

# TEST REPORT

FCC Test for RF4439d-25A  
Class II Permissive Change

**APPLICANT**  
SAMSUNG Electronics Co., Ltd.

**REPORT NO.**  
HCT-RF-2301-FC060

**DATE OF ISSUE**  
January 18, 2023

**Tested by**  
Kyung Soo Kang



**Technical Manager**  
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**TEST  
REPORT**  
FCC Test for  
RF4439d-25A

**REPORT NO.**  
HCT-RF-2301-FC060

**DATE OF ISSUE**  
January 18, 2023

**Additional Model**  
-

<b>Applicant</b>	<b>SAMSUNG Electronics Co., Ltd.</b> 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
<b>EUT Type</b>	RRU(RF4439d)
<b>Model Name</b>	RF4439d-25A
<b>FCC ID</b>	A3LRF4439D-25A
<b>Date of Test</b>	November 30, 2022~ January 17, 2023
<b>FCC Rule Parts:</b>	CFR 47 Part 2, Part 24, Part 27

The result shown in this test report refer only to the sample(s) tested unless otherwise stated.  
This test results were applied only to the test methods required by the standard.

## REVISION HISTORY

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

Revision No.	Date of Issue	Description
0	January 18, 2023	Initial Release

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.

If this report is required to confirmation of authenticity, please contact to [www.hct.co.kr](http://www.hct.co.kr)

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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(RF4439d)			
EUT Serial Number	S618528040			
Power Supply	-48 VDC			
Output Power	Band	Carrier	Bandwidth	Power
	(2 Port) DSS B2 + DSS B2	2	10 MHz + 10 MHz	60 W/path, Total: 120 W
	(2 Port) LTE B2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 10 MHz	60 W/path, Total: 120 W
	(2 Port) LTE B2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 20 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2	3	5 MHz + 5 MHz + 5 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2	3	5 MHz + 5 MHz + 20 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 10 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 20 MHz	60 W/path, Total: 120 W
	(2 Port) DSS B2 + DSS B2 + DSS B2	3	10 MHz + 10 MHz + 10 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66	3	5 MHz + 5 MHz + 5 MHz	80 W/path, Total: 160 W
	(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66	3	10 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
	(2 Port) 5G NR n66 + 5G NR n66 + DSS B66	3	5 MHz + 5 MHz + 10 MHz	80 W/path, Total: 160 W
	(2 Port) DSS B66 + 5G NR n66 + 5G NR n66	3	10 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
	(2 Port) DSS B66 + DSS B66 + DSS B66	3	10 MHz + 10 MHz + 10 MHz	80 W/path, Total: 160 W
	(2 Port) DSS B66 + DSS B66 + DSS B66	3	10 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
	(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66	4	5 MHz + 5 MHz + 5 MHz + 5 MHz	80 W/path, Total: 160 W
	(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66	4	5 MHz + 5 MHz + 5 MHz + 10 MHz	80 W/path, Total: 160 W	

(2 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66	4	5 MHz + 5 MHz + 10 MHz + 10 MHz	80 W/path, Total: 160 W
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
(4 Port) DSS B2 + DSS B2	2	10 MHz + 10 MHz	40 W/path, Total: 160 W
(4 Port) LTE B2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 10 MHz	40 W/path, Total: 160 W
(4 Port) LTE B2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 20 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2	3	5 MHz + 5 MHz + 5 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2	3	5 MHz + 5 MHz + 20 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 10 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2	3	5 MHz + 5 MHz + 20 MHz	40 W/path, Total: 160 W
(4 Port) DSS B2 + DSS B2 + DSS B2	3	10 MHz + 10 MHz + 10 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66	3	5 MHz + 5 MHz + 5 MHz	60 W/path, Total: 240 W
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66	3	10 MHz + 10 MHz + 20 MHz	60 W/path, Total: 240 W
(4 Port) 5G NR n66 + 5G NR n66 + DSS B66	3	5 MHz + 5 MHz + 10 MHz	60 W/path, Total: 240 W
(4 Port) DSS B66 + 5G NR n66 + 5G NR n66	3	10 MHz + 10 MHz + 20 MHz	60 W/path, Total: 240 W
(4 Port) DSS B66 + DSS B66 + DSS B66	3	10 MHz + 10 MHz + 10 MHz	60 W/path, Total: 240 W
(4 Port) DSS B66 + DSS B66 + DSS B66	3	10 MHz + 10 MHz + 20 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66	4	5 MHz + 5 MHz + 5 MHz + 5 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66	4	5 MHz + 5 MHz + 5 MHz + 10 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66	4	5 MHz + 5 MHz + 10 MHz + 10 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	60 W/path, Total: 240 W
Frequency Range	Band 2 : 1 930 MHz ~ 1 990 MHz (@ Ant 5, 6, 7, 8) Band 66 : 2 110 MHz ~ 2 180 MHz (@ Ant 1, 2, 3, 4)		

	Mode	Bandwidth	Emission Designator			
			QPSK (G7D)	Conducted (W)	16/64/256 QAM (W7D)	Conducted (W)
Emission Designator	(2 Port) DSS B2 + DSS B2 (Contiguous)	10 MHz + 10 MHz	19M1G7D	105.51	19M1W7D	105.21
	(2 Port) LTE B2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 10 MHz	19M3G7D	101.31	19M3W7D	104.66
	(2 Port) LTE B2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M1G7D	98.53	29M1W7D	100.18
	(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 5 MHz	14M5G7D	105.58	14M5W7D	109.90
	(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M2G7D	101.70	29M3W7D	103.03
	(2 Port) 5G NR n2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 10 MHz	19M3G7D	101.34	19M3W7D	103.47
	(2 Port) 5G NR n2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M2G7D	99.26	29M1W7D	101.14
	(2 Port) DSS B2 + DSS B2 + DSS B2 (Contiguous)	10 MHz + 10 MHz + 10 MHz	29M1G7D	97.30	29M1W7D	100.27
	(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 5 MHz	14M4G7D	153.58	14M5W7D	154.78
	(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	10 MHz + 10 MHz + 20 MHz	39M1G7D	159.47	39M1W7D	160.21
	(2 Port) 5G NR n66 + 5G NR n66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz	19M3G7D	151.27	19M3W7D	154.61
	(2 Port) DSS B66 + 5G NR n66 + 5G NR n66 (Contiguous)	10 MHz + 10 MHz + 20 MHz	38M9G7D	151.42	39M0W7D	152.83
	(2 Port) DSS B66 + DSS B66 + DSS B66 (Contiguous)	10 MHz + 10 MHz + 10 MHz	29M1G7D	149.25	29M0W7D	149.74
	(2 Port) DSS B66 + DSS B66 + DSS B66 (Contiguous)	10 MHz + 10 MHz + 20 MHz	38M8G7D	145.68	38M9W7D	147.78
	(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M4G7D	155.07	19M5W7D	156.86
	(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M1G7D	151.25	39M2W7D	153.39
	(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 5 MHz + 10 MHz	24M2G7D	149.81	24M3W7D	153.28

(2 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M0G7D	147.48	39M0W7D	147.82
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 10 MHz	29M2G7D	151.76	29M3W7D	154.42
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M9G7D	144.55	39M1W7D	148.74
(4 Port) DSS B2 + DSS B2 (Contiguous)	10 MHz + 10 MHz	19M2G7D	142.20	19M2W7D	147.96
(4 Port) LTE B2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 10 MHz	19M3G7D	142.43	19M3W7D	144.68
(4 Port) LTE B2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M1G7D	134.32	29M2W7D	135.06
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 5 MHz	14M5G7D	141.71	14M5W7D	142.44
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M3G7D	132.63	29M2W7D	133.28
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 10 MHz	19M3G7D	133.74	19M4W7D	136.30
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M1G7D	135.47	29M2W7D	135.32
(4 Port) DSS B2 + DSS B2 + DSS B2 (Contiguous)	10 MHz + 10 MHz + 10 MHz	29M1G7D	132.51	29M1W7D	134.41
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 5 MHz	14M5G7D	249.12	14M5W7D	253.69
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	10 MHz + 10 MHz + 20 MHz	39M1G7D	233.04	39M1W7D	235.10
(4 Port) 5G NR n66 + 5G NR n66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz	19M3G7D	230.18	19M3W7D	231.79
(4 Port) DSS B66 + 5G NR n66 + 5G NR n66 (Contiguous)	10 MHz + 10 MHz + 20 MHz	39M0G7D	227.00	39M0W7D	231.42
(4 Port) DSS B66 + DSS B66 + DSS B66 (Contiguous)	10 MHz + 10 MHz + 10 MHz	29M0G7D	233.77	29M1W7D	236.90
(4 Port) DSS B66 + DSS B66 + DSS B66 (Contiguous)	10 MHz + 10 MHz + 20 MHz	38M8G7D	227.36	38M8W7D	229.22
(4 Port) LTE B66 + 5G NR n66	5 MHz + 5 MHz + 5	19M4G7D	233.80	19M5W7D	237.90



+ 5G NR n66 + 5G NR n66 (Contiguous)	MHz + 5 MHz				
(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M2G7D	226.92	39M2W7D	232.25
(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 5 MHz + 10 MHz	24M2G7D	231.47	24M3W7D	236.25
(4 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M0G7D	219.24	39M1W7D	222.28
(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 10 MHz	29M2G7D	229.47	29M3W7D	231.49
(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M1G7D	226.74	39M1W7D	227.42
(2 Port) DSS B2 + DSS B2 (Non-Contiguous)	10 MHz + 10 MHz	18M5G7D	102.25	18M5W7D	104.15
(2 Port) LTE B2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M8G7D	105.35	18M9W7D	105.94
(2 Port) LTE B2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M7G7D	104.69	18M7W7D	105.41
(2 Port) LTE B2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M6G7D	100.63	28M7W7D	101.41
(2 Port) LTE B2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M2G7D	100.06	28M3W7D	101.52
(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	106.97	14M0W7D	107.56
(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	13M9G7D	107.89	14M0W7D	107.34
(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M7G7D	102.46	28M8W7D	102.82
(2 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M4G7D	99.40	28M5W7D	100.85
(2 Port) 5G NR n2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M8G7D	101.83	18M8W7D	105.50
(2 Port) 5G NR n2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M7G7D	104.56	18M7W7D	104.66
(2 Port) 5G NR n2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M6G7D	101.21	28M7W7D	103.23

(2 Port) 5G NR n2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M3G7D	99.71	28M3W7D	100.75
(2 Port) DSS B2 + DSS B2 + DSS B2 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M3G7D	101.89	28M3W7D	103.24
(2 Port) DSS B2 + DSS B2 + DSS B2 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M2G7D	100.09	28M4W7D	100.27
(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	13M9G7D	149.61	14M0W7D	152.38
(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	13M9G7D	148.83	14M0W7D	156.17
(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M4G7D	156.72	38M4W7D	159.49
(2 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M2G7D	157.72	38M3W7D	157.78
(2 Port) 5G NR n66 + 5G NR n66 + DSS B66 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M8G7D	148.18	18M8W7D	150.31
(2 Port) 5G NR n66 + 5G NR n66 + DSS B66 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M7G7D	145.92	18M7W7D	147.56
(2 Port) DSS B66 + 5G NR n66 + 5G NR n66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M3G7D	149.76	38M3W7D	152.75
(2 Port) DSS B66 + 5G NR n66 + 5G NR n66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M2G7D	149.88	38M2W7D	151.43
(2 Port) DSS B66 + DSS B66 + DSS B66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M0G7D	131.81	28M4W7D	148.97
(2 Port) DSS B66 + DSS B66 + DSS B66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M3G7D	138.12	28M3W7D	149.13
(2 Port) DSS B66 + DSS B66 + DSS B66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M1G7D	149.82	38M2W7D	151.73
(2 Port) DSS B66 + DSS B66 + DSS B66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	37M8G7D	146.10	37M9W7D	147.37
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	18M9G7D	152.80	19M0W7D	154.90
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	18M9G7D	152.21	19M0W7D	154.04
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M6G7D	149.23	38M7W7D	152.16

[1C+3C] (Non-Contiguous)					
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M3G7D	148.39	38M3W7D	148.64
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 10 MHz	23M7G7D	147.97	23M8W7D	150.74
(2 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 10 MHz	23M7G7D	146.67	23M7W7D	155.93
(2 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M4G7D	143.66	38M5W7D	146.74
(2 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M0G7D	140.81	38M1W7D	144.09
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 10 MHz	28M7G7D	145.04	28M7W7D	147.84
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 10 MHz	28M5G7D	140.78	28M5W7D	146.51
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M5G7D	144.18	38M5W7D	147.94
(2 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M1G7D	144.37	38M1W7D	145.08
(4 Port) DSS B2 + DSS B2 (Non-Contiguous)	10 MHz + 10 MHz	18M5G7D	134.62	18M5W7D	137.37
(4 Port) LTE B2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M8G7D	137.76	18M9W7D	138.42
(4 Port) LTE B2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M7G7D	138.12	18M7W7D	140.00
(4 Port) LTE B2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M6G7D	132.94	28M7W7D	133.96
(4 Port) LTE B2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M3G7D	129.88	28M3W7D	131.54
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	134.82	14M0W7D	139.45
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	142.09	14M0W7D	141.48
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M7G7D	131.37	28M8W7D	132.22
(4 Port) 5G NR n2 + 5G NR n2 + 5G NR n2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M4G7D	129.85	28M5W7D	130.69

(Non-Contiguous)					
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M8G7D	132.67	18M9W7D	134.00
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M7G7D	134.32	18M7W7D	134.56
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M5G7D	133.86	28M6W7D	134.55
(4 Port) 5G NR n2 + 5G NR n2 + DSS B2 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M3G7D	131.56	28M3W7D	132.43
(4 Port) DSS B2 + DSS B2 + DSS B2 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M4G7D	132.03	28M4W7D	133.37
(4 Port) DSS B2 + DSS B2 + DSS B2 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M3G7D	134.71	28M4W7D	135.18
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	233.14	14M0W7D	236.19
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	236.89	14M0W7D	237.31
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M4G7D	233.52	38M4W7D	235.39
(4 Port) 5G NR n66 + 5G NR n66 + 5G NR n66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M3G7D	235.05	38M3W7D	234.84
(4 Port) 5G NR n66 + 5G NR n66 + DSS B66 [1C+2C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M8G7D	221.45	18M8W7D	226.47
(4 Port) 5G NR n66 + 5G NR n66 + DSS B66 [2C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz	18M7G7D	223.12	18M7W7D	224.48
(4 Port) DSS B66 + 5G NR n66 + 5G NR n66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M3G7D	226.31	38M3W7D	230.76
(4 Port) DSS B66 + 5G NR n66 + 5G NR n66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M2G7D	228.10	38M2W7D	230.26
(4 Port) DSS B66 + DSS B66 + DSS B66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	27M9G7D	198.04	28M1W7D	201.66
(4 Port) DSS B66 + DSS B66 + DSS B66 [2C+1C] (Non-Contiguous)	10 MHz + 10 MHz + 10 MHz	28M3G7D	213.34	28M3W7D	219.53
(4 Port) DSS B66 + DSS B66 + DSS B66 [1C+2C] (Non-Contiguous)	10 MHz + 10 MHz + 20 MHz	38M1G7D	229.53	38M2W7D	231.31
(4 Port) DSS B66 + DSS B66	10 MHz + 10 MHz +	37M9G7D	231.10	38M0W7D	230.97

	+ DSS B66 [2C+1C] (Non-Contiguous)	20 MHz				
	(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	18M9G7D	230.00	19M0W7D	234.60
	(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M0G7D	234.14	19M0W7D	236.99
	(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M6G7D	223.52	38M7W7D	228.78
	(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + 5G NR n66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M3G7D	226.55	38M4W7D	224.80
	(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 10 MHz	23M7G7D	227.91	23M8W7D	233.66
	(4 Port) LTE B66 + 5G NR n66 + 5G NR n66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 10 MHz	23M7G7D	229.48	23M7W7D	231.88
	(4 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M5G7D	215.22	38M5W7D	218.24
	(4 Port) LTE B66 + 5G NR n66 + DSS B66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M1G7D	216.12	38M1W7D	216.58
	(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 10 MHz	28M7G7D	207.90	28M8W7D	224.20
	(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 10 MHz	28M4G7D	225.16	28M5W7D	228.59
	(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [1C+3C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M1G7D	205.82	38M6W7D	225.08
	(4 Port) LTE B66 + LTE B66 + DSS B66 + DSS B66 [3C+1C] (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M0G7D	220.80	38M1W7D	222.36
Modulation Type	QPSK, 16QAM, 64QAM, 256QAM					
SCS (Sub-carrier Spacing)	LTE: 15 kHz, NR: 15 kHz, DSS: 15 kHz					

### 1.3. TEST INFORMATION

FCC Rule Parts	CFR 47 Part 2, Part 24, Part 27
Measurement standards	ANSI C63.26-2015, KDB 662911 D01 v02r01, KDB 971168 D01 v03r01
Place of Test	HCT CO., LTD. 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. 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 Publication 22.

Detailed description of test facility was submitted to the Commission and accepted dated April 02, 2018 (Registration Number: 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 FCC Part 2, Part 24, Part 27

Description	Reference	Results
RF Output Power	§ 2.1046, § 24.232, § 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	§ 2.1053, § 24.238, § 27.53(h)	Compliant
Frequency Stability	§ 2.1055, § 24.235, § 27.54	Compliant

### 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 LTE and 5G NR modulation types (QPSK, 16QAM, 64QAM, 256QAM) within the DSS operating mode, LTE modulation types (QPSK, 16QAM, 64QAM, 256QAM) and NR modulation types (QPSK, 16QAM, 64QAM, 256QAM) have been tested.
- All mode of operation, supporting bandwidth and frequencies were investigated. The test plots shown in the following sections represent the worst case emissions.
- The measurement has performed for each LTE, DSS and NR Carrier in the mode of full resource Block size as worst case to transmitt maximum output power condition.
- 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.
- In multi-carrier mode addressed in this report, worst LTE:5G NR ratio(9:1) is applied based on test result of single carrier DSS mode.
- The dummy loads were connected to the RF output ports for radiated spurious emission testing.
- The device was operating at 100 % duty cycle
- 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 0/1/2/3 in this report is indicated the test results of the antenna number of each frequency bands like below.

ANT	Antenna Number and Band	
ANT0	Ant 1 (B66)	Ant 5 (B2)
ANT1	Ant 2 (B66)	Ant 6 (B2)
ANT2	Ant 3 (B66)	Ant 7 (B2)
ANT3	Ant 4 (B66)	Ant 8 (B2)



**ANTO****Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	30.087	4 000	32.773
600	29.857	5 000	33.996
700	30.002	6 000	35.228
800	30.087	7 000	36.252
900	30.426	8 000	37.905
1 000	30.529	9 000	37.788
1 100	30.635	10 000	37.972
1 200	30.775	11 000	41.137
1 300	30.793	12 000	41.965
1 400	30.814	13 000	43.450
1 500	30.905	14 000	43.729
1 600	31.058	15 000	44.057
1 700	31.348	16 000	44.366
1 800	31.518	17 000	44.439
1 900	31.547	18 000	44.626
2 000	31.520	19 000	44.977
2 100	31.672	20 000	44.883
2 200	31.722	21 000	45.425
2 300	31.717	22 000	47.119
2 400	31.614	23 000	45.719
2 500	31.707	24 000	45.787
2 600	31.677	25 000	44.964
2 700	31.455	26 000	46.990
2 800	31.734	26 500	45.895
2 900	32.058	-	-
3 000	32.435	-	-

**ANT1****Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	30.596	4 000	33.321
600	30.358	5 000	34.633
700	30.512	6 000	36.009
800	30.608	7 000	36.773
900	30.956	8 000	38.961
1 000	31.067	9 000	38.746
1 100	31.159	10 000	39.388
1 200	31.343	11 000	41.880
1 300	31.292	12 000	42.177
1 400	31.347	13 000	41.695
1 500	31.473	14 000	41.980
1 600	31.610	15 000	42.225
1 700	31.872	16 000	42.636
1 800	32.099	17 000	42.462
1 900	31.764	18 000	42.740
2 000	32.074	19 000	42.980
2 100	32.197	20 000	42.654
2 200	32.004	21 000	43.316
2 300	32.057	22 000	43.371
2 400	32.196	23 000	43.625
2 500	32.107	24 000	43.942
2 600	32.130	25 000	43.745
2 700	32.039	26 000	44.049
2 800	32.361	26 500	44.332
2 900	32.621	-	-
3 000	33.092	-	-

**ANT2****Correction factor table**

<b>Frequency (MHz)</b>	<b>Factor (dB)</b>	<b>Frequency (MHz)</b>	<b>Factor (dB)</b>
500	30.651	4 000	33.839
600	30.566	5 000	34.943
700	30.837	6 000	36.242
800	30.982	7 000	37.437
900	31.456	8 000	38.319
1 000	31.673	9 000	38.388
1 100	31.773	10 000	39.491
1 200	31.054	11 000	40.789
1 300	31.178	12 000	41.715
1 400	31.284	13 000	41.957
1 500	31.514	14 000	42.290
1 600	31.674	15 000	42.673
1 700	32.008	16 000	42.916
1 800	31.794	17 000	42.813
1 900	31.936	18 000	43.216
2 000	32.143	19 000	43.655
2 100	32.199	20 000	43.188
2 200	32.172	21 000	43.912
2 300	32.114	22 000	44.226
2 400	32.214	23 000	44.478
2 500	32.121	24 000	44.223
2 600	32.126	25 000	44.723
2 700	32.200	26 000	46.113
2 800	32.841	26 500	44.787
2 900	32.757	-	-
3 000	33.314	-	-

**ANT3**
**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	30.089	4 000	33.855
600	30.240	5 000	35.616
700	30.392	6 000	36.151
800	30.382	7 000	37.347
900	30.502	8 000	38.228
1 000	30.575	9 000	39.686
1 100	30.752	10 000	39.684
1 200	30.844	11 000	41.526
1 300	30.868	12 000	42.897
1 400	30.866	13 000	43.850
1 500	30.904	14 000	44.069
1 600	31.080	15 000	44.389
1 700	31.028	16 000	44.679
1 800	31.139	17 000	44.596
1 900	31.237	18 000	44.794
2 000	31.407	19 000	45.015
2 100	31.462	20 000	44.652
2 200	31.511	21 000	45.195
2 300	31.910	22 000	44.966
2 400	32.403	23 000	44.951
2 500	32.380	24 000	44.316
2 600	32.591	25 000	44.950
2 700	32.709	26 000	45.112
2 800	32.627	26 500	44.449
2 900	32.811	-	-
3 000	32.931	-	-

### 3.3. MAXIMUM MEASUREMENT UNCERTAINTY

Description	Condition	Uncertainty
Radiated Disturbance	9 kHz ~ 30 MHz	4.40 dB
	30 MHz ~ 1 GHz	5.74 dB
	1 GHz ~ 18 GHz	5.51 dB
	18 GHz ~ 40 GHz	5.92 dB

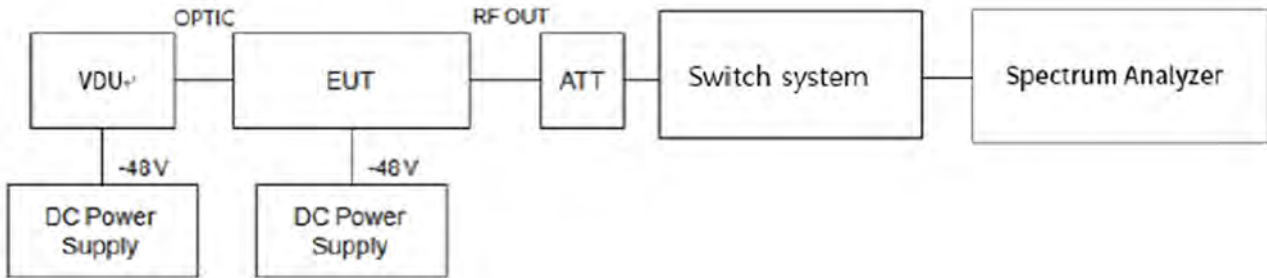
Coverage factor  $k=2$ , Confidence levels of 95 %

### 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

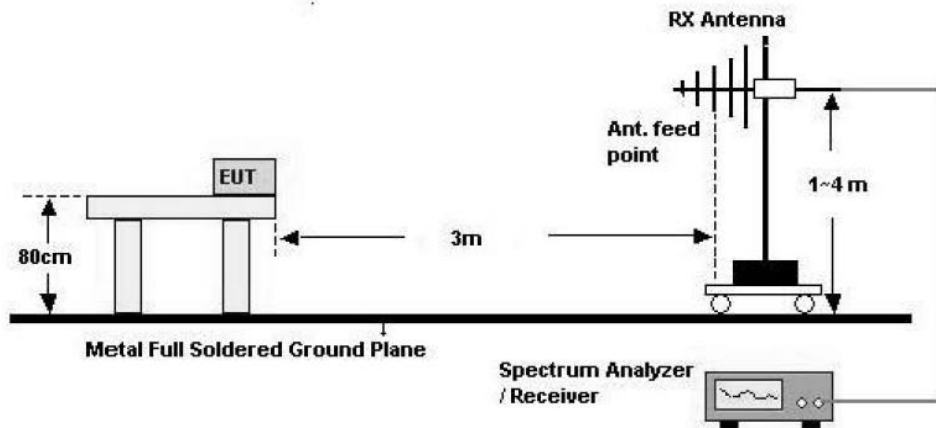
## 3.5. TEST DIAGRAMS

## Conducted Test

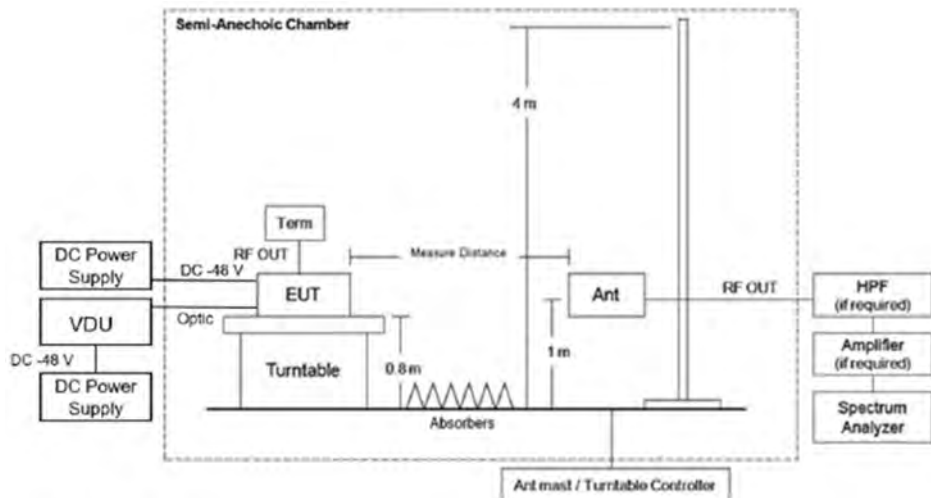


## Radiated Test

30 MHz ~ 1 GHz



Above 1 GHz

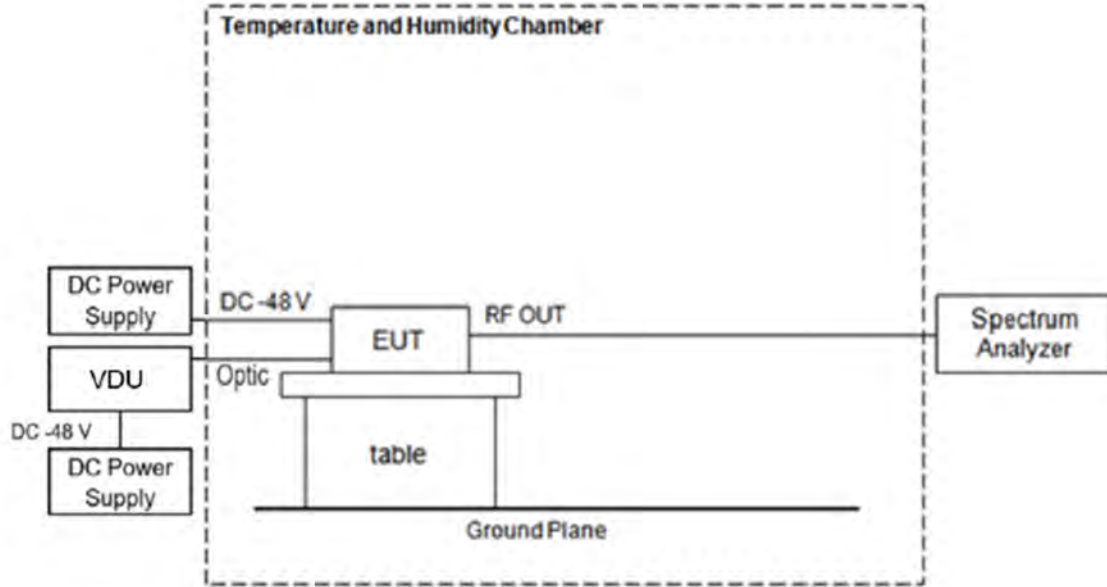


※ EUT position is adopted by placement of floor-standing refer to section 5.5.2.3.2 of ANSI C63.26-2015

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## Frequency Stability

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**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	MY55410714	2023-02-14	Annual
MXA Signal Analyzer	N9020A	Agilent	MY46471250	2023-07-22	Annual
RF Switch System	TMX0132C	TNM System	TM21100002	N/A	N/A
*30 dB Attenuator	TWAN-300-18G	Teleworld	N/A	2023-08-22	Annual
*50Ω Termination	908A	H.P.	N/A	N/A	N/A
*30 dB Attenuator	WA93-30-33	Weinschel, Inc.	0184	2023-11-21	Annual
DC Power Supply	PCR4000M	KIKUSUI	VM002269	2023-09-30	Annual
DC Power Supply	6647A	Agilent	MY41003340	2023-07-06	Annual
Temperature and Humidity Chamber	NY-THR18750	NANGYEAL	NY-200912201A	2023-02-10	Annual
Amp & Filter Bank Switch Controller	FBSM-01B	TNM system	TM20090002	N/A	N/A
Controller(Antenna mast & Turn Table)	CO3000	Innco systems	CO3000/1251/48920320/P	N/A	N/A
Antenna Position Tower	MA4640/800-XP-ET	Innco systems	N/A	N/A	N/A
Turn Table	DS2000-S	Innco systems	N/A	N/A	N/A
Turn Table	Turn Table	Ets	N/A	N/A	N/A
Loop Antenna	FMZB 1513	Schwarzbeck	1513-333	2024-03-17	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	01039	2023-07-14	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	02296	2024-05-18	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170342	2024-09-29	Biennial
HPF(3 ~ 18 GHz) + LNA(0.1 ~ 18 GHz)	FBSR-04C	TNM system	N/A	2023-08-23	Annual
Low Noise Amplifier	LLAU1183540Q	LTC Microwave	100	2023-08-23	Annual
High Pass Filter	WHKX12-2805-3000-18000-40SS	Wainwright Instruments	45	2023-08-23	Annual
Power Amplifier	CBL18265035	CERNEX	22966	2023-12-01	Annual
Power Amplifier	CBL26405040	CERNEX	25956	2023-03-11	Annual

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

#### Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. 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) (1) Base stations with an emission bandwidth of 1 MHz or less are limited to 1640 watts equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT, except as described in paragraph (b) below.
- (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.
- (3) Base station antenna heights may exceed 300 meters HAAT with a corresponding reduction in power; see Tables 1 and 2 of this section.
- (4) The service area boundary limit and microwave protection criteria specified in § § 24.236 and 24.237 apply.

Table 1—Reduced Power for Base Station Antenna Heights Over 300 Meters, With Emission Bandwidth of 1 MHz or Less

HAAT in meters	Maximum EIRP watts
≤300	1640
≤500	1070
≤1000	490
≤1500	270
≤2000	160

Table 2—Reduced Power for Base Station Antenna Heights Over 300 Meters, With Emission Bandwidth Greater Than 1 MHz

HAAT in meters	Maximum EIRP watts/MHz
≤300	1640
≤500	1070
≤1000	490
≤1500	270
≤2000	160

- (b) (1) Base stations that are located in counties with population densities of 100 persons or fewer per square mile, based upon the most recently available population statistics from the Bureau of the Census, with an emission bandwidth of 1 MHz or less are limited to 3280 watts equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT.
- (2) Base stations that are located in counties with population densities of 100 persons or fewer per square mile, based upon the most recently available population statistics from the Bureau of the Census, with an emission bandwidth greater than 1 MHz are limited to 3280 watts/MHz equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT.
- (3) Base station antenna heights may exceed 300 meters HAAT with a corresponding reduction in power; see Tables 3 and 4 of this section.
- (4) The service area boundary limit and microwave protection criteria specified in § § 24.236 and 24.237 apply.
- (5) Operation under this paragraph (b) at power limits greater than permitted under paragraph (a) of this section must be coordinated in advance with all broadband PCS licensees authorized to operate on adjacent frequency blocks within 120 kilometers (75 miles) of the base station and is limited to base stations located more than 120 kilometers (75 miles) from the Canadian border and more than 75 kilometers (45 miles) from the Mexican border.

Table 3—Reduced Power for Base Station Antenna Heights Over 300 Meters, With Emission Bandwidth of 1 MHz or Less

HAAT in meters	Maximum EIRP watts
≤300	3280
≤500	2140
≤1000	980
≤1500	540
≤2000	320

Table 4—Reduced Power for Base Station Antenna Heights Over 300 Meters, With Emission Bandwidth Greater Than 1 MHz

HAAT in meters	Maximum EIRP watts/MHz
≤300	3280
≤500	2140
≤1000	980
≤1500	540
≤2000	320

- (c) Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
- (d) Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
- (e) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

**§ 27.50 Power limits and duty cycle.**

- (d) (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.
- (5) Equipment employed must be authorized in accordance with the provisions of § 24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

**Test Procedures:**

The measurement is performed in accordance with Section 5.2.4.4.1 of ANSI C63.26.

The EUT is considered to transmit continuously if it can be configured to transmit at a burst duty cycle of greater than or equal to 98 % throughout the duration of the measurement. If this condition can be achieved, then the following procedure can be used to measure the average output power of the EUT.

- a) Set span to 2 × to 3 × the OBW.
- b) Set RBW = 1 % to 5 % of the OBW.
- c) Set VBW ≥ 3 × RBW.

- d) Set number of measurement points in sweep  $\geq 2 \times \text{span} / \text{RBW}$ .
- e) Sweep time:
  - 1) Set = auto-couple, or
  - 2) Set  $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission period})]$  for single sweep (automation-compatible) measurement. Transmission period is the on and off time of the transmitter.
- f) Detector = power averaging (rms).
- g) If the EUT can be configured to transmit continuously, then set the trigger to free run.
- h) If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints (i.e., configured such that measurement data is collected only during active full-power transmissions).
- i) 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 multiple symbols, 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.
- j) Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function, with the band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

The 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:** 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 attach only the worst case plot.

**Test Results:**
**Tabular Data of RF Contiguous output power**
**(2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	47.48	55.92
		Middle	1 960.00	46.98	49.89
		High	1 980.00	46.80	47.85
	16QAM	Low	1 940.00	47.43	55.39
		Middle	1 960.00	47.00	50.11
		High	1 980.00	46.80	47.81
	64QAM	Low	1 940.00	47.44	55.42
		Middle	1 960.00	47.02	50.32
		High	1 980.00	46.81	47.95
	256QAM	Low	1 940.00	47.35	54.28
		Middle	1 960.00	46.96	49.64
		High	1 980.00	46.82	48.10
1	QPSK	Low	1 940.00	46.95	49.58
		Middle	1 960.00	46.80	47.89
		High	1 980.00	46.90	48.92
	16QAM	Low	1 940.00	46.96	49.68
		Middle	1 960.00	46.82	48.14
		High	1 980.00	46.89	48.82
	64QAM	Low	1 940.00	46.97	49.79
		Middle	1 960.00	46.80	47.86
		High	1 980.00	46.93	49.35
	256QAM	Low	1 940.00	46.91	49.08
		Middle	1 960.00	46.80	47.87
		High	1 980.00	46.88	48.74

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	105.51	105.07	105.21	103.36
1 960.00	97.78	98.25	98.18	97.51
1 980.00	96.78	96.63	97.30	96.84

**(2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	47.17	52.17
		Middle	1 960.00	47.12	51.53
		High	1 980.00	46.95	49.52
	16QAM	Low	1 940.00	47.33	54.10
		Middle	1 960.00	47.17	52.13
		High	1 980.00	46.99	49.98
	64QAM	Low	1 940.00	47.31	53.89
		Middle	1 960.00	47.20	52.44
		High	1 980.00	47.02	50.32
	256QAM	Low	1 940.00	47.34	54.20
		Middle	1 960.00	47.21	52.57
		High	1 980.00	47.02	50.30
1	QPSK	Low	1 940.00	46.91	49.14
		Middle	1 960.00	46.93	49.27
		High	1 980.00	47.03	50.41
	16QAM	Low	1 940.00	46.95	49.51
		Middle	1 960.00	46.99	50.05
		High	1 980.00	47.04	50.62
	64QAM	Low	1 940.00	46.99	49.97
		Middle	1 960.00	47.05	50.64
		High	1 980.00	47.08	51.05
	256QAM	Low	1 940.00	47.03	50.45
		Middle	1 960.00	46.98	49.88
		High	1 980.00	47.16	52.01

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	101.31	103.61	103.86	104.66
1 960.00	100.81	102.18	103.09	102.44
1 980.00	99.93	100.60	101.37	102.32

**(2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	47.02	50.36
		Middle	1 960.00	47.01	50.28
		High	1 975.00	46.89	48.83
	16QAM	Low	1 945.00	47.08	51.11
		Middle	1 960.00	47.11	51.43
		High	1 975.00	46.93	49.32
	64QAM	Low	1 945.00	47.10	51.26
		Middle	1 960.00	47.05	50.73
		High	1 975.00	47.01	50.20
	256QAM	Low	1 945.00	47.11	51.43
		Middle	1 960.00	47.09	51.12
		High	1 975.00	46.95	49.53
1	QPSK	Low	1 945.00	46.80	47.84
		Middle	1 960.00	46.84	48.25
		High	1 975.00	46.88	48.76
	16QAM	Low	1 945.00	46.81	47.93
		Middle	1 960.00	46.86	48.51
		High	1 975.00	46.90	48.98
	64QAM	Low	1 945.00	46.81	48.02
		Middle	1 960.00	46.89	48.90
		High	1 975.00	46.89	48.84
	256QAM	Low	1 945.00	46.84	48.31
		Middle	1 960.00	46.91	49.06
		High	1 975.00	46.95	49.53

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	98.20	99.04	99.28	99.74
1 960.00	98.53	99.94	99.64	100.18
1 975.00	97.60	98.30	99.04	99.07

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	47.36	54.50
		Middle	1 960.00	47.16	51.95
		High	1 982.50	46.97	49.74
	16QAM	Low	1 937.50	47.42	55.22
		Middle	1 960.00	47.20	52.49
		High	1 982.50	47.00	50.11
	64QAM	Low	1 937.50	47.43	55.31
		Middle	1 960.00	47.22	52.71
		High	1 982.50	47.03	50.49
	256QAM	Low	1 937.50	47.75	59.54
		Middle	1 960.00	47.21	52.58
		High	1 982.50	47.02	50.29
1	QPSK	Low	1 937.50	47.08	51.07
		Middle	1 960.00	47.03	50.42
		High	1 982.50	47.17	52.17
	16QAM	Low	1 937.50	47.08	51.05
		Middle	1 960.00	47.09	51.11
		High	1 982.50	47.17	52.06
	64QAM	Low	1 937.50	47.05	50.73
		Middle	1 960.00	47.04	50.54
		High	1 982.50	47.18	52.22
	256QAM	Low	1 937.50	47.02	50.36
		Middle	1 960.00	47.04	50.59
		High	1 982.50	47.17	52.14

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	105.58	106.27	106.05	109.90
1 960.00	102.37	103.60	103.25	103.17
1 982.50	101.91	102.17	102.71	102.44



**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	47.01	50.23
		Middle	1 960.00	47.03	50.42
		High	1 975.00	46.95	49.53
	16QAM	Low	1 945.00	47.00	50.10
		Middle	1 960.00	47.09	51.18
		High	1 975.00	46.99	50.01
	64QAM	Low	1 945.00	47.02	50.40
		Middle	1 960.00	47.04	50.64
		High	1 975.00	47.00	50.08
	256QAM	Low	1 945.00	47.05	50.68
		Middle	1 960.00	47.05	50.70
		High	1 975.00	47.02	50.35
1	QPSK	Low	1 945.00	46.98	49.90
		Middle	1 960.00	47.10	51.27
		High	1 975.00	47.17	52.10
	16QAM	Low	1 945.00	46.98	49.88
		Middle	1 960.00	47.11	51.38
		High	1 975.00	47.12	51.48
	64QAM	Low	1 945.00	47.00	50.12
		Middle	1 960.00	47.15	51.93
		High	1 975.00	47.24	52.94
	256QAM	Low	1 945.00	47.02	50.35
		Middle	1 960.00	47.14	51.76
		High	1 975.00	47.19	52.38

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	100.14	99.97	100.52	101.03
1 960.00	101.70	102.56	102.57	102.46
1 975.00	101.63	101.49	103.03	102.74

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	47.16	51.98
		Middle	1 960.00	47.13	51.69
		High	1 980.00	46.88	48.72
	16QAM	Low	1 940.00	47.25	53.09
		Middle	1 960.00	47.08	51.06
		High	1 980.00	46.95	49.58
	64QAM	Low	1 940.00	47.29	53.57
		Middle	1 960.00	47.13	51.62
		High	1 980.00	47.04	50.55
	256QAM	Low	1 940.00	47.30	53.70
		Middle	1 960.00	47.13	51.61
		High	1 980.00	47.09	51.14
1	QPSK	Low	1 940.00	46.78	47.69
		Middle	1 960.00	46.96	49.65
		High	1 980.00	47.01	50.23
	16QAM	Low	1 940.00	46.90	48.98
		Middle	1 960.00	46.99	50.03
		High	1 980.00	47.06	50.80
	64QAM	Low	1 940.00	46.86	48.54
		Middle	1 960.00	46.91	49.12
		High	1 980.00	47.11	51.42
	256QAM	Low	1 940.00	46.97	49.76
		Middle	1 960.00	46.94	49.45
		High	1 980.00	47.08	51.10

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	99.66	102.07	102.11	103.47
1 960.00	101.34	101.09	100.74	101.06
1 980.00	98.96	100.39	101.97	102.24

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	47.00	50.14
		Middle	1 960.00	47.06	50.80
		High	1 975.00	46.92	49.23
	16QAM	Low	1 945.00	47.04	50.62
		Middle	1 960.00	47.12	51.55
		High	1 975.00	46.98	49.93
	64QAM	Low	1 945.00	47.05	50.75
		Middle	1 960.00	47.09	51.22
		High	1 975.00	46.96	49.60
	256QAM	Low	1 945.00	47.15	51.84
		Middle	1 960.00	47.18	52.22
		High	1 975.00	46.96	49.65
1	QPSK	Low	1 945.00	46.79	47.79
		Middle	1 960.00	46.85	48.45
		High	1 975.00	46.87	48.64
	16QAM	Low	1 945.00	46.79	47.77
		Middle	1 960.00	46.81	47.94
		High	1 975.00	46.98	49.87
	64QAM	Low	1 945.00	46.81	47.97
		Middle	1 960.00	46.88	48.81
		High	1 975.00	46.90	48.98
	256QAM	Low	1 945.00	46.79	47.79
		Middle	1 960.00	46.90	48.92
		High	1 975.00	46.92	49.20

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	97.93	98.39	98.72	99.63
1 960.00	99.26	99.49	100.03	101.14
1 975.00	97.87	99.80	98.58	98.85

**(2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	46.90	48.94
		Middle	1 960.00	46.92	49.15
		High	1 975.00	46.85	48.42
	16QAM	Low	1 945.00	47.13	51.65
		Middle	1 960.00	47.01	50.19
		High	1 975.00	46.89	48.83
	64QAM	Low	1 945.00	47.16	51.99
		Middle	1 960.00	46.96	49.69
		High	1 975.00	46.85	48.37
	256QAM	Low	1 945.00	47.10	51.27
		Middle	1 960.00	46.99	50.04
		High	1 975.00	46.93	49.34
1	QPSK	Low	1 945.00	46.80	47.92
		Middle	1 960.00	46.80	47.89
		High	1 975.00	46.89	48.88
	16QAM	Low	1 945.00	46.85	48.45
		Middle	1 960.00	46.86	48.51
		High	1 975.00	46.90	49.00
	64QAM	Low	1 945.00	46.84	48.28
		Middle	1 960.00	46.84	48.29
		High	1 975.00	46.93	49.27
	256QAM	Low	1 945.00	46.85	48.44
		Middle	1 960.00	46.88	48.75
		High	1 975.00	46.96	49.64

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	96.86	100.11	100.27	99.72
1 960.00	97.03	98.70	97.99	98.79
1 975.00	97.30	97.83	97.65	98.98

**(2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	48.68	73.76
		Middle	2 145.00	48.74	74.78
		High	2 172.50	48.72	74.44
	16QAM	Low	2 117.50	48.72	74.52
		Middle	2 145.00	48.70	74.06
		High	2 172.50	48.74	74.83
	64QAM	Low	2 117.50	48.78	75.49
		Middle	2 145.00	48.67	73.59
		High	2 172.50	48.77	75.39
	256QAM	Low	2 117.50	48.75	75.02
		Middle	2 145.00	48.74	74.78
		High	2 172.50	48.69	73.99
1	QPSK	Low	2 117.50	48.95	78.47
		Middle	2 145.00	48.96	78.80
		High	2 172.50	48.96	78.70
	16QAM	Low	2 117.50	48.97	78.94
		Middle	2 145.00	48.94	78.29
		High	2 172.50	48.95	78.56
	64QAM	Low	2 117.50	48.99	79.29
		Middle	2 145.00	48.98	79.05
		High	2 172.50	48.96	78.61
	256QAM	Low	2 117.50	48.95	78.61
		Middle	2 145.00	48.94	78.32
		High	2 172.50	48.93	78.11

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	152.23	153.47	154.78	153.64
2 145.00	153.58	152.35	152.64	153.11
2 172.50	153.15	153.40	154.00	152.11

**(2 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.82	76.19
		Middle	2 145.00	48.89	77.37
		High	2 160.00	48.99	79.30
	16QAM	Low	2 130.00	48.81	76.02
		Middle	2 145.00	48.92	77.93
		High	2 160.00	49.01	79.60
	64QAM	Low	2 130.00	48.76	75.08
		Middle	2 145.00	48.93	78.16
		High	2 160.00	48.97	78.85
	256QAM	Low	2 130.00	48.86	76.97
		Middle	2 145.00	48.94	78.27
		High	2 160.00	49.03	79.93
1	QPSK	Low	2 130.00	48.80	75.82
		Middle	2 145.00	48.94	78.43
		High	2 160.00	49.04	80.17
	16QAM	Low	2 130.00	48.76	75.13
		Middle	2 145.00	48.91	77.84
		High	2 160.00	49.01	79.65
	64QAM	Low	2 130.00	48.83	76.33
		Middle	2 145.00	48.96	78.72
		High	2 160.00	48.97	78.98
	256QAM	Low	2 130.00	48.85	76.67
		Middle	2 145.00	48.99	79.20
		High	2 160.00	49.05	80.28

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	152.02	151.14	151.41	153.63
2 145.00	155.81	155.77	156.89	157.47
2 160.00	159.47	159.25	157.83	160.21

**(2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	48.49	70.60
		Middle	2 145.00	48.55	71.58
		High	2 170.00	48.65	73.30
	16QAM	Low	2 120.00	48.61	72.69
		Middle	2 145.00	48.64	73.03
		High	2 170.00	48.70	74.18
	64QAM	Low	2 120.00	48.63	72.96
		Middle	2 145.00	48.67	73.64
		High	2 170.00	48.73	74.68
	256QAM	Low	2 120.00	48.60	72.41
		Middle	2 145.00	48.67	73.55
		High	2 170.00	48.72	74.51
1	QPSK	Low	2 120.00	48.82	76.21
		Middle	2 145.00	48.86	76.90
		High	2 170.00	48.92	77.97
	16QAM	Low	2 120.00	48.81	76.05
		Middle	2 145.00	48.83	76.40
		High	2 170.00	49.00	79.45
	64QAM	Low	2 120.00	48.89	77.36
		Middle	2 145.00	48.90	77.57
		High	2 170.00	49.03	79.93
	256QAM	Low	2 120.00	48.88	77.18
		Middle	2 145.00	48.88	77.27
		High	2 170.00	48.97	78.85

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	146.81	148.75	150.32	149.59
2 145.00	148.48	149.43	151.21	150.82
2 170.00	151.27	153.64	154.61	153.36

**(2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.56	71.75
		Middle	2 145.00	48.63	72.90
		High	2 160.00	48.67	73.69
	16QAM	Low	2 130.00	48.65	73.21
		Middle	2 145.00	48.65	73.35
		High	2 160.00	48.69	73.91
	64QAM	Low	2 130.00	48.68	73.86
		Middle	2 145.00	48.67	73.67
		High	2 160.00	48.71	74.23
	256QAM	Low	2 130.00	48.63	72.93
		Middle	2 145.00	48.70	74.22
		High	2 160.00	48.71	74.32
1	QPSK	Low	2 130.00	48.84	76.47
		Middle	2 145.00	48.92	77.98
		High	2 160.00	48.91	77.73
	16QAM	Low	2 130.00	48.91	77.79
		Middle	2 145.00	48.96	78.74
		High	2 160.00	48.94	78.40
	64QAM	Low	2 130.00	48.94	78.43
		Middle	2 145.00	48.96	78.67
		High	2 160.00	48.95	78.60
	256QAM	Low	2 130.00	48.93	78.18
		Middle	2 145.00	48.89	77.50
		High	2 160.00	48.92	77.97

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	148.22	151.00	152.29	151.11
2 145.00	150.88	152.09	152.34	151.72
2 160.00	151.42	152.31	152.83	152.29



**(2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 125.00	48.62	72.86
		Middle	2 145.00	48.50	70.83
		High	2 165.00	48.58	72.14
	16QAM	Low	2 125.00	48.57	71.94
		Middle	2 145.00	48.57	71.90
		High	2 165.00	48.64	73.06
	64QAM	Low	2 125.00	48.60	72.53
		Middle	2 145.00	48.58	72.11
		High	2 165.00	48.64	73.06
	256QAM	Low	2 125.00	48.60	72.36
		Middle	2 145.00	48.63	72.90
		High	2 165.00	48.64	73.18
1	QPSK	Low	2 125.00	48.83	76.38
		Middle	2 145.00	48.78	75.47
		High	2 165.00	48.86	76.91
	16QAM	Low	2 125.00	48.88	77.34
		Middle	2 145.00	48.76	75.09
		High	2 165.00	48.81	76.09
	64QAM	Low	2 125.00	48.79	75.72
		Middle	2 145.00	48.78	75.51
		High	2 165.00	48.80	75.95
	256QAM	Low	2 125.00	48.81	76.02
		Middle	2 145.00	48.83	76.40
		High	2 165.00	48.84	76.56

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 125.00	149.25	149.29	148.25	148.38
2 145.00	146.30	146.99	147.62	149.30
2 165.00	149.06	149.15	149.01	149.74

**(2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.41	69.34
		Middle	2 145.00	48.47	70.24
		High	2 160.00	48.15	65.37
	16QAM	Low	2 130.00	48.49	70.65
		Middle	2 145.00	48.52	71.19
		High	2 160.00	48.58	72.14
	64QAM	Low	2 130.00	48.51	70.99
		Middle	2 145.00	48.55	71.61
		High	2 160.00	48.54	71.48
	256QAM	Low	2 130.00	48.49	70.66
		Middle	2 145.00	48.53	71.35
		High	2 160.00	48.54	71.50
1	QPSK	Low	2 130.00	48.72	74.44
		Middle	2 145.00	48.78	75.44
		High	2 160.00	48.35	68.45
	16QAM	Low	2 130.00	48.71	74.37
		Middle	2 145.00	48.77	75.37
		High	2 160.00	48.79	75.63
	64QAM	Low	2 130.00	48.75	75.02
		Middle	2 145.00	48.80	75.88
		High	2 160.00	48.74	74.89
	256QAM	Low	2 130.00	48.75	75.04
		Middle	2 145.00	48.78	75.42
		High	2 160.00	48.79	75.60

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	143.78	145.02	146.02	145.71
2 145.00	145.68	146.56	147.49	146.78
2 160.00	133.83	147.78	146.37	147.10

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	48.61	72.61
		Middle	2 145.00	48.68	73.81
		High	2 170.00	48.73	74.71
	16QAM	Low	2 120.00	48.91	77.79
		Middle	2 145.00	48.79	75.72
		High	2 170.00	48.74	74.83
	64QAM	Low	2 120.00	48.71	74.34
		Middle	2 145.00	48.74	74.83
		High	2 170.00	48.81	76.03
	256QAM	Low	2 120.00	48.76	75.11
		Middle	2 145.00	48.70	74.15
		High	2 170.00	48.80	75.93
1	QPSK	Low	2 120.00	48.95	78.47
		Middle	2 145.00	49.00	79.38
		High	2 170.00	49.05	80.35
	16QAM	Low	2 120.00	48.91	77.77
		Middle	2 145.00	48.98	79.10
		High	2 170.00	49.03	79.89
	64QAM	Low	2 120.00	48.98	79.03
		Middle	2 145.00	49.04	80.09
		High	2 170.00	49.03	80.00
	256QAM	Low	2 120.00	49.00	79.41
		Middle	2 145.00	48.93	78.07
		High	2 170.00	49.08	80.93

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	151.08	155.56	153.37	154.53
2 145.00	153.19	154.82	154.93	152.22
2 170.00	155.07	154.73	156.04	156.86

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
[4 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.49	70.68
		Middle	2 145.00	48.57	71.93
		High	2 160.00	48.67	73.64
	16QAM	Low	2 130.00	48.54	71.40
		Middle	2 145.00	48.62	72.76
		High	2 160.00	48.68	73.77
	64QAM	Low	2 130.00	48.56	71.83
		Middle	2 145.00	48.60	72.46
		High	2 160.00	48.70	74.18
	256QAM	Low	2 130.00	48.60	72.36
		Middle	2 145.00	48.63	72.96
		High	2 160.00	48.73	74.63
1	QPSK	Low	2 130.00	48.84	76.63
		Middle	2 145.00	48.89	77.37
		High	2 160.00	48.90	77.61
	16QAM	Low	2 130.00	48.85	76.74
		Middle	2 145.00	48.91	77.84
		High	2 160.00	48.91	77.75
	64QAM	Low	2 130.00	48.82	76.28
		Middle	2 145.00	48.92	77.97
		High	2 160.00	48.95	78.56
	256QAM	Low	2 130.00	48.88	77.29
		Middle	2 145.00	48.91	77.82
		High	2 160.00	48.96	78.76

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	147.31	148.14	148.11	149.65
2 145.00	149.31	150.60	150.43	150.79
2 160.00	151.25	151.53	152.74	153.39

(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 [4 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 122.50	48.48	70.44
		Middle	2 145.00	48.56	71.78
		High	2 167.50	48.61	72.68
	16QAM	Low	2 122.50	48.59	72.21
		Middle	2 145.00	48.58	72.16
		High	2 167.50	48.67	73.69
	64QAM	Low	2 122.50	48.58	72.18
		Middle	2 145.00	48.62	72.76
		High	2 167.50	48.69	73.94
	256QAM	Low	2 122.50	48.63	72.88
		Middle	2 145.00	48.60	72.38
		High	2 167.50	48.71	74.30
1	QPSK	Low	2 122.50	48.80	75.89
		Middle	2 145.00	48.83	76.37
		High	2 167.50	48.87	77.13
	16QAM	Low	2 122.50	48.84	76.52
		Middle	2 145.00	48.89	77.41
		High	2 167.50	48.88	77.34
	64QAM	Low	2 122.50	48.89	77.45
		Middle	2 145.00	48.88	77.34
		High	2 167.50	48.93	78.25
	256QAM	Low	2 122.50	48.84	76.56
		Middle	2 145.00	48.86	76.97
		High	2 167.50	48.98	78.98

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 122.50	146.33	148.74	149.63	149.44
2 145.00	148.15	149.57	150.10	149.35
2 167.50	149.81	151.03	152.20	153.28

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier  
[4 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.34	68.27
		Middle	2 145.00	48.42	69.45
		High	2 160.00	48.57	71.91
	16QAM	Low	2 130.00	48.43	69.68
		Middle	2 145.00	48.53	71.30
		High	2 160.00	48.57	71.99
	64QAM	Low	2 130.00	48.48	70.39
		Middle	2 145.00	48.50	70.71
		High	2 160.00	48.58	72.13
	256QAM	Low	2 130.00	48.42	69.47
		Middle	2 145.00	48.48	70.40
		High	2 160.00	48.59	72.31
1	QPSK	Low	2 130.00	48.64	73.18
		Middle	2 145.00	48.74	74.80
		High	2 160.00	48.78	75.56
	16QAM	Low	2 130.00	48.72	74.46
		Middle	2 145.00	48.78	75.54
		High	2 160.00	48.77	75.32
	64QAM	Low	2 130.00	48.75	74.94
		Middle	2 145.00	48.75	74.95
		High	2 160.00	48.79	75.67
	256QAM	Low	2 130.00	48.74	74.80
		Middle	2 145.00	48.79	75.70
		High	2 160.00	48.78	75.51

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	141.45	144.14	145.33	144.27
2 145.00	144.26	146.85	145.67	146.11
2 160.00	147.48	147.31	147.80	147.82

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 125.00	48.70	74.17
		Middle	2 145.00	48.77	75.39
		High	2 165.00	48.69	74.01
	16QAM	Low	2 125.00	48.77	75.40
		Middle	2 145.00	48.80	75.84
		High	2 165.00	48.70	74.10
	64QAM	Low	2 125.00	48.75	75.02
		Middle	2 145.00	48.76	75.09
		High	2 165.00	48.65	73.33
	256QAM	Low	2 125.00	48.75	74.90
		Middle	2 145.00	48.82	76.28
		High	2 165.00	48.71	74.25
1	QPSK	Low	2 125.00	48.79	75.60
		Middle	2 145.00	48.77	75.34
		High	2 165.00	48.91	77.75
	16QAM	Low	2 125.00	48.80	75.81
		Middle	2 145.00	48.83	76.31
		High	2 165.00	48.89	77.48
	64QAM	Low	2 125.00	48.83	76.35
		Middle	2 145.00	48.81	75.96
		High	2 165.00	48.81	76.09
	256QAM	Low	2 125.00	48.85	76.74
		Middle	2 145.00	48.93	78.14
		High	2 165.00	48.84	76.59

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 125.00	149.76	151.21	151.37	151.64
2 145.00	150.73	152.16	151.06	154.42
2 165.00	151.76	151.58	149.42	150.85

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.46	70.18
		Middle	2 145.00	48.42	69.58
		High	2 160.00	48.37	68.75
	16QAM	Low	2 130.00	48.38	68.93
		Middle	2 145.00	48.50	70.79
		High	2 160.00	48.58	72.19
	64QAM	Low	2 130.00	48.38	68.90
		Middle	2 145.00	48.50	70.73
		High	2 160.00	48.57	72.01
	256QAM	Low	2 130.00	48.45	69.95
		Middle	2 145.00	48.47	70.24
		High	2 160.00	48.59	72.21
1	QPSK	Low	2 130.00	48.71	74.37
		Middle	2 145.00	48.74	74.85
		High	2 160.00	48.39	69.01
	16QAM	Low	2 130.00	48.68	73.79
		Middle	2 145.00	48.76	75.16
		High	2 160.00	48.78	75.54
	64QAM	Low	2 130.00	48.68	73.79
		Middle	2 145.00	48.77	75.39
		High	2 160.00	48.78	75.60
	256QAM	Low	2 130.00	48.72	74.44
		Middle	2 145.00	48.78	75.54
		High	2 160.00	48.84	76.52

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	144.55	142.72	142.69	144.39
2 145.00	144.44	145.96	146.12	145.79
2 160.00	137.76	147.74	147.61	148.74



**(4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.27	33.62
		Middle	1 960.00	45.54	35.82
		High	1 980.00	45.06	32.06
	16QAM	Low	1 940.00	45.27	33.62
		Middle	1 960.00	45.69	37.10
		High	1 980.00	45.12	32.49
	64QAM	Low	1 940.00	45.25	33.47
		Middle	1 960.00	45.71	37.28
		High	1 980.00	45.10	32.39
	256QAM	Low	1 940.00	45.31	33.93
		Middle	1 960.00	45.74	37.45
		High	1 980.00	45.14	32.68
1	QPSK	Low	1 940.00	45.22	33.25
		Middle	1 960.00	45.19	33.01
		High	1 980.00	45.19	33.01
	16QAM	Low	1 940.00	45.18	32.98
		Middle	1 960.00	45.38	34.51
		High	1 980.00	45.24	33.43
	64QAM	Low	1 940.00	45.26	33.54
		Middle	1 960.00	45.39	34.59
		High	1 980.00	45.29	33.83
	256QAM	Low	1 940.00	45.27	33.68
		Middle	1 960.00	45.41	34.72
		High	1 980.00	45.28	33.76

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.30	33.86
		Middle	1 960.00	45.55	35.92
		High	1 980.00	45.25	33.50
	16QAM	Low	1 940.00	45.38	34.55
		Middle	1 960.00	45.68	36.98
		High	1 980.00	45.33	34.13
	64QAM	Low	1 940.00	45.38	34.47
		Middle	1 960.00	45.66	36.85
		High	1 980.00	45.39	34.59
	256QAM	Low	1 940.00	45.40	34.66
		Middle	1 960.00	45.67	36.89
		High	1 980.00	45.38	34.53
3	QPSK	Low	1 940.00	45.29	33.85
		Middle	1 960.00	45.74	37.45
		High	1 980.00	45.14	32.64
	16QAM	Low	1 940.00	45.29	33.80
		Middle	1 960.00	45.84	38.41
		High	1 980.00	45.21	33.18
	64QAM	Low	1 940.00	45.27	33.62
		Middle	1 960.00	45.84	38.36
		High	1 980.00	45.14	32.68
	256QAM	Low	1 940.00	45.34	34.16
		Middle	1 960.00	45.90	38.90
		High	1 980.00	45.11	32.45

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	134.58	134.96	135.10	136.43
1 960.00	142.20	147.01	147.08	147.96
1 980.00	131.21	133.22	133.49	133.42

**(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.37	34.41
		Middle	1 960.00	45.28	33.71
		High	1 980.00	45.08	32.20
	16QAM	Low	1 940.00	45.49	35.38
		Middle	1 960.00	45.30	33.89
		High	1 980.00	45.13	32.61
	64QAM	Low	1 940.00	45.50	35.44
		Middle	1 960.00	45.33	34.09
		High	1 980.00	45.12	32.52
	256QAM	Low	1 940.00	45.46	35.17
		Middle	1 960.00	45.29	33.78
		High	1 980.00	45.08	32.23
1	QPSK	Low	1 940.00	45.51	35.55
		Middle	1 960.00	45.47	35.24
		High	1 980.00	45.43	34.92
	16QAM	Low	1 940.00	45.62	36.47
		Middle	1 960.00	45.55	35.91
		High	1 980.00	45.41	34.76
	64QAM	Low	1 940.00	45.56	35.99
		Middle	1 960.00	45.52	35.64
		High	1 980.00	45.49	35.43
	256QAM	Low	1 940.00	45.50	35.46
		Middle	1 960.00	45.54	35.83
		High	1 980.00	45.34	34.18

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.63	36.57
		Middle	1 960.00	45.54	35.80
		High	1 980.00	45.46	35.14
	16QAM	Low	1 940.00	45.68	37.03
		Middle	1 960.00	45.61	36.36
		High	1 980.00	45.47	35.25
	64QAM	Low	1 940.00	45.69	37.09
		Middle	1 960.00	45.57	36.04
		High	1 980.00	45.48	35.32
	256QAM	Low	1 940.00	45.71	37.27
		Middle	1 960.00	45.56	35.99
		High	1 980.00	45.38	34.54
3	QPSK	Low	1 940.00	45.55	35.89
		Middle	1 960.00	45.48	35.29
		High	1 980.00	45.36	34.33
	16QAM	Low	1 940.00	45.51	35.55
		Middle	1 960.00	45.53	35.70
		High	1 980.00	45.37	34.43
	64QAM	Low	1 940.00	45.58	36.15
		Middle	1 960.00	45.48	35.33
		High	1 980.00	45.43	34.87
	256QAM	Low	1 940.00	45.53	35.76
		Middle	1 960.00	45.52	35.63
		High	1 980.00	45.33	34.12

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	142.43	144.41	144.68	143.66
1 960.00	140.05	141.86	141.09	141.22
1 980.00	136.60	137.06	138.14	135.07

