

TEST REPORT

FCC Test for RFV01U-D2A
Class II Permissive Change

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2207-FC028

DATE OF ISSUE
July 27, 2022

Tested by
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**TEST
REPORT**
FCC Test for
RFV01U-D2A

REPORT NO.
HCT-RF-2207-FC028

DATE OF ISSUE
July 27, 2022

Additional Model
-

Applicant	SAMSUNG Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
EUT Type	RRU (RFV01U)
Model Name	RFV01U-D2A
FCC ID	A3LRFV01U-D2A
Date of Test	May 30, 2022 ~ July 27, 2022
FCC Rule Parts:	CFR 47 Part 2, Part 22, 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	July 27, 2022	Initial Release

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

If this report is required to confirmation of authenticity, please contact to www.hct.co.kr

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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 (RFV01U)
EUT Serial Number	170503Y0046
Power Supply	-48 VDC

	Band	Carrier	Bandwidth	Power
	Output Power	(2 Port)B5 DSS 2to8	1	10 MHz
(2 Port)B5 DSS 5to5		1	10 MHz	60 W/path, Total: 120 W
(2 Port)B5 DSS 9to1		1	10 MHz	60 W/path, Total: 120 W
(2 Port) 5G NR n5		1	5 MHz	40 W/path, Total: 80 W
(2 Port) 5G NR n5		1	10 MHz	60 W/path, Total: 120 W
(4 Port) 5G NR n5		1	5 MHz	20 W/path, Total: 80 W
(2 Port)LTE B13		1	5 MHz	30 W/path, Total: 60 W
(4 Port)LTE B13		1	5 MHz	20 W/path, Total: 80 W
(2 Port) B5 DSS + B5 DSS		2	10 MHz + 10 MHz	60 W/path, Total: 120 W
(2 Port) 5G NR n5 + 5G NR n5		2	5 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) 5G NR n5 + 5G NR n5		2	10 MHz + 10 MHz	60 W/path, Total: 120 W
(2 Port) B5 DSS + LTE B5		2	10 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) 5G NR n5 + LTE B5		2	5 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) B5 DSS + 5G NR n5		2	10 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) B5 DSS + 5G NR n5		2	10 MHz + 10 MHz	60 W/path, Total: 120 W
(4 Port) B5 DSS + B5 DSS		2	10 MHz + 10 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n5 + 5G NR n5		2	5 MHz + 5 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n5 + 5G NR n5		2	10 MHz + 10 MHz	40 W/path, Total: 160 W
(4 Port) B5 DSS + LTE B5		2	10 MHz + 5 MHz	40 W/path, Total: 160 W
(4 Port) 5G NR n5 + LTE B5		2	5 MHz + 5 MHz	40 W/path, Total: 160 W
(4 Port) B5 DSS + 5G NR n5		2	10 MHz + 5 MHz	40 W/path, Total: 160 W
(4 Port) B5 DSS + 5G NR n5		2	10 MHz + 10 MHz	40 W/path, Total: 160 W
(2 Port)LTE B13 + LTE B13		2	5 MHz + 5 MHz	60 W/path, Total: 120 W
(4 Port)LTE B13 + LTE B13		2	5 MHz + 5 MHz	40 W/path, Total: 160 W
(2 Port) 5G NR n5 + LTE B5 + LTE B5		3	10 MHz + 5 MHz + 10 MHz	60 W/path, Total: 120 W
(2 Port) 5G NR n5 + 5G NR n5 + LTE B5		3	10 MHz + 10 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) B5 DSS + 5G NR n5 + LTE B5		3	10 MHz + 10 MHz + 5 MHz	60 W/path, Total: 120 W
(2 Port) B5 DSS + 5G NR n5 + LTE B5		3	10 MHz + 5 MHz + 5 MHz	60 W/path, Total: 120 W
(4 Port) 5G NR n5		3	10 MHz + 5 MHz + 10 MHz	40 W/path, Total: 160 W

	+ LTE B5 + LTE B5 (4 Port) 5G NR n5 + 5G NR n5 + LTE B5	3	10 MHz + 10 MHz + 5 MHz	40 W/path, Total: 160 W
	(4 Port) B5 DSS + 5G NR n5 + LTE B5	3	10 MHz + 10 MHz + 5 MHz	40 W/path, Total: 160 W
	(4 Port) B5 DSS + 5G NR n5 + LTE B5	3	10 MHz + 5 MHz + 5 MHz	40 W/path, Total: 160 W

Frequency Range	Band 5 : 869 MHz ~ 894 MHz Band 13 : 746 MHz ~ 756 MHz
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Emission Designator	Mode	Bandwidth	Emission Designator			
			QPSK (G7D)	Conducted (W)	16/64/256 QAM (W7D)	Conducted (W)
	(2 Port)B5 DSS 2to8	10 MHz	9M33G7D	113.20	9M35W7D	114.38
	(2 Port)B5 DSS 5to5	10 MHz	9M34G7D	110.15	9M32W7D	114.04
	(2 Port)B5 DSS 9to1	10 MHz	9M24G7D	111.35	9M30W7D	112.69
	(2 Port) 5G NR n5	5 MHz	4M49G7D	74.87	4M53W7D	76.68
	(2 Port) 5G NR n5	10 MHz	9M33G7D	110.50	9M36W7D	114.76
	(4 Port) 5G NR n5	5 MHz	4M51G7D	71.01	4M53W7D	72.98
	(2 Port)LTE B13	5 MHz	4M51G7D	54.00	4M55W7D	54.26
	(4 Port)LTE B13	5 MHz	4M54G7D	70.47	4M54W7D	71.38
	(2 Port) B5 DSS + B5 DSS (Contiguous)	10 MHz + 10 MHz	19M2G7D	111.32	19M2W7D	111.92
	(2 Port) 5G NR n5 + 5G NR n5 (Contiguous)	5 MHz + 5 MHz	9M47G7D	114.71	9M50W7D	114.38
	(2 Port) 5G NR n5 + 5G NR n5 (Contiguous)	10 MHz + 10 MHz	19M3G7D	110.12	19M3W7D	112.65
	(2 Port) B5 DSS + LTE B5 (Contiguous)	10 MHz + 5 MHz	14M4G7D	108.57	14M4W7D	108.82
	(2 Port) 5G NR n5 + LTE B5 (Contiguous)	5 MHz + 5 MHz	9M48G7D	113.02	9M51W7D	111.61
	(2 Port) B5 DSS + 5G NR n5 (Contiguous)	10 MHz + 5 MHz	14M4G7D	109.32	14M4W7D	112.88
	(2 Port) B5 DSS + 5G NR n5 (Contiguous)	10 MHz + 10 MHz	19M2G7D	115.86	19M2W7D	113.03
	(4 Port) B5 DSS + B5 DSS (Contiguous)	10 MHz + 10 MHz	19M2G7D	141.59	19M2W7D	142.54
	(4 Port) 5G NR n5 + 5G NR n5 (Contiguous)	5 MHz + 5 MHz	9M47G7D	139.54	9M51W7D	139.79
	(4 Port) 5G NR n5 + 5G NR n5 (Contiguous)	10 MHz + 10 MHz	19M3G7D	142.22	19M3W7D	141.84
	(4 Port) B5 DSS + LTE B5 (Contiguous)	10 MHz + 5 MHz	14M3G7D	139.72	14M4W7D	141.38
	(4 Port) 5G NR n5 + LTE B5 (Contiguous)	5 MHz + 5 MHz	9M48G7D	139.52	9M52W7D	142.28
	(4 Port) B5 DSS + 5G NR n5 (Contiguous)	10 MHz + 5 MHz	14M3G7D	143.48	14M4W7D	144.54
	(4 Port) B5 DSS + 5G NR n5 (Contiguous)	10 MHz + 10 MHz	19M2G7D	141.43	19M3W7D	141.72
	(2 Port)LTE B13 + LTE B13 (Contiguous)	5 MHz + 5 MHz	9M47G7D	103.57	9M48W7D	103.16
	(4 Port)LTE B13 + LTE B13	5 MHz + 5 MHz	9M47G7D	138.84	9M48W7D	136.33

(Contiguous)						
(2 Port) 5G NR n5 + LTE B5 + LTE B5 (Contiguous)	10 MHz + 5 MHz + 10 MHz	24M0G7D	96.21	24M0W7D	96.03	
(2 Port) 5G NR n5 + 5G NR n5 + LTE B5 (Contiguous)	10 MHz + 10 MHz + 5 MHz	24M3G7D	110.81	24M4W7D	112.17	
(2 Port) B5 DSS + 5G NR n5 + LTE B5 (Contiguous)	10 MHz + 10 MHz + 5 MHz	24M3G7D	105.84	24M2W7D	106.94	
(2 Port) B5 DSS + 5G NR n5 + LTE B5 (Contiguous)	10 MHz + 5 MHz + 5 MHz	19M3G7D	110.39	19M3W7D	110.93	
(4 Port) 5G NR n5 + LTE B5 + LTE B5 (Contiguous)	10 MHz + 5 MHz + 10 MHz	24M0G7D	138.82	24M1W7D	139.24	
(4 Port) 5G NR n5 + 5G NR n5 + LTE B5 (Contiguous)	10 MHz + 10 MHz + 5 MHz	24M4G7D	135.62	24M4W7D	136.80	
(4 Port) B5 DSS + 5G NR n5 + LTE B5 (Contiguous)	10 MHz + 10 MHz + 5 MHz	24M2G7D	140.16	24M3W7D	138.87	
(4 Port) B5 DSS + 5G NR n5 + LTE B5 (Contiguous)	10 MHz + 5 MHz + 5 MHz	19M3G7D	140.87	19M3W7D	141.72	
(2 Port) B5 DSS + B5 DSS (Non-Contiguous)	10 MHz + 10 MHz	18M4G7D	108.39	18M5W7D	109.80	
(2 Port) 5G NR n5 + 5G NR n5 (Non-Contiguous)	5 MHz + 5 MHz	9M00G7D	111.23	9M01W7D	113.46	
(2 Port) 5G NR n5 + 5G NR n5 (Non-Contiguous)	10 MHz + 10 MHz	18M6G7D	111.21	18M7W7D	111.74	
(2 Port) B5 DSS + LTE B5 (Non-Contiguous)	10 MHz + 5 MHz	13M7G7D	105.43	13M8W7D	107.69	
(2 Port) 5G NR n5 + LTE B5 (Non-Contiguous)	5 MHz + 5 MHz	8M99G7D	109.32	9M02W7D	111.04	
(2 Port) B5 DSS + 5G NR n5 (Non-Contiguous)	10 MHz + 5 MHz	13M7G7D	111.85	13M7W7D	109.64	
(2 Port) B5 DSS + 5G NR n5 (Non-Contiguous)	10 MHz + 10 MHz	18M6G7D	109.34	18M6W7D	114.33	
(4 Port) B5 DSS + B5 DSS (Non-Contiguous)	10 MHz + 10 MHz	18M4G7D	135.60	18M5W7D	136.69	
(4 Port) 5G NR n5 + 5G NR n5 (Non-Contiguous)	5 MHz + 5 MHz	8M99G7D	137.22	9M05W7D	139.02	
(4 Port) 5G NR n5 + 5G NR n5 (Non-Contiguous)	10 MHz + 10 MHz	18M7G7D	136.95	18M7W7D	142.24	
(4 Port) B5 DSS + LTE B5 (Non-Contiguous)	10 MHz + 5 MHz	13M8G7D	139.78	13M8W7D	138.87	
(4 Port) 5G NR n5 + LTE B5 (Non-Contiguous)	5 MHz + 5 MHz	9M00G7D	144.07	9M02W7D	145.74	
(4 Port) B5 DSS + 5G NR n5 (Non-Contiguous)	10 MHz + 5 MHz	13M7G7D	143.46	13M8W7D	144.61	
(4 Port) B5 DSS + 5G NR n5 (Non-Contiguous)	10 MHz + 10 MHz	18M5G7D	143.32	18M6W7D	142.95	

	(2 Port)B5 DSS + 5G NR n5 + LTE B5(1C+2C) (Non-Contiguous)	10 MHz + 5 MHz + 5 MHz	18M8G7D	108.46	18M7W7D	109.63
	(2 Port)B5 DSS + 5G NR n5 + LTE B5(2C+1C) (Non-Contiguous)	10 MHz + 5 MHz + 5 MHz	18M9G7D	108.14	18M9W7D	110.38
	(4 Port)B5 DSS + 5G NR n5 + LTE B5(1C+2C) (Non-Contiguous)	10 MHz + 5 MHz + 5 MHz	18M7G7D	135.68	18M7W7D	138.27
	(4 Port)B5 DSS + 5G NR n5 + LTE B5(2C+1C) (Non-Contiguous)	10 MHz + 5 MHz + 5 MHz	18M8G7D	139.99	18M9W7D	139.66
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 22, 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 22, Part 27

Description	Reference	Results
RF Output Power	§ 2.1046, § 22.913, § 27.50(b)	Compliant
PAPR	§ 22.913, § 27.50(b)	Compliant
Occupied Bandwidth	§ 2.1049	Compliant
Out-of-band Unwanted Emissions	§ 2.1051, § 22.917, § 27.53(c), (f)	Compliant
Spurious Unwanted Emissions		Compliant
Radiated Emissions	§ 2.1053	Compliant
Frequency Stability	§ 2.1055, § 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 10 MHz 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 emissions from the device. This report includes the data for LTE:5G NR Ratio of 9:1, 5:5 and 2:8 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, the worst LTE:5G NR ratio (9:1) is applied based on test result of single carrier DSS mode.
- The dummy loads were connected to the RF output ports for radiated spurious emission testing.
- The device was operating at 100 % duty cycle
- The tests results in plots are already including the actual value of loss for the attenuator and cable combination. Please check correction factors below table.

ANTO**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	34.216	2 200	37.072
600	34.107	2 300	37.009
700	34.344	2 400	37.260
800	34.506	2 500	37.023
900	34.944	2 600	36.898
1 000	35.191	2 700	36.928
1 100	35.256	2 800	37.503
1 200	35.435	2 900	37.408
1 300	35.546	3 000	38.032
1 400	35.676	4 000	38.725
1 500	35.954	5 000	39.699
1 600	36.063	6 000	39.166
1 700	36.287	7 000	40.083
1 800	36.590	8 000	40.542
1 900	36.704	9 000	40.361
2 000	36.953	10 000	40.990
2 100	37.129	-	-

ANT1**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	28.538	2 200	31.362
600	28.413	2 300	31.323
700	28.649	2 400	31.735
800	28.751	2 500	32.408
900	29.179	2 600	32.845
1 000	29.579	2 700	32.565
1 100	29.608	2 800	33.298
1 200	29.709	2 900	32.783
1 300	29.809	3 000	32.544
1 400	29.996	4 000	33.401
1 500	30.176	5 000	33.903
1 600	30.476	6 000	34.722
1 700	30.714	7 000	36.372
1 800	30.923	8 000	37.187
1 900	31.083	9 000	38.178
2 000	31.342	10 000	39.310
2 100	31.606	-	-

ANT2**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	28.102	2 200	30.678
600	27.955	2 300	30.551
700	28.214	2 400	30.764
800	28.279	2 500	30.581
900	28.685	2 600	30.555
1 000	29.165	2 700	30.560
1 100	29.040	2 800	31.163
1 200	29.103	2 900	31.144
1 300	29.264	3 000	31.792
1 400	29.573	4 000	32.921
1 500	29.759	5 000	33.464
1 600	29.936	6 000	33.699
1 700	30.141	7 000	34.874
1 800	30.443	8 000	35.587
1 900	30.534	9 000	36.291
2 000	30.755	10 000	37.335
2 100	30.964	-	-

ANT3**Correction factor table**

Frequency (MHz)	Factor (dB)	Frequency (MHz)	Factor (dB)
500	32.434	2 200	34.805
600	32.264	2 300	34.774
700	32.462	2 400	34.854
800	32.603	2 500	34.768
900	33.017	2 600	34.621
1 000	33.299	2 700	34.588
1 100	33.308	2 800	35.114
1 200	33.468	2 900	34.979
1 300	33.544	3 000	35.557
1 400	33.665	4 000	35.860
1 500	33.852	5 000	36.655
1 600	34.010	6 000	37.200
1 700	34.200	7 000	38.318
1 800	34.506	8 000	38.850
1 900	34.572	9 000	38.824
2 000	34.773	10 000	38.929
2 100	34.890	-	-

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

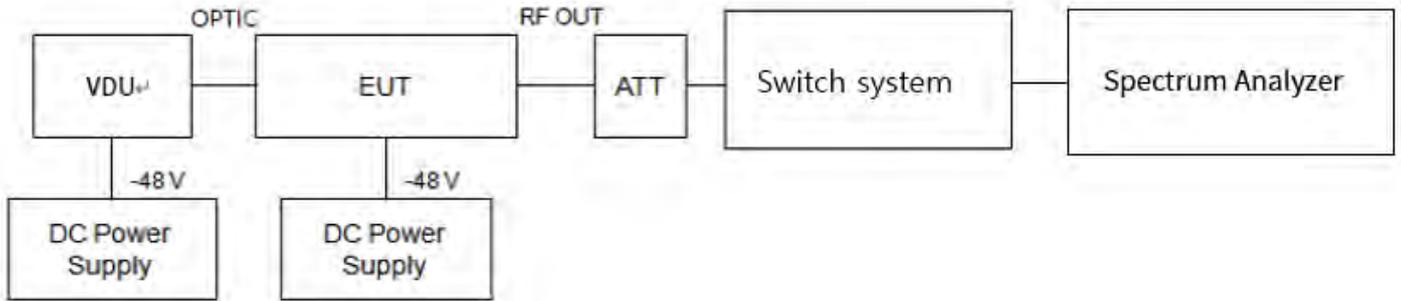
Coverage factor $k=2$, Confidence levels of 95 %

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

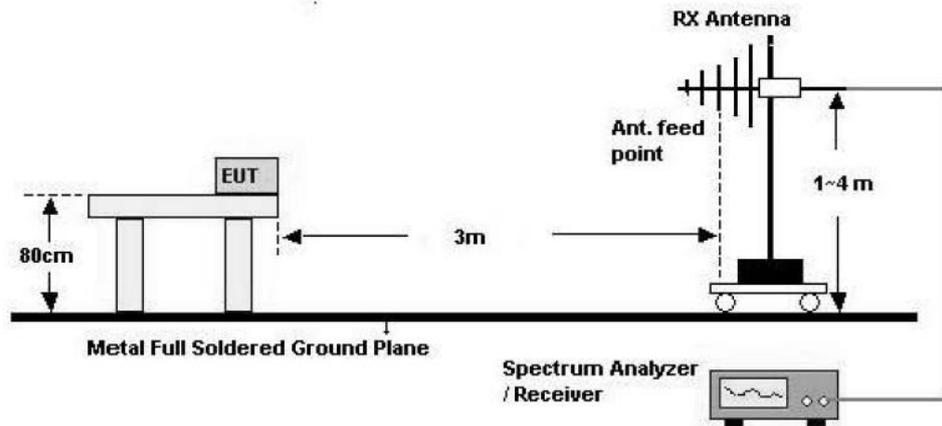
3.5. TEST DIAGRAMS

Conducted Test

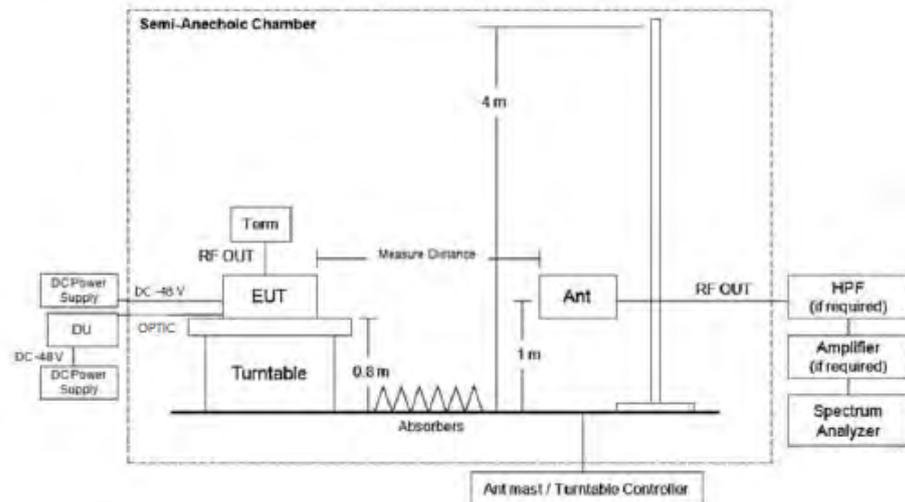


Radiated Test

30 MHz ~ 1 GHz

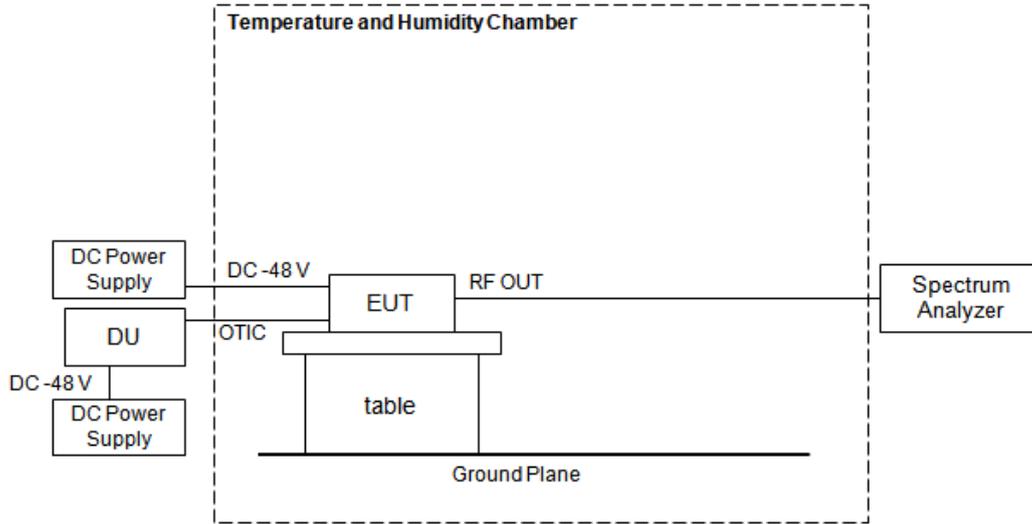


Above 1 GHz



※ 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
PXA Signal Analyzer	N9030A	Keysight	MY49431434	2023-01-05	Annual
RF Switch System	TMX0108	TNM System	TM20110001	N/A	N/A
*30 dB Attenuator	67-30-33	API Weinschel, Inc.	CL4336	2023-05-03	Annual
*50Ω Termination	908A	H.P.	N/A	N/A	N/A
Coaxial Attenuator	FAS-23-20	MCLI	103756	2023-01-03	Annual
DC Power Supply	PWR800L	KIKUSUI	LJ003448	2023-05-30	Annual
DC Power Supply	6674A	H.P.	3637A01843	2023-05-30	Annual
DC Power Supply	6674A	Agilent	MY41003340	2023-07-06	Annual
DC Power Supply	PWR1600L	KIKUSUI	RL002213	2022-09-29	Annual
Temperature and Humidity Chamber	NY-THR18750	NANGYEUL CO., LTD.	NY-200912201A	2023-02-10	Annual
Amp & Filter Bank Switch Controller	FBSM-01B	TNM system	TM20090002	N/A	N/A
Controller(Antenna mast & Turn Table)	CO3000	Innco systems	CO3000/1251/48920320/P	N/A	N/A
Antenna Position Tower	MA4640/800-XP-ET	Innco systems	N/A	N/A	N/A
Turn Table	DS2000-S	Innco systems	N/A	N/A	N/A
Turn Table	Turn Table	Ets	N/A	N/A	N/A
Loop Antenna	FMZB 1513	Schwarzbeck	1513-333	2024-03-17	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	2022-09-04	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	02296	2023-05-19	Biennial
Spectrum Analyzer	FSP40	Rohde & Schwarz	100843	2022-11-08	Annual
LNA(0.1 ~ 18 GHz)	FBSR-04C	TNM system	N/A	2022-09-16	Annual
High Pass Filter	WHKX10-900-1000-15000-40SS	Wainwright Instruments	16	2022-08-05	Annual
Low Noise Amplifier	LLAU1183540Q	LTC Microwave	100	2022-09-16	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.

§ 22.913 Effective radiated power limits.

Licensees in the Cellular Radiotelephone Service are subject to the effective radiated power (ERP) limits and other requirements in this Section. *See also* § 22.169.

(a) *Maximum ERP.* The ERP of transmitters in the Cellular Radiotelephone Service must not exceed the limits in this section.

(1) Except as described in paragraphs (a)(2), (3), and (4) of this section, the ERP of base stations and repeaters must not exceed—

- (i) 500 watts per emission; or
- (ii) 400 watts/MHz (PSD) per sector.

(2) Except as described in paragraphs (a)(3) and (4) of this section, for systems operating in areas more than 72 kilometers (45 miles) from international borders that:

- (i) 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; or
- (ii) Extend coverage into Unserved Area on a secondary basis (*see* § 22.949), the ERP of base transmitters and repeaters must not exceed—

- (A) 1000 watts per emission; or
- (B) 800 watts/MHz (PSD) per sector.

(3) Provided that they also comply with paragraphs (b) and (c) of this section, licensees are permitted to operate their base transmitters and repeaters with an ERP greater than 400 watts/MHz (PSD) per sector, up to a maximum ERP of 1000 watts/MHz (PSD) per sector unless they meet the conditions in paragraph (a)(4) of this section.

(4) Provided that they also comply with paragraphs (b) and (c) of this section, licensees of systems operating in areas more than 72 kilometers (45 miles) from international borders that:

- (i) 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; or
- (ii) Extend coverage into Unserved Area on a secondary basis (*see* § 22.949), are permitted to operate base transmitters and repeaters with an ERP greater than 800 watts/MHz (PSD) per sector, up to a maximum of 2000 watts/MHz (PSD) per sector.

(5) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

(d) *Power measurement.* Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

§ 27.50 Power limits and duty cycle.

(b) The following power and antenna height limits apply to transmitters operating in the 746-758 MHz, 775-788 MHz and 805-806 MHz bands:

- (1) Fixed and base stations transmitting a signal in the 757-758 and 775-776 MHz bands must not exceed an effective radiated power (ERP) of 1000 watts and an antenna height of 305 m height above average terrain (HAAT), except that antenna heights greater than 305 m HAAT are permitted if power levels are reduced below 1000 watts ERP in accordance with Table 1 of this section.
- (2) Fixed and base stations transmitting a signal in the 746-757 MHz and 776-787 MHz bands with an emission bandwidth of 1 MHz or less must not exceed an ERP of 1000 watts and an antenna height of 305 m HAAT, except that antenna heights greater than 305 m HAAT are permitted if power levels are reduced below 1000 watts ERP in accordance with Table 1 of this section.
- (3) Fixed and base stations located in a county with population density of 100 or fewer persons per square mile, based upon the most recently available population statistics from the Bureau of the Census, and transmitting a signal in the 746-757 MHz and 776-787 MHz bands with an emission bandwidth of 1 MHz or less must not exceed an ERP of 2000 watts and an antenna height of 305 m HAAT, except that antenna heights greater than 305 m HAAT are permitted if power levels are reduced below 2000 watts ERP in accordance with Table 2 of this section.
- (4) Fixed and base stations transmitting a signal in the 746-757 MHz and 776-787 MHz bands with an emission bandwidth greater than 1 MHz must not exceed an ERP of 1000 watts/MHz and an antenna height of 305 m HAAT, except that antenna heights greater than 305 m HAAT are permitted if power levels are reduced below 1000 watts/MHz ERP in accordance with Table 3 of this section.
- (5) Fixed and base stations located in a county with population density of 100 or fewer persons per square mile, based upon the most recently available population statistics from the Bureau of the Census, and transmitting a signal in the 746-757 MHz and 776-787 MHz bands with an emission bandwidth greater than 1 MHz must not exceed an ERP of 2000 watts/MHz and an antenna height of 305 m HAAT, except that antenna heights greater than 305 m HAAT are permitted if power levels are reduced below 2000 watts/MHz ERP in accordance with Table 4 of this section.

