



FCC REPORT

Applicant	:	GEOMATE POSITIONING PTE. LTD.
Address of Applicant	:	38 BEACH ROAD #29-11 SOUTH BEACH TOWER SINGAPORE (189767)
Manufacturer	:	GEOMATE POSITIONING PTE. LTD.
Address of Manufacturer	:	38 BEACH ROAD #29-11 SOUTH BEACH TOWER SINGAPORE (189767)
Equipment under Test	:	Remote Controller
Model No./HVIN	:	R100
FCC ID	:	2A7ZC-R100
IC	:	34552-R100
Test Standard(s)	:	FCC CFR Title 47 Part 2, FCC CFR Title 47 Part 22 Subpart H, FCC CFR Title 47 Part 27, RSS-132 issue 4, RSS-199 issue 4, RSS-Gen Issue 5, ANSI C63.26:2015
Report No.	:	A2507399-C03-R04
Issue Date	:	2025/12/24
Issued By	:	Shenzhen Alpha Product Testing Co., Ltd. Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen City, Guangdong Province, P.R. China.

Table of Contents

1.	Summary of Test Results	7
2.	General Test Information.....	8
2.1.	Description of EUT.....	8
2.2.	Accessories of EUT	8
2.3.	Block diagram of EUT configuration for test.....	8
2.4.	Test mode description	9
2.5.	Deviations of test standard	10
2.6.	Test environment conditions.....	10
2.7.	Test laboratory	10
2.8.	Measurement uncertainty	10
3.	Conducted Output Power	12
3.1.	Test equipment	12
3.2.	Block diagram of test setup	12
3.3.	Limits.....	12
3.4.	Assistant equipment used for test	12
3.5.	Test procedure	12
3.6.	Test result	12
3.7.	Test data	14
4.	Peak-to-Average Ratio	18
4.1.	Test equipment	18
4.2.	Block diagram of test setup	18
4.3.	Limits.....	18
4.4.	Assistant equipment used for test	18
4.5.	Test procedure	18
4.6.	Test result	19
4.7.	Test data	19
5.	99% & -26 dB Occupied Bandwidth	22
5.1.	Test equipment	22
5.2.	Block diagram of test setup	22
5.3.	Assistant equipment used for test	22
5.4.	Test procedure	22
5.5.	Test result	22
5.6.	Test data	24
6.	Modulation Characteristics	34
6.1.	Assess result.....	34
7.	Conducted Spurious Emissions&Band Edge	35

7.1.	Test equipment	35
7.2.	Block diagram of test setup	35
7.3.	Limits.....	35
7.4.	Assistant equipment used for test	35
7.5.	Test procedure.....	35
7.6.	Test result	36
7.7.	Test data	36
8.	ERP, EIRP Measurement.....	57
8.1.	Test equipment	57
8.2.	Block diagram of test setup	57
8.3.	Limits.....	58
8.4.	Assistant equipment used for test	58
8.5.	Test procedure.....	58
8.6.	Test result	58
8.7.	Test data	59
9.	Field Strength of Spurious Radiation.....	75
9.1.	Test equipment	75
9.2.	Block diagram of test setup	75
9.3.	Limits.....	76
9.4.	Assistant equipment used for test	76
9.5.	Test procedure.....	76
9.6.	Test result	77
9.7.	Test data	77
10.	Frequency stability vs. temperature	82
10.1.	Test equipment	82
10.2.	Block diagram of test setup	82
10.3.	Limits.....	82
10.4.	Assistant equipment used for test	82
10.5.	Test procedure.....	82
10.6.	Test result	83
10.7.	Test data	84
11.	Frequency stability vs. voltage	85
11.1.	Test equipment	85
11.2.	Block diagram of test setup	85
11.3.	Limits.....	85
11.4.	Assistant equipment used for test	85
11.5.	Test procedure.....	85
11.6.	Test result	86

11.7. Test data..... 86

12. Test Setup Photograph..... 87

13. Photos of the EUT 89

Test Report Declare

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Address of Applicant	:	38 BEACH ROAD #29-11 SOUTH BEACH TOWER SINGAPORE (189767)
Manufacturer	:	GEOMATE POSITIONING PTE. LTD.
Address of Manufacturer	:	38 BEACH ROAD #29-11 SOUTH BEACH TOWER SINGAPORE (189767)
Equipment under Test	:	Remote Controller
Model No./HVIN	:	R100
Trademark	:	

Test Standard Used:

FCC CFR Title 47 Part 2, FCC CFR Title 47 Part 22 Subpart H, FCC CFR Title 47 Part 24 Subpart E, FCC CFR Title 47 Part 27, FCC CFR Title 47 Part 90, RSS-130 issue 2, RSS-132 issue 4, RSS-133 issue 6, RSS-139 Issue 4, RSS-199 issue 4, RSS-Gen Issue 5, ANSI C63.26:2015

We Declare:

The equipment described above is tested by Shenzhen Alpha Product Testing Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	A2507399-C03-R04		
Date of Receipt:	2025/09/17	Date of Test:	2025/09/17 - 2025/12/24

Prepared By:

Yannis Wen/Engineer

Approved By:

Jack Xu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen Alpha Product Testing Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
V0	Initial issue	2025/12/24	Yannis Wen

1. Summary of Test Results

No.	Test Parameter	Clause No.	Result
1	Conducted Output Power	Part 2.1046,Part 22.913(a) (5), Part 27.50 (d)(4),Part 27.50 (h), RSS-132 (5.4), RSS-199(4.4)	Pass
2	Peak-to-Average Ratio	Part 2.1046,Part 22.913(d), Part 27.50(d), RSS-132 (5.4), RSS-199(4.4)	Pass
3	99% & -26 dB Occupied Bandwidth	Part 2.1049,Part 22.917, Part 27.53(a) , RSS-132 (3.1), RSS-199(4.2)	Pass
4	Modulation Characteristics	Part 2.1047, RSS-132 (5.2), RSS-199(4.1)	Pass
5	Conducted Spurious Emissions&Band Edge	Part 22.917 (a), Part 27.53(h)/(m), RSS-132 (5.5), RSS-199(4.5)	Pass
6	ERP, EIRP Measurement	FCC part22.913(a), FCC part 27.50(h) and FCC part 27.53, RSS-132 (5.4), RSS-199(4.4)	Pass
7	Field Strength of Spurious Radiation	Part 2.1053,Part 22.917 (a), Part 27.53 (h)/(m), RSS-132 (5.5),RSS-199(4.5)	Pass
8	Frequency stability vs. temperature	Part 2.1055(a)(1)(b), RSS-132 (5.3), RSS-199(4.3)	Pass
9	Frequency stability vs. voltage	Part 2.1055(d)(1)(2), RSS-132 (5.3), RSS-199(4.3)	Pass
Note: 1.N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard. 2. Decision rules for the conclusion of this test report: decision by actual test data without considering measurement uncertainty.			

Software Information			
Test Item	Software Name	Manufacturer	Version
RE	EZ-EMC	Farad	Alpha-3A1
RF-CE	MTS 8310	MWRFtest	V2.0.0.0

2. General Test Information

2.1. Description of EUT

EUT Name	: Remote Controller
Model Number/HVIN	: R100
Difference of model number	: /
Power Supply	: AC 100-240V 50/60Hz 1A(Max), DC 3.7V From Battery
Hardware Version	: V1.0
Software Version	: V1.0

Radio Specification	: LTE
Operation Frequency	: LTE Band 5/7
Modulation	: QPSK, 16QAM
Channel Bandwidth	: LTE Band 5: 1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz
TX Frequency	: LTE Band 5: 824 ~ 849 MHz LTE Band 7: 2500 ~ 2570 MHz
Antenna Type	: FPC Antenna
Max Antenna Gain(dBi)	: 4Bi.(Antenna information is provided by applicant.) : There is WWAN diversity antenna inside the product, which is only for receiving function.