**(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	45.17	32.92
		Middle	1 960.00	45.12	32.49
		High	1 975.00	45.16	32.80
	16QAM	Low	1 945.00	45.13	32.57
		Middle	1 960.00	45.17	32.92
		High	1 975.00	45.20	33.11
	64QAM	Low	1 945.00	45.19	33.02
		Middle	1 960.00	45.24	33.44
		High	1 975.00	45.17	32.90
	256QAM	Low	1 945.00	45.14	32.67
		Middle	1 960.00	45.23	33.31
		High	1 975.00	45.24	33.40
1	QPSK	Low	1 945.00	45.22	33.27
		Middle	1 960.00	45.23	33.37
		High	1 975.00	45.17	32.90
	16QAM	Low	1 945.00	45.18	32.94
		Middle	1 960.00	45.21	33.18
		High	1 975.00	45.20	33.09
	64QAM	Low	1 945.00	45.23	33.37
		Middle	1 960.00	45.28	33.74
		High	1 975.00	45.18	32.97
	256QAM	Low	1 945.00	45.19	33.05
		Middle	1 960.00	45.25	33.48
		High	1 975.00	45.26	33.59

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.34	34.21
		Middle	1 960.00	45.30	33.86
		High	1 975.00	45.21	33.21
	16QAM	Low	1 945.00	45.33	34.15
		Middle	1 960.00	45.31	33.94
		High	1 975.00	45.22	33.30
	64QAM	Low	1 945.00	45.31	33.94
		Middle	1 960.00	45.37	34.42
		High	1 975.00	45.27	33.62
	256QAM	Low	1 945.00	45.31	33.95
		Middle	1 960.00	45.35	34.30
		High	1 975.00	45.35	34.25
3	QPSK	Low	1 945.00	45.30	33.92
		Middle	1 960.00	45.24	33.46
		High	1 975.00	45.21	33.17
	16QAM	Low	1 945.00	45.24	33.40
		Middle	1 960.00	45.25	33.48
		High	1 975.00	45.17	32.86
	64QAM	Low	1 945.00	45.24	33.42
		Middle	1 960.00	45.24	33.45
		High	1 975.00	45.27	33.67
	256QAM	Low	1 945.00	45.22	33.28
		Middle	1 960.00	45.28	33.75
		High	1 975.00	45.26	33.61

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	134.32	133.05	133.75	132.95
1 960.00	133.18	133.53	135.06	134.85
1 975.00	132.09	132.36	133.16	134.86

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	45.47	35.20
		Middle	1 960.00	45.23	33.36
		High	1 982.50	45.27	33.68
	16QAM	Low	1 937.50	45.51	35.54
		Middle	1 960.00	45.22	33.27
		High	1 982.50	45.31	33.99
	64QAM	Low	1 937.50	45.39	34.58
		Middle	1 960.00	45.26	33.60
		High	1 982.50	45.28	33.74
	256QAM	Low	1 937.50	45.45	35.07
		Middle	1 960.00	45.21	33.18
		High	1 982.50	45.26	33.57
1	QPSK	Low	1 937.50	45.42	34.82
		Middle	1 960.00	45.38	34.53
		High	1 982.50	45.49	35.39
	16QAM	Low	1 937.50	45.47	35.27
		Middle	1 960.00	45.35	34.29
		High	1 982.50	45.49	35.44
	64QAM	Low	1 937.50	45.46	35.16
		Middle	1 960.00	45.38	34.53
		High	1 982.50	45.35	34.25
	256QAM	Low	1 937.50	45.40	34.71
		Middle	1 960.00	45.37	34.43
		High	1 982.50	45.41	34.74

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 937.50	45.57	36.05
		Middle	1 960.00	45.50	35.50
		High	1 982.50	45.56	35.95
	16QAM	Low	1 937.50	45.57	36.08
		Middle	1 960.00	45.56	36.00
		High	1 982.50	45.63	36.52
	64QAM	Low	1 937.50	45.52	35.62
		Middle	1 960.00	45.49	35.38
		High	1 982.50	45.46	35.17
	256QAM	Low	1 937.50	45.55	35.91
		Middle	1 960.00	45.53	35.75
		High	1 982.50	45.50	35.46
3	QPSK	Low	1 937.50	45.52	35.64
		Middle	1 960.00	45.38	34.51
		High	1 982.50	45.34	34.21
	16QAM	Low	1 937.50	45.51	35.55
		Middle	1 960.00	45.34	34.21
		High	1 982.50	45.39	34.56
	64QAM	Low	1 937.50	45.42	34.80
		Middle	1 960.00	45.28	33.71
		High	1 982.50	45.25	33.52
	256QAM	Low	1 937.50	45.45	35.08
		Middle	1 960.00	45.33	34.10
		High	1 982.50	45.29	33.82

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	141.71	142.44	140.16	140.77
1 960.00	137.90	137.77	137.23	137.47
1 982.50	139.24	140.51	136.68	137.59



**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	45.04	31.93
		Middle	1 960.00	45.13	32.61
		High	1 975.00	45.08	32.21
	16QAM	Low	1 945.00	45.09	32.26
		Middle	1 960.00	45.11	32.47
		High	1 975.00	45.11	32.45
	64QAM	Low	1 945.00	45.11	32.40
		Middle	1 960.00	45.09	32.26
		High	1 975.00	45.10	32.34
	256QAM	Low	1 945.00	45.13	32.58
		Middle	1 960.00	45.10	32.39
		High	1 975.00	45.14	32.66
1	QPSK	Low	1 945.00	45.15	32.76
		Middle	1 960.00	45.23	33.35
		High	1 975.00	45.21	33.17
	16QAM	Low	1 945.00	45.14	32.66
		Middle	1 960.00	45.18	32.98
		High	1 975.00	45.16	32.83
	64QAM	Low	1 945.00	45.15	32.73
		Middle	1 960.00	45.19	33.07
		High	1 975.00	45.17	32.90
	256QAM	Low	1 945.00	45.22	33.24
		Middle	1 960.00	45.19	33.07
		High	1 975.00	45.19	33.03

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.28	33.75
		Middle	1 960.00	45.32	34.00
		High	1 975.00	45.26	33.59
	16QAM	Low	1 945.00	45.28	33.76
		Middle	1 960.00	45.37	34.43
		High	1 975.00	45.30	33.89
	64QAM	Low	1 945.00	45.35	34.28
		Middle	1 960.00	45.30	33.91
		High	1 975.00	45.31	34.00
	256QAM	Low	1 945.00	45.35	34.27
		Middle	1 960.00	45.31	33.94
		High	1 975.00	45.30	33.92
3	QPSK	Low	1 945.00	45.16	32.80
		Middle	1 960.00	45.14	32.67
		High	1 975.00	45.13	32.57
	16QAM	Low	1 945.00	45.13	32.60
		Middle	1 960.00	45.15	32.76
		High	1 975.00	45.15	32.72
	64QAM	Low	1 945.00	45.16	32.82
		Middle	1 960.00	45.13	32.57
		High	1 975.00	45.11	32.40
	256QAM	Low	1 945.00	45.21	33.19
		Middle	1 960.00	45.12	32.50
		High	1 975.00	45.13	32.57

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	131.25	131.27	132.22	133.28
1 960.00	132.63	132.65	131.80	131.90
1 975.00	131.54	131.89	131.64	132.17

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.16	32.79
		Middle	1 960.00	45.06	32.05
		High	1 980.00	45.10	32.36
	16QAM	Low	1 940.00	45.24	33.45
		Middle	1 960.00	45.15	32.71
		High	1 980.00	45.09	32.28
	64QAM	Low	1 940.00	45.29	33.84
		Middle	1 960.00	45.16	32.79
		High	1 980.00	45.16	32.84
	256QAM	Low	1 940.00	45.25	33.49
		Middle	1 960.00	45.12	32.52
		High	1 980.00	45.12	32.49
1	QPSK	Low	1 940.00	45.19	33.05
		Middle	1 960.00	45.25	33.52
		High	1 980.00	45.27	33.64
	16QAM	Low	1 940.00	45.24	33.40
		Middle	1 960.00	45.23	33.36
		High	1 980.00	45.25	33.50
	64QAM	Low	1 940.00	45.27	33.64
		Middle	1 960.00	45.21	33.22
		High	1 980.00	45.26	33.60
	256QAM	Low	1 940.00	45.34	34.17
		Middle	1 960.00	45.27	33.64
		High	1 980.00	45.31	33.95

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.38	34.54
		Middle	1 960.00	45.34	34.18
		High	1 980.00	45.34	34.21
	16QAM	Low	1 940.00	45.39	34.63
		Middle	1 960.00	45.37	34.43
		High	1 980.00	45.45	35.05
	64QAM	Low	1 940.00	45.41	34.76
		Middle	1 960.00	45.38	34.52
		High	1 980.00	45.42	34.83
	256QAM	Low	1 940.00	45.43	34.92
		Middle	1 960.00	45.38	34.54
		High	1 980.00	45.41	34.79
3	QPSK	Low	1 940.00	45.23	33.37
		Middle	1 960.00	45.18	32.98
		High	1 980.00	45.12	32.52
	16QAM	Low	1 940.00	45.26	33.60
		Middle	1 960.00	45.17	32.89
		High	1 980.00	45.13	32.58
	64QAM	Low	1 940.00	45.30	33.92
		Middle	1 960.00	45.18	32.95
		High	1 980.00	45.19	33.06
	256QAM	Low	1 940.00	45.28	33.71
		Middle	1 960.00	45.24	33.40
		High	1 980.00	45.16	32.83

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	133.74	135.09	136.15	136.30
1 960.00	132.73	133.38	133.48	134.10
1 980.00	132.73	133.41	134.33	134.06

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	45.23	33.31
		Middle	1 960.00	45.17	32.85
		High	1 975.00	45.08	32.18
	16QAM	Low	1 945.00	45.19	33.05
		Middle	1 960.00	45.15	32.72
		High	1 975.00	45.13	32.59
	64QAM	Low	1 945.00	45.18	32.96
		Middle	1 960.00	45.14	32.69
		High	1 975.00	45.18	32.97
	256QAM	Low	1 945.00	45.18	32.93
		Middle	1 960.00	45.19	33.02
		High	1 975.00	45.17	32.91
1	QPSK	Low	1 945.00	45.26	33.55
		Middle	1 960.00	45.26	33.59
		High	1 975.00	45.22	33.28
	16QAM	Low	1 945.00	45.30	33.86
		Middle	1 960.00	45.28	33.72
		High	1 975.00	45.22	33.25
	64QAM	Low	1 945.00	45.27	33.67
		Middle	1 960.00	45.30	33.85
		High	1 975.00	45.29	33.82
	256QAM	Low	1 945.00	45.23	33.37
		Middle	1 960.00	45.33	34.13
		High	1 975.00	45.27	33.68

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.42	34.80
		Middle	1 960.00	45.40	34.71
		High	1 975.00	45.33	34.08
	16QAM	Low	1 945.00	45.39	34.57
		Middle	1 960.00	45.40	34.67
		High	1 975.00	45.42	34.82
	64QAM	Low	1 945.00	45.41	34.78
		Middle	1 960.00	45.43	34.89
		High	1 975.00	45.37	34.47
	256QAM	Low	1 945.00	45.34	34.20
		Middle	1 960.00	45.40	34.70
		High	1 975.00	45.41	34.75
3	QPSK	Low	1 945.00	45.29	33.81
		Middle	1 960.00	45.20	33.14
		High	1 975.00	45.13	32.61
	16QAM	Low	1 945.00	45.29	33.84
		Middle	1 960.00	45.21	33.16
		High	1 975.00	45.20	33.12
	64QAM	Low	1 945.00	45.23	33.37
		Middle	1 960.00	45.24	33.41
		High	1 975.00	45.22	33.30
	256QAM	Low	1 945.00	45.26	33.60
		Middle	1 960.00	45.22	33.25
		High	1 975.00	45.23	33.37

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	135.47	135.32	134.77	134.09
1 960.00	134.29	134.27	134.84	135.10
1 975.00	132.15	133.78	134.55	134.70

**(4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	45.12	32.49
		Middle	1 960.00	45.02	31.81
		High	1 975.00	45.05	31.95
	16QAM	Low	1 945.00	45.15	32.76
		Middle	1 960.00	45.05	31.98
		High	1 975.00	45.05	32.00
	64QAM	Low	1 945.00	45.21	33.20
		Middle	1 960.00	45.05	31.98
		High	1 975.00	45.03	31.86
	256QAM	Low	1 945.00	45.22	33.24
		Middle	1 960.00	45.10	32.33
		High	1 975.00	45.12	32.55
1	QPSK	Low	1 945.00	45.18	32.92
		Middle	1 960.00	45.12	32.52
		High	1 975.00	45.10	32.37
	16QAM	Low	1 945.00	45.17	32.92
		Middle	1 960.00	45.10	32.36
		High	1 975.00	45.18	32.95
	64QAM	Low	1 945.00	45.21	33.23
		Middle	1 960.00	45.16	32.78
		High	1 975.00	45.19	33.05
	256QAM	Low	1 945.00	45.23	33.36
		Middle	1 960.00	45.19	33.03
		High	1 975.00	45.25	33.47

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.33	34.14
		Middle	1 960.00	45.21	33.19
		High	1 975.00	45.23	33.37
	16QAM	Low	1 945.00	45.38	34.54
		Middle	1 960.00	45.31	33.95
		High	1 975.00	45.29	33.78
	64QAM	Low	1 945.00	45.34	34.17
		Middle	1 960.00	45.23	33.37
		High	1 975.00	45.26	33.59
	256QAM	Low	1 945.00	45.34	34.17
		Middle	1 960.00	45.24	33.44
		High	1 975.00	45.37	34.43
3	QPSK	Low	1 945.00	45.18	32.95
		Middle	1 960.00	45.10	32.37
		High	1 975.00	45.05	32.01
	16QAM	Low	1 945.00	45.25	33.48
		Middle	1 960.00	45.08	32.20
		High	1 975.00	45.13	32.58
	64QAM	Low	1 945.00	45.27	33.67
		Middle	1 960.00	45.08	32.20
		High	1 975.00	45.11	32.46
	256QAM	Low	1 945.00	45.27	33.64
		Middle	1 960.00	45.12	32.52
		High	1 975.00	45.15	32.74

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	132.51	133.69	134.27	134.41
1 960.00	129.89	130.48	130.32	131.32
1 975.00	129.70	131.31	130.97	133.20



**(4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.78	60.01
		Middle	2 145.00	47.87	61.25
		High	2 172.50	47.94	62.19
	16QAM	Low	2 117.50	47.93	62.03
		Middle	2 145.00	47.82	60.59
		High	2 172.50	47.96	62.52
	64QAM	Low	2 117.50	47.98	62.76
		Middle	2 145.00	47.89	61.57
		High	2 172.50	47.90	61.69
	256QAM	Low	2 117.50	47.95	62.33
		Middle	2 145.00	47.85	61.00
		High	2 172.50	47.79	60.12
1	QPSK	Low	2 117.50	47.99	62.97
		Middle	2 145.00	47.86	61.08
		High	2 172.50	47.88	61.40
	16QAM	Low	2 117.50	48.03	63.58
		Middle	2 145.00	47.87	61.18
		High	2 172.50	47.89	61.48
	64QAM	Low	2 117.50	47.99	62.95
		Middle	2 145.00	47.87	61.24
		High	2 172.50	47.81	60.38
	256QAM	Low	2 117.50	47.94	62.17
		Middle	2 145.00	47.89	61.59
		High	2 172.50	47.73	59.32

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	48.00	63.10
		Middle	2 145.00	47.91	61.84
		High	2 172.50	47.80	60.30
	16QAM	Low	2 117.50	48.08	64.33
		Middle	2 145.00	47.86	61.16
		High	2 172.50	47.84	60.81
	64QAM	Low	2 117.50	48.03	63.49
		Middle	2 145.00	47.95	62.36
		High	2 172.50	47.92	61.99
	256QAM	Low	2 117.50	48.07	64.11
		Middle	2 145.00	47.94	62.20
		High	2 172.50	47.78	60.05
3	QPSK	Low	2 117.50	48.00	63.05
		Middle	2 145.00	47.94	62.29
		High	2 172.50	48.04	63.71
	16QAM	Low	2 117.50	48.04	63.75
		Middle	2 145.00	47.91	61.83
		High	2 172.50	48.02	63.36
	64QAM	Low	2 117.50	48.06	63.93
		Middle	2 145.00	47.89	61.56
		High	2 172.50	48.13	65.03
	256QAM	Low	2 117.50	48.08	64.34
		Middle	2 145.00	47.93	62.10
		High	2 172.50	48.08	64.21

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	249.12	253.69	253.13	252.95
2 145.00	246.46	244.76	246.73	246.89
2 172.50	247.60	248.16	249.08	243.70

**(4 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.41	55.08
		Middle	2 145.00	47.59	57.36
		High	2 160.00	47.69	58.79
	16QAM	Low	2 130.00	47.48	55.96
		Middle	2 145.00	47.57	57.11
		High	2 160.00	47.65	58.17
	64QAM	Low	2 130.00	47.54	56.72
		Middle	2 145.00	47.58	57.29
		High	2 160.00	47.67	58.49
	256QAM	Low	2 130.00	47.55	56.86
		Middle	2 145.00	47.63	57.92
		High	2 160.00	47.64	58.13
1	QPSK	Low	2 130.00	47.66	58.33
		Middle	2 145.00	47.78	60.05
		High	2 160.00	47.79	60.09
	16QAM	Low	2 130.00	47.70	58.93
		Middle	2 145.00	47.76	59.76
		High	2 160.00	47.78	59.97
	64QAM	Low	2 130.00	47.72	59.14
		Middle	2 145.00	47.78	59.99
		High	2 160.00	47.82	60.59
	256QAM	Low	2 130.00	47.73	59.32
		Middle	2 145.00	47.81	60.35
		High	2 160.00	47.79	60.19

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.54	56.82
		Middle	2 145.00	47.64	58.02
		High	2 160.00	47.52	56.53
	16QAM	Low	2 130.00	47.63	57.96
		Middle	2 145.00	47.61	57.69
		High	2 160.00	47.56	56.99
	64QAM	Low	2 130.00	47.60	57.54
		Middle	2 145.00	47.63	58.00
		High	2 160.00	47.58	57.33
	256QAM	Low	2 130.00	47.65	58.18
		Middle	2 145.00	47.64	58.02
		High	2 160.00	47.59	57.37
3	QPSK	Low	2 130.00	47.52	56.55
		Middle	2 145.00	47.60	57.61
		High	2 160.00	47.60	57.60
	16QAM	Low	2 130.00	47.60	57.54
		Middle	2 145.00	47.59	57.44
		High	2 160.00	47.61	57.73
	64QAM	Low	2 130.00	47.63	57.89
		Middle	2 145.00	47.58	57.27
		High	2 160.00	47.69	58.68
	256QAM	Low	2 130.00	47.63	57.93
		Middle	2 145.00	47.56	57.00
		High	2 160.00	47.62	57.78

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	226.78	230.39	231.29	232.29
2 145.00	233.04	231.99	232.55	233.30
2 160.00	233.01	232.86	235.10	233.47

**(4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.23	52.78
		Middle	2 145.00	47.44	55.42
		High	2 170.00	47.56	56.96
	16QAM	Low	2 120.00	47.44	55.44
		Middle	2 145.00	47.51	56.31
		High	2 170.00	47.59	57.35
	64QAM	Low	2 120.00	47.46	55.67
		Middle	2 145.00	47.47	55.81
		High	2 170.00	47.63	57.90
	256QAM	Low	2 120.00	47.44	55.44
		Middle	2 145.00	47.48	56.03
		High	2 170.00	47.62	57.76
1	QPSK	Low	2 120.00	47.53	56.60
		Middle	2 145.00	47.65	58.21
		High	2 170.00	47.81	60.44
	16QAM	Low	2 120.00	47.61	57.61
		Middle	2 145.00	47.76	59.69
		High	2 170.00	47.80	60.19
	64QAM	Low	2 120.00	47.70	58.93
		Middle	2 145.00	47.66	58.33
		High	2 170.00	47.84	60.76
	256QAM	Low	2 120.00	47.63	57.96
		Middle	2 145.00	47.72	59.13
		High	2 170.00	47.79	60.17

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.51	56.34
		Middle	2 145.00	47.54	56.82
		High	2 170.00	47.47	55.90
	16QAM	Low	2 120.00	47.55	56.92
		Middle	2 145.00	47.57	57.20
		High	2 170.00	47.45	55.59
	64QAM	Low	2 120.00	47.62	57.78
		Middle	2 145.00	47.59	57.37
		High	2 170.00	47.52	56.44
	256QAM	Low	2 120.00	47.63	57.97
		Middle	2 145.00	47.61	57.65
		High	2 170.00	47.48	55.92
3	QPSK	Low	2 120.00	47.38	54.70
		Middle	2 145.00	47.44	55.48
		High	2 170.00	47.55	56.89
	16QAM	Low	2 120.00	47.45	55.55
		Middle	2 145.00	47.43	55.37
		High	2 170.00	47.53	56.65
	64QAM	Low	2 120.00	47.52	56.52
		Middle	2 145.00	47.43	55.37
		High	2 170.00	47.54	56.69
	256QAM	Low	2 120.00	47.55	56.91
		Middle	2 145.00	47.45	55.64
		High	2 170.00	47.59	57.39

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	220.42	225.52	228.90	228.27
2 145.00	225.93	228.58	226.88	228.45
2 170.00	230.18	229.77	231.79	231.24

**(4 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.42	55.22
		Middle	2 145.00	47.44	55.48
		High	2 160.00	47.54	56.73
	16QAM	Low	2 130.00	47.50	56.18
		Middle	2 145.00	47.50	56.30
		High	2 160.00	47.59	57.44
	64QAM	Low	2 130.00	47.53	56.56
		Middle	2 145.00	47.57	57.16
		High	2 160.00	47.58	57.32
	256QAM	Low	2 130.00	47.53	56.65
		Middle	2 145.00	47.53	56.58
		High	2 160.00	47.60	57.53
1	QPSK	Low	2 130.00	47.65	58.20
		Middle	2 145.00	47.70	58.82
		High	2 160.00	47.72	59.10
	16QAM	Low	2 130.00	47.73	59.22
		Middle	2 145.00	47.73	59.33
		High	2 160.00	47.75	59.54
	64QAM	Low	2 130.00	47.75	59.57
		Middle	2 145.00	47.81	60.41
		High	2 160.00	47.76	59.69
	256QAM	Low	2 130.00	47.75	59.50
		Middle	2 145.00	47.72	59.17
		High	2 160.00	47.73	59.33

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.51	56.42
		Middle	2 145.00	47.55	56.89
		High	2 160.00	47.45	55.56
	16QAM	Low	2 130.00	47.62	57.77
		Middle	2 145.00	47.64	58.08
		High	2 160.00	47.54	56.70
	64QAM	Low	2 130.00	47.60	57.56
		Middle	2 145.00	47.62	57.78
		High	2 160.00	47.53	56.60
	256QAM	Low	2 130.00	47.63	57.92
		Middle	2 145.00	47.57	57.20
		High	2 160.00	47.53	56.68
3	QPSK	Low	2 130.00	47.41	55.11
		Middle	2 145.00	47.44	55.44
		High	2 160.00	47.45	55.60
	16QAM	Low	2 130.00	47.49	56.14
		Middle	2 145.00	47.51	56.39
		High	2 160.00	47.50	56.26
	64QAM	Low	2 130.00	47.53	56.68
		Middle	2 145.00	47.49	56.07
		High	2 160.00	47.52	56.44
	256QAM	Low	2 130.00	47.54	56.73
		Middle	2 145.00	47.48	55.96
		High	2 160.00	47.51	56.43

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	224.94	229.32	230.36	230.79
2 145.00	226.61	230.10	231.42	228.92
2 160.00	227.00	229.94	230.05	229.97



**(4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 125.00	47.59	57.44
		Middle	2 145.00	47.59	57.39
		High	2 165.00	47.63	57.90
	16QAM	Low	2 125.00	47.68	58.59
		Middle	2 145.00	47.73	59.24
		High	2 165.00	47.74	59.42
	64QAM	Low	2 125.00	47.66	58.38
		Middle	2 145.00	47.67	58.53
		High	2 165.00	47.74	59.44
	256QAM	Low	2 125.00	47.58	57.33
		Middle	2 145.00	47.71	59.03
		High	2 165.00	47.75	59.54
1	QPSK	Low	2 125.00	47.69	58.72
		Middle	2 145.00	47.70	58.83
		High	2 165.00	47.74	59.43
	16QAM	Low	2 125.00	47.74	59.43
		Middle	2 145.00	47.66	58.38
		High	2 165.00	47.78	59.98
	64QAM	Low	2 125.00	47.67	58.53
		Middle	2 145.00	47.67	58.48
		High	2 165.00	47.77	59.77
	256QAM	Low	2 125.00	47.65	58.25
		Middle	2 145.00	47.72	59.16
		High	2 165.00	47.70	58.84

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 125.00	47.71	59.01
		Middle	2 145.00	47.62	57.80
		High	2 165.00	47.52	56.45
	16QAM	Low	2 125.00	47.76	59.74
		Middle	2 145.00	47.71	59.06
		High	2 165.00	47.54	56.81
	64QAM	Low	2 125.00	47.68	58.63
		Middle	2 145.00	47.69	58.76
		High	2 165.00	47.57	57.12
	256QAM	Low	2 125.00	47.64	58.02
		Middle	2 145.00	47.67	58.45
		High	2 165.00	47.59	57.45
3	QPSK	Low	2 125.00	47.68	58.60
		Middle	2 145.00	47.64	58.09
		High	2 165.00	47.65	58.26
	16QAM	Low	2 125.00	47.72	59.14
		Middle	2 145.00	47.73	59.27
		High	2 165.00	47.70	58.93
	64QAM	Low	2 125.00	47.68	58.57
		Middle	2 145.00	47.72	59.10
		High	2 165.00	47.70	58.87
	256QAM	Low	2 125.00	47.65	58.20
		Middle	2 145.00	47.68	58.68
		High	2 165.00	47.69	58.80

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 125.00	233.77	236.90	234.12	231.80
2 145.00	232.10	235.95	234.88	235.32
2 165.00	232.05	235.13	235.21	234.64

**(4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.41	55.03
		Middle	2 145.00	47.51	56.40
		High	2 160.00	47.52	56.52
	16QAM	Low	2 130.00	47.50	56.26
		Middle	2 145.00	47.50	56.23
		High	2 160.00	47.60	57.61
	64QAM	Low	2 130.00	47.51	56.38
		Middle	2 145.00	47.45	55.63
		High	2 160.00	47.59	57.36
	256QAM	Low	2 130.00	47.49	56.05
		Middle	2 145.00	47.46	55.71
		High	2 160.00	47.60	57.48
1	QPSK	Low	2 130.00	47.50	56.20
		Middle	2 145.00	47.54	56.75
		High	2 160.00	47.54	56.73
	16QAM	Low	2 130.00	47.53	56.65
		Middle	2 145.00	47.54	56.81
		High	2 160.00	47.60	57.57
	64QAM	Low	2 130.00	47.59	57.42
		Middle	2 145.00	47.50	56.25
		High	2 160.00	47.60	57.57
	256QAM	Low	2 130.00	47.51	56.36
		Middle	2 145.00	47.54	56.72
		High	2 160.00	47.64	58.04

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.46	55.68
		Middle	2 145.00	47.59	57.46
		High	2 160.00	47.44	55.44
	16QAM	Low	2 130.00	47.54	56.79
		Middle	2 145.00	47.54	56.73
		High	2 160.00	47.49	56.04
	64QAM	Low	2 130.00	47.57	57.21
		Middle	2 145.00	47.49	56.13
		High	2 160.00	47.47	55.89
	256QAM	Low	2 130.00	47.54	56.72
		Middle	2 145.00	47.50	56.23
		High	2 160.00	47.51	56.34
3	QPSK	Low	2 130.00	47.47	55.81
		Middle	2 145.00	47.54	56.74
		High	2 160.00	47.55	56.86
	16QAM	Low	2 130.00	47.58	57.29
		Middle	2 145.00	47.53	56.65
		High	2 160.00	47.54	56.70
	64QAM	Low	2 130.00	47.56	57.00
		Middle	2 145.00	47.47	55.80
		High	2 160.00	47.57	57.19
	256QAM	Low	2 130.00	47.53	56.64
		Middle	2 145.00	47.47	55.87
		High	2 160.00	47.59	57.37

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	222.71	227.00	228.02	225.77
2 145.00	227.36	226.42	223.80	224.53
2 160.00	225.54	227.92	228.00	229.22

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.50	56.26
		Middle	2 145.00	47.55	56.83
		High	2 170.00	47.55	56.87
	16QAM	Low	2 120.00	47.64	58.08
		Middle	2 145.00	47.60	57.56
		High	2 170.00	47.64	58.09
	64QAM	Low	2 120.00	47.61	57.62
		Middle	2 145.00	47.64	58.06
		High	2 170.00	47.64	58.02
	256QAM	Low	2 120.00	47.64	58.02
		Middle	2 145.00	47.65	58.14
		High	2 170.00	47.58	57.32
1	QPSK	Low	2 120.00	47.74	59.46
		Middle	2 145.00	47.72	59.18
		High	2 170.00	47.76	59.77
	16QAM	Low	2 120.00	47.80	60.28
		Middle	2 145.00	47.80	60.31
		High	2 170.00	47.80	60.21
	64QAM	Low	2 120.00	47.82	60.53
		Middle	2 145.00	47.85	60.98
		High	2 170.00	47.84	60.77
	256QAM	Low	2 120.00	47.81	60.33
		Middle	2 145.00	47.81	60.39
		High	2 170.00	47.78	60.01

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.73	59.35
		Middle	2 145.00	47.64	58.04
		High	2 170.00	47.52	56.49
	16QAM	Low	2 120.00	47.81	60.39
		Middle	2 145.00	47.68	58.60
		High	2 170.00	47.59	57.40
	64QAM	Low	2 120.00	47.82	60.53
		Middle	2 145.00	47.75	59.55
		High	2 170.00	47.52	56.53
	256QAM	Low	2 120.00	47.80	60.21
		Middle	2 145.00	47.72	59.10
		High	2 170.00	47.56	57.04
3	QPSK	Low	2 120.00	47.69	58.74
		Middle	2 145.00	47.55	56.90
		High	2 170.00	47.60	57.56
	16QAM	Low	2 120.00	47.72	59.14
		Middle	2 145.00	47.61	57.66
		High	2 170.00	47.65	58.16
	64QAM	Low	2 120.00	47.72	59.10
		Middle	2 145.00	47.61	57.65
		High	2 170.00	47.62	57.80
	256QAM	Low	2 120.00	47.72	59.20
		Middle	2 145.00	47.61	57.72
		High	2 170.00	47.63	57.92

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	233.80	237.90	237.79	237.76
2 145.00	230.95	234.13	236.25	235.36
2 170.00	230.70	233.86	233.12	232.28

(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
 [4 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.32	53.90
		Middle	2 145.00	47.43	55.34
		High	2 160.00	47.31	53.85
	16QAM	Low	2 130.00	47.40	54.92
		Middle	2 145.00	47.53	56.65
		High	2 160.00	47.62	57.78
	64QAM	Low	2 130.00	47.45	55.55
		Middle	2 145.00	47.51	56.30
		High	2 160.00	47.58	57.35
	256QAM	Low	2 130.00	47.45	55.53
		Middle	2 145.00	47.47	55.82
		High	2 160.00	47.62	57.74
1	QPSK	Low	2 130.00	47.61	57.73
		Middle	2 145.00	47.67	58.41
		High	2 160.00	47.73	59.35
	16QAM	Low	2 130.00	47.62	57.80
		Middle	2 145.00	47.69	58.78
		High	2 160.00	47.77	59.85
	64QAM	Low	2 130.00	47.68	58.55
		Middle	2 145.00	47.73	59.33
		High	2 160.00	47.76	59.66
	256QAM	Low	2 130.00	47.65	58.24
		Middle	2 145.00	47.69	58.76
		High	2 160.00	47.79	60.12

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.53	56.66
		Middle	2 145.00	47.60	57.58
		High	2 160.00	47.48	55.95
	16QAM	Low	2 130.00	47.63	57.89
		Middle	2 145.00	47.63	57.98
		High	2 160.00	47.54	56.69
	64QAM	Low	2 130.00	47.59	57.41
		Middle	2 145.00	47.63	57.94
		High	2 160.00	47.53	56.60
	256QAM	Low	2 130.00	47.60	57.50
		Middle	2 145.00	47.47	55.80
		High	2 160.00	47.57	57.17
3	QPSK	Low	2 130.00	47.40	54.92
		Middle	2 145.00	47.45	55.59
		High	2 160.00	47.51	56.42
	16QAM	Low	2 130.00	47.45	55.64
		Middle	2 145.00	47.46	55.77
		High	2 160.00	47.54	56.70
	64QAM	Low	2 130.00	47.47	55.81
		Middle	2 145.00	47.50	56.25
		High	2 160.00	47.53	56.69
	256QAM	Low	2 130.00	47.48	56.00
		Middle	2 145.00	47.40	54.98
		High	2 160.00	47.58	57.21

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	223.21	226.24	227.32	227.27
2 145.00	226.92	229.18	229.82	225.36
2 160.00	225.56	231.03	230.29	232.25



**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
[4 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 122.50	47.47	55.86
		Middle	2 145.00	47.51	56.30
		High	2 167.50	47.58	57.31
	16QAM	Low	2 122.50	47.52	56.48
		Middle	2 145.00	47.61	57.74
		High	2 167.50	47.66	58.29
	64QAM	Low	2 122.50	47.59	57.45
		Middle	2 145.00	47.61	57.64
		High	2 167.50	47.67	58.48
	256QAM	Low	2 122.50	47.62	57.84
		Middle	2 145.00	47.63	57.88
		High	2 167.50	47.71	59.01
1	QPSK	Low	2 122.50	47.70	58.93
		Middle	2 145.00	47.74	59.40
		High	2 167.50	47.82	60.53
	16QAM	Low	2 122.50	47.78	60.02
		Middle	2 145.00	47.76	59.69
		High	2 167.50	47.87	61.28
	64QAM	Low	2 122.50	47.78	59.98
		Middle	2 145.00	47.77	59.85
		High	2 167.50	47.84	60.84
	256QAM	Low	2 122.50	47.80	60.30
		Middle	2 145.00	47.79	60.06
		High	2 167.50	47.85	61.00

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 122.50	47.68	58.61
		Middle	2 145.00	47.61	57.68
		High	2 167.50	47.53	56.57
	16QAM	Low	2 122.50	47.75	59.53
		Middle	2 145.00	47.66	58.38
		High	2 167.50	47.57	57.13
	64QAM	Low	2 122.50	47.75	59.61
		Middle	2 145.00	47.66	58.36
		High	2 167.50	47.58	57.27
	256QAM	Low	2 122.50	47.77	59.81
		Middle	2 145.00	47.66	58.30
		High	2 167.50	47.56	57.04
3	QPSK	Low	2 122.50	47.60	57.58
		Middle	2 145.00	47.50	56.23
		High	2 167.50	47.56	57.06
	16QAM	Low	2 122.50	47.58	57.28
		Middle	2 145.00	47.51	56.42
		High	2 167.50	47.61	57.64
	64QAM	Low	2 122.50	47.62	57.78
		Middle	2 145.00	47.52	56.52
		High	2 167.50	47.63	57.97
	256QAM	Low	2 122.50	47.66	58.30
		Middle	2 145.00	47.54	56.75
		High	2 167.50	47.58	57.35

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 122.50	230.98	233.31	234.82	236.25
2 145.00	229.61	232.23	232.37	233.00
2 167.50	231.47	234.34	234.56	234.39

(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier  
 [4 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.50	56.21
		Middle	2 145.00	47.22	52.72
		High	2 160.00	47.39	54.84
	16QAM	Low	2 130.00	47.31	53.86
		Middle	2 145.00	47.36	54.50
		High	2 160.00	47.36	54.43
	64QAM	Low	2 130.00	47.32	53.99
		Middle	2 145.00	47.36	54.50
		High	2 160.00	47.43	55.37
	256QAM	Low	2 130.00	47.33	54.06
		Middle	2 145.00	47.37	54.60
		High	2 160.00	47.43	55.32
1	QPSK	Low	2 130.00	47.45	55.62
		Middle	2 145.00	47.53	56.57
		High	2 160.00	47.59	57.37
	16QAM	Low	2 130.00	47.53	56.66
		Middle	2 145.00	47.56	57.08
		High	2 160.00	47.53	56.60
	64QAM	Low	2 130.00	47.51	56.34
		Middle	2 145.00	47.62	57.84
		High	2 160.00	47.58	57.23
	256QAM	Low	2 130.00	47.52	56.52
		Middle	2 145.00	47.56	56.96
		High	2 160.00	47.58	57.27

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.36	54.40
		Middle	2 145.00	47.36	54.48
		High	2 160.00	47.28	53.48
	16QAM	Low	2 130.00	47.38	54.73
		Middle	2 145.00	47.40	54.94
		High	2 160.00	47.36	54.46
	64QAM	Low	2 130.00	47.42	55.25
		Middle	2 145.00	47.45	55.54
		High	2 160.00	47.31	53.84
	256QAM	Low	2 130.00	47.41	55.14
		Middle	2 145.00	47.42	55.21
		High	2 160.00	47.35	54.31
3	QPSK	Low	2 130.00	47.24	53.02
		Middle	2 145.00	47.26	53.26
		High	2 160.00	47.28	53.51
	16QAM	Low	2 130.00	47.26	53.24
		Middle	2 145.00	47.28	53.44
		High	2 160.00	47.27	53.38
	64QAM	Low	2 130.00	47.34	54.18
		Middle	2 145.00	47.36	54.40
		High	2 160.00	47.33	54.04
	256QAM	Low	2 130.00	47.28	53.51
		Middle	2 145.00	47.30	53.74
		High	2 160.00	47.32	53.91

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	219.24	218.49	219.75	219.23
2 145.00	217.03	219.97	222.28	220.51
2 160.00	219.20	218.87	220.48	220.82

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 125.00	47.53	56.68
		Middle	2 145.00	47.48	56.00
		High	2 165.00	47.49	56.04
	16QAM	Low	2 125.00	47.46	55.77
		Middle	2 145.00	47.38	54.65
		High	2 165.00	47.47	55.90
	64QAM	Low	2 125.00	47.40	54.90
		Middle	2 145.00	47.39	54.76
		High	2 165.00	47.53	56.57
	256QAM	Low	2 125.00	47.48	55.96
		Middle	2 145.00	47.57	57.15
		High	2 165.00	47.52	56.53
1	QPSK	Low	2 125.00	47.62	57.81
		Middle	2 145.00	47.76	59.63
		High	2 165.00	47.73	59.22
	16QAM	Low	2 125.00	47.59	57.44
		Middle	2 145.00	47.64	58.04
		High	2 165.00	47.65	58.18
	64QAM	Low	2 125.00	47.61	57.64
		Middle	2 145.00	47.66	58.33
		High	2 165.00	47.73	59.29
	256QAM	Low	2 125.00	47.72	59.16
		Middle	2 145.00	47.79	60.16
		High	2 165.00	47.81	60.39

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 125.00	47.66	58.41
		Middle	2 145.00	47.55	56.83
		High	2 165.00	47.41	55.12
	16QAM	Low	2 125.00	47.60	57.52
		Middle	2 145.00	47.51	56.43
		High	2 165.00	47.46	55.72
	64QAM	Low	2 125.00	47.59	57.36
		Middle	2 145.00	47.50	56.22
		High	2 165.00	47.46	55.73
	256QAM	Low	2 125.00	47.68	58.61
		Middle	2 145.00	47.62	57.85
		High	2 165.00	47.52	56.52
3	QPSK	Low	2 125.00	47.53	56.57
		Middle	2 145.00	47.55	56.87
		High	2 165.00	47.45	55.63
	16QAM	Low	2 125.00	47.42	55.18
		Middle	2 145.00	47.33	54.11
		High	2 165.00	47.47	55.87
	64QAM	Low	2 125.00	47.50	56.18
		Middle	2 145.00	47.44	55.46
		High	2 165.00	47.51	56.40
	256QAM	Low	2 125.00	47.58	57.29
		Middle	2 145.00	47.51	56.34
		High	2 165.00	47.56	56.96

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 125.00	229.47	225.91	226.08	231.03
2 145.00	229.34	223.23	224.78	231.49
2 165.00	226.01	225.67	228.00	230.41

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.47	55.90
		Middle	2 145.00	47.31	53.79
		High	2 160.00	47.47	55.87
	16QAM	Low	2 130.00	47.37	54.56
		Middle	2 145.00	47.34	54.14
		High	2 160.00	47.44	55.50
	64QAM	Low	2 130.00	47.35	54.31
		Middle	2 145.00	47.34	54.21
		High	2 160.00	47.51	56.30
	256QAM	Low	2 130.00	47.41	55.07
		Middle	2 145.00	47.40	54.98
		High	2 160.00	47.52	56.45
1	QPSK	Low	2 130.00	47.62	57.80
		Middle	2 145.00	47.53	56.66
		High	2 160.00	47.62	57.74
	16QAM	Low	2 130.00	47.56	57.00
		Middle	2 145.00	47.55	56.87
		High	2 160.00	47.61	57.64
	64QAM	Low	2 130.00	47.56	56.99
		Middle	2 145.00	47.54	56.72
		High	2 160.00	47.65	58.25
	256QAM	Low	2 130.00	47.64	58.06
		Middle	2 145.00	47.61	57.66
		High	2 160.00	47.72	59.14

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.58	57.21
		Middle	2 145.00	47.40	54.92
		High	2 160.00	47.44	55.49
	16QAM	Low	2 130.00	47.47	55.83
		Middle	2 145.00	47.39	54.78
		High	2 160.00	47.44	55.51
	64QAM	Low	2 130.00	47.46	55.76
		Middle	2 145.00	47.44	55.46
		High	2 160.00	47.43	55.30
	256QAM	Low	2 130.00	47.48	56.00
		Middle	2 145.00	47.49	56.09
		High	2 160.00	47.45	55.63
3	QPSK	Low	2 130.00	47.47	55.83
		Middle	2 145.00	47.35	54.36
		High	2 160.00	47.44	55.49
	16QAM	Low	2 130.00	47.45	55.53
		Middle	2 145.00	47.32	54.00
		High	2 160.00	47.46	55.76
	64QAM	Low	2 130.00	47.39	54.80
		Middle	2 145.00	47.35	54.39
		High	2 160.00	47.50	56.23
	256QAM	Low	2 130.00	47.47	55.83
		Middle	2 145.00	47.40	54.97
		High	2 160.00	47.50	56.20

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	226.74	222.93	221.86	224.97
2 145.00	219.73	219.79	220.78	223.70
2 160.00	224.59	224.41	226.08	227.42



**Tabular Data of RF Non-Contiguous output power**
**(2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier]**

Ant.	Mod	DSS B2 10 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	44.13	1 985.00	43.89	47.02	50.37
	16QAM	1 935.00	44.22	1 985.00	43.96	47.10	51.30
	64QAM	1 935.00	44.22	1 985.00	43.93	47.09	51.11
	256QAM	1 935.00	44.26	1 985.00	43.93	47.11	51.40
1	QPSK	1 935.00	44.06	1 985.00	44.22	47.15	51.88
	16QAM	1 935.00	44.00	1 985.00	44.32	47.17	52.15
	64QAM	1 935.00	43.98	1 985.00	44.24	47.12	51.50
	256QAM	1 935.00	44.09	1 985.00	44.33	47.22	52.75

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 985.00	102.25	103.46	102.62	104.15

**(2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	LTE B2 5 MHz		5G NR n2 5 MHz + DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	41.31	1 982.50	45.84	47.15	51.87
	16QAM	1 932.50	41.32	1 982.50	45.82	47.14	51.71
	64QAM	1 932.50	41.33	1 982.50	45.82	47.14	51.80
	256QAM	1 932.50	41.36	1 982.50	45.83	47.16	51.98
1	QPSK	1 932.50	41.11	1 982.50	46.08	47.28	53.48
	16QAM	1 932.50	41.06	1 982.50	46.17	47.34	54.22
	64QAM	1 932.50	41.09	1 982.50	46.11	47.30	53.73
	256QAM	1 932.50	41.06	1 982.50	46.10	47.29	53.55

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 982.50	105.35	105.94	105.54	105.54

**(2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	LTE B2 5 MHz + 5G NR n2 5 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	44.34	1 985.00	43.91	47.14	51.74
	16QAM	1 935.00	44.35	1 985.00	43.98	47.18	52.26
	64QAM	1 935.00	44.34	1 985.00	43.94	47.16	51.95
	256QAM	1 935.00	44.35	1 985.00	43.97	47.17	52.18
1	QPSK	1 935.00	44.19	1 985.00	44.26	47.24	52.94
	16QAM	1 935.00	44.19	1 985.00	44.30	47.26	53.15
	64QAM	1 935.00	44.16	1 985.00	44.22	47.20	52.49
	256QAM	1 935.00	44.14	1 985.00	44.29	47.22	52.74

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 985.00	104.69	105.41	104.45	104.93

**(2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	LTE B2 5 MHz		5G NR n2 5 MHz + DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	39.51	1 977.50	46.07	46.94	49.43
	16QAM	1 932.50	39.51	1 977.50	46.07	46.93	49.37
	64QAM	1 932.50	39.56	1 977.50	46.10	46.97	49.76
	256QAM	1 932.50	39.56	1 977.50	46.09	46.96	49.72
1	QPSK	1 932.50	39.21	1 977.50	46.32	47.09	51.19
	16QAM	1 932.50	39.33	1 977.50	46.30	47.10	51.26
	64QAM	1 932.50	39.35	1 977.50	46.31	47.11	51.38
	256QAM	1 932.50	39.34	1 977.50	46.34	47.13	51.69

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 977.50	100.63	100.64	101.15	101.41

**(2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	LTE B2 5 MHz + 5G NR n2 5 MHz		DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.36	1 980.00	45.10	46.95	49.60
	16QAM	1 935.00	42.46	1 980.00	45.18	47.04	50.60
	64QAM	1 935.00	42.39	1 980.00	45.09	46.96	49.61
	256QAM	1 935.00	42.44	1 980.00	45.07	46.96	49.69
1	QPSK	1 935.00	42.23	1 980.00	45.28	47.03	50.45
	16QAM	1 935.00	42.29	1 980.00	45.31	47.07	50.91
	64QAM	1 935.00	42.27	1 980.00	45.31	47.06	50.79
	256QAM	1 935.00	42.24	1 980.00	45.26	47.02	50.33

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	100.06	101.52	100.40	100.02

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + 5G NR n2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	42.55	1 985.00	45.34	47.17	52.17
	16QAM	1 932.50	42.60	1 985.00	45.36	47.20	52.54
	64QAM	1 932.50	42.55	1 985.00	45.39	47.21	52.59
	256QAM	1 932.50	42.65	1 985.00	45.40	47.25	53.03
1	QPSK	1 932.50	42.39	1 985.00	45.73	47.39	54.79
	16QAM	1 932.50	42.33	1 985.00	45.79	47.40	55.01
	64QAM	1 932.50	42.39	1 985.00	45.70	47.36	54.51
	256QAM	1 932.50	42.27	1 985.00	45.66	47.30	53.69

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 985.00	106.97	107.56	107.11	106.74

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		5G NR n2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	45.69	1 987.50	42.31	47.33	54.11
	16QAM	1 935.00	45.62	1 987.50	42.36	47.30	53.69
	64QAM	1 935.00	45.59	1 987.50	42.32	47.27	53.30
	256QAM	1 935.00	45.59	1 987.50	42.33	47.27	53.34
1	QPSK	1 935.00	45.44	1 987.50	42.73	47.30	53.76
	16QAM	1 935.00	45.44	1 987.50	42.70	47.30	53.64
	64QAM	1 935.00	45.31	1 987.50	42.75	47.22	52.76
	256QAM	1 935.00	45.39	1 987.50	42.61	47.23	52.84

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 987.50	107.89	107.34	106.06	106.19

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + 5G NR n2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	39.42	1 977.50	46.12	46.97	49.72
	16QAM	1 932.50	39.39	1 977.50	46.20	47.03	50.42
	64QAM	1 932.50	39.38	1 977.50	46.21	47.03	50.45
	256QAM	1 932.50	39.41	1 977.50	46.16	46.99	50.06
1	QPSK	1 932.50	39.25	1 977.50	46.47	47.22	52.73
	16QAM	1 932.50	39.17	1 977.50	46.43	47.18	52.19
	64QAM	1 932.50	39.23	1 977.50	46.43	47.19	52.36
	256QAM	1 932.50	39.19	1 977.50	46.46	47.20	52.53

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 977.50	102.46	102.62	102.82	102.60

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		5G NR n2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.27	1 980.00	45.07	46.91	49.04
	16QAM	1 935.00	42.28	1 980.00	45.07	46.90	49.02
	64QAM	1 935.00	42.31	1 980.00	45.08	46.92	49.23
	256QAM	1 935.00	42.39	1 980.00	45.10	46.96	49.65
1	QPSK	1 935.00	42.10	1 980.00	45.33	47.02	50.36
	16QAM	1 935.00	42.13	1 980.00	45.38	47.06	50.86
	64QAM	1 935.00	42.23	1 980.00	45.43	47.13	51.61
	256QAM	1 935.00	42.11	1 980.00	45.39	47.07	50.89

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	99.40	99.89	100.85	100.55

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	41.28	1 982.50	45.63	46.99	49.96
	16QAM	1 932.50	41.22	1 982.50	45.72	47.04	50.55
	64QAM	1 932.50	41.37	1 982.50	45.72	47.08	51.03
	256QAM	1 932.50	41.33	1 982.50	45.84	47.16	52.00
1	QPSK	1 932.50	41.00	1 982.50	45.94	47.15	51.86
	16QAM	1 932.50	41.04	1 982.50	45.98	47.19	52.34
	64QAM	1 932.50	41.11	1 982.50	46.02	47.24	52.91
	256QAM	1 932.50	41.16	1 982.50	46.07	47.28	53.50

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 982.50	101.83	102.90	103.94	105.50

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	44.35	1 985.00	43.92	47.15	51.91
	16QAM	1 935.00	44.35	1 985.00	43.93	47.15	51.93
	64QAM	1 935.00	44.36	1 985.00	43.94	47.17	52.08
	256QAM	1 935.00	44.33	1 985.00	43.94	47.15	51.87
1	QPSK	1 935.00	44.15	1 985.00	44.26	47.21	52.65
	16QAM	1 935.00	44.12	1 985.00	44.28	47.21	52.62
	64QAM	1 935.00	44.15	1 985.00	44.24	47.21	52.57
	256QAM	1 935.00	44.14	1 985.00	44.21	47.19	52.35

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 985.00	104.56	104.55	104.66	104.23

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	39.55	1 977.50	46.09	46.96	49.66
	16QAM	1 932.50	39.61	1 977.50	46.05	46.94	49.42
	64QAM	1 932.50	39.55	1 977.50	46.18	47.03	50.51
	256QAM	1 932.50	39.62	1 977.50	46.19	47.06	50.76
1	QPSK	1 932.50	39.32	1 977.50	46.33	47.12	51.53
	16QAM	1 932.50	39.36	1 977.50	46.05	46.89	48.91
	64QAM	1 932.50	39.37	1 977.50	46.38	47.17	52.10
	256QAM	1 932.50	39.43	1 977.50	46.41	47.20	52.47

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 977.50	101.21	98.33	102.62	103.23

**(2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.47	1 980.00	45.02	46.94	49.45
	16QAM	1 935.00	42.44	1 980.00	45.03	46.94	49.38
	64QAM	1 935.00	42.50	1 980.00	45.03	46.95	49.60
	256QAM	1 935.00	42.36	1 980.00	44.84	46.78	47.65
1	QPSK	1 935.00	42.24	1 980.00	45.25	47.01	50.25
	16QAM	1 935.00	42.35	1 980.00	45.34	47.11	51.36
	64QAM	1 935.00	42.30	1 980.00	45.32	47.08	51.00
	256QAM	1 935.00	42.01	1 980.00	45.11	46.84	48.34

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	99.71	100.75	100.61	96.00

**(2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B2 10 MHz		DSS B2 10 MHz + DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.39	1 980.00	45.14	46.99	50.01
	16QAM	1 935.00	42.42	1 980.00	45.21	47.05	50.65
	64QAM	1 935.00	42.45	1 980.00	45.19	47.05	50.67
	256QAM	1 935.00	42.51	1 980.00	45.20	47.07	50.99
1	QPSK	1 935.00	42.20	1 980.00	45.48	47.15	51.88
	16QAM	1 935.00	42.23	1 980.00	45.48	47.16	52.05
	64QAM	1 935.00	42.32	1 980.00	45.49	47.20	52.47
	256QAM	1 935.00	42.27	1 980.00	45.49	47.18	52.25

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	101.89	102.71	103.15	103.24

**(2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B2 10 MHz + DSS B2 10 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 940.00	45.42	1 985.00	42.23	47.12	51.55
	16QAM	1 940.00	45.41	1 985.00	42.17	47.10	51.27
	64QAM	1 940.00	45.42	1 985.00	42.13	47.09	51.12
	256QAM	1 940.00	45.43	1 985.00	42.18	47.11	51.43
1	QPSK	1 940.00	45.04	1 985.00	42.21	46.86	48.54
	16QAM	1 940.00	45.02	1 985.00	42.09	46.81	47.98
	64QAM	1 940.00	45.03	1 985.00	42.23	46.86	48.54
	256QAM	1 940.00	45.05	1 985.00	42.26	46.89	48.83

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00 + 1 985.00	100.09	99.26	99.67	100.27



**(2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n66 5 MHz		5G NR n66 5 MHz + 5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	43.85	2 175.00	46.89	48.64	73.10
	16QAM	2 112.50	43.94	2 175.00	46.93	48.69	74.04
	64QAM	2 112.50	43.91	2 175.00	47.01	48.74	74.85
	256QAM	2 112.50	43.84	2 175.00	46.94	48.68	73.71
1	QPSK	2 112.50	44.05	2 175.00	47.08	48.84	76.50
	16QAM	2 112.50	44.14	2 175.00	47.17	48.93	78.12
	64QAM	2 112.50	44.10	2 175.00	47.15	48.89	77.52
	256QAM	2 112.50	44.18	2 175.00	47.12	48.91	77.76

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 175.00	149.61	152.16	152.38	151.48

**(2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n66 5 MHz + 5G NR n66 5 MHz		5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	46.82	2 177.50	43.81	48.58	72.08
	16QAM	2 115.00	46.71	2 177.50	43.62	48.44	69.90
	64QAM	2 115.00	46.85	2 177.50	43.78	48.59	72.30
	256QAM	2 115.00	47.06	2 177.50	44.08	48.83	76.45
1	QPSK	2 115.00	47.09	2 177.50	44.07	48.85	76.74
	16QAM	2 115.00	47.11	2 177.50	43.99	48.83	76.45
	64QAM	2 115.00	47.17	2 177.50	44.03	48.89	77.43
	256QAM	2 115.00	47.27	2 177.50	44.20	49.02	79.72

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 177.50	148.83	146.35	149.73	156.17

**(2 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n66 10 MHz		5G NR n66 10 MHz + 5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	42.80	2 165.00	47.63	48.86	76.97
	16QAM	2 115.00	42.85	2 165.00	47.71	48.94	78.34
	64QAM	2 115.00	42.88	2 165.00	47.75	48.98	79.03
	256QAM	2 115.00	42.76	2 165.00	47.72	48.92	78.00
1	QPSK	2 115.00	42.93	2 165.00	47.79	49.02	79.74
	16QAM	2 115.00	42.96	2 165.00	47.79	49.02	79.85
	64QAM	2 115.00	42.95	2 165.00	47.83	49.06	80.45
	256QAM	2 115.00	42.92	2 165.00	47.76	48.99	79.22

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 165.00	156.72	158.20	159.49	157.22

**(2 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n66 10 MHz + 5G NR n66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.89	2 170.00	45.96	48.93	78.20
	16QAM	2 120.00	45.88	2 170.00	45.94	48.92	78.02
	64QAM	2 120.00	45.89	2 170.00	46.02	48.97	78.84
	256QAM	2 120.00	45.86	2 170.00	45.97	48.93	78.08
1	QPSK	2 120.00	45.91	2 170.00	46.08	49.00	79.52
	16QAM	2 120.00	45.95	2 170.00	46.02	49.00	79.35
	64QAM	2 120.00	45.92	2 170.00	46.00	48.97	78.93
	256QAM	2 120.00	45.95	2 170.00	45.99	48.98	79.07

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	157.72	157.38	157.78	157.16

**(2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n66 5 MHz		5G NR n66 5 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	42.54	2 172.50	47.24	48.51	70.89
	16QAM	2 112.50	42.65	2 172.50	47.30	48.58	72.12
	64QAM	2 112.50	42.64	2 172.50	47.36	48.62	72.80
	256QAM	2 112.50	42.66	2 172.50	47.38	48.64	73.12
1	QPSK	2 112.50	42.91	2 172.50	47.62	48.88	77.29
	16QAM	2 112.50	42.97	2 172.50	47.55	48.85	76.75
	64QAM	2 112.50	42.93	2 172.50	47.61	48.89	77.37
	256QAM	2 112.50	42.98	2 172.50	47.58	48.88	77.18

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 172.50	148.18	148.88	150.18	150.31

**(2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n66 5 MHz + 5G NR n66 5 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	45.55	2 175.00	45.33	48.46	70.08
	16QAM	2 115.00	45.53	2 175.00	45.34	48.44	69.88
	64QAM	2 115.00	45.63	2 175.00	45.45	48.55	71.57
	256QAM	2 115.00	45.55	2 175.00	45.47	48.52	71.15
1	QPSK	2 115.00	45.91	2 175.00	45.67	48.80	75.84
	16QAM	2 115.00	45.87	2 175.00	45.65	48.77	75.31
	64QAM	2 115.00	45.81	2 175.00	45.67	48.75	74.98
	256QAM	2 115.00	45.90	2 175.00	45.74	48.83	76.39

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 175.00	145.92	145.20	146.55	147.56

**(2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B66 10 MHz		5G NR n66 10 MHz + 5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	42.38	2 165.00	47.39	48.58	72.09
	16QAM	2 115.00	42.46	2 165.00	47.44	48.64	73.07
	64QAM	2 115.00	42.55	2 165.00	47.52	48.72	74.44
	256QAM	2 115.00	42.45	2 165.00	47.48	48.67	73.54
1	QPSK	2 115.00	42.75	2 165.00	47.69	48.90	77.67
	16QAM	2 115.00	42.78	2 165.00	47.73	48.93	78.22
	64QAM	2 115.00	42.80	2 165.00	47.73	48.94	78.30
	256QAM	2 115.00	42.71	2 165.00	47.78	48.96	78.65

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 165.00	149.76	151.31	152.75	152.20

**(2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B66 10 MHz + 5G NR n66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.50	2 170.00	45.64	48.58	72.08
	16QAM	2 120.00	45.54	2 170.00	45.66	48.61	72.66
	64QAM	2 120.00	45.56	2 170.00	45.70	48.64	73.09
	256QAM	2 120.00	45.59	2 170.00	45.68	48.65	73.23
1	QPSK	2 120.00	45.86	2 170.00	45.94	48.91	77.79
	16QAM	2 120.00	45.79	2 170.00	45.96	48.89	77.41
	64QAM	2 120.00	45.86	2 170.00	45.98	48.93	78.17
	256QAM	2 120.00	45.88	2 170.00	45.96	48.93	78.19

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	149.88	150.08	151.27	151.43

**(2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B66 10 MHz		DSS B66 10 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	43.29	2 170.00	46.31	48.07	64.05
	16QAM	2 115.00	43.69	2 170.00	46.77	48.51	70.92
	64QAM	2 115.00	43.78	2 170.00	46.85	48.59	72.26
	256QAM	2 115.00	42.91	2 170.00	46.92	48.37	68.71
1	QPSK	2 115.00	43.49	2 170.00	46.57	48.31	67.75
	16QAM	2 115.00	43.91	2 170.00	47.00	48.73	74.67
	64QAM	2 115.00	44.08	2 170.00	47.09	48.85	76.70
	256QAM	2 115.00	43.34	2 170.00	47.10	48.62	72.80

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 170.00	131.81	145.59	148.97	141.53

**(2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B66 10 MHz + DSS B66 10 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	46.40	2 175.00	43.78	48.30	67.54
	16QAM	2 120.00	46.82	2 175.00	43.81	48.58	72.07
	64QAM	2 120.00	46.82	2 175.00	43.84	48.59	72.26
	256QAM	2 120.00	46.87	2 175.00	43.90	48.65	73.22
1	QPSK	2 120.00	46.57	2 175.00	44.00	48.49	70.57
	16QAM	2 120.00	47.09	2 175.00	44.02	48.83	76.40
	64QAM	2 120.00	46.99	2 175.00	44.01	48.76	75.21
	256QAM	2 120.00	47.08	2 175.00	43.96	48.80	75.91

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 175.00	138.12	148.48	147.47	149.13

**(2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B66 10 MHz		DSS B66 10 MHz + DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	42.67	2 165.00	47.38	48.65	73.23
	16QAM	2 115.00	42.78	2 165.00	47.49	48.76	75.08
	64QAM	2 115.00	42.78	2 165.00	47.56	48.81	75.99
	256QAM	2 115.00	42.64	2 165.00	47.47	48.70	74.17
1	QPSK	2 115.00	42.81	2 165.00	47.59	48.84	76.58
	16QAM	2 115.00	42.80	2 165.00	47.58	48.82	76.26
	64QAM	2 115.00	42.83	2 165.00	47.52	48.79	75.73
	256QAM	2 115.00	42.70	2 165.00	47.47	48.72	74.43

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 165.00	149.82	151.35	151.73	148.60

**(2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B66 10 MHz + DSS B66 10 MHz		DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.53	2 170.00	45.48	48.52	71.05
	16QAM	2 120.00	45.52	2 170.00	45.54	48.54	71.43
	64QAM	2 120.00	45.53	2 170.00	45.50	48.53	71.23
	256QAM	2 120.00	45.54	2 170.00	45.49	48.53	71.23
1	QPSK	2 120.00	45.74	2 170.00	45.75	48.75	75.05
	16QAM	2 120.00	45.76	2 170.00	45.83	48.80	75.94
	64QAM	2 120.00	45.77	2 170.00	45.76	48.77	75.41
	256QAM	2 120.00	45.78	2 170.00	45.76	48.78	75.50

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	146.10	147.37	146.64	146.74

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	42.61	2 172.50	47.47	48.69	74.02
	16QAM	2 112.50	42.64	2 172.50	47.46	48.70	74.13
	64QAM	2 112.50	42.72	2 172.50	47.57	48.80	75.86
	256QAM	2 112.50	42.69	2 172.50	47.55	48.78	75.53
1	QPSK	2 112.50	42.98	2 172.50	47.70	48.96	78.77
	16QAM	2 112.50	42.92	2 172.50	47.70	48.95	78.47
	64QAM	2 112.50	42.89	2 172.50	47.75	48.98	79.03
	256QAM	2 112.50	43.00	2 172.50	47.73	48.99	79.24

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 172.50	152.80	152.60	154.90	154.78

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 5 MHz		5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 117.50	47.46	2 177.50	42.57	48.68	73.87
	16QAM	2 117.50	47.46	2 177.50	42.66	48.71	74.22
	64QAM	2 117.50	47.46	2 177.50	42.72	48.71	74.36
	256QAM	2 117.50	47.52	2 177.50	42.70	48.75	75.03
1	QPSK	2 117.50	47.72	2 177.50	42.84	48.94	78.33
	16QAM	2 117.50	47.68	2 177.50	42.87	48.92	78.04
	64QAM	2 117.50	47.66	2 177.50	42.95	48.92	78.02
	256QAM	2 117.50	47.76	2 177.50	42.84	48.98	79.00

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50 + 2 177.50	152.21	152.26	152.39	154.04

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + 5G NR n66 10 MHz + 5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	39.56	2 162.50	47.98	48.56	71.77
	16QAM	2 112.50	39.52	2 162.50	48.03	48.60	72.46
	64QAM	2 112.50	39.55	2 162.50	48.06	48.63	73.00
	256QAM	2 112.50	39.62	2 162.50	48.10	48.68	73.73
1	QPSK	2 112.50	39.85	2 162.50	48.31	48.89	77.45
	16QAM	2 112.50	39.82	2 162.50	48.34	48.91	77.89
	64QAM	2 112.50	39.88	2 162.50	48.36	48.94	78.34
	256QAM	2 112.50	39.94	2 162.50	48.36	48.94	78.42

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 162.50	149.23	150.36	151.34	152.16

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.46	2 170.00	45.49	48.49	70.56
	16QAM	2 120.00	45.44	2 170.00	45.55	48.50	70.84
	64QAM	2 120.00	45.42	2 170.00	45.58	48.51	70.97
	256QAM	2 120.00	45.47	2 170.00	45.55	48.52	71.08
1	QPSK	2 120.00	45.91	2 170.00	45.89	48.91	77.83
	16QAM	2 120.00	45.86	2 170.00	45.92	48.90	77.64
	64QAM	2 120.00	45.88	2 170.00	45.90	48.90	77.64
	256QAM	2 120.00	45.89	2 170.00	45.88	48.90	77.55

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	148.39	148.49	148.62	148.64



