

### 9.6.2. 802.11g MODE

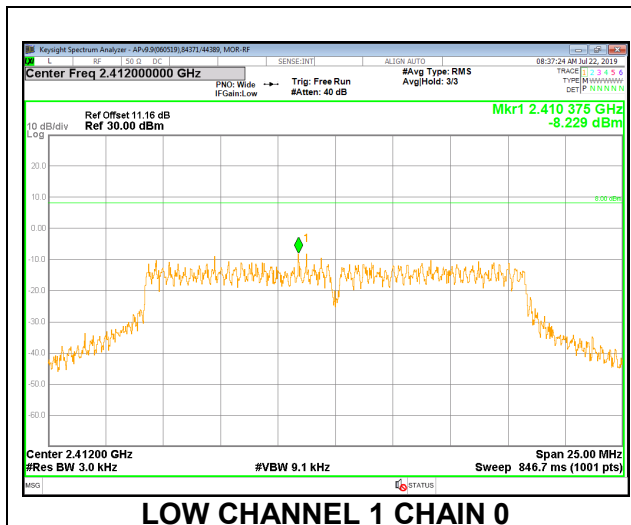
#### 2TX Chain 0 + Chain 1 CDD MODE

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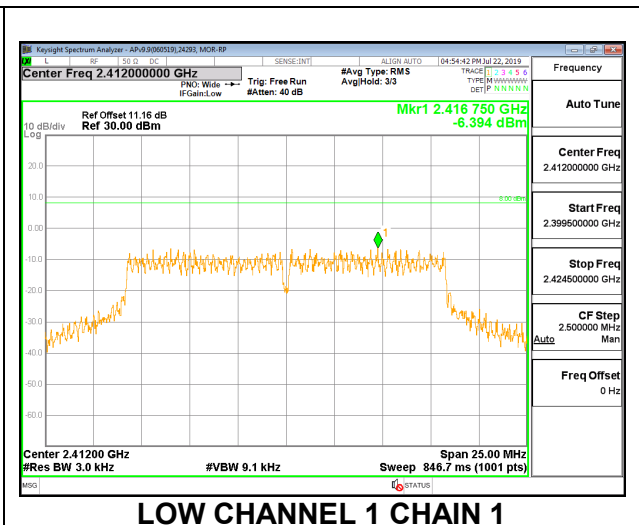
#### PSD Results

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 1	2412	-8.23	-6.39	-4.20	8.0	-12.2
Mid 6	2437	-7.74	-9.02	-5.32	8.0	-13.3
High 11	2462	-9.89	-8.82	-6.31	8.0	-14.3
High 12	2467	-11.69	-10.38	-7.97	8.0	-16.0
High 13	2472	-13.99	-13.59	-10.77	8.0	-18.8

### LOW CHANNEL 1

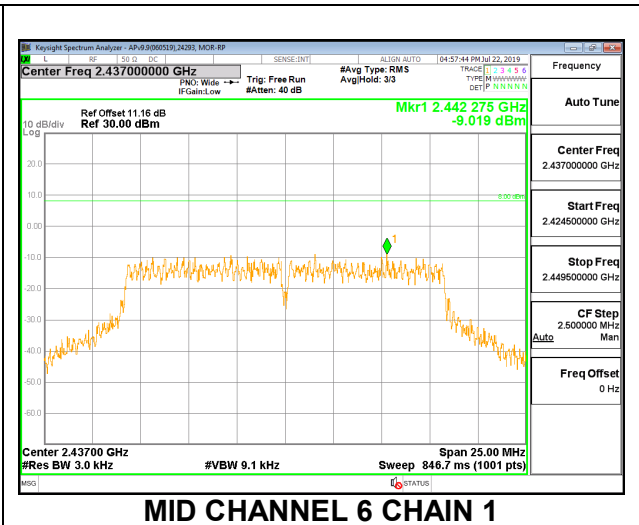
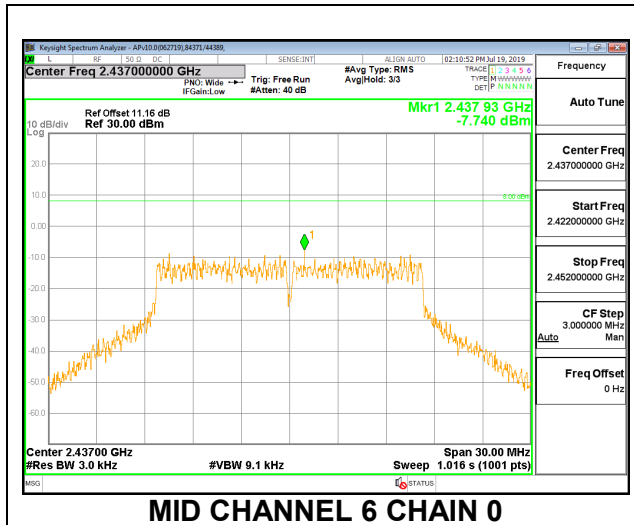


LOW CHANNEL 1 CHAIN 0

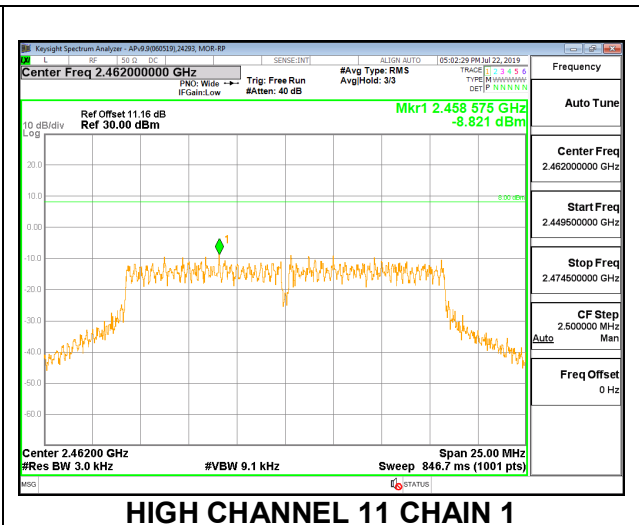
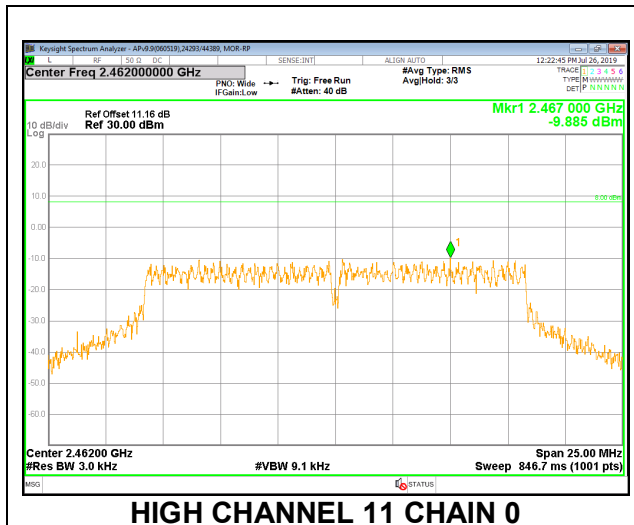


LOW CHANNEL 1 CHAIN 1

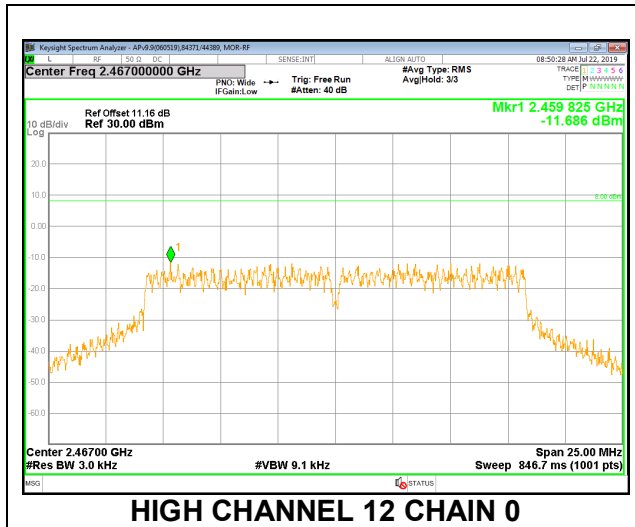
### MID CHANNEL 6



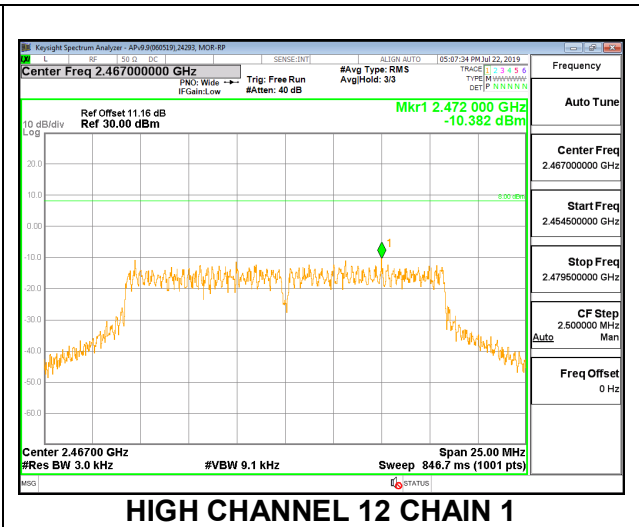
### HIGH CHANNEL 11



### HIGH CHANNEL 12

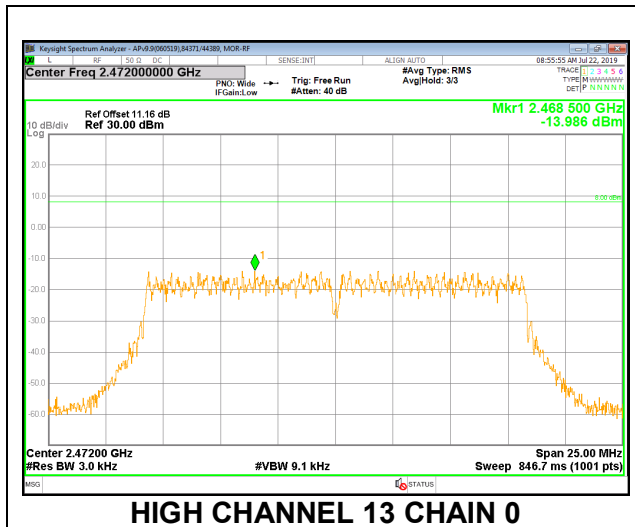


HIGH CHANNEL 12 CHAIN 0

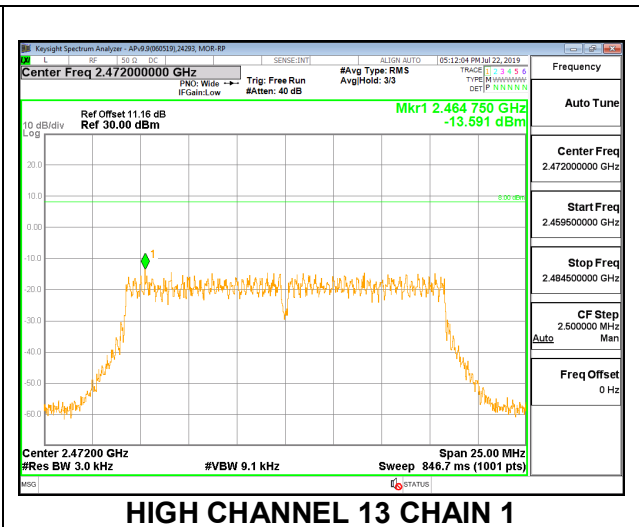


HIGH CHANNEL 12 CHAIN 1

### HIGH CHANNEL 13



HIGH CHANNEL 13 CHAIN 0



HIGH CHANNEL 13 CHAIN 1

### 9.6.3. 802.11n HT20 MODE

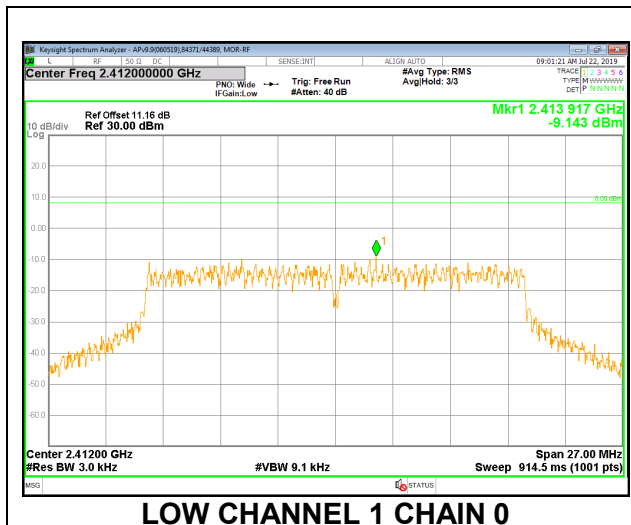
#### 2TX Chain 0 + Chain 1 SDM MODE

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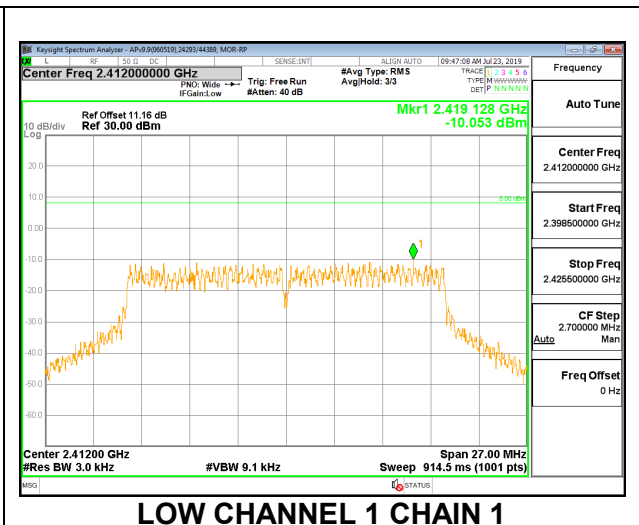
#### PSD Results

