

HAC VOLUME CONTROL TEST REPORT

Applicant: FlexSource
Address: 1250 Shames Drive, Westbury, NY 11590, USA
Equipment Type: Smart phone
Model Name: SC6513
Brand Name: Sense Go
FCC ID: 2BWV2-SC6513
Test Standard: 47 CFR Part 20.19
(refer section 3.1)
HAC Compliance: PASS
Sample Arrival Date: Jul. 14, 2026
Test Date: Jul.14, 2026 - Aug. 27, 2026
Date of Issue: Sep. 02, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Zhang Jiwei**Checked by:** Xu Rui**Approved by:** Liao Jianming
(Technical Director)*Zhang Jiwei**Xu Rui**Jim Liao*

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Sep. 02, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☒ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

1.3 Test Environment Condition

Ambient Temperature	22.8°C
Ambient Relative Humidity	57.5%
Ambient noise	28.3 dBA

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	FlexSource
Address	1250 Shames Drive, Westbury, NY 11590, USA

2.2 Manufacturer Information

Manufacturer	FlexSource
Address	1250 Shames Drive, Westbury, NY 11590, USA

2.3 General Description for Equipment under Test (EUT)

EUT Name	Smart phone
Model Name Under Test	SC6513
Series Model Name	Sense Go
Description of Model name differentiation	The only differences are appearance, trade name, and model number for trading purposes. (this information provided by the applicant)
Hardware Version	A306_M_V2.0
Software Version	SC6513_v1.0.0_20260609
Dimensions (Approx.)	165*76.8*10.2mm
Weight (Approx.)	193g
EUT ID	CC26050177-001: S14, S15
SN or IMEI Number	CC26050177-001-S14 IMEI 990019122712005
	CC26050177-001-S15 IMEI 990019122712013

2.4 Ancillary Equipment

Ancillary Equipment 1	Li-Polymer Battery	
	Brand Name	N/A
	Model No.	BTE-4003
	Serial No.	N/A
	Capacitance	Rated: 4000mAh Typical: 4050mAh
	Rated Voltage	3.85 V
	Limited Voltage	4.4 V
	Manufacturer	PHENIX NEW ENERGY(HUIZHOU)CO.,LTD.

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA+ Band 2/4/5 4G Network LTE FDD Band 2/4/5/12/13/17/25/26/66/71 LTE TDD Band 41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)
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The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	GSM, WCDMA, LTE, WLAN, Bluetooth		
Frequency Range	GSM 850	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	GSM 1900	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850~1910 MHz	RX: 1930~1990 MHz
	LTE Band 4	TX: 1710~1755 MHz	RX: 2110~2115 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 12	TX: 699-716 MHz	RX: 729~746 MHz
	LTE Band 13	TX: 777-787 MHz	RX: 746~756 MHz
	LTE Band 17	TX: 704-716 MHz	RX: 734~746 MHz
	LTE Band 25	TX: 1850~1915 MHz	RX: 1930~1995 MHz
	LTE Band 26	TX: 814~849 MHz	RX: 859~894 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	LTE Band 71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2200 MHz
	LTE Band 41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	802.11b/g/n(HT20/HT40)	2412 ~ 2462 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT40 /VHT80)	5150 ~ 5250 MHz	
		5725 ~ 5850 MHz	
Bluetooth	2402 ~ 2480 MHz		
Antenna Type	FPC Antenna		
DTM	N/A		
Hotspot Function	Support		
Power Reduction	Support		
Exposure Category	General Population/Uncontrolled exposure		
Product Type	Portable Device		
EUT Type	☒ Production unit	☐ Identical prototype	

2.6 EUT Air Interface description

Air Interface	Bands	Type	C63.19	Simultaneous	Name of Voice Service	Power Mode
			Tested	Transmitter		
GSM	GSM850	VO	Yes	WLAN, BT	CMRS Voice	Pmax; Off
	GSM1900			WLAN, BT		
	EDGE850	VD	Yes	WLAN, BT	Google Meet	
	EDGE1900			WLAN, BT		
UMTS	Band2	VO	Yes	WLAN, BT	CMRS Voice	Pmax; Off
	Band4			WLAN, BT		
	Band5			WLAN, BT		
	HSPA	VD	Yes	WLAN, BT	Google Meet	
LTE(FDD)	Band2	VD	Yes	WLAN, BT	VoLTE/GoogleMeet	Pmax; Off
	Band4			WLAN, BT		
	Band5			WLAN, BT		
	Band12			WLAN, BT		
	Band13			WLAN, BT		
	Band17			WLAN, BT		
	Band25			WLAN, BT		
	Band26			WLAN, BT		
	Band66			WLAN, BT		
	Band71			WLAN, BT		
LTE(TDD)	Band41	VD	Yes	WLAN, BT	VoLTE/GoogleMeet	Pmax; Off
WIFI	2450	VD	Yes	GSM, UMTS, LTE	VoWIFI/ Google Meet	Pmax; Off
	U-NII-1			GSM, UMTS, LTE		
	U-NII-3			GSM, UMTS, LTE		
BT	2450	DT	No	GSM, UMTS, LTE	N/A	N/A

Type Transport:

VO: Voice Only

DT: Digital Transport only (no voice)

VD: CMRS and/or IP Voice Service over Digital Transport

Note1: According to FCC guidance and Waiver DA 23-914 only requires conversational gain compliance for CMRS narrowband and CMRS wideband voice codecs as stated below. All other codecs either part of 3GPP set such as full-band and super-wideband codecs or OTT codecs are to be documented in the test report but not required to comply with the TIA 5050 Volume Control Standard.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 20.19	Hearing aid-compatible mobile handsets.
2	ANSI C63.19-2019	American National Standard Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids
3	ANSI/TIA-5050-2018	Receive Volume Control Requirements for Wireless (Mobile) Devices
4	KDB 285076 D01 HAC Guidance v06r04	Provides equipment authorization guidance for mobile handsets subject to the requirements of Section 20.19 for hearing aid compatibility
5	KDB 285076 D04 Volume Control v02	Guidance for Performing Volume Control Measurements on Mobile Handsets
6	KDB 285076 D05 CG Interim Waiver DA 23-914 v01	HAC Compliance Under Waiver DA 23-914

3.2 Lowest Conversational Gain for Volume Control Test

Mounting Force	Lowest Conversational Gain(dB)
2N	9.34
8N	12.47
Note1: Please refer to Section 7 for detailed test results.	

3.3 Volume Control Test Requirement

3.3.1 Conversational Gain Performance

1. According to KDB 285076D05, for the 2N mounting force test, one narrowband and one wideband voice codec embedded with the handset must pass with at least one volume control setting with a Conversational gain of > 6 dB for all voice services, bands of operation and air interfaces over which it operates using one codec bit rate of the applicant's choosing.
2. According to KDB 285076D05, for the 8N mounting force test, one narrowband and one wideband voice codec embedded with the handset must pass with at least one volume control setting with a Conversational gain of > 6 dB for all voice services, bands of operation and air interfaces over which they operate but is not required to meet or exceed the full 18 dB of Conversational gain specified in section 5.1.1 of the TIA 5050 Volume Control Standard using one codec bit rate of the applicant's choosing.
3. Calculate the Conversational Gain by subtracting 70 dB from the measured dB SPL. That is Monoaural Conversational Gain = (Measured dB SPL - 70 dB SPL) dB.

3.3.2 Receive Distortion and Noise Performance

With a mounting force of 8N and 2N, the ratio of the stimulus signal power to the 100 Hz to 8000 Hz total A-weighted distortion and noise power shall be ≥ 20 dB when tested over the range of 1/3 octave band center frequencies:

1. Narrowband transmission mode: Each 1/3 octave band center frequency from 400 Hz to 3150 Hz.
2. Wideband transmission mode: Each 1/3 octave band center frequency from 250 Hz to 5000 Hz.
3. According to KDB 285076 D05, choosing one narrowband and one wideband for all voice services, bands of operation and air interfaces over which it operates using one codec bit rate of the applicant's choosing to meet Receive Distortion and Noise requirement.

3.3.3 Receive Acoustic Frequency Response Performance

The receive acoustic frequency response is required to be met when tested with a handset mounting force of 2N and 8N. For a hearing device, a 2N force is used to simulate usage of the handset by a person with a hearing device in the microphone (acoustic) mode.

The receive frequency response is the ratio of the output sound pressure at the listener reference point (LRP) (FF or DF) to the voltage input to the reference codec, or digital bit stream equivalent, as shown in Eq 1 for each frequency or frequency band (f_i):

$$S_{JE} = 20 \log_{10}(P_E/V_R) \text{ dB re } 1 \text{ Pa/V} \quad \text{Eq 1}$$

Where

S_{JE} = Receive Sensitivity, Junction to Ear, at f_i .

P_E = LRP sound pressure measured by ear simulator at DRP and translated to the FF or DF (see Annex B), at f_i .

V_R = RMS input voltage to the reference codec, or digital bit stream equivalent, at f_i .

For the volume control settings determined in section 5.1.1 of ANSI/TIA-5050 with a mounting force of 8N and 2N, the receive frequency response shall be measured at the DRP in 1/12 octave bands. After translation to the FF or DF, it shall fall between the applicable upper and lower limits.

