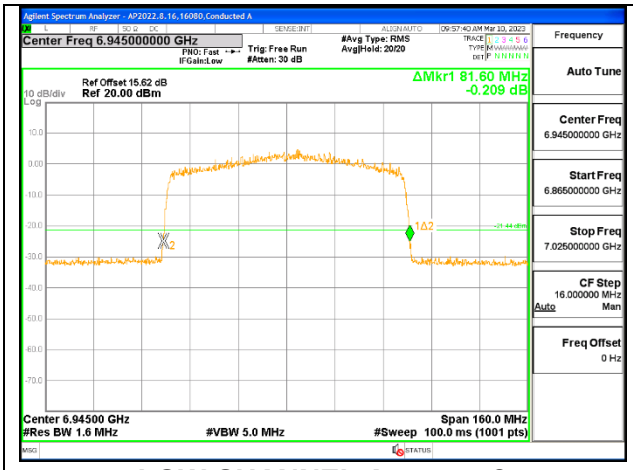
9.2.12. 802.11ax HE80 MODE 2TX IN THE UNII-8 BAND

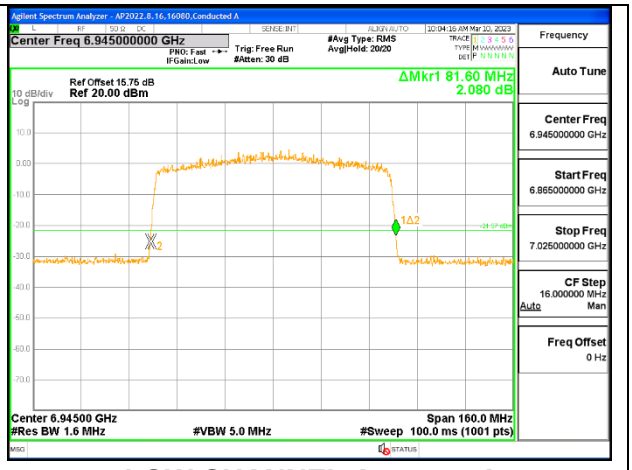
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 3 (MHz)	26 dB Bandwidth Antenna 4 (MHz)
Low	6945	81.60	81.60
High	7025	81.28	81.60

LOW CHANNEL

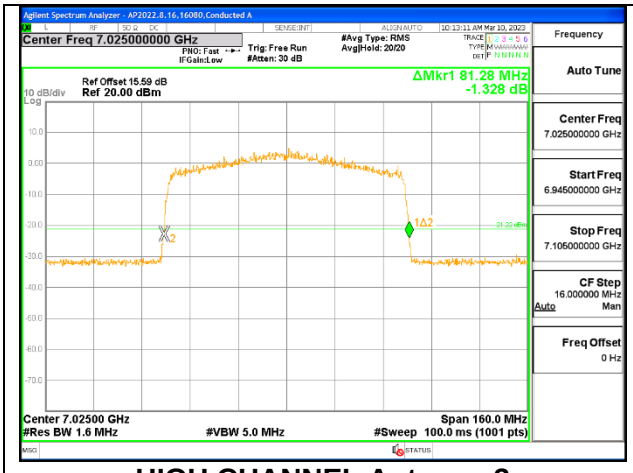


LOW CHANNEL Antenna 3

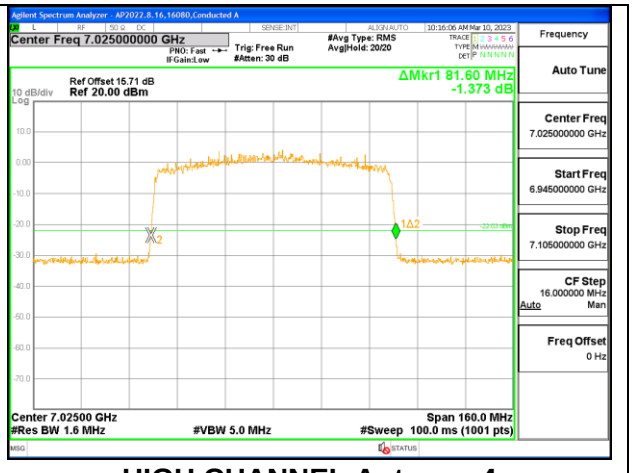


LOW CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 4

9.3. 99% BANDWIDTH

LIMITS

FCC

None; for reporting purposes only.

RSS-248 4.4

The occupied bandwidth shall not exceed 320 MHz.

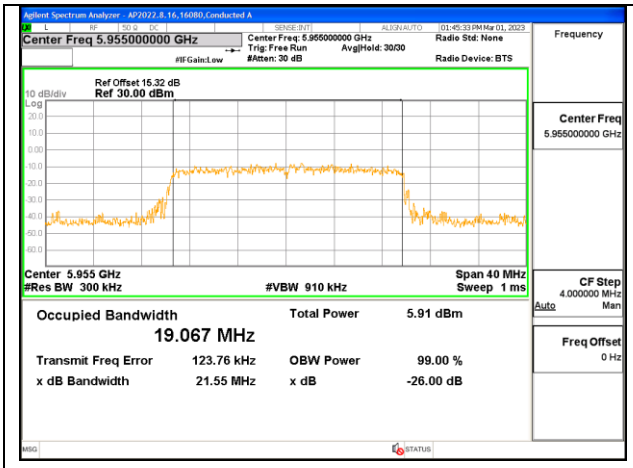
RESULTS

9.3.1. 802.11ax HE20 MODE 2TX IN THE UNII-5 BAND

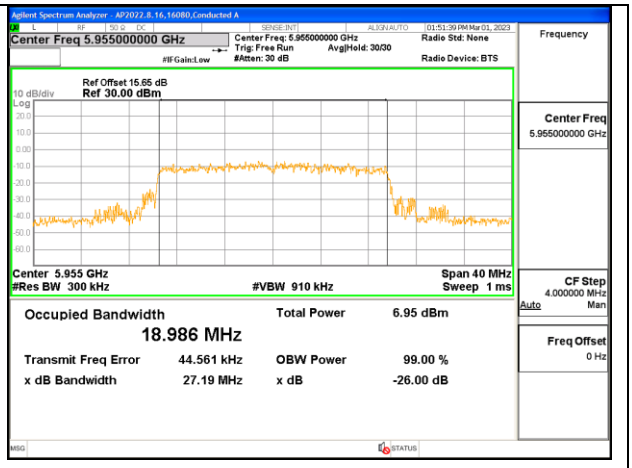
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	5955	19.067	18.986
Mid	6175	18.996	18.910
High	6415	18.915	18.978

LOW CHANNEL

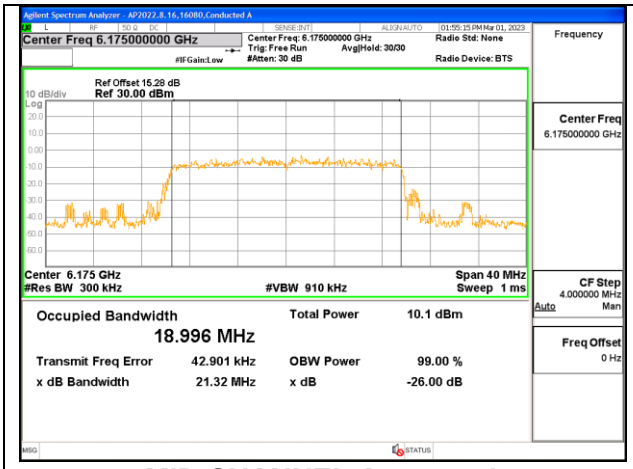


LOW CHANNEL Antenna 1

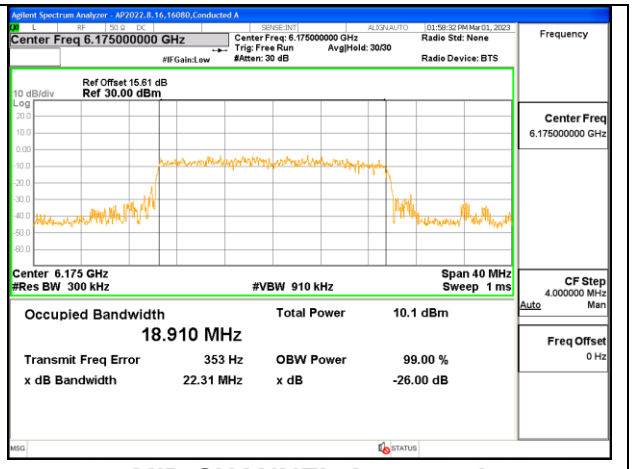


LOW CHANNEL Antenna 4

MID CHANNEL

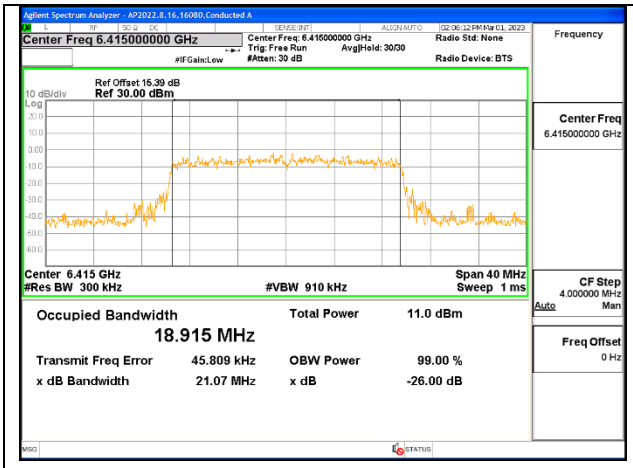


MID CHANNEL Antenna 1

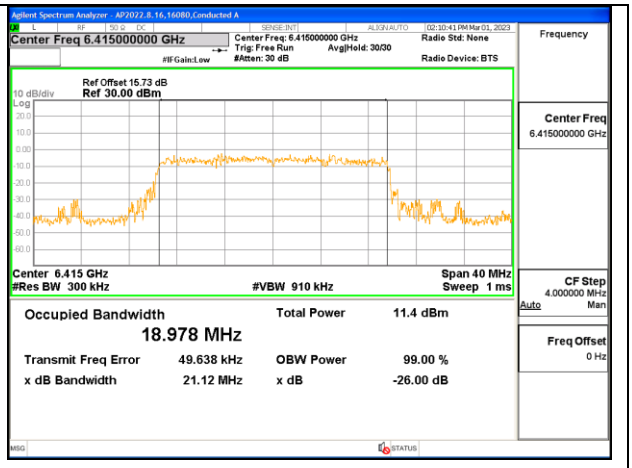


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 1



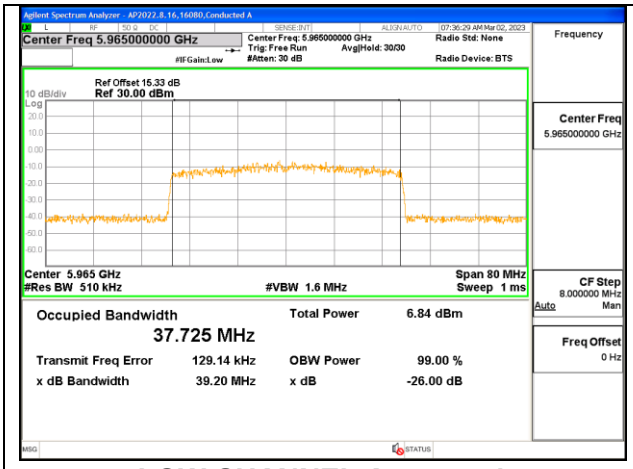
HIGH CHANNEL Antenna 4

9.3.2. 802.11ax HE40 MODE 2TX IN THE UNII-5 BAND

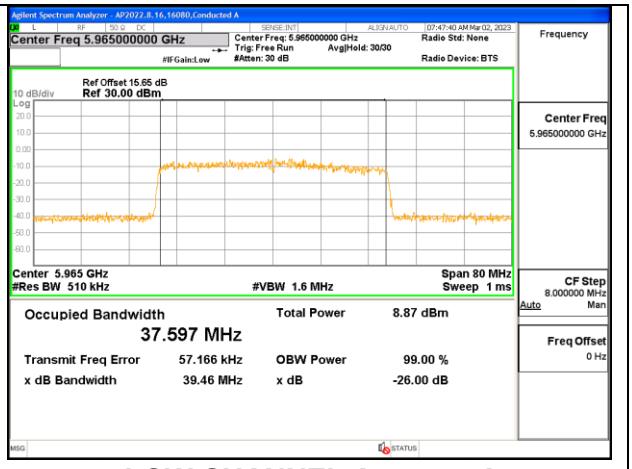
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	5965	37.725	37.597
Mid	6165	37.549	37.439
High	6405	37.453	37.387

