

TEST REPORT

Application No.: SUCR2604000317WM
FCC ID: 2AWF6-SH3350
Applicant: START USA, INC.
Address of Applicant: 5600 Tennyson Parkway, Suite 390, Plano, TX 75024, USA
Manufacturer: START USA, INC.
Address of Manufacturer: 5600 Tennyson Parkway, Suite 390, Plano, TX 75024, USA
Equipment Under Test (EUT):
EUT Name: 5G Feature phone
Model No.: SH3350
Trade Mark: START
Standard(s) : 47 CFR Part 15, Subpart B
Date of Receipt: 2026-04-07
Date of Test: 2026-06-25 to 2026-06-25
Date of Issue: 2026-07-10

Test Result:
Pass*

* In the configuration tested, the EUT complied with the standards specified above.

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-07-10	/

Authorized for issue by:			
Prepared By		Nature Shen	
		Nature_Shen/Project Engineer	
Approved By		Cedar cheng	
		Cedar Cheng /Reviewer	



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2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4-2014	15.107(a); Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4-2014	15.109(a); Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4-2014	15.109(g); Class B	Pass



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.85V from internal rechargeable battery which can be charged by AC/DC adapter
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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Computer	Lenovo	T14	2YK6GR
Router	Smavwave Technology Co.,Ltd	SRT 421	RT421X02211300001

4.3 Measurement Uncertainty & Decision Rule

Test Item	Measurement Uncertainty (U_{LAB})	U_{CISPR}
Conducted Emissions (150kHz-30MHz)	2.9dB	3.8dB
Radiated Emissions (30MHz-1GHz)	4.8dB	6.3dB
Radiated Emissions (Above 1GHz)	4.8dB (1GHz- 6GHz)	5.2dB (1GHz-6GHz)
	4.8dB (6GHz- 18GHz)	5.5dB (6GHz-18GHz)

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Decision Rule:

- CISPR 16-4-2 for emission measurements is as below described.
Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

U_{LAB} less than U_{CISPR} , therefore:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit.
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.
- For immunity testing no decision rule is applicable.

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu)
Pilot Free Trade Zone

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

3. Sample source: sent by customer.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 6336.01)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1312)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory. Test Firm Registration Number:717327

- **ISED (CAB Identifier: CN0120)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2026/1/14	2027/1/13
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2026/2/11	2027/2/10
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-03	2026/4/22	2027/4/21
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-04	2026/4/22	2027/4/21
Measurement Software	Tonscend	JS32-CE 4.0.0.2	SUWI-02-09-05	NCR	NCR

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2026/6/9	2029/6/8
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2026/2/11	2027/2/10
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2026/1/14	2027/1/13
Receiving antenna	SCHWYZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	2025/11/29	2027/11/28
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2026/1/14	2027/1/13
Measurement Software	Tonscend	JS32-RE	SUWI-02-09-04	NCR	NCR



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Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2026/6/9	2029/6/8
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2026/2/11	2027/2/10
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2026/1/14	2027/1/13
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2025/5/7	2027/5/6
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2025/5/7	2027/5/6
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2026/1/14	2027/1/13
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2026/1/14	2027/1/13
Measurement Software	Tonscend	JS32-RE	SUWI-02-09-04	NCR	NCR

6 Emission Test Results

6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4-2014

Limit:

0.15MHz-0.5MHz: 66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average

0.5MHz-5MHz: 56dB(μV) quasi-peak, 46dB(μV) average

5MHz-30MHz: 60dB(μV) quasi-peak, 50dB(μV) average

Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C

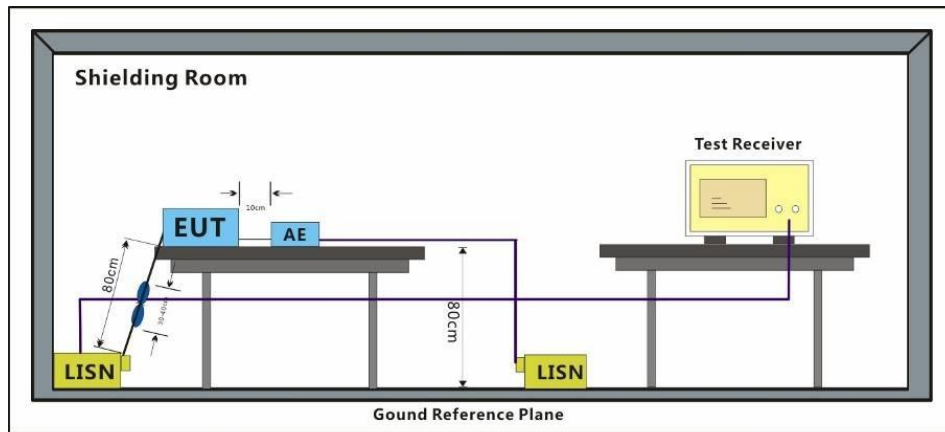
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Telecom Idle(WCDMA band 5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Final test	10	Telecom Idle(LTE band 5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	11	Telecom Idle(LTE band 12 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Front)+USB cable+Adapter/earphone
Pre-scan	12	Telecom Idle(LTE band 13 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	13	Telecom Idle(LTE band 14 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	14	Telecom Idle(LTE band 17 RX)+EUT+BT/WLAN/NFC/WWAN idle+GNSS+OTG output
Pre-scan	15	Telecom Idle(LTE band 26 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	16	Telecom Idle(LTE band 71 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	17	Telecom Idle(NR n5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	18	Telecom Idle(NR n14 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	19	Telecom Idle(NR n71 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone

6.1.3 Test Setup Diagram

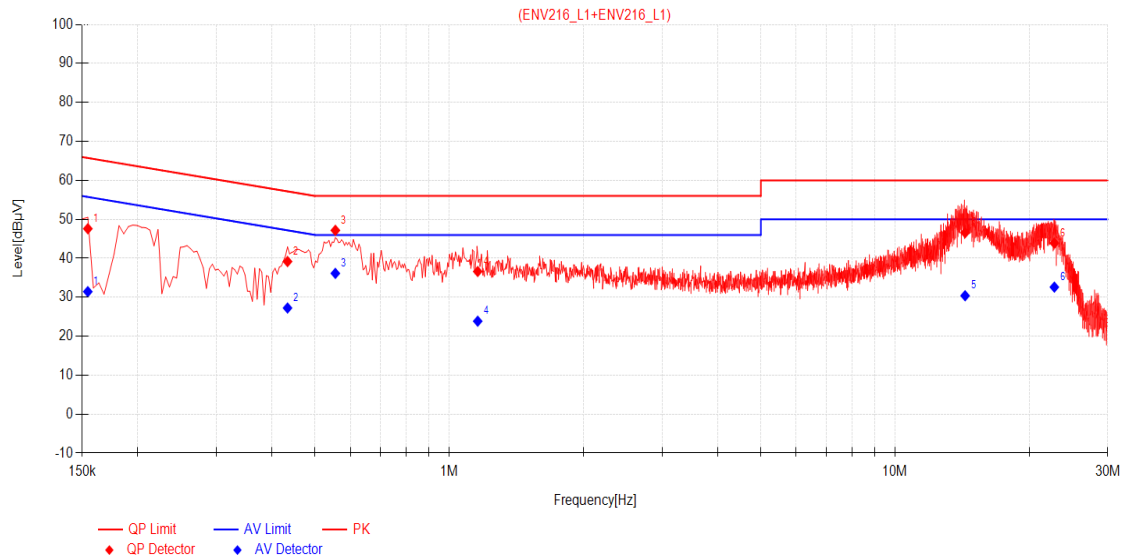


6.1.4 Measurement Procedure and Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

Remark : $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{LISN Factor}$

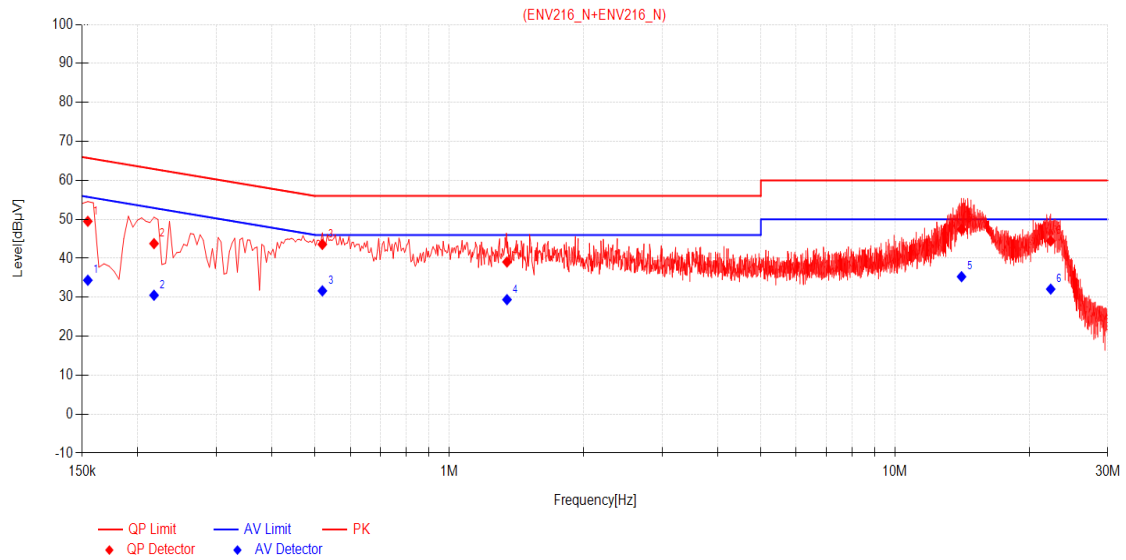
Test Mode: 09; Line: Live line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1545	10.47	37.13	47.60	65.75	18.15	20.97	31.44	55.75	24.31	PASS
2	0.4335	9.91	29.27	39.18	57.19	18.01	17.33	27.24	47.19	19.95	PASS
3	0.5550	9.75	37.43	47.18	56.00	8.82	26.38	36.13	46.00	9.87	PASS
4	1.1580	9.79	26.83	36.62	56.00	19.38	14.07	23.86	46.00	22.14	PASS
5	14.3610	10.18	36.39	46.57	60.00	13.43	20.21	30.39	50.00	19.61	PASS
6	22.7760	9.97	33.93	43.90	60.00	16.10	22.63	32.60	50.00	17.40	PASS

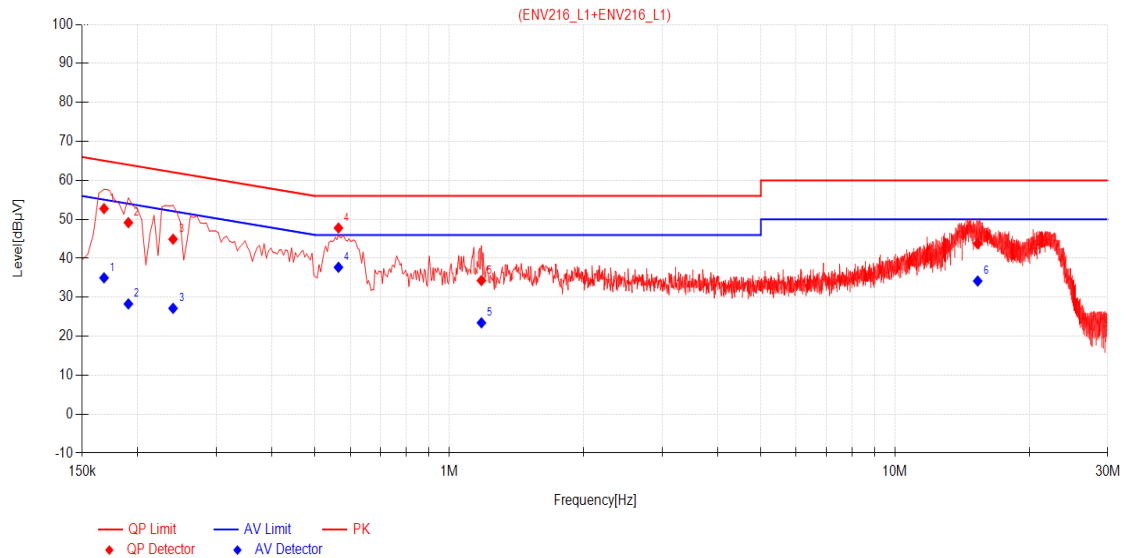
Test Mode: 09; Line: Neutral Line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1545	9.95	39.54	49.49	65.75	16.26	24.42	34.37	55.75	21.38	PASS
2	0.2175	9.95	33.83	43.78	62.91	19.13	20.56	30.51	52.91	22.40	PASS
3	0.5190	9.93	33.64	43.57	56.00	12.43	21.71	31.64	46.00	14.36	PASS
4	1.3470	9.94	29.11	39.05	56.00	16.95	19.46	29.40	46.00	16.60	PASS
5	14.1000	10.06	37.39	47.45	60.00	12.55	25.22	35.28	50.00	14.72	PASS
6	22.3485	10.10	34.35	44.45	60.00	15.55	22.00	32.10	50.00	17.90	PASS

