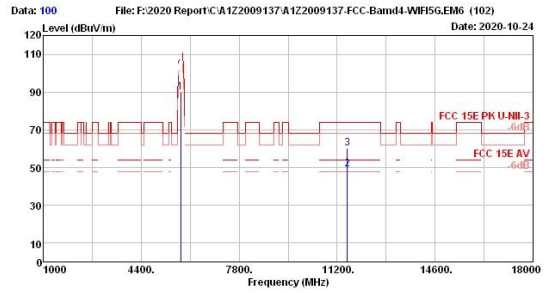


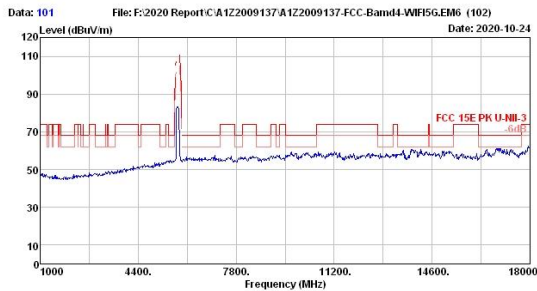
Site no. : 3m Chamber Data no. : 99
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT80 5775MHz Tx Mode



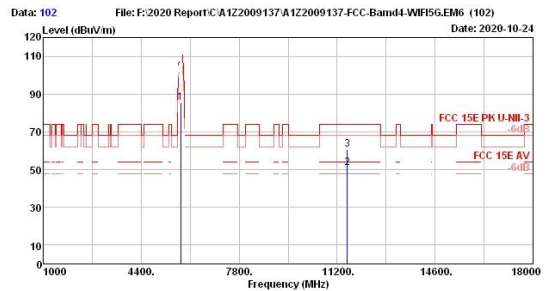
Site no. : 3m Chamber Data no. : 100
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT80 5775MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5775.00	34.40	7.96	80.64	32.89	90.11	-----	-----	Peak
2	11550.00	38.46	10.47	33.08	32.89	49.32	54.00	4.58	Average
3	11550.00	38.46	10.47	43.97	32.89	60.21	74.00	13.79	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. : 101
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT80 5775MHz Tx Mode



Site no. : 3m Chamber Data no. : 102
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT80 5775MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5775.00	34.40	7.96	75.88	32.89	85.35	-----	-----	Peak
2	11550.00	38.46	10.47	34.86	32.89	51.10	54.00	2.90	Average
3	11550.00	38.46	10.47	44.45	32.89	60.69	74.00	13.31	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.

5. BAND EDGE COMPLIANCE TEST

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.12,20	1 Year
2.	Amplifier	Agilent	8449B	3008A02495	Apr.11,20	1 Year
3.	Horn Antenna	ETC	MCTD 1209	DRH15F03007	Jul.30,20	1 Year
4.	RF Cable	EMCI	EMC102-KM-KM 3500	170702	Apr.12,20	1 Year

5.2. Limit

For transmitters operating in the band 5150-5250 MHz, all emissions outside the band 5150-5250 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge..

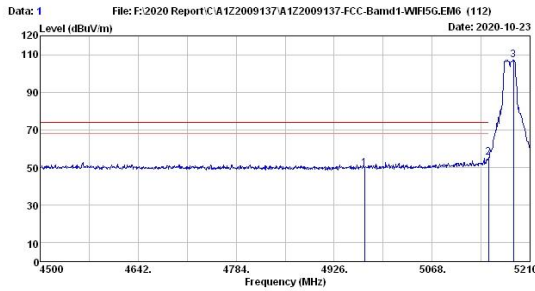
5.3. Test Procedure

1. The EUT is placed on a turntable, which is 1.5m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO
5. Per KDB789033 clause H 2)d).if the test distance is 3m,the EIRP(dBm)=E(dBuv/m)-95.2
Get the final compare with limit.

5.4. Test Results

Pass (The testing data was attached in the next pages.)

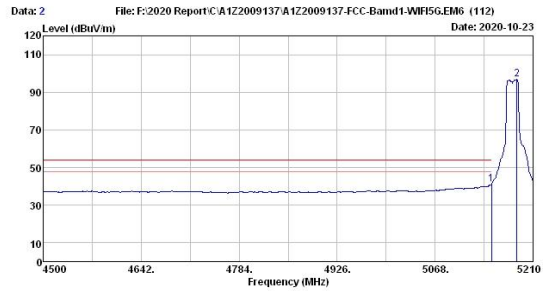
U-NII-1 Band:



Site no. : 3m Chamber Data no. : 1
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4970.00	32.59	7.50	42.81	33.20	49.70	74.00	24.30	Peak
2	5150.00	33.14	7.59	47.81	33.14	55.40	74.00	18.60	Peak
3	5185.86	33.26	7.61	99.63	33.13	107.37			Peak

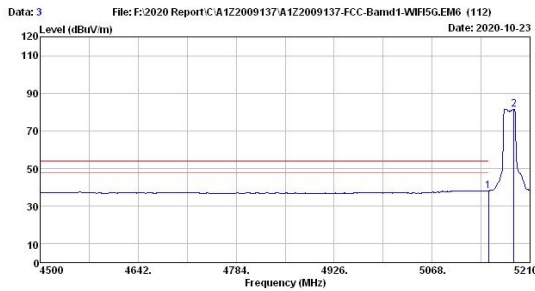
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	33.58	33.14	41.17	54.00	12.83	Average
2	5186.57	33.26	7.61	89.14	33.13	96.88			Average

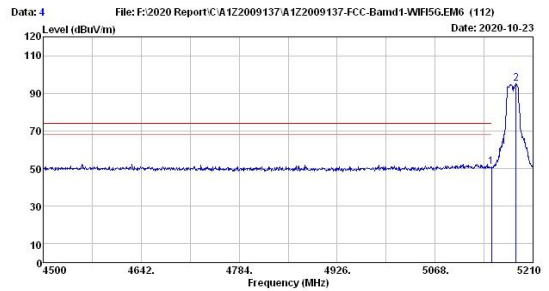
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 3
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	30.52	33.14	38.11	54.00	15.89	Average
2	5186.57	33.26	7.61	73.90	33.13	81.64			Average

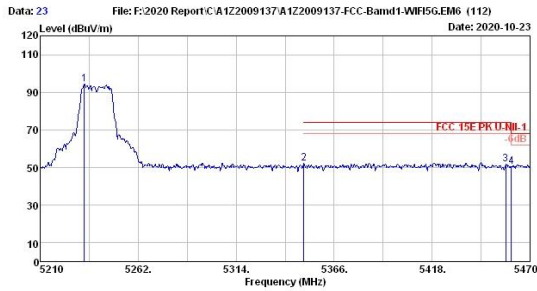
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	43.42	33.14	51.01	74.00	22.99	Peak
2	5185.15	33.26	7.61	87.56	33.13	95.30			Peak