LOW CHANNEL

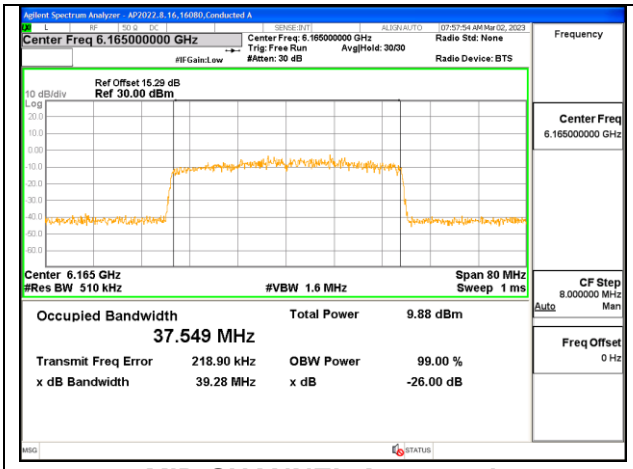


LOW CHANNEL Antenna 1

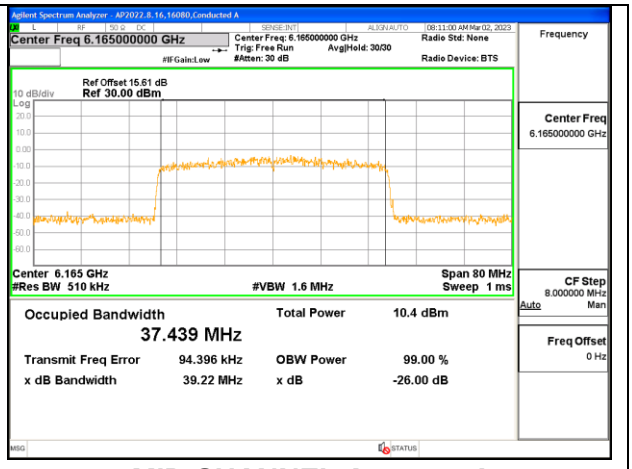


LOW CHANNEL Antenna 4

MID CHANNEL

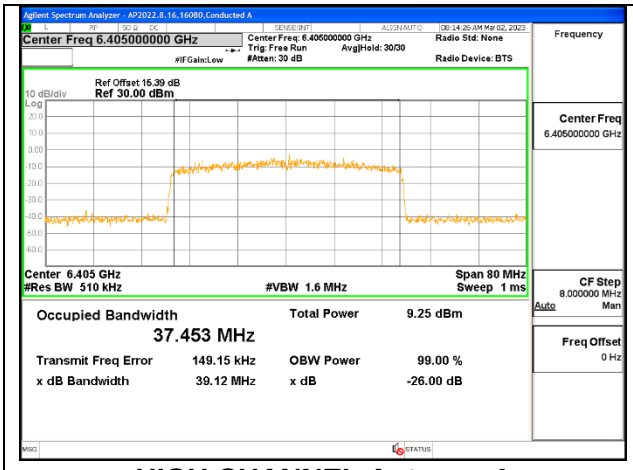


MID CHANNEL Antenna 1

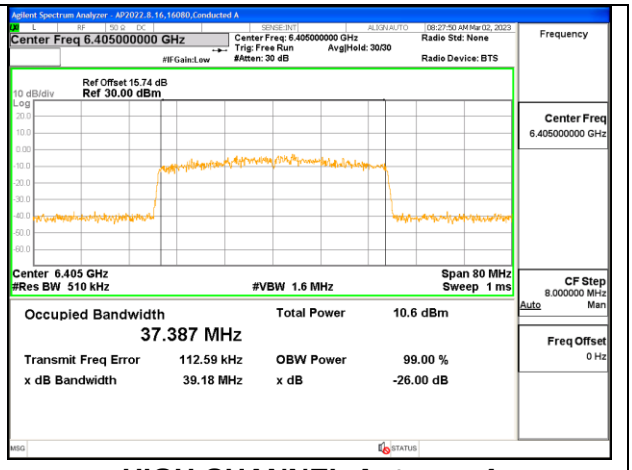


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 1



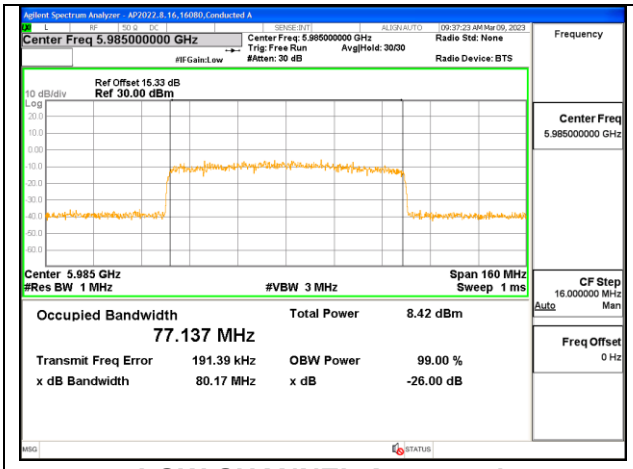
HIGH CHANNEL Antenna 4

9.3.3. 802.11ax HE80 MODE 2TX IN THE UNII-5 BAND

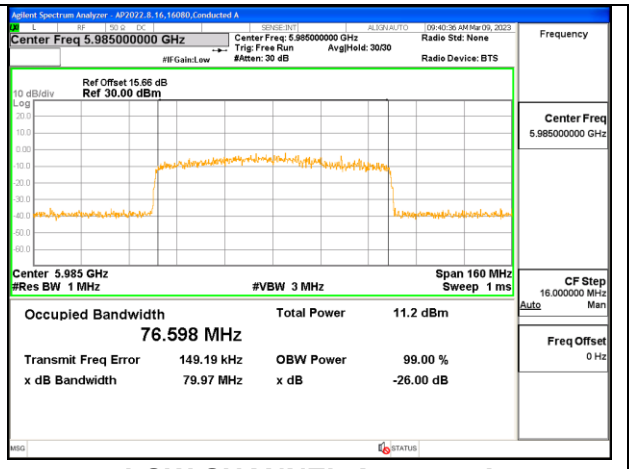
2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency (MHz)	99% Bandwidth Antenna 1 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	5985	77.137	76.598
Mid	6145	77.171	76.868
High	6385	76.915	76.016

LOW CHANNEL

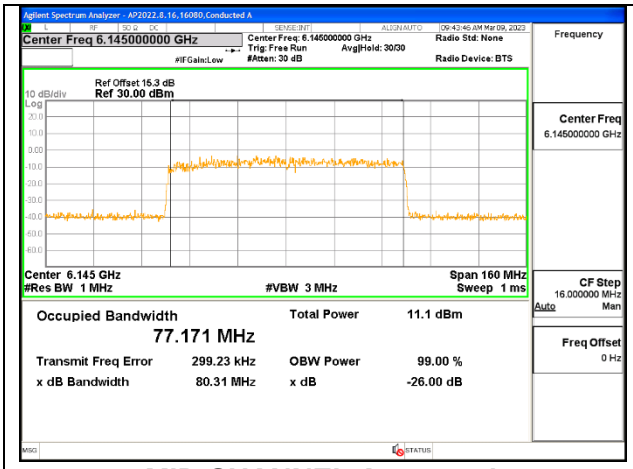


LOW CHANNEL Antenna 1

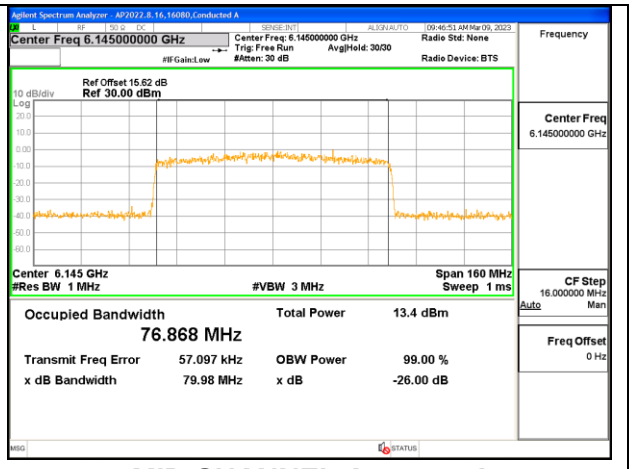


LOW CHANNEL Antenna 4

MID CHANNEL

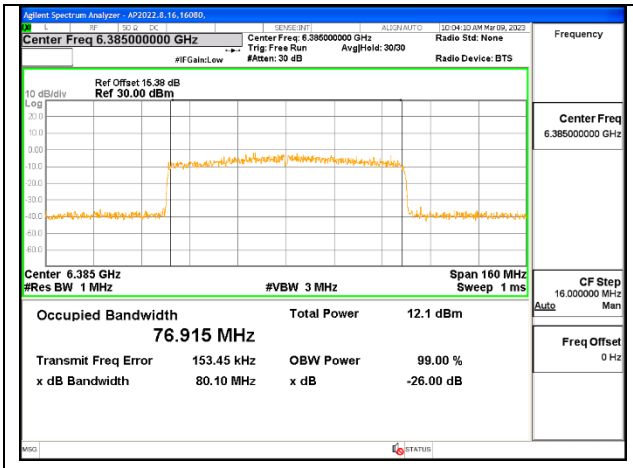


MID CHANNEL Antenna 1

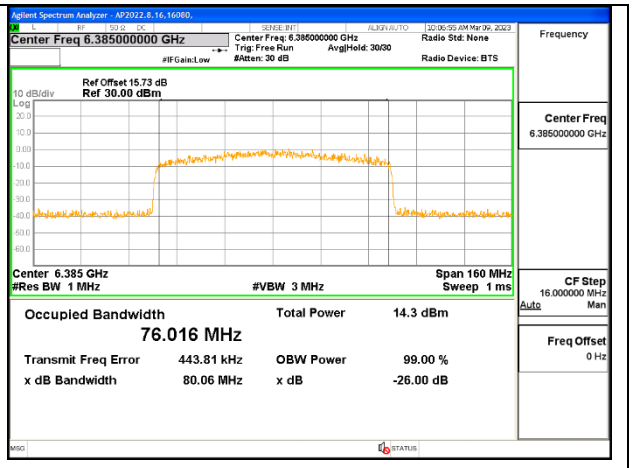


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 1



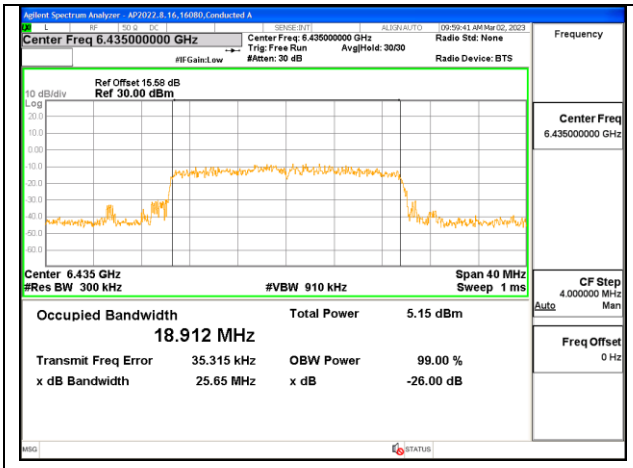
HIGH CHANNEL Antenna 4

9.3.4. 802.11ax HE20 MODE 2TX IN THE UNII-6 BAND

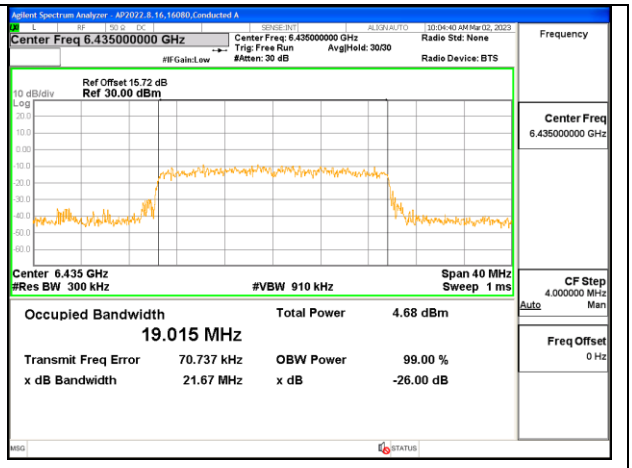
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6435	18.912	19.015
Mid	6475	18.994	18.993
High	6515	18.990	18.951

