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TESTING
CNAS L0095



Test Report No.:
FCC2021-0035-RF3

RF Test Report

EUT : Quantum Access Q3
MODEL : Access Q3
BRAND NAME : N/A
CLIENT : QUANTUM CONNECTIVITY DE
MEXICO, S.A. DE C.V.
Classification Of Test : N/A

CVC Testing Technology Co., Ltd.



Client		Name : QUAMTUM CONNECTIVITY DE MEXICO, S.A. DE C.V.	
		Address : Torcuato Tasso 245, Despacho 403, Oficina 21Col. Polanco V Sección, C.P. 11560 Alcaldía Miguel Hidalgo, CDMX,México	
Manufacturer		Name : QUAMTUM CONNECTIVITY DE MEXICO, S.A. DE C.V.	
		Address : Torcuato Tasso 245, Despacho 403, Oficina 21Col. Polanco V Sección, C.P. 11560 Alcaldía Miguel Hidalgo, CDMX,México	
Equipment Under Test		Name : Quantum Access Q3	
		Model/Type: Access Q3	
		Trade mark : N/A	
		Serial NO.:N/A	
		Sampe NO.:3-1	
Date of Receipt.	2021.11.18	Date of Testing	2021.11.18~2021.12.04
Test Specification		Test Result	
ANSI C63.26-2015,FCC PART 27, Subpart C,L FCC Part 2,ANSI/TIA-603-E		PASS	
Evaluation of Test Result	The equipment under test was found to comply with the requirements of the standards applied.		
	Issue Date: 2021.12.06		
Tested by:	Reviewed by:	Approved by:	
			
Xu ZhenFei	Liu YongHai	Chen HuaWen	
Name	Signature	Name	Signature
Other Aspects: NONE.			
Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



TABLE OF CONTENTS

RELEASE CONTROL RECORD.....	5
1 SUMMARY OF TEST RESULTS.....	6
2 GENERAL INFORMATION.....	7
2.1 GENERAL PRODUCT INFORMATION.....	7
2.2 DESCRIPTION OF ACCESSORIES.....	7
2.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL.....	8
2.4 GENERAL DESCRIPTION OF APPLIED STANDARDS.....	10
2.5 DESCRIPTION OF SUPPORT UNITS.....	10
2.6 LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	10
2.7 MEASUREMENT UNCERTAINTY.....	11
2.8 TEST LOCATION.....	11
3 TEST TYPES AND RESULTS.....	12
3.1 OUT POWER MEASUREMENT.....	12
3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT.....	12
3.1.2 TEST PROCEDURES.....	12
3.1.3 TEST SETUP.....	13
3.1.4 TEST RESULTS.....	13
3.2 FREQUENCY STABILITY.....	14
3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT.....	14
3.2.2 TEST PROCEDURE.....	14
3.2.3 TEST SETUP.....	14
3.2.4 TEST RESULTS.....	14
3.3 OCCUPIED BANDWIDTH MEASUREMENT.....	15
3.3.2 TEST SETUP.....	15
3.3.3 TEST PROCEDURE.....	15
3.3.4 TEST RESULTS.....	15
3.4 BAND EDGE MEASUREMENT.....	16
3.4.1 LIMITS OF BAND EDGE MEASUREMENT.....	16
3.4.2 TEST SETUP.....	16
3.4.3 TEST PROCEDURES.....	17
3.4.4 TEST RESULTS.....	17
3.5 CONDUCTED SPURIOUS EMISSIONS.....	18
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT.....	18
3.5.2 TEST PROCEDURE.....	18
3.5.3 TEST SETUP.....	18
3.5.4 TEST RESULTS.....	18
3.6 RADIATED EMISSION MEASUREMENT.....	19
3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT.....	19
3.6.2 TEST PROCEDURES.....	19
3.6.3 TEST SETUP.....	20
3.6.4 TEST RESULTS.....	21
3.7 PEAK TO AVERAGE RATIO.....	75
3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT.....	75
3.7.2 TEST SETUP.....	75
3.7.3 TEST PROCEDURES.....	75
3.7.4 TEST RESULTS.....	75
4 PHOTOGRAPHS OF TEST SETUP.....	76
5 APPENDIX A.....	77



5.1	OUT POWER MEASUREMENT.....	77
5.1.1	Test Result.....	77
5.2	PEAK TO AVERAGE RATIO.....	90
5.2.1	Test Result.....	90
5.2.2	Test Graphs.....	95
5.3	OCCUPIED BANDWIDTH MEASUREMENT.....	159
5.3.1	Test Result.....	159
5.3.2	Test Graphs.....	161
5.4	BAND EDGE MEASUREMENT.....	193
5.4.1	Test Result.....	193
5.4.2	Test Graphs.....	197
5.5	CONDUCTED SPURIOUS EMISSION.....	261
5.5.1	Test Result.....	261
5.5.2	Test Graphs.....	266
5.6	FREQUENCY STABILITY.....	350
5.6.1	Test Result.....	350
6	APPENDIX B.....	372



RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCC2021-0035-RF3	Original release	2021.12.06



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 27 & Part 2			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	REMARK
2.1046	RF power output	PASS	Meet the requirement of limit.
27.50(d)(4) 27.50(h)(2)	Equivalent Isotropic Radiated Power	PASS	Meet the requirement of limit.
2.1055 27.54	Frequency Stability	PASS	Meet the requirement of limit.
2.1049	Occupied Bandwidth	PASS	Meet the requirement of limit.
27.53(g) 27.53(h) 27.53(m)	Band Edge Compliance	PASS	Meet the requirement of limit.
2.1051 27.53(h) 27.53(g) 27.53(m)	Conducted Spurious Emission	PASS	Meet the requirement of limit.
2.1053 27.53(h) 27.53(g) 27.53(m)	Radiates Spurious Emission	PASS	Meet the requirement of limit.
27.50(d)(5)	Peak-to-Average Power Ratio	PASS	Meet the requirement of limit.



2 GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT	Quantum Access Q3		
BRAND	N/A		
MODEL	Access Q3		
ADDITIONAL MODEL	N/A		
FCC ID	2A3WD-ACCESS-Q3		
POWER SUPPLY	DC 12V From Adapter		
MODULATION TYPE	LTE	QPSK, 16QAM	
OPERATING FREQUENCY	Band	TX(MHz)	RX(MHz)
	LTE Band 4	1710 ~ 1755	2110 ~ 2155
	LTE Band 7	2500 ~ 2570	2620~ 2690
	LTE Band 66	1710 ~ 1780	2110 ~ 2180
MAX POWER	LTE Band 4: 22.60dBm (Maximum) LTE Band 7: 22.44dBm (Maximum) LTE Band 66: 23.40dBm (Maximum)		
ANTENNA TYPE	PCB Internal Antenna with 1dBi gain for LTE B4/ LTE B66 PCB Internal Antenna with 2dBi gain for LTE B7		
I/O PORTS	Refer to user's manual		
CABLE SUPPLIED	N/A		
Remark:			
1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.			
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.			
3. Please refer to the EUT photo document (Reference No.: FCC2021-0035-E) for detailed product photo.			
4. The EUT have SISO function, provides 1 completed transmitter and 1 receiver.			
MODULATION MODE		TX FUNCTION	
LTE		1TX/1RX diversity	

2.2 Description of Accessories

Adapter	
BRAND	Quantum
Model No.:	ZL-A012W1201000
Input:	100-240 V~50/60 Hz 0.5 A Max
Output:	12.0 V = 1 A
AC Cable:	N/A
DC Cable:	1.50 Meter, Unshielded without ferrite



2.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports.

EUT CONFIGURE MODE	DESCRIPTION
-	EUT + Adapter + with LTE link



Test modes are chosen as the worst case configuration below for LTE Band 4/7/66

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	50%	100%	L	M	H
RF power output	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Effective Isotropic Radiated power	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	LTE 4	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 7	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 66	O	O	O	O	O	O	O	O	O	-	O	O	-	O
Peak-to-Average Power Ratio	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Spurious Emissions at Antenna Terminals	LTE 4	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 7	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 66	O	O	O	O	O	O	O	-	O	-	-	O	O	O
Radiates Spurious Emission	LTE 4	O	-	O	-	-	O	O	-	O	-	-	O	O	O
	LTE 7	-	-	O	-	O	O	O	-	O	-	-	O	O	O
	LTE 66	O	-	O	-	-	O	O	-	O	-	-	O	O	O
Note	1. The mark "O" means that this configuration is chosen for testing. 2. The mark "-" means that this configuration is not testing.														

Test CONDITION:

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RF power output	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin
Equivalent Isotropic Radiated Power	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin
Frequency Stability	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin
Occupied Bandwidth	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin
Band Edge Compliance	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin
Conducted Spurious Emission	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin
Radiates Spurious Emission	23deg. C, 63%RH	DC 12V from Adapter	LI JiaLin
Peak-to-Average Power Ratio	22deg. C, 65%RH	DC 12V from Adapter	LI JiaLin



2.4 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

FCC 47 CFR PART 2

FCC 47 CFR PART 27

KDB 971168 D01 POWER MEAS LICENSE DIGITAL SYSTEMS V03R01

ANSI/TIA-603-E

ANSI C63.26-2015

Note: All test items have been performed and recorded as per the above standards

2.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment							
NO	Description	Brand	Model No.	Serial Number	Supplied by		
N/A	N/A	N/A	N/A	N/A	N/A		
Support Cable							
NO	Description	Quantity (Number)	Length (cm)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Number)	Supplied by
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2.6 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Refer to Appendix B.



2.7 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Equivalent Isotropic Radiated Power	$\pm 0.9\text{dB}$
Frequency Stability	$\pm 76.97\text{Hz}$
Radiated emissions (30MHz~1GHz)	$\pm 5.0\text{dB}$
Radiated emissions (1GHz ~6GHz)	$\pm 4.8\text{dB}$
Radiated emissions (18GHz ~40GHz)	$\pm 5.1\text{dB}$
Conducted emissions	$\pm 2.7\text{dB}$
Occupied Channel Bandwidth	$\pm 43.58\text{KHz}$
Band Edge Measurements	$\pm 2.7\text{dB}$
Peak to average ratio	$\pm 0.76\text{dB}$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2.8 TEST LOCATION

The tests and measurements refer to this report were performed by EMC testing Lab. of CVC Testing Technology Co., Ltd.

Address: No.3,TiantaiyiRoad,KaitaiAvenue,ScienceCity,Guangzhou,China

Post Code: 510663 Tel: 020-32293888

FAX: 020-32293889 E-mail: office@cvc.org.cn

Test Firm Registration Number: 937273

CN Number: 26239 Wireless Test Site Registration Number: CN0103



3 TEST TYPES AND RESULTS

3.1 OUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Band4/Band66

Rule Part 27.50(d) (4) specifies that “Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.”

Band7

Rule Part 27.50(h) (2) specifies that “Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.”

3.1.2 TEST PROCEDURES

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15\text{dBi}$, where

P_T = transmitter output power dBm;

G_T = gain of the transmitting antenna dBi;

L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

CONDUCTED POWER MEASUREMENT:

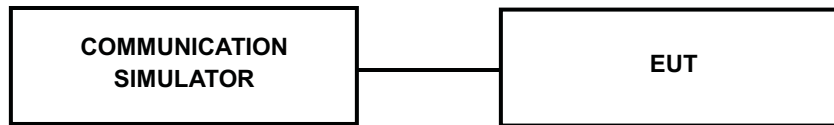
The EUT was set up for the maximum power with LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.



3.1.3 TEST SETUP

EIRP / ERP Measurement:

CONDUCTED POWER MEASUREMENT:



3.1.4 TEST RESULTS

Please refer Annex A

3.2 FREQUENCY STABILITY

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

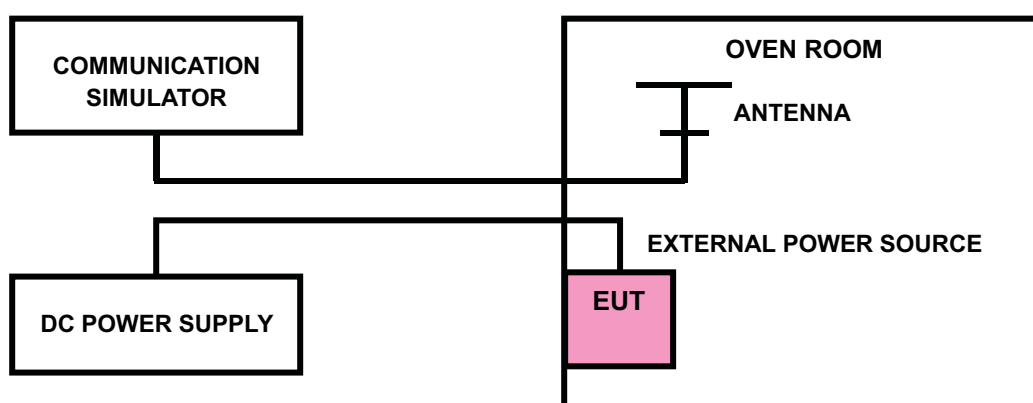
1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

3.2.2 TEST PROCEDURE

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP



3.2.4 TEST RESULTS

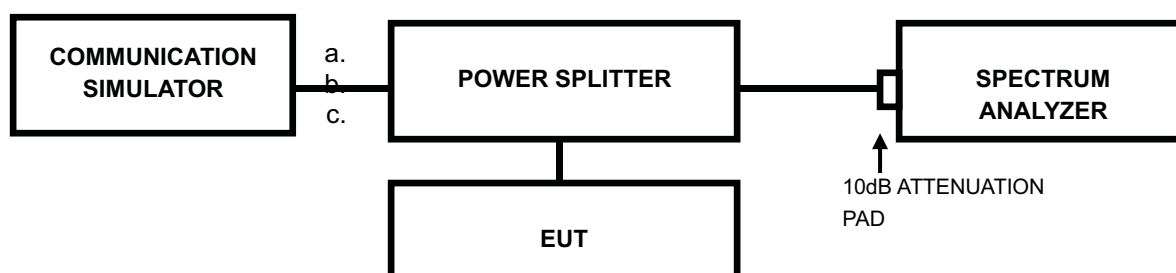
Please refer Annex A

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURE

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

Please refer Annex A

3.4 BAND EDGE MEASUREMENT

3.4.1 LIMITS OF BAND EDGE MEASUREMENT

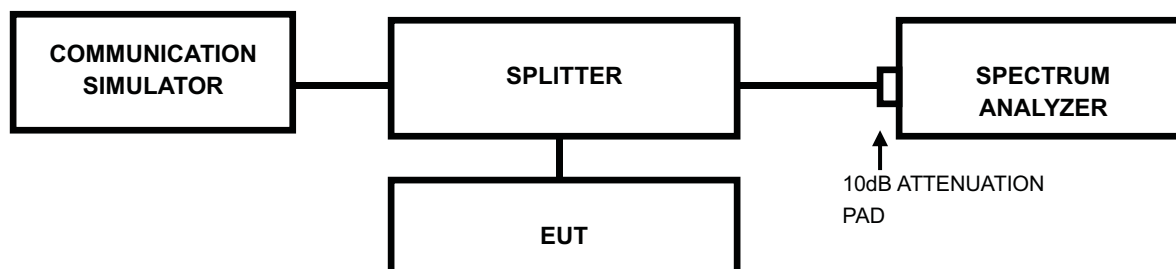
Band4/Band66

For operations in the 1710-1780 MHz, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

Band7

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

- a. All measurements were done at low and high operational frequency range.
- b. RBW of the spectrum is 100kHz and VBW of the spectrum is 300kHz (WCDMA).
- c. RBW of the spectrum is 20kHz and VBW of the spectrum is 100 kHz. (LTE bandwidth 1.4MHz).
- d. RBW of the spectrum is 30kHz and VBW of the spectrum is 100kHz. (LTE bandwidth 3MHz).
- e. RBW of the spectrum is 50kHz and VBW of the spectrum is 200kHz. (LTE bandwidth 5MHz).
- f. RBW of the spectrum is 100kHz and VBW of the spectrum is 300kHz. (LTE bandwidth 10MHz).
- g. RBW of the spectrum is 200kHz and VBW of the spectrum is 1MHz. (LTE bandwidth 15MHz).
- h. RBW of the spectrum is 200kHz and VBW of the spectrum is 1MHz. (LTE bandwidth 20MHz).
- i. Set the spectrum with RMS detector.
- j. Record the max trace plot into the test report.t.

3.4.4 TEST RESULTS

Please refer Annex A

3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

Band4/Band66

For operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

Band7

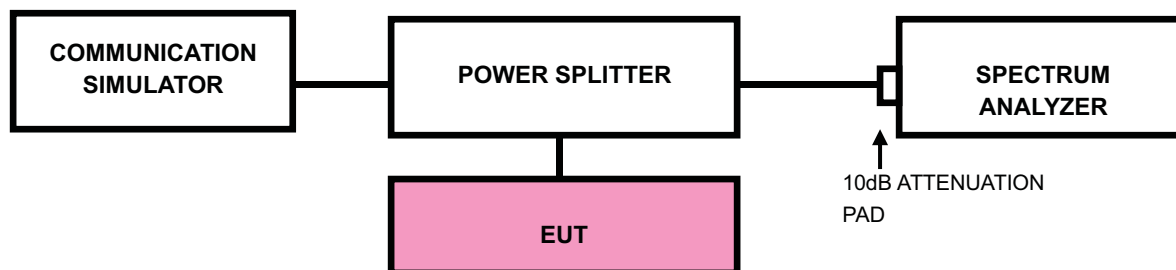
For operations in the 2496- 2490.5 MHz, At least $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

3.5.2 TEST PROCEDURE

The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.

Measuring frequency range is from 30 MHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP



3.5.4 TEST RESULTS

Please refer Annex A



3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Band4/Band66

For operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

Band7

For operations in the 2496- 2490.5 MHz, At least $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

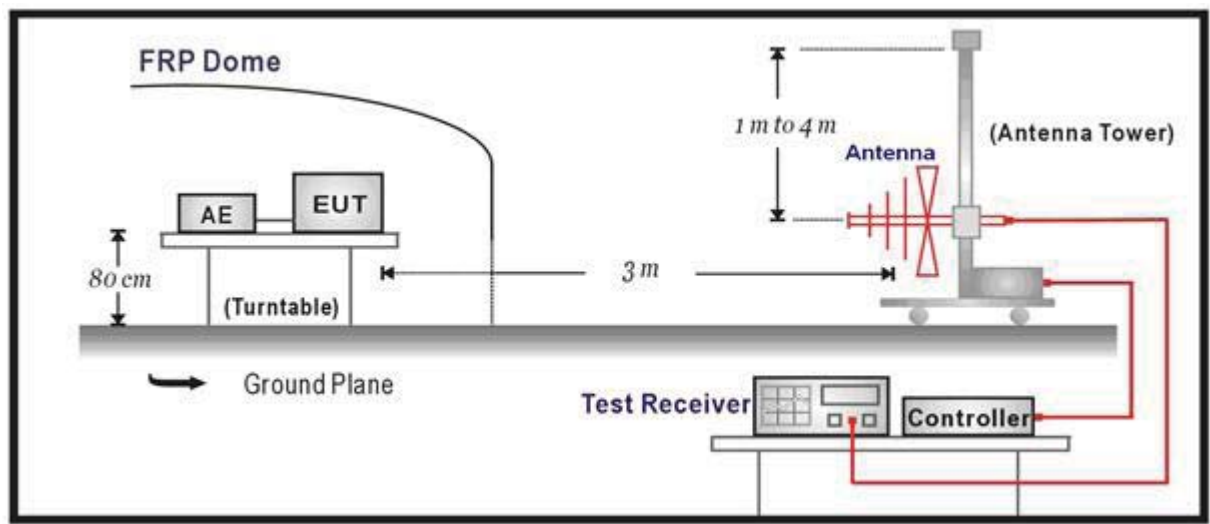
3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- c. The spectrum is scanned from 30MHz up to a frequency including its 10th harmonic
- d. $EIRP(dBm) = S.G.POWER - TX \text{ cable loss} + \text{Antenna gain.}$
- e. $E.R.P(dBm) = E.I.P.R - 2.15dB_i.$

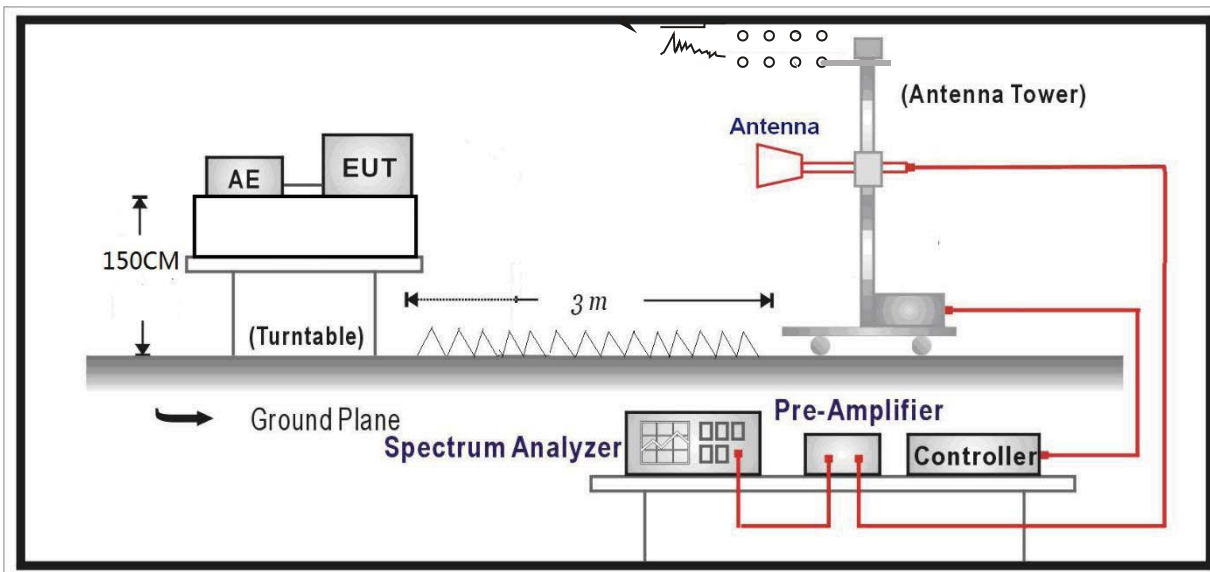
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

3.6.3 TEST SETUP

Below 1GHz Test Setup:



Above 1GHz Test Setup:

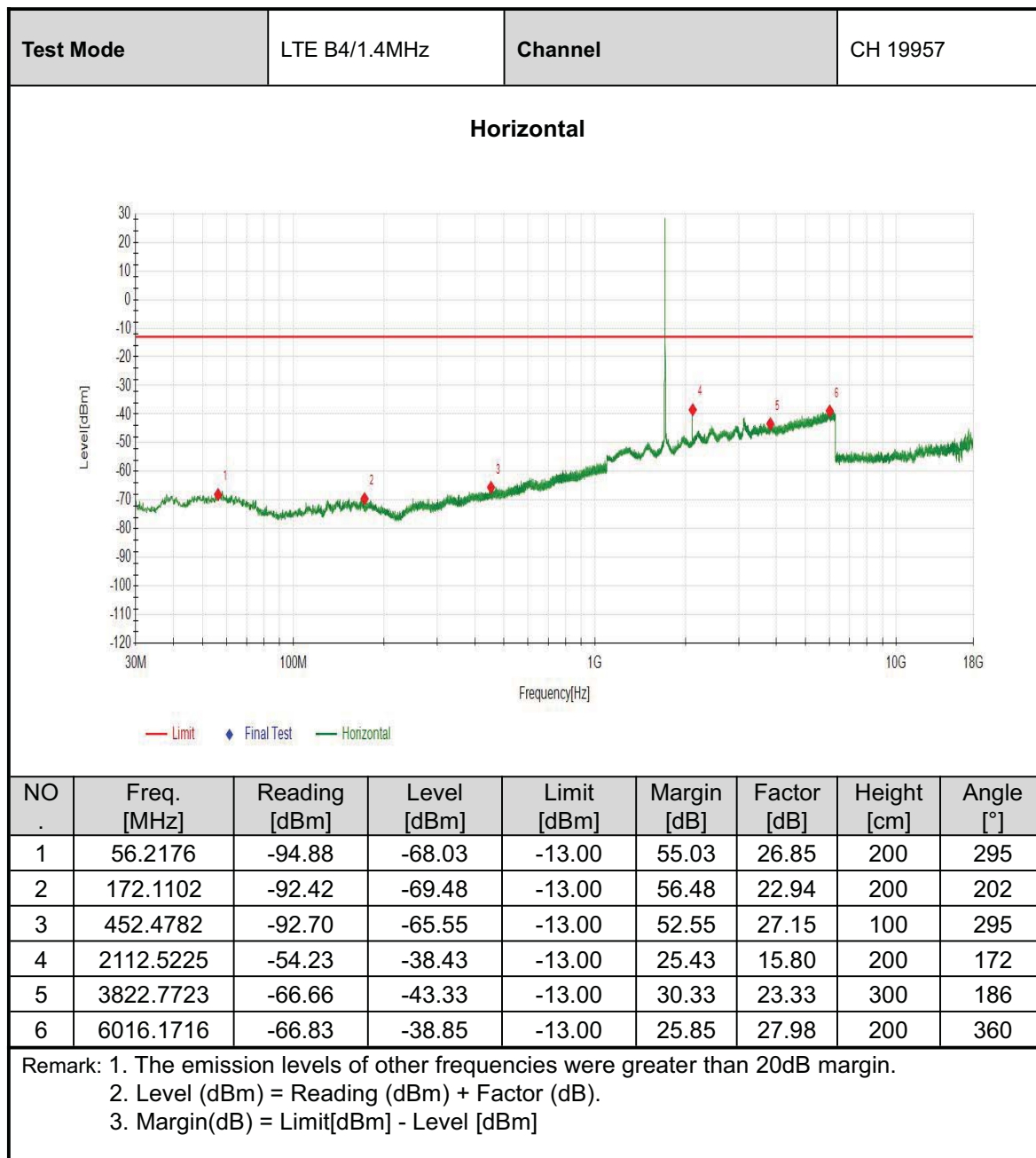


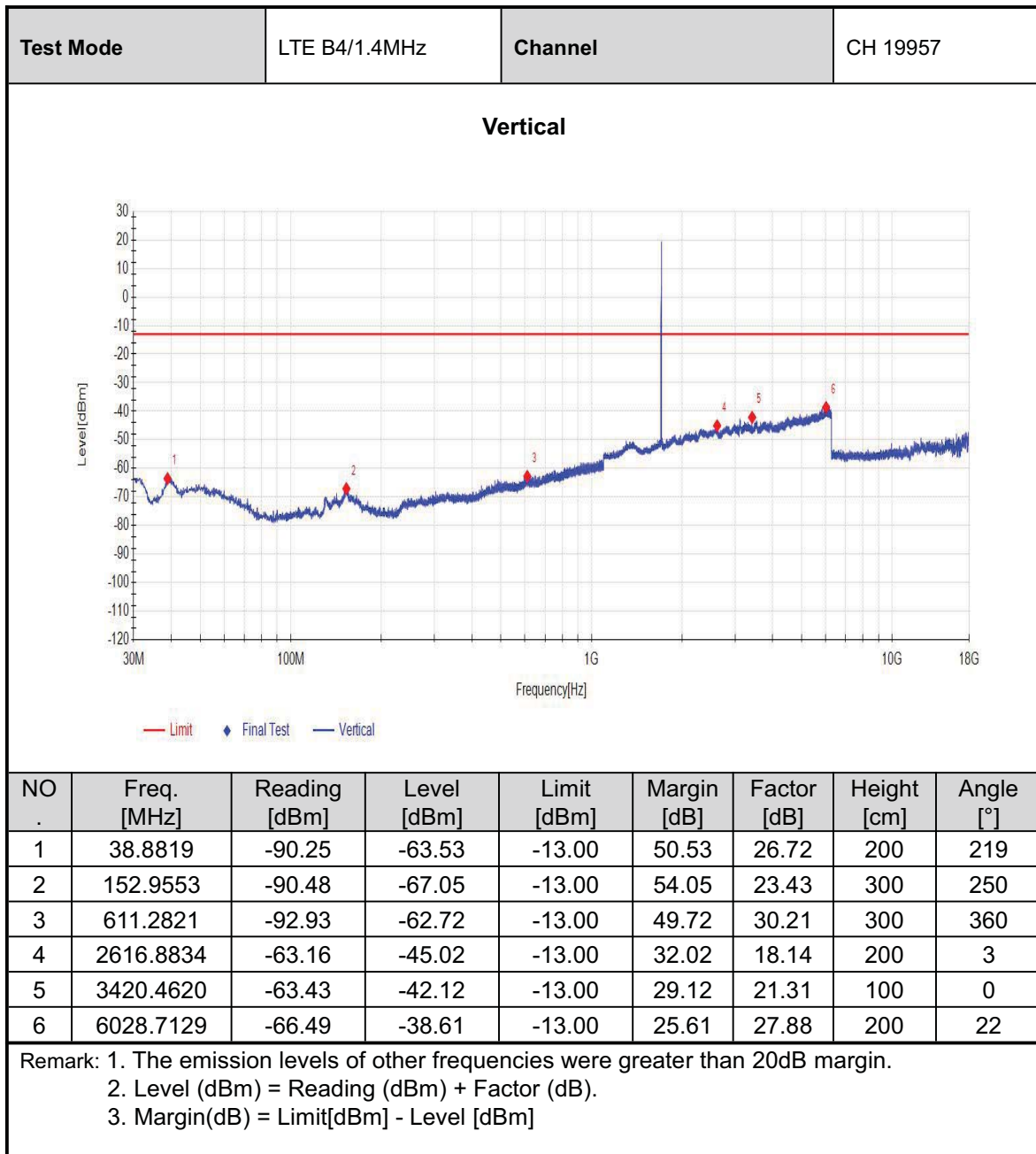
Note: Above 1G is a directional antenna

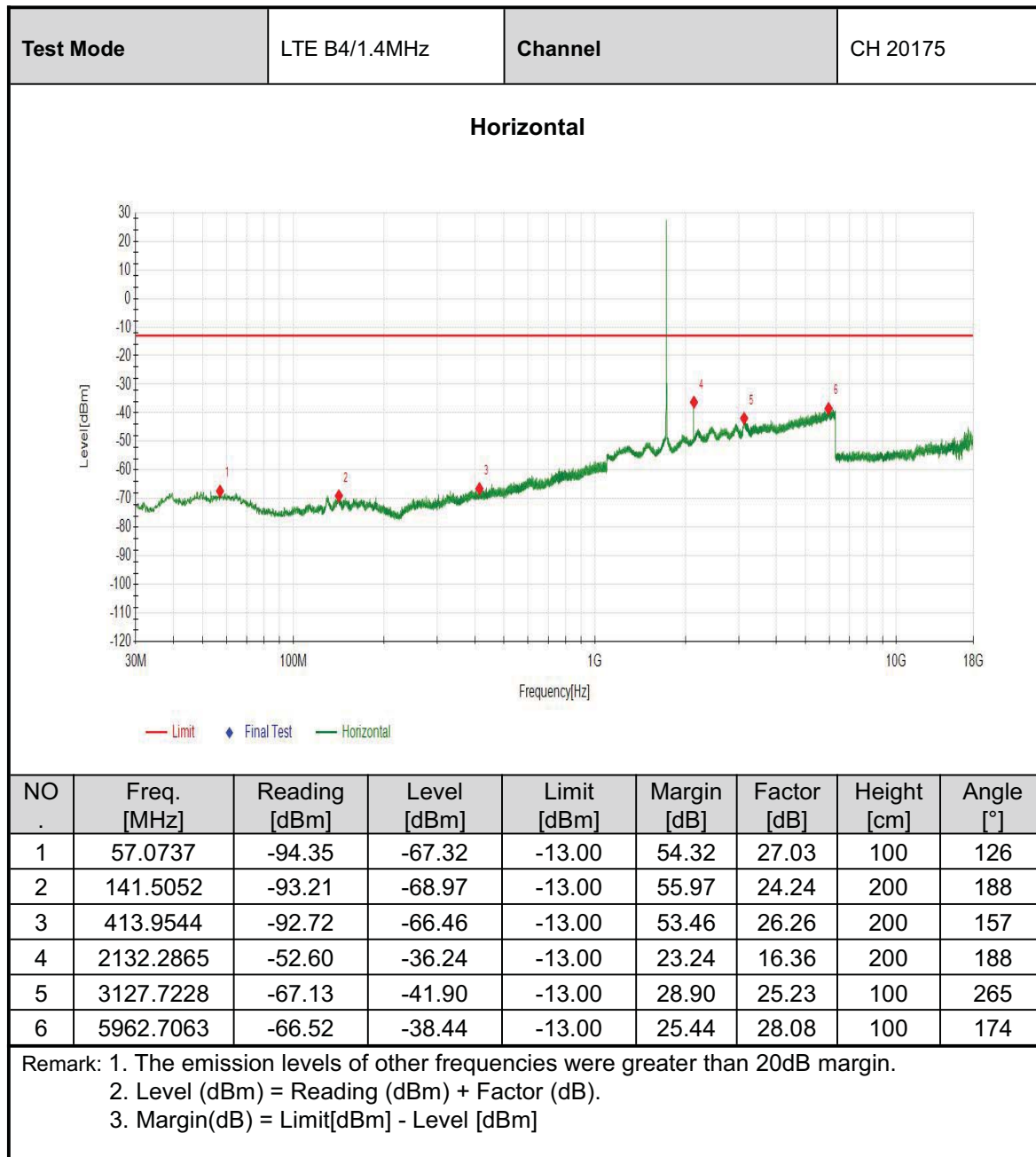
Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

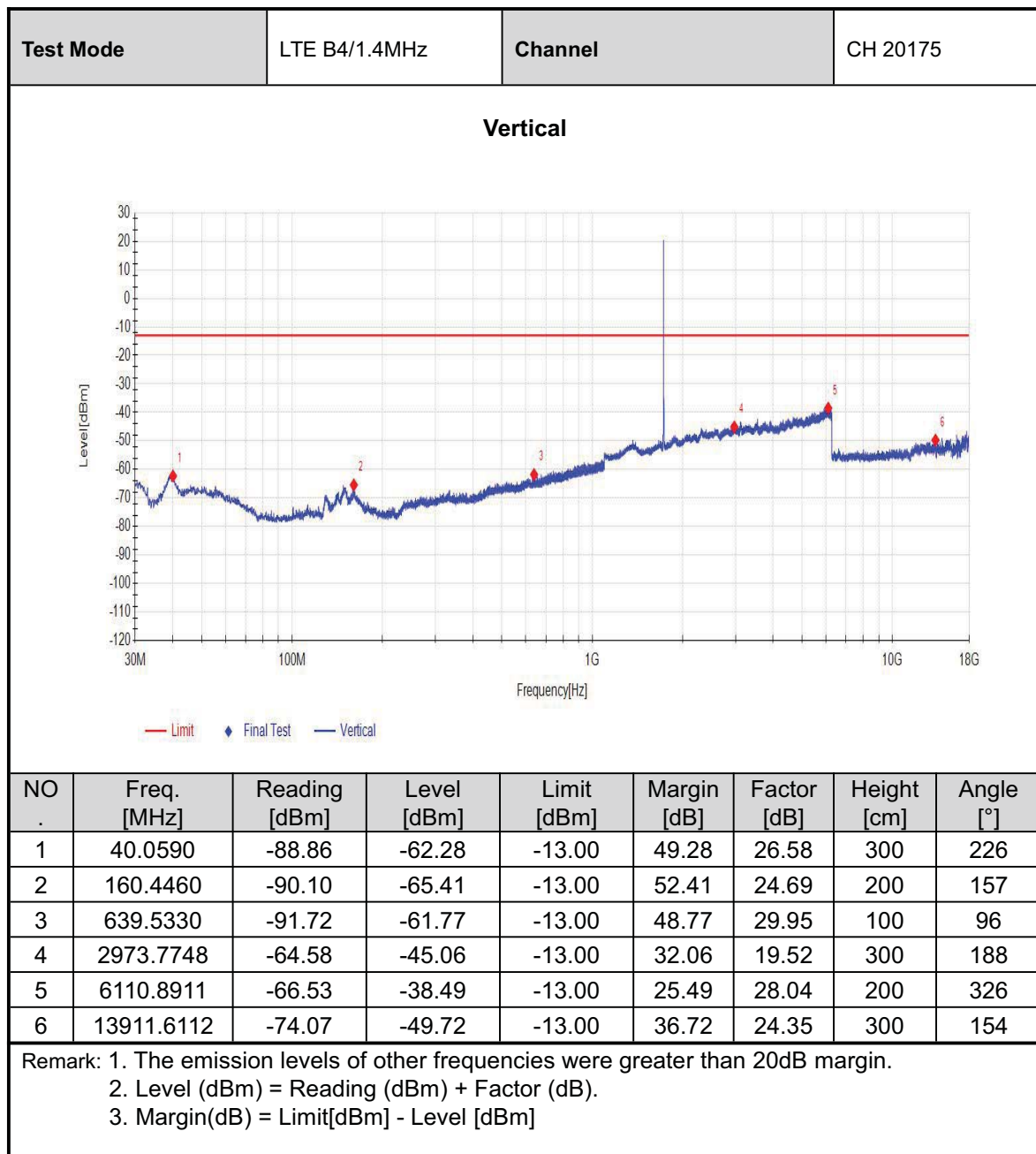
For the actual test configuration, please refer to the attached file (Test Setup Photo).

