8.5.4. 802.11n HT40 MODE

2TX Antenna 1 + Antenna 2 CDD MODE

Duty Cycle CF (dB)	0.47	Included in Calculations of Corr'd PSD

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Chain 1 Meas (dBm)	Total Corr'd PSD (dBm)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-9.72	-8.69	-5.69	8.0	-13.7
Mid 6	2437	-8.91	-8.92	-5.43	8.0	-13.4
High 9	2452	-8.17	-8.48	-4.84	8.0	-12.8
High 10	2457	-8.99	-9.12	-5.57	8.0	-13.6
High 11	2462	-13.52	-13.97	-10.26	8.0	-18.3

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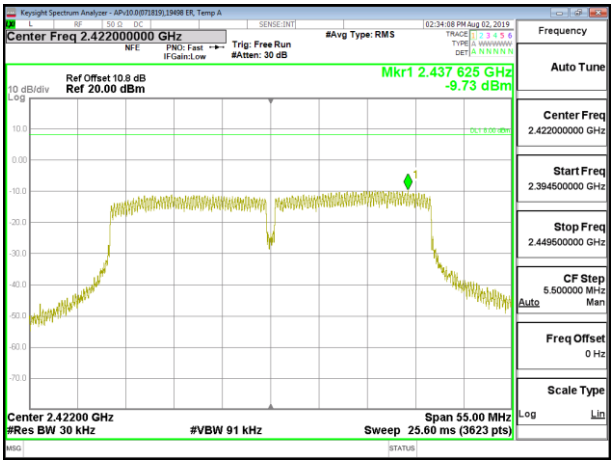
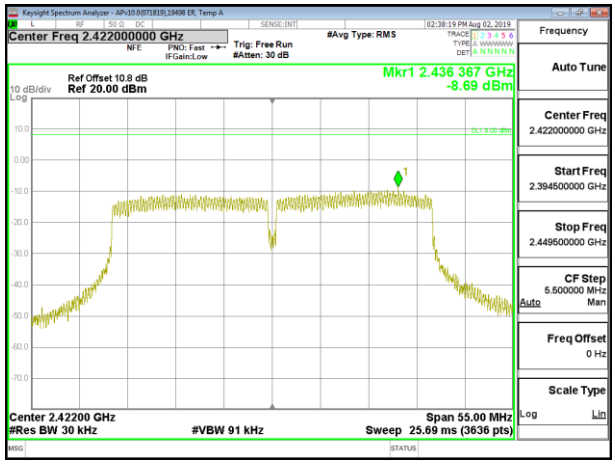
LOW CHANNEL 3

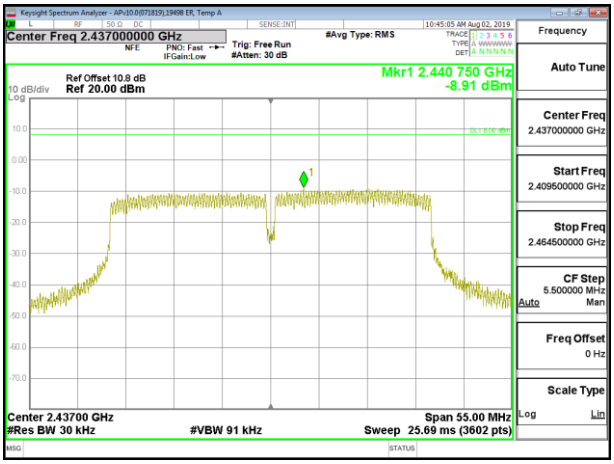


LOW CHANNEL 3 CHAIN 0

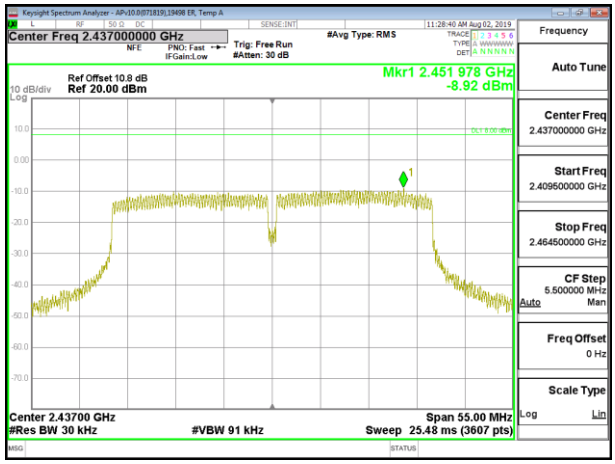


LOW CHANNEL 3 CHAIN 1

MID CHANNEL 6



MID CHANNEL 6 CHAIN 0



MID CHANNEL 6 CHAIN 1

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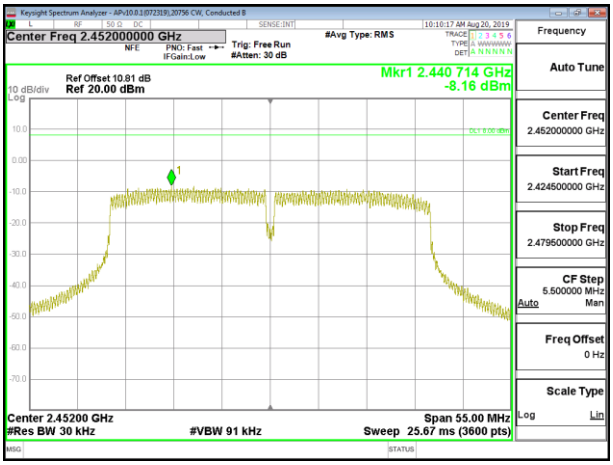
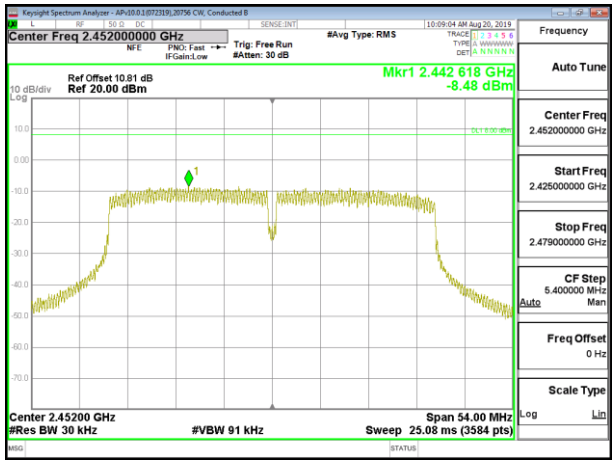
HIGH CHANNEL 9

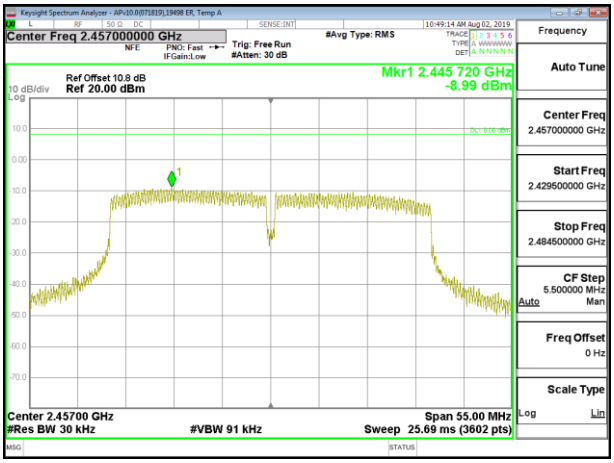


HIGH CHANNEL 9 CHAIN 0

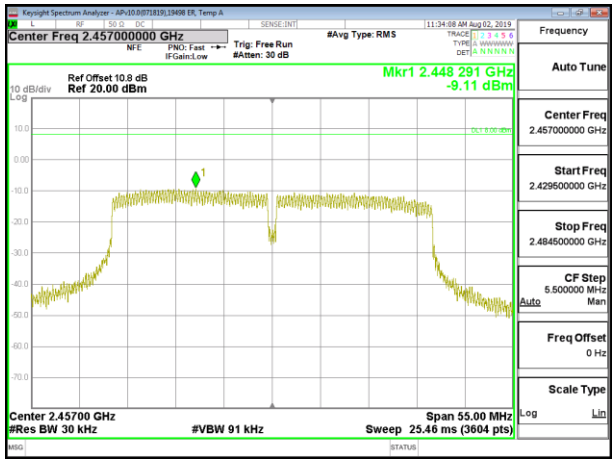


HIGH CHANNEL 9 CHAIN 1

HIGH CHANNEL 10



HIGH CHANNEL 10 CHAIN 0



HIGH CHANNEL 10 CHAIN 1

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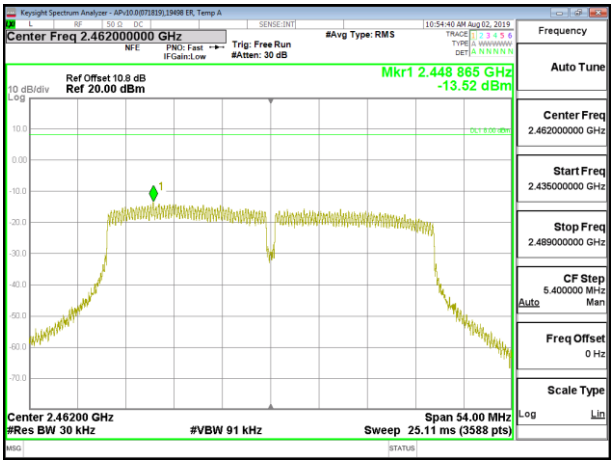
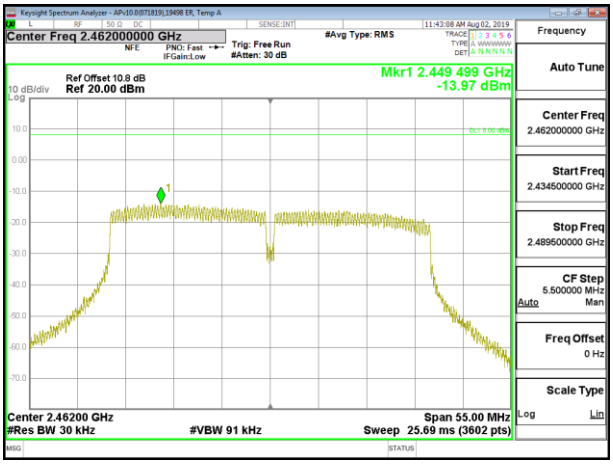
HIGH CHANNEL 11



HIGH CHANNEL 11 CHAIN 0



HIGH CHANNEL 11 CHAIN 1

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8.6. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

RSS-247 5.5

Output power was measured based on the use of average measurement, therefore the required attenuation is 30 dB.

RESULTS

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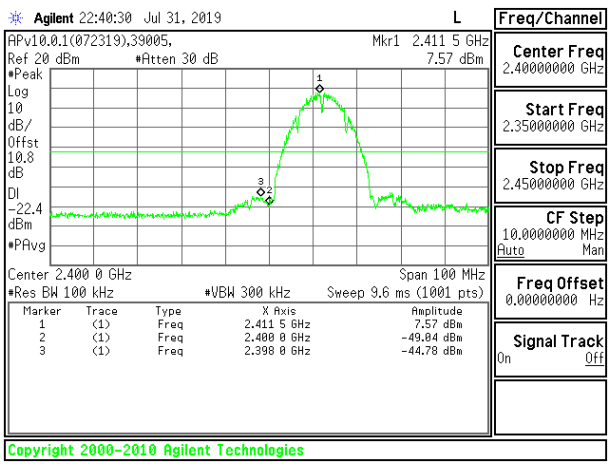
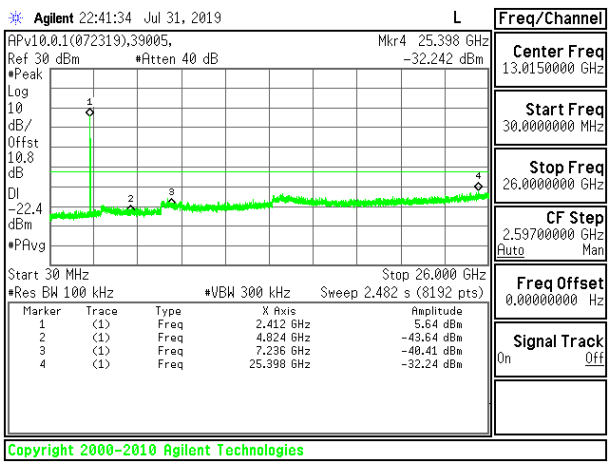
8.6.1. 802.11b MODE

