LOW CHANNEL 1

| LOW CHANNEL 1 CHAIN 0 | LOW CHANNEL 1 CHAIN 1 |

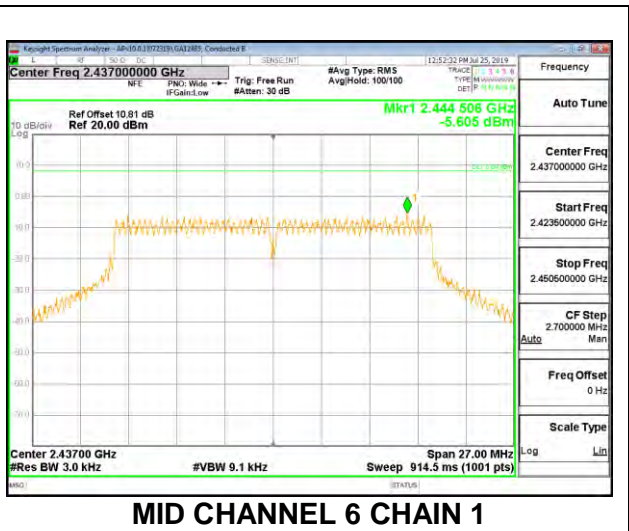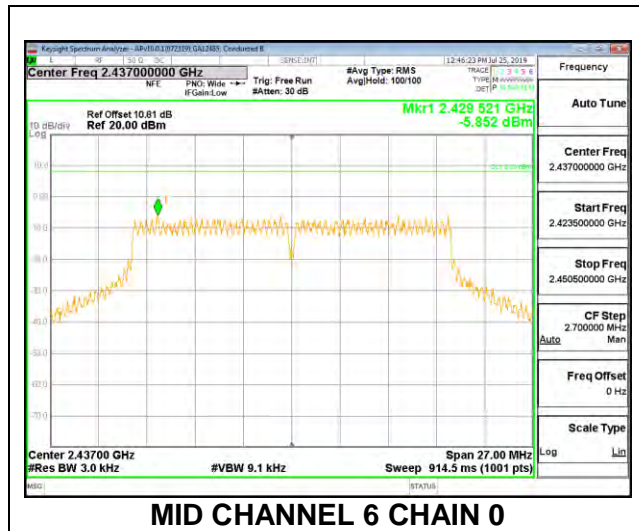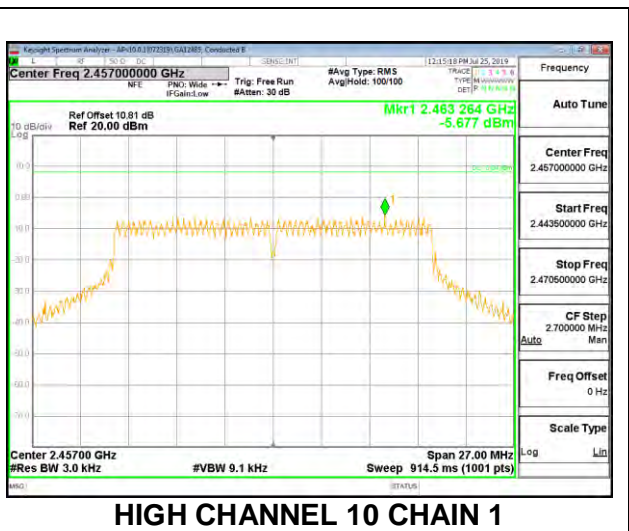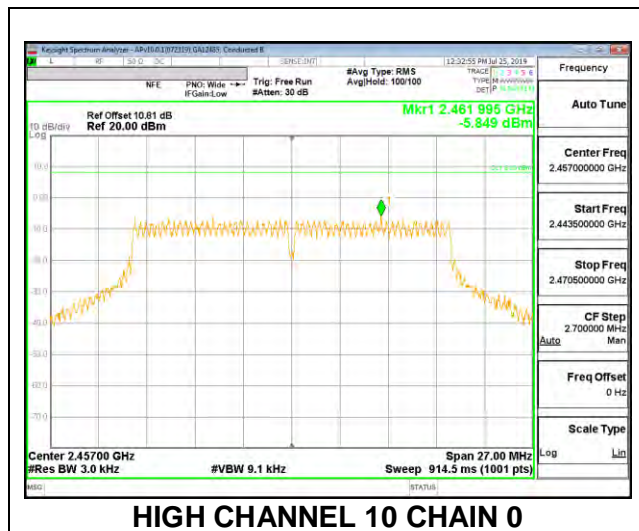# LOW CHANNEL 2

| LOW CHANNEL 2 CHAIN 0 | LOW CHANNEL 2 CHAIN 1 |

MID CHANNEL 6

MID CHANNEL 6 CHAIN 0

MID CHANNEL 6 CHAIN 1

HIGH CHANNEL 10

HIGH CHANNEL 10 CHAIN 0

HIGH CHANNEL 10 CHAIN 1
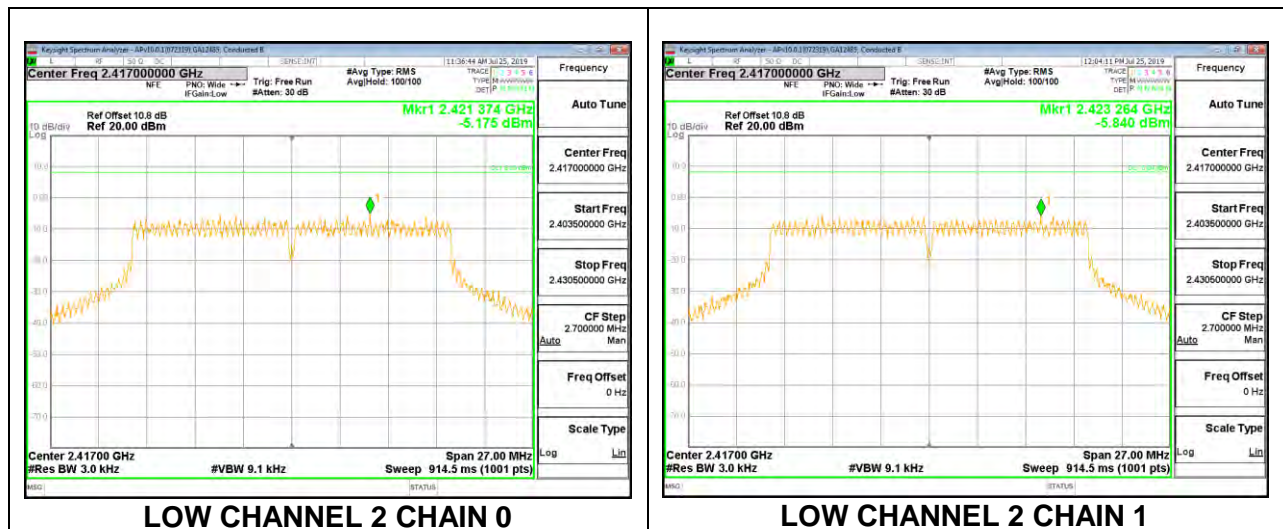
HIGH CHANNEL 11

HIGH CHANNEL 11 CHAIN 0	HIGH CHANNEL 11 CHAIN 1
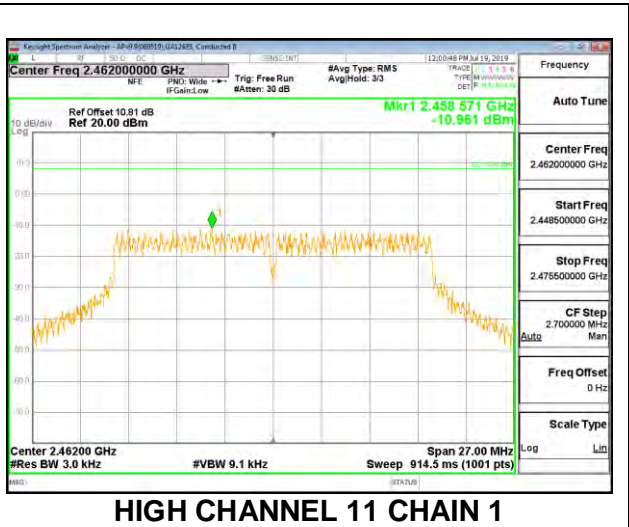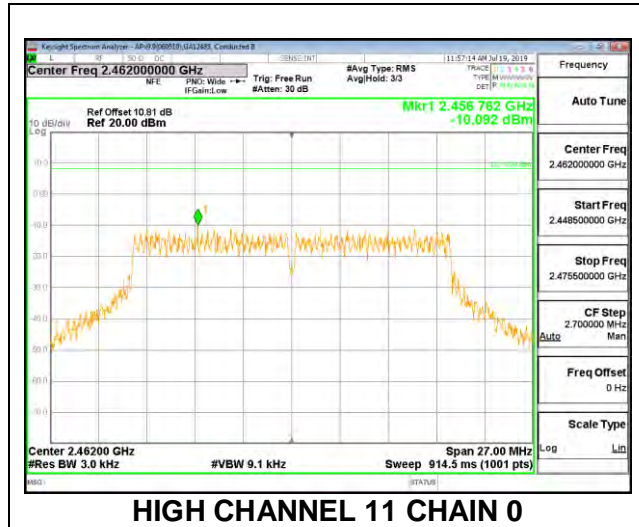
HIGH CHANNEL 12

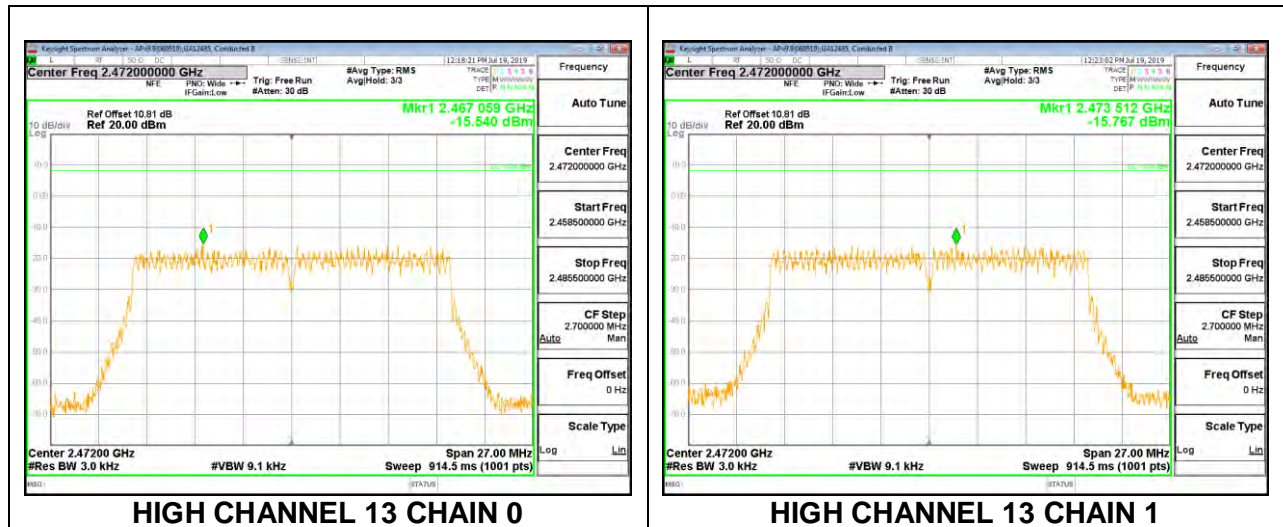| HIGH CHANNEL 12 CHAIN 0	HIGH CHANNEL 12 CHAIN 1

