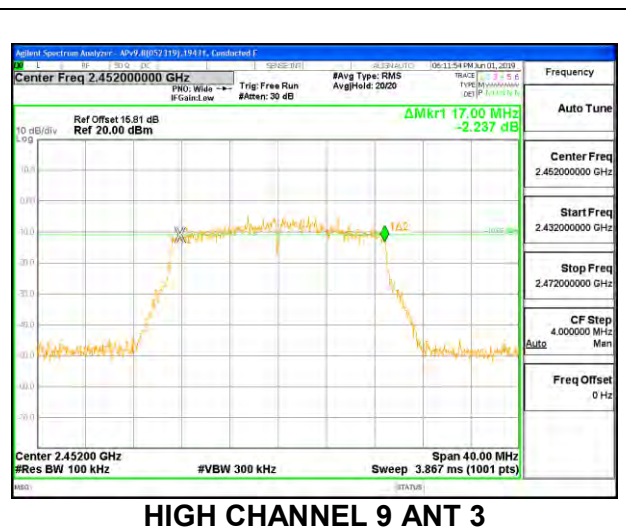
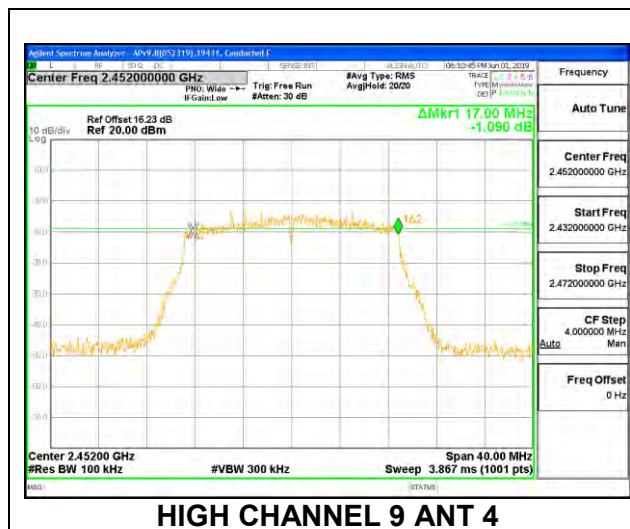
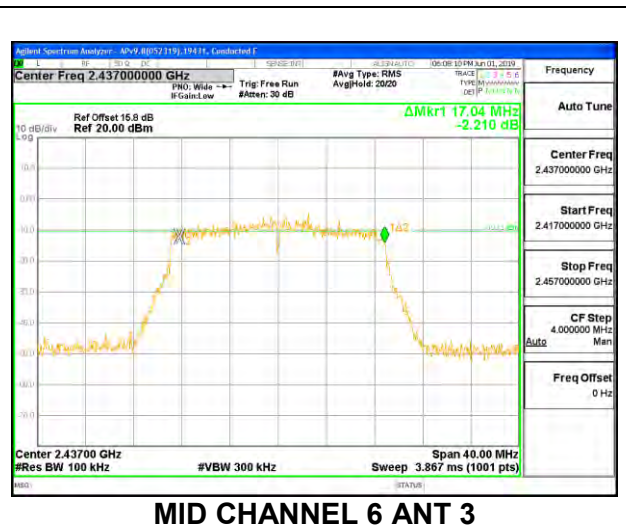
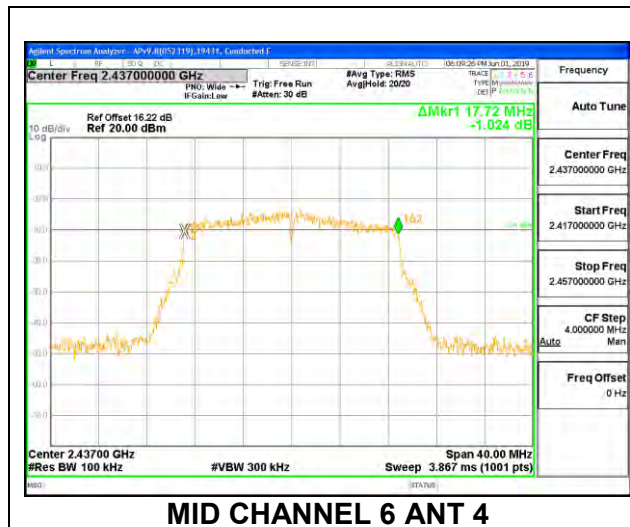
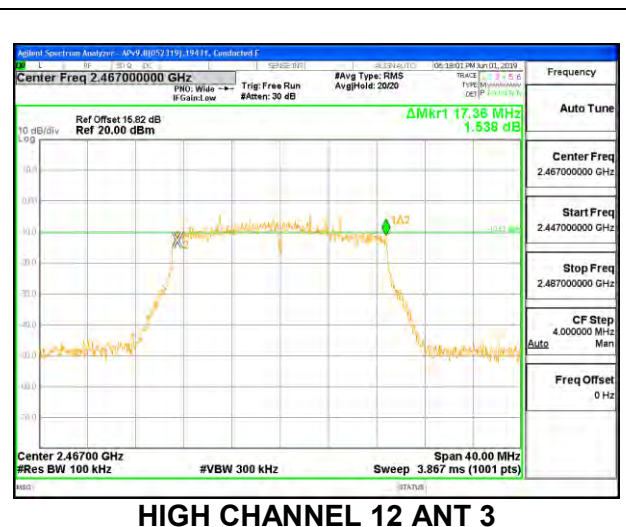
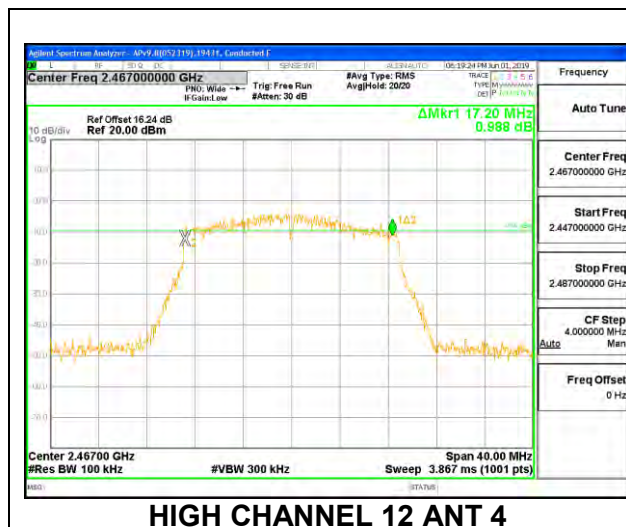
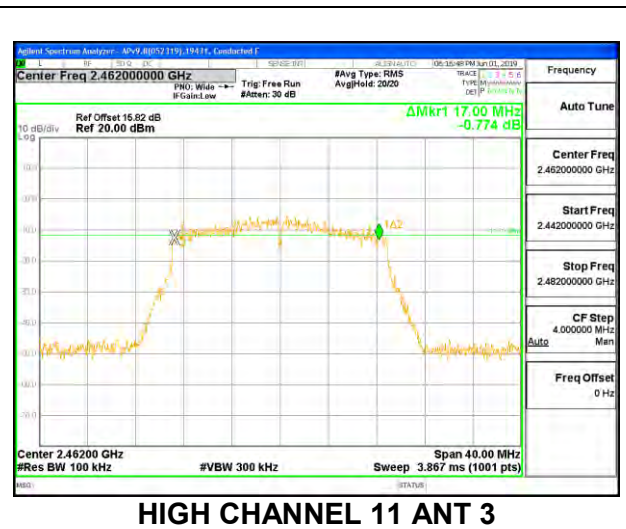
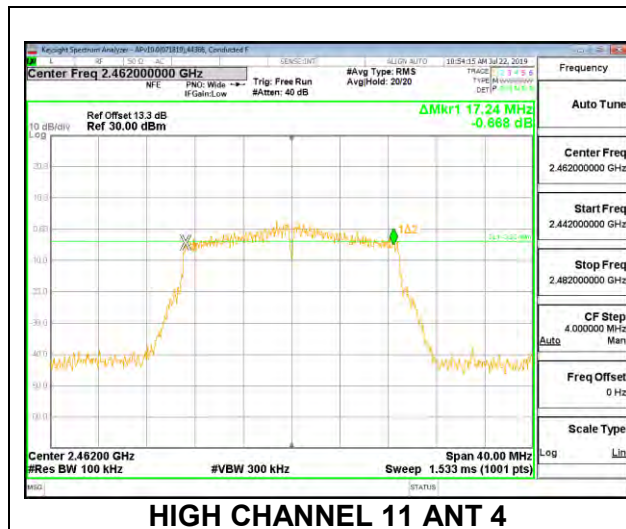
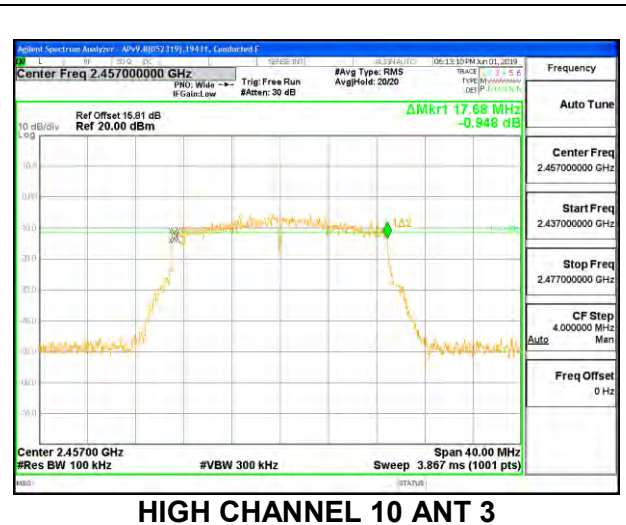
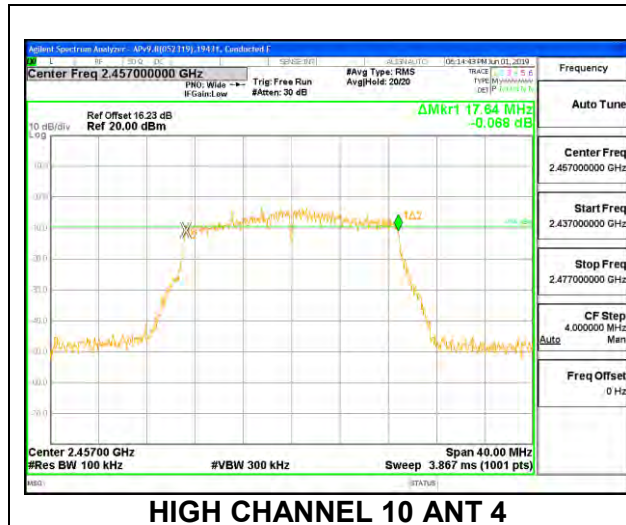
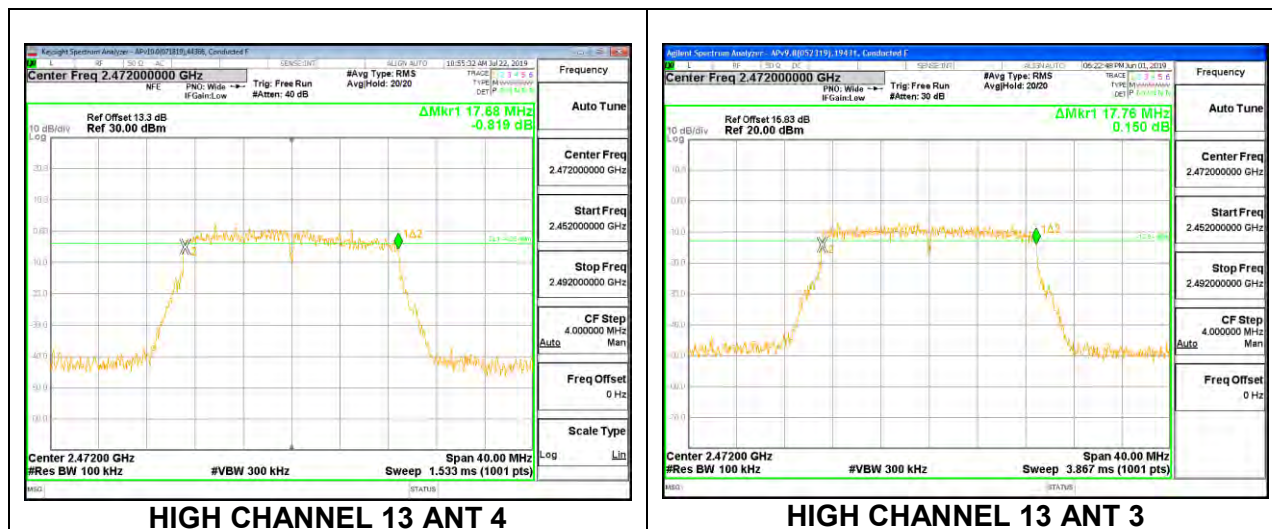




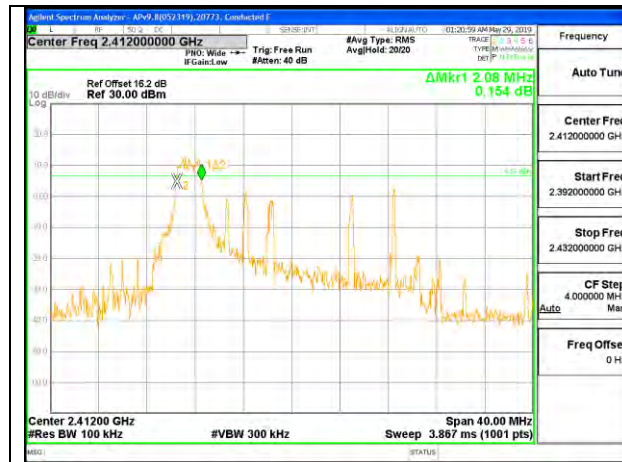




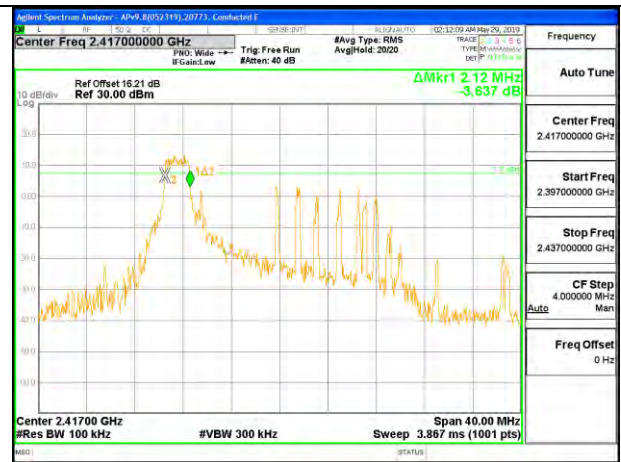
8.3.3. 802.11ax HE20 MODE

Antenna 4, LEGACY SISO MODE: 26-Tones, RU index 0

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.0800	0.5
Low 2	2417	2.1200	0.5
Low 3	2422	2.1200	0.5
Mid 6	2437	2.1600	0.5
High 9	2452	2.1200	0.5
High 10	2457	2.0800	0.5
High 11	2462	2.1200	0.5
High 12	2467	2.0800	0.5
High 13	2472	2.1200	0.5



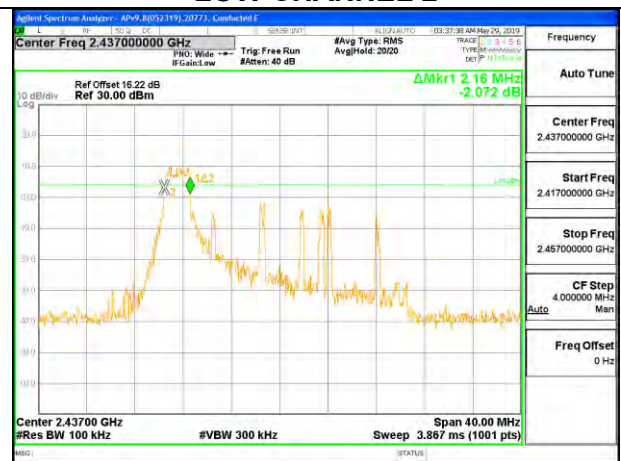
LOW CHANNEL 1



LOW CHANNEL 2



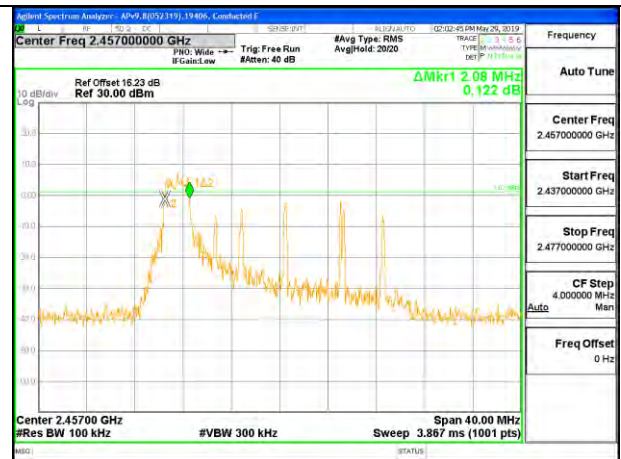
LOW CHANNEL 3



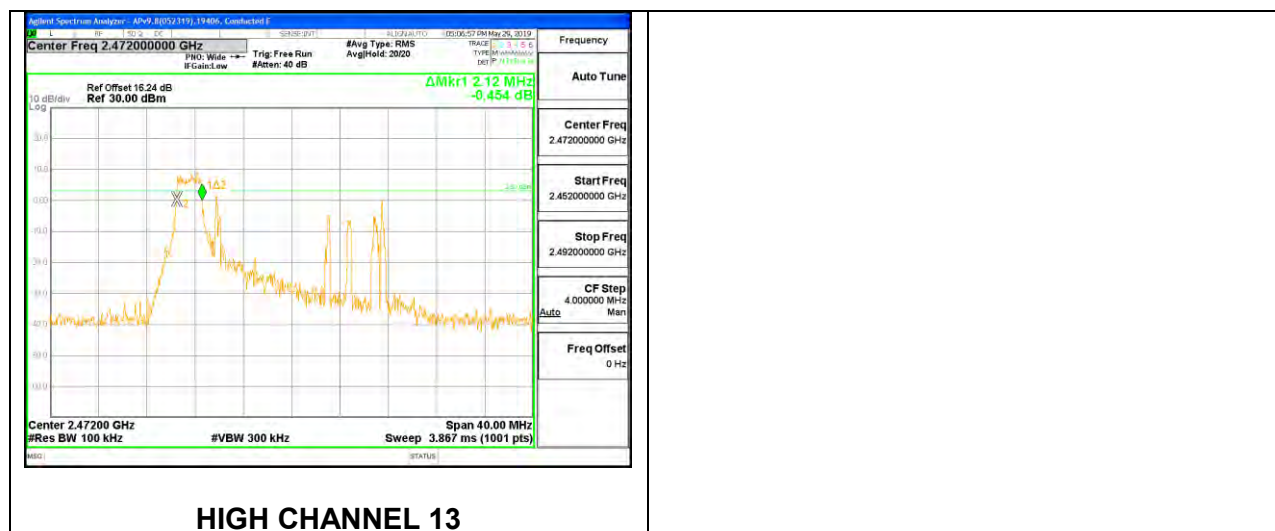
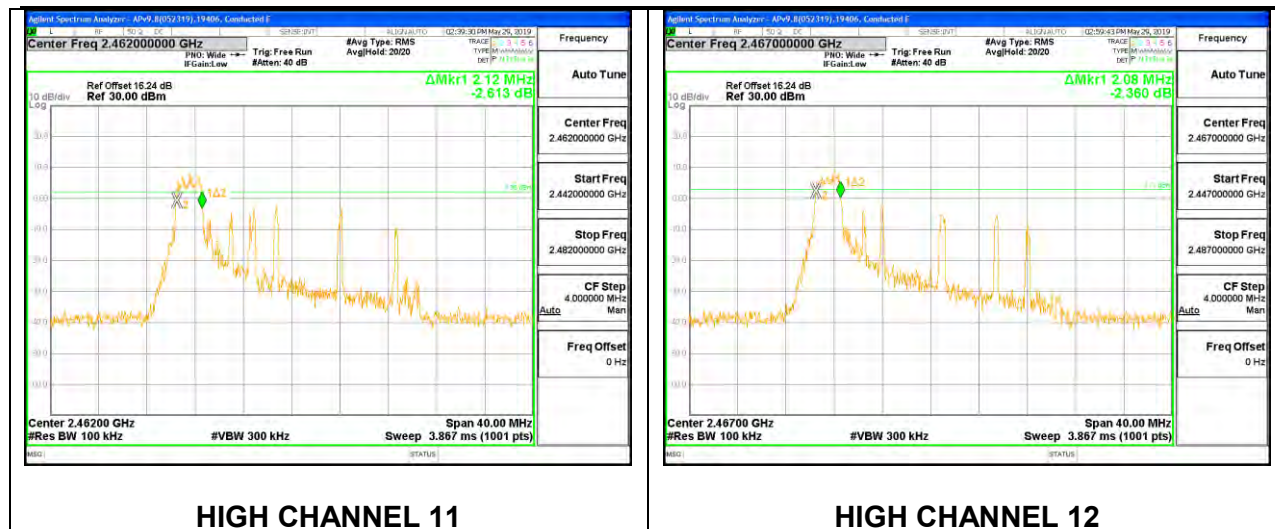
MID CHANNEL 6



HIGH CHANNEL 9

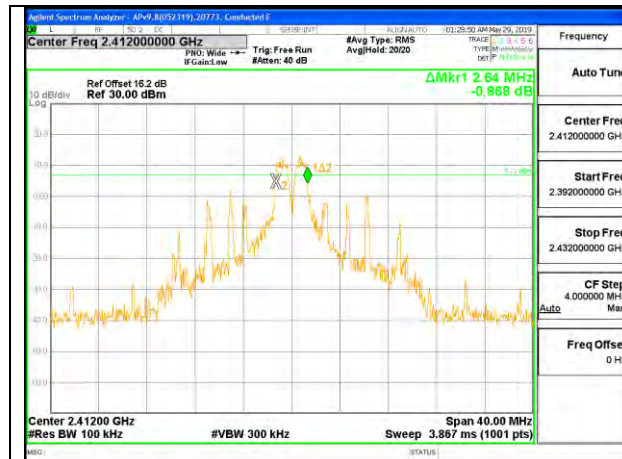


HIGH CHANNEL 10

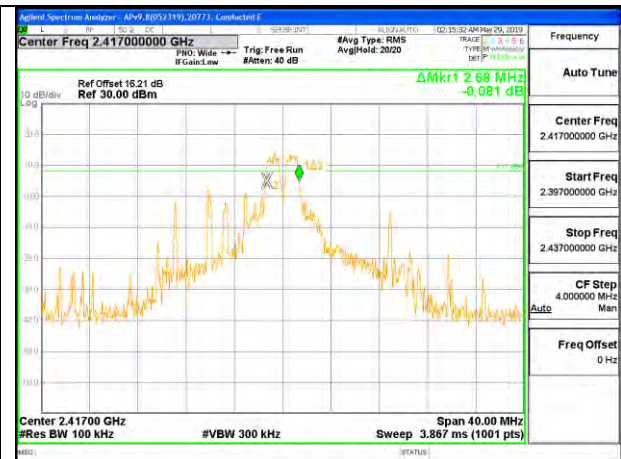


Antenna 4, LEGACY SISO MODE: 26-Tones, RU index 4

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.6400	0.5
Low 2	2417	2.6800	0.5
Low 3	2422	2.6800	0.5
Mid 6	2437	2.6400	0.5
High 9	2452	2.6800	0.5
High 10	2457	2.6400	0.5
High 11	2462	2.6800	0.5
High 12	2467	2.6400	0.5
High 13	2472	2.6400	0.5



