

**CFR 47 FCC PART 2
CFR 47 FCC PART 22 H
CFR 47 FCC PART 24 E
CFR 47 FCC PART 27**

TEST REPORT

For

Unattended Payment Terminal

MODEL NUMBER: IM28

REPORT NUMBER: 4792178956-1-RF-8

ISSUE DATE: April 29, 2026

FCC ID: V5PIM28

Prepared for

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FLAT/RM 2504, 25/F, SUN HUNG KAI CENTRE, 30 HARBOUR ROAD, WANCHAI, HK, China**

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	April 29, 2026	Initial Issue	\

Note:

- 1.This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
2. The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 22 H >< CFR 47 FCC PART 24 E>< CFR 47 FCC PART 27 > when < Simple Acceptance > decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information (FCC)

Company Name: PAX Technology Limited
Address: FLAT/RM 2504, 25/F, SUN HUNG KAI CENTRE, 30 HARBOUR ROAD, WANCHAI, HK, China

Manufacturer Information (FCC)

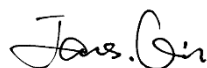
Company Name: PAX Computer Technology (Shenzhen) Co., Ltd.
Address: Room 701, PAX Technology Building, Shanxia Community, Pinghu Sub-district, Longgang District, Shenzhen, China

EUT Information

EUT Name: Unattended Payment Terminal
Model: IM28
Sample Received Date: March 16, 2026
Sample Status: Normal
Sample ID: 9535166
Date of Tested: March 1, 2026 to April 25, 2026

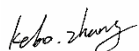
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 22 H	PASS
CFR 47 FCC PART 24 E	PASS
CFR 47 FCC PART 27	PASS

Prepared By:



James Qin
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Stephen Guo
Operations Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.26-2015, 971168 D01 Power Meas License Digital Systems v03r01, 971168 D02 Misc Rev Approv License Devices v02r01, 412172 D01 v01r01 Determining ERP and EIRP, CFR 47 FCC Part 2, Part 22 H, Part 24 E, Part 27.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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Note:

1. All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.
2. The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field site and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.
3. Measurements have been performed in an anechoic chamber for below 30 MHz and compared with the measurement result that obtained in an open field site and the measurements result have been corrected to represent the result collected in an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognize national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz)	5.78 dB (1 GHz-18 GHz)
	5.23dB (18 GHz-26 GHz)
	5.64 dB (26 GHz-40 GHz)
Bandwidth	1.1 %
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.	

Remark: For Radiated Emission measurements (200 MHz - 18 GHz), the EUT support table is made of Expanded Polystyrene (EPS). This material is characterized by a low dielectric constant, as recognized in CISPR 16-1-4, to minimize its influence on field strength measurements. This influence has been considered in the uncertainty budget.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Unattended Payment Terminal
Model	IM28
Normal Test Voltage:	AC 120V 60Hz

5.2. TEST CHANNEL CONFIGURATION

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 2	Low Range	1.4	18607	1850.7	607	1930.7
		3	18615	1851.5	615	1931.5
		5	18625	1852.5	625	1932.5
		10	18650	1855	650	1935
		15	18675	1857.5	675	1937.5
		20	18700	1860	700	1940
	Mid Range	1.4/3/5/10/15/20	18900	1880	900	1960
	High Range	1.4	19193	1909.3	1193	1989.3
		3	19185	1908.5	1185	1988.5
		5	19175	1907.5	1175	1987.5
		10	19150	1905	1150	1985
		15	19125	1902.5	1125	1982.5
		20	19100	1900	1100	1980

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 4	Low Range	1.4	19957	1710.7	1957	2110.7
		3	19965	1711.5	1965	2111.5
		5	19975	1712.5	1975	2112.5
		10	20000	1715	2000	2115
		15	20025	1717.5	2025	2117.5
		20	20050	1720	2050	2120
	Mid Range	1.4/3/5/10/15/20	20175	1732.5	2175	2132.5
	High Range	1.4	20393	1754.3	2393	2154.3
		3	20385	1753.5	2385	2153.5
		5	20375	1752.5	2375	2152.5
		10	20350	1750	2350	2150
		15	20325	1747.5	2325	2147.5
		20	20300	1745	2300	2145

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 5	Low Range	1.4	20407	824.7	2407	869.7
		3	20415	825.5	2415	870.5
		5	20425	826.5	2425	871.5
		10	20450	829	2450	874
	Mid Range	1.4/3/5/10	20525	836.5	2525	881.5
	High Range	1.4	20643	848.3	2643	893.3
		3	20635	847.5	2635	892.5
		5	20625	846.5	2625	891.5
		10	20600	844	2600	889

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 7	Low Range	5	20775	2502.5	2775	2622.5
		10	20800	2505	2800	2625
		15	20825	2507.5	2825	2627.5
		20	20850	2510	2850	2630
	Mid Range	5/10/15/20	21100	2535	3100	2655
	High Range	5	21425	2567.5	3425	2687.5
		10	21400	2565	3400	2685
		15	21375	2562.5	3375	2682.5
		20	21350	2560	3350	2680

Band	Test Frequency ID	Bandwidth [MHz]	EARFCN	Frequency (UL and DL) [MHz]
Band 38	Low Range	5	37775	2572.5
		10	37800	2575
	Mid Range	15	37825	2577.5
	High Range	20	37850	2580
		5/10/15/20	38000	2595

Band	Test Frequency ID	Bandwidth [MHz]	EARFCN	Frequency (UL and DL) [MHz]
Band 40	Low Range	5	38675	2302.5
		10	38700	2305
		15	38725	2307.5
		20	38750	2310
	Mid Range	5/10/15/20	39150	2350
	High Range	5	39625	2397.5
		10	39600	2395
		15	39575	2392.5
		20	39550	2390

Band	Test Frequency ID	Bandwidth [MHz]	EARFCN	Frequency (UL and DL) [MHz]
Band 41	Low Range	5	39715	2502.5
		10	39740	2505
		15	39765	2507.5
		20	39790	2510
	Mid Range	5/10/15/20	40640	2595
	High Range	5	41565	2687.5
		10	41540	2685
		15	41515	2682.5
		20	41490	2680

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 66	Low Range	1.4	131979	1710.7	66443	2110.7
		3	131987	1711.5	66451	2111.5
		5	131997	1712.5	66461	2112.5
		10	132022	1715	66486	2115
		15	132047	1717.5	66511	2117.5
		20	132072	1720	66536	2120
	Mid Range Tx ¹	1.4/3/5/10/15/20	132322	1745	66786	2145
	Mid Range	1.4/3/5/10/15/20	132422	1755	66886	2155
	Paired High Range ²	1.4	132665	1779.3	67129	2179.3
		3	132657	1778.5	67121	2178.5
		5	132647	1777.5	67111	2177.5
		10	132622	1775	67086	2175
		15	132597	1772.5	67061	2172.5
		20	132572	1770	67036	2170
	High Range ³	1.4	NA	NA	67329	2199.3
		3	NA	NA	67321	2198.5
		5	NA	NA	67311	2197.5
		10	NA	NA	67286	2195
		15	NA	NA	67261	2192.5
		20	NA	NA	67236	2190

Note 1:Applicable for transmitter testing.

Note 2:Applicable if UL is configured on the CC.

Note 3:Applicable if no UL is configured on the CC.

5.3. MAXIMUM AVERAGE OUTPUT POWER

LTE Band 2							
Part 24							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		1.69					
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	1850.7	1909.3	23.43	0.325	1.094	1M09D7W
	16QAM			22.83	0.283	1.096	1M10G7W
3	QPSK	1851.5	1908.5	23.34	0.318	2.689	2M69D7W
	16QAM			22.57	0.267	2.686	2M69G7W
5	QPSK	1852.5	1907.5	23.64	0.341	4.501	4M50D7W
	16QAM			22.85	0.284	4.479	4M48G7W
10	QPSK	1855.0	1905.0	23.39	0.322	8.972	8M97D7W
	16QAM			22.73	0.277	8.973	8M97G7W
15	QPSK	1857.5	1902.5	23.26	0.313	13.457	13M5D7W
	16QAM			22.60	0.269	13.456	13M5G7W
20	QPSK	1860.0	1900.0	23.21	0.309	17.995	18M0D7W
	16QAM			22.40	0.256	17.961	18M0G7W

LTE Band 4							
Part 27							
EIRP Limit(W)		1.0					
Antenna Gain (dBi)		1.49					
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	1710.7	1754.3	22.95	0.278	1.092	1M09D7W
	16QAM			22.22	0.235	1.095	1M10G7W
3	QPSK	1711.5	1753.5	22.86	0.272	2.685	2M69D7W
	16QAM			22.15	0.231	2.681	2M68G7W
5	QPSK	1712.5	1752.5	23.25	0.298	4.501	4M50D7W
	16QAM			22.39	0.244	4.481	4M48G7W
10	QPSK	1715.0	1750.0	22.87	0.273	8.978	8M98D7W
	16QAM			22.23	0.236	8.977	8M98G7W
15	QPSK	1717.5	1747.5	22.81	0.269	13.463	13M5D7W
	16QAM			22.13	0.230	13.458	13M5G7W
20	QPSK	1720.0	1745.0	23.01	0.282	17.966	18M0D7W
	16QAM			22.30	0.239	18.004	18M0G7W

LTE Band 5							
Part 22							
ERP Limit (W) for FCC			7				
Antenna Gain (dBi)			2.82				
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	ERP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	824.7	848.3	23.29	0.249	1.090	1M09G7W
	16QAM			22.62	0.213	1.099	1M10D7W
3	QPSK	825.5	847.5	23.04	0.235	2.688	2M69G7W
	16QAM			22.41	0.203	2.682	2M68D7W
5	QPSK	826.5	846.5	23.30	0.249	4.504	4M50G7W
	16QAM			22.57	0.211	4.483	4M48D7W
10	QPSK	829.0	844.0	23.12	0.239	9.001	9M00G7W
	16QAM			22.56	0.210	8.992	8M99D7W

LTE Band 7							
Part 27							
EIRP Limit(W)			2.0				
Antenna Gain (dBi)			1.67				
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	QPSK	2502.5	2567.5	23.35	0.318	4.505	4M51D7W
	16QAM			22.40	0.255	4.485	4M49G7W
10	QPSK	2505.0	2565.0	22.94	0.289	8.997	9M00D7W
	16QAM			22.32	0.251	8.983	8M98G7W
15	QPSK	2507.5	2562.5	22.88	0.285	13.498	13M5D7W
	16QAM			22.13	0.240	13.505	13M5G7W
20	QPSK	2510.0	2560.0	22.90	0.286	18.058	18M1D7W
	16QAM			22.23	0.245	18.110	18M1G7W

LTE Band 38							
Part 27							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		1.54					
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	QPSK	2572.5	2617.5	23.29	0.304	4.492	4M49D7W
	16QAM			22.61	0.260	4.494	4M49G7W
10	QPSK	2575.0	2615.0	23.17	0.296	8.979	8M98D7W
	16QAM			22.43	0.249	8.982	8M98G7W
15	QPSK	2577.5	2612.5	22.14	0.233	13.477	13M5D7W
	16QAM			21.36	0.195	13.508	13M5G7W
20	QPSK	2580.0	2610.0	22.33	0.244	18.044	18M0D7W
	16QAM			21.62	0.207	18.013	18M0G7W

LTE Band 40 (2305~2315 MHz)							
Part 27							
EIRP Limit(W/5 MHz)		0.25					
Antenna Gain (dBi)		2.2					
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	QPSK	2307.5	2312.5	20.77	0.198	4.529	4M53D7W
	16QAM			20.74	0.197	4.507	4M51G7W
10	QPSK	2310.0	2310.0	21.27	0.222	9.001	9M00D7W
	16QAM			20.22	0.175	8.974	8M97G7W

LTE Band 40 (2350~2360 MHz)							
Part 27							
EIRP Limit(W/5 MHz)		0.25					
Antenna Gain (dBi)		1.9					
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	QPSK	2352.5	2357.5	21.30	0.209	4.503	4M50D7W
	16QAM			21.26	0.207	4.531	4M53G7W
10	QPSK	2355.0	2355.0	21.46	0.217	8.995	9M00D7W
	16QAM			20.61	0.178	8.987	8M99G7W

LTE Band 41							
Part 27							
EIRP Limit(W)			2.0				
Antenna Gain (dBi)			1.67				
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	QPSK	2498.5	2687.5	23.57	0.334	4.492	4M49D7W
	16QAM			23.57	0.334	4.493	4M49G7W
10	QPSK	2501.0	2685.0	23.31	0.315	9.001	9M00D7W
	16QAM			23.31	0.315	8.979	8M98G7W
15	QPSK	2503.5	2682.5	23.24	0.310	13.486	13M5D7W
	16QAM			23.24	0.310	13.491	13M5G7W
20	QPSK	2506.0	2680.0	23.34	0.317	18.033	18M0D7W
	16QAM			23.34	0.317	17.997	18M0G7W

LTE Band 66							
Part 27							
EIRP Limit(W)			1.0				
Antenna Gain (dBi)			1.49				
Bandwidth (MHz)	Modulation	Lower Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	1710.7	1779.3	22.97	0.279	1.094	1M09D7W
	16QAM			22.25	0.237	1.096	1M10G7W
3	QPSK	1711.5	1778.5	22.81	0.269	2.685	2M69D7W
	16QAM			22.21	0.234	2.685	2M69G7W
5	QPSK	1712.5	1777.5	22.96	0.279	4.533	4M53D7W
	16QAM			22.32	0.240	4.518	4M52G7W
10	QPSK	1715.0	1775.0	22.86	0.272	9.041	9M04D7W
	16QAM			22.25	0.237	9.021	9M02G7W
15	QPSK	1717.5	1772.5	22.76	0.266	13.567	13M6D7W
	16QAM			22.07	0.227	13.544	13M5G7W
20	QPSK	1720.0	1770.0	23.03	0.283	18.078	18M1D7W
	16QAM			22.25	0.237	18.074	18M1G7W

5.4. WORST-CASE CONFIGURATION AND MODE

During all testing, EUT is in link mode with base station emulator at maximum power level. The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on QPSK, 16QAM. All testing was performed using QPSK and 16QAM modulations to represent the worst case.

The radiated spurious emissions measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT was investigated in three orthogonal orientations X,Y and Z. It was determined that X orientation was the worst-case.

Radiated spurious emissions were investigated below 30 MHz, 30 MHz - 1 GHz and above 1 GHz. There are no emissions found on below 1GHz and above 18 GHz, the emissions between 1 GHz – 18 GHz are tested at the low, mid, high channel and the worse configuration.

Test Items	Worst case test configuration			
Description	Modulation	Channel	Bandwidth (MHz)	RB Configuration
Radiated Spurious Emissions	QPSK	L, M, H	Maximum BW	RB size=1, RB Location=Low

5.5. DESCRIPTION OF AVAILABLE ANTENNAS

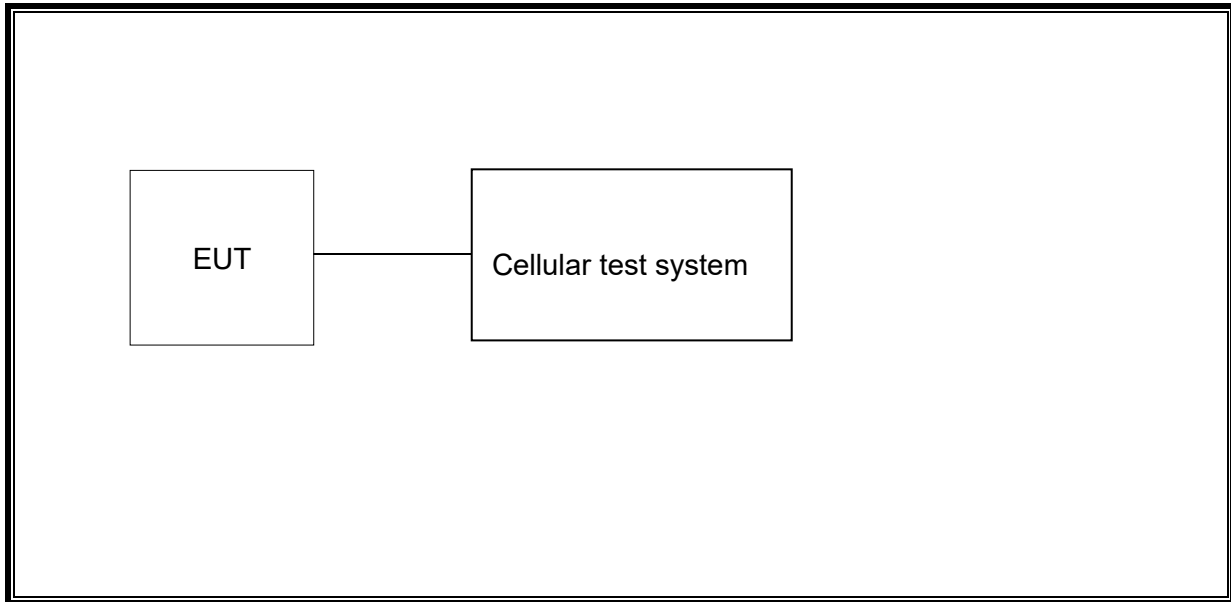
Antenna	Band	Antenna Type	MAX Antenna Gain (dBi)
Main	LTE Band 2	Dipole	1.69
Main	LTE Band 4	Dipole	1.49
Main	LTE Band 5	Dipole	2.82
Main	LTE Band 7	Dipole	1.67
Main	LTE Band 38	Dipole	1.54
Main	LTE Band 40 (Lower)	Dipole	1.1
Main	LTE Band 40 (Upper)	Dipole	1.06
Main	LTE Band 41	Dipole	1.67
Main	LTE Band 66	Dipole	1.49
Main	LTE Band 2	FPC	1.5
Main	LTE Band 4	FPC	1.3
Main	LTE Band 5	FPC	-2.3
Main	LTE Band 7	FPC	0.3
Main	LTE Band 38	FPC	0.3
Main	LTE Band 40 (Lower)	FPC	2.2
Main	LTE Band 40 (Upper)	FPC	1.9
Main	LTE Band 41	FPC	0.3
Main	LTE Band 66	FPC	1.3

Band	Transmit and Receive Mode	Description
LTE Band 2	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 4	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 5	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 7	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 38	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 40	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 41	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 66	☒1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna

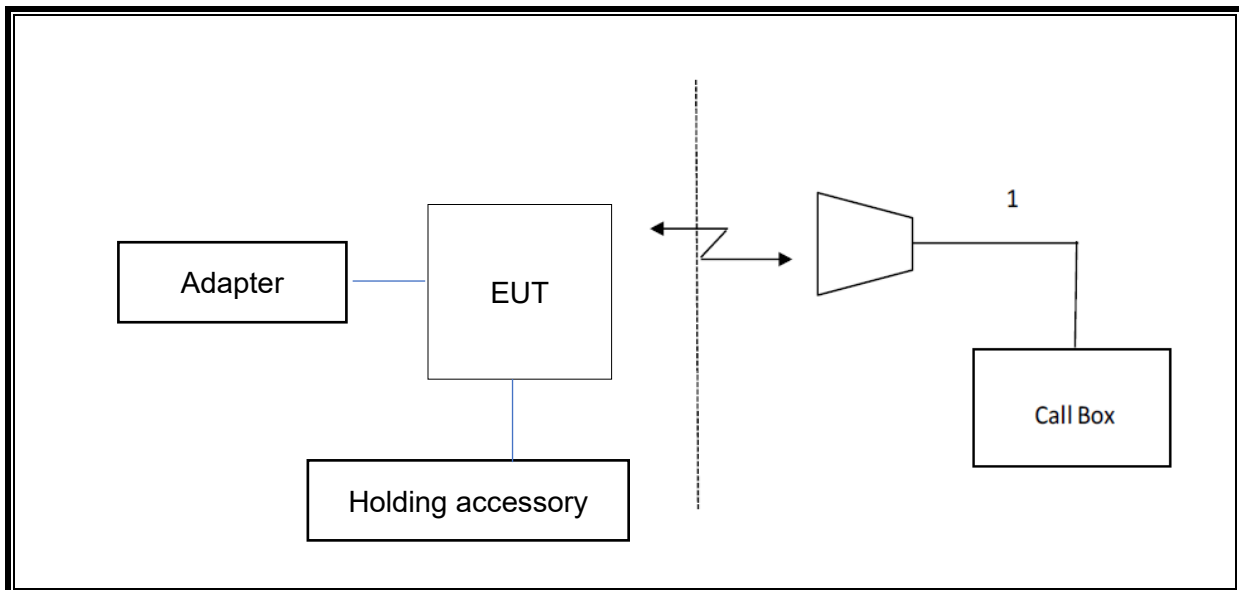
Note: The value of the antenna gain was declared by customer.

5.6. DESCRIPTION OF TEST SETUP

Conducted



Radiated



6. MEASURING INSTRUMENT AND SOFTWARE USED

Antenna Terminal Test						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	Spectrum Analyzer	R&S	FSW	1312.8000K26-103950-sj	Sep. 12, 2025	Sep. 11, 2026
☒	Wideband Radio Communication Tester	R&S	CMW500	155523	Sep. 12, 2025	Sep. 11, 2026
Software						
Used	Description		Manufacturer	Name		Version
☒	Tonsend Cellular Test System		Tonsend	JS1120 RF Auto Test System		3.1.46
Radiated Test						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep. 12, 2025	Sep. 11, 2026
☒	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	June.28, 2024	June.27, 2027
☒	Preamplifier	HP	8447D	2944A09099	Sep. 12, 2025	Sep. 11, 2026
☒	EMI Measurement Receiver	R&S	ESR26	101377	Sep. 12, 2025	Sep. 11, 2026
☒	Horn Antenna	TDK	HRN-0118	130940	Dec. 12, 2024	Dece. 11, 2027
☒	Horn Antenna	Schwarzbeck	BBHA9170	697	Jun. 30, 2024	Jun. 29, 2027
☒	Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep. 12, 2025	Sep. 11, 2026
☒	Preamplifier	TDK	PA-02-2	TRS-307-00003	Sep. 12, 2025	Sep. 11, 2026
☒	Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08,2027
☒	High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Sep.12, 2025	Sep.11, 2026
Software						
Used	Description		Manufacturer	Name		Version
☒	Test Software for Radiated disturbance		Farad	EZ-EMC		Ver. UL-3A1

7. ANTENNA TERMINAL TEST RESULTS

7.1. EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER

RULE PART(S)

FCC: §2.1046, §22.913, §24.232, §27.50

LIMITS

22.913(a) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

24.232(c) Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

27.50(c) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

27.50(d) 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 watts EIRP.

27.50(h) Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

TEST PROCEDURE

Refer to ANSI C63.26:2015 and KDB 971168 D01 Section 5.6

$ERP/EIRP = P_{Meas} + GT - LC$

where:

ERP or EIRP = effective or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

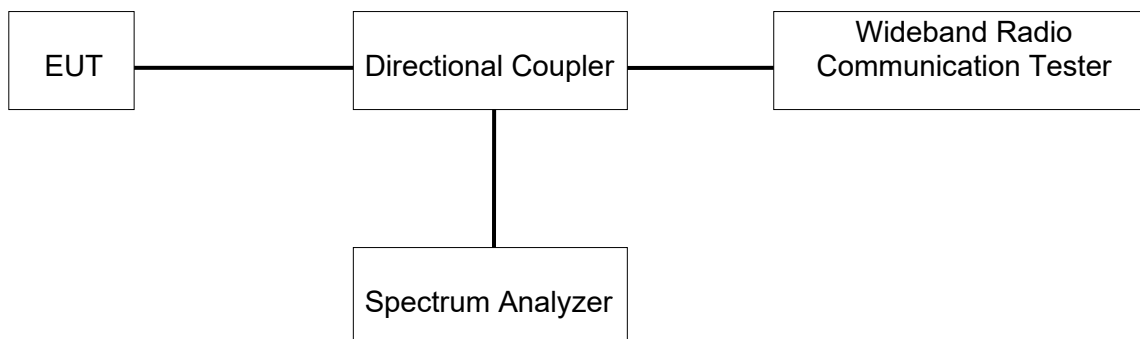
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

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

The transmitter has a maximum output powers as follows and maximum ERP/EIRP is tabulated in section 5.3.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60HZ

RESULTS

7.1.1. LTE Band 2

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				18607	18900	19193
				Freq. (MHz)		
				1850.7	1880	1909.3
1.4	QPSK	1	0	23.30	23.04	23.00
		1	2	23.43	23.16	23.05
		1	5	23.31	23.06	22.98
		3	0	23.39	23.07	23.07
		3	1	23.35	23.07	23.05
		3	3	23.40	23.06	23.03
		6	0	22.36	22.09	22.06
	16QAM	1	0	22.42	21.87	22.08
		1	2	22.83	22.45	22.35
		1	5	22.41	21.87	22.09
		3	0	22.26	21.88	21.93
		3	1	22.37	22.12	22.17
		3	3	22.17	21.83	21.89
		6	0	21.27	21.05	21.10
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				18615	18900	19185
				Freq. (MHz)		
				1851.5	1880	1908.5
3	QPSK	1	0	23.34	23.10	23.04
		1	8	23.33	23.03	22.98
		1	14	23.31	23.05	22.96
		8	0	22.33	22.06	22.04
		8	4	22.40	22.09	22.07
		8	7	22.38	22.03	22.06
		15	0	22.32	21.99	22.02
	16QAM	1	0	22.53	22.20	22.21
		1	8	22.57	22.45	22.29
		1	14	22.46	22.13	22.11
		8	0	21.40	21.04	21.13
		8	4	21.44	21.03	21.15
		8	7	21.37	21.06	21.09
		15	0	21.33	20.92	21.03
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				18625	18900	19175
				Freq. (MHz)		
				1852.5	1880	1907.5
5	QPSK	1	0	23.32	23.01	23.09
		1	12	23.64	23.11	23.26
		1	24	23.29	23.02	22.98
		12	0	22.33	21.96	22.01
		12	6	22.40	22.03	22.12
		12	13	22.29	21.98	21.99
		25	0	22.34	21.97	22.05
	16QAM	1	0	22.32	22.22	22.04
		1	12	22.85	22.53	22.40
		1	24	22.27	22.19	21.98
		12	0	21.30	21.02	20.99
		12	6	21.43	21.15	21.15

		12	13	21.24	20.98	20.98
		25	0	21.34	21.00	21.05
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				18650	18900	19150
				Freq. (MHz)		
				1855	1880	1905
10	QPSK	1	0	23.28	23.06	23.13
		1	24	23.39	23.19	23.27
		1	49	23.24	23.02	23.00
		25	0	22.36	21.99	22.12
		25	12	22.29	22.02	22.13
		25	25	22.24	22.03	22.10
		50	0	22.27	21.98	22.14
	16QAM	1	0	22.47	22.20	22.33
		1	24	22.73	22.59	22.55
		1	49	22.46	22.21	22.24
		25	0	21.35	21.01	21.13
		25	12	21.33	21.03	21.12
		25	25	21.28	21.08	21.15
		50	0	21.26	21.03	21.11
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				18675	18900	19125
				Freq. (MHz)		
				1857.5	1880	1902.5
15	QPSK	1	0	23.25	22.99	23.13
		1	38	23.26	23.13	22.93
		1	74	23.04	23.01	22.51
		36	0	22.42	22.13	22.06
		36	18	22.34	22.11	21.89
		36	37	22.29	22.13	21.85
		75	0	22.34	22.14	21.83
	16QAM	1	0	22.38	22.30	22.03
		1	38	22.60	22.38	22.27
		1	74	22.20	22.25	21.82
		36	0	21.36	21.08	20.74
		36	18	21.30	20.96	20.79
		36	37	21.23	21.06	20.85
		75	0	21.25	21.11	20.65
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				18700	18900	19100
				Freq. (MHz)		
				1860	1880	1900
20	QPSK	1	0	22.90	22.50	23.06
		1	49	23.17	22.90	23.21
		1	99	22.55	22.44	22.37
		50	0	21.88	21.61	22.05
		50	25	21.77	22.05	21.89
		50	50	21.75	22.06	21.96
		100	0	21.84	22.01	22.09
	16QAM	1	0	21.92	21.72	21.92
		1	49	22.40	22.19	22.20
		1	99	21.48	21.66	21.40
		50	0	20.93	20.88	20.80
		50	25	20.76	20.61	20.91
		50	50	20.75	21.07	20.98
		100	0	20.79	20.98	20.91

7.1.2. LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel No.		
				19957	20175	20393
				Freq. (MHz)		
				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.95	22.38	22.83
		1	2	22.71	22.60	22.92
		1	5	22.54	22.42	22.85
		3	0	22.48	22.49	22.90
		3	1	22.55	22.45	22.92
		3	3	22.59	22.53	22.92
		6	0	21.55	21.50	21.92
	16QAM	1	0	21.67	21.32	21.96
		1	2	22.08	21.88	22.22
		1	5	21.58	21.27	21.96
		3	0	21.40	21.33	21.78
		3	1	21.46	21.54	22.01
		3	3	21.44	21.32	21.77
		6	0	20.43	20.47	20.94
Bandwidth	Modulation	RB size	RB offset	Channel No.		
				19965	20175	20385
				Freq. (MHz)		
				1711.5	1732.5	1753.5
3	QPSK	1	0	22.42	22.45	22.84
		1	8	22.50	22.44	22.80
		1	14	22.58	22.45	22.86
		8	0	21.51	21.48	21.86
		8	4	21.57	21.53	21.90
		8	7	21.56	21.46	21.88
		15	0	21.51	21.44	21.82
	16QAM	1	0	21.66	21.62	22.04
		1	8	21.79	21.85	22.15
		1	14	21.72	21.54	21.96
		8	0	20.57	20.49	20.91
		8	4	20.62	20.49	20.98
		8	7	20.61	20.48	20.94
		15	0	20.50	20.36	20.84
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				19975	20175	20375
				Freq. (MHz)		
				1712.5	1732.5	1752.5
5	QPSK	1	0	22.44	22.41	22.77
		1	12	22.78	22.64	23.25
		1	24	22.57	22.42	22.82
		12	0	21.49	21.41	21.90

		12	6	21.63	21.46	21.92
		12	13	21.58	21.47	21.83
		25	0	21.54	21.40	21.86
	16QAM	1	0	21.47	21.66	21.81
		1	12	22.10	22.02	22.39
		1	24	21.53	21.66	21.79
		12	0	20.45	20.45	20.86
		12	6	20.62	20.55	20.93
		12	13	20.56	20.48	20.81
		25	0	20.57	20.42	20.86
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20000	20175	20350
				Freq. (MHz)		
				1715	1732.5	1750
10	QPSK	1	0	22.50	22.48	22.72
		1	24	22.73	22.50	22.87
		1	49	22.62	22.52	22.74
		25	0	21.54	21.39	21.89
		25	12	21.66	21.48	21.81
		25	25	21.74	21.50	21.82
		50	0	21.60	21.43	21.80
	16QAM	1	0	21.69	21.64	21.89
		1	24	22.06	21.89	22.23
		1	49	21.76	21.66	21.93
		25	0	20.51	20.40	20.86
		25	12	20.66	20.48	20.82
		25	25	20.76	20.50	20.79
		50	0	20.66	20.42	20.75
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20025	20175	20325
				Freq. (MHz)		
				1717.5	1732.5	1747.5
15	QPSK	1	0	22.38	22.36	22.47
		1	38	22.59	22.38	22.81
		1	74	22.47	22.41	22.74
		38	0	21.61	21.43	21.82
		38	18	21.71	21.54	21.87
		38	37	21.71	21.53	21.82
		75	0	21.66	21.43	21.80
	16QAM	1	0	21.58	21.53	21.81
		1	38	21.91	21.76	22.13
		1	74	21.63	21.63	22.00
		38	0	20.51	20.40	20.76
		38	18	20.62	20.45	20.86
		38	37	20.71	20.46	20.81
		75	0	20.55	20.40	20.80
	Modulation			Channel No.		

