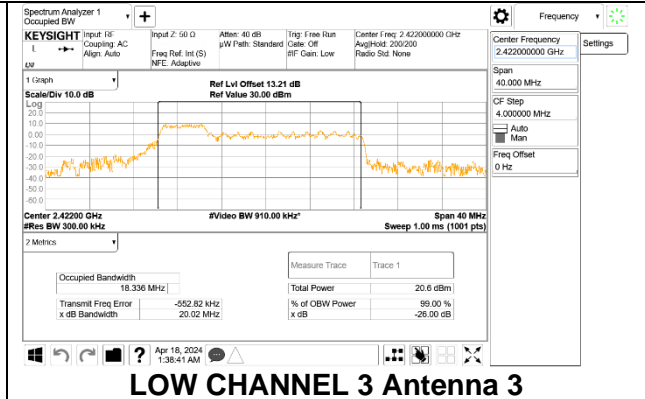
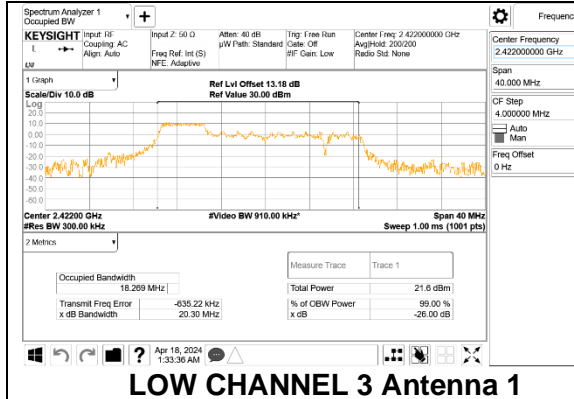
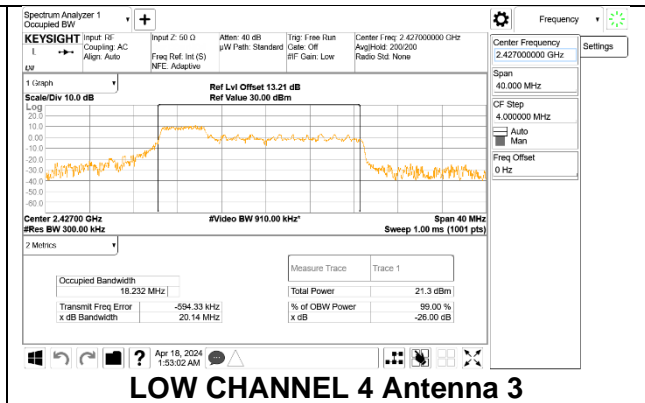
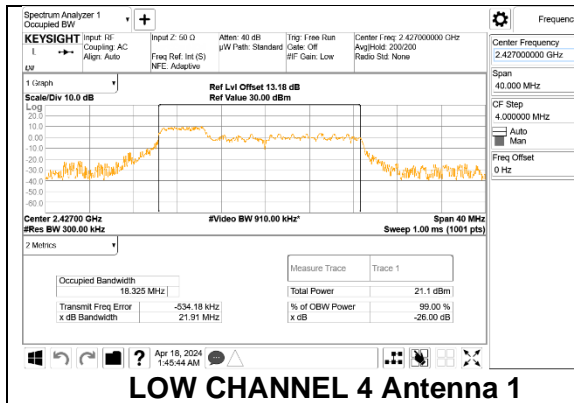


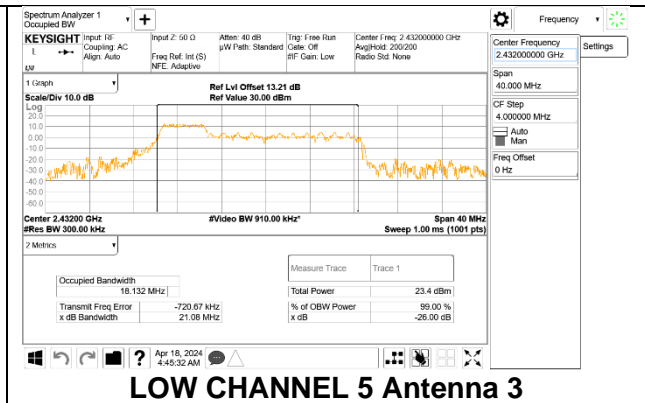
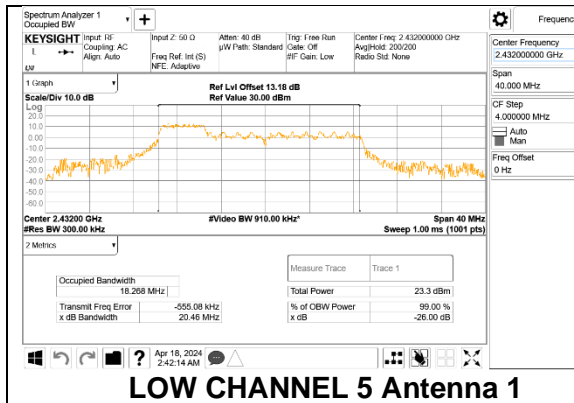
LOW CHANNEL 3



LOW CHANNEL 4



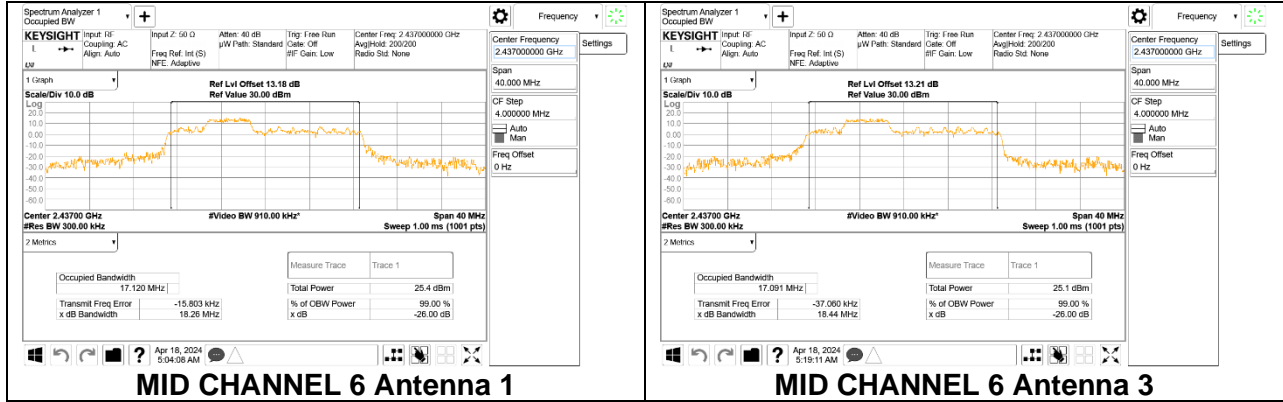
LOW CHANNEL 5



2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 38

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Mid 6	2437	17.120	17.091

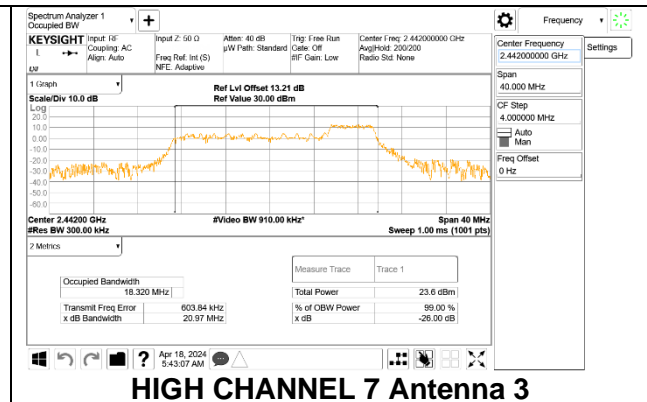
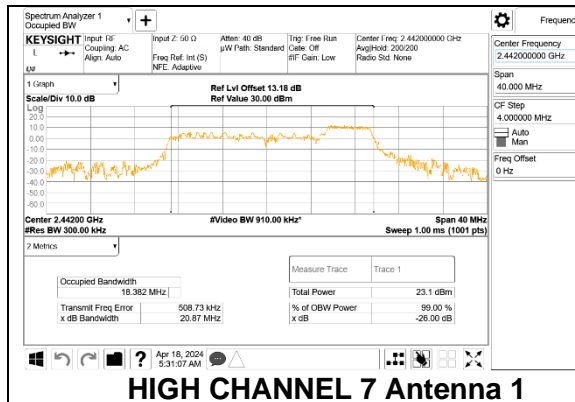
MID CHANNEL 6



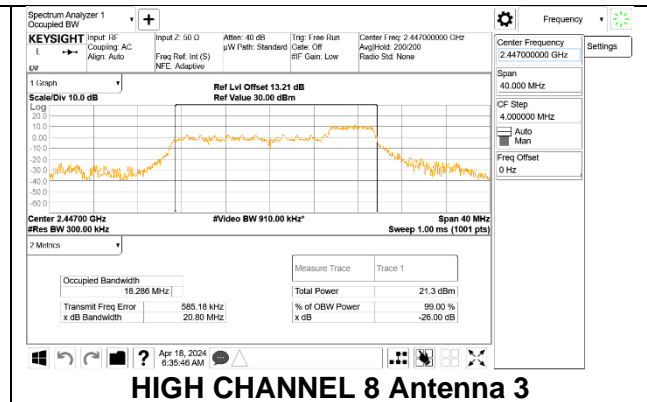
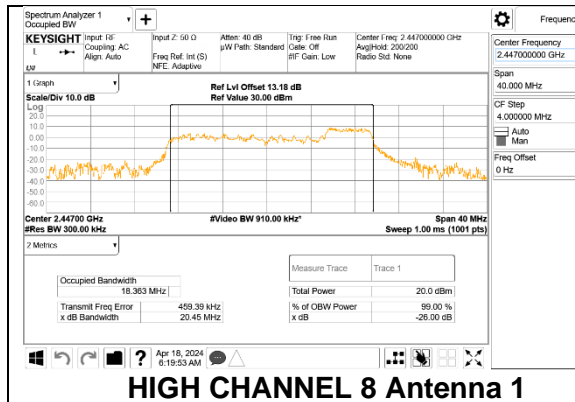
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 40