LOW CHANNEL

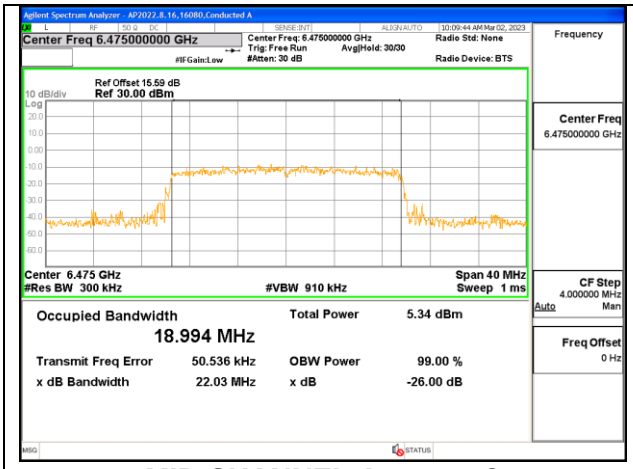


LOW CHANNEL Antenna 3

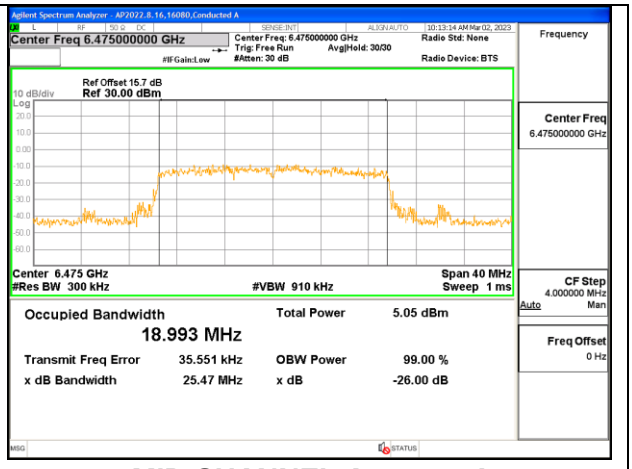


LOW CHANNEL Antenna 4

MID CHANNEL

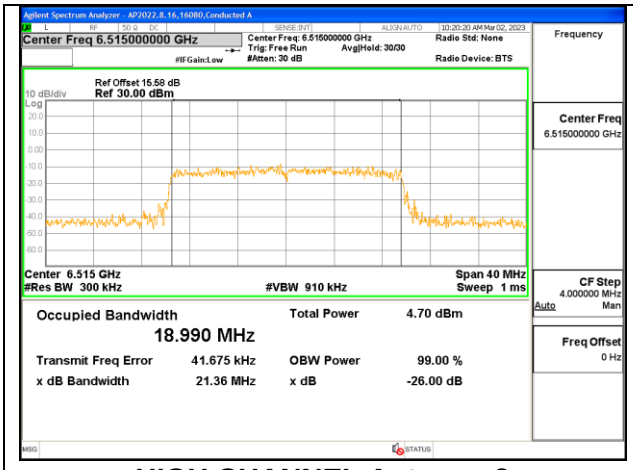


MID CHANNEL Antenna 3

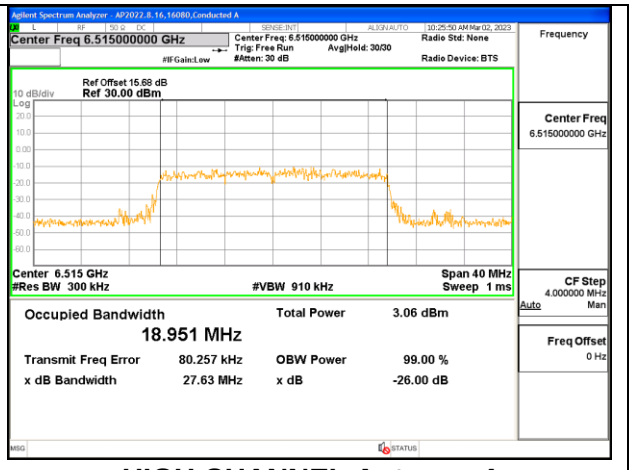


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3



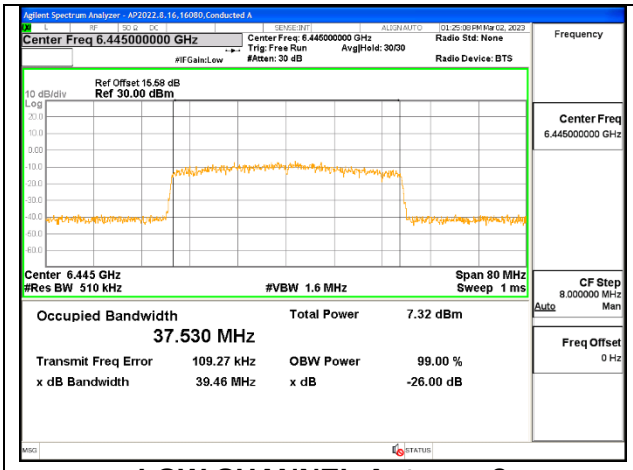
HIGH CHANNEL Antenna 4

9.3.5. 802.11ax HE40 MODE 2TX IN THE UNII-6 BAND

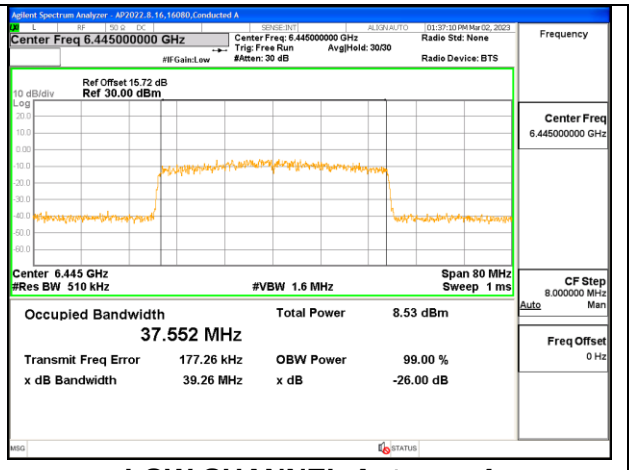
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6445	37.530	37.552
High	6485	37.486	37.549
Straddle	6525	37.597	37.625

LOW CHANNEL

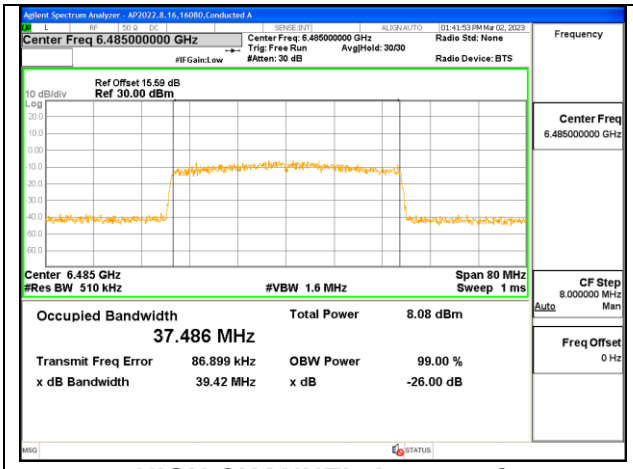


LOW CHANNEL Antenna 3

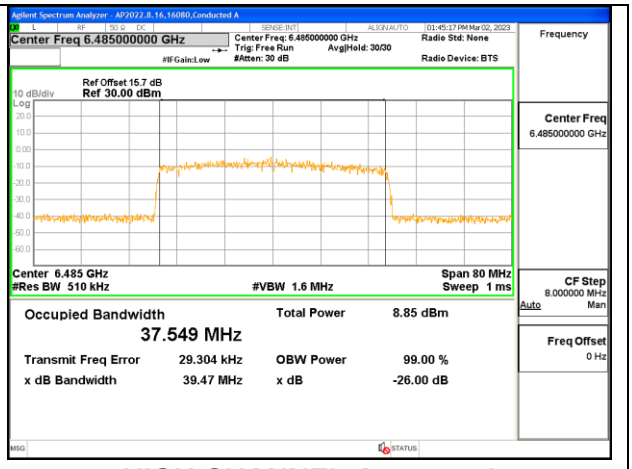


LOW CHANNEL Antenna 4

HIGH CHANNEL

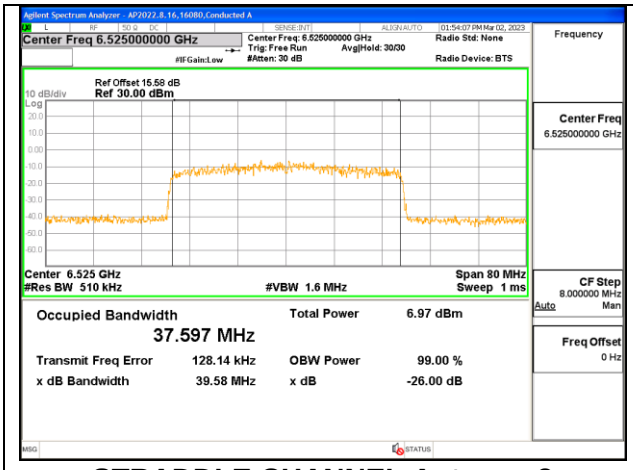


HIGH CHANNEL Antenna 3

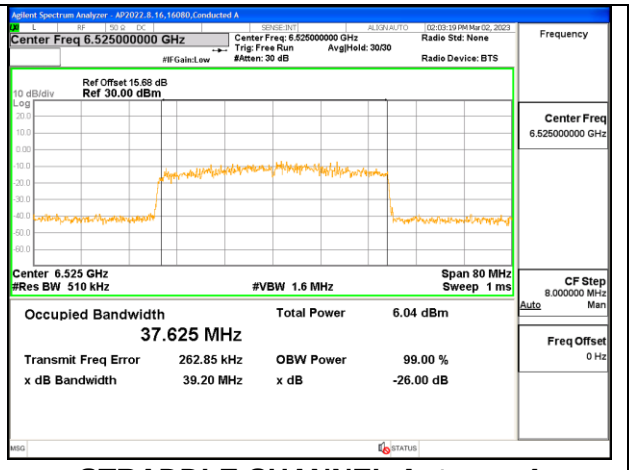


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



STRADDLE CHANNEL Antenna 3



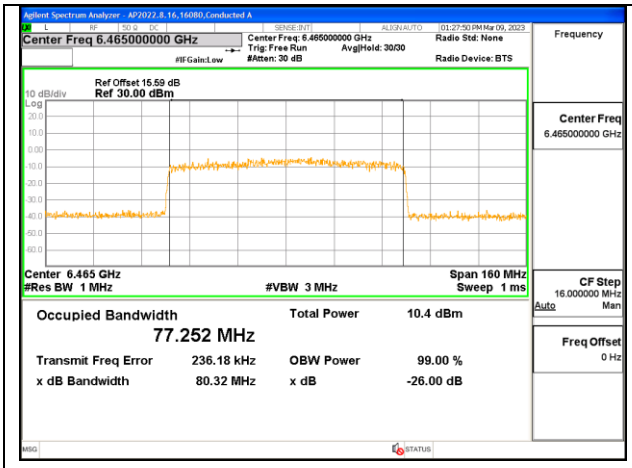
STRADDLE CHANNEL Antenna 4

9.3.6. 802.11ax HE80 MODE 2TX IN THE UNII-6 BAND

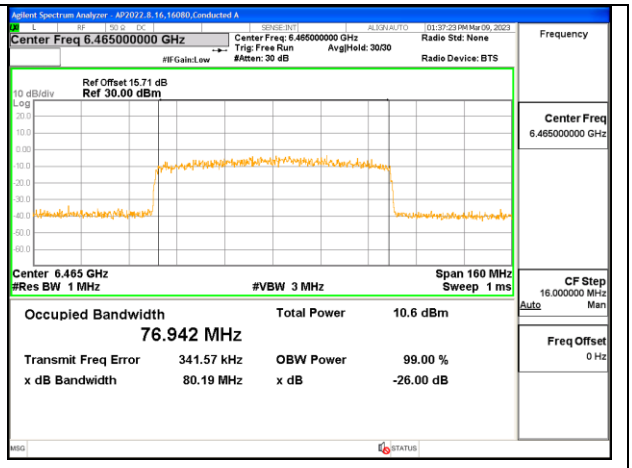
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Mid	6465	77.252	76.942
Straddle	6545	76.930	77.078