Bandwidth (MHz)		RB size	RB offset	20050	20175	20300
				Freq. (MHz)		
				1720	1732.5	1745
20	QPSK	1	0	22.36	22.33	22.31
		1	49	22.79	22.61	23.01
		1	99	22.46	22.50	22.67
		50	0	21.50	21.32	21.65
		50	25	21.62	21.49	21.72
		50	50	21.71	21.46	21.71
		100	0	21.56	21.38	21.70
	16QAM	1	0	21.41	21.40	21.50
		1	49	22.10	21.87	22.30
		1	99	21.40	21.53	21.86
		50	0	20.51	20.34	20.72
		50	25	20.62	20.48	20.77
		50	50	20.64	20.41	20.75
		100	0	20.60	20.35	20.73

7.1.3. LTE Band 5

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20407	20525	20643
				Freq. (MHz)		
				824.7	836.5	848.3
1.4	QPSK	1	0	23.29	22.98	22.81
		1	2	23.07	23.03	22.94
		1	5	22.82	22.70	22.82
		3	0	22.96	22.89	22.90
		3	1	23.03	23.04	22.88
		3	3	22.86	23.13	22.87
		6	0	22.22	22.13	21.84
	16QAM	1	0	22.25	21.96	21.93
		1	2	22.62	22.41	22.33
		1	5	22.02	21.94	21.99
		3	0	21.85	21.78	21.76
		3	1	21.99	22.07	22.01
		3	3	21.94	21.87	21.76
		6	0	21.06	21.14	20.94
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20415	20525	20635
				Freq. (MHz)		
				825.5	836.5	847.5
3	QPSK	1	0	22.88	23.04	23.00
		1	8	22.97	22.85	22.83
		1	14	22.98	22.93	22.86
		8	0	22.18	21.86	22.04
		8	4	22.20	22.02	22.20
		8	7	22.20	22.05	21.96
		15	0	22.26	22.05	21.86
	16QAM	1	0	22.41	22.19	21.83
		1	8	22.26	22.41	22.10
		1	14	22.02	22.02	21.83
		8	0	21.25	21.06	21.14
		8	4	21.43	21.10	21.05
		8	7	21.33	21.06	21.14
		15	0	21.27	21.01	20.85
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20425	20525	20625
				Freq. (MHz)		
				826.5	836.5	846.5
5	QPSK	1	0	23.00	22.90	22.78
		1	12	23.30	23.28	22.97
		1	24	22.80	22.81	22.86

		12	0	22.27	22.05	22.08
		12	6	22.22	22.09	22.03
		12	13	22.26	22.07	21.79
		25	0	22.23	22.06	21.99
	16QAM	1	0	22.11	22.21	21.75
		1	12	22.57	22.42	22.26
		1	24	21.86	21.90	21.89
		12	0	21.29	21.09	21.05
		12	6	21.35	21.18	21.24
		12	13	21.22	21.07	20.86
		25	0	21.31	21.03	21.07
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20450	20525	20600
				Freq. (MHz)		
				829	836.5	844
10	QPSK	1	0	22.74	22.92	23.12
		1	24	22.97	22.94	22.90
		1	49	22.61	22.63	22.90
		25	0	22.32	22.12	22.28
		25	12	22.24	22.10	22.24
		25	25	22.21	22.14	22.03
		50	0	22.21	22.11	22.27
	16QAM	1	0	21.98	22.04	21.61
		1	24	22.10	22.56	22.18
		1	49	21.90	21.82	21.84
		25	0	21.30	21.13	21.28
		25	12	21.25	21.12	21.25
		25	25	21.20	21.19	21.19
		50	0	21.19	21.10	21.24

7.1.4. LTE Band 7

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20775	21100	21425
				Freq. (MHz)		
				2502.5	2535	2567.5
5	QPSK	1	0	23.35	22.18	22.04
		1	12	23.00	22.43	22.22
		1	24	22.76	22.17	22.02
		12	0	21.87	21.24	21.03
		12	6	21.93	21.28	21.10
		12	13	21.88	21.22	21.11
		25	0	21.92	21.26	21.09
	16QAM	1	0	21.97	21.23	21.25
		1	12	22.40	21.83	21.65
		1	24	21.82	21.19	21.31
		12	0	20.81	20.22	20.09
		12	6	20.98	20.26	20.26
		12	13	20.89	20.22	20.16
		25	0	20.96	20.28	20.14
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20800	21100	21400
				Freq. (MHz)		
				2505	2535	2565
10	QPSK	1	0	22.88	22.21	22.02
		1	24	22.94	22.38	22.25
		1	49	22.72	22.12	22.10
		25	0	21.91	21.32	21.15
		25	12	21.92	21.34	21.16
		25	25	21.95	21.41	21.30
		50	0	21.88	21.35	21.17
	16QAM	1	0	22.10	21.48	21.28
		1	24	22.32	21.76	21.70
		1	49	21.92	21.39	21.24
		25	0	20.87	20.31	20.16
		25	12	20.95	20.30	20.16
		25	25	20.95	20.36	20.30
		50	0	20.85	20.34	20.26
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20825	21100	21375
				Freq. (MHz)		
				2507.5	2535	2562.5
15	QPSK	1	0	22.88	22.21	22.00
		1	38	22.73	22.27	22.12
		1	74	22.49	22.08	22.06

		38	0	21.88	21.32	21.08
		38	18	21.88	21.30	21.17
		38	37	21.82	21.30	21.22
		75	0	21.84	21.31	21.19
	16QAM	1	0	22.06	21.57	20.92
		1	38	22.13	21.64	21.39
		1	74	21.74	21.38	20.98
		38	0	20.86	20.29	20.06
		38	18	20.88	20.32	20.07
		38	37	20.79	20.28	20.18
		75	0	20.80	20.30	20.15
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				20850	21100	21350
				Freq. (MHz)		
				2510	2535	2560
20	QPSK	1	0	22.82	22.15	21.79
		1	49	22.90	22.50	22.25
		1	99	22.37	22.03	21.82
		50	0	21.80	21.22	21.13
		50	25	21.81	21.30	21.12
		50	50	21.64	21.33	21.26
		100	0	21.70	21.29	21.21
	16QAM	1	0	21.86	21.34	20.90
		1	49	22.23	21.87	21.52
		1	99	21.43	21.19	20.93
		50	0	20.74	20.29	20.16
		50	25	20.77	20.35	20.18
		50	50	20.61	20.37	20.31
		100	0	20.69	20.32	20.17

7.1.5. LTE Band 38

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				37775	38000	38225
				Freq. (MHz)		
				2572.5	2595	2617.5
5	QPSK	1	0	22.42	22.49	22.98
		1	12	22.80	22.91	23.29
		1	24	22.45	22.55	23.08
		12	0	21.54	21.69	22.16
		12	6	21.62	21.80	22.24
		12	13	21.51	21.72	22.26
		25	0	21.53	21.76	22.17
	16QAM	1	0	21.82	21.86	22.21
		1	12	22.42	22.26	22.61
		1	24	21.88	21.94	22.28
		12	0	20.49	20.73	21.13
		12	6	20.62	20.81	21.19
		12	13	20.48	20.78	21.22
		25	0	20.55	20.76	21.12
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				37800	38000	38200
				Freq. (MHz)		
				2575	2595	2615
10	QPSK	1	0	22.45	22.64	22.97
		1	24	22.62	22.83	23.17
		1	49	22.57	22.77	23.16
		25	0	21.59	21.72	22.07
		25	12	21.58	21.77	22.13
		25	25	21.52	21.82	22.24
		50	0	21.58	21.82	22.14
	16QAM	1	0	21.85	21.57	22.05
		1	24	22.20	21.83	22.43
		1	49	21.93	21.75	22.22
		25	0	20.69	20.75	21.11
		25	12	20.62	20.76	21.16
		25	25	20.60	20.79	21.28
		50	0	20.56	20.83	21.12
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				37825	38000	38175
				Freq. (MHz)		
				2577.5	2595	2612.5
15	QPSK	1	0	21.39	21.71	21.97
		1	38	21.61	21.79	22.10
		1	74	21.68	21.90	22.14

		38	0	20.75	20.85	21.16
		38	18	20.74	20.90	21.26
		38	37	20.76	20.97	21.31
		75	0	20.69	20.90	21.23
	16QAM	1	0	20.75	20.74	21.03
		1	38	21.24	21.12	21.36
		1	74	21.01	20.97	21.25
		38	0	19.75	19.79	20.20
		38	18	19.76	19.86	20.29
		38	37	19.76	19.91	20.35
		75	0	19.74	19.93	20.22
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				37850	38000	38150
				Freq. (MHz)		
				2580	2595	2610
20	QPSK	1	0	21.44	21.57	21.74
		1	49	21.94	22.08	22.33
		1	99	21.60	21.88	22.13
		50	0	20.85	20.88	21.08
		50	25	20.82	20.93	21.26
		50	50	20.82	21.04	21.41
		100	0	20.81	20.95	21.26
	16QAM	1	0	20.72	20.22	20.76
		1	49	21.27	21.29	21.62
		1	99	20.87	20.57	21.09
		50	0	19.83	20.01	20.04
		50	25	19.86	19.98	20.29
		50	50	19.83	20.06	20.34
		100	0	19.84	19.98	20.25

7.1.6. LTE Band 40 (Lower)

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				38725	38750	38775
				Freq. (MHz)		
				2307.5	2310	2312.5
5	QPSK	1	0	20.99	20.73	20.84
		1	12	20.89	20.64	20.75
		1	24	20.97	20.77	20.83
		12	0	19.13	19.08	19.00
		12	6	19.13	19.08	18.99
		12	13	19.13	19.08	18.99
		25	0	19.14	19.08	18.99
	16QAM	1	0	19.94	20.28	19.82
		1	12	19.84	20.19	19.75
		1	24	20.97	20.74	20.86
		12	0	18.21	18.06	18.08
		12	6	19.13	19.08	19.00
		12	13	19.13	19.07	19.00
		25	0	19.12	19.08	18.99
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				N/A	38750	N/A
				Freq. (MHz)		
				N/A	2310	N/A
10	QPSK	1	0	N/A	21.27	N/A
		1	12	N/A	21.03	N/A
		1	24	N/A	20.80	N/A
		12	0	N/A	19.10	N/A
		12	6	N/A	19.13	N/A
		12	13	N/A	19.09	N/A
		25	0	N/A	17.51	N/A
	16QAM	1	0	N/A	20.13	N/A
		1	12	N/A	20.22	N/A
		1	24	N/A	19.80	N/A
		12	0	N/A	18.13	N/A
		12	6	N/A	18.17	N/A
		12	13	N/A	18.20	N/A
		25	0	N/A	16.56	N/A

7.1.7. LTE Band 40 (Upper)

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				39175	39200	39225
				Freq. (MHz)		
				2352.5	2355	2357.5
5	QPSK	1	0	21.29	21.28	21.12
		1	12	21.28	21.30	21.22
		1	24	21.29	21.29	21.13
		12	0	19.53	19.52	19.54
		12	6	19.52	19.52	19.54
		12	13	19.52	19.51	19.55
		25	0	19.52	19.52	19.55
	16QAM	1	0	20.28	20.26	20.63
		1	12	20.29	20.28	20.71
		1	24	21.29	21.26	21.13
		12	0	18.59	18.60	18.52
		12	6	19.53	19.51	19.54
		12	13	19.52	19.51	19.56
		25	0	19.51	19.52	19.56
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				N/A	39200	N/A
				Freq. (MHz)		
				N/A	2355	N/A
10	QPSK	1	0	N/A	21.30	N/A
		1	12	N/A	21.46	N/A
		1	24	N/A	21.37	N/A
		12	0	N/A	19.50	N/A
		12	6	N/A	19.60	N/A
		12	13	N/A	19.61	N/A
		25	0	N/A	17.94	N/A
	16QAM	1	0	N/A	20.31	N/A
		1	12	N/A	20.61	N/A
		1	24	N/A	20.41	N/A
		12	0	N/A	18.50	N/A
		12	6	N/A	18.65	N/A
		12	13	N/A	18.64	N/A
		25	0	N/A	17.02	N/A

7.1.8. LTE Band 41

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				40265	40690	41215
				Freq. (MHz)		
				2557.5	2600	2652.5
5	QPSK	1	0	21.87	22.14	23.18
		1	12	22.22	22.56	23.57
		1	24	21.91	22.26	23.30
		12	0	20.95	21.32	22.32
		12	6	21.06	21.40	22.41
		12	13	21.00	21.38	22.32
		25	0	21.02	21.39	22.28
	16QAM	1	0	21.87	22.14	23.18
		1	12	22.22	22.56	23.57
		1	24	21.91	22.26	23.30
		12	0	20.95	21.32	22.32
		12	6	21.06	21.40	22.41
		12	13	21.00	21.38	22.32
		25	0	21.02	21.39	22.28
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				40290	40690	41190
				Freq. (MHz)		
				2560	2600	2650
10	QPSK	1	0	21.98	22.21	23.14
		1	24	22.09	22.50	23.31
		1	49	21.99	22.44	23.31
		25	0	21.02	21.43	22.36
		25	12	21.06	21.43	22.31
		25	25	21.08	21.52	22.30
		50	0	21.04	21.47	22.33
	16QAM	1	0	21.98	22.21	23.14
		1	24	22.09	22.50	23.31
		1	49	21.99	22.44	23.31
		25	0	21.02	21.43	22.36
		25	12	21.06	21.43	22.31
		25	25	21.08	21.52	22.30
		50	0	21.04	21.47	22.33
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				40315	40690	41165
				Freq. (MHz)		
				2562.5	2600	2647.5
15	QPSK	1	0	21.92	22.20	22.90
		1	38	22.01	22.44	23.13
		1	74	21.95	22.48	23.24

	16QAM	38	0	21.09	21.39	22.23
		38	18	21.15	21.43	22.34
		38	37	21.12	21.54	22.39
		75	0	21.08	21.44	22.31
		1	0	21.92	22.20	22.90
		1	38	22.01	22.44	23.13
		1	74	21.95	22.48	23.24
		38	0	21.09	21.39	22.23
		38	18	21.15	21.43	22.34
		38	37	21.12	21.54	22.39
		75	0	21.08	21.44	22.31
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				40340	40690	41140
				Freq. (MHz)		
				2565	2600	2645
20	QPSK	1	0	21.77	21.98	22.70
		1	49	22.22	22.59	23.34
		1	99	21.96	22.36	23.19
		50	0	21.05	21.33	22.15
		50	25	21.10	21.45	22.24
		50	50	21.10	21.58	22.22
		100	0	21.08	21.46	22.19
	16QAM	1	0	21.77	21.98	22.70
		1	49	22.22	22.59	23.34
		1	99	21.96	22.36	23.19
		50	0	21.05	21.33	22.15
		50	25	21.10	21.45	22.24
		50	50	21.10	21.58	22.22
		100	0	21.08	21.46	22.19

7.1.9. LTE Band 66

Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				131979	132322	132665
				Freq. (MHz)		
				1710.7	1745	1779.3
1.4	QPSK	1	0	22.54	22.80	22.67
		1	2	22.73	22.97	22.85
		1	5	22.60	22.76	22.69
		3	0	22.62	22.82	22.81
		3	1	22.67	22.86	22.82
		3	3	22.69	22.89	22.76
		6	0	21.69	21.82	21.80
	16QAM	1	0	21.64	21.63	21.85
		1	2	22.10	22.25	22.11
		1	5	21.74	21.70	21.81
		3	0	21.51	21.65	21.66
		3	1	21.64	21.87	21.88
		3	3	21.54	21.61	21.68
		6	0	20.56	20.84	20.82
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				131987	132322	132657
				Freq. (MHz)		
				1711.5	1745	1778.5
3	QPSK	1	0	22.57	22.75	22.75
		1	8	22.58	22.81	22.76
		1	14	22.68	22.77	22.75
		8	0	21.63	21.77	21.73
		8	4	21.65	21.82	21.76
		8	7	21.68	21.76	21.74
		15	0	21.61	21.76	21.73
	16QAM	1	0	21.82	21.92	21.64
		1	8	21.91	22.21	22.01
		1	14	21.83	21.91	21.67
		8	0	20.65	20.79	20.76
		8	4	20.75	20.77	20.73
		8	7	20.71	20.81	20.75
		15	0	20.62	20.68	20.64
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				131997	132322	132647
				Freq. (MHz)		
				1712.5	1745	1777.5
5	QPSK	1	0	22.55	22.70	22.66
		1	12	22.96	22.95	22.89
		1	24	22.64	22.78	22.74
		12	0	21.58	21.75	21.69

		12	6	21.70	21.84	21.73
		12	13	21.70	21.76	21.62
		25	0	21.64	21.76	21.70
	16QAM	1	0	21.55	21.85	21.64
		1	12	22.24	22.32	22.25
		1	24	21.64	21.96	21.78
		12	0	20.55	20.76	20.72
		12	6	20.71	20.88	20.72
		12	13	20.67	20.69	20.69
		25	0	20.62	20.73	20.74
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				132022	132322	132622
				Freq. (MHz)		
				1715	1745	1775
10	QPSK	1	0	22.62	22.64	22.58
		1	24	22.81	22.86	22.83
		1	49	22.61	22.83	22.73
		25	0	21.68	21.75	21.69
		25	12	21.77	21.79	21.68
		25	25	21.83	21.81	21.61
		50	0	21.75	21.76	21.65
	16QAM	1	0	21.75	21.80	21.78
		1	24	22.21	22.25	22.23
		1	49	21.77	21.97	21.88
		25	0	20.64	20.75	20.73
		25	12	20.78	20.83	20.75
		25	25	20.80	20.77	20.69
		50	0	20.73	20.71	20.65
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.		
				132047	132322	132597
				Freq. (MHz)		
				1717.5	1745	1772.5
15	QPSK	1	0	22.51	22.49	22.62
		1	38	22.69	22.76	22.73
		1	74	22.57	22.74	22.69
		38	0	21.72	21.82	21.74
		38	18	21.81	21.81	21.77
		38	37	21.79	21.88	21.72
		75	0	21.79	21.84	21.76
	16QAM	1	0	21.72	21.69	21.86
		1	38	22.05	22.07	21.99
		1	74	21.76	21.95	21.95
		38	0	20.66	20.76	20.72
		38	18	20.74	20.81	20.75
		38	37	20.81	20.78	20.71
		75	0	20.70	20.72	20.71
	Modulation			Channel No.		

Bandwidth (MHz)		RB size	RB offset	132072	132322	132572
				Freq. (MHz)		
				1720	1745	1770
20	QPSK	1	0	22.49	22.45	22.56
		1	49	22.88	22.96	23.03
		1	99	22.54	22.75	22.61
		50	0	21.65	21.81	21.75
		50	25	21.76	21.81	21.74
		50	50	21.79	21.78	21.62
		100	0	21.76	21.79	21.65
	16QAM	1	0	21.51	21.46	21.73
		1	49	22.17	22.19	22.25
		1	99	21.49	21.77	21.75
		50	0	20.65	20.78	20.78
		50	25	20.73	20.78	20.76
		50	50	20.76	20.81	20.65
		100	0	20.69	20.77	20.67

7.2. PEAK TO AVERAGE RADIO

LIMITS

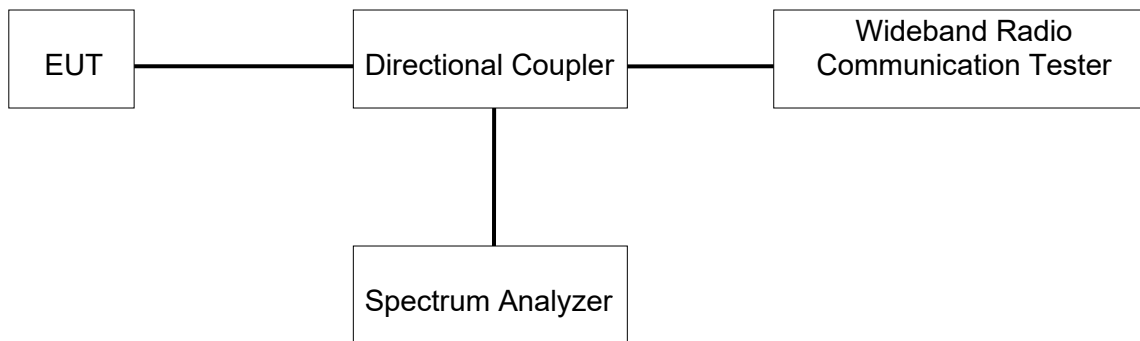
In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01;

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power. The PAR was measured on the Spectrum Analyzer.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60HZ

RESULTS

Middle was used to measure as the worst case. The results from all CCDF plots are passed with 13dB peak-to-average power ratio criteria.

Please refer to Appendix LTE.

7.3. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

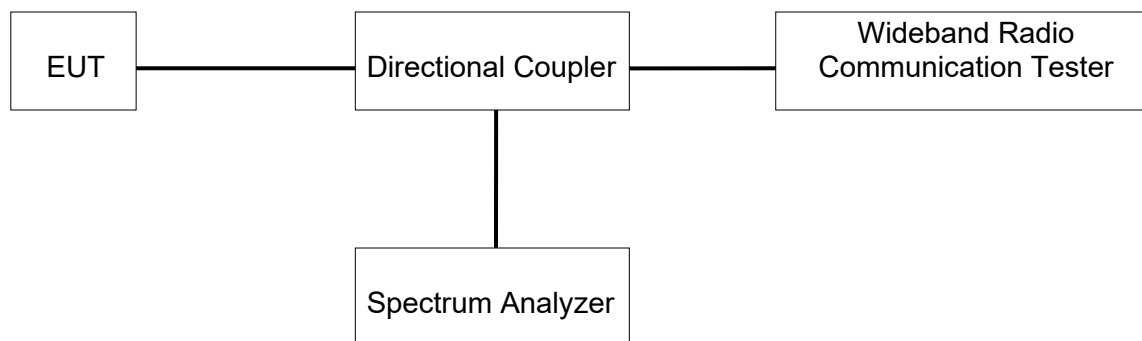
For reporting purposes only.

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the low, middle and high channel in each band. The -26dB bandwidth was also measured and recorded.

(Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01)

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60HZ

RESULTS

There is no limit required and power is the same for low, middle and high channel, therefore, only middle channel was tested.

Please refer to Appendix LTE.

7.4. BAND EDGE EMISSIONS

RULE PART(S)

FCC §2.1051, §22.917, §24.238, §27.53

LIMITS

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power.

The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

- a) Set the RBW = 1 ~ 5 % of OBW (Typically limited to a minimum RBW of 1% of the OBW)
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = Auto;
- e) Detector = RMS;
- f) Ensure that the number of measurement points $\geq 2 \times$ Span/RBW;
- g) Trace mode = Average (100);

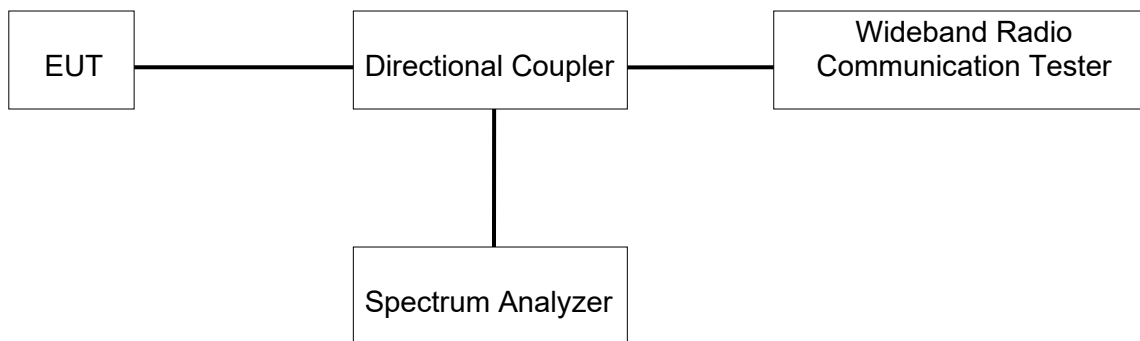
Test procedure for LTE Band 7/38/41

(m)(6)Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

Test procedure for LTE Band 40

(a)(5)Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305, 2310, 2315, 2320, 2345, 2350, 2355, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60HZ

RESULTS

Please refer to Appendix LTE.

7.5. SPURIOUS EMISSION AT ANTENNA TERMINAL

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53

LIMITS

FCC: §22.901, §22.917, §24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §27.53

Limit for Band 4/66

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

Limit for Band 7/38/41

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.

Limit for Band 40

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $70 + 10 \log (P)$ dB.

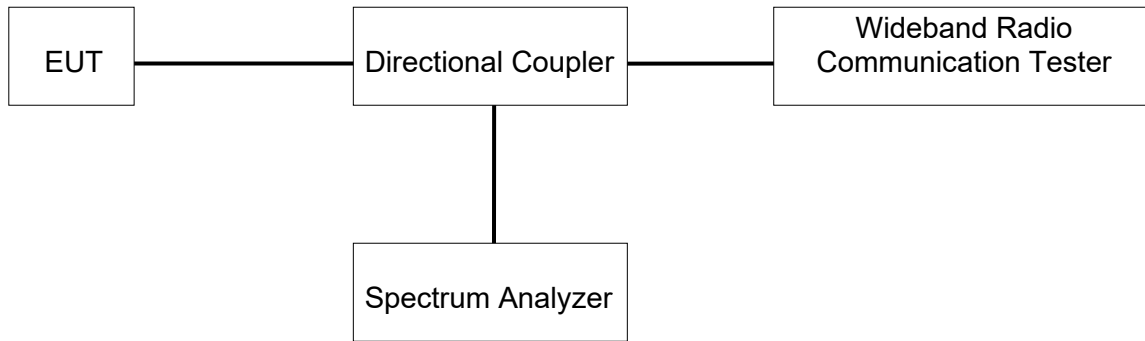
TEST PROCEDURE

Per KDB 971168 D01 Power Meas License Digital Systems v03r01

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

- a) Set the RBW = 100 kHz for emission below 1GHz and 1MHz for emissions above 1GHz
(Tests were performed 1 MHz [Worst case], to sweep 1 time for all frequency range)
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points = Max (40001);
- g) Trace mode = average (LTE 5), Maxhold (LTE Band7);

Note: Please refer to section 5.4 for bandwidth and RB setting about LTE bands.

TEST SETUP**TEST ENVIRONMENT**

Temperature	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60HZ

RESULTS

Please refer to Appendix LTE.

7.6. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §22.355, §24.235, §27.54

LIMITS

§22.355 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

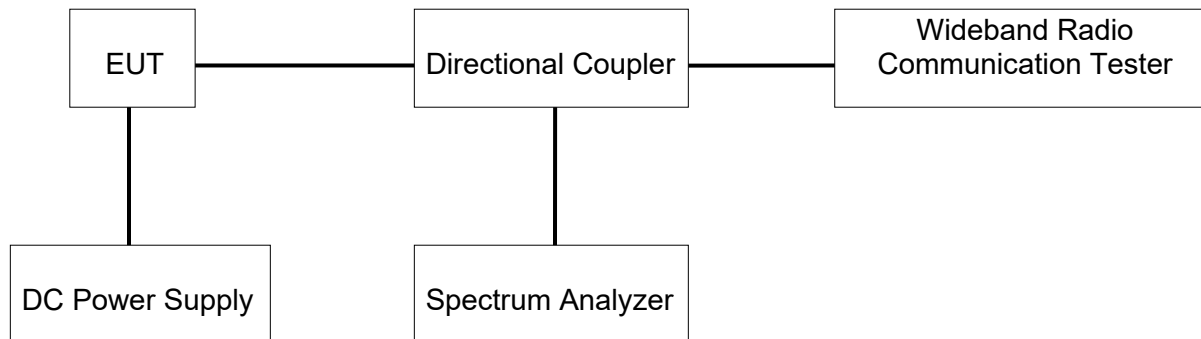
§24.235 and §27.54 - The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01.

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	45 % - 75 %	/
Atmospheric Pressure	100 kPa ~102 kPa	/
Temperature	T _N (Normal Temperature): 24.5 °C	T _L (Low Temperature): -20 °C
		T _H (High Temperature): 70 °C
Supply Voltage	V _N (Normal Voltage): AC 120V 60HZ	V _L (Low Voltage): AC 102 V
		V _H (High Voltage): AC 138 V

TEST SETUP



RESULTS

The peak frequency error is recorded (worst-case).

Please refer to Appendix LTE.

8. RADIATED SPURIOUS EMISSIONS

LIMIT

FCC: §27.53 (m), LTE (B7/38/41)

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.

FCC: §27.53 (a), LTE (B40)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $70 + 10 \log (P)$ dB.

FCC: §24.238(a), LTE (B2)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §22.917(a) LTE (B5)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §27.53(h) LTE (B4/66)

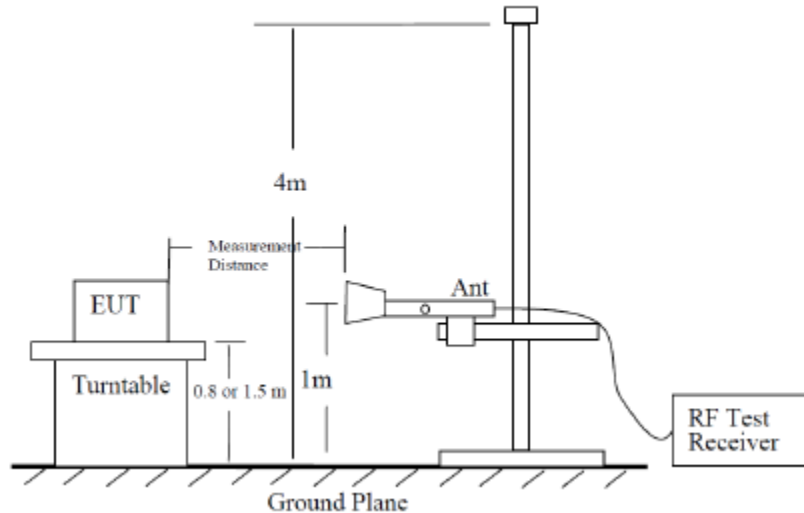
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

Following the test configuration shown below, radiated emissions measured directly from the EUT and convert the measured field strength or received power to ERP or EIRP, as required, for comparison to the applicable limits. As stated in section 5.5.1 of ANSI C63.26-2015. The field strength measurement method by using a test site validated to the requirement of ANSI C63.4 is an alternative method to the substitution measurement.

For Radiate Spurious Emission (1 GHz ~ 3 GHz):

All bands have been tested, but only the worst data was recorded in the report.



Radiated Power Measurement Calculation According to ANSI C63.26-2015

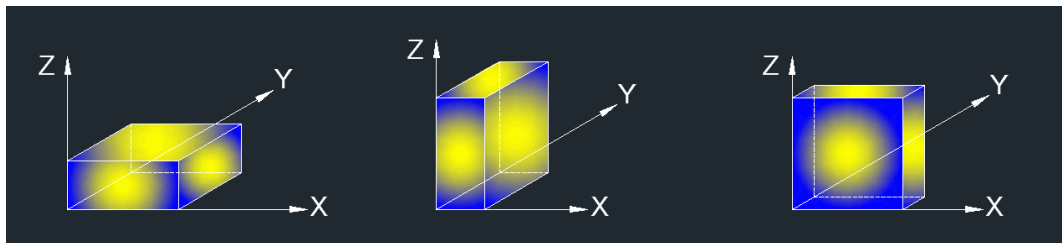
- $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$
- $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$
- $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$, where D is the measurement distance (in the far field region) in m.
- $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$, where D is the measurement distance (in the far field region) in m.

So, from d)

The measuring distance is at 3m, then $20 \cdot \log(3) = 9.5424$

Then, $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 9.5424 - 104.8 = E \text{ (dB}\mu\text{V/m)} - 95.2576$

X axis, Y axis, Z axis:



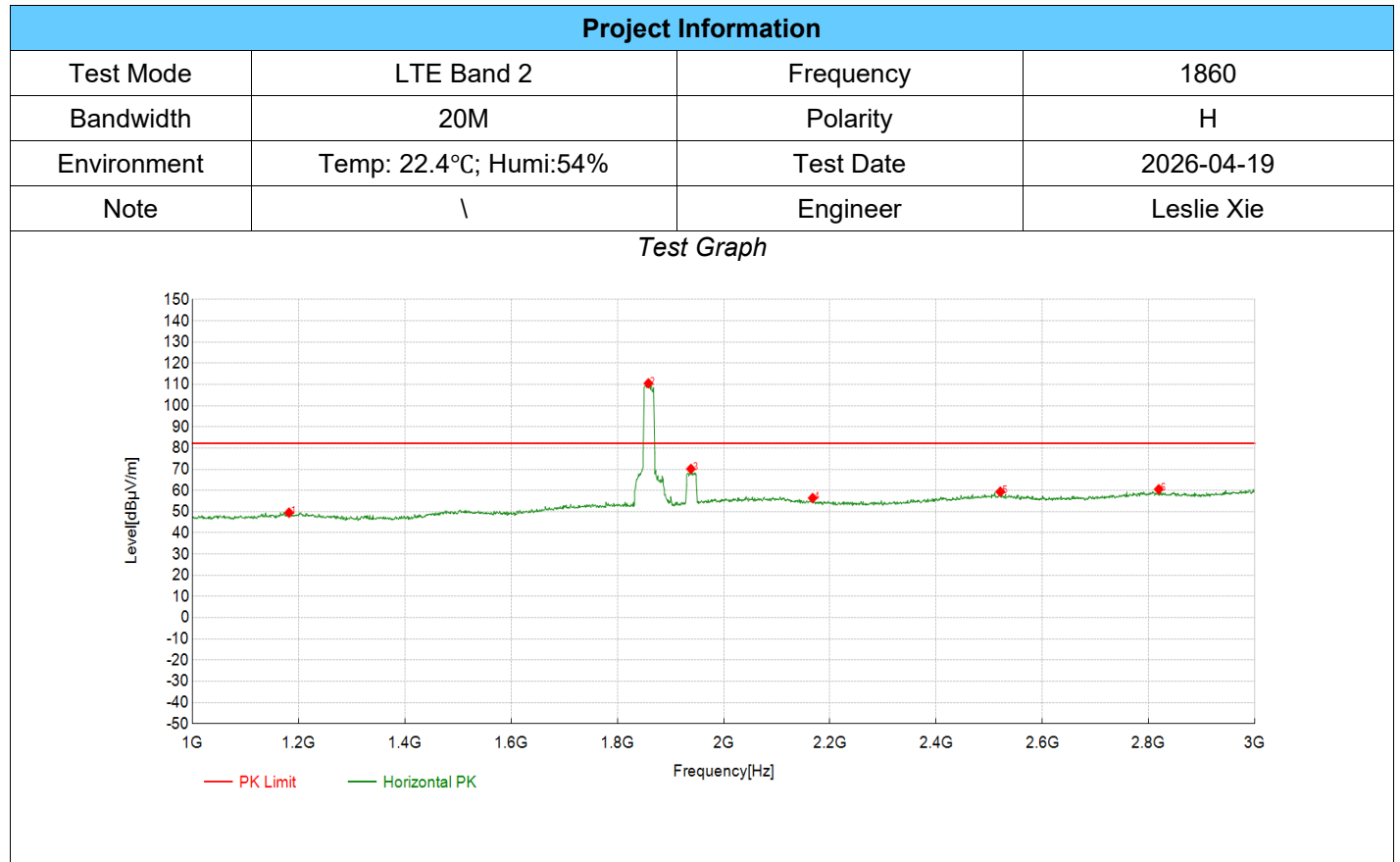
Note: The EUT was investigated in three orthogonal orientations X/Y/Z on ANT0 and ANT3 to determine the worst-case orientation. X orientation is finally determined the worst.