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 1	2412	-9.14	-10.05	-6.56	8.0	-14.6
Mid 6	2437	-9.60	-9.65	-6.61	8.0	-14.6
High 11	2462	-11.78	-11.81	-8.79	8.0	-16.8
High 12	2467	-12.18	-11.63	-8.88	8.0	-16.9
High 13	2472	-14.19	-13.42	-10.78	8.0	-18.8

### LOW CHANNEL 1

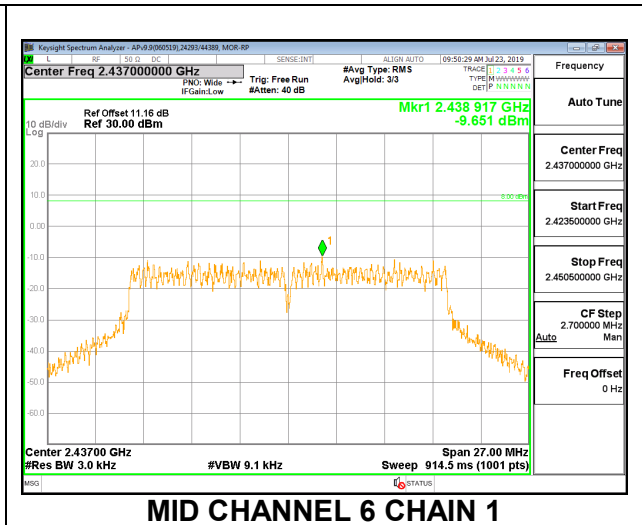
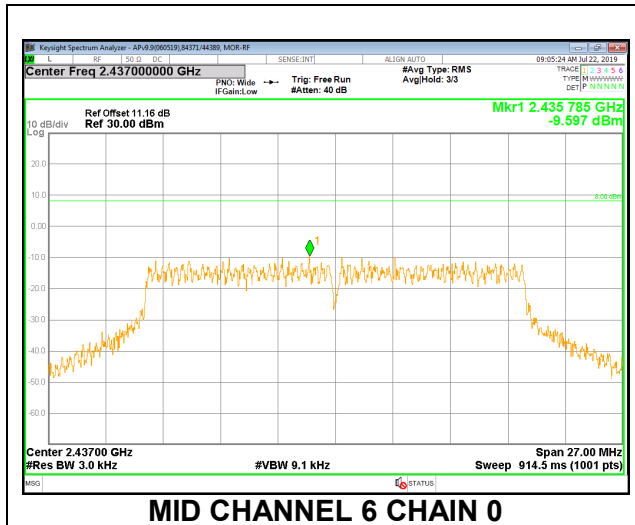


LOW CHANNEL 1 CHAIN 0

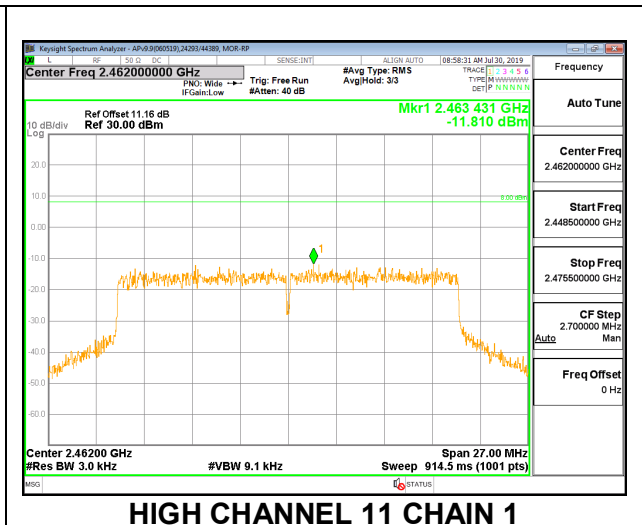
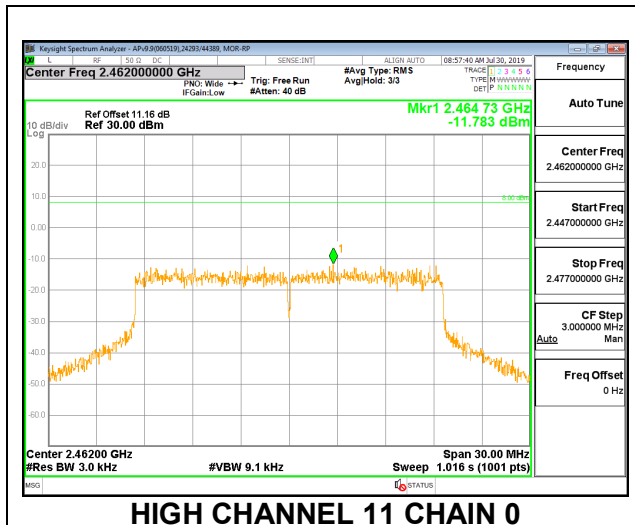


LOW CHANNEL 1 CHAIN 1

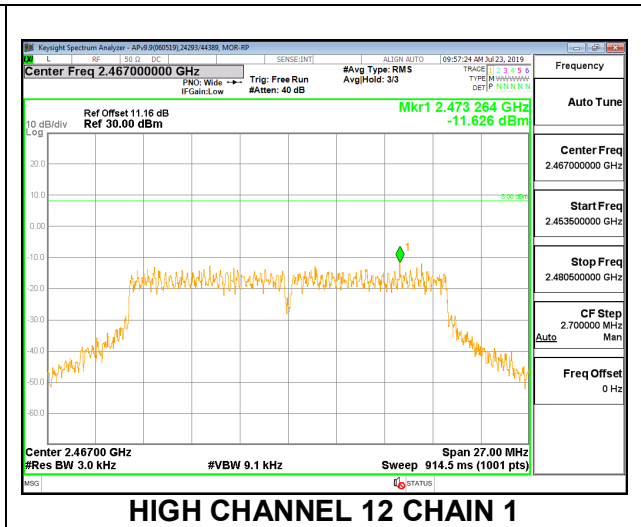
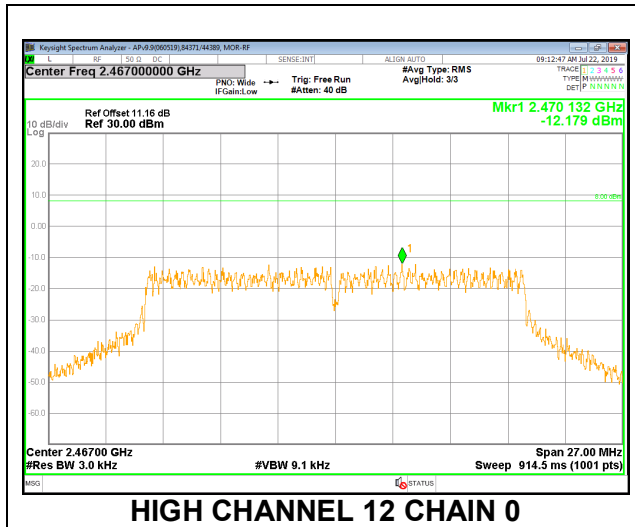
### MID CHANNEL 6



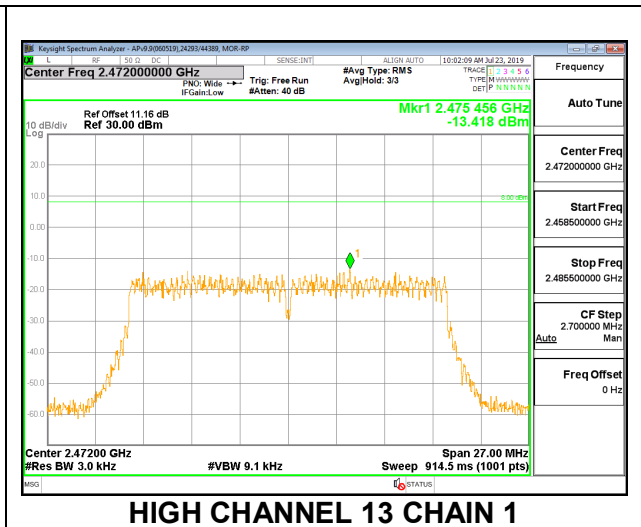
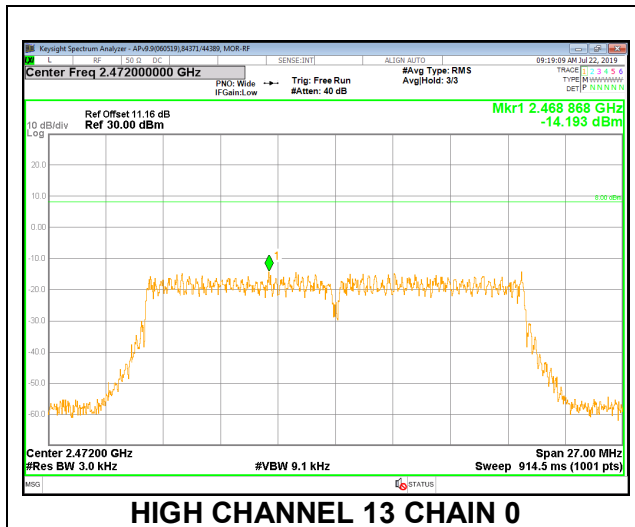
### HIGH CHANNEL 11



### HIGH CHANNEL 12



### HIGH CHANNEL 13



### 9.6.4. 802.11n HT40 MODE

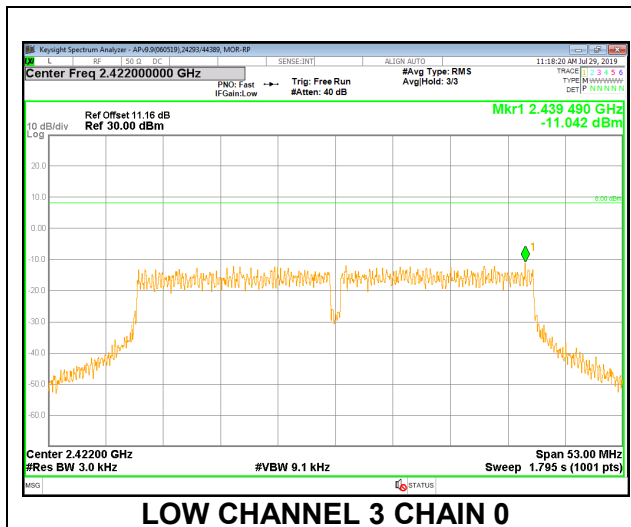
#### 2TX Chain 0 + Chain 1 SDM MODE

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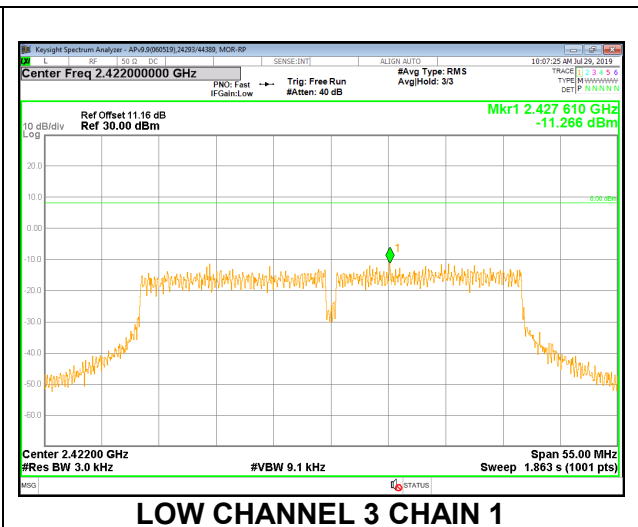
#### PSD Results