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

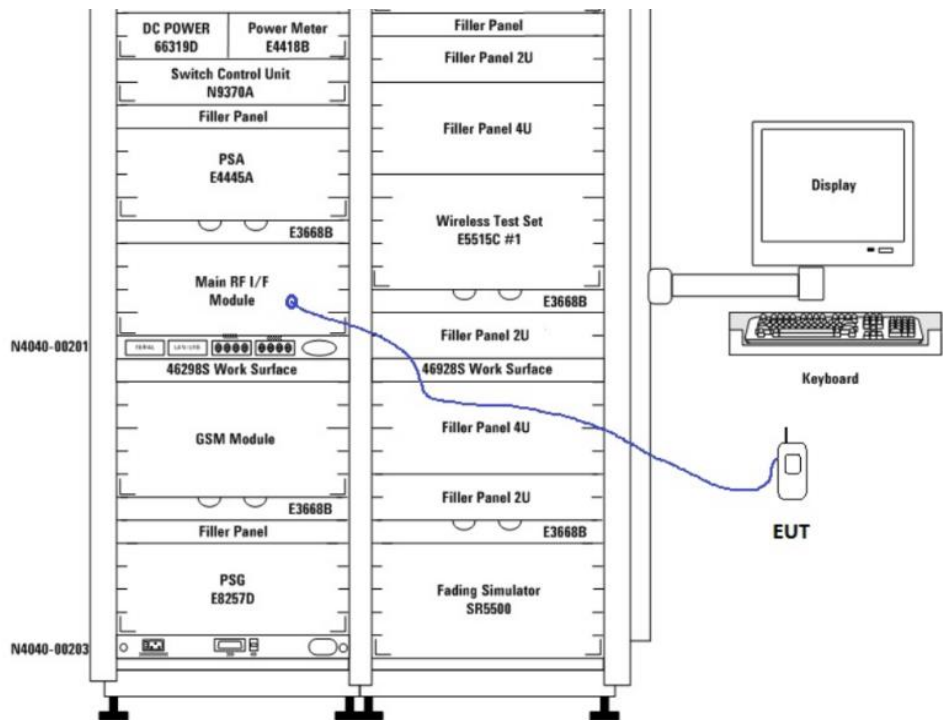
“☒” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

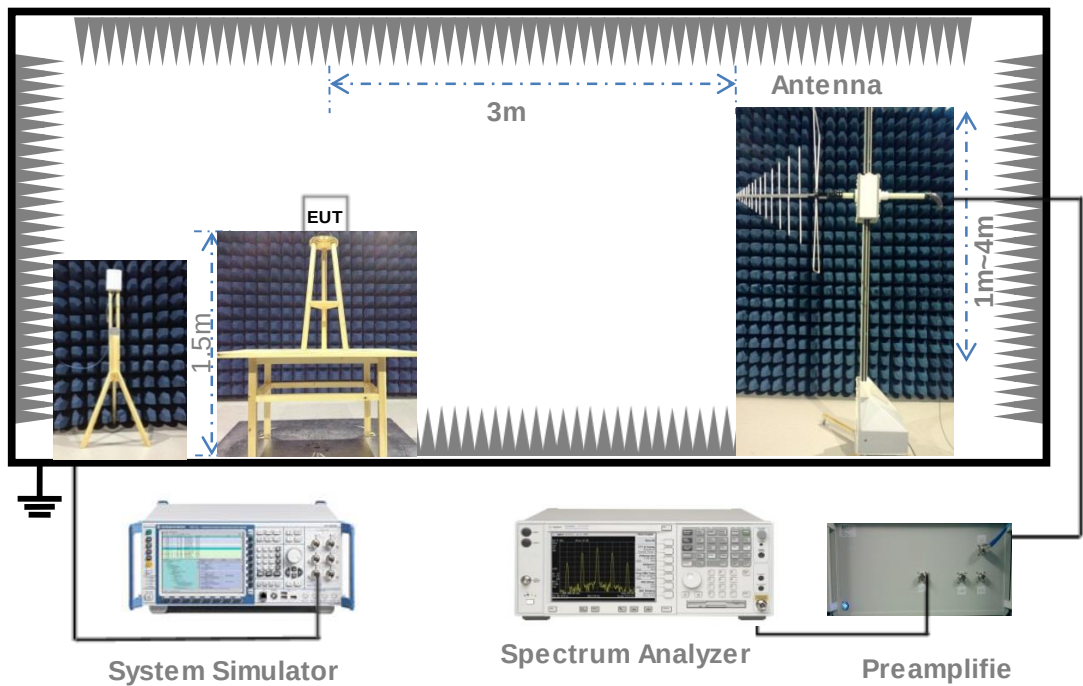
Accessories	Manufacturer	Model number	Description
AC/DC ADAPTER	Dongguan GaoFanDe Technology Co., Ltd.	GFDA7-09004000U	Input: 100~240V~50/60Hz 1A Max Output: 9.0V=4.0A

2.3. Block diagram of EUT configuration for test

Conducted Test Setup



Radiated Test Setup



2.4. Test mode description

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Test modes		
Band	Radiated	Conducted
LTE Band 5	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link

LTE Band 7	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
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Note: Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas License Digital Systems v03r1 with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Items	Required
Temperature range:	15-35°C
Humidity range:	25-75%
Pressure range:	86-106kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Shenzhen Alpha Product Testing Co., Ltd.

Add.: Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen City, Guangdong Province, P.R. China.

Tel.: 4008-3008-95, Website: <http://www.a-lab.cn>, Email: service@a-lab.cn

CNAS Accreditation No. L7472; A2LA Accreditation Number: 4762.01

FCC Designation Number: CN1182, Test Firm Registration Number: 203110

Innovation, Science and Economic Development Canada Site Registration Number: 12135A

CAB identifier: CN0085

2.8. Measurement uncertainty

Item	Uncertainty
Uncertainty for Power point Conducted Emissions Test	1.63dB
Uncertainty for Radiation Emission test in 3m chamber (below 30MHz)	3.5dB
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	3.74dB(Polarize: V)
	3.76dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (1GHz to 25GHz)	3.77dB(Polarize: V)
	3.80dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (18GHz to 40GHz)	4.31 dB(Polarize: V)
	4.30 dB(Polarize: H)
Uncertainty for radio frequency	5.06×10^{-8} GHz
Uncertainty for conducted RF Power	0.40dB
Uncertainty for temperature	0.2°C

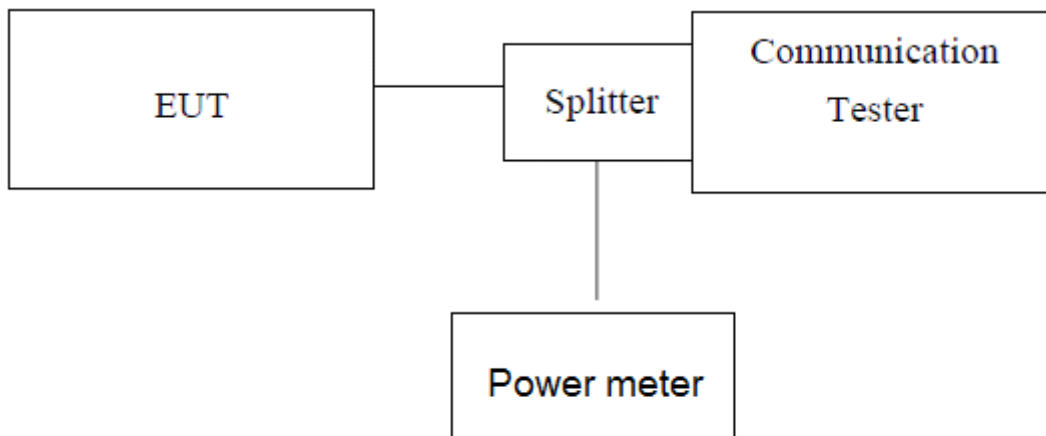
Uncertainty for humidity	1%
Uncertainty for DC and low frequency voltages	0.06%

3. Conducted Output Power

3.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal Due To
CMW500	ROHDE&SCH WARZ	CMW500	Ab-EE010	2025/08/04	2026/08/03
Spectrum analyzer	Keysight	N9020A	Aa-EE104	2025/08/04	2026/08/03

3.2. Block diagram of test setup



Note: Measurement setup for testing on Antenna connector

3.3. Limits

LTE Band 5: 3W

LTE Band 7: 2W

3.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

3.5. Test procedure

The transmitter output port was connected to base station.

The RF output of EUT was connected to the power meter by RF cable and attenuator, the path loss was compensated to the results for each measurement.

Set EUT at maximum power through base station.

Select lowest, middle, and highest channels for each band and different modulation.

Measure the maximum burst average power.

