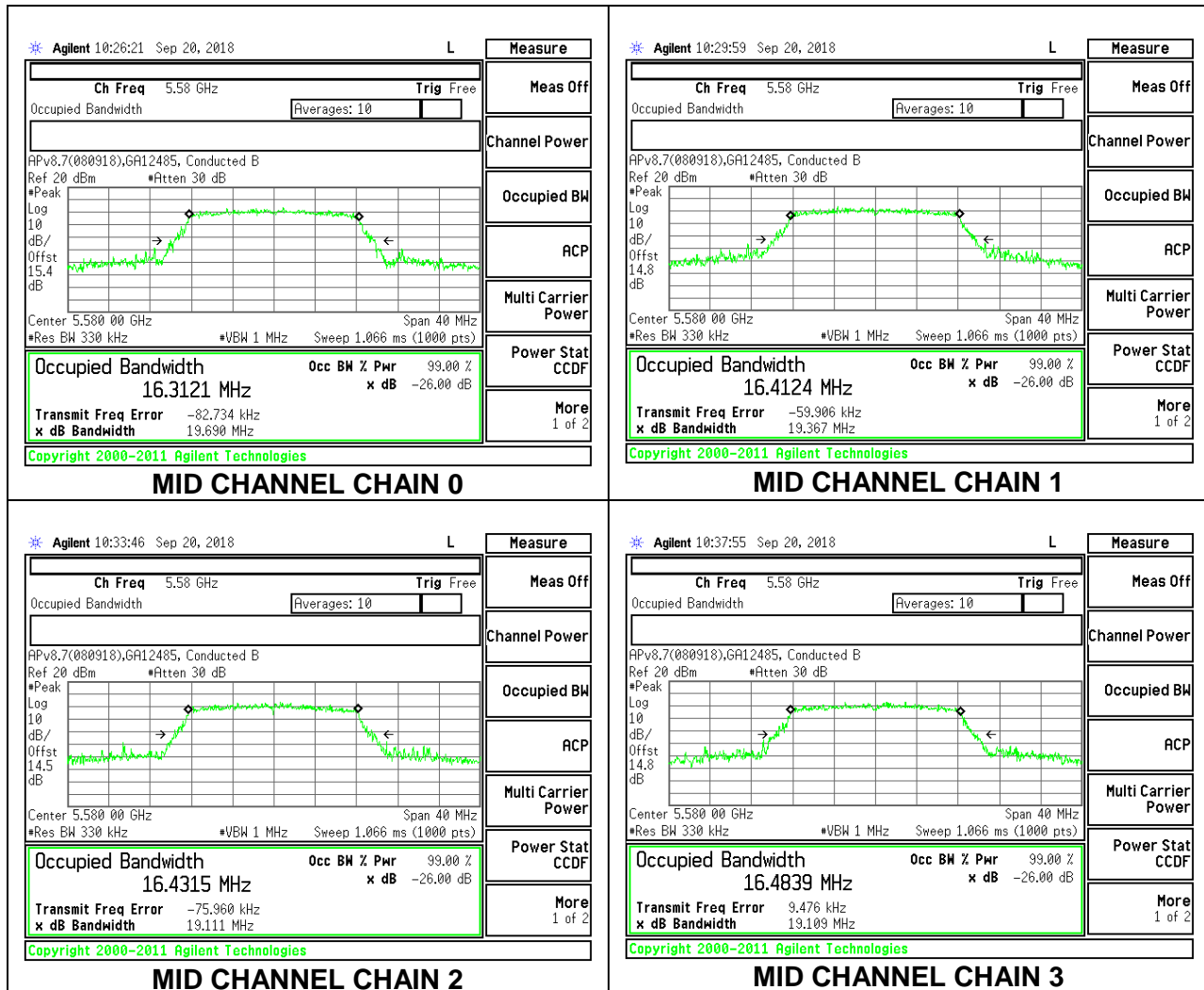
8.3.1.3.   802.11a MODE IN THE 5.6 GHz BAND