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	-11.04	-11.27	-8.14	8.0	-16.1
Mid 6	2437	-11.49	-11.41	-8.44	8.0	-16.4
High 8	2447	-13.22	-14.41	-10.76	8.0	-18.8
High 9	2452	-15.21	-14.60	-11.88	8.0	-19.9
High 10	2457	-16.95	-16.86	-13.89	8.0	-21.9
High 11	2462	-15.49	-15.67	-12.57	8.0	-20.6

### LOW CHANNEL 3

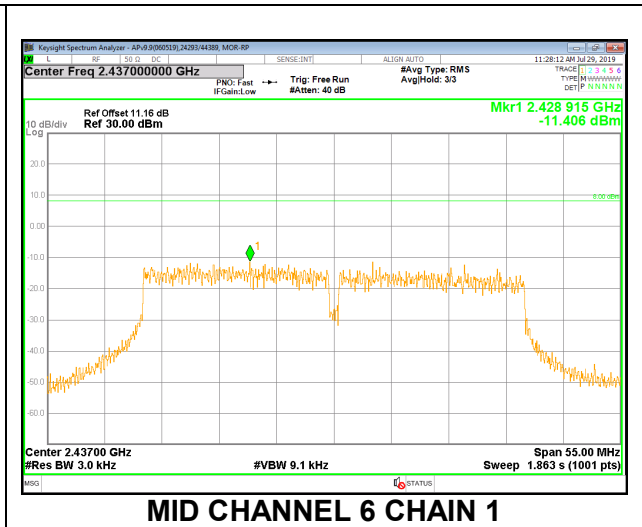
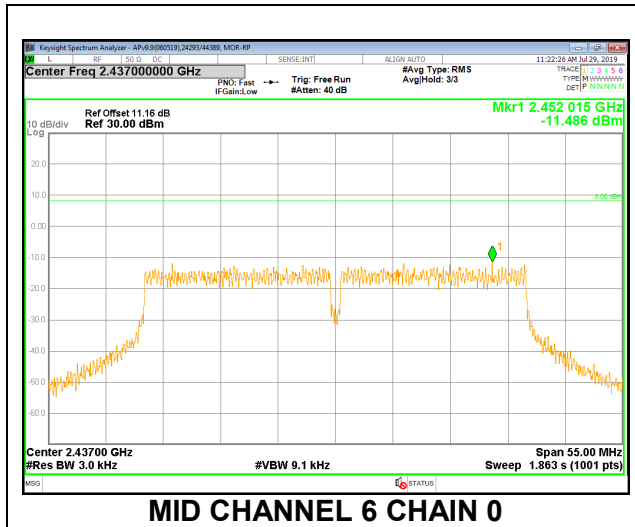


LOW CHANNEL 3 CHAIN 0

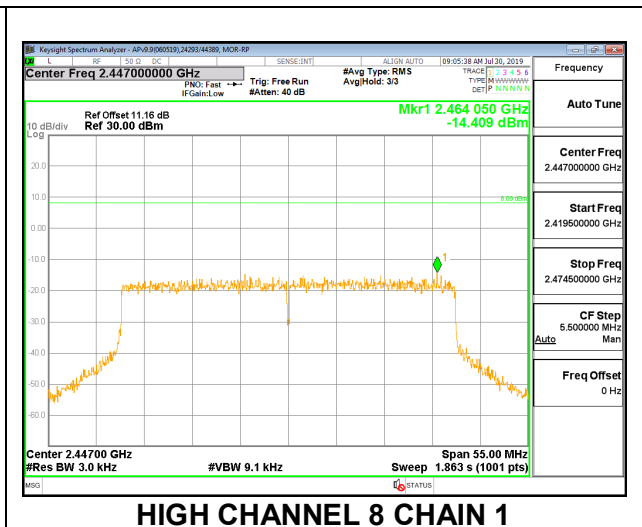
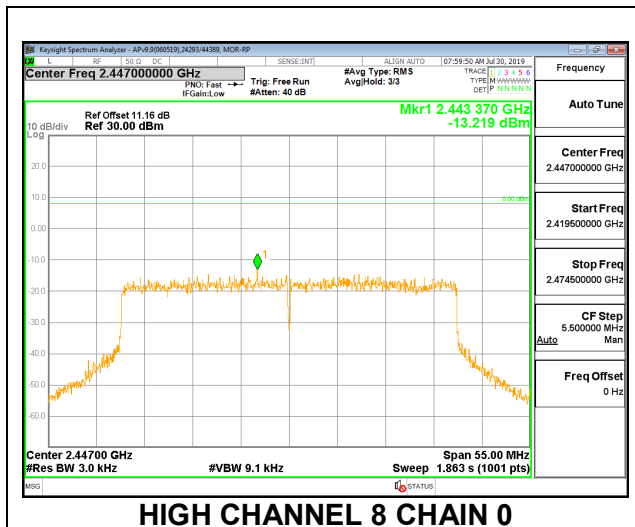


LOW CHANNEL 3 CHAIN 1

### MID CHANNEL 6

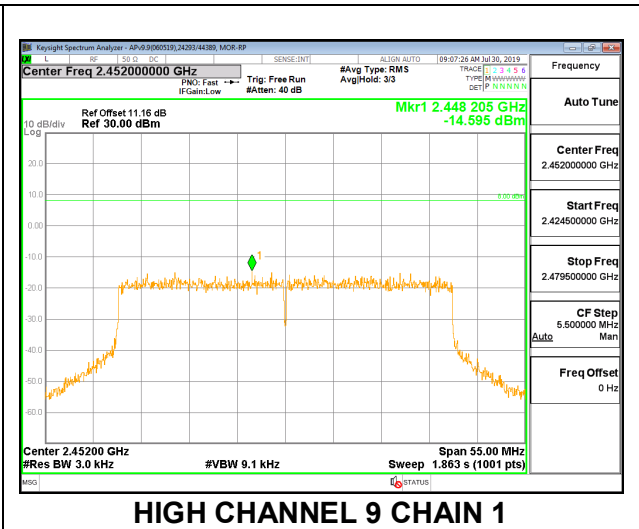
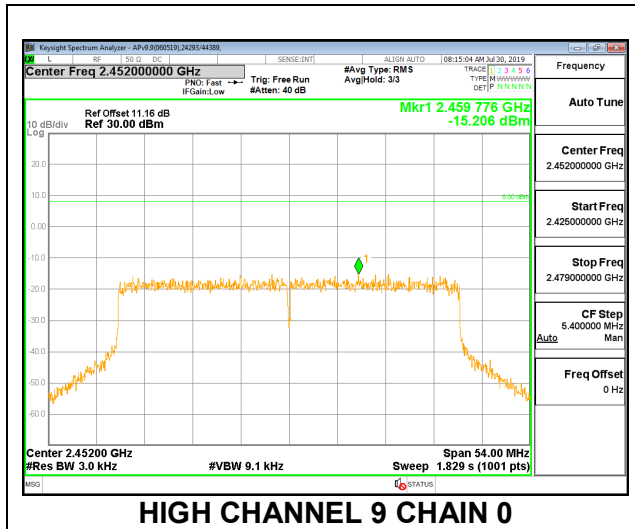


### HIGH CHANNEL 8

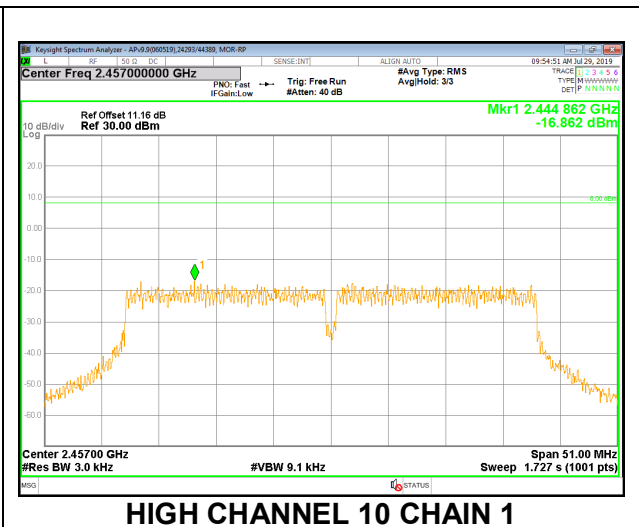
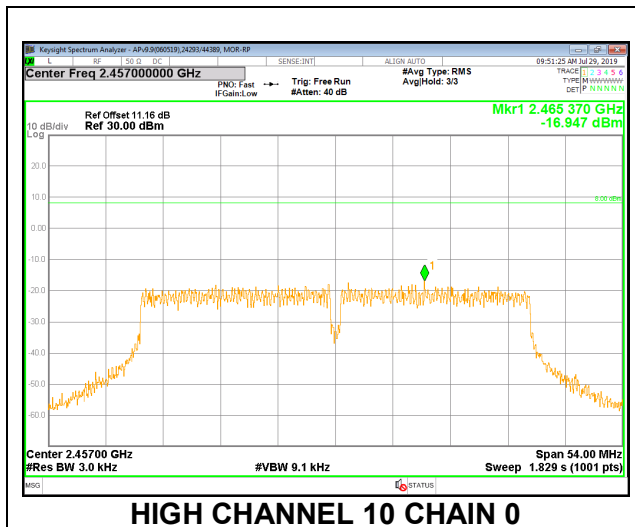




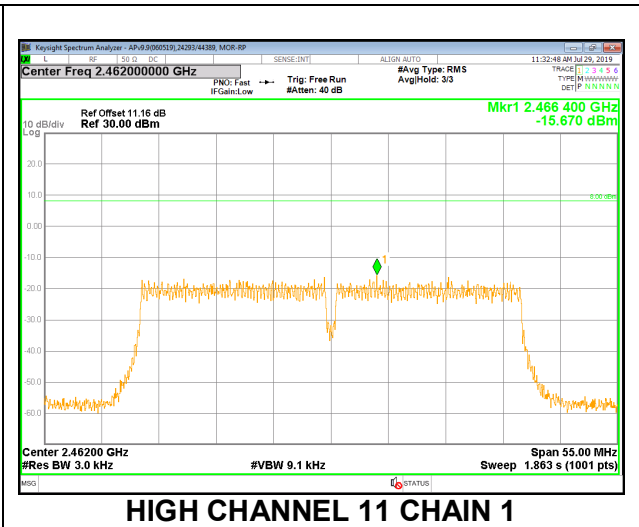
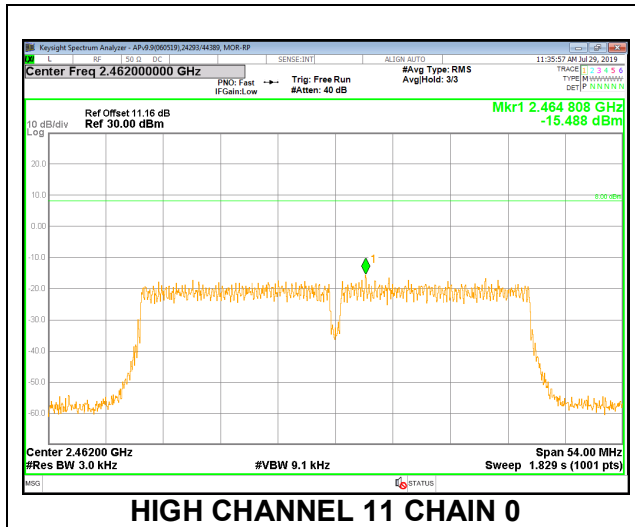
### HIGH CHANNEL 9