**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + 5G NR n66 5 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	41.52	2 170.00	47.57	48.53	71.28
	16QAM	2 112.50	41.66	2 170.00	47.63	48.61	72.60
	64QAM	2 112.50	41.56	2 170.00	47.69	48.64	73.08
	256QAM	2 112.50	41.62	2 170.00	47.67	48.63	73.01
1	QPSK	2 112.50	41.93	2 170.00	47.86	48.85	76.68
	16QAM	2 112.50	41.93	2 170.00	47.87	48.85	76.79
	64QAM	2 112.50	41.96	2 170.00	47.92	48.90	77.65
	256QAM	2 112.50	41.92	2 170.00	47.89	48.87	77.05

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 170.00	147.97	149.40	150.74	150.07

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 5 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 117.50	46.33	2 175.00	44.43	48.49	70.67
	16QAM	2 117.50	46.33	2 175.00	44.42	48.49	70.59
	64QAM	2 117.50	46.40	2 175.00	44.50	48.56	71.77
	256QAM	2 117.50	46.81	2 175.00	44.76	48.92	77.89
1	QPSK	2 117.50	46.67	2 175.00	44.70	48.81	75.99
	16QAM	2 117.50	46.60	2 175.00	44.71	48.77	75.34
	64QAM	2 117.50	46.67	2 175.00	44.73	48.81	76.10
	256QAM	2 117.50	46.84	2 175.00	44.73	48.92	78.03

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50 + 2 175.00	146.67	145.94	147.88	155.93

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + DSS B66 10 MHz + DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	39.54	2 162.50	47.77	48.38	68.86
	16QAM	2 112.50	39.57	2 162.50	47.89	48.49	70.63
	64QAM	2 112.50	39.55	2 162.50	47.91	48.50	70.84
	256QAM	2 112.50	39.56	2 162.50	47.88	48.47	70.36
1	QPSK	2 112.50	39.85	2 162.50	48.14	48.74	74.80
	16QAM	2 112.50	39.86	2 162.50	48.18	48.78	75.43
	64QAM	2 112.50	39.94	2 162.50	48.20	48.80	75.89
	256QAM	2 112.50	39.85	2 162.50	48.14	48.74	74.85

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 162.50	143.66	146.07	146.74	145.22

**(2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + DSS B66 10 MHz		DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.31	2 170.00	45.16	48.25	66.82
	16QAM	2 120.00	45.42	2 170.00	45.24	48.34	68.24
	64QAM	2 120.00	45.43	2 170.00	45.32	48.39	68.96
	256QAM	2 120.00	45.45	2 170.00	45.33	48.40	69.19
1	QPSK	2 120.00	45.75	2 170.00	45.61	48.69	73.98
	16QAM	2 120.00	45.77	2 170.00	45.61	48.70	74.20
	64QAM	2 120.00	45.78	2 170.00	45.65	48.73	74.58
	256QAM	2 120.00	45.81	2 170.00	45.65	48.74	74.89

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	140.81	142.44	143.54	144.09

**(2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + DSS B66 10 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	40.73	2 167.50	47.66	48.46	70.18
	16QAM	2 112.50	40.80	2 167.50	47.70	48.50	70.86
	64QAM	2 112.50	40.81	2 167.50	47.72	48.52	71.15
	256QAM	2 112.50	40.83	2 167.50	47.76	48.56	71.75
1	QPSK	2 112.50	41.07	2 167.50	47.93	48.74	74.85
	16QAM	2 112.50	41.09	2 167.50	47.97	48.78	75.52
	64QAM	2 112.50	41.06	2 167.50	47.94	48.75	75.07
	256QAM	2 112.50	41.07	2 167.50	48.01	48.81	76.08

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 167.50	145.04	146.39	146.24	147.84

**(2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + DSS B66 10 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	46.51	2 175.00	43.44	48.25	66.87
	16QAM	2 120.00	46.72	2 175.00	43.66	48.46	70.20
	64QAM	2 120.00	46.74	2 175.00	43.65	48.47	70.32
	256QAM	2 120.00	46.76	2 175.00	43.71	48.51	70.92
1	QPSK	2 120.00	46.95	2 175.00	43.86	48.69	73.90
	16QAM	2 120.00	47.06	2 175.00	43.99	48.80	75.84
	64QAM	2 120.00	47.05	2 175.00	43.99	48.79	75.75
	256QAM	2 120.00	47.07	2 175.00	43.92	48.78	75.58

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 175.00	140.78	146.05	146.08	146.51

**(2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + DSS B66 10 MHz + DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	39.46	2 162.50	47.83	48.42	69.47
	16QAM	2 112.50	39.72	2 162.50	47.90	48.51	70.99
	64QAM	2 112.50	39.56	2 162.50	47.93	48.52	71.17
	256QAM	2 112.50	39.67	2 162.50	47.96	48.56	71.73
1	QPSK	2 112.50	39.86	2 162.50	48.13	48.73	74.70
	16QAM	2 112.50	40.04	2 162.50	48.16	48.78	75.53
	64QAM	2 112.50	39.92	2 162.50	48.19	48.80	75.78
	256QAM	2 112.50	39.95	2 162.50	48.22	48.82	76.20

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 162.50	144.18	146.53	146.97	147.94

**(2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + DSS B66 10 MHz		DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.47	2 170.00	45.36	48.42	69.56
	16QAM	2 120.00	45.43	2 170.00	45.36	48.40	69.25
	64QAM	2 120.00	45.48	2 170.00	45.41	48.46	70.09
	256QAM	2 120.00	45.48	2 170.00	45.37	48.44	69.78
1	QPSK	2 120.00	45.76	2 170.00	45.70	48.74	74.80
	16QAM	2 120.00	45.79	2 170.00	45.69	48.75	75.02
	64QAM	2 120.00	45.80	2 170.00	45.68	48.75	74.98
	256QAM	2 120.00	45.83	2 170.00	45.67	48.76	75.14

**Sum Data of Port 0 and Port 1**

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	144.37	144.29	145.08	144.92

**(4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier]**

Ant.	Mod	DSS B2 10 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.24	1 985.00	42.02	45.14	32.68
	16QAM	1 935.00	42.24	1 985.00	42.13	45.19	33.06
	64QAM	1 935.00	42.33	1 985.00	42.23	45.29	33.83
	256QAM	1 935.00	42.37	1 985.00	42.22	45.30	33.91
1	QPSK	1 935.00	42.23	1 985.00	42.31	45.28	33.74
	16QAM	1 935.00	42.31	1 985.00	42.33	45.33	34.13
	64QAM	1 935.00	42.38	1 985.00	42.40	45.40	34.67
	256QAM	1 935.00	42.34	1 985.00	42.32	45.34	34.20
2	QPSK	1 935.00	42.37	1 985.00	42.41	45.40	34.68
	16QAM	1 935.00	42.42	1 985.00	42.44	45.44	34.97
	64QAM	1 935.00	42.45	1 985.00	42.45	45.46	35.15
	256QAM	1 935.00	42.47	1 985.00	42.42	45.46	35.13
3	QPSK	1 935.00	42.32	1 985.00	42.17	45.25	33.51
	16QAM	1 935.00	42.32	1 985.00	42.17	45.25	33.53
	64QAM	1 935.00	42.35	1 985.00	42.18	45.28	33.71
	256QAM	1 935.00	42.34	1 985.00	42.27	45.32	34.01

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 985.00	134.62	135.70	137.37	137.26

**(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	LTE B2 5 MHz		5G NR n2 5 MHz + DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	39.58	1 982.50	44.00	45.34	34.20
	16QAM	1 932.50	39.58	1 982.50	43.95	45.30	33.90
	64QAM	1 932.50	39.51	1 982.50	43.92	45.26	33.58
	256QAM	1 932.50	39.64	1 982.50	43.94	45.31	33.98
1	QPSK	1 932.50	39.50	1 982.50	44.13	45.41	34.79
	16QAM	1 932.50	39.45	1 982.50	44.06	45.35	34.28
	64QAM	1 932.50	39.50	1 982.50	44.14	45.43	34.88
	256QAM	1 932.50	39.46	1 982.50	44.20	45.46	35.12
2	QPSK	1 932.50	39.47	1 982.50	44.15	45.42	34.83
	16QAM	1 932.50	39.54	1 982.50	44.27	45.53	35.75
	64QAM	1 932.50	39.58	1 982.50	44.19	45.48	35.32
	256QAM	1 932.50	39.56	1 982.50	44.19	45.48	35.30
3	QPSK	1 932.50	39.49	1 982.50	43.99	45.31	33.95
	16QAM	1 932.50	39.54	1 982.50	44.06	45.37	34.42
	64QAM	1 932.50	39.59	1 982.50	44.07	45.39	34.62
	256QAM	1 932.50	39.51	1 982.50	43.99	45.32	34.01

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 982.50	137.76	138.36	138.42	138.42

**(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	LTE B2 5 MHz + 5G NR n2 5 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.54	1 985.00	42.11	45.34	34.21
	16QAM	1 935.00	42.61	1 985.00	42.12	45.38	34.55
	64QAM	1 935.00	42.58	1 985.00	42.15	45.38	34.49
	256QAM	1 935.00	42.59	1 985.00	42.16	45.39	34.59
1	QPSK	1 935.00	42.39	1 985.00	42.31	45.36	34.36
	16QAM	1 935.00	42.49	1 985.00	42.34	45.43	34.89
	64QAM	1 935.00	42.43	1 985.00	42.34	45.40	34.63
	256QAM	1 935.00	42.46	1 985.00	42.33	45.41	34.72
2	QPSK	1 935.00	42.59	1 985.00	42.36	45.49	35.39
	16QAM	1 935.00	42.63	1 985.00	42.50	45.58	36.12
	64QAM	1 935.00	42.67	1 985.00	42.37	45.53	35.76
	256QAM	1 935.00	42.61	1 985.00	42.39	45.51	35.57
3	QPSK	1 935.00	42.52	1 985.00	42.12	45.33	34.15
	16QAM	1 935.00	42.49	1 985.00	42.23	45.37	34.45
	64QAM	1 935.00	42.47	1 985.00	42.18	45.34	34.17
	256QAM	1 935.00	42.47	1 985.00	42.24	45.37	34.41

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 985.00	138.12	140.00	139.06	139.29

**(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	LTE B2 5 MHz		5G NR n2 5 MHz + DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	37.71	1 977.50	44.32	45.18	32.97
	16QAM	1 932.50	37.66	1 977.50	44.38	45.22	33.24
	64QAM	1 932.50	37.70	1 977.50	44.38	45.22	33.29
	256QAM	1 932.50	37.70	1 977.50	44.32	45.18	32.93
1	QPSK	1 932.50	37.60	1 977.50	44.34	45.17	32.92
	16QAM	1 932.50	37.55	1 977.50	44.44	45.25	33.46
	64QAM	1 932.50	37.57	1 977.50	44.42	45.24	33.38
	256QAM	1 932.50	37.53	1 977.50	44.42	45.23	33.35
2	QPSK	1 932.50	37.65	1 977.50	44.46	45.29	33.77
	16QAM	1 932.50	37.63	1 977.50	44.48	45.30	33.87
	64QAM	1 932.50	37.64	1 977.50	44.49	45.31	33.94
	256QAM	1 932.50	37.58	1 977.50	44.50	45.30	33.88
3	QPSK	1 932.50	37.58	1 977.50	44.40	45.22	33.28
	16QAM	1 932.50	37.56	1 977.50	44.41	45.22	33.29
	64QAM	1 932.50	37.67	1 977.50	44.39	45.23	33.34
	256QAM	1 932.50	37.61	1 977.50	44.46	45.27	33.66

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 977.50	132.94	133.87	133.96	133.82



**(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	LTE B2 5 MHz + 5G NR n2 5 MHz		DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	40.65	1 980.00	43.27	45.17	32.86
	16QAM	1 935.00	40.62	1 980.00	43.28	45.16	32.80
	64QAM	1 935.00	40.60	1 980.00	43.26	45.14	32.68
	256QAM	1 935.00	40.58	1 980.00	43.28	45.14	32.70
1	QPSK	1 935.00	40.43	1 980.00	43.28	45.09	32.31
	16QAM	1 935.00	40.43	1 980.00	43.27	45.09	32.28
	64QAM	1 935.00	40.44	1 980.00	43.32	45.12	32.53
	256QAM	1 935.00	40.51	1 980.00	43.30	45.14	32.62
2	QPSK	1 935.00	40.55	1 980.00	43.31	45.15	32.76
	16QAM	1 935.00	40.58	1 980.00	43.35	45.19	33.05
	64QAM	1 935.00	40.58	1 980.00	43.36	45.20	33.14
	256QAM	1 935.00	40.60	1 980.00	43.37	45.22	33.24
3	QPSK	1 935.00	40.57	1 980.00	43.13	45.04	31.95
	16QAM	1 935.00	40.56	1 980.00	43.26	45.13	32.57
	64QAM	1 935.00	40.56	1 980.00	43.27	45.13	32.62
	256QAM	1 935.00	40.59	1 980.00	43.33	45.18	32.98

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	129.88	130.71	130.97	131.54

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + 5G NR n2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	40.49	1 985.00	43.37	45.18	32.93
	16QAM	1 932.50	40.67	1 985.00	43.51	45.33	34.10
	64QAM	1 932.50	40.60	1 985.00	43.52	45.31	33.95
	256QAM	1 932.50	40.63	1 985.00	43.51	45.31	33.97
1	QPSK	1 932.50	40.42	1 985.00	43.60	45.30	33.90
	16QAM	1 932.50	40.53	1 985.00	43.60	45.34	34.21
	64QAM	1 932.50	40.61	1 985.00	43.68	45.42	34.81
	256QAM	1 932.50	40.60	1 985.00	43.76	45.47	35.26
2	QPSK	1 932.50	40.55	1 985.00	43.69	45.41	34.75
	16QAM	1 932.50	40.51	1 985.00	43.61	45.34	34.21
	64QAM	1 932.50	40.68	1 985.00	43.75	45.49	35.41
	256QAM	1 932.50	40.70	1 985.00	43.77	45.51	35.59
3	QPSK	1 932.50	40.53	1 985.00	43.41	45.22	33.24
	16QAM	1 932.50	40.52	1 985.00	43.54	45.29	33.83
	64QAM	1 932.50	40.50	1 985.00	43.57	45.31	33.96
	256QAM	1 932.50	40.62	1 985.00	43.64	45.39	34.63

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 985.00	134.82	136.36	138.14	139.45

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		5G NR n2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	43.76	1 987.50	40.46	45.43	34.89
	16QAM	1 935.00	43.75	1 987.50	40.49	45.43	34.93
	64QAM	1 935.00	43.68	1 987.50	40.47	45.37	34.47
	256QAM	1 935.00	43.78	1 987.50	40.49	45.45	35.06
1	QPSK	1 935.00	43.69	1 987.50	40.87	45.52	35.62
	16QAM	1 935.00	43.66	1 987.50	40.85	45.49	35.41
	64QAM	1 935.00	43.59	1 987.50	40.77	45.41	34.77
	256QAM	1 935.00	43.63	1 987.50	40.69	45.42	34.82
2	QPSK	1 935.00	43.82	1 987.50	40.84	45.60	36.27
	16QAM	1 935.00	43.76	1 987.50	40.84	45.55	35.90
	64QAM	1 935.00	43.73	1 987.50	40.77	45.51	35.56
	256QAM	1 935.00	43.77	1 987.50	40.73	45.52	35.67
3	QPSK	1 935.00	43.72	1 987.50	40.70	45.48	35.30
	16QAM	1 935.00	43.73	1 987.50	40.65	45.47	35.24
	64QAM	1 935.00	43.71	1 987.50	40.60	45.44	34.97
	256QAM	1 935.00	43.75	1 987.50	40.71	45.50	35.50

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 987.50	142.09	141.48	139.78	141.04

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + 5G NR n2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	37.39	1 977.50	44.24	45.06	32.05
	16QAM	1 932.50	37.47	1 977.50	44.26	45.09	32.28
	64QAM	1 932.50	37.42	1 977.50	44.29	45.10	32.36
	256QAM	1 932.50	37.46	1 977.50	44.28	45.10	32.36
1	QPSK	1 932.50	37.44	1 977.50	44.38	45.18	32.95
	16QAM	1 932.50	37.38	1 977.50	44.48	45.25	33.50
	64QAM	1 932.50	37.37	1 977.50	44.42	45.20	33.13
	256QAM	1 932.50	37.28	1 977.50	44.41	45.18	32.93
2	QPSK	1 932.50	37.46	1 977.50	44.55	45.32	34.05
	16QAM	1 932.50	37.51	1 977.50	44.53	45.31	33.99
	64QAM	1 932.50	37.47	1 977.50	44.50	45.28	33.75
	256QAM	1 932.50	37.49	1 977.50	44.54	45.32	34.05
3	QPSK	1 932.50	37.44	1 977.50	44.28	45.09	32.31
	16QAM	1 932.50	37.50	1 977.50	44.29	45.11	32.45
	64QAM	1 932.50	37.53	1 977.50	44.29	45.12	32.50
	256QAM	1 932.50	37.53	1 977.50	44.33	45.15	32.74

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 977.50	131.37	132.22	131.74	132.08

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		5G NR n2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	40.40	1 980.00	43.19	45.03	31.83
	16QAM	1 935.00	40.43	1 980.00	43.27	45.09	32.26
	64QAM	1 935.00	40.45	1 980.00	43.18	45.04	31.91
	256QAM	1 935.00	40.44	1 980.00	43.27	45.09	32.28
1	QPSK	1 935.00	40.35	1 980.00	43.38	45.13	32.59
	16QAM	1 935.00	40.40	1 980.00	43.36	45.14	32.67
	64QAM	1 935.00	40.30	1 980.00	43.33	45.08	32.25
	256QAM	1 935.00	40.40	1 980.00	43.37	45.15	32.73
2	QPSK	1 935.00	40.43	1 980.00	43.49	45.23	33.37
	16QAM	1 935.00	40.47	1 980.00	43.51	45.26	33.59
	64QAM	1 935.00	40.42	1 980.00	43.43	45.19	33.03
	256QAM	1 935.00	40.49	1 980.00	43.49	45.26	33.54
3	QPSK	1 935.00	40.35	1 980.00	43.27	45.06	32.06
	16QAM	1 935.00	40.38	1 980.00	43.28	45.07	32.17
	64QAM	1 935.00	40.41	1 980.00	43.24	45.06	32.09
	256QAM	1 935.00	40.38	1 980.00	43.27	45.07	32.12

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	129.85	130.69	129.28	130.67

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	39.24	1 982.50	43.79	45.10	32.35
	16QAM	1 932.50	39.36	1 982.50	43.78	45.12	32.52
	64QAM	1 932.50	39.37	1 982.50	43.86	45.18	32.99
	256QAM	1 932.50	39.40	1 982.50	43.79	45.14	32.64
1	QPSK	1 932.50	39.30	1 982.50	43.94	45.22	33.27
	16QAM	1 932.50	39.34	1 982.50	43.93	45.23	33.33
	64QAM	1 932.50	39.34	1 982.50	43.93	45.23	33.32
	256QAM	1 932.50	39.30	1 982.50	43.99	45.26	33.59
2	QPSK	1 932.50	39.40	1 982.50	44.08	45.35	34.32
	16QAM	1 932.50	39.48	1 982.50	44.10	45.38	34.55
	64QAM	1 932.50	39.42	1 982.50	44.17	45.42	34.86
	256QAM	1 932.50	39.42	1 982.50	44.05	45.33	34.15
3	QPSK	1 932.50	39.30	1 982.50	43.84	45.15	32.73
	16QAM	1 932.50	39.38	1 982.50	43.93	45.24	33.38
	64QAM	1 932.50	39.33	1 982.50	43.85	45.16	32.83
	256QAM	1 932.50	39.35	1 982.50	43.88	45.19	33.02

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 982.50	132.67	133.79	134.00	133.41

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.38	1 985.00	41.93	45.17	32.89
	16QAM	1 935.00	42.34	1 985.00	42.03	45.20	33.11
	64QAM	1 935.00	42.32	1 985.00	41.95	45.15	32.74
	256QAM	1 935.00	42.26	1 985.00	42.02	45.15	32.76
1	QPSK	1 935.00	42.34	1 985.00	42.20	45.28	33.70
	16QAM	1 935.00	42.24	1 985.00	42.15	45.21	33.17
	64QAM	1 935.00	42.35	1 985.00	42.16	45.27	33.63
	256QAM	1 935.00	42.32	1 985.00	42.22	45.28	33.72
2	QPSK	1 935.00	42.48	1 985.00	42.30	45.41	34.72
	16QAM	1 935.00	42.45	1 985.00	42.28	45.38	34.50
	64QAM	1 935.00	42.49	1 985.00	42.28	45.39	34.63
	256QAM	1 935.00	42.47	1 985.00	42.32	45.41	34.73
3	QPSK	1 935.00	42.33	1 985.00	42.02	45.19	33.02
	16QAM	1 935.00	42.31	1 985.00	42.09	45.21	33.21
	64QAM	1 935.00	42.38	1 985.00	42.11	45.26	33.56
	256QAM	1 935.00	42.29	1 985.00	42.11	45.21	33.20

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 985.00	134.32	133.99	134.56	134.41

**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n2 5 MHz		5G NR n2 5 MHz + DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	37.63	1 977.50	44.31	45.16	32.79
	16QAM	1 932.50	37.77	1 977.50	44.32	45.19	33.00
	64QAM	1 932.50	37.65	1 977.50	44.33	45.17	32.90
	256QAM	1 932.50	37.62	1 977.50	44.35	45.18	32.99
1	QPSK	1 932.50	37.64	1 977.50	44.43	45.26	33.55
	16QAM	1 932.50	37.69	1 977.50	44.42	45.26	33.55
	64QAM	1 932.50	37.60	1 977.50	44.43	45.25	33.47
	256QAM	1 932.50	37.67	1 977.50	44.46	45.29	33.78
2	QPSK	1 932.50	37.75	1 977.50	44.54	45.37	34.41
	16QAM	1 932.50	37.73	1 977.50	44.56	45.38	34.53
	64QAM	1 932.50	37.72	1 977.50	44.55	45.37	34.40
	256QAM	1 932.50	37.75	1 977.50	44.57	45.39	34.59
3	QPSK	1 932.50	37.65	1 977.50	44.36	45.20	33.10
	16QAM	1 932.50	37.62	1 977.50	44.36	45.20	33.09
	64QAM	1 932.50	37.62	1 977.50	44.35	45.18	32.99
	256QAM	1 932.50	37.61	1 977.50	44.38	45.21	33.18

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 977.50	133.86	134.18	133.77	134.55



**(4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n2 5 MHz + 5G NR n2 5 MHz		DSS B2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	40.55	1 980.00	43.14	45.04	31.94
	16QAM	1 935.00	40.56	1 980.00	43.28	45.14	32.69
	64QAM	1 935.00	40.55	1 980.00	43.27	45.13	32.58
	256QAM	1 935.00	40.62	1 980.00	43.26	45.15	32.73
1	QPSK	1 935.00	40.48	1 980.00	43.37	45.17	32.90
	16QAM	1 935.00	40.40	1 980.00	43.33	45.12	32.51
	64QAM	1 935.00	40.41	1 980.00	43.32	45.11	32.46
	256QAM	1 935.00	40.48	1 980.00	43.39	45.18	32.97
2	QPSK	1 935.00	40.70	1 980.00	43.49	45.32	34.06
	16QAM	1 935.00	40.66	1 980.00	43.46	45.29	33.84
	64QAM	1 935.00	40.64	1 980.00	43.42	45.26	33.56
	256QAM	1 935.00	40.68	1 980.00	43.50	45.32	34.07
3	QPSK	1 935.00	40.58	1 980.00	43.27	45.14	32.65
	16QAM	1 935.00	40.50	1 980.00	43.27	45.11	32.44
	64QAM	1 935.00	40.51	1 980.00	43.29	45.13	32.59
	256QAM	1 935.00	40.56	1 980.00	43.28	45.14	32.65

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	131.56	131.49	131.20	132.43

**(4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B2 10 MHz		DSS B2 10 MHz + DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	40.43	1 980.00	43.27	45.09	32.27
	16QAM	1 935.00	40.52	1 980.00	43.27	45.12	32.49
	64QAM	1 935.00	40.46	1 980.00	43.29	45.11	32.46
	256QAM	1 935.00	40.54	1 980.00	43.35	45.18	32.93
1	QPSK	1 935.00	40.38	1 980.00	43.41	45.17	32.87
	16QAM	1 935.00	40.41	1 980.00	43.46	45.21	33.19
	64QAM	1 935.00	40.49	1 980.00	43.43	45.21	33.20
	256QAM	1 935.00	40.44	1 980.00	43.46	45.22	33.24
2	QPSK	1 935.00	40.55	1 980.00	43.57	45.33	34.12
	16QAM	1 935.00	40.59	1 980.00	43.53	45.32	34.01
	64QAM	1 935.00	40.61	1 980.00	43.51	45.31	33.96
	256QAM	1 935.00	40.62	1 980.00	43.57	45.35	34.31
3	QPSK	1 935.00	40.50	1 980.00	43.33	45.15	32.76
	16QAM	1 935.00	40.44	1 980.00	43.35	45.14	32.67
	64QAM	1 935.00	40.47	1 980.00	43.34	45.15	32.75
	256QAM	1 935.00	40.52	1 980.00	43.35	45.17	32.89

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	132.03	132.36	132.36	133.37

**(4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B2 10 MHz + DSS B2 10 MHz		DSS B2 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 940.00	43.52	1 985.00	40.30	45.22	33.23
	16QAM	1 940.00	43.49	1 985.00	40.37	45.22	33.23
	64QAM	1 940.00	43.54	1 985.00	40.28	45.22	33.27
	256QAM	1 940.00	43.52	1 985.00	40.31	45.22	33.24
1	QPSK	1 940.00	43.48	1 985.00	40.49	45.25	33.48
	16QAM	1 940.00	43.50	1 985.00	40.57	45.29	33.78
	64QAM	1 940.00	43.47	1 985.00	40.55	45.26	33.61
	256QAM	1 940.00	43.45	1 985.00	40.51	45.24	33.41
2	QPSK	1 940.00	43.60	1 985.00	40.60	45.37	34.40
	16QAM	1 940.00	43.68	1 985.00	40.62	45.43	34.88
	64QAM	1 940.00	43.62	1 985.00	40.49	45.34	34.20
	256QAM	1 940.00	43.67	1 985.00	40.53	45.39	34.59
3	QPSK	1 940.00	43.53	1 985.00	40.43	45.26	33.59
	16QAM	1 940.00	43.49	1 985.00	40.39	45.22	33.28
	64QAM	1 940.00	43.49	1 985.00	40.38	45.22	33.25
	256QAM	1 940.00	43.48	1 985.00	40.40	45.22	33.26

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00 + 1 985.00	134.71	135.18	134.34	134.50

**(4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n66 5 MHz		5G NR n66 5 MHz + 5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	42.79	2 175.00	45.84	47.59	57.39
	16QAM	2 112.50	42.77	2 175.00	45.92	47.64	58.03
	64QAM	2 112.50	42.86	2 175.00	45.97	47.70	58.86
	256QAM	2 112.50	42.90	2 175.00	45.94	47.69	58.77
1	QPSK	2 112.50	43.03	2 175.00	46.05	47.81	60.40
	16QAM	2 112.50	43.03	2 175.00	46.10	47.84	60.83
	64QAM	2 112.50	43.14	2 175.00	46.13	47.90	61.60
	256QAM	2 112.50	43.10	2 175.00	46.14	47.89	61.52
2	QPSK	2 112.50	42.87	2 175.00	45.70	47.52	56.50
	16QAM	2 112.50	42.88	2 175.00	45.65	47.49	56.12
	64QAM	2 112.50	42.95	2 175.00	45.71	47.56	56.97
	256QAM	2 112.50	42.90	2 175.00	45.75	47.57	57.11
3	QPSK	2 112.50	42.89	2 175.00	45.95	47.70	58.84
	16QAM	2 112.50	42.92	2 175.00	45.98	47.73	59.23
	64QAM	2 112.50	42.91	2 175.00	45.93	47.69	58.75
	256QAM	2 112.50	42.89	2 175.00	45.83	47.62	57.77

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 175.00	233.14	234.21	236.19	235.17

**(4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n66 5 MHz + 5G NR n66 5 MHz		5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	45.85	2 177.50	42.90	47.63	57.97
	16QAM	2 115.00	45.87	2 177.50	42.89	47.64	58.05
	64QAM	2 115.00	45.87	2 177.50	42.84	47.62	57.85
	256QAM	2 115.00	45.81	2 177.50	42.82	47.58	57.26
1	QPSK	2 115.00	46.07	2 177.50	42.98	47.81	60.36
	16QAM	2 115.00	46.21	2 177.50	43.02	47.91	61.80
	64QAM	2 115.00	46.10	2 177.50	43.00	47.83	60.71
	256QAM	2 115.00	46.11	2 177.50	43.01	47.84	60.80
2	QPSK	2 115.00	46.02	2 177.50	42.75	47.69	58.79
	16QAM	2 115.00	46.02	2 177.50	42.74	47.69	58.78
	64QAM	2 115.00	46.01	2 177.50	42.67	47.67	58.41
	256QAM	2 115.00	45.97	2 177.50	42.66	47.63	57.98
3	QPSK	2 115.00	46.03	2 177.50	42.94	47.76	59.77
	16QAM	2 115.00	45.94	2 177.50	42.89	47.69	58.68
	64QAM	2 115.00	45.92	2 177.50	42.92	47.68	58.65
	256QAM	2 115.00	45.98	2 177.50	42.82	47.69	58.78

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 177.50	236.89	237.31	235.62	234.83

**(4 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n66 10 MHz		5G NR n66 10 MHz + 5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	41.60	2 165.00	46.40	47.65	58.15
	16QAM	2 115.00	41.49	2 165.00	46.42	47.63	57.91
	64QAM	2 115.00	41.63	2 165.00	46.39	47.65	58.16
	256QAM	2 115.00	41.62	2 165.00	46.43	47.67	58.43
1	QPSK	2 115.00	41.85	2 165.00	46.61	47.86	61.07
	16QAM	2 115.00	41.84	2 165.00	46.61	47.86	61.05
	64QAM	2 115.00	41.80	2 165.00	46.64	47.87	61.24
	256QAM	2 115.00	41.83	2 165.00	46.63	47.87	61.27
2	QPSK	2 115.00	41.58	2 165.00	46.25	47.53	56.59
	16QAM	2 115.00	41.63	2 165.00	46.24	47.53	56.60
	64QAM	2 115.00	41.66	2 165.00	46.25	47.55	56.84
	256QAM	2 115.00	41.71	2 165.00	46.33	47.61	57.73
3	QPSK	2 115.00	41.63	2 165.00	46.35	47.61	57.71
	16QAM	2 115.00	41.60	2 165.00	46.35	47.60	57.57
	64QAM	2 115.00	41.55	2 165.00	46.33	47.58	57.28
	256QAM	2 115.00	41.62	2 165.00	46.38	47.63	57.96

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 165.00	233.52	233.13	233.52	235.39

**(4 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n66 10 MHz + 5G NR n66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	44.51	2 170.00	44.64	47.58	57.33
	16QAM	2 120.00	44.61	2 170.00	44.71	47.67	58.49
	64QAM	2 120.00	44.60	2 170.00	44.64	47.63	57.97
	256QAM	2 120.00	44.61	2 170.00	44.67	47.65	58.16
1	QPSK	2 120.00	44.84	2 170.00	44.90	47.88	61.36
	16QAM	2 120.00	44.83	2 170.00	44.85	47.85	60.94
	64QAM	2 120.00	44.83	2 170.00	44.89	47.87	61.21
	256QAM	2 120.00	44.84	2 170.00	44.82	47.84	60.86
2	QPSK	2 120.00	44.67	2 170.00	44.52	47.61	57.62
	16QAM	2 120.00	44.72	2 170.00	44.39	47.57	57.13
	64QAM	2 120.00	44.71	2 170.00	44.49	47.61	57.68
	256QAM	2 120.00	44.69	2 170.00	44.43	47.57	57.18
3	QPSK	2 120.00	44.69	2 170.00	44.67	47.69	58.73
	16QAM	2 120.00	44.62	2 170.00	44.58	47.61	57.68
	64QAM	2 120.00	44.64	2 170.00	44.61	47.63	57.98
	256QAM	2 120.00	44.60	2 170.00	44.51	47.57	57.10

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	235.05	234.24	234.84	233.31

**(4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	5G NR n66 5 MHz		5G NR n66 5 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	41.45	2 172.50	46.04	47.33	54.11
	16QAM	2 112.50	41.43	2 172.50	46.14	47.41	55.04
	64QAM	2 112.50	41.52	2 172.50	46.21	47.48	55.93
	256QAM	2 112.50	41.49	2 172.50	46.22	47.48	56.00
1	QPSK	2 112.50	41.75	2 172.50	46.29	47.60	57.49
	16QAM	2 112.50	41.73	2 172.50	46.35	47.64	58.07
	64QAM	2 112.50	41.78	2 172.50	46.42	47.70	58.91
	256QAM	2 112.50	41.85	2 172.50	46.40	47.71	58.98
2	QPSK	2 112.50	41.62	2 172.50	45.98	47.34	54.18
	16QAM	2 112.50	41.63	2 172.50	46.05	47.39	54.82
	64QAM	2 112.50	41.61	2 172.50	46.11	47.43	55.29
	256QAM	2 112.50	41.66	2 172.50	46.11	47.44	55.43
3	QPSK	2 112.50	41.48	2 172.50	46.19	47.46	55.66
	16QAM	2 112.50	41.52	2 172.50	46.21	47.48	56.01
	64QAM	2 112.50	41.45	2 172.50	46.18	47.44	55.47
	256QAM	2 112.50	41.53	2 172.50	46.21	47.49	56.04

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 172.50	221.45	223.94	225.60	226.47



**(4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	5G NR n66 5 MHz + 5G NR n66 5 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	44.42	2 175.00	44.24	47.35	54.27
	16QAM	2 115.00	44.50	2 175.00	44.20	47.36	54.48
	64QAM	2 115.00	44.42	2 175.00	44.26	47.35	54.38
	256QAM	2 115.00	44.43	2 175.00	44.38	47.42	55.16
1	QPSK	2 115.00	44.68	2 175.00	44.54	47.62	57.81
	16QAM	2 115.00	44.73	2 175.00	44.47	47.61	57.70
	64QAM	2 115.00	44.76	2 175.00	44.50	47.64	58.07
	256QAM	2 115.00	44.70	2 175.00	44.49	47.61	57.66
2	QPSK	2 115.00	44.61	2 175.00	44.18	47.41	55.12
	16QAM	2 115.00	44.64	2 175.00	44.21	47.44	55.47
	64QAM	2 115.00	44.65	2 175.00	44.24	47.46	55.75
	256QAM	2 115.00	44.65	2 175.00	44.21	47.44	55.51
3	QPSK	2 115.00	44.60	2 175.00	44.32	47.48	55.91
	16QAM	2 115.00	44.49	2 175.00	44.36	47.44	55.41
	64QAM	2 115.00	44.52	2 175.00	44.33	47.44	55.45
	256QAM	2 115.00	44.60	2 175.00	44.36	47.49	56.15

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 172.50	223.12	223.07	223.65	224.48

**(4 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B66 10 MHz		5G NR n66 10 MHz + 5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	41.28	2 165.00	46.22	47.43	55.34
	16QAM	2 115.00	41.34	2 165.00	46.35	47.54	56.76
	64QAM	2 115.00	41.42	2 165.00	46.37	47.58	57.23
	256QAM	2 115.00	41.38	2 165.00	46.36	47.56	57.02
1	QPSK	2 115.00	41.54	2 165.00	46.50	47.70	58.94
	16QAM	2 115.00	41.59	2 165.00	46.55	47.75	59.61
	64QAM	2 115.00	41.63	2 165.00	46.58	47.79	60.10
	256QAM	2 115.00	41.63	2 165.00	46.58	47.78	60.04
2	QPSK	2 115.00	41.49	2 165.00	46.24	47.50	56.23
	16QAM	2 115.00	41.47	2 165.00	46.25	47.49	56.16
	64QAM	2 115.00	41.52	2 165.00	46.27	47.53	56.58
	256QAM	2 115.00	41.53	2 165.00	46.28	47.54	56.69
3	QPSK	2 115.00	41.37	2 165.00	46.24	47.47	55.80
	16QAM	2 115.00	41.41	2 165.00	46.33	47.54	56.77
	64QAM	2 115.00	41.44	2 165.00	46.32	47.55	56.85
	256QAM	2 115.00	41.37	2 165.00	46.32	47.53	56.56

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 165.00	226.31	229.30	230.76	230.31

**(4 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B66 10 MHz + 5G NR n66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	44.44	2 170.00	44.57	47.52	56.48
	16QAM	2 120.00	44.49	2 170.00	44.60	47.55	56.90
	64QAM	2 120.00	44.47	2 170.00	44.58	47.53	56.67
	256QAM	2 120.00	44.53	2 170.00	44.60	47.58	57.22
1	QPSK	2 120.00	44.64	2 170.00	44.73	47.70	58.84
	16QAM	2 120.00	44.73	2 170.00	44.78	47.77	59.81
	64QAM	2 120.00	44.72	2 170.00	44.82	47.78	59.95
	256QAM	2 120.00	44.70	2 170.00	44.82	47.77	59.84
2	QPSK	2 120.00	44.59	2 170.00	44.46	47.54	56.71
	16QAM	2 120.00	44.59	2 170.00	44.45	47.53	56.62
	64QAM	2 120.00	44.63	2 170.00	44.49	47.57	57.13
	256QAM	2 120.00	44.60	2 170.00	44.42	47.52	56.50
3	QPSK	2 120.00	44.50	2 170.00	44.46	47.49	56.07
	16QAM	2 120.00	44.48	2 170.00	44.60	47.55	56.88
	64QAM	2 120.00	44.49	2 170.00	44.53	47.52	56.52
	256QAM	2 120.00	44.48	2 170.00	44.52	47.51	56.39

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	228.10	230.22	230.26	229.95

**(4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B66 10 MHz		DSS B66 10 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	42.15	2 170.00	45.12	46.89	48.89
	16QAM	2 115.00	42.19	2 170.00	45.49	47.16	51.95
	64QAM	2 115.00	42.21	2 170.00	45.44	47.13	51.68
	256QAM	2 115.00	42.14	2 170.00	45.64	47.25	53.03
1	QPSK	2 115.00	42.16	2 170.00	45.21	46.96	49.67
	16QAM	2 115.00	42.18	2 170.00	45.11	46.90	48.95
	64QAM	2 115.00	42.05	2 170.00	45.25	46.95	49.56
	256QAM	2 115.00	42.27	2 170.00	45.07	46.90	48.98
2	QPSK	2 115.00	42.05	2 170.00	45.04	46.81	47.94
	16QAM	2 115.00	42.17	2 170.00	45.12	46.90	48.96
	64QAM	2 115.00	42.04	2 170.00	45.16	46.88	48.77
	256QAM	2 115.00	42.19	2 170.00	45.40	47.09	51.23
3	QPSK	2 115.00	42.30	2 170.00	45.39	47.12	51.53
	16QAM	2 115.00	42.17	2 170.00	45.24	46.98	49.88
	64QAM	2 115.00	42.11	2 170.00	45.32	47.02	50.34
	256QAM	2 115.00	42.03	2 170.00	45.11	46.85	48.42

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 170.00	198.04	199.75	200.35	201.66

**(4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B66 10 MHz + DSS B66 10 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.49	2 175.00	42.92	47.41	55.05
	16QAM	2 120.00	45.75	2 175.00	43.17	47.66	58.35
	64QAM	2 120.00	45.60	2 175.00	43.05	47.52	56.47
	256QAM	2 120.00	45.31	2 175.00	43.10	47.35	54.33
1	QPSK	2 120.00	45.35	2 175.00	42.79	47.27	53.27
	16QAM	2 120.00	45.45	2 175.00	42.90	47.37	54.56
	64QAM	2 120.00	45.22	2 175.00	42.78	47.18	52.21
	256QAM	2 120.00	45.48	2 175.00	42.83	47.36	54.50
2	QPSK	2 120.00	45.20	2 175.00	42.60	47.10	51.31
	16QAM	2 120.00	45.59	2 175.00	42.53	47.33	54.13
	64QAM	2 120.00	45.11	2 175.00	42.57	47.04	50.53
	256QAM	2 120.00	45.36	2 175.00	42.61	47.21	52.56
3	QPSK	2 120.00	45.44	2 175.00	42.73	47.30	53.71
	16QAM	2 120.00	45.24	2 175.00	42.80	47.20	52.48
	64QAM	2 120.00	45.64	2 175.00	42.73	47.43	55.36
	256QAM	2 120.00	45.50	2 175.00	42.81	47.37	54.59

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 175.00	213.34	219.53	214.57	215.99

**(4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier] [1C+2C]**

Ant.	Mod	DSS B66 10 MHz		DSS B66 10 MHz + DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	41.51	2 165.00	46.31	47.55	56.92
	16QAM	2 115.00	41.57	2 165.00	46.38	47.62	57.79
	64QAM	2 115.00	41.52	2 165.00	46.34	47.58	57.23
	256QAM	2 115.00	41.53	2 165.00	46.40	47.63	57.89
1	QPSK	2 115.00	41.63	2 165.00	46.35	47.61	57.65
	16QAM	2 115.00	41.62	2 165.00	46.43	47.67	58.46
	64QAM	2 115.00	41.62	2 165.00	46.39	47.64	58.06
	256QAM	2 115.00	41.60	2 165.00	46.40	47.64	58.11
2	QPSK	2 115.00	41.68	2 165.00	46.25	47.55	56.92
	16QAM	2 115.00	41.63	2 165.00	46.24	47.53	56.63
	64QAM	2 115.00	41.73	2 165.00	46.21	47.54	56.70
	256QAM	2 115.00	41.72	2 165.00	46.29	47.59	57.44
3	QPSK	2 115.00	41.63	2 165.00	46.38	47.64	58.02
	16QAM	2 115.00	41.59	2 165.00	46.34	47.59	57.46
	64QAM	2 115.00	41.71	2 165.00	46.37	47.65	58.17
	256QAM	2 115.00	41.64	2 165.00	46.36	47.62	57.86

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 165.00	229.53	230.34	230.16	231.31

**(4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier] [2C+1C]**

Ant.	Mod	DSS B66 10 MHz + DSS B66 10 MHz		DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	44.56	2 170.00	44.60	47.59	57.40
	16QAM	2 120.00	44.50	2 170.00	44.54	47.53	56.65
	64QAM	2 120.00	44.61	2 170.00	44.57	47.60	57.56
	256QAM	2 120.00	44.52	2 170.00	44.60	47.57	57.13
1	QPSK	2 120.00	44.60	2 170.00	44.65	47.64	58.04
	16QAM	2 120.00	44.52	2 170.00	44.56	47.55	56.88
	64QAM	2 120.00	44.60	2 170.00	44.65	47.63	57.99
	256QAM	2 120.00	44.63	2 170.00	44.61	47.63	57.92
2	QPSK	2 120.00	44.71	2 170.00	44.45	47.60	57.49
	16QAM	2 120.00	44.73	2 170.00	44.41	47.58	57.31
	64QAM	2 120.00	44.73	2 170.00	44.41	47.58	57.28
	256QAM	2 120.00	44.70	2 170.00	44.41	47.57	57.09
3	QPSK	2 120.00	44.64	2 170.00	44.63	47.65	58.16
	16QAM	2 120.00	44.64	2 170.00	44.67	47.67	58.42
	64QAM	2 120.00	44.68	2 170.00	44.59	47.64	58.14
	256QAM	2 120.00	44.67	2 170.00	44.70	47.69	58.81

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	231.10	229.27	230.97	230.95

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
[4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	41.33	2 172.50	46.24	47.46	55.69
	16QAM	2 112.50	41.48	2 172.50	46.37	47.59	57.40
	64QAM	2 112.50	41.45	2 172.50	46.37	47.59	57.36
	256QAM	2 112.50	41.47	2 172.50	46.41	47.61	57.72
1	QPSK	2 112.50	41.71	2 172.50	46.54	47.77	59.85
	16QAM	2 112.50	41.66	2 172.50	46.55	47.77	59.87
	64QAM	2 112.50	41.76	2 172.50	46.53	47.78	59.99
	256QAM	2 112.50	41.69	2 172.50	46.62	47.83	60.61
2	QPSK	2 112.50	41.66	2 172.50	46.23	47.53	56.61
	16QAM	2 112.50	41.70	2 172.50	46.26	47.56	57.05
	64QAM	2 112.50	41.67	2 172.50	46.29	47.58	57.28
	256QAM	2 112.50	41.70	2 172.50	46.30	47.60	57.50
3	QPSK	2 112.50	41.59	2 172.50	46.38	47.62	57.85
	16QAM	2 112.50	41.65	2 172.50	46.44	47.69	58.73
	64QAM	2 112.50	41.62	2 172.50	46.44	47.67	58.54
	256QAM	2 112.50	41.60	2 172.50	46.47	47.69	58.77

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 172.50	230.00	233.05	233.18	234.60



**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
[4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 5 MHz		5G NR n66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 117.50	46.30	2 177.50	41.48	47.54	56.73
	16QAM	2 117.50	46.36	2 177.50	41.48	47.58	57.28
	64QAM	2 117.50	46.37	2 177.50	41.59	47.62	57.77
	256QAM	2 117.50	46.34	2 177.50	41.59	47.60	57.48
1	QPSK	2 117.50	46.50	2 177.50	41.71	47.75	59.52
	16QAM	2 117.50	46.50	2 177.50	41.72	47.74	59.49
	64QAM	2 117.50	46.57	2 177.50	41.67	47.79	60.10
	256QAM	2 117.50	46.56	2 177.50	41.75	47.80	60.21
2	QPSK	2 117.50	46.54	2 177.50	41.50	47.72	59.22
	16QAM	2 117.50	46.54	2 177.50	41.47	47.72	59.10
	64QAM	2 117.50	46.64	2 177.50	41.50	47.80	60.24
	256QAM	2 117.50	46.53	2 177.50	41.55	47.73	59.27
3	QPSK	2 117.50	46.44	2 177.50	41.64	47.68	58.67
	16QAM	2 117.50	46.40	2 177.50	41.67	47.66	58.37
	64QAM	2 117.50	46.44	2 177.50	41.70	47.70	58.88
	256QAM	2 117.50	46.50	2 177.50	41.67	47.74	59.37

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50 + 2 177.50	234.14	234.24	236.99	236.34

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + 5G NR n66 10 MHz + 5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	38.27	2 162.50	46.80	47.37	54.58
	16QAM	2 112.50	38.37	2 162.50	46.95	47.51	56.40
	64QAM	2 112.50	38.46	2 162.50	46.95	47.52	56.52
	256QAM	2 112.50	38.36	2 162.50	46.88	47.46	55.66
1	QPSK	2 112.50	38.65	2 162.50	47.11	47.69	58.76
	16QAM	2 112.50	38.67	2 162.50	47.21	47.78	59.93
	64QAM	2 112.50	38.68	2 162.50	47.20	47.77	59.87
	256QAM	2 112.50	38.66	2 162.50	47.21	47.78	59.99
2	QPSK	2 112.50	38.50	2 162.50	46.79	47.39	54.83
	16QAM	2 112.50	38.62	2 162.50	46.87	47.48	55.92
	64QAM	2 112.50	38.54	2 162.50	46.81	47.42	55.15
	256QAM	2 112.50	38.45	2 162.50	46.85	47.43	55.39
3	QPSK	2 112.50	38.44	2 162.50	46.85	47.43	55.34
	16QAM	2 112.50	38.47	2 162.50	46.95	47.52	56.53
	64QAM	2 112.50	38.35	2 162.50	46.87	47.44	55.45
	256QAM	2 112.50	38.45	2 162.50	46.90	47.48	55.94

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 162.50	223.52	228.78	227.00	226.98

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	44.35	2 170.00	44.44	47.41	55.02
	16QAM	2 120.00	44.35	2 170.00	44.45	47.41	55.05
	64QAM	2 120.00	44.27	2 170.00	44.40	47.35	54.27
	256QAM	2 120.00	44.35	2 170.00	44.39	47.38	54.66
1	QPSK	2 120.00	44.69	2 170.00	44.76	47.73	59.36
	16QAM	2 120.00	44.66	2 170.00	44.74	47.71	59.03
	64QAM	2 120.00	44.66	2 170.00	44.62	47.65	58.21
	256QAM	2 120.00	44.62	2 170.00	44.69	47.66	58.36
2	QPSK	2 120.00	44.60	2 170.00	44.39	47.51	56.36
	16QAM	2 120.00	44.55	2 170.00	44.32	47.45	55.57
	64QAM	2 120.00	44.55	2 170.00	44.31	47.44	55.49
	256QAM	2 120.00	44.49	2 170.00	44.31	47.41	55.10
3	QPSK	2 120.00	44.45	2 170.00	44.46	47.47	55.80
	16QAM	2 120.00	44.40	2 170.00	44.41	47.42	55.15
	64QAM	2 120.00	44.44	2 170.00	44.36	47.41	55.07
	256QAM	2 120.00	44.34	2 170.00	44.38	47.37	54.57

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	226.55	224.80	223.05	222.69

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
[4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + 5G NR n66 5 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	40.55	2 170.00	46.54	47.51	56.41
	16QAM	2 112.50	40.54	2 170.00	46.57	47.54	56.76
	64QAM	2 112.50	40.67	2 170.00	46.66	47.64	58.03
	256QAM	2 112.50	40.69	2 170.00	46.62	47.61	57.67
1	QPSK	2 112.50	40.78	2 170.00	46.72	47.71	58.97
	16QAM	2 112.50	40.87	2 170.00	46.76	47.76	59.67
	64QAM	2 112.50	40.90	2 170.00	46.79	47.79	60.10
	256QAM	2 112.50	40.87	2 170.00	46.86	47.84	60.75
2	QPSK	2 112.50	40.75	2 170.00	46.44	47.47	55.89
	16QAM	2 112.50	40.77	2 170.00	46.46	47.50	56.23
	64QAM	2 112.50	40.85	2 170.00	46.50	47.55	56.83
	256QAM	2 112.50	40.76	2 170.00	46.55	47.57	57.12
3	QPSK	2 112.50	40.66	2 170.00	46.53	47.53	56.64
	16QAM	2 112.50	40.70	2 170.00	46.58	47.58	57.23
	64QAM	2 112.50	40.80	2 170.00	46.58	47.60	57.56
	256QAM	2 112.50	40.62	2 170.00	46.68	47.64	58.13

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 170.00	227.91	229.89	232.52	233.66

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
[4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + 5G NR n66 5 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 117.50	45.32	2 175.00	43.39	47.47	55.89
	16QAM	2 117.50	45.40	2 175.00	43.46	47.55	56.83
	64QAM	2 117.50	45.38	2 175.00	43.53	47.56	57.05
	256QAM	2 117.50	45.41	2 175.00	43.45	47.55	56.89
1	QPSK	2 117.50	45.58	2 175.00	43.73	47.76	59.74
	16QAM	2 117.50	45.58	2 175.00	43.59	47.71	58.98
	64QAM	2 117.50	45.63	2 175.00	43.63	47.75	59.57
	256QAM	2 117.50	45.58	2 175.00	43.62	47.72	59.16
2	QPSK	2 117.50	45.53	2 175.00	43.35	47.59	57.37
	16QAM	2 117.50	45.56	2 175.00	43.28	47.58	57.26
	64QAM	2 117.50	45.59	2 175.00	43.39	47.64	58.04
	256QAM	2 117.50	45.55	2 175.00	43.35	47.60	57.53
3	QPSK	2 117.50	45.35	2 175.00	43.46	47.52	56.47
	16QAM	2 117.50	45.43	2 175.00	43.38	47.53	56.69
	64QAM	2 117.50	45.47	2 175.00	43.43	47.58	57.22
	256QAM	2 117.50	45.45	2 175.00	43.48	47.58	57.34

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50 + 2 175.00	229.48	229.77	231.88	230.91

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier  
[4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		5G NR n66 5 MHz + DSS B66 10 MHz + DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	38.24	2 162.50	46.57	47.16	52.05
	16QAM	2 112.50	38.28	2 162.50	46.63	47.22	52.76
	64QAM	2 112.50	38.32	2 162.50	46.66	47.26	53.18
	256QAM	2 112.50	38.36	2 162.50	46.71	47.30	53.70
1	QPSK	2 112.50	38.65	2 162.50	46.94	47.54	56.77
	16QAM	2 112.50	38.65	2 162.50	46.95	47.55	56.90
	64QAM	2 112.50	38.72	2 162.50	46.96	47.57	57.14
	256QAM	2 112.50	38.70	2 162.50	46.95	47.56	56.98
2	QPSK	2 112.50	38.53	2 162.50	46.64	47.26	53.23
	16QAM	2 112.50	38.49	2 162.50	46.59	47.22	52.67
	64QAM	2 112.50	38.51	2 162.50	46.66	47.28	53.41
	256QAM	2 112.50	38.61	2 162.50	46.68	47.31	53.85
3	QPSK	2 112.50	38.46	2 162.50	46.64	47.26	53.16
	16QAM	2 112.50	38.49	2 162.50	46.66	47.27	53.36
	64QAM	2 112.50	38.44	2 162.50	46.76	47.36	54.41
	256QAM	2 112.50	38.43	2 162.50	46.70	47.30	53.71

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 162.50	215.22	215.69	218.14	218.24

**(4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier  
[4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + 5G NR n66 5 MHz + DSS B66 10 MHz		DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	44.21	2 170.00	44.18	47.20	52.51
	16QAM	2 120.00	44.26	2 170.00	44.16	47.22	52.68
	64QAM	2 120.00	44.21	2 170.00	44.16	47.20	52.44
	256QAM	2 120.00	44.27	2 170.00	44.21	47.25	53.12
1	QPSK	2 120.00	44.61	2 170.00	44.39	47.51	56.41
	16QAM	2 120.00	44.51	2 170.00	44.48	47.50	56.30
	64QAM	2 120.00	44.55	2 170.00	44.53	47.55	56.86
	256QAM	2 120.00	44.56	2 170.00	44.44	47.51	56.39
2	QPSK	2 120.00	44.49	2 170.00	44.16	47.34	54.18
	16QAM	2 120.00	44.43	2 170.00	44.12	47.29	53.61
	64QAM	2 120.00	44.48	2 170.00	44.13	47.32	53.92
	256QAM	2 120.00	44.46	2 170.00	44.10	47.29	53.62
3	QPSK	2 120.00	44.34	2 170.00	44.13	47.24	53.01
	16QAM	2 120.00	44.32	2 170.00	44.15	47.25	53.03
	64QAM	2 120.00	44.35	2 170.00	44.17	47.27	53.36
	256QAM	2 120.00	44.32	2 170.00	44.16	47.25	53.10

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	216.12	215.62	216.58	216.24

**(4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
[4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + DSS B66 10 MHz + DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	39.63	2 167.50	46.26	47.11	51.45
	16QAM	2 112.50	39.73	2 167.50	46.64	47.44	55.50
	64QAM	2 112.50	39.70	2 167.50	46.64	47.44	55.48
	256QAM	2 112.50	39.64	2 167.50	46.60	47.40	54.92
1	QPSK	2 112.50	39.97	2 167.50	46.32	47.23	52.82
	16QAM	2 112.50	40.01	2 167.50	46.92	47.72	59.20
	64QAM	2 112.50	39.95	2 167.50	46.85	47.65	58.25
	256QAM	2 112.50	39.96	2 167.50	46.82	47.64	58.03
2	QPSK	2 112.50	39.92	2 167.50	46.14	47.07	50.90
	16QAM	2 112.50	39.86	2 167.50	46.51	47.36	54.46
	64QAM	2 112.50	39.70	2 167.50	46.53	47.35	54.34
	256QAM	2 112.50	39.85	2 167.50	46.52	47.37	54.56
3	QPSK	2 112.50	39.79	2 167.50	46.35	47.22	52.72
	16QAM	2 112.50	39.81	2 167.50	46.58	47.41	55.03
	64QAM	2 112.50	39.73	2 167.50	46.63	47.44	55.46
	256QAM	2 112.50	39.80	2 167.50	46.70	47.51	56.30

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 167.50	207.90	224.20	223.54	223.81



**(4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
[4 Carrier] [3C+1C]**

Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + DSS B66 10 MHz		DSS B66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	45.64	2 175.00	42.56	47.38	54.64
	16QAM	2 120.00	45.67	2 175.00	42.52	47.39	54.77
	64QAM	2 120.00	45.69	2 175.00	42.66	47.44	55.47
	256QAM	2 120.00	45.71	2 175.00	42.66	47.46	55.71
1	QPSK	2 120.00	45.96	2 175.00	42.86	47.69	58.77
	16QAM	2 120.00	45.91	2 175.00	42.81	47.64	58.14
	64QAM	2 120.00	45.96	2 175.00	42.93	47.72	59.11
	256QAM	2 120.00	46.03	2 175.00	42.83	47.73	59.30
2	QPSK	2 120.00	45.86	2 175.00	42.48	47.50	56.24
	16QAM	2 120.00	45.86	2 175.00	42.36	47.46	55.77
	64QAM	2 120.00	45.93	2 175.00	42.54	47.57	57.11
	256QAM	2 120.00	45.92	2 175.00	42.49	47.55	56.87
3	QPSK	2 120.00	45.67	2 175.00	42.69	47.44	55.50
	16QAM	2 120.00	45.81	2 175.00	42.65	47.52	56.49
	64QAM	2 120.00	45.80	2 175.00	42.73	47.54	56.80
	256QAM	2 120.00	45.79	2 175.00	42.74	47.54	56.71

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 175.00	225.16	225.17	228.49	228.59

**(4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier  
[4 Carrier] [1C+3C]**

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + DSS B66 10 MHz + DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	38.41	2 162.50	46.56	47.18	52.27
	16QAM	2 112.50	38.53	2 162.50	46.88	47.48	55.92
	64QAM	2 112.50	38.42	2 162.50	46.80	47.38	54.76
	256QAM	2 112.50	38.47	2 162.50	46.91	47.49	56.11
1	QPSK	2 112.50	38.72	2 162.50	46.63	47.28	53.49
	16QAM	2 112.50	38.74	2 162.50	47.01	47.61	57.70
	64QAM	2 112.50	38.61	2 162.50	47.04	47.62	57.80
	256QAM	2 112.50	38.69	2 162.50	47.06	47.65	58.18
2	QPSK	2 112.50	38.59	2 162.50	46.30	46.98	49.92
	16QAM	2 112.50	38.62	2 162.50	46.72	47.34	54.21
	64QAM	2 112.50	38.60	2 162.50	46.78	47.40	54.92
	256QAM	2 112.50	38.60	2 162.50	46.76	47.38	54.71
3	QPSK	2 112.50	38.53	2 162.50	46.34	47.00	50.14
	16QAM	2 112.50	38.52	2 162.50	46.82	47.42	55.21
	64QAM	2 112.50	38.43	2 162.50	46.84	47.43	55.30
	256QAM	2 112.50	38.56	2 162.50	46.89	47.49	56.07

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 162.50	205.82	223.03	222.78	225.08

**(4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier  
[4 Carrier] [3C+1C]**

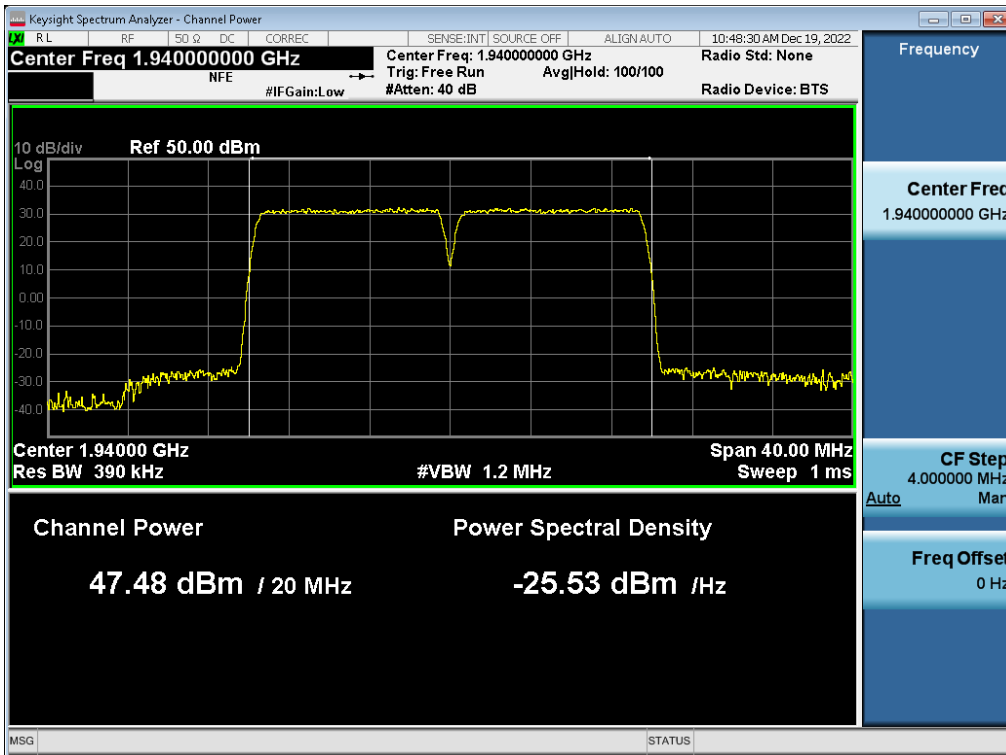
Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + DSS B66 10 MHz		DSS B66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 120.00	44.31	2 170.00	44.36	47.34	54.26
	16QAM	2 120.00	44.28	2 170.00	44.41	47.35	54.37
	64QAM	2 120.00	44.29	2 170.00	44.36	47.33	54.13
	256QAM	2 120.00	44.40	2 170.00	44.25	47.33	54.13
1	QPSK	2 120.00	44.55	2 170.00	44.59	47.58	57.29
	16QAM	2 120.00	44.57	2 170.00	44.54	47.56	57.07
	64QAM	2 120.00	44.59	2 170.00	44.53	47.57	57.17
	256QAM	2 120.00	44.58	2 170.00	44.60	47.60	57.57
2	QPSK	2 120.00	44.50	2 170.00	44.23	47.38	54.66
	16QAM	2 120.00	44.52	2 170.00	44.22	47.38	54.73
	64QAM	2 120.00	44.57	2 170.00	44.32	47.46	55.68
	256QAM	2 120.00	44.55	2 170.00	44.24	47.41	55.10
3	QPSK	2 120.00	44.38	2 170.00	44.34	47.37	54.59
	16QAM	2 120.00	44.39	2 170.00	44.32	47.37	54.54
	64QAM	2 120.00	44.45	2 170.00	44.40	47.43	55.37
	256QAM	2 120.00	44.41	2 170.00	44.34	47.38	54.76

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

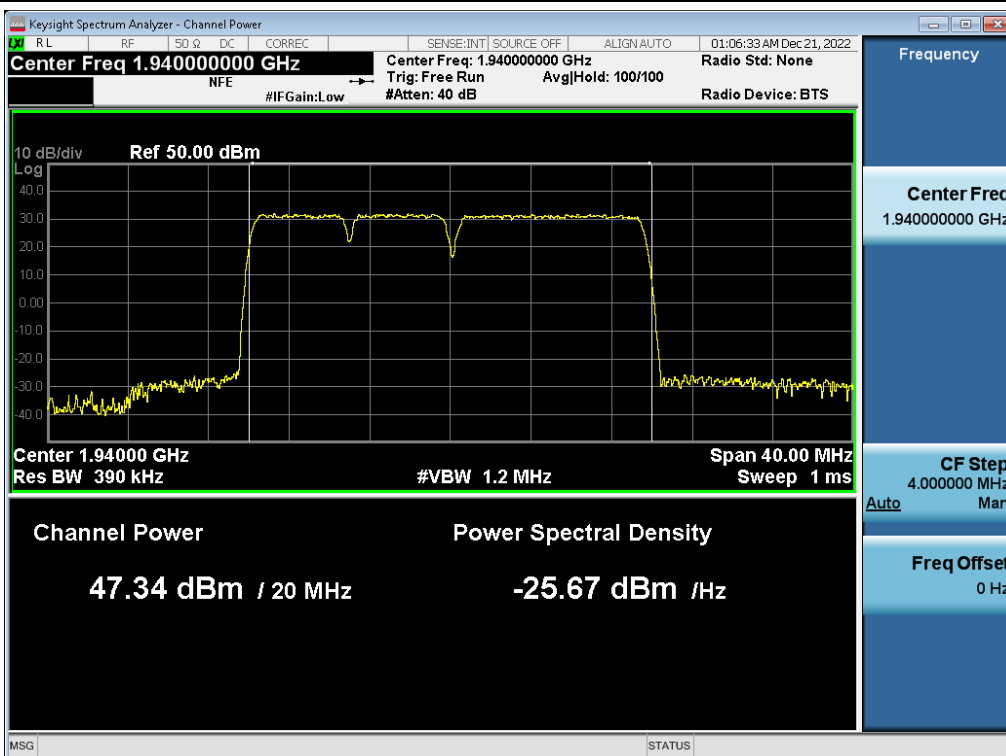
Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	220.80	220.72	222.36	221.57