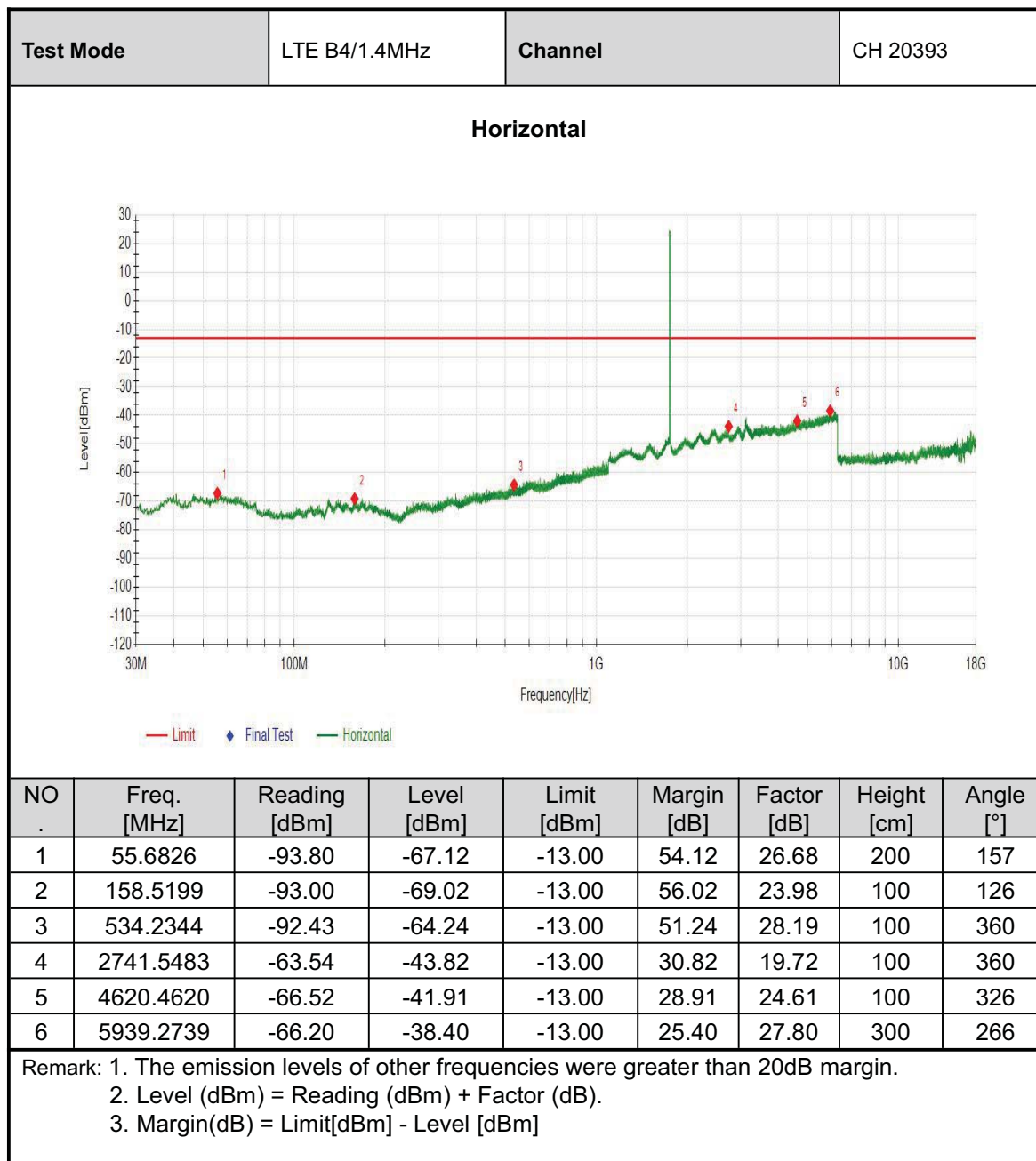
3.6.4 TEST RESULTS

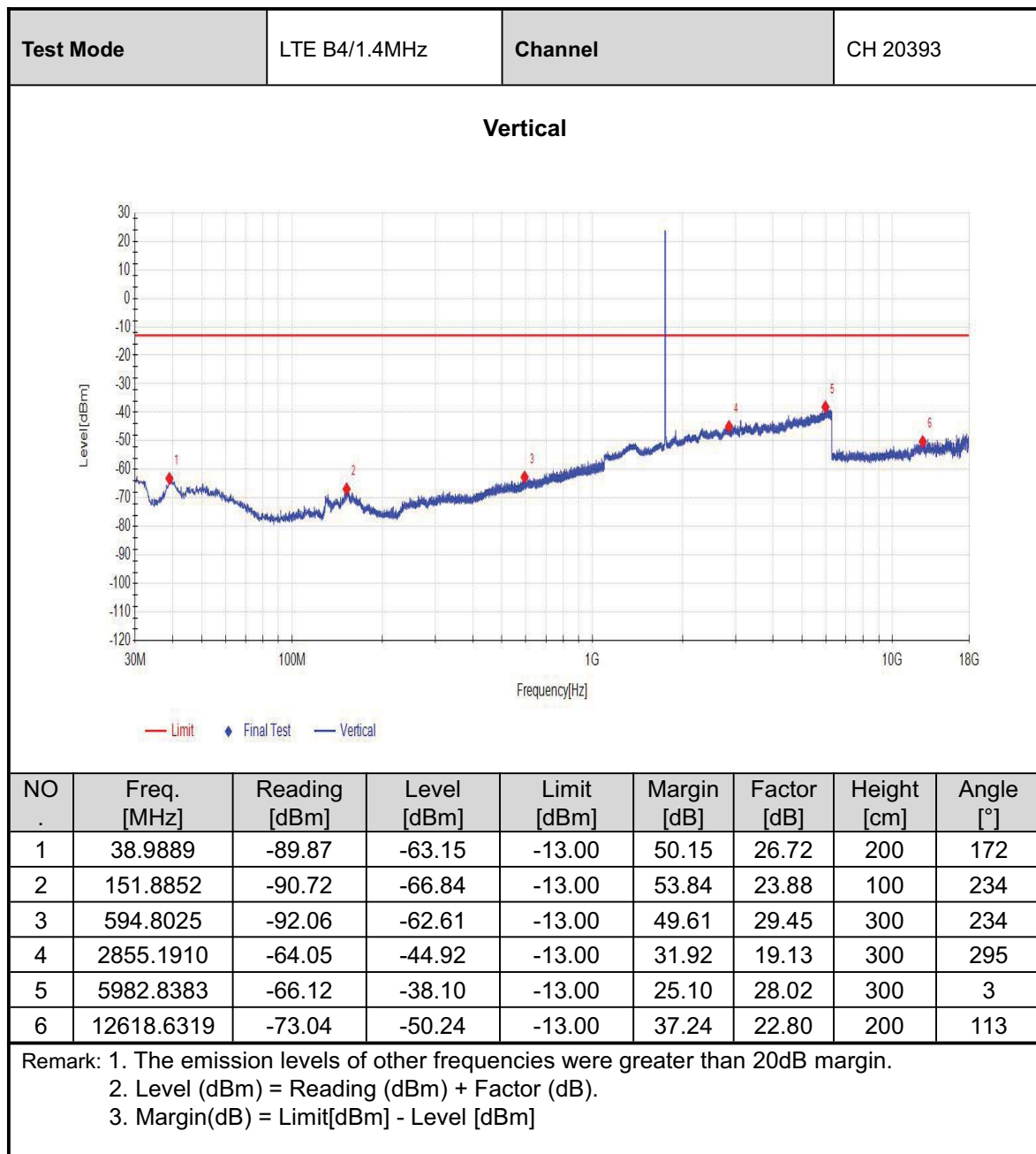


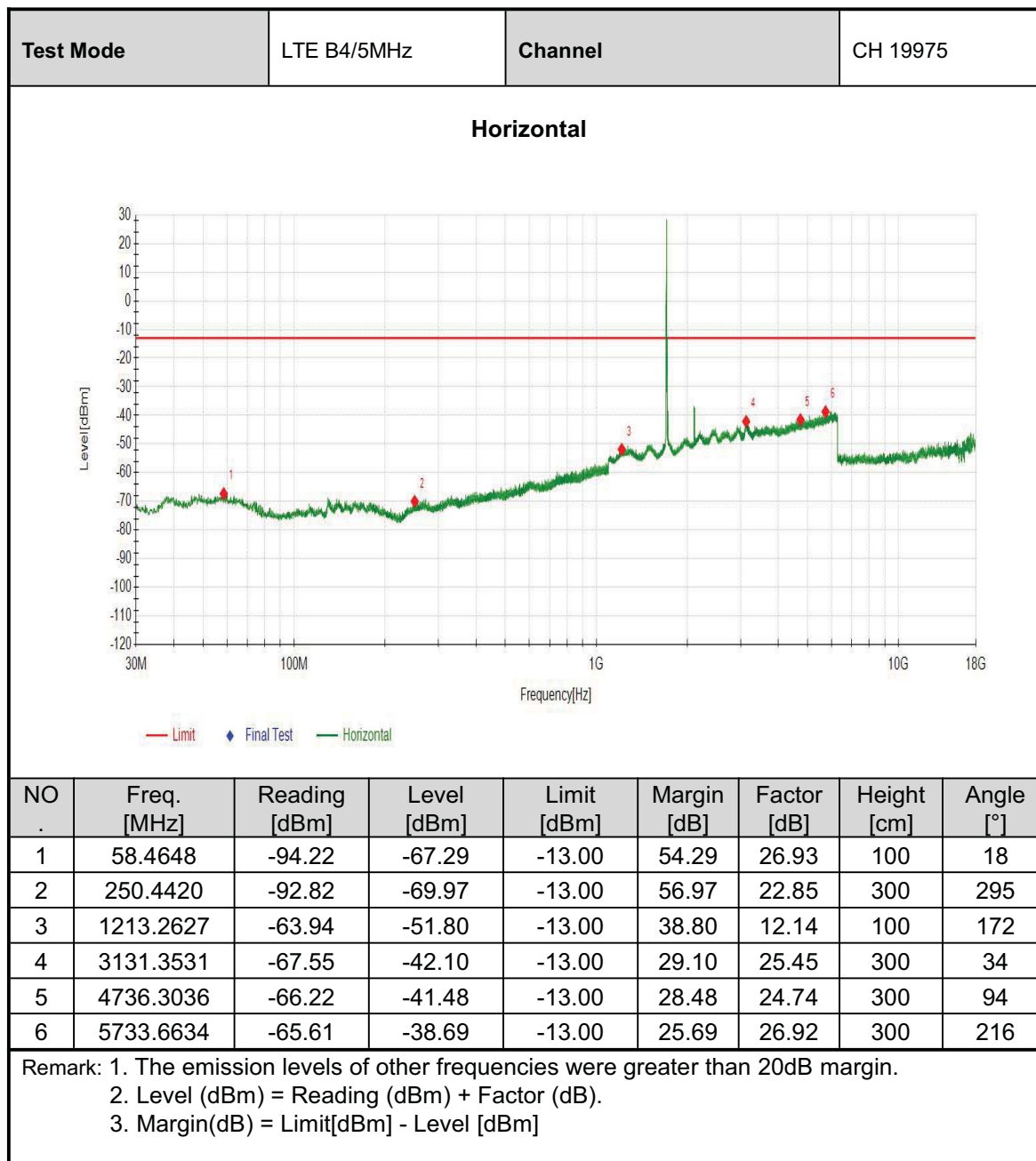


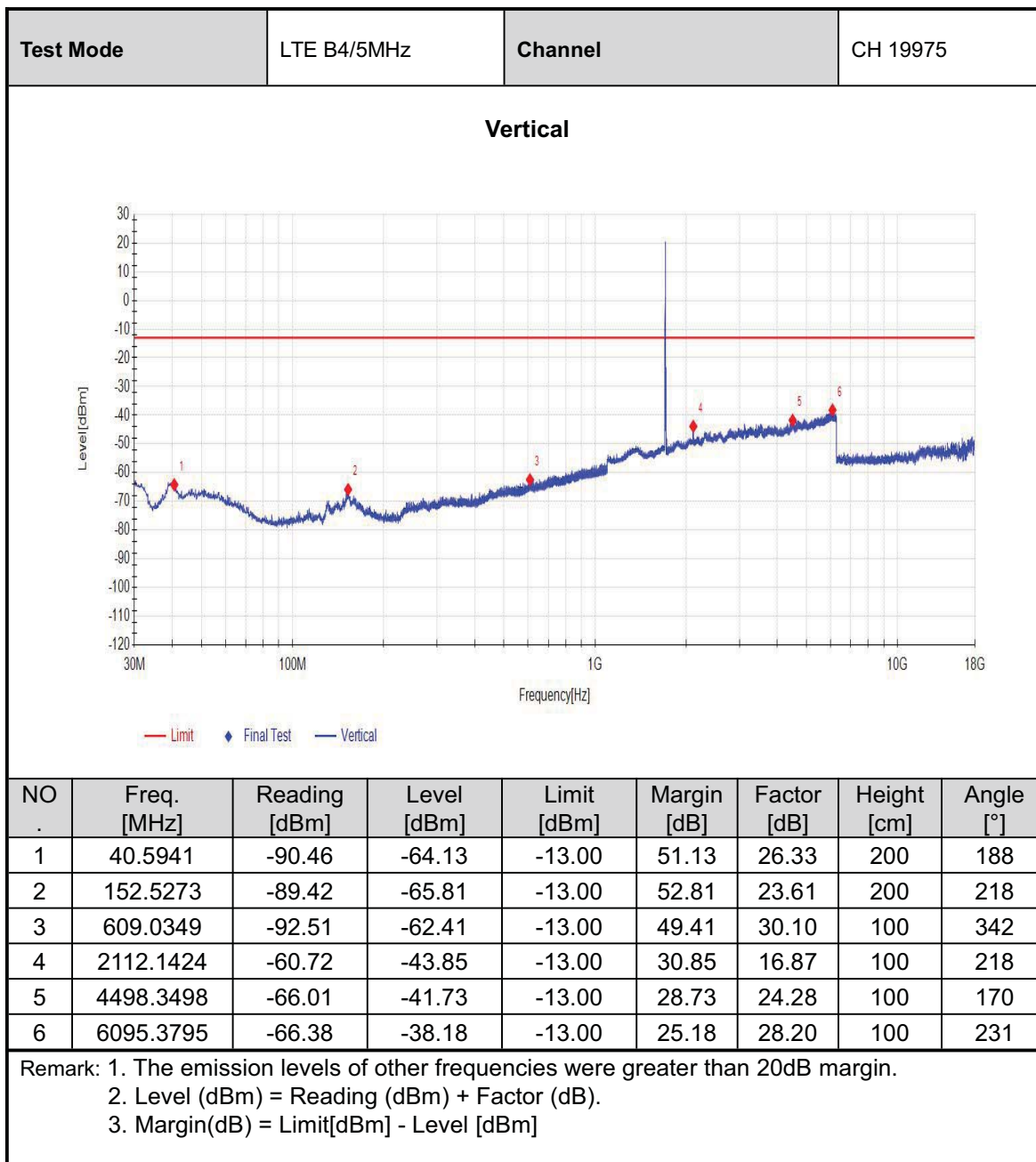


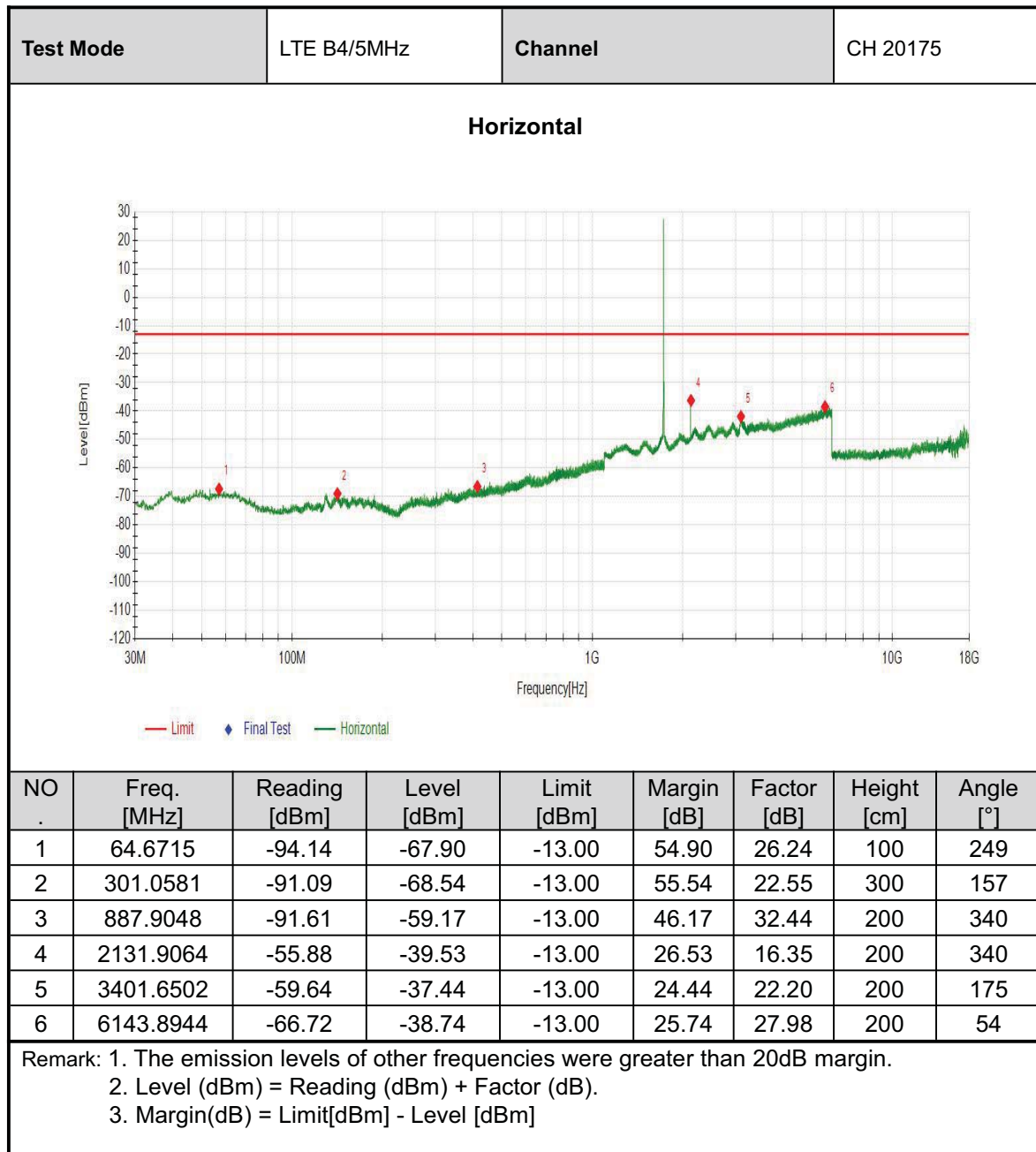


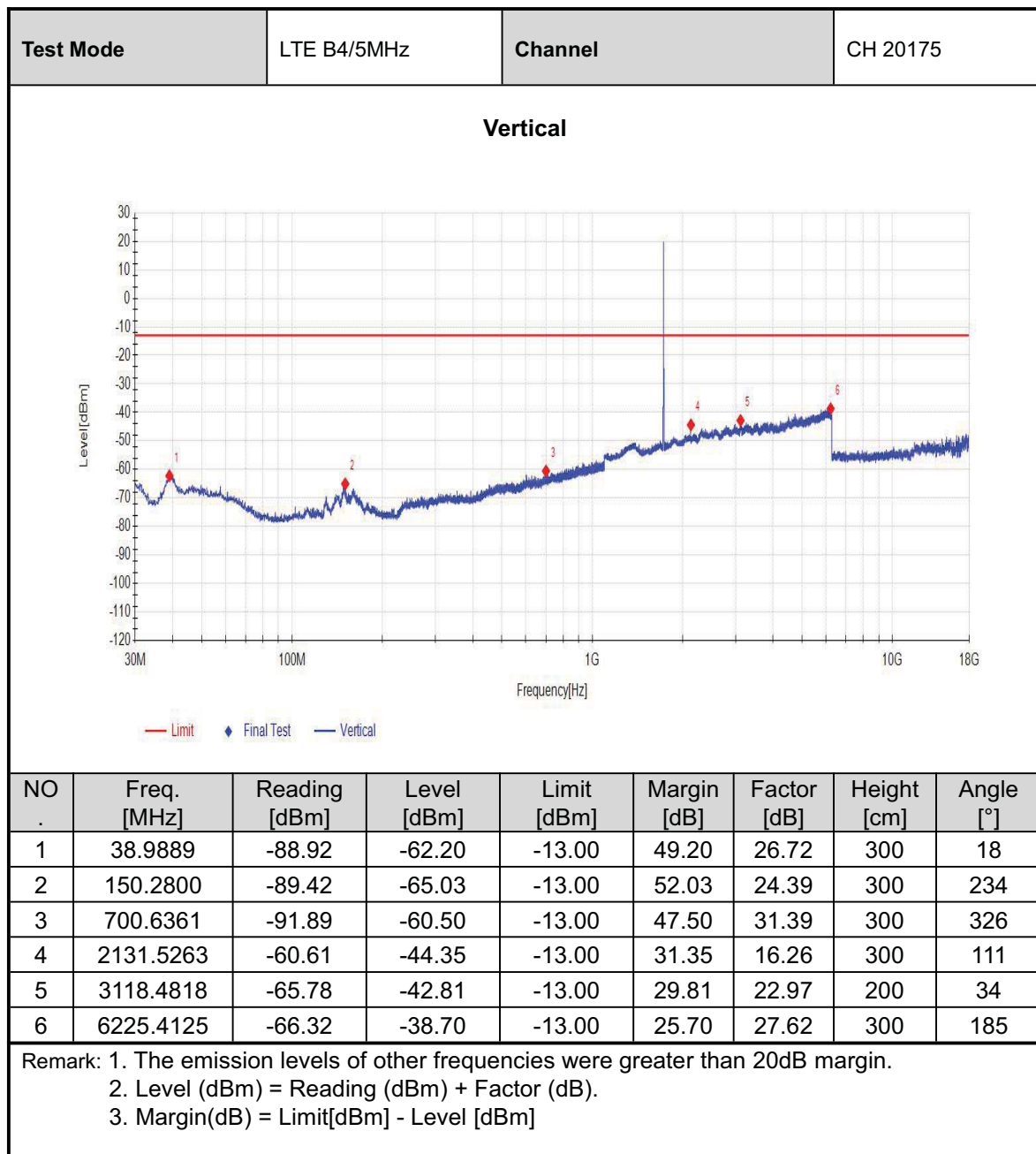


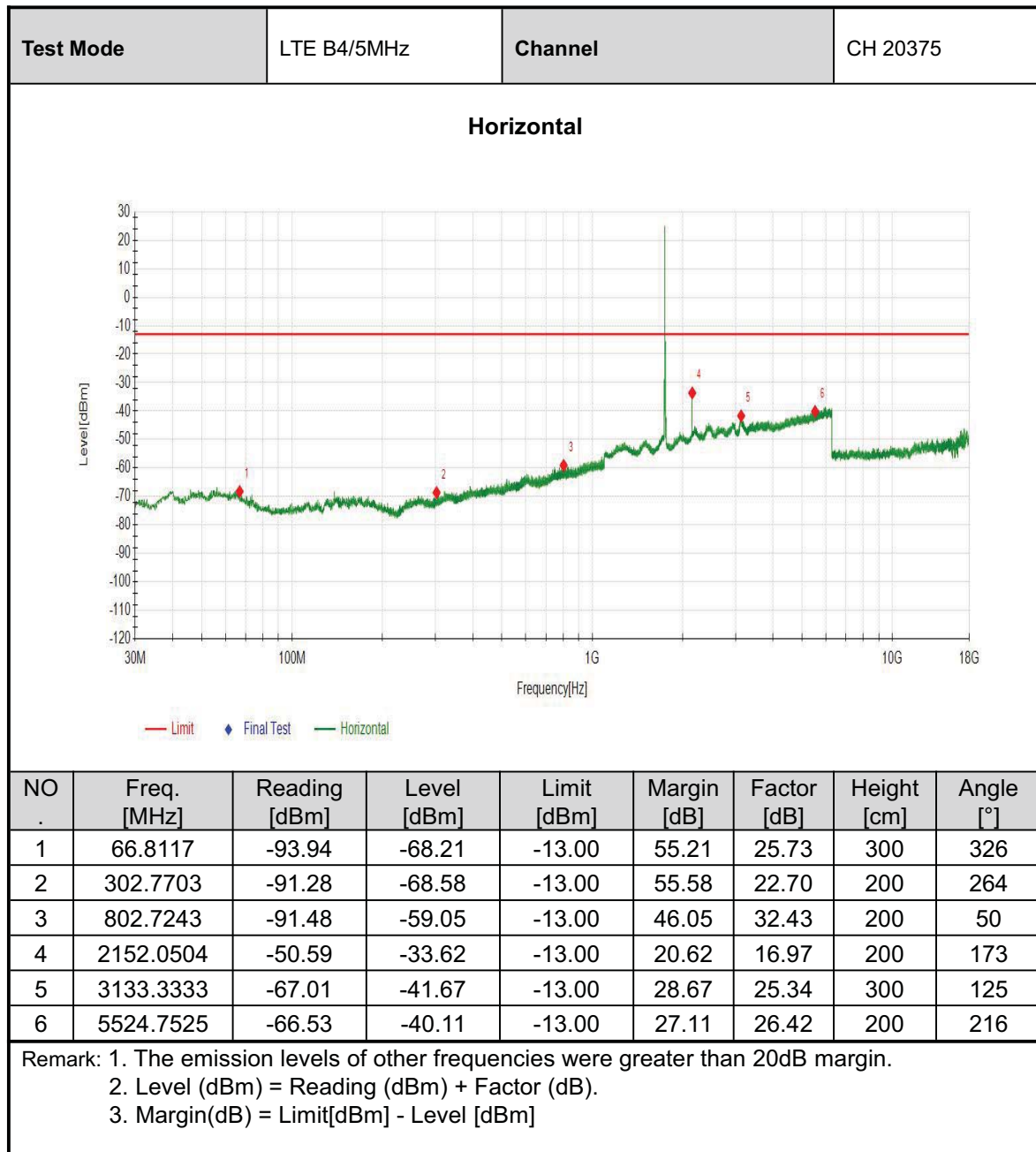


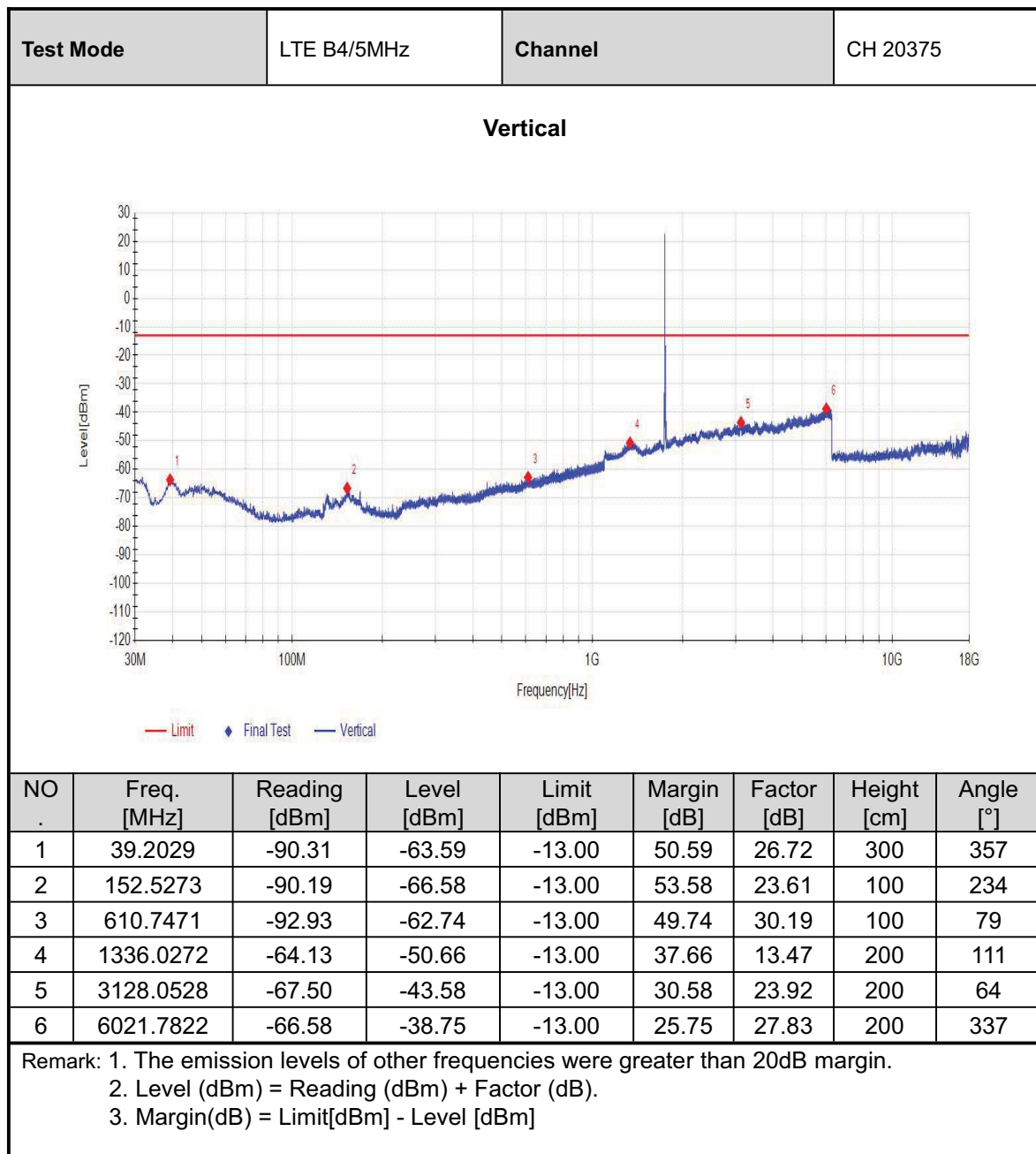


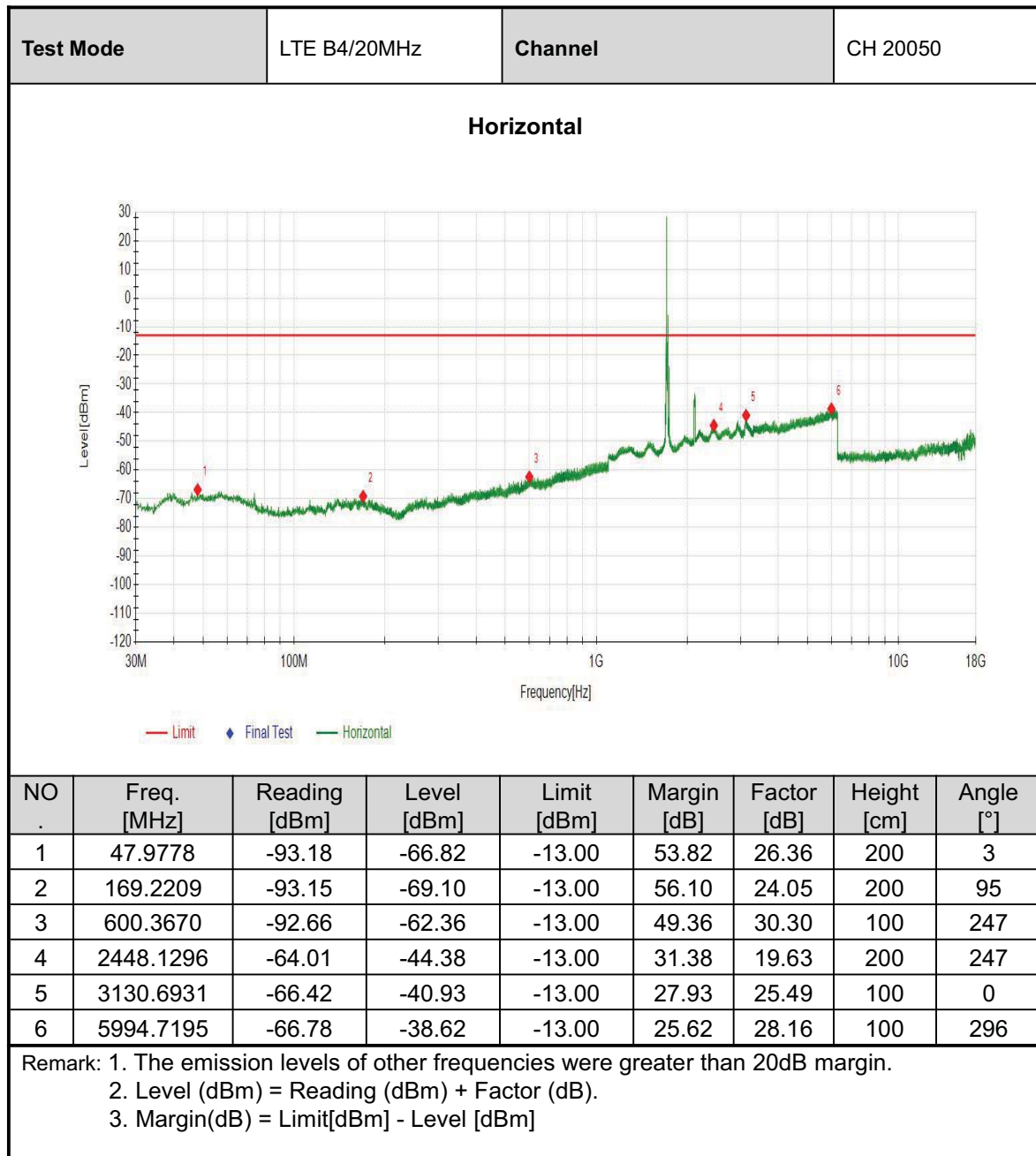


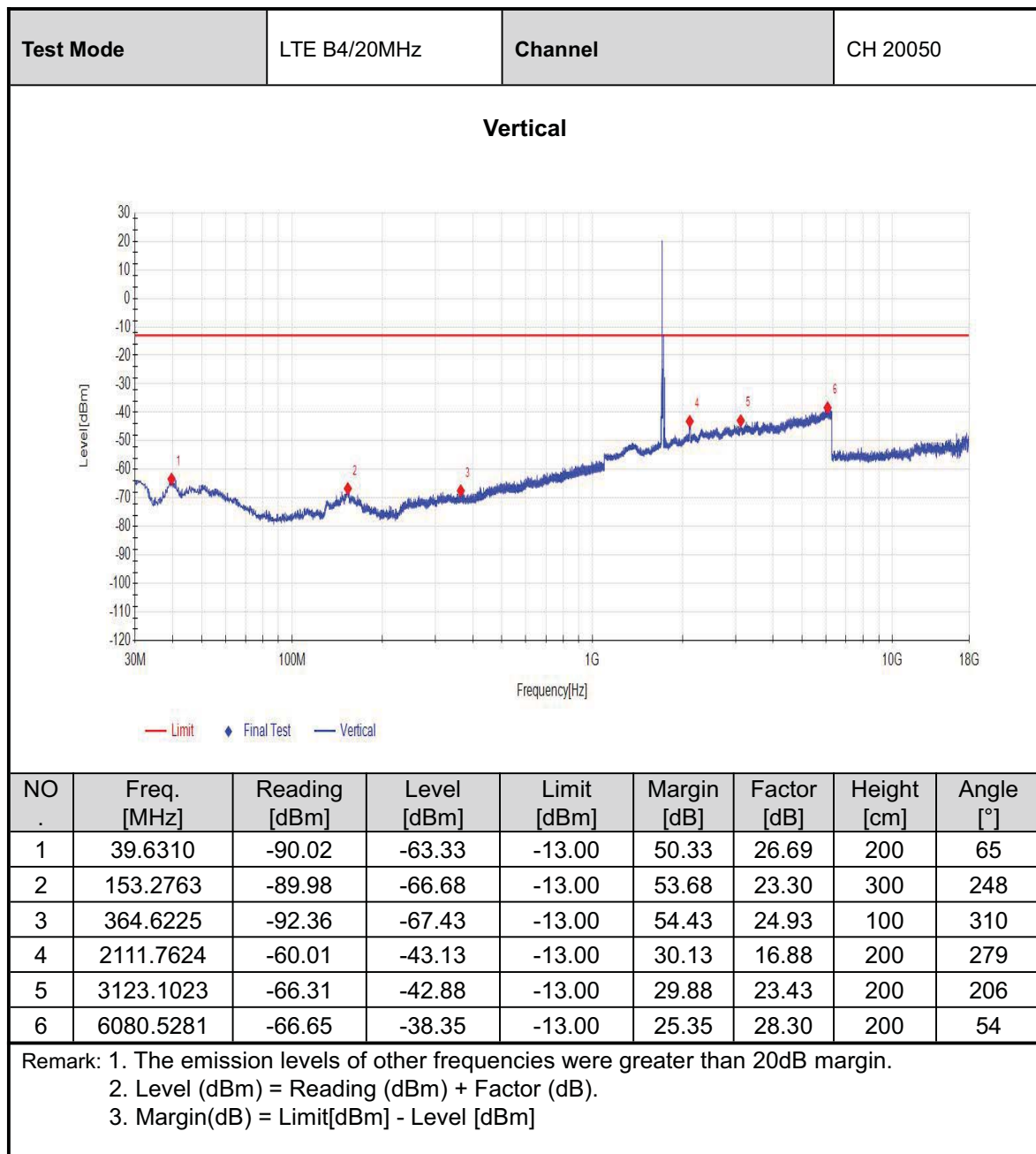


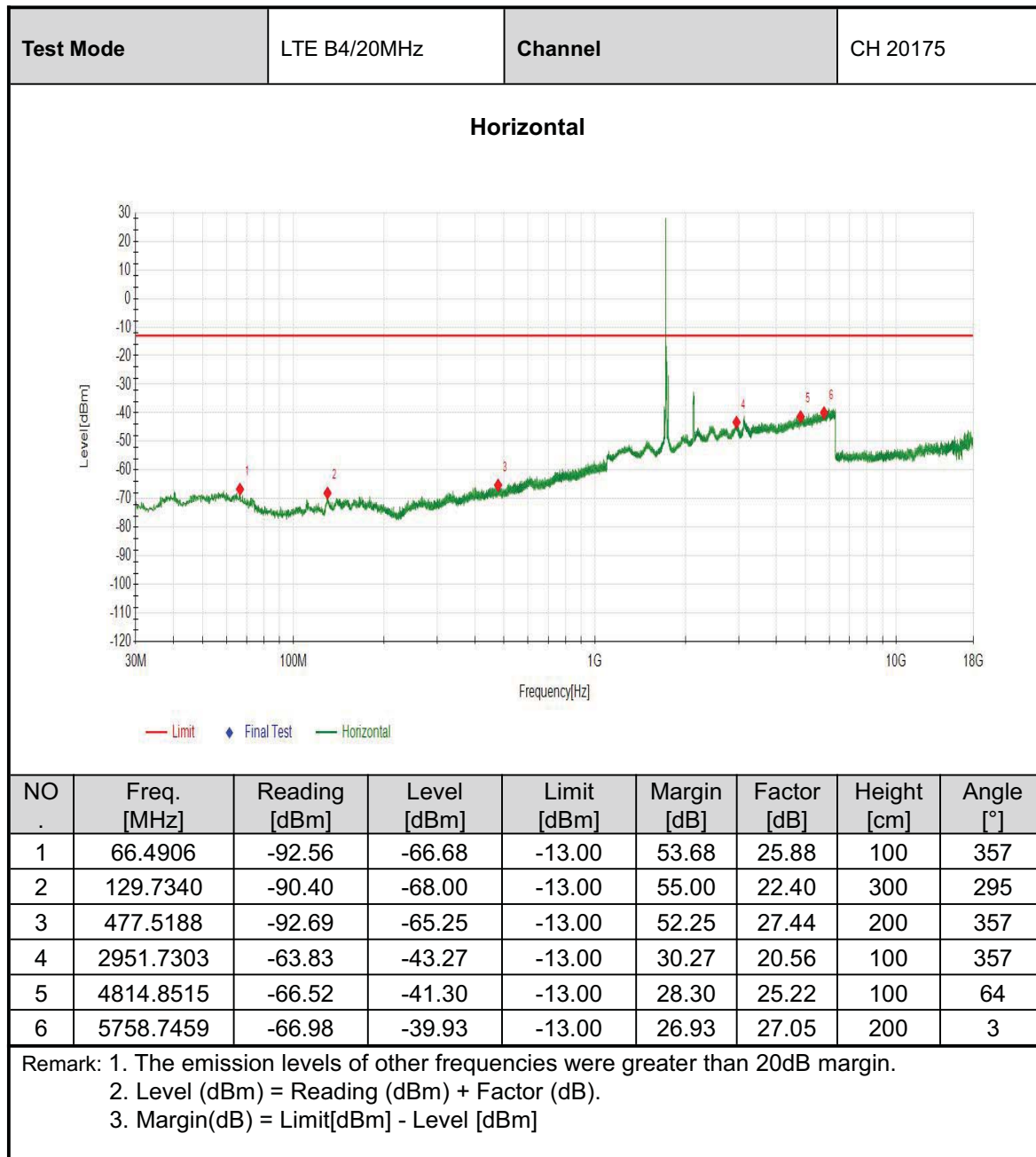


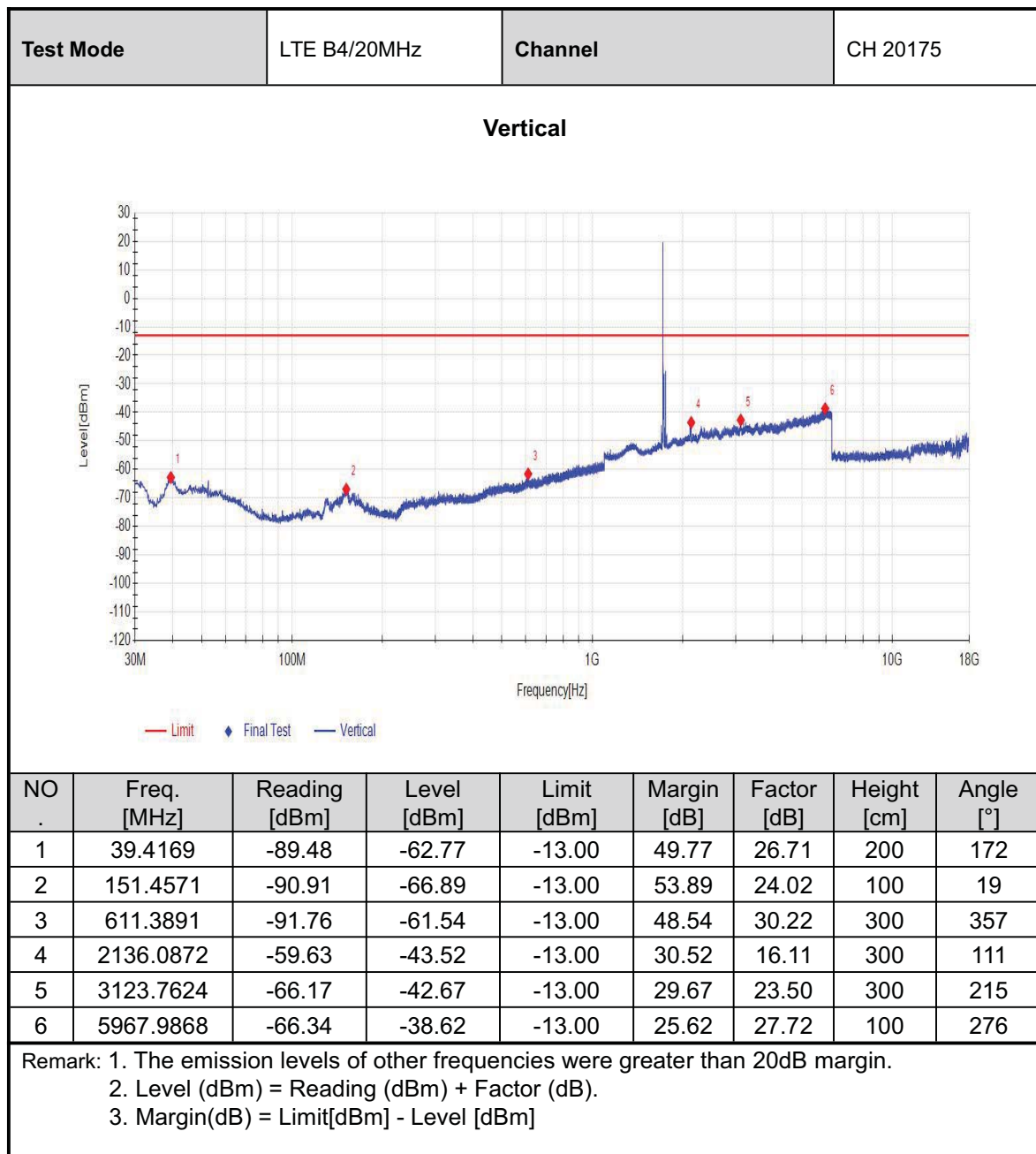