### HIGH CHANNEL 10



### HIGH CHANNEL 11



## **9.7. CONDUCTED SPURIOUS EMISSIONS**

### **LIMITS**

FCC §15.247 (d)

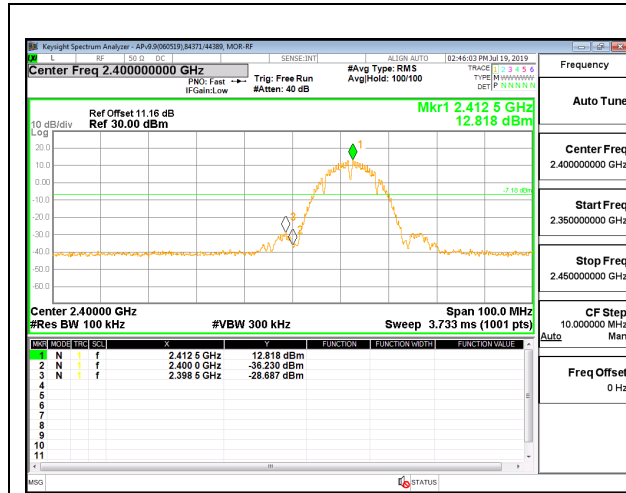
RSS-247 5.5

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

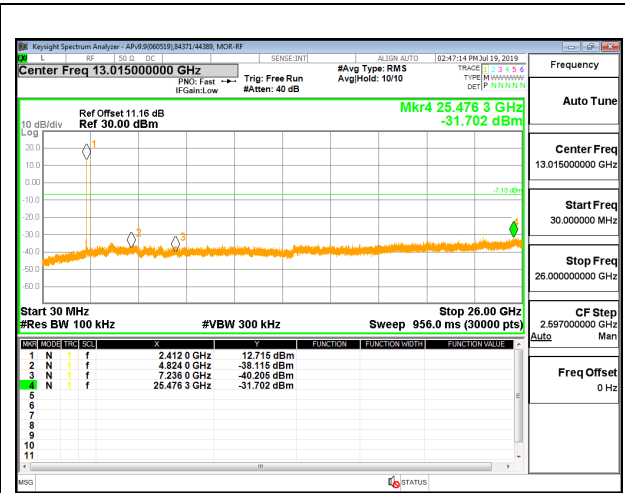
### **RESULTS**

### 9.7.1. 802.11b MODE

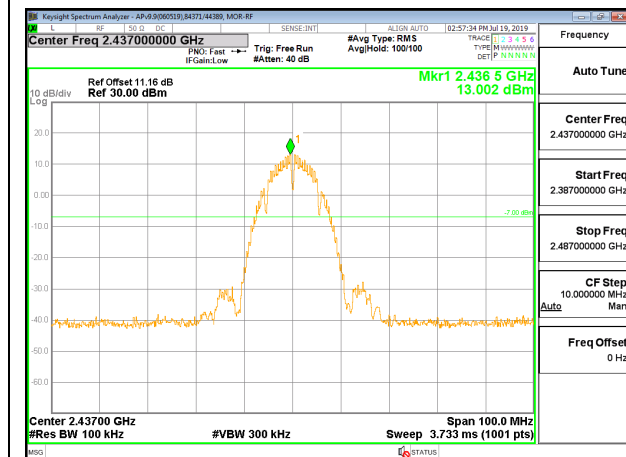
#### 2TX Chain 0 + Chain 1 CDD MODE



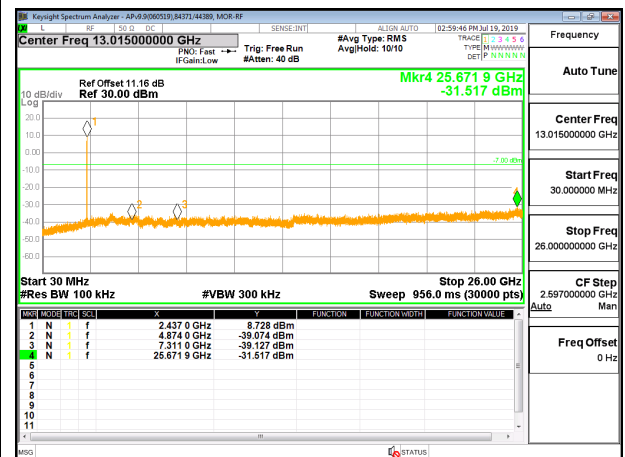
**LOW CHANNEL 1 BANDEDGE CHAIN 0**



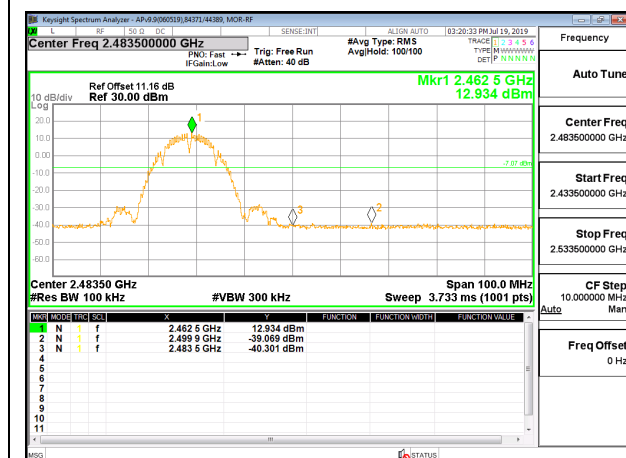
**OUT-OF-BAND LOW CHANNEL 1 CHAIN 0**



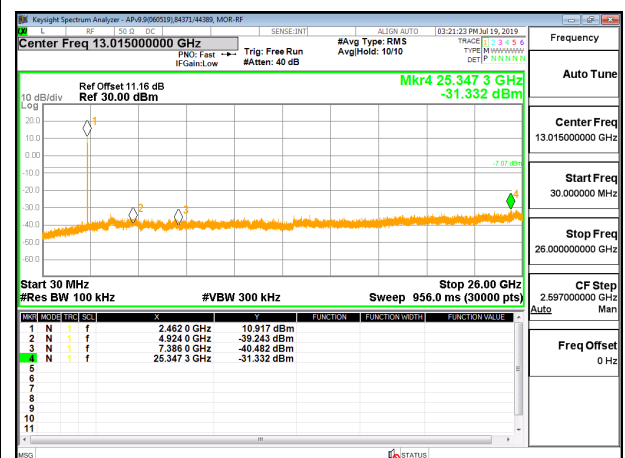
**IN-BAND REFERENCE LEVEL CHAIN 0**



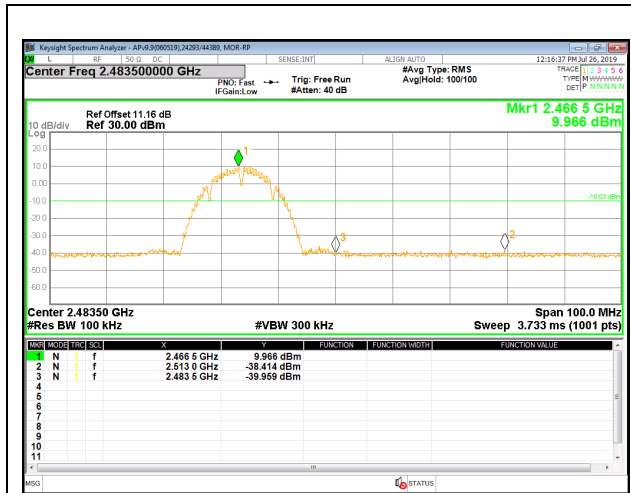
**OUT-OF-BAND MID CHANNEL CHAIN 0**



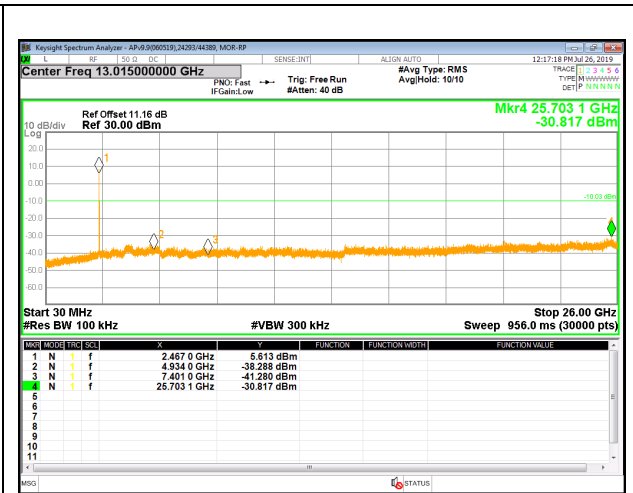
**HIGH CHANNEL 11 BANDEDGE CHAIN 0**



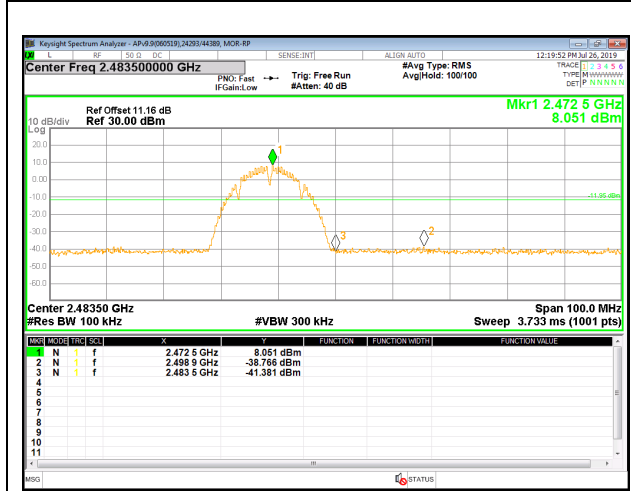
**OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0**



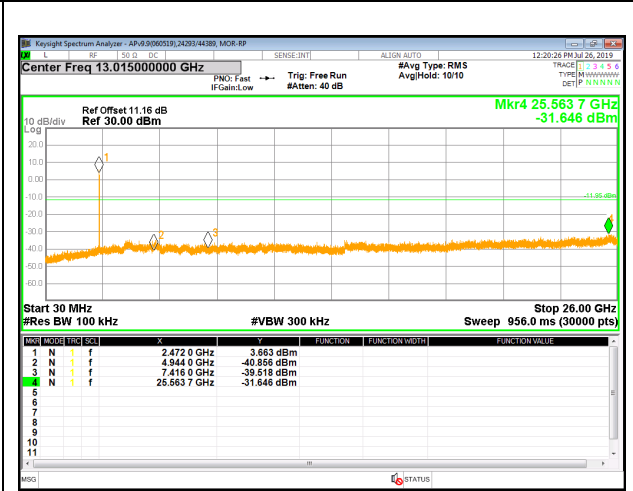
**HIGH CHANNEL 12 BANDEDGE CHAIN 0**



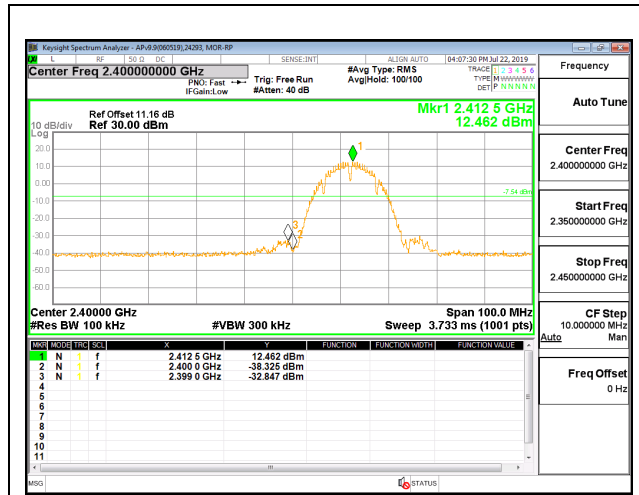
**OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0**



