

TEST REPORT

FCC Test for RF4439d-25A
Class II Permissive Change

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2202-FC029-R1

DATE OF ISSUE
March 3, 2022

Tested by
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**TEST
REPORT**
FCC Test for
RF4439d-25A

REPORT NO.
HCT-RF-2202-FC029-R1

DATE OF ISSUE
March 03, 2022

Additional Model
-

Applicant	SAMSUNG Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
EUT Type	RRU(RF4439d)
Model Name	RF4439d-25A
FCC ID	A3LRF4439D-25A
Date of Test	November 25, 2021~ February 16, 2022
FCC Rule Parts:	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	February 18, 2022	Initial Release
1	March 03, 2022	We added Data in Section 5.6.

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

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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	S617703329			
Power Supply	-48 VDC			
Output Power	Band	Carrier	Bandwidth	Power
	(2 Port) B2 DSS	1	10 MHz	60 W/path, Total: 120 W
	(2 Port) B2 DSS	1	15 MHz	60 W/path, Total: 120 W
	(2 Port) B2 DSS	1	20 MHz	60 W/path, Total: 120 W
	(4 Port) B2 DSS	1	10 MHz	40 W/path, Total: 160 W
	(4 Port) B2 DSS	1	20 MHz	40 W/path, Total: 160 W
	(2 Port) 5G NR n2	1	5 MHz	40 W/path, Total: 80 W
	(2 Port) 5G NR n2	1	10 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n2	1	15 MHz	60 W/path, Total: 120 W
	(2 Port) 5G NR n2	1	20 MHz	60 W/path, Total: 120 W
	(4 Port) 5G NR n2	1	5 MHz	20 W/path, Total: 80 W
	(4 Port) 5G NR n2	1	10 MHz	40 W/path, Total: 160 W
	(4 Port) 5G NR n2	1	15 MHz	40 W/path, Total: 160 W
	(4 Port) 5G NR n2	1	20 MHz	40 W/path, Total: 160 W
	(2 Port) B66 DSS	1	10 MHz	80 W/path, Total: 160 W
	(2 Port) B66 DSS	1	15 MHz	80 W/path, Total: 160 W
	(2 Port) B66 DSS	1	20 MHz	80 W/path, Total: 160 W
	(4 Port) B66 DSS	1	10 MHz	40 W/path, Total: 160 W
	(4 Port) B66 DSS	1	15 MHz	60 W/path, Total: 240 W
	(4 Port) B66 DSS	1	20 MHz	60 W/path, Total: 240 W
	(2 Port) 5G NR n66	1	5 MHz	40 W/path, Total: 80 W
	(2 Port) 5G NR n66	1	10 MHz	80 W/path, Total: 160 W
	(2 Port) 5G NR n66	1	15 MHz	80 W/path, Total: 160 W
	(2 Port) 5G NR n66	1	20 MHz	80 W/path, Total: 160 W
	(4 Port) 5G NR n66	1	5 MHz	20 W/path, Total: 80 W
	(4 Port) 5G NR n66	1	10 MHz	40 W/path, Total: 160 W
	(4 Port) 5G NR n66	1	15 MHz	60 W/path, Total: 240 W
	(4 Port) 5G NR n66	1	20 MHz	60 W/path, Total: 240 W
	(2 Port) B2 DSS + LTE B2	2	10 MHz + 5 MHz	60 W/path, Total: 120 W
	(4 Port) B2 DSS + LTE B2	2	10 MHz + 5 MHz	40 W/path, Total: 160 W
	(2 Port) LTE B2 + 5G NR n2	2	5 MHz + 5 MHz	60 W/path, Total: 120 W
	(2 Port) LTE B2 + 5G NR n2	2	10 MHz + 20 MHz	60 W/path, Total: 120 W
(4 Port) LTE B2 + 5G NR n2	2	5 MHz + 5 MHz	40 W/path, Total: 160 W	
(4 Port) LTE B2 + 5G NR n2	2	10 MHz + 20 MHz	40 W/path, Total: 160 W	

(2 Port) B66 DSS + LTE B66	2	10 MHz + 5 MHz	80 W/path, Total: 160 W
(4 Port) B66 DSS + LTE B66	2	10 MHz + 5 MHz	60 W/path, Total: 240 W
(2 Port) LTE B66 + 5G NR n66	2	5 MHz + 5 MHz	80 W/path, Total: 160 W
(2 Port) LTE B66 + 5G NR n66	2	20 MHz + 20 MHz	80 W/path, Total: 160 W
(4 Port) LTE B66 + 5G NR n66	2	5 MHz + 10 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + 5G NR n66	2	20 MHz + 20 MHz	60 W/path, Total: 240 W
(2 Port) B2 DSS + LTE B2 + LTE B2	3	20 MHz + 5 MHz + 5 MHz	60 W/path, Total: 120 W
(4 Port) B2 DSS + LTE B2 + LTE B2	3	20 MHz + 5 MHz + 5 MHz	40 W/path, Total: 160 W
(2 Port) LTE B2 + LTE B2 + 5G NR n2	3	5 MHz + 5 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) LTE B2 + LTE B2 + 5G NR n2	3	5 MHz + 5 MHz + 20 MHz	60 W/path, Total: 120 W
(4 Port) LTE B2 + LTE B2 + 5G NR n2	3	5 MHz + 5 MHz + 5 MHz	40 W/path, Total: 160 W
(4 Port) LTE B2 + LTE B2 + 5G NR n2	3	5 MHz + 5 MHz + 20 MHz	40 W/path, Total: 160 W
(2 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66	4	20 MHz + 10 MHz + 5 MHz + 5 MHz	80 W/path, Total: 160 W
(4 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66	4	20 MHz + 10 MHz + 5 MHz + 5 MHz	60 W/path, Total: 240 W
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66	4	5 MHz + 5 MHz + 5 MHz + 5 MHz	80 W/path, Total: 160 W
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66	4	5 MHz + 5 MHz + 10 MHz + 20 MHz	80 W/path, Total: 160 W
(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66	4	5 MHz + 5 MHz + 5 MHz + 5 MHz	60 W/path, Total: 240 W
(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66	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)		

Emission Designator

Mode (LTE : NR Ratio)	Bandwidth	Emission Designator			
		QPSK (G7D)	Conducted (W)	16/64/256 QAM (W7D)	Conducted (W)
(2 Port) B2 DSS 2 : 8	10 MHz	9M34G7D	114.52	9M34W7D	115.40
(2 Port) B2 DSS 5 : 5	10 MHz	9M31G7D	114.65	9M31W7D	114.92
(2 Port) B2 DSS 9 : 1	10 MHz	9M26G7D	113.45	9M25W7D	114.97
(2 Port) B2 DSS 2 : 8	15 MHz	14M2G7D	111.41	14M2W7D	111.84
(2 Port) B2 DSS 5 : 5	15 MHz	14M1G7D	111.83	14M1W7D	111.52
(2 Port) B2 DSS 9 : 1	15 MHz	14M0G7D	112.73	14M1W7D	115.09
(2 Port) B2 DSS 2 : 8	20 MHz	19M0G7D	112.50	19M0W7D	113.19
(2 Port) B2 DSS 5 : 5	20 MHz	19M0G7D	113.60	19M0W7D	113.80
(2 Port) B2 DSS 9 : 1	20 MHz	18M7G7D	112.98	18M8W7D	113.34
(4 Port) B2 DSS 2 : 8	10 MHz	9M36G7D	145.74	9M35W7D	145.81
(4 Port) B2 DSS 5 : 5	10 MHz	9M33G7D	147.04	9M33W7D	148.78
(4 Port) B2 DSS 9 : 1	10 MHz	9M27G7D	148.41	9M30W7D	149.40
(4 Port) B2 DSS 2 : 8	20 MHz	19M0G7D	140.76	19M0W7D	140.62
(4 Port) B2 DSS 5 : 5	20 MHz	19M0G7D	144.17	19M0W7D	144.54
(4 Port) B2 DSS 9 : 1	20 MHz	18M8G7D	144.51	18M9W7D	147.91
(2 Port) 5G NR n2	5 MHz	4M50G7D	68.41	4M51W7D	68.57
(2 Port) 5G NR n2	10 MHz	9M34G7D	104.11	9M34W7D	104.37
(2 Port) 5G NR n2	15 MHz	14M2G7D	103.00	14M2W7D	103.35
(2 Port) 5G NR n2	20 MHz	19M0G7D	107.24	19M1W7D	106.56
(4 Port) 5G NR n2	5 MHz	4M51G7D	72.88	4M53W7D	72.17
(4 Port) 5G NR n2	10 MHz	9M34G7D	143.03	9M35W7D	144.04
(4 Port) 5G NR n2	15 MHz	14M2G7D	139.90	14M2W7D	144.90
(4 Port) 5G NR n2	20 MHz	19M0G7D	138.55	19M1W7D	140.47
(2 Port) B66 DSS 2 : 8	10 MHz	9M35G7D	160.05	9M33W7D	154.11
(2 Port) B66 DSS 5 : 5	10 MHz	9M32G7D	149.20	9M33W7D	150.95
(2 Port) B66 DSS 9 : 1	10 MHz	9M25G7D	148.45	9M27W7D	143.49
(2 Port) B66 DSS 2 : 8	15 MHz	14M2G7D	153.45	14M2W7D	153.98
(2 Port) B66 DSS 5 : 5	15 MHz	14M1G7D	153.21	14M1W7D	153.08
(2 Port) B66 DSS 9 : 1	15 MHz	14M1G7D	151.19	14M1W7D	151.69
(2 Port) B66 DSS 2 : 8	20 MHz	19M0G7D	155.44	19M0W7D	155.56
(2 Port) B66 DSS 5 : 5	20 MHz	19M0G7D	155.14	19M0W7D	155.04
(2 Port) B66 DSS 9 : 1	20 MHz	18M8G7D	155.15	18M9W7D	153.88
(4 Port) B66 DSS 2 : 8	10 MHz	9M36G7D	156.09	9M35W7D	152.77
(4 Port) B66 DSS 5 : 5	10 MHz	9M32G7D	157.62	9M31W7D	153.45
(4 Port) B66 DSS 9 : 1	10 MHz	9M25G7D	159.50	9M32W7D	157.56
(4 Port) B66 DSS 2 : 8	15 MHz	14M2G7D	237.34	14M2W7D	238.17
(4 Port) B66 DSS 5 : 5	15 MHz	14M1G7D	237.81	14M2W7D	239.12
(4 Port) B66 DSS 9 : 1	15 MHz	14M0G7D	239.00	14M1W7D	240.31
(4 Port) B66 DSS 2 : 8	20 MHz	19M0G7D	223.00	19M0W7D	223.40
(4 Port) B66 DSS 5 : 5	20 MHz	19M0G7D	219.33	19M0W7D	222.65
(4 Port) B66 DSS 9 : 1	20 MHz	18M9G7D	221.34	18M9W7D	223.51
(2 Port) LTE B66	5 MHz	4M50G7D	37.84	4M49W7D	36.32
(2 Port) LTE B66	10 MHz	9M00G7D	74.68	9M02W7D	74.39
(2 Port) LTE B66	15 MHz	13M5G7D	74.51	13M5W7D	74.75
(2 Port) LTE B66	20 MHz	17M9G7D	73.37	18M0W7D	73.81
(4 Port) LTE B66	5 MHz	4M51G7D	18.46	4M46W7D	18.99
(4 Port) LTE B66	10 MHz	8M99G7D	43.27	9M05W7D	43.23
(4 Port) LTE B66	15 MHz	13M5G7D	63.76	13M5W7D	62.90

(4 Port) LTE B66	20 MHz	18M0G7D	55.44	18M0W7D	56.17
(2 Port) 5G NR n66	5 MHz	4M49G7D	70.19	4M51W7D	70.79
(2 Port) 5G NR n66	10 MHz	9M35G7D	147.84	9M34W7D	145.21
(2 Port) 5G NR n66	15 MHz	14M2G7D	140.99	14M2W7D	144.96
(2 Port) 5G NR n66	20 MHz	19M0G7D	142.97	19M1W7D	144.75
(4 Port) 5G NR n66	5 MHz	4M49G7D	73.55	4M51W7D	79.56
(4 Port) 5G NR n66	10 MHz	9M33G7D	159.56	9M35W7D	163.37
(4 Port) 5G NR n66	15 MHz	14M2G7D	252.03	14M2W7D	251.78
(4 Port) 5G NR n66	20 MHz	19M0G7D	223.96	19M1W7D	224.00
(2 Port) B2 DSS + LTE B2 (Contiguous)	10 MHz + 5 MHz	14M3G7D	107.07	14M3W7D	107.69
(4 Port) B2 DSS + LTE B2 (Contiguous)	10 MHz + 5 MHz	14M3G7D	148.17	14M3W7D	148.32
(2 Port) LTE B2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz	9M49G7D	103.30	9M53W7D	104.15
(2 Port) LTE B2 + 5G NR n2 (Contiguous)	10 MHz + 20 MHz	29M0G7D	100.92	29M0W7D	101.19
(4 Port) LTE B2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz	9M48G7D	137.98	9M52W7D	140.02
(4 Port) LTE B2 + 5G NR n2 (Contiguous)	10 MHz + 20 MHz	28M9G7D	134.67	29M0W7D	136.93
(2 Port) B66 DSS + LTE B66 (Contiguous)	10 MHz + 5 MHz	14M3G7D	155.86	14M4W7D	156.60
(4 Port) B66 DSS + LTE B66 (Contiguous)	10 MHz + 5 MHz	14M3G7D	238.02	14M4W7D	240.43
(2 Port) LTE B66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz	9M50G7D	139.99	9M50W7D	141.70
(2 Port) LTE B66 + 5G NR n66 (Contiguous)	20 MHz + 20 MHz	38M4G7D	140.70	38M5W7D	145.48
(4 Port) LTE B66 + 5G NR n66 (Contiguous)	5 MHz + 10 MHz	14M4G7D	221.06	14M4W7D	223.20
(4 Port) LTE B66 + 5G NR n66 (Contiguous)	20 MHz + 20 MHz	38M4G7D	209.97	38M6W7D	210.39
(2 Port) B2 DSS + LTE B2 + LTE B2 (Contiguous)	20 MHz + 5 MHz + 5 MHz	29M1G7D	105.32	29M1W7D	104.89
(4 Port) B2 DSS + LTE B2 + LTE B2 (Contiguous)	20 MHz + 5 MHz + 5 MHz	29M1G7D	145.01	29M2W7D	146.36
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 5 MHz	14M5G7D	105.66	14M5W7D	106.22
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M2G7D	102.95	29M3W7D	103.58
(4 Port) LTE B2 + LTE B2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 5 MHz	14M5G7D	138.65	14M5W7D	139.66
(4 Port) LTE B2 + LTE B2 + 5G NR n2 (Contiguous)	5 MHz + 5 MHz + 20 MHz	29M2G7D	136.61	29M3W7D	139.25
(2 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66	20 MHz + 10 MHz + 5 MHz + 5 MHz	39M0G7D	154.53	39M0W7D	155.08

(Contiguous)						
(4 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66 (Contiguous)	20 MHz + 10 MHz + 5 MHz + 5 MHz	38M9G7D	211.79	39M1W7D	214.24	
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M4G7D	144.13	19M5W7D	143.49	
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M1G7D	143.41	39M2W7D	142.38	
(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M5G7D	223.71	19M5W7D	226.50	
(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	39M2G7D	203.53	39M2W7D	207.73	
(2 Port) B2 DSS + LTE B2 (Non-Contiguous)	10 MHz + 5 MHz	13M7G7D	103.71	13M8W7D	104.55	
(4 Port) B2 DSS + LTE B2 (Non-Contiguous)	10 MHz + 5 MHz	13M8G7D	141.76	13M8W7D	101.97	
(2 Port) LTE B2 + 5G NR n2 (Non-Contiguous)	5 MHz + 5 MHz	8M99G7D	103.58	9M01W7D	103.64	
(2 Port) LTE B2 + 5G NR n2 (Non-Contiguous)	10 MHz + 20 MHz	28M0G7D	99.57	28M1W7D	100.91	
(4 Port) LTE B2 + 5G NR n2 (Non-Contiguous)	5 MHz + 5 MHz	9M00G7D	138.28	9M02W7D	138.92	
(4 Port) LTE B2 + 5G NR n2 (Non-Contiguous)	10 MHz + 20 MHz	28M0G7D	132.88	28M1W7D	132.96	
(2 Port) B66 DSS + LTE B66 (Non-Contiguous)	10 MHz + 5 MHz	13M7G7D	155.19	13M8W7D	155.75	
(4 Port) B66 DSS + LTE B66 (Non-Contiguous)	10 MHz + 5 MHz	13M7G7D	240.48	13M7W7D	244.40	
(2 Port) LTE B66 + 5G NR n66 (Non-Contiguous)	5 MHz + 5 MHz	8M99G7D	139.75	9M00W7D	144.07	
(2 Port) LTE B66 + 5G NR n66 (Non-Contiguous)	10 MHz + 20 MHz	37M0G7D	143.81	37M0W7D	142.91	
(4 Port) LTE B66 + 5G NR n66 (Non-Contiguous)	5 MHz + 10 MHz	13M8G7D	208.82	13M9W7D	213.27	
(4 Port) LTE B66 + 5G NR n66 (Non-Contiguous)	10 MHz + 20 MHz	36M9G7D	210.29	37M1W7D	211.13	
(2 Port) B2 DSS + LTE B2 + LTE B2 (1C+2C) (Non-Contiguous)	20 MHz + 5 MHz + 5 MHz	28M2G7D	113.71	28M3W7D	115.59	
(2 Port) B2 DSS + LTE B2 + LTE B2 (2C+1C) (Non-Contiguous)	20 MHz + 5 MHz + 5 MHz	28M2G7D	98.99	28M3W7D	99.60	
(4 Port) B2 DSS + LTE B2 + LTE B2 (1C+2C) (Non-Contiguous)	20 MHz + 5 MHz + 5 MHz	28M3G7D	151.17	28M3W7D	153.75	
(4 Port) B2 DSS + LTE B2 + LTE B2 (2C+1C) (Non-Contiguous)	20 MHz + 5 MHz + 5 MHz	28M3G7D	135.71	28M3W7D	134.71	

(2 Port) LTE B2 + LTE B2 + 5G NR n2 (1C+2C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	100.64	14M0W7D	101.93
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (2C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	101.25	14M0W7D	103.14
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (1C+2C) (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M7G7D	98.64	28M7W7D	98.56
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (2C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M7G7D	102.21	28M8W7D	102.66
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (1C+2C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	138.33	14M0W7D	138.35
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (2C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz	14M0G7D	136.00	14M0W7D	138.33
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (1C+2C) (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M7G7D	130.99	28M7W7D	132.59
(2 Port) LTE B2 + LTE B2 + 5G NR n2 (2C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 20 MHz	28M7G7D	139.04	28M8W7D	139.89
(2 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66 (1C+3C) (Non-Contiguous)	20 MHz + 10 MHz + 5 MHz + 5 MHz	38M5G7D	137.00	38M5W7D	137.32
(2 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66 (3C+1C) (Non-Contiguous)	20 MHz + 10 MHz + 5 MHz + 5 MHz	38M5G7D	128.46	38M5W7D	135.47
(4 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66 (1C+3C) (Non-Contiguous)	20 MHz + 10 MHz + 5 MHz + 5 MHz	38M5G7D	212.18	38M5W7D	212.39
(4 Port) B66 DSS + LTE B66 + LTE B66 + LTE B66 (3C+1C) (Non-Contiguous)	20 MHz + 10 MHz + 5 MHz + 5 MHz	38M5G7D	214.36	38M5W7D	214.85
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (1C+3C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M0G7D	140.32	19M0W7D	142.05
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (3C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	18M9G7D	138.95	19M0W7D	140.29
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (1C+3C) (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M6G7D	140.46	38M6W7D	141.51
(2 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (3C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M6G7D	144.30	38M6W7D	141.95
(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (1C+3C) (Non-Contiguous)	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M0G7D	222.49	19M0W7D	221.95
(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66	5 MHz + 5 MHz + 5 MHz + 5 MHz	19M0G7D	225.63	19M0W7D	223.46

	(3C+1C) (Non-Contiguous)					
	(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (1C+3C) (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M7G7D	203.62	38M7W7D	205.48
	(4 Port) LTE B66 + LTE B66 + LTE B66 + 5G NR n66 (3C+1C) (Non-Contiguous)	5 MHz + 5 MHz + 10 MHz + 20 MHz	38M6G7D	202.70	38M7W7D	206.98
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 (16QAM, 64QAM, 256QAM) and NR modulation types (16QAM, 64QAM, 256QAM) have been tested.
- This device supports Dynamic Spectrum Sharing (DSS) on 10M, 15M and 20MHz channel bandwidth with LTE:5G NR ratios of between 9:1 and 2:8. Preliminary testing across various different ratios indicated that the ratio had no significant affect on the mieections from the device. This report includes the data for LTE:5G NR Ratio of 9:1, 5:5 and 2:8 including worst case ratio to be representative of all possible LTE:5G NR ratios.
- 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 perfored 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 ratios are 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	30.558	4 000	34.592
600	30.736	5 000	35.408
700	30.926	6 000	36.191
800	30.973	7 000	36.889
900	31.142	8 000	37.483
1 000	31.265	9 000	38.142
1 100	31.406	10 000	39.360
1 200	31.531	11 000	40.856
1 300	31.631	12 000	41.937
1 400	31.733	13 000	42.239
1 500	31.680	14 000	42.190
1 600	31.756	15 000	42.275
1 700	31.800	16 000	43.382
1 800	31.932	17 000	43.092
1 900	32.348	18 000	44.608
2 000	32.441	19 000	43.952
2 100	32.047	20 000	44.474
2 200	32.078	21 000	44.541
2 300	32.225	22 000	45.580
2 400	32.209	23 000	45.215
2 500	32.227	24 000	44.752
2 600	32.354	25 000	44.891
2 700	32.403	26 000	50.198
2 800	33.075	-	-
2 900	33.177	-	-
3 000	33.369	-	-

ANT1

Correction factor table

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	30.502	4 000	34.328
600	30.669	5 000	35.797
700	30.865	6 000	35.590
800	30.939	7 000	36.496
900	31.109	8 000	37.124
1 000	31.234	9 000	37.746
1 100	31.366	10 000	38.904
1 200	31.486	11 000	40.350
1 300	31.578	12 000	41.333
1 400	31.684	13 000	42.239
1 500	32.266	14 000	42.190
1 600	32.196	15 000	42.275
1 700	32.201	16 000	43.382
1 800	32.393	17 000	43.092
1 900	32.422	18 000	44.608
2 000	32.452	19 000	43.952
2 100	32.308	20 000	44.474
2 200	32.611	21 000	44.541
2 300	32.601	22 000	45.580
2 400	32.528	23 000	45.215
2 500	32.680	24 000	44.752
2 600	32.746	25 000	44.891
2 700	32.660	26 000	50.198
2 800	33.368	-	-
2 900	33.383	-	-
3 000	33.408	-	-

ANT2**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	30.477	4 000	34.008
600	30.630	5 000	35.748
700	30.833	6 000	35.522
800	30.899	7 000	36.437
900	31.063	8 000	36.968
1 000	31.196	9 000	37.513
1 100	31.327	10 000	38.732
1 200	31.446	11 000	40.116
1 300	31.555	12 000	41.244
1 400	31.629	13 000	42.239
1 500	32.016	14 000	42.190
1 600	32.117	15 000	42.275
1 700	32.055	16 000	43.382
1 800	32.156	17 000	43.092
1 900	32.268	18 000	44.608
2 000	32.325	19 000	43.952
2 100	32.261	20 000	44.474
2 200	32.316	21 000	44.541
2 300	32.446	22 000	45.580
2 400	32.462	23 000	45.215
2 500	32.495	24 000	44.752
2 600	32.727	25 000	44.891
2 700	32.601	26 000	50.198
2 800	33.271	-	-
2 900	33.343	-	-
3 000	33.312	-	-

ANT3**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	30.305	4 000	33.779
600	30.462	5 000	35.388
700	30.656	6 000	35.307
800	30.722	7 000	36.088
900	30.878	8 000	36.707
1 000	30.995	9 000	37.420
1 100	31.130	10 000	38.454
1 200	31.256	11 000	39.680
1 300	31.365	12 000	40.938
1 400	31.457	13 000	42.239
1 500	31.515	14 000	42.190
1 600	31.687	15 000	42.275
1 700	31.736	16 000	43.382
1 800	31.890	17 000	43.092
1 900	32.023	18 000	44.608
2 000	32.121	19 000	43.952
2 100	32.150	20 000	44.474
2 200	32.233	21 000	44.541
2 300	32.378	22 000	45.580
2 400	32.408	23 000	45.215
2 500	32.439	24 000	44.752
2 600	32.572	25 000	44.891
2 700	32.632	26 000	50.198
2 800	32.694	-	-
2 900	32.794	-	-
3 000	32.972	-	-

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

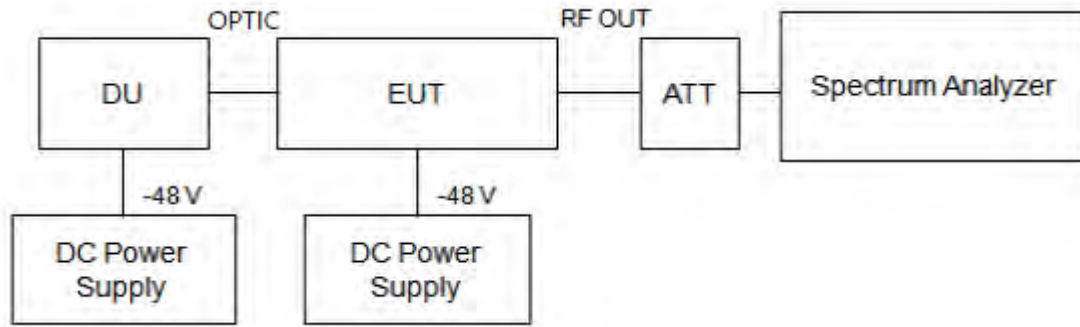
Coverage factor $k=2$, Confidence levels of 95 %

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

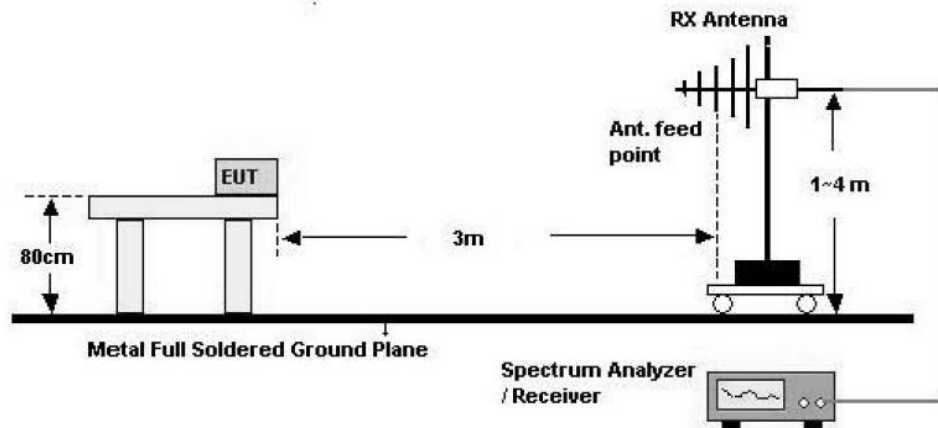
3.5. TEST DIAGRAMS

Conducted Test

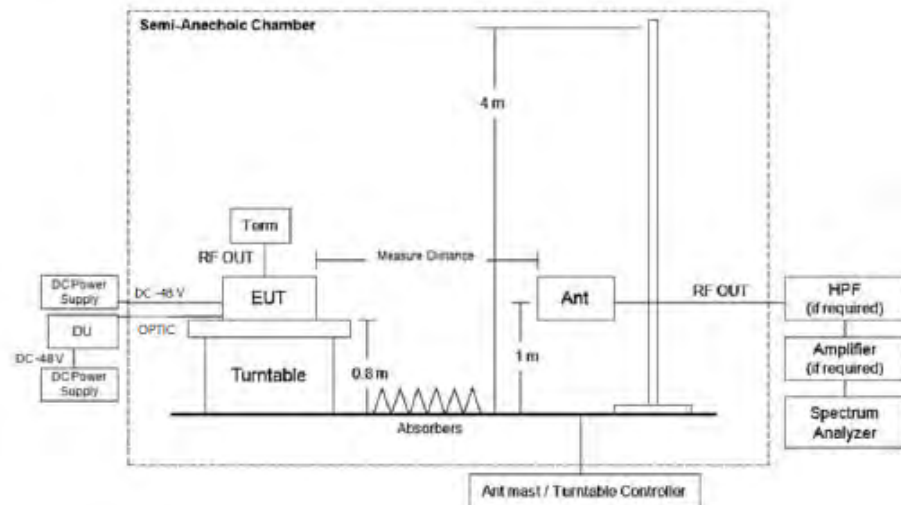


Radiated Test

30 MHz ~ 1 GHz

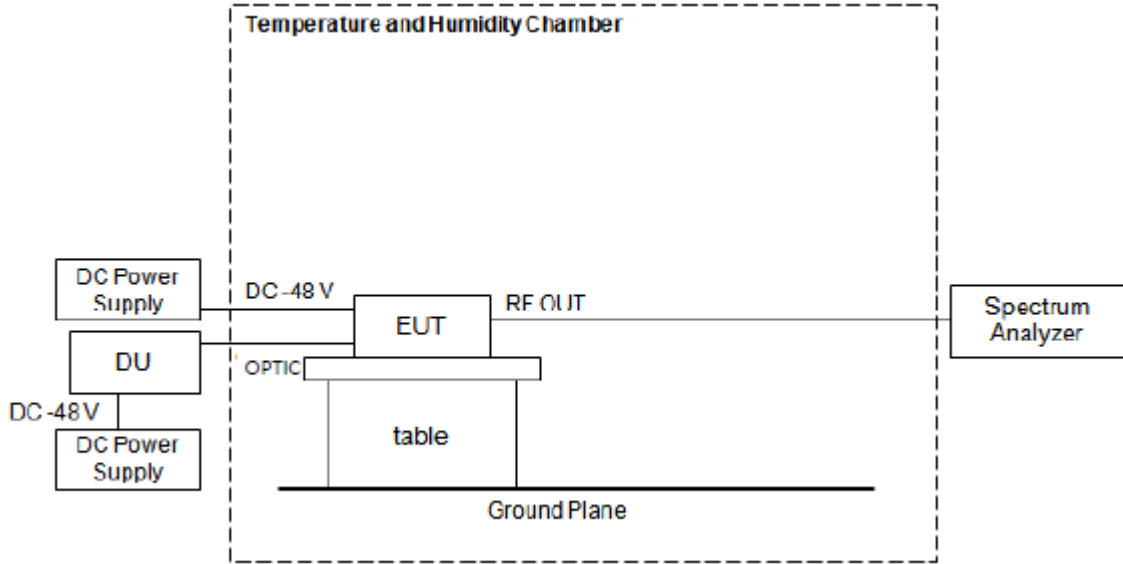


Above 1 GHz



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

Frequency Stability



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

4. TEST EQUIPMENTS

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
MXA Signal Analyzer	N9020A	Agilent	MY46471250	2022-08-11	Annual
PXA Signal Analyzer	N9030A	Keysight	US51350313	2022-03-30	Annual
30 dB Attenuator	WA93-30-33	Weinschel Associates	0137	2022-03-30	Annual
30 dB Attenuator	WA93-30-33	Weinschel Associates	0190	2022-03-30	Annual
30 dB Attenuator	WA93-30-33	Weinschel Associates	0155	2022-04-01	Annual
30 dB Attenuator	WA93-30-33	Weinschel Associates	0149	2022-04-01	Annual
DC Power Supply	6674A	Hewlett Packard	3637A01843	2022-06-30	Annual
DC Power Supply	PWR1600L	KIKUSUI	RL002213	2022-09-29	Annual
Temperature and Humidity Chamber	SU-642	ESPEC	93008124	2022-03-15	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	2022-03-19	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	01039	2022-08-02	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	02296	2022-06-28	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170342	2022-10-13	Biennial
Spectrum Analyzer	FSP40	Rohde & Schwarz	100843	2022-05-27	Annual
HPF(3 ~ 18 GHz) + LNA(0.1 ~ 18 GHz)	FBSR-04C	TNM system	N/A	2022-09-16	Annual
Low Noise Amplifier	LLAU1183540Q	LTC Microwave	100	2022-09-16	Annual
High Pass Filter	WHKX12-2805-3000-18000-40SS	Wainwright Instruments	45	2022-05-18	Annual
Power Amplifier	CBL18265035	CERNEX	22966	2022-12-02	Annual
Power Amplifier	CBL26405040	CERNEX	25956	2022-03-23	Annual

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 are attached only the worst case plot.

Test Results:
Tabular Data of RF output power
(2 Port) B2 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	47.58	57.24
		Middle	1 960.00	47.43	55.39
		High	1 985.00	47.49	56.14
	16QAM	Low	1 935.00	47.57	57.10
		Middle	1 960.00	47.51	56.35
		High	1 985.00	47.54	56.72
	64QAM	Low	1 935.00	47.60	57.56
		Middle	1 960.00	47.26	53.22
		High	1 985.00	47.49	56.13
	256QAM	Low	1 935.00	47.68	58.64
		Middle	1 960.00	47.62	57.81
		High	1 985.00	47.50	56.17
1	QPSK	Low	1 935.00	47.58	57.28
		Middle	1 960.00	47.48	55.94
		High	1 985.00	47.33	54.09
	16QAM	Low	1 935.00	47.54	56.77
		Middle	1 960.00	47.47	55.83
		High	1 985.00	47.28	53.41
	64QAM	Low	1 935.00	47.53	56.57
		Middle	1 960.00	47.57	57.20
		High	1 985.00	47.39	54.76
	256QAM	Low	1 935.00	47.54	56.75
		Middle	1 960.00	47.47	55.89
		High	1 985.00	47.32	53.95

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00	114.52	113.86	114.13	115.40
1 960.00	111.33	112.19	110.43	113.70
1 985.00	110.23	110.12	110.90	110.12

(2 Port) B2 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	47.60	57.52
		Middle	1 960.00	47.46	55.76
		High	1 985.00	47.47	55.87
	16QAM	Low	1 935.00	47.61	57.70
		Middle	1 960.00	47.48	55.95
		High	1 985.00	47.41	55.02
	64QAM	Low	1 935.00	47.54	56.81
		Middle	1 960.00	47.57	57.12
		High	1 985.00	47.51	56.34
	256QAM	Low	1 935.00	47.53	56.66
		Middle	1 960.00	47.51	56.40
		High	1 985.00	47.51	56.39
1	QPSK	Low	1 935.00	47.57	57.13
		Middle	1 960.00	47.44	55.45
		High	1 985.00	47.37	54.58
	16QAM	Low	1 935.00	47.57	57.21
		Middle	1 960.00	47.41	55.08
		High	1 985.00	47.32	53.94
	64QAM	Low	1 935.00	47.54	56.79
		Middle	1 960.00	47.46	55.68
		High	1 985.00	47.39	54.78
	256QAM	Low	1 935.00	47.55	56.91
		Middle	1 960.00	47.46	55.67
		High	1 985.00	47.41	55.03

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00	114.65	114.92	113.60	113.58
1 960.00	111.21	111.03	112.80	112.07
1 985.00	110.45	108.96	111.12	111.42

(2 Port) B2 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	47.54	56.81
		Middle	1 960.00	47.51	56.31
		High	1 985.00	47.50	56.21
	16QAM	Low	1 935.00	47.60	57.60
		Middle	1 960.00	47.56	57.04
		High	1 985.00	47.56	57.07
	64QAM	Low	1 935.00	47.55	56.85
		Middle	1 960.00	47.56	57.03
		High	1 985.00	47.49	56.08
	256QAM	Low	1 935.00	47.59	57.44
		Middle	1 960.00	47.53	56.61
		High	1 985.00	47.53	56.58
1	QPSK	Low	1 935.00	47.53	56.64
		Middle	1 960.00	47.49	56.14
		High	1 985.00	47.46	55.78
	16QAM	Low	1 935.00	47.59	57.37
		Middle	1 960.00	47.50	56.27
		High	1 985.00	47.40	55.02
	64QAM	Low	1 935.00	47.59	57.44
		Middle	1 960.00	47.49	56.16
		High	1 985.00	47.32	53.91
	256QAM	Low	1 935.00	47.56	57.07
		Middle	1 960.00	47.54	56.75
		High	1 985.00	47.41	55.11

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00	113.45	114.97	114.29	114.51
1 960.00	112.46	113.32	113.19	113.37
1 985.00	111.99	112.09	109.99	111.69

(2 Port) B2 DSS 15 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	47.47	55.80
		Middle	1 960.00	47.46	55.71
		High	1 982.50	47.42	55.26
	16QAM	Low	1 937.50	47.42	55.23
		Middle	1 960.00	47.46	55.71
		High	1 982.50	47.42	55.26
	64QAM	Low	1 937.50	47.40	54.95
		Middle	1 960.00	47.49	56.14
		High	1 982.50	47.47	55.80
	256QAM	Low	1 937.50	47.44	55.51
		Middle	1 960.00	47.45	55.55
		High	1 982.50	47.44	55.51
1	QPSK	Low	1 937.50	47.45	55.62
		Middle	1 960.00	47.43	55.34
		High	1 982.50	47.33	54.03
	16QAM	Low	1 937.50	47.45	55.63
		Middle	1 960.00	47.41	55.09
		High	1 982.50	47.31	53.85
	64QAM	Low	1 937.50	47.44	55.49
		Middle	1 960.00	47.45	55.59
		High	1 982.50	47.37	54.55
	256QAM	Low	1 937.50	47.51	56.32
		Middle	1 960.00	47.43	55.30
		High	1 982.50	47.31	53.88

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	111.41	110.86	110.44	111.84
1 960.00	111.04	110.80	111.74	110.85
1 982.50	109.29	109.11	110.35	109.39

(2 Port) B2 DSS 15 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	47.46	55.69
		Middle	1 960.00	47.45	55.58
		High	1 982.50	47.46	55.73
	16QAM	Low	1 937.50	47.47	55.80
		Middle	1 960.00	47.39	54.80
		High	1 982.50	47.47	55.82
	64QAM	Low	1 937.50	47.45	55.54
		Middle	1 960.00	47.43	55.34
		High	1 982.50	47.38	54.74
	256QAM	Low	1 937.50	47.39	54.85
		Middle	1 960.00	47.44	55.40
		High	1 982.50	47.45	55.58
1	QPSK	Low	1 937.50	47.49	56.13
		Middle	1 960.00	47.43	55.36
		High	1 982.50	47.22	52.70
	16QAM	Low	1 937.50	47.46	55.72
		Middle	1 960.00	47.45	55.63
		High	1 982.50	47.35	54.31
	64QAM	Low	1 937.50	47.46	55.73
		Middle	1 960.00	47.40	54.98
		High	1 982.50	47.31	53.78
	256QAM	Low	1 937.50	47.49	56.16
		Middle	1 960.00	47.44	55.51
		High	1 982.50	47.24	52.94

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	111.83	111.52	111.27	111.01
1 960.00	110.94	110.43	110.32	110.91
1 982.50	108.43	110.14	108.52	108.52

(2 Port) B2 DSS 15 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	47.52	56.52
		Middle	1 960.00	47.50	56.20
		High	1 982.50	47.48	56.03
	16QAM	Low	1 937.50	47.62	57.88
		Middle	1 960.00	47.43	55.40
		High	1 982.50	47.44	55.41
	64QAM	Low	1 937.50	47.56	57.00
		Middle	1 960.00	47.43	55.40
		High	1 982.50	47.46	55.78
	256QAM	Low	1 937.50	47.52	56.49
		Middle	1 960.00	47.44	55.50
		High	1 982.50	47.44	55.48
1	QPSK	Low	1 937.50	47.50	56.21
		Middle	1 960.00	47.47	55.86
		High	1 982.50	47.30	53.73
	16QAM	Low	1 937.50	47.57	57.21
		Middle	1 960.00	47.47	55.87
		High	1 982.50	47.39	54.88
	64QAM	Low	1 937.50	47.60	57.57
		Middle	1 960.00	47.44	55.48
		High	1 982.50	47.32	53.96
	256QAM	Low	1 937.50	47.52	56.48
		Middle	1 960.00	47.43	55.36
		High	1 982.50	47.28	53.46

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	112.73	115.09	114.58	112.98
1 960.00	112.06	111.27	110.88	110.86
1 982.50	109.76	110.29	109.75	108.93

(2 Port) B2 DSS 20 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	47.53	56.58
		Middle	1 960.00	47.46	55.72
		High	1 980.00	47.59	57.36
	16QAM	Low	1 940.00	47.59	57.46
		Middle	1 960.00	47.47	55.78
		High	1 980.00	47.42	55.20
	64QAM	Low	1 940.00	47.50	56.18
		Middle	1 960.00	47.42	55.16
		High	1 980.00	47.60	57.49
	256QAM	Low	1 940.00	47.41	55.09
		Middle	1 960.00	47.48	55.98
		High	1 980.00	47.55	56.85
1	QPSK	Low	1 940.00	47.48	55.91
		Middle	1 960.00	47.45	55.60
		High	1 980.00	47.41	55.02
	16QAM	Low	1 940.00	47.46	55.72
		Middle	1 960.00	47.49	56.09
		High	1 980.00	47.40	54.99
	64QAM	Low	1 940.00	47.45	55.56
		Middle	1 960.00	47.49	56.12
		High	1 980.00	47.44	55.45
	256QAM	Low	1 940.00	47.44	55.49
		Middle	1 960.00	47.46	55.65
		High	1 980.00	47.42	55.27

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	112.50	113.19	111.75	110.58
1 960.00	111.32	111.88	111.28	111.63
1 980.00	112.38	110.19	112.94	112.12

(2 Port) B2 DSS 20 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	47.56	56.96
		Middle	1 960.00	47.39	54.83
		High	1 980.00	47.42	55.20
	16QAM	Low	1 940.00	47.54	56.75
		Middle	1 960.00	47.49	56.09
		High	1 980.00	47.47	55.81
	64QAM	Low	1 940.00	47.48	55.96
		Middle	1 960.00	47.41	55.11
		High	1 980.00	47.47	55.90
	256QAM	Low	1 940.00	47.54	56.78
		Middle	1 960.00	47.39	54.82
		High	1 980.00	47.42	55.17
1	QPSK	Low	1 940.00	47.53	56.64
		Middle	1 960.00	47.40	54.94
		High	1 980.00	47.41	55.13
	16QAM	Low	1 940.00	47.54	56.77
		Middle	1 960.00	47.43	55.32
		High	1 980.00	47.36	54.41
	64QAM	Low	1 940.00	47.57	57.11
		Middle	1 960.00	47.39	54.79
		High	1 980.00	47.38	54.71
	256QAM	Low	1 940.00	47.56	57.02
		Middle	1 960.00	47.36	54.44
		High	1 980.00	47.39	54.88

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	113.60	113.52	113.07	113.80
1 960.00	109.77	111.42	109.90	109.25
1 980.00	110.33	110.22	110.61	110.05

(2 Port) B2 DSS 20 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	47.52	56.53
		Middle	1 960.00	47.45	55.63
		High	1 980.00	47.41	55.03
	16QAM	Low	1 940.00	47.44	55.41
		Middle	1 960.00	47.45	55.60
		High	1 980.00	47.40	54.92
	64QAM	Low	1 940.00	47.45	55.58
		Middle	1 960.00	47.39	54.80
		High	1 980.00	47.39	54.87
	256QAM	Low	1 940.00	47.53	56.58
		Middle	1 960.00	47.44	55.44
		High	1 980.00	47.41	55.13
1	QPSK	Low	1 940.00	47.52	56.44
		Middle	1 960.00	47.44	55.46
		High	1 980.00	47.34	54.21
	16QAM	Low	1 940.00	47.46	55.76
		Middle	1 960.00	47.42	55.25
		High	1 980.00	47.28	53.47
	64QAM	Low	1 940.00	47.53	56.58
		Middle	1 960.00	47.41	55.06
		High	1 980.00	47.37	54.56
	256QAM	Low	1 940.00	47.54	56.75
		Middle	1 960.00	47.46	55.69
		High	1 980.00	47.34	54.20

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	112.98	111.17	112.16	113.34
1 960.00	111.09	110.85	109.86	111.13
1 980.00	109.24	108.39	109.43	109.33

(4 Port) B2 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	45.61	36.42
		Middle	1 960.00	45.58	36.12
		High	1 985.00	45.66	36.78
	16QAM	Low	1 935.00	45.62	36.48
		Middle	1 960.00	45.50	35.47
		High	1 985.00	45.71	37.20
	64QAM	Low	1 935.00	45.67	36.87
		Middle	1 960.00	45.56	36.00
		High	1 985.00	45.62	36.43
	256QAM	Low	1 935.00	45.61	36.38
		Middle	1 960.00	45.61	36.42
		High	1 985.00	45.70	37.14
1	QPSK	Low	1 935.00	45.79	37.94
		Middle	1 960.00	45.59	36.18
		High	1 985.00	45.56	35.97
	16QAM	Low	1 935.00	45.69	37.10
		Middle	1 960.00	45.54	35.83
		High	1 985.00	45.50	35.45
	64QAM	Low	1 935.00	45.65	36.69
		Middle	1 960.00	45.63	36.55
		High	1 985.00	45.56	35.97
	256QAM	Low	1 935.00	45.72	37.33
		Middle	1 960.00	45.60	36.27
		High	1 985.00	45.51	35.52

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 935.00	45.64	36.64
		Middle	1 960.00	45.57	36.07
		High	1 985.00	45.43	34.93
	16QAM	Low	1 935.00	45.58	36.14
		Middle	1 960.00	45.41	34.76
		High	1 985.00	45.53	35.69
	64QAM	Low	1 935.00	45.68	36.97
		Middle	1 960.00	45.45	35.07
		High	1 985.00	45.48	35.33
	256QAM	Low	1 935.00	45.66	36.84
		Middle	1 960.00	45.46	35.14
		High	1 985.00	45.53	35.70
3	QPSK	Low	1 935.00	45.41	34.74
		Middle	1 960.00	45.32	34.01
		High	1 985.00	45.35	34.25
	16QAM	Low	1 935.00	45.36	34.39
		Middle	1 960.00	45.33	34.12
		High	1 985.00	45.30	33.86
	64QAM	Low	1 935.00	45.47	35.28
		Middle	1 960.00	45.35	34.25
		High	1 985.00	45.40	34.68
	256QAM	Low	1 935.00	45.36	34.36
		Middle	1 960.00	45.36	34.38
		High	1 985.00	45.23	33.32

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	145.74	144.11	145.81	144.91
1 960.00	142.37	140.18	141.86	142.21
1 985.00	141.92	142.20	142.42	141.68

(4 Port) B2 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	45.69	37.06
		Middle	1 960.00	45.69	37.11
		High	1 985.00	45.64	36.62
	16QAM	Low	1 935.00	45.67	36.88
		Middle	1 960.00	45.67	36.86
		High	1 985.00	45.61	36.41
	64QAM	Low	1 935.00	45.71	37.26
		Middle	1 960.00	45.70	37.20
		High	1 985.00	45.62	36.46
256QAM	Low	1 935.00	45.84	38.34	
	Middle	1 960.00	45.74	37.51	
	High	1 985.00	45.69	37.03	
1	QPSK	Low	1 935.00	45.80	38.05
		Middle	1 960.00	45.76	37.70
		High	1 985.00	45.54	35.78
	16QAM	Low	1 935.00	45.86	38.55
		Middle	1 960.00	45.70	37.15
		High	1 985.00	45.55	35.93
	64QAM	Low	1 935.00	45.80	38.03
		Middle	1 960.00	45.71	37.21
		High	1 985.00	45.59	36.27
256QAM	Low	1 935.00	45.80	38.06	
	Middle	1 960.00	45.64	36.63	
	High	1 985.00	45.59	36.23	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 935.00	45.60	36.32
		Middle	1 960.00	45.64	36.64
		High	1 985.00	45.57	36.09
	16QAM	Low	1 935.00	45.62	36.44
		Middle	1 960.00	45.48	35.33
		High	1 985.00	45.55	35.86
	64QAM	Low	1 935.00	45.66	36.85
		Middle	1 960.00	45.64	36.64
		High	1 985.00	45.50	35.50
	256QAM	Low	1 935.00	45.63	36.58
		Middle	1 960.00	45.54	35.79
		High	1 985.00	45.52	35.62
3	QPSK	Low	1 935.00	45.52	35.61
		Middle	1 960.00	45.35	34.29
		High	1 985.00	45.33	34.16
	16QAM	Low	1 935.00	45.42	34.81
		Middle	1 960.00	45.48	35.31
		High	1 985.00	45.35	34.28
	64QAM	Low	1 935.00	45.49	35.42
		Middle	1 960.00	45.39	34.62
		High	1 985.00	45.36	34.38
	256QAM	Low	1 935.00	45.54	35.80
		Middle	1 960.00	45.51	35.55
		High	1 985.00	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			
1 935.00	147.04	146.68	147.56	148.78
1 960.00	145.74	144.66	145.67	145.48
1 985.00	142.64	142.48	142.60	143.52