TEST ENVIRONMENT

Temperature	23.8°C	Relative Humidity	64%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60HZ

RESULTS

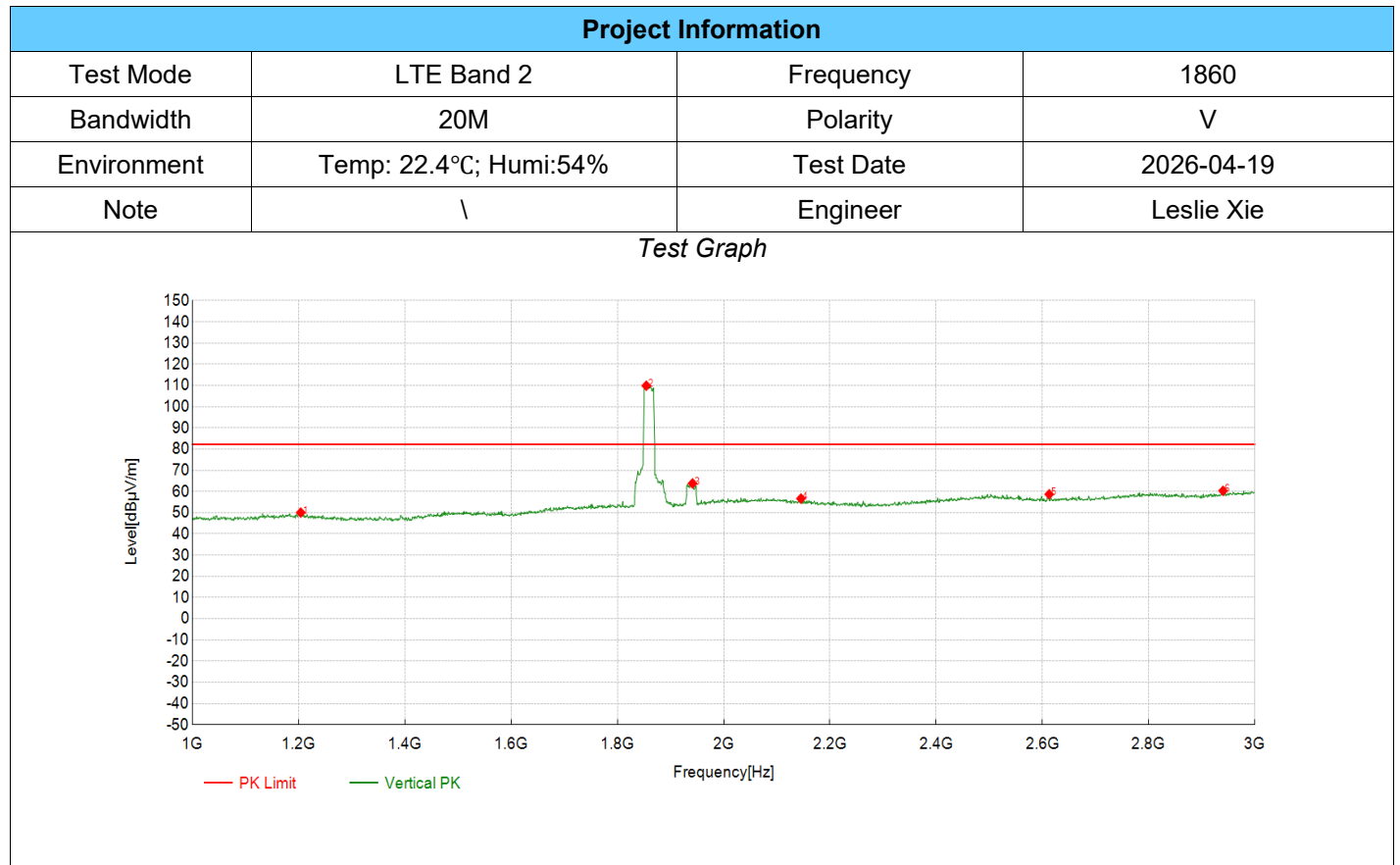
TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1182.09	45.29	49.55	4.26	82.25	32.70	PK	Horizontal	PASS
2	1858.43	102.28	110.54	8.26	\	\	\	\	FUNDAMENTAL
3	1938.47	61.18	70.18	9.00	82.25	12.07	PK	Horizontal	PASS
4	2167.58	47.77	56.45	8.68	82.25	25.80	PK	Horizontal	PASS
5	2520.76	49.47	59.41	9.94	82.25	22.84	PK	Horizontal	PASS
6	2818.91	49.32	60.58	11.26	82.25	21.67	PK	Horizontal	PASS

Note: (1) Level = Reading + Factor
(2) Margin = Limit - Level

TX Radiated Test Result

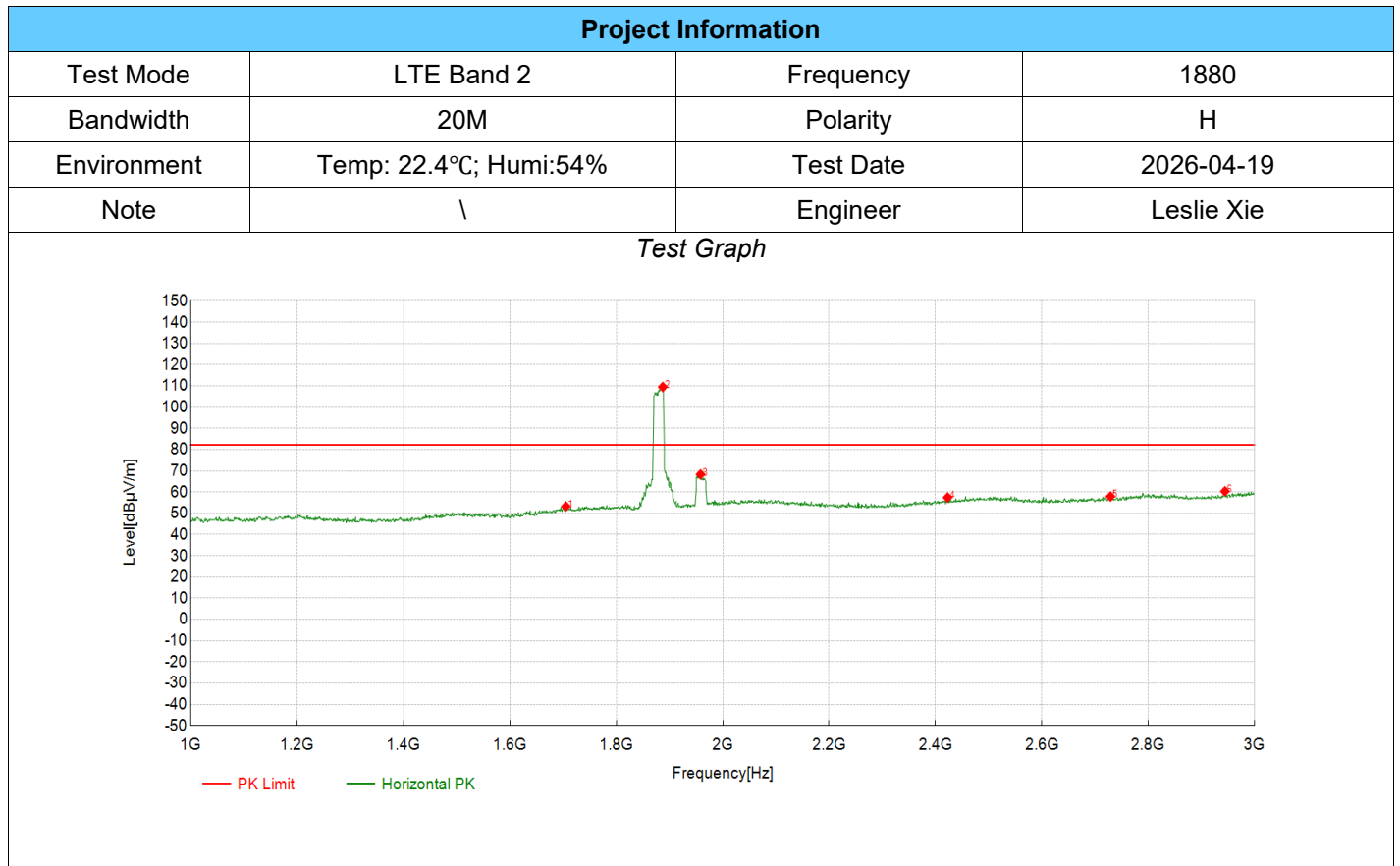


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1204.10	45.68	50.07	4.39	82.25	32.18	PK	Vertical	PASS
2	1854.43	101.65	109.91	8.26	\	\	\	\	FUNDAMENTAL
3	1941.47	54.77	63.83	9.06	82.25	18.42	PK	Vertical	PASS
4	2145.57	47.56	56.67	9.11	82.25	25.58	PK	Vertical	PASS
5	2612.81	49.82	58.70	8.88	82.25	23.55	PK	Vertical	PASS
6	2939.97	49.07	60.35	11.28	82.25	21.90	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

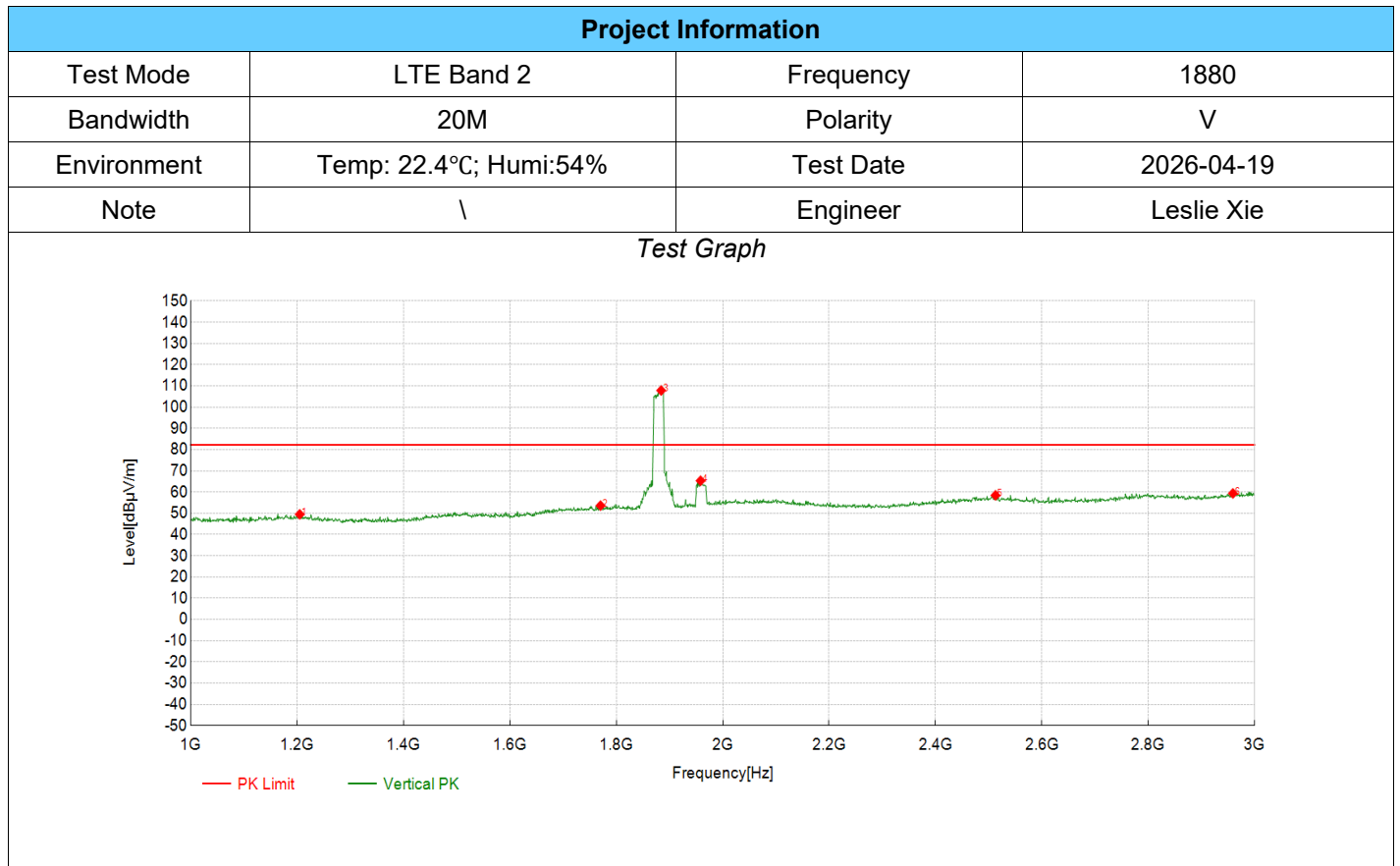


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1705.35	45.92	53.30	7.38	82.25	28.95	PK	Horizontal	PASS
2	1887.44	101.28	109.53	8.25	\	\	\	\	FUNDAMENTAL
3	1958.48	58.96	68.35	9.39	82.25	13.90	PK	Horizontal	PASS
4	2422.71	48.31	57.46	9.15	82.25	24.79	PK	Horizontal	PASS
5	2728.86	48.13	57.93	9.80	82.25	24.32	PK	Horizontal	PASS
6	2943.97	49.03	60.37	11.34	82.25	21.88	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

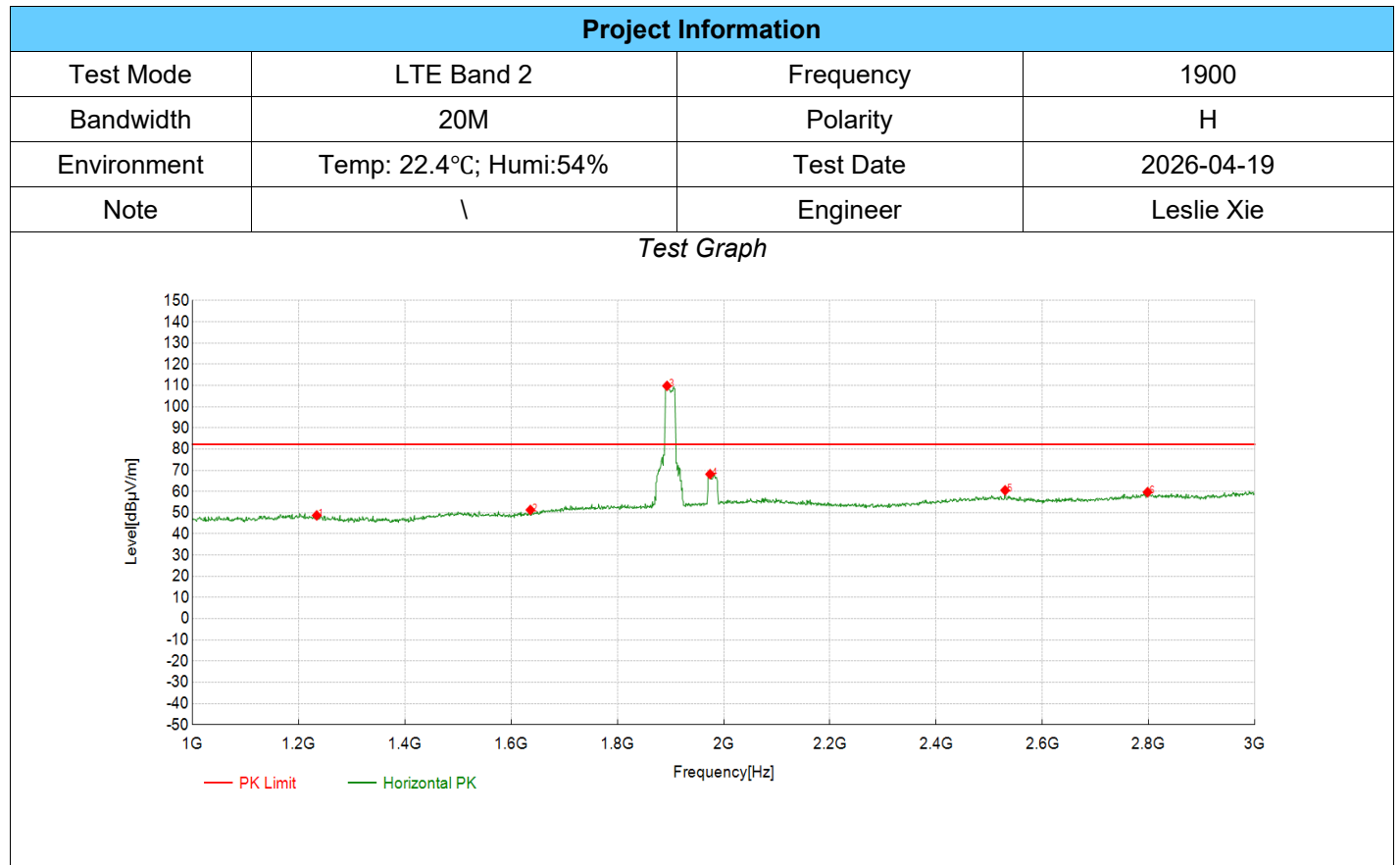


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1205.10	45.16	49.53	4.37	82.25	32.72	PK	Vertical	PASS
2	1770.39	45.64	53.64	8.00	82.25	28.61	PK	Vertical	PASS
3	1884.44	99.63	107.87	8.24	\	\	\	\	FUNDAMENTAL
4	1958.48	55.96	65.35	9.39	82.25	16.90	PK	Vertical	PASS
5	2512.76	48.45	58.49	10.04	82.25	23.76	PK	Vertical	PASS
6	2958.98	47.84	59.38	11.54	82.25	22.87	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

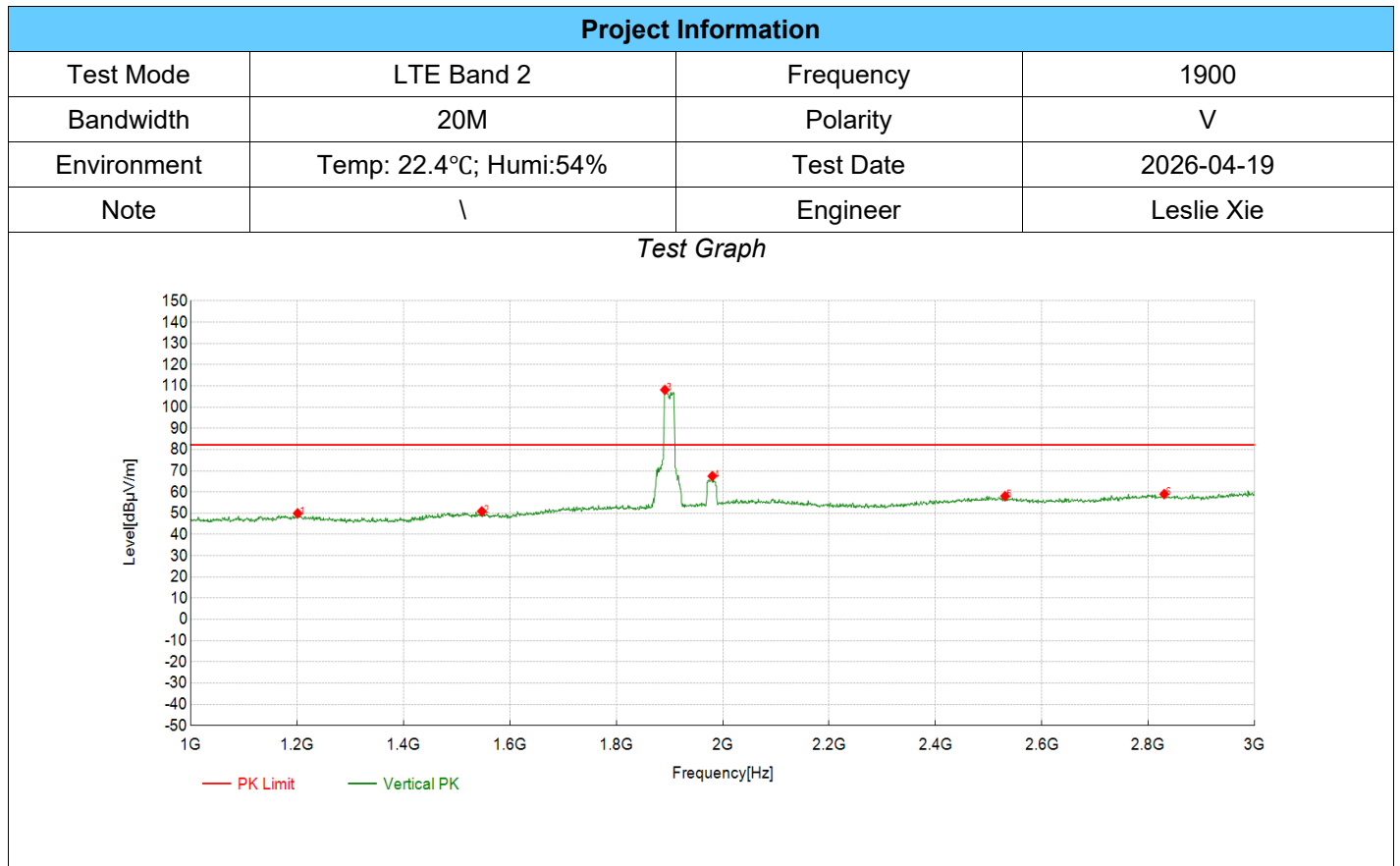


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1234.12	44.95	48.75	3.80	82.25	33.50	PK	Horizontal	PASS
2	1636.32	45.88	51.33	5.45	82.25	30.92	PK	Horizontal	PASS
3	1893.45	101.58	109.83	8.25	\	\	\	\	FUNDAMENTAL
4	1974.49	58.48	68.19	9.71	82.25	14.06	PK	Horizontal	PASS
5	2529.76	50.76	60.57	9.81	82.25	21.68	PK	Horizontal	PASS
6	2797.90	48.36	59.70	11.34	82.25	22.55	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

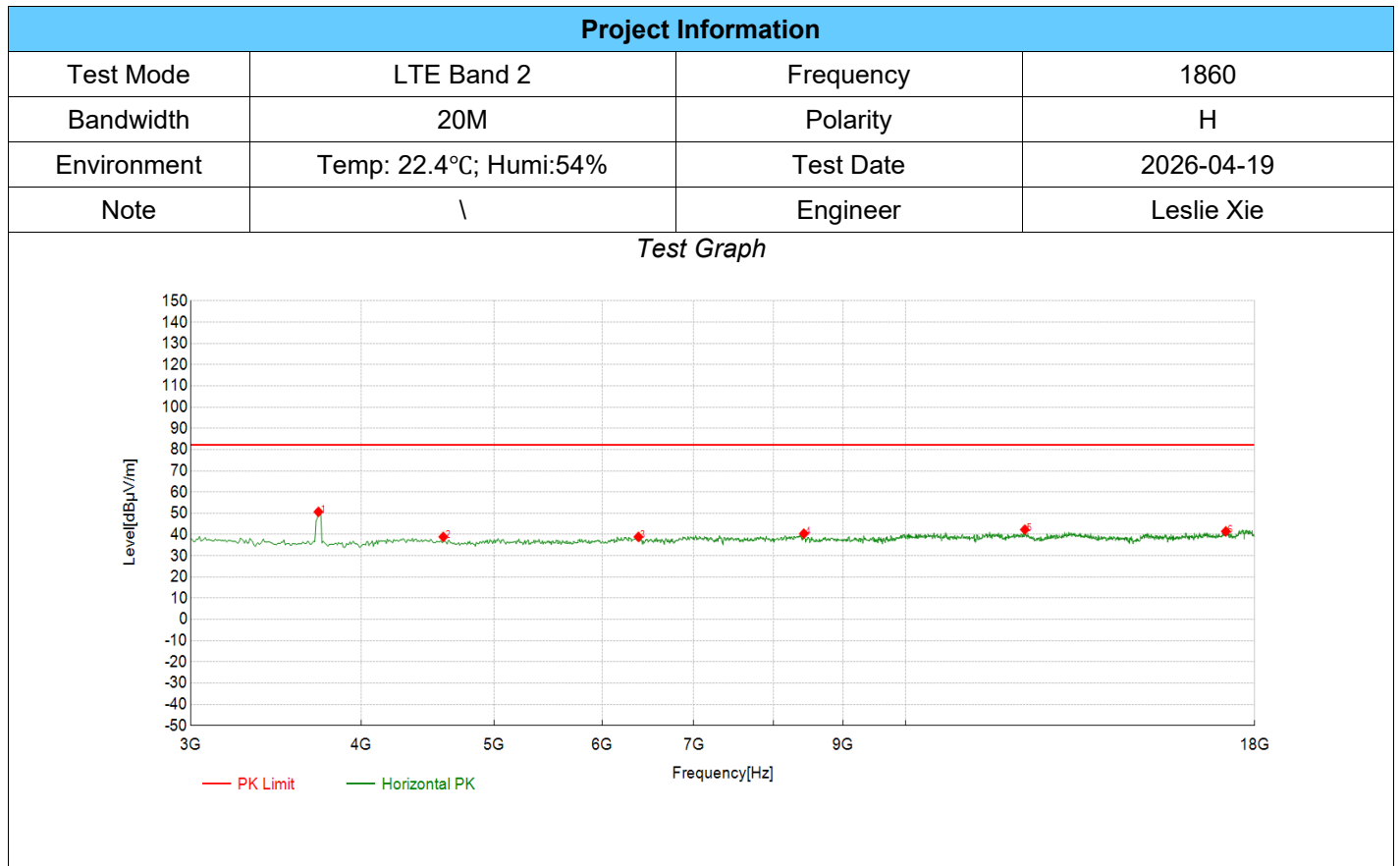


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1201.10	45.53	49.98	4.45	82.25	32.27	PK	Vertical	PASS
2	1547.27	45.94	50.91	4.97	82.25	31.34	PK	Vertical	PASS
3	1891.45	99.93	108.17	8.24	\	\	\	\	FUNDAMENTAL
4	1980.49	57.70	67.53	9.83	82.25	14.72	PK	Vertical	PASS
5	2530.77	48.32	58.11	9.79	82.25	24.14	PK	Vertical	PASS
6	2829.91	47.88	59.07	11.19	82.25	23.18	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

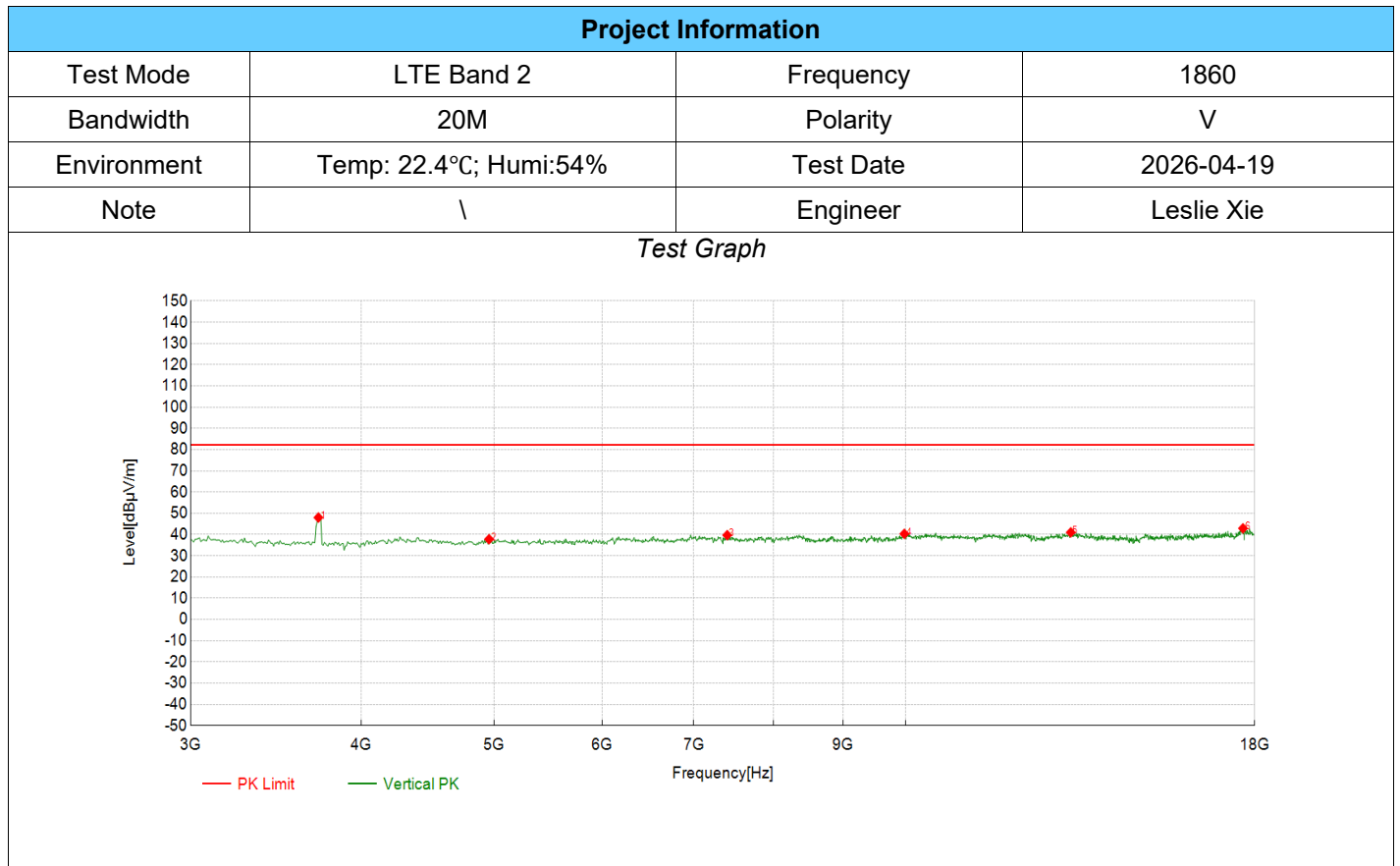


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3720.36	69.76	50.71	-19.05	82.25	31.54	PK	Horizontal	PASS
2	4590.80	57.23	38.91	-18.32	82.25	43.34	PK	Horizontal	PASS
3	6376.69	55.23	38.92	-16.31	82.25	43.33	PK	Horizontal	PASS
4	8425.21	53.01	40.41	-12.60	82.25	41.84	PK	Horizontal	PASS
5	12222.11	52.23	42.32	-9.91	82.25	39.93	PK	Horizontal	PASS
6	17144.57	48.49	41.47	-7.02	82.25	40.78	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

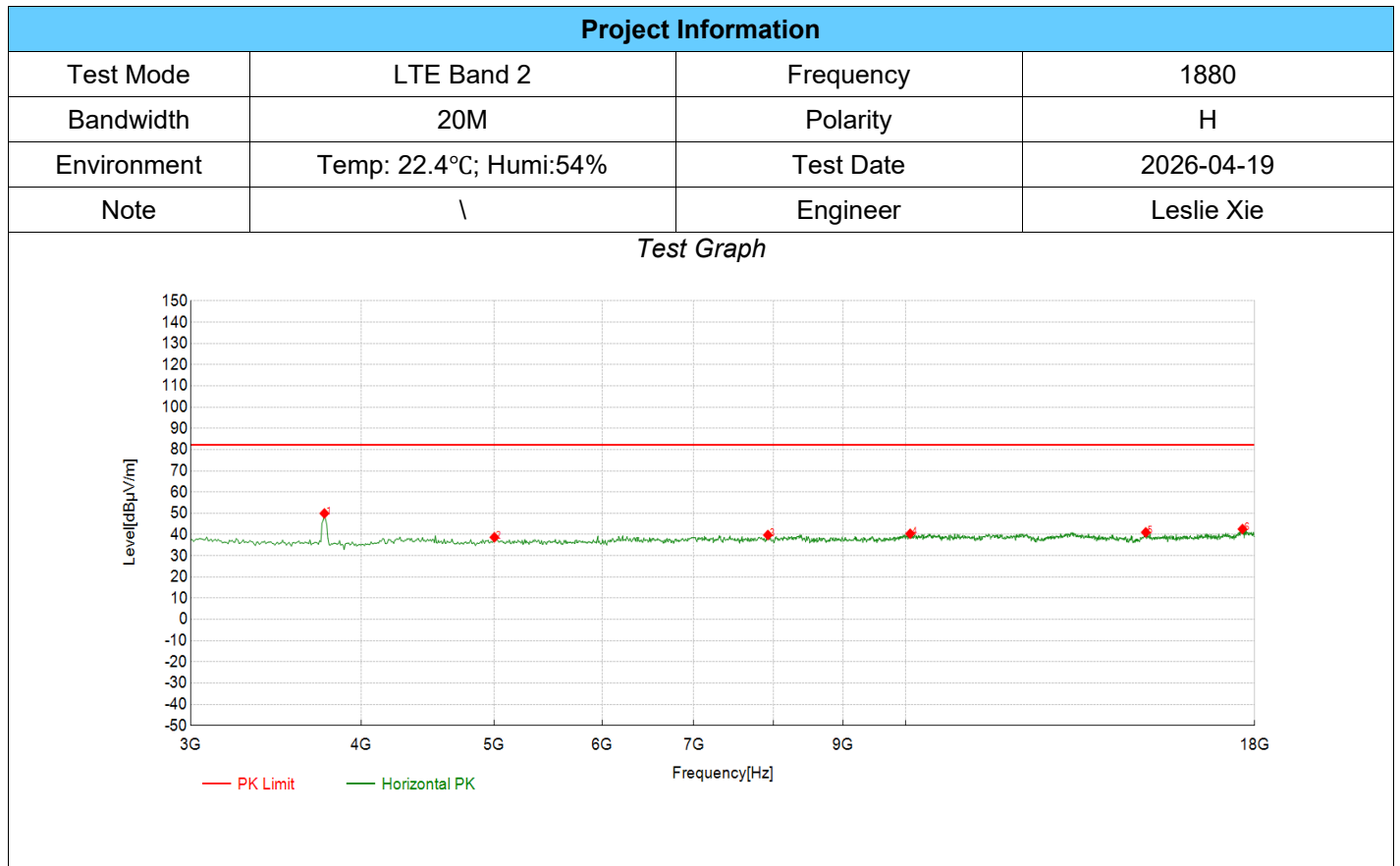


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3720.36	67.07	48.02	-19.05	82.25	34.23	PK	Vertical	PASS
2	4958.48	55.56	37.82	-17.74	82.25	44.43	PK	Vertical	PASS
3	7404.70	54.86	39.72	-15.14	82.25	42.53	PK	Vertical	PASS
4	9978.49	51.12	40.33	-10.79	82.25	41.92	PK	Vertical	PASS
5	13205.10	51.83	41.01	-10.82	82.25	41.24	PK	Vertical	PASS
6	17647.32	47.94	42.91	-5.03	82.25	39.34	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

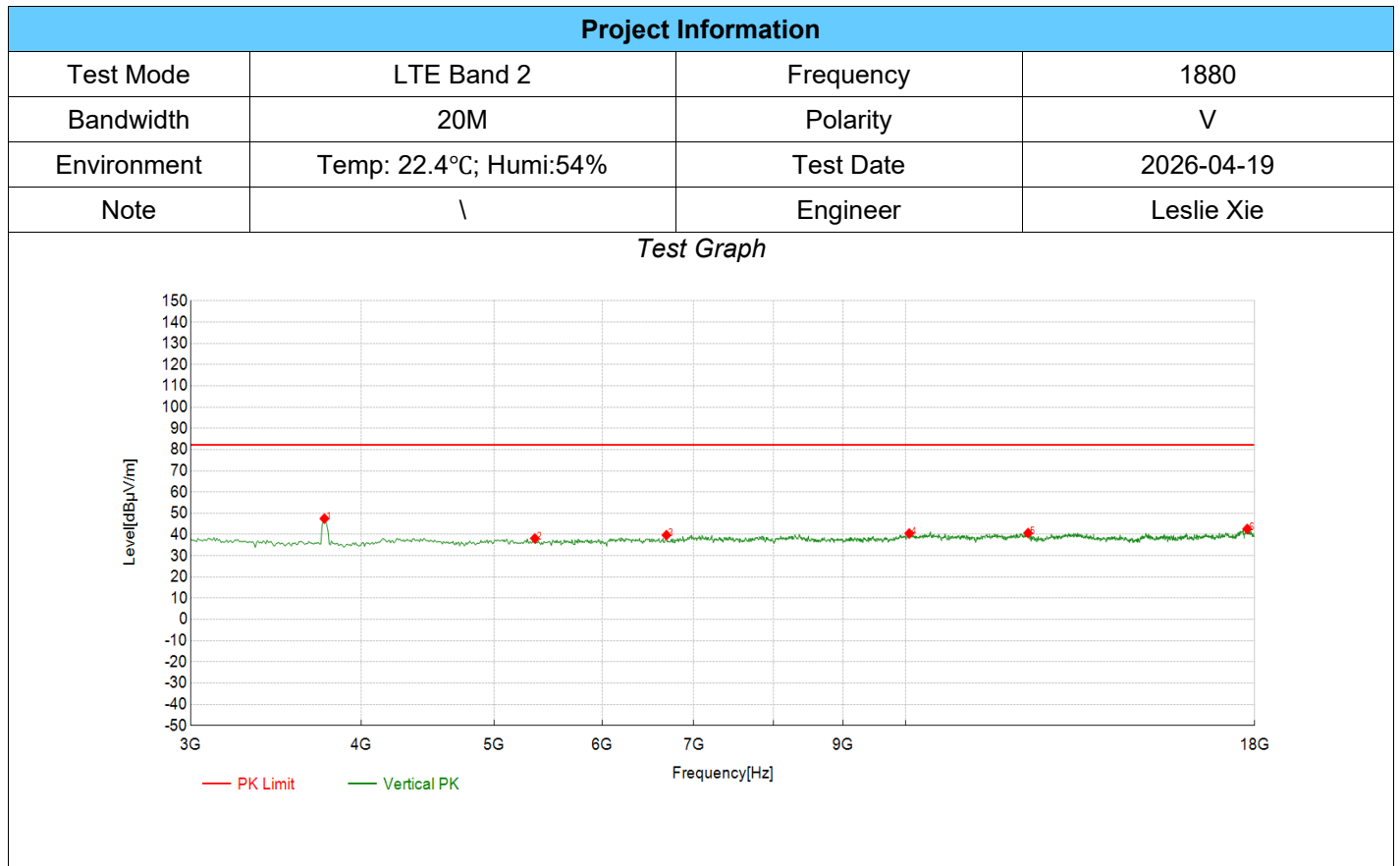


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3757.88	69.05	49.95	-19.10	82.25	32.30	PK	Horizontal	PASS
2	5003.50	56.24	38.71	-17.53	82.25	43.54	PK	Horizontal	PASS
3	7929.96	54.74	39.78	-14.96	82.25	42.47	PK	Horizontal	PASS
4	10076.04	51.28	40.38	-10.90	82.25	41.87	PK	Horizontal	PASS
5	14983.49	50.33	41.03	-9.30	82.25	41.22	PK	Horizontal	PASS
6	17632.32	47.61	42.59	-5.02	82.25	39.66	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

