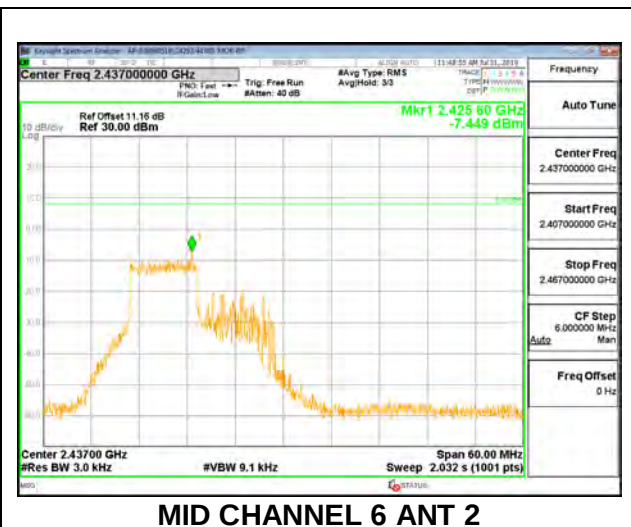
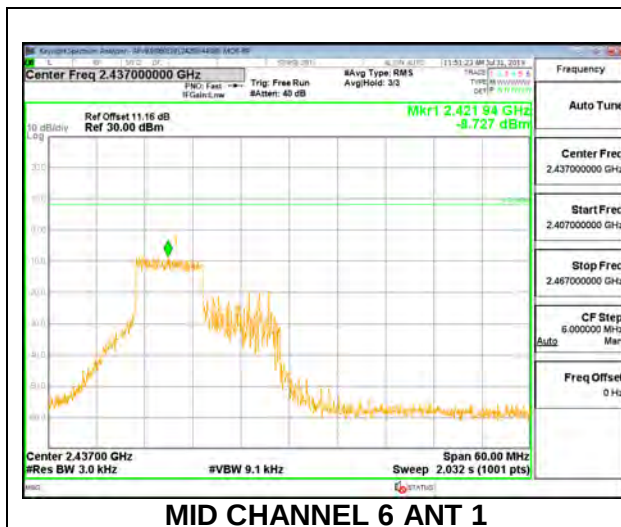
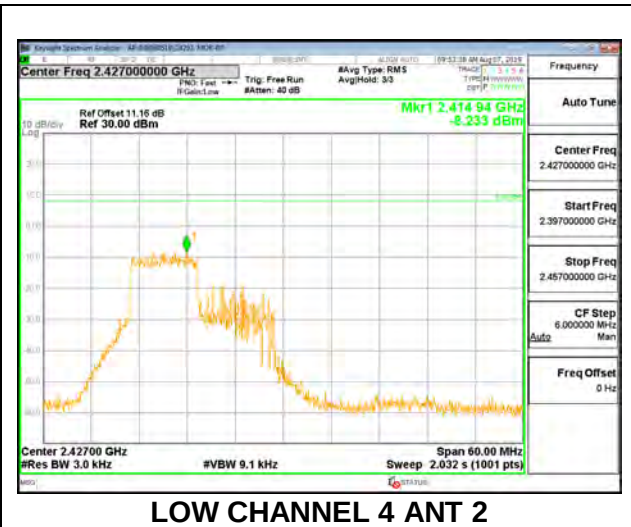
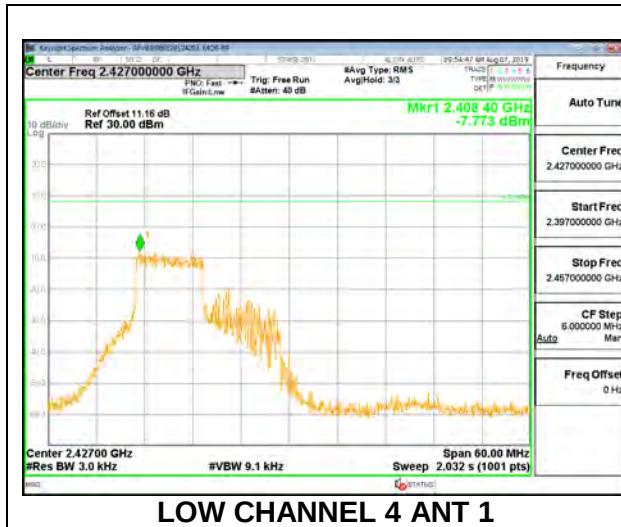
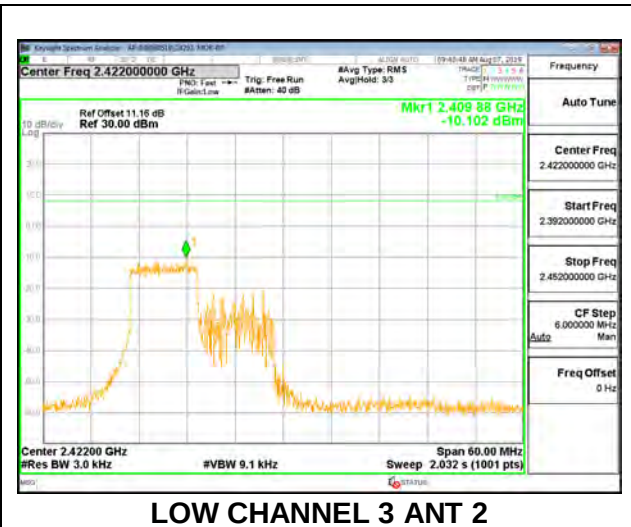
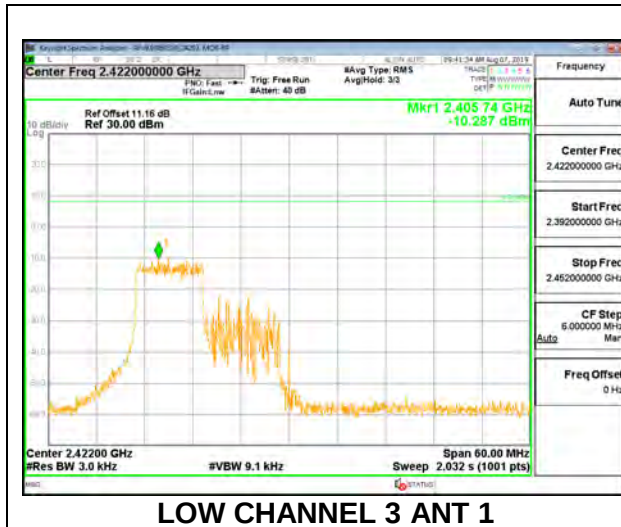
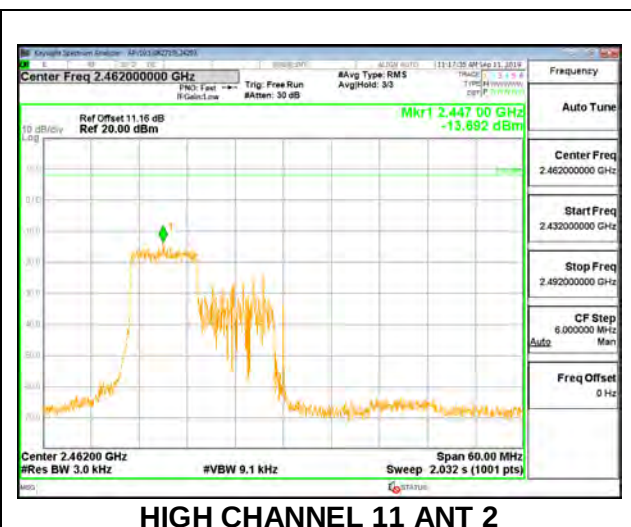
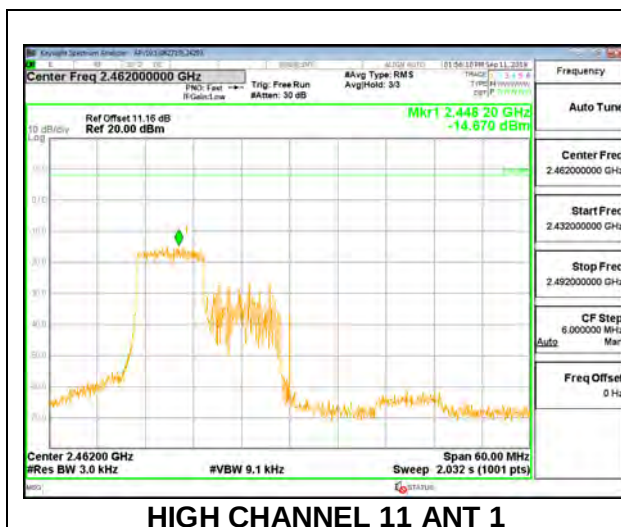
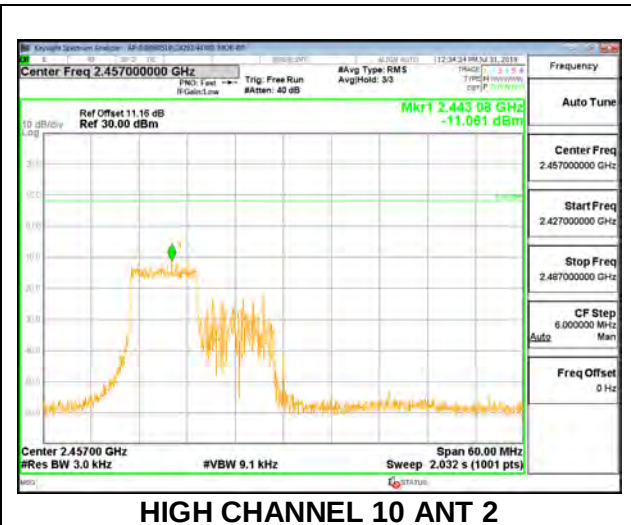
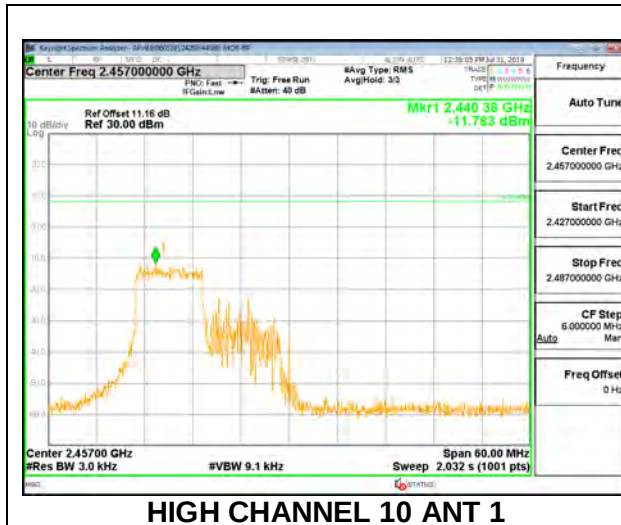
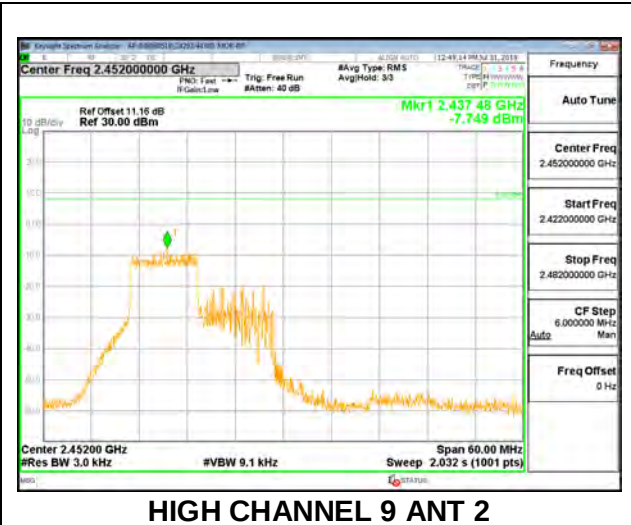
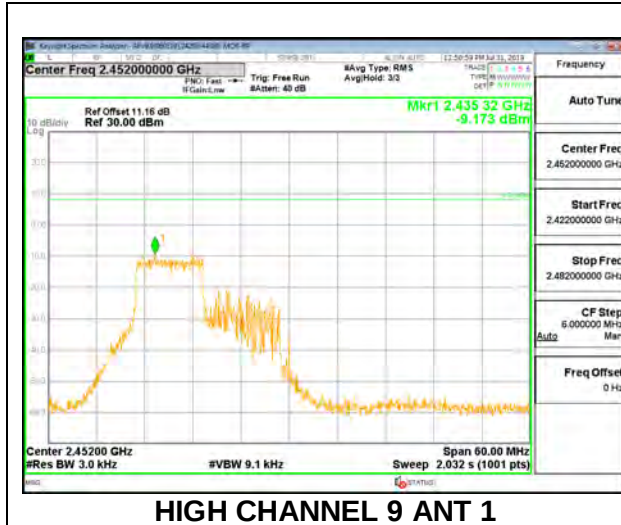




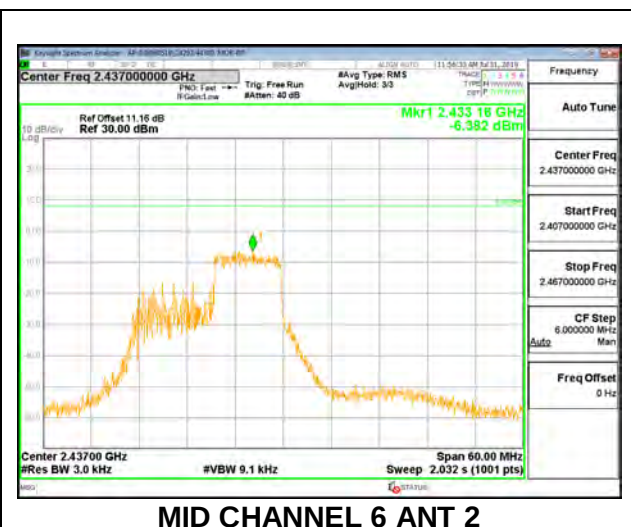
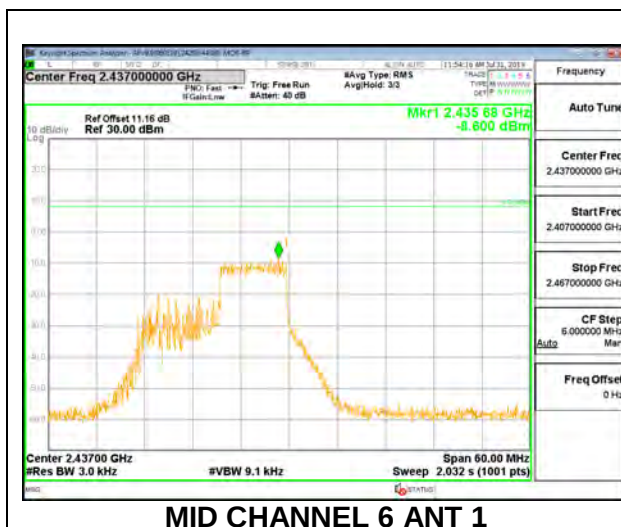
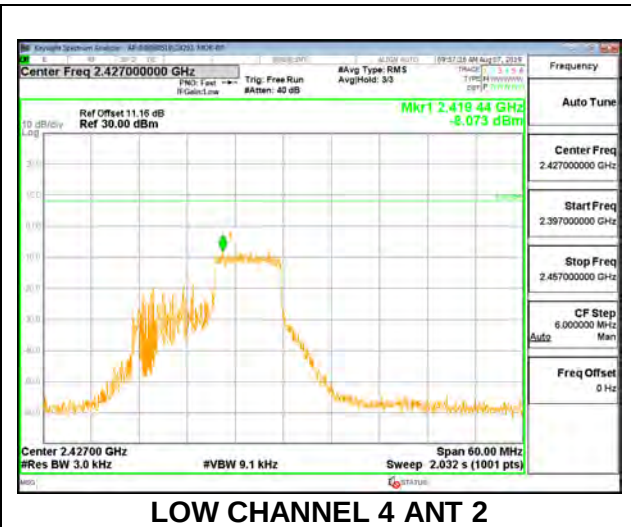
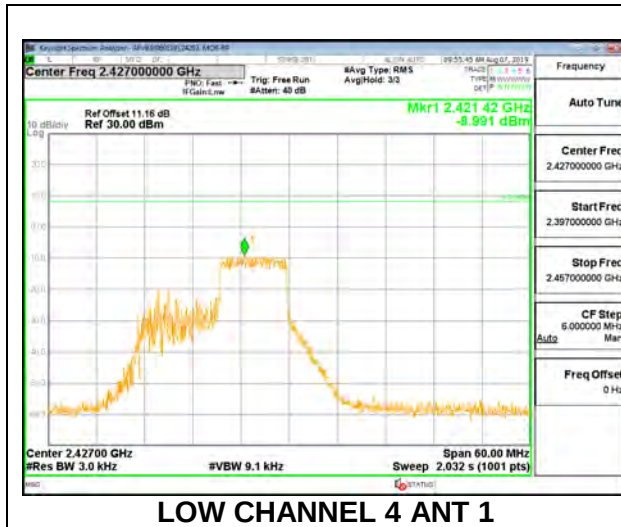
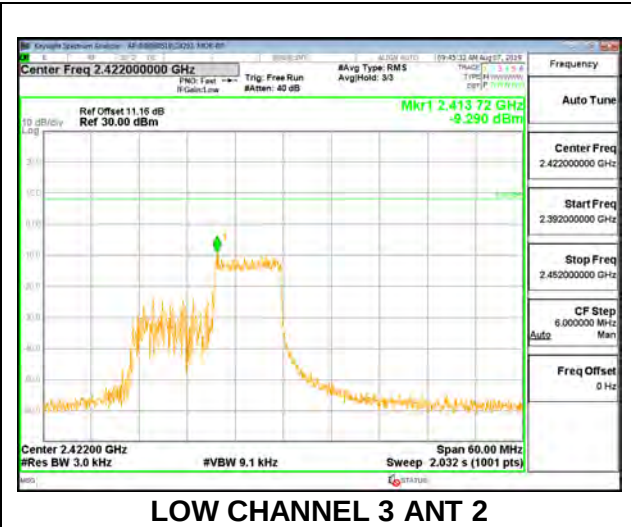
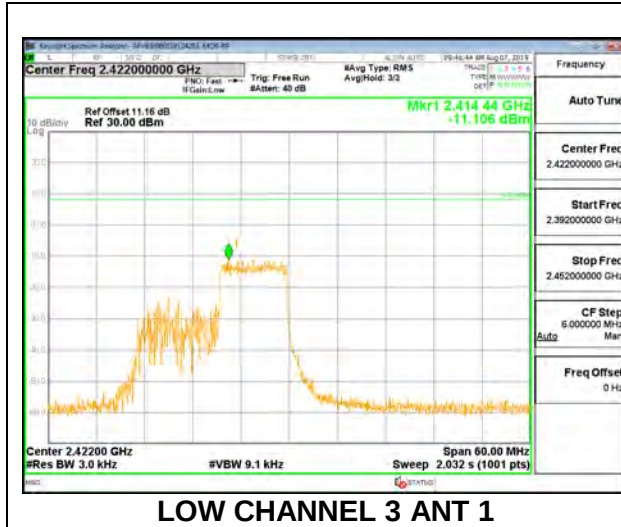


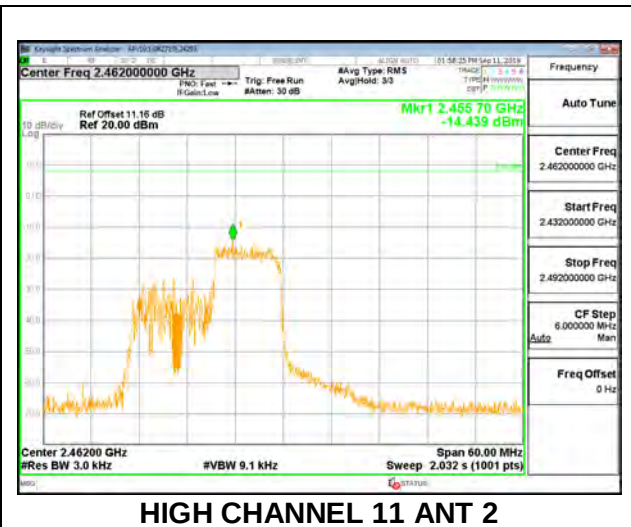
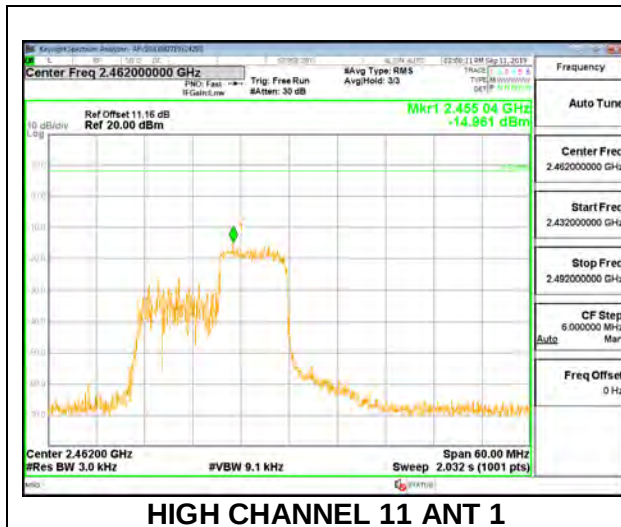
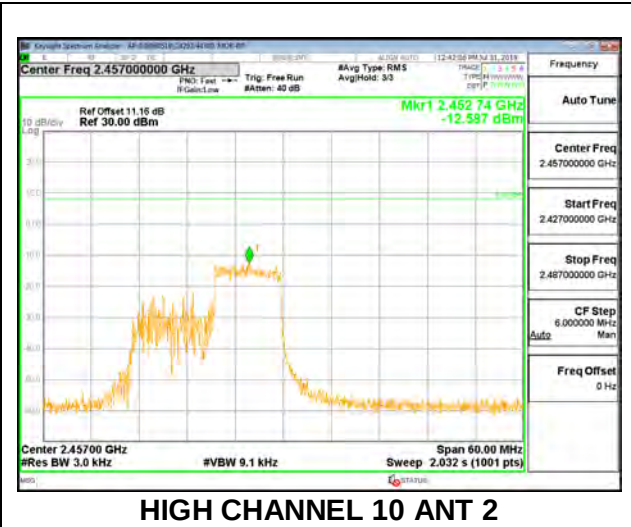
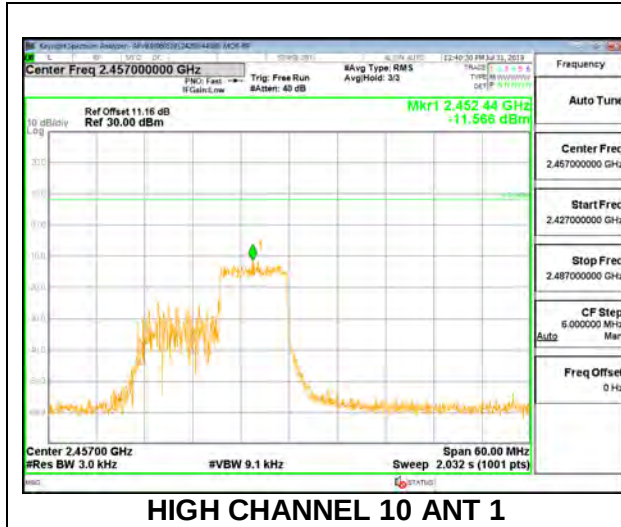
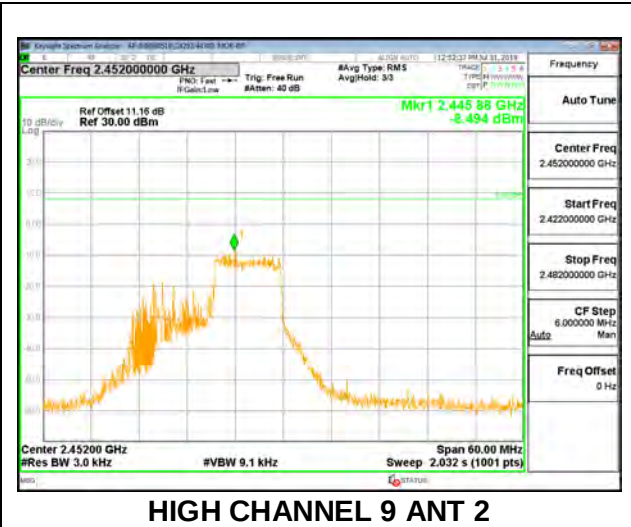
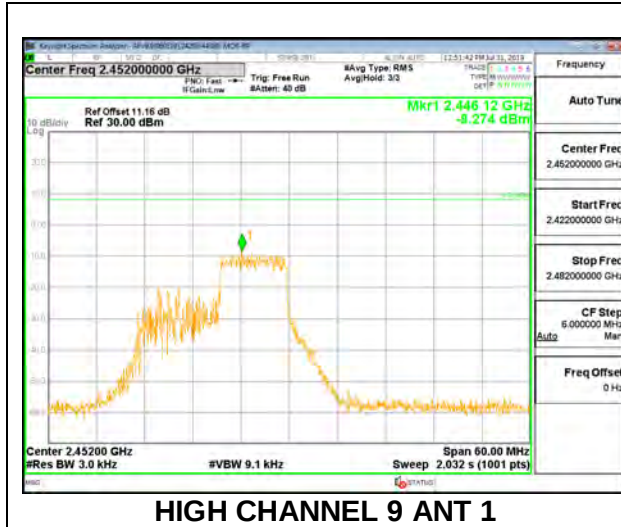
Antenna 1 +Chain 1 2TX MODE: 106-Tones RU Index 54

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

Channel	Frequency (MHz)	Antenna 1 Measured (dBm/ 3kHz)	Antenna 2 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-11.106	-9.290	-7.09	8.0	-15.1
Low 4	2427	-8.991	-8.073	-5.50	8.0	-13.5
Mid 6	2437	-8.600	-6.382	-4.34	8.0	-12.3
High 9	2452	-8.274	-8.494	-5.37	8.0	-13.4
High 10	2457	-11.566	-12.587	-9.04	8.0	-17.0
High 11	2462	-14.961	-14.439	-11.68	8.0	-19.7



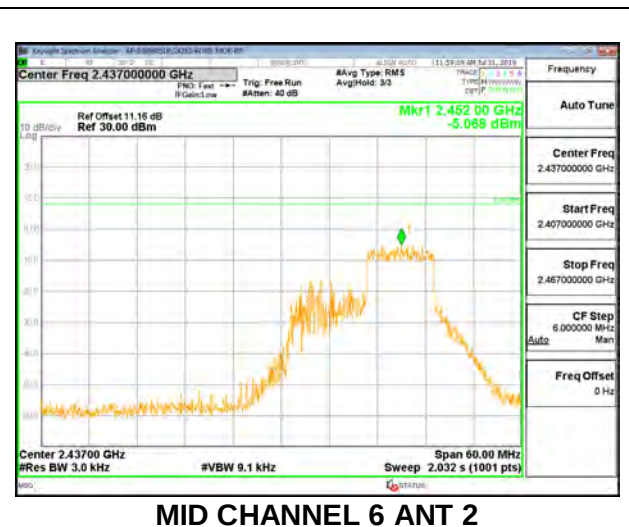
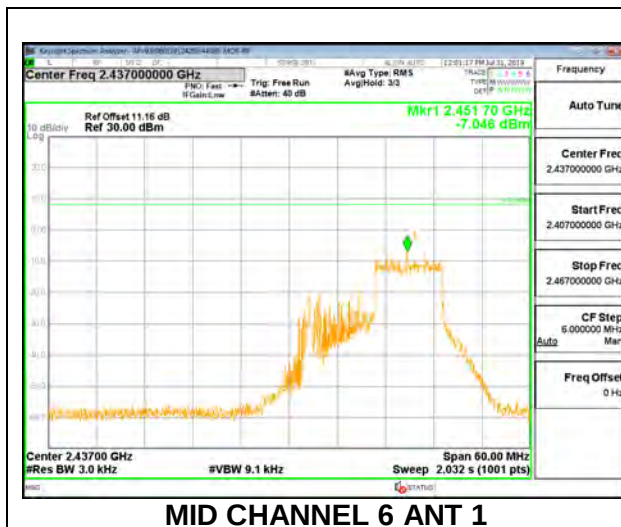
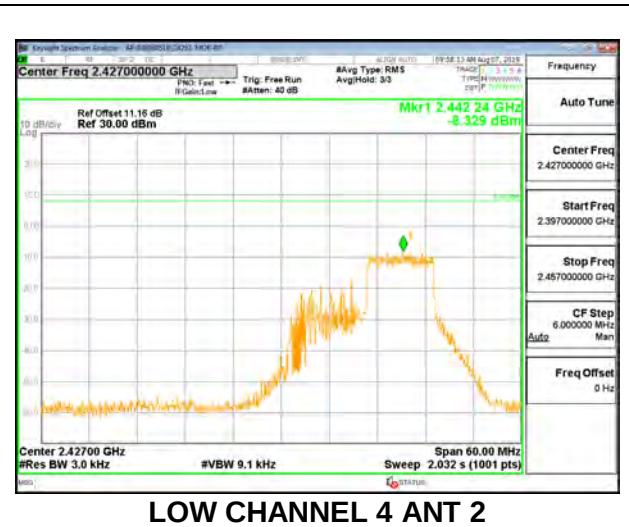
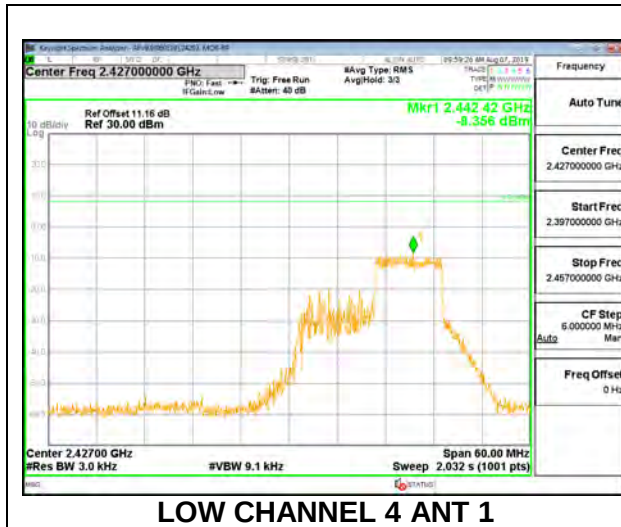
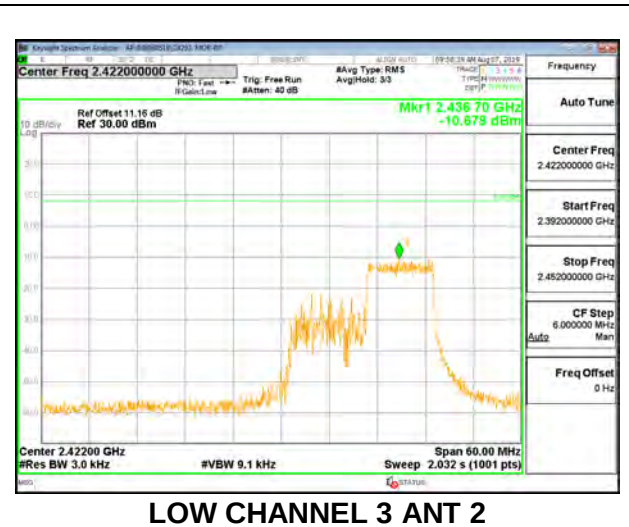
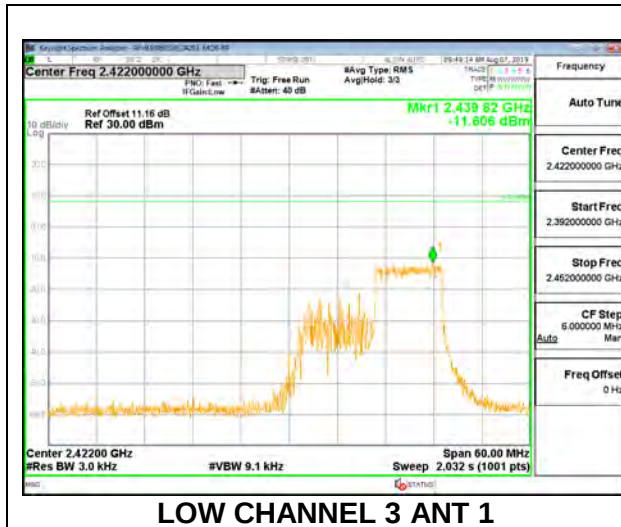