(4 Port) B2 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	45.73	37.39
		Middle	1 960.00	45.69	37.09
		High	1 985.00	45.74	37.48
	16QAM	Low	1 935.00	45.78	37.85
		Middle	1 960.00	45.82	38.16
		High	1 985.00	45.62	36.47
	64QAM	Low	1 935.00	45.74	37.52
		Middle	1 960.00	45.72	37.32
		High	1 985.00	45.81	38.07
	256QAM	Low	1 935.00	45.74	37.47
		Middle	1 960.00	45.77	37.72
		High	1 985.00	45.75	37.58
1	QPSK	Low	1 935.00	45.80	38.05
		Middle	1 960.00	45.73	37.44
		High	1 985.00	45.64	36.68
	16QAM	Low	1 935.00	45.75	37.56
		Middle	1 960.00	45.77	37.79
		High	1 985.00	45.57	36.09
	64QAM	Low	1 935.00	45.79	37.98
		Middle	1 960.00	45.76	37.71
		High	1 985.00	45.66	36.82
	256QAM	Low	1 935.00	45.86	38.53
		Middle	1 960.00	45.77	37.79
		High	1 985.00	45.64	36.65

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 935.00	45.72	37.29
		Middle	1 960.00	45.62	36.47
		High	1 985.00	45.64	36.66
	16QAM	Low	1 935.00	45.69	37.05
		Middle	1 960.00	45.70	37.17
		High	1 985.00	45.58	36.17
	64QAM	Low	1 935.00	45.62	36.51
		Middle	1 960.00	45.67	36.90
		High	1 985.00	45.67	36.87
	256QAM	Low	1 935.00	45.70	37.13
		Middle	1 960.00	45.72	37.36
		High	1 985.00	45.68	37.01
3	QPSK	Low	1 935.00	45.52	35.67
		Middle	1 960.00	45.48	35.31
		High	1 985.00	45.48	35.29
	16QAM	Low	1 935.00	45.61	36.43
		Middle	1 960.00	45.60	36.27
		High	1 985.00	45.40	34.71
	64QAM	Low	1 935.00	45.55	35.89
		Middle	1 960.00	45.49	35.42
		High	1 985.00	45.53	35.75
	256QAM	Low	1 935.00	45.56	36.02
		Middle	1 960.00	45.49	35.38
		High	1 985.00	45.55	35.89

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	148.41	148.89	147.90	149.15
1 960.00	146.30	149.40	147.34	148.25
1 985.00	146.11	143.43	147.52	147.13

(4 Port) B2 DSS 20 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.53	35.71
		Middle	1 960.00	45.54	35.78
		High	1 980.00	45.52	35.63
	16QAM	Low	1 940.00	45.46	35.16
		Middle	1 960.00	45.55	35.93
		High	1 980.00	45.58	36.10
	64QAM	Low	1 940.00	45.48	35.35
		Middle	1 960.00	45.51	35.58
		High	1 980.00	45.55	35.86
	256QAM	Low	1 940.00	45.55	35.89
		Middle	1 960.00	45.47	35.27
		High	1 980.00	45.50	35.51
1	QPSK	Low	1 940.00	45.59	36.27
		Middle	1 960.00	45.51	35.57
		High	1 980.00	45.45	35.11
	16QAM	Low	1 940.00	45.48	35.32
		Middle	1 960.00	45.51	35.54
		High	1 980.00	45.43	34.95
	64QAM	Low	1 940.00	45.55	35.88
		Middle	1 960.00	45.57	36.02
		High	1 980.00	45.45	35.05
	256QAM	Low	1 940.00	45.54	35.83
		Middle	1 960.00	45.55	35.93
		High	1 980.00	45.44	34.99

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.46	35.12
		Middle	1 960.00	45.49	35.36
		High	1 980.00	45.40	34.67
	16QAM	Low	1 940.00	45.48	35.32
		Middle	1 960.00	45.49	35.38
		High	1 980.00	45.47	35.26
	64QAM	Low	1 940.00	45.46	35.15
		Middle	1 960.00	45.50	35.45
		High	1 980.00	45.39	34.57
	256QAM	Low	1 940.00	45.43	34.92
		Middle	1 960.00	45.48	35.33
		High	1 980.00	45.43	34.87
3	QPSK	Low	1 940.00	45.19	33.05
		Middle	1 960.00	45.32	34.06
		High	1 980.00	45.26	33.59
	16QAM	Low	1 940.00	45.26	33.57
		Middle	1 960.00	45.27	33.66
		High	1 980.00	45.32	34.00
	64QAM	Low	1 940.00	45.20	33.15
		Middle	1 960.00	45.26	33.57
		High	1 980.00	45.27	33.68
	256QAM	Low	1 940.00	45.25	33.51
		Middle	1 960.00	45.27	33.63
		High	1 980.00	45.19	33.04

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	140.15	139.37	139.53	140.15
1 960.00	140.76	140.51	140.62	140.17
1 980.00	138.99	140.31	139.16	138.41

(4 Port) B2 DSS 20 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.65	36.71
		Middle	1 960.00	45.53	35.72
		High	1 980.00	45.43	34.89
	16QAM	Low	1 940.00	45.54	35.83
		Middle	1 960.00	45.52	35.61
		High	1 980.00	45.55	35.85
	64QAM	Low	1 940.00	45.66	36.77
		Middle	1 960.00	45.50	35.51
		High	1 980.00	45.46	35.17
	256QAM	Low	1 940.00	45.69	37.07
		Middle	1 960.00	45.50	35.50
		High	1 980.00	45.44	35.03
1	QPSK	Low	1 940.00	45.67	36.86
		Middle	1 960.00	45.52	35.60
		High	1 980.00	45.45	35.09
	16QAM	Low	1 940.00	45.51	35.57
		Middle	1 960.00	45.64	36.63
		High	1 980.00	45.54	35.79
	64QAM	Low	1 940.00	45.67	36.93
		Middle	1 960.00	45.51	35.52
		High	1 980.00	45.46	35.17
	256QAM	Low	1 940.00	45.68	36.99
		Middle	1 960.00	45.55	35.91
		High	1 980.00	45.50	35.51

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.60	36.29
		Middle	1 960.00	45.40	34.71
		High	1 980.00	45.43	34.95
	16QAM	Low	1 940.00	45.43	34.89
		Middle	1 960.00	45.59	36.20
		High	1 980.00	45.50	35.51
	64QAM	Low	1 940.00	45.60	36.35
		Middle	1 960.00	45.43	34.94
		High	1 980.00	45.44	35.02
	256QAM	Low	1 940.00	45.54	35.83
		Middle	1 960.00	45.46	35.18
		High	1 980.00	45.42	34.83
3	QPSK	Low	1 940.00	45.35	34.31
		Middle	1 960.00	45.21	33.17
		High	1 980.00	45.34	34.21
	16QAM	Low	1 940.00	45.29	33.85
		Middle	1 960.00	45.37	34.40
		High	1 980.00	45.34	34.17
	64QAM	Low	1 940.00	45.38	34.49
		Middle	1 960.00	45.23	33.37
		High	1 980.00	45.27	33.61
	256QAM	Low	1 940.00	45.32	34.08
		Middle	1 960.00	45.27	33.67
		High	1 980.00	45.30	33.90

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	144.17	140.14	144.54	143.97
1 960.00	139.20	142.84	139.35	140.25
1 980.00	139.14	141.32	138.98	139.27

(4 Port) B2 DSS 20 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.64	36.66
		Middle	1 960.00	45.57	36.02
		High	1 980.00	45.61	36.37
	16QAM	Low	1 940.00	45.71	37.26
		Middle	1 960.00	45.54	35.79
		High	1 980.00	45.74	37.51
	64QAM	Low	1 940.00	45.62	36.45
		Middle	1 960.00	45.59	36.22
		High	1 980.00	45.64	36.61
	256QAM	Low	1 940.00	45.62	36.45
		Middle	1 960.00	45.62	36.50
		High	1 980.00	45.65	36.76
1	QPSK	Low	1 940.00	45.68	36.95
		Middle	1 960.00	45.56	35.97
		High	1 980.00	45.57	36.02
	16QAM	Low	1 940.00	45.75	37.59
		Middle	1 960.00	45.64	36.63
		High	1 980.00	45.62	36.45
	64QAM	Low	1 940.00	45.64	36.64
		Middle	1 960.00	45.58	36.12
		High	1 980.00	45.59	36.18
	256QAM	Low	1 940.00	45.66	36.80
		Middle	1 960.00	45.57	36.09
		High	1 980.00	45.59	36.23

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.59	36.20
		Middle	1 960.00	45.42	34.82
		High	1 980.00	45.52	35.64
	16QAM	Low	1 940.00	45.68	36.96
		Middle	1 960.00	45.57	36.07
		High	1 980.00	45.56	35.94
	64QAM	Low	1 940.00	45.62	36.47
		Middle	1 960.00	45.44	35.01
		High	1 980.00	45.58	36.13
	256QAM	Low	1 940.00	45.58	36.17
		Middle	1 960.00	45.47	35.23
		High	1 980.00	45.55	35.93
3	QPSK	Low	1 940.00	45.40	34.70
		Middle	1 960.00	45.36	34.39
		High	1 980.00	45.36	34.36
	16QAM	Low	1 940.00	45.57	36.09
		Middle	1 960.00	45.35	34.25
		High	1 980.00	45.41	34.75
	64QAM	Low	1 940.00	45.42	34.80
		Middle	1 960.00	45.39	34.59
		High	1 980.00	45.37	34.45
	256QAM	Low	1 940.00	45.37	34.42
		Middle	1 960.00	45.36	34.36
		High	1 980.00	45.45	35.11

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	144.51	147.91	144.35	143.84
1 960.00	141.20	142.73	141.94	142.18
1 980.00	142.40	144.65	143.38	144.03

(2 Port) 5G NR n2 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 932.50	45.45	35.04
		Middle	1 960.00	45.31	33.94
		High	1 987.50	45.44	35.01
	16QAM	Low	1 932.50	45.42	34.86
		Middle	1 960.00	45.32	34.02
		High	1 987.50	45.45	35.10
	64QAM	Low	1 932.50	45.40	34.67
		Middle	1 960.00	45.37	34.43
		High	1 987.50	45.39	34.57
256QAM	Low	1 932.50	45.36	34.33	
	Middle	1 960.00	45.37	34.45	
	High	1 987.50	45.34	34.23	
1	QPSK	Low	1 932.50	45.21	33.20
		Middle	1 960.00	45.15	32.76
		High	1 987.50	45.24	33.40
	16QAM	Low	1 932.50	45.15	32.73
		Middle	1 960.00	45.12	32.49
		High	1 987.50	45.25	33.47
	64QAM	Low	1 932.50	45.16	32.79
		Middle	1 960.00	45.29	33.80
		High	1 987.50	45.20	33.11
256QAM	Low	1 932.50	45.11	32.40	
	Middle	1 960.00	45.19	33.04	
	High	1 987.50	45.17	32.85	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50	68.24	67.58	67.46	66.74
1 960.00	66.70	66.50	68.23	67.50
1 987.50	68.41	68.57	67.68	67.08

(2 Port) 5G NR n2 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	47.26	53.19
		Middle	1 960.00	47.15	51.83
		High	1 985.00	47.28	53.51
	16QAM	Low	1 935.00	47.19	52.41
		Middle	1 960.00	47.14	51.78
		High	1 985.00	47.28	53.44
	64QAM	Low	1 935.00	47.24	52.98
		Middle	1 960.00	47.13	51.64
		High	1 985.00	47.28	53.44
	256QAM	Low	1 935.00	47.24	53.02
		Middle	1 960.00	47.18	52.26
		High	1 985.00	47.23	52.84
1	QPSK	Low	1 935.00	47.05	50.72
		Middle	1 960.00	46.95	49.58
		High	1 985.00	47.04	50.61
	16QAM	Low	1 935.00	46.95	49.52
		Middle	1 960.00	46.94	49.47
		High	1 985.00	46.93	49.34
	64QAM	Low	1 935.00	47.03	50.43
		Middle	1 960.00	47.01	50.20
		High	1 985.00	46.99	49.97
	256QAM	Low	1 935.00	47.01	50.21
		Middle	1 960.00	47.02	50.32
		High	1 985.00	47.12	51.52

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00	103.91	101.93	103.41	103.23
1 960.00	101.41	101.25	101.84	102.58
1 985.00	104.11	102.78	103.41	104.37

(2 Port) 5G NR n2 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	47.16	52.01
		Middle	1 960.00	47.13	51.62
		High	1 982.50	47.24	52.92
	16QAM	Low	1 937.50	47.12	51.53
		Middle	1 960.00	47.12	51.57
		High	1 982.50	47.22	52.75
	64QAM	Low	1 937.50	47.15	51.92
		Middle	1 960.00	47.11	51.39
		High	1 982.50	47.24	52.95
	256QAM	Low	1 937.50	47.25	53.13
		Middle	1 960.00	47.11	51.43
		High	1 982.50	47.28	53.52
1	QPSK	Low	1 937.50	46.91	49.09
		Middle	1 960.00	46.98	49.95
		High	1 982.50	47.00	50.08
	16QAM	Low	1 937.50	46.89	48.84
		Middle	1 960.00	46.94	49.41
		High	1 982.50	47.03	50.48
	64QAM	Low	1 937.50	46.94	49.44
		Middle	1 960.00	46.97	49.73
		High	1 982.50	47.02	50.38
	256QAM	Low	1 937.50	47.00	50.11
		Middle	1 960.00	47.03	50.41
		High	1 982.50	46.98	49.83

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	101.10	100.38	101.36	103.23
1 960.00	101.56	100.98	101.12	101.84
1 982.50	103.00	103.23	103.34	103.35

(2 Port) 5G NR n2 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	46.97	49.77
		Middle	1 960.00	47.29	53.52
		High	1 980.00	47.38	54.73
	16QAM	Low	1 940.00	46.91	49.14
		Middle	1 960.00	47.19	52.41
		High	1 980.00	47.39	54.88
	64QAM	Low	1 940.00	46.98	49.88
		Middle	1 960.00	47.31	53.88
		High	1 980.00	47.39	54.83
	256QAM	Low	1 940.00	46.99	50.00
		Middle	1 960.00	47.36	54.46
		High	1 980.00	47.33	54.10
1	QPSK	Low	1 940.00	46.87	48.63
		Middle	1 960.00	47.10	51.32
		High	1 980.00	47.20	52.52
	16QAM	Low	1 940.00	46.86	48.58
		Middle	1 960.00	47.09	51.18
		High	1 980.00	47.13	51.68
	64QAM	Low	1 940.00	46.86	48.47
		Middle	1 960.00	47.15	51.86
		High	1 980.00	47.11	51.40
	256QAM	Low	1 940.00	46.88	48.74
		Middle	1 960.00	47.08	51.04
		High	1 980.00	47.09	51.17

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00	98.40	97.72	98.35	98.75
1 960.00	104.84	103.59	105.73	105.50
1 980.00	107.24	106.56	106.23	105.27

(4 Port) 5G NR n2 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 932.50	42.39	17.35
		Middle	1 960.00	42.59	18.14
		High	1 987.50	42.83	19.17
	16QAM	Low	1 932.50	42.45	17.57
		Middle	1 960.00	42.56	18.03
		High	1 987.50	42.82	19.14
	64QAM	Low	1 932.50	42.36	17.22
		Middle	1 960.00	42.55	18.00
		High	1 987.50	42.80	19.05
	256QAM	Low	1 932.50	42.35	17.16
		Middle	1 960.00	42.56	18.03
		High	1 987.50	42.73	18.76
1	QPSK	Low	1 932.50	42.17	16.49
		Middle	1 960.00	42.42	17.47
		High	1 987.50	42.54	17.96
	16QAM	Low	1 932.50	42.17	16.49
		Middle	1 960.00	42.37	17.26
		High	1 987.50	42.54	17.95
	64QAM	Low	1 932.50	42.26	16.84
		Middle	1 960.00	42.44	17.55
		High	1 987.50	42.44	17.53
	256QAM	Low	1 932.50	42.12	16.30
		Middle	1 960.00	42.40	17.37
		High	1 987.50	42.52	17.86

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 932.50	42.24	16.75
		Middle	1 960.00	42.38	17.29
		High	1 987.50	42.59	18.17
	16QAM	Low	1 932.50	42.25	16.80
		Middle	1 960.00	42.25	16.79
		High	1 987.50	42.50	17.76
	64QAM	Low	1 932.50	42.23	16.71
		Middle	1 960.00	42.39	17.33
		High	1 987.50	42.54	17.93
	256QAM	Low	1 932.50	42.17	16.50
		Middle	1 960.00	42.31	17.03
		High	1 987.50	42.55	17.98
3	QPSK	Low	1 932.50	42.19	16.55
		Middle	1 960.00	42.28	16.92
		High	1 987.50	42.45	17.58
	16QAM	Low	1 932.50	42.15	16.39
		Middle	1 960.00	42.32	17.05
		High	1 987.50	42.36	17.21
	64QAM	Low	1 932.50	42.12	16.31
		Middle	1 960.00	42.27	16.86
		High	1 987.50	42.46	17.63
	256QAM	Low	1 932.50	42.11	16.26
		Middle	1 960.00	42.34	17.12
		High	1 987.50	42.45	17.56

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	67.15	67.25	67.09	66.22
1 960.00	69.81	69.13	69.75	69.55
1 987.50	72.88	72.06	72.14	72.17

(4 Port) 5G NR n2 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	45.49	35.41
		Middle	1 960.00	45.57	36.08
		High	1 985.00	45.76	37.69
	16QAM	Low	1 935.00	45.54	35.80
		Middle	1 960.00	45.53	35.77
		High	1 985.00	45.78	37.86
	64QAM	Low	1 935.00	45.55	35.88
		Middle	1 960.00	45.58	36.15
		High	1 985.00	45.78	37.84
	256QAM	Low	1 935.00	45.57	36.07
		Middle	1 960.00	45.60	36.28
		High	1 985.00	45.81	38.08
1	QPSK	Low	1 935.00	45.24	33.43
		Middle	1 960.00	45.35	34.32
		High	1 985.00	45.46	35.18
	16QAM	Low	1 935.00	45.28	33.71
		Middle	1 960.00	45.33	34.10
		High	1 985.00	45.38	34.50
	64QAM	Low	1 935.00	45.30	33.92
		Middle	1 960.00	45.39	34.61
		High	1 985.00	45.45	35.08
	256QAM	Low	1 935.00	45.26	33.54
		Middle	1 960.00	45.35	34.29
		High	1 985.00	45.53	35.73

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 935.00	45.24	33.46
		Middle	1 960.00	45.28	33.76
		High	1 985.00	45.50	35.44
	16QAM	Low	1 935.00	45.32	34.01
		Middle	1 960.00	45.31	33.94
		High	1 985.00	45.46	35.19
	64QAM	Low	1 935.00	45.26	33.58
		Middle	1 960.00	45.26	33.56
		High	1 985.00	45.56	35.96
	256QAM	Low	1 935.00	45.25	33.47
		Middle	1 960.00	45.31	33.97
		High	1 985.00	45.50	35.50
3	QPSK	Low	1 935.00	45.22	33.28
		Middle	1 960.00	45.29	33.80
		High	1 985.00	45.41	34.72
	16QAM	Low	1 935.00	45.21	33.17
		Middle	1 960.00	45.32	34.01
		High	1 985.00	45.44	35.03
	64QAM	Low	1 935.00	45.26	33.58
		Middle	1 960.00	45.32	34.08
		High	1 985.00	45.46	35.16
	256QAM	Low	1 935.00	45.22	33.27
		Middle	1 960.00	45.27	33.63
		High	1 985.00	45.38	34.55

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	135.57	136.68	136.95	136.36
1 960.00	137.96	137.81	138.40	138.17
1 985.00	143.03	142.58	144.04	143.86

(4 Port) 5G NR n2 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	45.55	35.92
		Middle	1 960.00	45.46	35.12
		High	1 982.50	45.71	37.27
	16QAM	Low	1 937.50	45.50	35.44
		Middle	1 960.00	45.52	35.65
		High	1 982.50	45.69	37.07
	64QAM	Low	1 937.50	45.46	35.19
		Middle	1 960.00	45.49	35.41
		High	1 982.50	45.66	36.85
	256QAM	Low	1 937.50	45.54	35.77
		Middle	1 960.00	45.47	35.25
		High	1 982.50	45.80	38.03
1	QPSK	Low	1 937.50	45.22	33.26
		Middle	1 960.00	45.35	34.26
		High	1 982.50	45.36	34.37
	16QAM	Low	1 937.50	45.26	33.56
		Middle	1 960.00	45.33	34.12
		High	1 982.50	45.39	34.58
	64QAM	Low	1 937.50	45.26	33.58
		Middle	1 960.00	45.33	34.10
		High	1 982.50	45.47	35.25
	256QAM	Low	1 937.50	45.18	32.97
		Middle	1 960.00	45.32	34.03
		High	1 982.50	45.51	35.55

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 937.50	45.20	33.12
		Middle	1 960.00	45.24	33.46
		High	1 982.50	45.39	34.60
	16QAM	Low	1 937.50	45.28	33.72
		Middle	1 960.00	45.28	33.71
		High	1 982.50	45.35	34.25
	64QAM	Low	1 937.50	45.26	33.61
		Middle	1 960.00	45.33	34.14
		High	1 982.50	45.48	35.33
	256QAM	Low	1 937.50	45.34	34.17
		Middle	1 960.00	45.32	34.06
		High	1 982.50	45.57	36.07
3	QPSK	Low	1 937.50	45.29	33.85
		Middle	1 960.00	45.28	33.71
		High	1 982.50	45.27	33.65
	16QAM	Low	1 937.50	45.26	33.61
		Middle	1 960.00	45.33	34.15
		High	1 982.50	45.27	33.61
	64QAM	Low	1 937.50	45.31	33.94
		Middle	1 960.00	45.28	33.70
		High	1 982.50	45.35	34.28
	256QAM	Low	1 937.50	45.28	33.75
		Middle	1 960.00	45.27	33.68
		High	1 982.50	45.47	35.26

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	136.14	136.33	136.32	136.66
1 960.00	136.55	137.62	137.34	137.02
1 982.50	139.90	139.51	141.71	144.90

(4 Port) 5G NR n2 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 940.00	45.55	35.89
		Middle	1 960.00	45.55	35.85
		High	1 980.00	45.62	36.52
	16QAM	Low	1 940.00	45.53	35.74
		Middle	1 960.00	45.54	35.81
		High	1 980.00	45.66	36.80
	64QAM	Low	1 940.00	45.47	35.27
		Middle	1 960.00	45.54	35.80
		High	1 980.00	45.70	37.17
	256QAM	Low	1 940.00	45.55	35.88
		Middle	1 960.00	45.49	35.42
		High	1 980.00	45.62	36.50
1	QPSK	Low	1 940.00	45.29	33.81
		Middle	1 960.00	45.29	33.79
		High	1 980.00	45.32	34.05
	16QAM	Low	1 940.00	45.24	33.44
		Middle	1 960.00	45.31	33.95
		High	1 980.00	45.37	34.44
	64QAM	Low	1 940.00	45.22	33.28
		Middle	1 960.00	45.30	33.90
		High	1 980.00	45.31	33.95
	256QAM	Low	1 940.00	45.26	33.58
		Middle	1 960.00	45.25	33.51
		High	1 980.00	45.28	33.71

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 940.00	45.28	33.77
		Middle	1 960.00	45.28	33.74
		High	1 980.00	45.33	34.13
	16QAM	Low	1 940.00	45.24	33.46
		Middle	1 960.00	45.33	34.10
		High	1 980.00	45.40	34.67
	64QAM	Low	1 940.00	45.17	32.89
		Middle	1 960.00	45.31	33.92
		High	1 980.00	45.42	34.87
	256QAM	Low	1 940.00	45.21	33.20
		Middle	1 960.00	45.24	33.43
		High	1 980.00	45.42	34.83
3	QPSK	Low	1 940.00	45.27	33.67
		Middle	1 960.00	45.27	33.68
		High	1 980.00	45.30	33.85
	16QAM	Low	1 940.00	45.17	32.87
		Middle	1 960.00	45.28	33.69
		High	1 980.00	45.35	34.27
	64QAM	Low	1 940.00	45.21	33.20
		Middle	1 960.00	45.29	33.84
		High	1 980.00	45.38	34.49
	256QAM	Low	1 940.00	45.19	33.01
		Middle	1 960.00	45.18	32.98
		High	1 980.00	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			
1 940.00	137.13	135.51	134.65	135.68
1 960.00	137.07	137.56	137.46	135.35
1 980.00	138.55	140.19	140.47	139.46

(2 Port) B66 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	48.82	76.16
		Middle	2 145.00	49.02	79.85
		High	2 175.00	49.40	87.14
	16QAM	Low	2 115.00	48.78	75.47
		Middle	2 145.00	49.04	80.24
		High	2 175.00	49.24	83.87
	64QAM	Low	2 115.00	48.77	75.35
		Middle	2 145.00	49.01	79.67
		High	2 175.00	49.22	83.56
	256QAM	Low	2 115.00	48.72	74.46
		Middle	2 145.00	48.99	79.32
		High	2 175.00	49.11	81.51
1	QPSK	Low	2 115.00	48.53	71.25
		Middle	2 145.00	48.48	70.39
		High	2 175.00	48.63	72.91
	16QAM	Low	2 115.00	48.57	71.99
		Middle	2 145.00	48.41	69.34
		High	2 175.00	48.47	70.24
	64QAM	Low	2 115.00	48.62	72.81
		Middle	2 145.00	48.54	71.43
		High	2 175.00	48.47	70.29
	256QAM	Low	2 115.00	48.58	72.14
		Middle	2 145.00	48.48	70.50
		High	2 175.00	48.42	69.57

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00	147.41	147.47	148.16	146.60
2 145.00	150.24	149.58	151.10	149.82
2 175.00	160.05	154.11	153.85	151.07

(2 Port) B66 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	48.63	72.88
		Middle	2 145.00	48.95	78.49
		High	2 175.00	48.84	76.56
	16QAM	Low	2 115.00	48.97	78.94
		Middle	2 145.00	48.50	70.83
		High	2 175.00	48.85	76.79
	64QAM	Low	2 115.00	48.85	76.82
		Middle	2 145.00	48.99	79.29
		High	2 175.00	48.90	77.71
256QAM	Low	2 115.00	48.92	78.05	
	Middle	2 145.00	49.00	79.34	
	High	2 175.00	48.88	77.27	
1	QPSK	Low	2 115.00	48.57	71.91
		Middle	2 145.00	48.50	70.71
		High	2 175.00	48.33	68.01
	16QAM	Low	2 115.00	48.57	72.01
		Middle	2 145.00	48.52	71.17
		High	2 175.00	48.38	68.91
	64QAM	Low	2 115.00	48.58	72.03
		Middle	2 145.00	48.47	70.34
		High	2 175.00	48.49	70.60
256QAM	Low	2 115.00	48.40	69.23	
	Middle	2 145.00	48.51	70.96	
	High	2 175.00	48.51	70.89	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00	144.79	150.95	148.85	147.29
2 145.00	149.20	142.00	149.63	150.30
2 175.00	144.57	145.70	148.31	148.16

(2 Port) B66 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	48.54	71.45
		Middle	2 145.00	48.70	74.20
		High	2 175.00	48.38	68.79
	16QAM	Low	2 115.00	48.42	69.53
		Middle	2 145.00	48.57	71.94
		High	2 175.00	48.42	69.44
	64QAM	Low	2 115.00	48.41	69.31
		Middle	2 145.00	48.51	70.94
		High	2 175.00	48.40	69.14
	256QAM	Low	2 115.00	48.40	69.21
		Middle	2 145.00	48.44	69.84
		High	2 175.00	48.35	68.38
1	QPSK	Low	2 115.00	48.64	73.05
		Middle	2 145.00	48.71	74.25
		High	2 175.00	48.55	71.63
	16QAM	Low	2 115.00	48.53	71.20
		Middle	2 145.00	48.55	71.55
		High	2 175.00	48.35	68.44
	64QAM	Low	2 115.00	48.51	70.97
		Middle	2 145.00	48.45	70.03
		High	2 175.00	48.48	70.40
	256QAM	Low	2 115.00	48.61	72.66
		Middle	2 145.00	48.44	69.87
		High	2 175.00	48.51	70.94

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00	144.50	140.74	140.28	141.88
2 145.00	148.45	143.49	140.97	139.71
2 175.00	140.42	137.88	139.54	139.32

(2 Port) B66 DSS 15 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	48.91	77.82
		Middle	2 145.00	49.18	82.72
		High	2 172.50	49.09	81.15
	16QAM	Low	2 117.50	48.46	70.21
		Middle	2 145.00	49.15	82.17
		High	2 172.50	49.10	81.19
	64QAM	Low	2 117.50	48.82	76.24
		Middle	2 145.00	49.01	79.63
		High	2 172.50	49.03	79.98
	256QAM	Low	2 117.50	48.87	77.04
		Middle	2 145.00	49.07	80.74
		High	2 172.50	49.06	80.48
1	QPSK	Low	2 117.50	48.52	71.06
		Middle	2 145.00	48.50	70.73
		High	2 172.50	48.46	70.21
	16QAM	Low	2 117.50	48.52	71.10
		Middle	2 145.00	48.56	71.81
		High	2 172.50	48.45	69.98
	64QAM	Low	2 117.50	48.51	70.99
		Middle	2 145.00	48.43	69.66
		High	2 172.50	48.43	69.60
	256QAM	Low	2 117.50	48.55	71.61
		Middle	2 145.00	48.49	70.68
		High	2 172.50	48.42	69.53

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	148.88	141.32	147.23	148.65
2 145.00	153.45	153.98	149.30	151.42
2 172.50	151.36	151.17	149.58	150.02

(2 Port) B66 DSS 15 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	48.90	77.62
		Middle	2 145.00	49.17	82.64
		High	2 172.50	49.12	81.64
	16QAM	Low	2 117.50	48.89	77.45
		Middle	2 145.00	49.17	82.68
		High	2 172.50	48.94	78.32
	64QAM	Low	2 117.50	48.89	77.37
		Middle	2 145.00	49.09	81.10
		High	2 172.50	48.56	71.81
256QAM	Low	2 117.50	48.87	77.04	
	Middle	2 145.00	49.04	80.17	
	High	2 172.50	49.03	79.98	
1	QPSK	Low	2 117.50	48.53	71.33
		Middle	2 145.00	48.49	70.57
		High	2 172.50	48.45	70.03
	16QAM	Low	2 117.50	48.53	71.25
		Middle	2 145.00	48.48	70.40
		High	2 172.50	48.44	69.76
	64QAM	Low	2 117.50	48.53	71.20
		Middle	2 145.00	48.41	69.28
		High	2 172.50	48.39	69.09
256QAM	Low	2 117.50	48.56	71.76	
	Middle	2 145.00	48.46	70.21	
	High	2 172.50	48.34	68.30	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	148.96	148.70	148.58	148.80
2 145.00	153.21	153.08	150.37	150.38
2 172.50	151.67	148.08	140.90	148.28

(2 Port) B66 DSS 15 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	48.98	79.10
		Middle	2 145.00	49.11	81.56
		High	2 172.50	49.08	80.95
	16QAM	Low	2 117.50	48.92	77.89
		Middle	2 145.00	49.07	80.76
		High	2 172.50	48.32	67.86
	64QAM	Low	2 117.50	48.88	77.36
		Middle	2 145.00	49.08	80.89
		High	2 172.50	49.02	79.85
256QAM	Low	2 117.50	48.80	75.93	
	Middle	2 145.00	48.40	69.20	
	High	2 172.50	48.99	79.18	
1	QPSK	Low	2 117.50	48.50	70.79
		Middle	2 145.00	48.43	69.63
		High	2 172.50	48.44	69.87
	16QAM	Low	2 117.50	48.62	72.73
		Middle	2 145.00	48.48	70.45
		High	2 172.50	48.44	69.76
	64QAM	Low	2 117.50	48.52	71.20
		Middle	2 145.00	48.50	70.79
		High	2 172.50	48.40	69.15
256QAM	Low	2 117.50	48.43	69.71	
	Middle	2 145.00	48.46	70.06	
	High	2 172.50	48.35	68.44	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	149.90	150.62	148.56	145.64
2 145.00	151.19	151.21	151.69	139.26
2 172.50	150.82	137.62	149.01	147.62

(2 Port) B66 DSS 20 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	48.95	78.61
		Middle	2 145.00	49.22	83.58
		High	2 170.00	49.08	80.89
	16QAM	Low	2 120.00	48.96	78.63
		Middle	2 145.00	48.82	76.21
		High	2 170.00	49.14	82.02
	64QAM	Low	2 120.00	49.02	79.84
		Middle	2 145.00	49.20	83.23
		High	2 170.00	49.02	79.82
	256QAM	Low	2 120.00	49.07	80.78
		Middle	2 145.00	49.21	83.44
		High	2 170.00	49.04	80.17
1	QPSK	Low	2 120.00	48.58	72.16
		Middle	2 145.00	48.57	71.86
		High	2 170.00	48.52	71.10
	16QAM	Low	2 120.00	48.54	71.47
		Middle	2 145.00	48.58	72.16
		High	2 170.00	48.62	72.86
	64QAM	Low	2 120.00	48.62	72.81
		Middle	2 145.00	48.59	72.33
		High	2 170.00	48.53	71.37
	256QAM	Low	2 120.00	48.57	72.01
		Middle	2 145.00	48.55	71.66
		High	2 170.00	48.50	70.81

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	150.77	150.10	152.65	152.79
2 145.00	155.44	148.37	155.56	155.11
2 170.00	152.00	154.88	151.19	150.98

(2 Port) B66 DSS 20 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	49.00	79.49
		Middle	2 145.00	49.24	83.98
		High	2 170.00	49.17	82.57
	16QAM	Low	2 120.00	48.99	79.32
		Middle	2 145.00	49.22	83.54
		High	2 170.00	49.10	81.30
	64QAM	Low	2 120.00	48.98	79.05
		Middle	2 145.00	49.09	81.06
		High	2 170.00	48.51	70.97
256QAM	Low	2 120.00	48.40	69.23	
	Middle	2 145.00	49.16	82.34	
	High	2 170.00	48.97	78.81	
1	QPSK	Low	2 120.00	48.59	72.24
		Middle	2 145.00	48.52	71.15
		High	2 170.00	48.51	70.97
	16QAM	Low	2 120.00	48.64	73.13
		Middle	2 145.00	48.54	71.50
		High	2 170.00	48.50	70.88
	64QAM	Low	2 120.00	48.58	72.03
		Middle	2 145.00	48.49	70.66
		High	2 170.00	48.47	70.34
256QAM	Low	2 120.00	48.56	71.73	
	Middle	2 145.00	48.50	70.84	
	High	2 170.00	48.51	70.88	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	151.73	152.45	151.08	140.96
2 145.00	155.14	155.04	151.72	153.18
2 170.00	153.54	152.18	141.31	149.69

(2 Port) B66 DSS 20 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	49.09	81.10
		Middle	2 145.00	49.27	84.57
		High	2 170.00	49.10	81.36
	16QAM	Low	2 120.00	48.97	78.89
		Middle	2 145.00	49.20	83.12
		High	2 170.00	49.08	80.85
	64QAM	Low	2 120.00	48.86	76.95
		Middle	2 145.00	49.14	82.09
		High	2 170.00	49.01	79.65
256QAM	Low	2 120.00	48.91	77.73	
	Middle	2 145.00	49.12	81.58	
	High	2 170.00	48.45	69.95	
1	QPSK	Low	2 120.00	48.58	72.03
		Middle	2 145.00	48.49	70.58
		High	2 170.00	48.50	70.78
	16QAM	Low	2 120.00	48.54	71.53
		Middle	2 145.00	48.50	70.76
		High	2 170.00	48.50	70.86
	64QAM	Low	2 120.00	48.55	71.70
		Middle	2 145.00	48.49	70.58
		High	2 170.00	48.50	70.73
256QAM	Low	2 120.00	48.57	71.99	
	Middle	2 145.00	48.49	70.60	
	High	2 170.00	48.45	69.95	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	153.12	150.42	148.65	149.73
2 145.00	155.15	153.88	152.67	152.18
2 170.00	152.14	151.71	150.38	139.90

(4 Port) B66 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	45.92	39.12
		Middle	2 145.00	45.93	39.19
		High	2 175.00	45.44	34.96
	16QAM	Low	2 115.00	45.59	36.27
		Middle	2 145.00	45.66	36.83
		High	2 175.00	45.41	34.79
	64QAM	Low	2 115.00	45.71	37.20
		Middle	2 145.00	45.85	38.49
		High	2 175.00	45.52	35.64
	256QAM	Low	2 115.00	45.54	35.83
		Middle	2 145.00	45.57	36.04
		High	2 175.00	45.45	35.04
1	QPSK	Low	2 115.00	45.90	38.89
		Middle	2 145.00	45.76	37.70
		High	2 175.00	45.65	36.76
	16QAM	Low	2 115.00	45.71	37.25
		Middle	2 145.00	45.68	36.99
		High	2 175.00	45.63	36.52
	64QAM	Low	2 115.00	45.81	38.11
		Middle	2 145.00	45.73	37.40
		High	2 175.00	45.66	36.80
	256QAM	Low	2 115.00	45.86	38.50
		Middle	2 145.00	45.66	36.80
		High	2 175.00	45.62	36.47

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 115.00	45.90	38.94
		Middle	2 145.00	45.75	37.58
		High	2 175.00	45.72	37.29
	16QAM	Low	2 115.00	45.92	39.10
		Middle	2 145.00	45.73	37.42
		High	2 175.00	45.67	36.86
	64QAM	Low	2 115.00	45.94	39.29
		Middle	2 145.00	45.73	37.45
		High	2 175.00	45.75	37.61
	256QAM	Low	2 115.00	45.93	39.20
		Middle	2 145.00	45.79	37.96
		High	2 175.00	45.71	37.21
3	QPSK	Low	2 115.00	45.93	39.14
		Middle	2 145.00	45.71	37.25
		High	2 175.00	45.69	37.06
	16QAM	Low	2 115.00	45.81	38.07
		Middle	2 145.00	45.71	37.23
		High	2 175.00	45.58	36.12
	64QAM	Low	2 115.00	45.82	38.17
		Middle	2 145.00	45.71	37.21
		High	2 175.00	45.57	36.05
	256QAM	Low	2 115.00	45.93	39.15
		Middle	2 145.00	45.76	37.70
		High	2 175.00	45.63	36.58

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	156.09	150.69	152.77	152.68
2 145.00	151.71	148.47	150.55	148.49
2 175.00	146.07	144.28	146.09	145.31

(4 Port) B66 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	45.88	38.75
		Middle	2 145.00	45.76	37.69
		High	2 175.00	45.55	35.91
	16QAM	Low	2 115.00	45.73	37.38
		Middle	2 145.00	45.67	36.87
		High	2 175.00	45.46	35.15
	64QAM	Low	2 115.00	45.68	36.98
		Middle	2 145.00	45.71	37.23
		High	2 175.00	45.42	34.83
	256QAM	Low	2 115.00	45.23	33.33
		Middle	2 145.00	45.73	37.41
		High	2 175.00	45.50	35.46
1	QPSK	Low	2 115.00	46.00	39.82
		Middle	2 145.00	45.80	38.03
		High	2 175.00	45.75	37.55
	16QAM	Low	2 115.00	45.78	37.81
		Middle	2 145.00	45.76	37.69
		High	2 175.00	45.71	37.24
	64QAM	Low	2 115.00	45.84	38.33
		Middle	2 145.00	45.79	37.97
		High	2 175.00	45.68	37.01
	256QAM	Low	2 115.00	45.87	38.65
		Middle	2 145.00	45.75	37.61
		High	2 175.00	45.57	36.02

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 115.00	46.02	39.98
		Middle	2 145.00	45.82	38.21
		High	2 175.00	45.77	37.79
	16QAM	Low	2 115.00	45.83	38.29
		Middle	2 145.00	45.81	38.11
		High	2 175.00	45.75	37.61
	64QAM	Low	2 115.00	45.95	39.32
		Middle	2 145.00	45.77	37.71
		High	2 175.00	45.75	37.58
	256QAM	Low	2 115.00	45.98	39.60
		Middle	2 145.00	45.78	37.80
		High	2 175.00	45.61	36.35
3	QPSK	Low	2 115.00	45.92	39.08
		Middle	2 145.00	45.76	37.64
		High	2 175.00	45.70	37.17
	16QAM	Low	2 115.00	45.93	39.19
		Middle	2 145.00	45.76	37.66
		High	2 175.00	45.65	36.75
	64QAM	Low	2 115.00	45.89	38.82
		Middle	2 145.00	45.75	37.56
		High	2 175.00	45.61	36.35
	256QAM	Low	2 115.00	45.89	38.78
		Middle	2 145.00	45.72	37.33
		High	2 175.00	45.55	35.92

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	157.62	152.67	153.45	150.36
2 145.00	151.57	150.33	150.47	150.15
2 175.00	148.42	146.75	145.76	143.75

(4 Port) B66 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	45.90	38.92
		Middle	2 145.00	45.81	38.09
		High	2 175.00	45.42	34.87
	16QAM	Low	2 115.00	45.82	38.16
		Middle	2 145.00	45.75	37.58
		High	2 175.00	45.91	38.98
	64QAM	Low	2 115.00	45.85	38.42
		Middle	2 145.00	45.83	38.26
		High	2 175.00	45.87	38.60
	256QAM	Low	2 115.00	45.23	33.35
		Middle	2 145.00	45.77	37.72
		High	2 175.00	45.90	38.90
1	QPSK	Low	2 115.00	45.99	39.70
		Middle	2 145.00	45.84	38.34
		High	2 175.00	45.84	38.36
	16QAM	Low	2 115.00	45.90	38.94
		Middle	2 145.00	45.85	38.45
		High	2 175.00	45.84	38.40
	64QAM	Low	2 115.00	45.91	38.97
		Middle	2 145.00	45.83	38.29
		High	2 175.00	45.82	38.18
	256QAM	Low	2 115.00	45.88	38.73
		Middle	2 145.00	45.86	38.55
		High	2 175.00	45.79	37.97

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 115.00	46.11	40.79
		Middle	2 145.00	45.88	38.70
		High	2 175.00	45.90	38.88
	16QAM	Low	2 115.00	45.99	39.68
		Middle	2 145.00	45.89	38.80
		High	2 175.00	45.89	38.84
	64QAM	Low	2 115.00	46.06	40.38
		Middle	2 145.00	45.89	38.85
		High	2 175.00	45.93	39.14
	256QAM	Low	2 115.00	45.89	38.78
		Middle	2 145.00	45.96	39.41
		High	2 175.00	45.90	38.94
3	QPSK	Low	2 115.00	46.03	40.08
		Middle	2 145.00	45.88	38.73
		High	2 175.00	45.82	38.22
	16QAM	Low	2 115.00	45.91	38.99
		Middle	2 145.00	45.82	38.18
		High	2 175.00	45.82	38.16
	64QAM	Low	2 115.00	46.00	39.78
		Middle	2 145.00	45.89	38.85
		High	2 175.00	45.77	37.77
	256QAM	Low	2 115.00	45.59	36.22
		Middle	2 145.00	45.86	38.53
		High	2 175.00	45.82	38.17

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	159.50	155.77	157.56	147.08
2 145.00	153.86	153.00	154.25	154.21
2 175.00	150.33	154.37	153.69	153.98

(4 Port) B66 DSS 15 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.81	60.35
		Middle	2 145.00	47.77	59.90
		High	2 172.50	47.62	57.77
	16QAM	Low	2 117.50	47.72	59.14
		Middle	2 145.00	47.80	60.24
		High	2 172.50	47.61	57.65
	64QAM	Low	2 117.50	47.73	59.25
		Middle	2 145.00	47.88	61.36
		High	2 172.50	47.62	57.86
	256QAM	Low	2 117.50	47.80	60.30
		Middle	2 145.00	47.74	59.46
		High	2 172.50	47.68	58.56
1	QPSK	Low	2 117.50	47.62	57.86
		Middle	2 145.00	47.58	57.25
		High	2 172.50	47.49	56.16
	16QAM	Low	2 117.50	47.60	57.60
		Middle	2 145.00	47.62	57.81
		High	2 172.50	47.55	56.85
	64QAM	Low	2 117.50	47.60	57.49
		Middle	2 145.00	47.68	58.59
		High	2 172.50	47.54	56.73
	256QAM	Low	2 117.50	47.70	58.90
		Middle	2 145.00	47.63	57.98
		High	2 172.50	47.60	57.50

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	47.77	59.84
		Middle	2 145.00	47.63	57.89
		High	2 172.50	47.65	58.14
	16QAM	Low	2 117.50	47.72	59.18
		Middle	2 145.00	47.76	59.68
		High	2 172.50	47.64	58.10
	64QAM	Low	2 117.50	47.77	59.80
		Middle	2 145.00	47.71	58.97
		High	2 172.50	47.58	57.27
	256QAM	Low	2 117.50	47.79	60.06
		Middle	2 145.00	47.67	58.41
		High	2 172.50	47.65	58.25
3	QPSK	Low	2 117.50	47.73	59.28
		Middle	2 145.00	47.61	57.65
		High	2 172.50	47.50	56.21
	16QAM	Low	2 117.50	47.74	59.42
		Middle	2 145.00	47.69	58.69
		High	2 172.50	47.60	57.58
	64QAM	Low	2 117.50	47.72	59.20
		Middle	2 145.00	47.63	58.00
		High	2 172.50	47.50	56.20
	256QAM	Low	2 117.50	47.70	58.91
		Middle	2 145.00	47.60	57.61
		High	2 172.50	47.55	56.82

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	237.34	235.34	235.74	238.17
2 145.00	232.69	236.42	236.91	233.46
2 172.50	228.28	230.18	228.05	231.13

(4 Port) B66 DSS 15 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.76	59.65
		Middle	2 145.00	47.79	60.13
		High	2 172.50	47.75	59.61
	16QAM	Low	2 117.50	47.76	59.68
		Middle	2 145.00	47.74	59.46
		High	2 172.50	47.77	59.79
	64QAM	Low	2 117.50	47.80	60.28
		Middle	2 145.00	47.77	59.91
		High	2 172.50	47.69	58.76
	256QAM	Low	2 117.50	47.80	60.24
		Middle	2 145.00	47.79	60.10
		High	2 172.50	47.74	59.46
1	QPSK	Low	2 117.50	47.68	58.56
		Middle	2 145.00	47.64	58.05
		High	2 172.50	47.63	58.00
	16QAM	Low	2 117.50	47.64	58.06
		Middle	2 145.00	47.60	57.52
		High	2 172.50	47.62	57.77
	64QAM	Low	2 117.50	47.67	58.44
		Middle	2 145.00	47.61	57.65
		High	2 172.50	47.64	58.12
	256QAM	Low	2 117.50	47.68	58.59
		Middle	2 145.00	47.67	58.49
		High	2 172.50	47.57	57.19