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 $2 \times$ to $3 \times$ the OBW.
- b) Set RBW = 1 % to 5 % of the OBW.
- c) Set VBW $\geq 3 \times$ RBW.
- d) Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- e) Sweep time:
 - 1) Set = auto-couple, or
 - 2) Set $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission period})]$ 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)B5 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	47.49	56.14
		Middle	881.50	47.47	55.87
		High	889.00	47.52	56.53
	16QAM	Low	874.00	47.47	55.87
		Middle	881.50	47.63	57.98
		High	889.00	47.50	56.21
	64QAM	Low	874.00	47.49	56.10
		Middle	881.50	47.49	56.09
		High	889.00	47.54	56.77
	256QAM	Low	874.00	47.54	56.78
		Middle	881.50	47.59	57.39
		High	889.00	47.50	56.29
1	QPSK	Low	874.00	47.56	57.06
		Middle	881.50	47.26	53.16
		High	889.00	47.24	52.97
	16QAM	Low	874.00	47.58	57.25
		Middle	881.50	47.33	54.06
		High	889.00	47.36	54.44
	64QAM	Low	874.00	47.60	57.49
		Middle	881.50	47.26	53.25
		High	889.00	47.27	53.38
	256QAM	Low	874.00	47.60	57.60
		Middle	881.50	47.28	53.39
		High	889.00	47.33	54.06

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	113.20	113.13	113.60	114.38
881.50	109.04	112.05	109.34	110.78
889.00	109.50	110.65	110.15	110.35

(2 Port)B5 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	47.28	53.42
		Middle	881.50	47.44	55.46
		High	889.00	47.50	56.25
	16QAM	Low	874.00	47.18	52.19
		Middle	881.50	47.47	55.87
		High	889.00	47.38	54.70
	64QAM	Low	874.00	47.48	55.92
		Middle	881.50	47.48	55.96
		High	889.00	47.40	55.02
	256QAM	Low	874.00	47.53	56.58
		Middle	881.50	47.49	56.14
		High	889.00	47.44	55.41
1	QPSK	Low	874.00	47.54	56.73
		Middle	881.50	47.29	53.57
		High	889.00	47.24	52.95
	16QAM	Low	874.00	47.56	56.99
		Middle	881.50	47.23	52.87
		High	889.00	47.36	54.41
	64QAM	Low	874.00	47.58	57.24
		Middle	881.50	47.29	53.63
		High	889.00	47.23	52.81
	256QAM	Low	874.00	47.59	57.45
		Middle	881.50	47.25	53.11
		High	889.00	47.26	53.20

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	110.15	109.18	113.17	114.04
881.50	109.03	108.74	109.59	109.26
889.00	109.20	109.12	107.83	108.61

(2 Port)B5 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	47.43	55.31
		Middle	881.50	47.41	55.06
		High	889.00	47.39	54.82
	16QAM	Low	874.00	47.44	55.42
		Middle	881.50	47.49	56.14
		High	889.00	47.49	56.12
	64QAM	Low	874.00	47.53	56.68
		Middle	881.50	47.48	56.04
		High	889.00	47.47	55.85
	256QAM	Low	874.00	47.72	59.10
		Middle	881.50	47.54	56.73
		High	889.00	47.47	55.89
1	QPSK	Low	874.00	47.49	56.04
		Middle	881.50	47.10	51.35
		High	889.00	47.06	50.78
	16QAM	Low	874.00	47.42	55.17
		Middle	881.50	47.18	52.22
		High	889.00	47.18	52.29
	64QAM	Low	874.00	47.48	56.01
		Middle	881.50	47.18	52.30
		High	889.00	47.23	52.86
	256QAM	Low	874.00	47.43	55.39
		Middle	881.50	47.17	52.17
		High	889.00	47.19	52.32

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	111.35	110.60	112.69	114.49
881.50	106.40	108.36	108.34	108.90
889.00	105.60	108.41	108.71	108.21

(2 Port)5G NR n5 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	871.50	45.84	38.39
		Middle	881.50	45.72	37.30
		High	891.50	45.71	37.21
	16QAM	Low	871.50	45.76	37.68
		Middle	881.50	45.75	37.60
		High	891.50	45.74	37.50
	64QAM	Low	871.50	45.91	38.98
		Middle	881.50	45.74	37.45
		High	891.50	45.72	37.32
	256QAM	Low	871.50	45.22	33.26
		Middle	881.50	45.79	37.91
		High	891.50	45.87	38.60
1	QPSK	Low	871.50	45.62	36.48
		Middle	881.50	45.26	33.59
		High	891.50	45.33	34.10
	16QAM	Low	871.50	45.81	38.12
		Middle	881.50	45.31	33.96
		High	891.50	45.34	34.21
	64QAM	Low	871.50	45.76	37.71
		Middle	881.50	45.20	33.12
		High	891.50	45.41	34.72
	256QAM	Low	871.50	45.76	37.69
		Middle	881.50	45.29	33.83
		High	891.50	45.34	34.18

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
871.50	74.87	75.81	76.68	70.95
881.50	70.89	71.57	70.58	71.75
891.50	71.32	71.71	72.04	72.79

(2 Port)5G NR n5 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	47.46	55.74
		Middle	881.50	47.58	57.31
		High	889.00	47.51	56.35
	16QAM	Low	874.00	47.49	56.09
		Middle	881.50	47.50	56.20
		High	889.00	47.56	56.95
	64QAM	Low	874.00	47.59	57.40
		Middle	881.50	47.54	56.70
		High	889.00	47.59	57.46
	256QAM	Low	874.00	47.59	57.42
		Middle	881.50	47.50	56.23
		High	889.00	47.55	56.86
1	QPSK	Low	874.00	47.38	54.75
		Middle	881.50	47.24	52.94
		High	889.00	47.21	52.59
	16QAM	Low	874.00	47.51	56.38
		Middle	881.50	47.21	52.55
		High	889.00	47.30	53.65
	64QAM	Low	874.00	47.59	57.36
		Middle	881.50	47.15	51.87
		High	889.00	47.28	53.52
	256QAM	Low	874.00	47.48	56.03
		Middle	881.50	47.17	52.10
		High	889.00	47.23	52.78

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	110.50	112.47	114.76	113.45
881.50	110.25	108.75	108.57	108.33
889.00	108.94	110.61	110.98	109.64

(4 Port)5G NR n5 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	871.50	42.66	18.46
		Middle	881.50	42.66	18.47
		High	891.50	42.21	16.65
	16QAM	Low	871.50	42.81	19.11
		Middle	881.50	42.74	18.79
		High	891.50	42.56	18.03
	64QAM	Low	871.50	42.83	19.20
		Middle	881.50	42.59	18.17
		High	891.50	42.74	18.80
	256QAM	Low	871.50	42.74	18.81
		Middle	881.50	42.72	18.72
		High	891.50	42.65	18.40
1	QPSK	Low	871.50	42.65	18.42
		Middle	881.50	42.31	17.03
		High	891.50	42.40	17.36
	16QAM	Low	871.50	42.89	19.46
		Middle	881.50	42.34	17.12
		High	891.50	42.46	17.62
	64QAM	Low	871.50	42.87	19.37
		Middle	881.50	42.32	17.07
		High	891.50	42.34	17.15
	256QAM	Low	871.50	42.80	19.04
		Middle	881.50	42.34	17.14
		High	891.50	42.45	17.57

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	871.50	42.33	17.10
		Middle	881.50	42.20	16.59
		High	891.50	42.13	16.34
	16QAM	Low	871.50	42.34	17.14
		Middle	881.50	42.27	16.85
		High	891.50	42.19	16.57
	64QAM	Low	871.50	42.38	17.31
		Middle	881.50	42.25	16.78
		High	891.50	42.23	16.70
	256QAM	Low	871.50	42.39	17.32
		Middle	881.50	42.16	16.45
		High	891.50	42.19	16.54
3	QPSK	Low	871.50	42.31	17.03
		Middle	881.50	42.19	16.55
		High	891.50	42.17	16.48
	16QAM	Low	871.50	42.26	16.82
		Middle	881.50	42.26	16.82
		High	891.50	42.30	16.97
	64QAM	Low	871.50	42.33	17.11
		Middle	881.50	42.27	16.87
		High	891.50	42.29	16.94
	256QAM	Low	871.50	42.23	16.70
		Middle	881.50	42.16	16.44
		High	891.50	42.29	16.94

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
871.50	71.01	72.52	72.98	71.87
881.50	68.63	69.58	68.88	68.74
891.50	66.84	69.19	69.58	69.46

(2 Port)LTE B13 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	748.50	44.35	27.24
		Middle	751.00	44.38	27.40
		High	753.50	44.35	27.23
	16QAM	Low	748.50	44.32	27.06
		Middle	751.00	44.28	26.82
		High	753.50	44.27	26.74
	64QAM	Low	748.50	44.43	27.72
		Middle	751.00	44.43	27.73
		High	753.50	44.18	26.21
	256QAM	Low	748.50	44.29	26.83
		Middle	751.00	44.26	26.69
		High	753.50	44.03	25.31
1	QPSK	Low	748.50	44.21	26.39
		Middle	751.00	44.25	26.60
		High	753.50	44.20	26.29
	16QAM	Low	748.50	44.12	25.85
		Middle	751.00	44.27	26.75
		High	753.50	44.25	26.60
	64QAM	Low	748.50	44.22	26.42
		Middle	751.00	44.24	26.53
		High	753.50	44.23	26.47
	256QAM	Low	748.50	44.24	26.57
		Middle	751.00	44.25	26.61
		High	753.50	44.13	25.87

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
748.50	53.63	52.91	54.14	53.41
751.00	54.00	53.58	54.26	53.30
753.50	53.53	53.34	52.69	51.18

(4 Port)LTE B13 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	748.50	42.67	18.48
		Middle	751.00	42.60	18.21
		High	753.50	42.62	18.28
	16QAM	Low	748.50	42.75	18.82
		Middle	751.00	42.60	18.18
		High	753.50	42.70	18.62
	64QAM	Low	748.50	42.69	18.59
		Middle	751.00	42.67	18.51
		High	753.50	42.59	18.14
	256QAM	Low	748.50	42.60	18.20
		Middle	751.00	42.61	18.23
		High	753.50	42.59	18.15
1	QPSK	Low	748.50	42.58	18.09
		Middle	751.00	42.47	17.67
		High	753.50	42.51	17.84
	16QAM	Low	748.50	42.56	18.04
		Middle	751.00	42.56	18.04
		High	753.50	42.57	18.08
	64QAM	Low	748.50	42.57	18.06
		Middle	751.00	42.55	17.98
		High	753.50	42.54	17.96
	256QAM	Low	748.50	42.55	18.01
		Middle	751.00	42.59	18.14
		High	753.50	42.56	18.04

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	748.50	42.23	16.70
		Middle	751.00	42.16	16.45
		High	753.50	42.21	16.64
	16QAM	Low	748.50	42.24	16.77
		Middle	751.00	42.25	16.80
		High	753.50	42.11	16.24
	64QAM	Low	748.50	42.30	16.99
		Middle	751.00	42.31	17.01
		High	753.50	42.28	16.92
	256QAM	Low	748.50	42.33	17.09
		Middle	751.00	42.24	16.74
		High	753.50	42.22	16.66
3	QPSK	Low	748.50	42.36	17.21
		Middle	751.00	42.39	17.33
		High	753.50	42.43	17.49
	16QAM	Low	748.50	42.49	17.75
		Middle	751.00	42.56	18.04
		High	753.50	42.27	16.85
	64QAM	Low	748.50	42.45	17.58
		Middle	751.00	42.47	17.65
		High	753.50	42.40	17.37
	256QAM	Low	748.50	42.36	17.21
		Middle	751.00	42.41	17.41
		High	753.50	42.46	17.61

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
748.50	70.47	71.38	71.22	70.51
751.00	69.66	71.07	71.15	70.52
753.50	70.25	69.79	70.40	70.46

Tabular Data of RF Contiguous output power

(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	47.58	57.32
		Middle	881.50	47.48	55.92
		High	884.00	47.50	56.23
	16QAM	Low	879.00	47.53	56.66
		Middle	881.50	47.67	58.53
		High	884.00	47.57	57.19
	64QAM	Low	879.00	47.56	56.99
		Middle	881.50	47.57	57.19
		High	884.00	47.52	56.47
	256QAM	Low	879.00	47.60	57.56
		Middle	881.50	47.20	52.49
		High	884.00	47.47	55.86
1	QPSK	Low	879.00	47.32	54.00
		Middle	881.50	46.93	49.28
		High	884.00	47.23	52.82
	16QAM	Low	879.00	47.30	53.73
		Middle	881.50	47.27	53.38
		High	884.00	47.23	52.87
	64QAM	Low	879.00	47.33	54.05
		Middle	881.50	47.28	53.41
		High	884.00	47.29	53.58
	256QAM	Low	879.00	47.33	54.04
		Middle	881.50	46.96	49.65
		High	884.00	47.15	51.92

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	111.32	110.39	111.04	111.60
881.50	105.21	111.92	110.60	102.14
884.00	109.06	110.06	110.05	107.78

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	47.64	58.04
		Middle	881.50	47.57	57.12
		High	889.00	47.59	57.40
	16QAM	Low	874.00	47.58	57.35
		Middle	881.50	47.67	58.48
		High	889.00	47.51	56.31
	64QAM	Low	874.00	47.60	57.52
		Middle	881.50	47.67	58.47
		High	889.00	47.47	55.89
	256QAM	Low	874.00	47.56	57.06
		Middle	881.50	47.70	58.84
		High	889.00	47.38	54.68
1	QPSK	Low	874.00	47.53	56.68
		Middle	881.50	47.23	52.83
		High	889.00	47.31	53.86
	16QAM	Low	874.00	47.54	56.73
		Middle	881.50	47.27	53.28
		High	889.00	47.23	52.87
	64QAM	Low	874.00	47.55	56.86
		Middle	881.50	47.39	54.87
		High	889.00	47.12	51.46
	256QAM	Low	874.00	47.52	56.44
		Middle	881.50	47.26	53.19
		High	889.00	47.15	51.87

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	114.71	114.08	114.38	113.50
881.50	109.96	111.77	113.33	112.03
889.00	111.26	109.18	107.35	106.55

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	47.46	55.71
		Middle	881.50	47.48	56.01
		High	884.00	47.54	56.74
	16QAM	Low	879.00	47.60	57.57
		Middle	881.50	47.56	57.03
		High	884.00	47.52	56.53
	64QAM	Low	879.00	47.56	57.07
		Middle	881.50	47.53	56.60
		High	884.00	47.55	56.83
	256QAM	Low	879.00	47.57	57.15
		Middle	881.50	47.51	56.30
		High	884.00	47.49	56.13
1	QPSK	Low	879.00	47.27	53.33
		Middle	881.50	47.33	54.10
		High	884.00	47.26	53.22
	16QAM	Low	879.00	47.41	55.08
		Middle	881.50	47.37	54.55
		High	884.00	47.35	54.29
	64QAM	Low	879.00	47.43	55.31
		Middle	881.50	47.34	54.16
		High	884.00	47.32	53.91
	256QAM	Low	879.00	47.39	54.88
		Middle	881.50	47.28	53.47
		High	884.00	47.30	53.72

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	109.04	112.65	112.38	112.03
881.50	110.12	111.58	110.76	109.77
884.00	109.97	110.82	110.75	109.85

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	876.50	47.46	55.72
		Middle	881.50	47.33	54.11
		High	886.50	47.44	55.51
	16QAM	Low	876.50	47.41	55.04
		Middle	881.50	47.34	54.23
		High	886.50	47.42	55.21
	64QAM	Low	876.50	47.44	55.49
		Middle	881.50	47.37	54.63
		High	886.50	47.46	55.67
	256QAM	Low	876.50	47.38	54.66
		Middle	881.50	47.40	54.98
		High	886.50	47.36	54.45
1	QPSK	Low	876.50	47.23	52.84
		Middle	881.50	47.14	51.70
		High	886.50	47.14	51.81
	16QAM	Low	876.50	47.26	53.26
		Middle	881.50	47.16	51.99
		High	886.50	47.20	52.48
	64QAM	Low	876.50	47.27	53.33
		Middle	881.50	47.09	51.14
		High	886.50	47.11	51.43
	256QAM	Low	876.50	47.23	52.87
		Middle	881.50	47.13	51.64
		High	886.50	47.04	50.54

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50	108.57	108.30	108.82	107.53
881.50	105.82	106.21	105.77	106.62
886.50	107.32	107.69	107.10	104.99

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	47.57	57.17
		Middle	881.50	47.42	55.22
		High	889.00	47.44	55.44
	16QAM	Low	874.00	47.41	55.11
		Middle	881.50	47.40	54.95
		High	889.00	47.37	54.63
	64QAM	Low	874.00	47.41	55.11
		Middle	881.50	47.48	55.94
		High	889.00	47.42	55.21
	256QAM	Low	874.00	47.50	56.23
		Middle	881.50	47.45	55.60
		High	889.00	47.47	55.81
1	QPSK	Low	874.00	47.47	55.85
		Middle	881.50	47.13	51.65
		High	889.00	47.11	51.43
	16QAM	Low	874.00	47.43	55.40
		Middle	881.50	47.17	52.18
		High	889.00	47.19	52.40
	64QAM	Low	874.00	47.37	54.63
		Middle	881.50	47.18	52.26
		High	889.00	47.19	52.40
	256QAM	Low	874.00	47.43	55.37
		Middle	881.50	47.13	51.65
		High	889.00	47.19	52.32

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	113.02	110.51	109.73	111.61
881.50	106.88	107.14	108.20	107.26
889.00	106.87	107.02	107.61	108.13

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	876.50	47.50	56.21
		Middle	881.50	47.51	56.40
		High	886.50	47.50	56.29
	16QAM	Low	876.50	47.52	56.51
		Middle	881.50	47.62	57.88
		High	886.50	47.37	54.54
	64QAM	Low	876.50	47.55	56.86
		Middle	881.50	47.44	55.44
		High	886.50	47.52	56.55
	256QAM	Low	876.50	47.66	58.33
		Middle	881.50	47.43	55.28
		High	886.50	47.51	56.32
1	QPSK	Low	876.50	47.25	53.11
		Middle	881.50	47.19	52.35
		High	886.50	47.20	52.50
	16QAM	Low	876.50	47.43	55.35
		Middle	881.50	47.20	52.48
		High	886.50	47.16	52.04
	64QAM	Low	876.50	47.38	54.75
		Middle	881.50	47.07	50.94
		High	886.50	47.25	53.04
	256QAM	Low	876.50	47.37	54.55
		Middle	881.50	47.17	52.11
		High	886.50	47.25	53.15

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50	109.32	111.86	111.61	112.88
881.50	108.75	110.36	106.38	107.39
886.50	108.79	106.58	109.59	109.48

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	47.76	59.73
		Middle	881.50	47.60	57.60
		High	884.00	47.57	57.16
	16QAM	Low	879.00	47.60	57.53
		Middle	881.50	47.64	58.05
		High	884.00	47.67	58.43
	64QAM	Low	879.00	47.64	58.05
		Middle	881.50	47.67	58.51
		High	884.00	47.61	57.66
	256QAM	Low	879.00	46.91	49.06
		Middle	881.50	47.60	57.57
		High	884.00	47.51	56.36
1	QPSK	Low	879.00	47.49	56.13
		Middle	881.50	47.40	54.99
		High	884.00	47.30	53.73
	16QAM	Low	879.00	47.35	54.38
		Middle	881.50	47.30	53.73
		High	884.00	47.33	54.09
	64QAM	Low	879.00	47.36	54.48
		Middle	881.50	47.37	54.53
		High	884.00	47.28	53.46
	256QAM	Low	879.00	47.40	54.93
		Middle	881.50	47.32	53.93
		High	884.00	47.32	53.93

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	115.86	111.91	112.53	103.99
881.50	112.59	111.78	113.03	111.50
884.00	110.89	112.52	111.12	110.29

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	45.52	35.66
		Middle	881.50	45.63	36.58
		High	884.00	45.58	36.12
	16QAM	Low	879.00	45.53	35.74
		Middle	881.50	45.66	36.84
		High	884.00	45.61	36.38
	64QAM	Low	879.00	45.63	36.53
		Middle	881.50	45.69	37.08
		High	884.00	45.55	35.88
	256QAM	Low	879.00	45.32	34.03
		Middle	881.50	45.68	36.99
		High	884.00	45.53	35.72
1	QPSK	Low	879.00	45.39	34.61
		Middle	881.50	45.37	34.47
		High	884.00	45.35	34.28
	16QAM	Low	879.00	45.34	34.20
		Middle	881.50	45.41	34.74
		High	884.00	45.39	34.60
	64QAM	Low	879.00	45.40	34.67
		Middle	881.50	45.41	34.77
		High	884.00	45.36	34.36
	256QAM	Low	879.00	45.43	34.92
		Middle	881.50	45.40	34.67
		High	884.00	45.34	34.17

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	879.00	45.43	34.87
		Middle	881.50	45.39	34.60
		High	884.00	45.21	33.20
	16QAM	Low	879.00	45.44	35.00
		Middle	881.50	45.41	34.74
		High	884.00	45.23	33.32
	64QAM	Low	879.00	45.40	34.69
		Middle	881.50	45.43	34.92
		High	884.00	45.15	32.72
	256QAM	Low	879.00	45.54	35.81
		Middle	881.50	45.44	34.98
		High	884.00	45.20	33.09
3	QPSK	Low	879.00	45.46	35.20
		Middle	881.50	45.55	35.93
		High	884.00	45.21	33.23
	16QAM	Low	879.00	45.44	35.02
		Middle	881.50	45.51	35.54
		High	884.00	45.20	33.15
	64QAM	Low	879.00	45.48	35.33
		Middle	881.50	45.54	35.78
		High	884.00	45.18	32.93
	256QAM	Low	879.00	45.59	36.22
		Middle	881.50	45.54	35.78
		High	884.00	45.17	32.89

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	140.34	139.96	141.22	140.99
881.50	141.59	141.85	142.54	142.43
884.00	136.83	137.46	135.89	135.88

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	45.67	36.92
		Middle	881.50	45.61	36.39
		High	889.00	45.59	36.22
	16QAM	Low	874.00	45.32	34.02
		Middle	881.50	45.67	36.90
		High	889.00	45.52	35.60
	64QAM	Low	874.00	45.43	34.90
		Middle	881.50	45.66	36.81
		High	889.00	45.57	36.04
	256QAM	Low	874.00	45.65	36.69
		Middle	881.50	45.57	36.09
		High	889.00	45.60	36.29
1	QPSK	Low	874.00	45.55	35.92
		Middle	881.50	45.36	34.34
		High	889.00	45.32	34.03
	16QAM	Low	874.00	45.56	35.97
		Middle	881.50	45.43	34.91
		High	889.00	45.35	34.25
	64QAM	Low	874.00	45.61	36.37
		Middle	881.50	45.45	35.11
		High	889.00	45.30	33.87
	256QAM	Low	874.00	45.63	36.59
		Middle	881.50	45.40	34.68
		High	889.00	45.38	34.47

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	874.00	45.25	33.50
		Middle	881.50	45.20	33.14
		High	889.00	45.16	32.81
	16QAM	Low	874.00	45.26	33.57
		Middle	881.50	45.18	32.98
		High	889.00	45.22	33.28
	64QAM	Low	874.00	45.27	33.67
		Middle	881.50	45.20	33.09
		High	889.00	45.20	33.13
	256QAM	Low	874.00	45.22	33.30
		Middle	881.50	45.17	32.89
		High	889.00	45.17	32.85
3	QPSK	Low	874.00	45.21	33.20
		Middle	881.50	45.20	33.09
		High	889.00	45.16	32.82
	16QAM	Low	874.00	45.24	33.38
		Middle	881.50	45.18	32.95
		High	889.00	45.18	32.94
	64QAM	Low	874.00	45.20	33.14
		Middle	881.50	45.18	32.97
		High	889.00	45.16	32.83
	256QAM	Low	874.00	45.21	33.20
		Middle	881.50	45.19	33.02
		High	889.00	45.14	32.70

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	139.54	136.95	138.08	139.79
881.50	136.97	137.74	137.98	136.69
889.00	135.88	136.07	135.87	136.32

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	45.70	37.16
		Middle	881.50	45.67	36.90
		High	884.00	45.57	36.07
	16QAM	Low	879.00	45.79	37.92
		Middle	881.50	45.68	36.98
		High	884.00	45.74	37.51
	64QAM	Low	879.00	45.71	37.24
		Middle	881.50	45.67	36.88
		High	884.00	45.67	36.93
	256QAM	Low	879.00	45.70	37.13
		Middle	881.50	45.73	37.38
		High	884.00	45.75	37.56
1	QPSK	Low	879.00	45.57	36.03
		Middle	881.50	45.52	35.63
		High	884.00	45.50	35.45
	16QAM	Low	879.00	45.59	36.21
		Middle	881.50	45.52	35.67
		High	884.00	45.48	35.29
	64QAM	Low	879.00	45.55	35.93
		Middle	881.50	45.50	35.51
		High	884.00	45.49	35.36
	256QAM	Low	879.00	45.59	36.21
		Middle	881.50	45.59	36.22
		High	884.00	45.47	35.20

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	879.00	45.40	34.71
		Middle	881.50	45.37	34.46
		High	884.00	45.38	34.49
	16QAM	Low	879.00	45.36	34.35
		Middle	881.50	45.34	34.22
		High	884.00	45.30	33.87
	64QAM	Low	879.00	45.31	33.93
		Middle	881.50	45.35	34.25
		High	884.00	45.26	33.60
	256QAM	Low	879.00	45.35	34.25
		Middle	881.50	45.33	34.14
		High	884.00	45.31	33.92
3	QPSK	Low	879.00	45.36	34.32
		Middle	881.50	45.25	33.51
		High	884.00	45.27	33.64
	16QAM	Low	879.00	45.23	33.36
		Middle	881.50	45.26	33.58
		High	884.00	45.28	33.72
	64QAM	Low	879.00	45.23	33.36
		Middle	881.50	45.30	33.92
		High	884.00	45.31	33.95
	256QAM	Low	879.00	45.25	33.50
		Middle	881.50	45.32	34.03
		High	884.00	45.24	33.44

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	142.22	141.84	140.45	141.09
881.50	140.50	140.46	140.56	141.76
884.00	139.64	140.38	139.83	140.12

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	876.50	45.22	33.25
		Middle	881.50	45.18	32.92
		High	886.50	45.48	35.33
	16QAM	Low	876.50	45.19	33.01
		Middle	881.50	45.38	34.49
		High	886.50	45.48	35.30
	64QAM	Low	876.50	45.26	33.55
		Middle	881.50	45.35	34.31
		High	886.50	45.43	34.94
	256QAM	Low	876.50	45.28	33.75
		Middle	881.50	45.43	34.93
		High	886.50	45.51	35.55
1	QPSK	Low	876.50	45.13	32.60
		Middle	881.50	45.11	32.43
		High	886.50	45.49	35.38
	16QAM	Low	876.50	45.13	32.58
		Middle	881.50	45.24	33.45
		High	886.50	45.49	35.43
	64QAM	Low	876.50	45.13	32.57
		Middle	881.50	45.48	35.35
		High	886.50	45.46	35.13
	256QAM	Low	876.50	45.14	32.64
		Middle	881.50	45.47	35.23
		High	886.50	45.46	35.16

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	876.50	45.37	34.40
		Middle	881.50	45.18	32.96
		High	886.50	45.37	34.47
	16QAM	Low	876.50	45.35	34.29
		Middle	881.50	45.48	35.34
		High	886.50	45.28	33.73
	64QAM	Low	876.50	45.35	34.31
		Middle	881.50	45.71	37.27
		High	886.50	45.28	33.76
	256QAM	Low	876.50	45.37	34.42
		Middle	881.50	45.68	36.94
		High	886.50	45.29	33.80
3	QPSK	Low	876.50	45.22	33.24
		Middle	881.50	45.15	32.75
		High	886.50	45.38	34.54
	16QAM	Low	876.50	45.17	32.87
		Middle	881.50	45.34	34.17
		High	886.50	45.41	34.79
	64QAM	Low	876.50	45.23	33.34
		Middle	881.50	45.36	34.39
		High	886.50	45.40	34.64
	256QAM	Low	876.50	45.16	32.80
		Middle	881.50	45.35	34.28
		High	886.50	45.41	34.72

