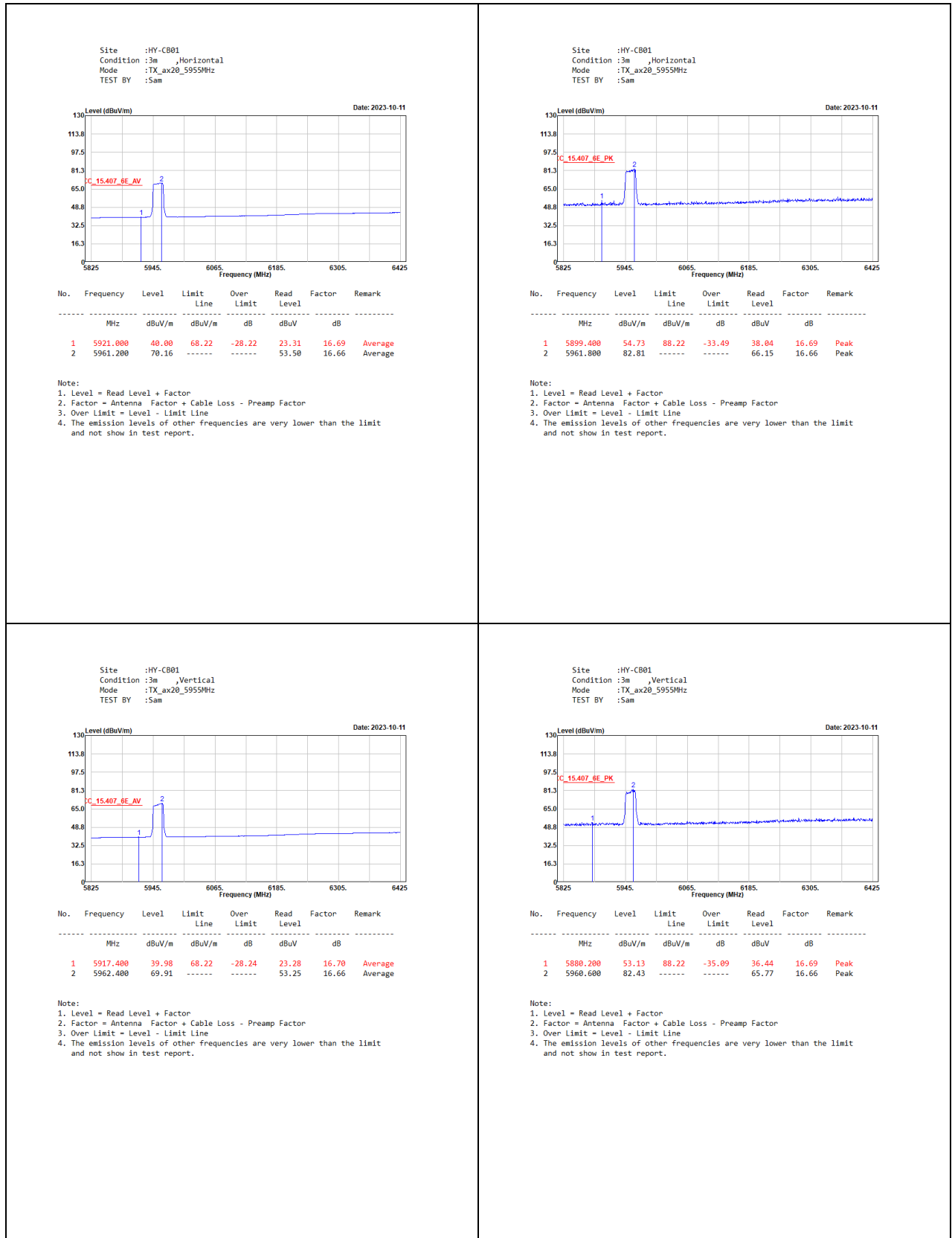
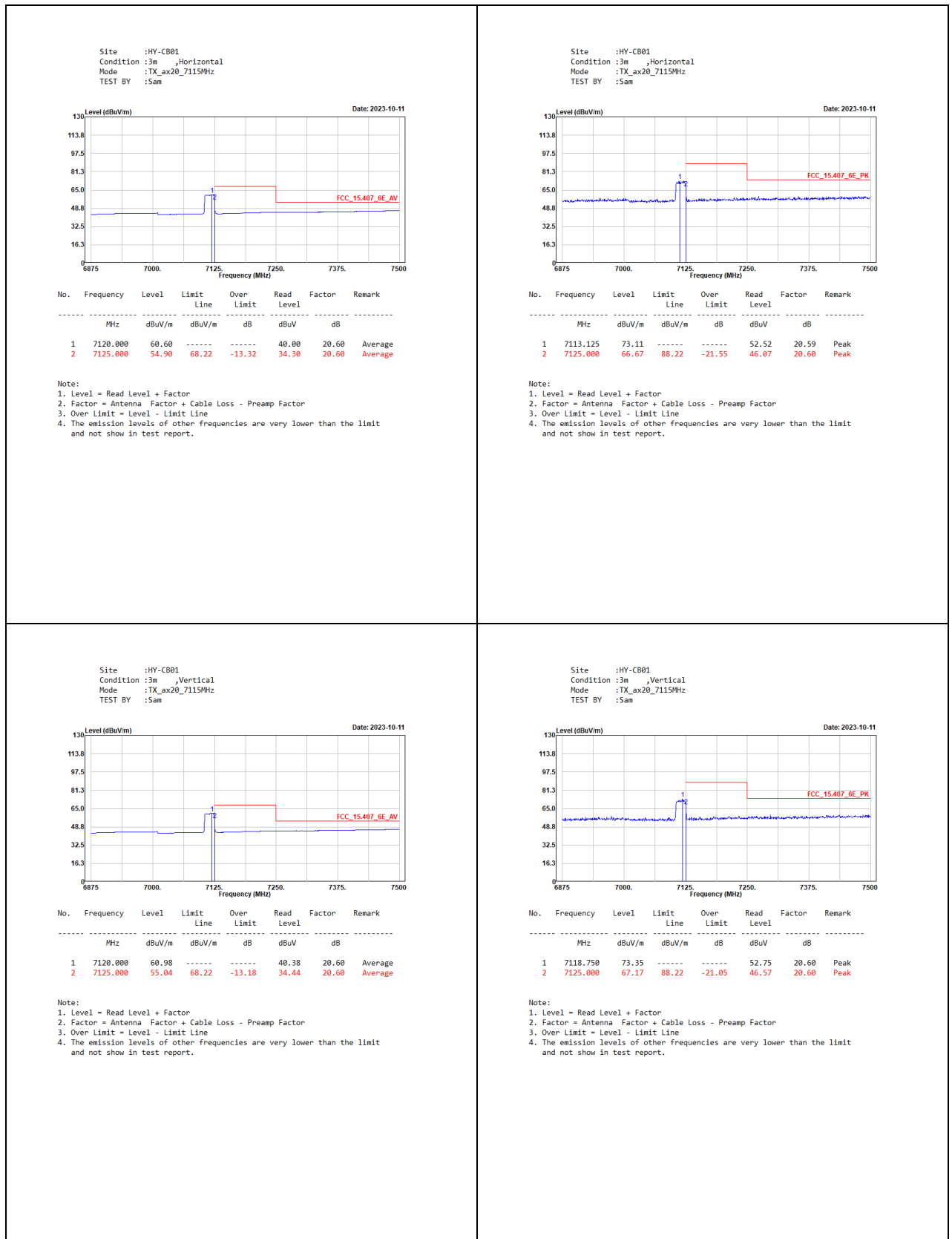


7.4. Test Result of Band Edge

SISO A

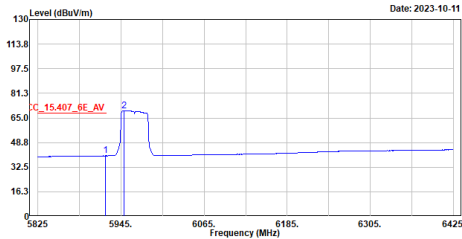




Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax40_5965MHz
TEST BY :Sam

Level (dBuV/m)

Date: 2023-10-11



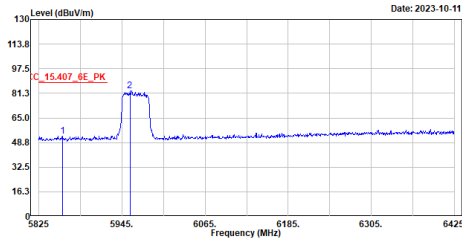
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	5922.800	40.00	68.22	-28.22	23.31	16.69	Average
2	5949.200	69.88	-----	-----	53.19	16.69	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax40_5965MHz
TEST BY :Sam