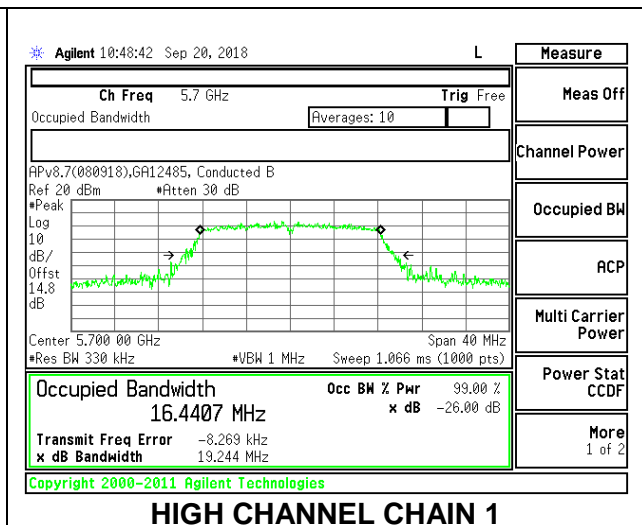| Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5500	16.4043	16.4532	16.3534	16.4146
Mid	5580	16.3121	16.4124	16.4315	16.4839
High	5700	16.3450	16.4407	16.4502	16.4370

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA   TEL:(510) 771-1000   FAX:(510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.
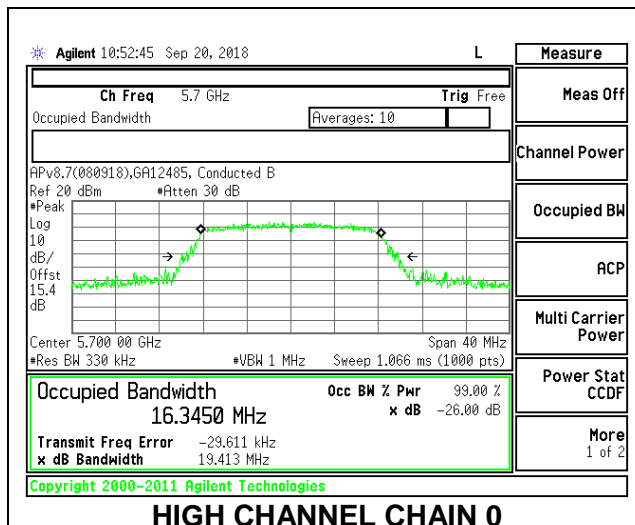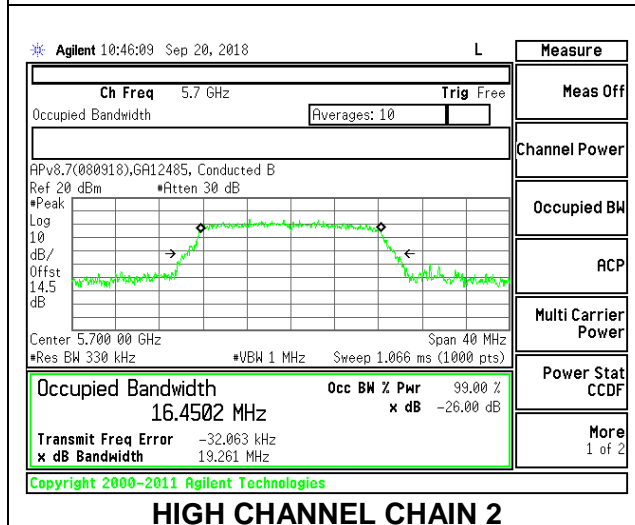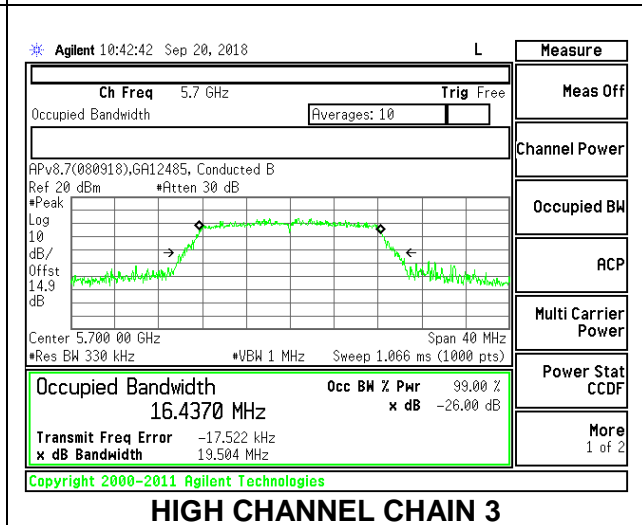
HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