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
High 7	2442	18.362	18.320
High 8	2447	18.363	18.286
High 9	2452	18.395	18.324
High 10	2457	18.455	18.315
High 11	2462	18.372	18.092

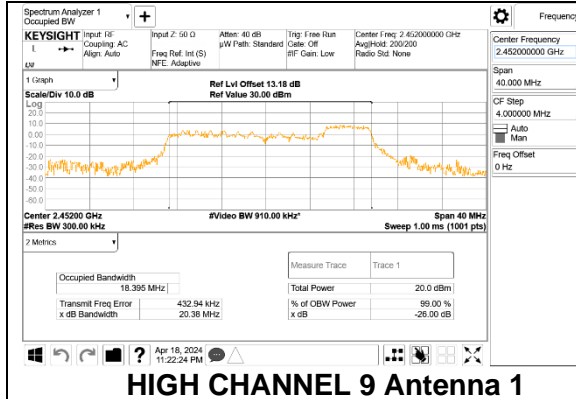
HIGH CHANNEL 7



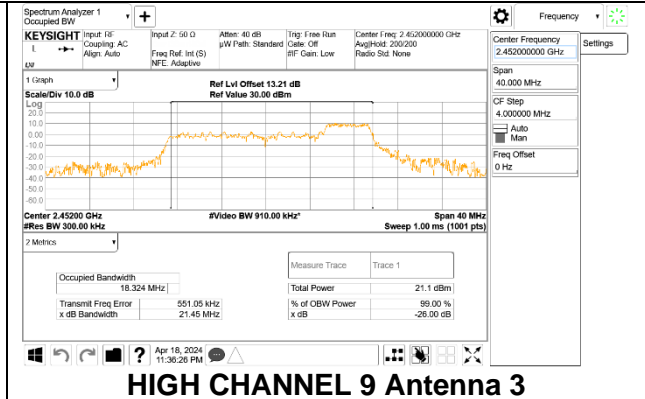
HIGH CHANNEL 8



HIGH CHANNEL 9

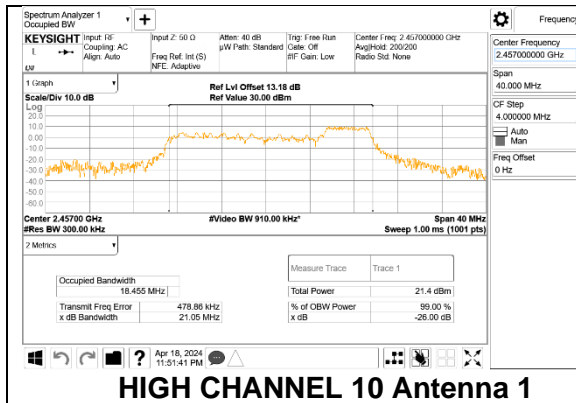


HIGH CHANNEL 9 Antenna 1

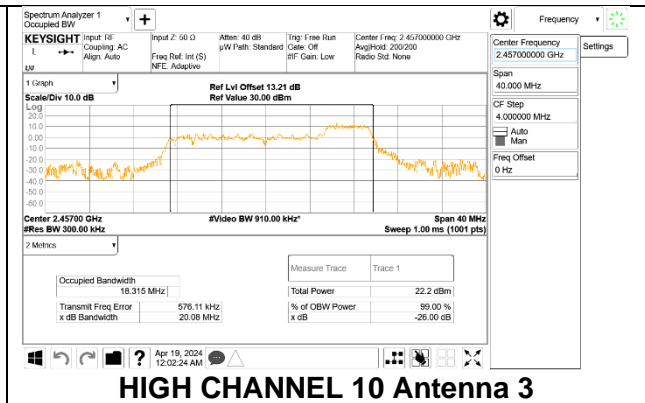


HIGH CHANNEL 9 Antenna 3

HIGH CHANNEL 10

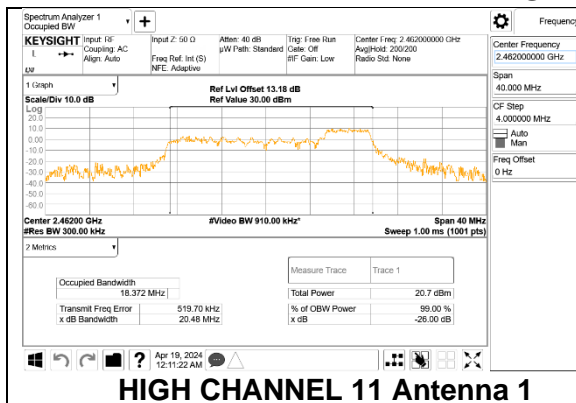


HIGH CHANNEL 10 Antenna 1

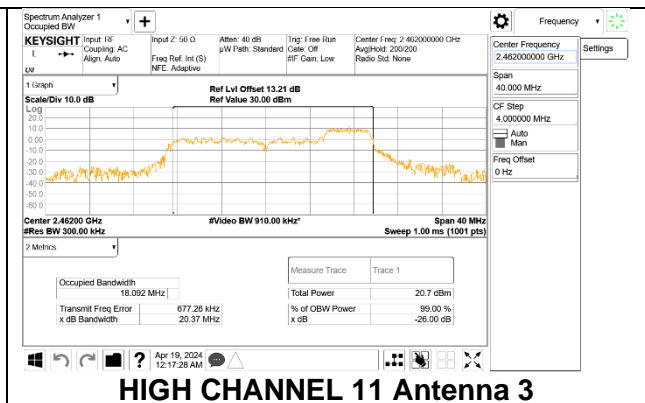


HIGH CHANNEL 10 Antenna 3

HIGH CHANNEL 11



HIGH CHANNEL 11 Antenna 1

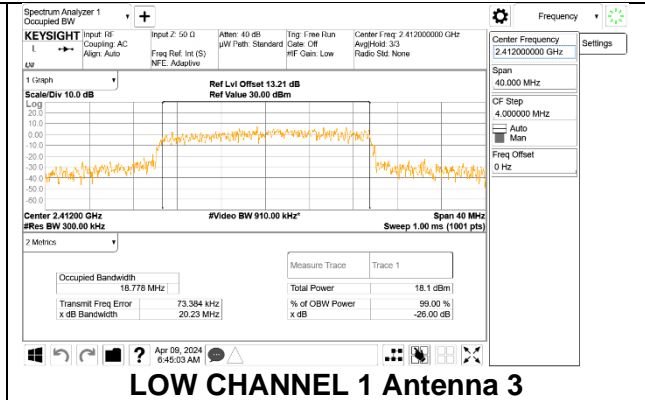
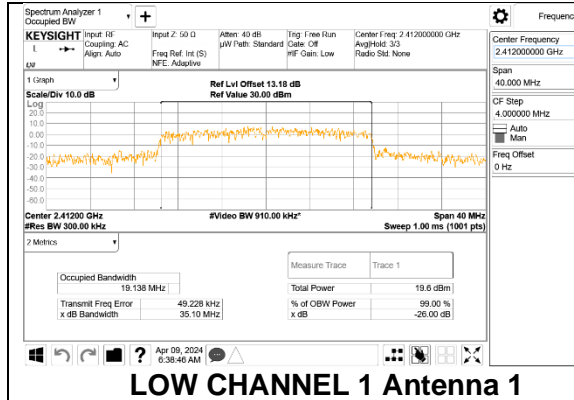


HIGH CHANNEL 11 Antenna 3

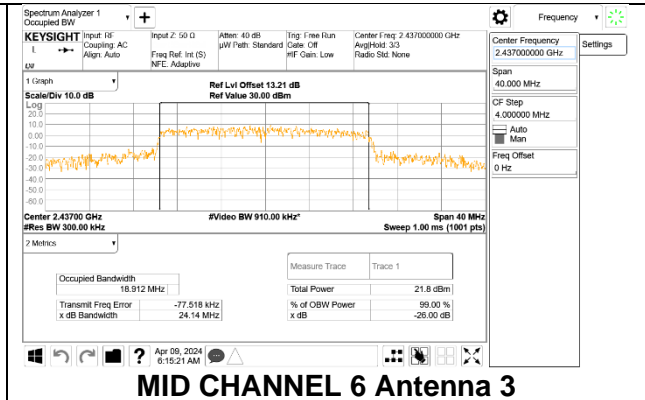
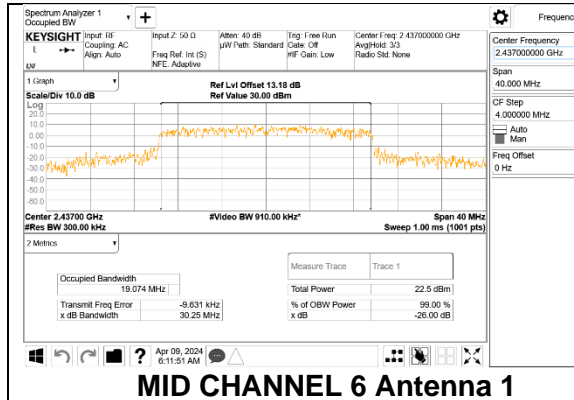
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 53

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low 1	2412	19.138	18.778
Mid 6	2437	19.074	18.912