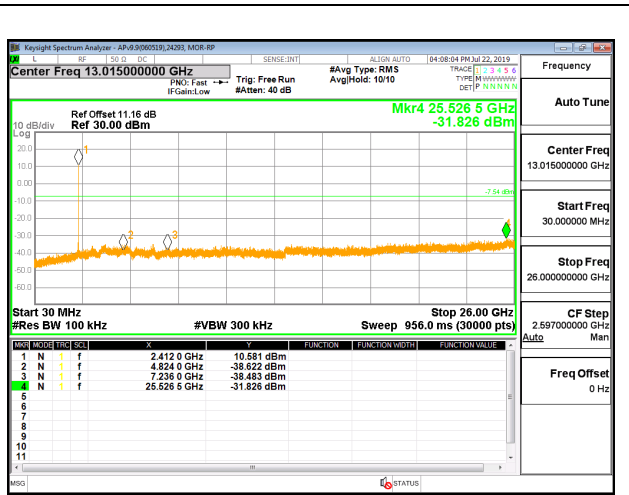
**HIGH CHANNEL 13 BANDEDGE CHAIN 0**



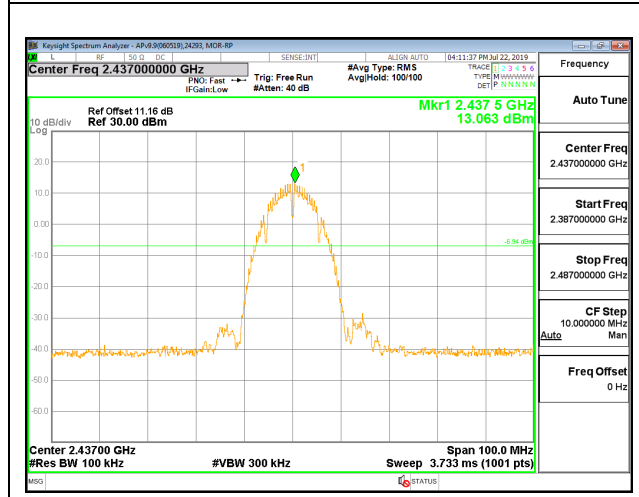
**OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0**



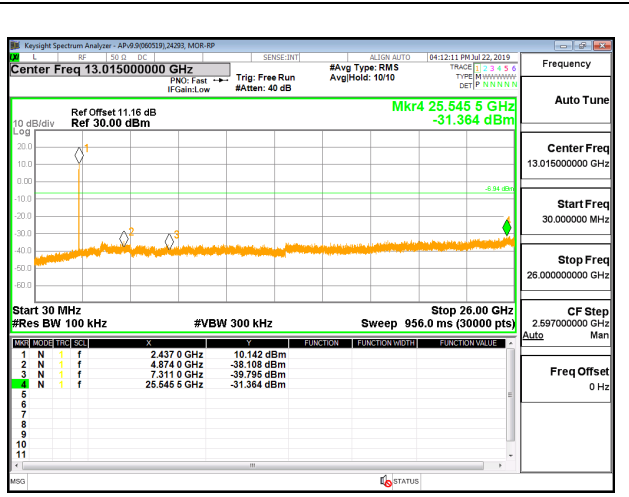
LOW CHANNEL 1 BANDEDGE CHAIN 1



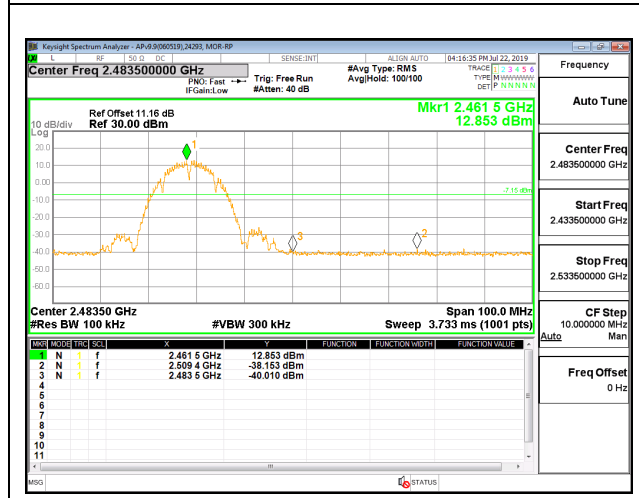
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



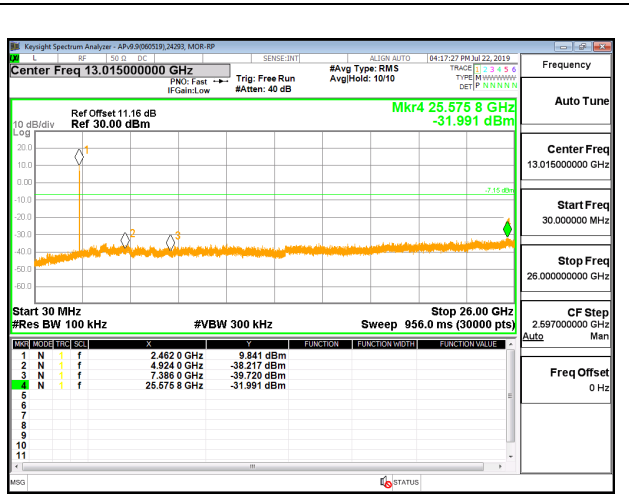
IN-BAND REFERENCE LEVEL CHAIN 1



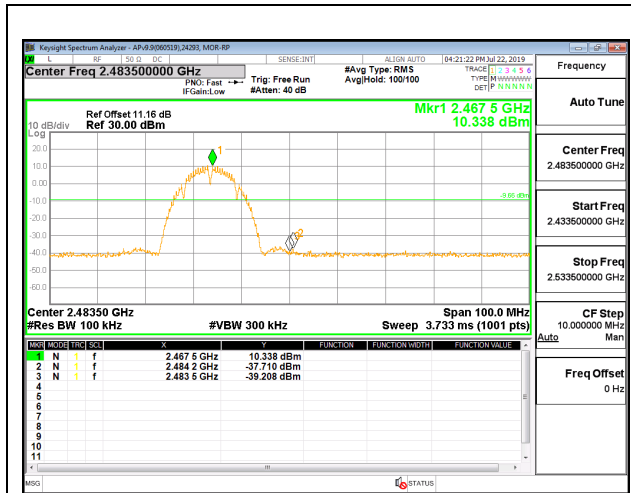
OUT-OF-BAND MID CHANNEL 1 CHAIN 1



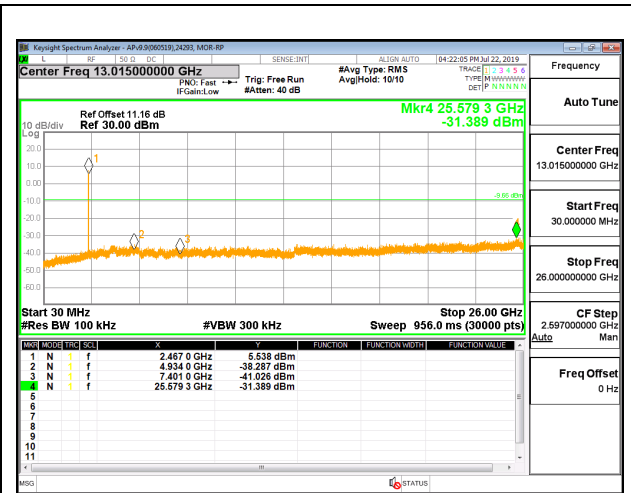
HIGH CHANNEL 11 BANDEDGE CHAIN 1



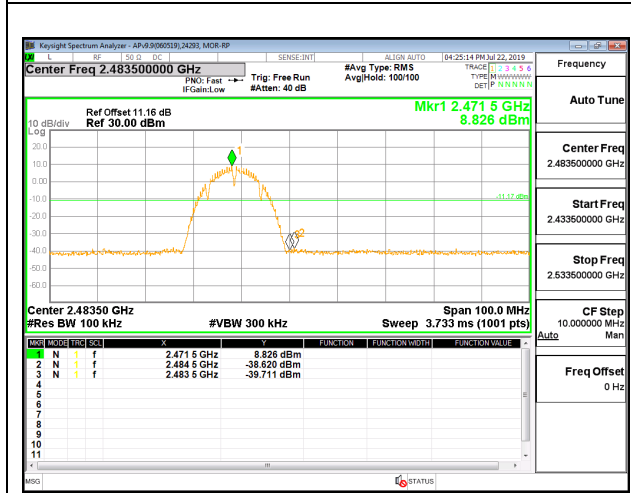
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



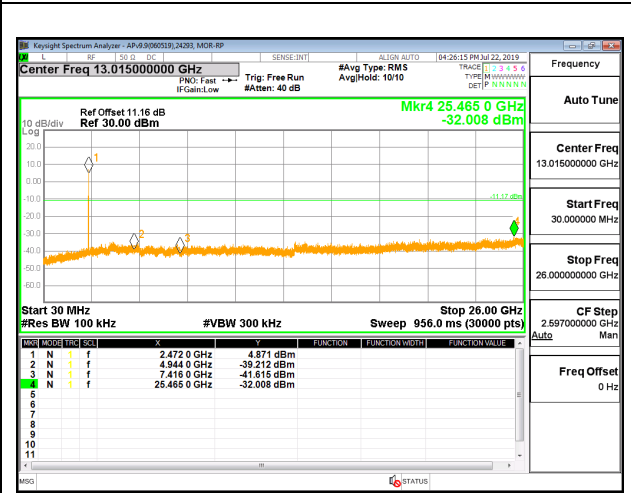
**HIGH CHANNEL 12 BANDEDGE CHAIN 1**



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



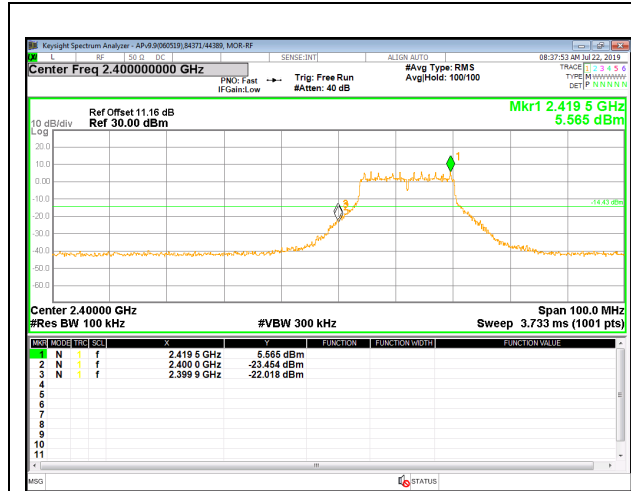
**HIGH CHANNEL 13 BANDEDGE CHAIN 1**



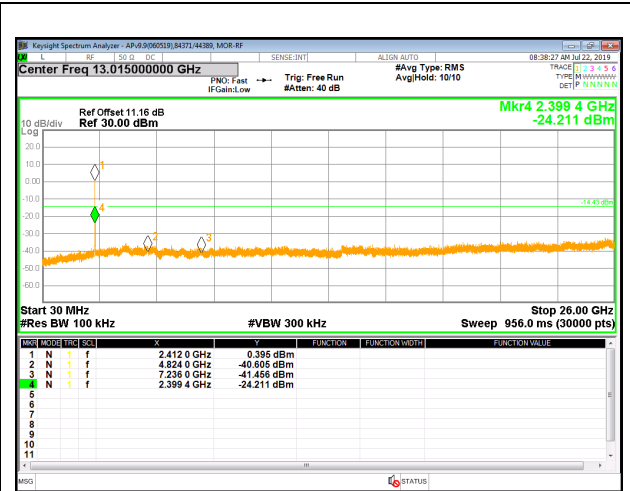
**OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1**