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50	133.49	132.75	133.77	133.61
881.50	131.06	137.45	141.32	141.38
886.50	139.72	139.25	138.47	139.22

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	874.00	45.32	34.02
		Middle	881.50	45.25	33.53
		High	889.00	45.33	34.14
	16QAM	Low	874.00	45.29	33.77
		Middle	881.50	45.26	33.54
		High	889.00	45.30	33.85
	64QAM	Low	874.00	45.40	34.68
		Middle	881.50	45.07	32.14
		High	889.00	45.31	33.93
	256QAM	Low	874.00	45.44	35.02
		Middle	881.50	45.38	34.50
		High	889.00	45.17	32.90
1	QPSK	Low	874.00	45.56	35.96
		Middle	881.50	45.36	34.37
		High	889.00	45.40	34.67
	16QAM	Low	874.00	45.68	36.95
		Middle	881.50	45.43	34.88
		High	889.00	45.42	34.81
	64QAM	Low	874.00	45.65	36.69
		Middle	881.50	45.34	34.22
		High	889.00	45.33	34.09
	256QAM	Low	874.00	45.61	36.36
		Middle	881.50	45.32	34.07
		High	889.00	45.36	34.39

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	874.00	45.38	34.50
		Middle	881.50	45.46	35.18
		High	889.00	45.34	34.17
	16QAM	Low	874.00	45.50	35.46
		Middle	881.50	45.52	35.67
		High	889.00	45.38	34.49
	64QAM	Low	874.00	45.45	35.04
		Middle	881.50	45.45	35.10
		High	889.00	45.35	34.30
	256QAM	Low	874.00	45.46	35.17
		Middle	881.50	45.53	35.69
		High	889.00	45.34	34.19
3	QPSK	Low	874.00	45.43	34.91
		Middle	881.50	45.49	35.38
		High	889.00	45.63	36.53
	16QAM	Low	874.00	45.51	35.53
		Middle	881.50	45.50	35.47
		High	889.00	45.70	37.13
	64QAM	Low	874.00	45.55	35.86
		Middle	881.50	45.48	35.30
		High	889.00	45.60	36.35
	256QAM	Low	874.00	45.49	35.41
		Middle	881.50	45.56	35.95
		High	889.00	45.61	36.39

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00	139.39	141.70	142.28	141.96
881.50	138.46	139.56	136.76	140.21
889.00	139.52	140.27	138.67	137.87

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	876.50	45.65	36.73
		Middle	881.50	45.75	37.56
		High	886.50	45.66	36.79
	16QAM	Low	876.50	45.71	37.28
		Middle	881.50	45.70	37.18
		High	886.50	45.77	37.76
	64QAM	Low	876.50	45.39	34.62
		Middle	881.50	45.36	34.34
		High	886.50	45.40	34.71
	256QAM	Low	876.50	45.37	34.40
		Middle	881.50	45.41	34.75
		High	886.50	45.50	35.45
1	QPSK	Low	876.50	45.45	35.05
		Middle	881.50	45.38	34.51
		High	886.50	45.31	33.97
	16QAM	Low	876.50	45.55	35.92
		Middle	881.50	45.32	34.06
		High	886.50	45.44	34.97
	64QAM	Low	876.50	45.48	35.33
		Middle	881.50	45.30	33.87
		High	886.50	45.37	34.45
	256QAM	Low	876.50	45.42	34.86
		Middle	881.50	45.32	34.04
		High	886.50	45.40	34.67

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	876.50	45.44	34.98
		Middle	881.50	45.49	35.39
		High	886.50	45.37	34.40
	16QAM	Low	876.50	45.49	35.38
		Middle	881.50	45.44	34.95
		High	886.50	45.41	34.74
	64QAM	Low	876.50	45.41	34.72
		Middle	881.50	45.49	35.41
		High	886.50	45.39	34.62
	256QAM	Low	876.50	45.48	35.29
		Middle	881.50	45.48	35.33
		High	886.50	45.44	34.98
3	QPSK	Low	876.50	45.48	35.35
		Middle	881.50	45.57	36.02
		High	886.50	45.58	36.16
	16QAM	Low	876.50	45.56	35.96
		Middle	881.50	45.56	35.99
		High	886.50	45.65	36.76
	64QAM	Low	876.50	45.49	35.42
		Middle	881.50	45.53	35.69
		High	886.50	45.68	37.01
	256QAM	Low	876.50	45.54	35.83
		Middle	881.50	45.54	35.79
		High	886.50	45.71	37.23

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50	142.11	144.54	140.10	140.38
881.50	143.48	142.18	139.31	139.92
886.50	141.32	144.23	140.78	142.33

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	45.39	34.60
		Middle	881.50	45.32	34.03
		High	884.00	45.39	34.63
	16QAM	Low	879.00	45.40	34.63
		Middle	881.50	45.38	34.54
		High	884.00	45.48	35.34
	64QAM	Low	879.00	45.36	34.32
		Middle	881.50	45.33	34.16
		High	884.00	45.45	35.10
	256QAM	Low	879.00	45.35	34.31
		Middle	881.50	45.29	33.82
		High	884.00	45.46	35.14
1	QPSK	Low	879.00	45.46	35.15
		Middle	881.50	45.44	34.99
		High	884.00	45.42	34.83
	16QAM	Low	879.00	45.53	35.74
		Middle	881.50	45.46	35.16
		High	884.00	45.42	34.86
	64QAM	Low	879.00	45.48	35.35
		Middle	881.50	45.43	34.91
		High	884.00	45.40	34.64
	256QAM	Low	879.00	45.41	34.79
		Middle	881.50	45.40	34.71
		High	884.00	45.41	34.75

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	879.00	45.46	35.14
		Middle	881.50	45.47	35.22
		High	884.00	45.48	35.29
	16QAM	Low	879.00	45.47	35.25
		Middle	881.50	45.51	35.55
		High	884.00	45.42	34.85
	64QAM	Low	879.00	45.48	35.35
		Middle	881.50	45.49	35.38
		High	884.00	45.41	34.79
	256QAM	Low	879.00	45.41	34.75
		Middle	881.50	45.48	35.28
		High	884.00	45.40	34.67
3	QPSK	Low	879.00	45.56	35.98
		Middle	881.50	45.61	36.35
		High	884.00	45.64	36.68
	16QAM	Low	879.00	45.57	36.03
		Middle	881.50	45.60	36.32
		High	884.00	45.64	36.67
	64QAM	Low	879.00	45.57	36.04
		Middle	881.50	45.63	36.52
		High	884.00	45.59	36.22
	256QAM	Low	879.00	45.56	36.01
		Middle	881.50	45.59	36.19
		High	884.00	45.58	36.17

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	140.87	141.66	141.07	139.85
881.50	140.58	141.56	140.97	140.00
884.00	141.43	141.72	140.74	140.73

(2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	751.00	47.10	51.25
	16QAM	Middle	751.00	46.89	48.85
	64QAM	Middle	751.00	46.91	49.06
	256QAM	Middle	751.00	47.06	50.86
1	QPSK	Middle	751.00	47.19	52.32
	16QAM	Middle	751.00	47.09	51.23
	64QAM	Middle	751.00	47.19	52.42
	256QAM	Middle	751.00	47.18	52.30

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
751.00	103.57	100.08	101.48	103.16

(4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	751.00	45.53	35.74
	16QAM	Middle	751.00	45.22	33.28
	64QAM	Middle	751.00	45.13	32.56
	256QAM	Middle	751.00	45.18	32.98
1	QPSK	Middle	751.00	45.47	35.27
	16QAM	Middle	751.00	45.47	35.25
	64QAM	Middle	751.00	45.51	35.53
	256QAM	Middle	751.00	45.48	35.30
2	QPSK	Middle	751.00	45.18	32.99
	16QAM	Middle	751.00	45.22	33.27
	64QAM	Middle	751.00	45.23	33.32
	256QAM	Middle	751.00	45.09	32.29
3	QPSK	Middle	751.00	45.42	34.83
	16QAM	Middle	751.00	45.38	34.53
	64QAM	Middle	751.00	45.37	34.45
	256QAM	Middle	751.00	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			
751.00	138.84	136.33	135.86	135.12

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	881.50	46.85	48.41
	16QAM	Middle	881.50	46.82	48.13
	64QAM	Middle	881.50	46.83	48.16
	256QAM	Middle	881.50	46.82	48.07
1	QPSK	Middle	881.50	46.79	47.80
	16QAM	Middle	881.50	46.79	47.75
	64QAM	Middle	881.50	46.80	47.86
	256QAM	Middle	881.50	46.78	47.65

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
881.50	96.21	95.88	96.03	95.73

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	881.50	47.59	57.48
	16QAM	Middle	881.50	47.14	51.78
	64QAM	Middle	881.50	47.62	57.77
	256QAM	Middle	881.50	47.42	55.22
1	QPSK	Middle	881.50	47.27	53.33
	16QAM	Middle	881.50	47.26	53.22
	64QAM	Middle	881.50	47.36	54.40
	256QAM	Middle	881.50	47.28	53.43

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
881.50	110.81	105.01	112.17	108.65

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	881.50	47.26	53.25
	16QAM	Middle	881.50	47.35	54.38
	64QAM	Middle	881.50	47.32	53.95
	256QAM	Middle	881.50	47.34	54.15
1	QPSK	Middle	881.50	47.21	52.59
	16QAM	Middle	881.50	47.20	52.48
	64QAM	Middle	881.50	47.24	52.99
	256QAM	Middle	881.50	47.22	52.69

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
881.50	105.84	106.86	106.94	106.84

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	47.48	55.94
		Middle	881.50	47.41	55.06
		High	884.00	47.41	55.08
	16QAM	Low	879.00	47.47	55.81
		Middle	881.50	47.48	55.95
		High	884.00	47.45	55.60
	64QAM	Low	879.00	47.49	56.04
		Middle	881.50	47.39	54.83
		High	884.00	47.53	56.64
	256QAM	Low	879.00	47.46	55.74
		Middle	881.50	47.41	55.13
		High	884.00	47.55	56.86
1	QPSK	Low	879.00	47.36	54.45
		Middle	881.50	47.19	52.41
		High	884.00	47.29	53.58
	16QAM	Low	879.00	47.39	54.84
		Middle	881.50	47.30	53.74
		High	884.00	47.30	53.65
	64QAM	Low	879.00	47.40	54.89
		Middle	881.50	47.26	53.15
		High	884.00	47.33	54.08
	256QAM	Low	879.00	47.33	54.03
		Middle	881.50	47.28	53.41
		High	884.00	47.30	53.70

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
879.00	110.39	110.65	110.93	109.77
881.50	107.47	109.69	107.98	108.54
884.00	108.66	109.26	110.71	110.56

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	881.50	45.62	36.47
	16QAM	Middle	881.50	45.67	36.87
	64QAM	Middle	881.50	45.40	34.67
	256QAM	Middle	881.50	45.69	37.03
1	QPSK	Middle	881.50	45.53	35.69
	16QAM	Middle	881.50	45.53	35.72
	64QAM	Middle	881.50	45.49	35.40
	256QAM	Middle	881.50	45.50	35.52
2	QPSK	Middle	881.50	45.28	33.71
	16QAM	Middle	881.50	45.24	33.40
	64QAM	Middle	881.50	45.23	33.37
	256QAM	Middle	881.50	45.26	33.58
3	QPSK	Middle	881.50	45.18	32.95
	16QAM	Middle	881.50	45.22	33.25
	64QAM	Middle	881.50	45.23	33.36
	256QAM	Middle	881.50	45.17	32.91

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
881.50	138.82	139.24	136.80	139.05

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	881.50	45.49	35.38
	16QAM	Middle	881.50	45.53	35.69
	64QAM	Middle	881.50	45.56	36.02
	256QAM	Middle	881.50	45.54	35.78
1	QPSK	Middle	881.50	45.38	34.54
	16QAM	Middle	881.50	45.36	34.39
	64QAM	Middle	881.50	45.42	34.84
	256QAM	Middle	881.50	45.35	34.26
2	QPSK	Middle	881.50	45.18	32.95
	16QAM	Middle	881.50	45.21	33.22
	64QAM	Middle	881.50	45.21	33.21
	256QAM	Middle	881.50	45.18	32.99
3	QPSK	Middle	881.50	45.15	32.76
	16QAM	Middle	881.50	45.19	33.02
	64QAM	Middle	881.50	45.15	32.73
	256QAM	Middle	881.50	45.14	32.69

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
881.50	135.62	136.32	136.80	135.73

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Middle	881.50	45.74	37.53
	16QAM	Middle	881.50	45.67	36.86
	64QAM	Middle	881.50	45.66	36.85
	256QAM	Middle	881.50	45.63	36.60
1	QPSK	Middle	881.50	45.55	35.92
	16QAM	Middle	881.50	45.48	35.32
	64QAM	Middle	881.50	45.55	35.86
	256QAM	Middle	881.50	45.42	34.87
2	QPSK	Middle	881.50	45.21	33.21
	16QAM	Middle	881.50	45.23	33.34
	64QAM	Middle	881.50	45.19	33.07
	256QAM	Middle	881.50	45.17	32.85
3	QPSK	Middle	881.50	45.25	33.50
	16QAM	Middle	881.50	45.23	33.35
	64QAM	Middle	881.50	45.19	33.01
	256QAM	Middle	881.50	45.18	32.95

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
881.50	140.16	138.87	138.79	137.28

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
0	QPSK	Low	879.00	45.53	35.74
		Middle	881.50	45.47	35.26
		High	884.00	45.52	35.67
	16QAM	Low	879.00	45.56	35.93
		Middle	881.50	45.41	34.73
		High	884.00	45.40	34.67
	64QAM	Low	879.00	45.55	35.93
		Middle	881.50	45.52	35.65
		High	884.00	45.55	35.88
	256QAM	Low	879.00	45.54	35.84
		Middle	881.50	45.60	36.31
		High	884.00	45.56	36.00
1	QPSK	Low	879.00	45.65	36.76
		Middle	881.50	45.56	36.00
		High	884.00	45.53	35.76
	16QAM	Low	879.00	45.63	36.55
		Middle	881.50	45.46	35.12
		High	884.00	45.57	36.08
	64QAM	Low	879.00	45.62	36.48
		Middle	881.50	45.65	36.72
		High	884.00	45.56	35.98
	256QAM	Low	879.00	45.66	36.84
		Middle	881.50	45.62	36.49
		High	884.00	45.53	35.76

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm)	Calculated (W)
2	QPSK	Low	879.00	45.27	33.64
		Middle	881.50	45.34	34.21
		High	884.00	45.24	33.38
	16QAM	Low	879.00	45.33	34.09
		Middle	881.50	45.20	33.12
		High	884.00	45.21	33.20
	64QAM	Low	879.00	45.39	34.63
		Middle	881.50	45.32	34.03
		High	884.00	45.26	33.60
	256QAM	Low	879.00	45.34	34.18
		Middle	881.50	45.35	34.28
		High	884.00	45.26	33.54
3	QPSK	Low	879.00	45.41	34.74
		Middle	881.50	45.41	34.74
		High	884.00	45.31	33.95
	16QAM	Low	879.00	45.36	34.37
		Middle	881.50	45.35	34.24
		High	884.00	45.35	34.31
	64QAM	Low	879.00	45.40	34.68
		Middle	881.50	45.38	34.51
		High	884.00	45.32	34.07
	256QAM	Low	879.00	45.41	34.75
		Middle	881.50	45.37	34.42
		High	884.00	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			
879.00	140.87	140.94	141.72	141.62
881.50	140.20	137.20	140.90	141.50
884.00	138.76	138.27	139.53	139.04

Tabular Data of RF Non-Contiguous output power
(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		B5 DSS 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	44.34	889.00	44.43	47.40	54.95
	16QAM	874.00	44.45	889.00	44.40	47.44	55.40
	64QAM	874.00	44.52	889.00	44.46	47.50	56.25
	256QAM	874.00	44.48	889.00	44.48	47.49	56.07
1	QPSK	874.00	44.37	889.00	44.17	47.28	53.44
	16QAM	874.00	44.48	889.00	44.13	47.32	53.91
	64QAM	874.00	44.39	889.00	44.15	47.28	53.46
	256QAM	874.00	44.40	889.00	44.19	47.30	53.73

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 889.00	108.39	109.31	109.71	109.80

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	5G NR n5 5 MHz		5G NR n5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	871.50	44.45	891.50	44.42	47.45	55.54
	16QAM	871.50	44.44	891.50	44.46	47.46	55.72
	64QAM	871.50	44.55	891.50	44.40	47.48	56.00
	256QAM	871.50	44.60	891.50	44.55	47.59	57.36
1	QPSK	871.50	44.63	891.50	44.26	47.46	55.69
	16QAM	871.50	44.70	891.50	44.30	47.51	56.40
	64QAM	871.50	44.59	891.50	44.19	47.41	55.02
	256QAM	871.50	44.66	891.50	44.29	47.49	56.10

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
871.50 + 891.50	111.23	112.12	111.02	113.46

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	5G NR n5 10 MHz		5G NR n5 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	44.49	889.00	44.43	47.47	55.86
	16QAM	874.00	44.55	889.00	44.48	47.53	56.62
	64QAM	874.00	44.51	889.00	44.56	47.54	56.81
	256QAM	874.00	44.49	889.00	44.43	47.47	55.84
1	QPSK	874.00	44.56	889.00	44.27	47.43	55.34
	16QAM	874.00	44.56	889.00	44.24	47.41	55.12
	64QAM	874.00	44.46	889.00	44.21	47.34	54.26
	256QAM	874.00	44.47	889.00	44.25	47.37	54.62

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 889.00	111.21	111.74	111.06	110.46

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	45.48	891.50	42.50	47.25	53.11
	16QAM	874.00	45.51	891.50	42.57	47.29	53.61
	64QAM	874.00	45.56	891.50	42.57	47.33	54.08
	256QAM	874.00	45.50	891.50	42.67	47.33	54.02
1	QPSK	874.00	45.46	891.50	42.34	47.19	52.32
	16QAM	874.00	45.47	891.50	42.34	47.19	52.35
	64QAM	874.00	45.51	891.50	42.46	47.26	53.19
	256QAM	874.00	45.61	891.50	42.38	47.30	53.67

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 891.50	105.43	105.96	107.27	107.69

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	5G NR n5 5 MHz		LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	871.50	44.44	891.50	44.34	47.40	54.95
	16QAM	871.50	44.38	891.50	44.43	47.42	55.17
	64QAM	871.50	44.49	891.50	44.50	47.51	56.30
	256QAM	871.50	44.44	891.50	44.47	47.46	55.78
1	QPSK	871.50	44.52	891.50	44.16	47.35	54.37
	16QAM	871.50	44.47	891.50	44.24	47.37	54.56
	64QAM	871.50	44.57	891.50	44.17	47.38	54.73
	256QAM	871.50	44.60	891.50	44.20	47.42	55.16

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
871.50 + 891.50	109.32	109.74	111.04	110.94

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		5G NR n5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	45.79	891.50	42.76	47.55	56.85
	16QAM	874.00	45.61	891.50	42.64	47.39	54.79
	64QAM	874.00	45.67	891.50	42.72	47.45	55.57
	256QAM	874.00	45.63	891.50	42.67	47.40	55.01
1	QPSK	874.00	45.69	891.50	42.54	47.40	55.00
	16QAM	874.00	45.64	891.50	42.44	47.34	54.15
	64QAM	874.00	45.60	891.50	42.49	47.33	54.07
	256QAM	874.00	45.55	891.50	42.46	47.29	53.54

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 891.50	111.85	108.95	109.64	108.55

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		5G NR n5 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	44.14	889.00	44.63	47.40	54.98
	16QAM	874.00	44.68	889.00	44.11	47.41	55.11
	64QAM	874.00	44.60	889.00	44.71	47.67	58.45
	256QAM	874.00	44.67	889.00	44.76	47.73	59.24
1	QPSK	874.00	44.39	889.00	44.29	47.35	54.36
	16QAM	874.00	44.41	889.00	44.25	47.34	54.24
	64QAM	874.00	44.39	889.00	44.30	47.36	54.43
	256QAM	874.00	44.47	889.00	44.33	47.41	55.09

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 889.00	109.34	109.36	112.89	114.33

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		B5 DSS 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	42.47	889.00	42.47	45.48	35.31
	16QAM	874.00	42.65	889.00	42.59	45.63	36.55
	64QAM	874.00	42.54	889.00	42.44	45.50	35.47
	256QAM	874.00	42.07	889.00	42.11	45.10	32.36
1	QPSK	874.00	42.51	889.00	42.31	45.42	34.82
	16QAM	874.00	42.56	889.00	42.25	45.42	34.82
	64QAM	874.00	42.54	889.00	42.34	45.45	35.07
	256QAM	874.00	42.13	889.00	42.09	45.12	32.52
2	QPSK	874.00	42.27	889.00	42.15	45.22	33.25
	16QAM	874.00	42.19	889.00	42.08	45.15	32.72
	64QAM	874.00	42.17	889.00	42.15	45.17	32.90
	256QAM	874.00	42.19	889.00	42.05	45.13	32.59
3	QPSK	874.00	42.13	889.00	42.01	45.08	32.22
	16QAM	874.00	42.16	889.00	42.08	45.13	32.59
	64QAM	874.00	42.13	889.00	42.12	45.14	32.62
	256QAM	874.00	42.10	889.00	42.01	45.07	32.13

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 889.00	135.60	136.69	136.07	129.59

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	5G NR n5 5 MHz		5G NR n5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	871.50	42.21	891.50	42.63	45.44	34.98
	16QAM	871.50	42.04	891.50	42.70	45.39	34.63
	64QAM	871.50	42.76	891.50	42.56	45.67	36.92
	256QAM	871.50	42.67	891.50	42.61	45.65	36.71
1	QPSK	871.50	42.67	891.50	42.29	45.50	35.44
	16QAM	871.50	42.80	891.50	42.38	45.60	36.32
	64QAM	871.50	42.66	891.50	42.28	45.48	35.36
	256QAM	871.50	42.68	891.50	42.37	45.54	35.81
2	QPSK	871.50	42.29	891.50	42.12	45.22	33.24
	16QAM	871.50	42.24	891.50	42.21	45.23	33.36
	64QAM	871.50	42.21	891.50	42.20	45.22	33.26
	256QAM	871.50	42.20	891.50	42.29	45.26	33.55
3	QPSK	871.50	42.30	891.50	42.19	45.26	33.56
	16QAM	871.50	42.24	891.50	42.17	45.22	33.26
	64QAM	871.50	42.18	891.50	42.13	45.17	32.87
	256QAM	871.50	42.08	891.50	42.25	45.18	32.94

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
871.50 + 891.50	137.22	137.57	138.41	139.02

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	5G NR n5 10 MHz		5G NR n5 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	42.05	889.00	42.44	45.26	33.59
	16QAM	874.00	42.75	889.00	42.76	45.77	37.73
	64QAM	874.00	42.79	889.00	42.80	45.80	38.04
	256QAM	874.00	42.74	889.00	42.69	45.72	37.35
1	QPSK	874.00	42.59	889.00	42.36	45.49	35.36
	16QAM	874.00	42.65	889.00	42.45	45.56	35.96
	64QAM	874.00	42.61	889.00	42.48	45.56	35.98
	256QAM	874.00	42.65	889.00	42.41	45.54	35.82
2	QPSK	874.00	42.36	889.00	42.29	45.34	34.17
	16QAM	874.00	42.36	889.00	42.27	45.32	34.08
	64QAM	874.00	42.34	889.00	42.32	45.34	34.21
	256QAM	874.00	42.37	889.00	42.21	45.30	33.92
3	QPSK	874.00	42.33	889.00	42.23	45.29	33.83
	16QAM	874.00	42.26	889.00	42.22	45.25	33.51
	64QAM	874.00	42.31	889.00	42.30	45.32	34.02
	256QAM	874.00	42.24	889.00	42.20	45.23	33.35

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 889.00	136.95	141.29	142.24	140.45

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	43.73	891.50	40.75	45.50	35.47
	16QAM	874.00	43.65	891.50	40.72	45.44	35.01
	64QAM	874.00	43.74	891.50	40.68	45.48	35.34
	256QAM	874.00	43.69	891.50	40.64	45.43	34.95
1	QPSK	874.00	43.93	891.50	40.64	45.60	36.32
	16QAM	874.00	43.88	891.50	40.55	45.54	35.81
	64QAM	874.00	43.84	891.50	40.63	45.53	35.76
	256QAM	874.00	43.81	891.50	40.52	45.48	35.30
2	QPSK	874.00	43.49	891.50	40.49	45.25	33.51
	16QAM	874.00	43.59	891.50	40.47	45.32	34.01
	64QAM	874.00	43.47	891.50	40.41	45.21	33.22
	256QAM	874.00	43.48	891.50	40.41	45.22	33.25
3	QPSK	874.00	43.66	891.50	40.52	45.38	34.49
	16QAM	874.00	43.64	891.50	40.38	45.32	34.03
	64QAM	874.00	43.63	891.50	40.39	45.31	33.99
	256QAM	874.00	43.64	891.50	40.43	45.33	34.14

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 891.50	139.78	138.87	138.32	137.64

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	5G NR n5 5 MHz		LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	871.50	42.40	891.50	42.94	45.69	37.07
	16QAM	871.50	42.74	891.50	42.74	45.75	37.61
	64QAM	871.50	42.12	891.50	42.78	45.47	35.26
	256QAM	871.50	42.20	891.50	42.75	45.49	35.41
1	QPSK	871.50	42.72	891.50	42.37	45.56	35.96
	16QAM	871.50	42.81	891.50	42.43	45.64	36.62
	64QAM	871.50	42.72	891.50	42.38	45.57	36.02
	256QAM	871.50	42.78	891.50	42.34	45.58	36.13
2	QPSK	871.50	42.50	891.50	42.31	45.42	34.80
	16QAM	871.50	42.46	891.50	42.36	45.42	34.85
	64QAM	871.50	42.34	891.50	42.35	45.35	34.29
	256QAM	871.50	42.42	891.50	42.34	45.39	34.63
3	QPSK	871.50	42.43	891.50	42.72	45.59	36.22
	16QAM	871.50	42.45	891.50	42.81	45.64	36.66
	64QAM	871.50	42.47	891.50	42.68	45.59	36.20
	256QAM	871.50	42.50	891.50	42.63	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			
871.50 + 891.50	144.07	145.74	141.77	142.28

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		5G NR n5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	43.93	891.50	40.88	45.68	36.98
	16QAM	874.00	43.98	891.50	40.92	45.72	37.36
	64QAM	874.00	43.92	891.50	40.87	45.66	36.85
	256QAM	874.00	43.87	891.50	40.73	45.59	36.20
1	QPSK	874.00	43.80	891.50	40.54	45.48	35.31
	16QAM	874.00	43.88	891.50	40.60	45.55	35.92
	64QAM	874.00	43.80	891.50	40.47	45.46	35.14
	256QAM	874.00	43.83	891.50	40.56	45.51	35.52
2	QPSK	874.00	43.75	891.50	40.52	45.44	34.98
	16QAM	874.00	43.75	891.50	40.58	45.46	35.12
	64QAM	874.00	43.63	891.50	40.55	45.37	34.42
	256QAM	874.00	43.80	891.50	40.63	45.51	35.55
3	QPSK	874.00	43.75	891.50	40.95	45.59	36.19
	16QAM	874.00	43.75	891.50	40.97	45.59	36.21
	64QAM	874.00	43.72	891.50	40.95	45.57	36.02
	256QAM	874.00	43.79	891.50	41.03	45.63	36.57

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 891.50	143.46	144.61	142.43	143.85

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	B5 DSS 10 MHz		5G NR n5 10 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	42.67	889.00	42.83	45.76	37.67
	16QAM	874.00	42.17	889.00	42.72	45.47	35.21
	64QAM	874.00	42.60	889.00	42.71	45.66	36.83
	256QAM	874.00	42.64	889.00	42.81	45.74	37.47
1	QPSK	874.00	42.51	889.00	42.38	45.46	35.14
	16QAM	874.00	42.03	889.00	42.35	45.21	33.16
	64QAM	874.00	42.51	889.00	42.37	45.45	35.09
	256QAM	874.00	42.40	889.00	42.41	45.41	34.78
2	QPSK	874.00	42.35	889.00	42.42	45.39	34.63
	16QAM	874.00	42.05	889.00	42.41	45.24	33.46
	64QAM	874.00	42.41	889.00	42.39	45.41	34.77
	256QAM	874.00	42.33	889.00	42.44	45.39	34.62
3	QPSK	874.00	42.42	889.00	42.66	45.55	35.89
	16QAM	874.00	42.02	889.00	42.67	45.37	34.42
	64QAM	874.00	42.36	889.00	42.71	45.55	35.87
	256QAM	874.00	42.41	889.00	42.71	45.57	36.07

