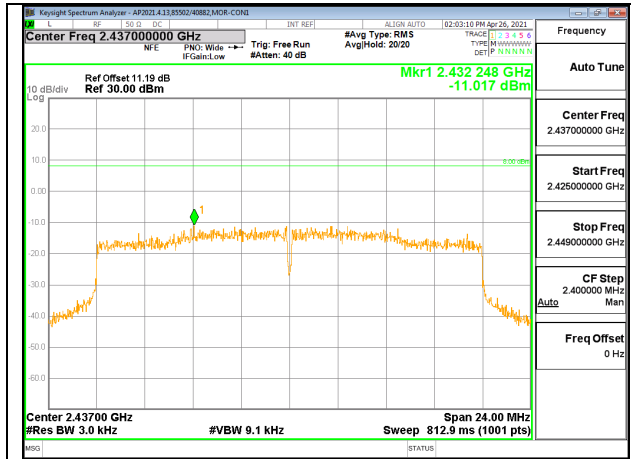
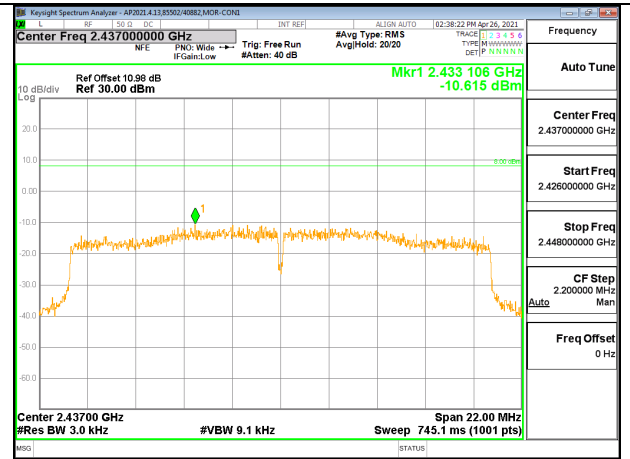


### MID CHANNEL 6

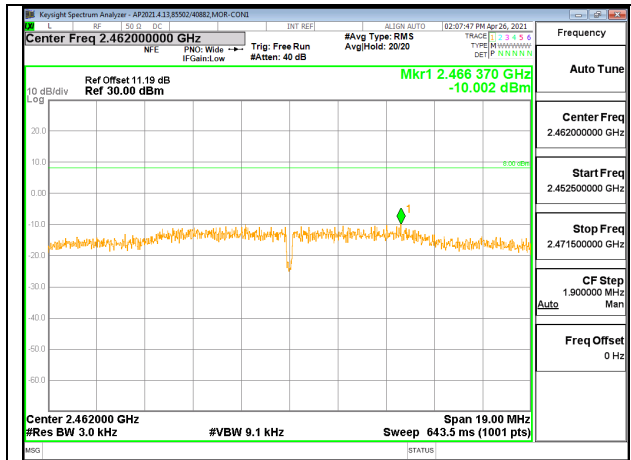


MID CHANNEL 6 Antenna A

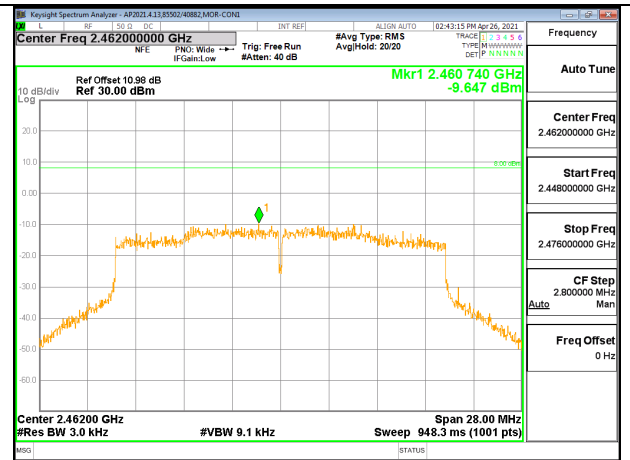


MID CHANNEL 6 Antenna B

### HIGH CHANNEL 11

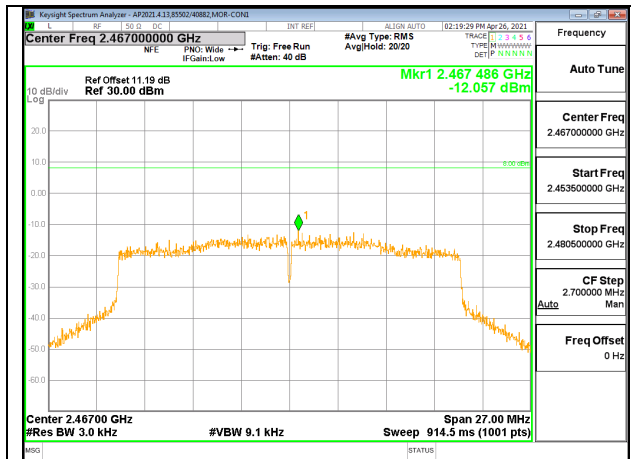


HIGH CHANNEL 11 Antenna A

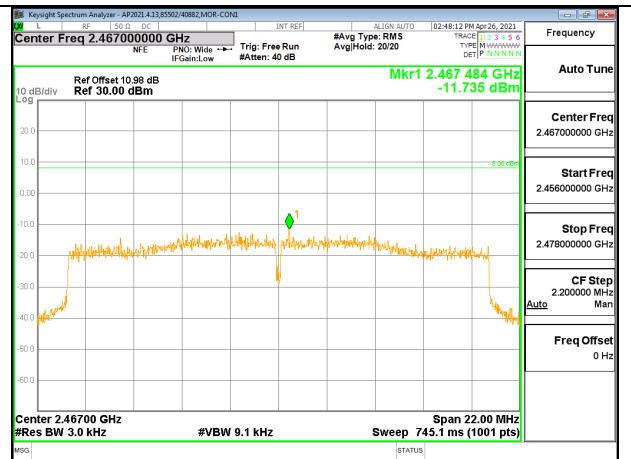


HIGH CHANNEL 11 Antenna B

### HIGH CHANNEL 12

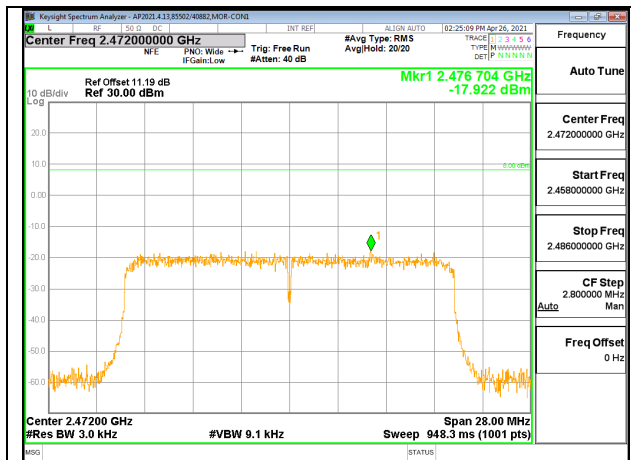


**HIGH CHANNEL 12 Antenna A**

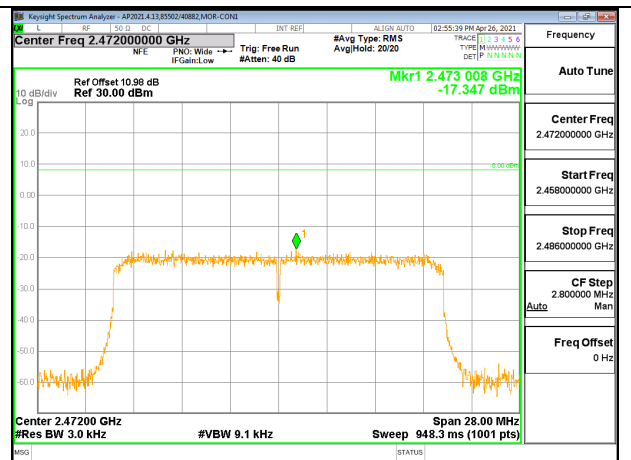


**HIGH CHANNEL 12 Antenna B**

### HIGH CHANNEL 13



**HIGH CHANNEL 13 Antenna A**



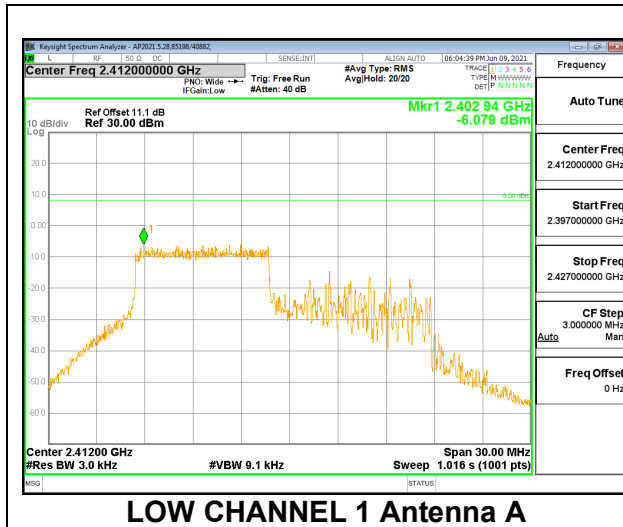
**HIGH CHANNEL 13 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 53**

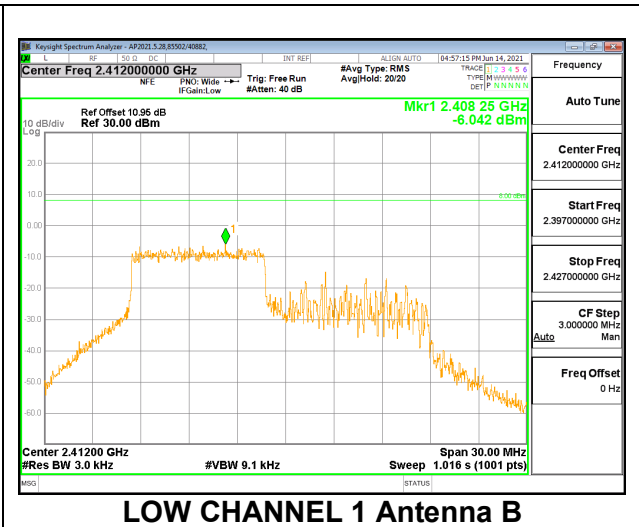
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-6.08	-6.04	-3.05	8.0	-11.1
Mid 6	2437	-5.69	-6.36	-3.00	8.0	-11.0

**LOW CHANNEL 1**

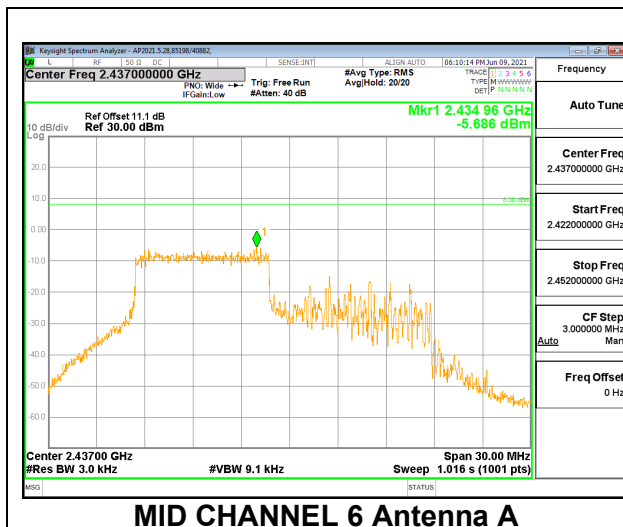


**LOW CHANNEL 1 Antenna A**

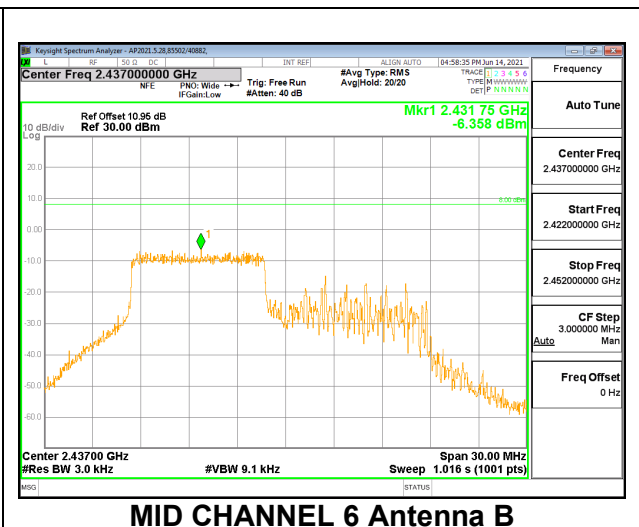


**LOW CHANNEL 1 Antenna B**

**MID CHANNEL 6**



**MID CHANNEL 6 Antenna A**



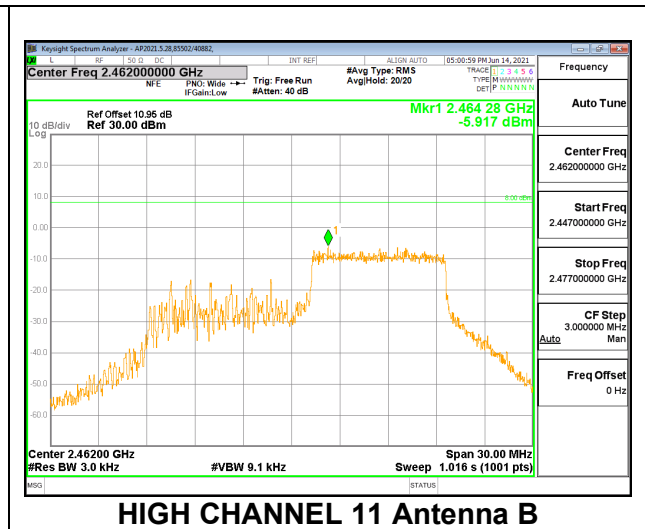
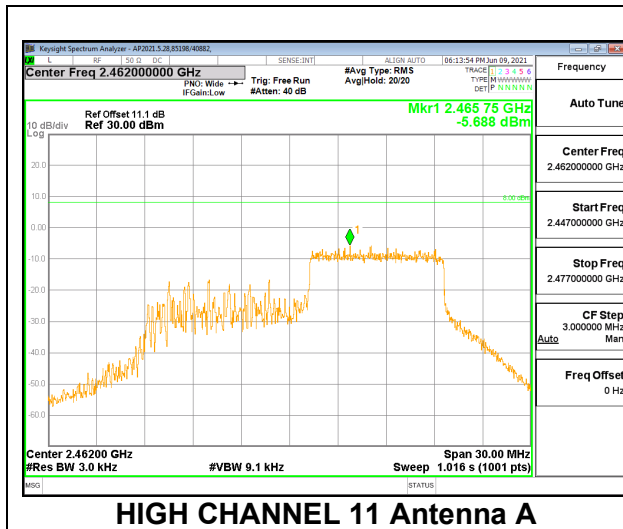
**MID CHANNEL 6 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 54**