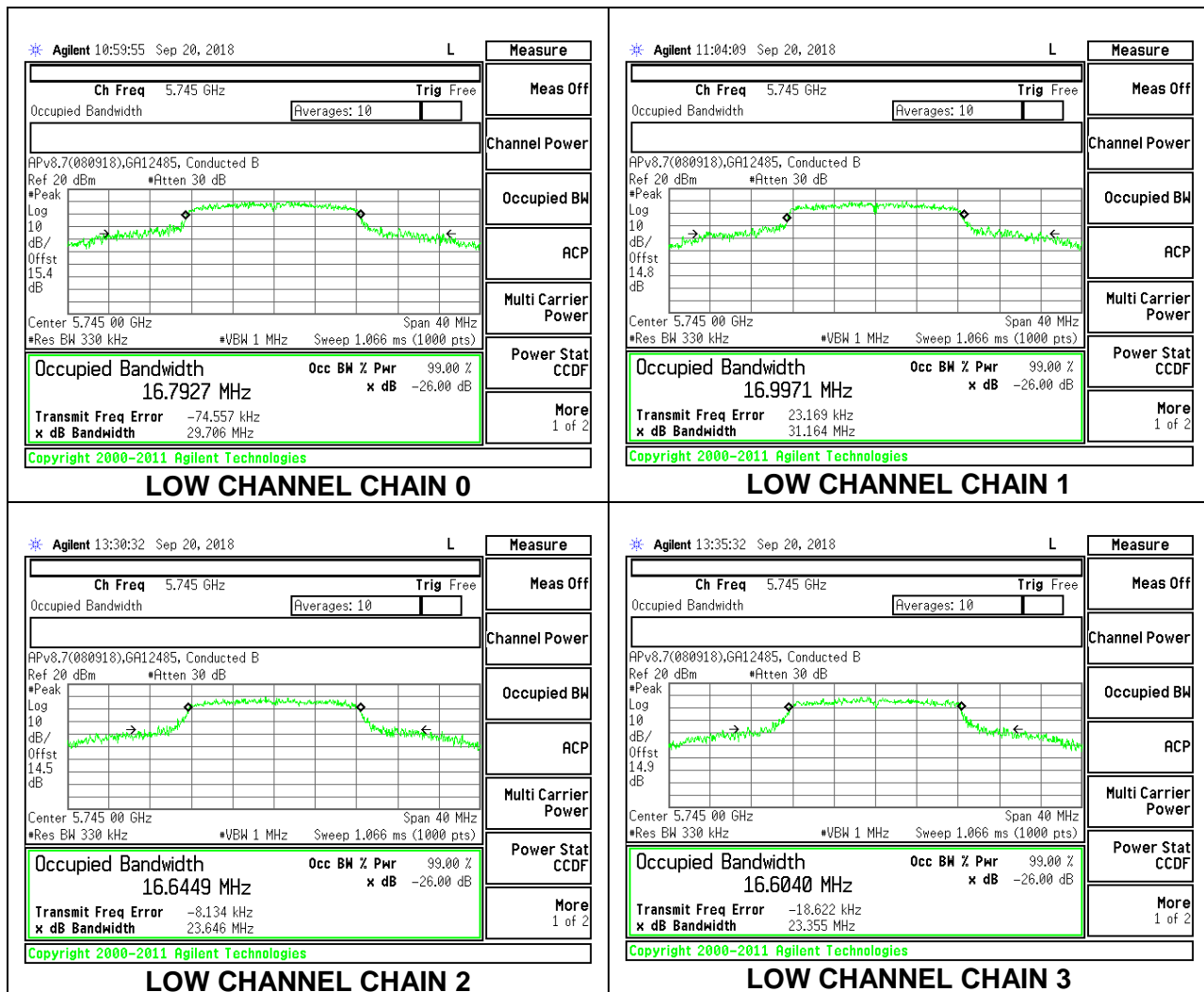