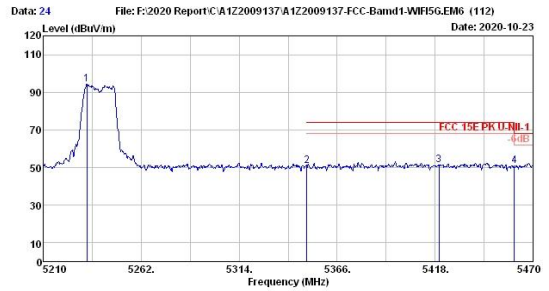
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 23
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5233.40	33.44	7.64	86.36	33.11	94.33	74.00	20.33	Peak
2	5350.00	33.86	7.71	43.61	33.06	52.12	74.00	21.88	Peak
3	5457.00	34.22	7.77	42.63	33.02	51.60	74.00	22.40	Peak
4	5460.00	34.22	7.77	41.55	33.02	50.52	68.20	17.68	Peak

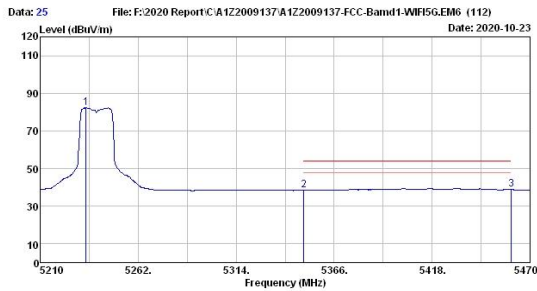
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5233.14	33.44	7.64	86.29	33.11	94.26	74.00	20.26	Peak
2	5350.00	33.86	7.71	42.52	33.06	51.03	74.00	22.97	Peak
3	5420.08	34.10	7.75	42.59	33.03	51.41	74.00	22.59	Peak
4	5460.00	34.22	7.77	41.82	33.02	50.79	68.20	17.41	Peak

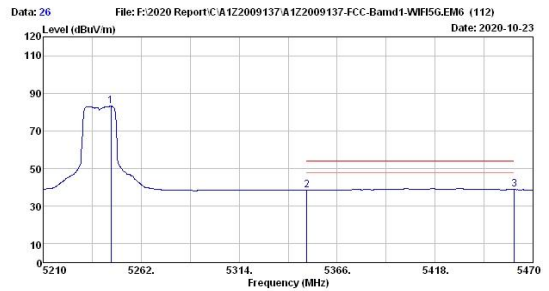
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 25
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5234.44	33.44	7.64	74.21	33.11	82.18	54.00	28.18	Average
2	5350.00	33.86	7.71	30.00	33.06	38.51	54.00	15.49	Average
3	5460.00	34.22	7.77	29.90	33.02	38.87	54.00	15.13	Average

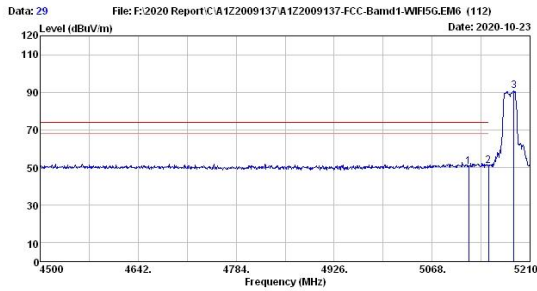
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5245.88	33.50	7.65	75.16	33.10	83.21	54.00	29.21	Average
2	5350.00	33.86	7.71	29.97	33.06	38.48	54.00	15.52	Average
3	5460.00	34.22	7.77	29.89	33.02	38.66	54.00	15.14	Average

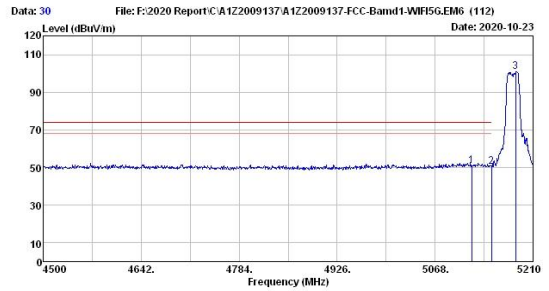
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 29 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5121.25	33.02	7.57	42.94	33.15	50.38	74.00	23.62	Peak
2	5150.00	33.14	7.59	43.55	33.14	51.14	74.00	22.86	Peak
3	5186.57	33.26	7.61	83.18	33.13	90.92	-----	-----	Peak

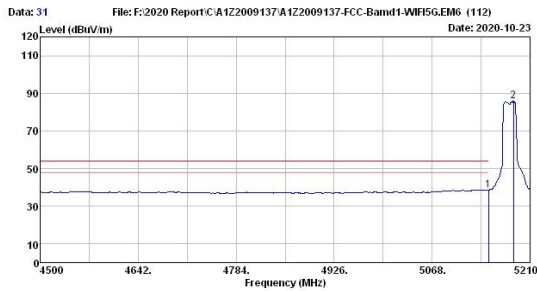
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 30 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5121.25	33.02	7.57	43.29	33.15	50.73	74.00	23.27	Peak
2	5150.00	33.14	7.59	43.08	33.14	50.67	74.00	23.33	Peak
3	5184.44	33.26	7.61	93.43	33.13	101.17	-----	-----	Peak

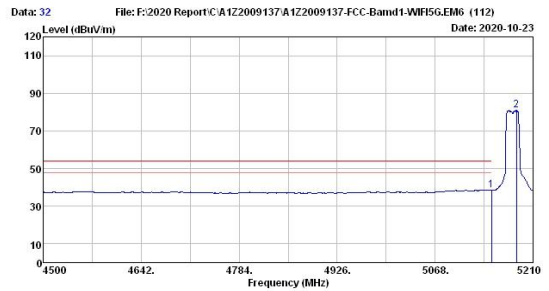
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 31 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	30.95	33.14	38.54	54.00	15.46	Average
2	5185.86	33.26	7.61	78.04	33.13	85.78	-----	-----	Average

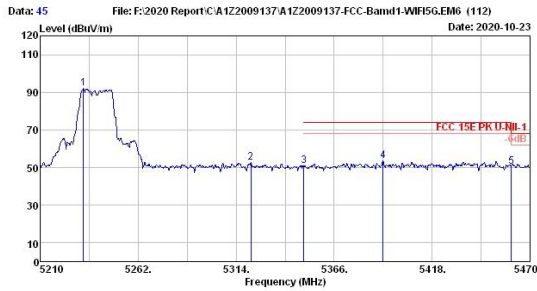
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 32 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	30.73	33.14	38.32	54.00	15.68	Average
2	5185.86	33.26	7.61	73.18	33.13	80.92	-----	-----	Average