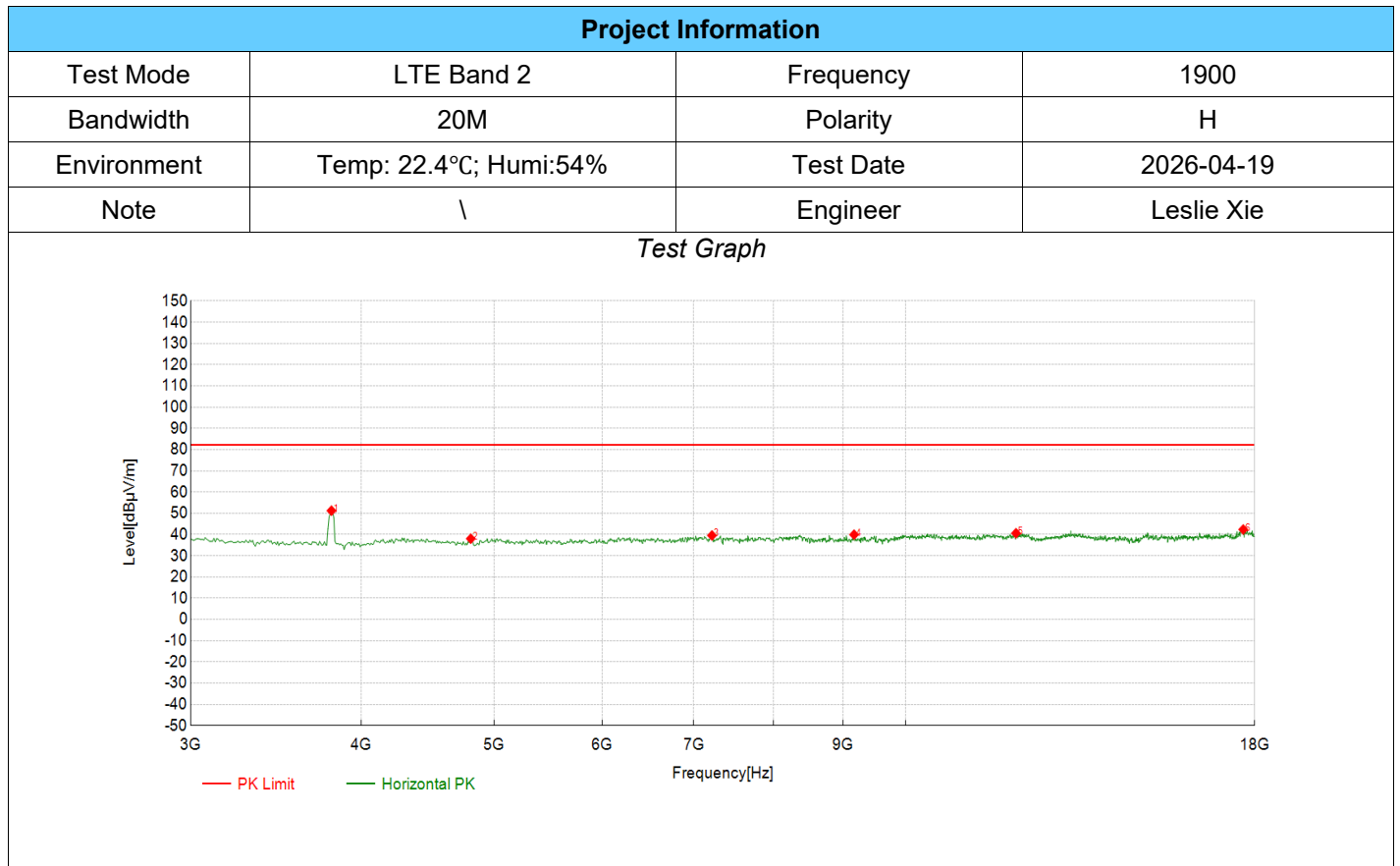


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3757.88	66.61	47.51	-19.10	82.25	34.74	PK	Vertical	PASS
2	5356.18	55.64	38.19	-17.45	82.25	44.06	PK	Vertical	PASS
3	6684.34	55.68	39.73	-15.95	82.25	42.52	PK	Vertical	PASS
4	10061.03	51.38	40.53	-10.85	82.25	41.72	PK	Vertical	PASS
5	12289.64	51.04	40.71	-10.33	82.25	41.54	PK	Vertical	PASS
6	17774.89	47.76	42.65	-5.11	82.25	39.60	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

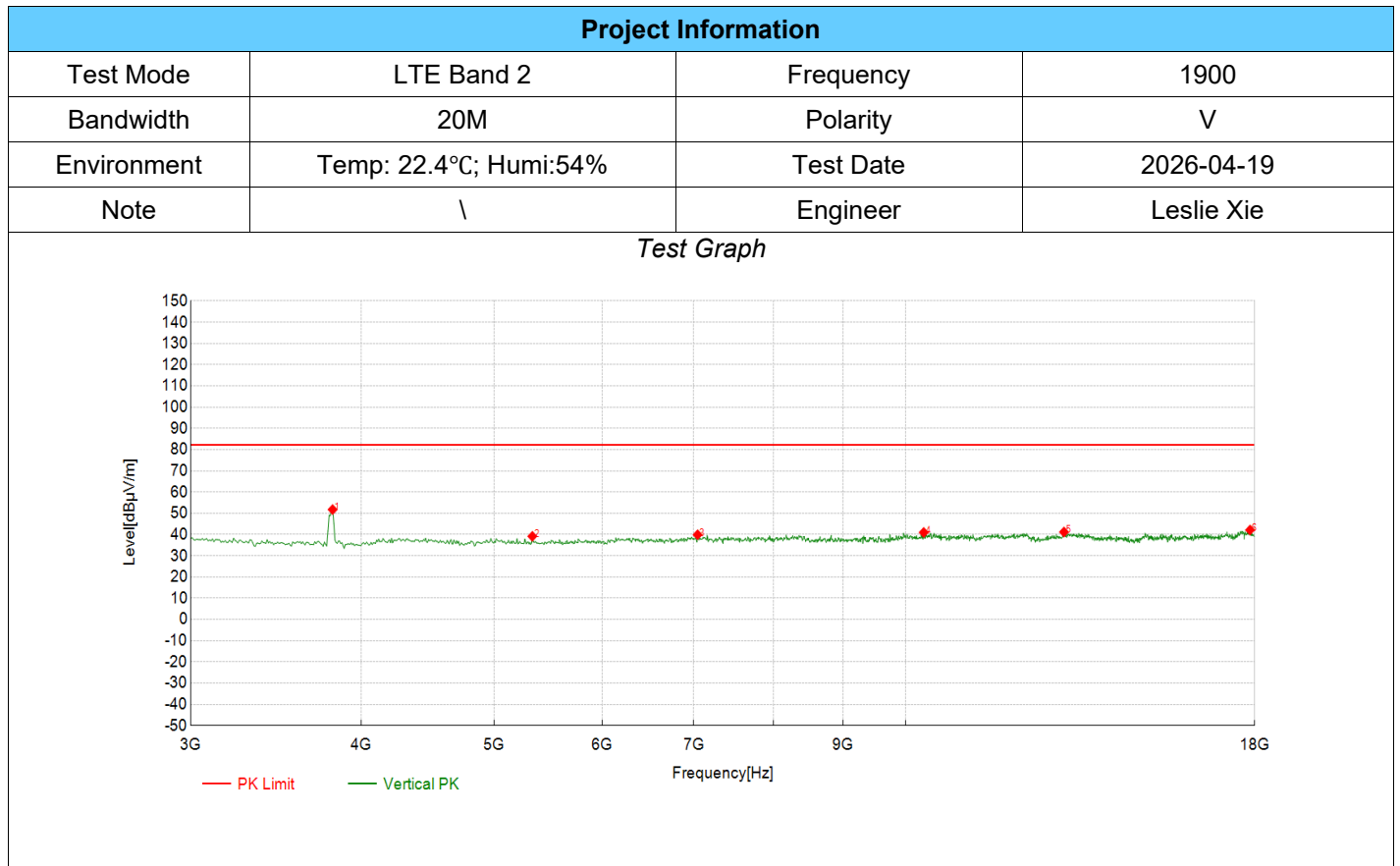


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3802.90	70.41	51.25	-19.16	82.25	31.00	PK	Horizontal	PASS
2	4808.40	56.60	38.05	-18.55	82.25	44.20	PK	Horizontal	PASS
3	7217.11	54.82	39.59	-15.23	82.25	42.66	PK	Horizontal	PASS
4	9168.08	51.98	39.95	-12.03	82.25	42.30	PK	Horizontal	PASS
5	12042.02	50.26	40.61	-9.65	82.25	41.64	PK	Horizontal	PASS
6	17654.83	47.41	42.38	-5.03	82.25	39.87	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

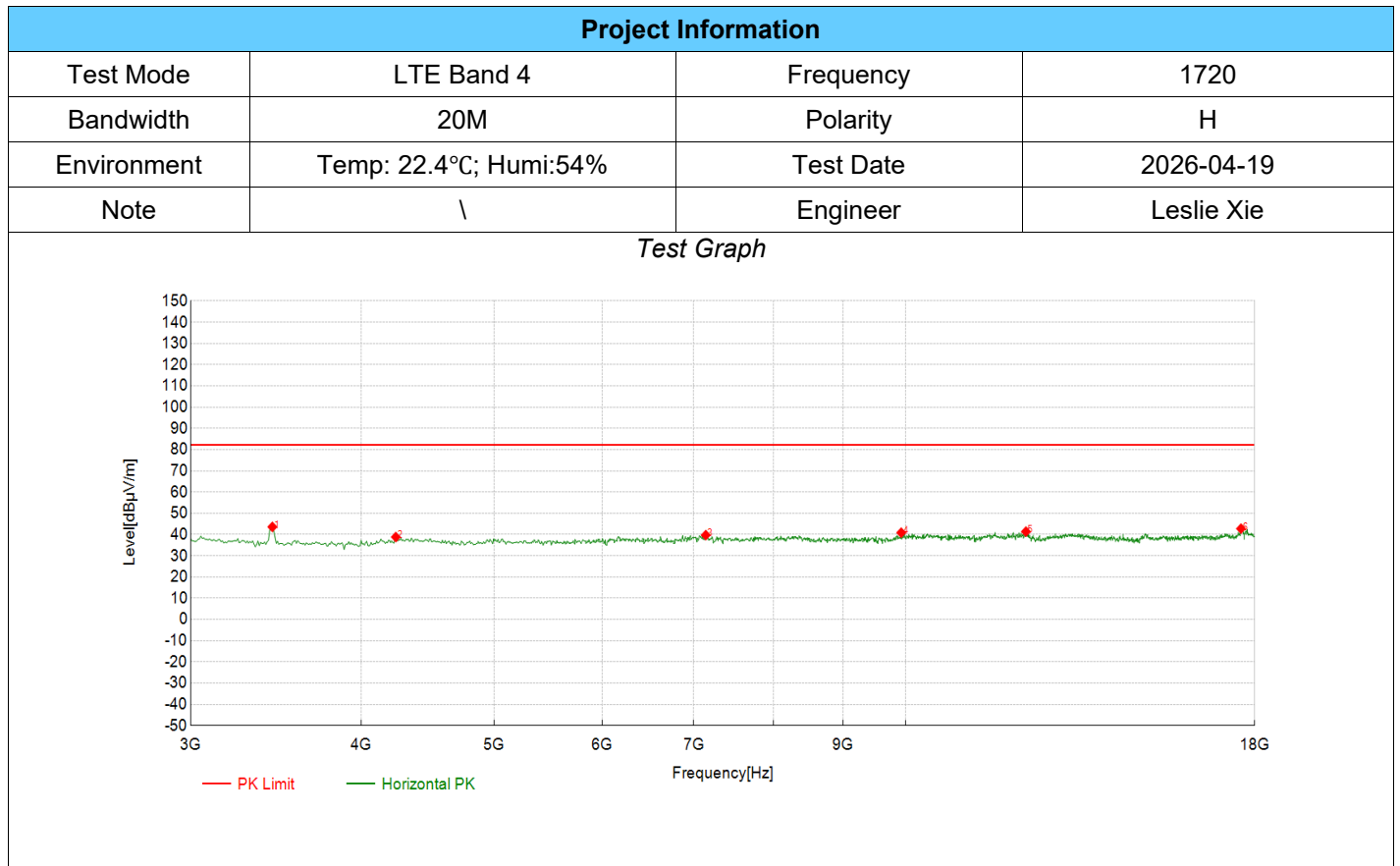


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3810.41	70.95	51.78	-19.17	82.25	30.47	PK	Vertical	PASS
2	5333.67	56.76	39.19	-17.57	82.25	43.06	PK	Vertical	PASS
3	7044.52	54.84	39.93	-14.91	82.25	42.32	PK	Vertical	PASS
4	10308.65	51.39	40.99	-10.40	82.25	41.26	PK	Vertical	PASS
5	13055.03	52.58	41.21	-11.37	82.25	41.04	PK	Vertical	PASS
6	17857.43	47.49	42.16	-5.33	82.25	40.09	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

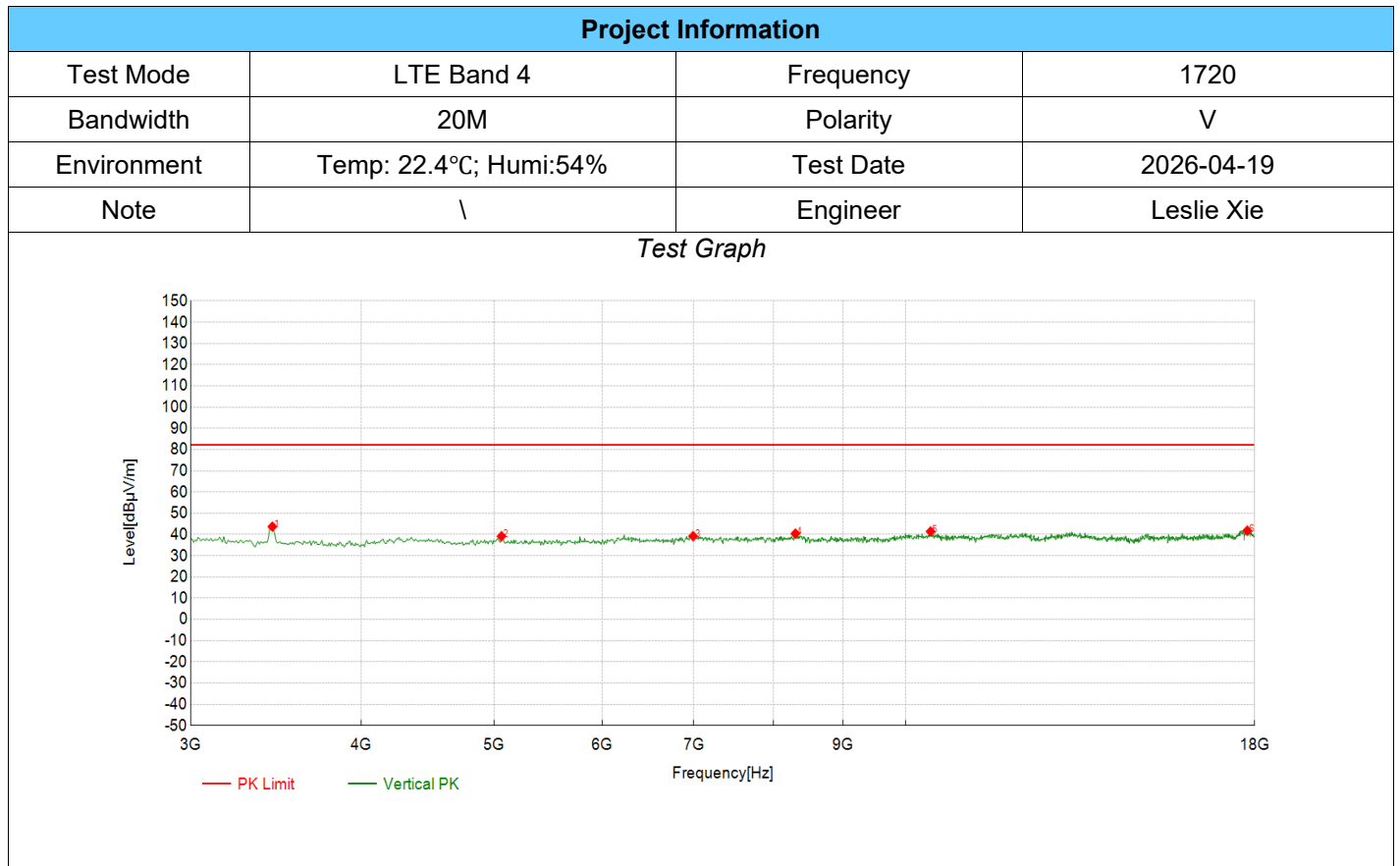


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3442.72	62.45	43.61	-18.84	82.25	38.64	PK	Horizontal	PASS
2	4238.12	56.42	38.84	-17.58	82.25	43.41	PK	Horizontal	PASS
3	7142.07	54.86	39.75	-15.11	82.25	42.50	PK	Horizontal	PASS
4	9925.96	52.03	40.88	-11.15	82.25	41.37	PK	Horizontal	PASS
5	12244.62	51.42	41.38	-10.04	82.25	40.87	PK	Horizontal	PASS
6	17587.29	47.96	42.78	-5.18	82.25	39.47	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

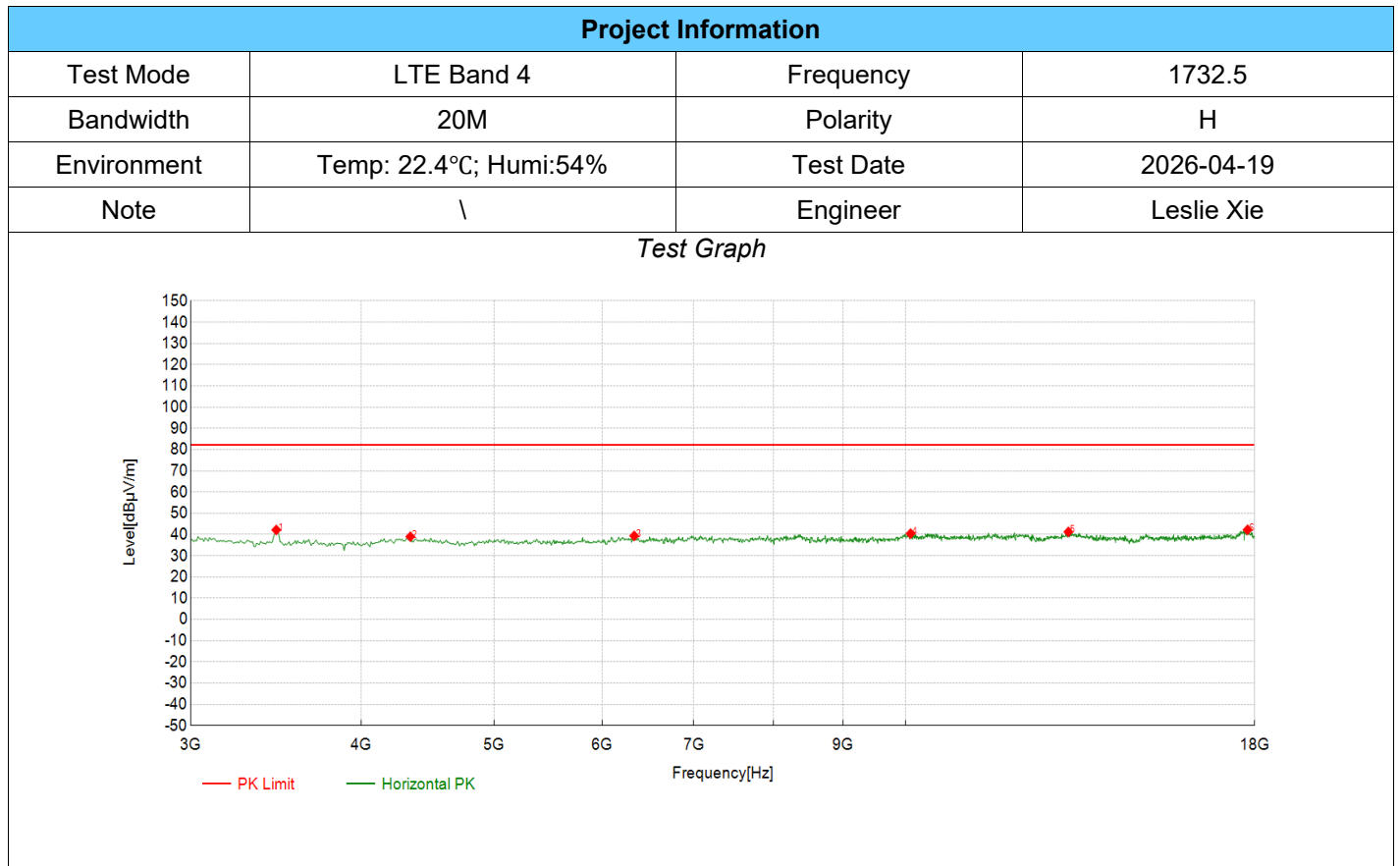


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3442.72	62.58	43.74	-18.84	82.25	38.51	PK	Vertical	PASS
2	5063.53	56.98	39.22	-17.76	82.25	43.03	PK	Vertical	PASS
3	6992.00	54.12	39.27	-14.85	82.25	42.98	PK	Vertical	PASS
4	8305.15	53.75	40.42	-13.33	82.25	41.83	PK	Vertical	PASS
5	10428.71	51.05	41.44	-9.61	82.25	40.81	PK	Vertical	PASS
6	17774.89	46.95	41.84	-5.11	82.25	40.41	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

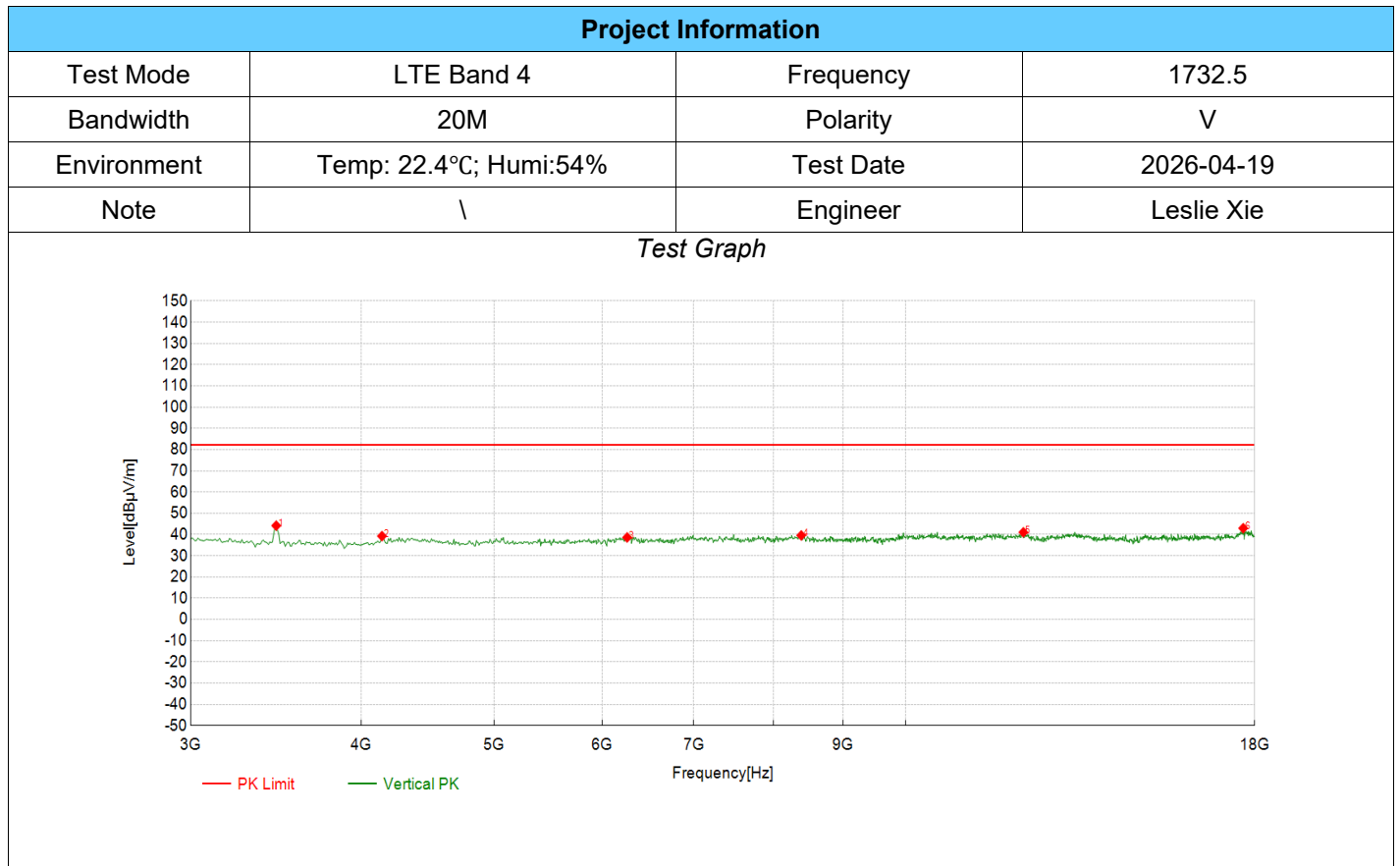


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3465.23	61.05	42.19	-18.86	82.25	40.06	PK	Horizontal	PASS
2	4343.17	56.86	39.03	-17.83	82.25	43.22	PK	Horizontal	PASS
3	6331.67	55.66	39.37	-16.29	82.25	42.88	PK	Horizontal	PASS
4	10083.54	51.39	40.46	-10.93	82.25	41.79	PK	Horizontal	PASS
5	13152.58	52.29	41.29	-11.00	82.25	40.96	PK	Horizontal	PASS
6	17782.39	47.36	42.26	-5.10	82.25	39.99	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

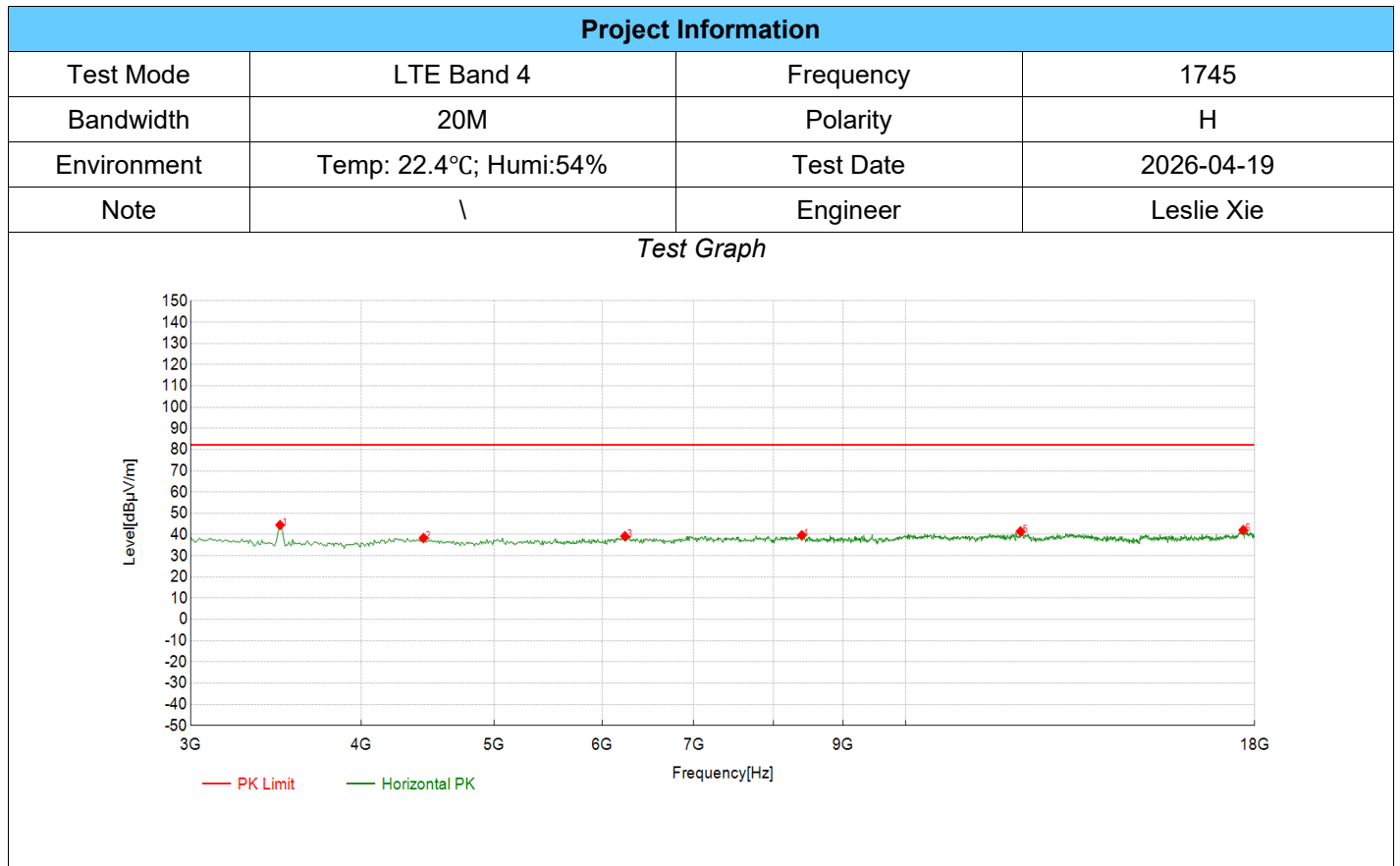


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3465.23	63.06	44.20	-18.86	82.25	38.05	PK	Vertical	PASS
2	4140.57	57.40	39.28	-18.12	82.25	42.97	PK	Vertical	PASS
3	6256.63	54.91	38.65	-16.26	82.25	43.60	PK	Vertical	PASS
4	8387.69	52.18	39.61	-12.57	82.25	42.64	PK	Vertical	PASS
5	12192.10	50.82	41.07	-9.75	82.25	41.18	PK	Vertical	PASS
6	17654.83	48.01	42.98	-5.03	82.25	39.27	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

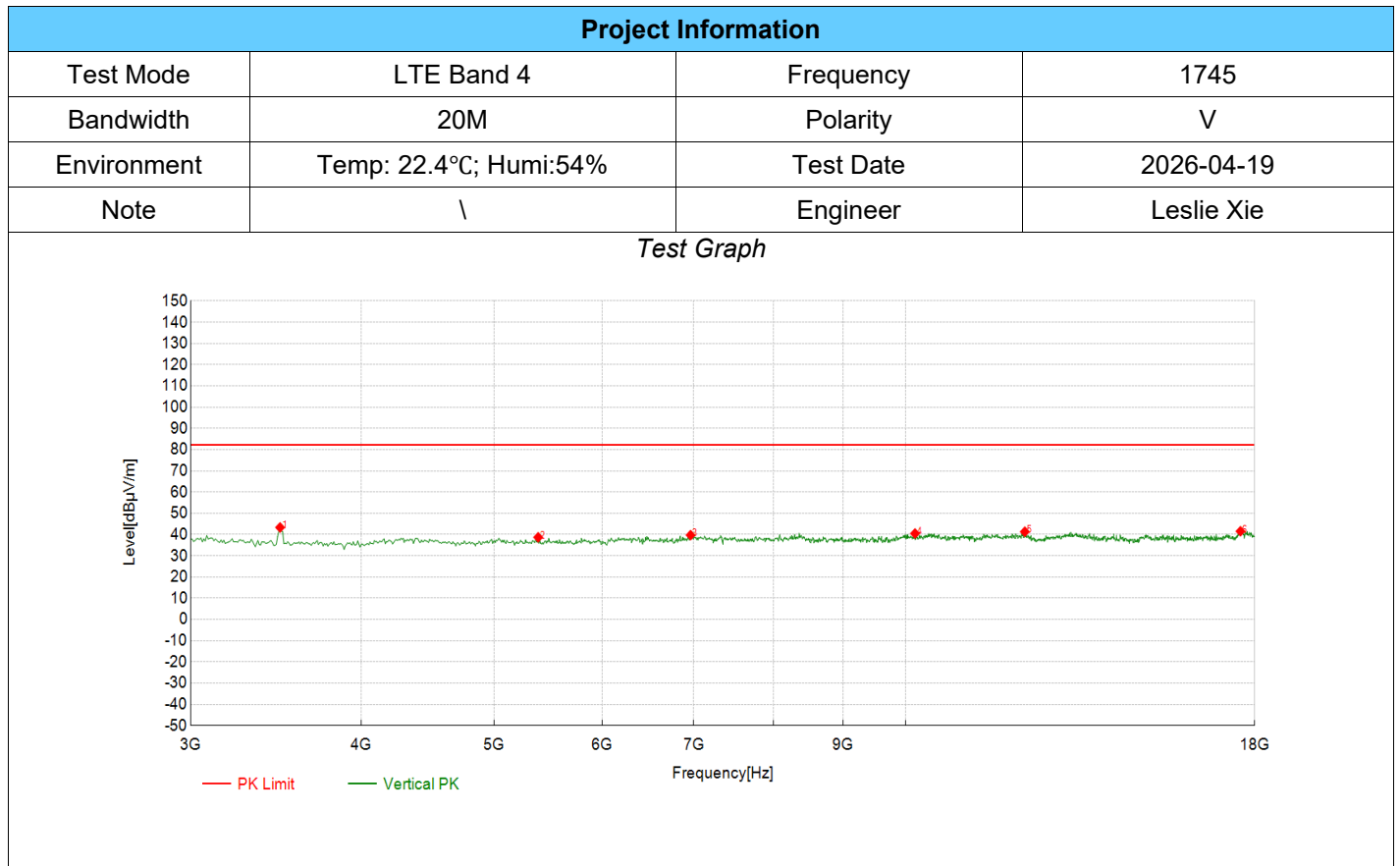


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3487.74	63.39	44.50	-18.89	82.25	37.75	PK	Horizontal	PASS
2	4440.72	56.36	38.35	-18.01	82.25	43.90	PK	Horizontal	PASS
3	6234.12	55.47	39.22	-16.25	82.25	43.03	PK	Horizontal	PASS
4	8395.20	52.14	39.63	-12.51	82.25	42.62	PK	Horizontal	PASS
5	12132.07	51.19	41.47	-9.72	82.25	40.78	PK	Horizontal	PASS
6	17654.83	47.14	42.11	-5.03	82.25	40.14	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

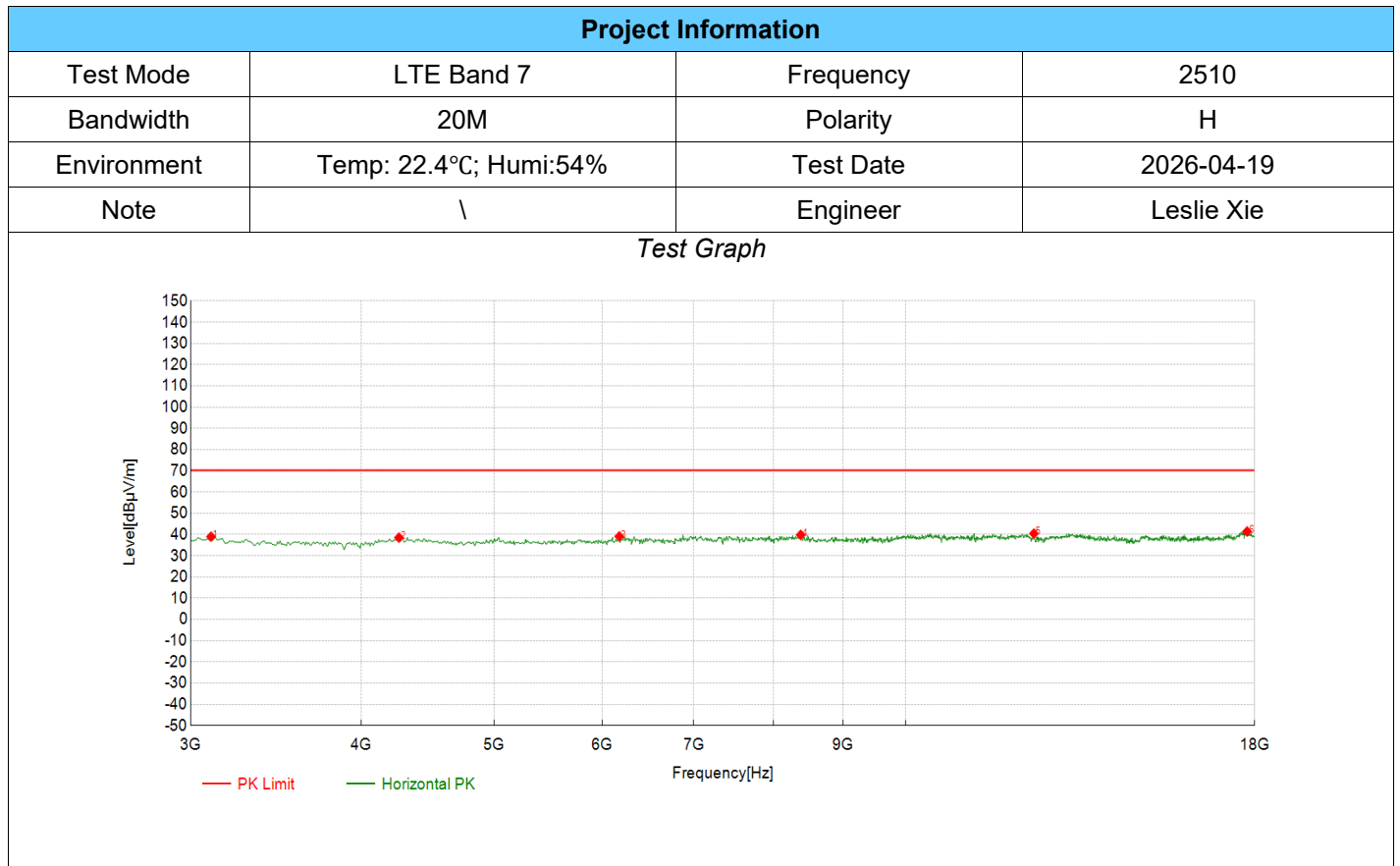


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3487.74	62.25	43.36	-18.89	82.25	38.89	PK	Vertical	PASS
2	5386.19	56.01	38.72	-17.29	82.25	43.53	PK	Vertical	PASS
3	6961.98	54.74	39.75	-14.99	82.25	42.50	PK	Vertical	PASS
4	10158.58	51.69	40.50	-11.19	82.25	41.75	PK	Vertical	PASS
5	12222.11	51.23	41.32	-9.91	82.25	40.93	PK	Vertical	PASS
6	17572.29	46.97	41.56	-5.41	82.25	40.69	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