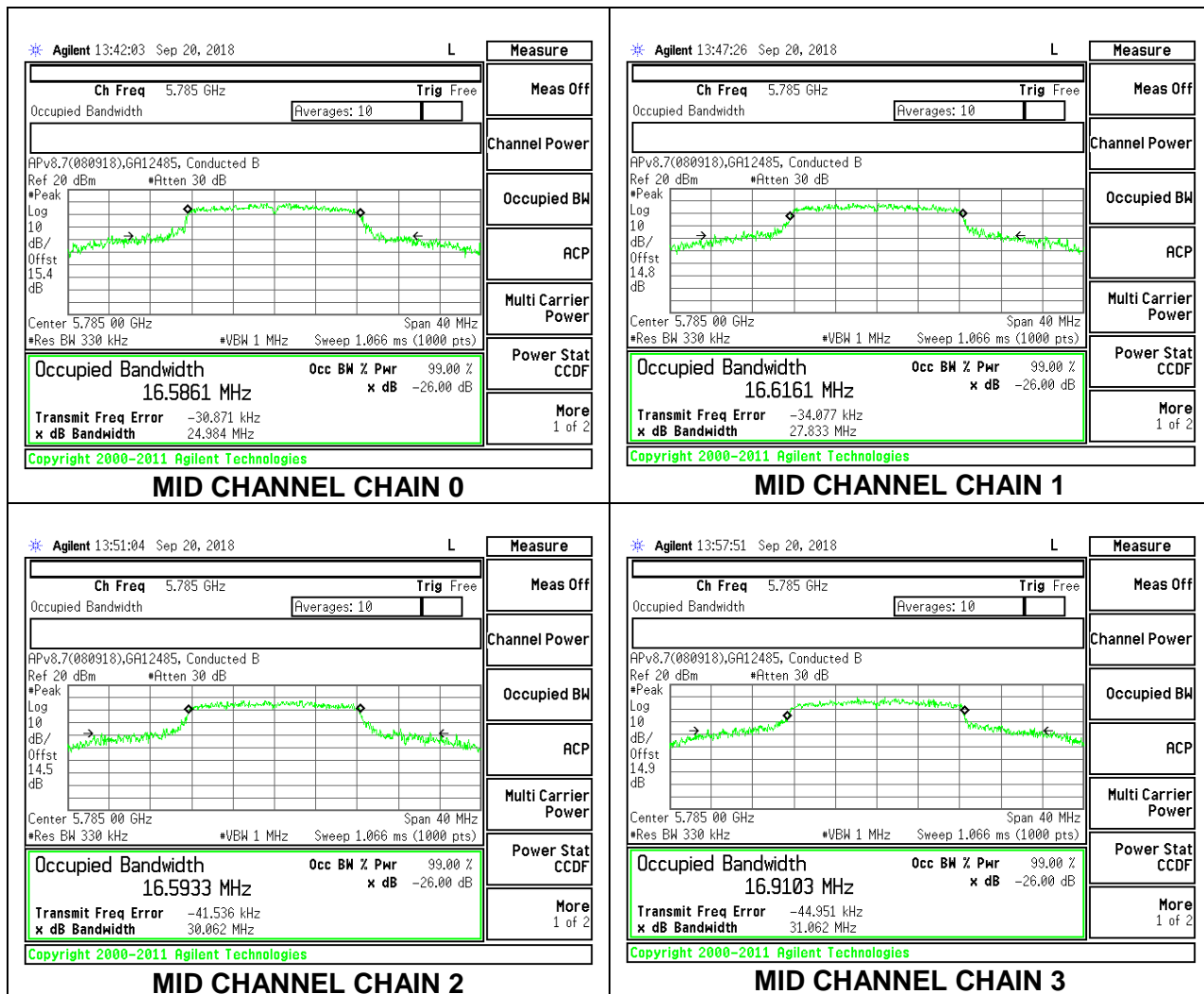**HIGH CHANNEL CHAIN 2**

