

TEST REPORT

FCC Test for RF4801d-25A
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2506-FC105-R1

DATE OF ISSUE
July 11, 2025

Tested by
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TEST REPORT

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HCT-RF-2506-FC105-R1

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Applicant	SAMSUNG Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
Product Name Model Name	RRU(RF4801d) RF4801d-25A
FCC ID	A3LRF4801D-25A
Date of Test	May 20, 2025 ~ June 30, 2025
Location of Test	☒ Permanent Testing Lab ☐ On Site Testing (Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea)
Test Standard Used	CFR 47 Part 2, Part 24, Part 27
Test Results	PASS

REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	June 30, 2025	Initial Release
1	July 11, 2025	Revised the typo in the power values of Section 1.2 Output Power for the bottom three B66/n66 2-carrier combinations on page 5 and the top three B25/n25 3-carrier combinations on page 6.

Notice

Content

Engineering Statement:

The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of the FCC Rules under normal use and maintenance.

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

The laboratory is not accredited for the test results marked *.

Information provided by the applicant is marked **.

Test results provided by external providers are marked ***.

When confirmation of authenticity of this test report is required, please contact www.hct.co.kr

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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1. GENERAL INFORMATION

1.1. APPLICANT INFORMATION

Company Name	Samsung Electronics Co., Ltd.
Company Address	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea

1.2. PRODUCT INFORMATION

EUT Type	RRU(RF4801d)			
EUT Serial Number	S61V410955, S61V410906, S61V410913			
Power Supply	DC: -48 V			
Frequency Range	B25, n25: 1 930 MHz ~ 1 990 MHz B66, n66: 2 110 MHz ~ 2 180 MHz			
Modulation Type	QPSK, 16QAM, 64QAM, 256QAM			
Output Power	Band	Carrier	Bandwidth	Power
	(4 Port) B25 LTE	1	5 MHz	40 W/path, Total: 160 W
	(4 Port) B25 LTE	1	10 MHz	60 W/path, Total: 240 W
	(4 Port) B25 LTE	1	15 MHz	60 W/path, Total: 240 W
	(4 Port) B25 LTE	1	20 MHz	80 W/path, Total: 320 W
	(4 Port) n25 5G NR	1	5 MHz	40 W/path, Total: 160 W
	(4 Port) n25 5G NR	1	10 MHz	60 W/path, Total: 240 W
	(4 Port) n25 5G NR	1	15 MHz	60 W/path, Total: 240 W
	(4 Port) n25 5G NR	1	20 MHz	80 W/path, Total: 320 W
	(4 Port) n25 5G NR	1	25 MHz	80 W/path, Total: 320 W
	(4 Port) n25 5G NR	1	30 MHz	80 W/path, Total: 320 W
	(4 Port) B66 LTE	1	5 MHz	40 W/path, Total: 160 W
	(4 Port) B66 LTE	1	10 MHz	60 W/path, Total: 240 W
	(4 Port) B66 LTE	1	15 MHz	60 W/path, Total: 240 W
	(4 Port) B66 LTE	1	20 MHz	80 W/path, Total: 320 W
	(4 Port) n66 5G NR	1	5 MHz	40 W/path, Total: 160 W
	(4 Port) n66 5G NR	1	10 MHz	60 W/path, Total: 240 W
	(4 Port) n66 5G NR	1	15 MHz	60 W/path, Total: 240 W
	(4 Port) n66 5G NR	1	20 MHz	80 W/path, Total: 320 W
	(4 Port) n66 5G NR	1	25 MHz	100 W/path, Total: 400 W
	(4 Port) n66 5G NR	1	30 MHz	100 W/path, Total: 400 W
	(4 Port) B25 LTE + B25 LTE	2	5 MHz + 5 MHz	60 W/path, Total: 240 W
	(4 Port) n25 5G NR + B25 LTE	2	5 MHz + 5 MHz	60 W/path, Total: 240 W
	(4 Port) n25 5G NR + n25 5G NR	2	5 MHz + 5 MHz	60 W/path, Total: 240 W
	(4 Port) B66 LTE + B66 LTE	2	5 MHz + 5 MHz	60 W/path, Total: 240 W
	(4 Port) n66 5G NR + B66 LTE	2	5 MHz + 5 MHz	60 W/path, Total: 240 W
	(4 Port) n66 5G NR + n66 5G NR	2	5 MHz + 5 MHz	60 W/path, Total: 240 W

	(4 Port) B25 LTE + B25 LTE + B25 LTE	3	10 MHz + 15 MHz + 20 MHz	80 W/path, Total: 320 W
	(4 Port) n25 5G NR + B25 LTE + B25 LTE	3	30 MHz + 5 MHz + 10 MHz	80 W/path, Total: 320 W
	(4 Port) n25 5G NR + n25 5G NR + n25 5G NR	3	5 MHz + 10 MHz + 30 MHz	80 W/path, Total: 320 W
	(4 Port) B66 LTE + B66 LTE + B66 LTE + B66 LTE + B66 LTE	5	5 MHz + 5 MHz + 10 MHz + 20 MHz + 20 MHz	100 W/path, Total: 400 W
	(4 Port) n66 5G NR + B66 LTE + B66 LTE + B66 LTE + B66 LTE	5	30 MHz + 5 MHz + 5 MHz + 5 MHz + 15 MHz	100 W/path, Total: 400 W
	(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + B66 LTE	5	5 MHz + 5 MHz + 15 MHz + 30 MHz + 5 MHz	100 W/path, Total: 400 W
	(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR	5	5 MHz + 5 MHz + 5 MHz + 15 MHz + 30 MHz	100 W/path, Total: 400 W
Emission Designator	Band	Bandwidth	Emission Designator	
			64QAM (W7D)	Conducted (W)
	(4 Port) B25 LTE	5 MHz	4M51W7D	133.75
	(4 Port) B25 LTE	10 MHz	9M01W7D	205.09
	(4 Port) B25 LTE	15 MHz	13M5W7D	209.29
	(4 Port) B25 LTE	20 MHz	18M0W7D	276.28
	(4 Port) n25 5G NR	5 MHz	4M50W7D	135.30
	(4 Port) n25 5G NR	10 MHz	9M33W7D	214.17
	(4 Port) n25 5G NR	15 MHz	14M2W7D	214.39
	(4 Port) n25 5G NR	20 MHz	19M0W7D	275.64
	(4 Port) n25 5G NR	25 MHz	23M9W7D	275.07
	(4 Port) n25 5G NR	30 MHz	28M7W7D	278.08
	(4 Port) B66 LTE	5 MHz	4M50W7D	140.91
	(4 Port) B66 LTE	10 MHz	9M03W7D	210.82
	(4 Port) B66 LTE	15 MHz	13M5W7D	214.84
	(4 Port) B66 LTE	20 MHz	17M9W7D	287.21
	(4 Port) n66 5G NR	5 MHz	4M49W7D	137.14
	(4 Port) n66 5G NR	10 MHz	9M31W7D	211.01
	(4 Port) n66 5G NR	15 MHz	14M1W7D	213.37
	(4 Port) n66 5G NR	20 MHz	19M0W7D	322.67
	(4 Port) n66 5G NR	25 MHz	23M8W7D	351.46
	(4 Port) n66 5G NR	30 MHz	28M7W7D	345.70
	(4 Port) B25 LTE + B25 LTE (Contiguous)	5 MHz + 5 MHz	9M49W7D	207.39
	(4 Port) n25 5G NR + B25 LTE (Contiguous)	5 MHz + 5 MHz	9M50W7D	209.88
	(4 Port) n25 5G NR + n25 5G NR (Contiguous)	5 MHz + 5 MHz	9M48W7D	209.33
	(4 Port) B66 LTE + B66 LTE (Contiguous)	5 MHz + 5 MHz	9M51W7D	217.17

(4 Port) n66 5G NR + B66 LTE (Contiguous)	5 MHz + 5 MHz	9M48W7D	212.32
(4 Port) n66 5G NR + n66 5G NR (Contiguous)	5 MHz + 5 MHz	9M47W7D	217.92
(4 Port) B25 LTE + B25 LTE + B25 LTE (Contiguous)	10 MHz + 15 MHz + 20 MHz	43M4W7D	273.80
(4 Port) n25 5G NR + B25 LTE + B25 LTE (Contiguous)	30 MHz + 5 MHz + 10 MHz	43M7W7D	281.63
(4 Port) n25 5G NR + n25 5G NR + n25 5G NR (Contiguous)	5 MHz + 10 MHz + 30 MHz	44M0W7D	273.18
(4 Port) B66 LTE + B66 LTE + B66 LTE + B66 LTE + B66 LTE (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz + 20 MHz	58M4W7D	360.65
(4 Port) n66 5G NR + B66 LTE + B66 LTE + B66 LTE + B66 LTE (Contiguous)	30 MHz + 5 MHz + 5 MHz + 5 MHz + 15 MHz	58M4W7D	348.87
(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + B66 LTE (Contiguous)	5 MHz + 5 MHz + 15 MHz + 30 MHz + 5 MHz	59M2W7D	369.50
(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR (Contiguous)	5 MHz + 5 MHz + 5 MHz + 15 MHz + 30 MHz	58M8W7D	364.70
(4 Port) B25 LTE + B25 LTE (Non-Contiguous)	5 MHz + 5 MHz	9M00W7D	204.44
(4 Port) n25 5G NR + B25 LTE (Non-Contiguous)	5 MHz + 5 MHz	8M99W7D	211.94
(4 Port) n25 5G NR + n25 5G NR (Non-Contiguous)	5 MHz + 5 MHz	8M98W7D	203.67
(4 Port) B66 LTE + B66 LTE (Non-Contiguous)	5 MHz + 5 MHz	8M99W7D	210.43
(4 Port) n66 5G NR + B66 LTE (Non-Contiguous)	5 MHz + 5 MHz	8M97W7D	212.09
(4 Port) n66 5G NR + n66 5G NR (Non-Contiguous)	5 MHz + 5 MHz	8M96W7D	213.47
(4 Port) B25 LTE + B25 LTE + B25 LTE (1C+2C) (Non-Contiguous)	10 MHz + 15 MHz + 20 MHz	42M2W7D	280.65
(4 Port) B25 LTE + B25 LTE + B25 LTE (2C+1C) (Non-Contiguous)	10 MHz + 15 MHz + 20 MHz	41M6W7D	275.66
(4 Port) n25 5G NR + B25 LTE + B25 LTE (1C+2C) (Non-Contiguous)	30 MHz + 5 MHz + 10 MHz	42M9W7D	269.97
(4 Port) n25 5G NR + B25 LTE + B25 LTE (2C+1C) (Non-Contiguous)	30 MHz + 5 MHz + 10 MHz	43M0W7D	274.92

	(4 Port) n25 5G NR + n25 5G NR + n25 5G NR (1C+2C) (Non-Contiguous)	5 MHz + 10 MHz + 30 MHz	43M4W7D	276.53
	(4 Port) n25 5G NR + n25 5G NR + n25 5G NR (2C+1C) (Non-Contiguous)	5 MHz + 10 MHz + 30 MHz	43M0W7D	279.00
	(4 Port) B66 LTE + B66 LTE + B66 LTE + B66 LTE + B66 LTE (1C+4C) (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz + 20 MHz	58M0W7D	349.92
	(4 Port) B66 LTE + B66 LTE + B66 LTE + B66 LTE + B66 LTE (4C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz + 20 MHz	56M6W7D	350.43
	(4 Port) n66 5G NR + B66 LTE + B66 LTE + B66 LTE + B66 LTE (1C+4C) (Non-Contiguous)	30 MHz + 5 MHz + 5 MHz + 5 MHz + 15 MHz	57M6W7D	342.91
	(4 Port) n66 5G NR + B66 LTE + B66 LTE + B66 LTE + B66 LTE (4C+1C) (Non-Contiguous)	30 MHz + 5 MHz + 5 MHz + 5 MHz + 15 MHz	57M5W7D	349.86
	(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + B66 LTE (1C+4C) (Non-Contiguous)	5 MHz + 5 MHz + 15 MHz + 30 MHz + 5 MHz	58M7W7D	373.44
	(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + B66 LTE (4C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 15 MHz + 30 MHz + 5 MHz	58M1W7D	376.12
	(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR (1C+4C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 15 MHz + 30 MHz	58M3W7D	365.02
	(4 Port) n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR + n66 5G NR (4C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 15 MHz + 30 MHz	57M9W7D	363.45
Antenna Specification	Manufacturer does not provide an antenna			

1.3. TEST INFORMATION

FCC Rule Parts	CFR 47 Part 2, Part 24, Part 27
Measurement standards	ANSI C63.26-2015, KDB 971168 D01 v03r01, KDB 662911 D01 v02r01
Test Location	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea

2. FACILITIES AND ACCREDITATIONS

2.1. FACILITIES

The SAC(Semi-Anechoic Chamber) and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA. The site is constructed in conformance with the requirements of ANSI C63.4. (Version :2014) and CISPR Publication22.

Detailed description of test facility was submitted to the Commission and accepted dated March 11, 2024 (CAB identifier: KR0032).

2.2. EQUIPMENT

Radiated emissions are measured with one or more of the following types of Linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

3. TEST SPECIFICATIONS

3.1. STANDARDS

The following tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 2, Part 24, Part 27

Description	Reference	Results
Conducted Output Power and PSD	§ 2.1046, § 24.232(a)(2), § 27.50(d)(2)	Compliant
PAPR	§ 24.232(d), § 27.50(d)(5)	Compliant
Occupied Bandwidth	§ 2.1049	Compliant
Out-of-band Unwanted Emissions	§ 2.1051, § 24.238, § 27.53(h)	Compliant
Spurious Unwanted Emissions		Compliant
Radiated Emissions		Compliant
Frequency Stability	§ 2.1055, § 24.235, § 27.54	Compliant

Note:

1. The decision rule applies 'simple acceptance'

3.2. ADDITIONAL DESCRIPTIONS ABOUT TEST

- The EUT was operated in a manner representative of the typical usage of the equipment.
- During all testing, system components were manipulated within the confines of typical usage to maximize each emission.
- All modulation types (QPSK, 16QAM, 64QAM, 256QAM) supported by the EUT have been tested, and the test results presented in the following sections represent the worst-case(64QAM) conditions.
- All mode of operation, supporting bandwidth and frequencies were investigated. The test plots shown in the following sections represent the worst-case emissions.
- All power supplies used during operation were investigated, and the results of the worst-case configuration are reported.
- Among the multi-carrier combination, only worst-case combination has tested in this test report to cover all multi-carrier combination addressed in technical documents.
- The measurement has been performed for each carrier in the mode of full resource block size as worst-case to transmit maximum output power condition.
- The dummy loads were connected to the RF output ports for radiated spurious emission testing.
- The device was operating at 100 % duty cycle.
- ANT 0/1/2/3 in this report indicates the test results for each antenna number by frequency band, as shown below.

ANT No.	Measured ANT No. and Frequency Band	
ANT 0	ANT 1: B66/n66	ANT 5: B25/n25
ANT 1	ANT 2: B66/n66	ANT 6: B25/n25
ANT 2	ANT 3: B66/n66	ANT 7: B25/n25
ANT 3	ANT 4: B66/n66	ANT 8: B25/n25

- The tests results in plots are already including the actual value of loss for the attenuator and cable combination. Please check correction factors below table.

ANT 1

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.119	3 000	32.571
100	29.444	3 100	32.578
200	29.756	3 200	32.535
300	29.978	3 300	32.695
400	30.143	3 400	32.798
500	30.308	3 500	32.975
600	30.433	3 600	33.628
700	30.622	3 700	33.955
800	30.781	3 800	34.020
900	30.870	3 900	33.745
1 000	30.973	4 000	33.995
1 100	31.031	5 000	35.256
1 200	31.145	6 000	35.569
1 300	31.213	7 000	36.501
1 400	31.420	8 000	37.155
1 500	31.334	9 000	38.307
1 600	31.575	10 000	32.625
1 700	31.493	11 000	32.897
1 800	31.600	12 000	33.040
1 900	31.778	13 000	33.271
2 000	31.839	14 000	34.034
2 100	31.945	15 000	34.316
2 200	31.938	16 000	34.425
2 300	32.148	17 000	34.352
2 400	32.143	18 000	34.972
2 500	32.062	19 000	34.786
2 600	32.282	20 000	36.682
2 700	32.330	21 000	37.714
2 800	32.463	22 000	39.336
2 900	32.390	-	-

ANT 2

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.201	3 000	32.850
100	29.434	3 100	32.830
200	29.736	3 200	32.778
300	30.014	3 300	32.935
400	30.224	3 400	33.024
500	30.331	3 500	33.128
600	30.498	3 600	33.748
700	30.681	3 700	34.143
800	30.802	3 800	34.253
900	30.917	3 900	33.927
1 000	31.018	4 000	34.202
1 100	31.146	5 000	36.072
1 200	31.232	6 000	35.718
1 300	31.283	7 000	36.412
1 400	31.430	8 000	37.069
1 500	31.468	9 000	37.758
1 600	31.606	10 000	33.962
1 700	31.626	11 000	34.382
1 800	31.725	12 000	34.735
1 900	31.894	13 000	35.118
2 000	31.990	14 000	35.400
2 100	31.995	15 000	36.283
2 200	32.105	16 000	39.577
2 300	32.243	17 000	38.352
2 400	32.276	18 000	37.714
2 500	32.305	19 000	37.634
2 600	32.419	20 000	38.614
2 700	32.518	21 000	39.582
2 800	32.506	22 000	40.954
2 900	32.604	-	-

ANT 3

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.244	3 000	33.229
100	29.493	3 100	33.228
200	29.816	3 200	33.175
300	30.102	3 300	33.310
400	30.346	3 400	33.409
500	30.469	3 500	33.554
600	30.671	3 600	34.179
700	30.877	3 700	34.458
800	31.017	3 800	34.641
900	31.169	3 900	34.357
1 000	31.337	4 000	34.709
1 100	31.466	5 000	35.938
1 200	31.610	6 000	36.086
1 300	31.589	7 000	36.805
1 400	31.788	8 000	37.423
1 500	31.825	9 000	38.283
1 600	31.969	10 000	34.751
1 700	32.036	11 000	35.158
1 800	32.173	12 000	35.437
1 900	32.329	13 000	35.708
2 000	32.467	14 000	36.281
2 100	32.431	15 000	36.599
2 200	32.534	16 000	36.950
2 300	32.659	17 000	36.824
2 400	32.678	18 000	37.333
2 500	32.726	19 000	37.667
2 600	32.838	20 000	38.857
2 700	32.901	21 000	39.613
2 800	32.894	22 000	42.340
2 900	32.955	-	-

ANT 4

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.324	3 000	33.197
100	29.476	3 100	33.215
200	29.812	3 200	33.160
300	30.101	3 300	33.306
400	30.346	3 400	33.433
500	30.463	3 500	33.583
600	30.651	3 600	34.167
700	30.848	3 700	34.443
800	30.959	3 800	34.644
900	31.083	3 900	34.347
1 000	31.215	4 000	34.753
1 100	31.346	5 000	36.613
1 200	31.481	6 000	36.120
1 300	31.472	7 000	36.785
1 400	31.658	8 000	37.476
1 500	31.698	9 000	38.286
1 600	31.836	10 000	33.830
1 700	31.886	11 000	34.033
1 800	32.002	12 000	34.220
1 900	32.155	13 000	34.512
2 000	32.320	14 000	34.993
2 100	32.310	15 000	35.171
2 200	32.410	16 000	35.290
2 300	32.544	17 000	35.404
2 400	32.576	18 000	36.119
2 500	32.649	19 000	36.557
2 600	32.763	20 000	38.090
2 700	32.843	21 000	38.604
2 800	32.856	22 000	40.900
2 900	32.929	-	-

ANT 5

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	28.149	3 000	31.831
100	28.588	3 100	31.736
200	29.226	3 200	31.678
300	29.123	3 300	31.896
400	29.321	3 400	32.171
500	29.743	3 500	32.106
600	29.561	3 600	32.216
700	29.710	3 700	32.108
800	29.801	3 800	32.061
900	30.127	3 900	31.875
1 000	30.268	4 000	32.104
1 100	30.336	5 000	32.676
1 200	30.466	6 000	33.178
1 300	30.449	7 000	33.968
1 400	30.512	8 000	34.896
1 500	30.577	9 000	35.061
1 600	30.770	10 000	35.265
1 700	30.964	11 000	35.690
1 800	31.192	12 000	35.850
1 900	31.323	13 000	36.096
2 000	31.472	14 000	36.608
2 100	31.490	15 000	37.388
2 200	31.272	16 000	38.166
2 300	31.159	17 000	37.581
2 400	31.208	18 000	38.361
2 500	31.153	19 000	38.897
2 600	31.080	20 000	39.836
2 700	30.993	21 000	40.650
2 800	31.453	22 000	49.194
2 900	31.444	-	-

ANT 6

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.154	3 000	34.489
100	31.206	3 100	34.413
200	31.854	3 200	34.275
300	31.754	3 300	34.517
400	31.971	3 400	34.833
500	32.412	3 500	34.716
600	32.201	3 600	34.793
700	32.343	3 700	34.673
800	32.450	3 800	34.640
900	32.755	3 900	34.464
1 000	32.875	4 000	34.667
1 100	32.934	5 000	34.979
1 200	33.073	6 000	34.994
1 300	33.052	7 000	35.413
1 400	33.114	8 000	35.923
1 500	33.231	9 000	35.456
1 600	33.418	10 000	34.204
1 700	33.658	11 000	34.861
1 800	33.847	12 000	35.061
1 900	34.023	13 000	35.068
2 000	34.054	14 000	35.802
2 100	34.176	15 000	36.836
2 200	33.978	16 000	37.996
2 300	33.786	17 000	37.578
2 400	33.852	18 000	37.810
2 500	33.762	19 000	38.468
2 600	33.720	20 000	38.868
2 700	33.680	21 000	40.170
2 800	34.127	22 000	48.817
2 900	34.113	-	-

ANT 7

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.811	3 000	35.909
100	31.822	3 100	35.823
200	32.505	3 200	35.715
300	32.383	3 300	35.942
400	32.541	3 400	36.345
500	32.894	3 500	36.133
600	32.770	3 600	36.308
700	33.039	3 700	36.191
800	33.235	3 800	36.114
900	33.629	3 900	35.936
1 000	33.811	4 000	36.249
1 100	33.924	5 000	36.788
1 200	34.066	6 000	37.128
1 300	34.168	7 000	37.643
1 400	34.191	8 000	38.331
1 500	34.245	9 000	38.435
1 600	34.501	10 000	34.786
1 700	34.688	11 000	35.276
1 800	34.988	12 000	34.814
1 900	35.200	13 000	35.292
2 000	35.250	14 000	35.797
2 100	35.347	15 000	37.217
2 200	35.242	16 000	38.079
2 300	35.241	17 000	36.812
2 400	35.368	18 000	37.669
2 500	35.345	19 000	37.920
2 600	35.255	20 000	39.626
2 700	35.086	21 000	40.519
2 800	35.495	22 000	48.970
2 900	35.528	-	-

ANT 8

Correction factor table			
Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
0.009	29.640	3 000	32.442
100	29.153	3 100	32.316
200	29.808	3 200	32.264
300	29.700	3 300	32.492
400	29.909	3 400	32.857
500	30.319	3 500	32.734
600	30.125	3 600	32.839
700	30.257	3 700	32.710
800	30.350	3 800	32.671
900	30.699	3 900	32.485
1 000	30.812	4 000	32.742
1 100	30.915	5 000	33.358
1 200	31.007	6 000	33.821
1 300	31.022	7 000	34.575
1 400	31.092	8 000	35.602
1 500	31.137	9 000	35.992
1 600	31.340	10 000	35.180
1 700	31.551	11 000	34.685
1 800	31.764	12 000	34.819
1 900	31.897	13 000	36.051
2 000	31.996	14 000	36.063
2 100	32.031	15 000	36.597
2 200	31.809	16 000	37.264
2 300	31.720	17 000	36.489
2 400	31.802	18 000	38.180
2 500	31.734	19 000	38.604
2 600	31.678	20 000	39.254
2 700	31.587	21 000	40.437
2 800	32.050	22 000	49.017
2 900	32.057	-	-

3.3. MAXIMUM MEASUREMENT UNCERTAINTY

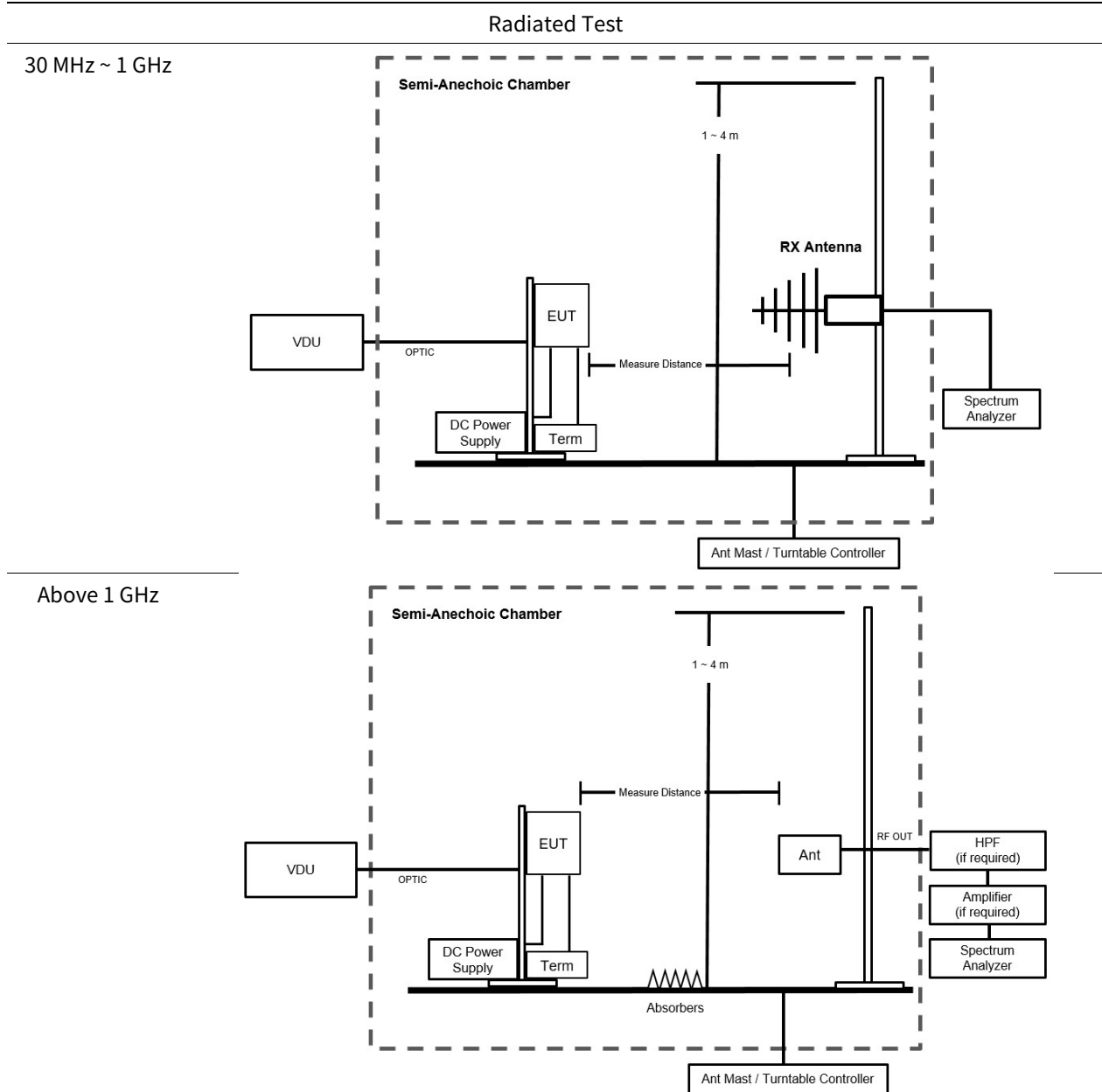
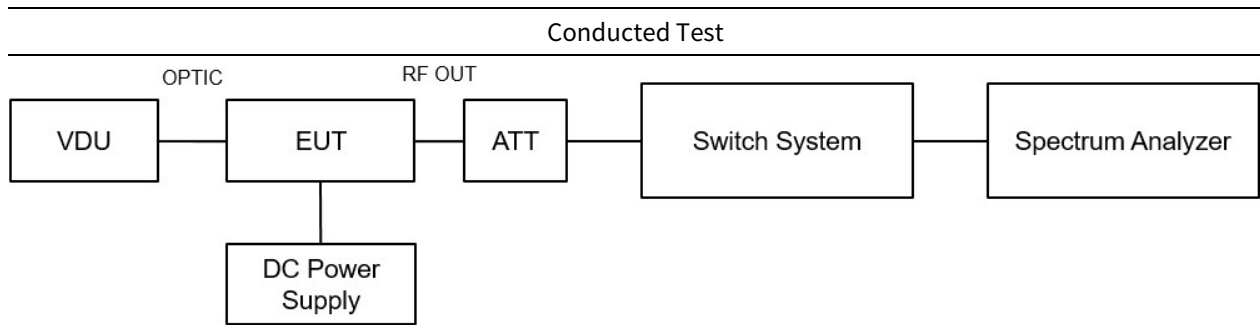
Description	Condition	Uncertainty
Radiated Disturbance	9 kHz ~ 30 MHz	± 4.36 dB
	30 MHz ~ 1 GHz	± 5.68 dB
	1 GHz ~ 18 GHz	± 5.75 dB
	18 GHz ~ 40 GHz	± 5.82 dB

Coverage factor $k=2$, Confidence levels of 95 %

3.4. STANDARDS ENVIRONMENTAL TEST CONDITIONS

Temperature:	+15 °C to +35 °C
Relative humidity:	30 % to 60 %
Air pressure:	860 mbar to 1 060 mbar

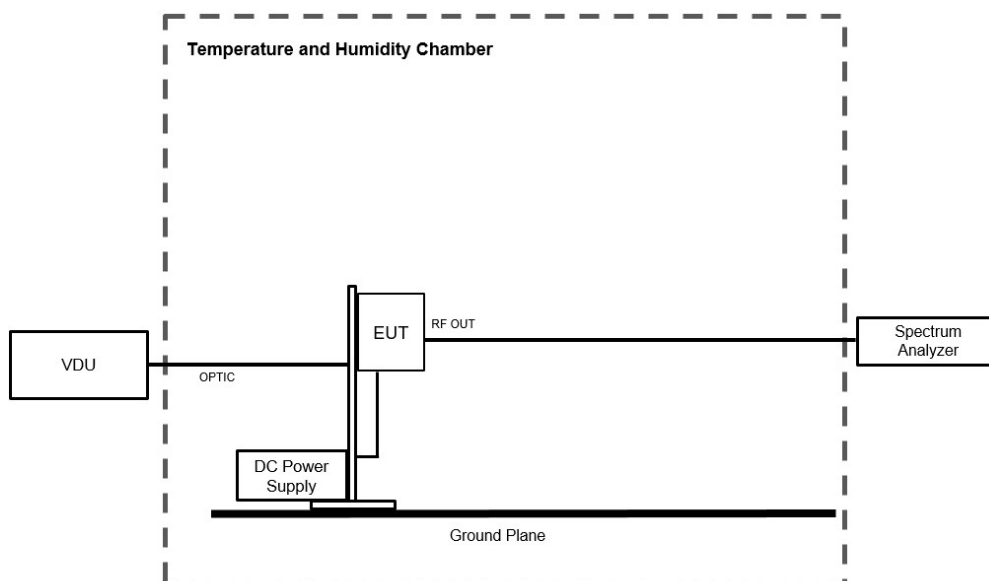
3.5. TEST DIAGRAMS



※ EUT position is adopted by placement of floor-standing refer to section 5.5.2.3.2 of ANSI C63.26-2015

※ Measure distance is 3 m.

Frequency Stability



Note: All modulations(QPSK, 16QAM, 64QAM, 256QAM) were investigated and the worst-case configuration channel results are reported.

4. TEST EQUIPMENTS

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
PXA Signal Analyzer	N9030A	Keysight	MY49431434	07/19/2025	Annual
MXA Signal Analyzer	N9020A	Agilent	MY51110063	03/21/2026	Annual
RF Switch System	TMX0108	TNM System	TM21110001	N/A	N/A
#30 dB Attenuator	67-30-33	API Weinschel, Inc.	CL4341	04/29/2026	Annual
#30 dB Attenuator	WA93-30-33	Weinschel Associates	0190	03/11/2026	Annual
#50Ω Termination	908A	H.P.	N/A	N/A	N/A
DC Power Supply	EX 60-40	ODA	ODA-02-0923-01621	02/23/2026	Annual
Temperature and Humidity Chamber	NY-THR18750	NANGYEAL	NY-200912201A	12/17/2025	Annual
Amp & Filter Bank Switch Controller	FBSM-01B	TNM system	TM20090002	N/A	N/A
Controller(Antenna Mast & Turn Table)	CO3000	Innco system	CO3000/1251/48920320/P	N/A	N/A
Antenna Mast	MA4640	Innco system	S4AM	08/07/2025	Annual
Turn Table	1060	Innco system	N/A	N/A	N/A
Turn Table	N/A	Ets	N/A	N/A	N/A
Loop Antenna	FMZB 1513	Rohde & Schwarz	1513-333	03/07/2026	Biennial
BILOG Antenna	VULB 9168	Schwarzbeck	9168-0895	08/28/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-937	02/07/2027	Biennial
Horn Antenna	BBHA9170	Schwarzbeck	BBHA9170342	09/20/2026	Biennial
RF Switching System	FBSR-04C (3 GHz HPF + LNA)	TNM system	S4L1	03/12/2026	Annual
RF Switching System	FBSR-04C (10 dB ATT + LNA)	TNM system	S4L2	03/12/2026	Annual
RF Switching System	FBSR-04C (3 dB ATT + LNA)	TNM system	S4L3	03/12/2026	Annual
RF Switching System	FBSR-04C (LNA)	TNM system	S4L4	03/12/2026	Annual
RF Switching System	FBSR-04C (Thru)	TNM system	S4L6	03/12/2026	Annual
LOW NOISE AMPLIFIER	TK-PA1840H	TESTEK	170011-L	10/11/2025	Annual

#This equipment has been used to each port, but we only listed one equipment for simplicity.

