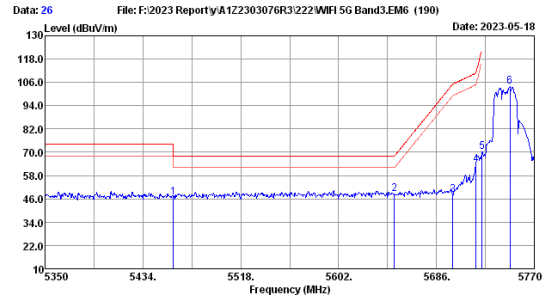


Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 25
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5745MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	44.95	47.02	68.20	21.18	Peak
2	5650.00	33.50	3.66	33.57	44.63	48.22	68.20	19.98	Peak
3	5700.00	33.90	3.68	33.56	48.58	52.60	105.20	52.60	Peak
4	5720.00	33.97	3.69	33.56	62.92	67.02	110.80	43.78	Peak
5	5725.00	33.97	3.69	33.56	71.77	75.87	122.80	46.93	Peak
6	5753.20	33.97	3.71	33.55	106.12	110.25	-----	-----	Peak

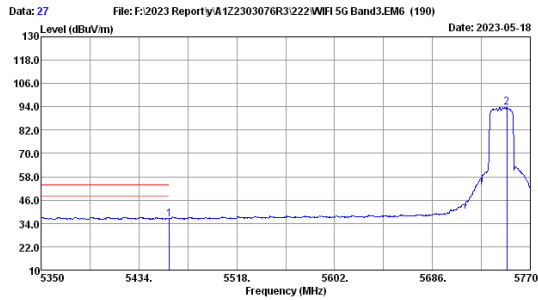
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5745MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	43.94	46.61	68.20	21.59	Peak
2	5650.00	33.50	3.66	33.57	44.77	48.36	68.20	19.84	Peak
3	5700.00	33.90	3.68	33.56	44.22	48.24	105.20	56.96	Peak
4	5720.00	33.97	3.69	33.56	59.55	63.65	110.80	47.15	Peak
5	5725.00	33.97	3.69	33.56	66.24	70.34	122.80	52.46	Peak
6	5749.00	34.00	3.70	33.55	99.51	103.66	-----	-----	Peak

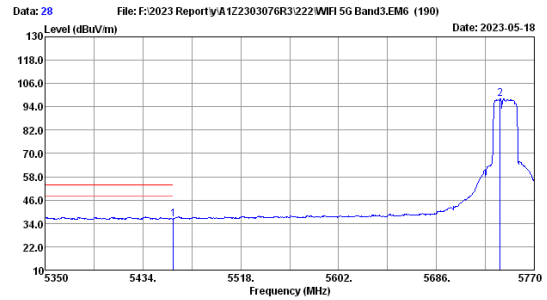
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5745MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	33.55	36.22	54.00	17.78	Average
2	5749.84	34.00	3.70	33.55	89.53	93.68	-----	-----	Average

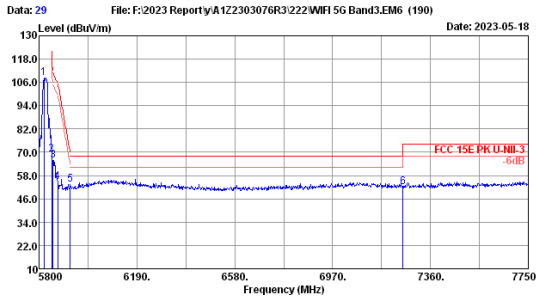
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5745MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	33.64	36.31	54.00	17.69	Average
2	5740.60	34.00	3.70	33.55	94.15	98.30	-----	-----	Average

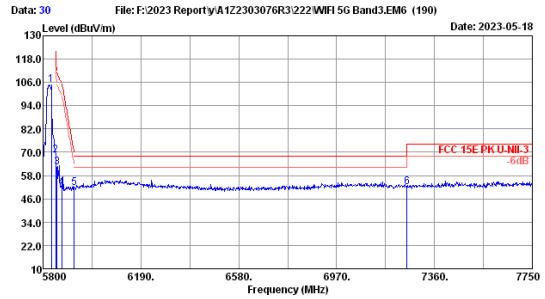
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5825MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5819.50	34.10	3.73	33.54	104.13	100.42	-----	-----	Peak
2	5850.00	34.20	3.74	33.53	64.41	60.82	122.20	53.38	Peak
3	5855.00	34.33	3.75	33.53	61.18	65.73	110.80	45.07	Peak
4	5875.00	34.47	3.75	33.53	50.16	54.85	105.20	50.35	Peak
5	5925.00	35.00	3.77	33.52	48.22	53.47	68.20	14.73	Peak
6	7250.00	36.20	4.15	33.88	45.67	52.14	68.20	16.06	Peak

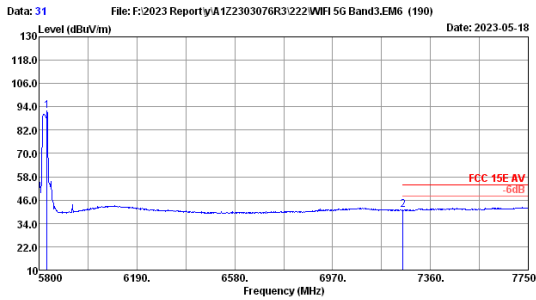
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5825MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5893.15	34.10	3.73	33.53	100.35	104.65	-----	-----	Peak
2	5850.00	34.20	3.74	33.53	63.85	68.26	122.20	53.94	Peak
3	5855.00	34.33	3.75	33.53	57.92	62.47	110.80	48.33	Peak
4	5875.00	34.47	3.75	33.53	46.78	51.47	105.20	53.73	Peak
5	5925.00	35.00	3.77	33.52	46.59	51.84	68.20	16.36	Peak
6	7250.00	36.20	4.15	33.88	45.71	52.16	68.20	16.02	Peak

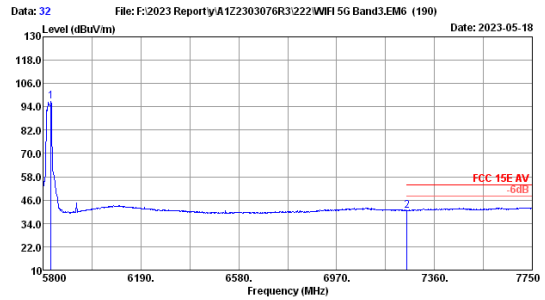
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5825MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5831.20	34.10	3.73	33.54	87.50	91.79	-----	-----	Average
2	7250.00	36.20	4.15	33.88	34.37	40.84	54.00	13.16	Average

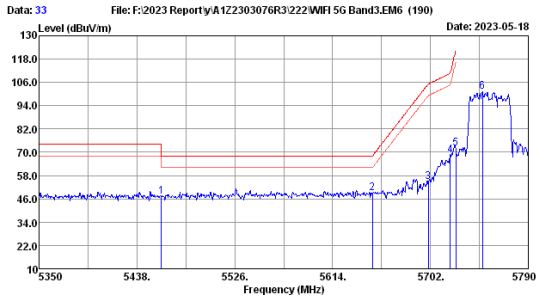
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE20 5825MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5831.20	34.10	3.73	33.54	92.29	96.58	-----	-----	Average
2	7250.00	36.20	4.15	33.88	34.25	40.72	54.00	13.28	Average

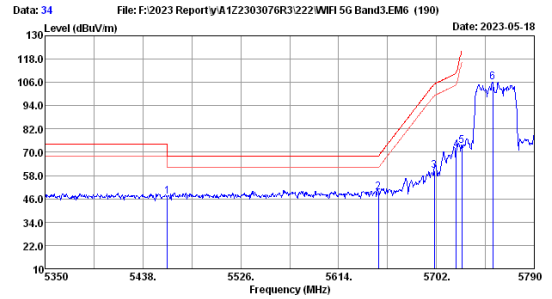
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 33
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	44.65	47.32	68.20	20.88	Peak
2	5650.00	33.50	3.66	33.57	45.19	48.78	68.20	19.42	Peak
3	5700.00	33.90	3.68	33.56	50.89	54.91	105.20	50.29	Peak
4	5720.00	33.97	3.69	33.56	64.43	68.53	110.80	42.27	Peak
5	5725.00	33.97	3.69	33.56	67.72	71.82	122.80	50.98	Peak
6	5748.64	34.00	3.70	33.55	96.85	101.00	-----	-----	Peak