The exact limit values at any 1/12 octave band center frequency falling between two consecutive points specified in the table may be calculated using the formula given in Eq 2 below:

$$X_f = X_1 + (X_2 - X_1) * \left(\frac{\log_{10} f - \log_{10} f_1}{\log_{10} f_2 - \log_{10} f_1} \right)$$

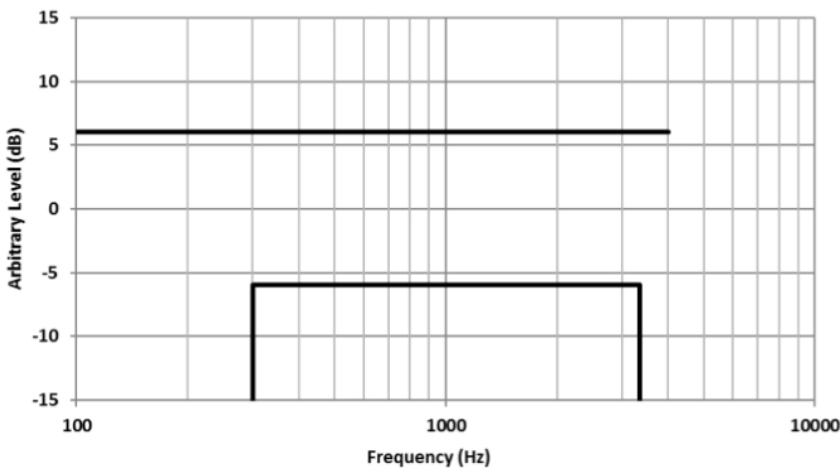
Eq 2

Where

- X_f = limit value at frequency f
- X_1 = limit value at frequency f_1 as given in table
- X_2 = limit value at frequency f_2 as given in table

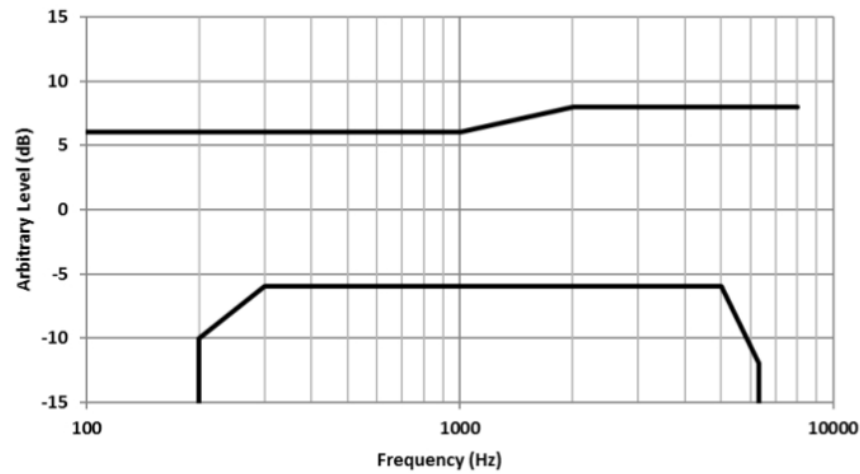
1. Narrowband: The 1/12 octave band frequency response after translation to the FF or DF shall fall between the upper and lower limits below.

Lower Limit Frequency (Hz)	Lower Limit (dB)	Upper Limit Frequency (Hz)	Upper Limit (dB)
300	-6	100	+6
3400	-6	4000	+6



2. Wideband: The 1/12 octave band frequency response after translation to the FF or DF shall fall between the upper and lower limits below.

Lower Limit Frequency (Hz)	Lower Limit (dB)	Upper Limit Frequency (Hz)	Upper Limit (dB)
200	-10	100	+6
300	-6	1000	+6
5000	-6	2000	+8
6300	-12	8000	+8



3.4 HAC Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ANSI C 63.19:2019. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Component	Standard uncertainty (dB)	U^2 (%)
Generator Accuracy To enable harmonic distortion measurements to 0.1%, the generator distortion must be <0.05%. This is equivalent to a standard uncertainty of 0.043 dB.	0.043	0.25
Ear Simulator Pressure Sensitivity (incl. Measurement Mic.) The uncertainty of the ear simulator as per the standards and quoted on its calibration certificate is 0.3 dB with a coverage factor of $k = 2$. This is equivalent to a standard uncertainty of $0.3/2 = 0.15$ dB.	0.15	2.98
Microphone Preamplifier The manufacturer quotes the preamp to be within ± 0.02 dB with a 95% probability or 2σ . This is equivalent to a standard uncertainty of $0.02/2 = 0.01$ dB.	0.01	0.01
Analysis System / RMS Detector Typical measurement system detector accuracy is 0.1 dB with a coverage factor of $k = 2$. This is equivalent to a standard uncertainty of $0.1/2 = 0.05$ dB.	0.05	0.33
Effect of Positioning on Mid-Band Sensitivity For a handset, with the HATS positioning jig, the typical standard deviation estimated from a statistically significant number of measurements is ± 1.2 dB. This is equivalent to a standard uncertainty of 1.2 dB.	1.2	190.87
Time Varying Effects of the Mouth Simulator for Send & Sidetone For a receive measurement on a handset, the mouth simulator is not used (its uncertainty is zero), The standard uncertainty of 0 dB	0	0
Total Standard Uncertainty (%)	13.94	
UMAX ($k = 2$) (%)	27.89	
UMAX ($k = 2$) (dB)	1.07	

4 MEASUREMENT SYSTEM

4.1 Test Arrangement

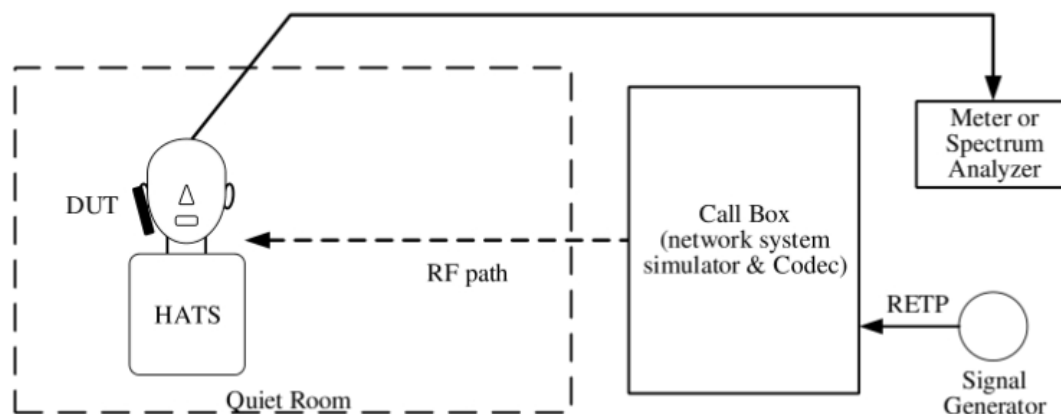


Figure 3.1 Test Arrangement

1. The Call Box passes the voice channel stream to the DUT without modification. There is no gain or loss in the voice channel stream due to the Call Box interface,
2. The RETP (receive electrical test point) is the point in the device test arrangement where signals are applied to the DUT in the receive direction.
3. A room with background noise no greater than 40 dBA.
4. The callbox of CMW500 or CMX 500 is used to GSM, UMTS, VoLTE, Vo NR over IMS and Vo-WiFi over IMS Volume Control measurement, the data application unit of the CMW500 or CMX 500 was used to simulate the IP multimedia subsystem server. And the CMW500 or CMX500 can be manually configured to ensure and control the speech input level result is -20dBm0 for GSM/UMTS/VoLTE/VoNR and VoWiFi when the device during the IMS connection.
5. Pre KDB 285076 D04 the procedures for the receive volume control performance can be found in section 5.1 of TIA-5050. An ITU-T P 58compliant Head and Torso Simulator (HATS) is required for all testing. irrespective of codec or air interface tested the test signal must be used in accordance with IEEE standard 269 based on the uncompressed real male speech with an active speech level (ASL) of -20 dBm0.

5 Volume Control Measurement Procedure

5.1 Conversational Gain Performance

1. Configure the DUT with a mounting force of 8N and test equipment as shown in Figure 1 in an active call state with the applicable codec for the transmission mode under test.
2. Set the DUT volume control to the maximum setting.
3. If the DUT has an adjustable tone control feature, a tone control setting that meets the frequency response requirements in ANSI/TIA-5050 section 5.3.1 shall be used.
4. The ACQUA system is apply the real speech test signal at a level of -20 dBm0 at the RETP and measure the acoustic output at the Drum Reference Point (DRP) over one complete sequence of the test signal.
5. Translate the measurement made at the DRP to the Free Field (FF) using the translation data in Annex B of ANSI/TIA-5050.
6. Over the applicable frequency band, determine the ASL in dB SPL for the resulting sound pressure level in accordance with Method B of ITU-T Recommendation P.56:
 - a) Narrowband 100 Hz through 4000 Hz.
 - b) Wideband 100 Hz through 7720 Hz.
7. Calculate the Conversational Gain by subtracting 70 dB from the measured dBSPL.
[Conversational Gain = (Measured dB SPL Level - 70 dB SPL) dB]
8. Measure the output distortion per clause 5.2. If a distortion failure occurs at the maximum volume control setting, reduce the volume control setting and repeat the measurement to determine if a setting can be found for which the conversational gain requirement is met without a distortion failure.
9. Repeat steps 2-8 with a mounting force of 2N.

5.2 Receive Distortion and Noise Performance

1. Configure the DUT with a mounting force of 8N and test equipment as shown in Figure 1 in an active call state with the applicable codec for the transmission mode under test with the volume control at the setting determined in 5.1.1 of ANSI/TIA-5050.
2. Receive distortion and noise is measured using the PN-SDNR procedure as described in Annex A of ANSI/TIA-5050.
3. To ensure DUT activation, ACQUA system is apply the real speech test signal at a level of -20 dBm0 followed immediately by the initial 1/3 octave center frequency PN test signal in Table A.1 of ANSI/TIA-5050 based on the narrowband or wideband operating mode. Measure the acoustic output at the DRP over the complete sequence of the PN test signal.
4. Translate the measurement made at the DRP to the FF using the translation data in Annex B of ANSI/TIA-5050.
5. Calculate the acoustic output unweighted total signal power of the stimulus measurement band as described in A.2 of ANSI/TIA-5050.
6. Calculate the notched A-weighting distortion and noise components as described in A.3 of ANSI/TIA-5050. Calculate the ratio of the signal power to the total A-weighted distortion and noise power using Eq A-1 of ANSI/TIA-5050.
7. Repeat for each of the remaining 1/3 octave center frequencies in Table A.1 of ANSI/TIA-5050 based on the narrowband or wideband operating mode.
10. Repeat steps 2-8 with a mounting force of 2N.