Note:

- Equipment listed above that calibrated during the testing period was set for test after the calibration.
- Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date, or will be tested after the calibration is completed.

5. TEST RESULT

5.1. RF OUTPUT POWER and PSD

Test Requirements:

§ 2.1046 Measurements required: RF power output.

- (a) For transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in § 2.1033(c)(8). The electrical characteristics of the radio frequency load attached to the output terminals when this test is made shall be stated.
- (b) For single sideband, independent sideband, and single channel, controlled carrier radiotelephone transmitters the procedure specified in paragraph (a) of this section shall be employed and, in addition, the transmitter shall be modulated during the test as specified and applicable in § 2.1046 (b) (1-5). In all tests, the input level of the modulating signal shall be such as to develop rated peak envelope power or carrier power, as appropriate, for the transmitter.
- (c) For measurements conducted pursuant to paragraphs (a) and (b) of this section, all calculations and methods used by the applicant for determining carrier power or peak envelope power, as appropriate, on the basis of measured power in the radio frequency load attached to the transmitter output terminals shall be shown. Under the test conditions specified, no components of the emission spectrum shall exceed the limits specified in the applicable rule parts as necessary for meeting occupied bandwidth or emission limitations.

§ 24.232 Power and antenna height limits.

- (a) (2) Base stations with an emission bandwidth greater than 1 MHz are limited to 1640 watts/MHz equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT, except as described in paragraph (b) below.

§ 27.50 Power limits and duty cycle.

- (d) The following power and antenna height requirements apply to stations transmitting in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz and 2180-2200 MHz bands:
 - (2) The power of each fixed or base station transmitting in the 1995-2000 MHz, the 2110-2155 MHz 2155-2180 MHz band, or 2180-2200 MHz band and situated in any geographic location other than that described in paragraph (d)(1) of this section is limited to:
 - (ii) An EIRP of 1640 watts/MHz when transmitting with an emission bandwidth greater than 1 MHz.

Test Procedures:

The measurement is performed in accordance with Section 5.2.4.4.2 of ANSI C63.26.

When the fundamental condition for average power measurements cannot be realized (i.e., the EUT cannot be configured to transmit at full-power on a continuous basis (i.e., duty cycle < 98%) and the instrumentation cannot be configured to measure only during active full-power transmissions), then the following procedure can be used if the EUT duty cycle is constant (i.e., duty cycle variations are less than or equal to $\pm 2\%$). See 5.2.4.3.4 for guidance on measurement of duty cycle.

- a) Set span to $2 \times$ to $3 \times$ the OBW.
- b) Set RBW = 1 % to 5 % of the OBW.
- c) Set VBW $\geq 3 \times$ RBW.
- d) Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- e) Sweep time:
 - 1) Set = auto-couple, or
 - 2) Set $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ for single sweep (automation-compatible) measurement.
- f) Detector = power averaging (rms).
- g) Set sweep trigger to “free run.”
- h) Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.
- i) Compute power by integrating the spectrum across the OBW of the signal using the instrument’s band or channel power measurement function with band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.
- j) Add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission. For example, add $[10 \log (1/0.25)] = 6 \text{ dB}$ if the duty cycle is a constant 25%.

The PSD measurement is performed in accordance with Section 5.2.4.5 of ANSI C63.26.

Some regulatory requirements specify the RF output power limits in terms of maximum or average PSD, (i.e., the output power or unwanted emissions power limits are defined within a specified reference bandwidth).

When average PSD limits are specified, the same fundamental measurement condition applies as previously discussed (i.e., averaging is to be performed only over durations of active transmissions at maximum output power level). Thus, when performing this measurement, the EUT must either be configured to transmit continuously at full power while the compliance measurement is performed, or else the measurement instrumentation must be configured to acquire data only over durations when the EUT is actively transmitting at full power. In circumstances where neither of these conditions can be realized, then alternative procedures are provided for both constant duty cycle and non-constant duty cycle transmissions.

The PSD is measured following the same procedures described in 5.2.4.4 for measuring the total average power, but with the RBW set to the reference bandwidth specified by the applicable regulatory requirement, and by using the marker function to identify the maximum PSD instead of summing the power across the OBW. If the fundamental measurement condition cannot be realized, then one of the alternative procedures in 5.2.4.4.2 or 5.2.4.4.3 should be selected, based on whether the transmitter duty cycle is constant (variations $\leq \pm 2\%$) or non-constant (variations $> \pm 2\%$), respectively.

Note:

1. The results of the Conducted output power and PSD test shown above the frequency measured values are very small and similar trend for each port, so we are attached only the worst-case plot.
2. According to the test results, to comply with the EIRP limit of the applicable specification, the antenna gain should be no more than 14.72 dBi. However, if a higher gain antenna is used, the output power should be reduced accordingly to maintain compliance.

Test Results:

Tabular Data of RF Output Power

(4 Port) B25 LTE 5 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 932.50	45.28	33.70
		Middle	1 962.50	45.12	32.53
		High	1 992.50	45.28	33.71
1		Low	1 932.50	45.09	32.31
		Middle	1 962.50	45.25	33.52
		High	1 992.50	45.08	32.25
2		Low	1 932.50	45.20	33.09
		Middle	1 962.50	45.30	33.86
		High	1 992.50	45.42	34.83
3		Low	1 932.50	45.23	33.37
		Middle	1 962.50	45.09	32.27
		High	1 992.50	45.18	32.95

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 932.50	132.46
1 962.50	132.18
1 992.50	133.75

(4 Port) B25 LTE 10 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 935.00	47.12	51.48
		Middle	1 962.50	47.15	51.84
		High	1 990.00	47.04	50.64
1		Low	1 935.00	47.04	50.52
		Middle	1 962.50	46.82	48.04
		High	1 990.00	46.91	49.07
2		Low	1 935.00	47.18	52.22
		Middle	1 962.50	47.11	51.39
		High	1 990.00	47.16	52.02
3		Low	1 935.00	47.06	50.87
		Middle	1 962.50	47.02	50.33
		High	1 990.00	47.05	50.64

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 935.00	205.09
1 962.50	201.60
1 990.00	202.37

(4 Port) B25 LTE 15 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 937.50	47.30	53.70
		Middle	1 962.50	47.14	51.70
		High	1 987.50	47.04	50.58
1		Low	1 937.50	47.09	51.16
		Middle	1 962.50	46.91	49.07
		High	1 987.50	47.03	50.42
2		Low	1 937.50	47.17	52.11
		Middle	1 962.50	47.19	52.35
		High	1 987.50	47.15	51.86
3		Low	1 937.50	47.19	52.32
		Middle	1 962.50	47.12	51.52
		High	1 987.50	47.14	51.74

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 937.50	209.29
1 962.50	204.64
1 987.50	204.60

(4 Port) B25 LTE 20 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 940.00	48.40	69.12
		Middle	1 962.50	48.35	68.45
		High	1 985.00	48.26	66.99
1		Low	1 940.00	48.31	67.73
		Middle	1 962.50	48.15	65.31
		High	1 985.00	48.13	65.04
2		Low	1 940.00	48.41	69.28
		Middle	1 962.50	48.36	68.47
		High	1 985.00	48.45	70.06
3		Low	1 940.00	48.46	70.15
		Middle	1 962.50	48.21	66.18
		High	1 985.00	48.34	68.25

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 940.00	276.28
1 962.50	268.41
1 985.00	270.35

(4 Port) n25 5G NR 5 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 932.50	45.45	35.08
		Middle	1 962.50	45.26	33.59
		High	1 992.50	45.29	33.78
1		Low	1 932.50	45.15	32.73
		Middle	1 962.50	45.10	32.36
		High	1 992.50	45.15	32.72
2		Low	1 932.50	45.30	33.85
		Middle	1 962.50	45.12	32.47
		High	1 992.50	45.50	35.49
3		Low	1 932.50	45.20	33.12
		Middle	1 962.50	45.11	32.43
		High	1 992.50	45.23	33.31

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 932.50	134.78
1 962.50	130.85
1 992.50	135.30

(4 Port) n25 5G NR 10 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 935.00	47.31	53.83
		Middle	1 962.50	47.13	51.63
		High	1 990.00	47.23	52.86
1		Low	1 935.00	47.03	50.47
		Middle	1 962.50	47.03	50.47
		High	1 990.00	47.04	50.56
2		Low	1 935.00	47.14	51.75
		Middle	1 962.50	47.14	51.76
		High	1 990.00	47.54	56.78
3		Low	1 935.00	47.32	53.93
		Middle	1 962.50	47.13	51.61
		High	1 990.00	47.32	53.98

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 935.00	209.97
1 962.50	205.46
1 990.00	214.17

(4 Port) n25 5G NR 15 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 937.50	47.43	55.34
		Middle	1 962.50	47.30	53.72
		High	1 987.50	47.24	52.92
1		Low	1 937.50	46.97	49.81
		Middle	1 962.50	47.06	50.79
		High	1 987.50	47.14	51.80
2		Low	1 937.50	47.11	51.40
		Middle	1 962.50	47.29	53.63
		High	1 987.50	47.44	55.53
3		Low	1 937.50	47.34	54.24
		Middle	1 962.50	47.23	52.80
		High	1 987.50	47.34	54.15

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 937.50	210.79
1 962.50	210.93
1 987.50	214.39

(4 Port) n25 5G NR 20 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 940.00	48.27	67.13
		Middle	1 962.50	48.25	66.87
		High	1 985.00	48.32	67.86
1		Low	1 940.00	48.09	64.37
		Middle	1 962.50	48.22	66.34
		High	1 985.00	48.15	65.37
2		Low	1 940.00	48.60	72.48
		Middle	1 962.50	48.38	68.93
		High	1 985.00	48.51	70.96
3		Low	1 940.00	48.55	71.66
		Middle	1 962.50	48.38	68.90
		High	1 985.00	48.40	69.26

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 940.00	275.64
1 962.50	271.03
1 985.00	273.45

(4 Port) n25 5G NR 25 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 942.50	48.42	69.42
		Middle	1 962.50	48.23	66.47
		High	1 982.50	48.26	67.00
1		Low	1 942.50	48.20	66.10
		Middle	1 962.50	48.16	65.42
		High	1 982.50	48.13	65.00
2		Low	1 942.50	48.46	70.13
		Middle	1 962.50	48.34	68.20
		High	1 982.50	48.49	70.70
3		Low	1 942.50	48.42	69.42
		Middle	1 962.50	48.12	64.83
		High	1 982.50	48.35	68.45

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 942.50	275.07
1 962.50	264.92
1 982.50	271.15

(4 Port) n25 5G NR 30 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 945.00	48.54	71.48
		Middle	1 962.50	48.38	68.82
		High	1 980.00	48.26	67.00
1		Low	1 945.00	48.20	66.02
		Middle	1 962.50	48.11	64.74
		High	1 980.00	48.13	64.95
2		Low	1 945.00	48.50	70.76
		Middle	1 962.50	48.52	71.09
		High	1 980.00	48.52	71.20
3		Low	1 945.00	48.44	69.81
		Middle	1 962.50	48.35	68.33
		High	1 980.00	48.32	67.98

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 945.00	278.08
1 962.50	272.98
1 980.00	271.14

(4 Port) B66 LTE 5 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 112.50	45.55	35.92
		Middle	2 145.00	45.48	35.30
		High	2 177.50	45.70	37.20
1		Low	2 112.50	45.34	34.21
		Middle	2 145.00	45.52	35.62
		High	2 177.50	45.40	34.66
2		Low	2 112.50	45.15	32.70
		Middle	2 145.00	45.45	35.08
		High	2 177.50	45.46	35.15
3		Low	2 112.50	45.40	34.66
		Middle	2 145.00	45.43	34.91
		High	2 177.50	45.30	33.86

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 112.50	137.49
2 145.00	140.91
2 177.50	140.86

(4 Port) B66 LTE 10 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 115.00	47.16	52.05
		Middle	2 145.00	47.24	52.97
		High	2 175.00	47.05	50.68
1		Low	2 115.00	47.01	50.19
		Middle	2 145.00	47.20	52.49
		High	2 175.00	46.96	49.67
2		Low	2 115.00	47.02	50.29
		Middle	2 145.00	47.10	51.31
		High	2 175.00	47.28	53.48
3		Low	2 115.00	47.23	52.86
		Middle	2 145.00	47.33	54.05
		High	2 175.00	47.20	52.47

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 115.00	205.38
2 145.00	210.82
2 175.00	206.30

(4 Port) B66 LTE 15 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 117.50	47.41	55.03
		Middle	2 145.00	47.34	54.25
		High	2 172.50	47.29	53.63
1		Low	2 117.50	47.09	51.11
		Middle	2 145.00	47.27	53.37
		High	2 172.50	47.22	52.66
2		Low	2 117.50	47.23	52.80
		Middle	2 145.00	47.17	52.12
		High	2 172.50	47.27	53.36
3		Low	2 117.50	47.45	55.56
		Middle	2 145.00	47.36	54.43
		High	2 172.50	47.42	55.20

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 117.50	214.50
2 145.00	214.17
2 172.50	214.84

(4 Port) B66 LTE 20 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 120.00	48.31	67.78
		Middle	2 145.00	48.74	74.85
		High	2 170.00	48.50	70.78
1		Low	2 120.00	48.34	68.27
		Middle	2 145.00	48.47	70.24
		High	2 170.00	48.43	69.65
2		Low	2 120.00	48.55	71.61
		Middle	2 145.00	48.50	70.86
		High	2 170.00	48.43	69.69
3		Low	2 120.00	48.67	73.54
		Middle	2 145.00	48.53	71.25
		High	2 170.00	48.29	67.42

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 120.00	281.20
2 145.00	287.21
2 170.00	277.54

(4 Port) n66 5G NR 5 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 112.50	45.50	35.47
		Middle	2 145.00	45.71	37.27
		High	2 177.50	45.61	36.37
1		Low	2 112.50	45.17	32.89
		Middle	2 145.00	45.41	34.74
		High	2 177.50	45.16	32.84
2		Low	2 112.50	45.06	32.06
		Middle	2 145.00	45.16	32.81
		High	2 177.50	45.23	33.33
3		Low	2 112.50	45.33	34.14
		Middle	2 145.00	45.10	32.32
		High	2 177.50	45.05	32.02

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 112.50	134.56
2 145.00	137.14
2 177.50	134.56

(4 Port) n66 5G NR 10 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 115.00	47.38	54.74
		Middle	2 145.00	47.47	55.87
		High	2 175.00	47.36	54.50
1		Low	2 115.00	47.12	51.48
		Middle	2 145.00	47.22	52.72
		High	2 175.00	47.16	51.98
2		Low	2 115.00	47.03	50.42
		Middle	2 145.00	46.96	49.66
		High	2 175.00	47.15	51.83
3		Low	2 115.00	47.35	54.38
		Middle	2 145.00	47.19	52.40
		High	2 175.00	47.14	51.77

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 115.00	211.01
2 145.00	210.65
2 175.00	210.08

(4 Port) n66 5G NR 15 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 117.50	47.47	55.90
		Middle	2 145.00	47.52	56.49
		High	2 172.50	47.40	54.97
1		Low	2 117.50	46.95	49.50
		Middle	2 145.00	47.14	51.77
		High	2 172.50	47.16	52.05
2		Low	2 117.50	47.33	54.04
		Middle	2 145.00	46.93	49.27
		High	2 172.50	47.37	54.58
3		Low	2 117.50	47.32	53.94
		Middle	2 145.00	47.08	51.09
		High	2 172.50	47.07	50.97

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 117.50	213.37
2 145.00	208.62
2 172.50	212.56

(4 Port) n66 5G NR 20 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 120.00	49.29	84.82
		Middle	2 145.00	49.44	87.82
		High	2 170.00	48.72	74.46
1		Low	2 120.00	49.00	79.47
		Middle	2 145.00	48.93	78.09
		High	2 170.00	49.14	82.09
2		Low	2 120.00	49.02	79.76
		Middle	2 145.00	48.62	72.78
		High	2 170.00	49.03	80.00
3		Low	2 120.00	48.95	78.61
		Middle	2 145.00	48.38	68.93
		High	2 170.00	48.57	71.96

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 120.00	322.67
2 145.00	307.62
2 170.00	308.51

(4 Port) n66 5G NR 25 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 122.50	49.53	89.68
		Middle	2 145.00	49.57	90.51
		High	2 167.50	49.46	88.29
1		Low	2 122.50	49.23	83.70
		Middle	2 145.00	49.41	87.34
		High	2 167.50	49.51	89.25
2		Low	2 122.50	49.28	84.74
		Middle	2 145.00	49.24	83.91
		High	2 167.50	49.11	81.38
3		Low	2 122.50	49.61	91.39
		Middle	2 145.00	49.53	89.70
		High	2 167.50	49.55	90.09

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 122.50	349.51
2 145.00	351.46
2 167.50	349.01

(4 Port) n66 5G NR 30 MHz 1 Carrier

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 125.00	49.36	86.22
		Middle	2 145.00	49.43	87.64
		High	2 165.00	49.38	86.78
1		Low	2 125.00	49.12	81.68
		Middle	2 145.00	49.28	84.72
		High	2 165.00	49.43	87.64
2		Low	2 125.00	49.16	82.49
		Middle	2 145.00	49.13	81.90
		High	2 165.00	49.28	84.63
3		Low	2 125.00	49.45	88.17
		Middle	2 145.00	49.36	86.32
		High	2 165.00	49.38	86.66

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 125.00	338.55
2 145.00	340.58
2 165.00	345.70

Tabular Data of RF Contiguous Output Power

(4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 935.00	47.12	51.57
		Middle	1 962.50	47.09	51.19
		High	1 990.00	47.05	50.69
1		Low	1 935.00	47.02	50.36
		Middle	1 962.50	46.82	48.07
		High	1 990.00	46.93	49.35
2		Low	1 935.00	47.29	53.59
		Middle	1 962.50	47.17	52.06
		High	1 990.00	47.22	52.72
3		Low	1 935.00	47.15	51.87
		Middle	1 962.50	46.90	49.00
		High	1 990.00	47.06	50.80

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 935.00	207.39
1 962.50	200.32
1 990.00	203.57

(4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 935.00	47.07	50.99
		Middle	1 962.50	47.29	53.60
		High	1 990.00	47.23	52.84
1		Low	1 935.00	47.02	50.32
		Middle	1 962.50	47.02	50.41
		High	1 990.00	47.06	50.85
2		Low	1 935.00	47.18	52.20
		Middle	1 962.50	47.25	53.06
		High	1 990.00	47.31	53.80
3		Low	1 935.00	47.09	51.14
		Middle	1 962.50	47.15	51.84
		High	1 990.00	47.19	52.38

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 935.00	204.66
1 962.50	208.92
1 990.00	209.88

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 935.00	47.26	53.15
		Middle	1 962.50	47.08	51.02
		High	1 990.00	47.04	50.63
1		Low	1 935.00	47.10	51.24
		Middle	1 962.50	46.90	48.96
		High	1 990.00	46.90	48.97
2		Low	1 935.00	47.24	52.93
		Middle	1 962.50	47.16	51.94
		High	1 990.00	47.18	52.19
3		Low	1 935.00	47.16	52.01
		Middle	1 962.50	46.95	49.56
		High	1 990.00	47.10	51.25

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 935.00	209.33
1 962.50	201.47
1 990.00	203.04

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 115.00	47.22	52.77
		Middle	2 145.00	47.55	56.87
		High	2 175.00	47.22	52.67
1		Low	2 115.00	46.85	48.38
		Middle	2 145.00	47.22	52.69
		High	2 175.00	47.24	53.00
2		Low	2 115.00	47.17	52.17
		Middle	2 145.00	47.25	53.11
		High	2 175.00	47.21	52.63
3		Low	2 115.00	47.27	53.31
		Middle	2 145.00	47.36	54.50
		High	2 175.00	47.30	53.67

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 115.00	206.63
2 145.00	217.17
2 175.00	211.97

(4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 115.00	47.56	56.95
		Middle	2 145.00	47.26	53.24
		High	2 175.00	47.23	52.81
1		Low	2 115.00	47.06	50.85
		Middle	2 145.00	47.33	54.04
		High	2 175.00	47.31	53.89
2		Low	2 115.00	46.94	49.44
		Middle	2 145.00	46.88	48.73
		High	2 175.00	47.09	51.12
3		Low	2 115.00	47.34	54.19
		Middle	2 145.00	47.51	56.31
		High	2 175.00	47.34	54.15

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 115.00	211.43
2 145.00	212.32
2 175.00	211.97

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 115.00	47.33	54.09
		Middle	2 145.00	47.51	56.39
		High	2 175.00	47.26	53.24
1		Low	2 115.00	47.22	52.67
		Middle	2 145.00	47.45	55.58
		High	2 175.00	47.10	51.26
2		Low	2 115.00	47.10	51.24
		Middle	2 145.00	47.11	51.44
		High	2 175.00	47.16	52.02
3		Low	2 115.00	47.33	54.08
		Middle	2 145.00	47.37	54.51
		High	2 175.00	47.36	54.41

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 115.00	212.08
2 145.00	217.92
2 175.00	210.93

(4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 952.50	48.36	68.53
		Middle	1 962.50	48.40	69.15
		High	1 972.50	48.32	67.94
1		Low	1 952.50	48.12	64.85
		Middle	1 962.50	48.30	67.66
		High	1 972.50	48.15	65.33
2		Low	1 952.50	48.46	70.21
		Middle	1 962.50	48.32	67.94
		High	1 972.50	48.51	70.91
3		Low	1 952.50	48.41	69.29
		Middle	1 962.50	48.31	67.78
		High	1 972.50	48.43	69.63

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 952.50	272.89
1 962.50	272.52
1 972.50	273.80

(4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 952.50	48.54	71.45
		Middle	1 962.50	48.49	70.65
		High	1 972.50	48.36	68.50
1		Low	1 952.50	48.32	67.90
		Middle	1 962.50	48.07	64.06
		High	1 972.50	48.15	65.31
2		Low	1 952.50	48.53	71.37
		Middle	1 962.50	48.32	67.89
		High	1 972.50	48.46	70.13
3		Low	1 952.50	48.51	70.91
		Middle	1 962.50	48.20	66.13
		High	1 972.50	48.39	69.09

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 952.50	281.63
1 962.50	268.73
1 972.50	273.03

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	1 952.50	48.22	66.36
		Middle	1 962.50	48.35	68.45
		High	1 972.50	48.29	67.53
1		Low	1 952.50	48.23	66.53
		Middle	1 962.50	48.13	65.04
		High	1 972.50	48.11	64.76
2		Low	1 952.50	48.38	68.94
		Middle	1 962.50	48.47	70.24
		High	1 972.50	48.56	71.71
3		Low	1 952.50	48.19	65.90
		Middle	1 962.50	48.42	69.44
		High	1 972.50	48.33	68.03

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 952.50	267.73
1 962.50	273.18
1 972.50	272.03

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 140.00	49.71	93.63
		Middle	2 145.00	49.56	90.43
		High	2 150.00	49.60	91.22
1		Low	2 140.00	49.43	87.70
		Middle	2 145.00	49.63	91.88
		High	2 150.00	49.33	85.66
2		Low	2 140.00	49.22	83.50
		Middle	2 145.00	49.33	85.68
		High	2 150.00	49.19	83.02
3		Low	2 140.00	49.52	89.54
		Middle	2 145.00	49.67	92.66
		High	2 150.00	49.61	91.45

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 140.00	354.37
2 145.00	360.65
2 150.00	351.36

(4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 140.00	49.47	88.47
		Middle	2 145.00	49.46	88.39
		High	2 150.00	49.41	87.40
1		Low	2 140.00	49.29	84.82
		Middle	2 145.00	49.17	82.55
		High	2 150.00	49.25	84.10
2		Low	2 140.00	49.27	84.57
		Middle	2 145.00	49.06	80.46
		High	2 150.00	49.25	84.18
3		Low	2 140.00	49.59	91.01
		Middle	2 145.00	49.55	90.22
		High	2 150.00	49.34	85.96

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 140.00	348.87
2 145.00	341.62
2 150.00	341.64

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 140.00	49.73	94.06
		Middle	2 145.00	50.01	100.23
		High	2 150.00	50.00	100.00
1		Low	2 140.00	49.37	86.46
		Middle	2 145.00	49.44	87.92
		High	2 150.00	49.43	87.62
2		Low	2 140.00	49.27	84.57
		Middle	2 145.00	49.28	84.72
		High	2 150.00	49.32	85.55
3		Low	2 140.00	49.74	94.15
		Middle	2 145.00	49.85	96.63
		High	2 150.00	49.81	95.68

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 140.00	359.23
2 145.00	369.50
2 150.00	368.84

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier [5 Carrier]

Antenna	Modulation	Channel	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	64QAM	Low	2 140.00	49.87	97.01
		Middle	2 145.00	49.59	90.91
		High	2 150.00	49.82	96.01
1		Low	2 140.00	49.30	85.15
		Middle	2 145.00	49.18	82.81
		High	2 150.00	49.44	87.96
2		Low	2 140.00	49.31	85.35
		Middle	2 145.00	49.28	84.72
		High	2 150.00	49.34	85.82
3		Low	2 140.00	49.76	94.71
		Middle	2 145.00	49.75	94.41
		High	2 150.00	49.77	94.91

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 140.00	362.22
2 145.00	352.85
2 150.00	364.70

Tabular Data of RF Non-Contiguous Output Power

(4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	B25 LTE 5 MHz 1 Carrier		B25 LTE 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 932.50	43.93	1 992.50	44.05	47.00	50.13
1	64QAM	1 932.50	43.91	1 992.50	44.07	47.00	50.15
2	64QAM	1 932.50	44.22	1 992.50	44.18	47.21	52.64
3	64QAM	1 932.50	44.14	1 992.50	44.08	47.12	51.52

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 932.50 + 1 992.50	204.44

(4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	n25 5G NR 5 MHz 1 Carrier		B25 LTE 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 932.50	44.32	1 992.50	44.42	47.38	54.70
1	64QAM	1 932.50	44.01	1 992.50	44.15	47.09	51.18
2	64QAM	1 932.50	44.35	1 992.50	44.20	47.29	53.54
3	64QAM	1 932.50	44.22	1 992.50	44.16	47.20	52.52

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
0 0.00 + 0 0.00	211.94

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	n25 5G NR 5 MHz 1 Carrier		n25 5G NR 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 932.50	43.95	1 992.50	44.07	47.02	50.38
1	64QAM	1 932.50	43.88	1 992.50	43.94	46.92	49.19
2	64QAM	1 932.50	44.24	1 992.50	44.30	47.28	53.47
3	64QAM	1 932.50	44.14	1 992.50	43.93	47.04	50.64

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
0 0.00 + 0 0.00	203.67

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	B66 LTE 5 MHz 1 Carrier		B66 LTE 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 112.50	44.55	2 177.50	43.93	47.26	53.22
1	64QAM	2 112.50	44.30	2 177.50	43.89	47.11	51.38
2	64QAM	2 112.50	44.33	2 177.50	44.00	47.18	52.21
3	64QAM	2 112.50	44.53	2 177.50	44.02	47.29	53.62

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 112.50 + 2 177.50	210.43

(4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	n66 5G NR 5 MHz 1 Carrier		B66 LTE 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 112.50	44.59	2 177.50	44.00	47.32	53.92
1	64QAM	2 112.50	44.38	2 177.50	44.00	47.20	52.54
2	64QAM	2 112.50	44.36	2 177.50	43.84	47.11	51.46
3	64QAM	2 112.50	44.58	2 177.50	44.06	47.34	54.17

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 112.50 + 2 177.50	212.09

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	n66 5G NR 5 MHz 1 Carrier		n66 5G NR 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 112.50	44.65	2 177.50	44.02	47.36	54.42
1	64QAM	2 112.50	44.50	2 177.50	44.02	47.28	53.41
2	64QAM	2 112.50	44.31	2 177.50	43.92	47.13	51.66
3	64QAM	2 112.50	44.54	2 177.50	44.07	47.32	53.97

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
0 0.00 + 0 0.00	213.47

(4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	B25 LTE 10 MHz 1 Carrier		B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 935.00	41.81	1 977.50	47.38	48.44	69.85
1	64QAM	1 935.00	41.57	1 977.50	47.14	48.20	66.11
2	64QAM	1 935.00	42.14	1 977.50	47.49	48.60	72.45
3	64QAM	1 935.00	42.08	1 977.50	47.49	48.59	72.24

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 935.00 + 1 977.50	280.65

(4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier		B25 LTE 20 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 942.50	45.96	1 985.00	44.89	48.47	70.29
1	64QAM	1 942.50	45.74	1 985.00	44.70	48.26	67.03
2	64QAM	1 942.50	45.91	1 985.00	44.81	48.40	69.24
3	64QAM	1 942.50	45.93	1 985.00	44.76	48.39	69.10

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 942.50 + 1 985.00	275.66

(4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	n25 5G NR 30 MHz 1 Carrier		B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 945.00	46.66	1 987.50	43.54	48.38	68.93
1	64QAM	1 945.00	46.42	1 987.50	43.33	48.16	65.40
2	64QAM	1 945.00	46.71	1 987.50	43.41	48.37	68.76
3	64QAM	1 945.00	46.58	1 987.50	43.29	48.25	66.88

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 945.00 + 1 987.50	269.97

(4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier		B25 LTE 10 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 947.50	47.29	1 990.00	41.77	48.37	68.69
1	64QAM	1 947.50	47.16	1 990.00	41.78	48.27	67.11
2	64QAM	1 947.50	47.42	1 990.00	41.69	48.45	70.01
3	64QAM	1 947.50	47.36	1 990.00	41.66	48.40	69.11

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 947.50 + 1 990.00	274.92

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod.	n25 5G NR 5 MHz 1 Carrier		n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 932.50	38.85	1 975.00	47.89	48.40	69.17
1	64QAM	1 932.50	38.60	1 975.00	47.67	48.17	65.67
2	64QAM	1 932.50	39.09	1 975.00	48.06	48.58	72.03
3	64QAM	1 932.50	38.85	1 975.00	47.92	48.43	69.65

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
1 932.50 + 1 975.00	276.53

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod.	n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier		n25 5G NR 30 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	1 937.50	43.72	1 980.00	46.66	48.44	69.85
1	64QAM	1 937.50	43.53	1 980.00	46.43	48.23	66.49
2	64QAM	1 937.50	43.95	1 980.00	46.72	48.56	71.85
3	64QAM	1 937.50	43.95	1 980.00	46.63	48.50	70.81

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
0 0.00 + 0 0.00	279.00

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod.	B66 LTE 5 MHz 1 Carrier		B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 112.50	39.11	2 152.50	49.21	49.62	91.59
1	64QAM	2 112.50	38.79	2 152.50	48.94	49.34	85.93
2	64QAM	2 112.50	38.82	2 152.50	48.86	49.27	84.45
3	64QAM	2 112.50	38.97	2 152.50	49.03	49.44	87.93

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)	
	64QAM	
	W	
2 112.50 + 2 152.50	349.92	

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod.	B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier		B66 LTE 20 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 130.00	47.92	2 170.00	44.43	49.53	89.65
1	64QAM	2 130.00	47.91	2 170.00	44.43	49.52	89.53
2	64QAM	2 130.00	47.46	2 170.00	44.03	49.09	81.01
3	64QAM	2 130.00	47.95	2 170.00	44.45	49.55	90.23

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)	
	64QAM	
	W	
2 130.00 + 2 170.00	350.43	

(4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod.	n66 5G NR 30 MHz 1 Carrier		B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 125.00	46.38	2 165.00	46.01	49.21	83.38
1	64QAM	2 125.00	46.45	2 165.00	46.00	49.24	83.94
2	64QAM	2 125.00	46.58	2 165.00	46.13	49.37	86.56
3	64QAM	2 125.00	46.74	2 165.00	46.21	49.49	89.02

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 125.00 + 2 165.00	342.91

(4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod.	n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier		B66 LTE 15 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 132.50	48.33	2 172.50	43.07	49.46	88.34
1	64QAM	2 132.50	48.21	2 172.50	43.01	49.36	86.28
2	64QAM	2 132.50	48.21	2 172.50	43.00	49.35	86.12
3	64QAM	2 132.50	48.37	2 172.50	43.09	49.50	89.12