LOW CHANNEL 1



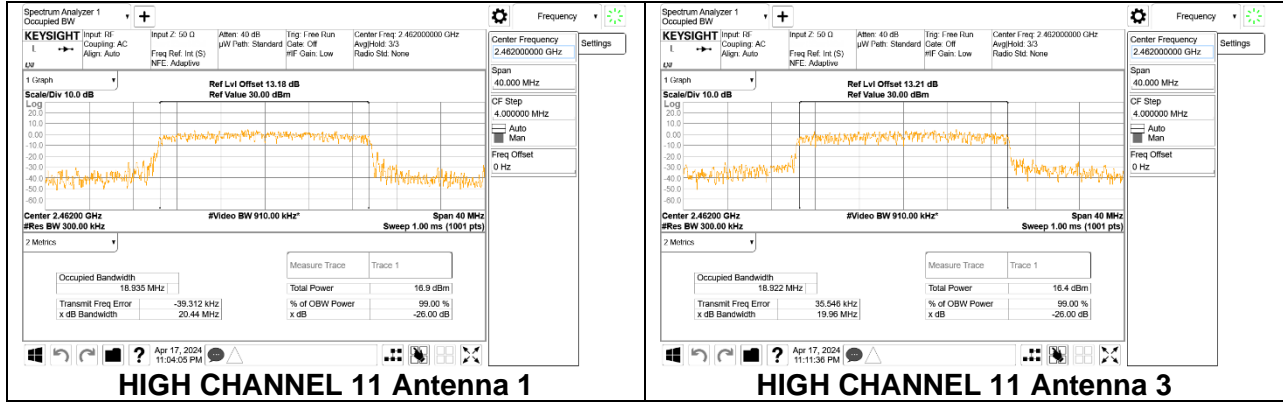
MID CHANNEL 6



2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 54

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
High 11	2462	18.935	18.922

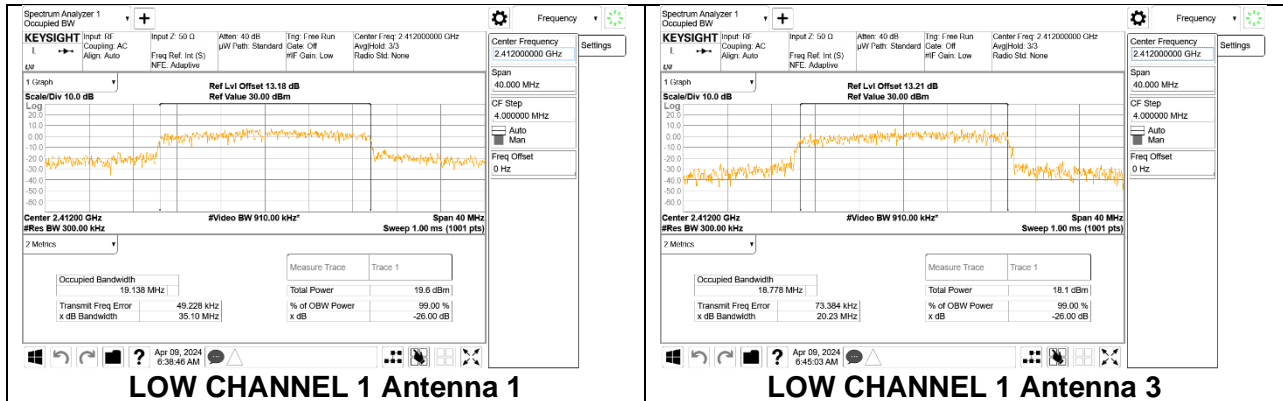
HIGH CHANNEL 11



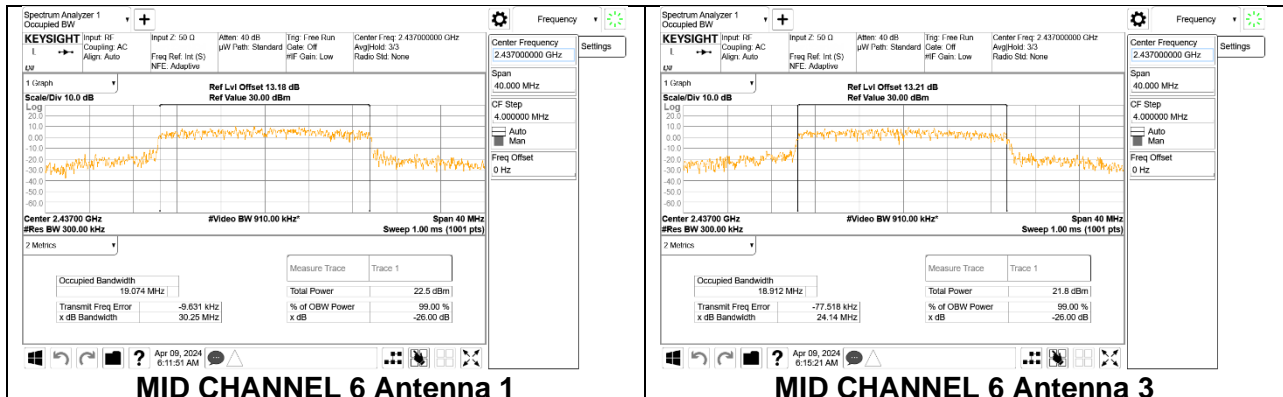
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low 1	2412	19.138	18.778
Mid 6	2437	19.074	18.912
High 11	2462	18.935	18.922

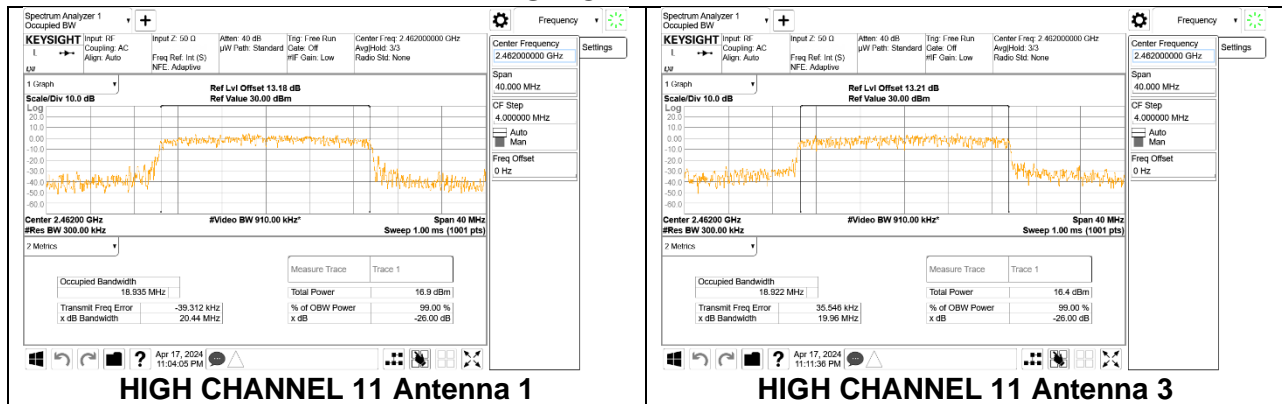
LOW CHANNEL 1



MID CHANNEL 6



HIGH CHANNEL 11



9.4. 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 power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband power sensor. Peak output power was read directly from power meter.

Power Measurement:

- For full allocation for low / mid / high in each band
 - For smallest RU allocation (26 RU) for low, mid, and high channels (for low channel use lowest RU, for high channel use highest and for center channel use center)
- If power varies with RU index on center channel, record power for the different RU allocations

Confirm rated power levels for RUs are the same for different channel bandwidths – if it is then 26 / 52 / 102 test cases are all covered by the 20MHz tests and 242 can be covered by SU.

DIRECTIONAL 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:

NOTE: Antenna 1 and Antenna 3 are the worst-case combinations.

Antenna 1 + Antenna 3 (Worst-Case)

Vertical Polarity

Band (GHz)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
2.4	5.20	8.00

Directional Gain value was determined by manufacturer measurement procedure.

RESULT

9.4.1. 802.11ax HE20 MODE 2TX

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.96	17.63	20.81	30.00	-9.19

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 4

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Mid 6	2437	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Mid 6	2437	19.22	18.84	22.04	30.00	-7.96

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
High 7	2442	5.20	30.00	36	30.00
High 8	2447	5.20	30.00	36	30.00
High 9	2452	5.20	30.00	36	30.00
High 10	2457	5.20	30.00	36	30.00
High 11	2462	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
High 7	2442	17.38	17.32	20.36	30.00	-9.64
High 8	2447	16.87	16.55	19.72	30.00	-10.28
High 9	2452	16.63	17.05	19.86	30.00	-10.14
High 10	2457	16.53	16.13	19.34	30.00	-10.66
High 11	2462	16.24	16.34	19.30	30.00	-10.70

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 37

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	5.20	30.00	36	30.00
Low 2	2417	5.20	30.00	36	30.00
Low 3	2422	5.20	30.00	36	30.00
Low 4	2427	5.20	30.00	36	30.00
Low 5	2432	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	23.23	21.65	25.52	30.00	-4.48
Low 2	2417	23.26	22.09	25.72	30.00	-4.28
Low 3	2422	21.37	22.35	24.90	30.00	-5.10
Low 4	2427	22.11	21.92	25.03	30.00	-4.97
Low 5	2432	22.12	23.39	25.81	30.00	-4.19

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 38

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Mid 6	2437	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Mid 6	2437	24.16	23.46	26.83	30.00	-3.17

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 40

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
High 7	2442	5.20	30.00	36	30.00
High 8	2447	5.20	30.00	36	30.00
High 9	2452	5.20	30.00	36	30.00
High 10	2457	5.20	30.00	36	30.00
High 11	2462	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
High 7	2442	22.13	23.42	25.83	30.00	-4.17
High 8	2447	21.32	19.57	23.54	30.00	-6.46
High 9	2452	19.77	22.08	24.09	30.00	-5.91
High 10	2457	23.17	22.05	25.66	30.00	-4.34
High 11	2462	20.19	20.51	23.36	30.00	-6.64

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 53

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	5.20	30.00	36	30.00
Mid 6	2437	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	21.41	21.52	24.48	30.00	-5.52
Mid 6	2437	22.17	22.30	25.25	30.00	-4.75

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 54

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
High 11	2462	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
High 11	2462	24.07	23.83	26.96	30.00	-3.04

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	5.20	30.00	36	30.00
Mid 6	2437	5.20	30.00	36	30.00
High 11	2462	5.20	30.00	36	30.00

Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	24.29	22.41	26.46	30.00	-3.54
Mid 6	2437	23.40	22.70	26.07	30.00	-3.93
High 11	2462	24.02	22.52	26.34	30.00	-3.66

9.5. AVERAGE POWER

LIMITS

None; for reporting purposes only

TEST PROCEDURE

The transmitter output is connected to a power meter.