5.3 Receive Acoustic Frequency Response Performance

1. Configure the DUT with a mounting force of 8N and test equipment as shown in Figure 1 in an active call state with the applicable codec for the transmission mode under test with the volume control at the setting determined in 5.1.1 of ANSI/TIA-5050.
2. If the DUT has an adjustable tone control feature the initial measurement is to be performed with the default tone control setting.
3. The ACQUA system is apply the real speech test signal with a level of -20 dBm0 at the RETP.
4. Capture the frequency spectrum at the DRP of the HATS using real-time analysis with 1/12 octave bands over the frequency range from 100 Hz to 4000 Hz for narrowband measurements, or over the frequency range from 100 Hz to 8000 Hz for wideband measurements, averaged over the entire duration of the test signal.
5. Transform the DRP frequency spectrum measurement to the FF or DF (see Annex B of ANSI/TIA-5050).
6. Divide the 1/12 octave measurement data by the 1/12 octave frequency spectrum of the test signal at the RETP and present the measurement in terms of dB (Pa/V).
7. Apply the applicable frequency response limits to determine compliance.
8. If the default tone control setting does not meet the requirement, repeat the above steps for other tone control settings to determine a tone control setting that meets the requirements.
9. Repeat with a mounting force of 2N

6 Device Support Codec

General Guidance

1. According to KDB 285076 D04, it's not required that every combination of codec, codec data rate, air interface, band, band channel, bandwidth, modulation data rate, subcarrier spacings, and resource blocks to be documented in a test report. However, it is expected to investigate and document only the worst-case test conditions and results. Each submitted test report shall document the codec type (i.e., NB, WB, EVS, etc.), every air interface (i.e., LTE, 5G NR, WI-FI), and band supported for the worst-case codec bit rate, band channel, bandwidth, air interface bit rate, subcarrier spacings, and resource blocks.
2. According to KDB 285076 D05 only CMRS narrowband and CMRS wideband voice codecs are required to comply with the volume control requirements of the ANSI/TIA 5050 Volume Control Standard. Other codecs out of 3GPP such as full-band and super-wideband codec or OTT VoIP codecs should be documented in the test report but not required to comply with the requirements of ANSI/TIA 5050, therefore 5G NR for the Google Meet is not required.

6.1 Support Codec

GSM Support Codec

Codec/Bitrates (kbps)	
AMR NB	AMR WB
4.75	6.6
5.15	8.85
5.9	12.65
6.7	/
7.4	/
7.95	/
10.2	/
12.2	/
/	/

W-CDMA Support Codec

Codec/Bitrates (kbps)	
AMR NB	AMR WB
4.75	6.6
5.15	8.85
5.9	12.65
6.7	14.25
7.4	15.85
7.95	18.25
10.2	19.85
12.2	23.05
/	23.85

VoLTE/VoWi-Fi Support Codec

Codec/Bitrates (kbps)				
AMR NB	AMR WB	EVS NB	EVS WB	EVS SWB
4.75	6.6	5.9	5.9	/
5.15	8.85	7.2	7.2	/
5.9	12.65	8	8	/
6.7	14.25	9.6	9.6	/
7.4	15.85	13.2	13.2	/
7.95	18.25	/	/	/
10.2	19.85	/	/	/
12.2	23.05	/	/	/
/	23.85	/	/	/
/	/	/	/	/
/	/	/	/	/
/	/	/	/	/

VoIP Support Codec

Google Meet Codec/Bitrates (kbps)	
OPUS	
6	
40	
75	

7 Volume Control Test Results

General Note:

1. Per KDB 285076 D05, in section 2 addresses the technical testing requirements for the conversational gain, distortion, and frequency response tests that amends KDB 285076 D04 Volume Control under the conditions of the limited-term waiver DA 23-914, as follows:
 - a. Under the waiver, only CMRS narrowband and CMRS wideband voice codecs are required to comply with the volume control requirements of the TIA 5050-2018 Volume Control Standard as amended as follows:
 - a) For the 2N mounting force test, one narrowband and one wideband voice codec embedded with the handset must pass with at least one volume control setting with a conversational gain of ≥ 6 dB for all voice services, bands of operation and air interfaces over which it operates using one codec bit rate of the applicant's choosing
 - b) For the 8N mounting force test, one narrowband and one wideband voice codec embedded with the handset must pass with at least one volume control setting with a conversational gain of ≥ 6 dB for all voice services, bands of operation and air interfaces over which they operate but is not required to meet or exceed the full 18 dB of conversational gain specified in section 5.1.1 of the TIA 5050 Volume Control Standard using one codec bit rate of the applicant's choosing
 - b. For all other narrowband and wideband codecs not evaluated in 2.a. above, TIA 5050-2018 Receive Distortion and Noise Performance and Receive Acoustic Frequency Response Performance evaluations are not required; however, these codecs shall be assessed for conversational gain and documented in the test report at the 2N and 8N levels with a gain of ≥ 6 dB for all voice services, bands of operation and air interfaces over which they operate. The handset volume setting used to comply with 2.a. shall be used for these other CMRS codec evaluations.
 - c. Any other codec for voice services embedded in the handset, not identified in 2.a. and 2.b. above, is not required to comply or demonstrate in the test reports for conversational gain.
2. All Volume Control measurements were performed with maximum setting.
3. The product is tested in the quiet room and ambient noise is less than 40dBA.
4. Conversational Gain = (measured dBSPL Level – 70 dBSPL) dB
5. Through Internal radio configuration investigation (e.g. bandwidth, modulation data rate, subcarrier spacing, and resource blocks) that the worst radio configuration was documented as below table.
6. According to KDB 285076 D05 and document of DA 23-914 item 30, the manufacturer only perform EVS codec to meet distortion/noise and frequency response tests at the 2N and 8N force levels.

7.1 Test Results for KDB 285076 D05 2.a

Confirm the lowest configuration:

Mode	RF Bandwidth (MHz)	Radio Configuration	Channel	HAC Mode	Mounting Force (N)	Audio Codec (Kbps)	Codec Bandwidth	Codec Bitrate(kbps)	Measured dBSPL Level	Conversational Gain (CG) (dB)	FCC CGLimit (dB)	CG Margin (dB)	Verdict
LTE Band2	20	BW 20 QPSK/1RB/0RB	18900	On	2	AMR	NB	4.75	79.92	9.92	6	3.92	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	AMR	NB	7.40	80.28	10.28	6	4.28	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	AMR	NB	12.20	80.06	10.06	6	4.06	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	AMR	WB	6.60	80.03	10.03	6	4.03	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	AMR	WB	15.85	80.45	10.45	6	4.45	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	AMR	WB	23.85	80.55	10.55	6	4.55	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	EVS	NB	5.90	79.99	9.99	6	3.99	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	EVS	NB	8.00	80.22	10.22	6	4.22	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	EVS	NB	13.20	79.91	9.91	6	3.91	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	EVS	WB	5.90	80.38	10.38	6	4.38	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	EVS	WB	8.00	80.19	10.19	6	4.19	Pass
	20	BW 20 QPSK/1RB/0RB	18900	On	2	EVS	WB	13.20	79.99	9.99	6	3.99	Pass
	20	QPSK/1RB/0RB	18900	On	2	EVS	NB	13.20	80.55	10.55	6	4.55	Pass
	20	QPSK/50RB/0RB	18900	On	2	EVS	NB	13.20	80.63	10.63	6	4.63	Pass
	20	QPSK/100RB/0RB	18900	On	2	EVS	NB	13.20	80.45	10.45	6	4.45	Pass
	20	16QAM/1RB/0RB	18900	On	2	EVS	NB	13.20	80.22	10.22	6	4.22	Pass
	20	64QAM/1RB/0RB	18900	On	2	EVS	NB	13.20	80.45	10.45	6	4.45	Pass
	20	256QAM/1RB/0RB	18900	On	2	EVS	NB	13.20	80.23	10.23	6	4.23	Pass
	20	256QAM/1RB/0RB	18900	On	2	EVS	NB	13.20	80.26	10.26	6	4.26	Pass
	15	QPSK/1RB/0RB	18900	On	2	EVS	NB	13.20	80.58	10.58	6	4.58	Pass
	10	QPSK/1RB/0RB	18900	On	2	EVS	NB	13.20	80.38	10.38	6	4.38	Pass
	5	QPSK/1RB/0RB	18900	On	2	EVS	NB	13.20	80.61	10.61	6	4.61	Pass

Note:

- 1.Phone Condition: Phone Condition: Mute off; Backlight off; Max Contrast
- 2.Test Signal: IEEE Std 269 uncompressed real male speech
- 3.Hearing Aid Mode was set according to the following menu path: (Phone Call Settings>Accessibility>Hearing aids) was set to ON for HAC compliance.
- 4.Bluetooth and WIFI were disabled while testing 2G/3G/4G modes.
- 5.WD was evaluated with one volume notch down from MAX volume setting for HAC compliance.
- 6.The FCC Margin from Limit column indicates a margin from the FCC limit for compliance

