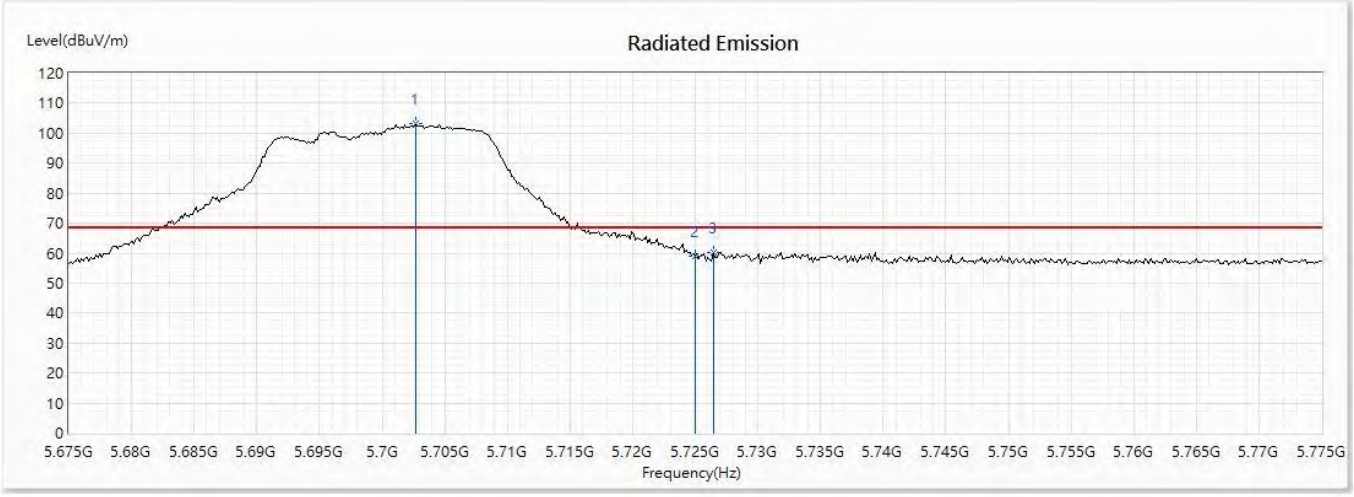
Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 2:802.11ac20-Channel 140 (5700MHz)

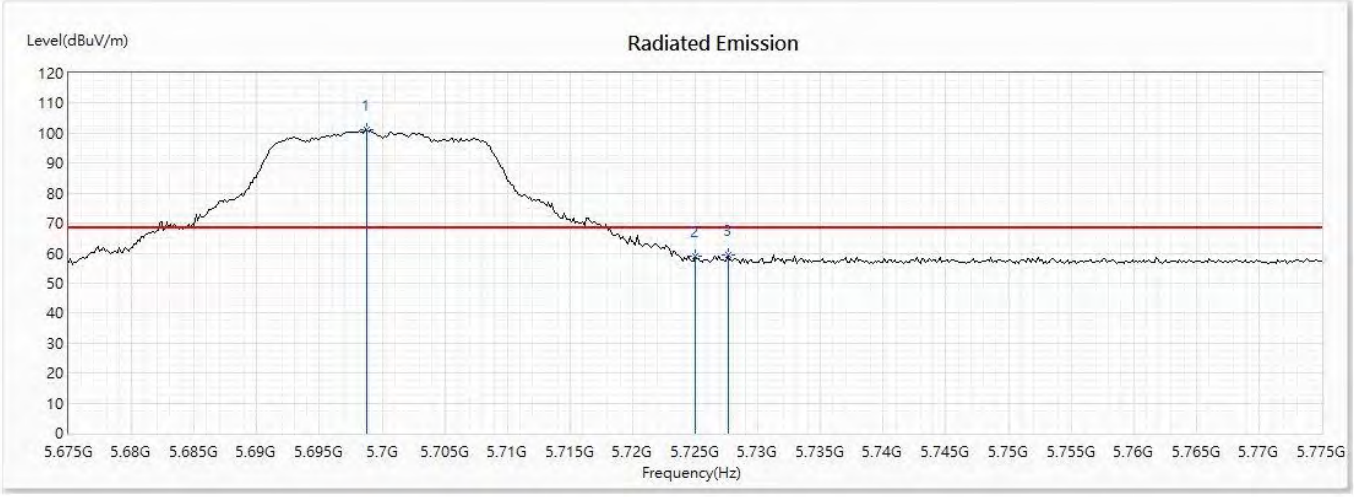
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5702.681	103.17	68.22	34.95	95.31	7.86	PK
2	5725	58.98	68.22	-9.24	51.07	7.91	PK
3	5726.449	60.34	68.22	-7.88	52.42	7.92	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 2:802.11ac20-Channel 140 (5700MHz)

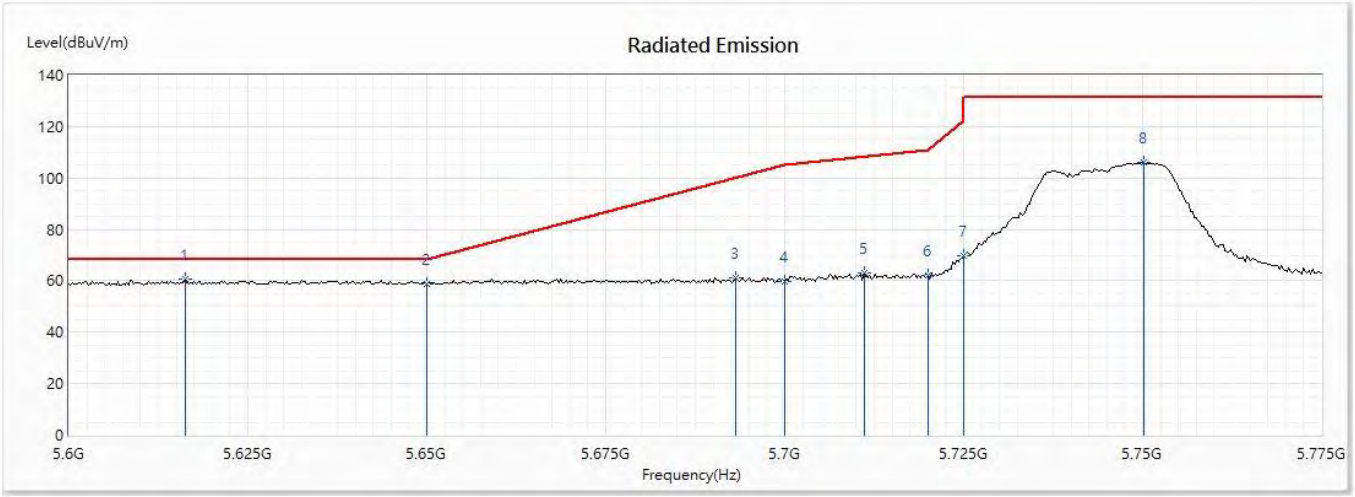
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5698.768	100.97	68.22	32.75	93.12	7.85	PK
2	5725	59.04	68.22	-9.18	51.13	7.91	PK
3	5727.609	59.39	68.22	-8.83	51.46	7.93	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 2:802.11ac20-Channel 149 (5745MHz)

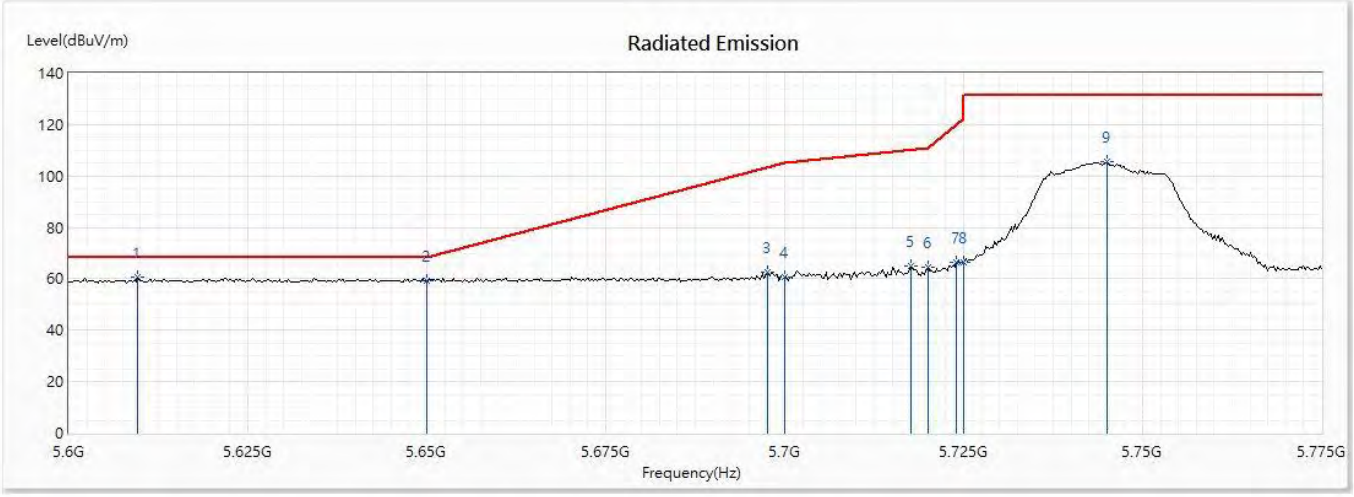
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5616.232	60.75	68.22	-7.47	53.11	7.64	PK
2	5650	58.82	68.22	-9.40	51.09	7.73	PK
3	5693.08	61.36	100.10	-38.74	53.53	7.83	PK
4	5700	59.78	105.20	-45.42	51.92	7.86	PK
5	5711.087	63.13	108.31	-45.18	55.24	7.89	PK
6	5720	62.00	110.80	-48.80	54.10	7.90	PK
7	5725	69.64	122.20	-52.56	61.73	7.91	PK
8	5750.145	105.98	131.20	-25.22	98.00	7.98	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 2:802.11ac20-Channel 149 (5745MHz)

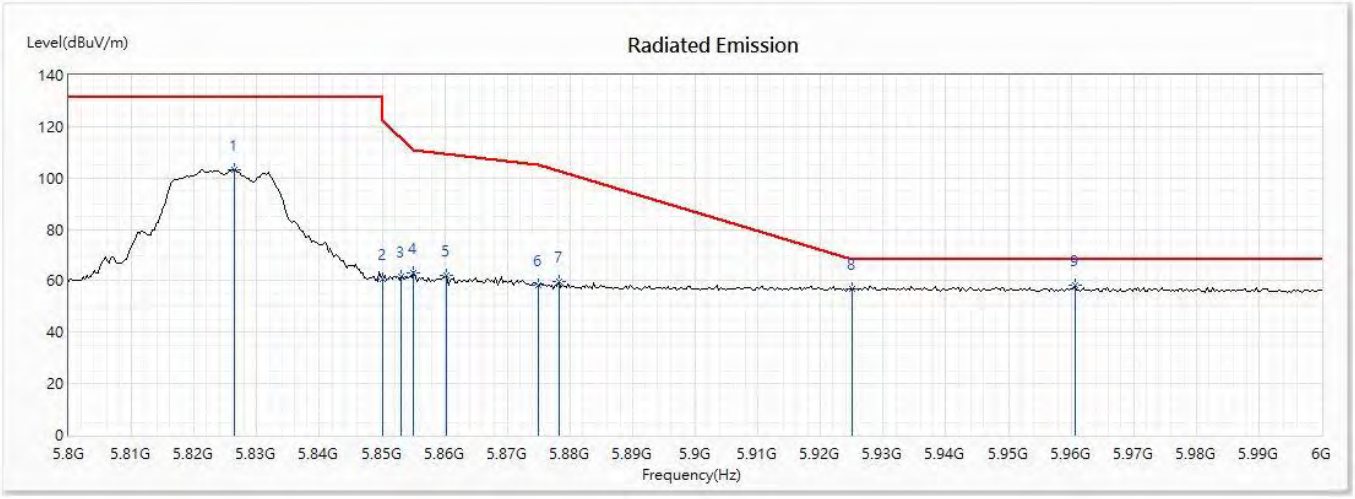
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5609.638	60.57	68.22	-7.65	52.94	7.63	PK
2	5650	59.28	68.22	-8.94	51.55	7.73	PK
3	5697.645	62.60	103.47	-40.87	54.75	7.85	PK
4	5700	60.53	105.20	-44.67	52.67	7.86	PK
5	5717.681	64.96	110.15	-45.19	57.07	7.89	PK
6	5720	64.34	110.80	-46.46	56.44	7.90	PK
7	5724.022	66.61	119.97	-53.36	58.70	7.91	PK
8	5725	66.40	122.20	-55.80	58.49	7.91	PK
9	5745.072	105.47	131.20	-25.73	97.51	7.96	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 2:802.11ac20-Channel 165 (5825MHz)