Plot Data of RF Output Power

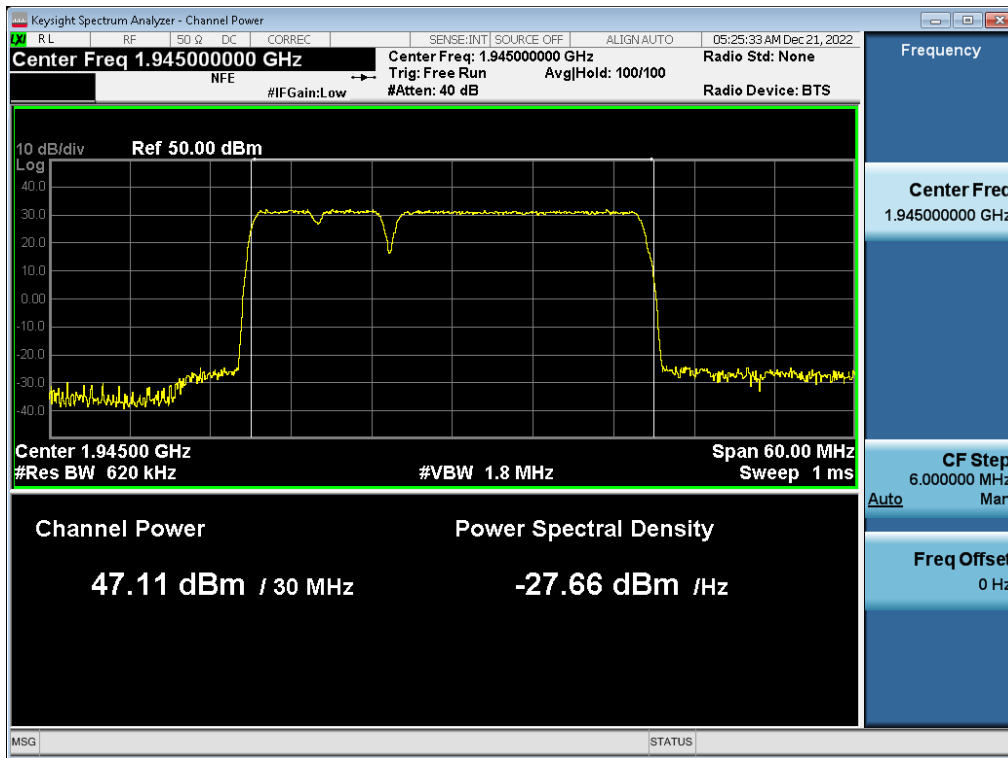
Antenna 0 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier] / QPSK / Low / Contiguous



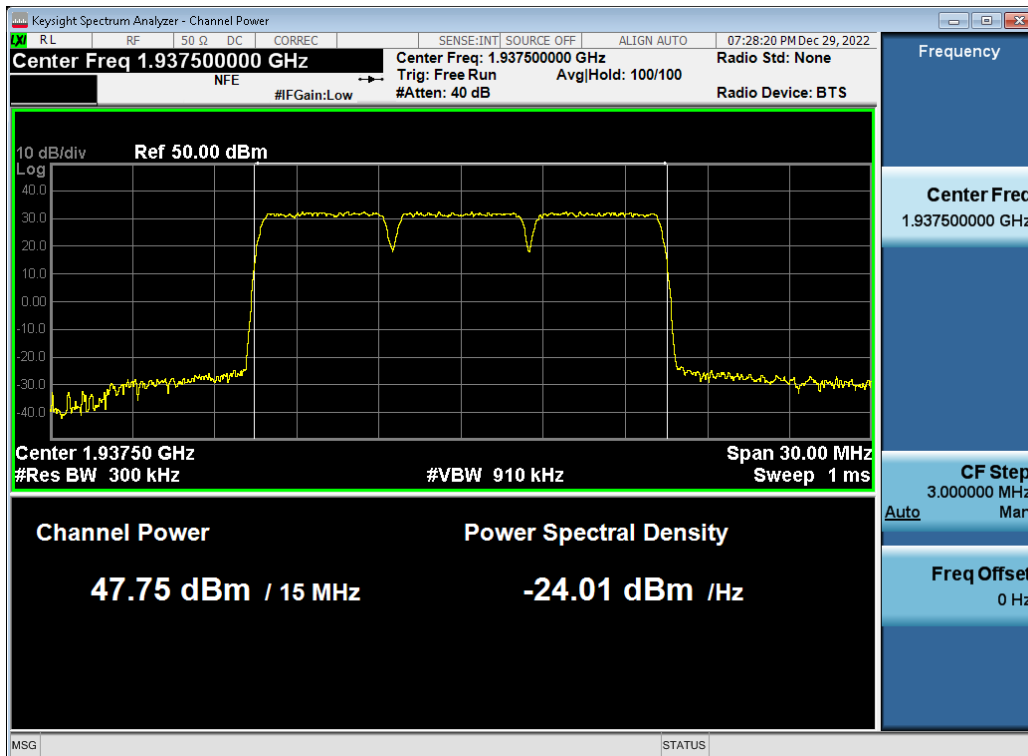
Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] / 256QAM / Low / Contiguous

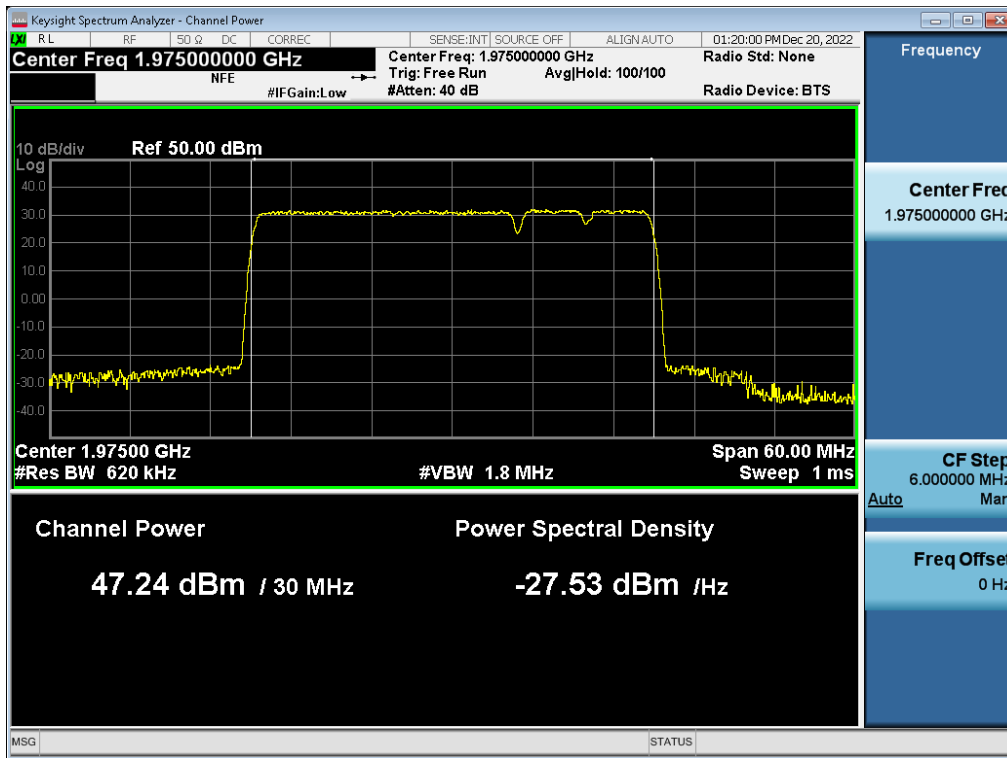
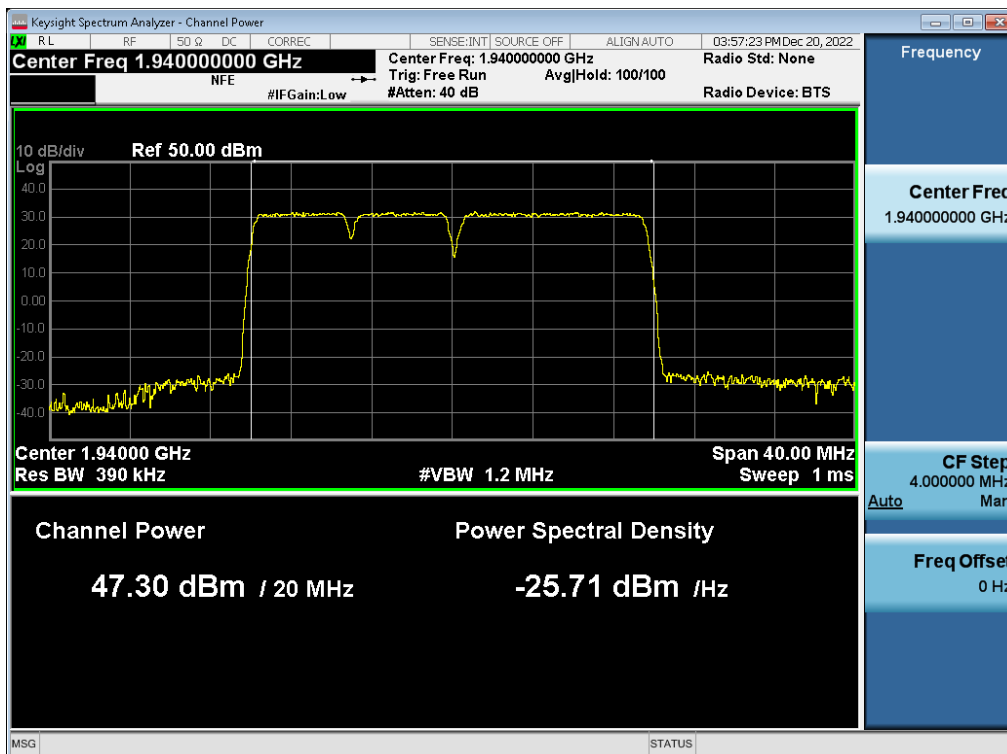


Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] / 256QAM / Low / Contiguous

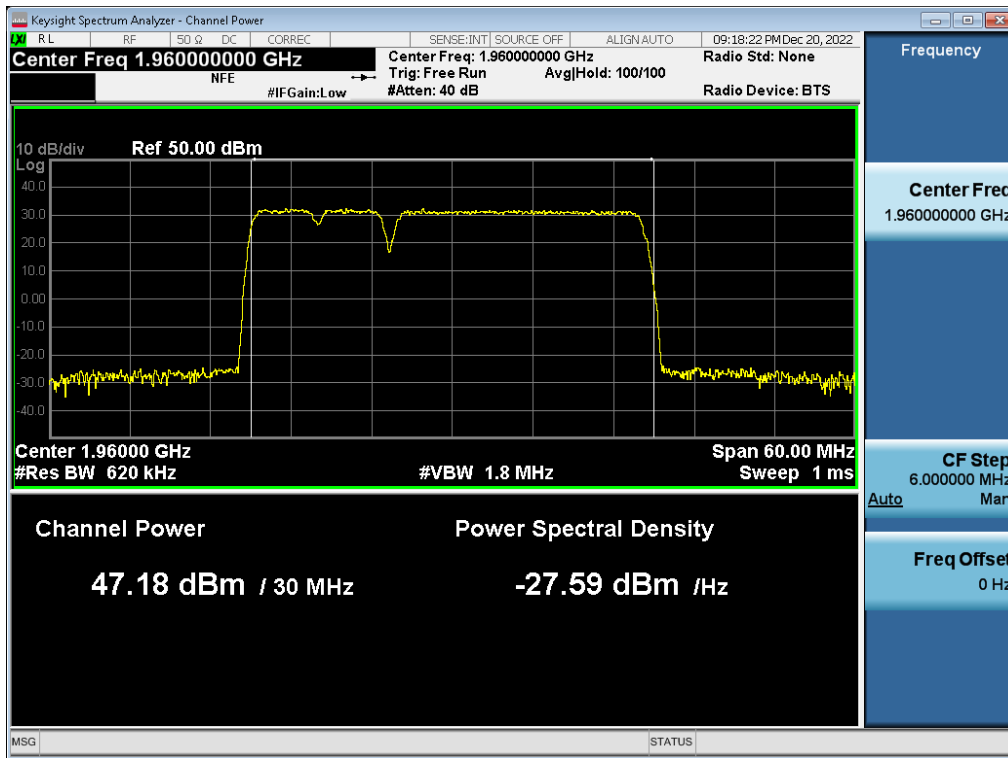


Antenna 0 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] / 256QAM / Low / Contiguous

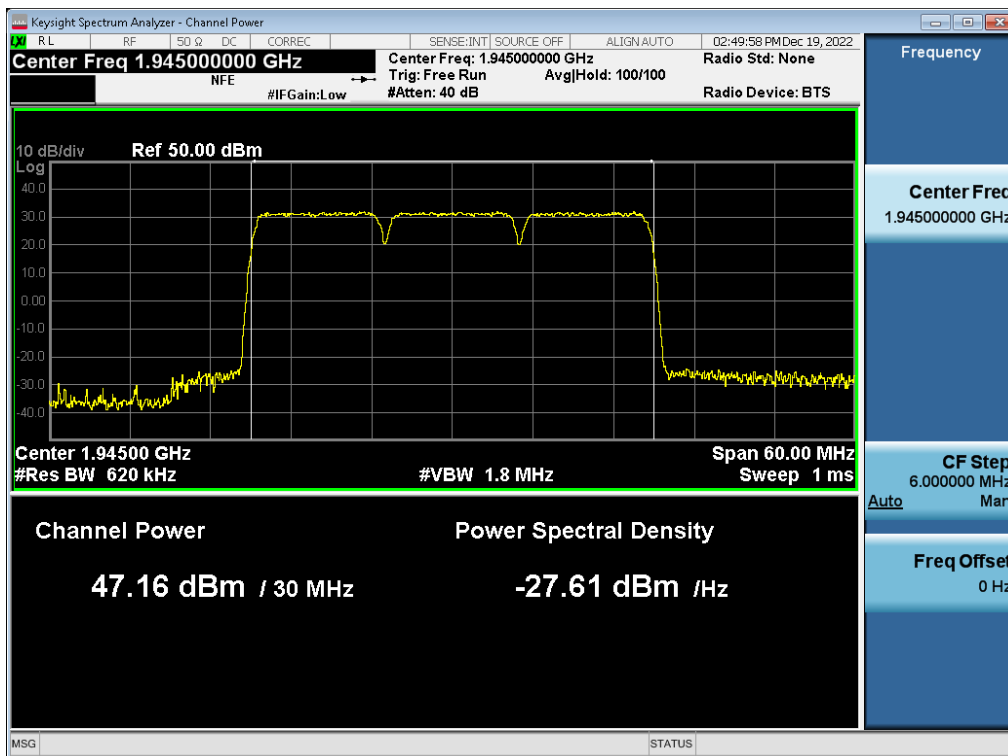


**Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] / 64QAM / High / Contiguous**

**Antenna 0 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] / 256QAM / Low / Contiguous**


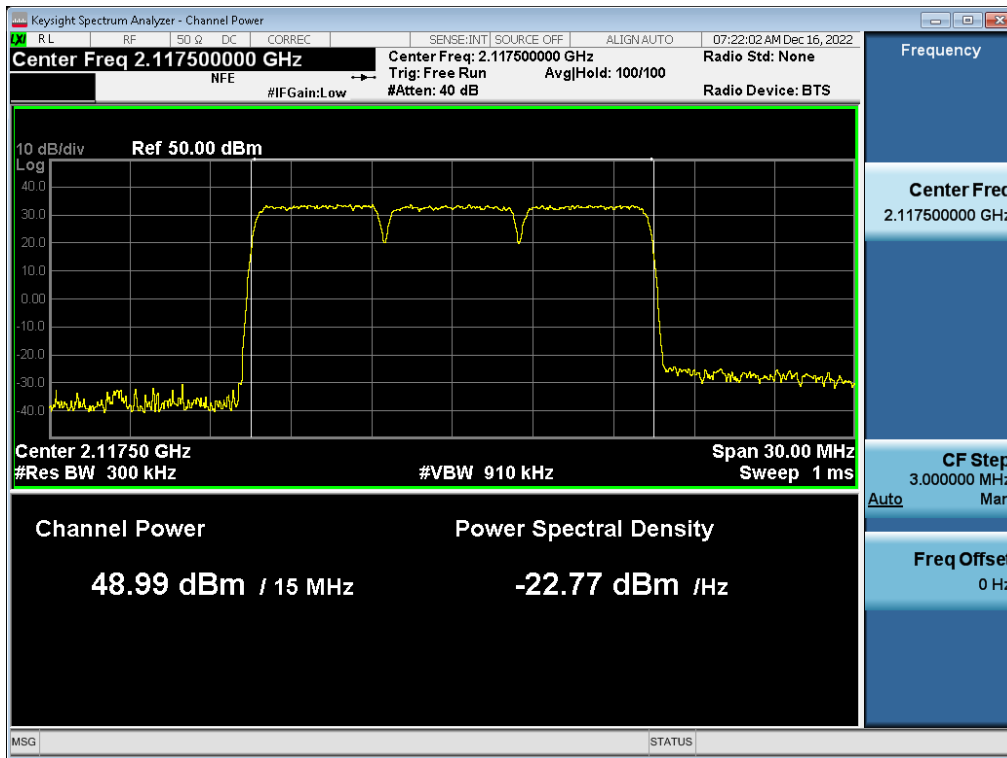
Antenna 0 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] / 256QAM / Middle / Contiguous



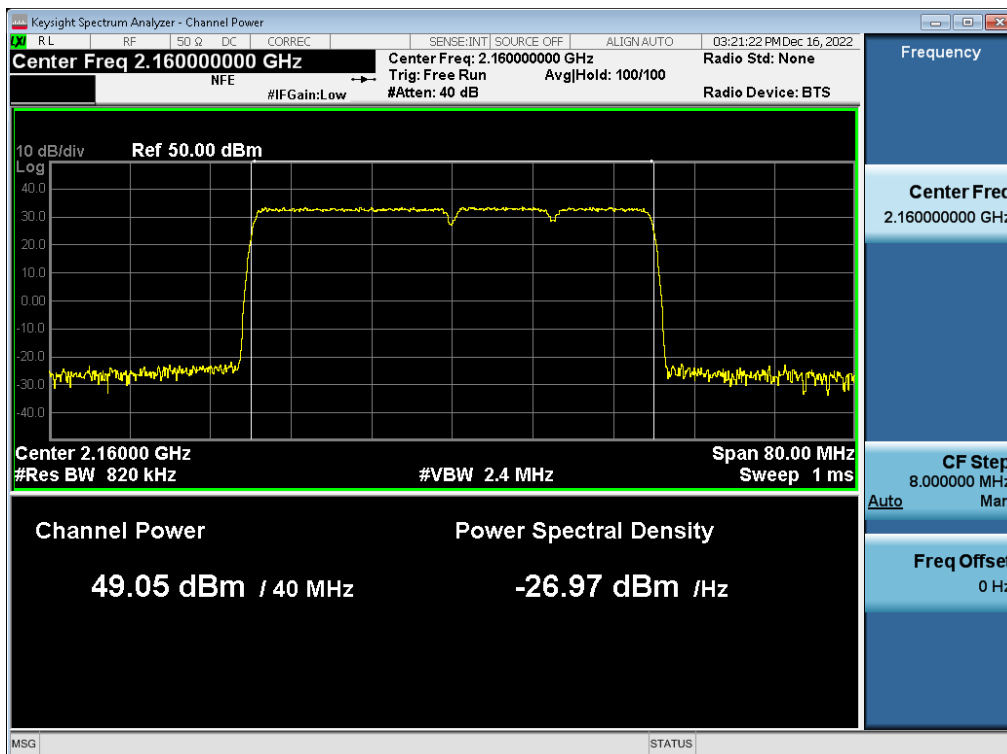
Antenna 0 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] / 64QAM / Low / Contiguous



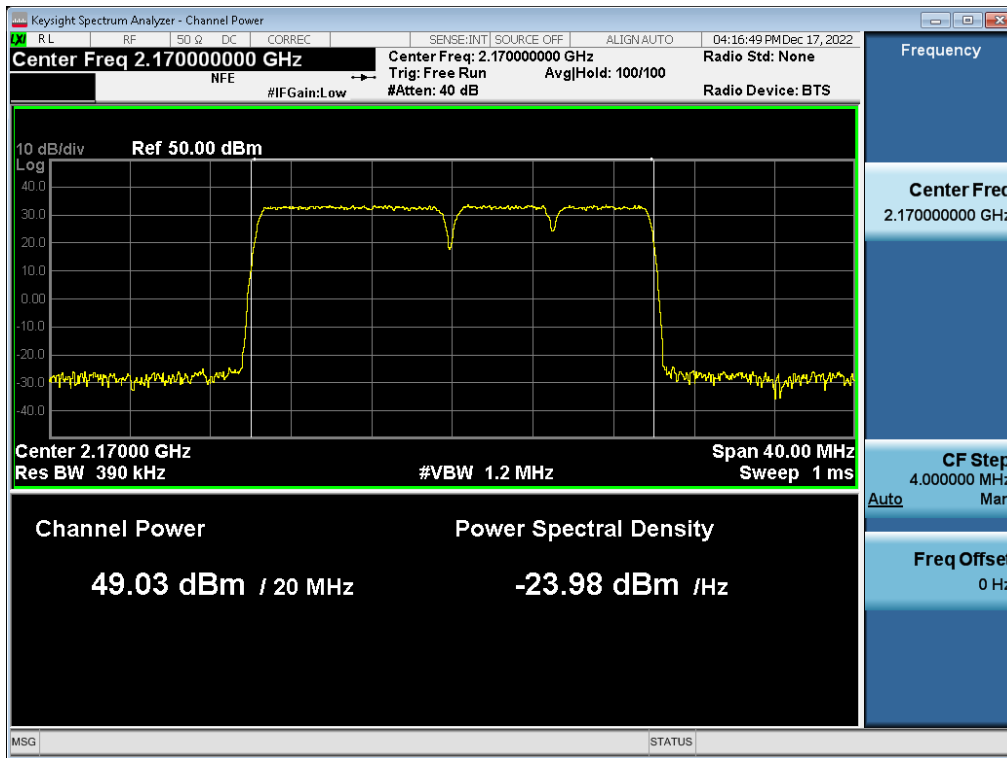
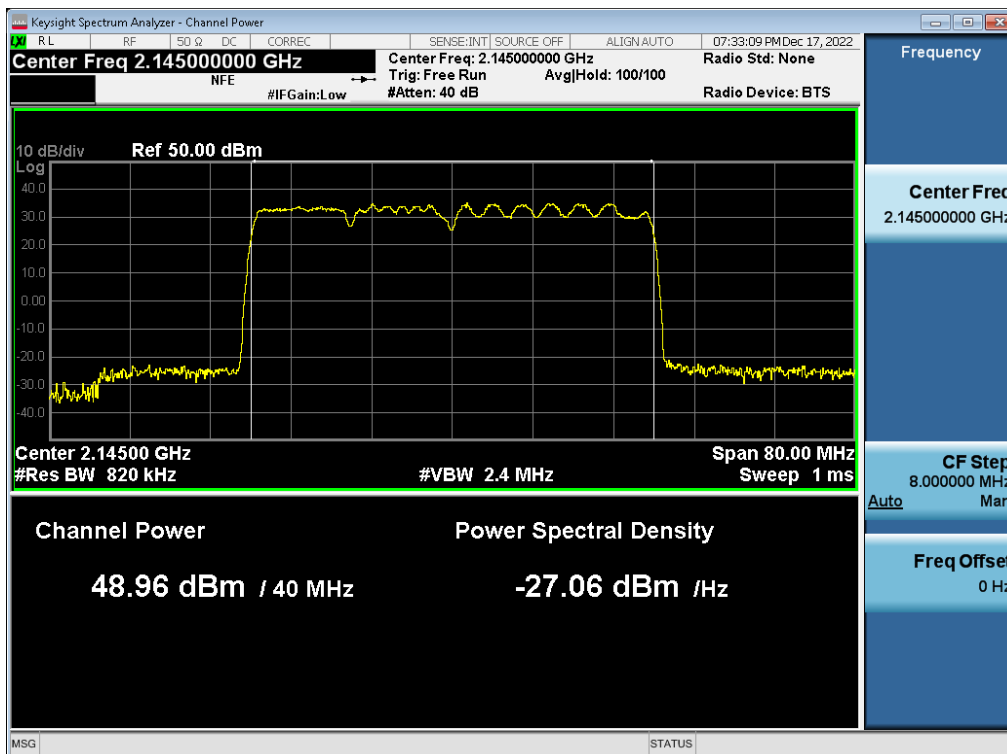
Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] / 64QAM / Low / Contiguous



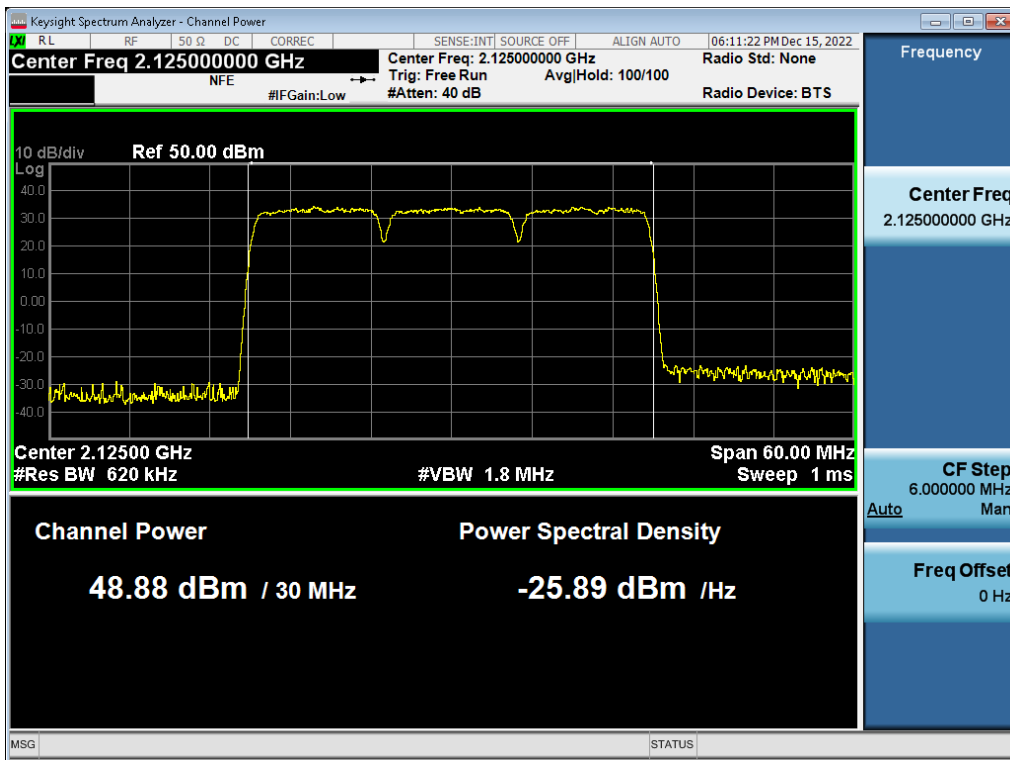
Antenna 1 / (2 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] / 256QAM / High / Contiguous



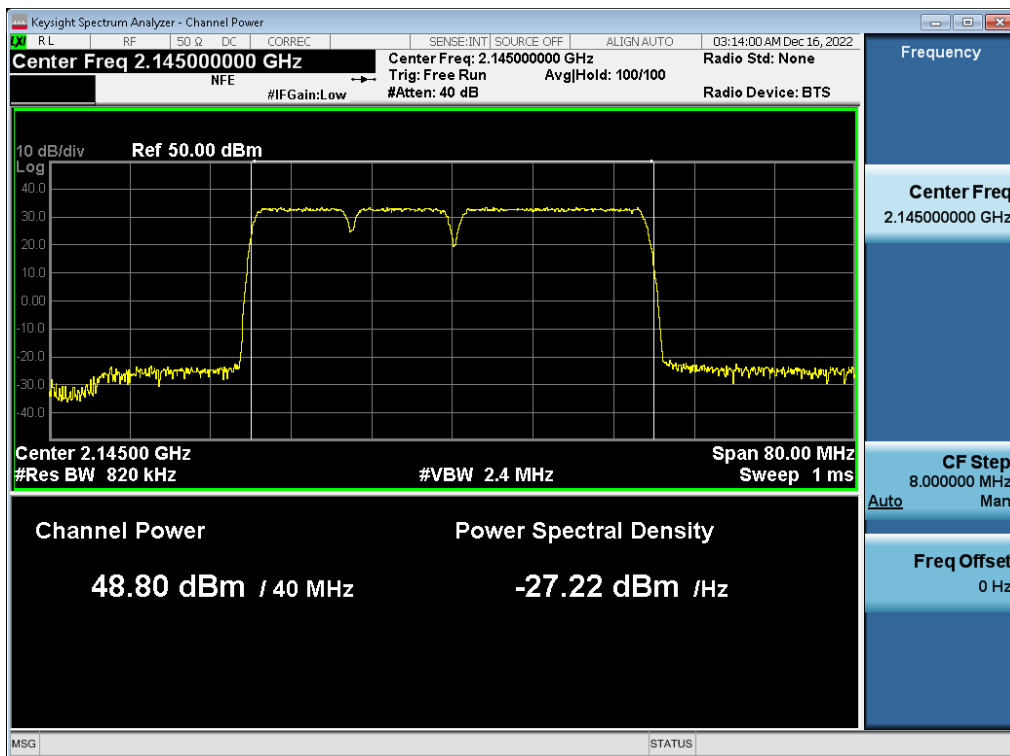


**Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] / 64QAM / High / Contiguous**

**Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] / 16QAM / Middle / Contiguous**


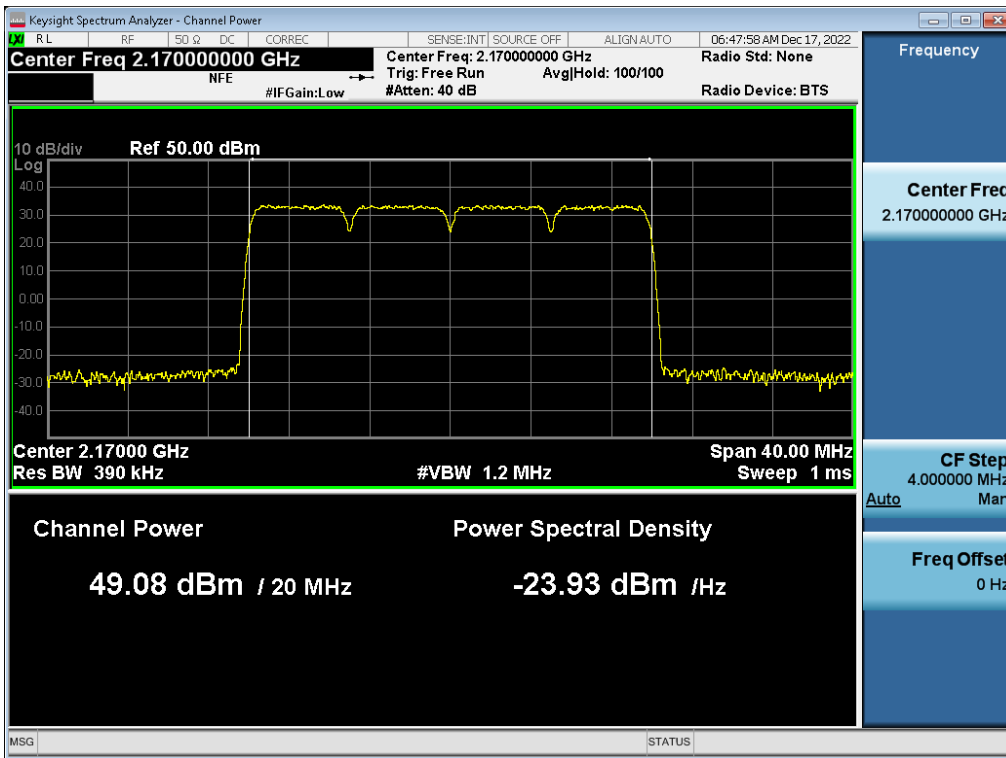
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] / 16QAM / Low / Contiguous



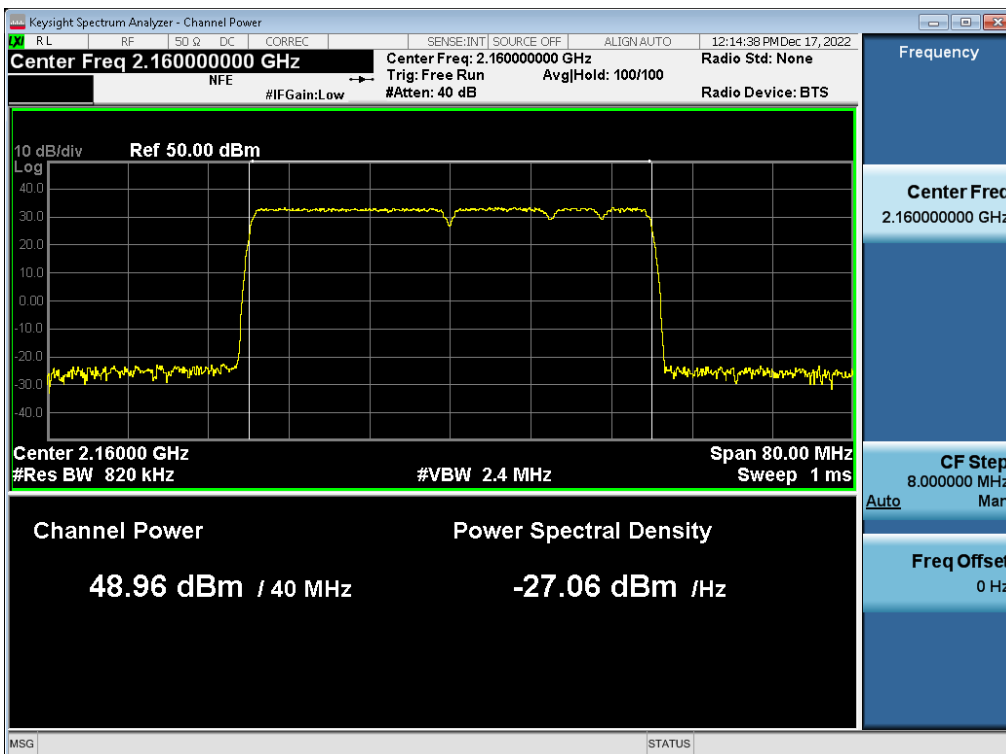
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier] / 64QAM / Middle / Contiguous



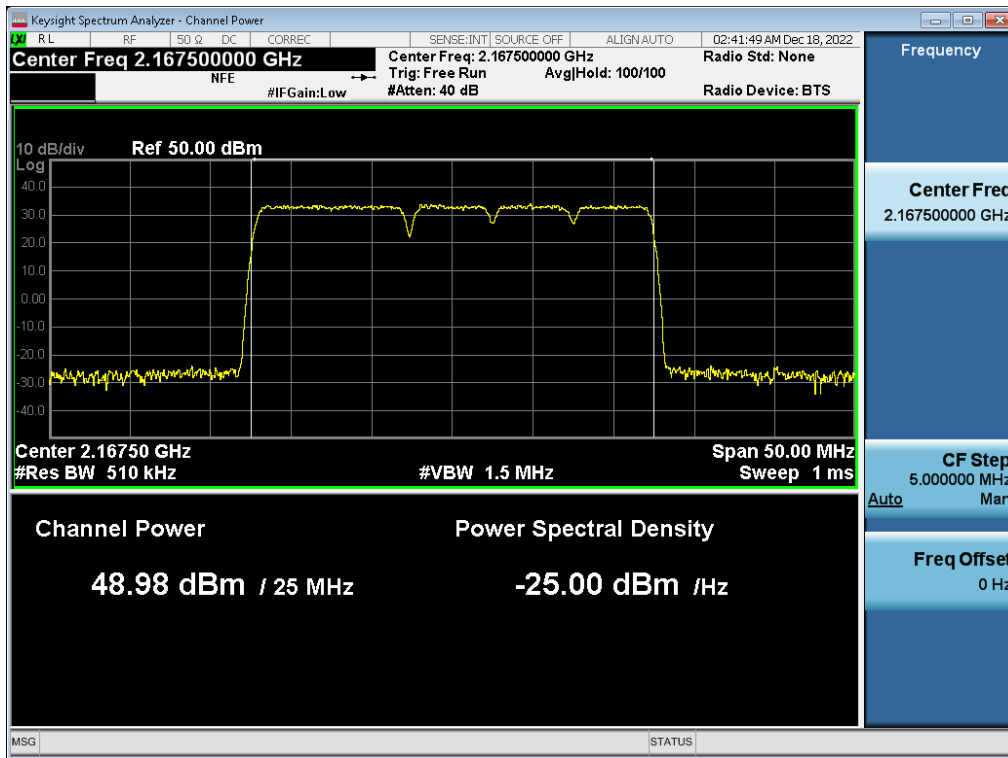
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] / 256QAM / High / Contiguous



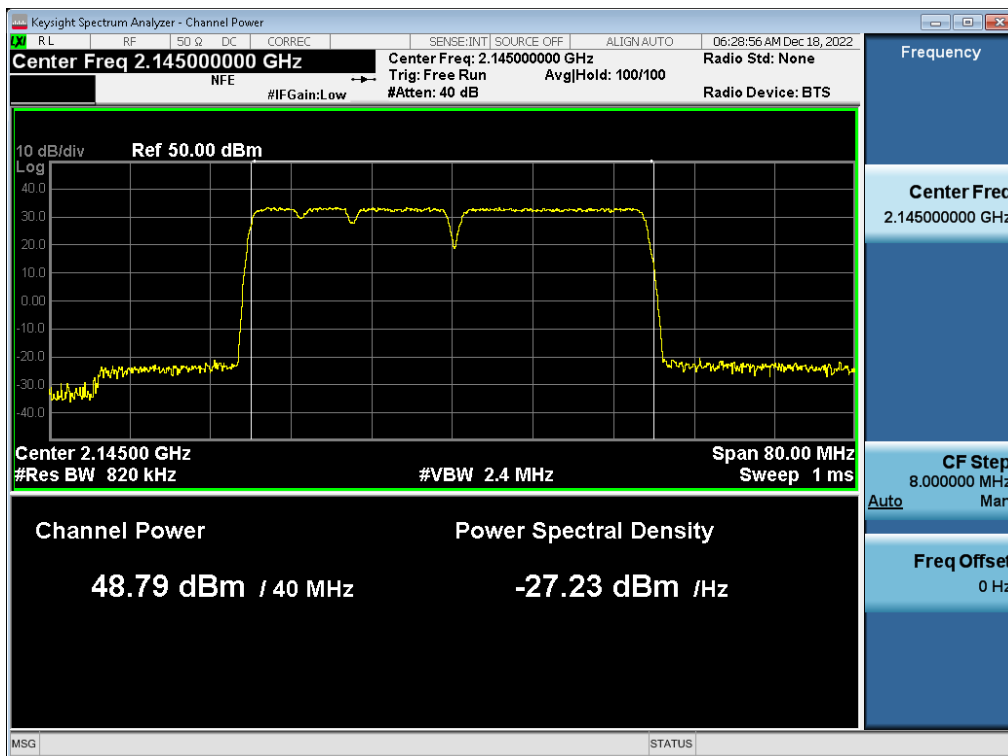
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] / 256QAM / High / Contiguous



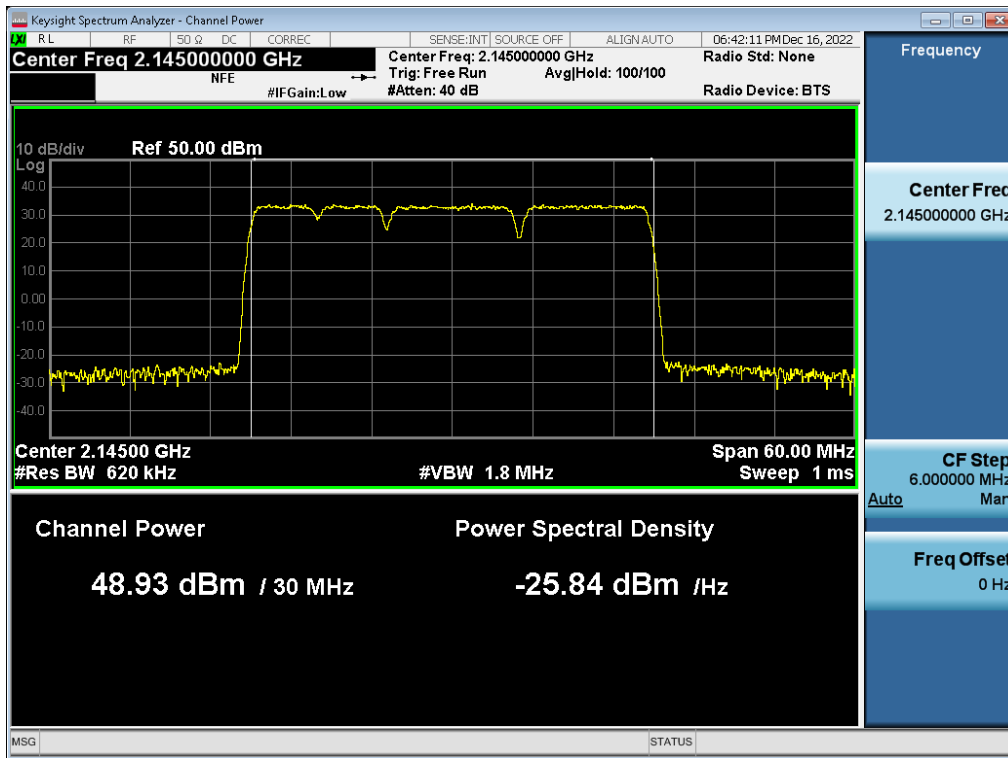
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] / 256QAM / High / Contiguous



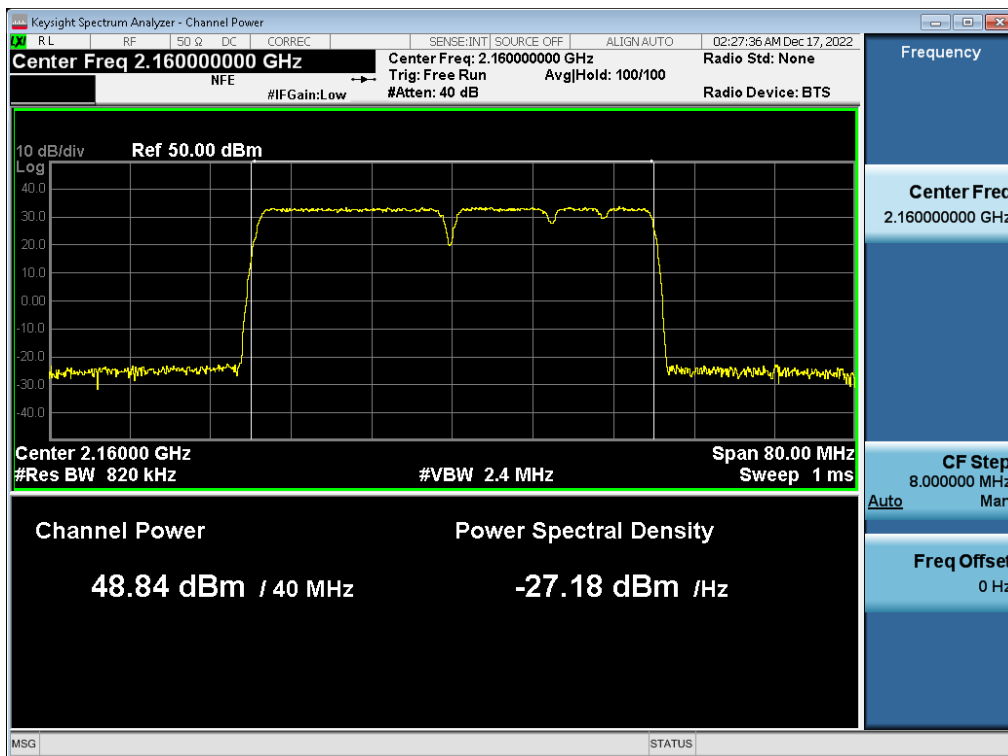
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] / 256QAM / Middle / Contiguous



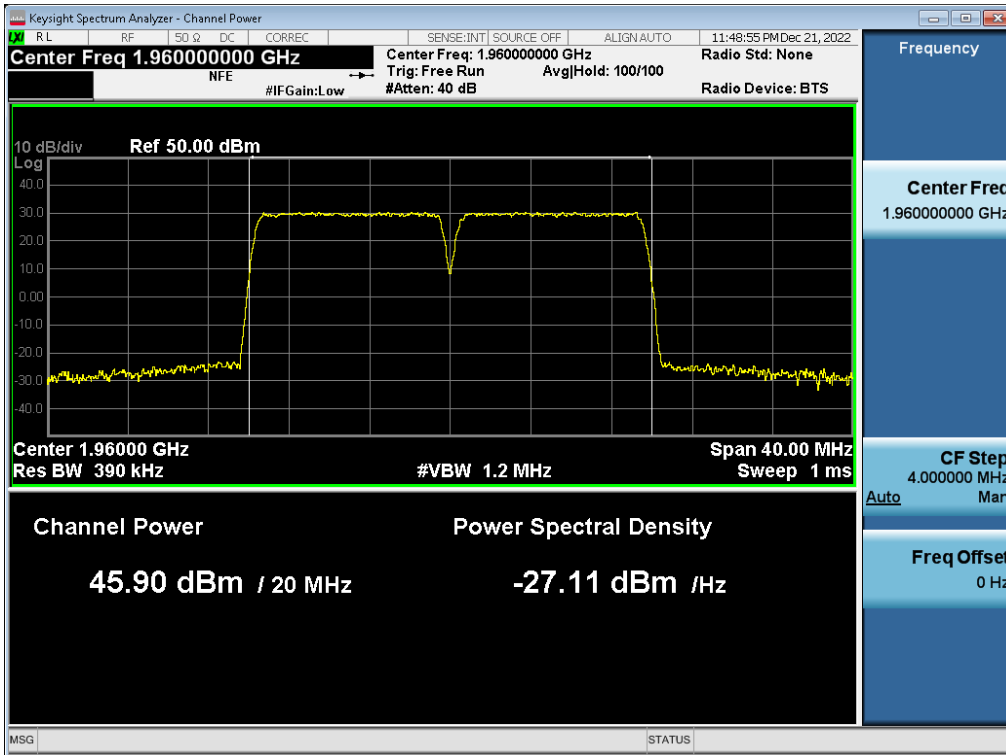
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] / 256QAM / Middle / Contiguous



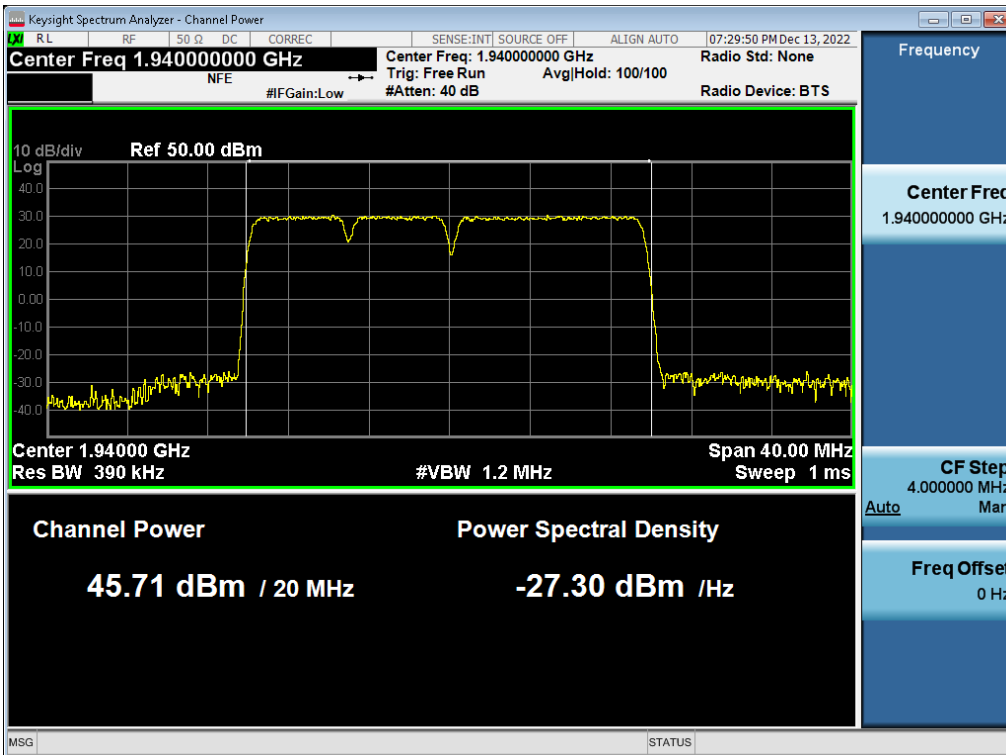
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] / 256QAM / High / Contiguous



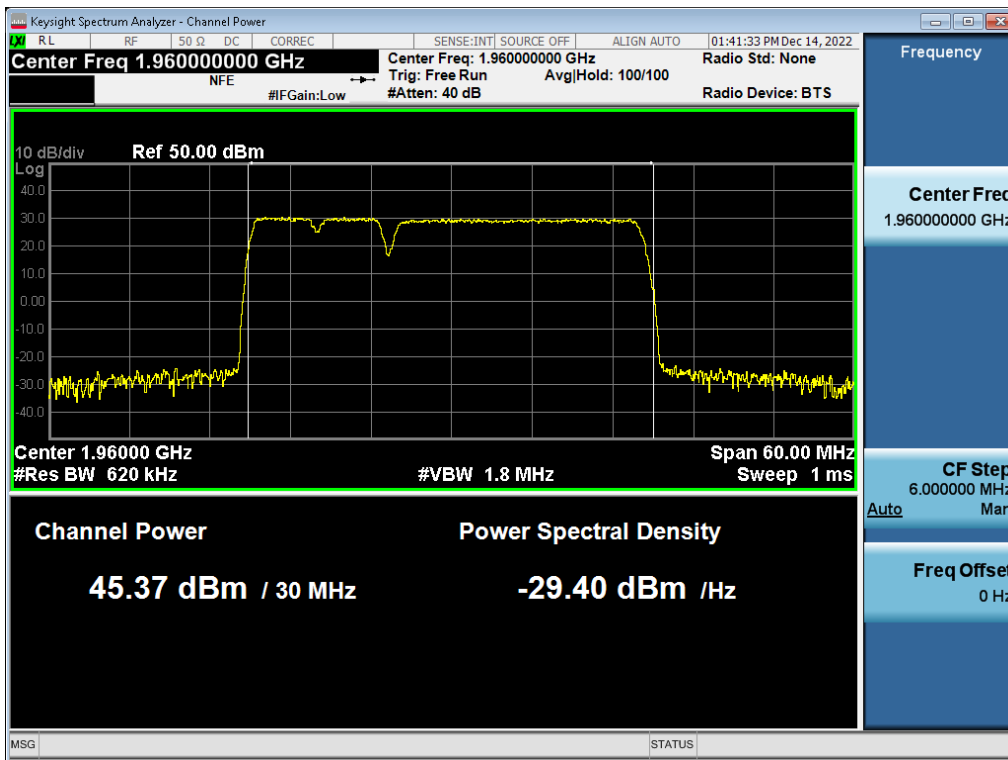
Antenna 3 / (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier] / 256QAM / Middle / Contiguous



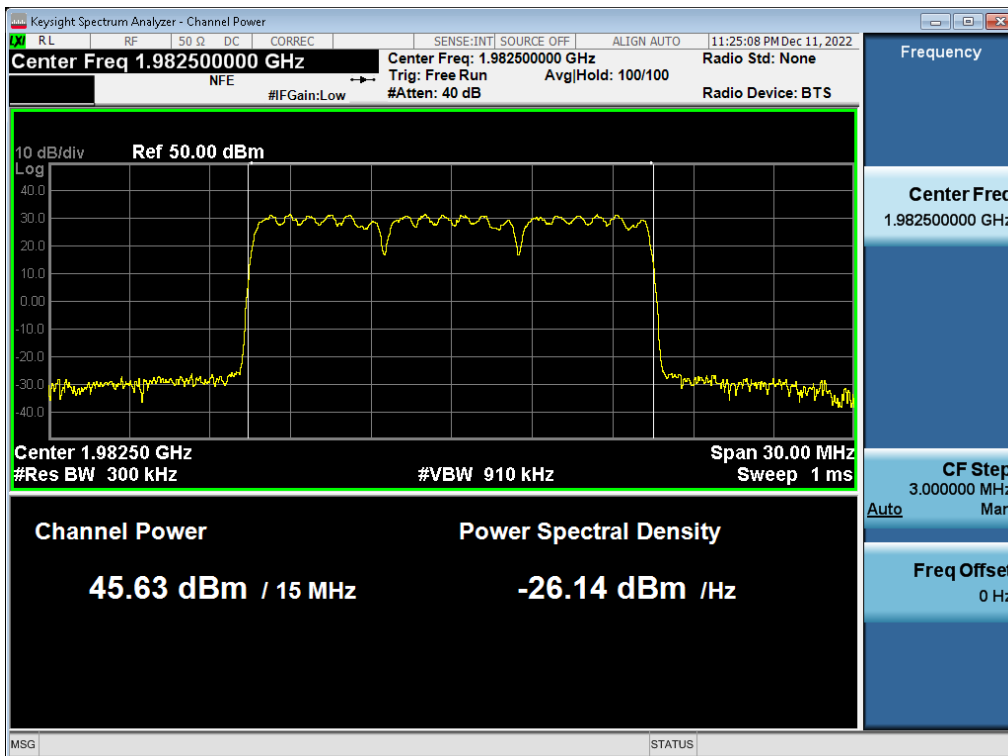
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] / 256QAM / Low / Contiguous



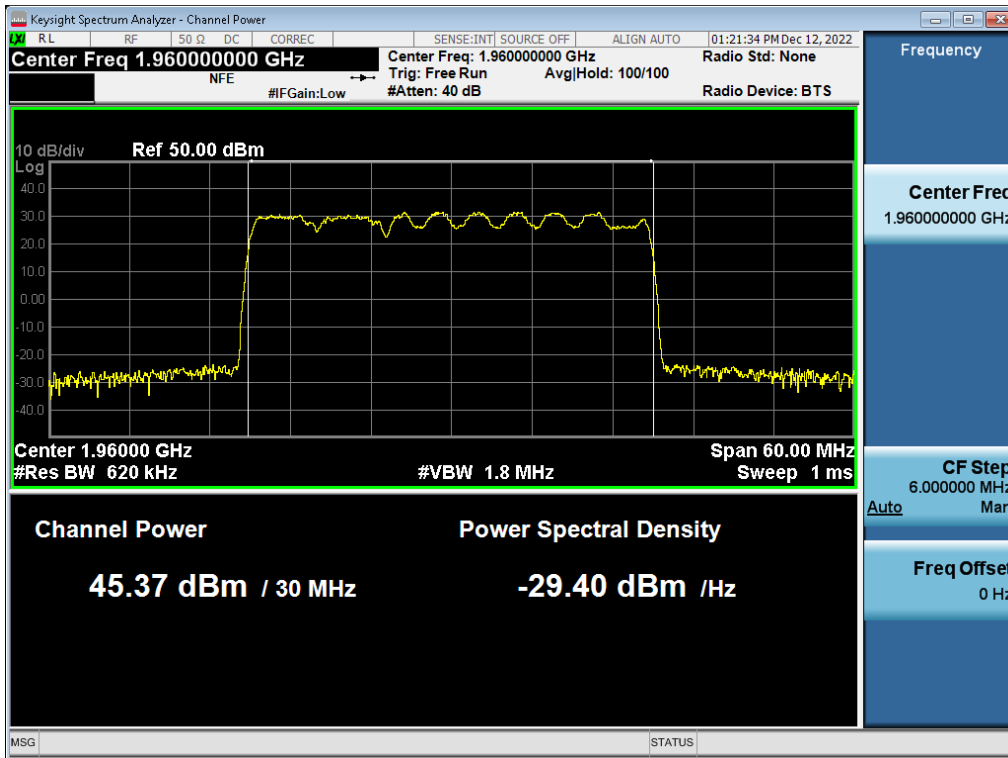
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] / 64QAM / Middle / Contiguous



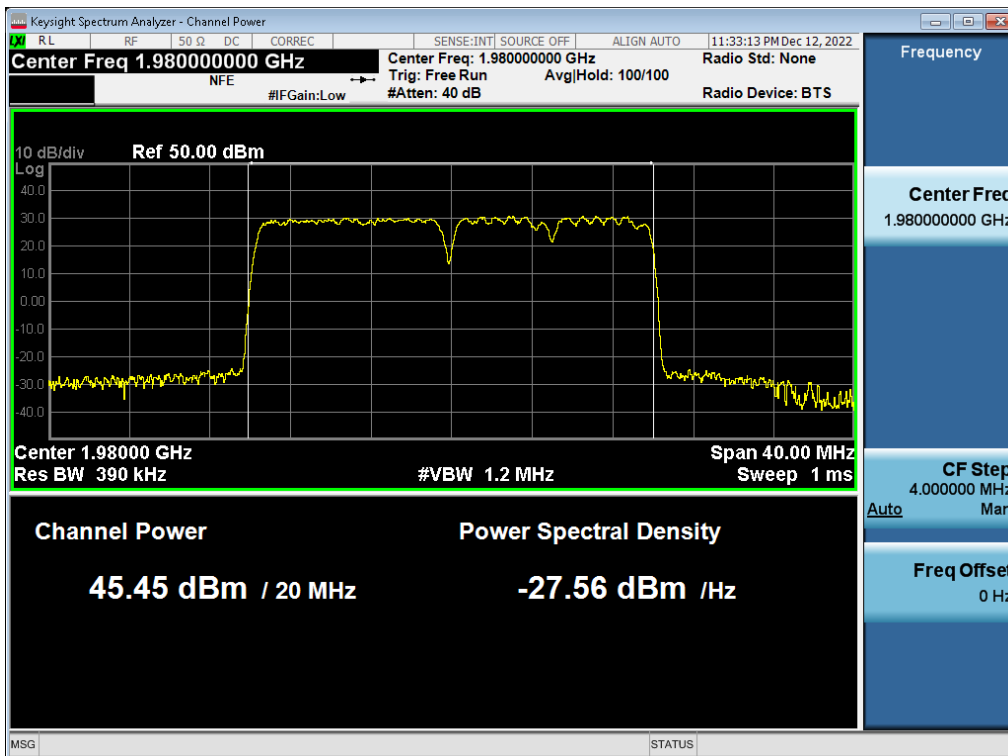
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] / 16QAM / High / Contiguous



Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] / 16QAM / Middle / Contiguous

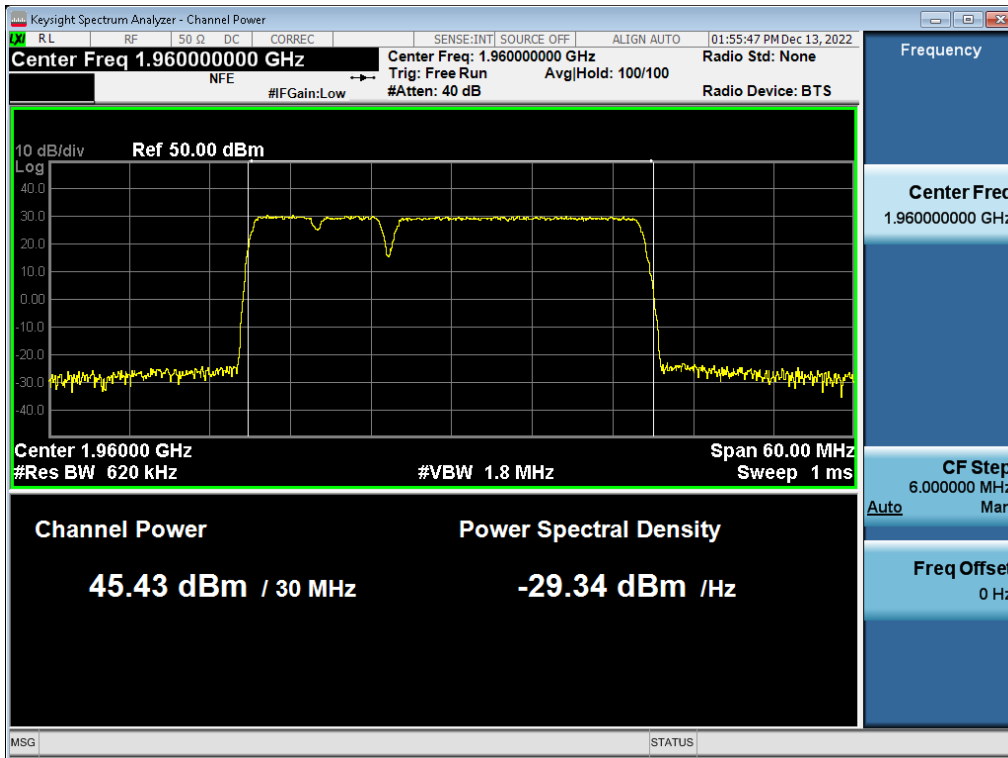


Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] / 16QAM / High / Contiguous

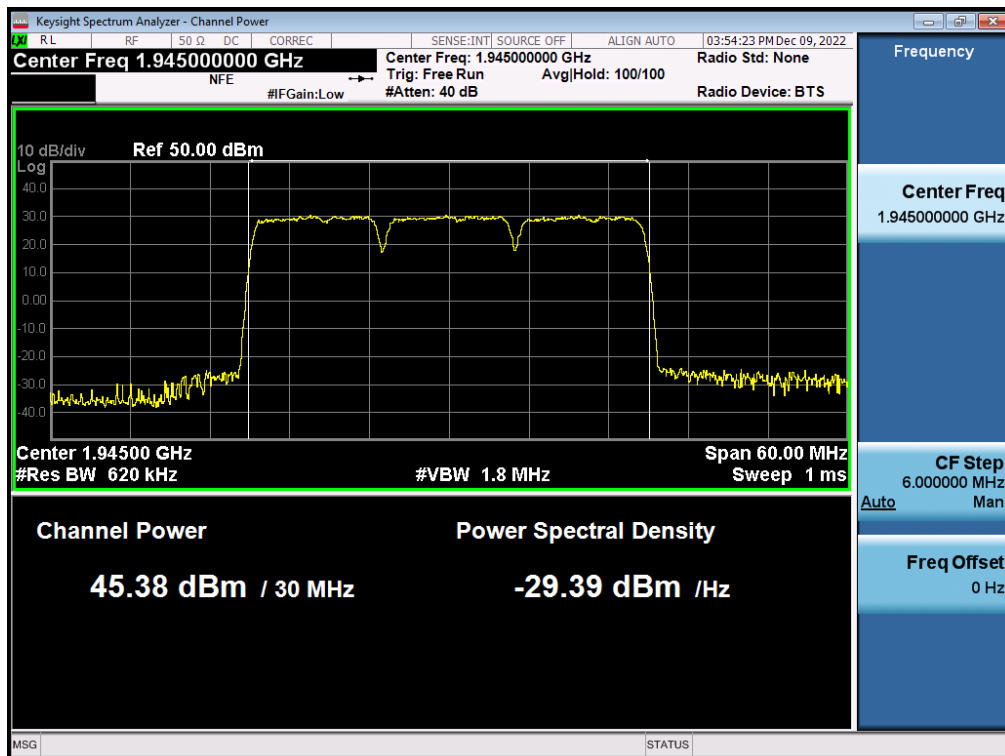




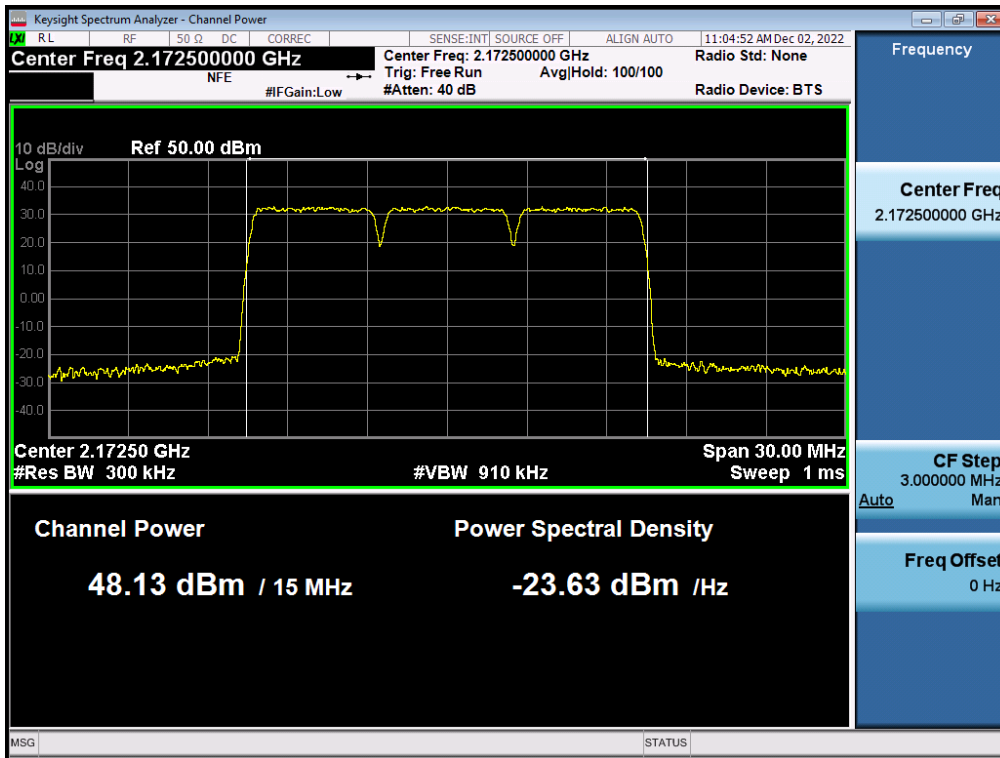
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] / 64QAM / Middle / Contiguous