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
874.00 + 889.00	143.32	136.25	142.57	142.95

(2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod	B5 DSS 10 MHz		5G NR n5 5 MHz + LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	44.34	889.00	44.46	47.41	55.10
	16QAM	874.00	44.29	889.00	44.43	47.37	54.57
	64QAM	874.00	44.38	889.00	44.44	47.42	55.24
	256QAM	874.00	44.43	889.00	44.50	47.48	55.94
1	QPSK	874.00	44.34	889.00	44.18	47.27	53.35
	16QAM	874.00	44.41	889.00	44.26	47.35	54.31
	64QAM	874.00	44.33	889.00	44.24	47.29	53.64
	256QAM	874.00	44.37	889.00	44.20	47.30	53.69

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50 + 891.50	108.46	108.88	108.88	109.63

(2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

Ant.	Mod	B5 DSS 10 MHz + 5G NR n5 5 MHz		LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	876.50	46.07	891.50	41.40	47.35	54.29
	16QAM	876.50	45.68	891.50	41.47	47.08	51.03
	64QAM	876.50	46.23	891.50	41.51	47.49	56.09
	256QAM	876.50	46.17	891.50	41.37	47.41	55.12
1	QPSK	876.50	46.08	891.50	41.23	47.31	53.85
	16QAM	876.50	46.08	891.50	41.26	47.32	53.94
	64QAM	876.50	46.12	891.50	41.26	47.35	54.29
	256QAM	876.50	46.07	891.50	41.24	47.30	53.75

Sum Data of Port 0 and Port 1

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50 + 891.50	108.14	104.98	110.38	108.88

(4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod	B5 DSS 10 MHz		5G NR n5 5 MHz + LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	874.00	42.24	889.00	42.28	45.27	33.65
	16QAM	874.00	42.27	889.00	42.32	45.30	33.90
	64QAM	874.00	42.35	889.00	42.43	45.40	34.70
	256QAM	874.00	42.38	889.00	42.53	45.47	35.21
1	QPSK	874.00	42.60	889.00	42.40	45.51	35.55
	16QAM	874.00	42.44	889.00	42.36	45.41	34.78
	64QAM	874.00	42.61	889.00	42.52	45.57	36.10
	256QAM	874.00	42.64	889.00	42.50	45.58	36.14
2	QPSK	874.00	42.16	889.00	42.15	45.16	32.84
	16QAM	874.00	42.15	889.00	42.18	45.17	32.90
	64QAM	874.00	42.27	889.00	42.27	45.28	33.70
	256QAM	874.00	42.18	889.00	42.18	45.19	33.04
3	QPSK	874.00	42.25	889.00	42.27	45.27	33.64
	16QAM	874.00	42.23	889.00	42.17	45.21	33.22
	64QAM	874.00	42.31	889.00	42.24	45.29	33.77
	256QAM	874.00	42.30	889.00	42.23	45.27	33.69

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50 + 891.50	135.68	134.80	138.27	138.07

(4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

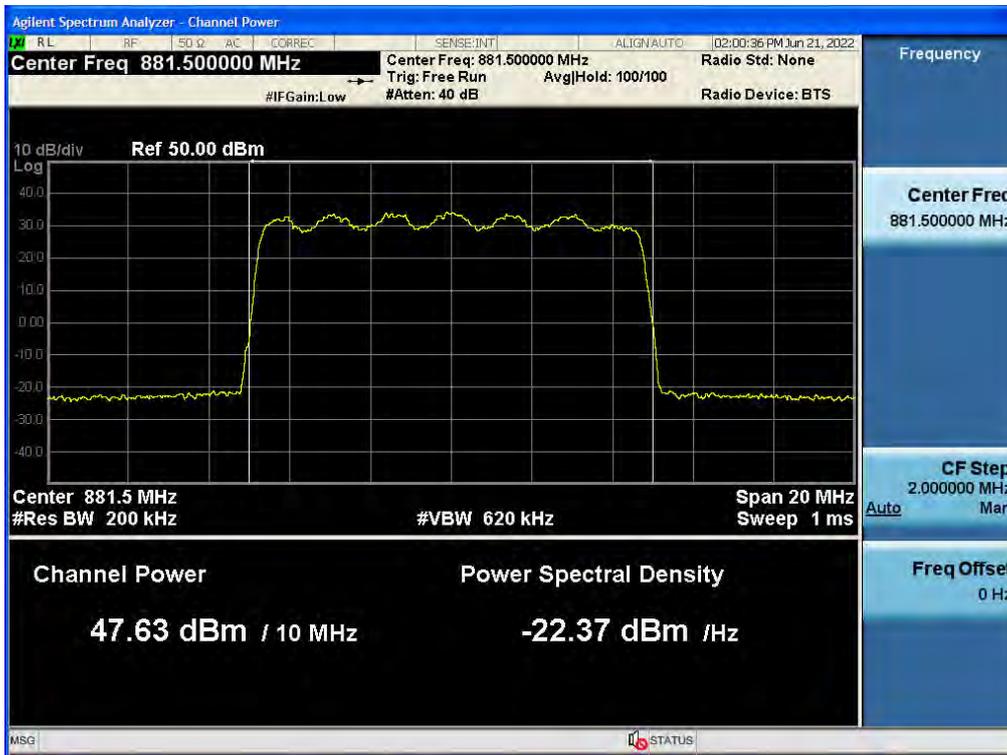
Ant.	Mod	B5 DSS 10 MHz + 5G NR n5 5 MHz		LTE B5 5 MHz		Summation Value (dBm)	Calculated (W)
		Frequency (MHz)	Measured Value (dBm)	Frequency (MHz)	Measured Value (dBm)		
0	QPSK	876.50	44.36	891.50	39.45	45.58	36.11
	16QAM	876.50	44.10	891.50	39.28	45.34	34.18
	64QAM	876.50	44.22	891.50	39.42	45.46	35.18
	256QAM	876.50	44.24	891.50	39.47	45.49	35.37
1	QPSK	876.50	44.37	891.50	39.51	45.60	36.29
	16QAM	876.50	44.22	891.50	39.36	45.44	35.03
	64QAM	876.50	44.34	891.50	39.47	45.57	36.02
	256QAM	876.50	44.39	891.50	39.58	45.63	36.56
2	QPSK	876.50	43.99	891.50	39.13	45.21	33.22
	16QAM	876.50	43.95	891.50	39.15	45.19	33.07
	64QAM	876.50	43.96	891.50	39.22	45.22	33.24
	256QAM	876.50	44.02	891.50	39.23	45.26	33.59
3	QPSK	876.50	44.14	891.50	39.25	45.36	34.37
	16QAM	876.50	44.05	891.50	39.13	45.26	33.58
	64QAM	876.50	44.10	891.50	39.30	45.34	34.19
	256QAM	876.50	44.10	891.50	39.24	45.33	34.13

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

Frequency (MHz)	Output Power(Conducted)			
	QPSK	16QAM	64QAM	256QAM
	W			
876.50 + 891.50	139.99	135.86	138.63	139.66

Plot Data of RF Output Power

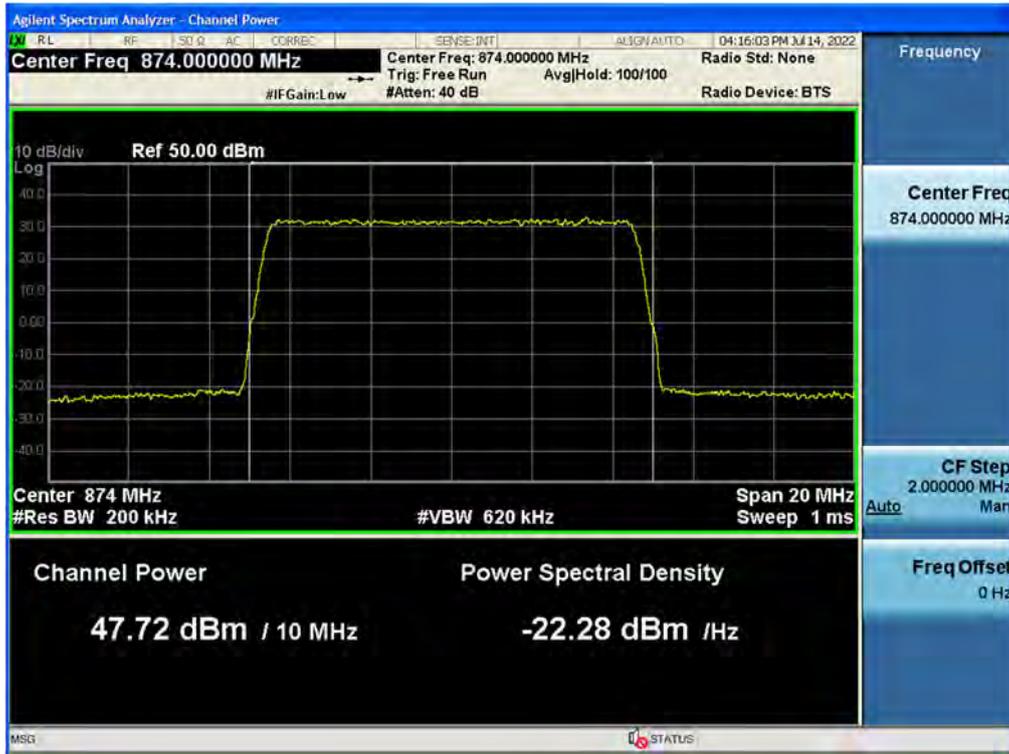
Antenna 0 / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 16QAM / Middle



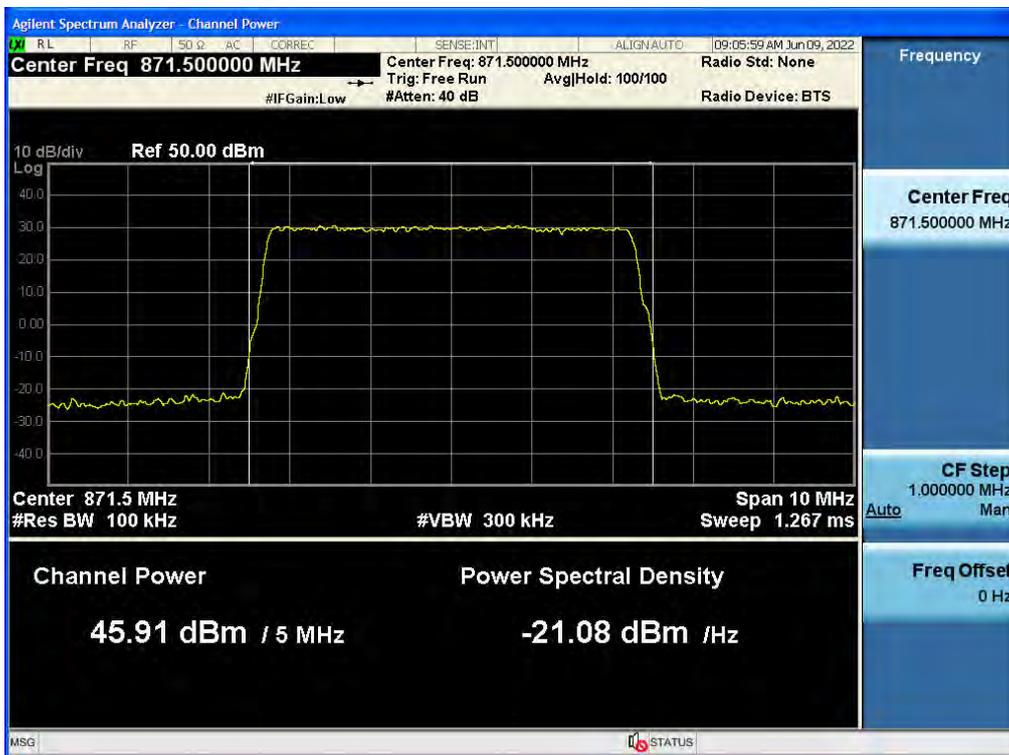
Antenna 1 / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 256QAM / Low



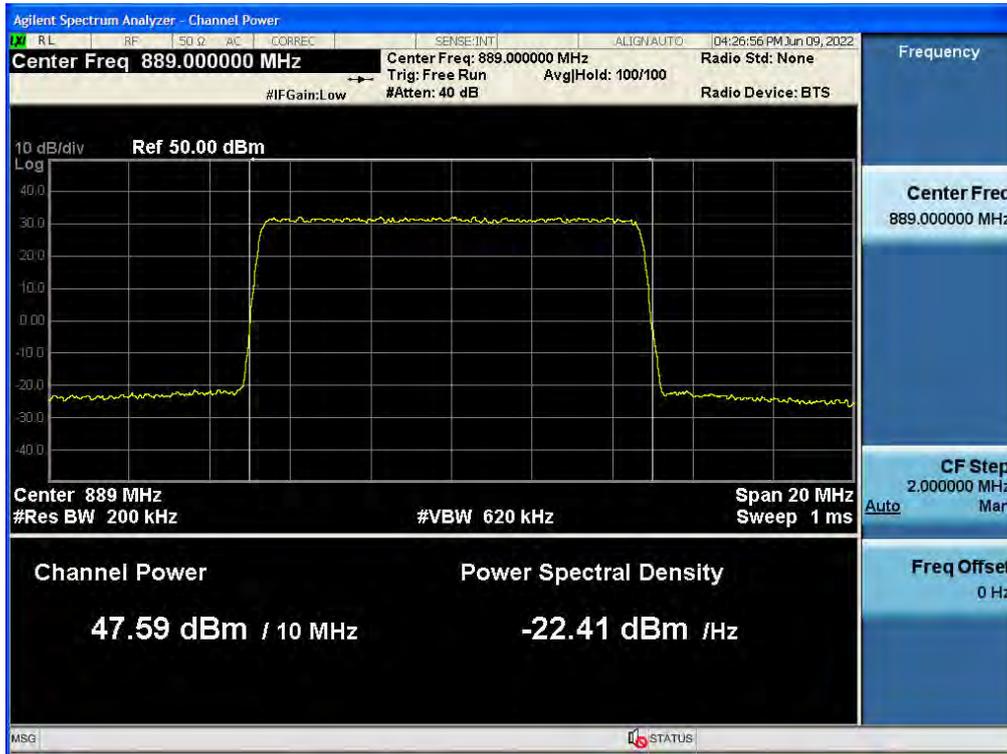
Antenna 0 / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 256QAM / Low



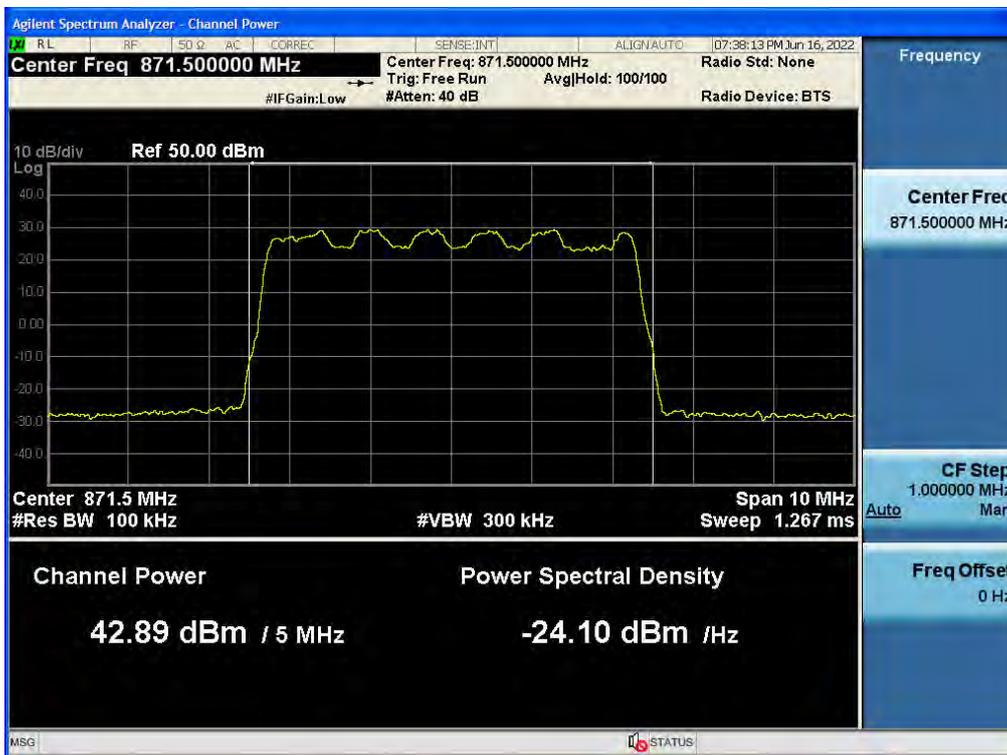
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Low



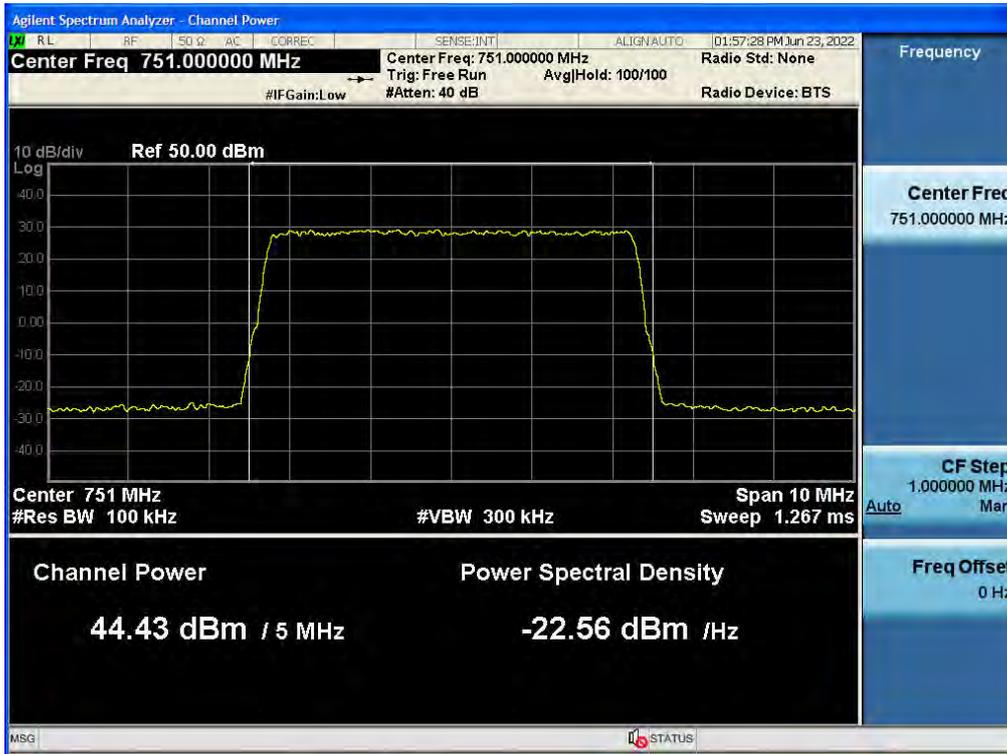
Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High



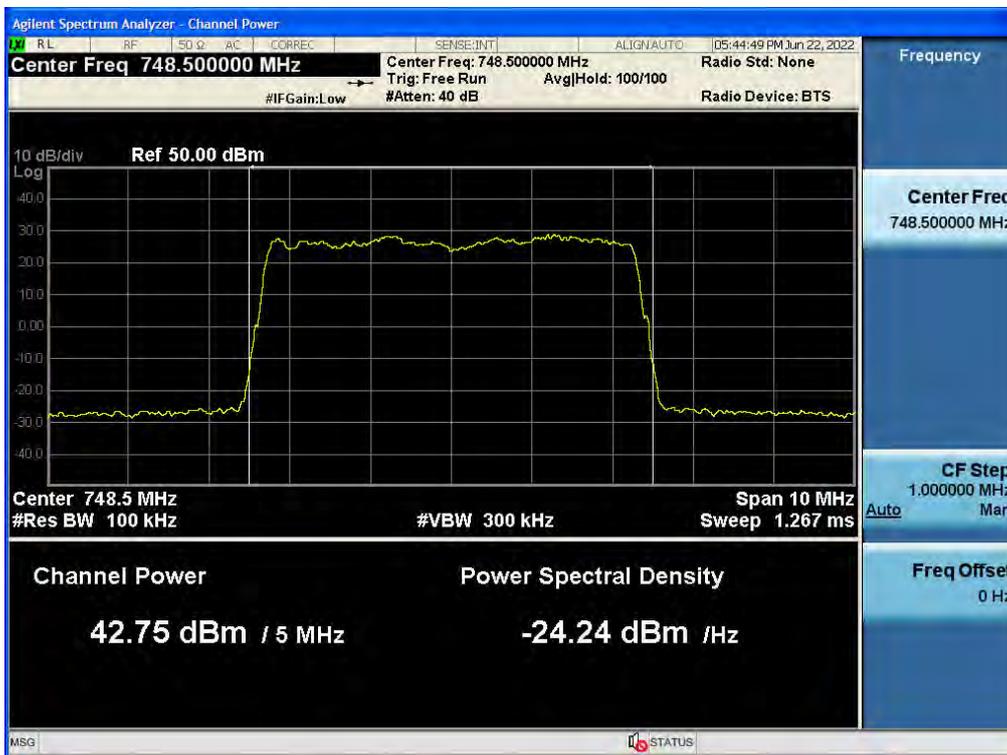
Antenna 1 / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low



Antenna 0 / (2 Port)LTE B13 5 MHz 1 Carrier / 64QAM / Middle



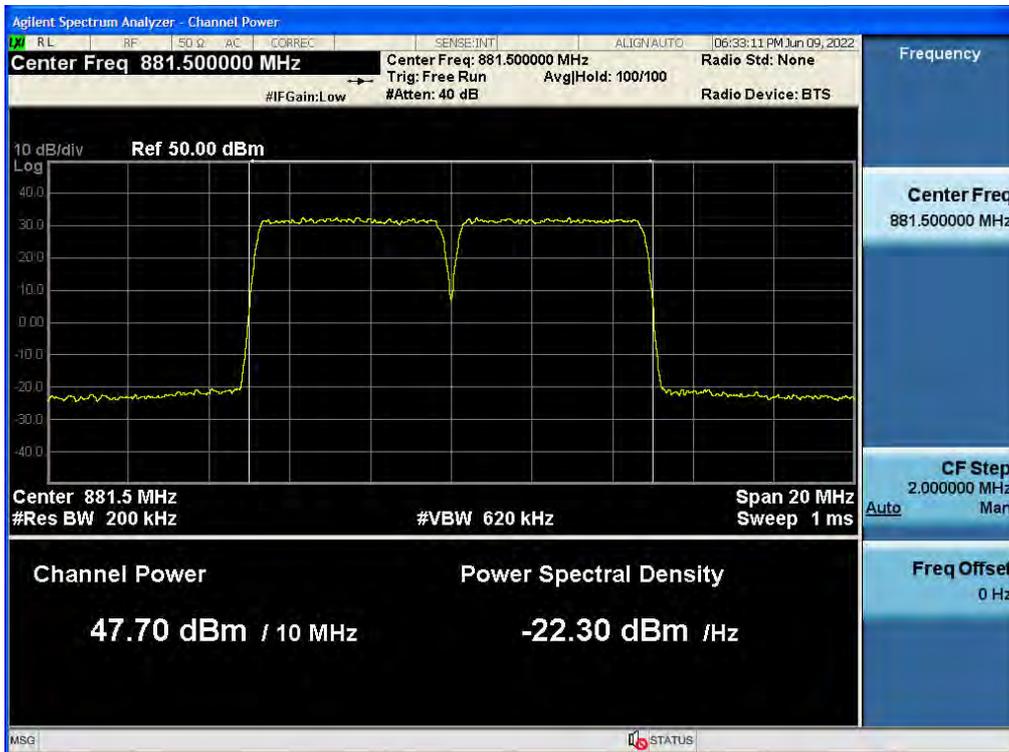
Antenna 0 / (4 Port)LTE B13 5 MHz 1 Carrier / 16QAM / Low



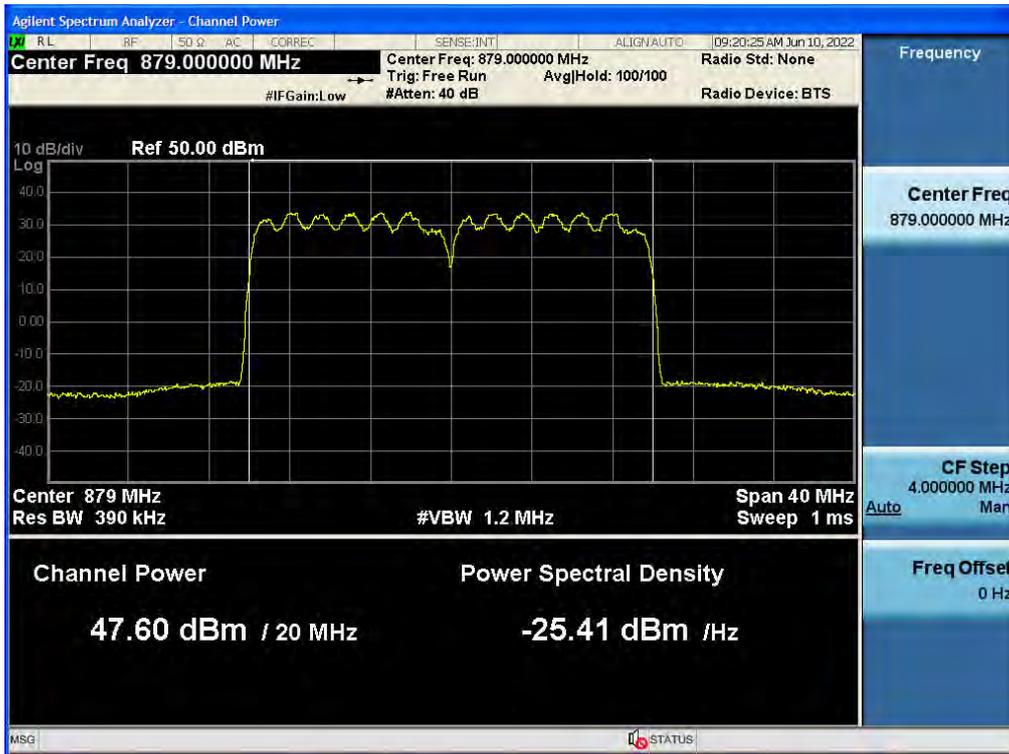
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



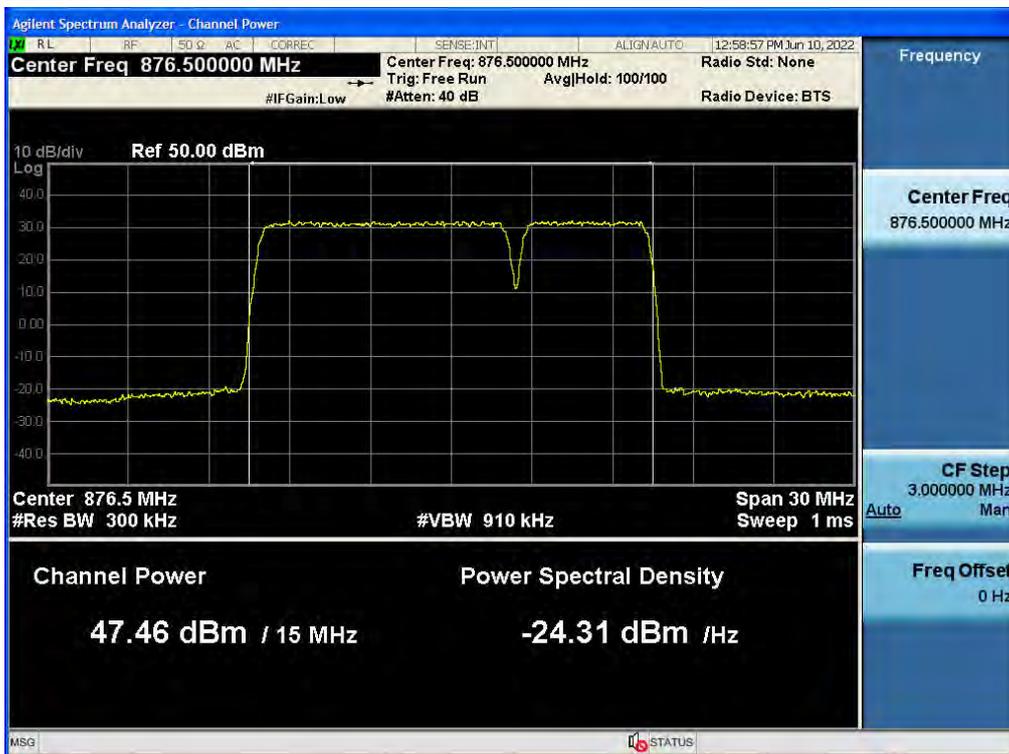
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Middle