HIGH CHANNEL CHAIN 3

8.3.1.4.   802.11a MODE IN THE 5.8 GHz BAND

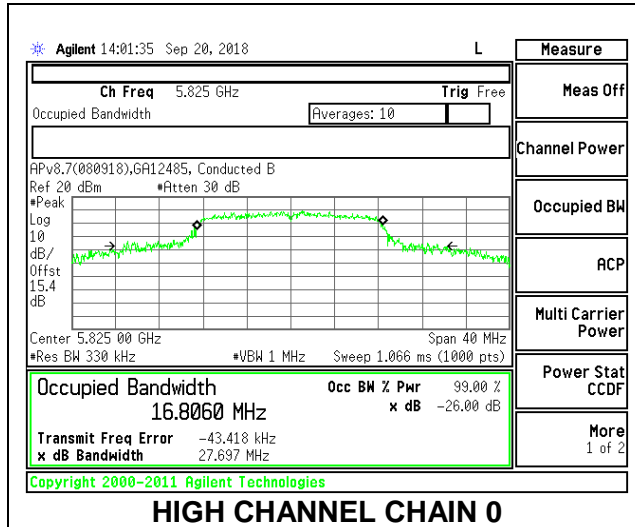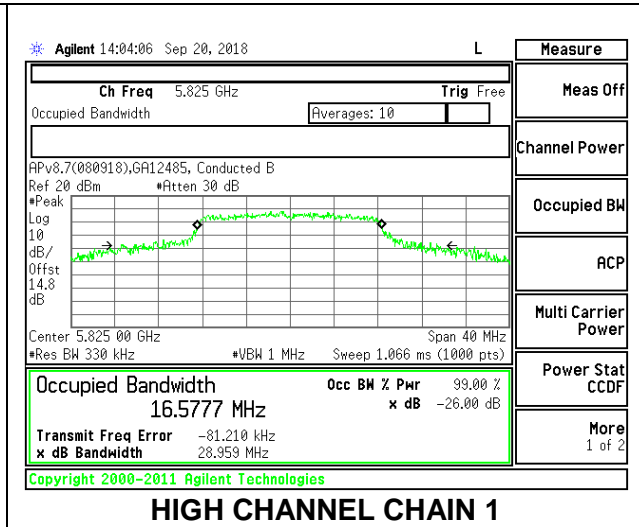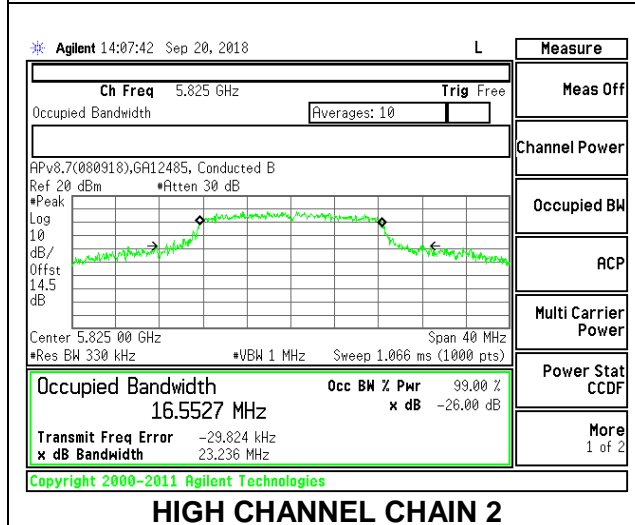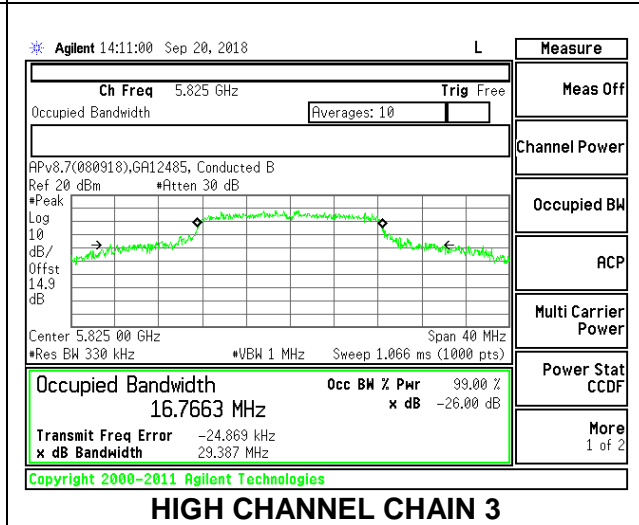| Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5745	16.7927	16.9971	16.6449	16.6040
Mid	5785	16.5861	16.6161	16.5933	16.9103
High	5825	16.8060	16.5777	16.5527	16.7663