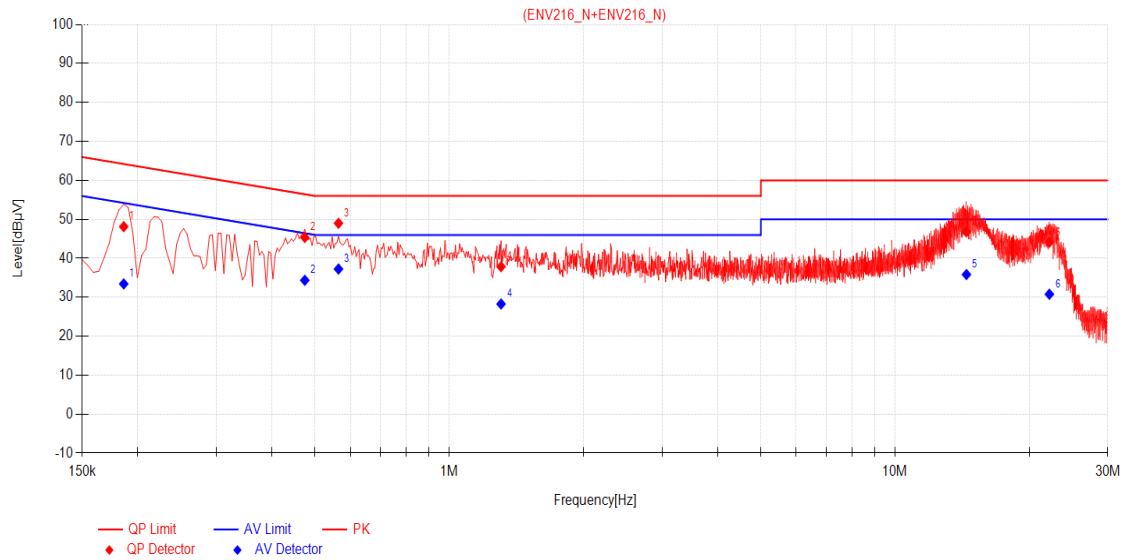
Test Mode: 10; Line: Live line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1680	10.44	42.31	52.75	65.06	12.31	24.54	34.98	55.06	20.08	PASS
2	0.1905	10.41	38.75	49.16	64.01	14.85	17.88	28.29	54.01	25.72	PASS
3	0.2400	10.33	34.58	44.91	62.10	17.19	16.83	27.16	52.10	24.94	PASS
4	0.5640	9.75	38.03	47.78	56.00	8.22	27.94	37.69	46.00	8.31	PASS
5	1.1805	9.80	24.50	34.30	56.00	21.70	13.64	23.44	46.00	22.56	PASS
6	15.3285	10.16	33.56	43.72	60.00	16.28	24.01	34.17	50.00	15.83	PASS

Test Mode: 10; Line: Neutral Line



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1860	9.94	38.20	48.14	64.21	16.07	23.49	33.43	54.21	20.78	PASS
2	0.4740	9.93	35.42	45.35	56.44	11.09	24.43	34.36	46.44	12.08	PASS
3	0.5640	9.93	39.07	49.00	56.00	7.00	27.32	37.25	46.00	8.75	PASS
4	1.3065	9.94	27.92	37.86	56.00	18.14	18.34	28.28	46.00	17.72	PASS
5	14.4645	10.07	36.73	46.80	60.00	13.20	25.77	35.84	50.00	14.16	PASS
6	22.1955	10.10	34.02	44.12	60.00	15.88	20.68	30.78	50.00	19.22	PASS

6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4-2014

Limit:

Class B

Test Distance: 3m

30MHz -88MHz 40.0(dBμV/m) quasi-peak

88MHz-216MHz 43.5(dBμV/m) quasi-peak

216MHz-960MHz 46.0(dBμV/m) quasi-peak

960MHz-1000MHz 54.0(dBμV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

Class B

Test Distance: 10m

30MHz -88MHz 29.5(dBμV/m) quasi-peak

88MHz-216MHz 33.1(dBμV/m) quasi-peak

216MHz-960MHz 35.6(dBμV/m) quasi-peak

960MHz-1000MHz 43.5(dBμV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

Humidity: 43 % RH

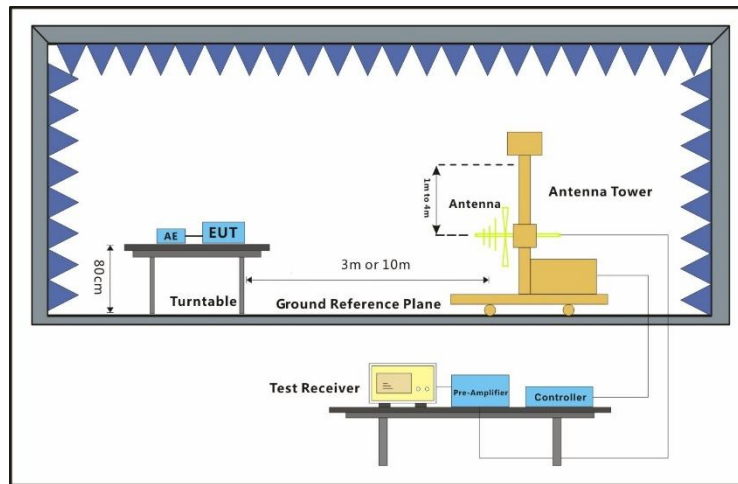
Atmospheric Pressure: 1001 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Telecom Idle(WCDMA band 5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Final test	10	Telecom Idle(LTE band 5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Final test	11	Telecom Idle(LTE band 12 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Front)+USB cable+Adapter/earphone
Final test	12	Telecom Idle(LTE band 13 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	13	Telecom Idle(LTE band 14 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	14	Telecom Idle(LTE band 17 RX)+EUT+BT/WLAN/NFC/WWAN idle+GNSS+OTG output
Pre-scan	15	Telecom Idle(LTE band 26 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone

Pre-scan	16	Telecom Idle(LTE band 71 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	17	Telecom Idle(NR n5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	18	Telecom Idle(NR n14 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	19	Telecom Idle(NR n71 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone

6.2.3 Test Setup Diagram

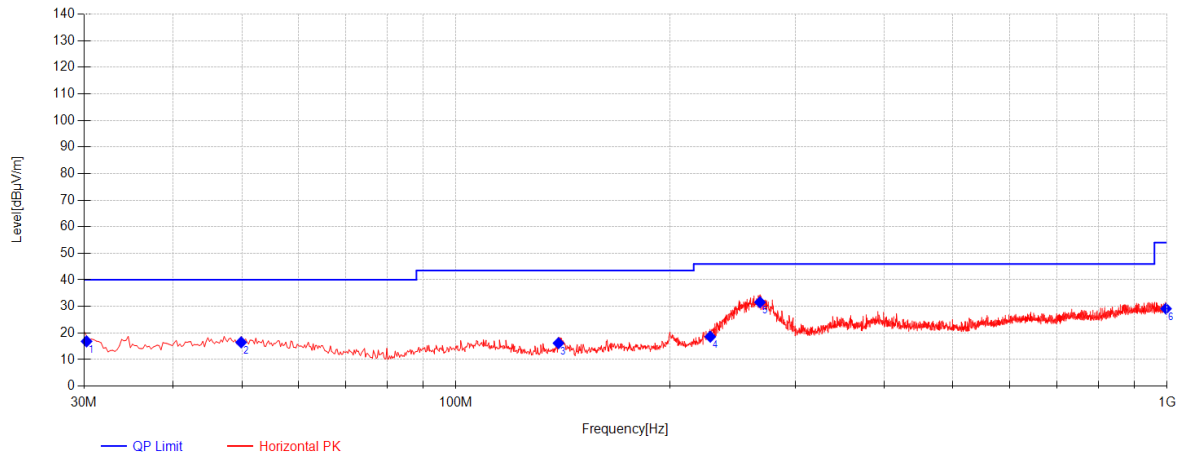


6.2.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

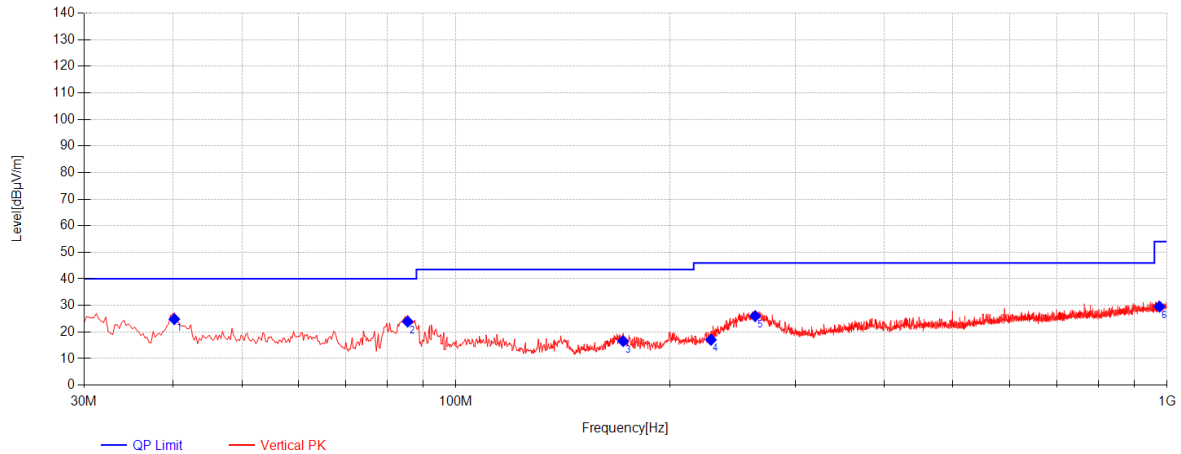
Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Test Mode: 09; Polarity: Horizontal



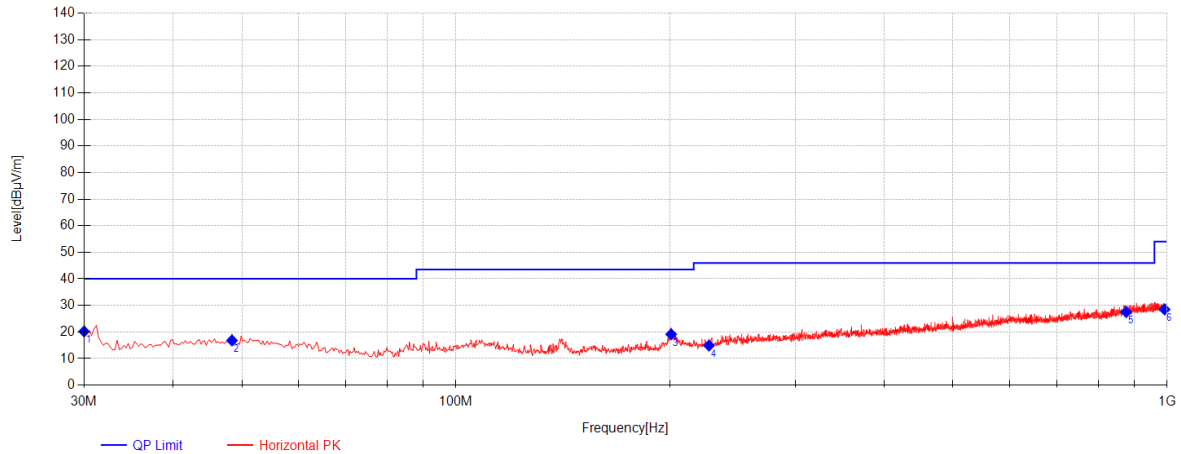
Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	30.2425	41.58	16.65	-41.39	16.84	40.00	23.16	Horizontal
2	49.885	37.23	20.24	-40.98	16.49	40.00	23.51	Horizontal
3	139.3675	38.04	18.01	-39.88	16.17	43.50	27.33	Horizontal
4	227.88	40.23	17.39	-39.01	18.61	46.00	27.39	Horizontal
5	267.65	51.17	19.05	-38.66	31.56	46.00	14.44	Horizontal
6	996.605	34.77	28.10	-33.72	29.15	54.00	24.85	Horizontal