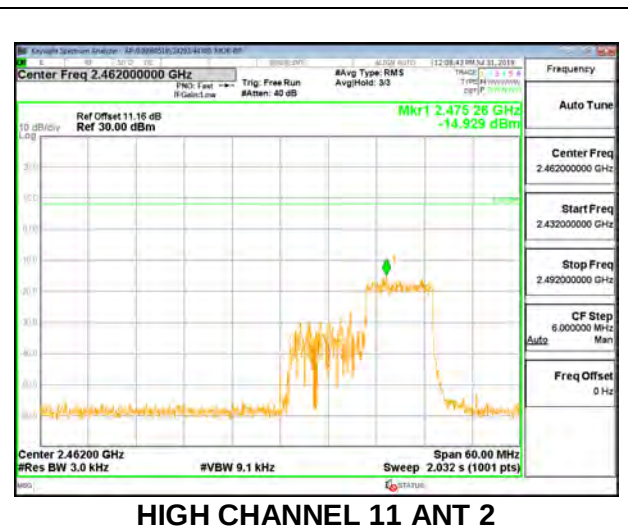
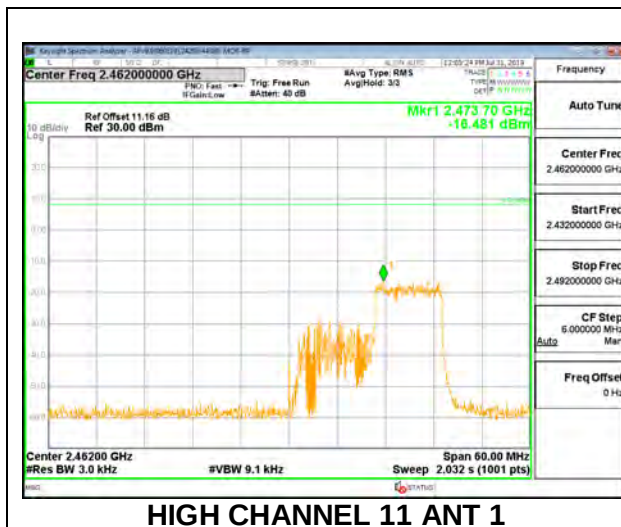
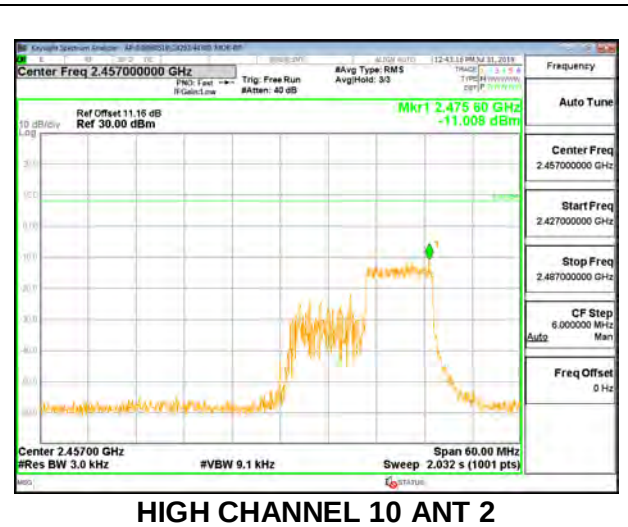
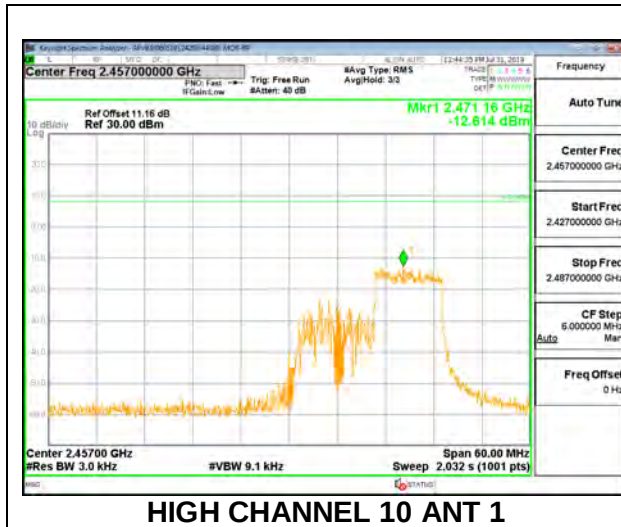
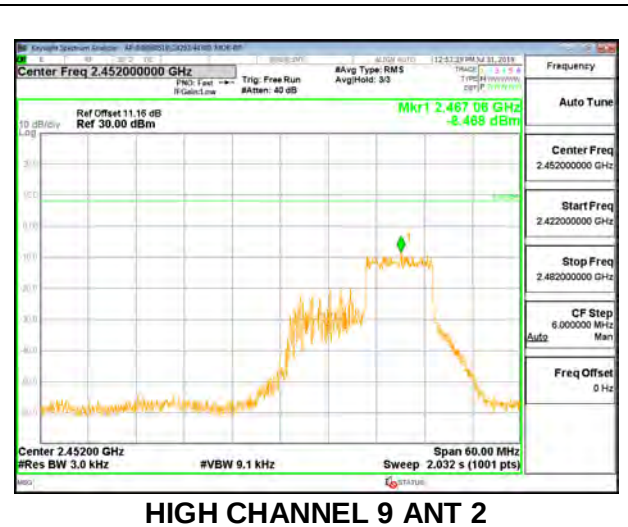
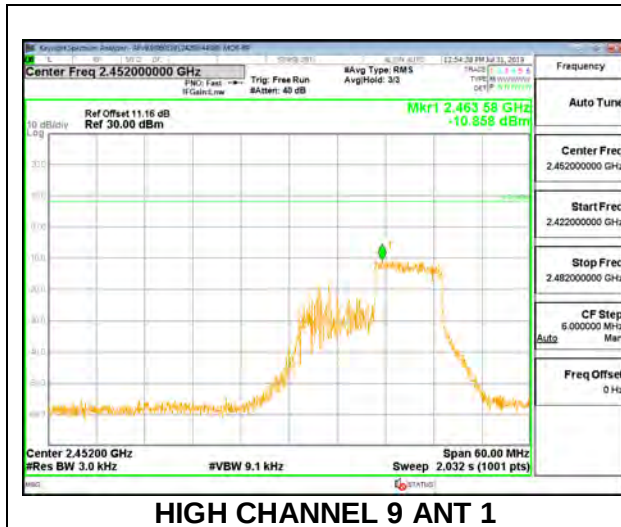
Antenna 1 +Chain 1 2TX MODE: 106-Tones RU Index 56

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

Channel	Frequency (MHz)	Antenna 1 Measured (dBm/ 3kHz)	Antenna 2 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-11.606	-10.678	-8.11	8.0	-16.1
Low 4	2427	-8.356	-8.329	-5.33	8.0	-13.3
Mid 6	2437	-7.046	-5.068	-2.94	8.0	-10.9
High 9	2452	-10.858	-8.468	-6.49	8.0	-14.5
High 10	2457	-12.614	-11.008	-8.73	8.0	-16.7
High 11	2462	-16.481	-14.929	-12.63	8.0	-20.6



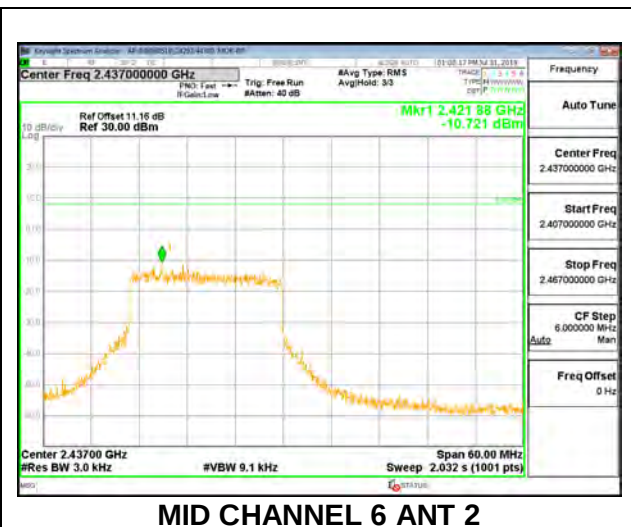
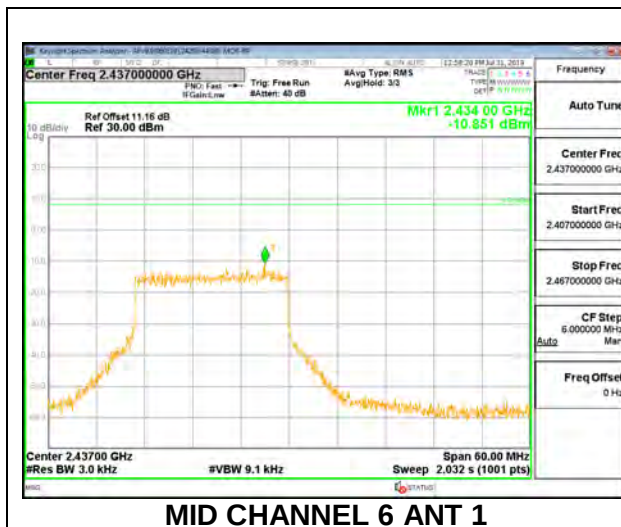
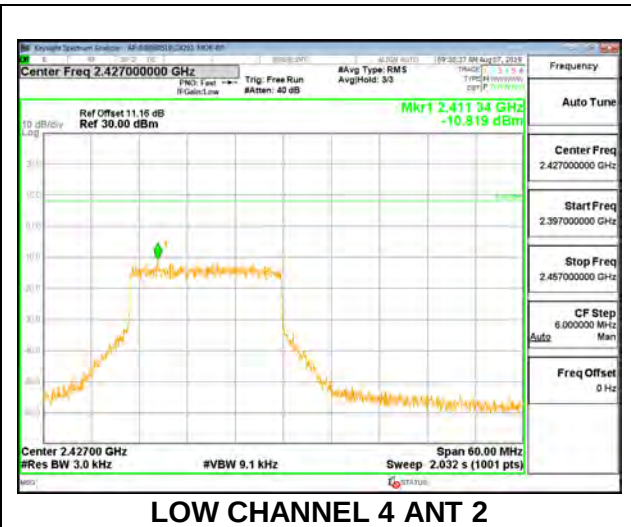
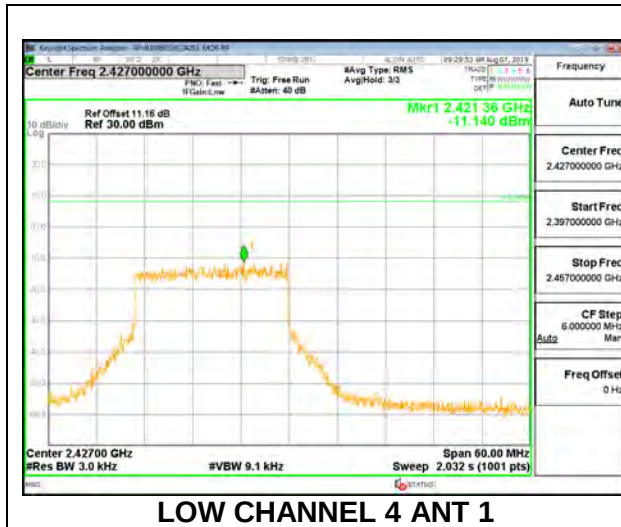
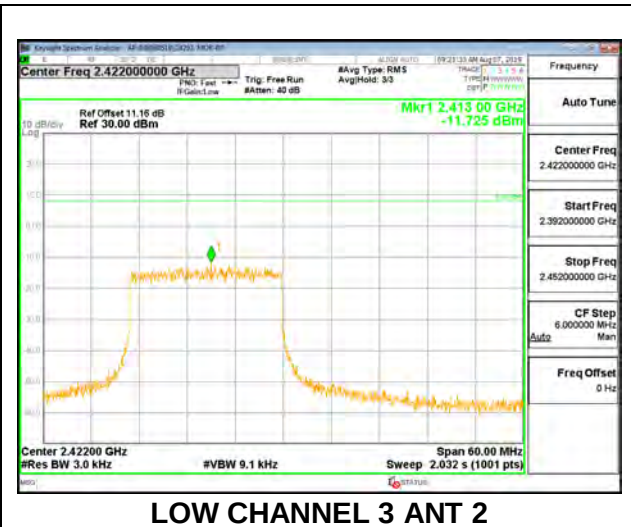
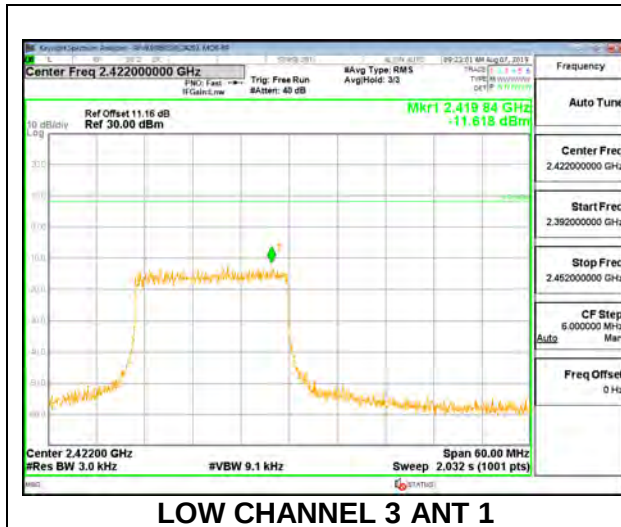


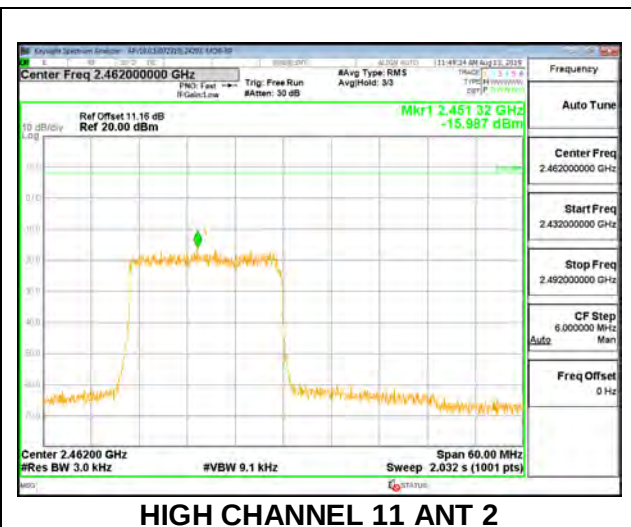
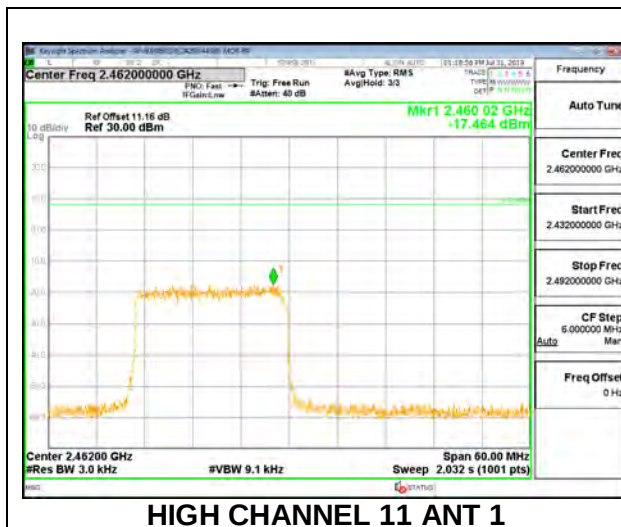
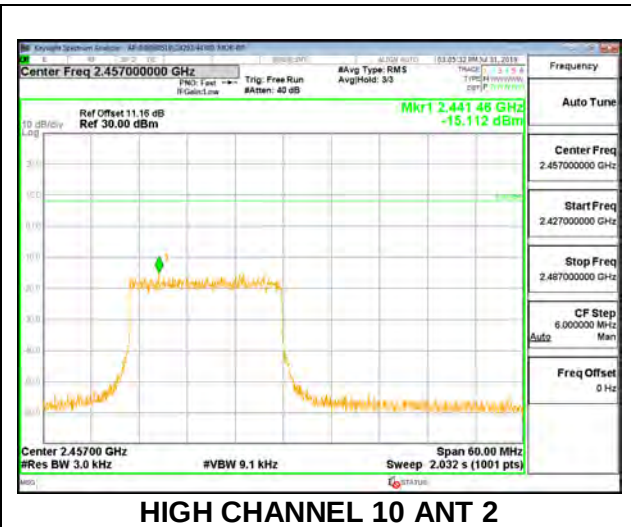
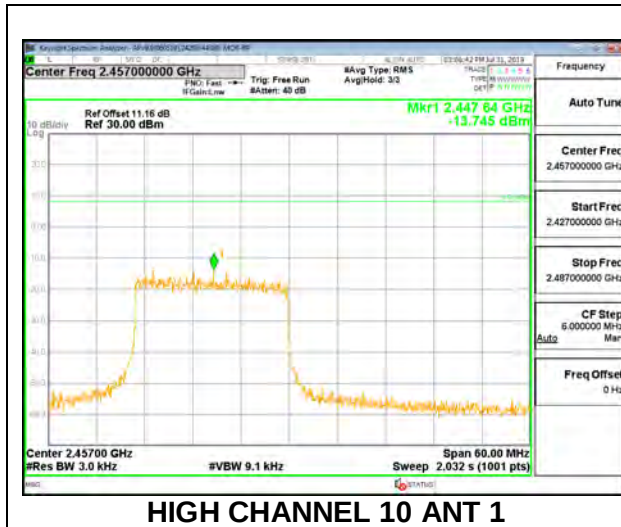
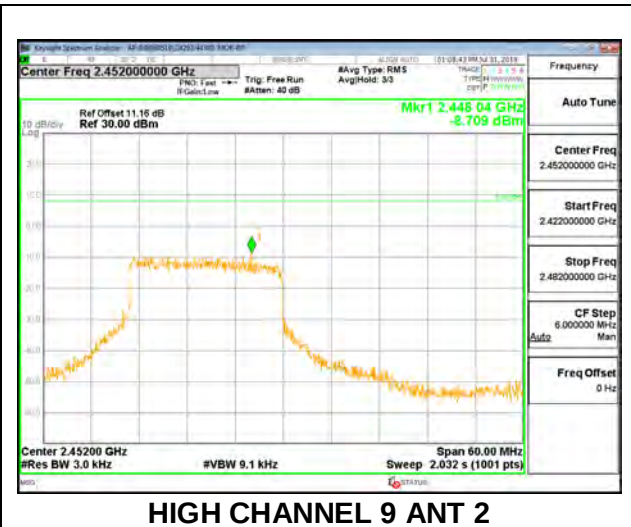
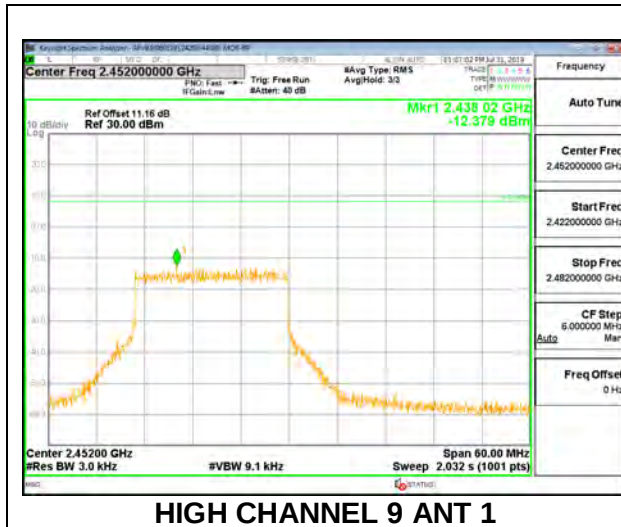
Antenna 1 +Chain 1 2TX MODE: 242-Tones RU Index 61

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

Channel	Frequency (MHz)	Antenna 1 Measured (dBm/ 3kHz)	Antenna 2 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-11.618	-11.725	-8.66	8.0	-16.7
Low 4	2427	-11.140	-10.819	-7.97	8.0	-16.0
Mid 6	2437	-10.851	-10.721	-7.78	8.0	-15.8
High 9	2452	-12.379	-8.709	-7.16	8.0	-15.2
High 10	2457	-13.745	-15.112	-11.36	8.0	-19.4
High 11	2462	-17.464	-15.987	-13.65	8.0	-21.7



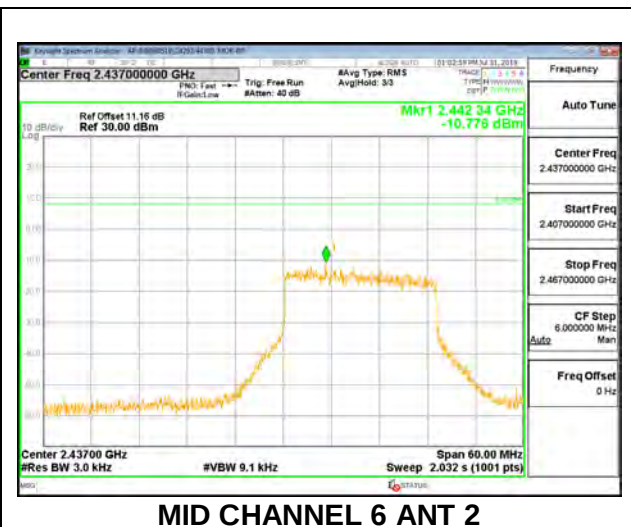
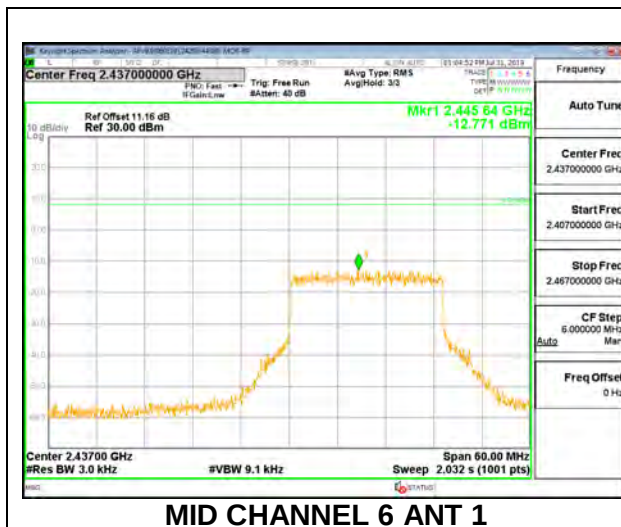
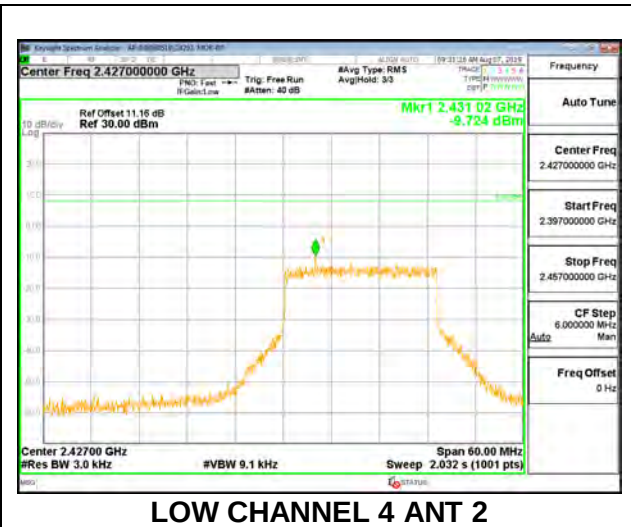
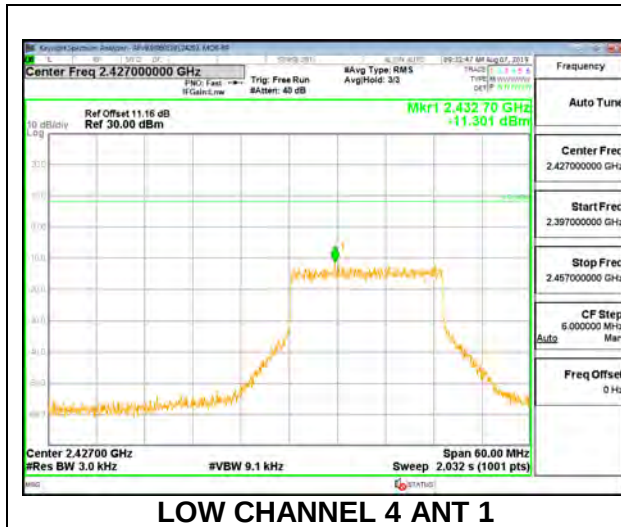
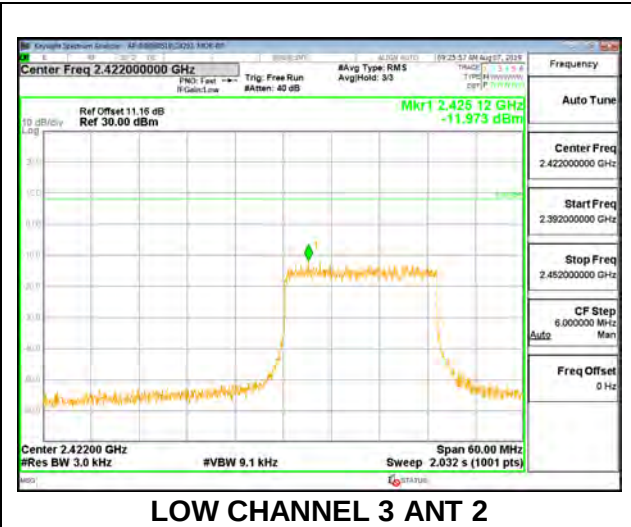
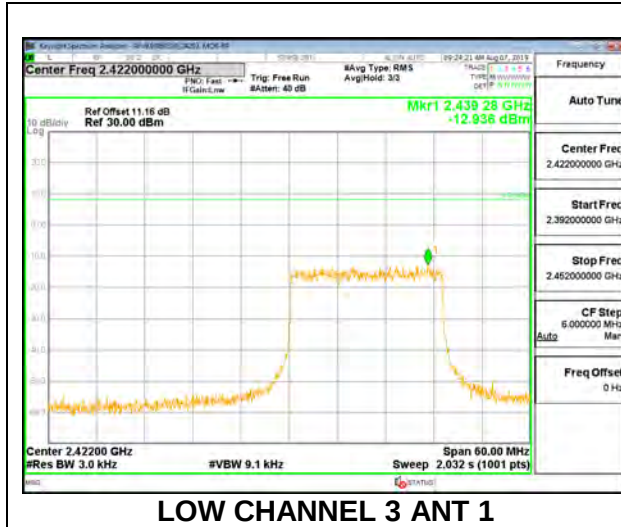


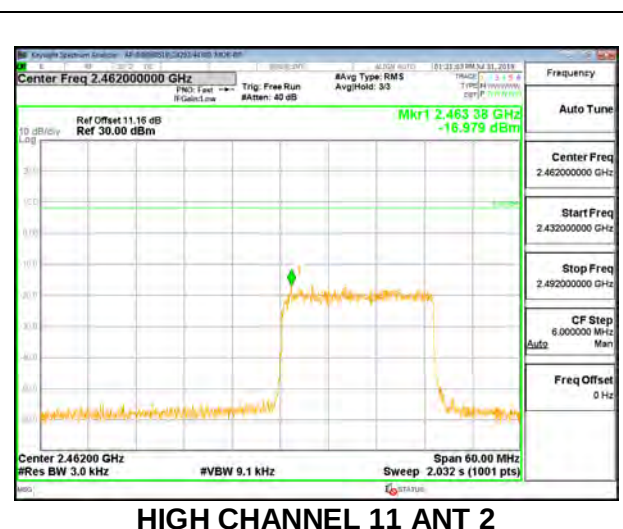
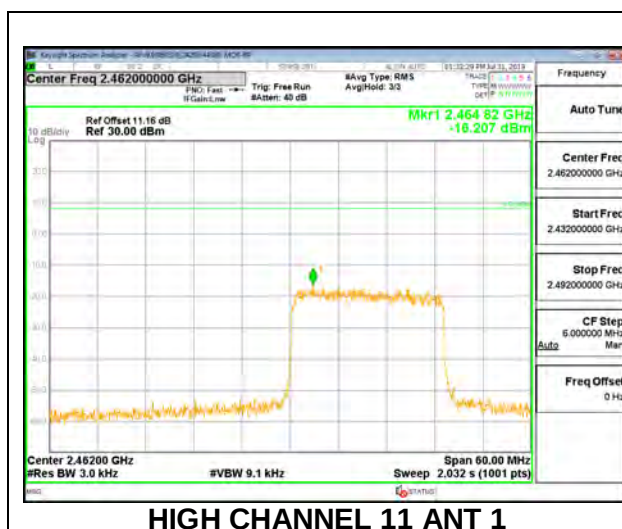
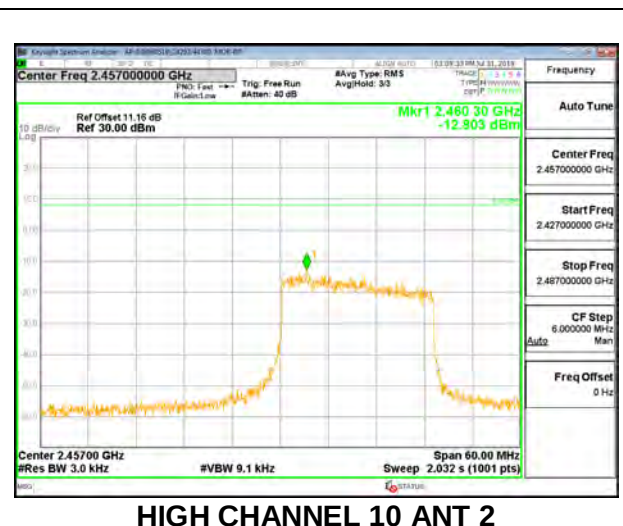
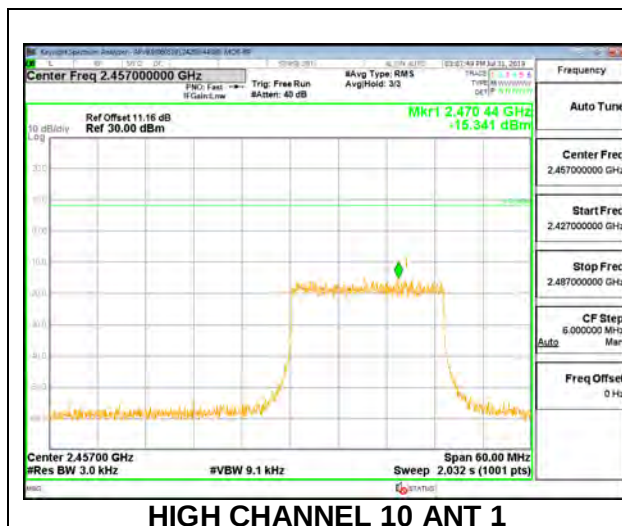
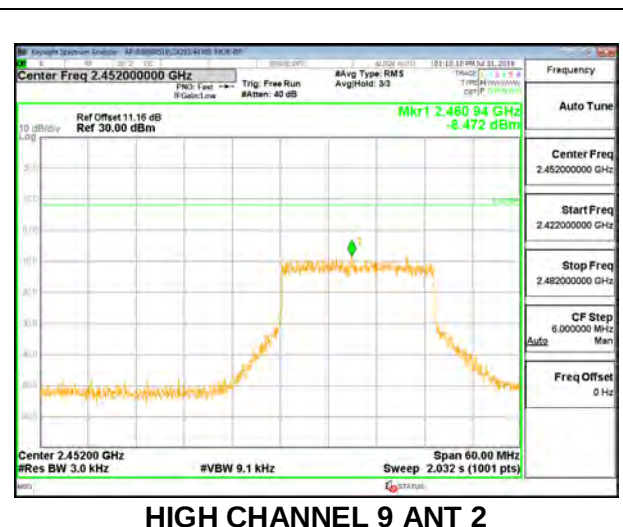
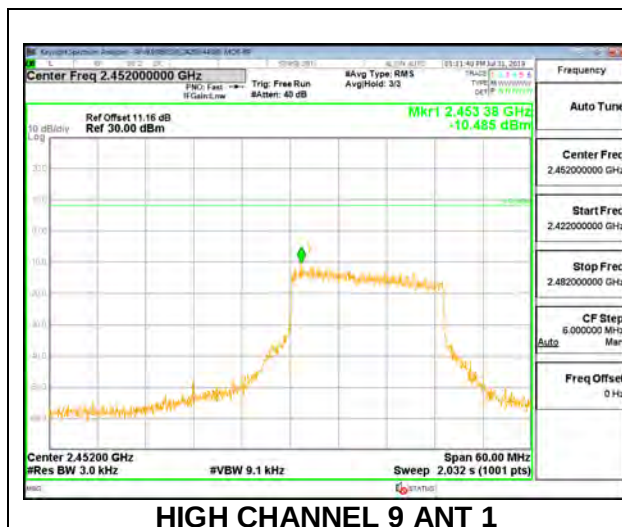
Antenna 1 +Chain 1 2TX MODE: 242-Tone RU Index 62