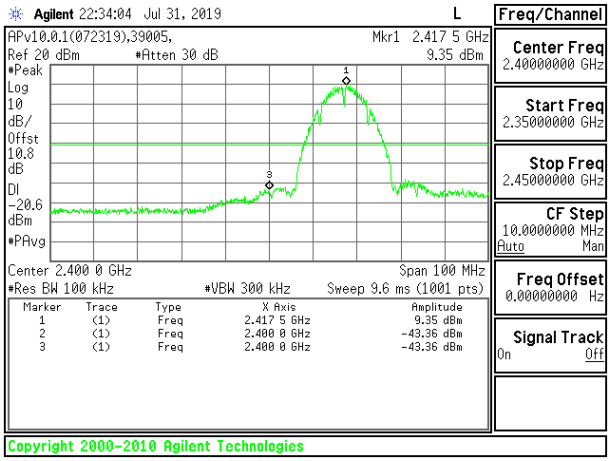
2TX Antenna 1 + Antenna 2 CDD MODE



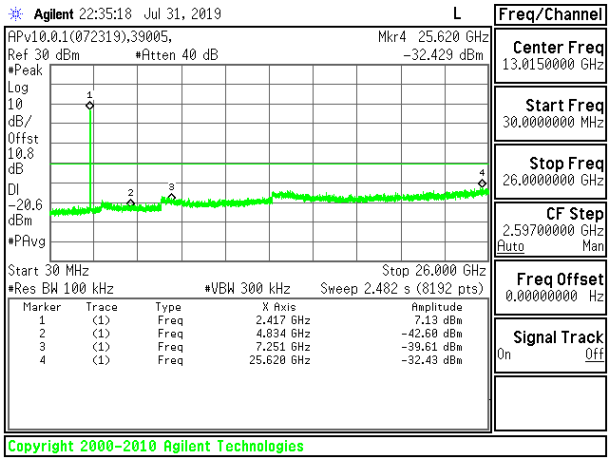
LOW CHANNEL 1 BANDEDGE CHAIN 0



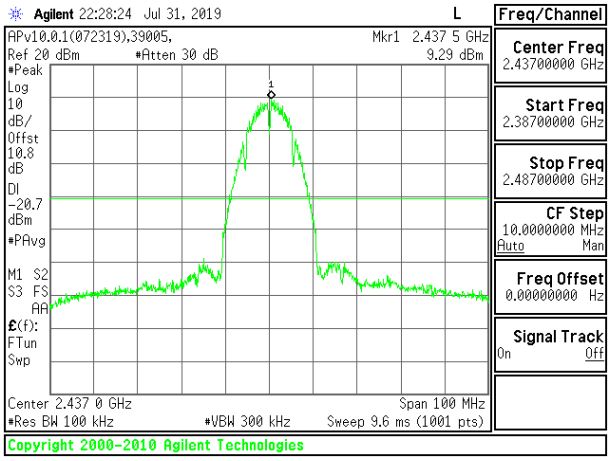
OUT-OF-BAND LOW CHANNEL 1 CHAIN 0



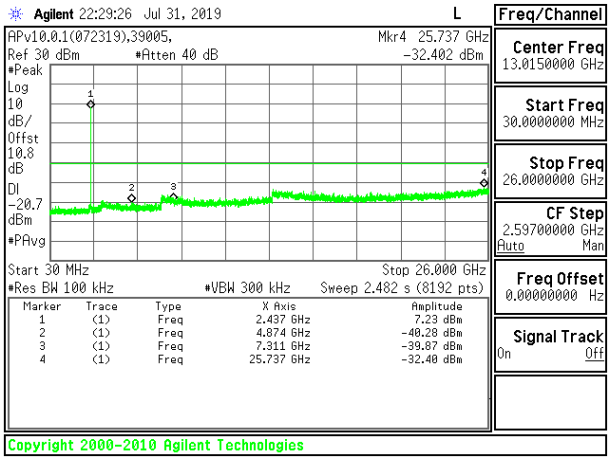
LOW CHANNEL 2 BANDEDGE CHAIN 0



OUT-OF-BAND LOW CHANNEL 2 CHAIN 0



IN-BAND REFERENCE LEVEL CHAIN 0



OUT-OF-BAND MID CHANNEL CHAIN 0

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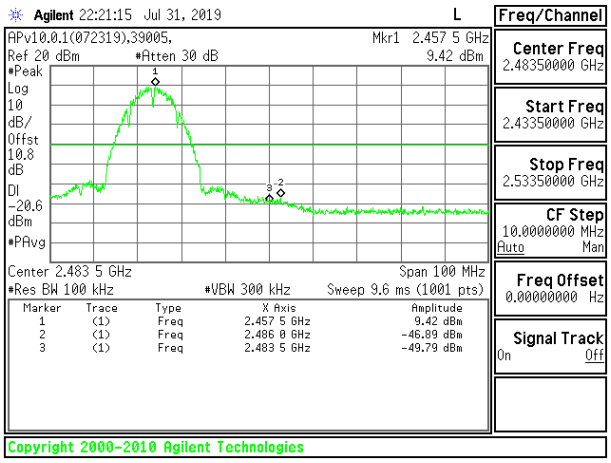
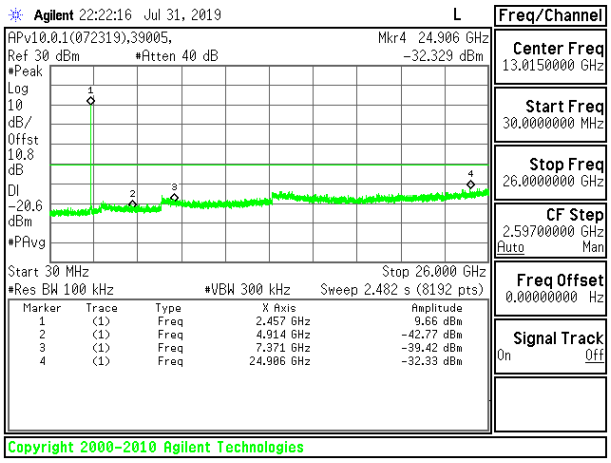
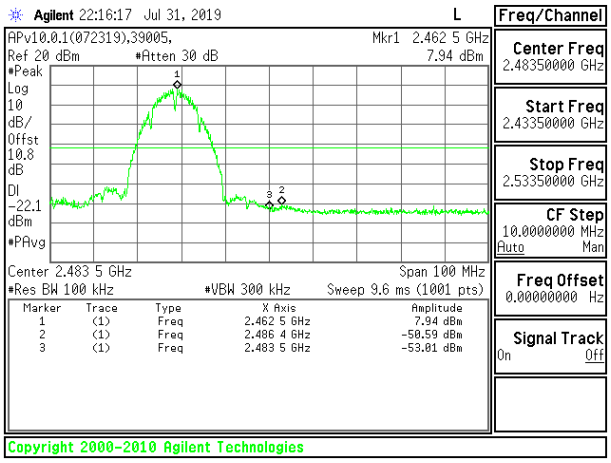


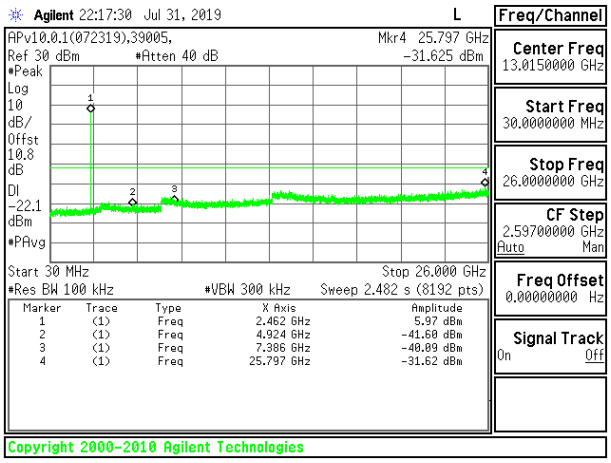
HIGH CHANNEL 10 BANDEDGE CHAIN 0



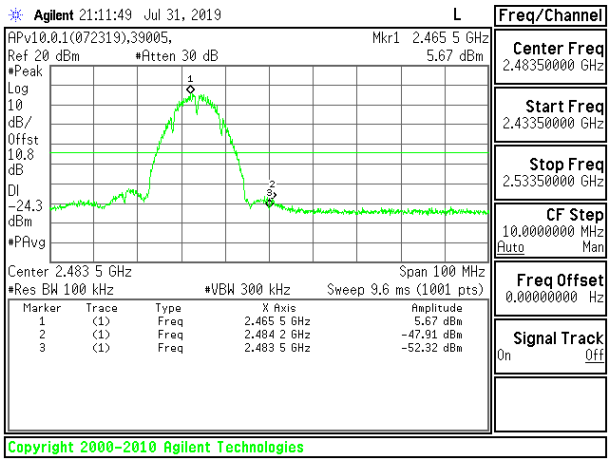
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0



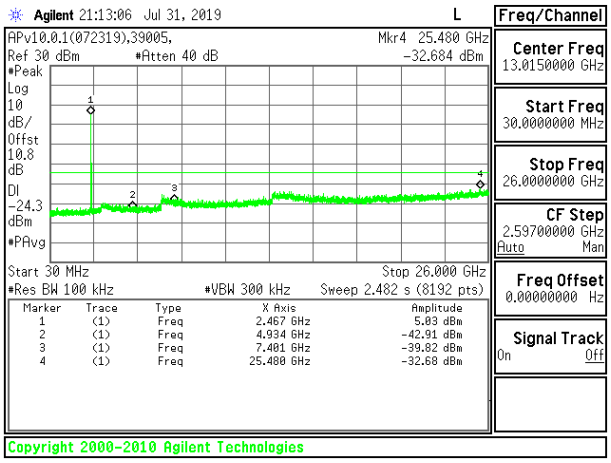
HIGH CHANNEL 11 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0



HIGH CHANNEL 12 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0

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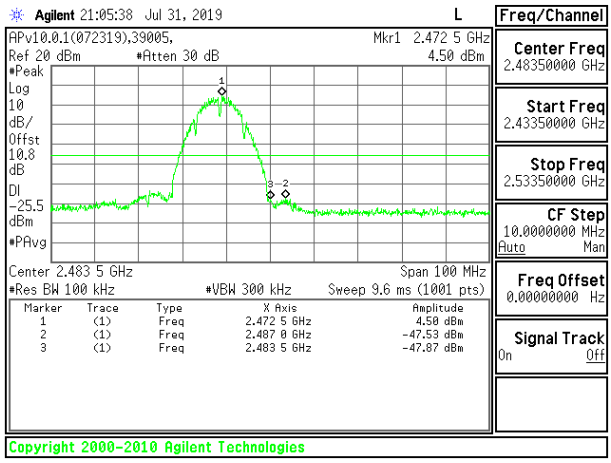
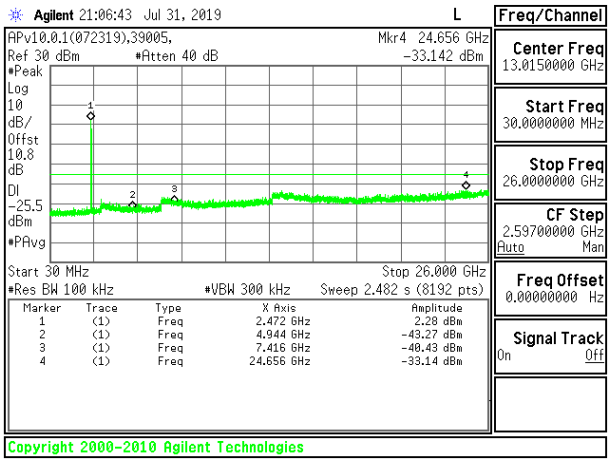