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	47.76	59.77
		Middle	2 145.00	47.66	58.40
		High	2 172.50	47.71	58.97
	16QAM	Low	2 117.50	47.79	60.10
		Middle	2 145.00	47.68	58.64
		High	2 172.50	47.69	58.80
	64QAM	Low	2 117.50	47.81	60.37
		Middle	2 145.00	47.61	57.68
		High	2 172.50	47.66	58.38
	256QAM	Low	2 117.50	47.82	60.56
		Middle	2 145.00	47.70	58.91
		High	2 172.50	47.68	58.64
3	QPSK	Low	2 117.50	47.77	59.83
		Middle	2 145.00	47.65	58.21
		High	2 172.50	47.63	58.01
	16QAM	Low	2 117.50	47.79	60.09
		Middle	2 145.00	47.61	57.64
		High	2 172.50	47.61	57.73
	64QAM	Low	2 117.50	47.78	60.03
		Middle	2 145.00	47.63	58.00
		High	2 172.50	47.66	58.40
	256QAM	Low	2 117.50	47.74	59.37
		Middle	2 145.00	47.65	58.25
		High	2 172.50	47.68	58.57

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	237.81	237.93	239.12	238.77
2 145.00	234.79	233.25	233.23	235.76
2 172.50	234.58	234.09	233.66	233.86

(4 Port) B66 DSS 15 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.50	56.22
		Middle	2 145.00	47.88	61.35
		High	2 172.50	47.77	59.90
	16QAM	Low	2 117.50	47.51	56.38
		Middle	2 145.00	47.92	61.92
		High	2 172.50	47.83	60.63
	64QAM	Low	2 117.50	47.45	55.65
		Middle	2 145.00	47.84	60.74
		High	2 172.50	47.74	59.46
	256QAM	Low	2 117.50	47.48	55.95
		Middle	2 145.00	47.88	61.32
		High	2 172.50	47.71	59.03
1	QPSK	Low	2 117.50	47.77	59.88
		Middle	2 145.00	47.66	58.37
		High	2 172.50	47.64	58.10
	16QAM	Low	2 117.50	47.73	59.35
		Middle	2 145.00	47.73	59.22
		High	2 172.50	47.73	59.32
	64QAM	Low	2 117.50	47.67	58.45
		Middle	2 145.00	47.62	57.82
		High	2 172.50	47.66	58.32
	256QAM	Low	2 117.50	47.78	60.03
		Middle	2 145.00	47.74	59.44
		High	2 172.50	47.71	58.98

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	47.87	61.28
		Middle	2 145.00	47.77	59.87
		High	2 172.50	47.78	59.92
	16QAM	Low	2 117.50	47.85	60.98
		Middle	2 145.00	47.80	60.20
		High	2 172.50	47.78	59.92
	64QAM	Low	2 117.50	47.85	60.88
		Middle	2 145.00	47.71	59.02
		High	2 172.50	47.77	59.83
	256QAM	Low	2 117.50	47.96	62.50
		Middle	2 145.00	47.82	60.55
		High	2 172.50	47.77	59.90
3	QPSK	Low	2 117.50	47.83	60.63
		Middle	2 145.00	47.74	59.42
		High	2 172.50	47.69	58.71
	16QAM	Low	2 117.50	47.89	61.53
		Middle	2 145.00	47.71	58.97
		High	2 172.50	47.67	58.51
	64QAM	Low	2 117.50	47.85	60.93
		Middle	2 145.00	47.73	59.35
		High	2 172.50	47.66	58.38
	256QAM	Low	2 117.50	47.85	61.00
		Middle	2 145.00	47.71	58.97
		High	2 172.50	47.72	59.21

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	238.01	238.24	235.92	239.48
2 145.00	239.00	240.31	236.93	240.28
2 172.50	236.63	238.38	235.99	237.12

(4 Port) B66 DSS 20 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.49	56.17
		Middle	2 145.00	47.44	55.48
		High	2 170.00	47.42	55.27
	16QAM	Low	2 120.00	47.47	55.80
		Middle	2 145.00	47.41	55.07
		High	2 170.00	47.42	55.21
	64QAM	Low	2 120.00	47.39	54.87
		Middle	2 145.00	47.43	55.37
		High	2 170.00	47.46	55.76
	256QAM	Low	2 120.00	47.42	55.20
		Middle	2 145.00	47.39	54.84
		High	2 170.00	47.47	55.85
1	QPSK	Low	2 120.00	47.44	55.42
		Middle	2 145.00	47.39	54.84
		High	2 170.00	47.34	54.23
	16QAM	Low	2 120.00	47.45	55.60
		Middle	2 145.00	47.44	55.41
		High	2 170.00	47.33	54.06
	64QAM	Low	2 120.00	47.43	55.28
		Middle	2 145.00	47.39	54.83
		High	2 170.00	47.51	56.40
	256QAM	Low	2 120.00	47.47	55.85
		Middle	2 145.00	47.36	54.50
		High	2 170.00	47.34	54.26

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.50	56.26
		Middle	2 145.00	47.45	55.54
		High	2 170.00	47.40	54.90
	16QAM	Low	2 120.00	47.50	56.17
		Middle	2 145.00	47.49	56.05
		High	2 170.00	47.50	56.30
	64QAM	Low	2 120.00	47.43	55.40
		Middle	2 145.00	47.46	55.72
		High	2 170.00	47.49	56.05
	256QAM	Low	2 120.00	47.46	55.76
		Middle	2 145.00	47.41	55.07
		High	2 170.00	47.46	55.74
3	QPSK	Low	2 120.00	47.42	55.14
		Middle	2 145.00	47.46	55.67
		High	2 170.00	47.40	54.97
	16QAM	Low	2 120.00	47.47	55.83
		Middle	2 145.00	47.46	55.74
		High	2 170.00	47.45	55.59
	64QAM	Low	2 120.00	47.51	56.34
		Middle	2 145.00	47.47	55.83
		High	2 170.00	47.38	54.75
	256QAM	Low	2 120.00	47.43	55.40
		Middle	2 145.00	47.45	55.59
		High	2 170.00	47.43	55.39

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	223.00	223.40	221.89	222.20
2 145.00	221.52	222.28	221.75	220.00
2 170.00	219.37	221.16	222.96	221.24

(4 Port) B66 DSS 20 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.36	54.50
		Middle	2 145.00	47.27	53.27
		High	2 170.00	47.35	54.28
	16QAM	Low	2 120.00	47.42	55.23
		Middle	2 145.00	47.41	55.03
		High	2 170.00	47.41	55.04
	64QAM	Low	2 120.00	47.38	54.76
		Middle	2 145.00	47.45	55.62
		High	2 170.00	47.42	55.22
	256QAM	Low	2 120.00	47.46	55.76
		Middle	2 145.00	47.45	55.62
		High	2 170.00	47.42	55.17
1	QPSK	Low	2 120.00	47.31	53.80
		Middle	2 145.00	47.33	54.06
		High	2 170.00	47.31	53.80
	16QAM	Low	2 120.00	47.43	55.36
		Middle	2 145.00	47.51	56.35
		High	2 170.00	47.42	55.23
	64QAM	Low	2 120.00	47.42	55.20
		Middle	2 145.00	47.27	53.36
		High	2 170.00	47.37	54.60
	256QAM	Low	2 120.00	47.36	54.49
		Middle	2 145.00	47.30	53.70
		High	2 170.00	47.32	54.00

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.44	55.53
		Middle	2 145.00	47.39	54.89
		High	2 170.00	47.51	56.32
	16QAM	Low	2 120.00	47.29	53.54
		Middle	2 145.00	47.26	53.20
		High	2 170.00	47.44	55.45
	64QAM	Low	2 120.00	47.27	53.27
		Middle	2 145.00	47.32	53.94
		High	2 170.00	47.39	54.85
	256QAM	Low	2 120.00	47.51	56.35
		Middle	2 145.00	47.33	54.10
		High	2 170.00	47.37	54.59
3	QPSK	Low	2 120.00	47.44	55.50
		Middle	2 145.00	47.38	54.74
		High	2 170.00	47.30	53.73
	16QAM	Low	2 120.00	47.51	56.34
		Middle	2 145.00	47.25	53.04
		High	2 170.00	47.30	53.77
	64QAM	Low	2 120.00	47.27	53.37
		Middle	2 145.00	47.34	54.23
		High	2 170.00	47.30	53.73
	256QAM	Low	2 120.00	47.49	56.05
		Middle	2 145.00	47.37	54.58
		High	2 170.00	47.28	53.47

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	219.33	220.47	216.60	222.65
2 145.00	216.97	217.62	217.14	218.00
2 170.00	218.13	219.49	218.40	217.23

(4 Port) B66 DSS 20 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.47	55.87
		Middle	2 145.00	47.51	56.40
		High	2 170.00	47.49	56.04
	16QAM	Low	2 120.00	47.37	54.61
		Middle	2 145.00	47.41	55.14
		High	2 170.00	47.35	54.38
	64QAM	Low	2 120.00	47.48	56.04
		Middle	2 145.00	47.38	54.65
		High	2 170.00	47.49	56.14
	256QAM	Low	2 120.00	47.37	54.54
		Middle	2 145.00	47.37	54.54
		High	2 170.00	47.48	56.00
1	QPSK	Low	2 120.00	47.41	55.13
		Middle	2 145.00	47.37	54.59
		High	2 170.00	47.41	55.03
	16QAM	Low	2 120.00	47.49	56.14
		Middle	2 145.00	47.44	55.44
		High	2 170.00	47.43	55.30
	64QAM	Low	2 120.00	47.50	56.20
		Middle	2 145.00	47.42	55.16
		High	2 170.00	47.37	54.61
	256QAM	Low	2 120.00	47.48	56.03
		Middle	2 145.00	47.37	54.53
		High	2 170.00	47.43	55.30

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.40	55.00
		Middle	2 145.00	47.44	55.48
		High	2 170.00	47.34	54.16
	16QAM	Low	2 120.00	47.50	56.25
		Middle	2 145.00	47.33	54.08
		High	2 170.00	47.34	54.26
	64QAM	Low	2 120.00	47.47	55.86
		Middle	2 145.00	47.44	55.53
		High	2 170.00	47.49	56.09
	256QAM	Low	2 120.00	47.44	55.42
		Middle	2 145.00	47.47	55.89
		High	2 170.00	47.47	55.90
3	QPSK	Low	2 120.00	47.43	55.34
		Middle	2 145.00	47.38	54.76
		High	2 170.00	47.44	55.49
	16QAM	Low	2 120.00	47.42	55.21
		Middle	2 145.00	47.45	55.60
		High	2 170.00	47.34	54.24
	64QAM	Low	2 120.00	47.44	55.41
		Middle	2 145.00	47.39	54.83
		High	2 170.00	47.45	55.60
	256QAM	Low	2 120.00	47.42	55.26
		Middle	2 145.00	47.40	54.95
		High	2 170.00	47.38	54.74

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	221.34	222.21	223.51	221.25
2 145.00	221.23	220.26	220.16	219.90
2 170.00	220.72	218.17	222.45	221.94

(2 Port) LTE B66 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
1	QPSK	Low	2 112.50	45.32	34.03
		Middle	2 145.00	45.64	36.61
		High	2 177.50	45.78	37.84
	16QAM	Low	2 112.50	45.15	32.76
		Middle	2 145.00	45.56	36.00
		High	2 177.50	45.60	36.32

(2 Port) LTE B66 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
1	QPSK	Low	2 115.00	48.39	69.04
		Middle	2 145.00	48.50	70.76
		High	2 175.00	48.73	74.68
	16QAM	Low	2 115.00	48.48	70.53
		Middle	2 145.00	48.71	74.39
		High	2 175.00	48.67	73.57

(2 Port) LTE B66 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
1	QPSK	Low	2 117.50	48.52	71.12
		Middle	2 145.00	48.54	71.38
		High	2 172.50	48.72	74.51
	16QAM	Low	2 117.50	48.50	70.84
		Middle	2 145.00	48.58	72.19
		High	2 172.50	48.74	74.75

(2 Port) LTE B66 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
1	QPSK	Low	2 120.00	48.48	70.50
		Middle	2 145.00	48.60	72.41
		High	2 170.00	48.65	73.37
	16QAM	Low	2 120.00	48.56	71.78
		Middle	2 145.00	48.44	69.74
		High	2 170.00	48.68	73.81

(4 Port) LTE B66 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 112.50	42.26	16.81
		Middle	2 145.00	42.48	17.71
		High	2 177.50	42.66	18.45
	16QAM	Low	2 112.50	42.16	16.45
		Middle	2 145.00	42.49	17.76
		High	2 177.50	42.78	18.98

(4 Port) LTE B66 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
3	QPSK	Low	2 115.00	46.28	42.49
		Middle	2 145.00	46.36	43.27
		High	2 175.00	46.22	41.89
	16QAM	Low	2 115.00	46.30	42.64
		Middle	2 145.00	46.31	42.81
		High	2 175.00	46.36	43.23

(4 Port) LTE B66 15 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
3	QPSK	Low	2 117.50	47.56	56.98
		Middle	2 145.00	47.96	62.46
		High	2 172.50	48.04	63.75
	16QAM	Low	2 117.50	47.91	61.80
		Middle	2 145.00	47.99	62.89
		High	2 172.50	47.96	62.52

(4 Port) LTE B66 20 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.03	50.45
		Middle	2 145.00	47.35	54.28
		High	2 170.00	47.44	55.44
	16QAM	Low	2 120.00	47.14	51.74
		Middle	2 145.00	47.30	53.68
		High	2 170.00	47.49	56.17

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 112.50	45.27	33.61
		Middle	2 145.00	45.26	33.57
		High	2 177.50	45.40	34.67
	16QAM	Low	2 112.50	45.21	33.16
		Middle	2 145.00	45.31	33.98
		High	2 177.50	45.22	33.30
	64QAM	Low	2 112.50	45.32	34.06
		Middle	2 145.00	45.30	33.91
		High	2 177.50	45.39	34.57
256QAM	Low	2 112.50	45.32	34.06	
	Middle	2 145.00	45.26	33.57	
	High	2 177.50	45.40	34.67	
1	QPSK	Low	2 112.50	45.62	36.45
		Middle	2 145.00	45.64	36.62
		High	2 177.50	45.50	35.51
	16QAM	Low	2 112.50	45.52	35.67
		Middle	2 145.00	45.66	36.81
		High	2 177.50	45.50	35.52
	64QAM	Low	2 112.50	45.51	35.55
		Middle	2 145.00	45.64	36.65
		High	2 177.50	45.55	35.87
256QAM	Low	2 112.50	45.47	35.21	
	Middle	2 145.00	45.59	36.19	
	High	2 177.50	45.49	35.42	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50	70.06	68.83	69.62	69.28
2 145.00	70.19	70.79	70.56	69.77
2 177.50	70.18	68.82	70.44	70.09

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	48.68	73.74
		Middle	2 145.00	48.28	67.30
		High	2 175.00	48.43	69.60
	16QAM	Low	2 115.00	48.52	71.07
		Middle	2 145.00	48.38	68.85
		High	2 175.00	48.51	70.89
	64QAM	Low	2 115.00	48.49	70.68
		Middle	2 145.00	48.33	68.12
		High	2 175.00	48.50	70.79
	256QAM	Low	2 115.00	48.58	72.06
		Middle	2 145.00	48.39	69.07
		High	2 175.00	48.55	71.65
1	QPSK	Low	2 115.00	48.70	74.10
		Middle	2 145.00	48.56	71.78
		High	2 175.00	48.59	72.26
	16QAM	Low	2 115.00	48.65	73.23
		Middle	2 145.00	48.68	73.72
		High	2 175.00	48.58	72.19
	64QAM	Low	2 115.00	48.55	71.70
		Middle	2 145.00	48.76	75.25
		High	2 175.00	48.61	72.66
	256QAM	Low	2 115.00	48.64	73.15
		Middle	2 145.00	48.72	74.42
		High	2 175.00	48.66	73.47

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00	147.84	144.31	142.38	145.21
2 145.00	139.08	142.57	143.37	143.50
2 175.00	141.86	143.09	143.46	145.12

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	48.28	67.27
		Middle	2 145.00	48.35	68.44
		High	2 172.50	48.35	68.34
	16QAM	Low	2 117.50	48.35	68.41
		Middle	2 145.00	48.48	70.39
		High	2 172.50	48.45	69.98
	64QAM	Low	2 117.50	48.46	70.10
		Middle	2 145.00	48.49	70.57
		High	2 172.50	48.52	71.19
	256QAM	Low	2 117.50	48.36	68.50
		Middle	2 145.00	48.46	70.19
		High	2 172.50	48.44	69.84
1	QPSK	Low	2 117.50	48.49	70.62
		Middle	2 145.00	48.56	71.83
		High	2 172.50	48.61	72.64
	16QAM	Low	2 117.50	48.60	72.38
		Middle	2 145.00	48.62	72.76
		High	2 172.50	48.54	71.52
	64QAM	Low	2 117.50	48.64	73.13
		Middle	2 145.00	48.71	74.39
		High	2 172.50	48.61	72.68
	256QAM	Low	2 117.50	48.57	71.90
		Middle	2 145.00	48.71	74.35
		High	2 172.50	48.58	72.16

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	137.88	140.79	143.23	140.40
2 145.00	140.27	143.15	144.96	144.55
2 172.50	140.99	141.50	143.87	142.00

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	48.39	69.07
		Middle	2 145.00	48.33	68.08
		High	2 170.00	48.42	69.53
	16QAM	Low	2 120.00	48.55	71.61
		Middle	2 145.00	48.40	69.15
		High	2 170.00	48.44	69.90
	64QAM	Low	2 120.00	48.43	69.63
		Middle	2 145.00	48.38	68.90
		High	2 170.00	48.54	71.48
256QAM	Low	2 120.00	48.47	70.29	
	Middle	2 145.00	48.36	68.61	
	High	2 170.00	48.48	70.49	
1	QPSK	Low	2 120.00	48.69	73.89
		Middle	2 145.00	48.63	72.88
		High	2 170.00	48.63	72.96
	16QAM	Low	2 120.00	48.62	72.73
		Middle	2 145.00	48.59	72.31
		High	2 170.00	48.66	73.49
	64QAM	Low	2 120.00	48.66	73.37
		Middle	2 145.00	48.62	72.81
		High	2 170.00	48.65	73.27
256QAM	Low	2 120.00	48.66	73.54	
	Middle	2 145.00	48.63	72.88	
	High	2 170.00	48.67	73.65	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	142.97	144.34	143.00	143.83
2 145.00	140.96	141.46	141.71	141.49
2 170.00	142.50	143.39	144.75	144.14

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 112.50	42.71	18.67
		Middle	2 145.00	42.55	18.00
		High	2 177.50	42.72	18.72
	16QAM	Low	2 112.50	42.49	17.75
		Middle	2 145.00	42.79	19.00
		High	2 177.50	42.83	19.20
	64QAM	Low	2 112.50	42.51	17.81
		Middle	2 145.00	42.93	19.64
		High	2 177.50	42.89	19.47
	256QAM	Low	2 112.50	42.59	18.15
		Middle	2 145.00	42.95	19.73
		High	2 177.50	43.01	20.00
1	QPSK	Low	2 112.50	42.64	18.35
		Middle	2 145.00	42.57	18.09
		High	2 177.50	42.52	17.86
	16QAM	Low	2 112.50	42.55	18.00
		Middle	2 145.00	42.69	18.59
		High	2 177.50	42.64	18.38
	64QAM	Low	2 112.50	42.69	18.58
		Middle	2 145.00	42.75	18.85
		High	2 177.50	42.70	18.61
	256QAM	Low	2 112.50	42.65	18.40
		Middle	2 145.00	42.69	18.58
		High	2 177.50	42.72	18.71

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 112.50	42.37	17.24
		Middle	2 145.00	42.57	18.07
		High	2 177.50	42.44	17.55
	16QAM	Low	2 112.50	42.30	16.99
		Middle	2 145.00	42.85	19.28
		High	2 177.50	42.47	17.65
	64QAM	Low	2 112.50	42.32	17.04
		Middle	2 145.00	43.04	20.12
		High	2 177.50	42.72	18.69
	256QAM	Low	2 112.50	42.34	17.13
		Middle	2 145.00	43.03	20.08
		High	2 177.50	42.66	18.44
3	QPSK	Low	2 112.50	42.76	18.88
		Middle	2 145.00	42.88	19.39
		High	2 177.50	42.50	17.80
	16QAM	Low	2 112.50	42.71	18.67
		Middle	2 145.00	43.08	20.31
		High	2 177.50	42.80	19.04
	64QAM	Low	2 112.50	42.74	18.79
		Middle	2 145.00	43.21	20.92
		High	2 177.50	42.83	19.18
	256QAM	Low	2 112.50	42.80	19.05
		Middle	2 145.00	43.26	21.17
		High	2 177.50	42.83	19.17

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	73.13	71.42	72.22	72.73
2 145.00	73.55	77.18	79.53	79.56
2 177.50	71.92	74.26	75.95	76.33

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	45.88	38.73
		Middle	2 145.00	46.01	39.93
		High	2 175.00	46.01	39.89
	16QAM	Low	2 115.00	46.02	40.03
		Middle	2 145.00	46.02	40.02
		High	2 175.00	46.02	40.04
	64QAM	Low	2 115.00	46.03	40.06
		Middle	2 145.00	46.03	40.11
		High	2 175.00	46.07	40.49
	256QAM	Low	2 115.00	46.12	40.90
		Middle	2 145.00	45.99	39.74
		High	2 175.00	46.06	40.34
1	QPSK	Low	2 115.00	45.87	38.61
		Middle	2 145.00	45.67	36.89
		High	2 175.00	45.67	36.87
	16QAM	Low	2 115.00	45.84	38.37
		Middle	2 145.00	45.70	37.15
		High	2 175.00	45.64	36.67
	64QAM	Low	2 115.00	45.91	39.01
		Middle	2 145.00	45.71	37.24
		High	2 175.00	45.71	37.20
	256QAM	Low	2 115.00	45.86	38.55
		Middle	2 145.00	45.81	38.14
		High	2 175.00	45.73	37.38

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 115.00	46.06	40.36
		Middle	2 145.00	46.17	41.40
		High	2 175.00	45.80	38.05
	16QAM	Low	2 115.00	46.09	40.67
		Middle	2 145.00	46.17	41.41
		High	2 175.00	45.87	38.67
	64QAM	Low	2 115.00	46.09	40.63
		Middle	2 145.00	46.23	41.95
		High	2 175.00	45.81	38.14
	256QAM	Low	2 115.00	46.20	41.67
		Middle	2 145.00	46.11	40.80
		High	2 175.00	45.86	38.55
3	QPSK	Low	2 115.00	46.19	41.62
		Middle	2 145.00	46.16	41.34
		High	2 175.00	46.00	39.85
	16QAM	Low	2 115.00	46.25	42.18
		Middle	2 145.00	46.22	41.90
		High	2 175.00	46.05	40.29
	64QAM	Low	2 115.00	46.24	42.04
		Middle	2 145.00	46.23	41.98
		High	2 175.00	46.01	39.91
	256QAM	Low	2 115.00	46.26	42.26
		Middle	2 145.00	46.25	42.14
		High	2 175.00	46.03	40.09

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	159.32	161.25	161.74	163.37
2 145.00	159.56	160.48	161.28	160.82
2 175.00	154.66	155.67	155.74	156.35

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.88	61.33
		Middle	2 145.00	47.78	59.91
		High	2 172.50	48.09	64.45
	16QAM	Low	2 117.50	47.88	61.42
		Middle	2 145.00	47.90	61.69
		High	2 172.50	48.33	68.08
	64QAM	Low	2 117.50	47.92	61.93
		Middle	2 145.00	47.89	61.55
		High	2 172.50	48.04	63.66
	256QAM	Low	2 117.50	47.95	62.33
		Middle	2 145.00	47.92	61.92
		High	2 172.50	47.77	59.87
1	QPSK	Low	2 117.50	47.37	54.61
		Middle	2 145.00	47.50	56.18
		High	2 172.50	47.64	58.14
	16QAM	Low	2 117.50	47.49	56.08
		Middle	2 145.00	47.45	55.63
		High	2 172.50	47.80	60.27
	64QAM	Low	2 117.50	47.55	56.94
		Middle	2 145.00	47.51	56.31
		High	2 172.50	47.34	54.18
	256QAM	Low	2 117.50	47.51	56.35
		Middle	2 145.00	47.64	58.08
		High	2 172.50	47.07	50.98

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	47.93	62.04
		Middle	2 145.00	48.03	63.49
		High	2 172.50	47.94	62.30
	16QAM	Low	2 117.50	48.00	63.11
		Middle	2 145.00	48.06	63.91
		High	2 172.50	47.93	62.13
	64QAM	Low	2 117.50	47.86	61.07
		Middle	2 145.00	48.13	65.00
		High	2 172.50	47.24	52.95
	256QAM	Low	2 117.50	47.83	60.72
		Middle	2 145.00	48.04	63.65
		High	2 172.50	47.08	51.05
3	QPSK	Low	2 117.50	48.47	70.31
		Middle	2 145.00	48.33	68.03
		High	2 172.50	48.27	67.14
	16QAM	Low	2 117.50	48.39	68.99
		Middle	2 145.00	48.37	68.64
		High	2 172.50	47.85	60.97
	64QAM	Low	2 117.50	48.31	67.69
		Middle	2 145.00	48.38	68.93
		High	2 172.50	47.49	56.05
	256QAM	Low	2 117.50	48.36	68.60
		Middle	2 145.00	48.27	67.08
		High	2 172.50	47.36	54.39

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	248.30	249.60	247.62	247.99
2 145.00	247.61	249.87	251.78	250.72
2 172.50	252.03	251.44	226.85	216.29

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 120.00	47.54	56.81
		Middle	2 145.00	47.40	55.02
		High	2 170.00	47.45	55.65
	16QAM	Low	2 120.00	47.52	56.49
		Middle	2 145.00	47.41	55.07
		High	2 170.00	47.56	57.02
	64QAM	Low	2 120.00	47.54	56.79
		Middle	2 145.00	47.46	55.67
		High	2 170.00	47.53	56.62
	256QAM	Low	2 120.00	47.49	56.12
		Middle	2 145.00	47.41	55.12
		High	2 170.00	47.57	57.16
1	QPSK	Low	2 120.00	47.10	51.27
		Middle	2 145.00	47.42	55.23
		High	2 170.00	47.19	52.41
	16QAM	Low	2 120.00	47.04	50.63
		Middle	2 145.00	47.32	53.96
		High	2 170.00	47.21	52.58
	64QAM	Low	2 120.00	47.05	50.71
		Middle	2 145.00	47.38	54.71
		High	2 170.00	47.22	52.69
	256QAM	Low	2 120.00	47.04	50.64
		Middle	2 145.00	47.35	54.28
		High	2 170.00	47.32	53.94

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.64	58.09
		Middle	2 145.00	47.60	57.49
		High	2 170.00	47.40	54.90
	16QAM	Low	2 120.00	47.55	56.95
		Middle	2 145.00	47.59	57.40
		High	2 170.00	47.55	56.83
	64QAM	Low	2 120.00	47.56	57.06
		Middle	2 145.00	47.53	56.65
		High	2 170.00	47.46	55.76
	256QAM	Low	2 120.00	47.55	56.83
		Middle	2 145.00	47.56	57.02
		High	2 170.00	47.55	56.82
3	QPSK	Low	2 120.00	47.61	57.73
		Middle	2 145.00	47.50	56.22
		High	2 170.00	47.35	54.33
	16QAM	Low	2 120.00	47.57	57.08
		Middle	2 145.00	47.44	55.41
		High	2 170.00	47.37	54.61
	64QAM	Low	2 120.00	47.59	57.36
		Middle	2 145.00	47.46	55.67
		High	2 170.00	47.39	54.76
	256QAM	Low	2 120.00	47.54	56.79
		Middle	2 145.00	47.47	55.81
		High	2 170.00	47.49	56.08

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	223.90	221.16	221.92	220.39
2 145.00	223.96	221.84	222.70	222.22
2 170.00	217.29	221.04	219.83	224.00

Tabular Data of RF Contiguous output power
(2 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	47.28	53.42
		Middle	1 960.00	47.25	53.14
		High	1 982.50	47.14	51.76
	16QAM	Low	1 937.50	47.33	54.08
		Middle	1 960.00	47.17	52.12
		High	1 982.50	47.21	52.58
	64QAM	Low	1 937.50	47.28	53.44
		Middle	1 960.00	47.31	53.84
		High	1 982.50	47.17	52.17
	256QAM	Low	1 937.50	47.25	53.09
		Middle	1 960.00	47.26	53.25
		High	1 982.50	47.21	52.58
1	QPSK	Low	1 937.50	47.23	52.83
		Middle	1 960.00	47.32	53.93
		High	1 982.50	47.08	51.04
	16QAM	Low	1 937.50	47.29	53.62
		Middle	1 960.00	47.22	52.70
		High	1 982.50	47.05	50.72
	64QAM	Low	1 937.50	47.29	53.57
		Middle	1 960.00	47.26	53.19
		High	1 982.50	47.13	51.67
	256QAM	Low	1 937.50	47.27	53.31
		Middle	1 960.00	47.30	53.72
		High	1 982.50	47.12	51.51

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	106.25	107.69	107.01	106.40
1 960.00	107.07	104.82	107.03	106.97
1 982.50	102.80	103.30	103.83	104.09

(4 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 937.50	45.73	37.45
		Middle	1 960.00	45.81	38.14
		High	1 982.50	45.74	37.52
	16QAM	Low	1 937.50	45.77	37.72
		Middle	1 960.00	45.79	37.96
		High	1 982.50	45.77	37.77
	64QAM	Low	1 937.50	45.73	37.41
		Middle	1 960.00	45.74	37.51
		High	1 982.50	45.65	36.73
	256QAM	Low	1 937.50	45.69	37.06
		Middle	1 960.00	45.76	37.66
		High	1 982.50	45.74	37.46
1	QPSK	Low	1 937.50	45.68	36.94
		Middle	1 960.00	45.74	37.47
		High	1 982.50	45.58	36.17
	16QAM	Low	1 937.50	45.69	37.03
		Middle	1 960.00	45.71	37.21
		High	1 982.50	45.63	36.53
	64QAM	Low	1 937.50	45.69	37.06
		Middle	1 960.00	45.79	37.91
		High	1 982.50	45.55	35.88
	256QAM	Low	1 937.50	45.66	36.80
		Middle	1 960.00	45.72	37.33
		High	1 982.50	45.58	36.14

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 937.50	45.68	36.98
		Middle	1 960.00	45.65	36.76
		High	1 982.50	45.49	35.41
	16QAM	Low	1 937.50	45.56	35.96
		Middle	1 960.00	45.61	36.38
		High	1 982.50	45.63	36.59
	64QAM	Low	1 937.50	45.71	37.22
		Middle	1 960.00	45.67	36.87
		High	1 982.50	45.55	35.90
	256QAM	Low	1 937.50	45.65	36.74
		Middle	1 960.00	45.71	37.21
		High	1 982.50	45.57	36.07
3	QPSK	Low	1 937.50	45.49	35.40
		Middle	1 960.00	45.54	35.79
		High	1 982.50	45.51	35.53
	16QAM	Low	1 937.50	45.47	35.25
		Middle	1 960.00	45.56	35.96
		High	1 982.50	45.51	35.56
	64QAM	Low	1 937.50	45.47	35.20
		Middle	1 960.00	45.57	36.04
		High	1 982.50	45.42	34.87
	256QAM	Low	1 937.50	45.53	35.74
		Middle	1 960.00	45.53	35.70
		High	1 982.50	45.44	34.95

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	146.77	145.96	146.90	146.34
1 960.00	148.17	147.51	148.32	147.91
1 982.50	144.64	146.47	143.37	144.62

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	47.18	52.20
		Middle	1 960.00	47.08	51.05
		High	1 985.00	47.25	53.08
	16QAM	Low	1 935.00	47.18	52.19
		Middle	1 960.00	47.20	52.50
		High	1 985.00	47.29	53.53
	64QAM	Low	1 935.00	47.13	51.58
		Middle	1 960.00	47.22	52.70
		High	1 985.00	47.28	53.44
	256QAM	Low	1 935.00	47.16	51.98
		Middle	1 960.00	47.16	51.96
		High	1 985.00	47.34	54.15
1	QPSK	Low	1 935.00	46.91	49.14
		Middle	1 960.00	46.89	48.90
		High	1 985.00	47.01	50.22
	16QAM	Low	1 935.00	46.88	48.72
		Middle	1 960.00	46.89	48.87
		High	1 985.00	47.02	50.36
	64QAM	Low	1 935.00	46.87	48.61
		Middle	1 960.00	46.91	49.07
		High	1 985.00	47.05	50.71
	256QAM	Low	1 935.00	46.87	48.69
		Middle	1 960.00	46.91	49.05
		High	1 985.00	46.93	49.32

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00	101.34	100.91	100.19	100.66
1 960.00	99.95	101.37	101.77	101.01
1 985.00	103.30	103.89	104.15	103.47

(2 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	47.08	50.99
		Middle	1 960.00	47.13	51.64
		High	1 975.00	47.16	52.02
	16QAM	Low	1 945.00	47.08	51.05
		Middle	1 960.00	47.13	51.63
		High	1 975.00	47.16	52.01
	64QAM	Low	1 945.00	47.04	50.58
		Middle	1 960.00	47.07	50.92
		High	1 975.00	47.16	52.06
	256QAM	Low	1 945.00	47.03	50.49
		Middle	1 960.00	47.08	51.02
		High	1 975.00	47.16	51.95
1	QPSK	Low	1 945.00	46.93	49.31
		Middle	1 960.00	46.88	48.73
		High	1 975.00	46.89	48.90
	16QAM	Low	1 945.00	46.89	48.85
		Middle	1 960.00	46.88	48.81
		High	1 975.00	46.92	49.18
	64QAM	Low	1 945.00	46.88	48.73
		Middle	1 960.00	46.88	48.78
		High	1 975.00	46.87	48.64
	256QAM	Low	1 945.00	46.86	48.52
		Middle	1 960.00	46.86	48.48
		High	1 975.00	46.91	49.14

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	100.30	99.90	99.31	99.01
1 960.00	100.37	100.44	99.70	99.50
1 975.00	100.92	101.19	100.70	101.09

(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 935.00	45.50	35.52
		Middle	1 960.00	45.37	34.43
		High	1 985.00	45.52	35.65
	16QAM	Low	1 935.00	45.44	35.02
		Middle	1 960.00	45.53	35.76
		High	1 985.00	45.55	35.86
	64QAM	Low	1 935.00	45.43	34.91
		Middle	1 960.00	45.50	35.46
		High	1 985.00	45.56	35.96
	256QAM	Low	1 935.00	45.47	35.28
		Middle	1 960.00	45.45	35.08
		High	1 985.00	45.62	36.51
1	QPSK	Low	1 935.00	45.25	33.47
		Middle	1 960.00	45.25	33.49
		High	1 985.00	45.36	34.33
	16QAM	Low	1 935.00	45.22	33.29
		Middle	1 960.00	45.32	34.07
		High	1 985.00	45.30	33.88
	64QAM	Low	1 935.00	45.20	33.12
		Middle	1 960.00	45.36	34.32
		High	1 985.00	45.34	34.24
	256QAM	Low	1 935.00	45.28	33.75
		Middle	1 960.00	45.28	33.71
		High	1 985.00	45.30	33.92

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 935.00	45.20	33.11
		Middle	1 960.00	45.20	33.14
		High	1 985.00	45.39	34.59
	16QAM	Low	1 935.00	45.23	33.31
		Middle	1 960.00	45.34	34.22
		High	1 985.00	45.34	34.16
	64QAM	Low	1 935.00	45.24	33.43
		Middle	1 960.00	45.25	33.46
		High	1 985.00	45.40	34.69
	256QAM	Low	1 935.00	45.26	33.54
		Middle	1 960.00	45.20	33.08
		High	1 985.00	45.47	35.24
3	QPSK	Low	1 935.00	45.23	33.30
		Middle	1 960.00	45.12	32.52
		High	1 985.00	45.24	33.41
	16QAM	Low	1 935.00	45.25	33.53
		Middle	1 960.00	45.25	33.54
		High	1 985.00	45.22	33.29
	64QAM	Low	1 935.00	45.18	32.93
		Middle	1 960.00	45.19	33.03
		High	1 985.00	45.36	34.38
	256QAM	Low	1 935.00	45.25	33.48
		Middle	1 960.00	45.15	32.73
		High	1 985.00	45.36	34.36

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	135.41	135.15	134.40	136.05
1 960.00	133.58	137.59	136.27	134.61
1 985.00	137.98	137.19	139.26	140.02

(4 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	45.43	34.89
		Middle	1 960.00	45.39	34.59
		High	1 975.00	45.42	34.85
	16QAM	Low	1 945.00	45.20	33.09
		Middle	1 960.00	45.39	34.59
		High	1 975.00	45.45	35.08
	64QAM	Low	1 945.00	45.32	34.03
		Middle	1 960.00	45.41	34.71
		High	1 975.00	45.51	35.53
	256QAM	Low	1 945.00	45.34	34.19
		Middle	1 960.00	45.40	34.63
		High	1 975.00	45.45	35.09
1	QPSK	Low	1 945.00	45.26	33.57
		Middle	1 960.00	45.21	33.22
		High	1 975.00	45.24	33.44
	16QAM	Low	1 945.00	45.12	32.48
		Middle	1 960.00	45.17	32.92
		High	1 975.00	45.26	33.56
	64QAM	Low	1 945.00	45.19	33.03
		Middle	1 960.00	45.17	32.87
		High	1 975.00	45.28	33.75
	256QAM	Low	1 945.00	45.21	33.17
		Middle	1 960.00	45.20	33.11
		High	1 975.00	45.26	33.56

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.27	33.61
		Middle	1 960.00	45.16	32.81
		High	1 975.00	45.22	33.25
	16QAM	Low	1 945.00	45.12	32.49
		Middle	1 960.00	45.13	32.61
		High	1 975.00	45.24	33.39
	64QAM	Low	1 945.00	45.13	32.61
		Middle	1 960.00	45.19	33.04
		High	1 975.00	45.32	34.02
	256QAM	Low	1 945.00	45.17	32.89
		Middle	1 960.00	45.19	33.01
		High	1 975.00	45.32	34.03
3	QPSK	Low	1 945.00	45.13	32.61
		Middle	1 960.00	45.15	32.76
		High	1 975.00	45.16	32.84
	16QAM	Low	1 945.00	45.10	32.37
		Middle	1 960.00	45.19	33.01
		High	1 975.00	45.22	33.25
	64QAM	Low	1 945.00	45.11	32.46
		Middle	1 960.00	45.12	32.51
		High	1 975.00	45.27	33.63
	256QAM	Low	1 945.00	45.16	32.79
		Middle	1 960.00	45.15	32.75
		High	1 975.00	45.26	33.58

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	134.67	130.42	132.13	133.04
1 960.00	133.37	133.12	133.13	133.50
1 975.00	134.38	135.28	136.93	136.26

(2 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	48.32	67.92
		Middle	2 145.00	49.17	82.55
		High	2 172.50	49.28	84.70
	16QAM	Low	2 117.50	48.28	67.27
		Middle	2 145.00	49.24	83.98
		High	2 172.50	49.21	83.33
	64QAM	Low	2 117.50	48.28	67.31
		Middle	2 145.00	49.28	84.68
		High	2 172.50	49.20	83.23
	256QAM	Low	2 117.50	48.95	78.43
		Middle	2 145.00	49.27	84.47
		High	2 172.50	49.22	83.54
1	QPSK	Low	2 117.50	48.49	70.57
		Middle	2 145.00	48.47	70.37
		High	2 172.50	48.52	71.15
	16QAM	Low	2 117.50	48.16	65.52
		Middle	2 145.00	48.55	71.66
		High	2 172.50	48.58	72.16
	64QAM	Low	2 117.50	48.32	67.97
		Middle	2 145.00	48.57	71.91
		High	2 172.50	48.55	71.55
	256QAM	Low	2 117.50	48.55	71.68
		Middle	2 145.00	48.58	72.04
		High	2 172.50	48.52	71.09

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 117.50	138.49	132.79	135.28	150.11
2 145.00	152.92	155.65	156.60	156.51
2 172.50	155.86	155.49	154.78	154.63

(4 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.93	62.14
		Middle	2 145.00	48.28	67.30
		High	2 172.50	48.22	66.36
	16QAM	Low	2 117.50	47.71	59.06
		Middle	2 145.00	48.22	66.30
		High	2 172.50	48.13	64.98
	64QAM	Low	2 117.50	47.94	62.17
		Middle	2 145.00	48.14	65.22
		High	2 172.50	48.34	68.23
	256QAM	Low	2 117.50	47.99	62.89
		Middle	2 145.00	48.17	65.69
		High	2 172.50	48.07	64.11
1	QPSK	Low	2 117.50	47.47	55.86
		Middle	2 145.00	47.52	56.44
		High	2 172.50	47.42	55.27
	16QAM	Low	2 117.50	47.52	56.47
		Middle	2 145.00	47.50	56.18
		High	2 172.50	47.52	56.48
	64QAM	Low	2 117.50	47.48	55.91
		Middle	2 145.00	47.62	57.85
		High	2 172.50	47.52	56.48
	256QAM	Low	2 117.50	47.45	55.60
		Middle	2 145.00	47.57	57.21
		High	2 172.50	47.54	56.75

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	47.44	55.45
		Middle	2 145.00	47.59	57.46
		High	2 172.50	47.56	57.04
	16QAM	Low	2 117.50	47.49	56.12
		Middle	2 145.00	47.62	57.74
		High	2 172.50	47.57	57.08
	64QAM	Low	2 117.50	47.52	56.47
		Middle	2 145.00	47.62	57.77
		High	2 172.50	47.66	58.36
	256QAM	Low	2 117.50	47.65	58.18
		Middle	2 145.00	47.63	57.92
		High	2 172.50	47.64	58.13
3	QPSK	Low	2 117.50	47.48	56.01
		Middle	2 145.00	47.54	56.82
		High	2 172.50	47.49	56.08
	16QAM	Low	2 117.50	47.53	56.65
		Middle	2 145.00	47.58	57.21
		High	2 172.50	47.62	57.81
	64QAM	Low	2 117.50	47.63	57.94
		Middle	2 145.00	47.58	57.28
		High	2 172.50	47.59	57.36
	256QAM	Low	2 117.50	47.64	58.10
		Middle	2 145.00	47.60	57.50
		High	2 172.50	47.58	57.23

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	229.47	228.30	232.49	234.78
2 145.00	238.02	237.44	238.12	238.32
2 172.50	234.75	236.36	240.43	236.22

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 115.00	48.28	67.25
		Middle	2 145.00	48.30	67.62
		High	2 175.00	48.33	68.03
	16QAM	Low	2 115.00	48.45	69.92
		Middle	2 145.00	48.30	67.62
		High	2 175.00	48.19	65.96
	64QAM	Low	2 115.00	48.37	68.64
		Middle	2 145.00	48.32	67.97
		High	2 175.00	48.18	65.78
	256QAM	Low	2 115.00	48.46	70.18
		Middle	2 145.00	48.23	66.48
		High	2 175.00	48.42	69.42
1	QPSK	Low	2 115.00	48.52	71.07
		Middle	2 145.00	48.60	72.36
		High	2 175.00	48.55	71.66
	16QAM	Low	2 115.00	48.54	71.38
		Middle	2 145.00	48.58	72.04
		High	2 175.00	48.52	71.20
	64QAM	Low	2 115.00	48.51	70.94
		Middle	2 145.00	48.53	71.20
		High	2 175.00	48.61	72.66
	256QAM	Low	2 115.00	48.54	71.52
		Middle	2 145.00	48.56	71.75
		High	2 175.00	48.51	71.04

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00	138.33	141.31	139.59	141.70
2 145.00	139.99	139.67	139.17	138.23
2 175.00	139.70	137.17	138.44	140.46

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	48.35	68.42
		Middle	2 145.00	48.29	67.42
		High	2 160.00	48.32	67.94
	16QAM	Low	2 130.00	48.35	68.47
		Middle	2 145.00	48.30	67.61
		High	2 160.00	48.37	68.66
	64QAM	Low	2 130.00	48.11	64.65
		Middle	2 145.00	48.31	67.78
		High	2 160.00	48.37	68.64
256QAM	Low	2 130.00	48.35	68.33	
	Middle	2 145.00	48.25	66.90	
	High	2 160.00	48.55	71.53	
1	QPSK	Low	2 130.00	48.59	72.28
		Middle	2 145.00	48.60	72.49
		High	2 160.00	48.58	72.04
	16QAM	Low	2 130.00	48.62	72.79
		Middle	2 145.00	48.59	72.36
		High	2 160.00	48.66	73.52
	64QAM	Low	2 130.00	48.63	73.01
		Middle	2 145.00	48.56	71.86
		High	2 160.00	48.67	73.57
256QAM	Low	2 130.00	48.61	72.59	
	Middle	2 145.00	48.59	72.21	
	High	2 160.00	48.69	73.94	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	140.70	141.27	137.67	140.92
2 145.00	139.92	139.97	139.64	139.11
2 160.00	139.98	142.18	142.22	145.48

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 117.50	47.19	52.40
		Middle	2 145.00	47.22	52.72
		High	2 172.50	47.41	55.02
	16QAM	Low	2 117.50	47.29	53.63
		Middle	2 145.00	47.28	53.42
		High	2 172.50	47.48	55.92
	64QAM	Low	2 117.50	47.28	53.44
		Middle	2 145.00	47.34	54.26
		High	2 172.50	47.43	55.37
	256QAM	Low	2 117.50	47.35	54.34
		Middle	2 145.00	47.34	54.14
		High	2 172.50	47.44	55.48
1	QPSK	Low	2 117.50	47.43	55.31
		Middle	2 145.00	47.44	55.51
		High	2 172.50	47.59	57.41
	16QAM	Low	2 117.50	47.35	54.33
		Middle	2 145.00	47.53	56.65
		High	2 172.50	47.61	57.72
	64QAM	Low	2 117.50	47.33	54.11
		Middle	2 145.00	47.56	57.04
		High	2 172.50	47.55	56.89
	256QAM	Low	2 117.50	47.44	55.44
		Middle	2 145.00	47.54	56.78
		High	2 172.50	47.60	57.56

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 117.50	47.27	53.32
		Middle	2 145.00	47.39	54.85
		High	2 172.50	47.39	54.79
	16QAM	Low	2 117.50	47.25	53.09
		Middle	2 145.00	47.45	55.60
		High	2 172.50	47.45	55.64
	64QAM	Low	2 117.50	47.30	53.75
		Middle	2 145.00	47.52	56.53
		High	2 172.50	47.38	54.76
	256QAM	Low	2 117.50	47.36	54.49
		Middle	2 145.00	47.44	55.50
		High	2 172.50	47.46	55.74
3	QPSK	Low	2 117.50	47.32	53.99
		Middle	2 145.00	47.29	53.54
		High	2 172.50	47.31	53.84
	16QAM	Low	2 117.50	47.19	52.41
		Middle	2 145.00	47.31	53.81
		High	2 172.50	47.32	53.91
	64QAM	Low	2 117.50	47.36	54.49
		Middle	2 145.00	47.35	54.30
		High	2 172.50	47.27	53.36
	256QAM	Low	2 117.50	47.41	55.11
		Middle	2 145.00	47.34	54.16
		High	2 172.50	47.35	54.28

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	215.02	213.45	215.80	219.37
2 145.00	216.63	219.49	222.14	220.58
2 172.50	221.06	223.20	220.38	223.05

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

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.18	52.24
		Middle	2 145.00	47.09	51.11
		High	2 160.00	47.05	50.70
	16QAM	Low	2 130.00	47.20	52.48
		Middle	2 145.00	47.06	50.79
		High	2 160.00	47.13	51.65
	64QAM	Low	2 130.00	47.25	53.14
		Middle	2 145.00	47.09	51.16
		High	2 160.00	47.13	51.63
	256QAM	Low	2 130.00	47.21	52.63
		Middle	2 145.00	47.07	50.96
		High	2 160.00	47.17	52.14
1	QPSK	Low	2 130.00	47.30	53.65
		Middle	2 145.00	47.15	51.84
		High	2 160.00	47.22	52.77
	16QAM	Low	2 130.00	47.20	52.42
		Middle	2 145.00	47.18	52.23
		High	2 160.00	47.18	52.18
	64QAM	Low	2 130.00	47.25	53.14
		Middle	2 145.00	47.18	52.20
		High	2 160.00	47.24	52.97
	256QAM	Low	2 130.00	47.27	53.36
		Middle	2 145.00	47.22	52.76
		High	2 160.00	47.17	52.13