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

Channel	Frequency (MHz)	Antenna 1 Measured (dBm/ 3kHz)	Antenna 2 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-12.936	-11.973	-9.42	8.0	-17.4
Low 4	2427	-11.301	-9.724	-7.43	8.0	-15.4
Mid 6	2437	-12.771	-10.776	-8.65	8.0	-16.6
High 9	2452	-10.485	-8.472	-6.35	8.0	-14.4
High 10	2457	-15.341	-12.803	-10.88	8.0	-18.9
High 11	2462	-16.207	-16.979	-13.57	8.0	-21.6



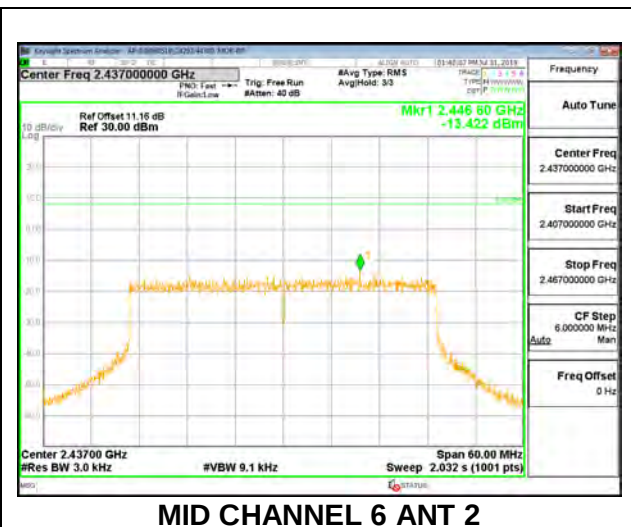
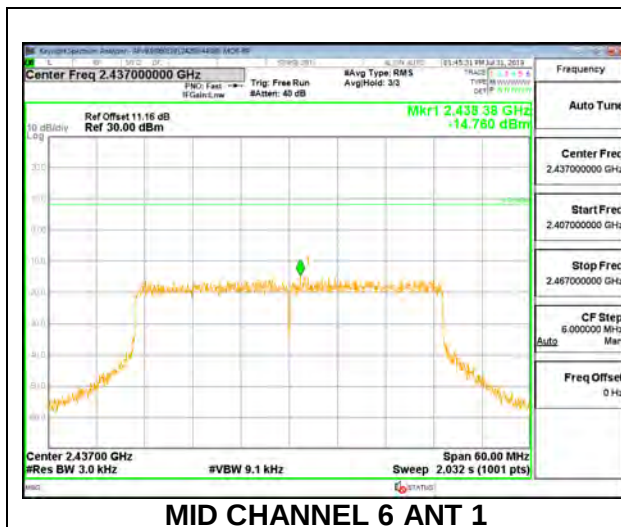
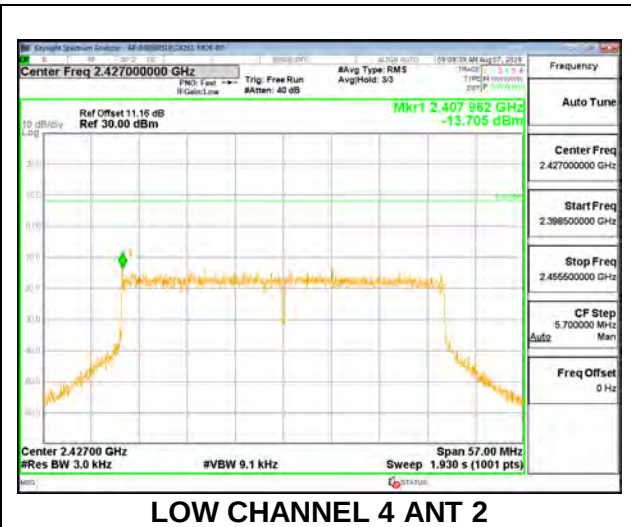
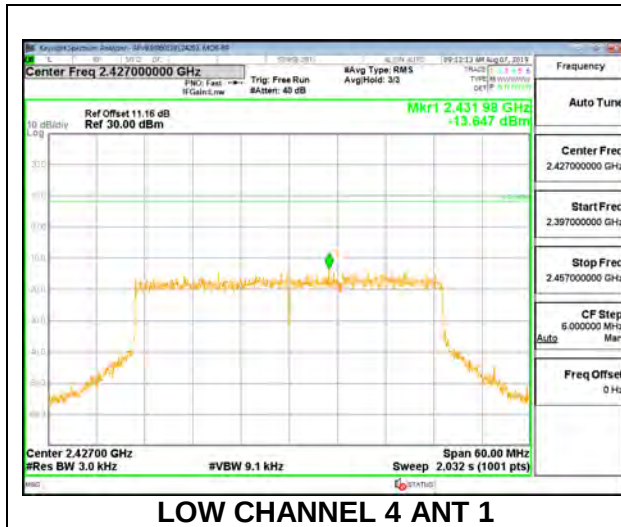
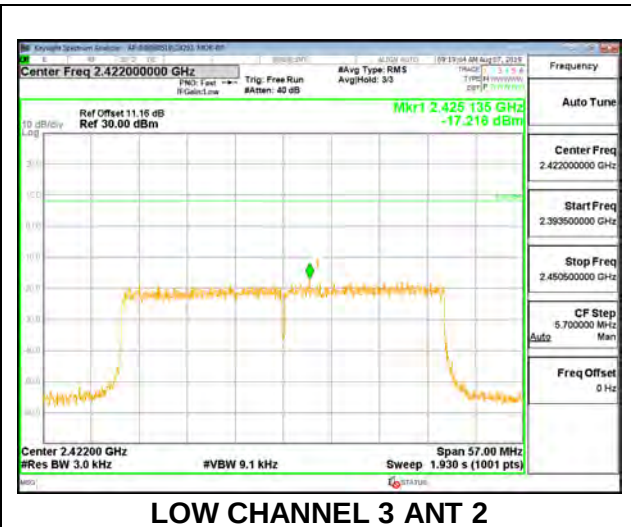
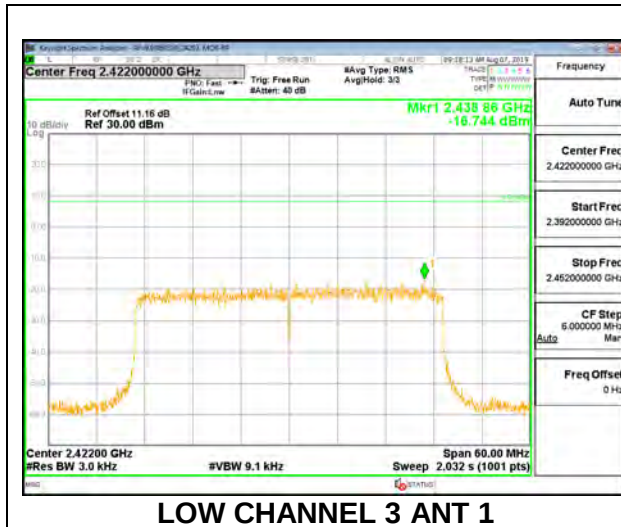


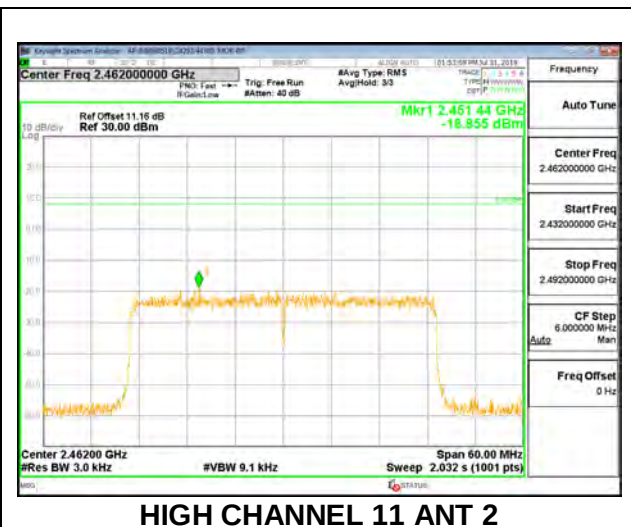
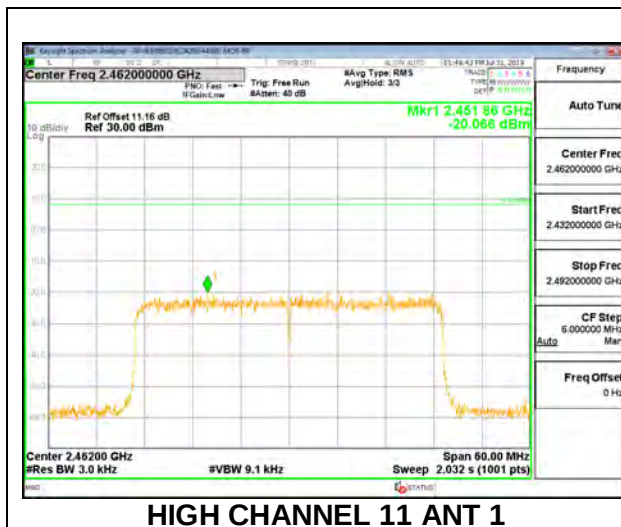
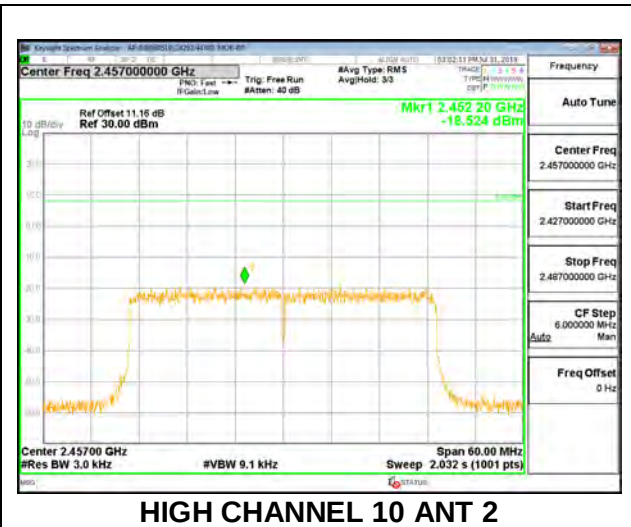
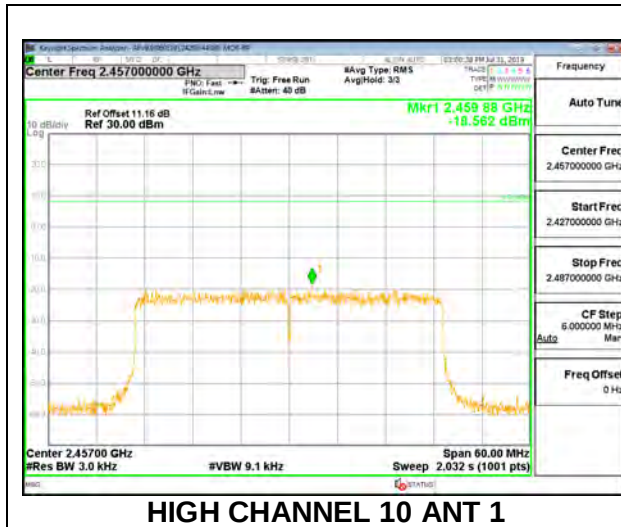
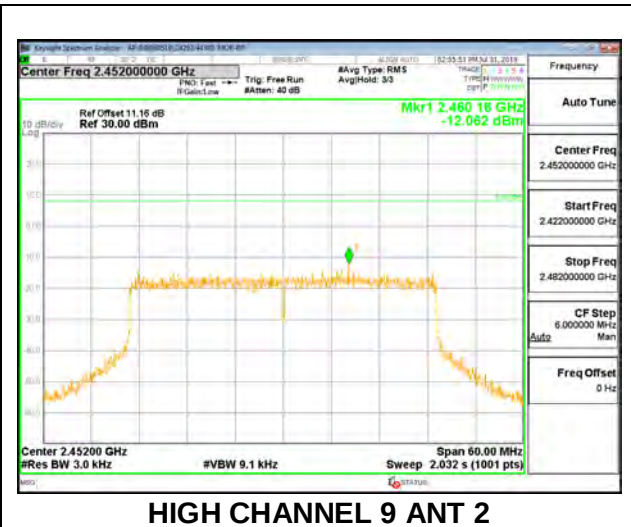
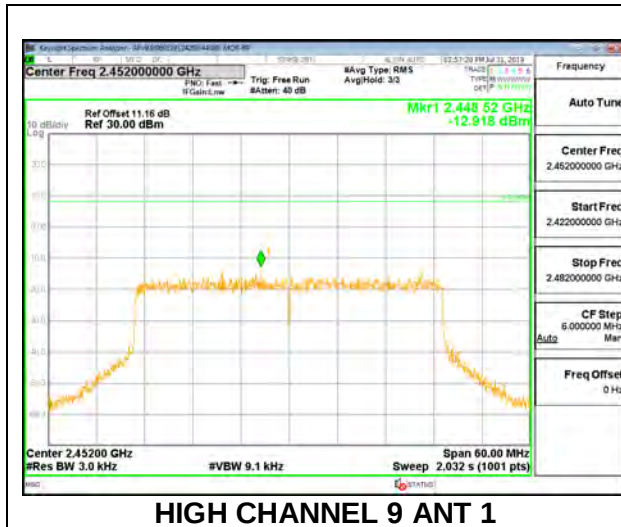
Antenna 1 +Chain 1 2TX MODE: 484-Tone RU Index 65

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

Channel	Frequency (MHz)	Antenna 1 Measured (dBm/ 3kHz)	Antenna 2 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-16.744	-17.216	-13.96	8.0	-22.0
Low 4	2427	-13.647	-13.705	-10.67	8.0	-18.7
Mid 6	2437	-14.760	-13.422	-11.03	8.0	-19.0
High 9	2452	-12.918	-12.062	-9.46	8.0	-17.5
High 10	2457	-18.562	-18.524	-15.53	8.0	-23.5
High 11	2462	-20.066	-18.855	-16.41	8.0	-24.4



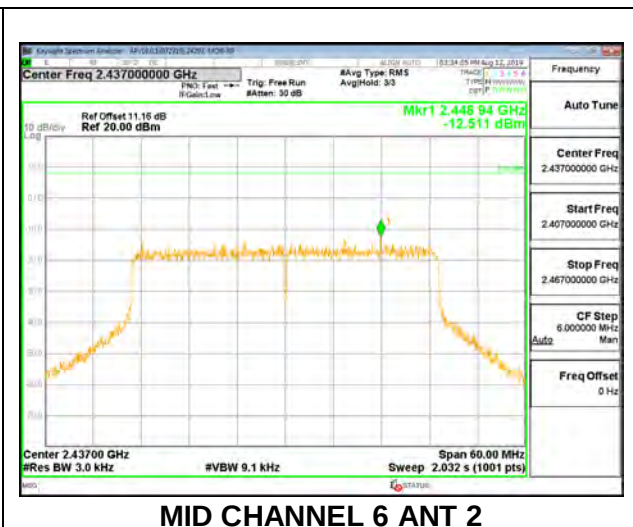
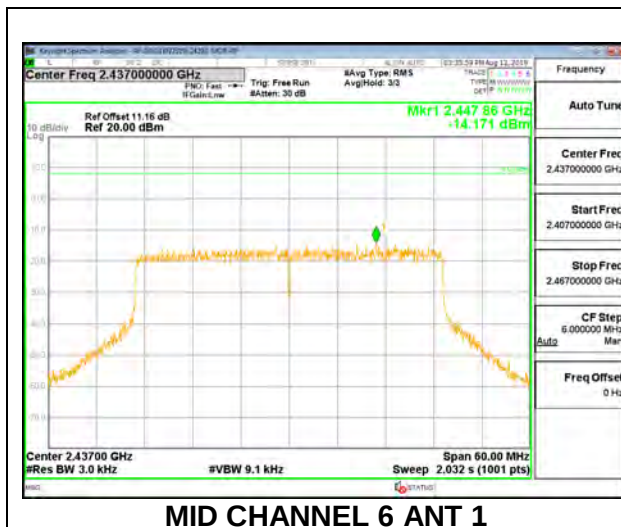
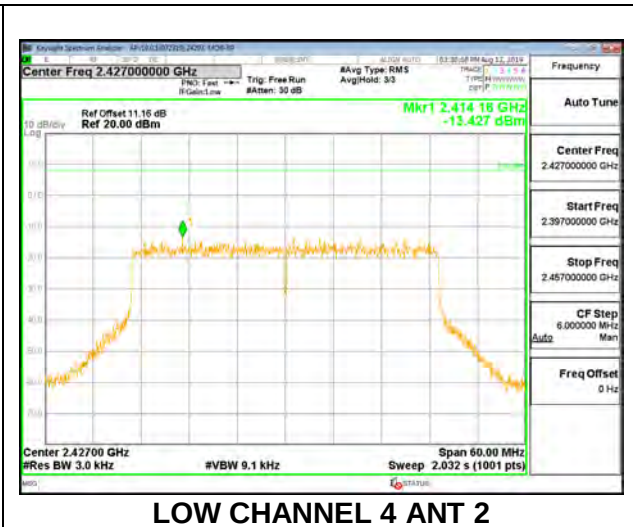
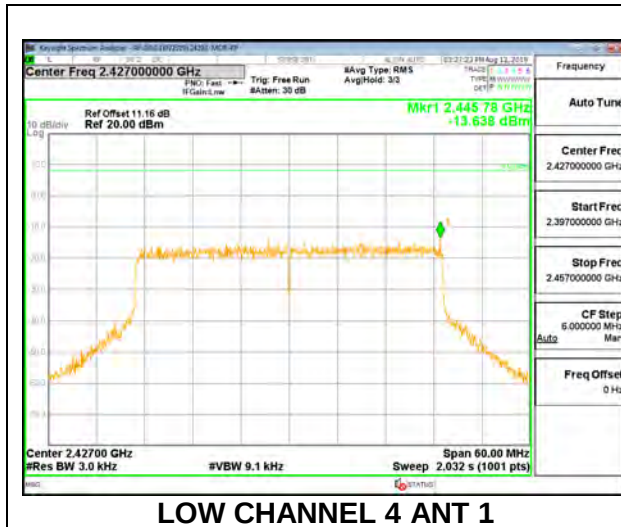
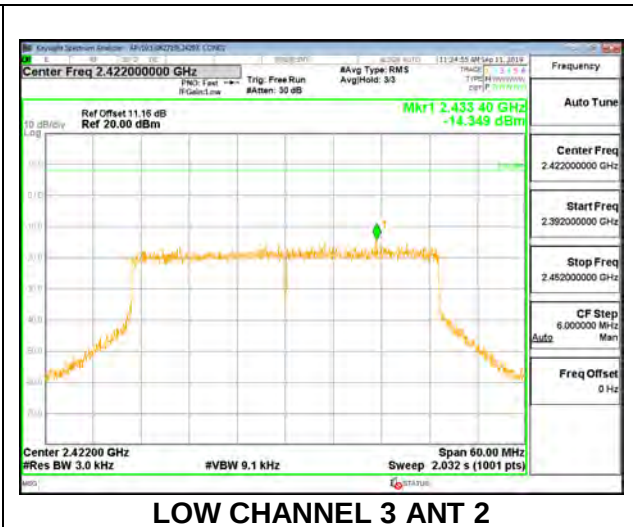
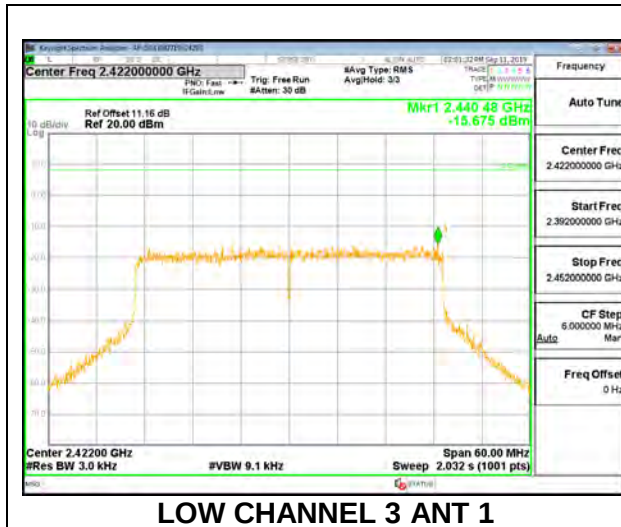


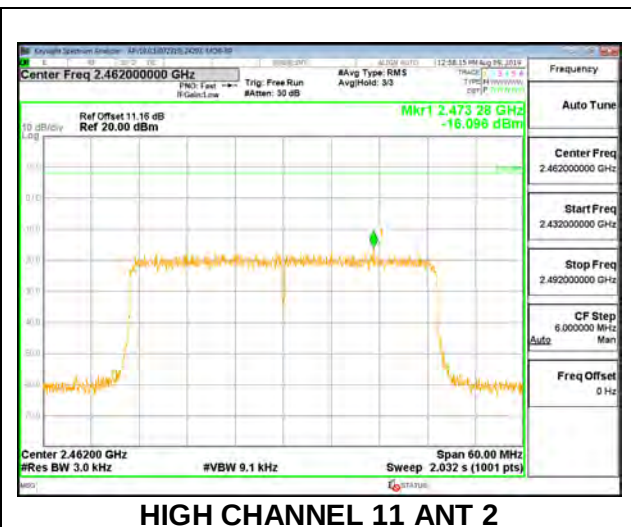
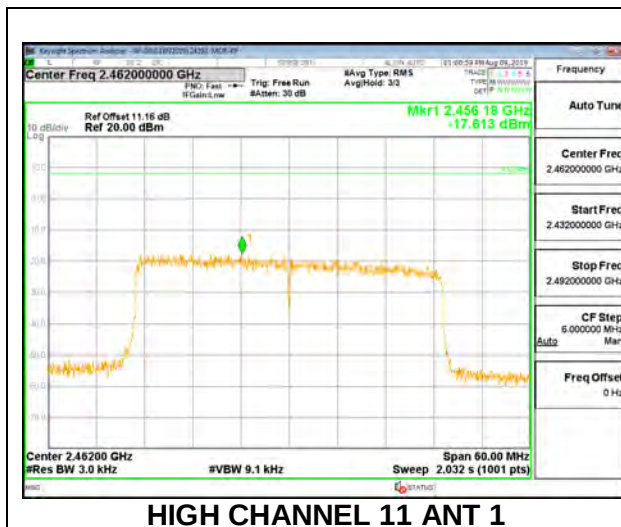
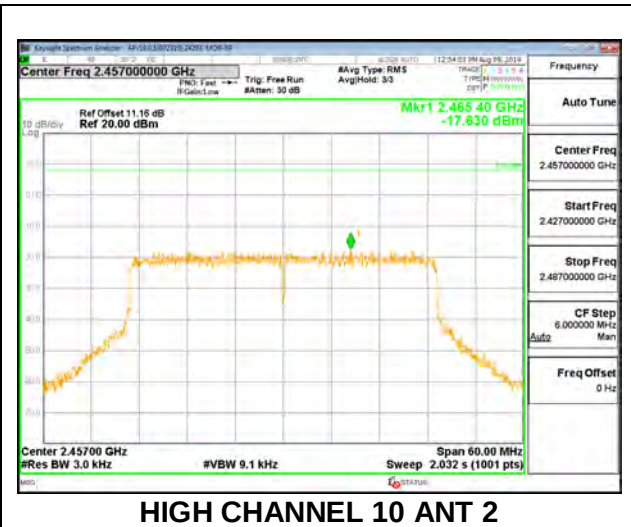
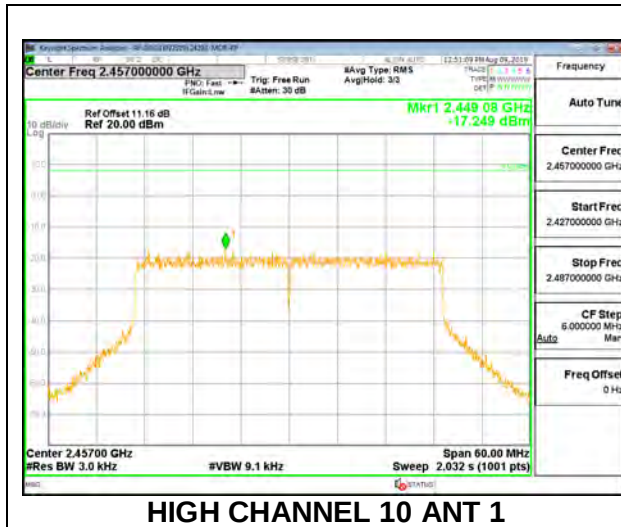
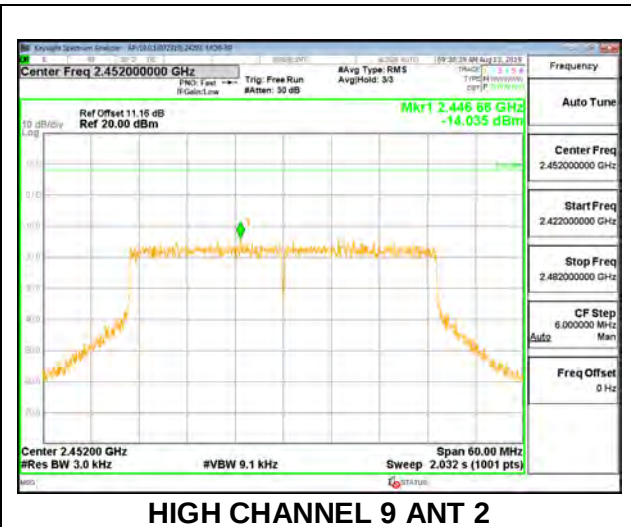
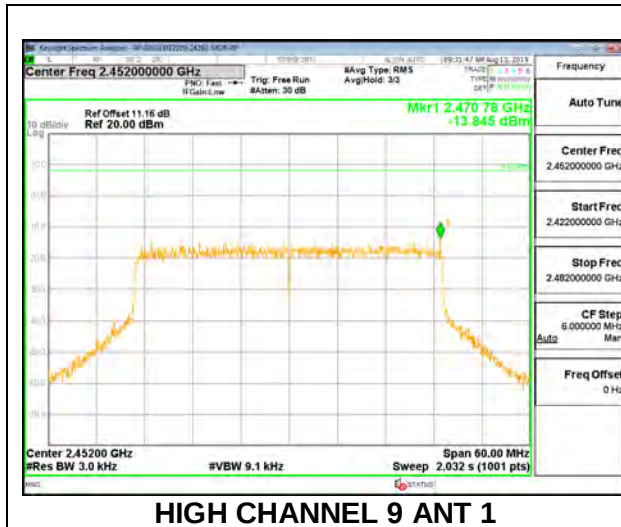
Antenna 1 +Chain 1 2TX MODE: SU

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

Channel	Frequency (MHz)	Antenna 1 Measured (dBm/ 3kHz)	Antenna 2 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 3	2422	-15.675	-14.349	-11.95	8.0	-20.0
Low 4	2427	-13.638	-13.427	-10.52	8.0	-18.5
Mid 6	2437	-14.171	-12.511	-10.25	8.0	-18.3
High 9	2452	-13.845	-14.035	-10.93	8.0	-18.9
High 10	2457	-17.249	-17.630	-14.43	8.0	-22.4
High 11	2462	-17.613	-16.096	-13.78	8.0	-21.8





9.3. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)
RSS-247 5.5
NCC LP0002 §3.10.1.5

(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.