7.1.1 LTE Test Results

Volume Control Test Results					Conversational Gain Performance					Distortion and Noise Performance				Frequency Response Performance		Plots Num.
Air Interface	Radio Configuration	Channel	Mounting Force (N)	Audio Codec (Kbps)	Meas. dB SPL Level	Conversational Gain Level	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	Minimum PN- SDNR (dB)	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	Free Field (FF)	Pass/ Fail	
Band2	20M/QPSK/1RB/0	18900	2	EVS-NB 13.2	79.77	9.77	≥6	3.77	Pass	22.61	≥20	2.61	Pass	0.48	Pass	/
Band2	20M/QPSK/1RB/0	18900	2	EVS-WB 13.2	79.71	9.71	≥6	3.71	Pass	22.06	≥20	2.06	Pass	2.91	Pass	1#
Band2	20M/QPSK/1RB/0	18900	8	EVS-NB 13.2	82.51	12.51	≥6	6.51	Pass	22.69	≥20	2.69	Pass	0.36	Pass	2#
Band2	20M/QPSK/1RB/0	18900	8	EVS-WB 13.2	82.57	12.57	≥6	6.57	Pass	23.07	≥20	3.07	Pass	2.40	Pass	/
Band4	20M/QPSK/1RB/0	20175	2	EVS-NB 13.2	79.84	9.84	≥6	3.84	Pass	22.32	≥20	2.32	Pass	0.49	Pass	/
Band4	20M/QPSK/1RB/0	20175	2	EVS-WB 13.2	79.64	9.64	≥6	3.64	Pass	22.02	≥20	2.02	Pass	3.11	Pass	3#
Band4	20M/QPSK/1RB/0	20175	8	EVS-NB 13.2	82.47	12.47	≥6	6.47	Pass	22.62	≥20	2.62	Pass	0.37	Pass	4#
Band4	20M/QPSK/1RB/0	20175	8	EVS-WB 13.2	82.58	12.58	≥6	6.58	Pass	22.23	≥20	2.23	Pass	2.71	Pass	/
Band5	10M/QPSK/1RB/0	20525	2	EVS-NB 13.2	79.34	9.34	≥6	3.34	Pass	22.18	≥20	2.18	Pass	0.24	Pass	5#
Band5	10M/QPSK/1RB/0	20525	2	EVS-WB 13.2	80.48	10.48	≥6	4.48	Pass	23.28	≥20	3.28	Pass	3.03	Pass	/
Band5	10M/QPSK/1RB/0	20525	8	EVS-NB 13.2	83.41	13.41	≥6	7.41	Pass	22.05	≥20	2.05	Pass	0.12	Pass	/
Band5	10M/QPSK/1RB/0	20525	8	EVS-WB 13.2	83.36	13.36	≥6	7.36	Pass	23.63	≥20	3.63	Pass	2.28	Pass	6#
Band12	10M/QPSK/1RB/0	23095	2	EVS-NB 13.2	79.93	9.93	≥6	3.93	Pass	23.90	≥20	3.90	Pass	0.44	Pass	7#
Band12	10M/QPSK/1RB/0	23095	2	EVS-WB 13.2	80.61	10.61	≥6	4.61	Pass	23.50	≥20	3.50	Pass	2.40	Pass	/
Band12	10M/QPSK/1RB/0	23095	8	EVS-NB 13.2	83.21	13.21	≥6	7.21	Pass	21.91	≥20	1.91	Pass	0.33	Pass	8#
Band12	10M/QPSK/1RB/0	23095	8	EVS-WB 13.2	83.84	13.84	≥6	7.84	Pass	22.59	≥20	2.59	Pass	2.27	Pass	/
Band13	10M/QPSK/1RB/0	23230	2	EVS-NB 13.2	79.97	9.97	≥6	3.97	Pass	20.21	≥20	0.21	Pass	0.54	Pass	9#
Band13	10M/QPSK/1RB/0	23230	2	EVS-WB 13.2	80.48	10.48	≥6	4.48	Pass	22.10	≥20	2.10	Pass	2.91	Pass	/
Band13	10M/QPSK/1RB/0	23230	8	EVS-NB 13.2	83.21	13.21	≥6	7.21	Pass	20.61	≥20	0.61	Pass	0.47	Pass	10#
Band13	10M/QPSK/1RB/0	23230	8	EVS-WB 13.2	83.41	13.41	≥6	7.41	Pass	24.04	≥20	4.04	Pass	2.56	Pass	/
Band17	10M/QPSK/1RB/0	23790	2	EVS-NB 13.2	79.75	9.75	≥6	3.75	Pass	20.72	≥20	0.72	Pass	0.57	Pass	11#
Band17	10M/QPSK/1RB/0	23790	2	EVS-WB 13.2	80.54	10.54	≥6	4.54	Pass	21.69	≥20	1.69	Pass	3.00	Pass	/
Band17	10M/QPSK/1RB/0	23790	8	EVS-NB 13.2	83.05	13.05	≥6	7.05	Pass	20.81	≥20	0.81	Pass	0.46	Pass	12#
Band17	10M/QPSK/1RB/0	23790	8	EVS-WB 13.2	83.22	13.22	≥6	7.22	Pass	22.67	≥20	2.67	Pass	2.72	Pass	/
Band25	20M/QPSK/1RB/0	26365	2	EVS-NB 13.2	79.84	9.84	≥6	3.84	Pass	22.51	≥20	2.51	Pass	0.47	Pass	/
Band25	20M/QPSK/1RB/0	26365	2	EVS-WB 13.2	79.71	9.71	≥6	3.71	Pass	23.01	≥20	3.01	Pass	2.96	Pass	13#
Band25	20M/QPSK/1RB/0	26365	8	EVS-NB 13.2	82.52	12.52	≥6	6.52	Pass	22.72	≥20	2.72	Pass	0.32	Pass	14#
Band25	20M/QPSK/1RB/0	26365	8	EVS-WB 13.2	82.60	12.60	≥6	6.60	Pass	22.54	≥20	2.54	Pass	2.60	Pass	/
Band26	15M/QPSK/1RB/0	26865	2	EVS-NB 13.2	80.14	10.14	≥6	4.14	Pass	20.82	≥20	0.82	Pass	0.81	Pass	15#
Band26	15M/QPSK/1RB/0	26865	2	EVS-WB 13.2	80.32	10.32	≥6	4.32	Pass	23.48	≥20	3.48	Pass	2.93	Pass	/
Band26	15M/QPSK/1RB/0	26865	8	EVS-NB 13.2	83.03	13.03	≥6	7.03	Pass	21.02	≥20	1.02	Pass	0.54	Pass	16#
Band26	15M/QPSK/1RB/0	26865	8	EVS-WB 13.2	83.39	13.39	≥6	7.39	Pass	20.83	≥20	0.83	Pass	2.69	Pass	/
Band66	20M/QPSK/1RB/0	132322	2	EVS-NB 13.2	80.19	10.19	≥6	4.19	Pass	23.17	≥20	3.17	Pass	0.54	Pass	/
Band66	20M/QPSK/1RB/0	132322	2	EVS-WB 13.2	79.77	9.77	≥6	3.77	Pass	23.16	≥20	3.16	Pass	2.83	Pass	17#
Band66	20M/QPSK/1RB/0	132322	8	EVS-NB 13.2	82.60	12.60	≥6	6.60	Pass	23.16	≥20	3.16	Pass	0.44	Pass	18#
Band66	20M/QPSK/1RB/0	132322	8	EVS-WB 13.2	82.93	12.93	≥6	6.93	Pass	22.69	≥20	2.69	Pass	2.31	Pass	/
Band71	20M/QPSK/1RB/0	133322	2	EVS-NB 13.2	79.85	9.85	≥6	3.85	Pass	23.32	≥20	3.32	Pass	0.78	Pass	/
Band71	20M/QPSK/1RB/0	133322	2	EVS-WB 13.2	79.58	9.58	≥6	3.58	Pass	22.21	≥20	2.21	Pass	2.73	Pass	19#

Band71	20M/QPSK/1RB/0	133322	8	EVS-NB 13.2	82.65	12.65	≥6	6.65	Pass	23.31	≥20	3.31	Pass	0.52	Pass	20#
Band71	20M/QPSK/1RB/0	133322	8	EVS-WB 13.2	82.91	12.91	≥6	6.91	Pass	21.64	≥20	1.64	Pass	2.39	Pass	/
Band41	20M/QPSK/1RB/0	40620	2	EVS-NB 13.2	80.13	10.13	≥6	4.13	Pass	23.21	≥20	3.21	Pass	0.51	Pass	21#
Band41	20M/QPSK/1RB/0	40620	2	EVS-WB 13.2	80.38	10.38	≥6	4.38	Pass	21.68	≥20	1.68	Pass	3.12	Pass	/
Band41	20M/QPSK/1RB/0	40620	8	EVS-NB 13.2	83.02	13.02	≥6	7.02	Pass	22.90	≥20	2.90	Pass	0.12	Pass	22#
Band41	20M/QPSK/1RB/0	40620	8	EVS-WB 13.2	83.11	13.11	≥6	7.11	Pass	23.04	≥20	3.04	Pass	2.87	Pass	/