HIGH CHANNEL 13

HIGH CHANNEL 13 CHAIN 0
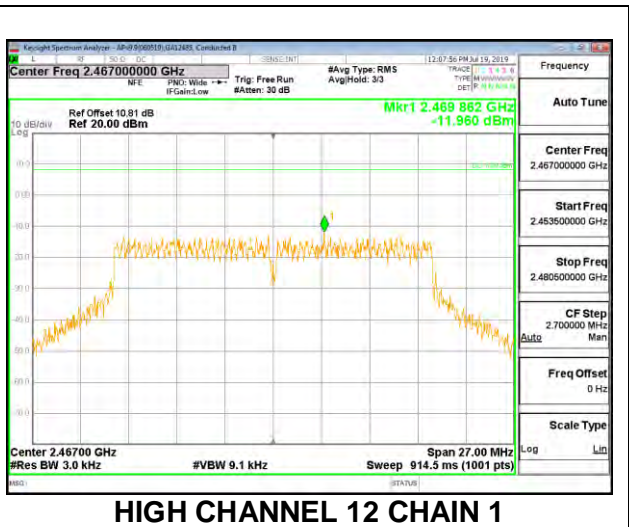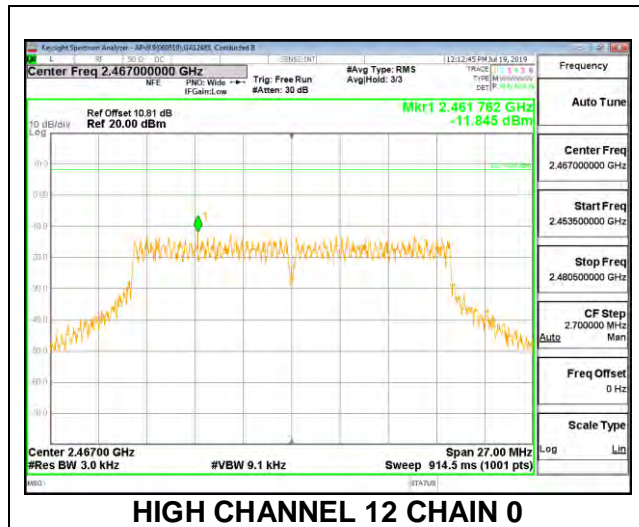
HIGH CHANNEL 13 CHAIN 1

8.6.4. 802.11n HT40 MODE

2TX Chain 0 + Chain 1 SDM MODE

| Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD

PSD Results

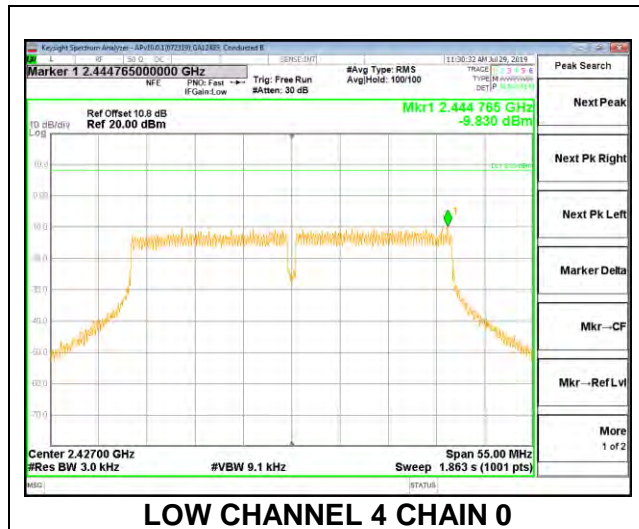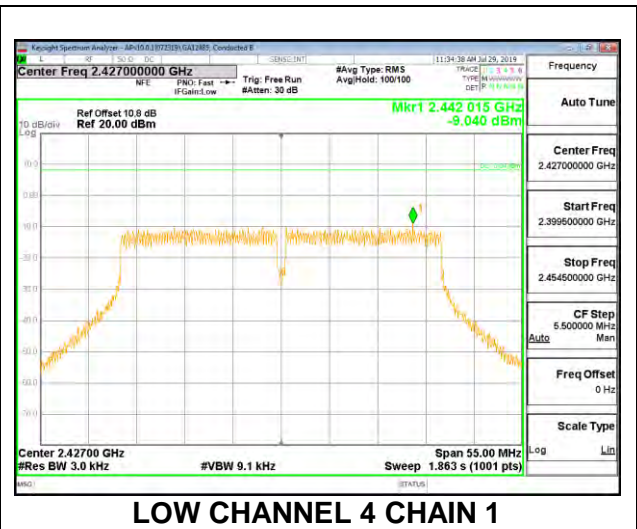| Channel	Frequency (MHz)	Chain 0 Meas (dBm/ 3kHz)	Chain 1 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-10.16	-9.96	-7.05	8.0	-15.0
Low 4	2427	-9.83	-9.04	-6.41	8.0	-14.4
Mid 6	2437	-8.72	-8.89	-5.79	8.0	-13.8
High 7	2442	-9.95	-9.71	-6.81	8.0	-14.8
High 8	2447	-10.71	-10.66	-7.67	8.0	-15.7
High 9	2452	-12.17	-12.08	-9.11	8.0	-17.1
High 10	2457	-12.65	-12.43	-9.53	8.0	-17.5
High 11	2462	-12.01	-12.08	-9.04	8.0	-17.0

LOW CHANNEL 3
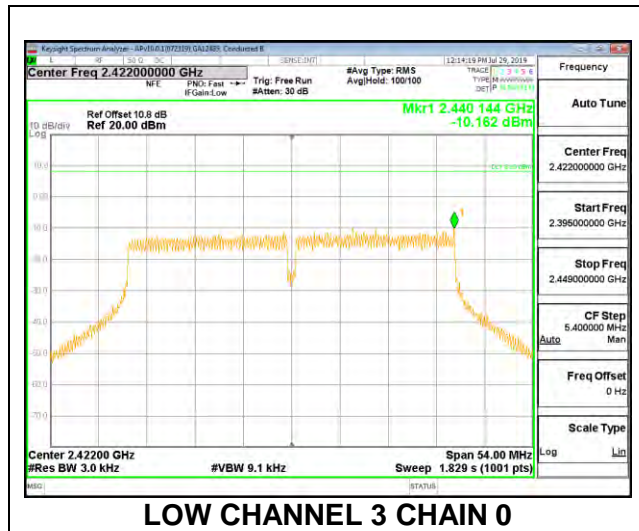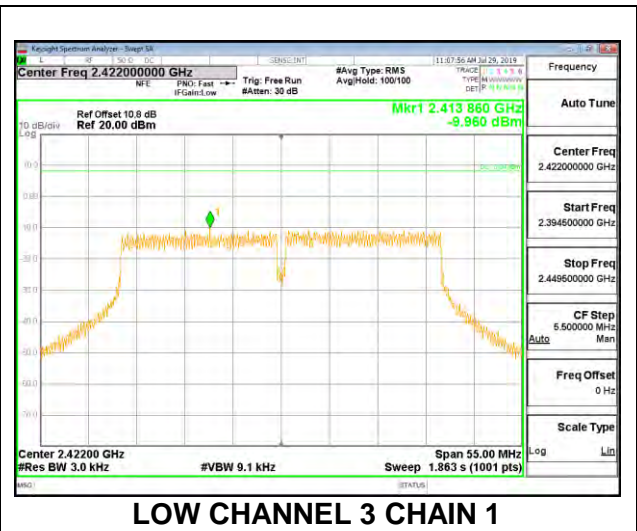
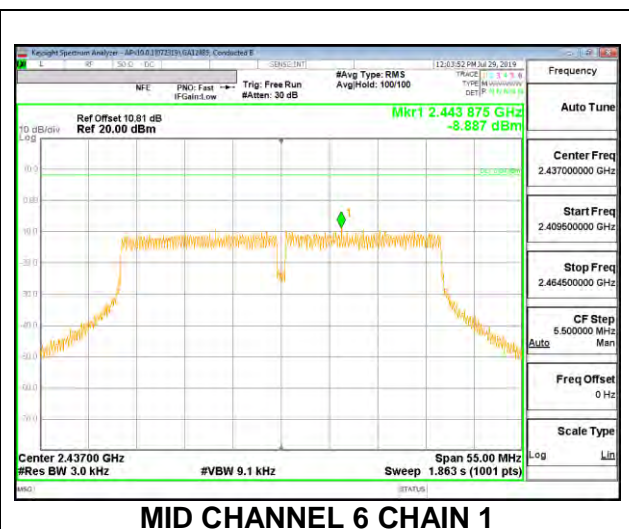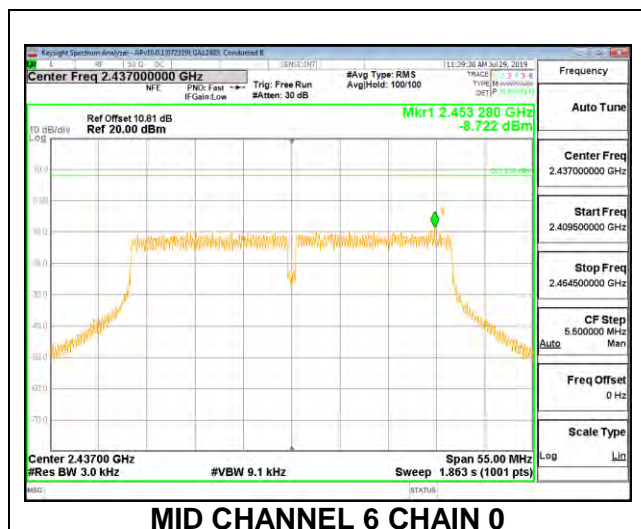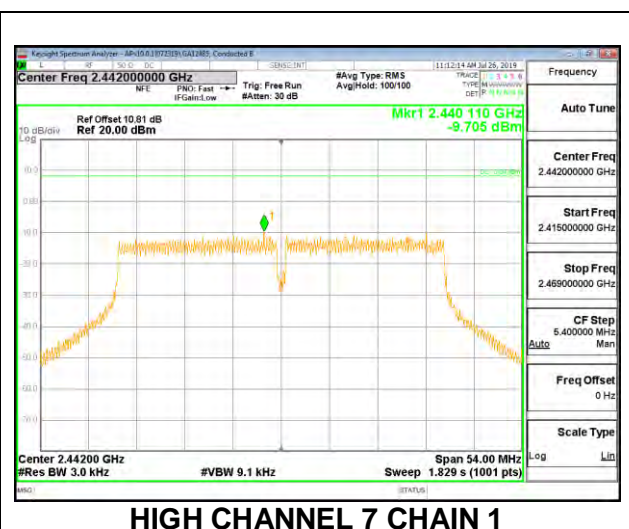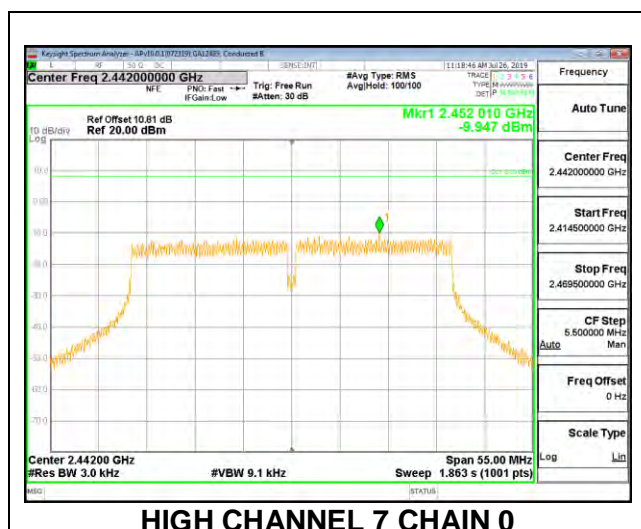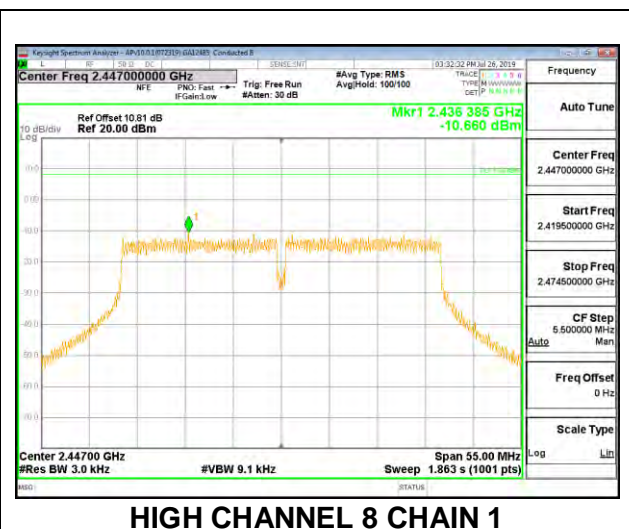| LOW CHANNEL 3 CHAIN 0 | LOW CHANNEL 3 CHAIN 1 |