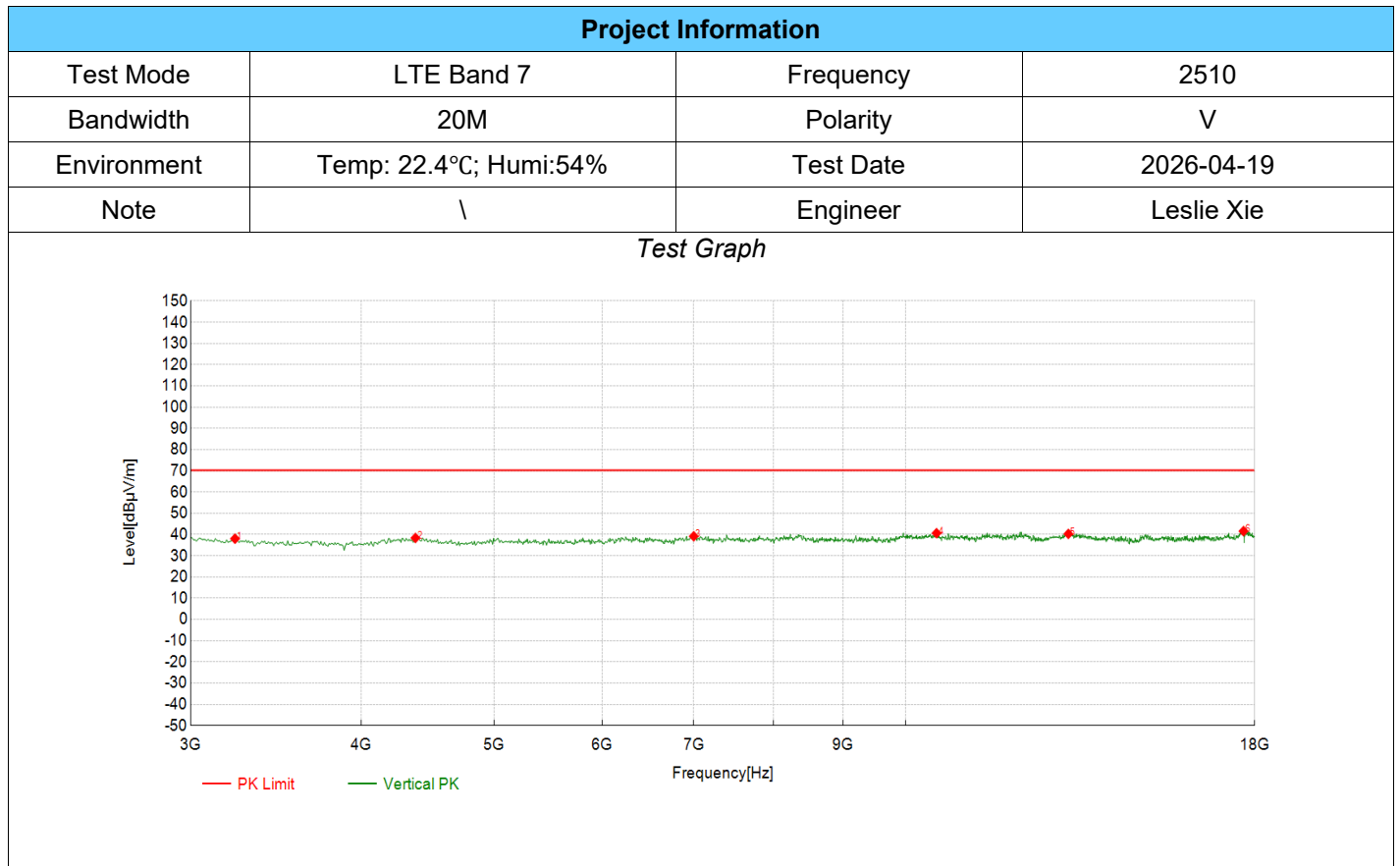


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3105.05	56.87	39.03	-17.84	70.25	31.22	PK	Horizontal	PASS
2	4260.63	56.22	38.57	-17.65	70.25	31.68	PK	Horizontal	PASS
3	6174.09	55.50	39.14	-16.36	70.25	31.11	PK	Horizontal	PASS
4	8380.19	52.51	39.86	-12.65	70.25	30.39	PK	Horizontal	PASS
5	12409.70	51.54	40.47	-11.07	70.25	29.78	PK	Horizontal	PASS
6	17767.38	46.54	41.44	-5.10	70.25	28.81	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

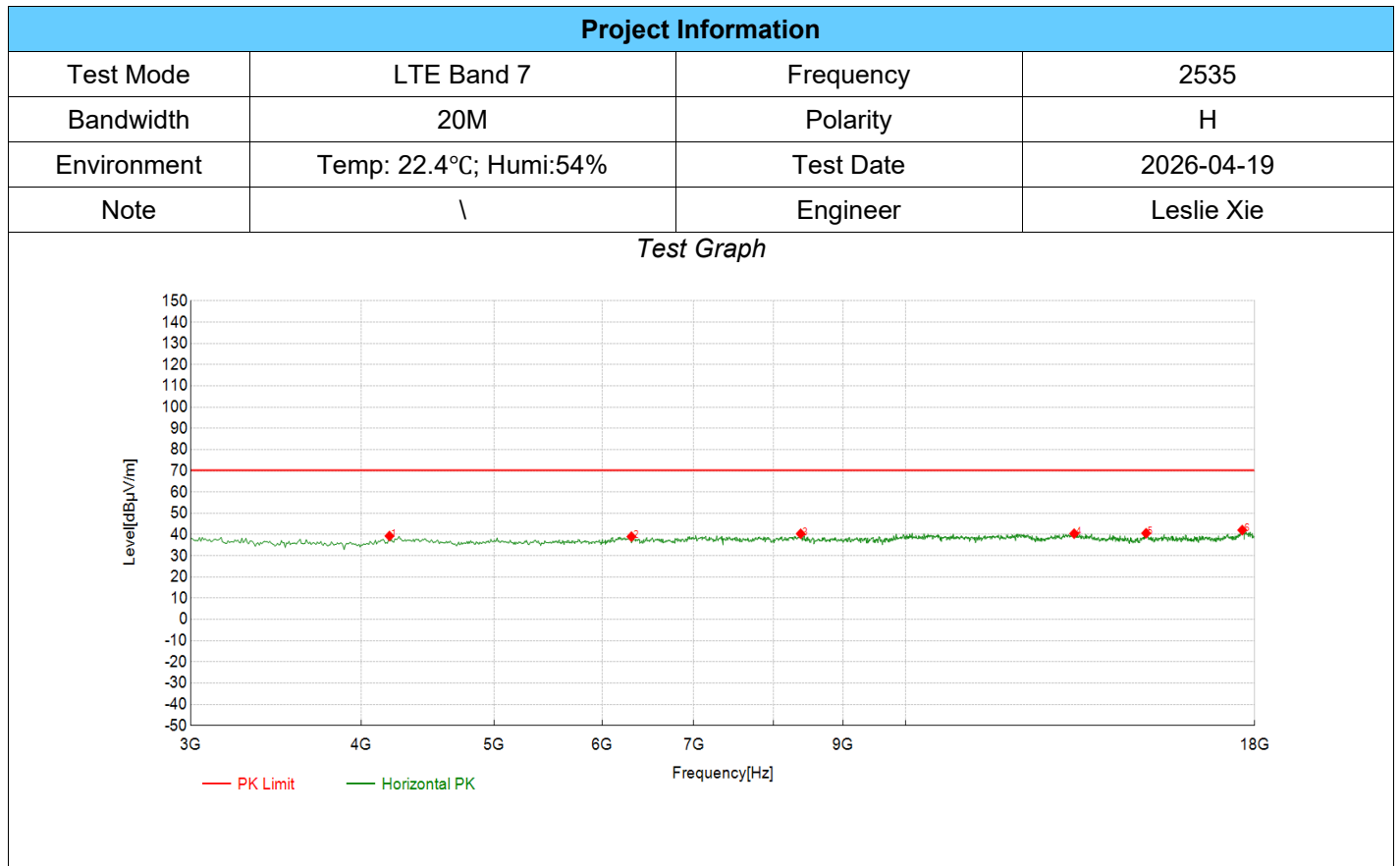


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3232.62	56.51	38.06	-18.45	70.25	32.19	PK	Vertical	PASS
2	4380.69	56.33	38.42	-17.91	70.25	31.83	PK	Vertical	PASS
3	6999.50	54.02	39.20	-14.82	70.25	31.05	PK	Vertical	PASS
4	10533.77	50.19	40.65	-9.54	70.25	29.60	PK	Vertical	PASS
5	13152.58	51.32	40.32	-11.00	70.25	29.93	PK	Vertical	PASS
6	17662.33	46.66	41.62	-5.04	70.25	28.63	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

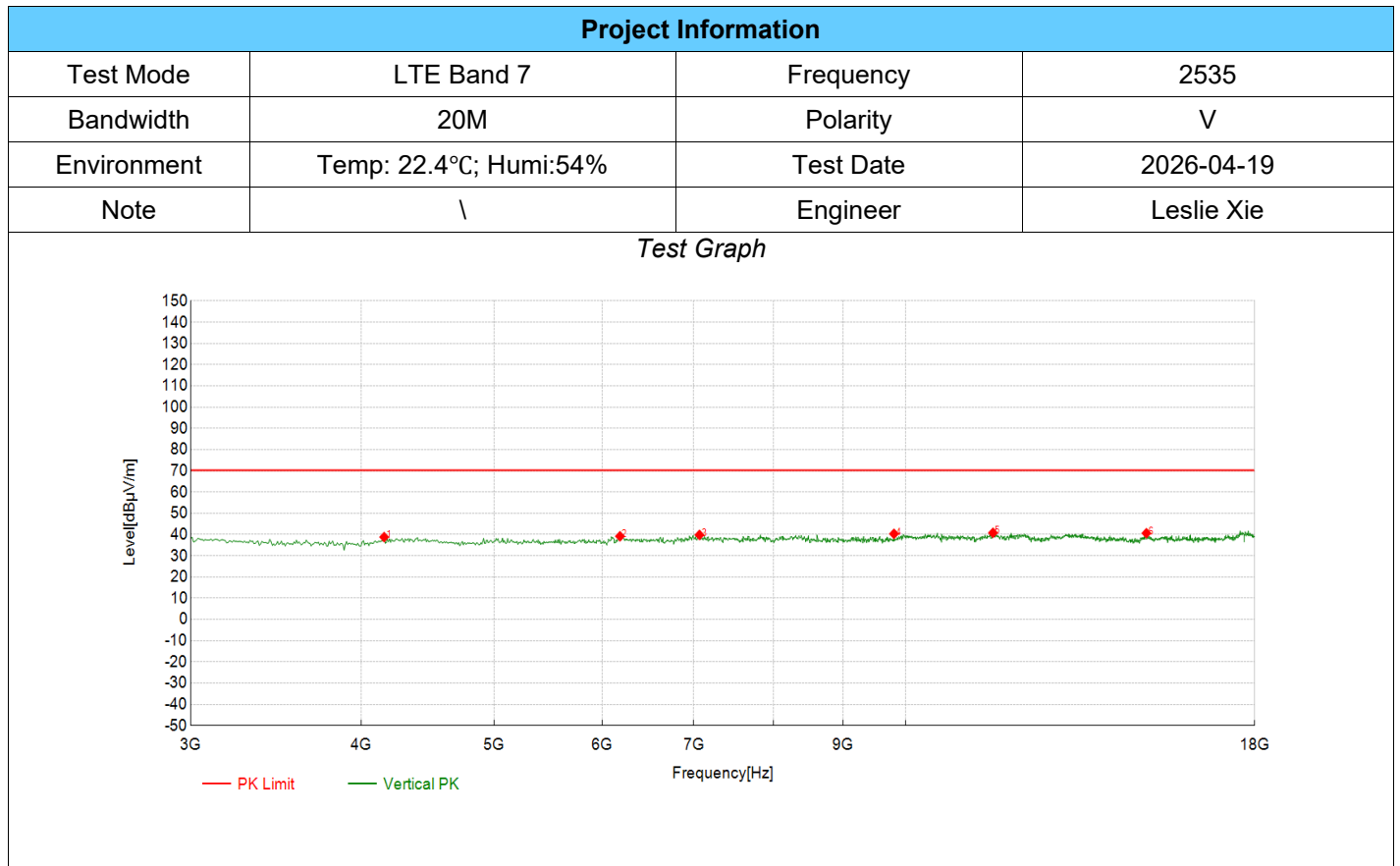


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4193.10	56.89	39.31	-17.58	70.25	30.94	PK	Horizontal	PASS
2	6301.65	55.31	39.03	-16.28	70.25	31.22	PK	Horizontal	PASS
3	8380.19	53.02	40.37	-12.65	70.25	29.88	PK	Horizontal	PASS
4	13280.14	51.43	40.42	-11.01	70.25	29.83	PK	Horizontal	PASS
5	14991.00	49.90	40.62	-9.28	70.25	29.63	PK	Horizontal	PASS
6	17624.81	47.11	42.09	-5.02	70.25	28.16	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

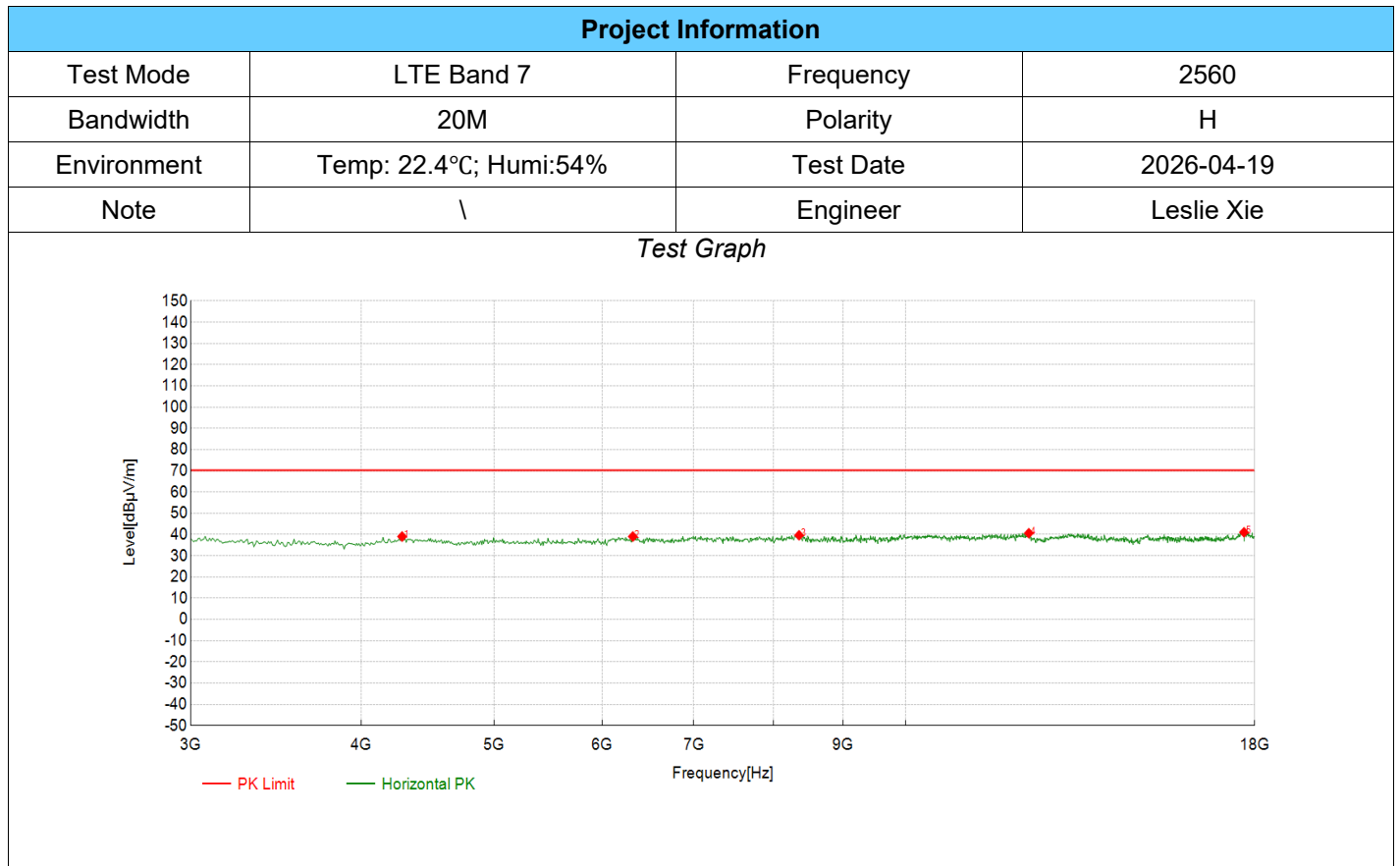


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4155.58	56.79	38.82	-17.97	70.25	31.43	PK	Vertical	PASS
2	6181.59	55.51	39.19	-16.32	70.25	31.06	PK	Vertical	PASS
3	7067.03	54.81	39.84	-14.97	70.25	30.41	PK	Vertical	PASS
4	9805.90	52.31	40.34	-11.97	70.25	29.91	PK	Vertical	PASS
5	11584.29	49.44	40.82	-8.62	70.25	29.43	PK	Vertical	PASS
6	14998.50	49.89	40.65	-9.24	70.25	29.60	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

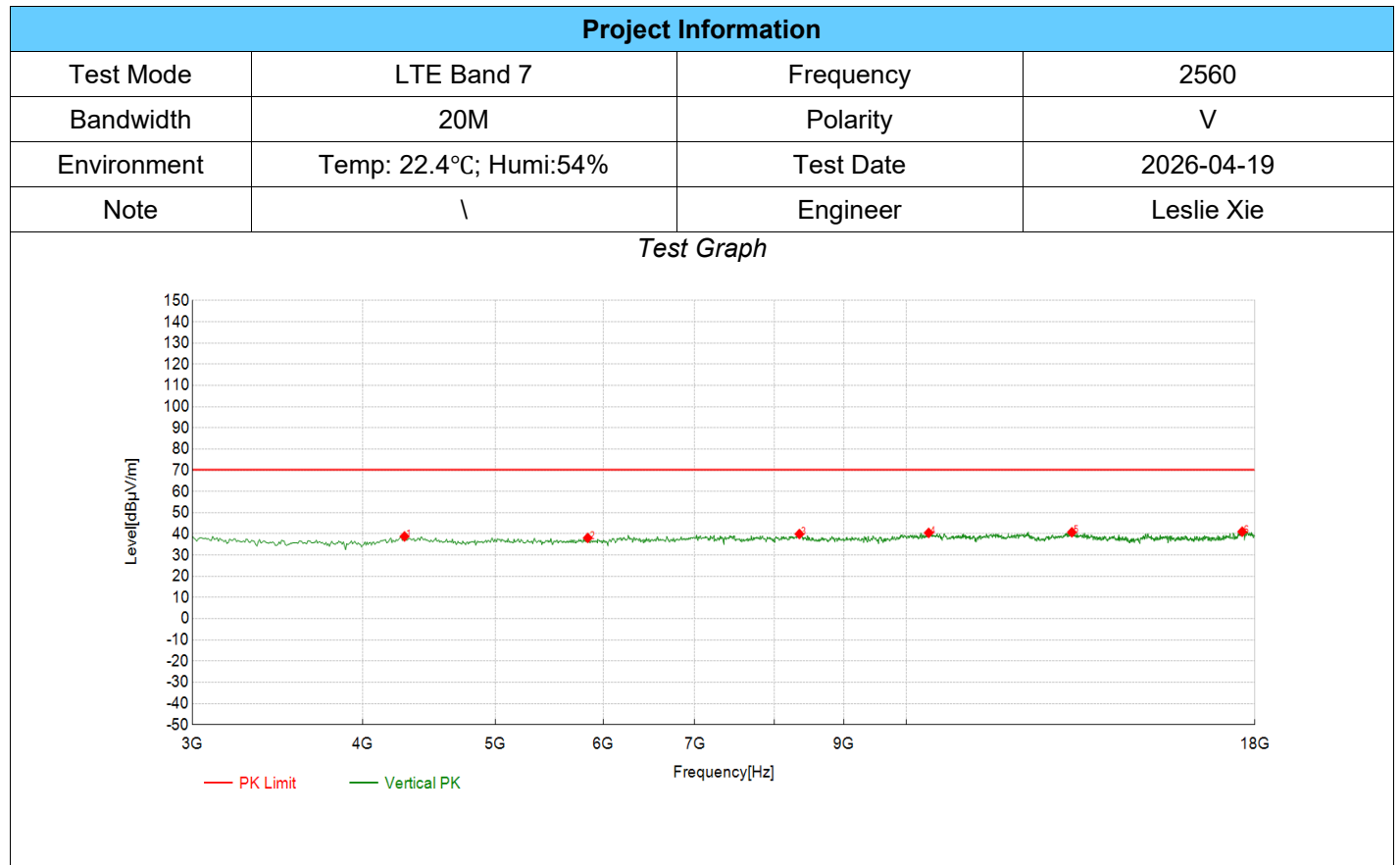


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4283.14	56.75	39.06	-17.69	70.25	31.19	PK	Horizontal	PASS
2	6316.66	55.37	39.08	-16.29	70.25	31.17	PK	Horizontal	PASS
3	8357.68	52.52	39.67	-12.85	70.25	30.58	PK	Horizontal	PASS
4	12304.65	51.07	40.64	-10.43	70.25	29.61	PK	Horizontal	PASS
5	17677.34	46.12	41.07	-5.05	70.25	29.18	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

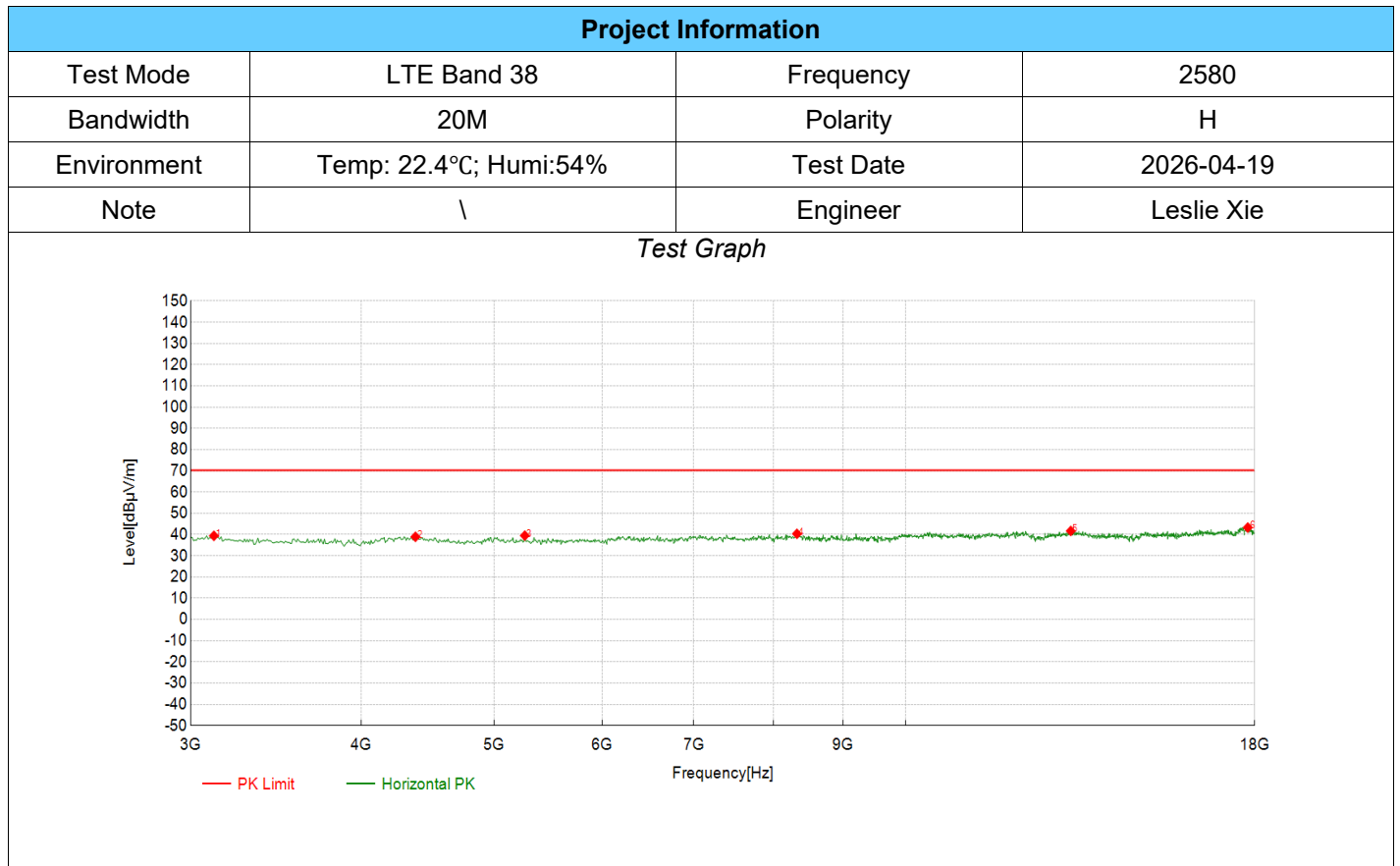


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4290.65	56.53	38.82	-17.71	70.25	31.43	PK	Vertical	PASS
2	5843.92	55.28	38.13	-17.15	70.25	32.12	PK	Vertical	PASS
3	8350.18	52.89	39.97	-12.92	70.25	30.28	PK	Vertical	PASS
4	10383.69	50.26	40.49	-9.77	70.25	29.76	PK	Vertical	PASS
5	13220.11	51.66	40.78	-10.88	70.25	29.47	PK	Vertical	PASS
6	17617.31	46.07	41.05	-5.02	70.25	29.20	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

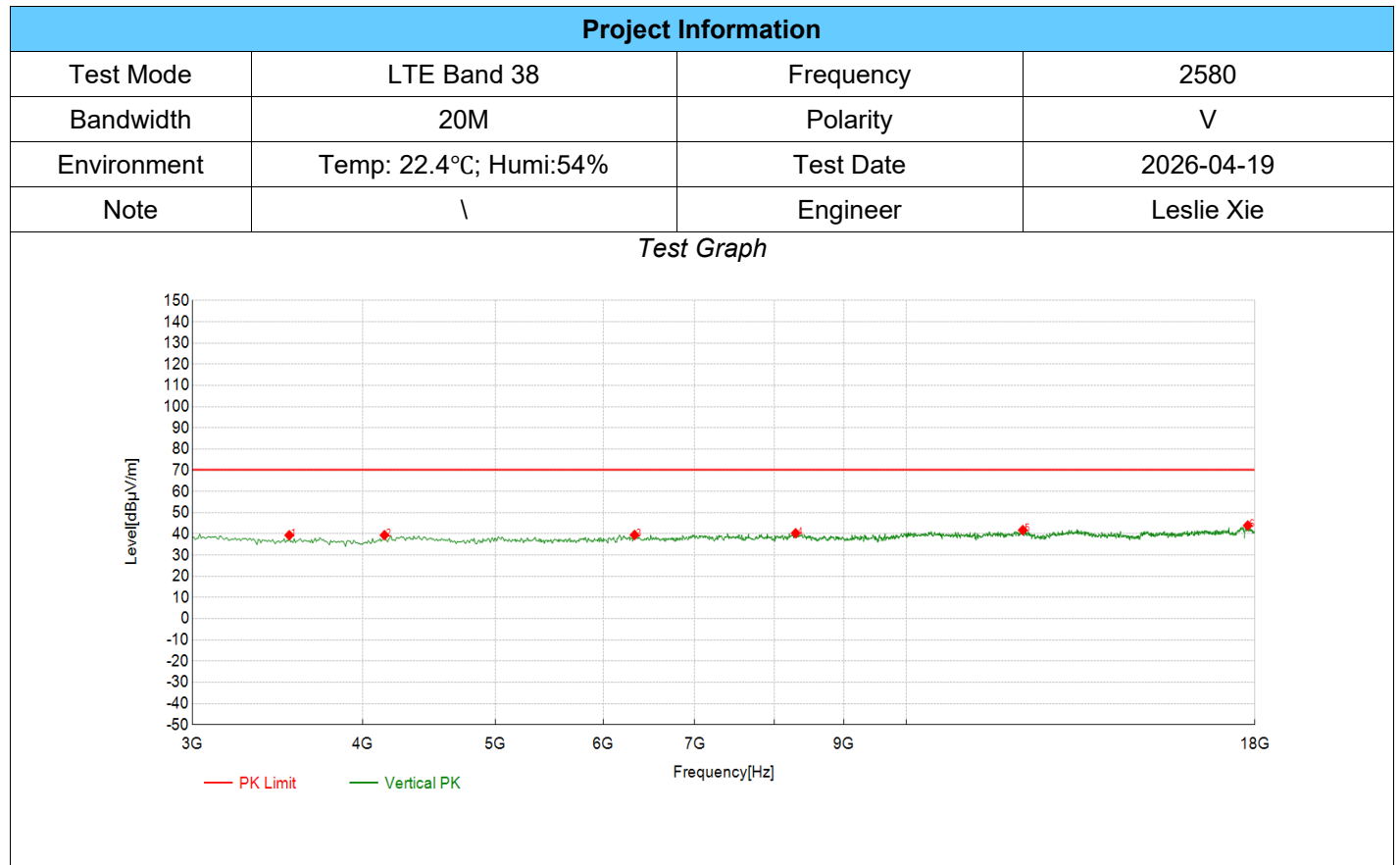


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3120.06	57.34	39.41	-17.93	70.25	30.84	PK	Horizontal	PASS
2	4380.69	56.86	38.95	-17.91	70.25	31.30	PK	Horizontal	PASS
3	5266.13	57.45	39.51	-17.94	70.25	30.74	PK	Horizontal	PASS
4	8327.66	53.48	40.35	-13.13	70.25	29.90	PK	Horizontal	PASS
5	13205.10	52.52	41.70	-10.82	70.25	28.55	PK	Horizontal	PASS
6	17789.89	48.42	43.31	-5.11	70.25	26.94	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

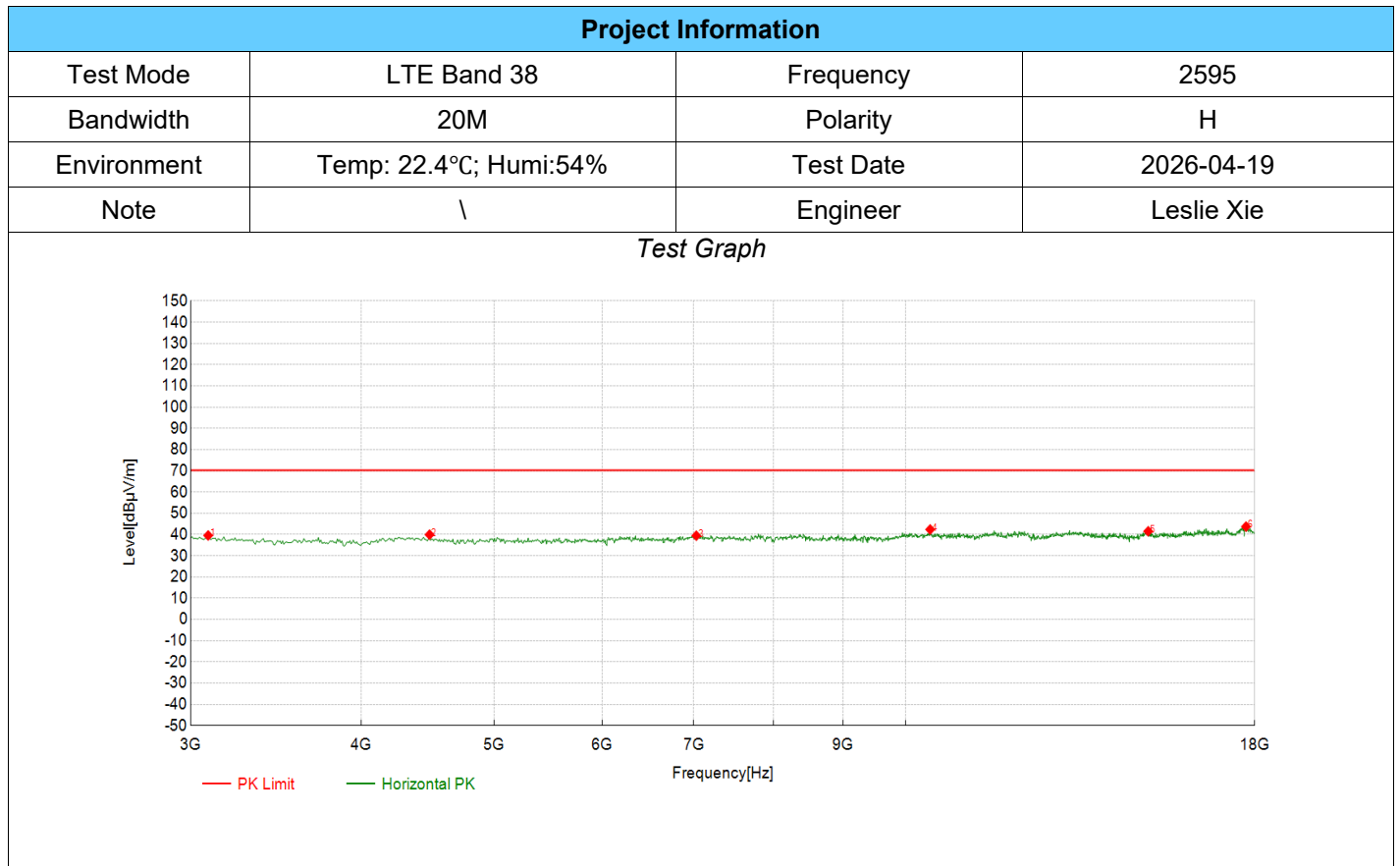


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3532.77	58.28	39.38	-18.90	70.25	30.87	PK	Vertical	PASS
2	4148.07	57.48	39.44	-18.04	70.25	30.81	PK	Vertical	PASS
3	6324.16	55.81	39.52	-16.29	70.25	30.73	PK	Vertical	PASS
4	8297.65	53.72	40.32	-13.40	70.25	29.93	PK	Vertical	PASS
5	12169.58	51.55	41.82	-9.73	70.25	28.43	PK	Vertical	PASS
6	17782.39	49.08	43.98	-5.10	70.25	26.27	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