7.1.2 WIFI Test Results

Volume Control Test Results					Conversational Gain Performance					Distortion and Noise Performance				Frequency Response Performance		Plots Num.
Air Interface	Radio Configuration	Channel	Mounting Force (N)	Audio Codec (Kbps)	Meas. dBSPL Level	Conversational Gain Level	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	Minimum PN- SDNR (dB)	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	Free Field (FF)	Pass/ Fail	
2.4G WLAN	802.11b 1Mbps	6	2	EVS-NB 13.2	83.91	13.91	≥6	7.91	Pass	22.53	≥20	2.53	Pass	1.49	Pass	23#
2.4G WLAN	802.11b 1Mbps	6	2	EVS-WB 13.2	86.19	16.19	≥6	10.19	Pass	20.42	≥20	0.42	Pass	3.35	Pass	/
2.4G WLAN	802.11b 1Mbps	6	8	EVS-NB 13.2	88.88	18.88	≥6	12.88	Pass	23.44	≥20	3.44	Pass	1.53	Pass	24#
2.4G WLAN	802.11b 1Mbps	6	8	EVS-WB 13.2	91.21	21.21	≥6	15.21	Pass	20.33	≥20	0.33	Pass	1.67	Pass	/
5.2G WLAN	802.11a 6Mbps	44	2	EVS-NB 13.2	83.97	13.97	≥6	7.97	Pass	22.15	≥20	2.15	Pass	1.53	Pass	25#
5.2G WLAN	802.11a 6Mbps	44	2	EVS-WB 13.2	86.20	16.20	≥6	10.20	Pass	20.11	≥20	0.11	Pass	3.34	Pass	/
5.2G WLAN	802.11a 6Mbps	44	8	EVS-NB 13.2	88.78	18.78	≥6	12.78	Pass	22.03	≥20	2.03	Pass	1.54	Pass	26#
5.2G WLAN	802.11a 6Mbps	44	8	EVS-WB 13.2	91.03	21.03	≥6	15.03	Pass	20.56	≥20	0.56	Pass	1.71	Pass	/
5.3G WLAN	802.11a 6Mbps	60	2	EVS-NB 13.2	83.61	13.61	≥6	7.61	Pass	20.46	≥20	0.46	Pass	1.94	Pass	27#
5.3G WLAN	802.11a 6Mbps	60	2	EVS-WB 13.2	86.04	16.04	≥6	10.04	Pass	20.96	≥20	0.96	Pass	3.22	Pass	/
5.3G WLAN	802.11a 6Mbps	60	8	EVS-NB 13.2	88.80	18.80	≥6	12.80	Pass	22.93	≥20	2.93	Pass	1.55	Pass	28#
5.3G WLAN	802.11a 6Mbps	60	8	EVS-WB 13.2	91.21	21.21	≥6	15.21	Pass	21.24	≥20	1.24	Pass	1.81	Pass	/
5.6G WLAN	802.11a 6Mbps	116	2	EVS-NB 13.2	83.91	13.91	≥6	7.91	Pass	21.27	≥20	1.27	Pass	1.88	Pass	29#
5.6G WLAN	802.11a 6Mbps	116	2	EVS-WB 13.2	85.95	15.95	≥6	9.95	Pass	20.09	≥20	0.09	Pass	3.51	Pass	/
5.6G WLAN	802.11a 6Mbps	116	8	EVS-NB 13.2	88.62	18.62	≥6	12.62	Pass	21.88	≥20	1.88	Pass	1.39	Pass	30#
5.6G WLAN	802.11a 6Mbps	116	8	EVS-WB 13.2	91.13	21.13	≥6	15.13	Pass	21.06	≥20	1.06	Pass	1.90	Pass	/
5.8G WLAN	802.11a 6Mbps	157	2	EVS-NB 13.2	83.78	13.78	≥6	7.78	Pass	22.75	≥20	2.75	Pass	2.02	Pass	31#
5.8G WLAN	802.11a 6Mbps	157	2	EVS-WB 13.2	86.32	16.32	≥6	10.32	Pass	20.41	≥20	0.41	Pass	3.33	Pass	/
5.8G WLAN	802.11a 6Mbps	157	8	EVS-NB 13.2	88.76	18.76	≥6	12.76	Pass	22.94	≥20	2.94	Pass	1.63	Pass	32#
5.8G WLAN	802.11a 6Mbps	157	8	EVS-WB 13.2	91.35	21.35	≥6	15.35	Pass	21.58	≥20	1.58	Pass	1.88	Pass	/

7.2 Test Results for KDB 285076 D05 2.b

7.2.1 GSM Test Results

Volume Control Test Results					Conversational Gain Performance					Plots Num.
Air Interface	Radio Configuration	Channel	Audio Codec (Kbps)	Moutig Force (N)	Meas. dB SPL Level	Conversational Gain Level	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	
GSM850	GSM Voice	189	AMR NB 4.75	2	84.92	14.92	≥6	8.92	Pass	/
GSM850	GSM Voice	189	AMR NB 12.2	2	84.63	14.63	≥6	8.63	Pass	33#
GSM850	GSM Voice	189	AMR WB 6.60	2	84.71	14.71	≥6	8.71	Pass	/
GSM850	GSM Voice	189	AMR WB 12.65	2	84.80	14.80	≥6	8.80	Pass	/
GSM850	GSM Voice	189	AMR NB 4.75	8	89.38	19.38	≥6	13.38	Pass	/
GSM850	GSM Voice	189	AMR NB 12.2	8	89.55	19.55	≥6	13.55	Pass	34#
GSM850	GSM Voice	189	AMR WB 6.60	8	89.61	19.61	≥6	13.61	Pass	/
GSM850	GSM Voice	189	AMR WB 12.65	8	89.42	19.42	≥6	13.42	Pass	/
GSM1900	GSM Voice	661	AMR NB 4.75	2	84.84	14.84	≥6	8.84	Pass	/
GSM1900	GSM Voice	661	AMR NB 12.2	2	84.56	14.56	≥6	8.56	Pass	35#
GSM1900	GSM Voice	661	AMR WB 6.60	2	84.71	14.71	≥6	8.71	Pass	/
GSM1900	GSM Voice	661	AMR WB 12.65	2	84.87	14.87	≥6	8.87	Pass	/
GSM1900	GSM Voice	661	EFR NB 12.2	8	89.25	19.25	≥6	13.25	Pass	/
GSM1900	GSM Voice	661	AMR NB 4.75	8	89.40	19.40	≥6	13.40	Pass	36#
GSM1900	GSM Voice	661	AMR NB 12.2	8	89.50	19.50	≥6	13.50	Pass	/
GSM1900	GSM Voice	661	AMR WB 6.60	8	89.58	19.58	≥6	13.58	Pass	/
GSM1900	GSM Voice	661	AMR WB 12.65	8	89.59	19.59	≥6	13.59	Pass	/

7.2.2 WCDMA Test Results

Volume Control Test Results					Conversational Gain Performance					Plots Num.
Air Interface	Radio Configuration	Channel	Audio Codec (Kbps)	Moutig Force (N)	Meas. dB SPL Level	Conversational Gain Level	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	
Band2	Voice	9400	AMR NB 4.75kbps	2	84.33	14.33	≥6	8.33	Pass	37#
Band2	Voice	9400	AMR NB 12.2kbps	2	84.73	14.73	≥6	8.73	Pass	/
Band2	Voice	9400	AMR WB 6.60kbps	2	85.69	15.69	≥6	9.69	Pass	/
Band2	Voice	9400	AMR WB 23.85kbps	2	86.21	16.21	≥6	10.21	Pass	/
Band2	Voice	9400	AMR NB 4.75kbps	8	88.21	18.21	≥6	12.21	Pass	/
Band2	Voice	9400	AMR NB 12.2kbps	8	88.91	18.91	≥6	12.91	Pass	38#
Band2	Voice	9400	AMR WB 6.60kbps	8	89.25	19.25	≥6	13.25	Pass	/
Band2	Voice	9400	AMR WB 23.85kbps	8	89.41	19.41	≥6	13.41	Pass	/
Band4	Voice	1413	AMR NB 4.75kbps	2	83.99	13.99	≥6	7.99	Pass	39#
Band4	Voice	1413	AMR NB 12.2kbps	2	84.89	14.89	≥6	8.89	Pass	/
Band4	Voice	1413	AMR WB 6.60kbps	2	85.79	15.79	≥6	9.79	Pass	/

Band4	Voice	1413	AMR WB 23.85kbps	2	86.10	16.10	≥6	10.10	Pass	/
Band4	Voice	1413	AMR NB 4.75kbps	8	88.17	18.17	≥6	12.17	Pass	40#
Band4	Voice	1413	AMR NB 12.2kbps	8	88.92	18.92	≥6	12.92	Pass	/
Band4	Voice	1413	AMR WB 6.60kbps	8	89.22	19.22	≥6	13.22	Pass	/
Band4	Voice	1413	AMR WB 23.85kbps	8	89.27	19.27	≥6	13.27	Pass	/
Band5	Voice	4182	AMR NB 4.75kbps	2	84.07	14.07	≥6	8.07	Pass	41#
Band5	Voice	4182	AMR NB 12.2kbps	2	84.68	14.68	≥6	8.68	Pass	/
Band5	Voice	4182	AMR WB 6.60kbps	2	85.80	15.80	≥6	9.80	Pass	/
Band5	Voice	4182	AMR WB 23.85kbps	2	85.78	15.78	≥6	9.78	Pass	/
Band5	Voice	4182	AMR NB 4.75kbps	8	88.20	18.20	≥6	12.20	Pass	42#
Band5	Voice	4182	AMR NB 12.2kbps	8	88.99	18.99	≥6	12.99	Pass	/
Band5	Voice	4182	AMR WB 6.60kbps	8	89.33	19.33	≥6	13.33	Pass	/
Band5	Voice	4182	AMR WB 23.85kbps	8	89.32	19.32	≥6	13.32	Pass	/

