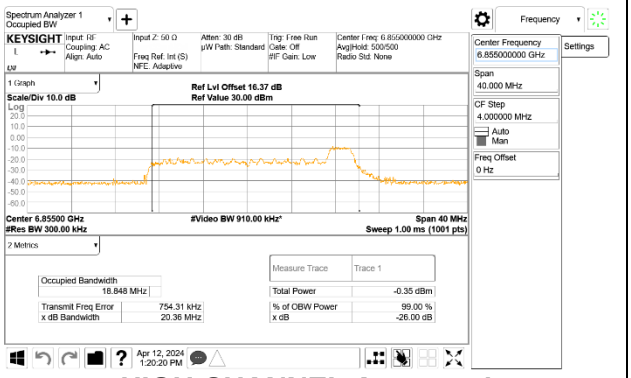
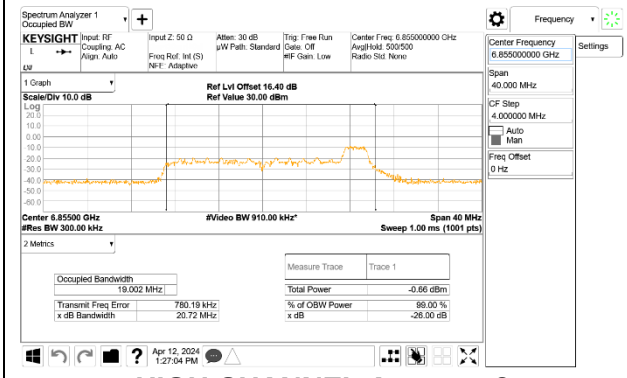
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
High	6855	18.848	19.002
H Straddle	6875	19.015	18.877

HIGH

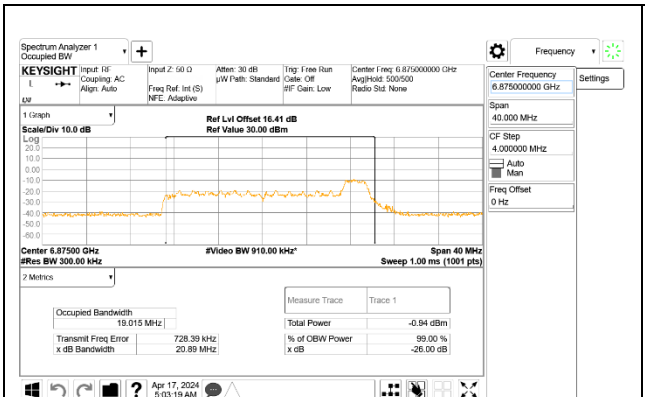


HIGH CHANNEL Antenna 1

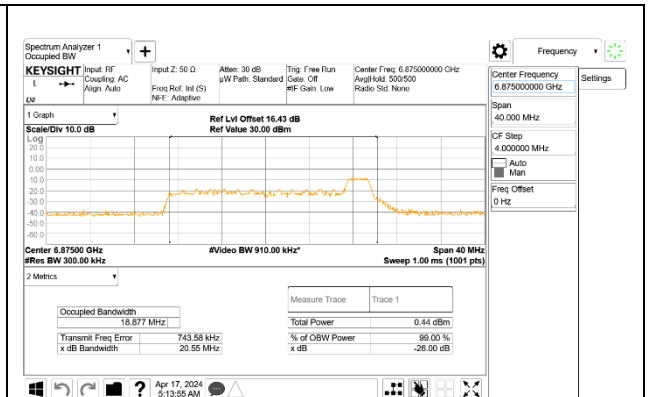


HIGH CHANNEL Antenna 3

H STRADDLE



H STRADDLE Antenna 1



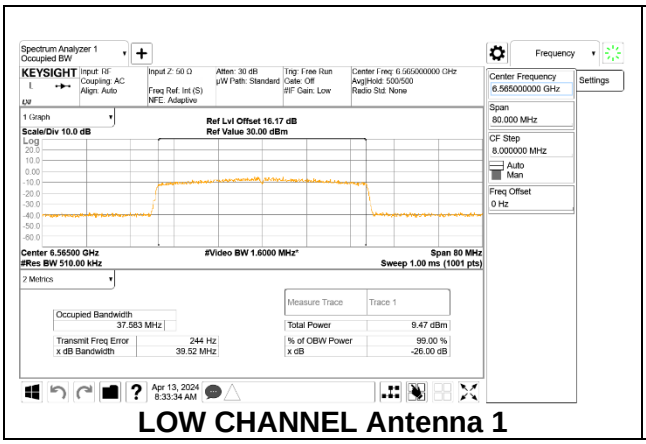
H STRADDLE Antenna 3

9.3.8. 802.11ax HE40 MODE 2TX IN THE UNII-7 BAND

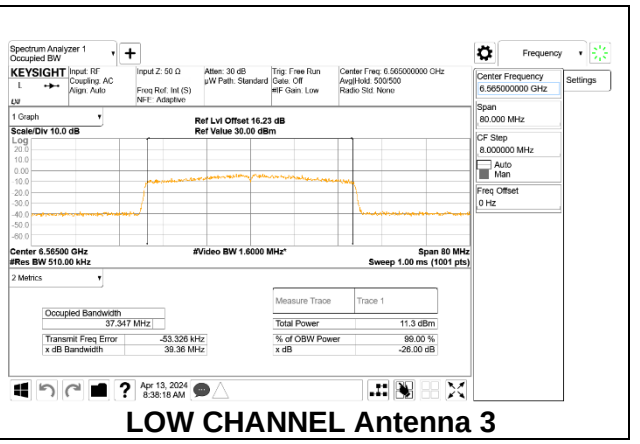
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6565	37.583	37.347
Mid	6685	37.584	37.438
High	6845	37.557	37.577
H Straddle	6885	37.632	37.582