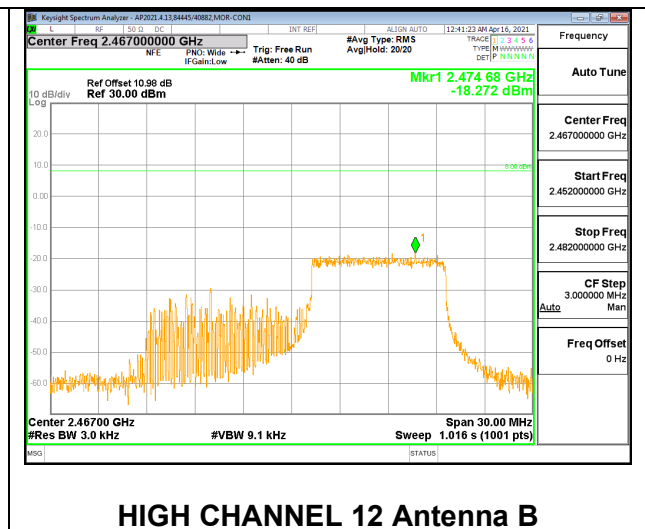
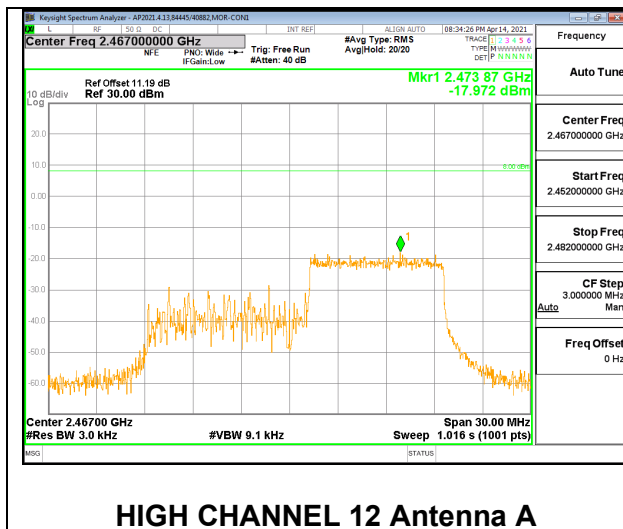
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 11	2462	-5.69	-5.92	-2.79	8.0	-10.8
High 12	2467	-17.97	-18.27	-15.11	8.0	-23.1
High 13	2472	-6.49	-4.87	-2.60	8.0	-10.6

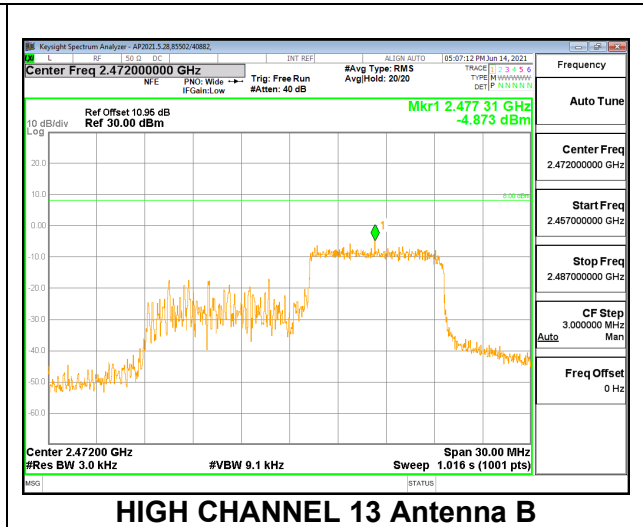
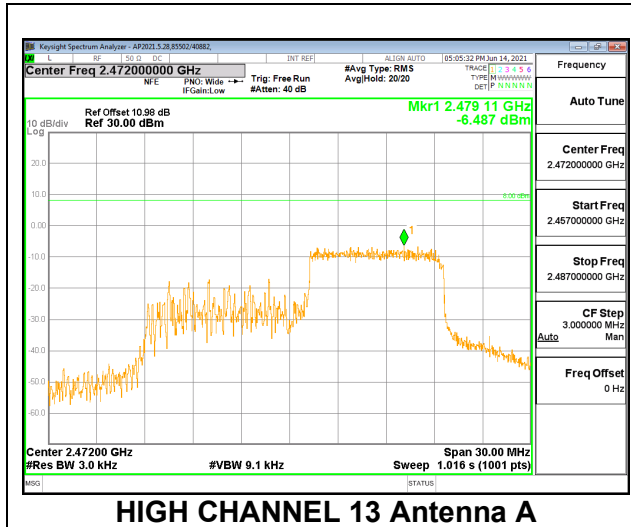
**HIGH CHANNEL 11**



**HIGH CHANNEL 12**



### HIGH CHANNEL 13

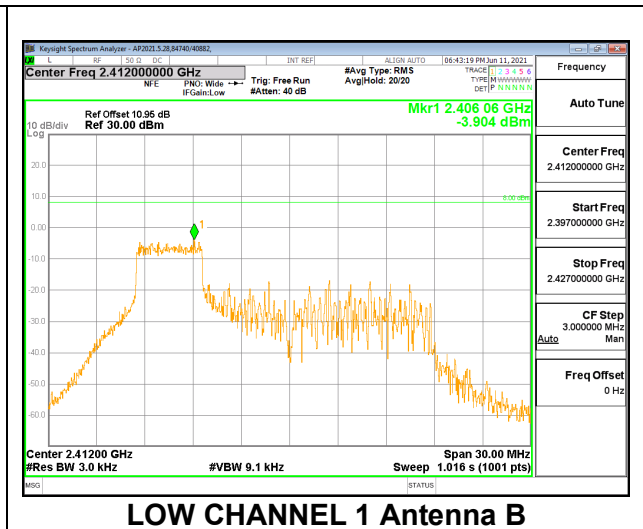
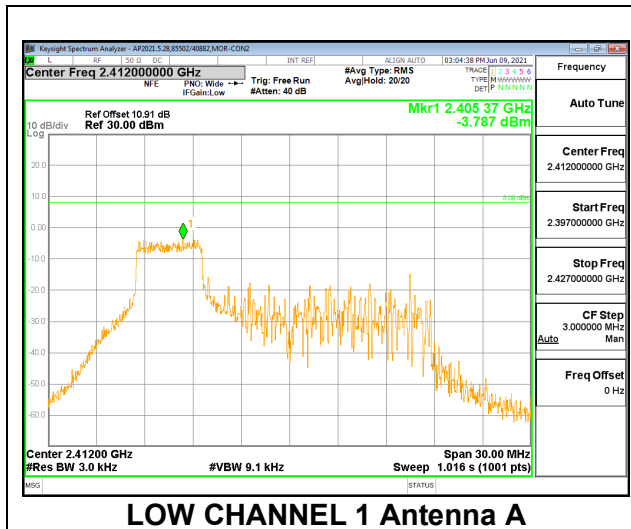


**2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 37**

**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.79	-3.90	-0.83	8.0	-8.8

**LOW CHANNEL 1**

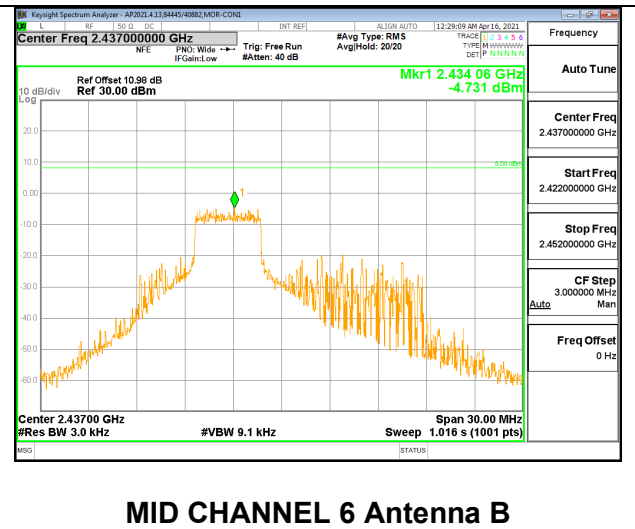
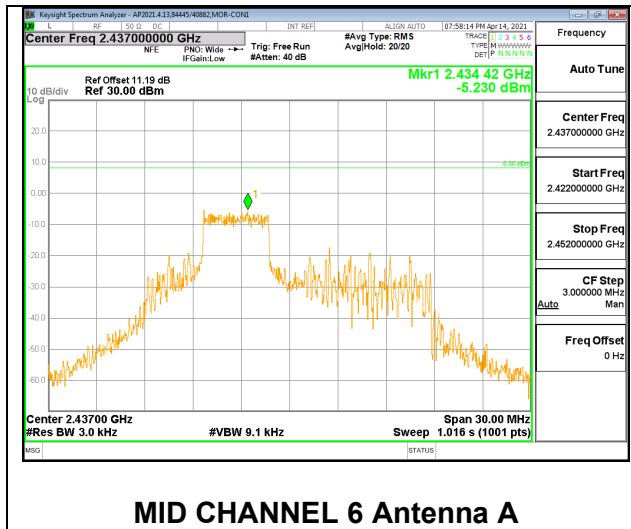


**2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 38**

**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-5.32	-4.73	-2.01	8.0	-10.0

**MID CHANNEL 6**

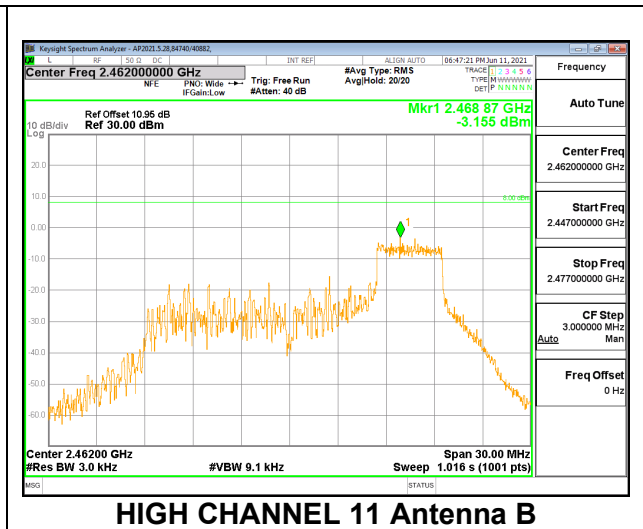
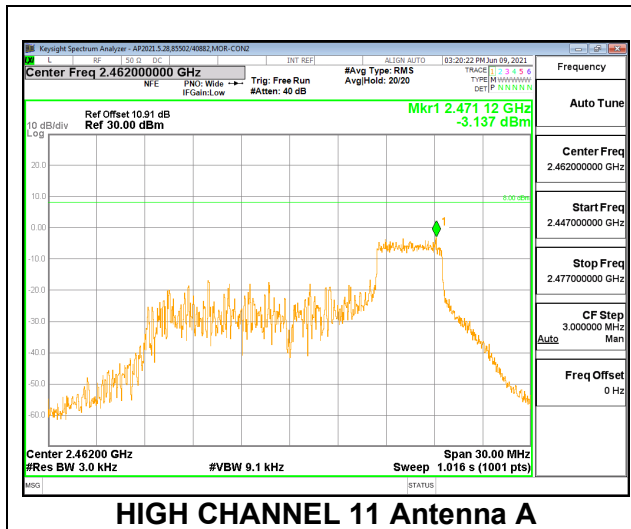


**2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 40**

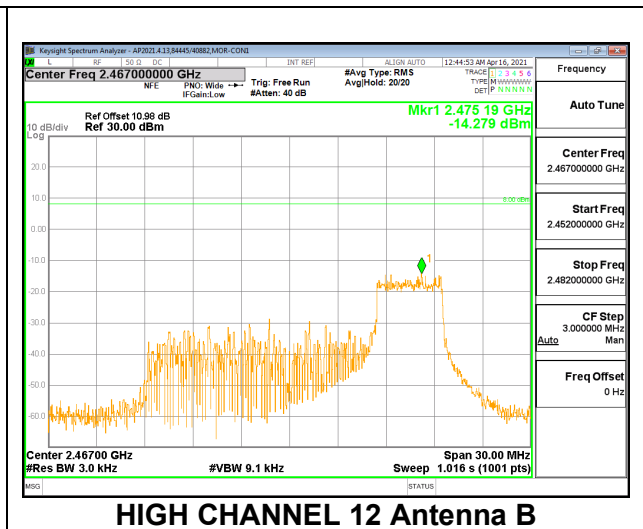
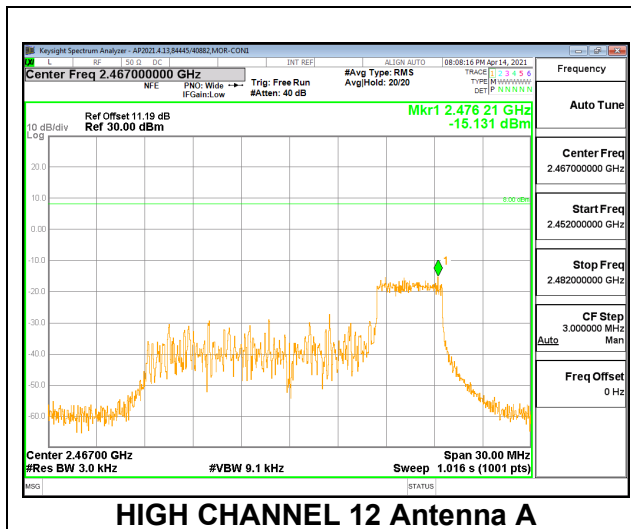
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 11	2462	-3.14	-3.17	-0.14	8.0	-8.1
High 12	2467	-15.13	-14.28	-11.67	8.0	-19.7
High 13	2472	-2.72	-4.01	-0.31	8.0	-8.3