Level (dBuV/m)

Date: 2023-10-11



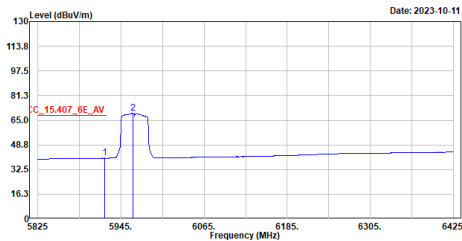
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	5859.200	53.19	88.22	-35.03	36.49	16.70	Peak
2	5956.400	82.75	-----	-----	66.07	16.68	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax40_5965MHz
TEST BY :Sam

Level (dBuV/m)

Date: 2023-10-11



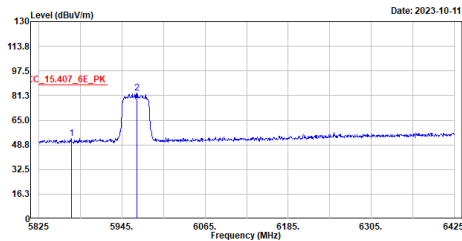
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	5921.000	39.99	68.22	-28.23	23.30	16.69	Average
2	5961.800	69.42	-----	-----	52.76	16.66	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax40_5965MHz
TEST BY :Sam

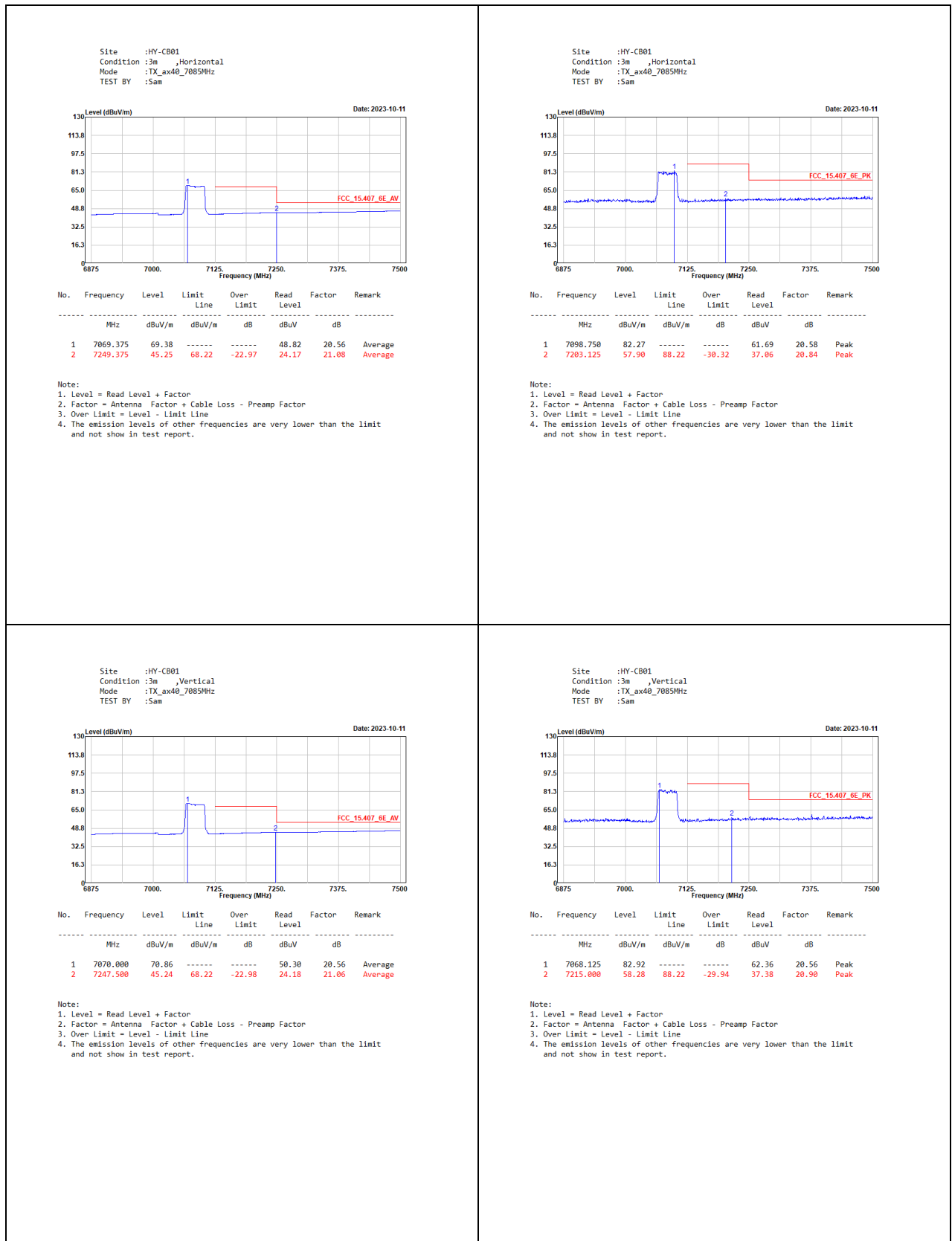
Level (dBuV/m)