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 132.50 + 2 172.50	349.86

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod.	n66 5G NR 5 MHz 1 Carrier		n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 112.50	39.34	2 152.50	49.69	50.07	101.70
1	64QAM	2 112.50	38.63	2 152.50	49.06	49.44	87.90
2	64QAM	2 112.50	38.51	2 152.50	48.97	49.34	85.94
3	64QAM	2 112.50	39.01	2 152.50	49.54	49.91	97.90

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 112.50 + 2 152.50	373.44

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod.	n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier		B66 LTE 5 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 137.50	49.78	2 177.50	38.95	50.12	102.85
1	64QAM	2 137.50	49.16	2 177.50	38.18	49.49	88.99
2	64QAM	2 137.50	49.00	2 177.50	38.22	49.35	86.14
3	64QAM	2 137.50	49.58	2 177.50	38.71	49.92	98.13

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)	
	64QAM	
	W	
2 137.50 + 2 177.50	376.12	

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod.	n66 5G NR 5 MHz 1 Carrier		n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 112.50	39.10	2 152.50	49.53	49.91	97.86
1	64QAM	2 112.50	38.59	2 152.50	49.09	49.46	88.31
2	64QAM	2 112.50	38.45	2 152.50	48.99	49.36	86.25
3	64QAM	2 112.50	38.77	2 152.50	49.30	49.67	92.60

Sum Data of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	Output Power (Conducted)
	64QAM
	W
2 112.50 + 2 152.50	365.02

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier [5 Carrier] (4C+1C)

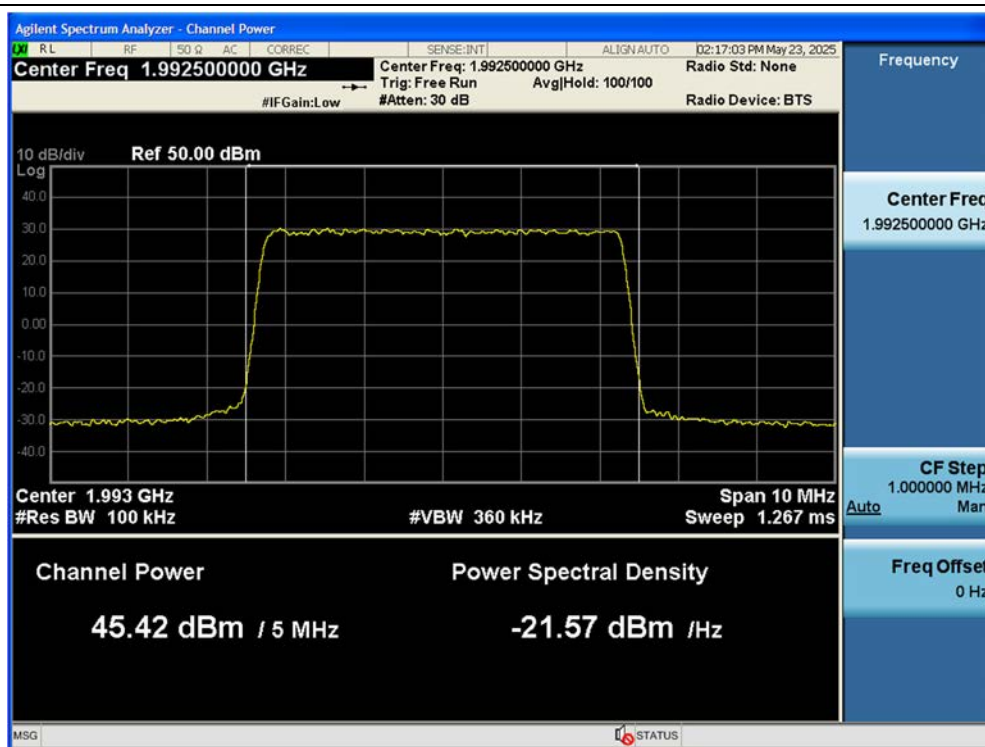
Ant.	Mod.	n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier		n66 5G NR 30 MHz 1 Carrier		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	64QAM	2 125.00	47.02	2 165.00	46.71	49.88	97.28
1	64QAM	2 125.00	46.59	2 165.00	46.28	49.45	88.05
2	64QAM	2 125.00	46.30	2 165.00	46.05	49.19	82.94
3	64QAM	2 125.00	46.93	2 165.00	46.62	49.79	95.18

Sum Data of Port 0, Port 1, Port 2 and Port 3

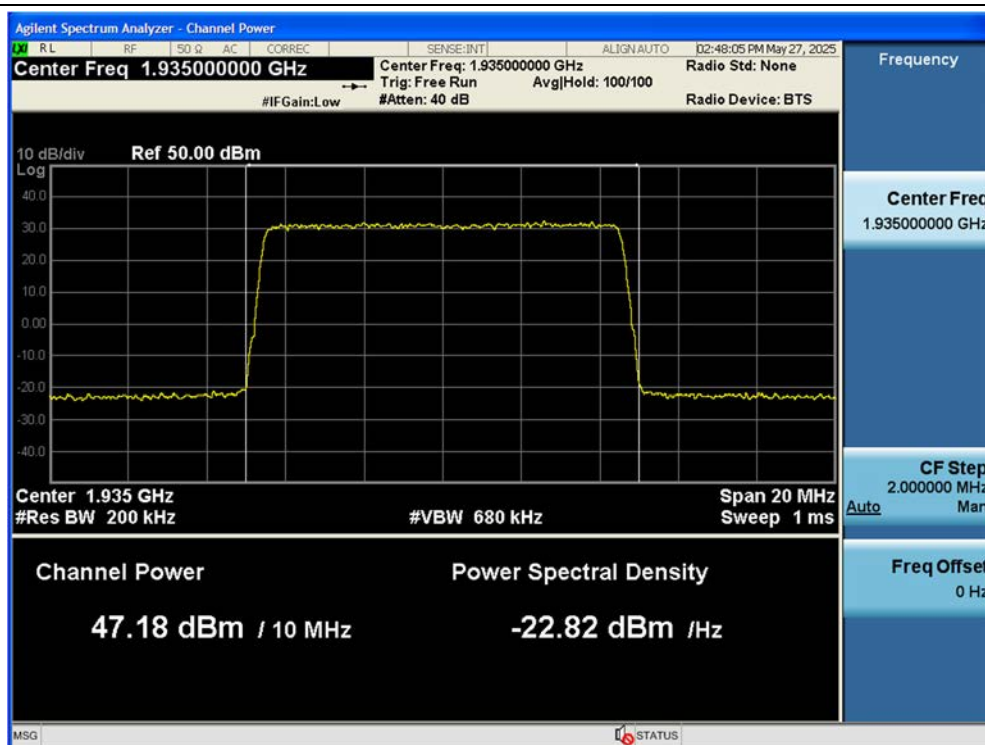
Frequency (MHz)	Output Power (Conducted)	
	64QAM	
	W	
2 125.00 + 2 165.00	363.45	

Plot Data of RF Output Power

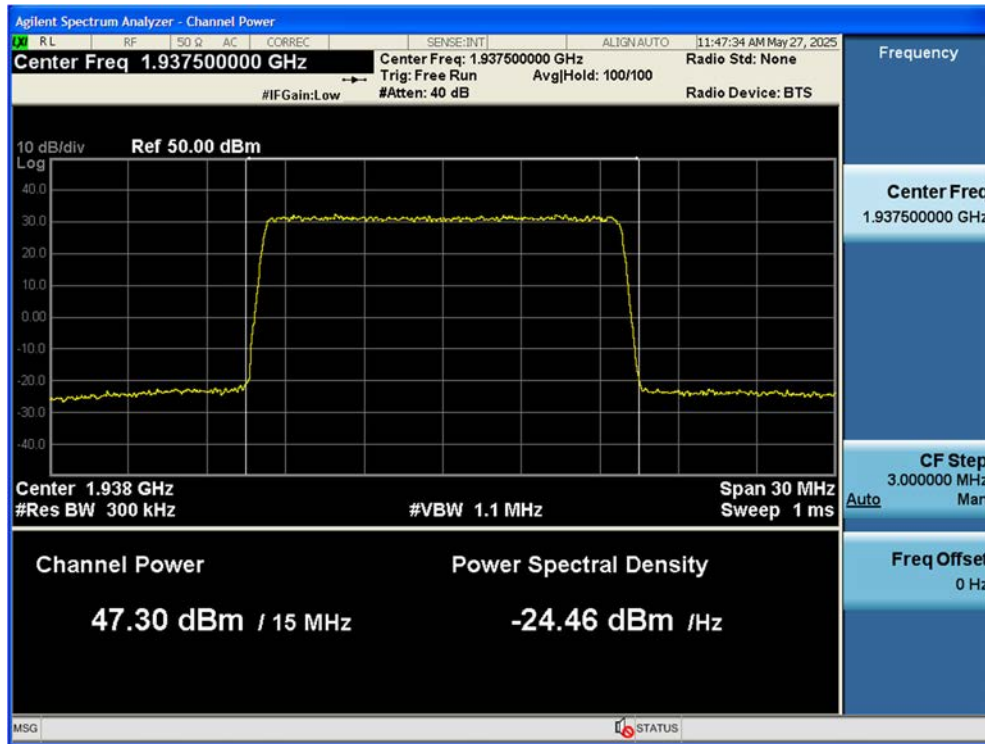
Antenna 2 / (4 Port) B25 LTE 5 MHz 1 Carrier / 64QAM / High



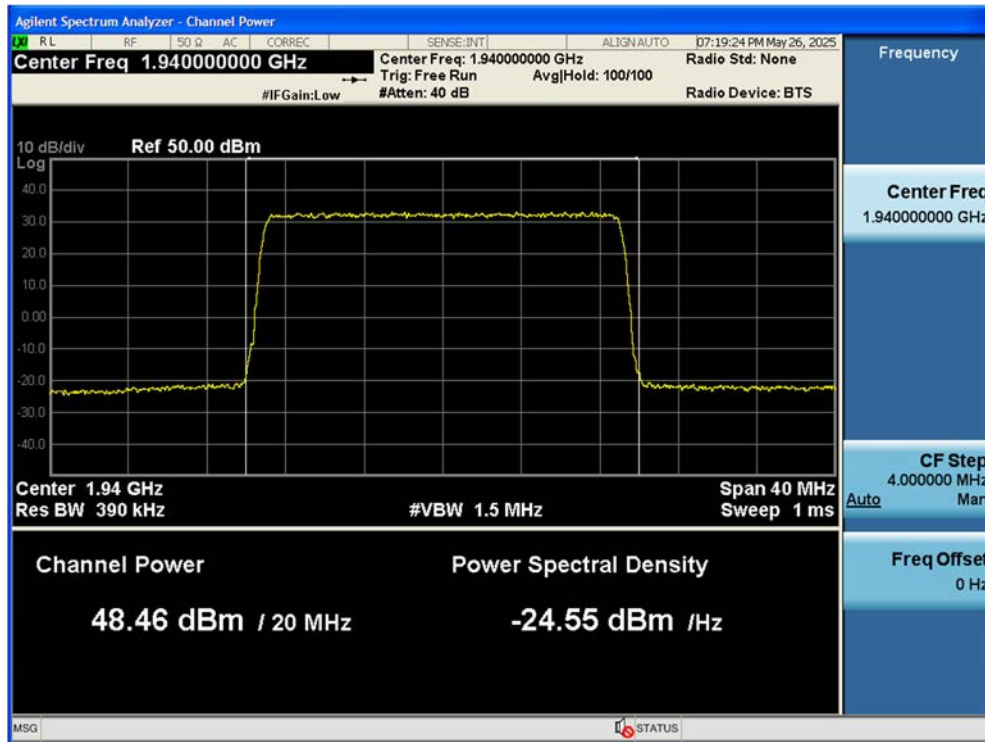
Antenna 2 / (4 Port) B25 LTE 10 MHz 1 Carrier / 64QAM / Low



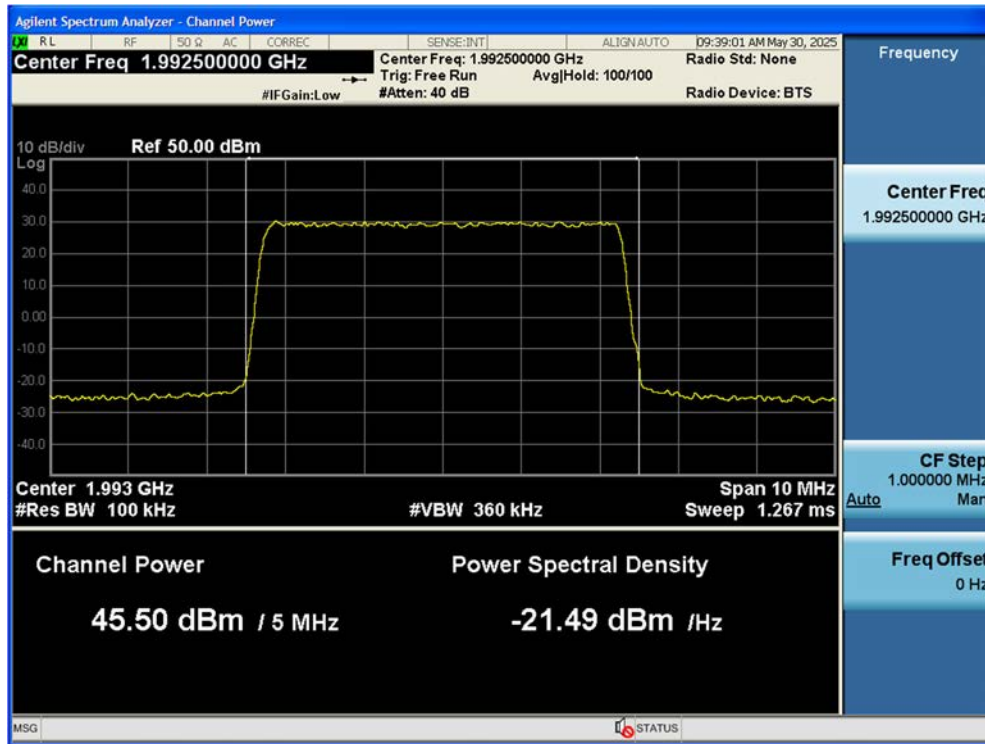
Antenna 0 / (4 Port) B25 LTE 15 MHz 1 Carrier / 64QAM / Low



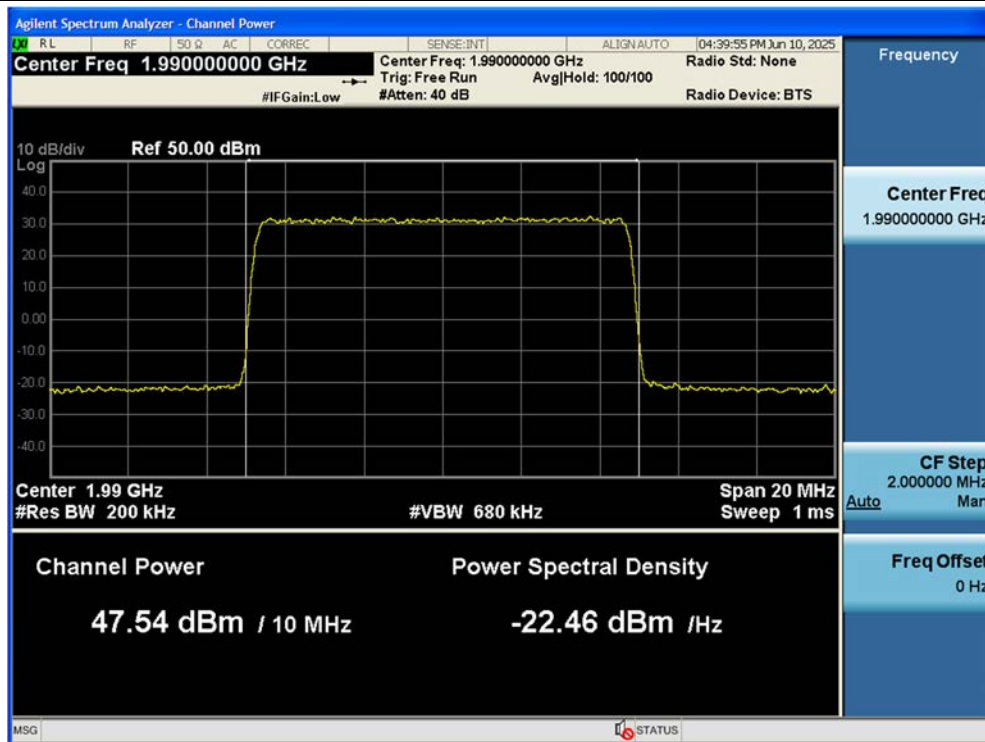
Antenna 3 / (4 Port) B25 LTE 20 MHz 1 Carrier / 64QAM / Low



Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier / 64QAM / High



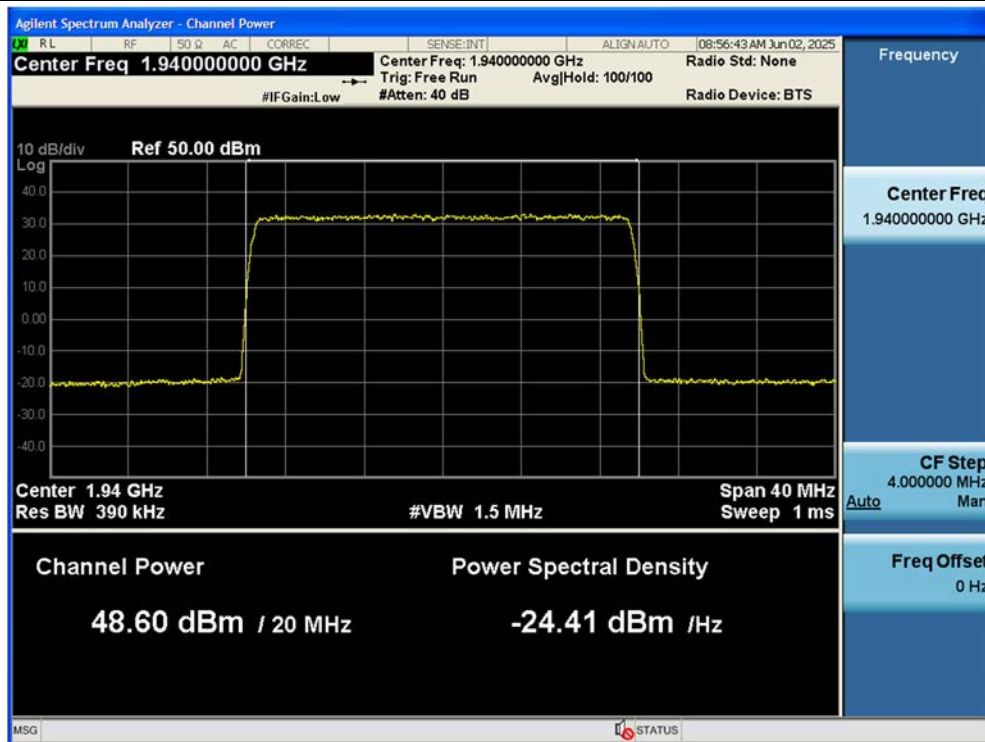
Antenna 2 / (4 Port) n25 5G NR 10 MHz 1 Carrier / 64QAM / High



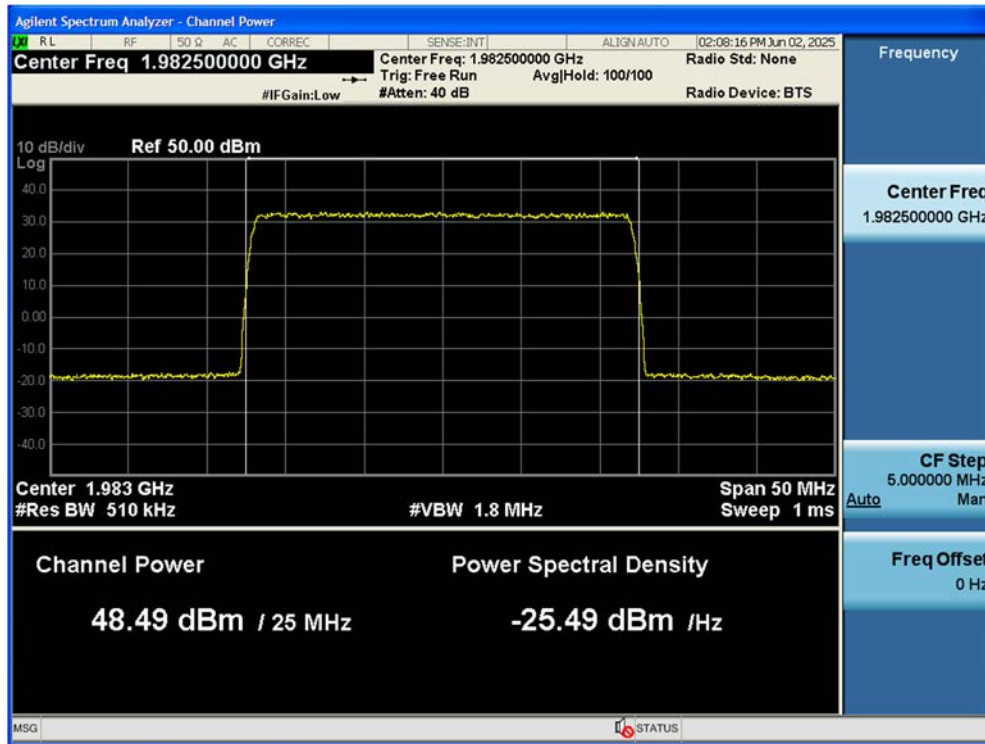
Antenna 2 / (4 Port) n25 5G NR 15 MHz 1 Carrier / 64QAM / High



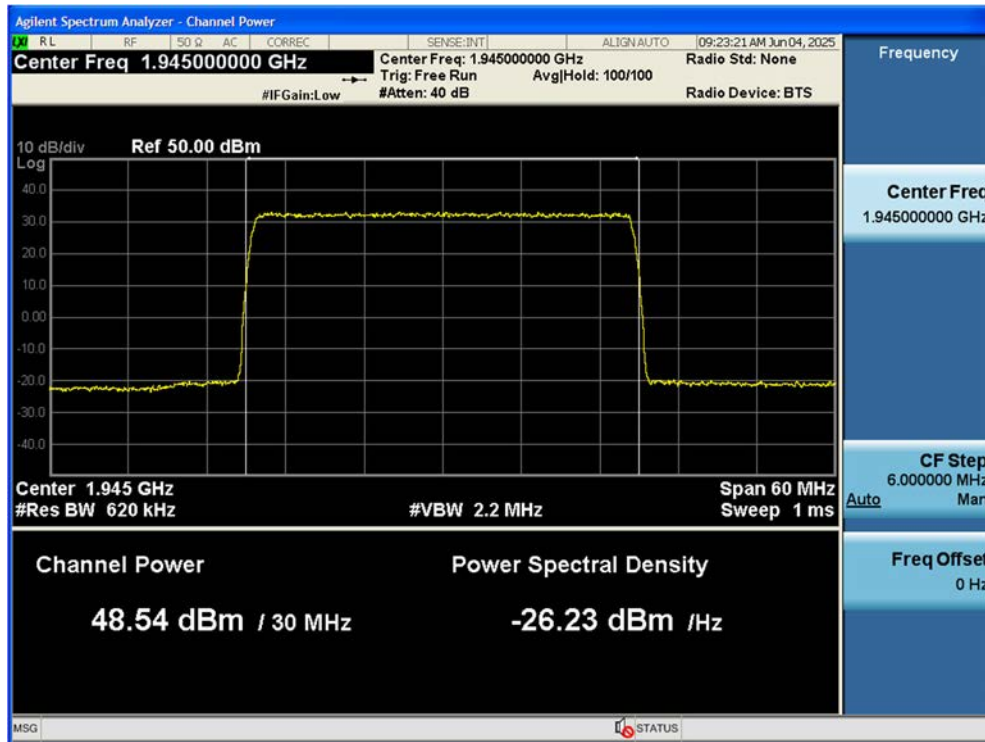
Antenna 2 / (4 Port) n25 5G NR 20 MHz 1 Carrier / 64QAM / Low



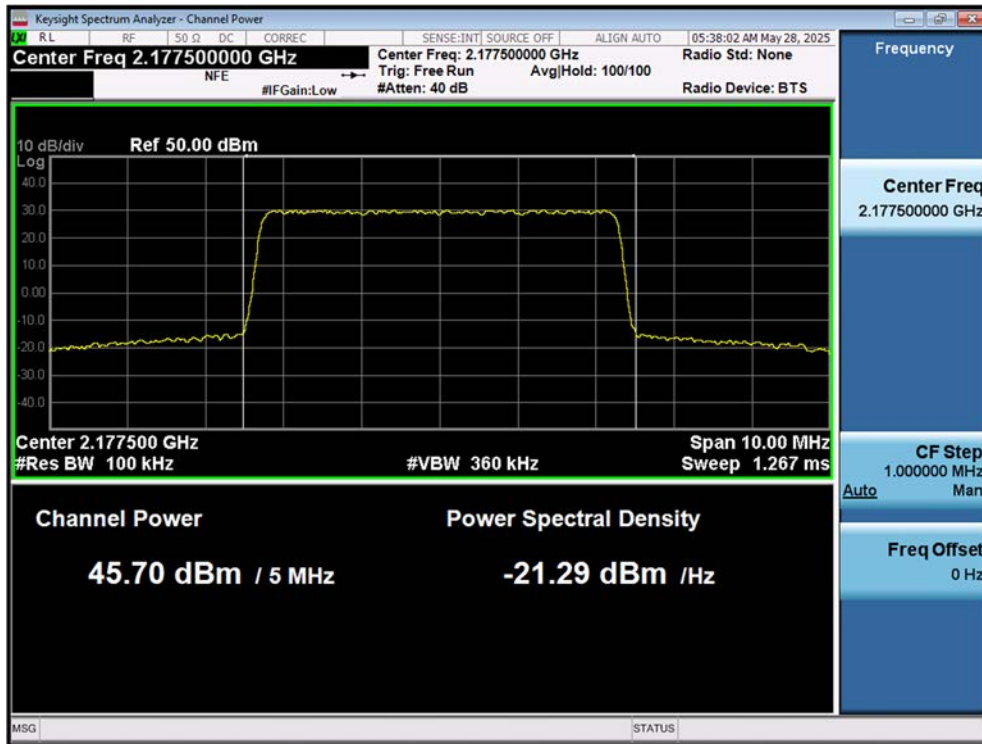
Antenna 2 / (4 Port) n25 5G NR 25 MHz 1 Carrier / 64QAM / High



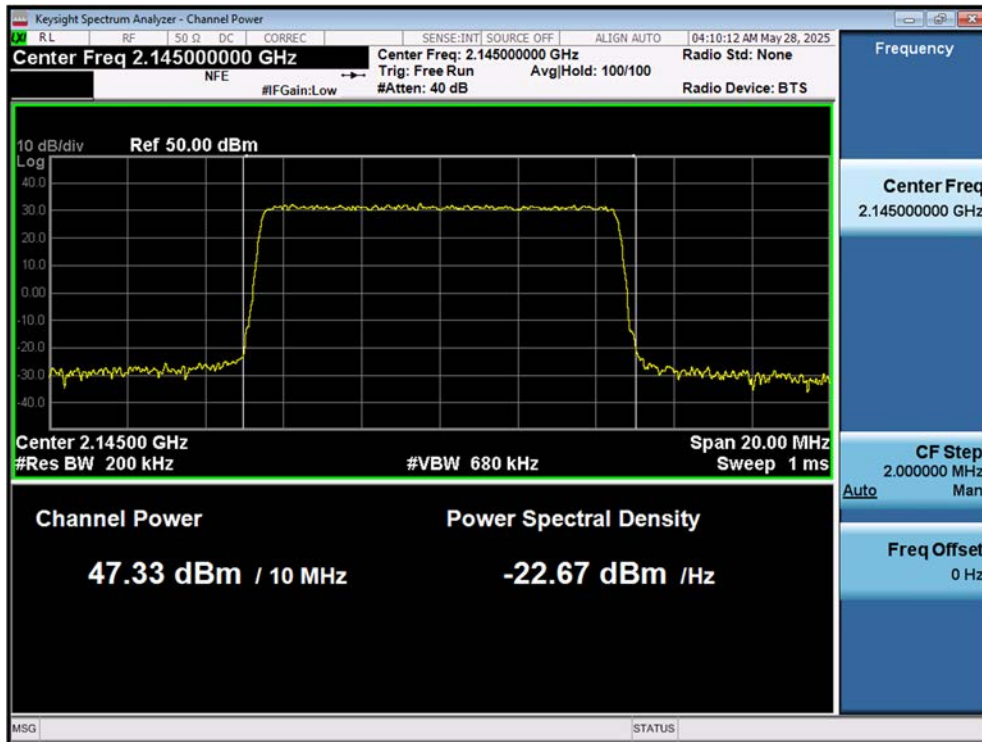
Antenna 0 / (4 Port) n25 5G NR 30 MHz 1 Carrier / 64QAM / Low



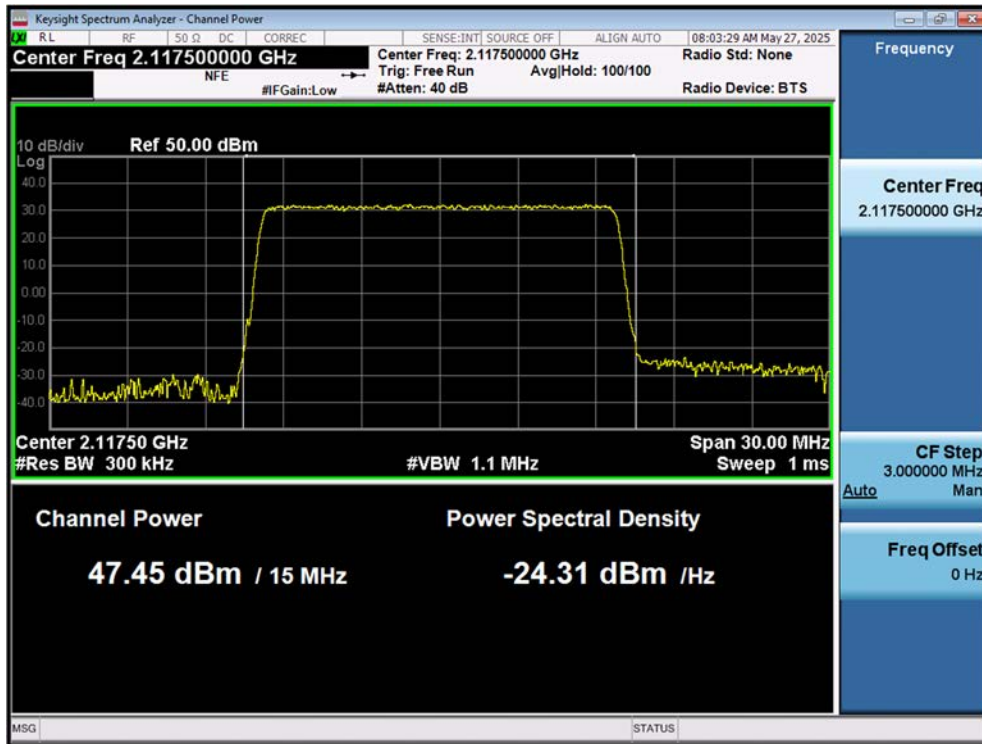
Antenna 0 / (4 Port) B66 LTE 5 MHz 1 Carrier / 64QAM / High



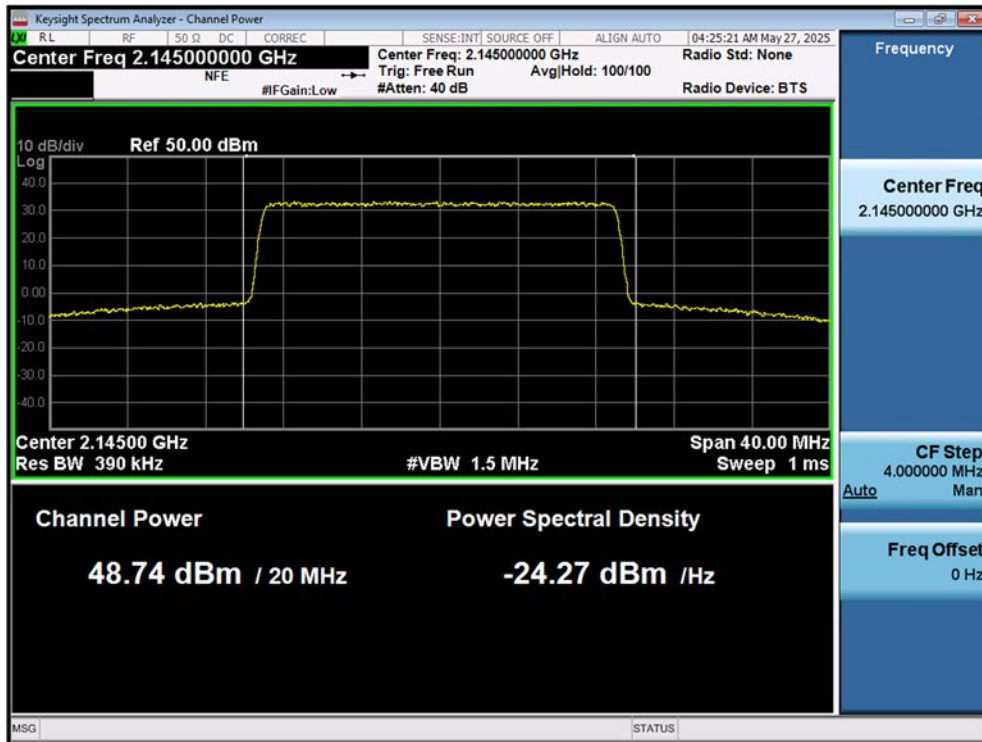
Antenna 3 / (4 Port) B66 LTE 10 MHz 1 Carrier / 64QAM / Middle