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.25	53.11
		Middle	2 145.00	47.25	53.09
		High	2 160.00	47.19	52.35
	16QAM	Low	2 130.00	47.16	51.96
		Middle	2 145.00	47.15	51.86
		High	2 160.00	47.17	52.08
	64QAM	Low	2 130.00	47.26	53.16
		Middle	2 145.00	47.25	53.08
		High	2 160.00	47.16	52.06
	256QAM	Low	2 130.00	47.25	53.11
		Middle	2 145.00	47.23	52.81
		High	2 160.00	47.19	52.32
3	QPSK	Low	2 130.00	47.07	50.97
		Middle	2 145.00	47.08	51.05
		High	2 160.00	47.13	51.63
	16QAM	Low	2 130.00	47.08	51.09
		Middle	2 145.00	47.13	51.59
		High	2 160.00	47.05	50.71
	64QAM	Low	2 130.00	47.07	50.96
		Middle	2 145.00	47.08	51.03
		High	2 160.00	47.12	51.55
	256QAM	Low	2 130.00	47.08	51.07
		Middle	2 145.00	47.03	50.48
		High	2 160.00	47.10	51.30

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	209.97	207.95	210.39	210.17
2 145.00	207.09	206.47	207.46	207.00
2 160.00	207.45	206.63	208.20	207.90

(2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	46.98	49.85
		Middle	1 960.00	47.20	52.53
		High	1 975.00	47.25	53.13
	16QAM	Low	1 945.00	47.04	50.52
		Middle	1 960.00	47.17	52.11
		High	1 975.00	47.22	52.75
	64QAM	Low	1 945.00	46.97	49.74
		Middle	1 960.00	47.16	52.01
		High	1 975.00	47.18	52.29
	256QAM	Low	1 945.00	46.94	49.45
		Middle	1 960.00	47.16	52.06
		High	1 975.00	47.22	52.75
1	QPSK	Low	1 945.00	47.02	50.32
		Middle	1 960.00	47.20	52.48
		High	1 975.00	47.18	52.19
	16QAM	Low	1 945.00	47.02	50.41
		Middle	1 960.00	47.21	52.61
		High	1 975.00	47.15	51.84
	64QAM	Low	1 945.00	47.09	51.12
		Middle	1 960.00	47.17	52.10
		High	1 975.00	47.21	52.60
	256QAM	Low	1 945.00	47.04	50.57
		Middle	1 960.00	47.22	52.69
		High	1 975.00	47.12	51.48

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	100.17	100.93	100.86	100.03
1 960.00	105.01	104.72	104.11	104.75
1 975.00	105.32	104.59	104.89	104.22

(4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	1 945.00	45.33	34.09
		Middle	1 960.00	45.56	35.94
		High	1 975.00	45.69	37.04
	16QAM	Low	1 945.00	45.31	33.92
		Middle	1 960.00	45.67	36.94
		High	1 975.00	45.74	37.48
	64QAM	Low	1 945.00	45.35	34.27
		Middle	1 960.00	45.54	35.83
		High	1 975.00	45.68	37.00
	256QAM	Low	1 945.00	45.33	34.11
		Middle	1 960.00	45.58	36.16
		High	1 975.00	45.68	36.98
1	QPSK	Low	1 945.00	45.43	34.89
		Middle	1 960.00	45.51	35.60
		High	1 975.00	45.61	36.43
	16QAM	Low	1 945.00	45.37	34.42
		Middle	1 960.00	45.67	36.89
		High	1 975.00	45.63	36.55
	64QAM	Low	1 945.00	45.44	35.00
		Middle	1 960.00	45.63	36.58
		High	1 975.00	45.59	36.23
	256QAM	Low	1 945.00	45.44	34.97
		Middle	1 960.00	45.58	36.12
		High	1 975.00	45.60	36.33

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.34	34.21
		Middle	1 960.00	45.39	34.59
		High	1 975.00	45.62	36.50
	16QAM	Low	1 945.00	45.32	34.08
		Middle	1 960.00	45.61	36.43
		High	1 975.00	45.56	35.94
	64QAM	Low	1 945.00	45.36	34.34
		Middle	1 960.00	45.14	32.68
		High	1 975.00	45.50	35.47
	256QAM	Low	1 945.00	45.34	34.21
		Middle	1 960.00	45.08	32.19
		High	1 975.00	45.47	35.20
3	QPSK	Low	1 945.00	45.15	32.70
		Middle	1 960.00	45.32	34.05
		High	1 975.00	45.45	35.04
	16QAM	Low	1 945.00	45.11	32.44
		Middle	1 960.00	45.56	35.96
		High	1 975.00	45.61	36.39
	64QAM	Low	1 945.00	45.13	32.56
		Middle	1 960.00	45.29	33.82
		High	1 975.00	45.47	35.20
	256QAM	Low	1 945.00	45.17	32.88
		Middle	1 960.00	45.21	33.17
		High	1 975.00	45.47	35.22

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	135.90	134.86	136.17	136.17
1 960.00	140.18	146.22	138.91	137.64
1 975.00	145.01	146.36	143.91	143.74

(2 Port) LTE B2 5 MHz 1 Carrier + LTE B2 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	47.22	52.72
		Middle	1 960.00	47.14	51.80
		High	1 982.50	47.35	54.35
	16QAM	Low	1 937.50	47.18	52.22
		Middle	1 960.00	47.17	52.06
		High	1 982.50	47.34	54.24
	64QAM	Low	1 937.50	47.20	52.48
		Middle	1 960.00	47.21	52.57
		High	1 982.50	47.31	53.86
256QAM	Low	1 937.50	47.18	52.26	
	Middle	1 960.00	47.25	53.13	
	High	1 982.50	47.38	54.68	
1	QPSK	Low	1 937.50	46.99	50.04
		Middle	1 960.00	47.07	50.92
		High	1 982.50	47.10	51.31
	16QAM	Low	1 937.50	47.00	50.07
		Middle	1 960.00	47.05	50.71
		High	1 982.50	47.05	50.70
	64QAM	Low	1 937.50	46.97	49.82
		Middle	1 960.00	47.06	50.77
		High	1 982.50	47.09	51.19
256QAM	Low	1 937.50	47.00	50.07	
	Middle	1 960.00	47.09	51.16	
	High	1 982.50	47.12	51.55	

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 937.50	102.76	102.29	102.30	102.34
1 960.00	102.72	102.77	103.33	104.28
1 982.50	105.66	104.94	105.06	106.22

(2 Port) LTE B2 5 MHz 1 Carrier + LTE B2 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	46.96	49.69
		Middle	1 960.00	47.14	51.78
		High	1 975.00	47.21	52.64
	16QAM	Low	1 945.00	47.03	50.41
		Middle	1 960.00	47.10	51.27
		High	1 975.00	47.21	52.60
	64QAM	Low	1 945.00	47.02	50.41
		Middle	1 960.00	47.15	51.88
		High	1 975.00	47.23	52.87
	256QAM	Low	1 945.00	47.06	50.84
		Middle	1 960.00	47.16	51.98
		High	1 975.00	47.21	52.64
1	QPSK	Low	1 945.00	46.89	48.85
		Middle	1 960.00	46.93	49.31
		High	1 975.00	47.02	50.32
	16QAM	Low	1 945.00	46.91	49.07
		Middle	1 960.00	46.99	49.95
		High	1 975.00	46.99	50.00
	64QAM	Low	1 945.00	46.88	48.73
		Middle	1 960.00	46.96	49.61
		High	1 975.00	47.05	50.71
	256QAM	Low	1 945.00	46.88	48.72
		Middle	1 960.00	46.95	49.57
		High	1 975.00	46.97	49.73

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 945.00	98.55	99.48	99.14	99.56
1 960.00	101.09	101.22	101.49	101.54
1 975.00	102.95	102.61	103.58	102.37

(4 Port) LTE B2 5 MHz 1 Carrier + LTE B2 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	45.54	35.84
		Middle	1 960.00	45.44	34.99
		High	1 982.50	45.62	36.45
	16QAM	Low	1 937.50	45.50	35.51
		Middle	1 960.00	45.53	35.74
		High	1 982.50	45.65	36.70
	64QAM	Low	1 937.50	45.58	36.15
		Middle	1 960.00	45.50	35.46
		High	1 982.50	45.62	36.45
	256QAM	Low	1 937.50	45.57	36.07
		Middle	1 960.00	45.45	35.05
		High	1 982.50	45.67	36.89
1	QPSK	Low	1 937.50	45.32	34.06
		Middle	1 960.00	45.31	33.95
		High	1 982.50	45.33	34.15
	16QAM	Low	1 937.50	45.32	34.03
		Middle	1 960.00	45.42	34.81
		High	1 982.50	45.30	33.89
	64QAM	Low	1 937.50	45.27	33.64
		Middle	1 960.00	45.35	34.28
		High	1 982.50	45.37	34.40
	256QAM	Low	1 937.50	45.31	33.97
		Middle	1 960.00	45.37	34.40
		High	1 982.50	45.36	34.36

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 937.50	45.33	34.14
		Middle	1 960.00	45.35	34.25
		High	1 982.50	45.36	34.40
	16QAM	Low	1 937.50	45.33	34.14
		Middle	1 960.00	45.43	34.88
		High	1 982.50	45.38	34.51
	64QAM	Low	1 937.50	45.30	33.90
		Middle	1 960.00	45.27	33.65
		High	1 982.50	45.42	34.87
	256QAM	Low	1 937.50	45.30	33.90
		Middle	1 960.00	45.30	33.90
		High	1 982.50	45.38	34.48
3	QPSK	Low	1 937.50	45.26	33.57
		Middle	1 960.00	45.23	33.33
		High	1 982.50	45.27	33.65
	16QAM	Low	1 937.50	45.31	33.96
		Middle	1 960.00	45.28	33.72
		High	1 982.50	45.27	33.62
	64QAM	Low	1 937.50	45.30	33.90
		Middle	1 960.00	45.31	33.93
		High	1 982.50	45.29	33.80
	256QAM	Low	1 937.50	45.17	32.91
		Middle	1 960.00	45.28	33.73
		High	1 982.50	45.31	33.92

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	137.62	137.64	137.59	136.85
1 960.00	136.51	139.15	137.32	137.08
1 982.50	138.65	138.73	139.52	139.66

(4 Port) LTE B2 5 MHz 1 Carrier + LTE B2 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	45.36	34.38
		Middle	1 960.00	45.48	35.31
		High	1 975.00	45.52	35.62
	16QAM	Low	1 945.00	45.32	34.06
		Middle	1 960.00	45.51	35.55
		High	1 975.00	45.61	36.36
	64QAM	Low	1 945.00	45.33	34.10
		Middle	1 960.00	45.48	35.29
		High	1 975.00	45.58	36.11
	256QAM	Low	1 945.00	45.29	33.81
		Middle	1 960.00	45.52	35.66
		High	1 975.00	45.60	36.34
1	QPSK	Low	1 945.00	45.17	32.92
		Middle	1 960.00	45.28	33.75
		High	1 975.00	45.29	33.84
	16QAM	Low	1 945.00	45.18	32.95
		Middle	1 960.00	45.29	33.83
		High	1 975.00	45.34	34.23
	64QAM	Low	1 945.00	45.16	32.79
		Middle	1 960.00	45.28	33.77
		High	1 975.00	45.36	34.36
	256QAM	Low	1 945.00	45.13	32.56
		Middle	1 960.00	45.34	34.19
		High	1 975.00	45.37	34.43

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	1 945.00	45.14	32.67
		Middle	1 960.00	45.29	33.78
		High	1 975.00	45.26	33.60
	16QAM	Low	1 945.00	45.13	32.57
		Middle	1 960.00	45.24	33.38
		High	1 975.00	45.34	34.21
	64QAM	Low	1 945.00	45.12	32.49
		Middle	1 960.00	45.30	33.87
		High	1 975.00	45.31	33.98
	256QAM	Low	1 945.00	45.10	32.39
		Middle	1 960.00	45.28	33.74
		High	1 975.00	45.38	34.54
3	QPSK	Low	1 945.00	45.11	32.46
		Middle	1 960.00	45.27	33.65
		High	1 975.00	45.26	33.55
	16QAM	Low	1 945.00	45.12	32.49
		Middle	1 960.00	45.26	33.60
		High	1 975.00	45.25	33.49
	64QAM	Low	1 945.00	45.14	32.67
		Middle	1 960.00	45.28	33.71
		High	1 975.00	45.32	34.01
	256QAM	Low	1 945.00	45.11	32.43
		Middle	1 960.00	45.22	33.27
		High	1 975.00	45.31	33.93

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	132.43	132.07	132.04	131.19
1 960.00	136.49	136.36	136.64	136.85
1 975.00	136.61	138.28	138.46	139.25

**(2 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier
[4 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	49.19	82.95
		Middle	2 145.00	49.13	81.94
		High	2 160.00	48.31	67.72
	16QAM	Low	2 130.00	49.14	82.09
		Middle	2 145.00	49.16	82.49
		High	2 160.00	49.16	82.34
	64QAM	Low	2 130.00	49.08	80.89
		Middle	2 145.00	49.14	81.94
		High	2 160.00	49.17	82.58
	256QAM	Low	2 130.00	49.07	80.63
		Middle	2 145.00	49.12	81.60
		High	2 160.00	49.16	82.51
1	QPSK	Low	2 130.00	48.55	71.58
		Middle	2 145.00	48.57	71.96
		High	2 160.00	48.54	71.37
	16QAM	Low	2 130.00	48.54	71.38
		Middle	2 145.00	48.55	71.61
		High	2 160.00	48.54	71.43
	64QAM	Low	2 130.00	48.55	71.66
		Middle	2 145.00	48.59	72.33
		High	2 160.00	48.60	72.49
	256QAM	Low	2 130.00	48.54	71.38
		Middle	2 145.00	48.60	72.49
		High	2 160.00	48.56	71.73

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	154.53	153.48	152.55	152.01
2 145.00	153.90	154.10	154.27	154.10
2 160.00	139.08	153.77	155.08	154.24

**(4 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier
[4 Carrier]**

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	2 130.00	47.25	53.04
		Middle	2 145.00	47.18	52.22
		High	2 160.00	47.16	52.04
	16QAM	Low	2 130.00	47.36	54.41
		Middle	2 145.00	47.22	52.78
		High	2 160.00	47.19	52.32
	64QAM	Low	2 130.00	47.28	53.42
		Middle	2 145.00	47.19	52.37
		High	2 160.00	47.14	51.77
	256QAM	Low	2 130.00	47.22	52.71
		Middle	2 145.00	47.13	51.64
		High	2 160.00	47.18	52.18
1	QPSK	Low	2 130.00	47.23	52.87
		Middle	2 145.00	47.20	52.50
		High	2 160.00	47.17	52.14
	16QAM	Low	2 130.00	47.25	53.14
		Middle	2 145.00	47.24	52.99
		High	2 160.00	47.23	52.80
	64QAM	Low	2 130.00	47.23	52.82
		Middle	2 145.00	47.21	52.63
		High	2 160.00	47.21	52.59
	256QAM	Low	2 130.00	47.22	52.74
		Middle	2 145.00	47.24	53.00
		High	2 160.00	47.21	52.58

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.15	51.90
		Middle	2 145.00	47.31	53.79
		High	2 160.00	47.17	52.07
	16QAM	Low	2 130.00	47.19	52.36
		Middle	2 145.00	47.19	52.38
		High	2 160.00	47.33	54.01
	64QAM	Low	2 130.00	47.18	52.20
		Middle	2 145.00	47.16	51.95
		High	2 160.00	47.29	53.64
	256QAM	Low	2 130.00	47.29	53.63
		Middle	2 145.00	47.28	53.48
		High	2 160.00	47.31	53.78
3	QPSK	Low	2 130.00	47.23	52.88
		Middle	2 145.00	47.27	53.28
		High	2 160.00	47.28	53.43
	16QAM	Low	2 130.00	47.35	54.33
		Middle	2 145.00	47.28	53.46
		High	2 160.00	47.30	53.67
	64QAM	Low	2 130.00	47.34	54.18
		Middle	2 145.00	47.24	53.00
		High	2 160.00	47.27	53.33
	256QAM	Low	2 130.00	47.30	53.64
		Middle	2 145.00	47.22	52.72
		High	2 160.00	47.25	53.15

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	210.69	214.24	212.62	212.72
2 145.00	211.79	211.62	209.95	210.85
2 160.00	209.68	212.80	211.34	211.68

(2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 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	48.50	70.76
		Middle	2 145.00	48.29	67.48
		High	2 170.00	48.32	67.92
	16QAM	Low	2 120.00	48.50	70.73
		Middle	2 145.00	48.28	67.34
		High	2 170.00	48.39	68.98
	64QAM	Low	2 120.00	48.41	69.34
		Middle	2 145.00	48.27	67.10
		High	2 170.00	48.42	69.50
	256QAM	Low	2 120.00	48.36	68.61
		Middle	2 145.00	48.30	67.61
		High	2 170.00	48.37	68.74
1	QPSK	Low	2 120.00	48.65	73.37
		Middle	2 145.00	48.58	72.16
		High	2 170.00	48.57	72.03
	16QAM	Low	2 120.00	48.62	72.76
		Middle	2 145.00	48.56	71.80
		High	2 170.00	48.61	72.61
	64QAM	Low	2 120.00	48.58	72.14
		Middle	2 145.00	48.60	72.46
		High	2 170.00	48.58	72.18
	256QAM	Low	2 120.00	48.53	71.24
		Middle	2 145.00	48.57	71.98
		High	2 170.00	48.61	72.58

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00	144.13	143.49	141.49	139.85
2 145.00	139.65	139.14	139.56	139.59
2 170.00	139.95	141.59	141.68	141.32

(2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 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	48.19	65.90
		Middle	2 145.00	48.44	69.78
		High	2 160.00	48.49	70.60
	16QAM	Low	2 130.00	48.36	68.50
		Middle	2 145.00	48.26	67.00
		High	2 160.00	48.44	69.79
	64QAM	Low	2 130.00	48.39	68.96
		Middle	2 145.00	48.41	69.37
		High	2 160.00	48.43	69.63
	256QAM	Low	2 130.00	48.38	68.94
		Middle	2 145.00	48.43	69.63
		High	2 160.00	48.40	69.14
1	QPSK	Low	2 130.00	48.43	69.71
		Middle	2 145.00	48.67	73.64
		High	2 160.00	48.60	72.39
	16QAM	Low	2 130.00	48.51	70.91
		Middle	2 145.00	48.63	72.88
		High	2 160.00	48.59	72.34
	64QAM	Low	2 130.00	48.56	71.76
		Middle	2 145.00	48.58	72.04
		High	2 160.00	48.62	72.73
	256QAM	Low	2 130.00	48.56	71.76
		Middle	2 145.00	48.62	72.74
		High	2 160.00	48.58	72.18

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 130.00	135.62	139.41	140.73	140.71
2 145.00	143.41	139.88	141.42	142.38
2 160.00	142.99	142.14	142.36	141.31

(4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 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	47.38	54.64
		Middle	2 145.00	47.15	51.89
		High	2 170.00	47.49	56.12
	16QAM	Low	2 120.00	47.42	55.23
		Middle	2 145.00	47.36	54.45
		High	2 170.00	47.47	55.86
	64QAM	Low	2 120.00	47.35	54.34
		Middle	2 145.00	47.42	55.26
		High	2 170.00	47.50	56.20
	256QAM	Low	2 120.00	47.49	56.14
		Middle	2 145.00	47.37	54.54
		High	2 170.00	47.55	56.86
1	QPSK	Low	2 120.00	47.54	56.77
		Middle	2 145.00	47.54	56.72
		High	2 170.00	47.56	57.07
	16QAM	Low	2 120.00	47.58	57.24
		Middle	2 145.00	47.52	56.47
		High	2 170.00	47.56	57.02
	64QAM	Low	2 120.00	47.54	56.82
		Middle	2 145.00	47.55	56.89
		High	2 170.00	47.61	57.62
	256QAM	Low	2 120.00	47.55	56.82
		Middle	2 145.00	47.55	56.90
		High	2 170.00	47.67	58.53

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 120.00	47.37	54.58
		Middle	2 145.00	47.54	56.70
		High	2 170.00	47.46	55.67
	16QAM	Low	2 120.00	47.49	56.14
		Middle	2 145.00	47.51	56.36
		High	2 170.00	47.44	55.42
	64QAM	Low	2 120.00	47.43	55.27
		Middle	2 145.00	47.51	56.36
		High	2 170.00	47.45	55.63
	256QAM	Low	2 120.00	47.43	55.31
		Middle	2 145.00	47.62	57.81
		High	2 170.00	47.47	55.87
3	QPSK	Low	2 120.00	47.46	55.67
		Middle	2 145.00	47.44	55.49
		High	2 170.00	47.39	54.85
	16QAM	Low	2 120.00	47.49	56.14
		Middle	2 145.00	47.40	54.94
		High	2 170.00	47.35	54.33
	64QAM	Low	2 120.00	47.42	55.18
		Middle	2 145.00	47.44	55.48
		High	2 170.00	47.41	55.08
	256QAM	Low	2 120.00	47.47	55.89
		Middle	2 145.00	47.42	55.17
		High	2 170.00	47.42	55.23

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	221.65	224.76	221.61	224.16
2 145.00	220.80	222.22	223.98	224.42
2 170.00	223.71	222.63	224.53	226.50

**(4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 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	47.04	50.56
		Middle	2 145.00	46.90	48.97
		High	2 160.00	46.97	49.77
	16QAM	Low	2 130.00	47.06	50.86
		Middle	2 145.00	46.99	49.98
		High	2 160.00	47.03	50.44
	64QAM	Low	2 130.00	46.96	49.64
		Middle	2 145.00	47.02	50.34
		High	2 160.00	47.08	51.00
	256QAM	Low	2 130.00	46.98	49.92
		Middle	2 145.00	47.02	50.36
		High	2 160.00	47.07	50.98
1	QPSK	Low	2 130.00	47.12	51.50
		Middle	2 145.00	47.08	51.03
		High	2 160.00	47.07	50.93
	16QAM	Low	2 130.00	47.07	50.94
		Middle	2 145.00	47.14	51.80
		High	2 160.00	47.15	51.92
	64QAM	Low	2 130.00	47.06	50.84
		Middle	2 145.00	47.15	51.83
		High	2 160.00	47.23	52.87
	256QAM	Low	2 130.00	47.09	51.13
		Middle	2 145.00	47.17	52.12
		High	2 160.00	47.13	51.67

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	2 130.00	47.07	50.97
		Middle	2 145.00	47.01	50.26
		High	2 160.00	47.06	50.83
	16QAM	Low	2 130.00	46.99	49.99
		Middle	2 145.00	47.05	50.70
		High	2 160.00	47.16	52.02
	64QAM	Low	2 130.00	47.04	50.61
		Middle	2 145.00	47.11	51.43
		High	2 160.00	47.19	52.41
	256QAM	Low	2 130.00	46.97	49.75
		Middle	2 145.00	47.07	50.89
		High	2 160.00	47.13	51.61
3	QPSK	Low	2 130.00	47.03	50.50
		Middle	2 145.00	47.03	50.42
		High	2 160.00	46.99	50.01
	16QAM	Low	2 130.00	47.03	50.45
		Middle	2 145.00	47.04	50.59
		High	2 160.00	47.07	50.87
	64QAM	Low	2 130.00	46.97	49.80
		Middle	2 145.00	47.09	51.18
		High	2 160.00	47.11	51.45
	256QAM	Low	2 130.00	46.94	49.45
		Middle	2 145.00	47.03	50.41
		High	2 160.00	47.02	50.36

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	203.53	202.25	200.88	200.26
2 145.00	200.67	203.07	204.78	203.78
2 160.00	201.55	205.26	207.73	204.61

Tabular Data of RF Non-Contiguous output power
(2 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B2 DSS 10 MHz 9to1		LTE B2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	42.49	1 985.00	45.35	47.16	52.01
	16QAM	1 932.50	42.43	1 985.00	45.33	47.13	51.61
	64QAM	1 932.50	42.47	1 985.00	45.35	47.15	51.91
	256QAM	1 932.50	42.49	1 985.00	45.47	47.24	52.94
1	QPSK	1 932.50	42.57	1 985.00	45.27	47.13	51.70
	16QAM	1 932.50	42.59	1 985.00	45.24	47.12	51.58
	64QAM	1 932.50	42.52	1 985.00	45.19	47.07	50.92
	256QAM	1 932.50	42.49	1 985.00	45.30	47.13	51.60

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50+1 985.00	103.71	103.19	102.83	104.55

(4 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B2 DSS 10 MHz 9to1		LTE B2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 932.50	40.84	1 985.00	43.72	45.52	35.66
	16QAM	1 932.50	40.79	1 985.00	43.73	45.51	35.60
	64QAM	1 932.50	40.82	1 985.00	43.73	45.52	35.67
	256QAM	1 932.50	40.86	1 985.00	43.64	45.48	35.32
1	QPSK	1 932.50	41.01	1 985.00	43.71	45.58	36.11
	16QAM	1 932.50	40.96	1 985.00	43.62	45.50	35.48
	64QAM	1 932.50	41.00	1 985.00	43.67	45.55	35.86
	256QAM	1 932.50	41.02	1 985.00	43.72	45.59	36.20
2	QPSK	1 932.50	40.90	1 985.00	43.65	45.50	35.48
	16QAM	1 932.50	40.70	1 985.00	43.59	45.39	34.61
	64QAM	1 932.50	40.95	1 985.00	43.70	45.55	35.89
	256QAM	1 932.50	40.95	1 985.00	43.74	45.58	36.12
3	QPSK	1 932.50	40.73	1 985.00	43.55	45.38	34.50
	16QAM	1 932.50	40.54	1 985.00	43.51	45.29	33.78
	64QAM	1 932.50	40.71	1 985.00	43.46	45.31	33.96
	256QAM	1 932.50	40.68	1 985.00	43.55	45.36	34.33

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	141.76	139.47	141.40	141.97

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

Ant.	Mod	LTE B2 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	44.17	1 987.50	44.35	47.27	53.37
	16QAM	1 932.50	44.23	1 987.50	44.36	47.31	53.78
	64QAM	1 932.50	44.20	1 987.50	44.30	47.26	53.23
	256QAM	1 932.50	44.18	1 987.50	44.29	47.25	53.05
1	QPSK	1 932.50	43.94	1 987.50	44.06	47.01	50.20
	16QAM	1 932.50	43.93	1 987.50	44.01	46.98	49.86
	64QAM	1 932.50	43.88	1 987.50	44.04	46.97	49.73
	256QAM	1 932.50	43.92	1 987.50	43.95	46.95	49.50

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + 1 987.50	103.58	103.64	102.97	102.56

(2 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod	LTE B2 10 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	42.25	1 980.00	45.35	47.09	51.11
	16QAM	1 935.00	42.38	1 980.00	45.36	47.13	51.63
	64QAM	1 935.00	42.33	1 980.00	45.42	47.15	51.90
	256QAM	1 935.00	42.35	1 980.00	45.37	47.13	51.59
1	QPSK	1 935.00	42.08	1 980.00	45.09	46.85	48.45
	16QAM	1 935.00	42.09	1 980.00	45.11	46.87	48.62
	64QAM	1 935.00	42.09	1 980.00	45.15	46.90	48.93
	256QAM	1 935.00	42.11	1 980.00	45.19	46.93	49.32

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00 + 1 980.00	99.57	100.25	100.83	100.91

(4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	LTE B2 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	42.49	1 987.50	42.56	45.54	35.79
	16QAM	1 932.50	42.42	1 987.50	42.62	45.53	35.76
	64QAM	1 932.50	42.52	1 987.50	42.68	45.61	36.38
	256QAM	1 932.50	42.55	1 987.50	42.56	45.57	36.05
1	QPSK	1 932.50	42.28	1 987.50	42.42	45.36	34.36
	16QAM	1 932.50	42.23	1 987.50	42.42	45.34	34.17
	64QAM	1 932.50	42.24	1 987.50	42.35	45.31	33.96
	256QAM	1 932.50	42.24	1 987.50	42.30	45.28	33.74
2	QPSK	1 932.50	42.19	1 987.50	42.43	45.32	34.06
	16QAM	1 932.50	42.24	1 987.50	42.56	45.41	34.79
	64QAM	1 932.50	42.35	1 987.50	42.48	45.43	34.88
	256QAM	1 932.50	42.16	1 987.50	42.38	45.28	33.73
3	QPSK	1 932.50	42.25	1 987.50	42.38	45.32	34.07
	16QAM	1 932.50	42.27	1 987.50	42.38	45.34	34.19
	64QAM	1 932.50	42.15	1 987.50	42.28	45.23	33.31
	256QAM	1 932.50	42.24	1 987.50	42.30	45.28	33.74

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 + 1 987.50	138.28	138.92	138.53	137.27

(4 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod	LTE B2 10 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	40.44	1 980.00	43.65	45.35	34.25
	16QAM	1 935.00	40.44	1 980.00	43.64	45.34	34.18
	64QAM	1 935.00	40.45	1 980.00	43.64	45.34	34.21
	256QAM	1 935.00	40.42	1 980.00	43.59	45.30	33.89
1	QPSK	1 935.00	40.31	1 980.00	43.47	45.18	32.98
	16QAM	1 935.00	40.32	1 980.00	43.53	45.23	33.32
	64QAM	1 935.00	40.30	1 980.00	43.44	45.16	32.79
	256QAM	1 935.00	40.26	1 980.00	43.39	45.11	32.45
2	QPSK	1 935.00	40.31	1 980.00	43.46	45.17	32.92
	16QAM	1 935.00	40.34	1 980.00	43.44	45.17	32.92
	64QAM	1 935.00	40.32	1 980.00	43.42	45.15	32.74
	256QAM	1 935.00	40.31	1 980.00	43.43	45.15	32.76
3	QPSK	1 935.00	40.30	1 980.00	43.43	45.15	32.72
	16QAM	1 935.00	40.35	1 980.00	43.36	45.12	32.54
	64QAM	1 935.00	40.30	1 980.00	43.40	45.13	32.61
	256QAM	1 935.00	40.31	1 980.00	43.33	45.09	32.25

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	132.88	132.96	132.36	131.35

(2 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B66 DSS 10 MHz 9to1		LTE B66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	47.27	2 177.50	44.47	49.10	81.35
	16QAM	2 115.00	47.16	2 177.50	44.62	49.08	80.92
	64QAM	2 115.00	47.25	2 177.50	44.54	49.11	81.48
	256QAM	2 115.00	47.24	2 177.50	44.59	49.13	81.80
1	QPSK	2 115.00	46.93	2 177.50	43.89	48.68	73.84
	16QAM	2 115.00	46.89	2 177.50	43.92	48.67	73.58
	64QAM	2 115.00	46.87	2 177.50	43.90	48.65	73.26
	256QAM	2 115.00	46.94	2 177.50	43.89	48.69	73.94

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 115.00 + 2 177.50	155.19	154.50	154.73	155.75

(4 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B66 DSS 10 MHz 9to1		LTE B66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 115.00	46.41	2 177.50	43.66	48.26	67.00
	16QAM	2 115.00	46.39	2 177.50	43.73	48.27	67.18
	64QAM	2 115.00	46.40	2 177.50	43.72	48.27	67.19
	256QAM	2 115.00	46.16	2 177.50	43.81	48.16	65.39
1	QPSK	2 115.00	45.78	2 177.50	42.76	47.54	56.70
	16QAM	2 115.00	45.93	2 177.50	42.82	47.66	58.29
	64QAM	2 115.00	45.83	2 177.50	42.86	47.61	57.62
	256QAM	2 115.00	45.86	2 177.50	42.89	47.64	58.02
2	QPSK	2 115.00	45.78	2 177.50	43.03	47.63	57.96
	16QAM	2 115.00	45.99	2 177.50	43.07	47.78	60.02
	64QAM	2 115.00	45.97	2 177.50	43.14	47.79	60.16
	256QAM	2 115.00	46.02	2 177.50	43.19	47.84	60.83
3	QPSK	2 115.00	45.92	2 177.50	42.95	47.70	58.82
	16QAM	2 115.00	45.91	2 177.50	42.89	47.66	58.40
	64QAM	2 115.00	45.97	2 177.50	42.99	47.74	59.43
	256QAM	2 115.00	45.96	2 177.50	43.03	47.75	59.54

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	240.48	243.89	244.40	243.79

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

Ant.	Mod	LTE B66 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	45.35	2 177.50	45.40	48.38	68.92
	16QAM	2 112.50	45.37	2 177.50	45.14	48.27	67.07
	64QAM	2 112.50	45.50	2 177.50	45.56	48.54	71.48
	256QAM	2 112.50	45.46	2 177.50	45.49	48.49	70.61
1	QPSK	2 112.50	45.49	2 177.50	45.49	48.50	70.82
	16QAM	2 112.50	45.44	2 177.50	45.59	48.52	71.20
	64QAM	2 112.50	45.56	2 177.50	45.63	48.61	72.58
	256QAM	2 112.50	45.51	2 177.50	45.61	48.57	71.99

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + 2 177.50	139.75	138.28	144.07	142.61

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

Ant.	Mod	LTE B66 20 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	45.40	2 170.00	45.47	48.44	69.85
	16QAM	2 120.00	45.36	2 170.00	45.37	48.37	68.77
	64QAM	2 120.00	45.37	2 170.00	45.46	48.42	69.56
	256QAM	2 120.00	45.32	2 170.00	45.47	48.40	69.24
1	QPSK	2 120.00	45.67	2 170.00	45.69	48.69	73.96
	16QAM	2 120.00	45.57	2 170.00	45.62	48.60	72.48
	64QAM	2 120.00	45.63	2 170.00	45.65	48.65	73.34
	256QAM	2 120.00	45.56	2 170.00	45.68	48.63	72.97

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 120.00 + 2 170.00	143.81	141.27	142.91	142.21

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

Ant.	Mod	LTE B66 5 MHz		5G NR n66 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	42.17	2 175.00	45.33	47.04	50.57
	16QAM	2 112.50	42.34	2 175.00	45.63	47.30	53.70
	64QAM	2 112.50	42.44	2 175.00	45.54	47.27	53.32
	256QAM	2 112.50	42.44	2 175.00	45.57	47.29	53.56
1	QPSK	2 112.50	42.56	2 175.00	45.62	47.36	54.51
	16QAM	2 112.50	42.63	2 175.00	45.62	47.39	54.76
	64QAM	2 112.50	42.52	2 175.00	45.62	47.35	54.34
	256QAM	2 112.50	42.49	2 175.00	45.68	47.38	54.70
2	QPSK	2 112.50	42.33	2 175.00	45.38	47.13	51.58
	16QAM	2 112.50	42.34	2 175.00	45.39	47.14	51.75
	64QAM	2 112.50	42.43	2 175.00	45.43	47.19	52.40
	256QAM	2 112.50	42.35	2 175.00	45.36	47.12	51.53
3	QPSK	2 112.50	42.37	2 175.00	45.43	47.17	52.14
	16QAM	2 112.50	42.39	2 175.00	45.32	47.11	51.40
	64QAM	2 112.50	42.47	2 175.00	45.51	47.26	53.21
	256QAM	2 112.50	42.33	2 175.00	45.36	47.12	51.48

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	208.82	211.62	213.27	211.28

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

Ant.	Mod	LTE B66 20 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	44.15	2 170.00	44.19	47.18	52.26
	16QAM	2 120.00	43.98	2 170.00	44.07	47.04	50.53
	64QAM	2 120.00	44.21	2 170.00	44.24	47.23	52.89
	256QAM	2 120.00	44.18	2 170.00	44.25	47.23	52.84
1	QPSK	2 120.00	44.24	2 170.00	44.25	47.26	53.18
	16QAM	2 120.00	44.15	2 170.00	44.18	47.18	52.21
	64QAM	2 120.00	44.23	2 170.00	44.25	47.25	53.06
	256QAM	2 120.00	44.26	2 170.00	44.24	47.26	53.22
2	QPSK	2 120.00	44.20	2 170.00	44.23	47.22	52.75
	16QAM	2 120.00	44.09	2 170.00	44.16	47.14	51.71
	64QAM	2 120.00	44.14	2 170.00	44.32	47.24	52.96
	256QAM	2 120.00	44.21	2 170.00	44.33	47.28	53.46
3	QPSK	2 120.00	44.11	2 170.00	44.20	47.17	52.10
	16QAM	2 120.00	44.05	2 170.00	44.01	47.04	50.61
	64QAM	2 120.00	44.08	2 170.00	44.16	47.13	51.65
	256QAM	2 120.00	44.10	2 170.00	44.13	47.13	51.60

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	210.29	205.07	210.57	211.13

(2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod	B2 DSS 20 MHz 9to1		LTE B2 5 MHz + LTE B2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 940.00	45.78	1 985.00	42.96	47.61	57.64
	16QAM	1 940.00	45.86	1 985.00	43.05	47.69	58.71
	64QAM	1 940.00	45.74	1 985.00	42.93	47.57	57.11
	256QAM	1 940.00	45.80	1 985.00	43.09	47.66	58.34
1	QPSK	1 940.00	45.69	1 985.00	42.79	47.49	56.07
	16QAM	1 940.00	45.75	1 985.00	42.85	47.55	56.88
	64QAM	1 940.00	45.68	1 985.00	42.73	47.46	55.73
	256QAM	1 940.00	45.65	1 985.00	42.69	47.43	55.31

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 940.00 +1 985.00	113.71	115.59	112.84	113.65

(2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod	B2 DSS 20 MHz 9to1 + LTE B2 5 MHz		LTE B2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	42.37	1 980.00	45.04	46.92	49.21
	16QAM	1 935.00	42.43	1 980.00	45.05	46.95	49.50
	64QAM	1 935.00	42.35	1 980.00	45.06	46.92	49.22
	256QAM	1 935.00	42.38	1 980.00	45.08	46.95	49.51
1	QPSK	1 935.00	42.45	1 980.00	45.08	46.97	49.77
	16QAM	1 935.00	42.48	1 980.00	45.06	46.96	49.71
	64QAM	1 935.00	42.37	1 980.00	45.06	46.93	49.35
	256QAM	1 935.00	42.49	1 980.00	45.10	47.00	50.08

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 935.00+1 980.00	98.98	99.21	98.58	99.59

(4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (1C+2C)

Ant.	Mod	B2 DSS 20 MHz 9to1		LTE B2 5 MHz + LTE B2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 940.00	44.14	1 985.00	41.22	45.93	39.20
	16QAM	1 940.00	44.19	1 985.00	41.39	46.02	40.02
	64QAM	1 940.00	44.07	1 985.00	41.21	45.88	38.72
	256QAM	1 940.00	44.07	1 985.00	41.16	45.86	38.58
1	QPSK	1 940.00	43.92	1 985.00	41.08	45.74	37.46
	16QAM	1 940.00	44.14	1 985.00	41.12	45.89	38.85
	64QAM	1 940.00	43.96	1 985.00	41.07	45.76	37.67
	256QAM	1 940.00	43.95	1 985.00	41.01	45.74	37.46
2	QPSK	1 940.00	43.90	1 985.00	41.07	45.72	37.36
	16QAM	1 940.00	44.00	1 985.00	41.11	45.80	38.05
	64QAM	1 940.00	43.92	1 985.00	41.02	45.72	37.29
	256QAM	1 940.00	43.92	1 985.00	41.06	45.73	37.44
3	QPSK	1 940.00	43.88	1 985.00	41.04	45.70	37.15
	16QAM	1 940.00	43.83	1 985.00	41.02	45.66	36.83
	64QAM	1 940.00	43.83	1 985.00	40.90	45.62	36.46
	256QAM	1 940.00	43.73	1 985.00	40.98	45.58	36.11

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	151.17	153.75	150.15	149.59

(4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (2C+1C)

Ant.	Mod	B2 DSS 20 MHz 9to1+ LTE B2 5 MHz		LTE B2 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 935.00	40.79	1 980.00	43.52	45.37	34.46
	16QAM	1 935.00	40.62	1 980.00	43.43	45.26	33.59
	64QAM	1 935.00	40.70	1 980.00	43.48	45.32	34.05
	256QAM	1 935.00	40.75	1 980.00	43.54	45.37	34.46
1	QPSK	1 935.00	40.83	1 980.00	43.53	45.40	34.66
	16QAM	1 935.00	40.91	1 980.00	43.44	45.37	34.42
	64QAM	1 935.00	40.82	1 980.00	43.45	45.35	34.24
	256QAM	1 935.00	40.80	1 980.00	43.41	45.31	33.97
2	QPSK	1 935.00	40.78	1 980.00	43.40	45.29	33.84
	16QAM	1 935.00	40.72	1 980.00	43.40	45.27	33.68
	64QAM	1 935.00	40.72	1 980.00	43.39	45.26	33.61
	256QAM	1 935.00	40.72	1 980.00	43.32	45.22	33.27
3	QPSK	1 935.00	40.59	1 980.00	43.28	45.15	32.75
	16QAM	1 935.00	40.44	1 980.00	43.28	45.10	32.34
	64QAM	1 935.00	40.59	1 980.00	43.26	45.14	32.64
	256QAM	1 935.00	40.58	1 980.00	43.34	45.19	33.01

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 + 1 980.00	135.71	134.04	134.54	134.71

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

Ant.	Mod	LTE B2 5 MHz		LTE B2 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	42.29	1 985.00	45.41	47.13	51.64
	16QAM	1 932.50	42.34	1 985.00	45.43	47.16	52.03
	64QAM	1 932.50	42.32	1 985.00	45.46	47.17	52.18
	256QAM	1 932.50	42.35	1 985.00	45.45	47.18	52.23
1	QPSK	1 932.50	42.14	1 985.00	45.14	46.90	48.99
	16QAM	1 932.50	42.10	1 985.00	45.17	46.91	49.11
	64QAM	1 932.50	42.16	1 985.00	45.16	46.92	49.22
	256QAM	1 932.50	42.12	1 985.00	45.24	46.96	49.69

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + (1 982.50 + 1 987.50)	100.64	101.14	101.39	101.93

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

Ant.	Mod	LTE B2 5 MHz + LTE B2 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	45.39	1 987.50	42.43	47.17	52.06
	16QAM	1 935.00	45.37	1 987.50	42.43	47.15	51.93
	64QAM	1 935.00	45.42	1 987.50	42.46	47.20	52.46
	256QAM	1 935.00	45.48	1 987.50	42.52	47.26	53.20
1	QPSK	1 935.00	45.13	1 987.50	42.21	46.92	49.18
	16QAM	1 935.00	45.20	1 987.50	42.19	46.96	49.67
	64QAM	1 935.00	45.26	1 987.50	42.26	47.03	50.44
	256QAM	1 935.00	45.18	1 987.50	42.30	46.98	49.94

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
(1 932.50 + 1 937.50) + 1 987.50	101.25	101.59	102.90	103.14

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

Ant.	Mod	LTE B2 5 MHz		LTE B2 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	39.17	1 977.50	46.21	46.99	50.03
	16QAM	1 932.50	39.12	1 977.50	46.16	46.94	49.48
	64QAM	1 932.50	39.25	1 977.50	46.17	46.97	49.79
	256QAM	1 932.50	39.20	1 977.50	46.19	46.98	49.92
1	QPSK	1 932.50	39.12	1 977.50	46.07	46.87	48.61
	16QAM	1 932.50	39.14	1 977.50	46.09	46.89	48.82
	64QAM	1 932.50	39.07	1 977.50	46.07	46.86	48.53
	256QAM	1 932.50	39.11	1 977.50	46.07	46.87	48.63

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
1 932.50 + (1 975.00 + 1 987.50)	98.64	98.31	98.32	98.56

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

Ant.	Mod	LTE B2 5 MHz + LTE B2 5 MHz		5G NR n2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 942.50	46.38	1 987.50	39.47	47.19	52.33
	16QAM	1 942.50	46.45	1 987.50	39.39	47.23	52.87
	64QAM	1 942.50	46.36	1 987.50	39.49	47.17	52.17
	256QAM	1 942.50	46.35	1 987.50	39.48	47.16	52.05
1	QPSK	1 942.50	46.17	1 987.50	39.30	46.98	49.87
	16QAM	1 942.50	46.15	1 987.50	39.31	46.97	49.75
	64QAM	1 942.50	46.16	1 987.50	39.10	46.94	49.43
	256QAM	1 942.50	46.25	1 987.50	39.24	47.04	50.60

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
(1 932.50 + 1 945.00) + 1 987.50	102.21	102.62	101.60	102.66

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

Ant.	Mod	LTE B2 5 MHz		LTE B2 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	40.64	1 985.00	43.87	45.56	35.99
	16QAM	1 932.50	40.70	1 985.00	43.84	45.56	35.95
	64QAM	1 932.50	40.65	1 985.00	43.82	45.53	35.74
	256QAM	1 932.50	40.67	1 985.00	43.83	45.54	35.79
1	QPSK	1 932.50	40.40	1 985.00	43.62	45.31	33.96
	16QAM	1 932.50	40.42	1 985.00	43.67	45.36	34.32
	64QAM	1 932.50	40.44	1 985.00	43.61	45.32	34.02
	256QAM	1 932.50	40.34	1 985.00	43.55	45.25	33.50
2	QPSK	1 932.50	40.42	1 985.00	43.69	45.37	34.41
	16QAM	1 932.50	40.45	1 985.00	43.61	45.32	34.03
	64QAM	1 932.50	40.38	1 985.00	43.58	45.28	33.74
	256QAM	1 932.50	40.41	1 985.00	43.63	45.32	34.07
3	QPSK	1 932.50	40.43	1 985.00	43.60	45.31	33.97
	16QAM	1 932.50	40.42	1 985.00	43.63	45.32	34.04
	64QAM	1 932.50	40.38	1 985.00	43.56	45.27	33.62
	256QAM	1 932.50	40.45	1 985.00	43.53	45.27	33.63

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 + (1 982.50 + 1 987.50)	138.33	138.35	137.12	136.99

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

Ant.	Mod	LTE B2 5 MHz + LTE B2 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	43.67	1 987.50	40.88	45.51	35.54
	16QAM	1 935.00	43.71	1 987.50	40.77	45.49	35.42
	64QAM	1 935.00	43.75	1 987.50	40.95	45.58	36.16
	256QAM	1 935.00	43.70	1 987.50	40.78	45.49	35.41
1	QPSK	1 935.00	43.47	1 987.50	40.67	45.30	33.90
	16QAM	1 935.00	43.40	1 987.50	40.61	45.24	33.39
	64QAM	1 935.00	43.58	1 987.50	40.67	45.38	34.48
	256QAM	1 935.00	43.50	1 987.50	40.58	45.29	33.78
2	QPSK	1 935.00	43.39	1 987.50	40.60	45.22	33.29
	16QAM	1 935.00	43.47	1 987.50	40.67	45.30	33.88
	64QAM	1 935.00	43.49	1 987.50	40.68	45.32	34.02
	256QAM	1 935.00	43.44	1 987.50	40.73	45.30	33.92
3	QPSK	1 935.00	43.37	1 987.50	40.62	45.22	33.27
	16QAM	1 935.00	43.49	1 987.50	40.58	45.29	33.77
	64QAM	1 935.00	43.42	1 987.50	40.67	45.27	33.67
	256QAM	1 935.00	43.40	1 987.50	40.58	45.23	33.32

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 + 1 937.50) + 1 987.50	136.00	136.47	138.33	136.43