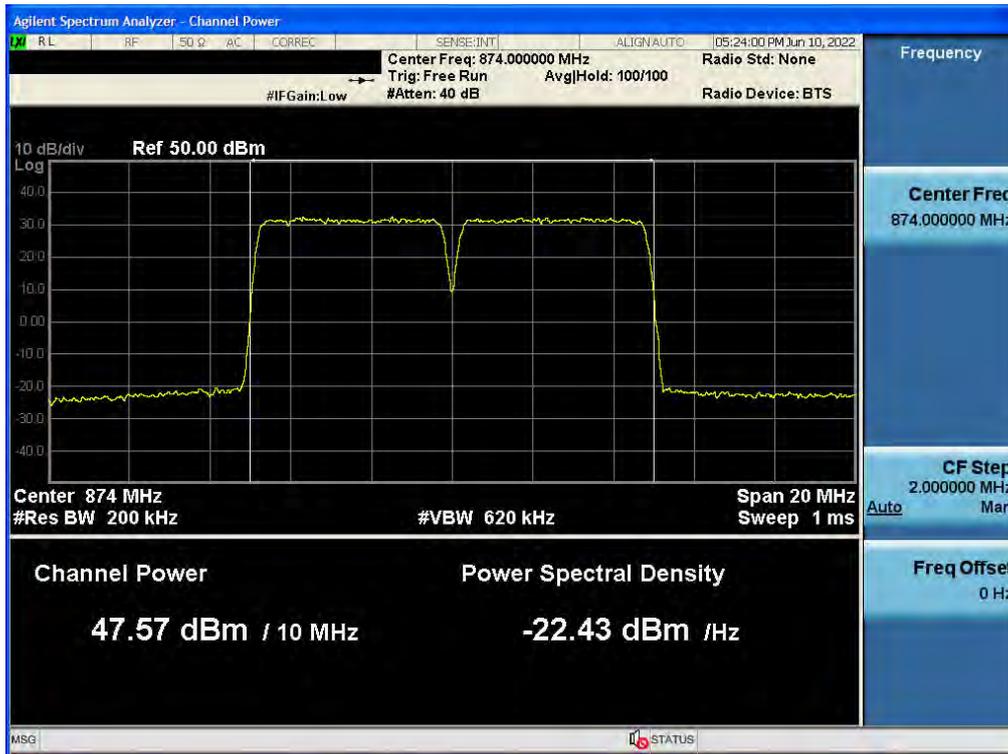


Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

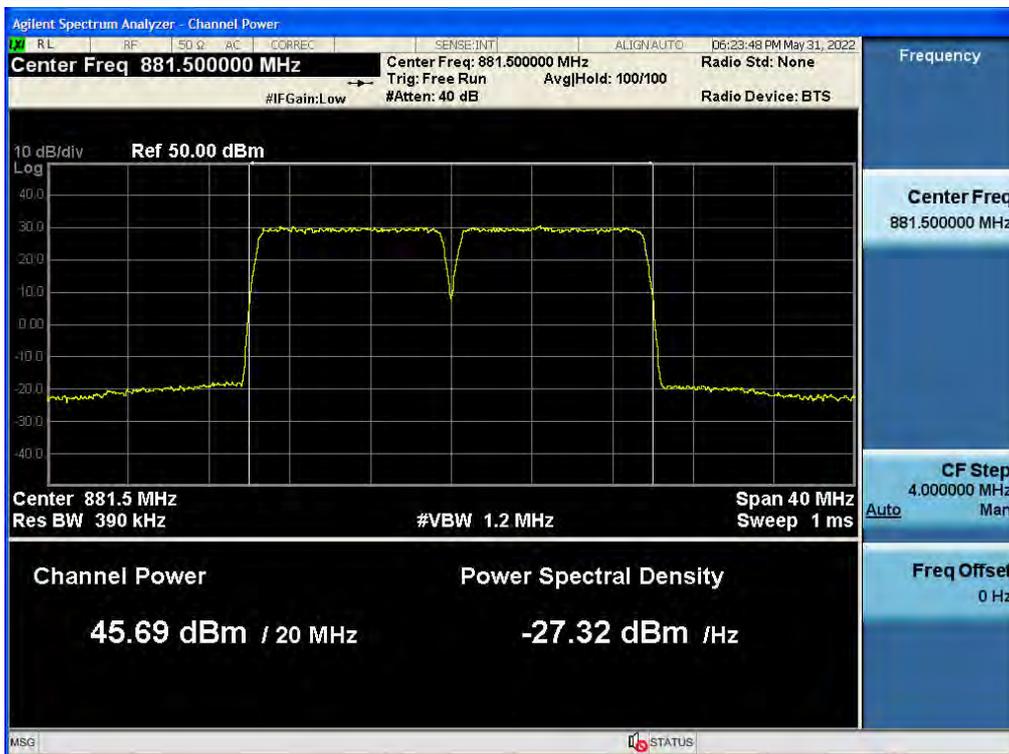


Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low

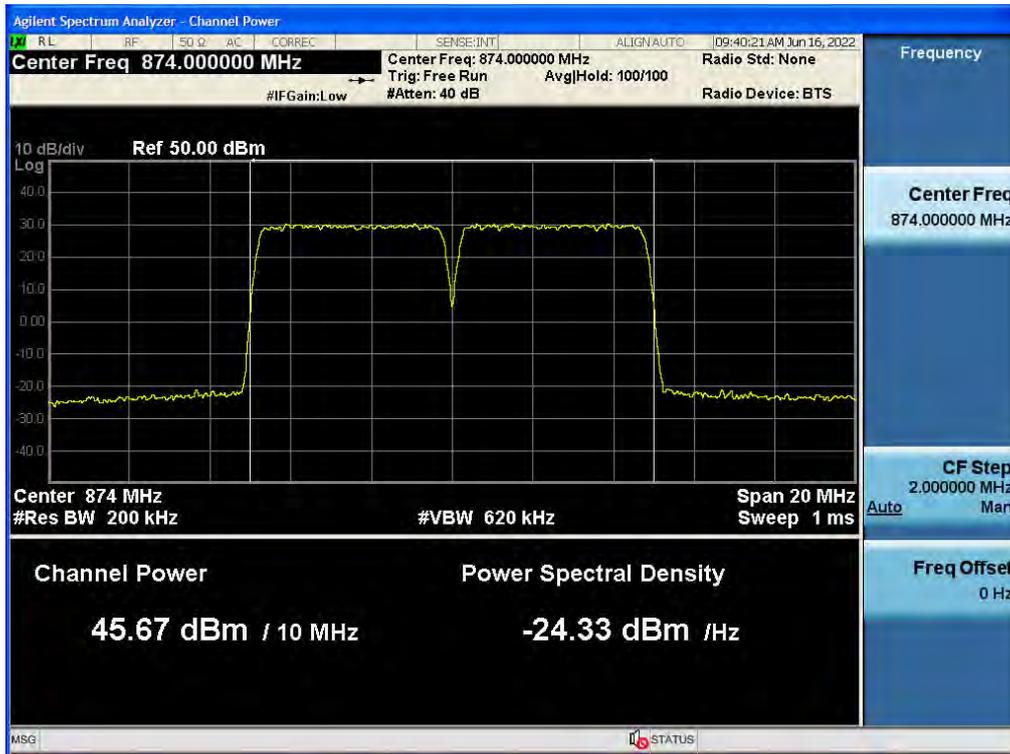

Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



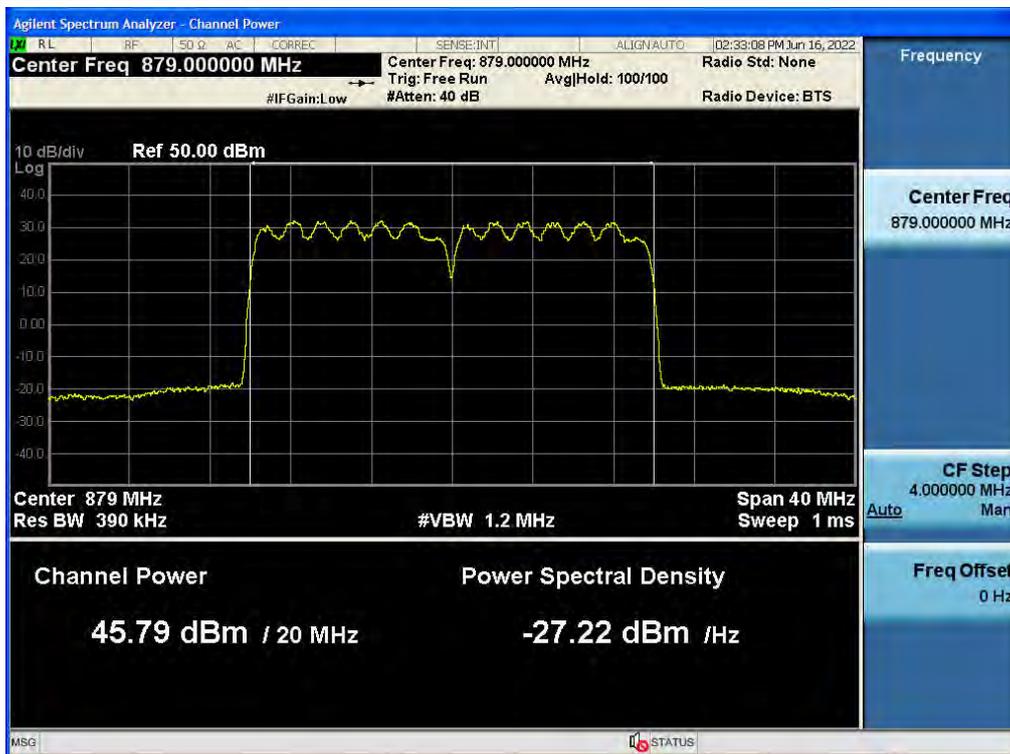
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle



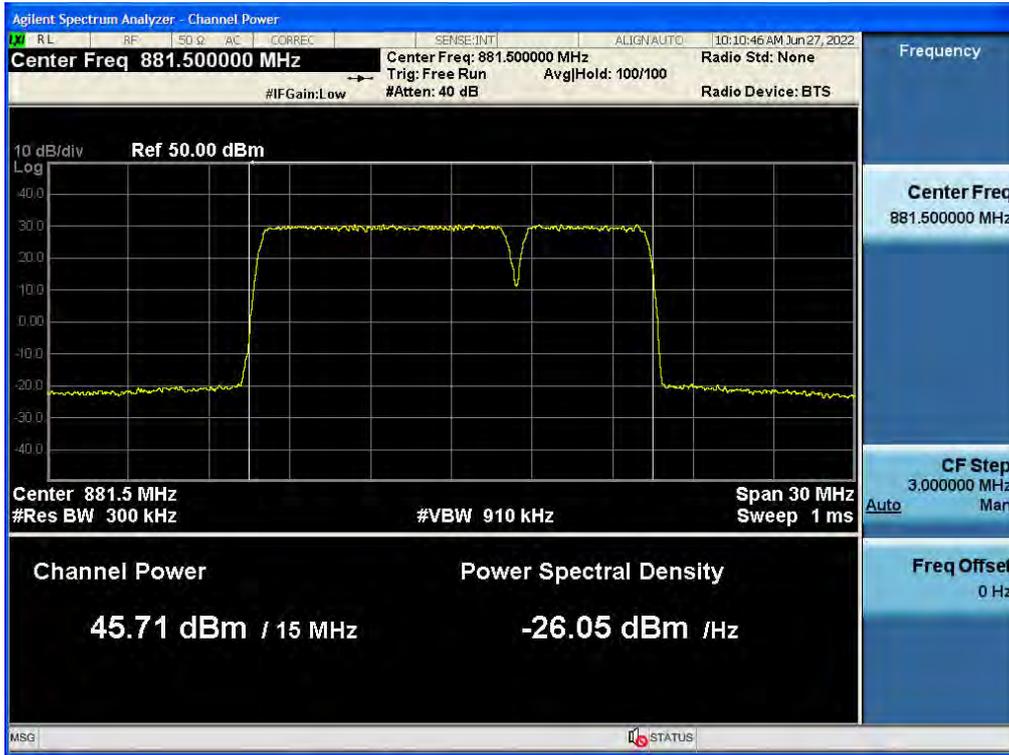
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



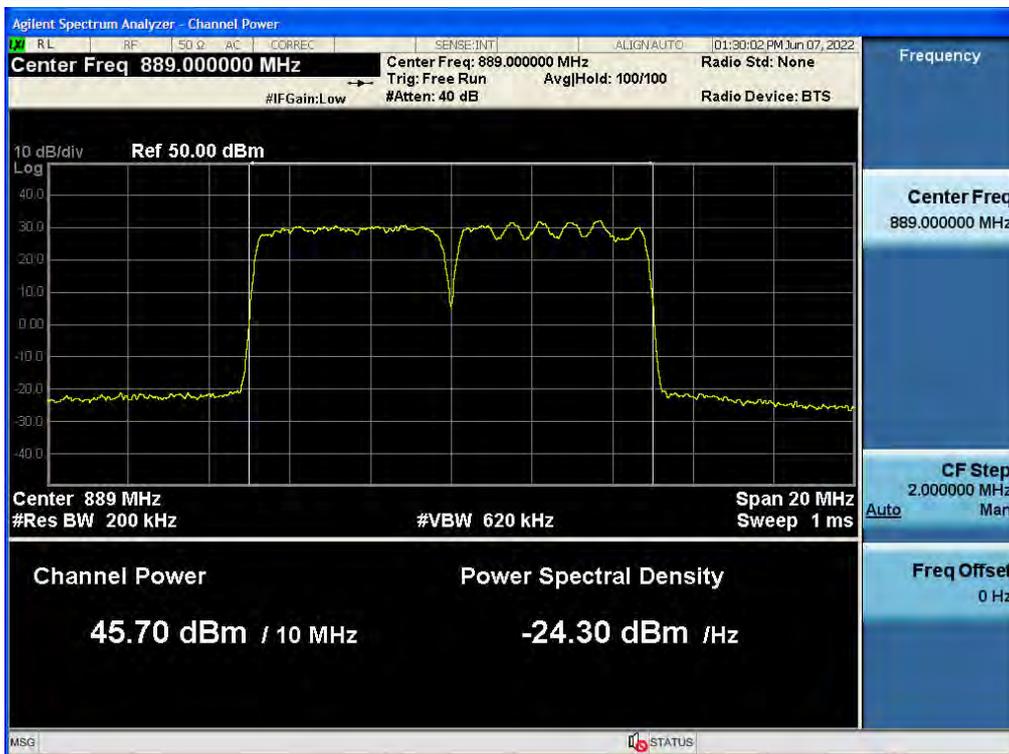
Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



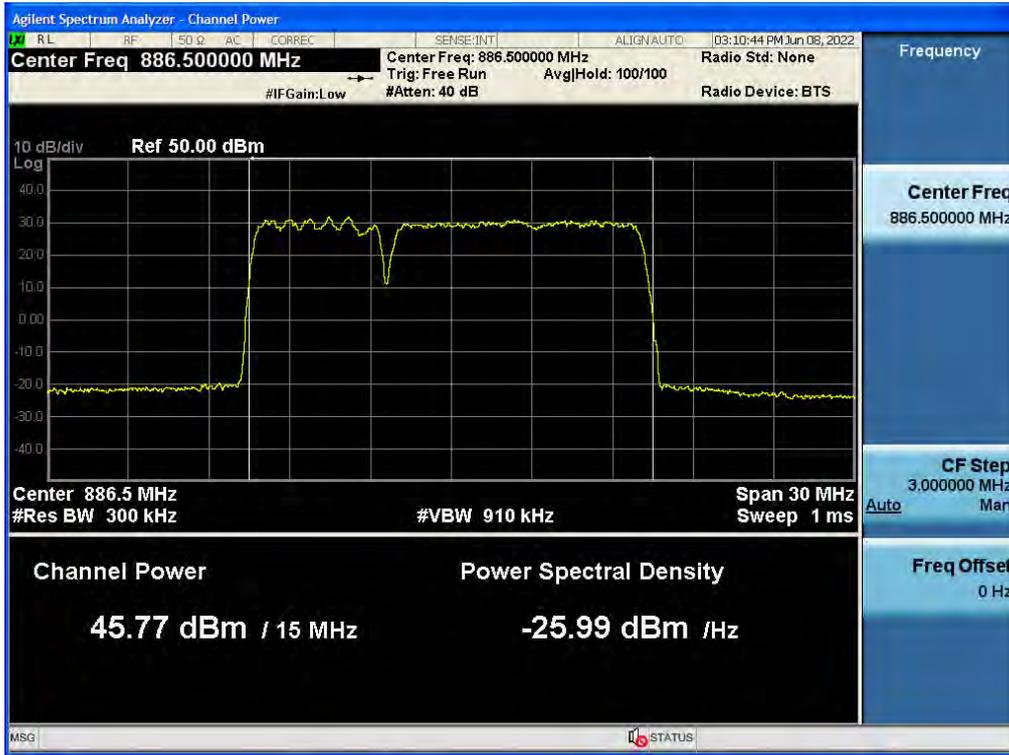
Antenna 2 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle



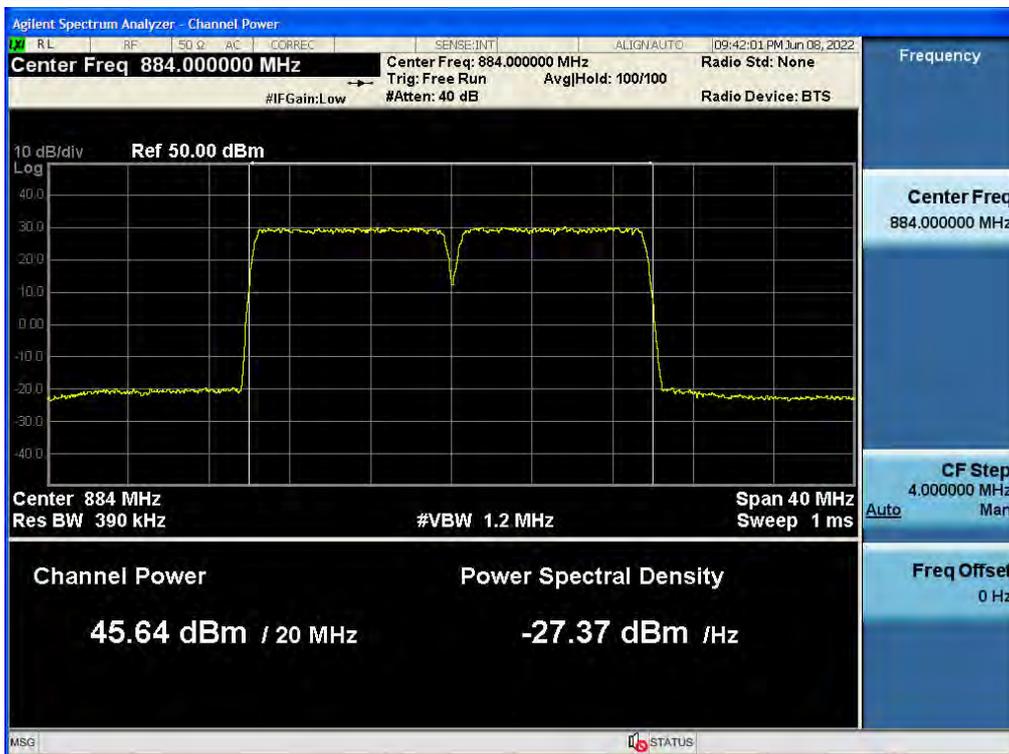
Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



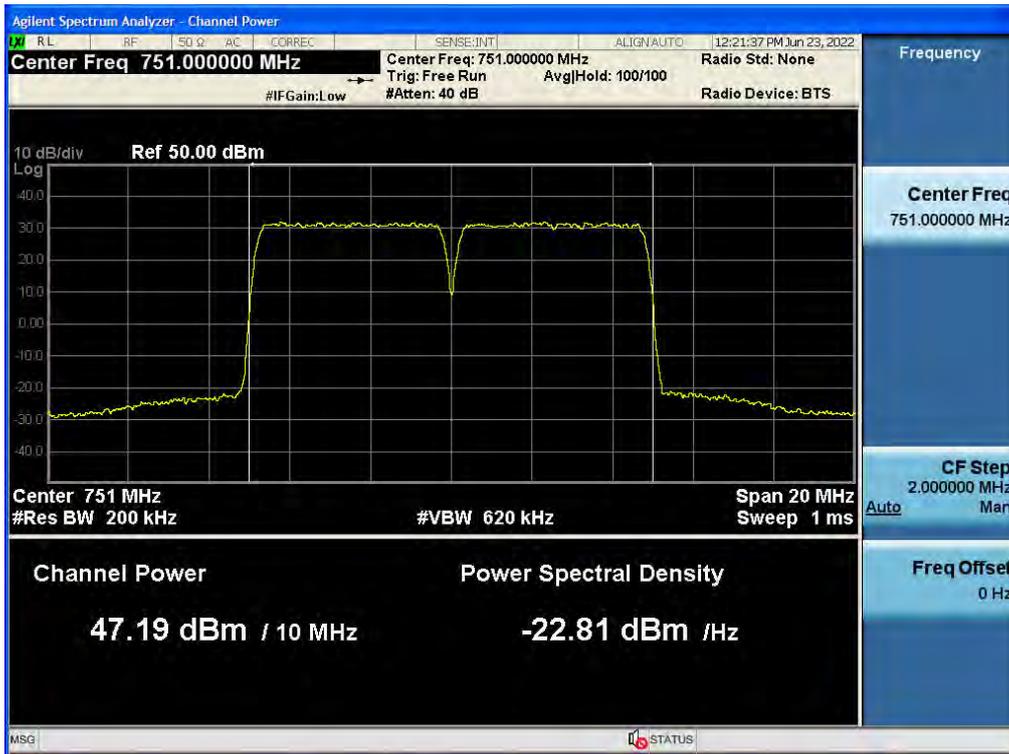
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



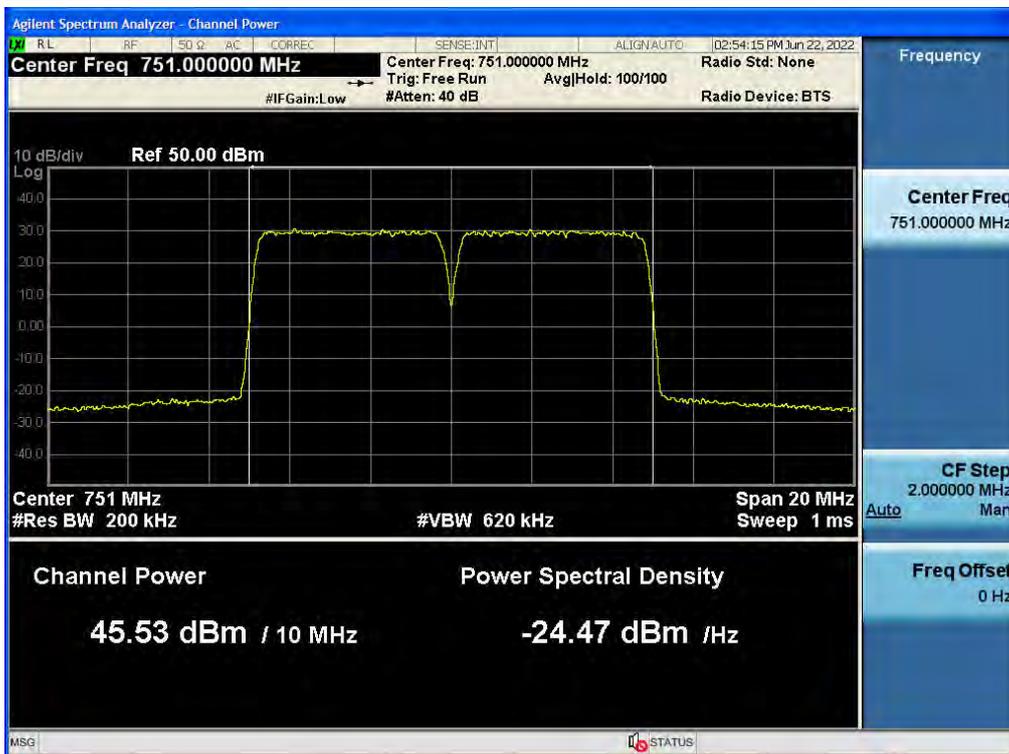
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



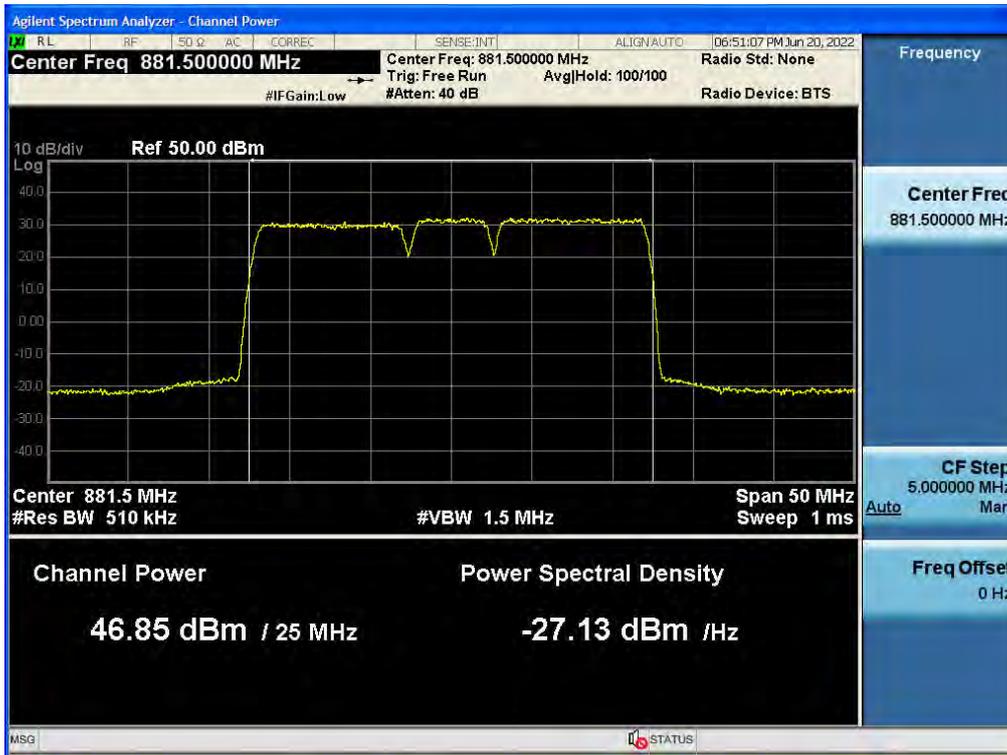
Antenna 1 / (2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle