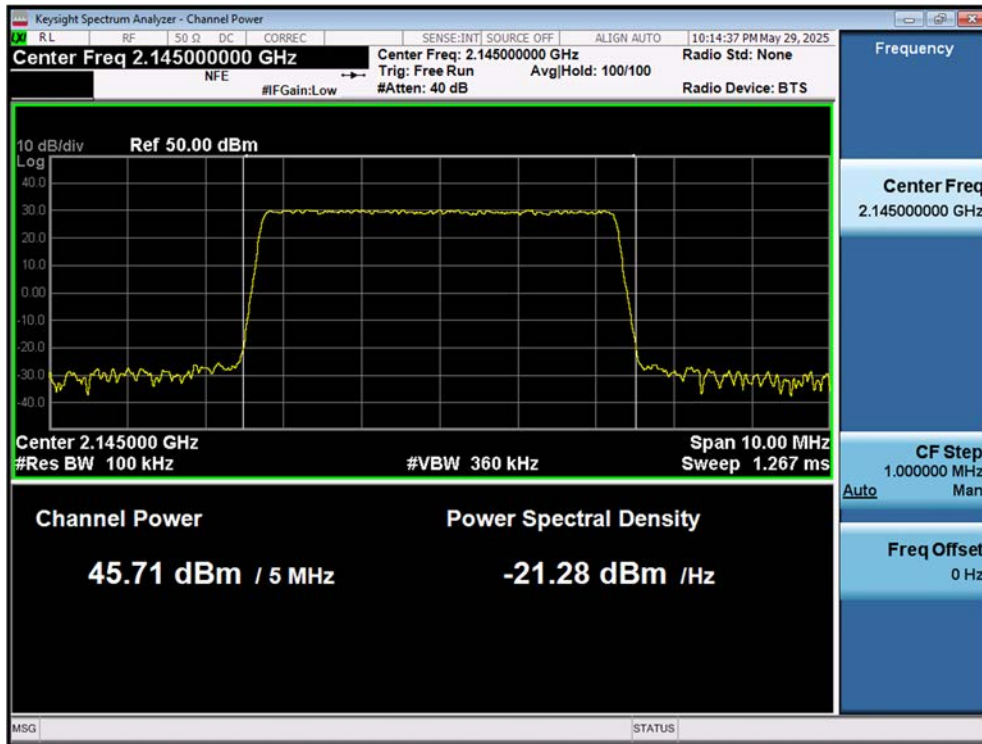
Antenna 3 / (4 Port) B66 LTE 15 MHz 1 Carrier / 64QAM / Low



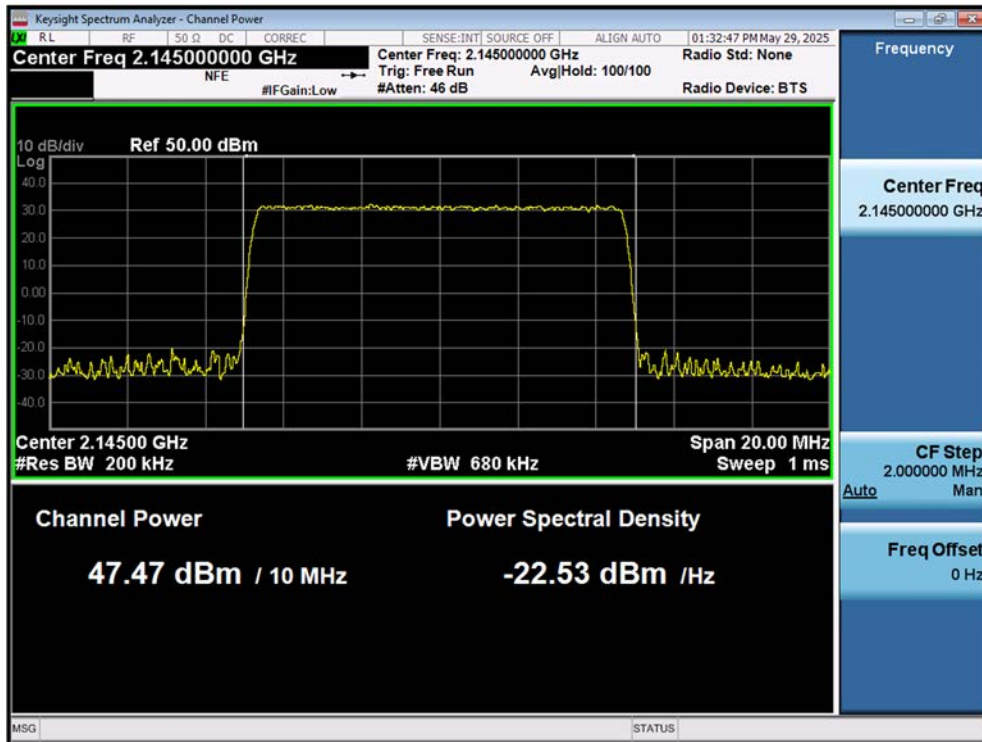
Antenna 0 / (4 Port) B66 LTE 20 MHz 1 Carrier / 64QAM / Middle



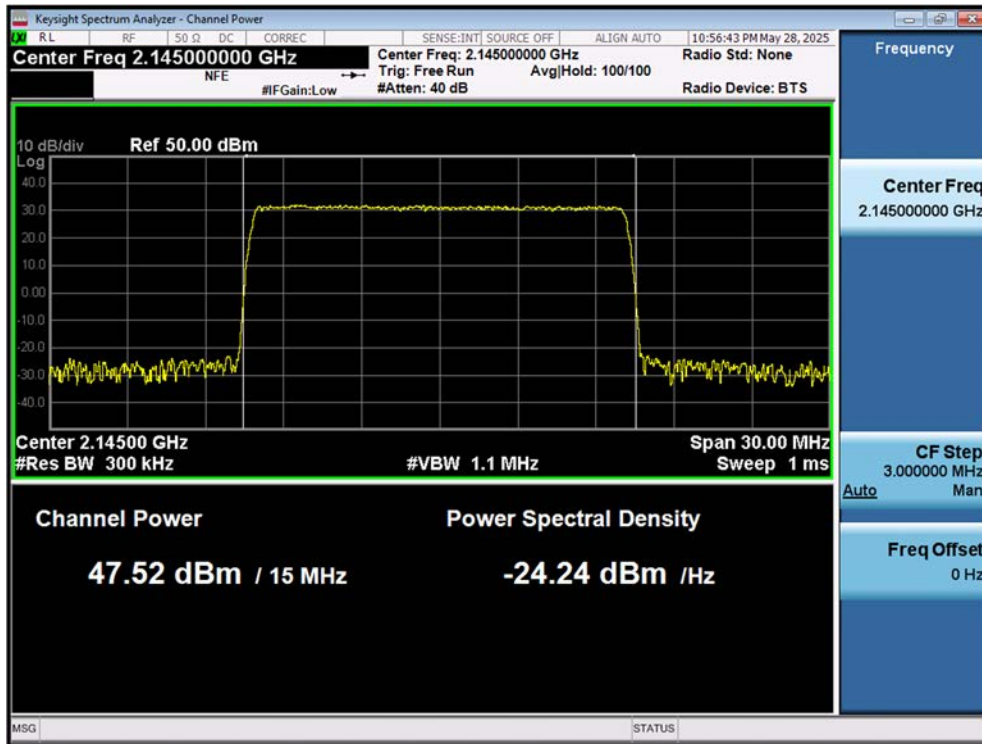
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier / 64QAM / Middle



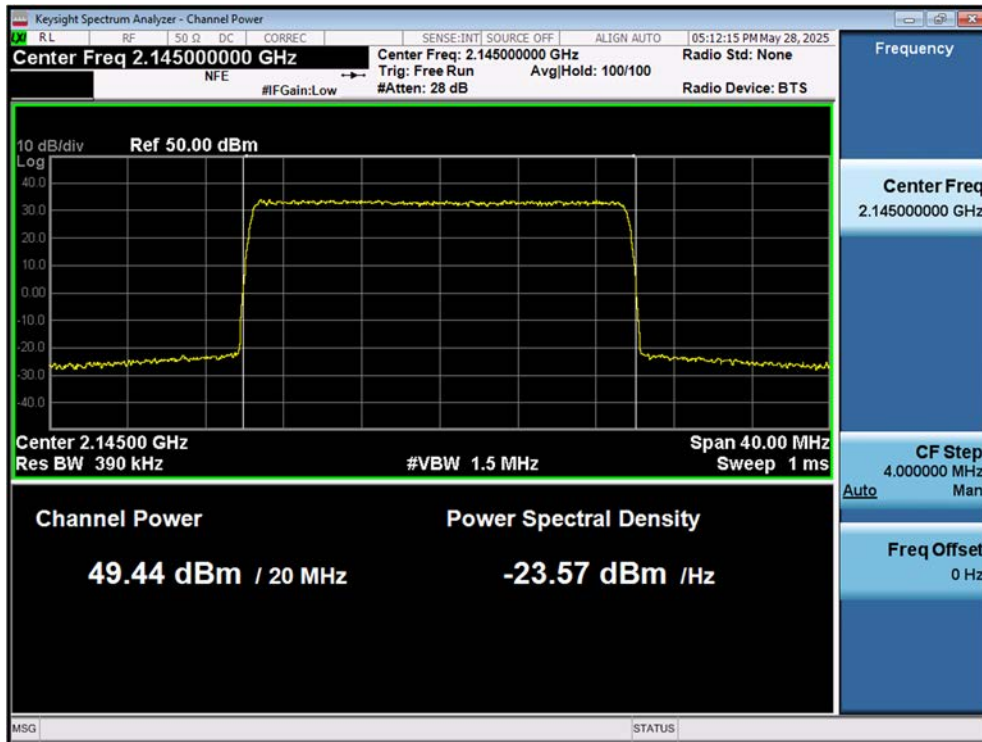
Antenna 0 / (4 Port) n66 5G NR 10 MHz 1 Carrier / 64QAM / Middle



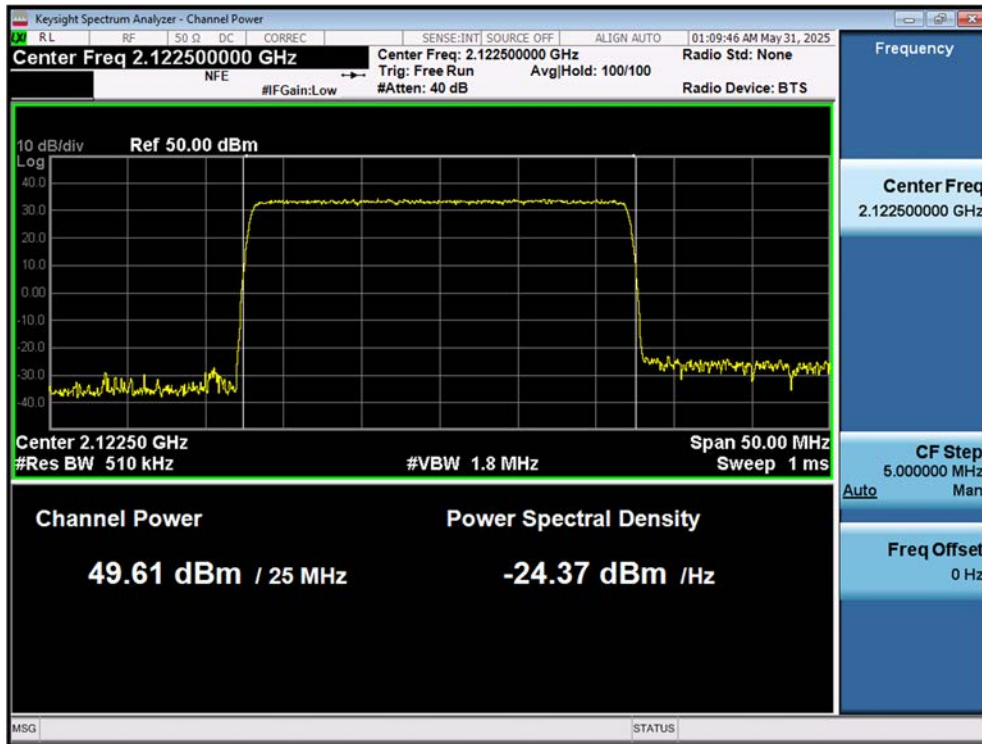
Antenna 0 / (4 Port) n66 5G NR 15 MHz 1 Carrier / 64QAM / Middle



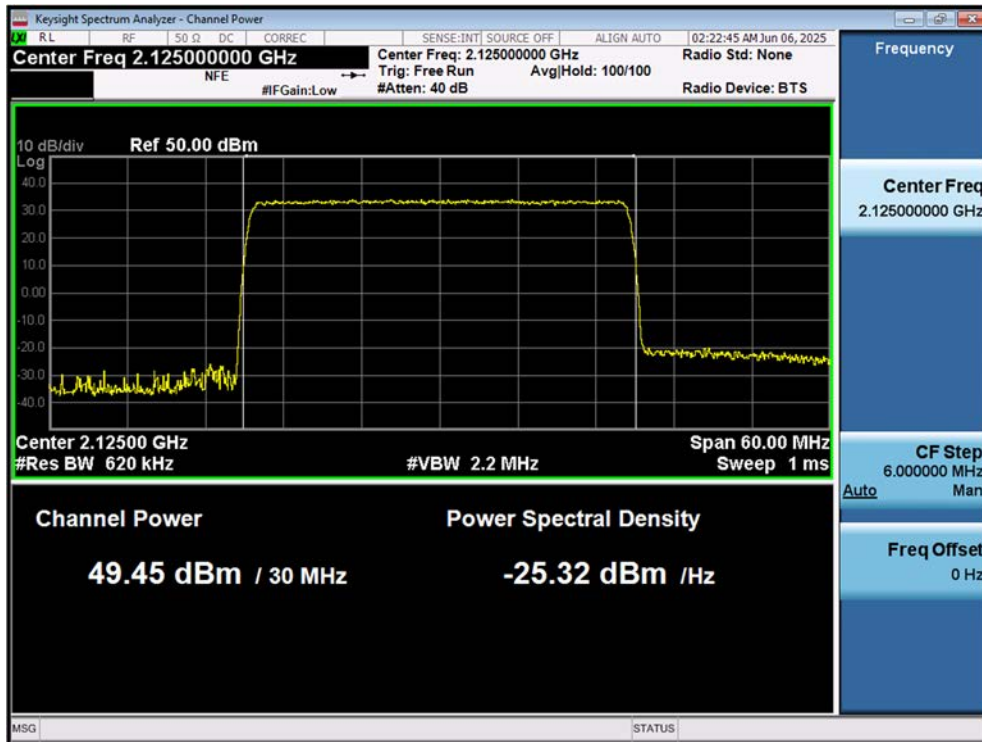
Antenna 0 / (4 Port) n66 5G NR 20 MHz 1 Carrier / 64QAM / Middle



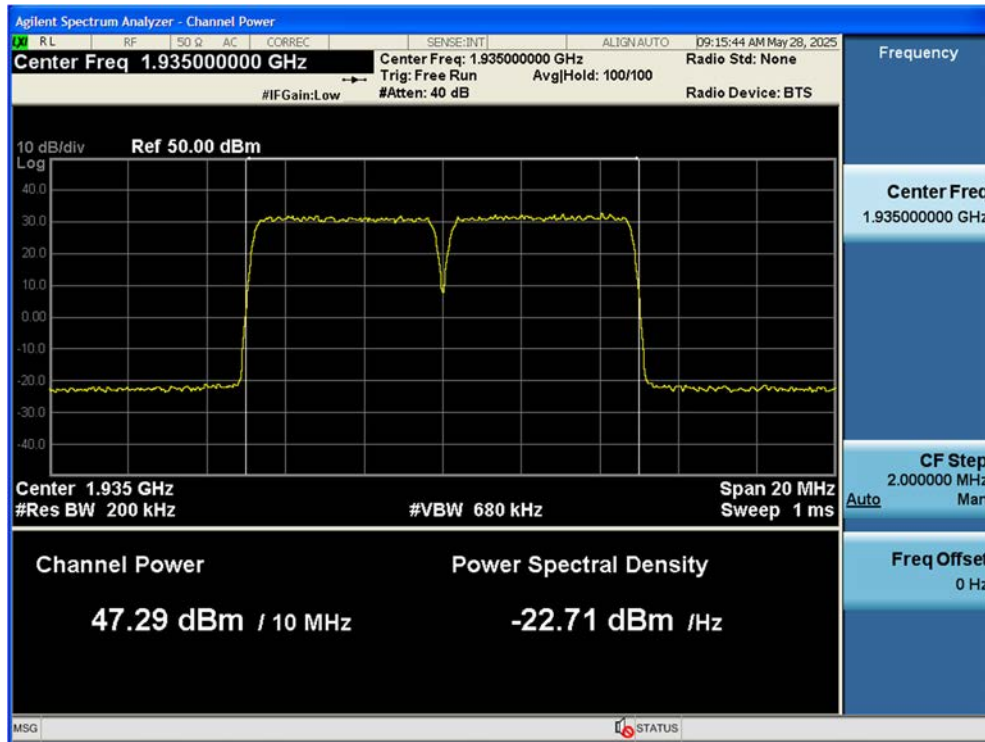
Antenna 3 / (4 Port) n66 5G NR 25 MHz 1 Carrier / 64QAM / Low



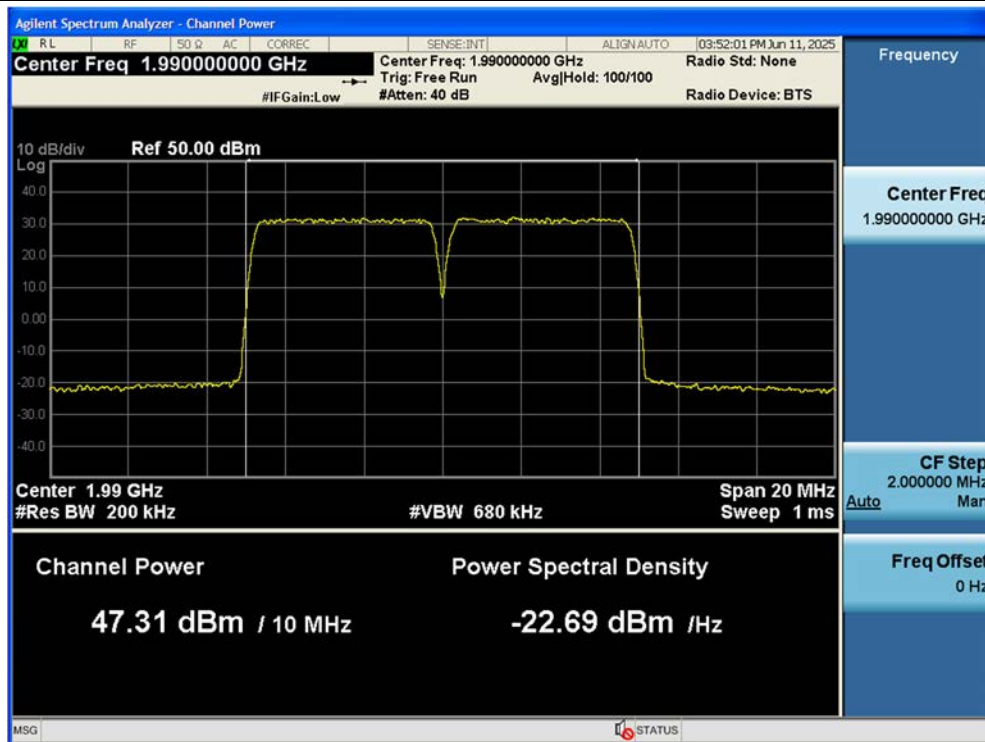
Antenna 3 / (4 Port) n66 5G NR 30 MHz 1 Carrier / 64QAM / Low



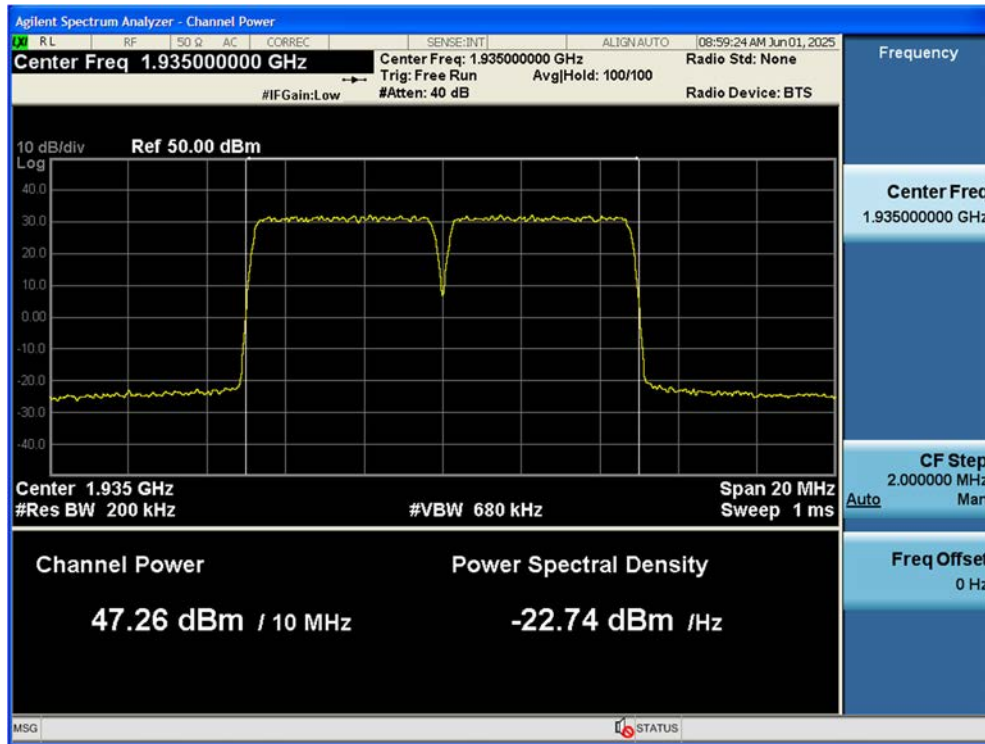
Antenna 2 / (4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Contiguous



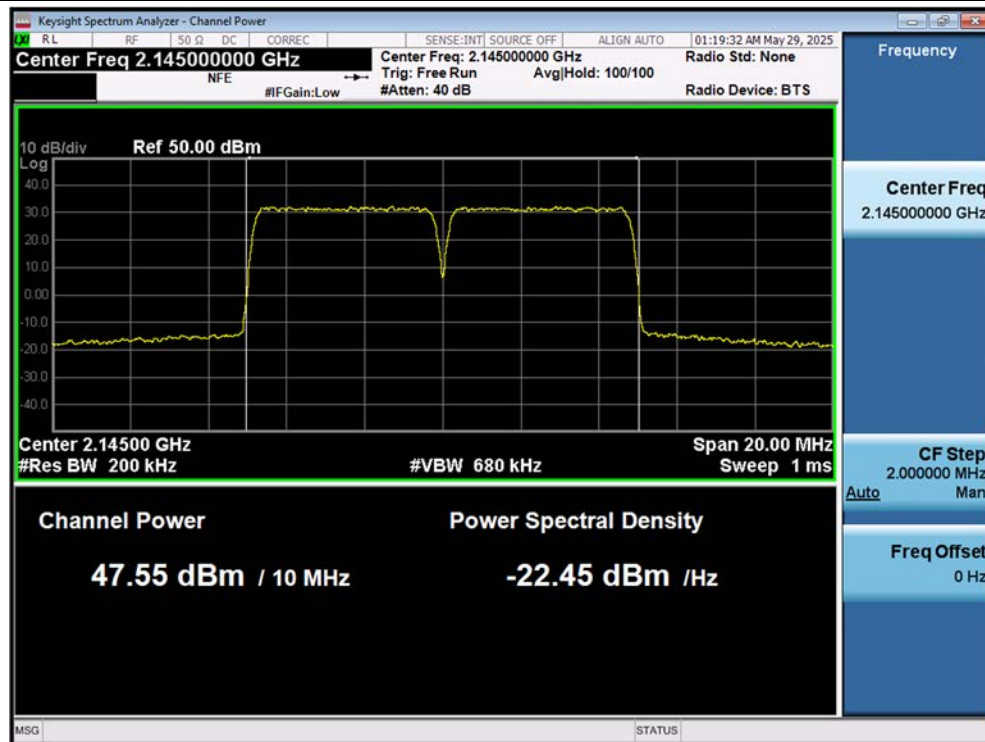
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Contiguous



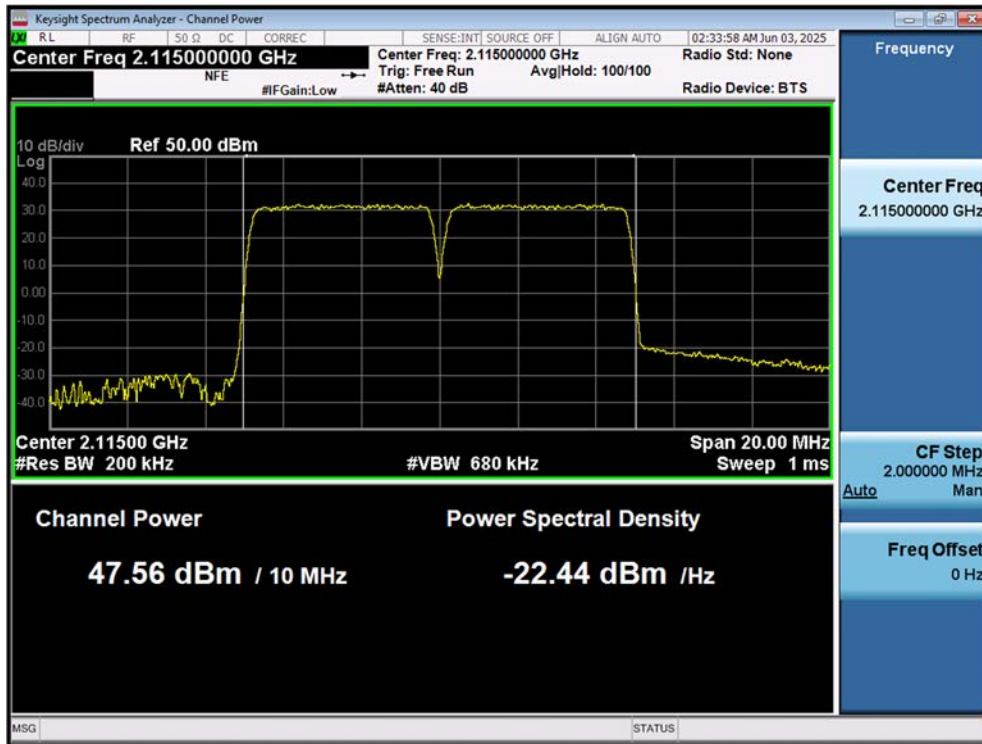
Antenna 0 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Contiguous



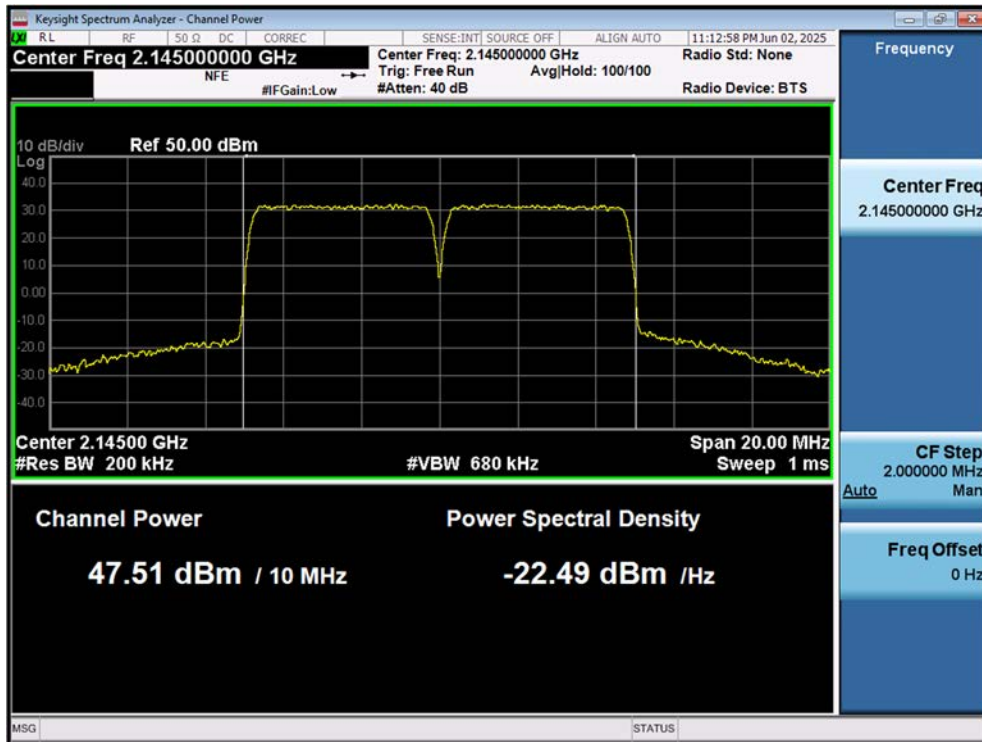
Antenna 0 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Middle / Contiguous



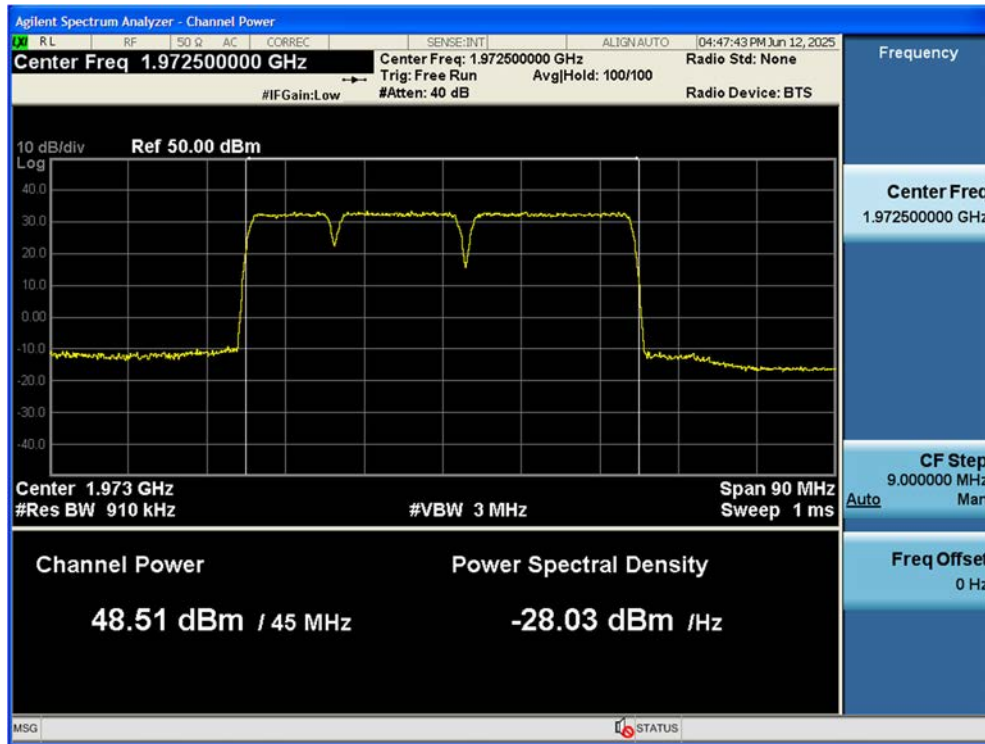
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Contiguous