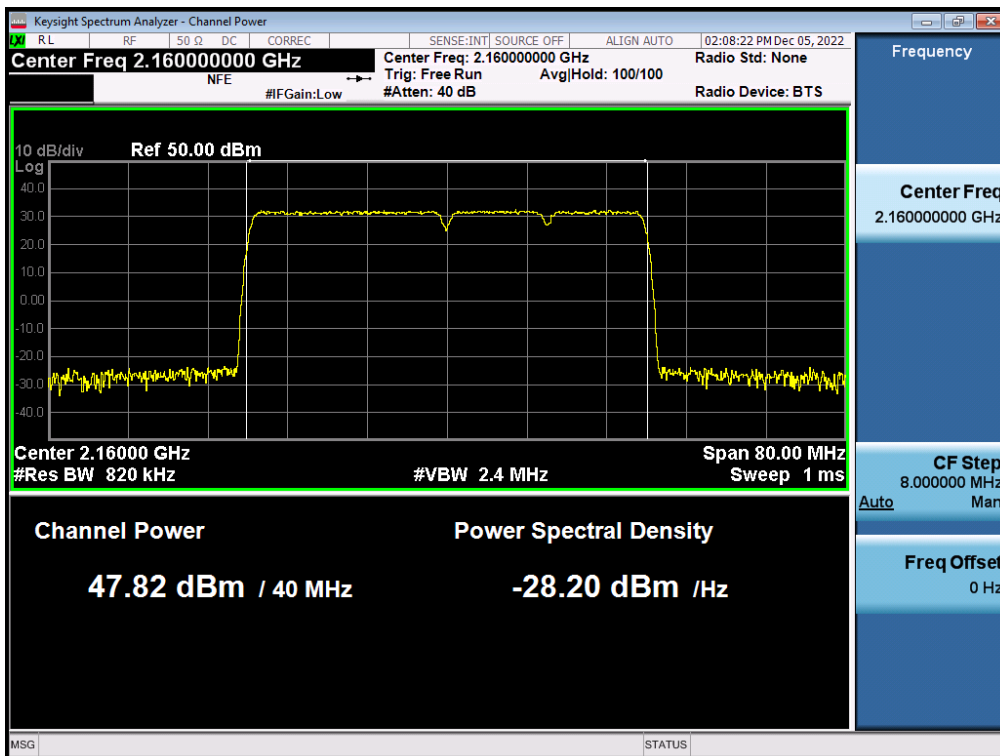
Antenna 2 / (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] / 16QAM / Low / Contiguous



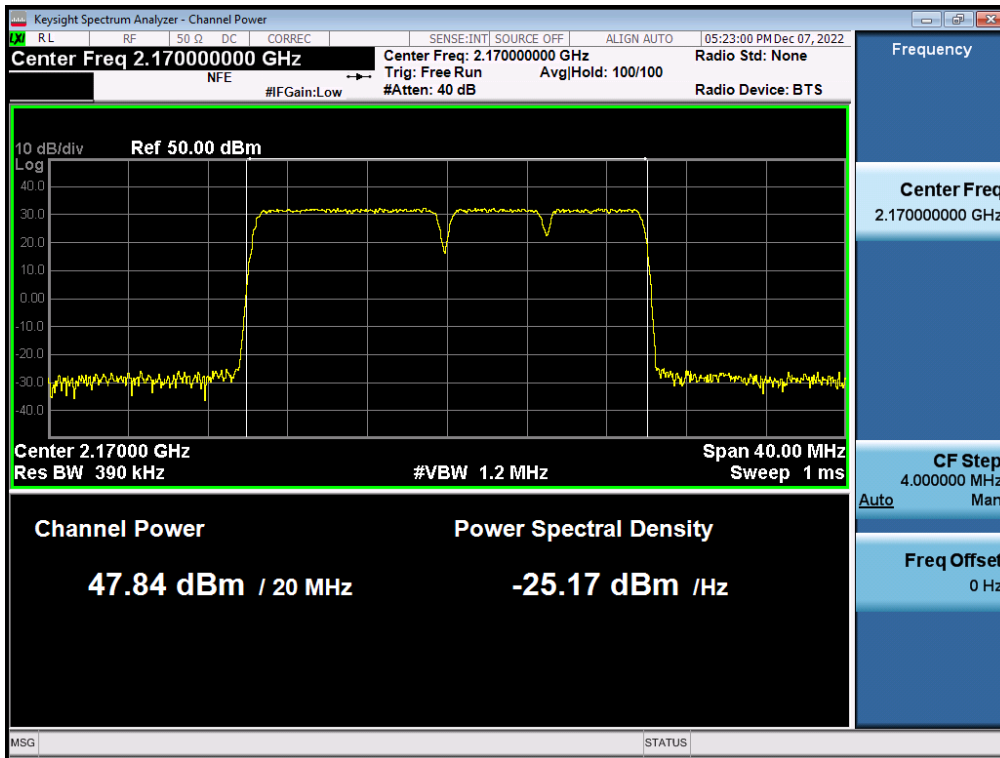
Antenna 3 / (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] / 64QAM / High / Contiguous



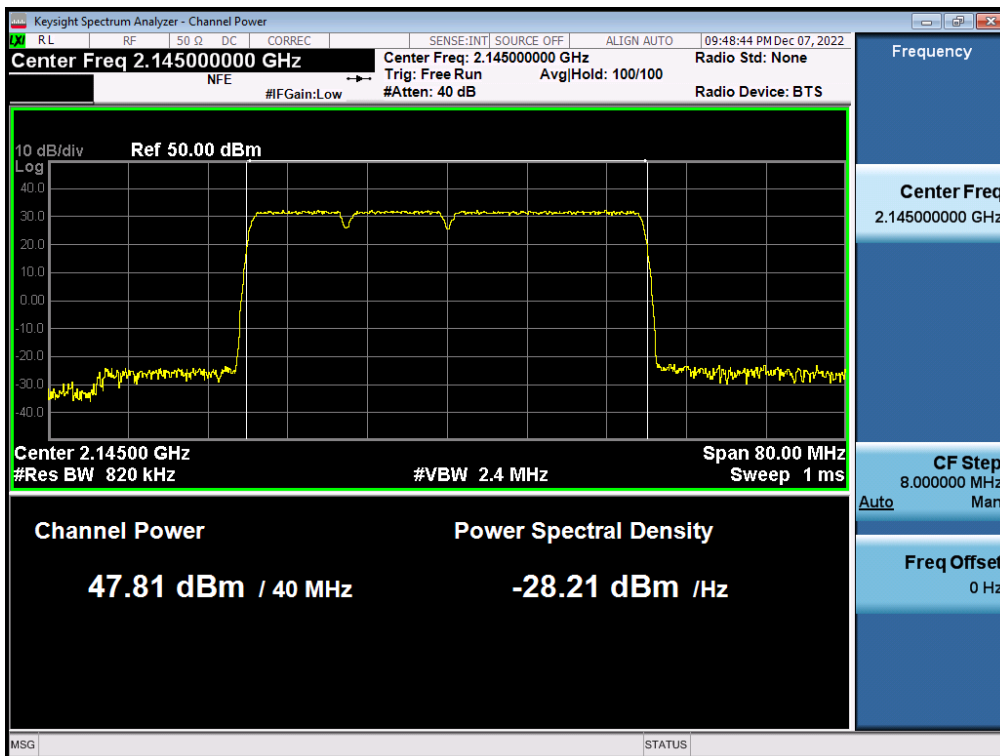
Antenna 1 / (4 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] / 64QAM / High / Contiguous



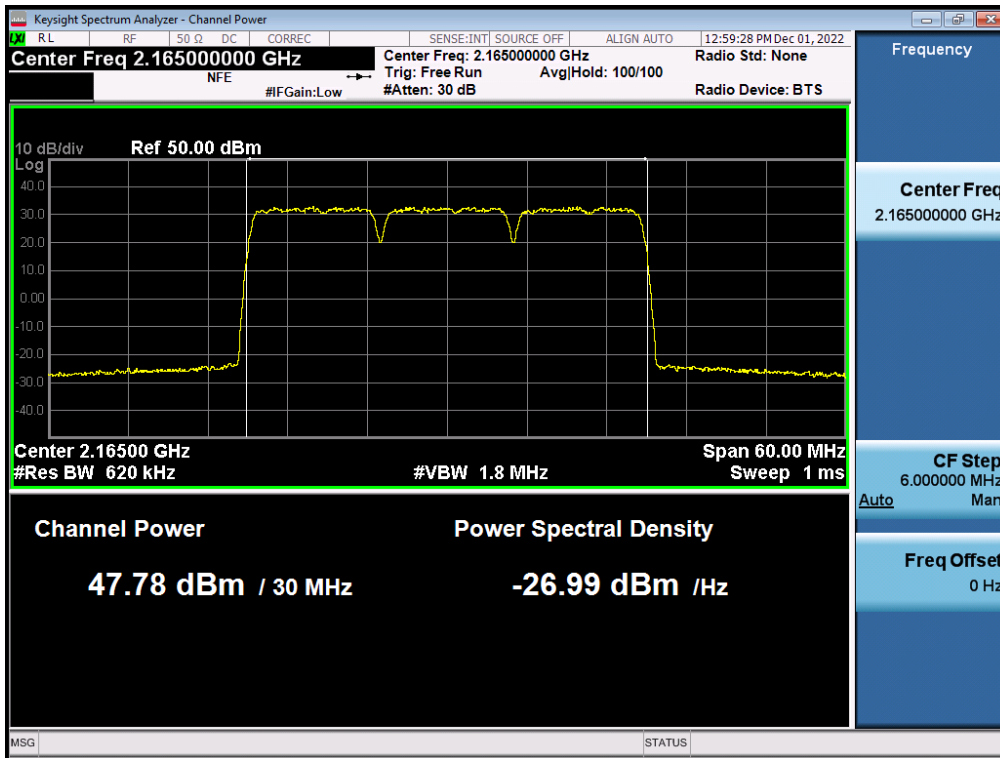
Antenna 1 / (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] / 64QAM / High / Contiguous



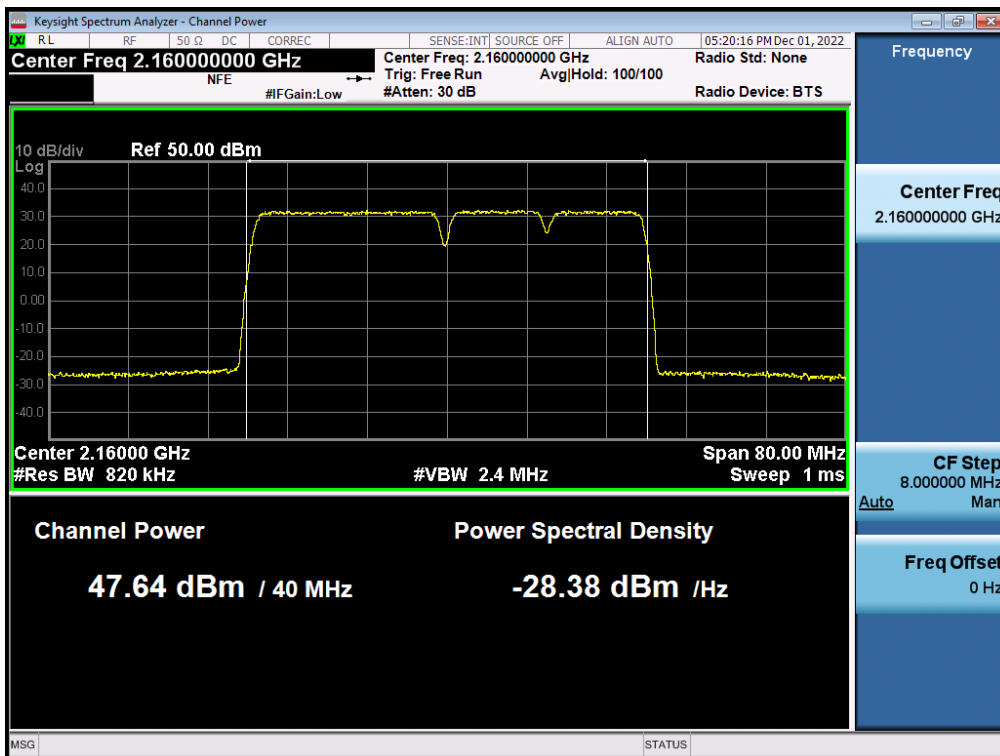
Antenna 1 / (4 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] / 64QAM / Middle / Contiguous



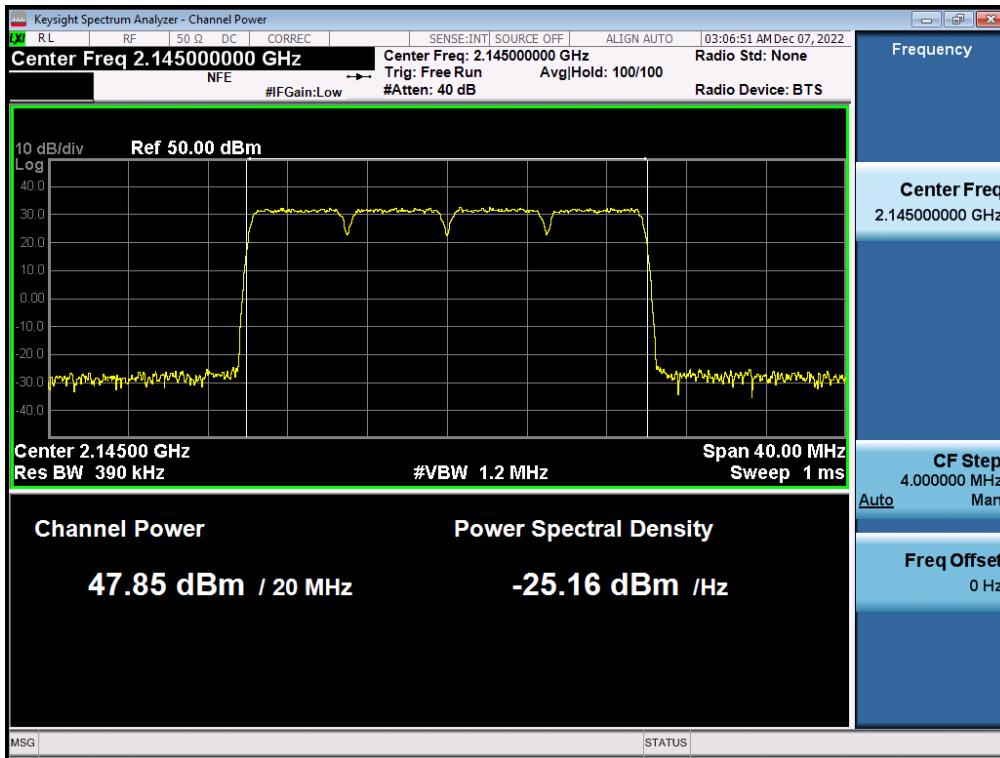
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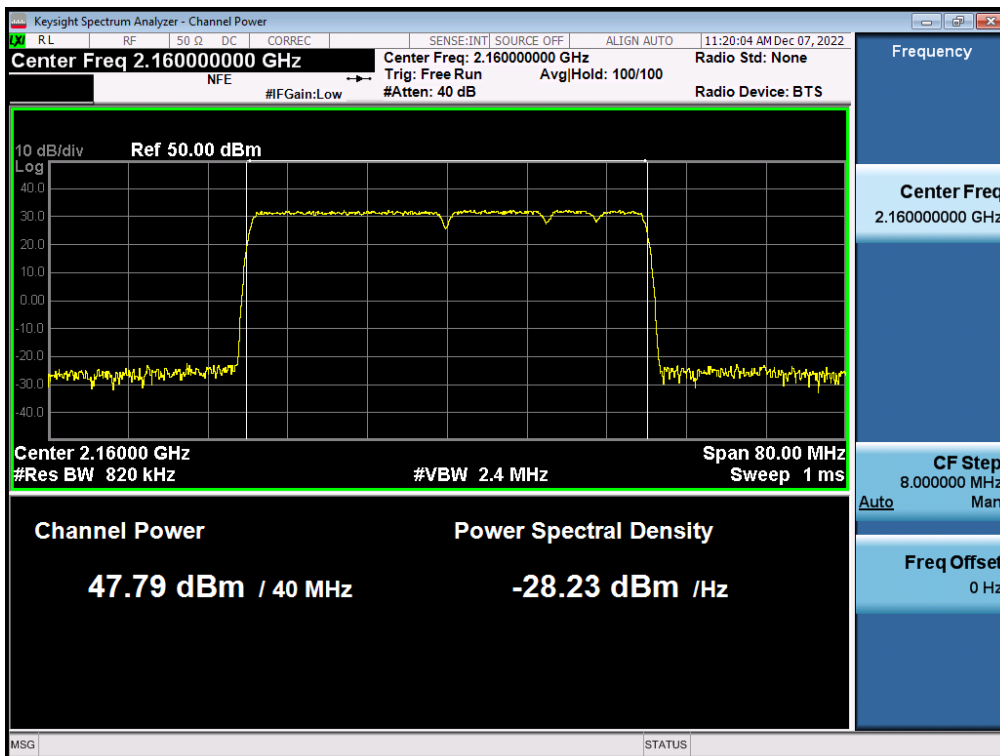
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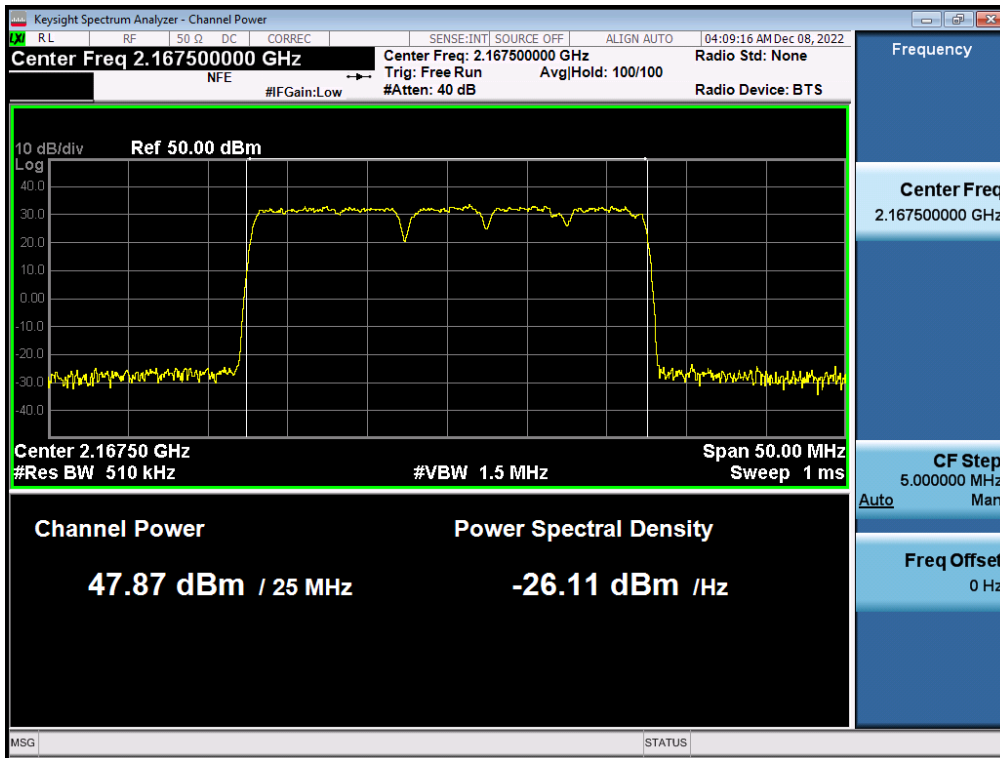
Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] / 64QAM / Middle / Contiguous



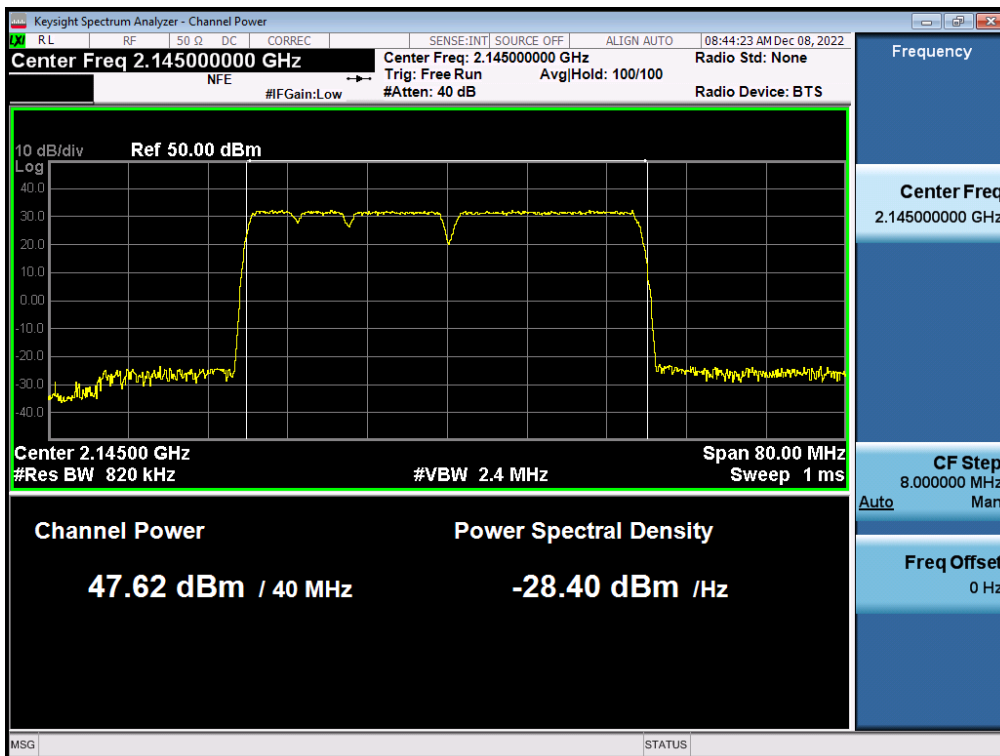
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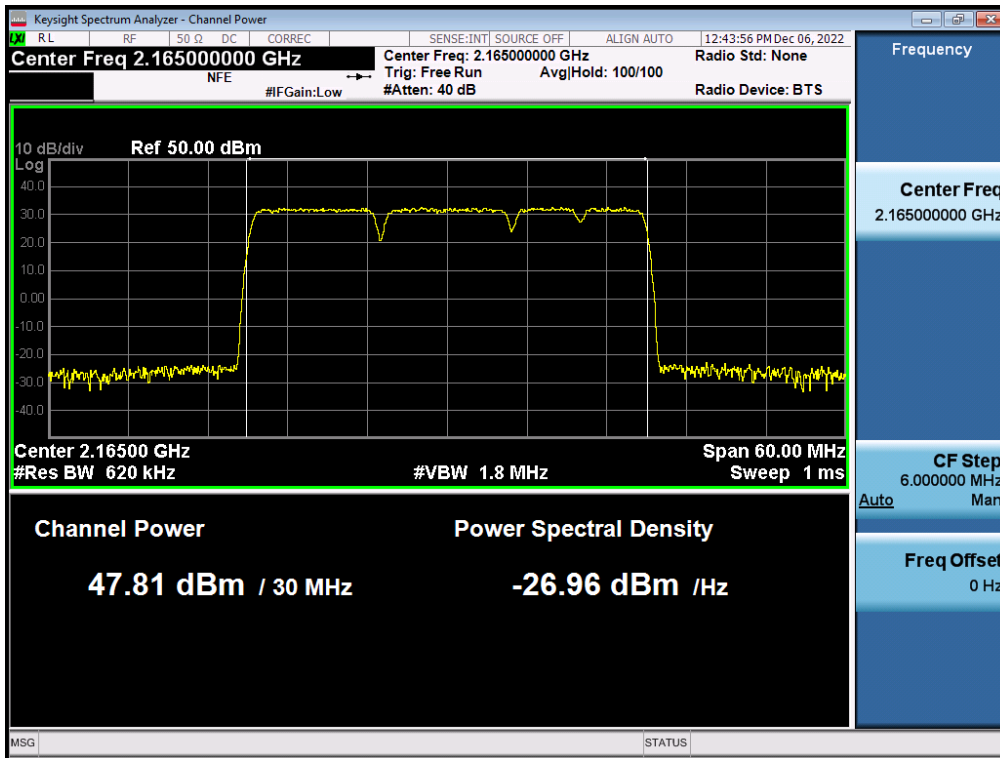
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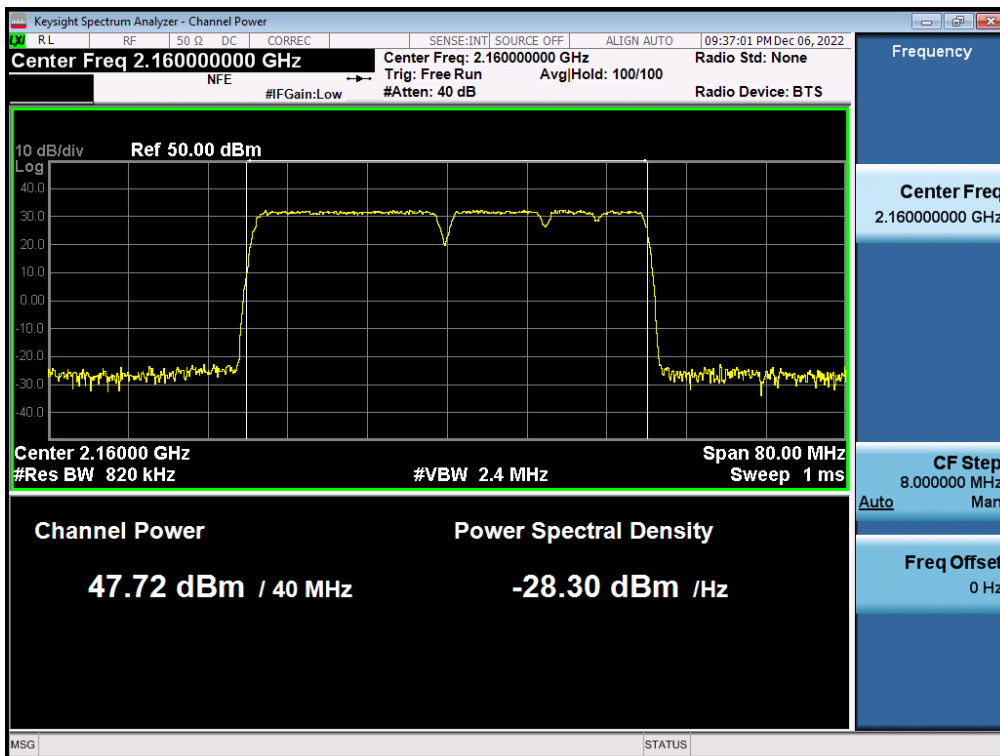
Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] / 64QAM / Middle / Contiguous



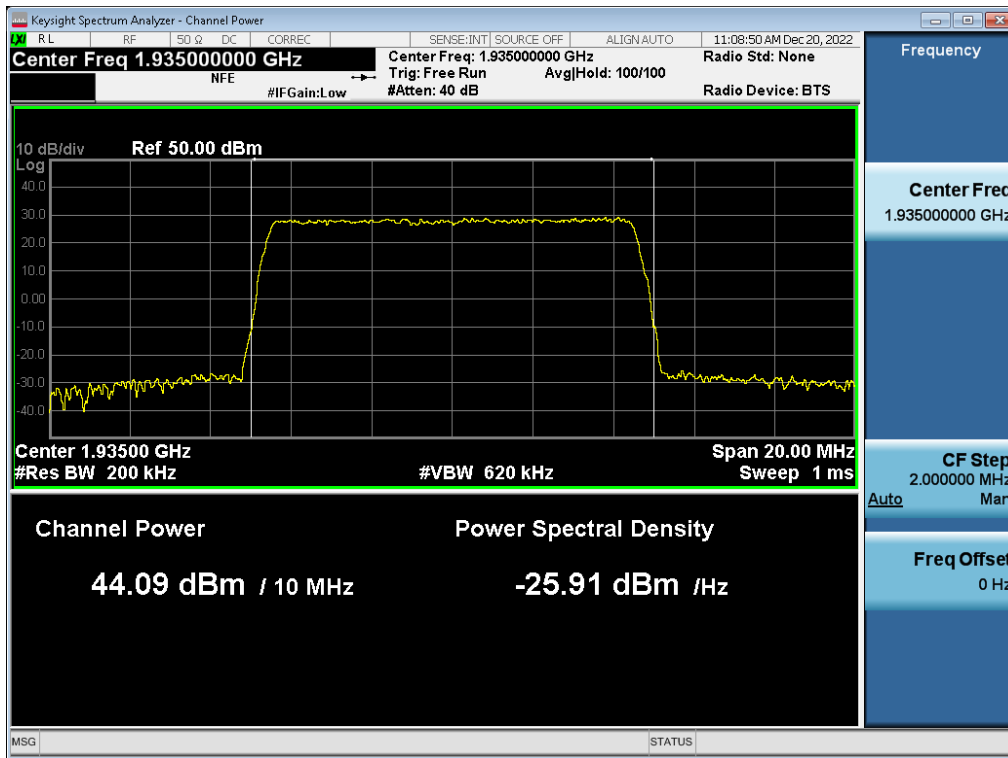
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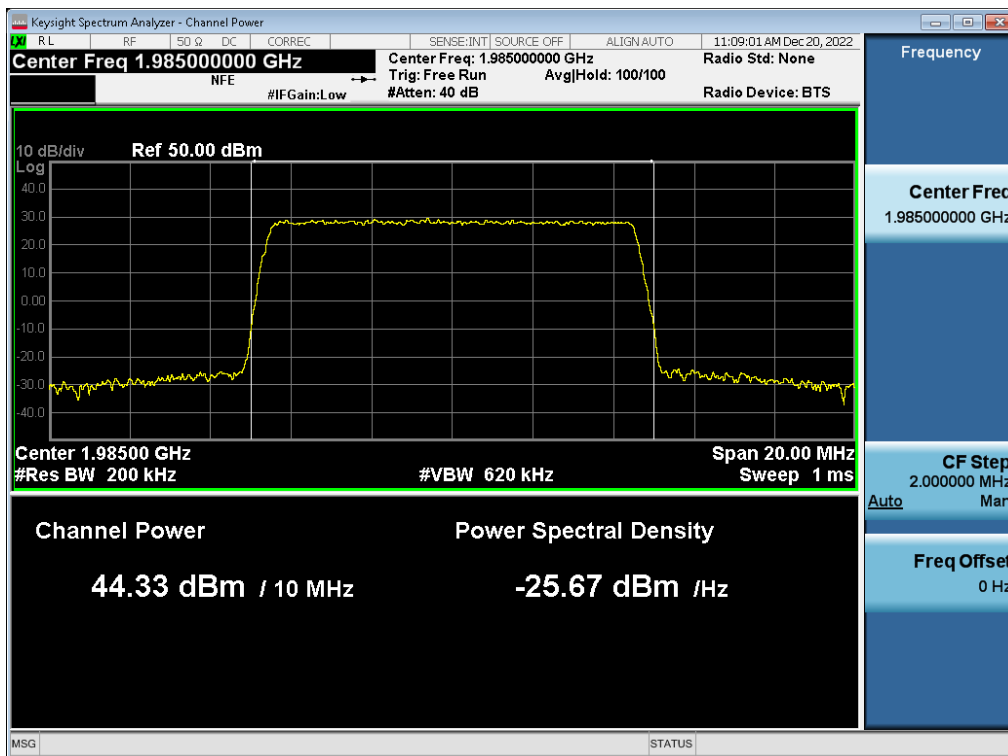
Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] / 256QAM / High / Contiguous



Antenna 1 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier] / DSS B2 10 MHz 1 Carrier / 256QAM  
/ Low / Non-Contiguous

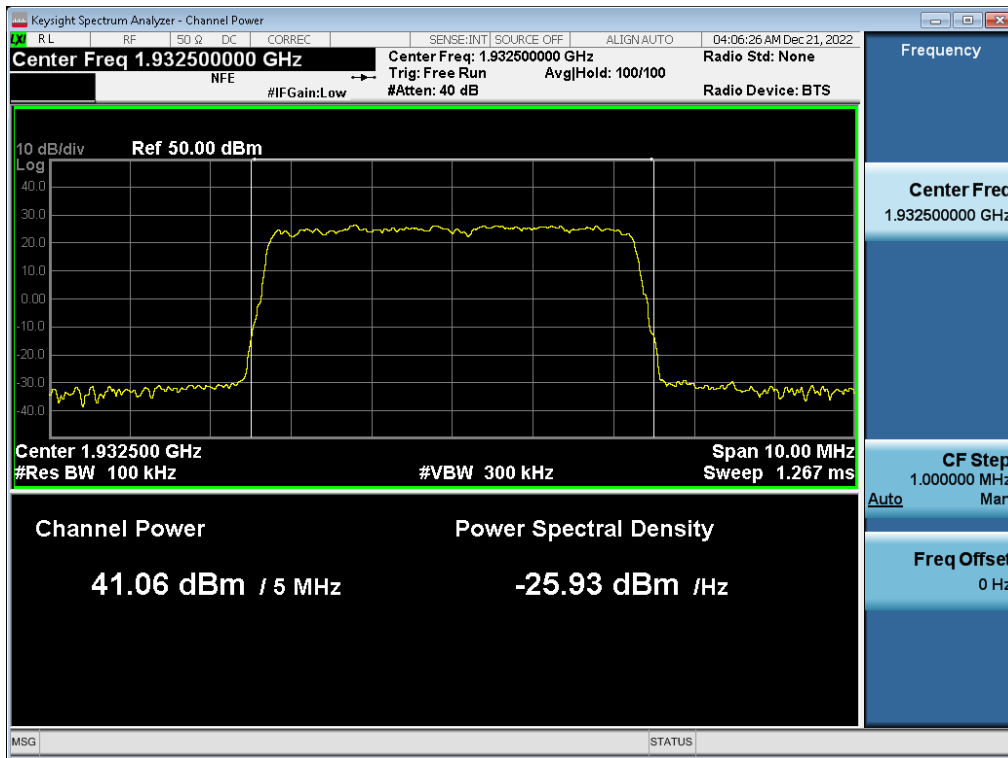


Antenna 1 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier] / DSS B2 10 MHz 1 Carrier / 256QAM  
/ High / Non-Contiguous

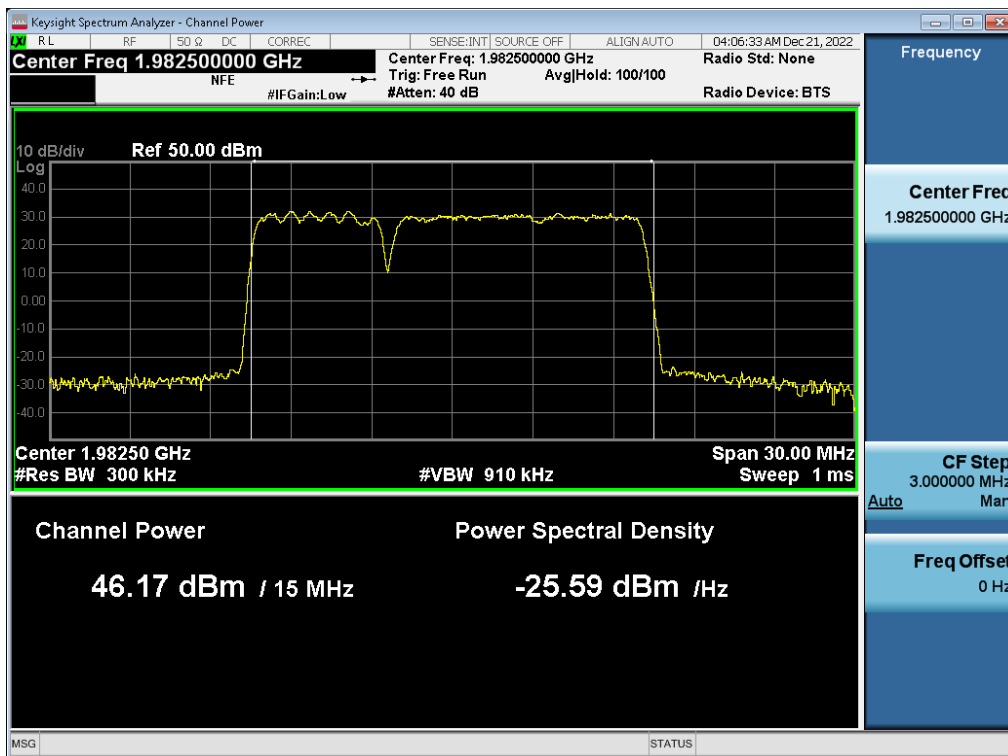




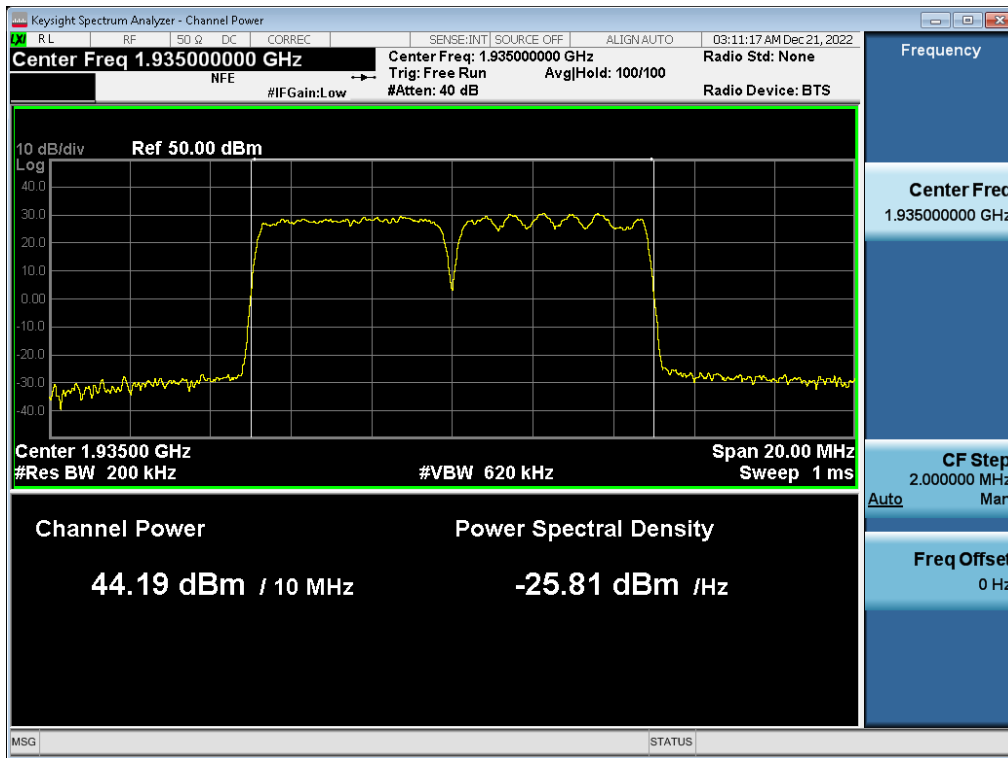
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] /  
 LTE B2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



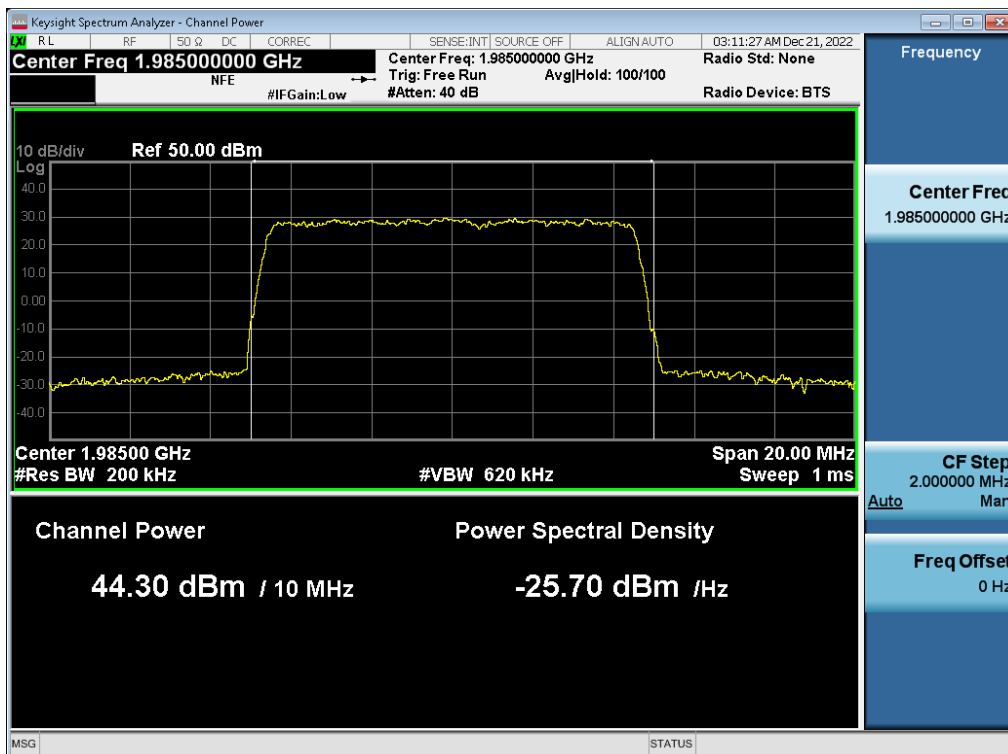
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] /  
 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier / 16QAM / High / Non-Contiguous



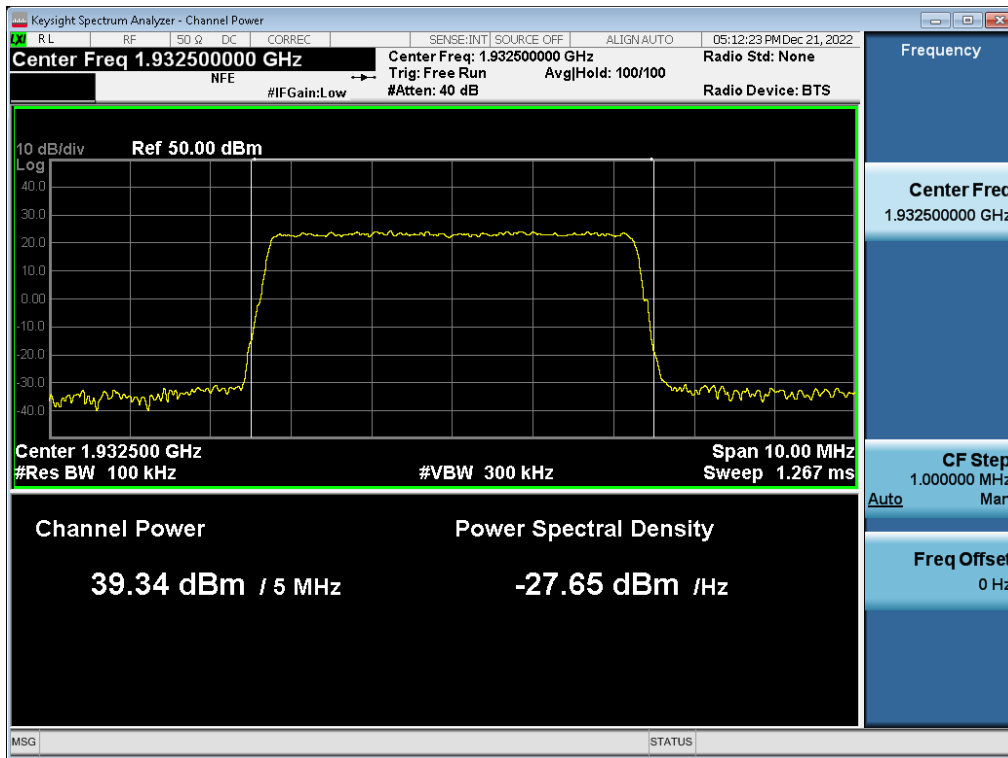
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



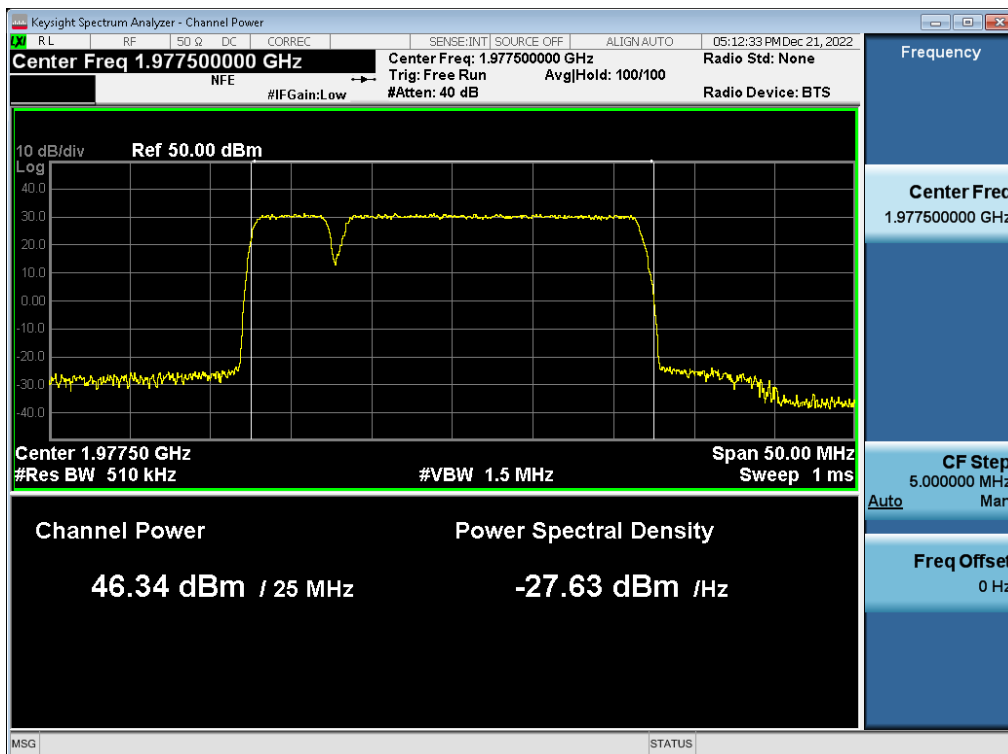
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 10 MHz 1 Carrier / 16QAM / High / Non-Contiguous



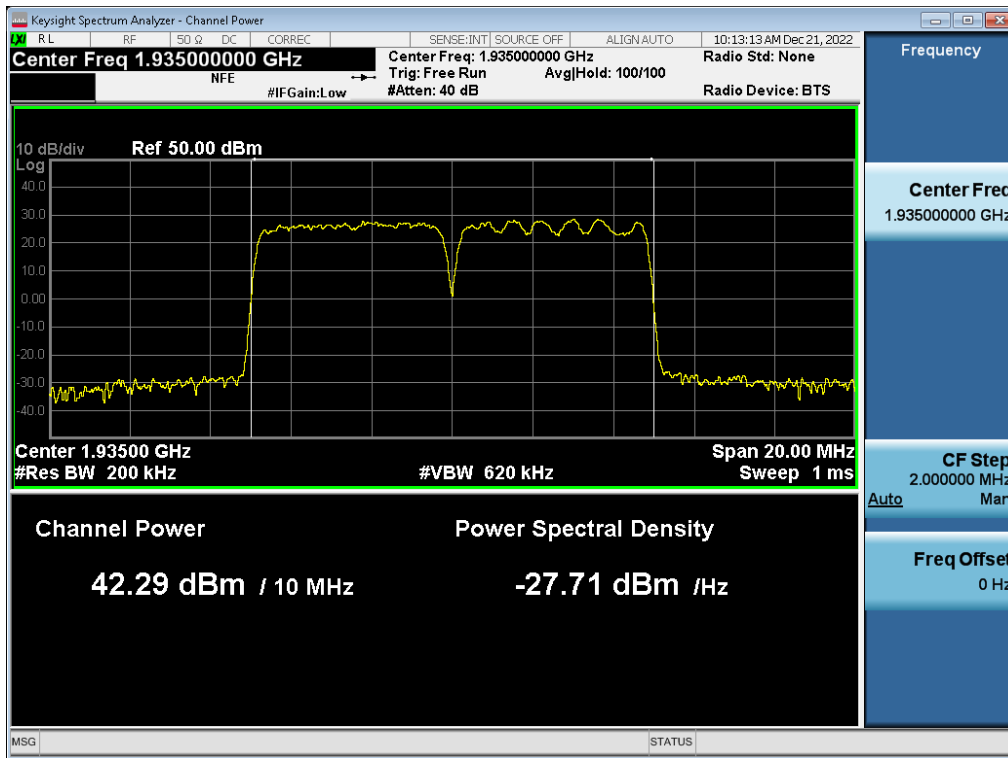
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / LTE B2 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



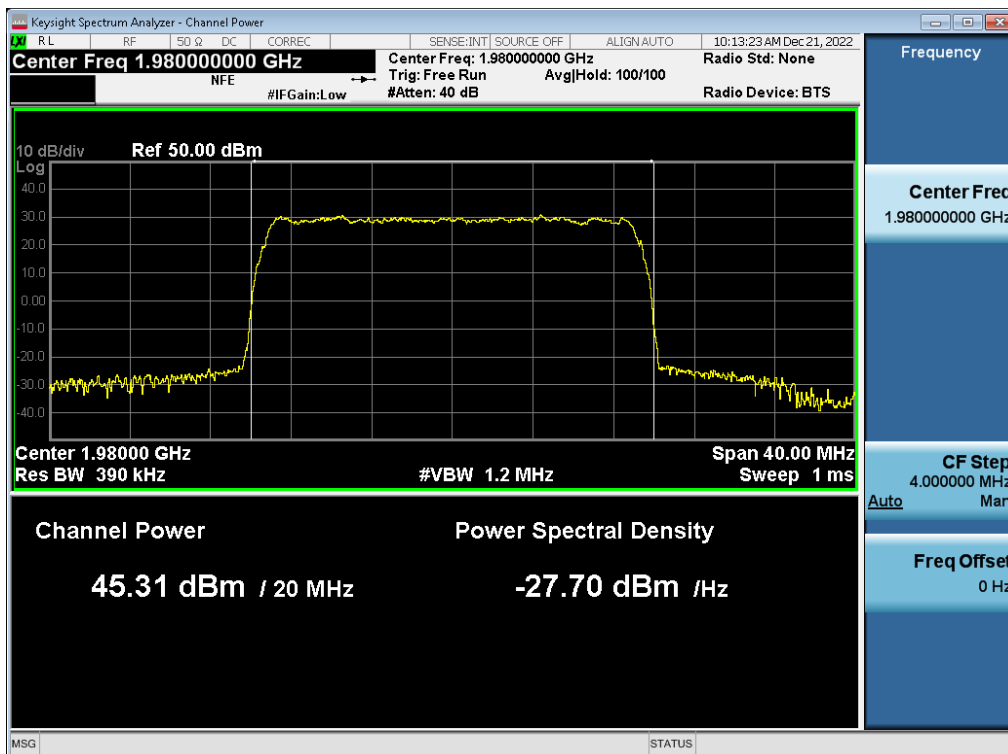
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous



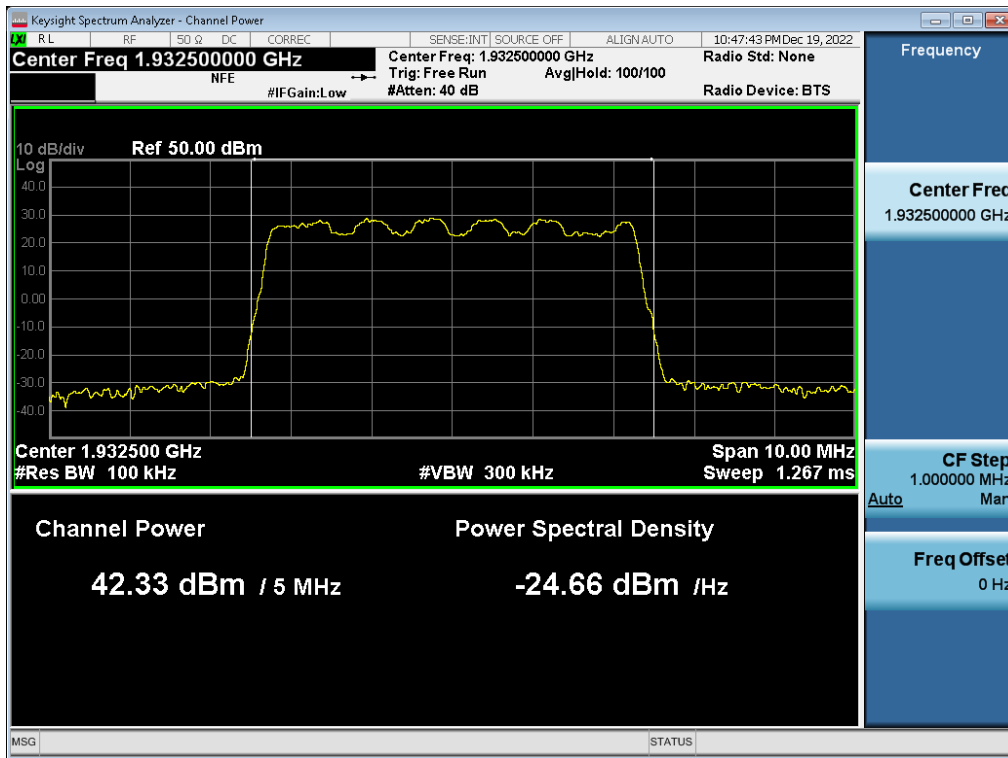
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C] /  
 LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



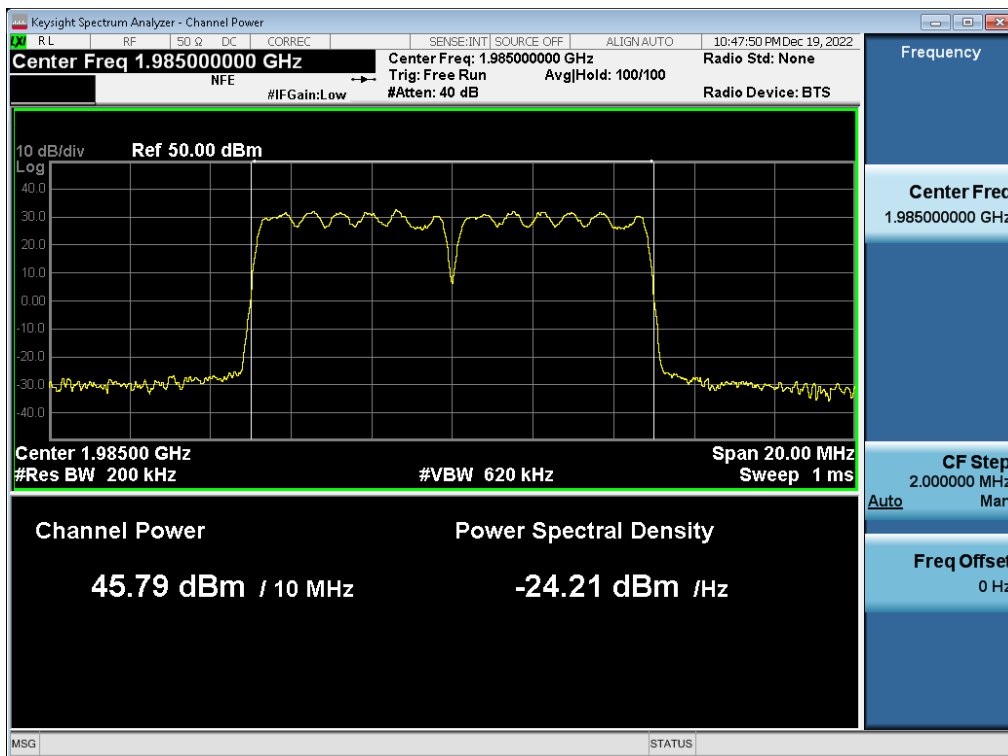
Antenna 1 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C] /  
 DSS B2 20 MHz 1 Carrier / 16QAM / High / Non-Contiguous



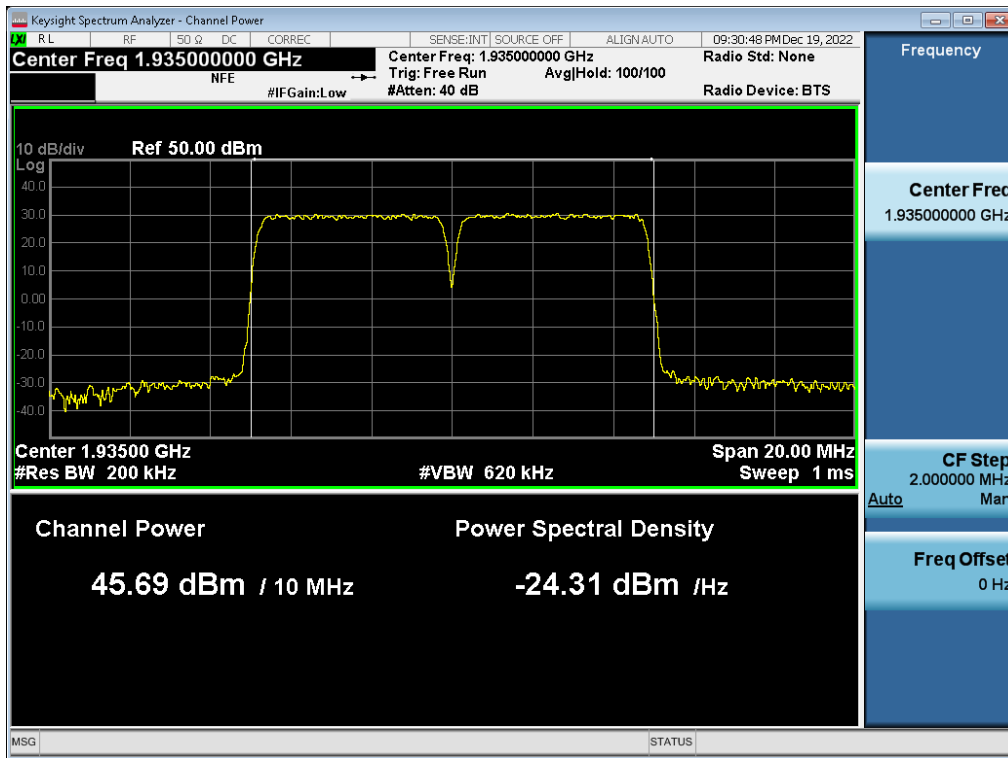
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [1C+2C]  
/ 5G NR n2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



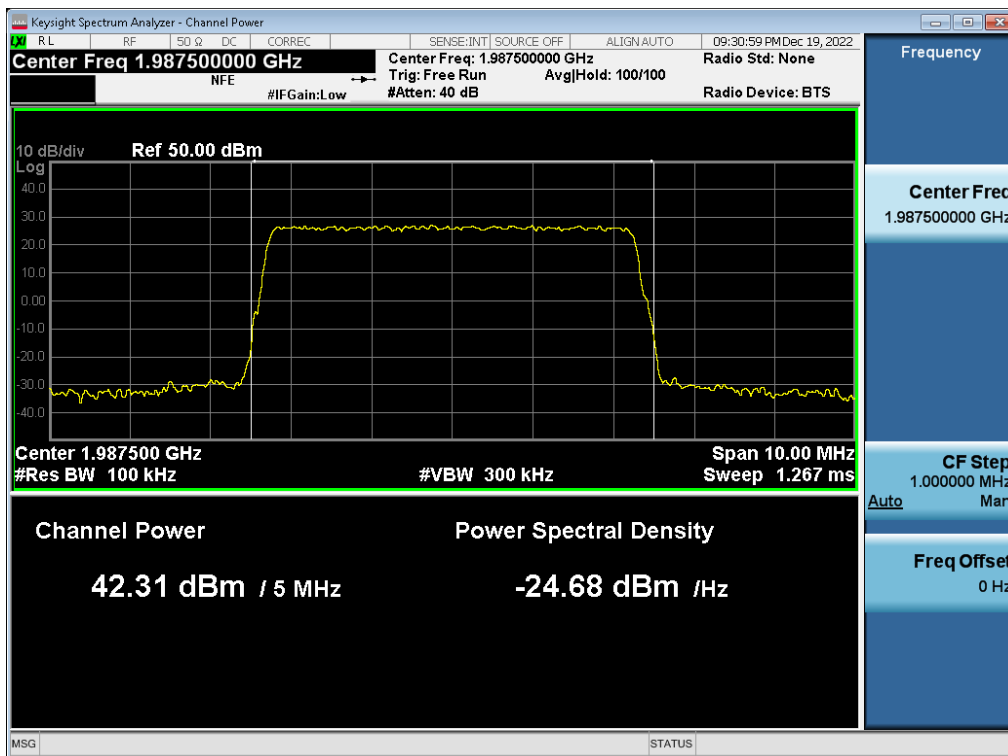
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [1C+2C]  
/ 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 16QAM / High / Non-Contiguous



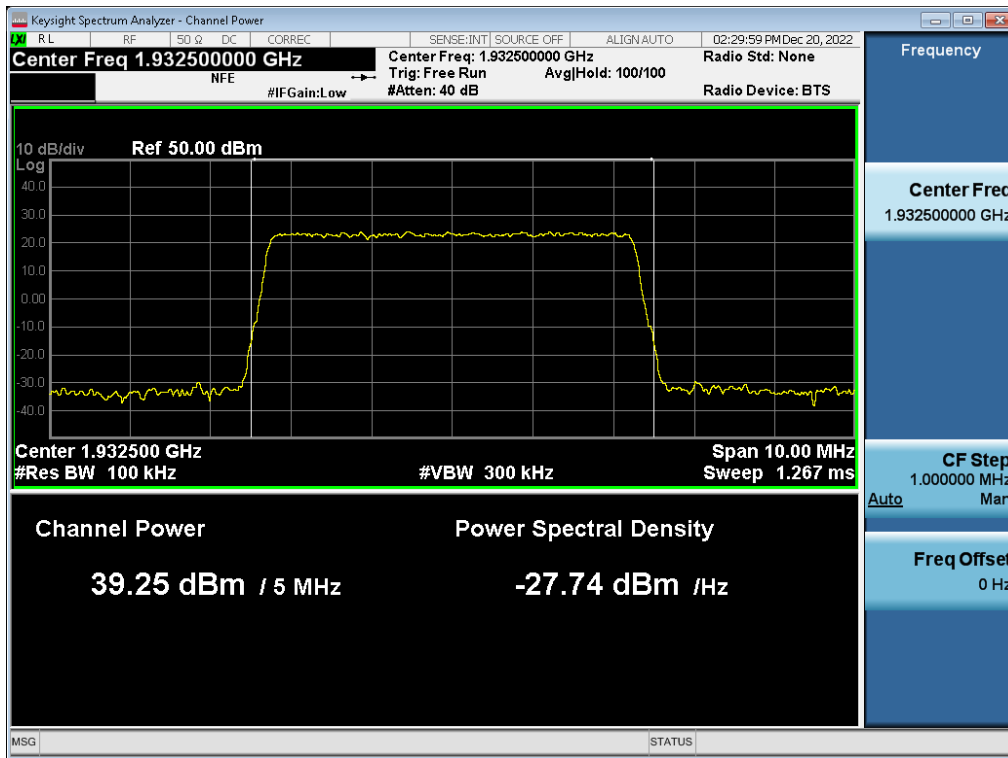
Antenna 0 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [2C+1C]  
/ 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / QPSK / Low / Non-Contiguous