**HIGH CHANNEL 11**

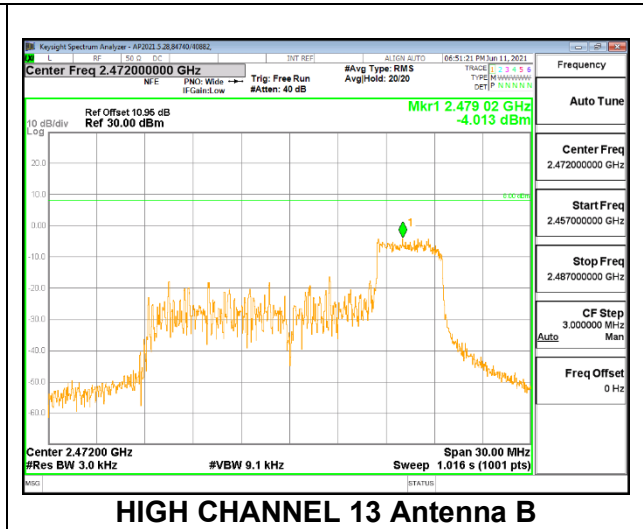
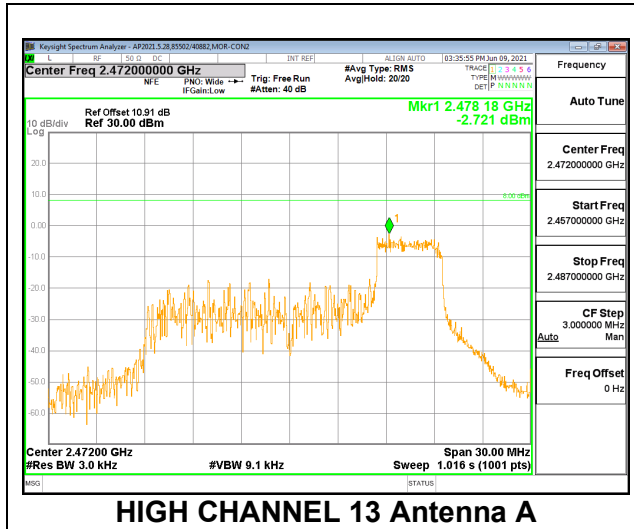


**HIGH CHANNEL 12**





### HIGH CHANNEL 13

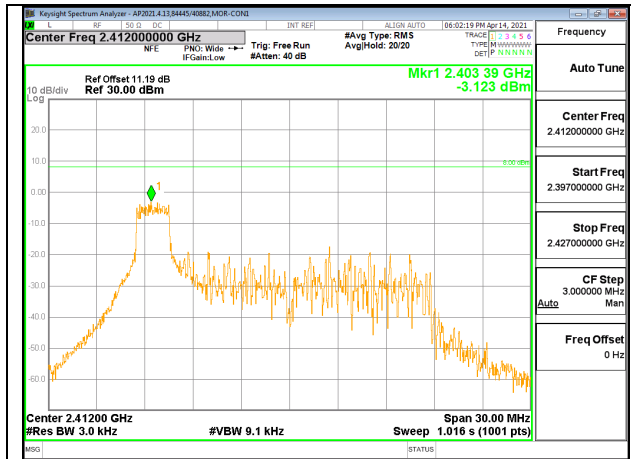


**2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 0**

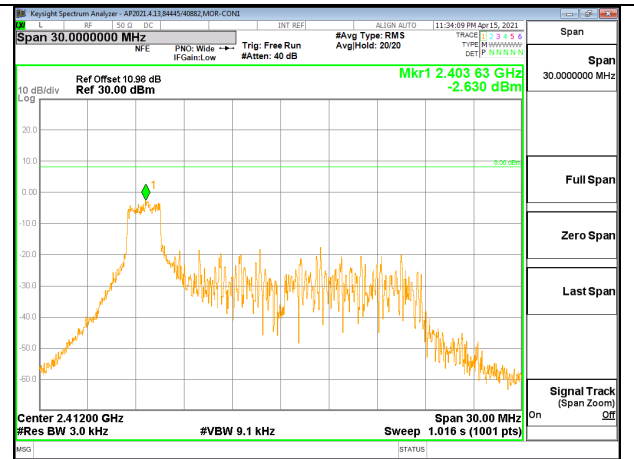
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.12	-2.63	0.14	8.0	-7.9

**LOW CHANNEL 1**



**LOW CHANNEL 1 Antenna A**



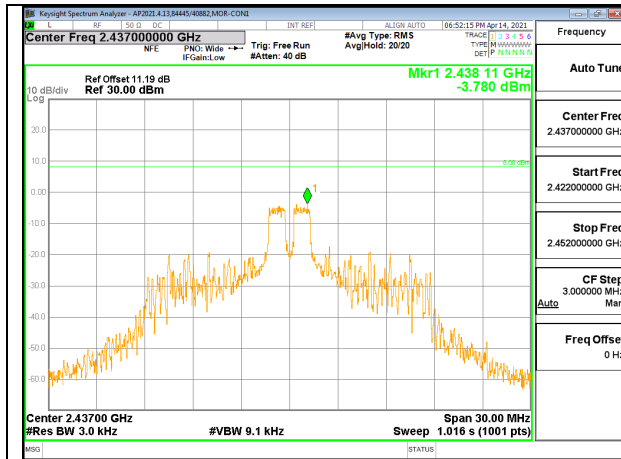
**LOW CHANNEL 1 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 4**

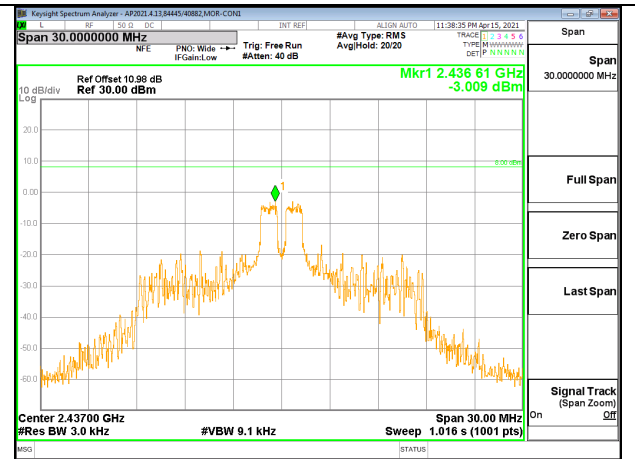
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-3.78	-3.01	-0.37	8.0	-8.4

**MID CHANNEL 6**



**MID CHANNEL 6 Antenna A**



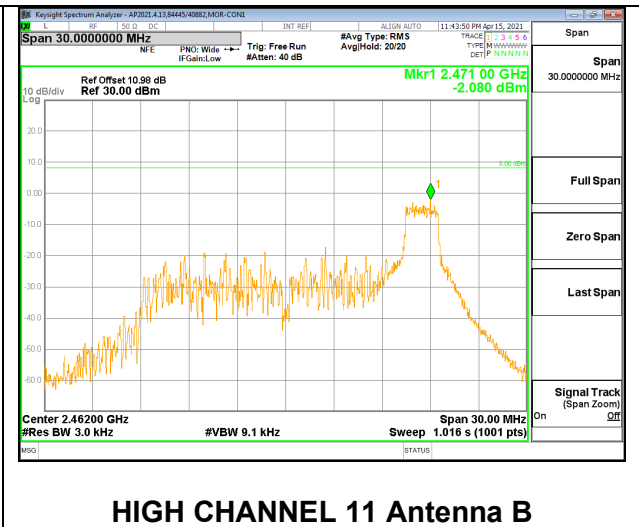
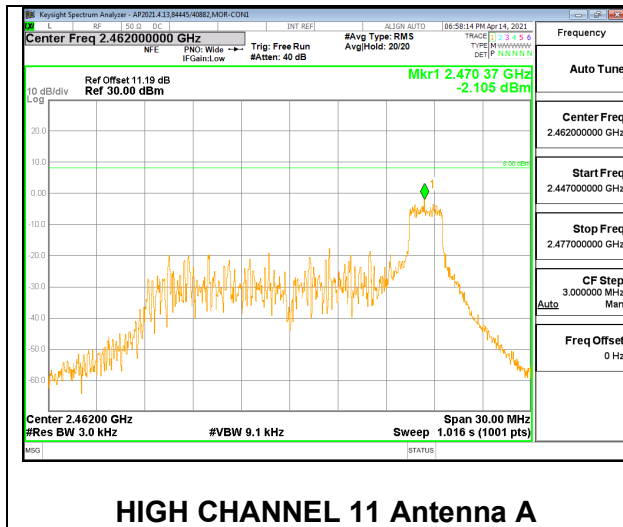
**MID CHANNEL 6 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 8**

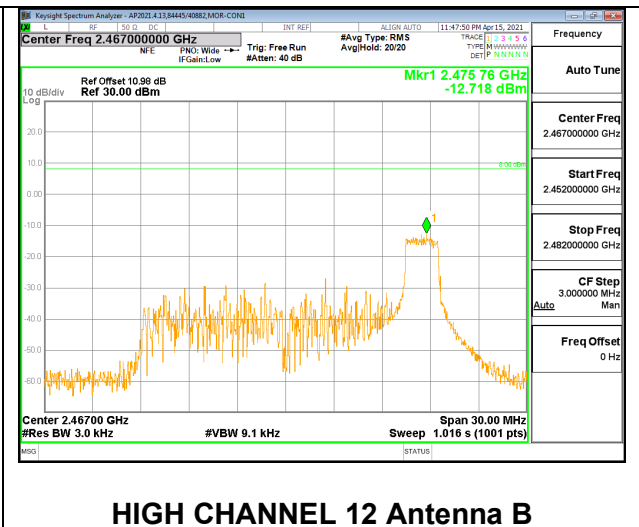
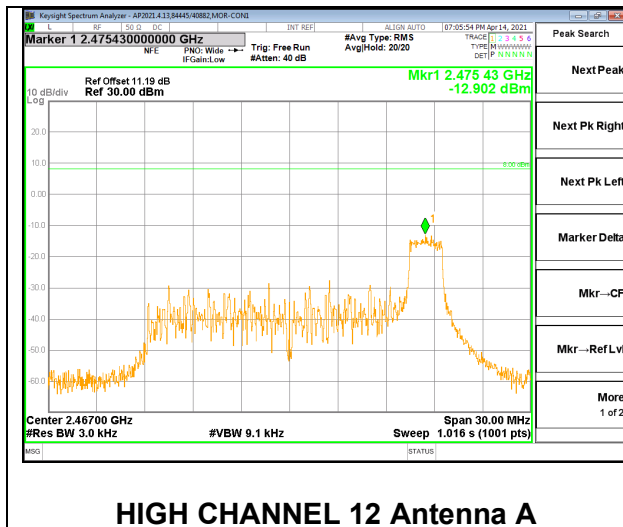
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 11	2462	-2.11	-2.08	0.92	8.0	-7.1
High 12	2467	-12.90	-12.72	-9.80	8.0	-17.8
High 13	2472	-3.02	-4.08	-0.50	8.0	-8.5

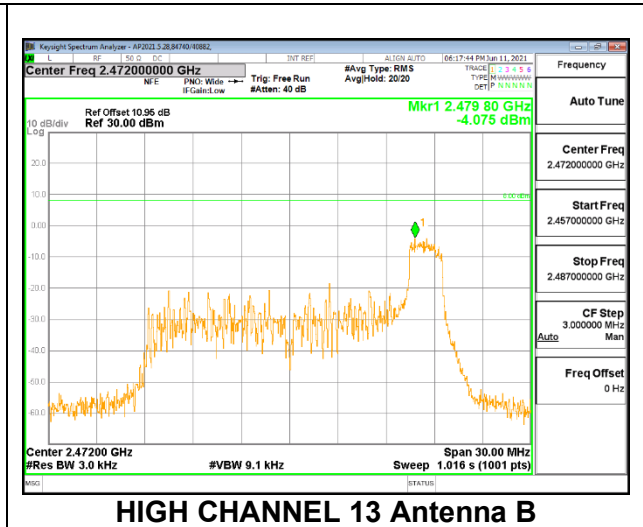
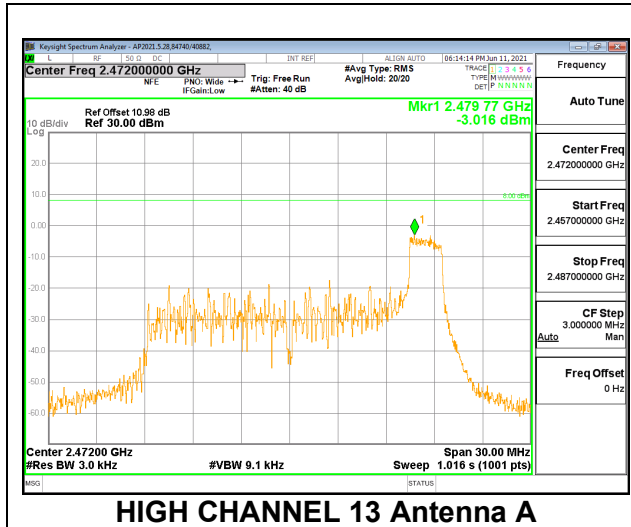
**HIGH CHANNEL 11**