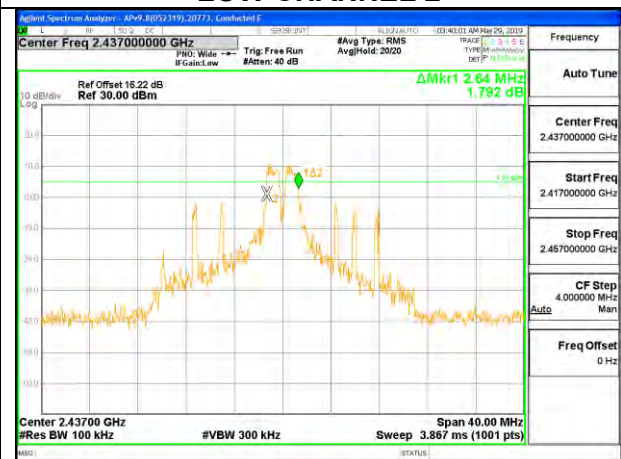
LOW CHANNEL 1



LOW CHANNEL 2



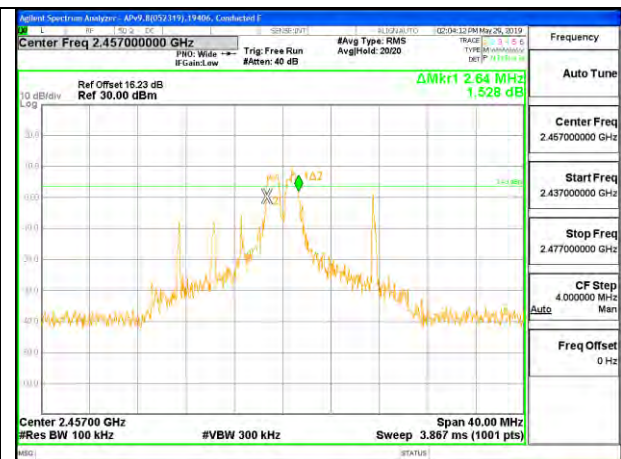
LOW CHANNEL 3



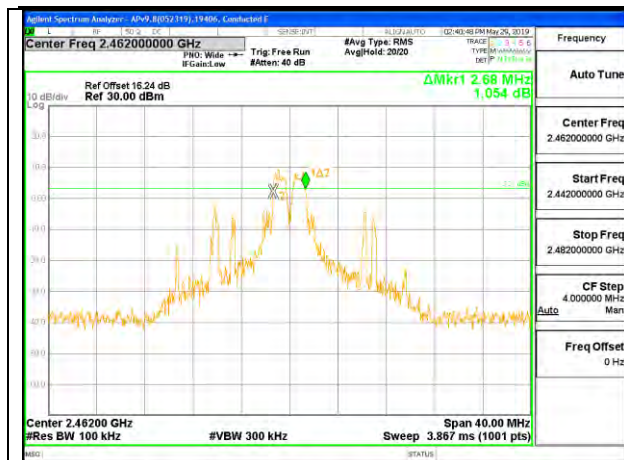
MID CHANNEL 6



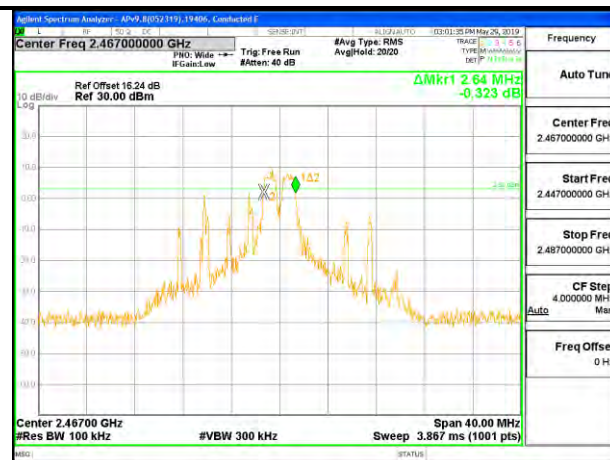
HIGH CHANNEL 9



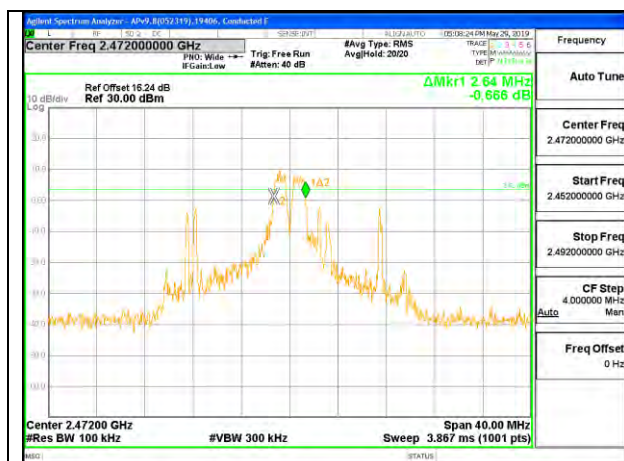
HIGH CHANNEL 10



HIGH CHANNEL 11



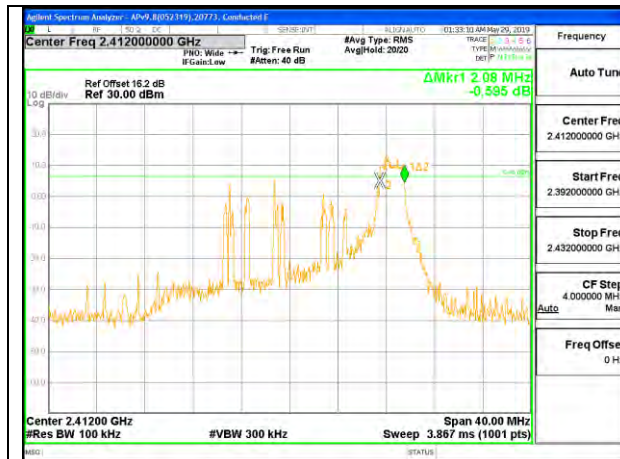
HIGH CHANNEL 12



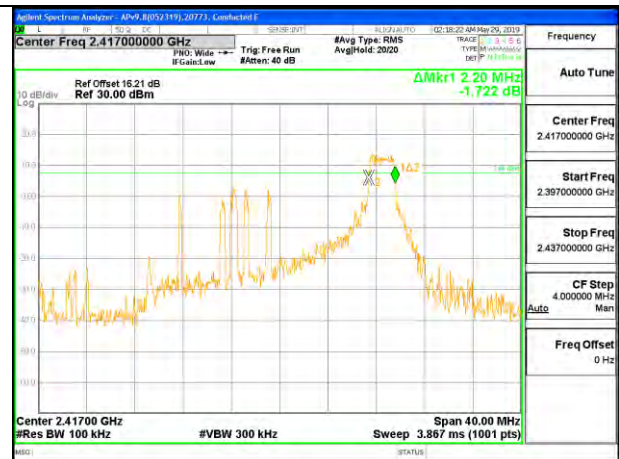
HIGH CHANNEL 13

Antenna 4, LEGACY SISO MODE: 26-Tones, RU index 8

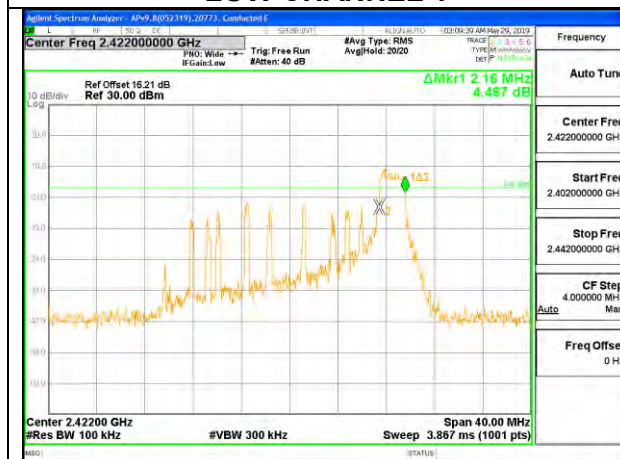
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.0800	0.5
Low 2	2417	2.2000	0.5
Low 3	2422	2.1600	0.5
Mid 6	2437	2.1600	0.5
High 9	2452	2.1200	0.5
High 10	2457	2.0800	0.5
High 11	2462	2.1200	0.5
High 12	2467	2.0800	0.5
High 13	2472	2.1600	0.5



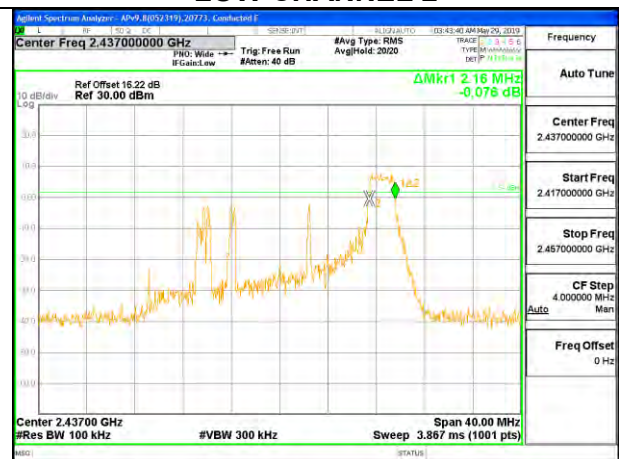
LOW CHANNEL 1



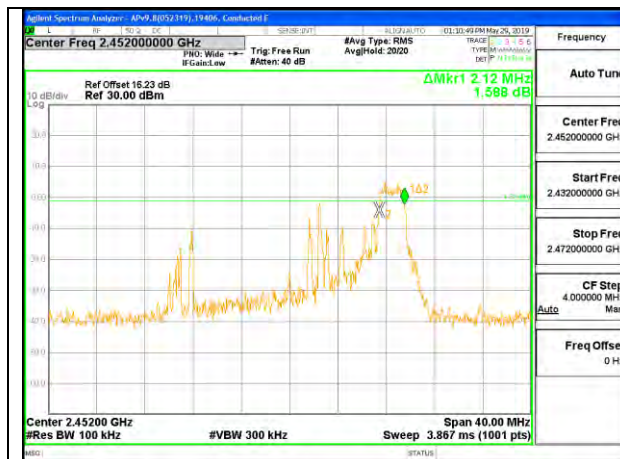
LOW CHANNEL 2



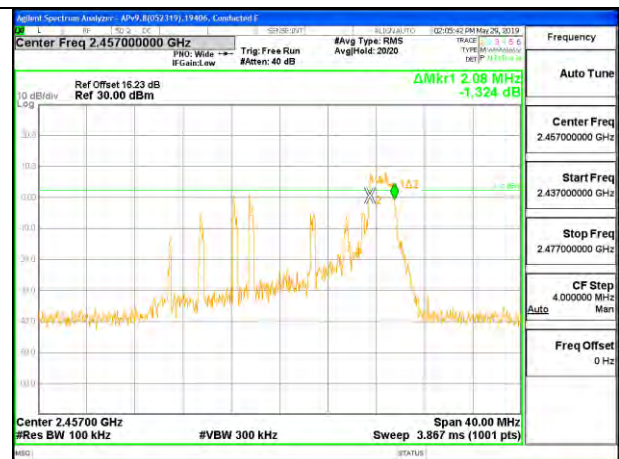
LOW CHANNEL 3



MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10



Antenna 4, LEGACY SISO MODE: 242-Tones, RU index 61

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	18.0800	0.5
Low 2	2417	18.8400	0.5
Low 3	2422	18.4400	0.5
Mid 6	2437	18.9200	0.5
High 9	2452	18.2800	0.5
High 10	2457	17.9600	0.5
High 11	2462	18.1600	0.5
High 12	2467	18.1200	0.5
High 13	2472	18.4400	0.5



LOW CHANNEL 1



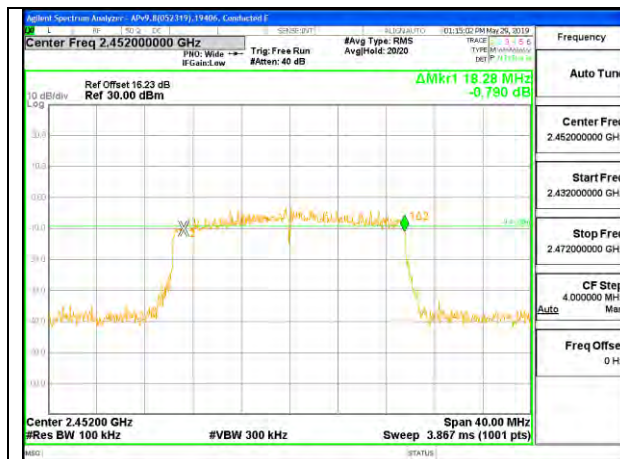
LOW CHANNEL 2



LOW CHANNEL 3



MID CHANNEL 6



HIGH CHANNEL 9



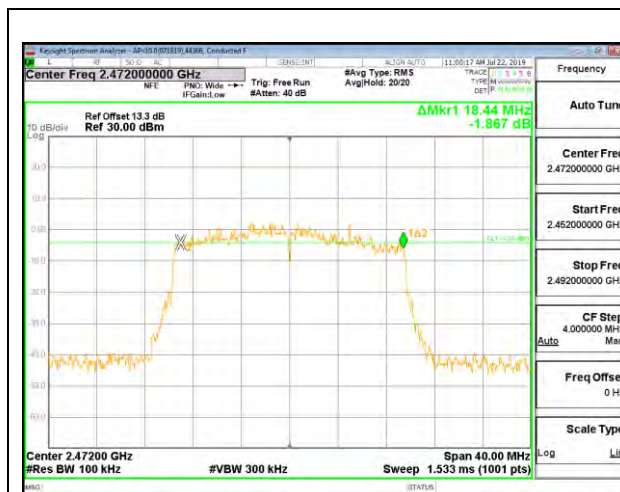
HIGH CHANNEL 10



HIGH CHANNEL 11



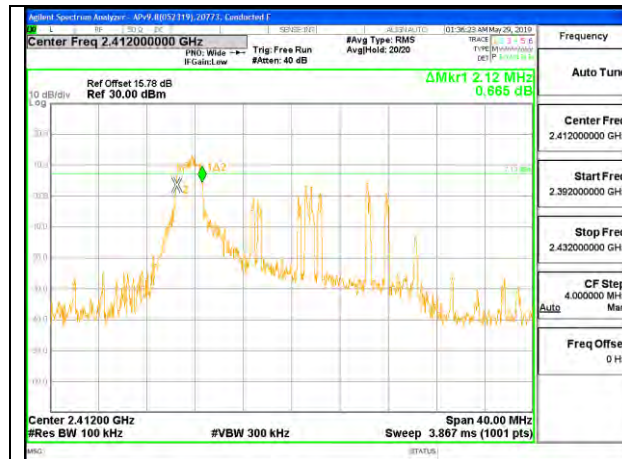
HIGH CHANNEL 12



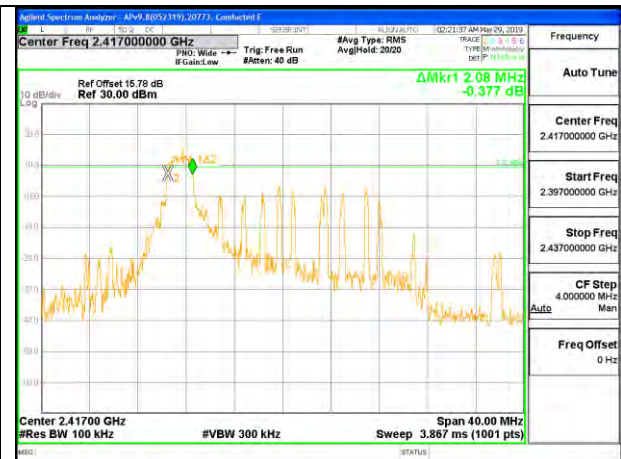
HIGH CHANNEL 13

Antenna 3, LEGACY SISO MODE: 26-Tones, RU index 0

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.1200	0.5
Low 2	2417	2.0800	0.5
Low 3	2422	2.2000	0.5
Mid 6	2437	2.0400	0.5
High 9	2452	2.1200	0.5
High 10	2457	2.1600	0.5
High 11	2462	2.2400	0.5
High 12	2467	2.1600	0.5
High 13	2472	2.1600	0.5



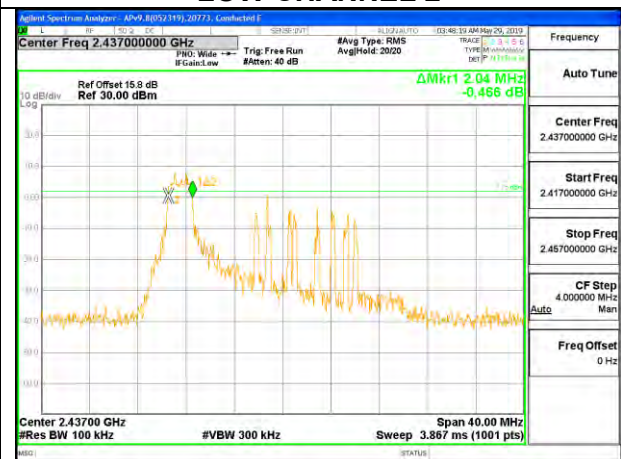
LOW CHANNEL 1



LOW CHANNEL 2



LOW CHANNEL 3



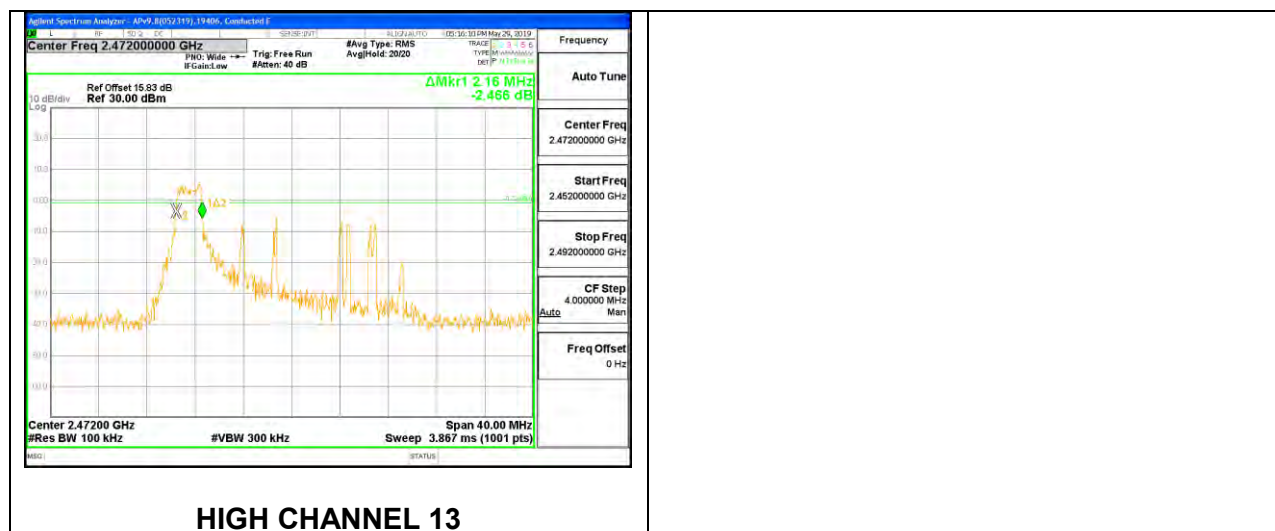
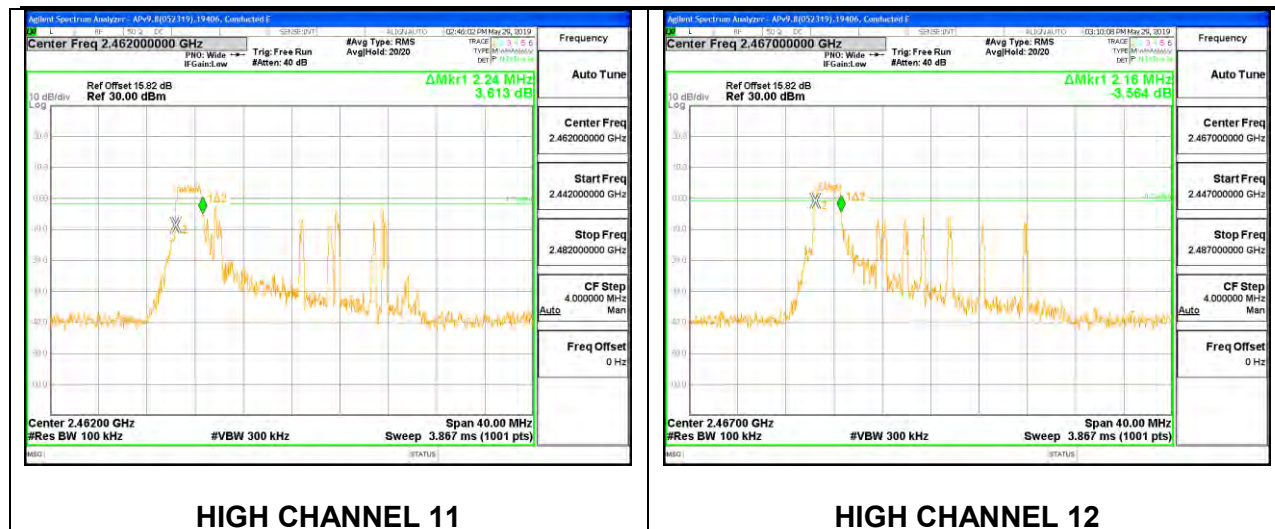
MID CHANNEL 6



HIGH CHANNEL 9

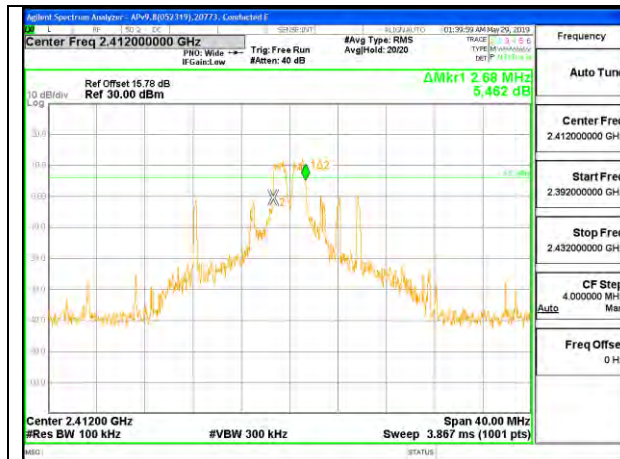


HIGH CHANNEL 10

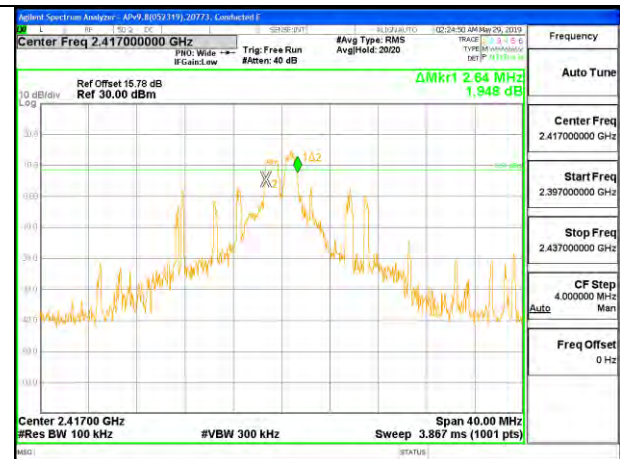


Antenna 3, LEGACY SISO MODE: 26-Tones, RU index 4

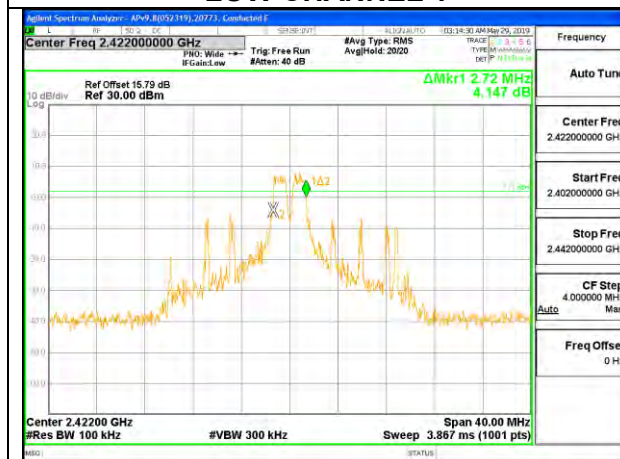
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.6800	0.5
Low 2	2417	2.6400	0.5
Low 3	2422	2.7200	0.5
Mid 6	2437	2.6400	0.5
High 9	2452	2.6800	0.5
High 10	2457	2.7600	0.5
High 11	2462	2.6000	0.5
High 12	2467	2.6400	0.5
High 13	2472	2.7200	0.5