LOW

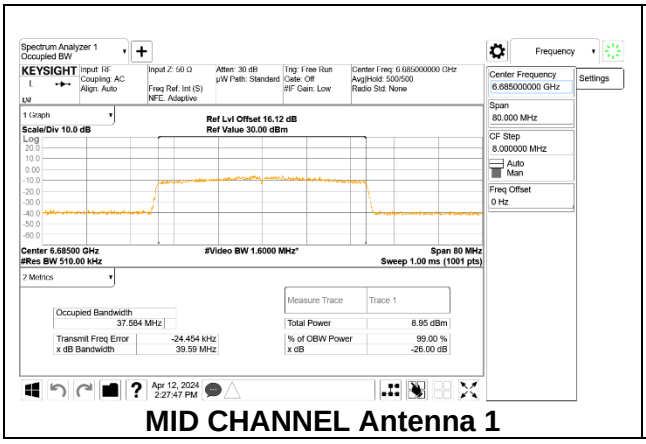


LOW CHANNEL Antenna 1

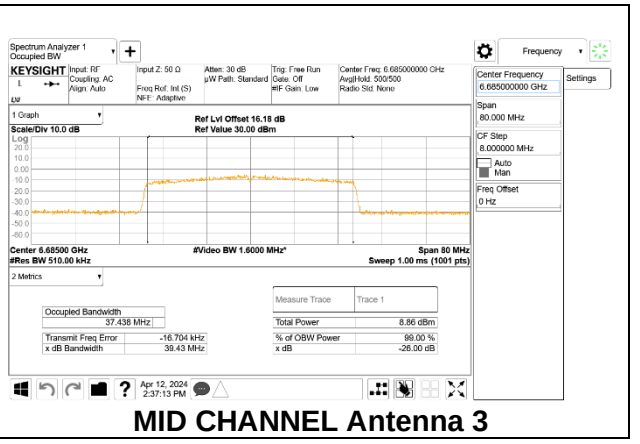


LOW CHANNEL Antenna 3

MID

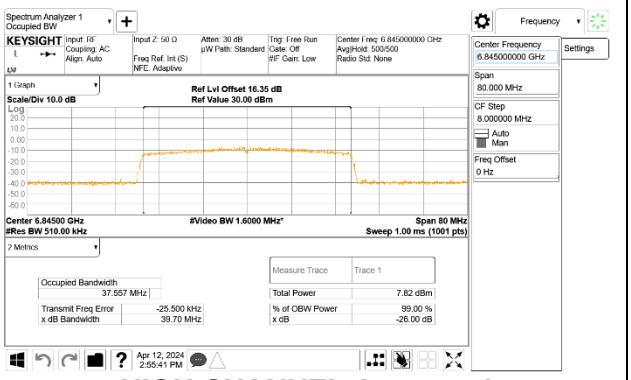


MID CHANNEL Antenna 1

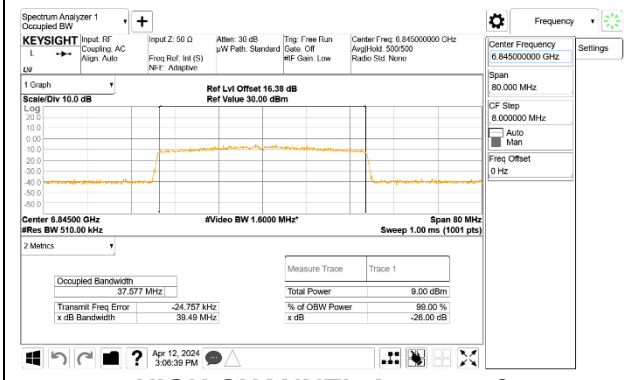


MID CHANNEL Antenna 3

HIGH

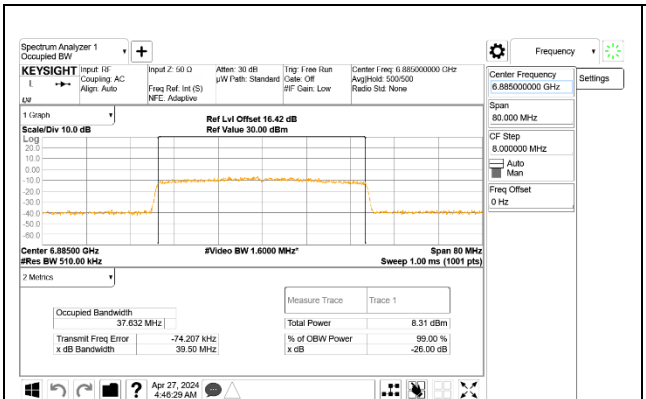


HIGH CHANNEL Antenna 1

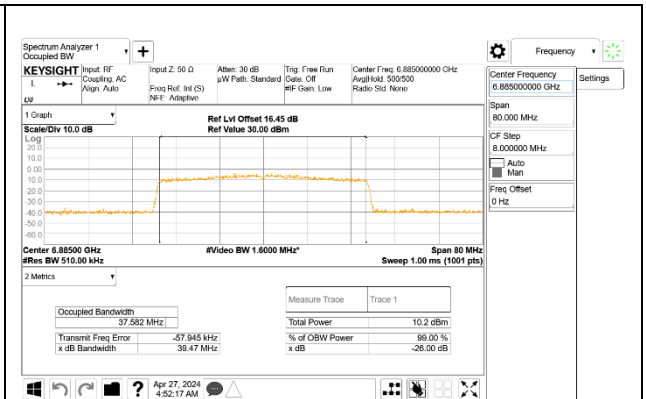


HIGH CHANNEL Antenna 3

H STRADDLE



H STRADDLE Antenna 1



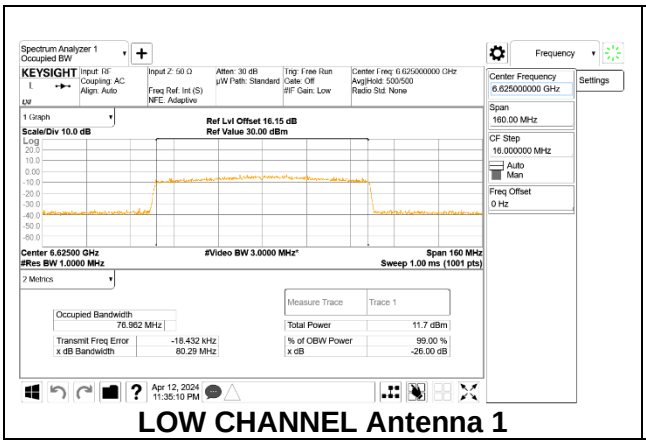
H STRADDLE Antenna 3

9.3.9. 802.11ax HE80 MODE 2TX IN THE UNII-7 BAND

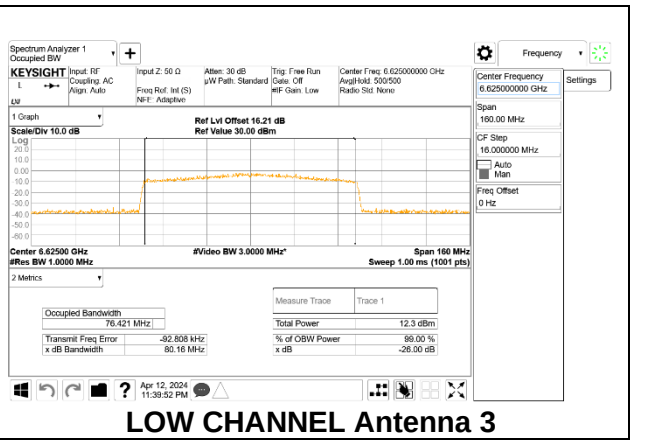
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6625	76.962	76.421
Mid	6705	76.678	77.039
High	6785	76.693	77.131
H Straddle	6865	77.153	76.894

LOW

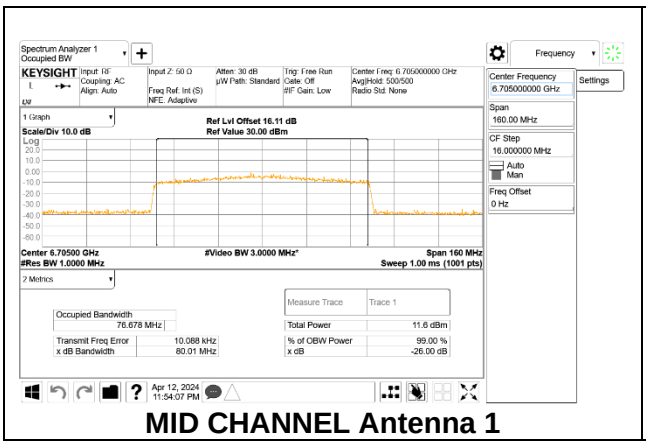


LOW CHANNEL Antenna 1

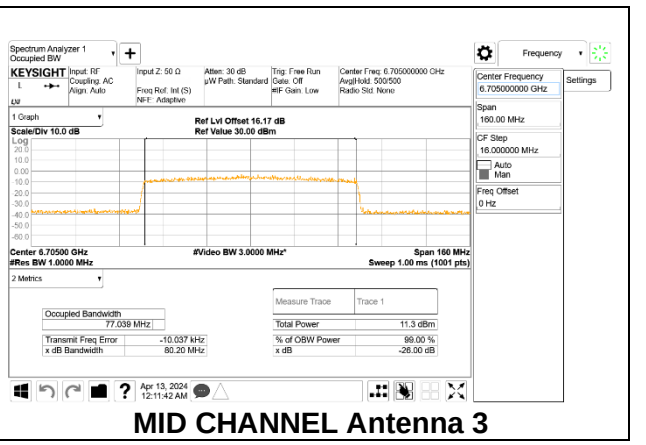


LOW CHANNEL Antenna 3

MID

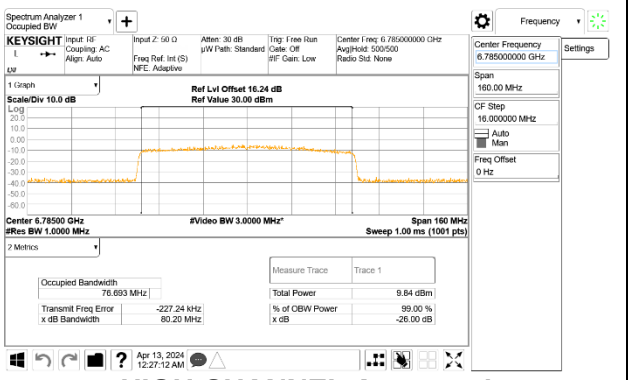


MID CHANNEL Antenna 1

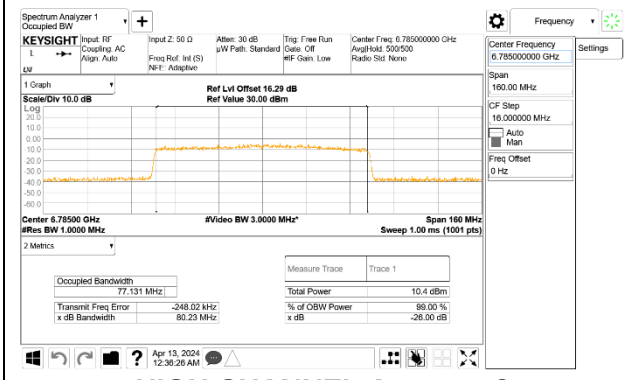


MID CHANNEL Antenna 3

HIGH

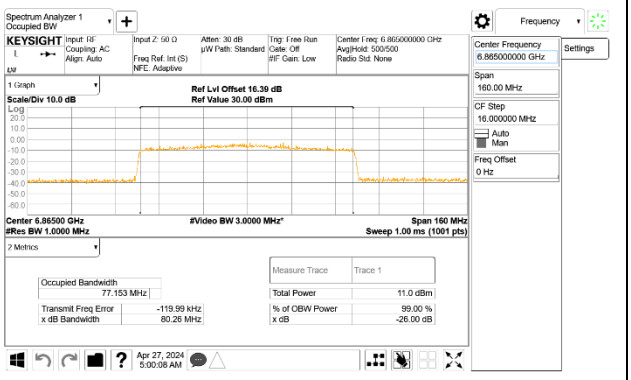


HIGH CHANNEL Antenna 1

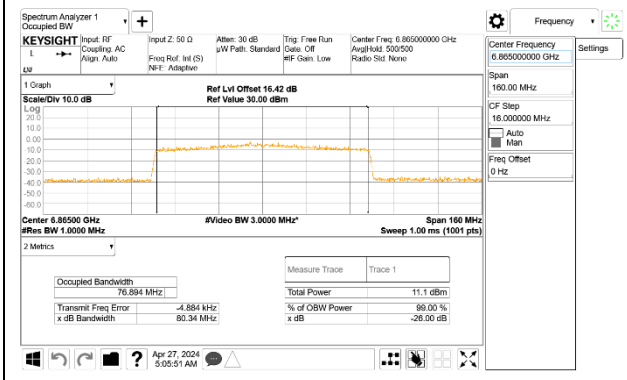


HIGH CHANNEL Antenna 3

H STRADDLE



H STRADDLE Antenna 1



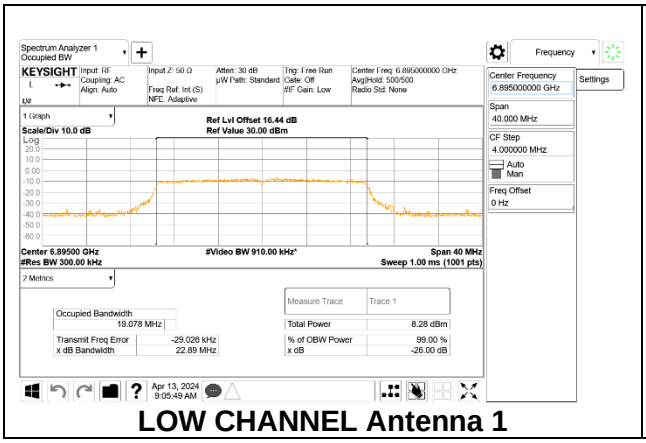
H STRADDLE Antenna 3

9.3.10. 802.11ax HE20 MODE 2TX IN THE UNII-8 BAND

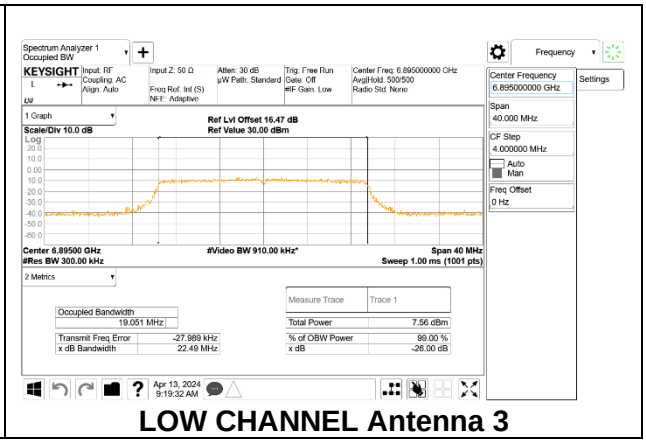
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6895	19.078	19.051
Mid	6995	19.027	19.043
High	7115	19.052	19.044