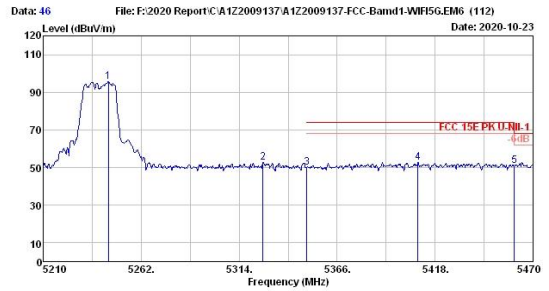
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 45
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5232.88	33.44	7.64	83.96	33.11	91.93	-----	-----	Peak
2	5321.00	33.74	7.69	44.24	33.07	52.60	-----	-----	Peak
3	5350.00	33.86	7.71	42.32	33.06	50.83	74.00	23.17	Peak
4	5392.00	33.98	7.73	44.87	33.04	53.54	74.00	20.46	Peak
5	5460.00	34.22	7.77	41.71	33.02	50.68	68.20	17.52	Peak

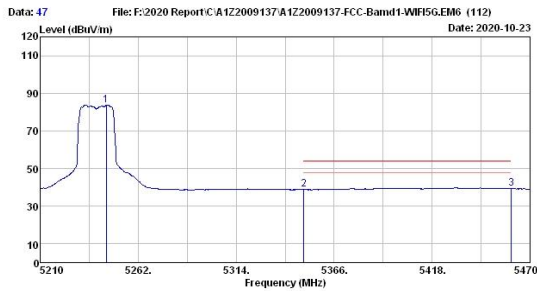
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5244.58	33.50	7.65	87.59	33.10	95.64	-----	-----	Peak
2	5325.74	33.80	7.70	44.36	33.06	52.80	-----	-----	Peak
3	5350.00	33.86	7.71	41.61	33.06	50.12	74.00	23.88	Peak
4	5408.90	34.04	7.74	44.12	33.04	52.66	74.00	21.14	Peak
5	5460.00	34.22	7.77	41.91	33.02	50.88	68.20	17.32	Peak

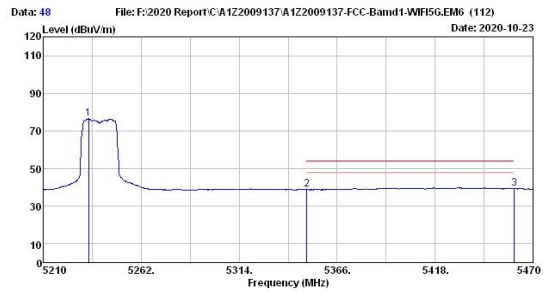
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5245.10	33.50	7.65	75.92	33.10	83.87	-----	-----	Average
2	5350.00	33.86	7.71	30.45	33.06	38.96	54.00	15.04	Average
3	5460.00	34.22	7.77	30.31	33.02	39.28	54.00	14.72	Average

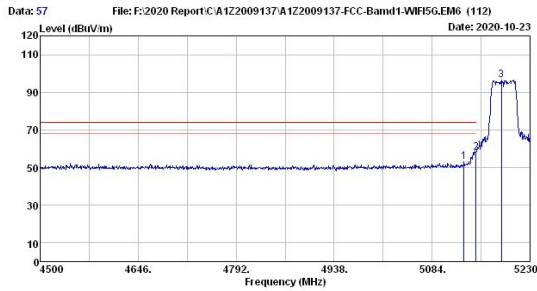
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5234.18	33.44	7.64	68.53	33.11	76.50	-----	-----	Average
2	5350.00	33.86	7.71	30.34	33.06	38.85	54.00	15.15	Average
3	5460.00	34.22	7.77	30.32	33.02	39.29	54.00	14.71	Average

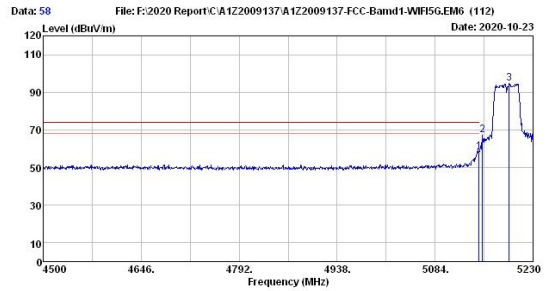
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 57 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 57
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5131.45	33.08	7.58	45.56	33.15	53.07	74.00	20.93	Peak
2	5149.70	33.14	7.59	50.59	33.14	58.18	74.00	15.82	Peak
3	5187.66	33.26	7.61	88.81	33.13	96.55	-----	-----	Peak

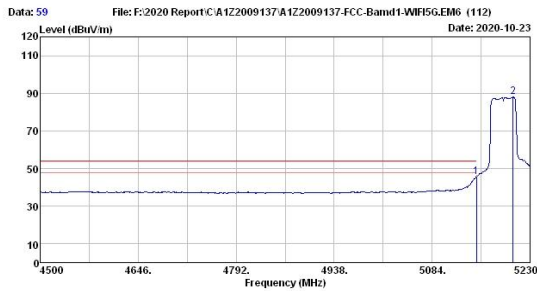
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 58 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 58
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5149.70	33.14	7.59	50.93	33.14	58.52	74.00	15.48	Peak
2	5154.81	33.14	7.59	59.73	33.14	67.32	-----	-----	Peak
3	5194.23	33.32	7.62	87.14	33.12	94.96	-----	-----	Peak

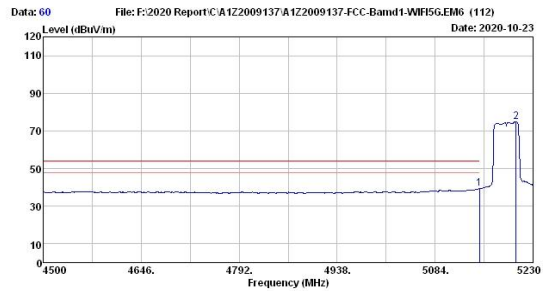
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 59 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 59
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	37.91	33.14	45.50	54.00	8.50	Average
2	5204.45	33.32	7.62	80.15	33.12	87.97	-----	-----	Average