LOW CHANNEL 4

| LOW CHANNEL 4 CHAIN 0 | LOW CHANNEL 4 CHAIN 1 |

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MID CHANNEL 6

| MID CHANNEL 6 CHAIN 0 | MID CHANNEL 6 CHAIN 1 |

HIGH CHANNEL 7

| HIGH CHANNEL 7 CHAIN 0 | HIGH CHANNEL 7 CHAIN 1 |

HIGH CHANNEL 8

| HIGH CHANNEL 8 CHAIN 0 | HIGH CHANNEL 8 CHAIN 1 |
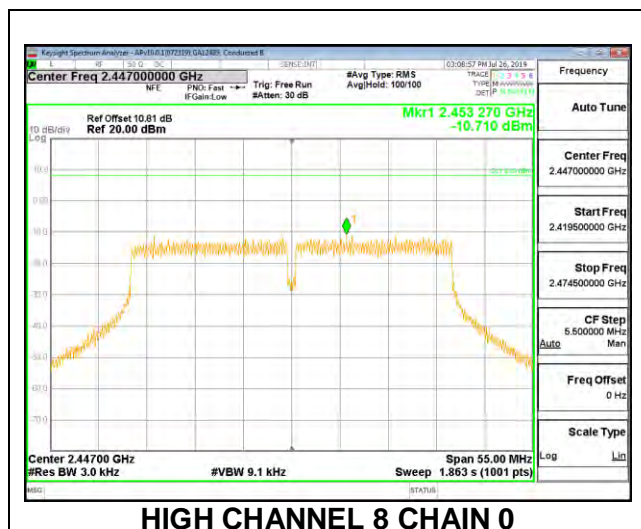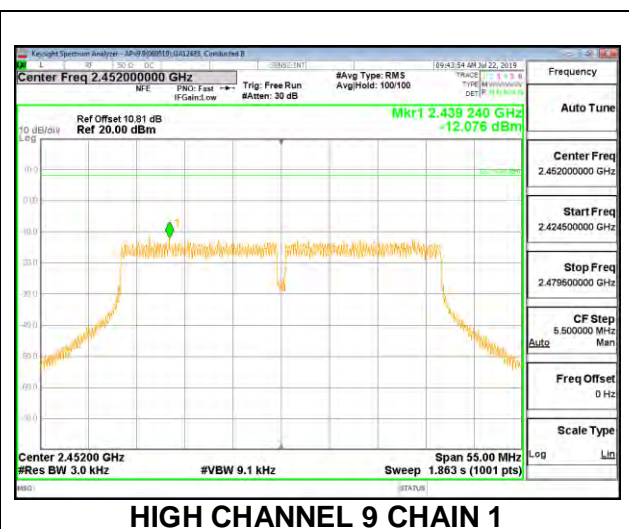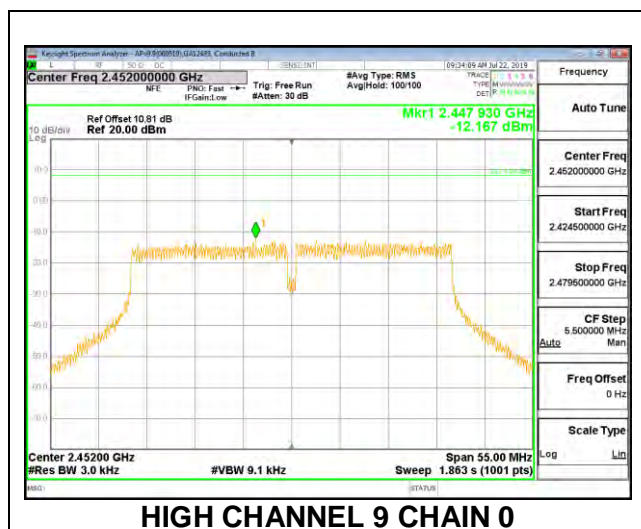
HIGH CHANNEL 9

| HIGH CHANNEL 9 CHAIN 0 | HIGH CHANNEL 9 CHAIN 1 |
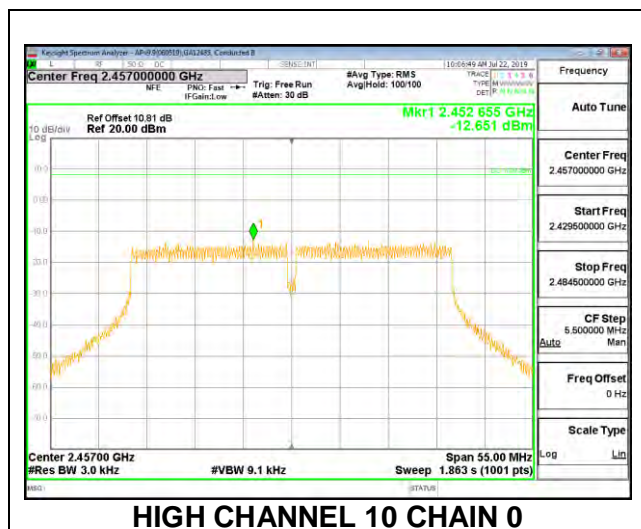
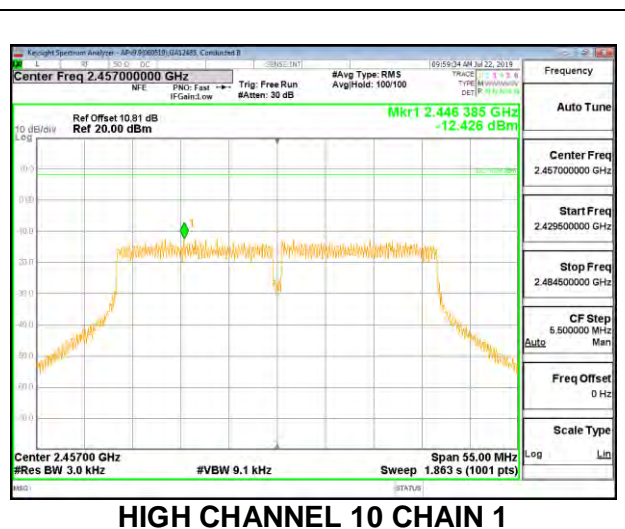# HIGH CHANNEL 10

HIGH CHANNEL 10 CHAIN 0	HIGH CHANNEL 10 CHAIN 1
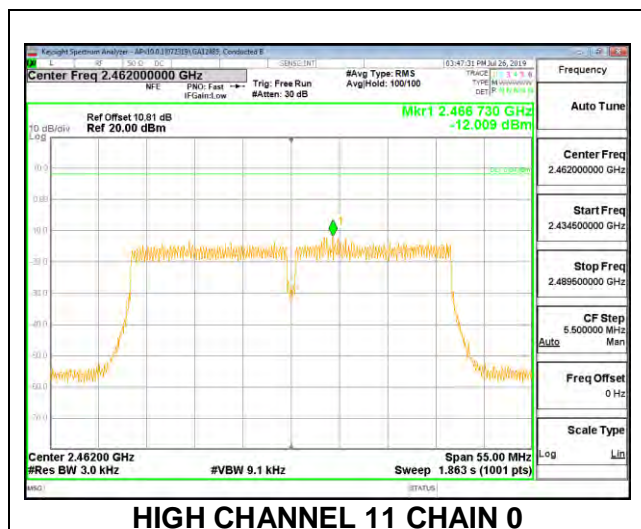
HIGH CHANNEL 11
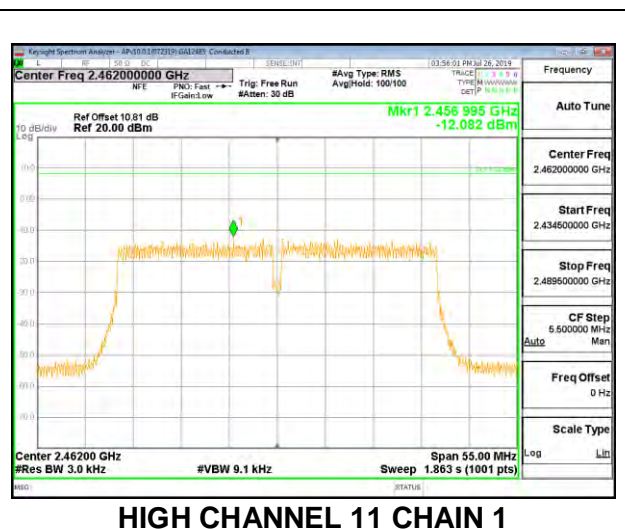
HIGH CHANNEL 11 CHAIN 0	HIGH CHANNEL 11 CHAIN 1