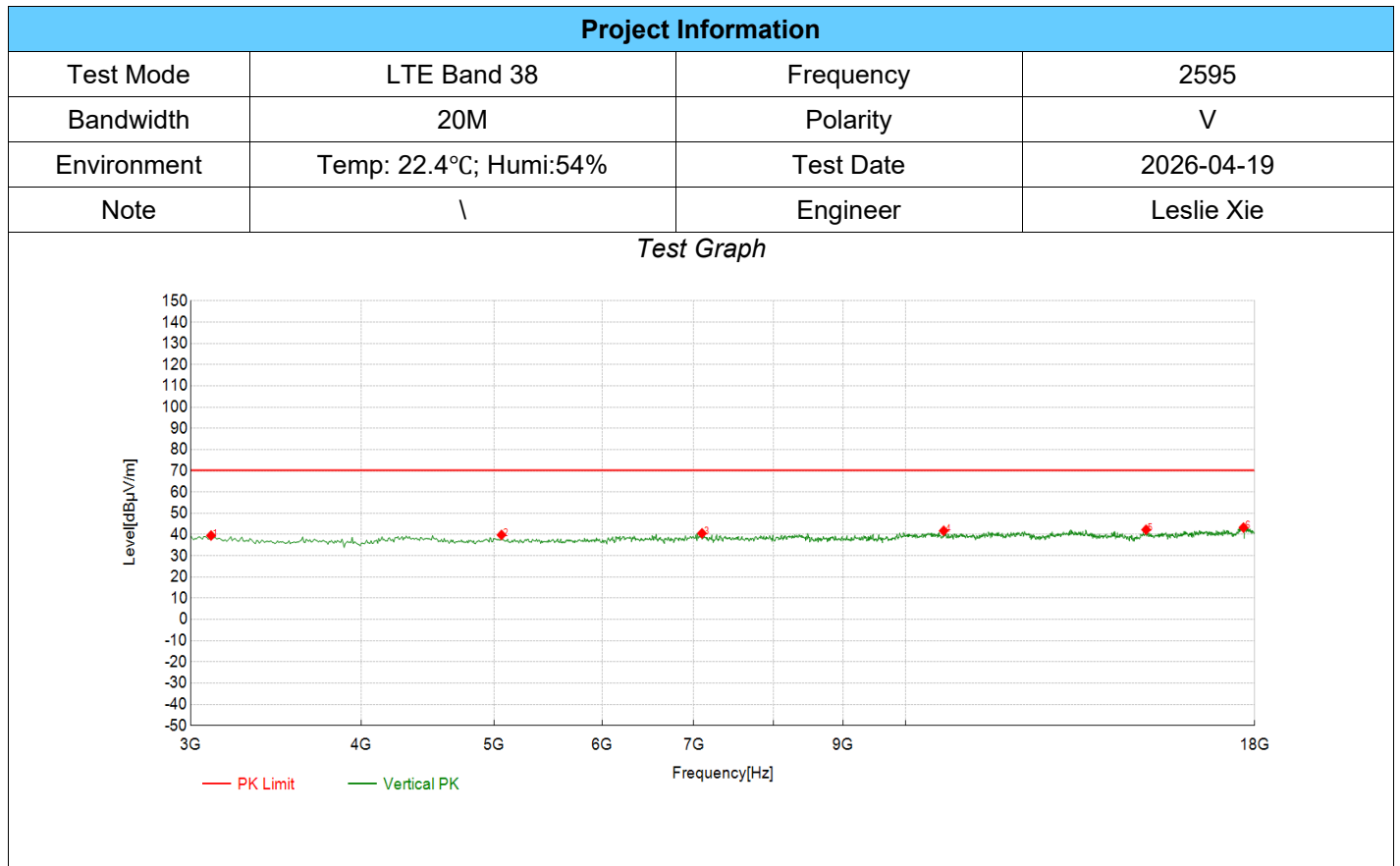


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3090.05	57.32	39.57	-17.75	70.25	30.68	PK	Horizontal	PASS
2	4485.74	58.04	39.96	-18.08	70.25	30.29	PK	Horizontal	PASS
3	7029.51	54.36	39.49	-14.87	70.25	30.76	PK	Horizontal	PASS
4	10421.21	52.02	42.40	-9.62	70.25	27.85	PK	Horizontal	PASS
5	15043.52	51.03	41.55	-9.48	70.25	28.70	PK	Horizontal	PASS
6	17737.37	48.83	43.75	-5.08	70.25	26.50	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

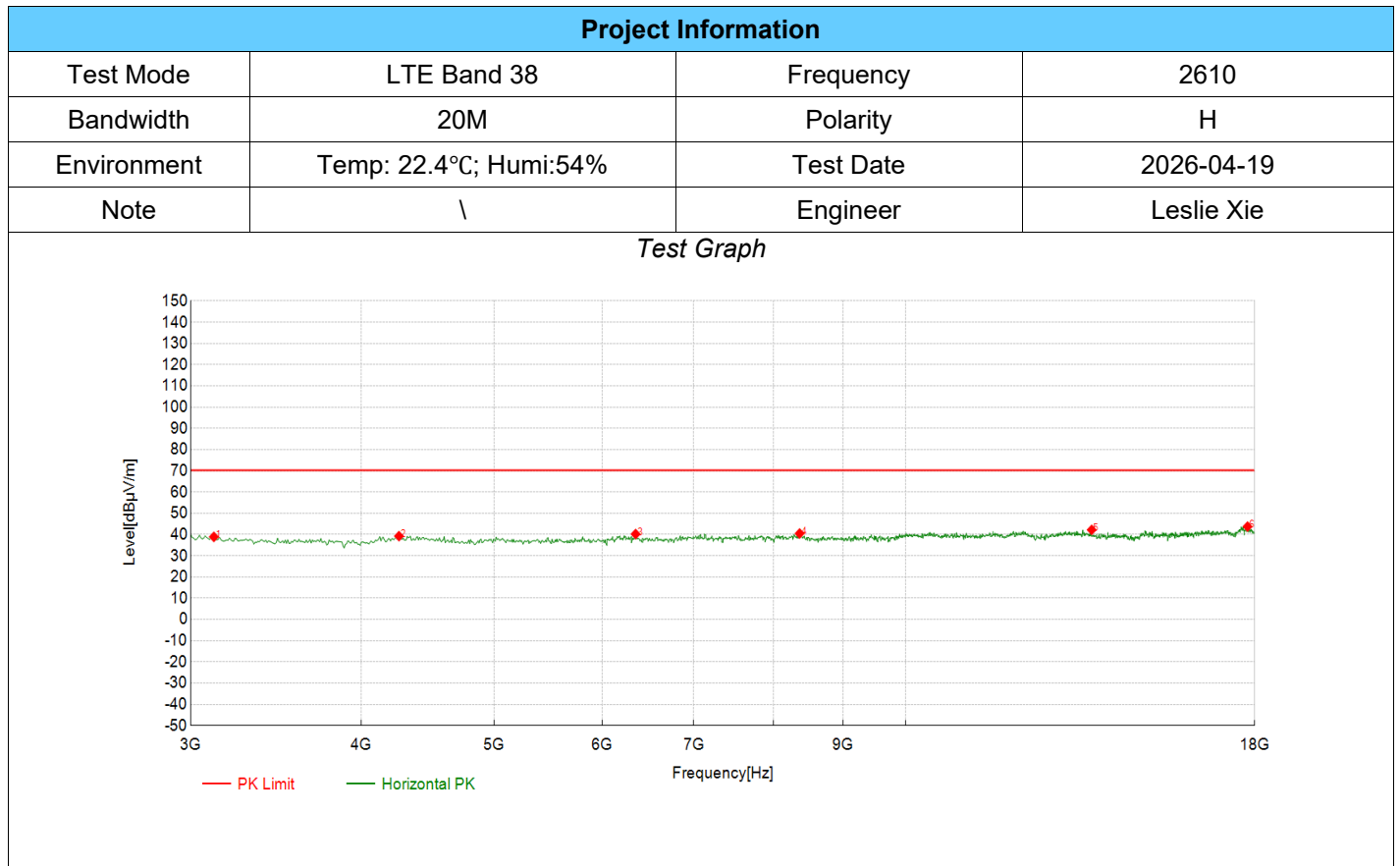


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3105.05	57.39	39.55	-17.84	70.25	30.70	PK	Vertical	PASS
2	5063.53	57.59	39.83	-17.76	70.25	30.42	PK	Vertical	PASS
3	7097.05	55.60	40.58	-15.02	70.25	29.67	PK	Vertical	PASS
4	10661.33	51.16	41.78	-9.38	70.25	28.47	PK	Vertical	PASS
5	14991.00	51.56	42.28	-9.28	70.25	27.97	PK	Vertical	PASS
6	17662.33	48.31	43.27	-5.04	70.25	26.98	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

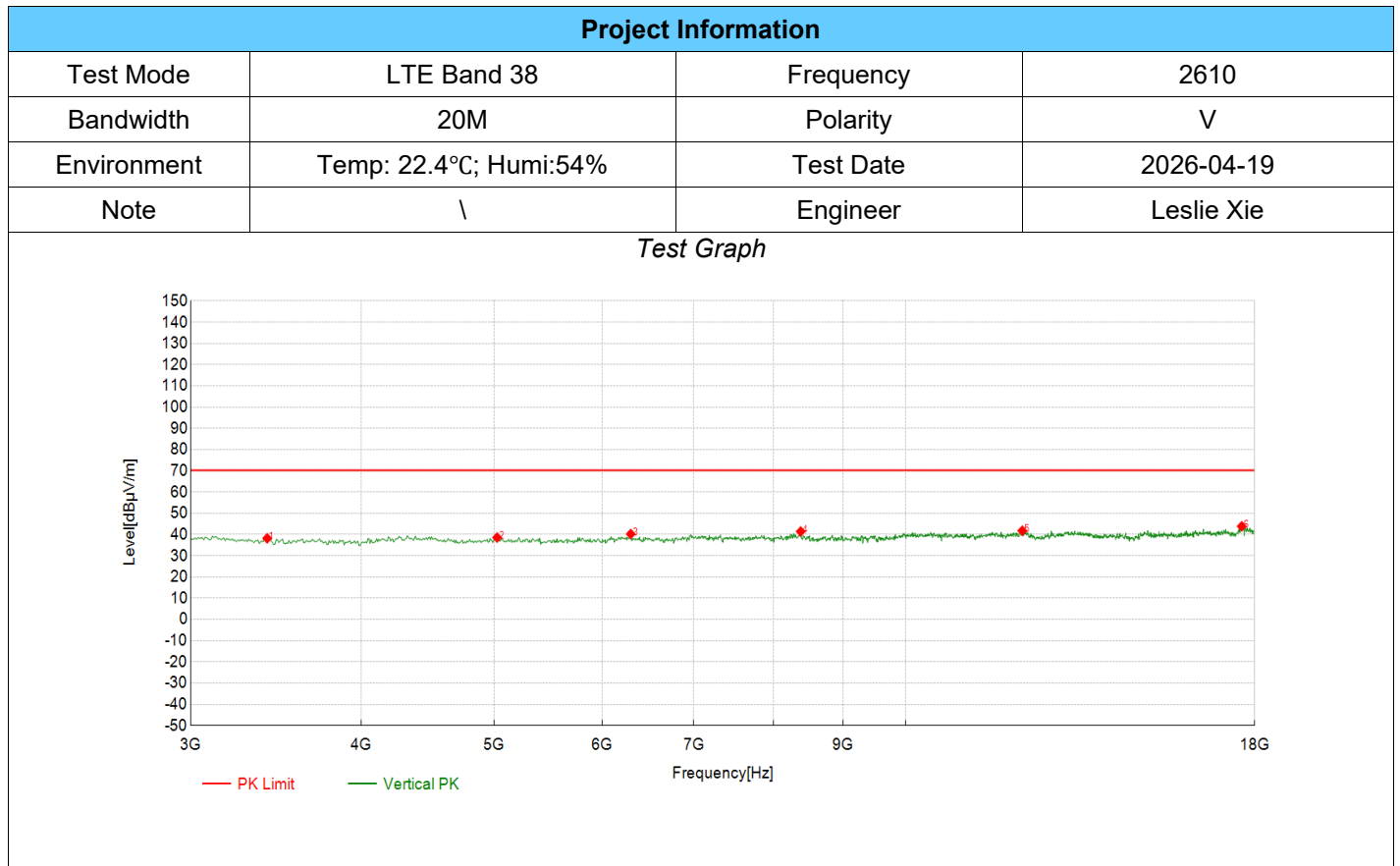


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3120.06	56.85	38.92	-17.93	70.25	31.33	PK	Horizontal	PASS
2	4260.63	56.92	39.27	-17.65	70.25	30.98	PK	Horizontal	PASS
3	6346.67	56.54	40.25	-16.29	70.25	30.00	PK	Horizontal	PASS
4	8365.18	53.27	40.49	-12.78	70.25	29.76	PK	Horizontal	PASS
5	13677.84	54.60	42.21	-12.39	70.25	28.04	PK	Horizontal	PASS
6	17782.39	48.85	43.75	-5.10	70.25	26.50	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

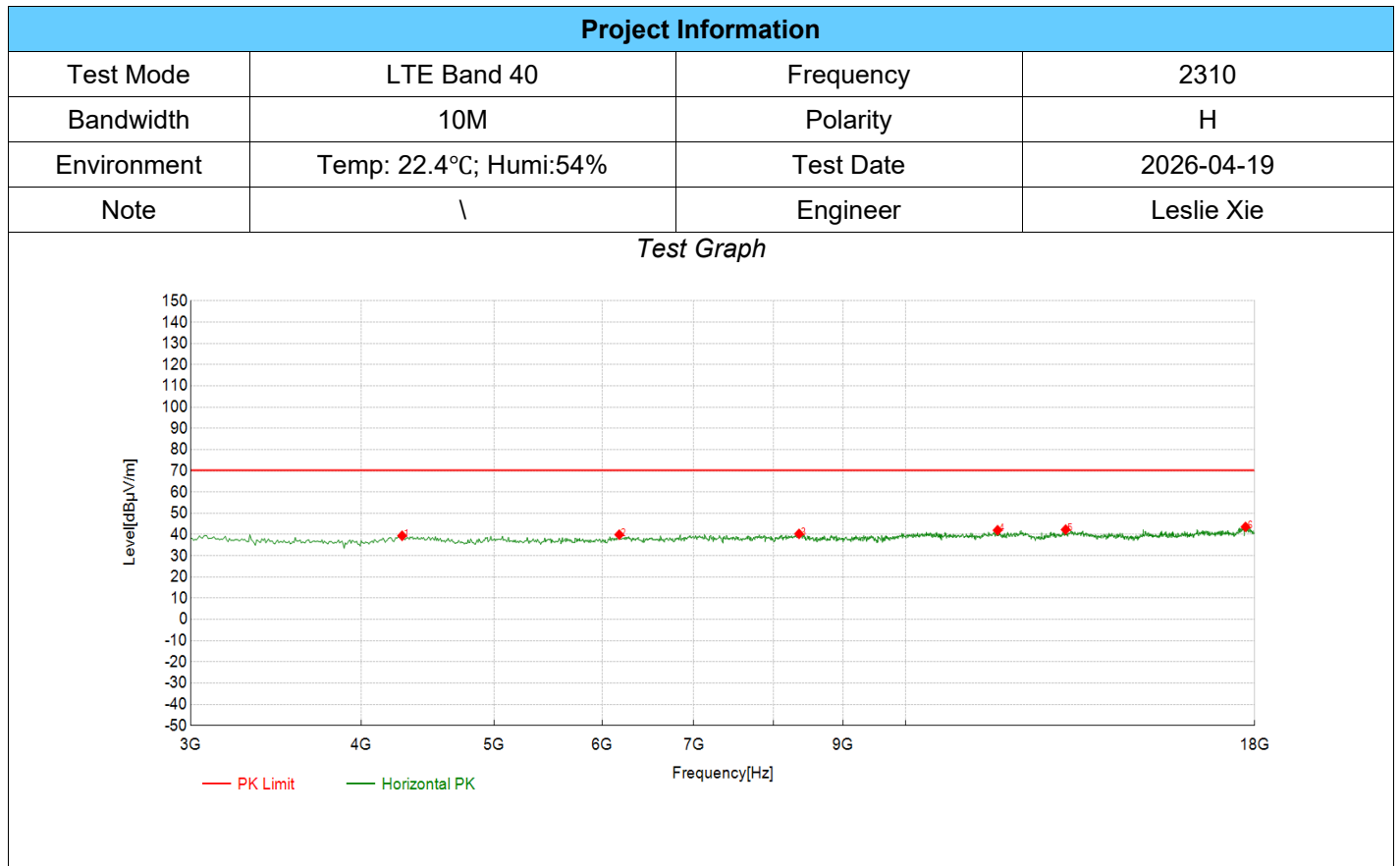


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3412.71	57.03	38.23	-18.80	70.25	32.02	PK	Vertical	PASS
2	5026.01	56.22	38.60	-17.62	70.25	31.65	PK	Vertical	PASS
3	6294.15	56.53	40.26	-16.27	70.25	29.99	PK	Vertical	PASS
4	8380.19	54.09	41.44	-12.65	70.25	28.81	PK	Vertical	PASS
5	12169.58	51.55	41.82	-9.73	70.25	28.43	PK	Vertical	PASS
6	17609.80	48.89	43.89	-5.00	70.25	26.36	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

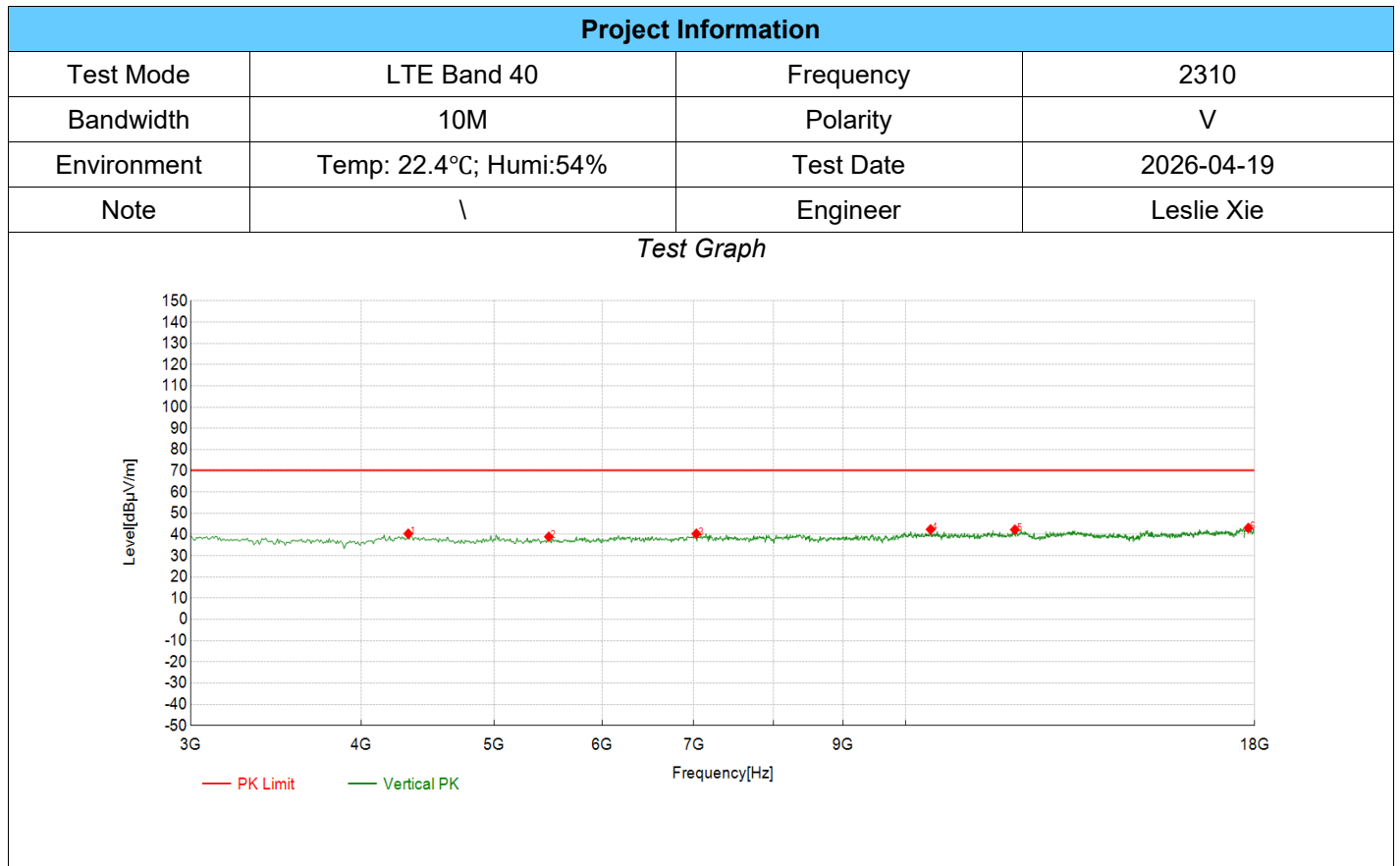


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4283.14	57.12	39.43	-17.69	70.25	30.82	PK	Horizontal	PASS
2	6174.09	56.30	39.94	-16.36	70.25	30.31	PK	Horizontal	PASS
3	8357.68	53.18	40.33	-12.85	70.25	29.92	PK	Horizontal	PASS
4	11674.34	51.26	42.05	-9.21	70.25	28.20	PK	Horizontal	PASS
5	13092.55	53.57	42.34	-11.23	70.25	27.91	PK	Horizontal	PASS
6	17722.36	48.68	43.61	-5.07	70.25	26.64	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

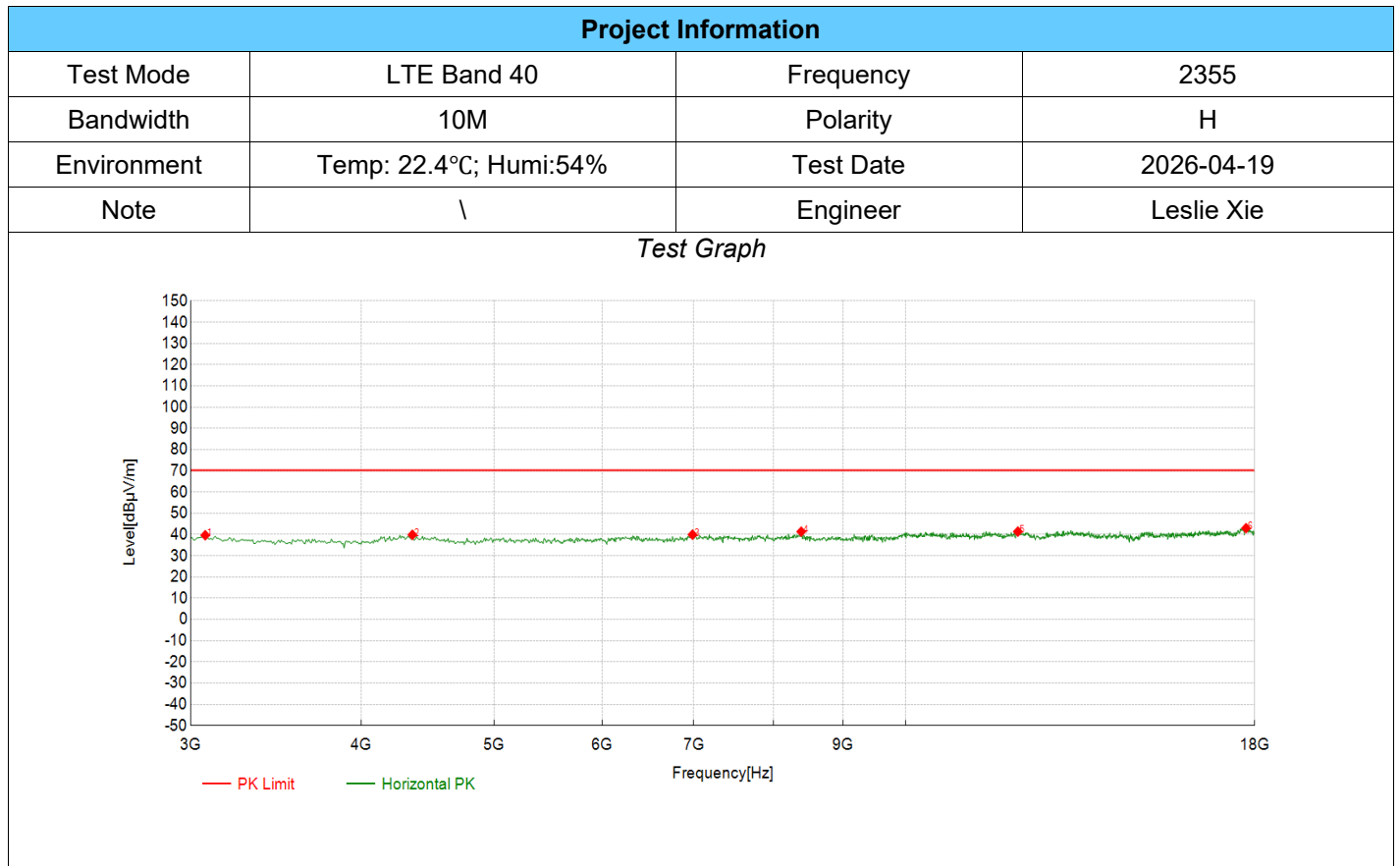


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4328.16	58.20	40.40	-17.80	70.25	29.85	PK	Vertical	PASS
2	5483.74	56.33	38.98	-17.35	70.25	31.27	PK	Vertical	PASS
3	7029.51	55.24	40.37	-14.87	70.25	29.88	PK	Vertical	PASS
4	10428.71	52.03	42.42	-9.61	70.25	27.83	PK	Vertical	PASS
5	12019.51	51.94	42.31	-9.63	70.25	27.94	PK	Vertical	PASS
6	17804.90	48.23	43.09	-5.14	70.25	27.16	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

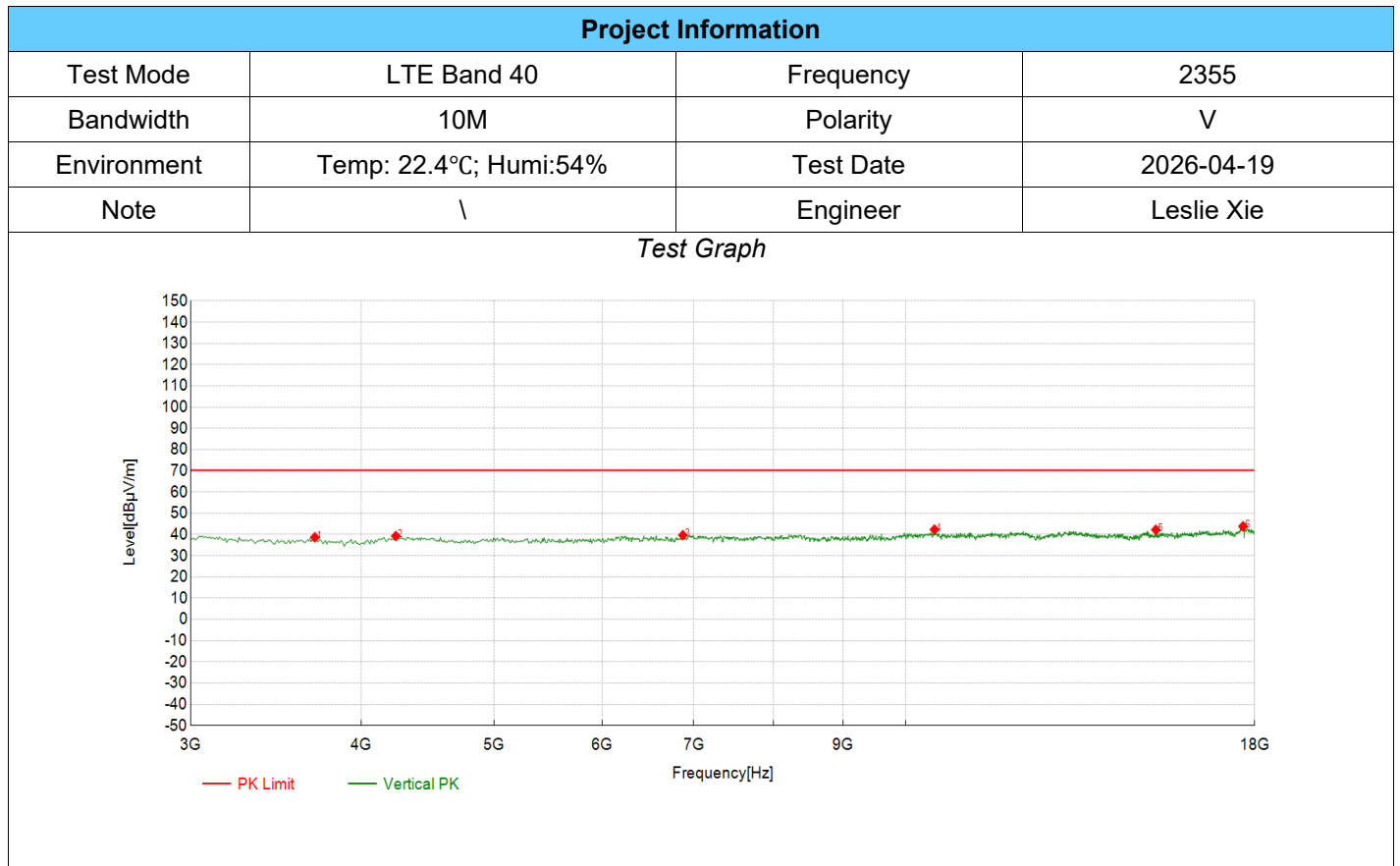


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3075.04	57.34	39.68	-17.66	70.25	30.57	PK	Horizontal	PASS
2	4358.18	57.76	39.89	-17.87	70.25	30.36	PK	Horizontal	PASS
3	6984.49	54.84	39.95	-14.89	70.25	30.30	PK	Horizontal	PASS
4	8387.69	53.96	41.39	-12.57	70.25	28.86	PK	Horizontal	PASS
5	12079.54	51.08	41.40	-9.68	70.25	28.85	PK	Horizontal	PASS
6	17737.37	48.08	43.00	-5.08	70.25	27.25	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

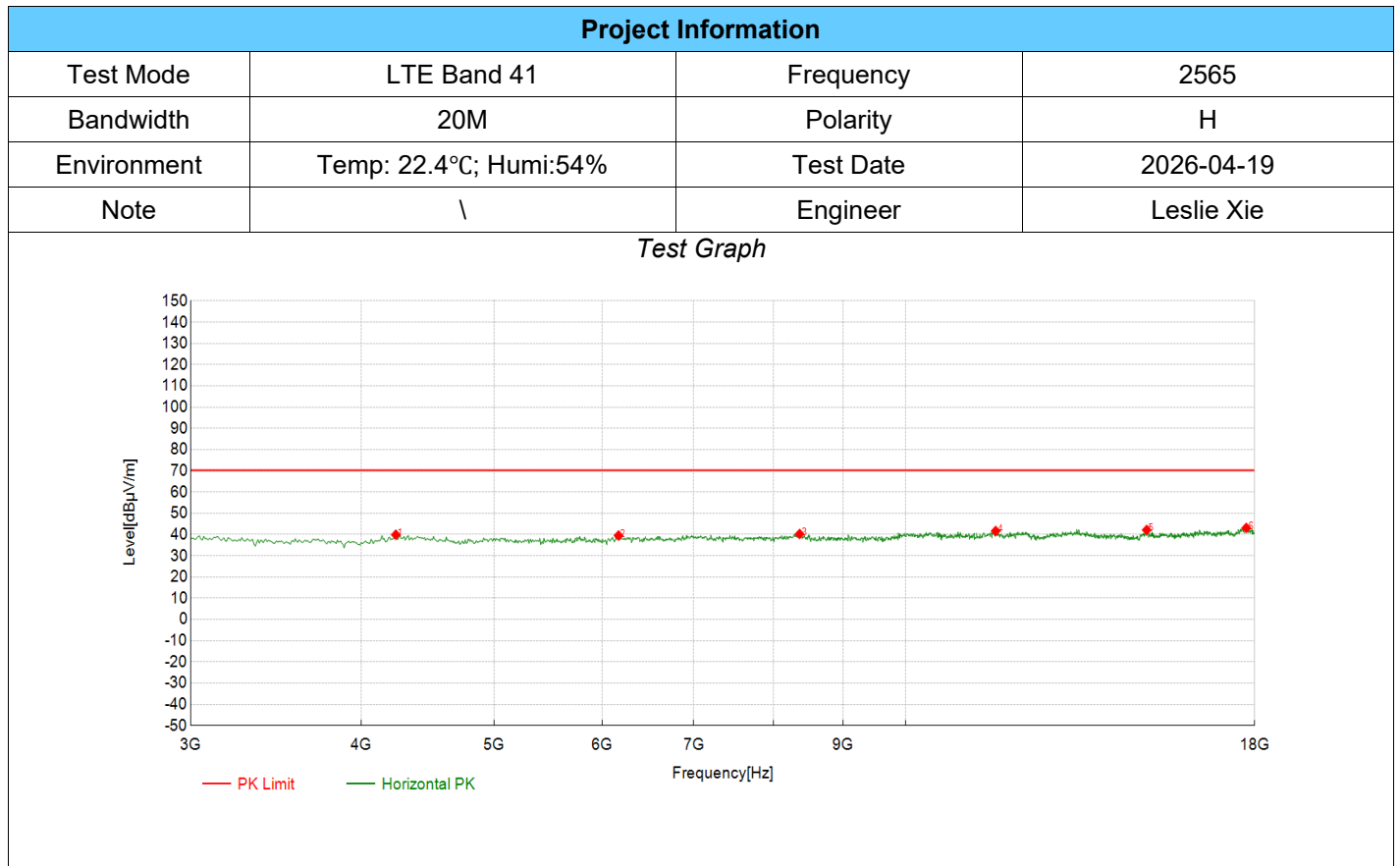


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3697.85	57.74	38.72	-19.02	70.25	31.53	PK	Vertical	PASS
2	4238.12	56.87	39.29	-17.58	70.25	30.96	PK	Vertical	PASS
3	6871.94	55.09	39.71	-15.38	70.25	30.54	PK	Vertical	PASS
4	10496.25	51.90	42.34	-9.56	70.25	27.91	PK	Vertical	PASS
5	15238.62	52.39	42.25	-10.14	70.25	28.00	PK	Vertical	PASS
6	17647.32	48.88	43.85	-5.03	70.25	26.40	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