**HIGH CHANNEL 12**



### HIGH CHANNEL 13



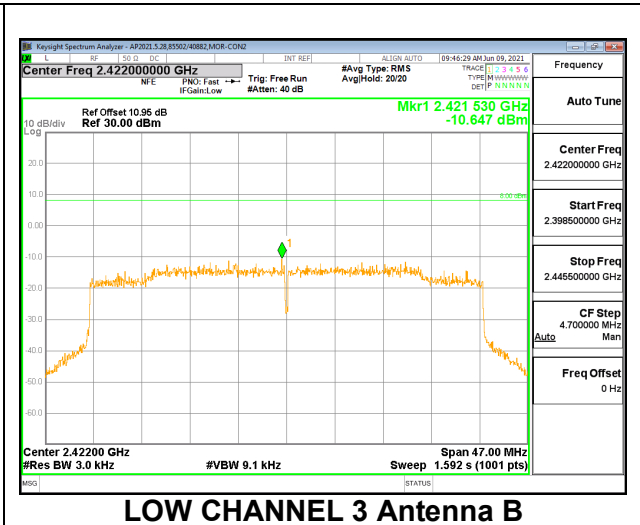
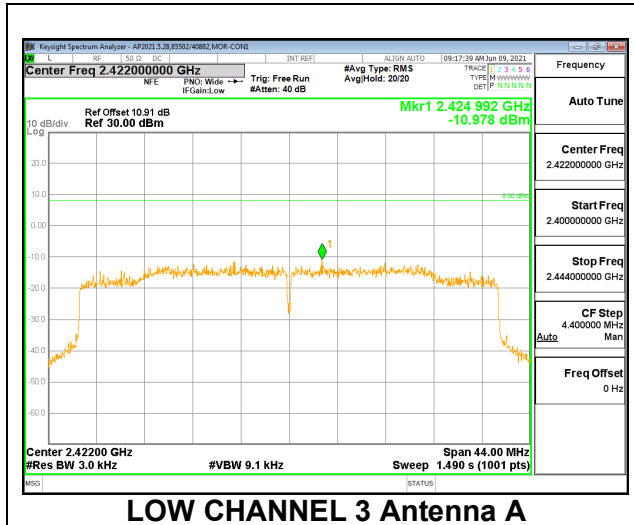
### 9.4.2. 802.11ax HE40 MODE 2TX

#### 2TX Antenna A + Antenna B OFDMA MODE: SU, Single User

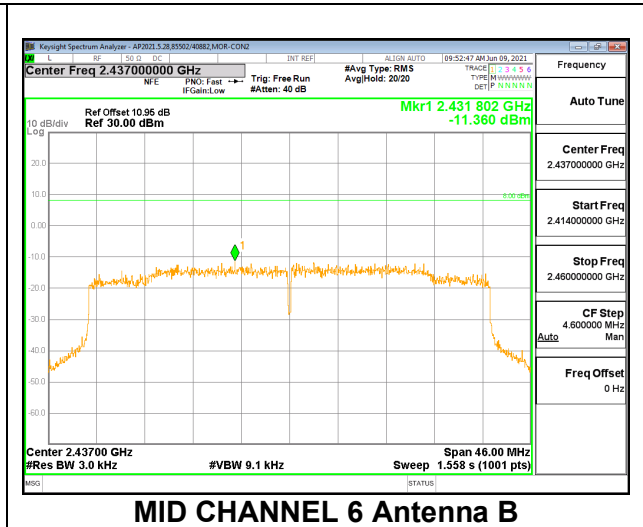
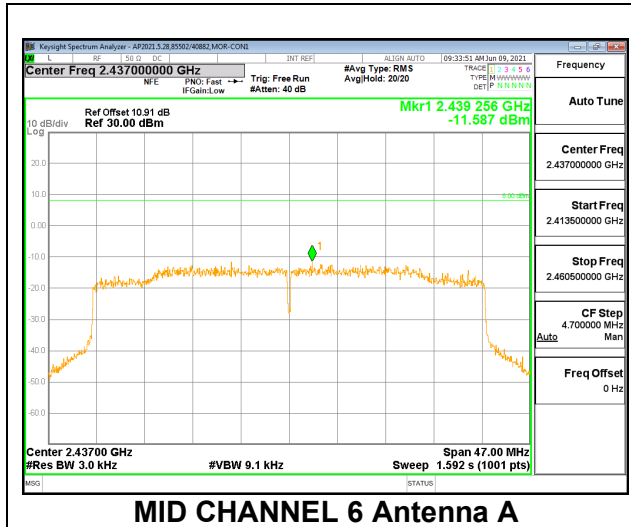
##### PSD Results

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-10.98	-10.65	-7.80	8.0	-15.8
Mid 6	2437	-11.59	-11.36	-8.46	8.0	-16.5
High 9	2452	-12.86	-11.40	-9.06	8.0	-17.1
High 10	2457	-15.63	-15.61	-12.61	8.0	-20.6
High 11	2462	-11.59	-11.23	-8.40	8.0	-16.4

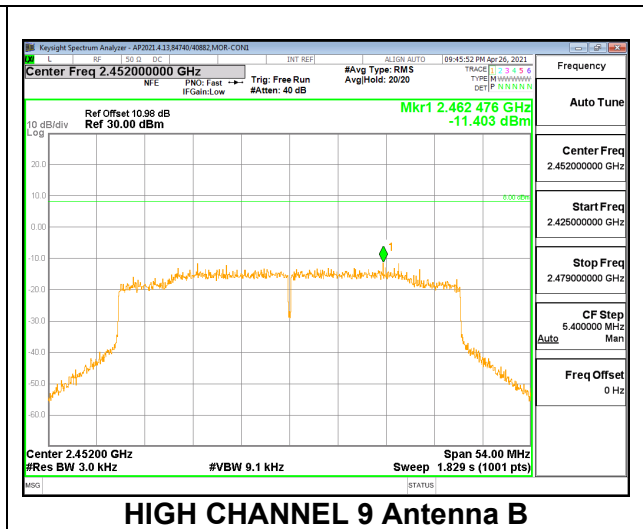
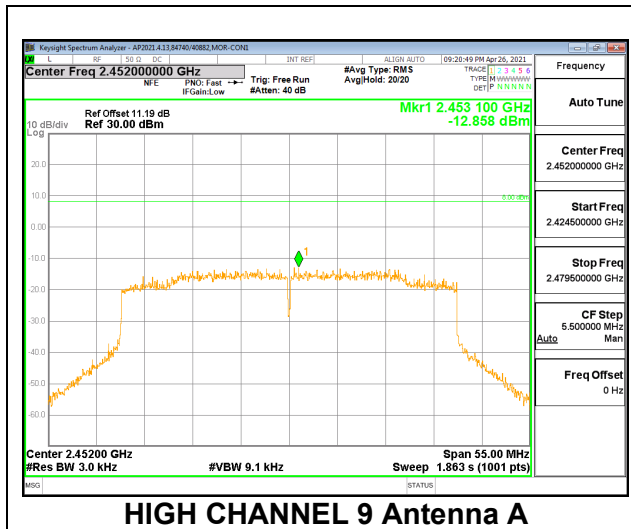
### LOW CHANNEL 3



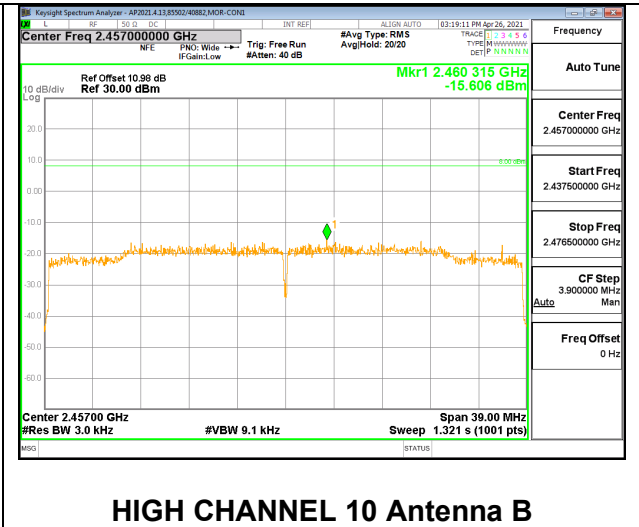
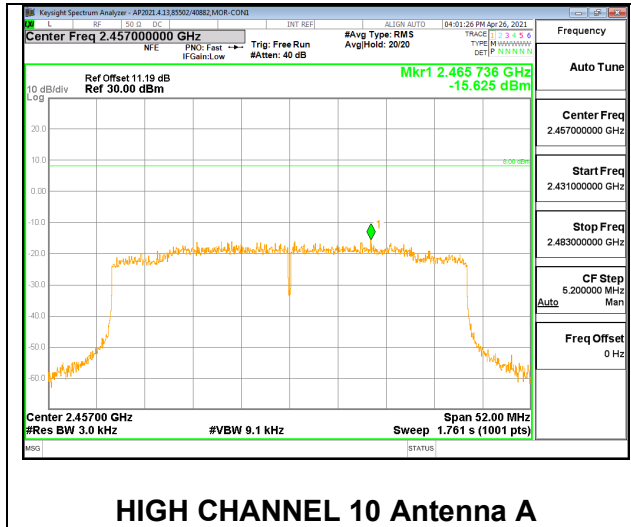
### MID CHANNEL 6



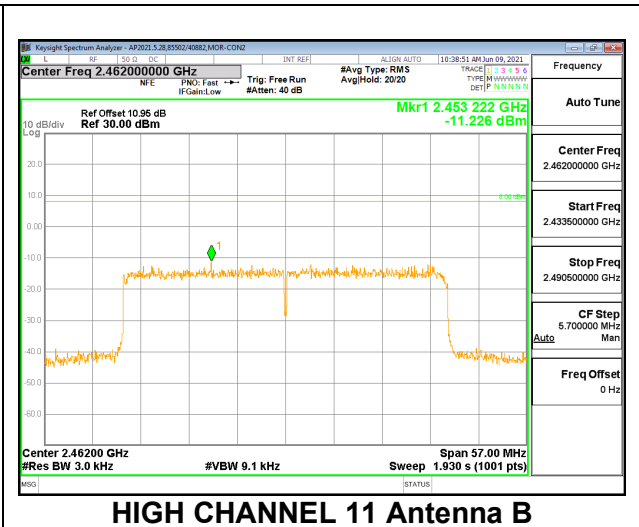
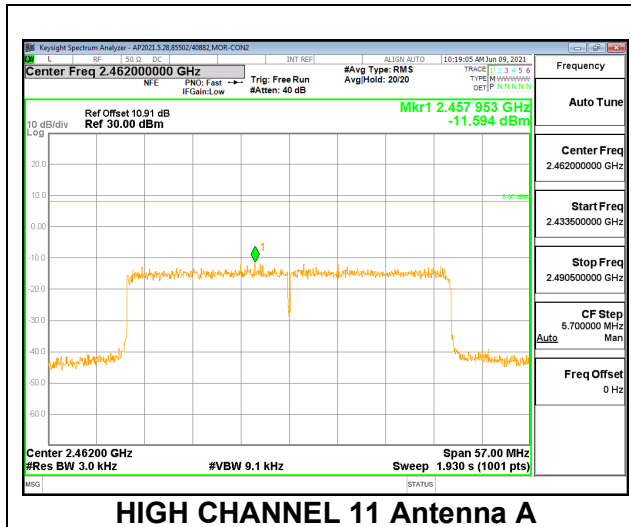
### HIGH CHANNEL 9



### HIGH CHANNEL 10



### HIGH CHANNEL 11



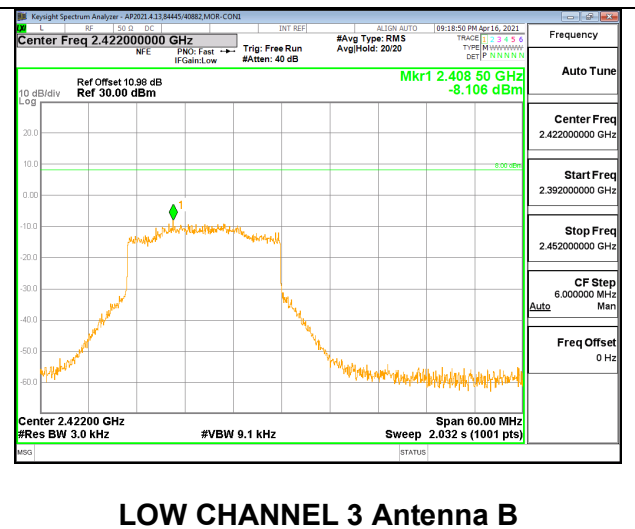
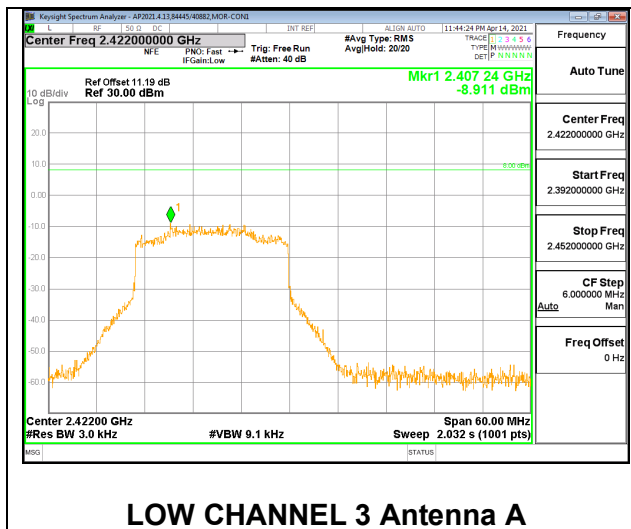