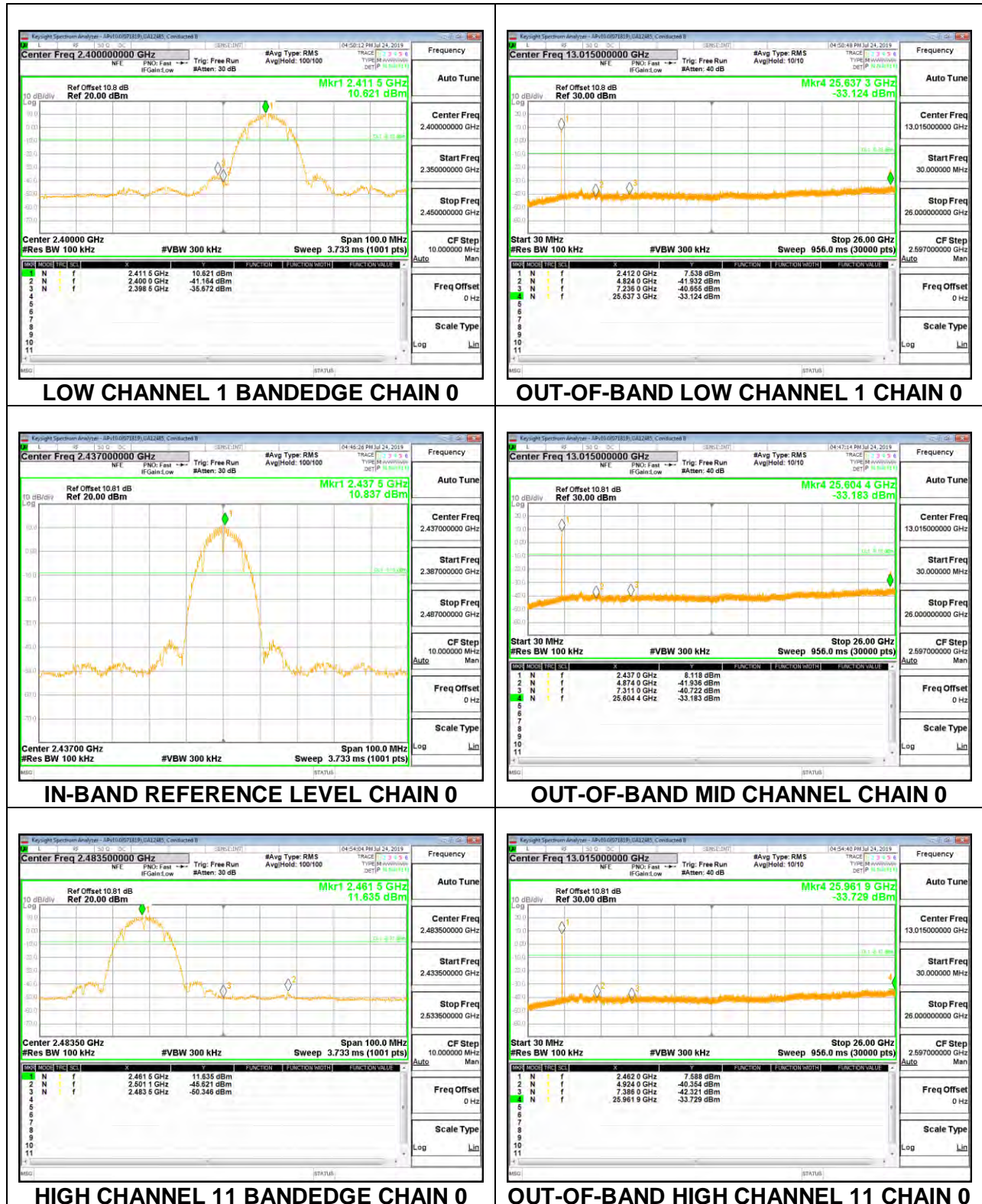## 8.7. CONDUCTED SPURIOUS EMISSIONS

LIMITS
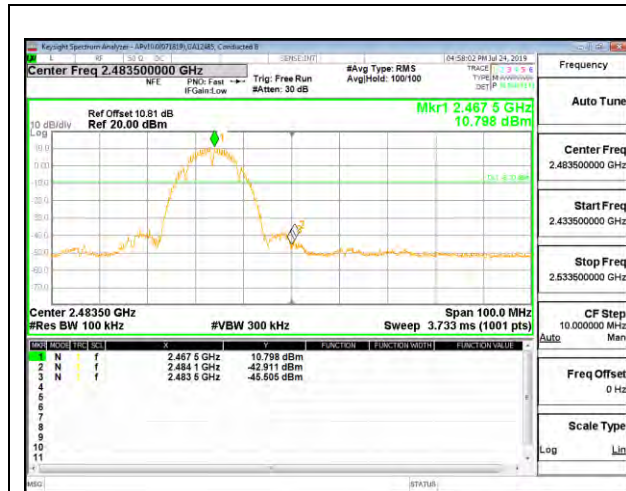
FCC §15.247 (d)

RSS-247 5.5

Output power was measured based on the use of peak measurement, therefore the required attenuation is 20 dB.

RESULTS

8.7.1. 802.11b MODE
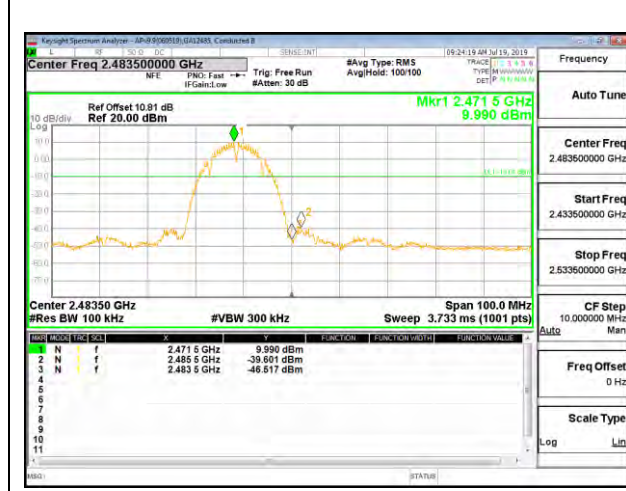
2TX Chain 0 + Chain 1 CDD MODE
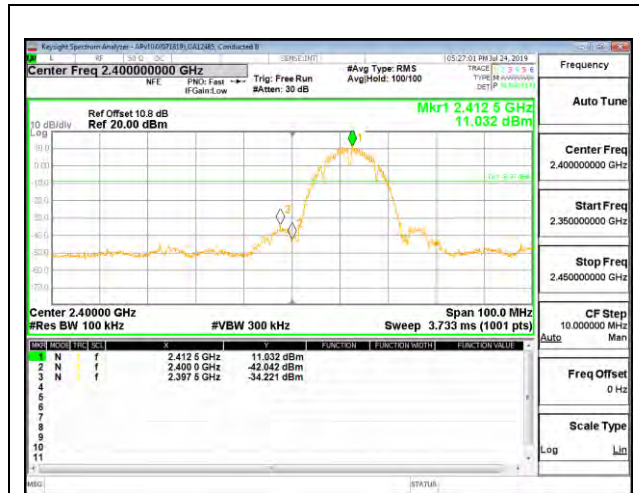

LOW CHANNEL 1 BANDEDGE CHAIN 0

OUT-OF-BAND LOW CHANNEL 1 CHAIN 0

IN-BAND REFERENCE LEVEL CHAIN 0

OUT-OF-BAND MID CHANNEL CHAIN 0

HIGH CHANNEL 11 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0

HIGH CHANNEL 12 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0

HIGH CHANNEL 13 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0

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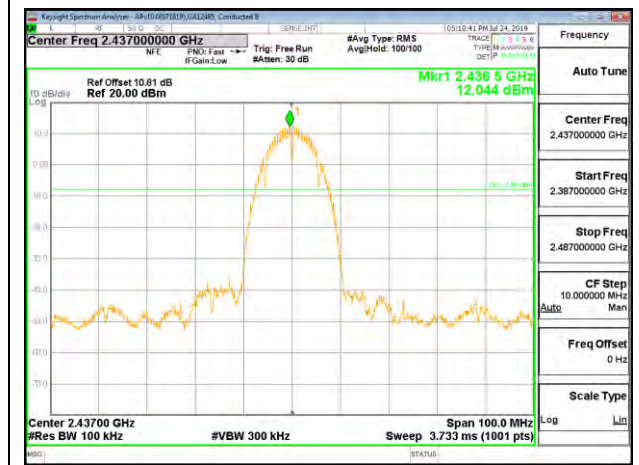*This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.*
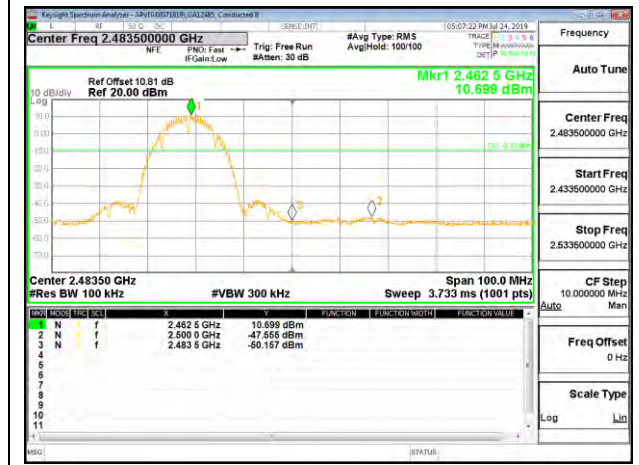
LOW CHANNEL 1 BANDEDGE CHAIN 1
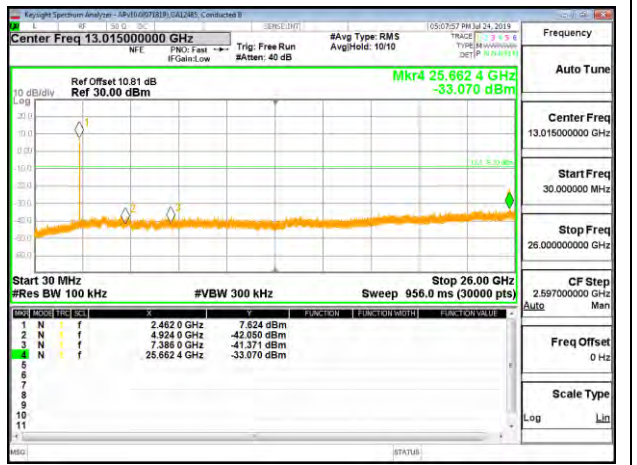