MID CHANNEL

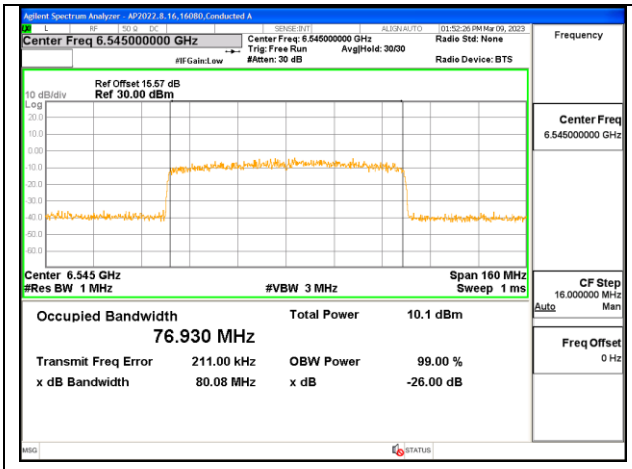


MID CHANNEL Antenna 3

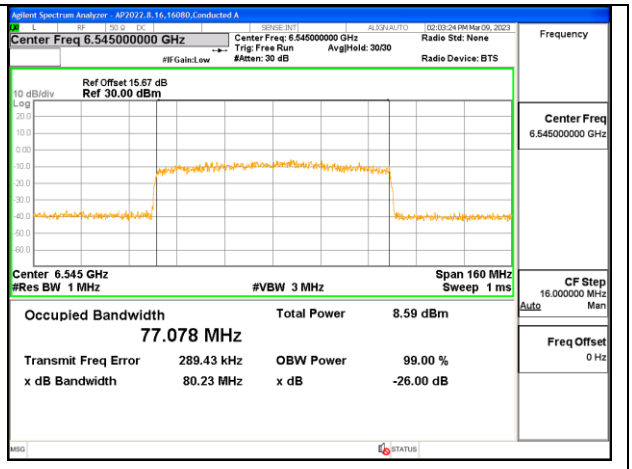


MID CHANNEL Antenna 4

STRADDLE CHANNEL



STRADDLE CHANNEL Antenna 3



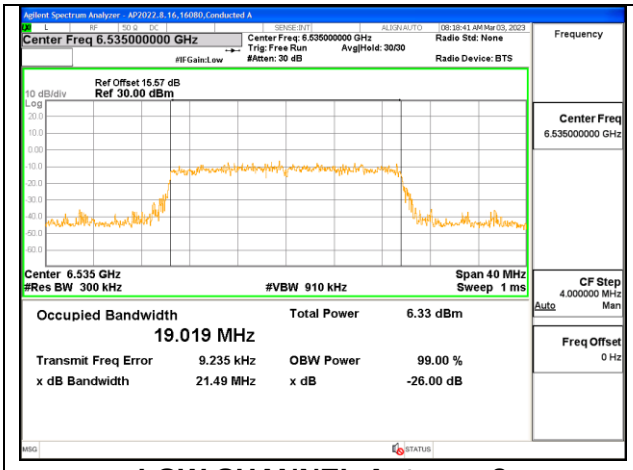
STRADDLE CHANNEL Antenna 4

9.3.7. 802.11ax HE20 MODE 2TX IN THE UNII-7 BAND

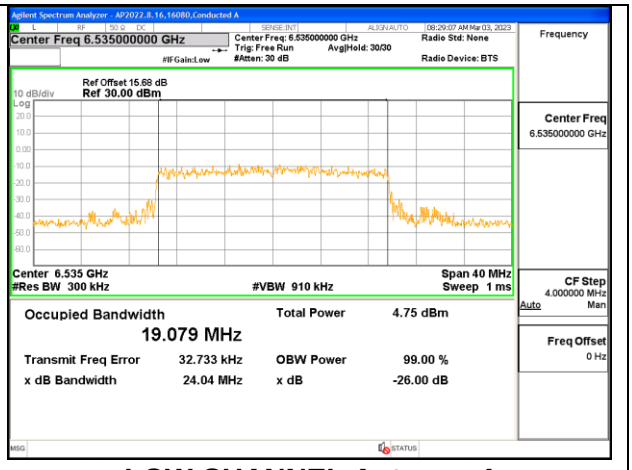
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6535	19.019	19.079
Mid	6715	18.919	18.955
High	6855	19.100	19.097
Straddle	6875	19.104	19.129

LOW CHANNEL

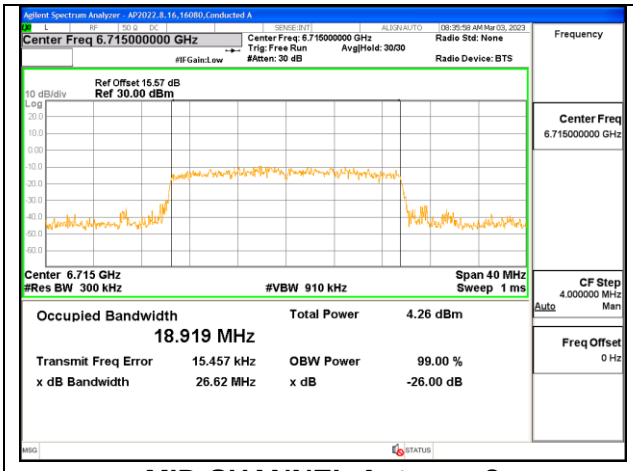


LOW CHANNEL Antenna 3

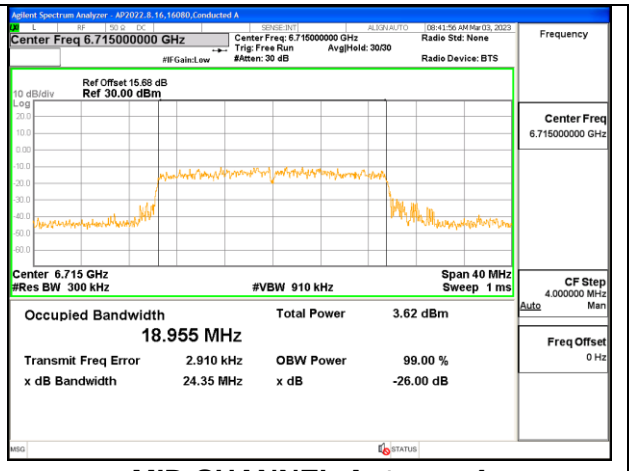


LOW CHANNEL Antenna 4

MID CHANNEL

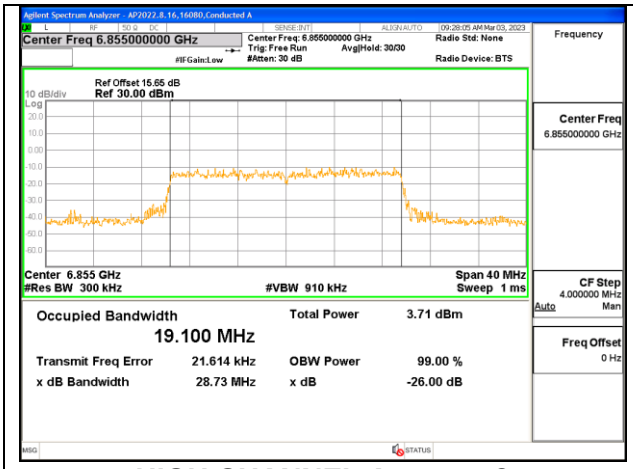


MID CHANNEL Antenna 3

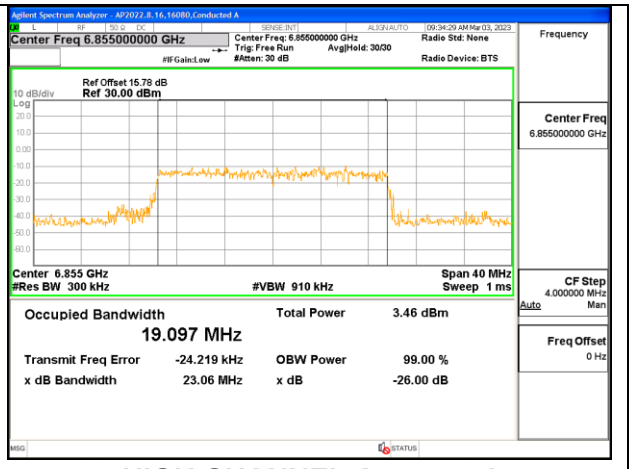


MID CHANNEL Antenna 4

HIGH CHANNEL

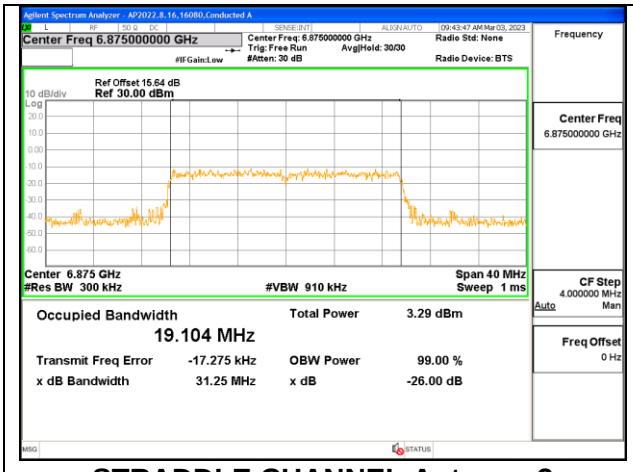


HIGH CHANNEL Antenna 3

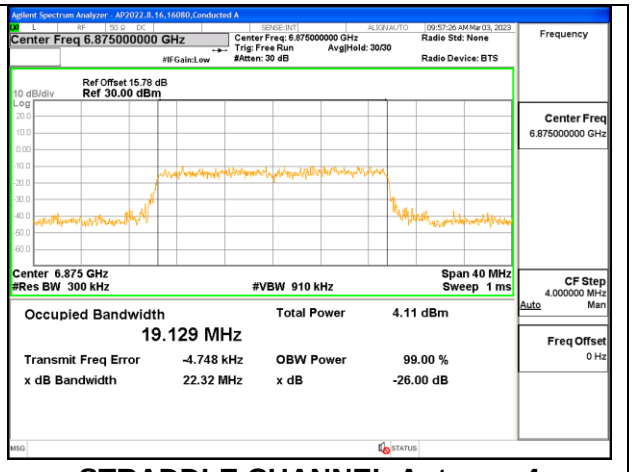


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



STRADDLE CHANNEL Antenna 3



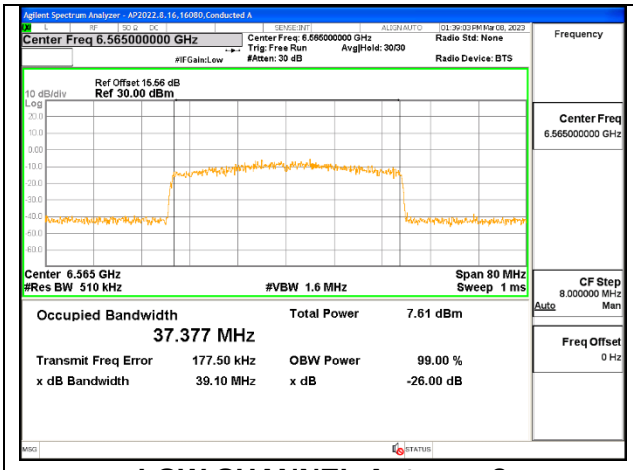
STRADDLE CHANNEL Antenna 4

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

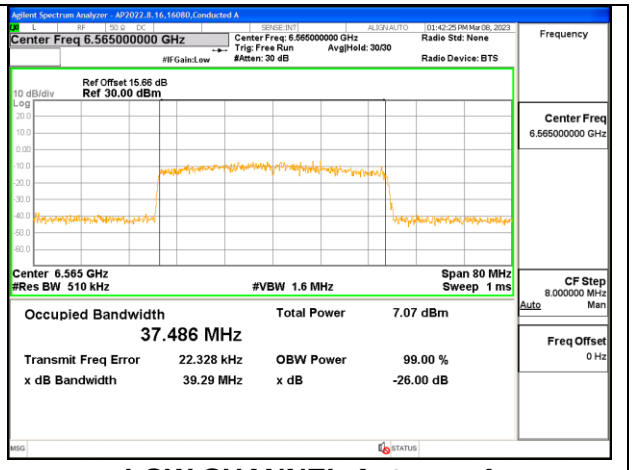
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6565	37.377	37.486
Mid	6685	37.497	37.496
High	6845	37.556	37.496
Straddle	6885	37.658	37.657