LOW

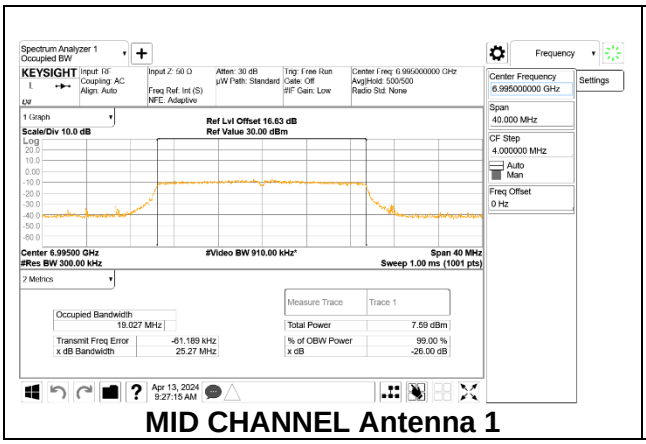


LOW CHANNEL Antenna 1

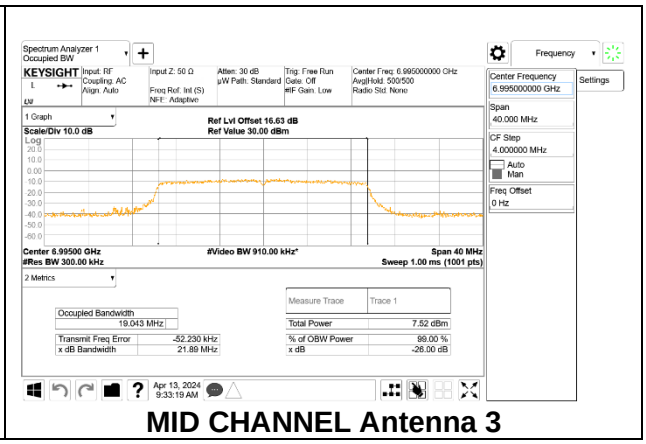


LOW CHANNEL Antenna 3

MID

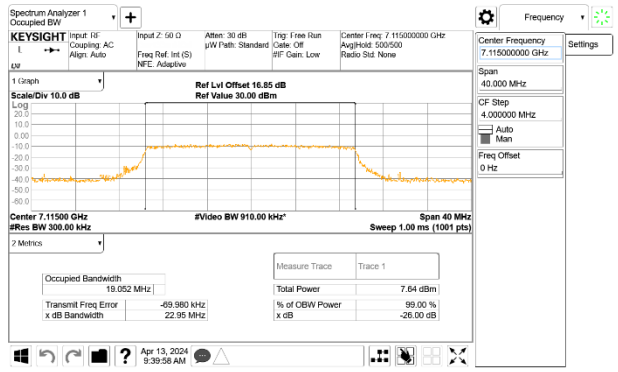


MID CHANNEL Antenna 1

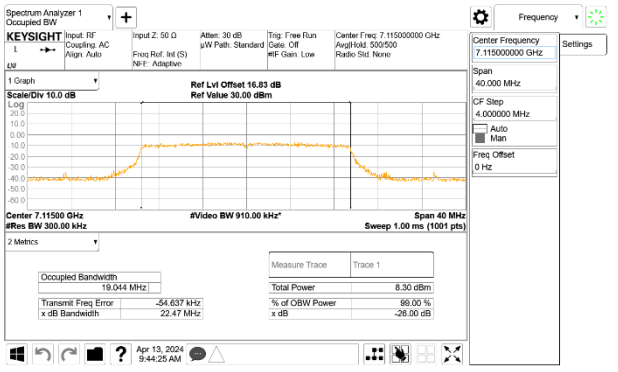


MID CHANNEL Antenna 3

HIGH



HIGH CHANNEL Antenna 1

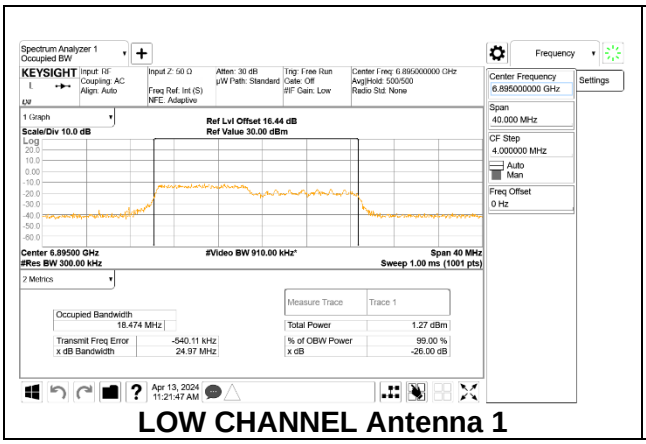


HIGH CHANNEL Antenna 3

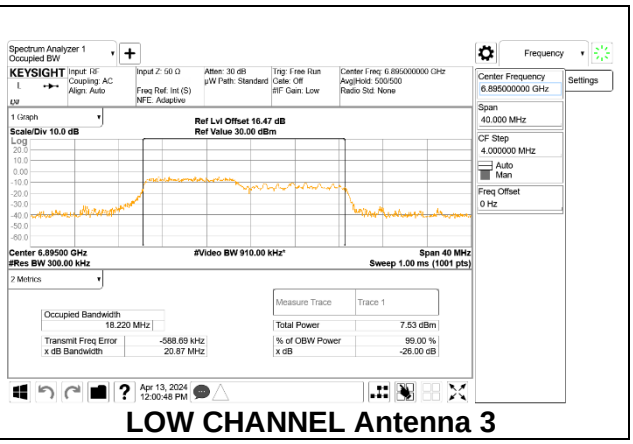
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 53

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6895	18.474	18.220
Mid	6995	18.308	18.291

LOW

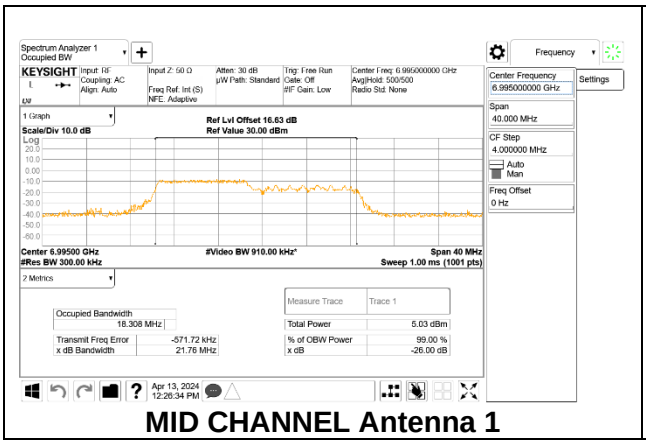


LOW CHANNEL Antenna 1

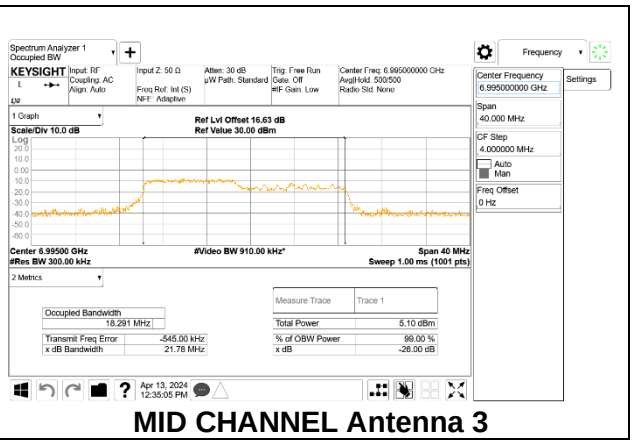


LOW CHANNEL Antenna 3

MID



MID CHANNEL Antenna 1

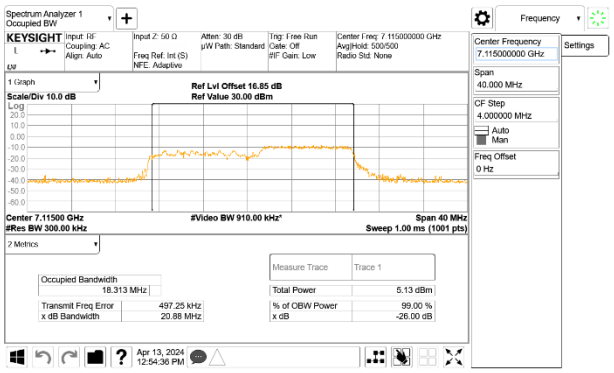


MID CHANNEL Antenna 3

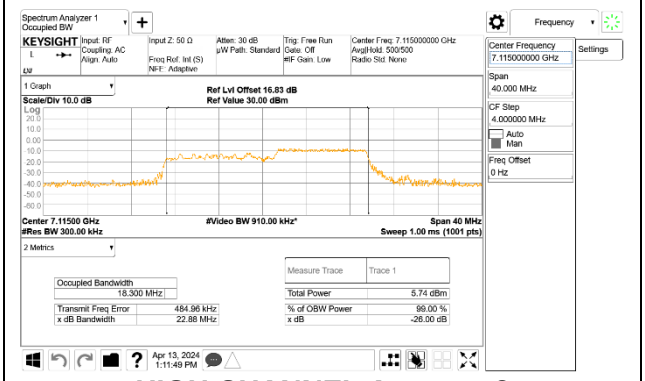
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 106-Tones, RU Index 54

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
High	7115	18.313	18.300

HIGH



HIGH CHANNEL Antenna 1

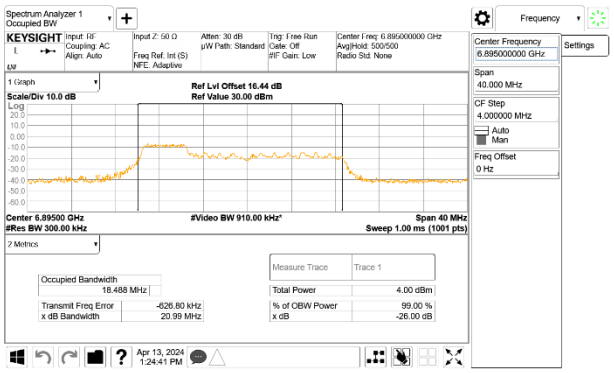


HIGH CHANNEL Antenna 3

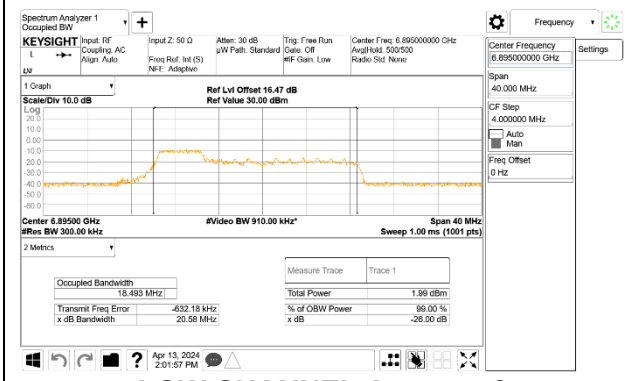
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 37

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6895	18.488	18.493

LOW



LOW CHANNEL Antenna 1

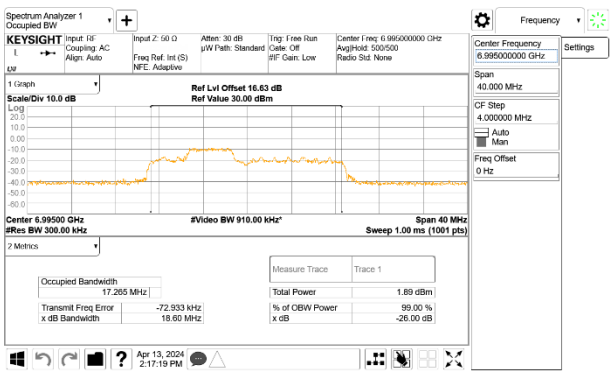


LOW CHANNEL Antenna 3

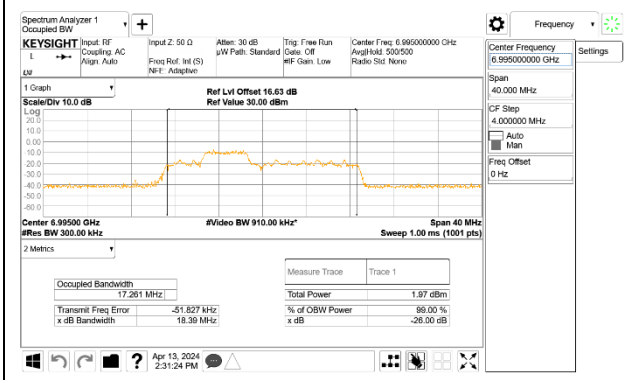
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 38