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

Ant.	Mod	LTE B2 5 MHz		LTE B2 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	37.38	1 977.50	44.51	45.28	33.73
	16QAM	1 932.50	37.53	1 977.50	44.58	45.36	34.37
	64QAM	1 932.50	37.45	1 977.50	44.56	45.33	34.12
	256QAM	1 932.50	37.45	1 977.50	44.53	45.31	33.96
1	QPSK	1 932.50	37.32	1 977.50	44.30	45.09	32.29
	16QAM	1 932.50	37.37	1 977.50	44.35	45.15	32.70
	64QAM	1 932.50	37.33	1 977.50	44.40	45.18	32.96
	256QAM	1 932.50	37.29	1 977.50	44.39	45.17	32.85
2	QPSK	1 932.50	37.28	1 977.50	44.33	45.11	32.43
	16QAM	1 932.50	37.29	1 977.50	44.39	45.16	32.85
	64QAM	1 932.50	37.29	1 977.50	44.34	45.12	32.53
	256QAM	1 932.50	37.30	1 977.50	44.33	45.11	32.45
3	QPSK	1 932.50	37.28	1 977.50	44.35	45.12	32.55
	16QAM	1 932.50	37.32	1 977.50	44.35	45.14	32.62
	64QAM	1 932.50	37.29	1 977.50	44.41	45.18	32.97
	256QAM	1 932.50	37.30	1 977.50	44.33	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			
1 932.50 + (1 975.00 + 1 987.50)	130.99	132.55	132.59	131.71

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

Ant.	Mod	LTE B2 5 MHz + LTE B2 5 MHz		5G NR n2 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	1 942.50	44.74	1 987.50	37.70	45.52	35.68
	16QAM	1 942.50	44.73	1 987.50	37.88	45.54	35.84
	64QAM	1 942.50	44.83	1 987.50	37.90	45.63	36.54
	256QAM	1 942.50	44.77	1 987.50	37.85	45.58	36.11
1	QPSK	1 942.50	44.60	1 987.50	37.56	45.39	34.56
	16QAM	1 942.50	44.63	1 987.50	37.53	45.41	34.72
	64QAM	1 942.50	44.60	1 987.50	37.54	45.38	34.53
	256QAM	1 942.50	44.59	1 987.50	37.58	45.38	34.53
2	QPSK	1 942.50	44.57	1 987.50	37.67	45.38	34.48
	16QAM	1 942.50	44.59	1 987.50	37.58	45.38	34.50
	64QAM	1 942.50	44.54	1 987.50	37.66	45.35	34.28
	256QAM	1 942.50	44.57	1 987.50	37.67	45.37	34.46
3	QPSK	1 942.50	44.55	1 987.50	37.64	45.36	34.32
	16QAM	1 942.50	44.53	1 987.50	37.63	45.34	34.16
	64QAM	1 942.50	44.52	1 987.50	37.49	45.31	33.96
	256QAM	1 942.50	44.61	1 987.50	37.69	45.41	34.78

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 + 1 945.00) + 1 987.50	139.04	139.23	139.32	139.89

(2 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier [4 Carrier] (1C+3C)

Ant.	Mod	B66 DSS 20 MHz 9to1		LTE B66 10 MHz + LTE B66 5 MHz + LTE B66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	37.90	2 162.50	47.61	48.05	63.89
	16QAM	2 112.50	37.93	2 162.50	47.73	48.16	65.45
	64QAM	2 112.50	37.76	2 162.50	47.63	48.05	63.87
	256QAM	2 112.50	37.88	2 162.50	47.66	48.09	64.48
1	QPSK	2 112.50	39.69	2 162.50	48.05	48.64	73.11
	16QAM	2 112.50	39.26	2 162.50	47.88	48.44	69.82
	64QAM	2 112.50	39.78	2 162.50	48.06	48.66	73.44
	256QAM	2 112.50	39.26	2 162.50	47.82	48.39	68.96

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + (2 155.00 + 2 170.00 + 2 177.50)	137.00	135.27	137.32	133.43

(2 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier [4 Carrier] (3C+1C)

Ant.	Mod	B66 DSS 20 MHz 9to1 + LTE B66 10 MHz + LTE B66 5 MHz		LTE B66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 127.50	46.98	2 177.50	38.96	47.61	57.72
	16QAM	2 127.50	47.19	2 177.50	39.38	47.85	61.00
	64QAM	2 127.50	47.10	2 177.50	39.29	47.76	59.73
	256QAM	2 127.50	47.01	2 177.50	38.94	47.64	58.09
1	QPSK	2 127.50	47.90	2 177.50	39.57	48.50	70.74
	16QAM	2 127.50	48.15	2 177.50	39.65	48.72	74.47
	64QAM	2 127.50	47.99	2 177.50	39.10	48.52	71.16
	256QAM	2 127.50	47.95	2 177.50	39.17	48.49	70.57

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
(2 112.50 + 2 117.50 + 2 122.50) + 2 177.50	128.46	135.47	130.90	128.66

(4 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier [4 Carrier] (1C+3C)

Ant.	Mod	B66 DSS 20 MHz 9to1		LTE B66 10 MHz + LTE B66 5 MHz + LTE B66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 112.50	38.33	2 162.50	46.84	47.41	55.09
	16QAM	2 112.50	38.26	2 162.50	46.81	47.37	54.63
	64QAM	2 112.50	38.32	2 162.50	46.86	47.43	55.35
	256QAM	2 115.00	38.40	2 177.50	46.65	47.26	53.19
1	QPSK	2 112.50	38.08	2 162.50	46.47	47.05	50.75
	16QAM	2 112.50	38.24	2 162.50	46.51	47.12	51.46
	64QAM	2 112.50	37.97	2 162.50	46.43	47.01	50.26
	256QAM	2 112.50	38.22	2 162.50	46.64	47.22	52.76
2	QPSK	2 112.50	38.01	2 162.50	46.46	47.04	50.55
	16QAM	2 112.50	38.27	2 162.50	46.72	47.30	53.71
	64QAM	2 112.50	38.18	2 162.50	46.68	47.25	53.11
	256QAM	2 112.50	38.16	2 162.50	46.64	47.21	52.66
3	QPSK	2 112.50	38.51	2 162.50	46.88	47.47	55.79
	16QAM	2 112.50	38.24	2 162.50	46.62	47.21	52.57
	64QAM	2 112.50	38.24	2 162.50	46.64	47.23	52.84
	256QAM	2 112.50	38.25	2 162.50	46.57	47.17	52.07

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 + (2 155.00 + 2 170.00 + 2 177.50)	212.18	212.39	211.56	210.69

(4 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier [4 Carrier] (3C+1C)

Ant.	Mod	B66 DSS 20 MHz 9to1 + LTE B66 10 MHz + LTE B66 5 MHz		LTE B66 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 127.50	46.56	2 177.50	39.03	47.26	53.25
	16QAM	2 127.50	46.59	2 177.50	38.36	47.20	52.46
	64QAM	2 127.50	46.65	2 177.50	38.49	47.26	53.26
	256QAM	2 112.50	46.51	2 162.50	38.40	47.14	51.70
1	QPSK	2 127.50	46.70	2 177.50	38.17	47.27	53.30
	16QAM	2 127.50	46.99	2 177.50	38.43	47.56	56.96
	64QAM	2 127.50	46.70	2 177.50	38.10	47.26	53.25
	256QAM	2 127.50	46.67	2 177.50	38.07	47.23	52.86
2	QPSK	2 127.50	46.70	2 177.50	38.44	47.30	53.76
	16QAM	2 127.50	46.59	2 177.50	38.57	47.23	52.80
	64QAM	2 127.50	46.73	2 177.50	38.55	47.34	54.21
	256QAM	2 127.50	46.70	2 177.50	38.54	47.32	53.95
3	QPSK	2 127.50	46.73	2 177.50	38.42	47.33	54.05
	16QAM	2 127.50	46.60	2 177.50	38.41	47.21	52.62
	64QAM	2 127.50	46.69	2 177.50	38.29	47.28	53.46
	256QAM	2 127.50	46.74	2 177.50	38.36	47.33	54.05

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 + (2 155.00 + 2 170.00 + 2 177.50)	214.36	214.85	214.18	212.57

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

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + LTE B66 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	42.22	2 172.50	47.11	48.33	68.10
	16QAM	2 112.50	42.23	2 172.50	47.13	48.34	68.30
	64QAM	2 112.50	42.25	2 172.50	47.07	48.31	67.70
	256QAM	2 112.50	42.35	2 172.50	47.18	48.41	69.37
1	QPSK	2 112.50	42.50	2 172.50	47.36	48.59	72.21
	16QAM	2 112.50	42.51	2 172.50	47.31	48.55	71.62
	64QAM	2 112.50	42.30	2 172.50	47.28	48.48	70.43
	256QAM	2 112.50	42.52	2 172.50	47.39	48.61	72.67

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + (2 167.50 + 2 172.50 + 2 177.50)	140.32	139.93	138.13	142.05

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

Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + LTE B66 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	47.06	2 177.50	42.29	48.31	67.74
	16QAM	2 117.50	47.09	2 177.50	42.26	48.33	68.02
	64QAM	2 117.50	47.13	2 177.50	42.30	48.36	68.60
	256QAM	2 117.50	47.12	2 177.50	42.28	48.35	68.42
1	QPSK	2 117.50	47.29	2 177.50	42.47	48.52	71.20
	16QAM	2 117.50	47.37	2 177.50	42.43	48.58	72.08
	64QAM	2 117.50	47.29	2 177.50	42.56	48.55	71.68
	256QAM	2 117.50	47.29	2 177.50	42.50	48.54	71.38

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
(2 112.50 + 2 117.50 + 2 122.50) + 2 177.50	138.95	140.11	140.29	139.80

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

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + LTE B66 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	39.41	2 162.50	47.82	48.40	69.23
	16QAM	2 112.50	39.36	2 162.50	47.73	48.32	67.99
	64QAM	2 112.50	39.45	2 162.50	47.82	48.41	69.33
	256QAM	2 112.50	39.45	2 162.50	47.85	48.44	69.76
1	QPSK	2 112.50	39.48	2 162.50	47.95	48.53	71.22
	16QAM	2 112.50	39.35	2 162.50	48.02	48.57	71.93
	64QAM	2 112.50	39.46	2 162.50	47.97	48.54	71.45
	256QAM	2 112.50	39.45	2 162.50	47.99	48.56	71.74

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
2 112.50 + (2 155.00 + 2 170.00 + 2 177.50)	140.46	139.93	140.79	141.51

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

Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + LTE B66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 127.50	47.97	2 177.50	39.41	48.53	71.32
	16QAM	2 127.50	47.88	2 177.50	39.28	48.44	69.81
	64QAM	2 127.50	47.88	2 177.50	39.31	48.45	69.94
	256QAM	2 127.50	47.85	2 177.50	39.28	48.42	69.48
1	QPSK	2 127.50	48.05	2 177.50	39.61	48.63	72.97
	16QAM	2 127.50	47.96	2 177.50	39.47	48.53	71.31
	64QAM	2 127.50	48.01	2 177.50	39.45	48.57	72.01
	256QAM	2 127.50	47.94	2 177.50	39.46	48.51	71.04

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
(2 112.50 + 2 120.00 + 2 135.00) + 2 177.50	144.30	141.13	141.95	140.52

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

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + LTE B66 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	41.31	2 172.50	46.23	47.45	55.53
	16QAM	2 112.50	41.28	2 172.50	46.22	47.43	55.35
	64QAM	2 112.50	41.32	2 172.50	46.23	47.45	55.54
	256QAM	2 112.50	41.26	2 172.50	46.20	47.41	55.02
1	QPSK	2 112.50	41.46	2 172.50	46.34	47.56	57.00
	16QAM	2 112.50	41.44	2 172.50	46.31	47.53	56.67
	64QAM	2 112.50	41.44	2 172.50	46.27	47.50	56.29
	256QAM	2 112.50	41.47	2 172.50	46.32	47.55	56.87
2	QPSK	2 112.50	41.34	2 172.50	46.24	47.46	55.67
	16QAM	2 112.50	41.27	2 172.50	46.26	47.46	55.67
	64QAM	2 112.50	41.33	2 172.50	46.23	47.44	55.52
	256QAM	2 112.50	41.30	2 172.50	46.21	47.42	55.27
3	QPSK	2 112.50	41.32	2 172.50	46.10	47.35	54.29
	16QAM	2 112.50	41.27	2 172.50	46.11	47.34	54.25
	64QAM	2 112.50	41.32	2 172.50	46.08	47.33	54.10
	256QAM	2 112.50	41.32	2 172.50	46.11	47.35	54.34

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 + 2 172.50 + 2 177.50)	222.49	221.95	221.45	221.50

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

Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + LTE B66 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	46.33	2 177.50	41.52	47.57	57.15
	16QAM	2 117.50	46.22	2 177.50	41.53	47.49	56.11
	64QAM	2 117.50	46.19	2 177.50	41.51	47.46	55.69
	256QAM	2 117.50	46.03	2 177.50	41.43	47.32	53.98
1	QPSK	2 117.50	46.31	2 177.50	41.51	47.55	56.93
	16QAM	2 117.50	46.29	2 177.50	41.52	47.54	56.71
	64QAM	2 117.50	46.20	2 177.50	41.51	47.47	55.81
	256QAM	2 117.50	46.19	2 177.50	41.53	47.46	55.77
2	QPSK	2 117.50	46.25	2 177.50	41.38	47.48	55.93
	16QAM	2 117.50	46.20	2 177.50	41.43	47.45	55.58
	64QAM	2 117.50	46.23	2 177.50	41.31	47.44	55.51
	256QAM	2 117.50	46.18	2 177.50	41.33	47.41	55.06
3	QPSK	2 117.50	46.27	2 177.50	41.22	47.45	55.62
	16QAM	2 117.50	46.19	2 177.50	41.28	47.41	55.05
	64QAM	2 117.50	46.14	2 177.50	41.27	47.37	54.56
	256QAM	2 117.50	46.16	2 177.50	41.15	47.35	54.30

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 + 2 117.50 + 2 122.50) + 2 177.50	225.63	223.46	221.57	219.11

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

Ant.	Mod	LTE B66 5 MHz		LTE B66 5 MHz + LTE B66 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	37.89	2 162.50	46.38	46.96	49.64
	16QAM	2 112.50	37.99	2 162.50	46.50	47.07	50.95
	64QAM	2 112.50	37.86	2 162.50	46.40	46.97	49.79
	256QAM	2 112.50	38.00	2 162.50	46.50	47.08	51.00
1	QPSK	2 112.50	38.07	2 162.50	46.59	47.16	52.03
	16QAM	2 112.50	38.06	2 162.50	46.61	47.18	52.19
	64QAM	2 112.50	38.01	2 162.50	46.42	47.01	50.19
	256QAM	2 112.50	38.05	2 162.50	46.62	47.18	52.27
2	QPSK	2 112.50	37.88	2 162.50	46.55	47.10	51.30
	16QAM	2 112.50	37.96	2 162.50	46.55	47.11	51.43
	64QAM	2 112.50	37.86	2 162.50	46.47	47.03	50.49
	256QAM	2 112.50	37.92	2 162.50	46.61	47.16	52.02
3	QPSK	2 112.50	37.95	2 162.50	46.48	47.05	50.65
	16QAM	2 112.50	37.90	2 162.50	46.42	46.99	50.02
	64QAM	2 112.50	37.93	2 162.50	46.32	46.90	49.01
	256QAM	2 112.50	37.93	2 162.50	46.43	47.01	50.18

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 + (2 155.00 + 2 170.00 + 2 177.50)	203.62	204.60	199.48	205.48

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

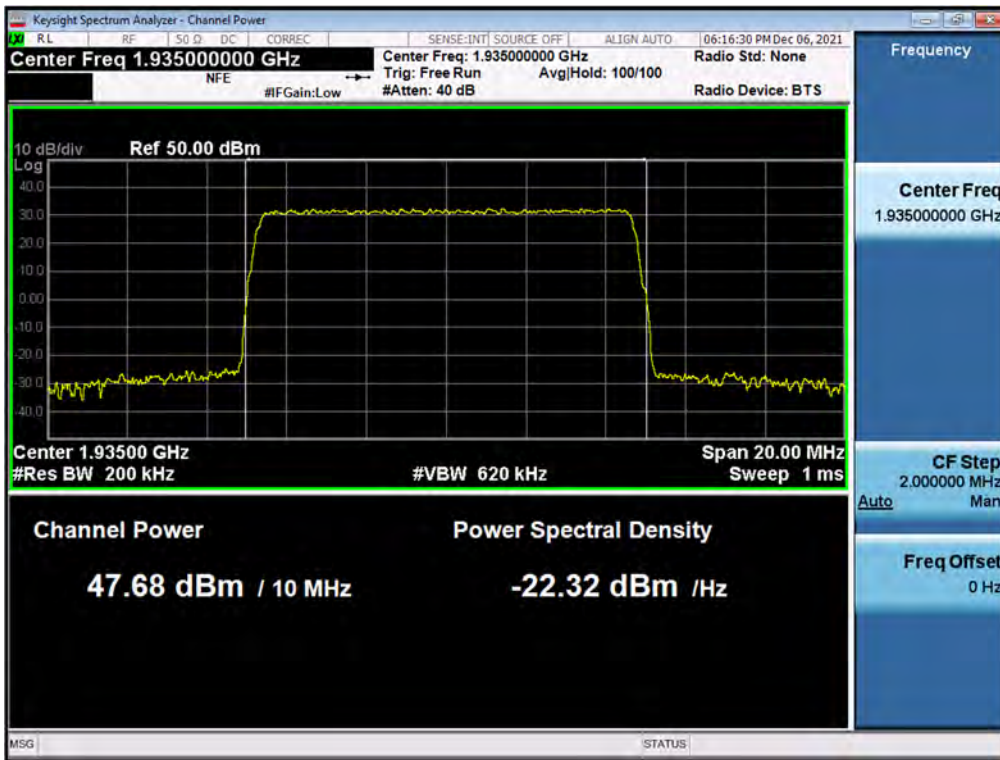
Ant.	Mod	LTE B66 5 MHz + LTE B66 5 MHz + LTE B66 10 MHz		5G NR n66 20 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	2 127.50	46.39	2 177.50	38.03	46.98	49.88
	16QAM	2 127.50	46.55	2 177.50	38.14	47.13	51.67
	64QAM	2 127.50	46.56	2 177.50	38.09	47.14	51.74
	256QAM	2 127.50	46.52	2 177.50	38.16	47.11	51.41
1	QPSK	2 127.50	46.58	2 177.50	38.01	47.14	51.77
	16QAM	2 127.50	46.51	2 177.50	37.97	47.07	50.98
	64QAM	2 127.50	46.62	2 177.50	38.04	47.19	52.31
	256QAM	2 127.50	46.55	2 177.50	38.08	47.13	51.63
2	QPSK	2 127.50	46.48	2 177.50	37.88	47.04	50.59
	16QAM	2 127.50	46.53	2 177.50	37.94	47.09	51.22
	64QAM	2 127.50	46.55	2 177.50	37.98	47.11	51.46
	256QAM	2 127.50	46.56	2 177.50	38.01	47.13	51.63
3	QPSK	2 127.50	46.47	2 177.50	37.86	47.03	50.45
	16QAM	2 127.50	46.54	2 177.50	37.90	47.09	51.22
	64QAM	2 127.50	46.57	2 177.50	37.85	47.12	51.46
	256QAM	2 127.50	46.56	2 177.50	37.94	47.12	51.54

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

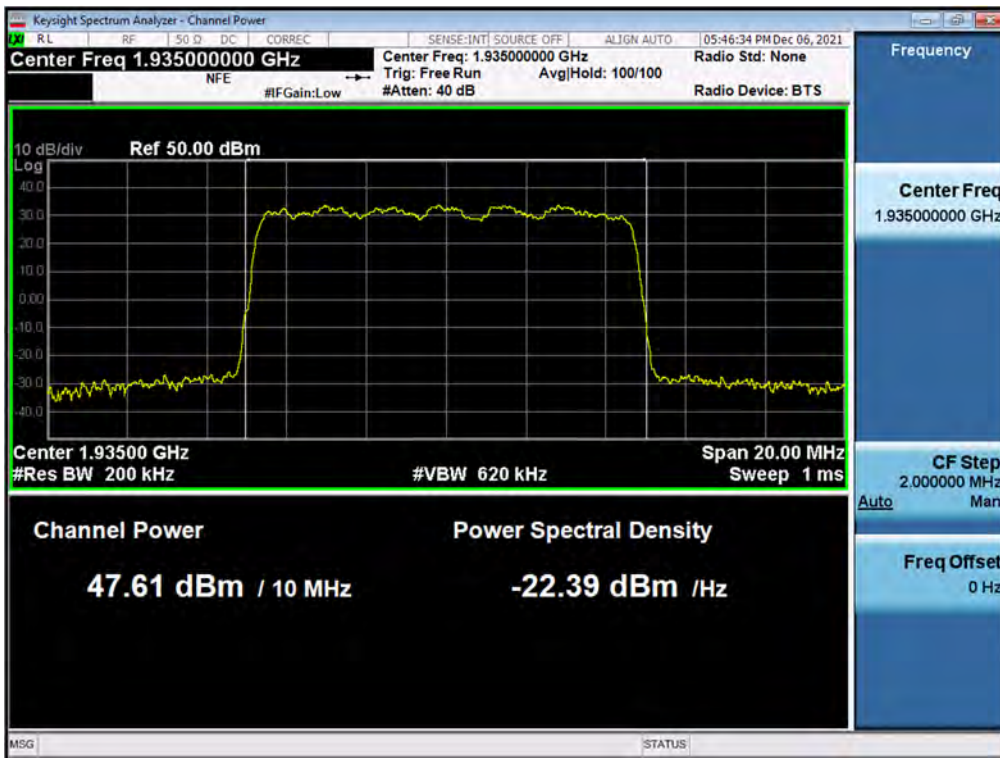
Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
(2 112.50 + 2 120.00 + 2 135.00) + 2 177.50	202.70	205.10	206.98	206.21

Plot Data of RF Output Power

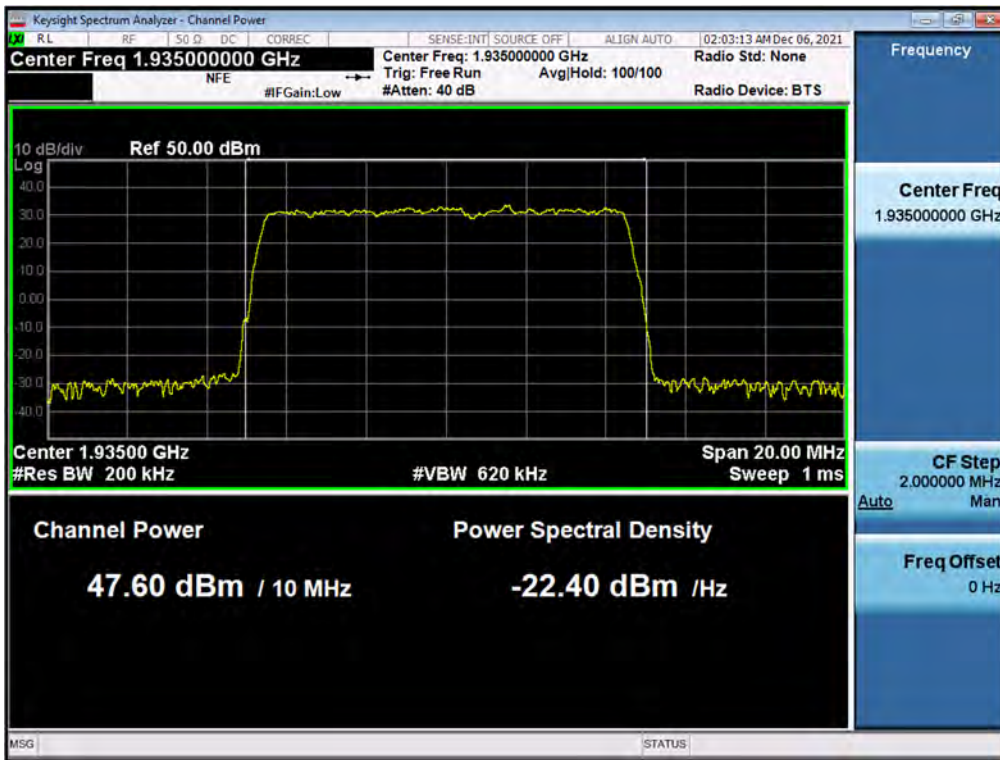
Antenna 0 / (2 Port) B2 DSS 10 MHz 2to8 1 Carrier / 256QAM / Low



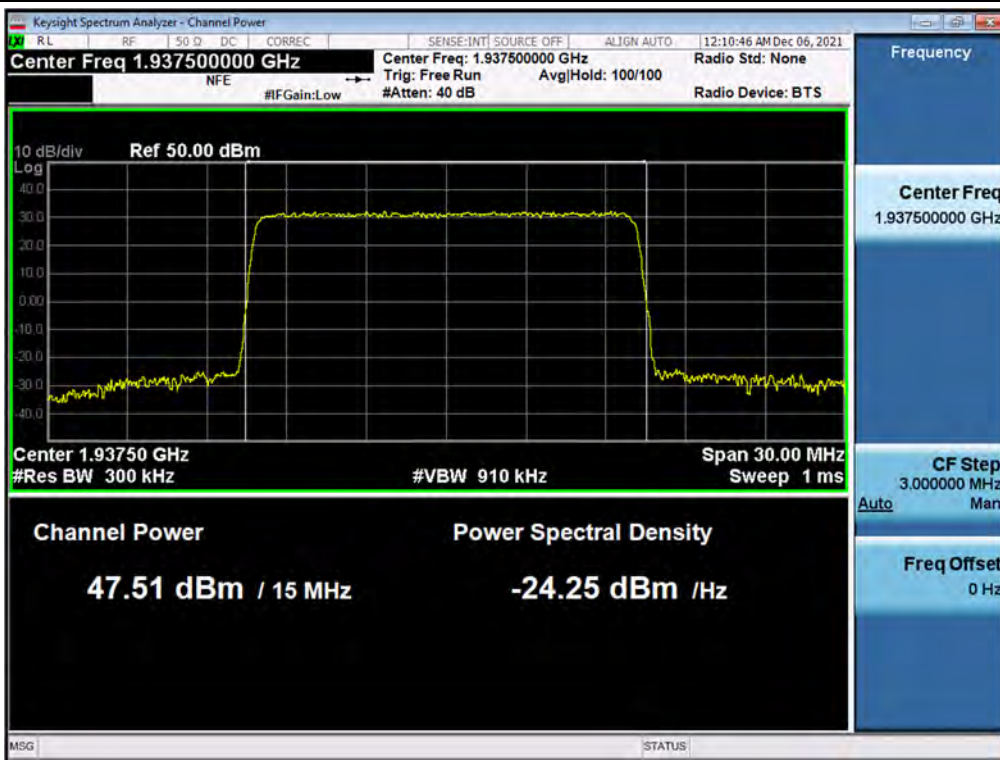
Antenna 0 / (2 Port) B2 DSS 10 MHz 5to5 1 Carrier / 16QAM / Low



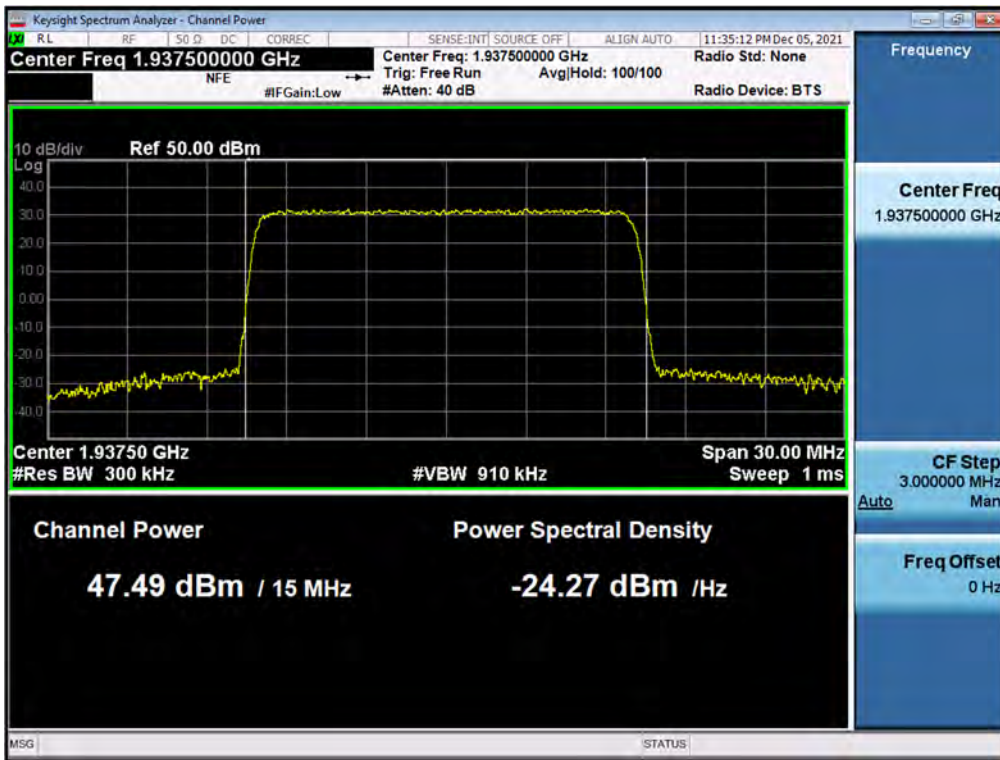
Antenna 0 / (2 Port) B2 DSS 10 MHz 9to1 1 Carrier / 16QAM / Low



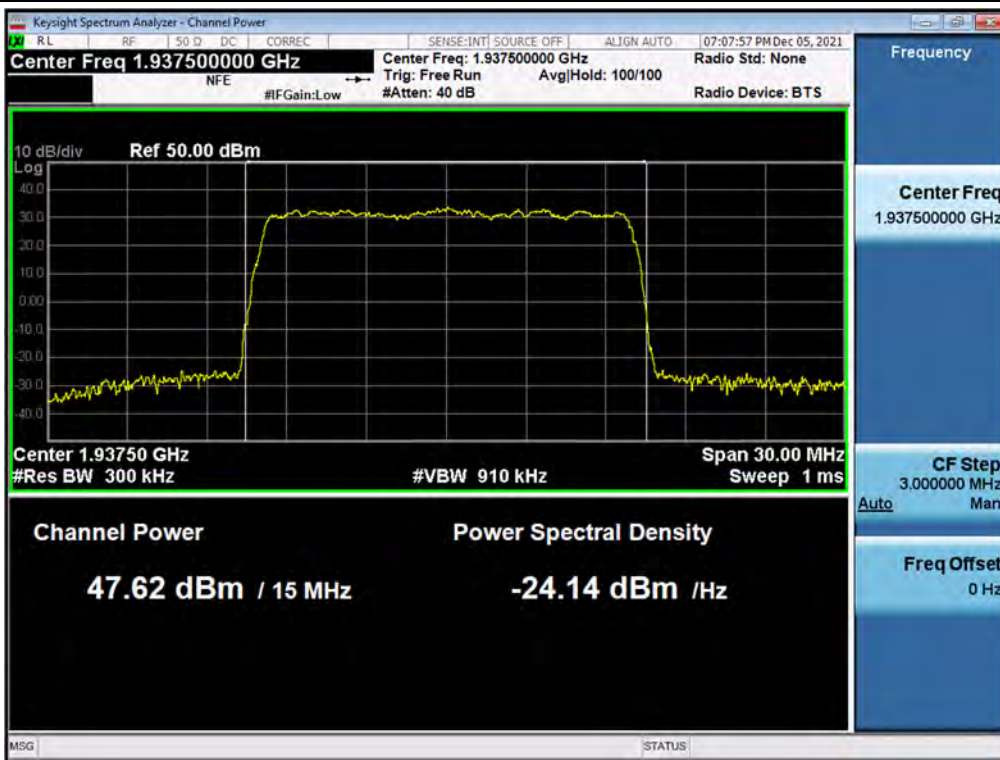
Antenna 1 / (2 Port) B2 DSS 15 MHz 2to8 1 Carrier / 256QAM / Low



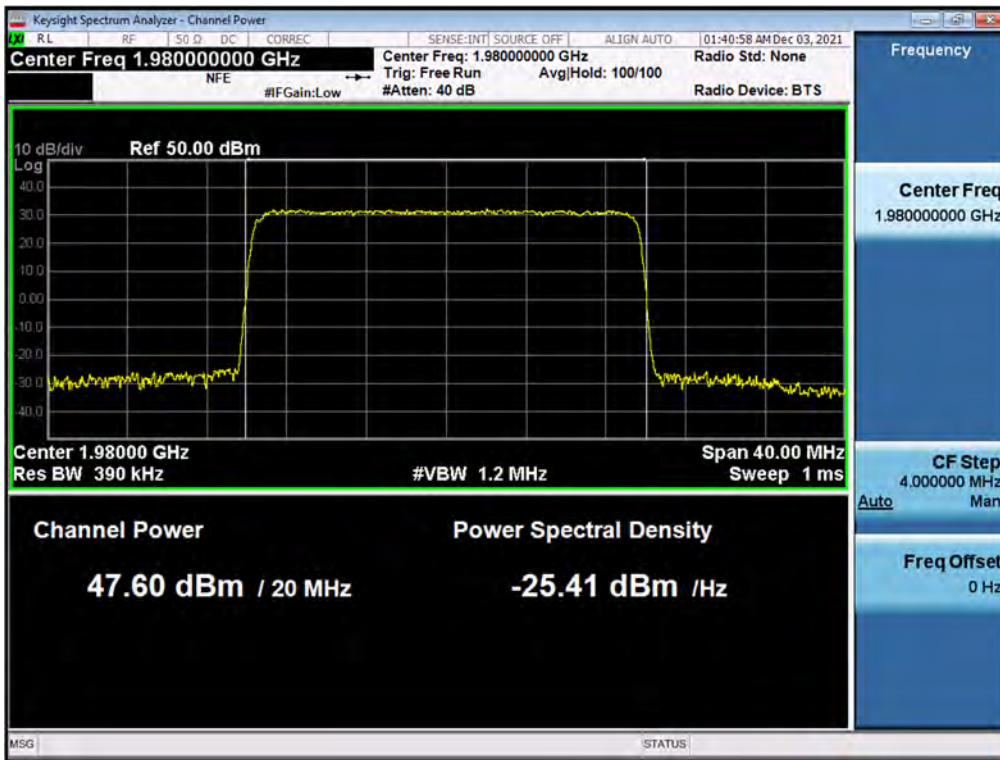
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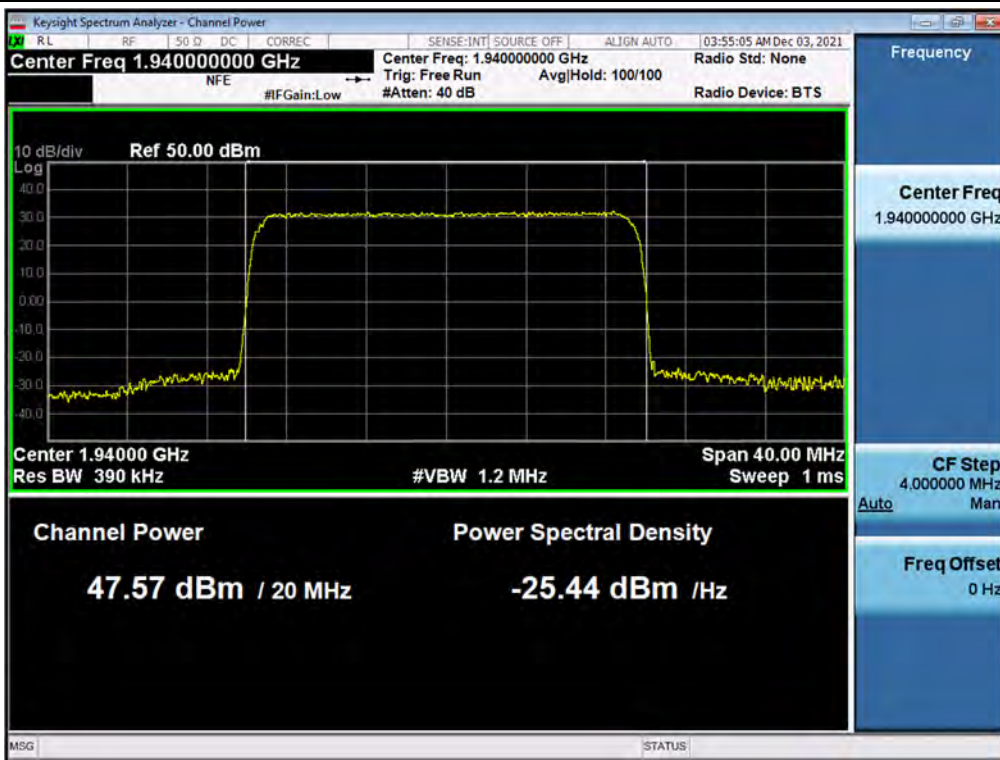
Antenna 0 / (2 Port) B2 DSS 15 MHz 9to1 1 Carrier / 16QAM / Low



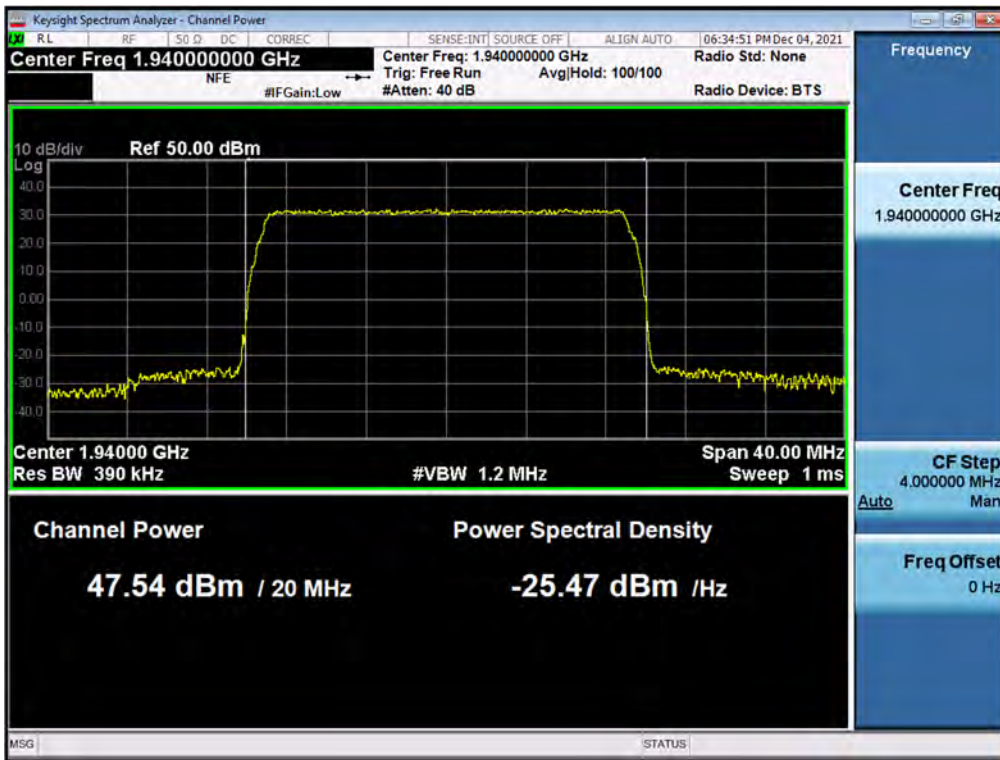
Antenna 0 / (2 Port) B2 DSS 20 MHz 2to8 1 Carrier / 64QAM / High



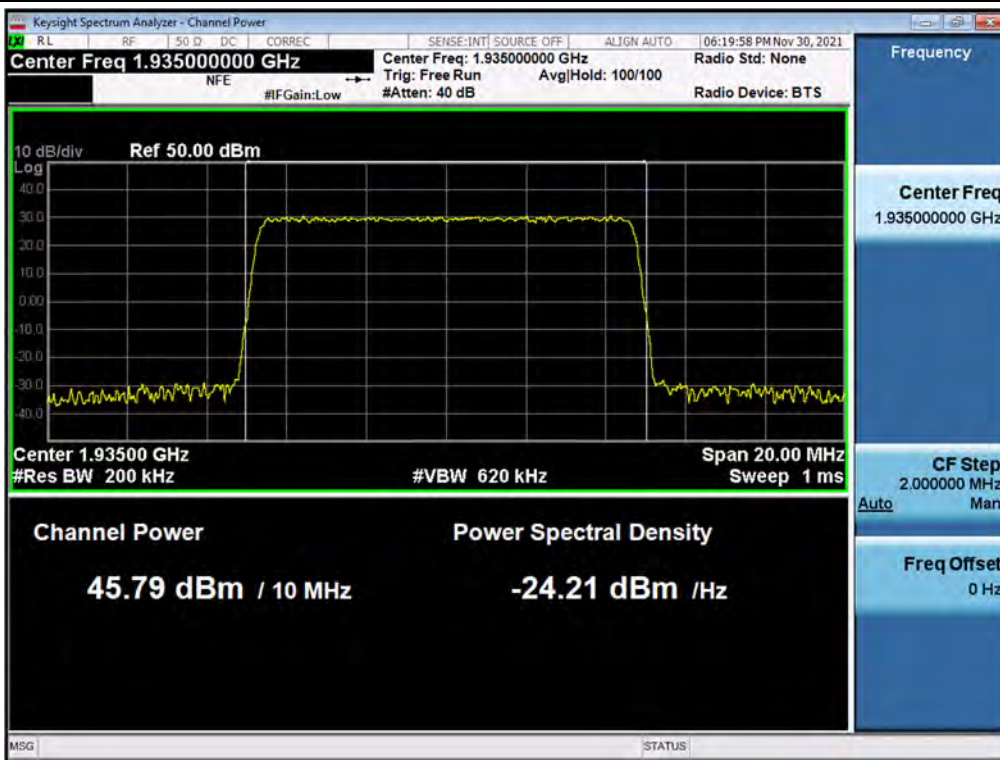
Antenna 1 / (2 Port) B2 DSS 20 MHz 5to5 1 Carrier / 64QAM / Low



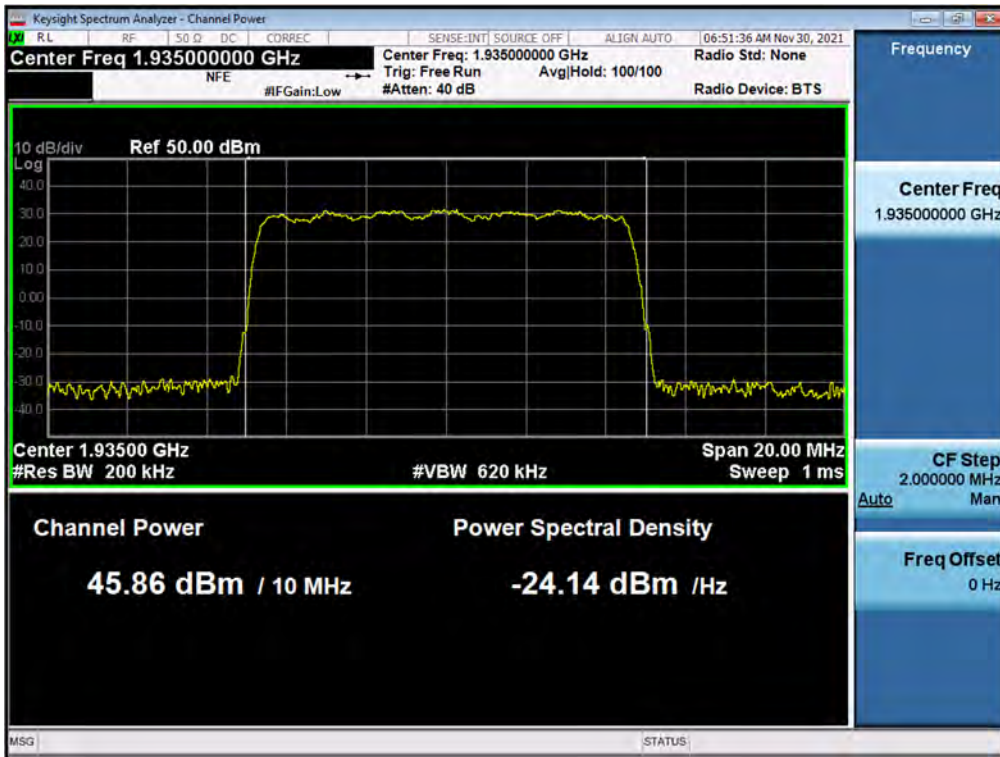
Antenna 1 / (2 Port) B2 DSS 20 MHz 9to1 1 Carrier / 256QAM / Low



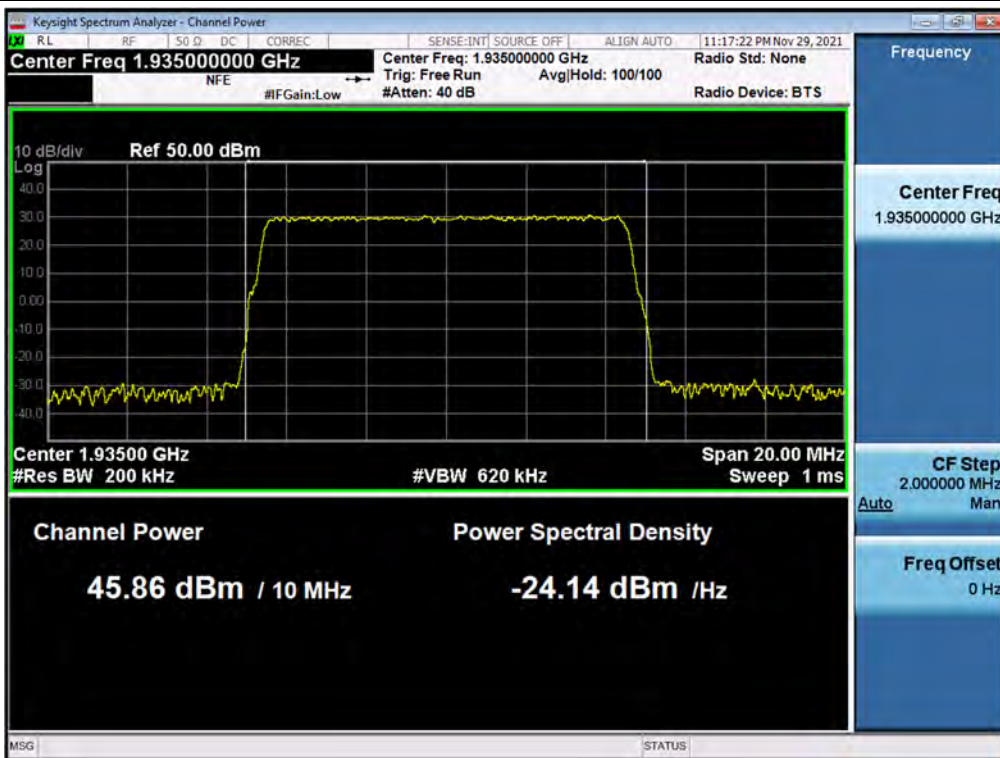
Antenna 1 / (4 Port) B2 DSS 10 MHz 2to8 1 Carrier / QPSK / Low