LOW CHANNEL

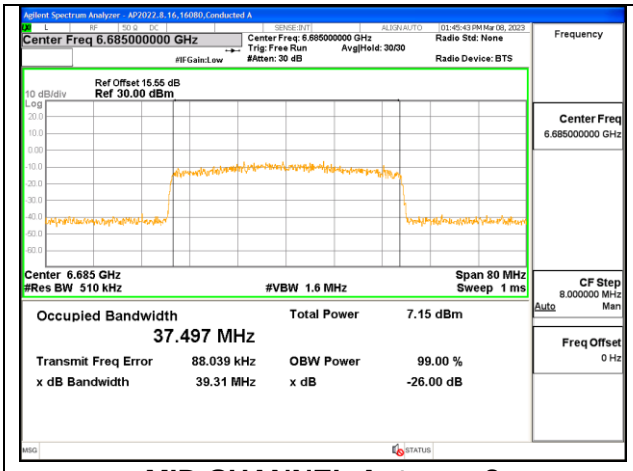


LOW CHANNEL Antenna 3

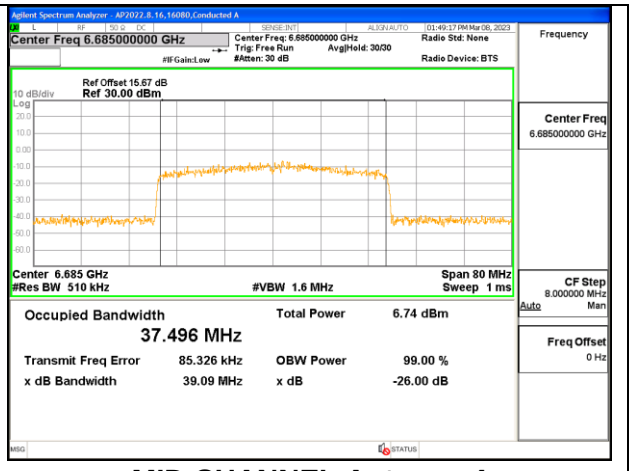


LOW CHANNEL Antenna 4

MID CHANNEL

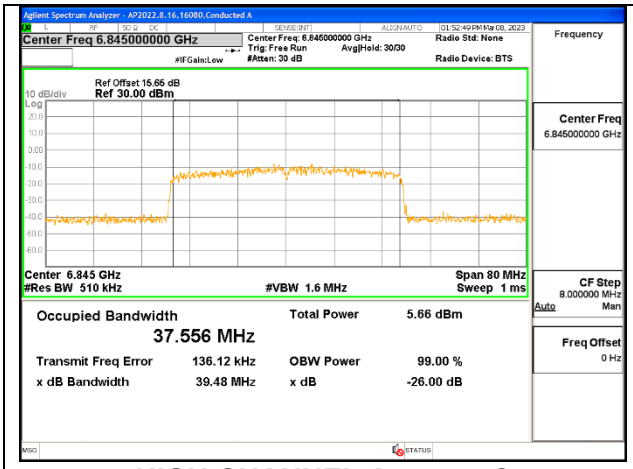


MID CHANNEL Antenna 3

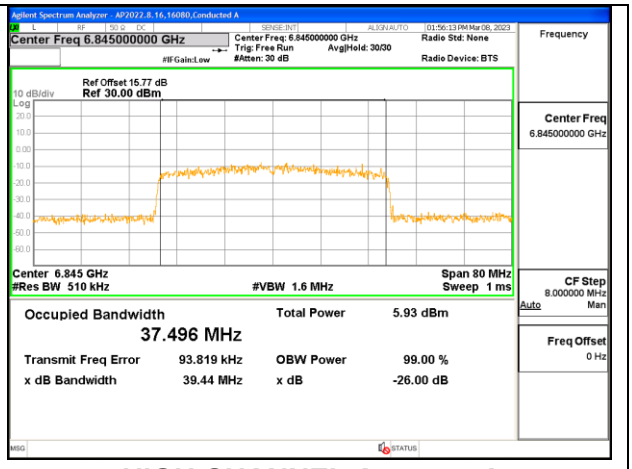


MID CHANNEL Antenna 4

HIGH CHANNEL

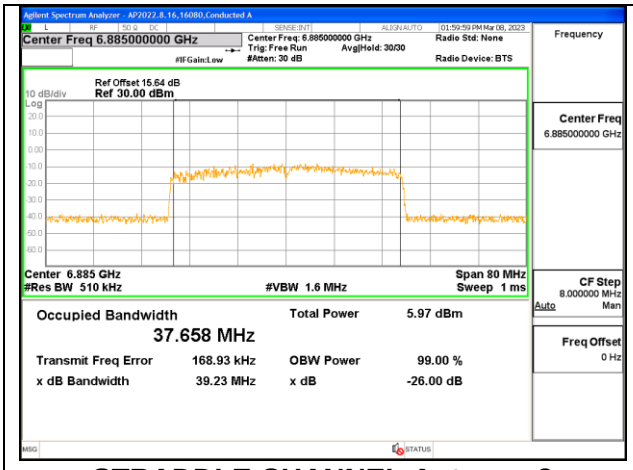


HIGH CHANNEL Antenna 3

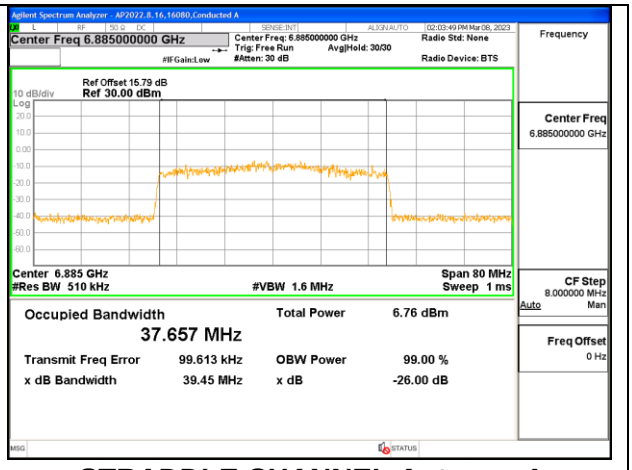


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



STRADDLE CHANNEL Antenna 3



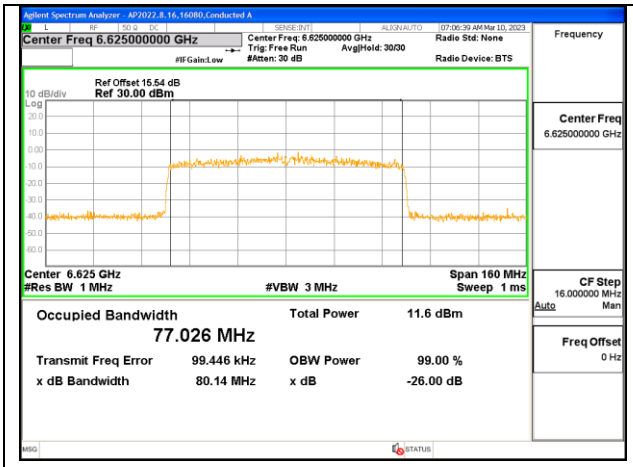
STRADDLE CHANNEL Antenna 4

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

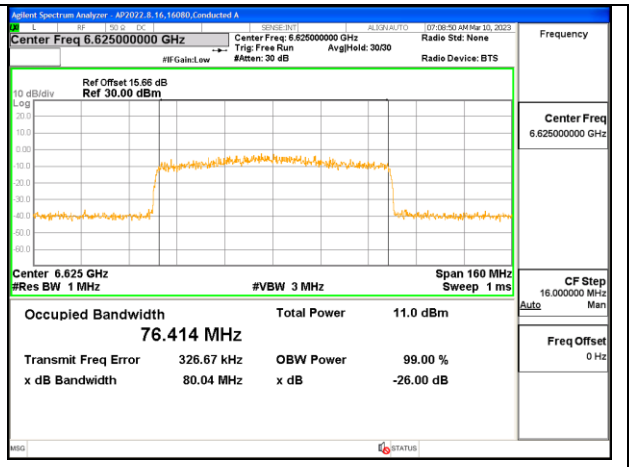
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6625	77.026	76.414
Mid	6705	76.427	77.023
High	6785	76.734	77.178
Straddle	6865	76.730	76.946