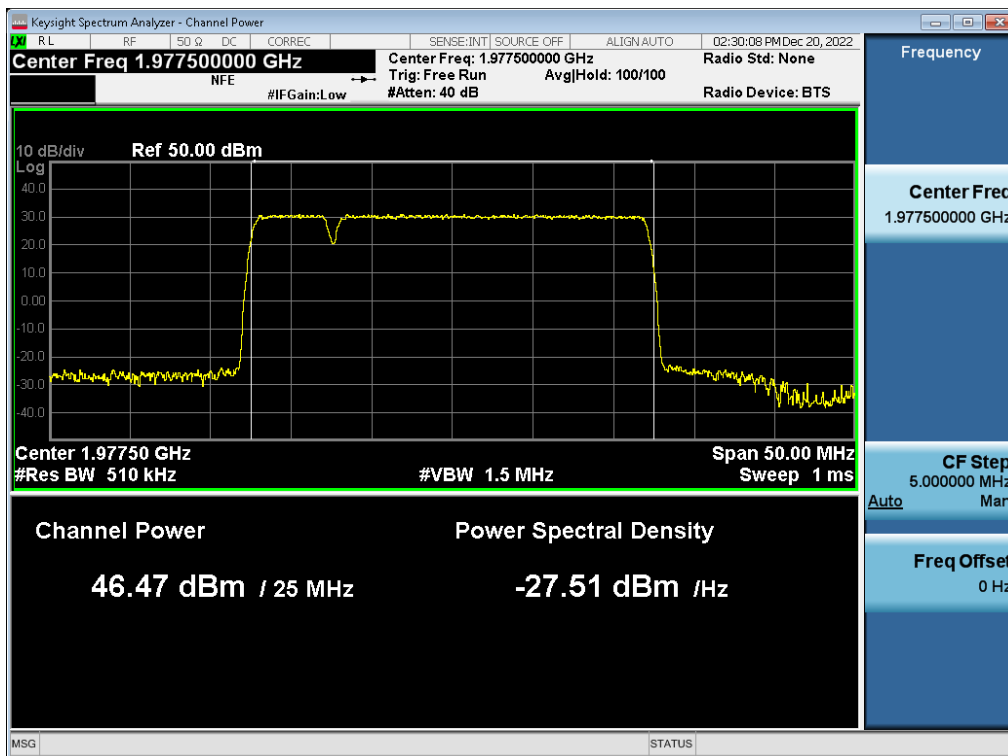
Antenna 0 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [2C+1C]  
/ 5G NR n2 5 MHz 1 Carrier / QPSK / High / Non-Contiguous



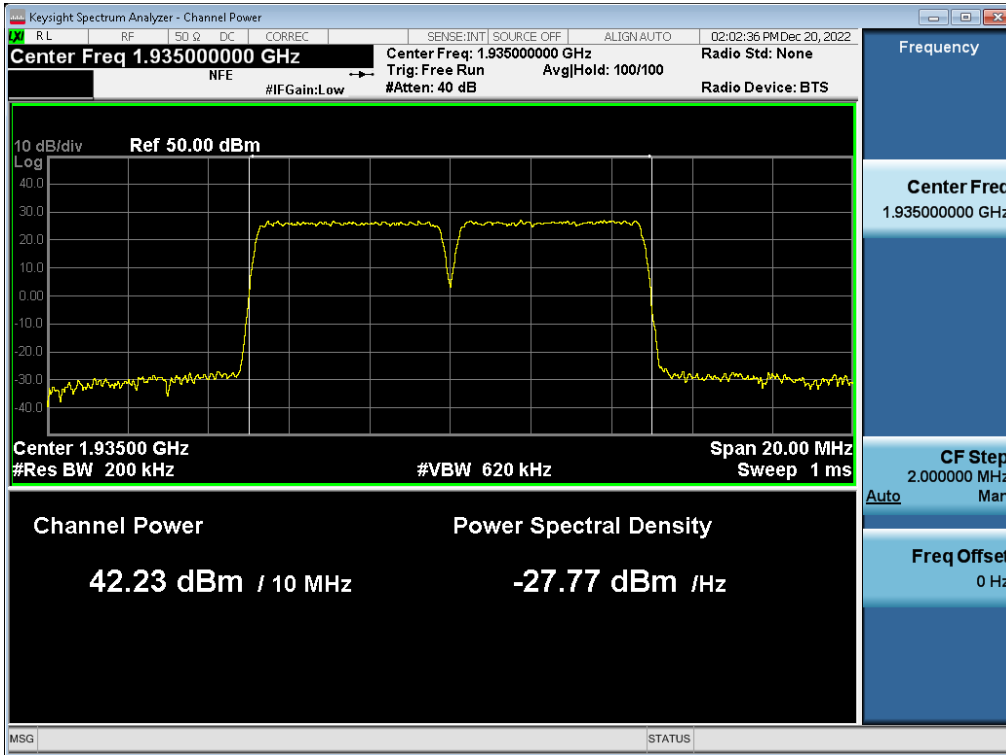
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / 5G NR n2 5 MHz 1 Carrier / QPSK / Low / Non-Contiguous



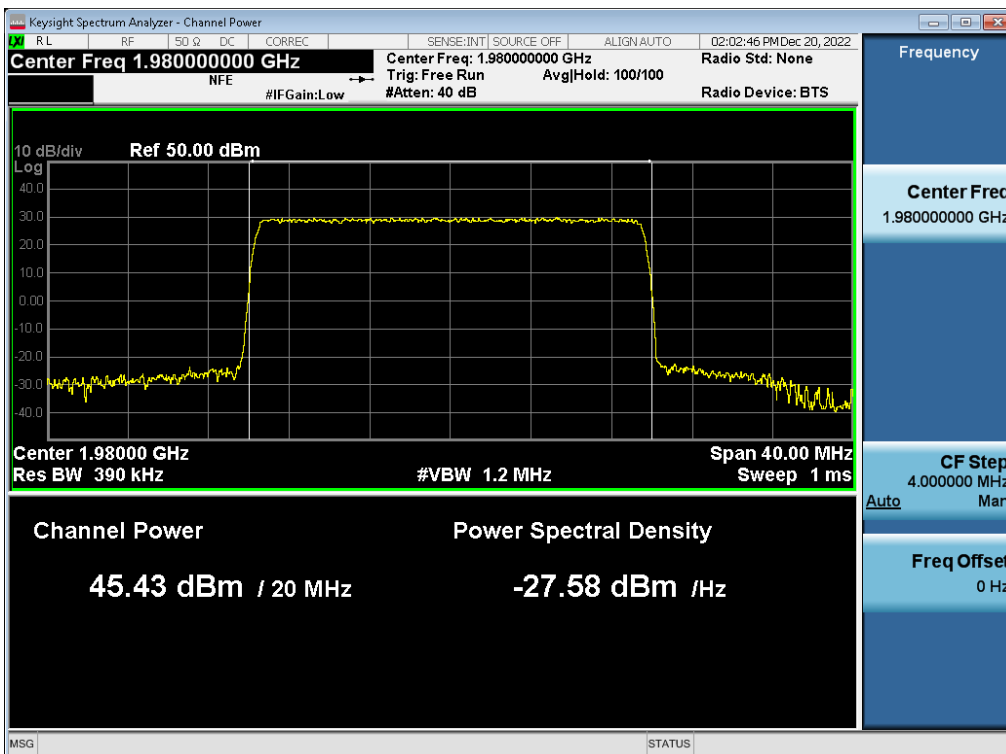
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier / QPSK / High / Non-Contiguous



Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 64QAM / Low / Non-Contiguous

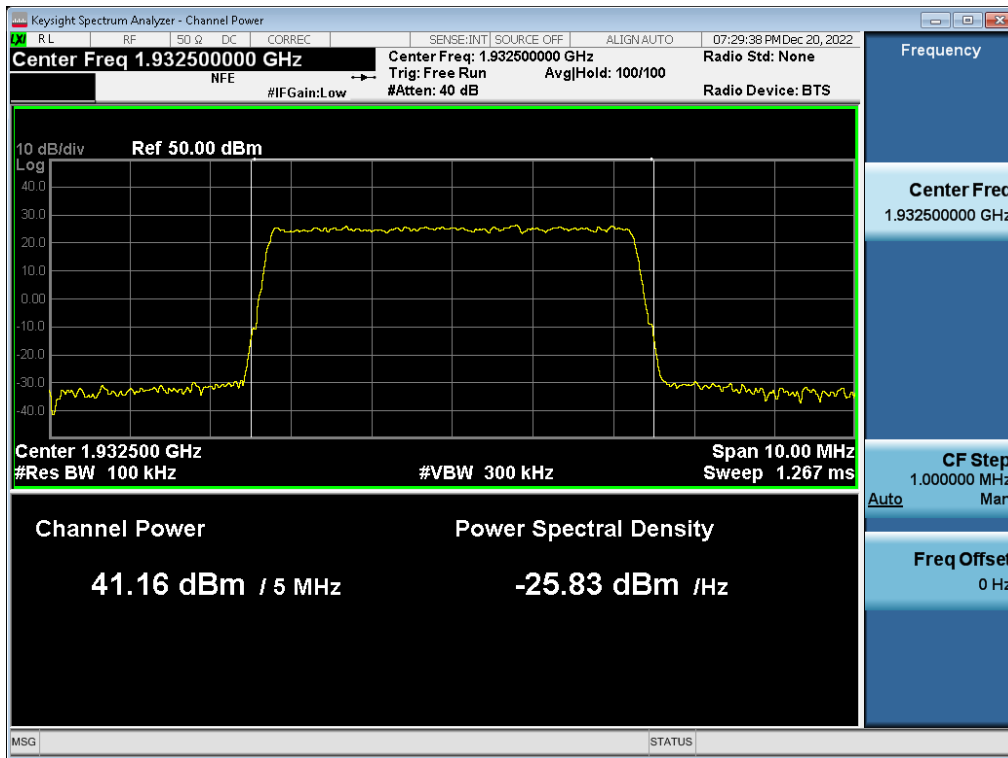


Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n2 20 MHz 1 Carrier / 64QAM / High / Non-Contiguous

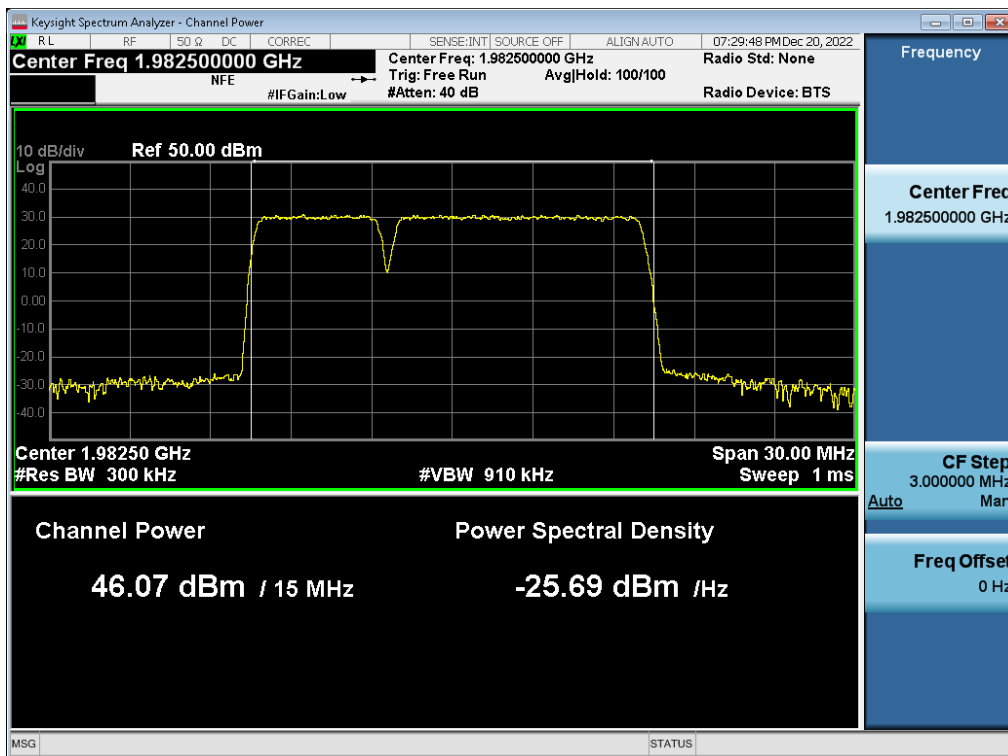




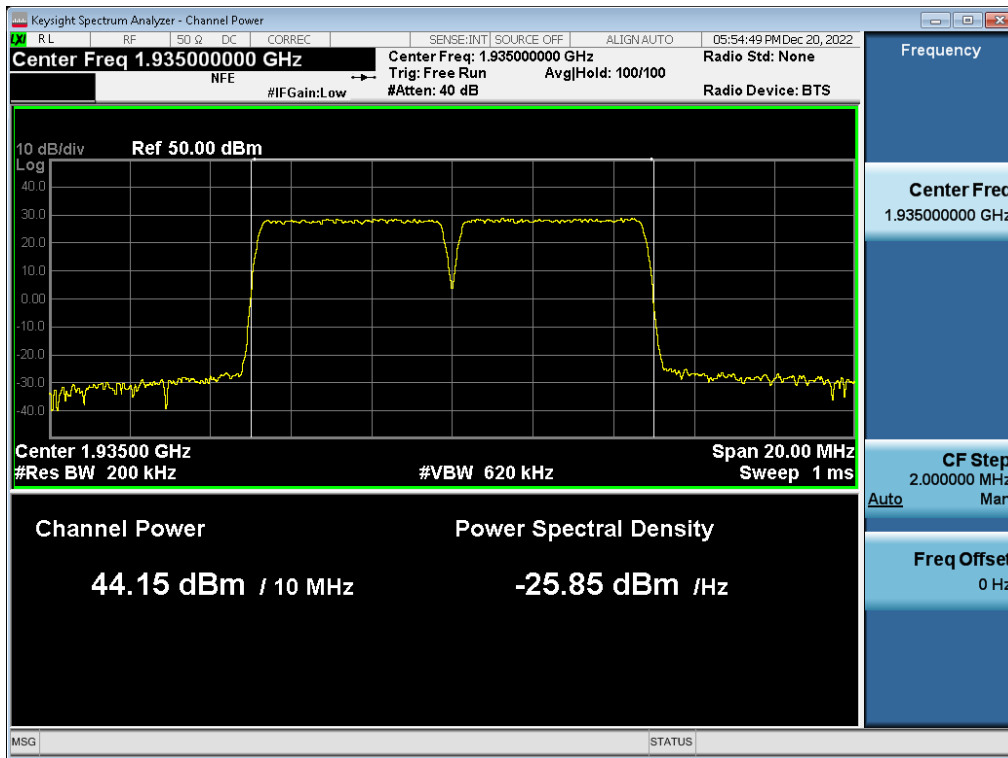
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



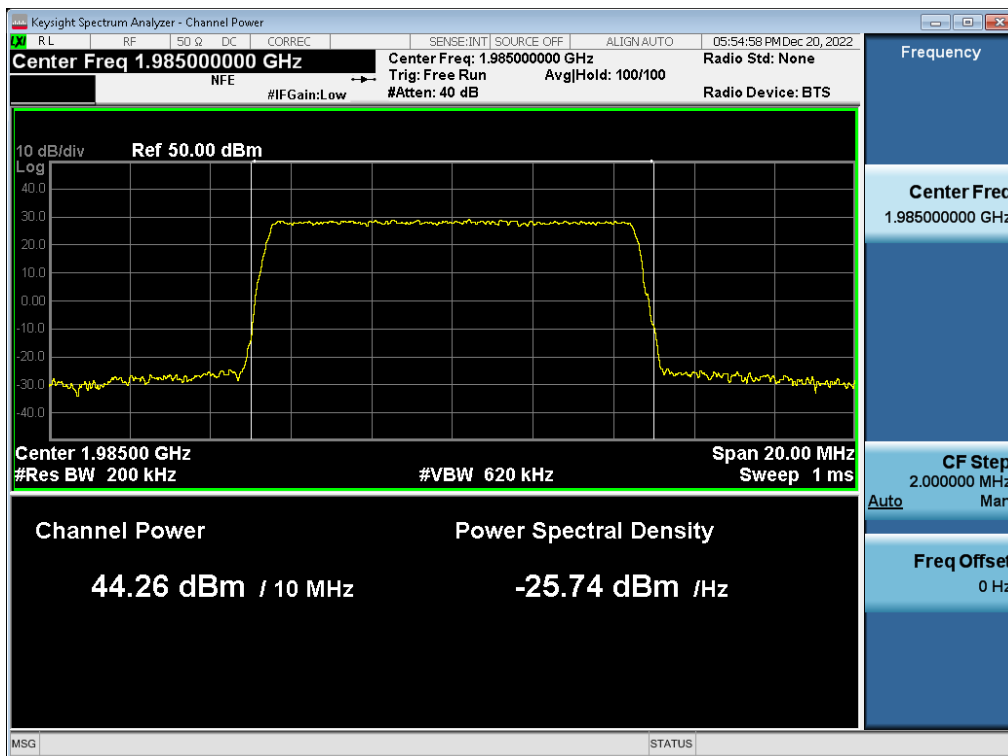
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier / 256QAM / High / Non-Contiguous



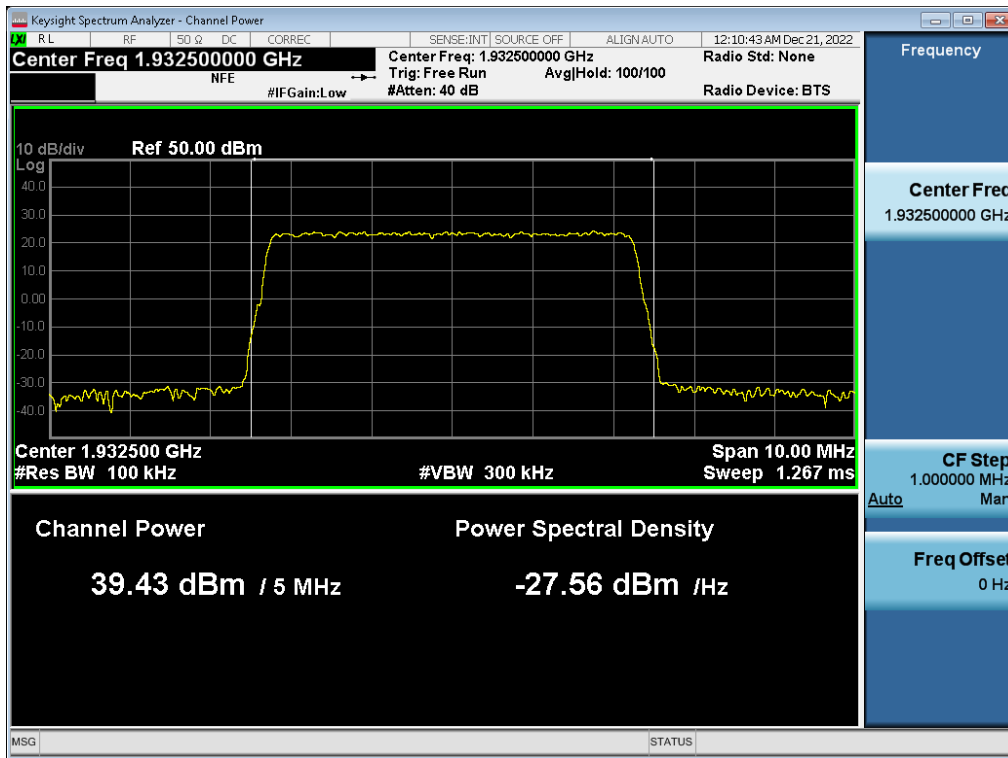
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / QPSK / Low / Non-Contiguous



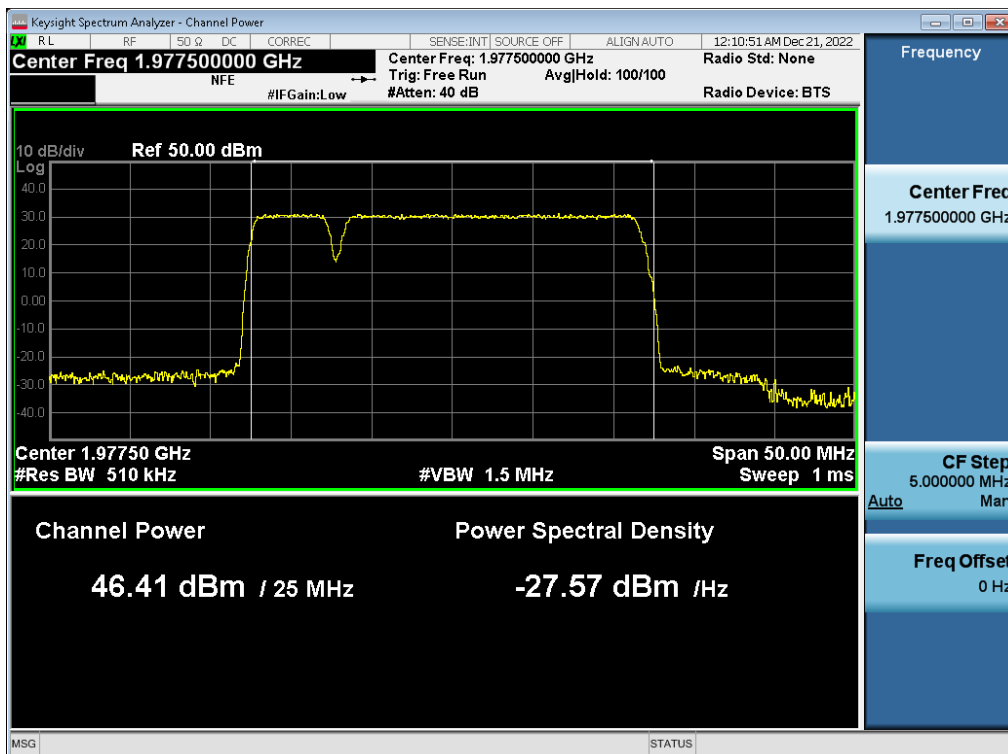
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 10 MHz 1 Carrier / QPSK / High / Non-Contiguous



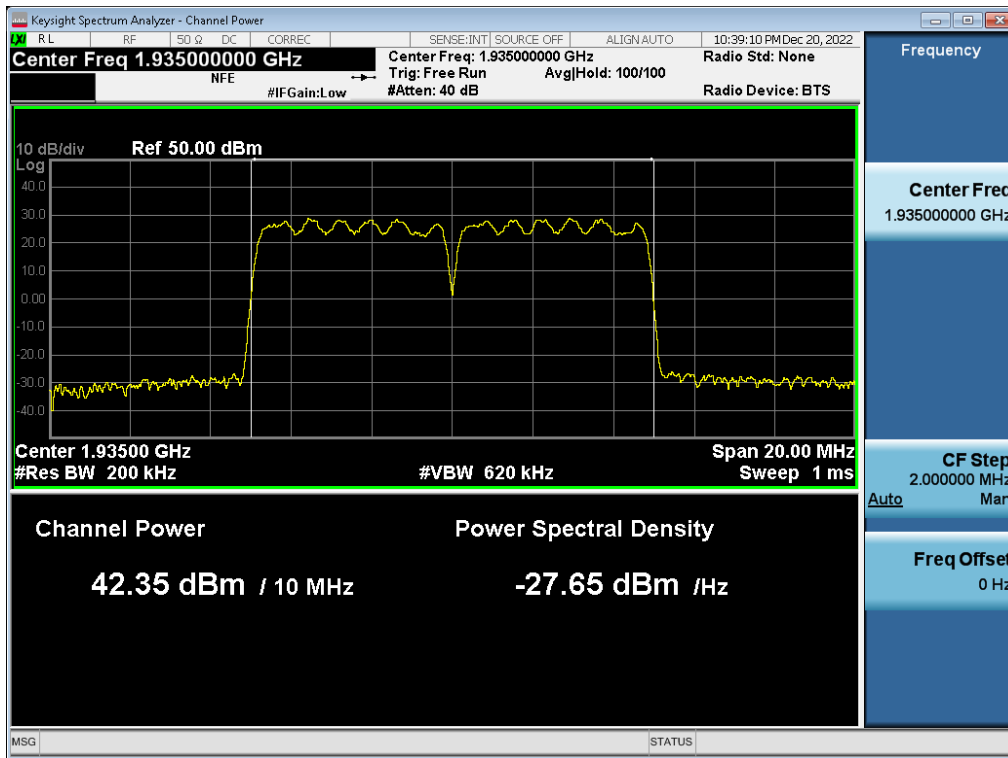
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



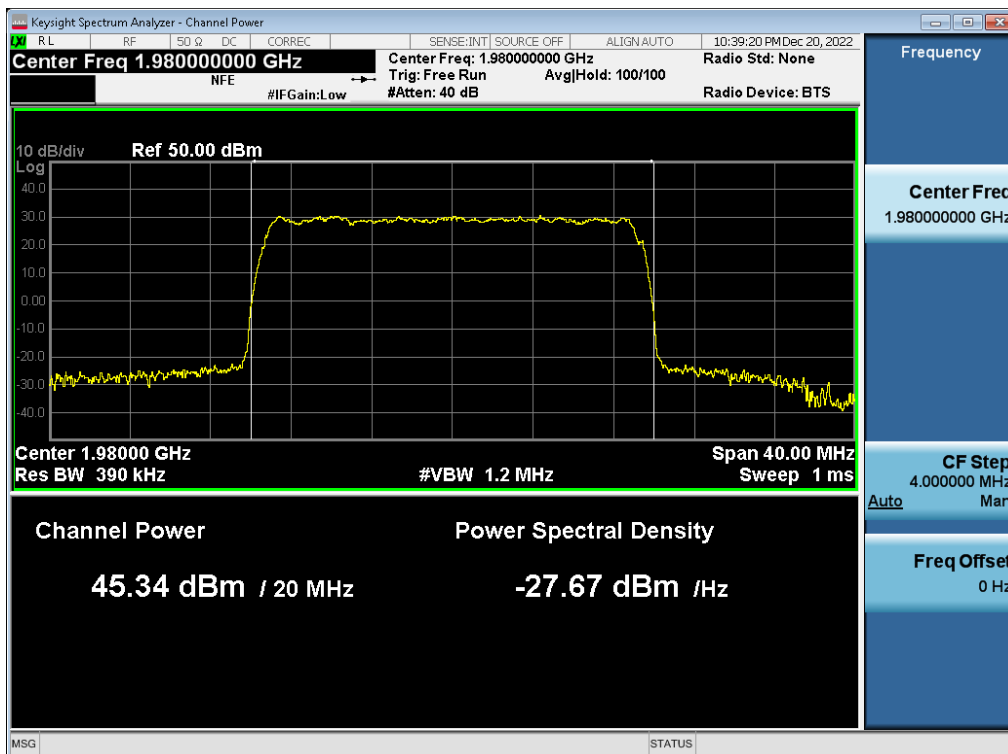
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous



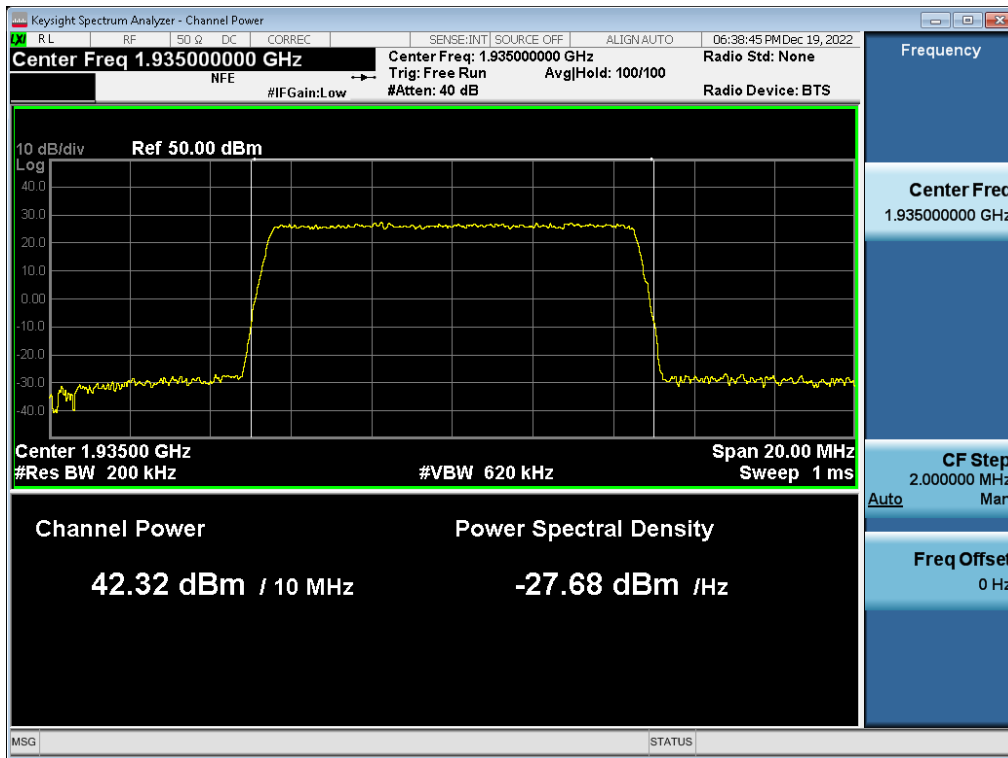
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



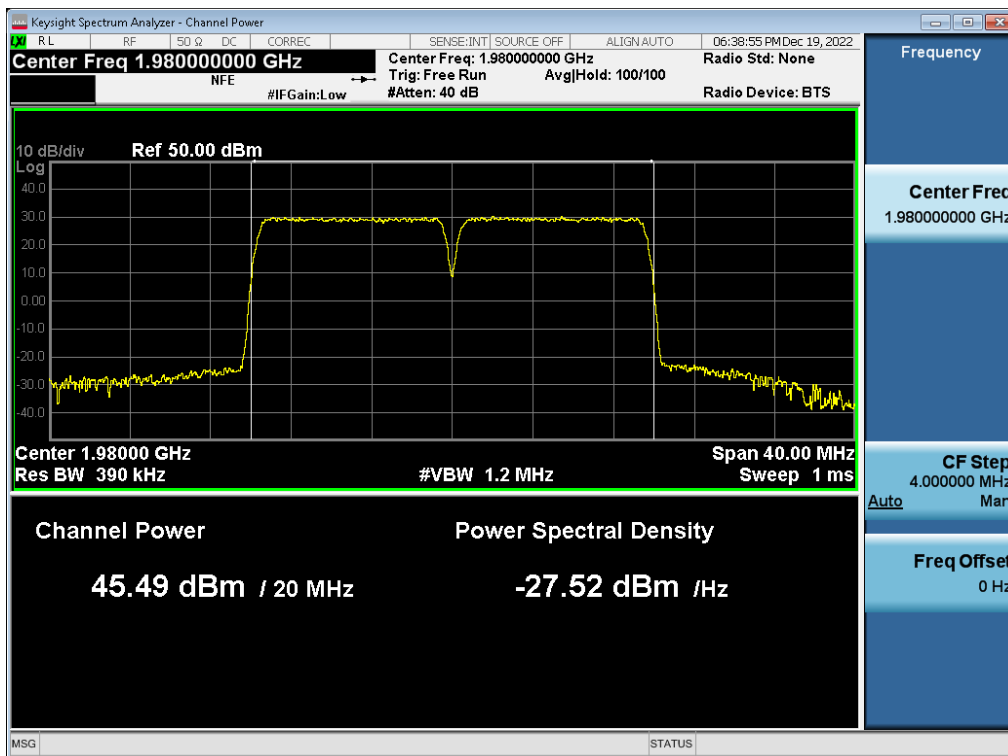
Antenna 1 / (2 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 20 MHz 1 Carrier / 16QAM / High / Non-Contiguous



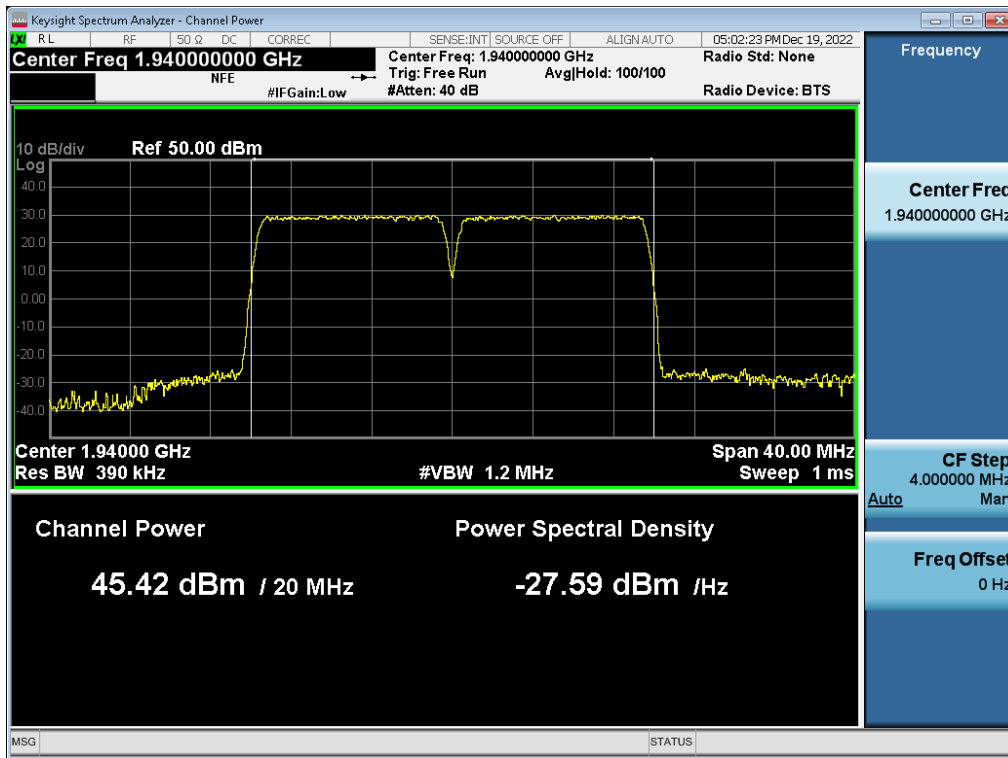
Antenna 1 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] / DSS B2 10 MHz 1 Carrier / 64QAM / Low / Non-Contiguous



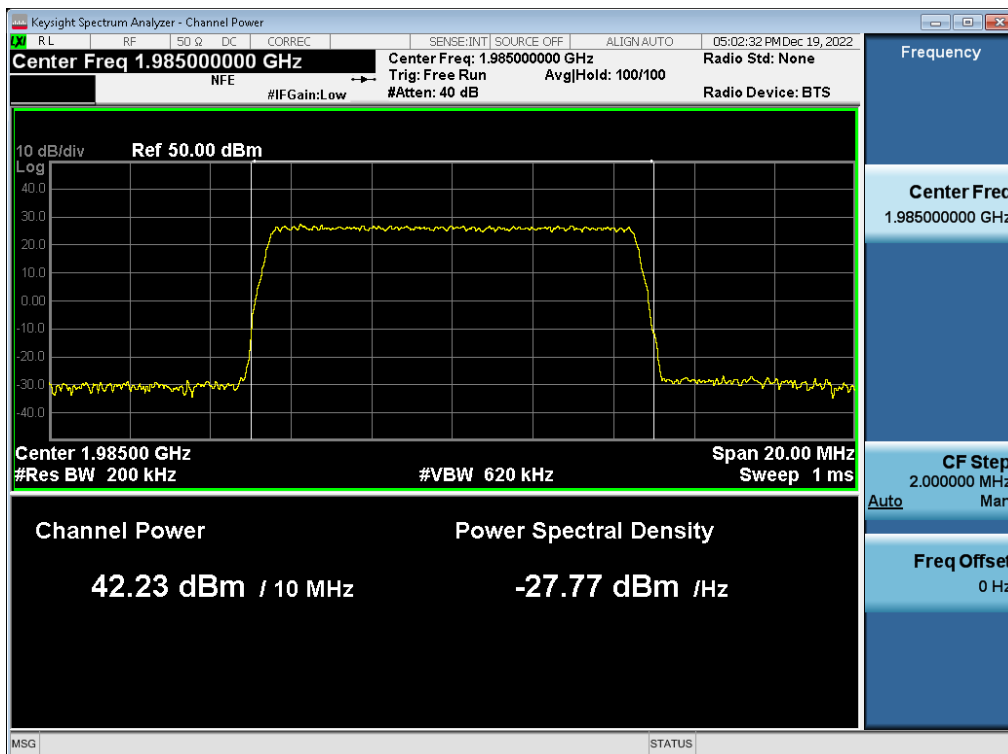
Antenna 1 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] / DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier / 64QAM / High / Non-Contiguous



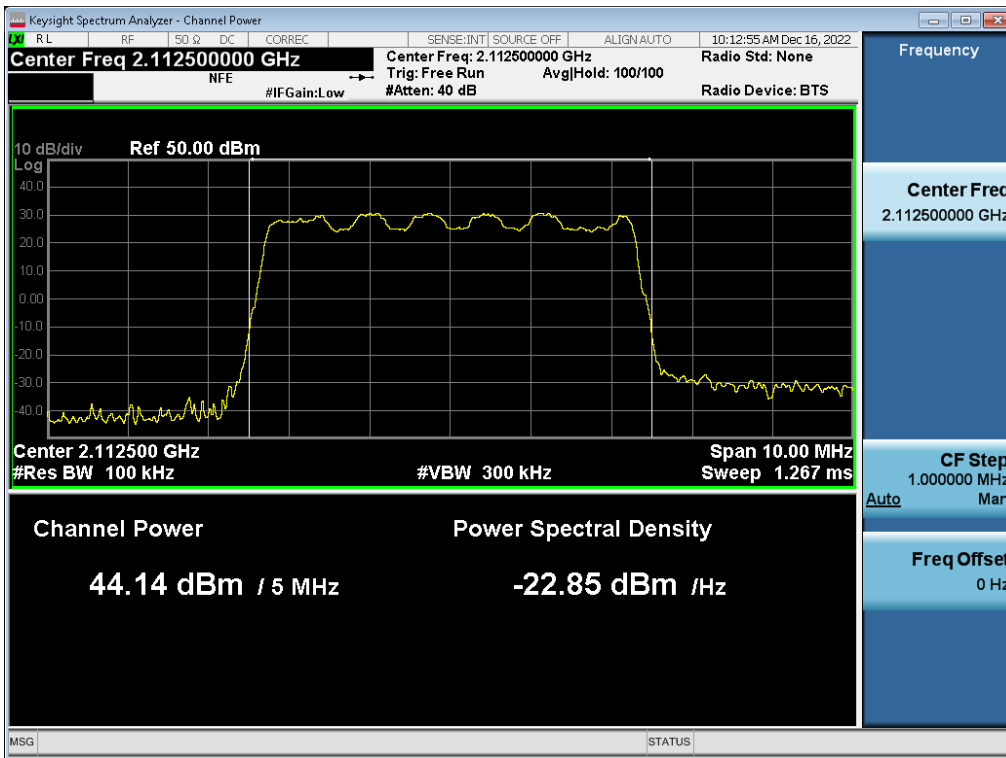
Antenna 0 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier / QPSK / Low / Non-Contiguous



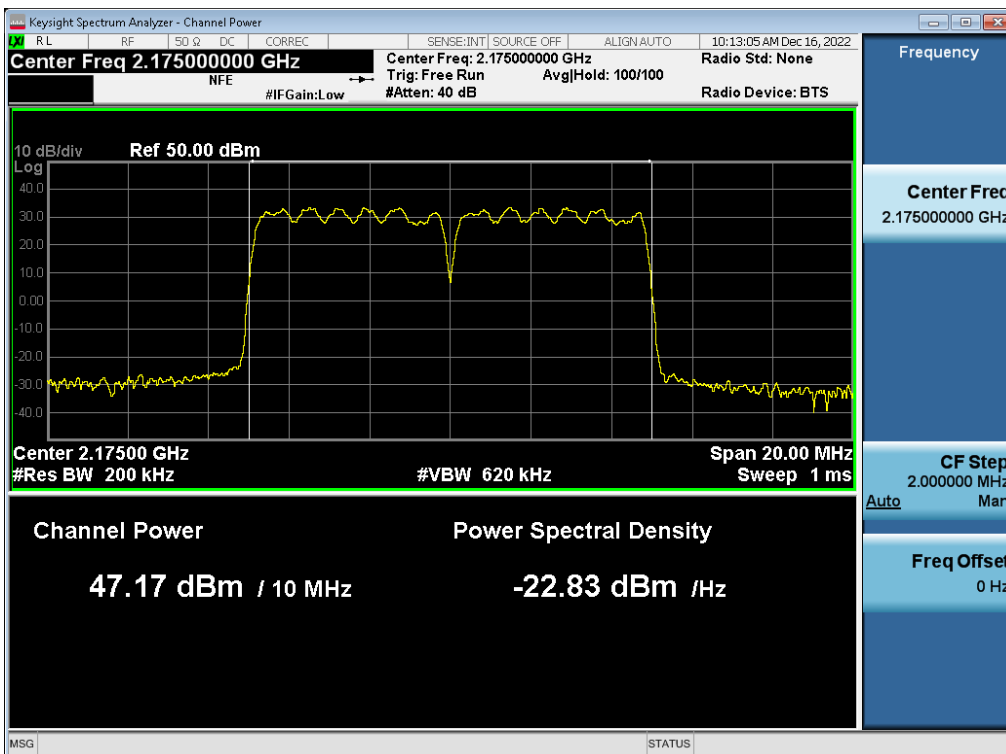
Antenna 0 / (2 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 10 MHz 1 Carrier / QPSK / High / Non-Contiguous



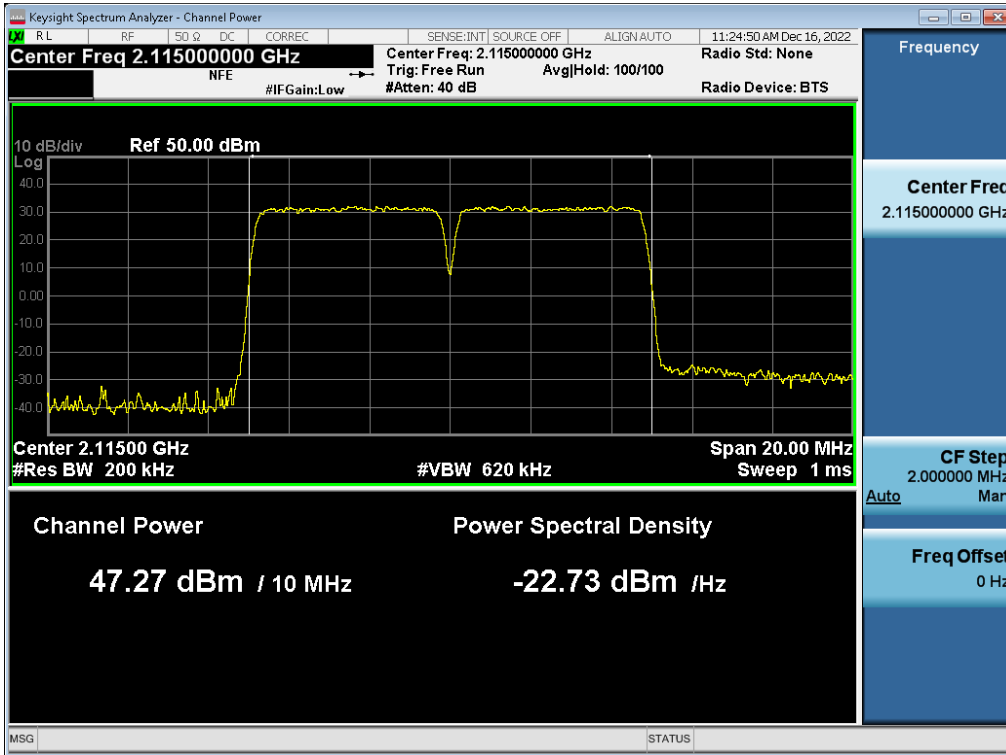
Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n66 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



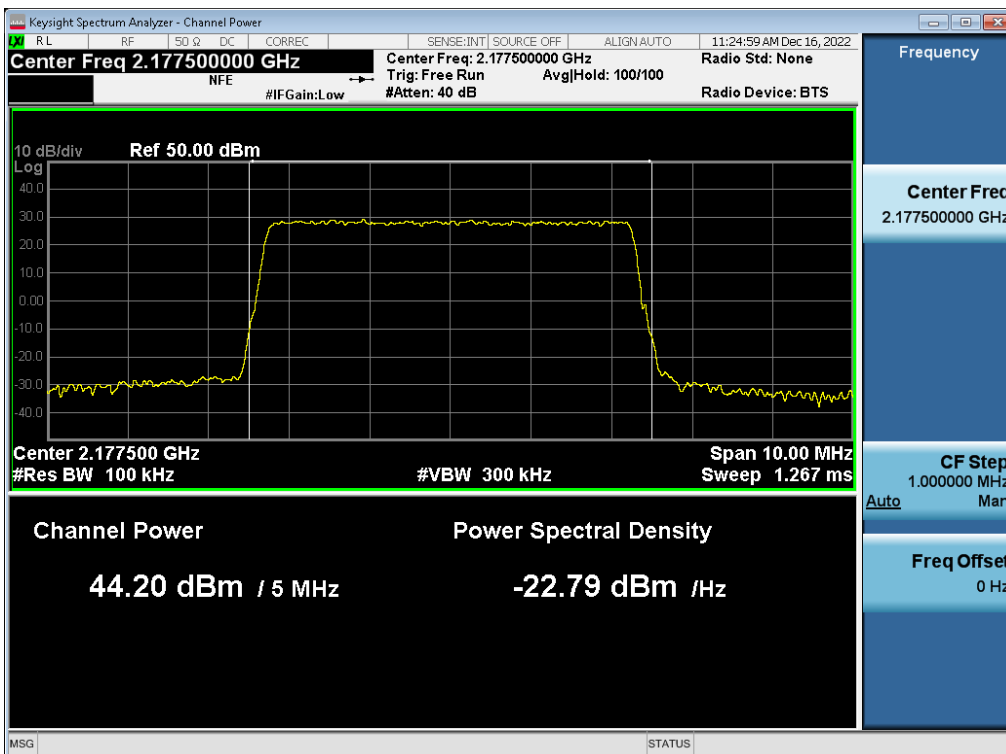
Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier / 16QAM / High / Non-Contiguous



Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous

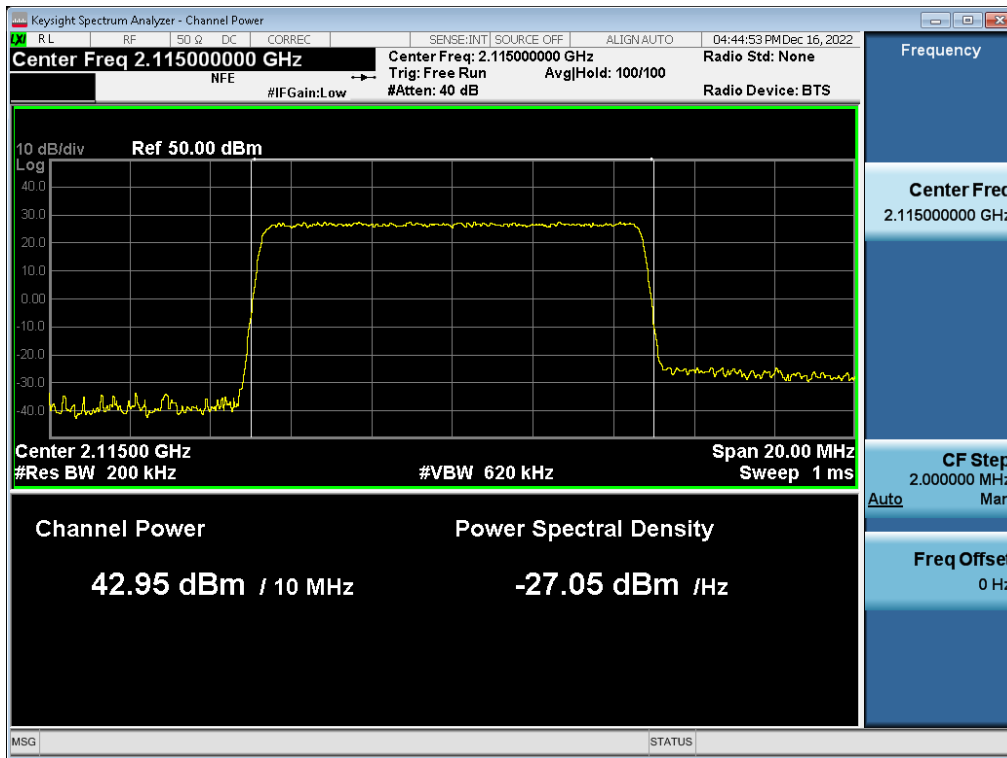


Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n66 5 MHz 1 Carrier / 256QAM / High / Non-Contiguous

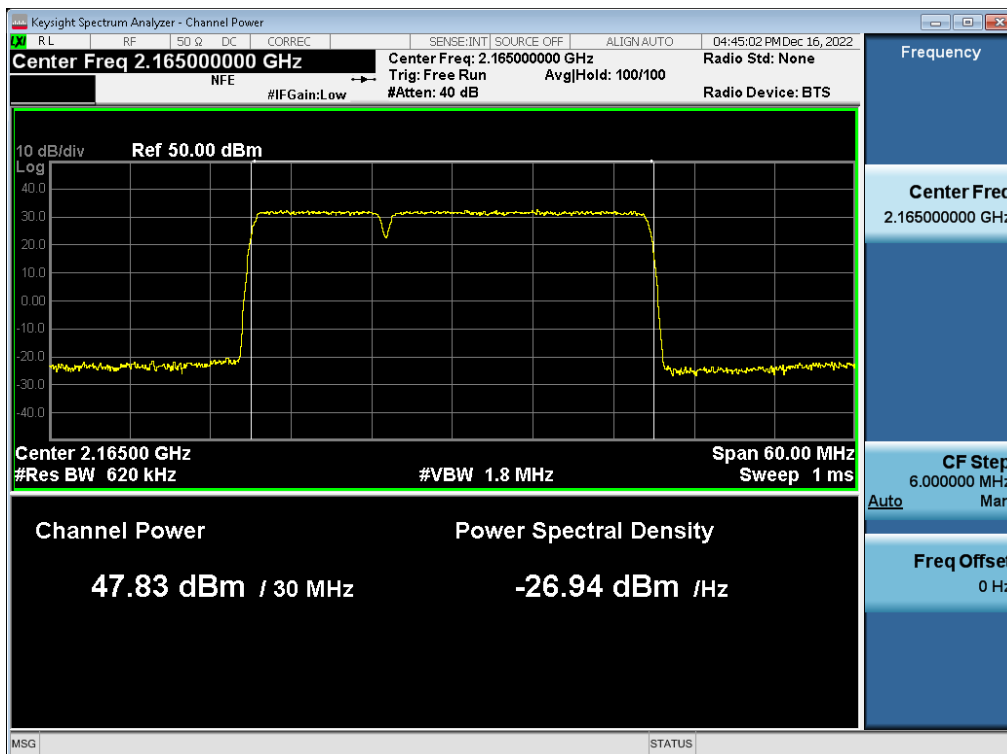




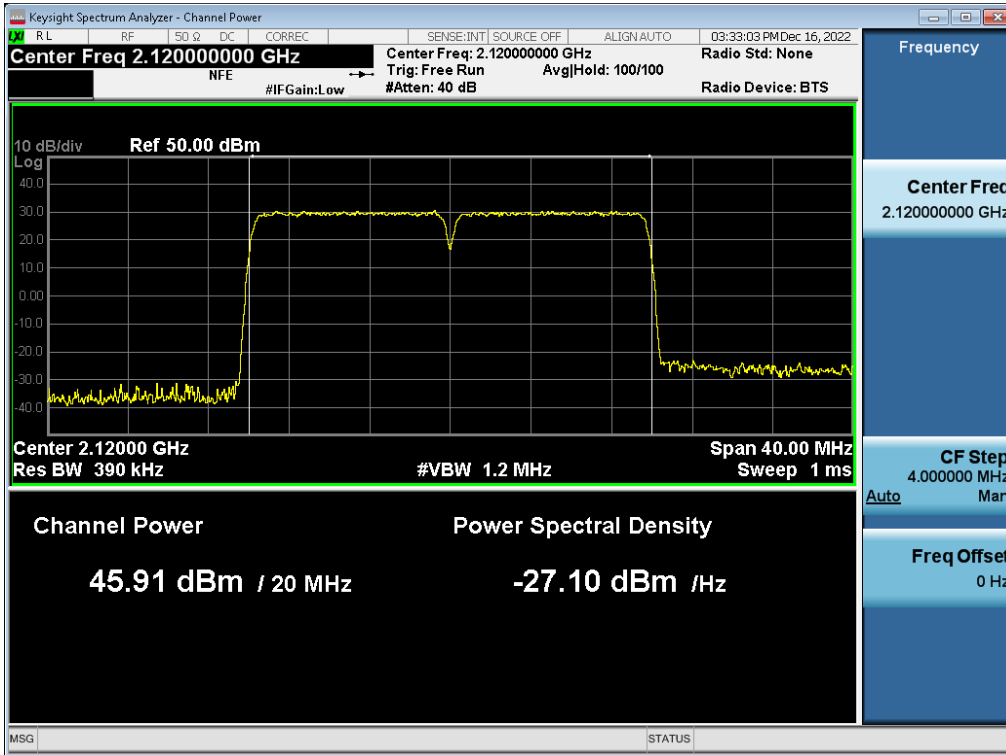
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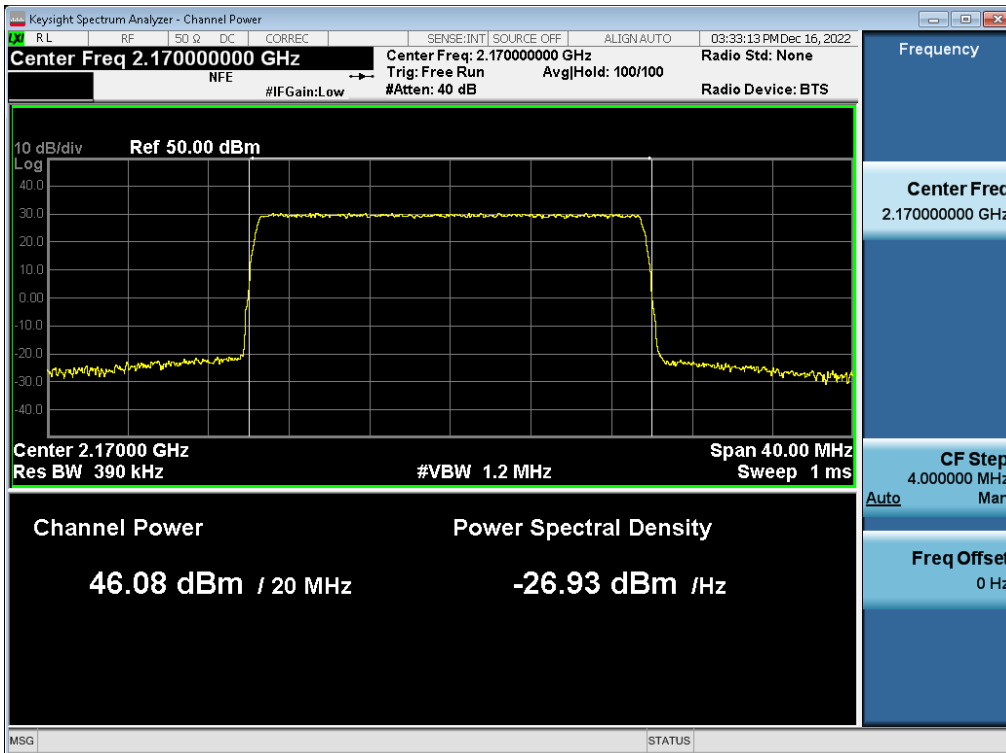
Antenna 1 / (2 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier / 64QAM / High / Non-Contiguous



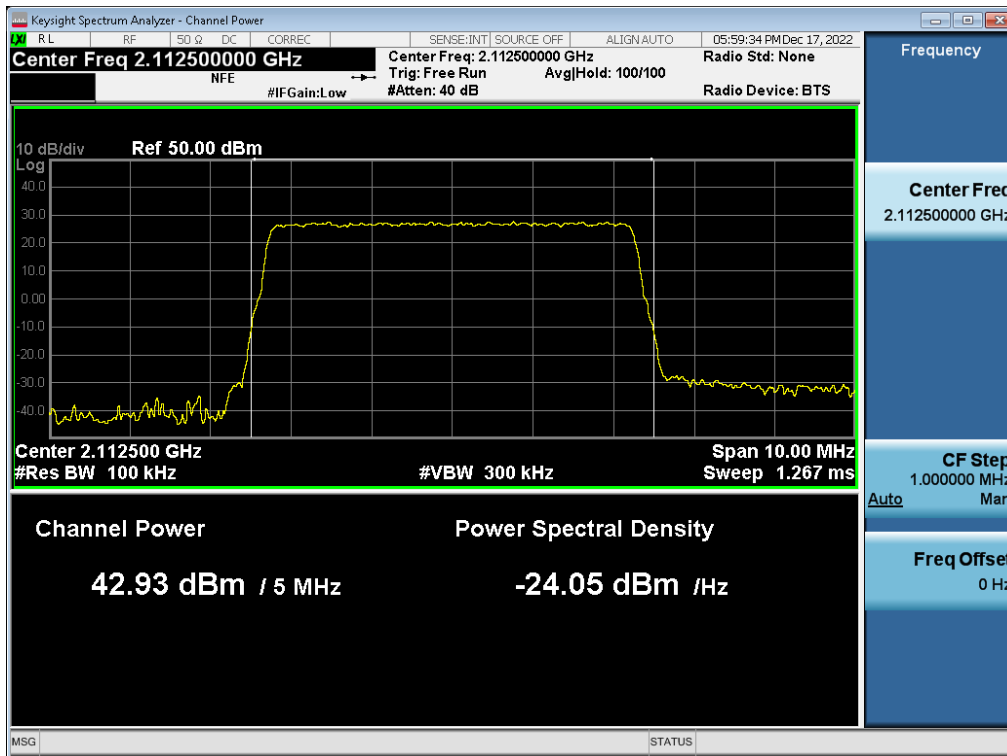
Antenna 1 / (2 Port) 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier / QPSK / Low / Non-Contiguous



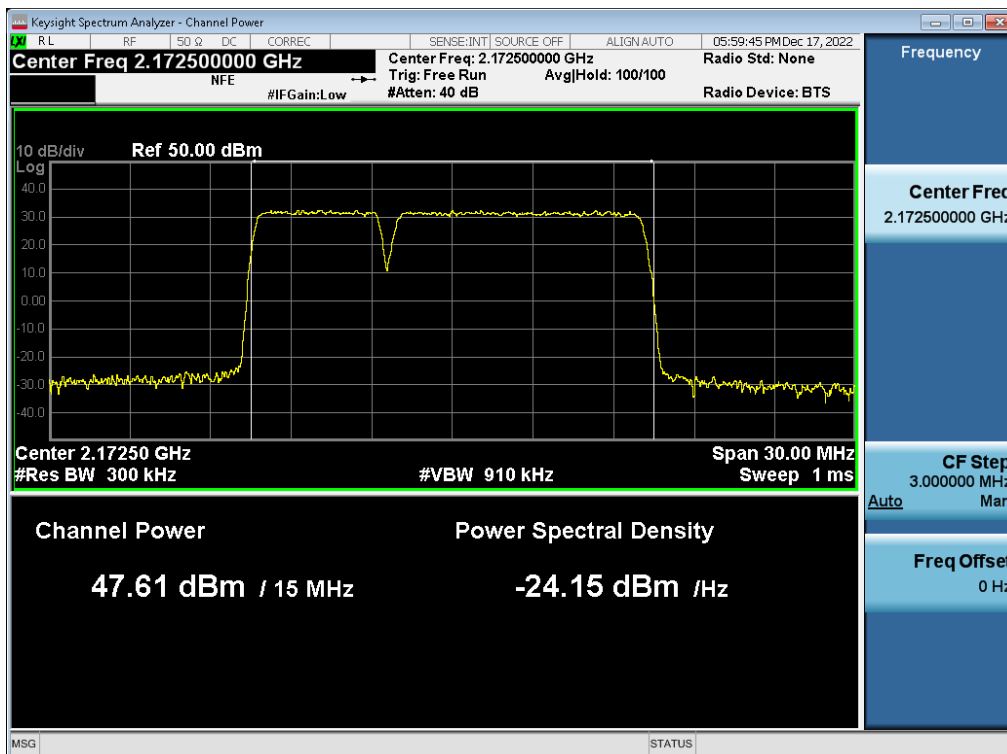
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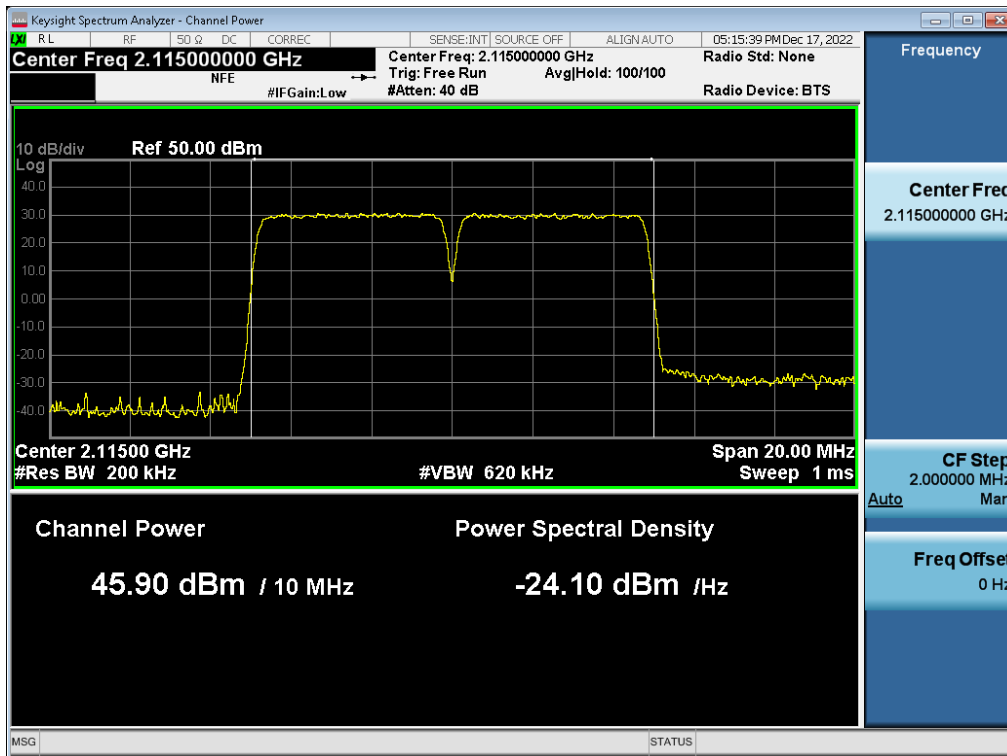
Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n66 5 MHz 1 Carrier / 64QAM / Low / Non-Contiguous



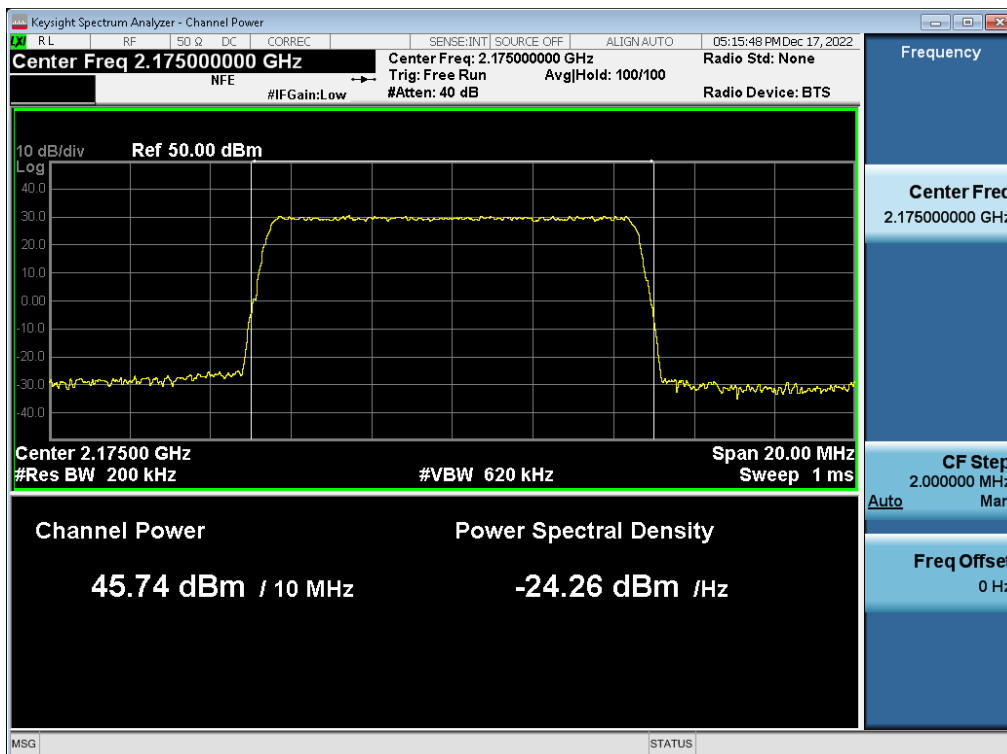
Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 64QAM / High / Non-Contiguous