Refer to ANSI C63.26:2015 for details

3.6. Test result

Test Site: RF Laboratory	Test Date: 2025/09/17--2025/10/23
Condition: 24.3°C,56%RH,101kPa	Test Engineer: Yannis Wen
Memo: /	

EUT Name: Remote Controller	EUT Model: R100
Sample No.: A2507399-S0001	Test Mode: All modes
Power supply: DC 3.7V from battery	Memo: /

/

3.7. Test data

LTE Band5

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20417/825.7	20525/836.5	20643/848.3
1.4MHz	QPSK	1	0	23.72	23.26	23.40
			2	24.16	23.37	23.46
			5	23.55	23.55	23.72
		3	0	24.10	23.34	23.51
			2	23.33	23.62	23.51
			3	23.94	23.63	23.85
		6	0	23.29	23.64	23.45
	QAM16	1	0	23.58	23.61	23.83
			2	23.80	23.66	23.75
			5	23.63	23.27	23.98
		3	0	23.72	23.79	23.30
			2	23.91	23.97	23.52
			3	23.85	23.80	23.47
		6	0	23.63	23.39	23.58

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20425/826.5	20525/836.5	20635/847.5
3MHz	QPSK	1	0	23.80	23.65	23.77
			7	23.38	24.04	23.73
			14	23.83	23.58	23.93
		8	0	23.92	24.19	23.84
			4	23.85	23.74	24.04
			7	24.05	23.72	23.80
		15	0	23.67	23.80	23.60
	QAM16	1	0	24.18	23.25	24.21
			7	23.50	24.00	23.53
			14	23.38	23.64	23.80
		8	0	24.03	23.89	23.72
			4	23.54	23.77	23.37
			7	23.74	23.58	23.46
		15	0	23.85	23.67	23.63

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20435/827.5	20525/836.5	20625/846.5
5MHz	QPSK	1	0	23.82	23.86	23.70
			13	23.69	24.09	23.53
			24	23.67	23.80	24.15
		12	0	23.27	24.07	24.19
			6	23.38	23.74	23.78
			13	23.63	24.36	23.83
		25	0	23.32	23.57	23.56
	QAM16	1	0	23.95	23.33	23.77
			13	23.58	23.62	23.77
			24	23.88	23.43	24.08
		12	0	23.45	23.48	23.81
			6	23.62	24.04	24.20
			13	23.27	23.37	23.79
		25	0	23.82	24.18	23.92

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20460/830	20525/836.5	20600/844
10MHz	QPSK	1	0	23.84	23.72	24.25
			25	23.88	24.21	23.89
			49	24.05	23.58	23.79
		25	0	23.37	23.82	23.74
			13	23.97	23.99	24.02
			25	23.77	24.00	24.24
		50	0	23.61	24.00	24.21
	QAM16	1	0	23.70	24.16	24.35
			25	23.90	23.65	23.75
			49	23.84	24.35	24.00
		25	0	24.22	23.69	24.02
			13	24.03	23.86	23.53
			25	24.12	23.64	24.09
		50	0	23.88	23.34	23.76

LTE Band7

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20775/2502.5	21100/2535	21425/2567.5
5MHz	QPSK	1	0	22.80	22.40	22.24
			13	22.89	22.05	22.57
			24	22.10	22.11	22.44
		12	0	22.35	22.15	22.72
			6	22.71	22.17	23.30
			13	23.47	23.86	23.12
		25	0	22.99	23.47	22.05
	QAM16	1	0	23.02	22.45	22.40
			13	23.22	22.34	22.92
			24	22.51	22.57	22.34
		12	0	23.44	22.24	22.46
			6	23.35	22.07	22.28
			13	22.73	22.95	23.58
		25	0	22.86	23.02	22.25

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20800/2505	21100/2535	21400/2565
10MHz	QPSK	1	0	23.50	21.58	22.83
			25	23.19	21.55	22.94
			49	23.97	21.59	22.54
		25	0	23.81	22.70	22.70
			13	23.90	22.00	23.40
			25	24.21	23.42	22.82
		50	0	23.06	22.67	23.12
	QAM16	1	0	23.66	22.45	22.95
			25	23.40	23.27	22.81
			49	23.73	22.62	22.24
		25	0	23.85	23.25	22.13
			13	23.44	22.30	22.98
			25	23.38	21.87	23.70
		50	0	23.30	22.09	22.45

Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20825/2507.5	21100/2535	21375/2562.5
15MHz	QPSK	1	0	22.63	22.79	22.34
			38	22.21	22.45	22.49
			74	22.88	22.12	21.80
		36	0	23.04	22.08	23.38
			18	22.34	22.74	22.99
			39	23.64	23.82	21.73
		75	0	23.26	22.59	22.41
	QAM16	1	0	22.90	22.11	22.44
			38	23.17	23.01	22.38
			74	22.34	22.76	21.73
		36	0	22.60	23.29	21.74
			18	22.86	22.78	21.87
			39	22.62	22.05	23.22
		75	0	22.89	22.48	22.53

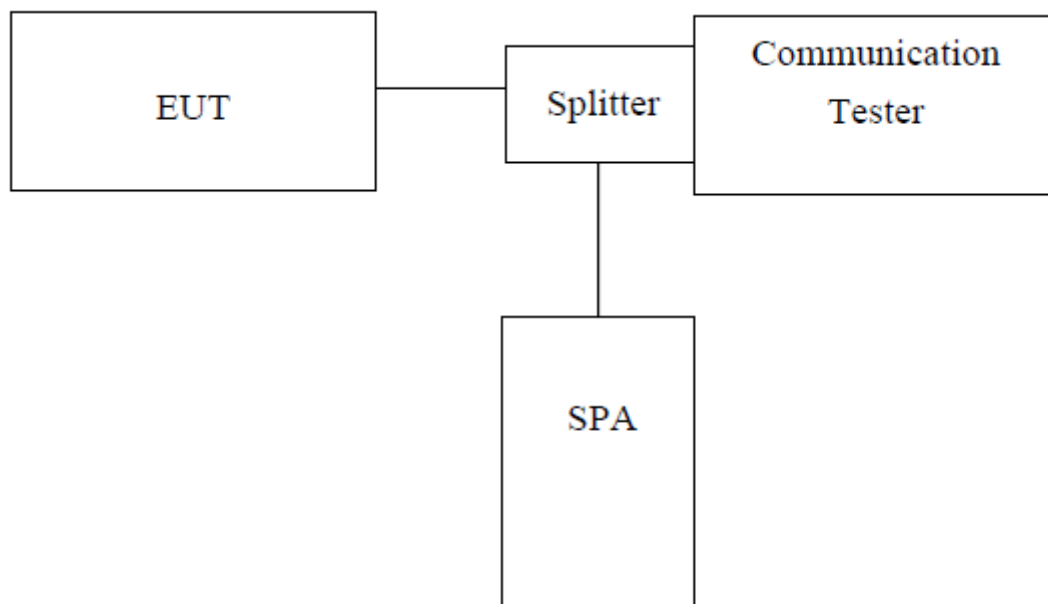
Bandwidth	Modulation	RB size	RB offset	Output Power (dBm) for low/mid/high channel		
				20850/2510	21100/2535	21350/2560
20MHz	QPSK	1	0	23.34	22.63	22.60
			50	22.01	22.26	22.00
			99	22.48	22.21	22.43
		50	0	22.54	22.53	23.04
			25	22.39	22.95	22.84
			50	23.54	23.57	22.29
		100	0	22.74	22.66	22.04
	QAM16	1	0	23.21	22.72	22.30
			50	23.09	22.53	22.15
			99	22.63	22.49	22.02
		50	0	22.61	23.30	22.31
			25	22.98	22.76	22.59
			50	22.87	22.34	22.80
		100	0	22.33	23.12	22.71

4. Peak-to-Average Ratio

4.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal Due To
CMW500	ROHDE&SCH WARZ	CMW500	Ab-EE010	2025/08/04	2026/08/03
Spectrum analyzer	Keysight	N9020A	Aa-EE104	2025/08/04	2026/08/03

4.2. Block diagram of test setup



Note: Measurement setup for testing on Antenna connector

4.3. Limits

Used complementary cumulative distribution function (CCDF) of analyzer to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time

4.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

4.5. Test procedure

The testing follows FCC KDB 971168 D01 v03r01 Section 5.7

The EUT was connected to spectrum and system simulator via a power divider

Using the CCDF measurement of spectrum analyzer;

Set $RBW \geq OBW$ or specified reference bandwidth;

Set the number of counts to a value that stabilizes the measured CCDF curve;

Set the measurement interval as 1ms

Record the maximum PAPR level associated with a probability of 0.1%.