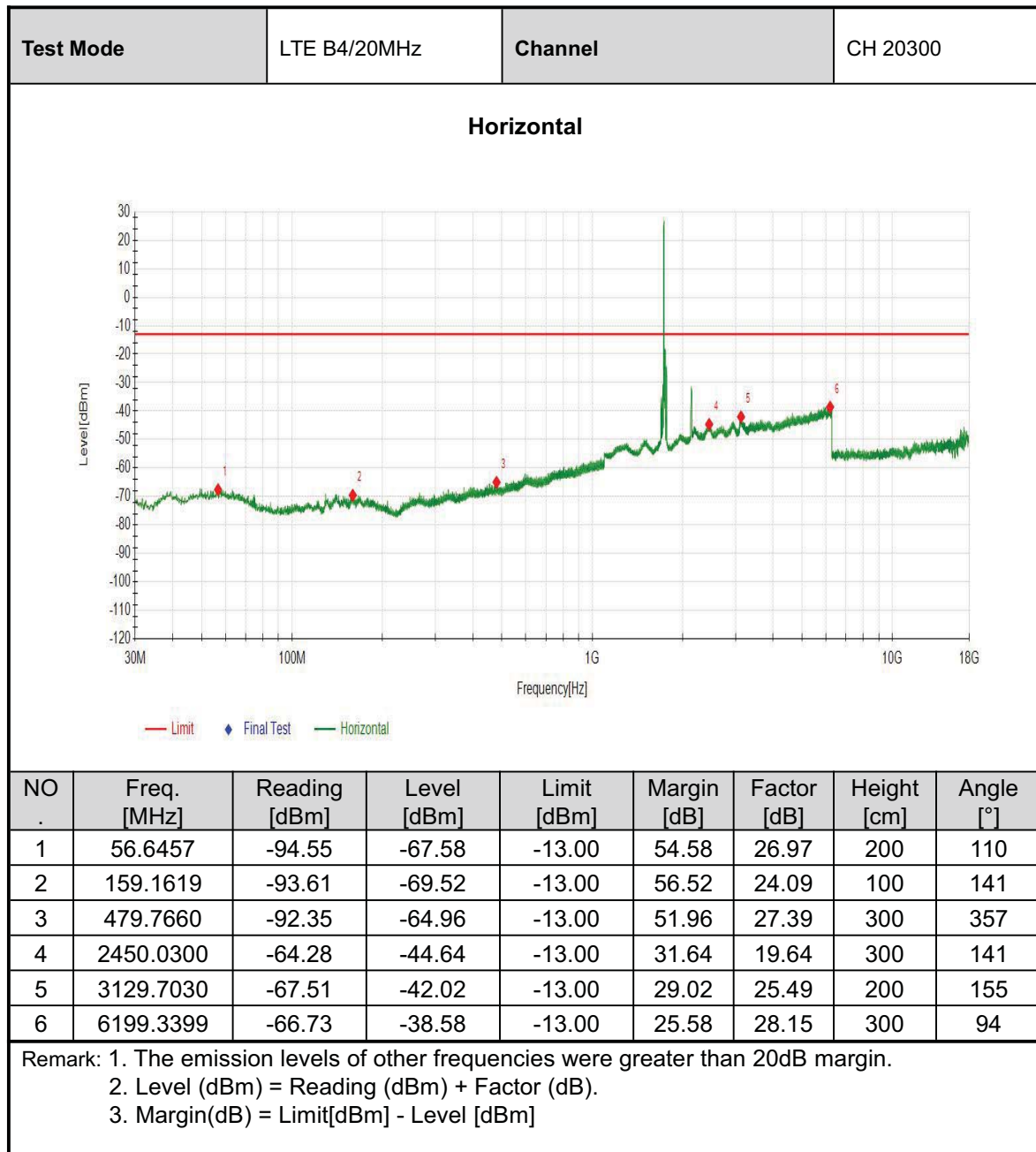


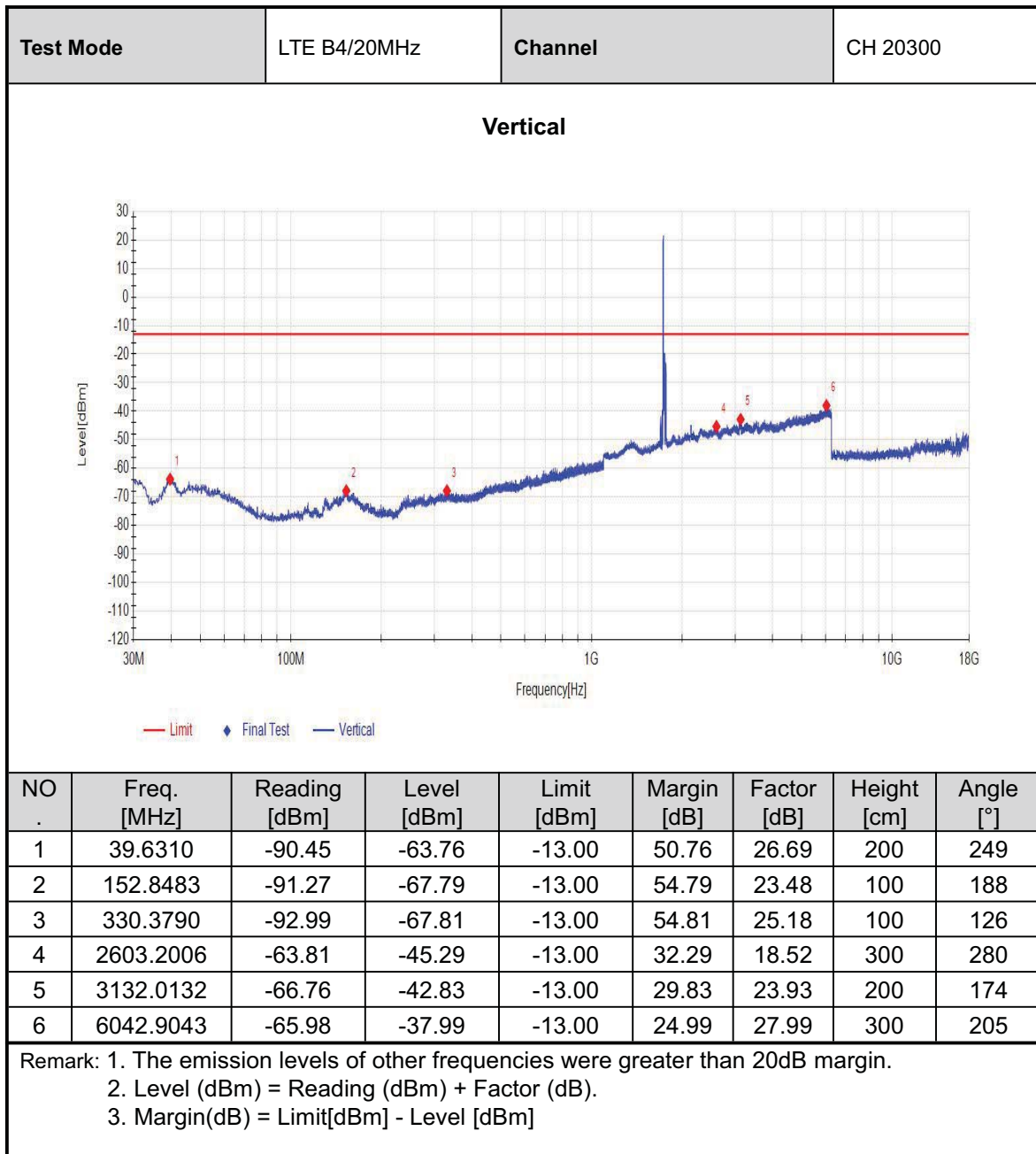


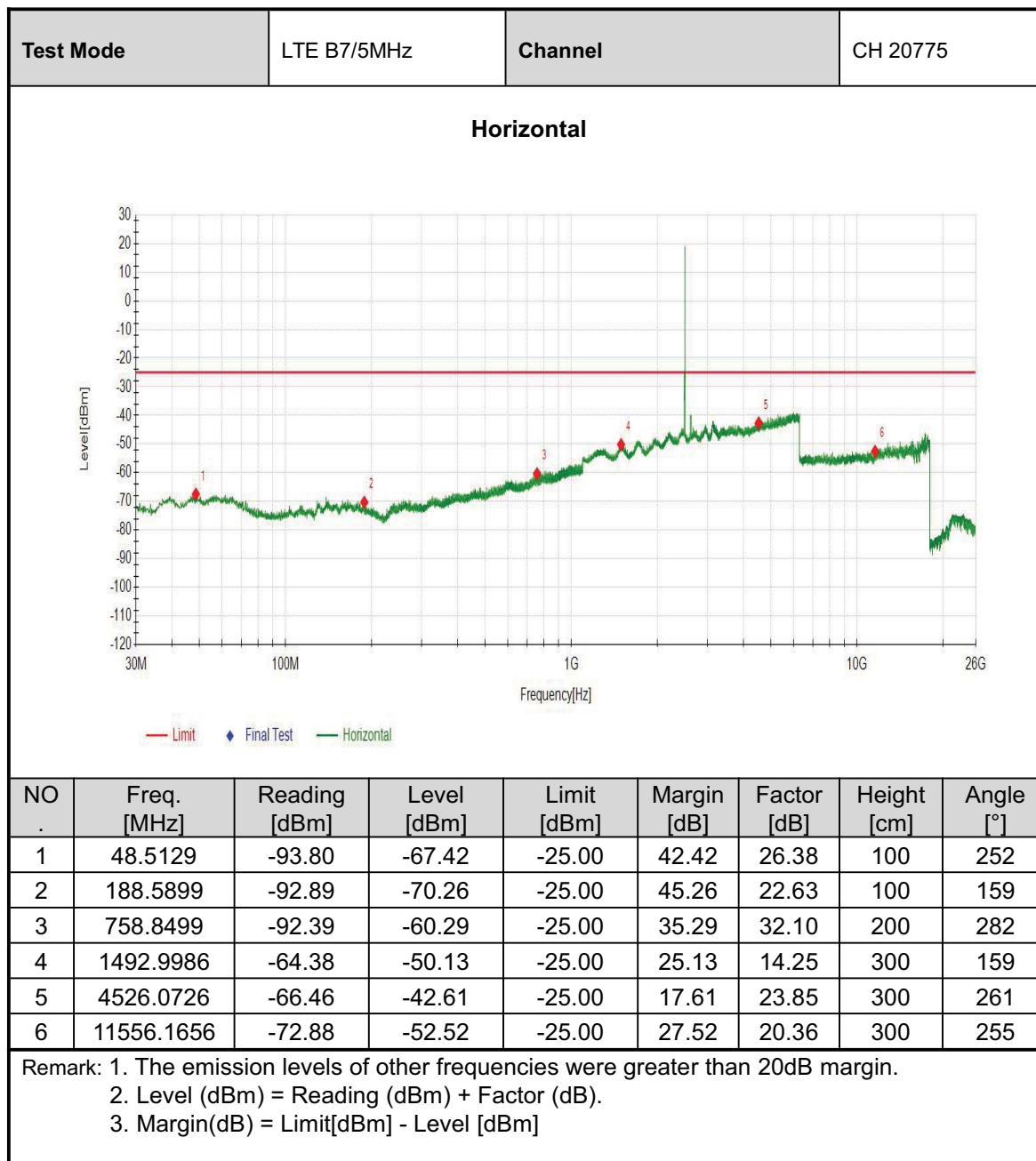


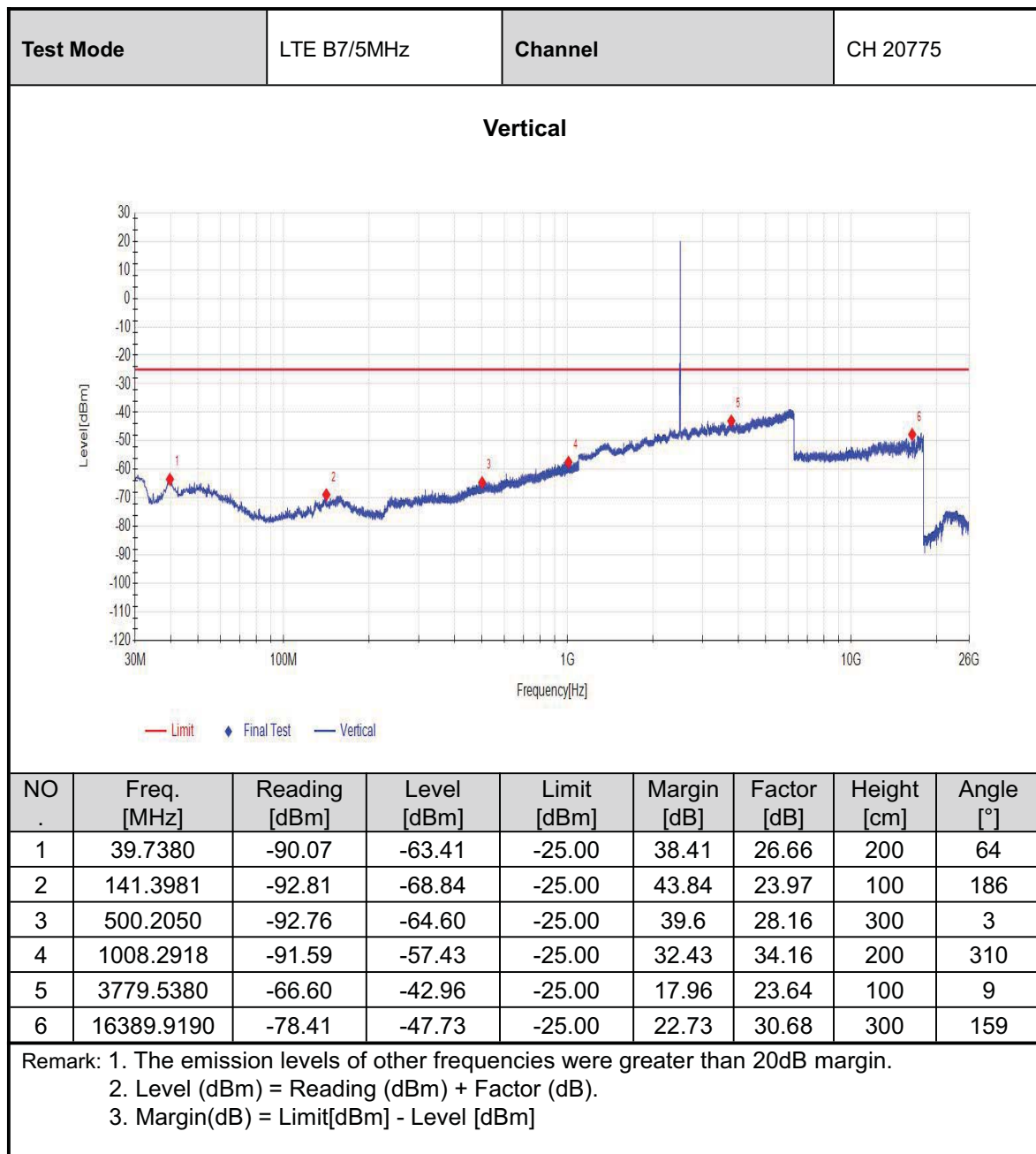


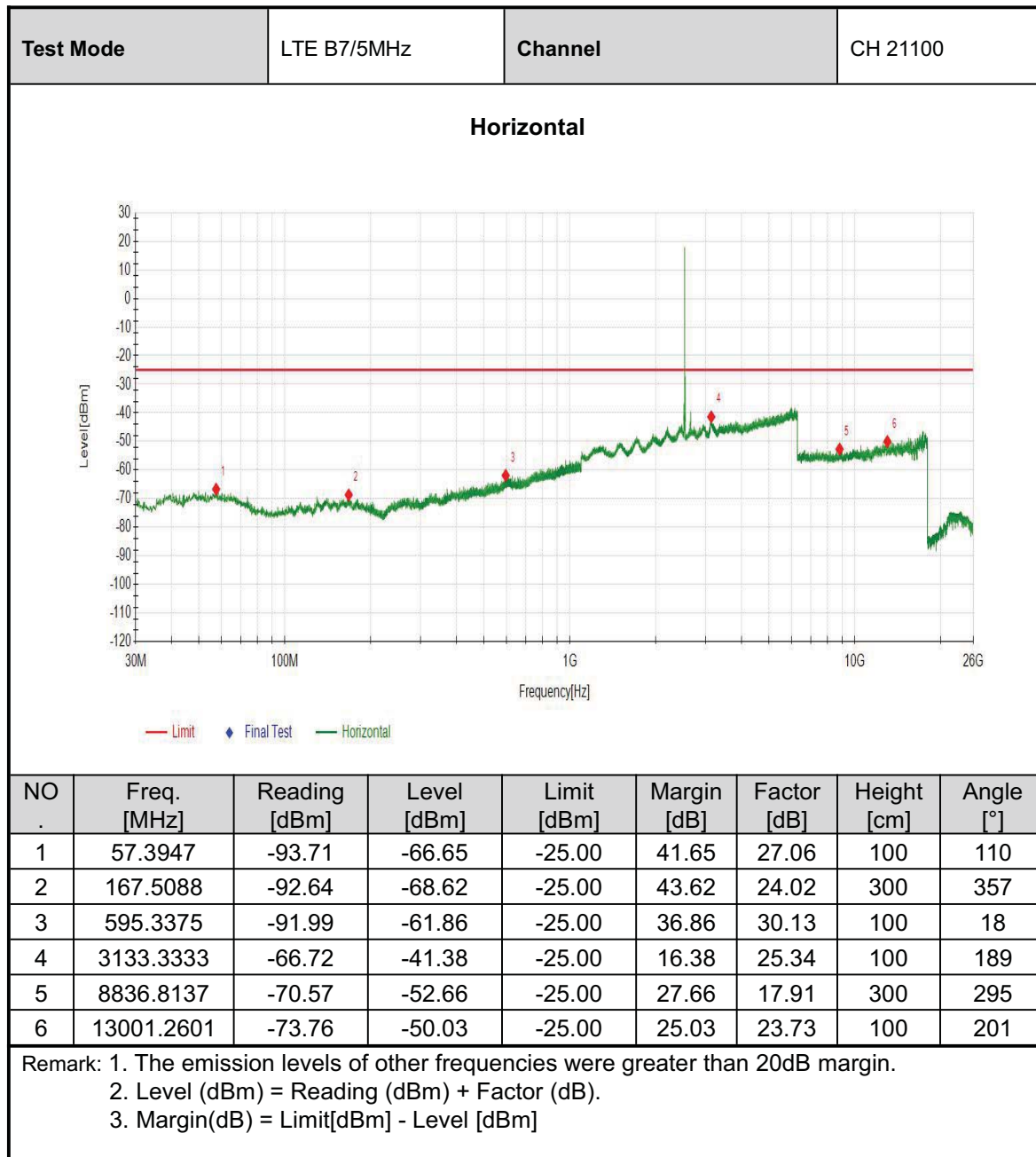


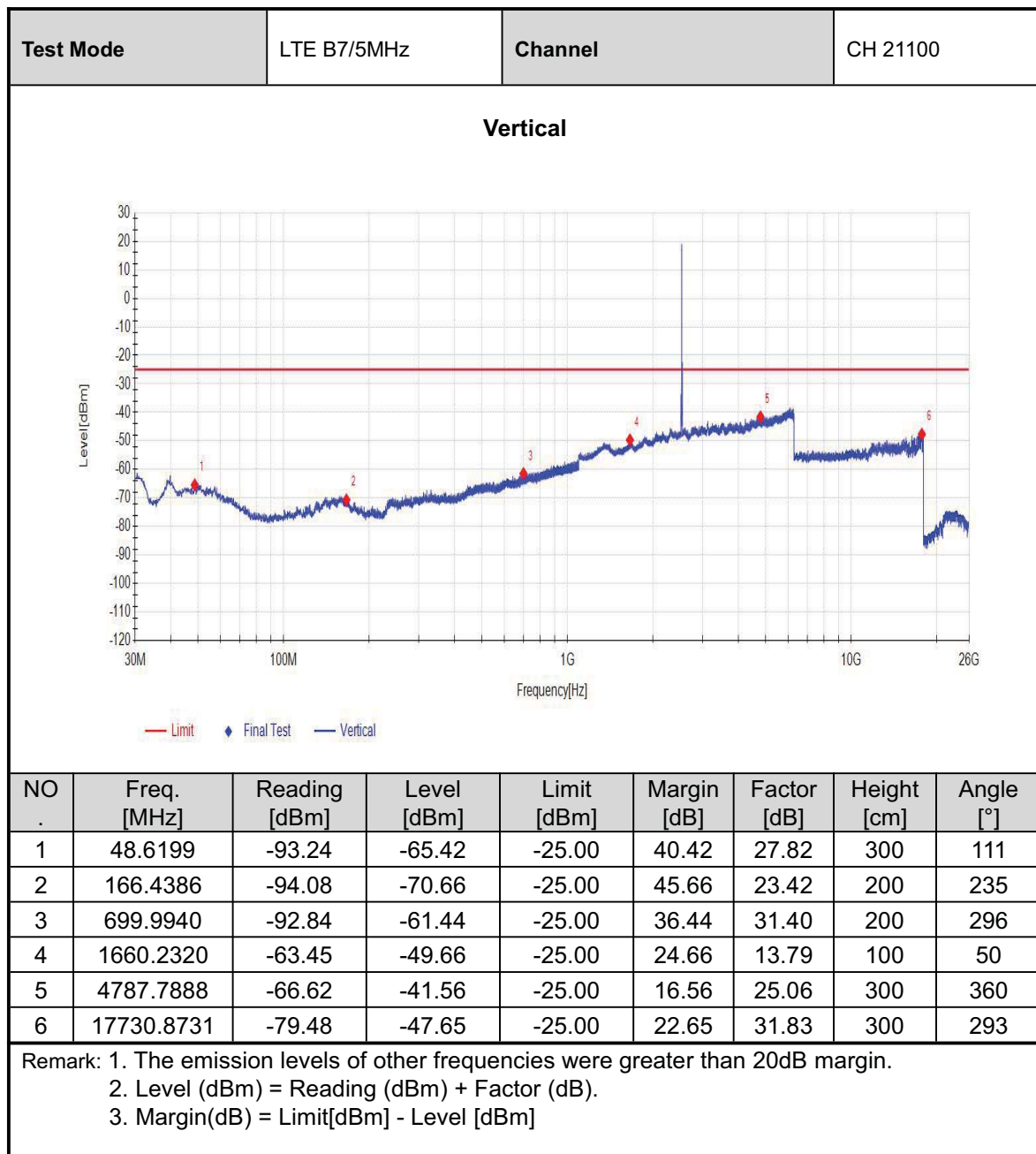


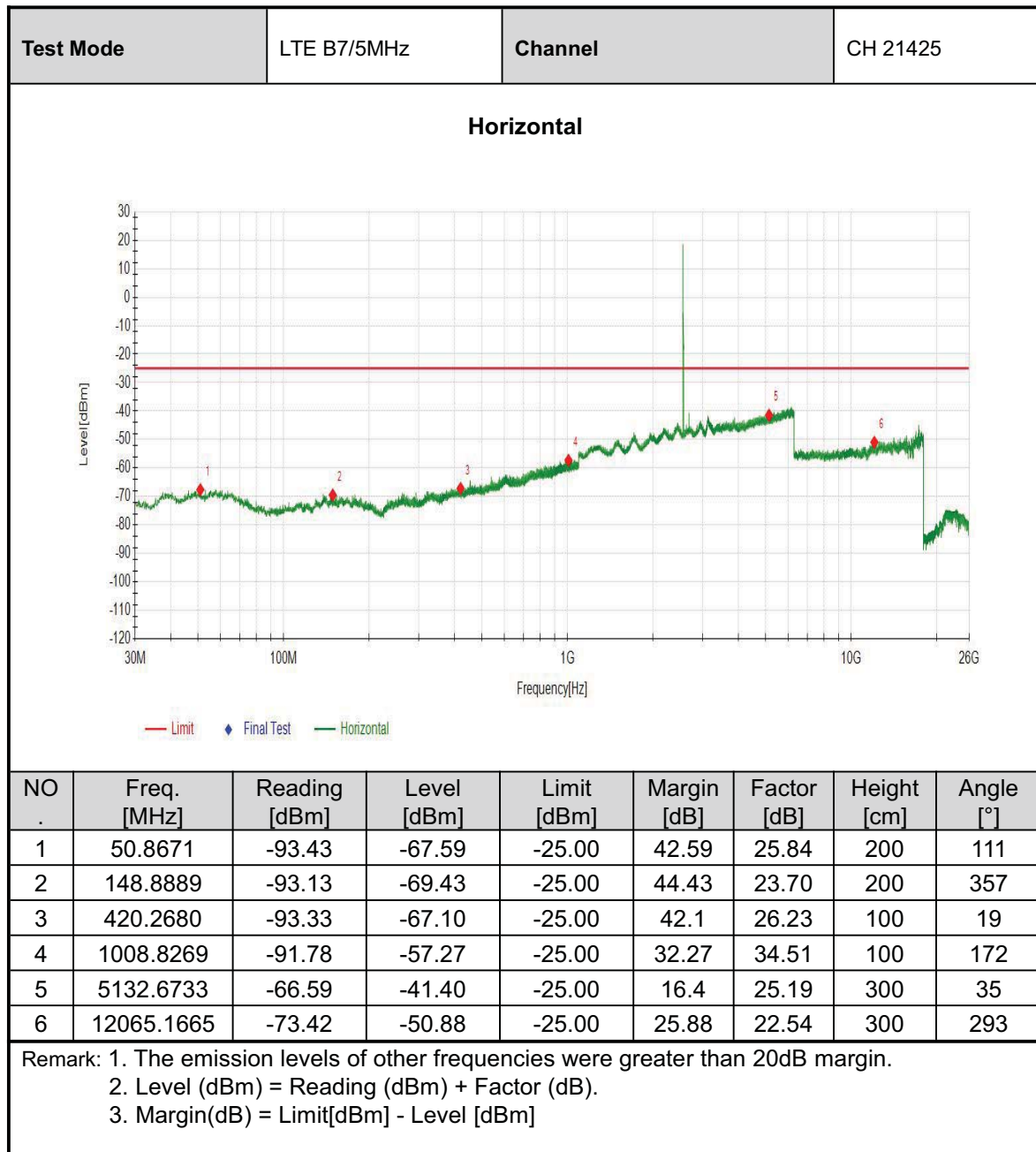


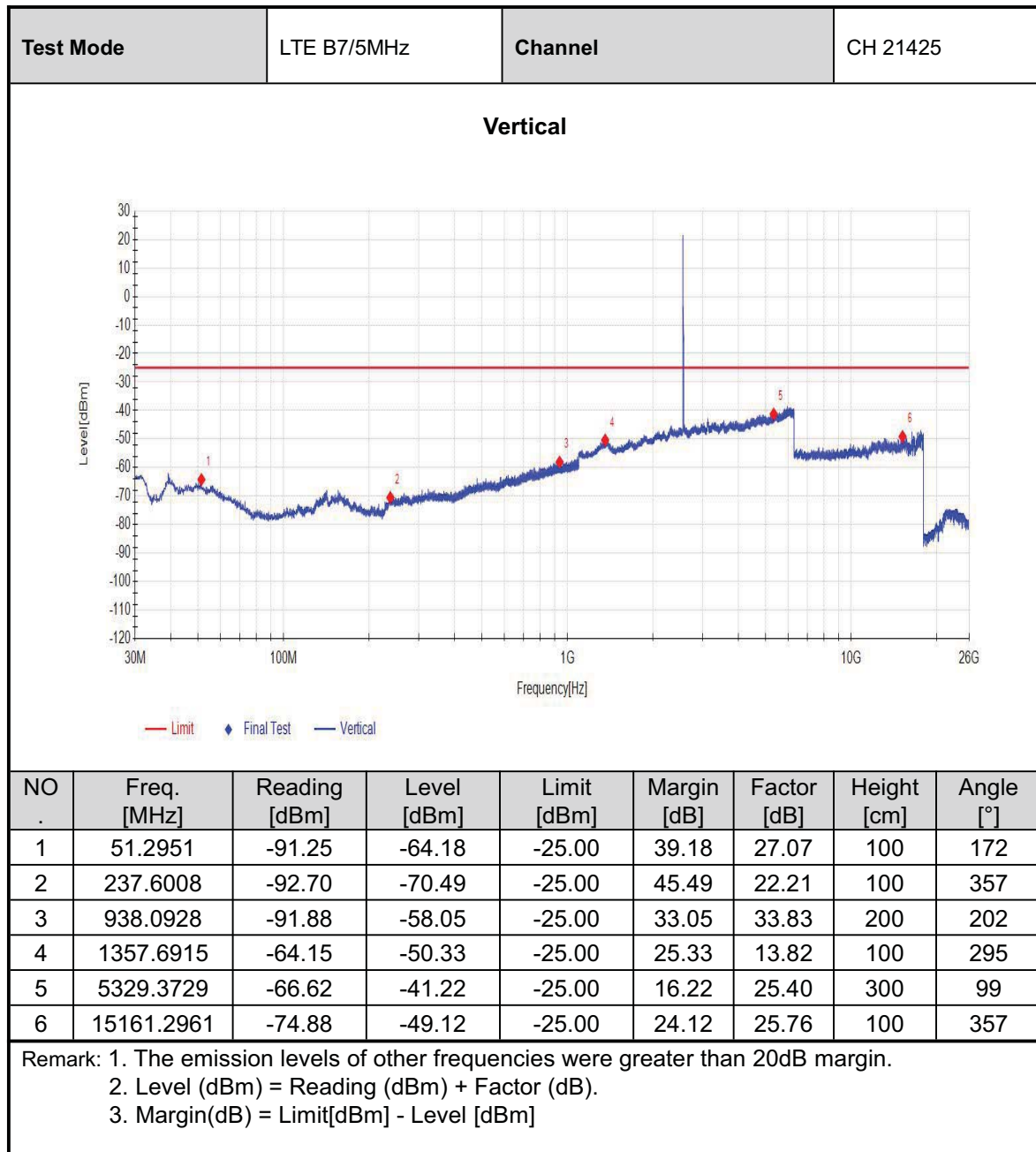


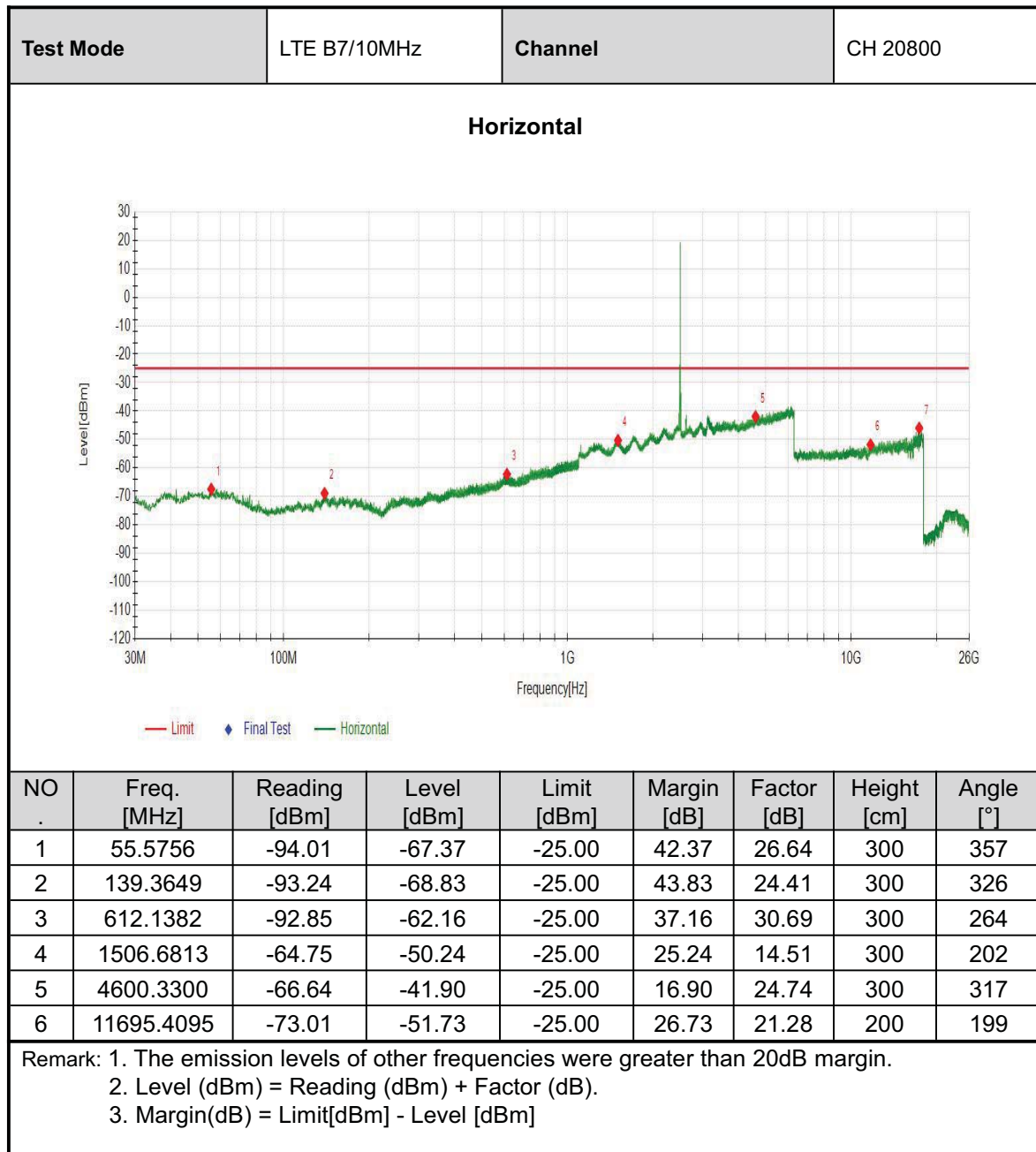


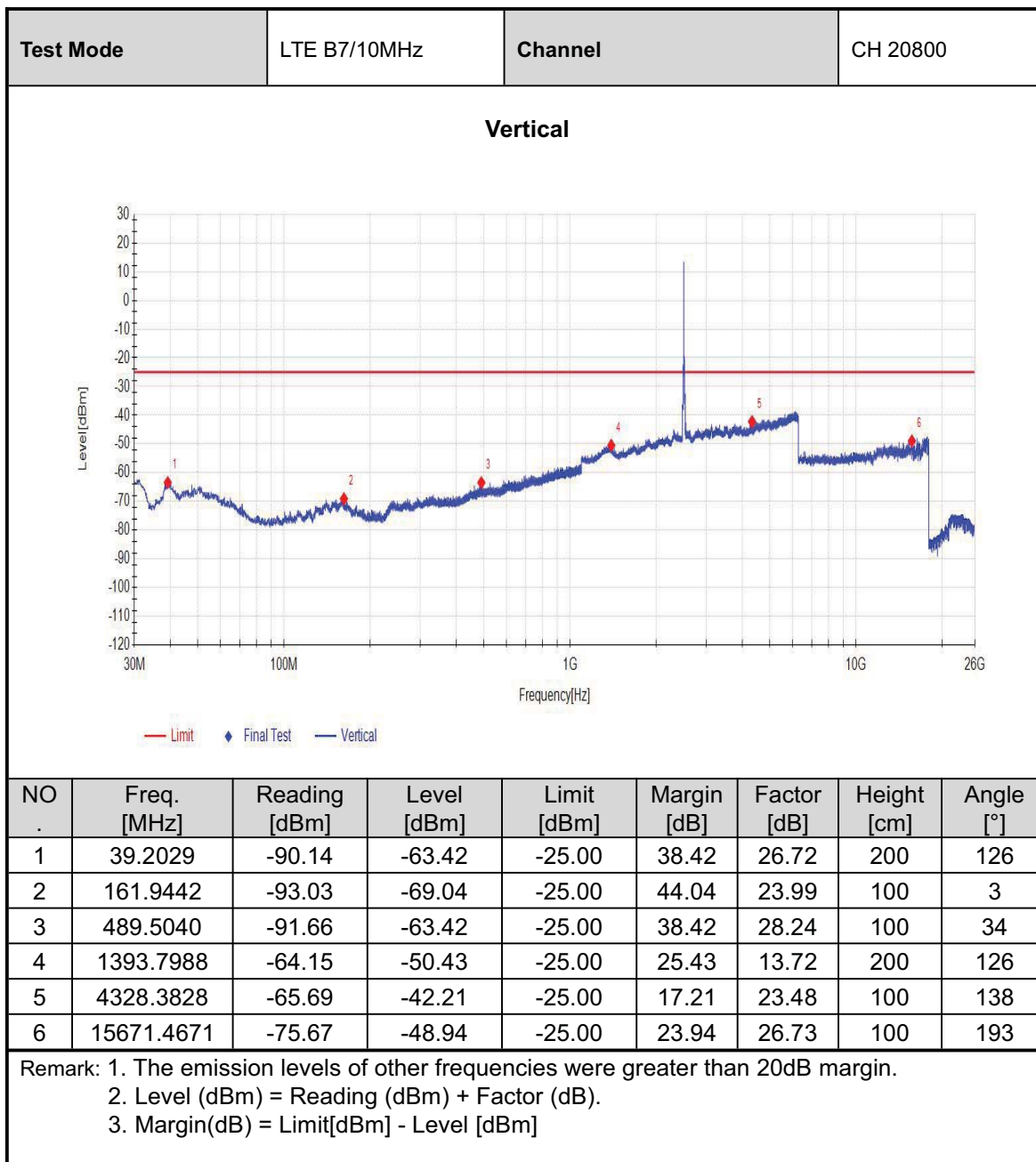


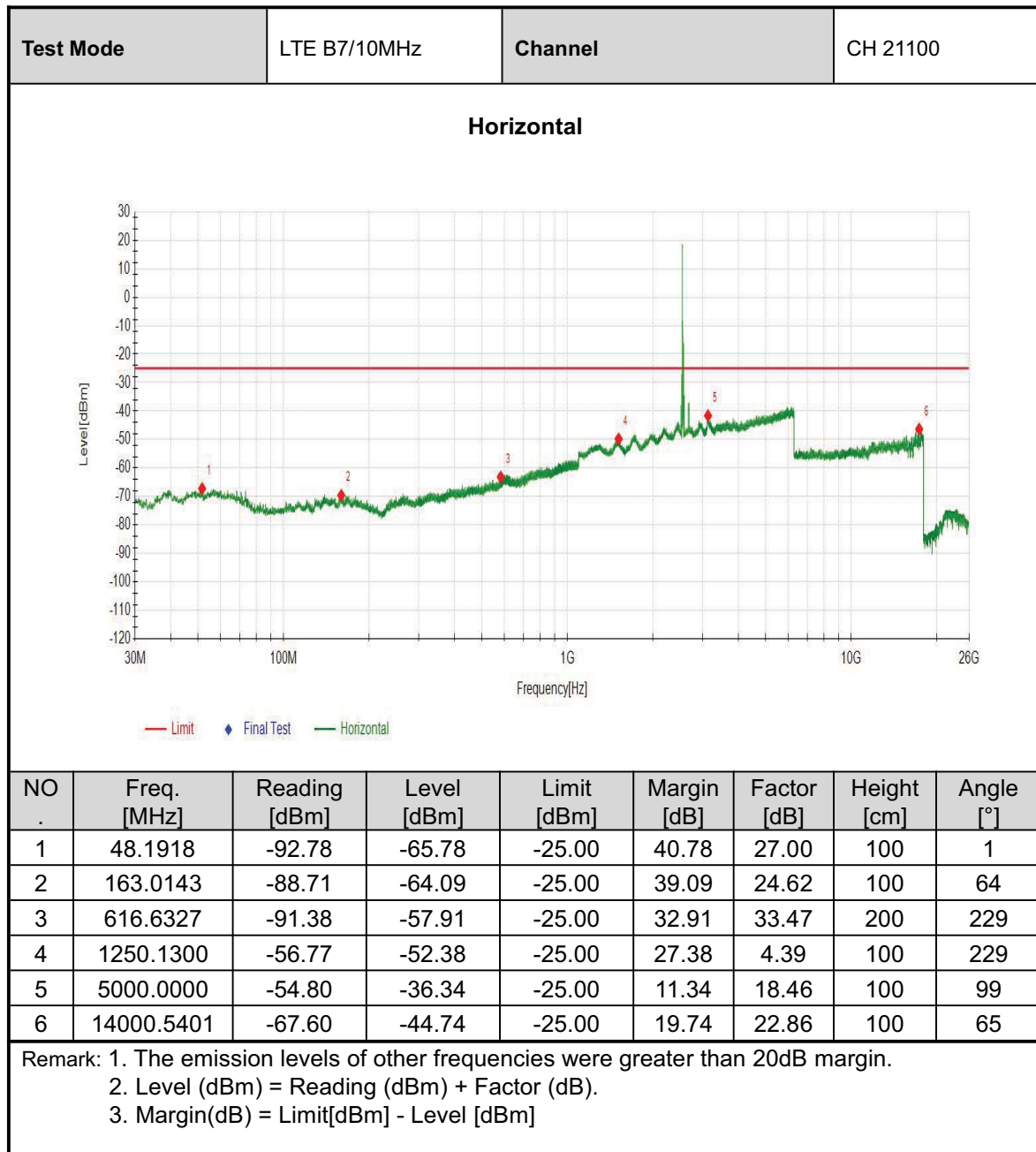


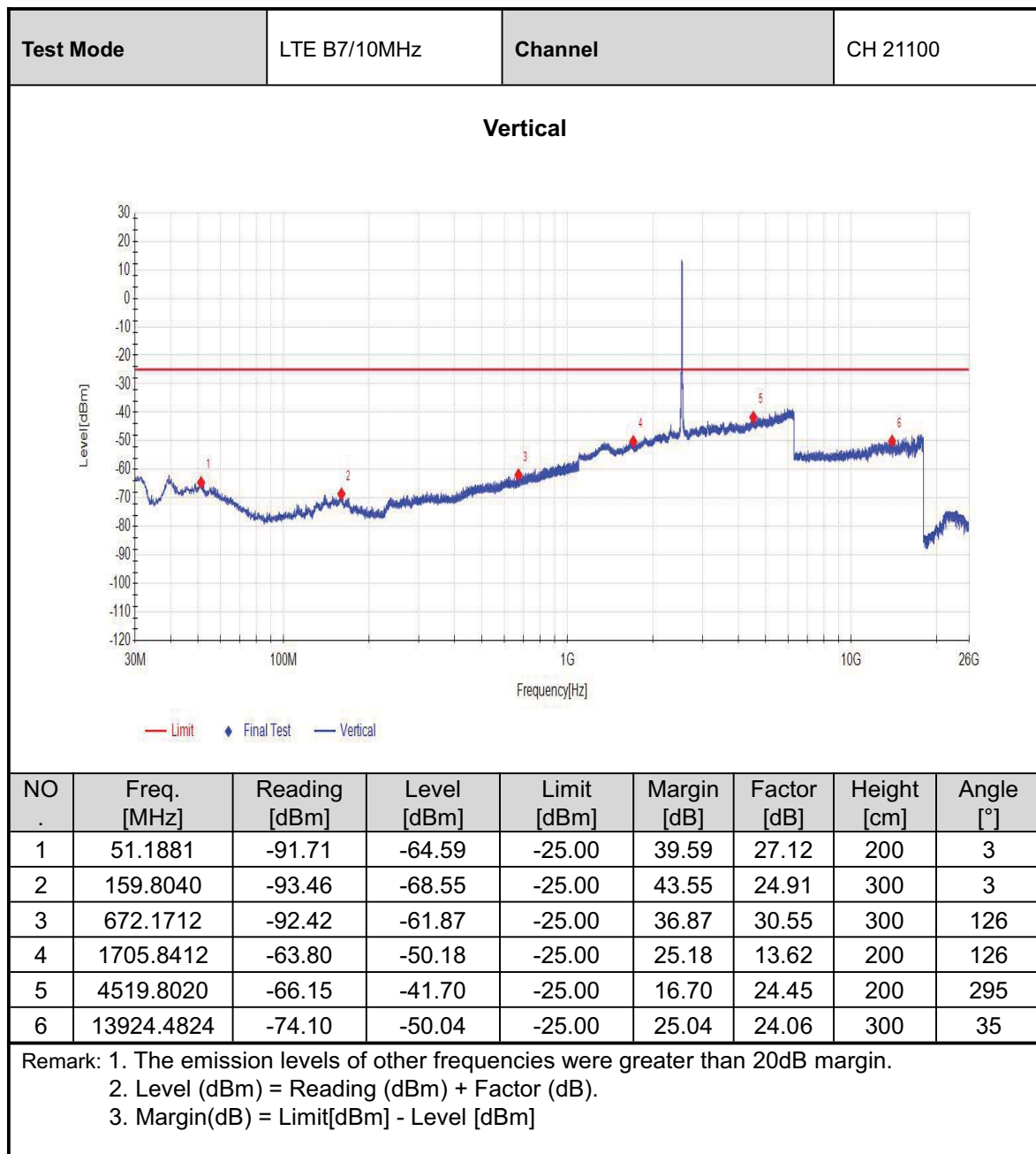


