

Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5700MHz)

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No	Frequency	Emission Level Limit		Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11400	55.95	74.00	-18.05	40.86	15.09	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5700MHz)



No	Frequency	Emission Level Limit		Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11400	42.69	54.00	-11.31	27.60	15.09	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



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Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5700MHz)

Level(d	dBuV/m)							į	Radiate	d Emiss	ion								
80			TT LA	TETT				mpr	11111						ET THE	11.1111			HH	
70																				
60						1														
50						*														
40																				
20																				
50																				
20																				
10																				
0 1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G sy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40G
No	Fi	requer	псу	Emi	ssion l	_evel		Limit		Mar	rgin	Re	ading	Level	Сог	rrect F	actor	[Detect	or
		(MHz)	((dBuV/r	n)	(dl	BuV/m	ı)	(d	B)		(dBu	V)		(dB/n	n)		Туре	

Note:

* 1

11400

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

55.61

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-18.39

40.52

15.09

РΚ



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Test Mode	:	Mode 1:802.11a (5700MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11400	42.92	54.00	-11.08	27.83	15.09	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5720MHz)

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No	Frequency	Emission Level Limit		Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11440	56.91	74.00	-17.09	41.75	15.16	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5720MHz)



No	Frequency	Emission Level Limit		Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11440	43.82	54.00	-10.18	28.66	15.16	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5720MHz)

Level(d	dBuV/m)							į	Radiate	d Emiss	ion								
80			11124					nnnn	11111							11111	101111			TT
70																				
60						1														
50																				
40																				
30																				
20																				
10																				
0																				1
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G sy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	4
С	Fi	requer	псу	Emi	ssion l	_evel		Limit		Mar	rgin	Re	ading	Level	Cor	rrect F	actor	[Detect	or
		(MHz)	((dBuV/r	n)	(dE	BuV/m	1)	(d	B)		(dBu'	V)		(dB/n	n)		Туре	

Note:

* 1

11440

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

56.51

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-17.49

41.35

15.16

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Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5720MHz)

70										
60										
50			1							
40			*							
30										
20										
10										

No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11440	43.63	54.00	-10.37	28.47	15.16	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5745MHz)

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0										

No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11490	56.45	74.00	-17.55	41.21	15.24	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5745MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11490	42.91	54.00	-11.09	27.67	15.24	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5745MHz)

Level((dBuV/m	1)								Radiate	d Emiss	ion								
80			IIIda					nnnn								111111		111111	THE I	
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0																				
1G	9 2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G :y(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	400
0	F	requei	ncy	Emi	ssion l	_evel		_imit		Mar	rgin	Re	ading	Level	Со	rrect F	actor	[Detect	or
		(MHz)	((dBuV/r	n)	(dE	BuV/m	1)	(d	B)		(dBu	V)		(dB/r	n)		Туре	<u>,</u>

Note:

* 1

11490

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

54.89

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-19.11

39.65

15.24

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5745MHz)

70									
60									
50		1							
40		*							
30									
20									
10									

No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11490	42.73	54.00	-11.27	27.49	15.24	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5785MHz)

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0									
0									
0									
0									
0									

No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11570	55.13	74.00	-18.87	40.43	14.70	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5785MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11570	42.05	54.00	-11.95	27.35	14.70	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5785MHz)

Level(c	dBuV/m)								Radiate	d Emiss	ion								
80			TTL/H					nnnn								11111				
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	400
lo	F	requei	псу	Emi	ssion l	_evel		Limit		Mai	rgin	Re	ading	Level	Со	rrect F	actor	[Detect	or
		(MHz)	((dBuV/r	n)	(dł	BuV/m	n)	(d	B)		(dBu	V)		(dB/n	n)		Туре	3

Note:

* 1

11570

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

54.51

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-19.49

39.81

14.70

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5785MHz)