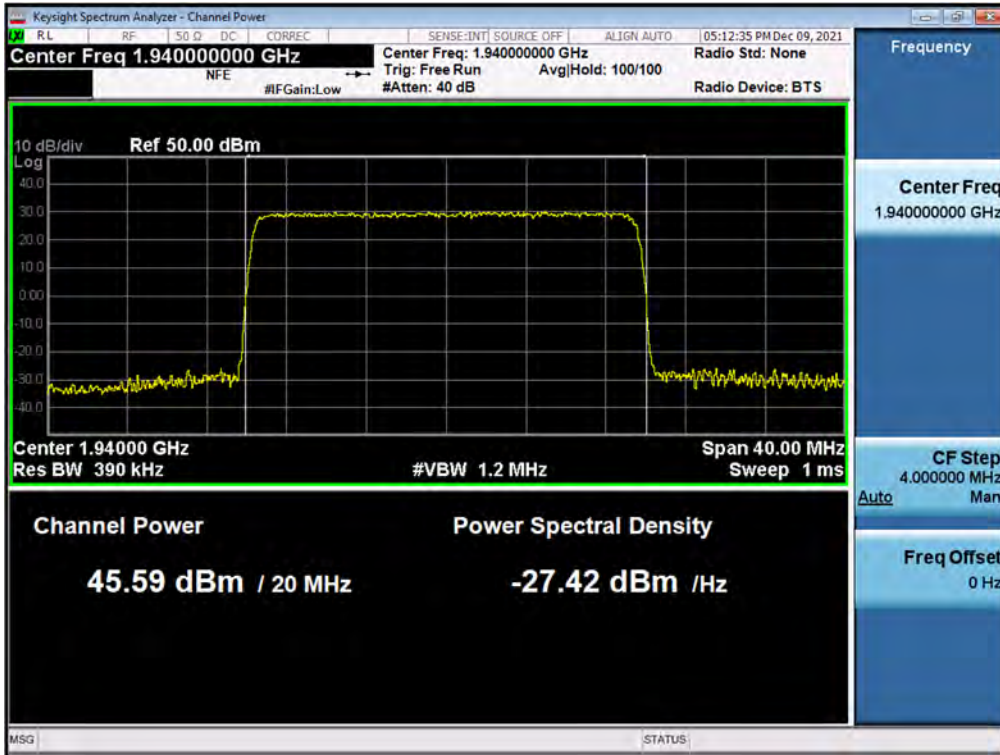
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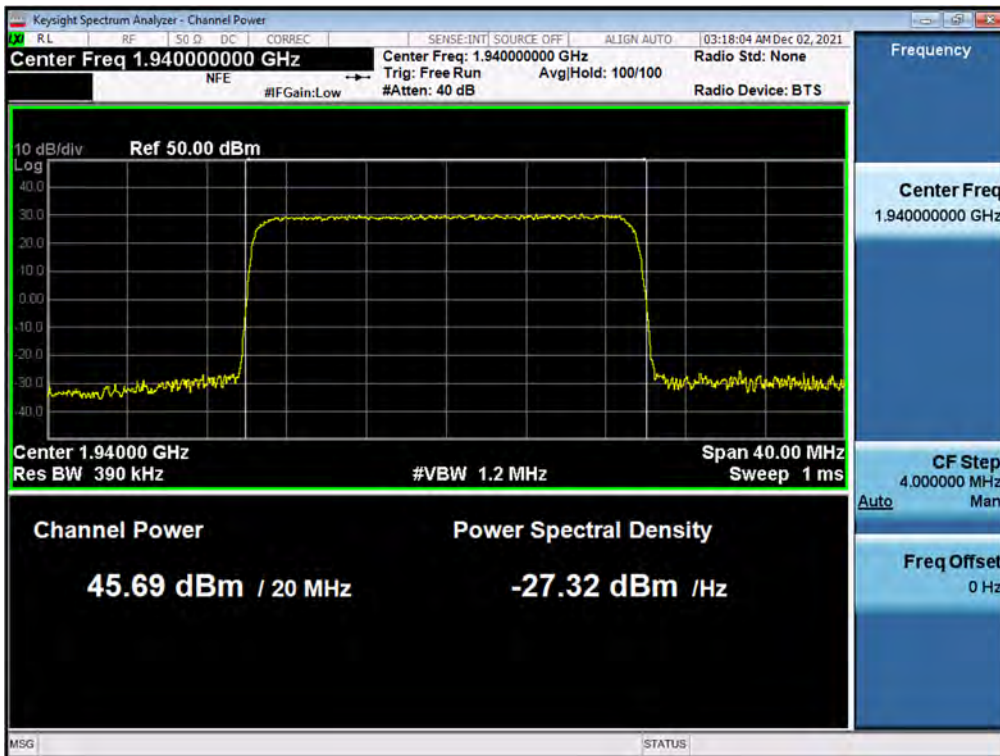
Antenna 1 / (4 Port) B2 DSS 10 MHz 9to1 1 Carrier / 256QAM / Low



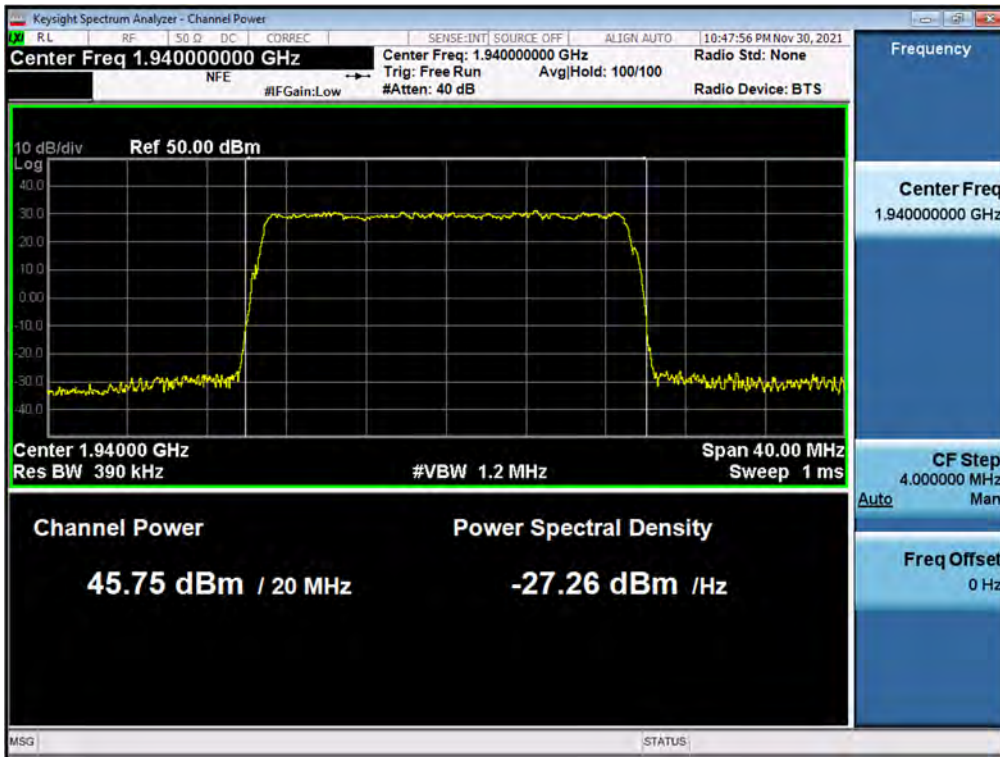
Antenna 1 / (4 Port) B2 DSS 20 MHz 2to8 1 Carrier / QPSK / Low



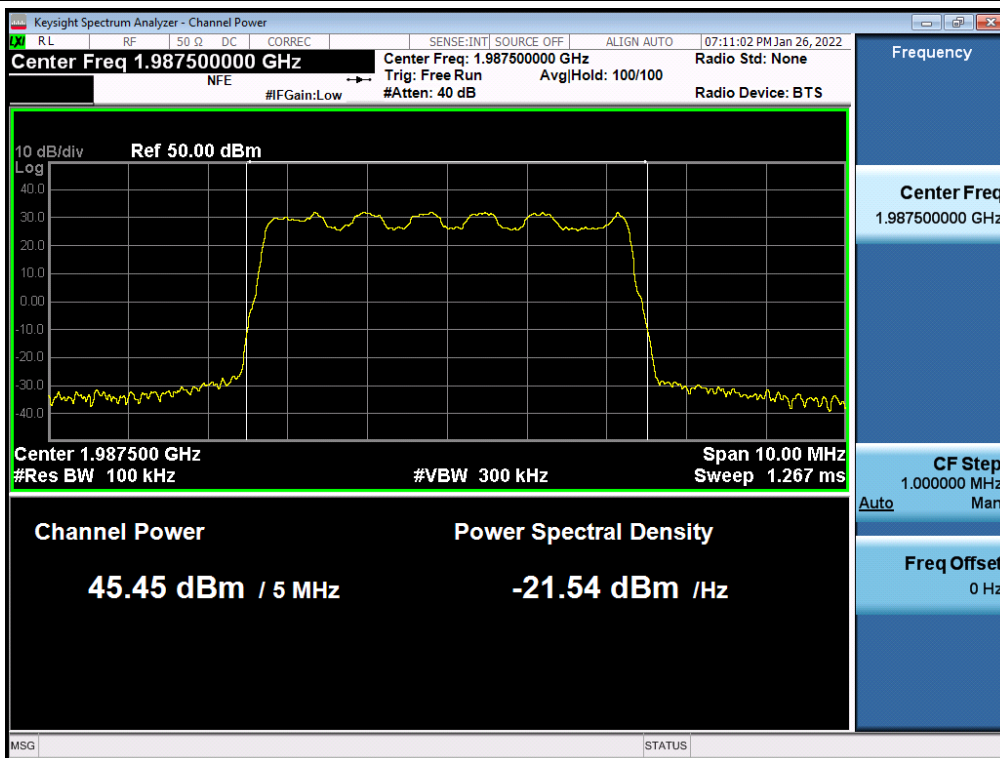
Antenna 0 / (4 Port) B2 DSS 20 MHz 5to5 1 Carrier / 256QAM / Low



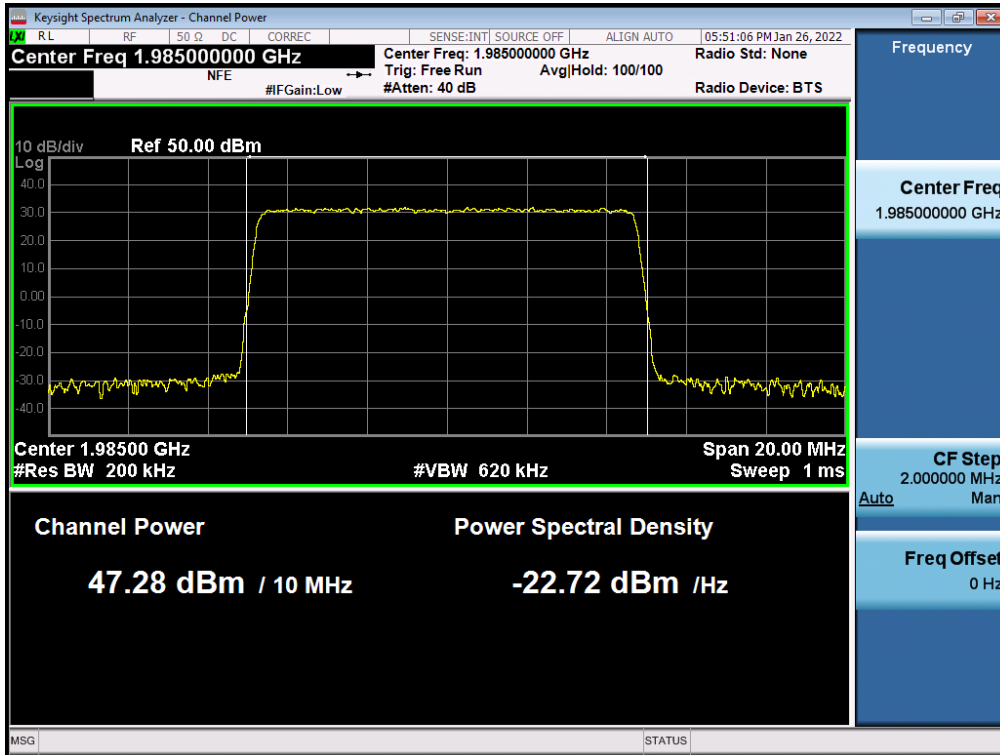
Antenna 1 / (4 Port) B2 DSS 20 MHz 9to1 1 Carrier / 16QAM / Low



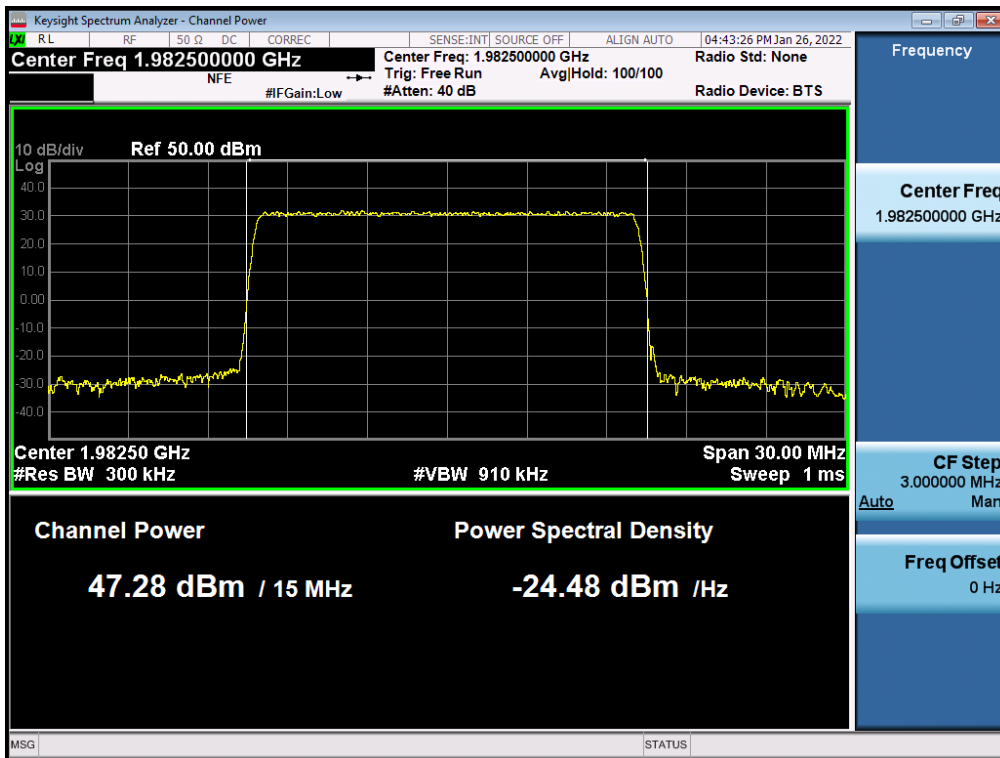
Antenna 0 / (2 Port) 5G NR n2 5 MHz 1 Carrier / 16QAM / High

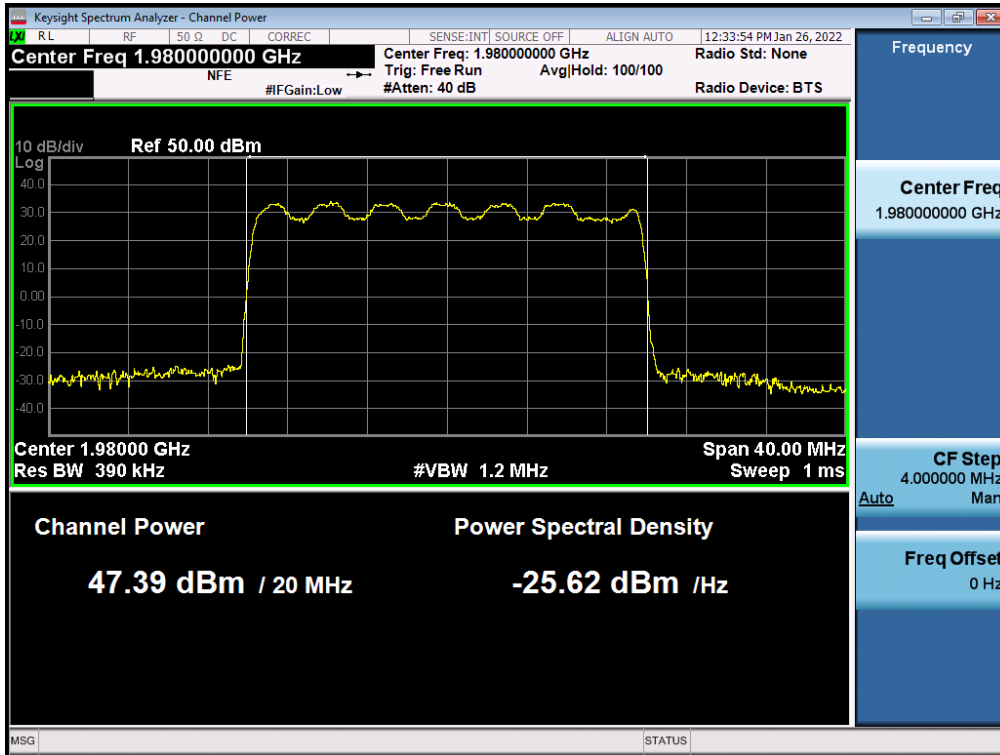
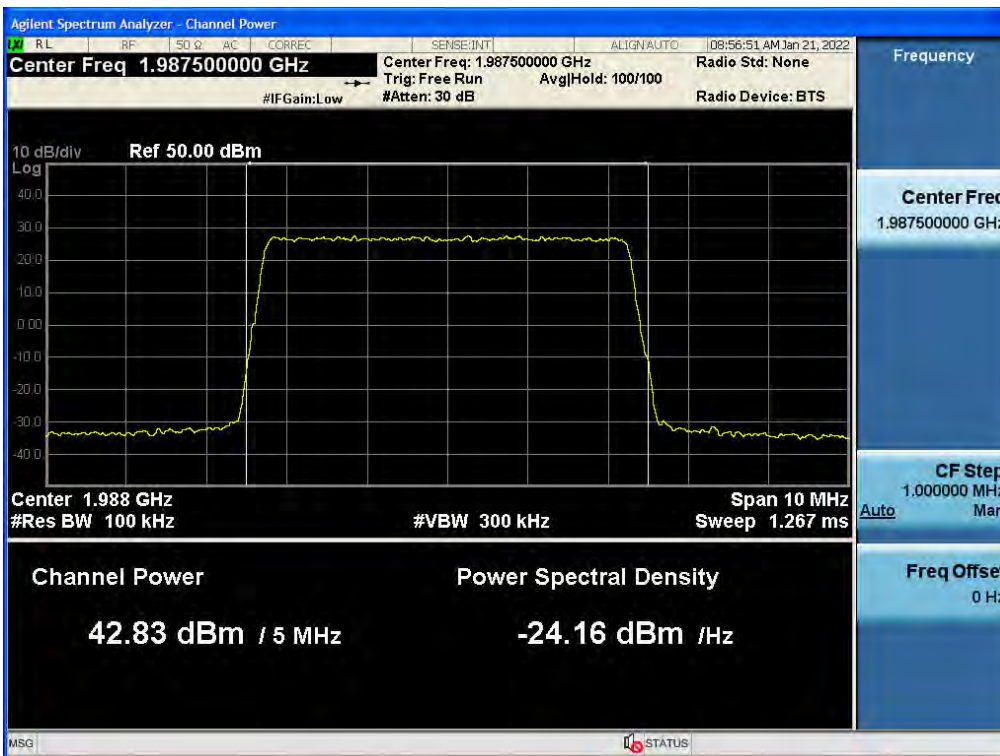


Antenna 0 / (2 Port) 5G NR n2 10 MHz 1 Carrier / QPSK / High

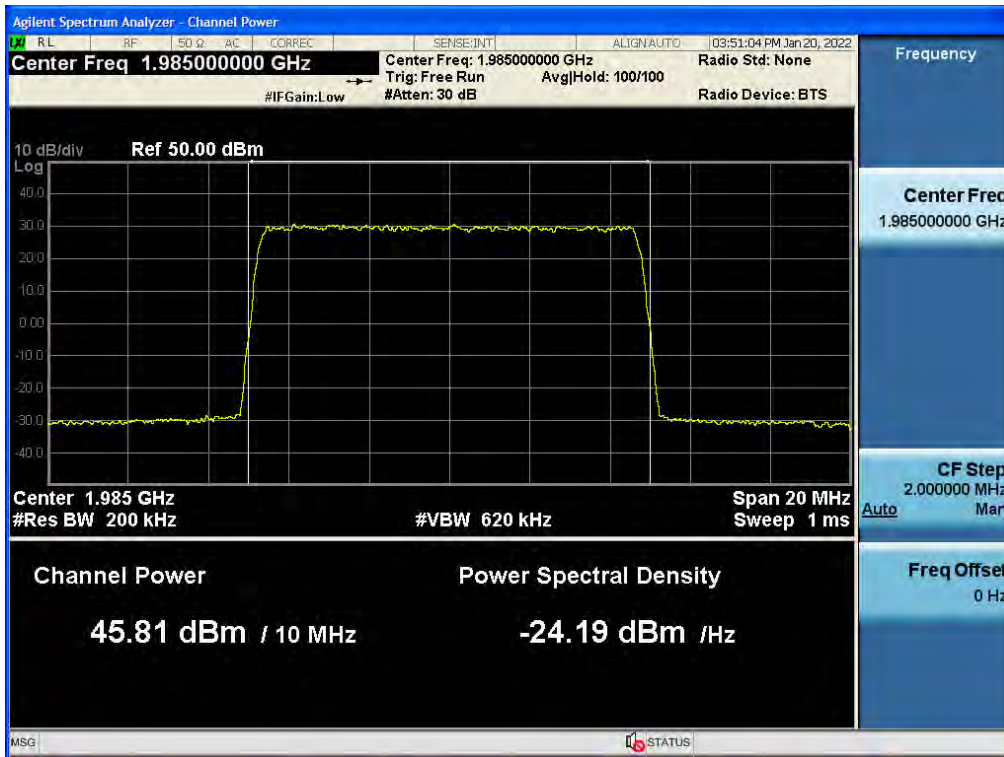


Antenna 0 / (2 Port) 5G NR n2 15 MHz 1 Carrier / 256QAM / High

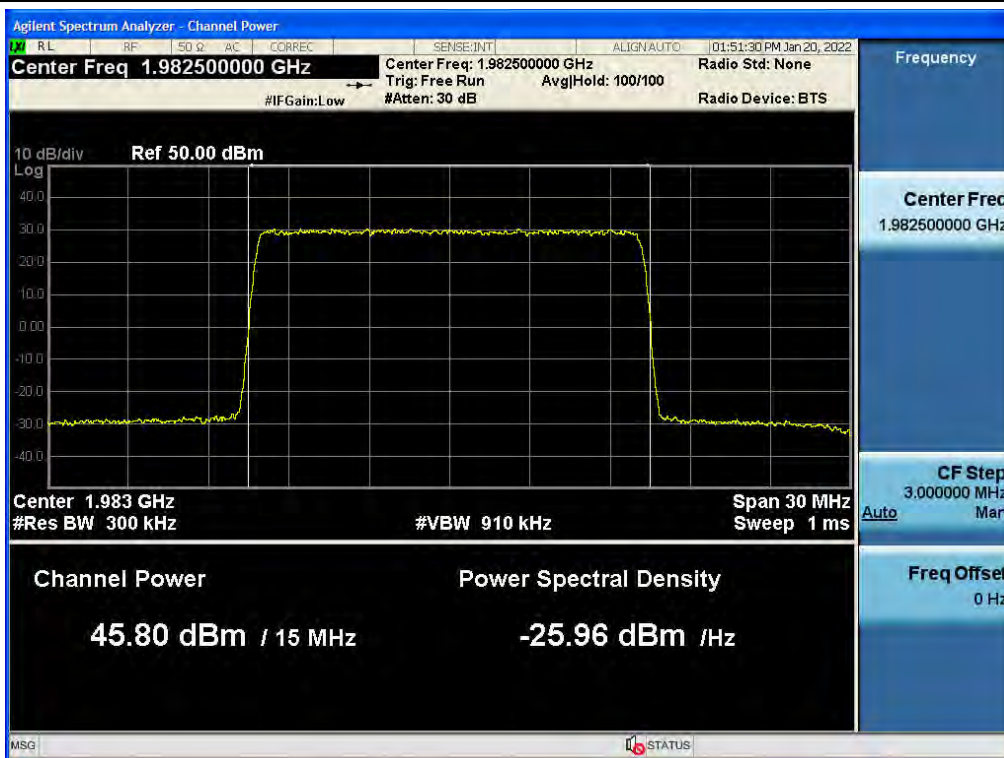


Antenna 0 / (2 Port) 5G NR n2 20 MHz 1 Carrier / 16QAM / High

Antenna 0 / (4 Port) 5G NR n2 5 MHz 1 Carrier / QPSK / High


Antenna 0 / (4 Port) 5G NR n2 10 MHz 1 Carrier / 256QAM / High



Antenna 0 / (4 Port) 5G NR n2 15 MHz 1 Carrier / 256QAM / High



Antenna 0 / (4 Port) 5G NR n2 20 MHz 1 Carrier / 64QAM / High



Antenna 0 / (2 Port) B66 DSS 10 MHz 2to8 1 Carrier / QPSK / High



Antenna 0 / (2 Port) B66 DSS 10 MHz 5to5 1 Carrier / 256QAM / Middle

Antenna 1 / (2 Port) B66 DSS 10 MHz 9to1 1 Carrier / QPSK / Middle


Antenna 0 / (2 Port) B66 DSS 15 MHz 2to8 1 Carrier / QPSK / Middle



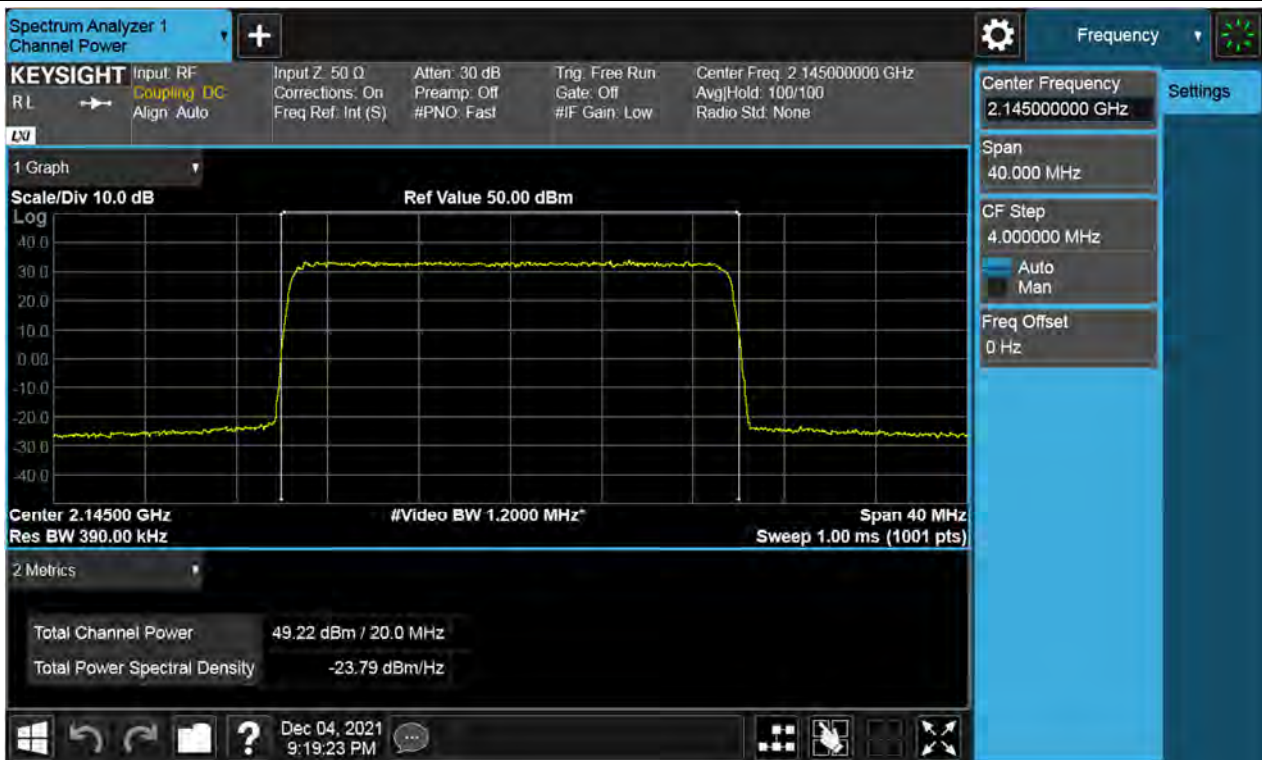
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Antenna 0 / (2 Port) B66 DSS 15 MHz 9to1 1 Carrier / QPSK / Middle



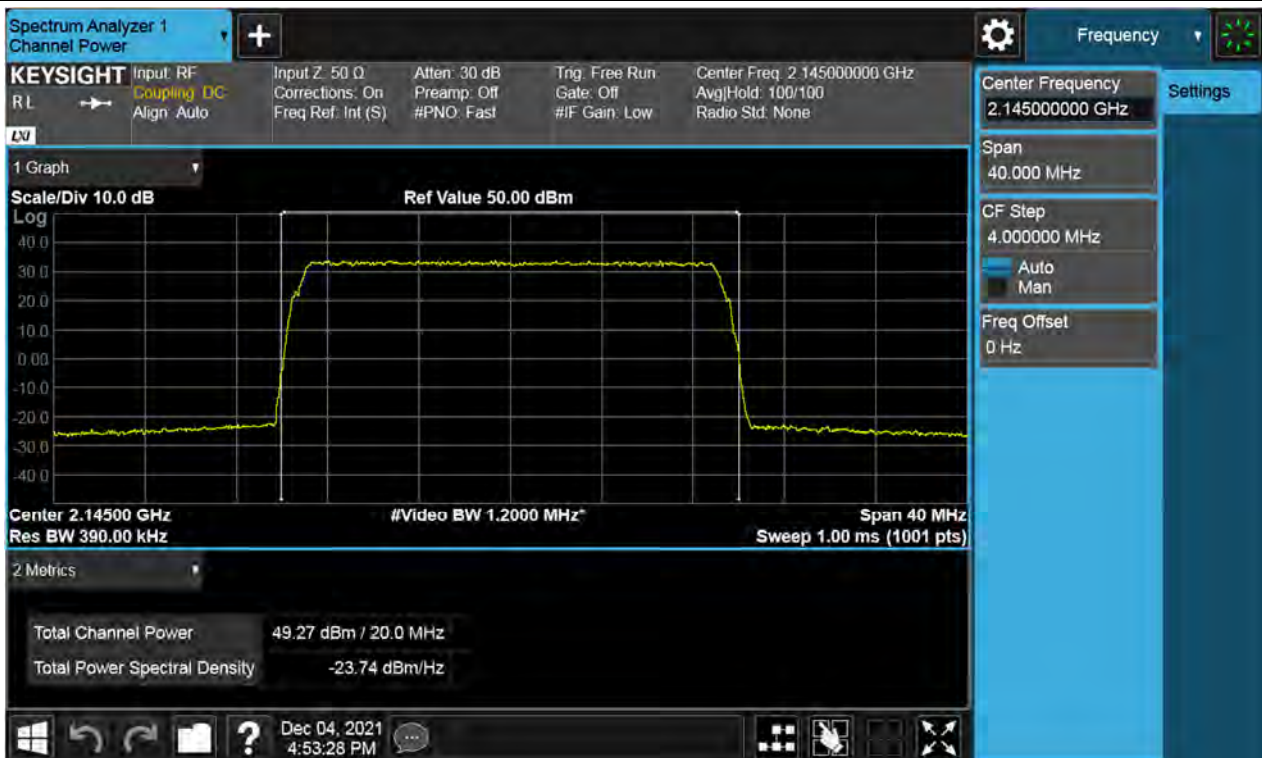
Antenna 0 / (2 Port) B66 DSS 20 MHz 2to8 1 Carrier / QPSK / Middle



Antenna 0 / (2 Port) B66 DSS 20 MHz 5to5 1 Carrier / QPSK / Middle



Antenna 0 / (2 Port) B66 DSS 20 MHz 9to1 1 Carrier / QPSK / Middle



Antenna 0 / (4 Port) B66 DSS 10 MHz 2to8 1 Carrier / QPSK / Middle

Antenna 2 / (4 Port) B66 DSS 10 MHz 5to5 1 Carrier / QPSK / Low


Antenna 2 / (4 Port) B66 DSS 10 MHz 9to1 1 Carrier / QPSK / Low

Antenna 0 / (4 Port) B66 DSS 15 MHz 2to8 1 Carrier / 64QAM / Middle


Antenna 2 / (4 Port) B66 DSS 15 MHz 5to5 1 Carrier / 256QAM / Low



Antenna 2 / (4 Port) B66 DSS 15 MHz 9to1 1 Carrier / 256QAM / Low



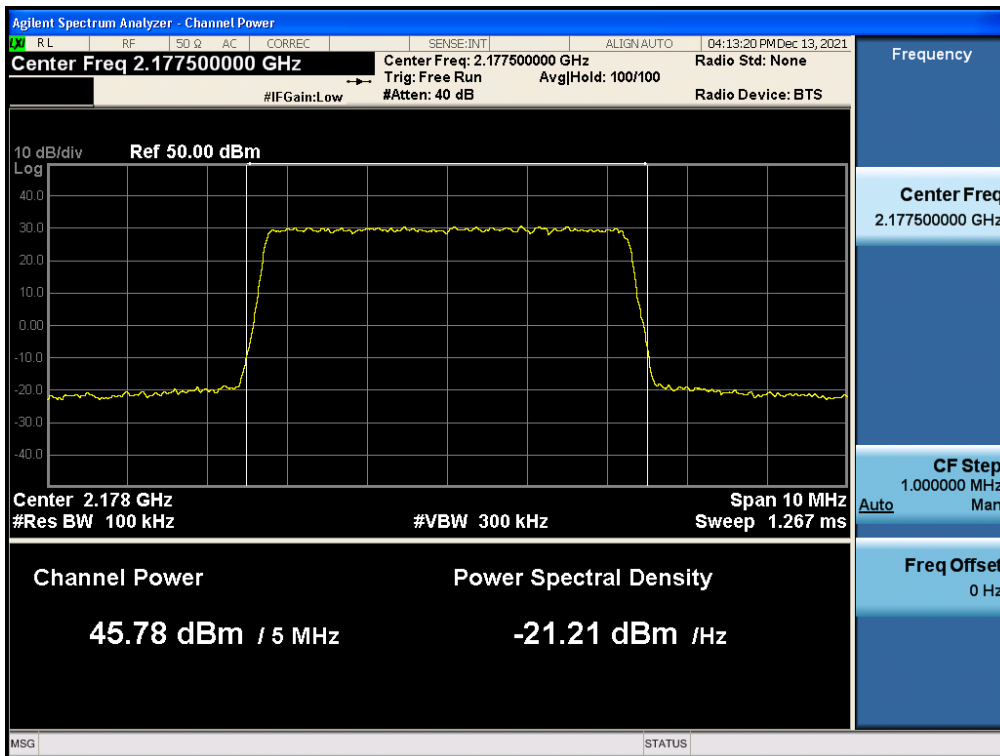
Antenna 1 / (4 Port) B66 DSS 20 MHz 2to8 1 Carrier / 64QAM / High

Antenna 1 / (4 Port) B66 DSS 20 MHz 5to5 1 Carrier / 16QAM / Middle

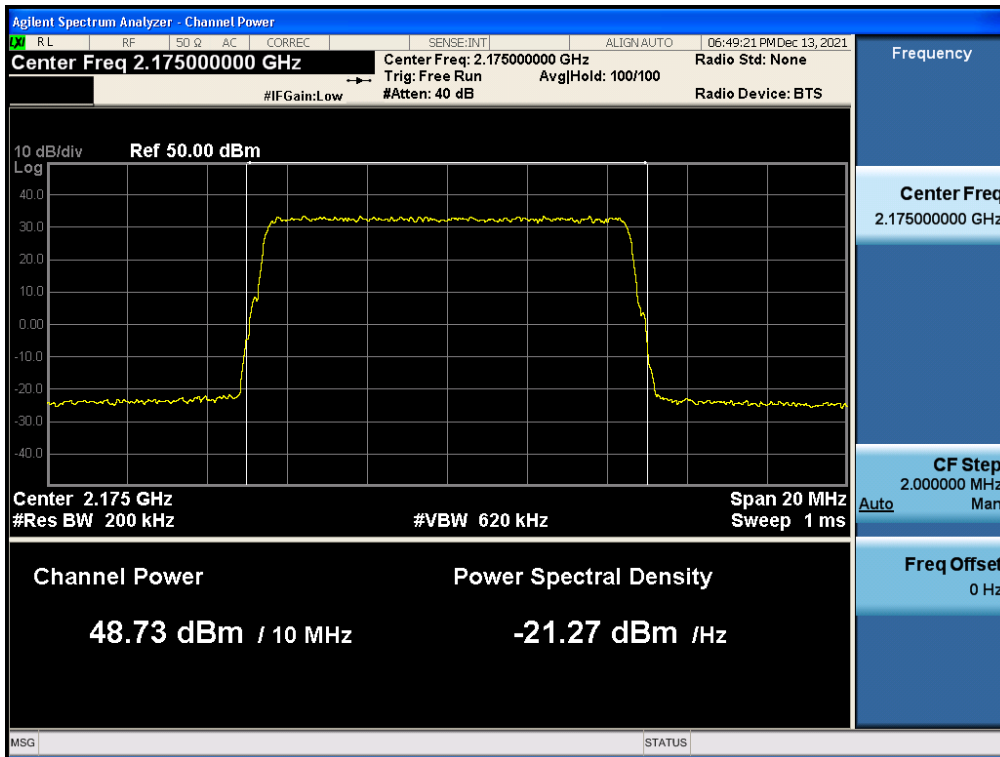

Antenna 0 / (4 Port) B66 DSS 20 MHz 9to1 1 Carrier / QPSK / Middle



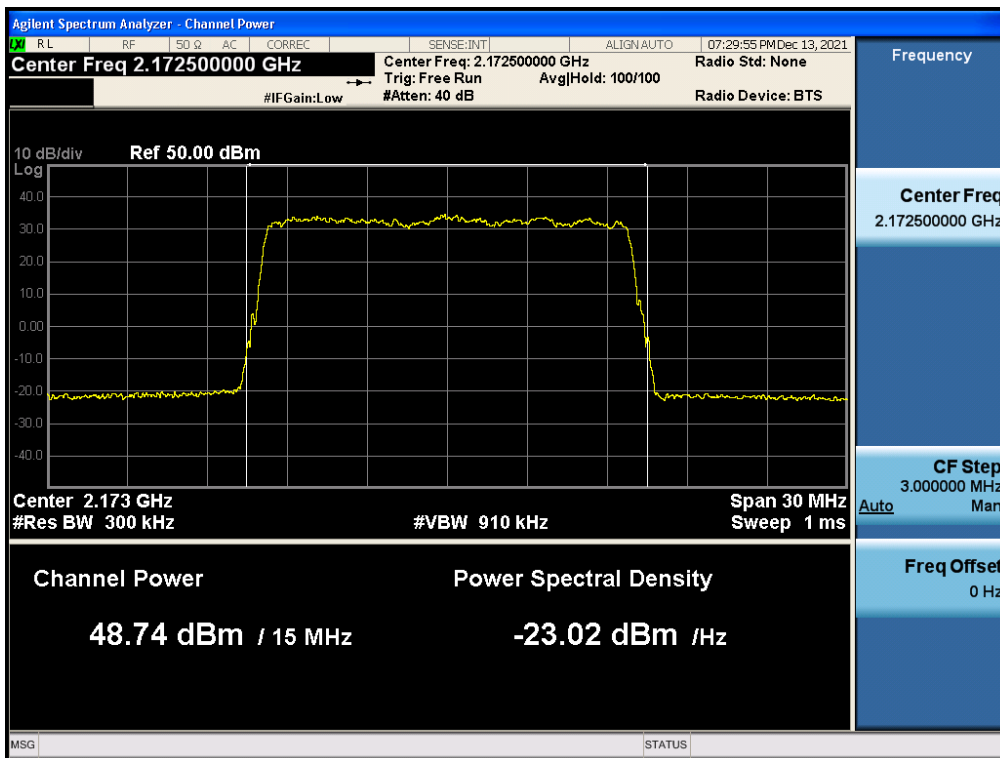
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier / QPSK / High



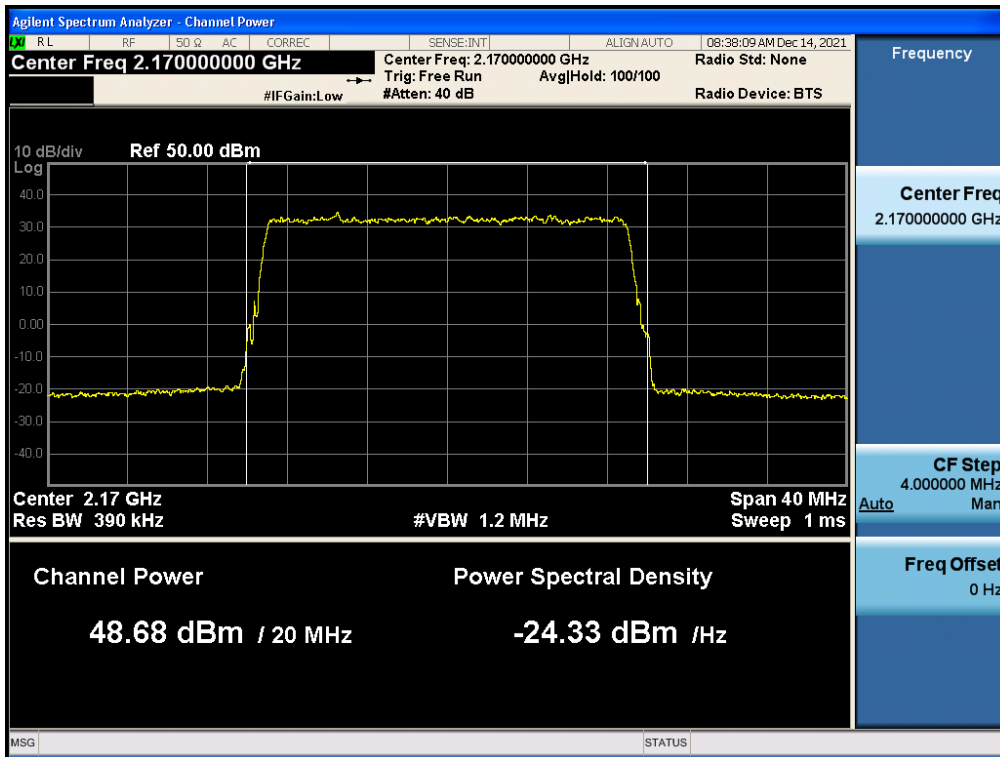
Antenna 1 / (2 Port) LTE B66 10 MHz 1 Carrier / QPSK / High



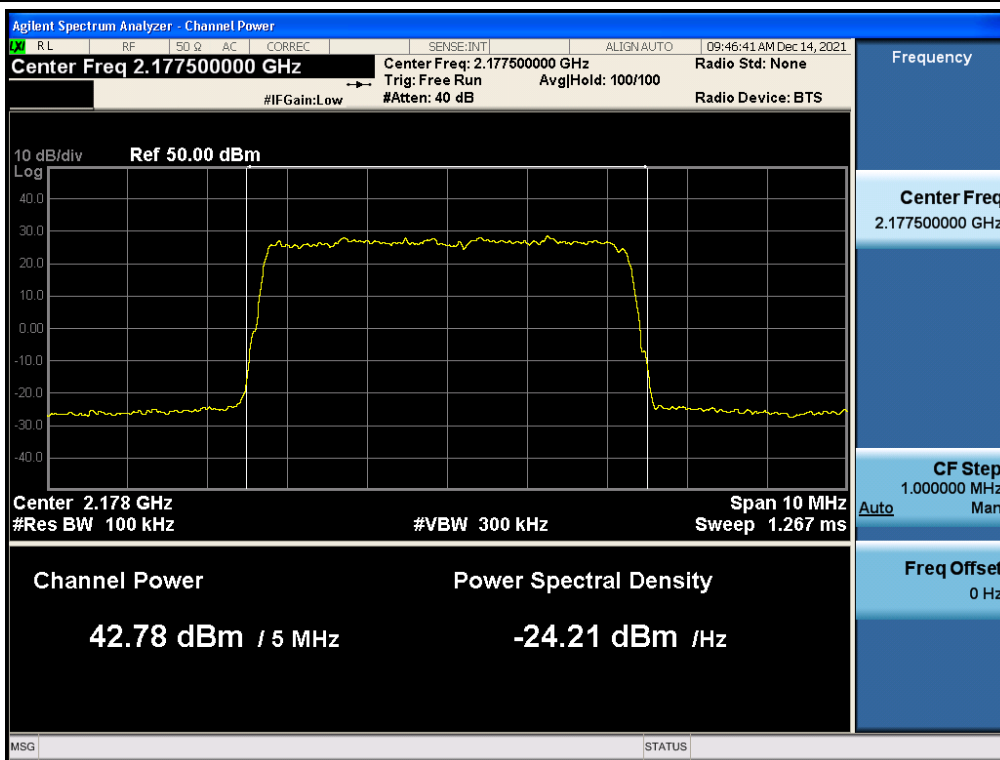
Antenna 1 / (2 Port) LTE B66 15 MHz 1 Carrier / 16QAM / High



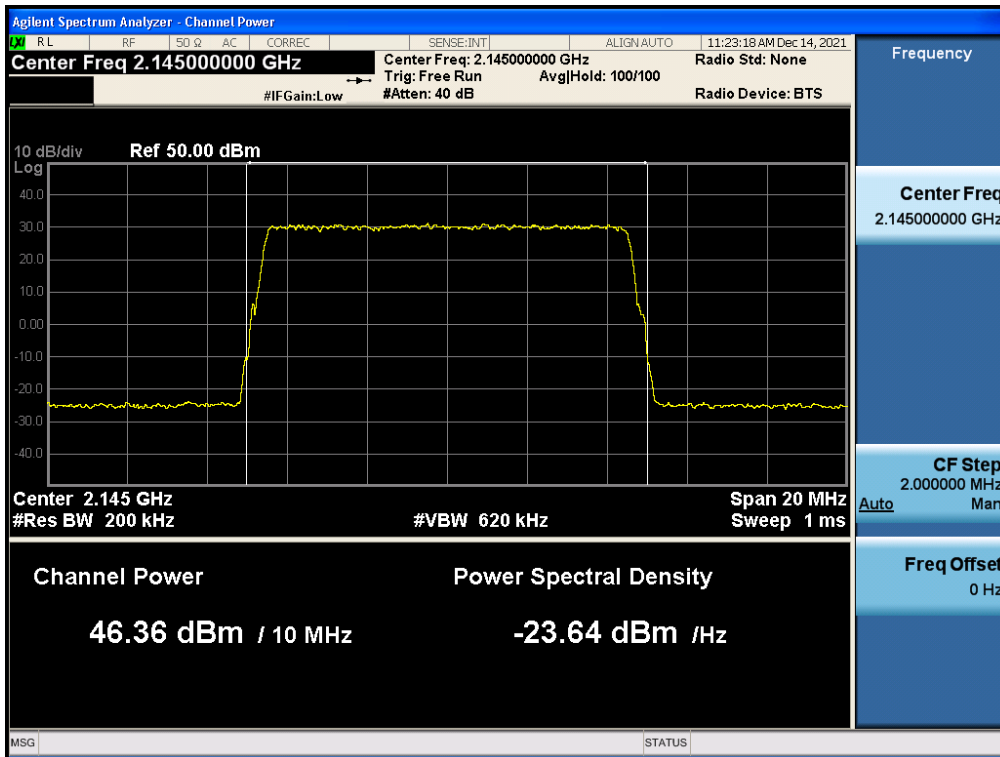
Antenna 1 / (2 Port) LTE B66 20 MHz 1 Carrier / 16QAM / High



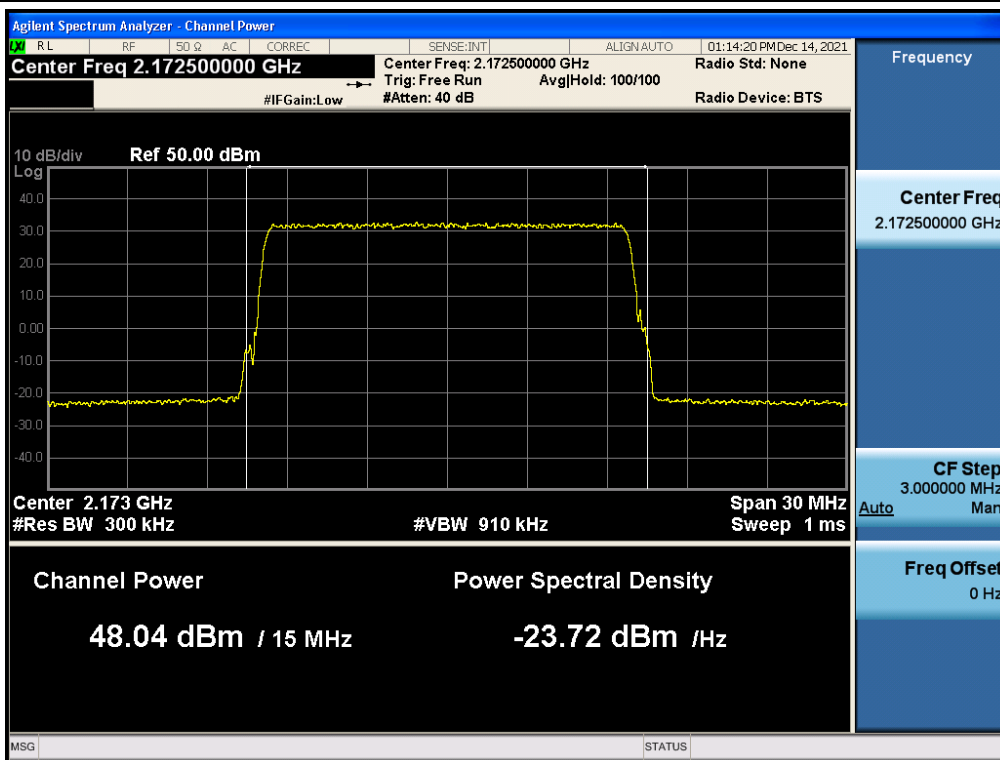
Antenna 0 / (4 Port) LTE B66 5 MHz 1 Carrier / 16QAM / High