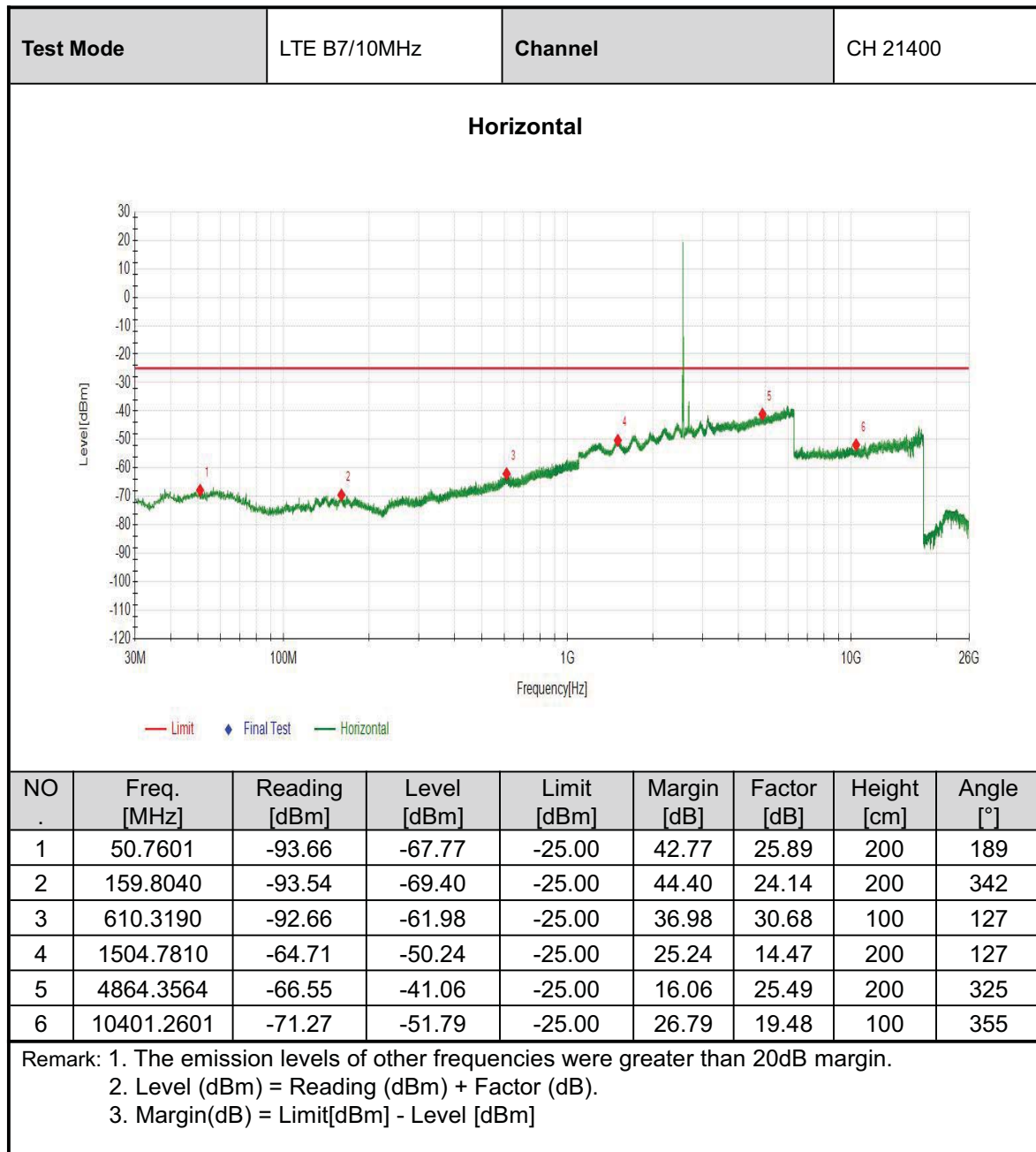


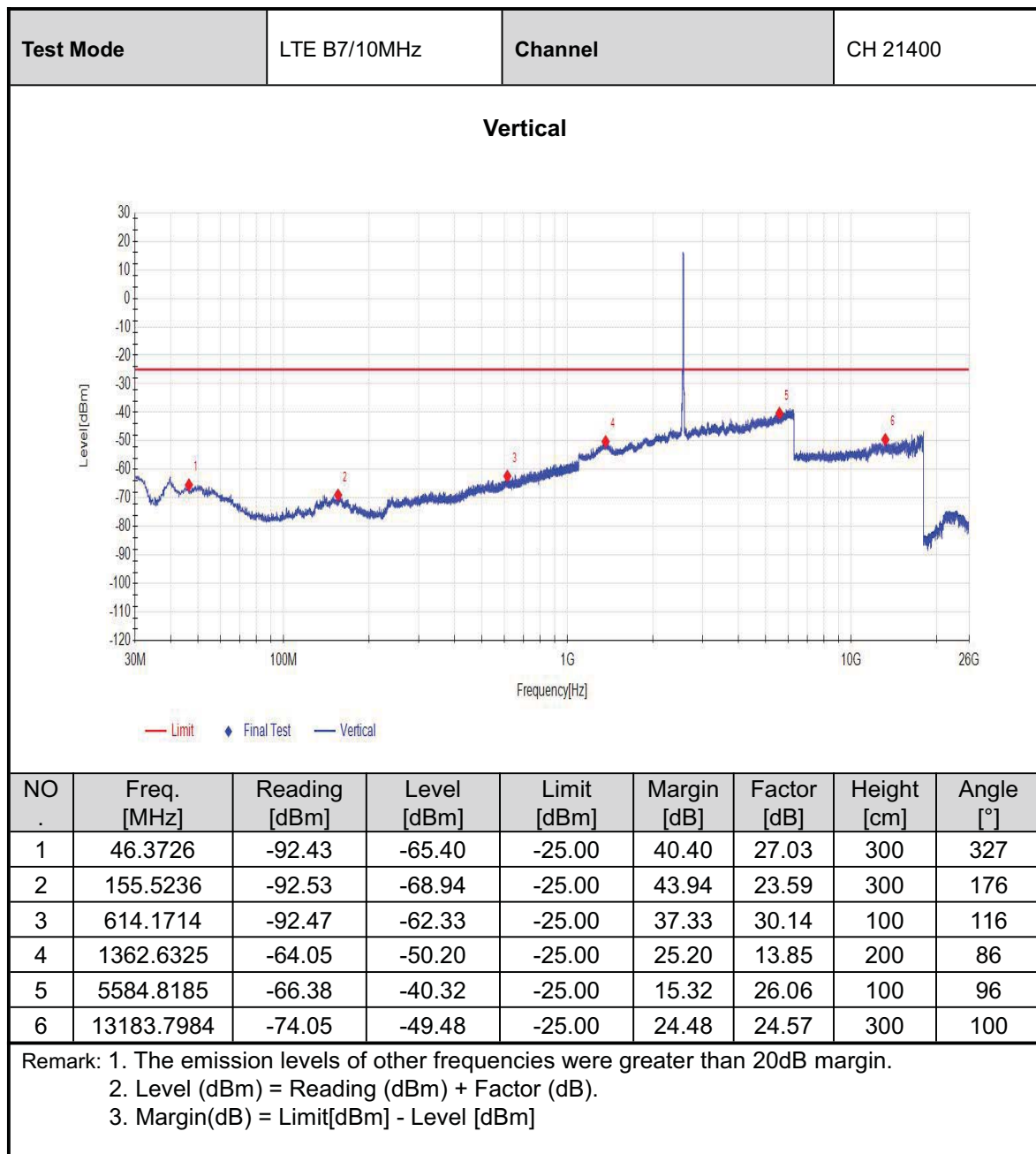


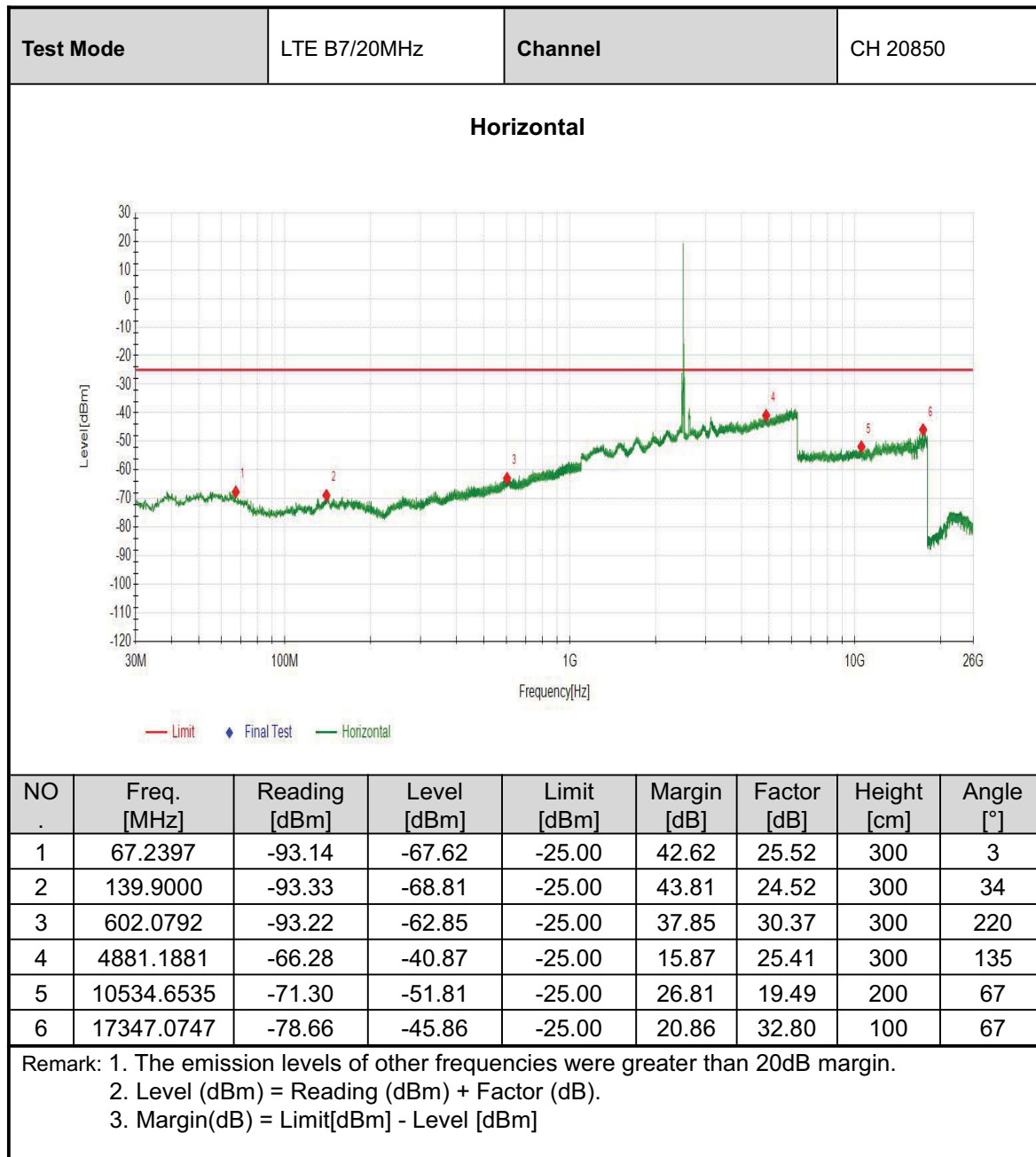


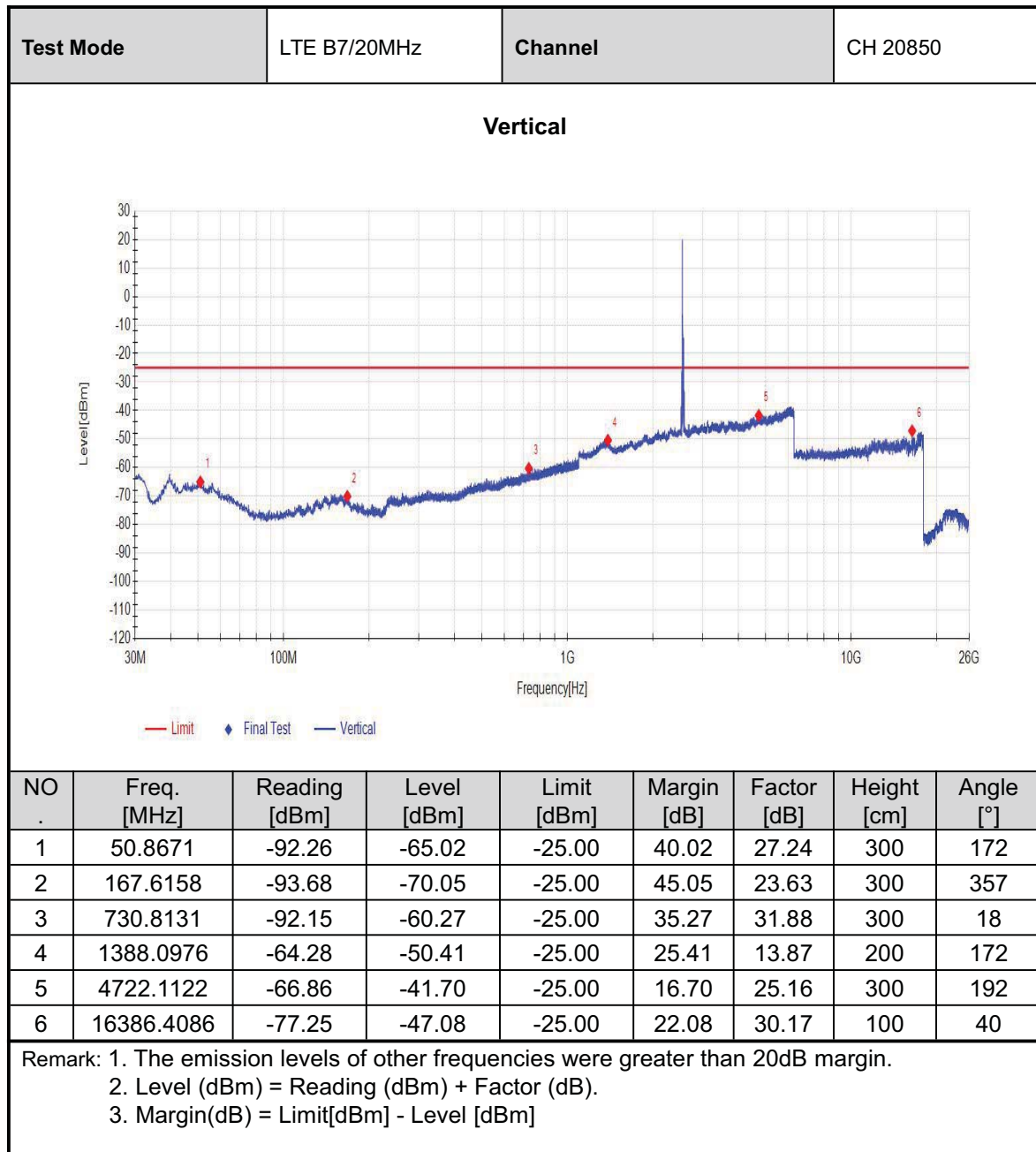


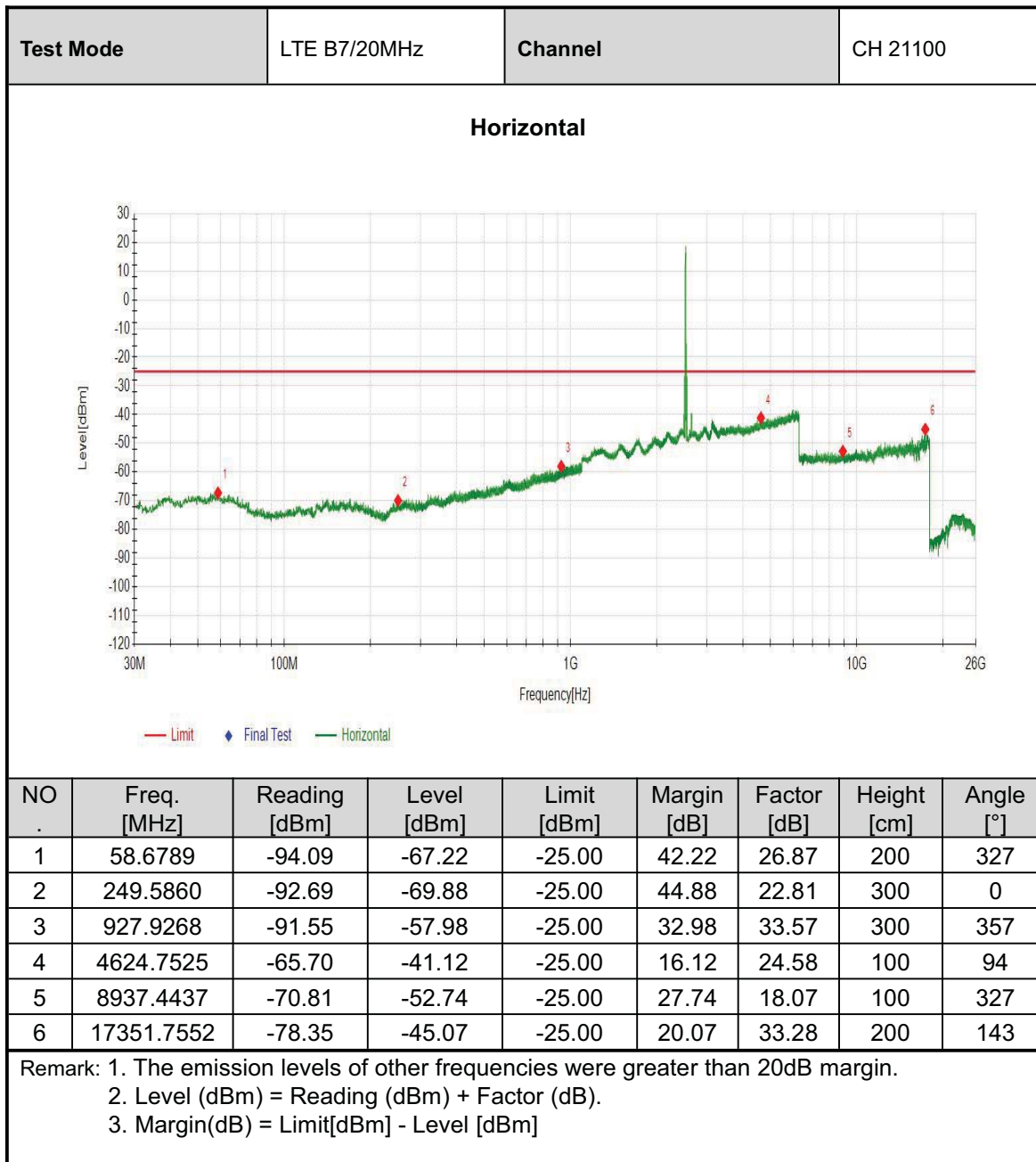


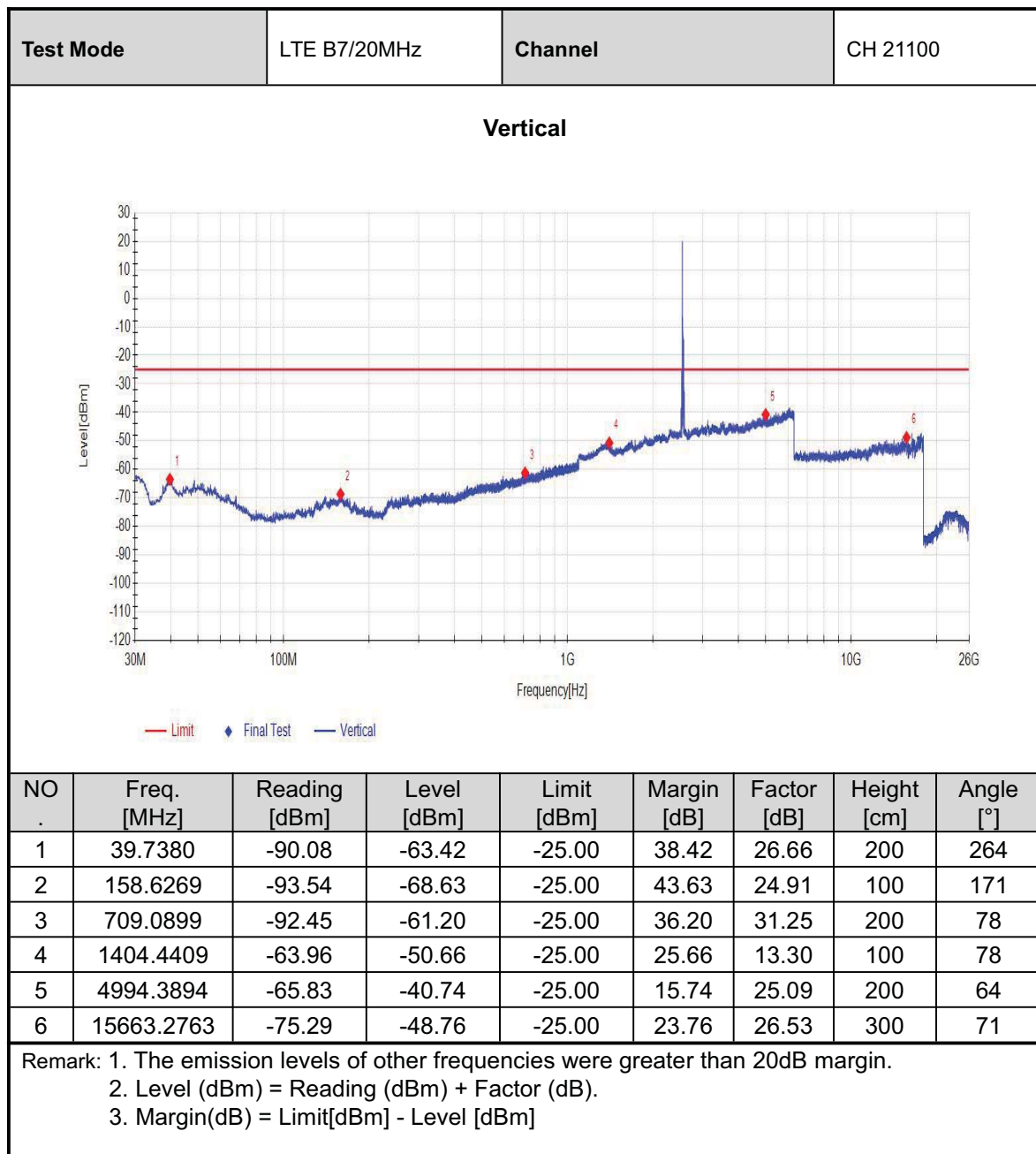


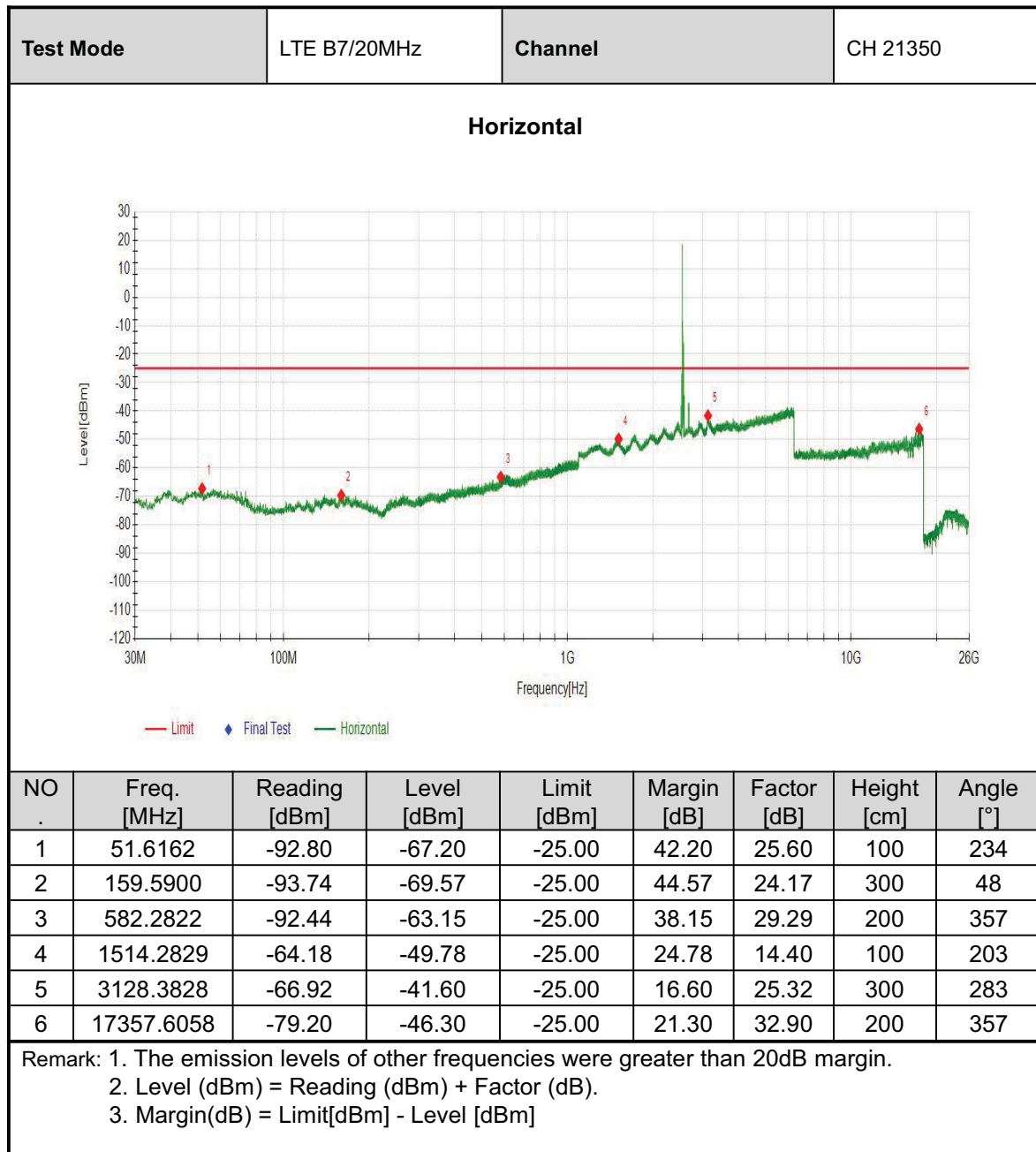


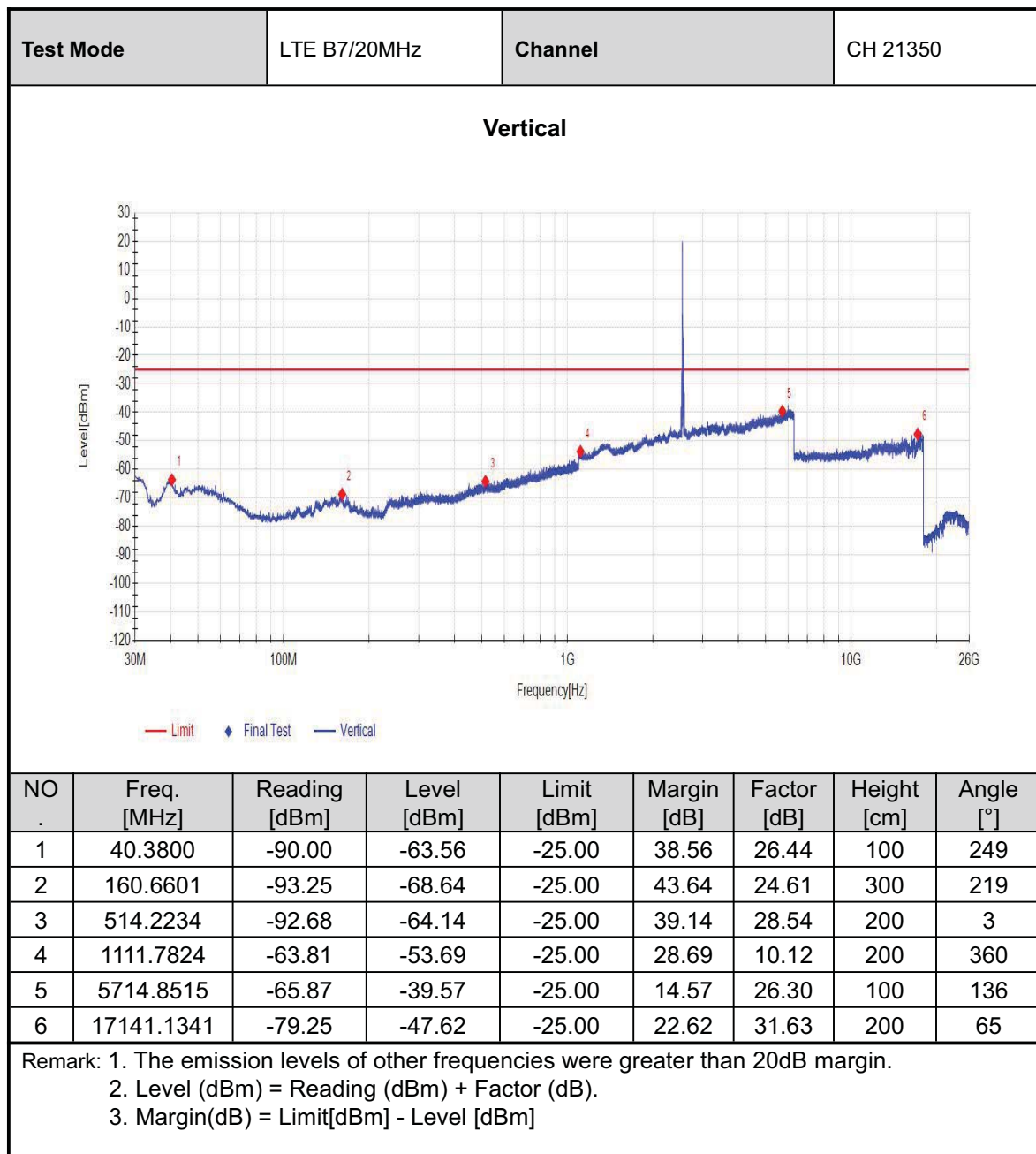


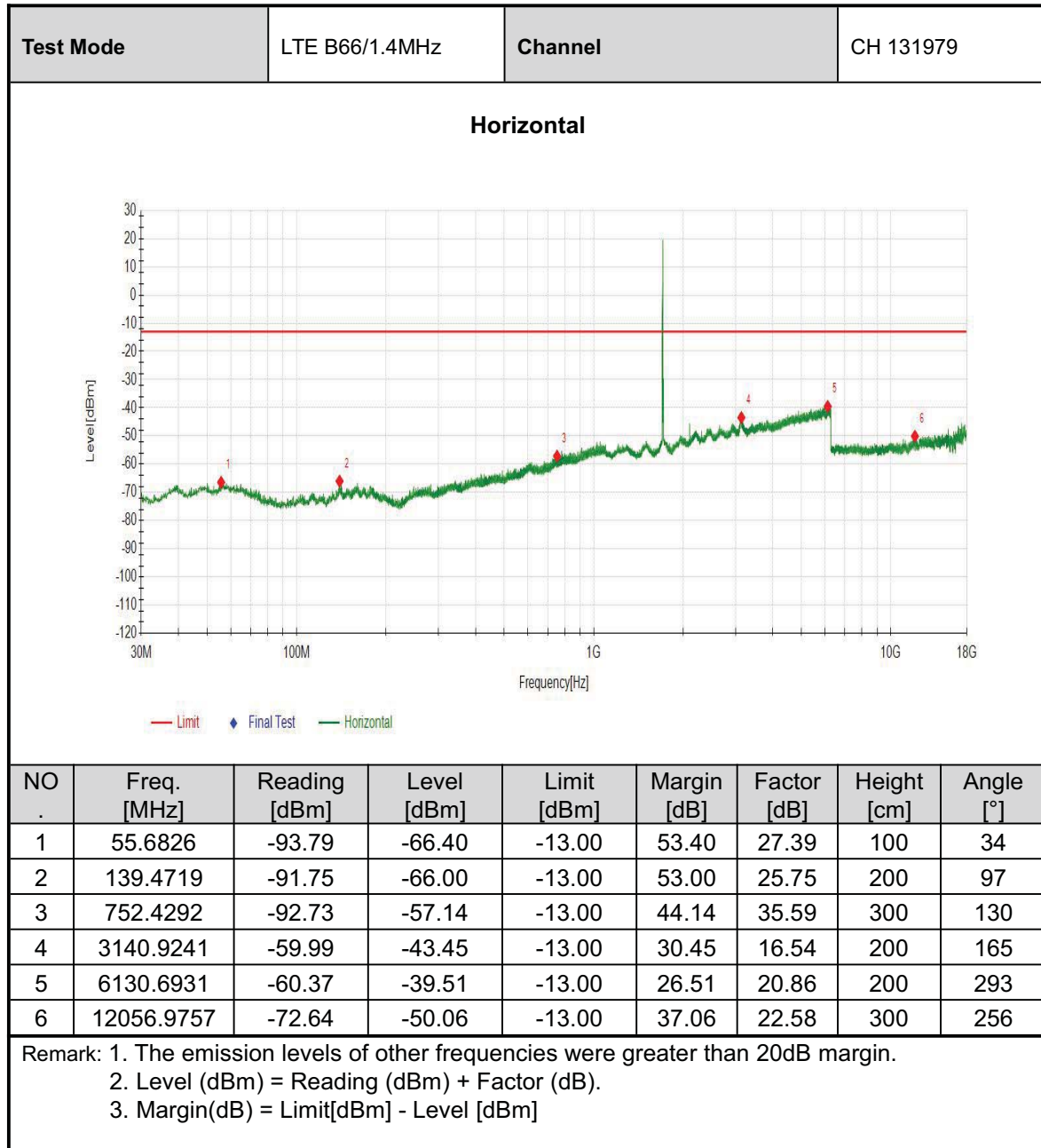


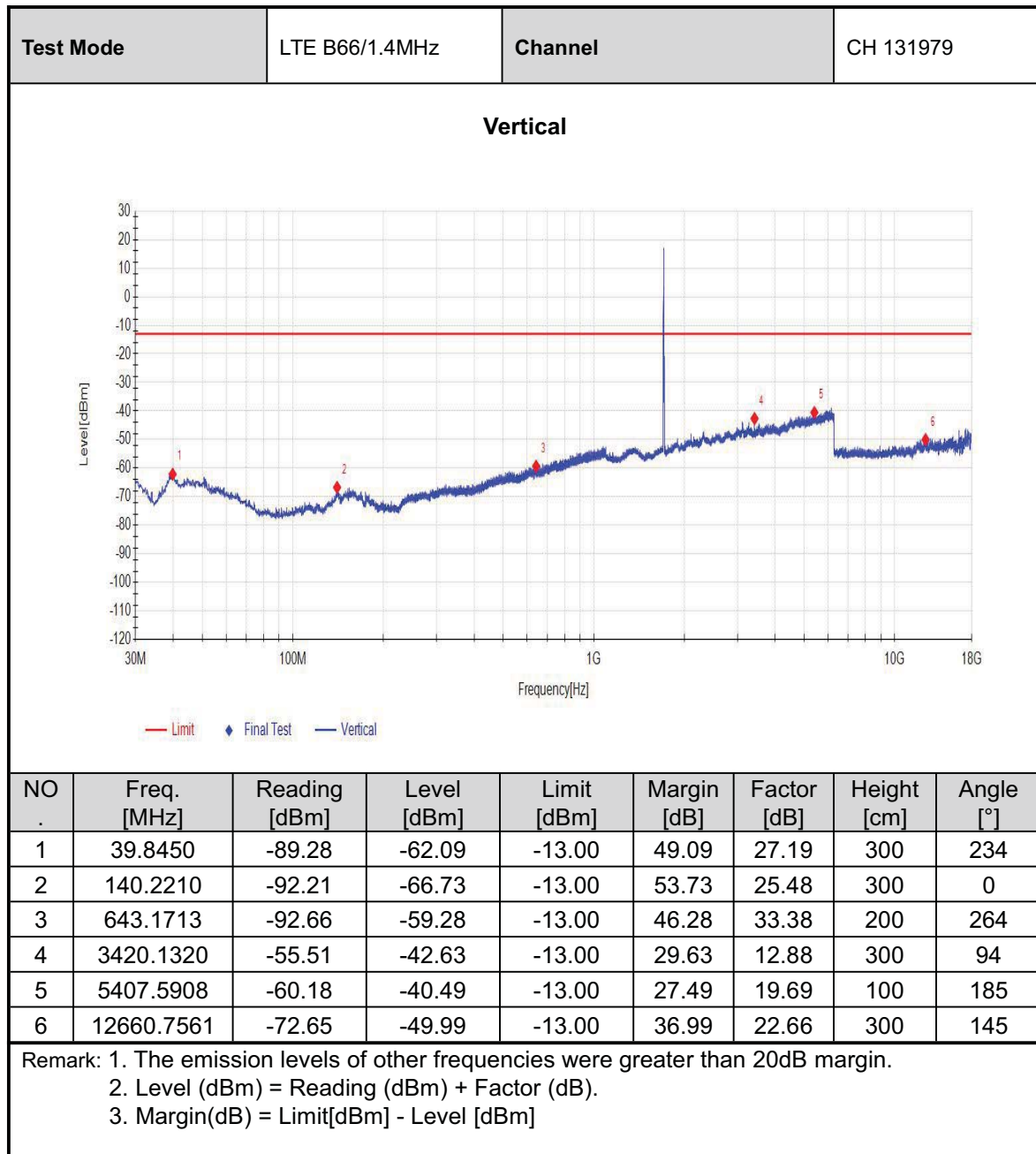


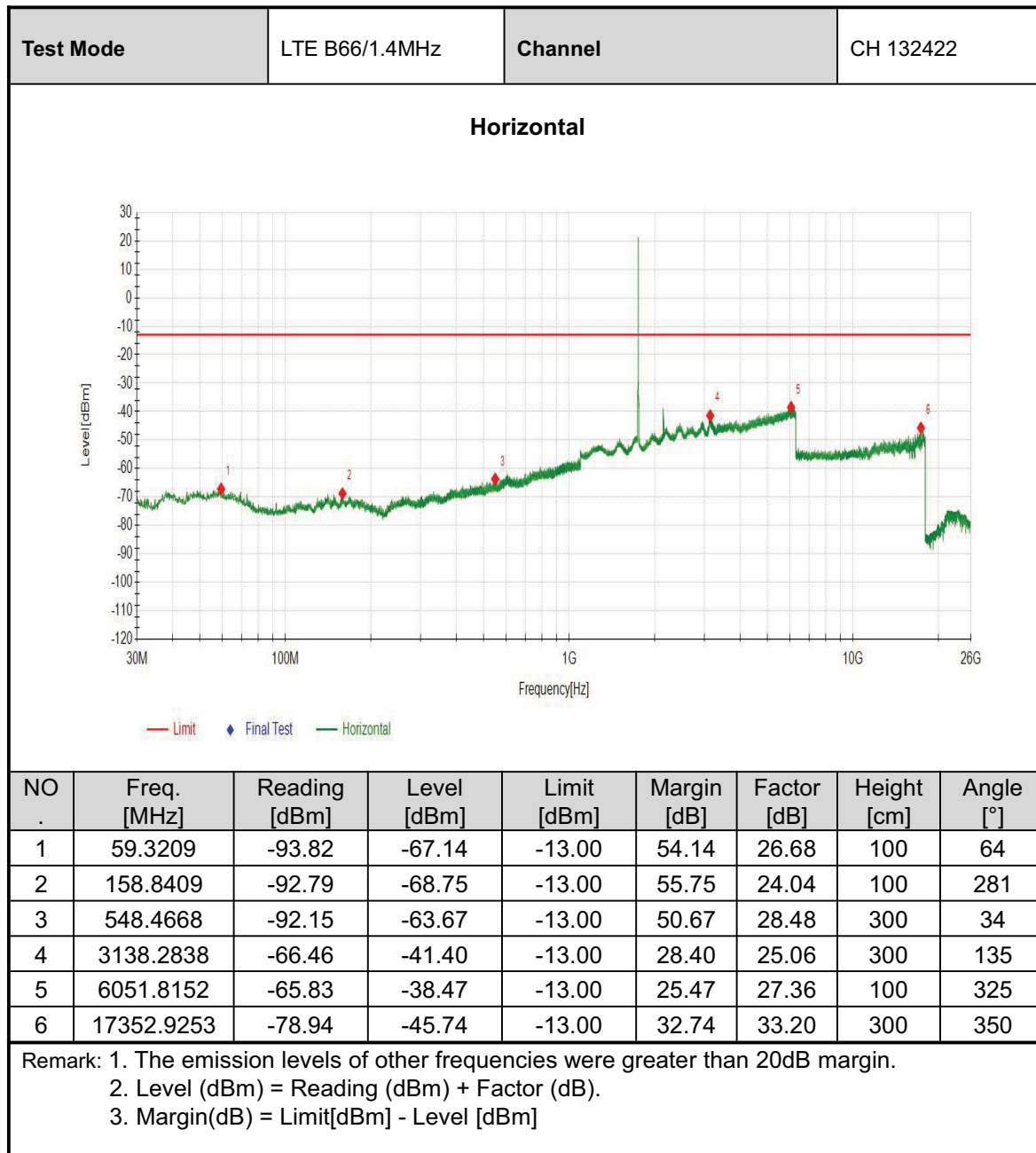


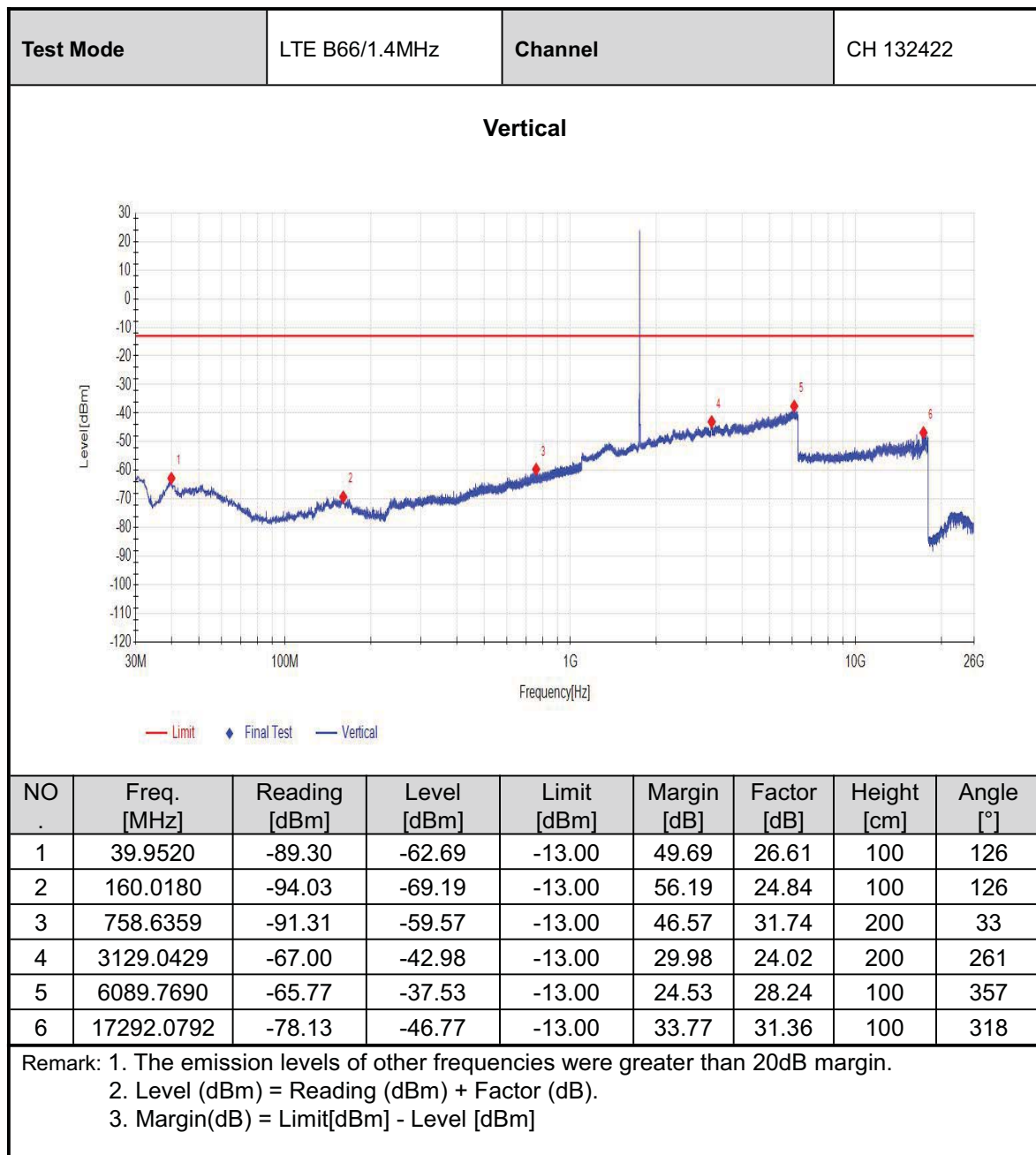