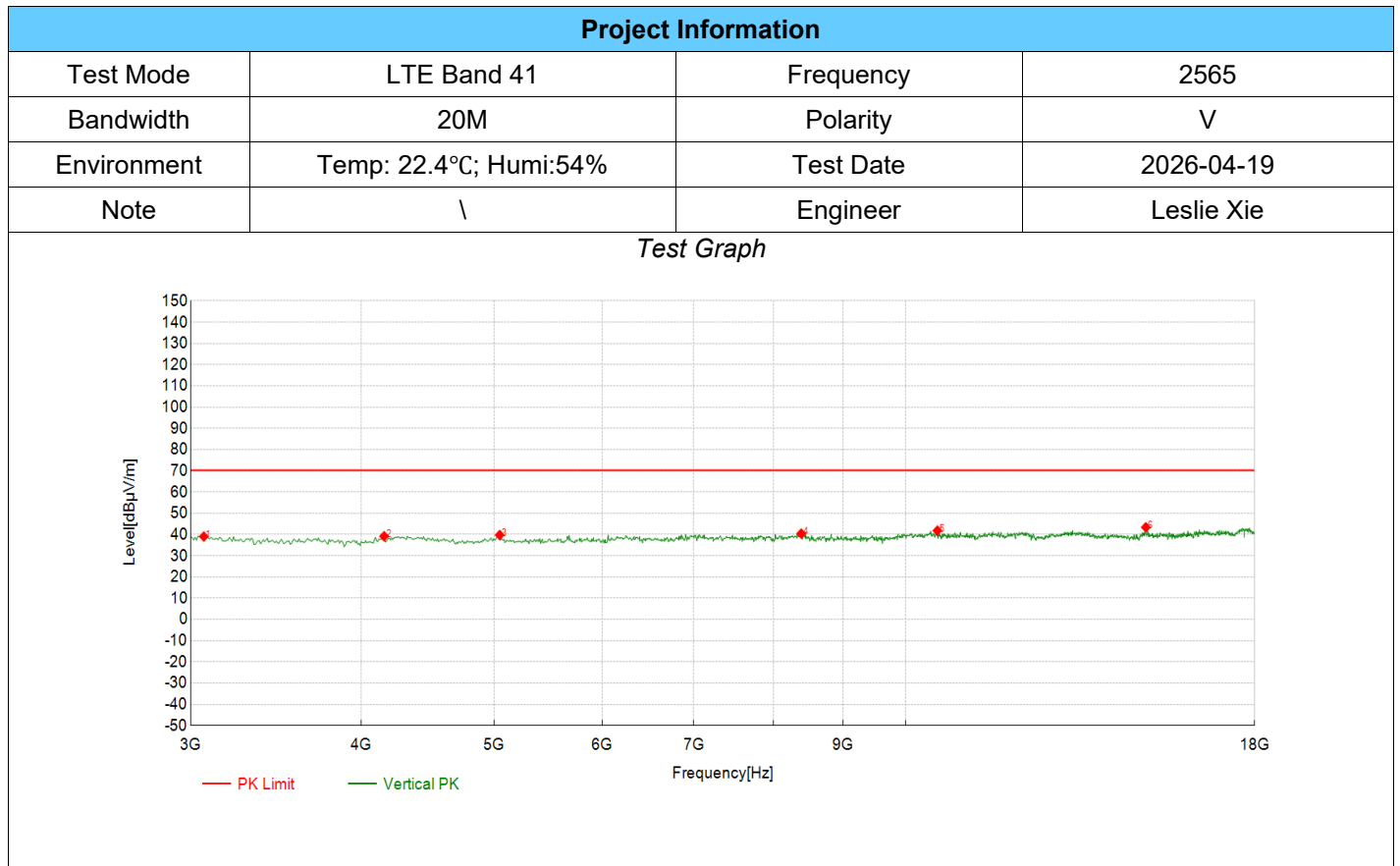


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4238.12	57.50	39.92	-17.58	70.25	30.33	PK	Horizontal	PASS
2	6166.58	55.94	39.55	-16.39	70.25	30.70	PK	Horizontal	PASS
3	8365.18	53.05	40.27	-12.78	70.25	29.98	PK	Horizontal	PASS
4	11636.82	50.57	41.67	-8.90	70.25	28.58	PK	Horizontal	PASS
5	15006.00	51.43	42.16	-9.27	70.25	28.09	PK	Horizontal	PASS
6	17744.87	48.23	43.14	-5.09	70.25	27.11	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

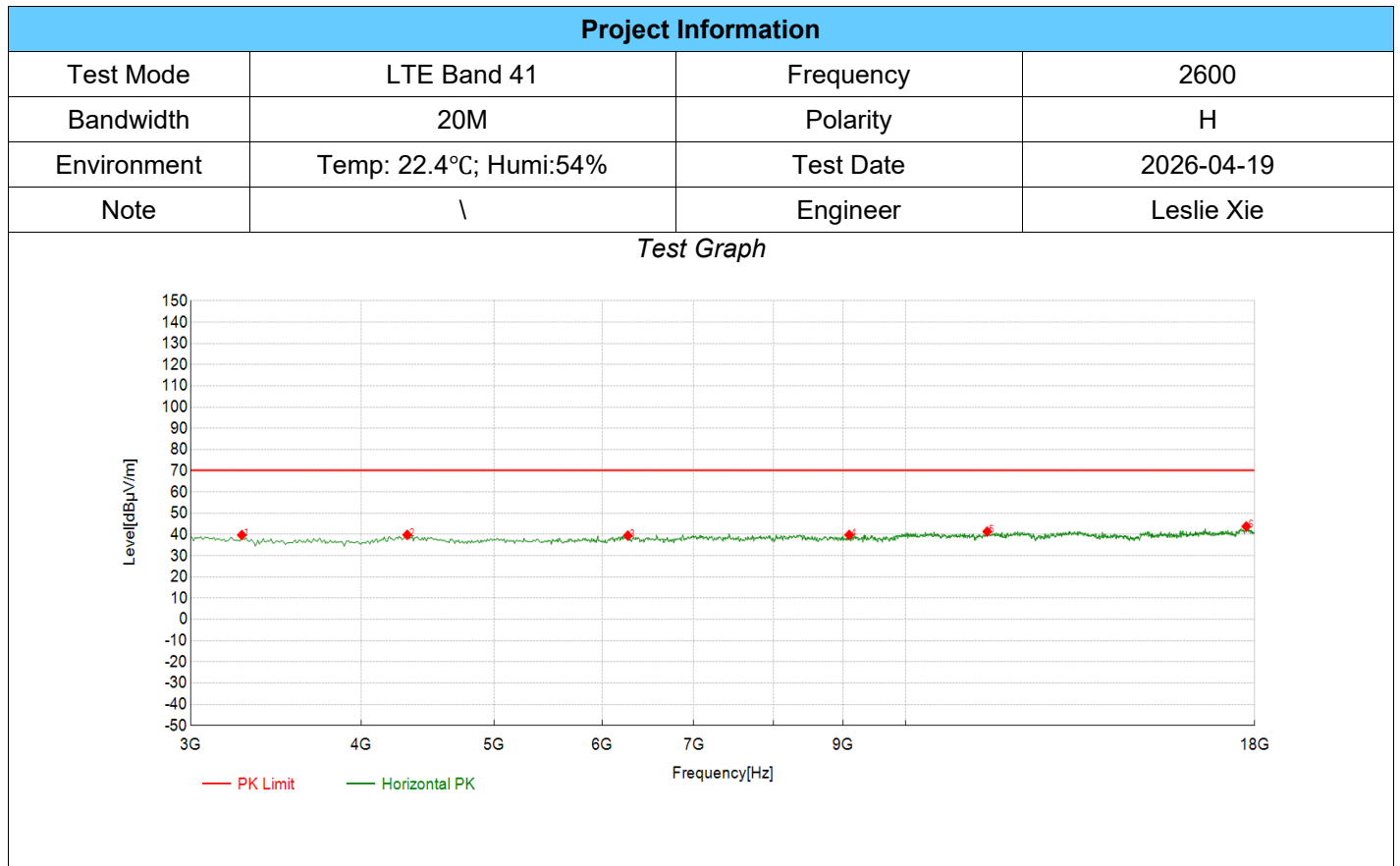


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3067.53	56.69	39.07	-17.62	70.25	31.18	PK	Vertical	PASS
2	4155.58	57.16	39.19	-17.97	70.25	31.06	PK	Vertical	PASS
3	5048.52	57.49	39.79	-17.70	70.25	30.46	PK	Vertical	PASS
4	8387.69	53.01	40.44	-12.57	70.25	29.81	PK	Vertical	PASS
5	10548.77	51.42	41.88	-9.54	70.25	28.37	PK	Vertical	PASS
6	14983.49	52.72	43.42	-9.30	70.25	26.83	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

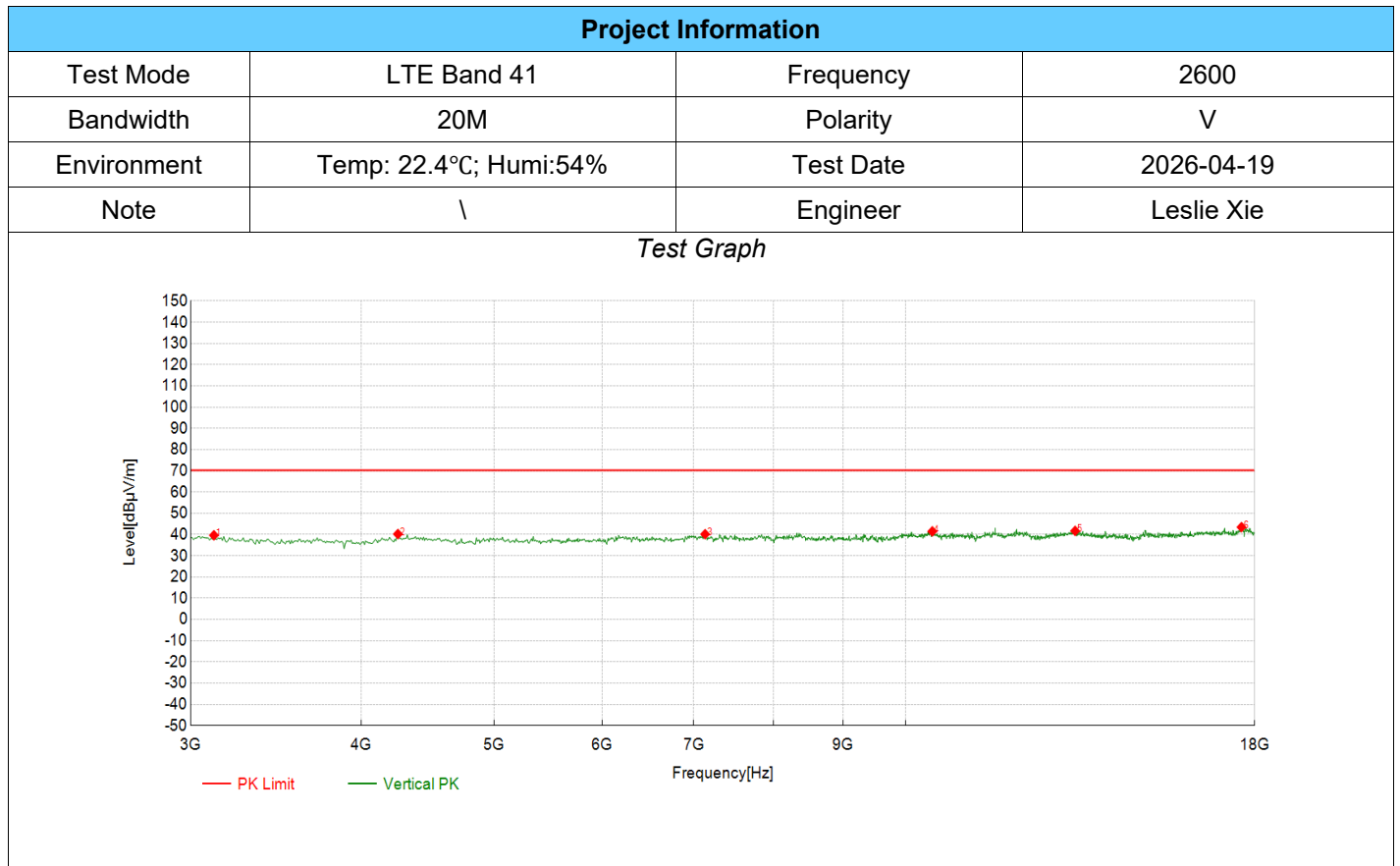


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3270.14	58.30	39.77	-18.53	70.25	30.48	PK	Horizontal	PASS
2	4320.66	57.64	39.86	-17.78	70.25	30.39	PK	Horizontal	PASS
3	6264.13	55.77	39.51	-16.26	70.25	30.74	PK	Horizontal	PASS
4	9093.05	52.27	39.83	-12.44	70.25	30.42	PK	Horizontal	PASS
5	11471.74	50.23	41.40	-8.83	70.25	28.85	PK	Horizontal	PASS
6	17744.87	48.90	43.81	-5.09	70.25	26.44	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

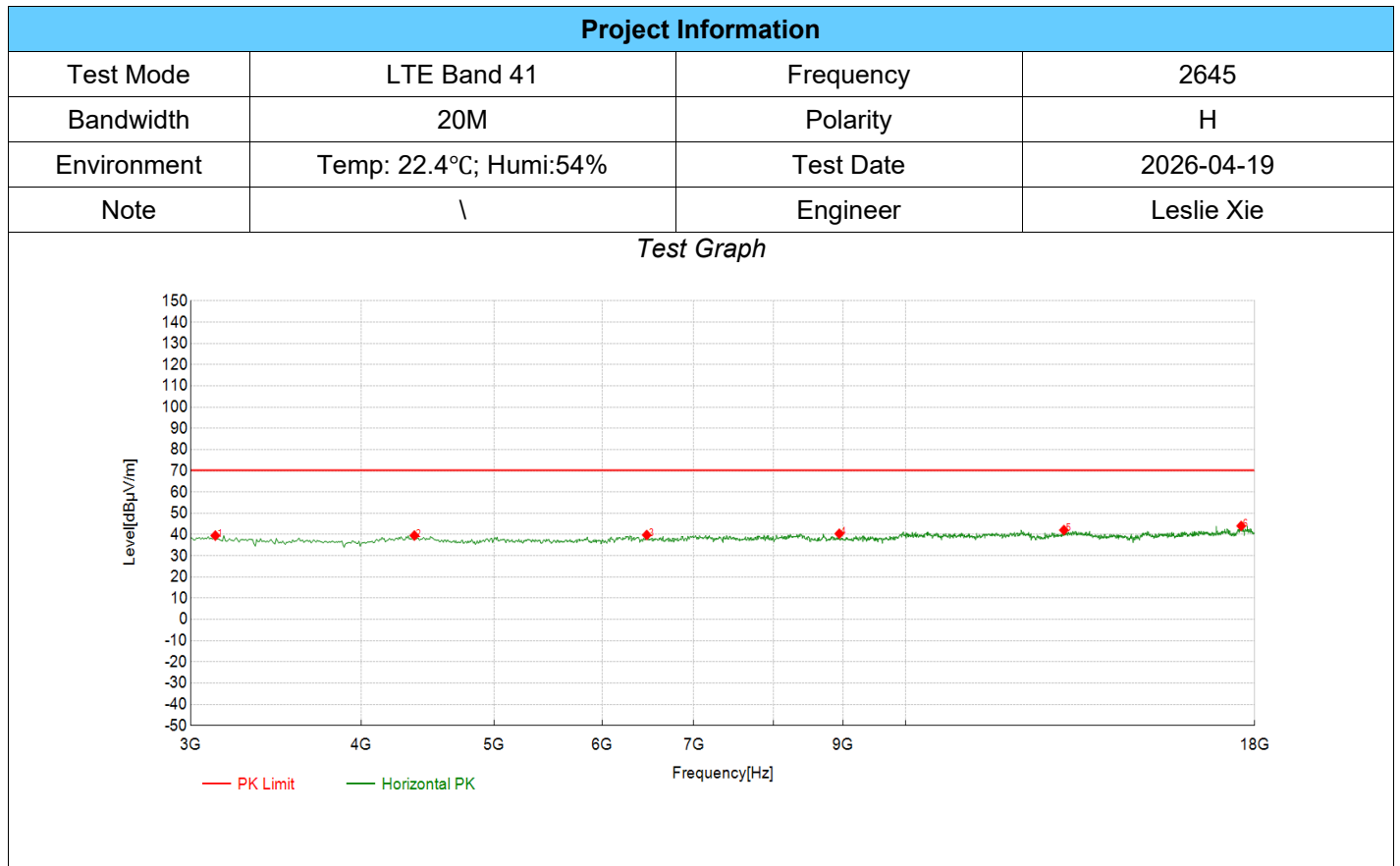


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3120.06	57.58	39.65	-17.93	70.25	30.60	PK	Vertical	PASS
2	4253.13	57.87	40.24	-17.63	70.25	30.01	PK	Vertical	PASS
3	7134.57	55.29	40.19	-15.10	70.25	30.06	PK	Vertical	PASS
4	10458.73	51.10	41.51	-9.59	70.25	28.74	PK	Vertical	PASS
5	13302.65	52.79	41.72	-11.07	70.25	28.53	PK	Vertical	PASS
6	17602.30	48.49	43.49	-5.00	70.25	26.76	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

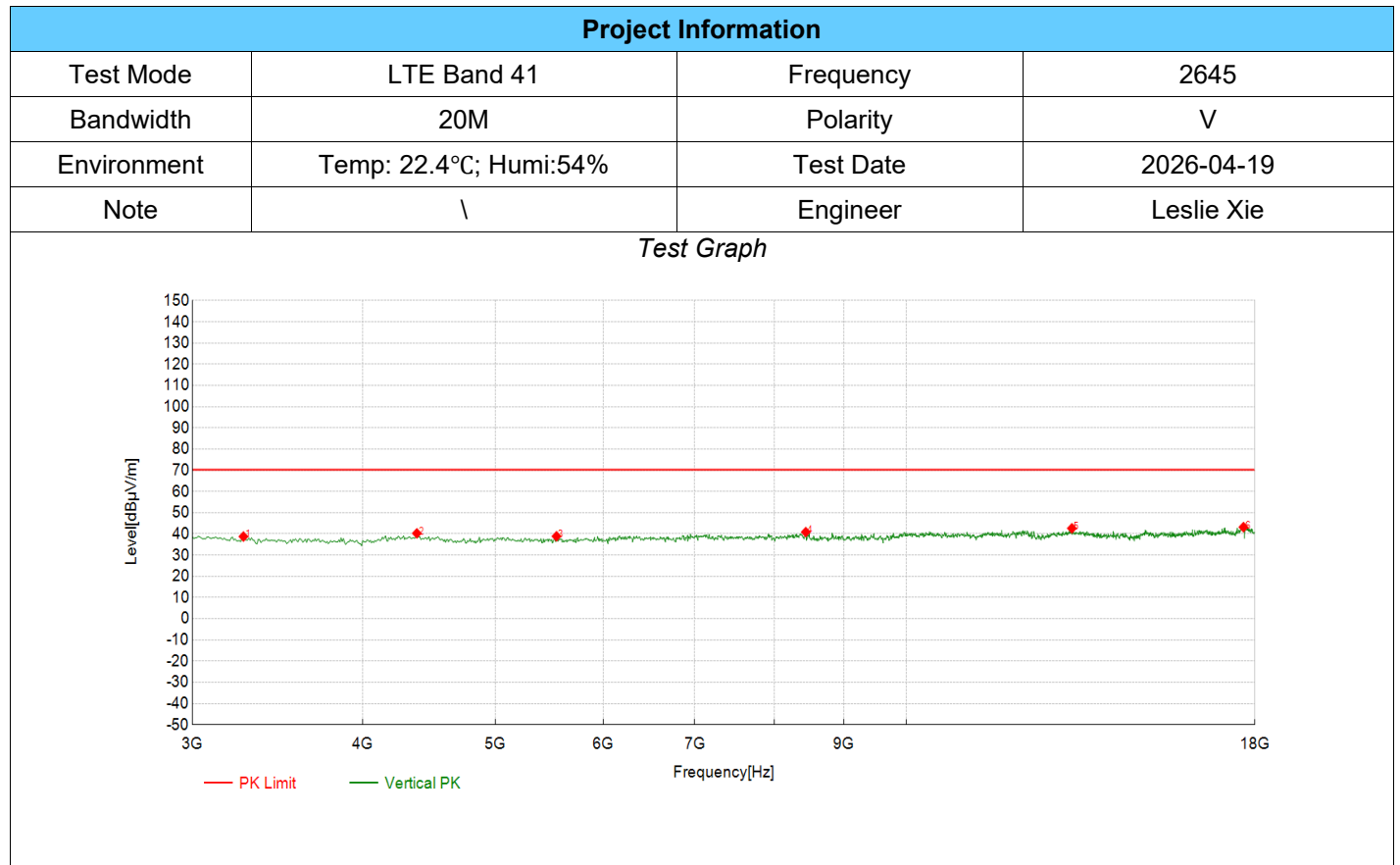


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3127.56	57.48	39.51	-17.97	70.25	30.74	PK	Horizontal	PASS
2	4373.19	57.44	39.54	-17.90	70.25	30.71	PK	Horizontal	PASS
3	6466.73	56.04	39.80	-16.24	70.25	30.45	PK	Horizontal	PASS
4	8942.97	53.23	40.40	-12.83	70.25	29.85	PK	Horizontal	PASS
5	13055.03	53.46	42.09	-11.37	70.25	28.16	PK	Horizontal	PASS
6	17594.80	49.13	44.06	-5.07	70.25	26.19	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

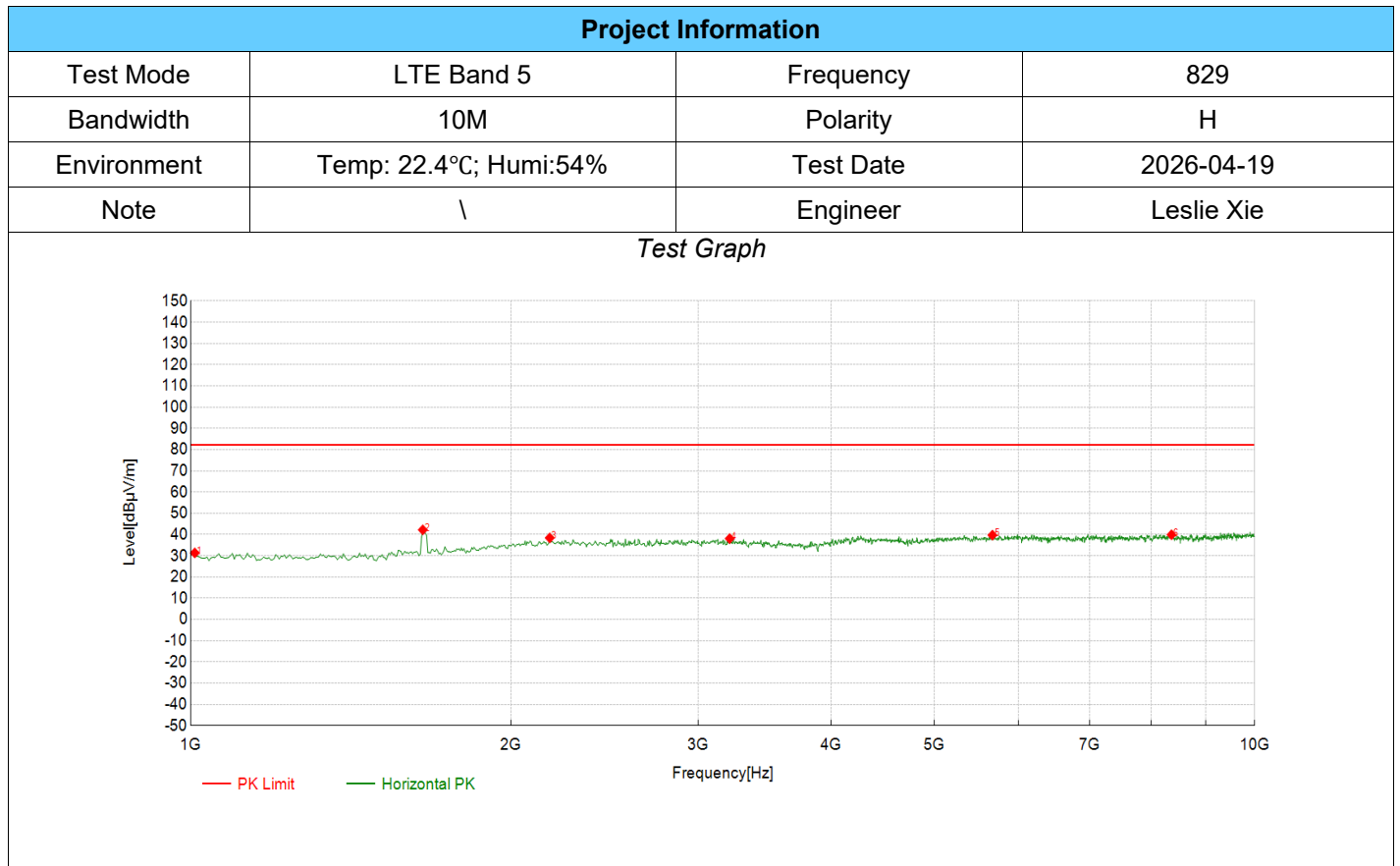


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3270.14	57.32	38.79	-18.53	70.25	31.46	PK	Vertical	PASS
2	4380.69	58.19	40.28	-17.91	70.25	29.97	PK	Vertical	PASS
3	5543.77	56.34	38.91	-17.43	70.25	31.34	PK	Vertical	PASS
4	8440.22	53.58	40.88	-12.70	70.25	29.37	PK	Vertical	PASS
5	13220.11	53.53	42.65	-10.88	70.25	27.60	PK	Vertical	PASS
6	17654.83	48.23	43.20	-5.03	70.25	27.05	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

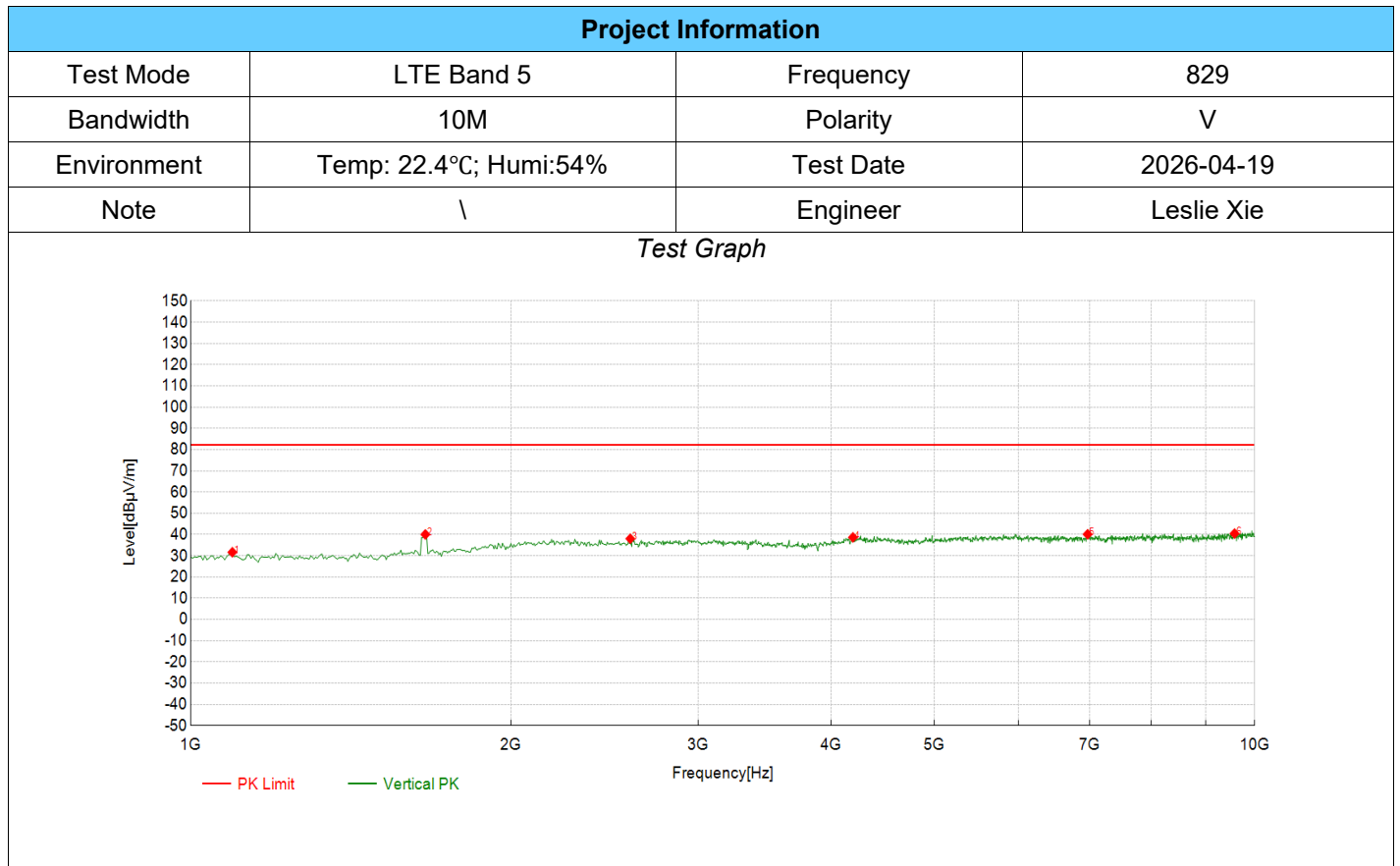


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1009.00	55.56	31.36	-24.20	82.25	50.89	PK	Horizontal	PASS
2	1652.83	65.63	42.22	-23.41	82.25	40.03	PK	Horizontal	PASS
3	2175.09	58.08	38.43	-19.65	82.25	43.82	PK	Horizontal	PASS
4	3210.61	57.46	38.10	-19.36	82.25	44.15	PK	Horizontal	PASS
5	5668.83	55.55	39.75	-15.80	82.25	42.50	PK	Horizontal	PASS
6	8352.18	53.08	39.92	-13.16	82.25	42.33	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

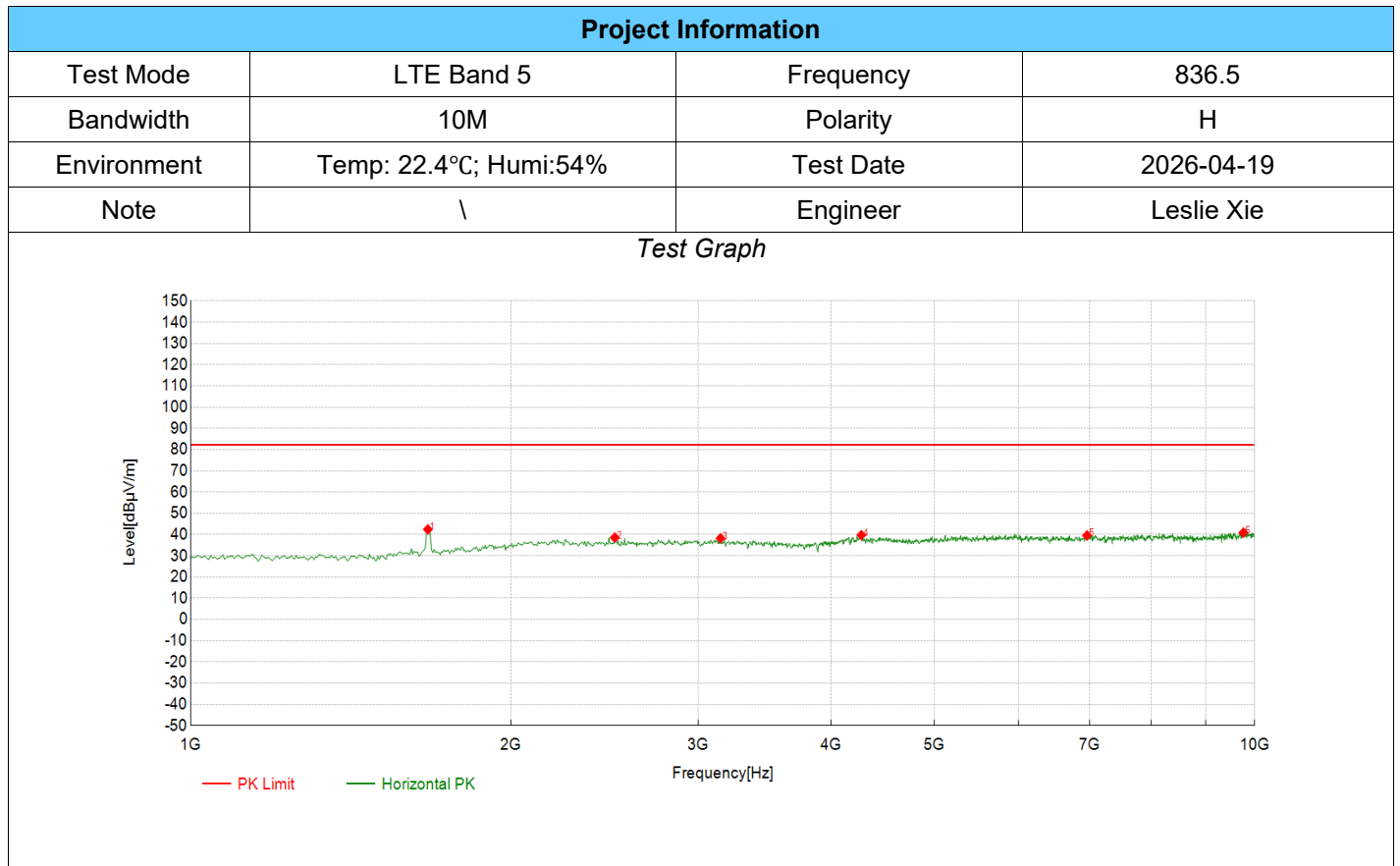


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1094.55	55.76	31.68	-24.08	82.25	50.57	PK	Vertical	PASS
2	1661.83	63.41	40.06	-23.35	82.25	42.19	PK	Vertical	PASS
3	2589.29	57.96	38.07	-19.89	82.25	44.18	PK	Vertical	PASS
4	4192.10	56.12	38.68	-17.44	82.25	43.57	PK	Vertical	PASS
5	6965.48	54.85	40.14	-14.71	82.25	42.11	PK	Vertical	PASS
6	9572.29	51.14	40.48	-10.66	82.25	41.77	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

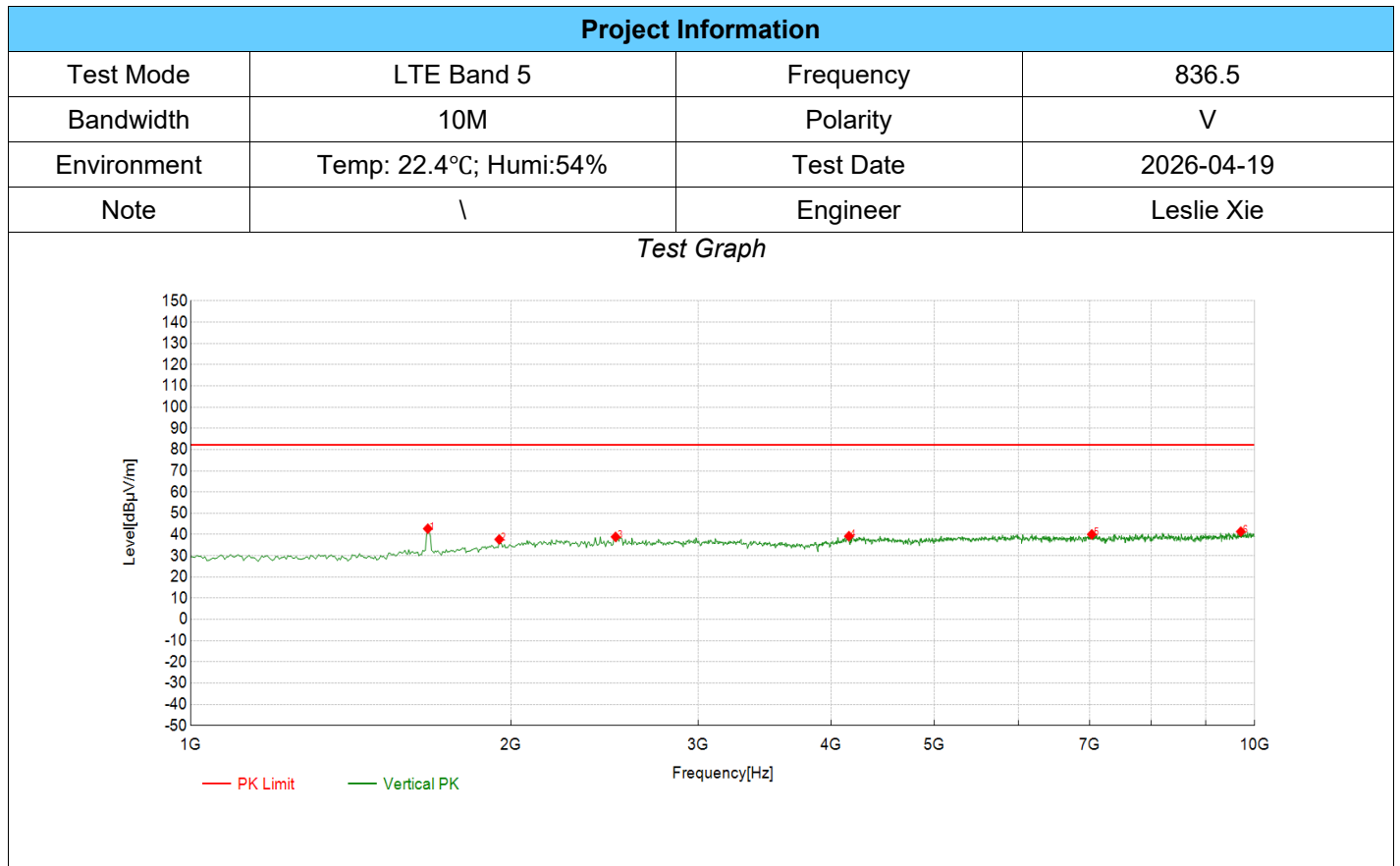


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1670.84	65.74	42.45	-23.29	82.25	39.80	PK	Horizontal	PASS
2	2503.75	58.60	38.59	-20.01	82.25	43.66	PK	Horizontal	PASS
3	3147.57	57.57	38.24	-19.33	82.25	44.01	PK	Horizontal	PASS
4	4268.63	57.37	39.72	-17.65	82.25	42.53	PK	Horizontal	PASS
5	6956.48	54.32	39.58	-14.74	82.25	42.67	PK	Horizontal	PASS
6	9756.88	51.42	40.92	-10.50	82.25	41.33	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