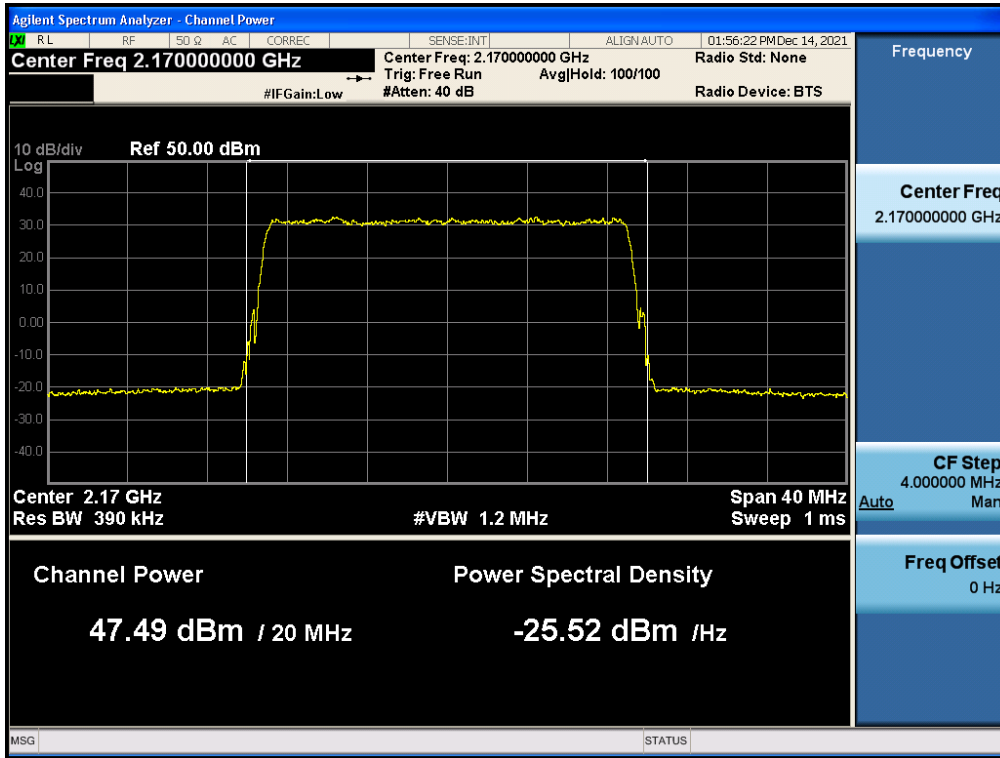
Antenna 3 / (4 Port) LTE B66 10 MHz 1 Carrier / QPSK / Middle



Antenna 3 / (4 Port) LTE B66 15 MHz 1 Carrier / QPSK / High



Antenna 0 / (4 Port) LTE B66 20 MHz 1 Carrier / 16QAM / High



Antenna 1 / (2 Port) 5G NR n66 5 MHz 1 Carrier / 16QAM / Middle



Antenna 1 / (2 Port) 5G NR n66 10 MHz 1 Carrier / 64QAM / Middle

Antenna 1 / (2 Port) 5G NR n66 15 MHz 1 Carrier / 64QAM / Middle


Antenna 1 / (2 Port) 5G NR n66 20 MHz 1 Carrier / QPSK / Low



Antenna 3 / (4 Port) 5G NR n66 5 MHz 1 Carrier / 256QAM / Middle



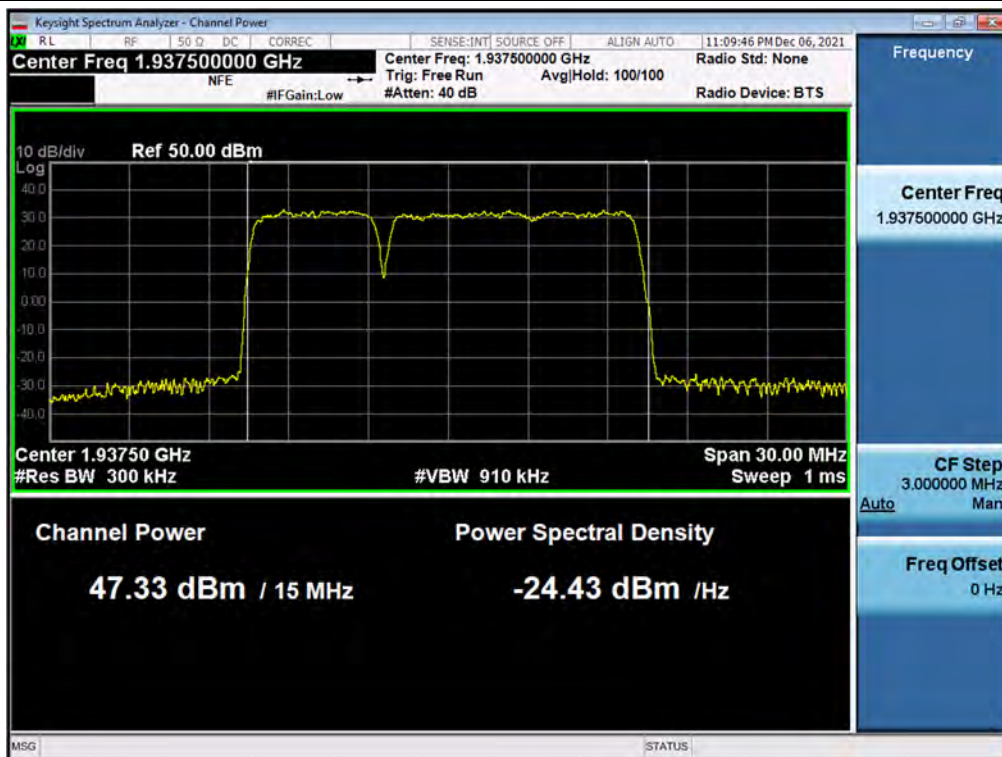
Antenna 3 / (4 Port) 5G NR n66 10 MHz 1 Carrier / 256QAM / Low

Antenna 3 / (4 Port) 5G NR n66 15 MHz 1 Carrier / QPSK / Low

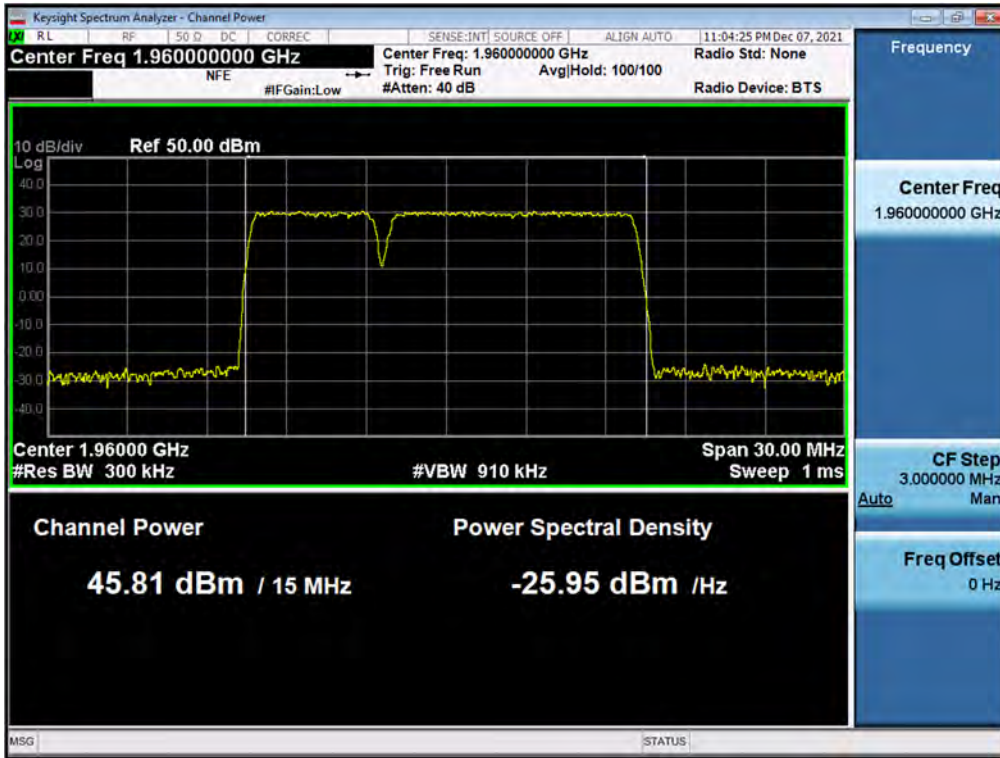

Antenna 2 / (4 Port) 5G NR n66 20 MHz 1 Carrier / QPSK / Low



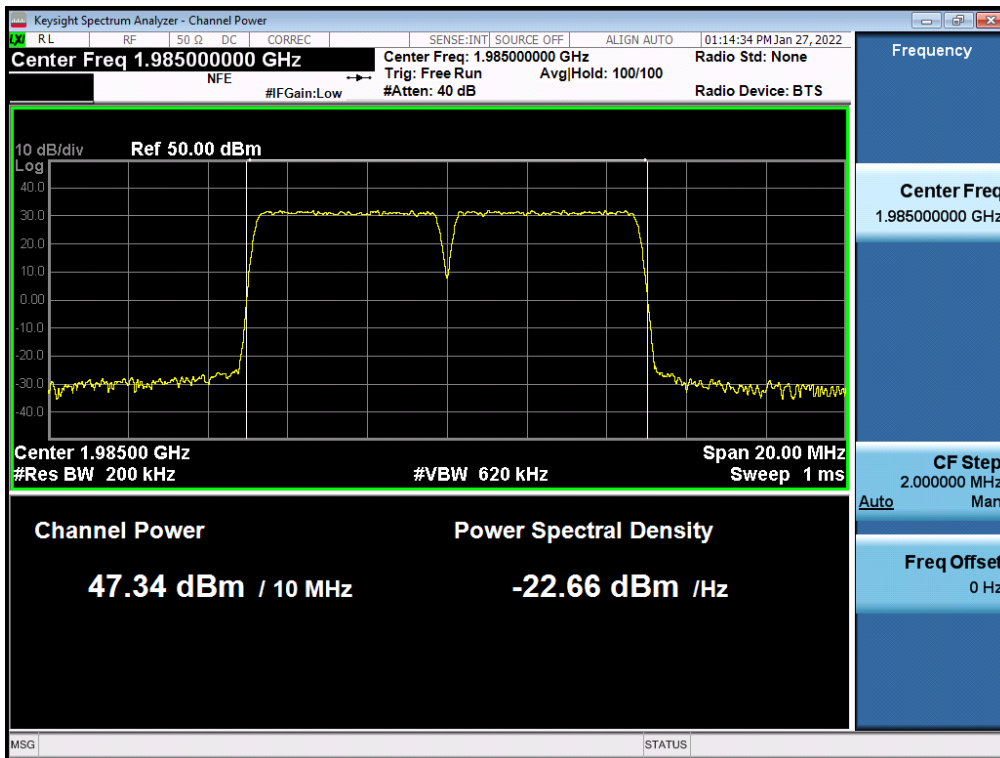
Antenna 0 / (2 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



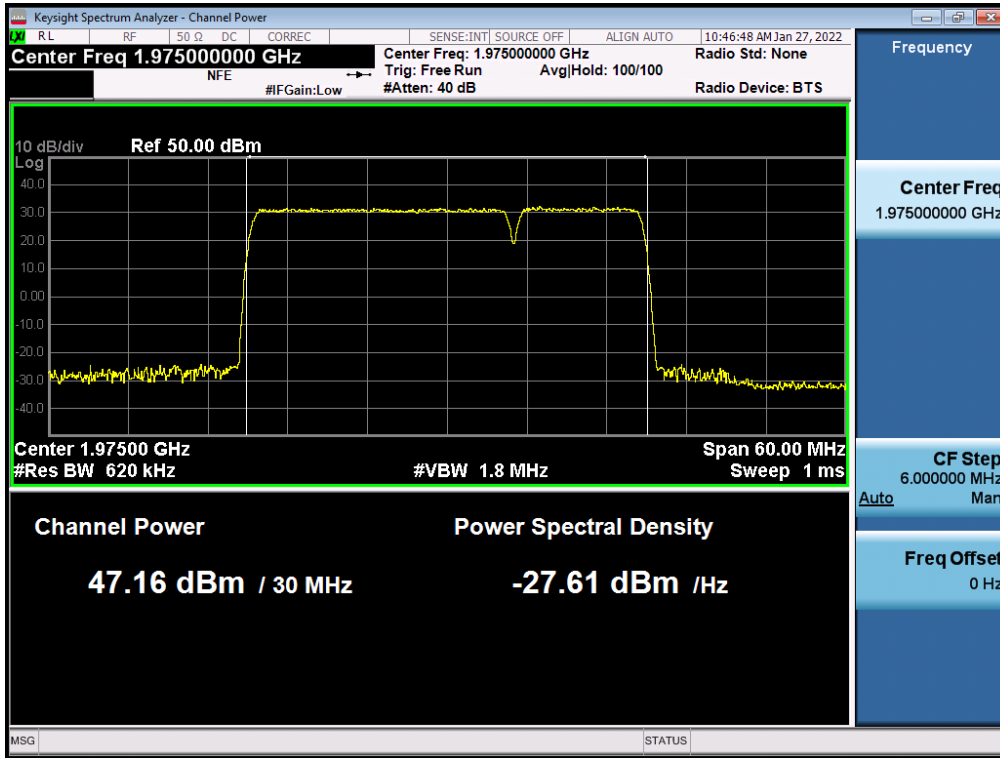
Antenna 0 / (4 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Middle



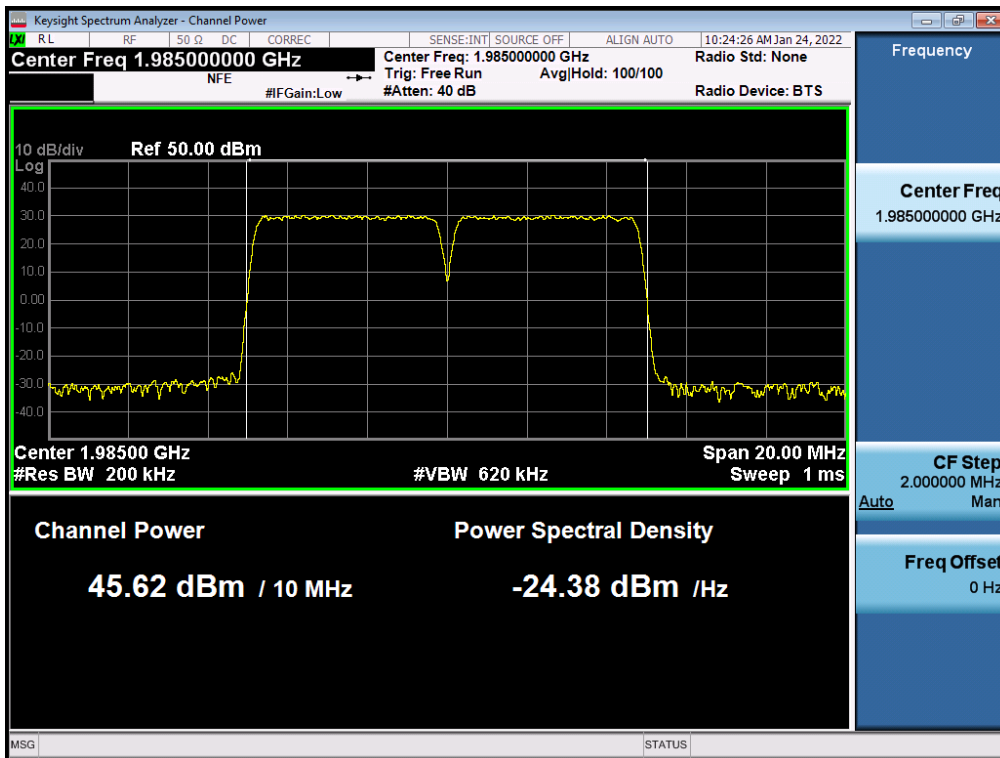
Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

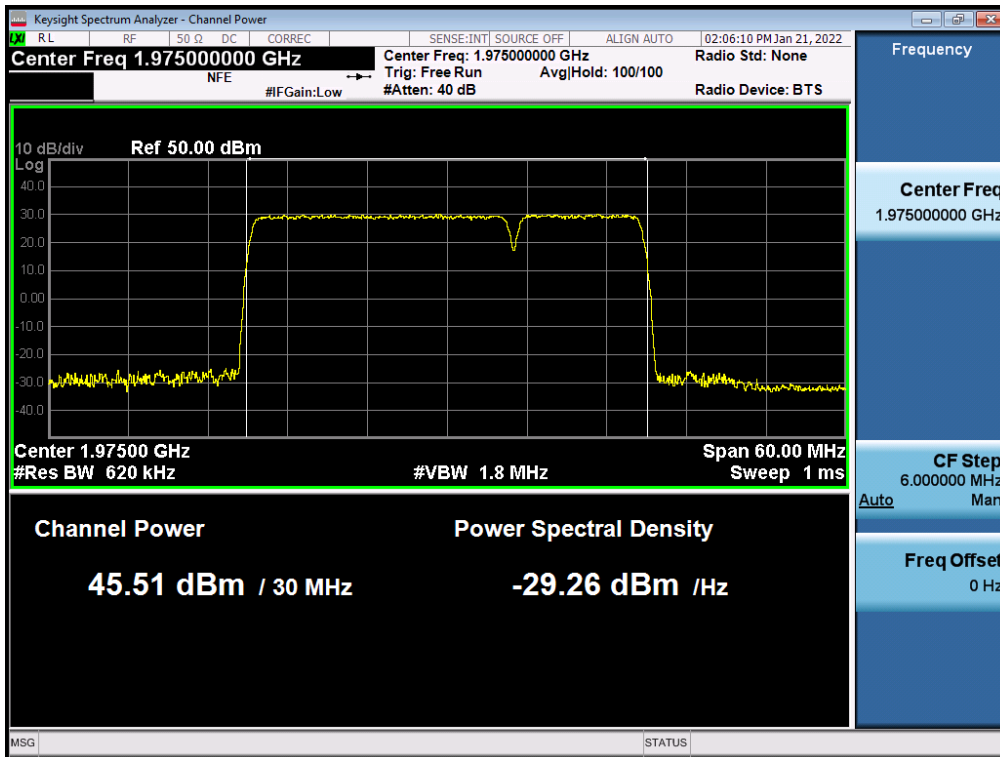


Antenna 0 / (2 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



Antenna 0 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

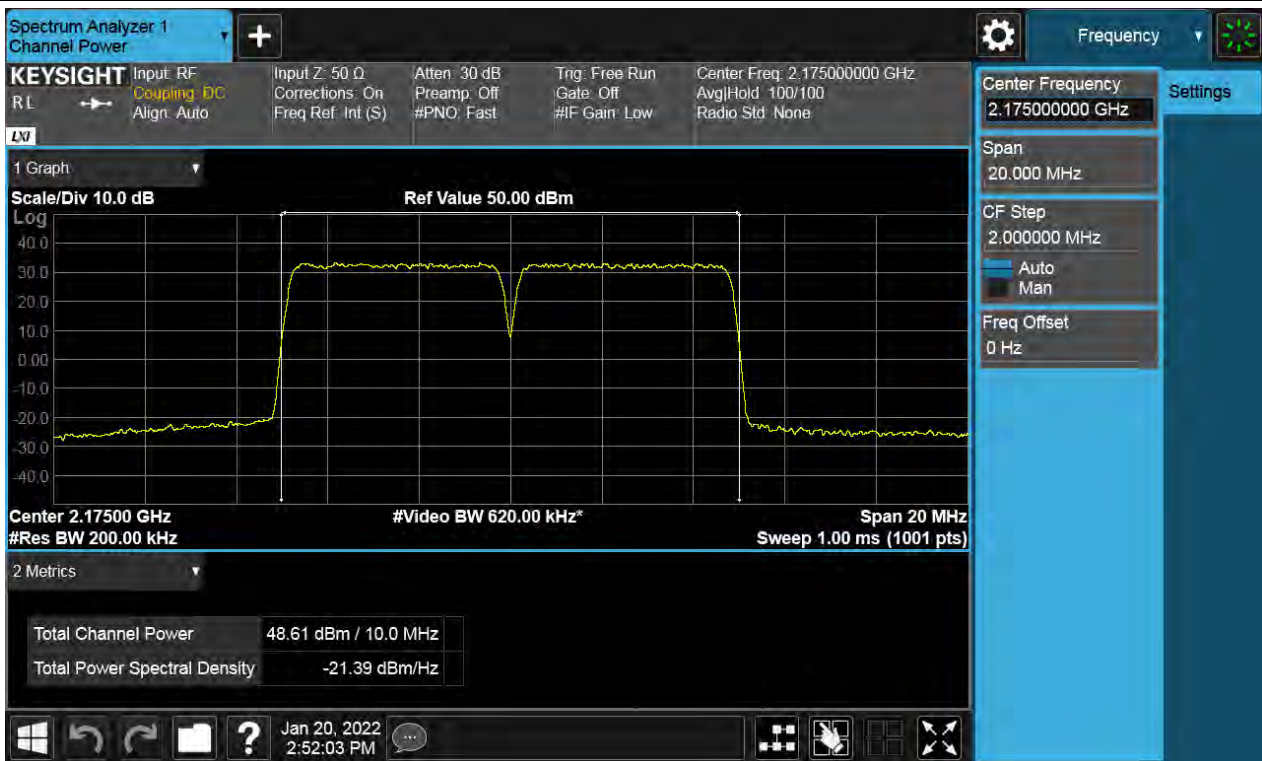


Antenna 0 / (4 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High

Antenna 0 / (2 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High


Antenna 0 / (4 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



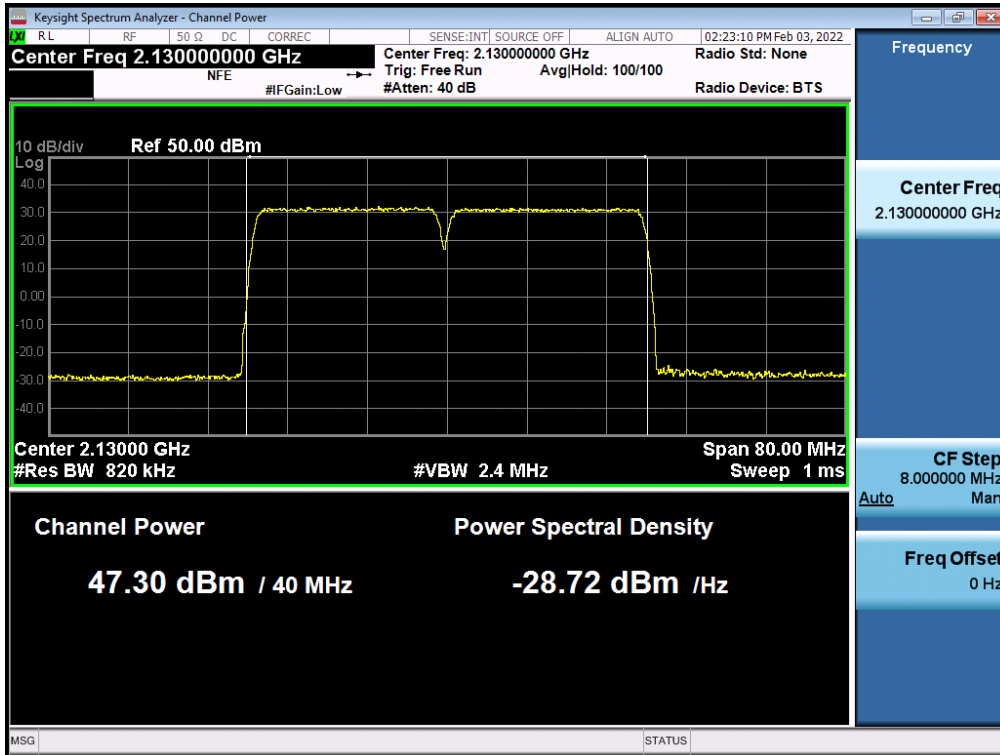
Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



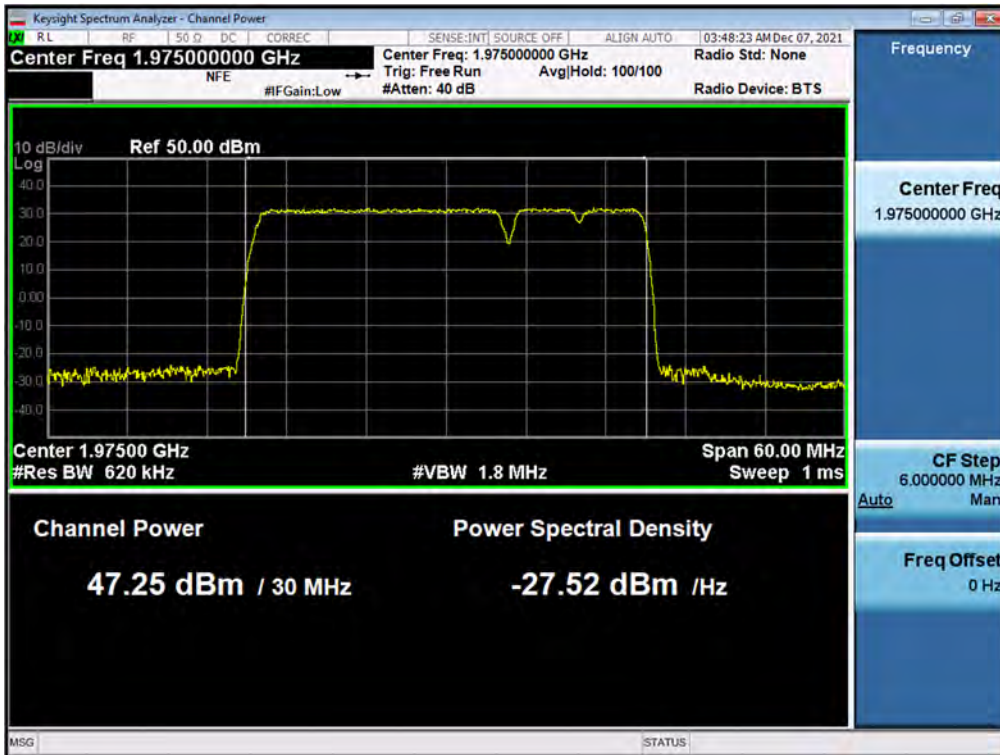
Antenna 1 / (2 Port) LTE B66 20 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High

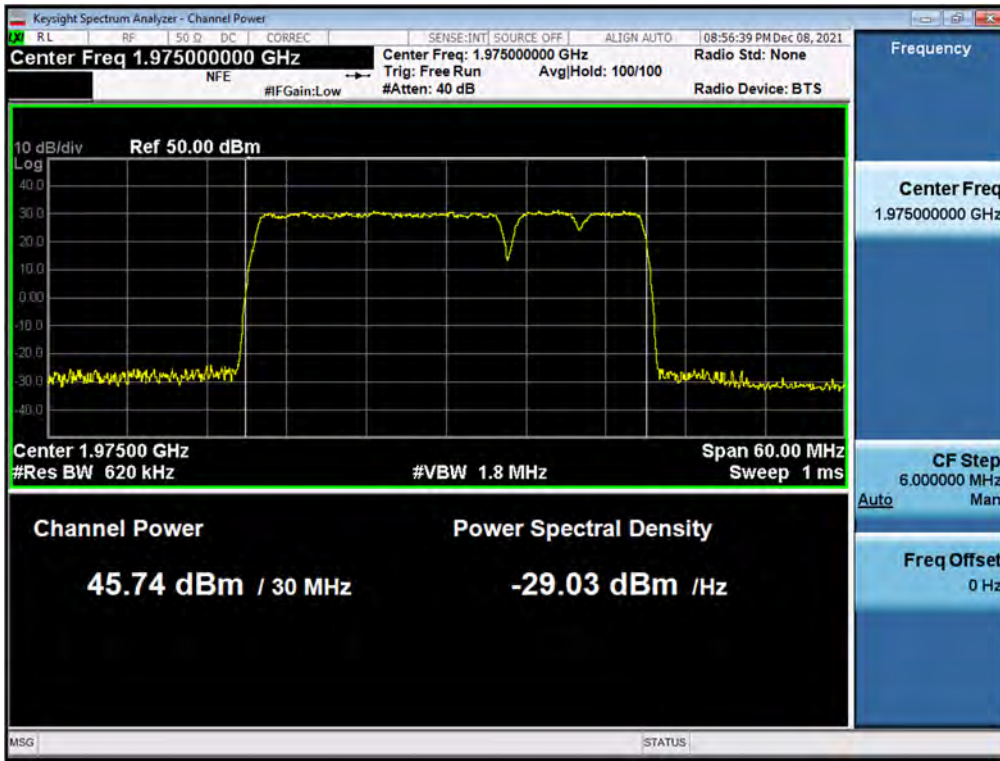

Antenna 1 / (4 Port) LTE B66 20 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



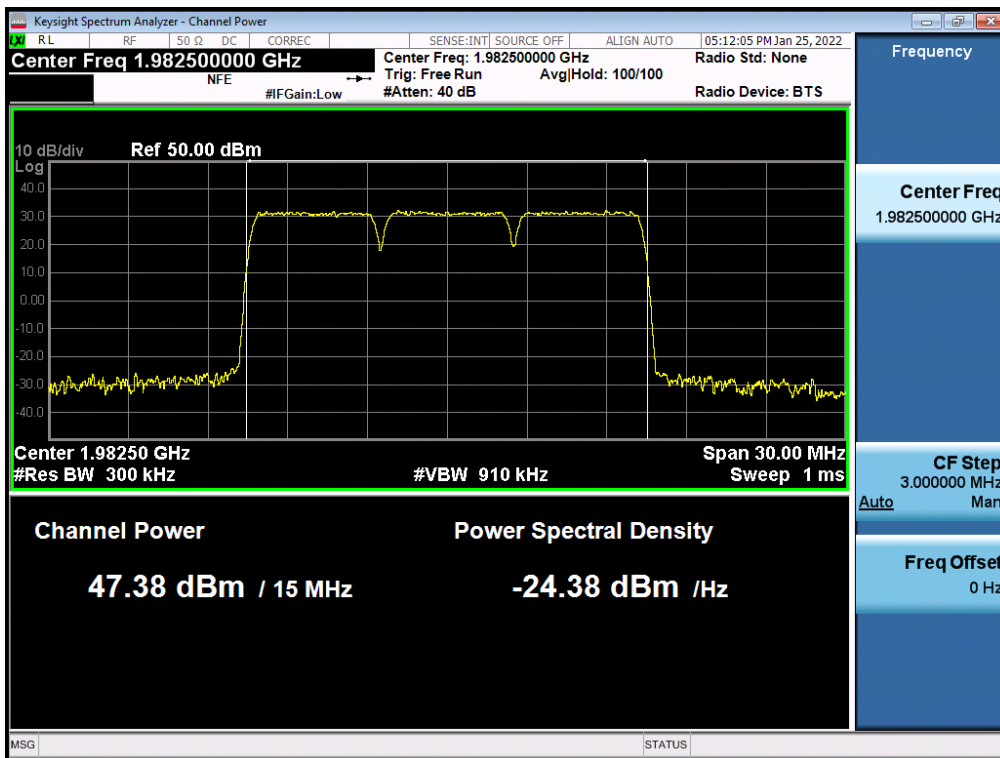
Antenna 0 / (2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] / Contiguous / QPSK / High



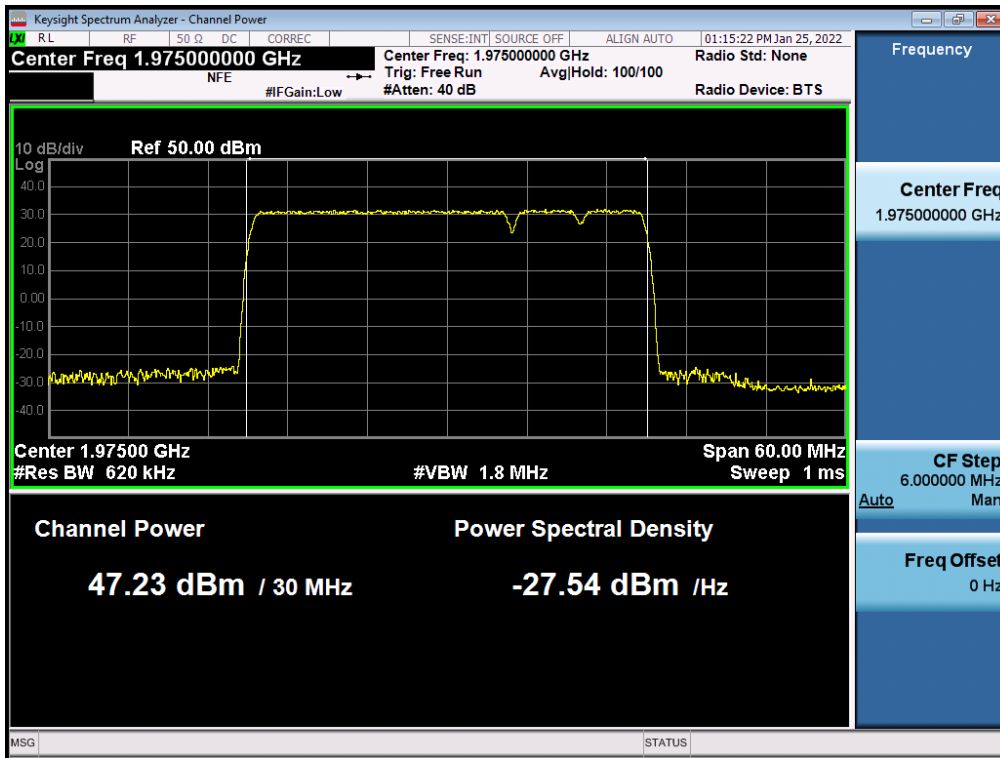
Antenna 0 / (4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / High



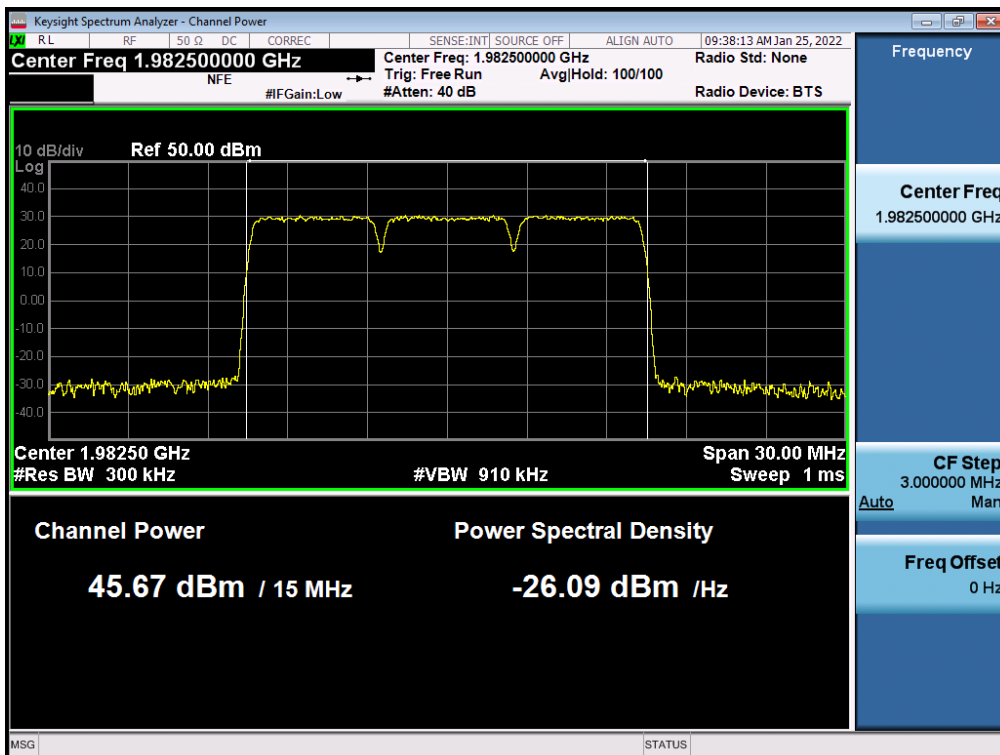
Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / High



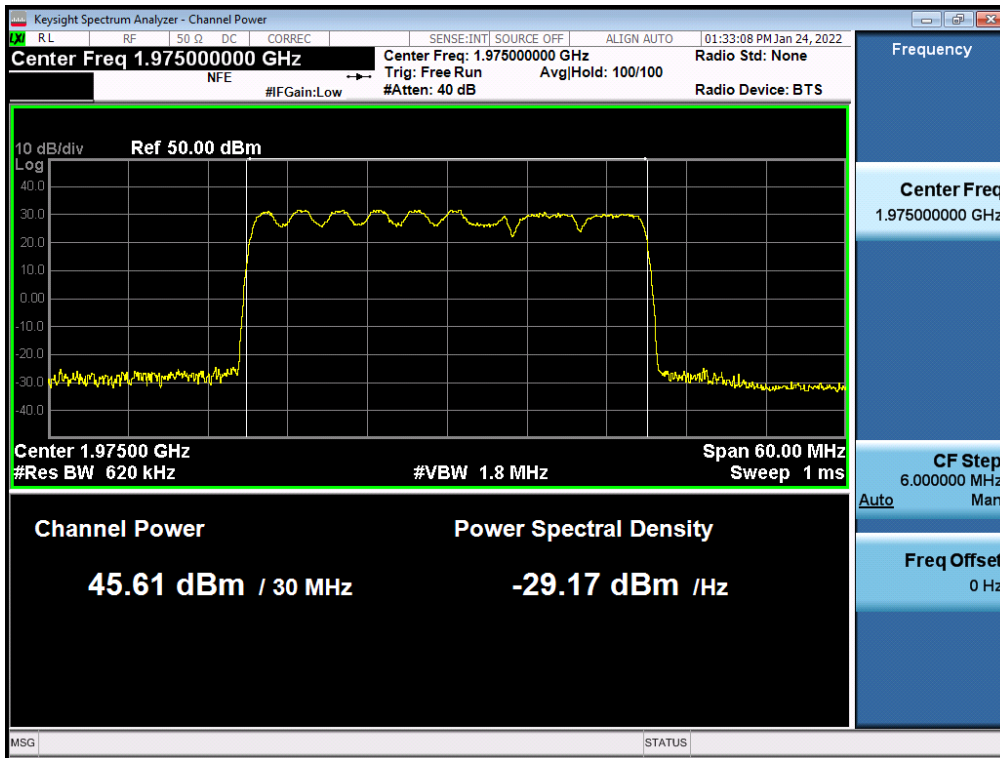
Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / High



Antenna 0 / (4 Port) LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / High



Antenna 0 / (4 Port) LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / High



Antenna 0 / (2 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier [4 Carrier] / Contiguous / QPSK / Low



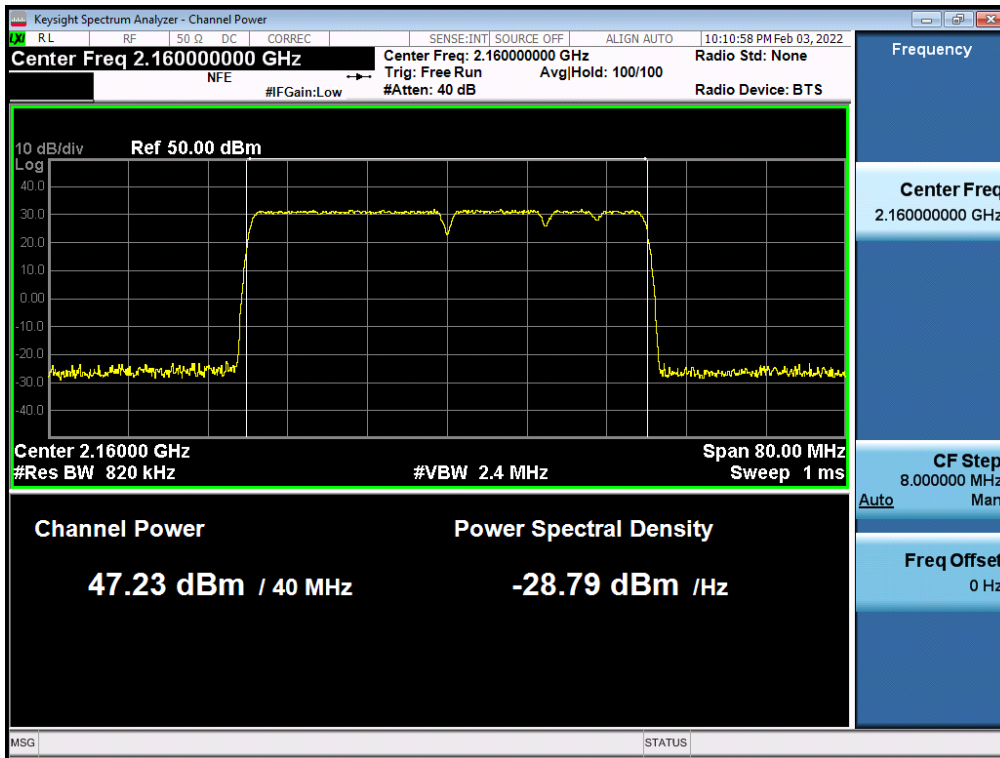
Antenna 0 / (4 Port) B66 DSS 20 MHz 9to1 1 Carrier + LTE B66 10 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier [4 Carrier] / Contiguous / 16QAM / Low

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

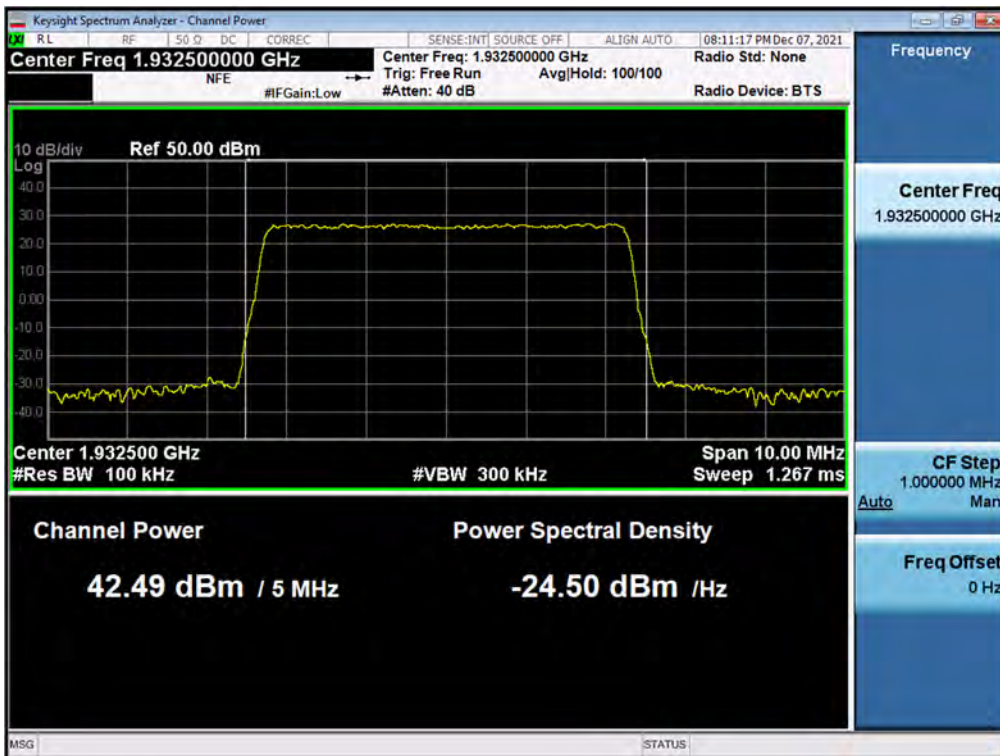

Antenna 1 / (2 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] / Contiguous / QPSK / Middle

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

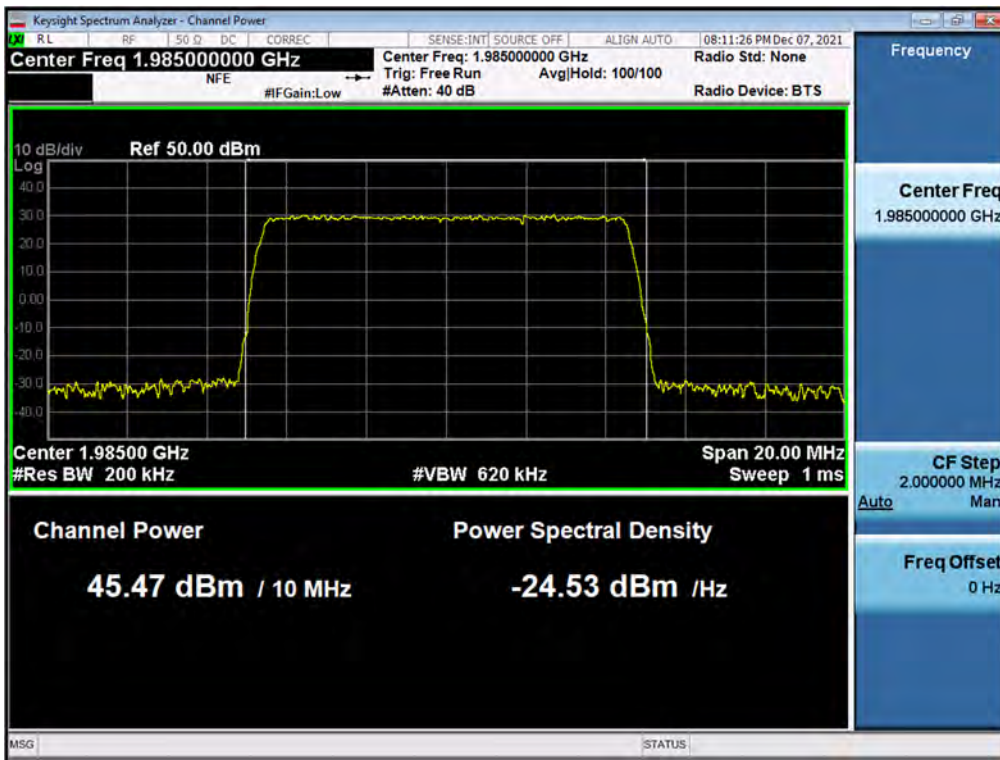

Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [4 Carrier] / Contiguous / 64QAM / High