LOW CHANNEL

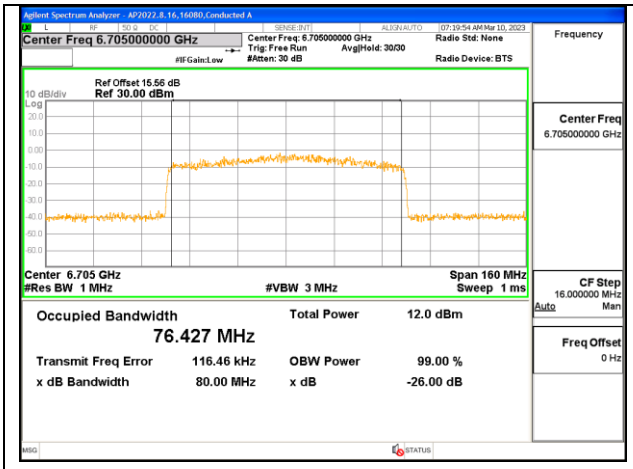


LOW CHANNEL Antenna 3

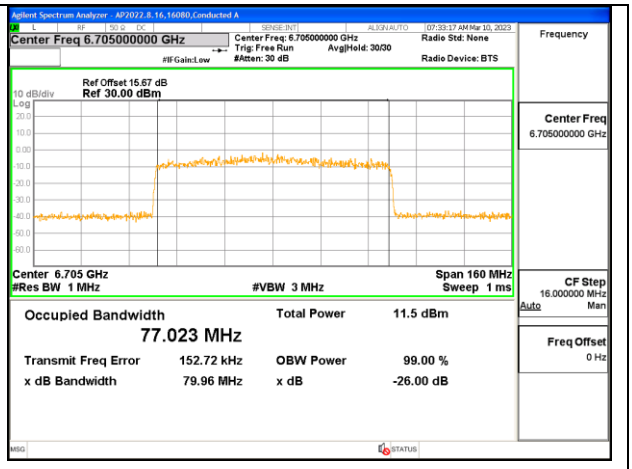


LOW CHANNEL Antenna 4

MID CHANNEL

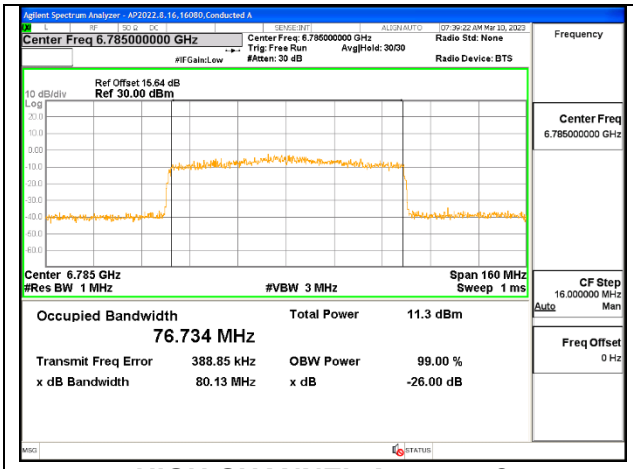


MID CHANNEL Antenna 3

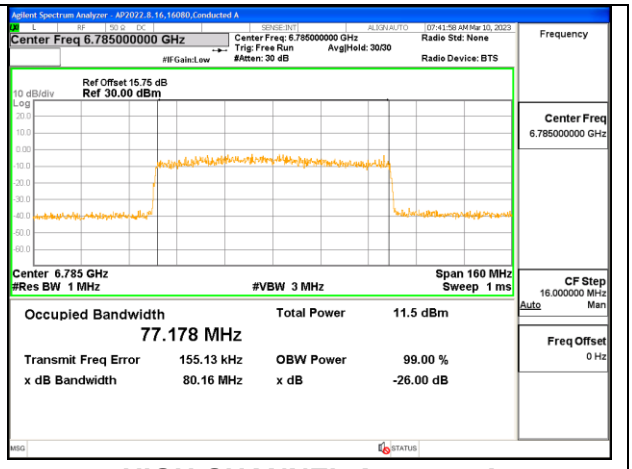


MID CHANNEL Antenna 4

HIGH CHANNEL

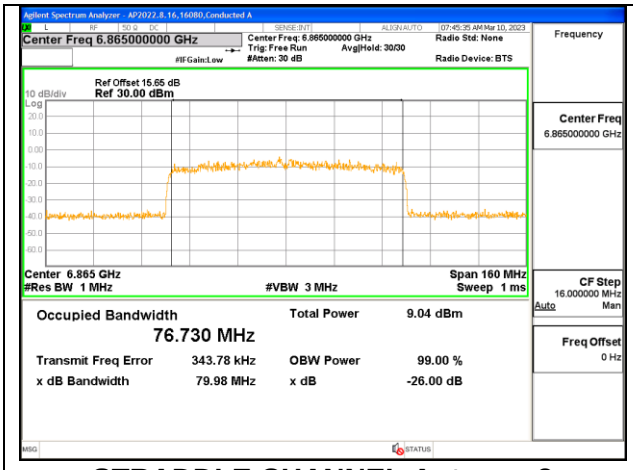


HIGH CHANNEL Antenna 3

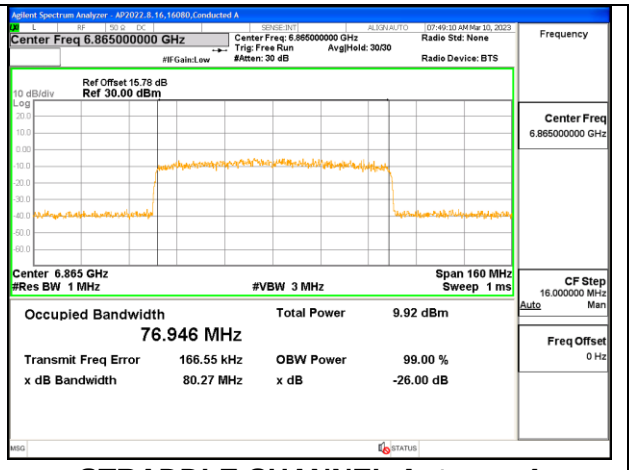


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



STRADDLE CHANNEL Antenna 3



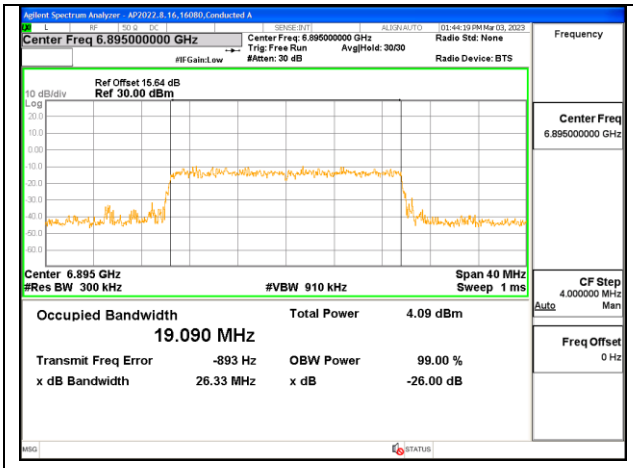
STRADDLE CHANNEL Antenna 4

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

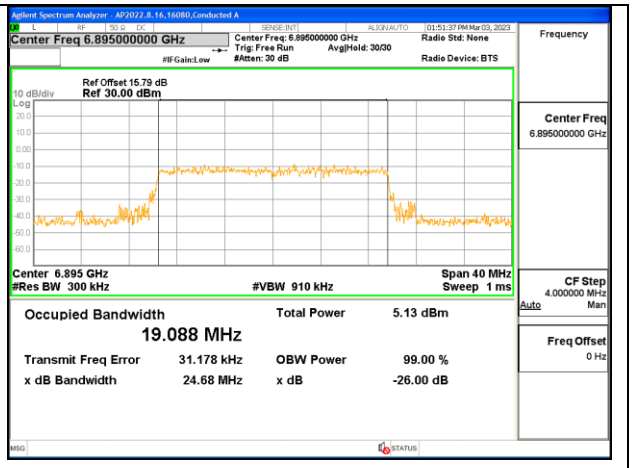
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6895	19.090	19.088
Mid	6995	19.094	19.045
High	7115	19.117	19.068

LOW CHANNEL

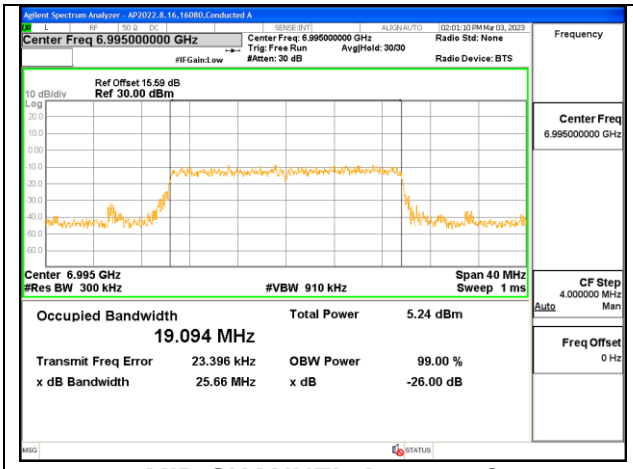


LOW CHANNEL Antenna 3

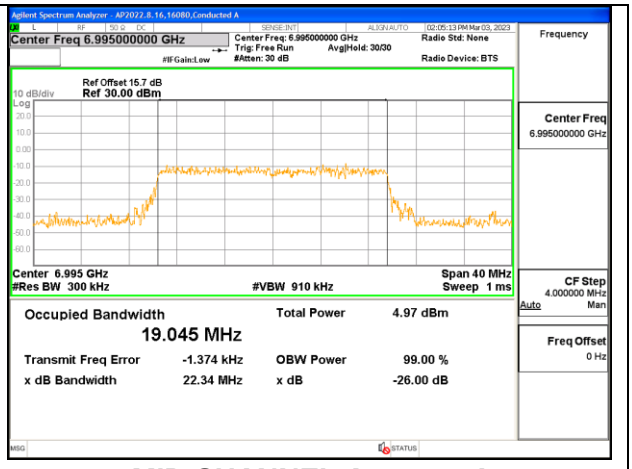


LOW CHANNEL Antenna 4

MID CHANNEL

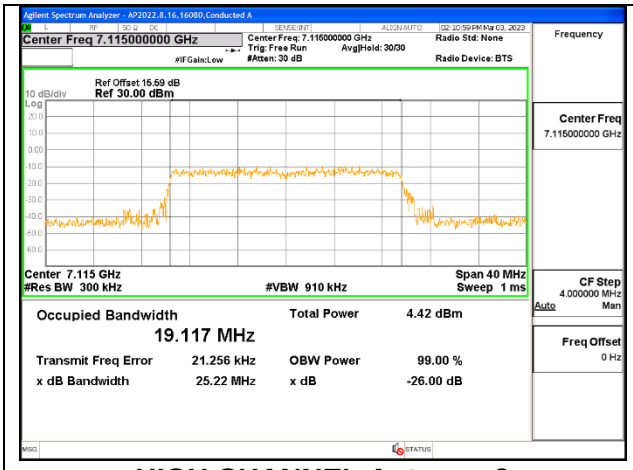


MID CHANNEL Antenna 3

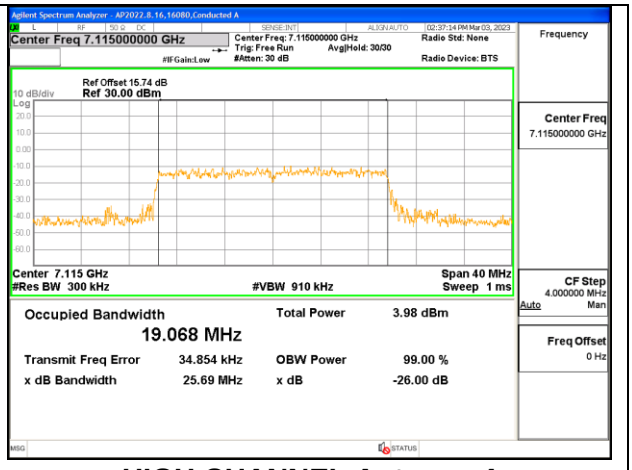


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3



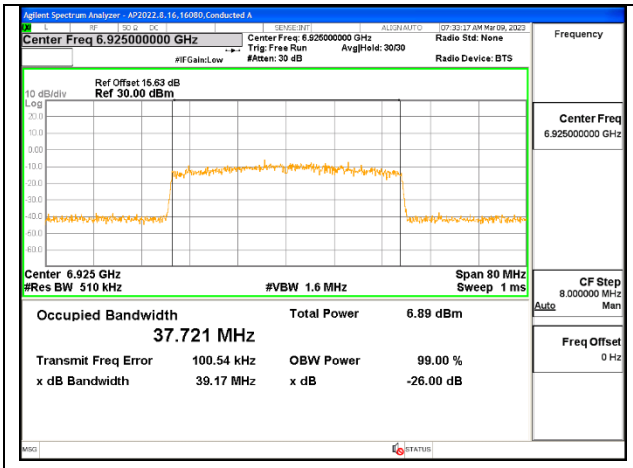
HIGH CHANNEL Antenna 4

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

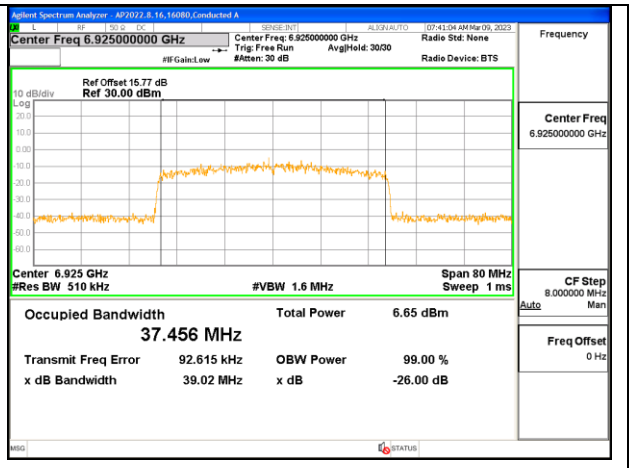
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6925	37.721	37.456
Mid	6965	37.625	37.631
High	7085	37.441	37.393