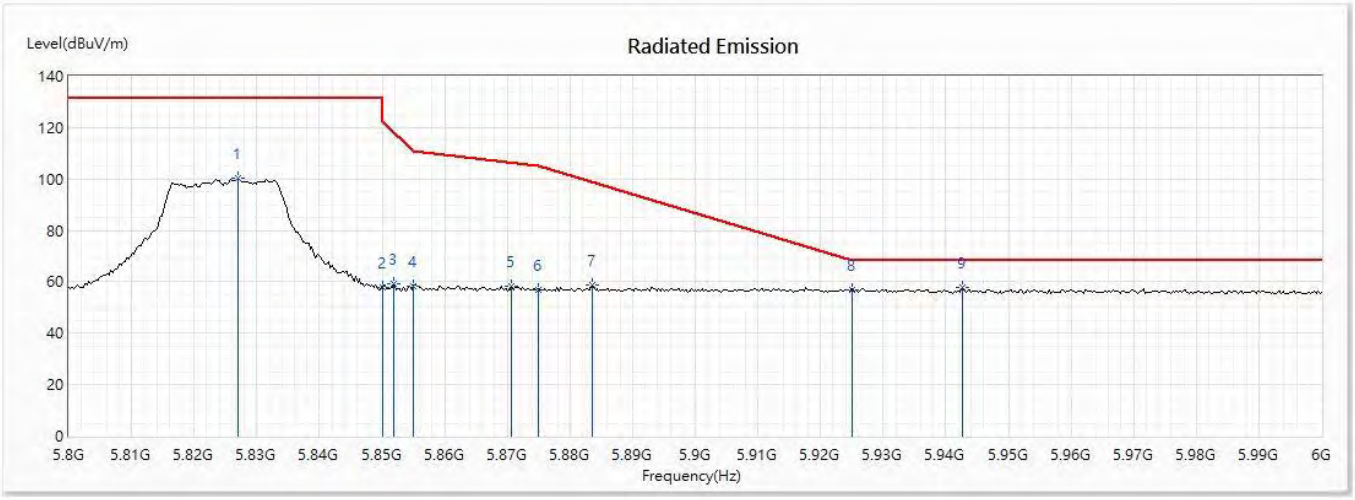
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5826.377	103.29	131.20	-27.91	95.58	7.71	PK
2	5850	60.84	122.20	-61.36	53.22	7.62	PK
3	5853.043	61.49	115.26	-53.77	53.89	7.60	PK
4	5855	63.11	110.80	-47.69	55.51	7.60	PK
5	5860.29	62.32	109.32	-47.00	54.75	7.57	PK
6	5875	58.19	105.20	-47.01	50.67	7.52	PK
7	5878.261	59.80	102.78	-42.98	52.29	7.51	PK
8	5925	56.78	68.20	-11.42	49.43	7.35	PK
* 9	5960.58	58.51	68.20	-9.69	51.30	7.21	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 2:802.11ac20-Channel 165 (5825MHz)

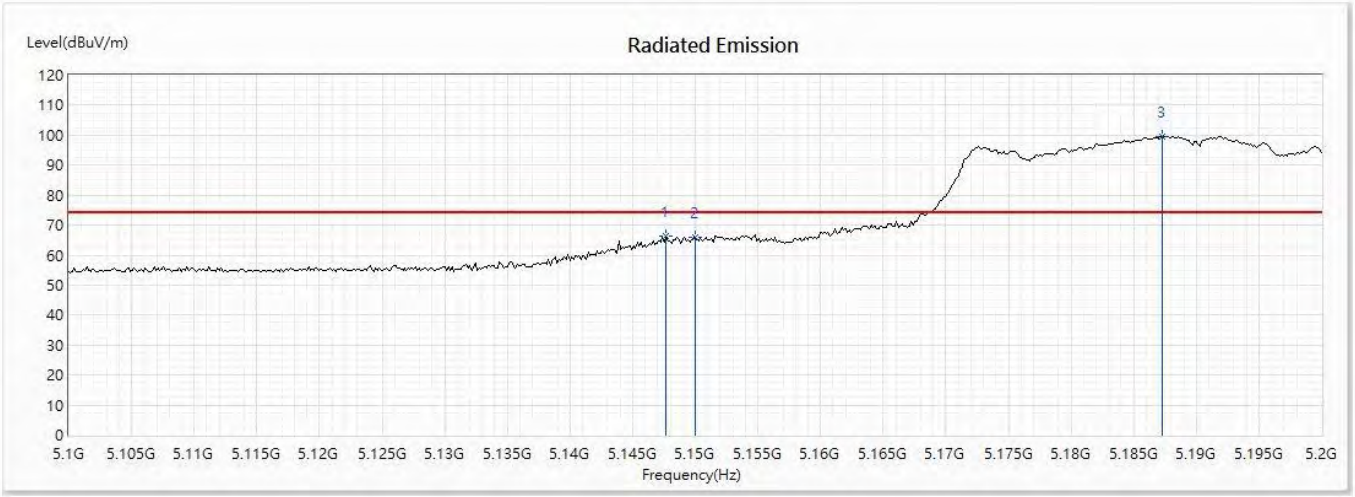
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5826.957	100.23	131.20	-30.97	92.53	7.70	PK
2	5850	57.88	122.20	-64.32	50.26	7.62	PK
3	5851.884	59.05	117.90	-58.85	51.45	7.60	PK
4	5855	58.20	110.80	-52.60	50.60	7.60	PK
5	5870.725	58.37	106.40	-48.03	50.83	7.54	PK
6	5875	56.87	105.20	-48.33	49.35	7.52	PK
7	5883.478	58.74	98.90	-40.17	51.24	7.50	PK
8	5925	56.79	68.20	-11.41	49.44	7.35	PK
* 9	5942.609	57.75	68.20	-10.45	50.47	7.28	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 38 (5190MHz)

Horizontal



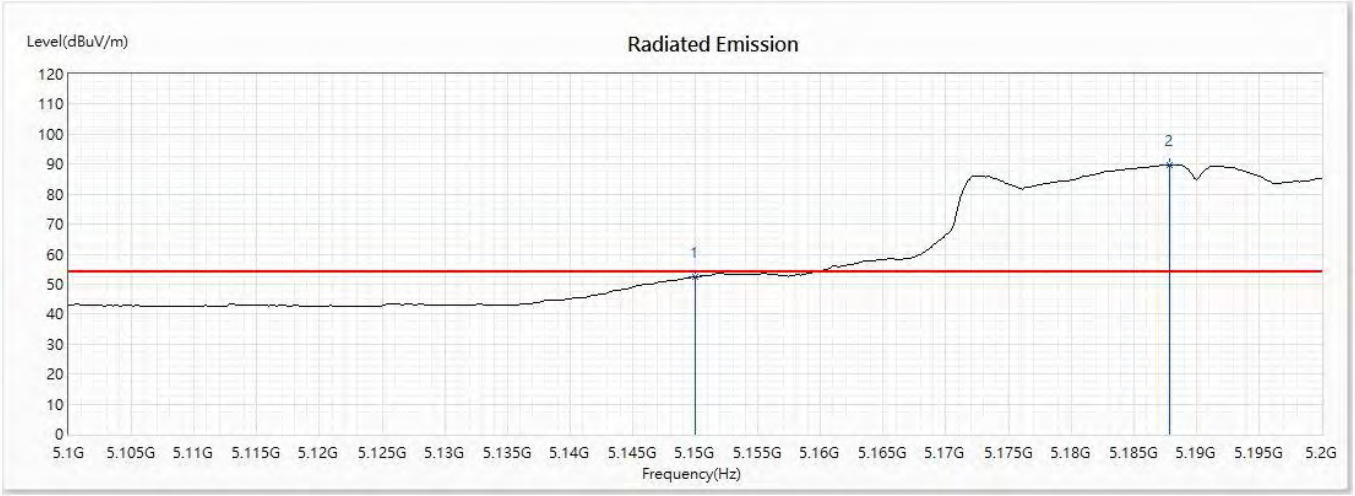
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5147.681	66.27	74.00	-7.73	59.67	6.60	PK
2	5150	66.08	74.00	-7.92	59.48	6.60	PK
! 3	5187.246	99.65	74.00	25.65	92.96	6.69	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 38 (5190MHz)

Horizontal



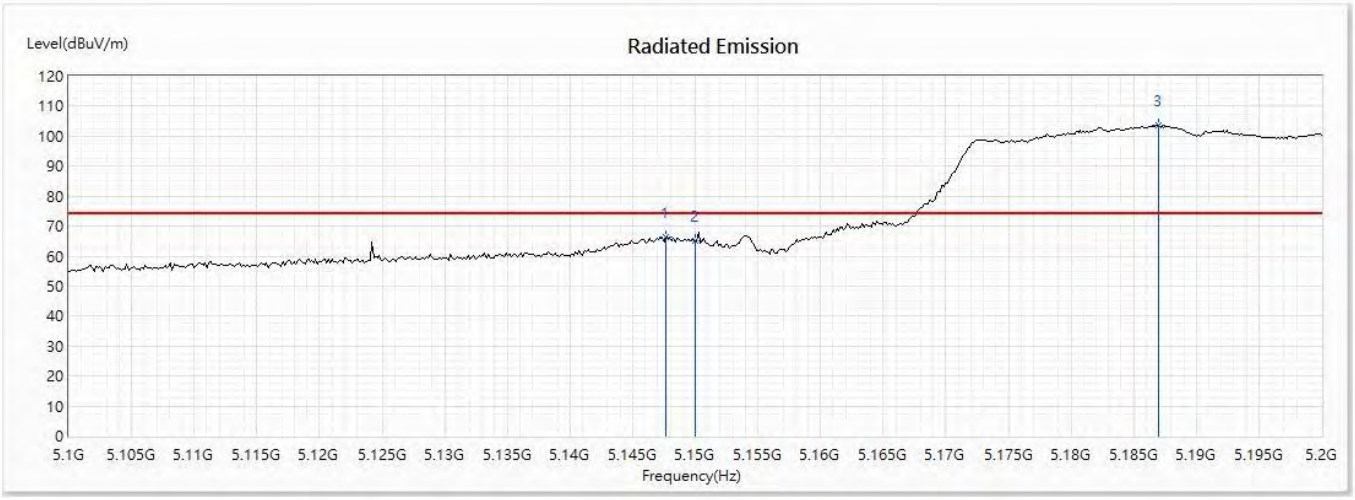
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5150	52.34	54.00	-1.66	45.74	6.60	AV
! 2	5187.826	89.83	54.00	35.83	83.14	6.69	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 38 (5190MHz)

Vertical



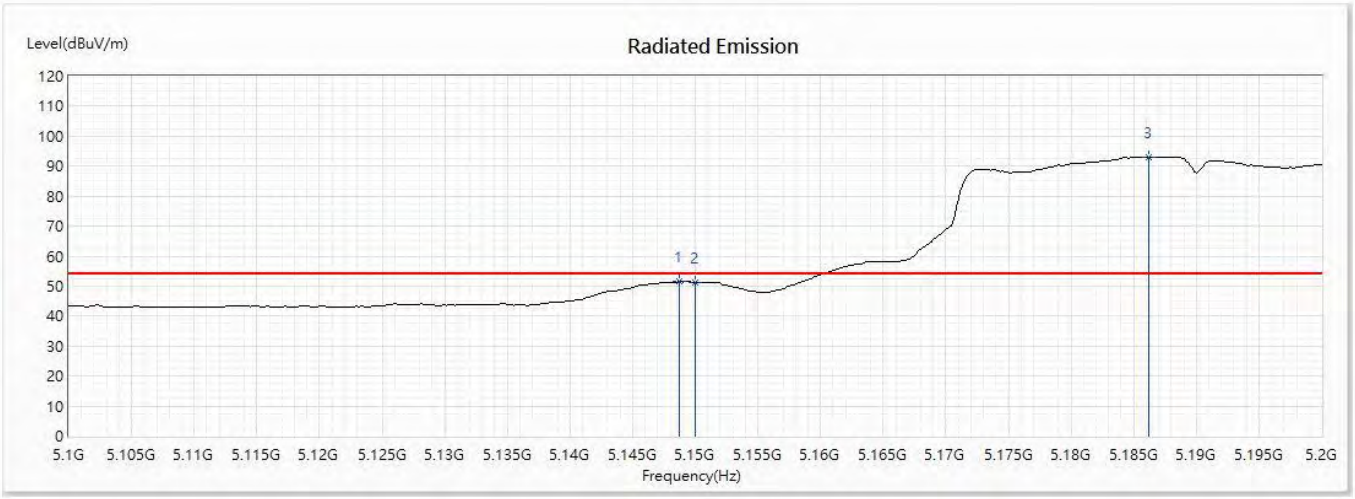
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5147.681	66.31	74.00	-7.69	59.71	6.60	PK
2	5150	65.01	74.00	-8.99	58.41	6.60	PK
! 3	5186.957	103.46	74.00	29.46	96.77	6.69	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 38 (5190MHz)