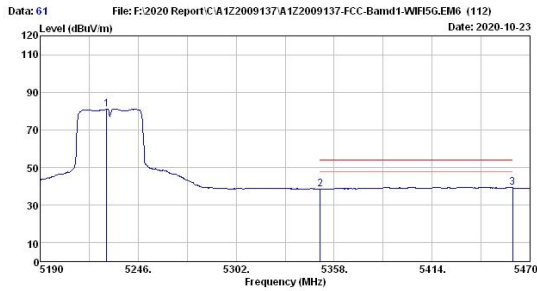
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 60 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	31.69	33.14	39.28	54.00	14.72	Average
2	5204.45	33.32	7.62	67.08	33.12	74.90	-----	-----	Average

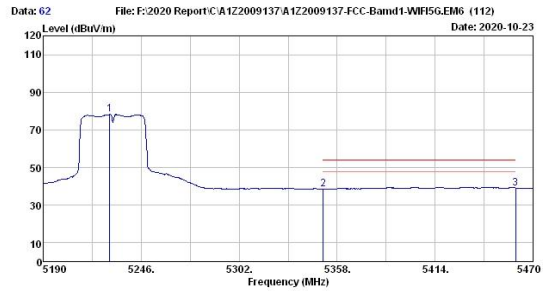
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5228.08	33.44	7.64	73.26	33.11	81.23	54.00	15.43	Average
2	5350.00	33.86	7.71	30.06	33.06	38.57	54.00	15.43	Average
3	5460.00	34.22	7.77	30.30	33.02	39.27	54.00	14.73	Average

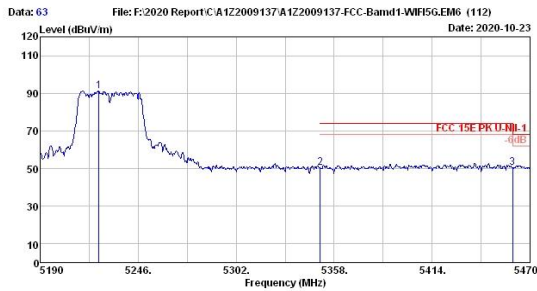
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5228.08	33.44	7.64	70.28	33.11	78.25	54.00	15.44	Average
2	5350.00	33.86	7.71	30.05	33.06	38.56	54.00	15.44	Average
3	5460.00	34.22	7.77	30.17	33.02	39.14	54.00	14.86	Average

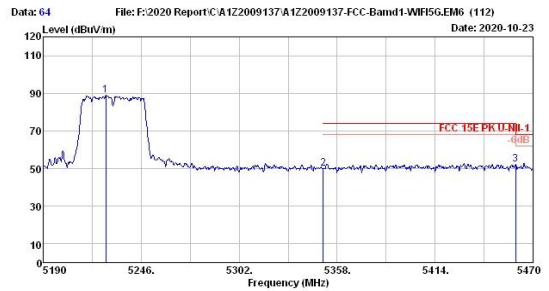
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5223.60	33.98	7.63	83.17	33.11	91.07	74.00	17.07	Peak
2	5350.00	33.86	7.71	42.06	33.06	50.57	74.00	23.43	Peak
3	5460.00	34.22	7.77	41.52	33.02	50.49	68.20	17.71	Peak

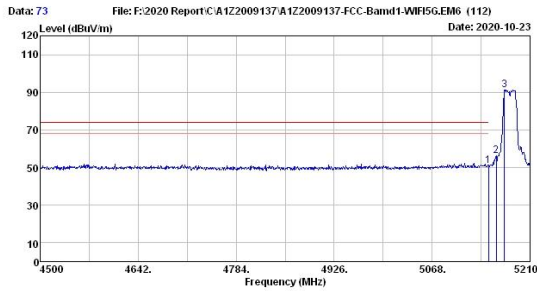
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112)
 Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11nHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5225.64	33.44	7.64	81.01	33.11	88.98	74.00	14.98	Peak
2	5350.00	33.86	7.71	41.36	33.06	49.87	74.00	24.13	Peak
3	5460.00	34.22	7.77	43.26	33.02	52.23	68.20	15.97	Peak

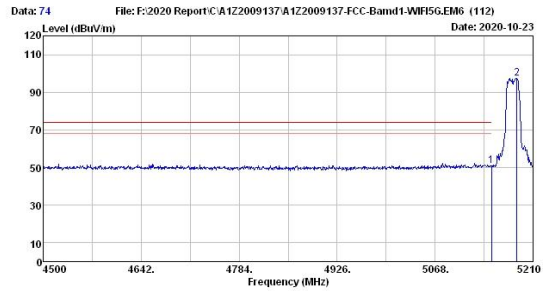
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 73
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	48.14	33.14	50.73	74.00	23.27	Peak
2	5161.01	33.20	7.60	48.38	33.13	56.05	-----	-----	Peak
3	5173.08	33.20	7.60	83.44	33.13	91.11	-----	-----	Peak

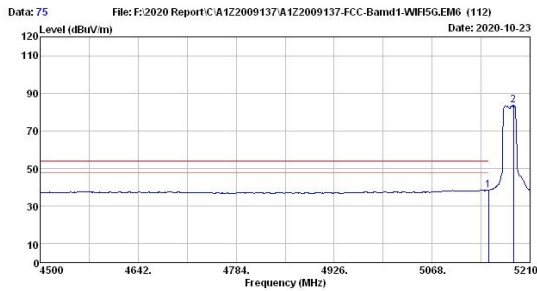
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 74
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	43.34	33.14	50.93	74.00	23.07	Peak
2	5186.87	33.26	7.61	89.59	33.13	97.33	-----	-----	Peak

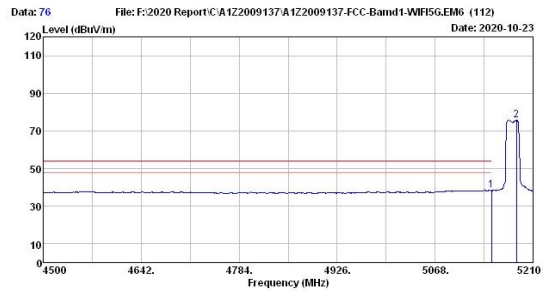
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 75
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	30.99	33.14	38.48	54.00	15.52	Average
2	5185.86	33.26	7.61	75.93	33.13	83.67	-----	-----	Average

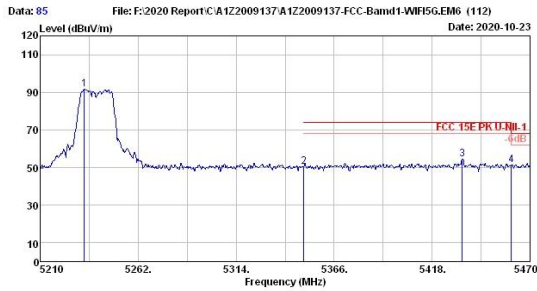
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 76
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S180MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	30.72	33.14	38.31	54.00	15.69	Average
2	5185.86	33.26	7.61	68.14	33.13	75.88	-----	-----	Average