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband power sensor. Gated average output power was read directly from power meter.

RESULTS

9.5.1. 802.11ax HE20 MODE 2TX

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
Low 1	2412	14.63	14.21	17.44

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 4

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
Mid 6	2437	16.08	15.72	18.91

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
High 7	2442	14.22	13.85	17.05
High 8	2447	13.39	13.37	16.39
High 9	2452	13.46	13.34	16.41
High 10	2457	12.96	12.89	15.94
High 11	2462	13.01	12.91	15.97

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 37

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
Low 1	2412	14.74	14.85	17.81
Low 2	2417	15.92	15.02	18.50
Low 3	2422	13.11	13.63	16.39
Low 4	2427	14.18	13.44	16.84
Low 5	2432	15.66	15.57	18.63

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 38

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
Mid 6	2437	18.08	18.12	21.11

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 40

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
High 7	2442	15.72	16.14	18.95
High 8	2447	13.73	12.07	15.99
High 9	2452	12.22	13.19	15.74
High 10	2457	14.21	14.22	17.23
High 11	2462	12.60	12.81	15.72

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU 53

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
Low 1	2412	14.08	12.67	16.44
Mid 6	2437	15.68	15.22	18.47

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU 54

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
High 11	2462	15.03	15.41	18.23

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Test Engineer:	16080 ZS
Test Date:	2024-04-12

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 3 Power (dBm)	Total Power (dBm)
Low 1	2412	15.02	14.44	17.75
Mid 6	2437	16.82	16.24	19.55
High 11	2462	15.17	14.55	17.88

9.6. POWER SPECTRAL DENSITY

LIMITS

FCC §15.407 (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

9.6.1. 802.11ax HE20 MODE 2TX

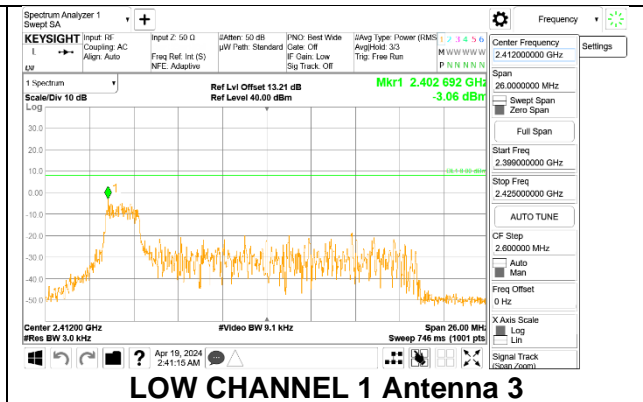
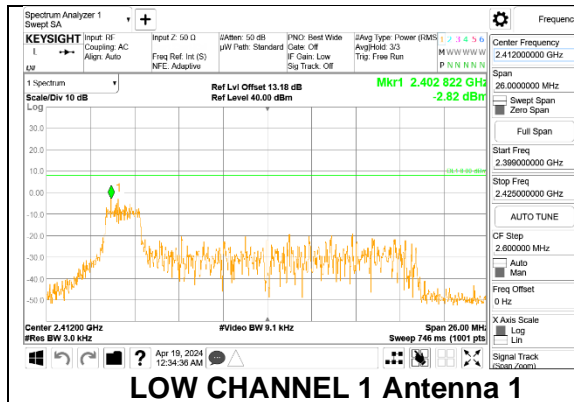
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 0

Duty Cycle CF (dB)	3.13	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/3kHz)	Antenna 3 Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
Low 1	2412	-2.82	-3.06	3.20	8.0	-4.8

LOW CHANNEL 1



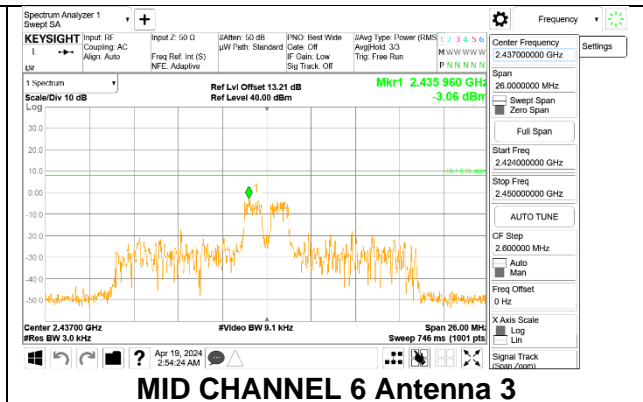
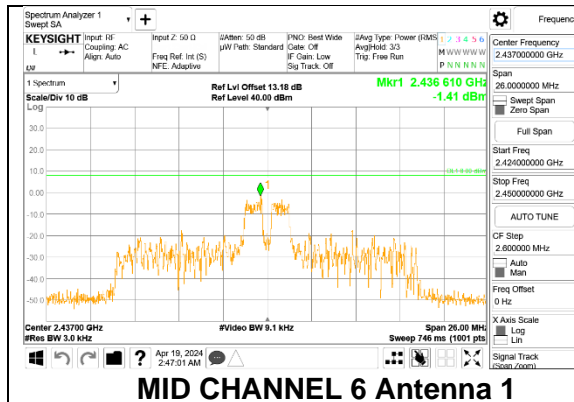
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 4

Duty Cycle CF (dB)	3.13	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/ 3kHz)	Antenna 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-1.41	-3.06	3.98	8.0	-4.0

MID CHANNEL 6



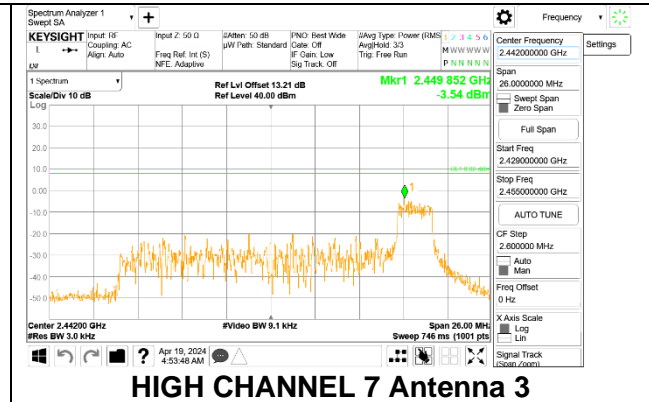
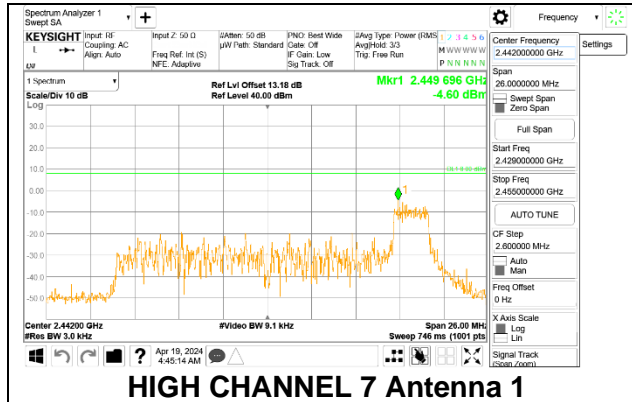
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 8

Duty Cycle CF (dB)	3.13	Included in Calculations of Corr'd PSD
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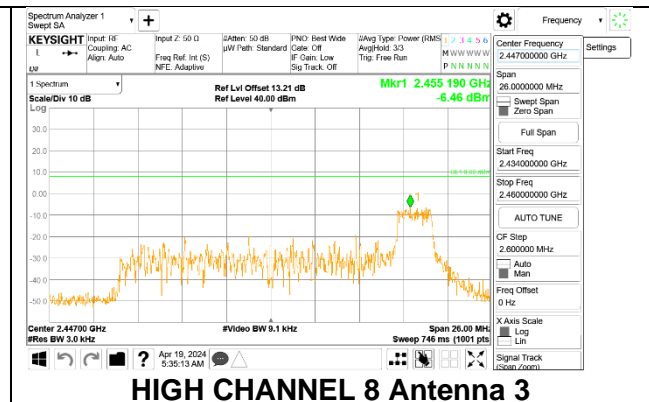
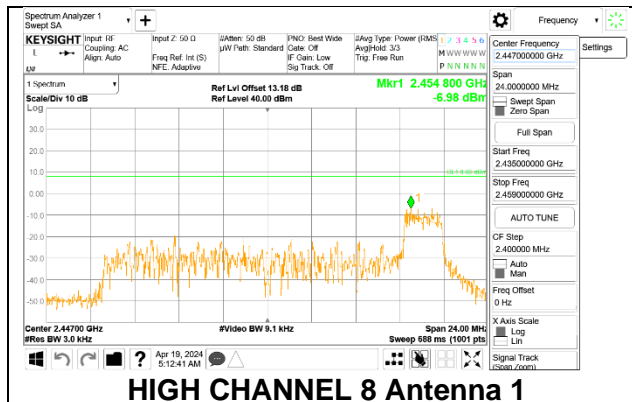
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/3kHz)	Antenna 3 Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
High 7	2442	-4.60	-3.54	2.10	8.0	-5.9
High 8	2447	-6.98	-6.46	-0.57	8.0	-8.6
High 9	2452	-7.32	-6.02	-0.48	8.0	-8.5
High 10	2457	-6.41	-4.74	0.65	8.0	-7.4
High 11	2462	-5.40	-6.20	0.36	8.0	-7.6