### 9.7.2. 802.11g MODE

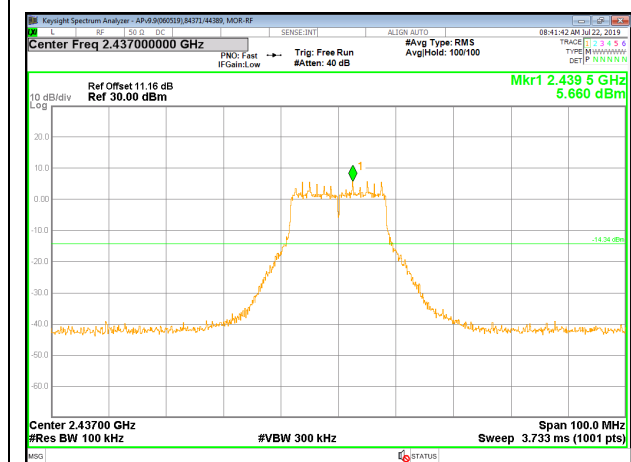
#### 2TX Chain 0 + Chain 1 CDD MODE



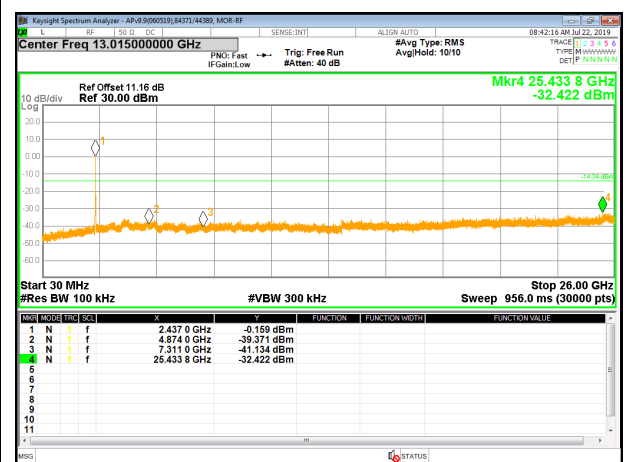
LOW CHANNEL 1 BANDEDGE CHAIN 0



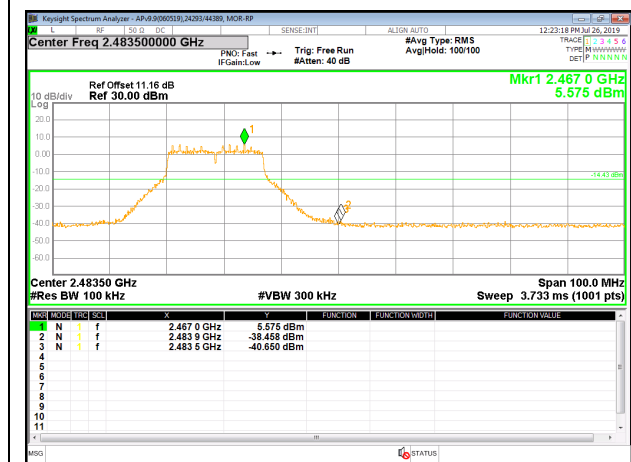
OUT-OF-BAND LOW CHANNEL 1 CHAIN 0



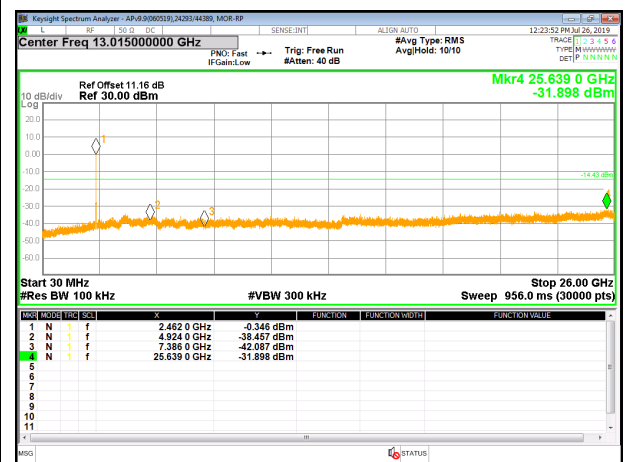
IN-BAND REFERENCE LEVEL CHAIN 0



OUT-OF-BAND MID CHANNEL CHAIN 0

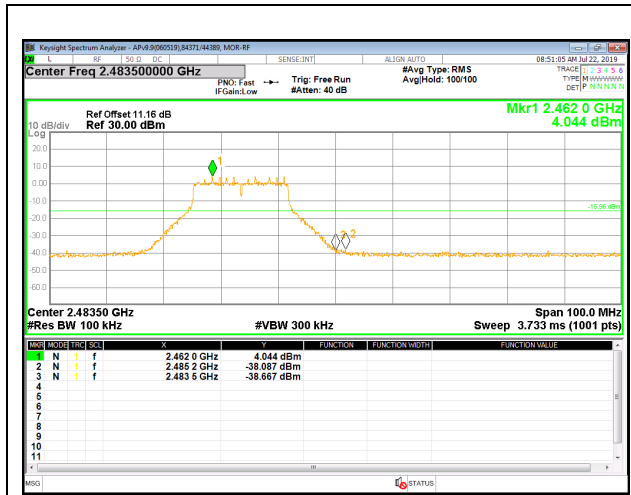


HIGH CHANNEL 11 BANDEDGE CHAIN 0

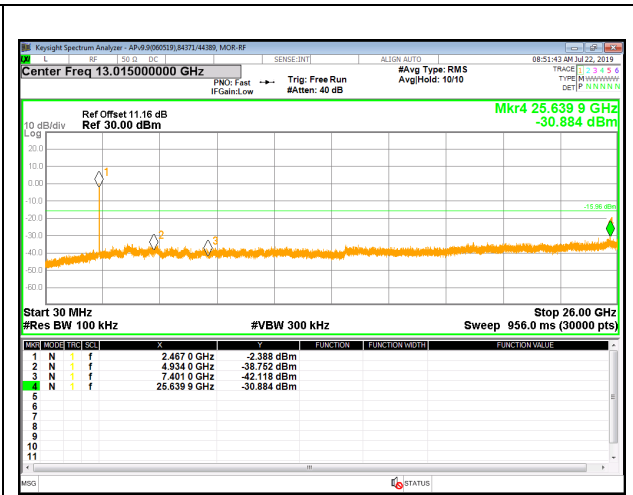


OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0

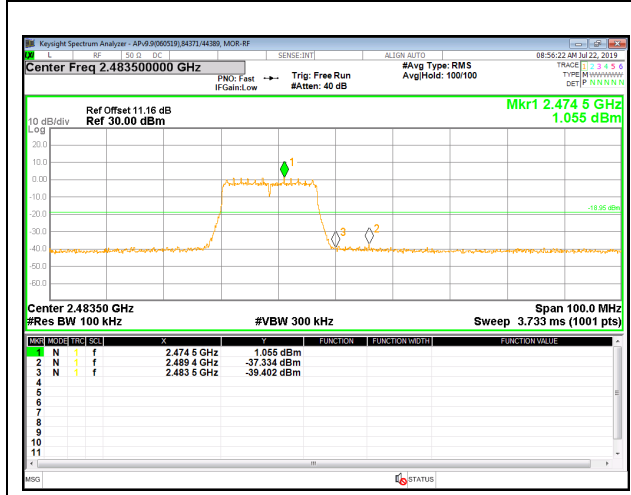




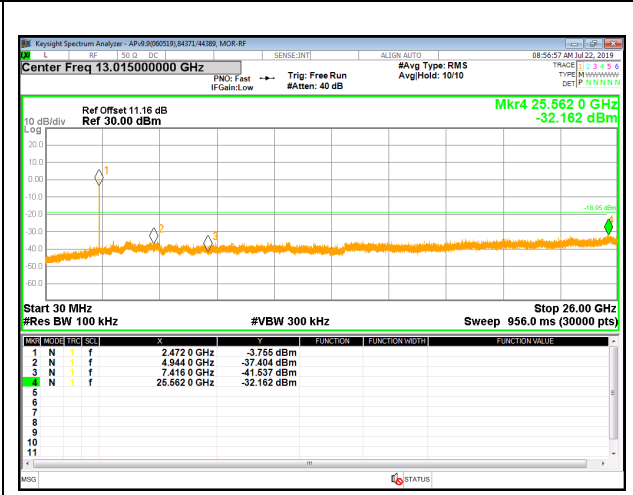
**HIGH CHANNEL 12 BANDEDGE CHAIN 0**



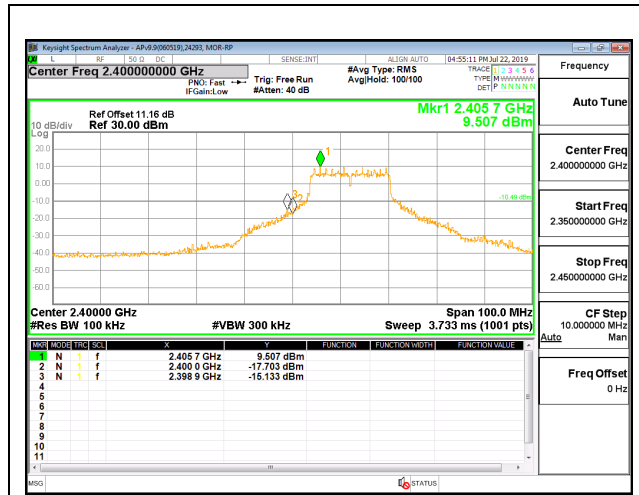
**OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0**



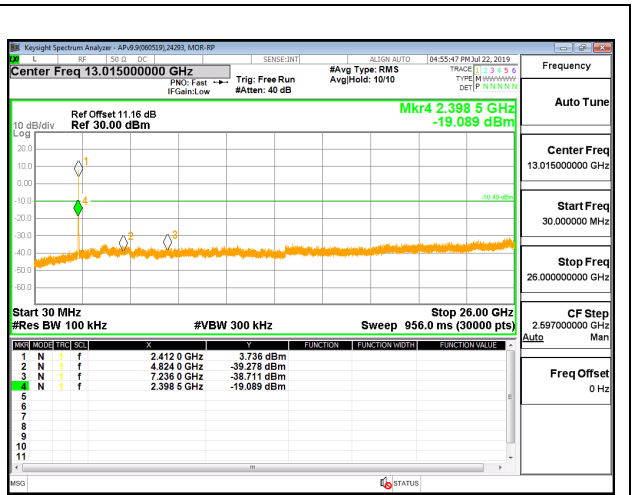
**HIGH CHANNEL 13 BANDEDGE CHAIN 0**



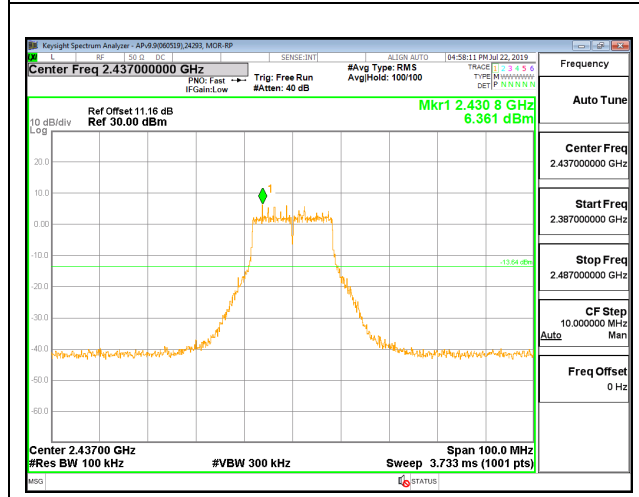
**OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0**



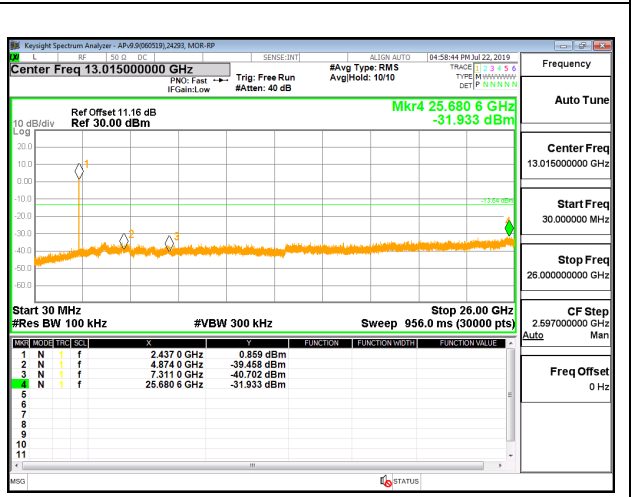
LOW CHANNEL 1 BANDEDGE CHAIN 1



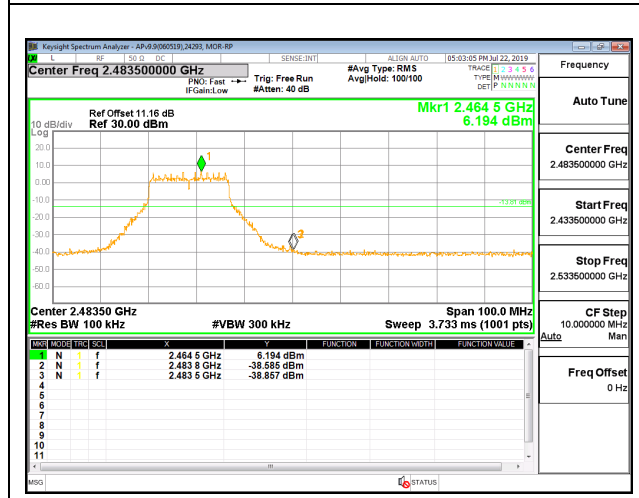
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