HIGH CHANNEL 13 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0

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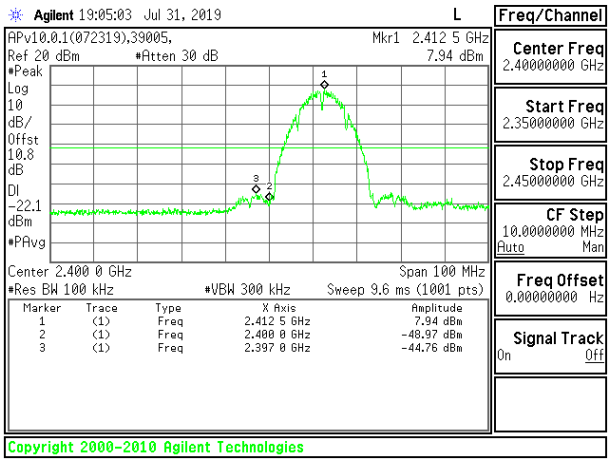
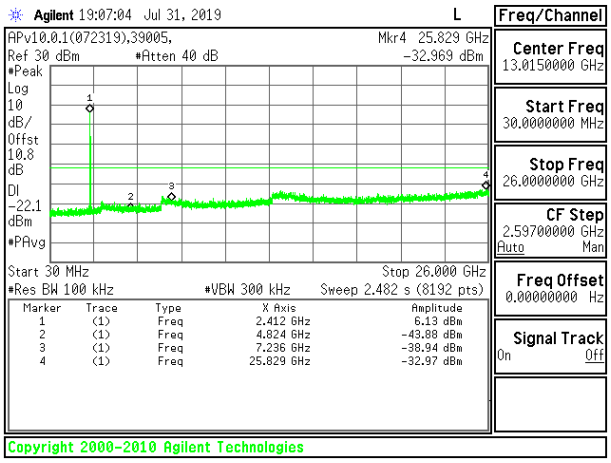
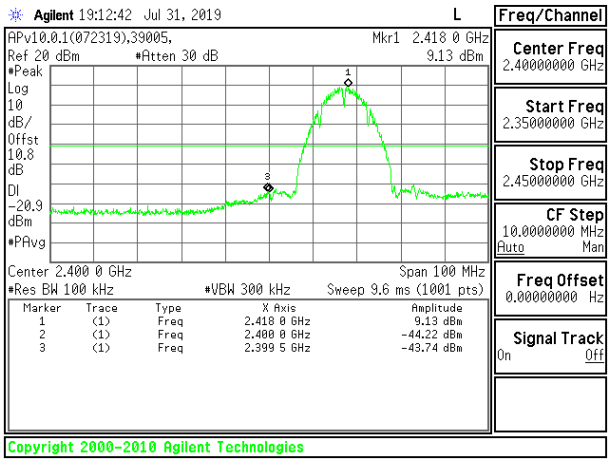


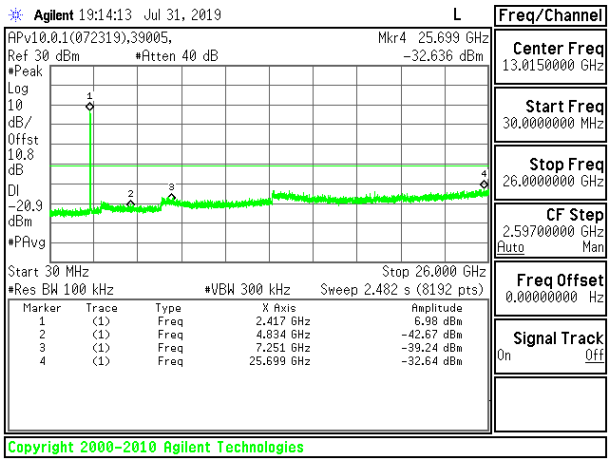
LOW CHANNEL 1 BANDEDGE CHAIN 1



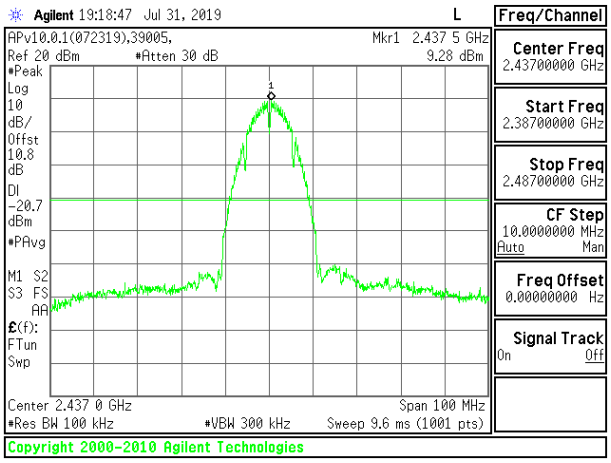
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



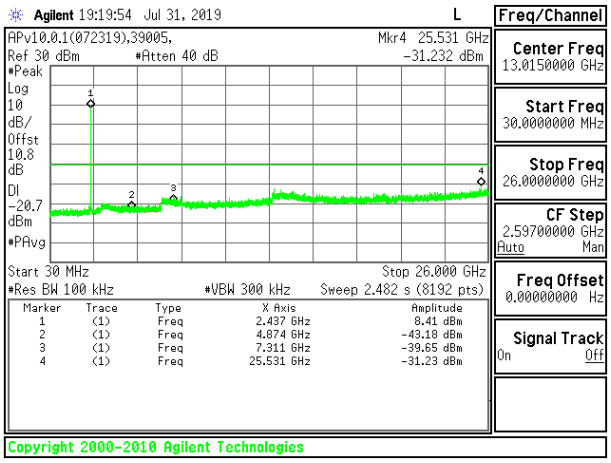
LOW CHANNEL 2 BANDEDGE CHAIN 1



OUT-OF-BAND LOW CHANNEL 2 CHAIN 1



IN-BAND REFERENCE LEVEL CHAIN 1



OUT-OF-BAND MID CHANNEL CHAIN 1

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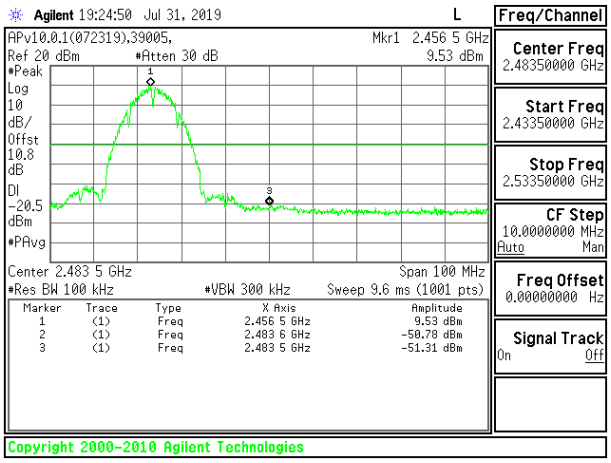
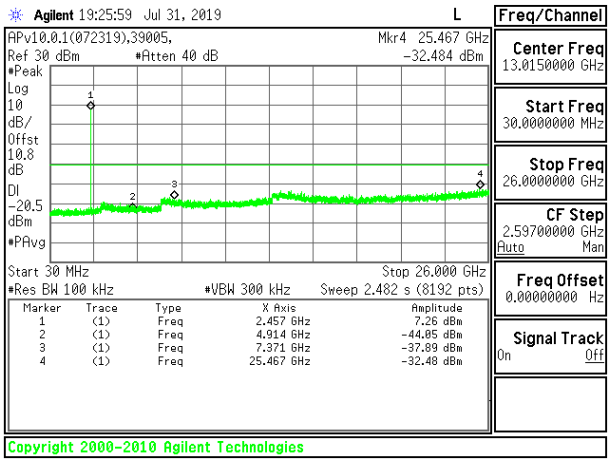
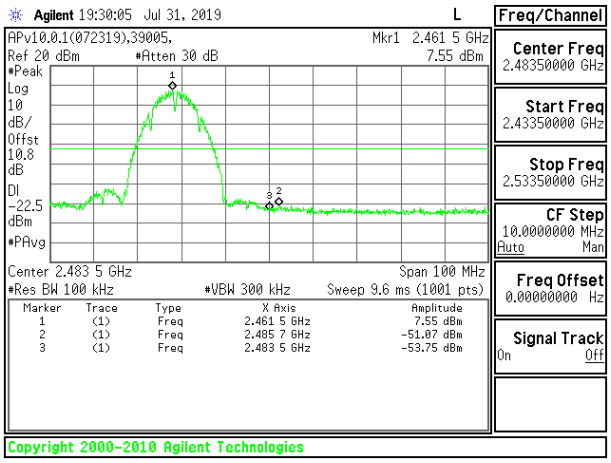


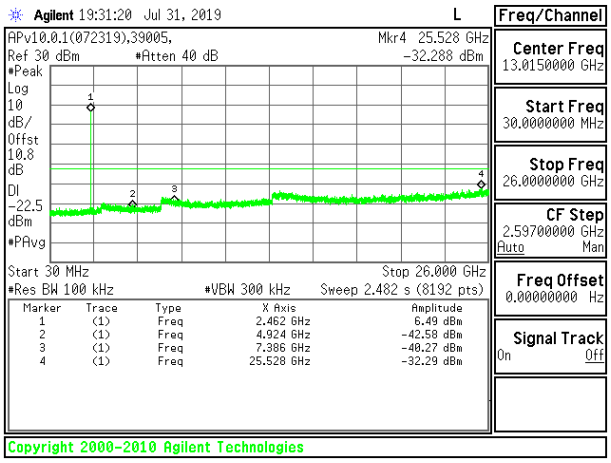
HIGH CHANNEL 10 BANDEDGE CHAIN 1



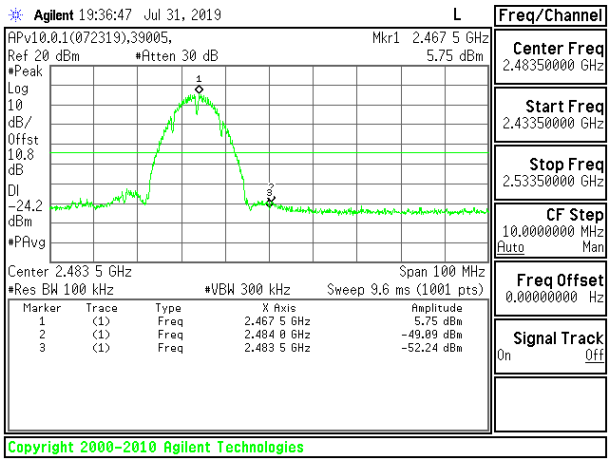
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 1



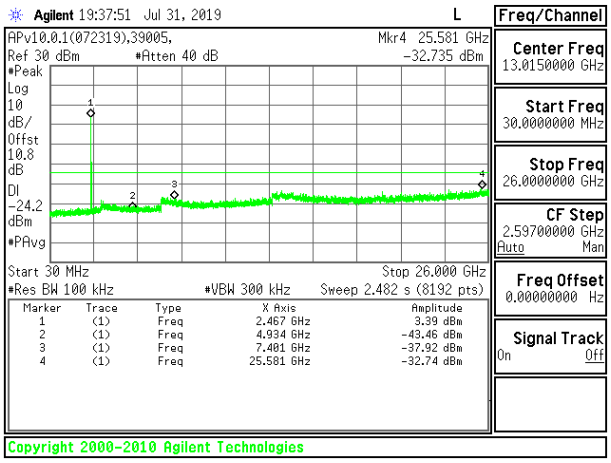
HIGH CHANNEL 11 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



HIGH CHANNEL 12 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1

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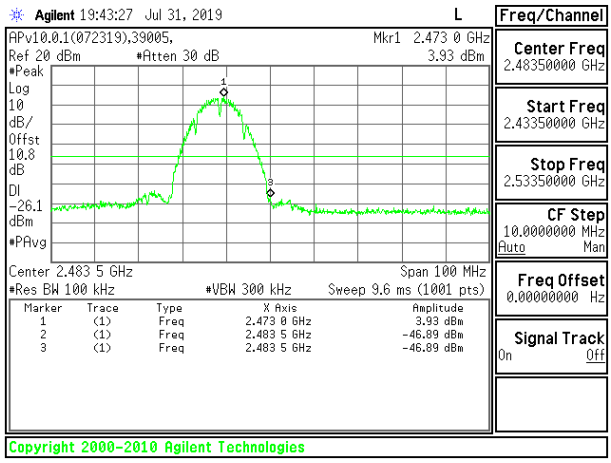
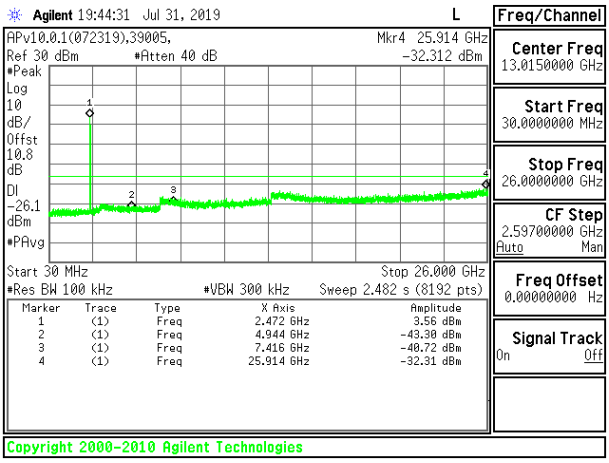