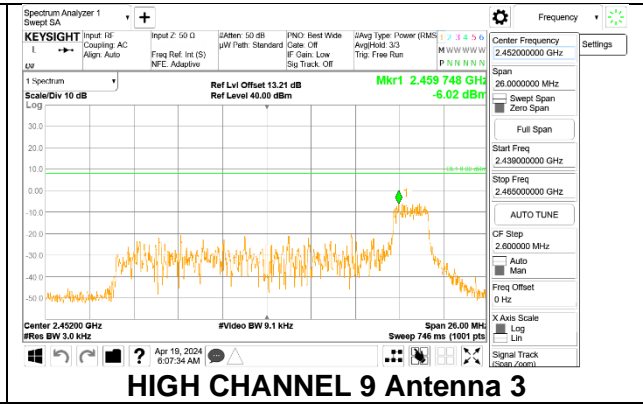
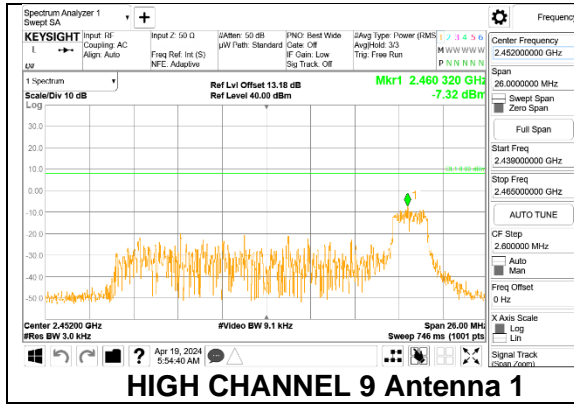
HIGH CHANNEL 7



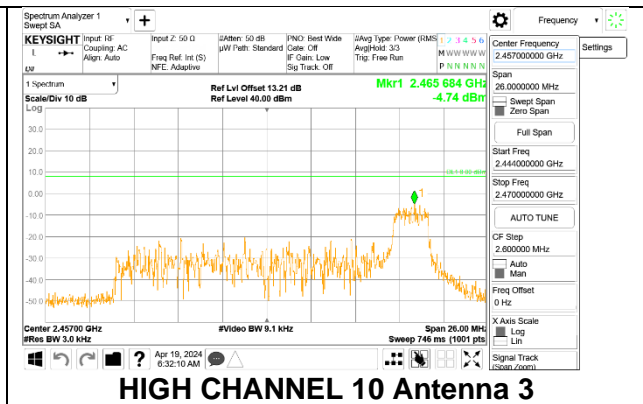
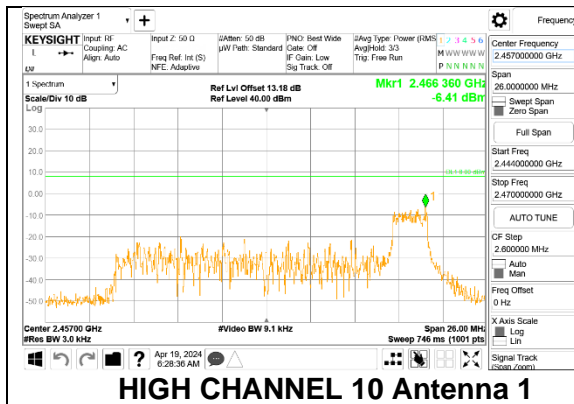
HIGH CHANNEL 8



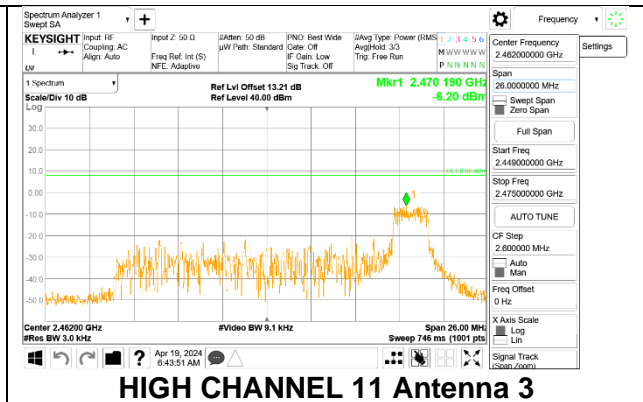
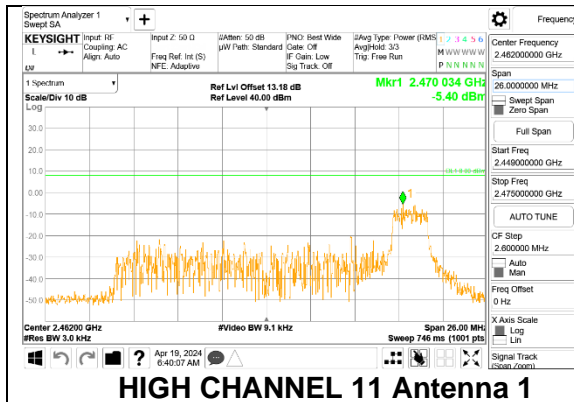
HIGH CHANNEL 9



HIGH CHANNEL 10



HIGH CHANNEL 11



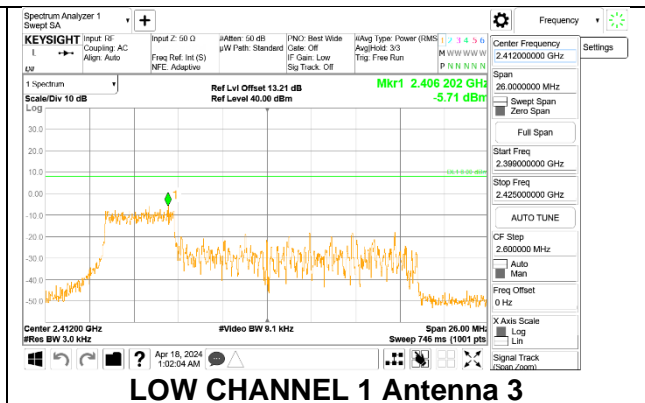
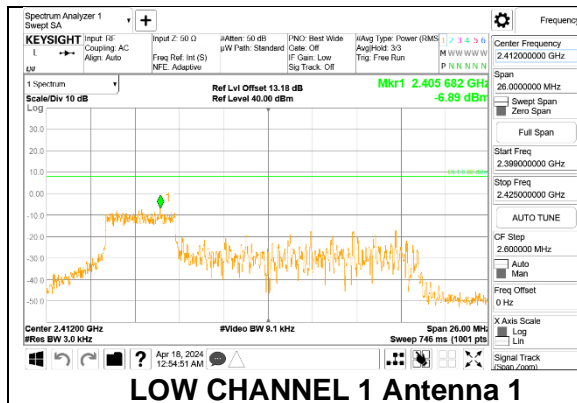
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 37

Duty Cycle CF (dB)	1.34	Included in Calculations of Corr'd PSD
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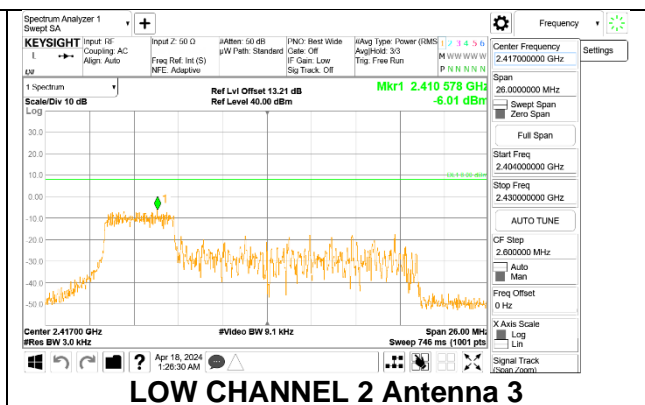
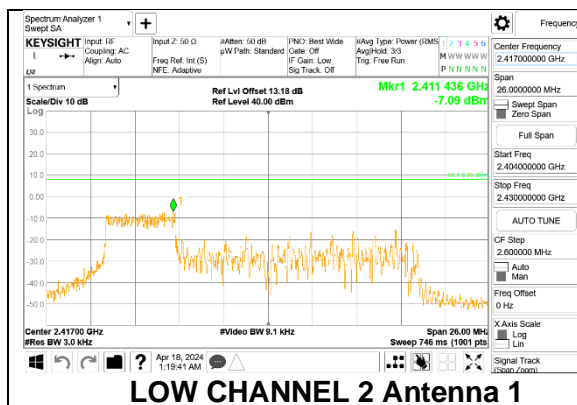
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/3kHz)	Antenna 3 Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
Low 1	2412	-6.89	-5.71	-1.91	8.0	-9.9
Low 2	2417	-7.09	-6.01	-2.17	8.0	-10.2
Low 3	2422	-7.44	-7.06	-2.90	8.0	-10.9
Low 4	2427	-7.39	-8.32	-3.48	8.0	-11.5
Low 5	2432	-5.77	-5.46	-1.26	8.0	-9.3

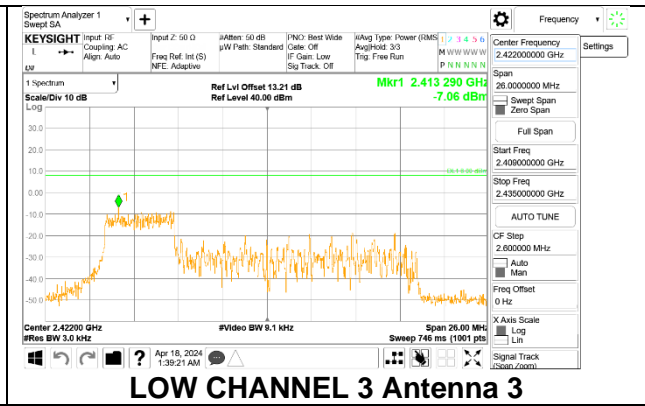
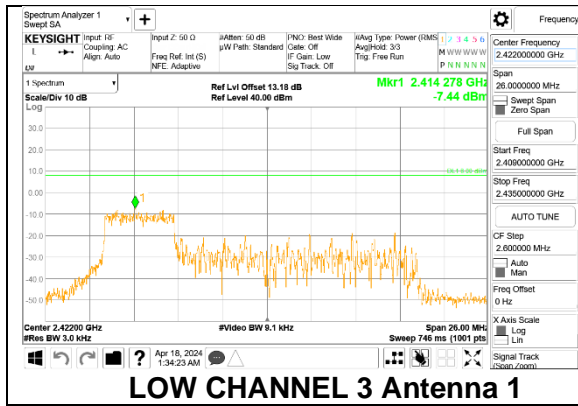
LOW CHANNEL 1