LOW CHANNEL

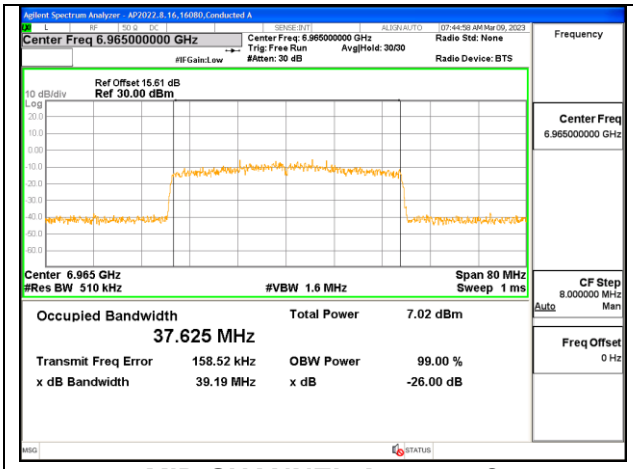


LOW CHANNEL Antenna 3

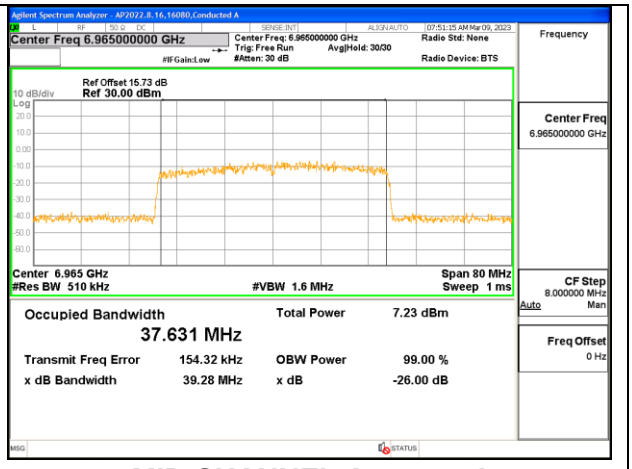


LOW CHANNEL Antenna 4

MID CHANNEL

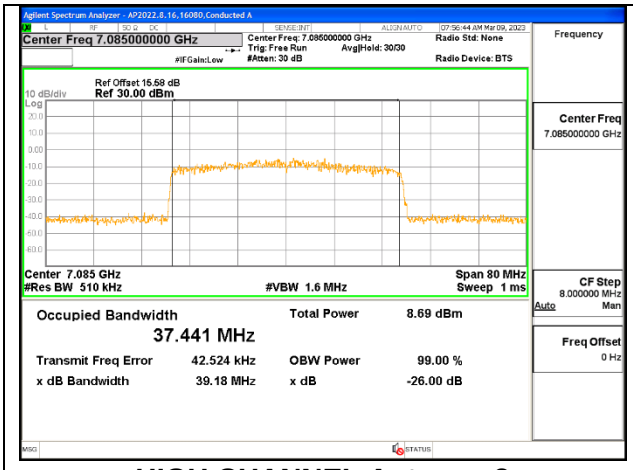


MID CHANNEL Antenna 3

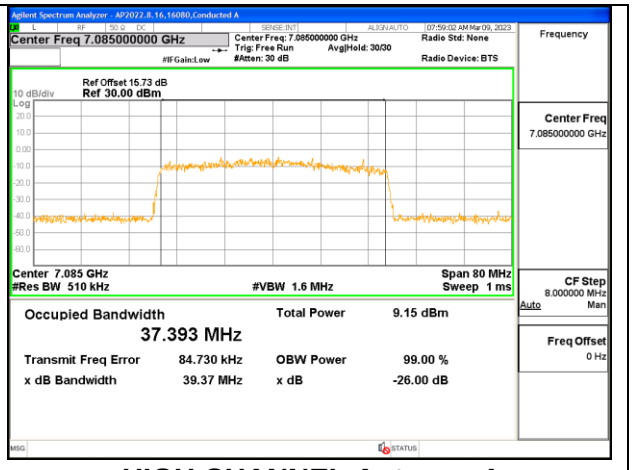


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3



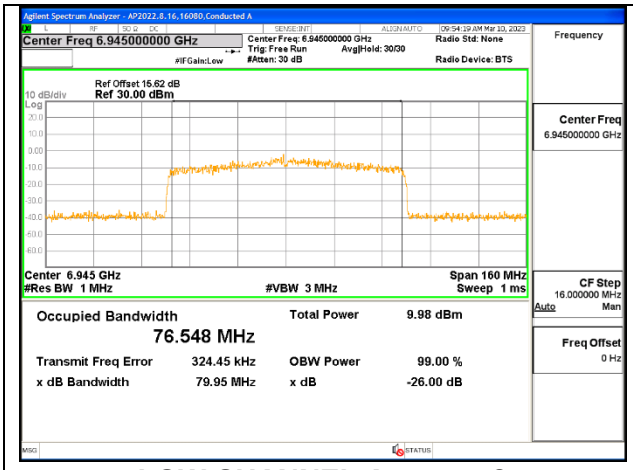
HIGH CHANNEL Antenna 4

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

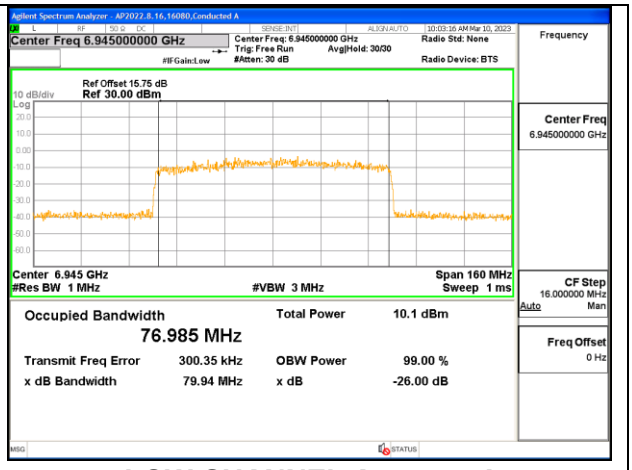
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency (MHz)	99% Bandwidth Antenna 3 (MHz)	99% Bandwidth Antenna 4 (MHz)
Low	6945	76.548	76.985
High	7025	76.452	76.933

LOW CHANNEL

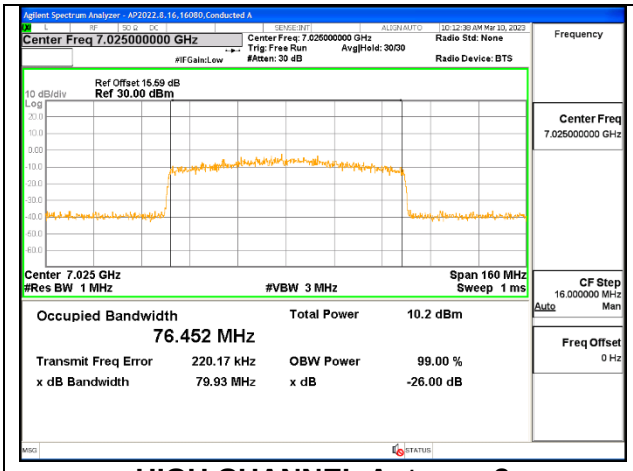


LOW CHANNEL Antenna 3

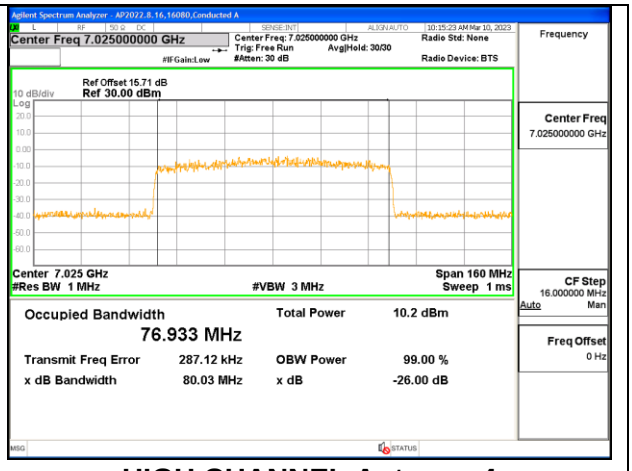


LOW CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 4

9.4. OUTPUT POWER AND PSD

LIMITS

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

4.6.3. 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 and power density were measured by radiated method in lieu of conducted measurements. Turn table, antenna and polarization were maximized for this method.

Effective Isotropic Radiated Power Calculated as follows:

Measured Transmitter Power (dBm) + Free Space Path Loss at 3 Meter (dB) + Measurement Antenna Gain (dBi) + Preamp Gain (dB) + Duty Cycle Correction Factor (dB) = EIRP (dBm)

Sample Calculation: -31.85 dBm + 57.49 dB – 10.74 dBi – 6.19 dB + 4.17dB = 12.88 dBm

Note: Same calculation is used for both total channel power and power spectral density measurements. The only difference is the measurement bandwidths.

RESULTS

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

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	JB 45256
Test Date:	2023-02-28

(NOTE: **POWER and PSD were tested by radiated method**)

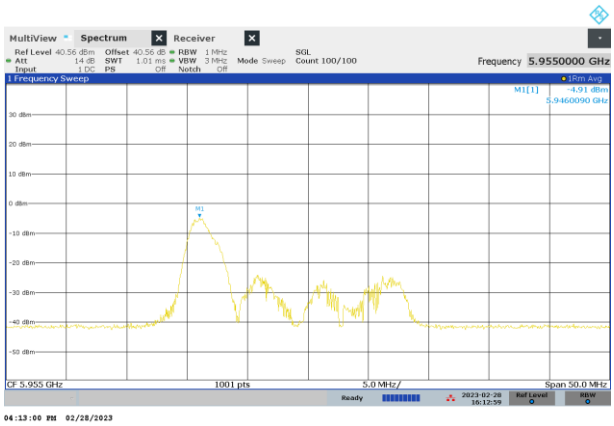
Duty Cycle CF (dB)	3.13	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-0.11	3.02	24.00	-20.98

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5955	-4.91	-1.78	-1.00	-0.78



LOW CHANNEL

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

Test Engineer:	JB 45256
Test Date:	2023-02-28

(NOTE: **POWER and PSD were tested by radiated method**)

Duty Cycle CF (dB)	3.13	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Mid	6175	1.11	4.24	24.00	-19.76

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	6175	-4.90	-1.77	-1.00	-0.77

MID CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	JB 45256
Test Date:	2023-02-28

(NOTE: **POWER and PSD were tested by radiated method**)

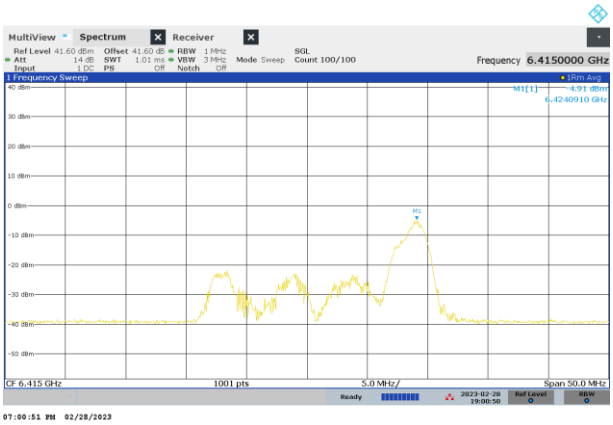
Duty Cycle CF (dB)	3.13	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
High	6415	-1.19	1.94	24.00	-22.06

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
High	6415	-4.91	-1.78	-1.00	-0.78



HIGH CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756 and JB 45256
Test Date:	2023-02-28 to 2023-03-01

(NOTE: **POWER and PSD was tested by radiated method**)

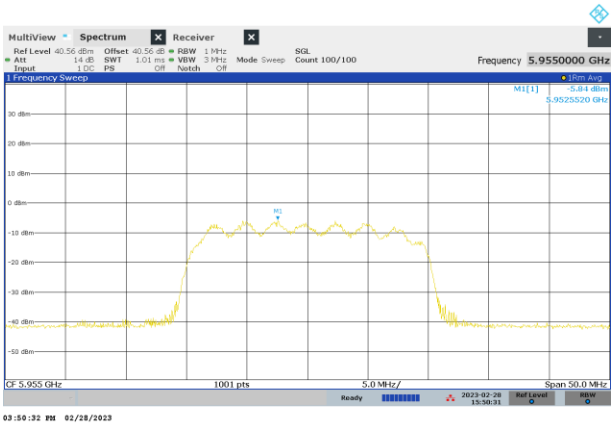
Duty Cycle CF (dB)	4.17	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

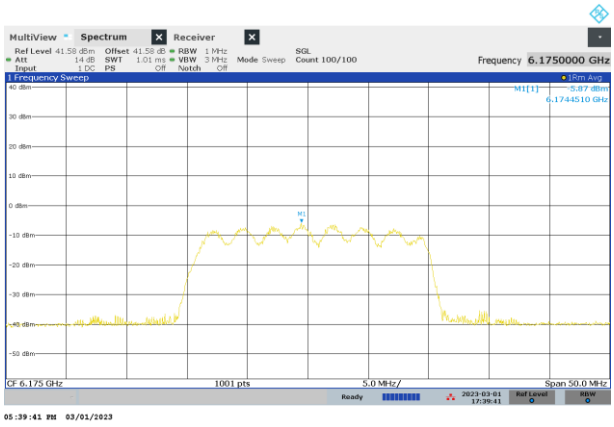
Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	8.71	12.88	24.00	-11.12
Mid	6175	7.83	12.00	24.00	-12.00
High	6415	8.41	12.58	24.00	-11.42

PSD Results

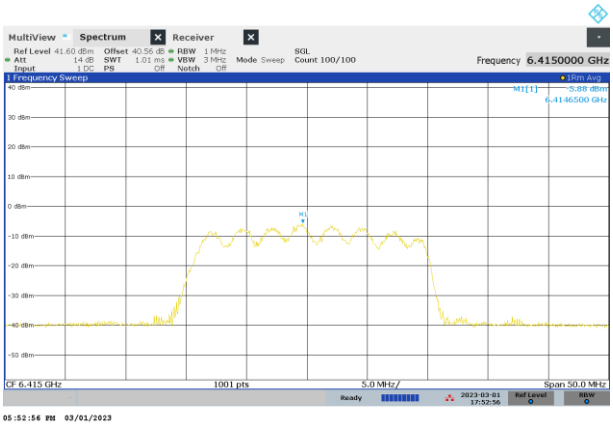
Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5955	-5.84	-1.67	-1.00	-0.67
Mid	6175	-5.87	-1.70	-1.00	-0.70
High	6415	-5.88	-1.71	-1.00	-0.71



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	JB 45256
Test Date:	2023-03-01

(NOTE: **POWER was tested by radiated method**)

Duty Cycle CF (dB)	2.03	**Included in Calculations of Corr'd Power**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	9.01	11.04	24.00	-12.96
Mid	6175	8.69	10.72	24.00	-13.28
High	6415	8.89	10.92	24.00	-13.08

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

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	JB 45256
Test Date:	2023-03-01

(NOTE: **POWER and PSD were tested by radiated method**)

Duty Cycle CF (dB)	3.09	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	0.76	3.85	24.00	-20.15

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5965	-5.89	-2.80	-1.00	-1.80

LOW CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	JB 45256
Test Date:	2023-03-01

(NOTE: **POWER and PSD were tested by radiated method**)