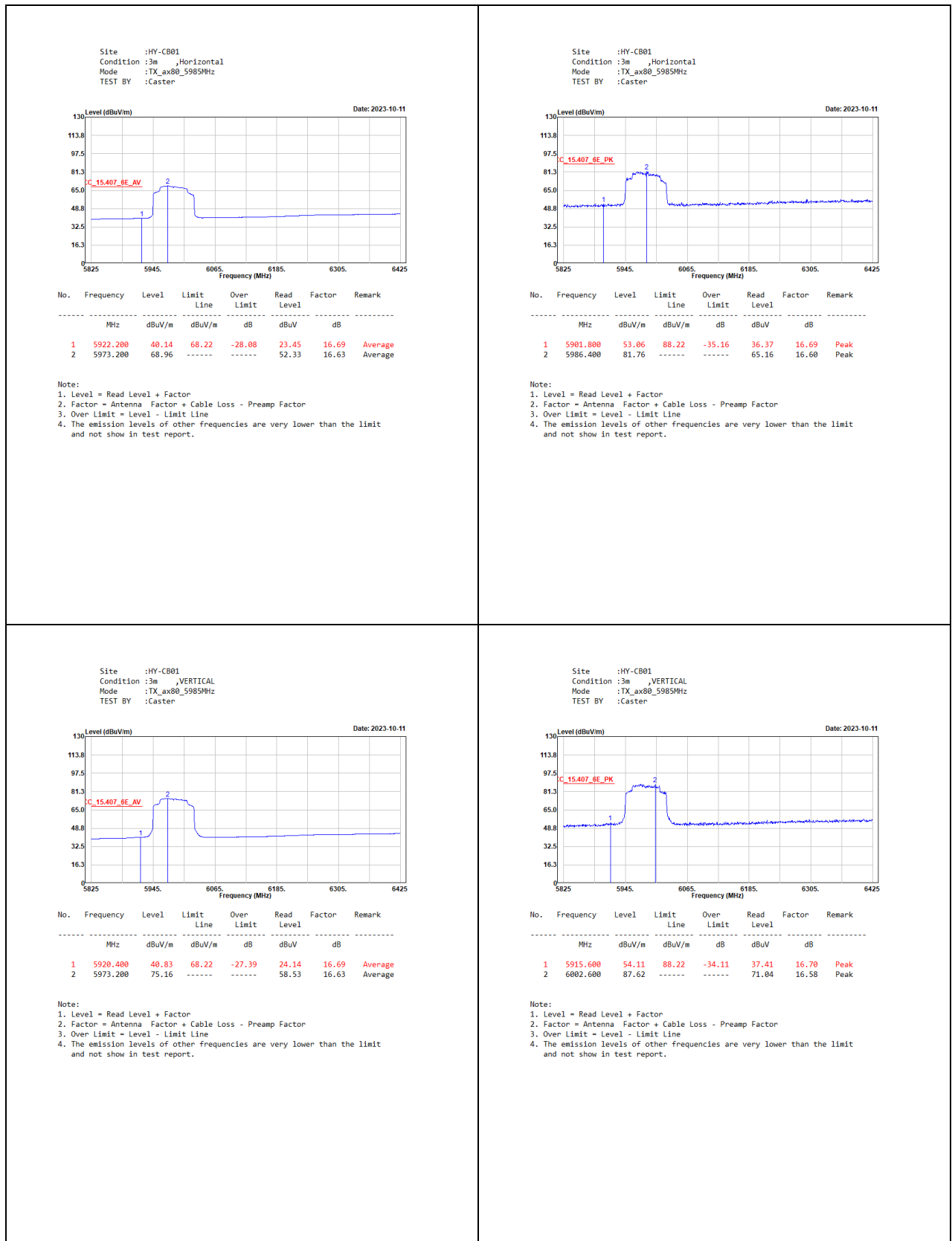
Date: 2023-10-11

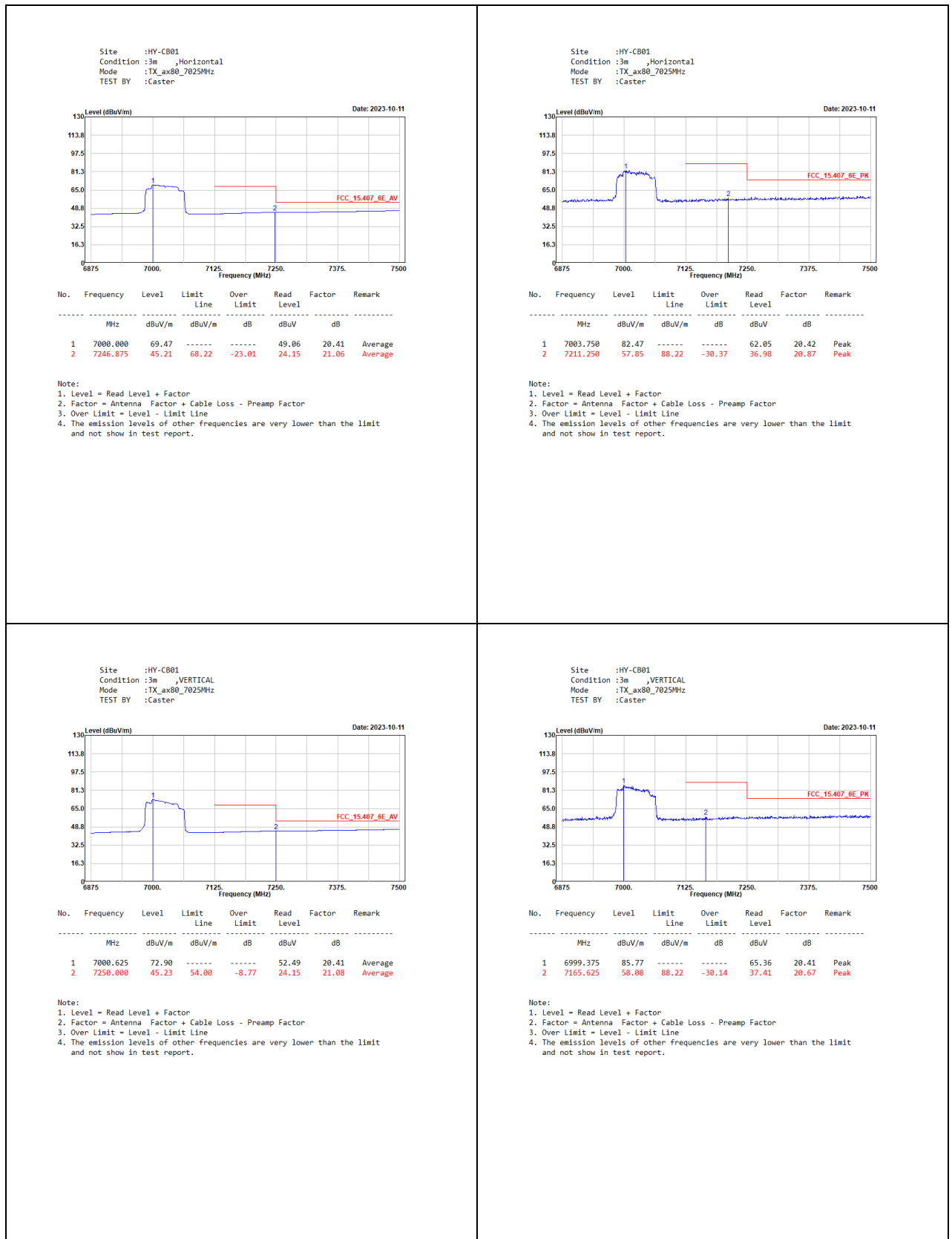


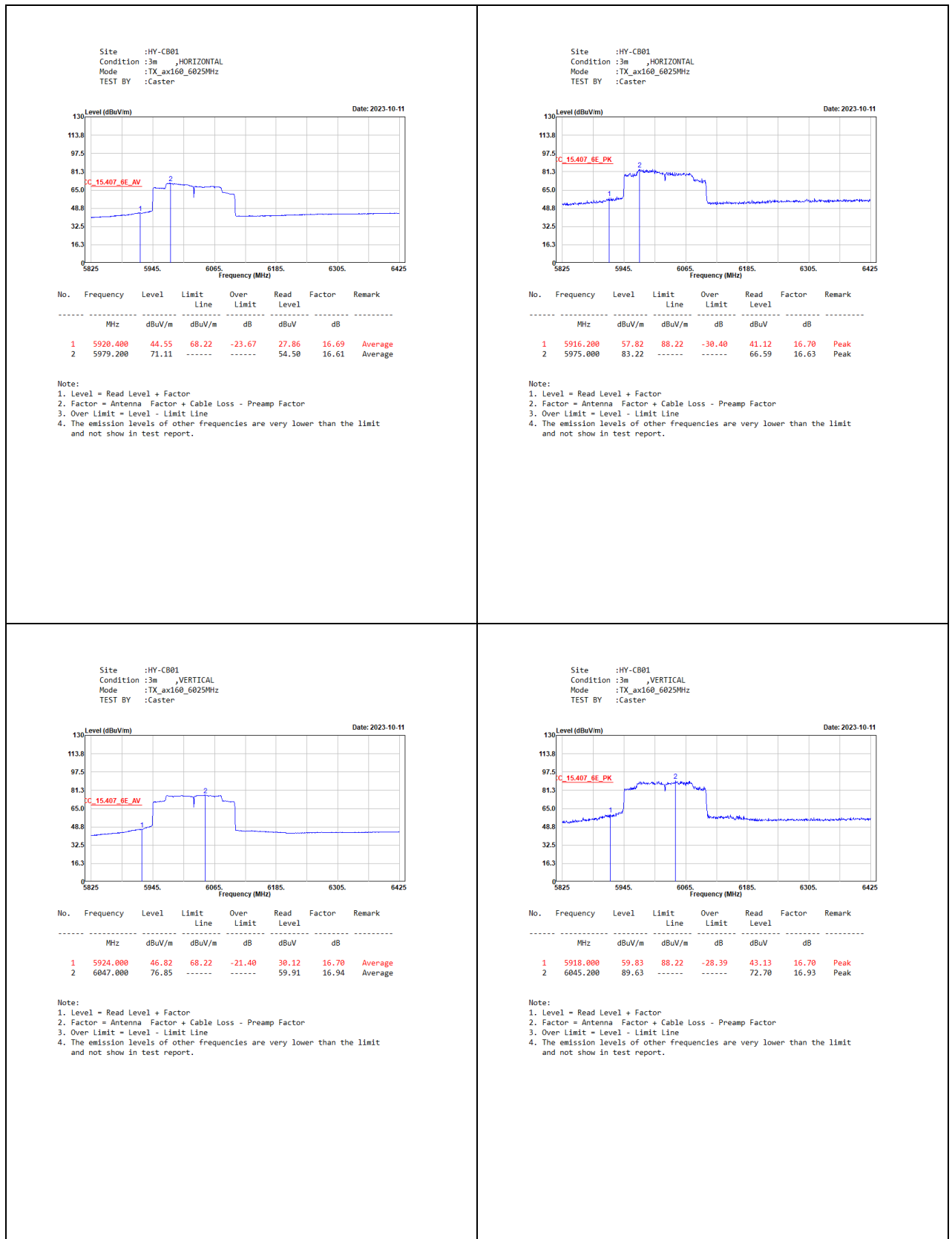
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	5871.800	53.15	88.22	-35.07	36.45	16.70	Peak
2	5966.600	82.95	-----	-----	66.30	16.65	Peak