7.2.3 LTE Test Results

Volume Control Test Results					Conversational					Plots Num.
					Gain Performance					
Air Interface	Radio Configuration	Channel	Audio Codec (Kbps)	Moutig Force (N)	Meas. dB SPL Level	Conversational Gain Level	Limit (dB)	Margin to Limit (dB)	Pass/ Fail	
Band2	20M/QPSK/1RB/0	18900	AMR NB 4.75kbps	2	79.92	9.92	≥6	3.92	Pass	/
Band2	20M/QPSK/1RB/0	18900	AMR NB 12.2kbps	2	80.06	10.06	≥6	4.06	Pass	/
Band2	20M/QPSK/1RB/0	18900	AMR WB 6.60kbps	2	79.91	9.91	≥6	3.91	Pass	/
Band2	20M/QPSK/1RB/0	18900	AMR WB 23.85kbps	2	80.55	10.55	≥6	4.55	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS NB 5.9kbps	2	79.99	9.99	≥6	3.99	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS NB 13.2kbps	2	79.77	9.77	≥6	3.77	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS WB 5.9kbps	2	79.99	9.99	≥6	3.99	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS WB 13.2kbps	2	79.71	9.71	≥6	3.71	Pass	43#
Band2	20M/QPSK/1RB/0	18900	AMR NB 4.75kbps	8	83.72	13.72	≥6	7.72	Pass	/
Band2	20M/QPSK/1RB/0	18900	AMR NB 12.2kbps	8	83.74	13.74	≥6	7.74	Pass	/
Band2	20M/QPSK/1RB/0	18900	AMR WB 6.60kbps	8	83.33	13.33	≥6	7.33	Pass	/
Band2	20M/QPSK/1RB/0	18900	AMR WB 23.85kbps	8	83.40	13.40	≥6	7.40	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS NB 5.9kbps	8	83.60	13.60	≥6	7.60	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS NB 13.2kbps	8	82.51	12.51	≥6	6.51	Pass	44#
Band2	20M/QPSK/1RB/0	18900	EVS WB 5.9kbps	8	83.61	13.61	≥6	7.61	Pass	/
Band2	20M/QPSK/1RB/0	18900	EVS WB 13.2kbps	8	82.57	12.57	≥6	6.57	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR NB 4.75kbps	2	80.00	10.00	≥6	4.00	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR NB 12.2kbps	2	80.57	10.57	≥6	4.57	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR WB 6.60kbps	2	80.26	10.26	≥6	4.26	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR WB 23.85kbps	2	80.89	10.89	≥6	4.89	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS NB 5.9kbps	2	79.96	9.96	≥6	3.96	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS NB 13.2kbps	2	79.84	9.84	≥6	3.84	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS WB 5.9kbps	2	80.72	10.72	≥6	4.72	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS WB 13.2kbps	2	79.64	9.64	≥6	3.64	Pass	45#
Band4	20M/QPSK/1RB/0	20175	AMR NB 4.75kbps	8	82.72	12.72	≥6	6.72	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR NB 12.2kbps	8	83.60	13.60	≥6	7.60	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR WB 6.60kbps	8	83.17	13.17	≥6	7.17	Pass	/
Band4	20M/QPSK/1RB/0	20175	AMR WB 23.85kbps	8	83.62	13.62	≥6	7.62	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS NB 5.9kbps	8	83.00	13.00	≥6	7.00	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS NB 13.2kbps	8	82.47	12.47	≥6	6.47	Pass	46#
Band4	20M/QPSK/1RB/0	20175	EVS WB 5.9kbps	8	83.42	13.42	≥6	7.42	Pass	/
Band4	20M/QPSK/1RB/0	20175	EVS WB 13.2kbps	8	82.58	12.58	≥6	6.58	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR NB 4.75kbps	2	82.73	12.73	≥6	6.73	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR NB 12.2kbps	2	80.94	10.94	≥6	4.94	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR WB 6.60kbps	2	80.06	10.06	≥6	4.06	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR WB 23.85kbps	2	80.85	10.85	≥6	4.85	Pass	/
Band5	10M/QPSK/1RB/0	20525	EVS NB 5.9kbps	2	80.31	10.31	≥6	4.31	Pass	/
Band5	10M/QPSK/1RB/0	20525	EVS NB 13.2kbps	2	79.34	9.34	≥6	3.34	Pass	47#
Band5	10M/QPSK/1RB/0	20525	EVS WB 5.9kbps	2	80.56	10.56	≥6	4.56	Pass	/

Band5	10M/QPSK/1RB/0	20525	EVS WB 13.2kbps	2	80.48	10.48	≥6	4.48	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR NB 4.75kbps	8	83.10	13.10	≥6	7.10	Pass	48#
Band5	10M/QPSK/1RB/0	20525	AMR NB 12.2kbps	8	83.72	13.72	≥6	7.72	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR WB 6.60kbps	8	83.04	13.04	≥6	7.04	Pass	/
Band5	10M/QPSK/1RB/0	20525	AMR WB 23.85kbps	8	83.79	13.79	≥6	7.79	Pass	/
Band5	10M/QPSK/1RB/0	20525	EVS NB 5.9kbps	8	82.96	12.96	≥6	6.96	Pass	/
Band5	10M/QPSK/1RB/0	20525	EVS NB 13.2kbps	8	83.41	13.41	≥6	7.41	Pass	/
Band5	10M/QPSK/1RB/0	20525	EVS WB 5.9kbps	8	83.10	13.10	≥6	7.10	Pass	/
Band5	10M/QPSK/1RB/0	20525	EVS WB 13.2kbps	8	83.36	13.36	≥6	7.36	Pass	/
Band12	10M/QPSK/1RB/0	23095	AMR NB 4.75kbps	2	79.69	9.69	≥6	3.69	Pass	49#
Band12	10M/QPSK/1RB/0	23095	AMR NB 12.2kbps	2	80.59	10.59	≥6	4.59	Pass	/
Band12	10M/QPSK/1RB/0	23095	AMR WB 6.60kbps	2	83.21	13.21	≥6	7.21	Pass	/
Band12	10M/QPSK/1RB/0	23095	AMR WB 23.85kbps	2	83.35	13.35	≥6	7.35	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS NB 5.9kbps	2	81.44	11.44	≥6	5.44	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS NB 13.2kbps	2	79.93	9.93	≥6	3.93	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS WB 5.9kbps	2	81.35	11.35	≥6	5.35	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS WB 13.2kbps	2	80.61	10.61	≥6	4.61	Pass	/
Band12	10M/QPSK/1RB/0	23095	AMR NB 4.75kbps	8	82.95	12.95	≥6	6.95	Pass	/
Band12	10M/QPSK/1RB/0	23095	AMR NB 12.2kbps	8	83.53	13.53	≥6	7.53	Pass	/
Band12	10M/QPSK/1RB/0	23095	AMR WB 6.60kbps	8	82.88	12.88	≥6	6.88	Pass	50#
Band12	10M/QPSK/1RB/0	23095	AMR WB 23.85kbps	8	86.73	16.73	≥6	10.73	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS NB 5.9kbps	8	85.92	15.92	≥6	9.92	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS NB 13.2kbps	8	83.21	13.21	≥6	7.21	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS WB 5.9kbps	8	85.77	15.77	≥6	9.77	Pass	/
Band12	10M/QPSK/1RB/0	23095	EVS WB 13.2kbps	8	83.84	13.84	≥6	7.84	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR NB 4.75kbps	2	81.25	11.25	≥6	5.25	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR NB 12.2kbps	2	81.32	11.32	≥6	5.32	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR WB 6.60kbps	2	81.35	11.35	≥6	5.35	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR WB 23.85kbps	2	81.18	11.18	≥6	5.18	Pass	/
Band13	10M/QPSK/1RB/0	23230	EVS NB 5.9kbps	2	81.36	11.36	≥6	5.36	Pass	/
Band13	10M/QPSK/1RB/0	23230	EVS NB 13.2kbps	2	79.97	9.97	≥6	3.97	Pass	51#
Band13	10M/QPSK/1RB/0	23230	EVS WB 5.9kbps	2	80.90	10.90	≥6	4.90	Pass	/
Band13	10M/QPSK/1RB/0	23230	EVS WB 13.2kbps	2	80.48	10.48	≥6	4.48	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR NB 4.75kbps	8	85.87	15.87	≥6	9.87	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR NB 12.2kbps	8	85.90	15.90	≥6	9.90	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR WB 6.60kbps	8	85.87	15.87	≥6	9.87	Pass	/
Band13	10M/QPSK/1RB/0	23230	AMR WB 23.85kbps	8	86.05	16.05	≥6	10.05	Pass	/
Band13	10M/QPSK/1RB/0	23230	EVS NB 5.9kbps	8	85.90	15.90	≥6	9.90	Pass	/
Band13	10M/QPSK/1RB/0	23230	EVS NB 13.2kbps	8	83.21	13.21	≥6	7.21	Pass	52#
Band13	10M/QPSK/1RB/0	23230	EVS WB 5.9kbps	8	85.96	15.96	≥6	9.96	Pass	/
Band13	10M/QPSK/1RB/0	23230	EVS WB 13.2kbps	8	83.41	13.41	≥6	7.41	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR NB 4.75kbps	2	81.48	11.48	≥6	5.48	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR NB 12.2kbps	2	81.08	11.08	≥6	5.08	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR WB 6.60kbps	2	81.11	11.11	≥6	5.11	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR WB 23.85kbps	2	81.22	11.22	≥6	5.22	Pass	/
Band17	10M/QPSK/1RB/0	23790	EVS NB 5.9kbps	2	81.20	11.20	≥6	5.20	Pass	/