Level(d	dBuV/m))							4	Radiate	d Emiss	ion								
80			IIIDAI		111131			ITTT												
70																				
60																				
50						1														_
40						*														
30																				
20																				
10																				
0																				
16	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G sy(Hz)	246	26G	28G	30G	32G	34G	36G	38G	40
lo	Fr	equer	псу	cy Emission Level		Limit			Margin		Re	Reading Level		Correct Factor			Detector			
		(MHz)	((dBuV/i	m)	(dE	BuV/m)	(d	B)		(dBu	V)		(dB/n	n)		Туре	ý

Note:

* 1

11570

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

41.53

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-12.47

26.83

14.70

AV



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5825MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11650	55.17	74.00	-18.83	41.09	14.08	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5825MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11650	42.82	54.00	-11.18	28.74	14.08	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5825MHz)

Level((dBuV/m	1)							į	Radiate	d Emiss	sion									
80									1111												
70																					
60						1															
50						*															
40																					
30																					
20																					
10																					
0																					
1G	6 2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40	
0	F	requen	псу	Emi	Emission Level		Limit			Margin		Re	Reading Level		Correct Factor			Detector			
		(MHz))	((dBuV/r	n)	(dE	3uV/m	1)	(d	IB)		(dBuV)			(dB/m)			Туре		
1		11650)		54.98		74.00			-19	2.02		40.9	0		14.0	8		PK	PK	

Note:

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- Correct Factor = Antenna factor + Cable loss Amplifier gain. 3.
- The average measurement was not performed when the peak measured data under the limit of average 4. detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 1:802.11a (5825MHz)

10										
20										
30										
40			*							
50			1							
60										
70										

No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11650	42.37	54.00	-11.63	28.29	14.08	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20(5180MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	10360	51.28	74.00	-22.72	37.89	13.39	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20(5180MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5220MHz)



Note:

10440

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.51

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.49

38.28

13.23

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5220MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5240MHz)



Note:

10480

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.83

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.17

38.68

13.15

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5240MHz)

_evel(d	BuV/m)								F	Radiate	d Emis	sion								
80																				
70																				
60																				
50					*															
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40
)	Fr	equer	псу	Emi	ssion	Level		Limit		Mai	rgin	R	eading	Level	Со	rrect	Factor	[Detec	tor
		(MHz))	(dBuV/m)		(d	BuV/m	n)	(d	IB)		(dBu	V)		(dB/	m)		Туре	Э	
1		10/80	<u>ן</u>		51.20	2		74 00		_22	71		38 1	1		12 1	15		DK	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5260MHz)



Note:

10520

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

52.27

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-21.73

39.15

13.12

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5260MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5300MHz)



Note:

10600

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.87

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.13

38.75

13.12

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5300MHz)

Level(dBuV/m)			Radiated Emissic	on		
80							
70							
60		4					
50		*					
40							
30							
20							
10							
0							
1G	i 2G 4G 6G	8G 10G 12G	14G 16G 180	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 400
0	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
1	10600	51 51	74 00	-22.49	38.30	13 12	ÞK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5320MHz)



Note:

* 1

10640

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

52.35

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-21.65

39.21

13.14

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5320MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5500MHz)



Note:

* 1

11000

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

52.78

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-21.22

39.15

13.63

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5500MHz)

Level(d	dBuV/m)							F	Radiate	d Emiss	sion								
80																				
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0	-	10			100	100			100				250	200		220	240	200	200	
IG	ZG	46	bG	86	10G	12G	146	100	18G	Frequence	zzg cy(Hz)	246	200	286	30G	32G	34G	30G	38G	40
C	Fi	requei	псу	Emi	ssion	Level		Limit		Ma	rgin	Re	ading	Level	Со	rrect F	actor	[Detect	or
		(MHz)	()	(dBuV/m)		(d	(dBuV/m)		(d	(dB)		(dBu			(dB/r	n)		Туре	
1		1100			51.82		51.82 74.00			-22 18 38 19				13.63			РК			

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5580MHz)



Note:

* 1

11160

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

52.43

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-21.57

38.03

14.40

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5580MHz)

Level(dBuV/m)			Radiated Emissio	n			
80								
70								
60		1						
50		*						
40								
30								
20								
10								
0								
1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 40	
0	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector	
	(MHz)	(dBuV/m)	(dBuV/m) (dBuV/m)		(dBuV)	(dB/m)	Туре	
1	11160	52.98	74 00	-21.02	38 58	14 40	РК	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.


Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5700MHz)



Note:

* 1

11400

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

55.86

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-18.14

40.77

15.09

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5700MHz)

evel(dBu\	//m)							a	Radiated	d Emiss	ion								
80																			
70																			
60																			
50					1														
40					*														
30																			
20																			
10																			
0																			
1G 2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G y(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	
,	Freque	псу	Emi	ssion l	Level		Limit		Mar	gin	Re	ading	Level	Сог	rrect F	actor	E	Detect	or
	(MHz)	((dBuV/r	m)	(dE	BuV/m)	(d	B)		(dBu'	V)		(dB/n	n)		Туре	ý

Note:

* 1

11400

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

42.53

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-11.47

27.44

15.09

AV



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5700MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5700MHz)

Level(c	lBuV/m)			Radiated Emissio	on						
80				THEFT							
70											
60											
50		1									
40		*									
30											
20											
10											
0 1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G	24G 26G 28G	30G 32G 34G	36G 38G 40				
				Frequency(Hz)	and a series of the series						
lo	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector				
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре				
1	11400	42 79	54.00	-11 21	27.70	15.09	AV				

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5720MHz)



Note:

11440

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

56.78

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-17.22

41.62

15.16

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5720MHz)

Level(d	dBuV/m)	Radiated Emission																	
80																				
70																				
60																				
50						1														
40						*														
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G y(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40
0	F	requei	псу	Emi	ssion l	Level	Limit			Mar	gin	Re	Reading Level			Correct Factor			Detect	or
		(MHz)	(dBuV/m)				(dBuV/m)			B)		(dBuV)			(dB/m)			Туре	

Note:

* 1

11440

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

43.18

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-10.82

28.02

15.16

AV



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5720MHz)

Level(d	dBuV/m)							F	Radiate	d Emis	sion								
80				1011					11111										HEIL	
70																				
60						1														
50																				
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequen	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	4(
0	Fr	requer	лсу	y Emission Level				Limit			Margin		Reading Level		Со	Correct Factor		Detecto		or
		(MHz)	(dBuV/m)			(dBuV/m)			(dB)			(dBuV)			(dB/m)			Туре	
1		1144	ົ ງ	56.38				74 00		17.60			41.22			15 16			DK	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5720MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5745MHz)



Note:

11490

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

56.32

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-17.68

41.08

15.24

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5745MHz)



Note:

11490

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

42.75

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-11.25

27.51

15.24

AV



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5745MHz)

Level(d	dBuV/m))							F	Radiate	d Emiss	sion								
80							1111		11111											
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	86	10G	12G	14G	16G	18G	20G Frequen	zzG cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40
с	Fr	equer	лсу	Emi	ssion	Level		Limit		Ма	rgin	Re	ading	Level	Со	rrect F	actor		Detect	or
		(MHz)	(dBuV/m)			(dBuV/m)			(dB)			(dBuV)			(dB/m)			Туре	
1		1149	ົ ງ		54 56		-	74 00		-19	0 4 4		30.32			15.24			PK	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5745MHz)

Level(dBuV/m)			Radiated Emissio	on		
80							
70							
60							
50		1					
40		*					
30							
20							
10							
0	26 46 66	8G 10G 12G	14G 16G 18	G 20G 22G	24G 26G 28G	30G 32G 34G	36G 38G 40
				Frequency(Hz)			
١o	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
1	11490	42.56	54.00	-11 44	27 32	15 24	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5785MHz)



Note:

11570

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

55.08

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-18.92

40.38

14.70

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5785MHz)