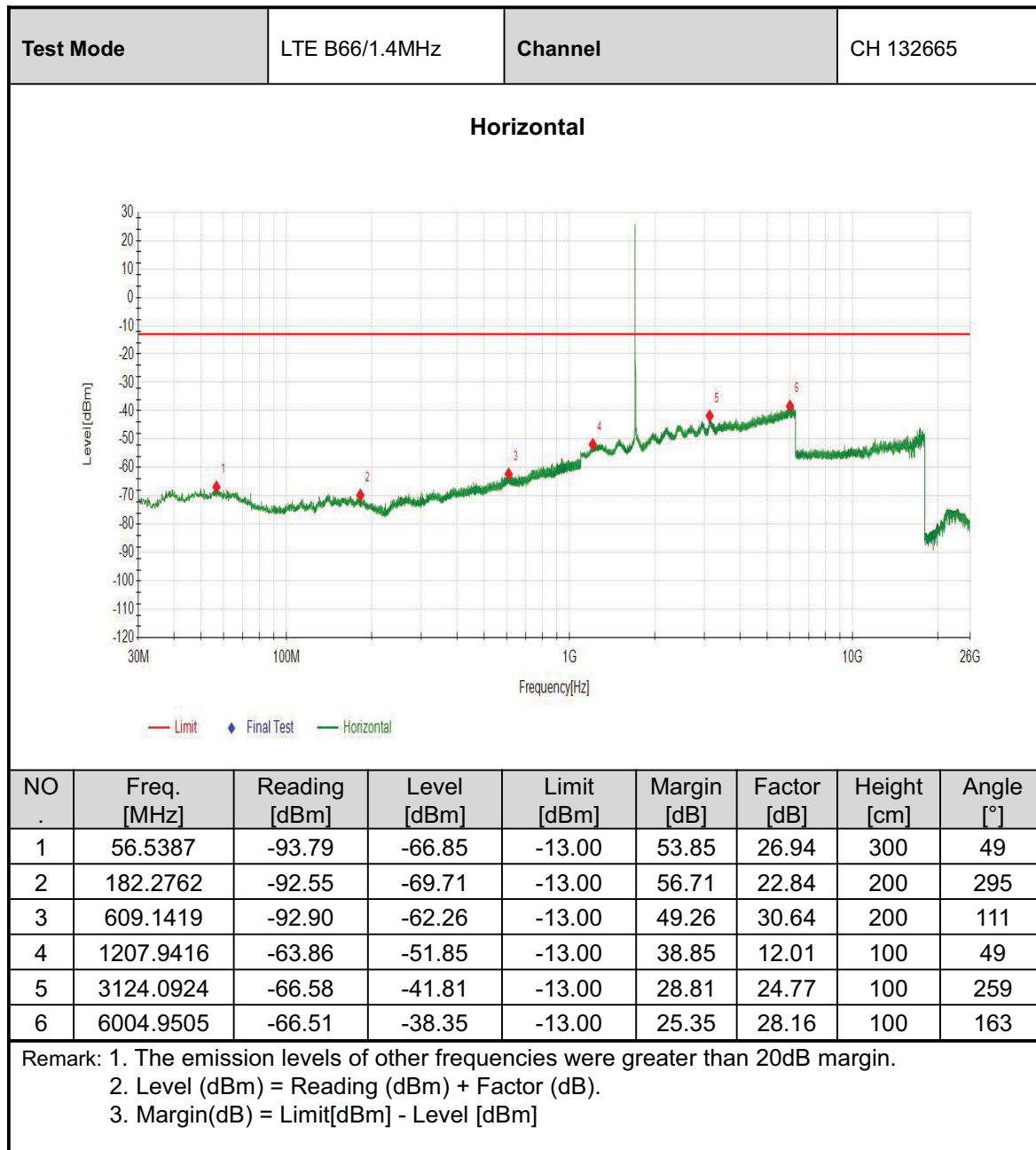


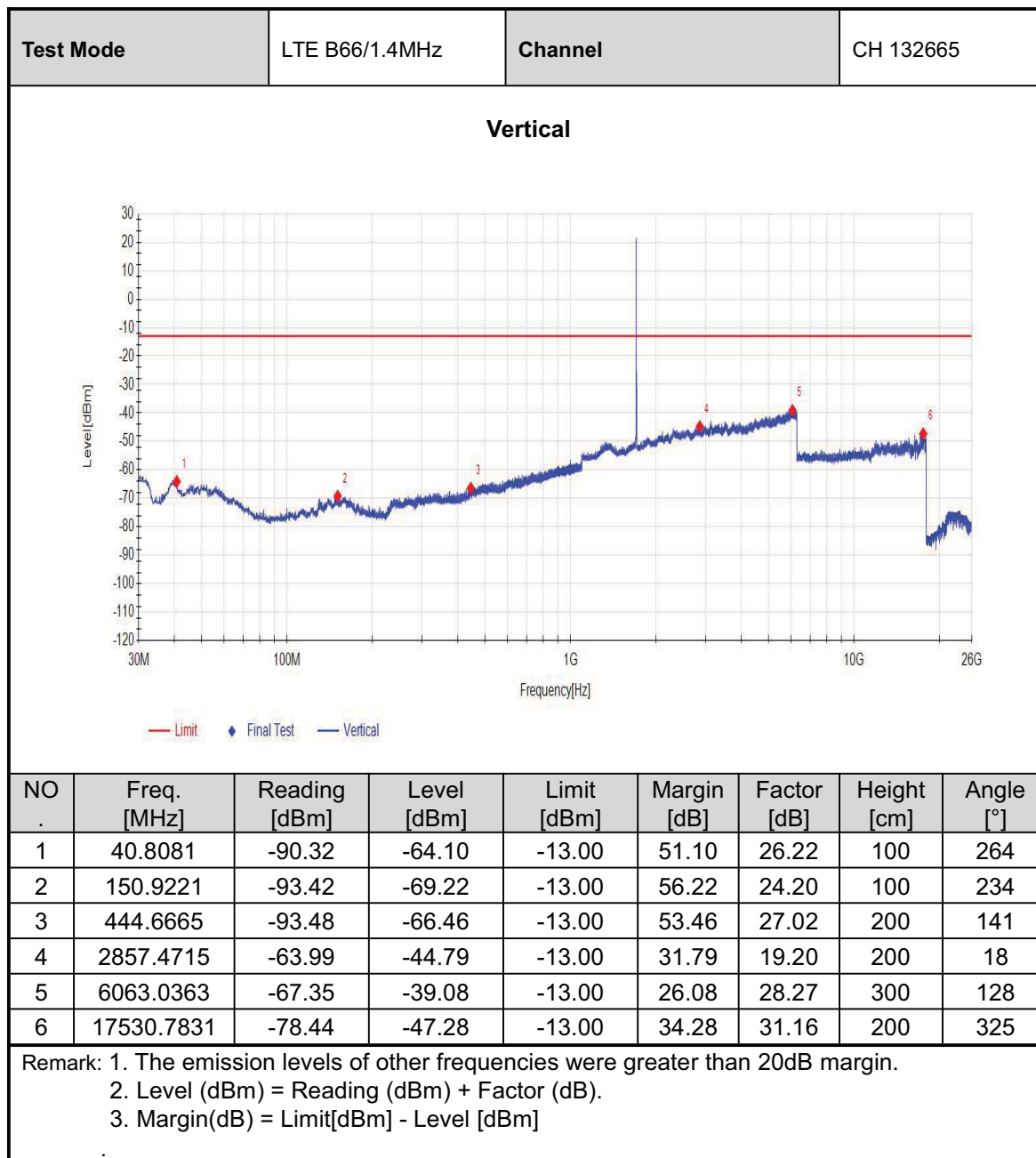


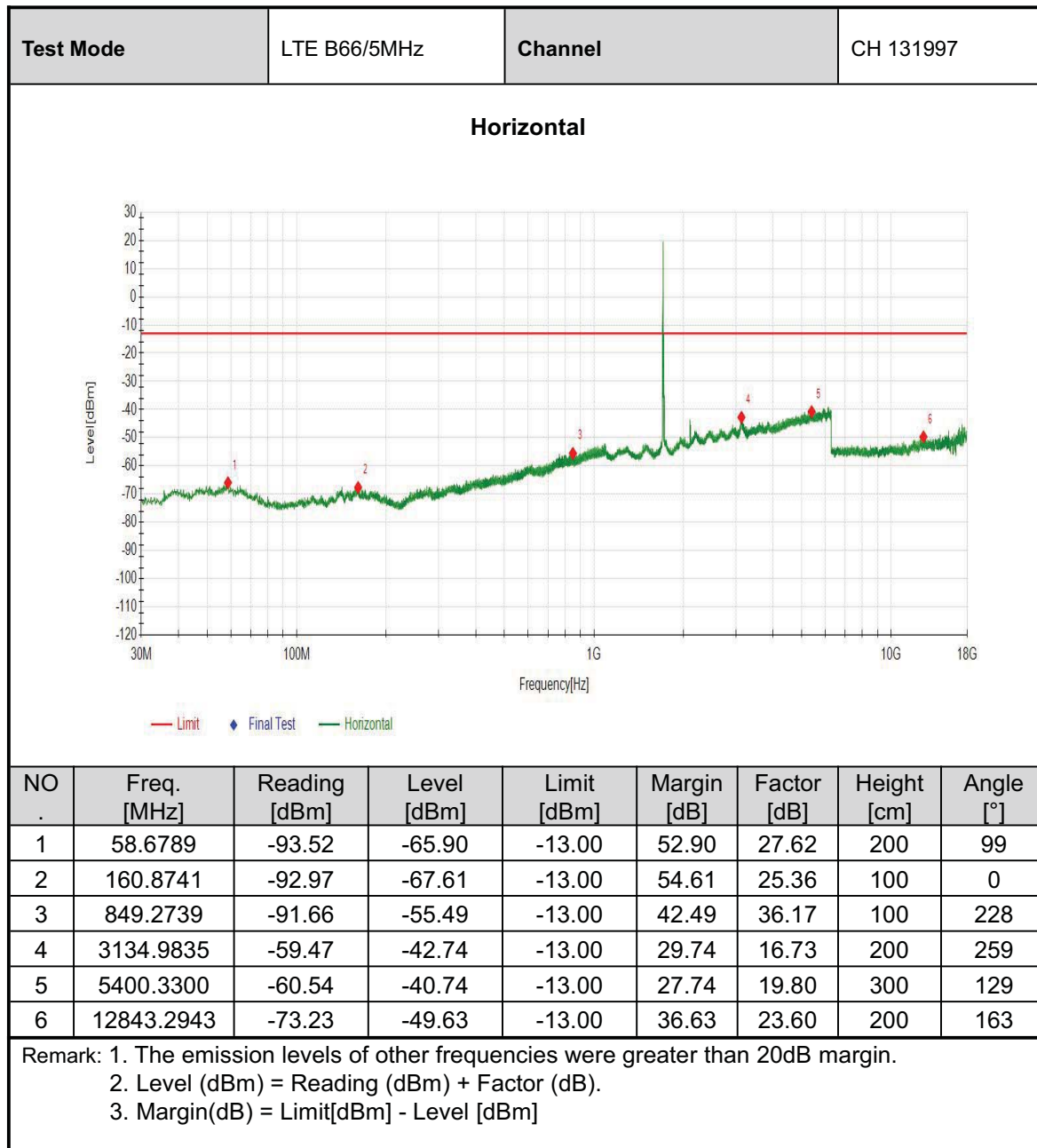








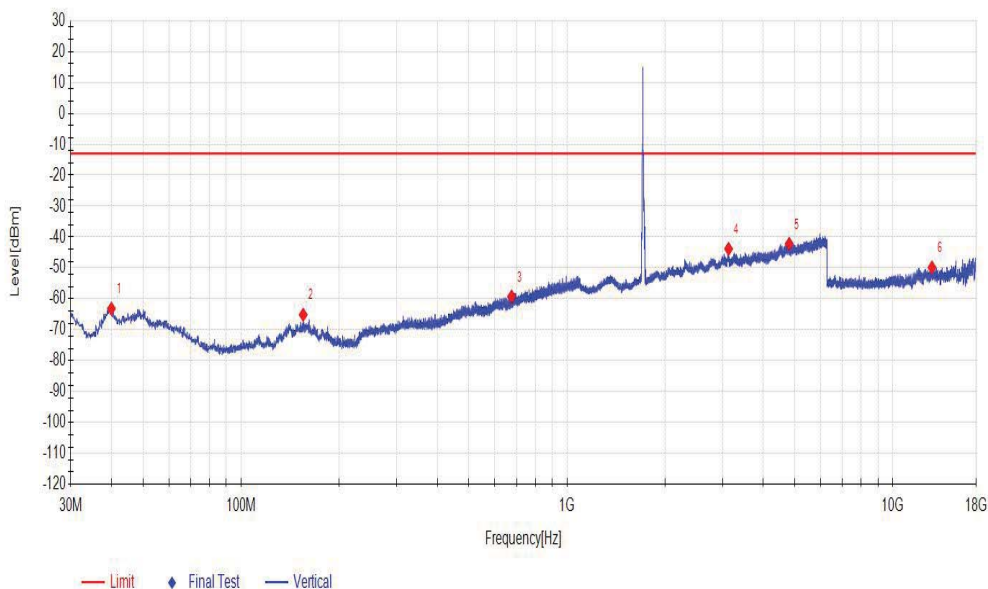






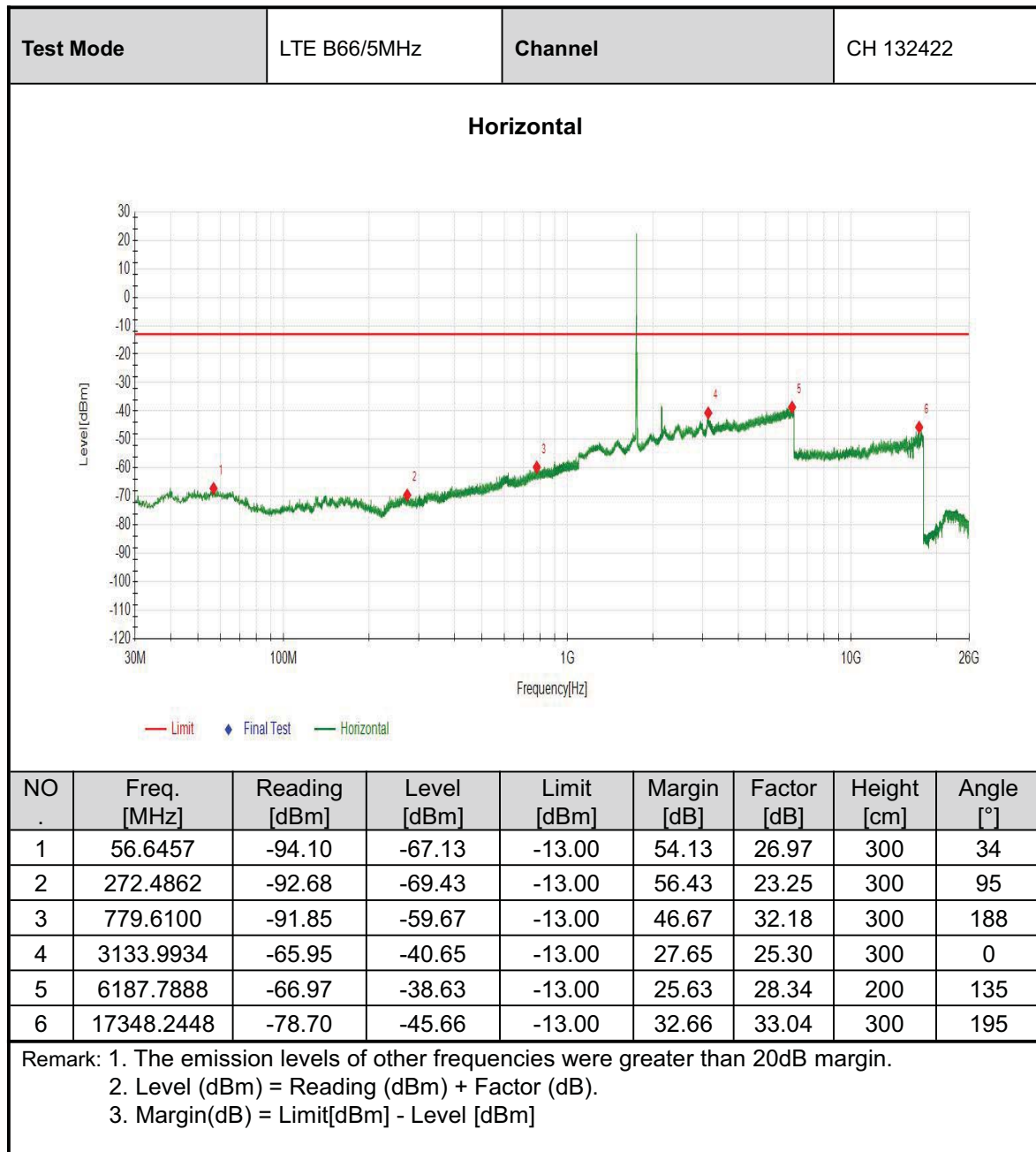
Test Mode	LTE B66/5MHz	Channel	CH 131997
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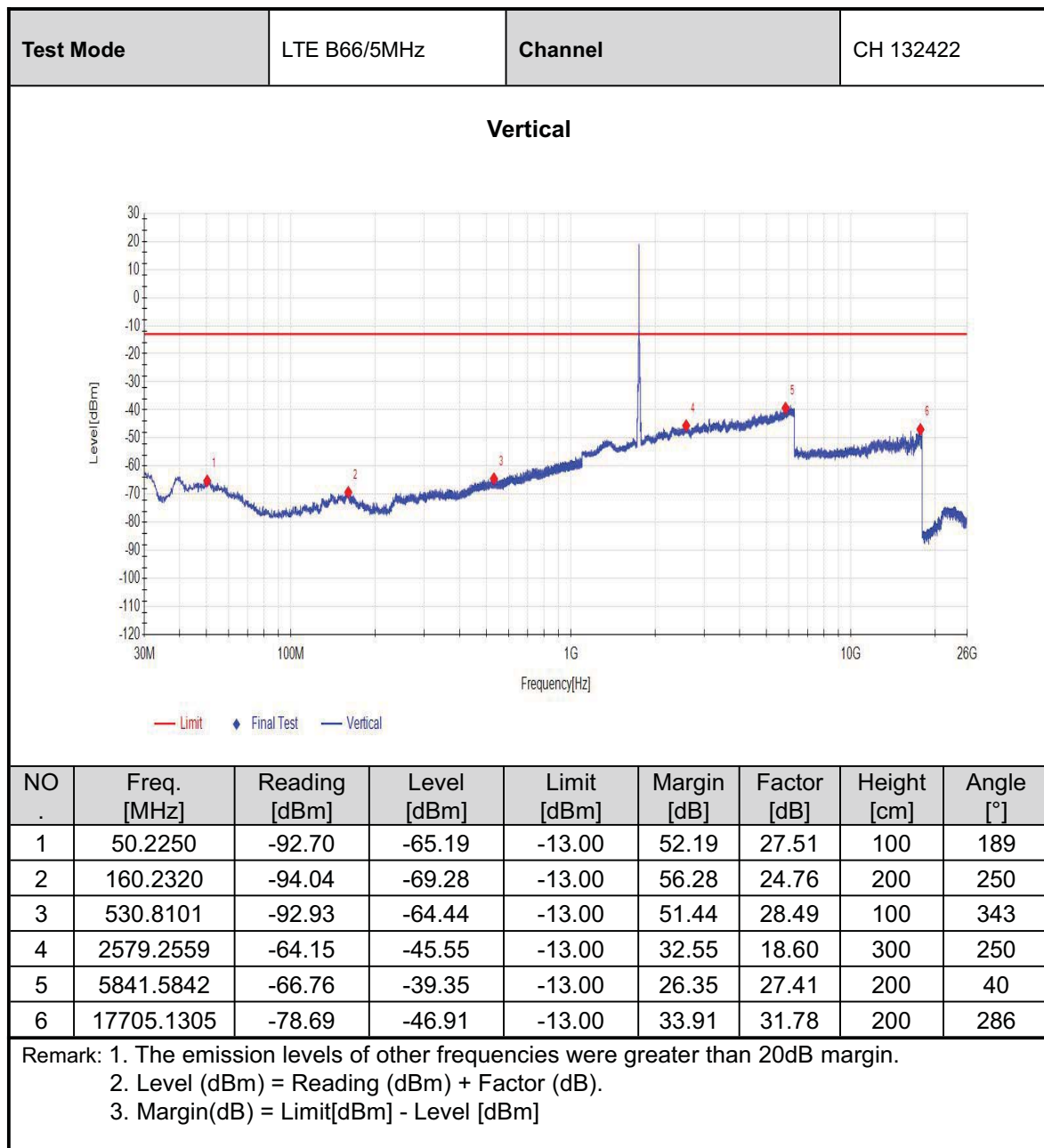
Vertical

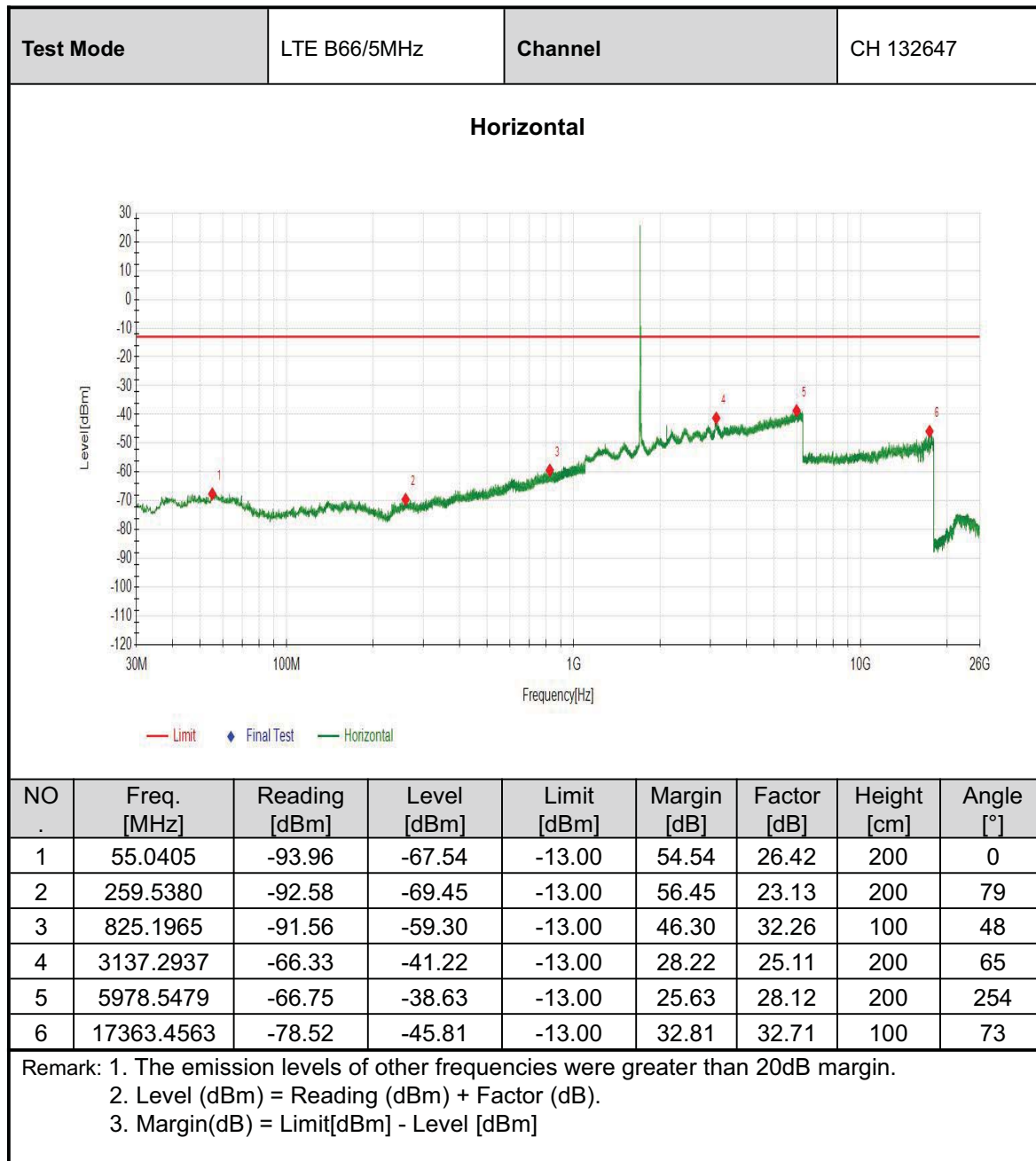


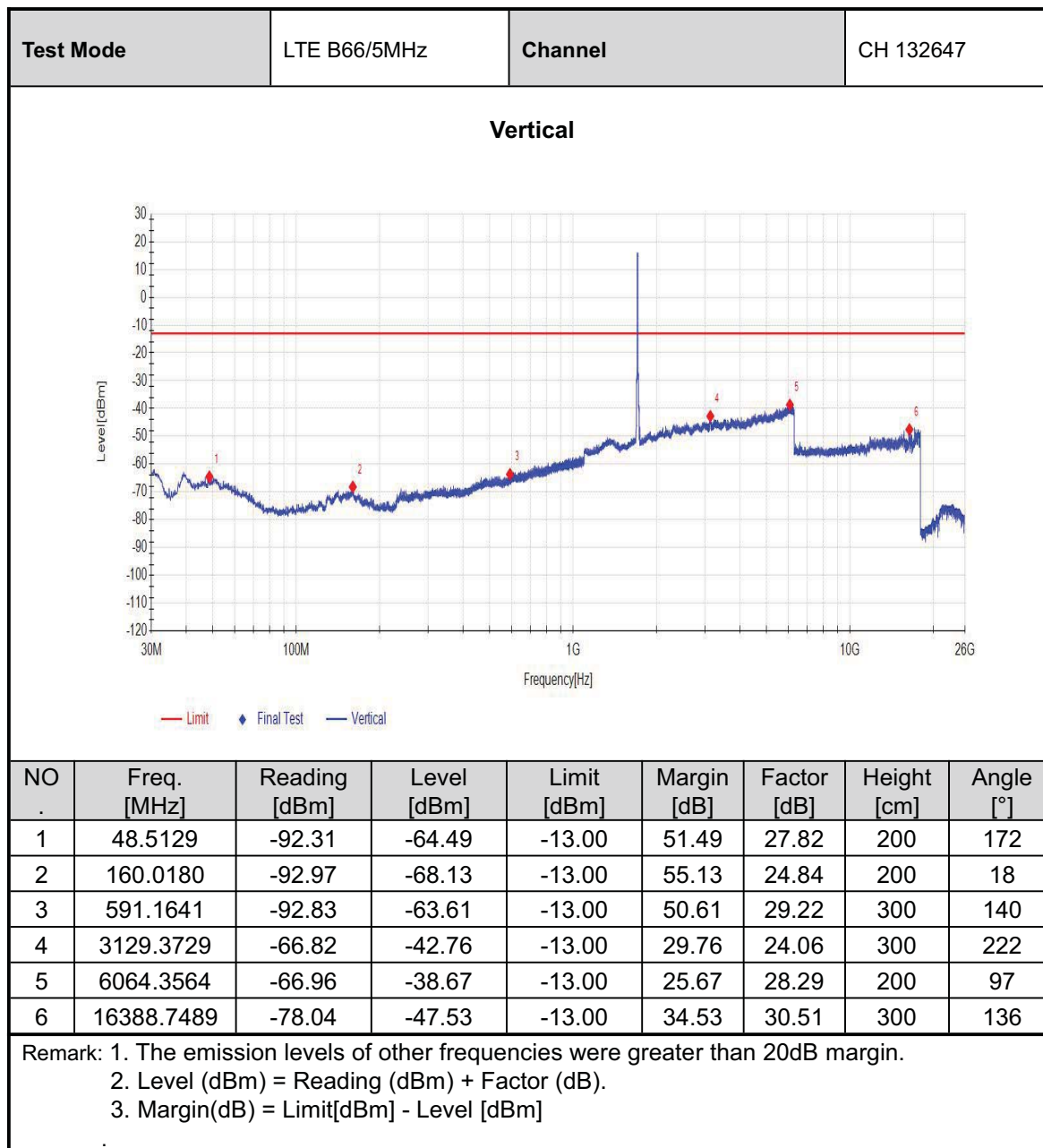
NO	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Height [cm]	Angle [°]