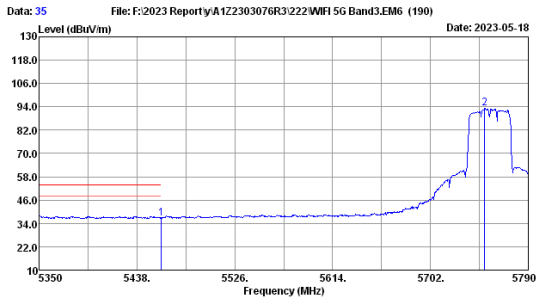
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	44.75	47.42	68.20	20.78	Peak
2	5650.00	33.50	3.66	33.57	45.75	49.34	68.20	18.86	Peak
3	5700.00	33.90	3.68	33.56	56.37	60.39	105.20	44.81	Peak
4	5720.00	33.97	3.69	33.56	67.22	71.32	110.80	39.48	Peak
5	5725.00	33.97	3.69	33.56	69.43	73.53	122.80	49.27	Peak
6	5752.60	33.97	3.71	33.55	101.91	106.04	-----	-----	Peak

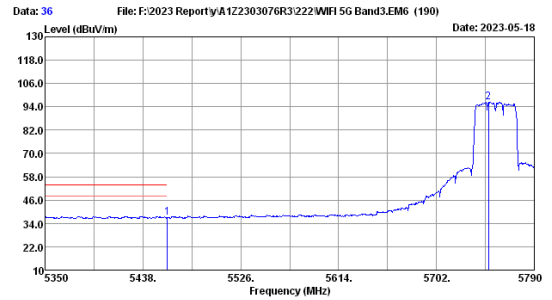
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 35
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.03	36.70	54.00	17.30	Average
2	5750.84	34.00	3.70	33.55	89.00	93.15	-----	-----	Average

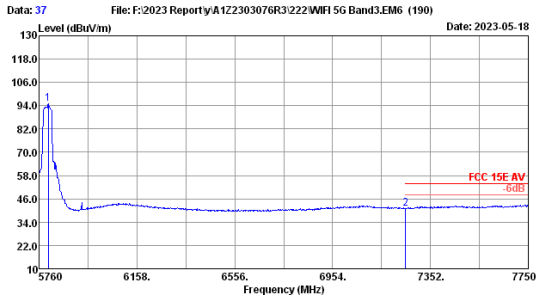
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 36
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.18	36.85	54.00	17.15	Average
2	5748.64	34.00	3.70	33.55	92.26	96.41	-----	-----	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

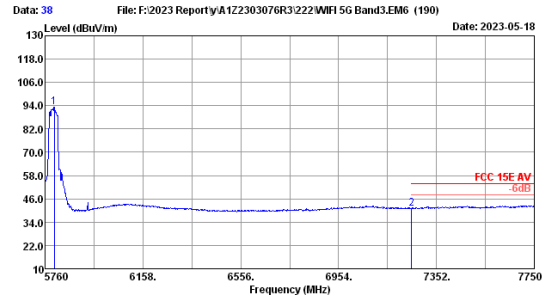


File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 37
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5797.01	33.90	3.72	33.54	90.99	95.07	---	---	Average
2	7250.00	36.20	4.15	33.88	34.57	41.04	54.00	12.96	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

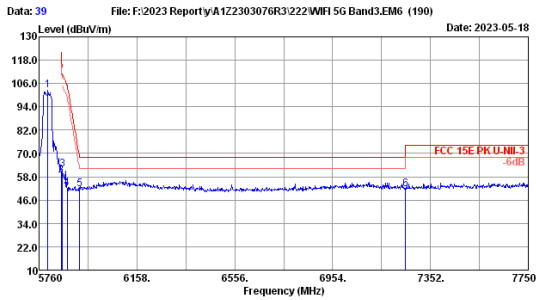


File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5797.01	33.90	3.72	33.54	89.14	93.22	---	---	Average
2	7250.00	36.20	4.15	33.88	34.61	41.08	54.00	12.92	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

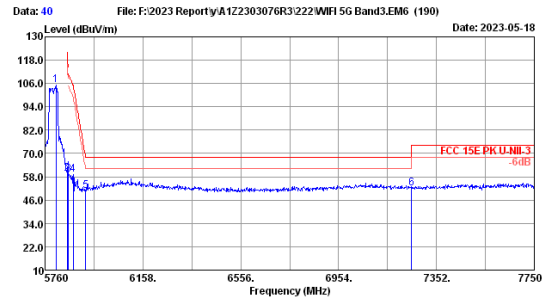


File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 39
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5795.82	33.90	3.72	33.54	98.47	102.55	---	---	Peak
2	5850.00	34.20	3.74	33.53	54.41	58.82	122.20	63.38	Peak
3	5855.00	34.33	3.75	33.53	57.37	61.92	110.80	48.88	Peak
4	5875.00	34.47	3.75	33.53	47.25	51.94	105.20	53.26	Peak
5	5925.00	35.00	3.77	33.52	46.35	51.60	68.20	16.60	Peak
6	7250.00	36.20	4.15	33.88	45.37	51.84	68.20	16.36	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

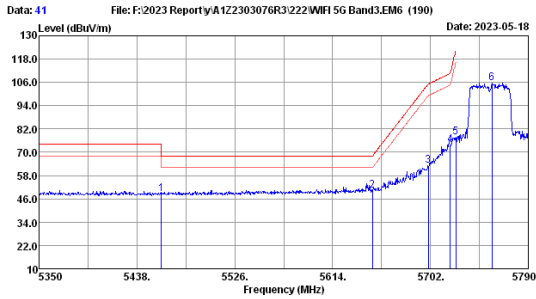


File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5803.78	34.00	3.73	33.54	100.88	105.07	---	---	Peak
2	5850.00	34.20	3.74	33.53	55.29	59.70	122.20	62.50	Peak
3	5855.00	34.33	3.75	33.53	54.71	59.26	110.80	51.54	Peak
4	5875.00	34.47	3.75	33.53	54.66	59.35	105.20	45.85	Peak
5	5925.00	35.00	3.77	33.52	45.63	50.88	68.20	17.32	Peak
6	7250.00	36.20	4.15	33.88	45.54	52.01	68.20	16.19	Peak

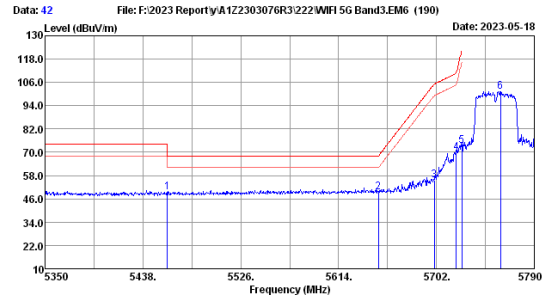
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 41
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	46.04	48.71	68.20	19.49	Peak
2	5650.00	33.50	3.66	33.57	46.89	50.48	68.20	17.72	Peak
3	5700.00	33.90	3.68	33.56	59.09	63.11	105.20	42.09	Peak
4	5720.00	33.97	3.69	33.56	69.83	73.93	110.80	36.87	Peak
5	5725.00	33.97	3.69	33.56	73.74	77.84	122.80	44.96	Peak
6	5757.44	33.97	3.71	33.55	101.57	105.70	-----	-----	Peak