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA   TEL:(510) 771-1000   FAX:(510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2
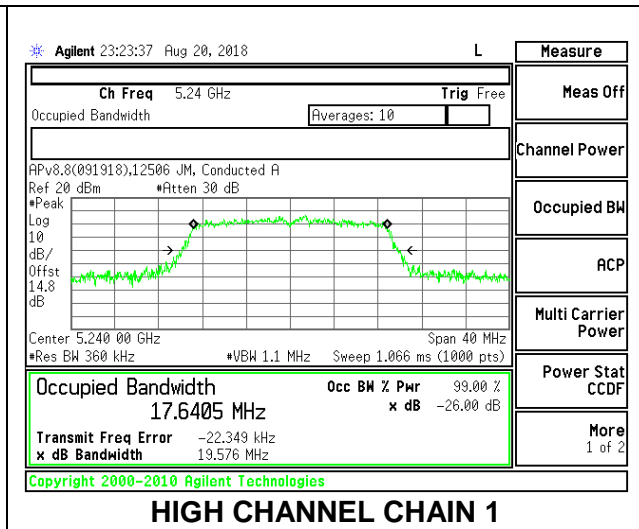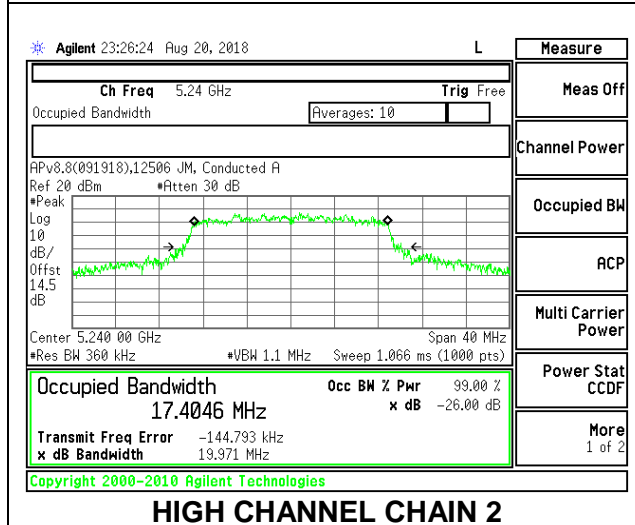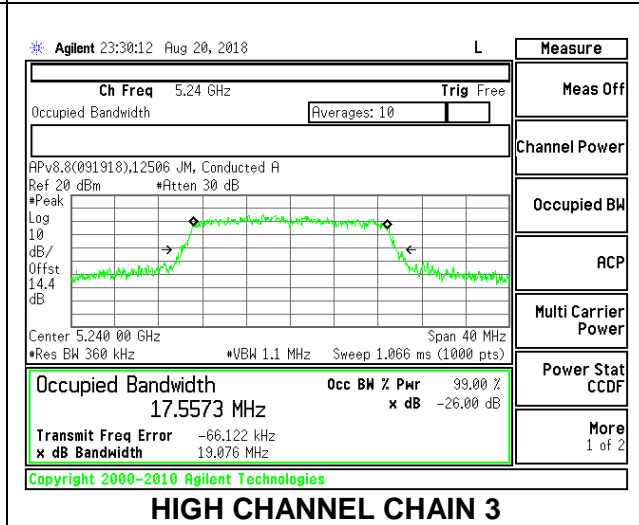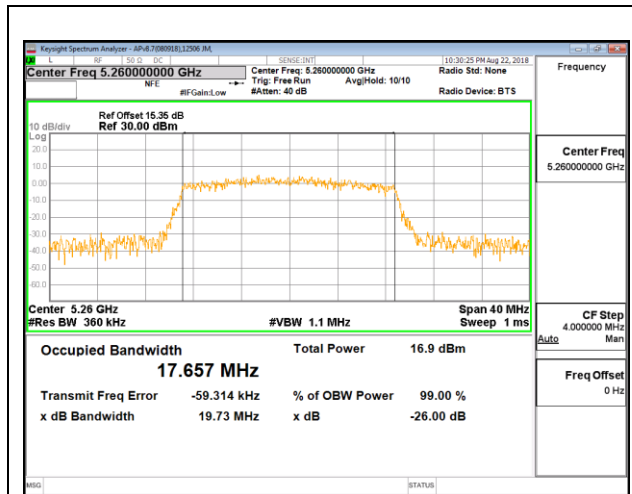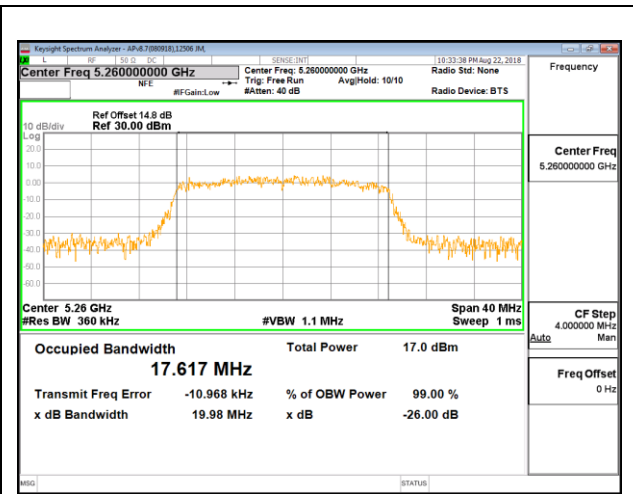