Vertical



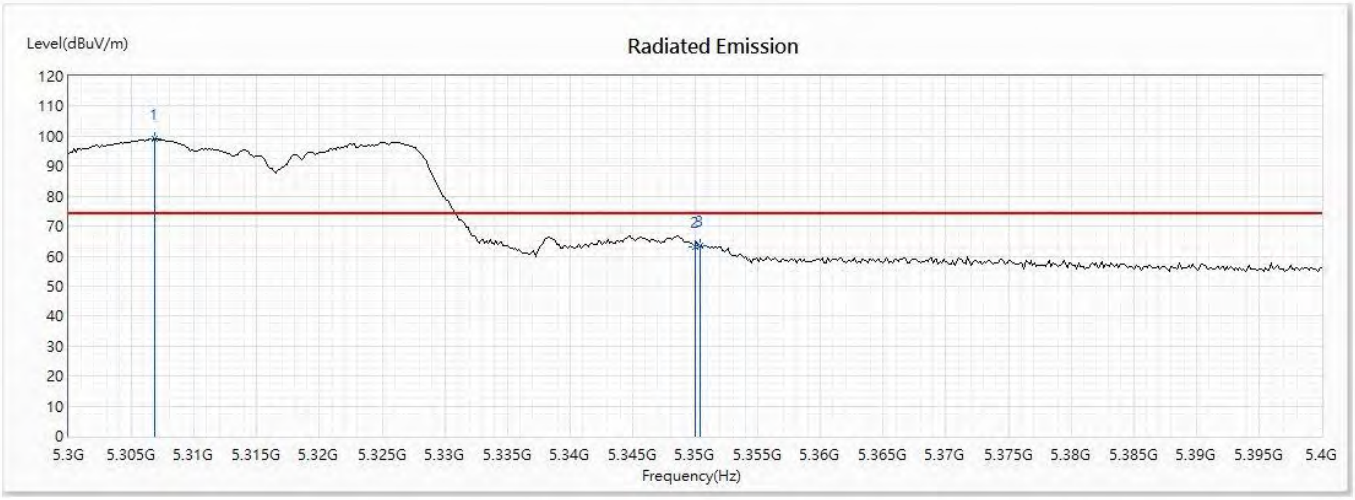
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5148.696	51.46	54.00	-2.54	44.86	6.60	AV
2	5150	51.07	54.00	-2.93	44.47	6.60	AV
! 3	5186.232	93.11	54.00	39.11	86.42	6.69	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 62 (5310MHz)

Horizontal



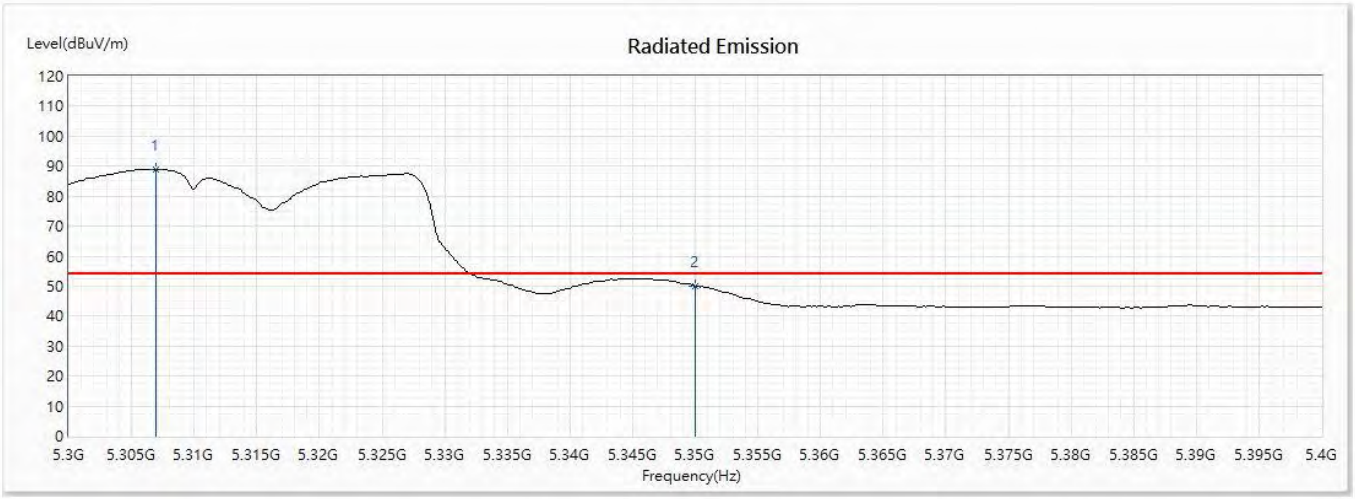
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5306.812	99.10	74.00	25.10	92.13	6.97	PK
2	5350	62.96	74.00	-11.04	55.91	7.05	PK
3	5350.435	63.59	74.00	-10.41	56.54	7.05	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 62 (5310MHz)

Horizontal



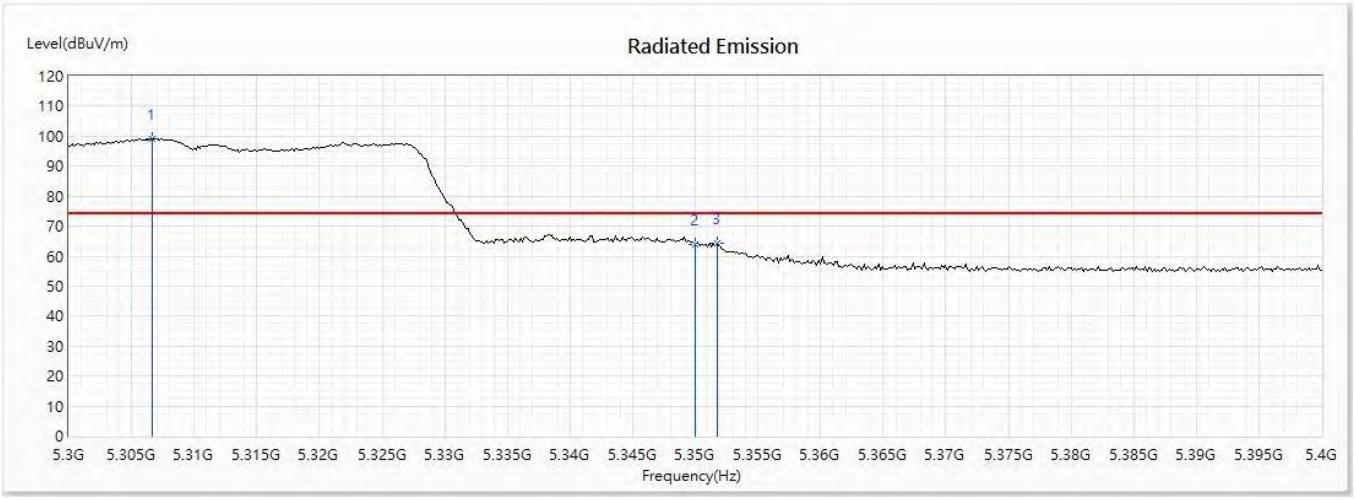
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5306.957	89.02	54.00	35.02	82.05	6.97	AV
2	5350	49.94	54.00	-4.06	42.89	7.05	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 62 (5310MHz)

Vertical



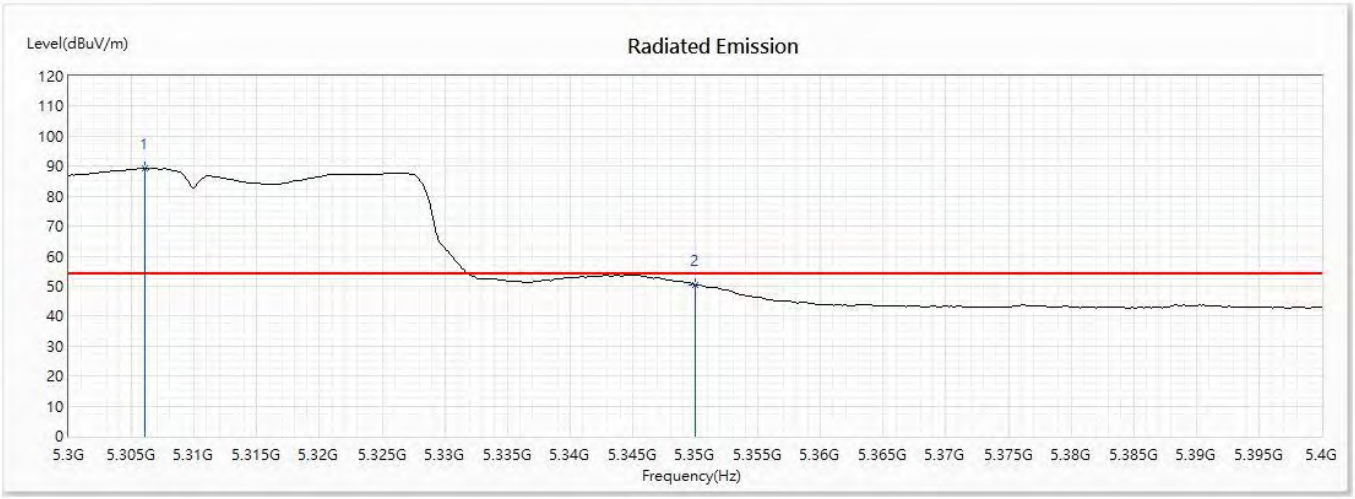
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5306.667	99.30	74.00	25.30	92.33	6.97	PK
2	5350	64.02	74.00	-9.98	56.97	7.05	PK
3	5351.739	64.18	74.00	-9.82	57.13	7.05	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 62 (5310MHz)

Vertical



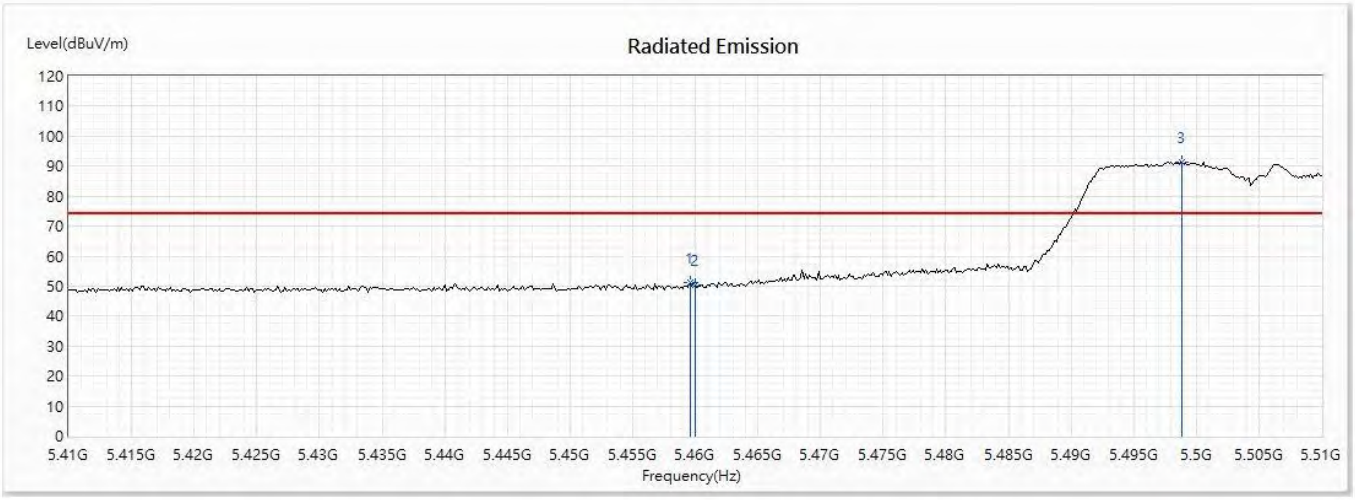
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5306.087	89.37	54.00	35.37	82.41	6.96	AV
2	5350	50.28	54.00	-3.72	43.23	7.05	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 102 (5510MHz)

Horizontal



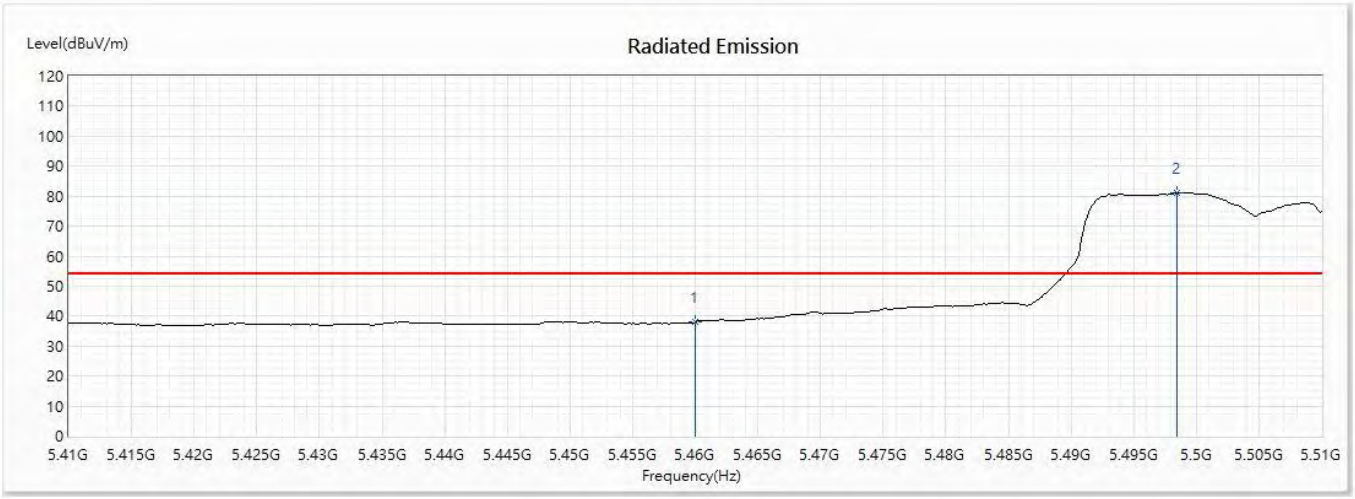
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5459.565	51.32	74.00	-22.68	44.05	7.27	PK
2	5460	50.18	74.00	-23.82	42.91	7.27	PK
! 3	5498.841	91.42	74.00	17.42	84.07	7.35	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 102 (5510MHz)