OUT-OF-BAND LOW CHANNEL 1 CHAIN 1
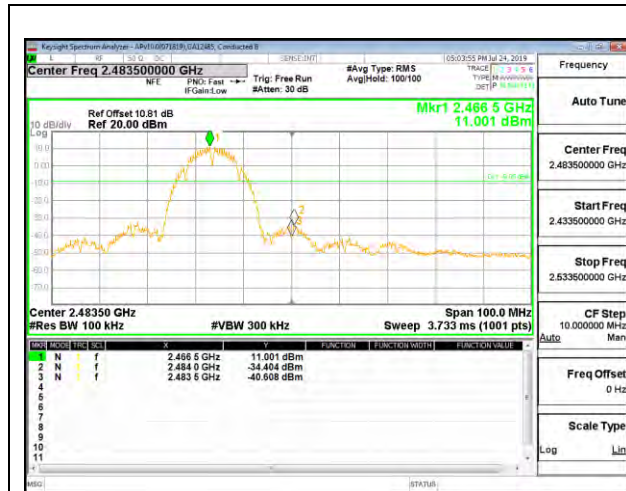

IN-BAND REFERENCE LEVEL CHAIN 1

OUT-OF-BAND MID CHANNEL CHAIN 1

HIGH CHANNEL 11 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1

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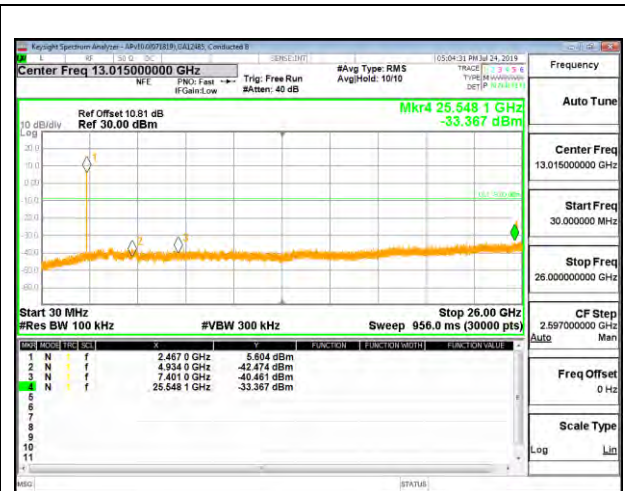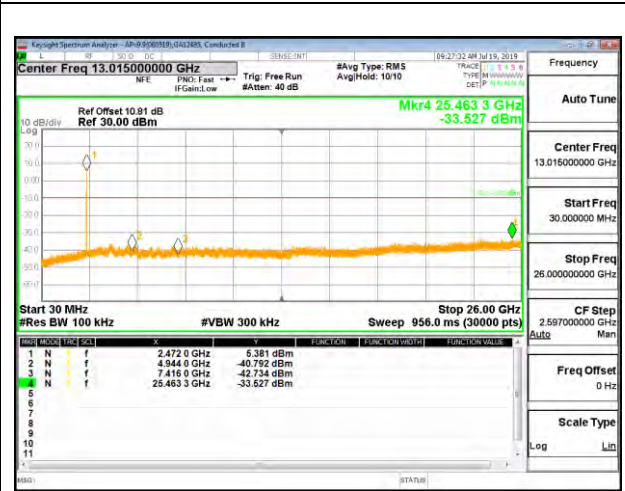
HIGH CHANNEL 12 BANDEDGE CHAIN 1

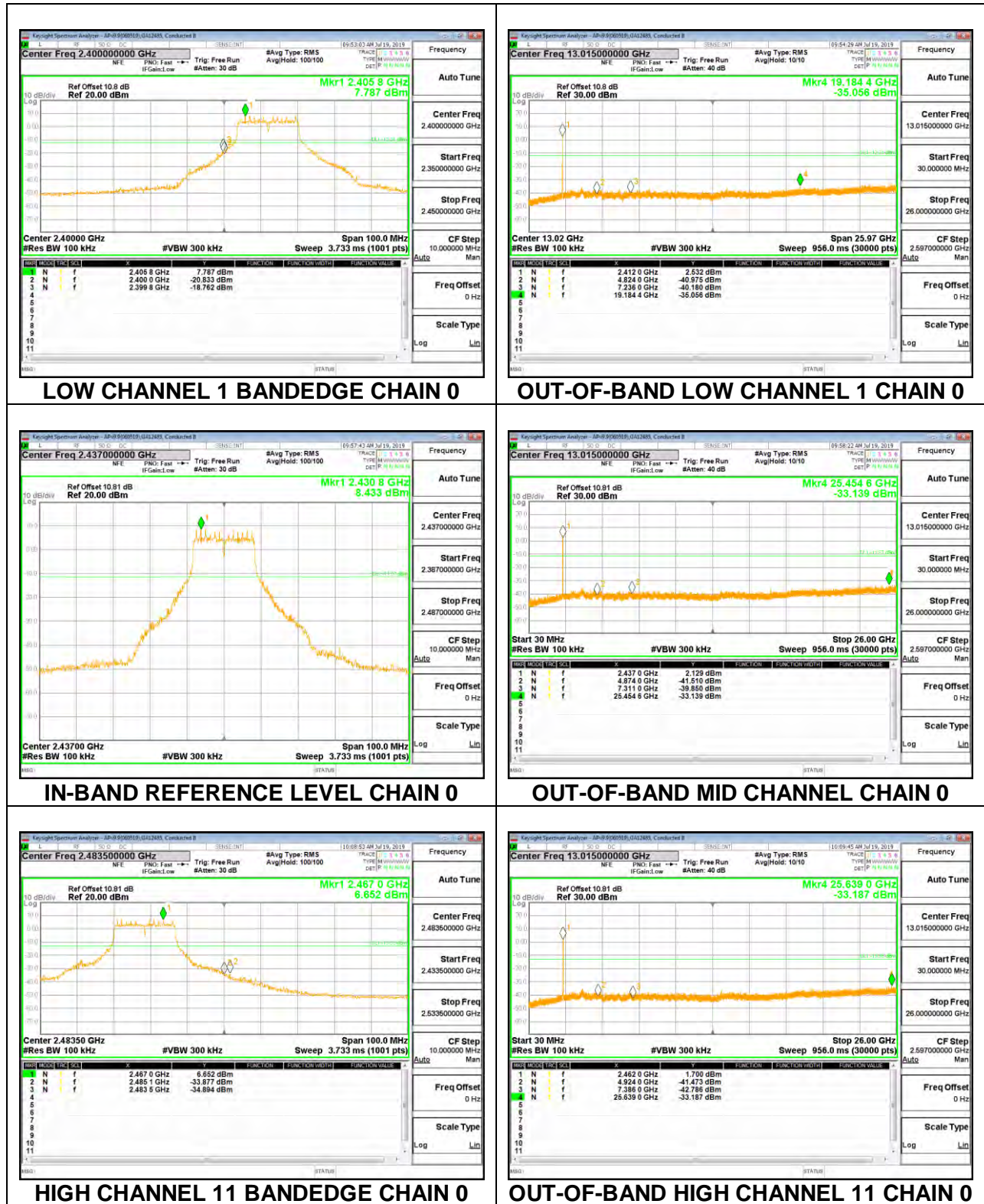**OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1**
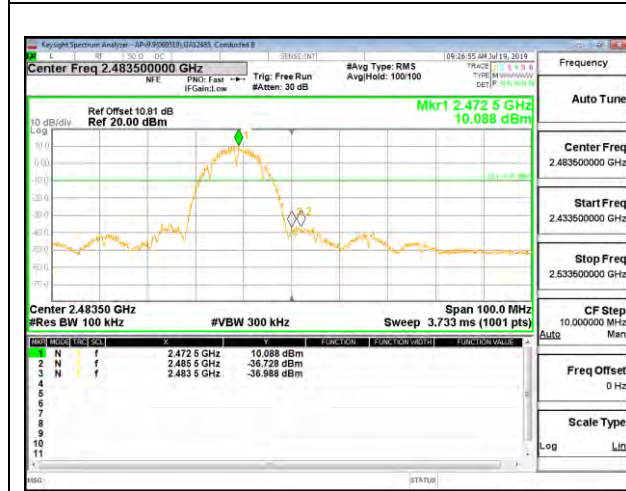
HIGH CHANNEL 13 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