1	39.9520	-90.30	-63.14	-13.00	50.14	27.16	200	360
2	154.9885	-89.83	-65.11	-13.00	52.11	24.72	100	135
3	676.0236	-93.00	-59.22	-13.00	46.22	33.78	200	229
4	3131.6832	-59.19	-43.83	-13.00	30.83	15.36	200	326
5	4808.5809	-59.84	-42.21	-13.00	29.21	17.63	300	96
6	13187.3087	-74.11	-49.84	-13.00	36.84	24.27	300	290

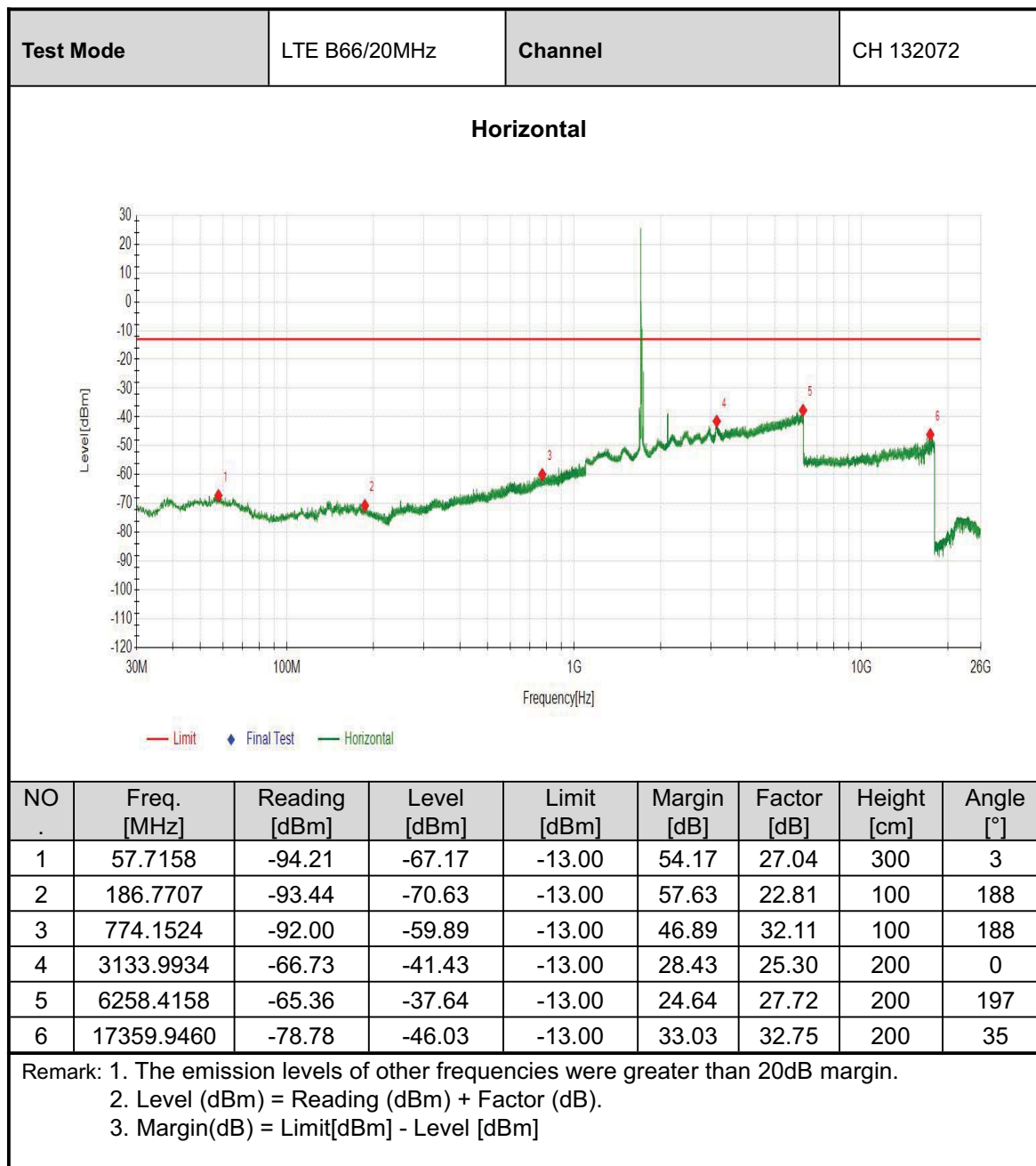
Remark: 1. The emission levels of other frequencies were greater than 20dB margin.
2. Level (dBm) = Reading (dBm) + Factor (dB).
3. Margin(dB) = Limit[dBm] - Level [dBm]