Band17	10M/QPSK/1RB/0	23790	EVS NB 13.2kbps	2	79.75	9.75	≥6	3.75	Pass	53#
Band17	10M/QPSK/1RB/0	23790	EVS WB 5.9kbps	2	81.45	11.45	≥6	5.45	Pass	/
Band17	10M/QPSK/1RB/0	23790	EVS WB 13.2kbps	2	80.54	10.54	≥6	4.54	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR NB 4.75kbps	8	85.83	15.83	≥6	9.83	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR NB 12.2kbps	8	85.82	15.82	≥6	9.82	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR WB 6.60kbps	8	85.90	15.90	≥6	9.90	Pass	/
Band17	10M/QPSK/1RB/0	23790	AMR WB 23.85kbps	8	85.76	15.76	≥6	9.76	Pass	/
Band17	10M/QPSK/1RB/0	23790	EVS NB 5.9kbps	8	85.88	15.88	≥6	9.88	Pass	/
Band17	10M/QPSK/1RB/0	23790	EVS NB 13.2kbps	8	83.05	13.05	≥6	7.05	Pass	54#
Band17	10M/QPSK/1RB/0	23790	EVS WB 5.9kbps	8	86.00	16.00	≥6	10.00	Pass	/
Band17	10M/QPSK/1RB/0	23790	EVS WB 13.2kbps	8	83.22	13.22	≥6	7.22	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR NB 4.75kbps	2	81.20	11.20	≥6	5.20	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR NB 12.2kbps	2	81.45	11.45	≥6	5.45	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR WB 6.60kbps	2	81.49	11.49	≥6	5.49	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR WB 23.85kbps	2	81.38	11.38	≥6	5.38	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS NB 5.9kbps	2	81.25	11.25	≥6	5.25	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS NB 13.2kbps	2	79.84	9.84	≥6	3.84	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS WB 5.9kbps	2	81.30	11.30	≥6	5.30	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS WB 13.2kbps	2	79.71	9.71	≥6	3.71	Pass	55#
Band25	20M/QPSK/1RB/0	26365	AMR NB 4.75kbps	8	85.91	15.91	≥6	9.91	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR NB 12.2kbps	8	85.87	15.87	≥6	9.87	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR WB 6.60kbps	8	85.83	15.83	≥6	9.83	Pass	/
Band25	20M/QPSK/1RB/0	26365	AMR WB 23.85kbps	8	85.95	15.95	≥6	9.95	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS NB 5.9kbps	8	85.66	15.66	≥6	9.66	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS NB 13.2kbps	8	82.52	12.52	≥6	6.52	Pass	56#
Band25	20M/QPSK/1RB/0	26365	EVS WB 5.9kbps	8	86.11	16.11	≥6	10.11	Pass	/
Band25	20M/QPSK/1RB/0	26365	EVS WB 13.2kbps	8	82.60	12.60	≥6	6.60	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR NB 4.75kbps	2	81.31	11.31	≥6	5.31	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR NB 12.2kbps	2	81.12	11.12	≥6	5.12	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR WB 6.60kbps	2	81.33	11.33	≥6	5.33	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR WB 23.85kbps	2	81.28	11.28	≥6	5.28	Pass	/
Band26	15M/QPSK/1RB/0	26865	EVS NB 5.9kbps	2	81.02	11.02	≥6	5.02	Pass	/
Band26	15M/QPSK/1RB/0	26865	EVS NB 13.2kbps	2	80.14	10.14	≥6	4.14	Pass	57#
Band26	15M/QPSK/1RB/0	26865	EVS WB 5.9kbps	2	81.30	11.30	≥6	5.30	Pass	/
Band26	15M/QPSK/1RB/0	26865	EVS WB 13.2kbps	2	80.32	10.32	≥6	4.32	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR NB 4.75kbps	8	85.94	15.94	≥6	9.94	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR NB 12.2kbps	8	85.75	15.75	≥6	9.75	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR WB 6.60kbps	8	85.87	15.87	≥6	9.87	Pass	/
Band26	15M/QPSK/1RB/0	26865	AMR WB 23.85kbps	8	85.96	15.96	≥6	9.96	Pass	/
Band26	15M/QPSK/1RB/0	26865	EVS NB 5.9kbps	8	85.95	15.95	≥6	9.95	Pass	/
Band26	15M/QPSK/1RB/0	26865	EVS NB 13.2kbps	8	83.03	13.03	≥6	7.03	Pass	58#
Band26	15M/QPSK/1RB/0	26865	EVS WB 5.9kbps	8	85.87	15.87	≥6	9.87	Pass	/
Band26	15M/QPSK/1RB/0	26865	EVS WB 13.2kbps	8	83.39	13.39	≥6	7.39	Pass	/
Band66	20M/QPSK/1RB/0	132322	AMR NB 4.75kbps	2	81.22	11.22	≥6	5.22	Pass	/
Band66	20M/QPSK/1RB/0	132322	AMR NB 12.2kbps	2	81.40	11.40	≥6	5.40	Pass	/
Band66	20M/QPSK/1RB/0	132322	AMR WB 6.60kbps	2	81.25	11.25	≥6	5.25	Pass	/

Band66	20M/QPSK/1RB/0	132322	AMR WB 23.85kbps	2	81.34	11.34	≥6	5.34	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS NB 5.9kbps	2	81.17	11.17	≥6	5.17	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS NB 13.2kbps	2	80.19	10.19	≥6	4.19	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS WB 5.9kbps	2	81.34	11.34	≥6	5.34	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS WB 13.2kbps	2	79.77	9.77	≥6	3.77	Pass	59#
Band66	20M/QPSK/1RB/0	132322	AMR NB 4.75kbps	8	85.81	15.81	≥6	9.81	Pass	/
Band66	20M/QPSK/1RB/0	132322	AMR NB 12.2kbps	8	85.88	15.88	≥6	9.88	Pass	/
Band66	20M/QPSK/1RB/0	132322	AMR WB 6.60kbps	8	85.96	15.96	≥6	9.96	Pass	/
Band66	20M/QPSK/1RB/0	132322	AMR WB 23.85kbps	8	85.83	15.83	≥6	9.83	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS NB 5.9kbps	8	85.70	15.70	≥6	9.70	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS NB 13.2kbps	8	82.60	12.60	≥6	6.60	Pass	60#
Band66	20M/QPSK/1RB/0	132322	EVS WB 5.9kbps	8	85.85	15.85	≥6	9.85	Pass	/
Band66	20M/QPSK/1RB/0	132322	EVS WB 13.2kbps	8	82.93	12.93	≥6	6.93	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR NB 4.75kbps	2	81.29	11.29	≥6	5.29	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR NB 12.2kbps	2	81.20	11.20	≥6	5.20	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR WB 6.60kbps	2	81.26	11.26	≥6	5.26	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR WB 23.85kbps	2	81.13	11.13	≥6	5.13	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS NB 5.9kbps	2	81.28	11.28	≥6	5.28	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS NB 13.2kbps	2	79.85	9.85	≥6	3.85	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS WB 5.9kbps	2	81.21	11.21	≥6	5.21	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS WB 13.2kbps	2	79.58	9.58	≥6	3.58	Pass	61#
Band71	20M/QPSK/1RB/0	133322	AMR NB 4.75kbps	8	85.93	15.93	≥6	9.93	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR NB 12.2kbps	8	85.82	15.82	≥6	9.82	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR WB 6.60kbps	8	85.97	15.97	≥6	9.97	Pass	/
Band71	20M/QPSK/1RB/0	133322	AMR WB 23.85kbps	8	85.84	15.84	≥6	9.84	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS NB 5.9kbps	8	85.71	15.71	≥6	9.71	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS NB 13.2kbps	8	82.65	12.65	≥6	6.65	Pass	62#
Band71	20M/QPSK/1RB/0	133322	EVS WB 5.9kbps	8	85.91	15.91	≥6	9.91	Pass	/
Band71	20M/QPSK/1RB/0	133322	EVS WB 13.2kbps	8	82.91	12.91	≥6	6.91	Pass	/
Band41	20M/QPSK/1RB/0	40620	AMR NB 4.75kbps	2	79.73	9.73	≥6	3.73	Pass	63#
Band41	20M/QPSK/1RB/0	40620	AMR NB 12.2kbps	2	80.25	10.25	≥6	4.25	Pass	/
Band41	20M/QPSK/1RB/0	40620	AMR WB 6.60kbps	2	79.73	9.73	≥6	3.73	Pass	/
Band41	20M/QPSK/1RB/0	40620	AMR WB 23.85kbps	2	80.67	10.67	≥6	4.67	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS NB 5.9kbps	2	79.87	9.87	≥6	3.87	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS NB 13.2kbps	2	80.13	10.13	≥6	4.13	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS WB 5.9kbps	2	80.14	10.14	≥6	4.14	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS WB 13.2kbps	2	80.38	10.38	≥6	4.38	Pass	/
Band41	20M/QPSK/1RB/0	40620	AMR NB 4.75kbps	8	82.55	12.55	≥6	6.55	Pass	64#
Band41	20M/QPSK/1RB/0	40620	AMR NB 12.2kbps	8	83.21	13.21	≥6	7.21	Pass	/
Band41	20M/QPSK/1RB/0	40620	AMR WB 6.60kbps	8	83.19	13.19	≥6	7.19	Pass	/
Band41	20M/QPSK/1RB/0	40620	AMR WB 23.85kbps	8	83.90	13.90	≥6	7.90	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS NB 5.9kbps	8	82.85	12.85	≥6	6.85	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS NB 13.2kbps	8	83.02	13.02	≥6	7.02	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS WB 5.9kbps	8	83.45	13.45	≥6	7.45	Pass	/
Band41	20M/QPSK/1RB/0	40620	EVS WB 13.2kbps	8	83.11	13.11	≥6	7.11	Pass	/