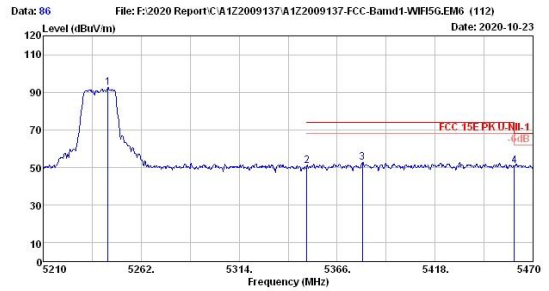
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 85
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5233.40	33.44	7.64	83.86	33.11	91.83	74.00	17.83	Peak
2	5350.00	33.86	7.71	41.77	33.06	50.28	74.00	23.72	Peak
3	5434.12	34.16	7.76	45.60	33.02	54.50	74.00	19.50	Peak
4	5460.00	34.22	7.77	42.30	33.02	51.27	68.20	16.93	Peak

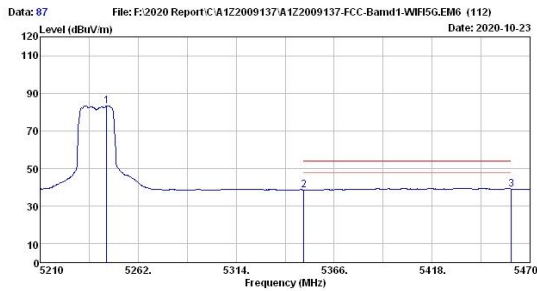
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 86
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5244.32	33.50	7.65	84.33	33.10	92.38	74.00	18.38	Peak
2	5350.00	33.86	7.71	42.26	33.06	50.77	74.00	23.23	Peak
3	5379.52	33.98	7.73	43.96	33.04	52.63	74.00	21.37	Peak
4	5460.00	34.22	7.77	42.04	33.02	51.01	68.20	17.19	Peak

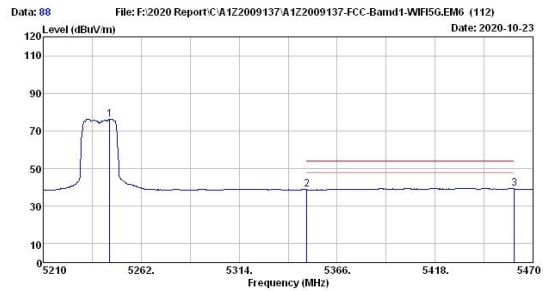
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 87
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5245.36	33.50	7.65	75.38	33.10	83.43	54.00	29.43	Average
2	5350.00	33.86	7.71	30.14	33.06	38.65	54.00	15.35	Average
3	5460.00	34.22	7.77	30.14	33.02	39.11	54.00	14.89	Average

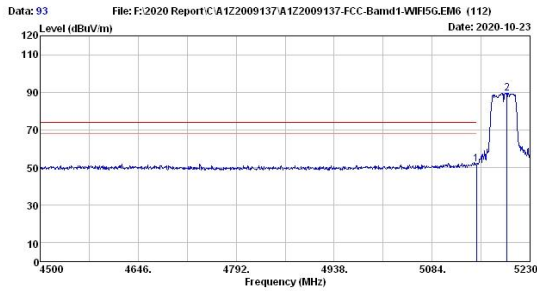
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 88
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT20 S240MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5245.36	33.50	7.65	68.30	33.10	76.35	54.00	22.35	Average
2	5350.00	33.86	7.71	30.28	33.06	38.79	54.00	15.21	Average
3	5460.00	34.22	7.77	30.25	33.02	39.22	54.00	14.78	Average

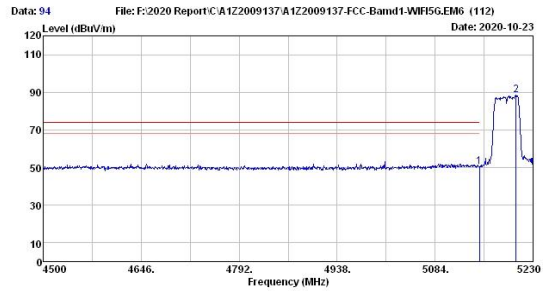
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 93
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	44.20	33.14	51.79	74.00	22.21	Peak
2	5195.69	33.32	7.62	61.85	33.12	89.67			Peak

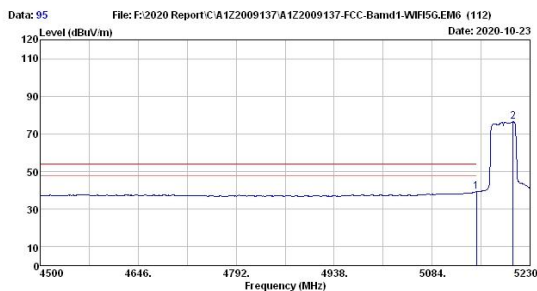
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 94
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	43.05	33.14	50.64	74.00	23.36	Peak
2	5204.45	33.32	7.62	80.53	33.12	88.35			Peak

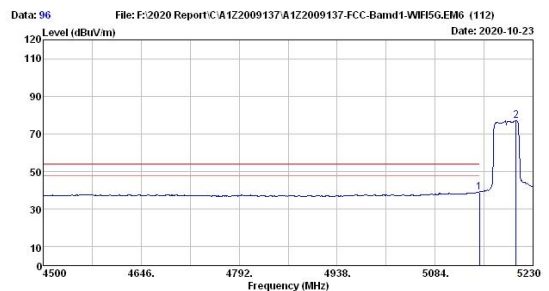
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 95
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	31.75	33.14	39.34	54.00	14.66	Average
2	5204.45	33.32	7.62	68.61	33.12	76.43			Average

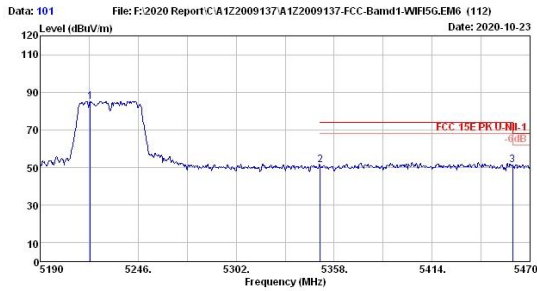
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 96
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S190MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	31.58	33.14	39.17	54.00	14.83	Average
2	5204.45	33.32	7.62	69.16	33.12	76.98			Average