Refer to ANSI C63.26:2015 for details.

4.6. Test result

Test Site: RF Laboratory	Test Date: 2025/09/17--2025/12/24
Condition: 24.3°C,56%RH,101kPa	Test Engineer: Yannis Wen
Memo: Only show the test data of the worst case.	

EUT Name: Remote Controller	EUT Model: R100
Sample No.: A2507399-S0001	Test Mode: All modes
Power supply: DC 3.7V from battery	Memo: /

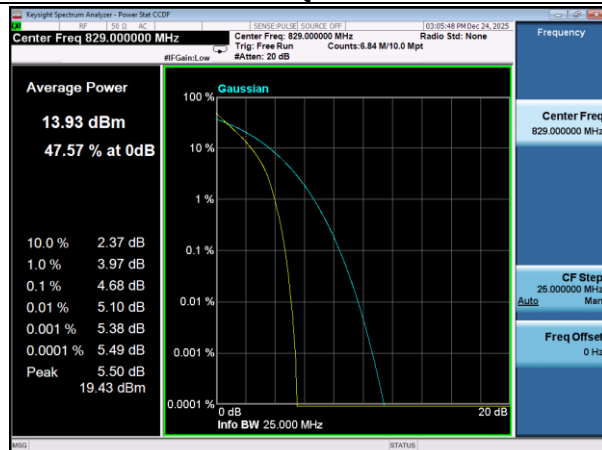
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4.7. Test data

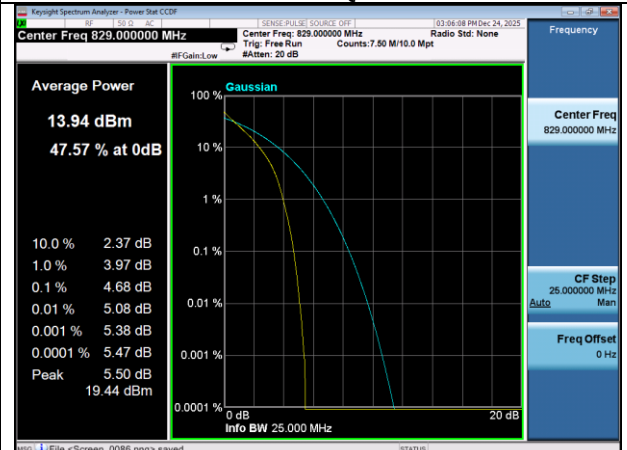
Test plots are listed as below:

Test mode	Peak to Average Ratio (dB)	Limit (dB)	Result
LTE Band 5 Lowest channel/10MHz/QPSK	4.68	13	Pass
LTE Band 5 Lowest channel/10MHz/16-QAM	4.68	13	Pass
LTE Band 5 Middle channel/10MHz/QPSK	4.89	13	Pass
LTE Band 5 Middle channel/10MHz/16-QAM	4.90	13	Pass
LTE Band 5 Highest channel/10MHz/QPSK	4.78	13	Pass
LTE Band 5 Highest channel/10MHz/16-QAM	4.78	13	Pass
LTE Band 7 Lowest channel/20MHz/QPSK	4.72	13	Pass
LTE Band 7 Lowest channel/20MHz/16-QAM	4.71	13	Pass
LTE Band 7 Middle channel/20MHz/QPSK	4.47	13	Pass
LTE Band 7 Middle channel/20MHz/16-QAM	4.46	13	Pass
LTE Band 7 Highest channel/20MHz/QPSK	4.76	13	Pass
LTE Band 7 Highest channel/20MHz/16-QAM	4.71	13	Pass

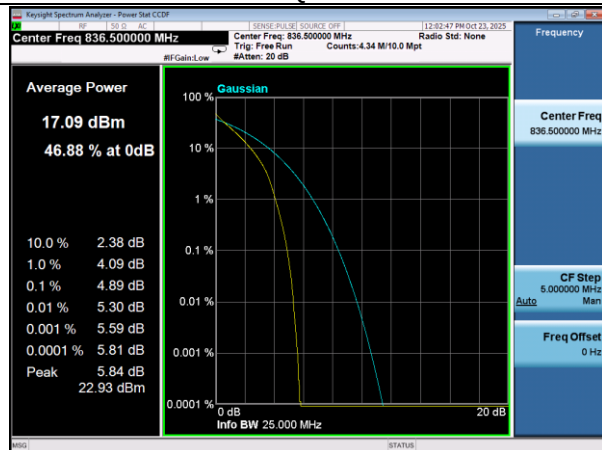
Test Mode: LTE Band 5
Lowest channel/10MHz/QPSK



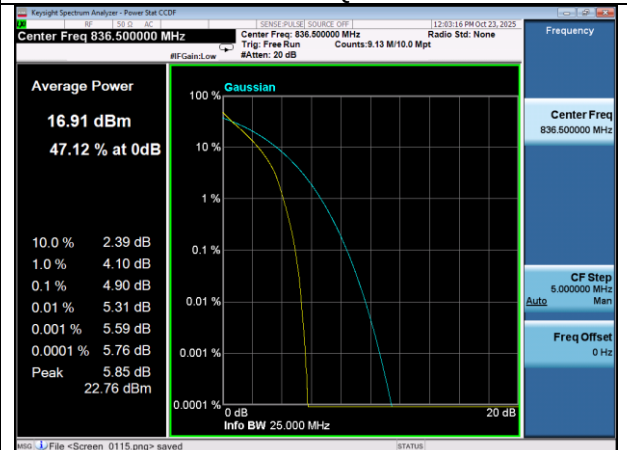
Test Mode: LTE Band 5
Lowest channel/10MHz/16-QAM



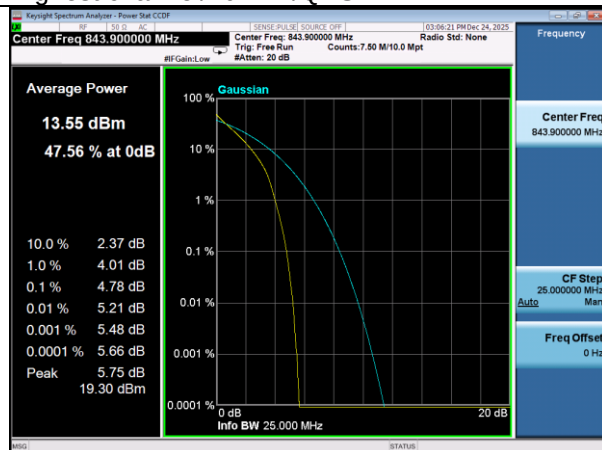
Test Mode: LTE Band 5
Middle channel/10MHz/QPSK



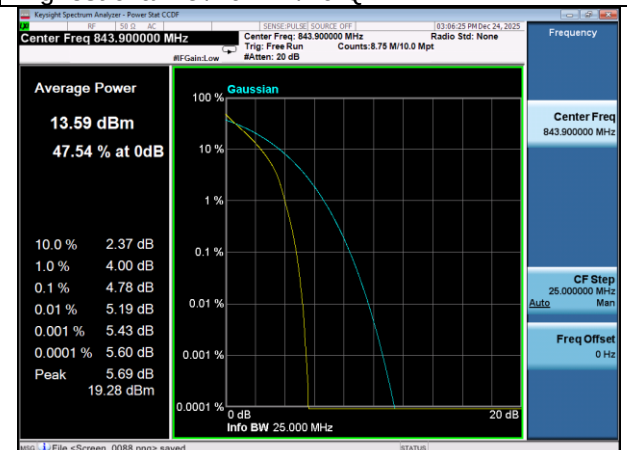
Test Mode: LTE Band 5
Middle channel/10MHz/16-QAM