HIGH CHANNEL 13 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

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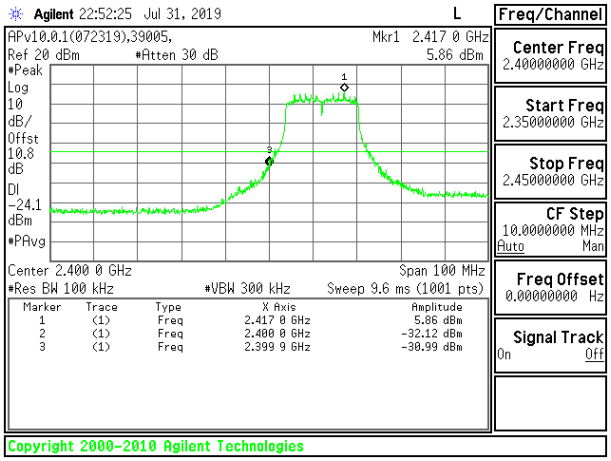
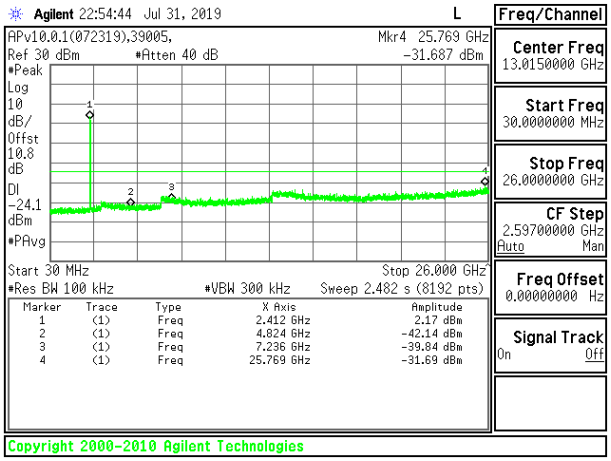
8.6.2. 802.11g MODE

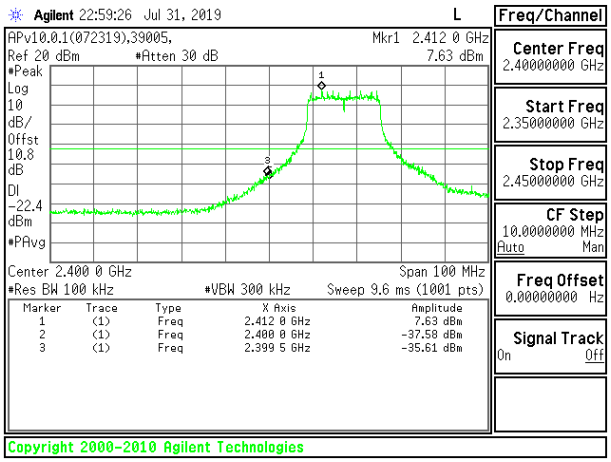
2TX Antenna 1 + Antenna 2 CDD MODE



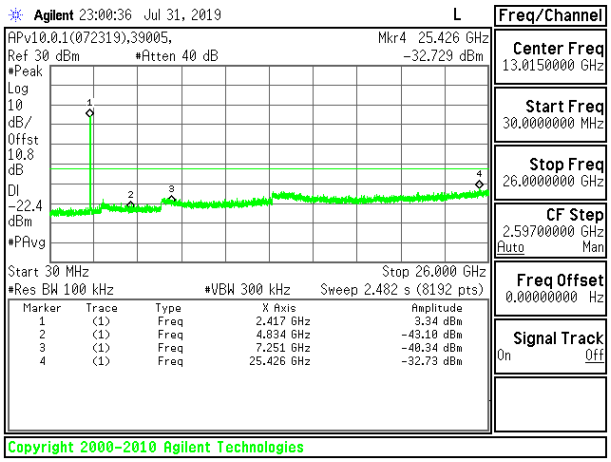
LOW CHANNEL 1 BANDEDGE CHAIN 0



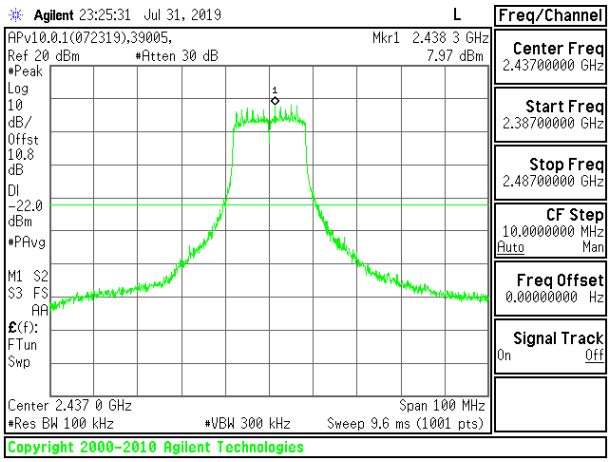
OUT-OF-BAND LOW CHANNEL 1 CHAIN 0



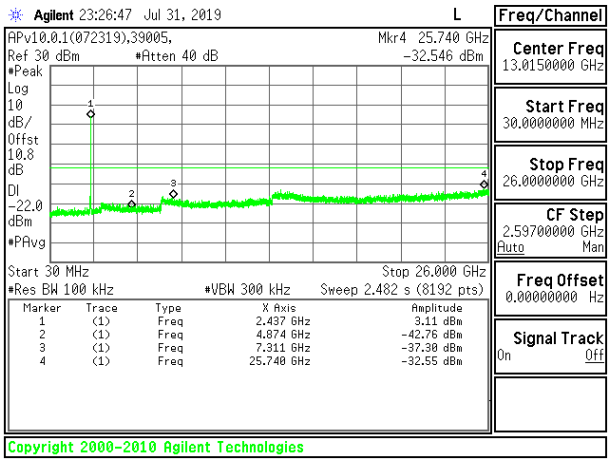
LOW CHANNEL 2 BANDEDGE CHAIN 0



OUT-OF-BAND LOW CHANNEL 2 CHAIN 0



IN-BAND REFERENCE LEVEL CHAIN 0



OUT-OF-BAND MID CHANNEL CHAIN 0

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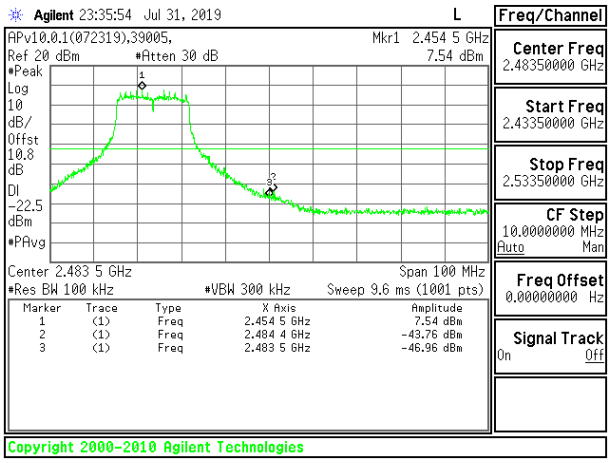
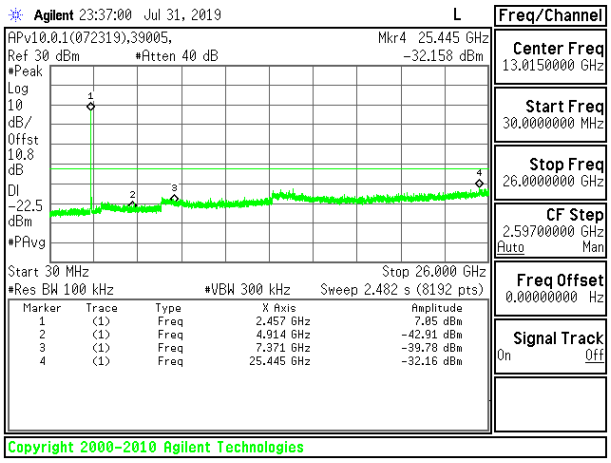
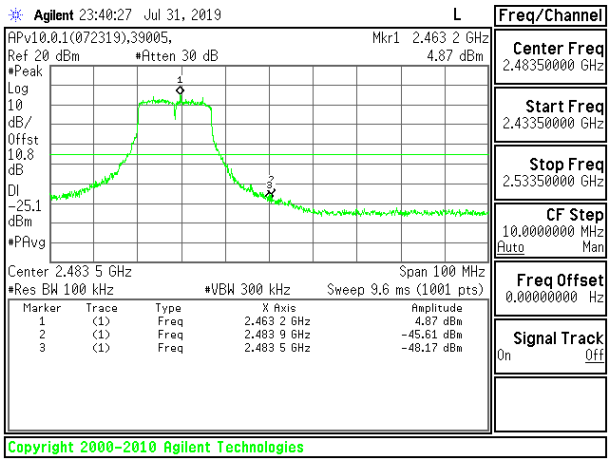


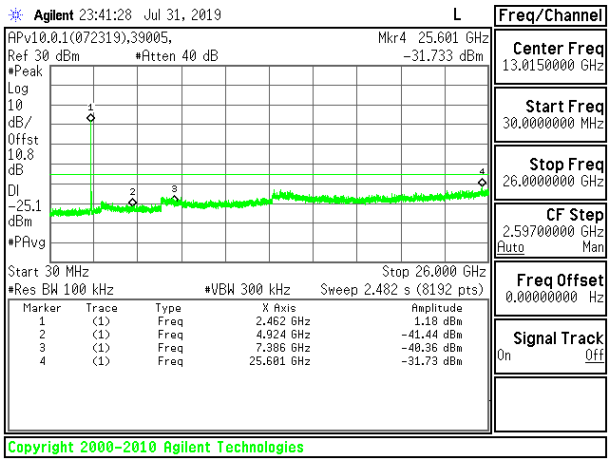
HIGH CHANNEL 10 BANDEDGE CHAIN 0



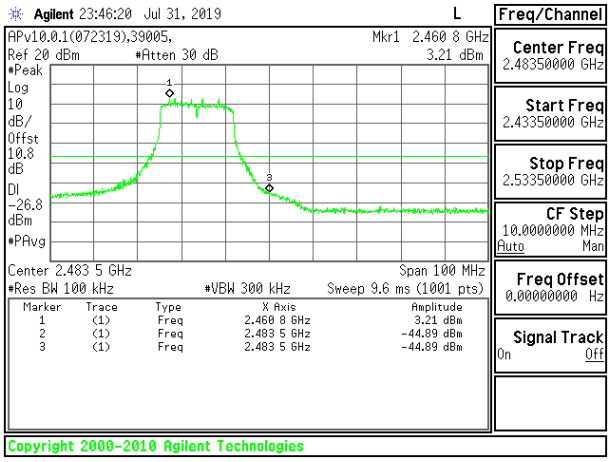
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0



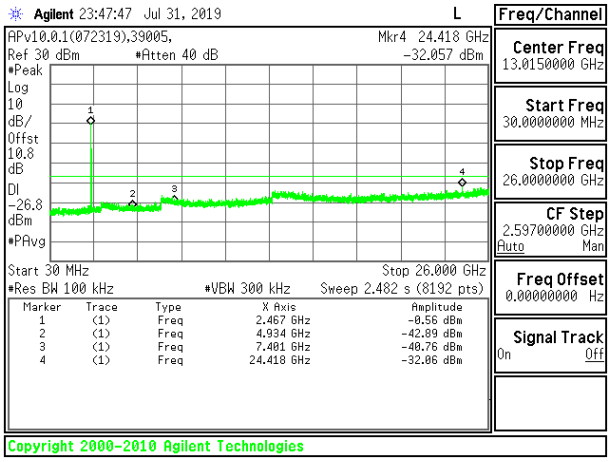
HIGH CHANNEL 11 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0



HIGH CHANNEL 12 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0

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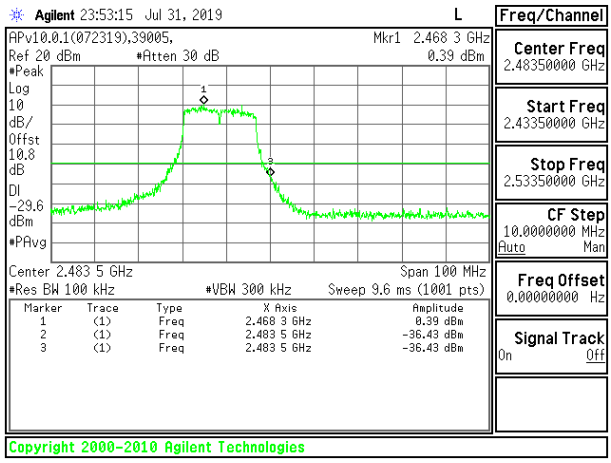
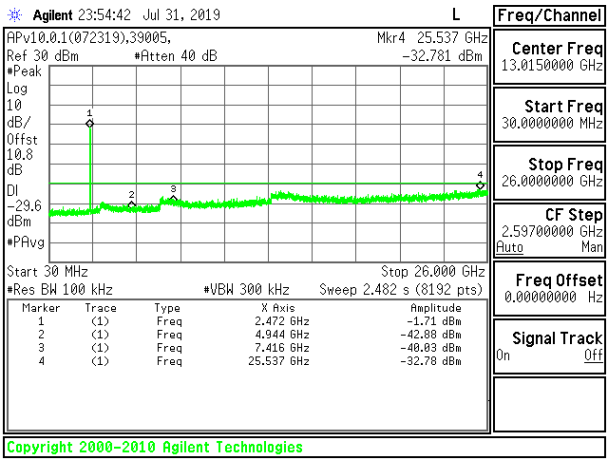