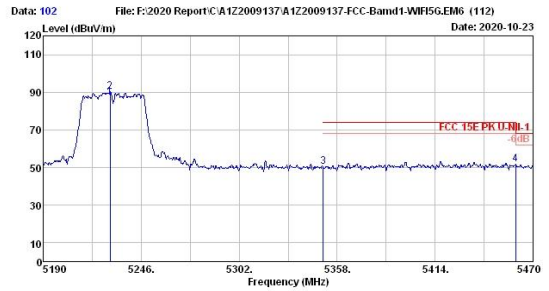
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 101
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5218.56	33.38	7.63	77.32	33.11	85.22	-----	-----	Peak
2	5350.00	33.86	7.71	42.99	33.06	51.46	74.00	22.54	Peak
3	5460.00	34.22	7.77	42.60	33.02	51.57	68.20	16.63	Peak

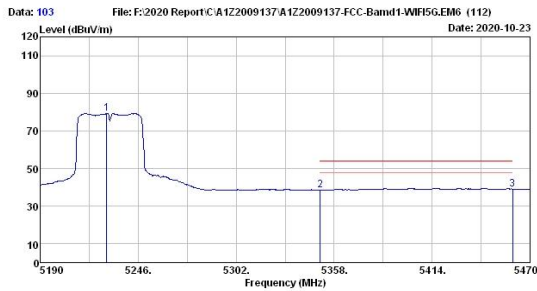
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 102
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-1
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5228.36	33.44	7.64	79.42	33.11	87.39	-----	-----	Peak
2	5228.36	33.44	7.64	82.42	33.11	90.39	-----	-----	Peak
3	5350.00	33.86	7.71	41.85	33.06	50.36	74.00	23.64	Peak
4	5460.00	34.22	7.77	42.88	33.02	51.65	68.20	16.35	Peak

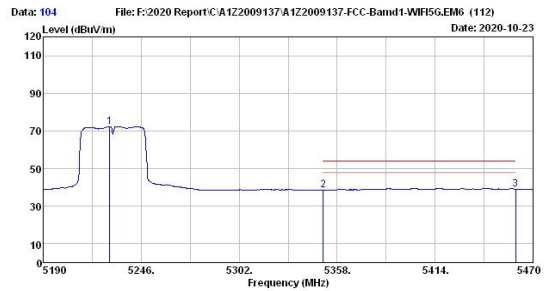
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 103
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S230MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5228.08	33.44	7.64	71.35	33.11	79.32	-----	-----	Average
2	5350.00	33.86	7.71	29.99	33.06	38.50	54.00	15.50	Average
3	5460.00	34.22	7.77	30.15	33.02	39.12	54.00	14.88	Average

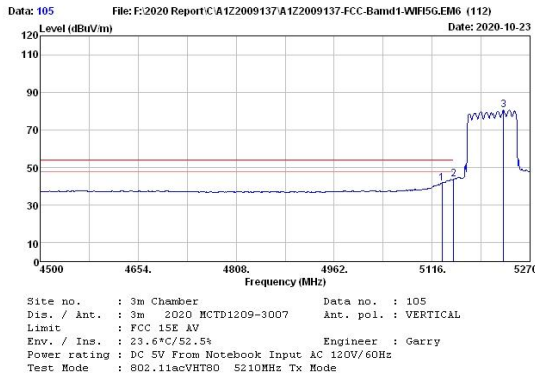
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band1-WIFI5G.EM6 (112) Date: 2020-10-23
 Site no. : 3m Chamber Data no. : 104
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11acVHT40 S230MHz Tx Mode

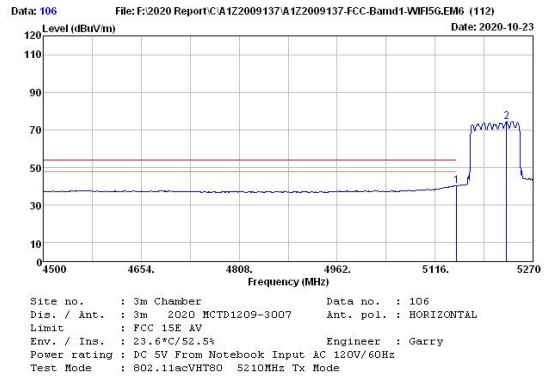
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5228.08	33.44	7.64	64.36	33.11	72.33	-----	-----	Average
2	5350.00	33.86	7.71	29.99	33.06	38.50	54.00	15.50	Average
3	5460.00	34.22	7.77	30.12	33.02	39.09	54.00	14.91	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.



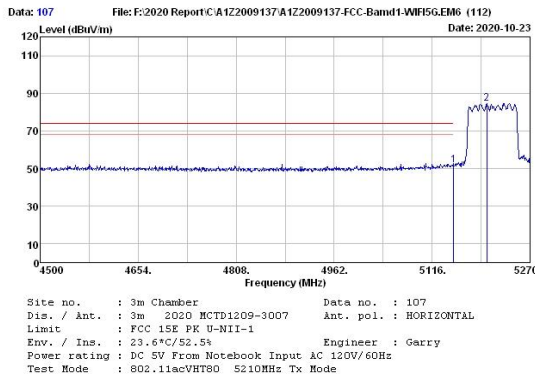
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5131.40	33.08	7.58	34.12	33.15	41.63	54.00	12.37	Average
2	5150.00	33.14	7.59	35.09	33.14	43.68	54.00	10.32	Average
3	5228.42	33.44	7.64	72.71	33.11	80.68	-----	-----	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.



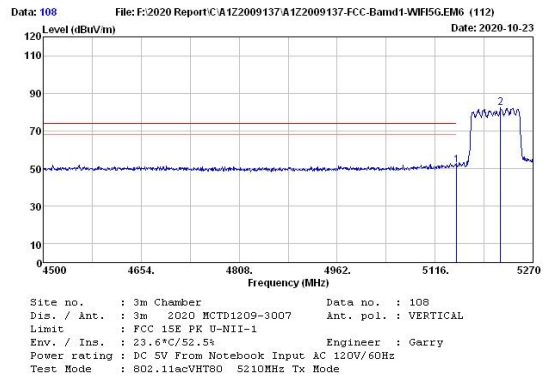
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	32.76	33.14	40.35	54.00	13.65	Average
2	5228.42	33.44	7.64	66.59	33.11	74.56	-----	-----	Average

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.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	44.30	33.14	51.69	74.00	22.31	Peak
2	5202.24	33.32	7.62	76.92	33.12	84.74	-----	-----	Peak

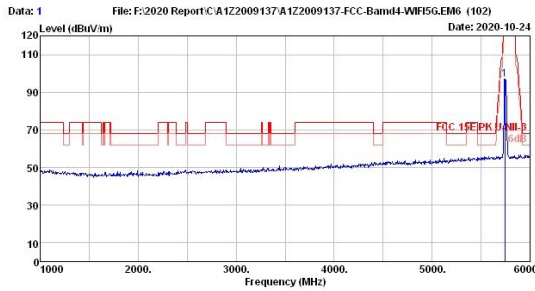
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.14	7.59	44.10	33.14	51.69	74.00	22.31	Peak
2	5219.18	33.38	7.63	74.27	33.11	82.17	-----	-----	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.