7.2.4 WIFI Test Results

Volume Control Test Results					Conversational					Plots Num.
					Gain Performance					
Air Interface	Radio Configuration	Channel	Audio Codec (Kbps)	Moutig Force (N)	Measured dB SPL Level	Conversational Gain Level	Limit (dB)	Margin to Limit (dB)	Pass/Fail	
2.4G WLAN	802.11b 1Mbps	6	AMR NB 4.75kbps	2	86.89	16.89	≥6	10.89	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR NB 12.2kbps	2	86.84	16.84	≥6	10.84	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR WB 6.60kbps	2	87.03	17.03	≥6	11.03	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR WB 23.85kbps	2	87.04	17.04	≥6	11.04	Pass	/
2.4G WLAN	802.11b 1Mbps	6	EVS NB 5.9kbps	2	87.12	17.12	≥6	11.12	Pass	/
2.4G WLAN	802.11b 1Mbps	6	EVS NB 13.2kbps	2	83.91	13.91	≥6	7.91	Pass	65#
2.4G WLAN	802.11b 1Mbps	6	EVS WB 5.9kbps	2	86.77	16.77	≥6	10.77	Pass	/
2.4G WLAN	802.11b 1Mbps	6	EVS WB 13.2kbps	2	86.19	16.19	≥6	10.19	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR NB 4.75kbps	8	91.44	21.44	≥6	15.44	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR NB 12.2kbps	8	91.75	21.75	≥6	15.75	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR WB 6.60kbps	8	91.35	21.35	≥6	15.35	Pass	/
2.4G WLAN	802.11b 1Mbps	6	AMR WB 23.85kbps	8	91.34	21.34	≥6	15.34	Pass	/
2.4G WLAN	802.11b 1Mbps	6	EVS NB 5.9kbps	8	91.57	21.57	≥6	15.57	Pass	/
2.4G WLAN	802.11b 1Mbps	6	EVS NB 13.2kbps	8	88.88	18.88	≥6	12.88	Pass	66#
2.4G WLAN	802.11b 1Mbps	6	EVS WB 5.9kbps	8	91.53	21.53	≥6	15.53	Pass	/
2.4G WLAN	802.11b 1Mbps	6	EVS WB 13.2kbps	8	91.21	21.21	≥6	15.21	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR NB 4.75kbps	2	86.80	16.80	≥6	10.80	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR NB 12.2kbps	2	86.75	16.75	≥6	10.75	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR WB 6.60kbps	2	86.80	16.80	≥6	10.80	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR WB 23.85kbps	2	86.95	16.95	≥6	10.95	Pass	/
5.2G WLAN	802.11a 6Mbps	44	EVS NB 5.9kbps	2	87.02	17.02	≥6	11.02	Pass	/
5.2G WLAN	802.11a 6Mbps	44	EVS NB 13.2kbps	2	83.97	13.97	≥6	7.97	Pass	67#
5.2G WLAN	802.11a 6Mbps	44	EVS WB 5.9kbps	2	86.64	16.64	≥6	10.64	Pass	/
5.2G WLAN	802.11a 6Mbps	44	EVS WB 13.2kbps	2	86.20	16.20	≥6	10.20	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR NB 4.75kbps	8	91.76	21.76	≥6	15.76	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR NB 12.2kbps	8	91.47	21.47	≥6	15.47	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR WB 6.60kbps	8	91.34	21.34	≥6	15.34	Pass	/
5.2G WLAN	802.11a 6Mbps	44	AMR WB 23.85kbps	8	91.21	21.21	≥6	15.21	Pass	/
5.2G WLAN	802.11a 6Mbps	44	EVS NB 5.9kbps	8	91.57	21.57	≥6	15.57	Pass	/
5.2G WLAN	802.11a 6Mbps	44	EVS NB 13.2kbps	8	88.78	18.78	≥6	12.78	Pass	68#
5.2G WLAN	802.11a 6Mbps	44	EVS WB 5.9kbps	8	91.07	21.07	≥6	15.07	Pass	/
5.2G WLAN	802.11a 6Mbps	44	EVS WB 13.2kbps	8	91.03	21.03	≥6	15.03	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR NB 4.75kbps	2	86.85	16.85	≥6	10.85	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR NB 12.2kbps	2	86.86	16.86	≥6	10.86	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR WB 6.60kbps	2	86.98	16.98	≥6	10.98	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR WB 23.85kbps	2	87.00	17.00	≥6	11.00	Pass	/
5.3G WLAN	802.11a 6Mbps	60	EVS NB 5.9kbps	2	86.71	16.71	≥6	10.71	Pass	/
5.3G WLAN	802.11a 6Mbps	60	EVS NB 13.2kbps	2	83.61	13.61	≥6	7.61	Pass	69#
5.3G WLAN	802.11a 6Mbps	60	EVS WB 5.9kbps	2	87.00	17.00	≥6	11.00	Pass	/
5.3G WLAN	802.11a 6Mbps	60	EVS WB 13.2kbps	2	86.04	16.04	≥6	10.04	Pass	/

5.3G WLAN	802.11a 6Mbps	60	AMR NB 4.75kbps	8	91.39	21.39	≥6	15.39	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR NB 12.2kbps	8	91.53	21.53	≥6	15.53	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR WB 6.60kbps	8	91.21	21.21	≥6	15.21	Pass	/
5.3G WLAN	802.11a 6Mbps	60	AMR WB 23.85kbps	8	91.41	21.41	≥6	15.41	Pass	/
5.3G WLAN	802.11a 6Mbps	60	EVS NB 5.9kbps	8	91.70	21.70	≥6	15.70	Pass	/
5.3G WLAN	802.11a 6Mbps	60	EVS NB 13.2kbps	8	88.80	18.80	≥6	12.80	Pass	70#
5.3G WLAN	802.11a 6Mbps	60	EVS WB 5.9kbps	8	91.37	21.37	≥6	15.37	Pass	/
5.3G WLAN	802.11a 6Mbps	60	EVS WB 13.2kbps	8	91.21	21.21	≥6	15.21	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR NB 4.75kbps	2	86.86	16.86	≥6	10.86	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR NB 12.2kbps	2	86.92	16.92	≥6	10.92	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR WB 6.60kbps	2	87.13	17.13	≥6	11.13	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR WB 23.85kbps	2	86.82	16.82	≥6	10.82	Pass	/
5.6G WLAN	802.11a 6Mbps	116	EVS NB 5.9kbps	2	86.78	16.78	≥6	10.78	Pass	/
5.6G WLAN	802.11a 6Mbps	116	EVS NB 13.2kbps	2	83.91	13.91	≥6	7.91	Pass	71#
5.6G WLAN	802.11a 6Mbps	116	EVS WB 5.9kbps	2	86.91	16.91	≥6	10.91	Pass	/
5.6G WLAN	802.11a 6Mbps	116	EVS WB 13.2kbps	2	85.95	15.95	≥6	9.95	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR NB 4.75kbps	8	91.78	21.78	≥6	15.78	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR NB 12.2kbps	8	91.41	21.41	≥6	15.41	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR WB 6.60kbps	8	91.36	21.36	≥6	15.36	Pass	/
5.6G WLAN	802.11a 6Mbps	116	AMR WB 23.85kbps	8	91.60	21.60	≥6	15.60	Pass	/
5.6G WLAN	802.11a 6Mbps	116	EVS NB 5.9kbps	8	91.73	21.73	≥6	15.73	Pass	/
5.6G WLAN	802.11a 6Mbps	116	EVS NB 13.2kbps	8	88.62	18.62	≥6	12.62	Pass	72#
5.6G WLAN	802.11a 6Mbps	116	EVS WB 5.9kbps	8	91.51	21.51	≥6	15.51	Pass	/
5.6G WLAN	802.11a 6Mbps	116	EVS WB 13.2kbps	8	91.13	21.13	≥6	15.13	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR NB 4.75kbps	2	86.79	16.79	≥6	10.79	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR NB 12.2kbps	2	86.65	16.65	≥6	10.65	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR WB 6.60kbps	2	86.89	16.89	≥6	10.89	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR WB 23.85kbps	2	86.94	16.94	≥6	10.94	Pass	/
5.8G WLAN	802.11a 6Mbps	157	EVS NB 5.9kbps	2	86.84	16.84	≥6	10.84	Pass	/
5.8G WLAN	802.11a 6Mbps	157	EVS NB 13.2kbps	2	83.78	13.78	≥6	7.78	Pass	73#
5.8G WLAN	802.11a 6Mbps	157	EVS WB 5.9kbps	2	87.06	17.06	≥6	11.06	Pass	/
5.8G WLAN	802.11a 6Mbps	157	EVS WB 13.2kbps	2	86.32	16.32	≥6	10.32	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR NB 4.75kbps	8	91.55	21.55	≥6	15.55	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR NB 12.2kbps	8	91.66	21.66	≥6	15.66	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR WB 6.60kbps	8	91.40	21.40	≥6	15.40	Pass	/
5.8G WLAN	802.11a 6Mbps	157	AMR WB 23.85kbps	8	91.20	21.20	≥6	15.20	Pass	/
5.8G WLAN	802.11a 6Mbps	157	EVS NB 5.9kbps	8	91.50	21.50	≥6	15.50	Pass	/
5.8G WLAN	802.11a 6Mbps	157	EVS NB 13.2kbps	8	88.76	18.76	≥6	12.76	Pass	74#
5.8G WLAN	802.11a 6Mbps	157	EVS WB 5.9kbps	8	91.42	21.42	≥6	15.42	Pass	/
5.8G WLAN	802.11a 6Mbps	157	EVS WB 13.2kbps	8	91.35	21.35	≥6	15.35	Pass	/

8 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	HEAD acoustics GmbH	HEAD Analyzer ACQUA	6.2.100	N/A	N/A
Artificial head	HEAD acoustics GmbH	HMS II.3	12306434	N/A	N/A
Audio Analyzer	HEAD acoustics GmbH	MFE VI.1	64626530	2025/07/22	2026/07/21
Audio Analyzer	HEAD acoustics GmbH	MFE VI.1	64626530	2026/08/07	2027/08/06
Wireless Communication Test Set	R&S	CMW500	167190	2026/03/24	2027/03/23
Sound Calibrator	G.R.A.S	42AB	32882	2025/09/02	2026/09/01
Sound Level Meter	CEM	DT-815	2505307604	2026/04/01	2027/03/31
Thermometer	Elitech	RC-4HC	EF7216002985	2025/10/30	2026/10/29

ANNEX A HAC VOLUME CONTROL TEST RESULT

Please refer the document "Ti-CC26050326-VCTD.pdf".

ANNEX B TEST SETUP PHOTO

Please refer the document "Ti-CC26050326-AS-4.pdf".

ANNEX C EUT EXTERNAL PHOTO

Please refer the document "Ti-CC26050326-AW.pdf".

--END OF REPORT--