Test Mode: 09; Polarity: Vertical



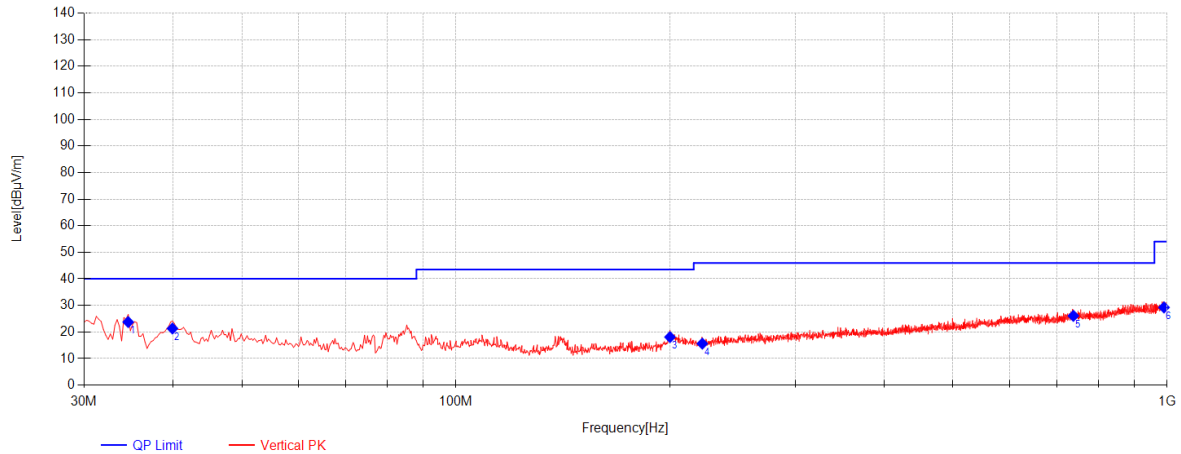
Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	40.185	47.57	18.47	-41.19	24.85	40.00	15.15	Vertical
2	85.5325	49.25	15.16	-40.50	23.91	40.00	16.09	Vertical
3	171.8625	40.51	15.57	-39.51	16.57	43.50	26.93	Vertical
4	228.365	38.63	17.44	-39.01	17.06	46.00	28.94	Vertical
5	263.5275	45.69	19.00	-38.72	25.97	46.00	20.03	Vertical
6	975.75	35.59	27.74	-33.78	29.55	54.00	24.45	Vertical

Test Mode: 10; Polarity: Horizontal



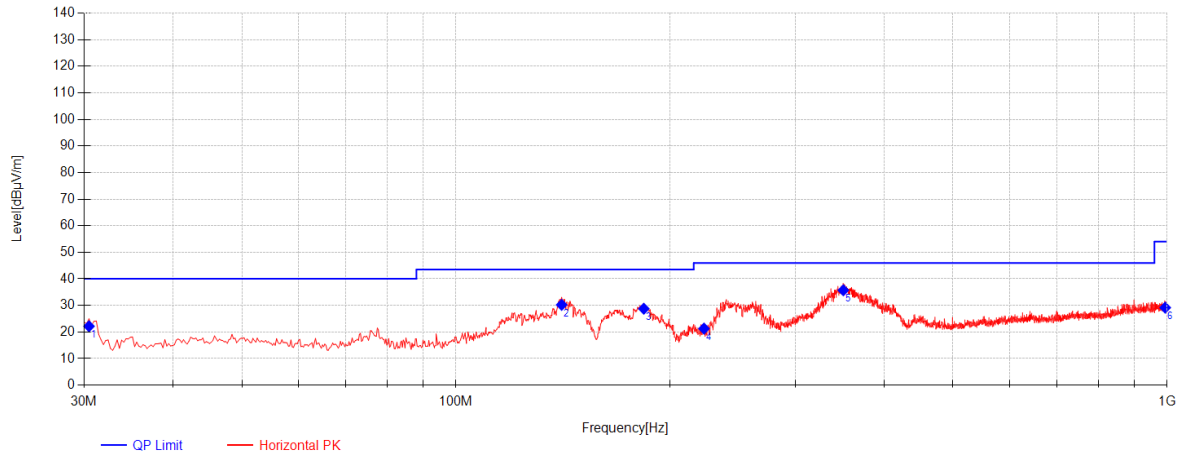
Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	30	45.1	16.50	-41.39	20.21	40.00	19.79	Horizontal
2	48.43	37.84	19.97	-41.01	16.80	40.00	23.20	Horizontal
3	200.72	37.19	21.20	-39.25	19.14	43.50	24.36	Horizontal
4	226.91	36.61	17.29	-39.02	14.88	46.00	31.12	Horizontal
5	876.0825	35.3	26.66	-34.45	27.51	46.00	18.49	Horizontal
6	991.9975	34.41	27.86	-33.78	28.49	54.00	25.51	Horizontal