Horizontal



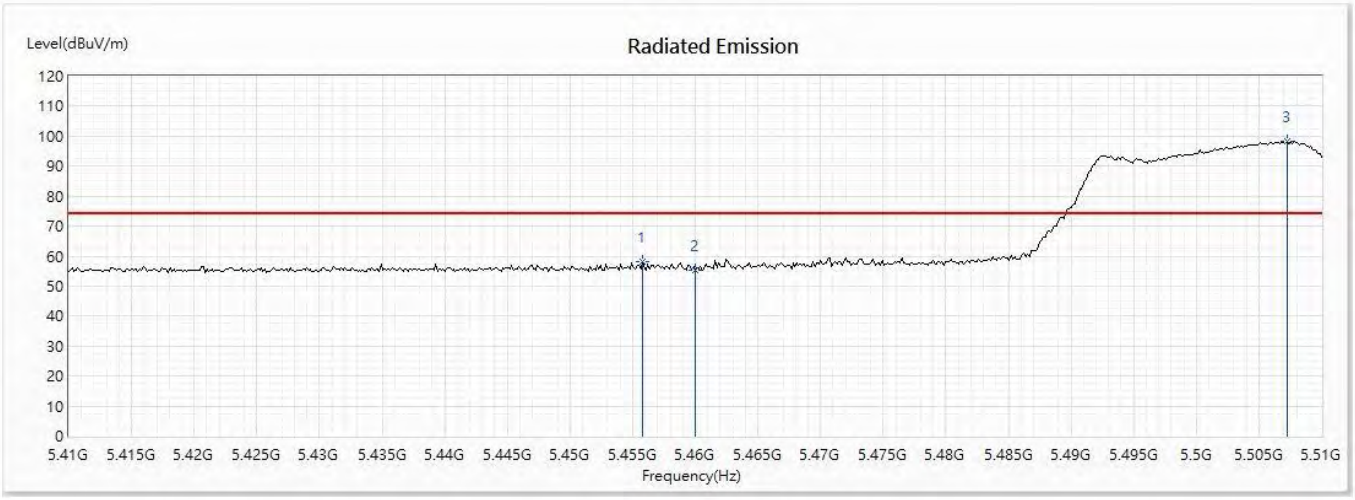
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5460	38.18	54.00	-15.82	30.91	7.27	AV
! 2	5498.406	81.22	54.00	27.22	73.87	7.35	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 102 (5510MHz)

Vertical



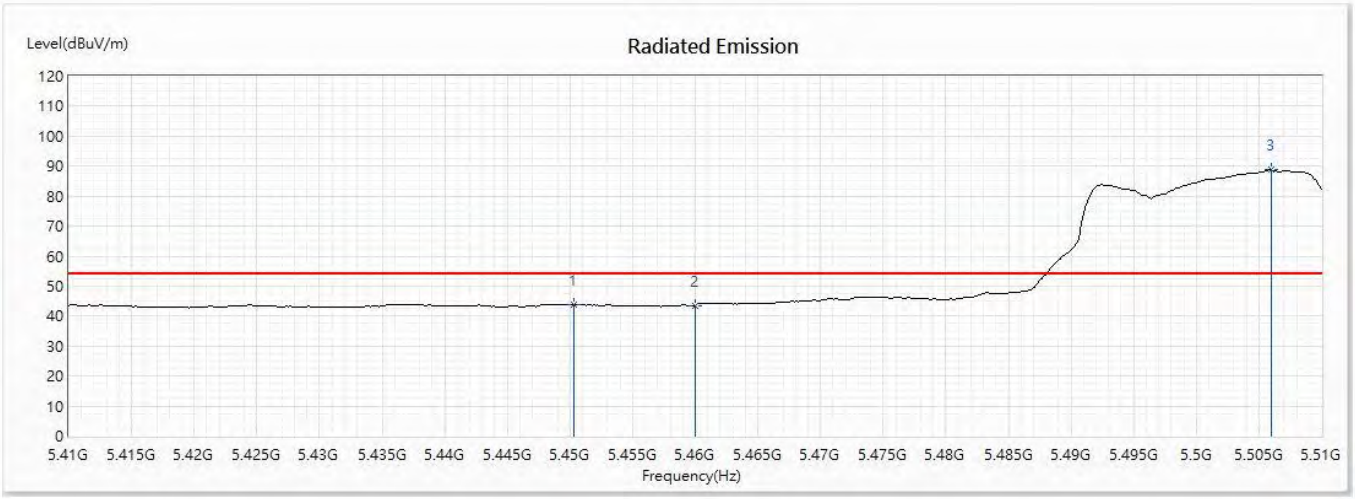
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5455.797	58.09	74.00	-15.91	50.83	7.26	PK
2	5460	55.11	74.00	-18.89	47.84	7.27	PK
! 3	5507.246	98.37	74.00	24.37	91.00	7.37	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 102 (5510MHz)

Vertical



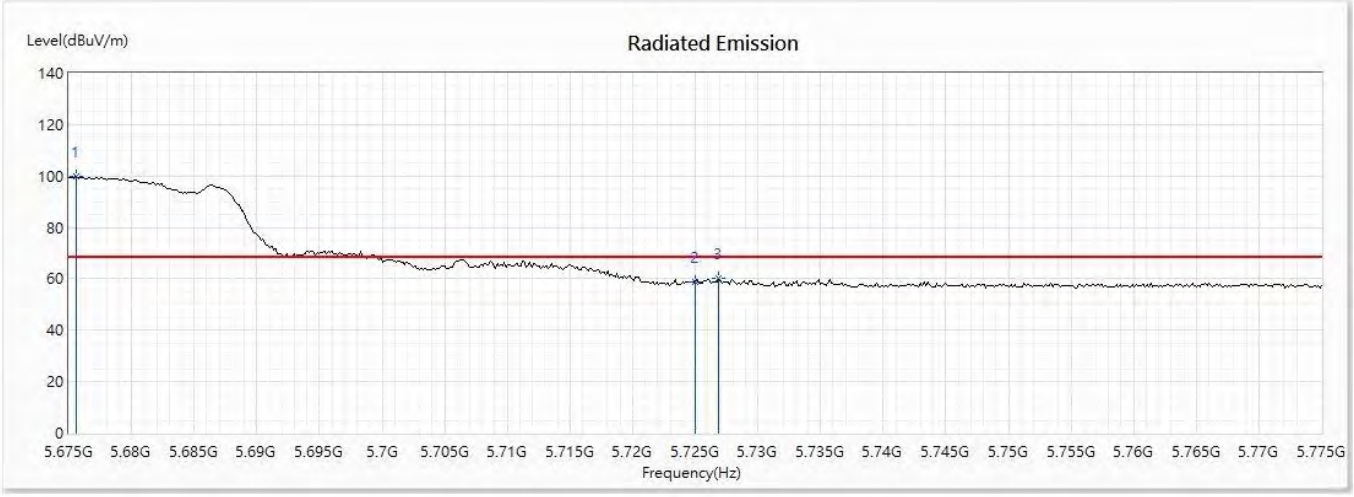
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5450.29	43.93	54.00	-10.07	36.68	7.25	AV
2	5460	43.58	54.00	-10.42	36.31	7.27	AV
! 3	5505.942	88.74	54.00	34.74	81.37	7.37	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 134 (5670MHz)

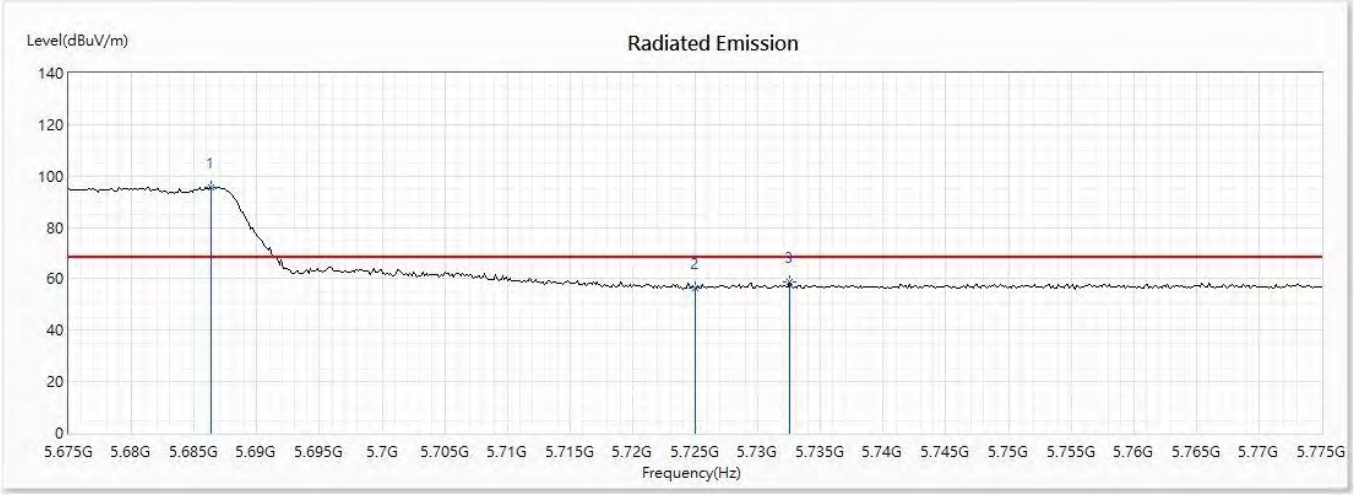
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5675.58	99.65	68.22	31.43	91.85	7.80	PK
2	5725	58.79	68.22	-9.43	50.88	7.91	PK
3	5726.884	60.36	68.22	-7.86	52.43	7.93	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 134 (5670MHz)

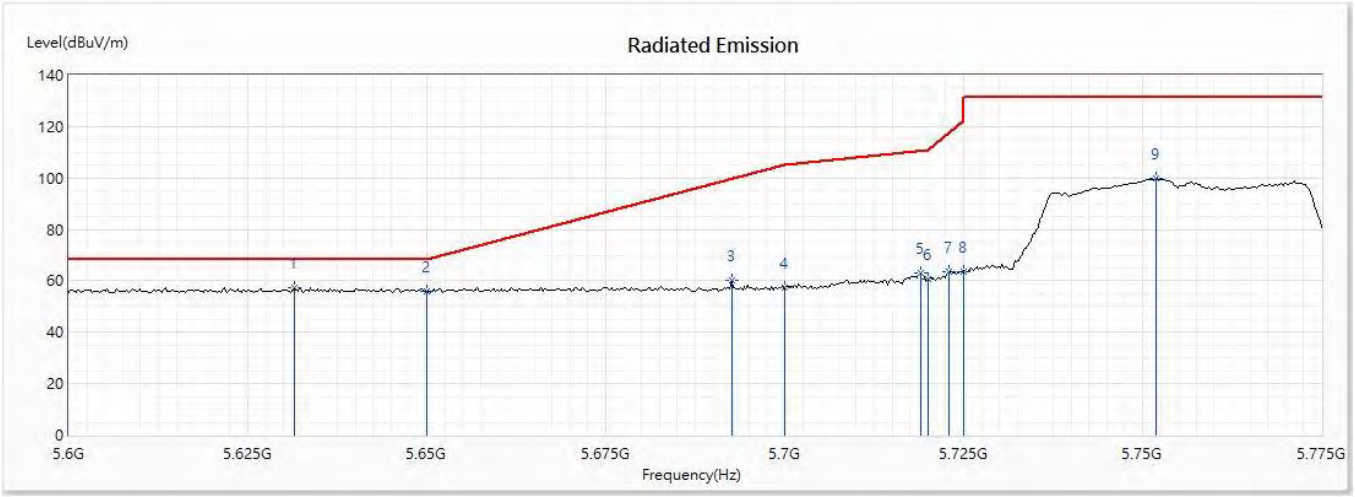
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5686.304	95.63	68.22	27.41	87.81	7.82	PK
2	5725	56.49	68.22	-11.73	48.58	7.91	PK
3	5732.536	58.79	68.22	-9.43	50.85	7.94	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 151 (5755MHz)

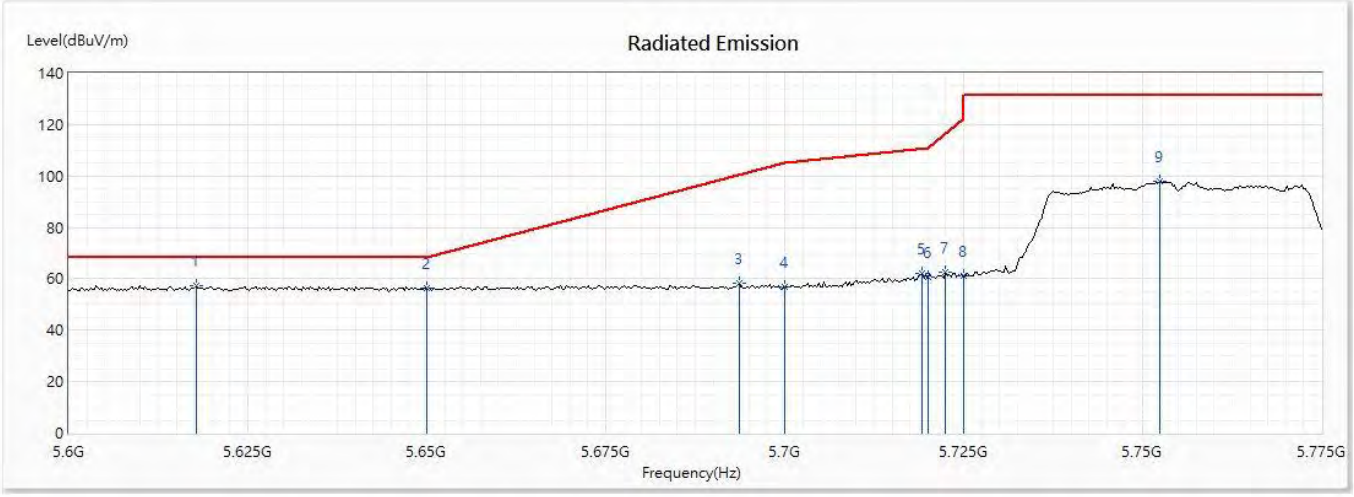
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5631.449	57.27	68.22	-10.95	49.59	7.68	PK
2	5650	55.99	68.22	-12.23	48.26	7.73	PK
3	5692.572	60.11	99.73	-39.62	52.28	7.83	PK
4	5700	57.25	105.20	-47.95	49.39	7.86	PK
5	5718.949	63.08	110.51	-47.43	55.18	7.90	PK
6	5720	60.52	110.80	-50.28	52.62	7.90	PK
7	5723.007	63.75	117.66	-53.91	55.84	7.91	PK
8	5725	63.71	122.20	-58.49	55.80	7.91	PK
9	5751.92	100.00	131.20	-31.20	92.03	7.97	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 151 (5755MHz)