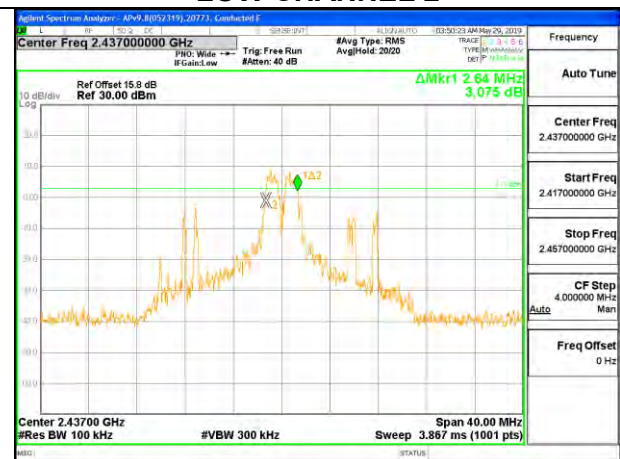
LOW CHANNEL 1



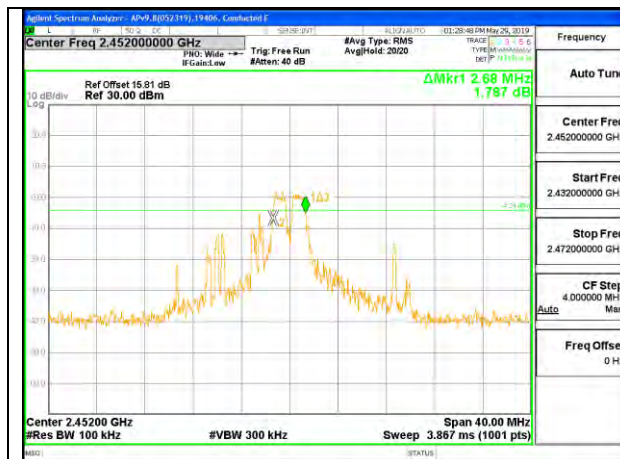
LOW CHANNEL 2



LOW CHANNEL 3



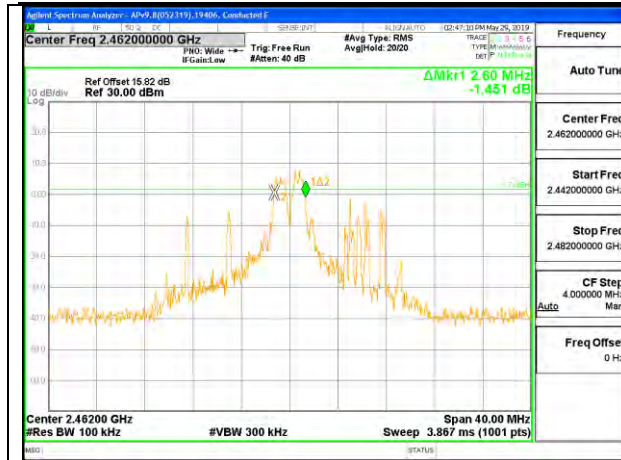
MID CHANNEL 6



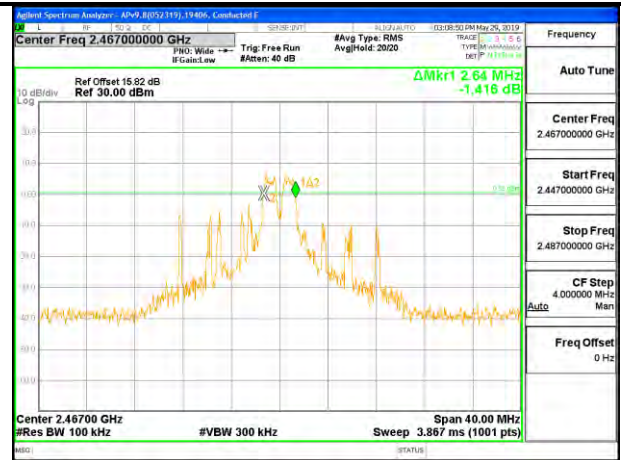
HIGH CHANNEL 9



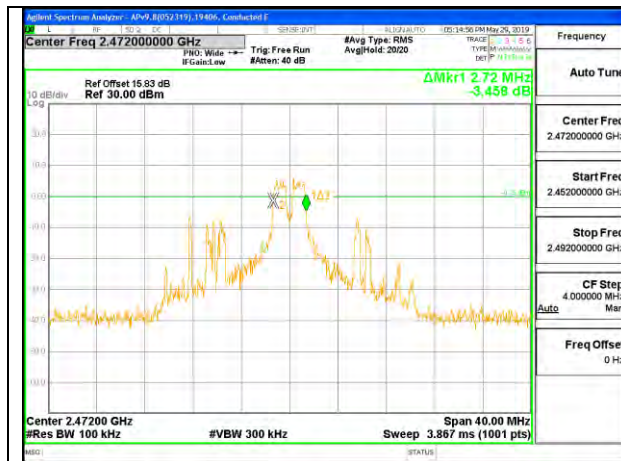
HIGH CHANNEL 10



HIGH CHANNEL 11



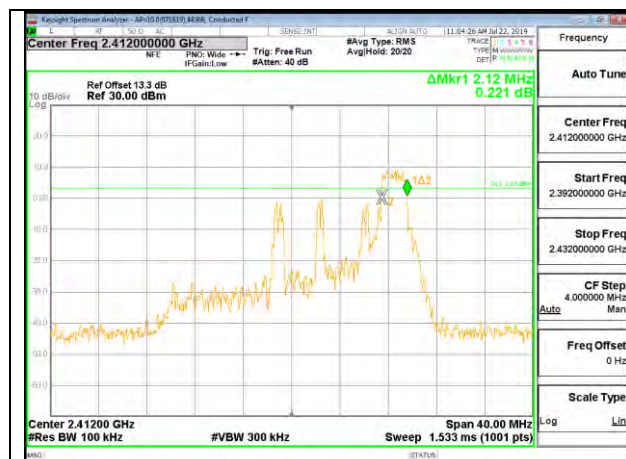
HIGH CHANNEL 12



HIGH CHANNEL 13

Antenna 3, LEGACY SISO MODE: 26-Tones, RU index 8

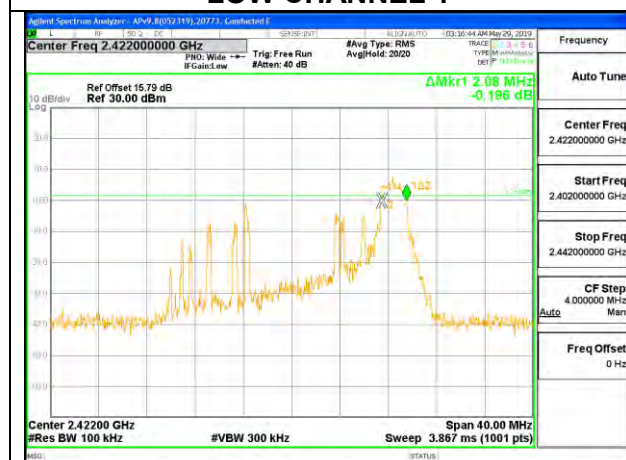
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.1200	0.5
Low 2	2417	2.1600	0.5
Low 3	2422	2.0800	0.5
Mid 6	2437	2.1200	0.5
High 9	2452	2.1200	0.5
High 10	2457	2.1200	0.5
High 11	2462	2.0800	0.5
High 12	2467	2.1600	0.5
High 13	2472	2.1200	0.5



LOW CHANNEL 1



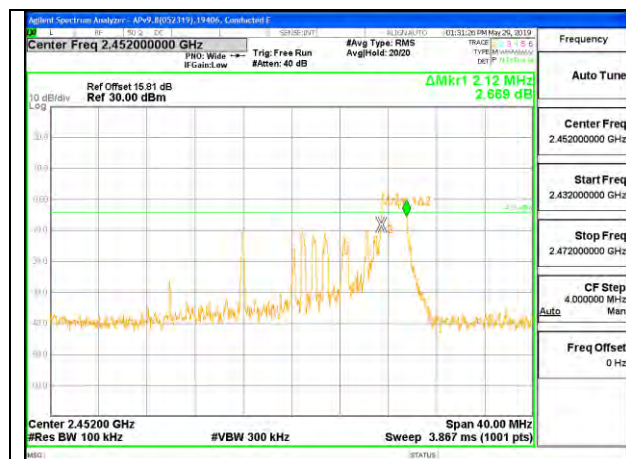
LOW CHANNEL 2



LOW CHANNEL 3



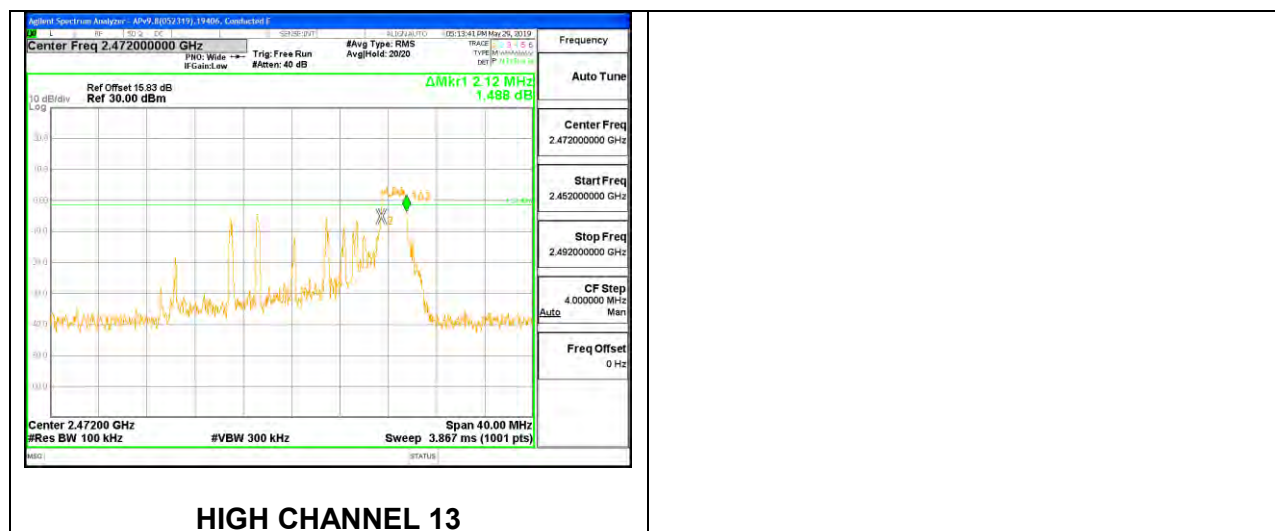
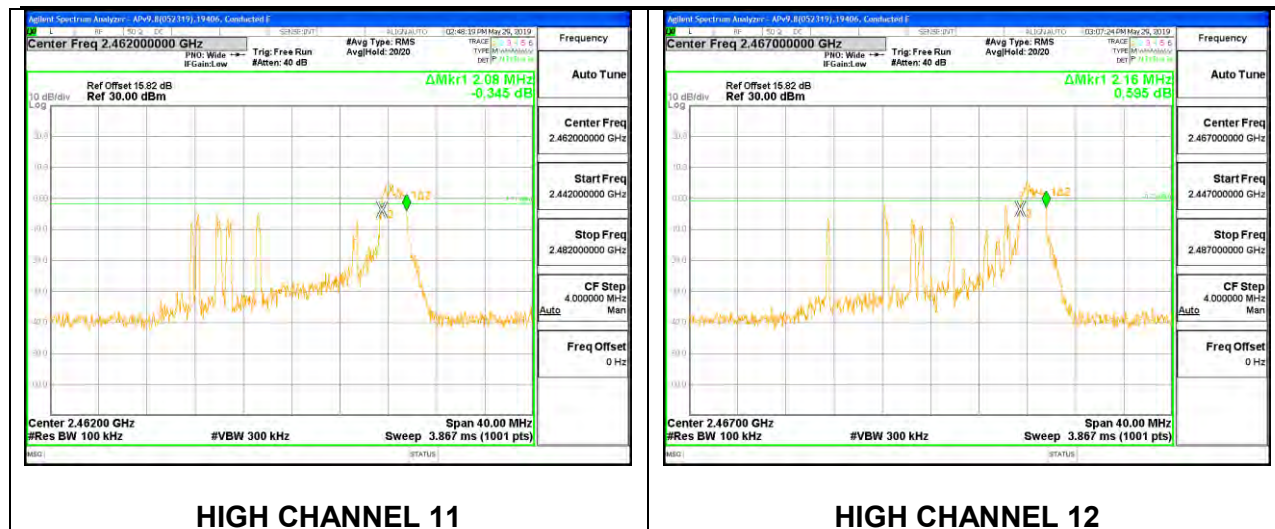
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10



Antenna 3, LEGACY SISO MODE: 242-Tones, RU index 61

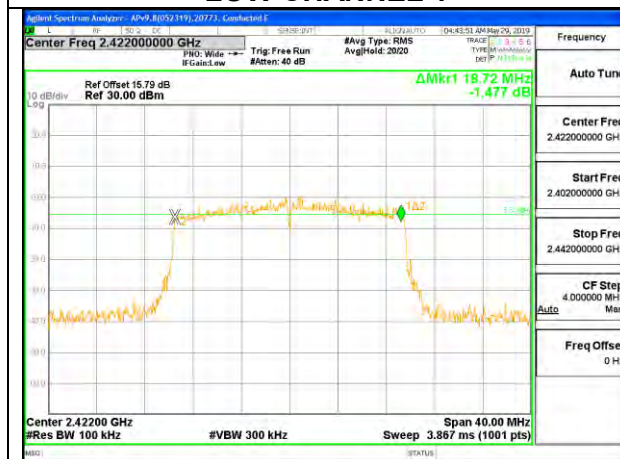
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	18.8800	0.5
Low 2	2417	18.7600	0.5
Low 3	2422	18.7200	0.5
Mid 6	2437	18.9600	0.5
High 9	2452	18.2000	0.5
High 10	2457	17.6400	0.5
High 11	2462	18.5600	0.5
High 12	2467	18.6800	0.5
High 13	2472	19.0000	0.5



LOW CHANNEL 1



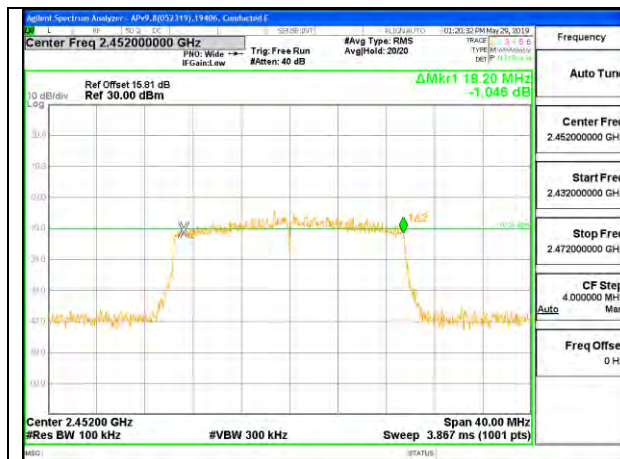
LOW CHANNEL 2



LOW CHANNEL 3



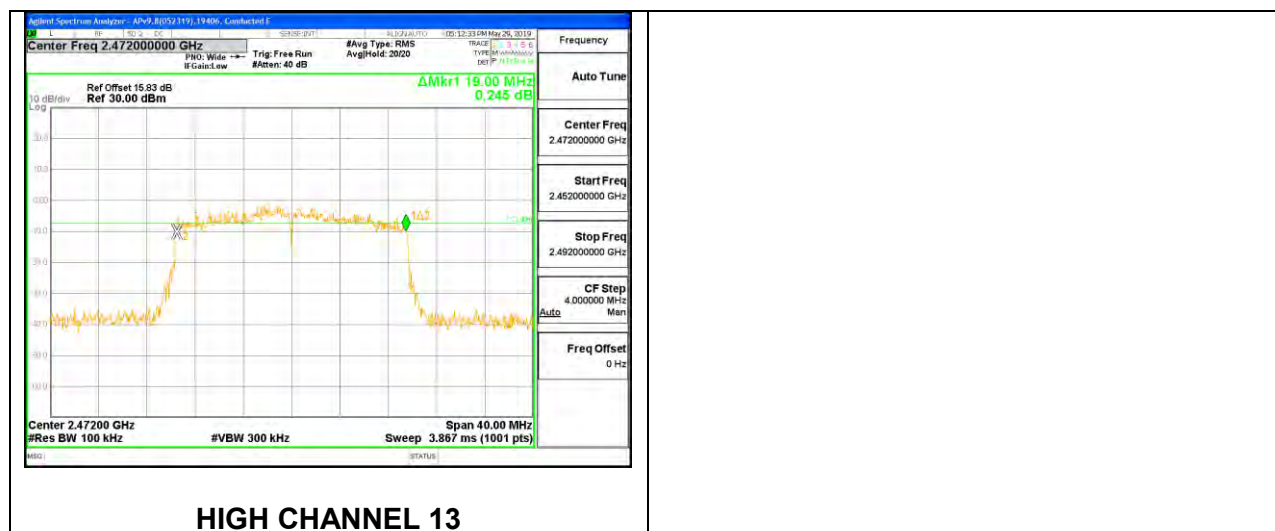
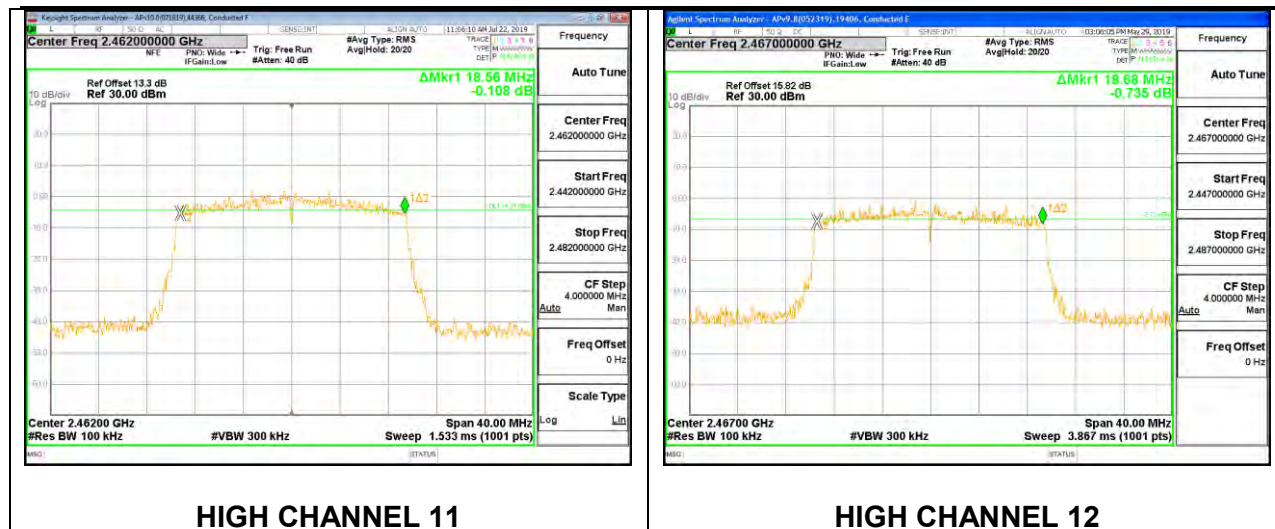
MID CHANNEL 6



HIGH CHANNEL 9



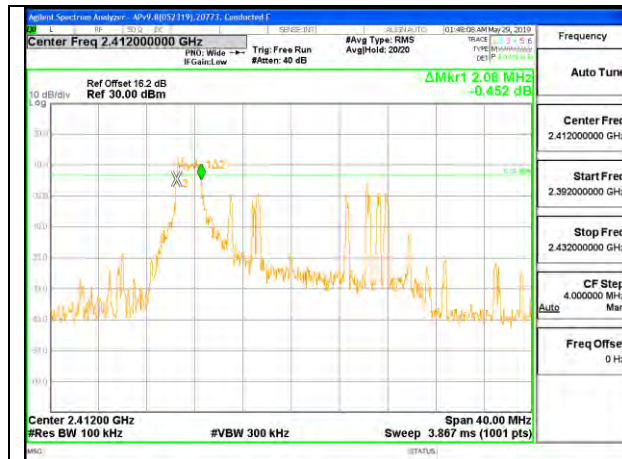
HIGH CHANNEL 10



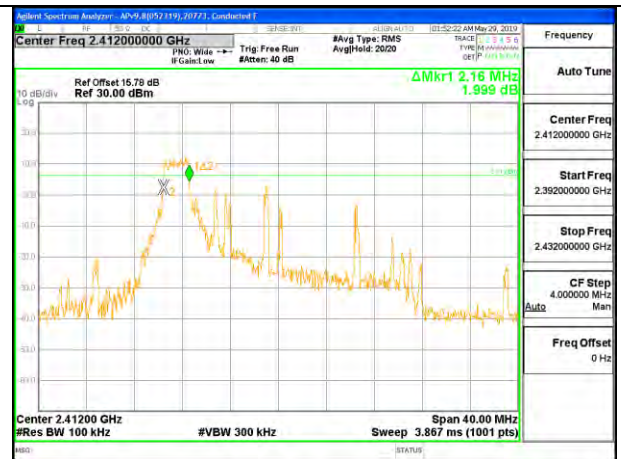
8.3.4. 802.11ax HE20 OFDMA MODE 2TX

Antenna 4 + Antenna 3 2TX MODE: 26-Tones, RU Index 0

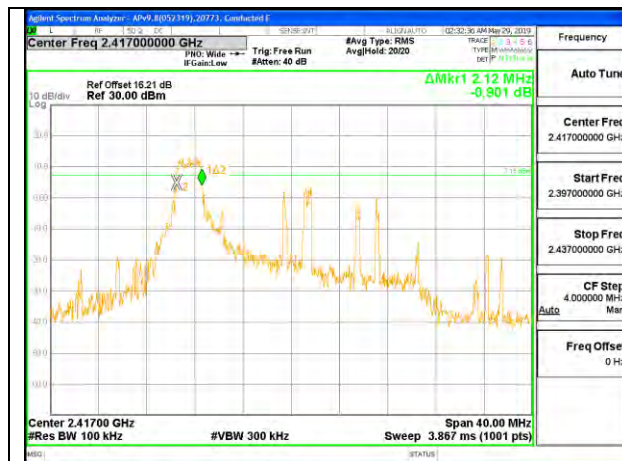
Channel	Frequency (MHz)	6dB Bandwidth Ant 4 (MHz)	6dB Bandwidth Ant 3 (MHz)	Minimum Limit (MHz)
Low 1	2412	2.0800	2.1600	0.5
Low 2	2417	2.1200	2.1200	0.5
Low 3	2422	2.1600	2.1200	0.5
Low 4	2427	2.1200	2.1200	0.5
Mid 6	2437	2.1200	2.1200	0.5
High 9	2452	2.0400	2.1200	0.5
High 10	2457	2.1200	2.1200	0.5
High 11	2462	2.0800	2.1600	0.5
High 12	2467	2.0400	2.1600	0.5
High 13	2472	2.1200	2.1600	0.5