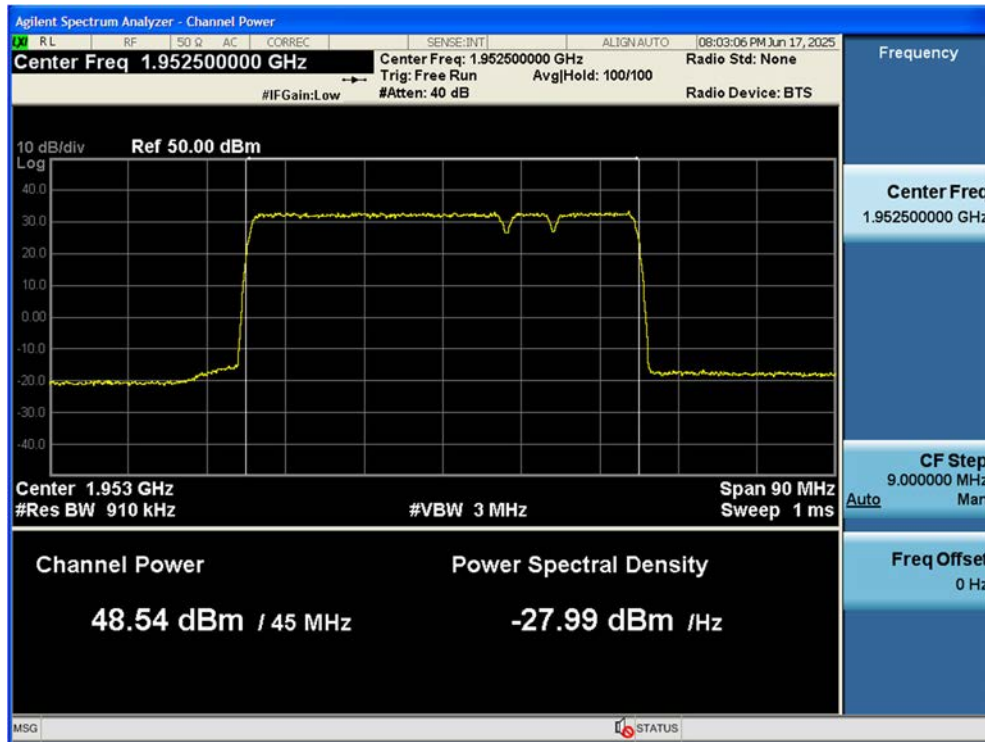
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier] / 64QAM / Middle / Contiguous



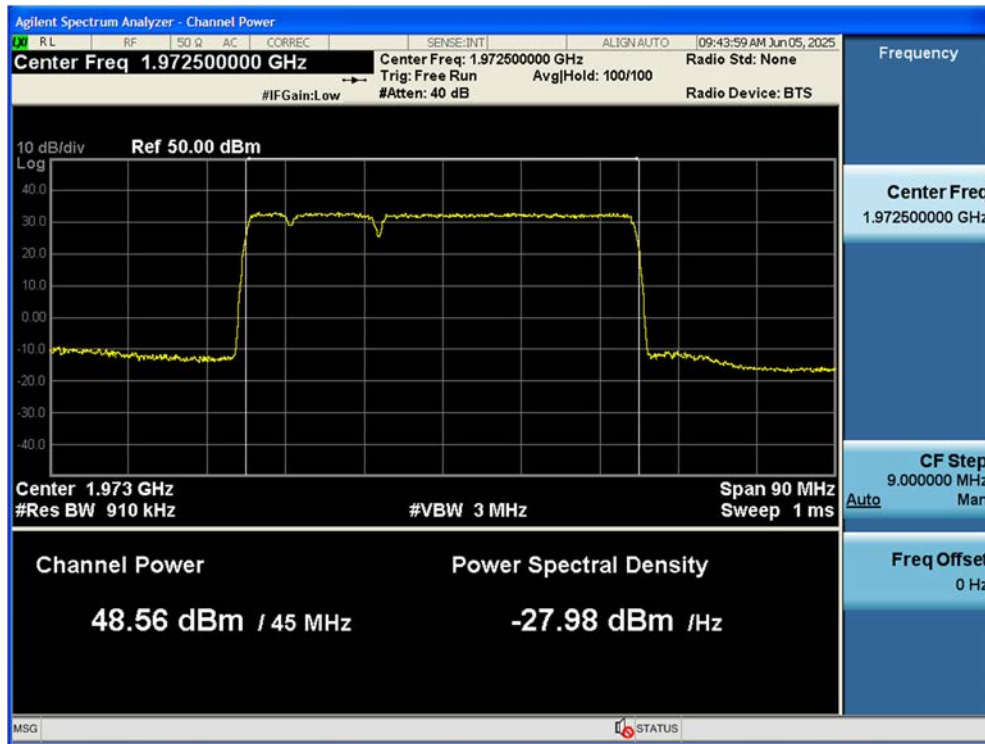
Antenna 2 / (4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] / 64QAM / High / Contiguous



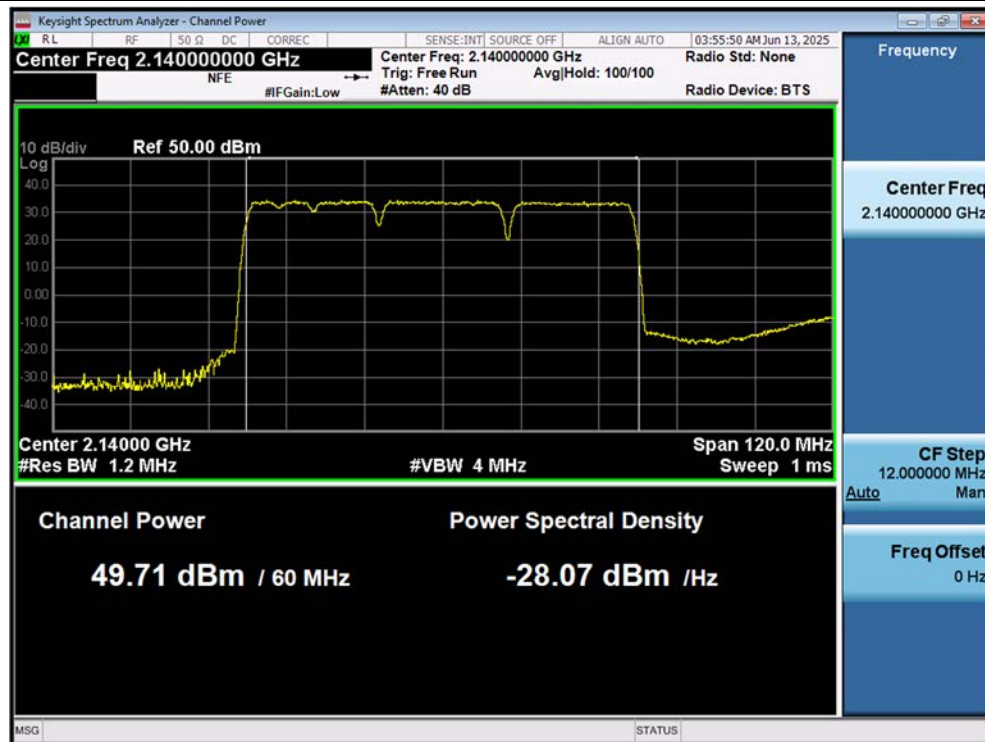
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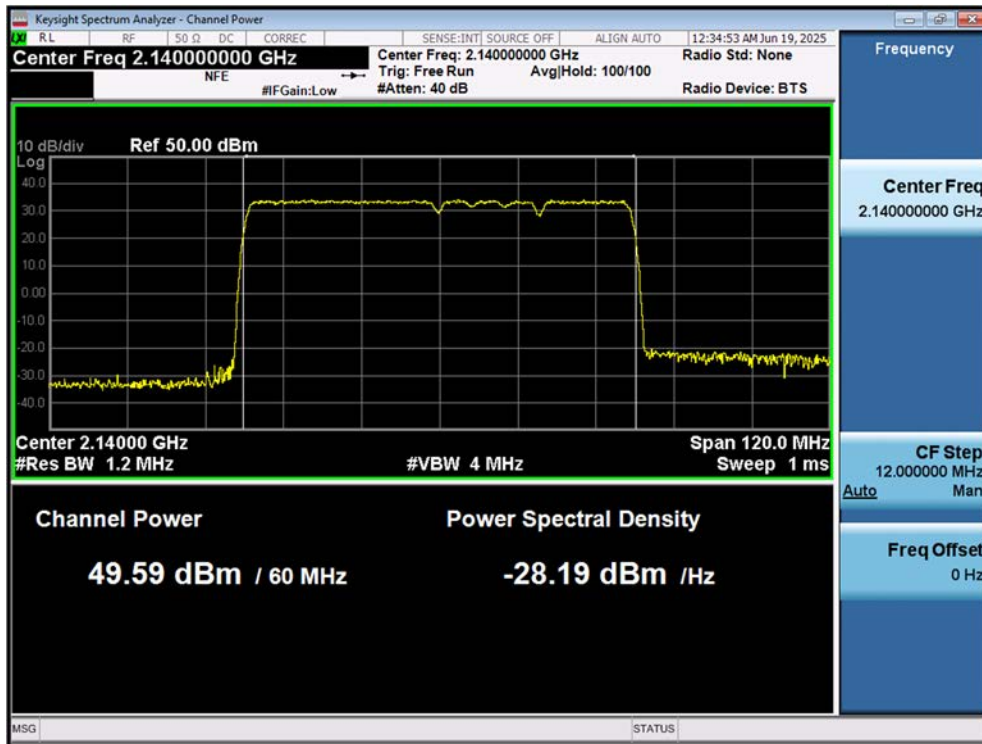
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] / 64QAM / High /
Contiguous



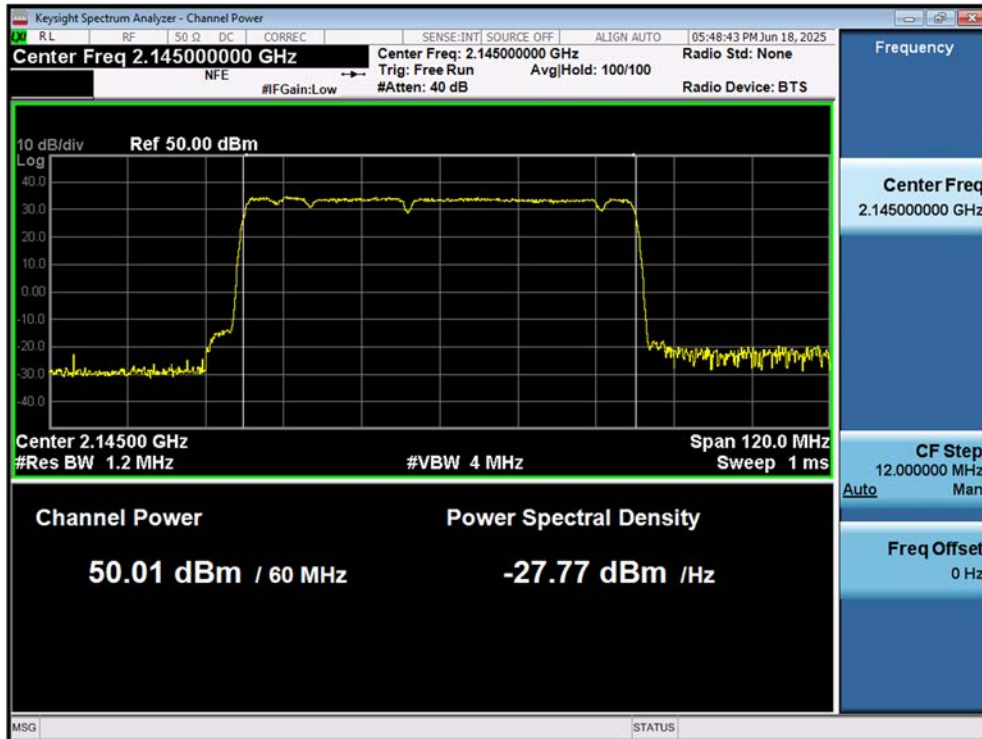
Antenna 0 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]
/ 64QAM / Low / Contiguous



Antenna 3 / (4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] / 64QAM / Low / Contiguous

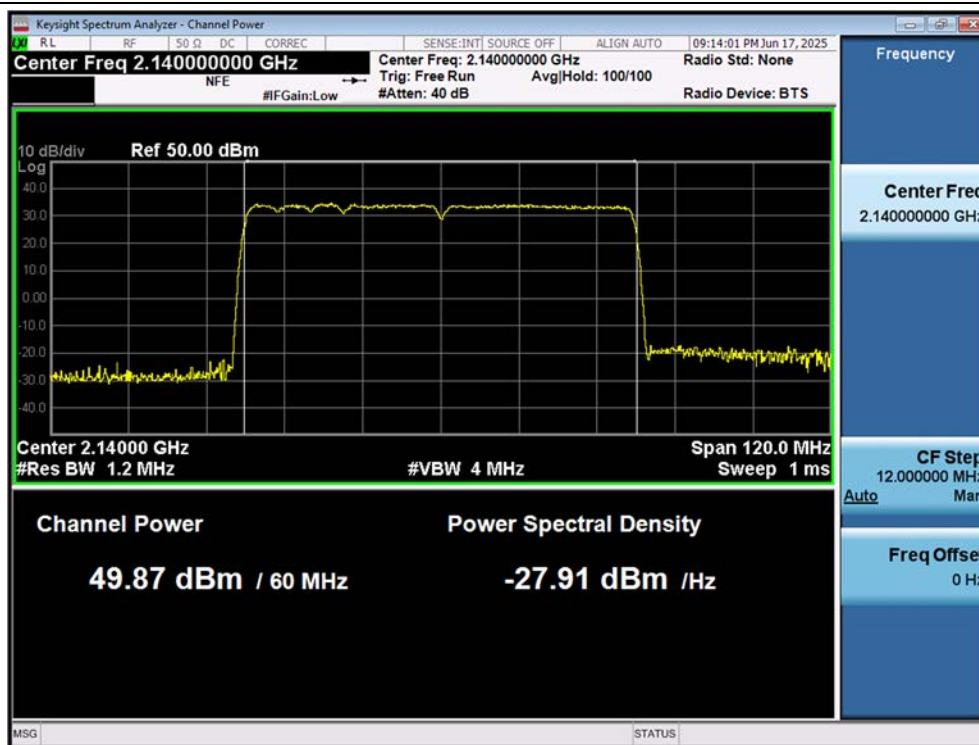


Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] / 64QAM / Middle / Contiguous

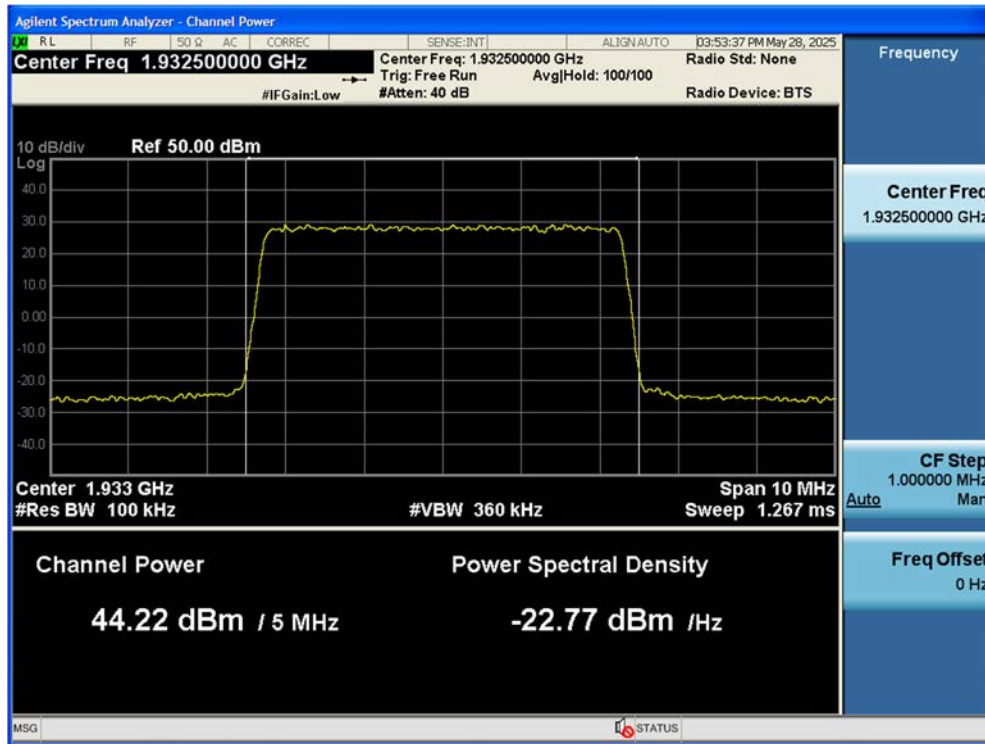


Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier

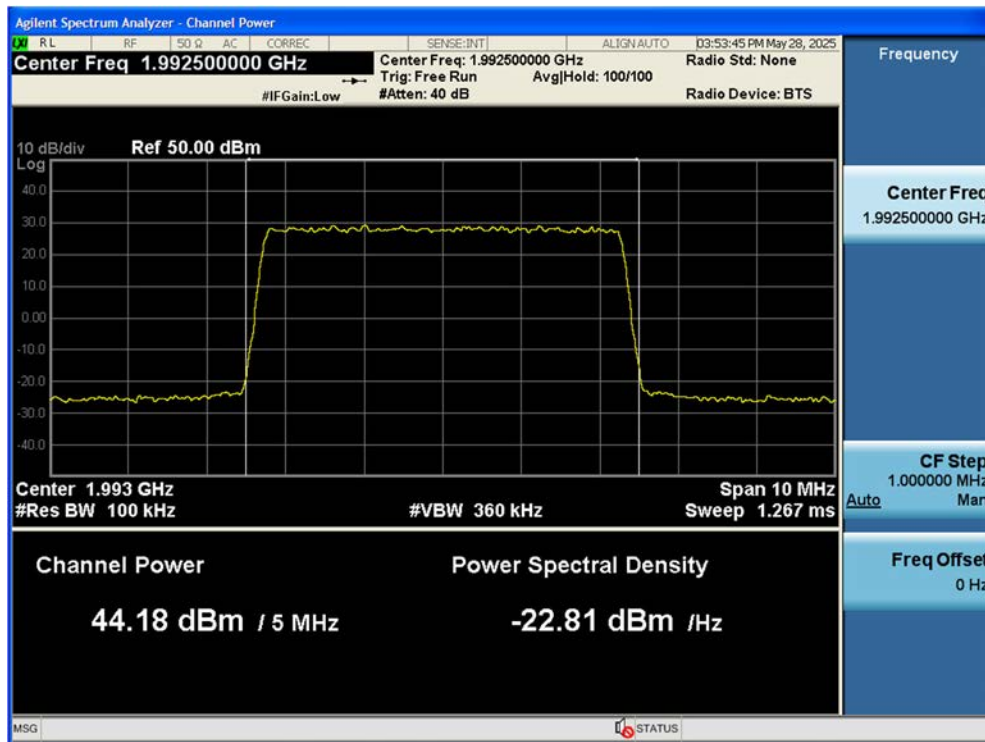
[5 Carrier] / 64QAM / Low / Contiguous



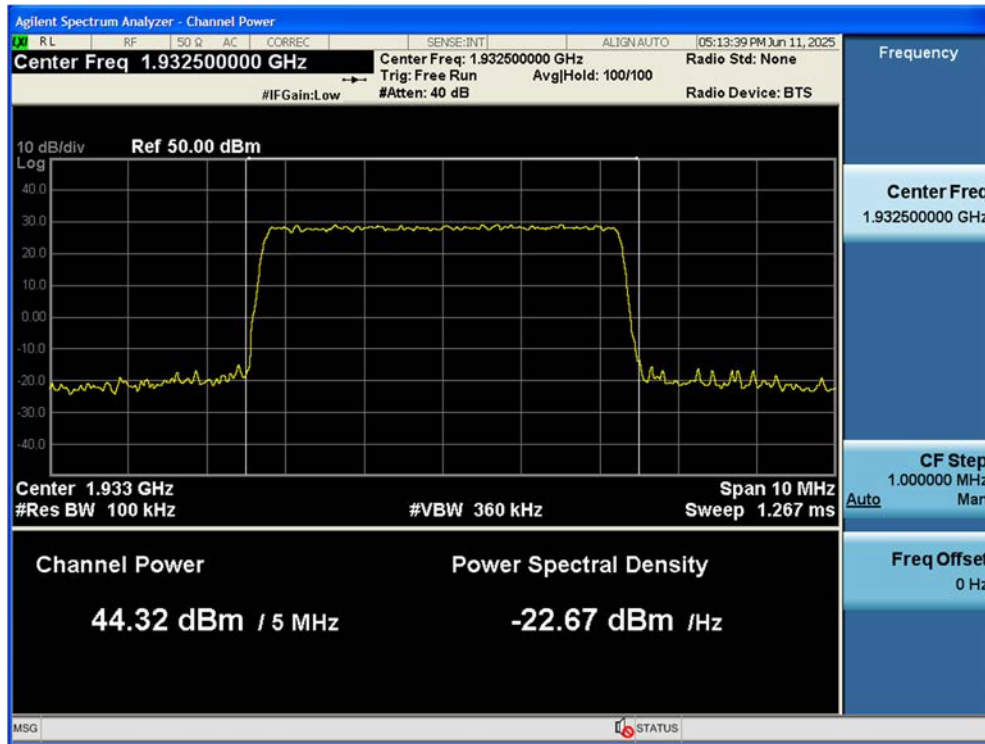
Antenna 2 / (4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Non-Contiguous



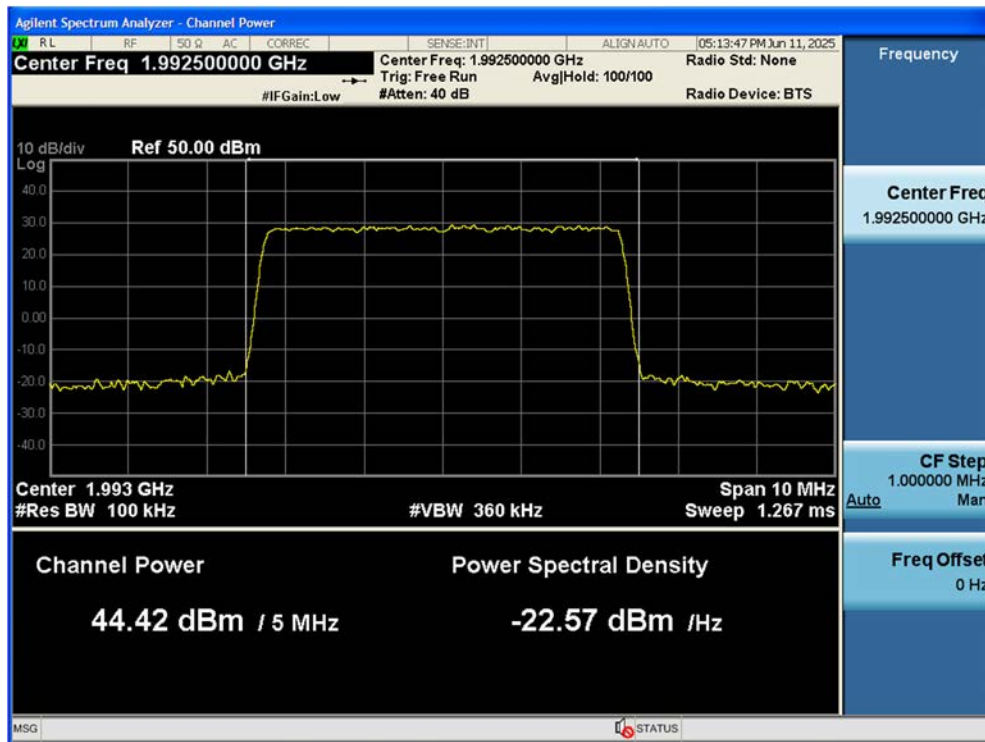
Antenna 2 / (4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Non-Contiguous



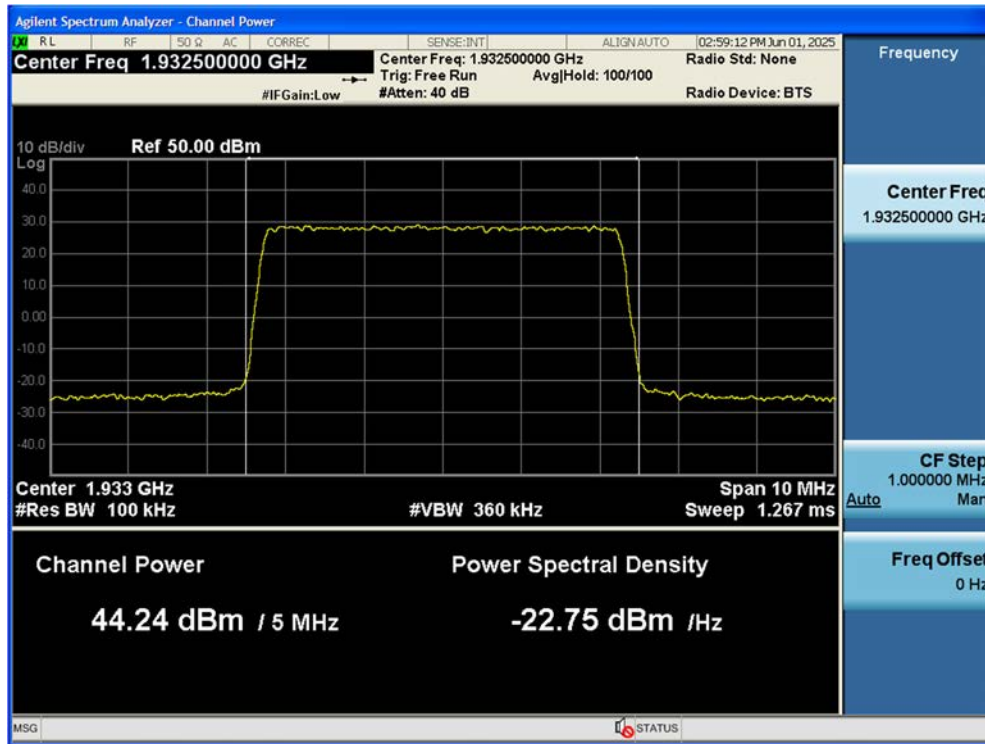
Antenna 0 / (4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Non-Contiguous



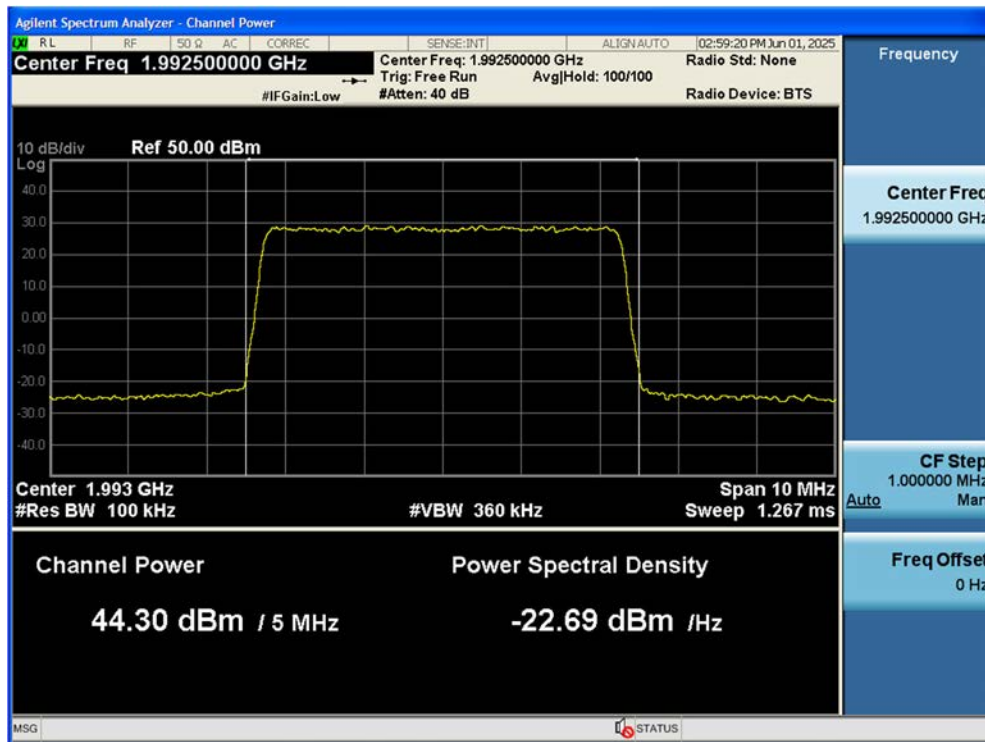
Antenna 0 / (4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Non-Contiguous



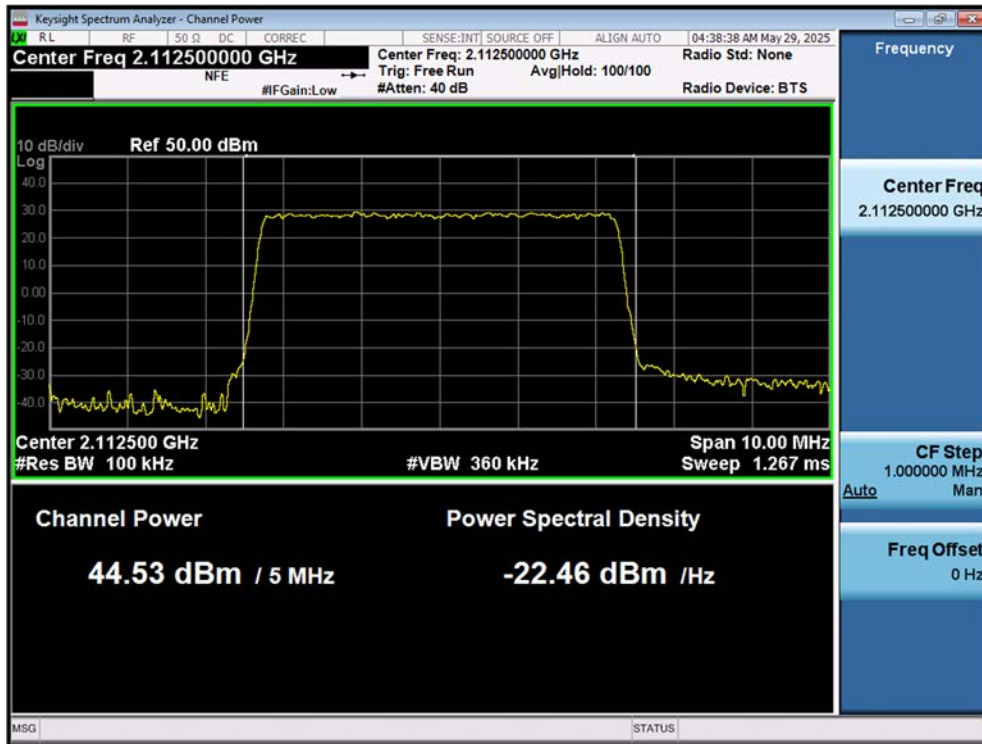
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Non-Contiguous



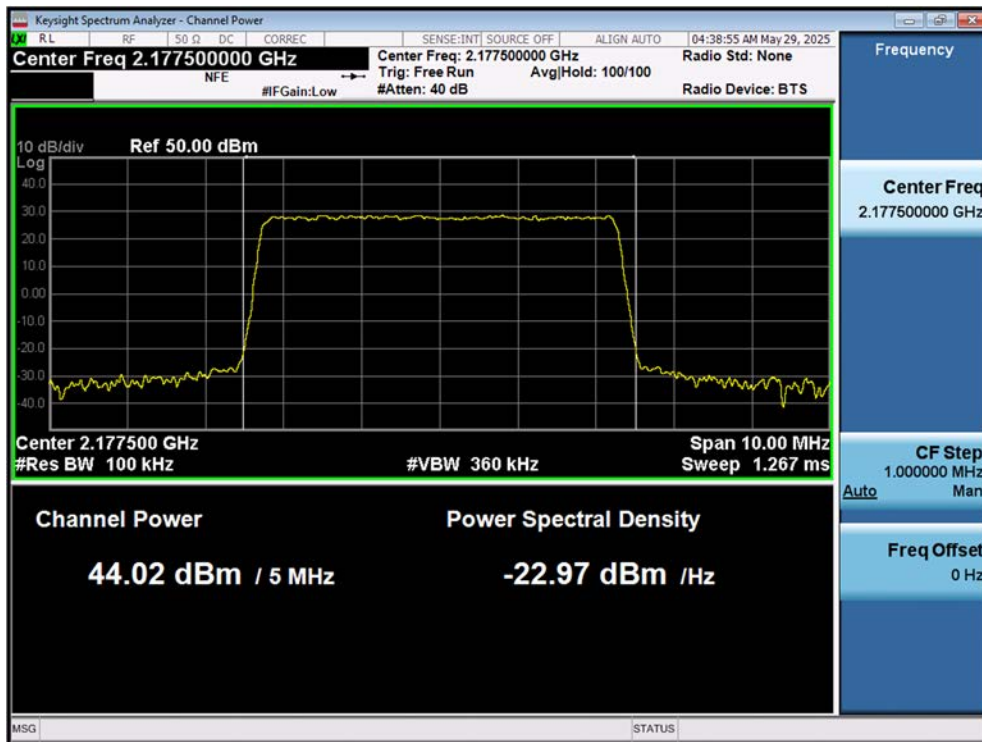
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Non-Contiguous