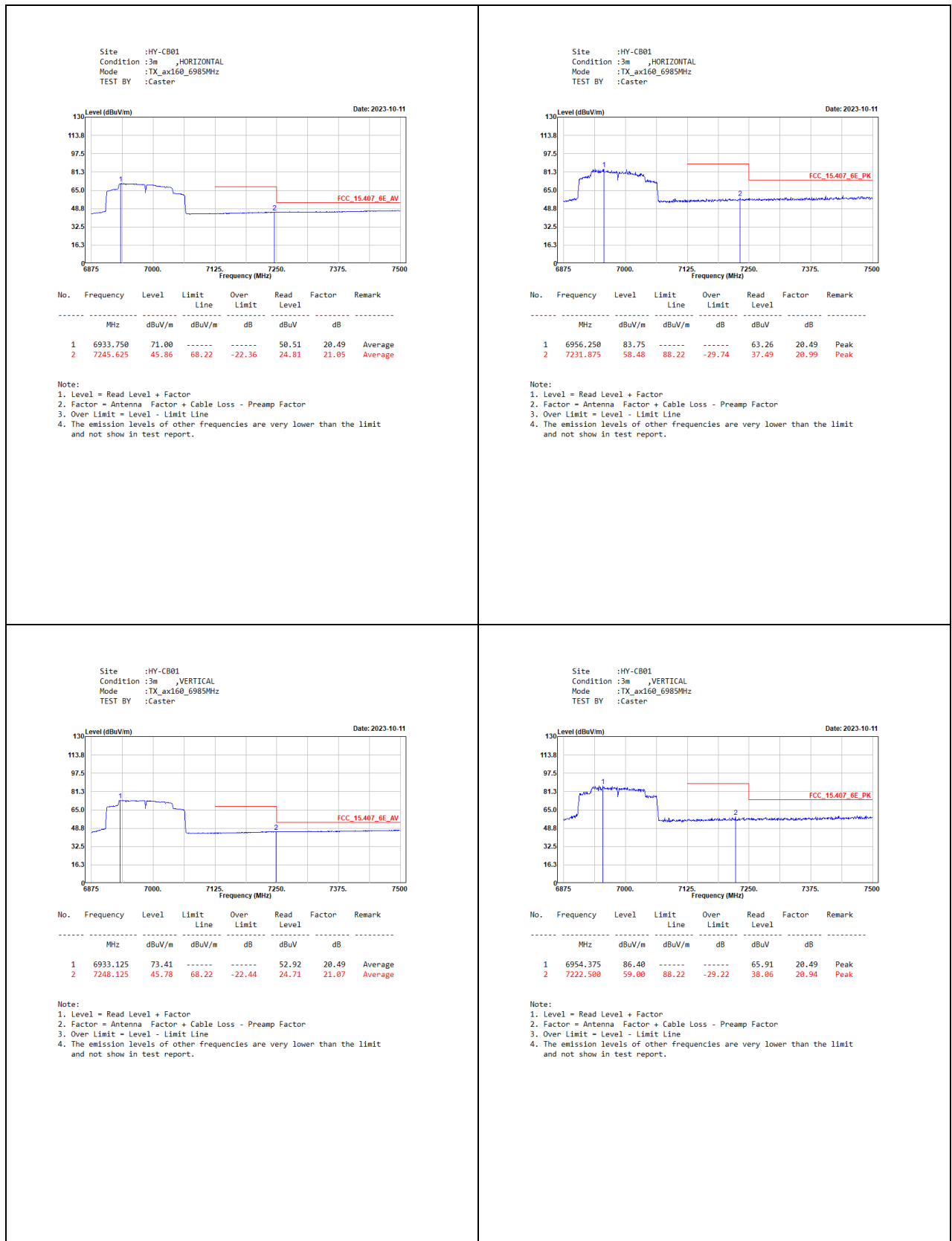
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.







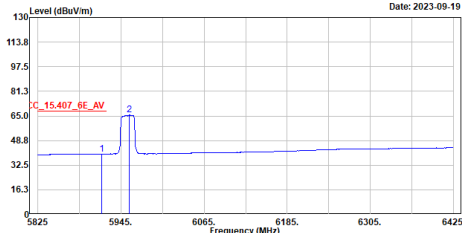




MIMO

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax20_5955MHz
TEST BY :Caster

Date: 2023-09-19



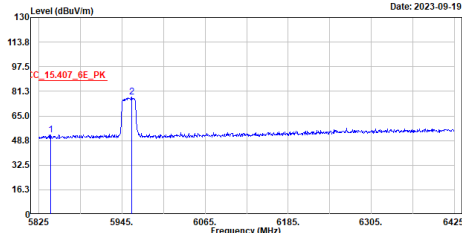
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5917.400	39.96	68.22	-28.26	23.26	16.70	Average
2	5957.000	65.56	-----	-----	48.89	16.67	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax20_5955MHz
TEST BY :Caster

Date: 2023-09-19



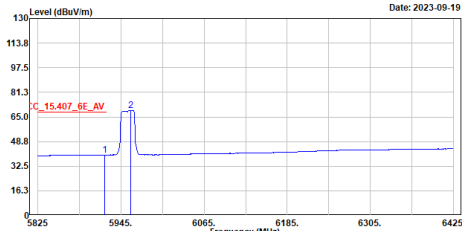
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5842.400	52.72	88.22	-35.50	36.02	16.70	Peak
2	5958.800	77.58	-----	-----	60.92	16.66	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ax20_5955MHz
TEST BY :Caster

Date: 2023-09-19



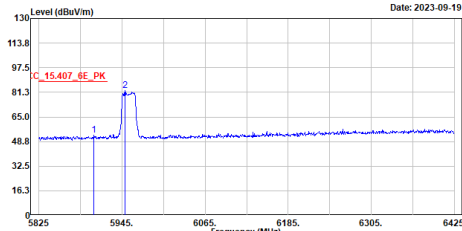
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5921.000	39.97	68.22	-28.25	23.28	16.69	Average
2	5958.800	69.34	-----	-----	52.68	16.66	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_ax20_5955MHz
TEST BY :Caster

Date: 2023-09-19

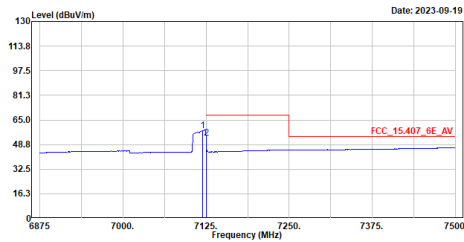


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5904.800	52.74	88.22	-35.48	36.04	16.70	Peak
2	5949.800	82.29	-----	-----	65.60	16.69	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

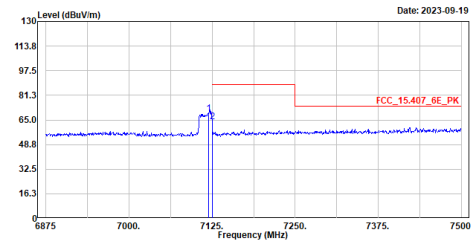
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax20_7115MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	7120.000	57.94	-----	-----	37.34	20.60	Average
2	7125.000	52.78	68.22	-15.44	32.18	20.60	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

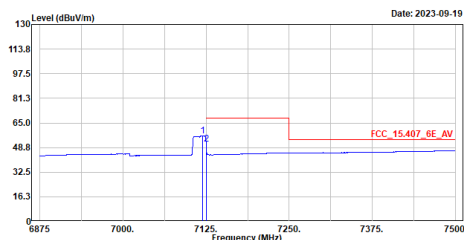
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax20_7115MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	7119.375	69.40	-----	-----	48.80	20.60	Peak
2	7125.000	63.97	88.22	-24.25	43.37	20.60	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

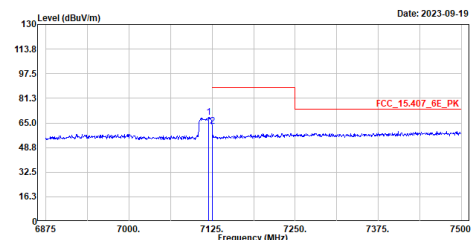
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax20_7115MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	7120.000	56.34	-----	-----	35.74	20.60	Average
2	7125.000	51.14	68.22	-17.08	30.54	20.60	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