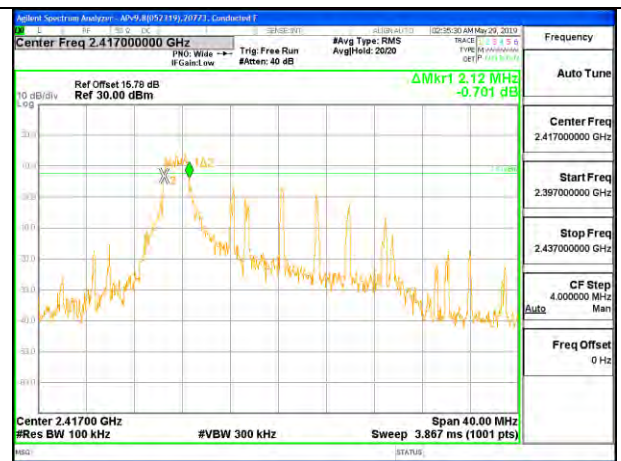
LOW CHANNEL 1 ANT 4



LOW CHANNEL 1 ANT 3



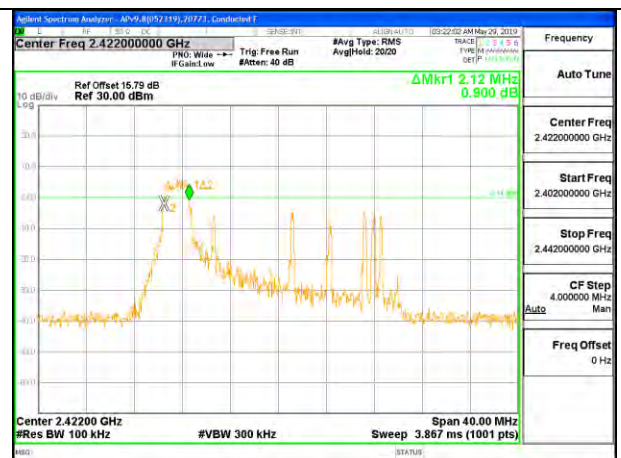
LOW CHANNEL 2 ANT 4



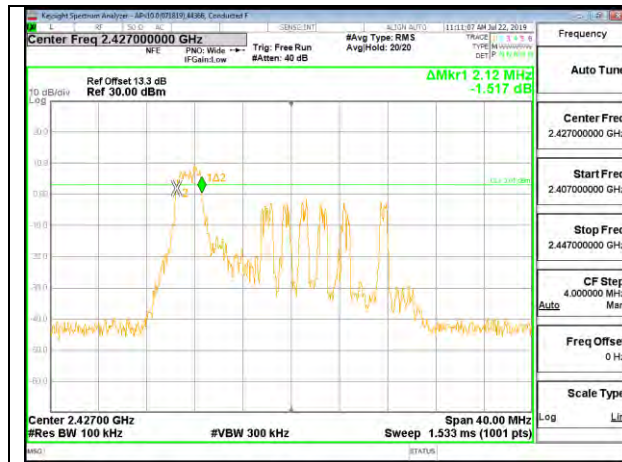
LOW CHANNEL 2 ANT 3



LOW CHANNEL 3 ANT 4



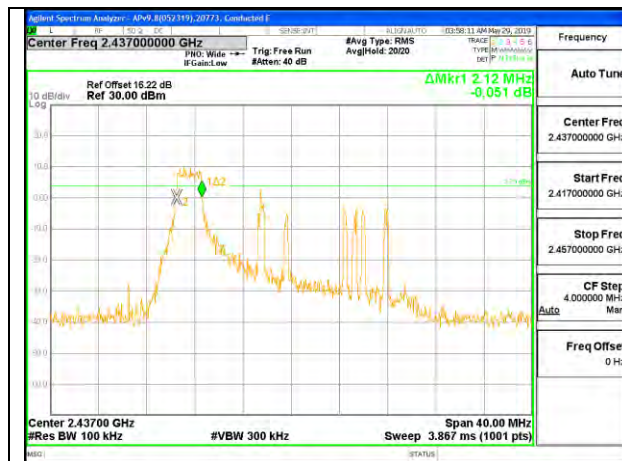
LOW CHANNEL 3 ANT 3



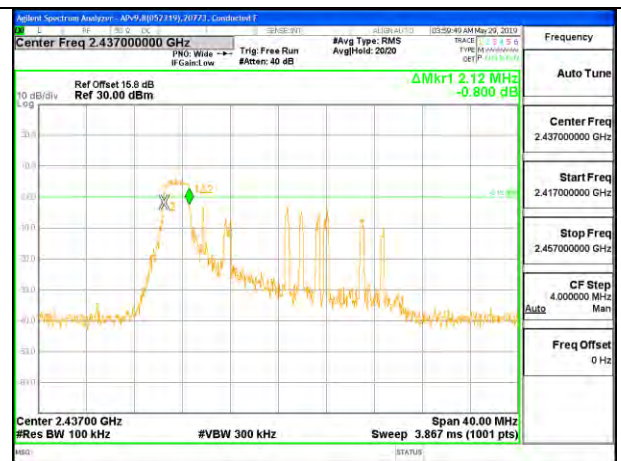
LOW CHANNEL 4 ANT 4



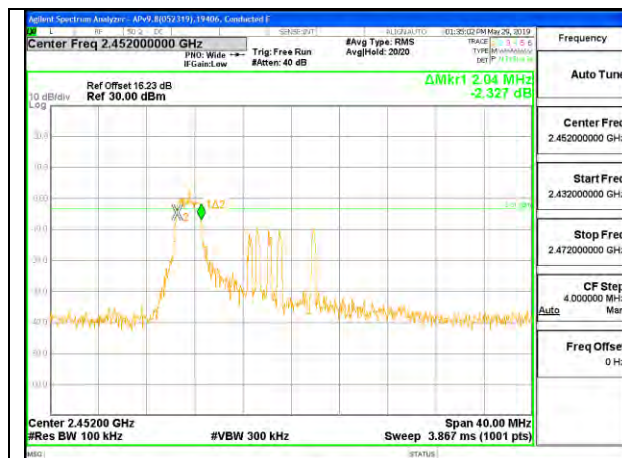
LOW CHANNEL 4 ANT 3



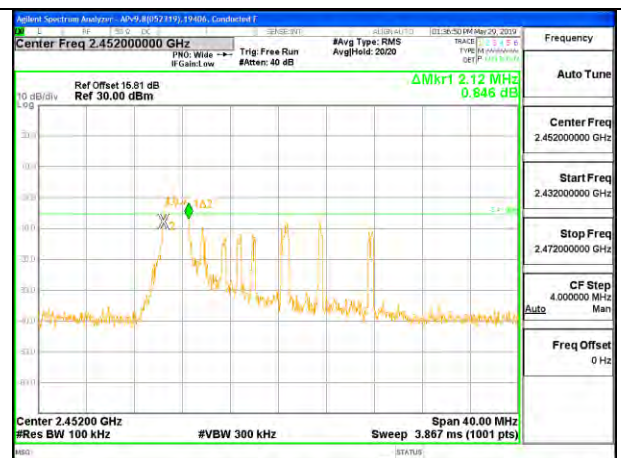
MID CHANNEL 6 ANT 4



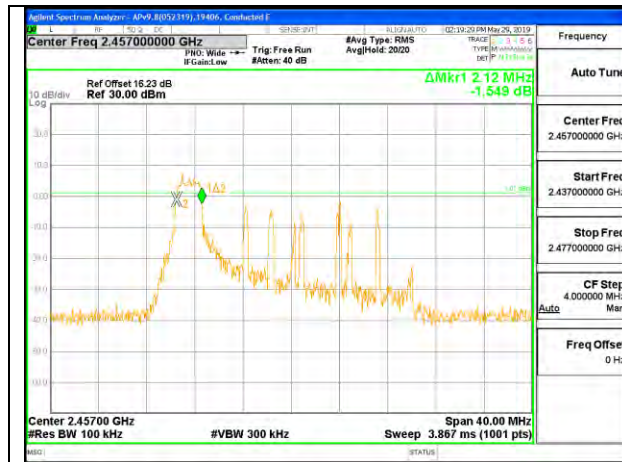
MID CHANNEL 6 ANT 3



HIGH CHANNEL 9 ANT 4



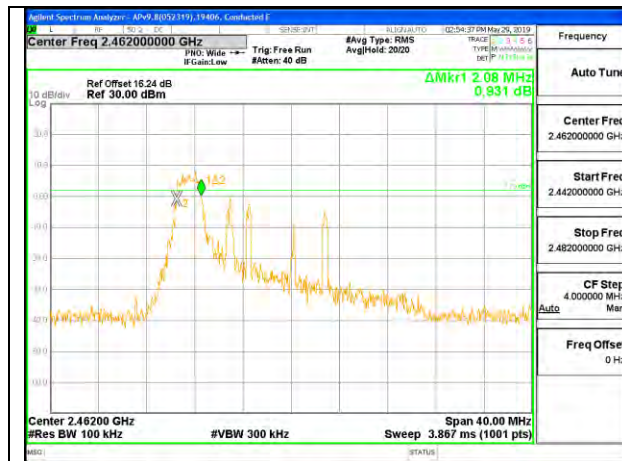
HIGH CHANNEL 9 ANT 3



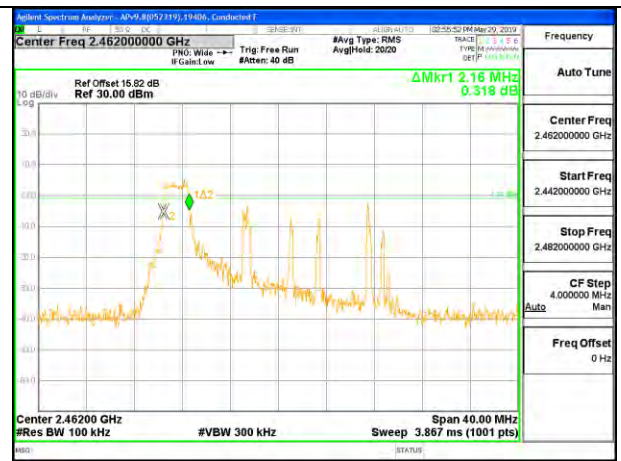
HIGH CHANNEL 10 ANT 4



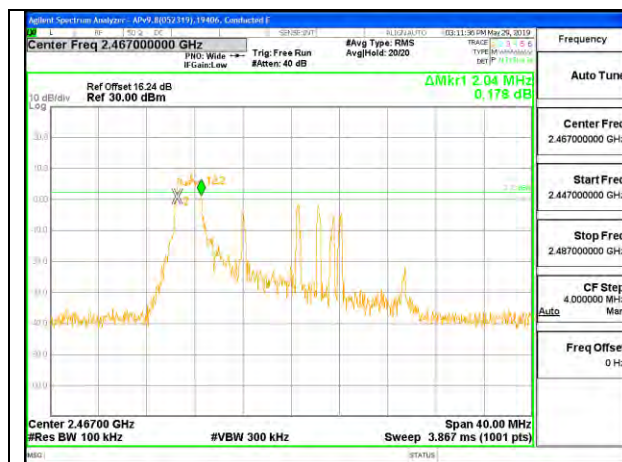
HIGH CHANNEL 10 ANT 3



HIGH CHANNEL 11 ANT 4



HIGH CHANNEL 11 ANT 3



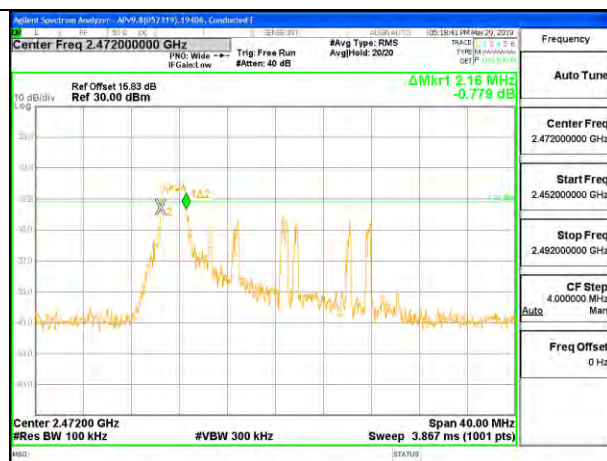
HIGH CHANNEL 12 ANT 4



HIGH CHANNEL 12 ANT 3



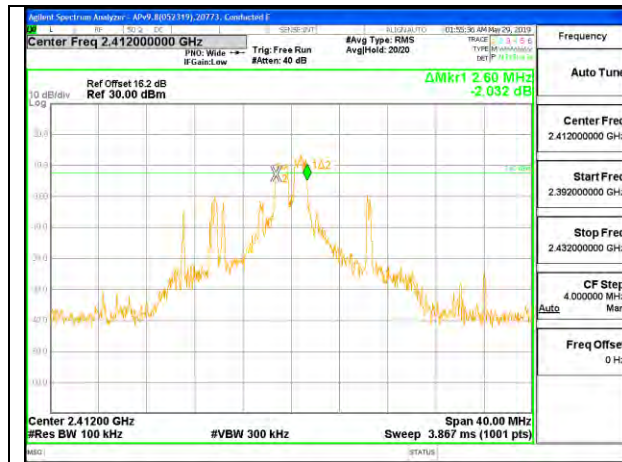
HIGH CHANNEL 13 ANT 4



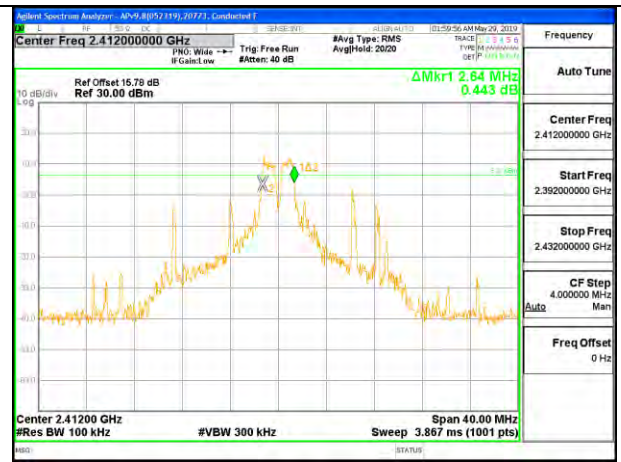
HIGH CHANNEL 13 ANT 3

Antenna 4 + Antenna 3 2TX MODE: 26-Tones, RU Index 4

Channel	Frequency (MHz)	6dB Bandwidth Ant 4 (MHz)	6dB Bandwidth Ant 3 (MHz)	Minimum Limit (MHz)
Low 1	2412	2.6000	2.6400	0.5
Low 2	2417	2.6400	2.7600	0.5
Low 3	2422	2.6800	2.7200	0.5
Low 4	2427	2.6800	2.6400	0.5
Mid 6	2437	2.6800	2.6800	0.5
High 9	2452	2.6400	2.6400	0.5
High 10	2457	2.6800	2.6800	0.5
High 11	2462	2.6800	2.6400	0.5
High 12	2467	2.6400	2.6800	0.5
High 13	2472	2.6400	2.7200	0.5



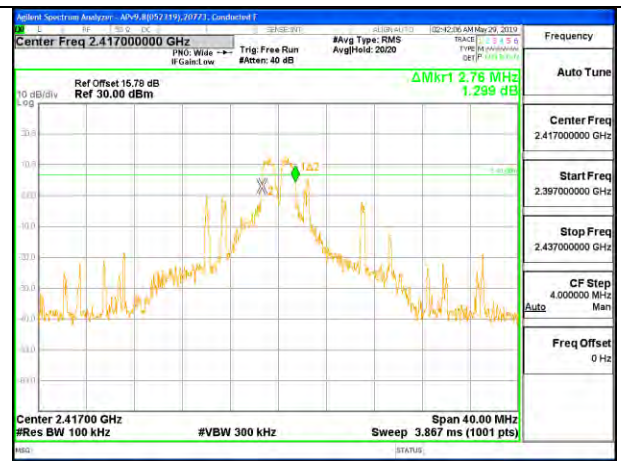
LOW CHANNEL 1 ANT 4



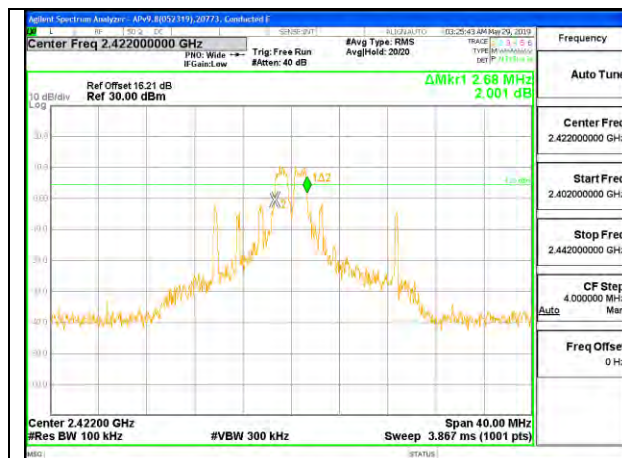
LOW CHANNEL 1 ANT 3



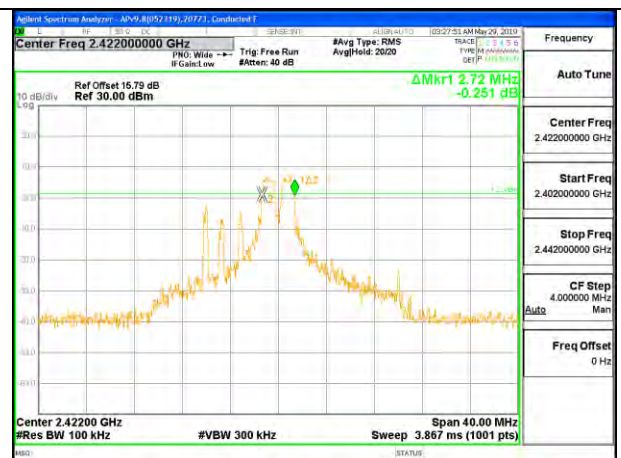
LOW CHANNEL 2 ANT 4



LOW CHANNEL 2 ANT 3



LOW CHANNEL 3 ANT 4



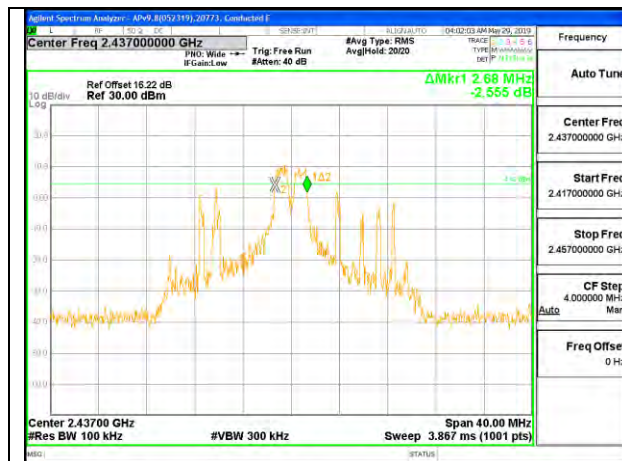
LOW CHANNEL 3 ANT 3



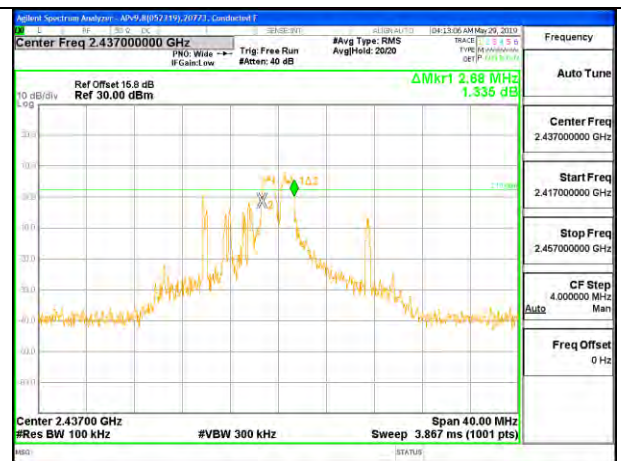
LOW CHANNEL 4 ANT 4



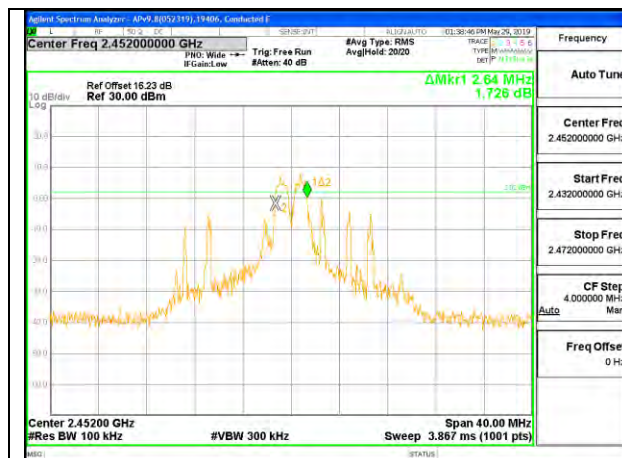
LOW CHANNEL 4 ANT 3



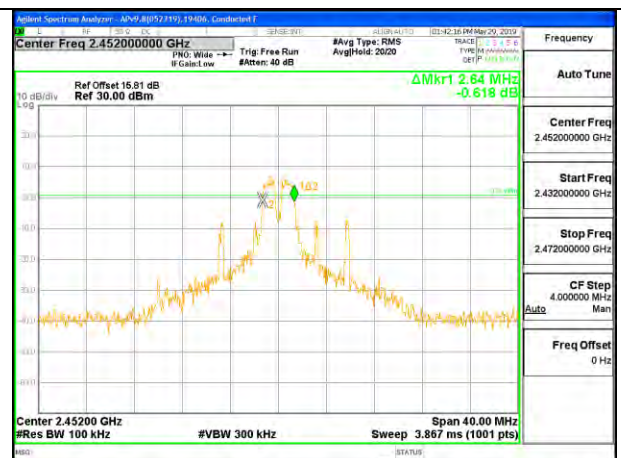
MID CHANNEL 6 ANT 4



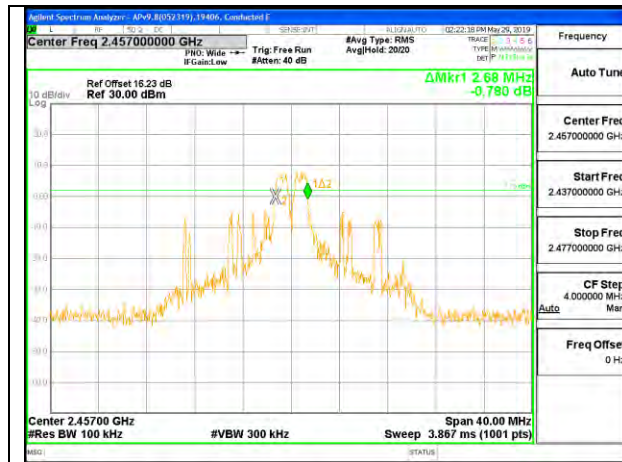
MID CHANNEL 6 ANT 3



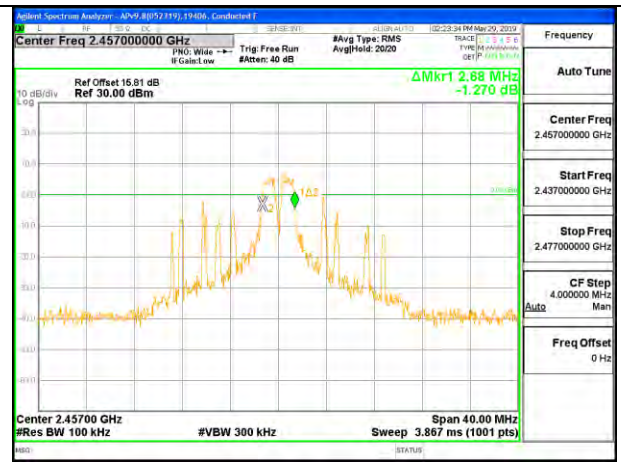
HIGH CHANNEL 9 ANT 4



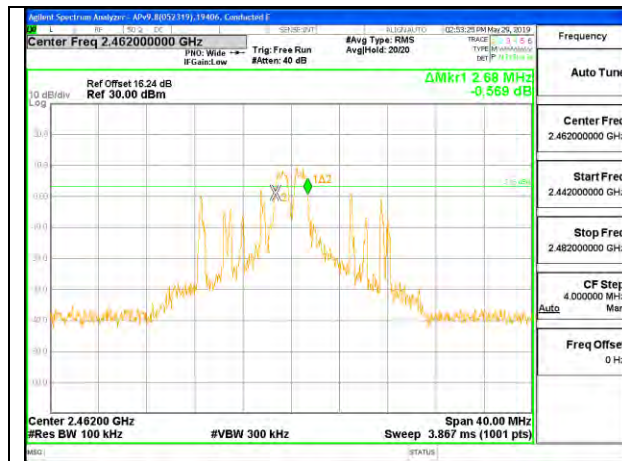
HIGH CHANNEL 9 ANT 3



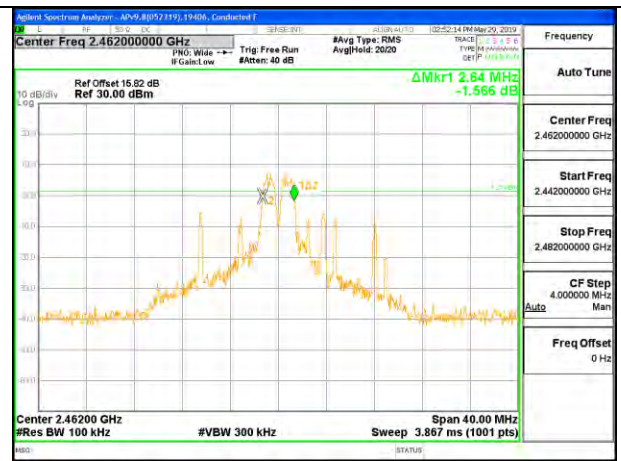
HIGH CHANNEL 10 ANT 4



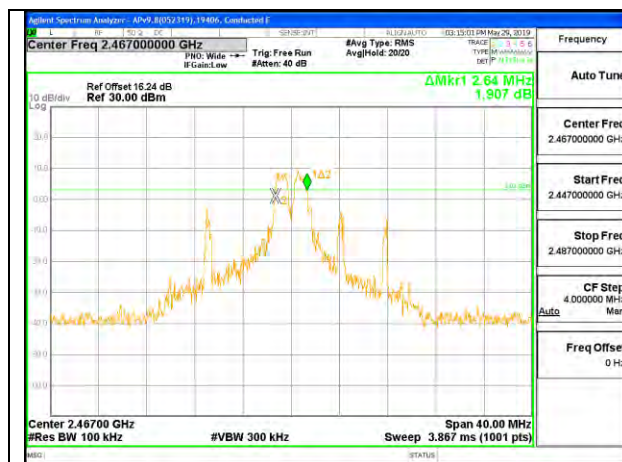
HIGH CHANNEL 10 ANT 3



HIGH CHANNEL 11 ANT 4



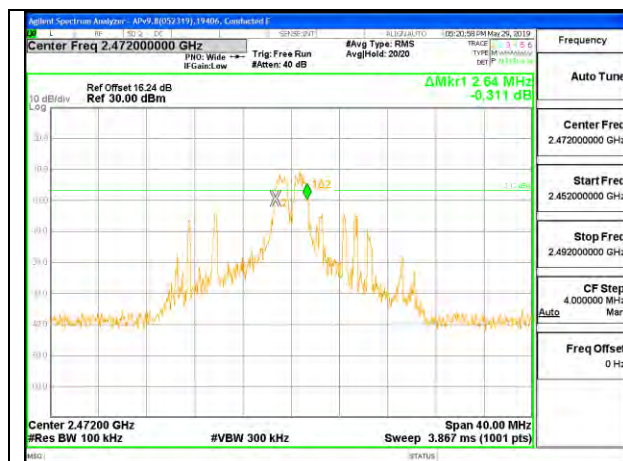
HIGH CHANNEL 11 ANT 3



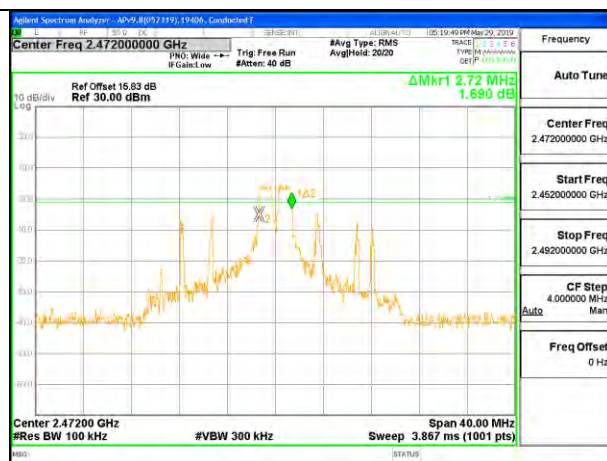
HIGH CHANNEL 12 ANT 4



HIGH CHANNEL 12 ANT 3



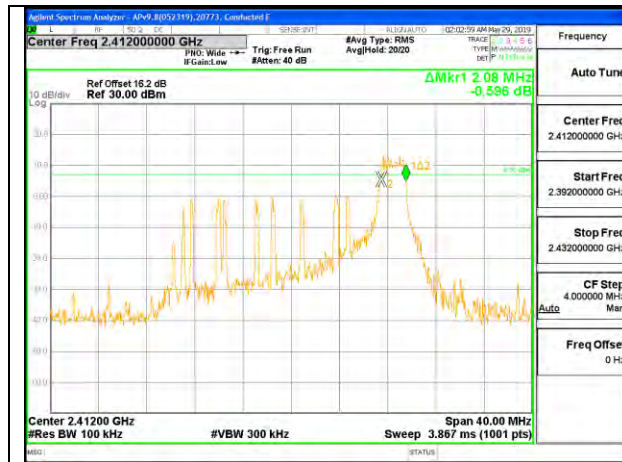
HIGH CHANNEL 13 ANT 4



HIGH CHANNEL 13 ANT 3

Antenna 4 + Antenna 3 2TX MODE: 26-Tones, RU Index 8

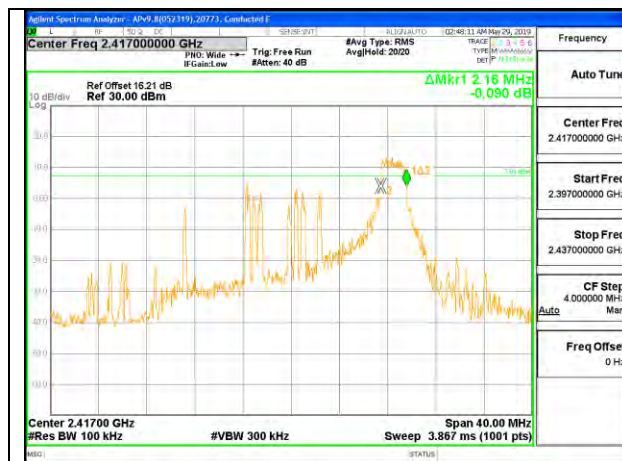
Channel	Frequency (MHz)	6dB Bandwidth Ant 4 (MHz)	6dB Bandwidth Ant 3 (MHz)	Minimum Limit (MHz)
Low 1	2412	2.0800	2.1200	0.5
Low 2	2417	2.1600	2.0800	0.5
Low 3	2422	2.0800	2.0800	0.5
Low 4	2427	2.0800	2.1200	0.5
Mid 6	2437	2.1200	2.0800	0.5
High 9	2452	2.1200	2.0800	0.5
High 10	2457	2.0800	2.1200	0.5
High 11	2462	2.1600	2.1200	0.5
High 12	2467	2.0800	2.1200	0.5
High 13	2472	2.0400	2.1200	0.5