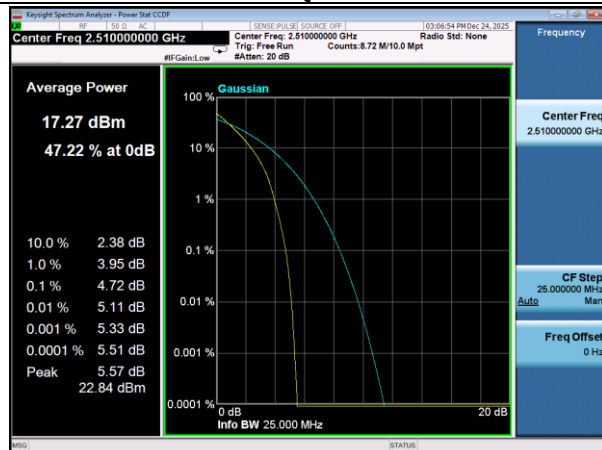
Test Mode: LTE Band 5
Highest channel/10MHz/QPSK



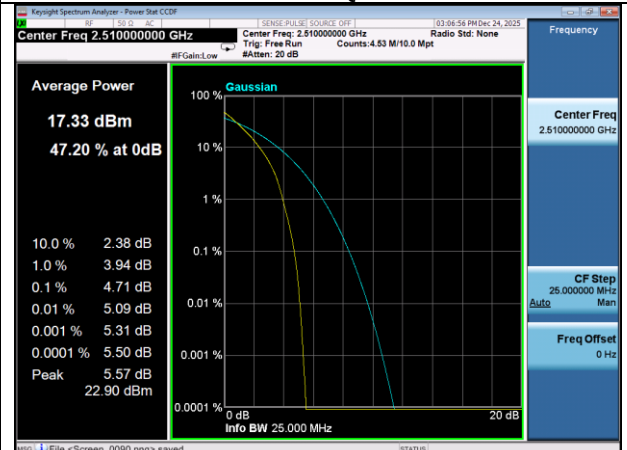
Test Mode: LTE Band 5
Highest channel/10MHz/16-QAM



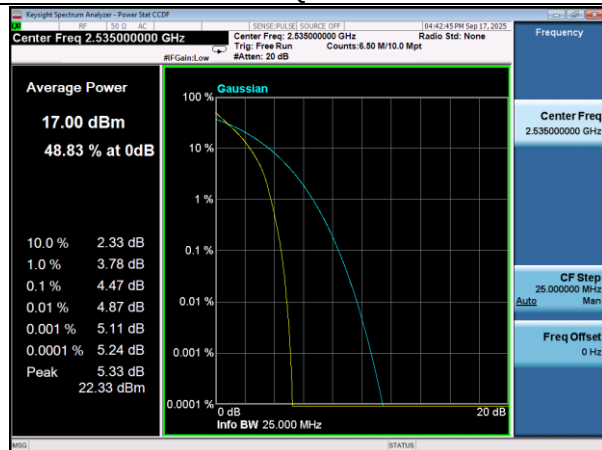
Test Mode: LTE Band 7
Lowest channel/20MHz/QPSK



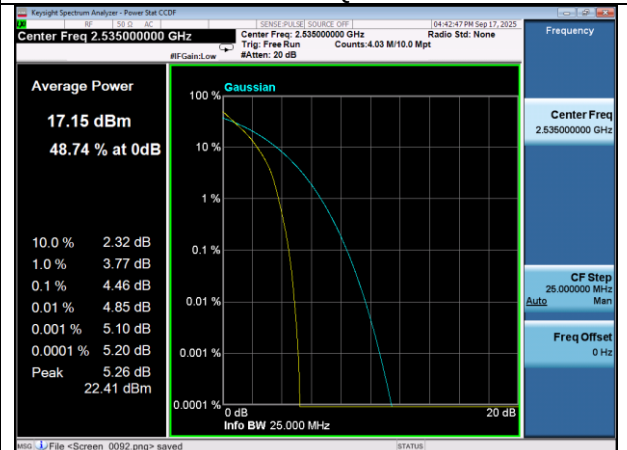
Test Mode: LTE Band 7
Lowest channel/20MHz/16-QAM



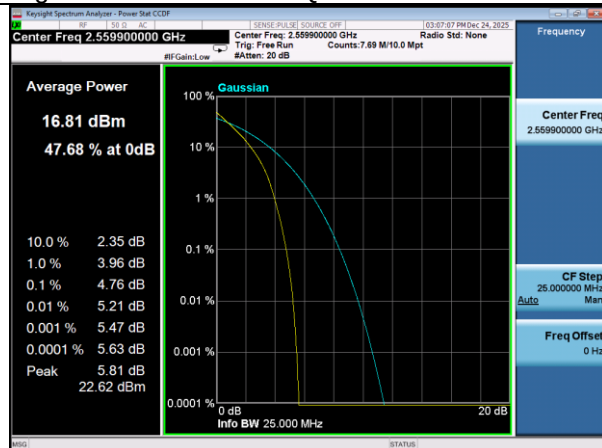
Test Mode: LTE Band 7
Middle channel/20MHz/QPSK



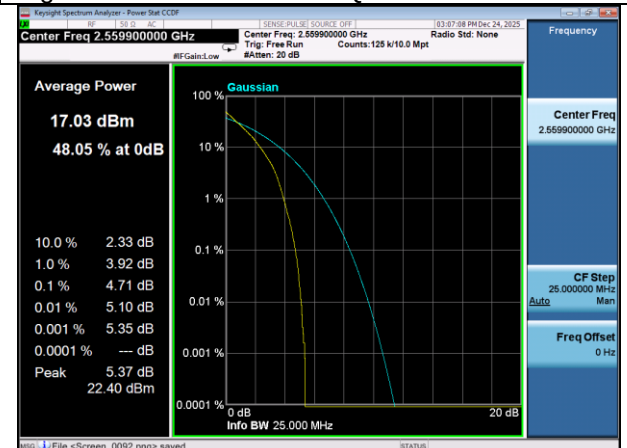
Test Mode: LTE Band 7
Middle channel/20MHz/16-QAM



Test Mode: LTE Band 7
Highest channel/20MHz/QPSK



Test Mode: LTE Band 7
Highest channel/20MHz/16-QAM

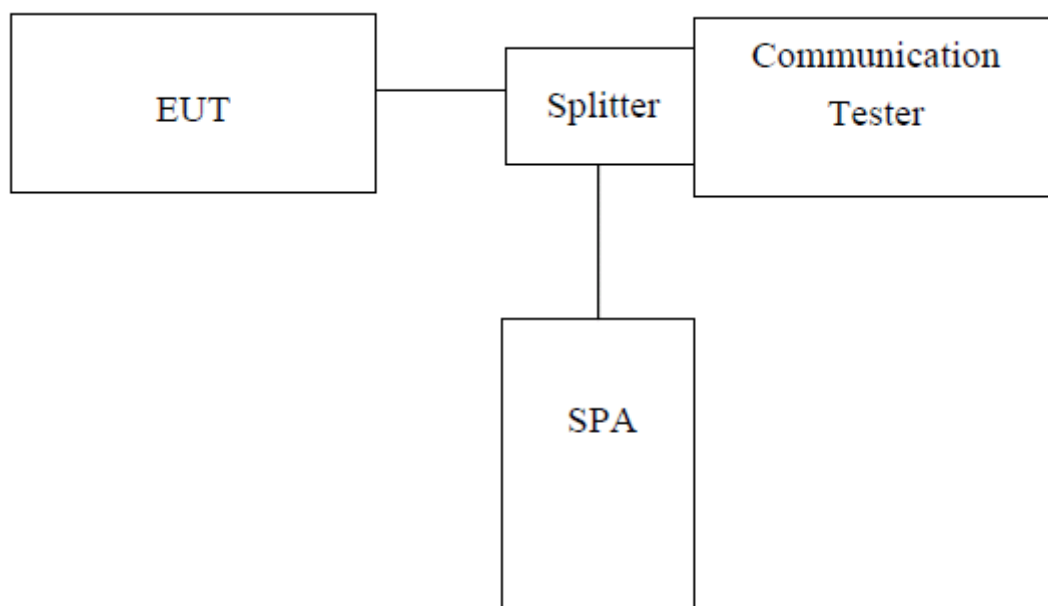


5. 99% & -26 dB Occupied Bandwidth

5.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal Due To
CMW500	ROHDE&SCH WARZ	CMW500	Ab-EE010	2025/08/04	2026/08/03
Spectrum analyzer	Keysight	N9020A	Aa-EE104	2025/08/04	2026/08/03

5.2. Block diagram of test setup



Note: Measurement setup for testing on Antenna connector

5.3. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

5.4. Test procedure

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, set center frequency to channel center frequency.

RBW was set to about 1%-5% of emission OBW, VBW $\geq$ 3 X RBW.