HIGH CHANNEL 13 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0

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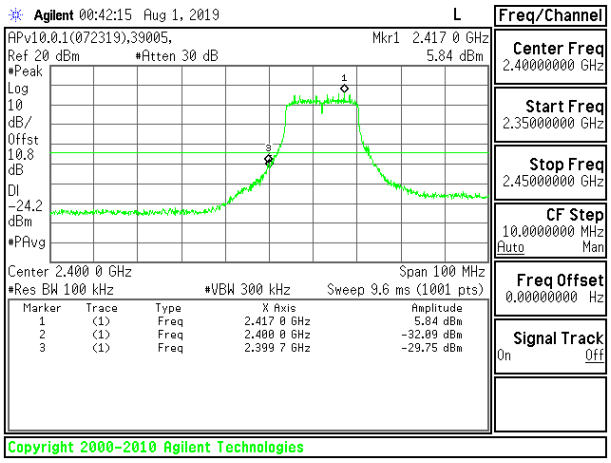
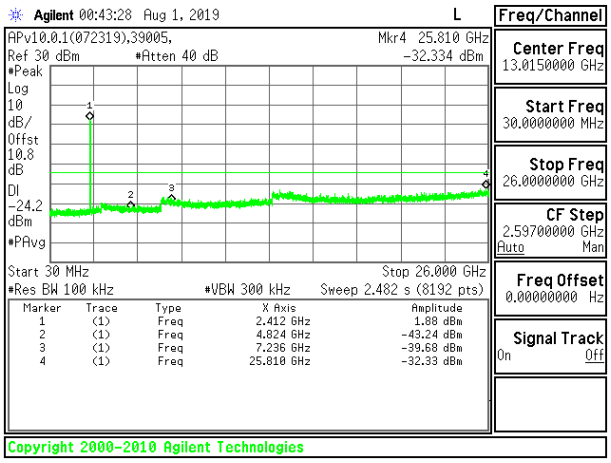
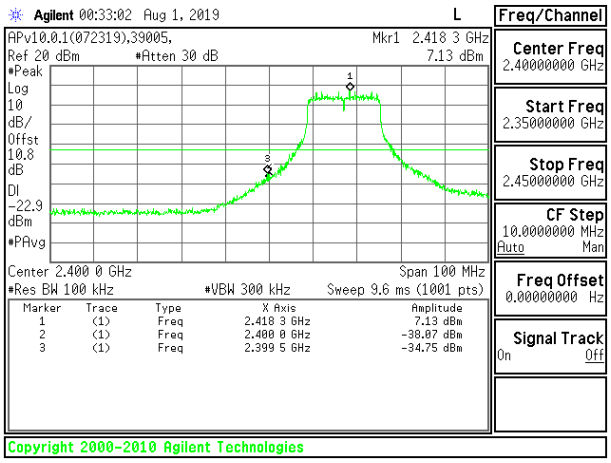


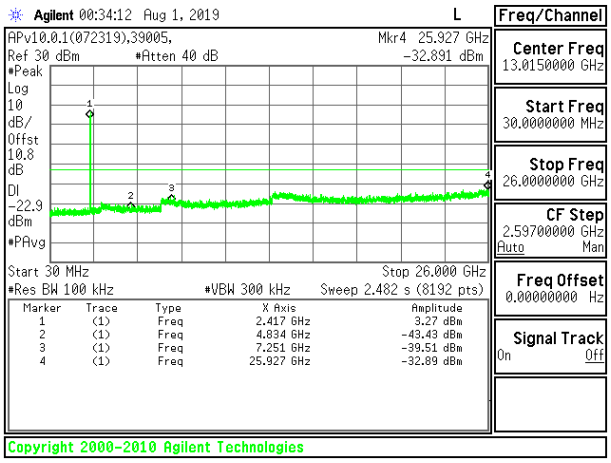
LOW CHANNEL 1 BANDEDGE CHAIN 1



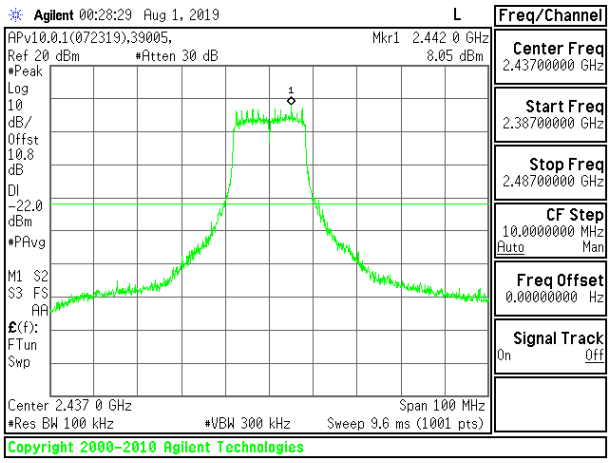
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



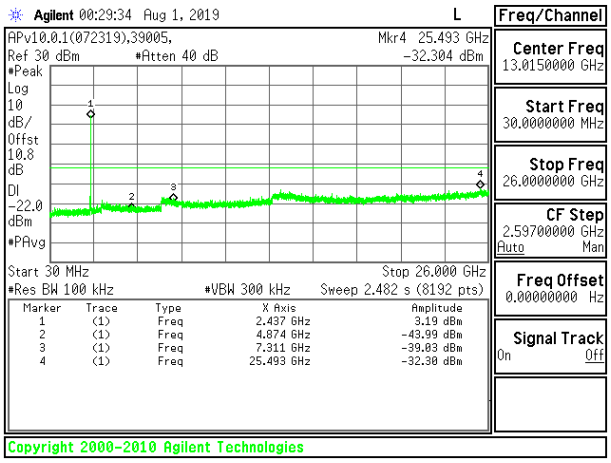
LOW CHANNEL 2 BANDEDGE CHAIN 1



OUT-OF-BAND LOW CHANNEL 2 CHAIN 1



IN-BAND REFERENCE LEVEL CHAIN 1



OUT-OF-BAND MID CHANNEL CHAIN 1

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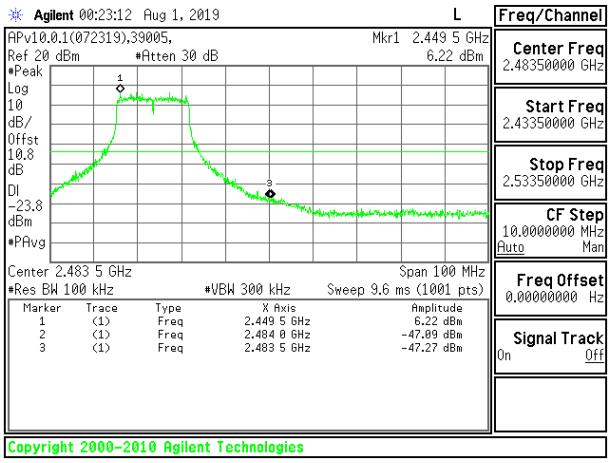
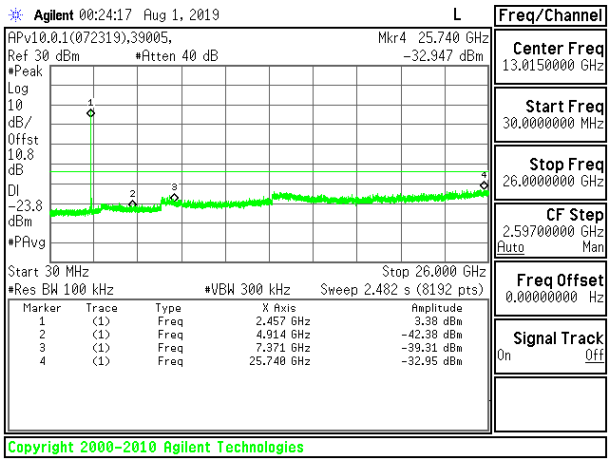
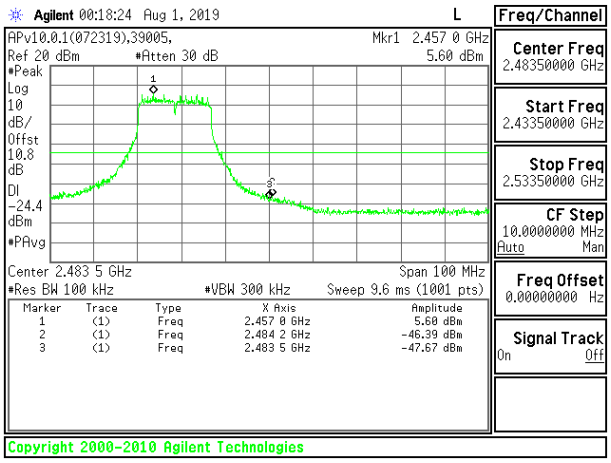


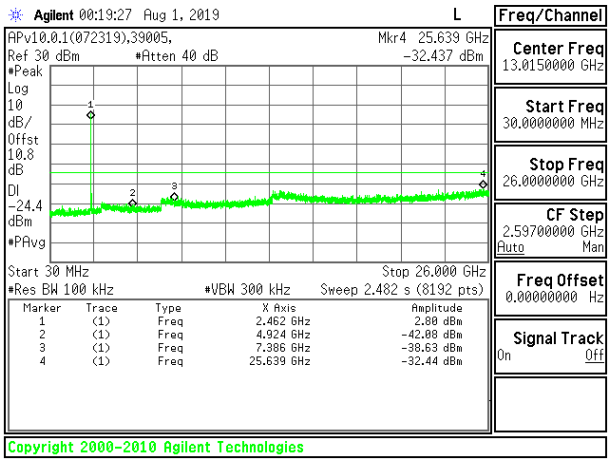
HIGH CHANNEL 10 BANDEDGE CHAIN 1



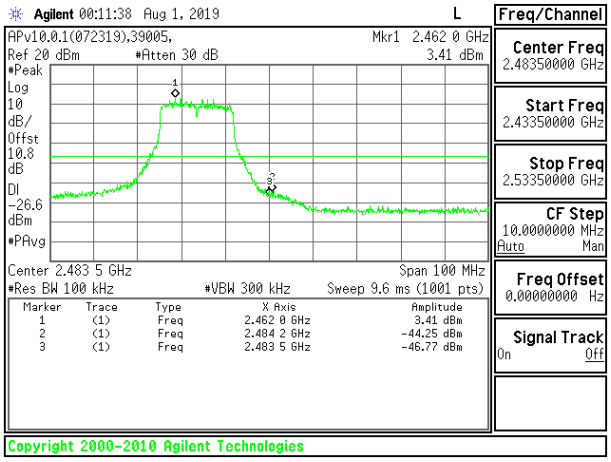
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 1



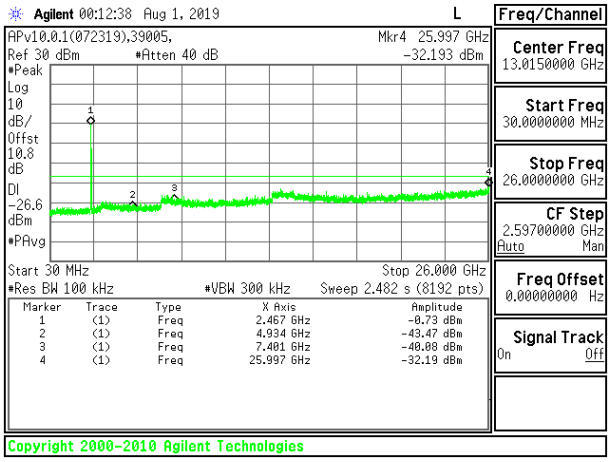
HIGH CHANNEL 11 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