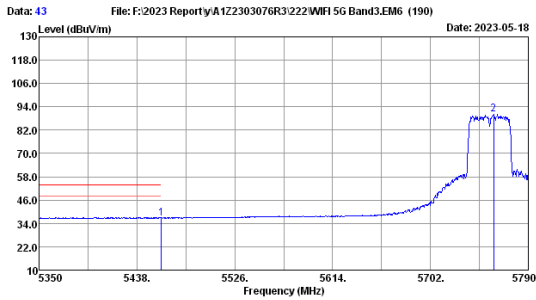
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 42
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	46.71	49.38	68.20	18.82	Peak
2	5650.00	33.50	3.66	33.57	46.00	49.59	68.20	18.61	Peak
3	5700.00	33.90	3.68	33.56	51.78	55.80	105.20	49.40	Peak
4	5720.00	33.97	3.69	33.56	65.89	69.99	110.80	40.81	Peak
5	5725.00	33.97	3.69	33.56	69.16	73.26	122.80	49.54	Peak
6	5759.64	33.97	3.71	33.55	97.22	101.35	-----	-----	Peak

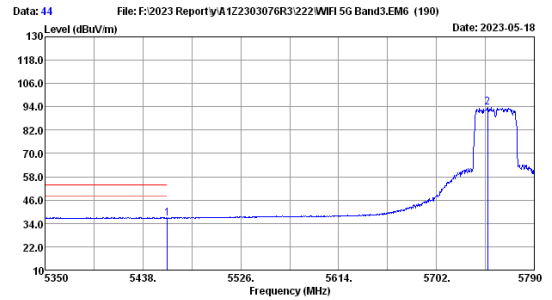
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 43
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.04	36.71	54.00	17.29	Average
2	5758.76	33.97	3.71	33.55	85.96	90.09	-----	-----	Average

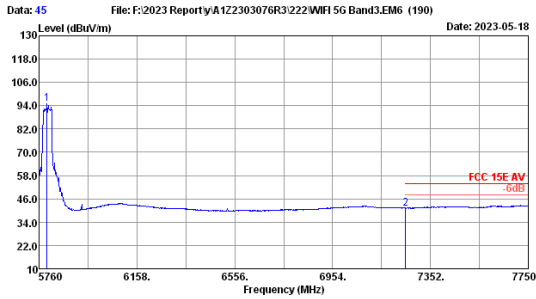
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.03	36.70	54.00	17.30	Average
2	5748.20	34.00	3.70	33.55	89.49	93.64	-----	-----	Average

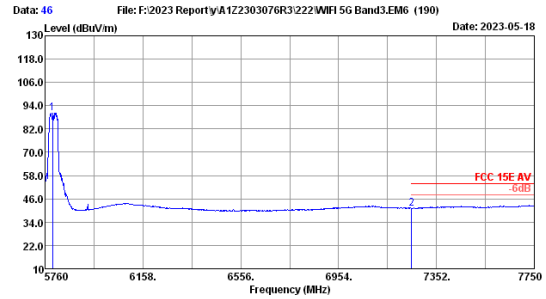
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 45
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5791.04	33.90	3.72	33.54	90.78	94.06	---	---	Average
2	7250.00	36.20	4.15	33.88	34.74	41.21	54.00	12.79	Average

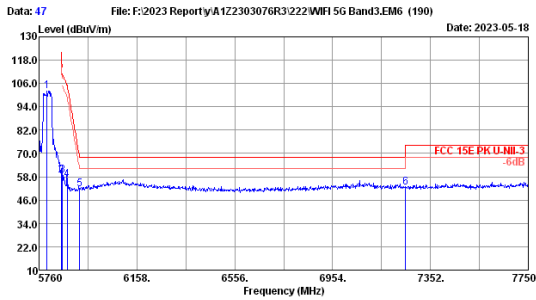
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5795.05	33.90	3.72	33.54	86.25	90.33	---	---	Average
2	7250.00	36.20	4.15	33.88	34.71	41.18	54.00	12.82	Average

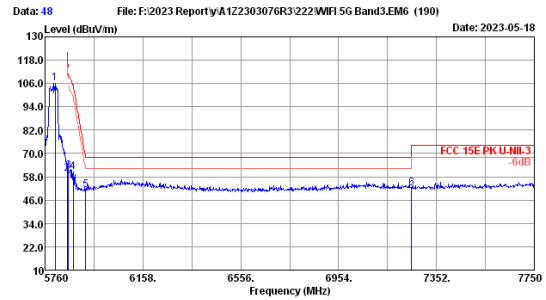
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5791.84	33.90	3.72	33.54	98.12	102.20	---	---	Peak
2	5850.00	34.20	3.74	33.53	54.17	58.58	122.20	63.62	Peak
3	5855.00	34.33	3.75	33.53	54.23	58.78	110.80	52.02	Peak
4	5875.00	34.47	3.75	33.53	51.68	56.37	105.20	48.83	Peak
5	5925.00	35.00	3.77	33.52	46.24	51.49	68.20	16.71	Peak
6	7250.00	36.20	4.15	33.88	45.99	52.46	68.20	15.74	Peak

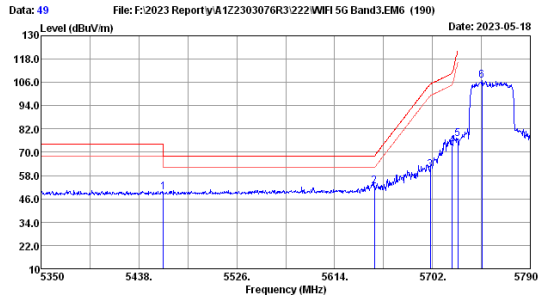
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11n HT40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5801.79	33.90	3.72	33.54	102.19	106.27	---	---	Peak
2	5850.00	34.20	3.74	33.53	55.38	59.79	122.20	62.41	Peak
3	5855.00	34.33	3.75	33.53	56.39	60.94	110.80	49.86	Peak
4	5875.00	34.47	3.75	33.53	55.68	60.37	105.20	44.83	Peak
5	5925.00	35.00	3.77	33.52	45.77	51.02	68.20	17.18	Peak
6	7250.00	36.20	4.15	33.88	45.48	51.95	68.20	16.25	Peak

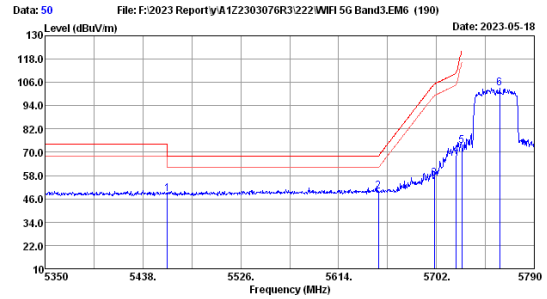
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 49
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	46.61	49.28	68.20	19.92	Peak
2	5650.00	33.50	3.66	33.57	49.03	52.62	68.20	15.58	Peak
3	5700.00	33.90	3.68	33.56	56.92	60.94	105.20	44.26	Peak
4	5720.00	33.97	3.69	33.56	69.37	73.47	110.80	37.33	Peak
5	5725.00	33.97	3.69	33.56	72.57	76.67	122.80	46.13	Peak
6	5746.44	34.00	3.70	33.55	102.67	106.82	-----	-----	Peak

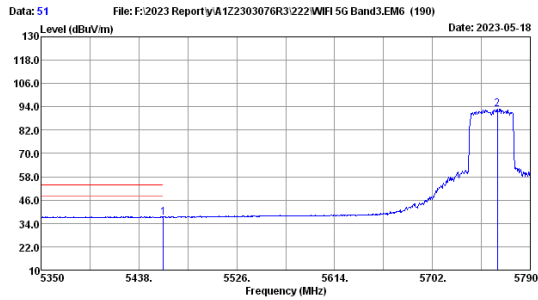
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 50
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	45.64	48.31	68.20	19.89	Peak
2	5650.00	33.50	3.66	33.57	46.22	49.81	68.20	18.39	Peak
3	5700.00	33.90	3.68	33.56	52.33	56.35	105.20	48.85	Peak
4	5720.00	33.97	3.69	33.56	64.56	68.66	110.80	42.14	Peak
5	5725.00	33.97	3.69	33.56	69.23	73.33	122.80	49.47	Peak
6	5758.76	33.97	3.71	33.55	98.65	102.78	-----	-----	Peak