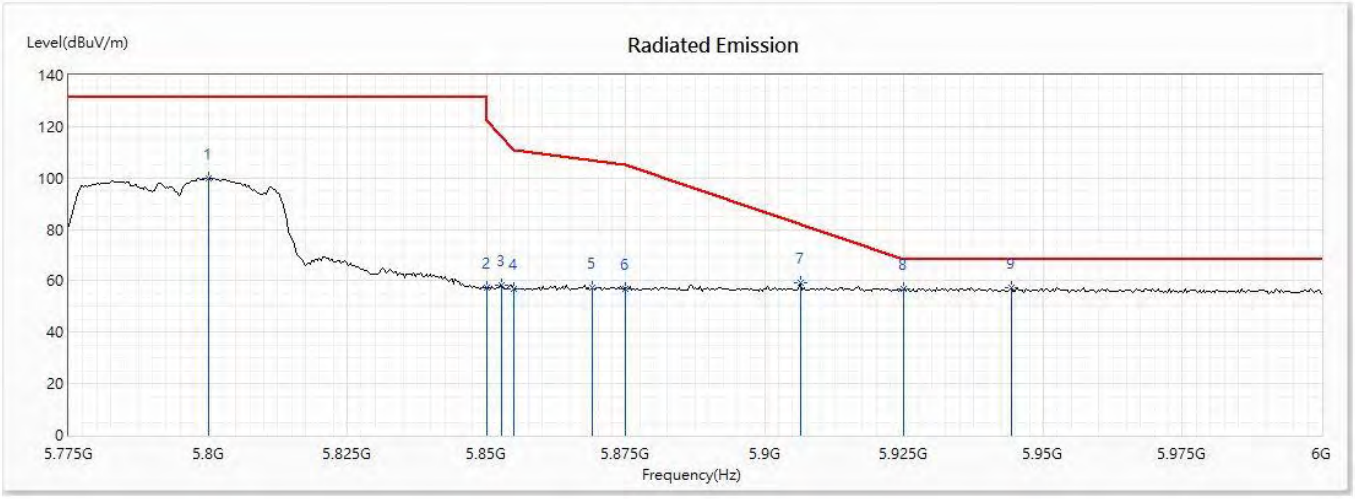
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5617.754	57.21	68.22	-11.01	49.57	7.64	PK
2	5650	56.21	68.22	-12.01	48.48	7.73	PK
3	5693.587	58.33	100.48	-42.15	50.50	7.83	PK
4	5700	56.71	105.20	-48.49	48.85	7.86	PK
5	5719.203	62.32	110.58	-48.26	54.42	7.90	PK
6	5720	60.51	110.80	-50.29	52.61	7.90	PK
7	5722.5	62.39	116.50	-54.12	54.48	7.91	PK
8	5725	60.98	122.20	-61.22	53.07	7.91	PK
9	5752.428	97.81	131.20	-33.39	89.84	7.97	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 159 (5795MHz)

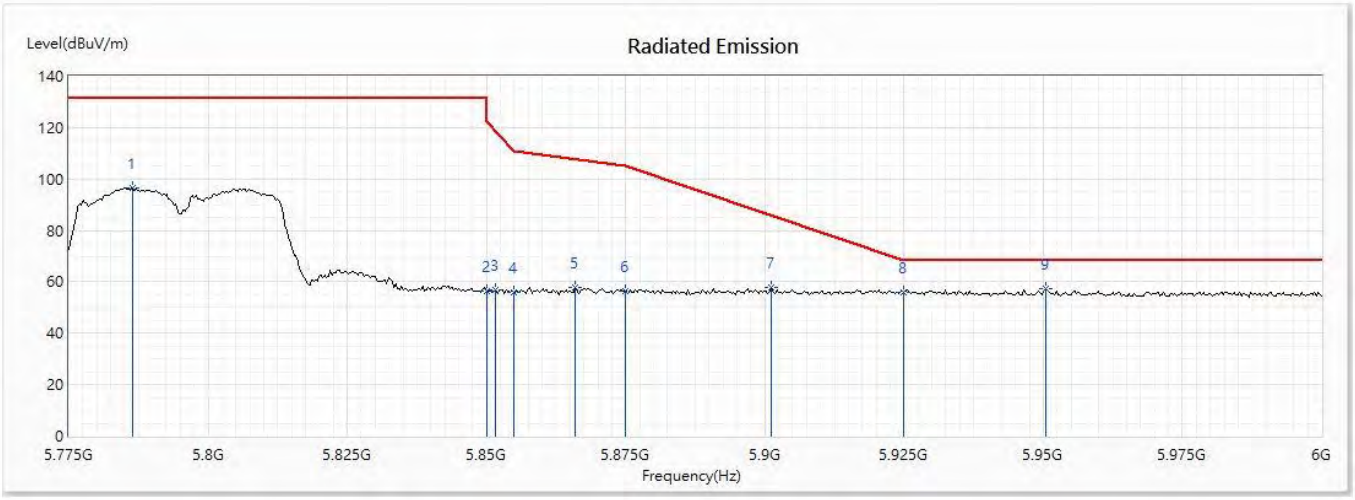
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5800.109	99.87	131.20	-31.33	92.07	7.80	PK
2	5850	57.47	122.20	-64.73	49.85	7.62	PK
3	5852.609	58.18	116.25	-58.07	50.58	7.60	PK
4	5855	56.79	110.80	-54.01	49.19	7.60	PK
5	5868.913	57.54	106.90	-49.36	49.99	7.55	PK
6	5875	57.00	105.20	-48.20	49.48	7.52	PK
7	5906.413	59.30	81.92	-22.61	51.88	7.42	PK
8	5925	56.74	68.20	-11.46	49.39	7.35	PK
* 9	5944.239	57.31	68.20	-10.89	50.04	7.27	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 3:802.11ac40-Channel 159 (5795MHz)

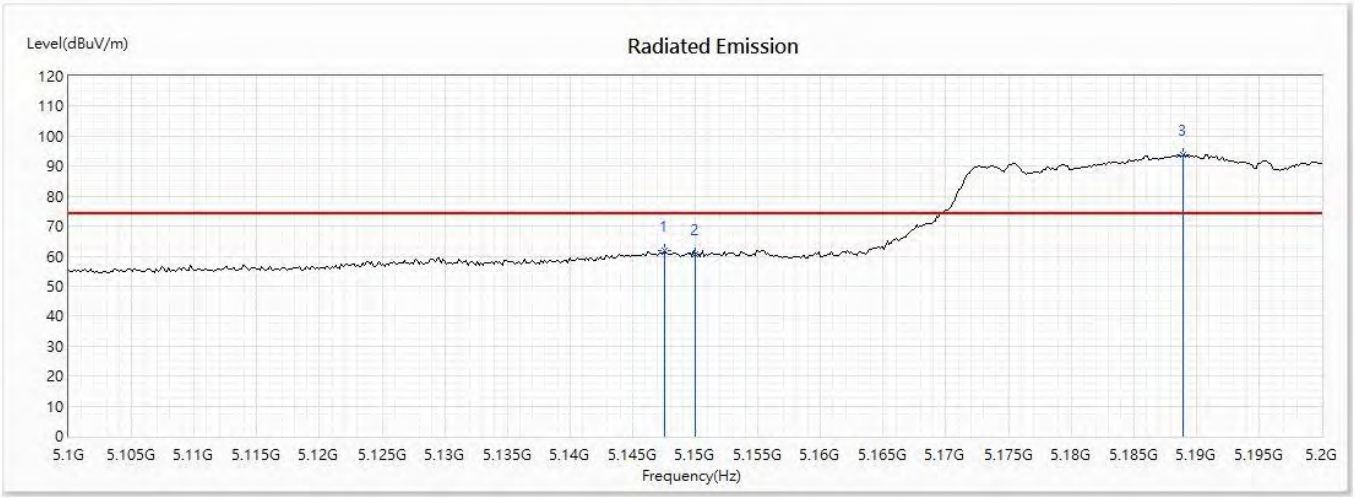
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5786.413	96.57	131.20	-34.63	88.72	7.85	PK
2	5850	56.15	122.20	-66.05	48.53	7.62	PK
3	5851.63	57.07	118.48	-61.41	49.46	7.61	PK
4	5855	55.83	110.80	-54.97	48.23	7.60	PK
5	5865.978	57.72	107.72	-50.00	50.16	7.56	PK
6	5875	56.32	105.20	-48.88	48.80	7.52	PK
7	5901.196	57.62	85.78	-28.15	50.19	7.43	PK
8	5925	56.13	68.20	-12.07	48.78	7.35	PK
* 9	5950.435	57.25	68.20	-10.95	50.00	7.25	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 42 (5210MHz)

Horizontal



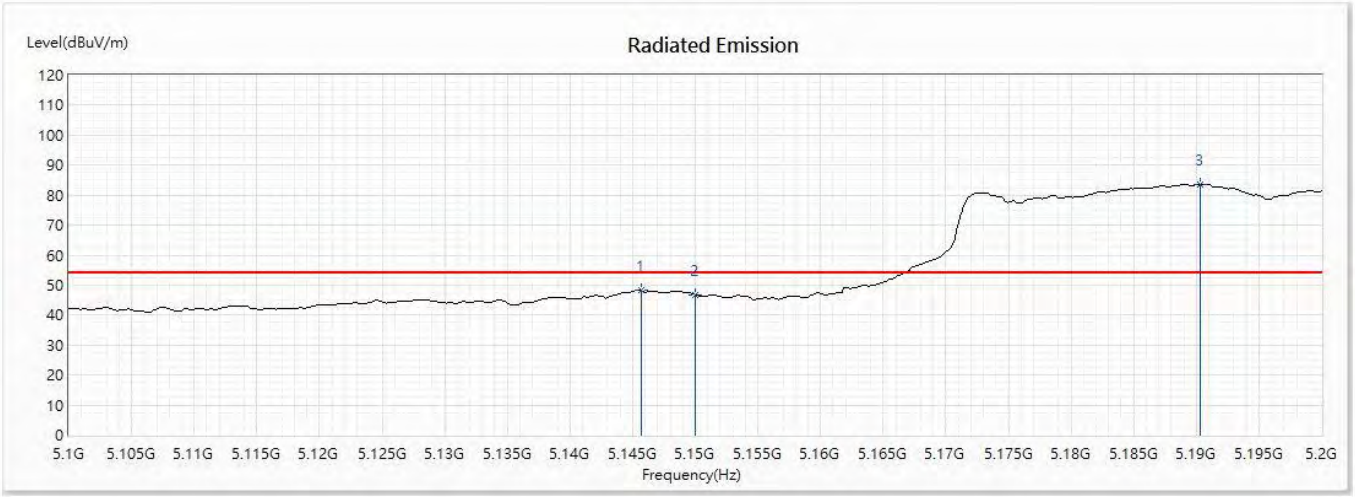
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5147.536	61.71	74.00	-12.29	55.11	6.60	PK
2	5150	60.54	74.00	-13.46	53.94	6.60	PK
! 3	5188.986	93.64	74.00	19.64	86.95	6.69	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 42 (5210MHz)