Test Mode: 10; Polarity: Vertical



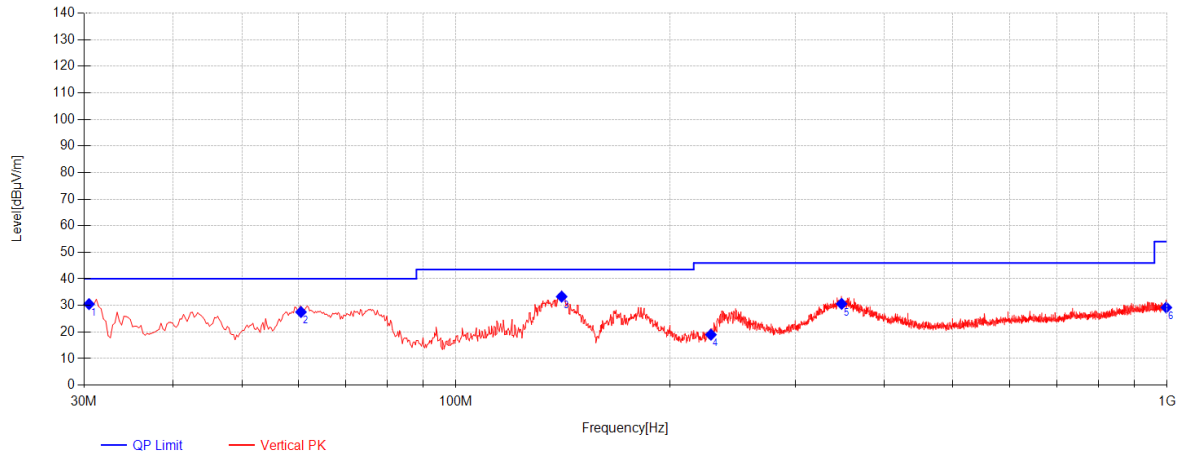
Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	34.6075	47.56	17.48	-41.30	23.74	40.00	16.26	Vertical
2	39.9425	44.08	18.42	-41.19	21.31	40.00	18.69	Vertical
3	199.9925	35.78	21.58	-39.27	18.09	43.50	25.41	Vertical
4	222.06	37.55	17.10	-39.04	15.61	46.00	30.39	Vertical
5	738.3425	35.75	25.70	-35.37	26.08	46.00	19.92	Vertical
6	990.0575	35.35	27.70	-33.80	29.25	54.00	24.75	Vertical

Test Mode: 11; Polarity: Horizontal



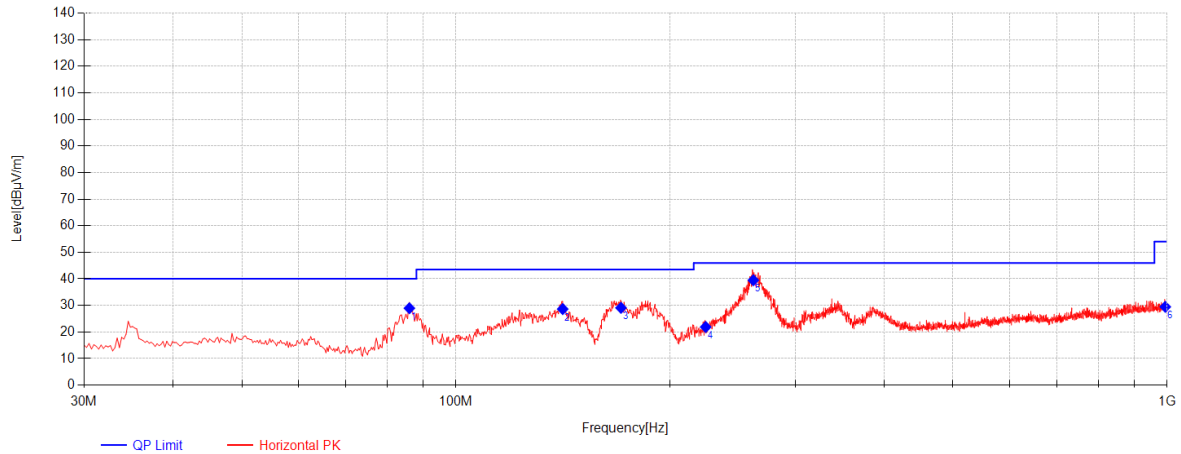
Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	30.485	46.74	16.79	-41.38	22.15	40.00	17.85	Horizontal
2	140.8225	50.83	19.24	-39.85	30.22	43.50	13.28	Horizontal
3	183.745	51.9	16.18	-39.32	28.76	43.50	14.74	Horizontal
4	223.2725	43.2	17.10	-39.03	21.27	46.00	24.73	Horizontal
5	350.585	53.21	20.39	-37.88	35.72	46.00	10.28	Horizontal
6	993.9375	34.89	28.02	-33.75	29.16	54.00	24.84	Horizontal

Test Mode: 11; Polarity: Vertical



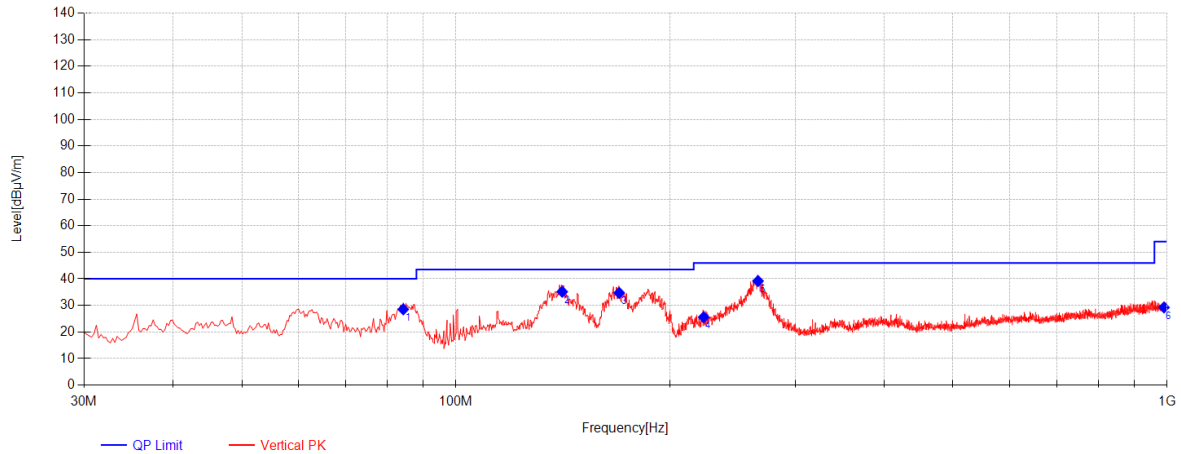
Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	30.485	55.07	16.79	-41.38	30.48	40.00	9.52	Vertical
2	60.555	49.85	18.59	-40.94	27.50	40.00	12.50	Vertical
3	140.8225	53.92	19.24	-39.85	33.31	43.50	10.19	Vertical
4	228.365	40.55	17.44	-39.01	18.98	46.00	27.02	Vertical
5	348.645	48.16	20.32	-37.89	30.59	46.00	15.41	Vertical
6	997.575	34.81	28.10	-33.71	29.20	54.00	24.80	Vertical