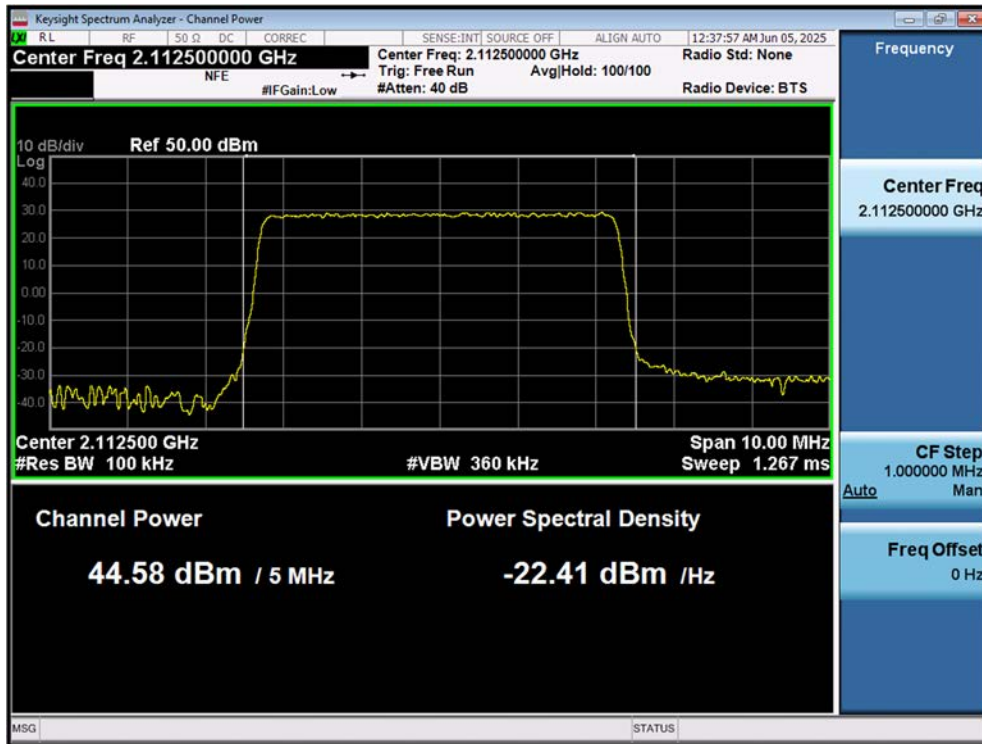
Antenna 3 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Non-Contiguous



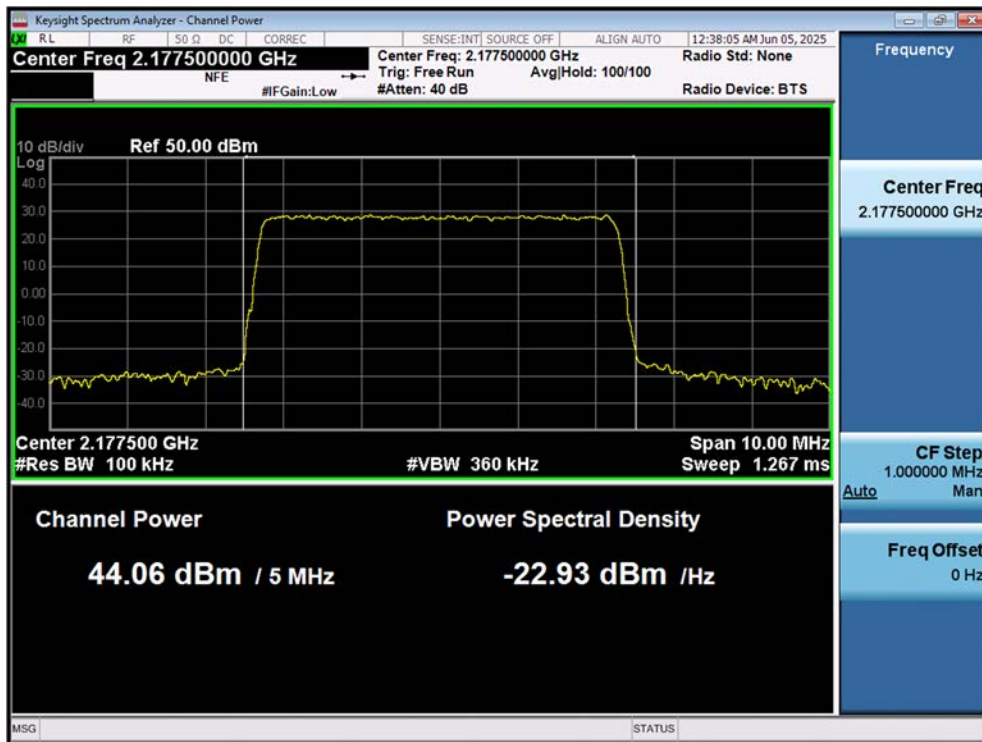
Antenna 3 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Non-Contiguous



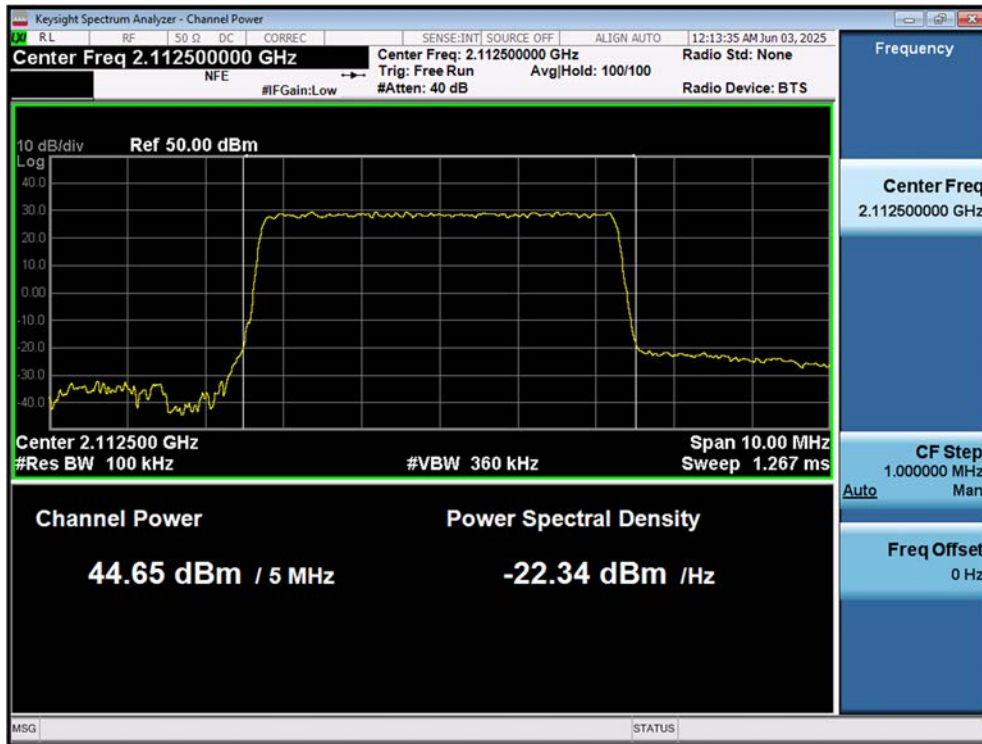
Antenna 3 / (4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Non-Contiguous



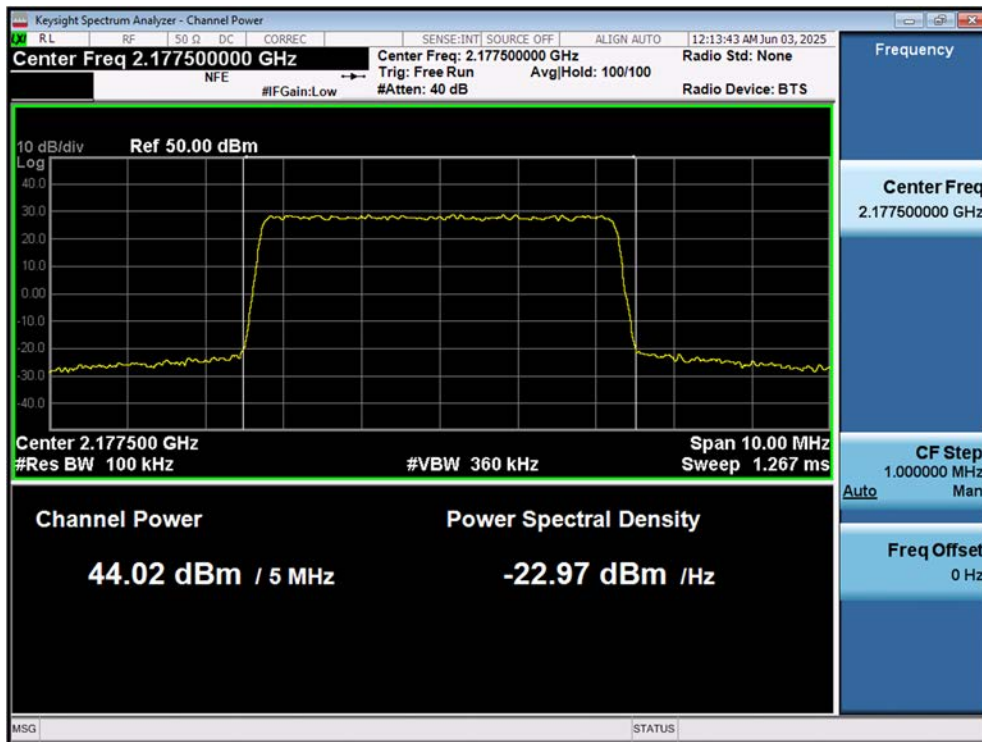
Antenna 3 / (4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Non-Contiguous



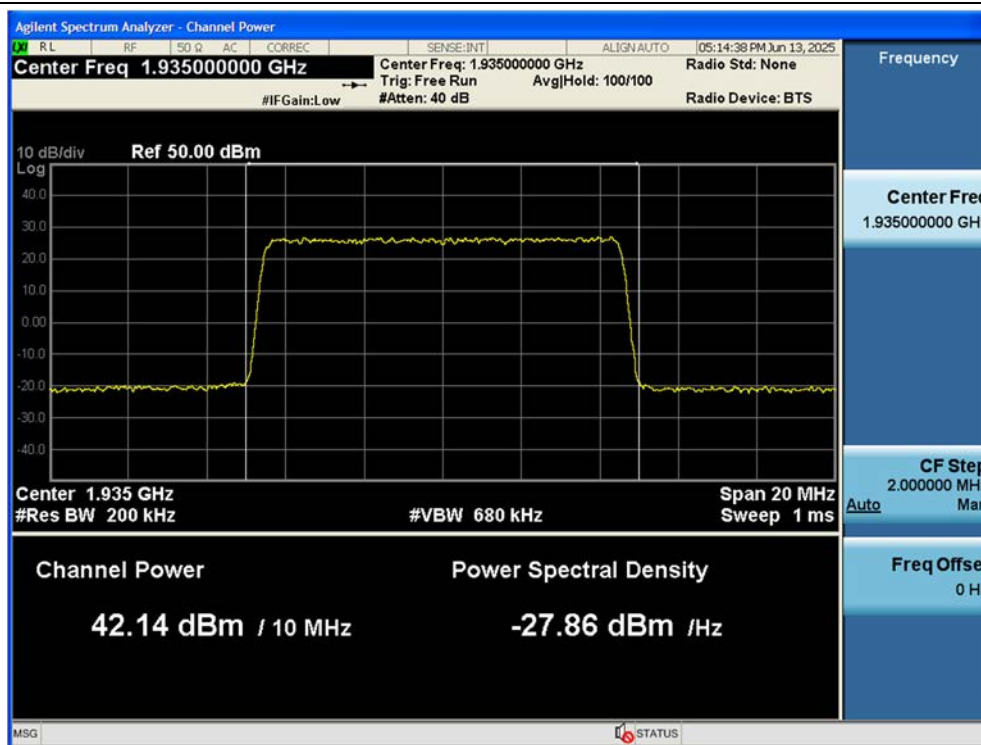
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier] / 64QAM / Low / Non-Contiguous



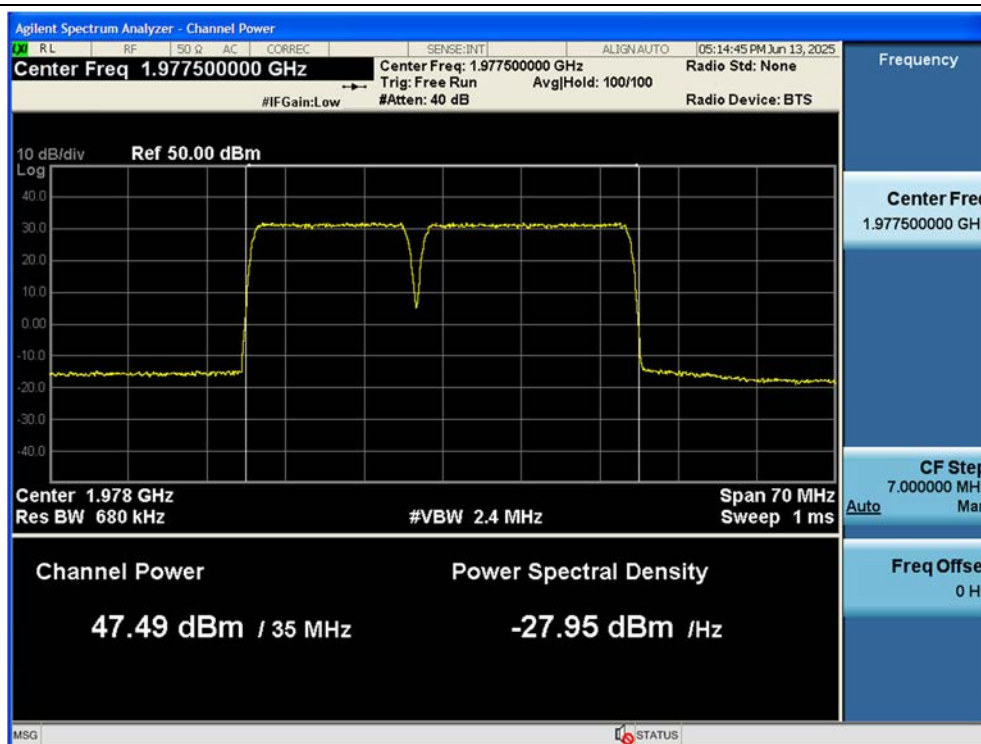
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier] / 64QAM / High / Non-Contiguous



Antenna 2 / (4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / 64QAM / Low / Non-Contiguous



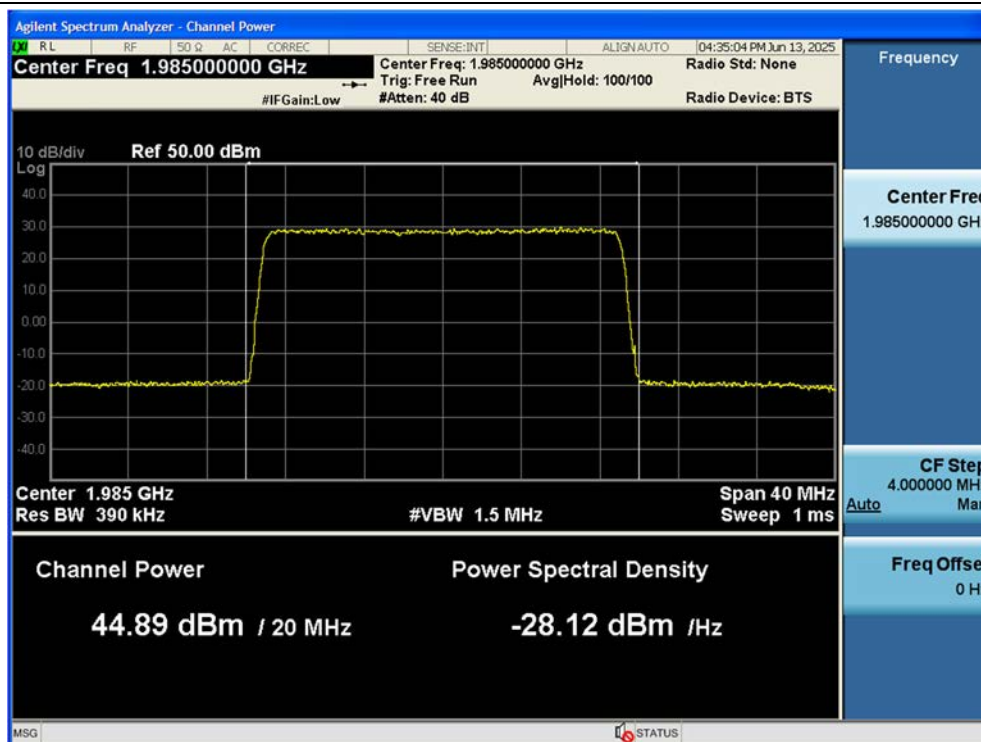
Antenna 2 / (4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / 64QAM / High / Non-Contiguous



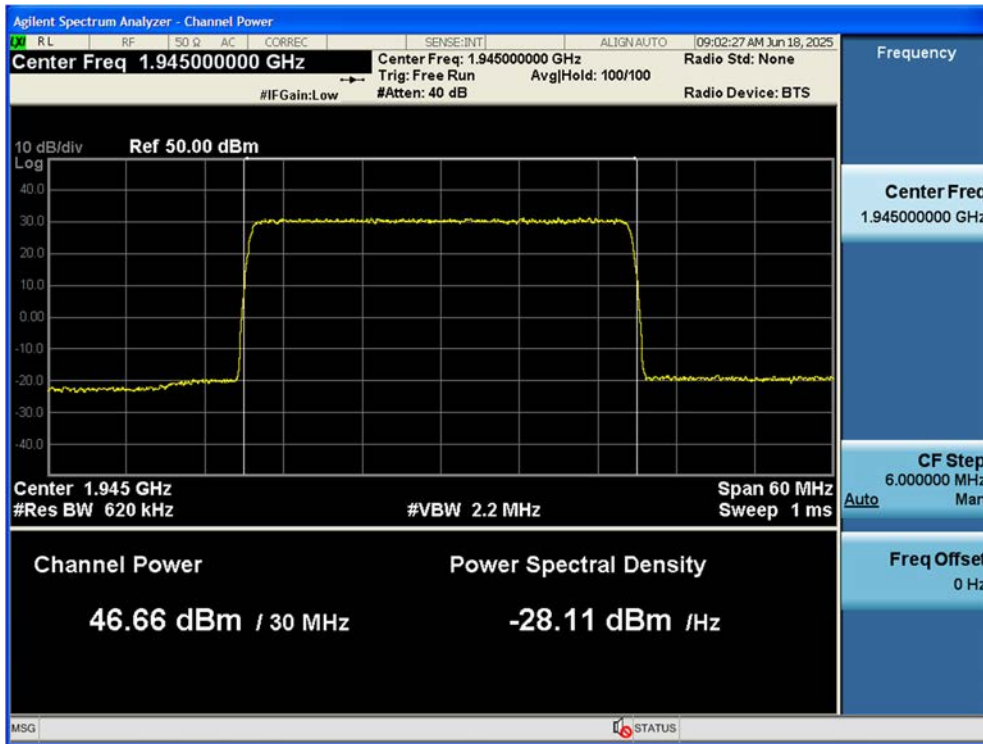
Antenna 0 / (4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / 64QAM / Low / Non-Contiguous



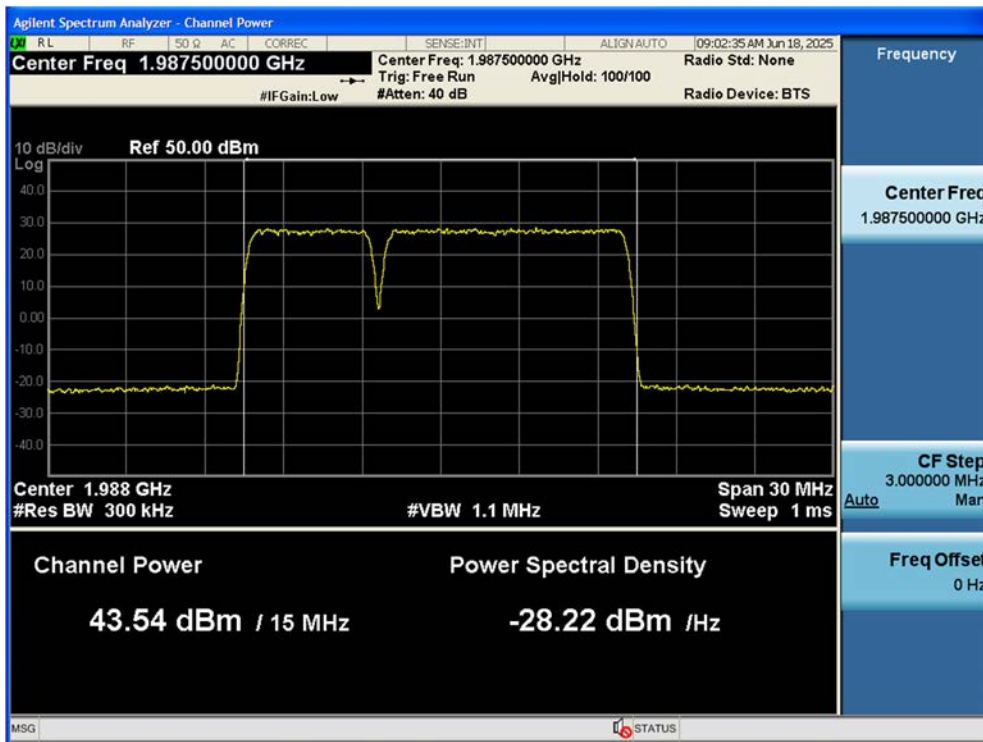
Antenna 0 / (4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / 64QAM / High / Non-Contiguous



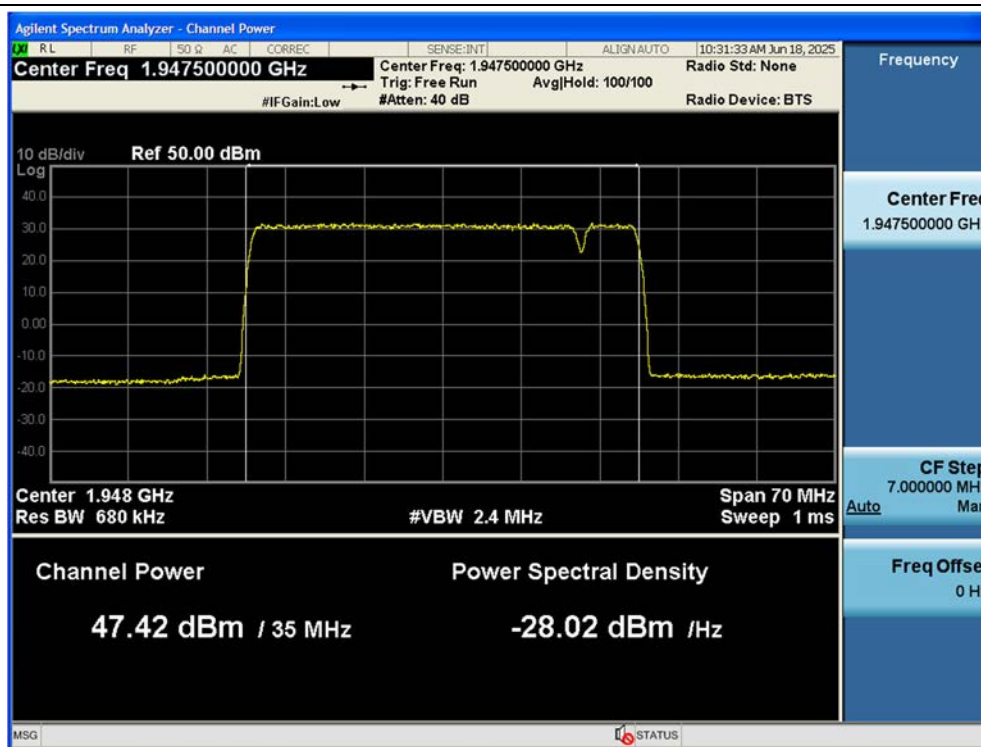
Antenna 0 / (4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (1C+2C) / 64QAM / Low / Non-Contiguous



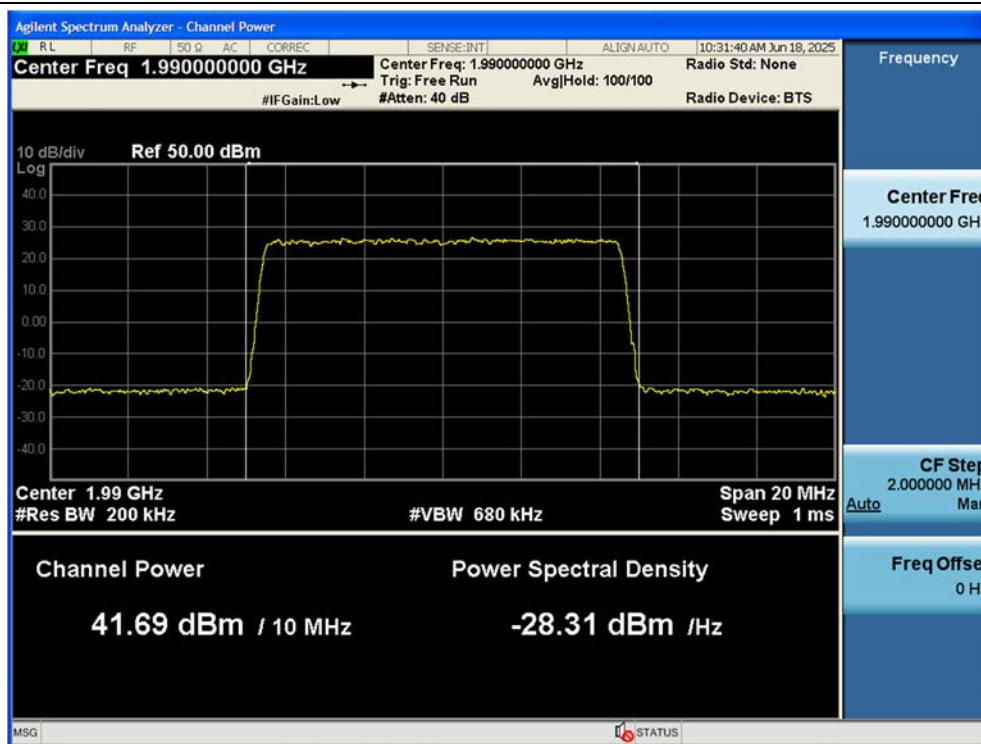
Antenna 0 / (4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (1C+2C) / 64QAM / High / Non-Contiguous



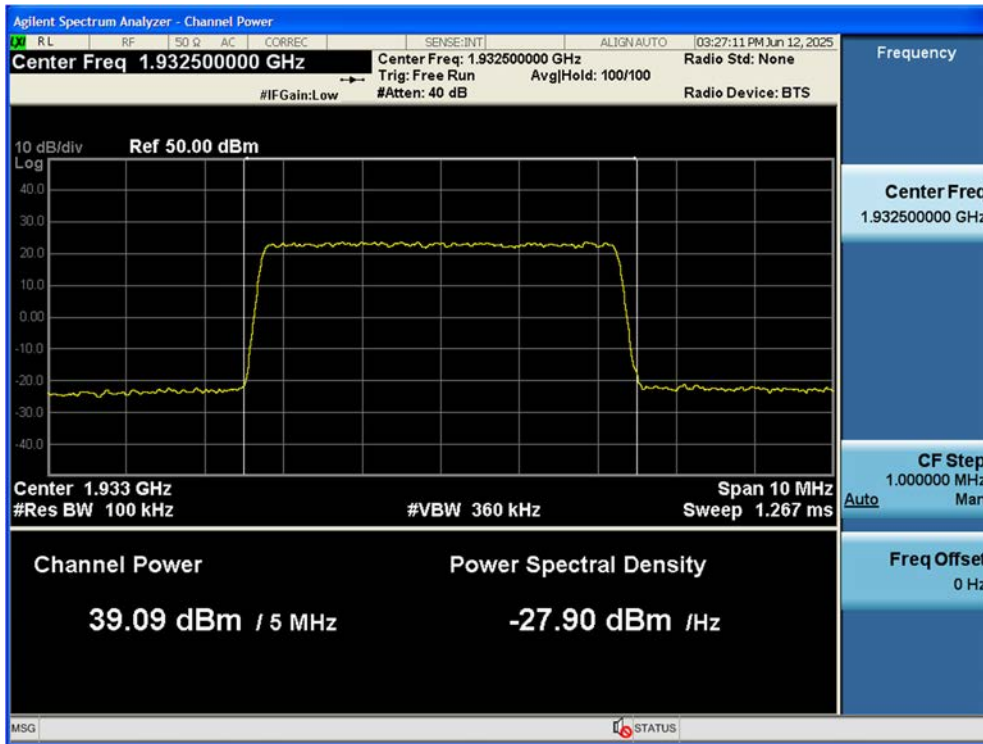
Antenna 2 / (4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (2C+1C) / 64QAM / Low / Non-Contiguous



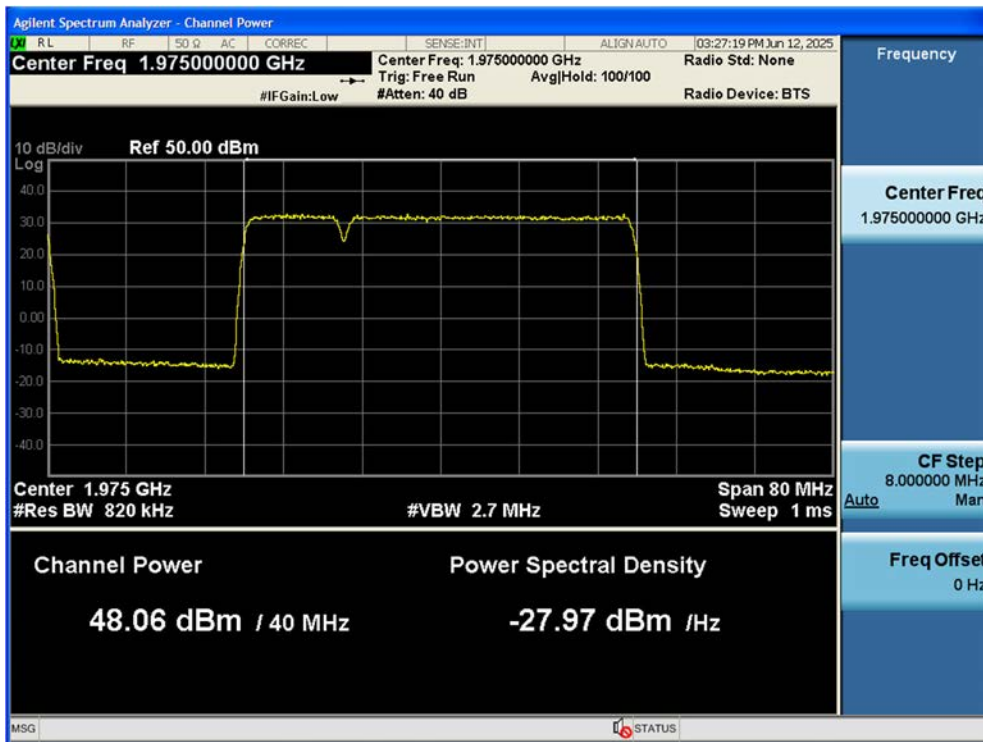
Antenna 2 / (4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (2C+1C) / 64QAM / High / Non-Contiguous



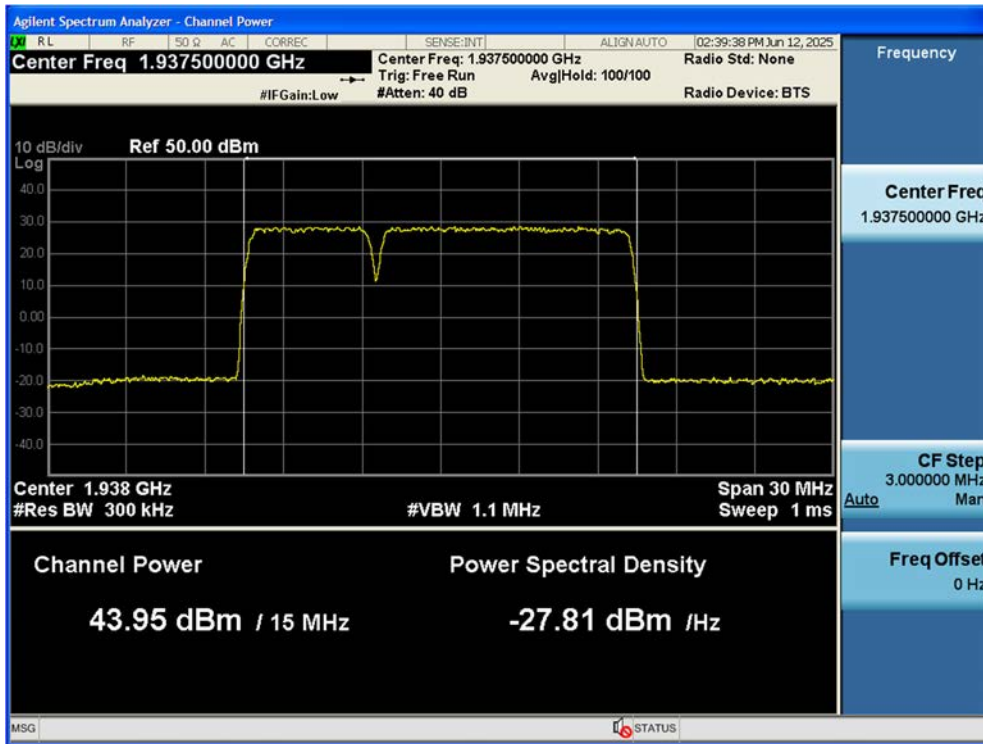
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (1C+2C) / 64QAM / Low / Non-Contiguous



Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (1C+2C) / 64QAM / High / Non-Contiguous



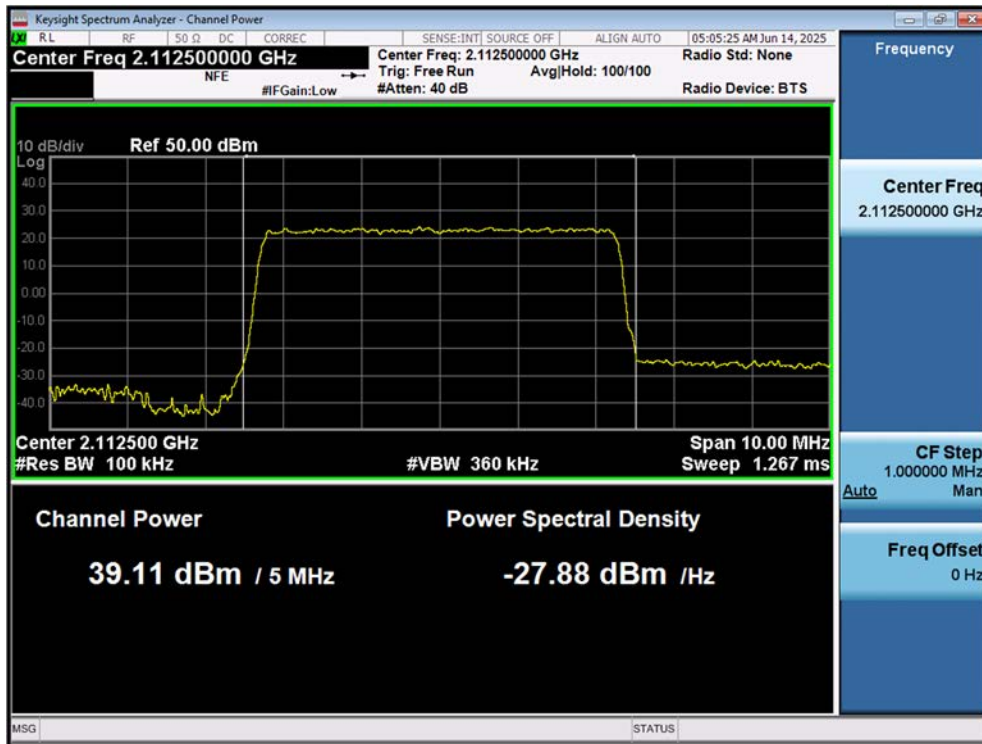
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (2C+1C) / 64QAM / Low / Non-Contiguous



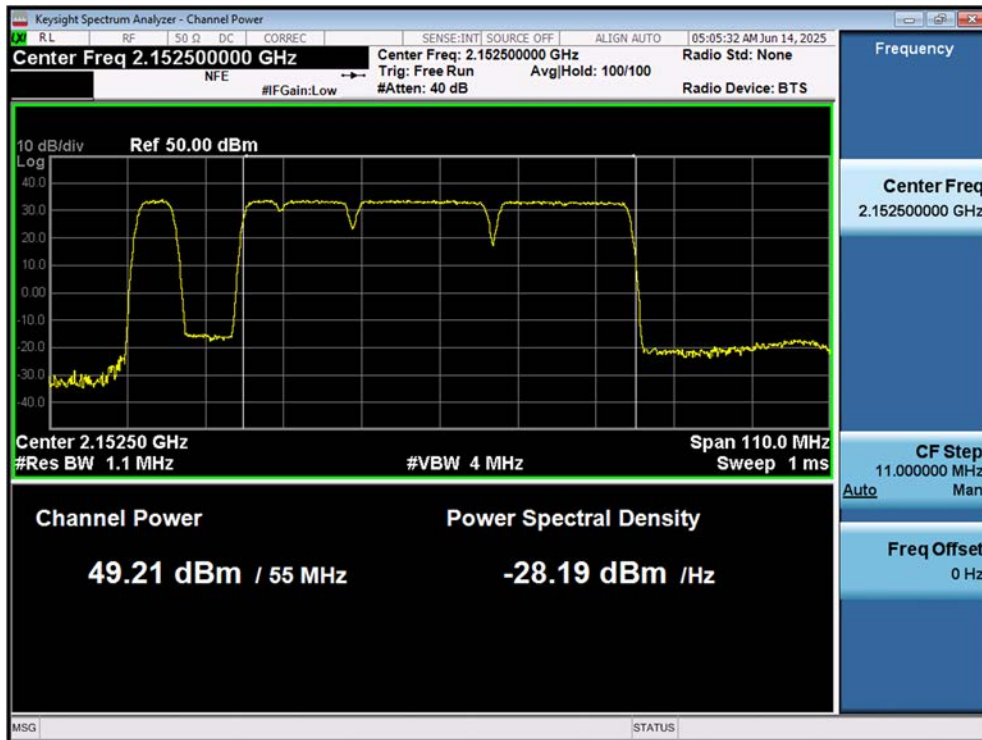
Antenna 2 / (4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (2C+1C) / 64QAM / High / Non-Contiguous



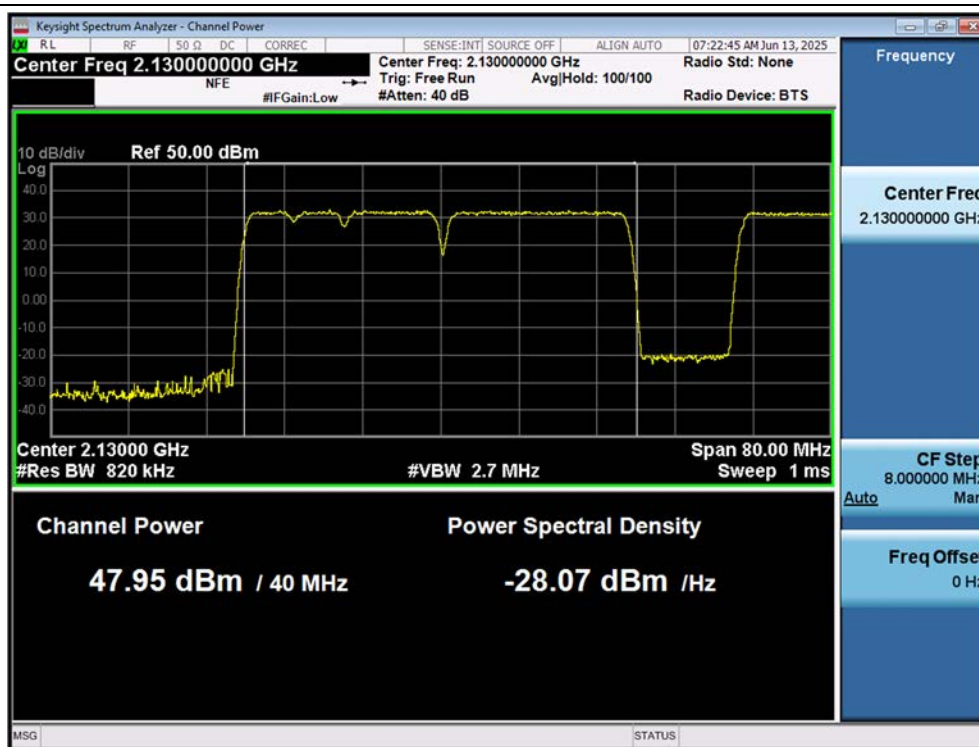
Antenna 0 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]
(1C+4C) / 64QAM / Low / Non-Contiguous



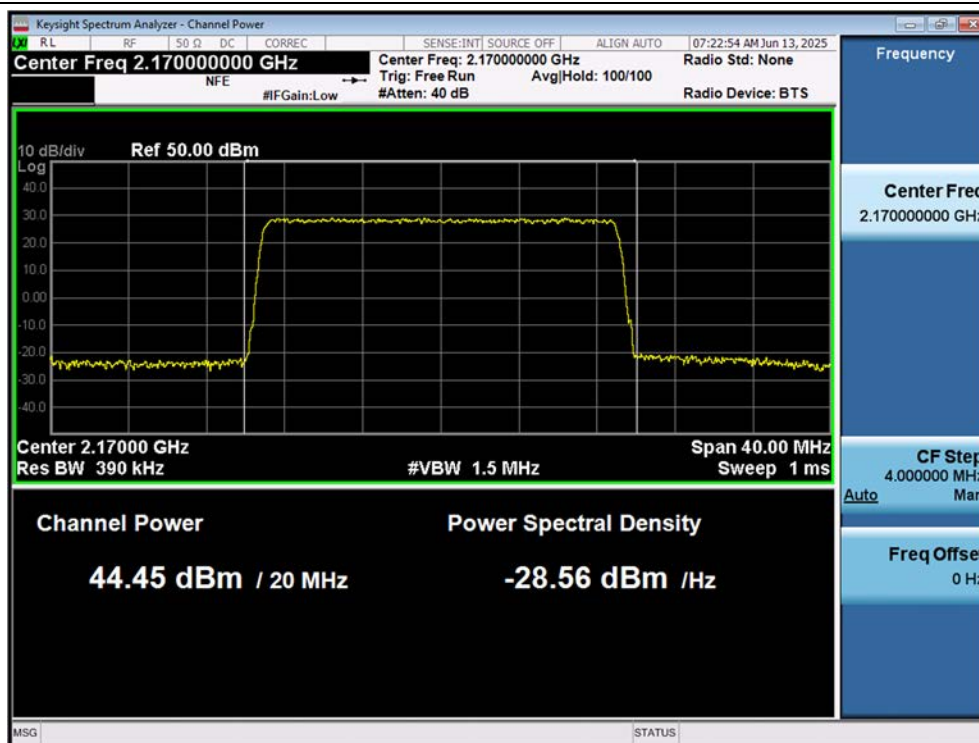
Antenna 0 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]
(1C+4C) / 64QAM / High / Non-Contiguous



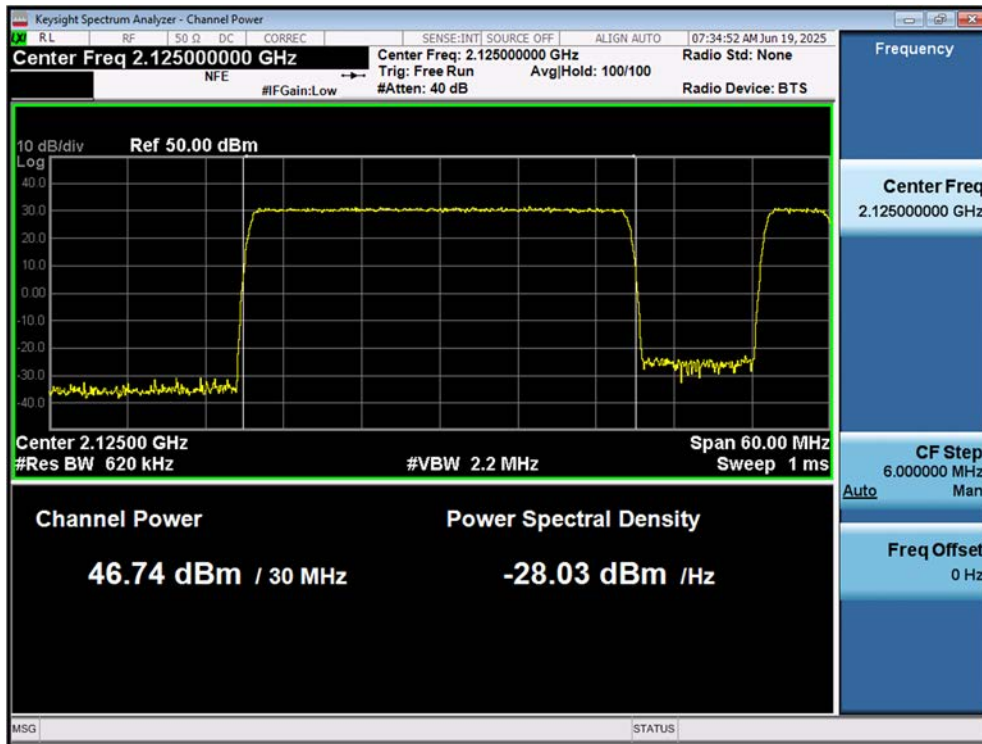
Antenna 3 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]
(4C+1C) / 64QAM / Low / Non-Contiguous



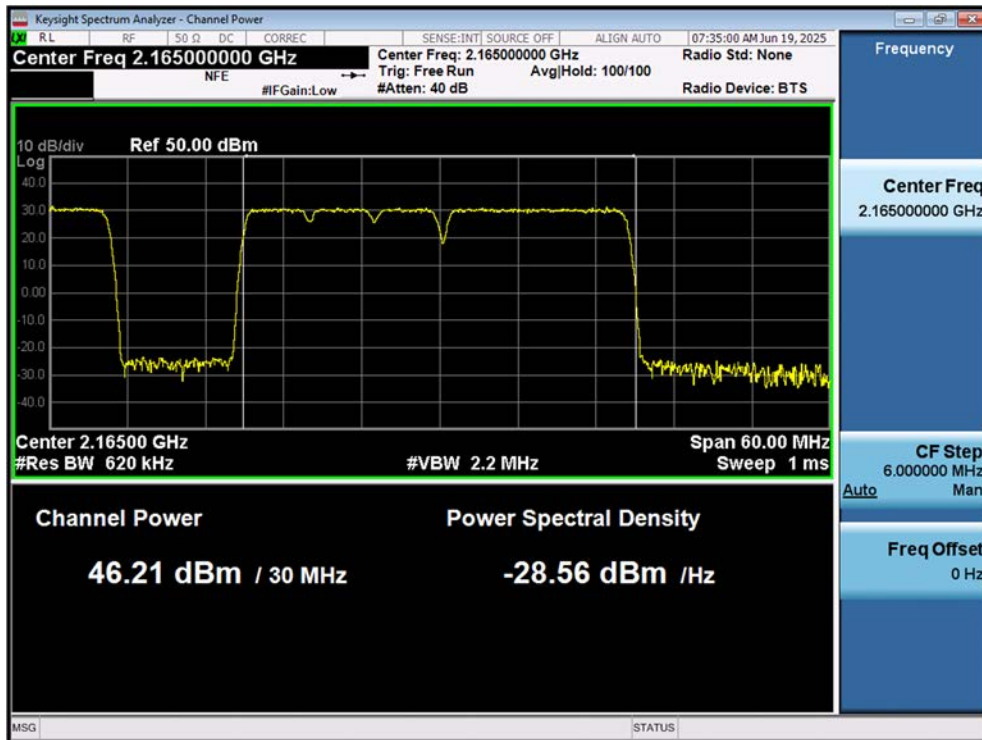
Antenna 3 / (4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]
(4C+1C) / 64QAM / High / Non-Contiguous



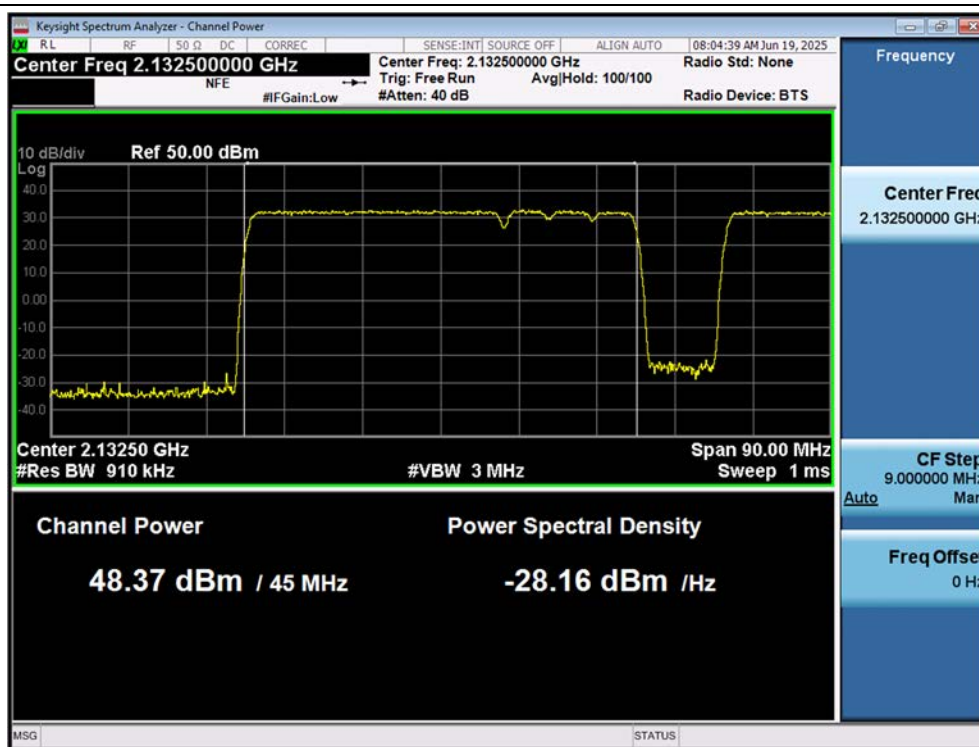
Antenna 3 / (4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (1C+4C) / 64QAM / Low / Non-Contiguous



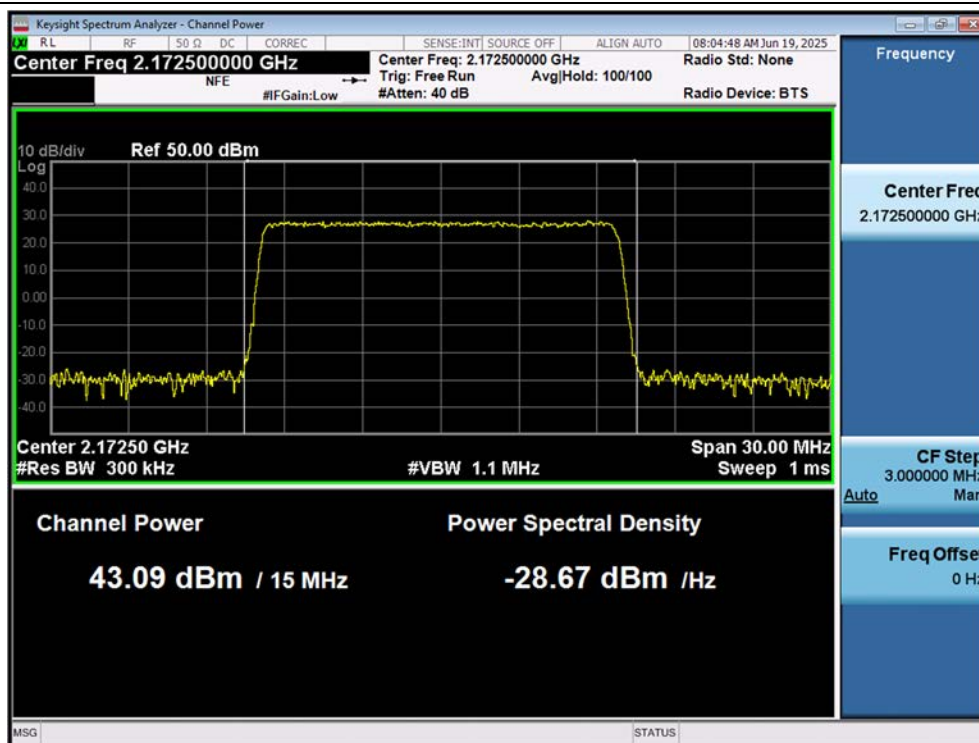
Antenna 3 / (4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (1C+4C) / 64QAM / High / Non-Contiguous



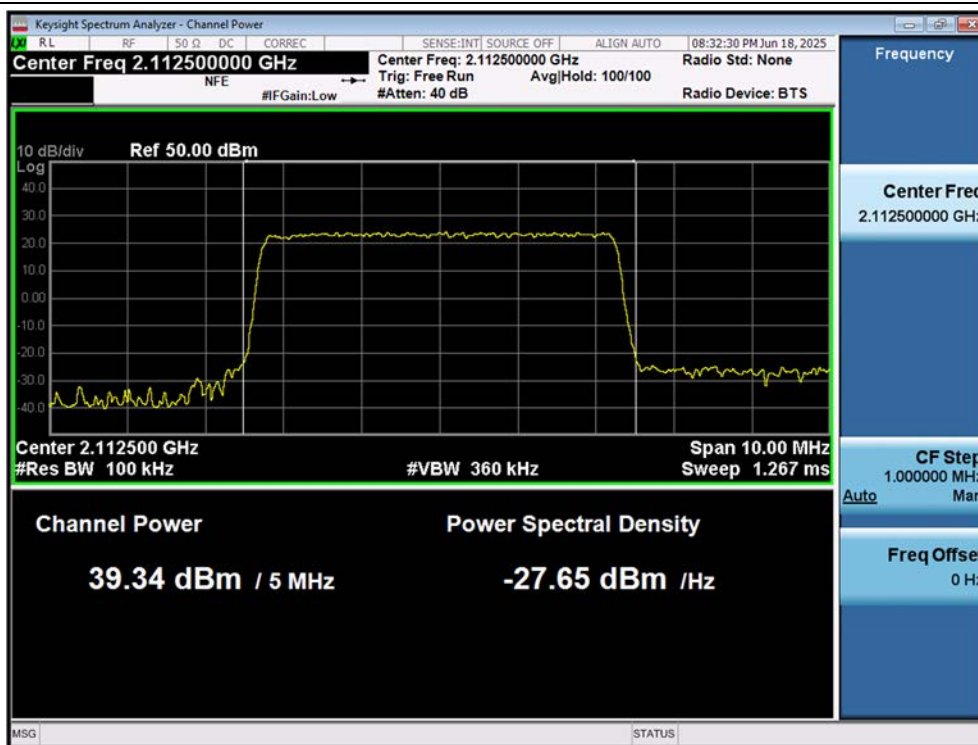
Antenna 3 / (4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (4C+1C) / 64QAM / Low / Non-Contiguous



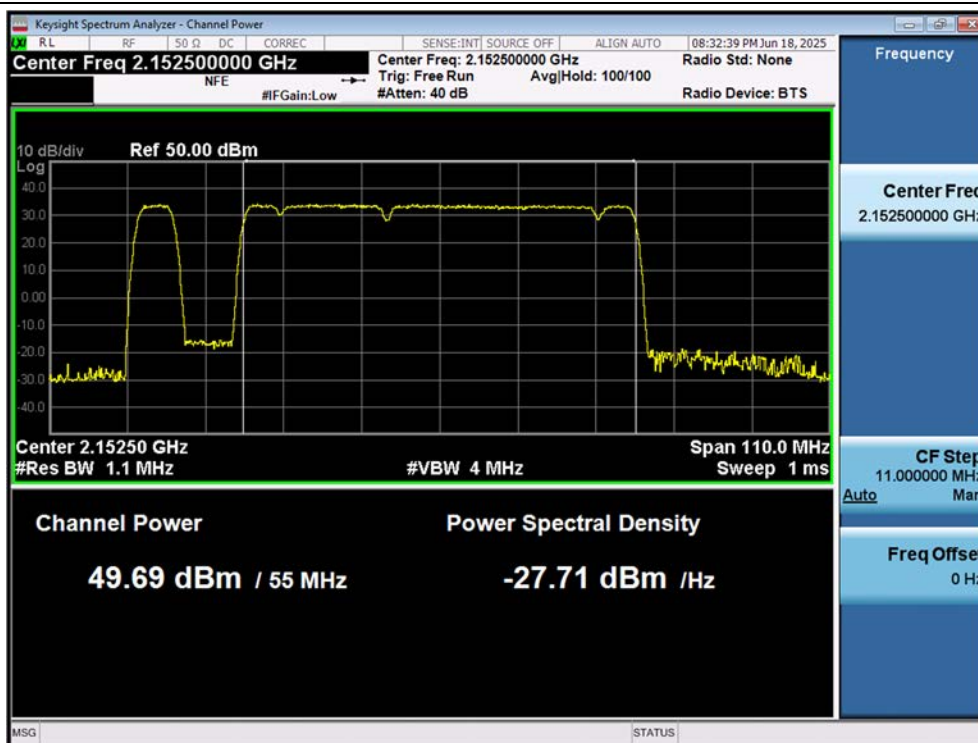
Antenna 3 / (4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (4C+1C) / 64QAM / High / Non-Contiguous



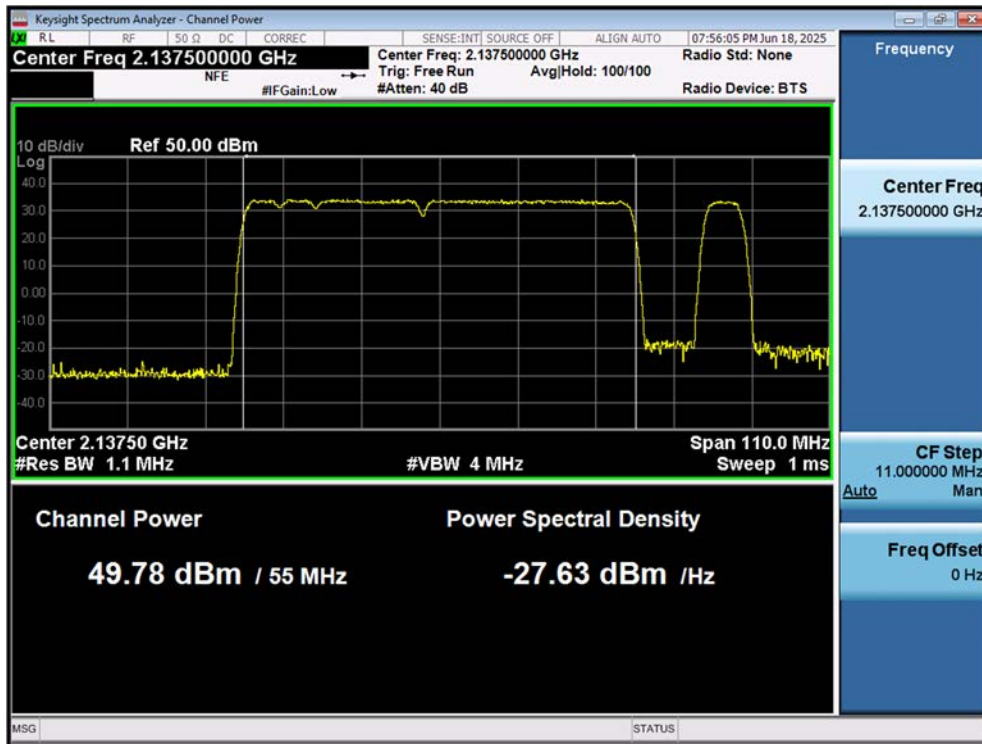
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (1C+4C) / 64QAM / Low / Non-Contiguous



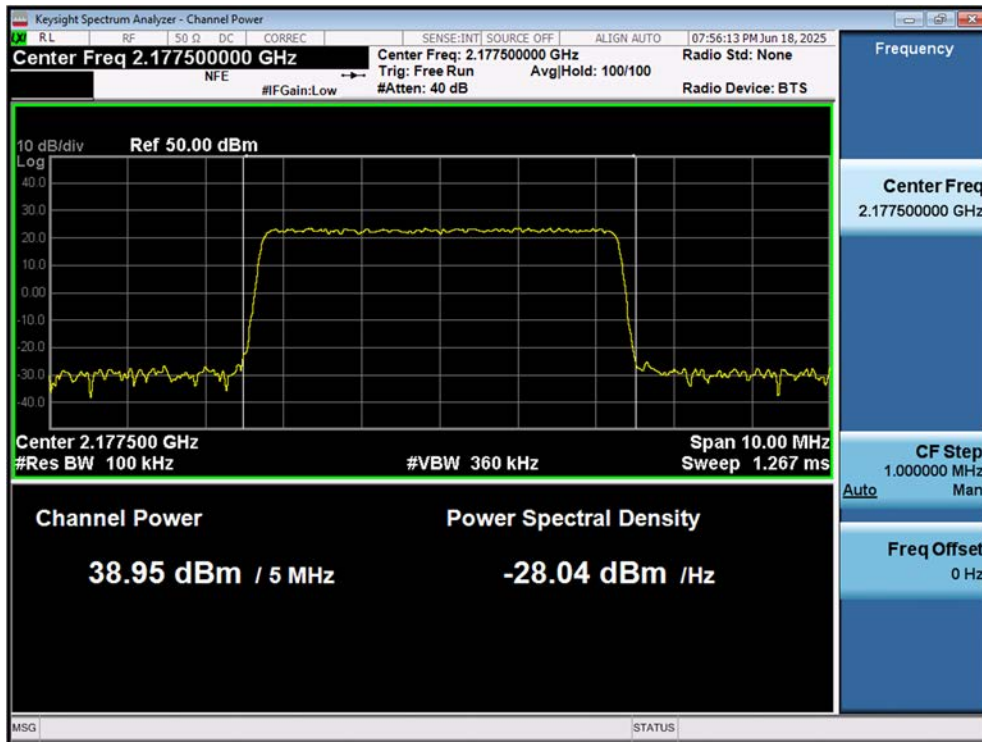
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (1C+4C) / 64QAM / High / Non-Contiguous



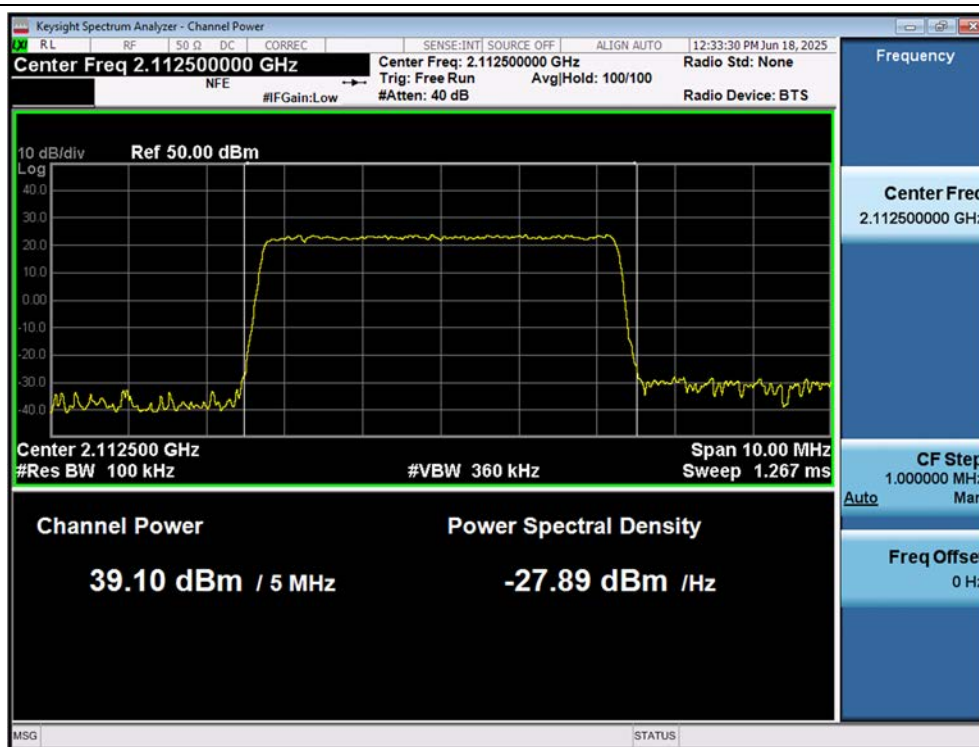
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (4C+1C) / 64QAM / Low / Non-Contiguous



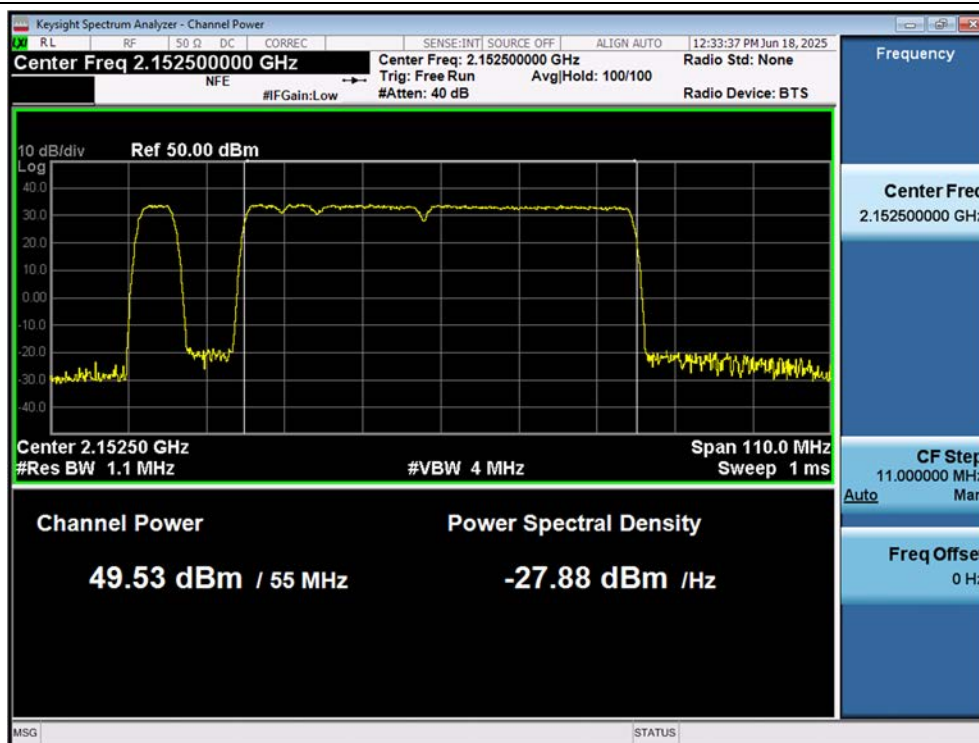
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (4C+1C) / 64QAM / High / Non-Contiguous