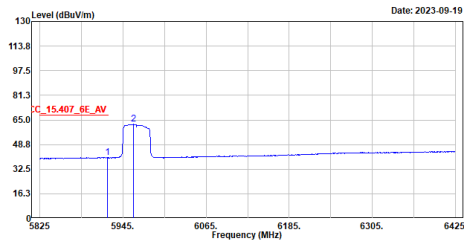
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax20_7115MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	7120.000	68.50	-----	-----	47.90	20.60	Peak
2	7125.000	62.81	88.22	-25.41	42.21	20.60	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

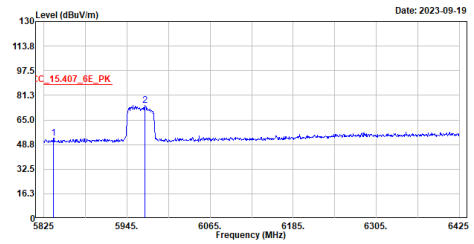
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax40_5965MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5922.200	40.18	68.22	-28.04	23.49	16.69	Average
2	5960.000	62.16	-----	-----	45.50	16.66	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

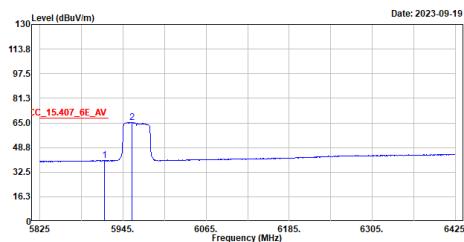
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax40_5965MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5838.800	53.08	68.22	-35.14	36.38	16.70	Peak
2	5970.000	74.41	-----	-----	57.77	16.64	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

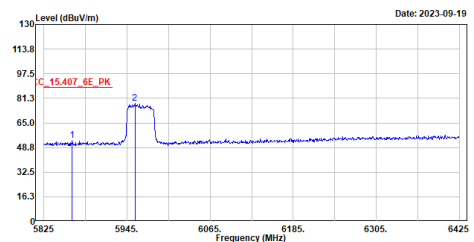
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax40_5965MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5918.600	40.21	68.22	-28.01	23.51	16.70	Average
2	5957.600	65.45	-----	-----	48.79	16.66	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax40_5965MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5865.000	53.38	68.22	-34.04	36.68	16.70	Peak
2	5956.400	77.85	-----	-----	61.17	16.68	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax40_7085MHz
TEST BY :Sam

Level (dBuV/m)

130

113.8

97.5

81.3

65.0

48.8

32.5

16.3

0

6875

7000

7125

7250

7375

7500

Frequency (MHz)

6875

7000

7125

7250

7375

7500

1

7098.750

64.59

44.01

20.58

Average

2

7246.875

45.40

68.22

-22.82

24.34

21.06

Average

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax40_7085MHz
TEST BY :Sam

Level (dBuV/m)

130

113.8

97.5

81.3

65.0

48.8

32.5

16.3

0

6875

7000

7125

7250

7375

7500

Frequency (MHz)

6875

7000

7125

7250

7375

7500

1

7097.500

78.21

57.63

20.58

Peak

2

7211.875

57.71

88.22

-30.51

36.83

20.88

Peak

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax40_7085MHz
TEST BY :Sam

Level (dBuV/m)

130

113.8

97.5

81.3

65.0

48.8

32.5

16.3

0

6875

7000

7125

7250

7375

7500

Frequency (MHz)

6875

7000

7125

7250

7375

7500

1

7101.250

63.06

42.47

20.59

Average

2

7249.375

45.48

68.22

-22.74

24.40

21.08

Average

Note:

1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax40_7085MHz
TEST BY :Sam

Level (dBuV/m)

130

113.8

97.5

81.3

65.0

48.8

32.5

16.3

0

6875

7000

7125

7250

7375

7500

Frequency (MHz)

6875

7000

7125

7250

7375

7500

1

7094.375

74.71

54.13

20.58

Peak

2

7226.250

58.41

88.22

-29.81

37.45

20.96

Peak

Note:

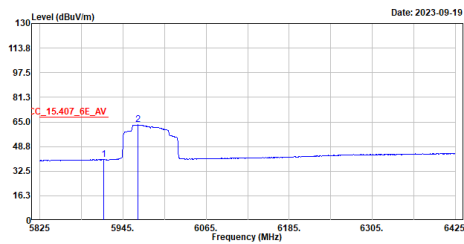
1. Level = Read Level + Factor

2. Factor = Antenna Factor + Cable Loss - Preamp Factor

3. Over Limit = Level - Limit Line

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

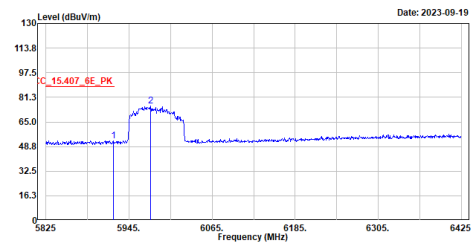
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax80_5985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5916.800	40.16	68.22	-28.06	23.46	16.70	Average
2	5966.600	63.04	-----	-----	46.39	16.65	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

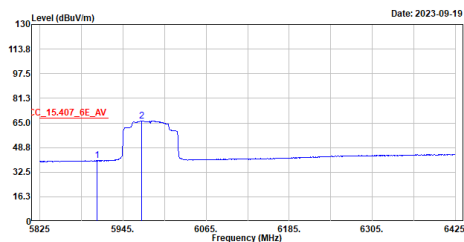
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax80_5985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5922.200	52.68	88.22	-35.54	35.99	16.69	Peak
2	5976.200	75.68	-----	-----	59.05	16.63	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

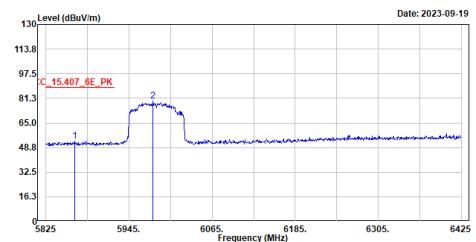
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax80_5985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5907.200	40.20	68.22	-28.02	23.50	16.70	Average
2	5972.000	66.25	-----	-----	49.61	16.64	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

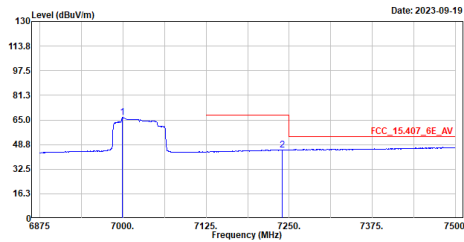
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax80_5985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5967.000	53.00	88.22	-35.22	36.30	16.70	Peak
2	5979.800	79.42	-----	-----	62.81	16.61	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

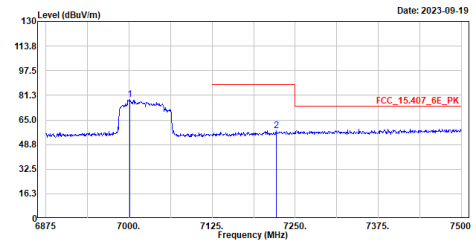
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax80_7025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	6999.375	66.66	-----	-----	46.25	20.41	Average
2	7239.375	45.37	68.22	-22.85	24.35	21.82	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

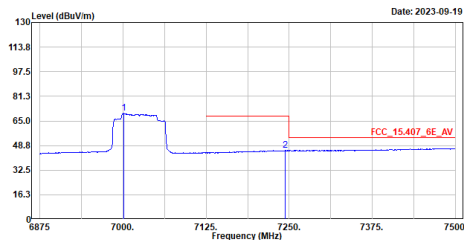
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_ax80_7025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	7001.250	78.32	-----	-----	57.91	20.41	Peak
2	7221.250	58.01	88.22	-30.21	37.07	20.94	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

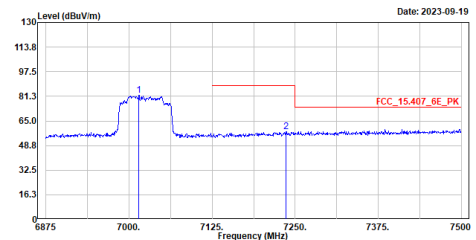
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax80_7025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	7001.250	69.98	-----	-----	49.57	20.41	Average
2	7244.375	45.41	68.22	-22.81	24.36	21.85	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