Test Mode: 12; Polarity: Horizontal



Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	86.0175	54.14	15.30	-40.49	28.95	40.00	11.05	Horizontal
2	141.3075	49.43	19.05	-39.84	28.64	43.50	14.86	Horizontal
3	170.65	53.13	15.51	-39.54	29.10	43.50	14.40	Horizontal
4	224.485	43.8	17.10	-39.03	21.87	46.00	24.13	Horizontal
5	261.9736	59.23	19.00	-38.75	39.48	46.00	6.52	Horizontal
6	994.18	35.19	28.03	-33.75	29.47	54.00	24.53	Horizontal

Test Mode: 12; Polarity: Vertical



Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	84.32	54.25	14.80	-40.52	28.53	40.00	11.47	Vertical
2	141.065	55.83	19.17	-39.85	35.15	43.50	8.35	Vertical
3	169.68	58.55	15.73	-39.56	34.72	43.50	8.78	Vertical
4	223.03	47.51	17.10	-39.03	25.58	46.00	20.42	Vertical
5	265.9525	58.84	19.02	-38.68	39.18	46.00	6.82	Vertical
6	990.0575	35.33	27.70	-33.80	29.23	54.00	24.77	Vertical

6.3 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4-2014

Limit:

Class B

Above 1GHz 74(dBμV/m) peak, 54(dBμV/m) average

Detector: Peak for pre-scan (1000kHz resolution bandwidth) 1000M to18000MHz

6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

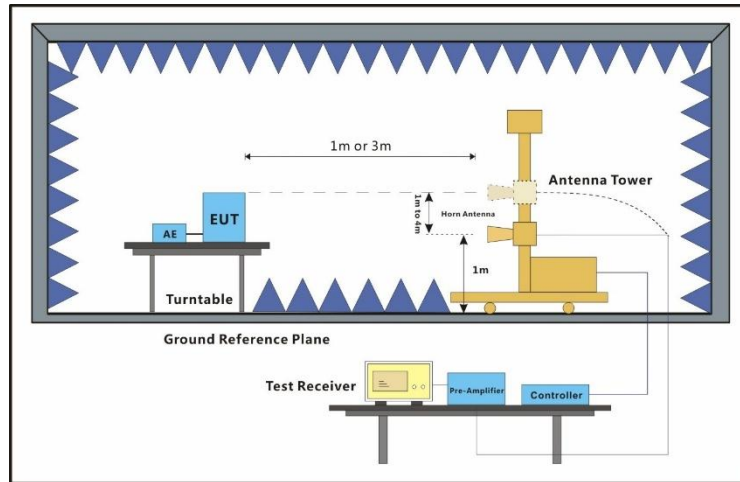
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	Telecom Idle(WCDMA band 5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Final test	10	Telecom Idle(LTE band 5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	11	Telecom Idle(LTE band 12 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Front)+USB cable+Adapter/earphone
Pre-scan	12	Telecom Idle(LTE band 13 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	13	Telecom Idle(LTE band 14 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	14	Telecom Idle(LTE band 17 RX)+EUT+BT/WLAN/NFC/WWAN idle+GNSS+OTG output
Pre-scan	15	Telecom Idle(LTE band 26 RX)+EUT+BT/WLAN/NFC/WWAN idle+camera(Back)+USB cable+Adapter/earphone
Pre-scan	16	Telecom Idle(LTE band 71 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	17	Telecom Idle(NR n5 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	18	Telecom Idle(NR n14 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone
Pre-scan	19	Telecom Idle(NR n71 RX)+EUT+Play MP4+BT/WLAN/NFC/WWAN idle+USB cable+Adapter/earphone

6.3.3 Test Setup Diagram



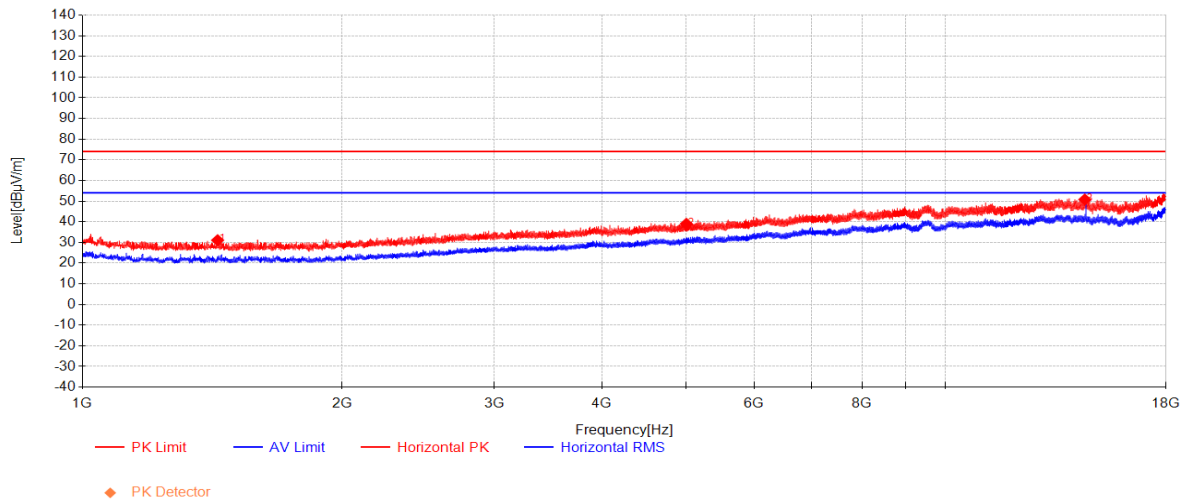
6.3.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The red line show in graphic is the limit in standard used in this section.