8.7.2. 802.11g MODE

2TX Chain 0 + Chain 1 CDD MODE

LOW CHANNEL 1 BANDEDGE CHAIN 0

OUT-OF-BAND LOW CHANNEL 1 CHAIN 0

IN-BAND REFERENCE LEVEL CHAIN 0

OUT-OF-BAND MID CHANNEL CHAIN 0

HIGH CHANNEL 11 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0

HIGH CHANNEL 12 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0

HIGH CHANNEL 13 BANDEDGE CHAIN 0
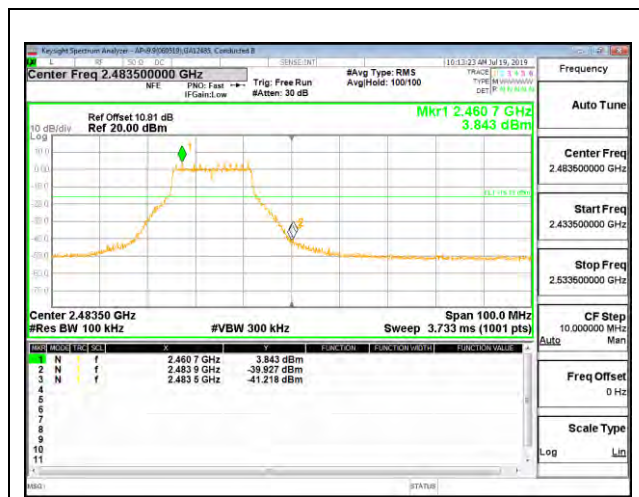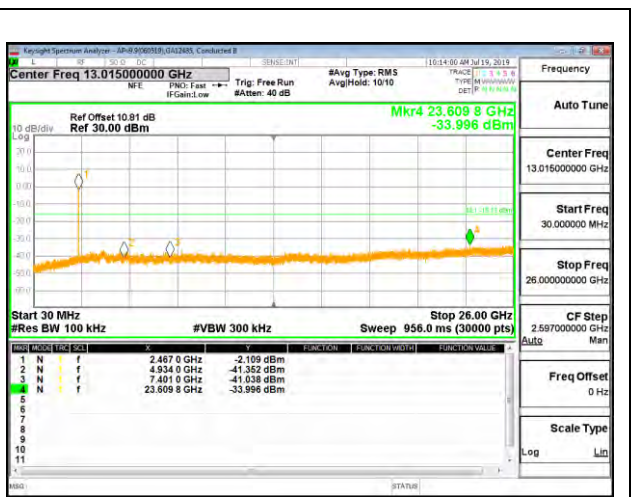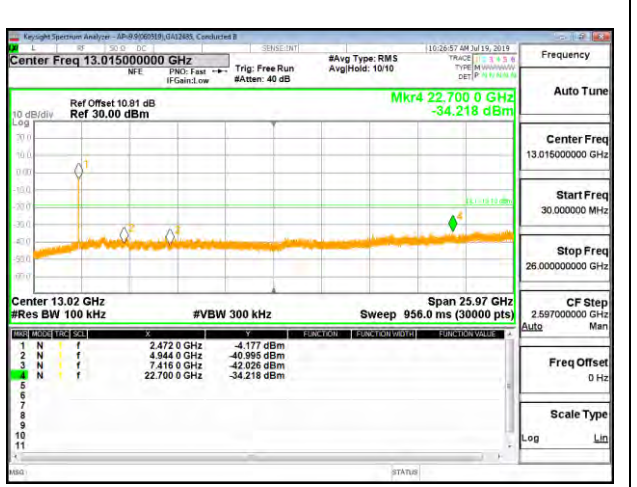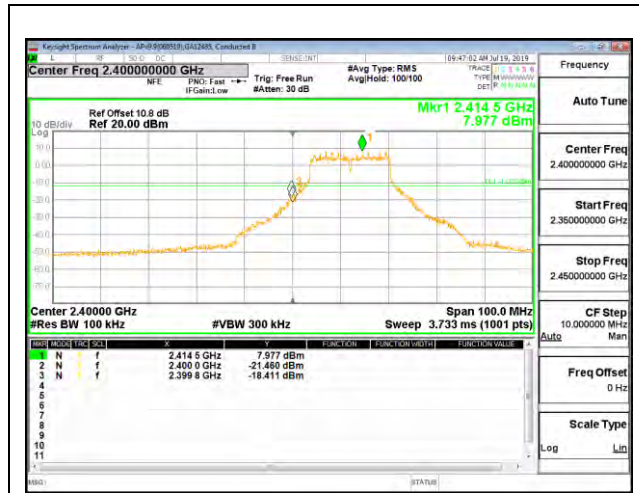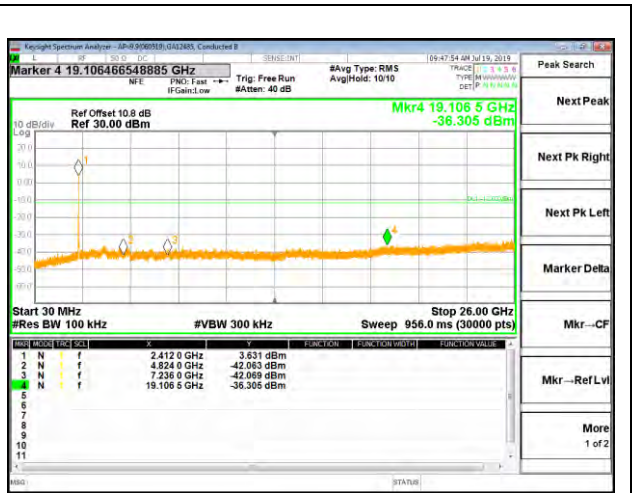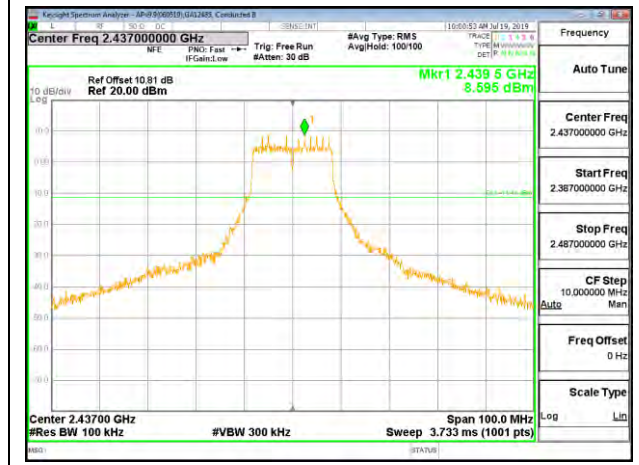

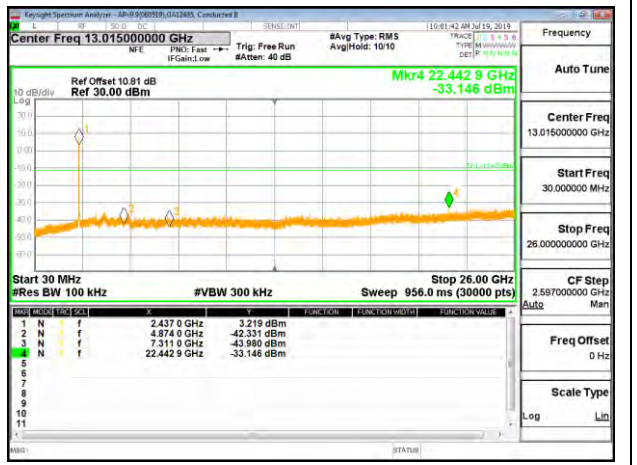**OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0**
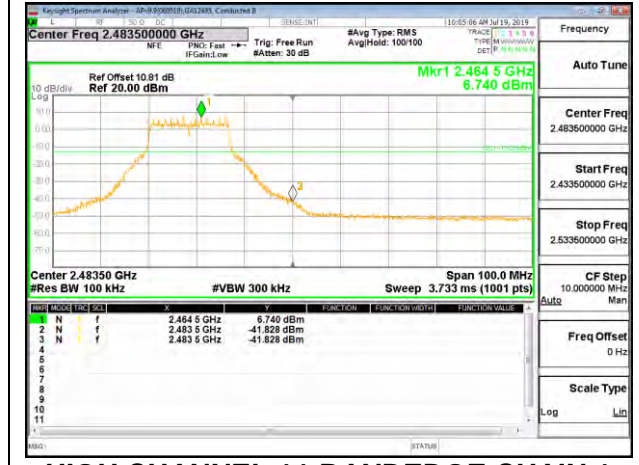
LOW CHANNEL 1 BANDEDGE CHAIN 1

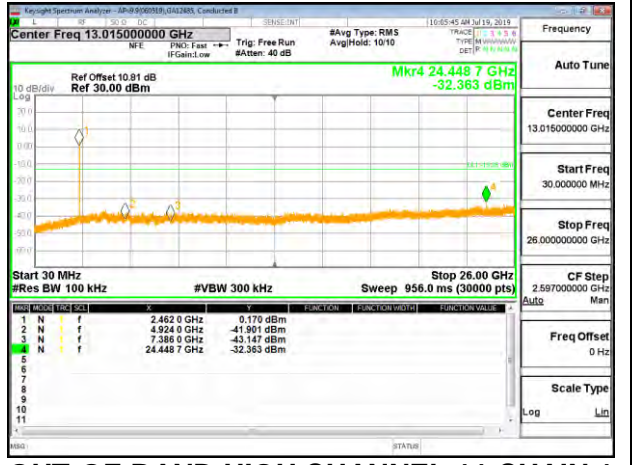**OUT-OF-BAND LOW CHANNEL 1 CHAIN 1**
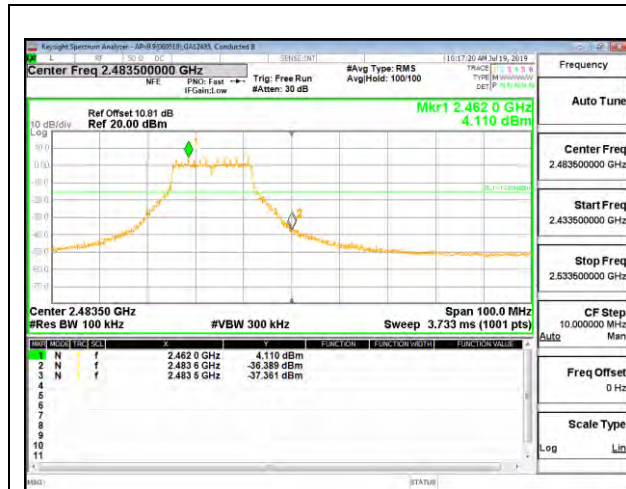