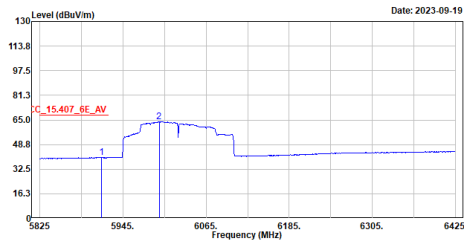
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_ax80_7025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	7015.000	81.80	-----	-----	61.34	20.46	Peak
2	7236.250	57.76	88.22	-30.46	36.76	21.00	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

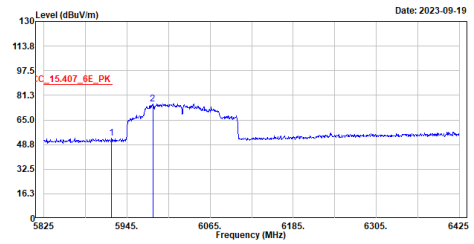
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_axi60_6025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5914.400	40.17	68.22	-28.05	23.47	16.70	Average
2	5997.200	63.79	-----	-----	47.21	16.58	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

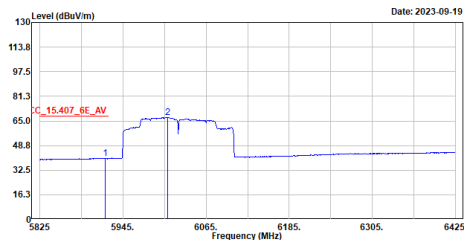
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_axi60_6025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5922.800	52.83	68.22	-35.39	36.14	16.69	Peak
2	5982.200	75.72	-----	-----	59.11	16.61	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

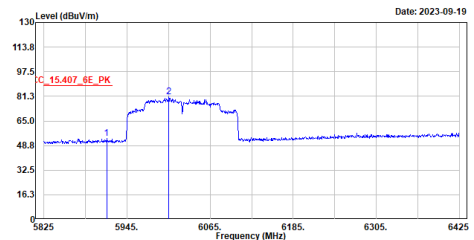
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_axi60_6025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5919.800	40.28	68.22	-27.94	23.59	16.69	Average
2	6009.800	67.24	-----	-----	50.62	16.62	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

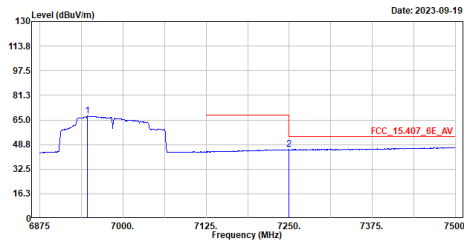
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_axi60_6025MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	5915.600	53.42	68.22	-34.80	36.72	16.70	Peak
2	6005.600	80.85	-----	-----	64.25	16.60	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

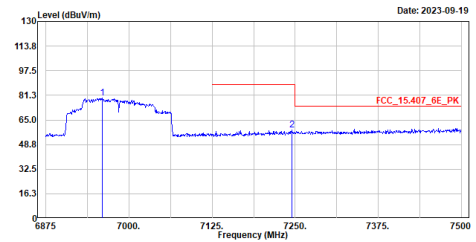
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_axi60_6985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	6946.250	67.68	-----	-----	47.18	20.50	Average
2	7250.000	45.39	54.00	-8.61	24.31	21.08	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

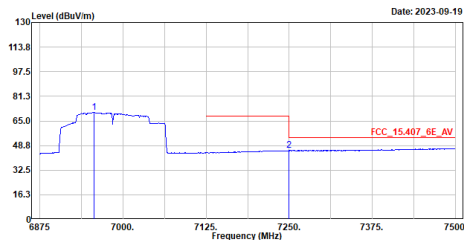
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_axi60_6985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	6959.375	79.41	-----	-----	58.93	20.48	Peak
2	7245.000	58.40	88.22	-29.82	37.35	21.05	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

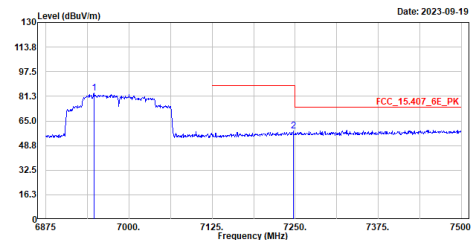
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_axi60_6985MHz
TEST BY :Sam



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	6956.875	70.86	-----	-----	50.37	20.49	Average
2	7250.000	45.42	54.00	-8.58	24.34	21.08	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_axi60_6985MHz
TEST BY :Sam

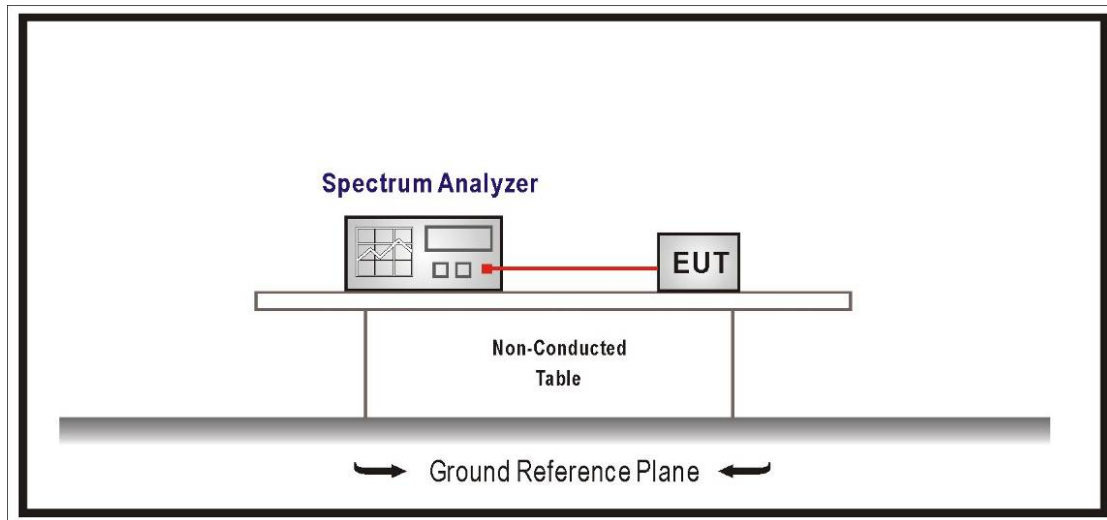


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	6947.500	83.34	-----	-----	62.83	20.51	Peak
2	7246.875	58.18	88.22	-30.04	37.12	21.06	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

8. In-Band Emission (Mask)

8.1. Test Setup



8.2. Limits

Test Items	Frequencies (MHz)	(X) dBc *1
Emission Mask	At 1MHz outside of channel edge	20
	At one channel bandwidth from the channel center*2	28
	At one- and one-half times the channel bandwidth away from channel center*3	40
	More than one- and one-half times the channel bandwidth	40

Remark:

1. The power spectral density must be suppressed by “x” dB.
2. At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the Limits must be linearly interpolated between 20dB and 28dB suppression.
3. At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the Limits must be linearly interpolated between 28dB and 40dB suppression.

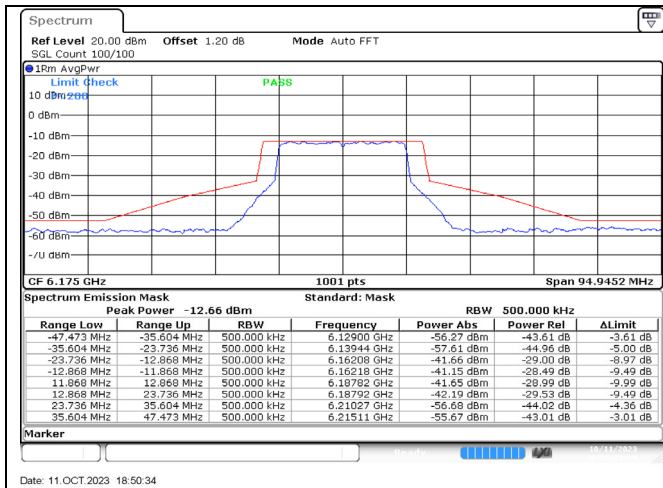
8.3. Test Procedure

1. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
2. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
3. Measure the power spectral density (for emissions mask reference) using the following procedure:
 - (1) Set the span to encompass the entire 26 dB EBW of the signal.
 - (2) Set RBW = same RBW used for 26 dB EBW measurement.
 - (3) Set VBW $\geq 3 \times$ RBW
 - (4) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - (5) Sweep time = auto.
 - (6) Detector = RMS (i.e., power averaging)
 - (7) Trace average at least 100 traces in power averaging (rms) mode.
 - (8) Use the peak search function on the instrument to find the peak of the spectrum.
4. Using the measuring equipment Limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - (1) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - (2) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - (3) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
5. Adjust the span to encompass the entire mask as necessary and clear trace.
6. Trace average at least 100 traces in power averaging (rms) mode.
7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