LOW CHANNEL 1 ANT 4



LOW CHANNEL 1 ANT 3



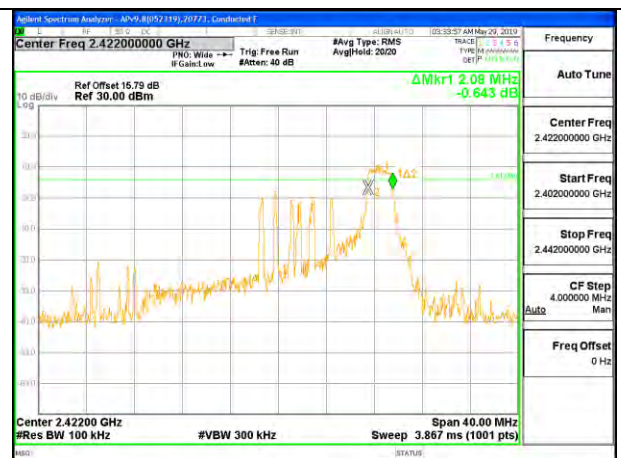
LOW CHANNEL 2 ANT 4



LOW CHANNEL 2 ANT 3



LOW CHANNEL 3 ANT 4



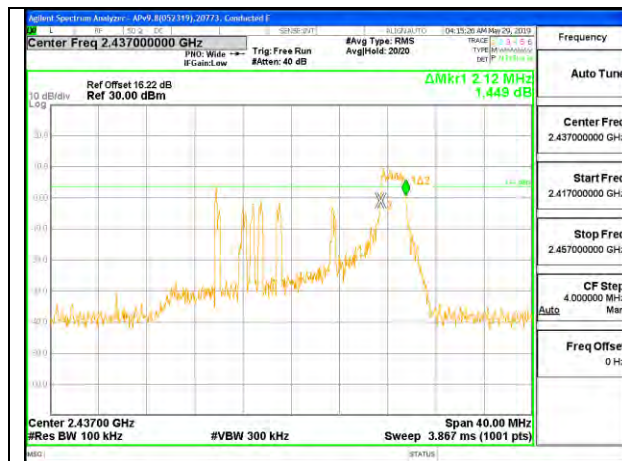
LOW CHANNEL 3 ANT 3



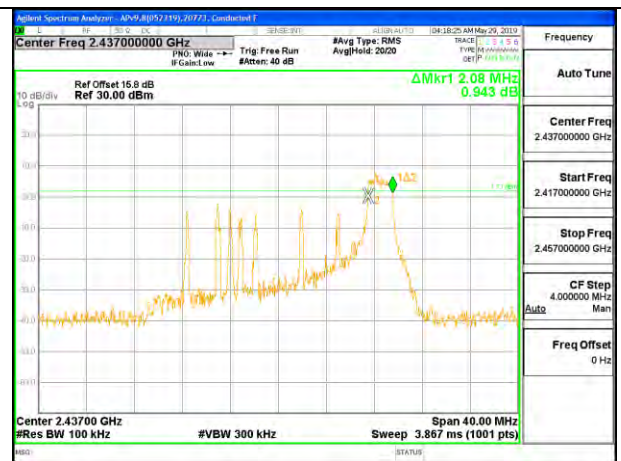
LOW CHANNEL 4 ANT 4



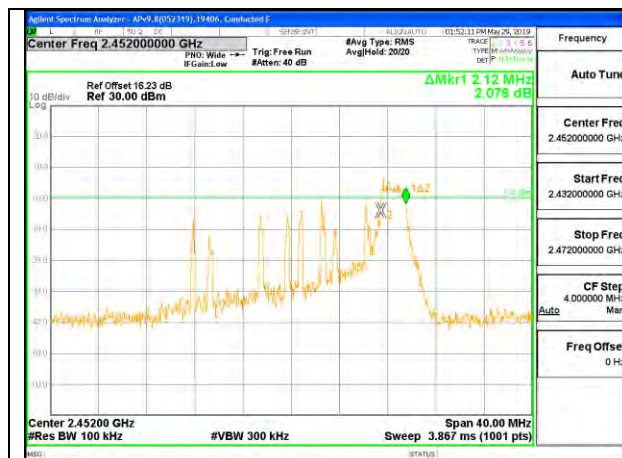
LOW CHANNEL 4 ANT 3



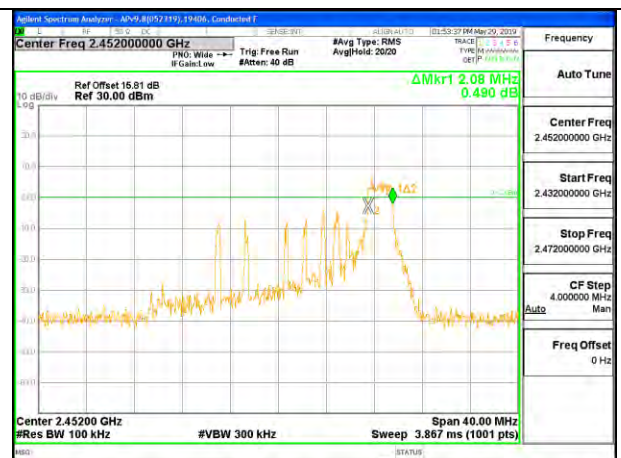
MID CHANNEL 6 ANT 4



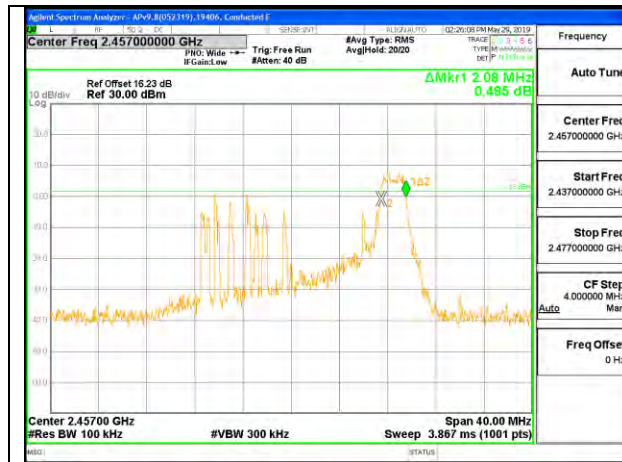
MID CHANNEL 6 ANT 3



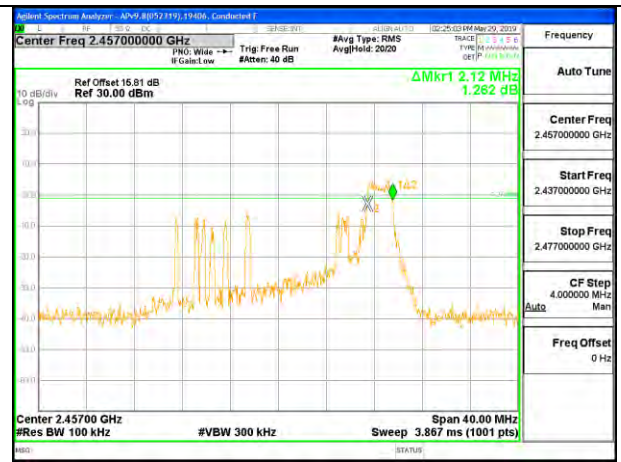
HIGH CHANNEL 9 ANT 4



HIGH CHANNEL 9 ANT 3



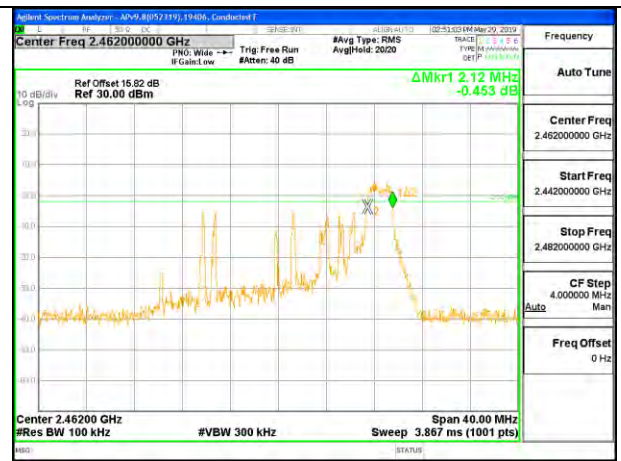
HIGH CHANNEL 10 ANT 4



HIGH CHANNEL 10 ANT 3



HIGH CHANNEL 11 ANT 4



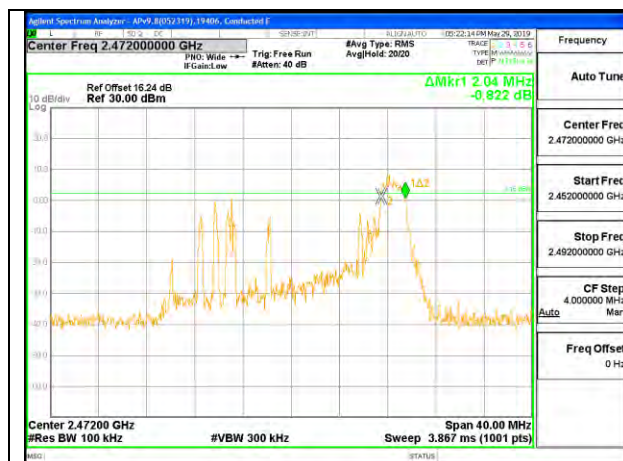
HIGH CHANNEL 11 ANT 3



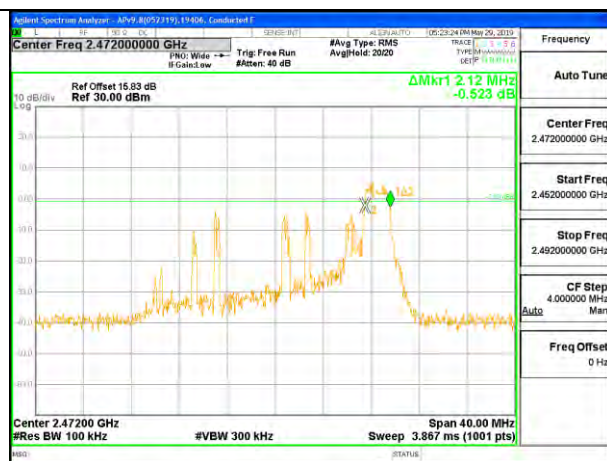
HIGH CHANNEL 12 ANT 4



HIGH CHANNEL 12 ANT 3



HIGH CHANNEL 13 ANT 4



HIGH CHANNEL 13 ANT 3

Antenna 4 + Antenna 3 2TX MODE: 242-Tones, RU Index 61

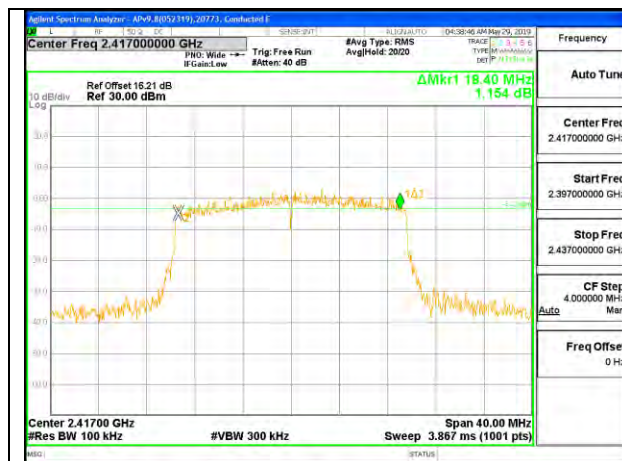
Channel	Frequency (MHz)	6dB Bandwidth Ant 4 (MHz)	6dB Bandwidth Ant 3 (MHz)	Minimum Limit (MHz)
Low 1	2412	18.3600	18.5600	0.5
Low 2	2417	18.4000	18.8400	0.5
Low 3	2422	18.4400	18.8400	0.5
Low 4	2427	18.4400	18.7600	0.5
Mid 6	2437	18.8000	19.0800	0.5
High 9	2452	18.9600	18.7200	0.5
High 10	2457	18.0000	18.4400	0.5
High 11	2462	17.9600	17.9600	0.5
High 12	2467	18.0000	18.4400	0.5
High 13	2472	17.8800	18.3200	0.5



LOW CHANNEL 1 ANT 4



LOW CHANNEL 1 ANT 3



LOW CHANNEL 2 ANT 4



LOW CHANNEL 2 ANT 3



LOW CHANNEL 3 ANT 4



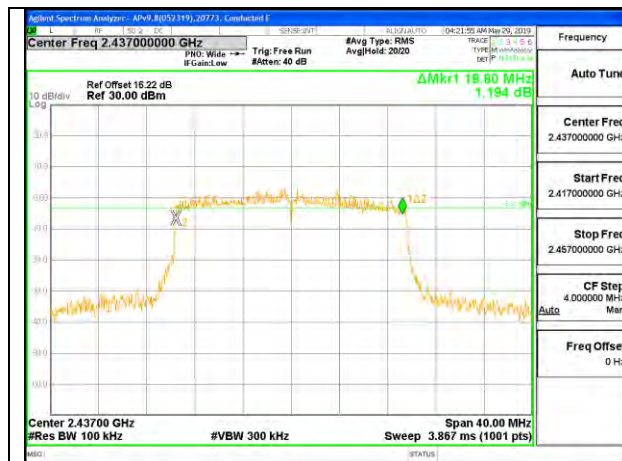
LOW CHANNEL 3 ANT 3



LOW CHANNEL 4 ANT 4



LOW CHANNEL 4 ANT 3



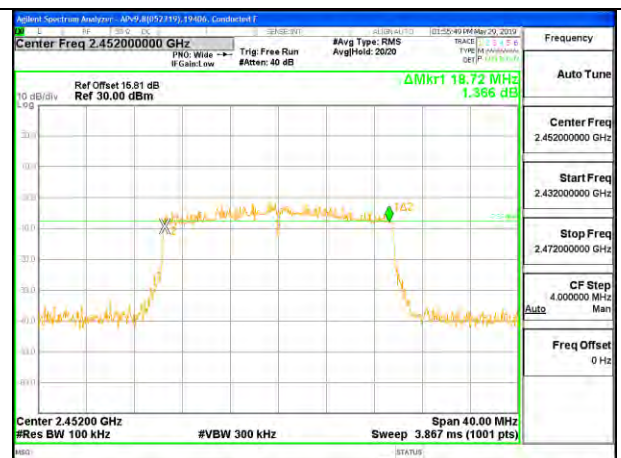
MID CHANNEL 6 ANT 4



MID CHANNEL 6 ANT 3



HIGH CHANNEL 9 ANT 4



HIGH CHANNEL 9 ANT 3



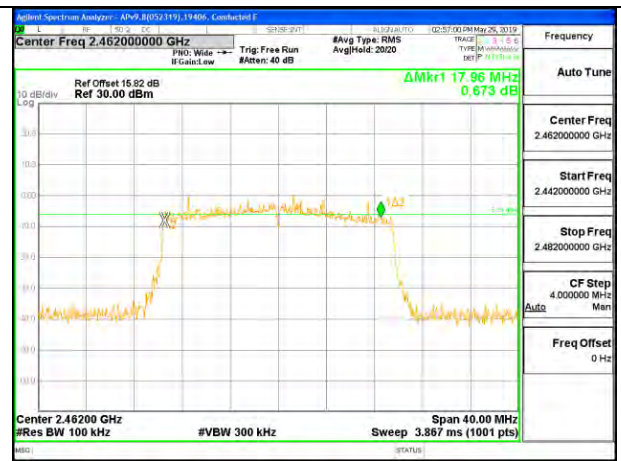
HIGH CHANNEL 10 ANT 4



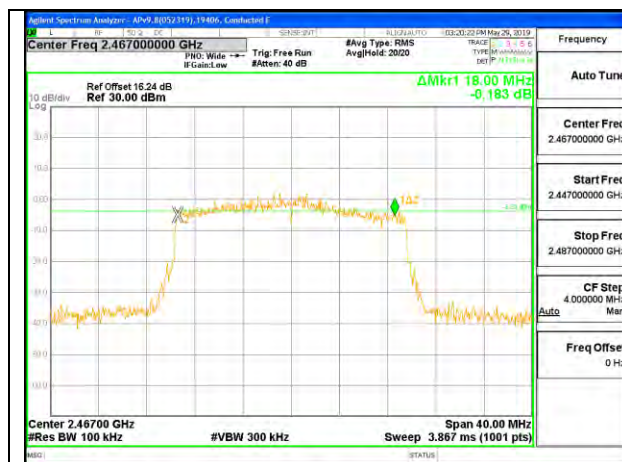
HIGH CHANNEL 10 ANT 3



HIGH CHANNEL 11 ANT 4



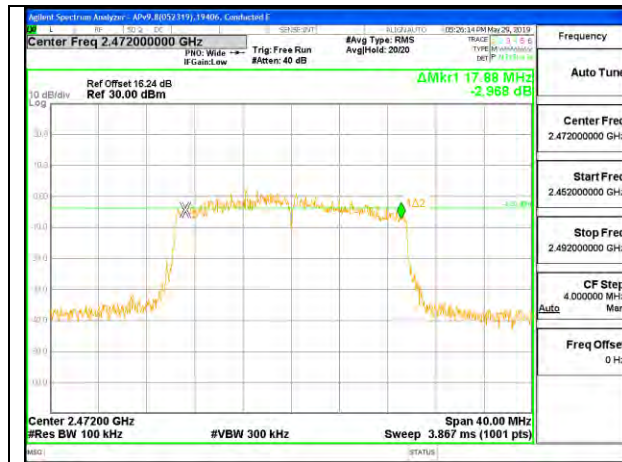
HIGH CHANNEL 11 ANT 3



HIGH CHANNEL 12 ANT 4



HIGH CHANNEL 12 ANT 3



HIGH CHANNEL 13 ANT 4



HIGH CHANNEL 13 ANT 3

8.4. OUTPUT POWER

LIMITS

FCC §15.247 (b) (3)

RSS-247 5.4 (d)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 13.3 dB (including 10 dB pad and 1.0 dB cable + 2.3 dB flex) was entered as an offset in the power meter to allow for an average reading of power.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. The directional gains are as follows:

Band (GHz)	Ant 4 Antenna Gain (dBi)	Ant 3 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
2.4	-0.90	-2.30	-1.54	1.44

RESULTS

8.4.1. 802.11b MODE

1TX Antenna 4 MODE

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-0.90	30.00	30	36	30.00
Mid 6	2437	-0.90	30.00	30	36	30.00
High 11	2462	-0.90	30.00	30	36	30.00
High 12	2467	-0.90	30.00	30	36	30.00
High 13	2472	-0.90	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.83	18.83	30.00	-11.17
Mid 6	2437	18.95	18.95	30.00	-11.05
High 11	2462	18.81	18.81	30.00	-11.19
High 12	2467	18.92	18.92	30.00	-11.08
High 13	2472	15.67	15.67	30.00	-14.33

1TX Antenna 3 MODE

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-2.30	30.00	30	36	30.00
Mid 6	2437	-2.30	30.00	30	36	30.00
High 11	2462	-2.30	30.00	30	36	30.00
High 12	2467	-2.30	30.00	30	36	30.00
High 13	2472	-2.30	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	20.22	20.22	30.00	-9.78
Mid 6	2437	21.18	21.18	30.00	-8.82
High 11	2462	21.21	21.21	30.00	-8.79
High 12	2467	20.17	20.17	30.00	-9.83
High 13	2472	15.63	15.63	30.00	-14.37

8.4.2. 802.11n HT20 MODE

1TX Antenna 4 MODE

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-0.90	30.00	30	36	30.00
Low 2	2417	-0.90	30.00	30	36	30.00
Low 3	2422	-0.90	30.00	30	36	30.00
Mid 6	2437	-0.90	30.00	30	36	30.00
High 9	2452	-0.90	30.00	30	36	30.00
High 10	2457	-0.90	30.00	30	36	30.00
High 11	2462	-0.90	30.00	30	36	30.00
High 12	2467	-0.90	30.00	30	36	30.00
High 13	2472	-0.90	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.26	17.26	30.00	-12.74
Low 2	2417	18.89	18.89	30.00	-11.11
Low 3	2422	18.95	18.95	30.00	-11.05
Mid 6	2437	19.00	19.00	30.00	-11.00
High 9	2452	18.76	18.76	30.00	-11.24
High 10	2457	18.83	18.83	30.00	-11.17
High 11	2462	17.23	17.23	30.00	-12.77
High 12	2467	15.23	15.23	30.00	-14.77
High 13	2472	5.16	5.16	30.00	-24.84

1TX Antenna 3 MODE

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-2.30	30.00	30	36	30.00
Low 2	2417	-2.30	30.00	30	36	30.00
Low 3	2422	-2.30	30.00	30	36	30.00
Mid 6	2437	-2.30	30.00	30	36	30.00
High 9	2452	-2.30	30.00	30	36	30.00
High 10	2457	-2.30	30.00	30	36	30.00
High 11	2462	-2.30	30.00	30	36	30.00
High 12	2467	-2.30	30.00	30	36	30.00
High 13	2472	-2.30	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.17	17.17	30.00	-12.83
Low 2	2417	19.11	19.11	30.00	-10.89
Low 3	2422	20.53	20.53	30.00	-9.47
Mid 6	2437	21.06	21.06	30.00	-8.94
High 9	2452	21.17	21.17	30.00	-8.83
High 10	2457	19.19	19.19	30.00	-10.81
High 11	2462	17.19	17.19	30.00	-12.81
High 12	2467	15.16	15.16	30.00	-14.84
High 13	2472	5.21	5.21	30.00	-24.79

2TX Antenna 4 + Antenna 3 CDD MODE

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-1.54	30.00	36	30.00
Low 2	2417	-1.54	30.00	36	30.00
Low 3	2422	-1.54	30.00	36	30.00
Mid 6	2437	-1.54	30.00	36	30.00
High 9	2452	-1.54	30.00	36	30.00
High 10	2457	-1.54	30.00	36	30.00
High 11	2462	-1.54	30.00	36	30.00
High 12	2467	-1.54	30.00	36	30.00
High 13	2472	-1.54	30.00	36	30.00

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

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	16.21	16.19	19.21	30.00	-10.79
Low 2	2417	18.18	18.13	21.17	30.00	-8.83
Low 3	2422	18.83	19.56	22.22	30.00	-7.78
Mid 6	2437	18.89	21.23	23.23	30.00	-6.77
High 9	2452	18.79	19.15	21.98	30.00	-8.02
High 10	2457	18.21	18.18	21.21	30.00	-8.79
High 11	2462	16.12	16.13	19.14	30.00	-10.86
High 12	2467	13.64	13.56	16.61	30.00	-13.39
High 13	2472	4.66	4.62	7.65	30.00	-22.35