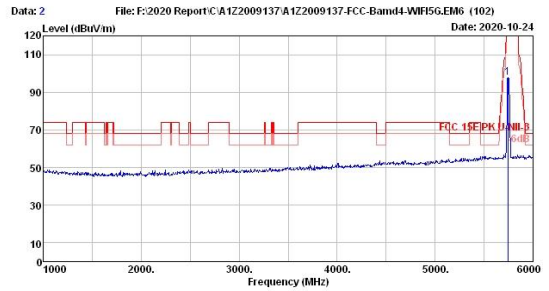
U-NII-3 Band:



Site no. : 3m Chamber Data no. : 1
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.40	7.94	87.75	32.90	97.19	70.00	27.19	Peak

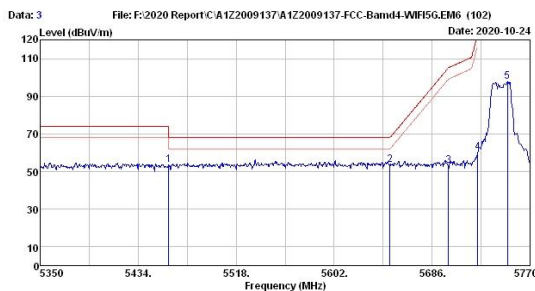
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.40	7.94	88.47	32.90	97.91	70.00	27.91	Peak

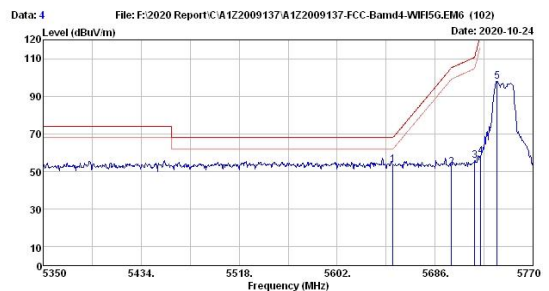
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 3
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	34.22	7.77	44.55	33.02	53.52	68.20	14.68	Peak
2	5650.00	34.40	7.89	44.03	32.94	53.38	68.20	14.82	Peak
3	5700.00	34.40	7.91	43.70	32.92	53.09	105.20	52.11	Peak
4	5725.00	34.40	7.93	50.98	32.91	60.40	122.80	62.40	Peak
5	5750.68	34.40	7.94	88.53	32.90	97.97	70.00	27.97	Peak

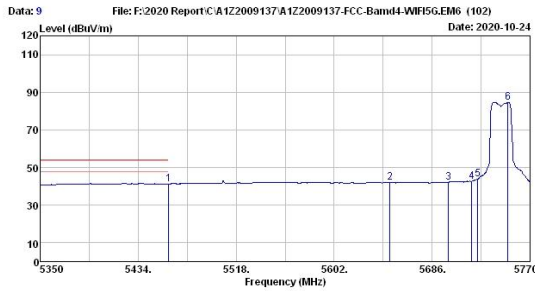
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4
 Dis. / Ant. : 3m 2020 NCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5650.00	34.40	7.89	44.40	32.94	53.75	68.20	14.45	Peak
2	5700.00	34.40	7.91	43.04	32.92	52.43	105.20	52.77	Peak
3	5720.00	34.40	7.93	46.38	32.91	55.80	110.80	55.00	Peak
4	5725.00	34.40	7.93	48.59	32.91	58.01	122.80	64.79	Peak
5	5739.34	34.40	7.94	88.50	32.90	97.94	70.00	27.94	Peak

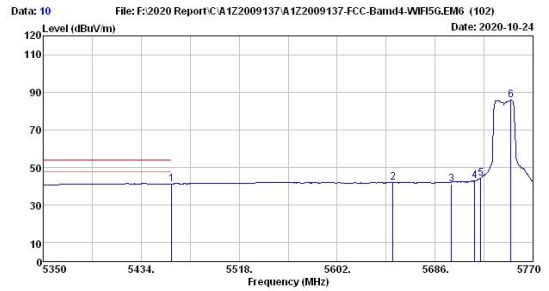
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 9
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	34.22	7.77	32.26	33.02	41.23	54.00	12.77	Average
2	5550.00	34.40	7.89	32.62	32.94	41.97	-----	-----	Average
3	5700.00	34.40	7.91	32.70	32.92	42.09	-----	-----	Average
4	5720.00	34.40	7.93	33.30	32.91	42.72	-----	-----	Average
5	5725.06	34.40	7.93	34.46	32.91	43.88	-----	-----	Average
6	5751.10	34.40	7.94	75.20	32.90	84.64	-----	-----	Average

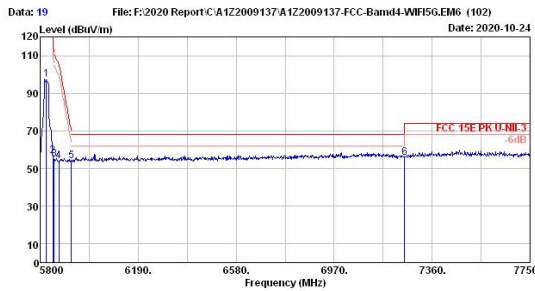
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	34.22	7.77	32.26	33.02	41.10	54.00	12.90	Average
2	5550.00	34.40	7.89	32.62	32.94	41.97	-----	-----	Average
3	5700.00	34.40	7.91	31.71	32.92	41.10	-----	-----	Average
4	5720.00	34.40	7.93	33.42	32.91	42.64	-----	-----	Average
5	5725.06	34.40	7.93	34.95	32.91	44.37	-----	-----	Average
6	5751.10	34.40	7.94	76.31	32.90	85.75	-----	-----	Average

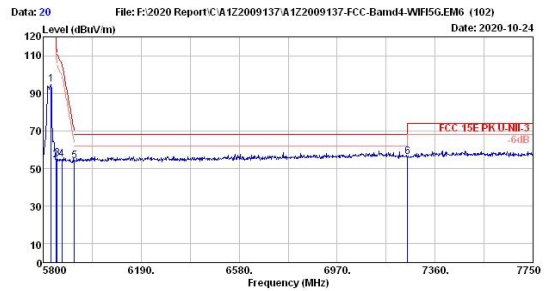
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 19
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5825MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.35	34.40	7.99	88.07	32.87	97.59	-----	-----	Peak
2	5850.00	34.40	8.00	47.27	32.86	56.81	122.20	65.39	Peak
3	5855.00	34.40	8.01	45.42	32.85	54.98	110.80	55.82	Peak
4	5875.00	34.40	8.02	44.60	32.85	54.17	105.20	51.03	Peak
5	5925.00	34.40	8.05	44.58	32.83	54.20	68.20	14.00	Peak
6	7250.00	36.05	8.82	43.87	33.03	55.71	68.20	12.49	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.