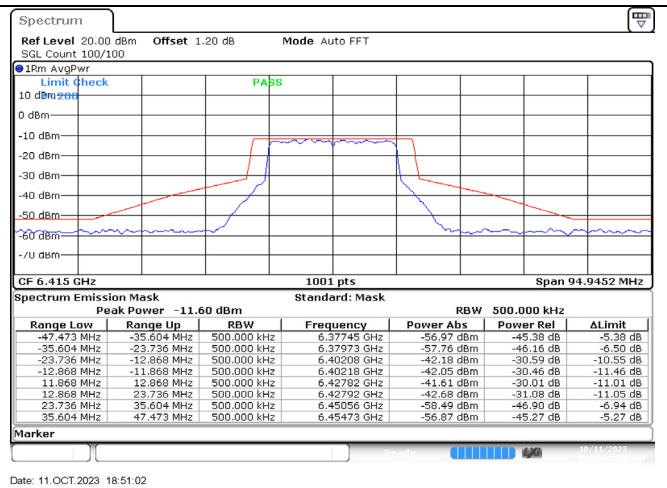
8.4. Test Result of In-Band Emission (Mask)

Spectrum Plot - SISO A

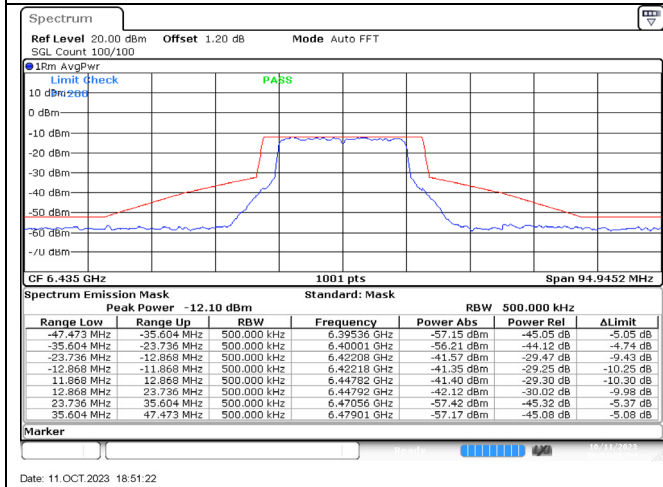




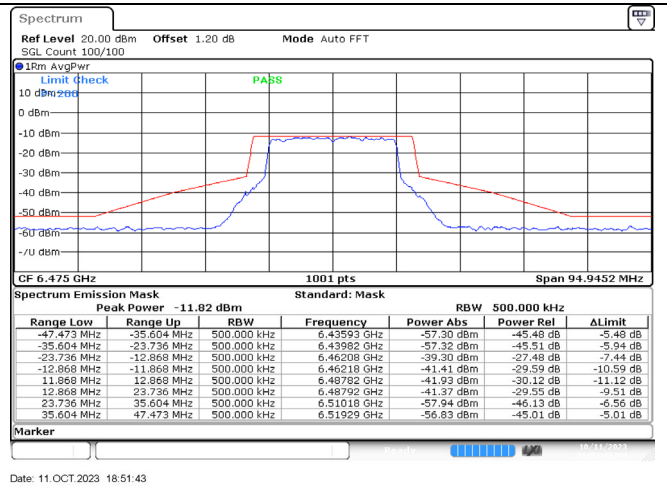
802.11ax20 MHz / 6175 MHz



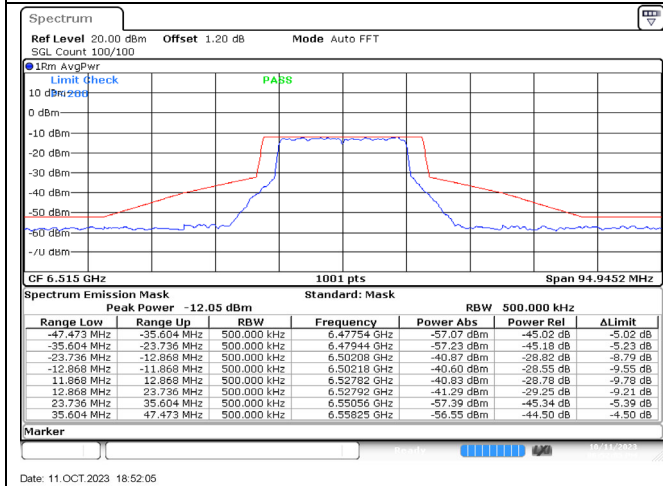
802.11ax20 MHz / 6415 MHz



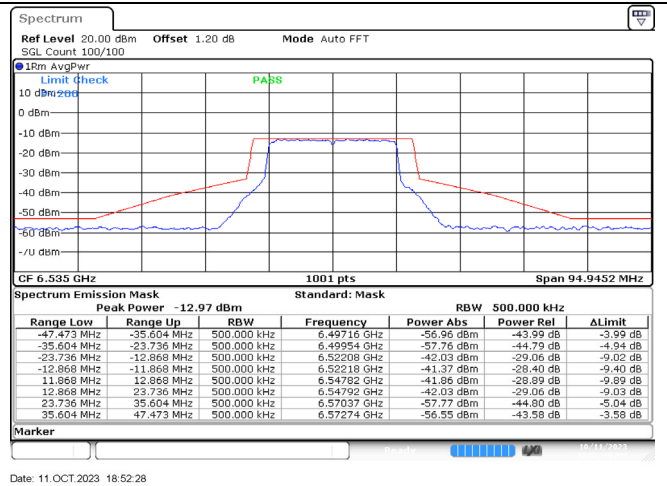
802.11ax20 MHz / 6435 MHz



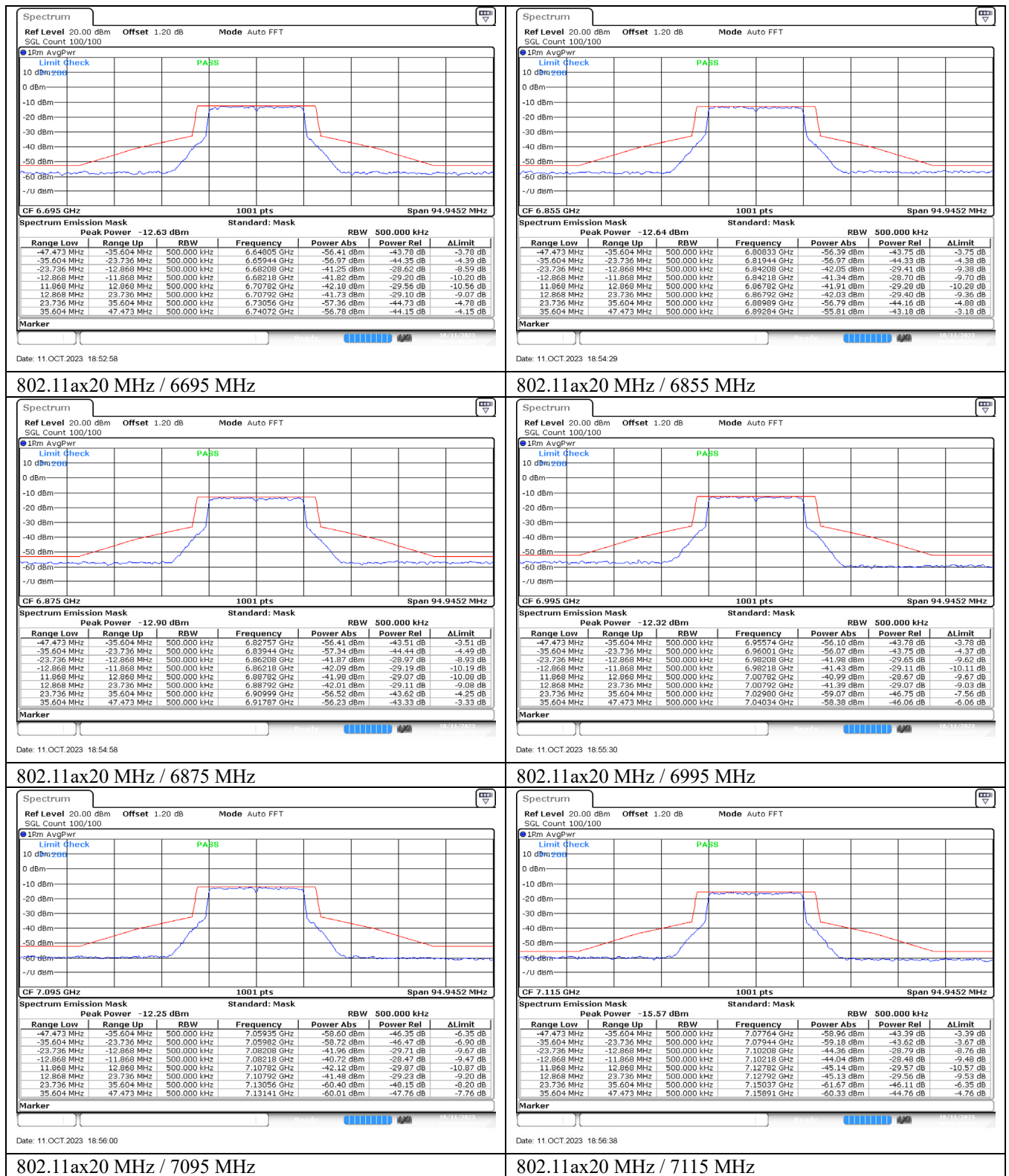
802.11ax20 MHz / 6475 MHz

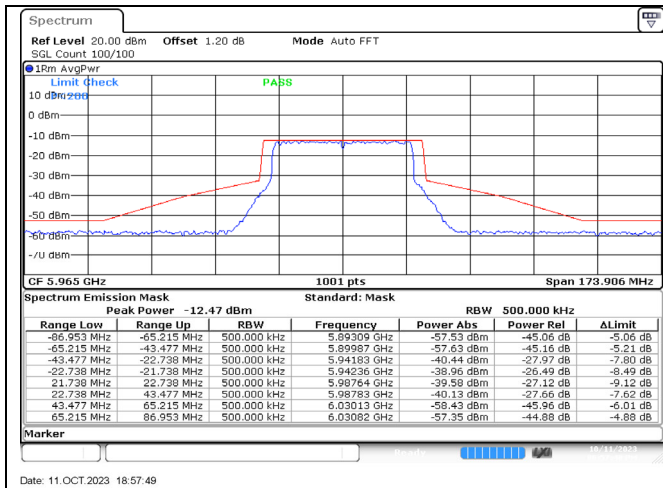