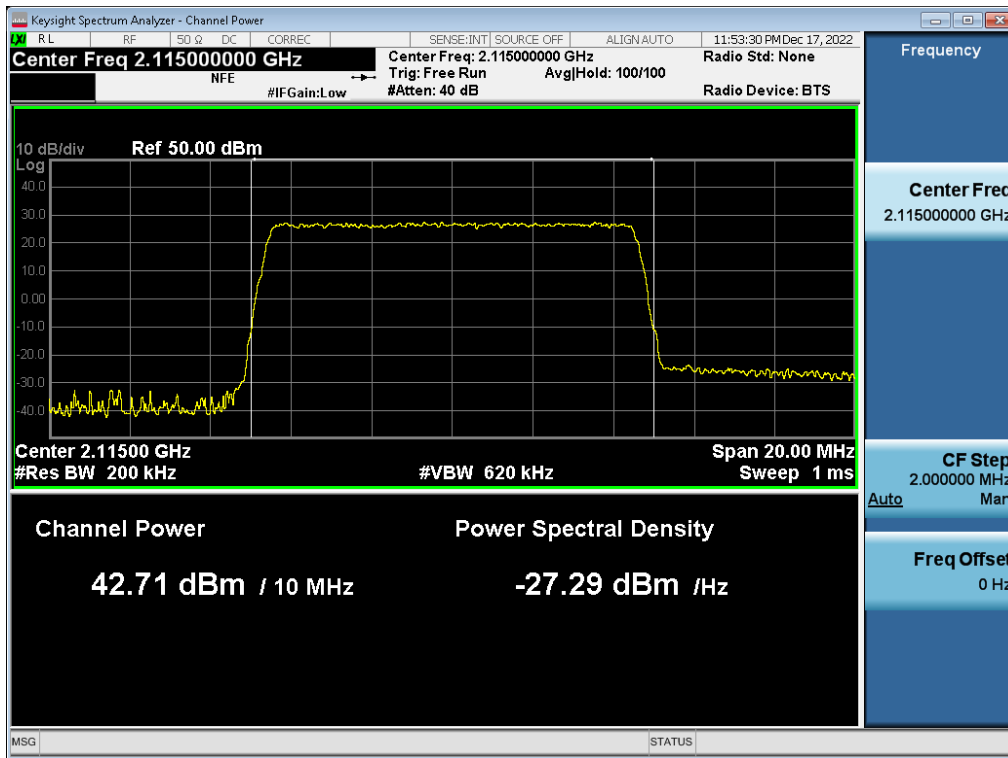
Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



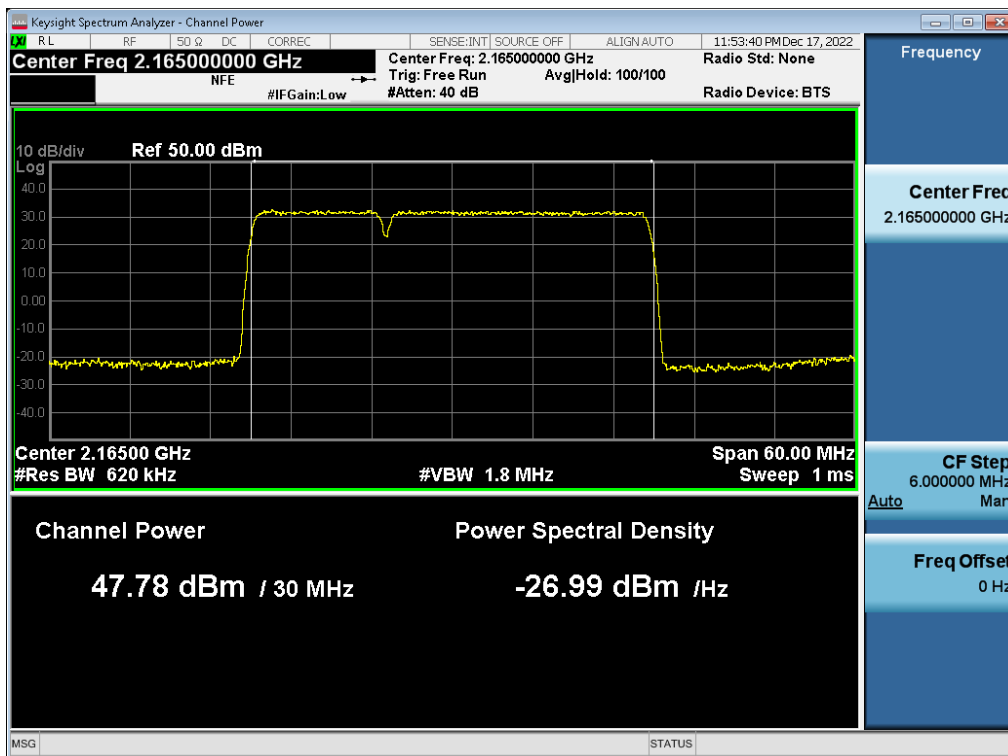
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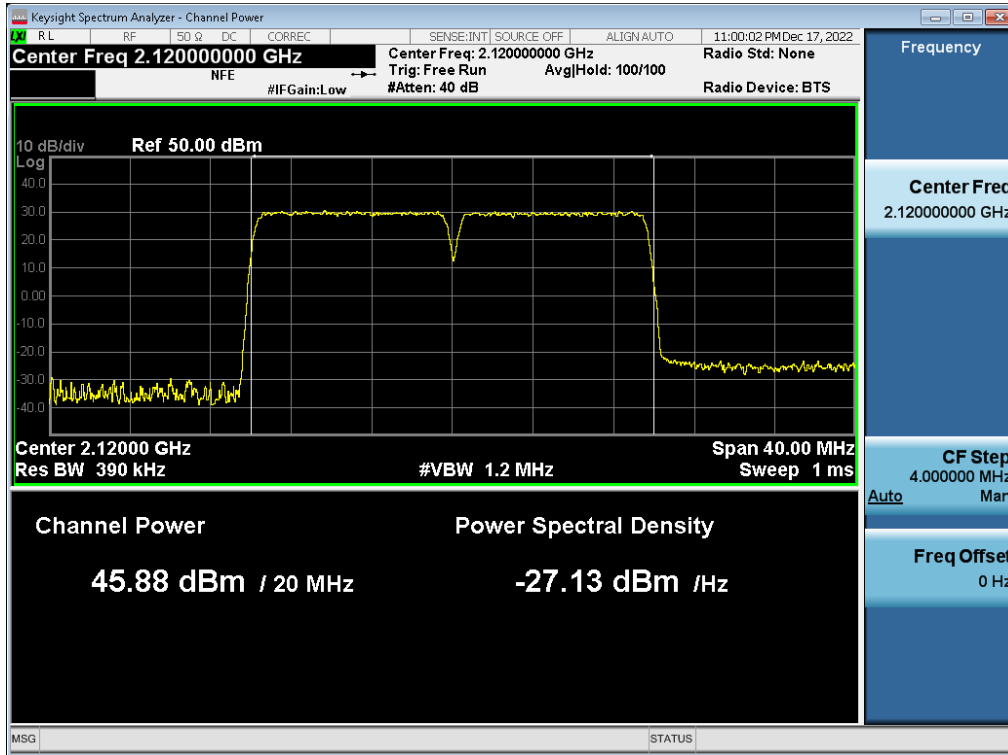
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / DSS B66 10 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



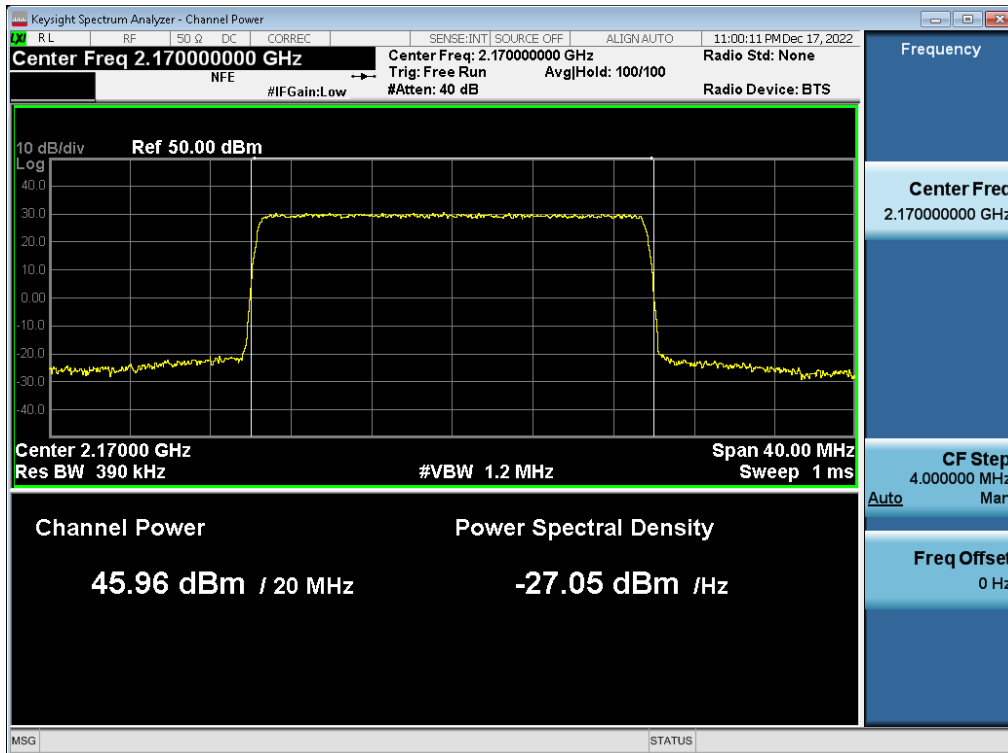
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous



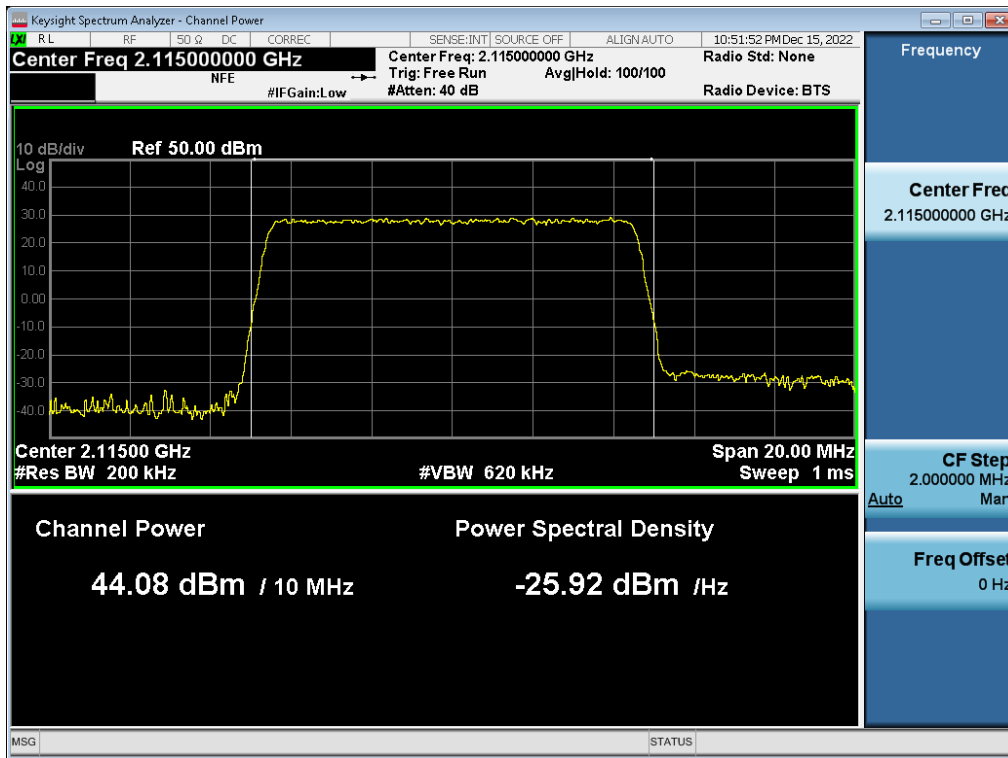
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



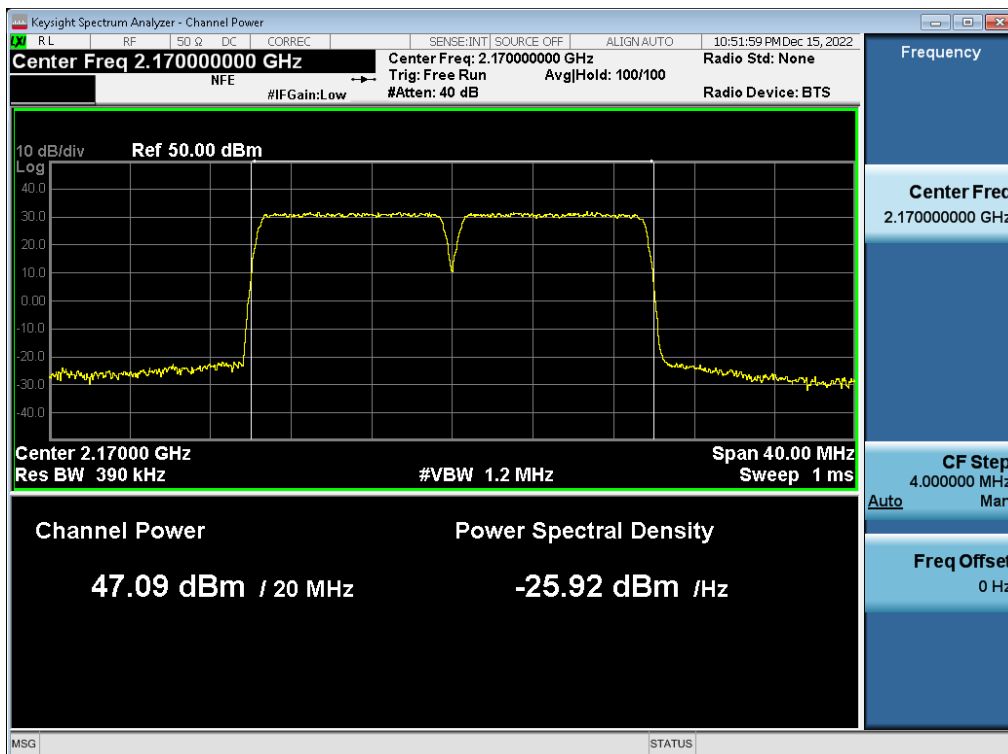
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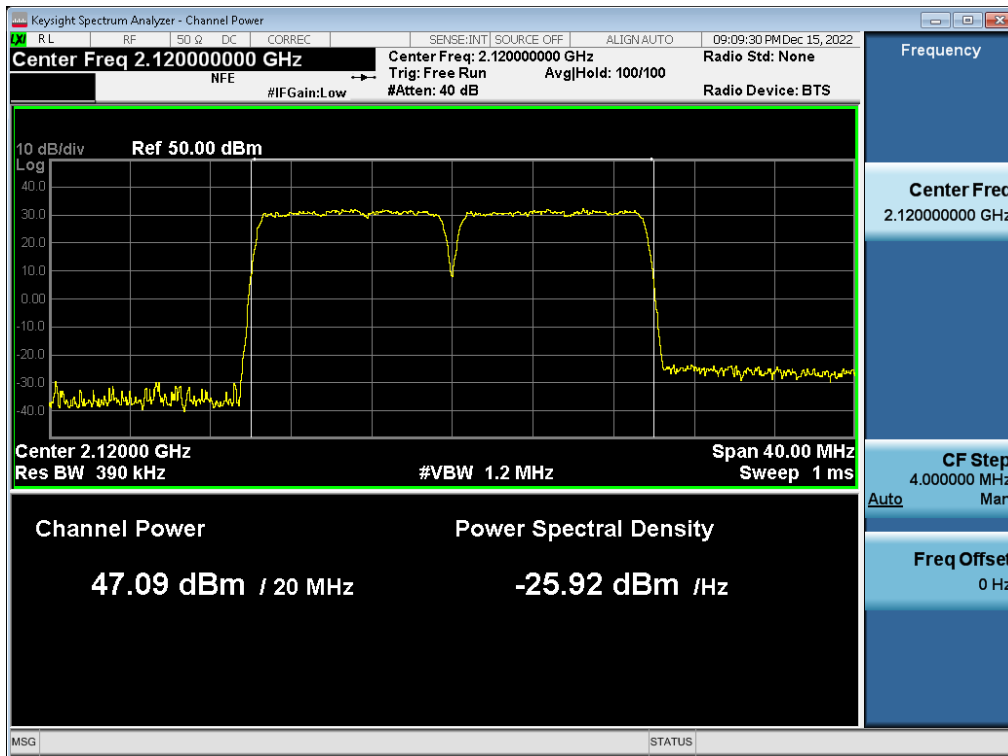
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / DSS B66 10 MHz 1 Carrier / 64QAM / Low / Non-Contiguous



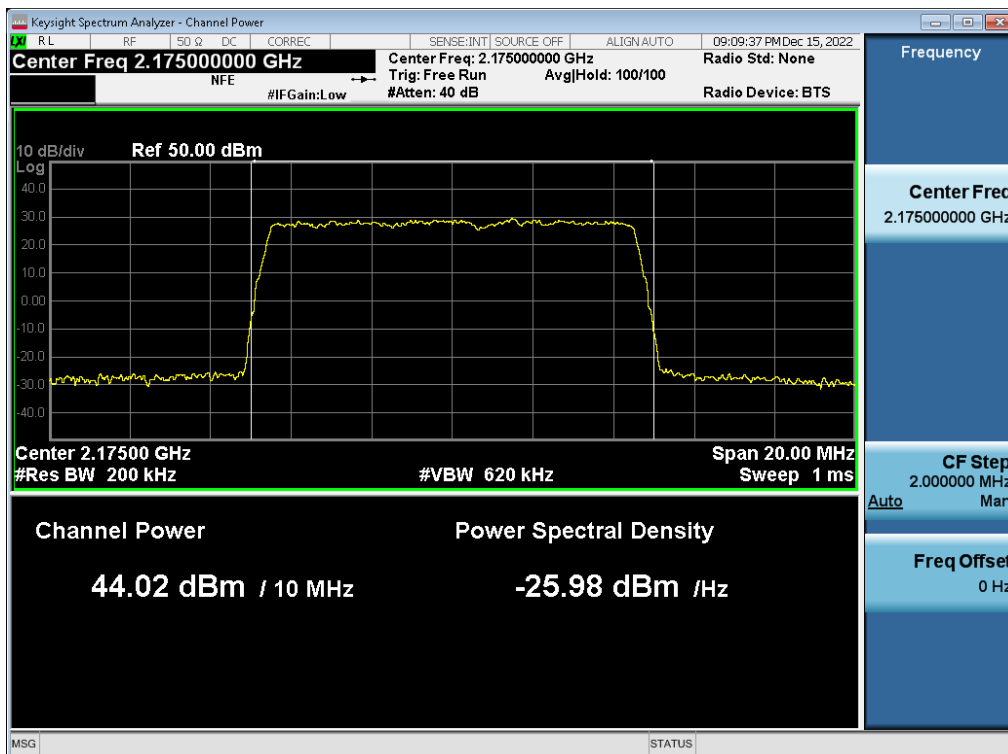
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 64QAM / High / Non-Contiguous



Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
[2C+1C] / DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 16QAM / Low / Non-Contiguous

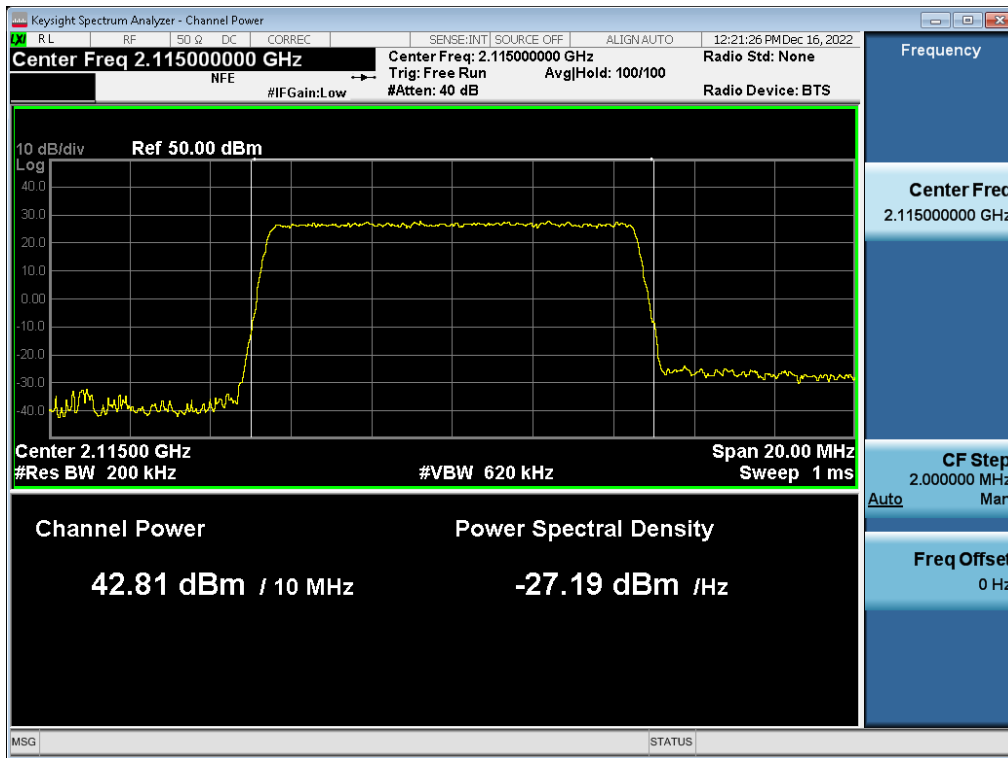


Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
[2C+1C] / DSS B66 10 MHz 1 Carrier / 16QAM / High / Non-Contiguous

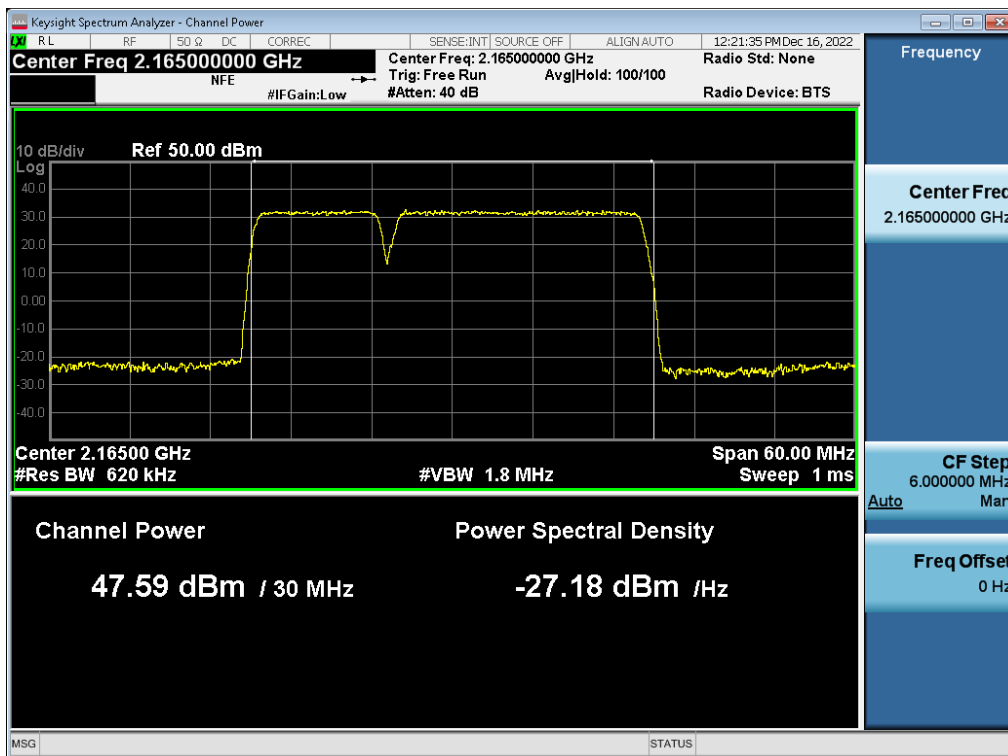




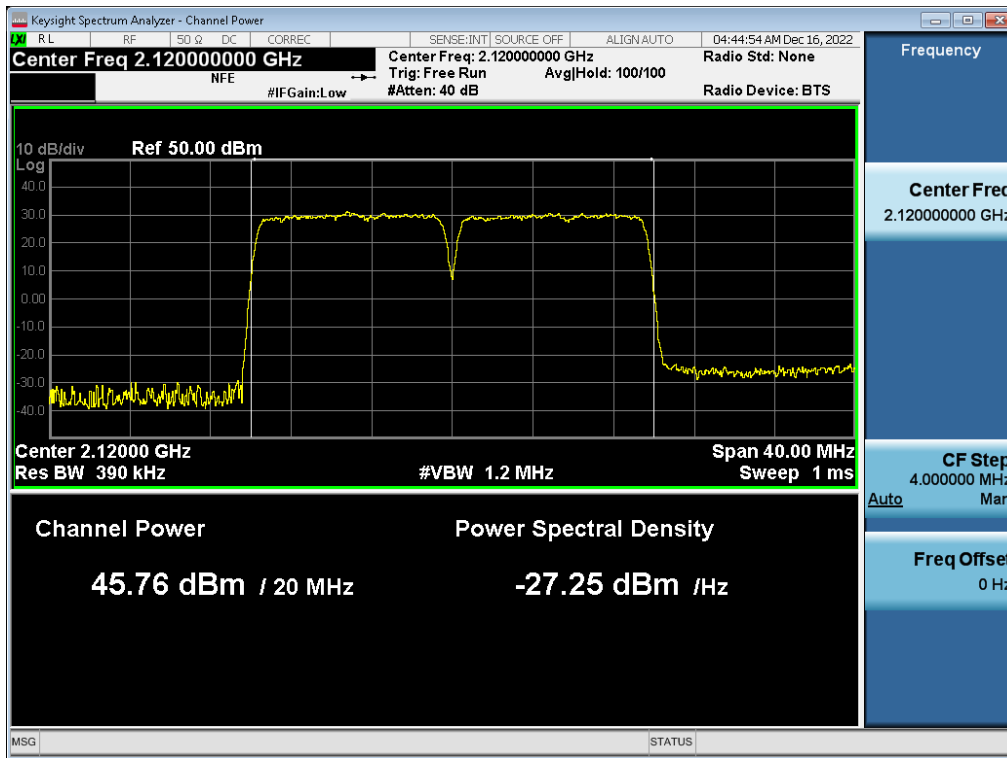
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 [1C+2C] / DSS B66 10 MHz 1 Carrier / QPSK / Low / Non-Contiguous



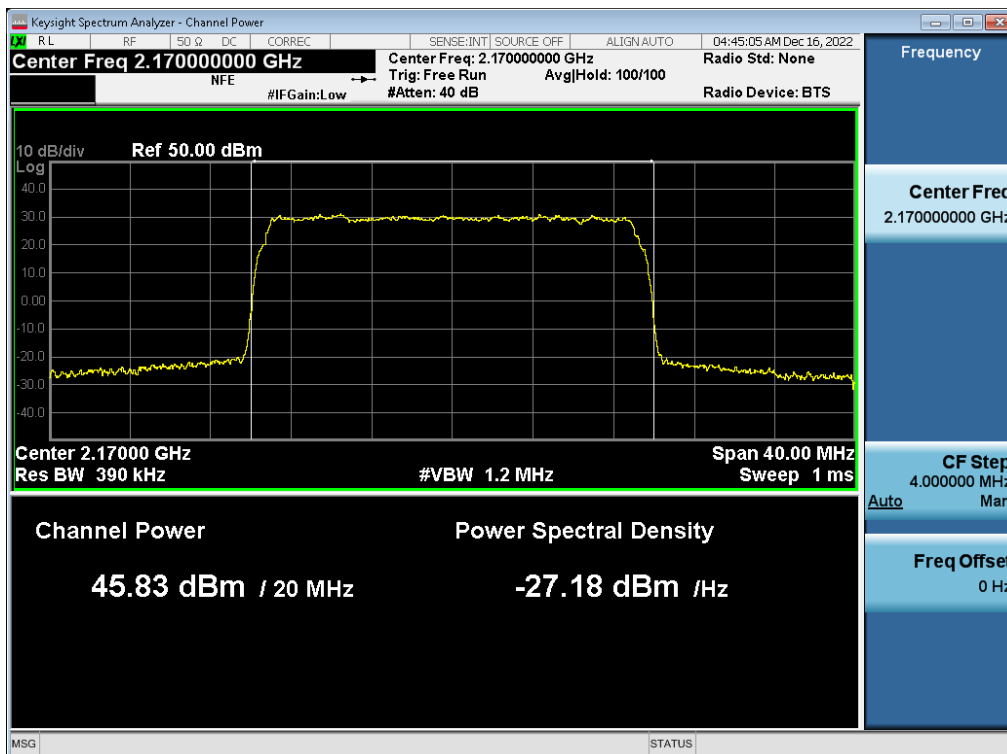
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]  
 [1C+2C] / DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier / QPSK / High / Non-Contiguous



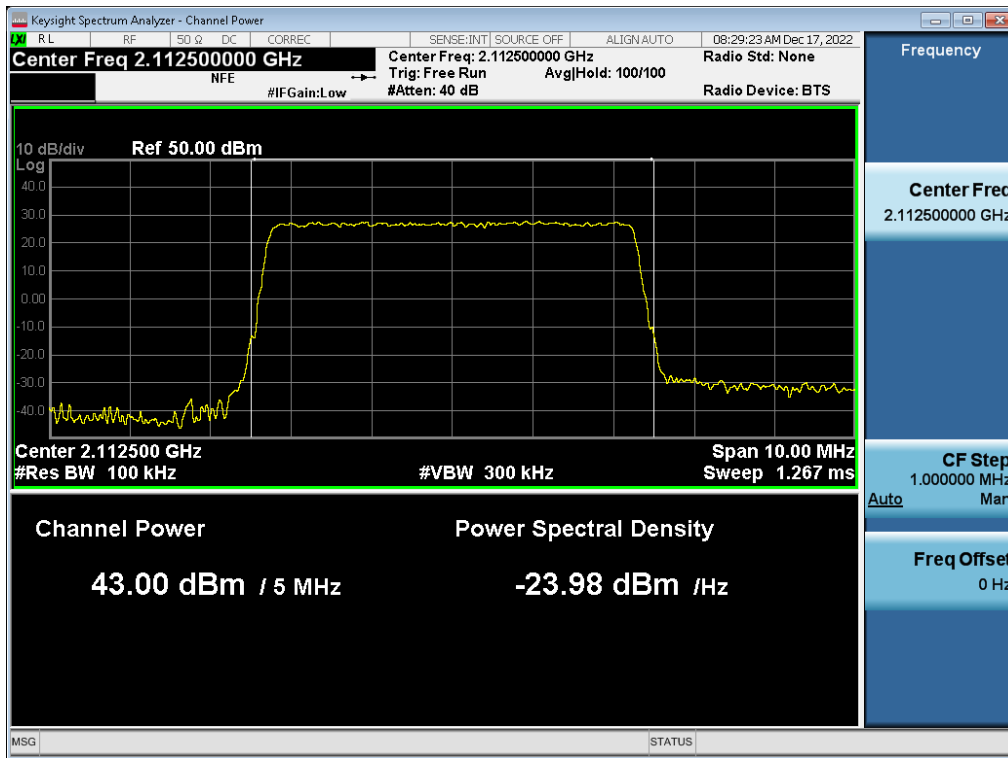
Antenna 1 / (2 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]  
 [2C+1C] / DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



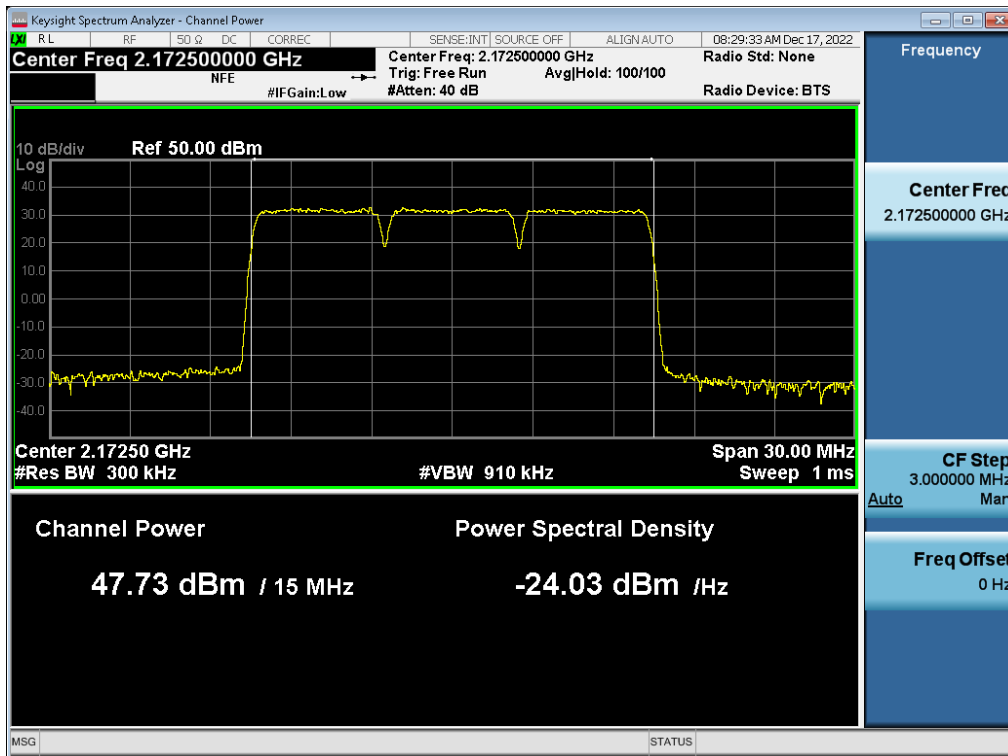
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 [2C+1C] / DSS B66 20 MHz 1 Carrier / 16QAM / High / Non-Contiguous



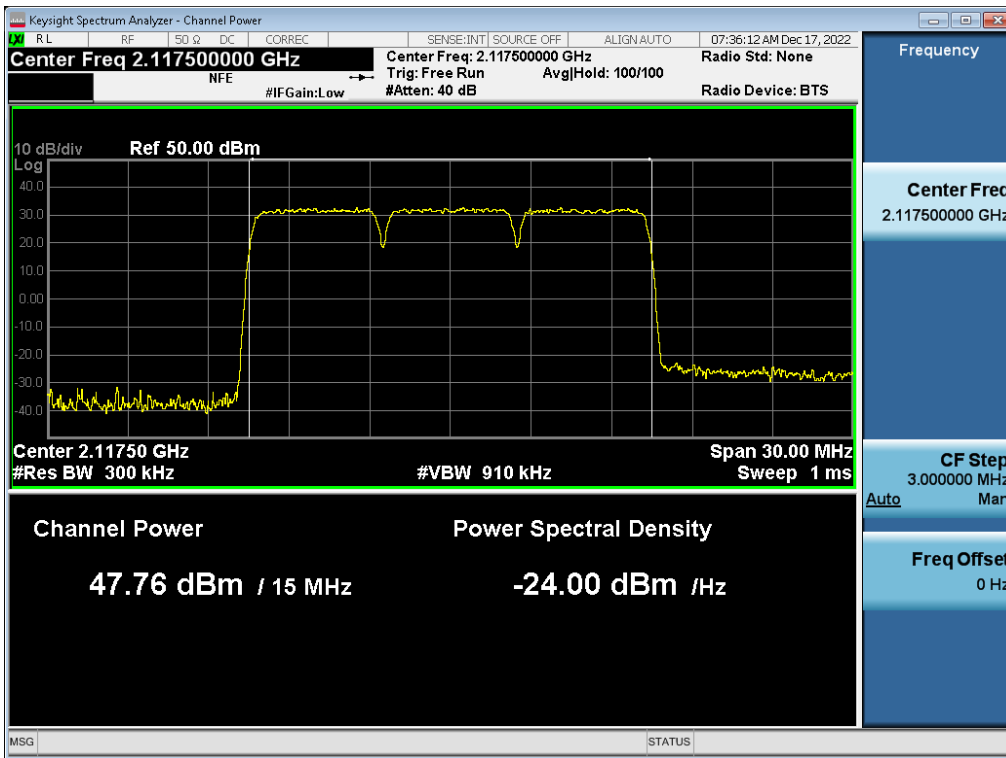
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



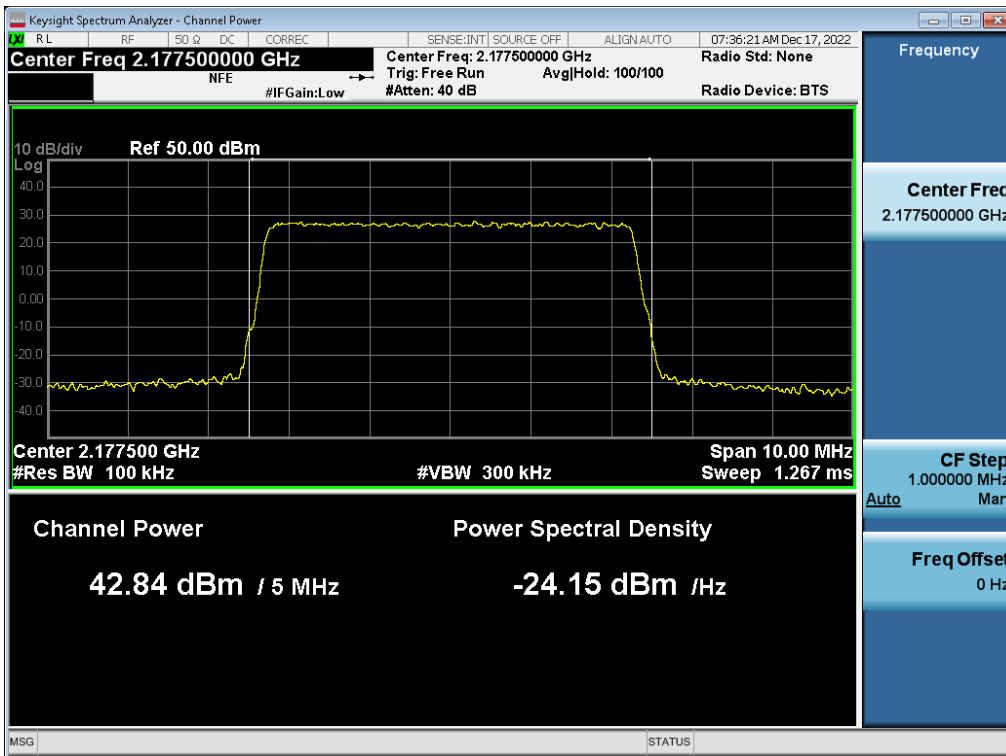
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [1C+3C] / 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier / 256QAM / High / Non-Contiguous



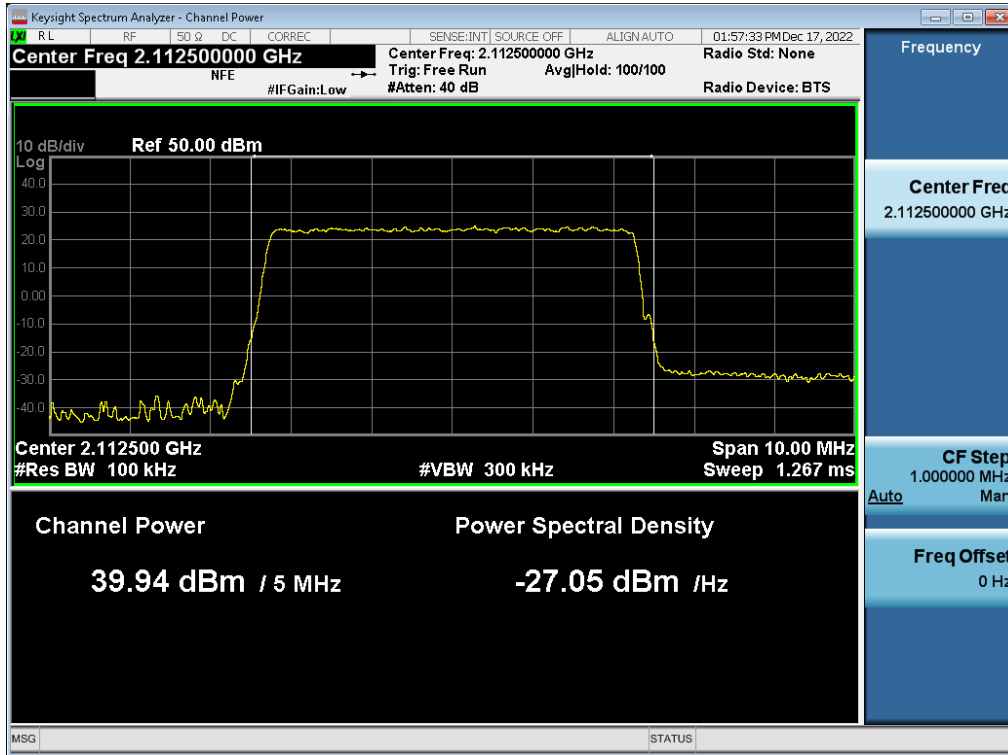
Antenna 1 / ( 2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [3C+1C] / LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



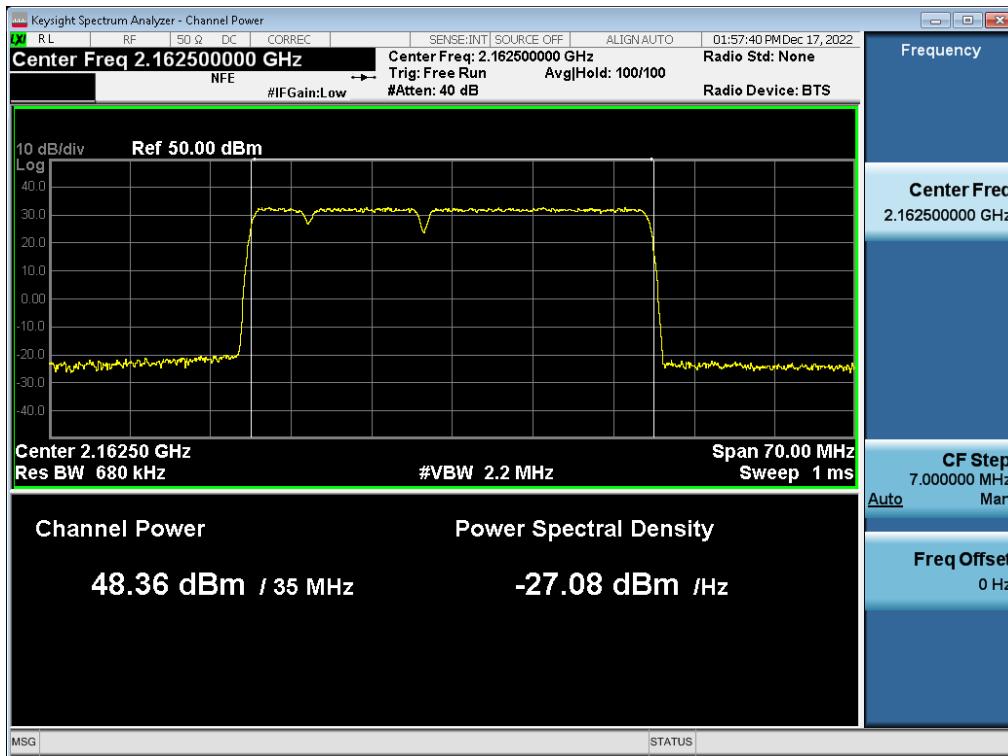
Antenna 1 / ( 2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [3C+1C] / 5G NR n66 5 MHz 1 Carrier / 256QAM / High / Non-Contiguous



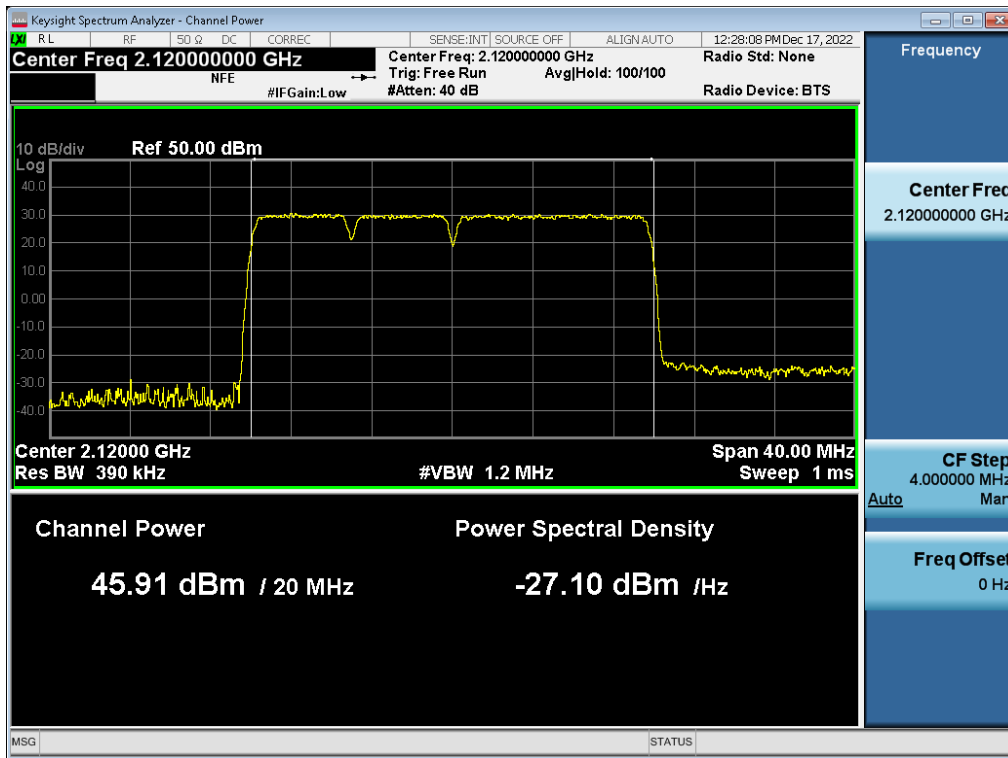
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous**



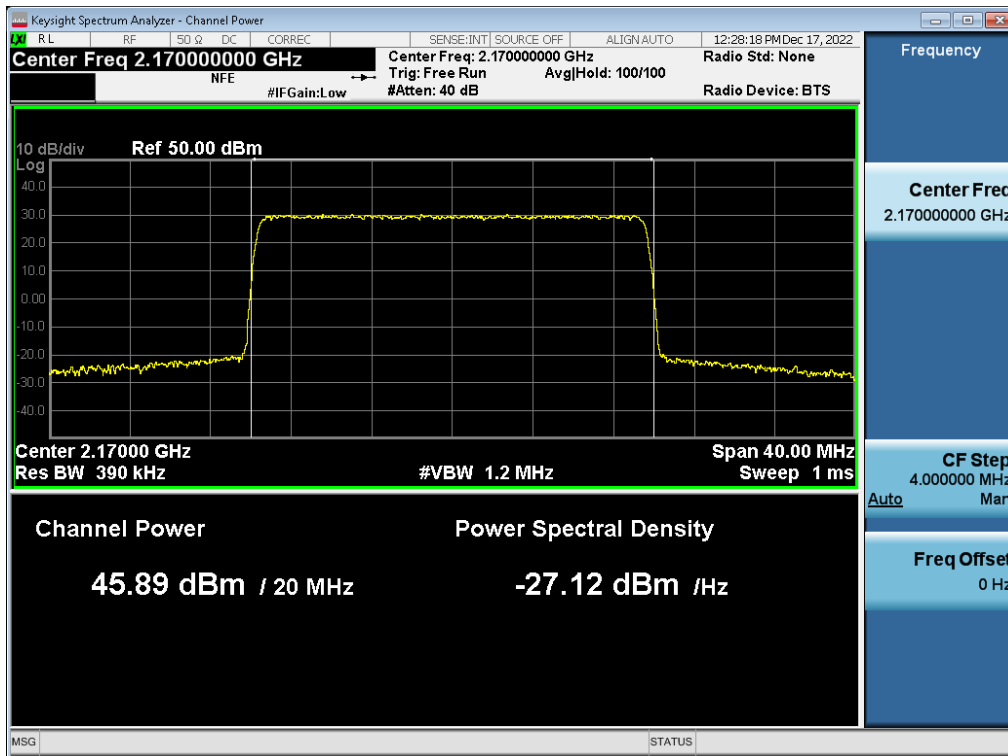
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [1C+3C] / 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous**



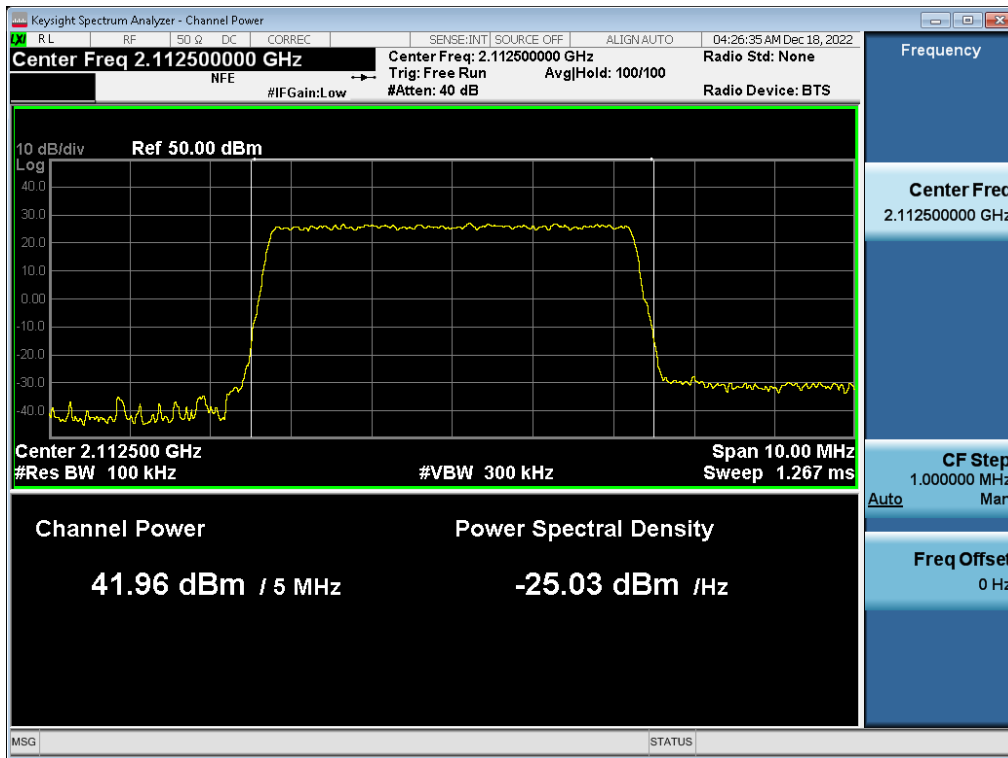
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [3C+1C] / LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier / QPSK / Low / Non-Contiguous



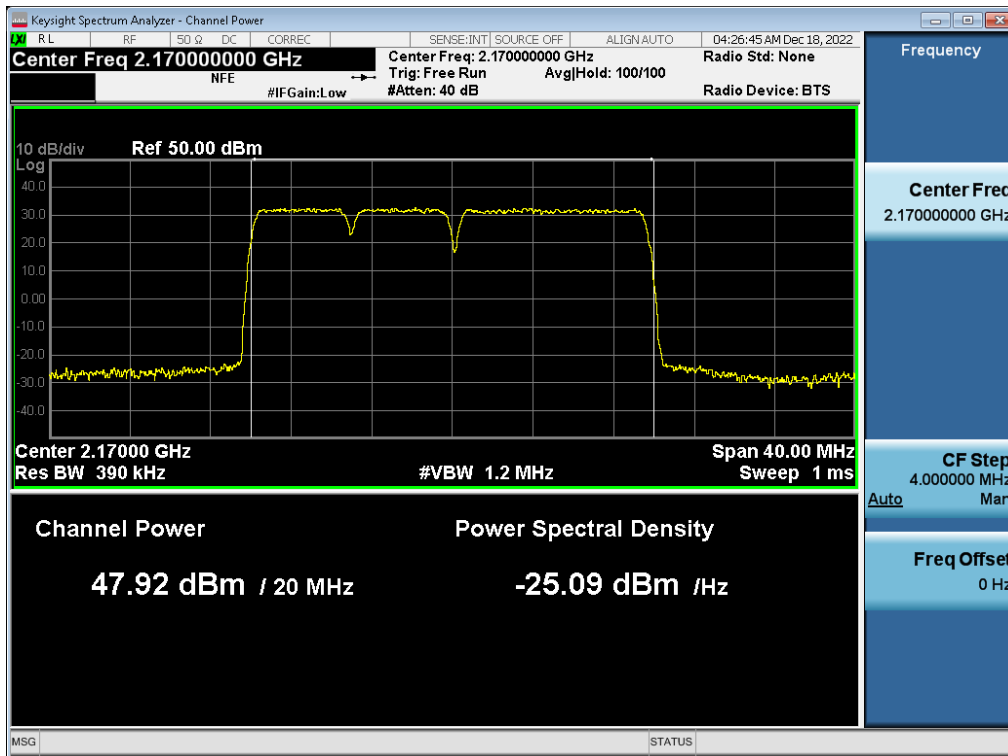
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [3C+1C] / 5G NR n66 20 MHz 1 Carrier / QPSK / High / Non-Contiguous



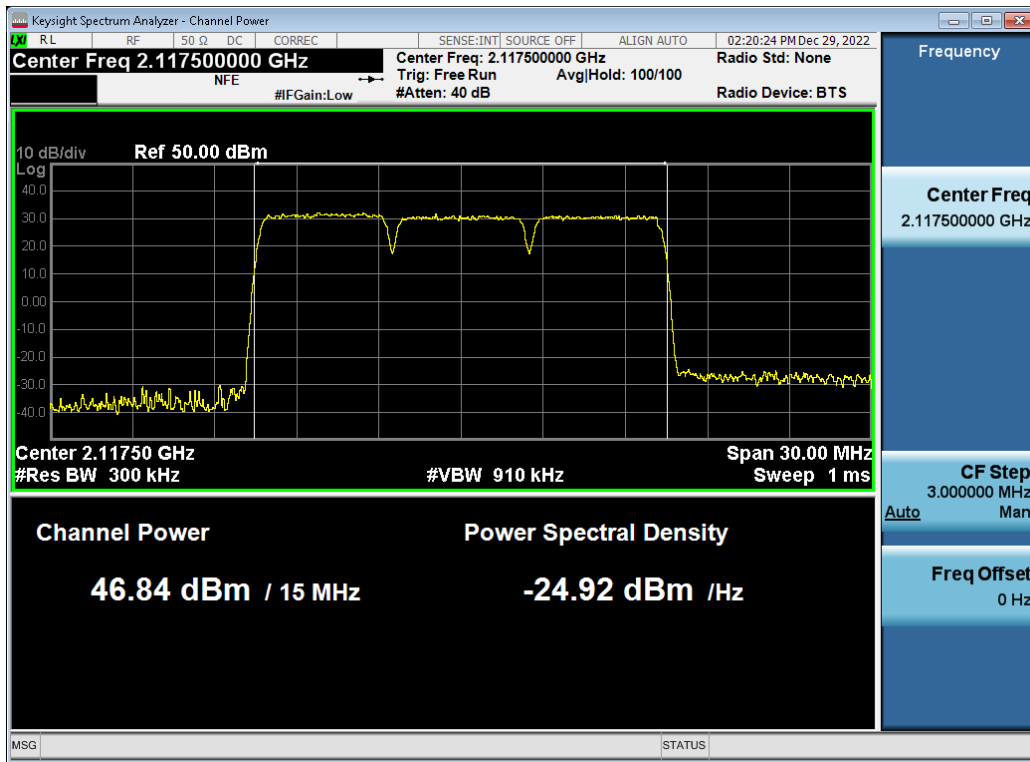
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier / 64QAM / Low / Non-Contiguous



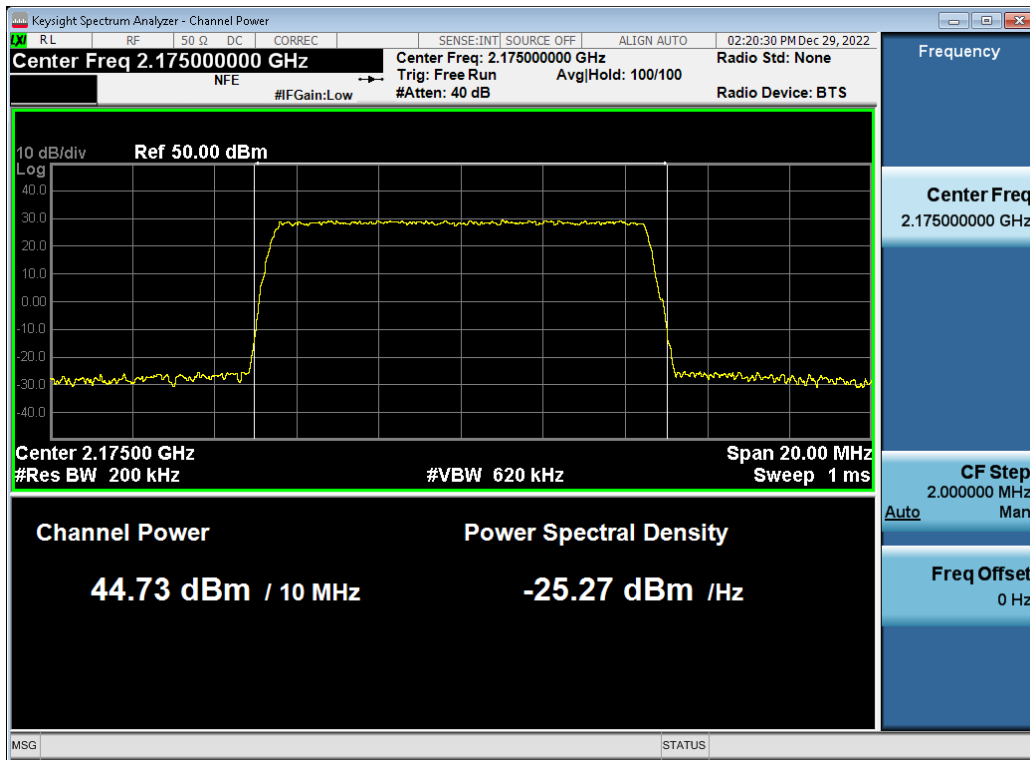
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C] / 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 64QAM / High / Non-Contiguous



Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C] / LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous

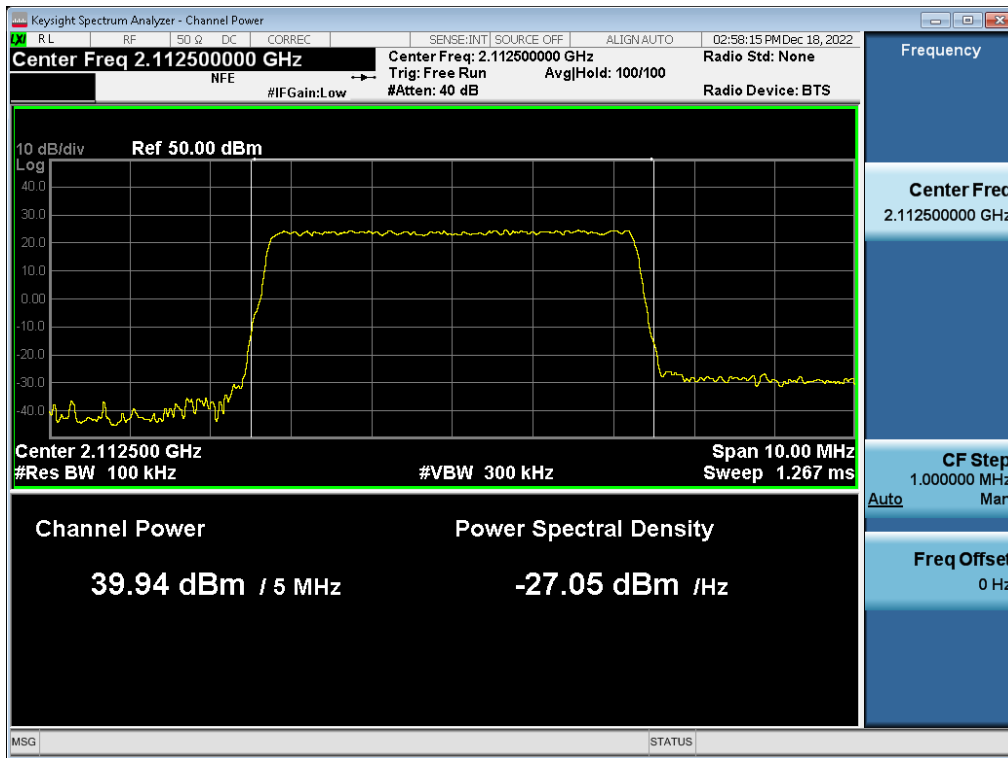


Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C] / DSS B66 10 MHz 1 Carrier / 256QAM / High / Non-Contiguous

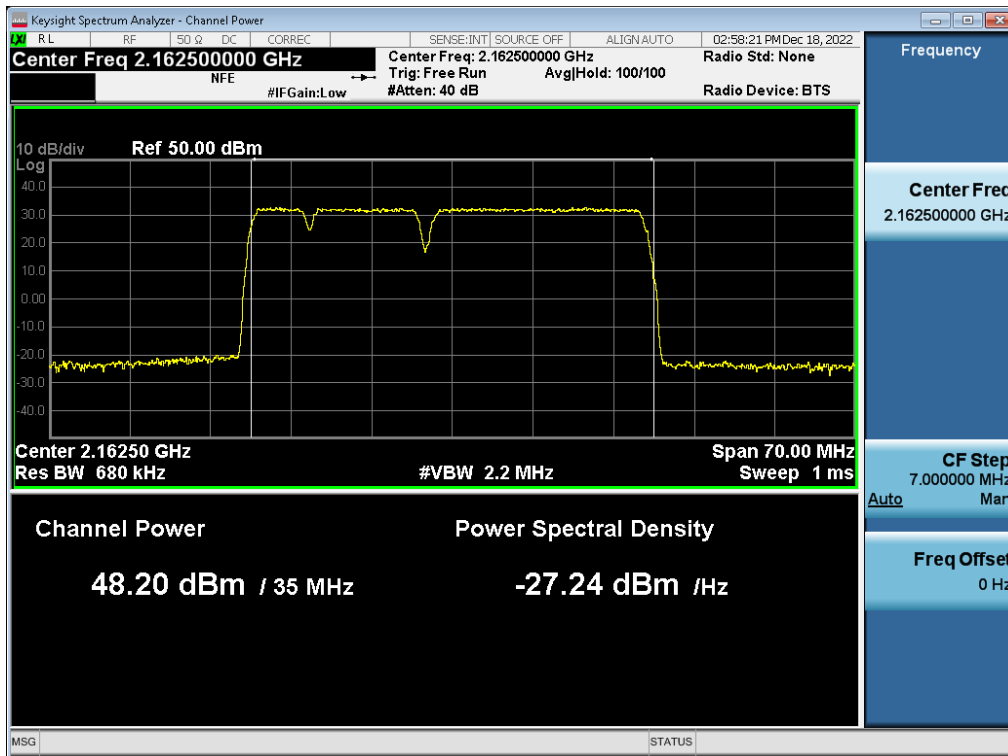




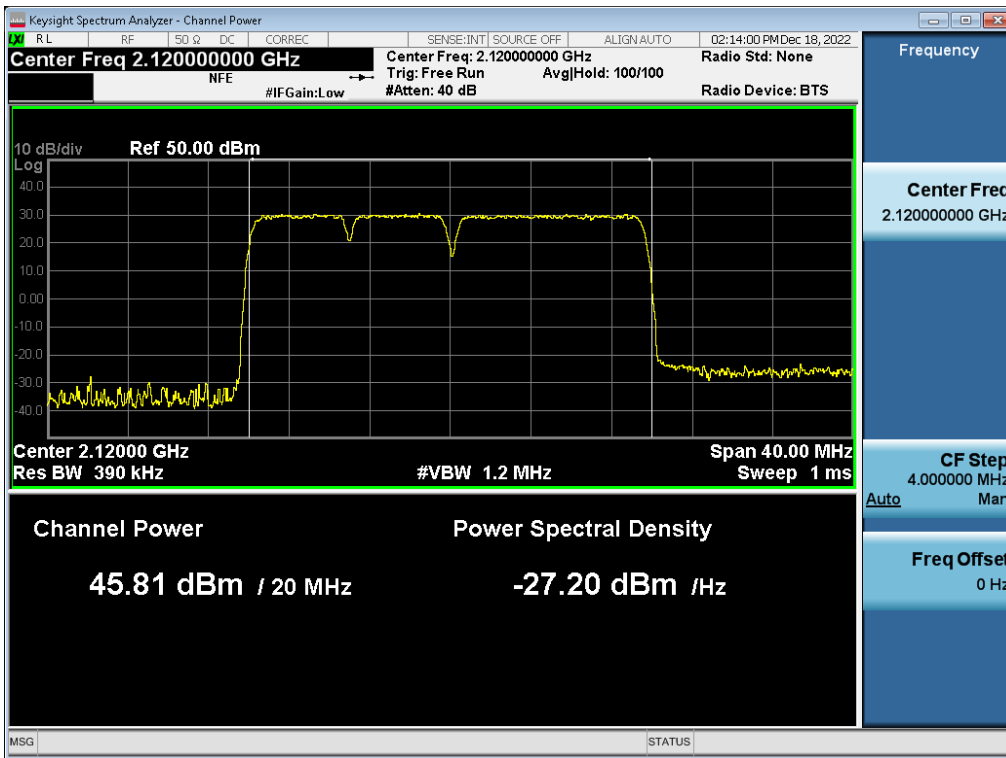
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier / 64QAM / Low / Non-Contiguous**