Level(c	dBuV/m)							J	Radiate	d Emiss	ion								
80			THE																	
70																				
60																				
50						1														
40						*														
30																				
20																				
10																				
0		10			100	120		100	100		220	240	250	200	200					
16	ZG	40	bG	80	10G	126	14G	166	18G	Frequenc	y(Hz)	246	26G	28G	30G	32G	346	30G	380	400
lo	F	reque	ncy	Emi	ssion I	Level		Limit		Mar	gin	Re	ading	Level	Сог	rrect F	actor	[Detect	or
		(MHz)	((dBuV/i	m)	(dl	BuV/m	1)	(d	B)		(dBu	V)		(dB/n	n)		Туре	

Note:

* 1

11570

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

41.95

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-12.05

27.25

14.70

AV



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5785MHz)

Level(d	BuV/m)							F	Radiate	d Emiss	ion								
80				11131															
70																			
60					1														
50					*														
40																			
30																			
20																			
10																			
0	20 40 4		00	100	120	110	160	100	200	220	240	260	200	200	220	246	260	200	40
IG	20 40 0	G	80	IUG	120	140	100	180	Frequence	zzG cy(Hz)	240	200	280	30G	520	540	500	580	400
С	Frequency		Emis	ssion l	_evel		Limit		Mai	rgin	Re	eading	Level	Со	rrect F	actor	[Detect	or
	(MHz)		(dBuV/m)			(dBuV/m)			(dB)			(dBuV)			(dB/m)			Туре	
1	11570		54.07				54.07 74.00				19.93 39.37 14.70				70 РК				

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5785MHz)

Level(dBuV/m)			Radiated Emissio	on		
80							
70							
60							
50		1					
40		*					
30							
20							
10							
0							
1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 40
0	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
1	11570	11 13	54.00	-12 57	26.73	14 70	۵۷

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5825MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11650	55.12	74.00	-18.88	41.04	14.08	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5825MHz)

Level(d	dBuV/m)							1	Radiate	d Emiss	sion								
80																				
70																				
60																				
50					1	5														
40					*	-														
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G y(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	400
lo	F	requei	ncy	Emi	ssion	Level	I	Limit		Mar	gin	Re	ading	Level	Cor	rrect F	actor	[Detect	or
		(MHz)	((dBuV/	m)	(dE	3uV/m)	(d	B)		(dBu	V)		(dB/n	ר)		Туре	è

Note:

* 1

10650

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

42.66

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-11.34

29.52

13.14

AV



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5825MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 2:802.11ac20 (5825MHz)

Level(d	dBuV/m)			Radiated Emissio	on		
80							
70							
60							
50		1					
40		*					
30							
20							
10							
0 1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G	24G 26G 28G	30G 32G 34G	36G 38G 400
				Frequency(Hz)			
١o	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
1	11650	42.56	54.00	-11.44	28.48	14.08	AV

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5190MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	10380	51.15	74.00	-22.85	37.80	13.35	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5190MHz)

Level(d	BuV/m	1)							F	Radiate	d Emiss	sion								
80					111135														HENT	TIT
70																				
60					1															
50					*															
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequen	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	4(
0	F	requer	псу	Emi	ssion	Level		Limit		Ма	rgin	Re	ading	Level	Со	rrect F	actor		Detect	or
(MHz)		(dBuV/	m)	(dl	BuV/m	ı)	(c	IB)		(dBu	V)		(dB/n	n)		Туре	\$		
* 1 10380 51.05					-	74 00		22.95			37.70			133	5		DK			

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5230MHz)



Note:

* 1

10460

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.65

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.35

38.45

13.20

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5230MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



13.13

РΚ

Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5270MHz)

Horizontal



Note:

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.12

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

The average measurement was not performed when the peak measured data under the limit of average 4. detection.