Horizontal



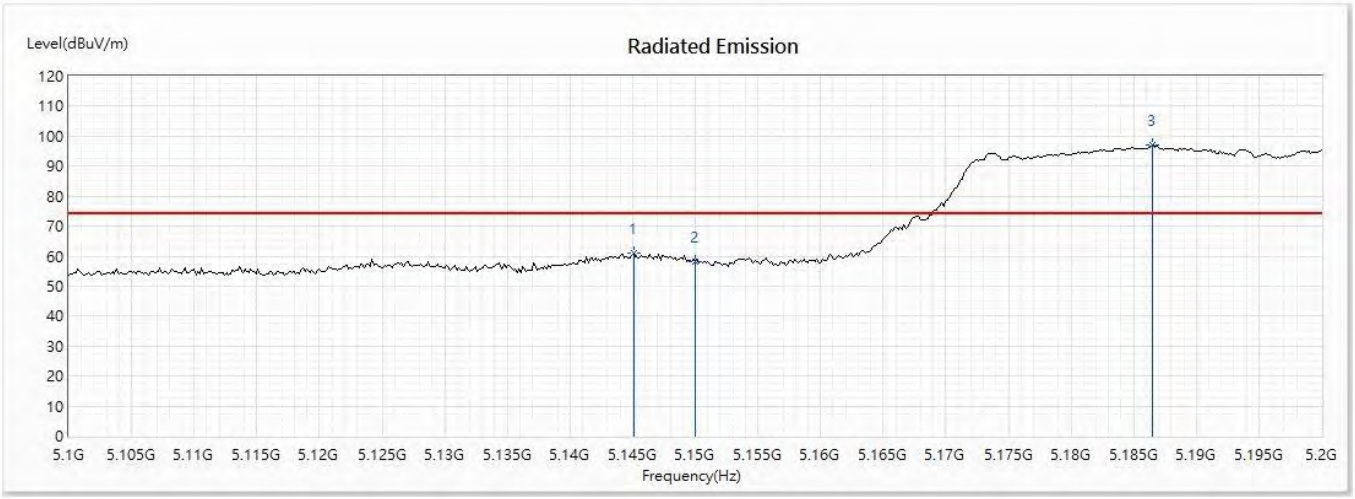
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5145.652	48.14	54.00	-5.86	41.56	6.58	AV
2	5150	46.78	54.00	-7.22	40.18	6.60	AV
! 3	5190.29	83.50	54.00	29.50	76.80	6.70	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 42 (5210MHz)

Vertical



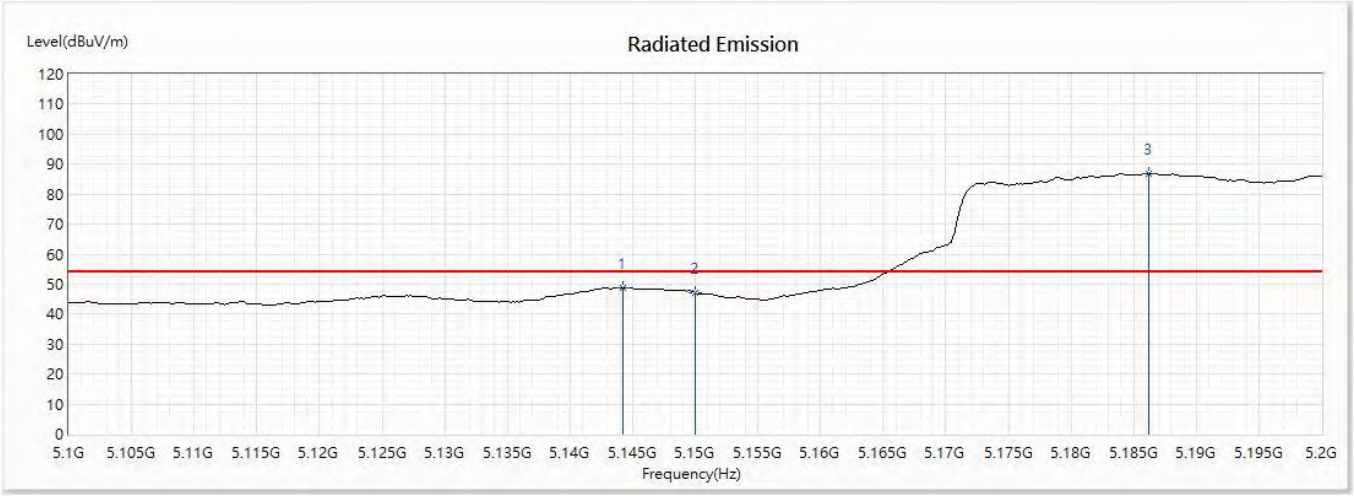
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5145.072	60.94	74.00	-13.06	54.36	6.58	PK
2	5150	58.09	74.00	-15.91	51.49	6.60	PK
! 3	5186.522	96.94	74.00	22.94	90.25	6.69	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 42 (5210MHz)

Vertical



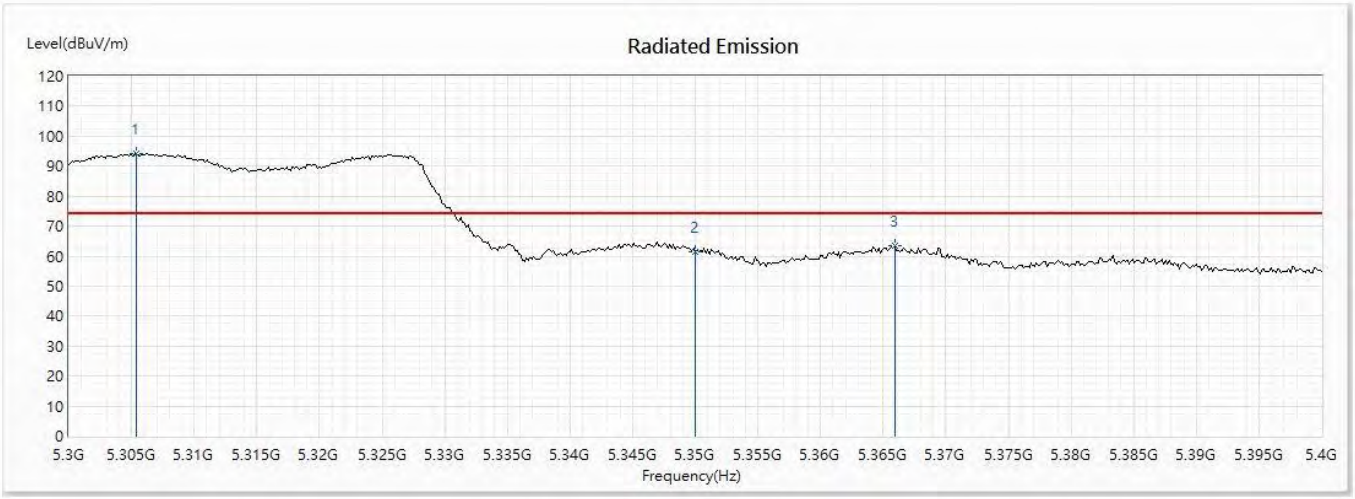
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5144.203	48.91	54.00	-5.09	42.33	6.58	AV
2	5150	47.05	54.00	-6.95	40.45	6.60	AV
! 3	5186.232	86.94	54.00	32.94	80.25	6.69	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 58 (5290MHz)

Horizontal



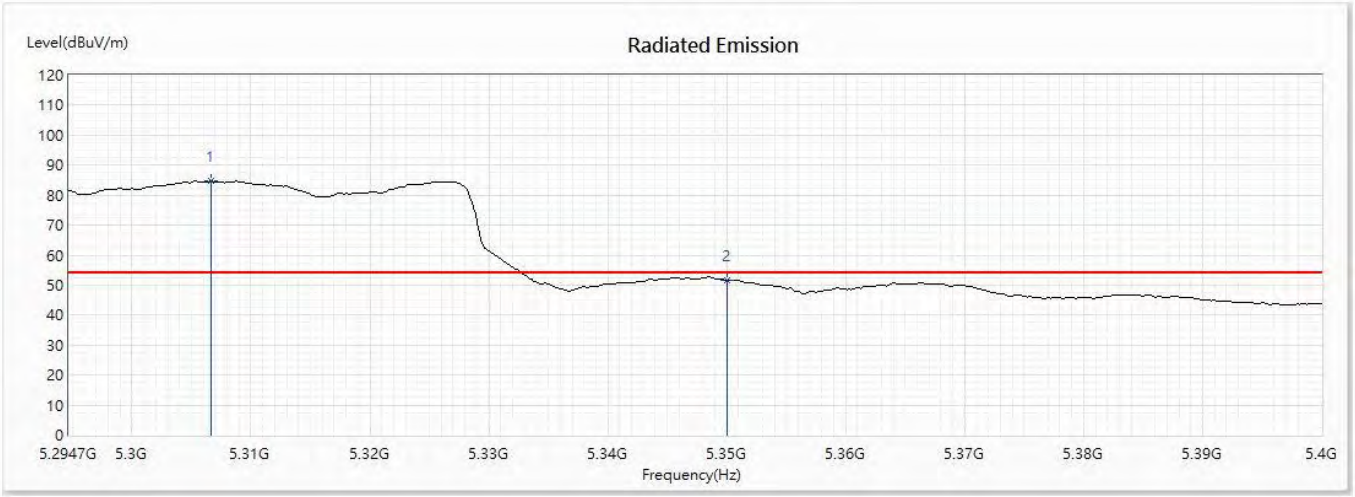
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5305.362	94.26	74.00	20.26	87.30	6.96	PK
2	5350	61.56	74.00	-12.44	54.51	7.05	PK
3	5365.942	63.61	74.00	-10.39	56.53	7.08	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 58 (5290MHz)

Horizontal



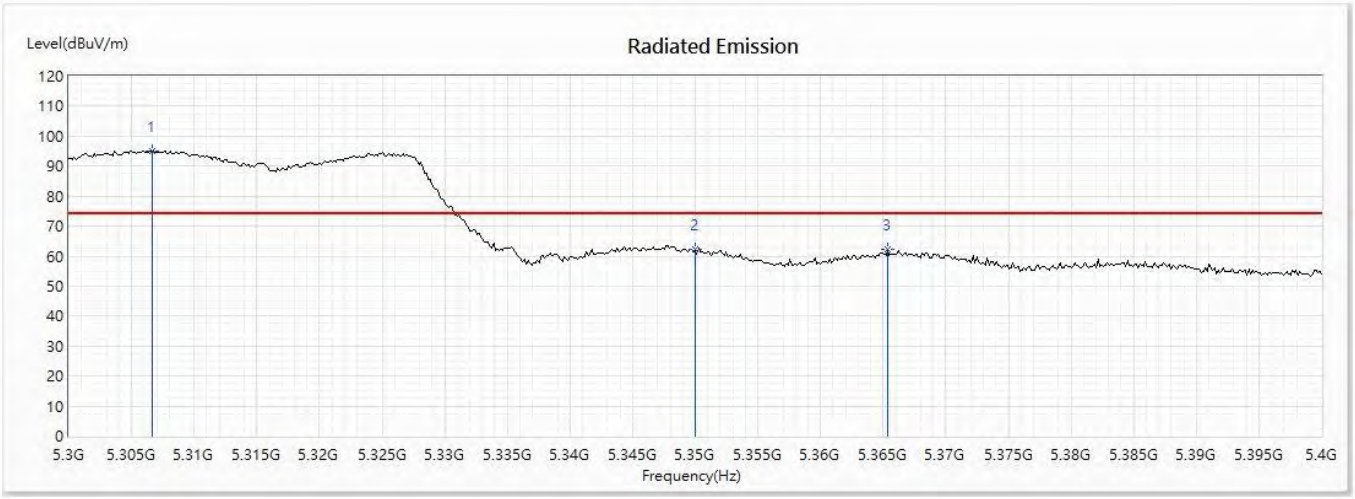
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5306.603	84.67	54.00	30.67	77.70	6.97	AV
2	5350	51.64	54.00	-2.36	44.59	7.05	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 58 (5290MHz)

Vertical



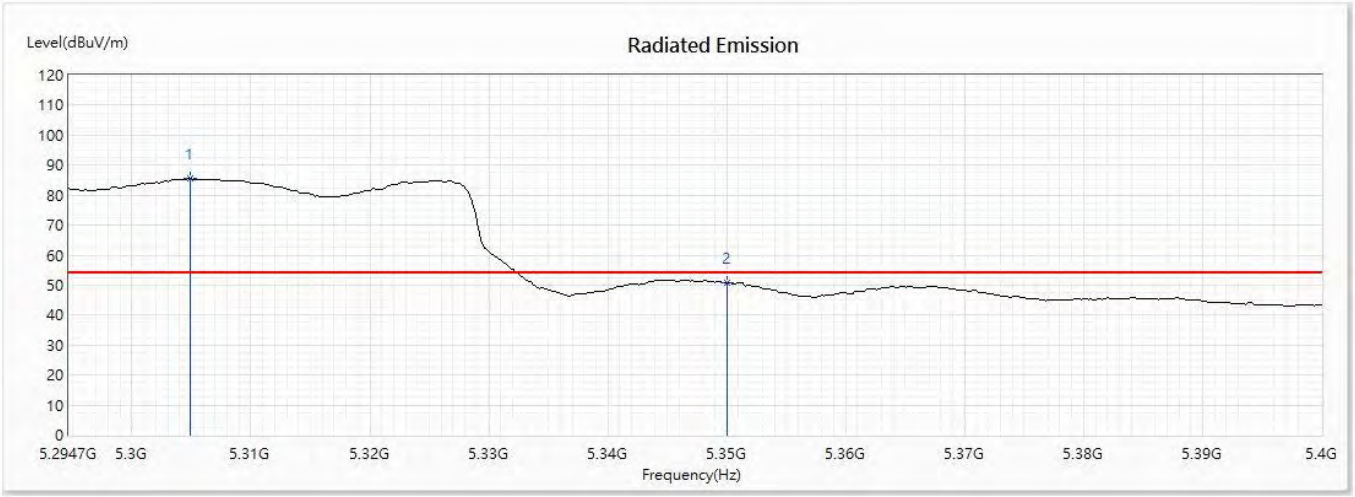
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5306.667	95.16	74.00	21.16	88.19	6.97	PK
2	5350	62.30	74.00	-11.70	55.25	7.05	PK
3	5365.362	62.44	74.00	-11.56	55.36	7.08	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 58 (5290MHz)