Set spectrum analyzer detection mode to peak, and the trace mode to max hold.

Use the 99% OBW function, The 99% power OBW can be found on the plot, determine the "-26dB amplitude" as equal to reference value -26dB.

Refer to ANSI C63.26:2015 for details

5.5. Test result

Test Site: RF Laboratory	Test Date: 2025/09/17--2025/12/20
Condition: 24.3°C,56%RH	Test Engineer: Yannis Wen

Memo: /

EUT Name: Remote Controller	EUT Model: R100
Sample No.: A2507399-S0001	Test Mode: All modes
Power supply: DC 3.7V from battery	Memo: /

/

5.6. Test data

Measurement Data

Band5						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	20407	824.7	1.0913	1.240
		3	20415	825.5	2.7404	3.088
		5	20425	826.5	4.5060	4.975
		10	20450	829	8.9203	9.652
	QAM16	1.4	20407	824.7	1.0916	1.236
		3	20415	825.5	2.7345	3.063
		5	20425	826.5	4.5122	4.970
		10	20450	829	8.9195	9.648

Band5						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	20530	837	1.0958	1.245
		3	20530	837	2.7536	3.062
		5	20530	837	4.4967	4.937
		10	20530	837	8.9436	9.686
	QAM16	1.4	20530	837	1.0955	1.247
		3	20530	837	2.7514	3.053
		5	20530	837	4.4987	4.962
		10	20530	837	8.9524	9.672

Band5						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	1.4	20642	848.2	1.0920	1.241
		3	20634	847.4	2.7419	3.056
		5	20624	846.4	4.4992	4.957
		10	20599	843.9	8.9367	9.626
	QAM16	1.4	20642	848.2	1.0885	1.240
		3	20634	847.4	2.7444	3.050
		5	20624	846.4	4.5023	4.918
		10	20599	843.9	8.9292	9.624

Band7						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	20780	2503	4.4989	4.959
		10	20800	2505	8.9247	9.643
		15	20830	2508	13.415	14.67
		20	20850	2510	17.840	19.24
	QAM16	5	20780	2503	4.5044	4.918
		10	20800	2505	8.9285	9.581
		15	20830	2508	13.407	14.54
		20	20850	2510	17.838	19.23

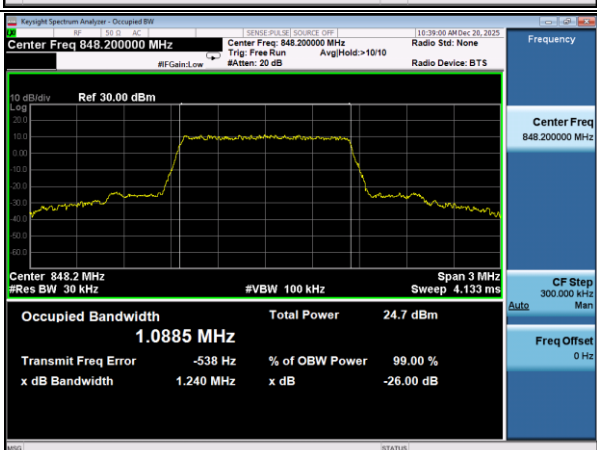
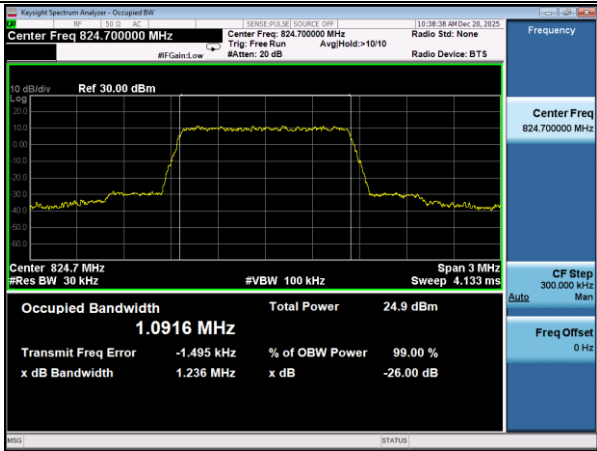
Band7						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	21100	2535	4.5193	4.964
		10	21100	2535	8.9474	9.709
		15	21100	2535	13.488	14.76
		20	21100	2535	17.901	19.28
	QAM16	5	21100	2535	4.5157	4.961
		10	21100	2535	8.9416	9.661
		15	21100	2535	13.460	14.65
		20	21100	2535	17.880	19.24

Band7						
RB	Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	99% Power Bandwidth(MHz)	-26dBc Bandwidth(MHz)
100%	QPSK	5	21420	2567	4.5140	4.969
		10	21400	2565	8.9338 9.622	9.622
		15	21370	2562	13.435	14.73
		20	21350	2560	17.886	19.48
	QAM16	5	21420	2567	4.5114	4.960
		10	21400	2565	8.9460	9.583
		15	21370	2562	13.420	14.63
		20	21350	2560	17.889	19.34

Test plot as follows:

Test Mode: LTE Band 5
Channel Bandwidth: 1.4MHz

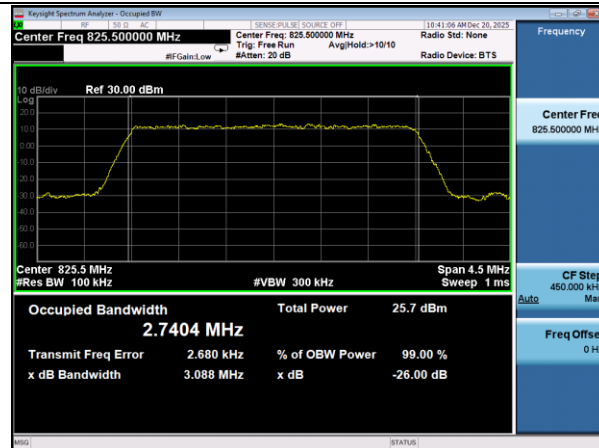
Test Mode: LTE Band 5
Channel Bandwidth: 1.4MHz



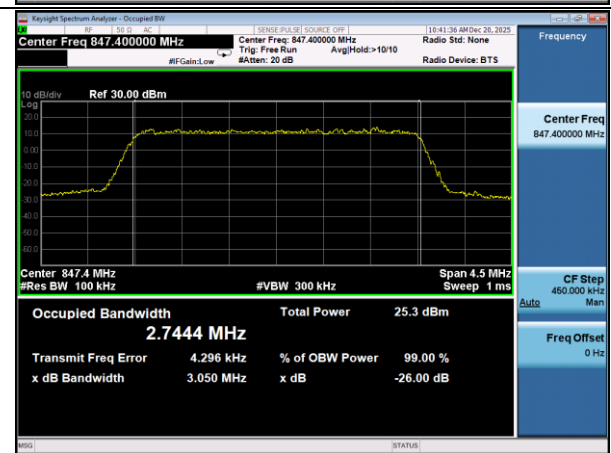
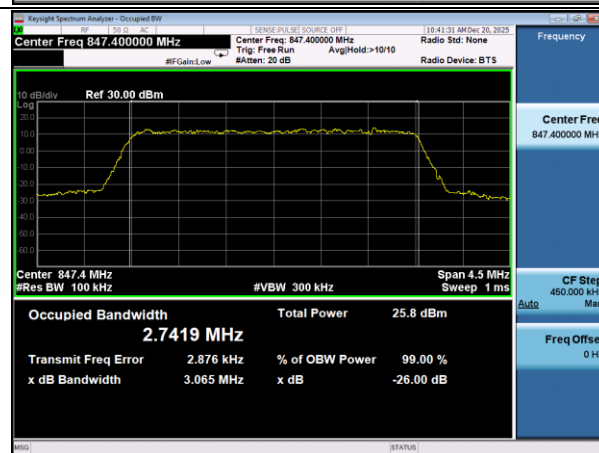
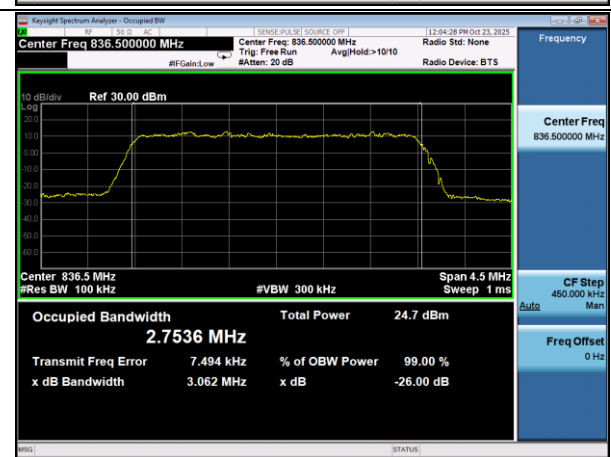
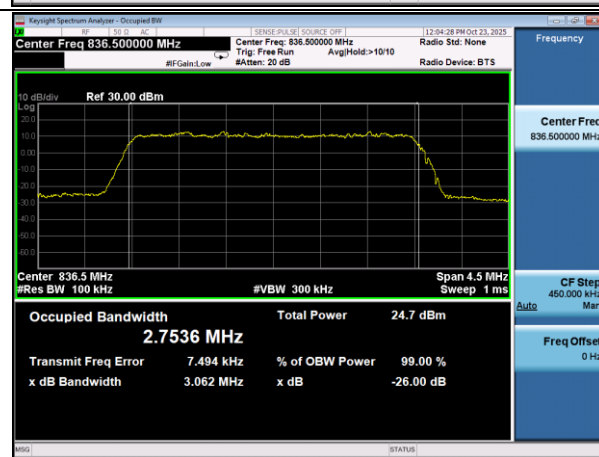
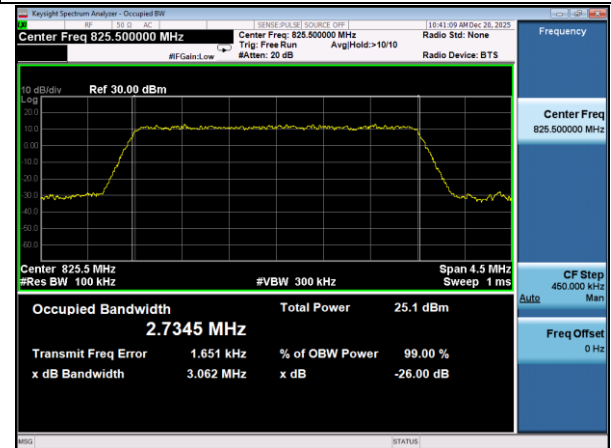
QPSK