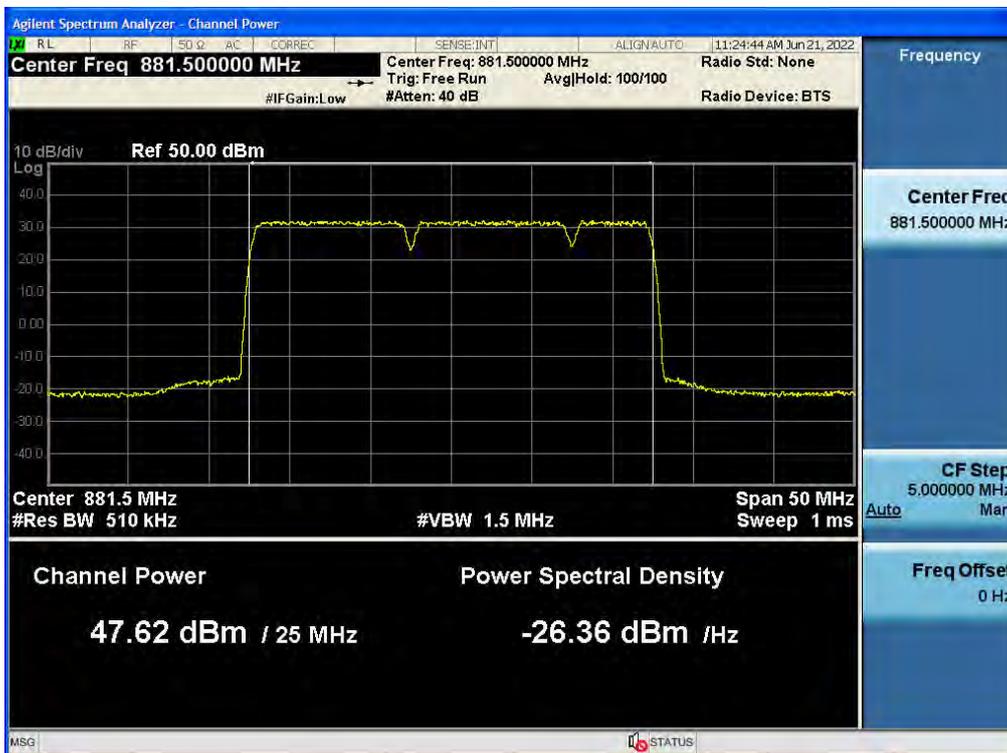
Antenna 0 / (4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Middle



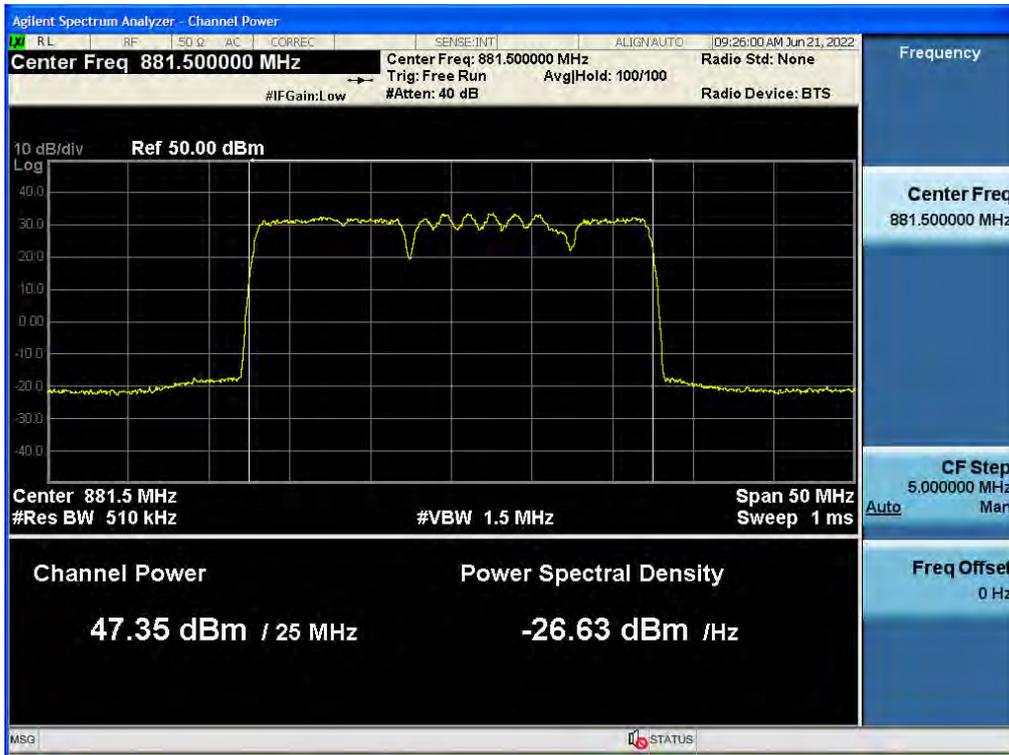
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier] / Contiguous / QPSK / Middle



Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / Middle



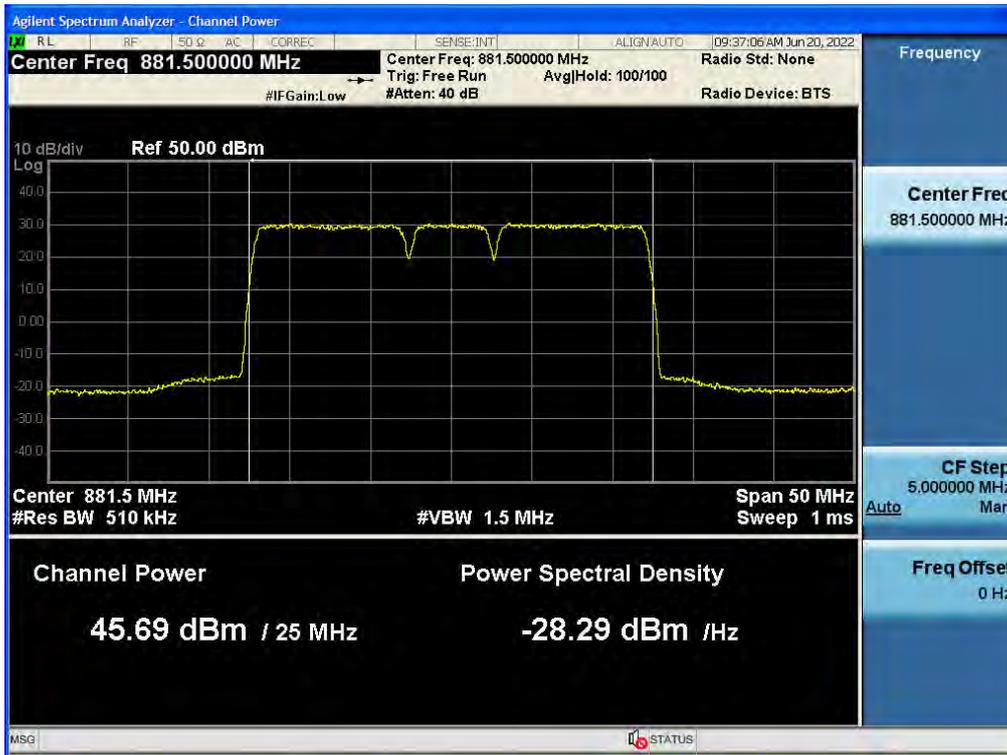
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle



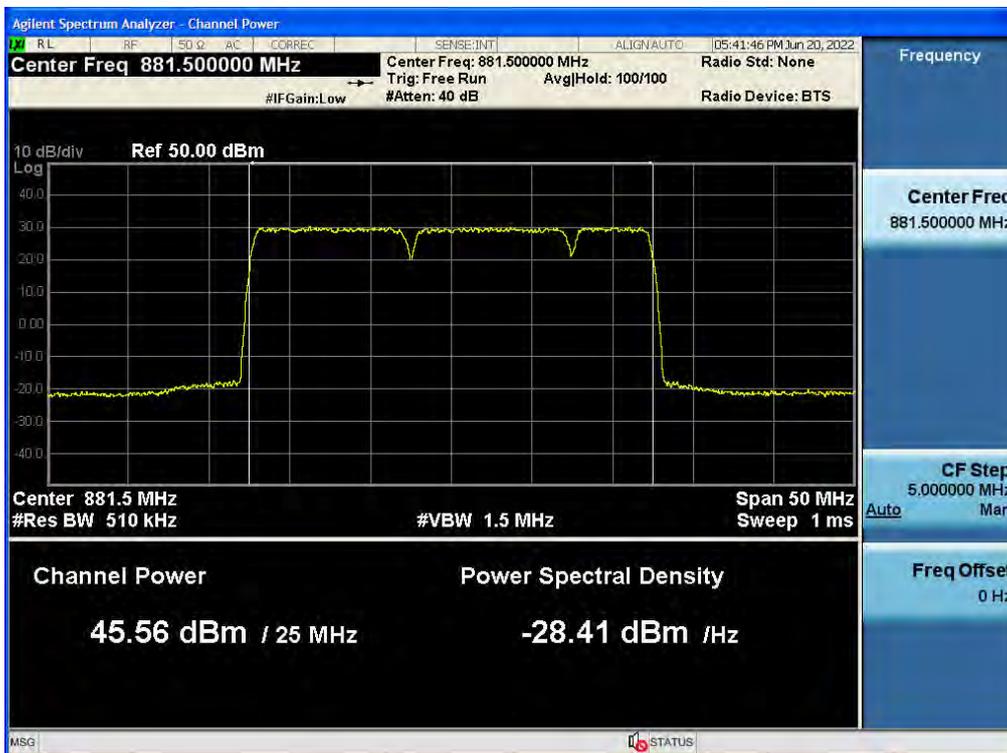
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / High



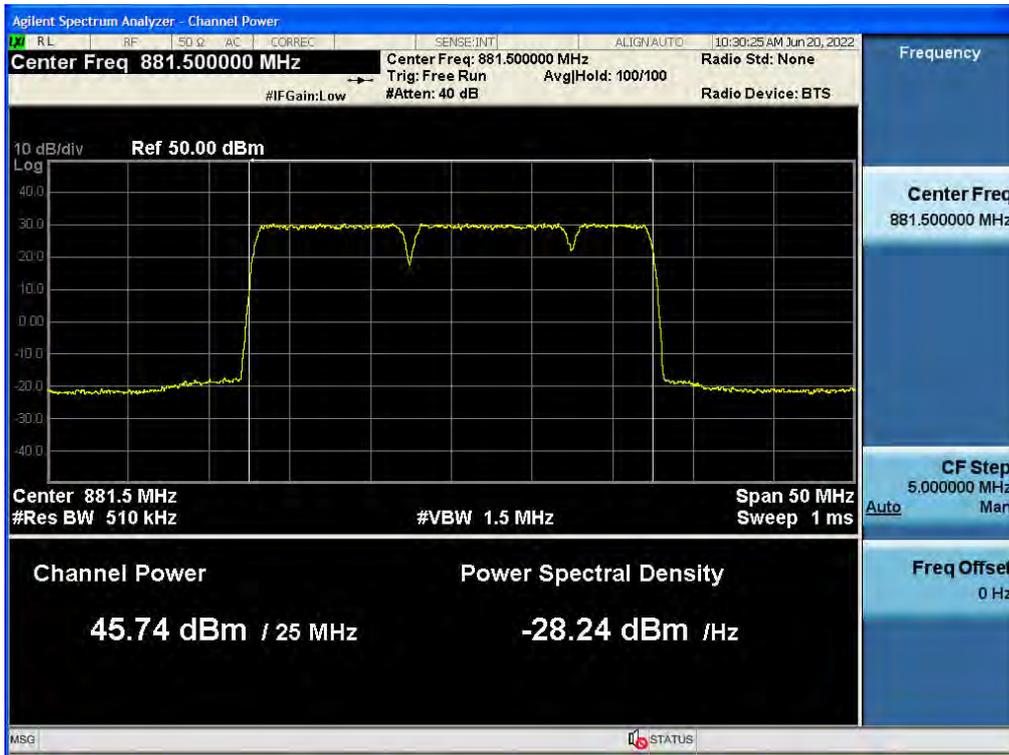
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier] / Contiguous / 25QAM / Middle



Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / Middle



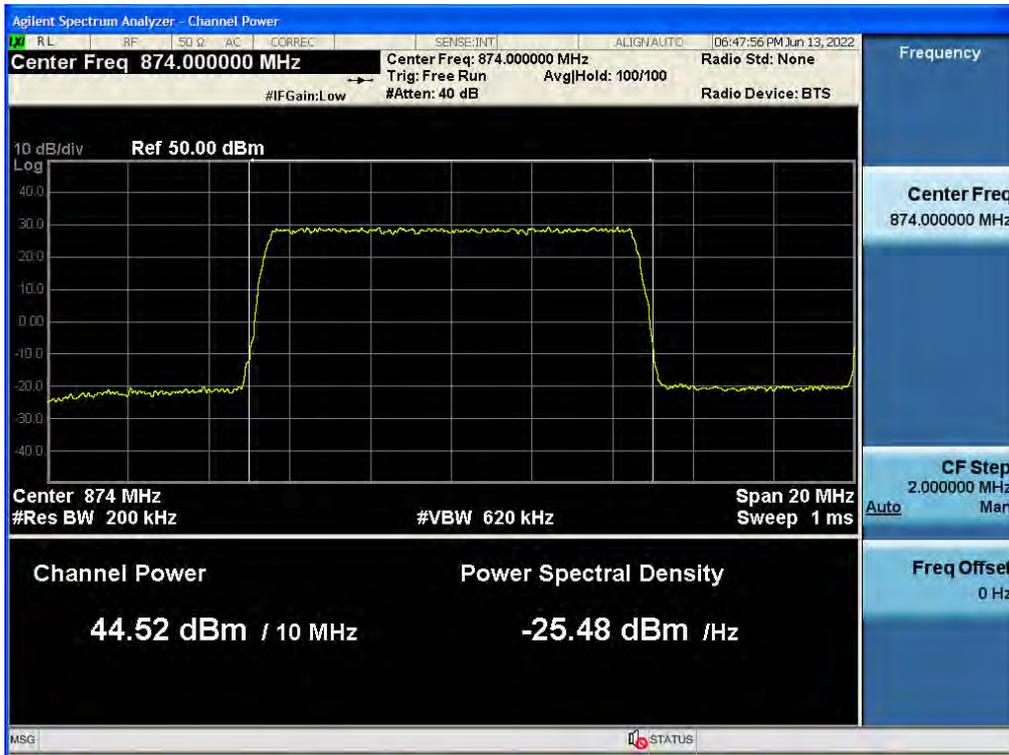
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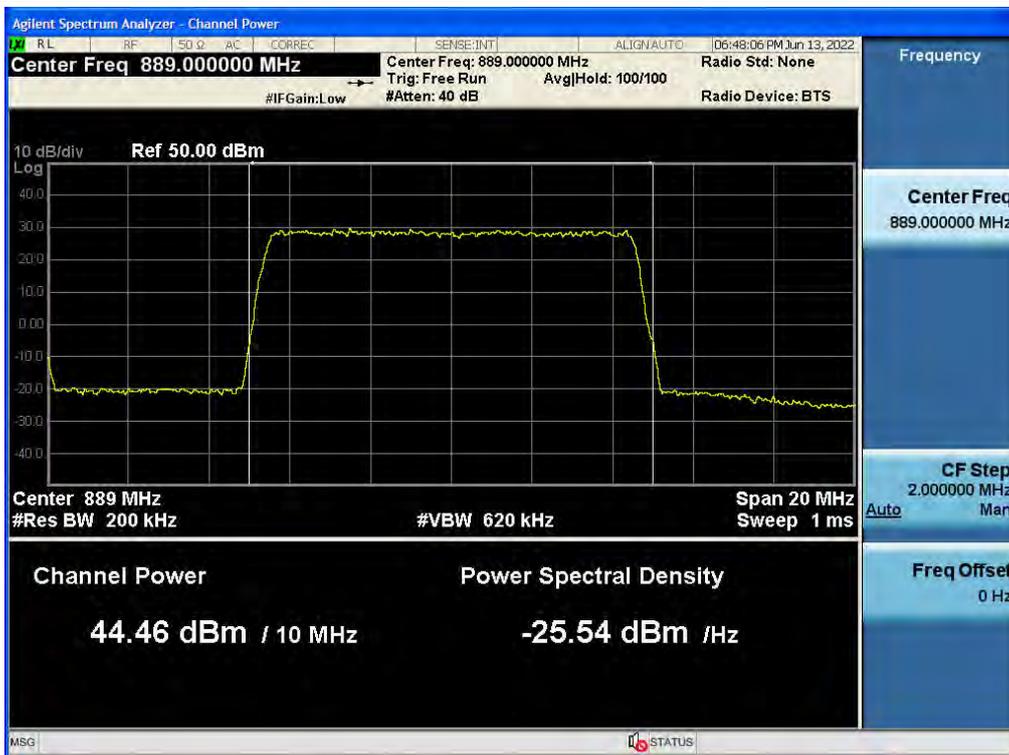
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / Low



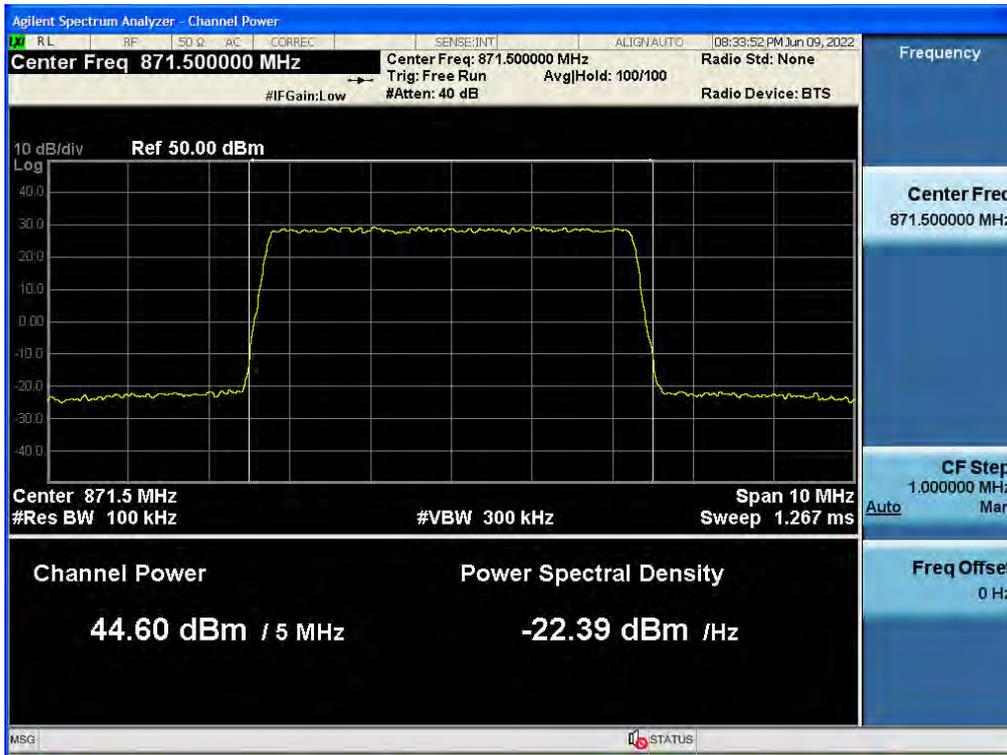
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 64QAM / Low



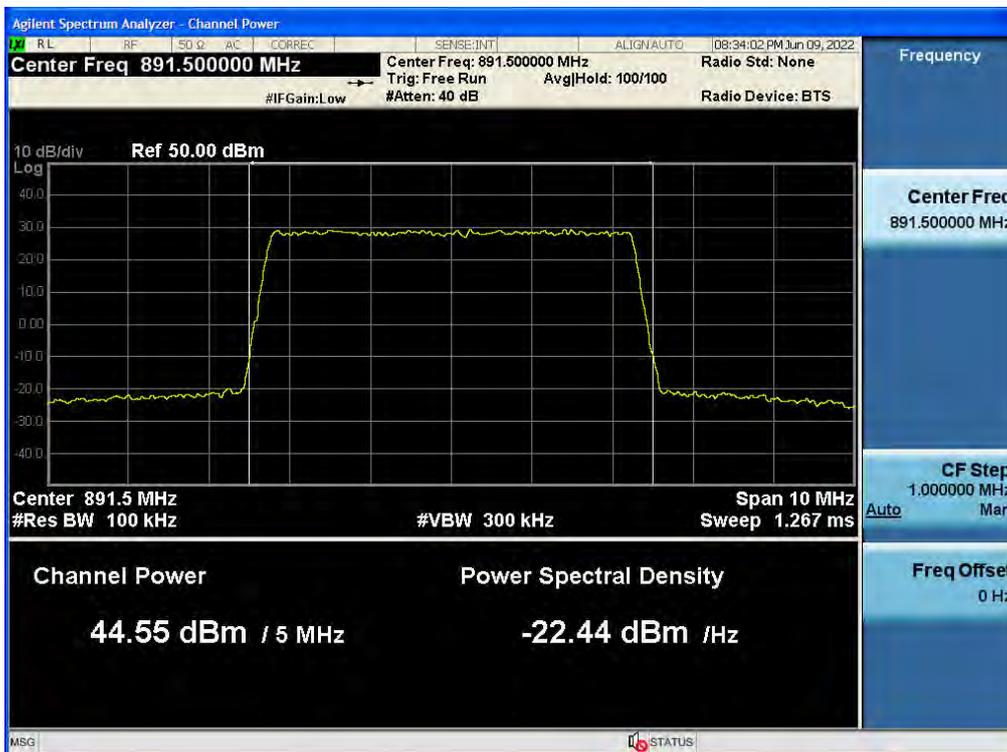
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 64QAM / High



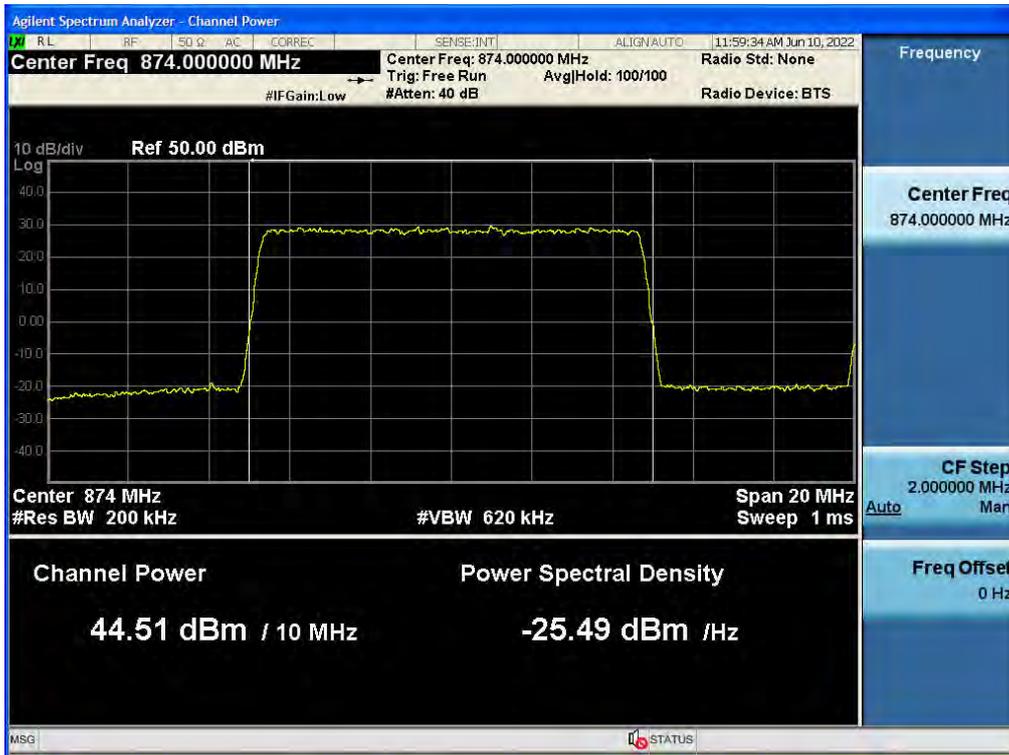
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 256QAM / Low