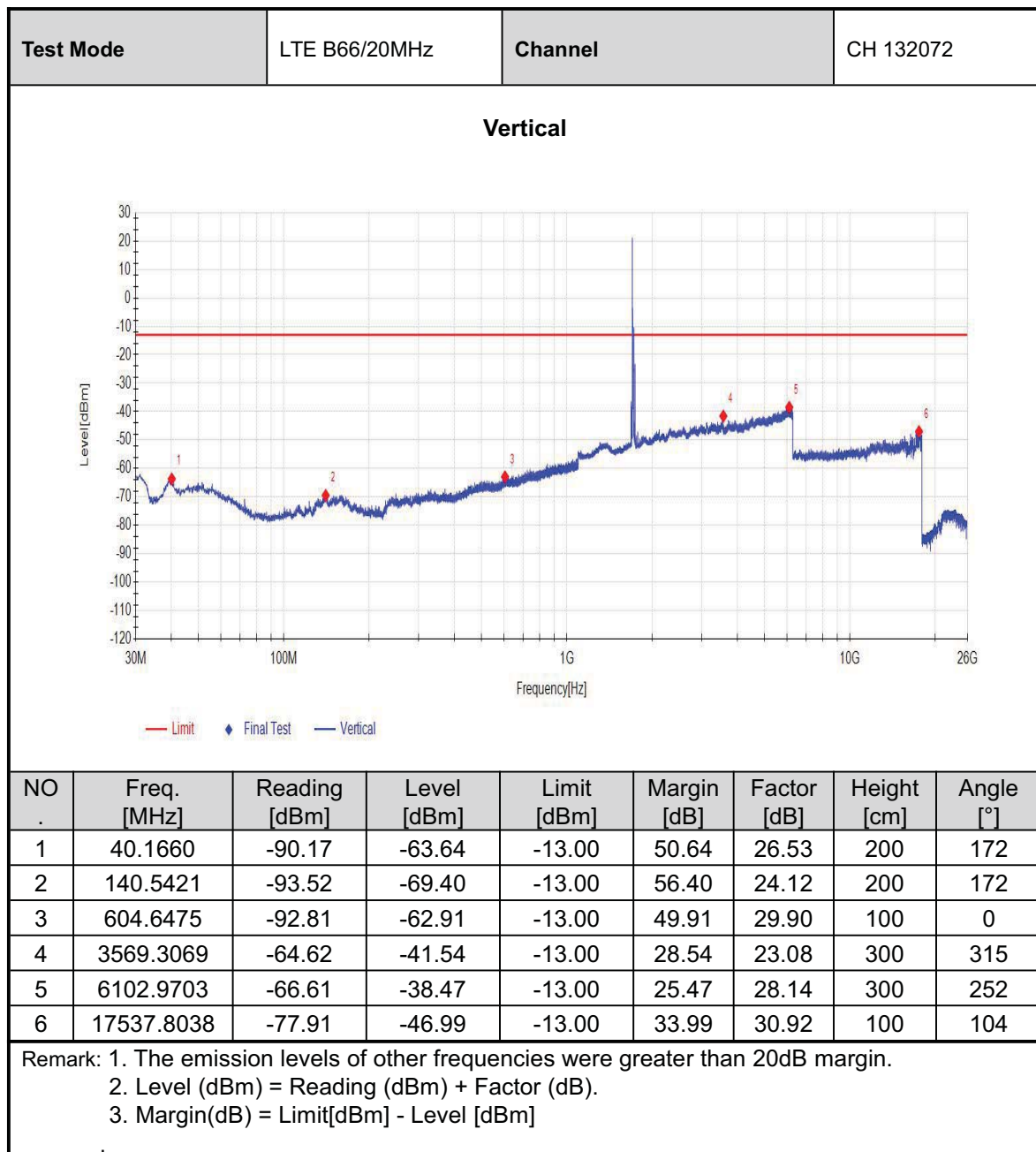


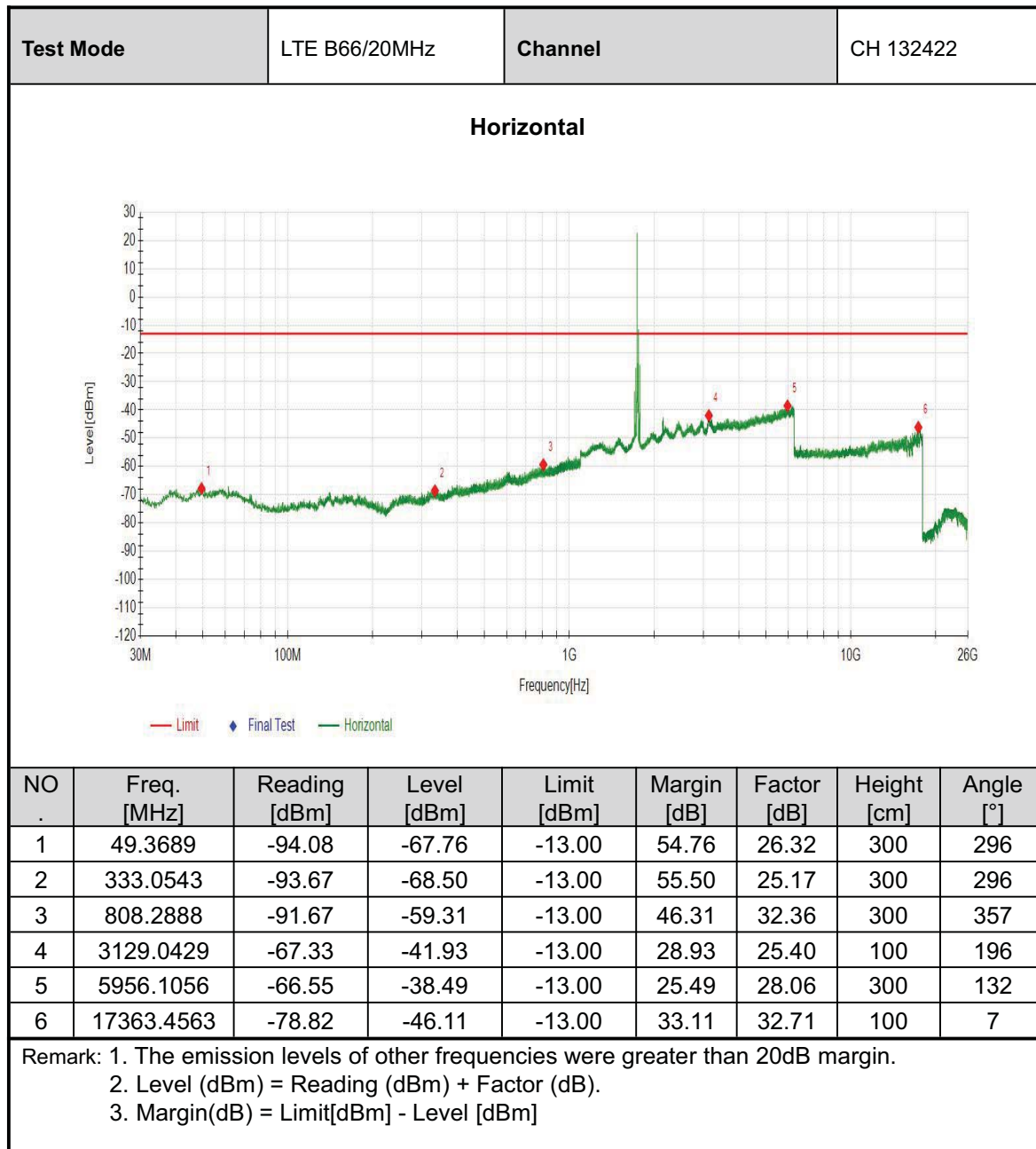


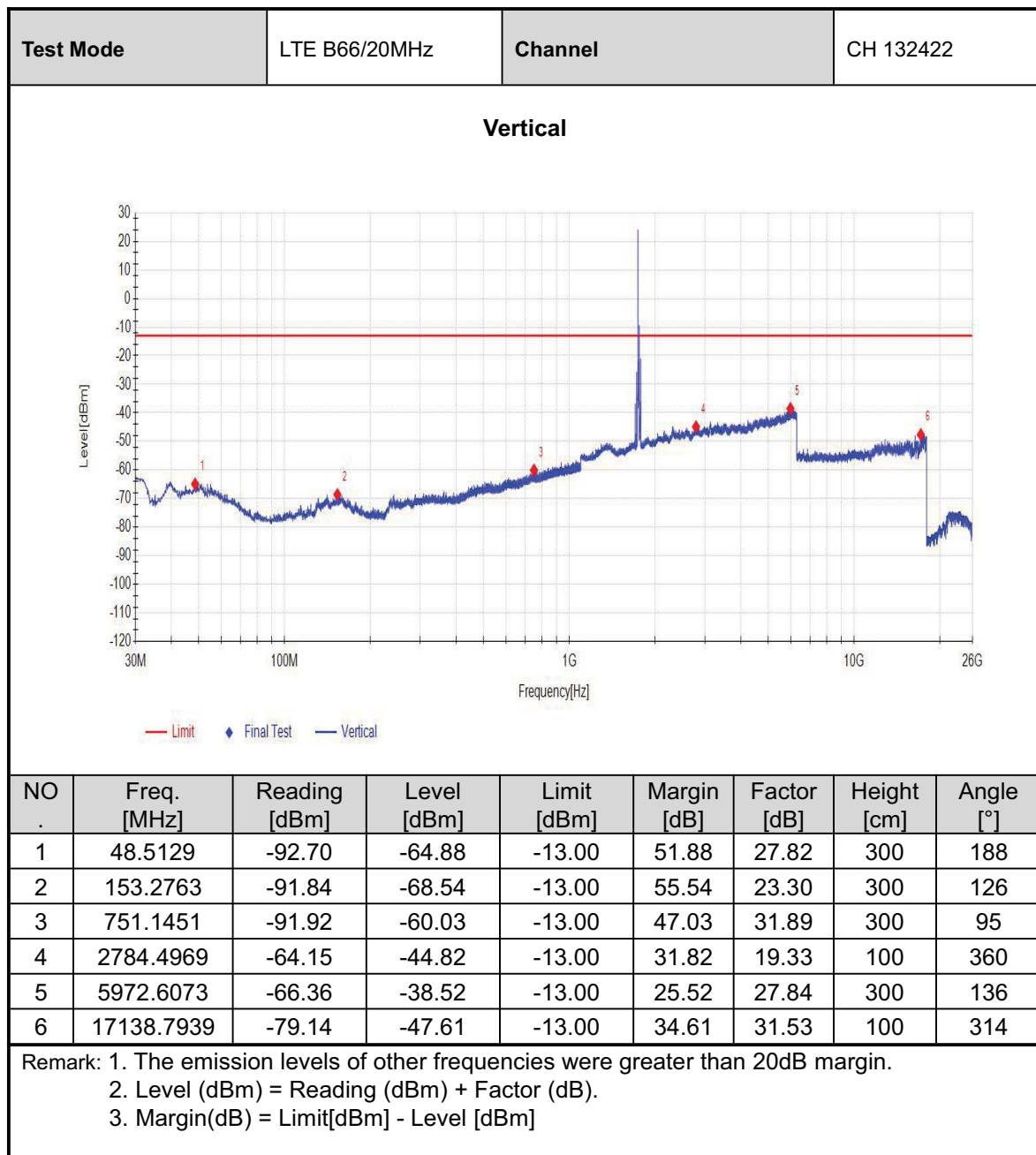


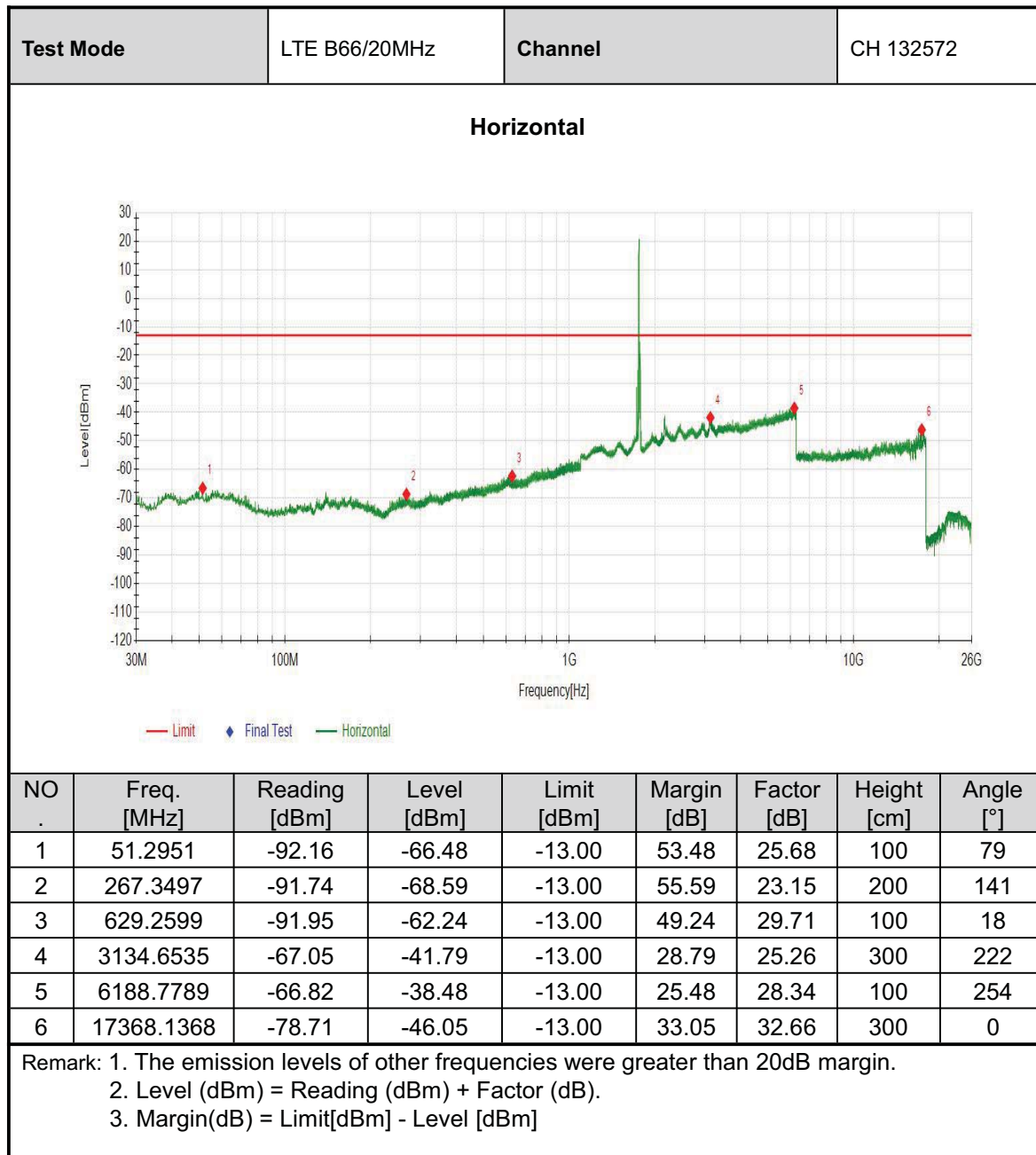


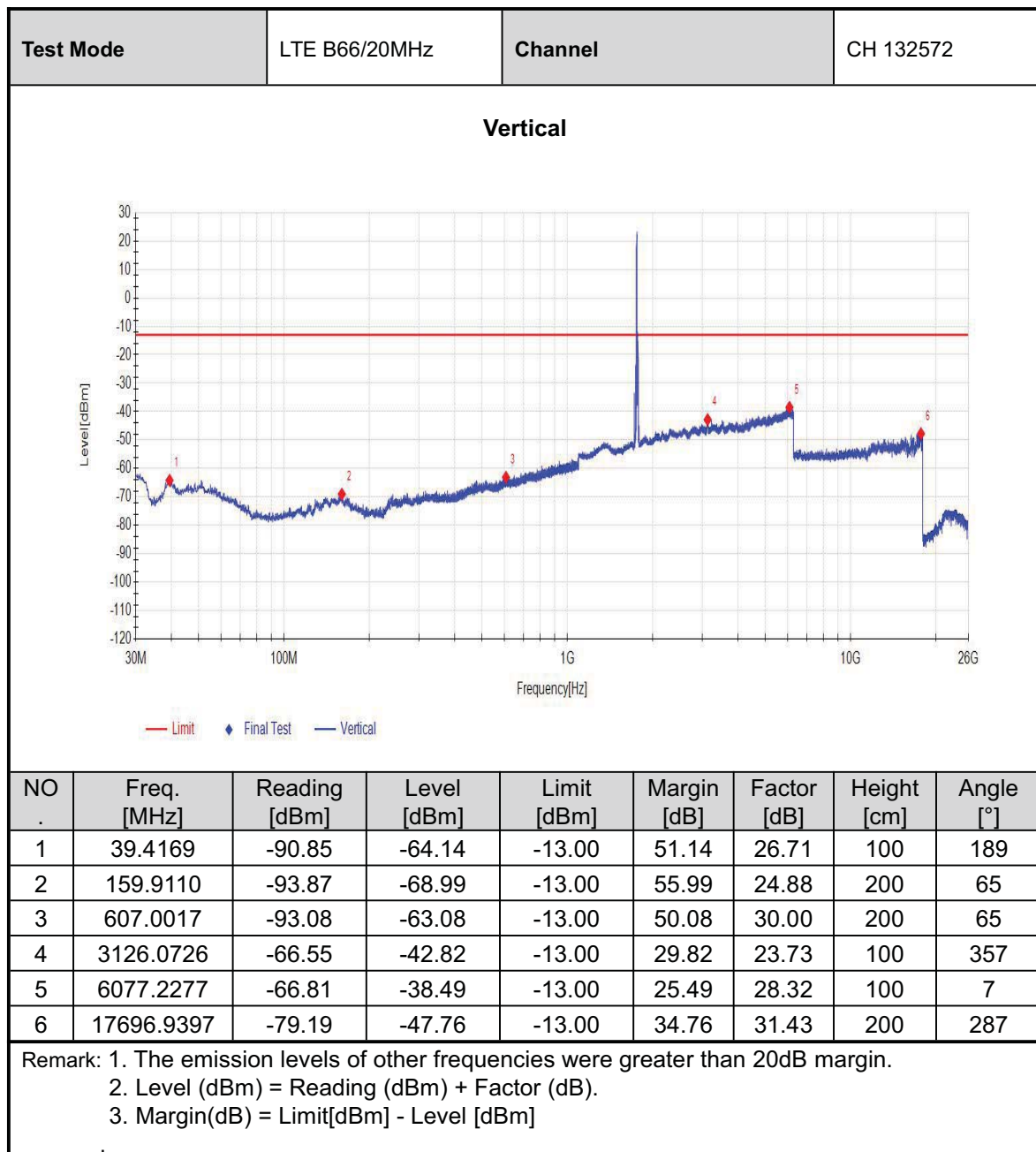










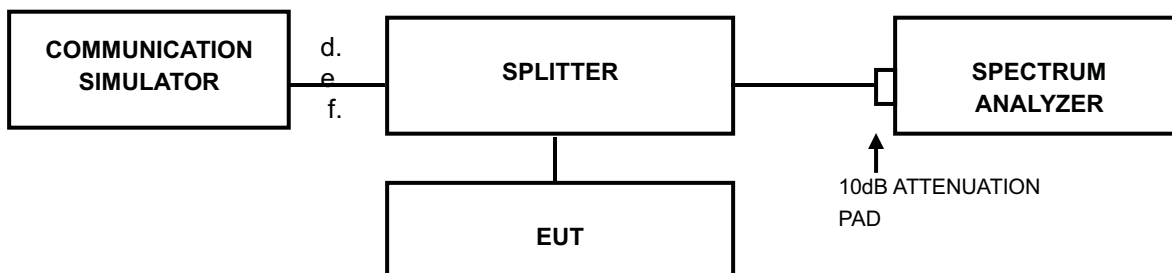


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please refer Annex A



4 PHOTOGRAPHS OF TEST SETUP

Please refer to the attached file (Test Setup Photo).

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5 Appendix A

5.1 OUT POWER MEASUREMENT

5.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dB)	ERP/EIRP Power (mW)	Limit (W)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.19	208.45	1	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.22	209.89	1	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.25	211.35	1	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.08	203.24	1	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.18	207.97	1	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.01	199.99	1	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.09	161.81	1	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.79	190.11	1	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.18	207.97	1	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.15	206.54	1	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.97	198.15	1	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.08	203.24	1	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.89	194.54	1	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.03	159.59	1	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.96	197.70	1	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.93	196.34	1	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.80	190.55	1	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.95	197.24	1	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.94	196.79	1	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.93	196.34	1	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.86	153.46	1	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.19	165.58	1	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.31	170.22	1	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.12	162.93	1	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.89	154.53	1	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.98	157.76	1	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.84	152.76	1	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.10	128.82	1	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.06	160.69	1	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.19	165.58	1	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.01	158.85	1	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.78	150.66	1	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.79	151.01	1	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.71	148.25	1	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.93	123.88	1	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.17	164.82	1	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.89	154.53	1	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.12	162.93	1	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.89	154.53	1	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.98	157.76	1	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.09	161.81	1	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.02	126.47	1	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.42	219.79	1	PASS



Band4	3MHz	QPSK	19965	1RB#8	22.31	214.29	1	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.40	218.78	1	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.50	177.83	1	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.47	176.60	1	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.49	177.42	1	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.47	176.60	1	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.29	213.30	1	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.20	208.93	1	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.25	211.35	1	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.49	177.42	1	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.42	174.58	1	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.27	168.66	1	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.38	172.98	1	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.41	219.28	1	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.50	223.87	1	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.60	229.09	1	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.23	167.11	1	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.32	170.61	1	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.26	168.27	1	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.30	169.82	1	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.40	173.78	1	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.62	182.81	1	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.29	169.43	1	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.48	140.60	1	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.66	146.55	1	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.47	140.28	1	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.34	136.14	1	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.35	171.79	1	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.31	170.22	1	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.22	166.72	1	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.28	134.28	1	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.50	141.25	1	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.42	138.68	1	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.38	137.40	1	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.08	161.44	1	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.28	169.04	1	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.41	174.18	1	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.30	134.90	1	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.28	134.28	1	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.31	135.21	1	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.16	130.62	1	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.92	195.88	1	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.08	203.24	1	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.91	195.43	1	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.81	151.71	1	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.91	155.24	1	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.78	150.66	1	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.68	147.23	1	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.04	201.37	1	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.94	196.79	1	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.73	187.50	1	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.98	157.76	1	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.92	155.60	1	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.86	153.46	1	PASS



Band4	5MHz	QPSK	20175	25RB#0	20.84	152.76	1	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.91	195.43	1	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.05	201.84	1	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.05	201.84	1	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.91	155.24	1	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.90	154.88	1	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.97	157.40	1	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.93	155.96	1	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.92	155.60	1	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.81	151.71	1	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.71	148.25	1	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.81	120.50	1	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.81	120.50	1	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.76	119.12	1	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.78	119.67	1	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.09	161.81	1	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.02	159.22	1	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.56	143.22	1	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.87	122.18	1	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.00	125.89	1	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.99	125.60	1	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.92	123.59	1	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.78	150.66	1	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.25	167.88	1	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.95	156.68	1	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.92	123.59	1	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.91	123.31	1	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.89	122.74	1	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.06	127.64	1	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.90	194.98	1	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.04	201.37	1	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.78	189.67	1	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.94	156.31	1	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.92	155.60	1	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.97	157.40	1	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.91	155.24	1	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.91	195.43	1	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.00	199.53	1	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.75	188.36	1	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.03	159.59	1	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.98	157.76	1	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.80	151.36	1	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.86	153.46	1	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.07	202.77	1	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.43	220.29	1	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.29	213.30	1	PASS
Band4	10MHz	QPSK	20350	25RB#0	20.83	152.41	1	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.92	155.60	1	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.85	153.11	1	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.85	153.11	1	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.00	158.49	1	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.46	176.20	1	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.64	145.88	1	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.87	122.18	1	PASS



Band4	10MHz	16QAM	20000	25RB#12	19.87	122.18	1	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.82	120.78	1	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.86	121.90	1	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.78	150.66	1	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.18	165.20	1	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.67	146.89	1	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.09	128.53	1	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.12	129.42	1	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.93	123.88	1	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.87	122.18	1	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.14	163.68	1	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.89	194.54	1	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.07	161.06	1	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.85	121.62	1	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.06	127.64	1	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.89	122.74	1	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.95	124.45	1	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.75	188.36	1	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.75	188.36	1	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.90	194.98	1	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.96	157.04	1	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.84	152.76	1	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.83	152.41	1	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.83	152.41	1	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.75	188.36	1	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.65	184.08	1	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.59	181.55	1	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.97	157.40	1	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.00	158.49	1	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.01	158.85	1	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.02	159.22	1	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.23	210.38	1	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.10	204.17	1	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.16	207.01	1	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.89	154.53	1	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.85	153.11	1	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.84	152.76	1	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.82	152.05	1	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.04	159.96	1	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.37	172.58	1	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.86	153.46	1	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.84	152.76	1	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.83	152.41	1	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.83	152.41	1	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.86	121.90	1	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.98	157.76	1	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.82	152.05	1	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.77	150.31	1	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.99	158.12	1	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.01	158.85	1	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.01	158.85	1	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.02	126.47	1	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.32	170.61	1	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.44	175.39	1	PASS



Band4	15MHz	16QAM	20325	1RB#74	20.59	144.21	1	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.86	153.46	1	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.84	152.76	1	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.83	152.41	1	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.94	124.17	1	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.41	219.28	1	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.57	227.51	1	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.37	217.27	1	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.21	166.34	1	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.23	167.11	1	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.34	171.40	1	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.34	171.40	1	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.10	204.17	1	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.19	208.45	1	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.15	206.54	1	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.37	172.58	1	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.33	171.00	1	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.11	162.55	1	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.22	166.72	1	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.21	209.41	1	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.51	224.39	1	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.25	211.35	1	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.19	165.58	1	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.07	161.06	1	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.13	163.31	1	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.01	158.85	1	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.52	178.65	1	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.02	200.45	1	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.28	169.04	1	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.30	134.90	1	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.25	133.35	1	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.32	135.52	1	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.26	133.66	1	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.70	186.21	1	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.20	208.93	1	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.79	190.11	1	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.33	135.83	1	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.34	136.14	1	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.16	130.62	1	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.19	131.52	1	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.30	169.82	1	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.27	168.66	1	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.94	156.31	1	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.36	136.77	1	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.22	132.43	1	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.16	130.62	1	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.12	129.42	1	PASS
Band7	5MHz	QPSK	20775	1RB#0	22.12	258.23	2	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.44	277.97	2	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.53	225.42	2	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.41	174.18	2	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.37	172.58	2	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.24	167.49	2	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.18	165.20	2	PASS



Band7	5MHz	QPSK	21100	1RB#0	21.29	213.30	2	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.53	225.42	2	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.23	210.38	2	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.59	181.55	2	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.86	193.20	2	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.98	198.61	2	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.74	187.93	2	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.76	237.68	2	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.76	237.68	2	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.62	230.14	2	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.78	189.67	2	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.69	185.78	2	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.63	183.23	2	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.69	185.78	2	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.15	206.54	2	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.24	210.86	2	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.50	177.83	2	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.41	138.36	2	PASS
Band7	5MHz	16QAM	20775	12RB#6	19.14	130.02	2	PASS
Band7	5MHz	16QAM	20775	12RB#13	19.35	136.46	2	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.23	132.74	2	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.23	167.11	2	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.34	171.40	2	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.26	168.27	2	PASS
Band7	5MHz	16QAM	21100	12RB#0	19.41	138.36	2	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.89	154.53	2	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.79	151.01	2	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.78	150.66	2	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.84	192.31	2	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.06	202.30	2	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.49	177.42	2	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.00	158.49	2	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.89	154.53	2	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.91	155.24	2	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.89	154.53	2	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.04	201.37	2	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.28	212.81	2	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.30	213.80	2	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.24	167.49	2	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.23	167.11	2	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.34	171.40	2	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.37	172.58	2	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.22	209.89	2	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.45	221.31	2	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.27	212.32	2	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.36	172.19	2	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.45	175.79	2	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.42	174.58	2	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.41	174.18	2	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.37	217.27	2	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.60	229.09	2	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.96	197.70	2	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.35	171.79	2	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.38	172.98	2	PASS



Band7	10MHz	QPSK	21400	25RB#25	20.39	173.38	2	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.36	172.19	2	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.22	166.72	2	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.72	187.07	2	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.19	165.58	2	PASS
Band7	10MHz	16QAM	20800	25RB#0	19.35	136.46	2	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.21	132.13	2	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.32	135.52	2	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.35	136.46	2	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.39	173.38	2	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.83	191.87	2	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.26	168.27	2	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.47	140.28	2	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.47	140.28	2	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.51	141.58	2	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.51	141.58	2	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.53	179.06	2	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.71	186.64	2	PASS
Band7	10MHz	16QAM	21400	1RB#49	19.89	154.53	2	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.64	145.88	2	PASS
Band7	10MHz	16QAM	21400	25RB#12	19.64	145.88	2	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.64	145.88	2	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.43	139.00	2	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.26	211.84	2	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.10	204.17	2	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.20	208.93	2	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.29	169.43	2	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.28	169.04	2	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.28	169.04	2	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.28	169.04	2	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.36	216.77	2	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.27	212.32	2	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.28	212.81	2	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.28	169.04	2	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.37	172.58	2	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.37	172.58	2	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.36	172.19	2	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.30	213.80	2	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.37	217.27	2	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.00	199.53	2	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.11	162.55	2	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.38	172.98	2	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.10	162.18	2	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.09	161.81	2	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.21	166.34	2	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.85	192.75	2	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.32	170.61	2	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.28	169.04	2	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.28	169.04	2	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.28	169.04	2	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.25	133.35	2	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.34	171.40	2	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.34	171.40	2	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.27	168.66	2	PASS



Band7	15MHz	16QAM	21100	38RB#0	20.37	172.58	2	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.37	172.58	2	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.36	172.19	2	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.36	136.77	2	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.15	164.06	2	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.12	162.93	2	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.20	165.96	2	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.39	173.38	2	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.38	172.98	2	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.38	172.98	2	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.24	133.05	2	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.16	207.01	2	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.48	222.84	2	PASS
Band7	20MHz	QPSK	20850	1RB#99	20.85	192.75	2	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.41	174.18	2	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.30	169.82	2	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.25	167.88	2	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.33	171.00	2	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.23	210.38	2	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.79	239.33	2	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.29	213.30	2	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.19	165.58	2	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.30	169.82	2	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.42	174.58	2	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.27	168.66	2	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.40	218.78	2	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.73	236.05	2	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.90	194.98	2	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.43	174.98	2	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.43	174.98	2	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.35	171.79	2	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.37	172.58	2	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.37	172.58	2	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.54	179.47	2	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.01	158.85	2	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.27	133.97	2	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.27	133.97	2	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.28	134.28	2	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.29	134.59	2	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.27	168.66	2	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.92	195.88	2	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.22	166.72	2	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.31	135.21	2	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.32	135.52	2	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.32	135.52	2	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.26	133.66	2	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.92	195.88	2	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.90	194.98	2	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.07	161.06	2	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.40	138.04	2	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.43	139.00	2	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.42	138.68	2	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.45	139.64	2	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	22.19	208.45	1	PASS



Band66	1.4MHz	QPSK	131979	1RB#2	22.10	204.17	1	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	21.98	198.61	1	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.00	199.53	1	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	21.97	198.15	1	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	21.87	193.64	1	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.93	196.34	1	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	21.34	171.40	1	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	21.25	167.88	1	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.17	164.82	1	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	21.12	162.93	1	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	21.11	162.55	1	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	21.06	160.69	1	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.08	161.44	1	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.38	217.77	1	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.39	218.27	1	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.29	213.30	1	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.33	215.28	1	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.32	214.78	1	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.29	213.30	1	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.28	212.81	1	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.12	162.93	1	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.06	160.69	1	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	20.91	155.24	1	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	20.78	150.66	1	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	20.76	149.97	1	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	20.67	146.89	1	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.91	155.24	1	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	20.11	129.12	1	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	20.14	130.02	1	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	20.05	127.35	1	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	19.98	125.31	1	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	19.96	124.74	1	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	19.92	123.59	1	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.94	124.17	1	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.15	164.06	1	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.15	164.06	1	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.08	161.44	1	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	21.11	162.55	1	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.10	162.18	1	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.06	160.69	1	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.29	169.43	1	PASS
Band66	3MHz	QPSK	131987	1RB#0	21.52	178.65	1	PASS
Band66	3MHz	QPSK	131987	1RB#8	21.54	179.47	1	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.52	178.65	1	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.46	176.20	1	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.45	175.79	1	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.48	177.01	1	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.45	175.79	1	PASS
Band66	3MHz	QPSK	132322	1RB#0	20.87	153.82	1	PASS
Band66	3MHz	QPSK	132322	1RB#8	20.80	151.36	1	PASS
Band66	3MHz	QPSK	132322	1RB#14	20.74	149.28	1	PASS
Band66	3MHz	QPSK	132322	8RB#0	20.74	149.28	1	PASS
Band66	3MHz	QPSK	132322	8RB#4	20.73	148.94	1	PASS
Band66	3MHz	QPSK	132322	8RB#7	20.67	146.89	1	PASS



Band66	3MHz	QPSK	132322	15RB#0	20.69	147.57	1	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.20	208.93	1	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.08	203.24	1	PASS
Band66	3MHz	QPSK	132657	1RB#14	21.94	196.79	1	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.11	204.64	1	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.11	204.64	1	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.02	200.45	1	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.04	201.37	1	PASS
Band66	3MHz	16QAM	131987	1RB#0	20.50	141.25	1	PASS
Band66	3MHz	16QAM	131987	1RB#8	20.54	142.56	1	PASS
Band66	3MHz	16QAM	131987	1RB#14	20.49	140.93	1	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.46	139.96	1	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.46	139.96	1	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.48	140.60	1	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.45	139.64	1	PASS
Band66	3MHz	16QAM	132322	1RB#0	19.70	117.49	1	PASS
Band66	3MHz	16QAM	132322	1RB#8	19.67	116.68	1	PASS
Band66	3MHz	16QAM	132322	1RB#14	19.57	114.02	1	PASS
Band66	3MHz	16QAM	132322	8RB#0	19.73	118.30	1	PASS
Band66	3MHz	16QAM	132322	8RB#4	19.73	118.30	1	PASS
Band66	3MHz	16QAM	132322	8RB#7	19.67	116.68	1	PASS
Band66	3MHz	16QAM	132322	15RB#0	19.60	114.82	1	PASS
Band66	3MHz	16QAM	132657	1RB#0	20.92	155.60	1	PASS
Band66	3MHz	16QAM	132657	1RB#8	20.84	152.76	1	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.73	148.94	1	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.12	162.93	1	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.12	162.93	1	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.03	159.59	1	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.97	157.40	1	PASS
Band66	5MHz	QPSK	131997	1RB#0	21.60	181.97	1	PASS
Band66	5MHz	QPSK	131997	1RB#12	21.73	187.50	1	PASS
Band66	5MHz	QPSK	131997	1RB#24	21.86	193.20	1	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.48	177.01	1	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.47	176.60	1	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.65	184.08	1	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.53	179.06	1	PASS
Band66	5MHz	QPSK	132322	1RB#0	20.90	154.88	1	PASS
Band66	5MHz	QPSK	132322	1RB#12	20.80	151.36	1	PASS
Band66	5MHz	QPSK	132322	1RB#24	20.73	148.94	1	PASS
Band66	5MHz	QPSK	132322	12RB#0	20.74	149.28	1	PASS
Band66	5MHz	QPSK	132322	12RB#6	20.74	149.28	1	PASS
Band66	5MHz	QPSK	132322	12RB#13	20.67	146.89	1	PASS
Band66	5MHz	QPSK	132322	25RB#0	20.68	147.23	1	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.43	220.29	1	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.23	210.38	1	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.95	197.24	1	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.28	212.81	1	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.28	212.81	1	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.04	201.37	1	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.15	206.54	1	PASS
Band66	5MHz	16QAM	131997	1RB#0	20.47	140.28	1	PASS
Band66	5MHz	16QAM	131997	1RB#12	20.60	144.54	1	PASS
Band66	5MHz	16QAM	131997	1RB#24	20.74	149.28	1	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.45	139.64	1	PASS



Band66	5MHz	16QAM	131997	12RB#6	20.45	139.64	1	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.62	145.21	1	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.52	141.91	1	PASS
Band66	5MHz	16QAM	132322	1RB#0	19.93	123.88	1	PASS
Band66	5MHz	16QAM	132322	1RB#12	19.88	122.46	1	PASS
Band66	5MHz	16QAM	132322	1RB#24	19.79	119.95	1	PASS
Band66	5MHz	16QAM	132322	12RB#0	19.82	120.78	1	PASS
Band66	5MHz	16QAM	132322	12RB#6	19.82	120.78	1	PASS
Band66	5MHz	16QAM	132322	12RB#13	19.75	118.85	1	PASS
Band66	5MHz	16QAM	132322	25RB#0	19.66	116.41	1	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.33	171.00	1	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.16	164.44	1	PASS
Band66	5MHz	16QAM	132647	1RB#24	20.89	154.53	1	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.33	171.00	1	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.33	171.00	1	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.09	161.81	1	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.20	165.96	1	PASS
Band66	10MHz	QPSK	132022	1RB#0	20.67	146.89	1	PASS
Band66	10MHz	QPSK	132022	1RB#24	21.93	196.34	1	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.11	204.64	1	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.32	170.61	1	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.30	169.82	1	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.10	204.17	1	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.71	186.64	1	PASS
Band66	10MHz	QPSK	132322	1RB#0	20.39	137.72	1	PASS
Band66	10MHz	QPSK	132322	1RB#24	20.82	152.05	1	PASS
Band66	10MHz	QPSK	132322	1RB#49	20.11	129.12	1	PASS
Band66	10MHz	QPSK	132322	25RB#0	20.61	144.88	1	PASS
Band66	10MHz	QPSK	132322	25RB#12	20.60	144.54	1	PASS
Band66	10MHz	QPSK	132322	25RB#25	20.46	139.96	1	PASS
Band66	10MHz	QPSK	132322	50RB#0	20.50	141.25	1	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.50	223.87	1	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.50	223.87	1	PASS
Band66	10MHz	QPSK	132622	1RB#49	21.15	164.06	1	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.62	230.14	1	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.62	230.14	1	PASS
Band66	10MHz	QPSK	132622	25RB#25	21.89	194.54	1	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.25	211.35	1	PASS
Band66	10MHz	16QAM	132022	1RB#0	19.65	116.14	1	PASS
Band66	10MHz	16QAM	132022	1RB#24	20.92	155.60	1	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.10	162.18	1	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.25	133.35	1	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.24	133.05	1	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.03	159.59	1	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.65	146.22	1	PASS
Band66	10MHz	16QAM	132322	1RB#0	19.24	105.68	1	PASS
Band66	10MHz	16QAM	132322	1RB#24	19.69	117.22	1	PASS
Band66	10MHz	16QAM	132322	1RB#49	18.97	99.31	1	PASS
Band66	10MHz	16QAM	132322	25RB#0	19.62	115.35	1	PASS
Band66	10MHz	16QAM	132322	25RB#12	19.61	115.08	1	PASS
Band66	10MHz	16QAM	132322	25RB#25	19.48	111.69	1	PASS
Band66	10MHz	16QAM	132322	50RB#0	19.51	112.46	1	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.25	167.88	1	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.27	168.66	1	PASS



Band66	10MHz	16QAM	132622	1RB#49	19.89	122.74	1	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.66	184.50	1	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.67	184.93	1	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.92	155.60	1	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.28	169.04	1	PASS
Band66	15MHz	QPSK	132047	1RB#0	20.66	146.55	1	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.56	226.99	1	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.08	255.86	1	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.39	218.27	1	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.21	209.41	1	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.20	208.93	1	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.19	208.45	1	PASS
Band66	15MHz	QPSK	132322	1RB#0	20.66	146.55	1	PASS
Band66	15MHz	QPSK	132322	1RB#38	20.65	146.22	1	PASS
Band66	15MHz	QPSK	132322	1RB#74	20.30	134.90	1	PASS
Band66	15MHz	QPSK	132322	38RB#0	20.63	145.55	1	PASS
Band66	15MHz	QPSK	132322	38RB#18	20.58	143.88	1	PASS
Band66	15MHz	QPSK	132322	38RB#37	20.56	143.22	1	PASS
Band66	15MHz	QPSK	132322	75RB#0	20.55	142.89	1	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.98	250.03	1	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.91	246.04	1	PASS
Band66	15MHz	QPSK	132597	1RB#74	21.11	162.55	1	PASS
Band66	15MHz	QPSK	132597	38RB#0	22.63	230.67	1	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.61	229.61	1	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.60	229.09	1	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.60	229.09	1	PASS
Band66	15MHz	16QAM	132047	1RB#0	19.61	115.08	1	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.54	179.47	1	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.12	205.12	1	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.36	216.77	1	PASS
Band66	15MHz	16QAM	132047	38RB#18	22.21	209.41	1	PASS
Band66	15MHz	16QAM	132047	38RB#37	22.20	208.93	1	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.26	168.27	1	PASS
Band66	15MHz	16QAM	132322	1RB#0	19.78	119.67	1	PASS
Band66	15MHz	16QAM	132322	1RB#38	19.81	120.50	1	PASS
Band66	15MHz	16QAM	132322	1RB#74	19.47	111.43	1	PASS
Band66	15MHz	16QAM	132322	38RB#0	20.59	144.21	1	PASS
Band66	15MHz	16QAM	132322	38RB#18	20.57	143.55	1	PASS
Band66	15MHz	16QAM	132322	38RB#37	20.56	143.22	1	PASS
Band66	15MHz	16QAM	132322	75RB#0	19.58	114.29	1	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.73	187.50	1	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.66	184.50	1	PASS
Band66	15MHz	16QAM	132597	1RB#74	19.79	119.95	1	PASS
Band66	15MHz	16QAM	132597	38RB#0	22.61	229.61	1	PASS
Band66	15MHz	16QAM	132597	38RB#18	22.61	229.61	1	PASS
Band66	15MHz	16QAM	132597	38RB#37	22.60	229.09	1	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.63	183.23	1	PASS
Band66	20MHz	QPSK	132072	1RB#0	20.36	136.77	1	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.28	267.92	1	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.65	231.74	1	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.79	190.11	1	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.76	188.80	1	PASS
Band66	20MHz	QPSK	132072	50RB#50	23.40	275.42	1	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.50	223.87	1	PASS



Band66	20MHz	QPSK	132322	1RB#0	21.06	160.69	1	PASS
Band66	20MHz	QPSK	132322	1RB#49	20.77	150.31	1	PASS
Band66	20MHz	QPSK	132322	1RB#99	20.67	146.89	1	PASS
Band66	20MHz	QPSK	132322	50RB#0	20.79	151.01	1	PASS
Band66	20MHz	QPSK	132322	50RB#25	20.77	150.31	1	PASS
Band66	20MHz	QPSK	132322	50RB#50	20.59	144.21	1	PASS
Band66	20MHz	QPSK	132322	100RB#0	20.66	146.55	1	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.35	216.27	1	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.28	267.92	1	PASS
Band66	20MHz	QPSK	132572	1RB#99	20.76	149.97	1	PASS
Band66	20MHz	QPSK	132572	50RB#0	23.29	268.53	1	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.89	244.91	1	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.22	209.89	1	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.80	239.88	1	PASS
Band66	20MHz	16QAM	132072	1RB#0	19.22	105.20	1	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.14	206.06	1	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.57	180.72	1	PASS
Band66	20MHz	16QAM	132072	50RB#0	20.70	147.91	1	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.69	147.57	1	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.75	188.36	1	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.42	174.58	1	PASS
Band66	20MHz	16QAM	132322	1RB#0	20.14	130.02	1	PASS
Band66	20MHz	16QAM	132322	1RB#49	19.89	122.74	1	PASS
Band66	20MHz	16QAM	132322	1RB#99	19.78	119.67	1	PASS
Band66	20MHz	16QAM	132322	50RB#0	19.79	119.95	1	PASS
Band66	20MHz	16QAM	132322	50RB#25	19.78	119.67	1	PASS
Band66	20MHz	16QAM	132322	50RB#50	19.59	114.55	1	PASS
Band66	20MHz	16QAM	132322	100RB#0	19.64	115.88	1	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.16	164.44	1	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.16	207.01	1	PASS
Band66	20MHz	16QAM	132572	1RB#99	19.56	113.76	1	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.73	187.50	1	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.74	187.93	1	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.25	167.88	1	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.82	191.43	1	PASS