HIGH CHANNEL 12 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1

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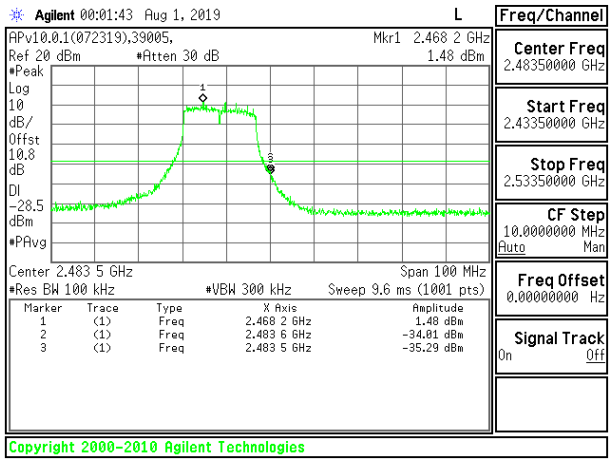
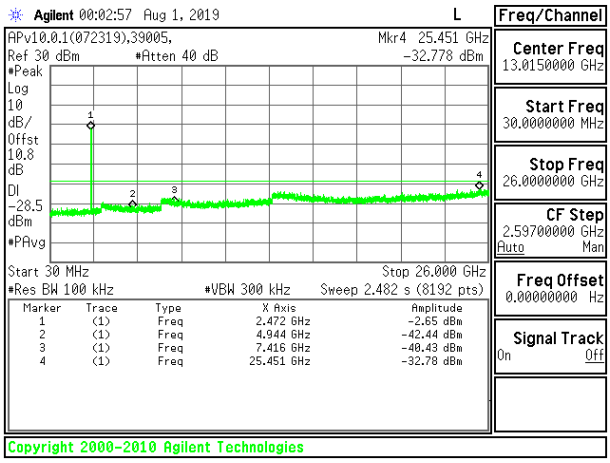


HIGH CHANNEL 13 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

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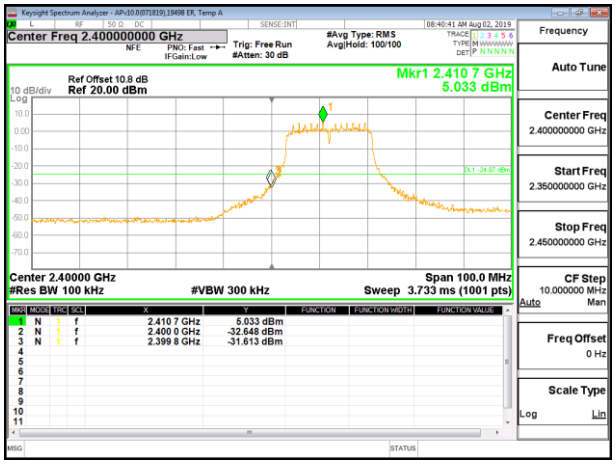
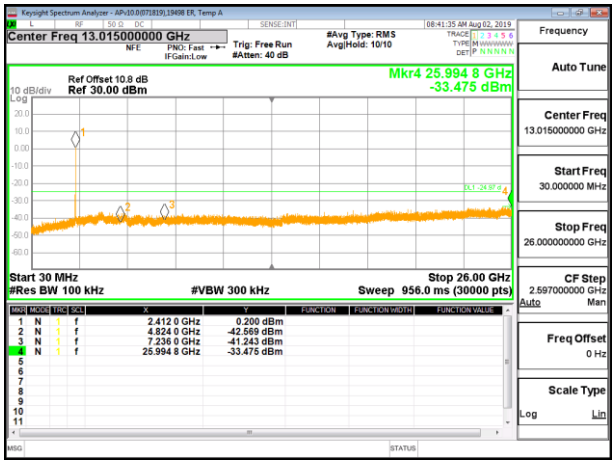
8.6.3. 802.11n HT20 MODE

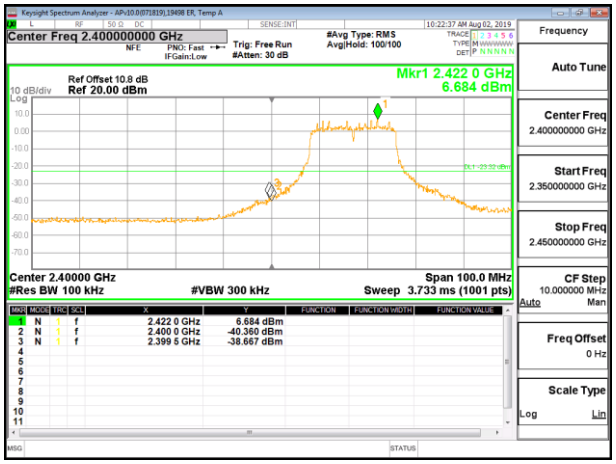
2TX Antenna 1 + Antenna 2 CDD MODE



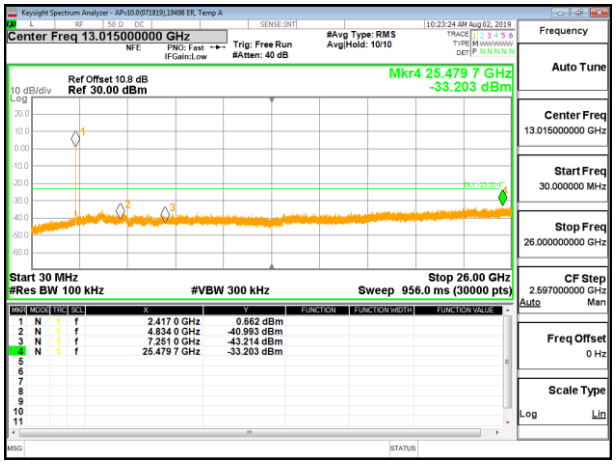
LOW CHANNEL 1 BANDEDGE CHAIN 0



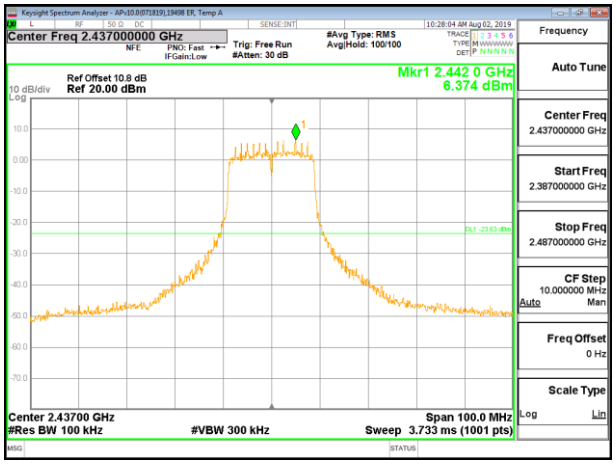
OUT-OF-BAND LOW CHANNEL 1 CHAIN 0



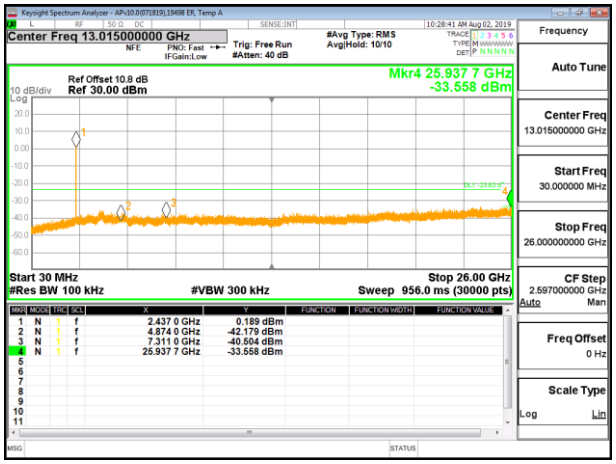
LOW CHANNEL 2 BANDEDGE CHAIN 0



OUT-OF-BAND LOW CHANNEL 2 CHAIN 0



IN-BAND REFERENCE LEVEL CHAIN 0



OUT-OF-BAND MID CHANNEL CHAIN 0

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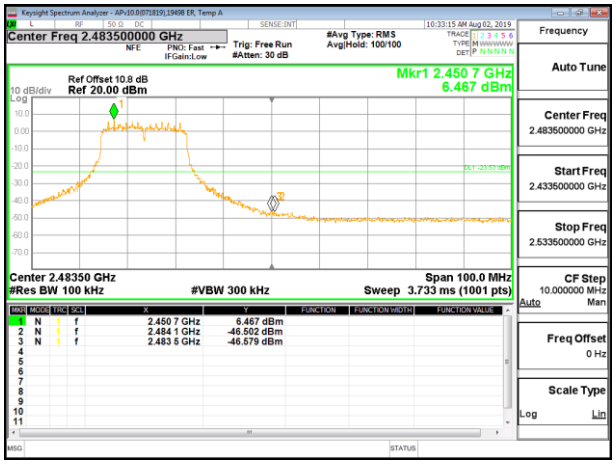
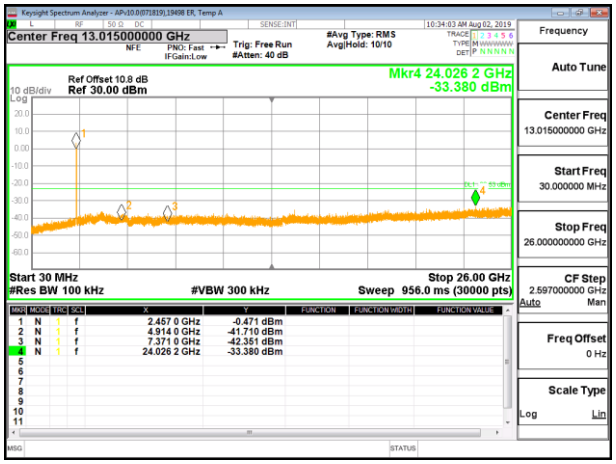
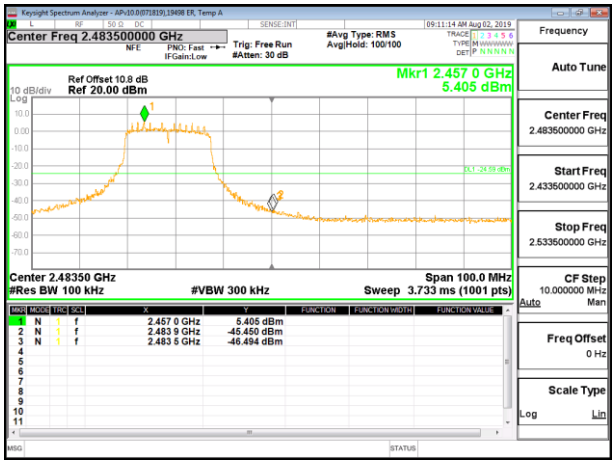


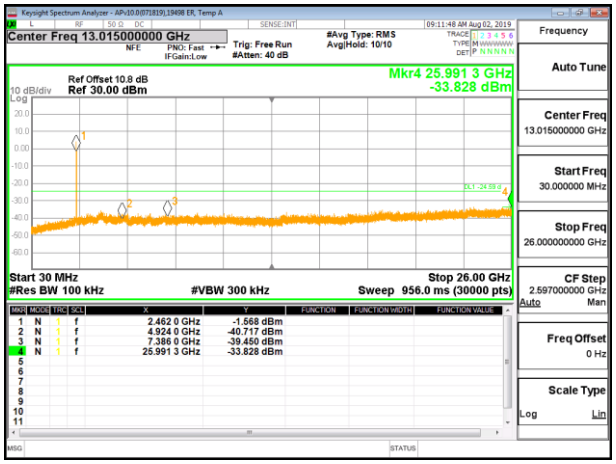
HIGH CHANNEL 10 BANDEDGE CHAIN 0



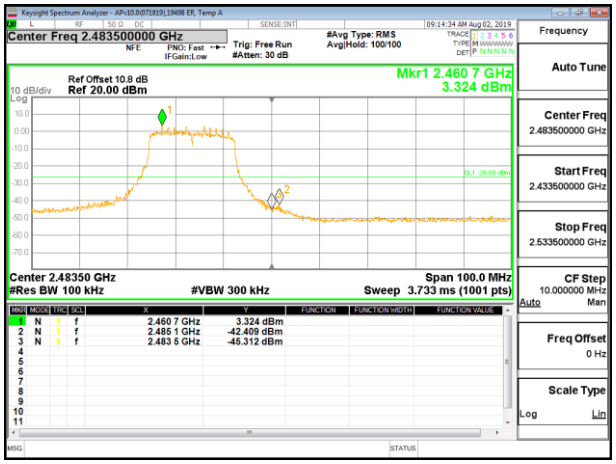
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0



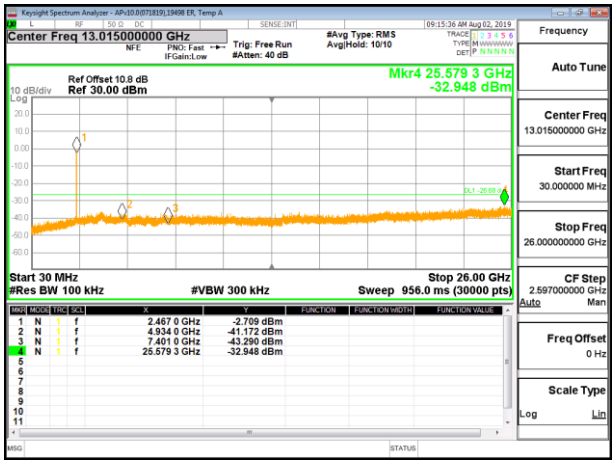
HIGH CHANNEL 11 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0