8.4.3. 802.11ax HE20 MODE

1TX Antenna 4 MODE: 26-Tones, RU Index 0

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-0.90	30.00	30	36	30.00
Low 2	2417	-0.90	30.00	30	36	30.00
Low 3	2422	-0.90	30.00	30	36	30.00
Mid 6	2437	-0.90	30.00	30	36	30.00
High 9	2452	-0.90	30.00	30	36	30.00
High 10	2457	-0.90	30.00	30	36	30.00
High 11	2462	-0.90	30.00	30	36	30.00
High 12	2467	-0.90	30.00	30	36	30.00
High 13	2472	-0.90	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.64	15.64	30.00	-14.36
Low 2	2417	17.62	17.62	30.00	-12.38
Low 3	2422	18.81	18.81	30.00	-11.19
Mid 6	2437	18.92	18.92	30.00	-11.08
High 9	2452	18.89	18.89	30.00	-11.11
High 10	2457	17.63	17.63	30.00	-12.37
High 11	2462	15.63	15.63	30.00	-14.37
High 12	2467	13.67	13.67	30.00	-16.33
High 13	2472	-0.36	-0.36	30.00	-30.36

1TX Antenna 4 MODE: 26-Tones, RU Index 4

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-0.90	30.00	30	36	30.00
Low 2	2417	-0.90	30.00	30	36	30.00
Low 3	2422	-0.90	30.00	30	36	30.00
Mid 6	2437	-0.90	30.00	30	36	30.00
High 9	2452	-0.90	30.00	30	36	30.00
High 10	2457	-0.90	30.00	30	36	30.00
High 11	2462	-0.90	30.00	30	36	30.00
High 12	2467	-0.90	30.00	30	36	30.00
High 13	2472	-0.90	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.56	15.56	30.00	-14.44
Low 2	2417	17.59	17.59	30.00	-12.41
Low 3	2422	18.79	18.79	30.00	-11.21
Mid 6	2437	18.80	18.80	30.00	-11.20
High 9	2452	18.77	18.77	30.00	-11.23
High 10	2457	17.57	17.57	30.00	-12.43
High 11	2462	15.52	15.52	30.00	-14.48
High 12	2467	13.59	13.59	30.00	-16.41
High 13	2472	-0.48	-0.48	30.00	-30.48

1TX Antenna 4 MODE: 26-Tones, RU Index 8

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-0.90	30.00	30	36	30.00
Low 2	2417	-0.90	30.00	30	36	30.00
Low 3	2422	-0.90	30.00	30	36	30.00
Mid 6	2437	-0.90	30.00	30	36	30.00
High 9	2452	-0.90	30.00	30	36	30.00
High 10	2457	-0.90	30.00	30	36	30.00
High 11	2462	-0.90	30.00	30	36	30.00
High 12	2467	-0.90	30.00	30	36	30.00
High 13	2472	-0.90	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.70	15.70	30.00	-14.30
Low 2	2417	17.67	17.67	30.00	-12.33
Low 3	2422	18.84	18.84	30.00	-11.16
Mid 6	2437	18.88	18.88	30.00	-11.12
High 9	2452	18.95	18.95	30.00	-11.05
High 10	2457	17.71	17.71	30.00	-12.29
High 11	2462	15.60	15.60	30.00	-14.40
High 12	2467	13.64	13.64	30.00	-16.36
High 13	2472	-0.42	-0.42	30.00	-30.42

1TX Antenna 4 MODE: 242-Tones, RU Index 61

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-0.90	30.00	30	36	30.00
Low 2	2417	-0.90	30.00	30	36	30.00
Low 3	2422	-0.90	30.00	30	36	30.00
Mid 6	2437	-0.90	30.00	30	36	30.00
High 9	2452	-0.90	30.00	30	36	30.00
High 10	2457	-0.90	30.00	30	36	30.00
High 11	2462	-0.90	30.00	30	36	30.00
High 12	2467	-0.90	30.00	30	36	30.00
High 13	2472	-0.90	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.65	15.65	30.00	-14.35
Low 2	2417	17.65	17.65	30.00	-12.35
Low 3	2422	18.85	18.85	30.00	-11.15
Mid 6	2437	18.94	18.94	30.00	-11.06
High 9	2452	18.88	18.88	30.00	-11.12
High 10	2457	17.64	17.64	30.00	-12.36
High 11	2462	15.68	15.68	30.00	-14.32
High 12	2467	13.58	13.58	30.00	-16.42
High 13	2472	4.59	4.59	30.00	-25.41

1TX Antenna 3 MODE: 26-Tones, RU Index 0

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-2.30	30.00	30	36	30.00
Low 2	2417	-2.30	30.00	30	36	30.00
Low 3	2422	-2.30	30.00	30	36	30.00
Mid 6	2437	-2.30	30.00	30	36	30.00
High 9	2452	-2.30	30.00	30	36	30.00
High 10	2457	-2.30	30.00	30	36	30.00
High 11	2462	-2.30	30.00	30	36	30.00
High 12	2467	-2.30	30.00	30	36	30.00
High 13	2472	-2.30	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.64	15.64	30.00	-14.36
Low 2	2417	17.71	17.71	30.00	-12.29
Low 3	2422	19.63	19.63	30.00	-10.37
Mid 6	2437	21.16	21.16	30.00	-8.84
High 9	2452	19.70	19.70	30.00	-10.30
High 10	2457	17.74	17.74	30.00	-12.26
High 11	2462	15.68	15.68	30.00	-14.32
High 12	2467	13.65	13.65	30.00	-16.35
High 13	2472	-0.36	-0.36	30.00	-30.36

1TX Antenna 3 MODE: 26-Tones, RU Index 4

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-2.30	30.00	30	36	30.00
Low 2	2417	-2.30	30.00	30	36	30.00
Low 3	2422	-2.30	30.00	30	36	30.00
Mid 6	2437	-2.30	30.00	30	36	30.00
High 9	2452	-2.30	30.00	30	36	30.00
High 10	2457	-2.30	30.00	30	36	30.00
High 11	2462	-2.30	30.00	30	36	30.00
High 12	2467	-2.30	30.00	30	36	30.00
High 13	2472	-2.30	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.53	15.53	30.00	-14.47
Low 2	2417	17.62	17.62	30.00	-12.38
Low 3	2422	19.55	19.55	30.00	-10.45
Mid 6	2437	21.06	21.06	30.00	-8.94
High 9	2452	19.57	19.57	30.00	-10.43
High 10	2457	17.59	17.59	30.00	-12.41
High 11	2462	15.61	15.61	30.00	-14.39
High 12	2467	13.57	13.57	30.00	-16.43
High 13	2472	-0.44	-0.44	30.00	-30.44

1TX Antenna 3 MODE: 26-Tones, RU Index 8

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-2.30	30.00	30	36	30.00
Low 2	2417	-2.30	30.00	30	36	30.00
Low 3	2422	-2.30	30.00	30	36	30.00
Mid 6	2437	-2.30	30.00	30	36	30.00
High 9	2452	-2.30	30.00	30	36	30.00
High 10	2457	-2.30	30.00	30	36	30.00
High 11	2462	-2.30	30.00	30	36	30.00
High 12	2467	-2.30	30.00	30	36	30.00
High 13	2472	-2.30	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.72	15.72	30.00	-14.28
Low 2	2417	17.66	17.66	30.00	-12.34
Low 3	2422	19.60	19.60	30.00	-10.40
Mid 6	2437	21.19	21.19	30.00	-8.81
High 9	2452	19.64	19.64	30.00	-10.36
High 10	2457	17.68	17.68	30.00	-12.32
High 11	2462	15.73	15.73	30.00	-14.27
High 12	2467	13.62	13.62	30.00	-16.38
High 13	2472	-0.32	-0.32	30.00	-30.32

1TX Antenna 3 MODE: 242-Tones, RU Index 61

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-2.30	30.00	30	36	30.00
Low 2	2417	-2.30	30.00	30	36	30.00
Low 3	2422	-2.30	30.00	30	36	30.00
Mid 6	2437	-2.30	30.00	30	36	30.00
High 9	2452	-2.30	30.00	30	36	30.00
High 10	2457	-2.30	30.00	30	36	30.00
High 11	2462	-2.30	30.00	30	36	30.00
High 12	2467	-2.30	30.00	30	36	30.00
High 13	2472	-2.30	30.00	30	36	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	15.62	15.62	30.00	-14.38
Low 2	2417	17.73	17.73	30.00	-12.27
Low 3	2422	19.64	19.64	30.00	-10.36
Mid 6	2437	21.15	21.15	30.00	-8.85
High 9	2452	19.68	19.68	30.00	-10.32
High 10	2457	17.67	17.67	30.00	-12.33
High 11	2462	15.71	15.71	30.00	-14.29
High 12	2467	13.69	13.69	30.00	-16.31
High 13	2472	4.68	4.68	30.00	-25.32

8.4.4. 802.11ax HE20 OFDMA MODE 2TX

2TX Antenna 4 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 0

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-1.54	30.00	36	30.00
Low 2	2417	-1.54	30.00	36	30.00
Low 3	2422	-1.54	30.00	36	30.00
Low 4	2427	-1.54	30.00	36	30.00
Mid 6	2437	-1.54	30.00	36	30.00
High 9	2452	-1.54	30.00	36	30.00
High 10	2457	-1.54	30.00	36	30.00
High 11	2462	-1.54	30.00	36	30.00
High 12	2467	-1.54	30.00	36	30.00
High 13	2472	-1.54	30.00	36	30.00

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

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	14.61	14.68	17.66	30.00	-12.34
Low 2	2417	16.65	16.68	19.68	30.00	-10.32
Low 3	2422	18.52	18.56	21.55	30.00	-8.45
Low 4	2427	18.89	19.65	22.30	30.00	-7.70
Mid 6	2437	18.97	19.68	22.35	30.00	-7.65
High 9	2452	18.20	18.17	21.20	30.00	-8.80
High 10	2457	16.59	16.71	19.66	30.00	-10.34
High 11	2462	14.57	14.65	17.62	30.00	-12.38
High 12	2467	12.15	12.19	15.18	30.00	-14.82
High 13	2472	-0.33	-0.38	2.66	30.00	-27.34

2TX Antenna 4 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 4

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-1.54	30.00	36	30.00
Low 2	2417	-1.54	30.00	36	30.00
Low 3	2422	-1.54	30.00	36	30.00
Low 4	2427	-1.54	30.00	36	30.00
Mid 6	2437	-1.54	30.00	36	30.00
High 9	2452	-1.54	30.00	36	30.00
High 10	2457	-1.54	30.00	36	30.00
High 11	2462	-1.54	30.00	36	30.00
High 12	2467	-1.54	30.00	36	30.00
High 13	2472	-1.54	30.00	36	30.00

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

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	14.54	14.53	17.55	30.00	-12.45
Low 2	2417	16.52	16.54	19.54	30.00	-10.46
Low 3	2422	18.67	18.54	21.62	30.00	-8.38
Low 4	2427	18.81	19.56	22.21	30.00	-7.79
Mid 6	2437	18.87	19.62	22.27	30.00	-7.73
High 9	2452	18.12	18.08	21.11	30.00	-8.89
High 10	2457	16.55	16.52	19.55	30.00	-10.45
High 11	2462	14.55	14.52	17.55	30.00	-12.45
High 12	2467	12.08	12.05	15.08	30.00	-14.92
High 13	2472	-0.45	-0.40	2.59	30.00	-27.41

2TX Antenna 4 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-1.54	30.00	36	30.00
Low 2	2417	-1.54	30.00	36	30.00
Low 3	2422	-1.54	30.00	36	30.00
Low 4	2427	-1.54	30.00	36	30.00
Mid 6	2437	-1.54	30.00	36	30.00
High 9	2452	-1.54	30.00	36	30.00
High 10	2457	-1.54	30.00	36	30.00
High 11	2462	-1.54	30.00	36	30.00
High 12	2467	-1.54	30.00	36	30.00
High 13	2472	-1.54	30.00	36	30.00

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

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	14.66	14.62	17.65	30.00	-12.35
Low 2	2417	16.62	16.67	19.66	30.00	-10.34
Low 3	2422	18.61	18.54	21.59	30.00	-8.41
Low 4	2427	18.86	19.63	22.27	30.00	-7.73
Mid 6	2437	18.92	19.71	22.34	30.00	-7.66
High 9	2452	18.15	18.23	21.20	30.00	-8.80
High 10	2457	16.58	16.67	19.64	30.00	-10.36
High 11	2462	14.65	14.73	17.70	30.00	-12.30
High 12	2467	12.22	12.16	15.20	30.00	-14.80
High 13	2472	-0.28	-0.35	2.70	30.00	-27.30

2TX Antenna 4 + Antenna 3 OFDMA MODE: 242-Tones, RU Index 61

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	-1.54	30.00	36	30.00
Low 2	2417	-1.54	30.00	36	30.00
Low 3	2422	-1.54	30.00	36	30.00
Low 4	2427	-1.54	30.00	36	30.00
Mid 6	2437	-1.54	30.00	36	30.00
High 9	2452	-1.54	30.00	36	30.00
High 10	2457	-1.54	30.00	36	30.00
High 11	2462	-1.54	30.00	36	30.00
High 12	2467	-1.54	30.00	36	30.00
High 13	2472	-1.54	30.00	36	30.00

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

Channel	Frequency (MHz)	Antenna 4 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	14.70	14.66	17.69	30.00	-12.31
Low 2	2417	16.74	16.84	19.80	30.00	-10.20
Low 3	2422	18.63	18.70	21.68	30.00	-8.32
Low 4	2427	18.88	21.16	23.18	30.00	-6.82
Mid 6	2437	18.86	21.06	23.11	30.00	-6.89
High 9	2452	18.07	18.06	21.08	30.00	-8.92
High 10	2457	16.78	16.71	19.76	30.00	-10.24
High 11	2462	14.72	14.63	17.69	30.00	-12.31
High 12	2467	12.21	12.22	15.23	30.00	-14.77
High 13	2472	4.08	4.19	7.15	30.00	-22.85

8.5. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247 (e)

RSS-247 (5.2) (b)

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

RESULTS

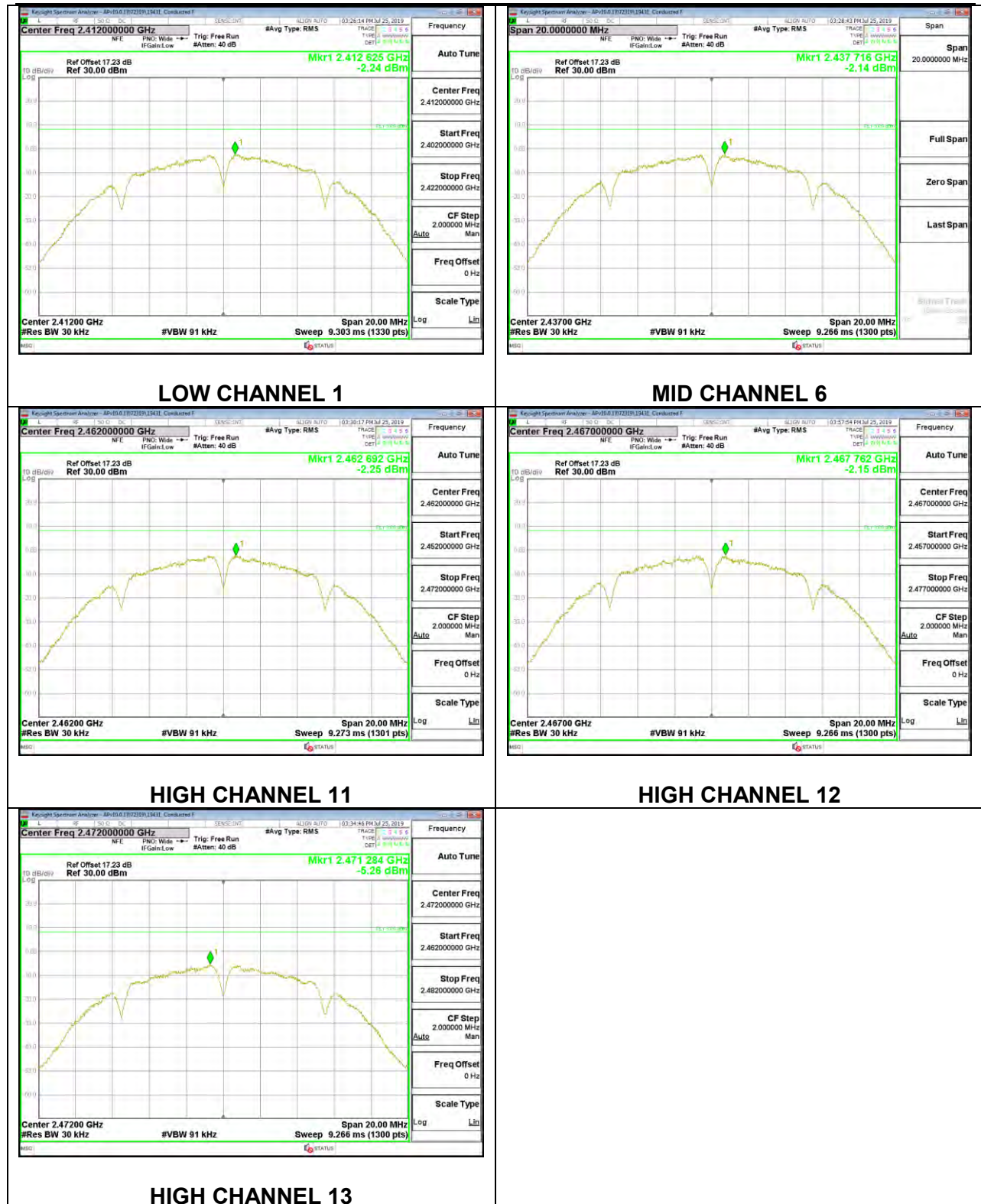
8.5.1. 802.11b MODE

1TX Antenna 4 MODE

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

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-2.24	-2.24	8.0	-10.2
Mid 6	2437	-2.14	-2.14	8.0	-10.1
High 11	2462	-2.25	-2.25	8.0	-10.3
High 12	2467	-2.15	-2.15	8.0	-10.2
High 13	2472	-5.26	-5.26	8.0	-13.3

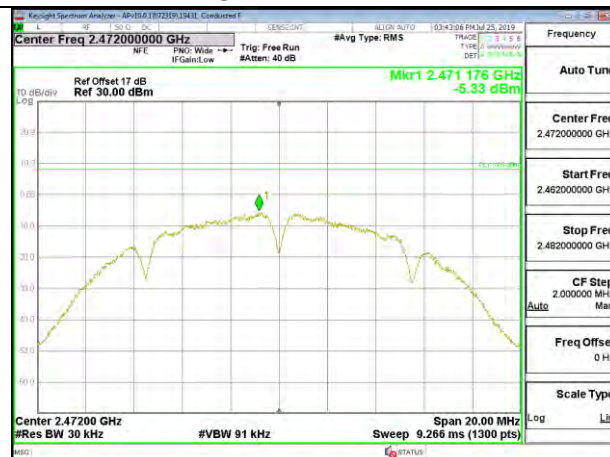
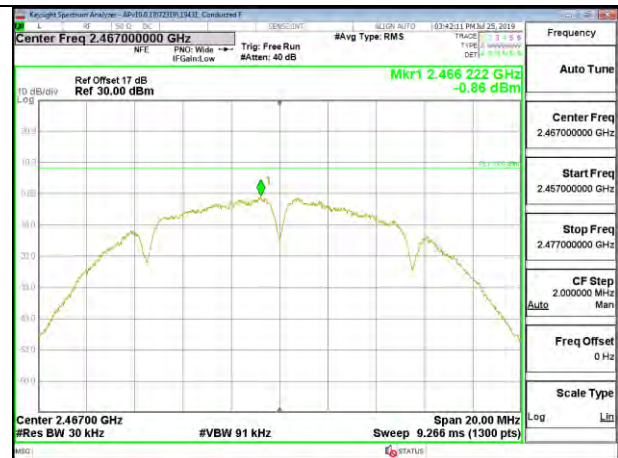
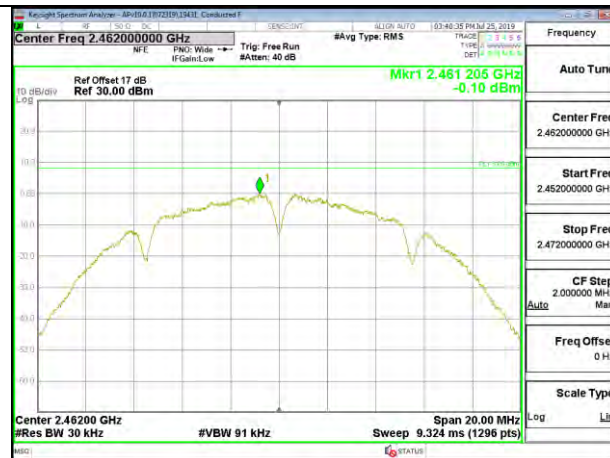
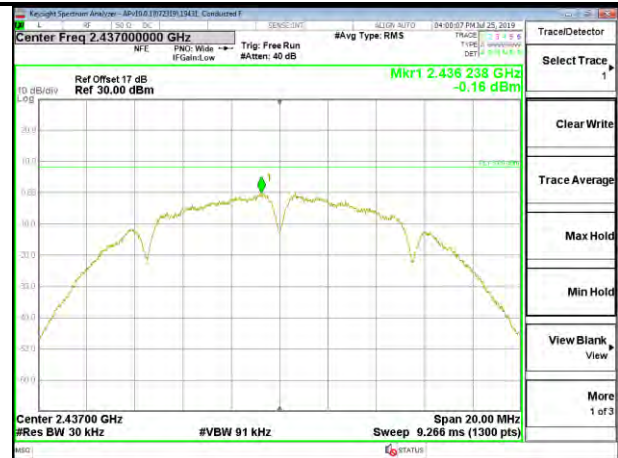
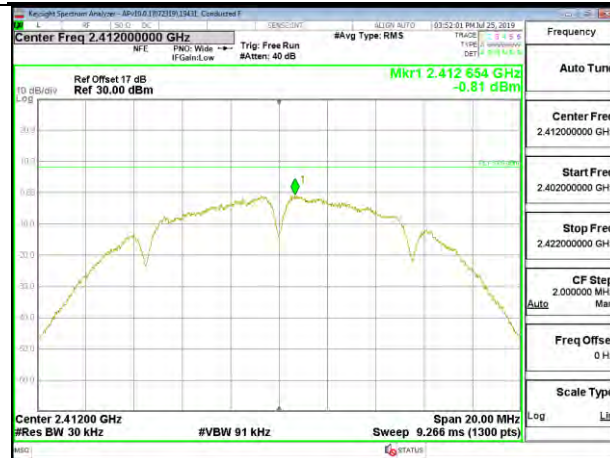


1TX Antenna 3 MODE

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

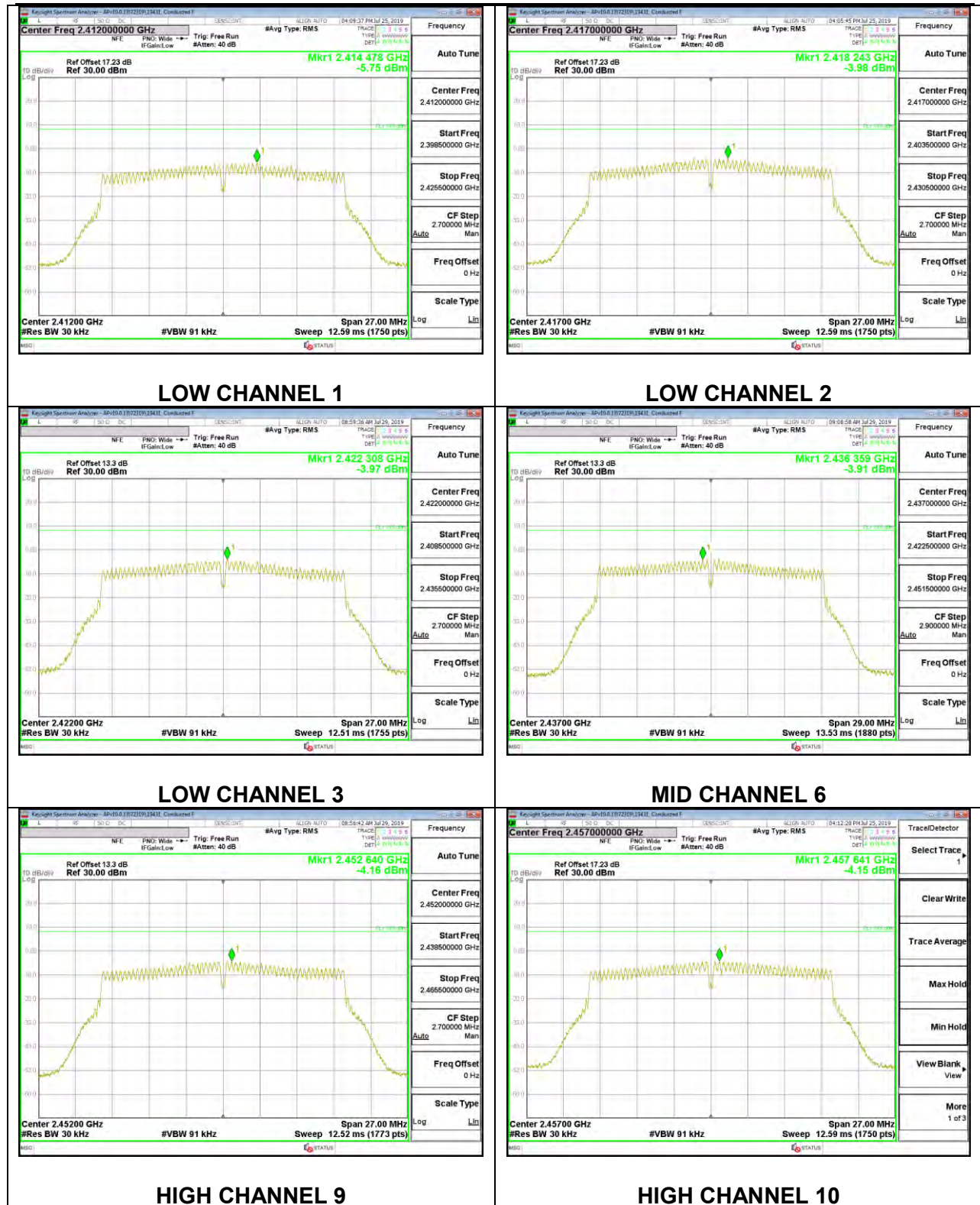
Channel	Frequency (MHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-0.81	-0.81	8.0	-8.8
Mid 6	2437	-0.16	-0.16	8.0	-8.2
High 11	2462	-0.10	-0.10	8.0	-8.1
High 12	2467	-0.86	-0.86	8.0	-8.9
High 13	2472	-5.33	-5.33	8.0	-13.3