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Mid	6995	17.265	17.261

MID



MID CHANNEL Antenna 1

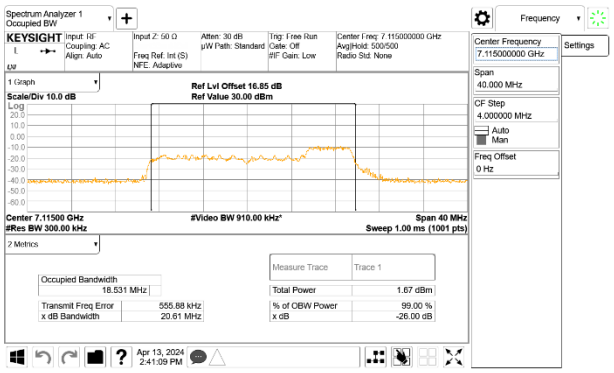


MID CHANNEL Antenna 3

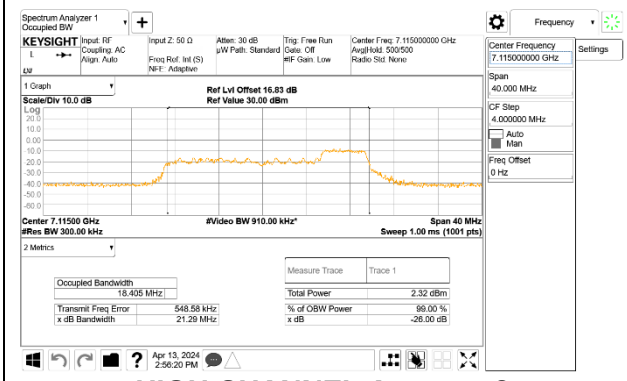
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 52-Tones, RU Index 40

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
High	7115	18.531	18.405

HIGH



HIGH CHANNEL Antenna 1

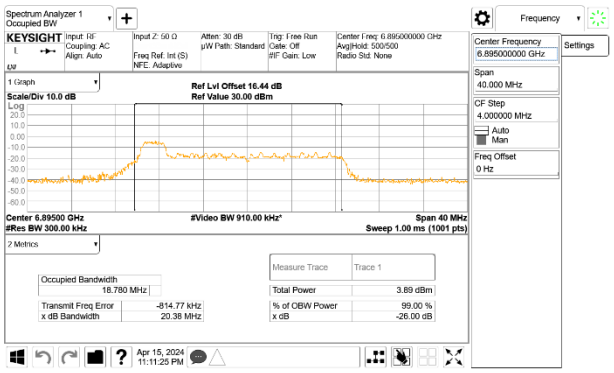


HIGH CHANNEL Antenna 2

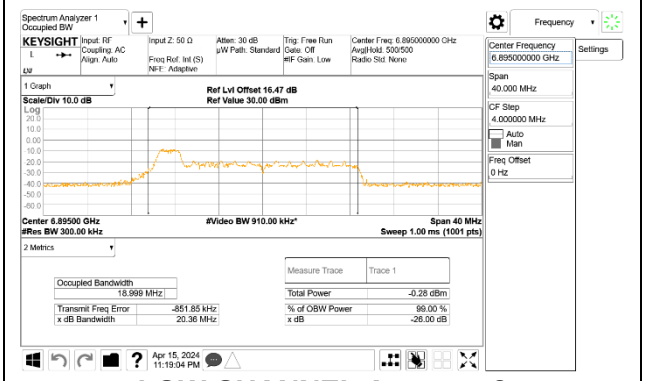
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6895	18.780	18.999

LOW



LOW CHANNEL Antenna 1

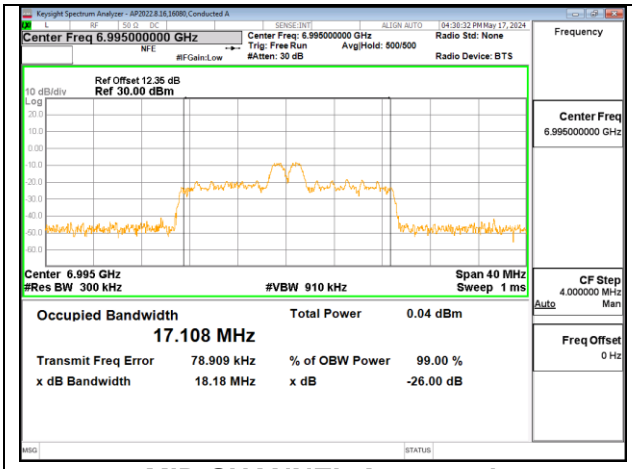


LOW CHANNEL Antenna 3

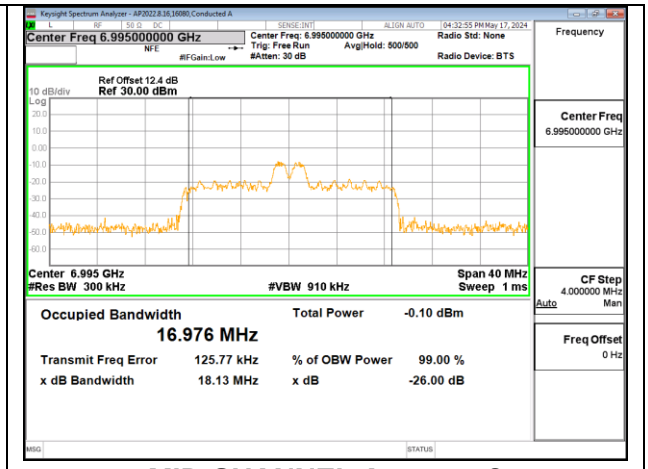
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: 26-Tones, RU Index 4

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Mid	6995	17.108	16.976

MID



MID CHANNEL Antenna 1

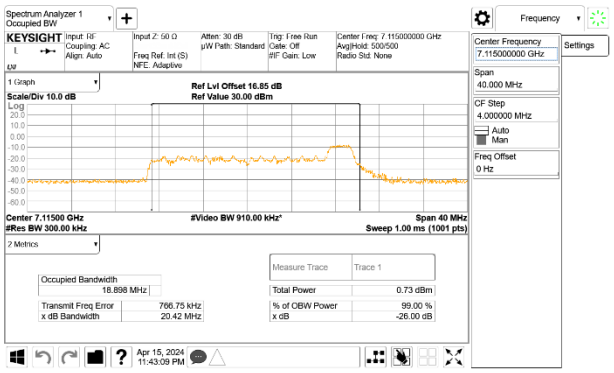


MID CHANNEL Antenna 3

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

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
High	7115	18.898	18.838

HIGH



HIGH CHANNEL Antenna 1

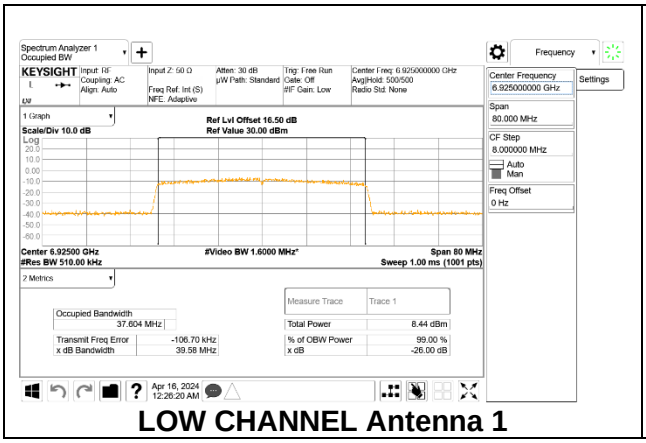
HIGH CHANNEL Antenna 3

9.3.11. 802.11ax HE40 MODE 2TX IN THE UNII-8 BAND

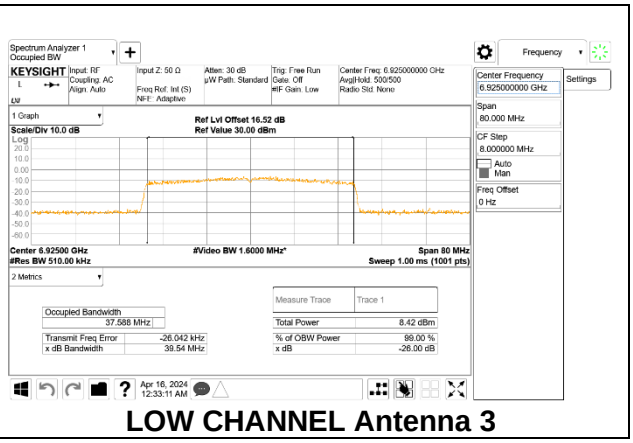
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6925	37.604	37.588
Mid	6965	37.635	37.586
High	7085	37.594	37.420