-22.88



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5270MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5310MHz)



Note:

* 1

10620

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.68

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.32

38.55

13.13

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5310MHz)

Level(d	dBuV/m)			Radiated Emissio	on				
80									
70									
60		1							
50		*							
40									
30									
20									
10									
0									
1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 4		
0	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector		
	(MHz)	(MHz) (dBuV/m)		(dB)	(dBuV)	(dB/m)	Туре		
1	10620	51.26	74 00	-22 74	22.74 28.12 12.12				

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5510MHz)



Note:

11020

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.93

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.07

38.19

13.74

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5510MHz)

Level(c	dBuV/m)							F	Radiate	d Emis	sion								
80			111/2						11111							THE			THE	
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0															1111					
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	4(
0	Frequency Emission Leve		Level	Limit			Margin		Re	Reading Level		Со	Correct Factor		Detector					
		(MHz	lz) (dBuV/m)		(dl	(dBuV/m)		(dB)			(dBuV)			(dB/m)			Туре			
1		1102	52.21			-	74.00 -21.79					38.47			13.7/			PK.		

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5550MHz)



No	Frequency	Emission Level Limit		Margin	Reading Level	Correct Factor	Detector	
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре	
* 1	11100	52.51	74.00	-21.49	38.39	14.12	PK	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5550MHz)

Level(d	dBuV/m)							F	Radiate	d Emis:	sion									
80									11110											TIT	
70																					
60						1															
50						*															
40																					
30																					
20																					
10																					
0																					
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	4	
С	Fi	Frequency		Emission Level		Limit			Mai	rgin	Re	Reading		Correct		actor	[Detect	or		
		(MHz)	((dBuV/i	m)	(d	(dBuV/m)			(dB)			(dBuV)			(dB/m)			Туре	
1		1110			52.65			74 00	21.25			38 F	3		14 1	2					

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5670MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11340	53.78	74.00	-20.22	38.79	14.99	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5670MHz)

Level(c	dBuV/m)			Radiated Emissio	n		
80							
70							
60		1					
50		*					
40							
30							
20							
10							
0							
1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 40
С	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
1	11340	53 57	74.00	-20.43	38 58	1/ 99	ÞK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5710MHz)



Note:

11420

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

54.31

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-19.69

39.18

15.13

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5710MHz)

Level(dBuV/n	n)							1	Radiated	d Emiss	ion								
80			1111/21	1011				nnnn											THE T	
70																				
60																				
50						1														Ŧ
40						*														
30																				
20																				
10																				
0	20	46	60	°G	100	126	146	160	196	200	226	246	260	200	200	226	246	260	200	400
10	1 20	40	00	00	100	120	140	100	100	Frequenc	y(Hz)	240	200	200	300	320	340	300	300	400
lo	F	Frequency Emission Leve		Level		Limit		Mar	gin	Re	Reading Level			rrect F	actor	[Detect	or		
		(MHz)	(dBuV/m)			(dE	BuV/m	1)	(d	B)		(dBu'	V)		(dB/n	n)		Туре	

Note:

* 1

11420

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

40.88

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

54.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-13.12

25.75

15.13

AV


Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5710MHz)

Level(dBuV/m)			Radiated Emissio	on			
80								
70								
60		1						
50		*						
40								
30								
20								
10								
0								
1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 40	
0	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector	
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре	
1	11/20	52.90	74.00	20.11	20.76	15 12	סע	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5755MHz)



Note:

11510

- All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average 1. measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

53.72

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-20.28

38.55

15.17

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5755MHz)

Level(c	BuV/m)							F	Radiate	d Emis	sion								
80			THE A	1511			11110		13111										BEALT	
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequen	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40
0	Fi	requei	псу	Emi	ssion	Level		Limit		Ма	rgin	Re	ading	Level	Со	rrect F	actor	[Detect	or
		(MHz)	(dBuV/m)		(dBuV/m)		n)	(dB)			(dBuV)			(dB/m)			Туре		
1		1151	0	53 51			74.00			20.40			38.34			15 17			РК	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5795MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	11590	52.45	74.00	-21.55	37.89	14.56	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 3:802.11ac40 (5795MHz)