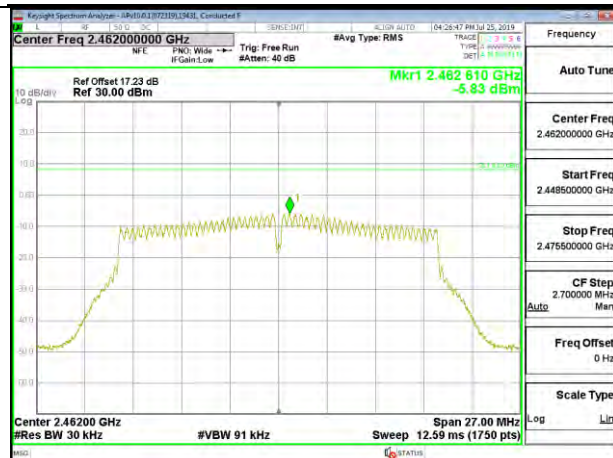


8.5.2. 802.11n HT20 MODE

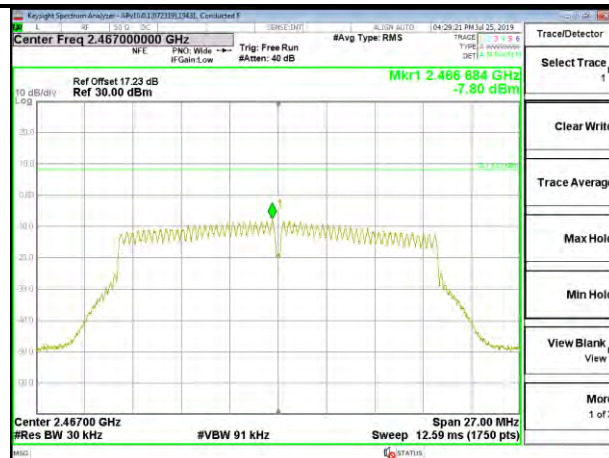
1TX Antenna 4 MODE

Duty Cycle CF (dB)		0.00	Included in Calculations of Corr'd PSD		
PSD Results					
Channel	Frequency (MHz)	Antenna 4 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-5.750	-5.75	8.0	-13.8
Low 2	2417	-3.980	-3.98	8.0	-12.0
Low 3	2422	-3.975	-3.98	8.0	-12.0
Mid 6	2437	-3.910	-3.91	8.0	-11.9
High 9	2452	-4.160	-4.16	8.0	-12.2
High 10	2457	-4.150	-4.15	8.0	-12.2
High 11	2462	-5.830	-5.83	8.0	-13.8
High 12	2467	-7.800	-7.80	8.0	-15.8
High 13	2472	-18.450	-18.45	8.0	-26.5

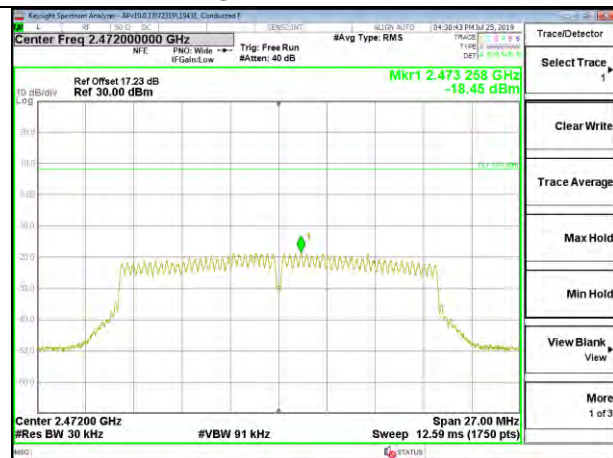




HIGH CHANNEL 11



HIGH CHANNEL 12



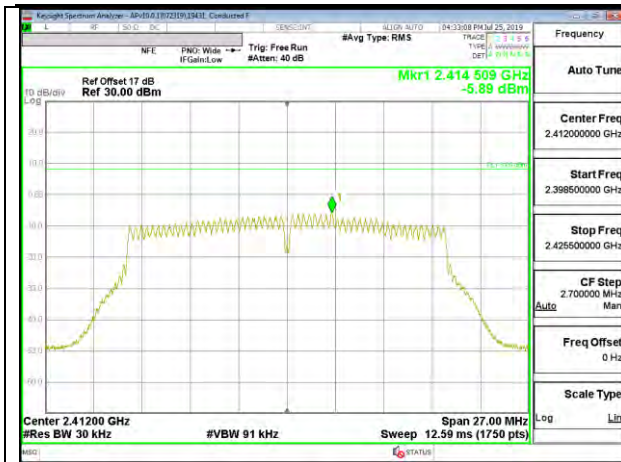
HIGH CHANNEL 13

1TX Antenna 3 MODE

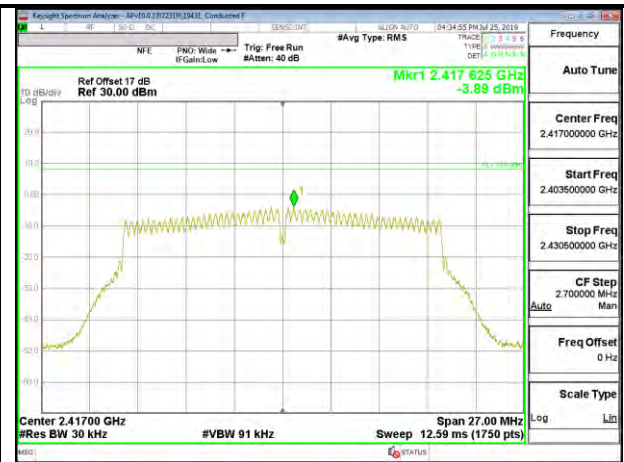
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

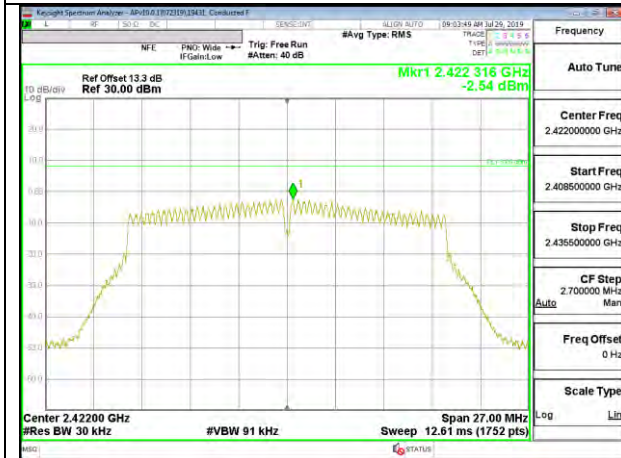
Channel	Frequency (MHz)	Antenna 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-5.890	-5.89	8.0	-13.9
Low 2	2417	-3.890	-3.89	8.0	-11.9
Low 3	2422	-2.540	-2.54	8.0	-10.5
Mid 6	2437	-1.900	-1.90	8.0	-9.9
High 9	2452	-2.270	-2.27	8.0	-10.3
High 10	2457	-3.800	-3.80	8.0	-11.8
High 11	2462	-5.860	-5.86	8.0	-13.9
High 12	2467	-7.990	-7.99	8.0	-16.0
High 13	2472	-18.270	-18.27	8.0	-26.3



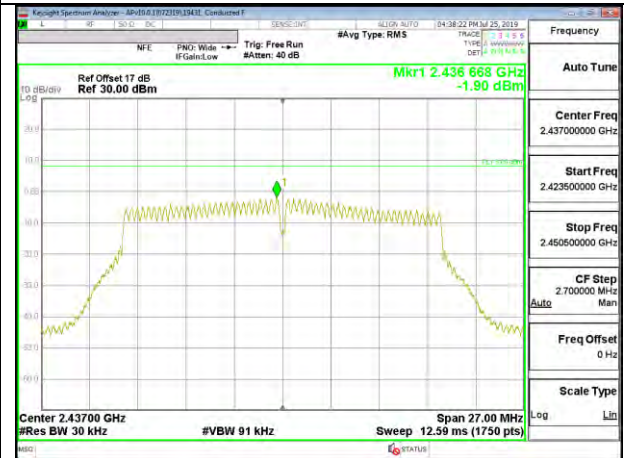
LOW CHANNEL 1



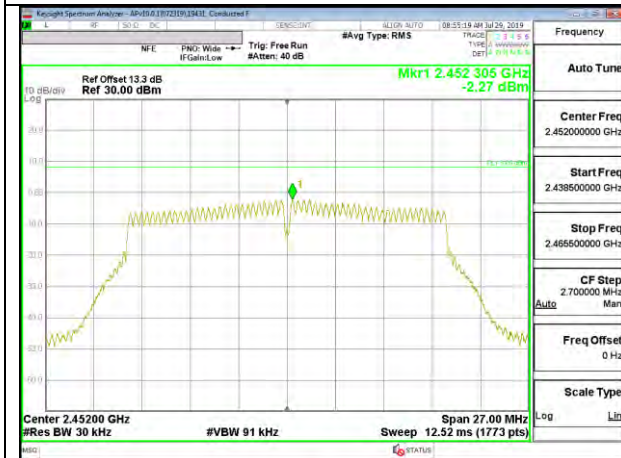
LOW CHANNEL 2



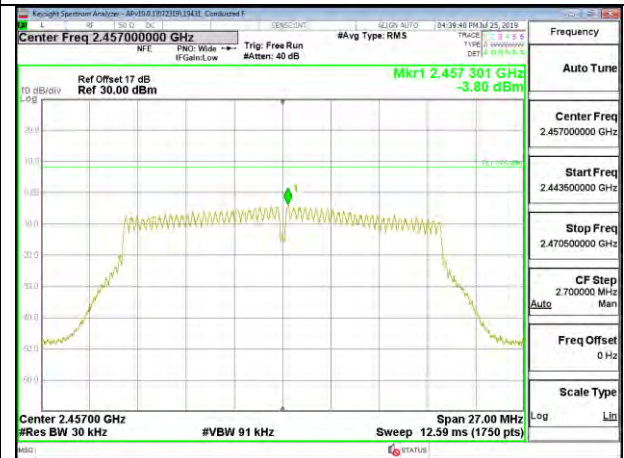
LOW CHANNEL 3



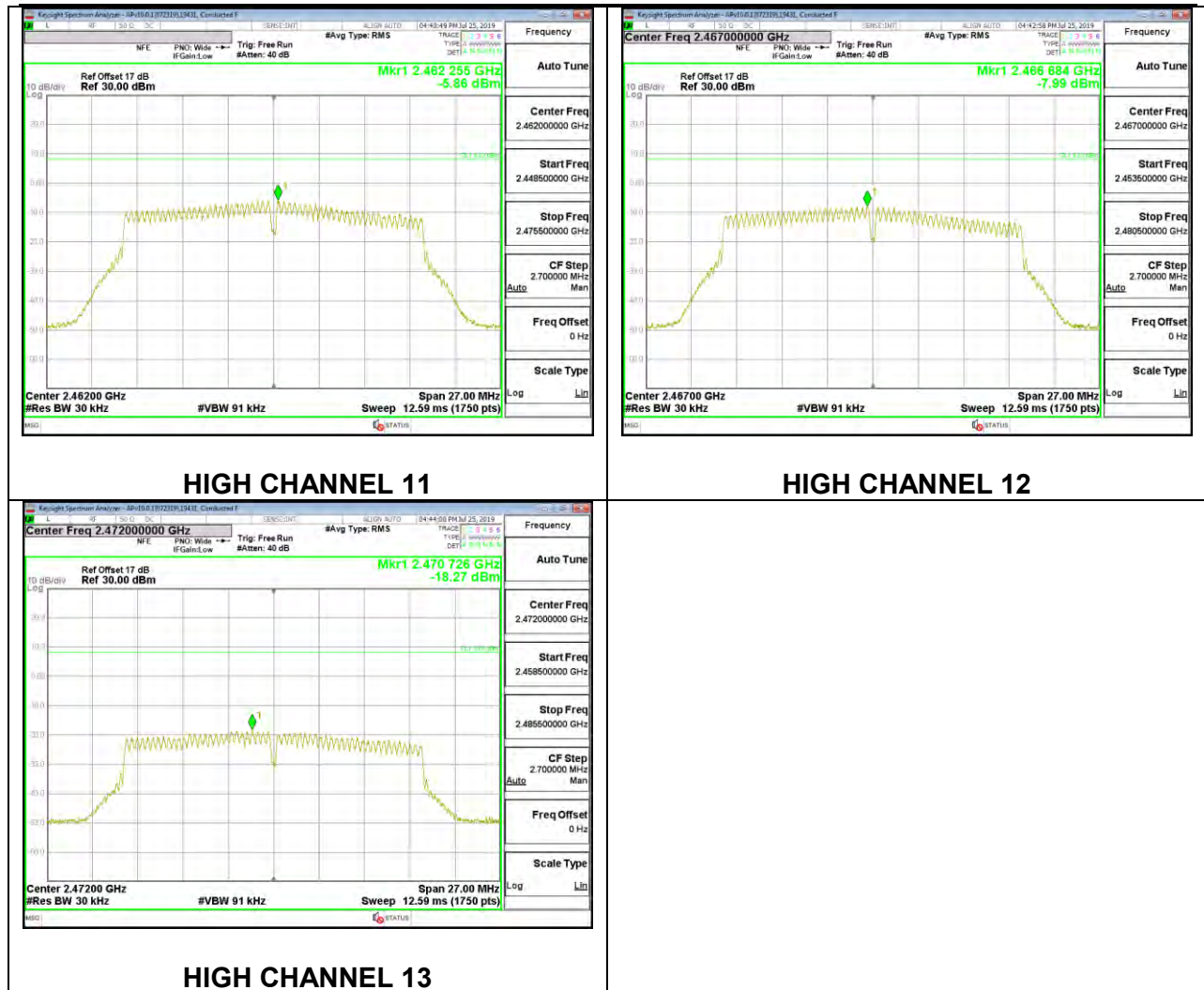
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10

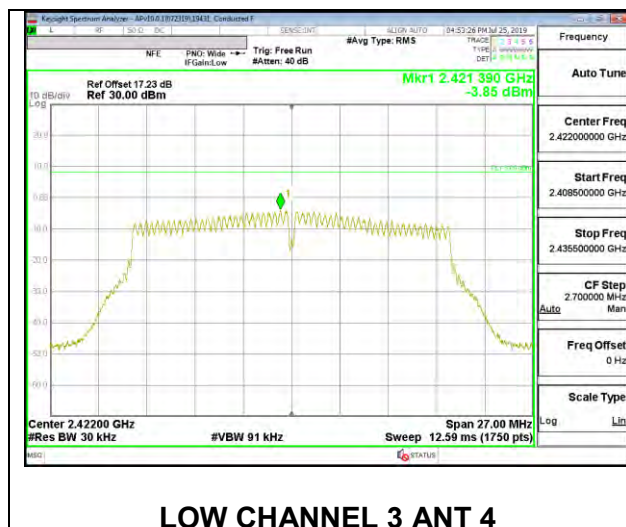
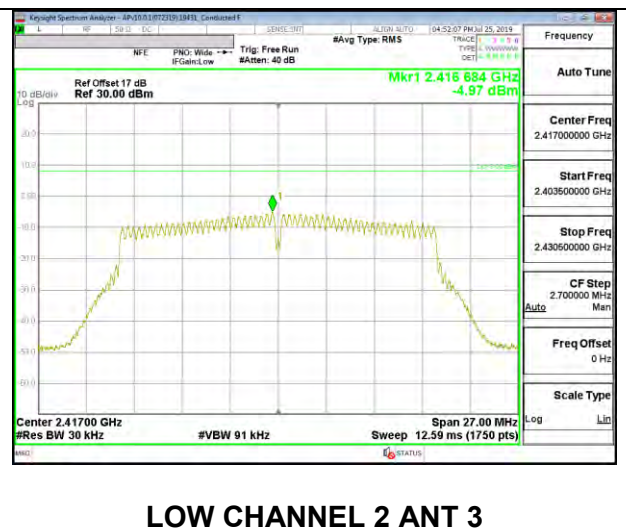
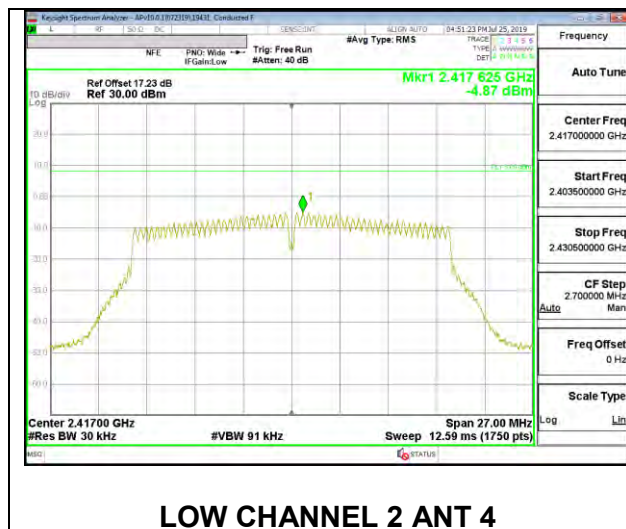
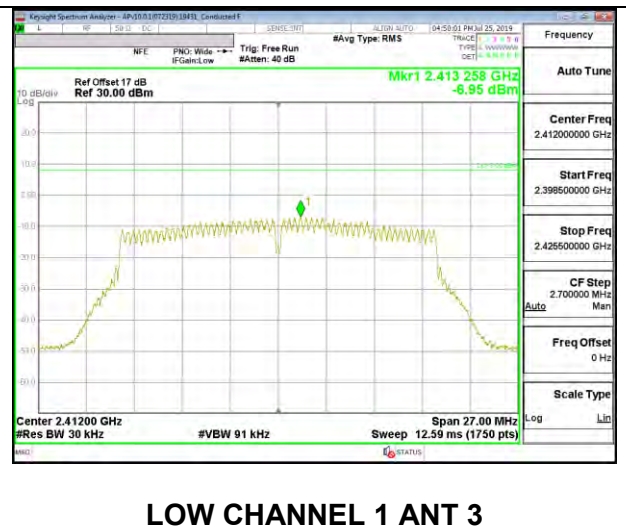
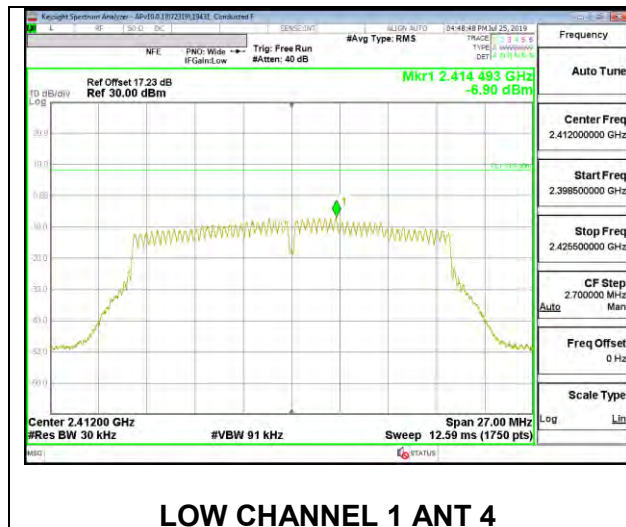


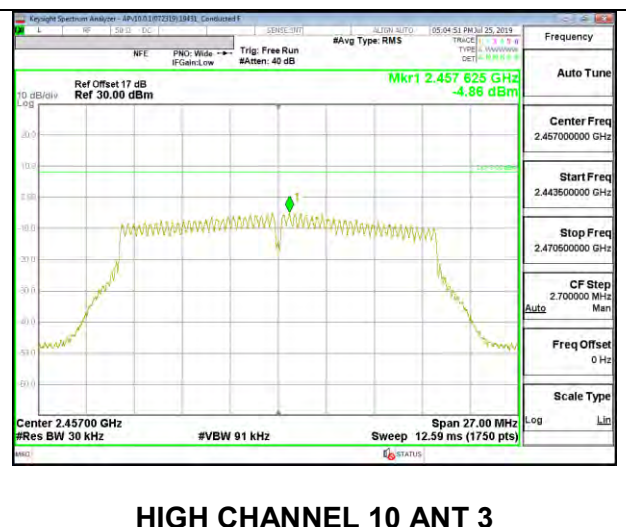
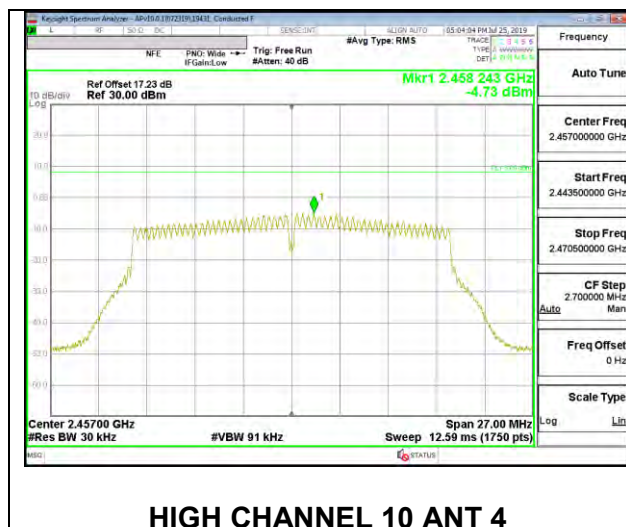
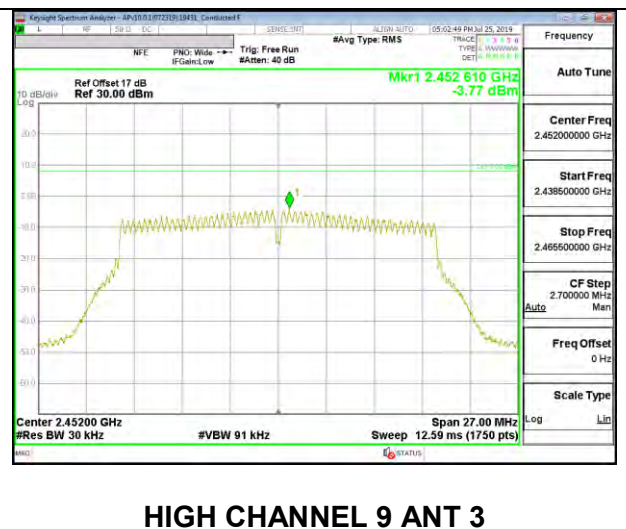
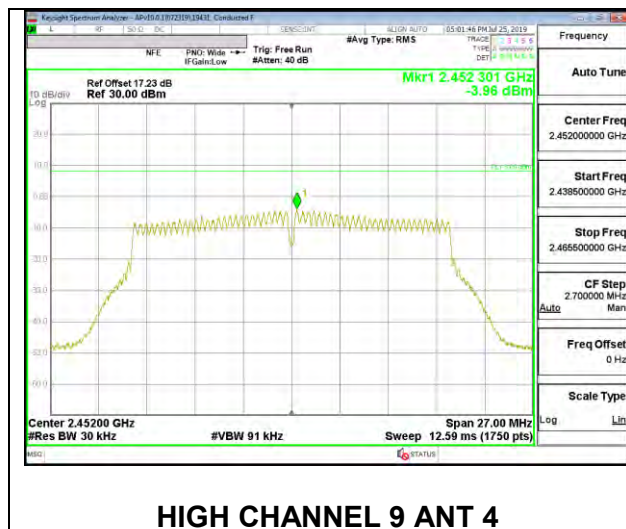
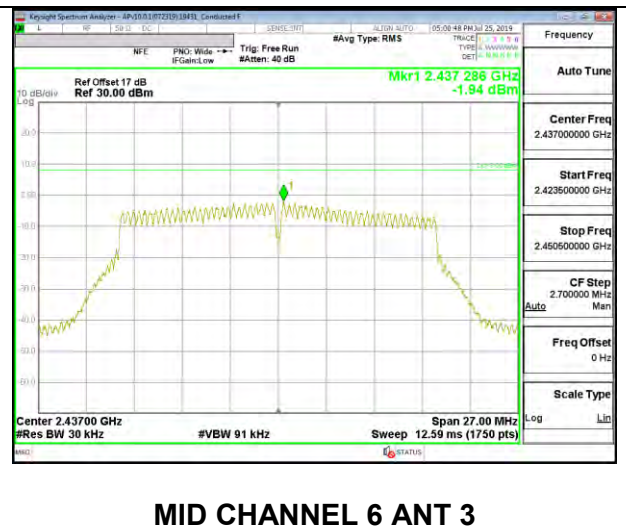
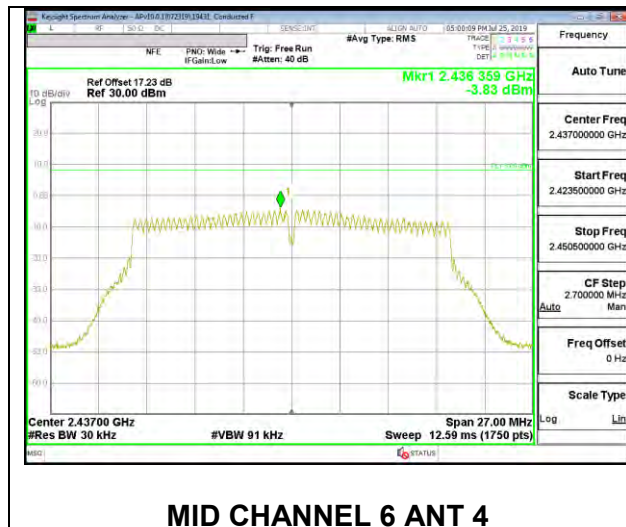
2TX Antenna 4 + Antenna 3 CDD MODE