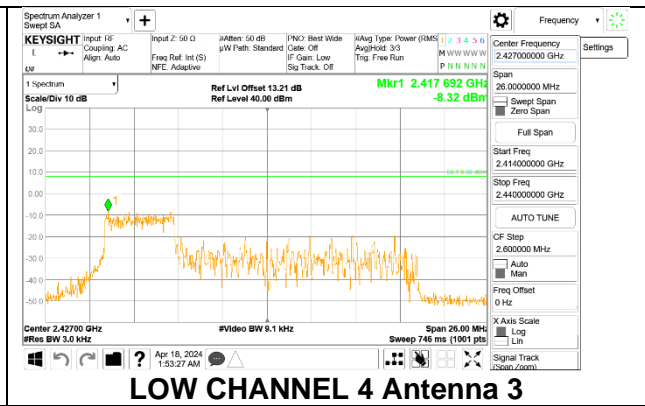
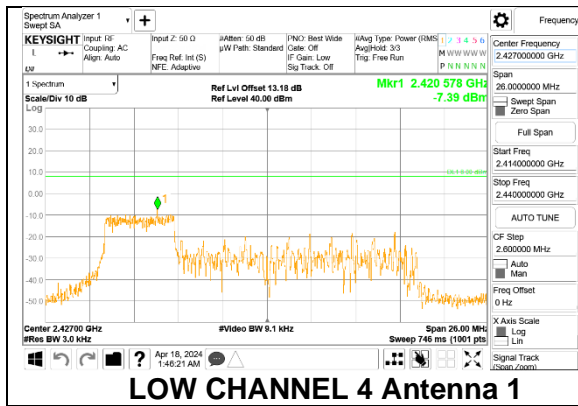
LOW CHANNEL 2



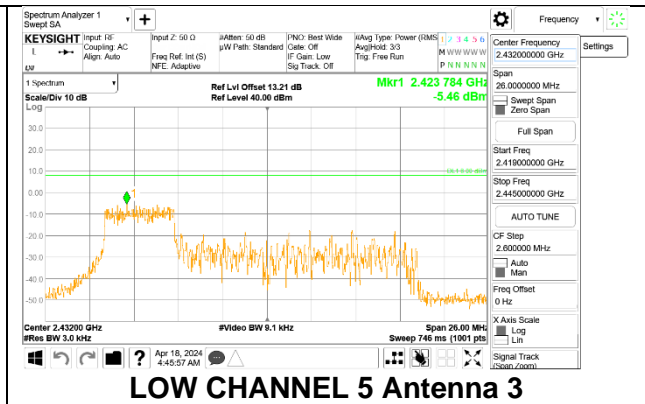
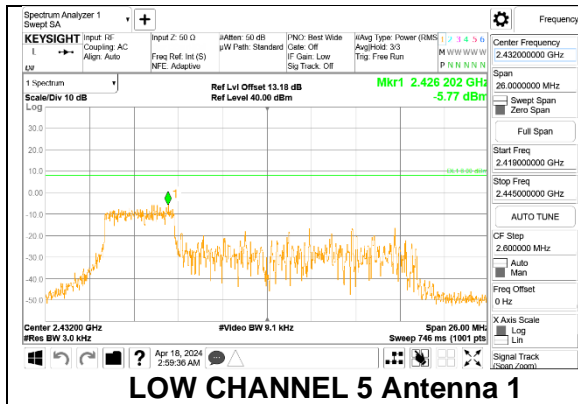
LOW CHANNEL 3



LOW CHANNEL 4



LOW CHANNEL 5



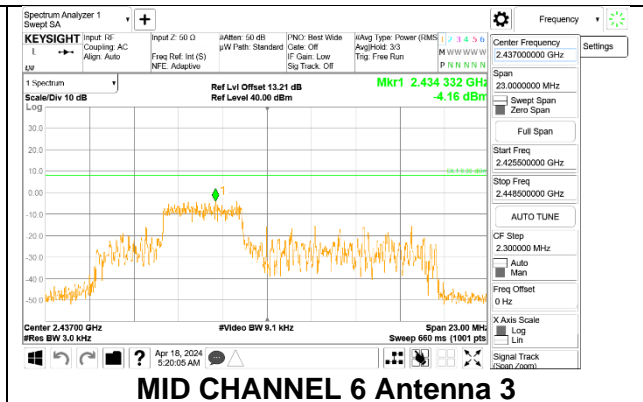
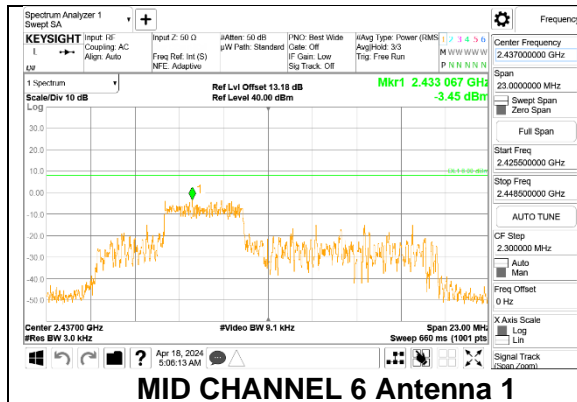
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 38

Duty Cycle CF (dB)	1.34	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/ 3kHz)	Antenna 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Mid 6	2437	-3.45	-4.16	0.56	8.0	-7.4

MID CHANNEL 6



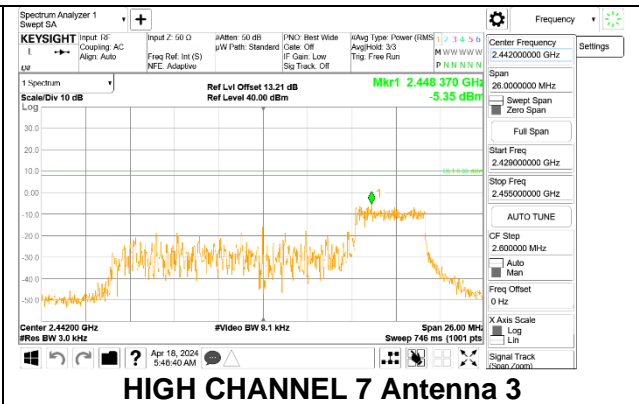
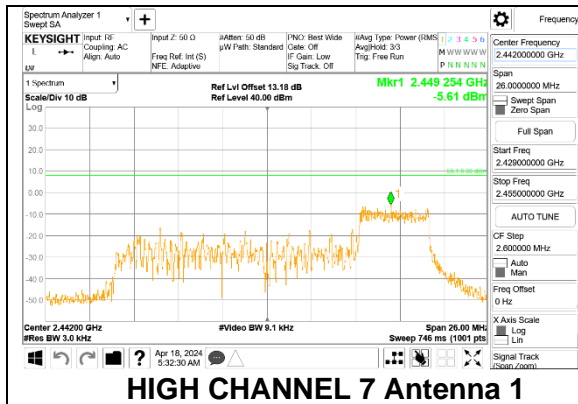
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 40

Duty Cycle CF (dB)	1.34	Included in Calculations of Corr'd PSD
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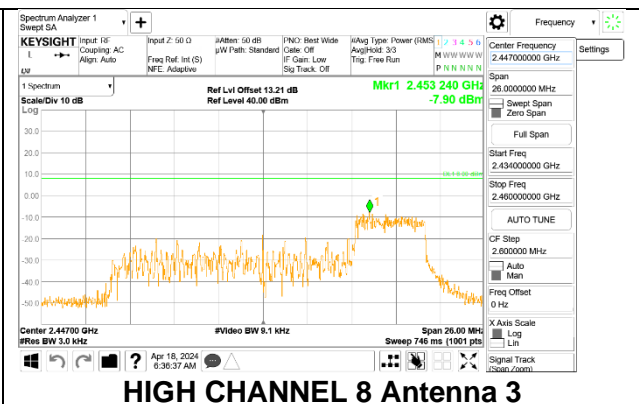
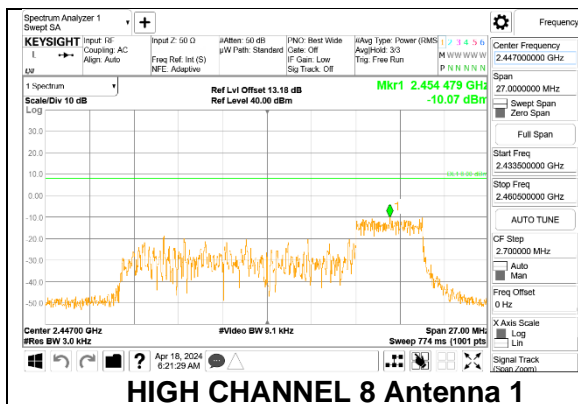
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/3kHz)	Antenna 3 Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
High 7	2442	-5.61	-5.35	-1.13	8.0	-9.1
High 8	2447	-10.07	-7.90	-4.50	8.0	-12.5
High 9	2452	-10.54	-9.05	-5.38	8.0	-13.4
High 10	2457	-8.74	-7.55	-3.75	8.0	-11.8
High 11	2462	-9.29	-9.48	-5.03	8.0	-13.0