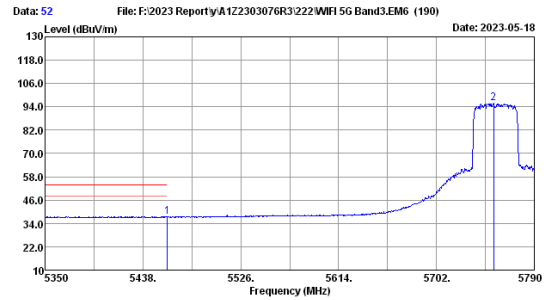
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 51
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.50	37.17	54.00	16.83	Average
2	5760.52	33.97	3.71	33.55	88.84	92.97	-----	-----	Average

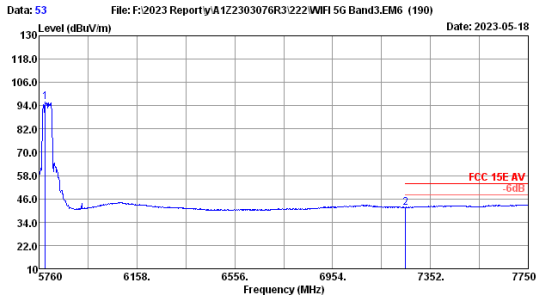
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:2023 Reporty\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 52
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5755MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.69	37.36	54.00	16.64	Average
2	5753.48	33.97	3.71	33.55	91.67	95.80	-----	-----	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

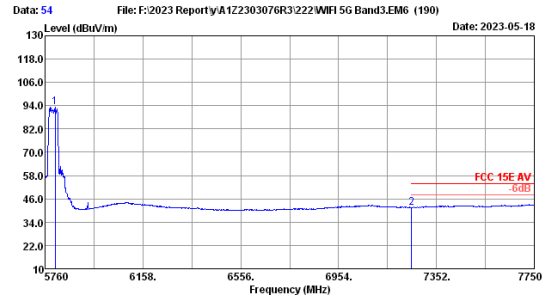


Data: 53 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 53
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.07	33.90	3.72	33.54	91.70	95.78	54.00	12.52	Average
2	7250.00	36.20	4.15	33.88	35.01	41.48	54.00	12.52	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

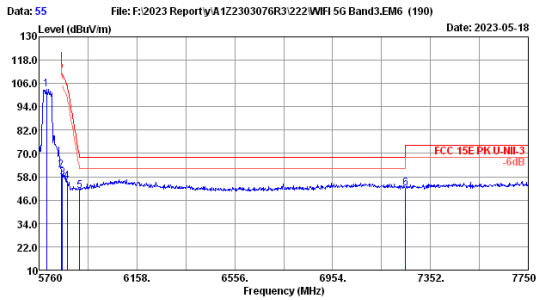


Data: 54 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5801.79	33.90	3.72	33.54	89.06	93.14	54.00	12.60	Average
2	7250.00	36.20	4.15	33.88	34.93	41.40	54.00	12.60	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

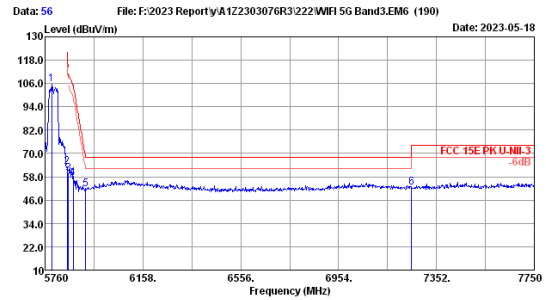


Data: 55 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 55
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5789.85	33.90	3.72	33.54	98.92	103.00	122.20	60.89	Peak
2	5850.00	34.20	3.74	33.53	56.90	61.31	122.20	60.89	Peak
3	5855.00	34.33	3.75	33.53	52.75	57.30	110.80	53.50	Peak
4	5875.00	34.47	3.75	33.53	51.04	55.73	105.20	49.47	Peak
5	5925.00	35.00	3.77	33.52	45.55	50.80	68.20	17.40	Peak
6	7250.00	36.20	4.15	33.88	45.58	52.05	68.20	16.15	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

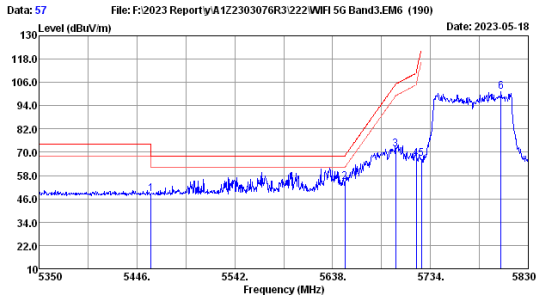


Data: 56 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18

Site no. : 3m Chamber Data no. : 56
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE40 5795MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5787.86	33.90	3.72	33.54	101.45	105.53	122.20	59.09	Peak
2	5850.00	34.20	3.74	33.53	58.70	63.11	122.20	59.09	Peak
3	5855.00	34.33	3.75	33.53	55.23	59.78	110.80	51.02	Peak
4	5875.00	34.47	3.75	33.53	52.59	57.28	105.20	47.92	Peak
5	5925.00	35.00	3.77	33.52	46.25	51.50	68.20	16.70	Peak
6	7250.00	36.20	4.15	33.88	46.12	52.59	68.20	15.61	Peak

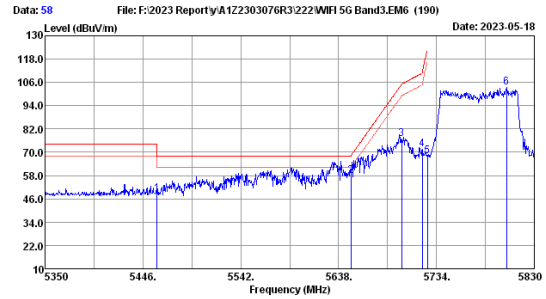
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 57
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	45.97	48.64	68.20	19.56	Peak
2	5650.00	33.50	3.66	33.57	50.94	54.53	68.20	13.67	Peak
3	5700.00	33.90	3.68	33.56	67.72	71.74	105.20	33.46	Peak
4	5720.00	33.97	3.69	33.56	62.45	66.55	110.80	44.25	Peak
5	5725.00	33.97	3.69	33.56	62.51	66.61	122.80	56.19	Peak
6	5803.12	34.00	3.73	33.54	96.87	101.06	-----	-----	Peak

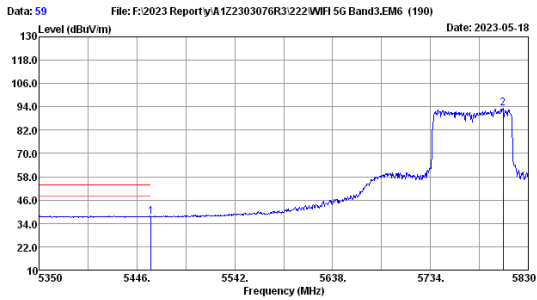
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 58
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	45.92	48.49	68.20	19.71	Peak
2	5650.00	33.50	3.66	33.57	54.38	57.97	68.20	10.23	Peak
3	5700.00	33.90	3.68	33.56	73.02	77.04	105.20	28.16	Peak
4	5720.00	33.97	3.69	33.56	67.30	71.40	110.80	39.40	Peak
5	5725.00	33.97	3.69	33.56	63.77	67.87	122.80	54.93	Peak
6	5802.64	34.00	3.73	33.54	99.38	103.57	-----	-----	Peak

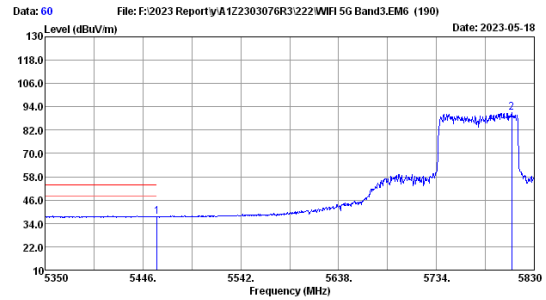
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 59
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.71	37.38	54.00	16.62	Average
2	5805.52	34.00	3.73	33.54	88.84	93.03	-----	-----	Average