**2TX Antenna A + Antenna B OFDMA MODE: 242-Tones, RU Index 61**

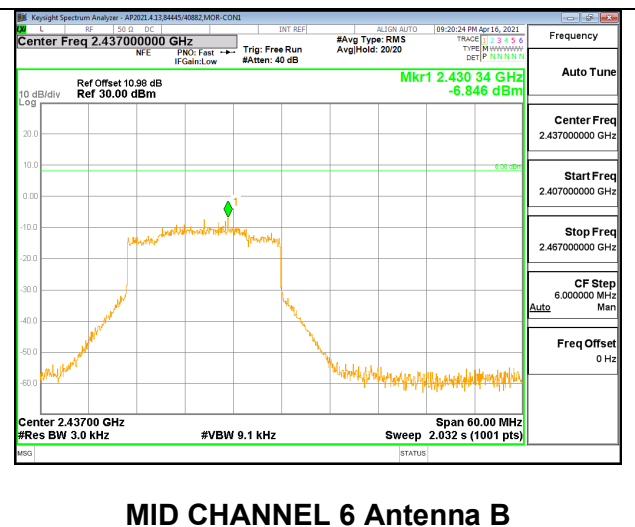
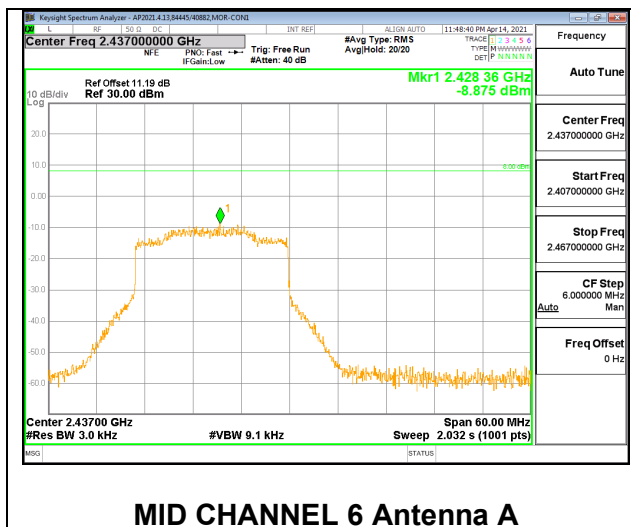
**PSD Results**

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	-8.91	-8.11	-5.48	8.0	-13.5
Mid 6	2437	-8.88	-6.85	-4.73	8.0	-12.7

**LOW CHANNEL 3**



**MID CHANNEL 6**

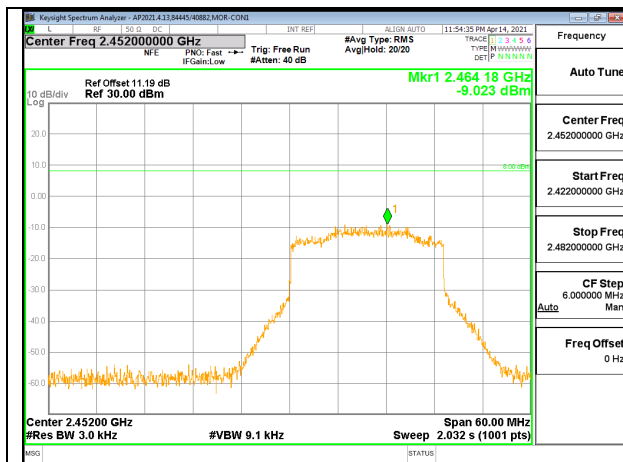


**2TX Antenna A + Antenna B OFDMA MODE: 242-Tones, RU Index 62**

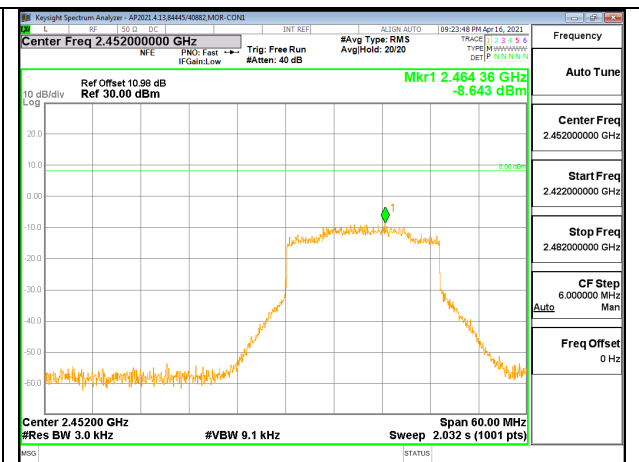
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/3kHz)	ANT B Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
High 9	2452	-9.02	-8.64	-5.82	8.0	-13.8
High 10	2457	-11.87	-11.59	-8.72	8.0	-16.7
High 11	2462	-13.71	-13.67	-10.68	8.0	-18.7

**HIGH CHANNEL 9**

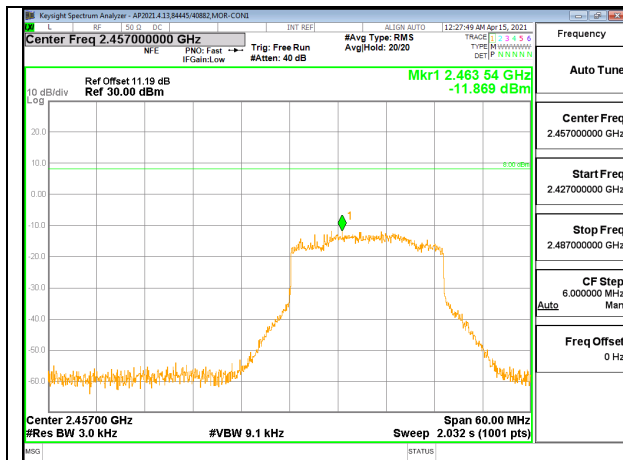


**HIGH CHANNEL 9 Antenna A**

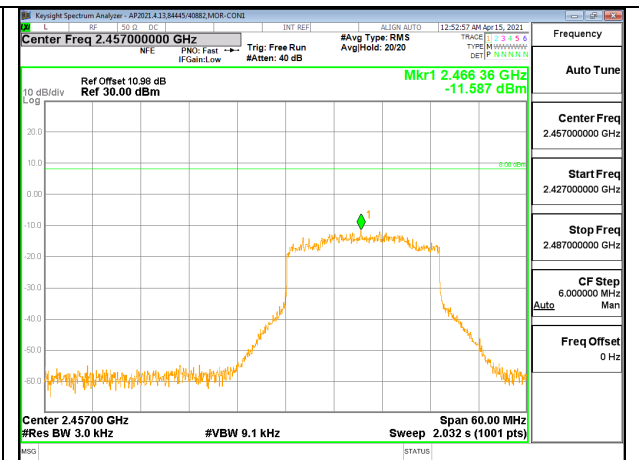


**HIGH CHANNEL 9 Antenna B**

**HIGH CHANNEL 10**

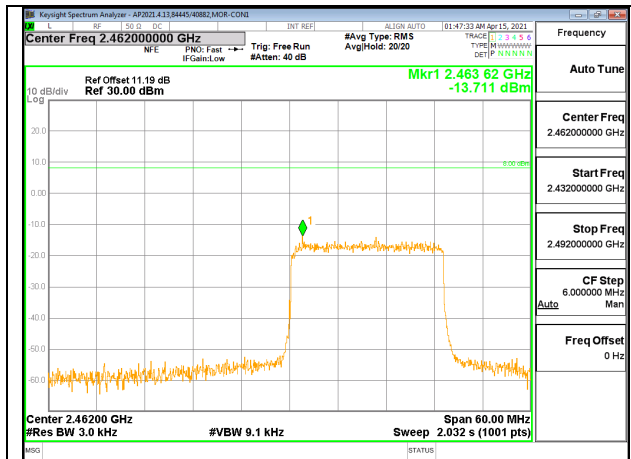


**HIGH CHANNEL 10 Antenna A**

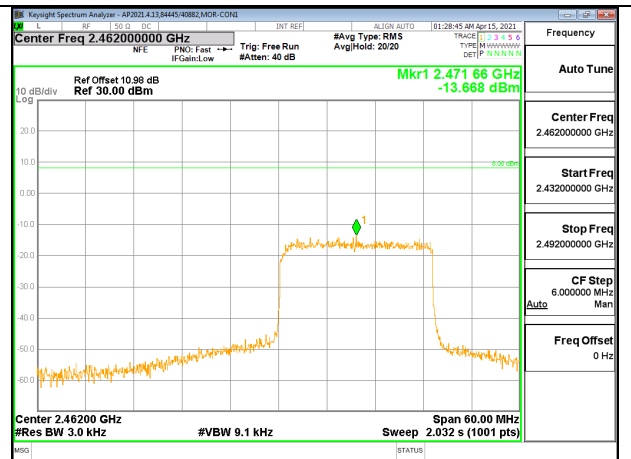


**HIGH CHANNEL 10 Antenna B**

### HIGH CHANNEL 11



**HIGH CHANNEL 11 Antenna A**



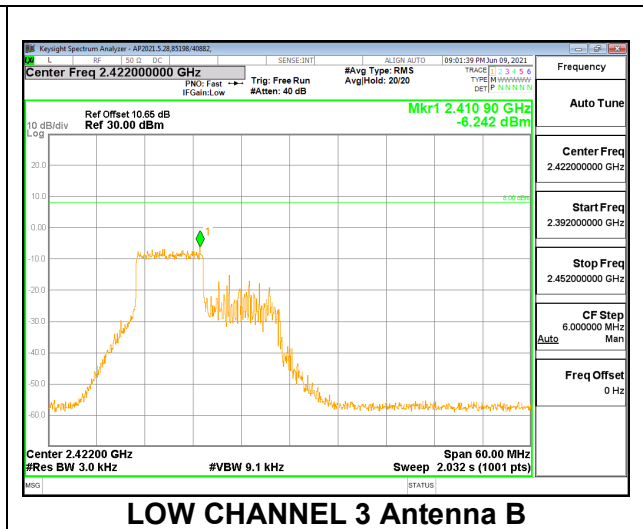
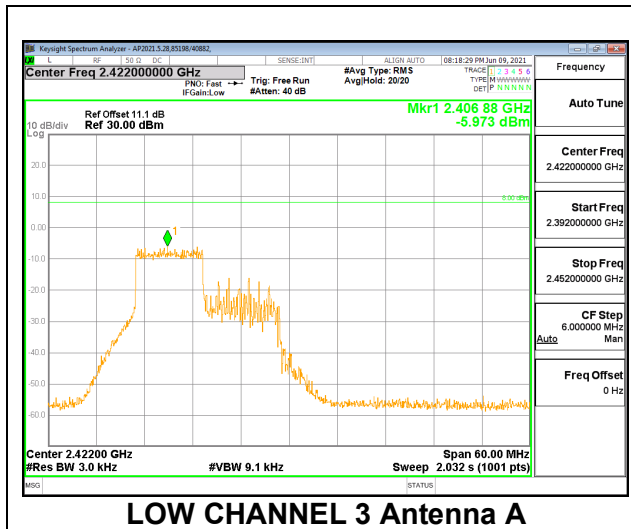
**HIGH CHANNEL 11 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 53**

**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-5.97	-6.24	-3.10	8.0	-11.1

**LOW CHANNEL 3**

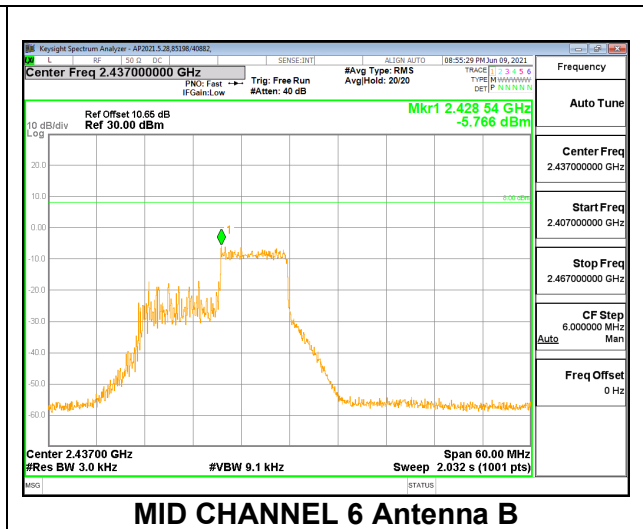
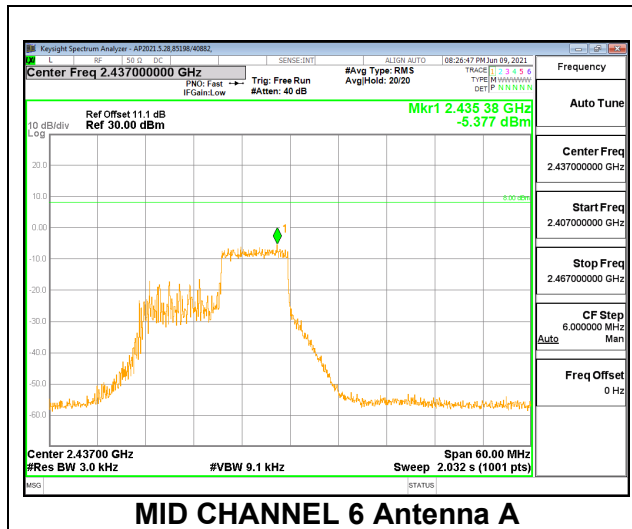