802.11ax20 MHz / 6515 MHz

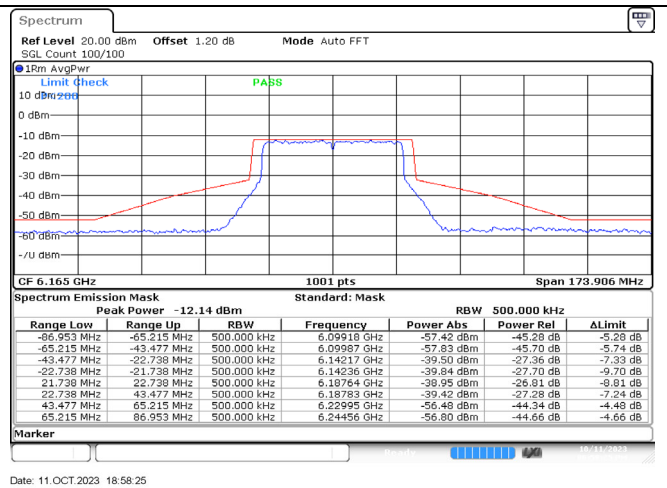


802.11ax20 MHz / 6535 MHz

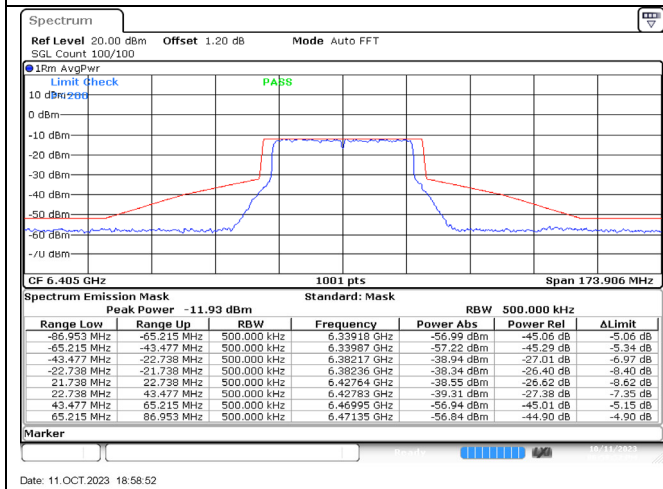




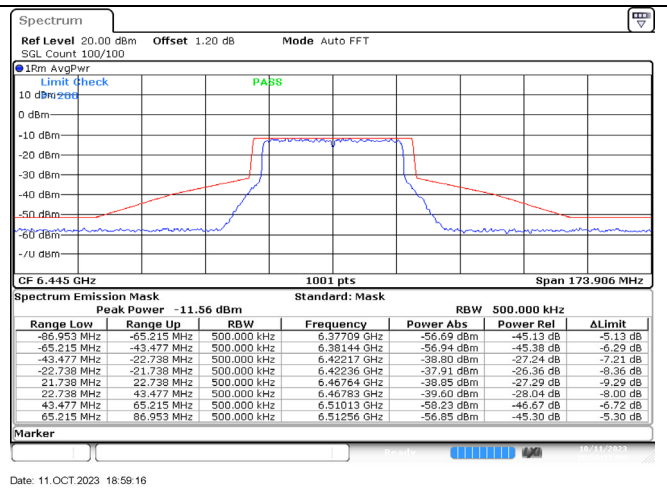
802.11ax40 MHz / 5965 MHz



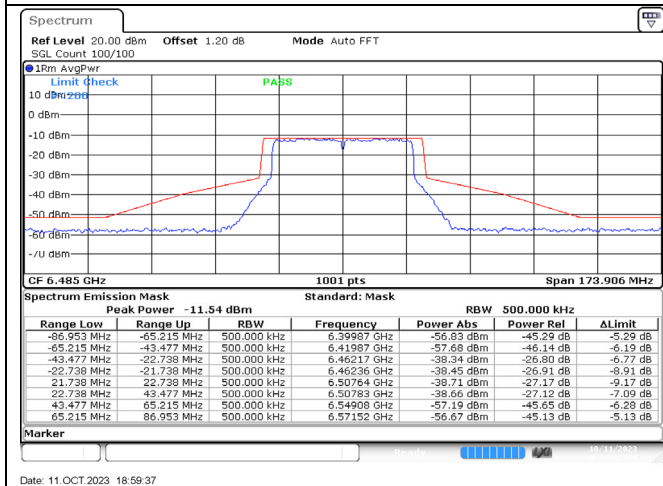
802.11ax40 MHz / 6165 MHz



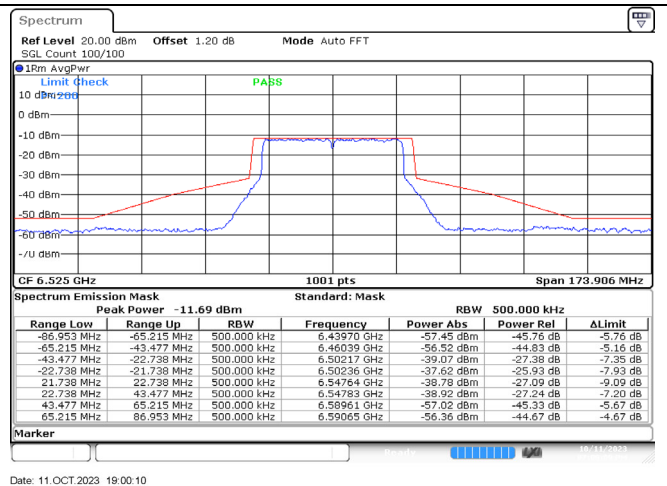
802.11ax40 MHz / 6405 MHz



802.11ax40 MHz / 6445 MHz



802.11ax40 MHz / 6485 MHz



802.11ax40 MHz / 6525 MHz