IN-BAND REFERENCE LEVEL CHAIN 1
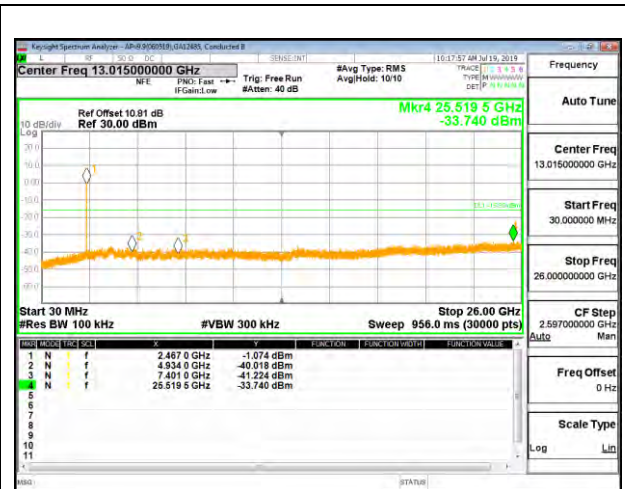

OUT-OF-BAND MID CHANNEL CHAIN 1

HIGH CHANNEL 11 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1

HIGH CHANNEL 12 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1

HIGH CHANNEL 13 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

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8.7.3. 802.11n HT20 MODE

2TX Chain 0 + Chain 1 SDM MODE

LOW CHANNEL 1 BANDEDGE CHAIN 0

OUT-OF-BAND LOW CHANNEL 1 CHAIN 0

LOW CHANNEL 2 BANDEDGE CHAIN 0

OUT-OF-BAND LOW CHANNEL 2 CHAIN 0

IN-BAND REFERENCE LEVEL CHAIN 0

OUT-OF-BAND MID CHANNEL CHAIN 0

HIGH CHANNEL 10 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0

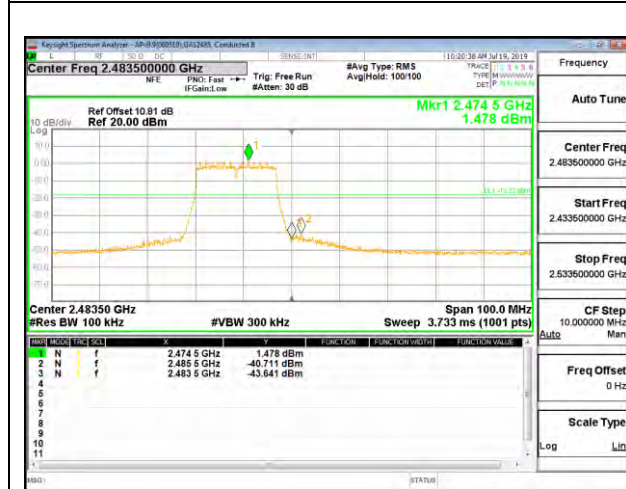
HIGH CHANNEL 11 BANDEDGE CHAIN 0

OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0

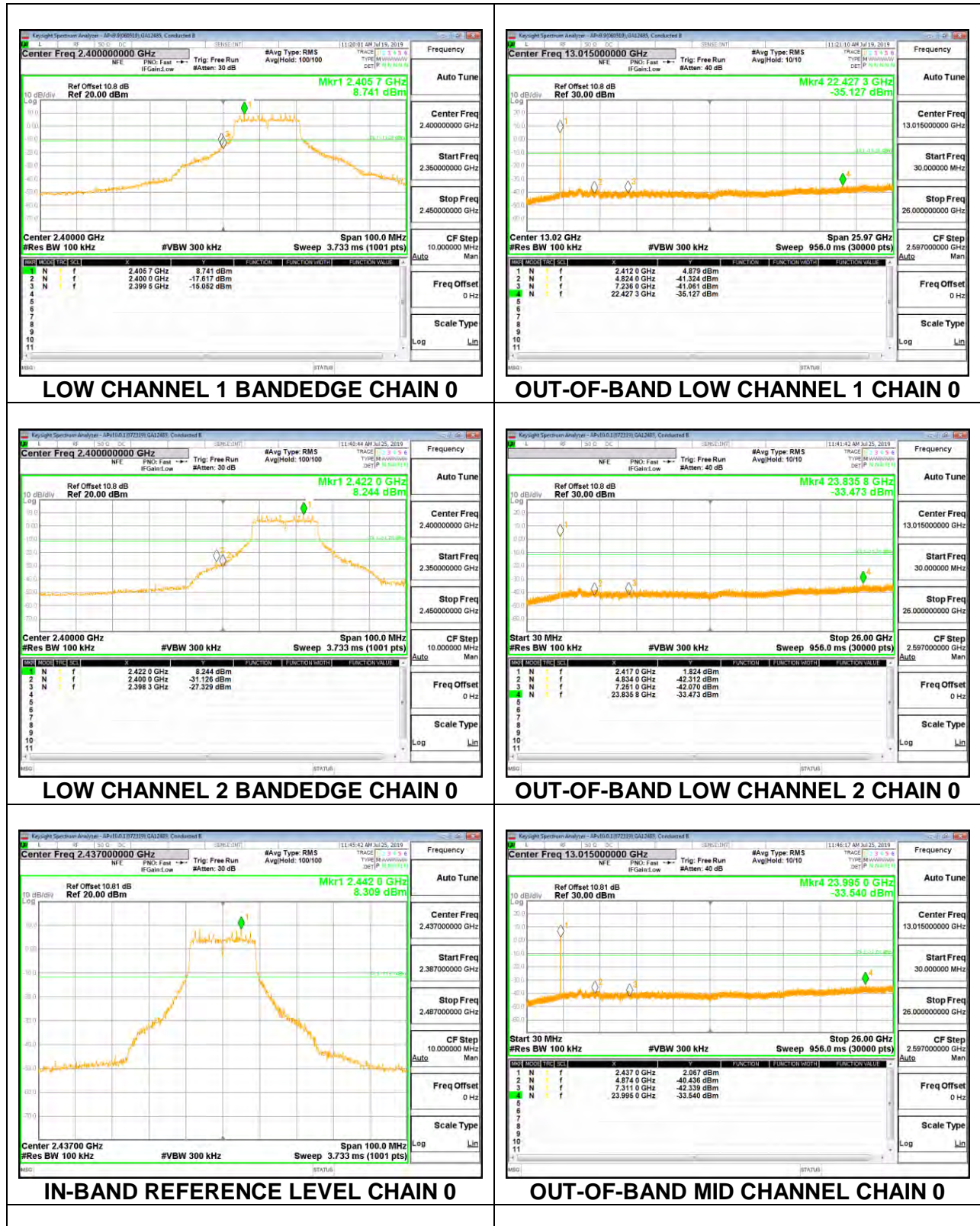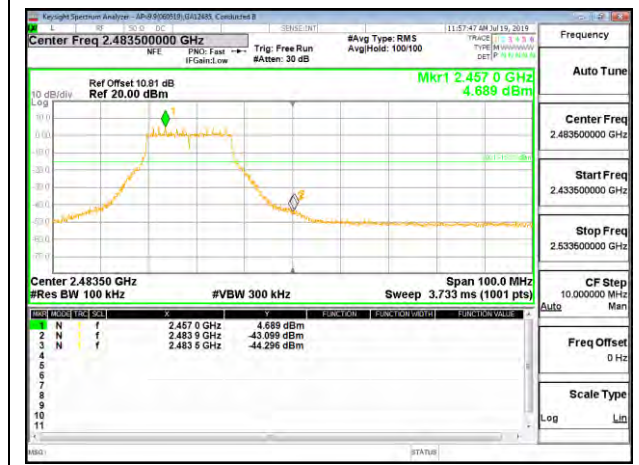**HIGH CHANNEL 12 BANDEDGE CHAIN 0**

OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0

HIGH CHANNEL 13 BANDEDGE CHAIN 0	OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0

LOW CHANNEL 1 BANDEDGE CHAIN 1

OUT-OF-BAND LOW CHANNEL 1 CHAIN 1

LOW CHANNEL 2 BANDEDGE CHAIN 1

OUT-OF-BAND LOW CHANNEL 2 CHAIN 1

IN-BAND REFERENCE LEVEL CHAIN 1

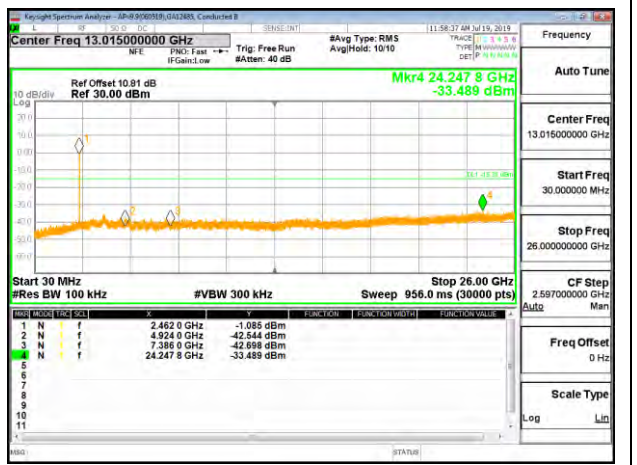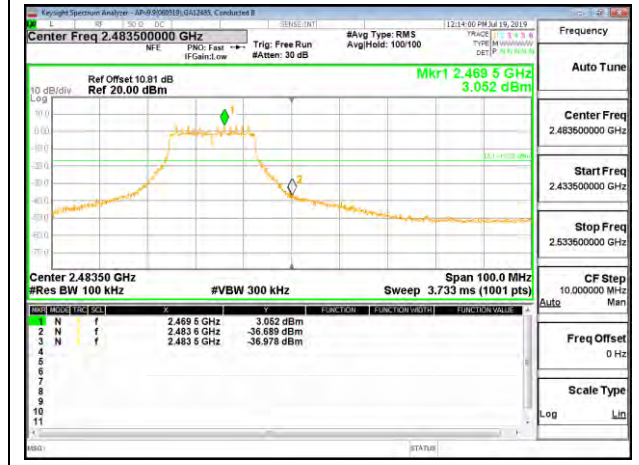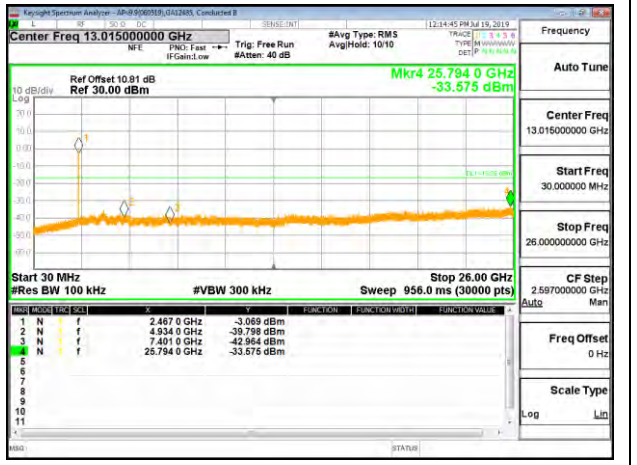**OUT-OF-BAND MID CHANNEL CHAIN 1**