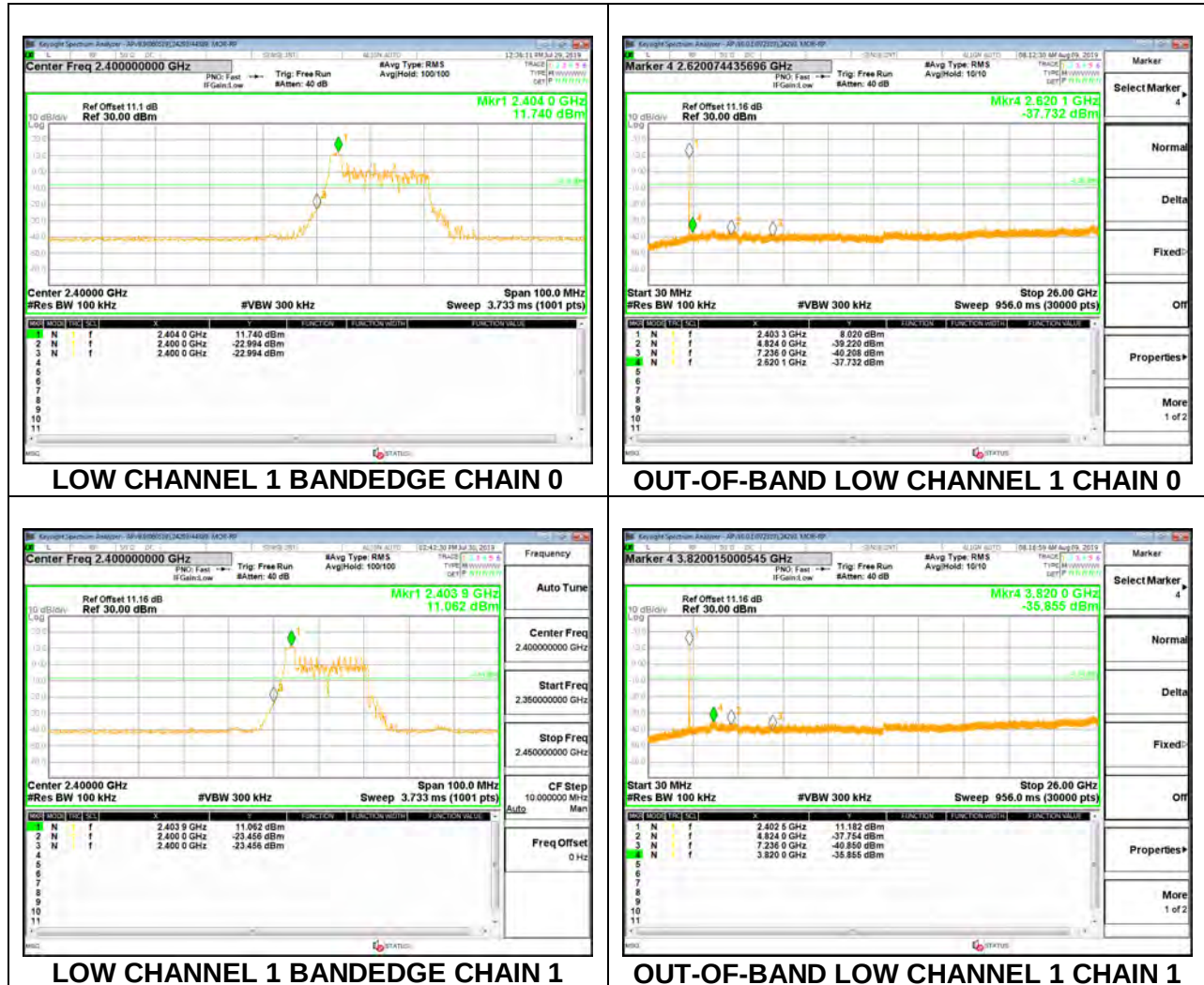
PROCEDURE

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

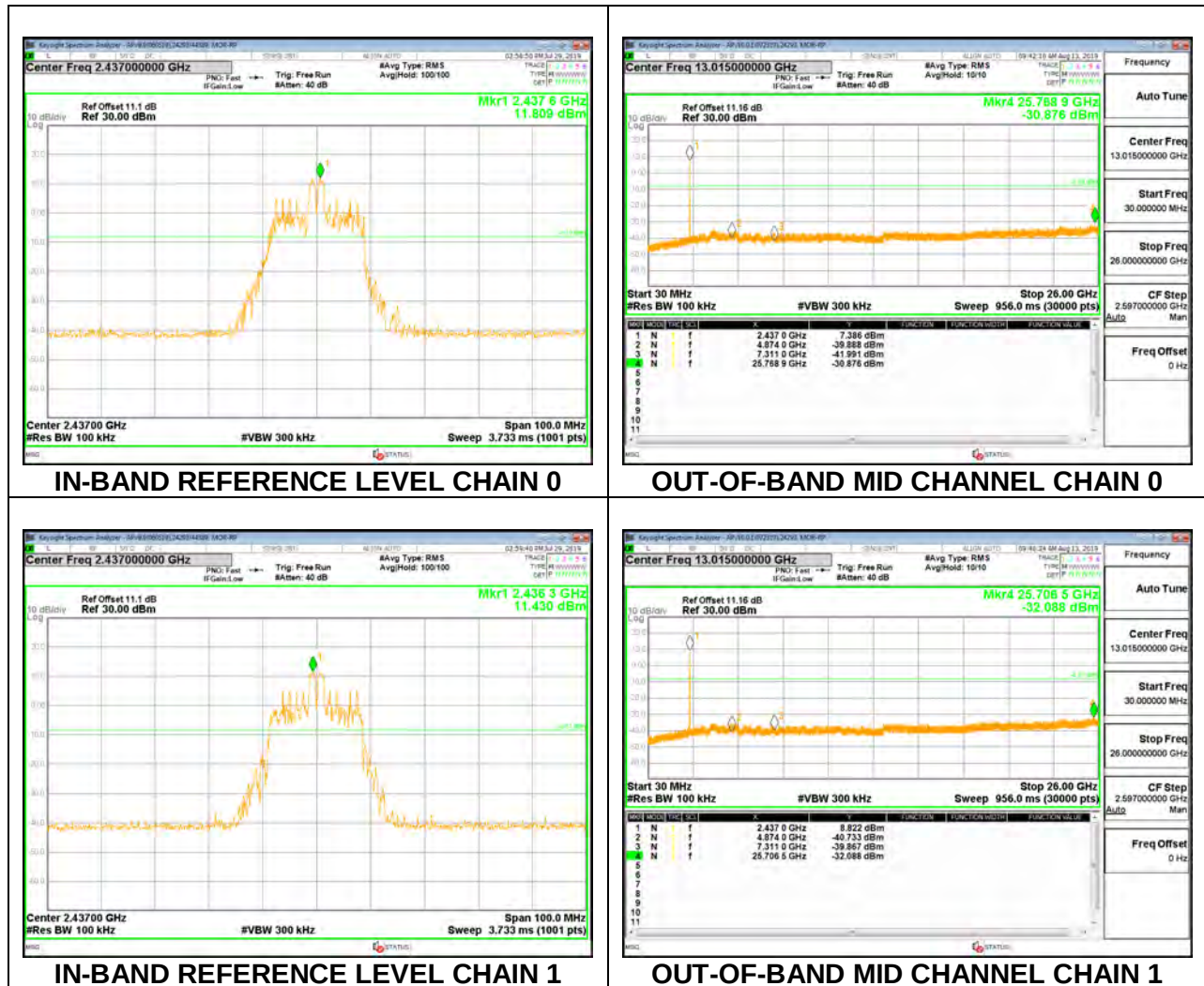
RESULTS

9.3.1. 802.11ax HE20 MODE 2TX

2TXChain 0 +Chain 1 MODE: 26-Tones, RU index 0



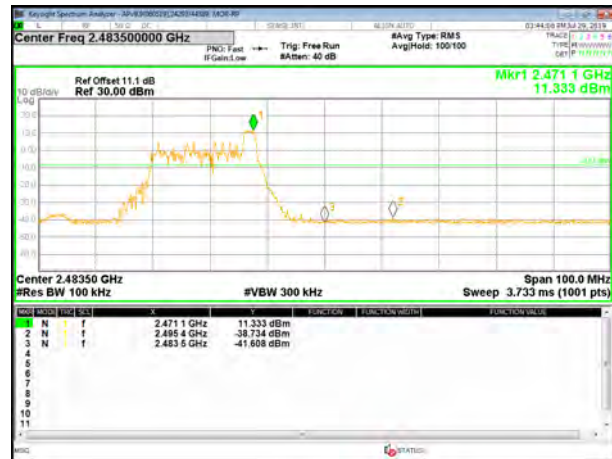
2TXChain 0 +Chain 1 MODE : 26-Tone, RU index 4



2TXChain 0 +Chain 1 MODE: 26-Tones, RU index 8

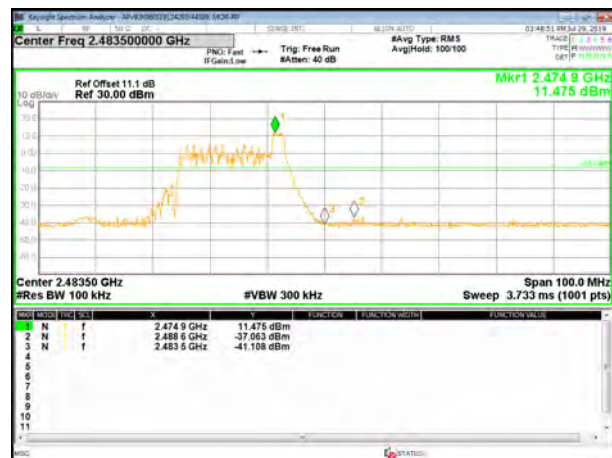


Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.



HIGH CHANNEL 11 BANDEDGE CHAIN 1

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HIGH CHANNEL 12 BANDEDGE CHAIN 1

Intentionally left blank



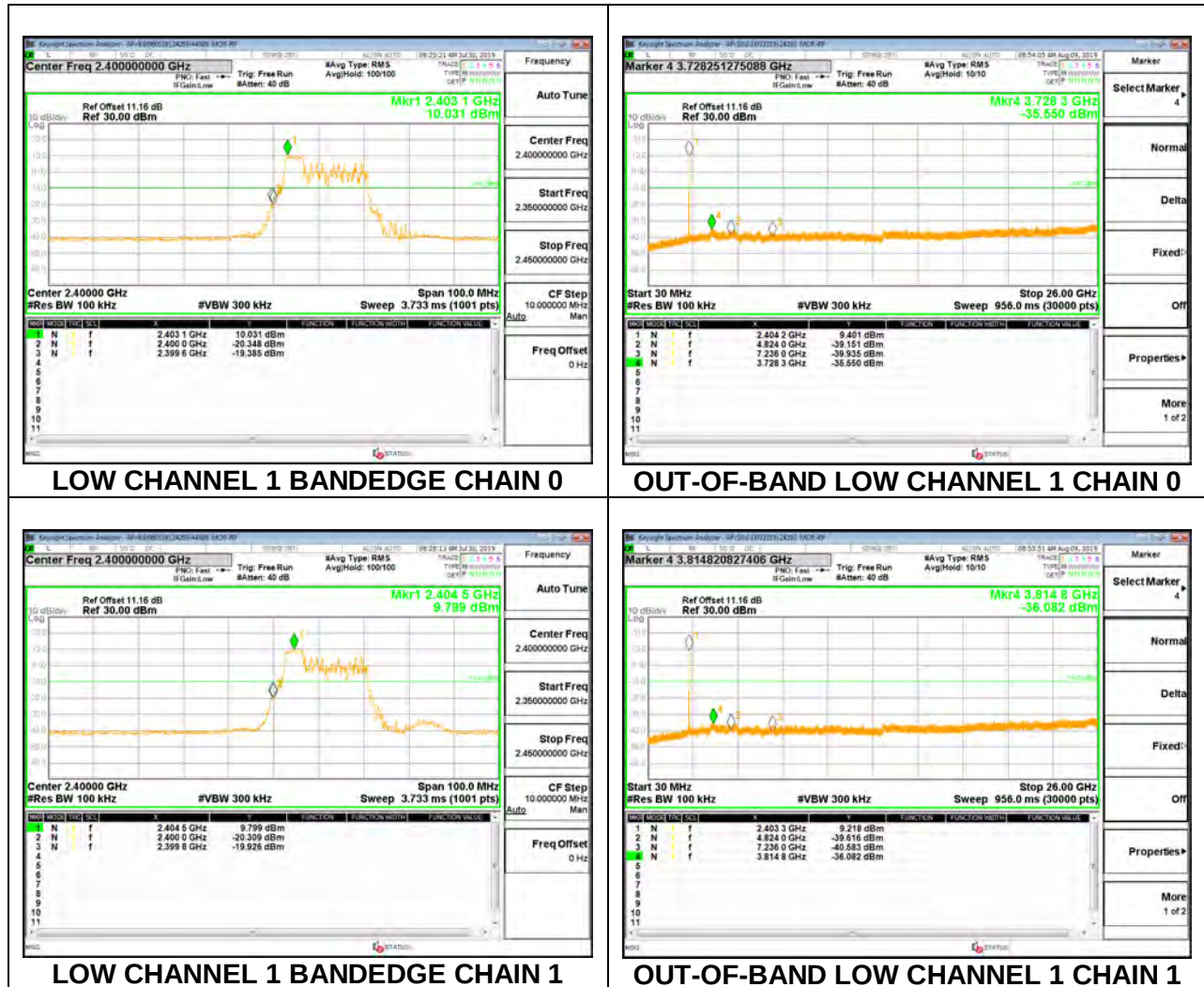
HIGH CHANNEL 13 BANDEDGE CHAIN 1



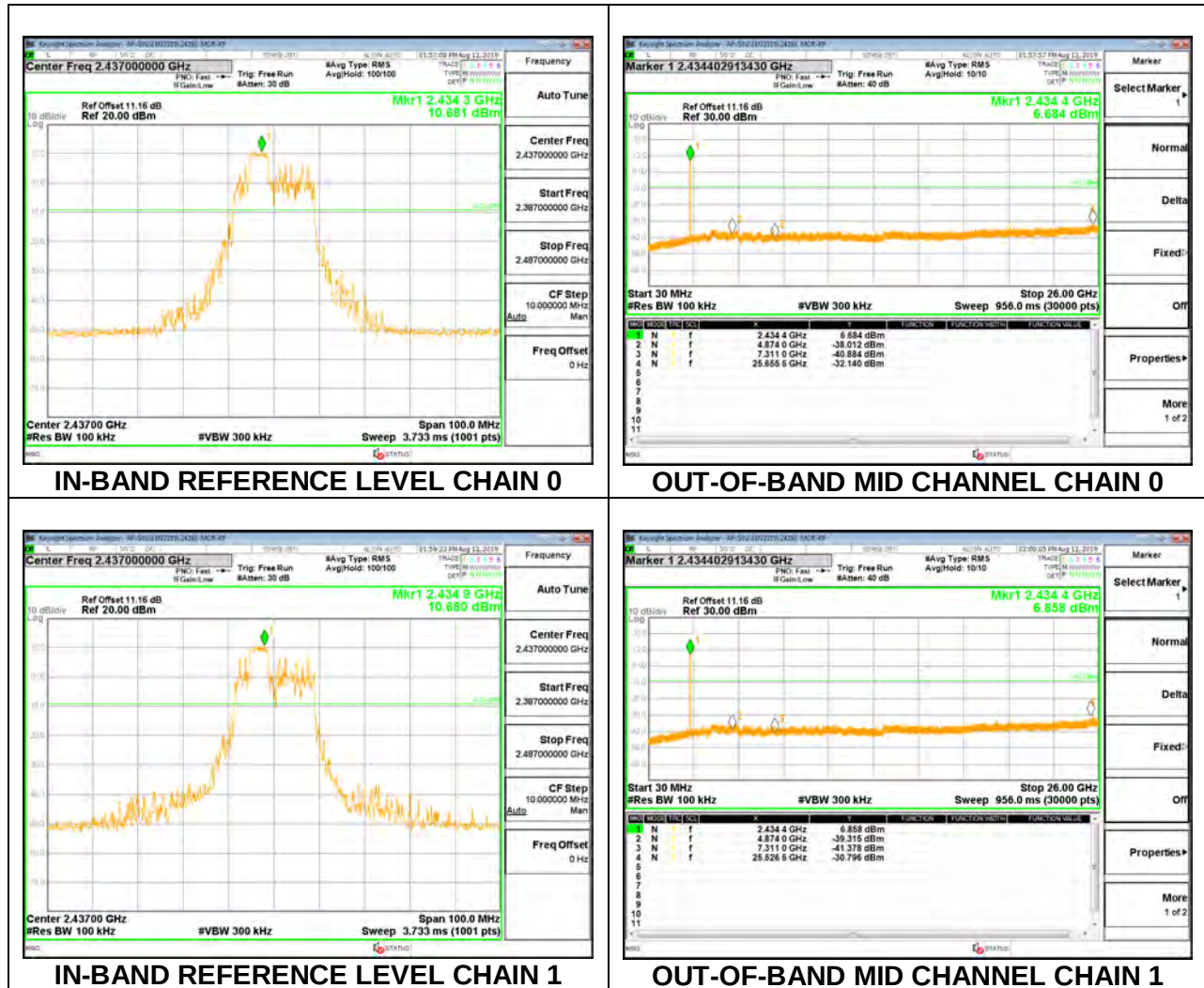
OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

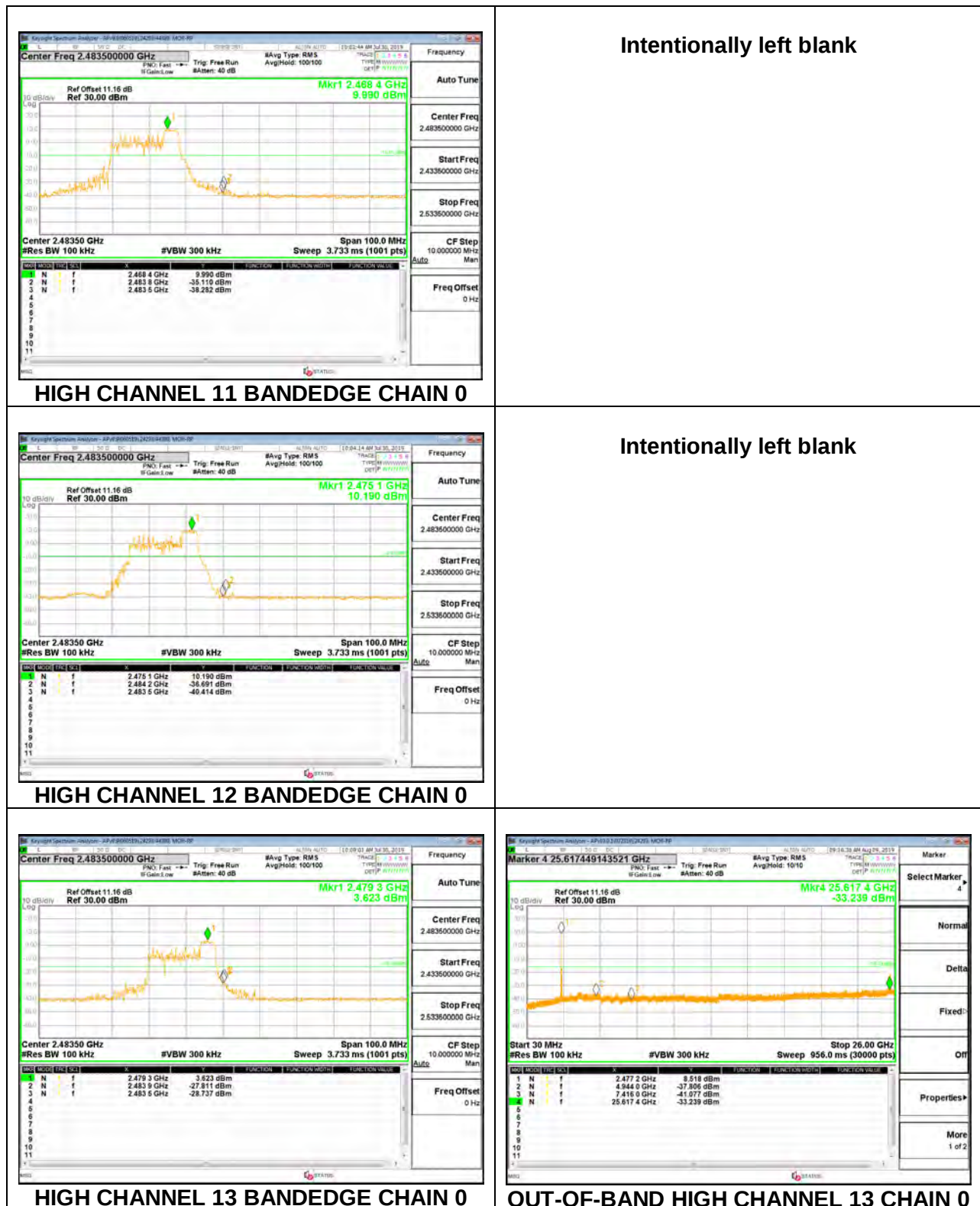
2TXChain 0 +Chain 1 MODE: 52-Tones, RU index 37



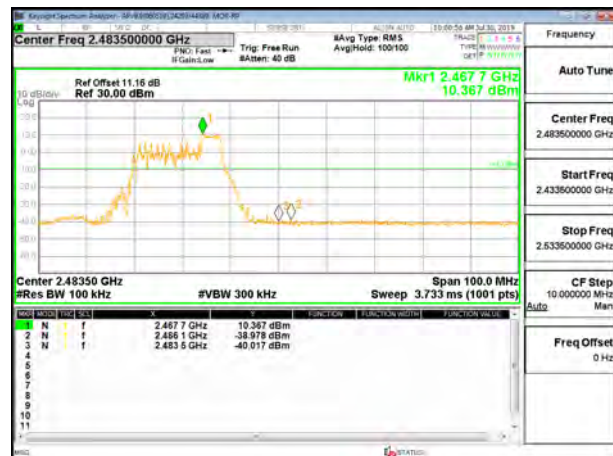
2TXChain 0 +Chain 1 MODE: 52-Tones, RU index 38



2TXChain 0 +Chain 1 MODE: 52-Tones, RU index 40

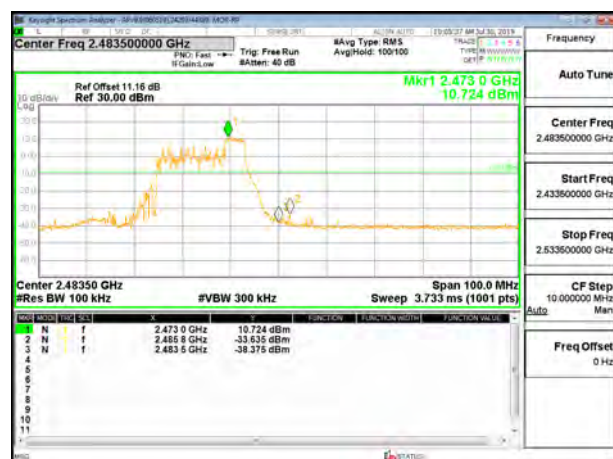


Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.



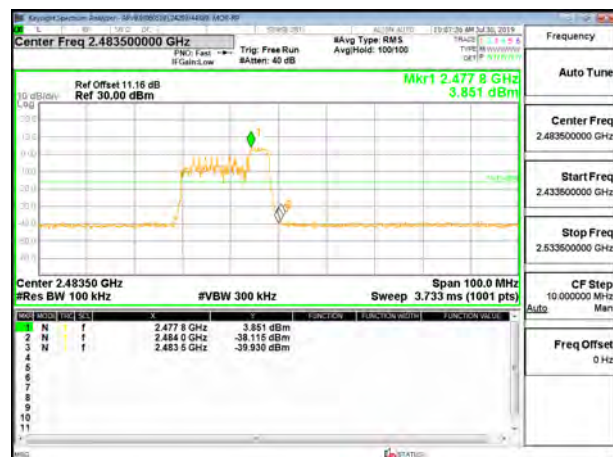
HIGH CHANNEL 11 BANDEDGE CHAIN 1

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HIGH CHANNEL 12 BANDEDGE CHAIN 1

Intentionally left blank



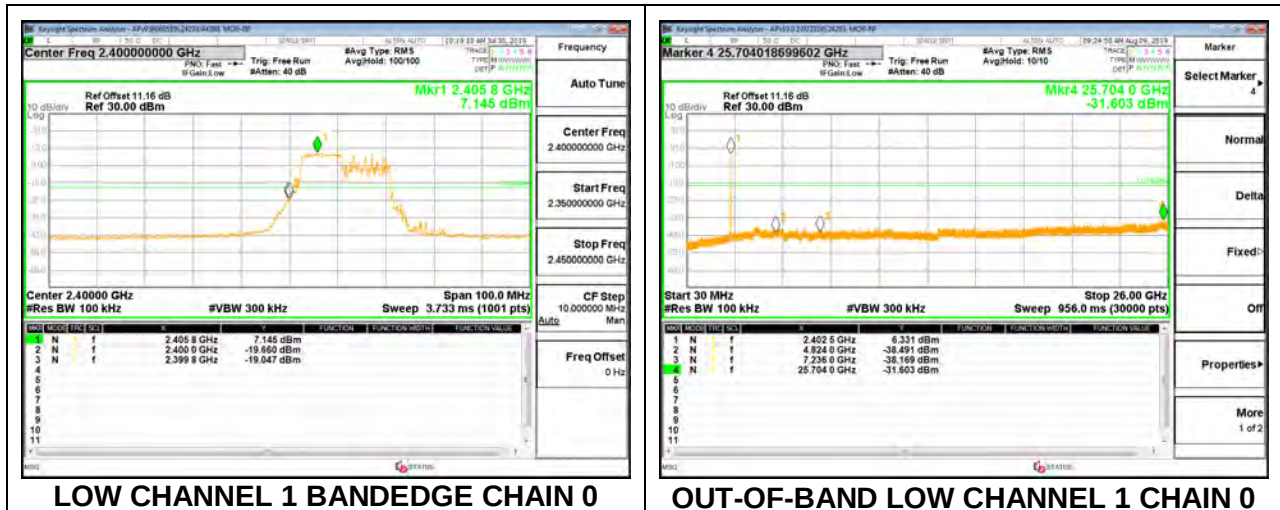
HIGH CHANNEL 13 BANDEDGE CHAIN 1



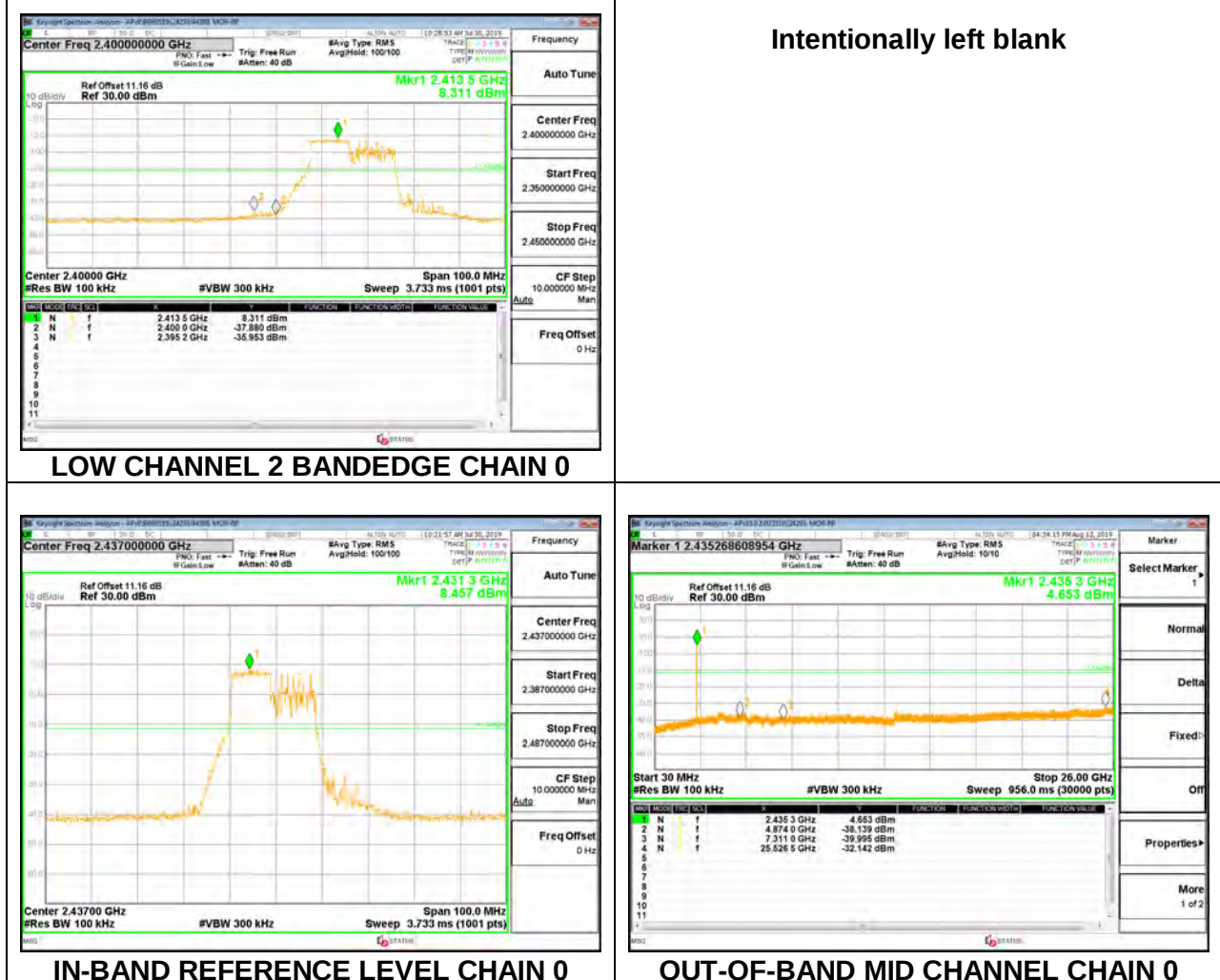
OUT-OF-BAND HIGH CHANNEL 13 CHAIN 1

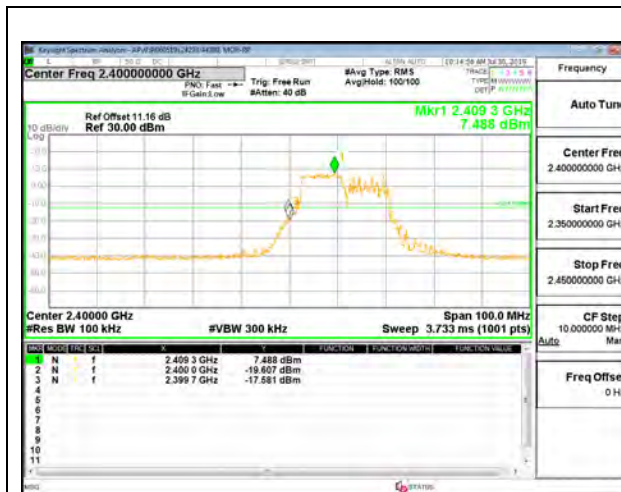
Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

2TXChain 0 +Chain 1 MODE: 106-Tones, RU index 53

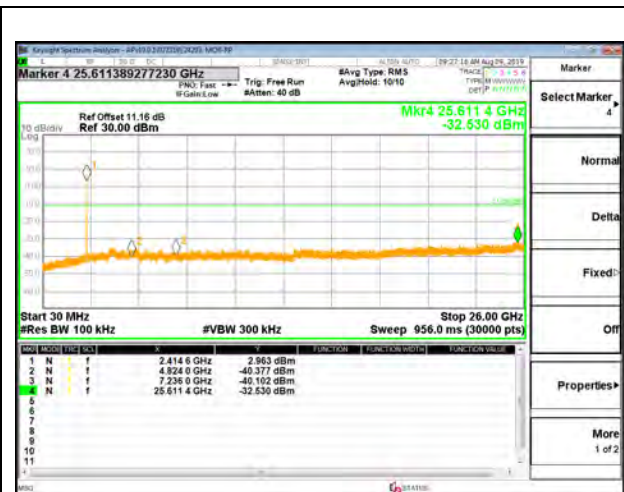


Note – Low Channel 1 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. Conducted Spurious Limit used from Channel 2 (-11.69 dBm) transmission power. However, margin is sufficient to meet both Ch1 (-12.86 dBm) or Ch2 (-11.69 dBm).