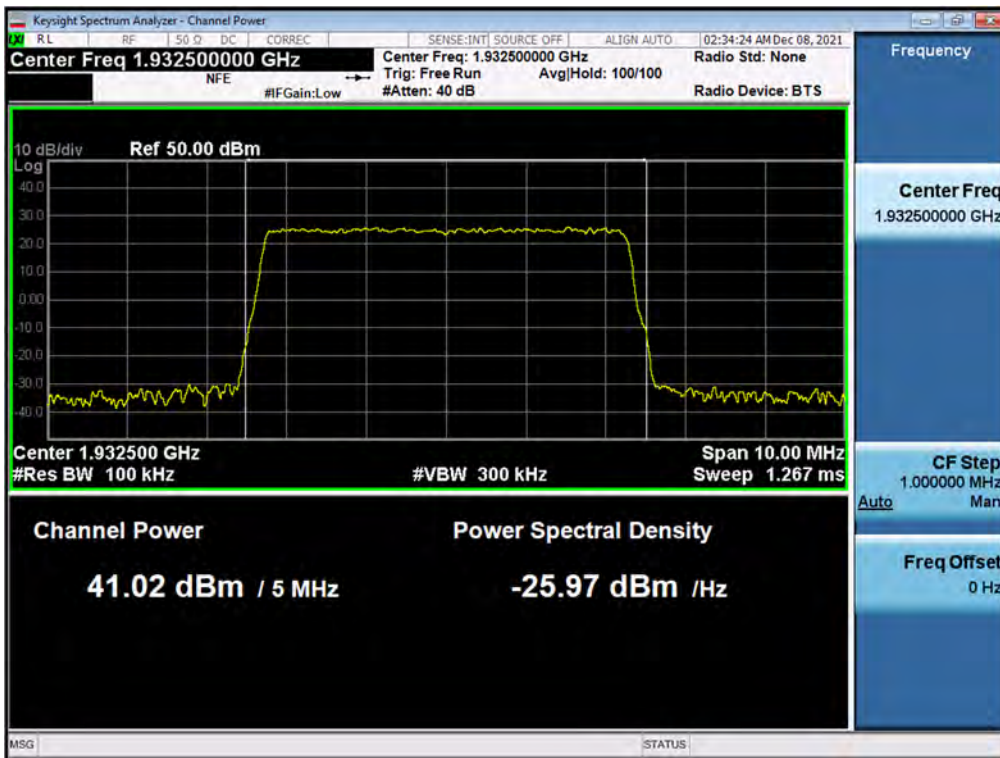
Antenna 0 / (2 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B2 DSS 10 MHz 9to1 / 256QAM / Low



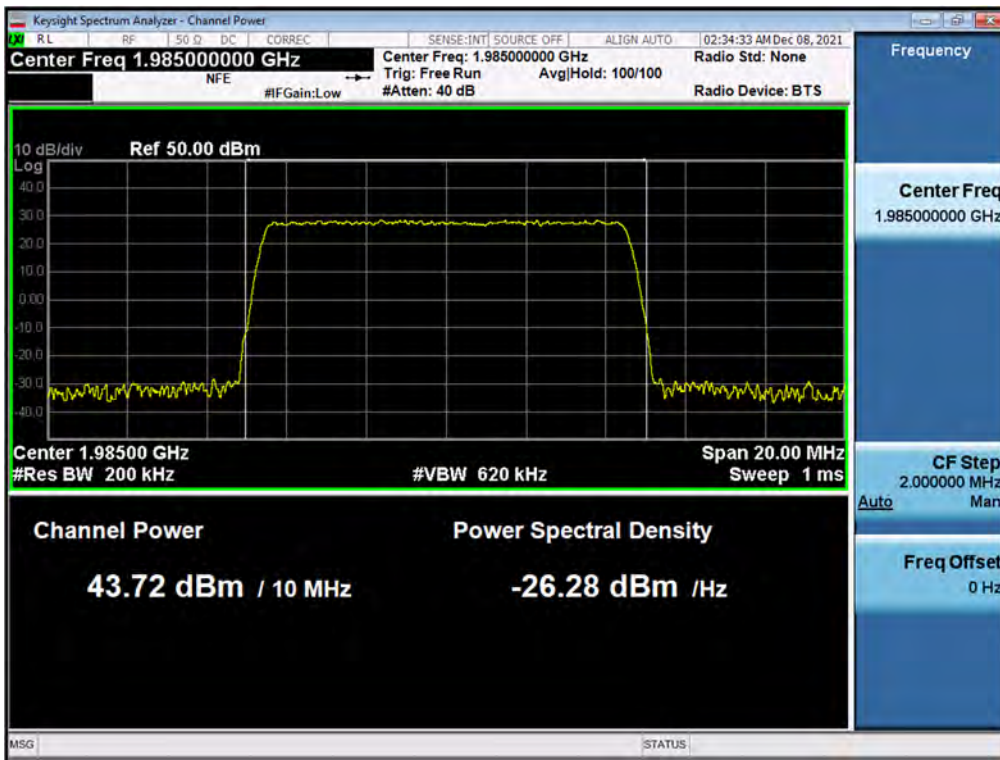
Antenna 0 / (2 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B2 5 MHz / 256QAM / High



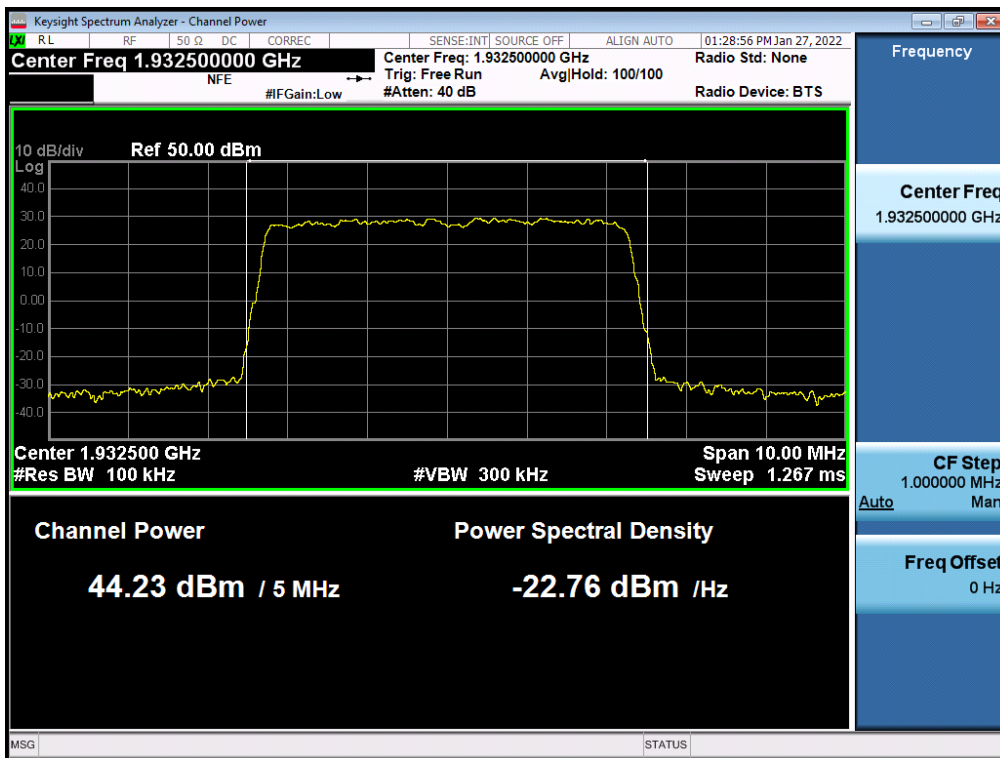
Antenna 1 / (4 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B2 DSS 10 MHz 9to1 / 256QAM / Low



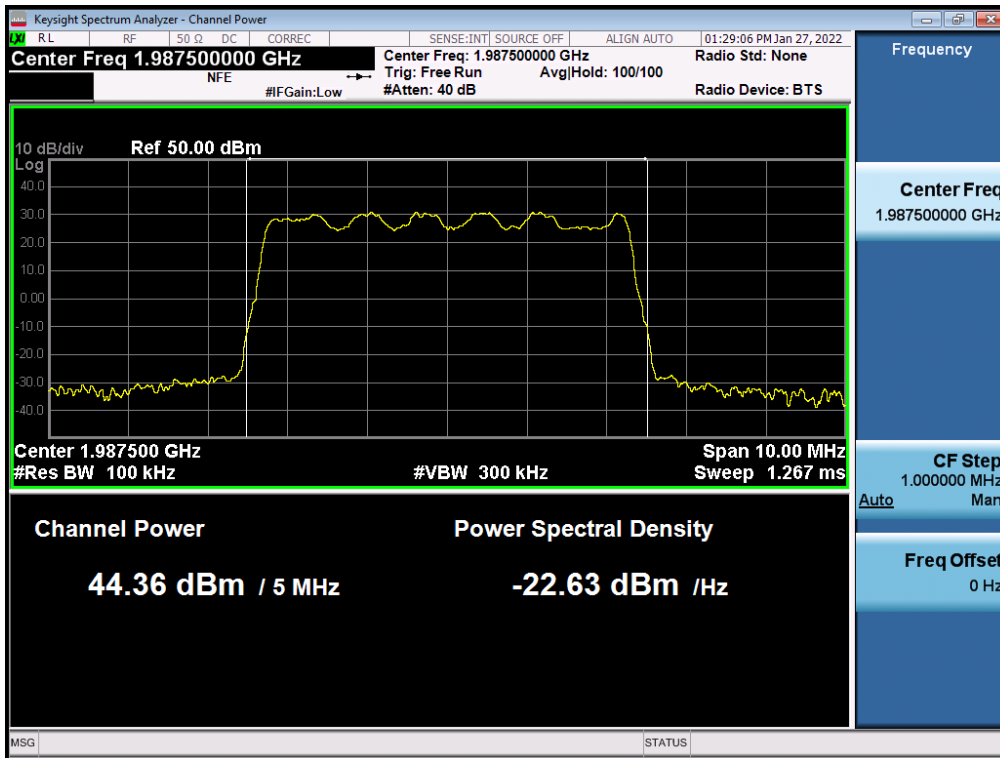
Antenna 1 / (4 Port) B2 DSS 10 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B2 5 MHz / 256QAM / High



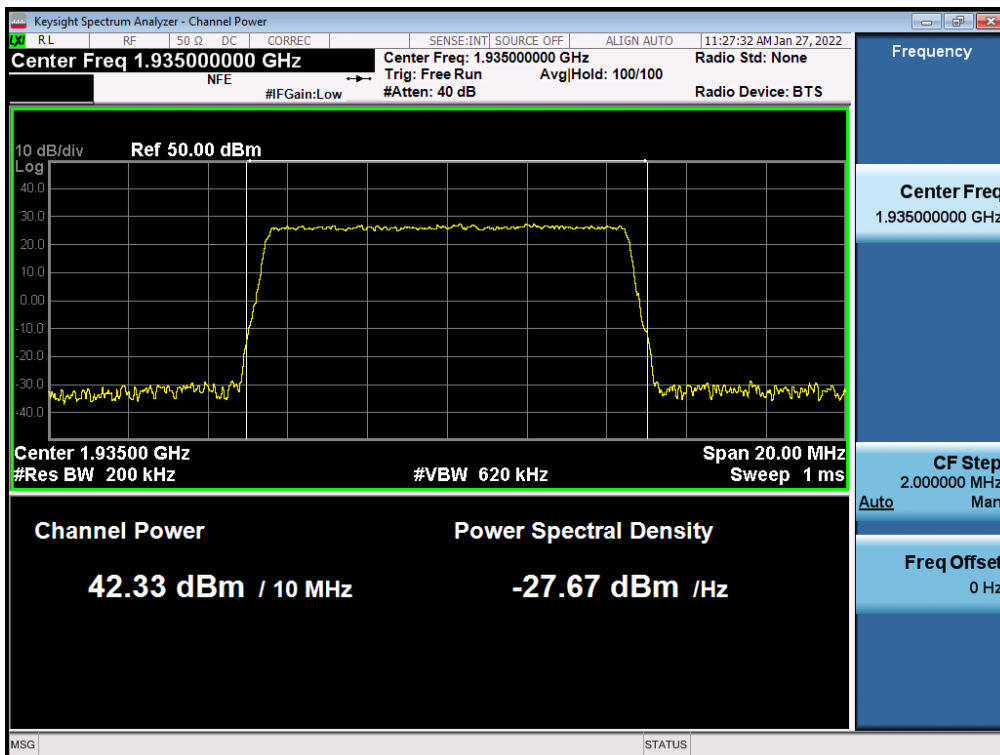
Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B2 5 MHz / 16QAM / Low



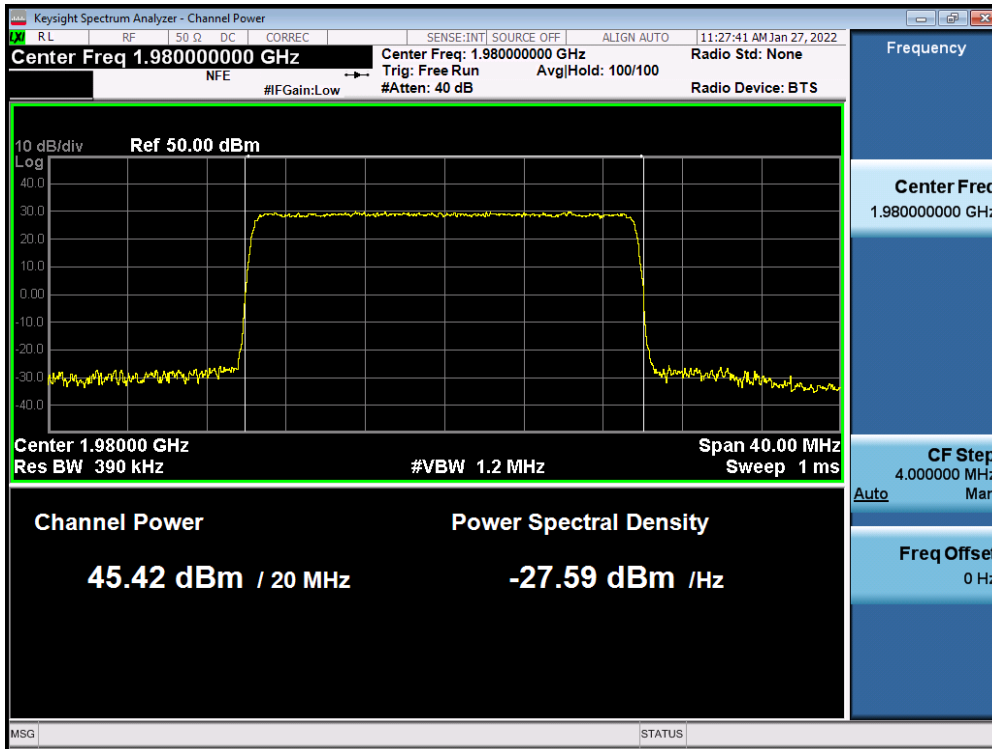
Antenna 0 / (2 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n2 5 MHz / 16QAM / High



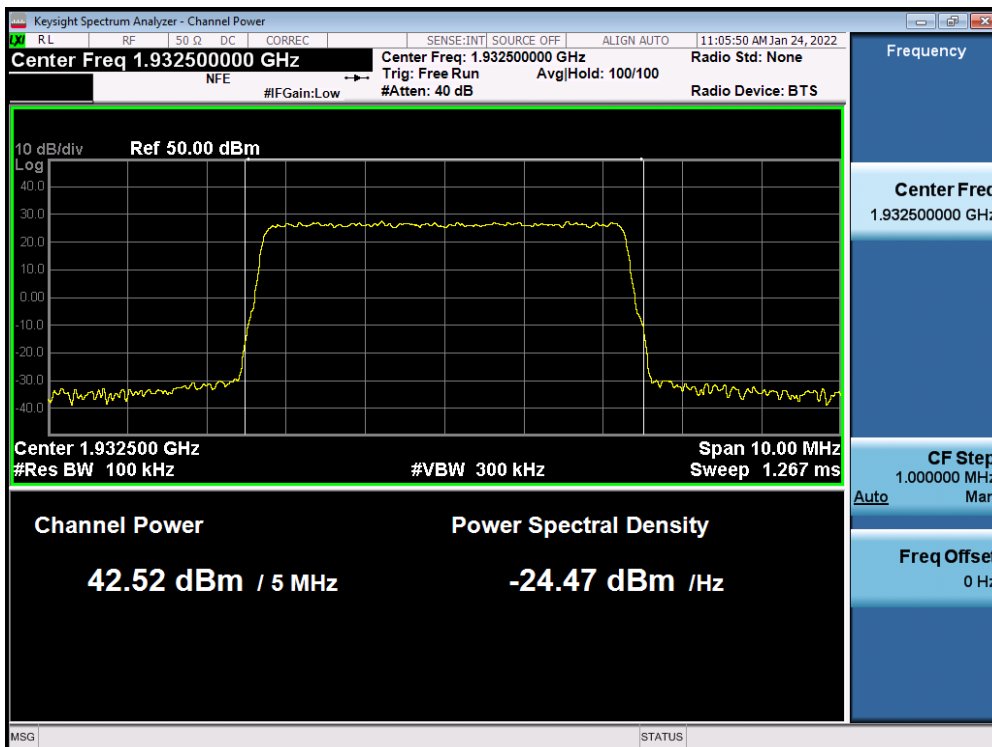
Antenna 0 / (2 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B2 10 MHz / 64QAM / Low



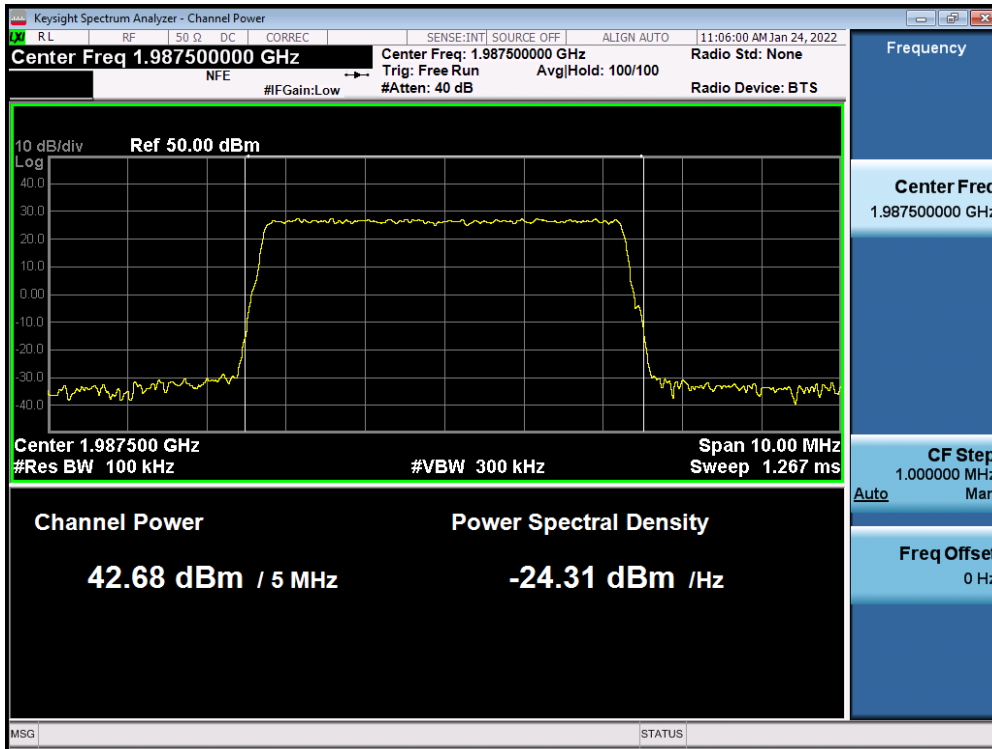
Antenna 0 / (2 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n2 20 MHz / 64QAM / High



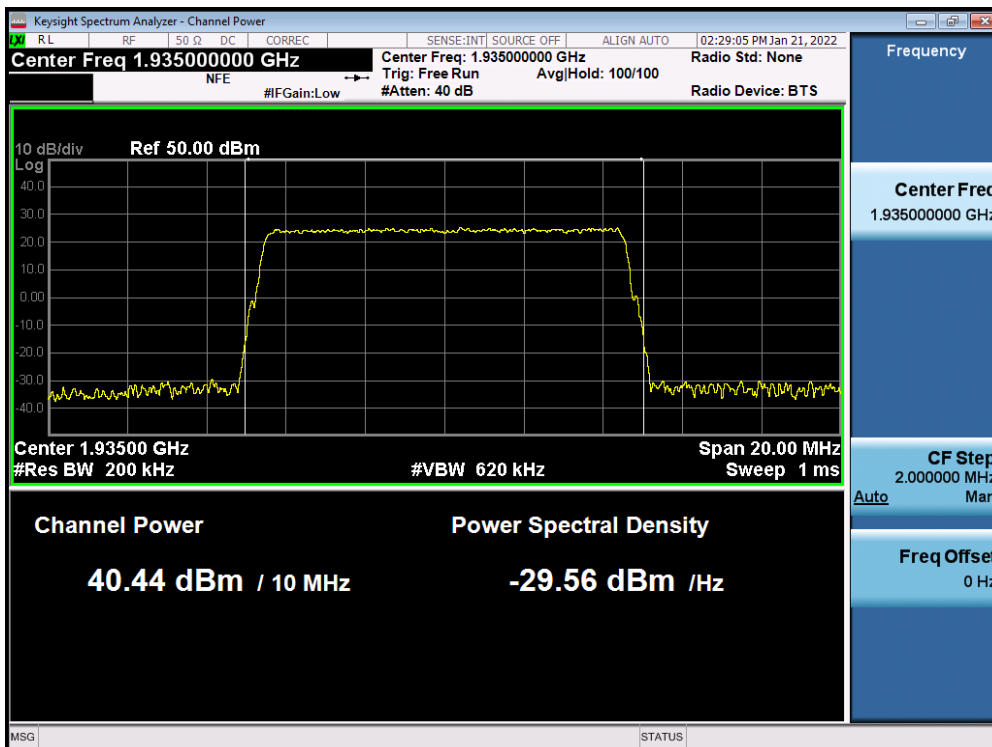
Antenna 0 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B2 5 MHz / 64QAM / Low



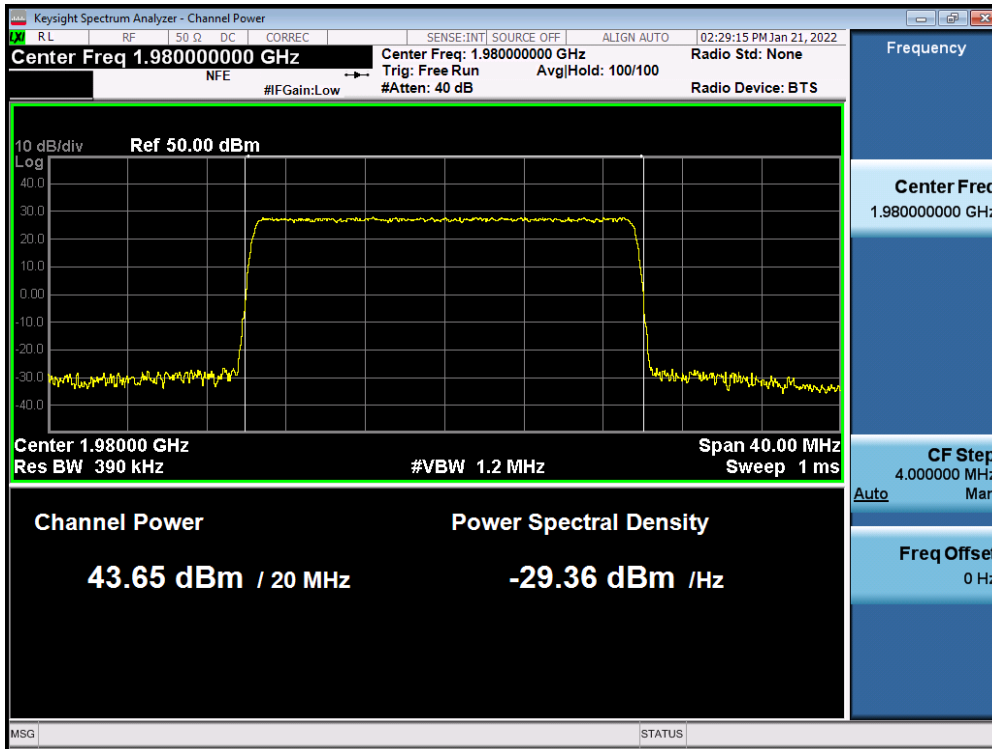
Antenna 0 / (4 Port) LTE B2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n2 5 MHz / 64QAM / High



Antenna 0 / (4 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B2 10 MHz / QPSK / Low



Antenna 0 / (4 Port) LTE B2 10 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n2 20 MHz / QPSK / High



Antenna 0 / (2 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 DSS 10 MHz 9to1 / 256QAM / Low



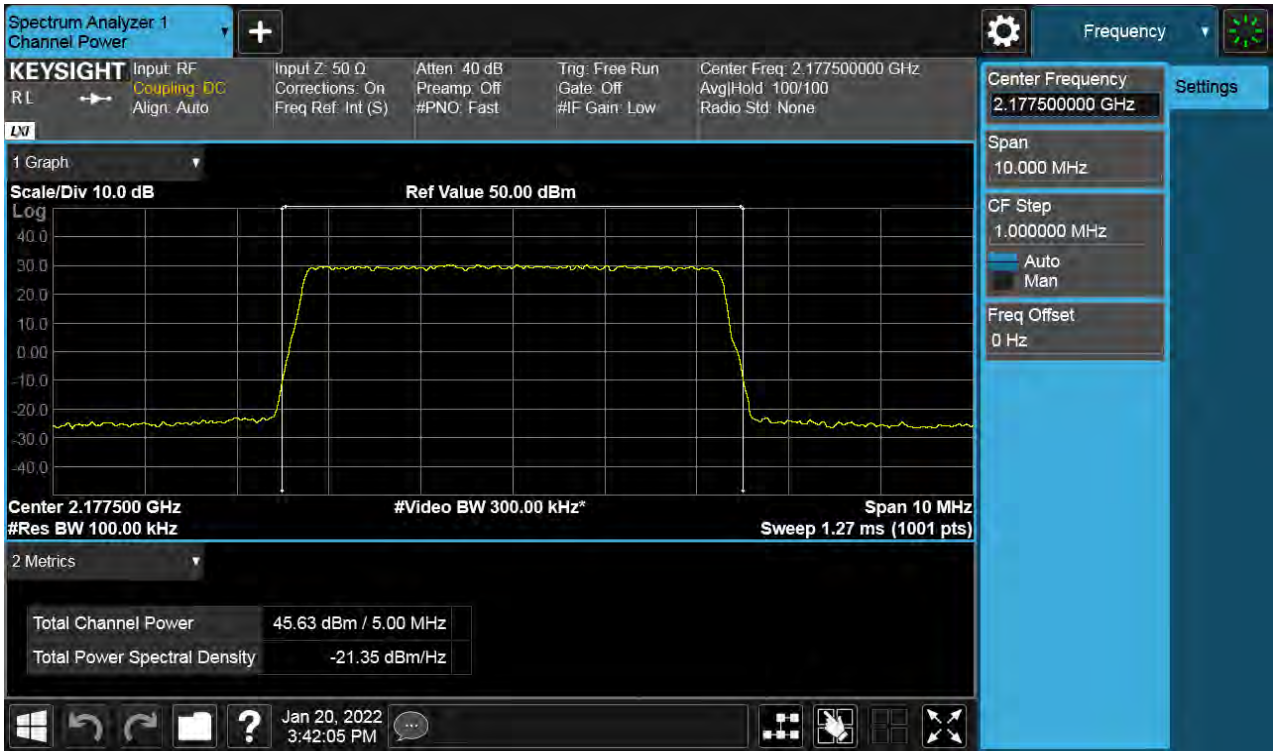
Antenna 0 / (2 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B66 5 MHz / 256QAM / High

Antenna 0 / (4 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B66 DSS 10 MHz 9to1 / 64QAM / Low


Antenna 0 / (4 Port) B66 DSS 10 MHz 9to1 1 Carrier + LTE B66 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B66 5 MHz / 64QAM / High

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


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



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



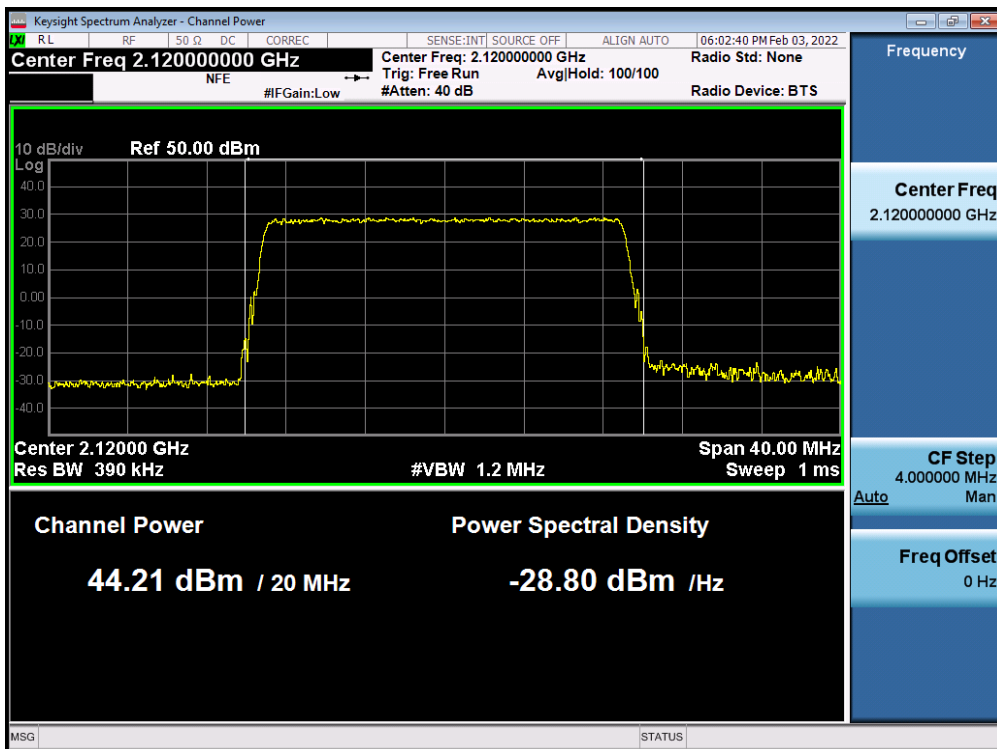
Antenna 1 / (2 Port) LTE B66 20 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n66 20 MHz / QPSK / High

Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B66 5 MHz / 16QAM / Low

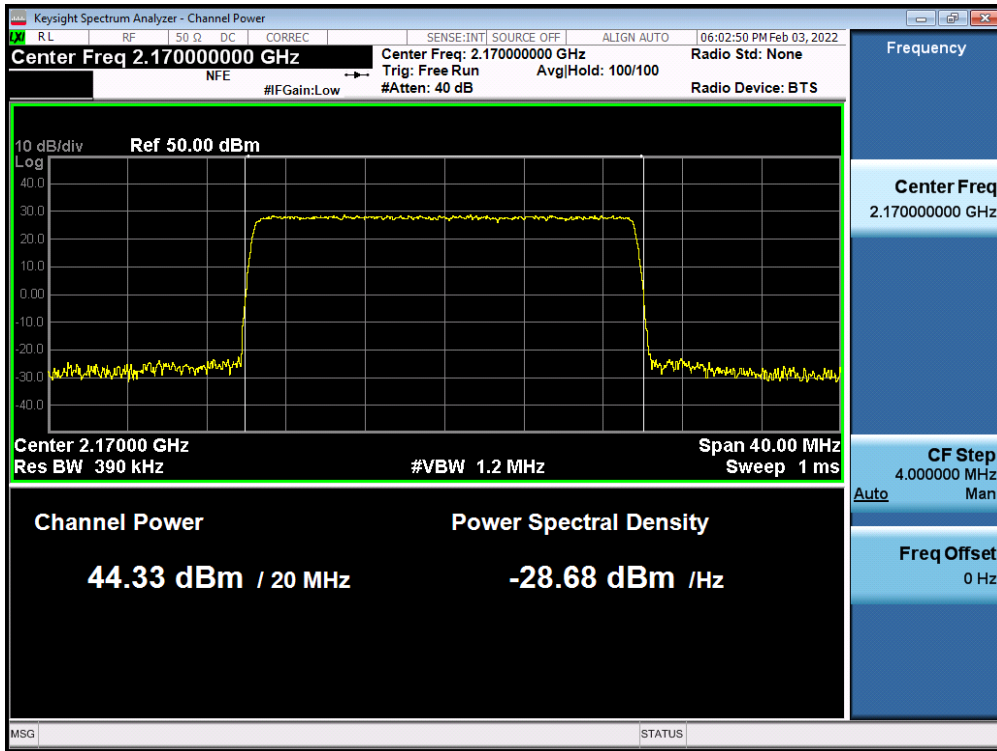

Antenna 1 / (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n66 10 MHz / 16QAM / High



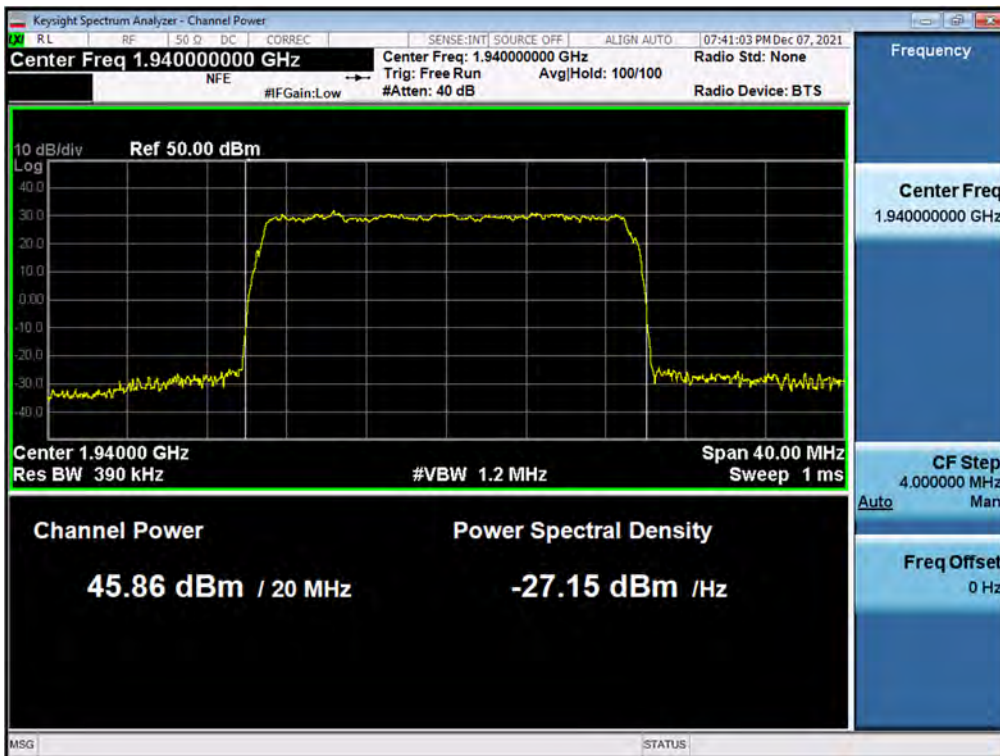
Antenna 2 / (4 Port) LTE B66 20 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B66 20 MHz / 256QAM / Low



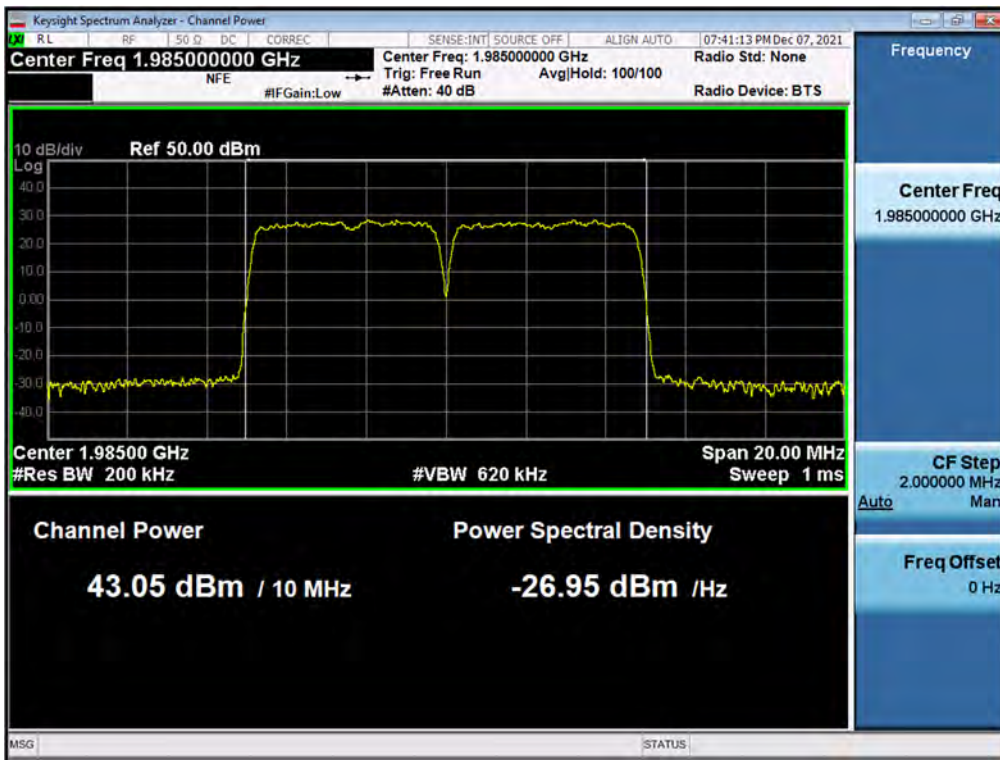
Antenna 2 / (4 Port) LTE B66 20 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n66 20 MHz / 256QAM / High



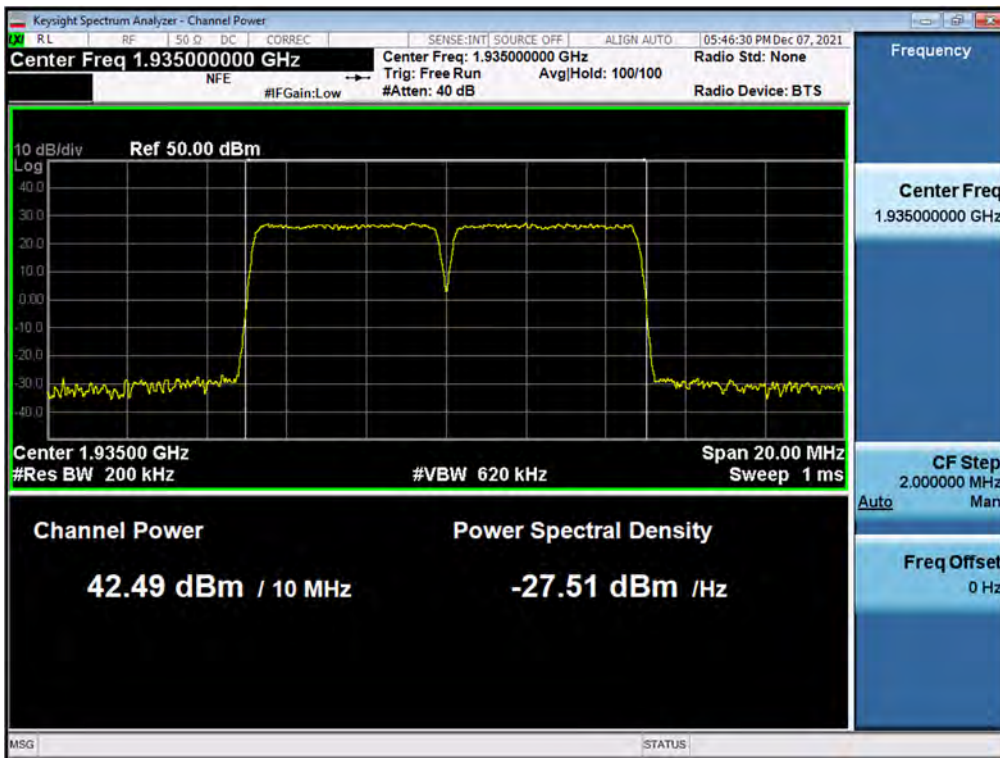
Antenna 0 / (2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B2 DSS 20 MHz 9to1 /16QAM / Low



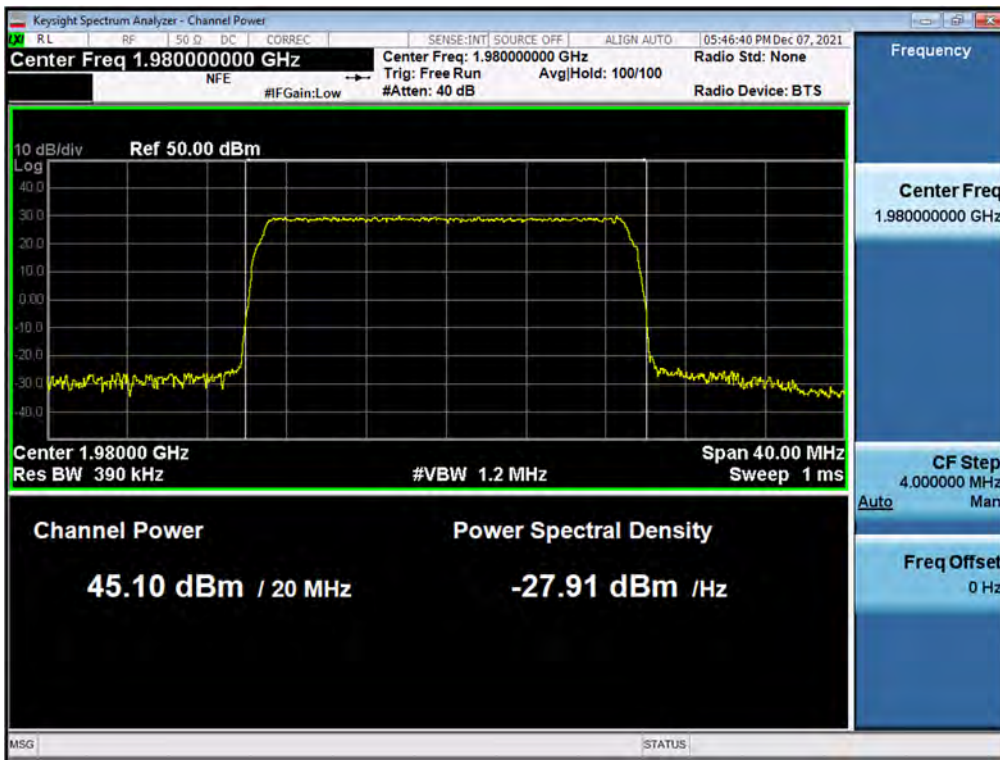
Antenna 0 / (2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / LTE B2 5 MHz + LTE B2 5 MHz / 16QAM / High



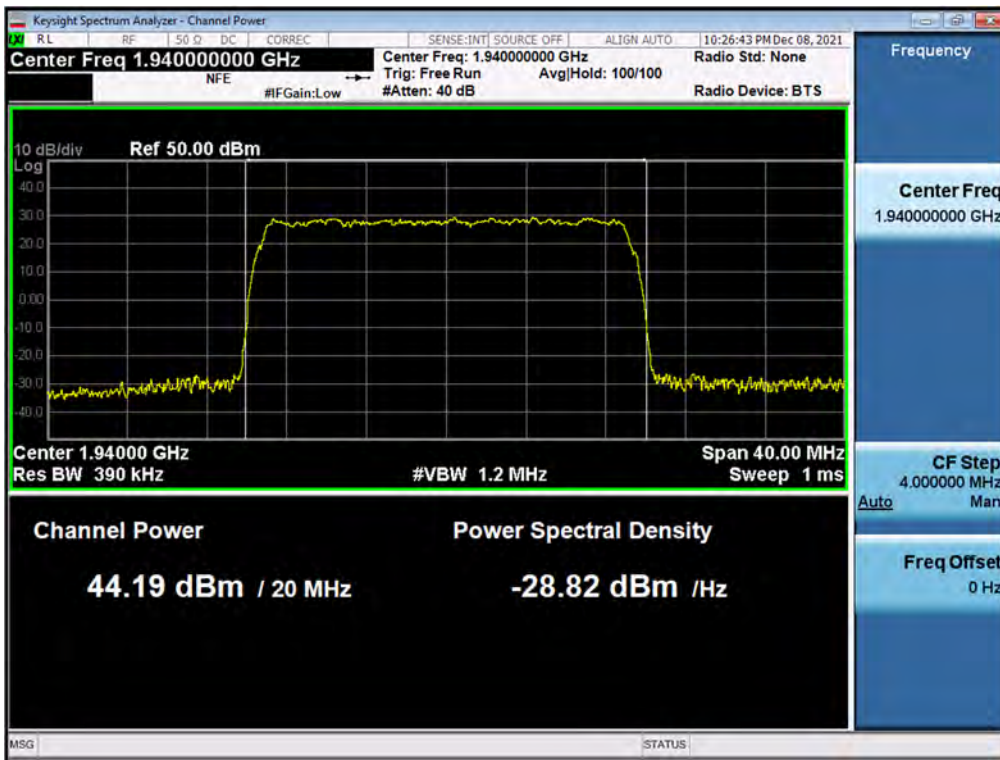
Antenna 1 / (2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B2 DSS 20 MHz 9to1 + LTE B2 5 MHz / 256QAM / Low



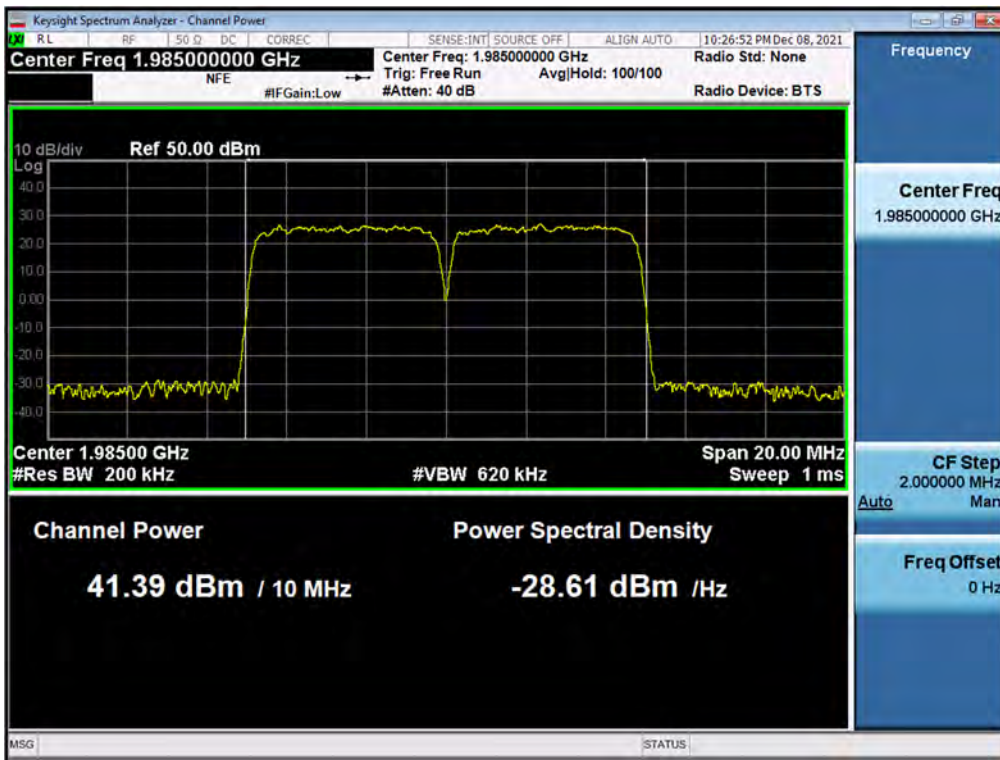
Antenna 1 / (2 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / LTE B2 5 MHz / 256QAM / High



Antenna 0 / (4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / B2 DSS 20 MHz 9to1 / 16QAM / Low



Antenna 0 / (4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / LTE B2 5 MHz + LTE B2 5 MHz / 16QAM / High



Antenna 1 / (4 Port) B2 DSS 20 MHz 9to1 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / B2 DSS 20 MHz 9to1 + LTE B2 5 MHz / QPSK / Low