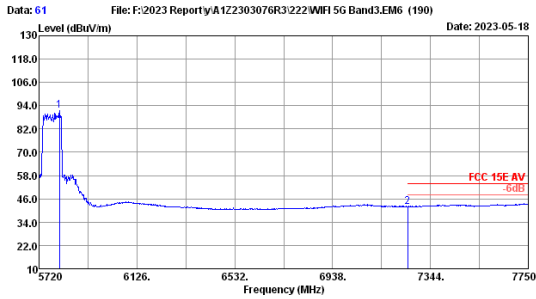
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Date: 2023-05-18
 File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190)
 Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.81	37.48	54.00	16.52	Average
2	5807.92	34.00	3.73	33.54	87.00	91.19	-----	-----	Average

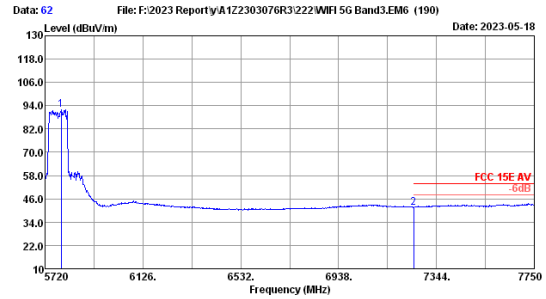
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5805.24	34.00	3.73	33.54	87.94	91.53	54.00	12.07	Average
2	7250.00	36.20	4.15	33.88	35.46	41.93	54.00	12.07	Average

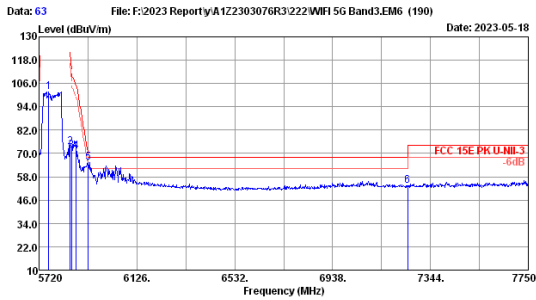
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5795.99	33.90	3.72	33.54	87.93	92.01	54.00	12.34	Average
2	7250.00	36.20	4.15	33.88	35.19	41.66	54.00	12.34	Average

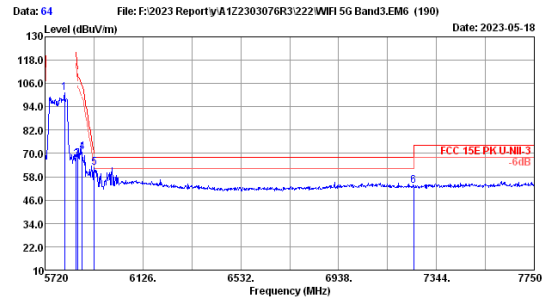
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5760.60	33.97	3.71	33.55	97.66	101.79	70.00	31.79	Peak
2	5850.00	34.20	3.74	33.53	69.11	73.52	122.20	48.68	Peak
3	5855.00	34.33	3.75	33.53	66.82	71.37	110.80	39.43	Peak
4	5875.00	34.47	3.75	33.53	66.41	71.10	105.20	34.10	Peak
5	5925.00	35.00	3.77	33.52	59.95	65.20	68.20	3.00	Peak
6	7250.00	36.20	4.15	33.88	46.96	53.43	68.20	14.77	Peak

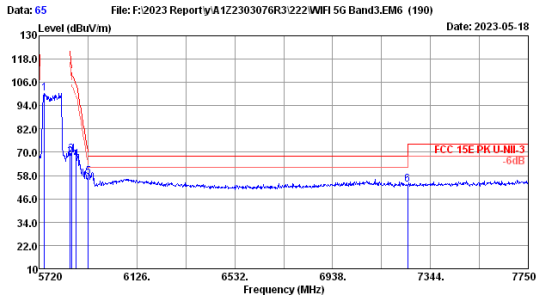
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ac VHT80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5801.20	33.90	3.72	33.54	96.97	101.05	70.00	31.05	Peak
2	5850.00	34.20	3.74	33.53	62.12	66.53	122.20	55.67	Peak
3	5855.00	34.33	3.75	33.53	62.69	67.24	110.80	43.56	Peak
4	5875.00	34.47	3.75	33.53	65.90	70.59	105.20	34.64	Peak
5	5925.00	35.00	3.77	33.52	57.35	62.60	68.20	5.60	Peak
6	7250.00	36.20	4.15	33.88	46.73	53.20	68.20	15.00	Peak

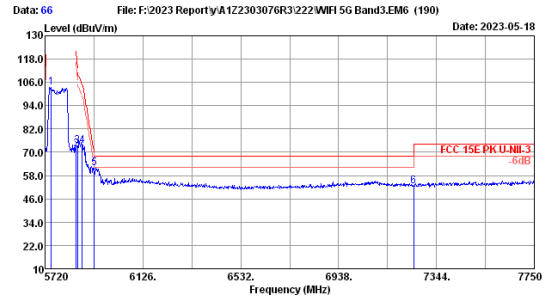
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 65
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5742.33	34.00	3.70	33.55	96.21	100.36	100.36	Peak	
2	5850.00	34.20	3.74	33.53	63.19	67.60	122.20	54.60 Peak	
3	5855.00	34.33	3.75	33.53	64.31	68.86	110.80	41.94 Peak	
4	5875.00	34.47	3.75	33.53	61.61	66.30	105.20	38.90 Peak	
5	5925.00	35.00	3.77	33.52	52.29	57.54	68.20	10.66 Peak	
6	7250.00	36.20	4.15	33.88	46.85	53.32	68.20	14.88 Peak	

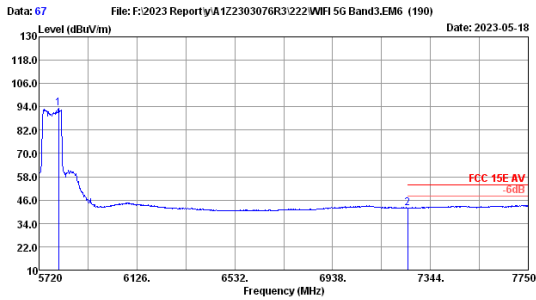
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 66
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5746.39	34.00	3.70	33.55	99.42	103.57	103.57	Peak	
2	5850.00	34.20	3.74	33.53	67.08	71.49	122.20	50.71 Peak	
3	5855.00	34.33	3.75	33.53	68.59	73.14	110.80	37.66 Peak	
4	5875.00	34.47	3.75	33.53	68.76	73.45	105.20	31.75 Peak	
5	5925.00	35.00	3.77	33.52	56.46	61.71	68.20	6.49 Peak	
6	7250.00	36.20	4.15	33.88	46.05	52.52	68.20	15.68 Peak	

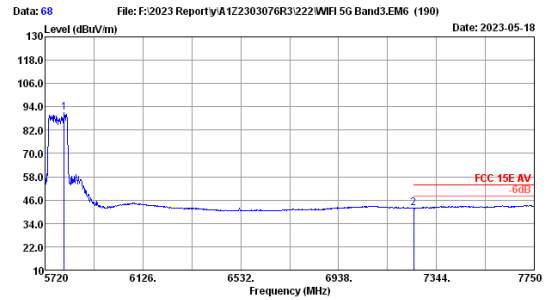
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 67
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5801.20	33.90	3.72	33.54	89.12	93.20	54.00	12.24	Average
2	7250.00	36.20	4.15	33.88	35.29	41.76	54.00	12.24	Average