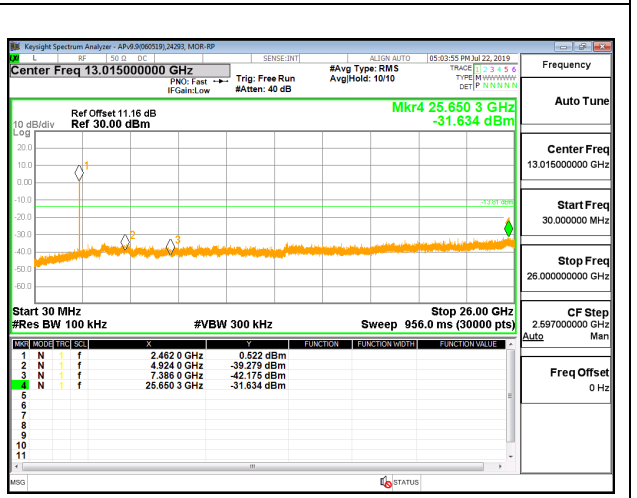
IN-BAND REFERENCE LEVEL CHAIN 1



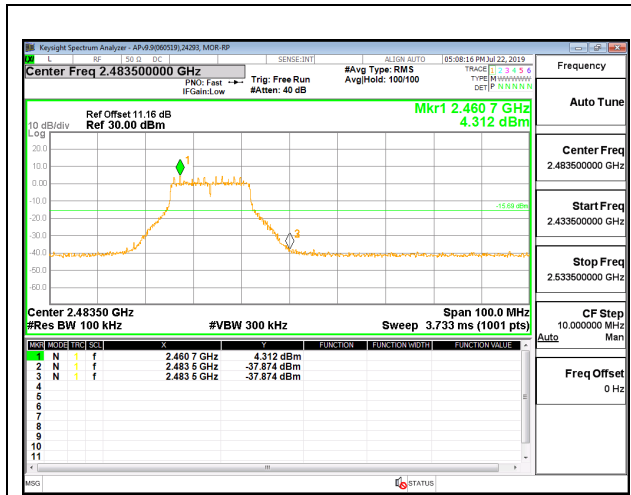
OUT-OF-BAND MID CHANNEL 1 CHAIN 1



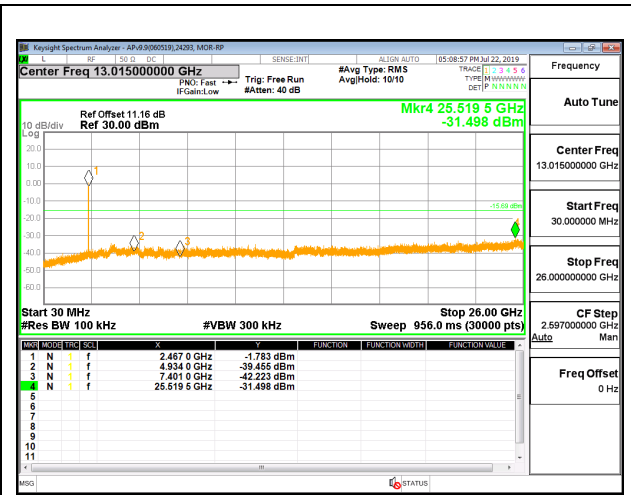
HIGH CHANNEL 11 BANDEDGE CHAIN 1



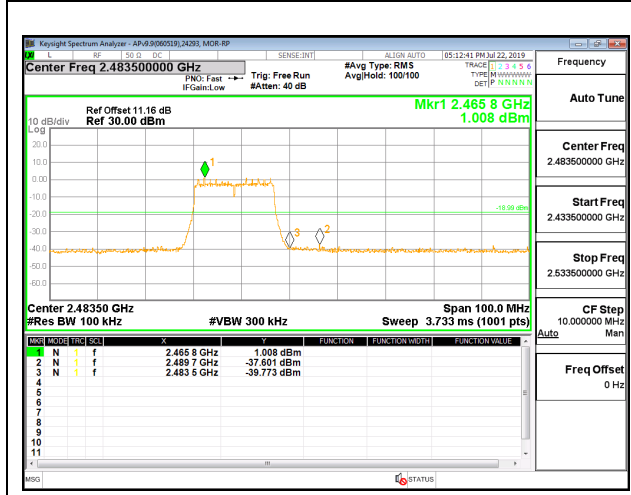
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