LOW CHANNEL 1 BANDEDGE CHAIN 1



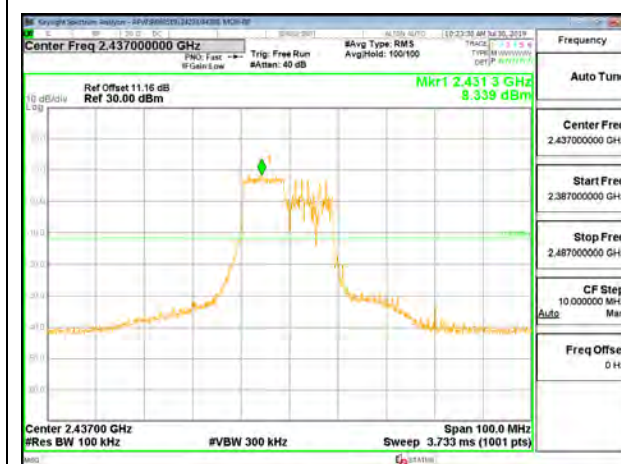
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1

Note – Low Channel 1 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. Conducted Spurious Limit used from Channel 2 transmission power. However, margin is sufficient to meet both Ch1 or Ch2.

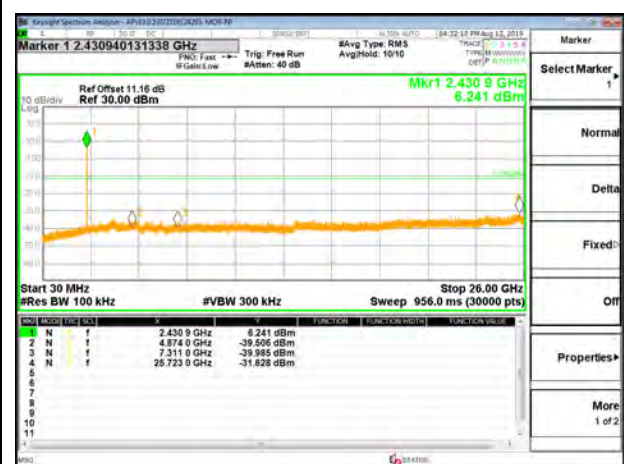


LOW CHANNEL 2 BANDEDGE CHAIN 1

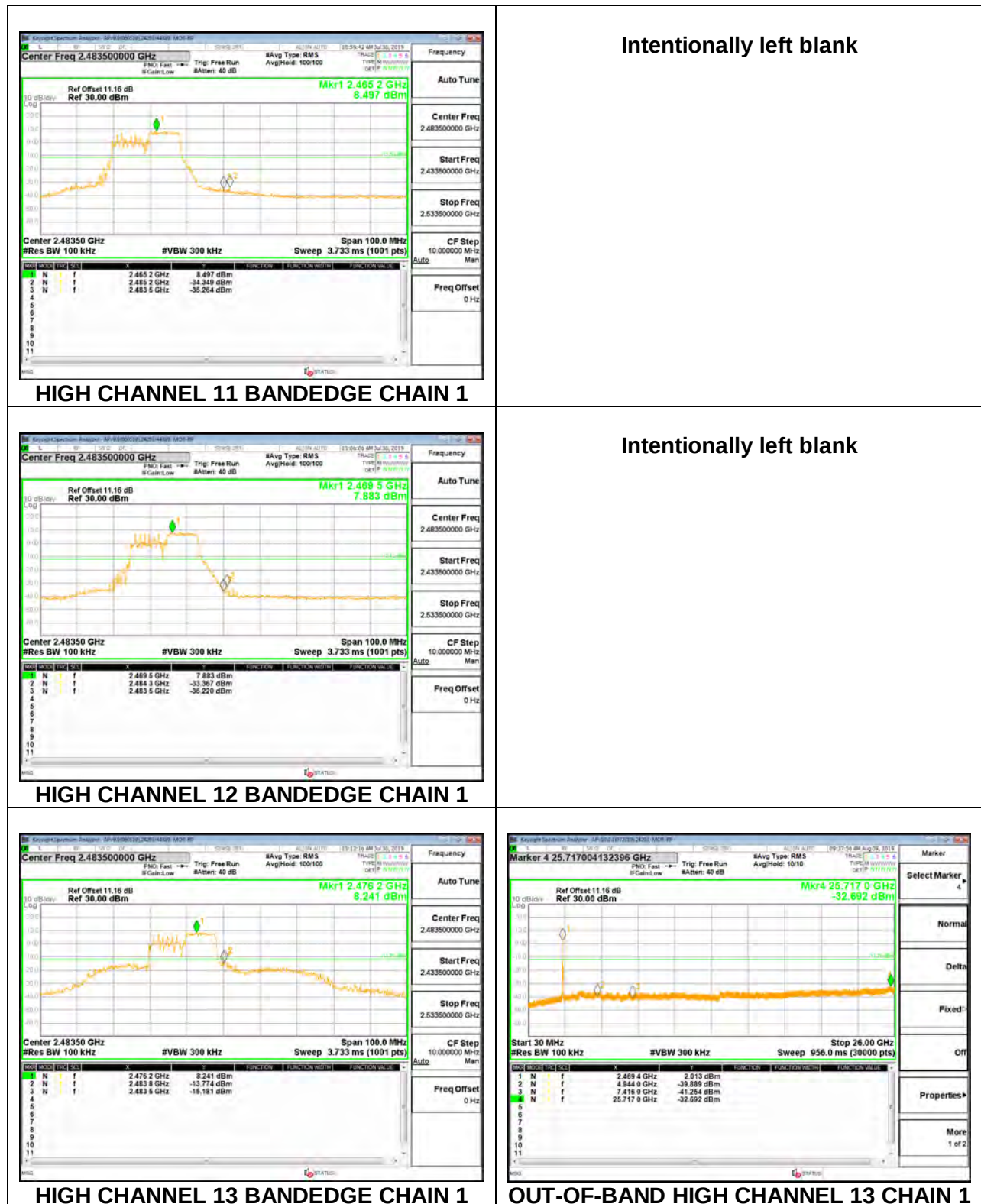
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IN-BAND REFERENCE LEVEL CHAIN 1

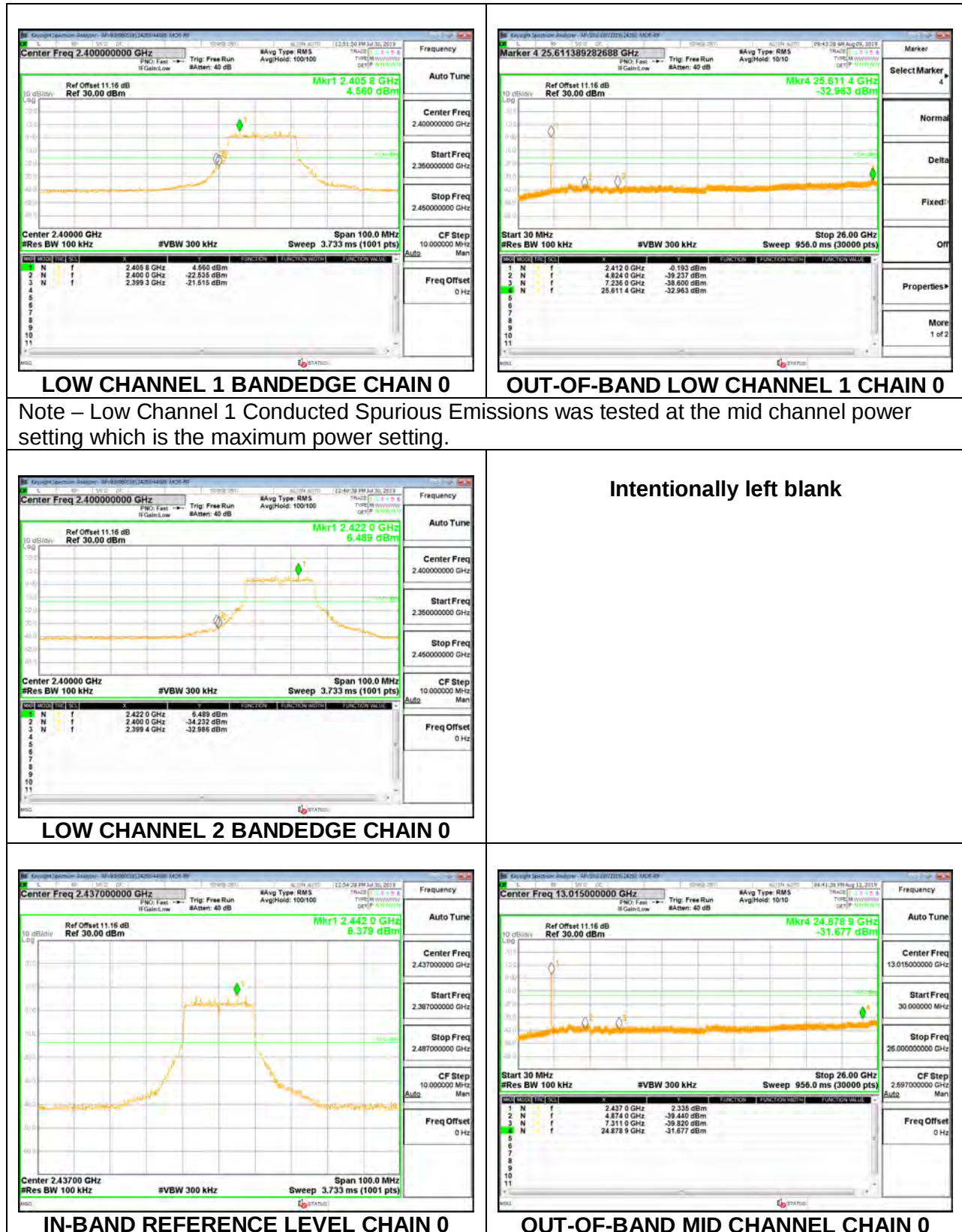


OUT-OF-BAND MID CHANNEL CHAIN 1



Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

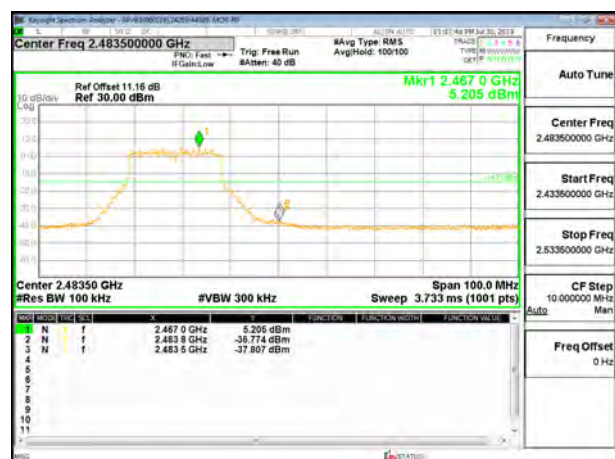
2TXChain 0 +Chain 1 MODE: 242-Tones, RU index 61





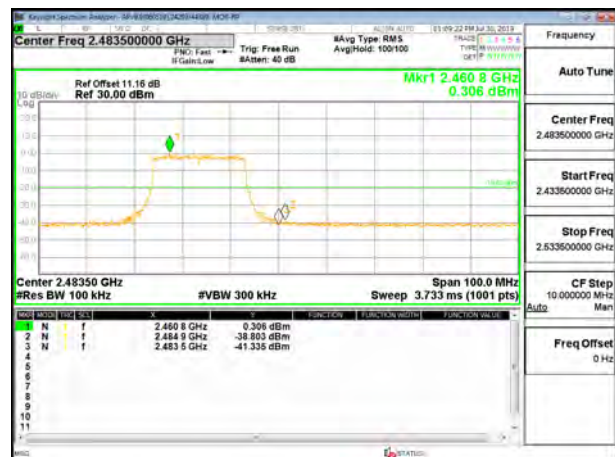
HIGH CHANNEL 10 BANDEDGE CHAIN 0

Intentionally left blank



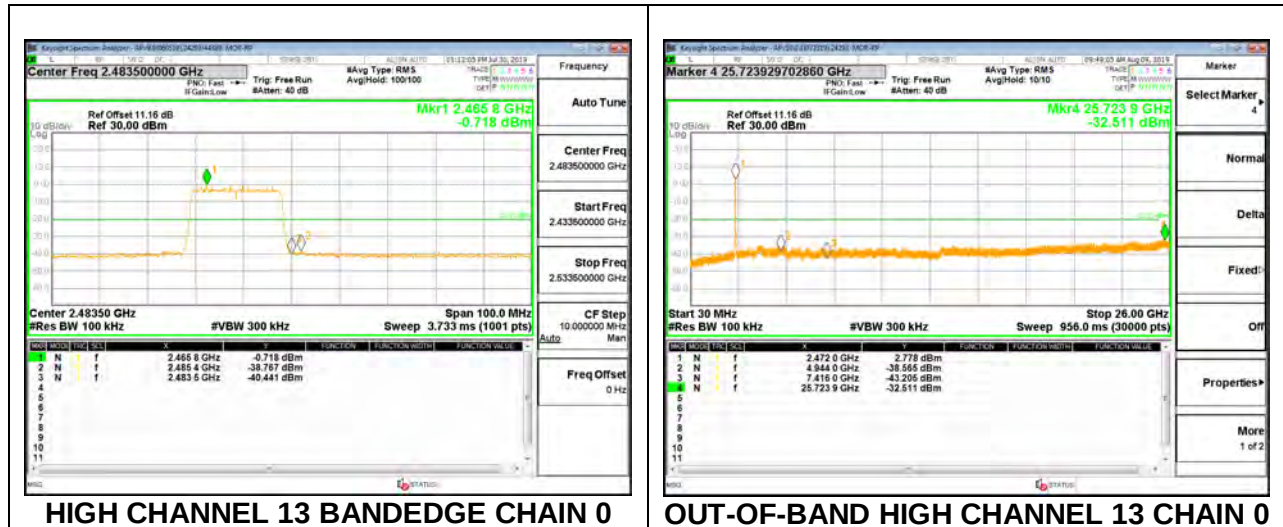
HIGH CHANNEL 11 BANDEDGE CHAIN 0

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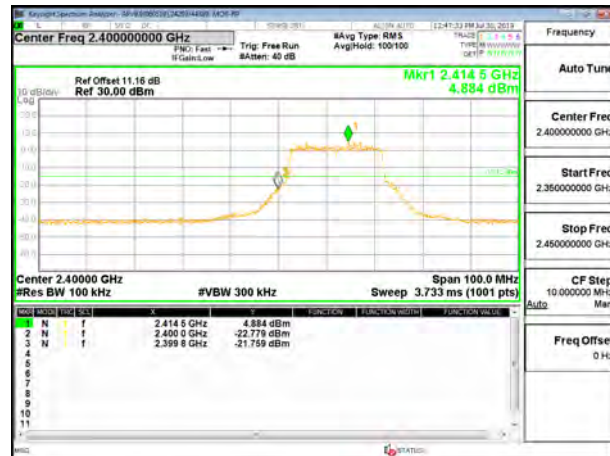


HIGH CHANNEL 12 BANDEDGE CHAIN 0

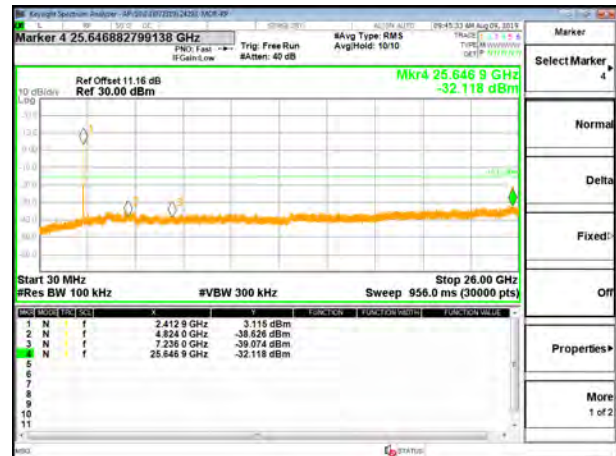
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Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

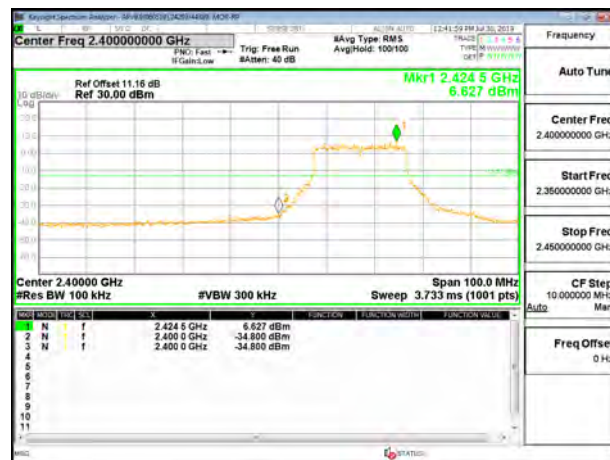


LOW CHANNEL 1 BANDEDGE CHAIN 1



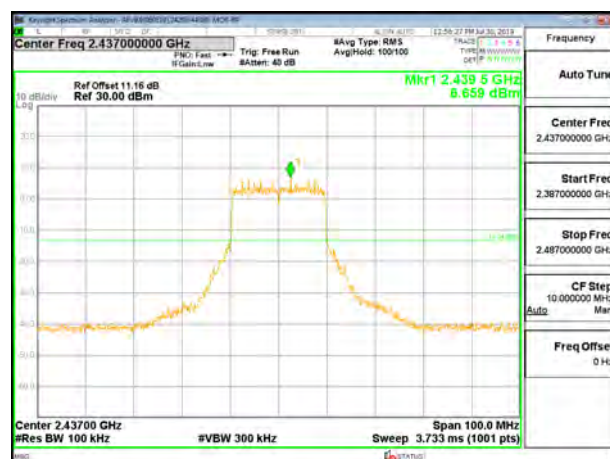
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1

Note – Low Channel 1 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

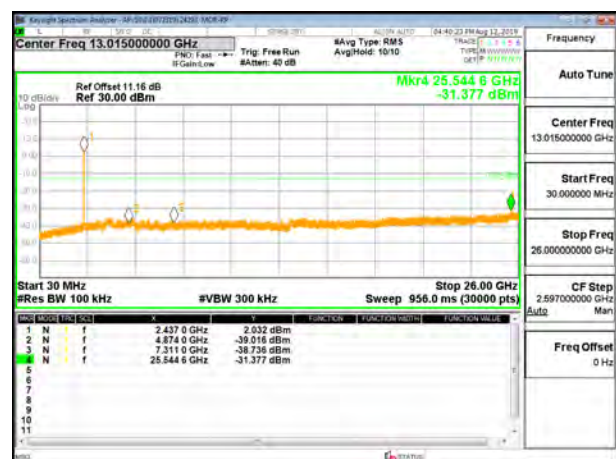


LOW CHANNEL 2 BANDEDGE CHAIN 1

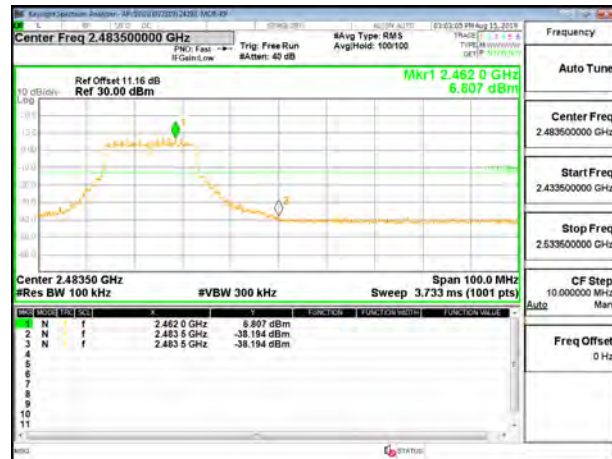
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IN-BAND REFERENCE LEVEL CHAIN 1

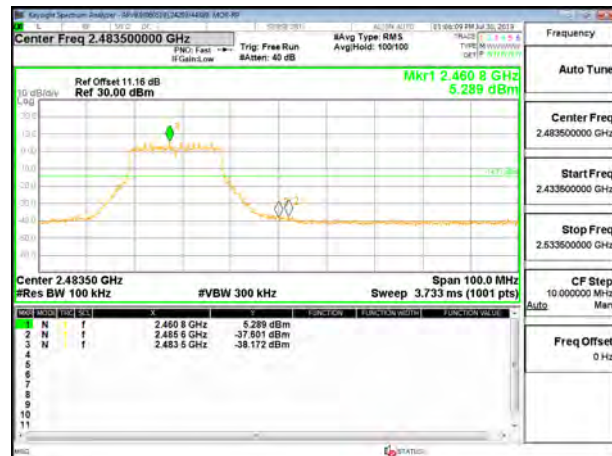


OUT-OF-BAND MID CHANNEL CHAIN 1



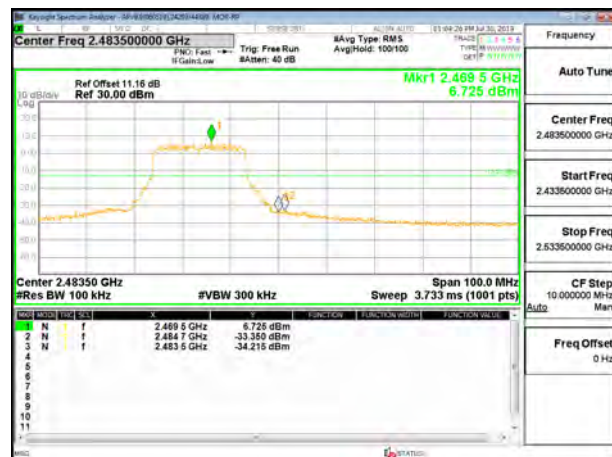
HIGH CHANNEL 10 BANDEDGE CHAIN 1

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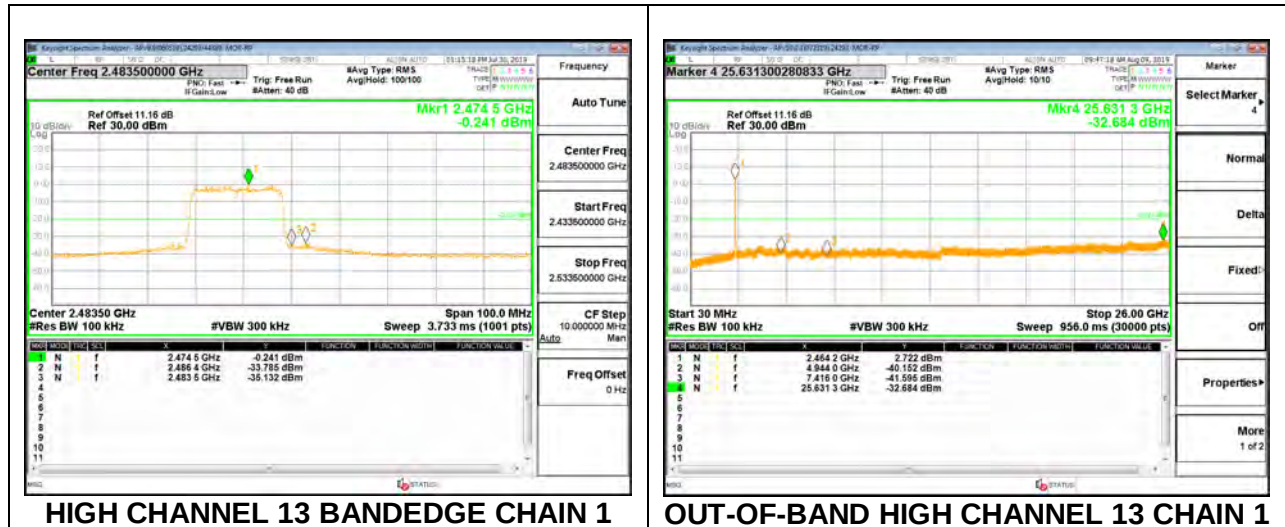
HIGH CHANNEL 11 BANDEDGE CHAIN 1

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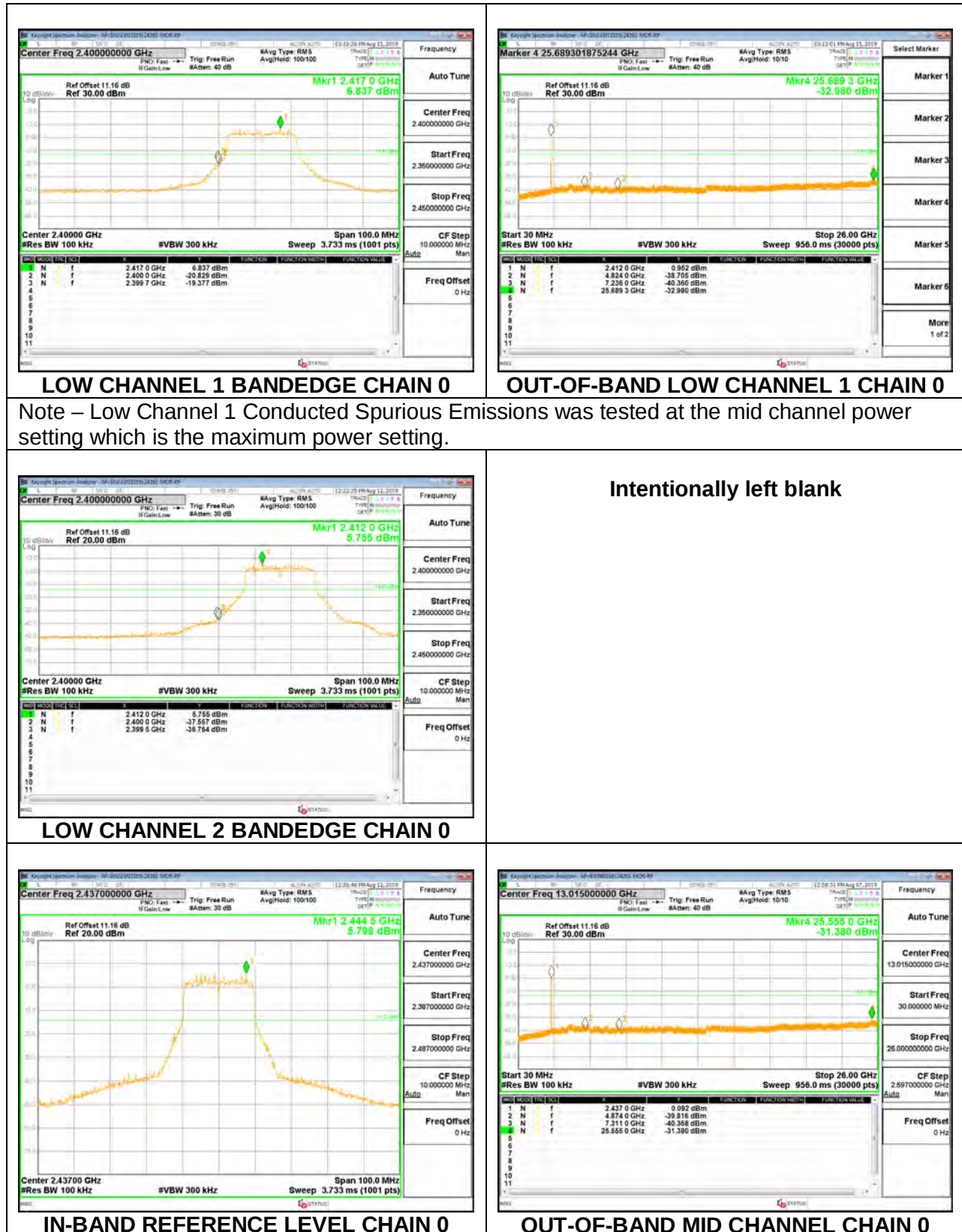
HIGH CHANNEL 12 BANDEDGE CHAIN 1

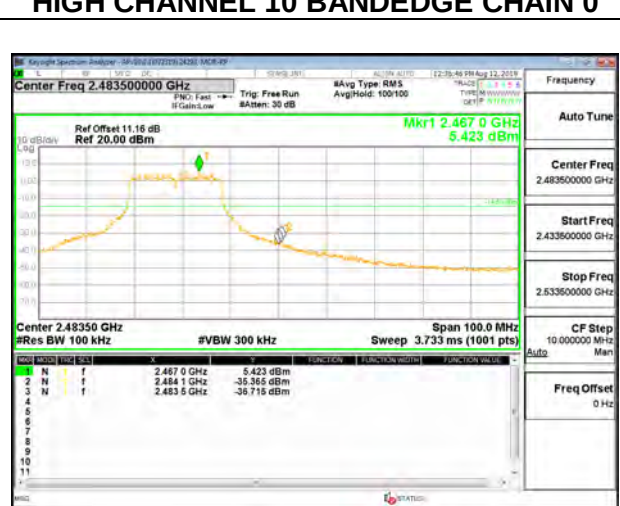
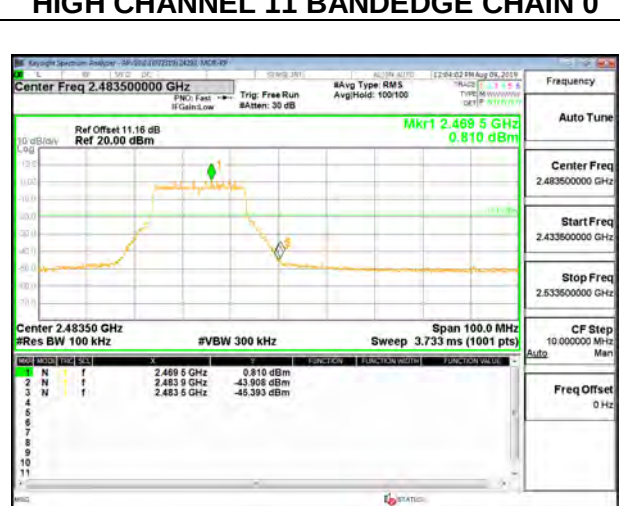
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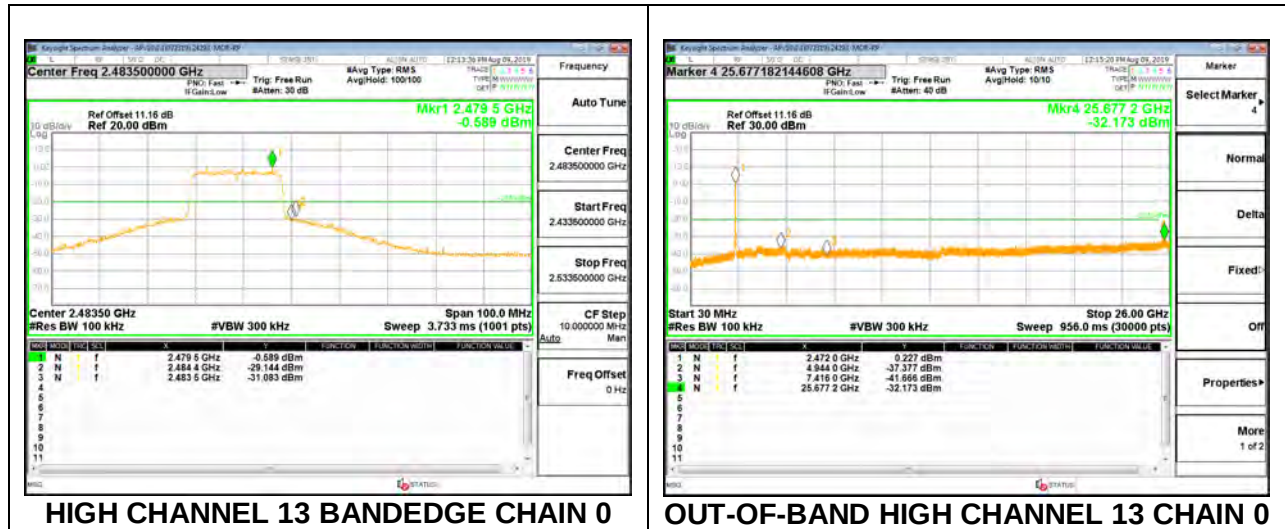


Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

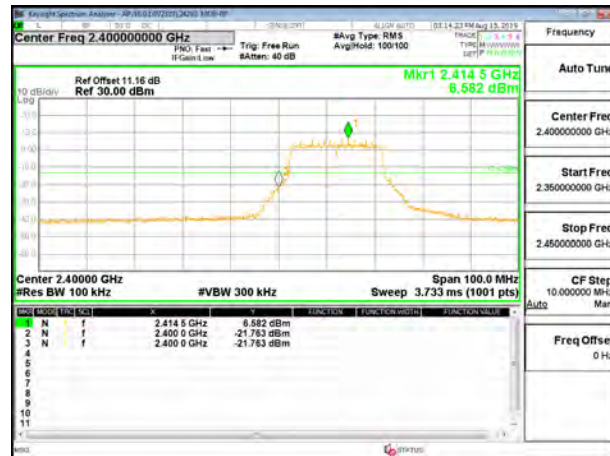
2TXChain 0 +Chain 1 MODE: SU



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Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

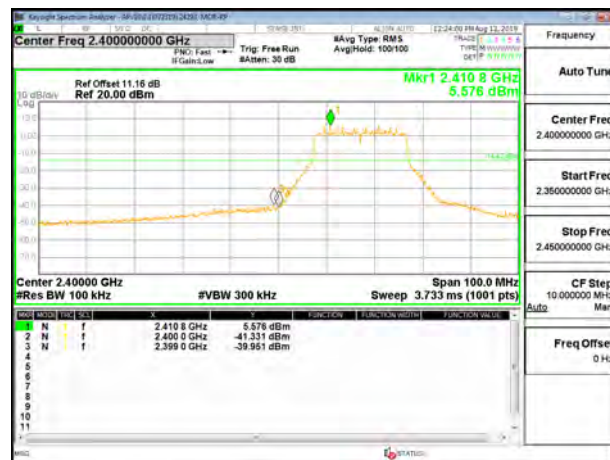


LOW CHANNEL 1 BANDEDGE CHAIN 1



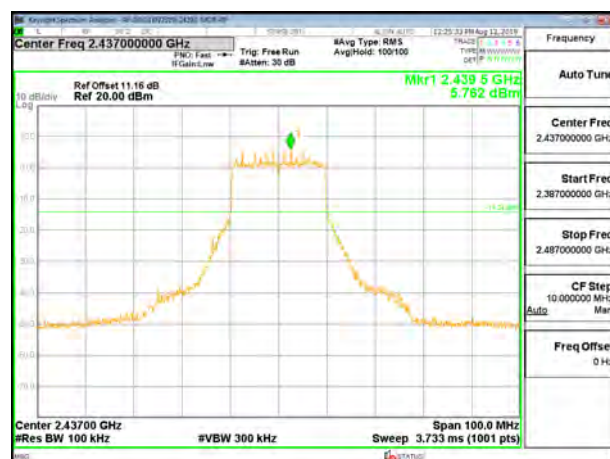
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1

Note – Low Channel 1 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

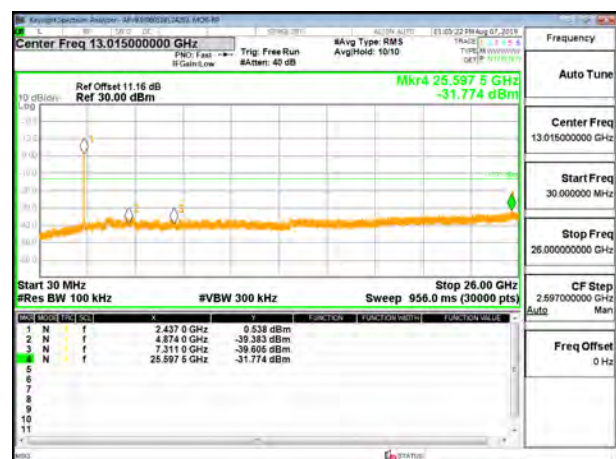


LOW CHANNEL 2 BANDEDGE CHAIN 1

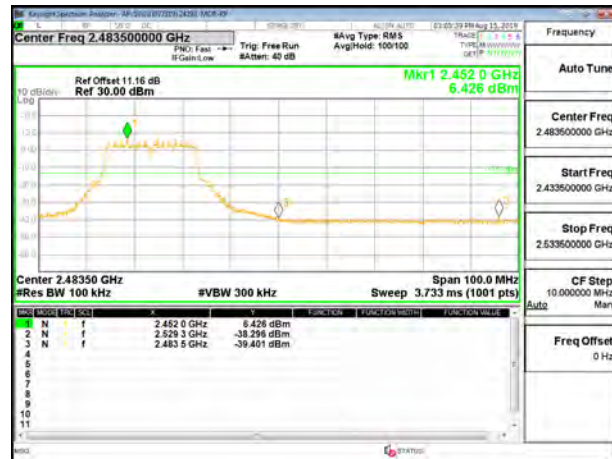
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IN-BAND REFERENCE LEVEL CHAIN 1

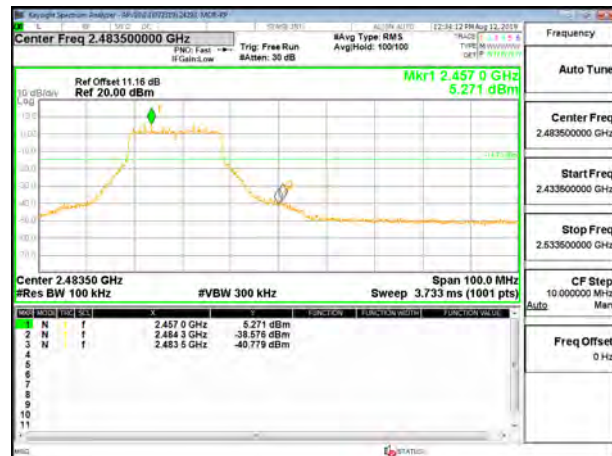


OUT-OF-BAND MID CHANNEL CHAIN 1



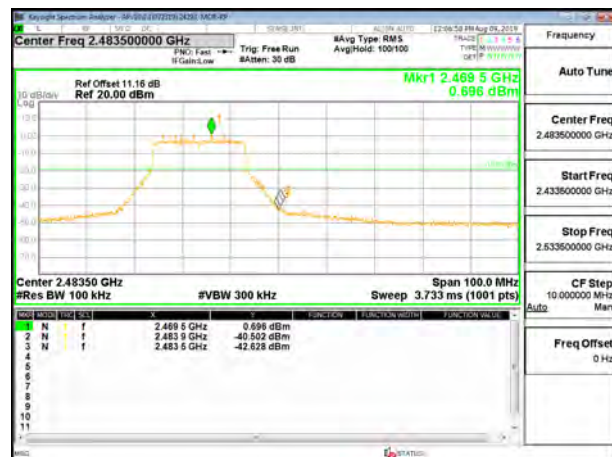
HIGH CHANNEL 10 BANDEDGE CHAIN 1

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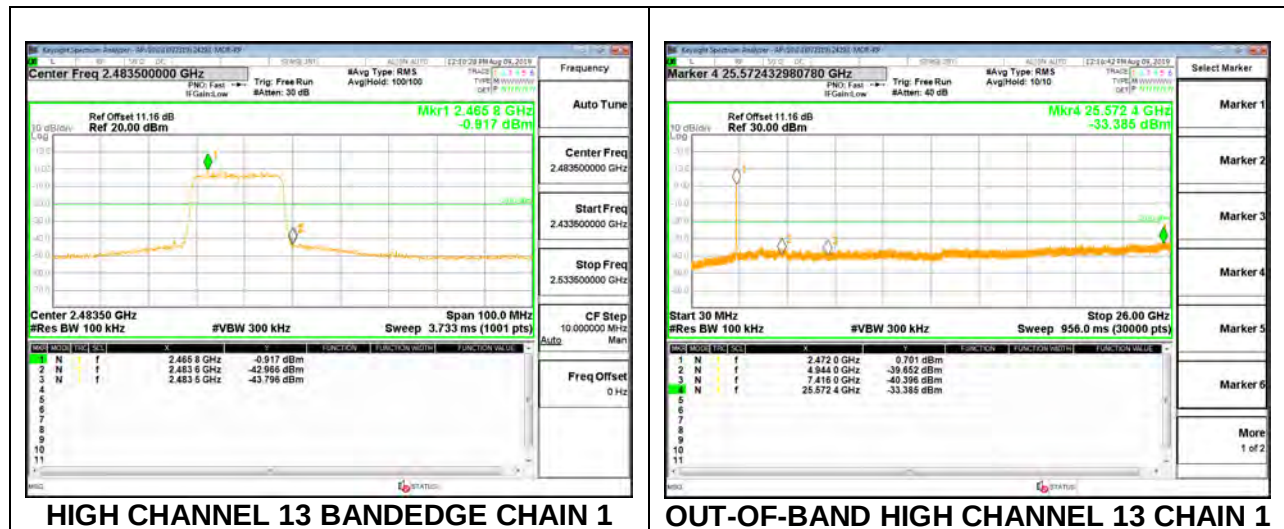
HIGH CHANNEL 11 BANDEDGE CHAIN 1

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HIGH CHANNEL 12 BANDEDGE CHAIN 1

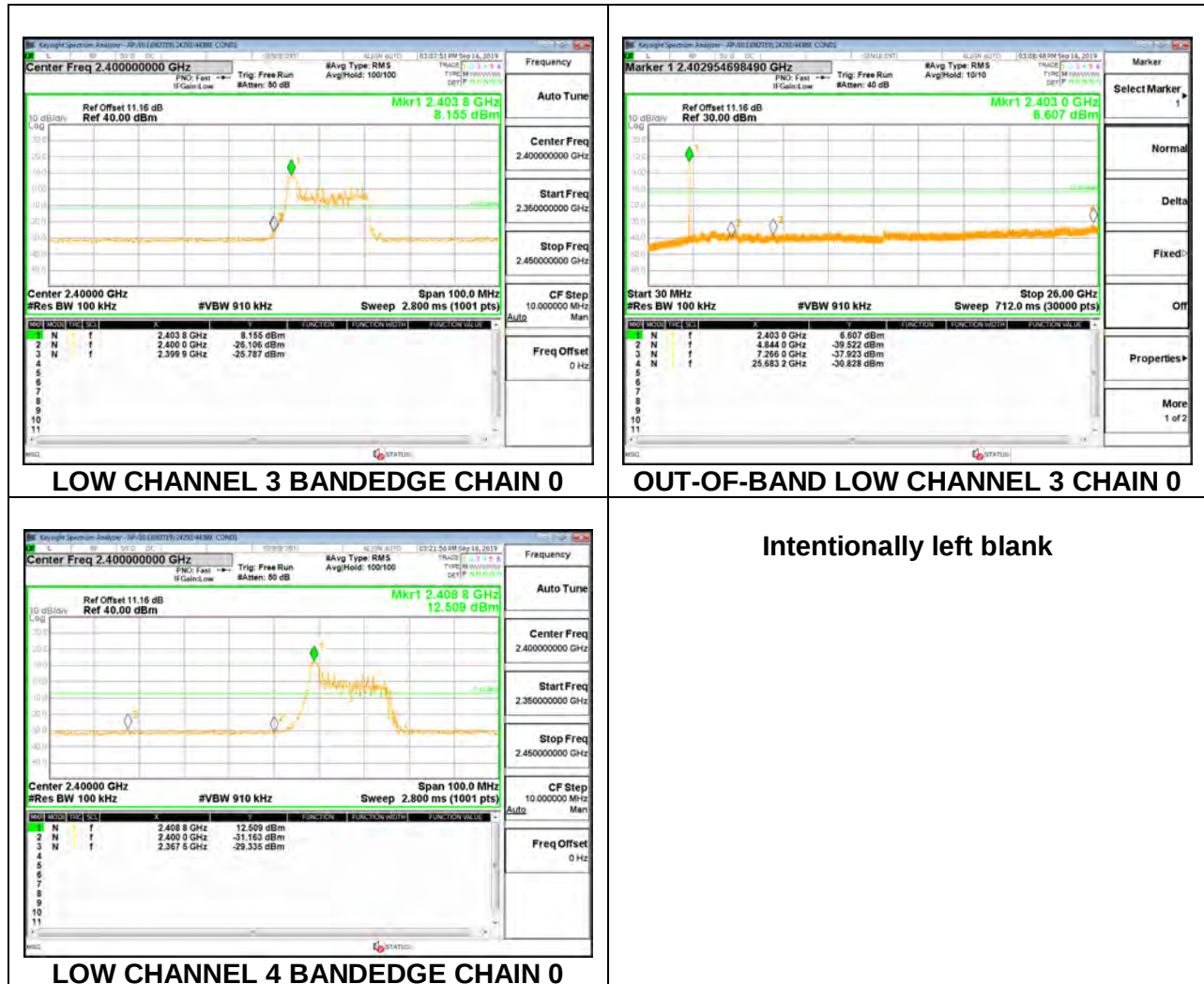
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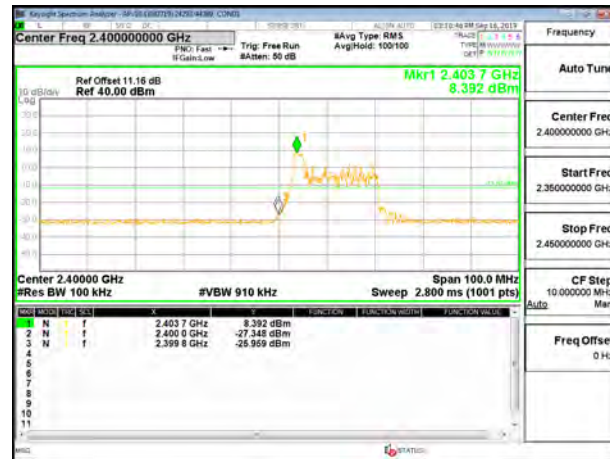


Note – High Channel 13 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

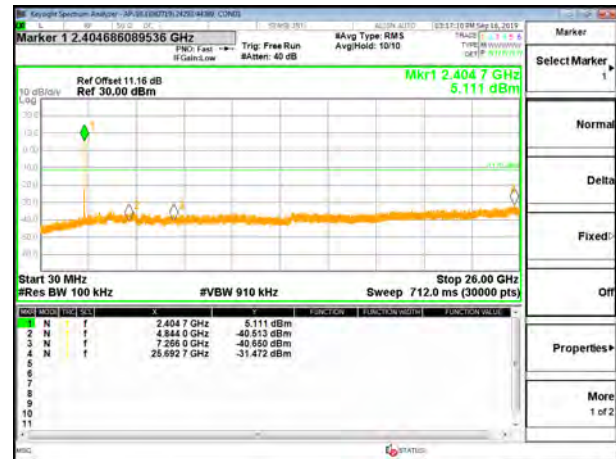
9.3.2. 802.11ax HE40 MODE 2TX

2TXChain 0 +Chain 1 MODE: 26-Tones, RU index 0

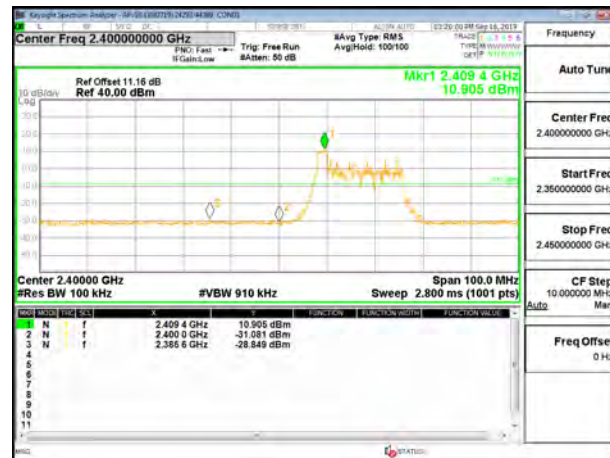




LOW CHANNEL 3 BANDEDGE CHAIN 1



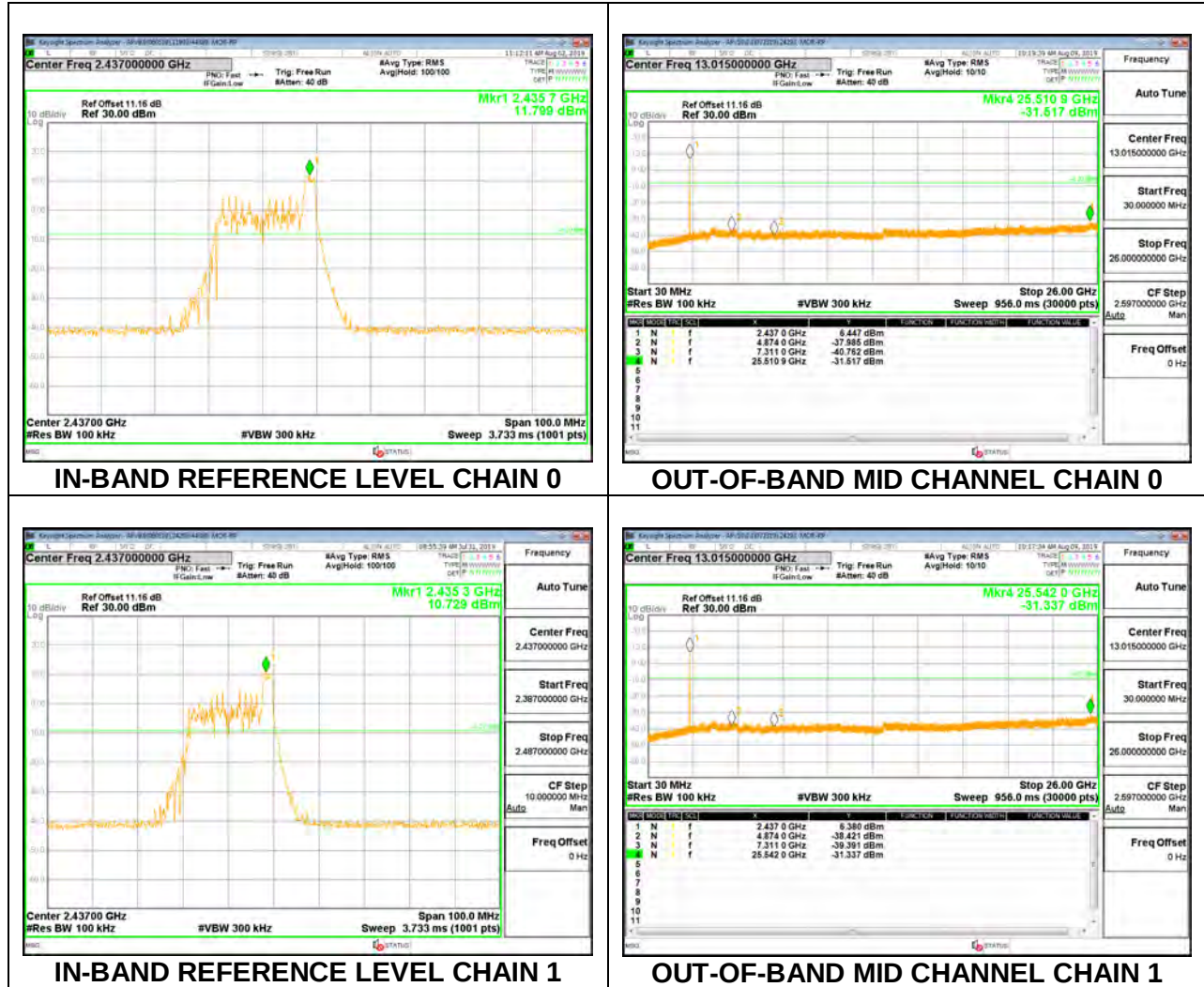
OUT-OF-BAND LOW CHANNEL 3 CHAIN 1



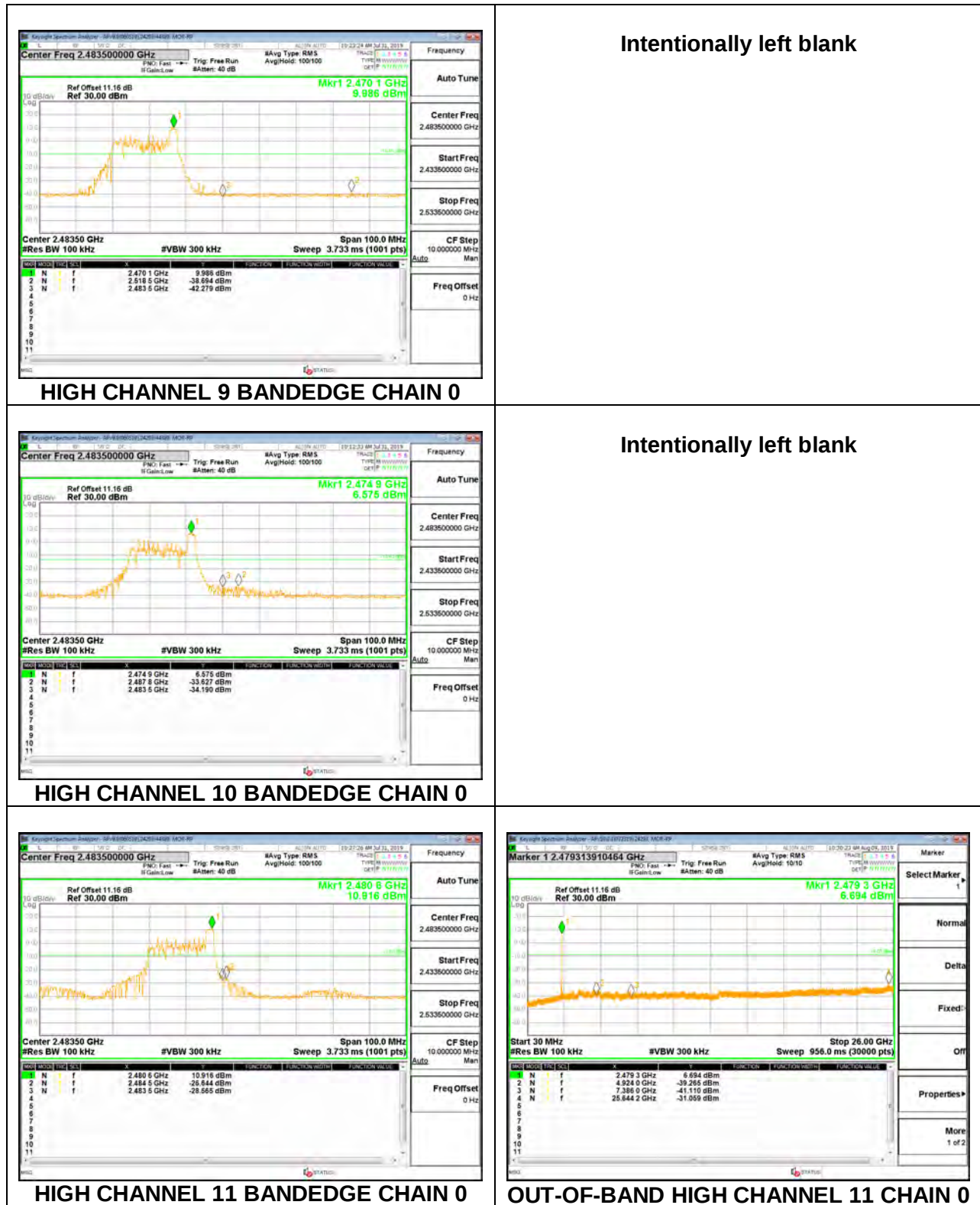
LOW CHANNEL 4 BANDEDGE CHAIN 1

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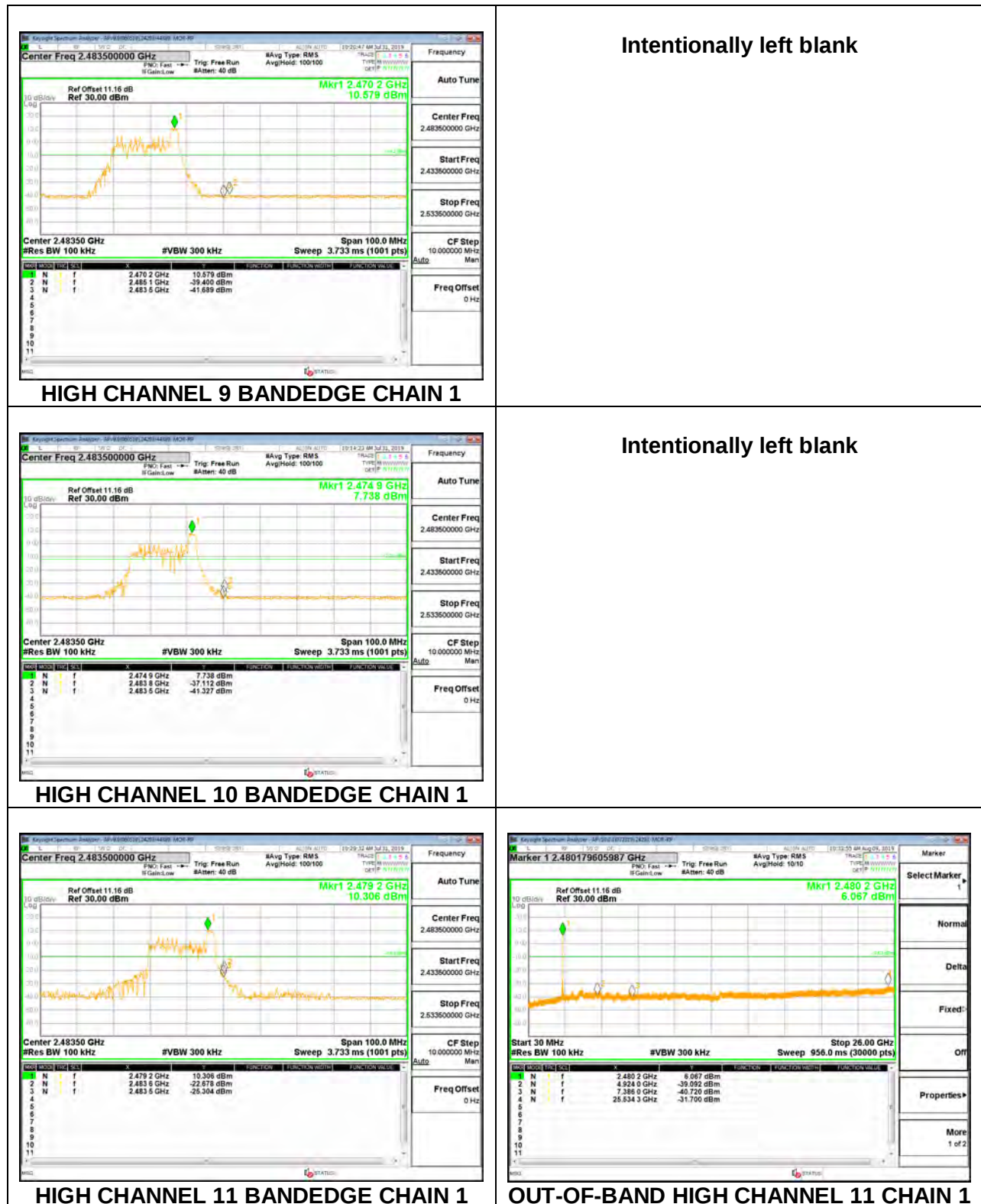
2TXChain 0 +Chain 1 MODE : 26-Tone, RU index 8



2TXChain 0 +Chain 1 MODE: 26-Tones, RU index 17



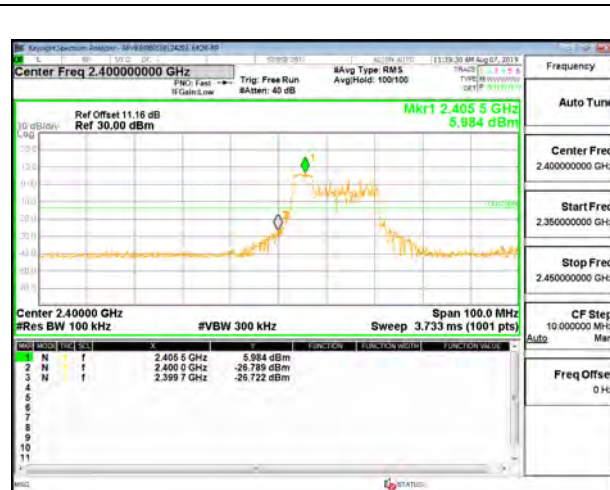
Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.