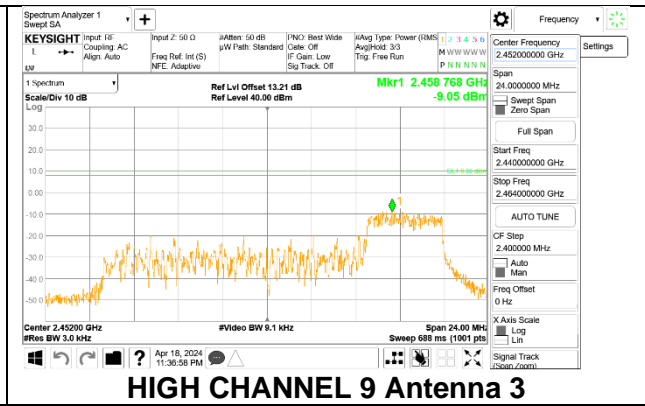
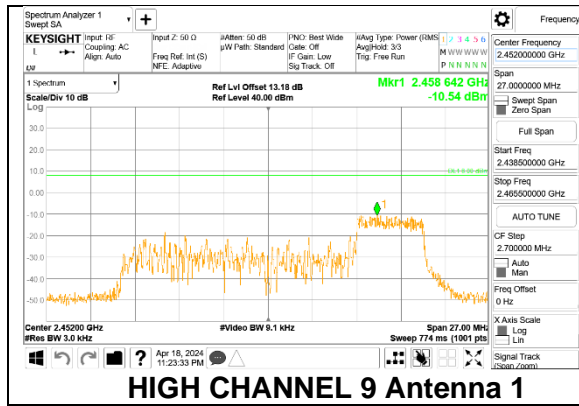
HIGH CHANNEL 7



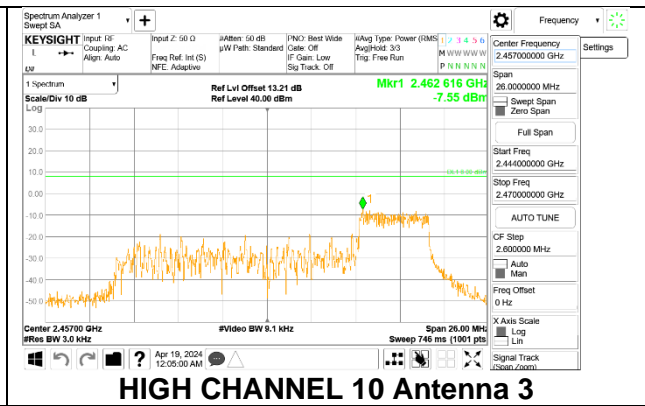
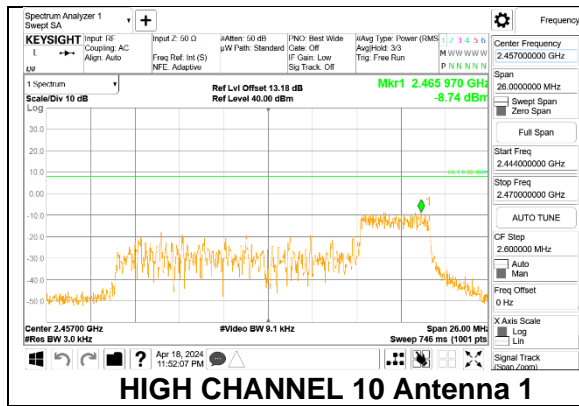
HIGH CHANNEL 8



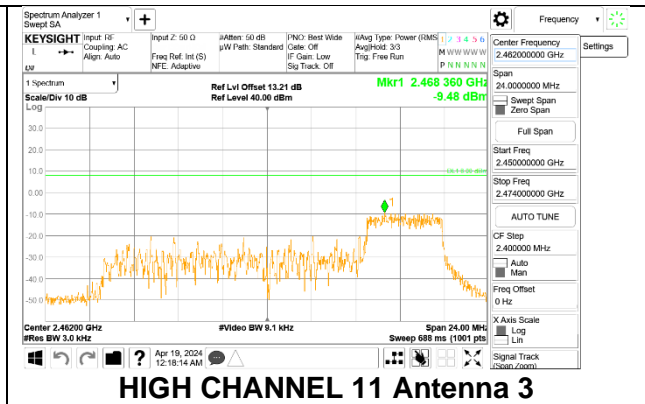
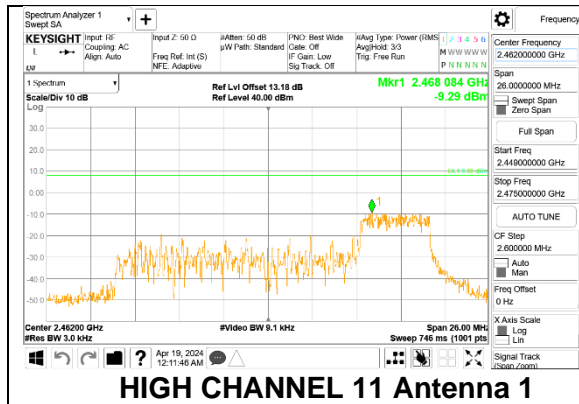
HIGH CHANNEL 9



HIGH CHANNEL 10



HIGH CHANNEL 11



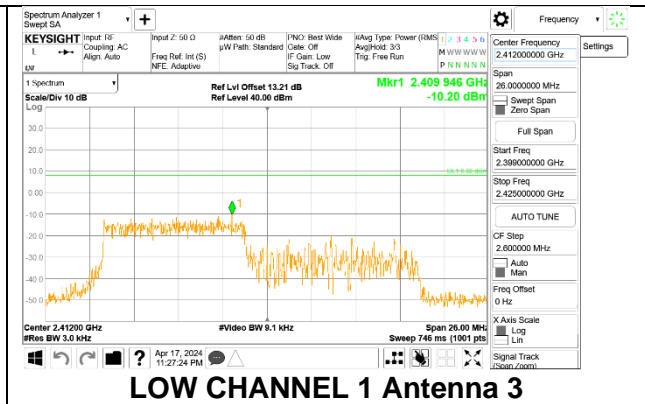
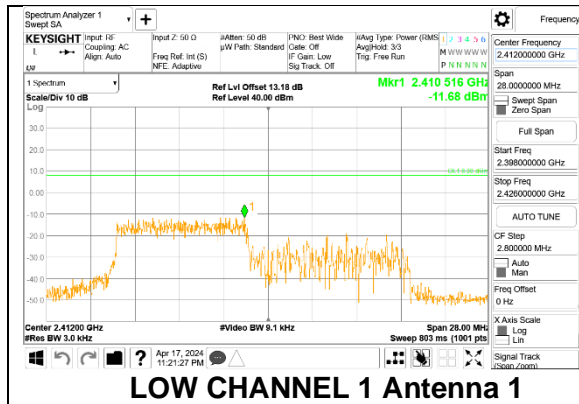
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 53

Duty Cycle CF (dB)	3.74	Included in Calculations of Corr'd PSD
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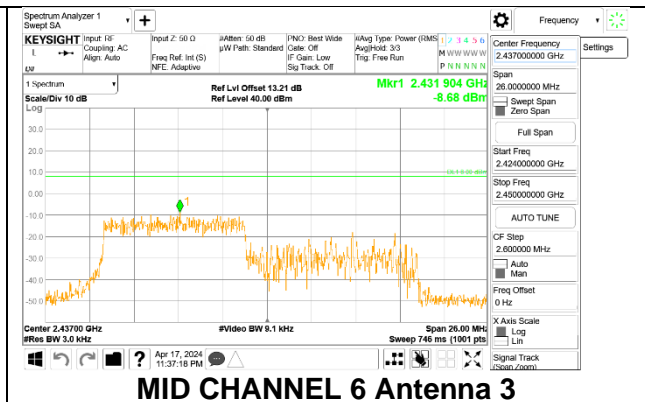
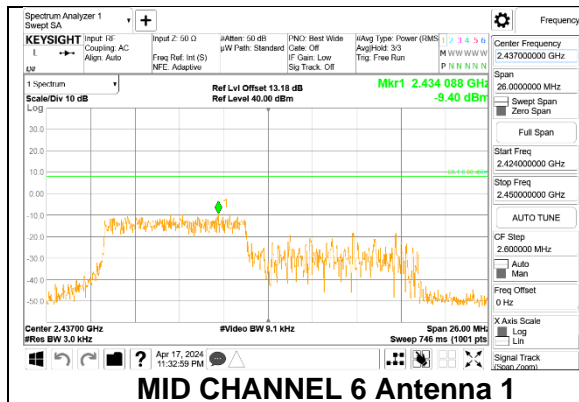
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/3kHz)	Antenna 3 Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
Low 1	2412	-11.68	-10.20	-4.13	8.0	-12.1
Mid 6	2437	-8.40	-8.68	-1.79	8.0	-9.8

LOW CHANNEL 1



MID CHANNEL 6



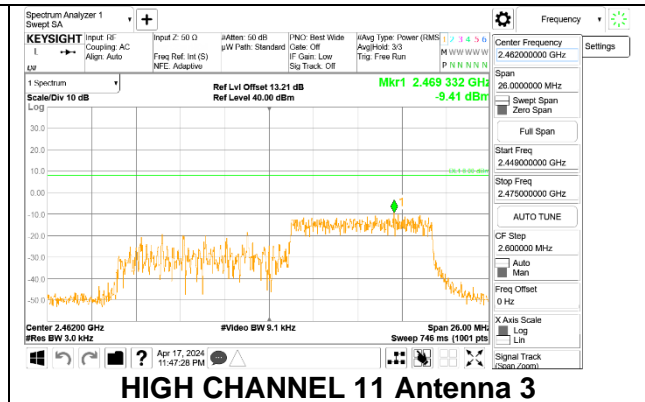
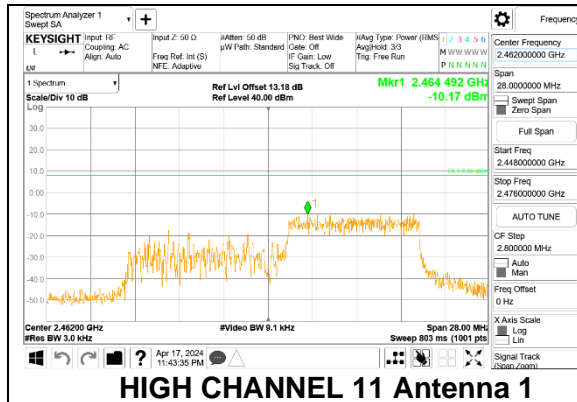
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 54