HIGH CHANNEL 10 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 10 CHAIN 1
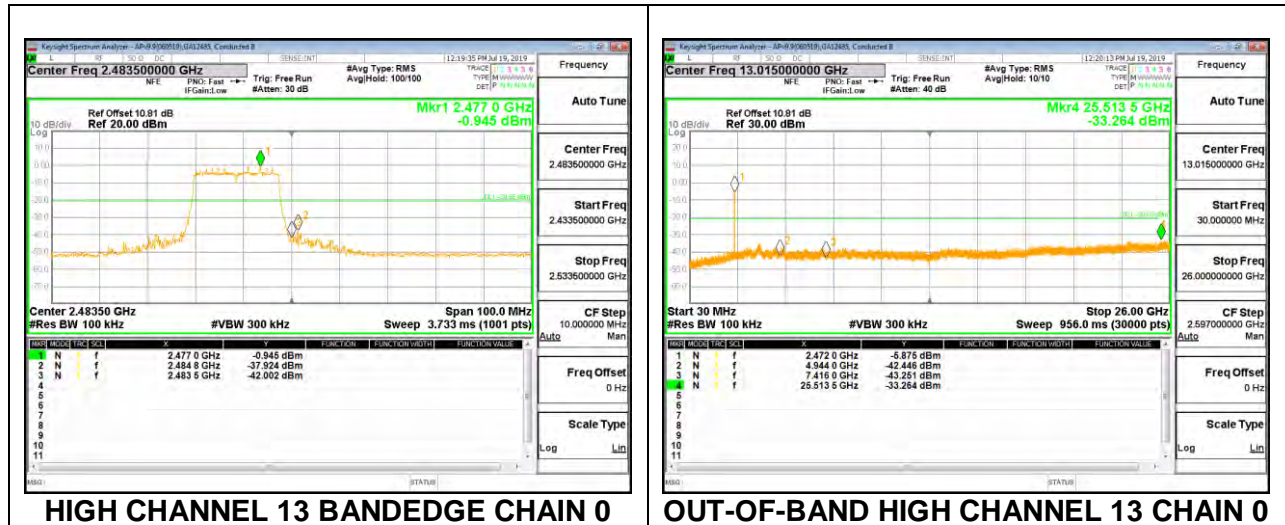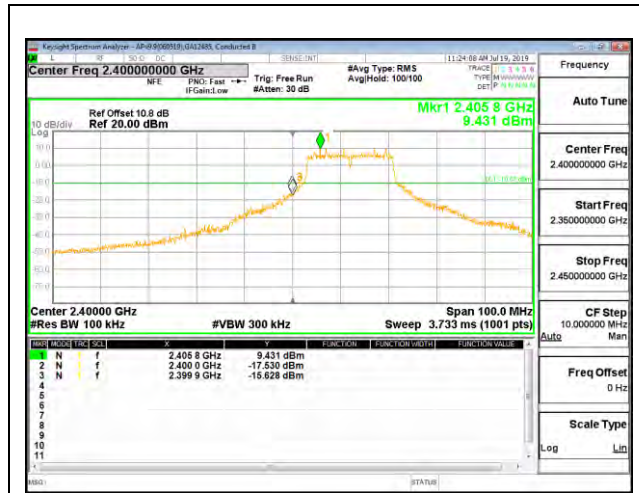

HIGH CHANNEL 11 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1

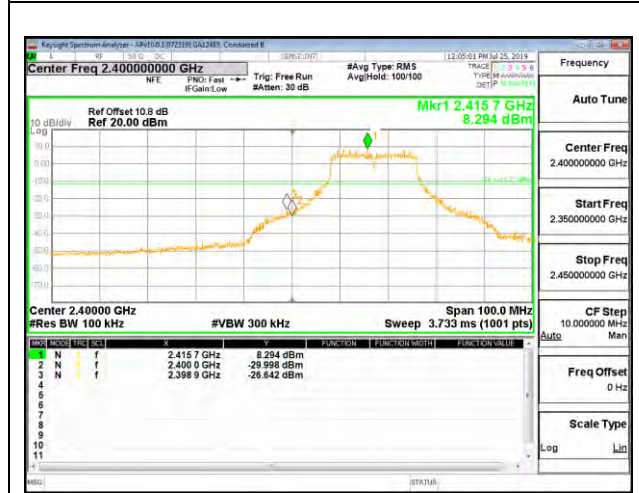HIGH CHANNEL 12 BANDEDGE CHAIN 1

OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1

HIGH CHANNEL 13 BANDEDGE CHAIN 1

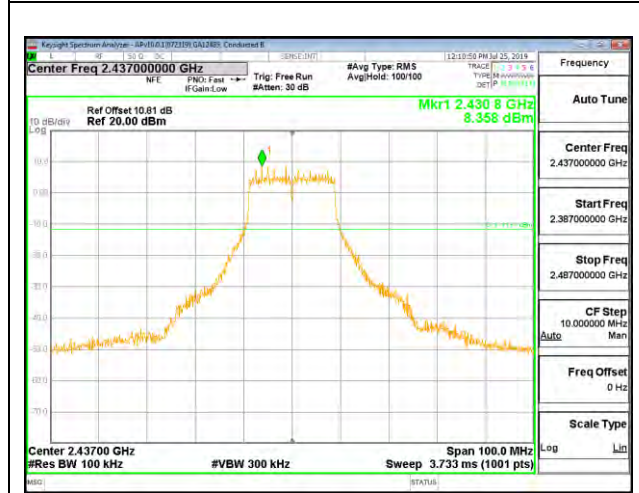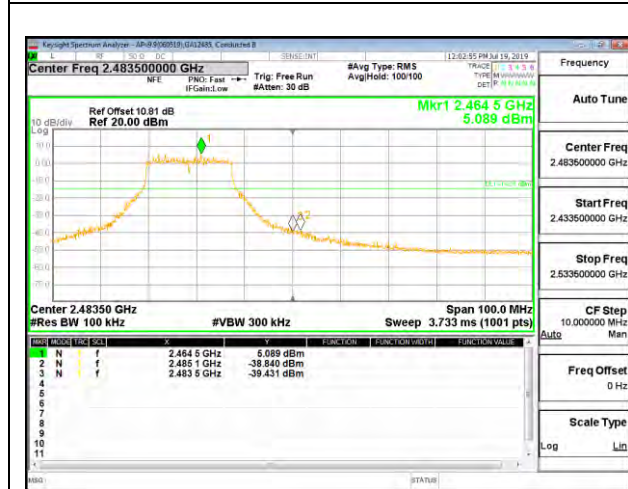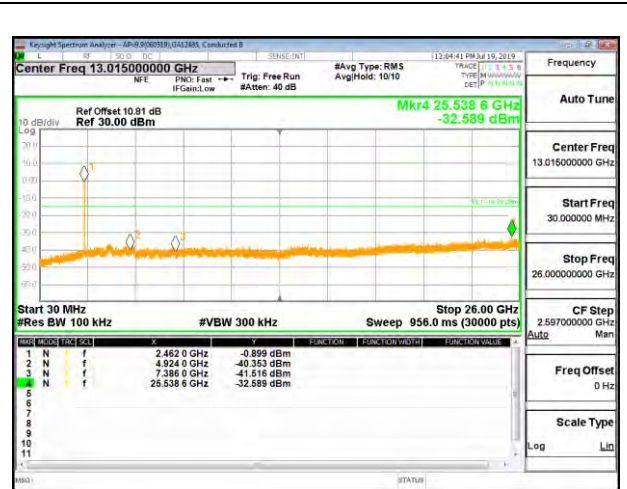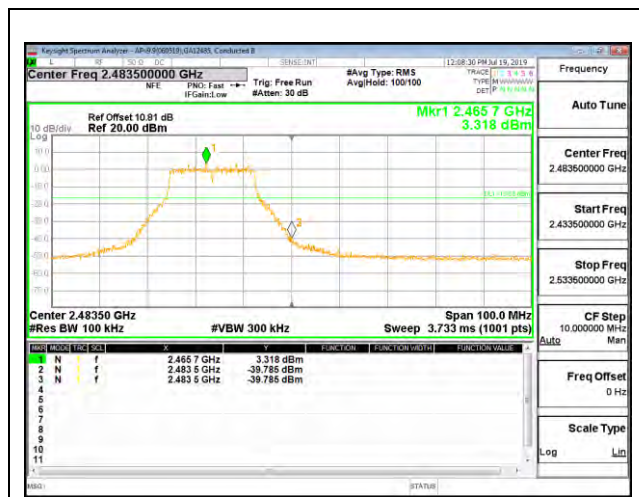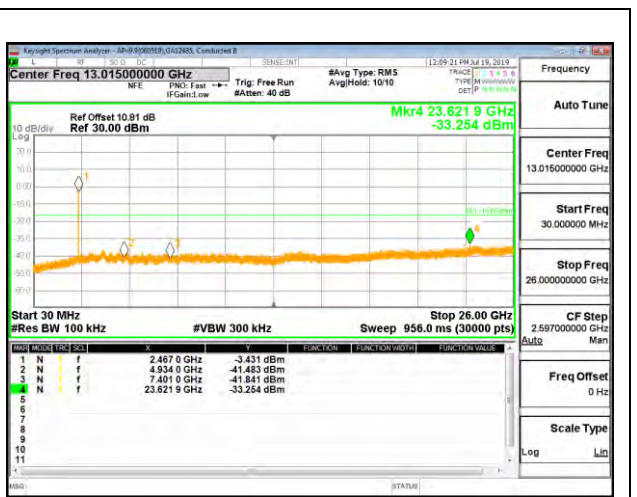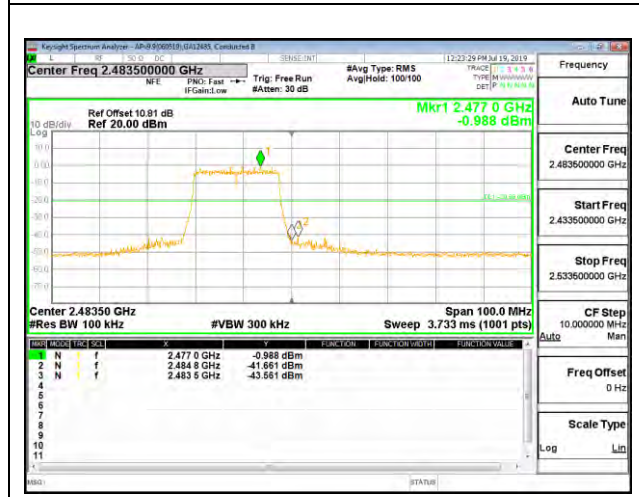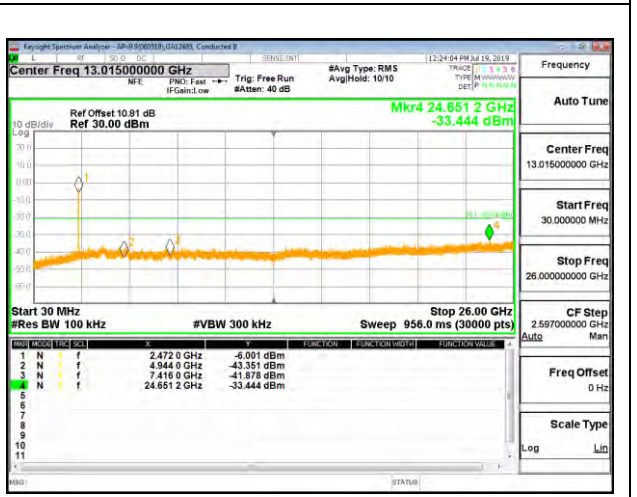OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

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8.7.4. 802.11n HT40 MODE

2TX Chain 0 + Chain 1 SDM MODE

LOW CHANNEL 3 BANDEDGE CHAIN 0

OUT-OF-BAND LOW CHANNEL 3 CHAIN 0

LOW CHANNEL 4 BANDEDGE CHAIN 0

OUT-OF-BAND LOW CHANNEL 4 CHAIN 0

IN-BAND REFERENCE LEVEL CHAIN 0

OUT-OF-BAND MID CHANNEL CHAIN 0