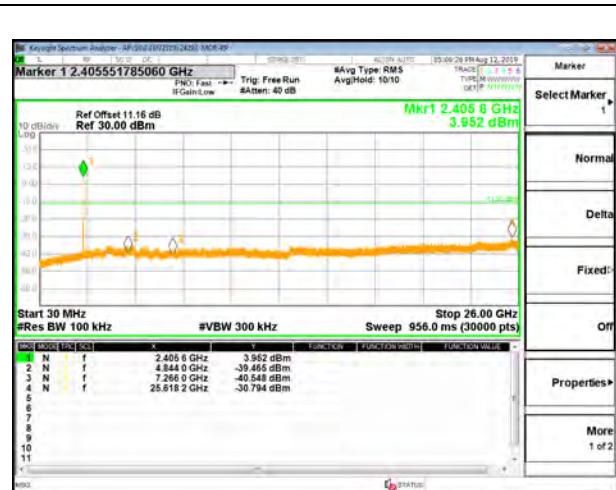
Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

2TXChain 0 +Chain 1 MODE: 52-Tones, RU index 37





LOW CHANNEL 3 BANDEDGE CHAIN 1



OUT-OF-BAND LOW CHANNEL 3 CHAIN 1

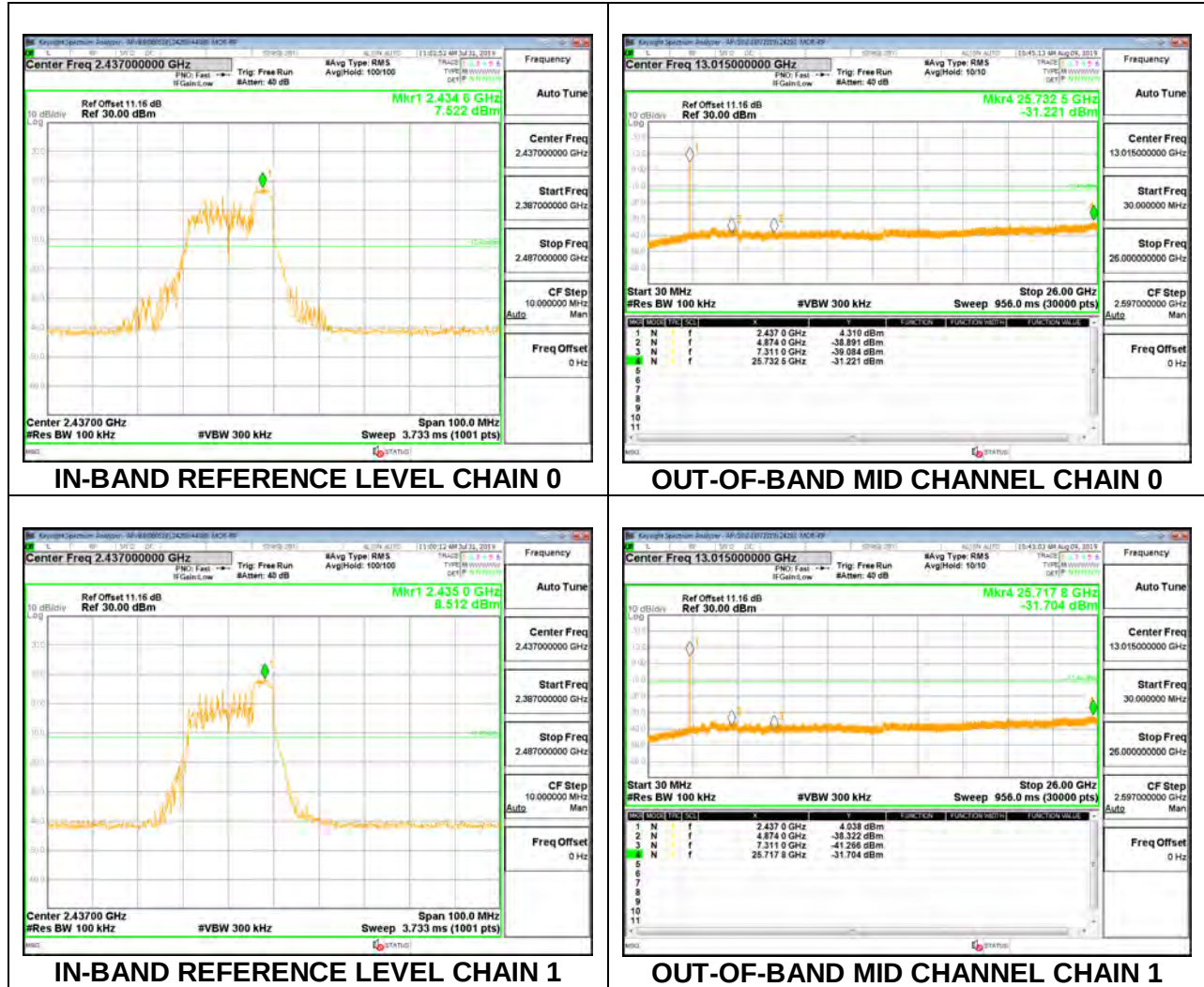
Note – Low Channel 3 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. Conducted Spurious Limit used from Channel 4 transmission power. However, margin is sufficient to meet both Ch3 or Ch4



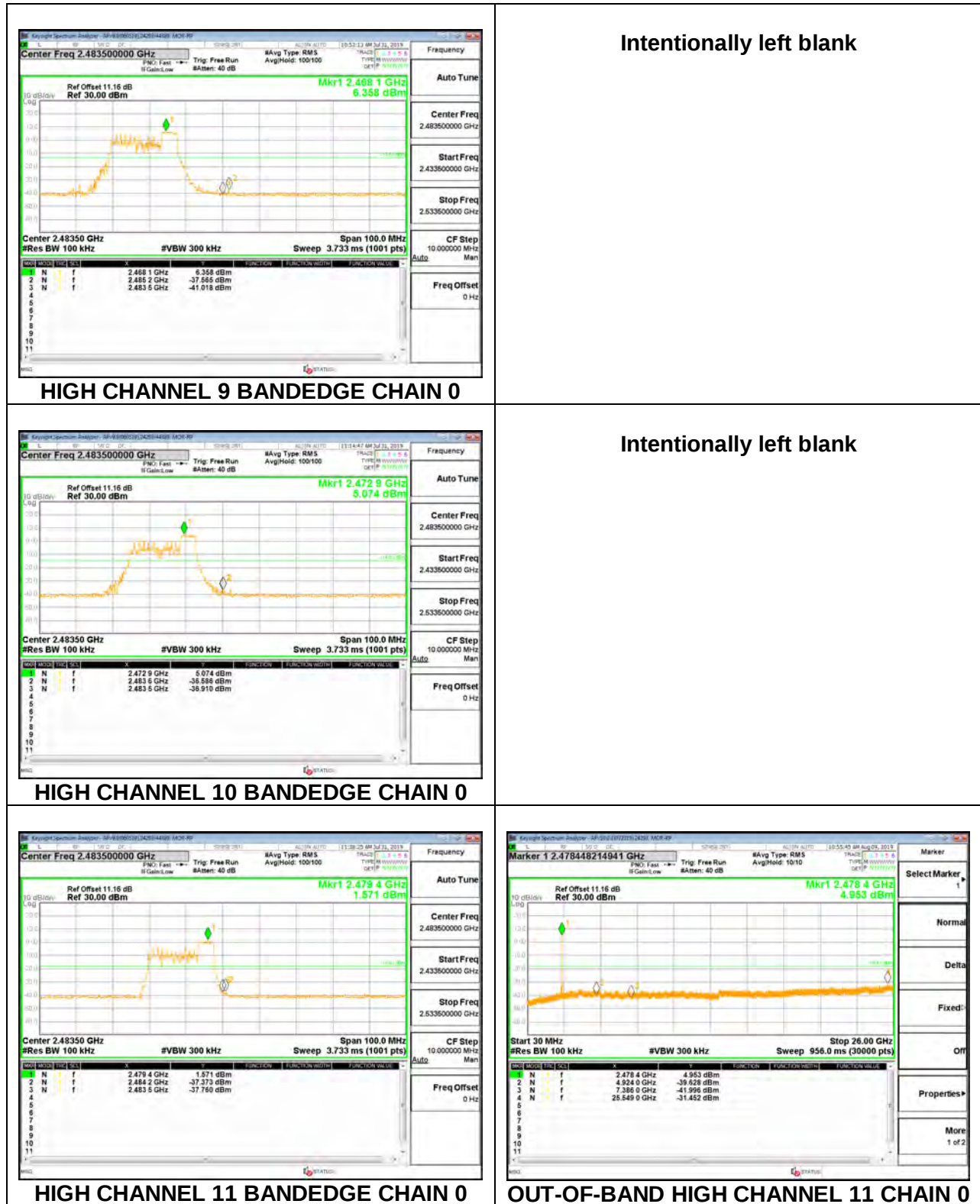
LOW CHANNEL 4 BANDEDGE CHAIN 1

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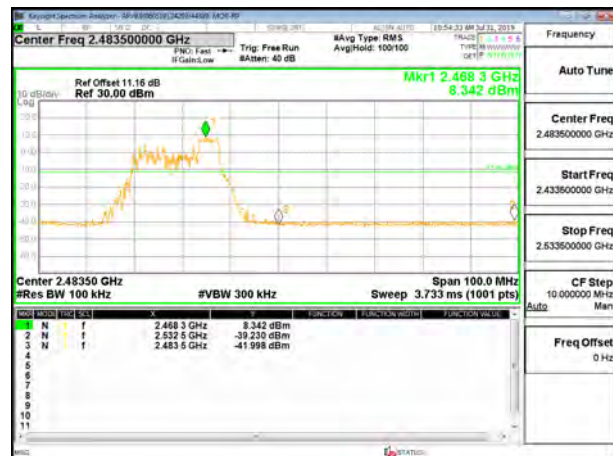
2TXChain 0 +Chain 1 MODE: 52-Tones, RU index 40



2TXChain 0 +Chain 1 MODE: 52-Tones, RU index 44



Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.



HIGH CHANNEL 9 BANDEDGE CHAIN 1

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HIGH CHANNEL 10 BANDEDGE CHAIN 1

Intentionally left blank



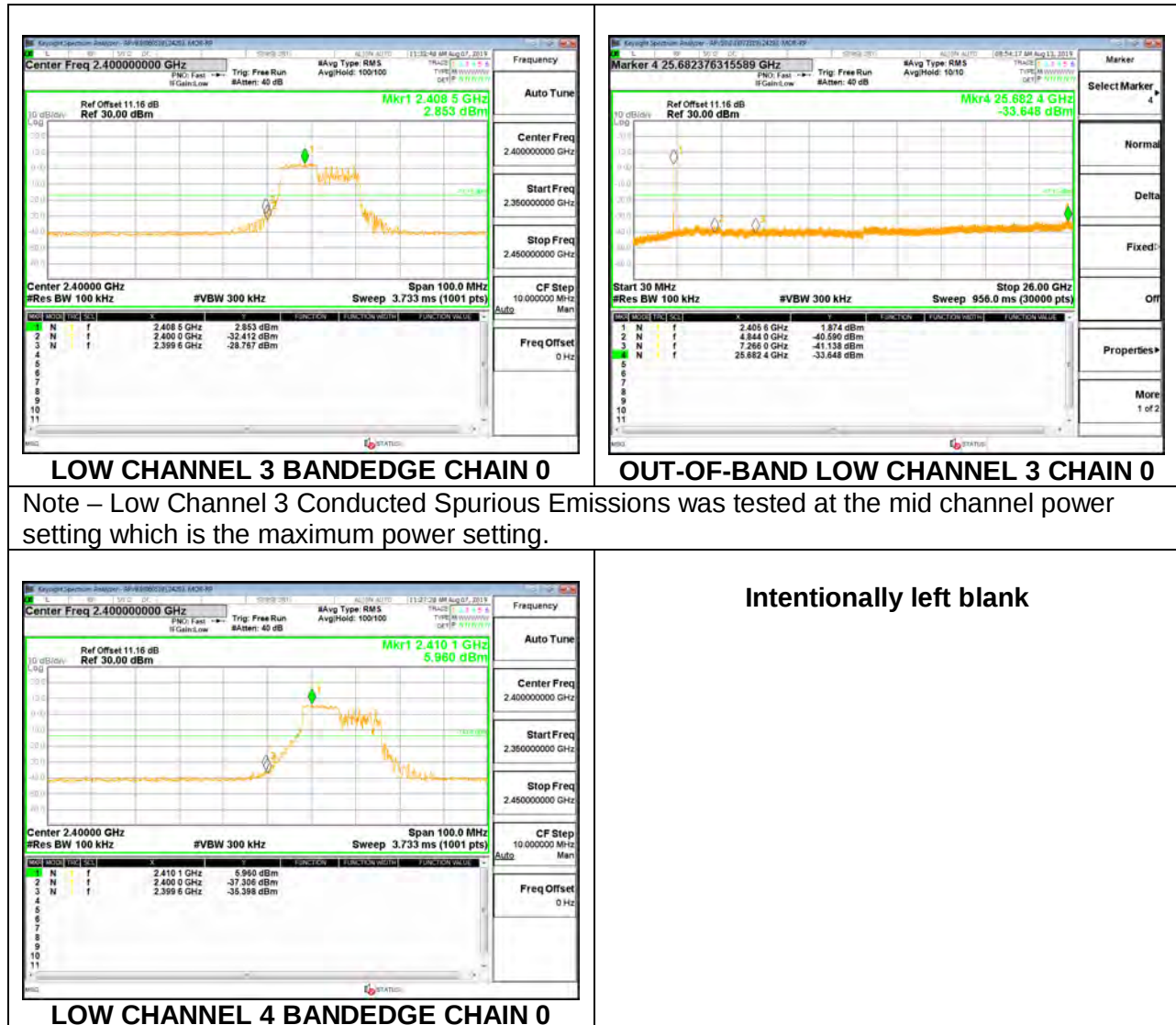
HIGH CHANNEL 11 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1

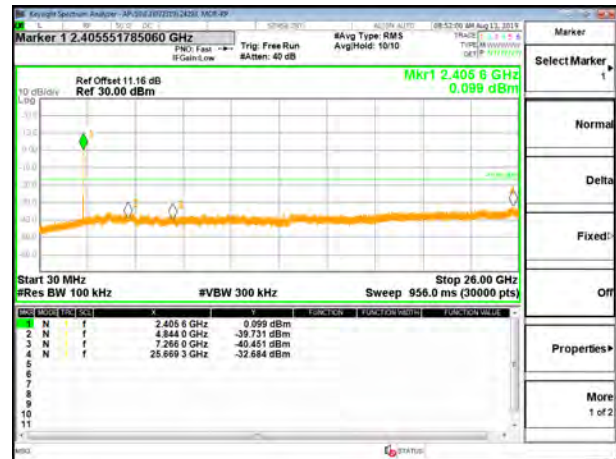
Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

2TXChain 0 +Chain 1 MODE: 106-Tones, RU index 53



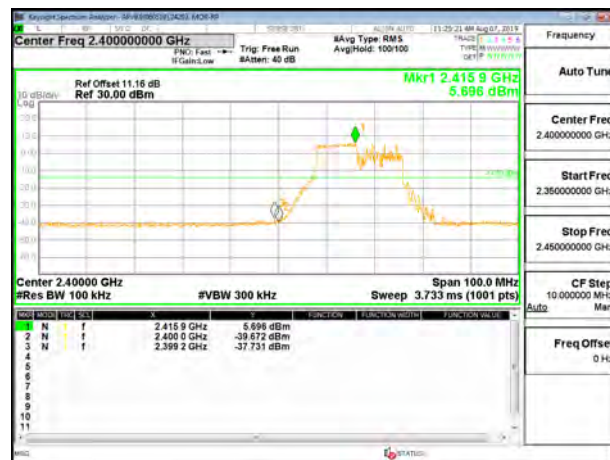


LOW CHANNEL 3 BANDEDGE CHAIN 1



OUT-OF-BAND LOW CHANNEL 3 CHAIN 1

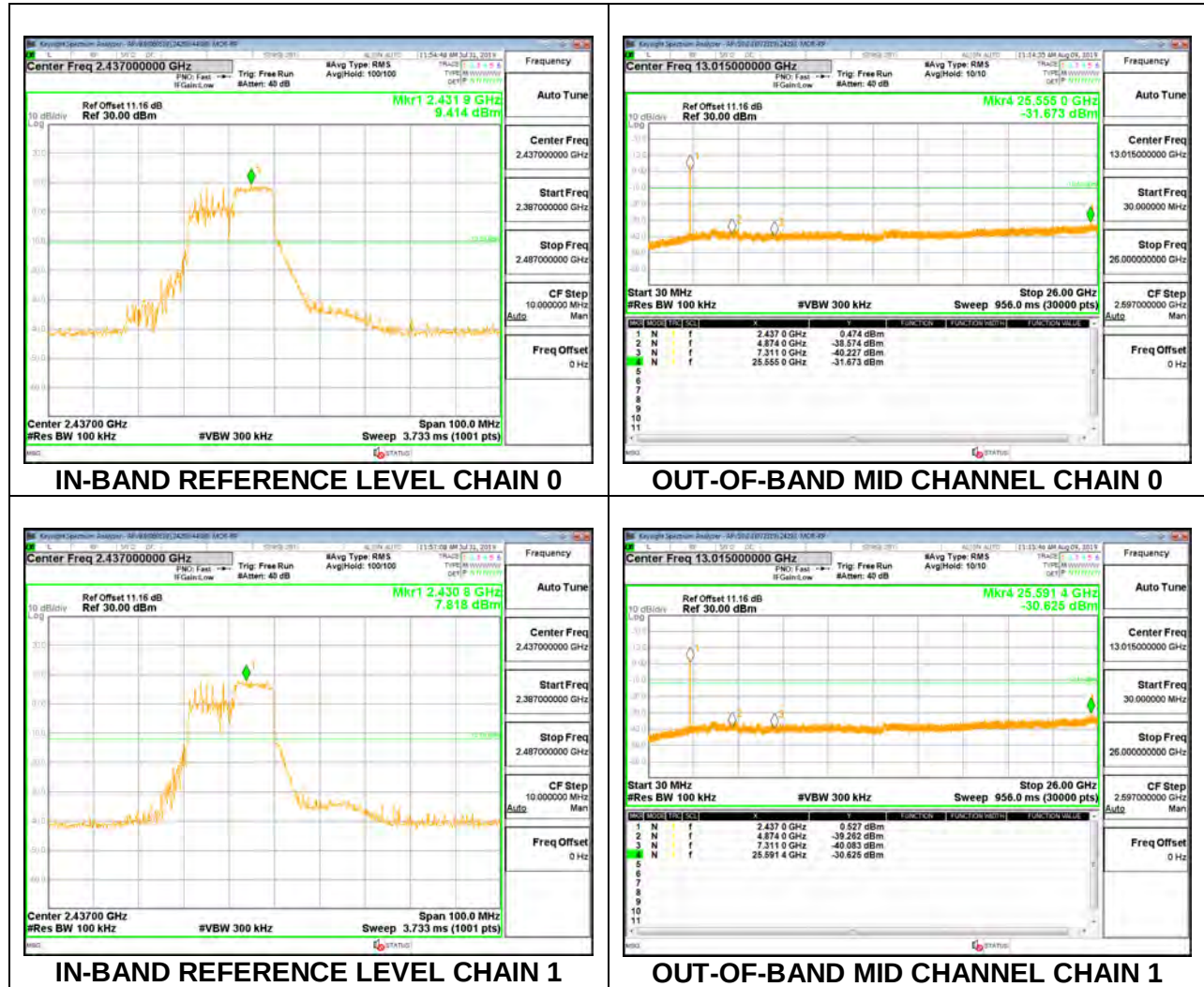
Note – Low Channel 3 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.



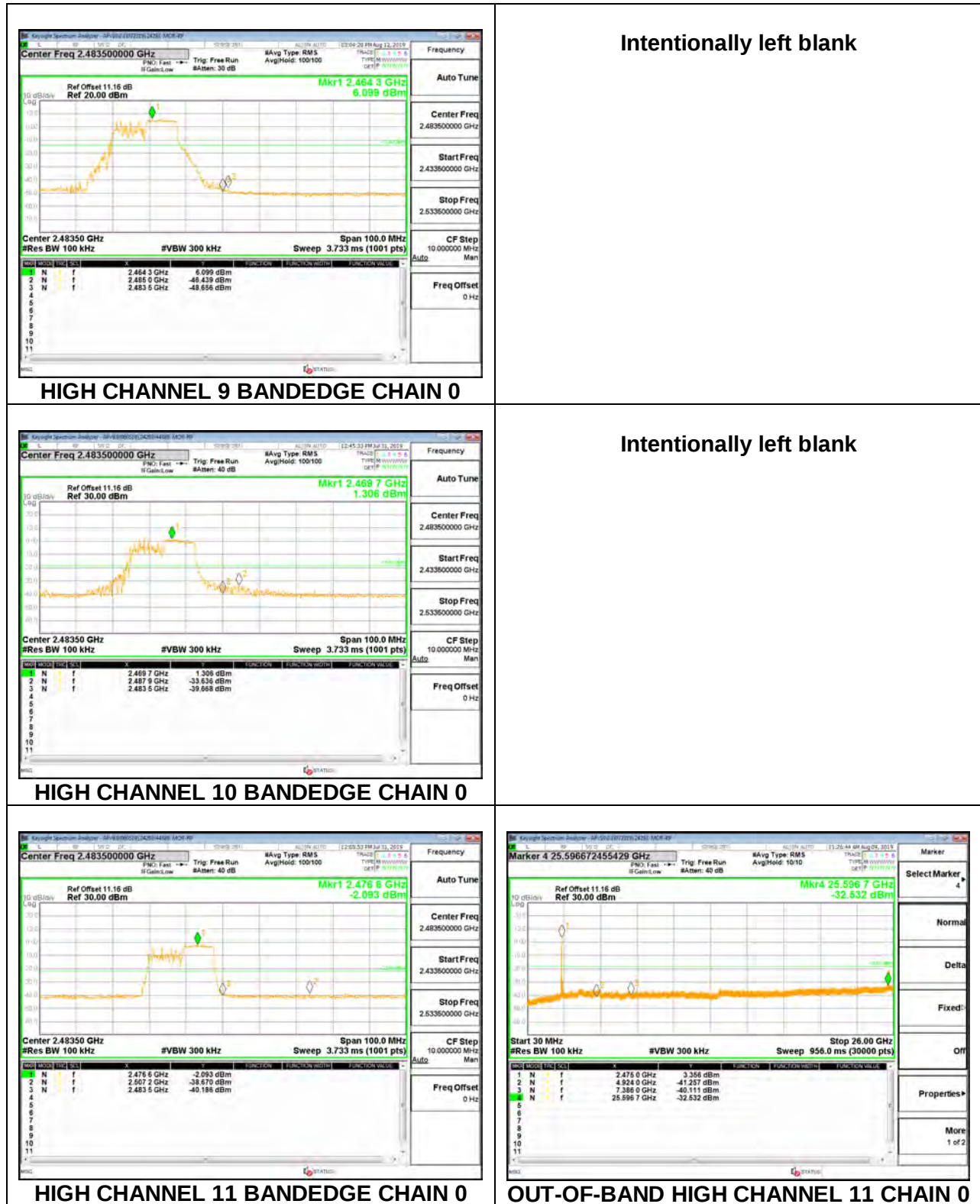
LOW CHANNEL 4 BANDEDGE CHAIN 1

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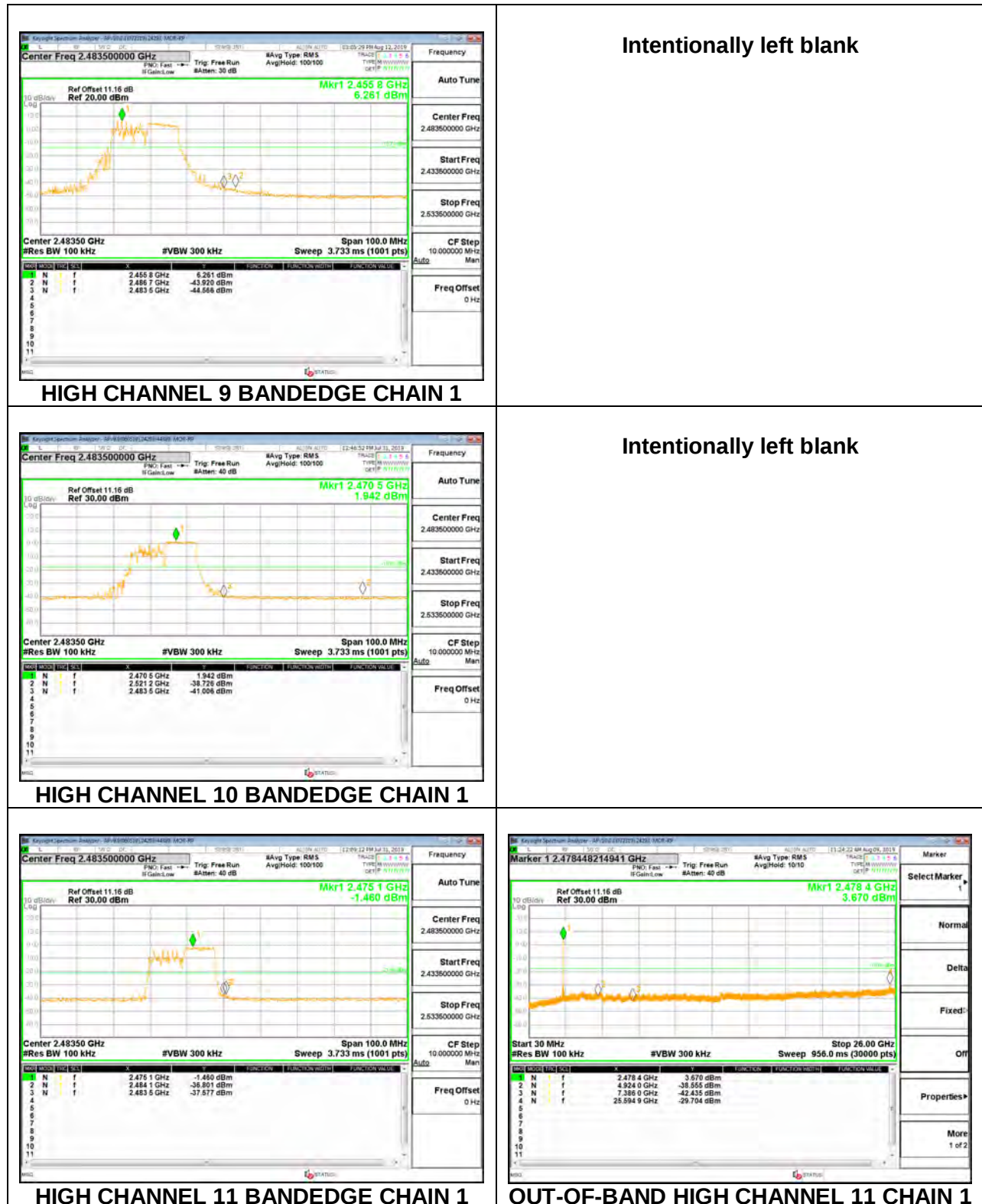
2TXChain 0 +Chain 1 MODE: 106-Tones, RU index 54



2TXChain 0 +Chain 1 MODE: 106-Tones, RU index 56



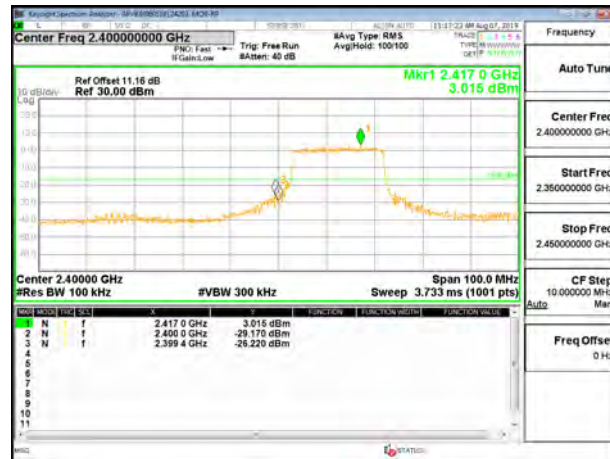
Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. The Conducted spurious limit used for Channel 11 was the Channel 10 limit. However there is enough margin to meet Ch 10 or Ch 11.



Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. The Conducted spurious limit used for Channel 11 was the Channel 10 limit. However there is enough margin to meet Ch 10 or Ch 11.

2TXChain 0 +Chain 1 MODE: 242-Tones, RU index 61



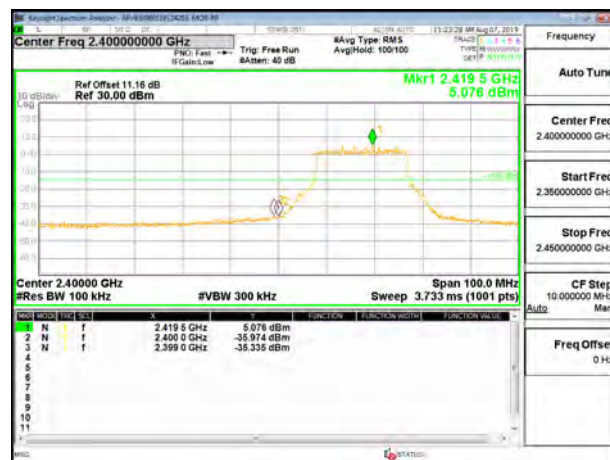


LOW CHANNEL 3 BANDEDGE CHAIN 1



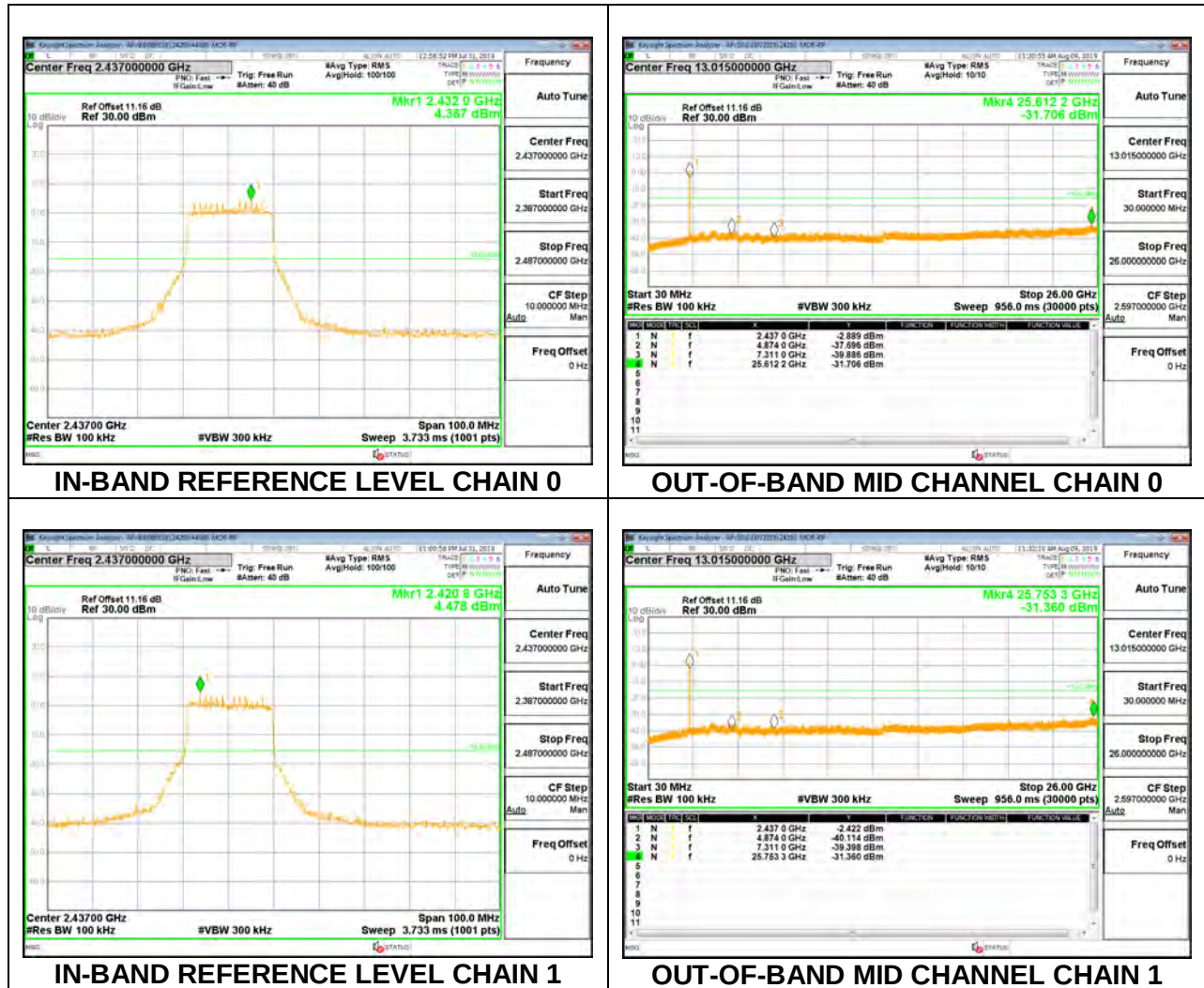
OUT-OF-BAND LOW CHANNEL 3 CHAIN 1

Note – Low Channel 3 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. The Conducted spurious limit used for Channel 3 was the Channel 4 limit. However there is enough margin to meet Ch 3 or Ch 4.