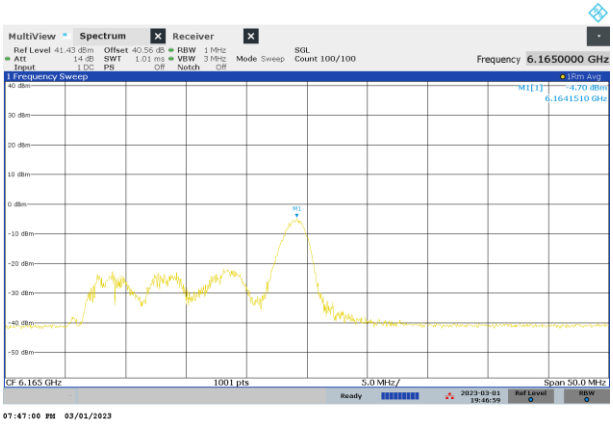
Duty Cycle CF (dB)	3.09	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Mid	6165	0.51	3.60	24.00	-20.40

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	6165	-4.70	-1.61	-1.00	-0.61



MID CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

Test Engineer:	JB 45256
Test Date:	2023-03-01

(NOTE: **POWER and PSD was tested by radiated method**)

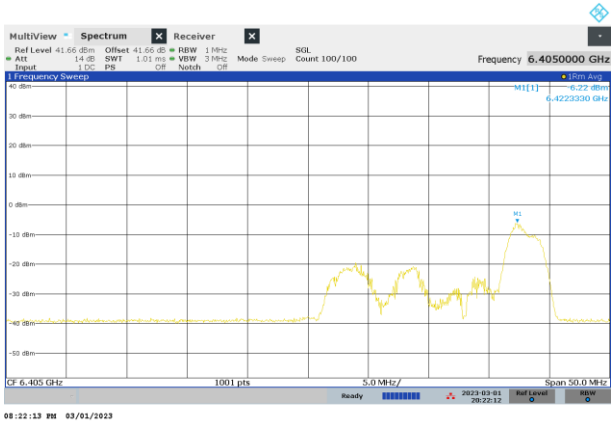
Duty Cycle CF (dB)	3.09	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
High	6405	-1.04	2.05	24.00	-21.95

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
High	6405	-6.22	-3.13	-1.00	-2.13



HIGH CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	JB 45256
Test Date:	2023-03-01

(NOTE: **POWER and PSD were tested by radiated method**)

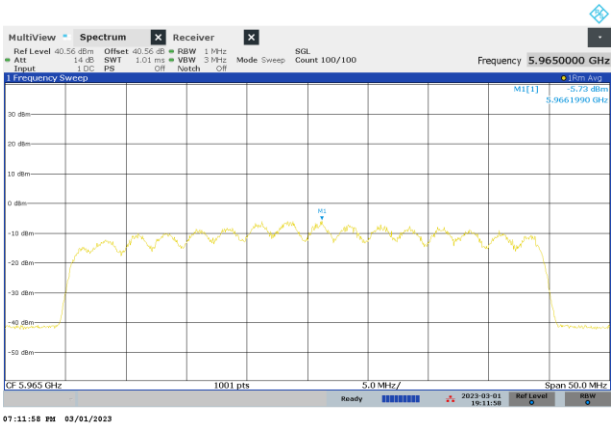
Duty Cycle CF (dB)	4.24	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

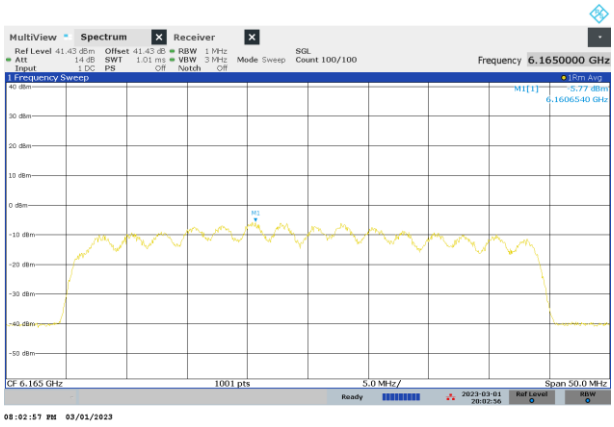
Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	9.41	13.65	24.00	-10.35
Mid	6165	9.59	13.83	24.00	-10.17
High	6405	9.77	14.01	24.00	-9.99

PSD Results

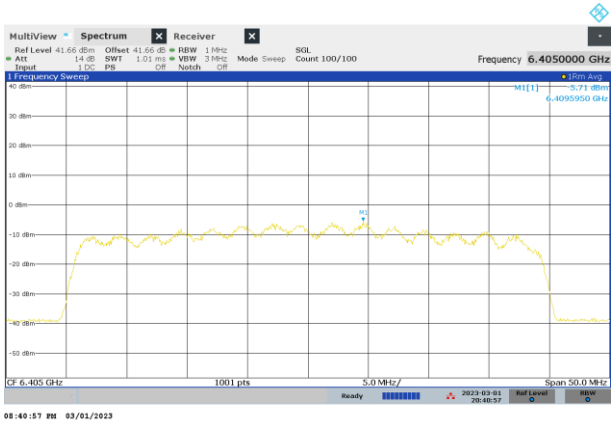
Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5965	-5.73	-1.49	-1.00	-0.49
Mid	6165	-5.77	-1.53	-1.00	-0.53
High	6405	-5.71	-1.47	-1.00	-0.47



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	CW 20756
Test Date:	2023-03-02

(NOTE: **POWER was tested by radiated method**)

Duty Cycle CF (dB)	3.26	**Included in Calculations of Corr'd Power**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	9.68	12.94	24.00	-11.06
Mid	6165	10.10	13.36	24.00	-10.64
High	6405	10.20	13.46	24.00	-10.54

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

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	CW 20756
Test Date:	2023-03-08

(NOTE: **POWER and PSD were tested by radiated method**)

Duty Cycle CF (dB)	3.12	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	0.41	3.53	24.00	-20.47

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5985	-5.13	-2.01	-1.00	-1.01

LOW CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

Test Engineer:	JB 45256
Test Date:	2023-03-08

(NOTE: **POWER and PSD was tested by radiated method**)

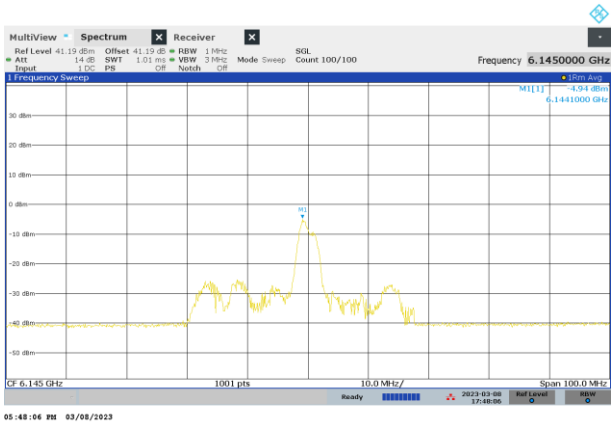
Duty Cycle CF (dB)	3.12	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Mid	6145	0.67	3.79	24.00	-20.21

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	6145	-4.94	-1.82	-1.00	-0.82



MID CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

Test Engineer:	JB 45256
Test Date:	2023-03-08

(NOTE: **POWER and PSD were tested by radiated method**)

Duty Cycle CF (dB)	3.12	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
High	6385	1.60	4.72	24.00	-19.28

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
High	6385	-4.96	-1.84	-1.00	-0.84

HIGH CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756 and JB 45256
Test Date:	2023-03-08

(NOTE: **POWER and PSD were tested by radiated method**)

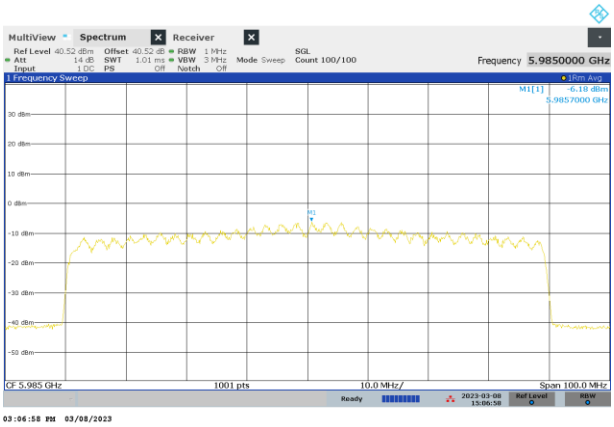
Duty Cycle CF (dB)	4.53	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

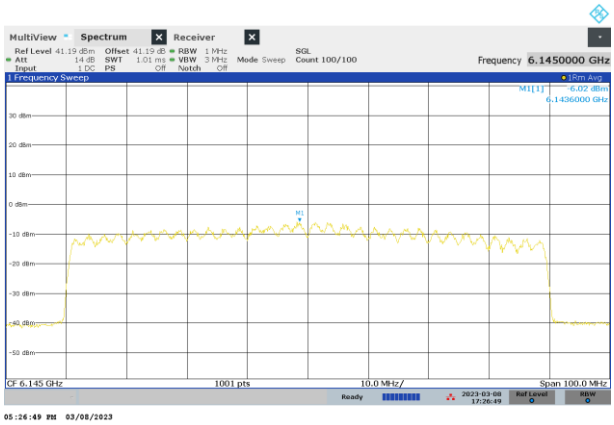
Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	12.13	16.66	24.00	-7.34
Mid	6145	13.06	17.59	24.00	-6.41
High	6385	12.50	17.03	24.00	-6.97

PSD Results

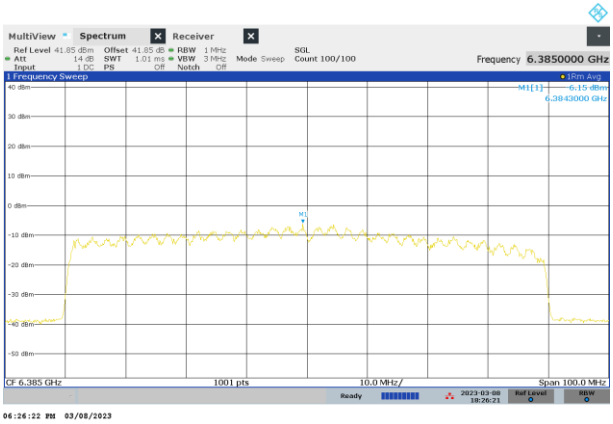
Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5985	-6.18	-1.65	-1.00	-0.65
Mid	6145	-6.02	-1.49	-1.00	-0.49
High	6385	-6.15	-1.62	-1.00	-0.62



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: SU, Single User

Test Engineer:	CW 20756
Test Date:	2023-03-08

(NOTE: **POWER was tested by radiated method**)

Duty Cycle CF (dB)	4.83	**Included in Calculations of Corr'd Power**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	11.19	16.02	24.00	-7.98
Mid	6145	10.31	15.14	24.00	-8.86
High	6385	11.03	15.86	24.00	-8.14

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

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

Test Engineer:	JB 45256
Test Date:	2023-02-28

(NOTE: **POWER and PSD were tested by radiated method**)

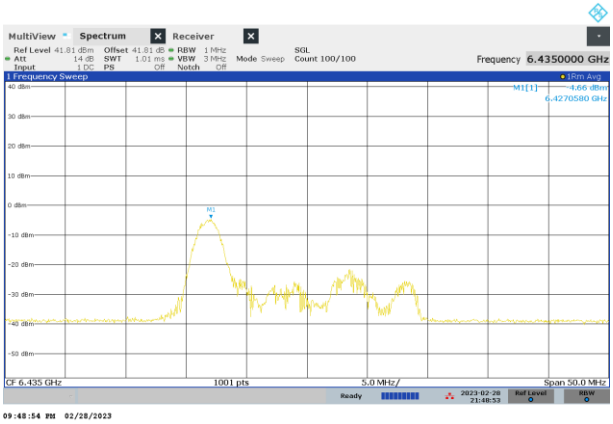
Duty Cycle CF (dB)	3.13	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6435	1.11	4.24	24.00	-19.76

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	6435	-4.66	-1.53	-1.00	-0.53



LOW CHANNEL

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

Test Engineer:	JB 45256
Test Date:	2023-02-28

(NOTE: **POWER and PSD were tested by radiated method**)

Duty Cycle CF (dB)	3.13	**Included in Calculations of Corr'd Power & PSD**

Output Power Results

Channel	Frequency (MHz)	Meas EIRP Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Mid	6475	0.43	3.56	24.00	-20.44

PSD Results

Channel	Frequency (MHz)	Meas EIRP PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	6475	-4.78	-1.65	-1.00	-0.65

MID CHANNEL