5.2 PEAK TO AVERAGE RATIO

5.2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.94	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.54	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.86	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.54	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.78	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.36	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.88	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.40	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.08	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.40	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.90	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.30	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.00	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.68	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.86	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.58	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.90	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.60	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.86	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.54	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.88	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.46	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.02	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.42	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.98	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.52	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.80	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.56	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.98	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.56	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.98	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.42	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.82	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.42	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.92	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.40	13	PASS



Band4	10MHz	QPSK	20000	1RB#0	4.98	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.60	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.72	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.50	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.98	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.48	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.88	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.38	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.70	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.36	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.04	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.46	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.96	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.62	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.84	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.56	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.98	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.58	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.84	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.36	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.70	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.36	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.10	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.40	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.88	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.22	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.78	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.40	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.92	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.44	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.24	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.72	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.30	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.00	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.44	13	PASS



Band7	5MHz	QPSK	20775	1RB#0	4.48	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.14	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.58	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.12	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.20	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.84	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.42	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.16	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.56	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.02	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.02	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.72	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.46	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.14	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.66	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.12	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.24	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.84	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.42	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.04	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.42	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.12	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.38	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.82	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	8.46	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	8.48	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	8.42	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	8.44	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	8.50	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	8.46	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	8.46	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	8.44	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	8.42	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	8.44	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	8.48	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	8.48	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.50	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.16	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.52	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.30	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.82	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.30	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.32	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.16	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.34	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.16	13	PASS
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Band7	20MHz	16QAM	21350	100RB#0	6.00	13	PASS



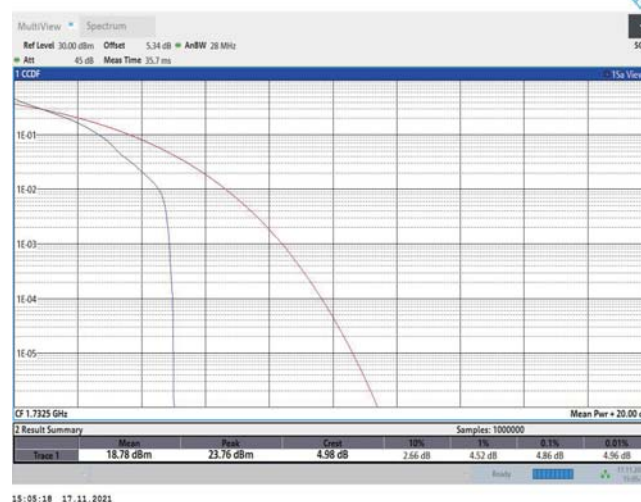
Band66	1.4MHz	QPSK	131979	1RB#0	5.10	13	PASS
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Band66	1.4MHz	QPSK	132322	1RB#0	5.12	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.62	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	4.70	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.04	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	6.16	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.46	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	6.18	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.52	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	5.92	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.02	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	5.18	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.66	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	5.26	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.58	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	4.98	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.20	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	6.06	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.54	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	6.14	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.56	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	6.10	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.16	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	5.20	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.56	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	5.34	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.50	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	4.90	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.24	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	6.12	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.46	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	6.18	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.46	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	5.72	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.16	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	5.16	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.34	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	5.24	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.52	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	4.52	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.02	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	6.14	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.24	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	6.14	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.38	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	5.60	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.94	13	PASS



Band66	15MHz	QPSK	132047	1RB#0	5.14	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.36	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	5.14	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.72	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	4.60	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.04	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	6.12	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.24	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	6.18	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.52	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	5.56	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.94	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	5.10	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.08	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	5.08	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.50	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.16	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.82	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	6.08	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.08	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.98	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.48	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.20	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.80	13	PASS

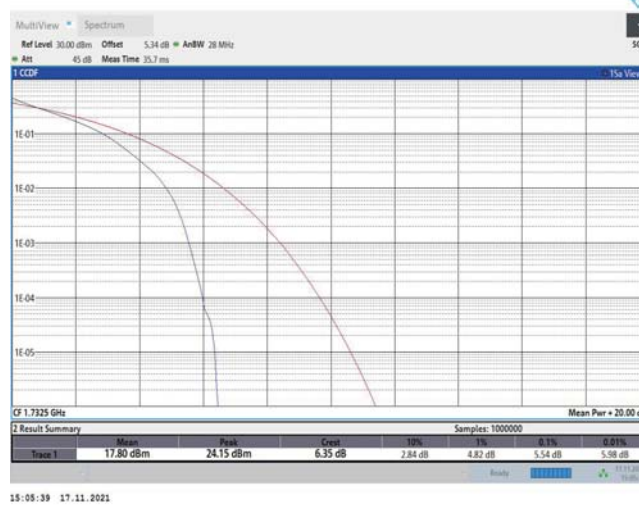


Band4-1.4MHz-QPSK-19957-1RB#0

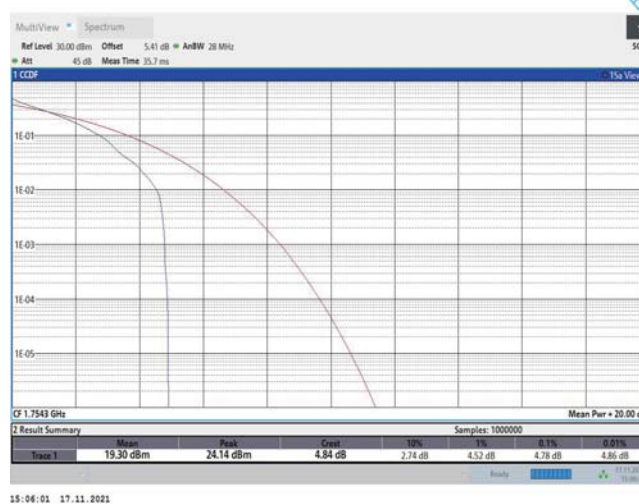




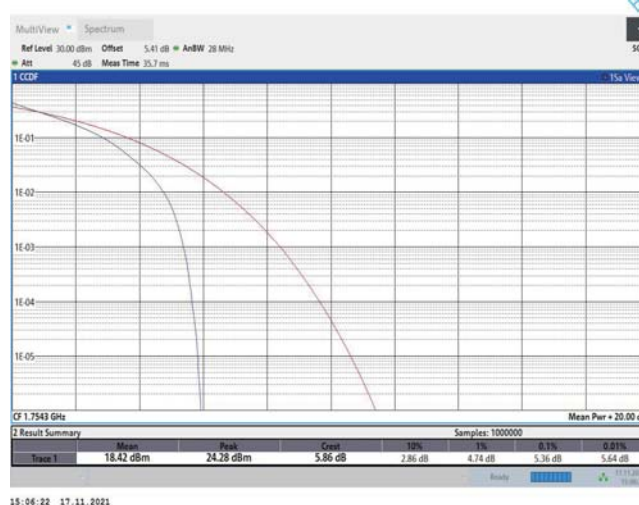
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Band4-1.4MHz-QPSK-20393-1RB#0

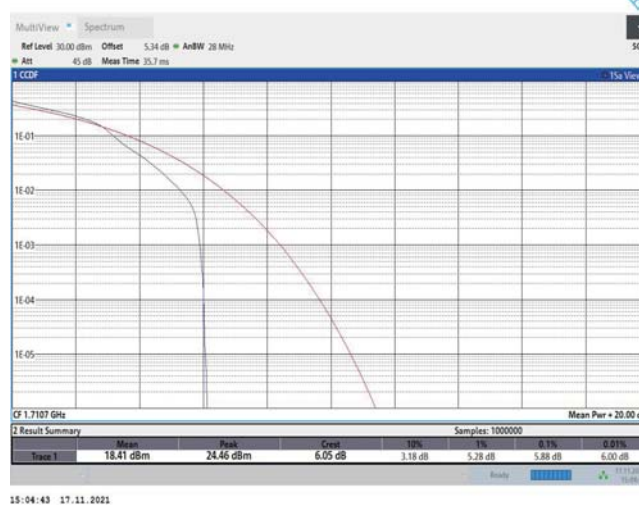


Band4-1.4MHz-QPSK-20393-6RB#0

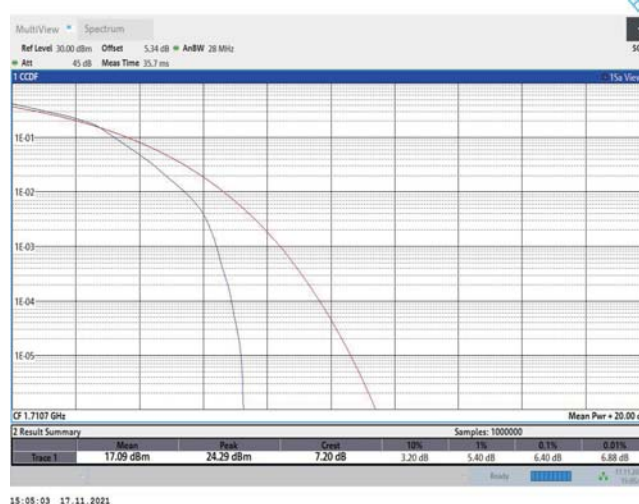




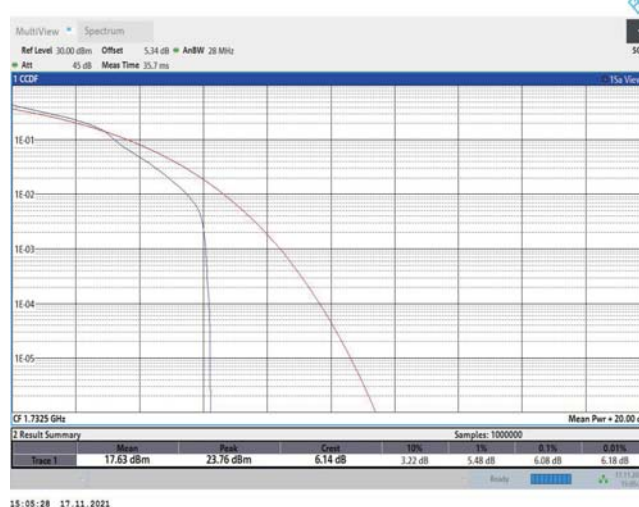
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Band4-1.4MHz-16QAM-19957-6RB#0

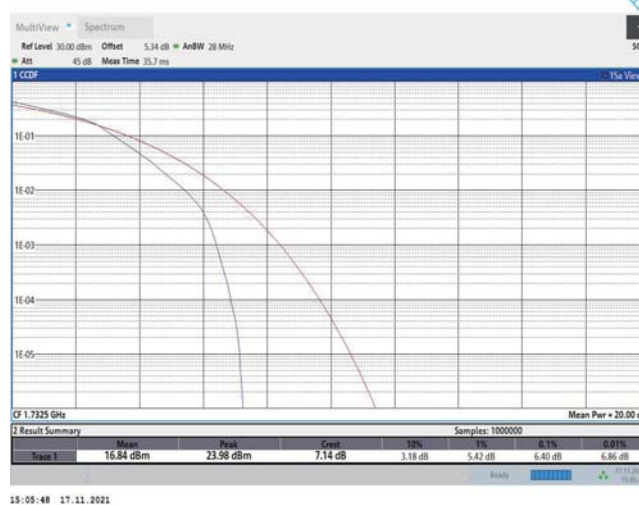


Band4-1.4MHz-16QAM-20175-1RB#0

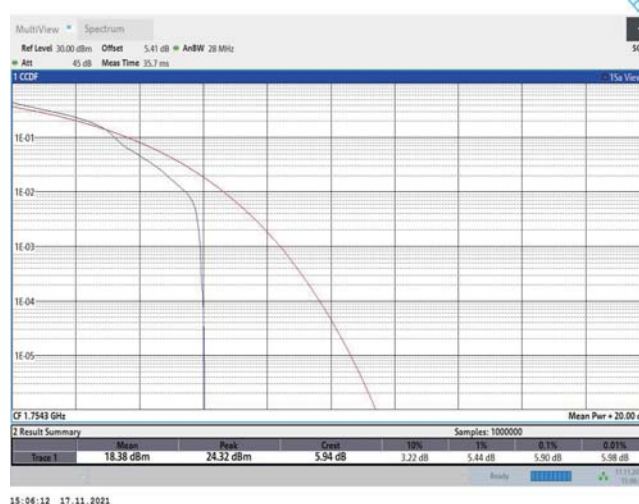




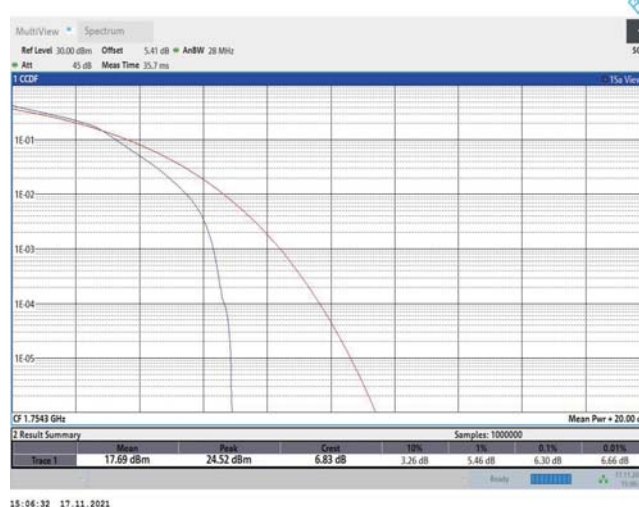
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Band4-1.4MHz-16QAM-20393-1RB#0

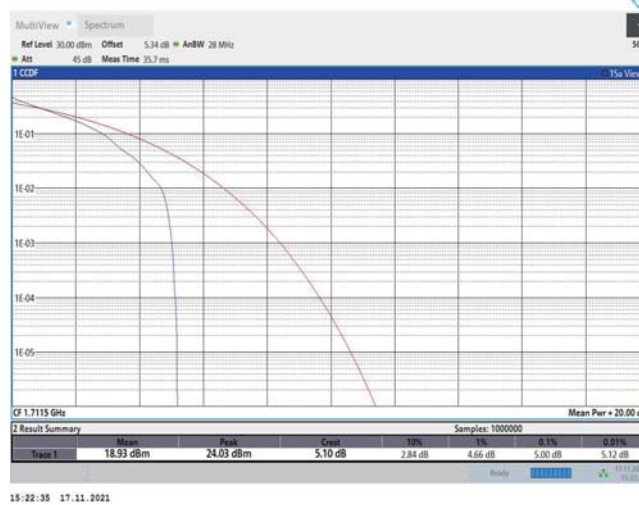


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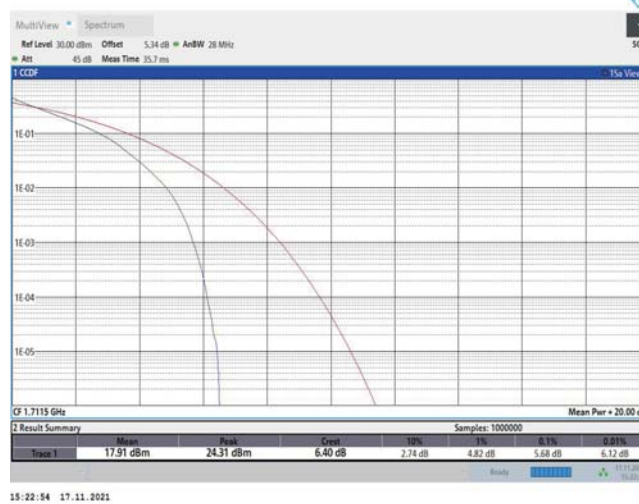




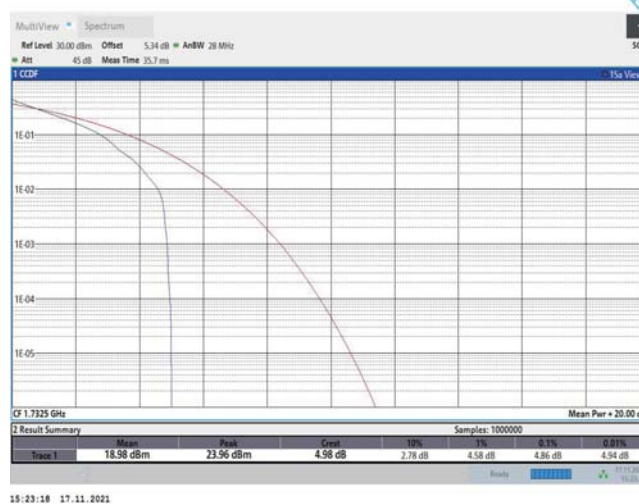
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Band4-3MHz-QPSK-19965-15RB#0

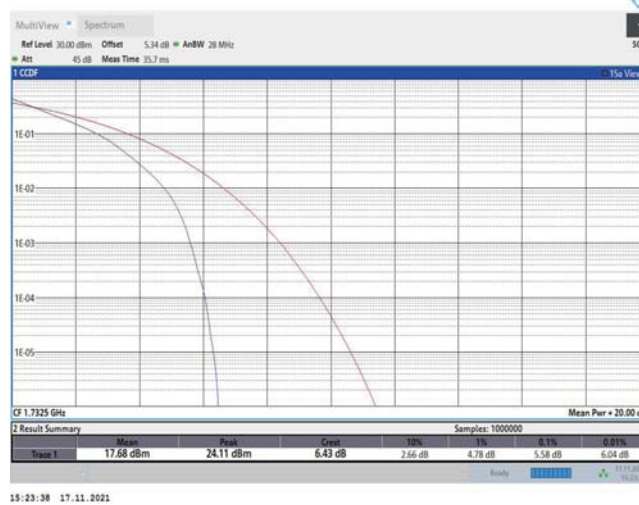


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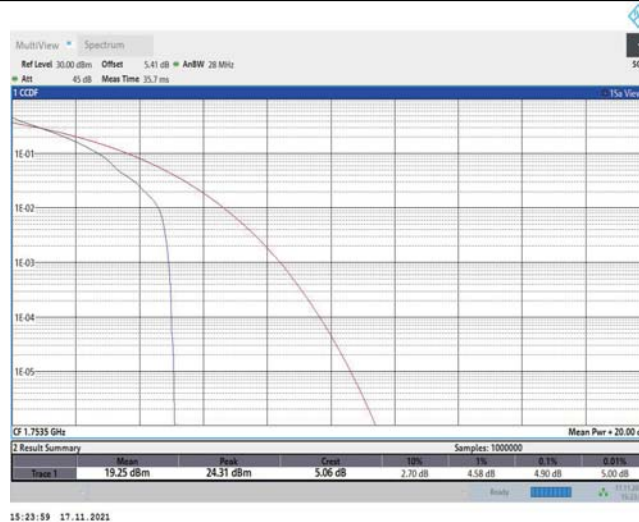




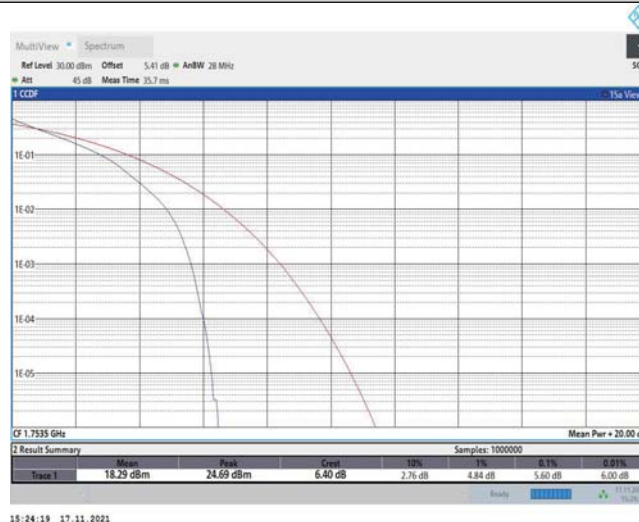
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Band4-3MHz-QPSK-20385-1RB#0

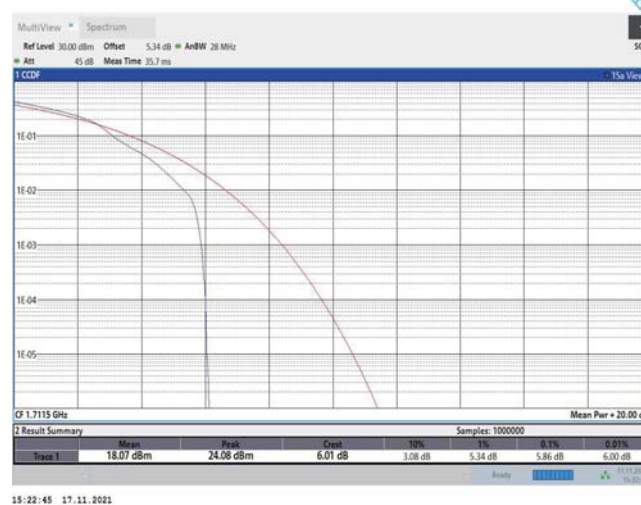


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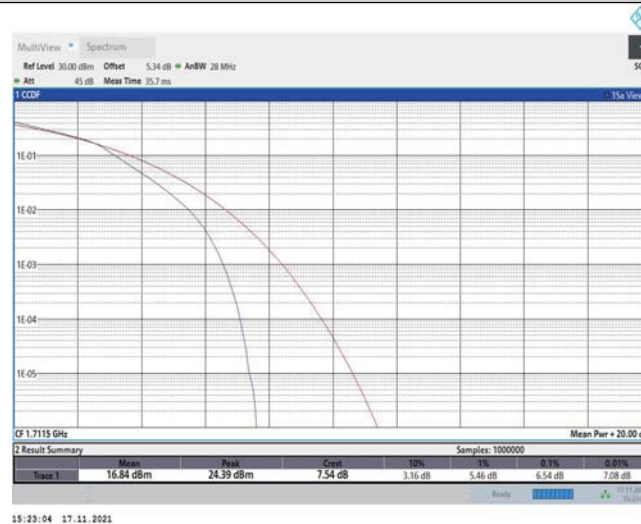




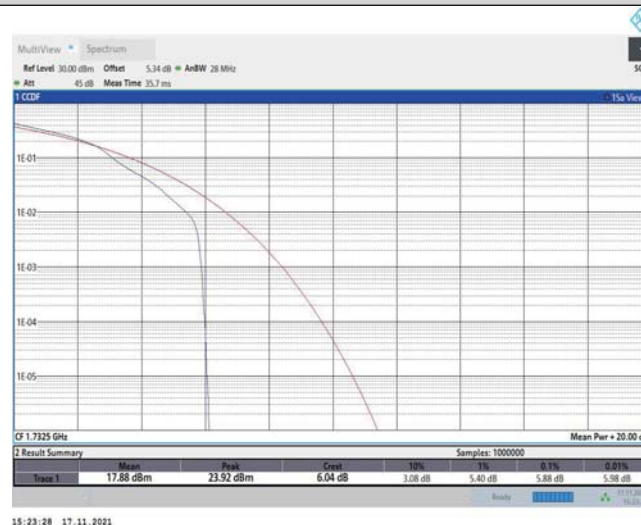
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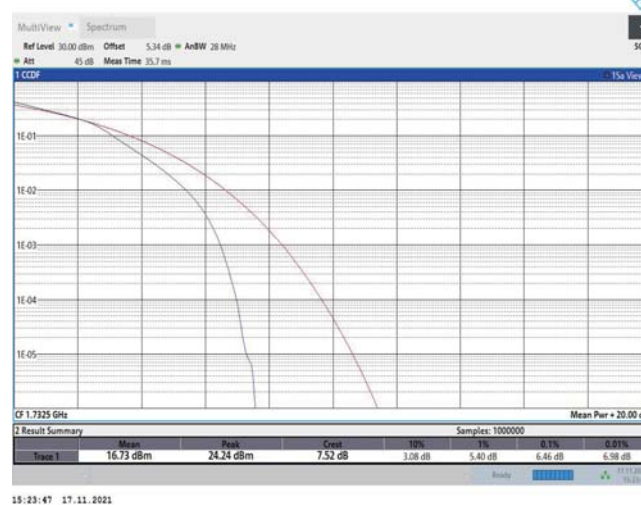


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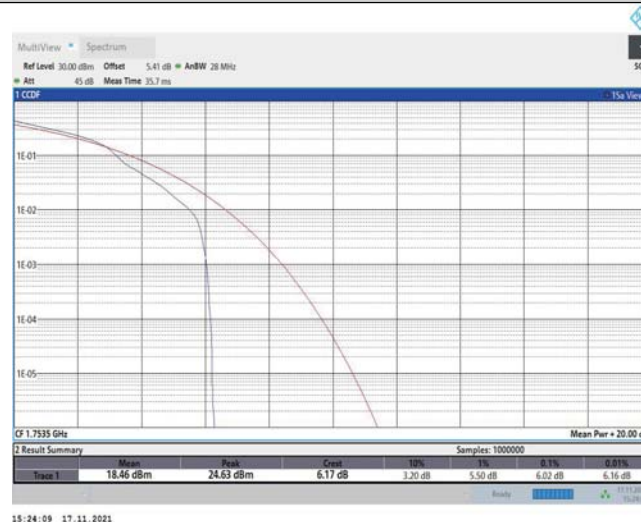




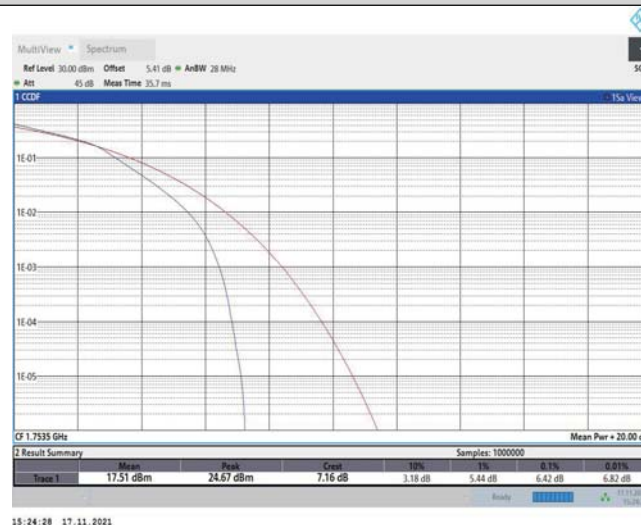
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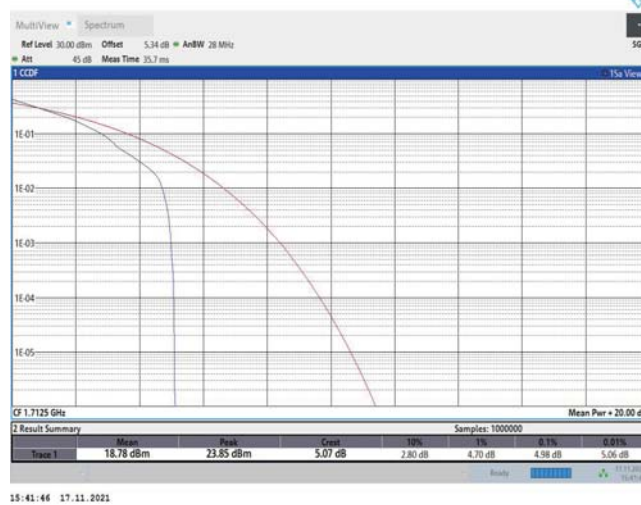


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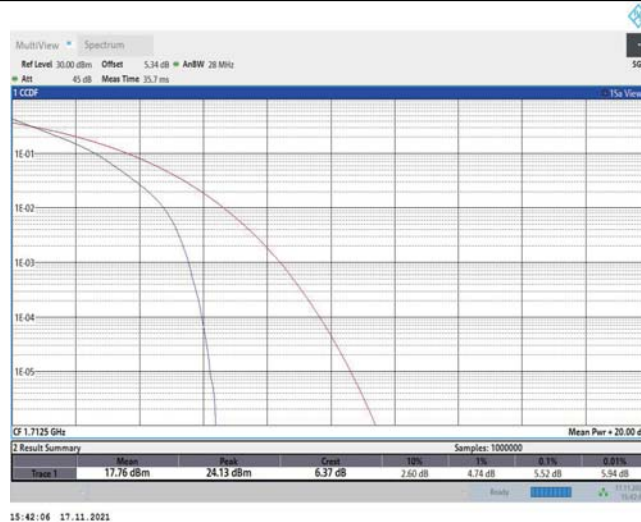




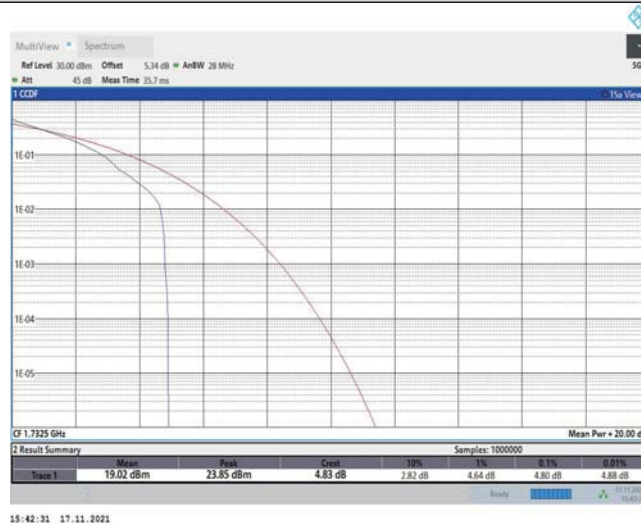
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Band4-5MHz-QPSK-19975-25RB#0

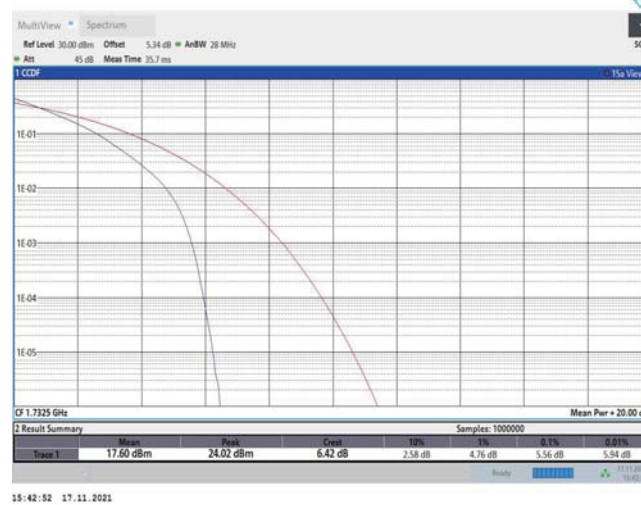


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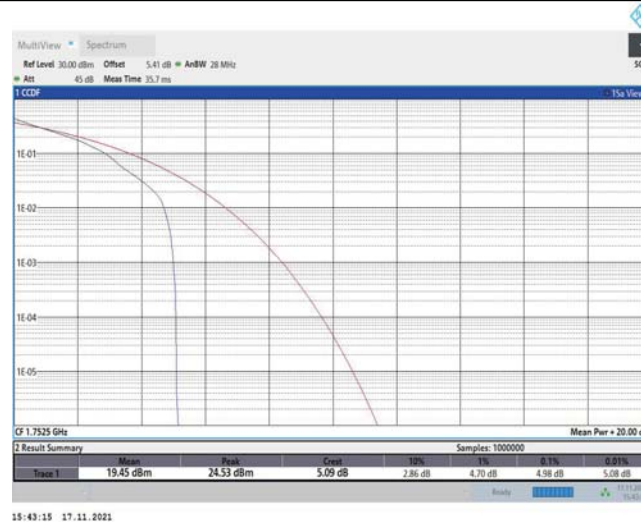




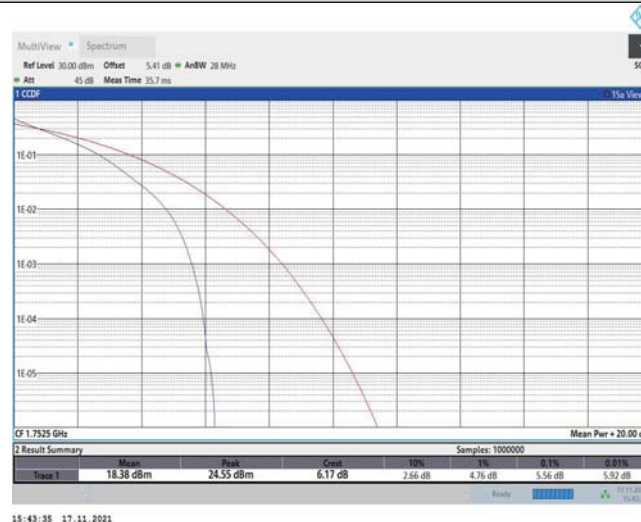
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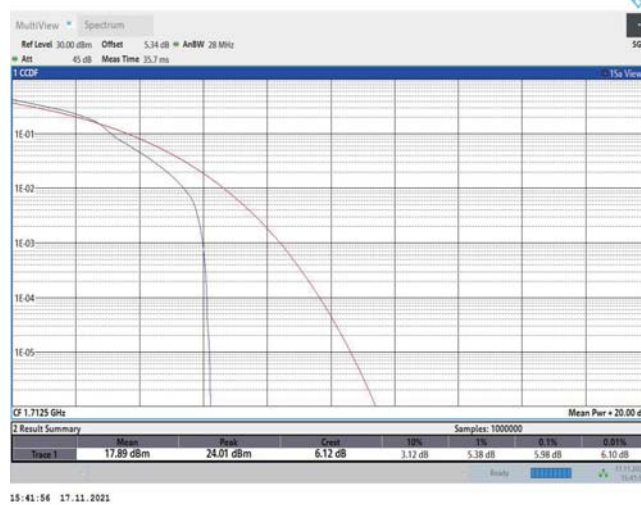


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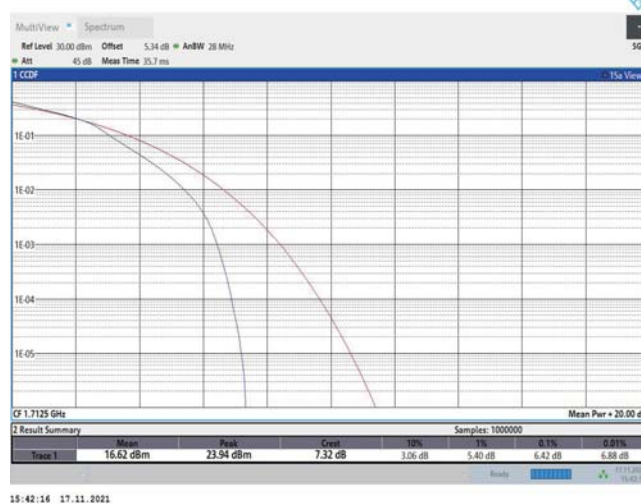




Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-1RB#0