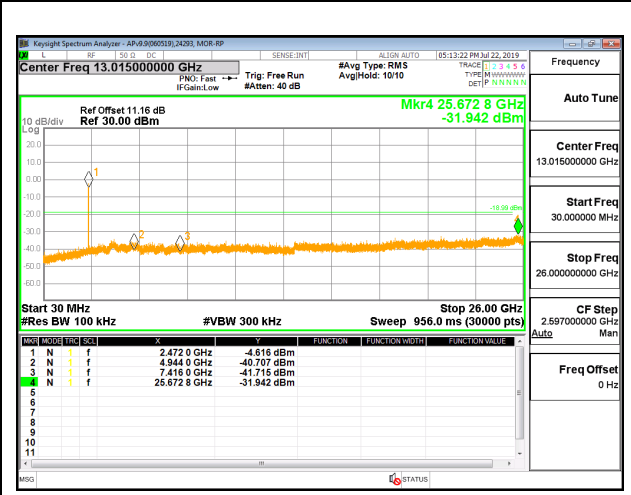
**HIGH CHANNEL 12 BANDEDGE CHAIN 1**



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



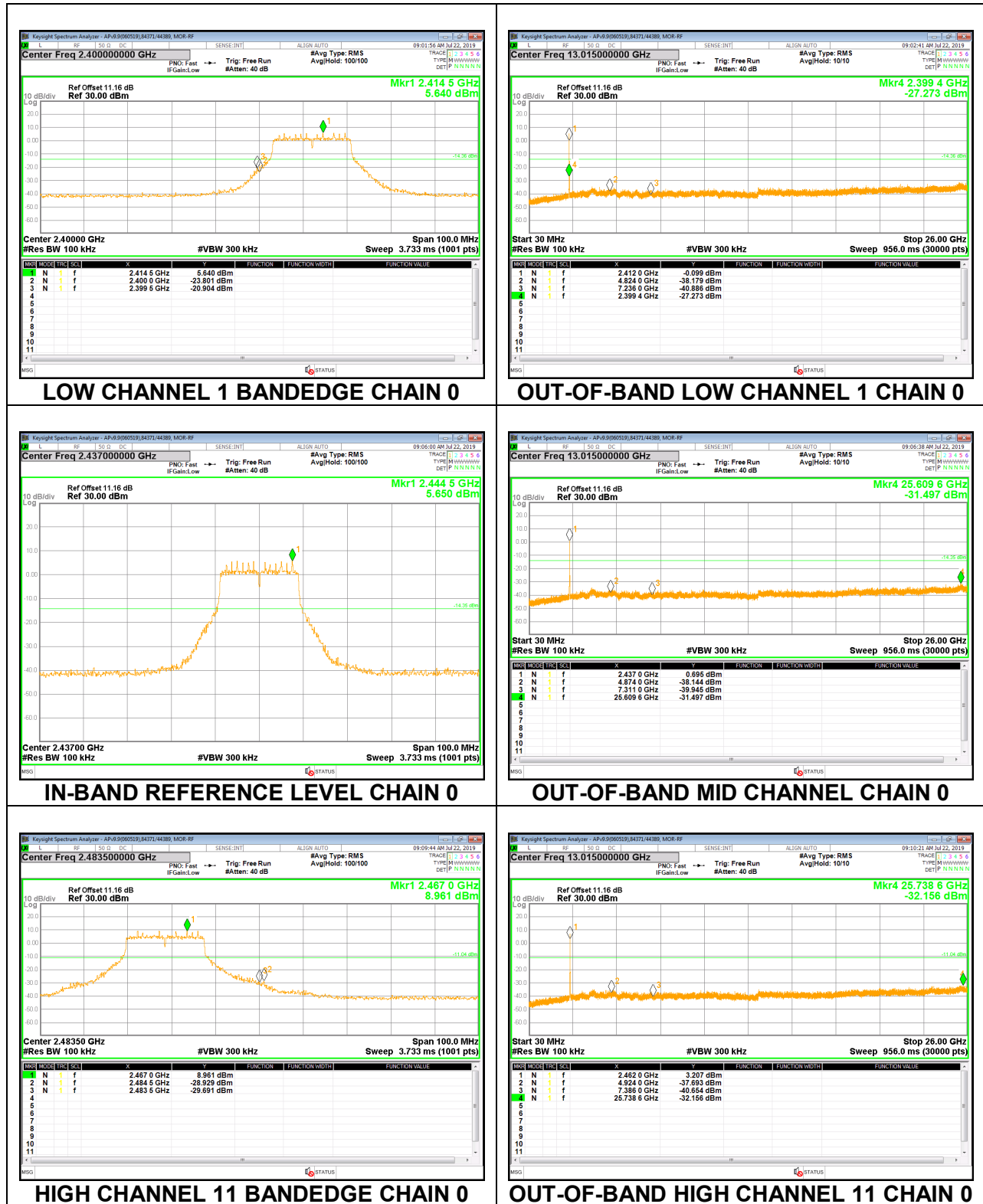
**HIGH CHANNEL 13 BANDEDGE CHAIN 1**

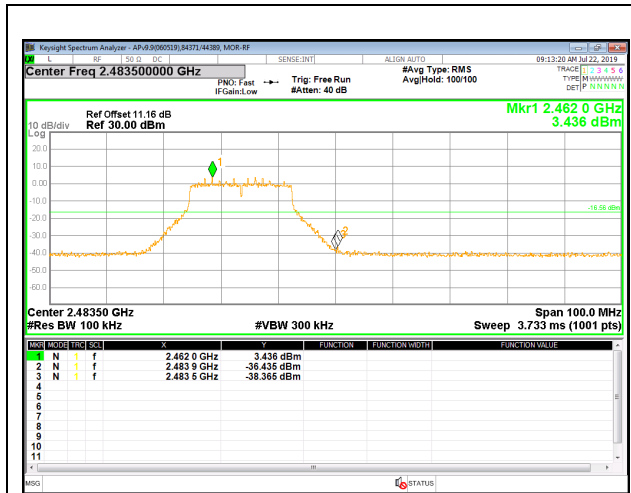


**OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1**

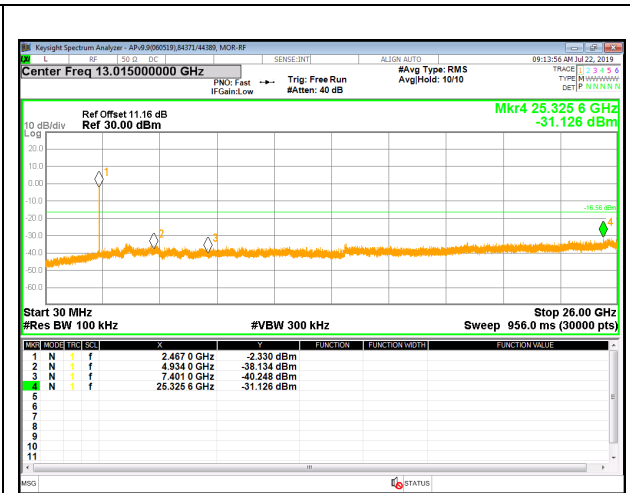
### 9.7.3. 802.11n HT20 MODE

#### 2TX Chain 0 + Chain 1 SDM MODE

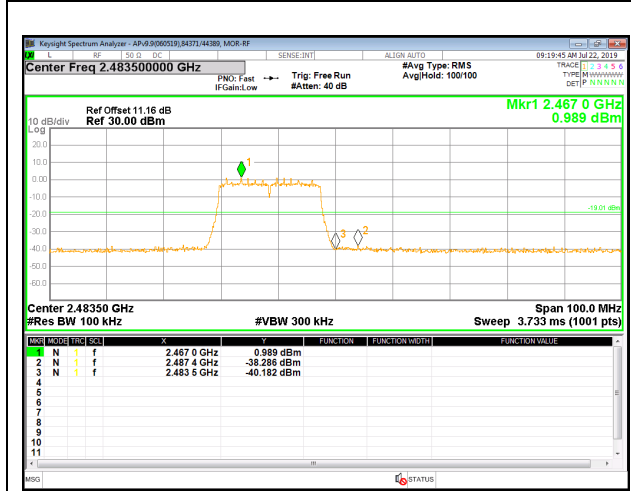




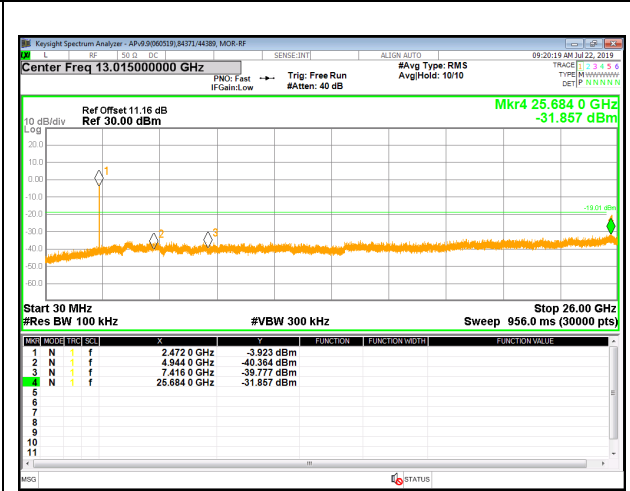
**HIGH CHANNEL 12 BANDEDGE CHAIN 0**



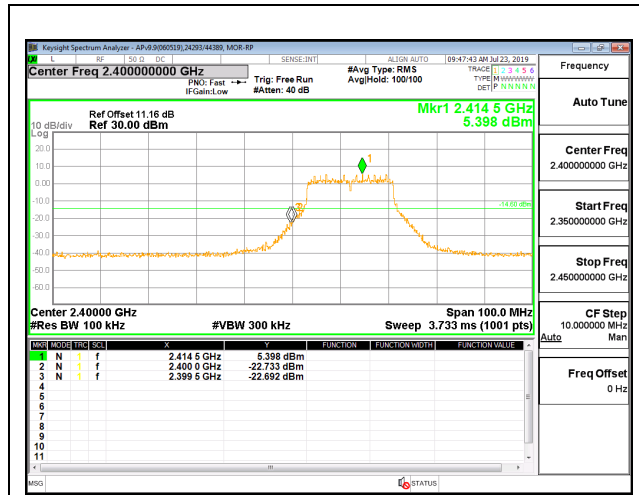
**OUT-OF-BAND HIGH CHANNEL 12 CHAIN 0**



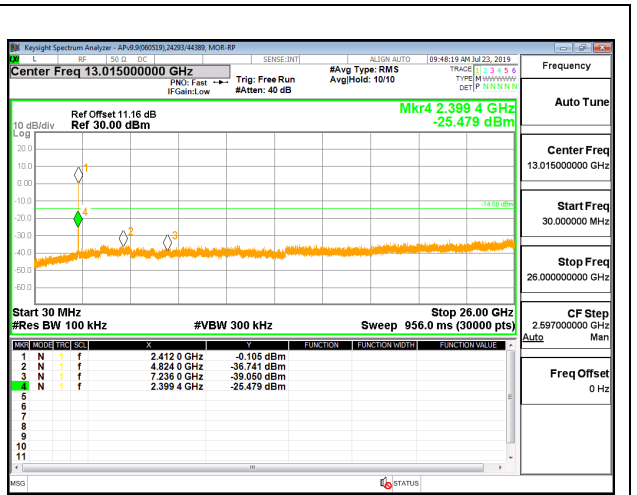
**HIGH CHANNEL 13 BANDEDGE CHAIN 0**



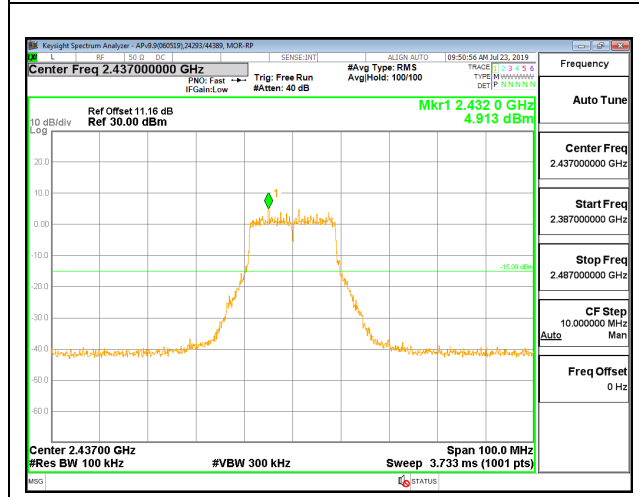
**OUT-OF-BAND HIGH CHANNEL 13 CHAIN 0**



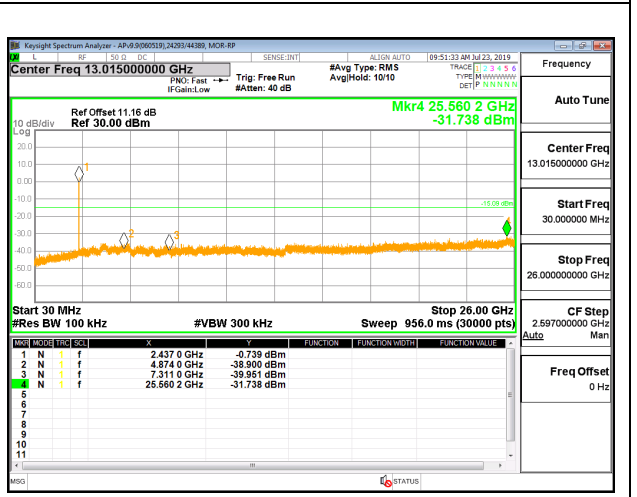
LOW CHANNEL 1 BANDEDGE CHAIN 1



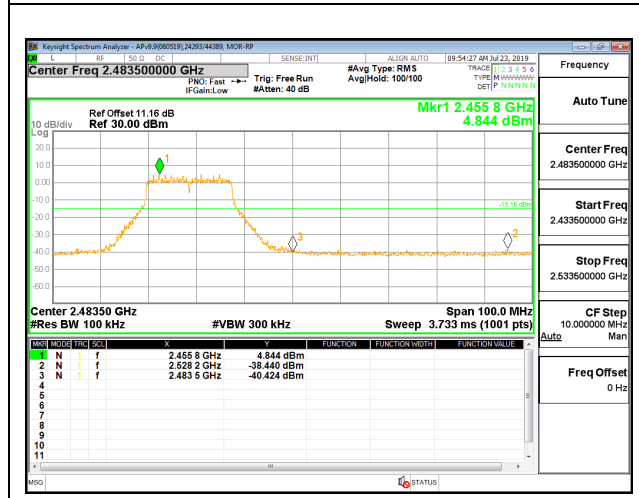
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



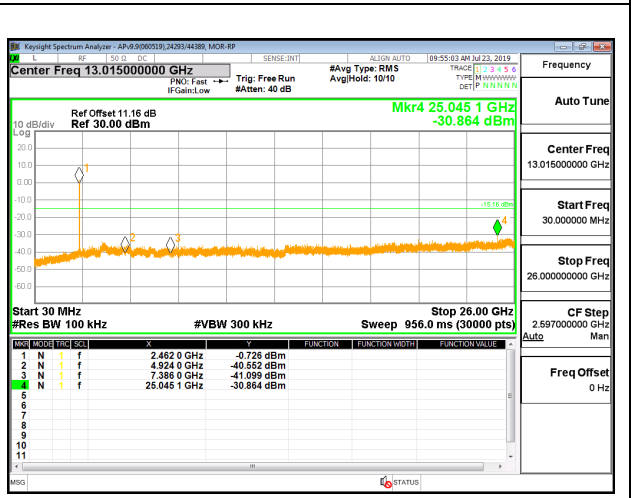
IN-BAND REFERENCE LEVEL CHAIN 1



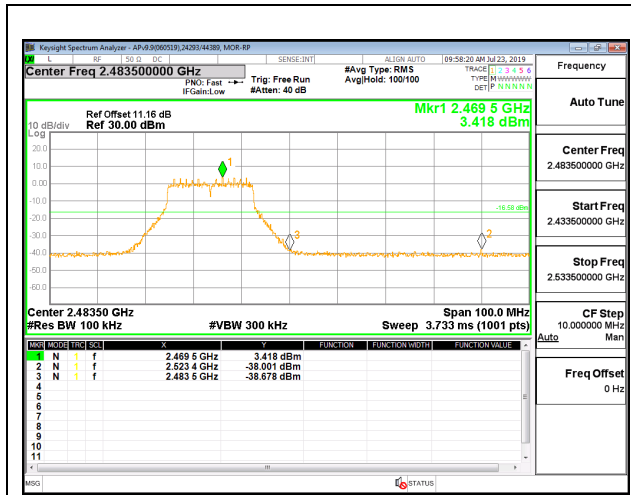
OUT-OF-BAND MID CHANNEL 1 CHAIN 1



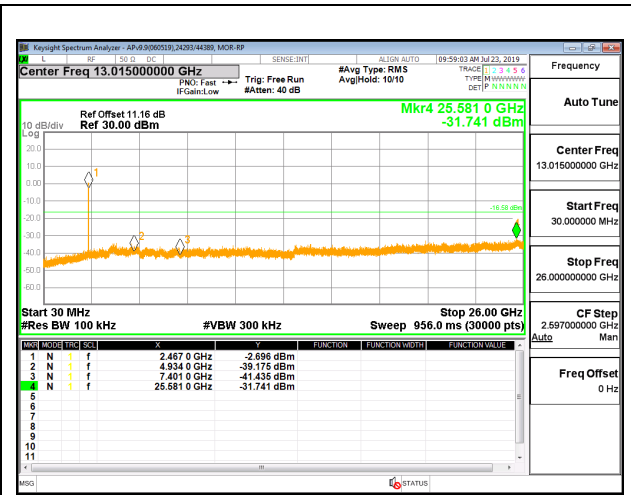
HIGH CHANNEL 11 BANDEDGE CHAIN 1



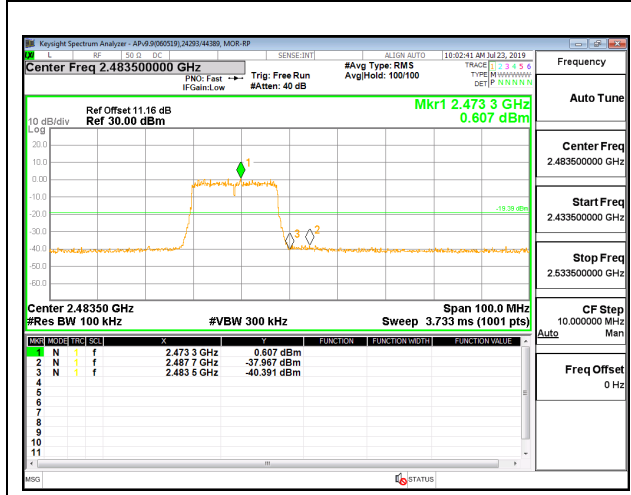
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1



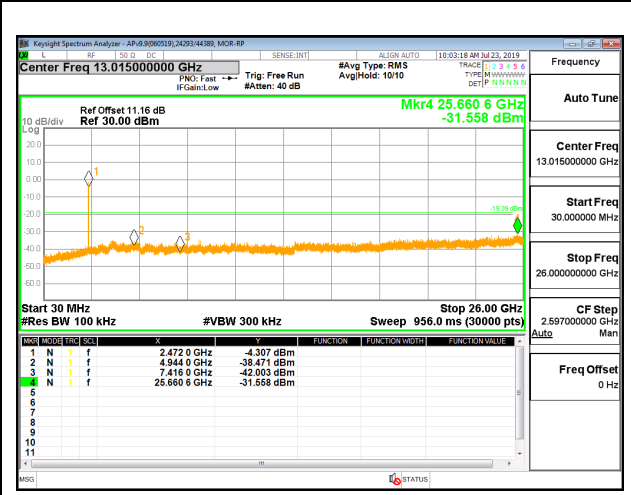
**HIGH CHANNEL 12 BANDEDGE CHAIN 1**



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



**HIGH CHANNEL 13 BANDEDGE CHAIN 1**



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