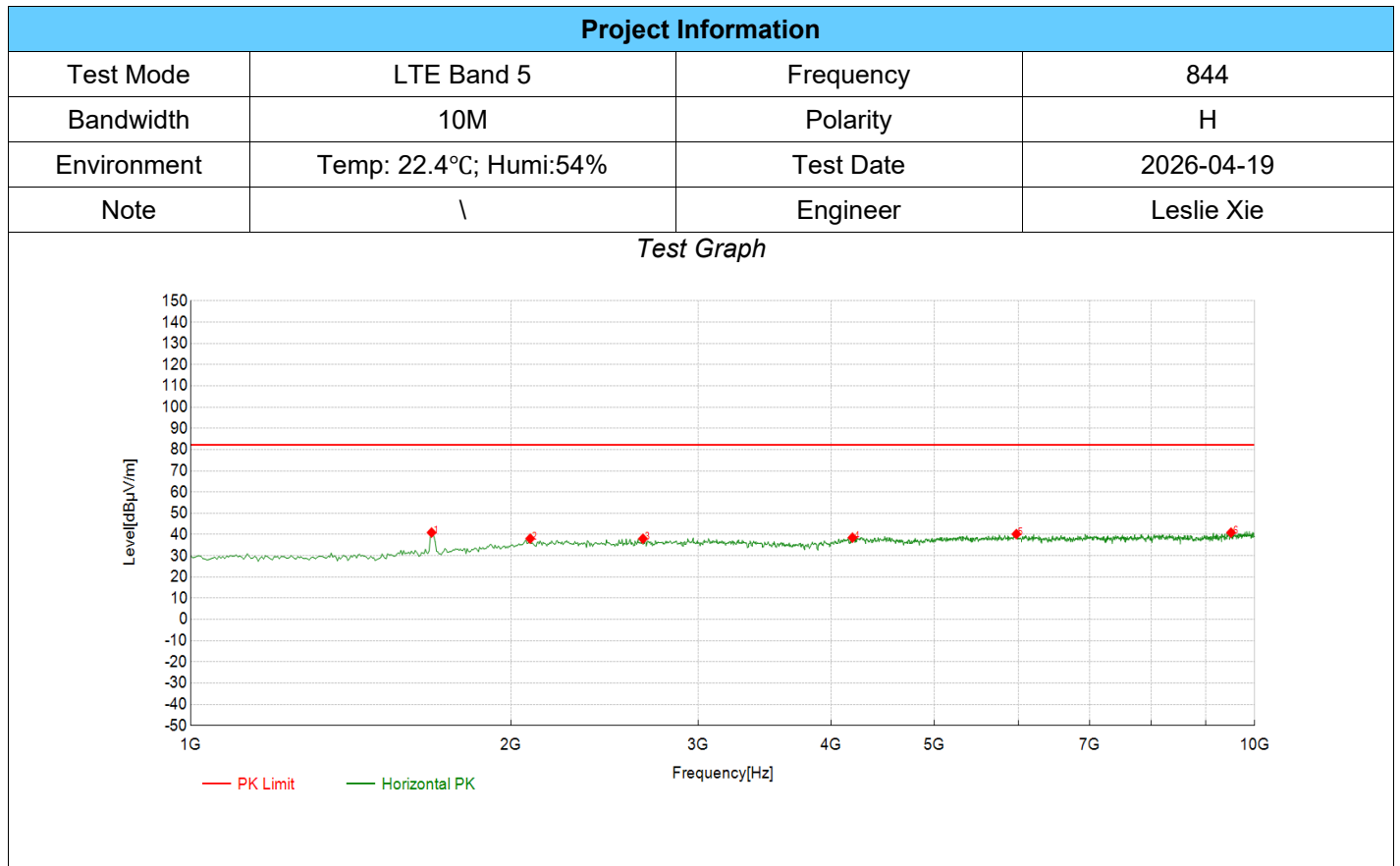


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1670.84	66.06	42.77	-23.29	82.25	39.48	PK	Vertical	PASS
2	1949.97	58.74	37.71	-21.03	82.25	44.54	PK	Vertical	PASS
3	2508.25	58.92	38.91	-20.01	82.25	43.34	PK	Vertical	PASS
4	4156.08	57.03	39.22	-17.81	82.25	43.03	PK	Vertical	PASS
5	7028.51	54.82	40.10	-14.72	82.25	42.15	PK	Vertical	PASS
6	9702.85	51.96	41.37	-10.59	82.25	40.88	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

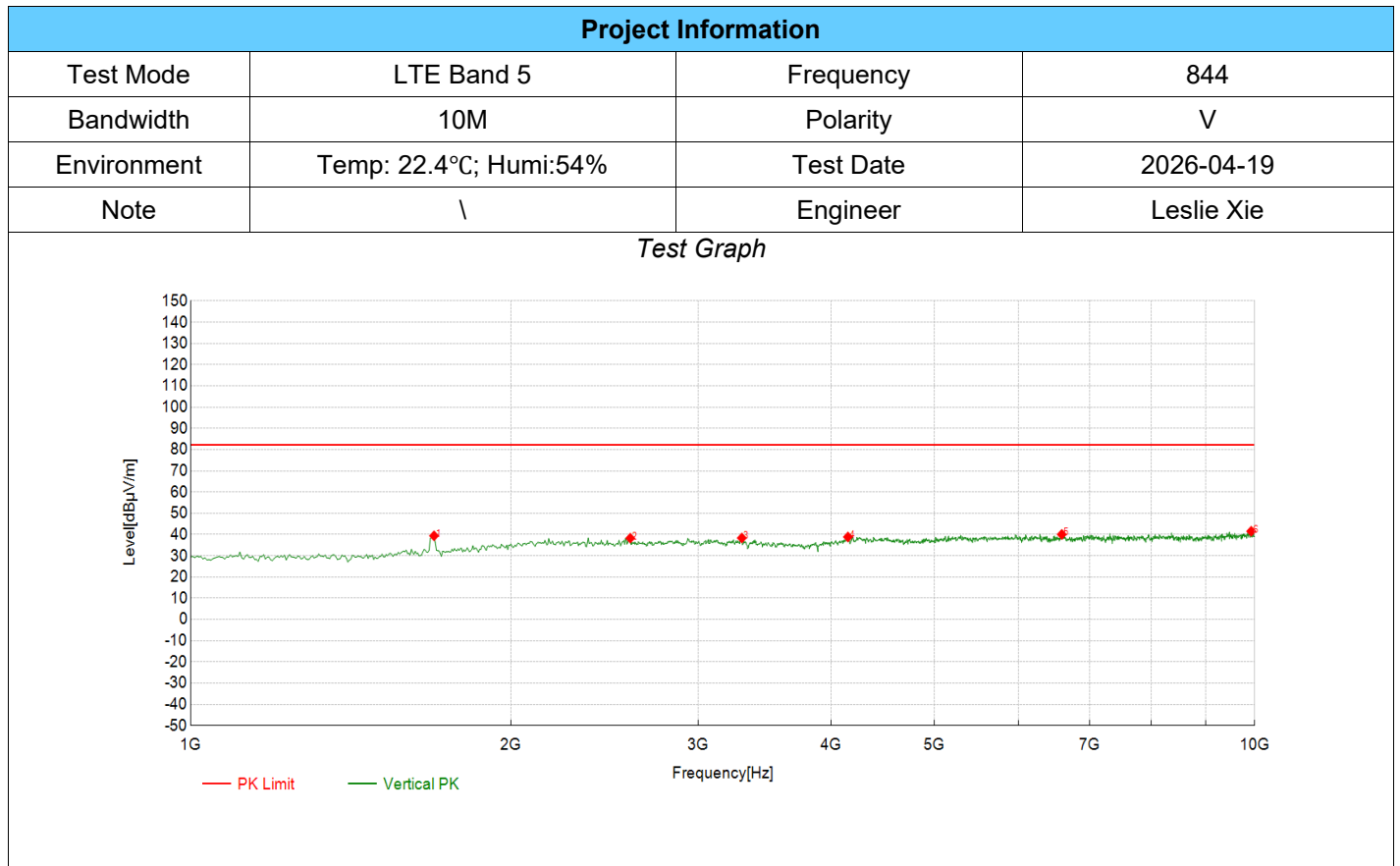


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1684.34	64.14	40.95	-23.19	82.25	41.30	PK	Horizontal	PASS
2	2085.04	58.22	38.09	-20.13	82.25	44.16	PK	Horizontal	PASS
3	2661.33	57.70	38.02	-19.68	82.25	44.23	PK	Horizontal	PASS
4	4187.59	56.02	38.54	-17.48	82.25	43.71	PK	Horizontal	PASS
5	5970.49	56.02	40.22	-15.80	82.25	42.03	PK	Horizontal	PASS
6	9500.25	51.36	40.91	-10.45	82.25	41.34	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

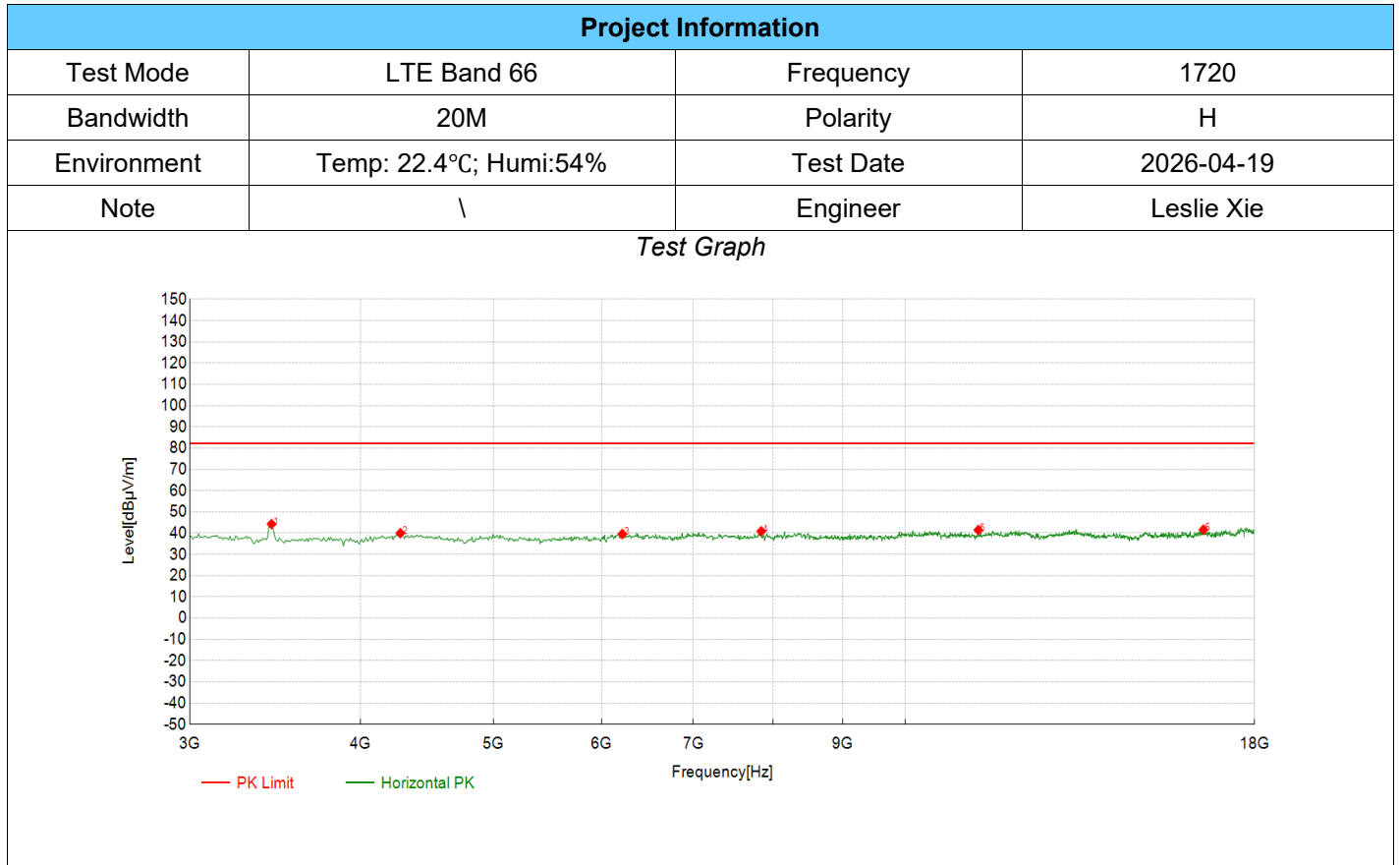


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1693.35	62.53	39.41	-23.12	82.25	42.84	PK	Vertical	PASS
2	2589.29	58.20	38.31	-19.89	82.25	43.94	PK	Vertical	PASS
3	3296.15	57.72	38.39	-19.33	82.25	43.86	PK	Vertical	PASS
4	4147.07	56.76	38.86	-17.90	82.25	43.39	PK	Vertical	PASS
5	6587.29	55.72	40.09	-15.63	82.25	42.16	PK	Vertical	PASS
6	9923.46	51.95	41.55	-10.40	82.25	40.70	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

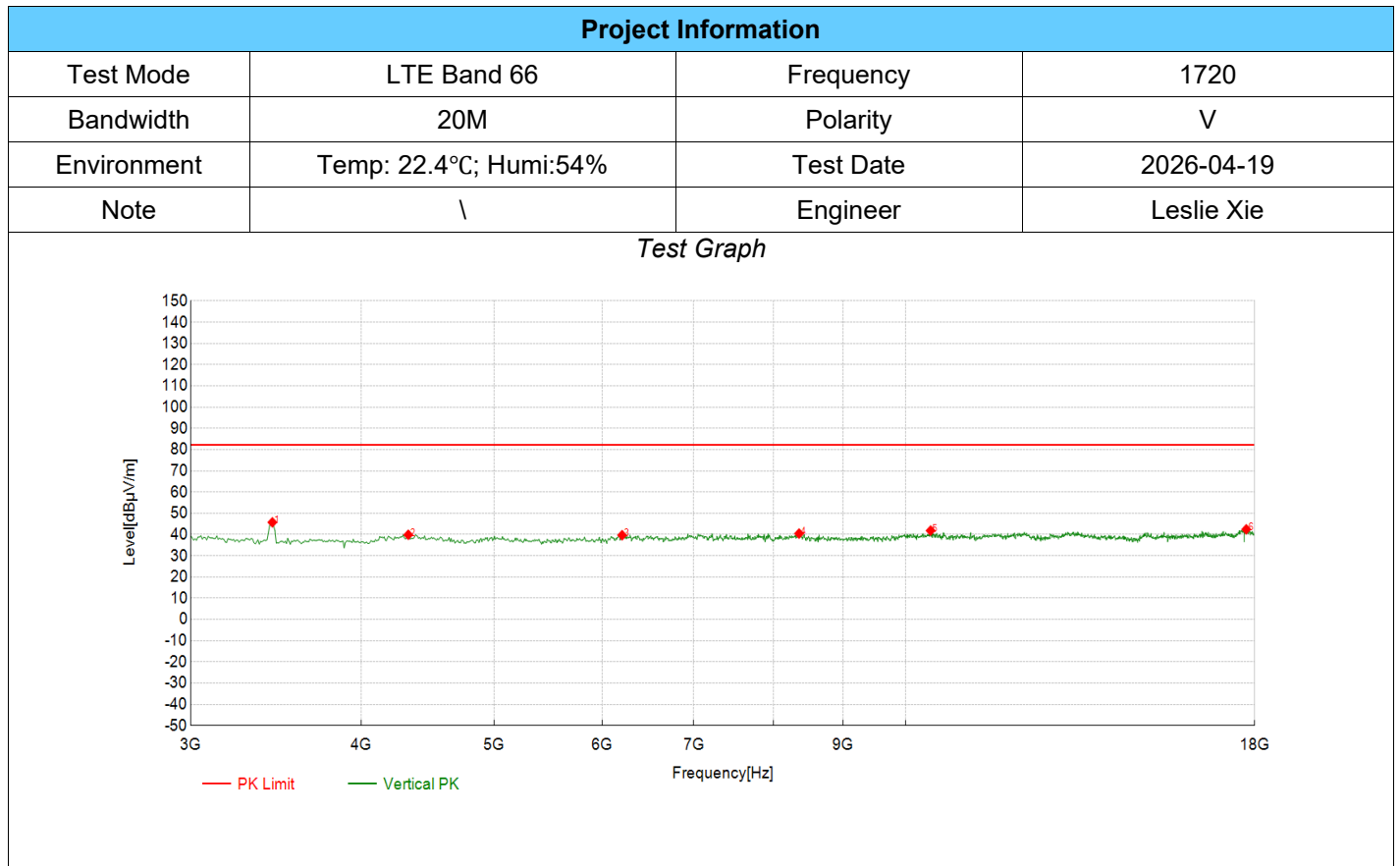


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3442.72	63.14	44.30	-18.84	82.25	37.95	PK	Horizontal	PASS
2	4275.64	57.68	40.00	-17.68	82.25	42.25	PK	Horizontal	PASS
3	6211.61	55.87	39.62	-16.25	82.25	42.63	PK	Horizontal	PASS
4	7847.42	55.76	40.89	-14.87	82.25	41.36	PK	Horizontal	PASS
5	11306.65	50.30	41.47	-8.83	82.25	40.78	PK	Horizontal	PASS
6	16514.26	49.42	41.65	-7.77	82.25	40.60	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

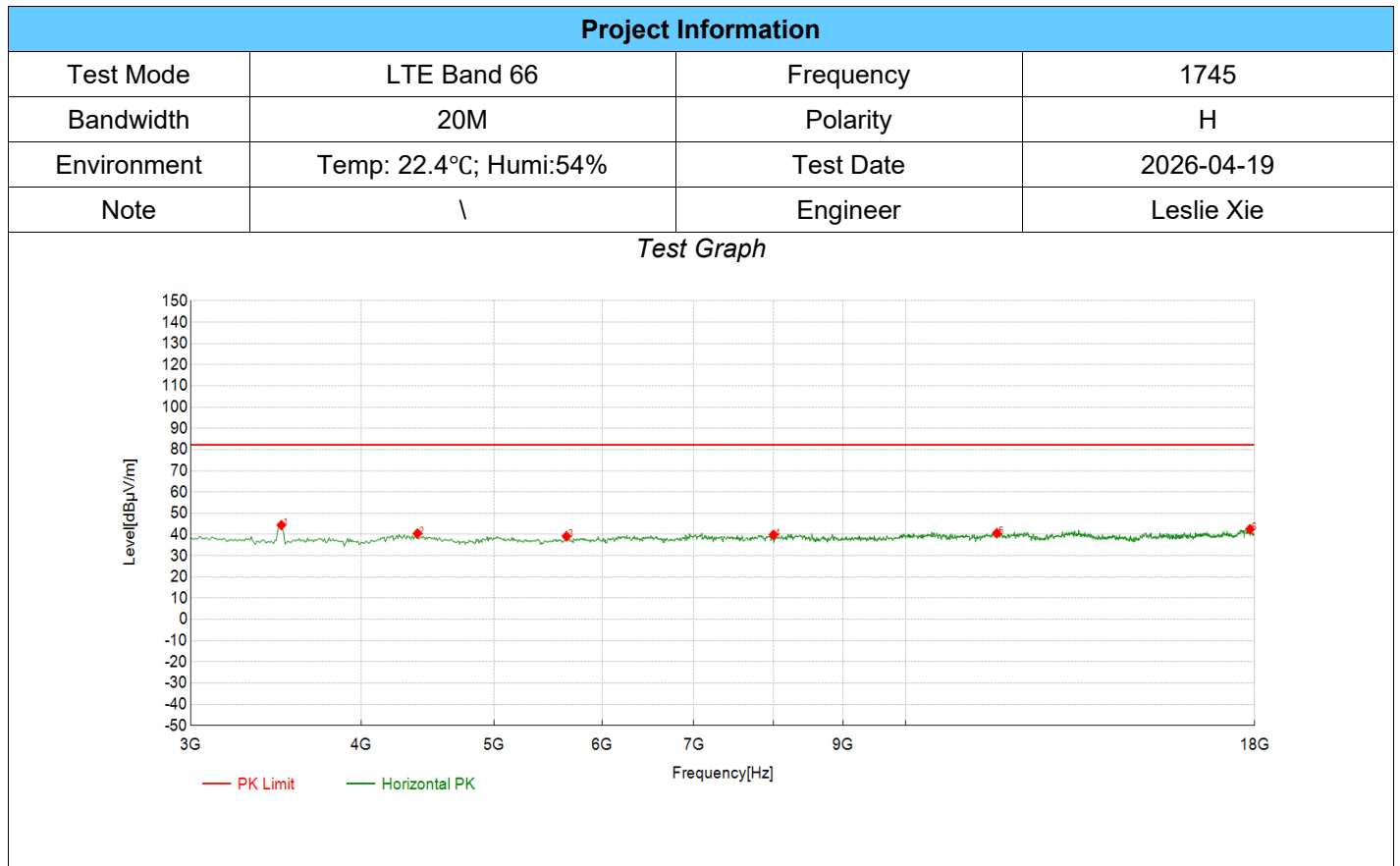


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3442.72	64.60	45.76	-18.84	82.25	36.49	PK	Vertical	PASS
2	4328.16	57.72	39.92	-17.80	82.25	42.33	PK	Vertical	PASS
3	6204.10	55.95	39.70	-16.25	82.25	42.55	PK	Vertical	PASS
4	8357.68	53.32	40.47	-12.85	82.25	41.78	PK	Vertical	PASS
5	10428.71	51.49	41.88	-9.61	82.25	40.37	PK	Vertical	PASS
6	17744.87	47.56	42.47	-5.09	82.25	39.78	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

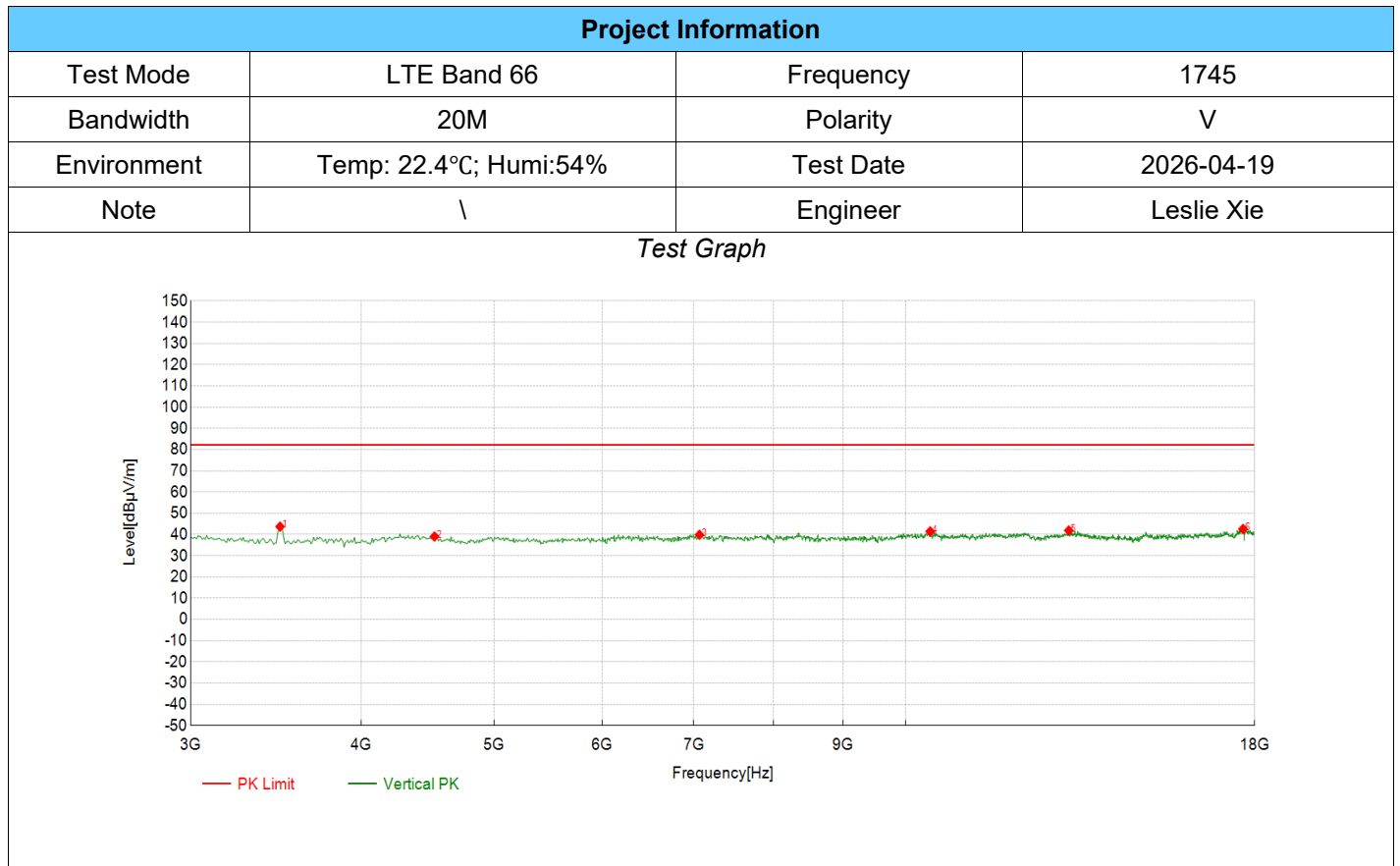


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3495.25	63.36	44.46	-18.90	82.25	37.79	PK	Horizontal	PASS
2	4395.70	58.47	40.51	-17.96	82.25	41.74	PK	Horizontal	PASS
3	5648.82	56.61	39.20	-17.41	82.25	43.05	PK	Horizontal	PASS
4	8005.00	54.88	39.87	-15.01	82.25	42.38	PK	Horizontal	PASS
5	11659.33	49.74	40.65	-9.09	82.25	41.60	PK	Horizontal	PASS
6	17857.43	47.87	42.54	-5.33	82.25	39.71	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

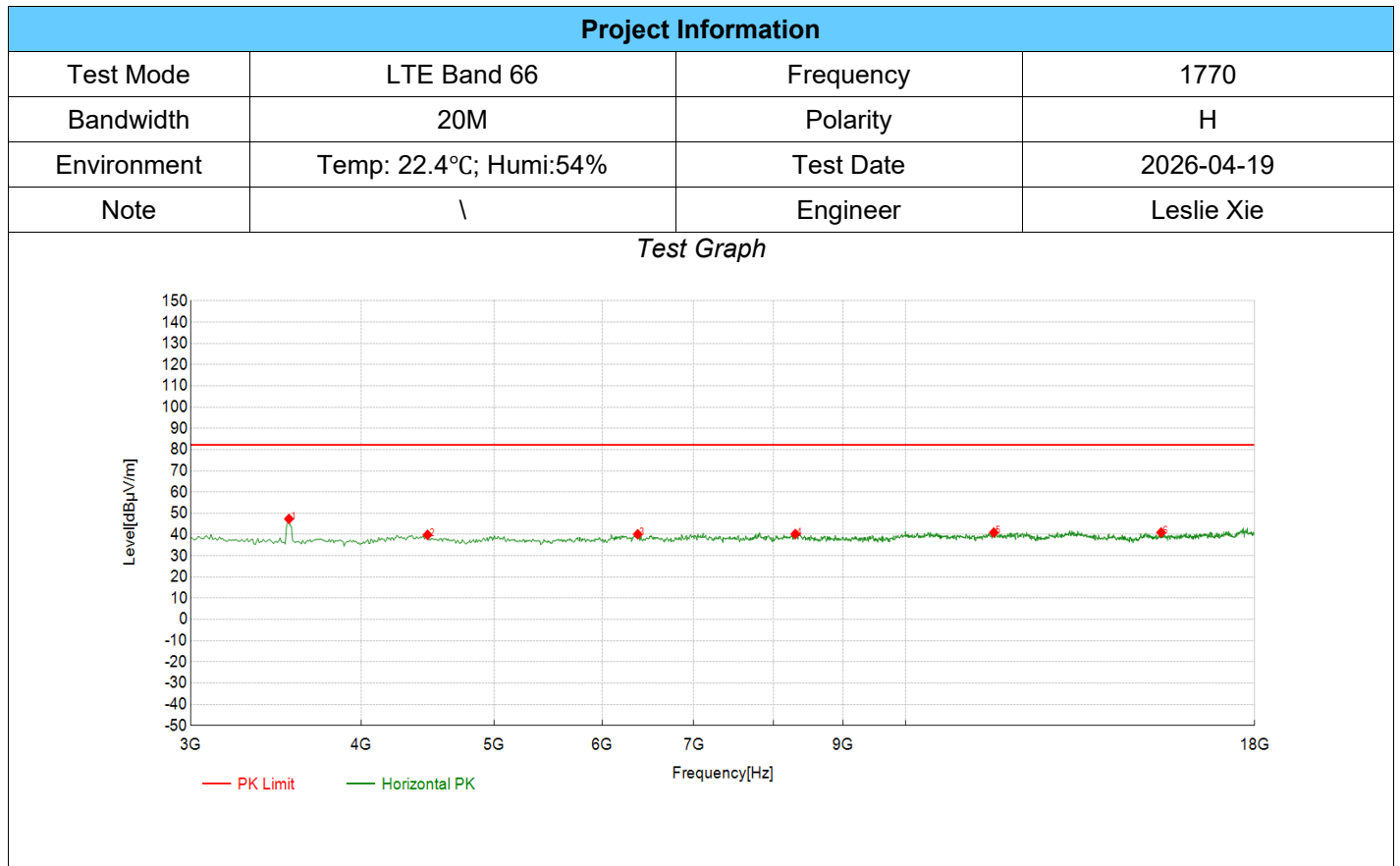


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3487.74	62.63	43.74	-18.89	82.25	38.51	PK	Vertical	PASS
2	4523.26	57.24	39.09	-18.15	82.25	43.16	PK	Vertical	PASS
3	7067.03	54.89	39.92	-14.97	82.25	42.33	PK	Vertical	PASS
4	10421.21	51.10	41.48	-9.62	82.25	40.77	PK	Vertical	PASS
5	13160.08	52.89	41.91	-10.98	82.25	40.34	PK	Vertical	PASS
6	17647.32	47.65	42.62	-5.03	82.25	39.63	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result

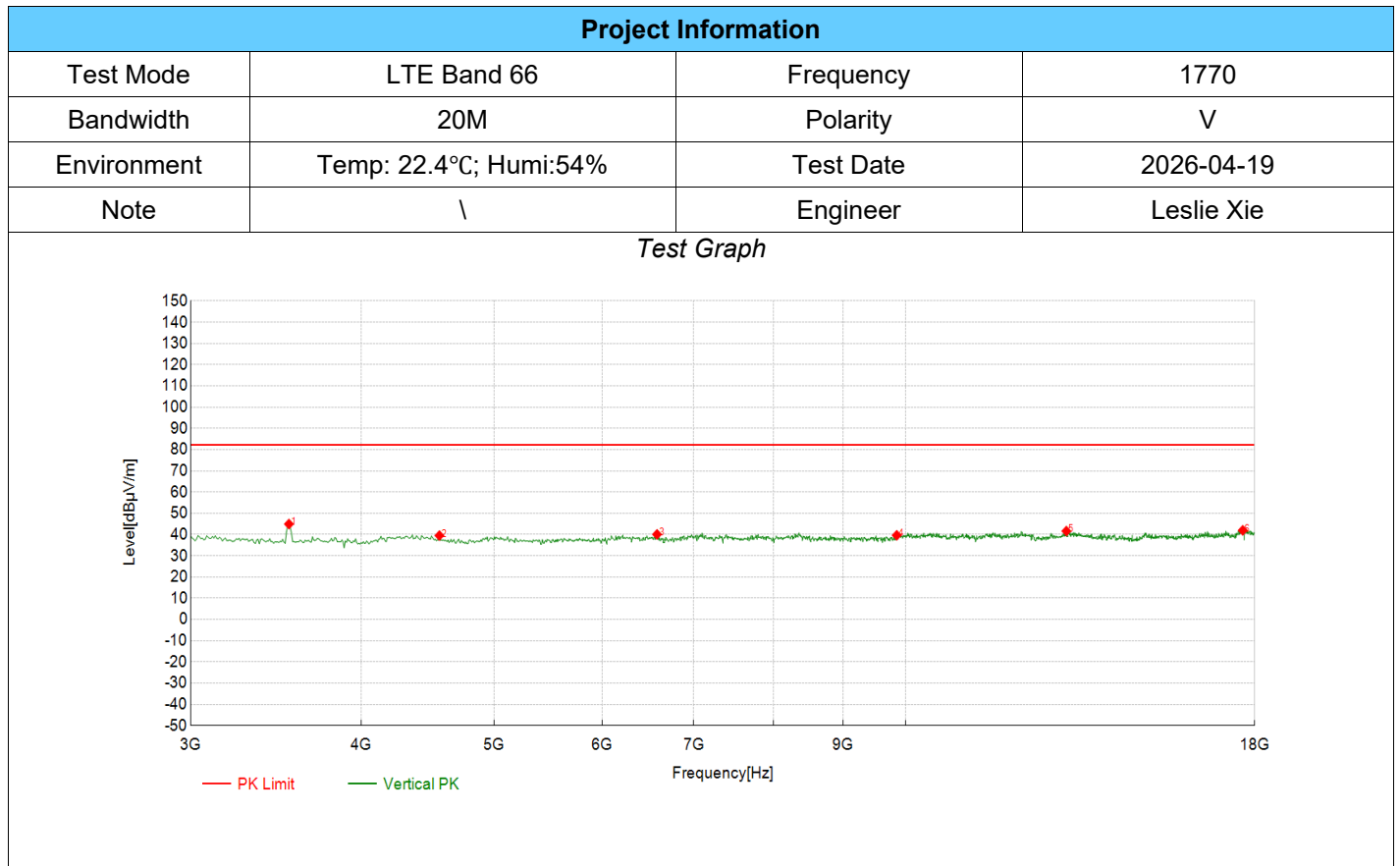


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3540.27	66.28	47.38	-18.90	82.25	34.87	PK	Horizontal	PASS
2	4470.74	57.93	39.87	-18.06	82.25	42.38	PK	Horizontal	PASS
3	6369.18	56.44	40.14	-16.30	82.25	42.11	PK	Horizontal	PASS
4	8305.15	53.57	40.24	-13.33	82.25	42.01	PK	Horizontal	PASS
5	11599.30	49.53	40.94	-8.59	82.25	41.31	PK	Horizontal	PASS
6	15373.69	50.32	40.96	-9.36	82.25	41.29	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

TX Radiated Test Result



PEAK Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Verdict
1	3540.27	63.86	44.96	-18.90	82.25	37.29	PK	Vertical	PASS
2	4560.78	57.79	39.54	-18.25	82.25	42.71	PK	Vertical	PASS
3	6579.29	56.24	40.10	-16.14	82.25	42.15	PK	Vertical	PASS
4	9850.93	51.32	39.65	-11.67	82.25	42.60	PK	Vertical	PASS
5	13107.55	52.82	41.64	-11.18	82.25	40.61	PK	Vertical	PASS
6	17639.82	47.00	41.98	-5.02	82.25	40.27	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

END OF REPORT