**2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 54**

**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-5.38	-5.77	-2.56	8.0	-10.6

**MID CHANNEL 6**

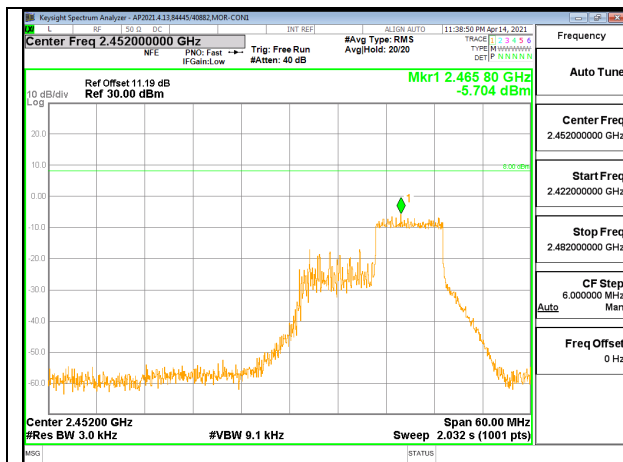


**2TX Antenna A + Antenna B OFDMA MODE: 106-Tones, RU Index 56**

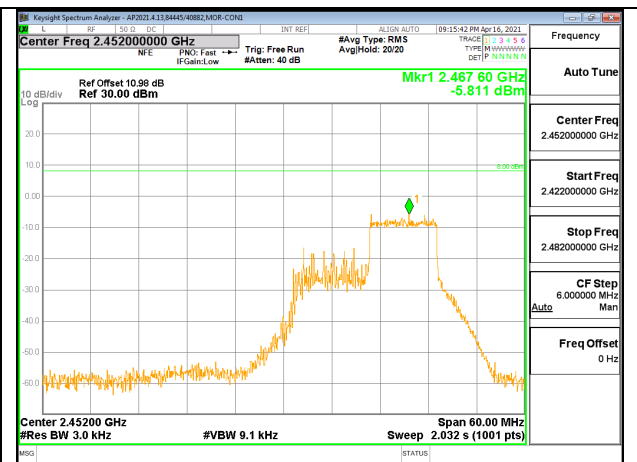
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/3kHz)	ANT B Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
High 9	2452	-5.70	-5.81	-2.75	8.0	-10.7
High 10	2457	-17.77	-17.96	-14.85	8.0	-22.9
High 11	2462	-19.56	-18.88	-16.19	8.0	-24.2

**HIGH CHANNEL 9**

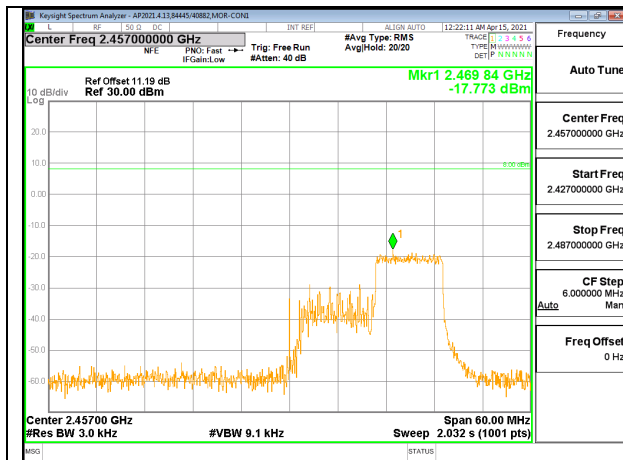


**HIGH CHANNEL 9 Antenna A**

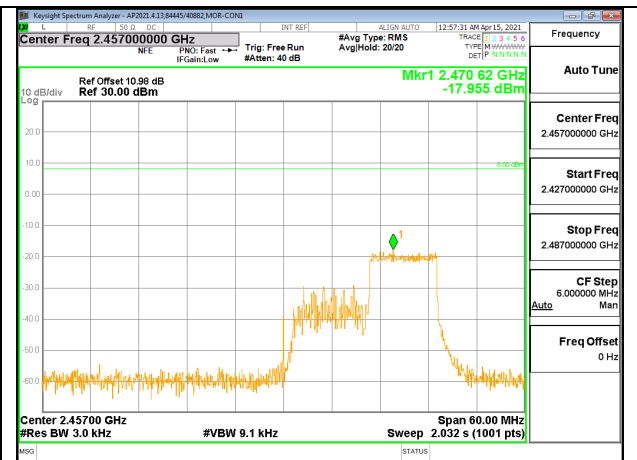


**HIGH CHANNEL 9 Antenna B**

**HIGH CHANNEL 10**

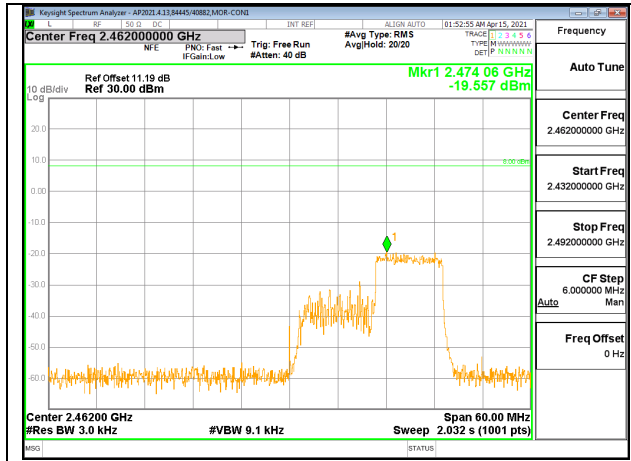


**HIGH CHANNEL 10 Antenna A**

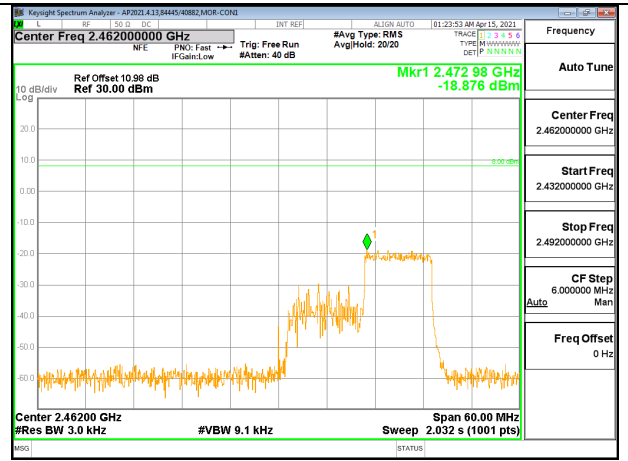


**HIGH CHANNEL 10 Antenna B**

### HIGH CHANNEL 11



**HIGH CHANNEL 11 Antenna A**



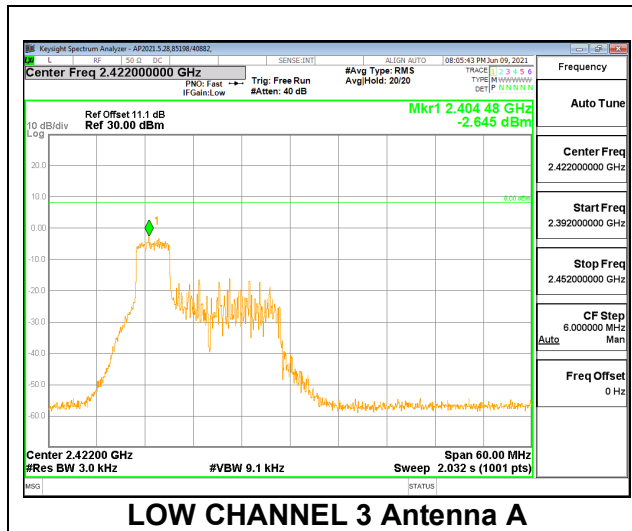
**HIGH CHANNEL 11 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 37**

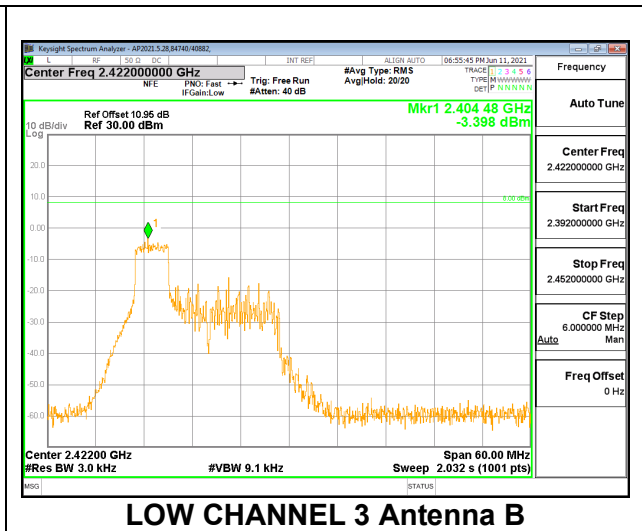
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-2.65	-3.40	0.01	8.0	-8.0

**LOW CHANNEL 3**



**LOW CHANNEL 3 Antenna A**



**LOW CHANNEL 3 Antenna B**

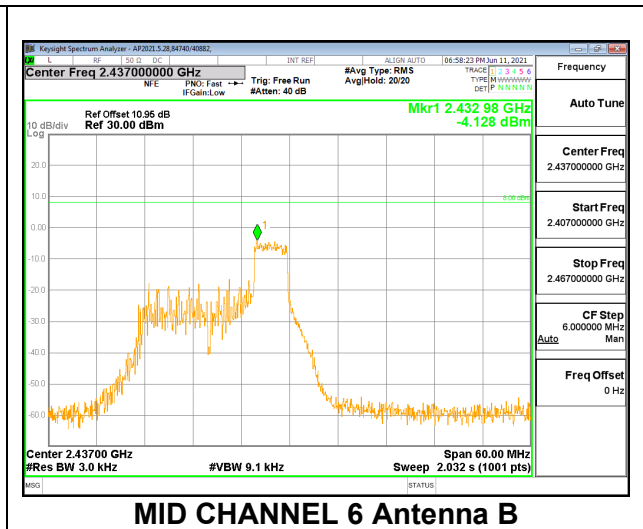
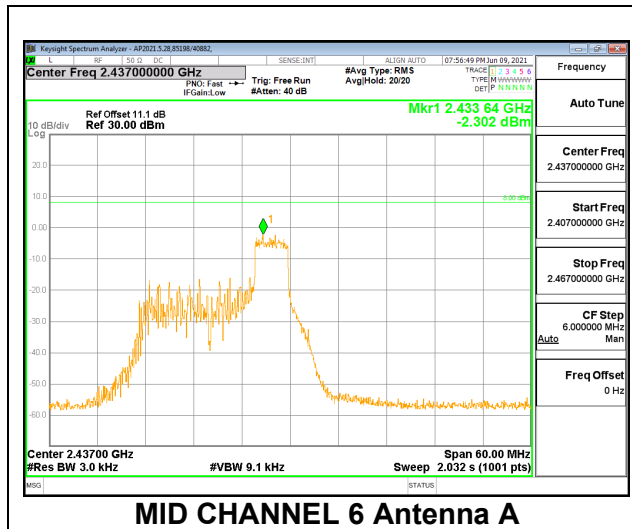


**2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 40**

**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-2.30	-4.13	-0.11	8.0	-8.1

**MID CHANNEL 6**

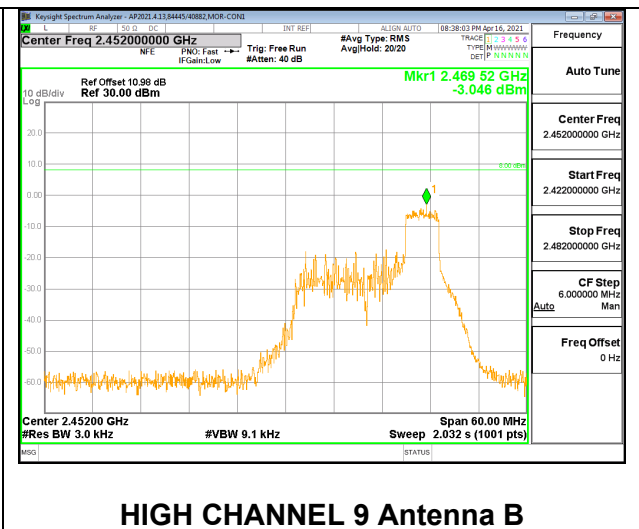
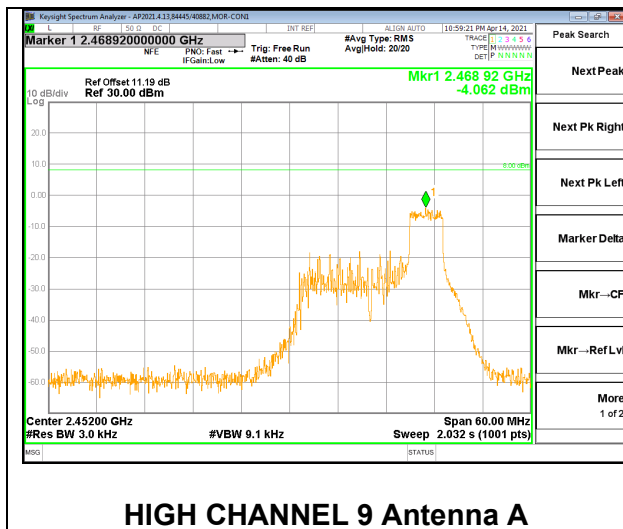