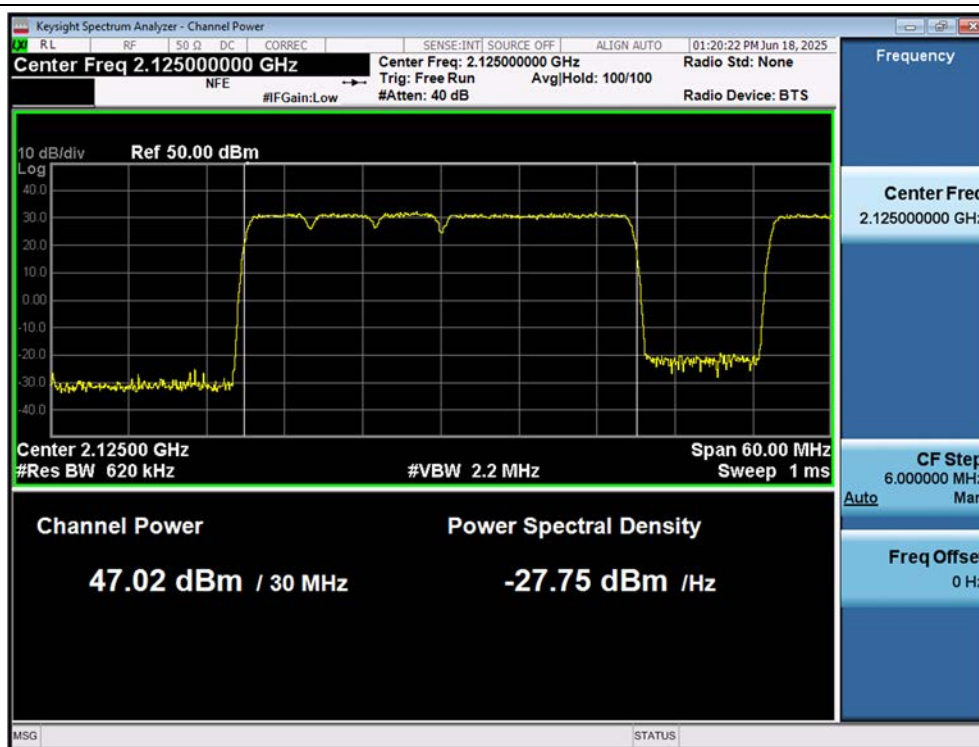
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier
[5 Carrier] (1C+4C) / 64QAM / Low / Non-Contiguous



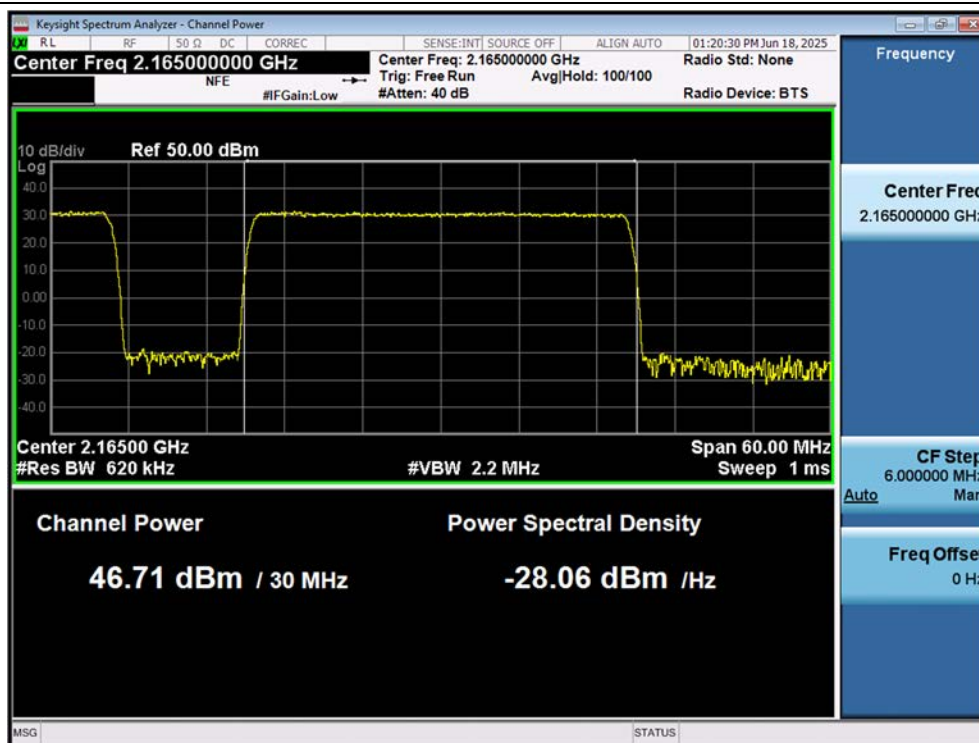
Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier
[5 Carrier] (1C+4C) / 64QAM / High / Non-Contiguous



Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier
[5 Carrier] (4C+1C) / 64QAM / Low / Non-Contiguous



Antenna 0 / (4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier
[5 Carrier] (4C+1C) / 64QAM / High / Non-Contiguous



Test Results:

Tabular Data of RF PSD

(4 Port) B25 LTE 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 932.50	39.84	9.63
		Middle	1 962.50	39.53	8.97
		High	1 992.50	39.69	9.32
1		Low	1 932.50	39.61	9.14
		Middle	1 962.50	39.62	9.16
		High	1 992.50	39.48	8.87
2		Low	1 932.50	39.63	9.18
		Middle	1 962.50	39.72	9.37
		High	1 992.50	40.15	10.36
3		Low	1 932.50	39.76	9.46
		Middle	1 962.50	39.57	9.07
		High	1 992.50	39.66	9.26

Sample Calculation: Sum of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	E.I.R.P.	Limit
	64QAM	
	W/MHz	
1 932.50	1109.26	1640
1 962.50	1084.25	
1 992.50	1120.70	

According to the test results, to comply with the EIRP limit of the applicable specification, it is recommended that the antenna gain be no more than 14.72 dBi. However, if a higher gain antenna is used, the output power should be reduced accordingly based on the test results.

(4 Port) B25 LTE 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 935.00	38.62	7.28
		Middle	1 962.50	38.66	7.34
		High	1 990.00	38.84	7.65
1		Low	1 935.00	38.65	7.33
		Middle	1 962.50	38.33	6.81
		High	1 990.00	38.55	7.16
2		Low	1 935.00	38.66	7.35
		Middle	1 962.50	38.66	7.34
		High	1 990.00	38.95	7.84
3		Low	1 935.00	38.67	7.36
		Middle	1 962.50	38.64	7.31
		High	1 990.00	38.66	7.35

(4 Port) B25 LTE 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 937.50	37.27	5.33
		Middle	1 962.50	36.83	4.82
		High	1 987.50	36.81	4.79
1		Low	1 937.50	37.20	5.25
		Middle	1 962.50	36.60	4.57
		High	1 987.50	36.83	4.82
2		Low	1 937.50	37.15	5.19
		Middle	1 962.50	37.09	5.12
		High	1 987.50	36.84	4.83
3		Low	1 937.50	36.86	4.85
		Middle	1 962.50	36.86	4.85
		High	1 987.50	36.94	4.95

(4 Port) B25 LTE 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 940.00	36.96	4.97
		Middle	1 962.50	36.89	4.89
		High	1 985.00	36.89	4.88
1		Low	1 940.00	36.87	4.86
		Middle	1 962.50	36.82	4.81
		High	1 985.00	36.61	4.59
2		Low	1 940.00	36.95	4.96
		Middle	1 962.50	37.17	5.21
		High	1 985.00	36.91	4.91
3		Low	1 940.00	36.99	4.99
		Middle	1 962.50	36.88	4.87
		High	1 985.00	36.94	4.95

(4 Port) n25 5G NR 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 932.50	39.90	9.77
		Middle	1 962.50	39.93	9.85
		High	1 992.50	39.74	9.42
1		Low	1 932.50	39.60	9.13
		Middle	1 962.50	39.42	8.76
		High	1 992.50	39.59	9.11
2		Low	1 932.50	39.76	9.46
		Middle	1 962.50	39.63	9.19
		High	1 992.50	40.07	10.16
3		Low	1 932.50	39.68	9.29
		Middle	1 962.50	39.81	9.57
		High	1 992.50	39.80	9.56

Sample Calculation: Sum of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	E.I.R.P.	Limit
	64QAM	
	W/MHz	
1 932.50	1116.28	1640
1 962.50	1107.73	
1 992.50	1133.85	

According to the test results, to comply with the EIRP limit of the applicable specification, it is recommended that the antenna gain be no more than 14.72 dBi. However, if a higher gain antenna is used, the output power should be reduced accordingly based on the test results.

(4 Port) n25 5G NR 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 935.00	38.90	7.76
		Middle	1 962.50	38.45	7.01
		High	1 990.00	38.66	7.34
1		Low	1 935.00	38.64	7.31
		Middle	1 962.50	38.43	6.97
		High	1 990.00	38.78	7.55
2		Low	1 935.00	38.87	7.70
		Middle	1 962.50	38.65	7.33
		High	1 990.00	38.92	7.79
3		Low	1 935.00	38.68	7.38
		Middle	1 962.50	38.60	7.25
		High	1 990.00	38.84	7.66

(4 Port) n25 5G NR 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 937.50	36.61	4.58
		Middle	1 962.50	36.67	4.65
		High	1 987.50	36.91	4.91
1		Low	1 937.50	36.74	4.72
		Middle	1 962.50	36.52	4.49
		High	1 987.50	36.63	4.60
2		Low	1 937.50	36.93	4.94
		Middle	1 962.50	37.17	5.21
		High	1 987.50	37.00	5.01
3		Low	1 937.50	37.06	5.08
		Middle	1 962.50	36.83	4.82
		High	1 987.50	36.90	4.90

(4 Port) n25 5G NR 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 940.00	36.54	4.51
		Middle	1 962.50	36.64	4.61
		High	1 985.00	36.74	4.72
1		Low	1 940.00	36.49	4.46
		Middle	1 962.50	36.39	4.35
		High	1 985.00	36.36	4.33
2		Low	1 940.00	36.96	4.96
		Middle	1 962.50	36.72	4.69
		High	1 985.00	36.85	4.84
3		Low	1 940.00	36.81	4.80
		Middle	1 962.50	36.71	4.69
		High	1 985.00	36.77	4.76

(4 Port) n25 5G NR 25 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 942.50	35.94	3.92
		Middle	1 962.50	35.67	3.69
		High	1 982.50	35.51	3.55
1		Low	1 942.50	35.27	3.36
		Middle	1 962.50	35.69	3.71
		High	1 982.50	35.33	3.41
2		Low	1 942.50	35.95	3.93
		Middle	1 962.50	35.68	3.69
		High	1 982.50	35.81	3.81
3		Low	1 942.50	35.66	3.69
		Middle	1 962.50	35.56	3.60
		High	1 982.50	35.65	3.67

(4 Port) n25 5G NR 30 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 945.00	35.07	3.21
		Middle	1 962.50	34.83	3.04
		High	1 980.00	34.78	3.01
1		Low	1 945.00	34.73	2.97
		Middle	1 962.50	34.79	3.01
		High	1 980.00	34.71	2.96
2		Low	1 945.00	34.96	3.13
		Middle	1 962.50	34.95	3.13
		High	1 980.00	35.09	3.23
3		Low	1 945.00	35.00	3.16
		Middle	1 962.50	34.75	2.98
		High	1 980.00	34.83	3.04

(4 Port) B66 LTE 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 112.50	39.95	9.88
		Middle	2 145.00	40.02	10.04
		High	2 177.50	40.05	10.11
1		Low	2 112.50	39.93	9.83
		Middle	2 145.00	39.99	9.98
		High	2 177.50	39.79	9.53
2		Low	2 112.50	39.56	9.04
		Middle	2 145.00	40.04	10.08
		High	2 177.50	40.14	10.32
3		Low	2 112.50	39.85	9.66
		Middle	2 145.00	40.03	10.06
		High	2 177.50	40.16	10.36

Sample Calculation: Sum of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	E.I.R.P.	Limit
	64QAM	
	W/MHz	
1 932.50	1138.62	1640
1 962.50	1190.83	
1 992.50	1195.79	

According to the test results, to comply with the EIRP limit of the applicable specification, it is recommended that the antenna gain be no more than 14.72 dBi. However, if a higher gain antenna is used, the output power should be reduced accordingly based on the test results.

(4 Port) B66 LTE 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 115.00	38.59	7.22
		Middle	2 145.00	38.70	7.41
		High	2 175.00	38.51	7.09
1		Low	2 115.00	38.53	7.14
		Middle	2 145.00	38.78	7.54
		High	2 175.00	38.49	7.07
2		Low	2 115.00	38.77	7.54
		Middle	2 145.00	38.58	7.21
		High	2 175.00	38.79	7.57
3		Low	2 115.00	38.65	7.32
		Middle	2 145.00	38.68	7.37
		High	2 175.00	38.67	7.35

(4 Port) B66 LTE 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Ant. Gain (dBi)	E.I.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	64QAM	Low	2 117.50	37.36	12.50	49.86	96.87	1640
		Middle	2 145.00	37.01	12.50	49.51	89.40	
		High	2 172.50	36.98	12.50	49.48	88.81	
1		Low	2 117.50	36.51	12.50	49.01	79.54	
		Middle	2 145.00	37.19	12.50	49.69	93.19	
		High	2 172.50	36.92	12.50	49.42	87.58	
2		Low	2 117.50	37.04	12.50	49.54	90.05	
		Middle	2 145.00	36.91	12.50	49.41	87.38	
		High	2 172.50	37.03	12.50	49.53	89.79	
3		Low	2 117.50	37.21	12.50	49.71	93.65	
		Middle	2 145.00	37.19	12.50	49.69	93.21	
		High	2 172.50	37.17	12.50	49.67	92.72	

(4 Port) B66 LTE 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Ant. Gain (dBi)	E.I.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	64QAM	Low	2 120.00	36.84	12.50	49.34	85.96	1640
		Middle	2 145.00	37.12	12.50	49.62	91.67	
		High	2 170.00	37.00	12.50	49.50	89.13	
1		Low	2 120.00	36.83	12.50	49.33	85.64	
		Middle	2 145.00	37.09	12.50	49.59	91.06	
		High	2 170.00	37.09	12.50	49.59	90.96	
2		Low	2 120.00	36.99	12.50	49.49	89.00	
		Middle	2 145.00	36.97	12.50	49.47	88.61	
		High	2 170.00	36.85	12.50	49.35	86.17	
3		Low	2 120.00	37.13	12.50	49.63	91.81	
		Middle	2 145.00	37.20	12.50	49.70	93.30	
		High	2 170.00	36.70	12.50	49.20	83.16	

(4 Port) n66 5G NR 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 112.50	39.99	9.99
		Middle	2 145.00	40.16	10.36
		High	2 177.50	40.12	10.27
1		Low	2 112.50	39.64	9.21
		Middle	2 145.00	39.90	9.77
		High	2 177.50	39.87	9.71
2		Low	2 112.50	39.52	8.95
		Middle	2 145.00	39.66	9.25
		High	2 177.50	39.76	9.47
3		Low	2 112.50	39.14	8.21
		Middle	2 145.00	39.49	8.90
		High	2 177.50	39.58	9.08

Sample Calculation: Sum of Port 0, Port 1, Port 2 and Port 3

Frequency (MHz)	E.I.R.P.	Limit
	64QAM	
	W/MHz	
1 932.50	1077.82	1640
1 962.50	1135.12	
1 992.50	1142.40	

According to the test results, to comply with the EIRP limit of the applicable specification, it is recommended that the antenna gain be no more than 14.72 dBi. However, if a higher gain antenna is used, the output power should be reduced accordingly based on the test results.

(4 Port) n66 5G NR 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 115.00	38.73	7.47
		Middle	2 145.00	39.01	7.97
		High	2 175.00	38.73	7.46
1		Low	2 115.00	38.43	6.96
		Middle	2 145.00	38.47	7.03
		High	2 175.00	38.42	6.95
2		Low	2 115.00	38.26	6.70
		Middle	2 145.00	38.24	6.67
		High	2 175.00	38.33	6.81
3		Low	2 115.00	38.54	7.14
		Middle	2 145.00	38.55	7.17
		High	2 175.00	38.84	7.65

(4 Port) n66 5G NR 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 117.50	37.40	5.49
		Middle	2 145.00	37.06	5.08
		High	2 172.50	37.23	5.28
1		Low	2 117.50	36.70	4.68
		Middle	2 145.00	36.54	4.51
		High	2 172.50	36.57	4.54
2		Low	2 117.50	36.61	4.58
		Middle	2 145.00	36.72	4.70
		High	2 172.50	36.44	4.41
3		Low	2 117.50	36.62	4.59
		Middle	2 145.00	36.64	4.61
		High	2 172.50	37.03	5.05

(4 Port) n66 5G NR 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 120.00	37.00	5.02
		Middle	2 145.00	37.14	5.18
		High	2 170.00	36.92	4.92
1		Low	2 120.00	36.58	4.55
		Middle	2 145.00	36.56	4.53
		High	2 170.00	36.70	4.68
2		Low	2 120.00	36.54	4.51
		Middle	2 145.00	36.46	4.42
		High	2 170.00	36.53	4.50
3		Low	2 120.00	36.44	4.41
		Middle	2 145.00	35.98	3.97
		High	2 170.00	36.16	4.13

(4 Port) n66 5G NR 25 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 122.50	36.76	4.74
		Middle	2 145.00	36.81	4.79
		High	2 167.50	36.91	4.91
1		Low	2 122.50	36.61	4.58
		Middle	2 145.00	36.67	4.64
		High	2 167.50	37.05	5.07
2		Low	2 122.50	36.56	4.53
		Middle	2 145.00	36.43	4.39
		High	2 167.50	36.36	4.32
3		Low	2 122.50	36.77	4.75
		Middle	2 145.00	36.81	4.80
		High	2 167.50	36.99	5.00

(4 Port) n66 5G NR 30 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 125.00	36.11	4.08
		Middle	2 145.00	35.98	3.96
		High	2 165.00	35.94	3.93
1		Low	2 125.00	35.91	3.90
		Middle	2 145.00	35.82	3.82
		High	2 165.00	36.03	4.00
2		Low	2 125.00	35.55	3.59
		Middle	2 145.00	35.59	3.62
		High	2 165.00	35.72	3.73
3		Low	2 125.00	35.99	3.97
		Middle	2 145.00	36.04	4.01
		High	2 165.00	36.03	4.01

Tabular Data of RF Contiguous PSD

(4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 935.00	38.77	7.53
		Middle	1 962.50	38.57	7.19
		High	1 990.00	38.64	7.32
1		Low	1 935.00	38.61	7.26
		Middle	1 962.50	38.23	6.65
		High	1 990.00	38.50	7.08
2		Low	1 935.00	38.60	7.24
		Middle	1 962.50	38.64	7.32
		High	1 990.00	38.87	7.71
3		Low	1 935.00	38.62	7.27
		Middle	1 962.50	38.47	7.02
		High	1 990.00	38.72	7.45

(4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 935.00	38.89	7.74
		Middle	1 962.50	38.78	7.56
		High	1 990.00	38.59	7.22
1		Low	1 935.00	38.43	6.96
		Middle	1 962.50	38.39	6.91
		High	1 990.00	38.58	7.21
2		Low	1 935.00	38.71	7.44
		Middle	1 962.50	38.90	7.76
		High	1 990.00	38.59	7.23
3		Low	1 935.00	38.71	7.43
		Middle	1 962.50	38.57	7.19
		High	1 990.00	38.51	7.10

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 935.00	38.72	7.45
		Middle	1 962.50	38.59	7.22
		High	1 990.00	38.54	7.15
1		Low	1 935.00	38.46	7.02
		Middle	1 962.50	38.47	7.03
		High	1 990.00	38.46	7.01
2		Low	1 935.00	39.04	8.02
		Middle	1 962.50	38.74	7.48
		High	1 990.00	38.72	7.44
3		Low	1 935.00	38.77	7.54
		Middle	1 962.50	38.52	7.12
		High	1 990.00	38.63	7.29

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 115.00	38.87	7.71
		Middle	2 145.00	38.91	7.78
		High	2 175.00	38.70	7.42
1		Low	2 115.00	38.66	7.35
		Middle	2 145.00	38.79	7.56
		High	2 175.00	38.53	7.12
2		Low	2 115.00	38.50	7.08
		Middle	2 145.00	38.82	7.62
		High	2 175.00	38.65	7.33
3		Low	2 115.00	38.78	7.55
		Middle	2 145.00	38.83	7.63
		High	2 175.00	38.71	7.43

(4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 115.00	39.11	8.15
		Middle	2 145.00	38.73	7.46
		High	2 175.00	38.94	7.83
1		Low	2 115.00	38.58	7.21
		Middle	2 145.00	38.69	7.39
		High	2 175.00	38.60	7.24
2		Low	2 115.00	38.34	6.83
		Middle	2 145.00	38.21	6.62
		High	2 175.00	38.74	7.48
3		Low	2 115.00	38.81	7.61
		Middle	2 145.00	39.06	8.06
		High	2 175.00	38.66	7.35

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 115.00	38.93	7.81
		Middle	2 145.00	39.10	8.13
		High	2 175.00	39.33	8.56
1		Low	2 115.00	38.91	7.78
		Middle	2 145.00	38.85	7.67
		High	2 175.00	38.91	7.79
2		Low	2 115.00	38.59	7.23
		Middle	2 145.00	38.70	7.41
		High	2 175.00	38.60	7.25
3		Low	2 115.00	38.96	7.88
		Middle	2 145.00	38.69	7.40
		High	2 175.00	38.82	7.62

(4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 952.50	33.29	2.13
		Middle	1 962.50	33.54	2.26
		High	1 972.50	33.33	2.15
1		Low	1 952.50	33.13	2.06
		Middle	1 962.50	33.35	2.16
		High	1 972.50	33.17	2.08
2		Low	1 952.50	33.66	2.32
		Middle	1 962.50	33.84	2.42
		High	1 972.50	33.50	2.24
3		Low	1 952.50	33.43	2.20
		Middle	1 962.50	33.61	2.30
		High	1 972.50	33.50	2.24

(4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 952.50	33.30	2.14
		Middle	1 962.50	33.25	2.11
		High	1 972.50	33.32	2.15
1		Low	1 952.50	33.24	2.11
		Middle	1 962.50	33.07	2.03
		High	1 972.50	32.99	1.99
2		Low	1 952.50	33.54	2.26
		Middle	1 962.50	33.52	2.25
		High	1 972.50	33.26	2.12
3		Low	1 952.50	33.22	2.10
		Middle	1 962.50	33.21	2.10
		High	1 972.50	33.08	2.03

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	1 952.50	33.05	2.02
		Middle	1 962.50	33.38	2.18
		High	1 972.50	33.11	2.04
1		Low	1 952.50	32.85	1.93
		Middle	1 962.50	33.33	2.15
		High	1 972.50	33.08	2.03
2		Low	1 952.50	33.25	2.11
		Middle	1 962.50	33.37	2.17
		High	1 972.50	33.38	2.18
3		Low	1 952.50	33.25	2.11
		Middle	1 962.50	33.26	2.12
		High	1 972.50	33.38	2.18

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]

200 LFE 20 MHz 1 Carrier [5 Carrier]					
Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 140.00	33.49	2.23
		Middle	2 145.00	33.49	2.24
		High	2 150.00	33.52	2.25
1		Low	2 140.00	33.34	2.16
		Middle	2 145.00	33.55	2.26
		High	2 150.00	33.39	2.18
2		Low	2 140.00	33.11	2.05
		Middle	2 145.00	33.20	2.09
		High	2 150.00	33.09	2.04
3		Low	2 140.00	33.53	2.26
		Middle	2 145.00	33.89	2.45
		High	2 150.00	33.48	2.23

(4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 140.00	33.15	2.06
		Middle	2 145.00	33.09	2.04
		High	2 150.00	33.06	2.02
1		Low	2 140.00	32.79	1.90
		Middle	2 145.00	32.93	1.96
		High	2 150.00	32.77	1.89
2		Low	2 140.00	33.05	2.02
		Middle	2 145.00	32.71	1.87
		High	2 150.00	32.96	1.98
3		Low	2 140.00	33.34	2.16
		Middle	2 145.00	33.18	2.08
		High	2 150.00	33.28	2.13

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 140.00	33.60	2.29
		Middle	2 145.00	33.71	2.35
		High	2 150.00	33.86	2.43
1		Low	2 140.00	33.09	2.04
		Middle	2 145.00	33.09	2.04
		High	2 150.00	33.17	2.08
2		Low	2 140.00	32.87	1.94
		Middle	2 145.00	33.03	2.01
		High	2 150.00	33.21	2.09
3		Low	2 140.00	33.53	2.25
		Middle	2 145.00	33.64	2.31
		High	2 150.00	33.69	2.34

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier [5 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	Low	2 140.00	33.65	2.32
		Middle	2 145.00	33.25	2.11
		High	2 150.00	33.58	2.28
1		Low	2 140.00	32.89	1.95
		Middle	2 145.00	33.26	2.12
		High	2 150.00	33.30	2.14
2		Low	2 140.00	33.16	2.07
		Middle	2 145.00	32.97	1.98
		High	2 150.00	33.15	2.06
3		Low	2 140.00	33.41	2.19
		Middle	2 145.00	33.61	2.30
		High	2 150.00	33.39	2.19

Tabular Data of RF Non-Contiguous PSD

(4 Port) B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 932.50 + 1 992.50	38.74	7.47
1	64QAM	1 932.50 + 1 992.50	38.61	7.26
2	64QAM	1 932.50 + 1 992.50	38.93	7.82
3	64QAM	1 932.50 + 1 992.50	38.59	7.22

(4 Port) n25 5G NR 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	0 0.00 + 0 0.00	39.07	8.08
1	64QAM	0 0.00 + 0 0.00	38.73	7.47
2	64QAM	0 0.00 + 0 0.00	38.71	7.43
3	64QAM	0 0.00 + 0 0.00	38.69	7.40

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	0 0.00 + 0 0.00	38.74	7.49
1	64QAM	0 0.00 + 0 0.00	38.56	7.18
2	64QAM	0 0.00 + 0 0.00	38.81	7.60
3	64QAM	0 0.00 + 0 0.00	38.64	7.32

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 112.50 + 2 177.50	39.04	8.01
1	64QAM	2 112.50 + 2 177.50	38.84	7.66
2	64QAM	2 112.50 + 2 177.50	39.24	8.40
3	64QAM	2 112.50 + 2 177.50	39.12	8.16

(4 Port) n66 5G NR 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 112.50 + 2 177.50	39.14	8.21
1	64QAM	2 112.50 + 2 177.50	38.94	7.83
2	64QAM	2 112.50 + 2 177.50	38.83	7.64
3	64QAM	2 112.50 + 2 177.50	39.12	8.17

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 112.50 + 2 177.50	38.97	7.89
1	64QAM	2 112.50 + 2 177.50	39.12	8.17
2	64QAM	2 112.50 + 2 177.50	38.91	7.78
3	64QAM	2 112.50 + 2 177.50	38.95	7.85

(4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 935.00 + 1 977.50	33.53	2.25
1	64QAM	1 935.00 + 1 977.50	33.42	2.20
2	64QAM	1 935.00 + 1 977.50	33.79	2.39
3	64QAM	1 935.00 + 1 977.50	33.56	2.27

(4 Port) B25 LTE 10 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 942.50 + 1 985.00	33.54	2.26
1	64QAM	1 942.50 + 1 985.00	33.39	2.18
2	64QAM	1 942.50 + 1 985.00	33.65	2.32
3	64QAM	1 942.50 + 1 985.00	33.75	2.37

(4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 945.00 + 1 987.50	33.30	2.14
1	64QAM	1 945.00 + 1 987.50	33.23	2.11
2	64QAM	1 945.00 + 1 987.50	33.43	2.20
3	64QAM	1 945.00 + 1 987.50	33.42	2.20

(4 Port) n25 5G NR 30 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 10 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 947.50 + 1 990.00	33.24	2.11
1	64QAM	1 947.50 + 1 990.00	33.25	2.11
2	64QAM	1 947.50 + 1 990.00	33.51	2.24
3	64QAM	1 947.50 + 1 990.00	33.33	2.15

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 932.50 + 1 975.00	33.25	2.11
1	64QAM	1 932.50 + 1 975.00	33.20	2.09
2	64QAM	1 932.50 + 1 975.00	33.69	2.34
3	64QAM	1 932.50 + 1 975.00	33.37	2.17

(4 Port) n25 5G NR 5 MHz 1 Carrier + n25 5G NR 10 MHz 1 Carrier + n25 5G NR 30 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	1 937.50 + 1 980.00	33.35	2.16
1	64QAM	1 937.50 + 1 980.00	33.26	2.12
2	64QAM	1 937.50 + 1 980.00	33.61	2.29
3	64QAM	1 937.50 + 1 980.00	33.95	2.48

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 112.50 + 2 152.50	33.81	2.40
1	64QAM	2 112.50 + 2 152.50	33.31	2.14
2	64QAM	2 112.50 + 2 152.50	33.45	2.21
3	64QAM	2 112.50 + 2 152.50	33.78	2.39

(4 Port) B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 130.00 + 2 170.00	33.42	2.20
1	64QAM	2 130.00 + 2 170.00	33.31	2.14
2	64QAM	2 130.00 + 2 170.00	32.90	1.95
3	64QAM	2 130.00 + 2 170.00	33.39	2.18

(4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Ant. Gain (dBi)	E.I.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	64QAM	2 125.00 + 2 165.00	33.18	12.50	45.68	36.97	1640
1	64QAM	2 125.00 + 2 165.00	33.06	12.50	45.56	35.96	
2	64QAM	2 125.00 + 2 165.00	33.15	12.50	45.65	36.69	
3	64QAM	2 125.00 + 2 165.00	33.20	12.50	45.70	37.12	

(4 Port) n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Ant. Gain (dBi)	E.I.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	64QAM	2 132.50 + 2 172.50	33.21	12.50	45.71	37.27	1640
1	64QAM	2 132.50 + 2 172.50	33.04	12.50	45.54	35.83	
2	64QAM	2 132.50 + 2 172.50	33.04	12.50	45.54	35.79	
3	64QAM	2 132.50 + 2 172.50	33.24	12.50	45.74	37.50	

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 112.50 + 2 152.50	33.85	2.42
1	64QAM	2 112.50 + 2 152.50	33.69	2.34
2	64QAM	2 112.50 + 2 152.50	33.18	2.08
3	64QAM	2 112.50 + 2 152.50	34.01	2.52

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Calculated (W/MHz)
0	64QAM	2 137.50 + 2 177.50	34.03	2.53
1	64QAM	2 137.50 + 2 177.50	33.43	2.20
2	64QAM	2 137.50 + 2 177.50	32.98	1.99
3	64QAM	2 137.50 + 2 177.50	33.65	2.32

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier [5 Carrier] (1C+4C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Ant. Gain (dBi)	E.I.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	64QAM	2 112.50 + 2 152.50	33.64	12.50	46.14	41.10	1640
1	64QAM	2 112.50 + 2 152.50	33.29	12.50	45.79	37.92	
2	64QAM	2 112.50 + 2 152.50	33.27	12.50	45.77	37.74	
3	64QAM	2 112.50 + 2 152.50	33.37	12.50	45.87	38.64	

(4 Port) n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 5 MHz 1 Carrier + n66 5G NR 15 MHz 1 Carrier + n66 5G NR 30 MHz 1 Carrier [5 Carrier] (4C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Ant. Gain (dBi)	E.I.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	64QAM	2 125.00 + 2 165.00	33.88	12.50	46.38	43.46	1640
1	64QAM	2 125.00 + 2 165.00	33.27	12.50	45.77	37.73	
2	64QAM	2 125.00 + 2 165.00	32.94	12.50	45.44	34.97	
3	64QAM	2 125.00 + 2 165.00	33.84	12.50	46.34	43.04	

Plot Data of PSD

Antenna 2 / (4 Port) B25 LTE 5 MHz 1 Carrier / 64QAM / High



Antenna 2 / (4 Port) B25 LTE 10 MHz 1 Carrier / 64QAM / High