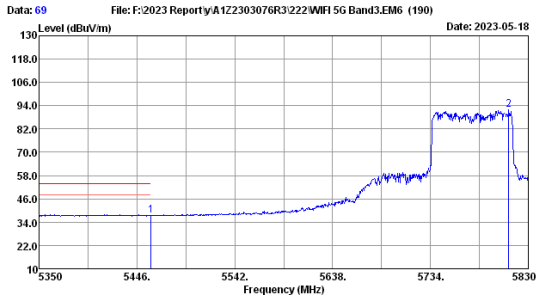
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 68
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5799.17	33.90	3.72	33.54	86.85	90.93	54.00	12.20	Average
2	7250.00	36.20	4.15	33.88	35.33	41.80	54.00	12.20	Average

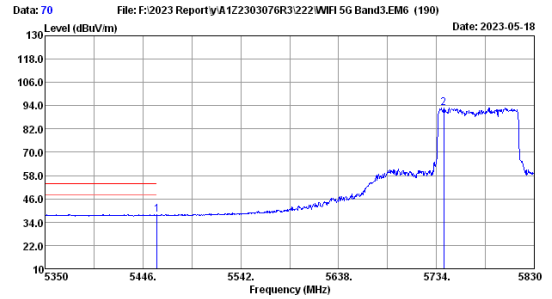
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -amp factor
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	34.77	37.44	54.00	16.56	Average
2	5810.80	34.00	3.73	33.54	87.90	92.09	-----	-----	Average

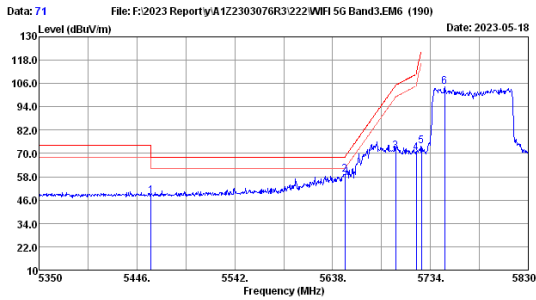
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	35.10	37.77	54.00	16.23	Average
2	5741.20	34.00	3.70	33.55	88.61	92.76	-----	-----	Average

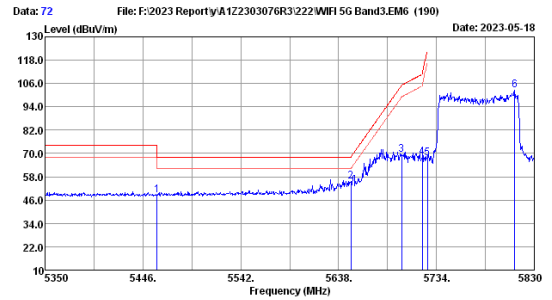
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	45.59	48.26	68.20	19.94	Peak
2	5650.00	33.50	3.66	33.57	55.68	59.27	68.20	8.93	Peak
3	5700.00	33.90	3.68	33.56	67.23	71.25	105.20	33.95	Peak
4	5720.00	33.97	3.69	33.56	66.13	70.23	110.80	40.57	Peak
5	5725.00	33.97	3.69	33.56	69.48	73.58	122.80	49.22	Peak
6	5747.92	34.00	3.70	33.55	100.01	104.16	-----	-----	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2023 Report\A122303076R3\222\WiFi 5G Band3.EM6 (190) Date: 2023-05-18
 Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.2°C/52.5% Engineer : nier
 Test Mode : 11ax HE80 5775MHz TX

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	32.70	3.58	33.61	45.84	48.51	68.20	19.69	Peak
2	5650.00	33.50	3.66	33.57	51.99	55.58	68.20	12.62	Peak
3	5700.00	33.90	3.68	33.56	65.40	69.42	105.20	35.78	Peak
4	5720.00	33.97	3.69	33.56	64.04	68.14	110.80	42.66	Peak
5	5725.00	33.97	3.69	33.56	63.54	67.64	122.80	55.16	Peak
6	5810.80	34.00	3.73	33.54	98.20	102.39	-----	-----	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

6. 6dB & 26dB & 99% Bandwidth Test

6.1. Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.02,23	1 Year
2.	RF Cable	HUBER+SUHNER	SUCOFLE X-106	505238/6	Apr.02,23	1 Year

6.2. Limit

6dB Bandwidth should be not less than 500kHz

6.3. Test Procedure

26dB Bandwidth:

Use the test method described in ANSI C63.10 clause 12.4.1:

- (a) Set RBW = approximately 1% of the emission bandwidth.
- (b) Set the VBW > RBW.
- (c) Detector = Peak.
- (d) Trace mode = max hold.
- (e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6dB Bandwidth:

Use the test method described in 789033 D02 v02r01:

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 kHz for the band 5.725–5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- (a) Set RBW = 100 kHz.
- (b) Set the video bandwidth (VBW) \geq 3 RBW.
- (c) Detector = Peak.
- (d) Trace mode = max hold
- (e) Sweep = auto couple
- (f) Allow the trace to stabilize
- (g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described in this section. For devices that use channel aggregation refer to III.A and III.C for determining emission bandwidth.

99% Occupied bandwidth:

Use the test method described in ANSI C63.10 Section 6.9.2:

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

6.4. Test Results

U-NII-1 Band:

EUT: Mini PC		
M/N: A Series		
Test date: 2023-04-12	Pressure: 101.8±1.0 kpa	Humidity: 52.3±3.0%
Tested by: Nier	Test site: RF site	Temperature: 22.0±0.6 °C

26dB bandwidth:

Test Mode	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
		ANT0	ANT1	
11a (MIMO)	5180	18.41	18.08	N/A
	5200	18.46	18.04	
	5240	18.39	18.15	
11n HT20 (MIMO)	5180	19.24	19.22	N/A
	5200	19.49	19.05	
	5240	19.16	19.16	
11n HT40 (MIMO)	5190	42.92	38.44	N/A
	5230	38.59	38.71	
11ac VHT20 (MIMO)	5180	19.34	19.10	N/A
	5200	19.28	19.09	
	5240	19.27	19.21	
11ac VHT40 (MIMO)	5190	38.56	38.60	N/A
	5230	38.87	38.81	
11ac VHT80 (MIMO)	5210	83.66	82.69	N/A
11ax HE20 (MIMO)	5180	20.20	20.39	N/A
	5200	19.95	20.06	
	5240	19.96	20.01	
11ax HE40 (MIMO)	5190	39.37	39.80	N/A
	5230	39.85	39.71	
11ax HE80 (MIMO)	5210	80.40	80.94	N/A
Conclusion: Pass				

99% Occupied bandwidth:

Test Mode	Frequency (MHz)	99%Bandwidth(MHz)		Limit (MHz)
		ANT0	ANT1	
11a (MIMO)	5180	16.360	16.358	N/A
	5200	16.351	16.355	
	5240	16.358	16.364	
11n HT20 (MIMO)	5180	17.549	17.552	N/A
	5200	17.556	17.543	
	5240	17.563	17.549	
11n HT40 (MIMO)	5190	36.031	36.061	N/A
	5230	36.067	36.042	
11ac VHT20 (MIMO)	5180	17.568	17.566	N/A
	5200	17.536	17.561	
	5240	17.545	17.544	
11ac VHT40 (MIMO)	5190	36.216	36.092	N/A
	5230	36.119	36.137	
11ac VHT80 (MIMO)	5210	76.408	76.043	N/A
11ax HE20 (MIMO)	5180	18.932	18.914	N/A
	5200	18.890	18.897	
	5240	18.905	18.927	
11ax HE40 (MIMO)	5190	37.684	37.677	N/A
	5230	37.674	37.649	
11ax HE80 (MIMO)	5210	77.287	77.271	N/A
Conclusion:Pass				

U-NII-3 Band:

EUT: Mini PC		
M/N: A Series		
Test date: 2023-04-12~18	Pressure: 102.1±1.0 kpa	Humidity: 53.2±3.0%
Tested by: Nier	Test site: RF site	Temperature: 22.3±0.6 °C

6dB bandwidth:

Test Mode	Frequency (MHz)	6dB Bandwidth(MHz)		Limit (MHz)
		ANT0	ANT1	
11a (MIMO)	5745	16.45	16.46	≧ 0.5
	5785	16.49	16.48	
	5825	16.48	16.49	
11n HT20 (MIMO)	5745	17.70	17.71	≧ 0.5
	5785	17.68	17.71	
	5825	17.70	17.69	
11n HT40 (MIMO)	5755	36.55	36.55	≧ 0.5
	5795	36.57	36.48	
11ac VHT20 (MIMO)	5745	17.73	17.69	≧ 0.5
	5785	17.69	17.72	
	5825	17.69	17.69	
11ac VHT40 (MIMO)	5755	36.54	36.53	≧ 0.5
	5795	36.52	36.54	
11ac VHT80 (MIMO)	5775	72.62	74.02	≧ 0.5
11ax HE20 (MIMO)	5745	19.04	18.98	≧ 0.5
	5785	19.00	18.91	
	5825	19.08	18.98	
11ax HE40 (MIMO)	5755	38.09	38.12	≧ 0.5
	5795	38.03	37.96	
11ax HE80 (MIMO)	5775	64.50	76.96	≧ 0.5

Conclusion: Pass

26dB bandwidth:

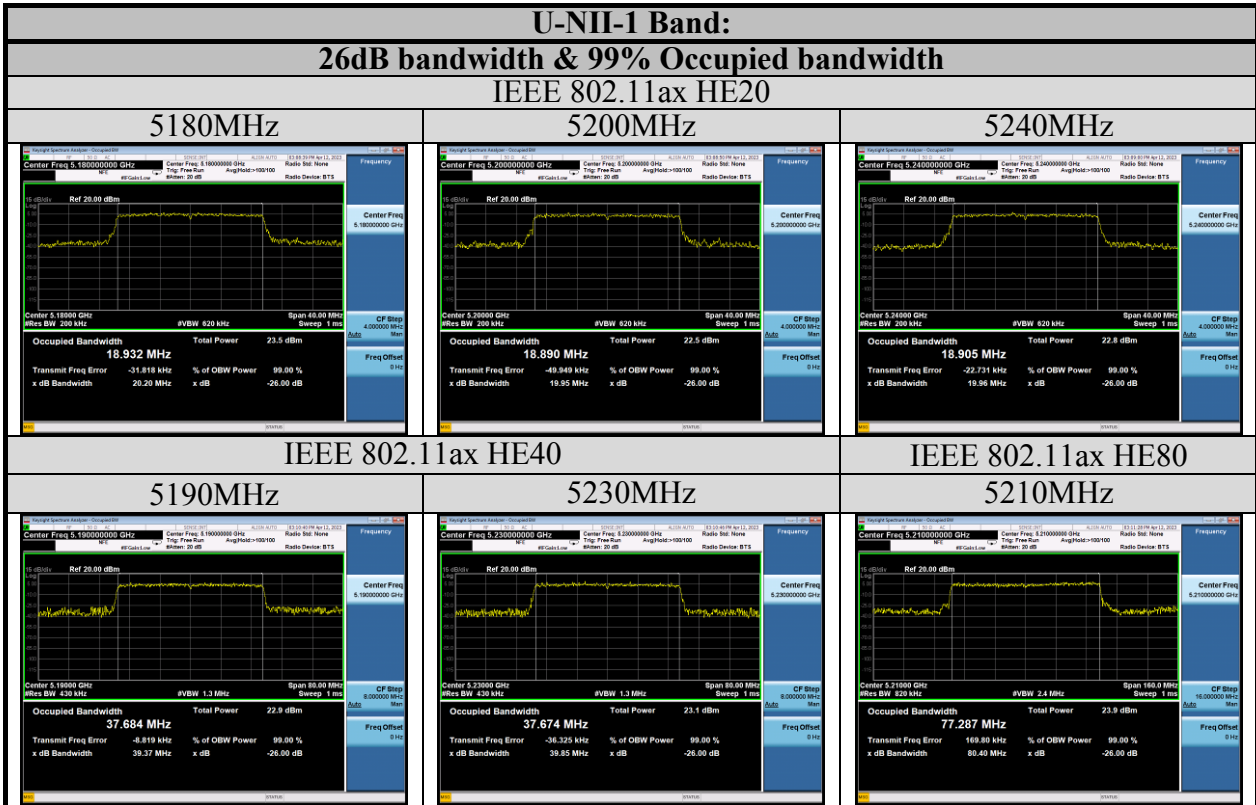
Test Mode	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
		ANT0	ANT1	
11a (MIMO)	5745	18.36	18.29	N/A
	5785	18.23	18.27	
	5825	19.71	18.19	
11n HT20 (MIMO)	5745	19.37	19.28	N/A
	5785	19.30	19.23	
	5825	19.13	22.87	
11n HT40 (MIMO)	5755	54.64	40.53	N/A
	5795	55.45	49.42	
11ac VHT20 (MIMO)	5745	23.48	19.23	N/A
	5785	23.37	23.49	
	5825	19.18	25.63	
11ac VHT40 (MIMO)	5755	44.24	53.24	N/A
	5795	61.63	53.74	
11ac VHT80 (MIMO)	5775	151.4	123.0	N/A
11ax HE20 (MIMO)	5745	20.26	20.31	N/A
	5785	20.22	20.27	
	5825	20.57	20.25	
11ax HE40 (MIMO)	5755	39.40	39.76	N/A
	5795	48.58	46.01	
11ax HE80 (MIMO)	5775	80.01	81.05	N/A
Conclusion:Pass				

99% Occupied bandwidth:

Test Mode	Frequency (MHz)	99%Bandwidth(MHz)		Limit (MHz)
		ANT0	ANT1	
11a (MIMO)	5745	16.380	16.372	N/A
	5785	16.410	16.371	
	5825	16.427	16.396	
11n HT20 (MIMO)	5745	17.579	17.520	N/A
	5785	17.572	17.583	
	5825	17.598	17.608	
11n HT40 (MIMO)	5755	36.058	36.128	N/A
	5795	36.134	36.165	
11ac VHT20 (MIMO)	5745	17.593	17.552	N/A
	5785	17.585	17.590	
	5825	17.600	17.589	
11ac VHT40 (MIMO)	5755	36.130	36.125	N/A
	5795	36.157	36.241	
11ac VHT80 (MIMO)	5775	76.269	76.326	N/A
11ax HE20 (MIMO)	5745	18.926	18.914	N/A
	5785	18.957	18.937	
	5825	18.943	18.942	
11ax HE40 (MIMO)	5755	37.664	37.750	N/A
	5795	37.837	37.801	
11ax HE80 (MIMO)	5775	77.146	77.112	N/A
Conclusion:Pass				

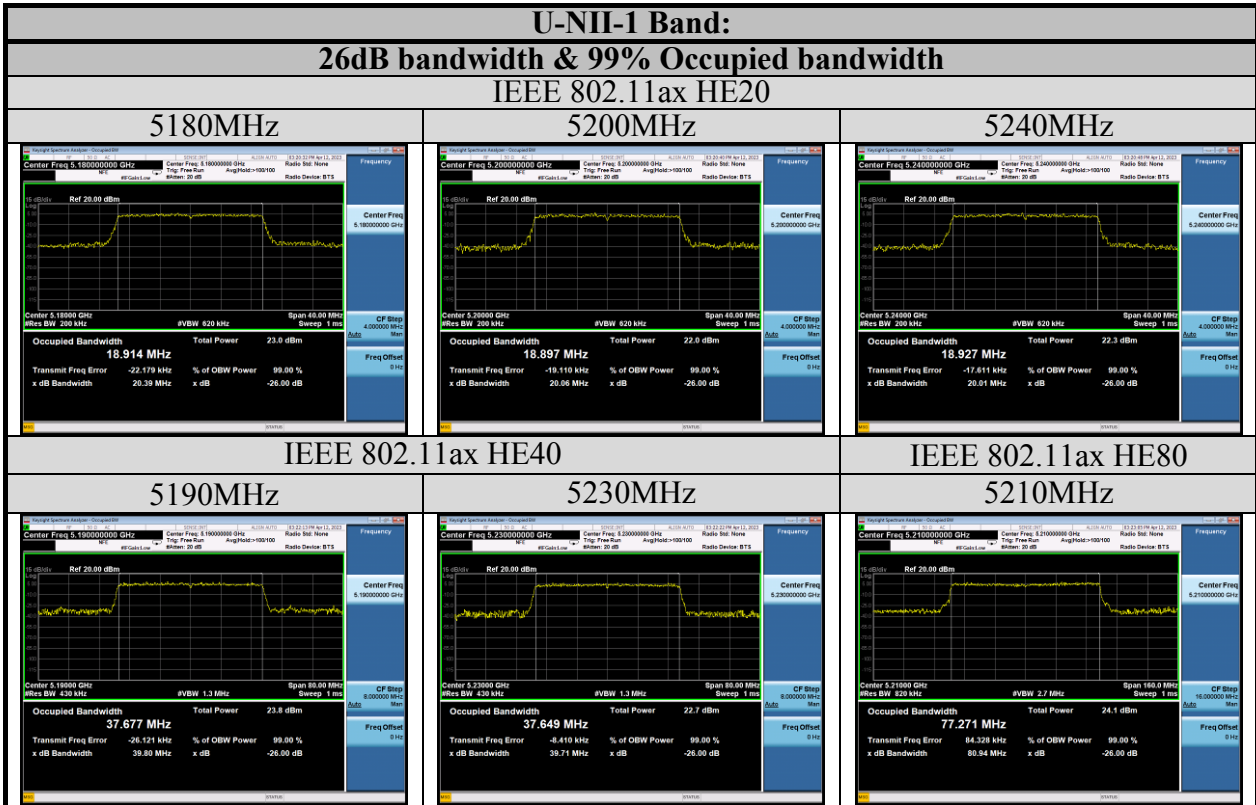
ANT0:





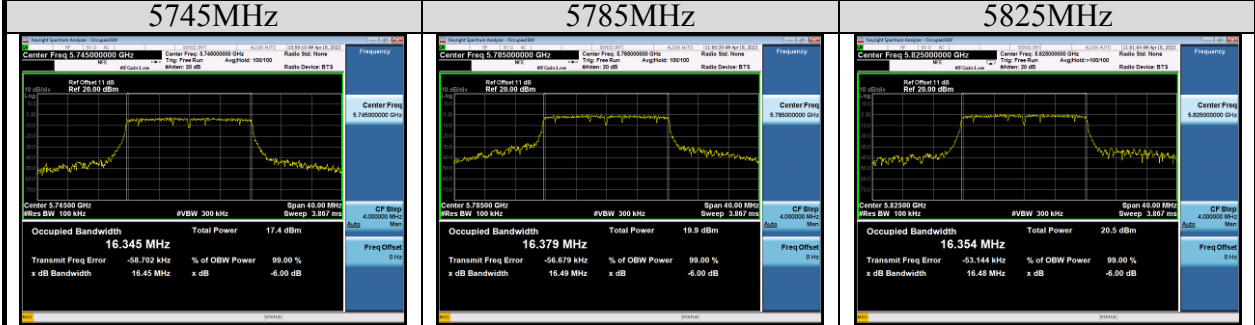
ANT1:



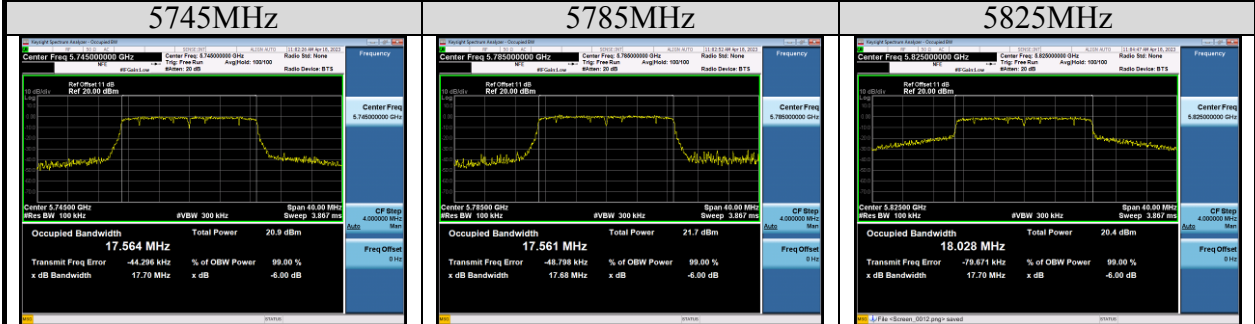


ANT0:

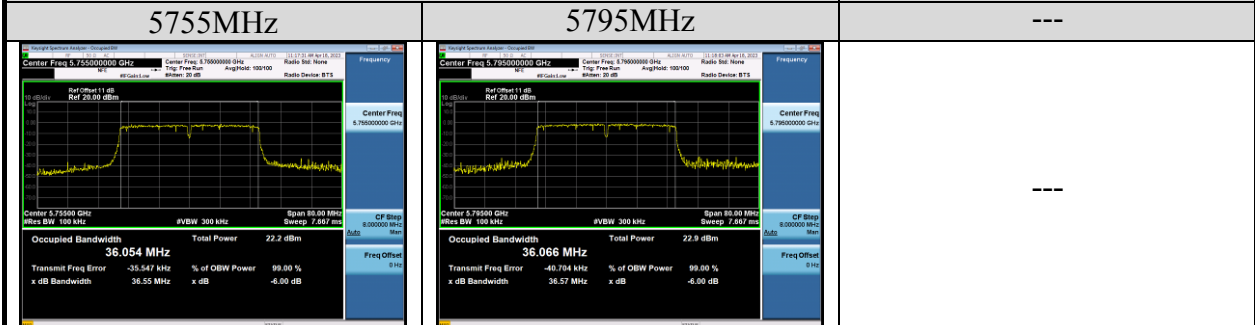
**U-NII-3 Band:
6dB bandwidth
IEEE 802.11a**



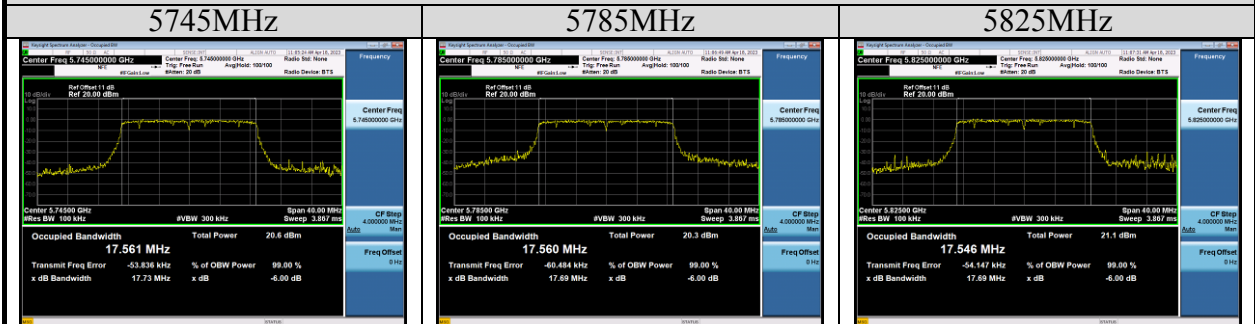
IEEE 802.11n HT20



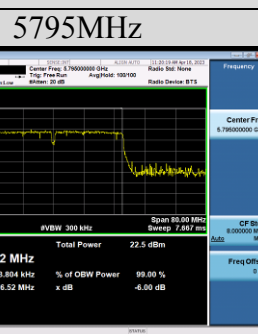
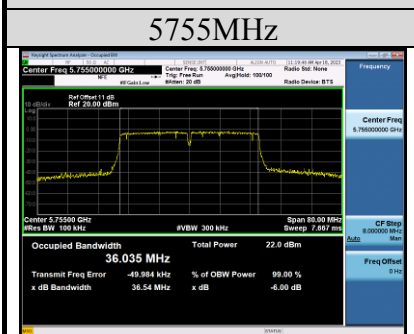
IEEE 802.11n HT40



IEEE 802.11ac VHT20



IEEE 802.11ac VHT40



IEEE 802.11ac VHT80