Duty Cycle CF (dB)	3.74	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/ 3kHz)	Antenna 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 11	2462	-10.17	-9.41	-3.02	8.0	-11.0

HIGH CHANNEL 11



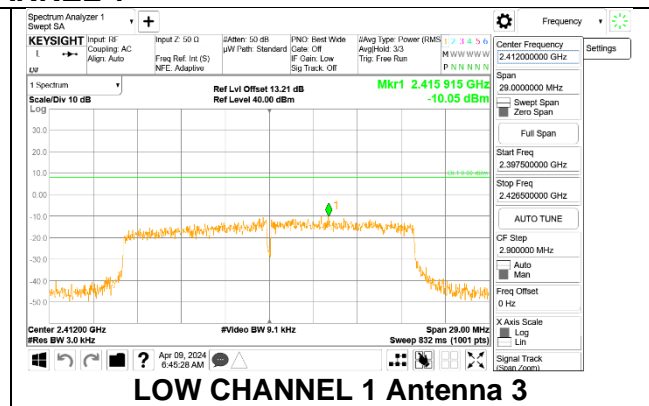
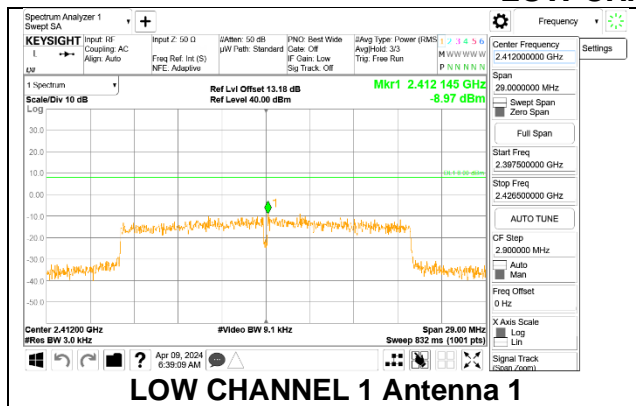
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Duty Cycle CF (dB)	0.74	Included in Calculations of Corr'd PSD
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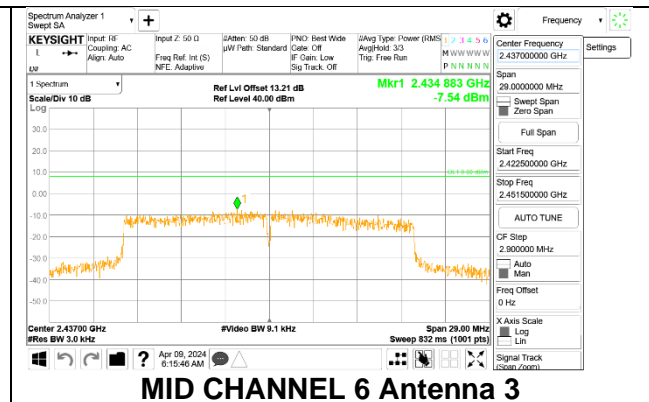
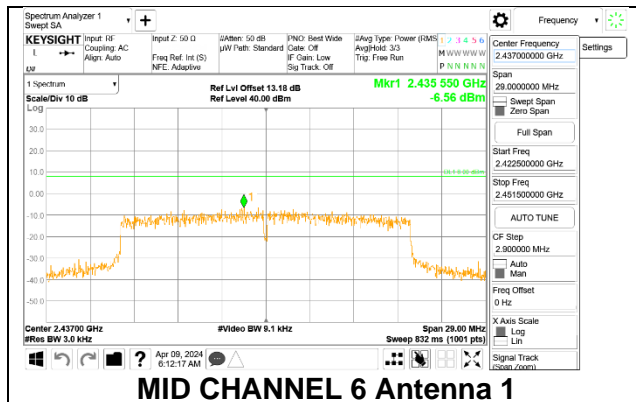
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas (dBm/3kHz)	Antenna 3 Meas (dBm/3kHz)	Total Corr'd PSD (dBm/3kHz)	Limit (dBm/3kHz)	Margin (dB)
Low 1	2412	-8.97	-10.05	-5.73	8.0	-13.7
Mid 6	2437	-6.56	-7.54	-3.27	8.0	-11.3
High 11	2462	-12.73	-12.04	-8.62	8.0	-16.6

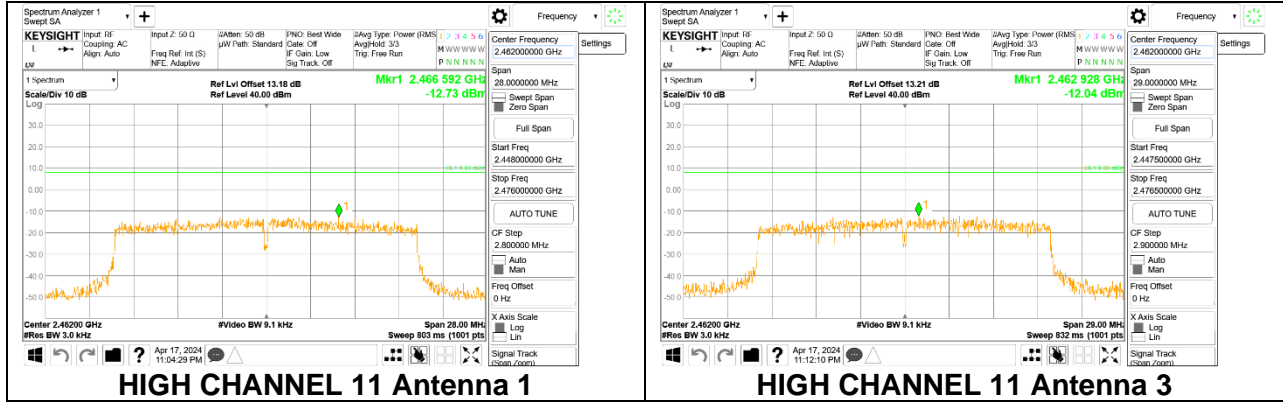
LOW CHANNEL 1



MID CHANNEL 6



HIGH CHANNEL 11



9.7. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

RSS-247 5.5

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

PROCEDURE

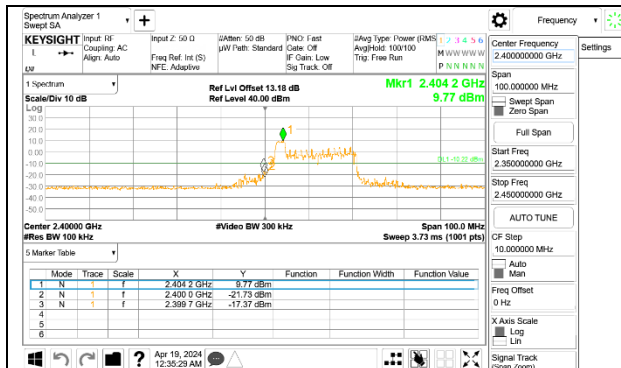
Output power was measured based on the use of peak measurement, therefore the required attenuation is 20 dB.

RESULTS

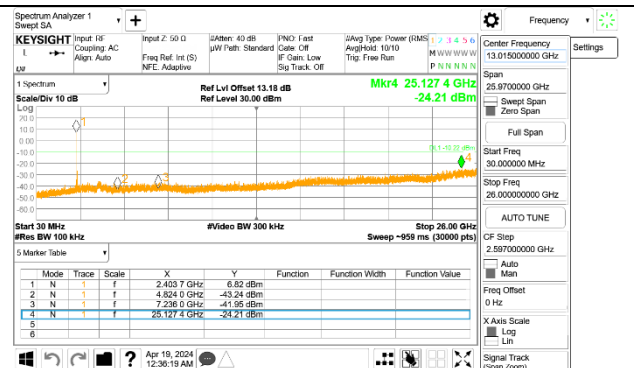
9.7.1. 802.11ax HE20 MODE 2TX

2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 0

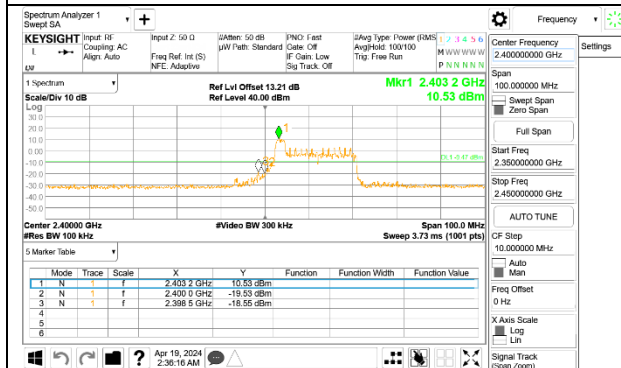
LOW CHANNEL 1



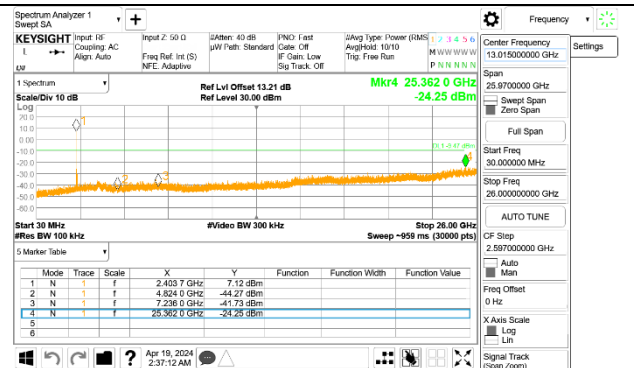
LOW CHANNEL 1 BANDEDGE Antenna 1



OUT-OF-BAND LOW CHANNEL 1 Antenna 1



LOW CHANNEL 1 BANDEDGE Antenna 3



OUT-OF-BAND LOW CHANNEL 1 Antenna 3