LOW

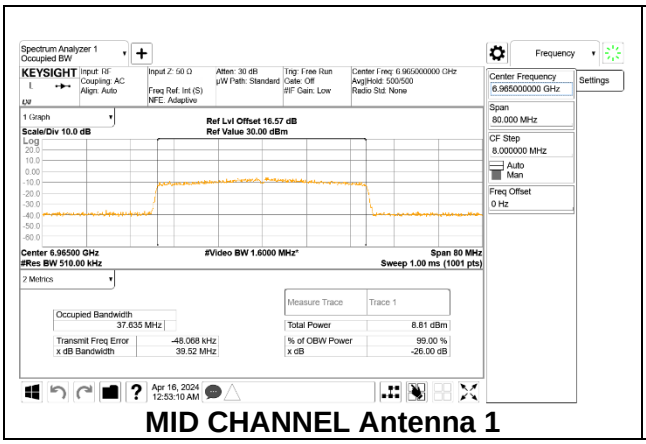


LOW CHANNEL Antenna 1

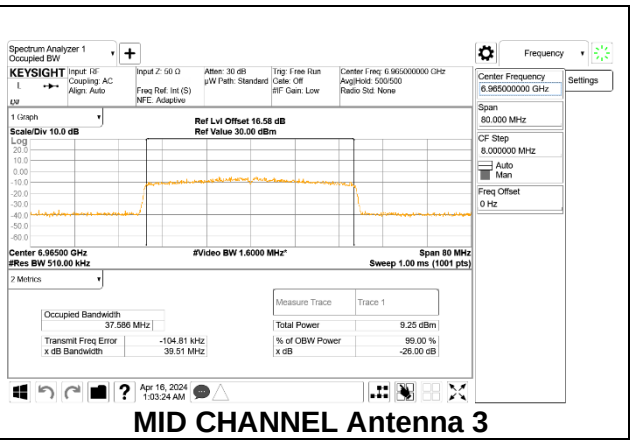


LOW CHANNEL Antenna 3

MID

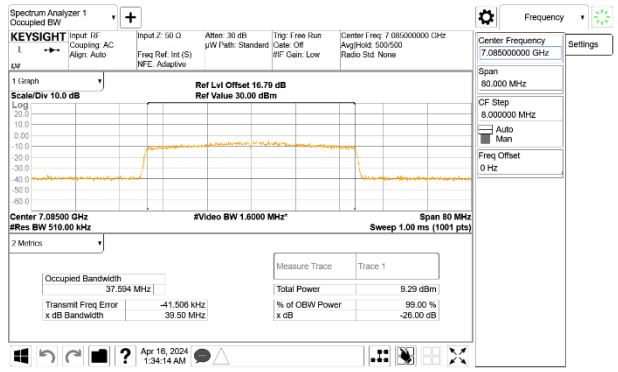


MID CHANNEL Antenna 1

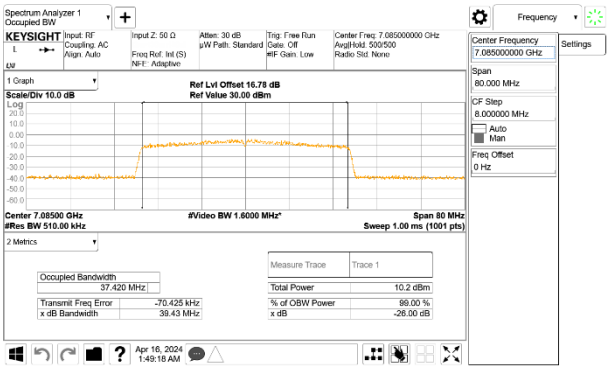


MID CHANNEL Antenna 3

HIGH



HIGH CHANNEL Antenna 1



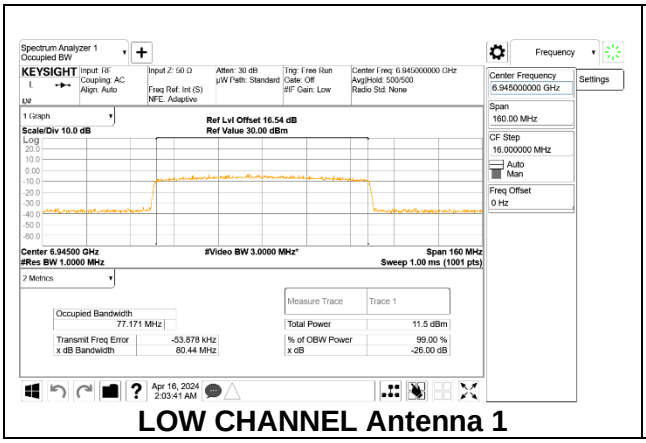
HIGH CHANNEL Antenna 3

9.3.12. 802.11ax HE80 MODE 2TX IN THE UNII-8 BAND

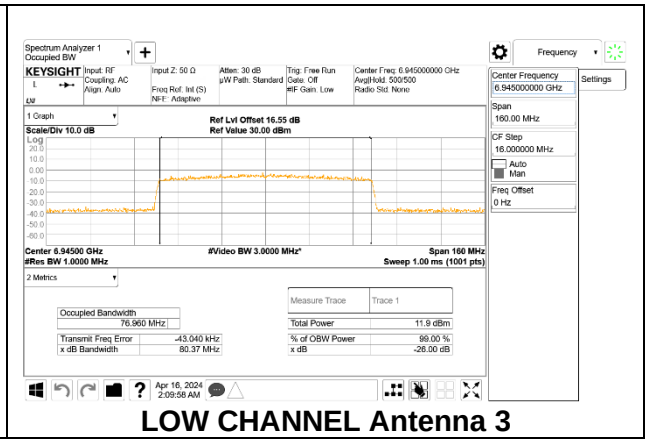
2TX Antenna 1 + Antenna 3 CDD OFDMA MODE: SU, Single User

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 3 (MHz)
Low	6945	77.171	76.960
High	7025	76.860	76.917

LOW

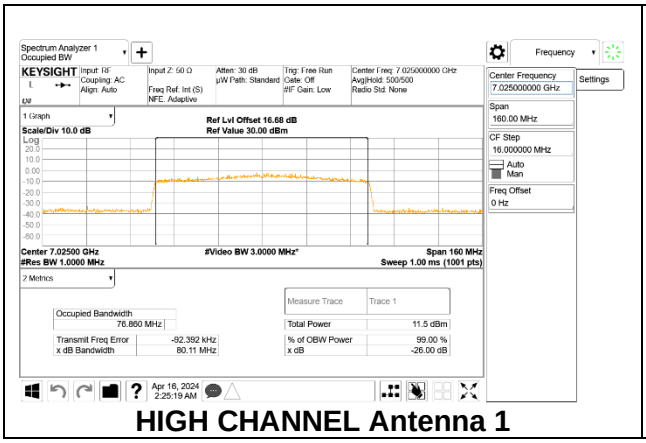


LOW CHANNEL Antenna 1

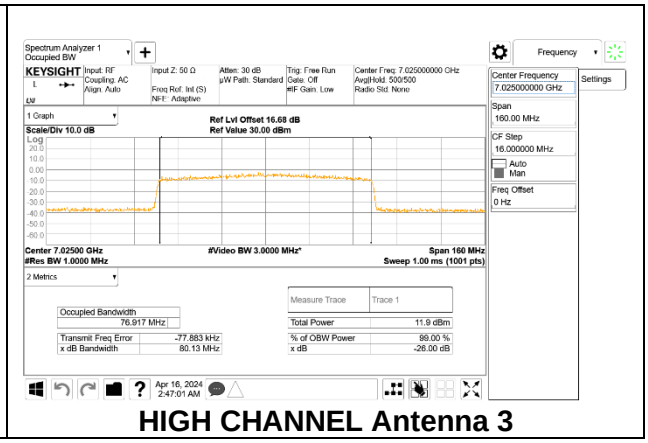


LOW CHANNEL Antenna 3

HIGH



HIGH CHANNEL Antenna 1



HIGH CHANNEL Antenna 3

9.4. OUTPUT POWER AND PSD

FCC §15.407

Band 5.925-7.125 GHz

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

RSS 248

4.5.3. Power limits for client devices
The following limits shall apply to client devices:
a. the maximum e.i.r.p. spectral density shall not exceed –1 dBm/MHz; and
b. the maximum e.i.r.p. shall not exceed 24 dBm/occupied bandwidth.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section II E.2.d (Method SA-2) was used.

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section II F

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

DIRECTIONAL ANTENNA GAIN

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: For UNII5 Bands worst case combination is Antenna 2 and Antenna 4. For UNII6, UNII7, UNII8 Band worst case combination is Antenna 1 and Antenna 3.

2 TX DIRECTIONAL ANTENNA GAIN

Antenna 2 and Antenna 4:

Band	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
UNII 5	5.80	8.00

Antenna 1 and Antenna 3:

Band	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
UNII 6	2.92	5.84
UNII 7	2.79	5.38
UNII 8	2.84	5.60

9.4.1. 802.11ax HE20 MODE 2TX IN THE UNII-5 BAND

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.80	8.00	24.00	-1.00
Mid	6175	5.80	8.00	24.00	-1.00
High	6415	5.80	8.00	24.00	-1.00

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

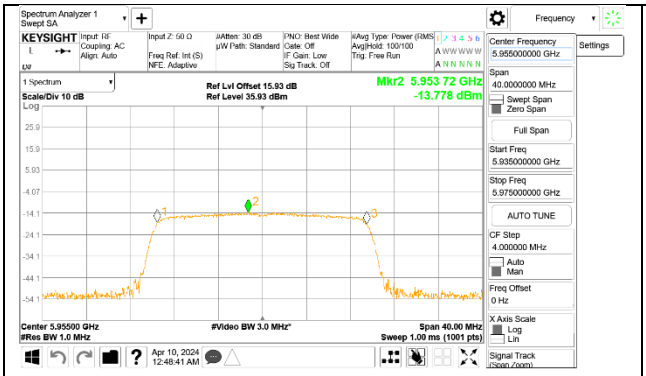
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-1.48	-0.92	7.62	24.00	-16.38
Mid	6175	-1.59	-0.47	7.82	24.00	-16.18
High	6415	-1.73	-2.68	6.63	24.00	-17.37

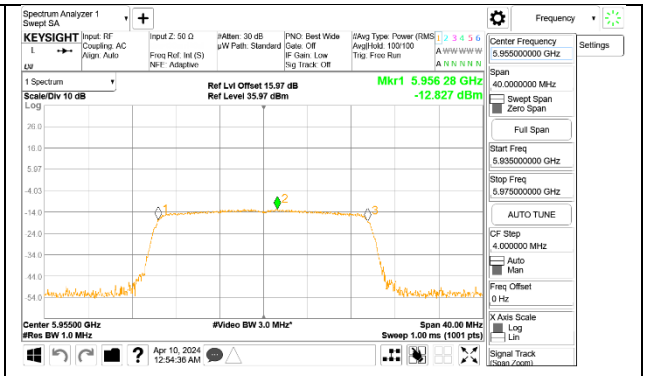
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5955	-13.778	-12.827	-1.53	-1.00	-0.53
Mid	6175	-13.864	-12.848	-1.58	-1.00	-0.58
High	6415	-13.063	-14.179	-1.83	-1.00	-0.83