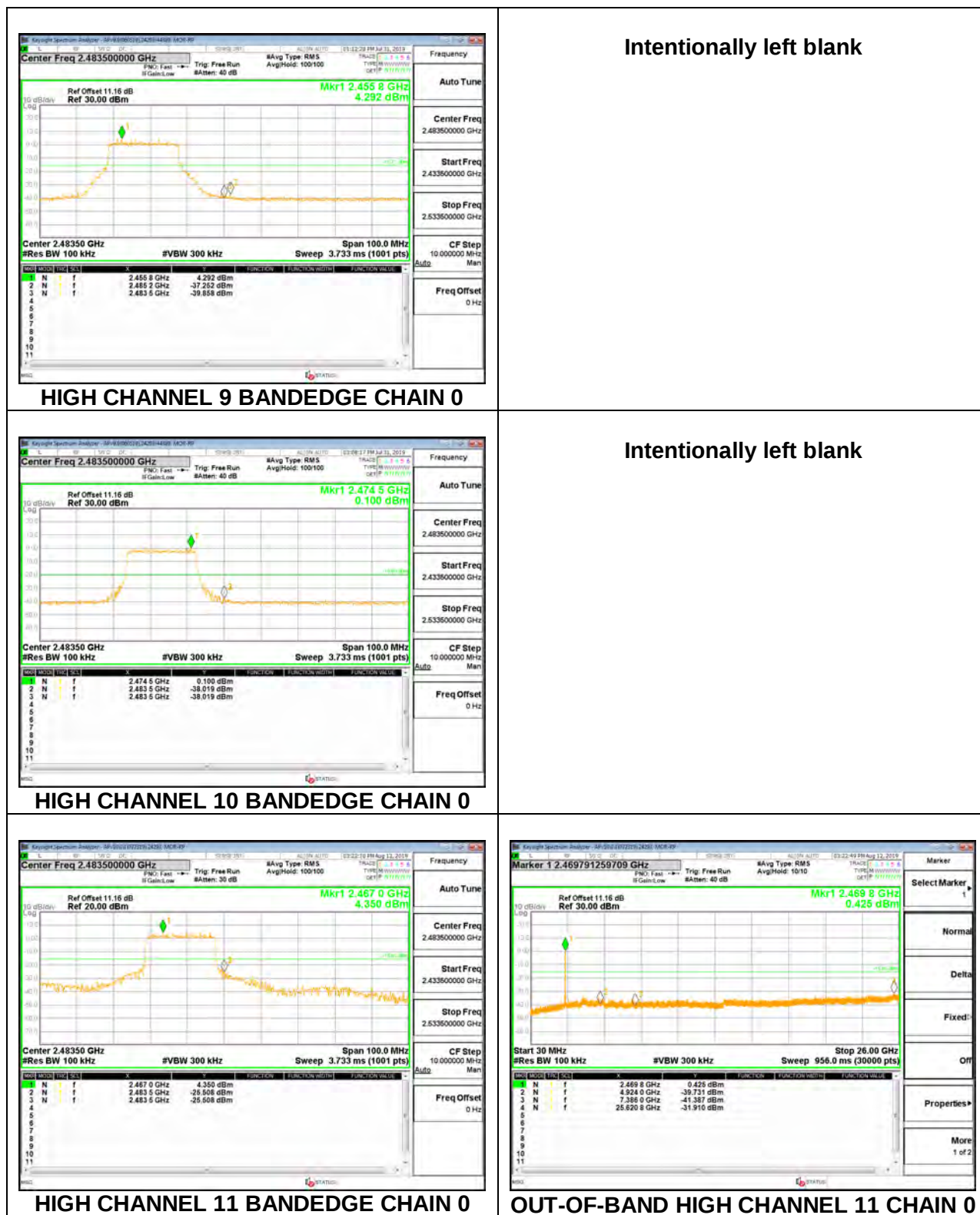


LOW CHANNEL 4 BANDEDGE CHAIN 1

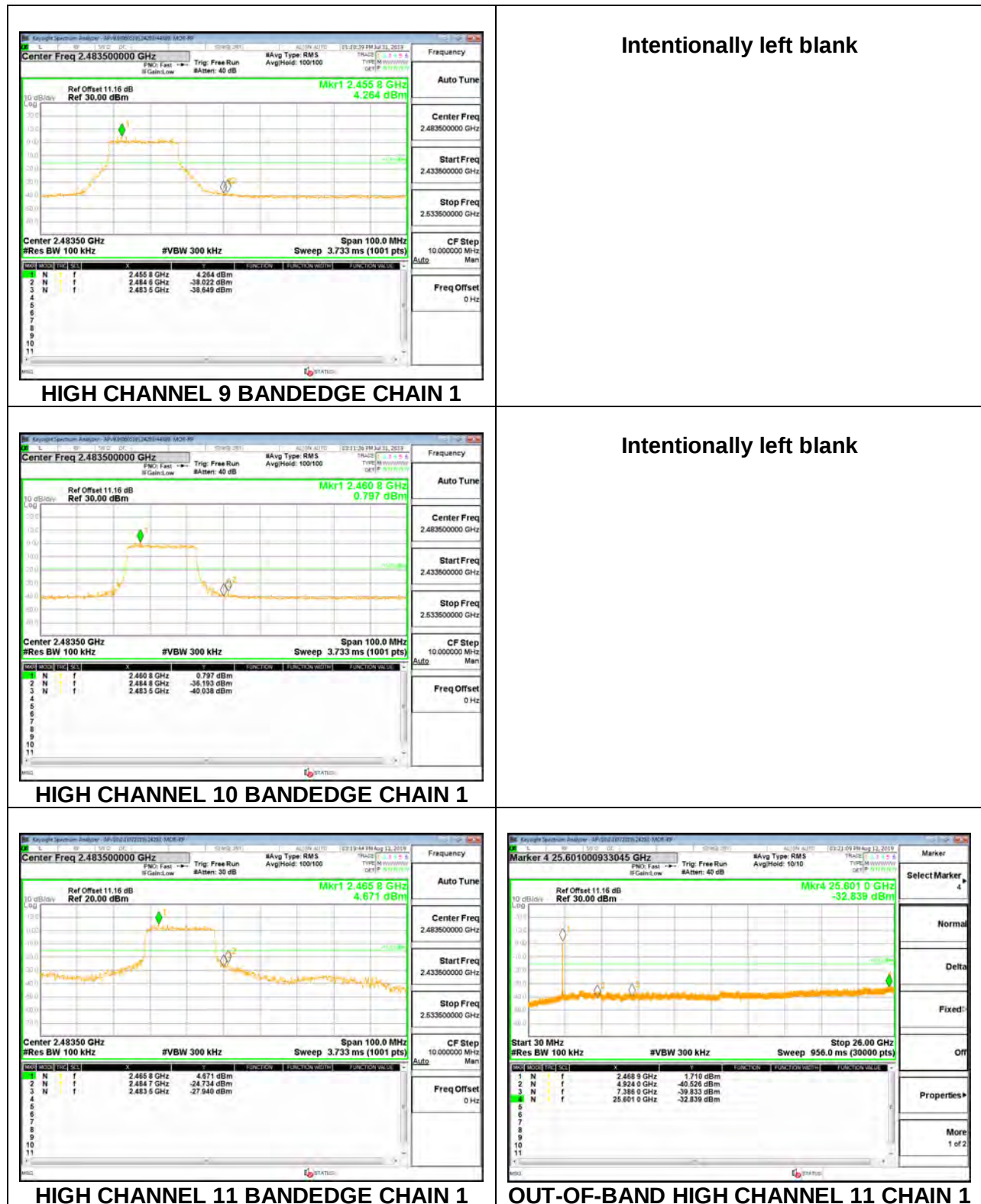
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2TXChain 0 +Chain 1 MODE: 242-Tones, RU index 62

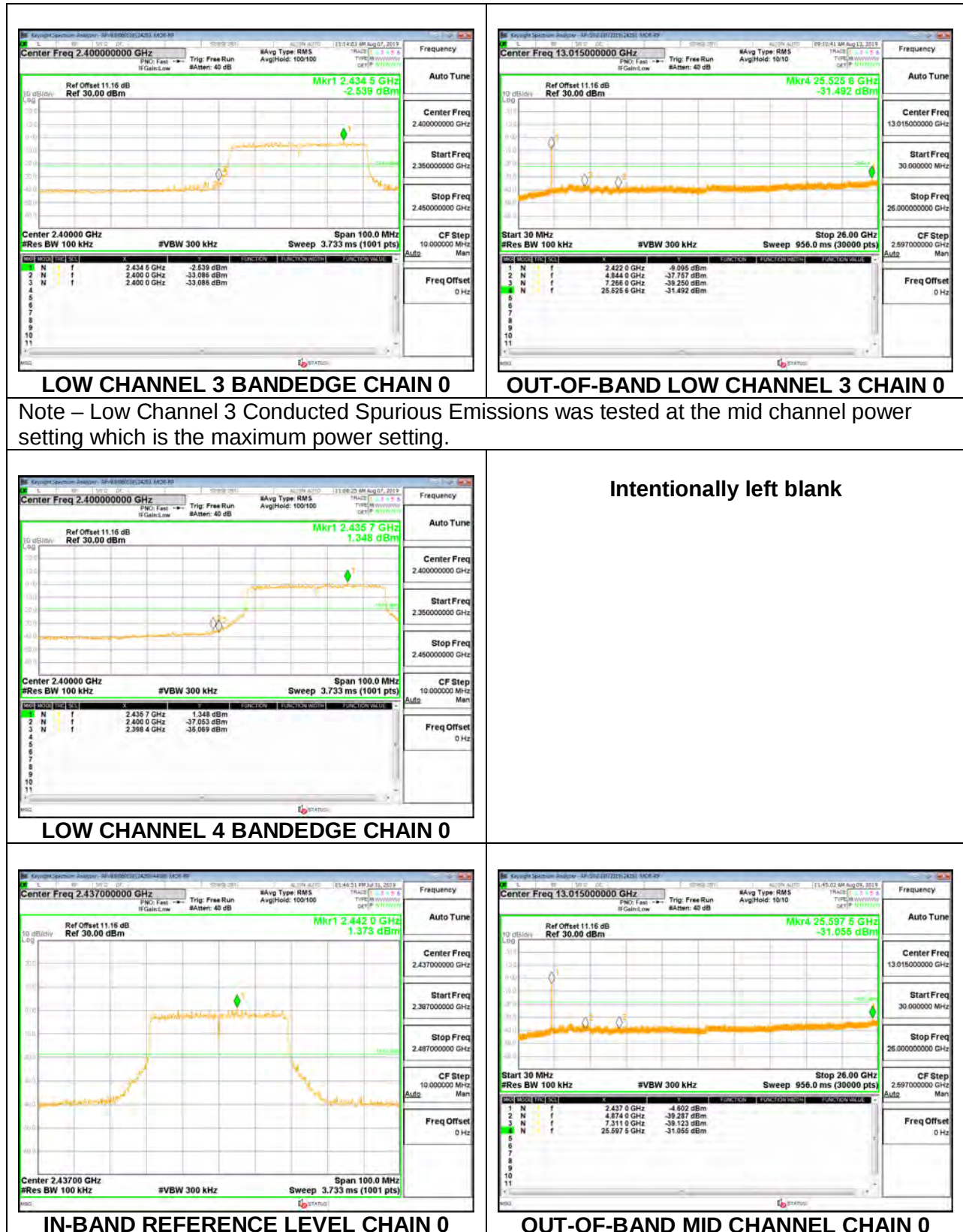


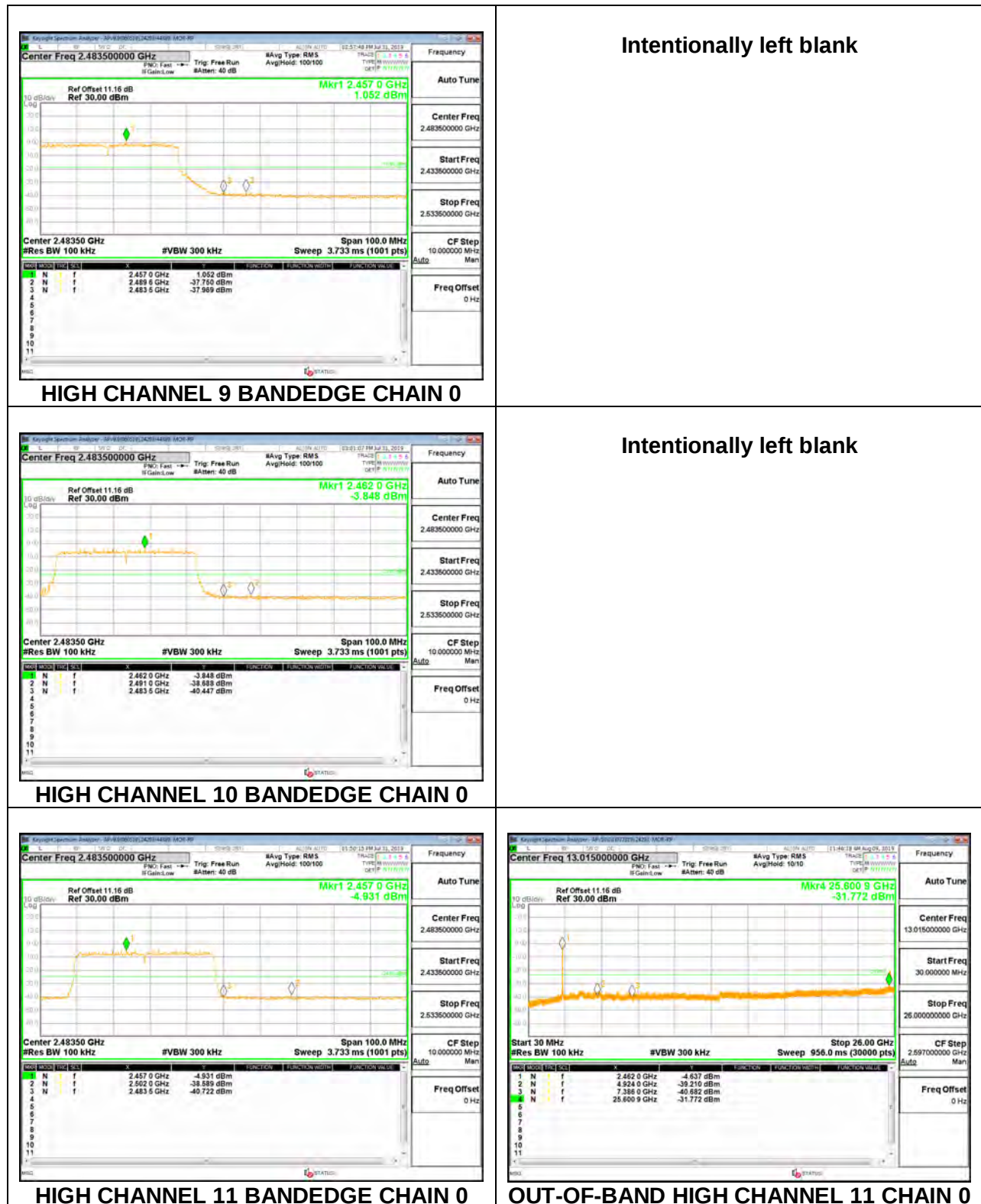
Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.



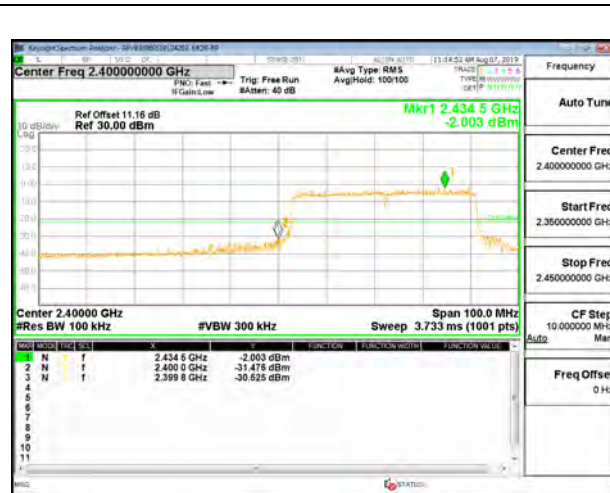
Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

2TXChain 0 +Chain 1 MODE: 484-Tones, RU index 65





Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. The Conducted spurious limit used for Channel 11 was the Channel 10 limit. However there is enough margin to meet Ch 10 or Ch 11.

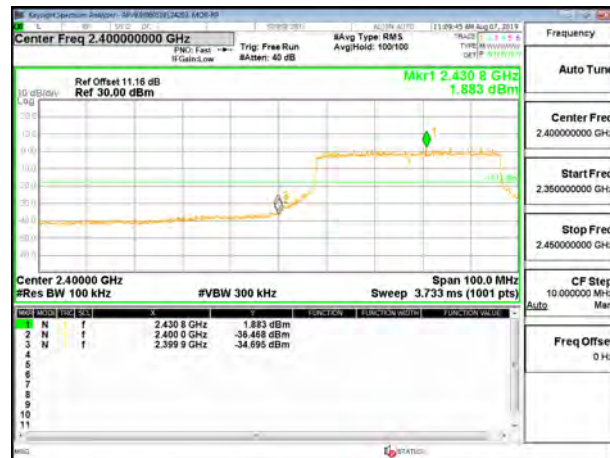


LOW CHANNEL 3 BANDEDGE CHAIN 1



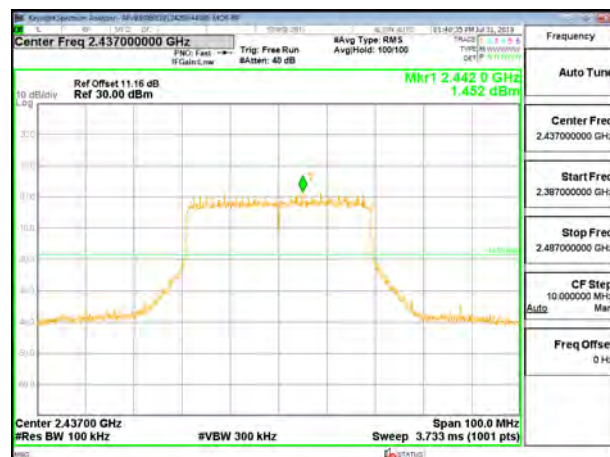
OUT-OF-BAND LOW CHANNEL 3 CHAIN 1

Note – Low Channel 3 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.

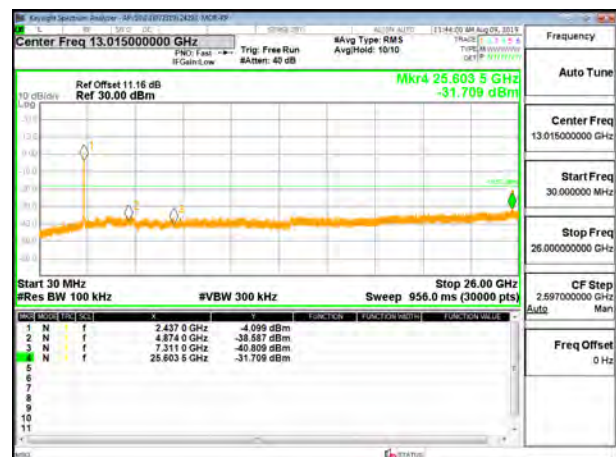


LOW CHANNEL 4 BANDEDGE CHAIN 1

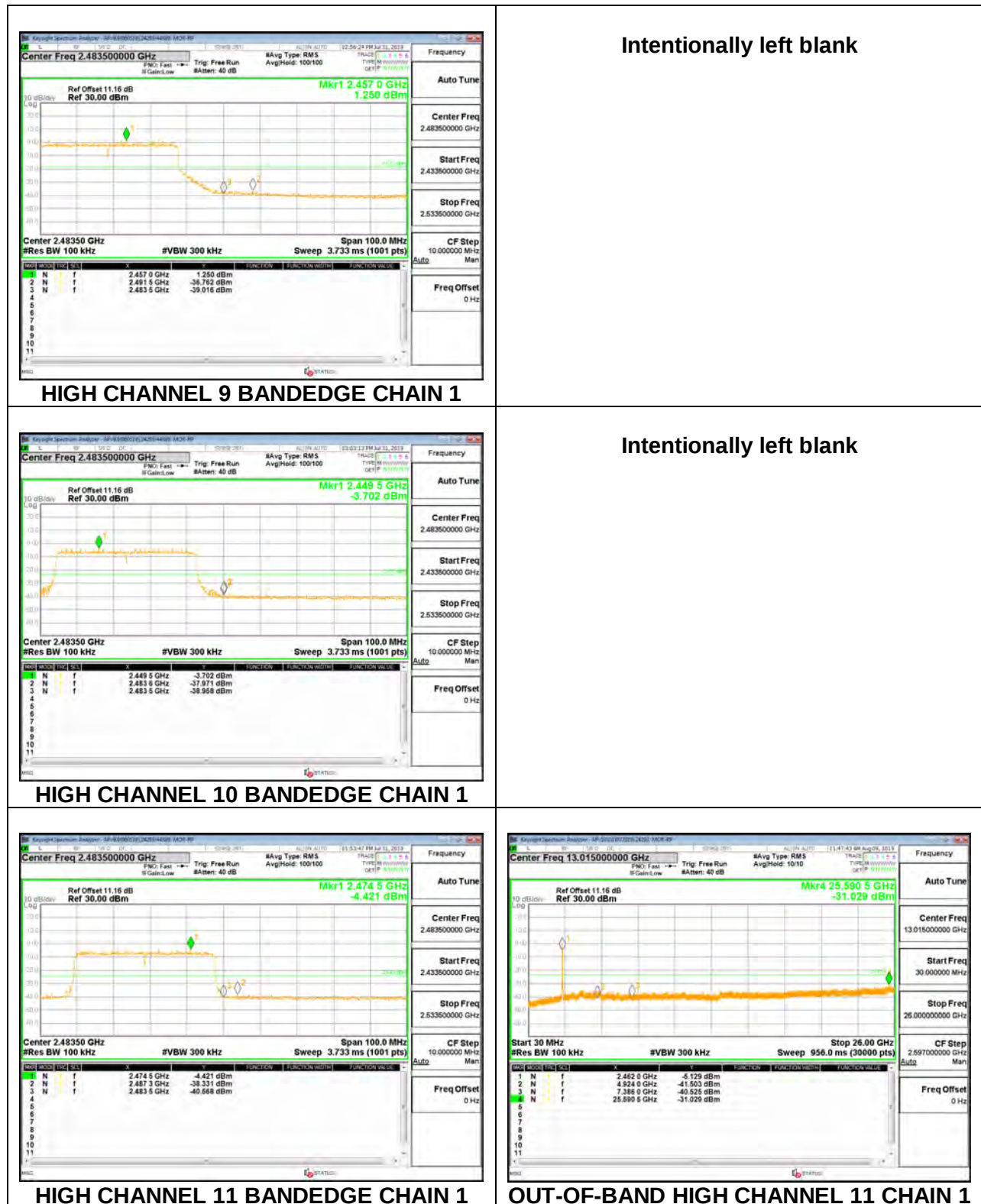
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IN-BAND REFERENCE LEVEL CHAIN 1

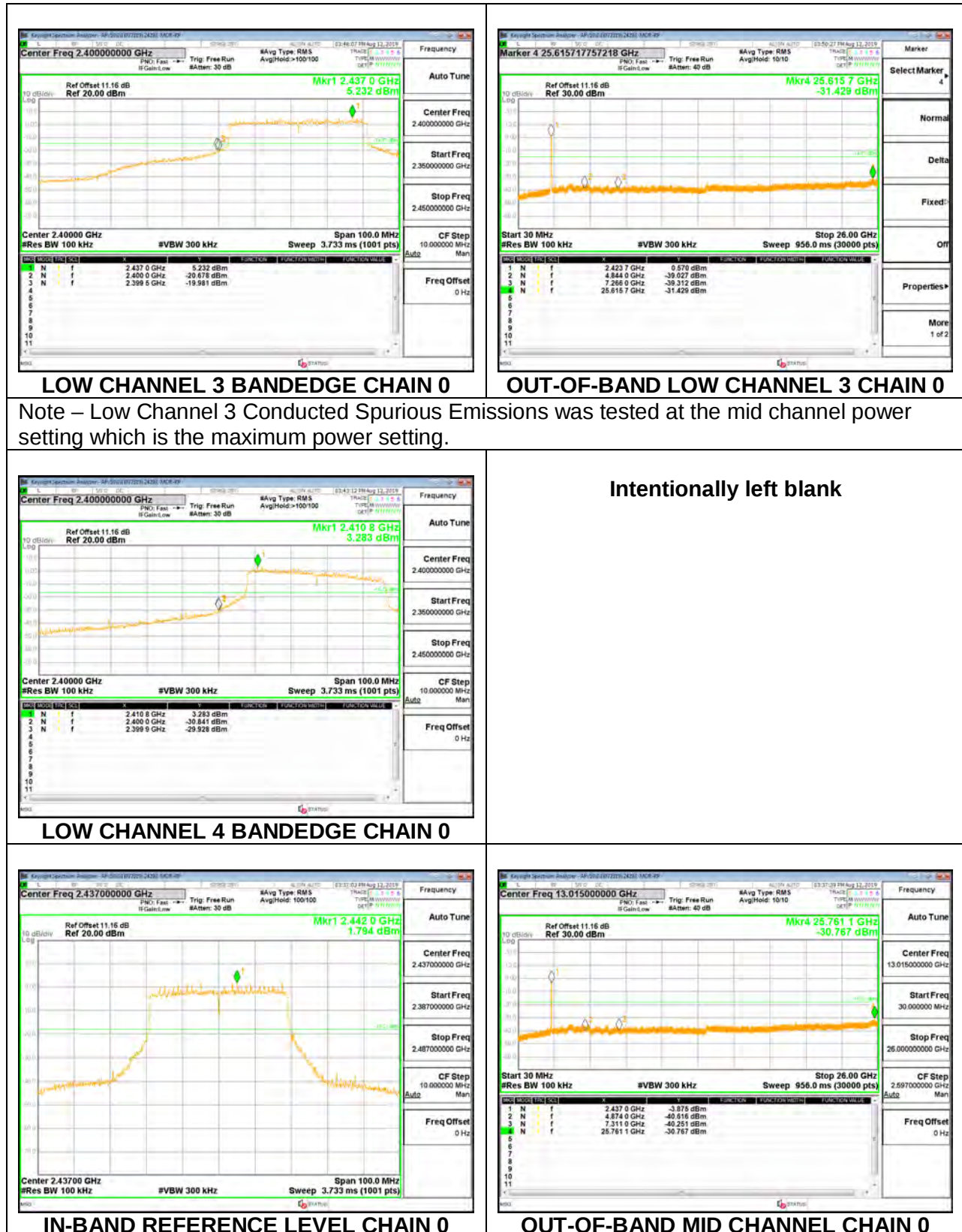


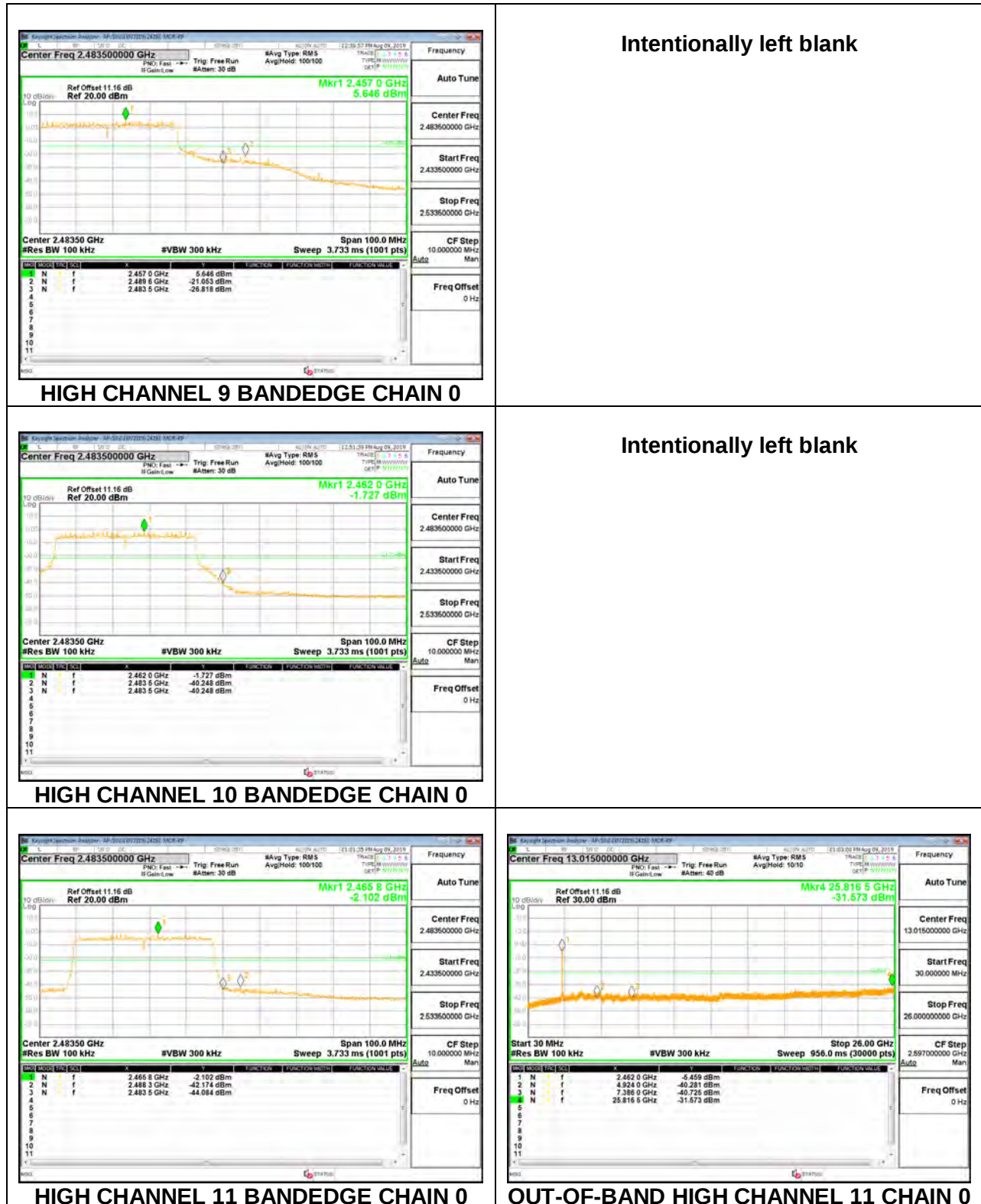
OUT-OF-BAND MID CHANNEL CHAIN 1



Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting. The Conducted spurious limit used for Channel 11 was the Channel 10 limit. However there is enough margin to meet Ch 10 or Ch 11.

2TXChain 0 +Chain 1 MODE: SU





Note – High Channel 11 Conducted Spurious Emissions was tested at the mid channel power setting which is the maximum power setting.