Vertical



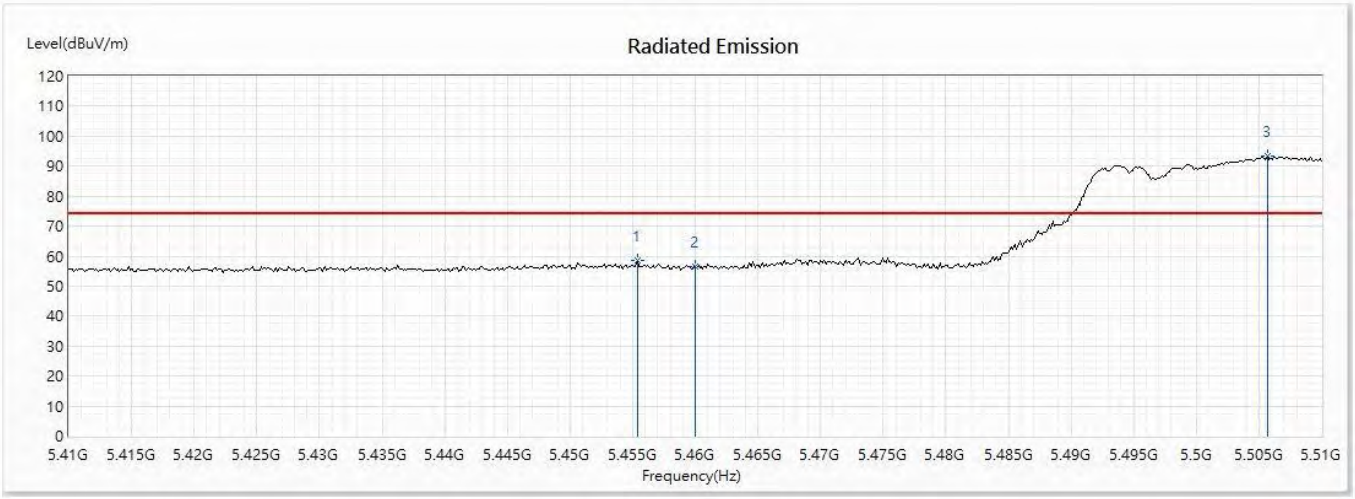
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
! 1	5304.925	85.42	54.00	31.42	78.46	6.96	AV
2	5350	50.79	54.00	-3.21	43.74	7.05	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 106 (5530MHz)

Horizontal



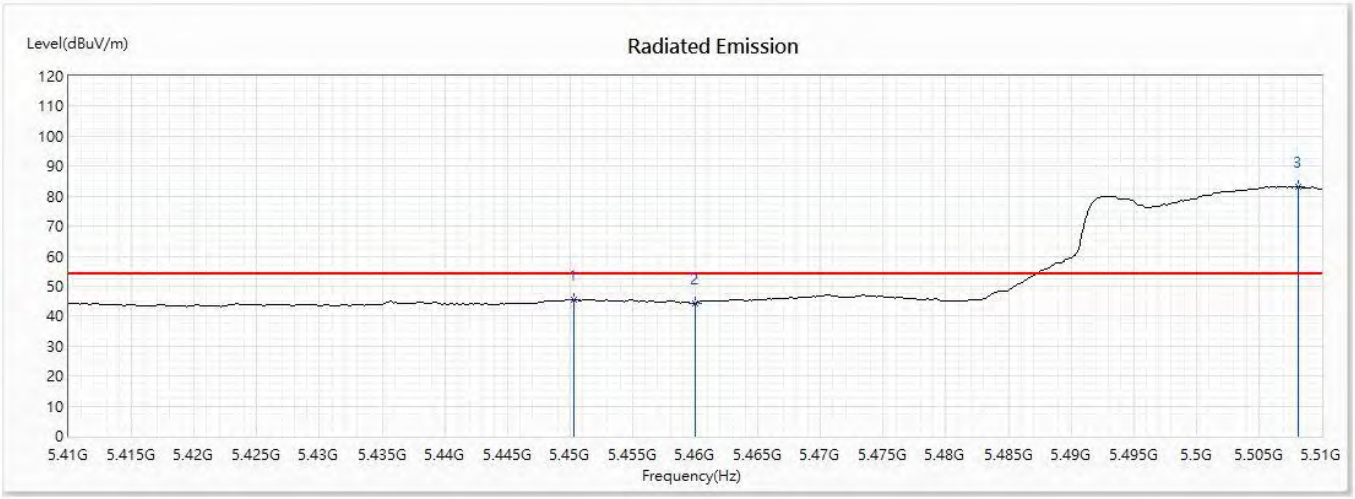
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5455.362	58.54	74.00	-15.46	51.28	7.26	PK
2	5460	56.44	74.00	-17.56	49.17	7.27	PK
! 3	5505.652	93.18	74.00	19.18	85.81	7.37	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 106 (5530MHz)

Horizontal



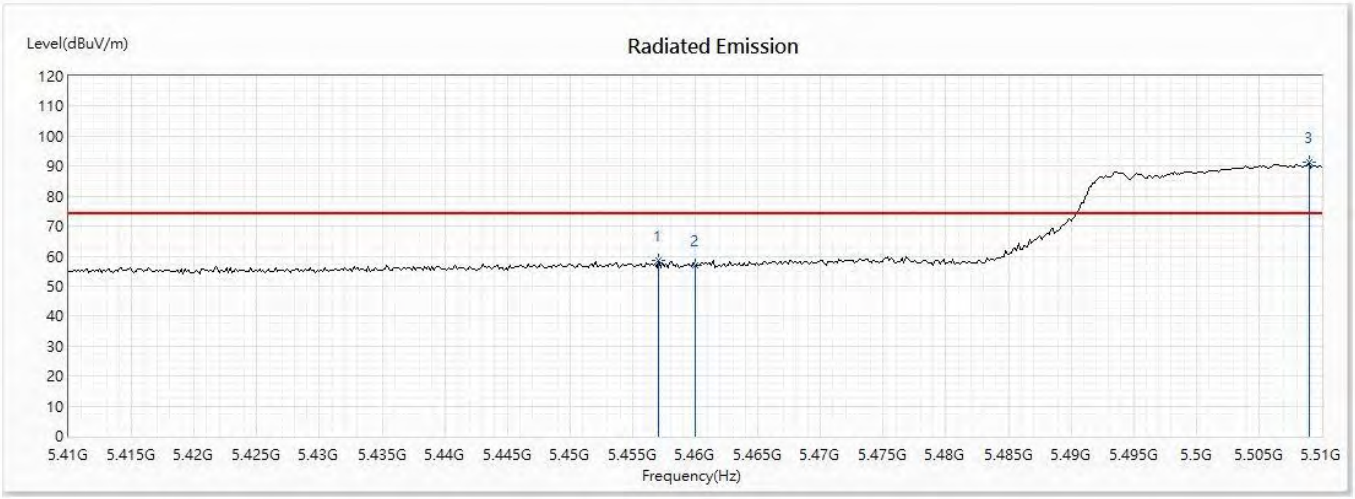
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5450.29	45.63	54.00	-8.37	38.38	7.25	AV
2	5460	44.37	54.00	-9.63	37.10	7.27	AV
! 3	5508.116	83.20	54.00	29.20	75.83	7.37	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 106 (5530MHz)

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5457.101	58.58	74.00	-15.42	51.31	7.27	PK
2	5460	57.07	74.00	-16.93	49.80	7.27	PK
! 3	5508.986	91.43	74.00	17.43	84.06	7.37	PK

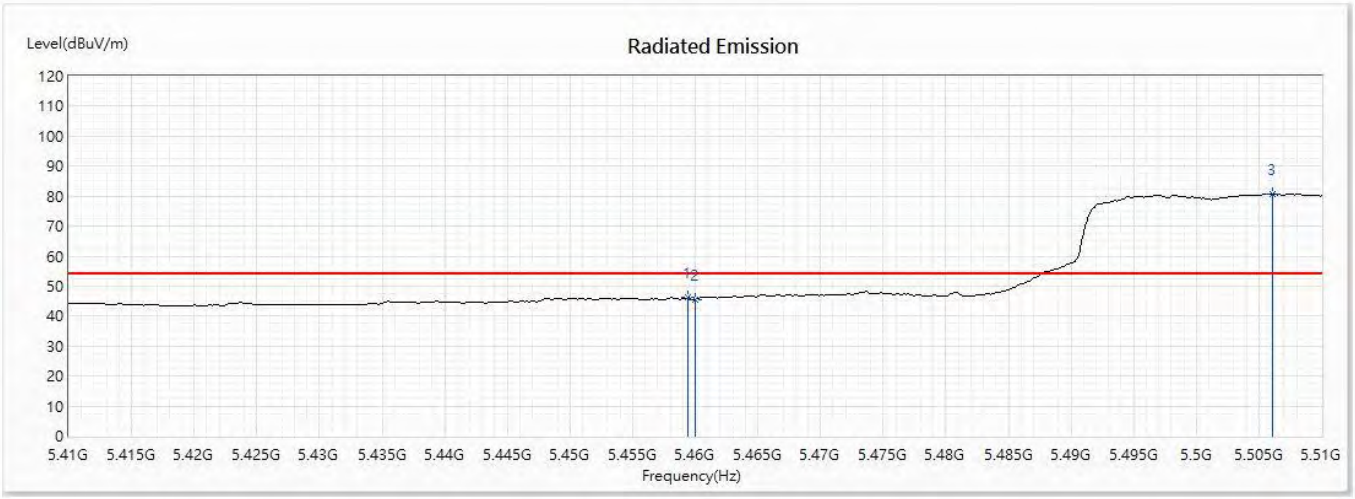
Remark:

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 106 (5530MHz)

Vertical



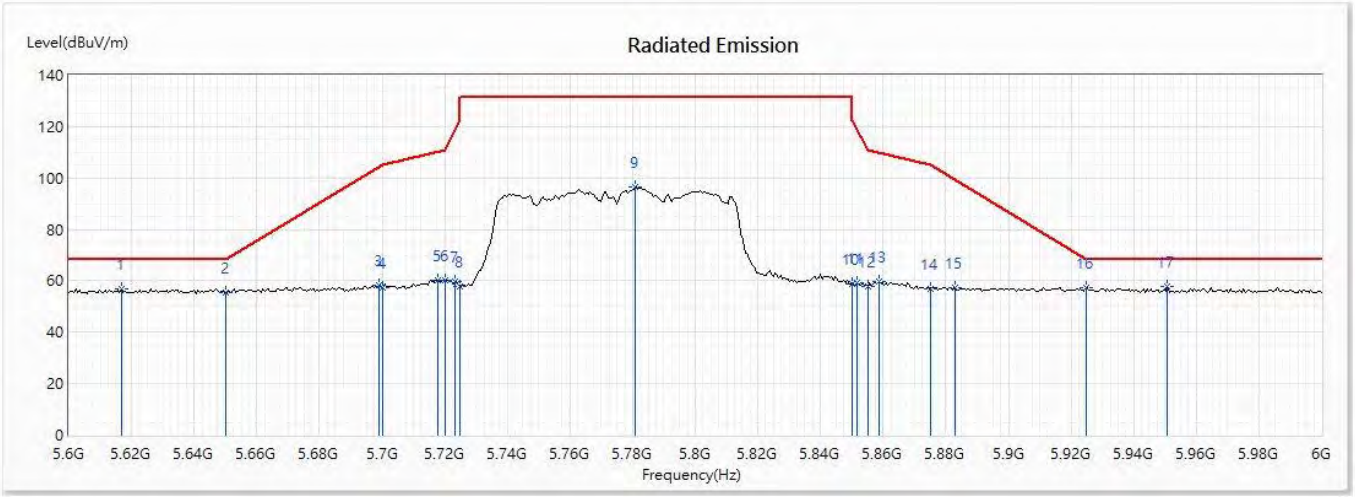
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5459.42	46.16	54.00	-7.84	38.89	7.27	AV
2	5460	45.29	54.00	-8.71	38.02	7.27	AV
! 3	5506.087	80.77	54.00	26.77	73.40	7.37	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 155 (5775MHz)