HIGH CHANNEL CHAIN 3

8.3.1.5. 802.11n HT20 MODE IN THE 5.2 GHz BAND

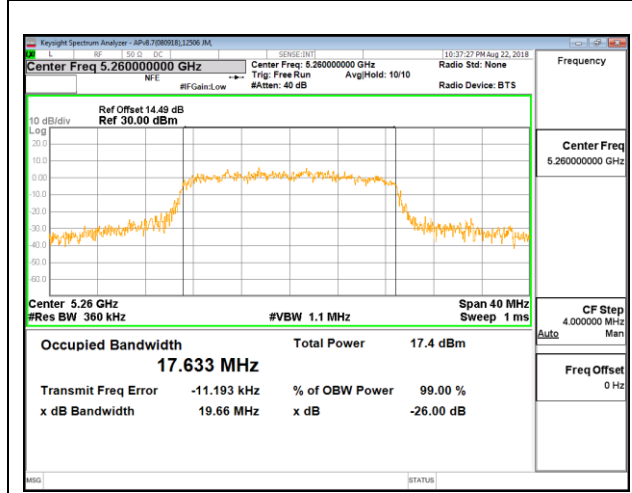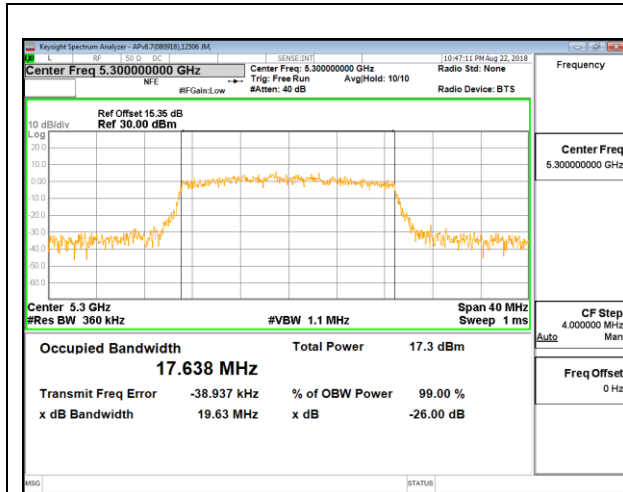| Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5180	17.5278	17.5776	17.5315	17.5377
Mid	5200	17.3753	17.3480	17.2221	17.5513
High	5240	17.5567	17.6405	17.4046	17.5573

LOW CHANNEL

LOW CHANNEL CHAIN 0

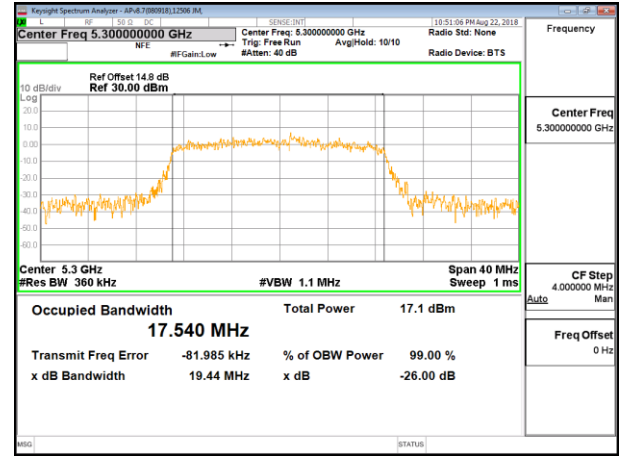**LOW CHANNEL CHAIN 1**

LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538; USA   TEL:(510) 771-1000   FAX:(510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

8.3.1.6. 802.11n HT20 MODE IN THE 5.3 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5260	17.6570	17.6170	17.6330	17.5660
Mid	5300	17.6380	17.5400	17.5440	17.6210
High	5320	17.6100	17.5170	17.6420	17.5880

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

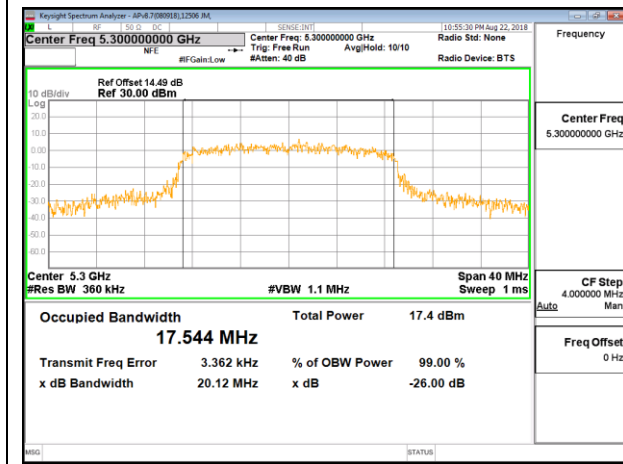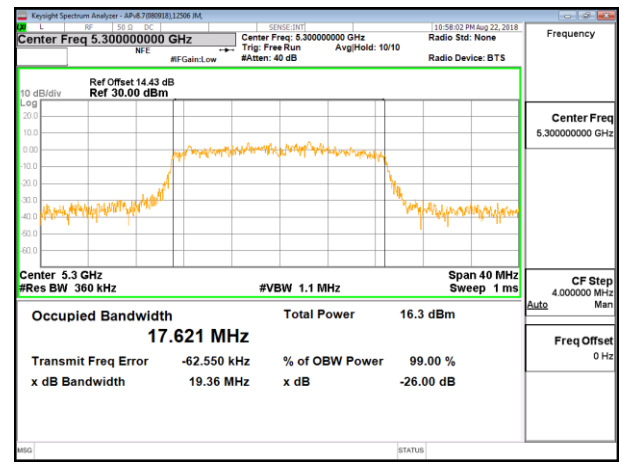**LOW CHANNEL CHAIN 2**