LOW CHANNEL

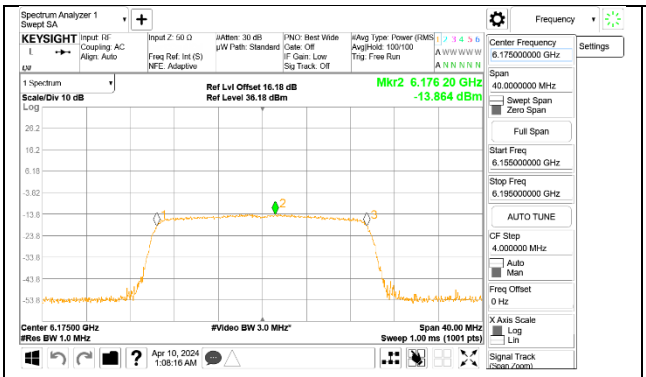


LOW CHANNEL Antenna 2

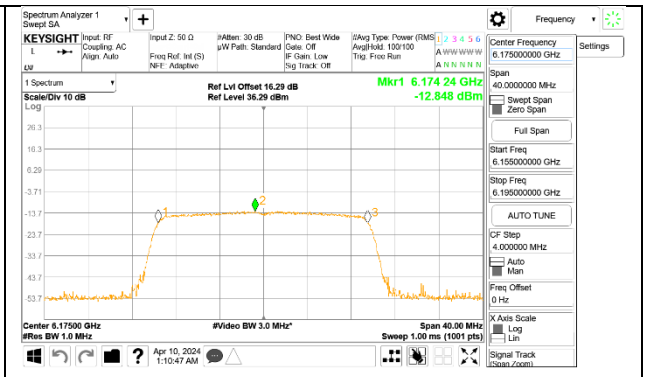


LOW CHANNEL Antenna 4

MID CHANNEL

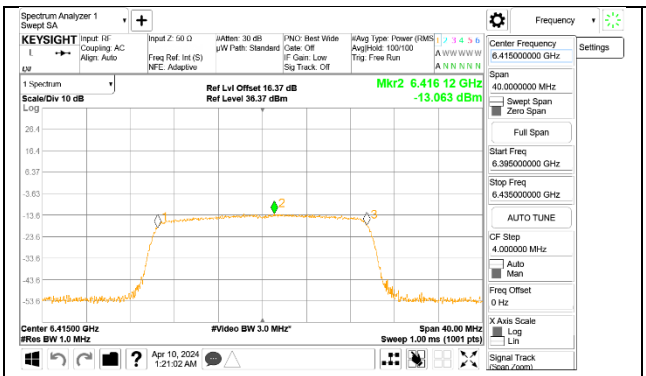


MID CHANNEL Antenna 2

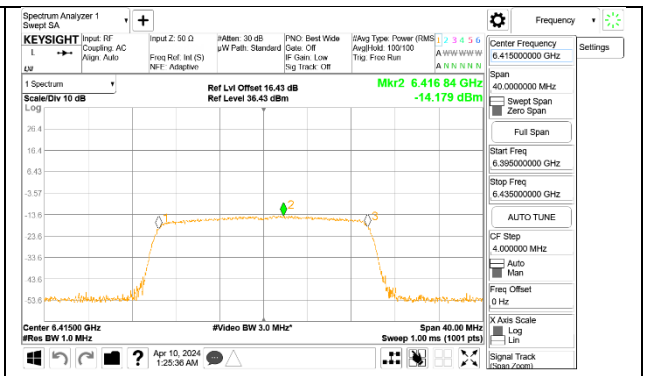


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 2



HIGH CHANNEL Antenna 4

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 106-Tones, RU Index 53

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-11

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.80	8.00	24.00	-1.00
Mid	6175	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.77	**Included in Calculations of Corr'd PSD**

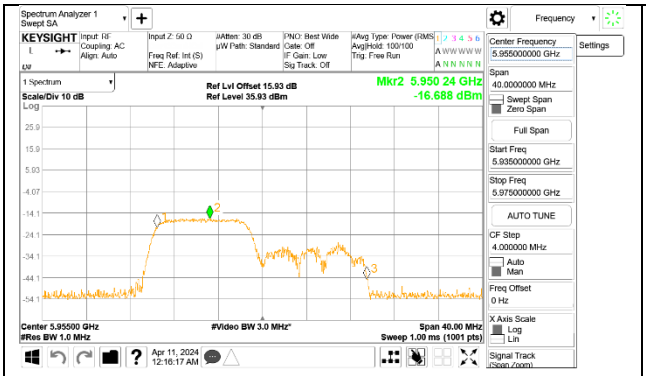
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-6.42	-5.25	3.01	24.00	-20.99
Mid	6175	-5.38	-5.70	3.27	24.00	-20.73

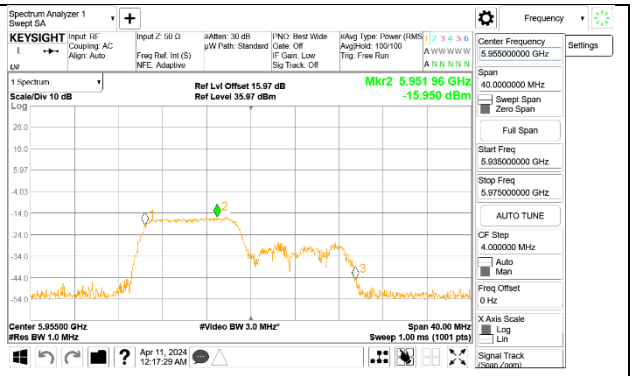
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5955	-16.688	-15.950	-1.52	-1.00	-0.52
Mid	6175	-16.757	-16.027	-1.60	-1.00	-0.60

LOW CHANNEL

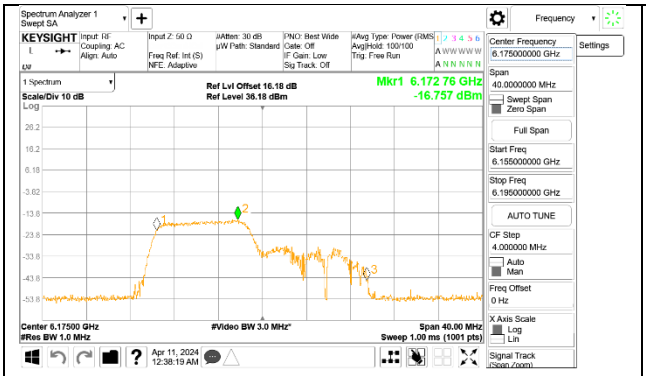


LOW CHANNEL Antenna 2

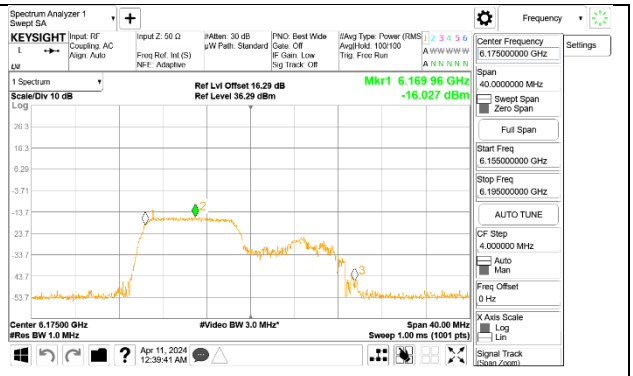


LOW CHANNEL Antenna 4

MID CHANNEL



MID CHANNEL Antenna 2



MID CHANNEL Antenna 4

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

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-11

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
High	6415	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.77	**Included in Calculations of Corr'd PSD**

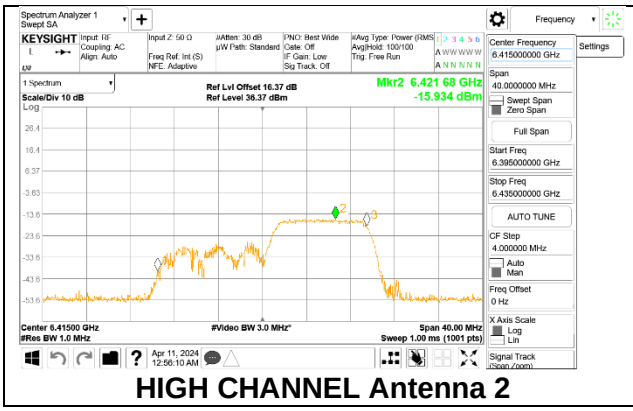
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
High	6415	-4.31	-6.11	3.69	24.00	-20.31

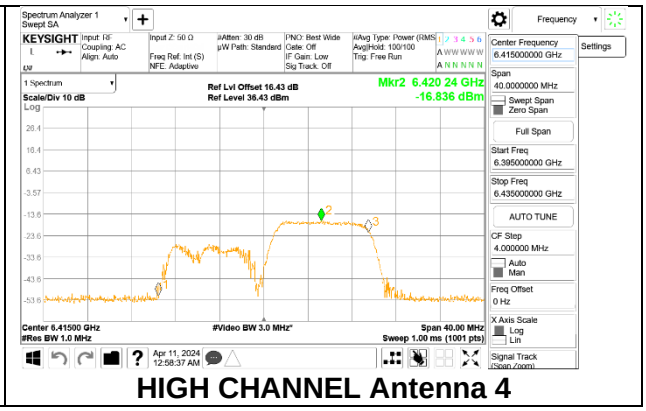
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
High	6415	-15.934	-16.836	-1.58	-1.00	-0.58

HIGH CHANNEL



HIGH CHANNEL Antenna 2



HIGH CHANNEL Antenna 4

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 52-Tones, RU Index 37

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.46	**Included in Calculations of Corr'd PSD**

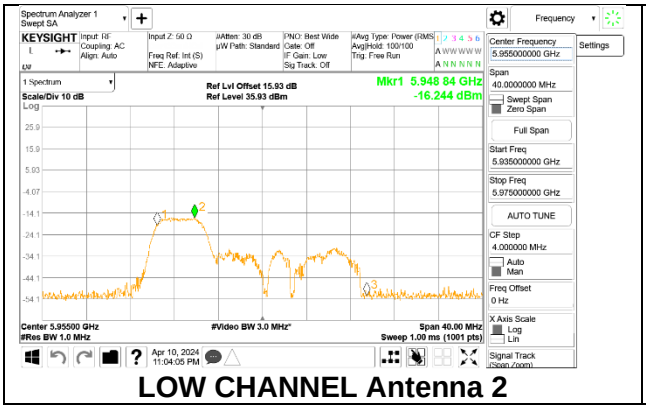
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-8.31	-7.39	0.98	24.00	-23.02

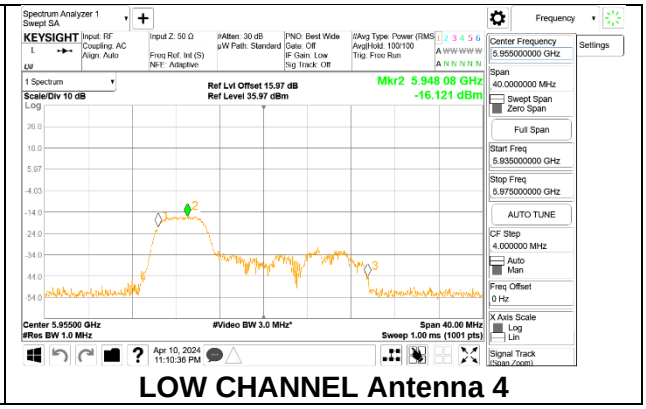
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5955	-16.244	-16.121	-1.71	-1.00	-0.71

LOW CHANNEL



LOW CHANNEL Antenna 2



LOW CHANNEL Antenna 4

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 52-Tones, RU Index 38

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Mid	6175	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.46	**Included in Calculations of Corr'd PSD**

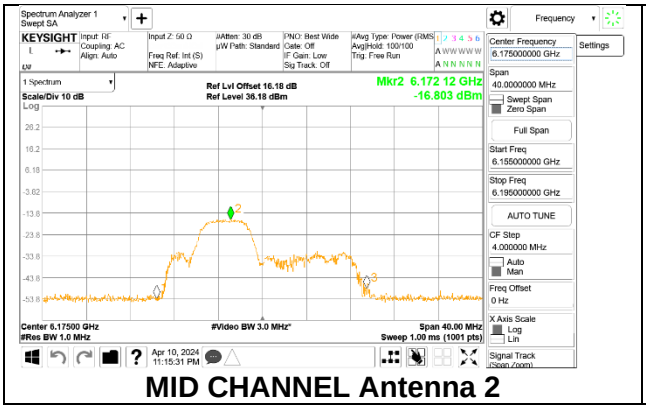
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Mid	6175	-8.96	-8.02	0.35	24.00	-23.65