**2TX Antenna A + Antenna B OFDMA MODE: 52-Tones, RU Index 44**

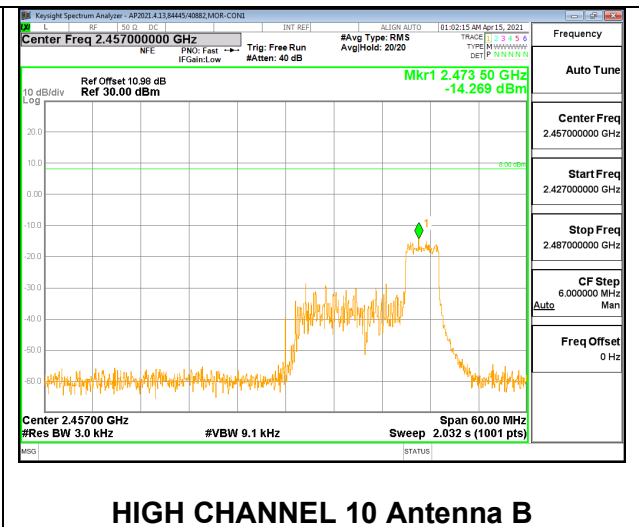
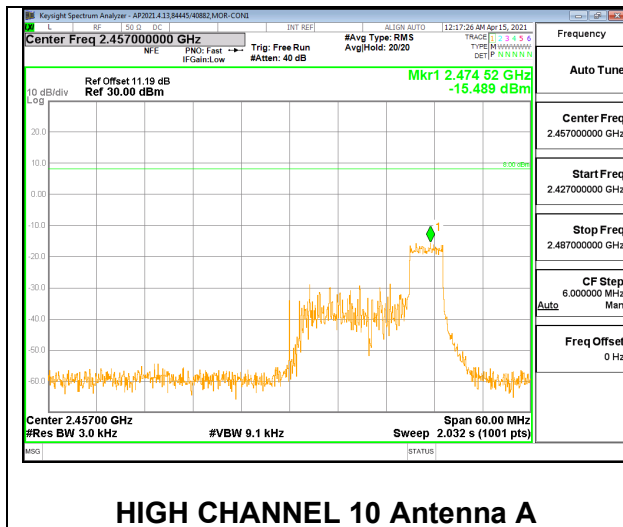
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 9	2452	-4.06	-3.05	-0.51	8.0	-8.5
High 10	2457	-15.49	-14.27	-11.83	8.0	-19.8
High 11	2462	-16.54	-15.56	-13.01	8.0	-21.0

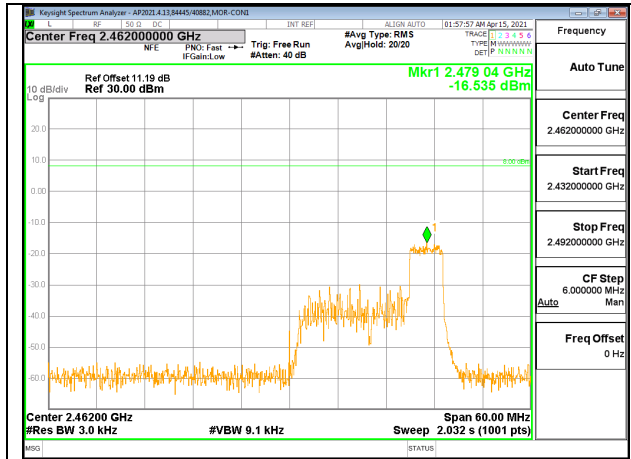
**HIGH CHANNEL 9**



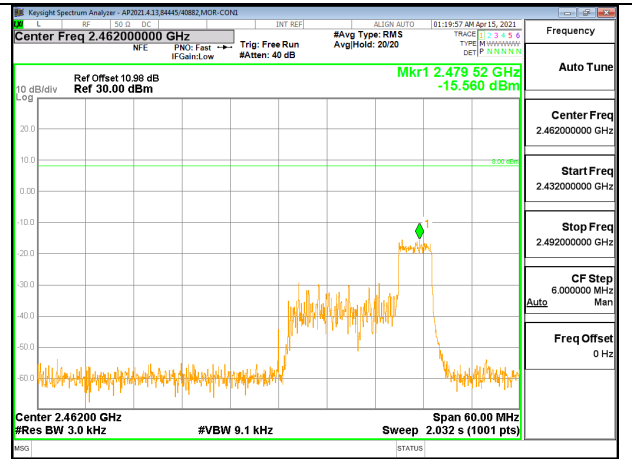
**HIGH CHANNEL 10**



### HIGH CHANNEL 11



**HIGH CHANNEL 11 Antenna A**



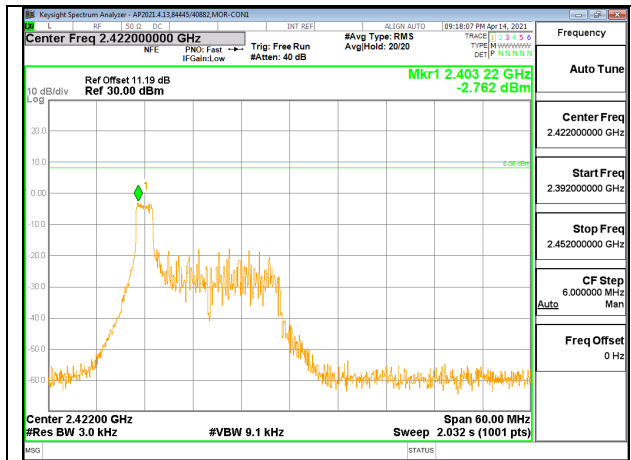
**HIGH CHANNEL 11 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 0**

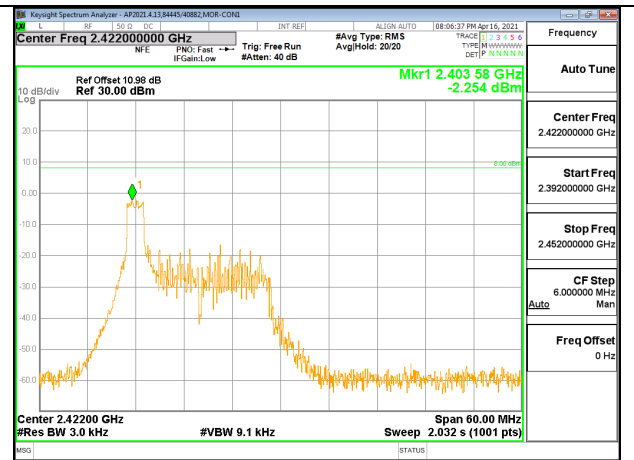
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-2.76	-2.25	0.51	8.0	-7.5

**LOW CHANNEL 3**



**LOW CHANNEL 3 Antenna A**



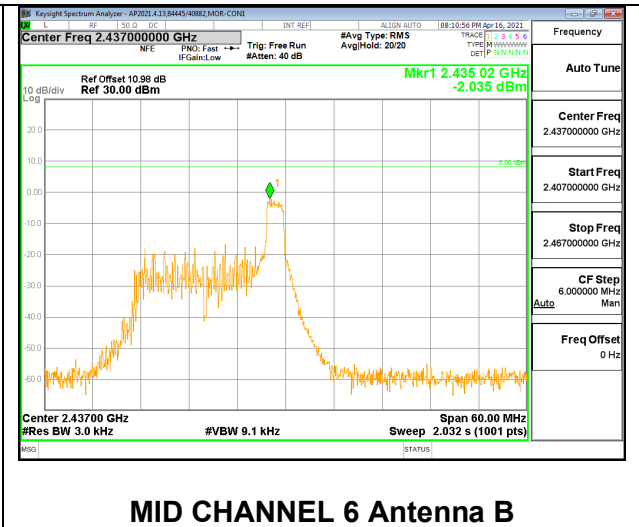
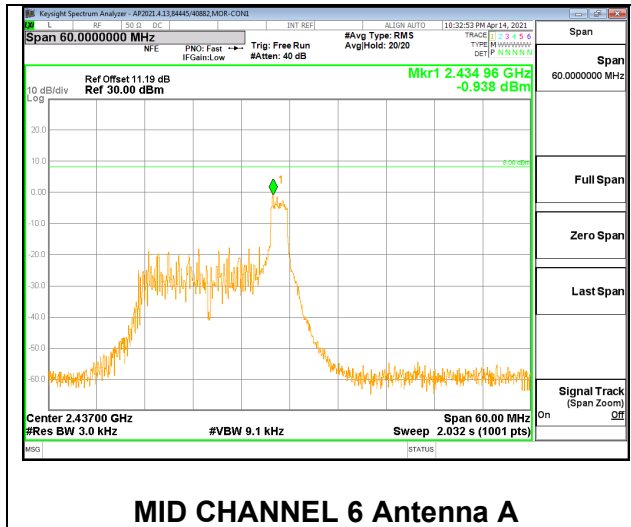
**LOW CHANNEL 3 Antenna B**

**2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 8**

**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-0.94	-2.04	1.56	8.0	-6.4

**MID CHANNEL 6**

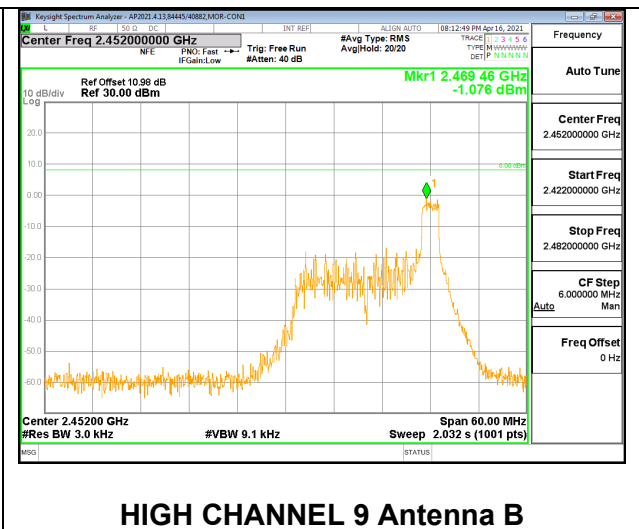
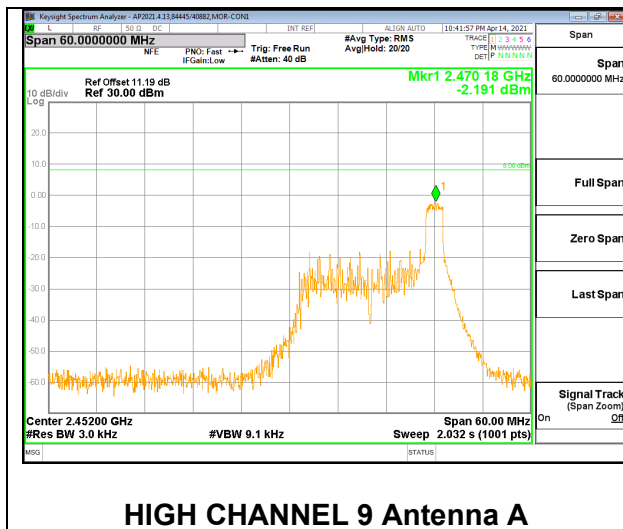


**2TX Antenna A + Antenna B OFDMA MODE: 26-Tones, RU Index 17**

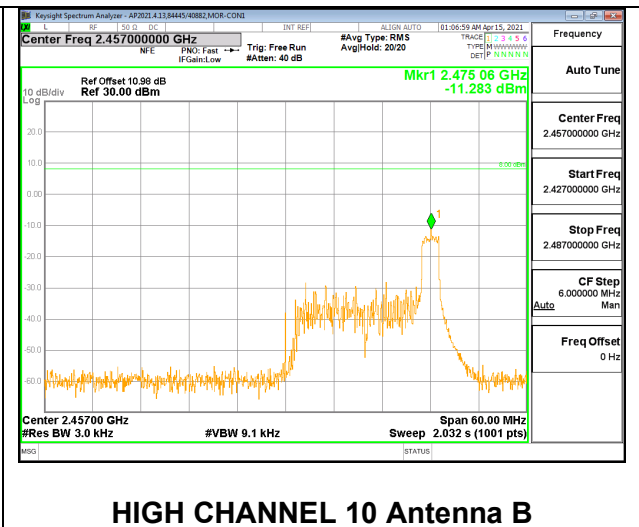
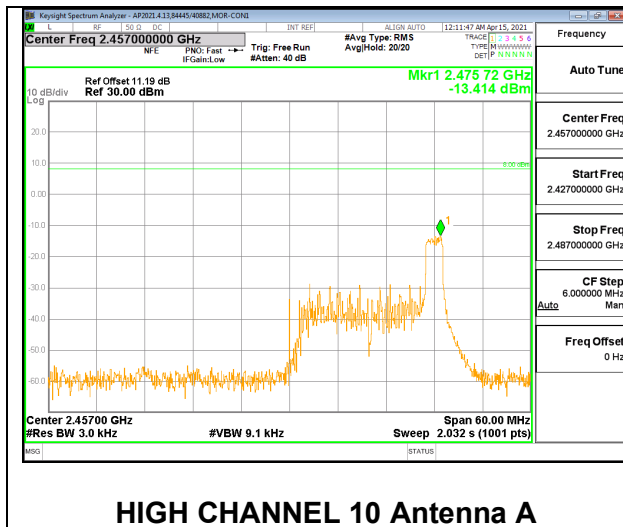
**PSD Results**

Channel	Frequency (MHz)	ANT A Meas (dBm/ 3kHz)	ANT B Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 9	2452	-2.19	-1.08	1.41	8.0	-6.6
High 10	2457	-13.41	-11.28	-9.21	8.0	-17.2
High 11	2462	-14.23	-12.80	-10.44	8.0	-18.4