LOW CHANNEL CHAIN 3
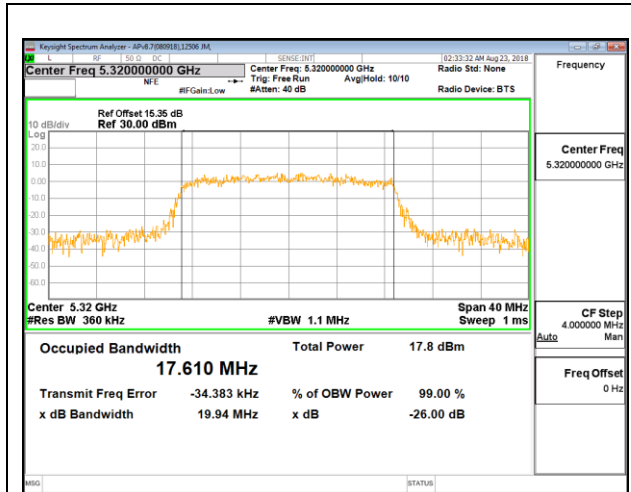
MID CHANNEL

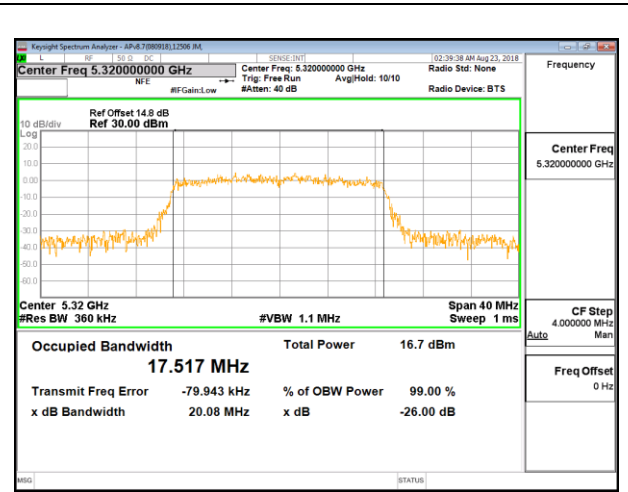**MID CHANNEL CHAIN 0**

MID CHANNEL CHAIN 1

MID CHANNEL CHAIN 2
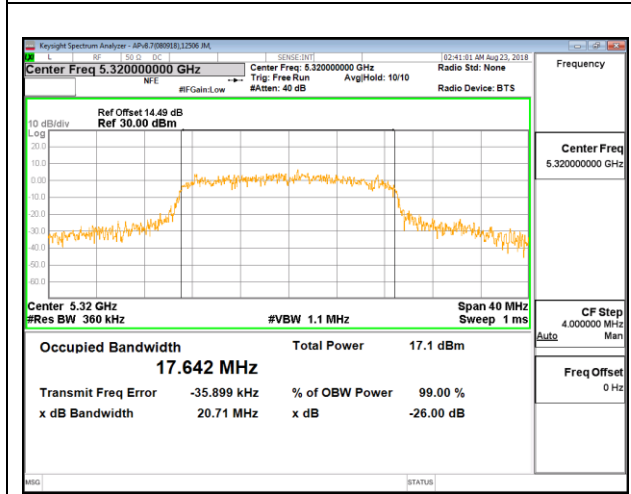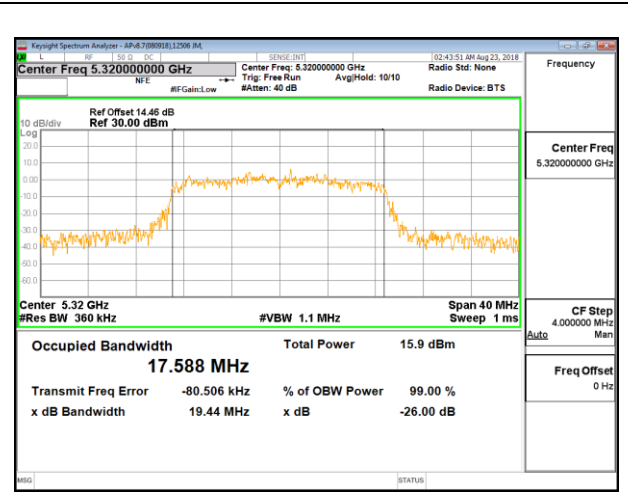

MID CHANNEL CHAIN 3

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3