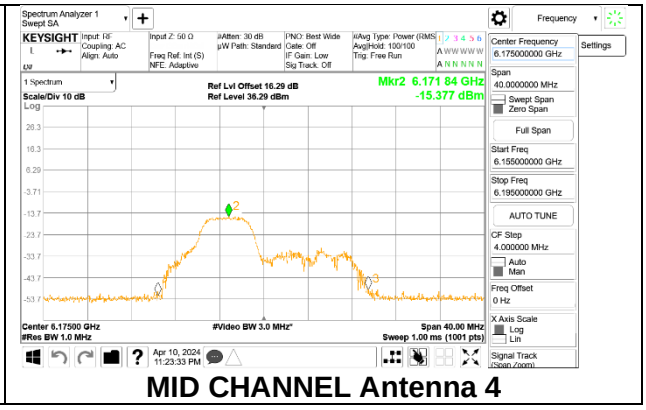
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	6175	-16.803	-15.337	-1.54	-1.00	-0.54

MID CHANNEL



MID CHANNEL Antenna 2



MID CHANNEL Antenna 4

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 52-Tones, RU Index 40

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
High	6415	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.46	**Included in Calculations of Corr'd PSD**

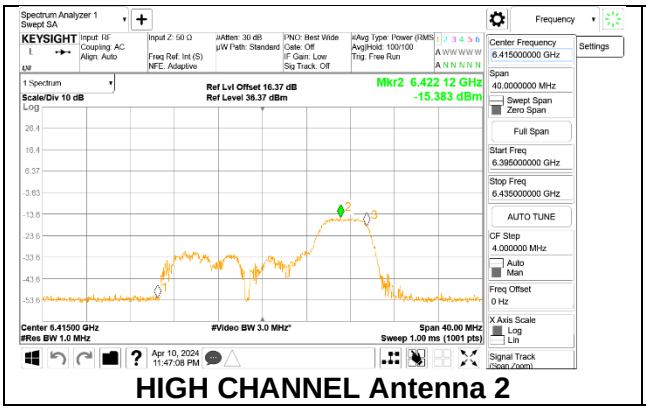
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
High	6415	-8.79	-10.31	-0.67	24.00	-24.67

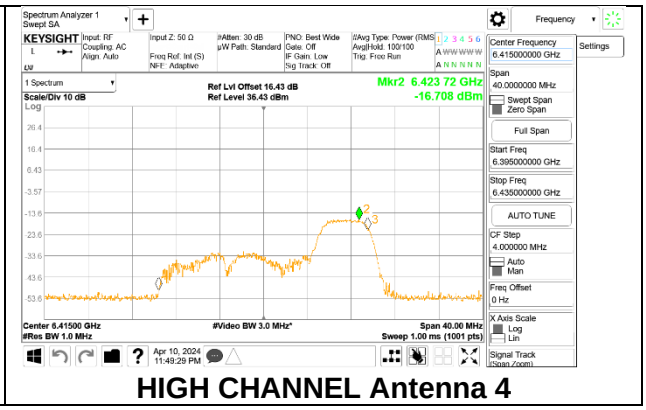
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
High	6415	-15.383	-16.708	-1.52	-1.00	-0.52

HIGH CHANNEL



HIGH CHANNEL Antenna 2



HIGH CHANNEL Antenna 4

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

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.03	**Included in Calculations of Corr'd PSD**

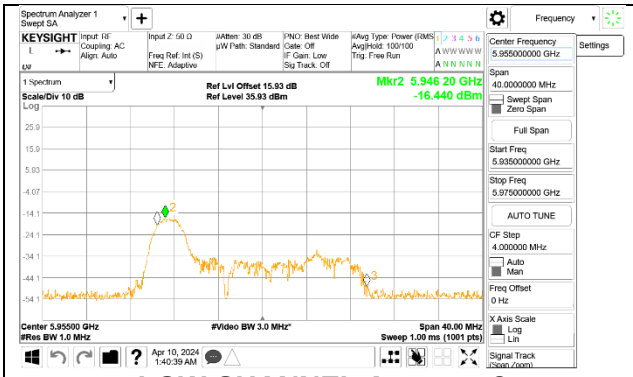
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-9.25	-8.77	-0.19	24.00	-24.19

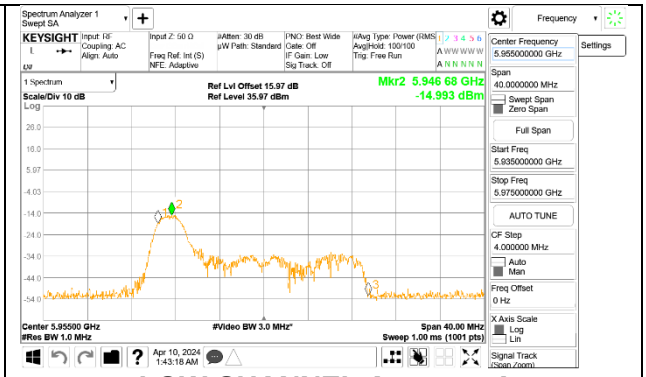
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5955	-16.440	-14.993	-1.62	-1.00	-0.62

LOW CHANNEL



LOW CHANNEL Antenna 2



LOW CHANNEL Antenna 4

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

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Mid	6175	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.03	**Included in Calculations of Corr'd PSD**

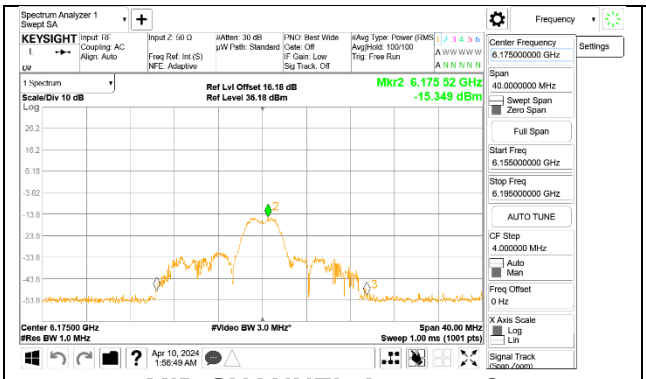
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Mid	6175	-9.38	-9.02	-0.39	24.00	-24.39

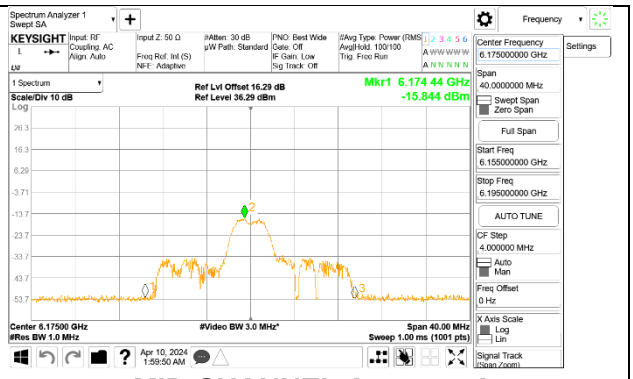
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	6175	-15.349	-15.844	-1.55	-1.00	-0.55

MID CHANNEL



MID CHANNEL Antenna 2



MID CHANNEL Antenna 4

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

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-10

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
High	6415	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	3.03	**Included in Calculations of Corr'd PSD**

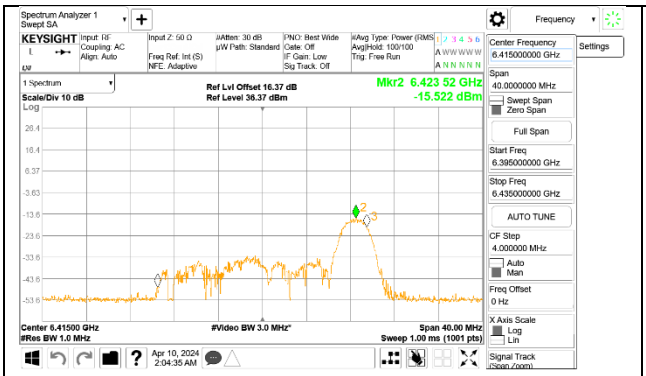
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
High	6415	-9.64	-11.29	-1.58	24.00	-25.58

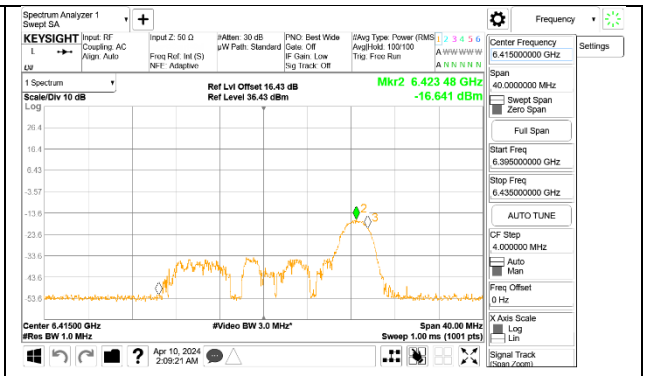
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
High	6415	-15.522	-16.641	-2.01	-1.00	-1.01

HIGH CHANNEL



HIGH CHANNEL Antenna 2



HIGH CHANNEL Antenna 4

9.4.2. 802.11ax HE40 MODE 2TX IN THE UNII-5 BAND

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-11

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	5.80	8.00	24.00	-1.00
Mid	6165	5.80	8.00	24.00	-1.00
High	6405	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	1.35	**Included in Calculations of Corr'd PSD**

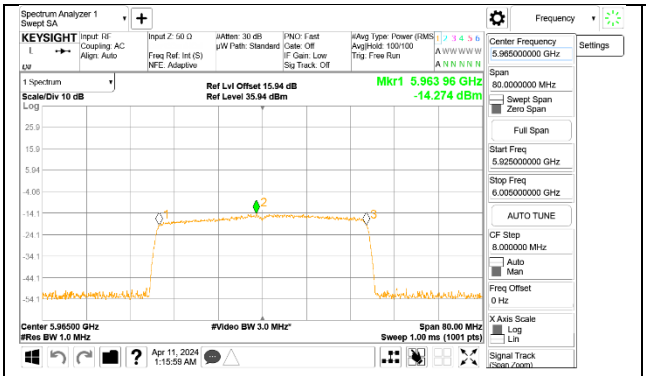
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	0.51	0.67	9.40	24.00	-14.60
Mid	6165	-0.52	-0.19	8.46	24.00	-15.54
High	6405	0.32	-1.29	8.40	24.00	-15.60