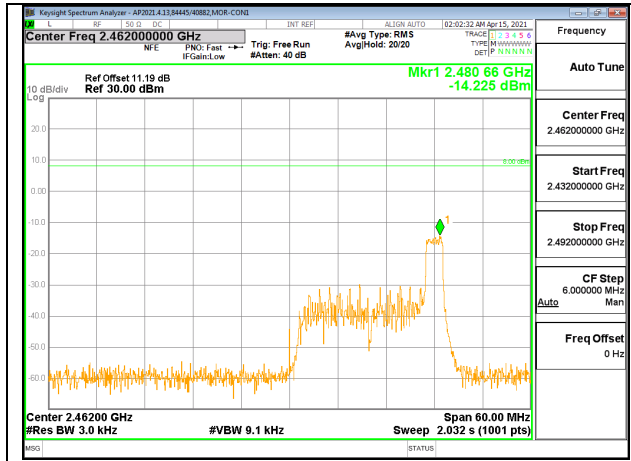
**HIGH CHANNEL 9**



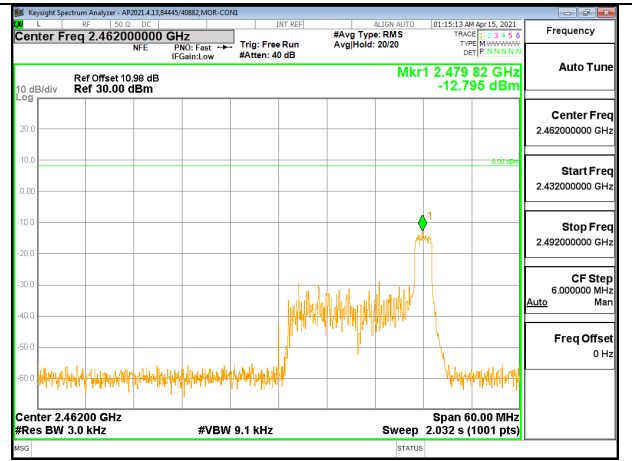
**HIGH CHANNEL 10**



### HIGH CHANNEL 11



HIGH CHANNEL 11 Antenna A



HIGH CHANNEL 11 Antenna B

## **9.5. CONDUCTED SPURIOUS EMISSIONS**

### **LIMITS**

FCC §15.407 (d)

RSS-247 5.5

(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

### **PROCEDURE**

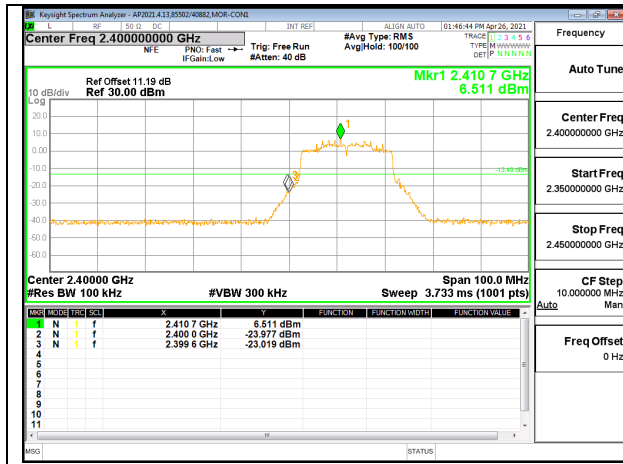
Output power was measured based on the use of peak measurement, therefore the required attenuation is -20 dBc.

### **RESULTS**

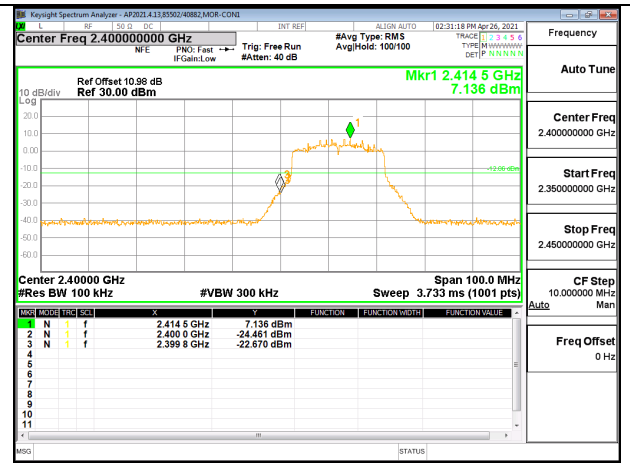


### 9.5.1. 802.11ax HE20 MODE 2TX

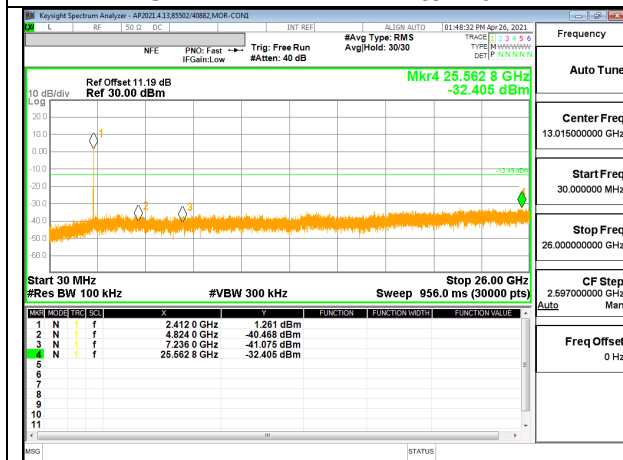
#### 2TX Antenna A + Antenna B OFDMA MODE: SU, Single User LOW CHANNEL 1



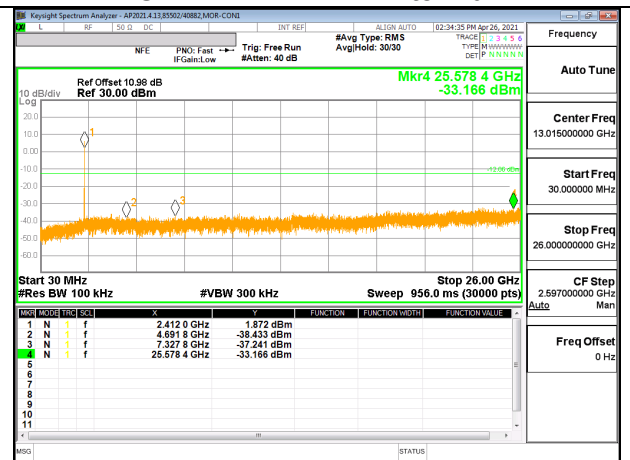
LOW CHANNEL 1 Antenna A



LOW CHANNEL 1 Antenna B

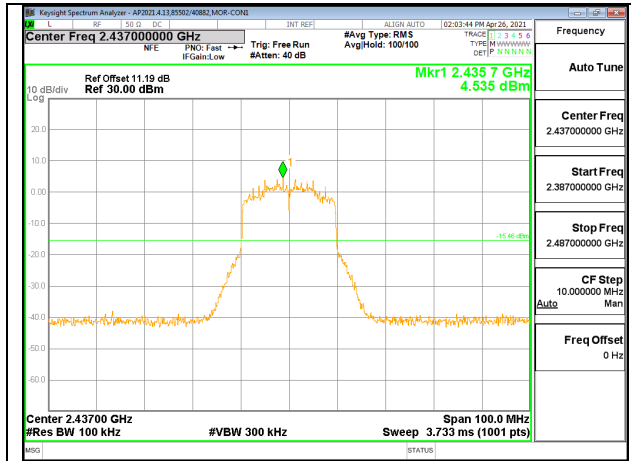


LOW CHANNEL 1 Antenna A

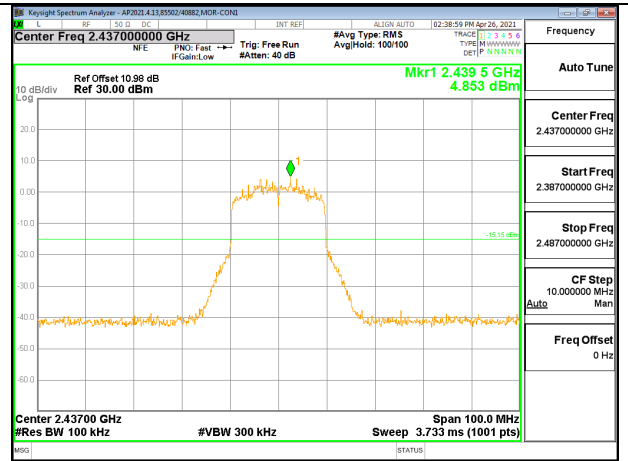


LOW CHANNEL 1 Antenna B

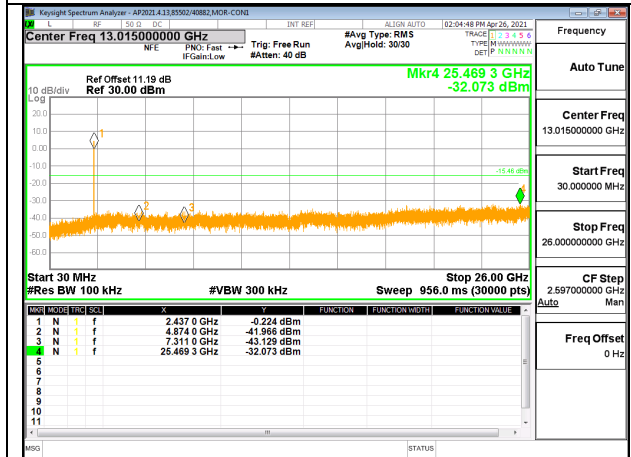
### MID CHANNEL 6



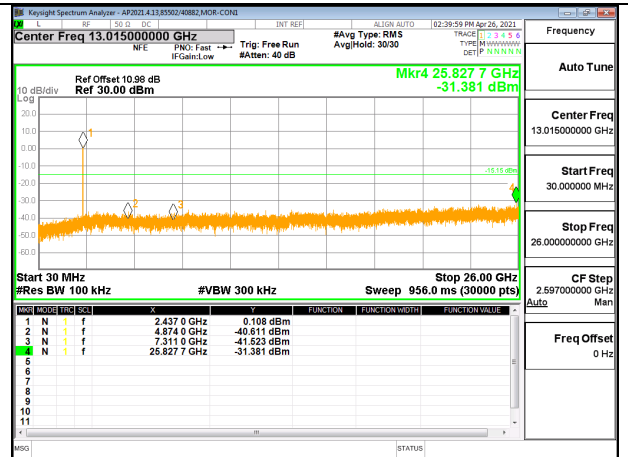
MID CHANNEL 6 Antenna A



MID CHANNEL 6 Antenna B

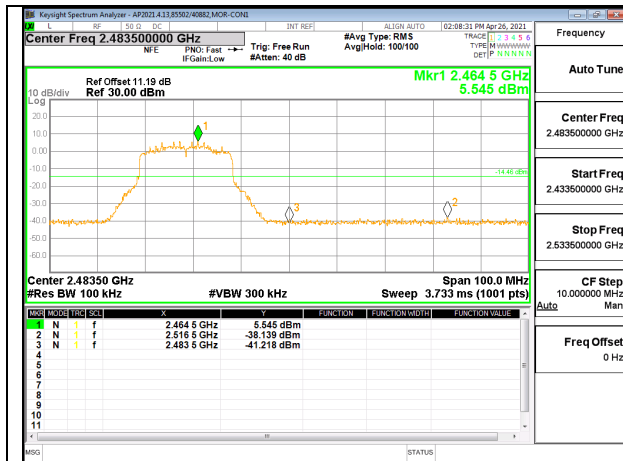


MID CHANNEL 6 Antenna A

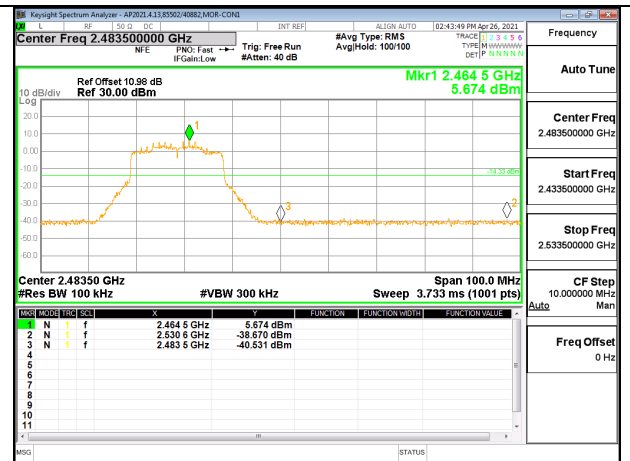


MID CHANNEL 6 Antenna B

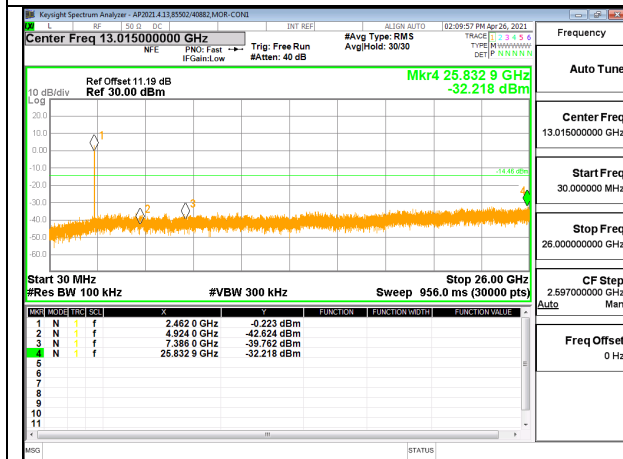
### HIGH CHANNEL 11



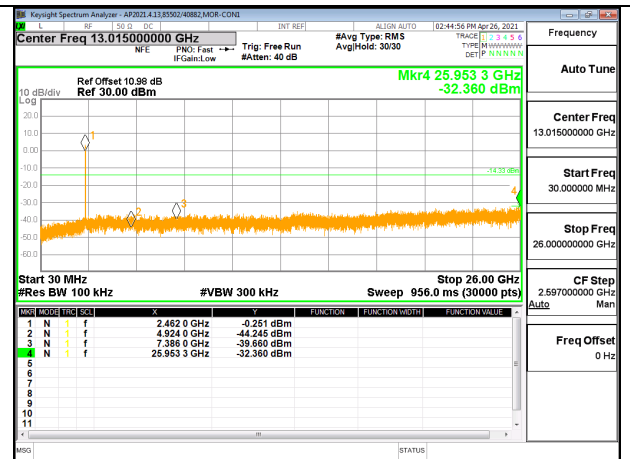
HIGH CHANNEL 11 Antenna A



HIGH CHANNEL 11 Antenna B



HIGH CHANNEL 11 Antenna A



HIGH CHANNEL 11 Antenna B