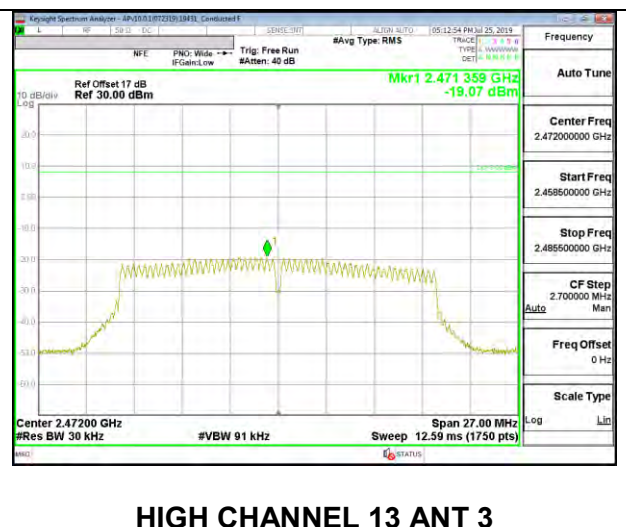
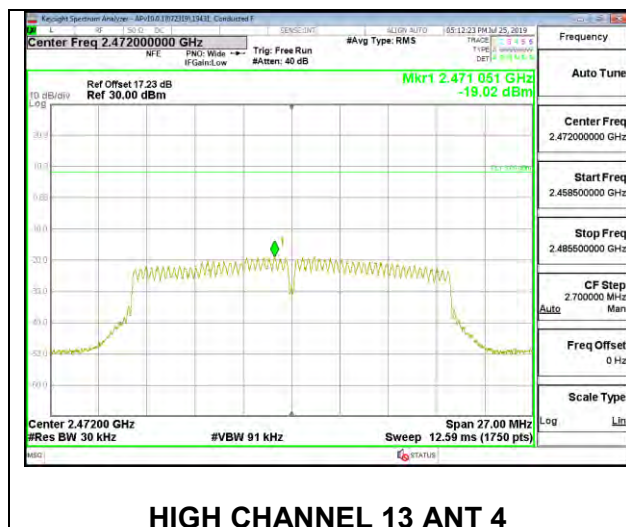
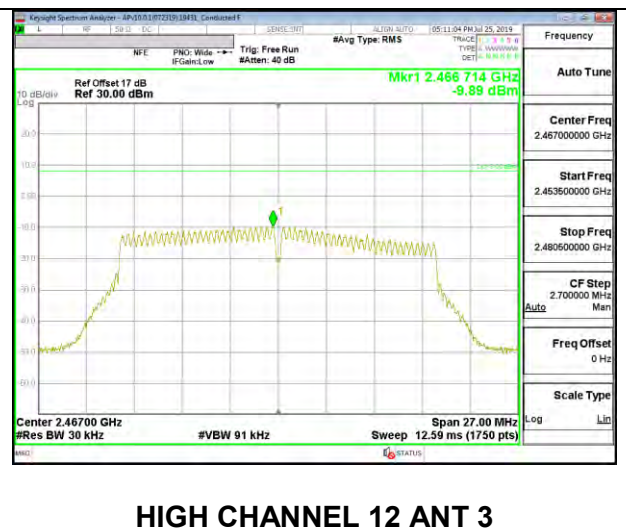
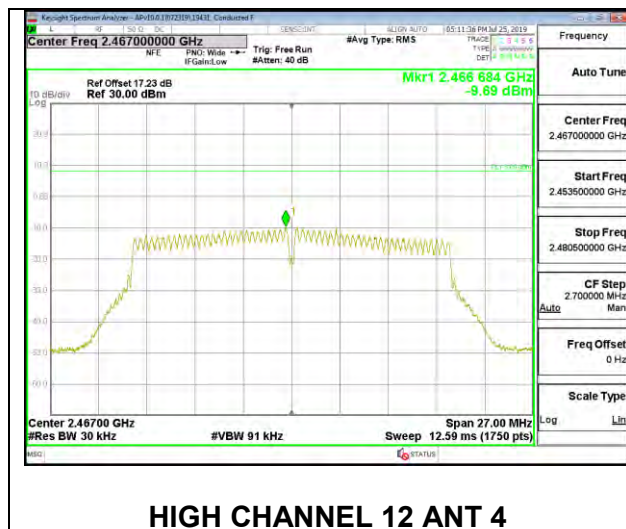
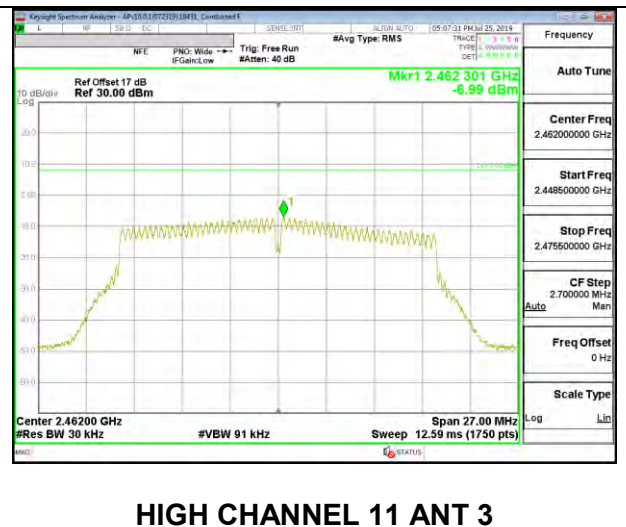
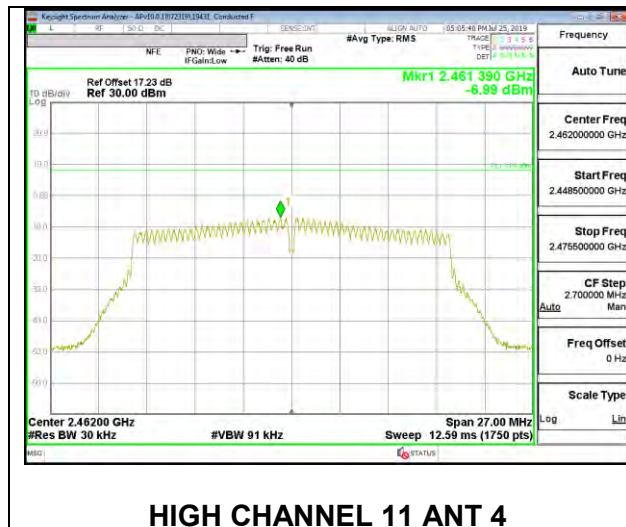
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-6.90	-6.95	-3.91	8.0	-11.9
Low 2	2417	-4.87	-4.97	-1.91	8.0	-9.9
Low 3	2422	-3.85	-2.98	-0.38	8.0	-8.4
Mid 6	2437	-3.83	-1.94	0.23	8.0	-7.8
High 9	2452	-3.96	-3.77	-0.85	8.0	-8.9
High 10	2457	-4.73	-4.86	-1.78	8.0	-9.8
High 11	2462	-6.99	-6.99	-3.98	8.0	-12.0
High 12	2467	-9.69	-9.89	-6.78	8.0	-14.8
High 13	2472	-19.02	-19.07	-16.03	8.0	-24.0







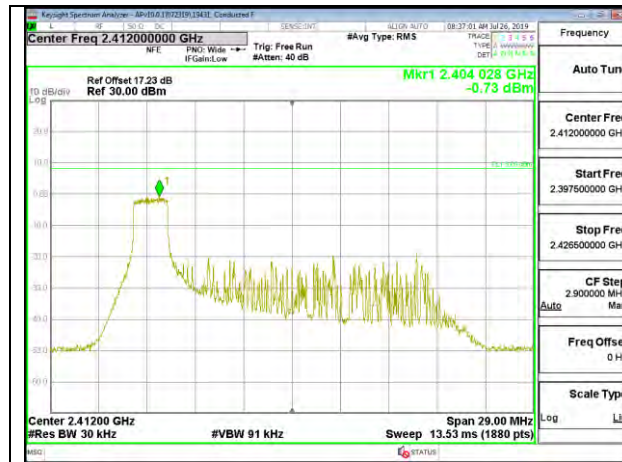
8.5.3. 802.11ax HE20 MODE

1TX Antenna 4 MODE: 26-Tones, RU Index 0

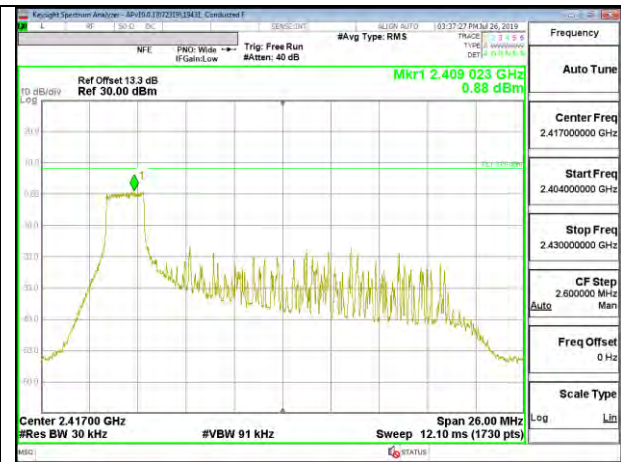
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

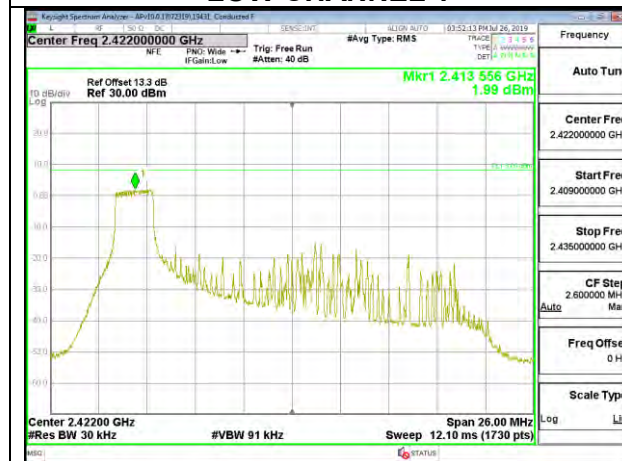
Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-0.730	-0.73	8.0	-8.7
Low 2	2417	0.880	0.88	8.0	-7.1
Low 3	2422	1.990	1.99	8.0	-6.0
Mid 6	2437	2.080	2.08	8.0	-5.9
High 9	2452	2.070	2.07	8.0	-5.9
High 10	2457	0.882	0.88	8.0	-7.1
High 11	2462	-0.740	-0.74	8.0	-8.7
High 12	2467	-2.940	-2.94	8.0	-10.9
High 13	2472	-16.530	-16.53	8.0	-24.5



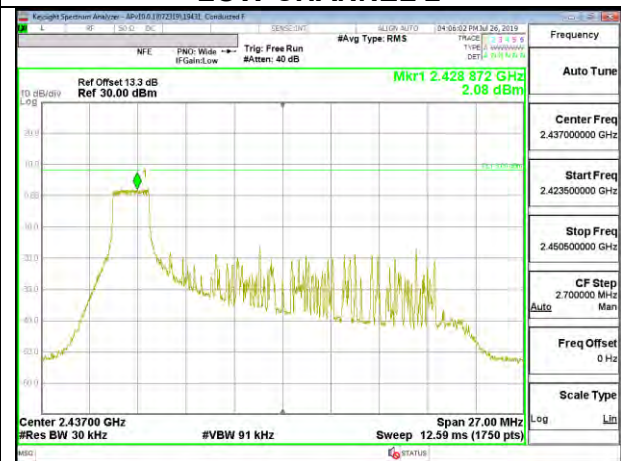
LOW CHANNEL 1



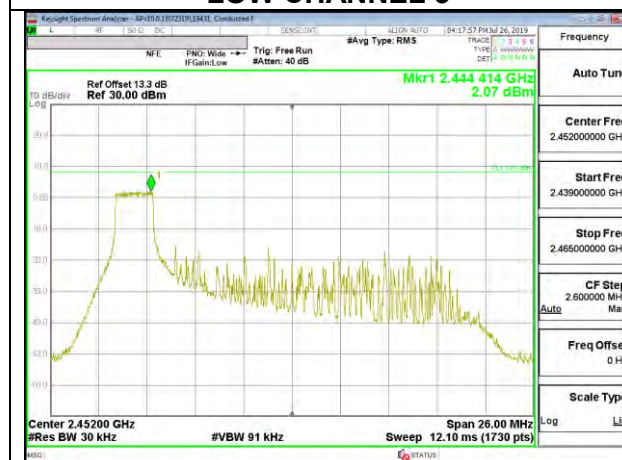
LOW CHANNEL 2



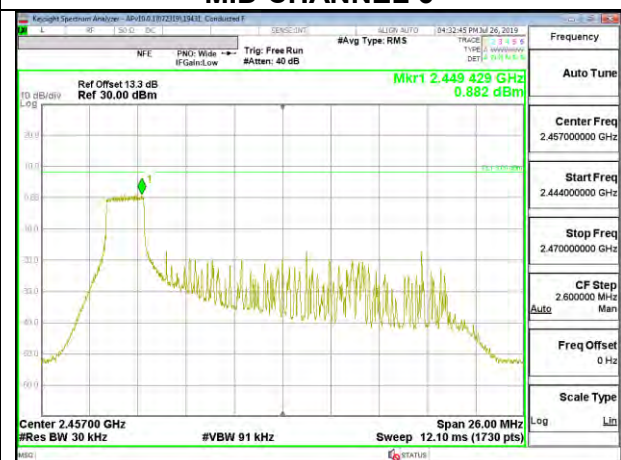
LOW CHANNEL 3



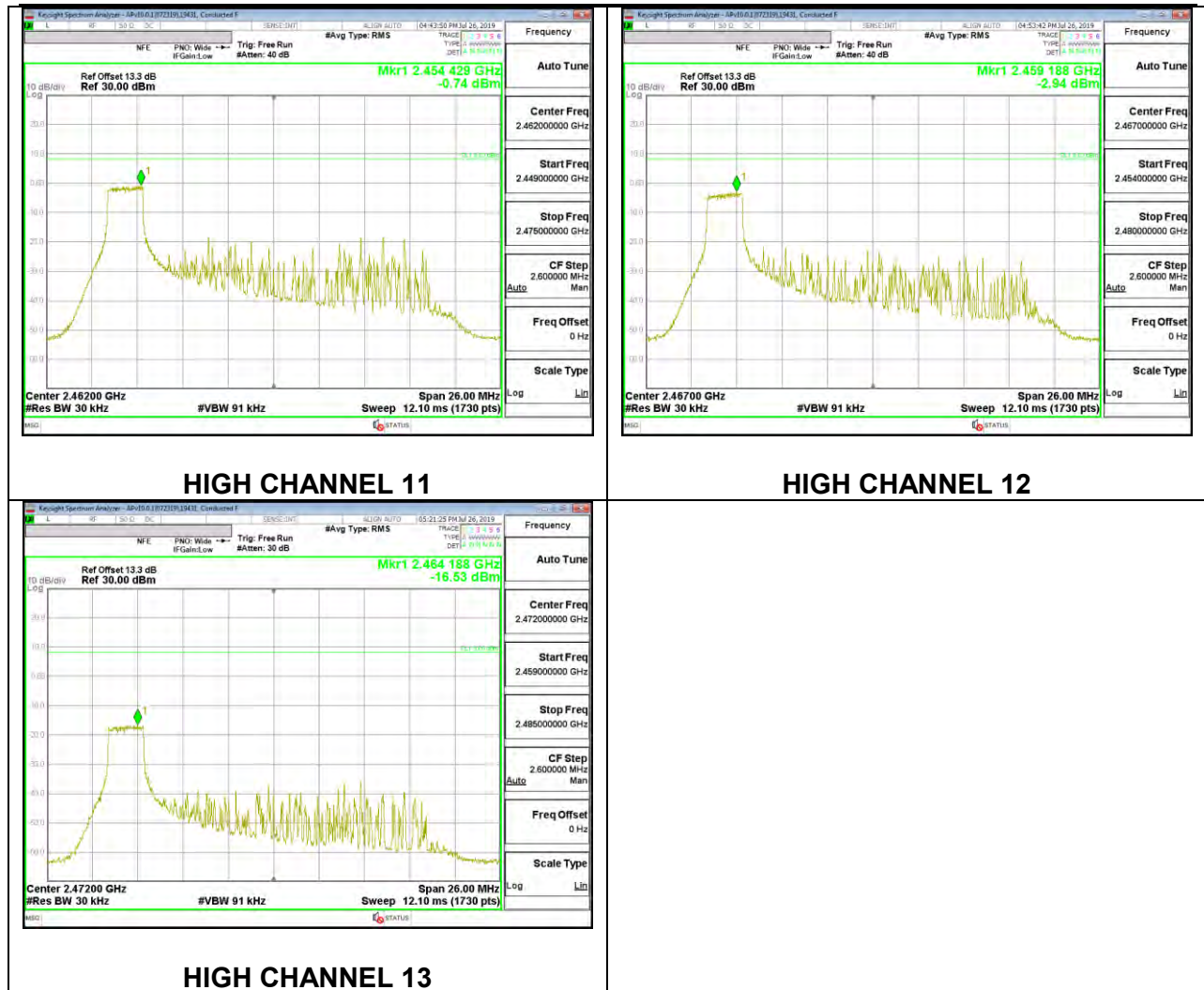
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10

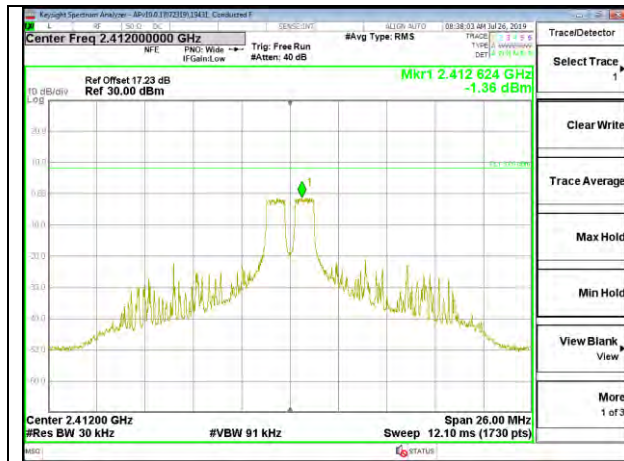


1TX Antenna 4 MODE: 26-Tones, RU Index 4

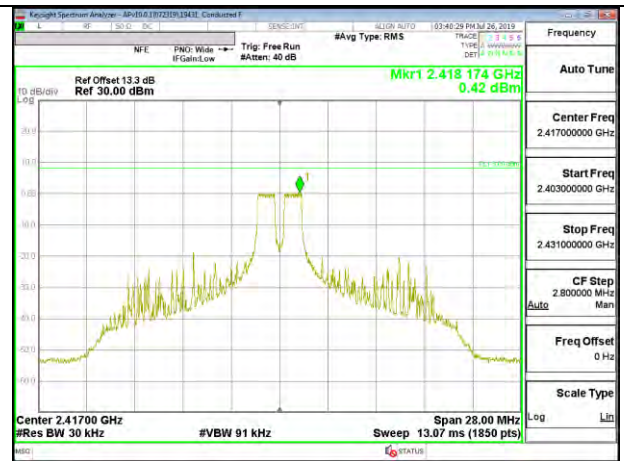
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

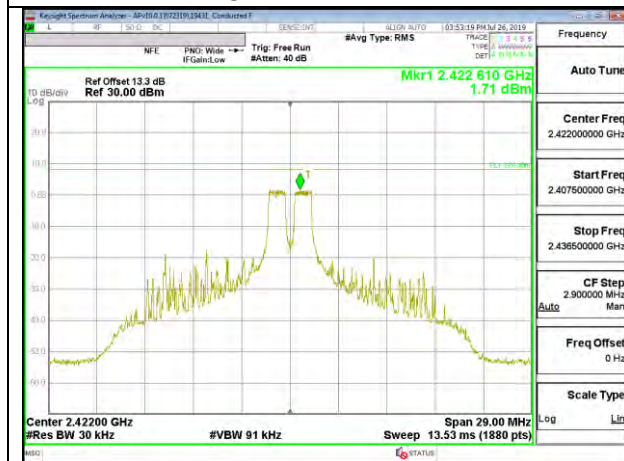
Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-1.360	-1.36	8.0	-9.4
Low 2	2417	0.420	0.42	8.0	-7.6
Low 3	2422	1.710	1.71	8.0	-6.3
Mid 6	2437	1.840	1.84	8.0	-6.2
High 9	2452	1.590	1.59	8.0	-6.4
High 10	2457	0.410	0.41	8.0	-7.6
High 11	2462	-1.380	-1.38	8.0	-9.4
High 12	2467	-3.370	-3.37	8.0	-11.4
High 13	2472	-17.240	-17.24	8.0	-25.2



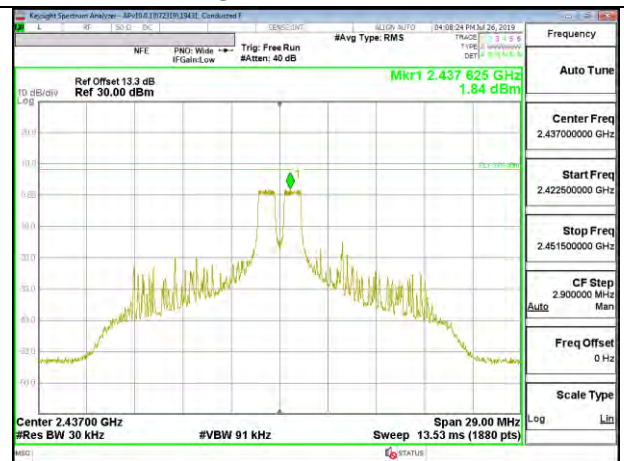
LOW CHANNEL 1



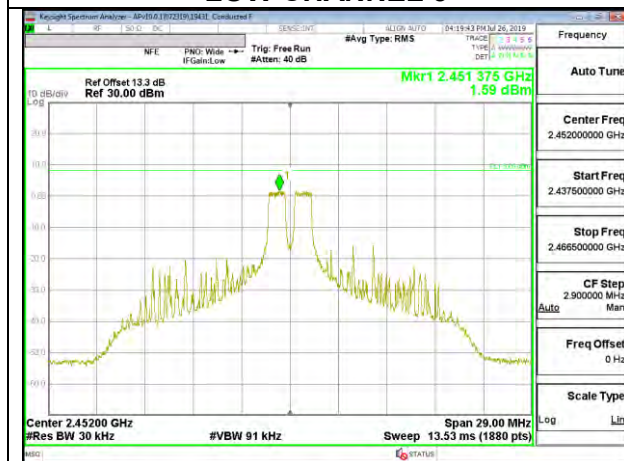
LOW CHANNEL 2



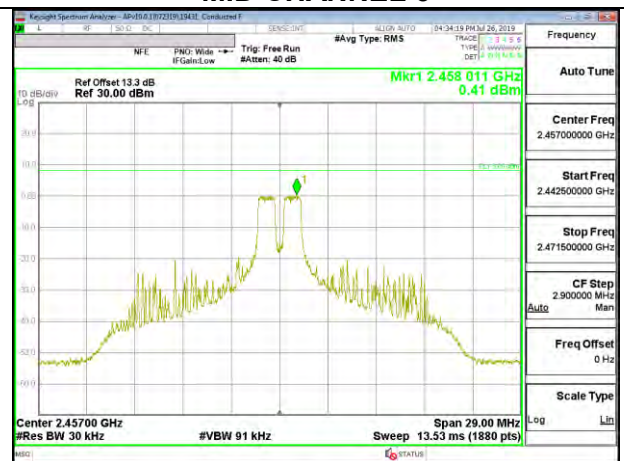
LOW CHANNEL 3



MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10