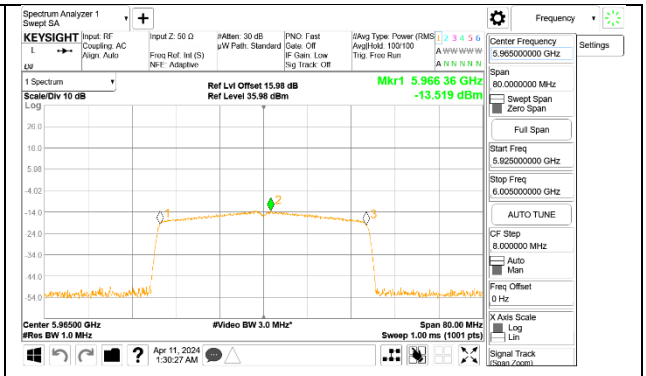
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5965	-14.274	-13.519	-1.52	-1.00	-0.52
Mid	6165	-14.878	-14.424	-2.28	-1.00	-1.28
High	6405	-13.900	-14.774	-1.95	-1.00	-0.95

LOW CHANNEL

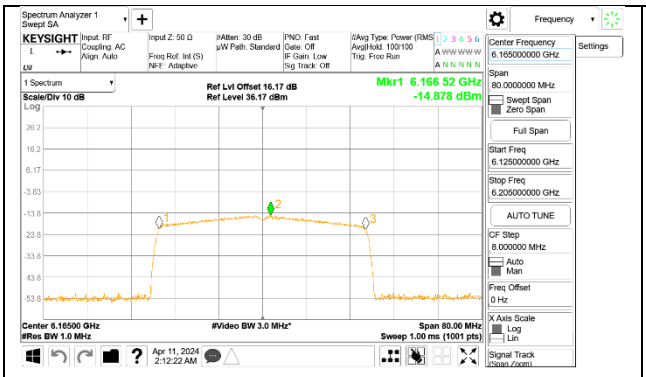


LOW CHANNEL Antenna 2

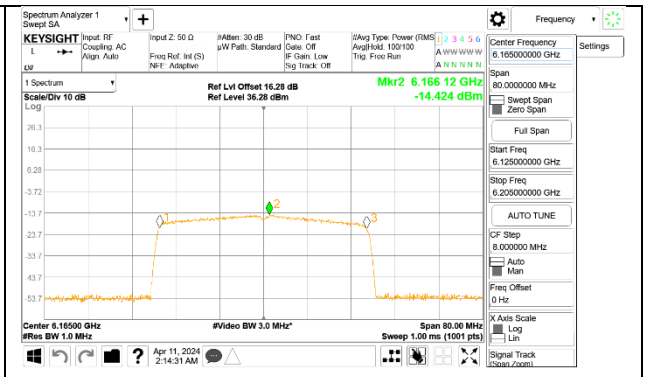


LOW CHANNEL Antenna 4

MID CHANNEL

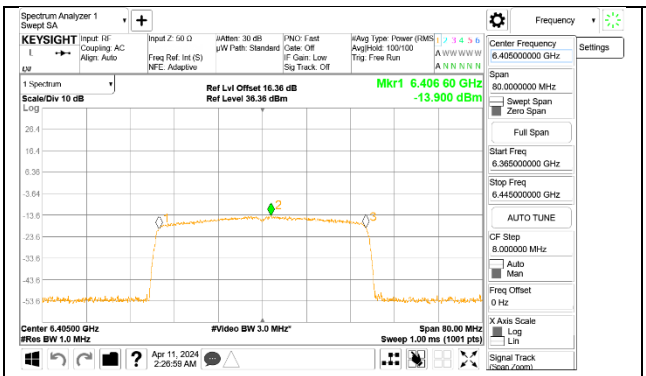


MID CHANNEL Antenna 2

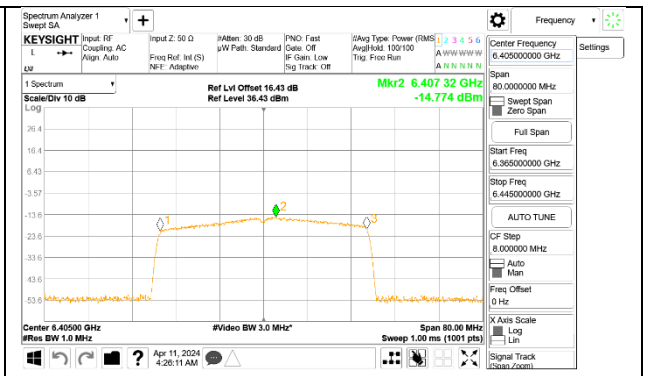


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 2



HIGH CHANNEL Antenna 4

9.4.3. 802.11ax HE80 MODE 2TX IN THE UNII-5 BAND

2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-11

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.80	8.00	24.00	-1.00
MId	6145	5.80	8.00	24.00	-1.00
High	6385	5.80	8.00	24.00	-1.00

Duty Cycle CF (dB)	2.38	**Included in Calculations of Corr'd PSD**

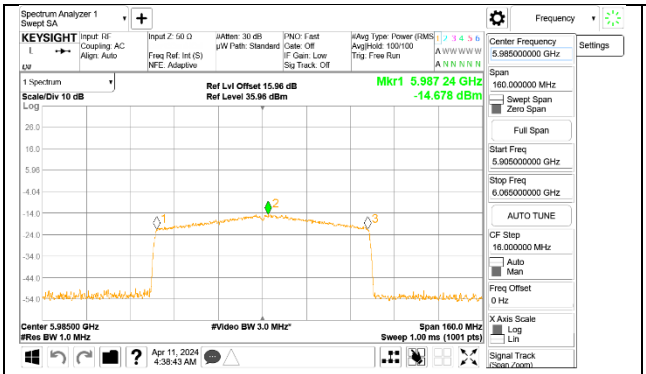
Output Power Results

Channel	Frequency (MHz)	Antenna 2 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	2.31	2.63	11.28	24.00	-12.72
MId	6145	3.29	3.81	12.37	24.00	-11.63
High	6385	4.08	2.35	12.11	24.00	-11.89

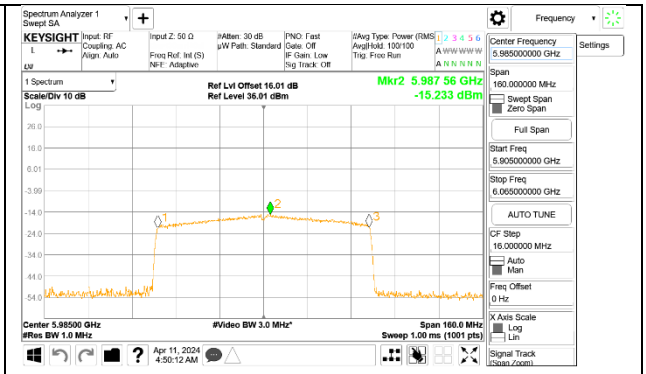
PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas PSD (dBm)	Antenna 4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5985	-14.678	-15.233	-1.56	-1.00	-0.56
MId	6145	-15.136	-14.673	-1.51	-1.00	-0.51
High	6385	-14.608	-15.293	-1.55	-1.00	-0.55

LOW CHANNEL

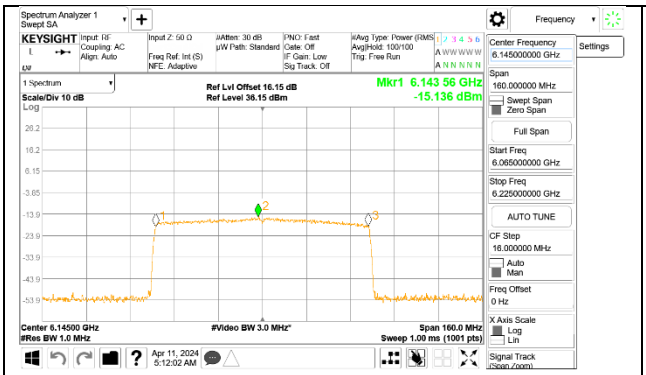


LOW CHANNEL Antenna 2

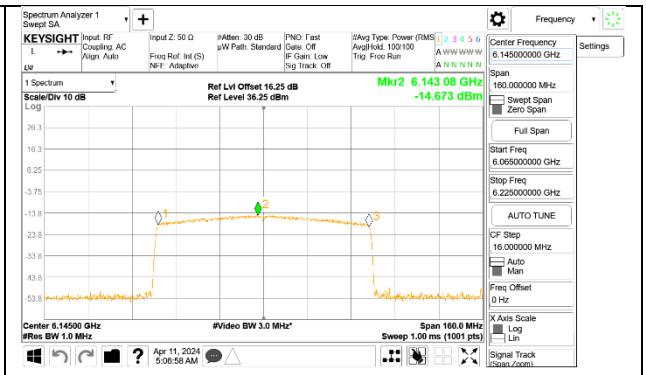


LOW CHANNEL Antenna 4

MID CHANNEL

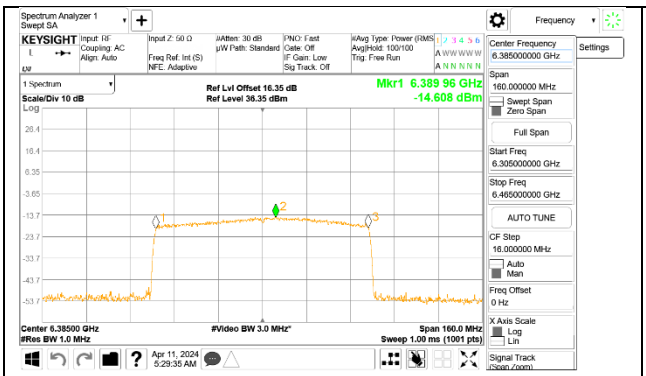


MID CHANNEL Antenna 2

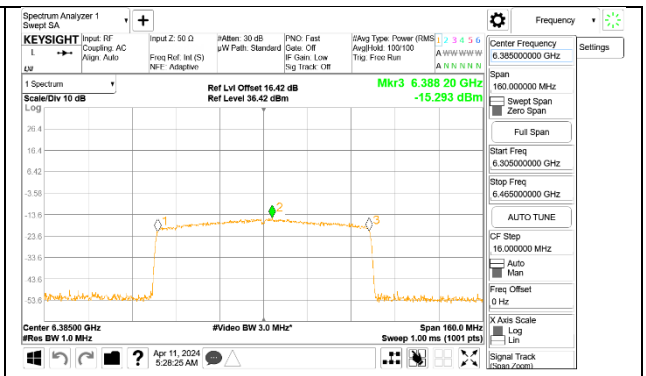


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 2



HIGH CHANNEL Antenna 4

9.4.4. 802.11ax HE20 MODE 2TX IN THE UNII-6 BAND

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

Test Engineer:	ZS16080 and JB45256
Test Date:	2024-04-11

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6435	2.90	5.80	24.00	-1.00
Mid	6475	2.90	5.80	24.00	-1.00
High	6515	2.90	5.80	24.00	-1.00

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

Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6435	0.20	0.35	6.19	24.00	-17.81
Mid	6475	0.54	0.70	6.53	24.00	-17.47
High	6515	0.42	0.81	6.53	24.00	-17.47

PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm)	Antenna 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	6435	-12.191	-10.654	-1.80	-1.00	-0.80
Mid	6475	-11.517	-10.680	-1.53	-1.00	-0.53
High	6515	-12.007	-10.831	-1.83	-1.00	-0.83