HIGH CHANNEL 12 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0

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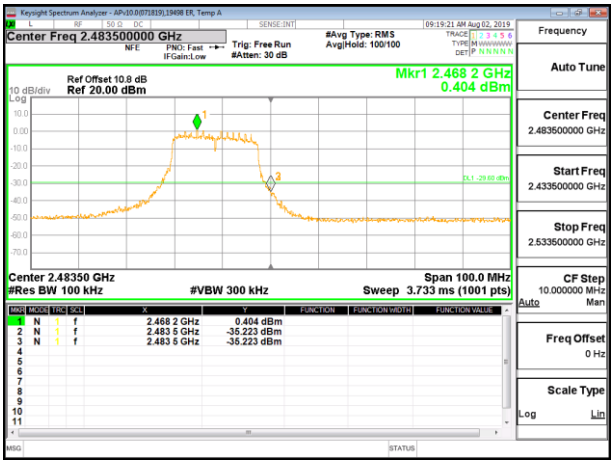
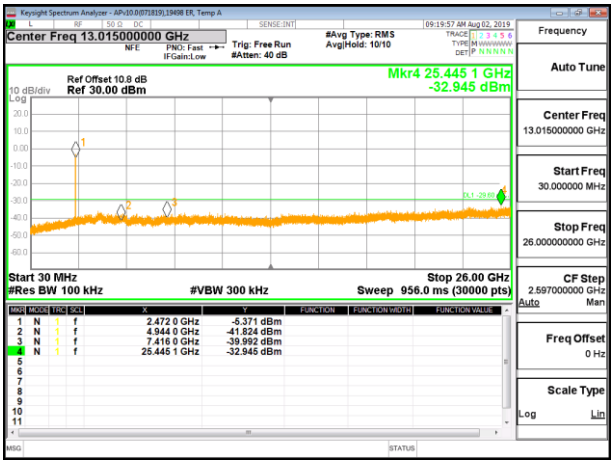


HIGH CHANNEL 13 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0

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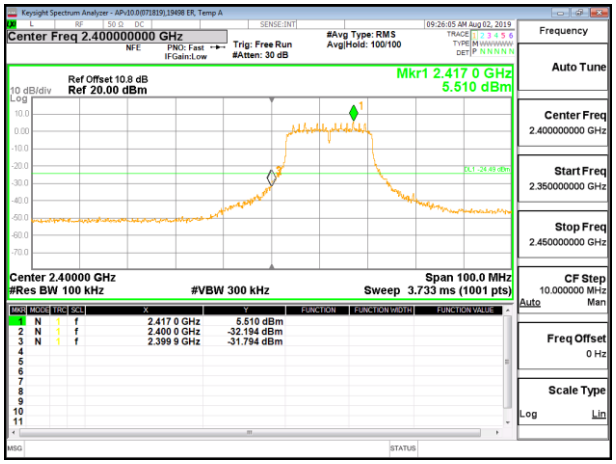
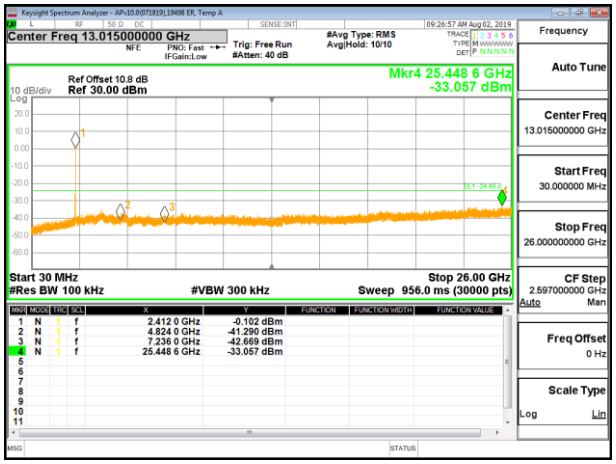
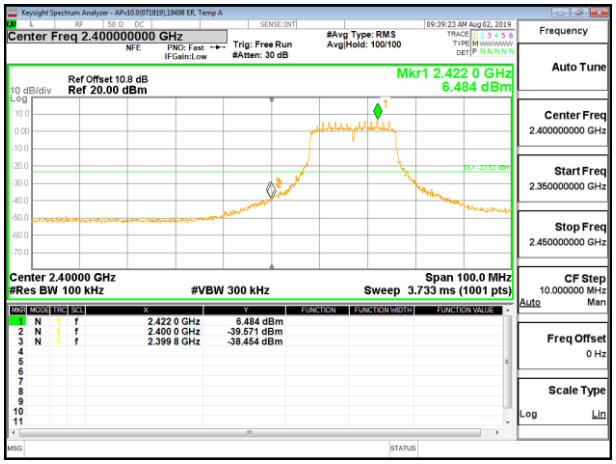


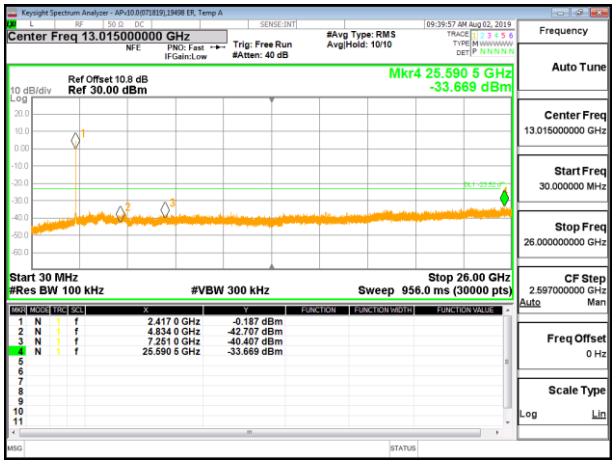
LOW CHANNEL 1 BANDEDGE CHAIN 1



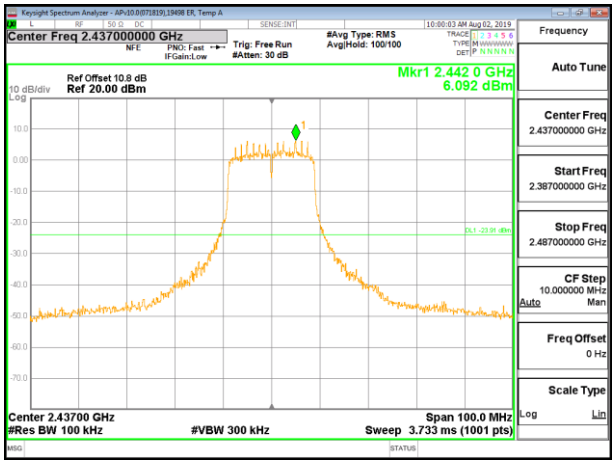
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



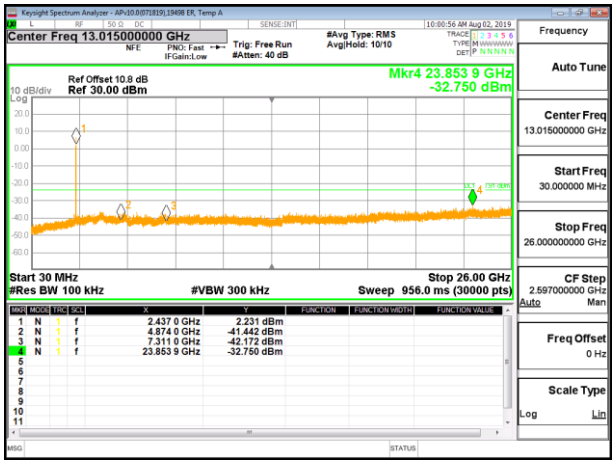
LOW CHANNEL 2 BANDEDGE CHAIN 1



OUT-OF-BAND LOW CHANNEL 2 CHAIN 1



IN-BAND REFERENCE LEVEL CHAIN 1



OUT-OF-BAND MID CHANNEL CHAIN 1

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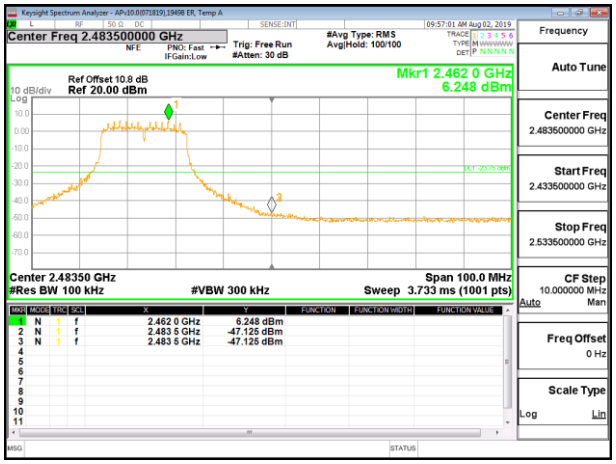
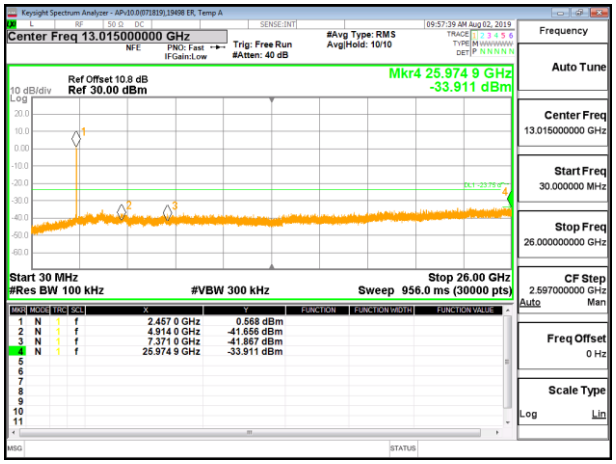
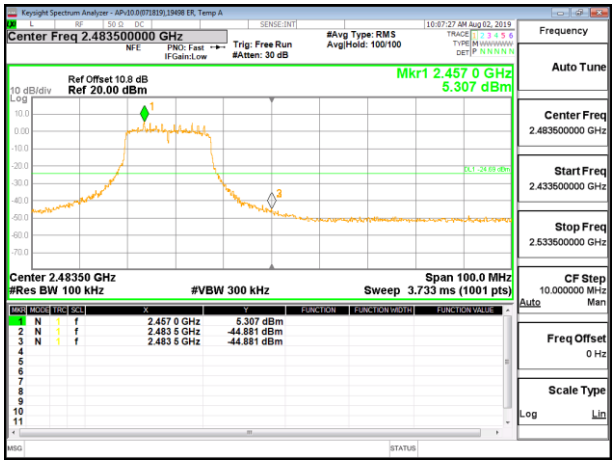


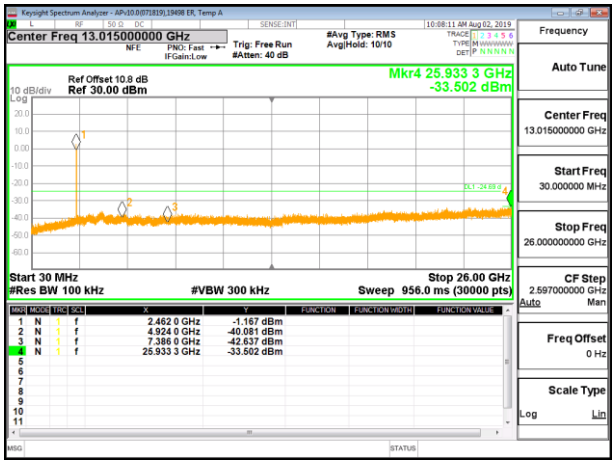
HIGH CHANNEL 10 BANDEDGE CHAIN 1



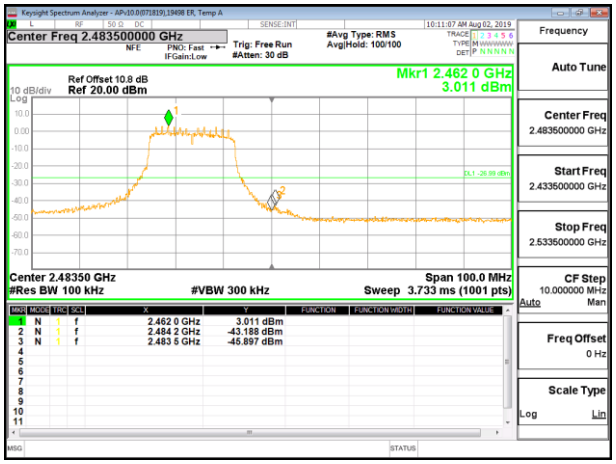
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 1