16-QAM

Test Mode: LTE Band 5
Channel Bandwidth: 3MHz



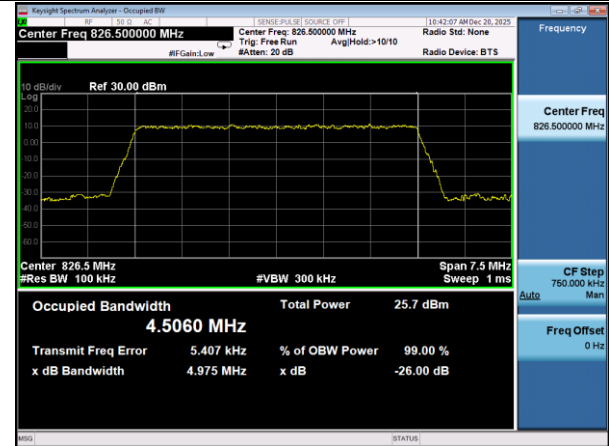
Test Mode: LTE Band 5
Channel Bandwidth: 3MHz



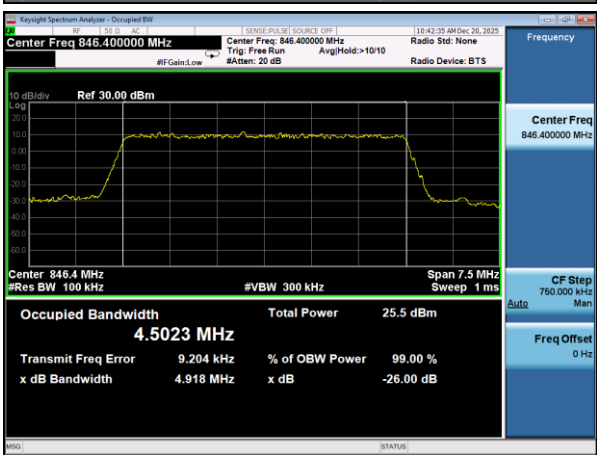
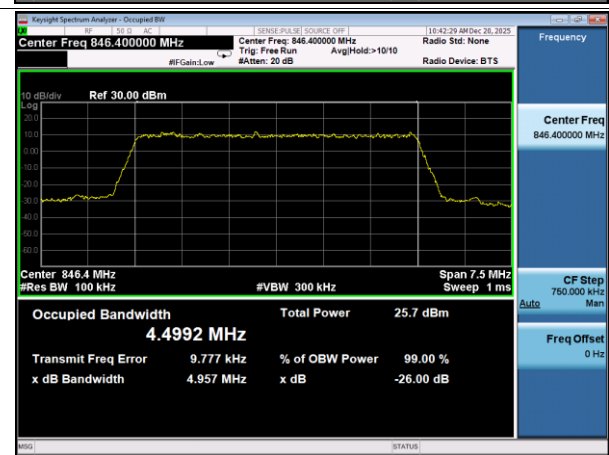
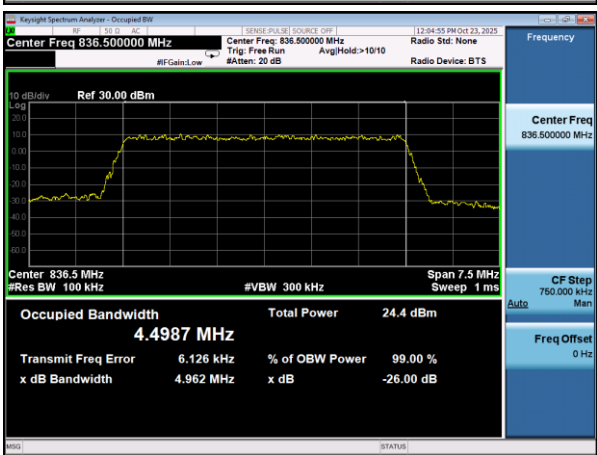
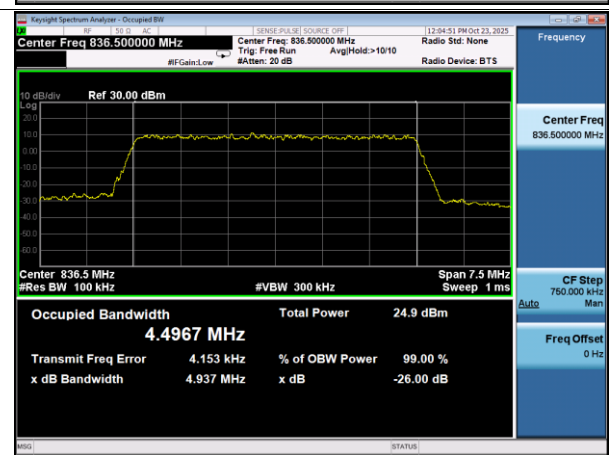
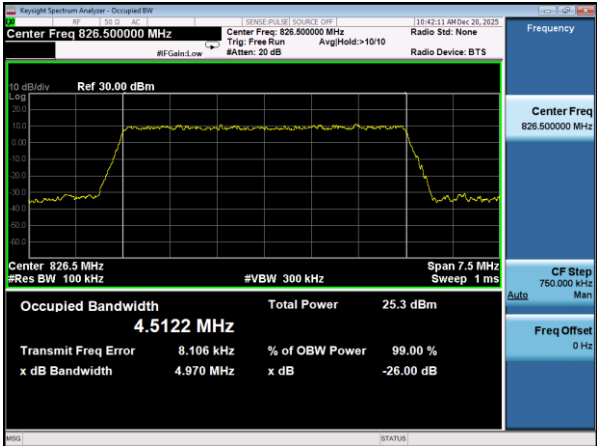
QPSK