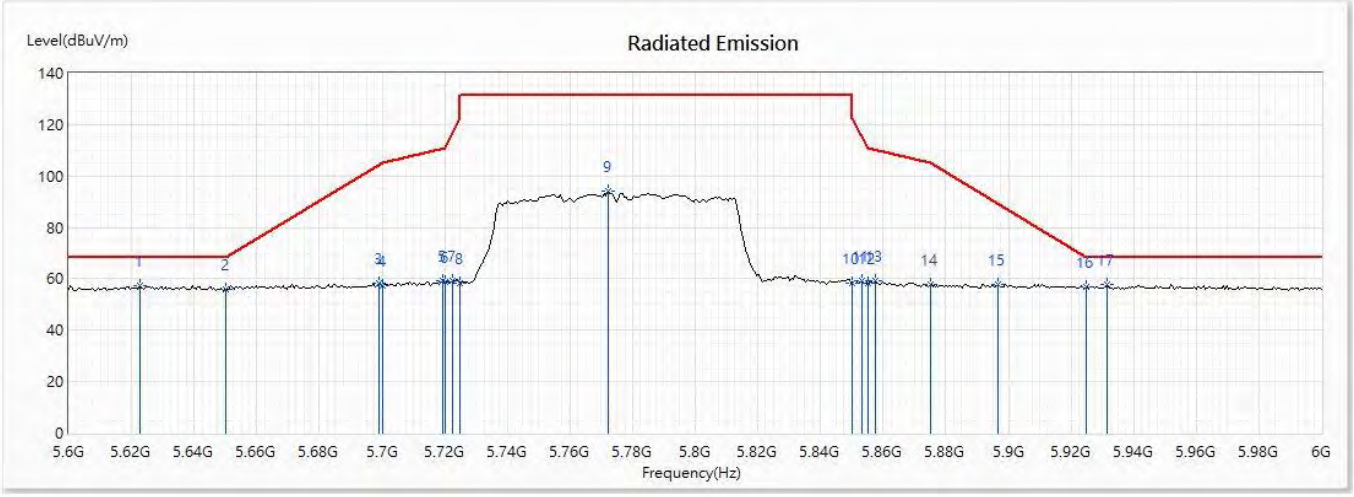
Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5616.812	56.93	68.22	-11.29	49.29	7.64	PK
2	5650	55.43	68.22	-12.79	47.70	7.73	PK
3	5699.13	58.21	104.56	-46.35	50.36	7.85	PK
4	5700	57.44	105.20	-47.76	49.58	7.86	PK
5	5717.681	60.06	110.15	-50.09	52.17	7.89	PK
6	5720	60.08	110.80	-50.72	52.18	7.90	PK
7	5723.478	59.90	118.73	-58.83	51.99	7.91	PK
8	5725	57.88	122.20	-64.32	49.97	7.91	PK
9	5780.87	96.47	131.20	-34.73	88.60	7.87	PK
10	5850	58.66	122.20	-63.54	51.04	7.62	PK
11	5851.594	59.41	118.56	-59.15	51.80	7.61	PK
12	5855	57.76	110.80	-53.04	50.16	7.60	PK
13	5858.551	59.82	109.80	-49.99	52.23	7.59	PK
14	5875	57.07	105.20	-48.13	49.55	7.52	PK
15	5882.899	57.39	99.33	-41.94	49.89	7.50	PK
16	5925	57.24	68.20	-10.96	49.89	7.35	PK
* 17	5950.725	57.69	68.20	-10.51	50.44	7.25	PK

Product : LTE SOM Module
Test Item : Band Edge Data
Test Date : 2020/04/17
Test Mode : Mode 4:802.11ac-80 -Channel 155 (5775MHz)

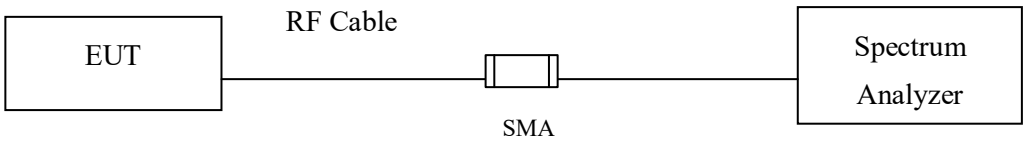
Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5622.609	57.34	68.22	-10.88	49.68	7.66	PK
2	5650	55.81	68.22	-12.41	48.08	7.73	PK
3	5699.13	58.26	104.56	-46.30	50.41	7.85	PK
4	5700	57.19	105.20	-48.01	49.33	7.86	PK
5	5719.42	59.13	110.64	-51.51	51.23	7.90	PK
6	5720	58.84	110.80	-51.96	50.94	7.90	PK
7	5722.319	59.36	116.09	-56.73	51.45	7.91	PK
8	5725	58.37	122.20	-63.83	50.46	7.91	PK
9	5772.174	93.95	131.20	-37.25	86.06	7.89	PK
10	5850	58.44	122.20	-63.76	50.82	7.62	PK
11	5853.333	59.37	114.60	-55.23	51.77	7.60	PK
12	5855	58.28	110.80	-52.52	50.68	7.60	PK
13	5857.391	59.09	110.13	-51.04	51.50	7.59	PK
14	5875	57.69	105.20	-47.51	50.17	7.52	PK
15	5896.812	58.02	89.02	-31.00	50.57	7.45	PK
16	5925	56.93	68.20	-11.27	49.58	7.35	PK
* 17	5931.594	57.90	68.20	-10.30	50.59	7.31	PK

5. Duty Cycle

5.1. Test Setup



5.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to U-NII test procedure of KDB789033 for compliance to FCC 47CFR 15.407 requirements.

5.3. Uncertainty

± 2.31msec

5.4. Test Result of Duty Cycle

Product : LTE SOM Module
Test Item : Duty Cycle
Test Mode : Transmit

Duty Cycle Formula:

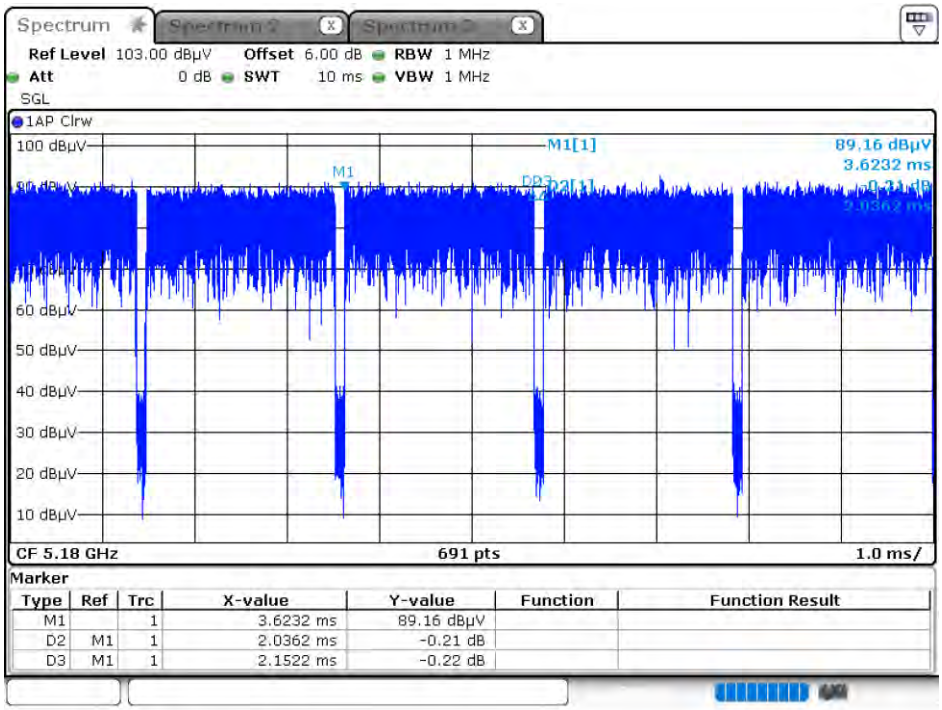
Duty Cycle = Ton / (Ton + Toff)

Duty Factor = 10 Log (1/Duty Cycle)

Results:

5GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11a	2.0362	2.1522	94.61	0.24
802.11ac20	1.9058	2.0217	94.27	0.26
802.11ac40	0.9058	1.0435	86.81	0.61
802.11ac80	0.4203	0.5362	78.38	1.06

802.11a



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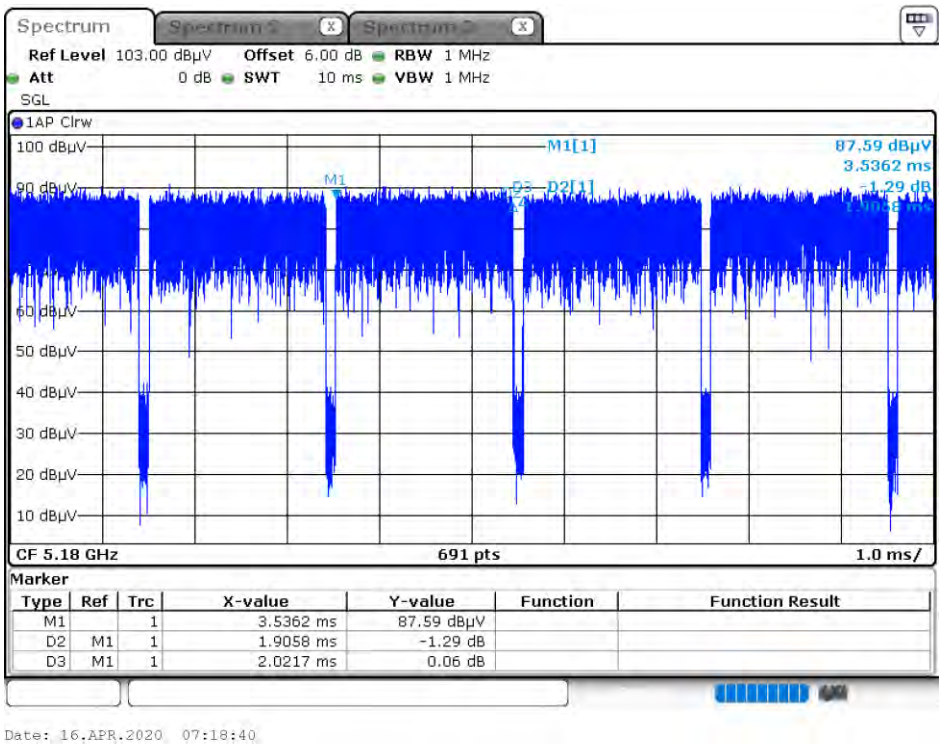

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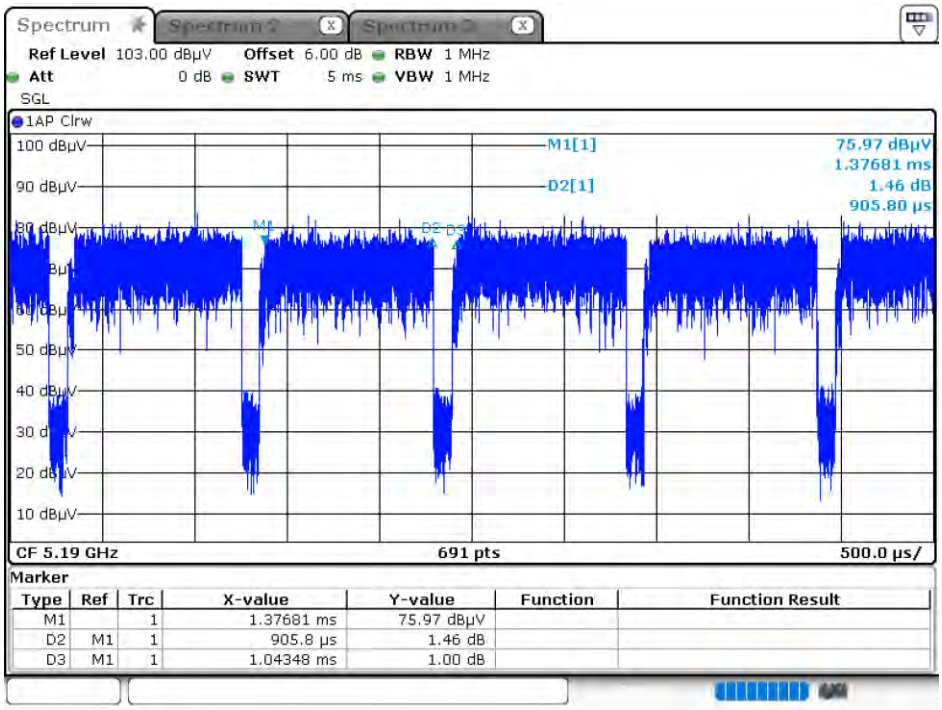

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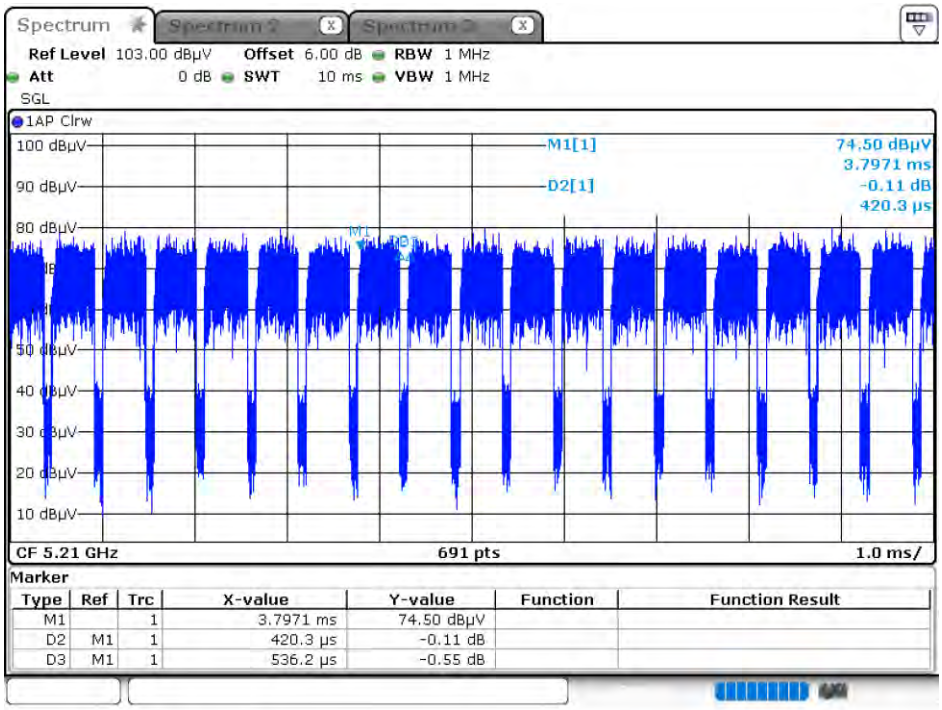
802.11ac80



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6. EMI Reduction Method During Compliance Testing

No modification was made during testing.