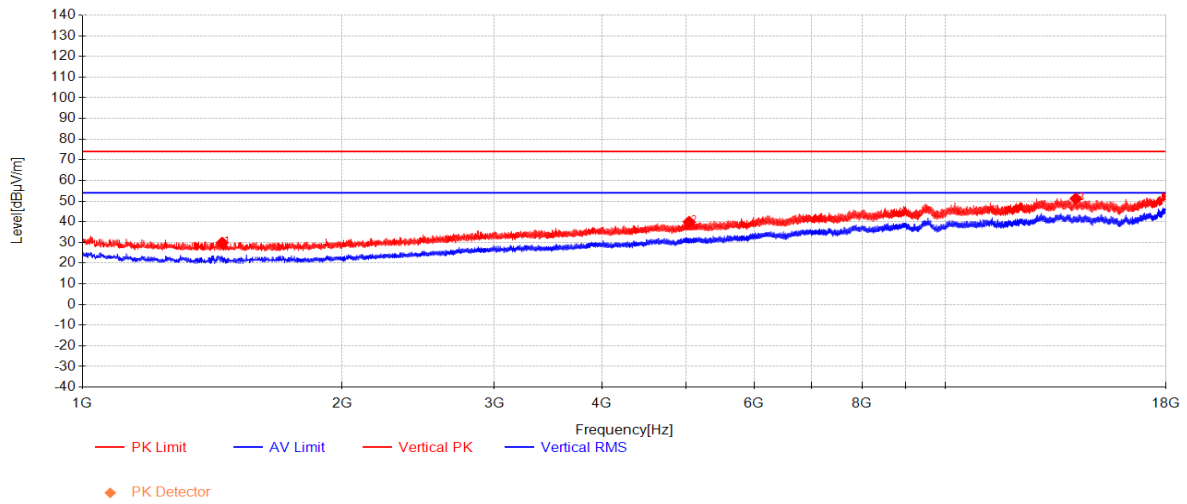
Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

Test Mode: 09; Polarity: Horizontal



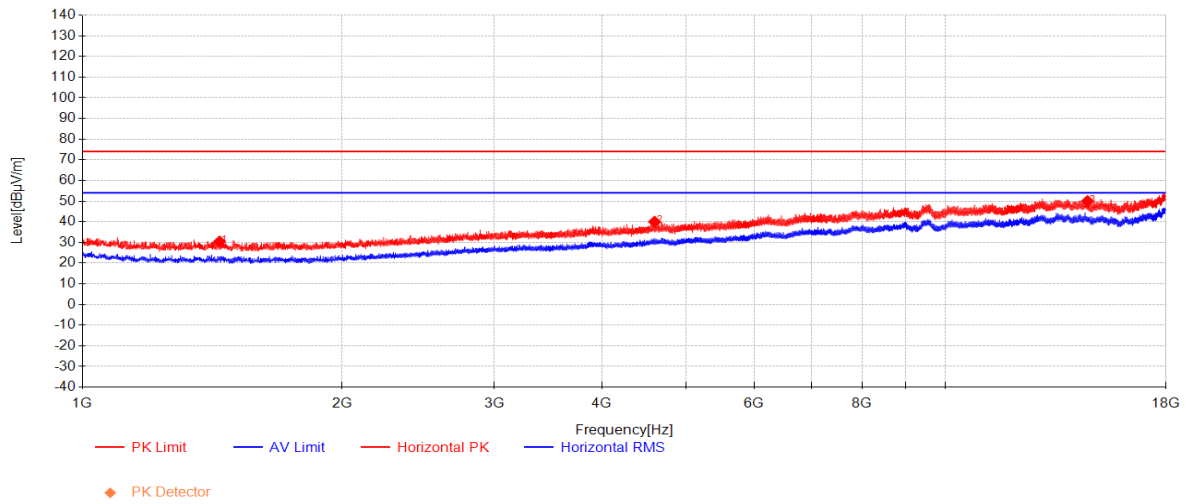
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	1434.775	54.94	25.23	-49.08	31.09	74.00	42.91	Horizontal
2	5009.025	50.64	33.10	-44.74	39.00	74.00	35.00	Horizontal
3	14495.025	45.62	40.10	-34.96	50.77	74.00	23.23	Horizontal

Test Mode: 09; Polarity: Vertical



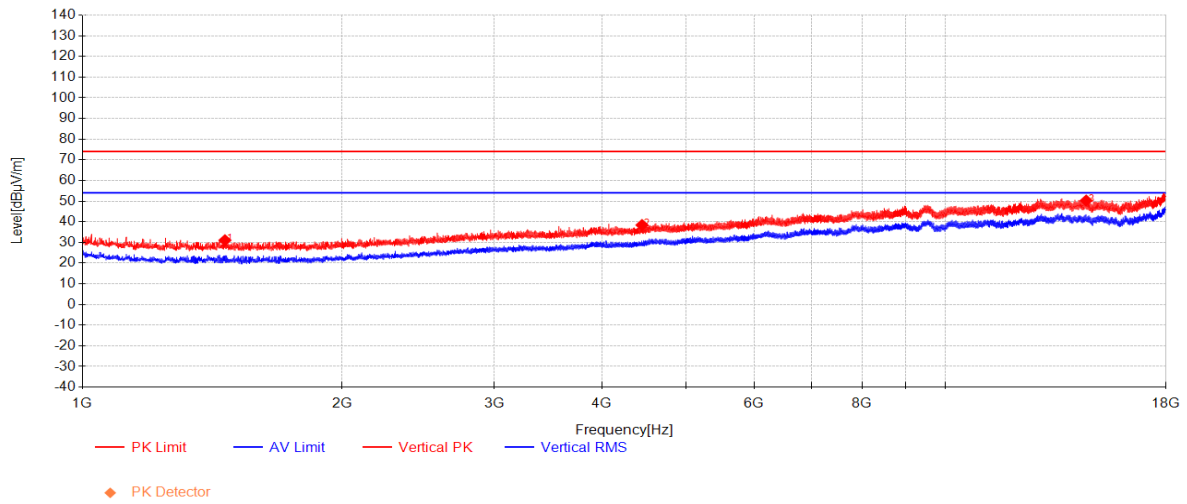
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	1452.625	53.75	25.19	-49.09	29.86	74.00	44.14	Vertical
2	5046.425	51.76	33.09	-44.87	39.98	74.00	34.02	Vertical
3	14155.875	46.18	40.31	-35.27	51.21	74.00	22.79	Vertical

Test Mode: 10; Polarity: Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	1442.425	54.32	25.22	-49.08	30.45	74.00	43.55	Horizontal
2	4601.45	52.99	32.14	-45.14	40.00	74.00	34.00	Horizontal
3	14597.025	44.56	40.04	-34.61	49.99	74.00	24.01	Horizontal

Test Mode: 10; Polarity: Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	1463.25	54.98	25.17	-49.09	31.07	74.00	42.93	Vertical
2	4449.725	51.97	31.82	-45.35	38.43	74.00	35.57	Vertical
3	14549.85	44.99	40.07	-34.78	50.28	74.00	23.72	Vertical



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7 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2604000317WM

8 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SUCR2604000317WM

- End of the Report -