16-QAM

Test Mode: LTE Band 5
Channel Bandwidth: 5MHz



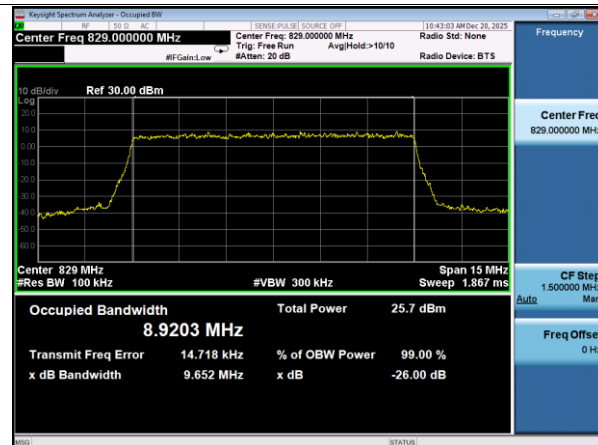
Test Mode: LTE Band 5
Channel Bandwidth: 5MHz



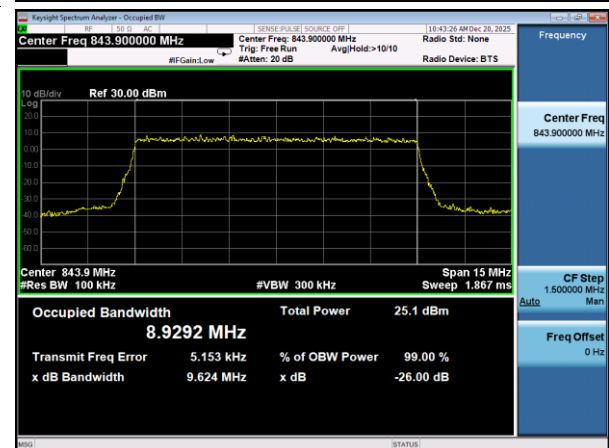
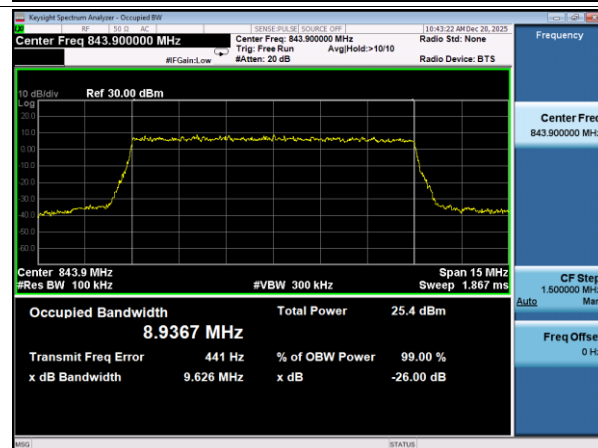
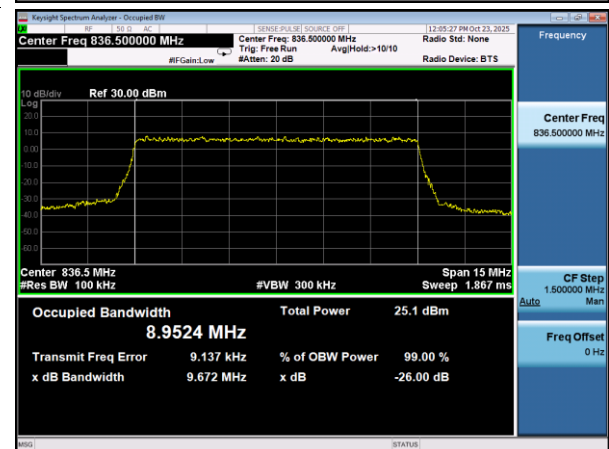
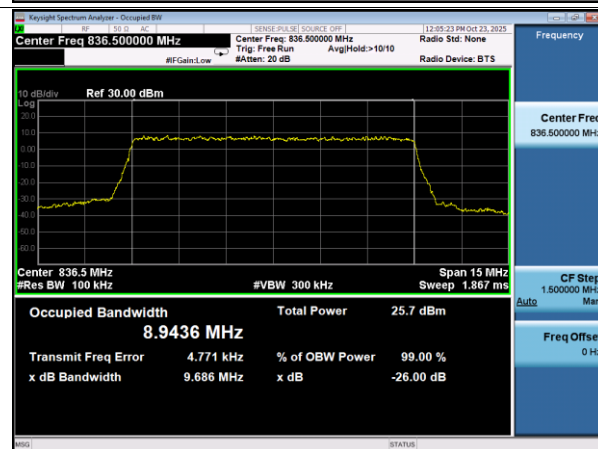
QPSK

16-QAM

Test Mode: LTE Band 5
Channel Bandwidth: 10MHz

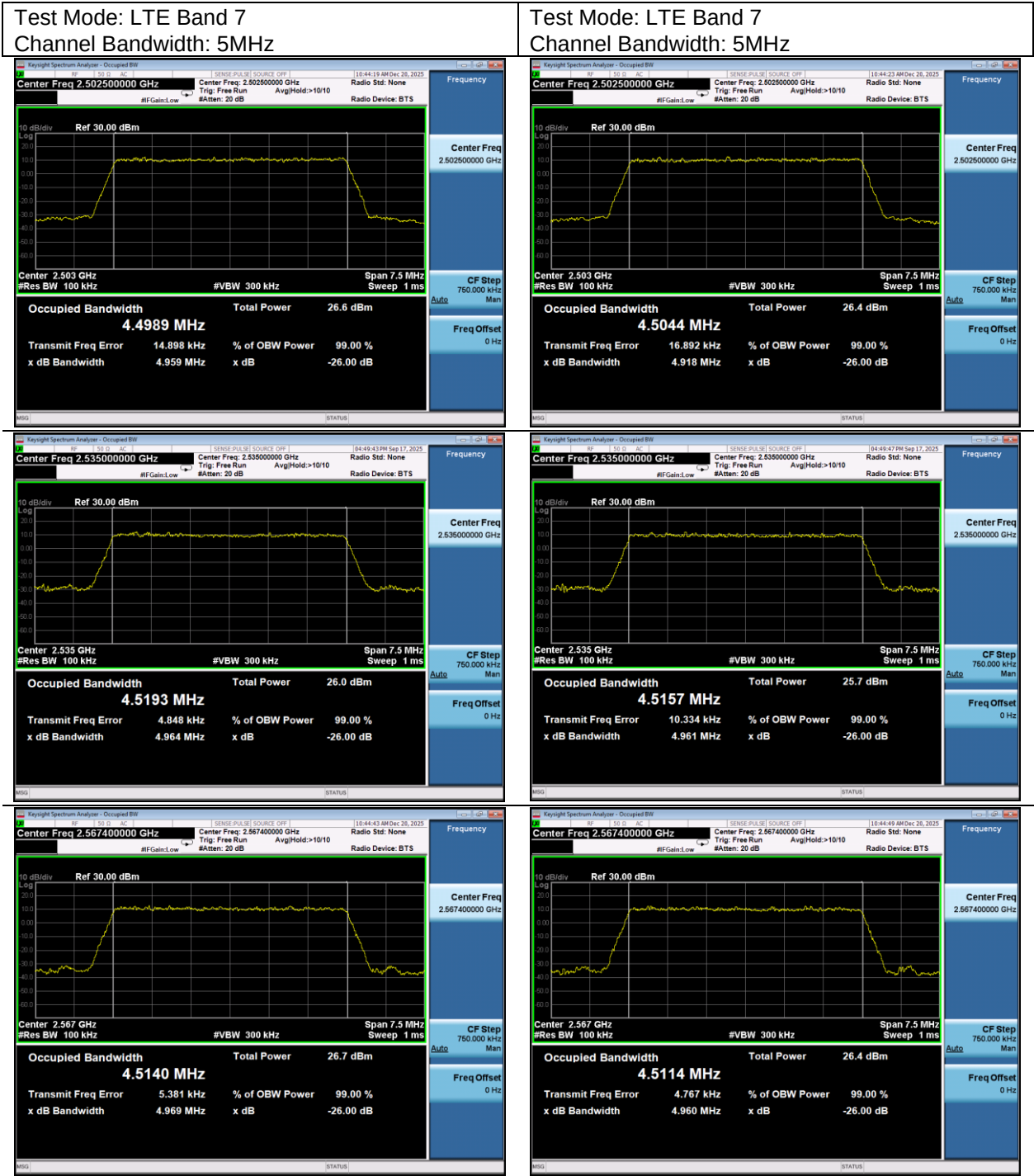


Test Mode: LTE Band 5
Channel Bandwidth: 10MHz



QPSK

16-QAM



QPSK

16-QAM