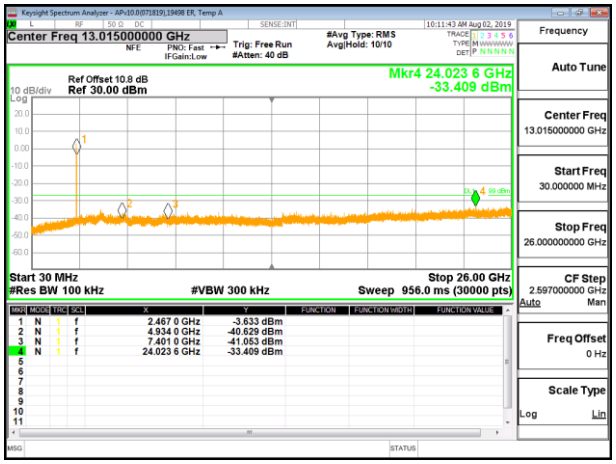
HIGH CHANNEL 11 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



HIGH CHANNEL 12 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 12 CHAIN 1

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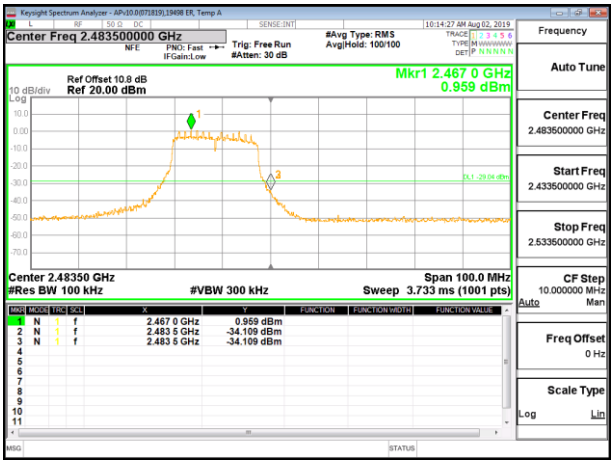
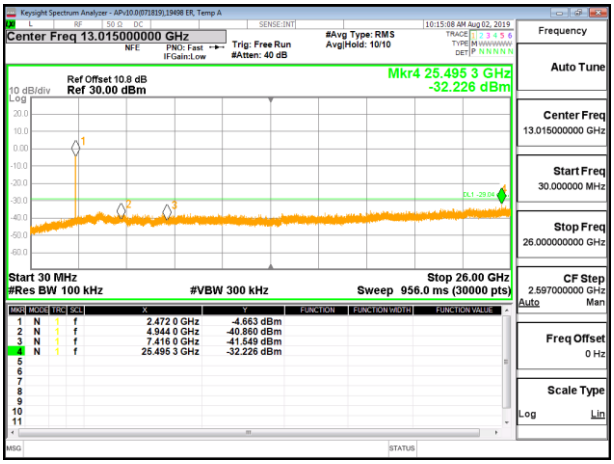


HIGH CHANNEL 13 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

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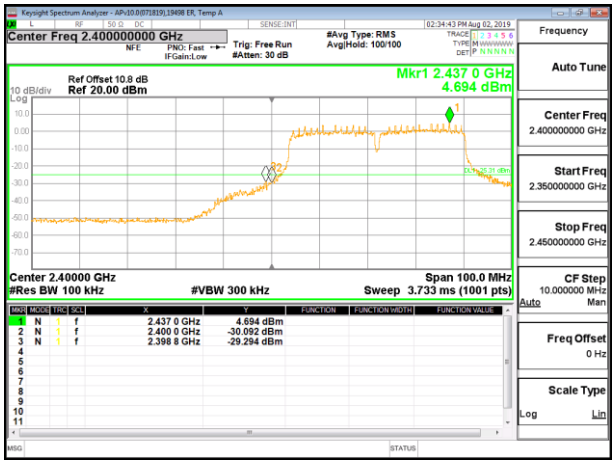
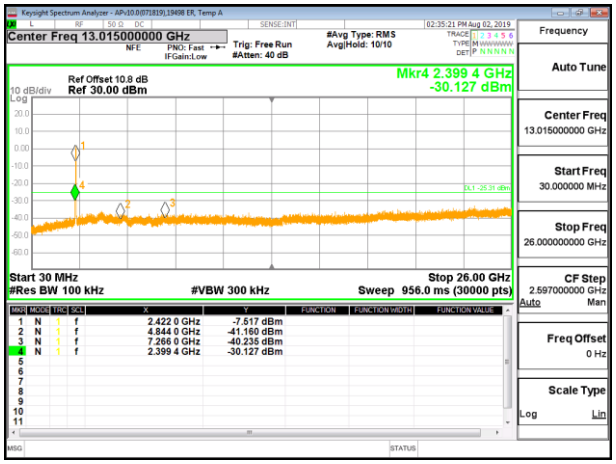
8.6.4. 802.11n HT40 MODE

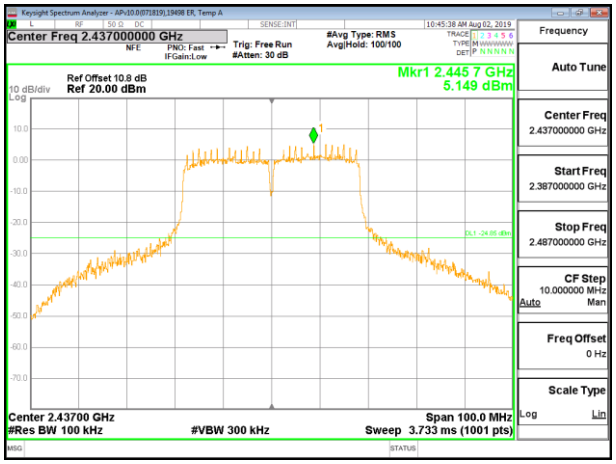
2TX Antenna 1 + Antenna 2 CDD MODE



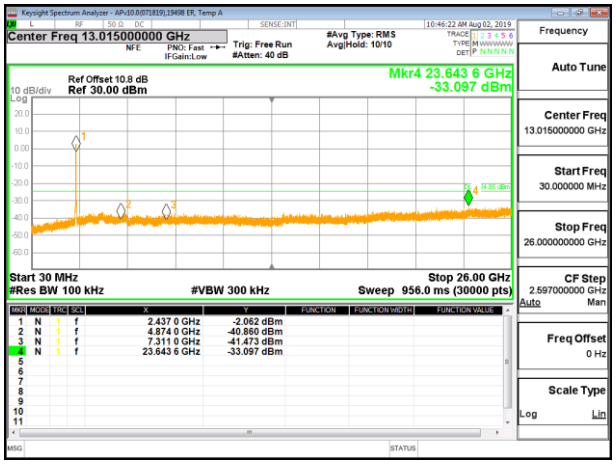
LOW CHANNEL 3 BANDEDGE CHAIN 0



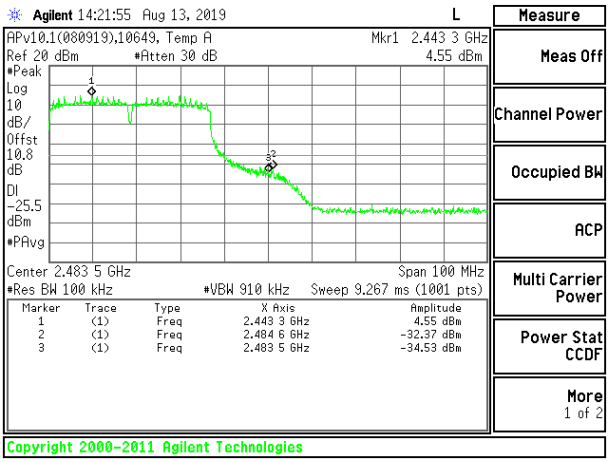
OUT-OF-BAND LOW CHANNEL 3 CHAIN 0



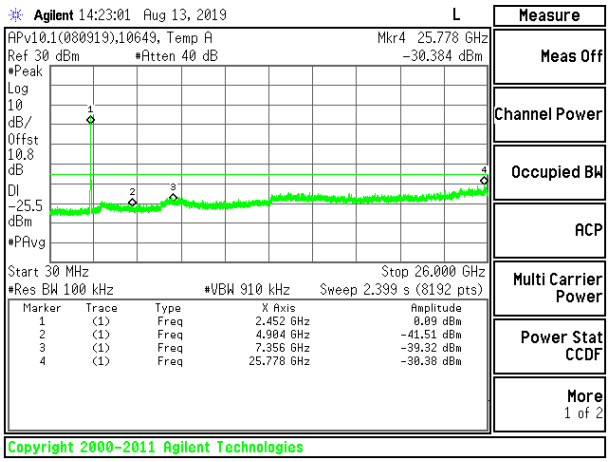
IN-BAND REFERENCE LEVEL CHAIN 0



OUT-OF-BAND MID CHANNEL CHAIN 0



HIGH CHANNEL 9 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 9 CHAIN 0

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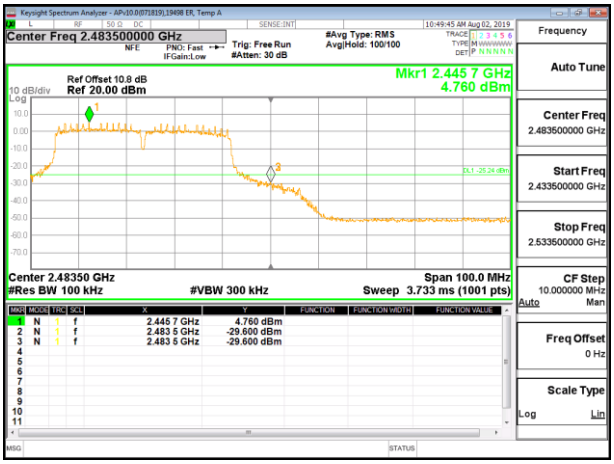
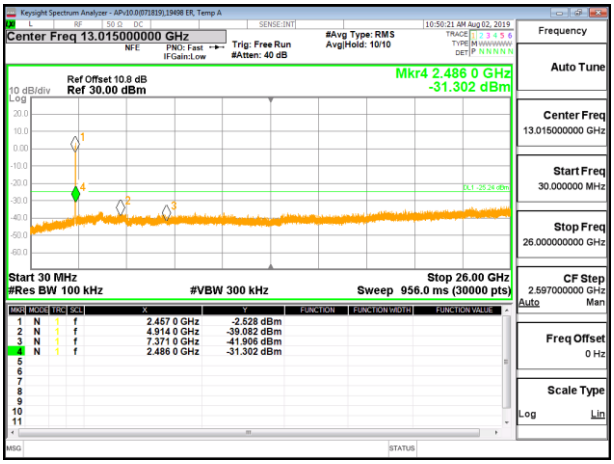
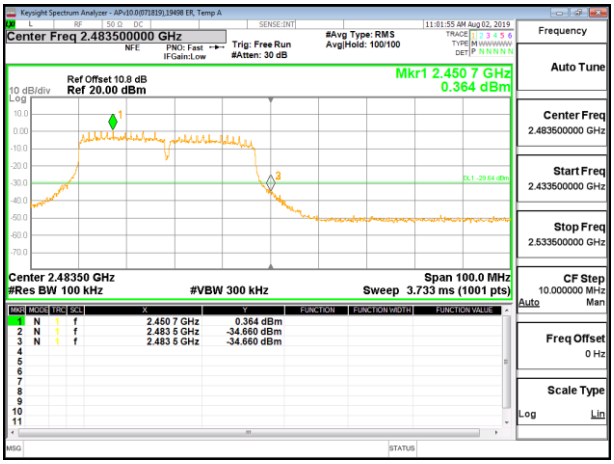


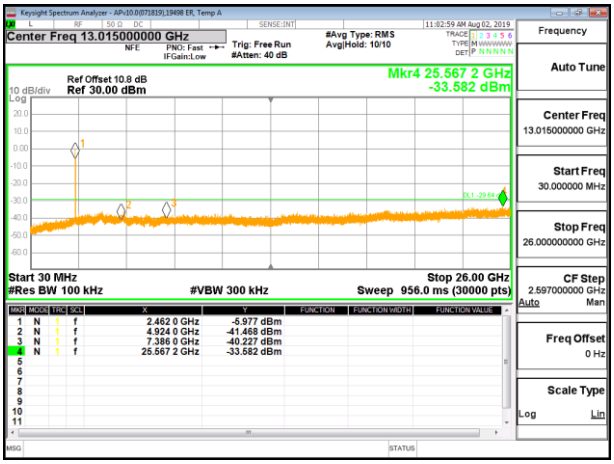
HIGH CHANNEL 10 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0



HIGH CHANNEL 11 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0

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