Level(c	dBuV/m)							į	Radiate	d Emiss	sion								
80			TH/A	I STO	1111168		11110	mpp	11111		10111					11111				
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0	26	46	66	86	100	126	146	166	186	20.6	226	246	266	286	306	326	346	36G	386	40
	20	10			100	120		100	100	Frequence	cy(Hz)	240	200	200	500	JEG .	540		500	40.
0	Fi	requer	псу	Emi	ssion	Level		Limit		Ма	rgin	Re	ading	Level	Со	rrect F	actor		Detect	or
		(MHz)	(dBuV/m)		(dBuV/m)		1)	(dB)			(dBuV)			(dB/m)			Туре		
1		1159	0	52.35		-	74.00			.65		37.79			14 56			PK		

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80(5210MHz)



No	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре
* 1	10420	50.97	74.00	-23.03	37.69	13.28	PK

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80(5210MHz)



- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80(5290MHz)



Note:

* 1

10580

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

51.35

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-22.65

38.23

13.12

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5290MHz)

Level(d	dBuV/m)			Radiated Emissio	on			
80								
70								
60		4						
50		*						
40								
30								
20								
10								
0								
1G	2G 4G 6G	8G 10G 12G	14G 16G 18	G 20G 22G Frequency(Hz)	24G 26G 28G	30G 32G 34G	36G 38G 40	
)	Frequency	Emission Level	Limit	Margin	Reading Level	Correct Factor	Detector	
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	Туре	
1	10580	51.69	74.00	-22.31	38 57	13 12	ÞK	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5530MHz)



Note:

* 1

11060

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

52.85

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-21.15

38.92

13.93

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5530MHz)

Level(c	BuV/m)							F	Radiate	d Emis	sion								
80			ПÆ					TIME							ELITE				HELLI	
70																				
60						1														
50						*														
40																				
30																				
20																				
10																				
0																				
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequen	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	4
0	Fr	requen	юу	Emission Level			Limit			Margin		Re	Reading Level		Со	rrect F	actor		Detector	
		(MHz)		((dBuV/	m)	(dl	BuV/m	n)	(dB)			(dBuV)			(dB/m)			Туре	
1		11060)		52 51			74.00			49		28 58			12.02			PK	

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5690MHz)



Note:

* 1

11380

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

53.31

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-20.69

38.25

15.06

РΚ



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5690MHz)

Level(dBuV/m)							F	Radiate	d Emiss	sion										
80									11111							THE						
70																						
60						1																
50						*																
40																						
30																						
20																						
10																						
0																						
1G	2G	4G	6G	8G	10G	12G	14G	16G	18G	20G Frequenc	22G cy(Hz)	24G	26G	28G	30G	32G	34G	36G	38G	40		
0	Fi	requer	псу	Emi	Emission Level			Limit			Margin		Reading Level		Со	Correct Factor			Detector			
		(MHz))	((dBuV/	m)	(dBuV/m)		1)	(dB)			(dBuV)			(dB/m)			Туре			
1		11380)		54.35			74.00			_19.65			30.20			15.06			PK		

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5690MHz)

Level(dBuV/m)				F	Radiated	d Emiss	ion								
80			111111	mnn								111111	11111		THE	
70																
60																
50		1														_
40		*														
30																
20																
10																
0 1G	2G 4G 6G	8G 10G 120	i 14G	16G	18G	20G	22G	24G	26G	28G	30G	32G	34G	36G	38G	40
			1.00			Frequenc	y(Hz)		a server	1621.24						
10	Frequency	Emission Leve	I	Limit			Margin		Reading Level			Correct Factor			Detector	
	(MHz)	(dBuV/m)	(d	(dBuV/m)			(dB)		(dBuV)			(dB/m)			Туре	
1	11380	40.75		54.00			-13 25			25.69			15.06			

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.
- 3. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product	:	LTE SOM Module
Test Item	:	Harmonic Radiated Emission Data
Test Date	:	2020/04/20
Test Mode	:	Mode 4:802.11ac-80 (5775MHz)



Note:

* 1

11550

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Measurement Level = Reading Level + Correct Factor.

53.17

3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.

74.00

4. The average measurement was not performed when the peak measured data under the limit of average detection.

-20.83

38.31

14.86

РΚ