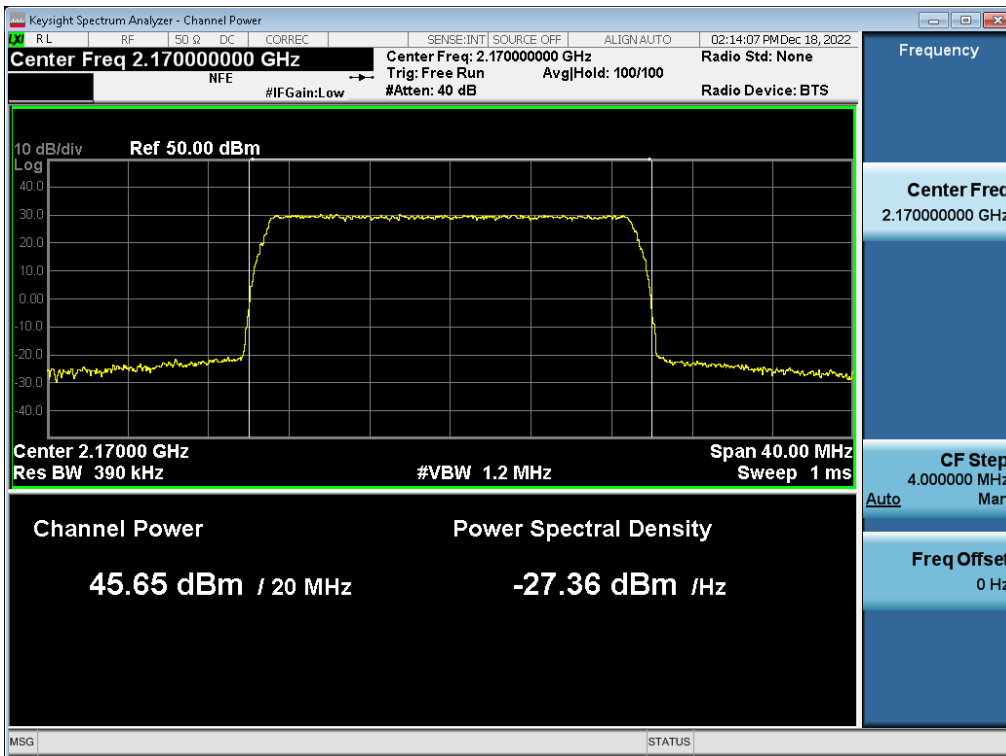
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [1C+3C] / 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier / 64QAM / High / Non-Contiguous**



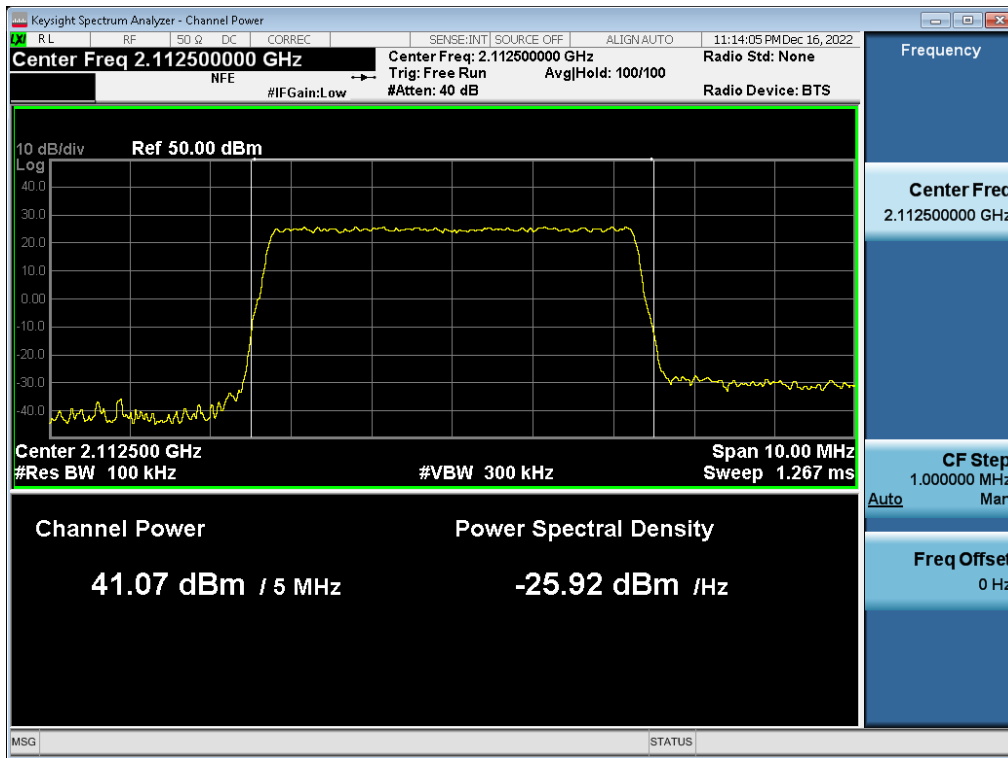
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [3C+1C] / LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



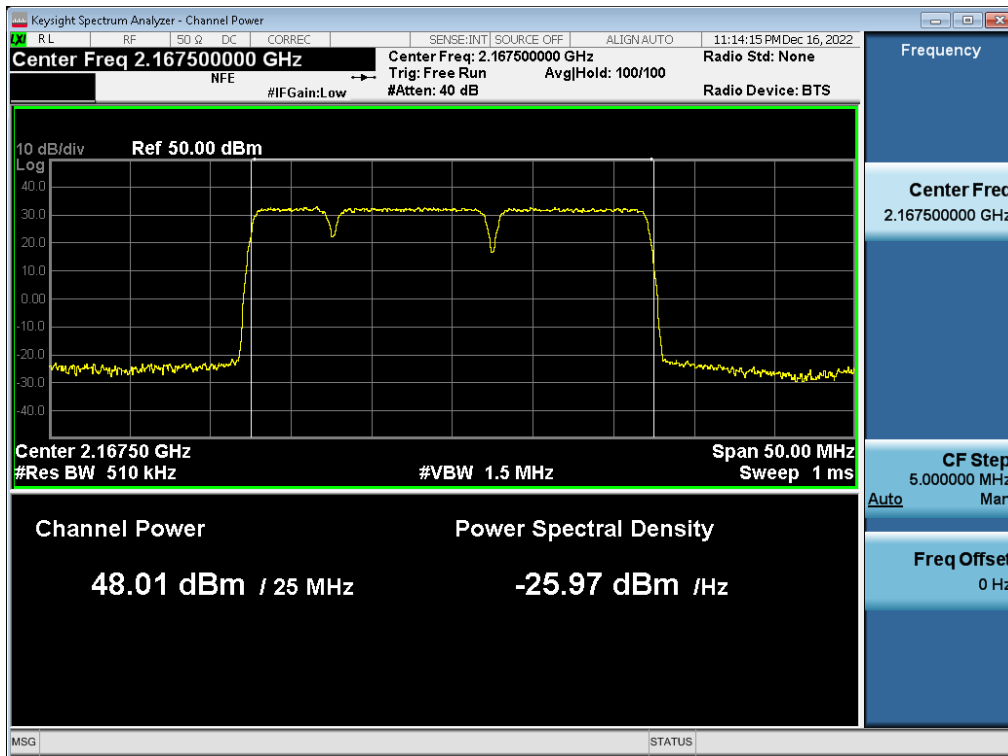
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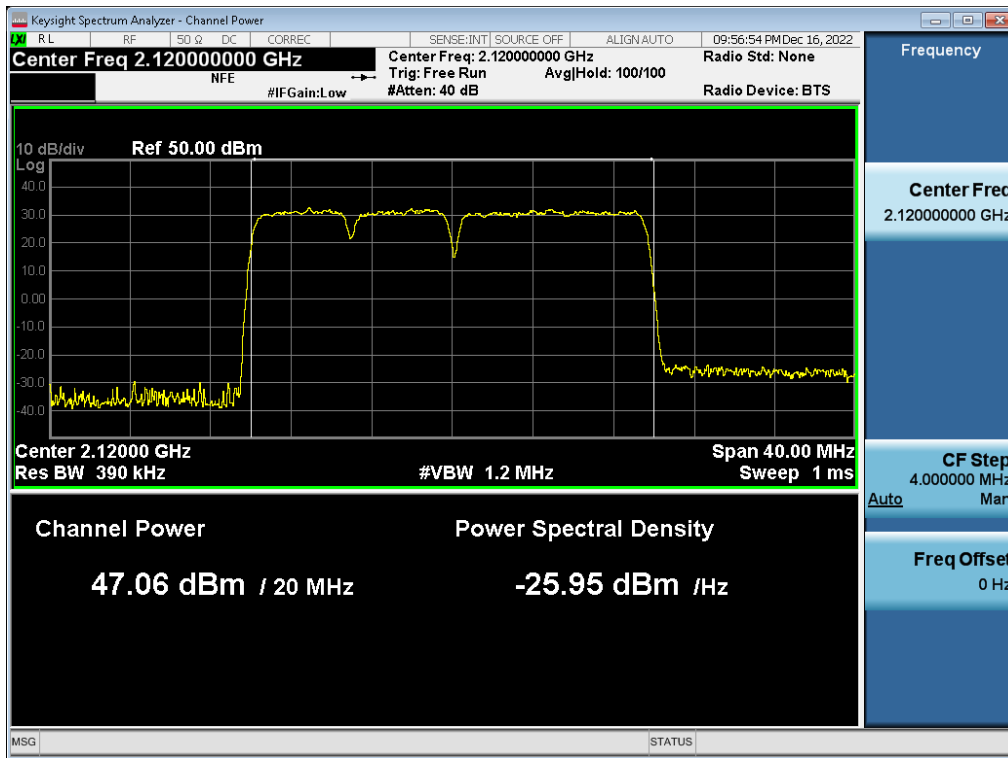
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous**



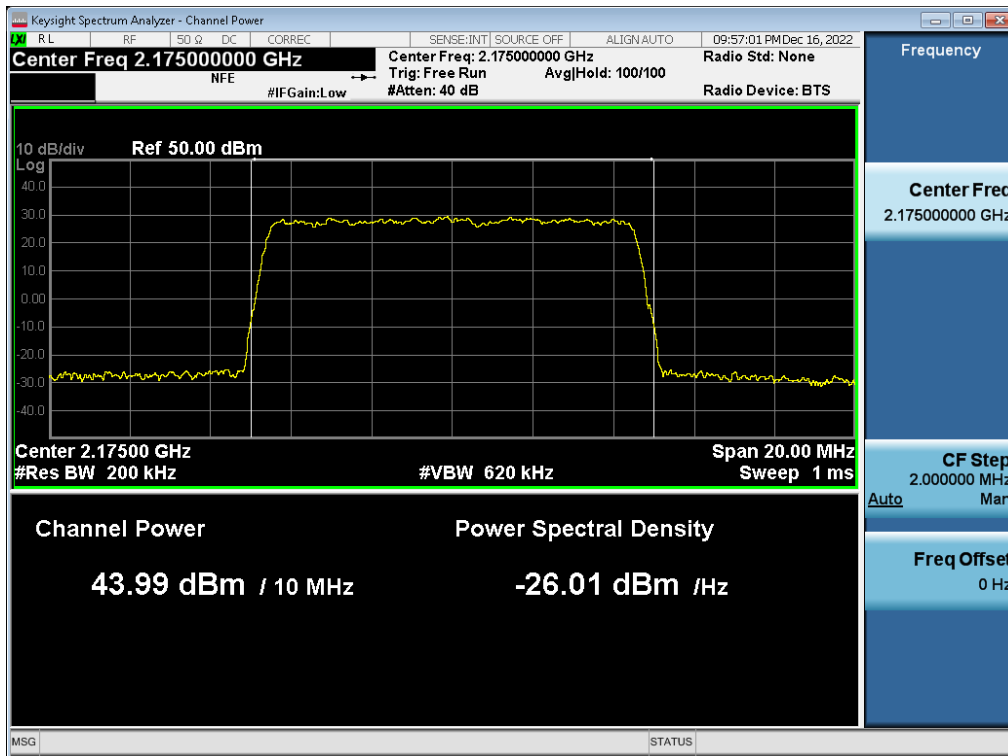
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 256QAM / High / Non-Contiguous**



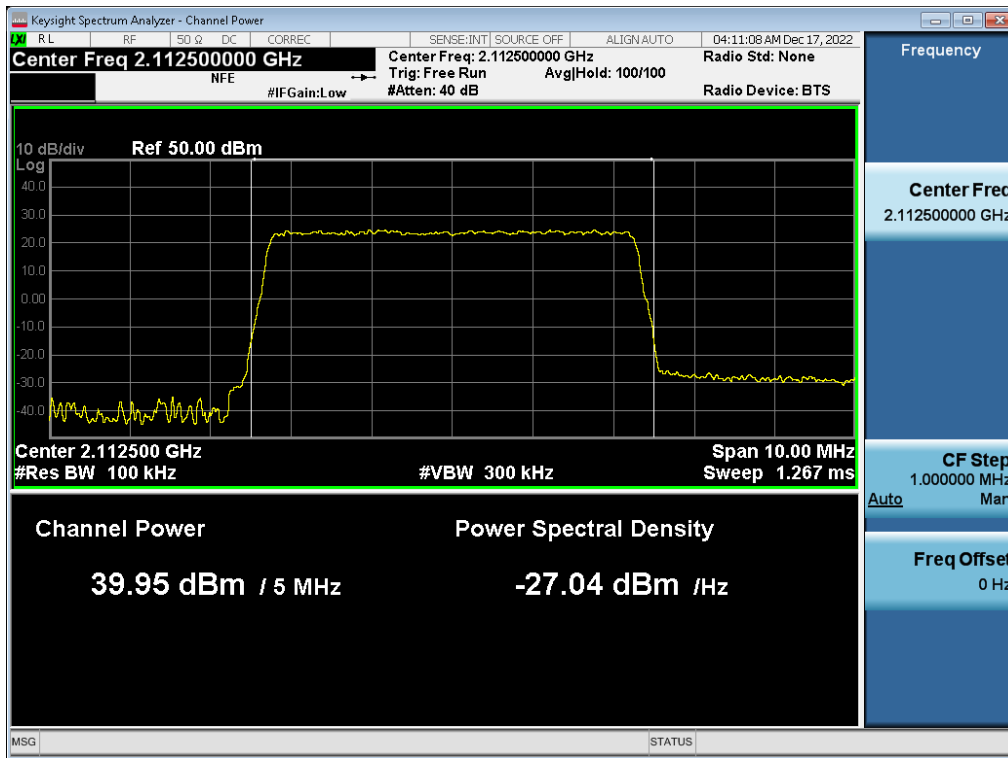
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C] / LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



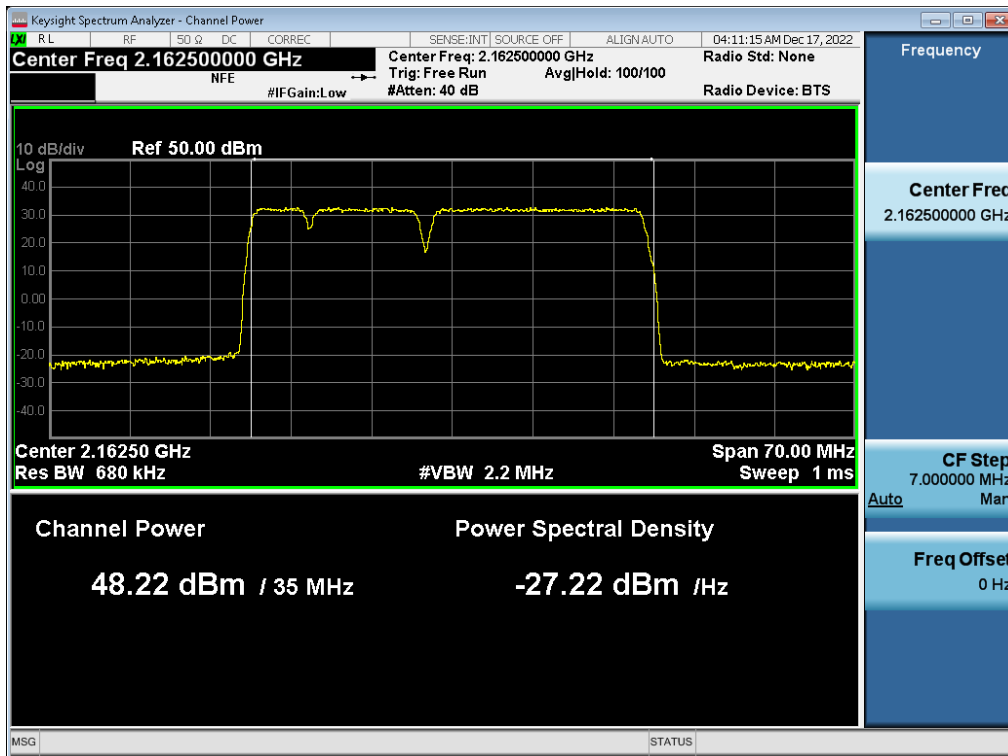
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C] / DSS B66 10 MHz 1 Carrier / 16QAM / High / Non-Contiguous



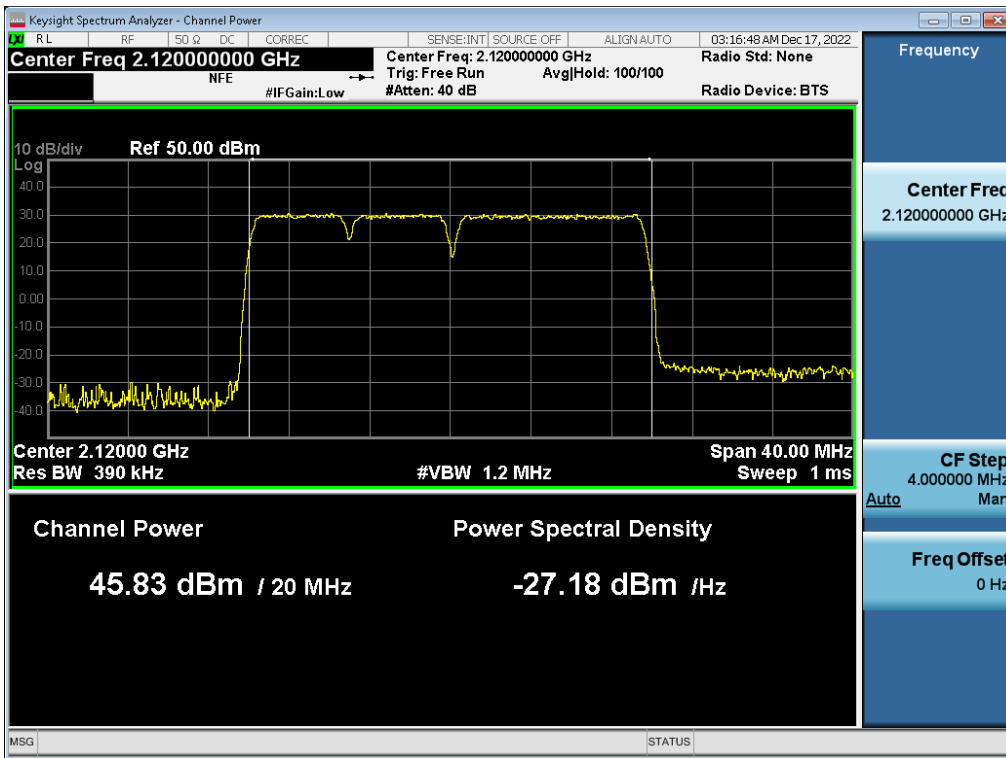
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous**



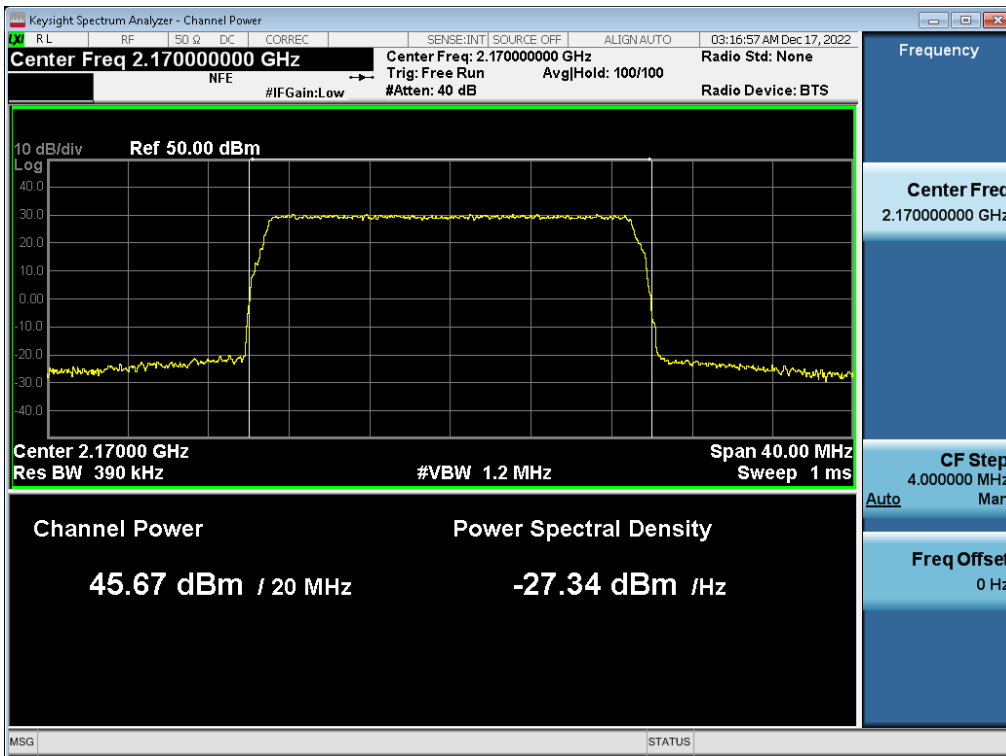
**Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [1C+3C] / LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous**



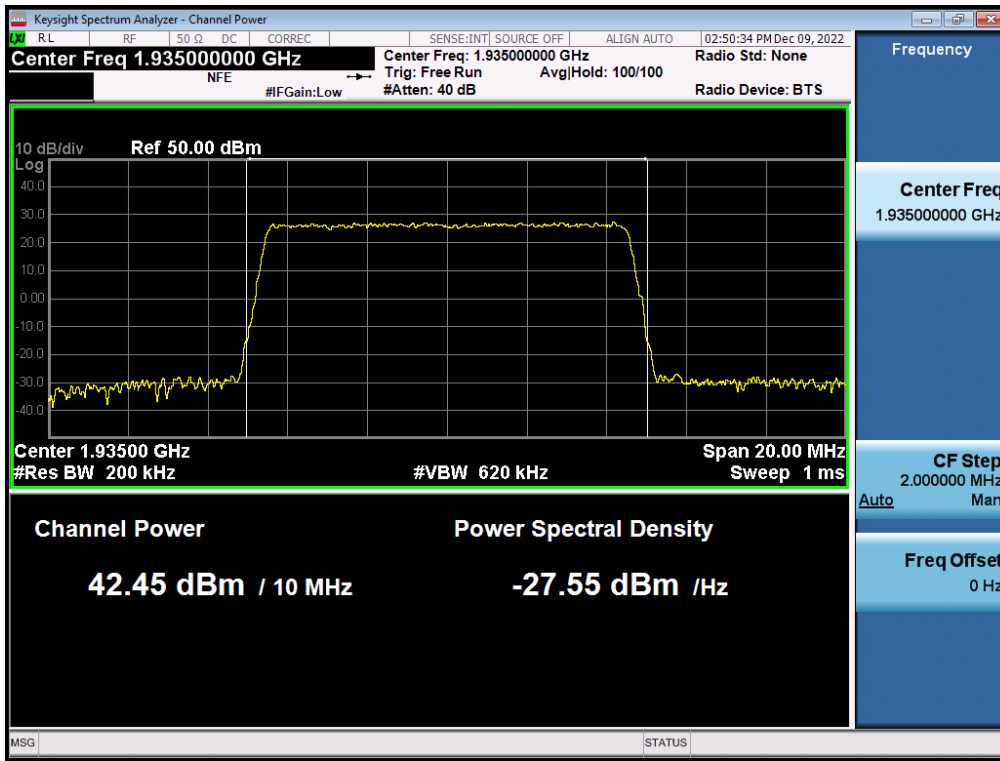
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [3C+1C] / LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



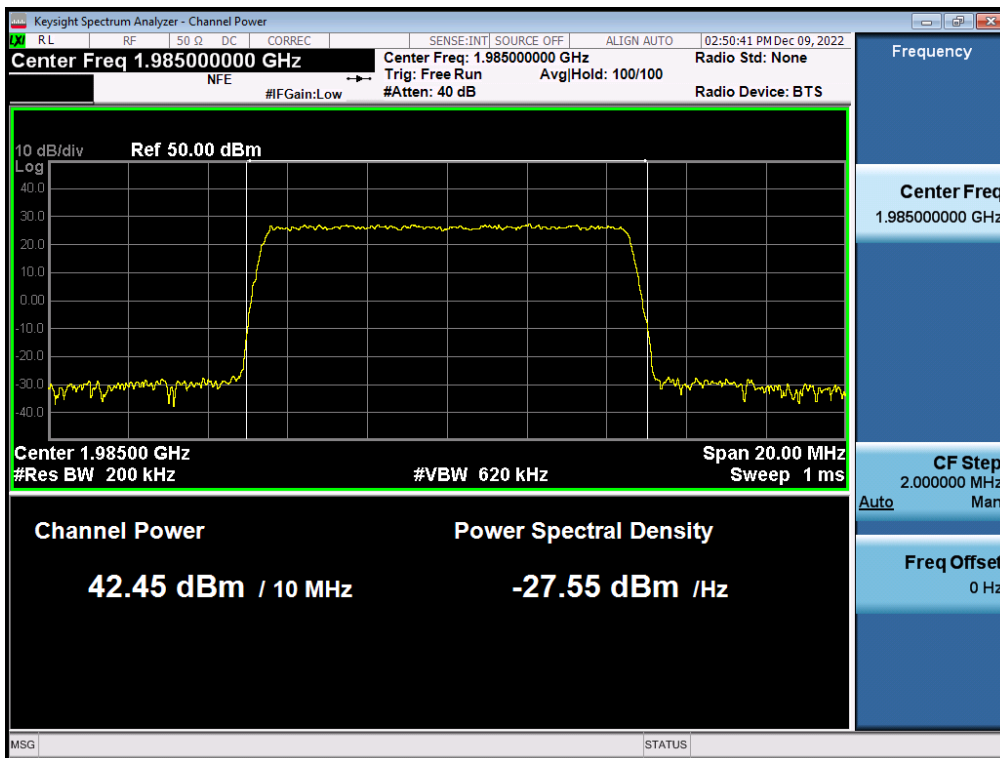
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [4 Carrier] [3C+1C] / DSS B66 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous



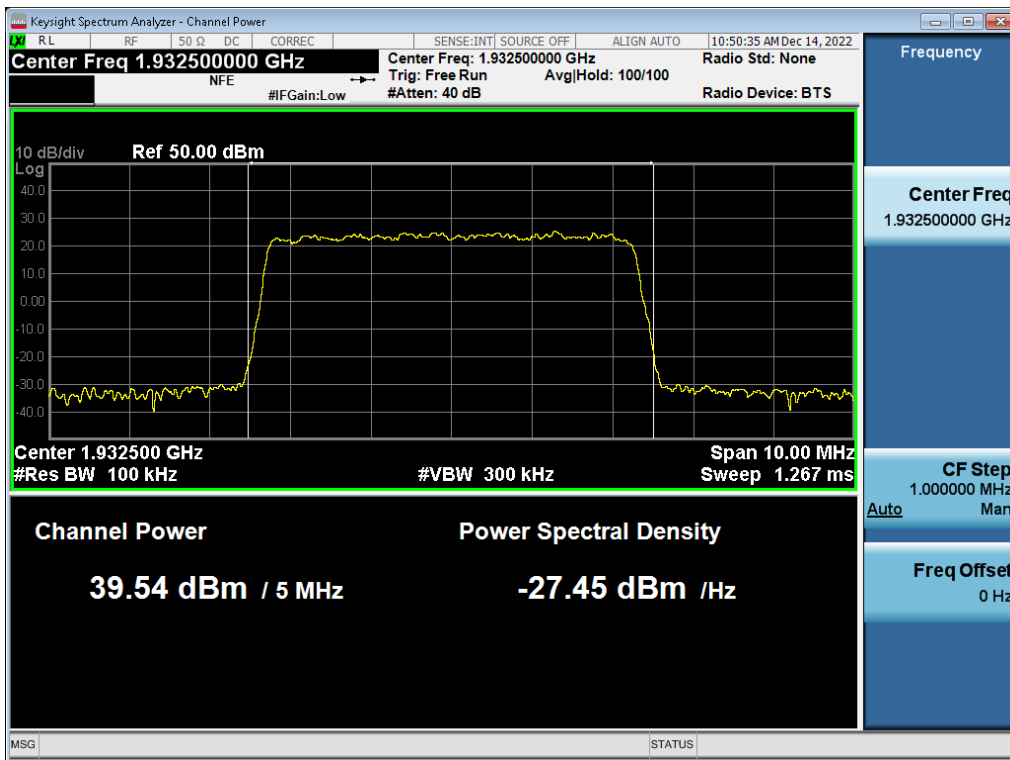
Antenna 2 / (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier] / DSS B2 10 MHz 1 Carrier / 64QAM / Low / Non-Contiguous



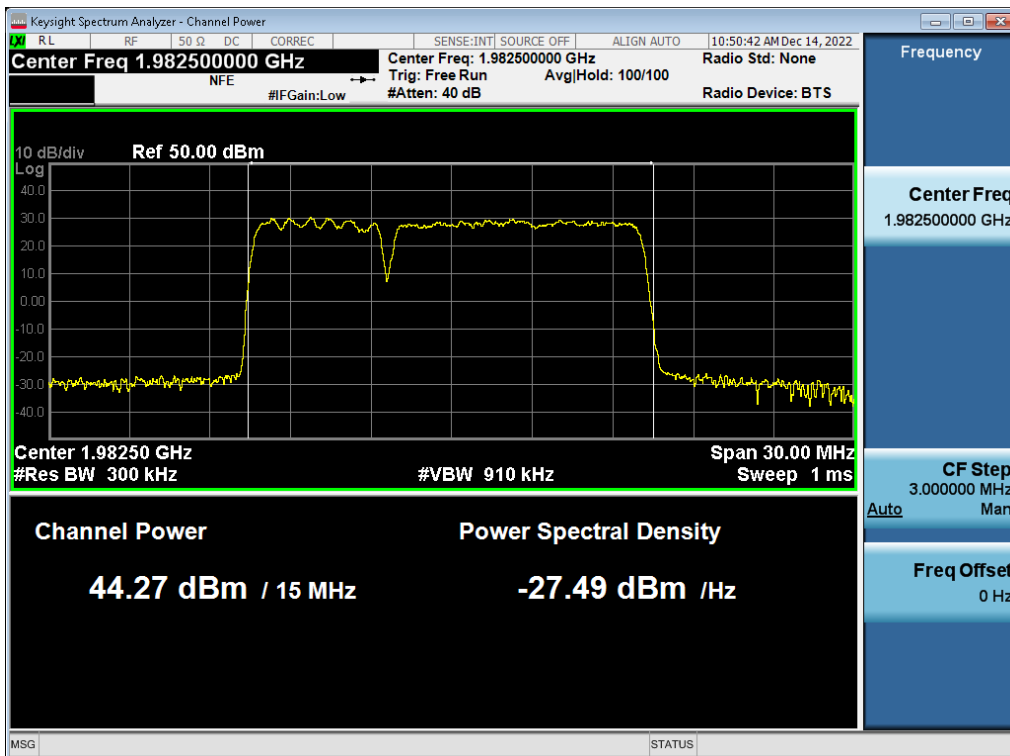
Antenna 2 / (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [2 Carrier] / DSS B2 10 MHz 1 Carrier / 64QAM / High / Non-Contiguous



Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] /  
 LTE B2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous

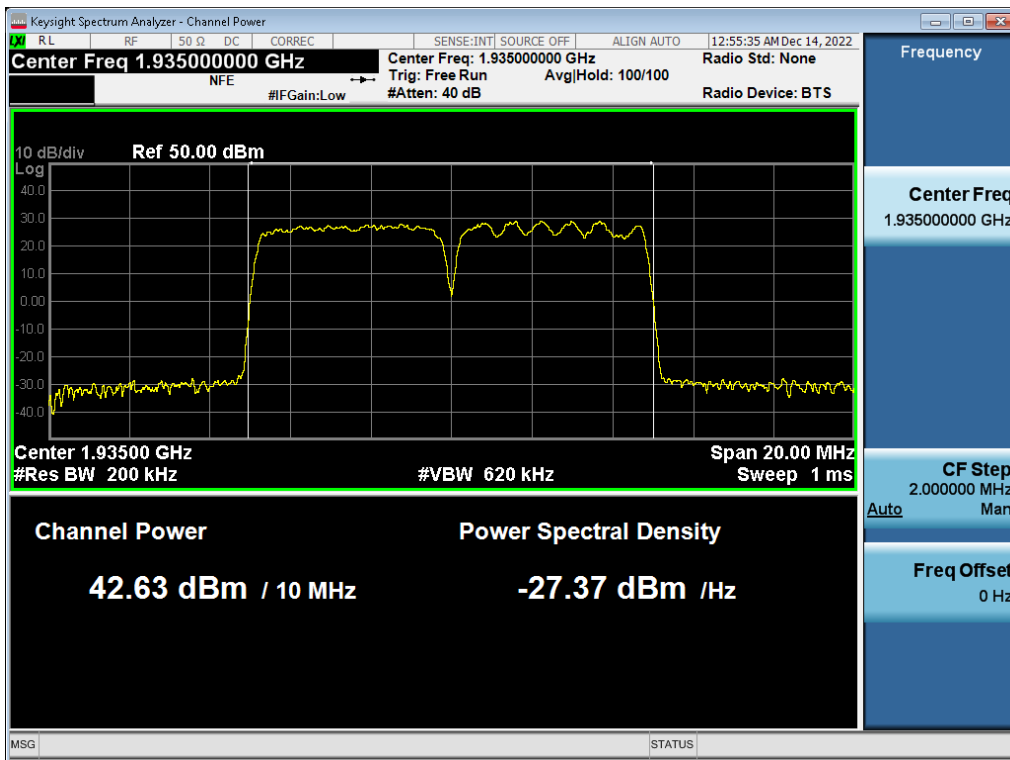


Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [1C+2C] /  
 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier / 16QAM / High / Non-Contiguous

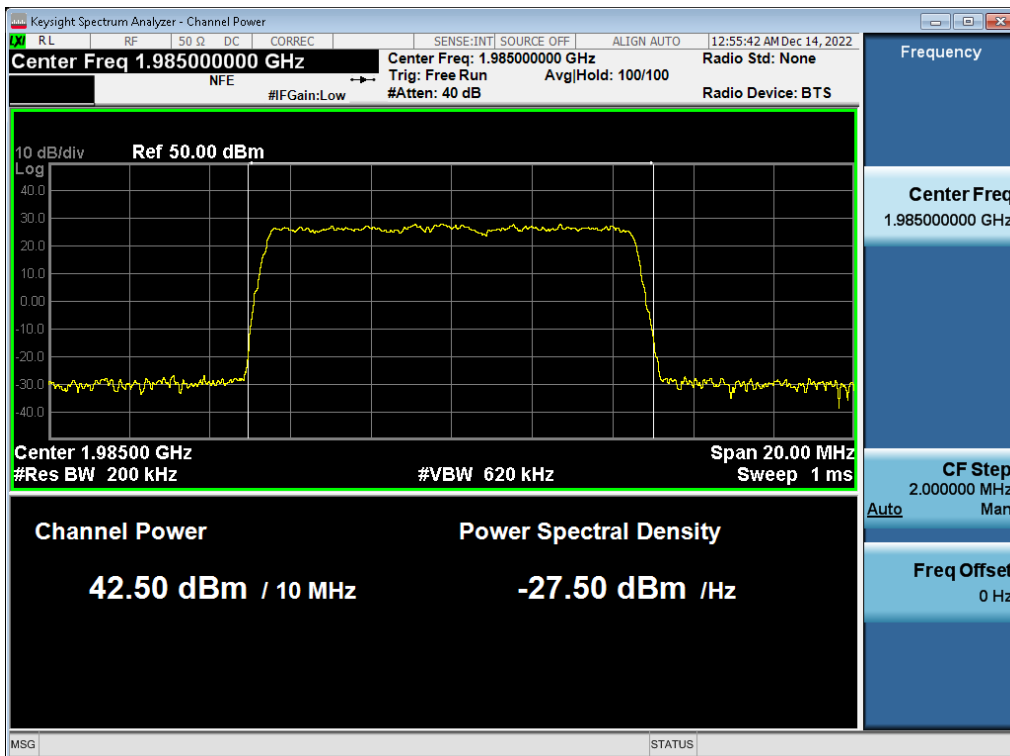




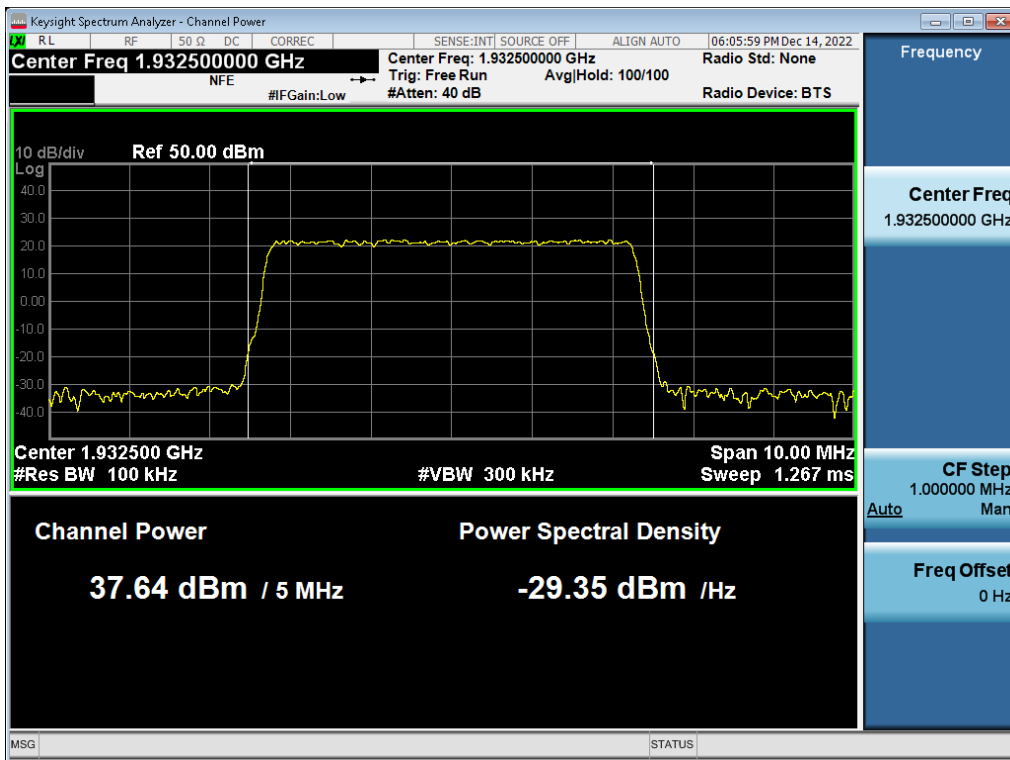
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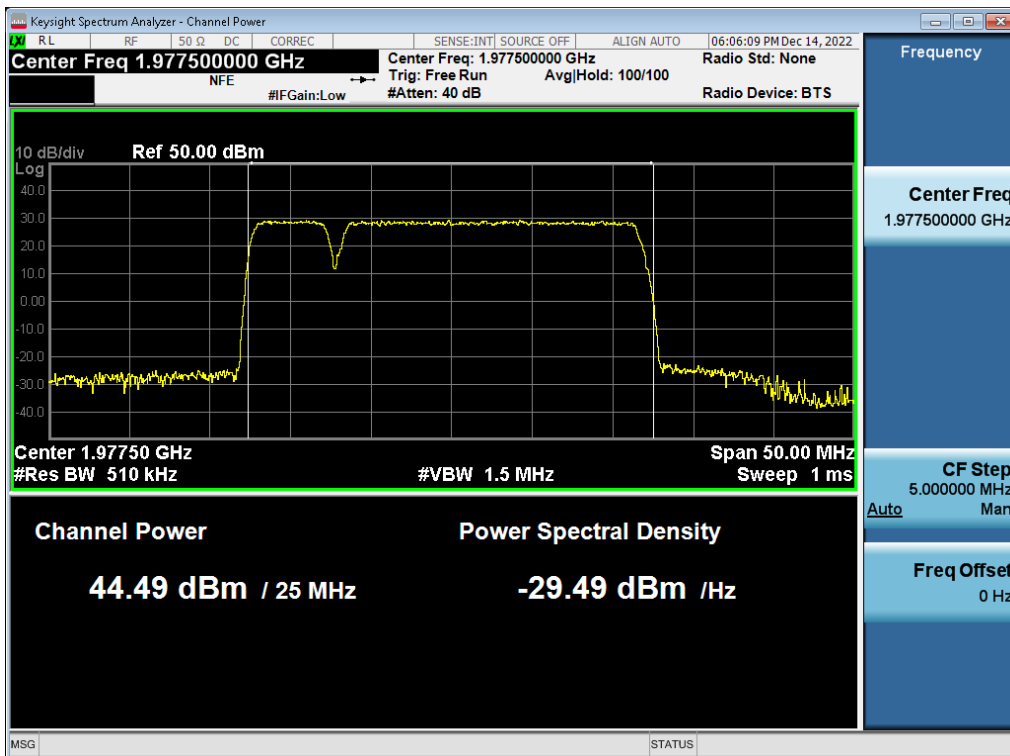
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 10 MHz 1 Carrier / 16QAM / High / Non-Contiguous



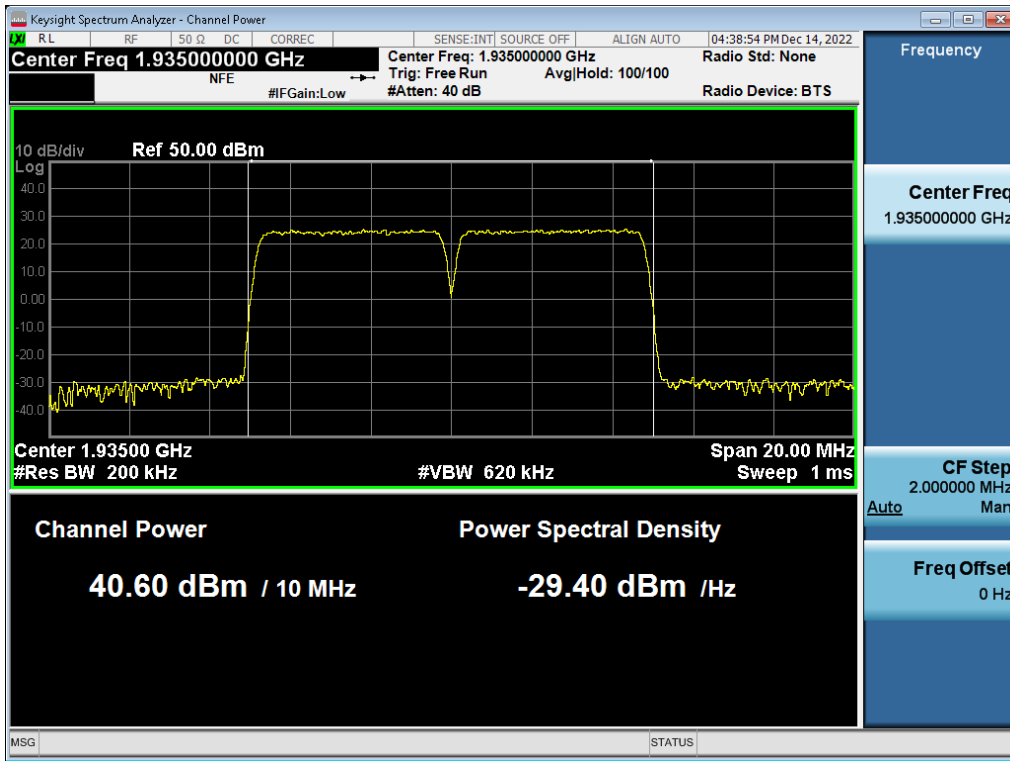
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / LTE B2 5 MHz 1 Carrier / 64QAM / Low / Non-Contiguous



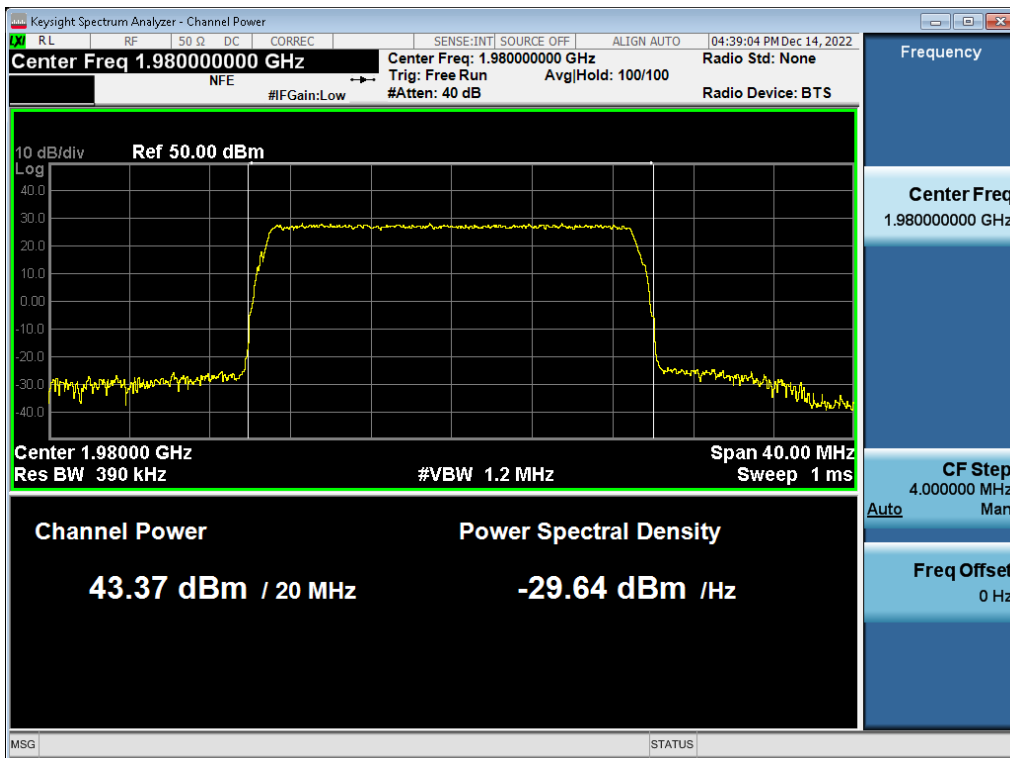
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier / 64QAM / High / Non-Contiguous



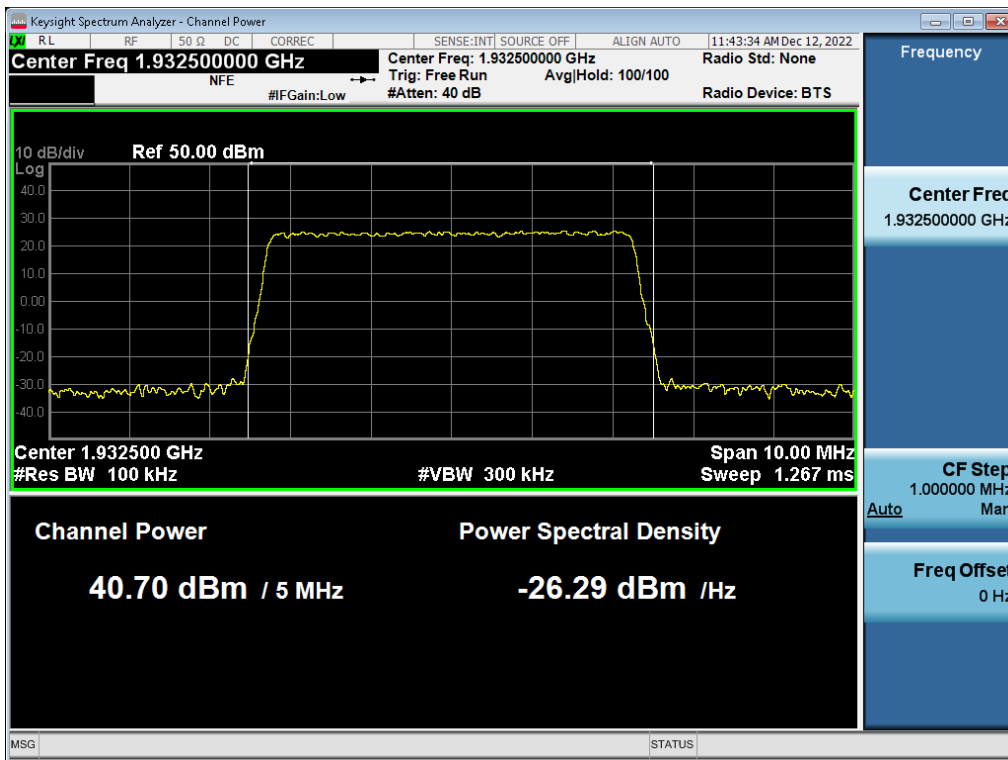
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



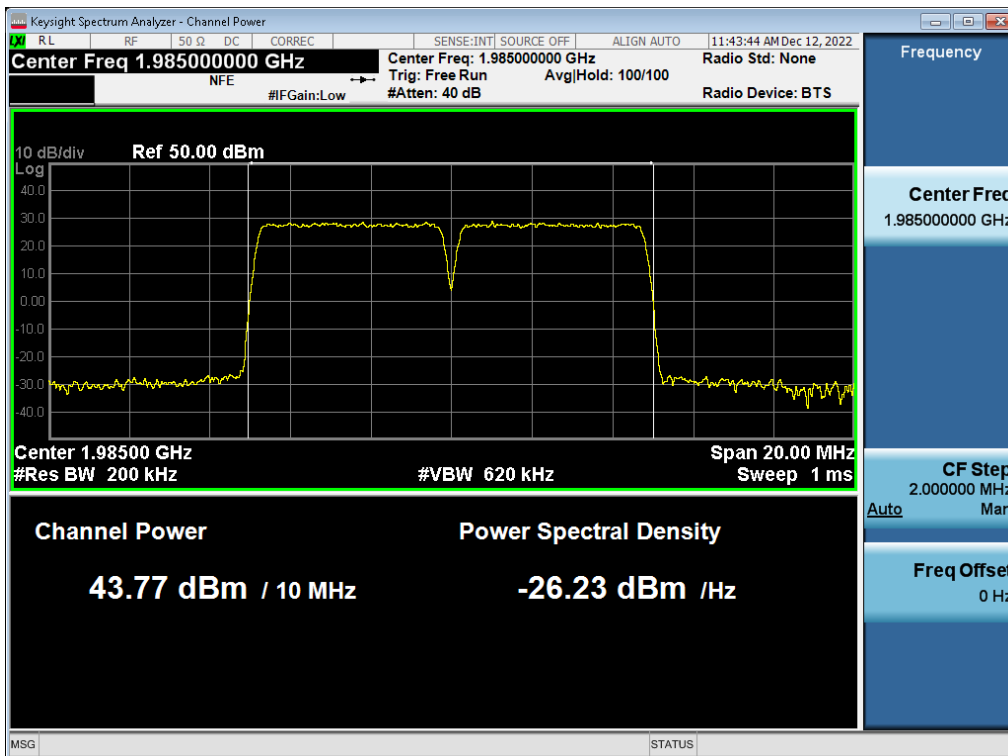
Antenna 2 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + DSS B2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / DSS B2 20 MHz 1 Carrier / 256QAM / High / Non-Contiguous



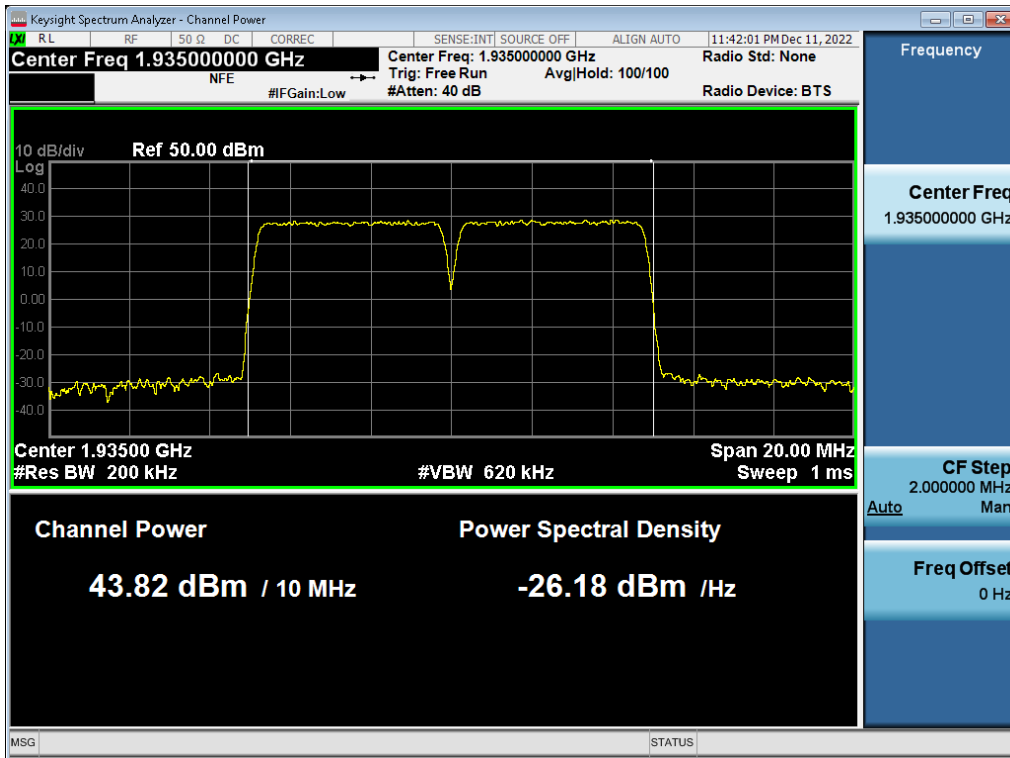
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [1C+2C]  
 / 5G NR n2 5 MHz 1 Carrier / 256QAM / Low / Non-Contiguous



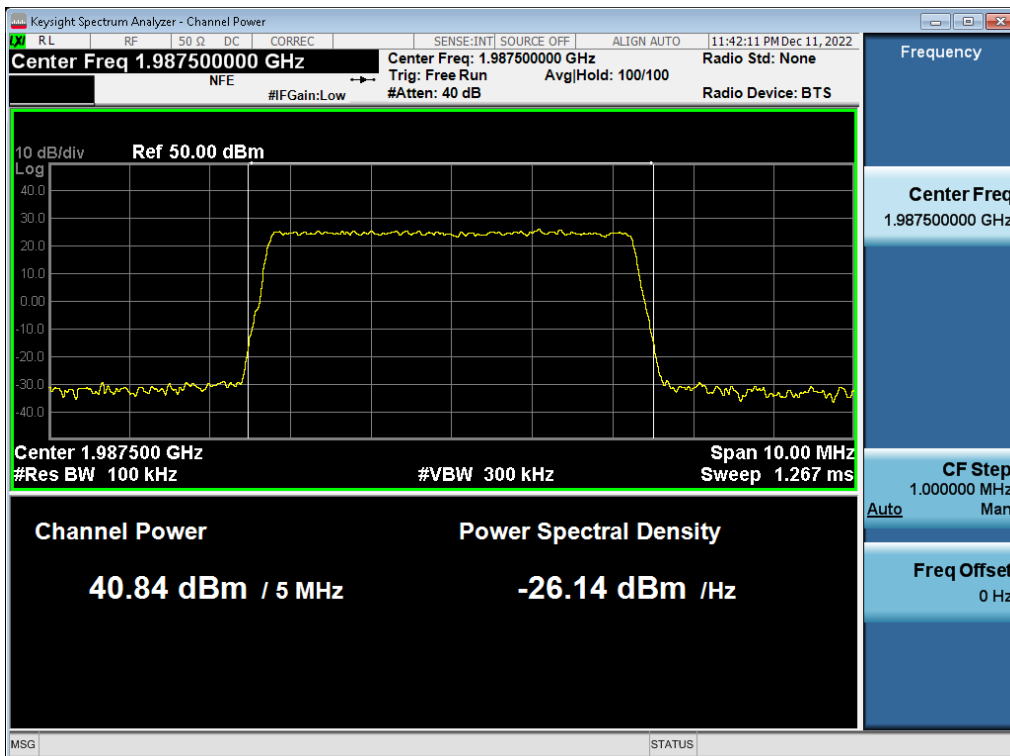
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [1C+2C]  
 / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 256QAM / High / Non-Contiguous



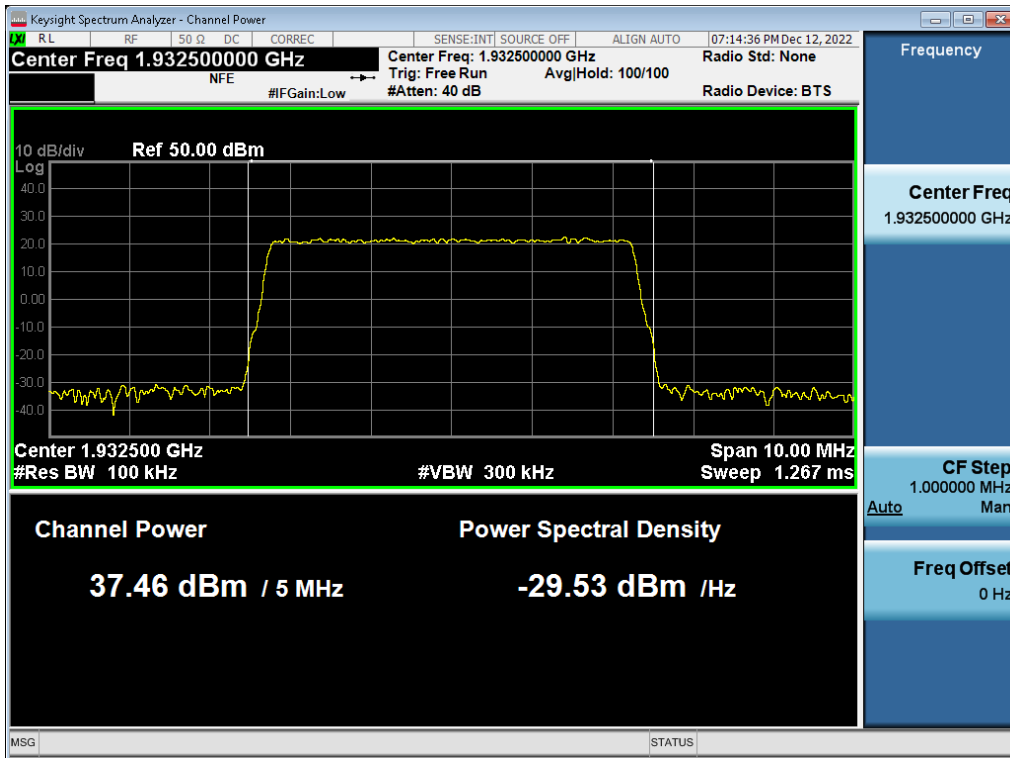
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [2C+1C]  
 / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / QPSK / Low / Non-Contiguous



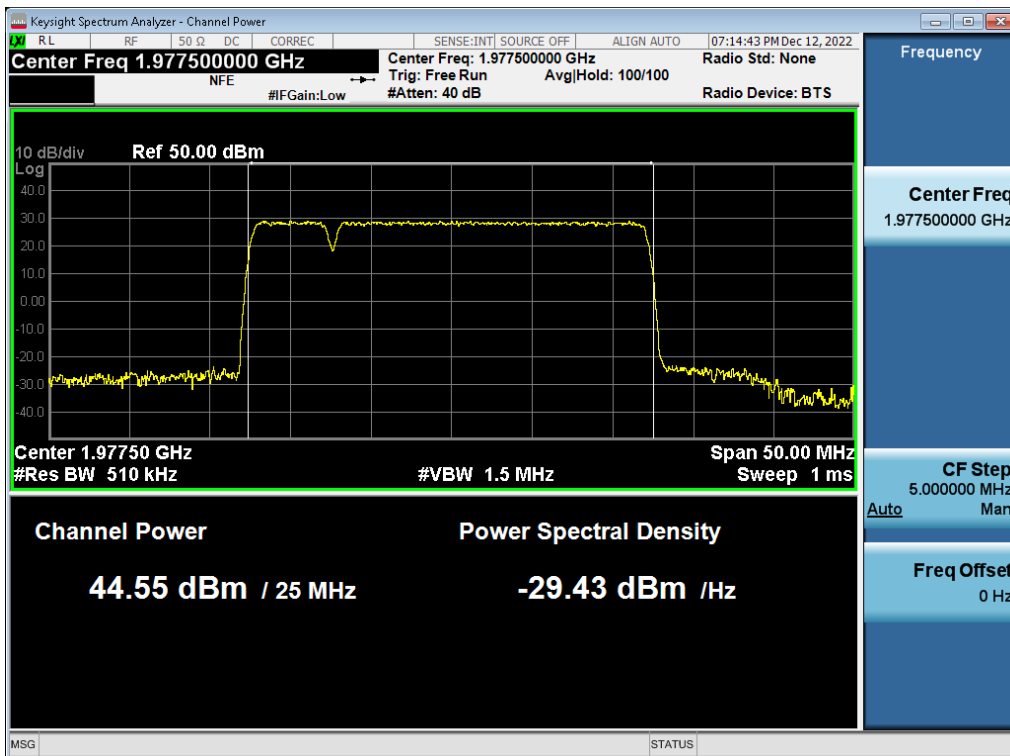
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] [2C+1C]  
 / 5G NR n2 5 MHz 1 Carrier / QPSK / High / Non-Contiguous



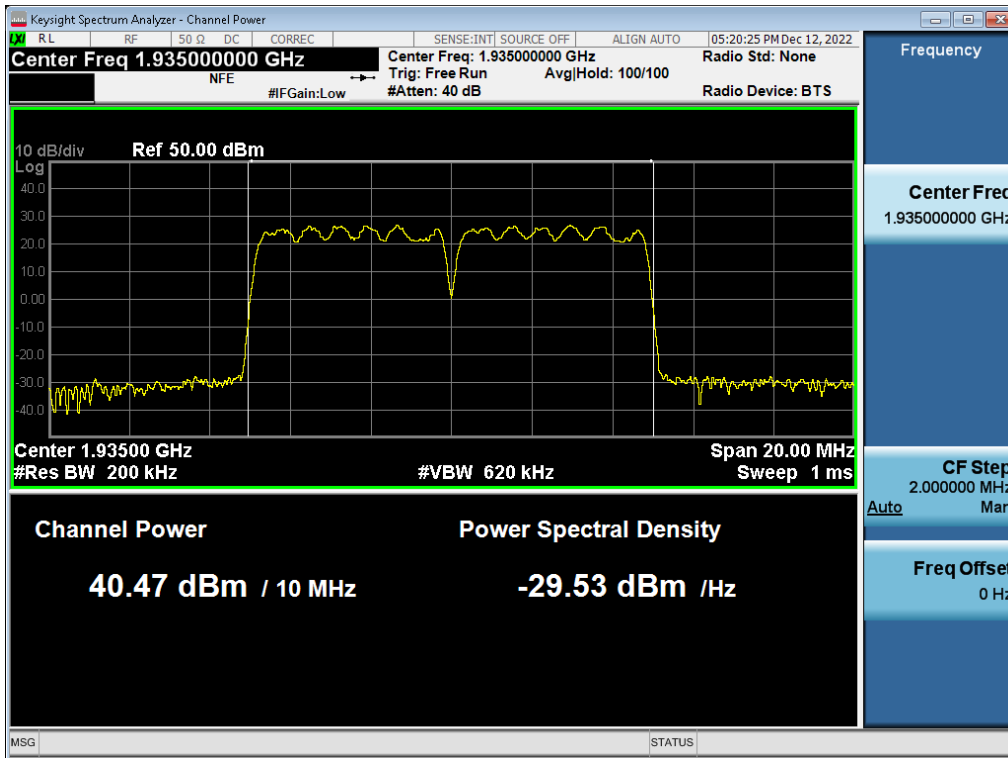
Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier / QPSK / Low / Non-Contiguous



Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [1C+2C] / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier / QPSK / High / Non-Contiguous



Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier / 16QAM / Low / Non-Contiguous



Antenna 2 / (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] [2C+1C] / 5G NR n2 20 MHz 1 Carrier / 16QAM / High / Non-Contiguous