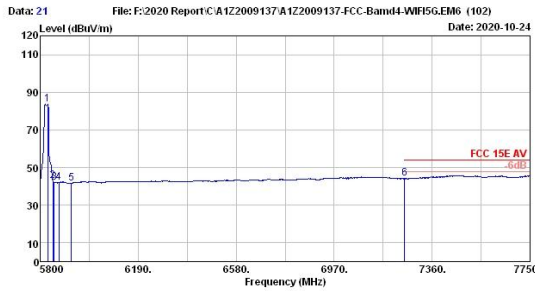


Site no. : 3m Chamber Data no. : 20
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5825MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5831.20	34.40	7.99	85.05	32.87	94.57	-----	-----	Peak
2	5850.00	34.40	8.00	44.91	32.86	54.45	122.20	67.75	Peak
3	5855.00	34.40	8.01	45.83	32.85	55.39	110.80	55.41	Peak
4	5875.00	34.40	8.02	45.47	32.85	55.04	105.20	50.16	Peak
5	5925.00	34.40	8.05	44.58	32.83	54.20	68.20	14.00	Peak
6	7250.00	36.05	8.82	44.43	33.03	56.27	68.20	11.93	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.

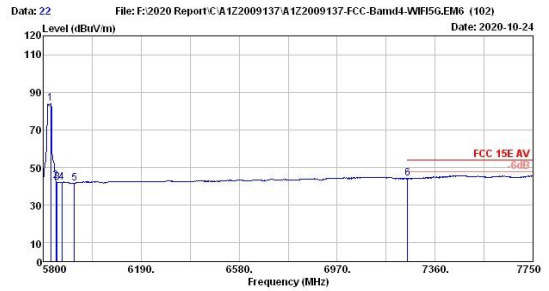
FCC ID: 2AU3BU9W34



Data: 21 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band4-WIFI5G.EM6 (102) Date: 2020-10-24
 Site no. : 3m Chamber Data no. : 21
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5825MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5829.25	34.40	7.99	74.17	32.87	83.69	-----	-----	Average
2	5850.00	34.40	8.00	33.27	32.86	42.81	-----	-----	Average
3	5855.00	34.40	8.01	32.69	32.85	42.25	-----	-----	Average
4	5875.00	34.40	8.02	32.47	32.85	42.04	-----	-----	Average
5	5925.00	34.40	8.05	32.14	32.83	41.76	-----	-----	Average
6	7250.00	36.05	8.82	32.39	33.03	44.23	54.00	9.77	Average

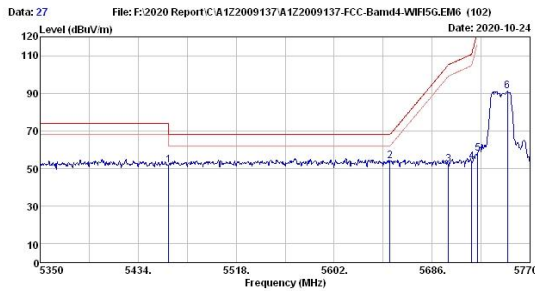
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 22 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band4-WIFI5G.EM6 (102) Date: 2020-10-24
 Site no. : 3m Chamber Data no. : 22
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E AV
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11a 5825MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5829.25	34.40	7.99	74.58	32.87	84.10	-----	-----	Average
2	5850.00	34.40	8.00	33.34	32.86	42.88	-----	-----	Average
3	5855.00	34.40	8.01	32.68	32.85	42.24	-----	-----	Average
4	5875.00	34.40	8.02	32.42	32.85	41.99	-----	-----	Average
5	5925.00	34.40	8.05	32.08	32.83	41.70	-----	-----	Average
6	7250.00	36.05	8.82	32.35	33.03	44.19	54.00	9.81	Average

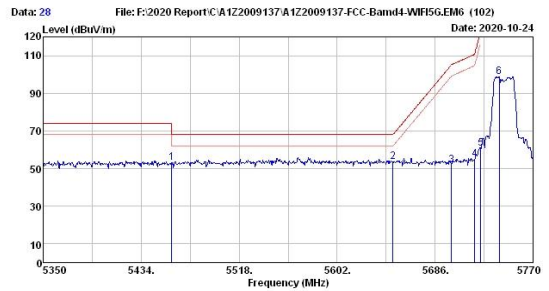
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



Data: 27 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band4-WIFI5G.EM6 (102) Date: 2020-10-24
 Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11n HT20 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	34.22	7.77	43.04	33.02	52.01	68.20	16.19	Peak
2	5650.00	34.40	7.89	44.57	32.94	53.92	68.20	14.28	Peak
3	5700.00	34.40	7.91	42.65	32.92	52.04	105.20	53.16	Peak
4	5720.00	34.40	7.93	44.36	32.91	53.78	110.80	57.02	Peak
5	5725.00	34.40	7.93	48.37	32.91	57.79	122.80	65.01	Peak
6	5750.68	34.40	7.94	81.71	32.90	91.15	-----	-----	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: 28 File: F:\2020 Report\C\A1Z2009137\A1Z2009137-FCC-Band4-WIFI5G.EM6 (102) Date: 2020-10-24
 Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2020 MCTD1209-3007 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-3
 Env. / Ins. : 23.6°C/52.5% Engineer : Garry
 Power rating : DC 5V From Notebook Input AC 120V/60Hz
 Test Mode : 802.11n HT20 5745MHz Tx Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.00	34.22	7.77	44.18	33.02	53.15	68.20	15.05	Peak
2	5650.00	34.40	7.89	44.27	32.94	53.62	68.20	14.58	Peak
3	5700.00	34.40	7.91	42.27	32.92	51.66	105.20	53.54	Peak
4	5720.00	34.40	7.93	45.30	32.91	54.72	110.80	56.08	Peak
5	5725.00	34.40	7.93	51.06	32.91	60.48	122.80	62.32	Peak
6	5741.02	34.40	7.94	89.25	32.90	98.69	-----	-----	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.