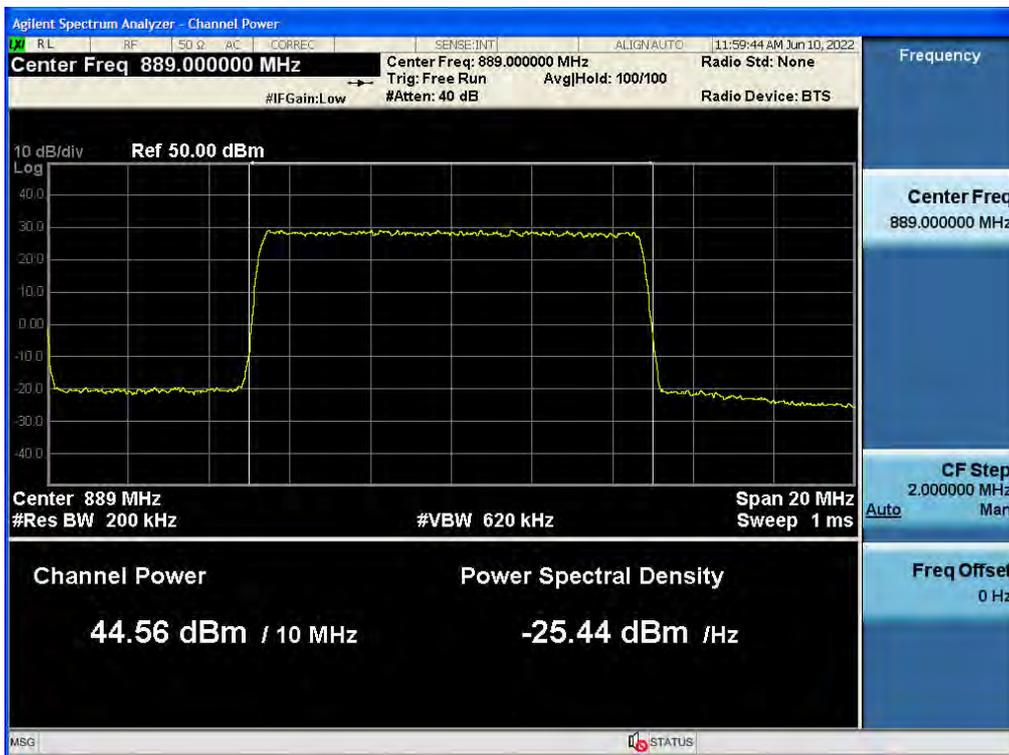
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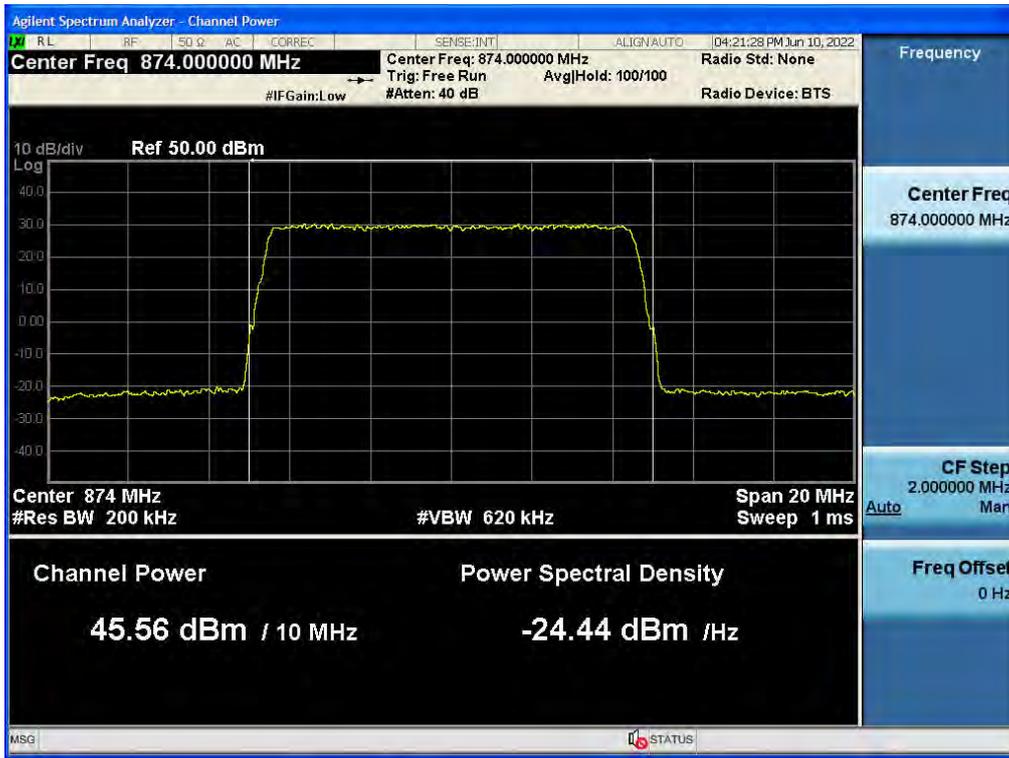
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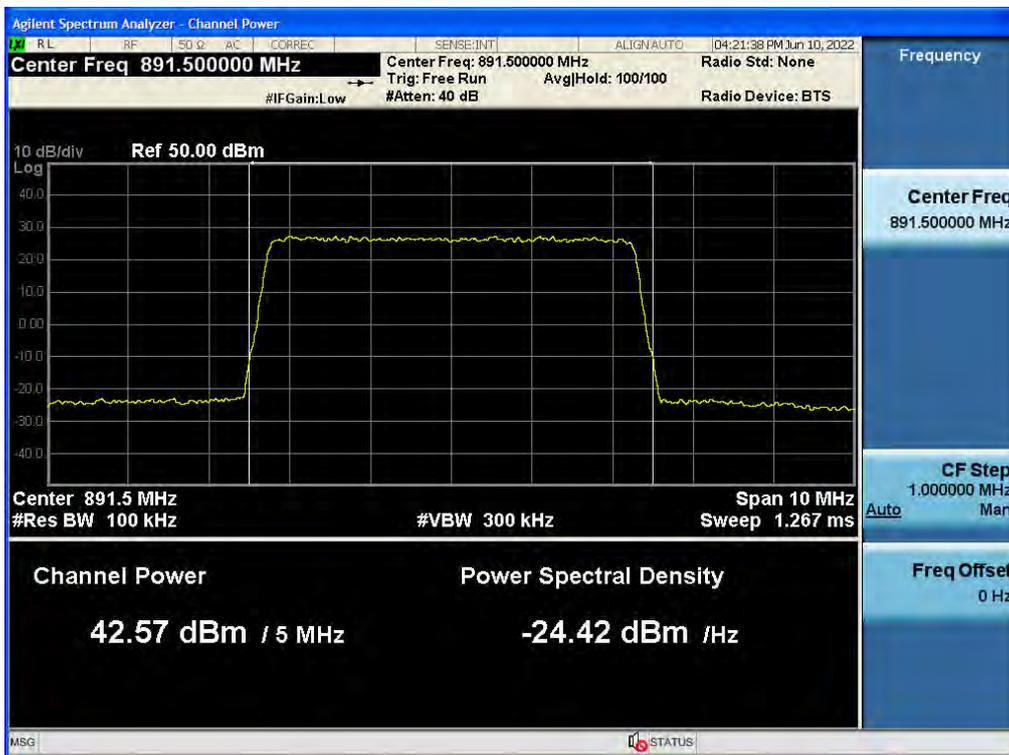
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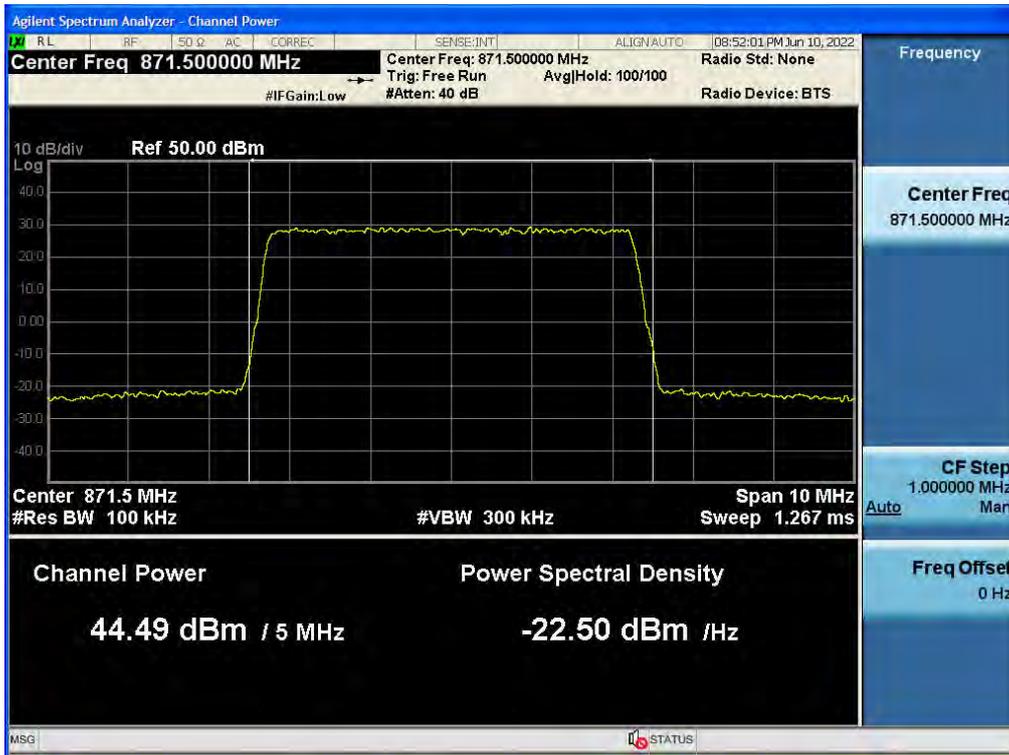
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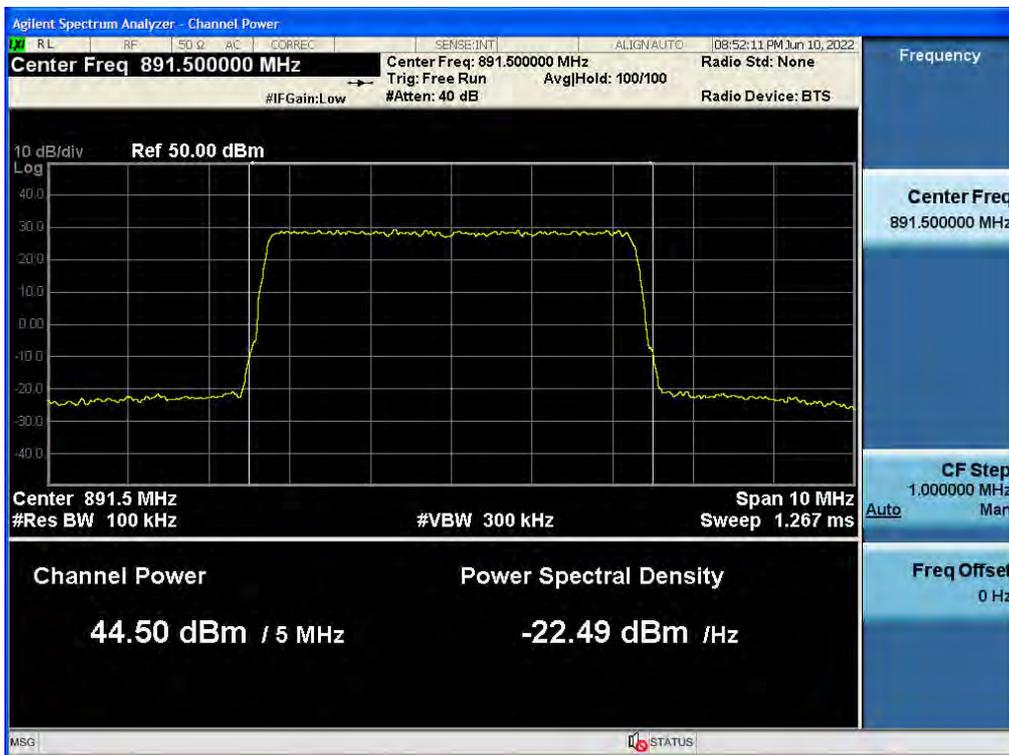
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Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 64QAM / Low



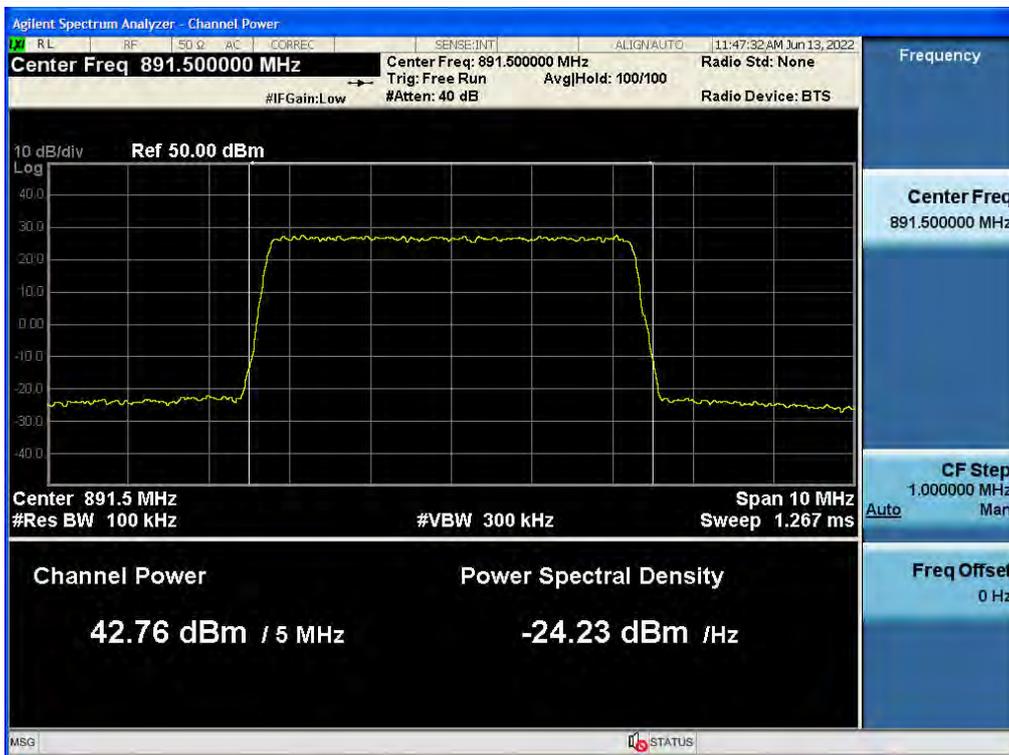
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B5 5 MHz / 64QAM / High



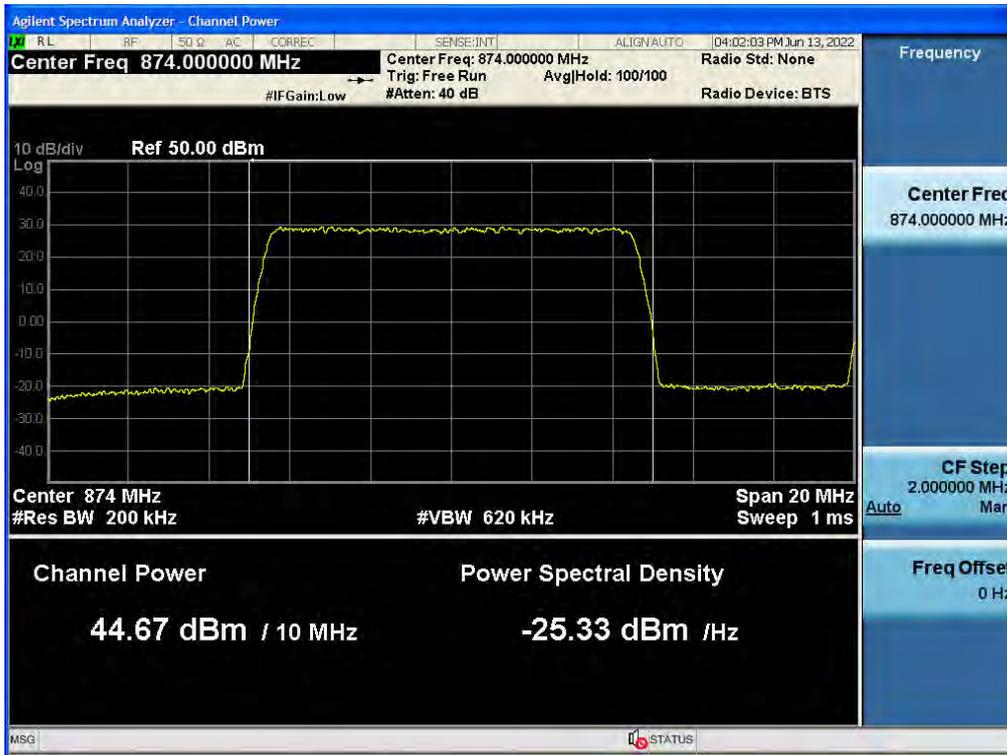
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / QPSK / Low



Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / QPSK / High



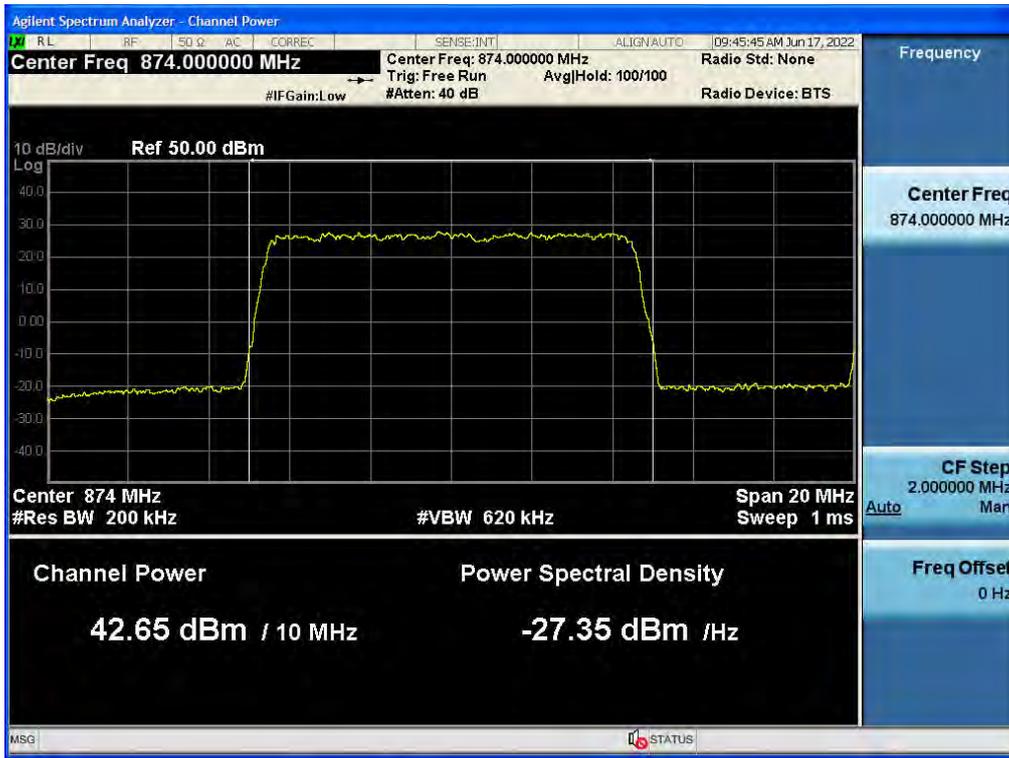
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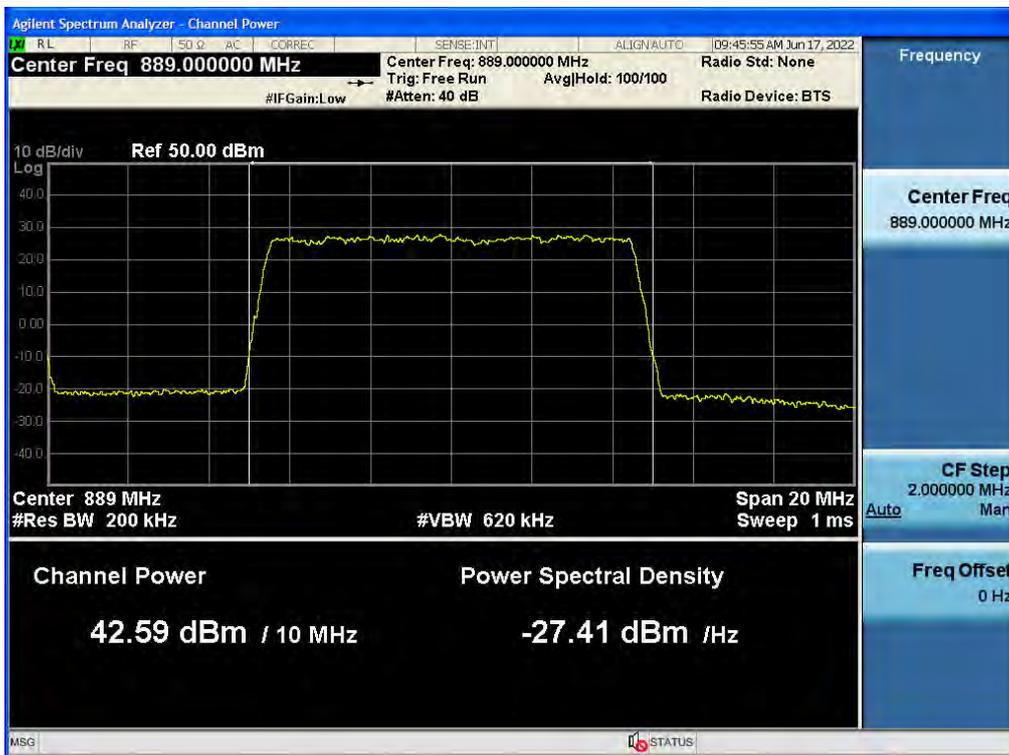
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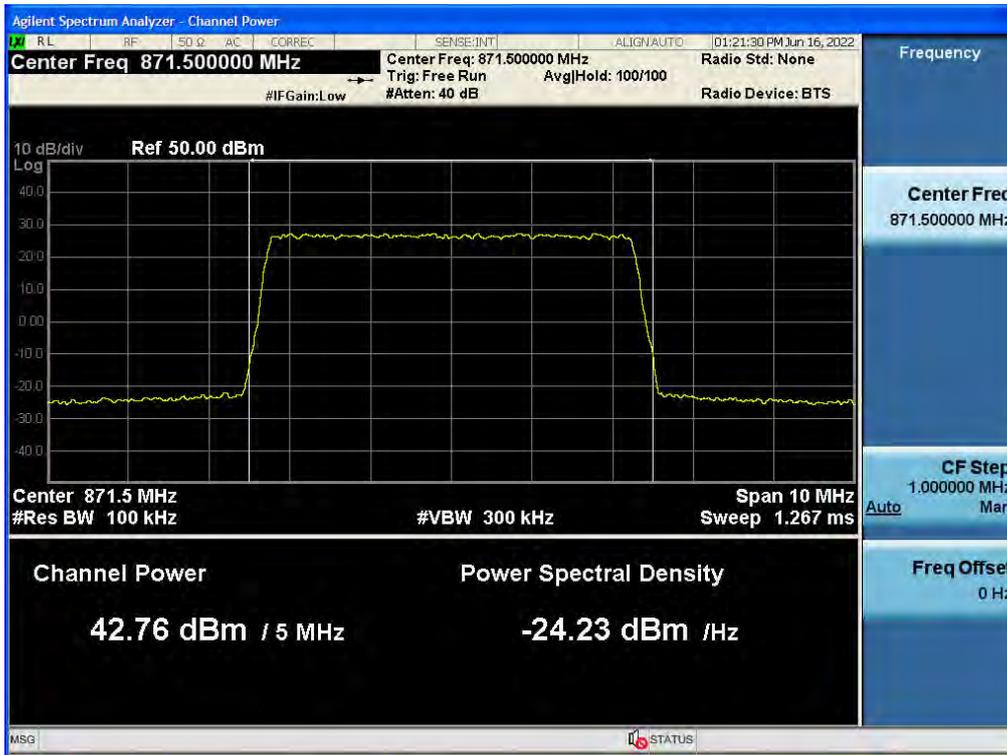
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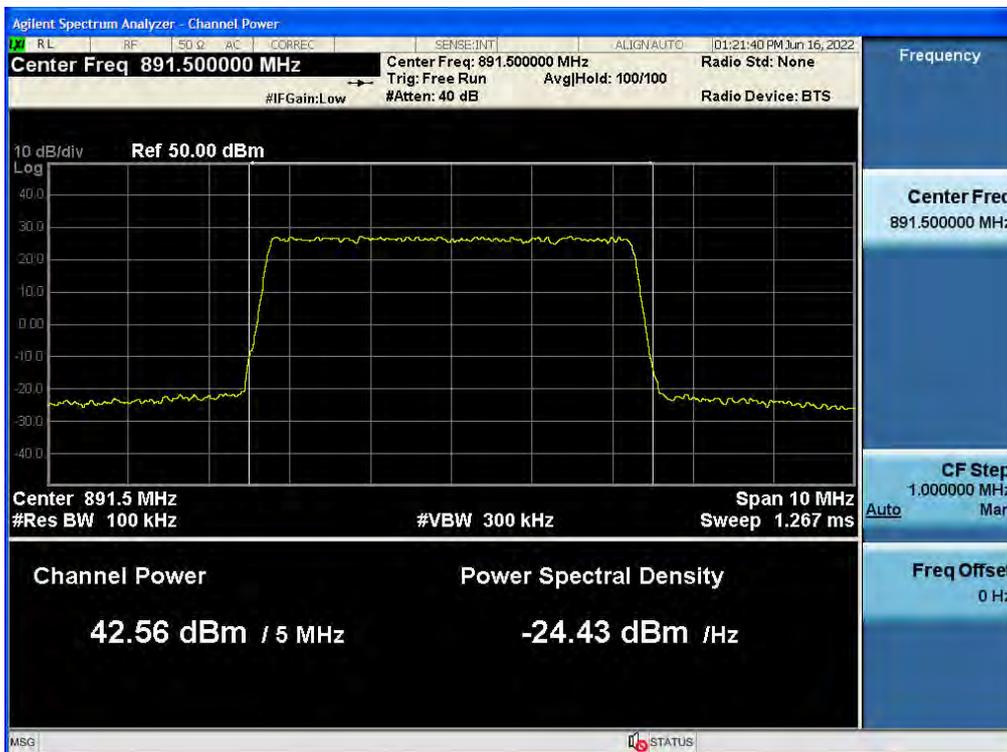
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 16QAM / High



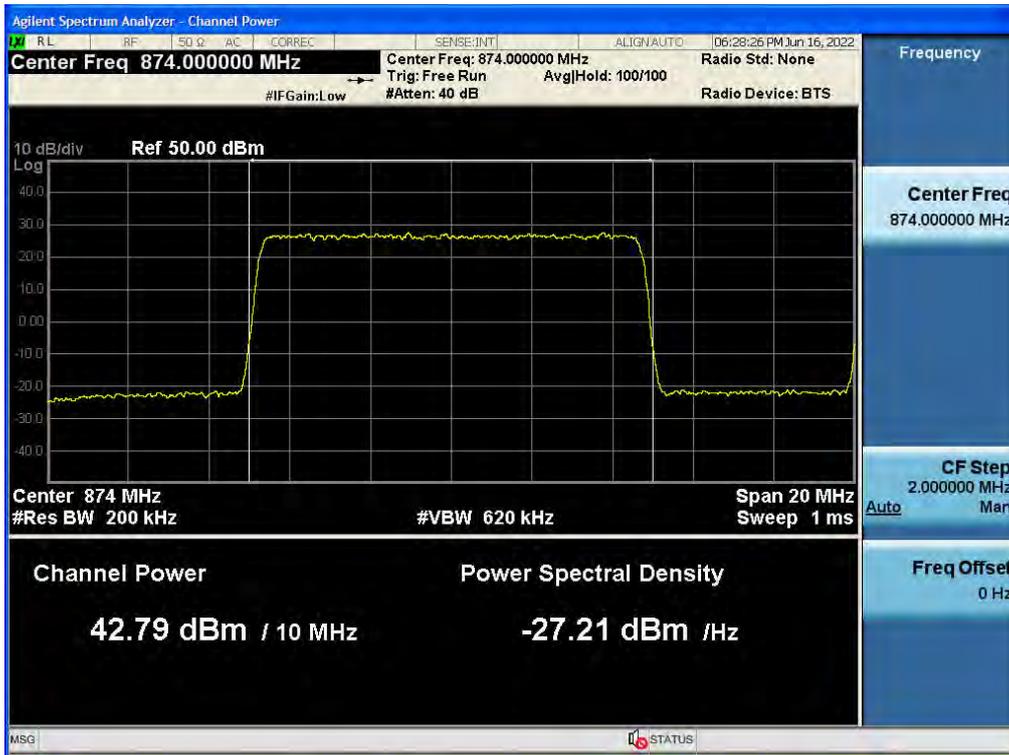
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 64QAM / Low



Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 64QAM / High



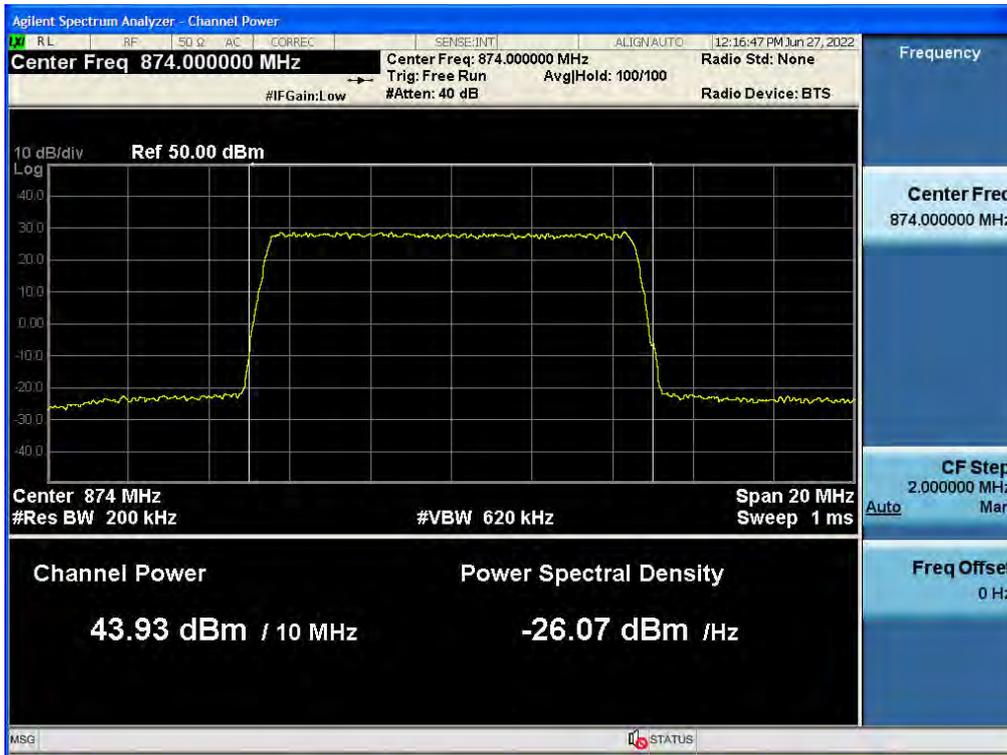
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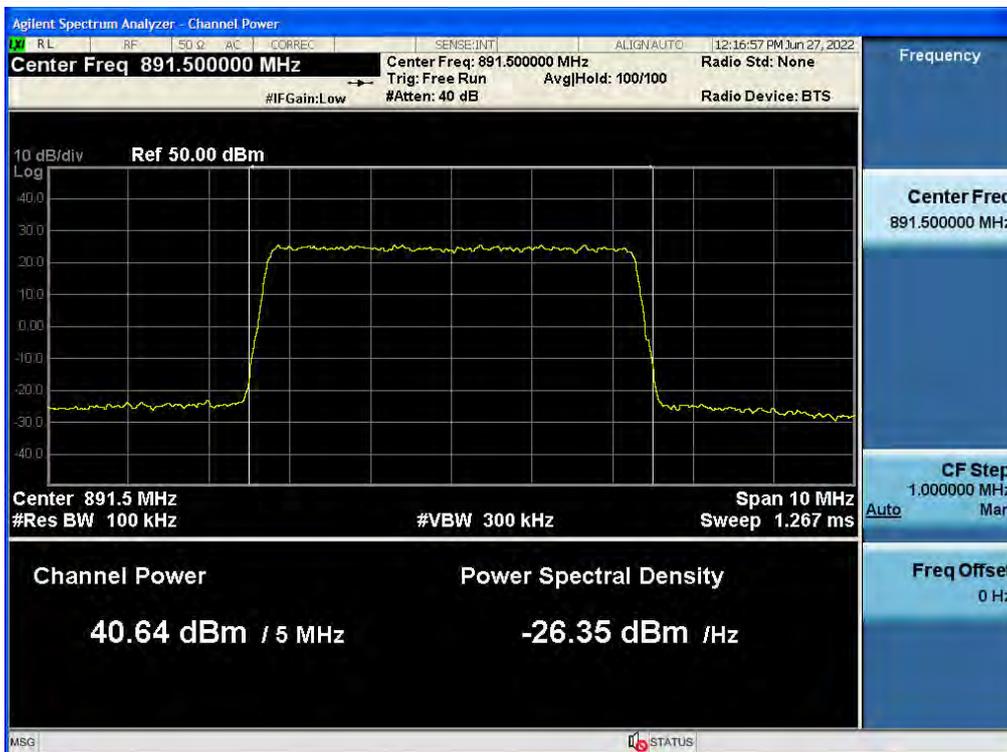
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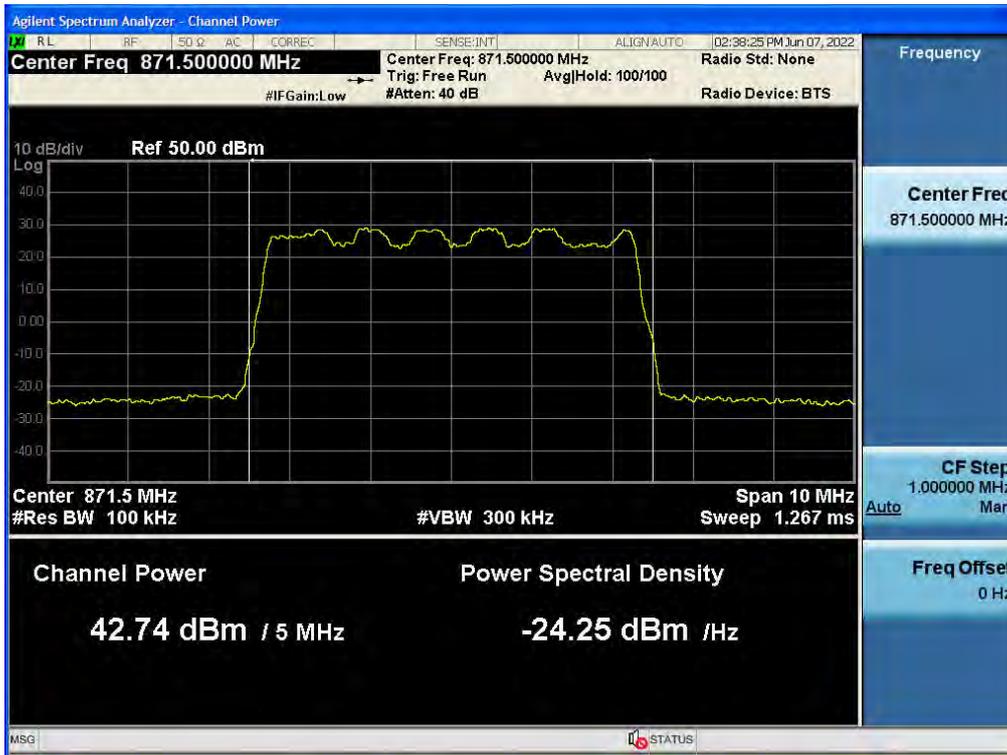
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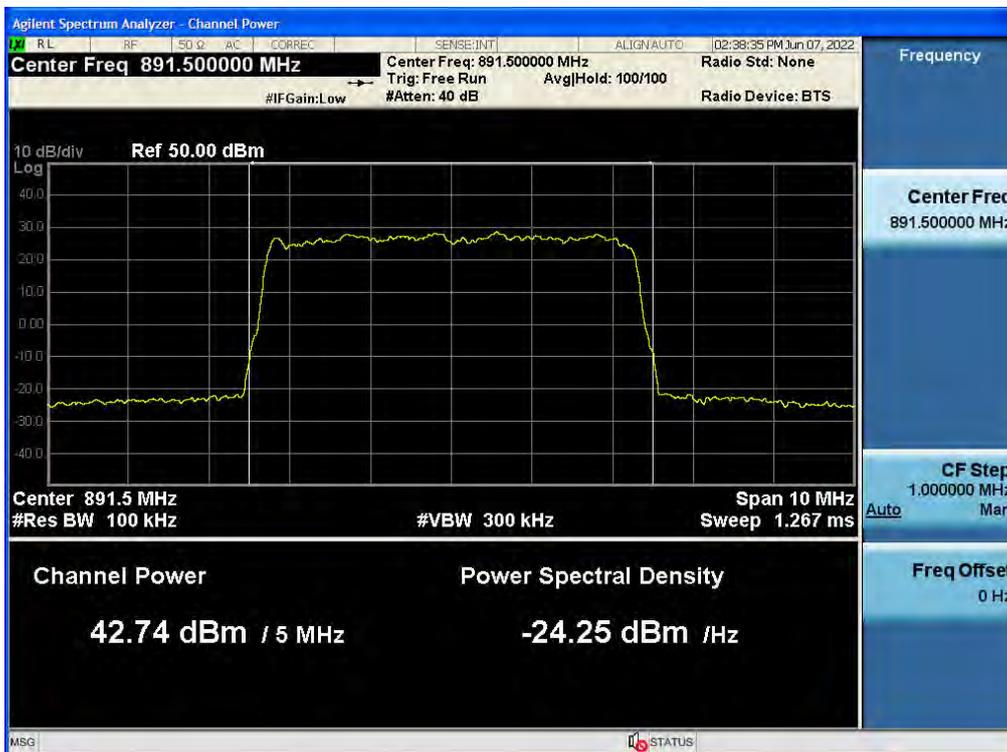
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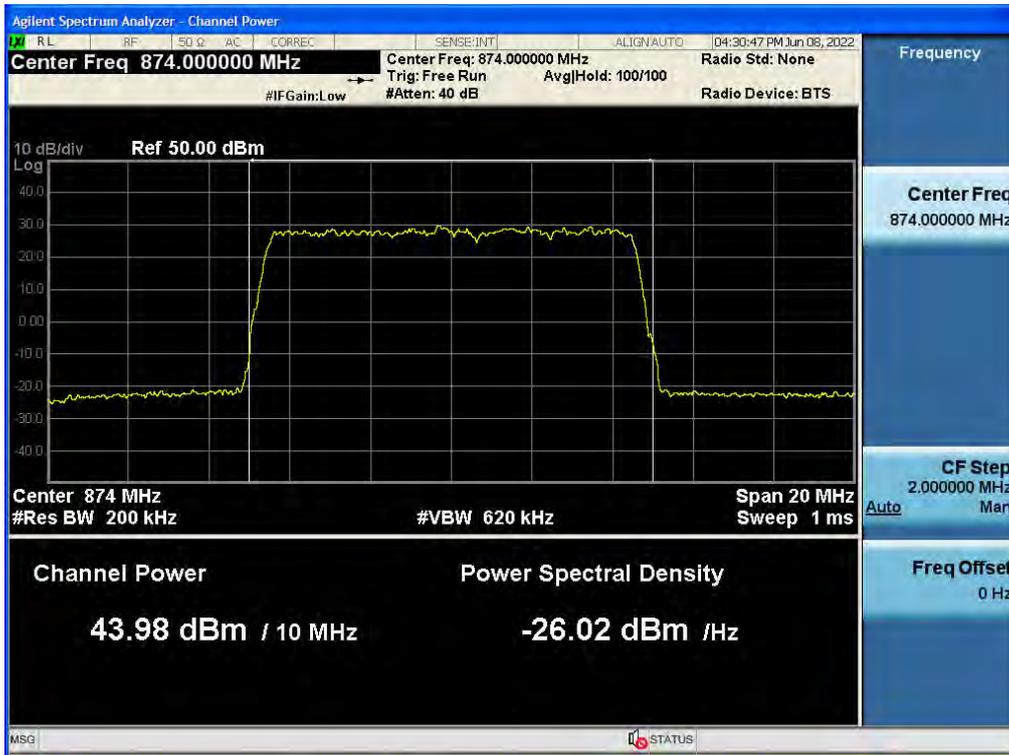
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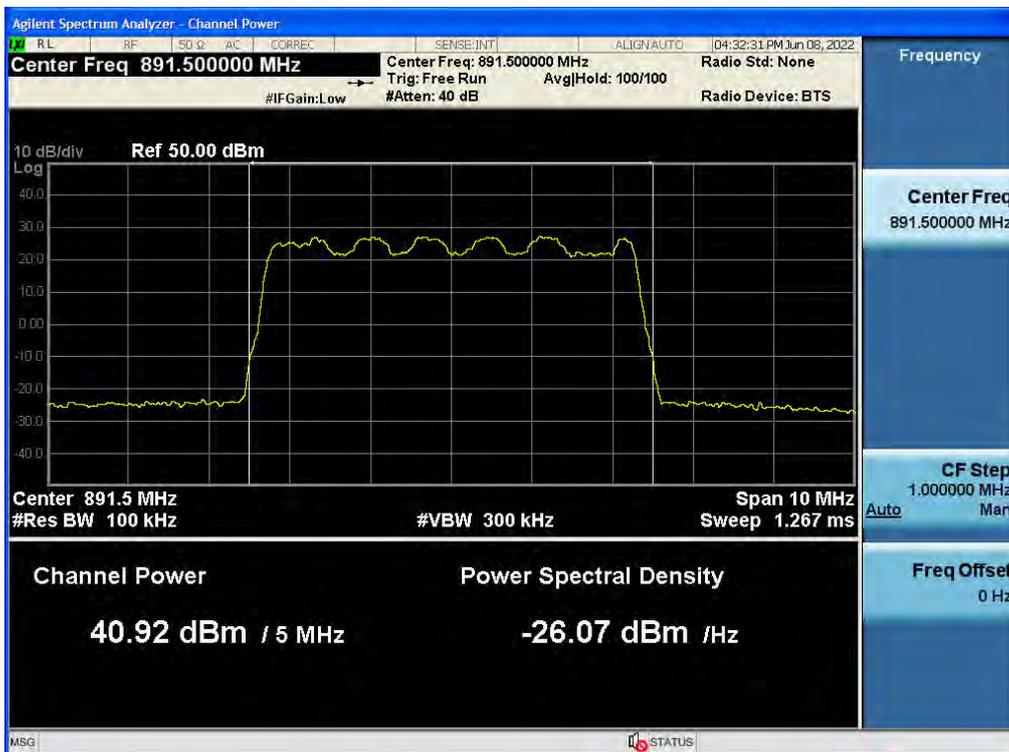
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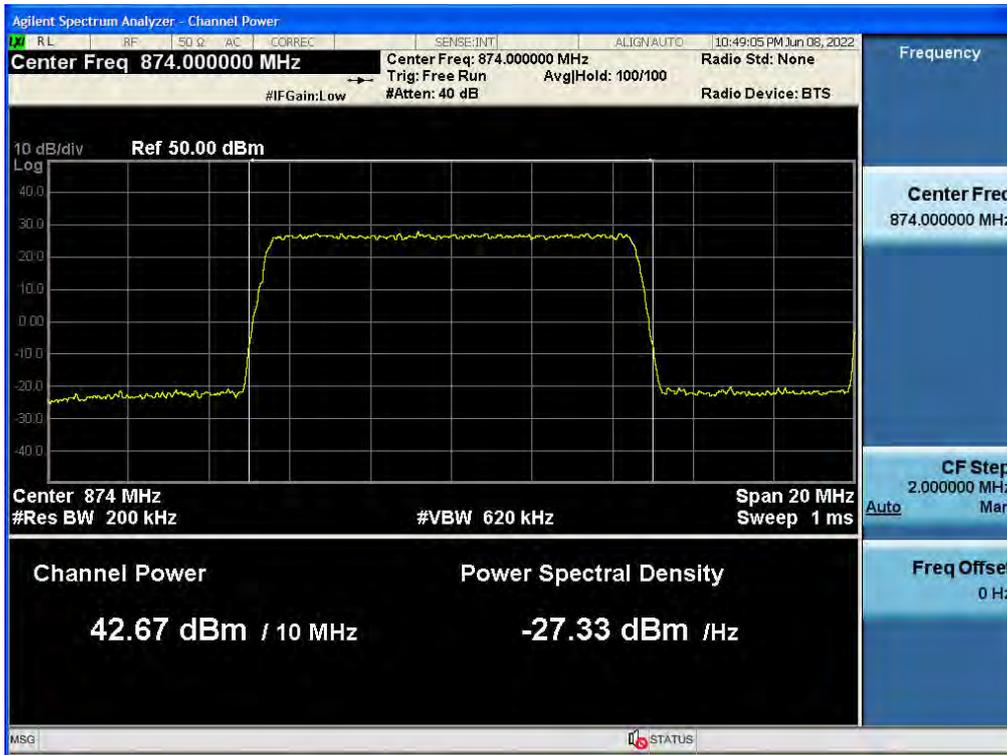
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Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 16QAM / High



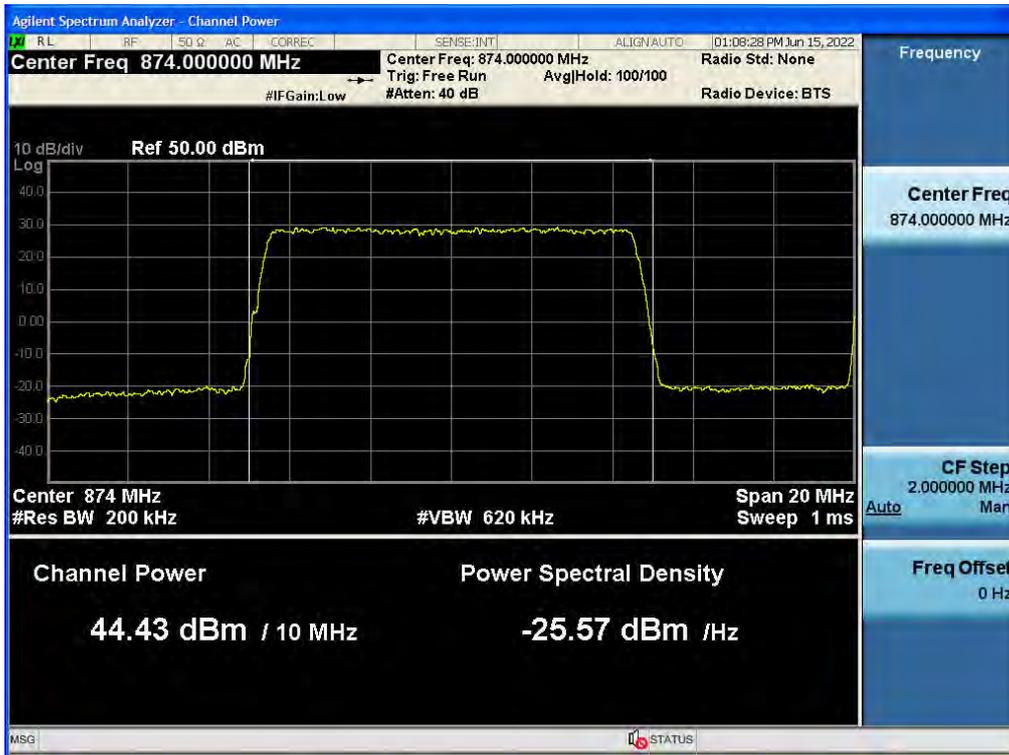
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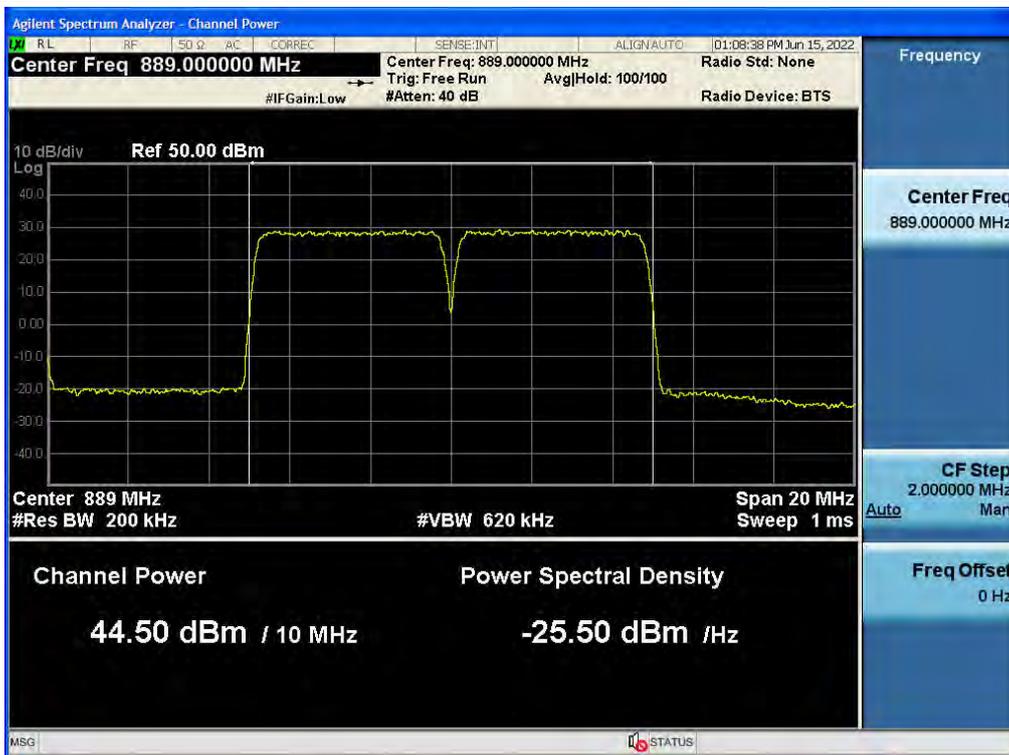
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / QPSK / High



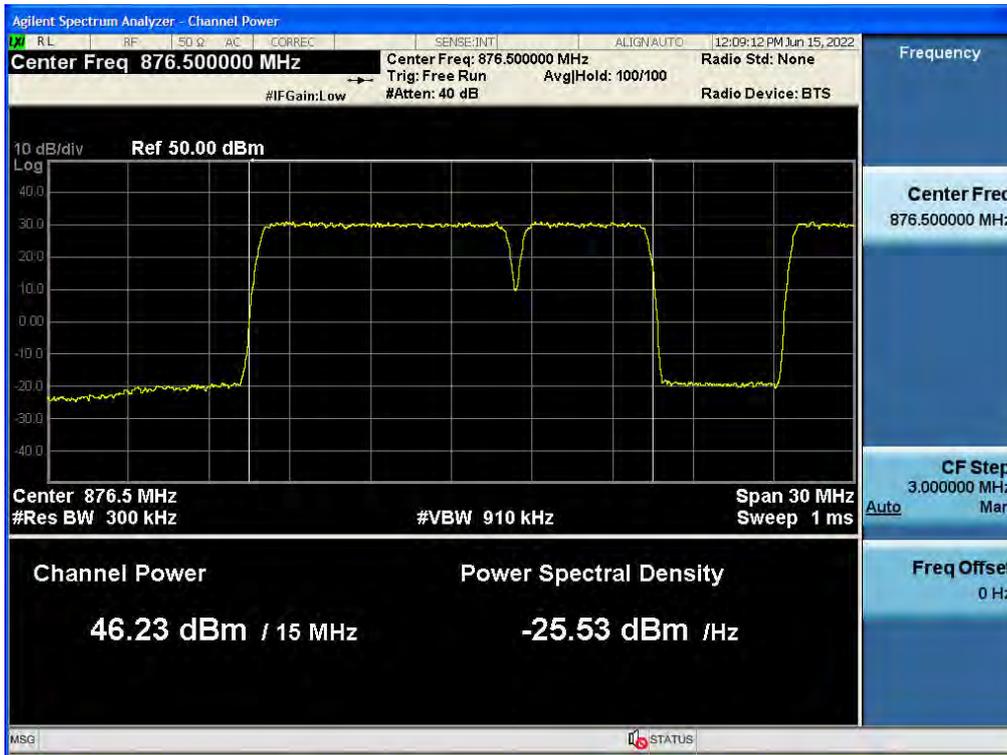
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / B5 DSS 10 MHz / 256QAM / Low



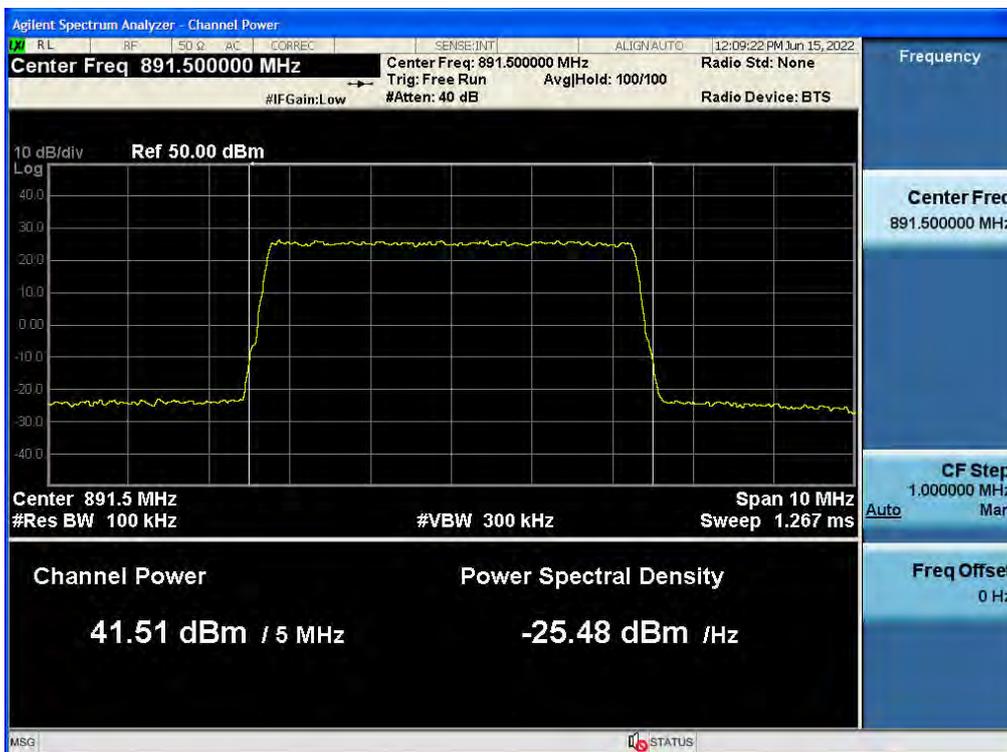
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / 5G NR n5 5 MHz + LTE B5 5 MHz / 256QAM / High



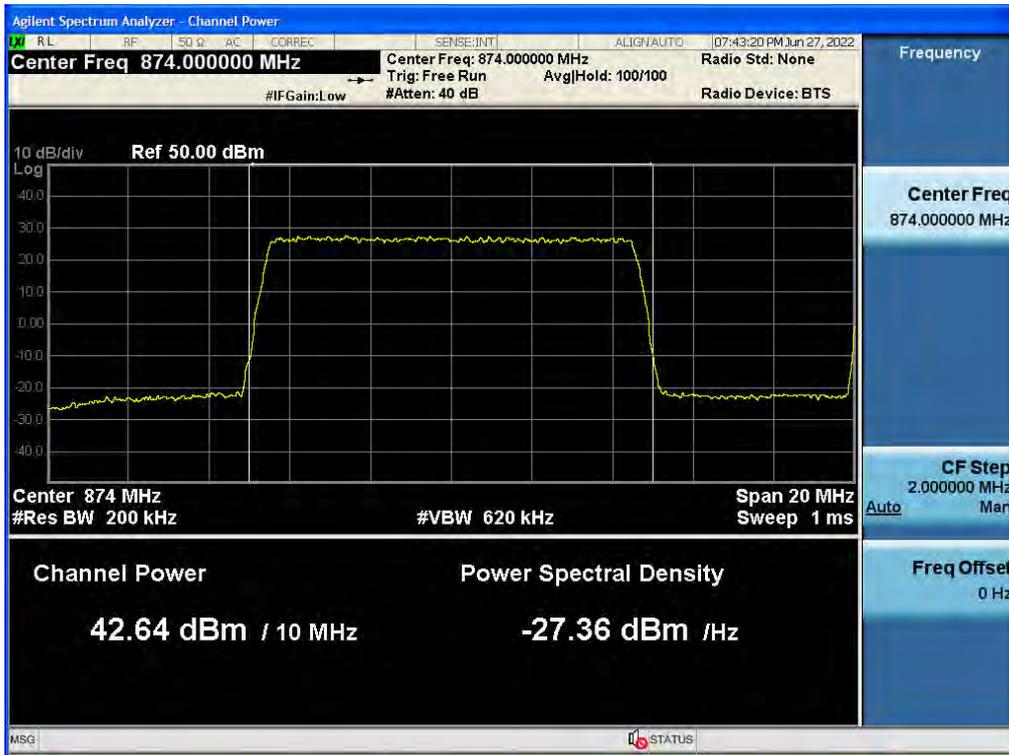
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Antenna 0 / (2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / LTE B5 5 MHz / 64QAM / High



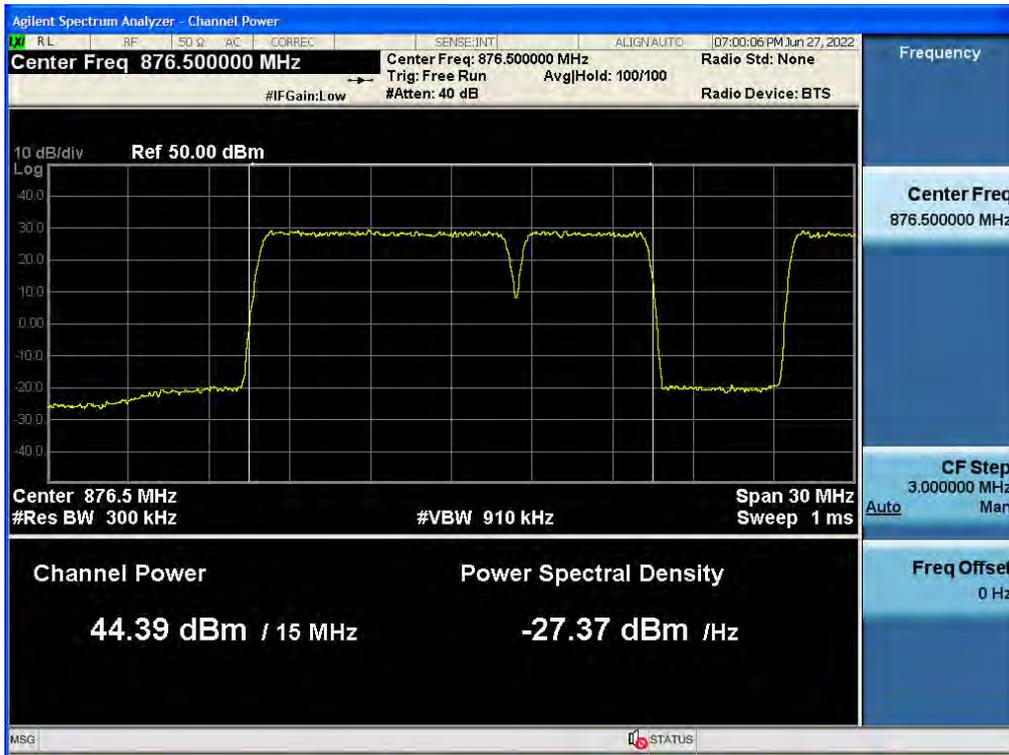
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / B5 DSS 10 MHz / 256QAM / Low



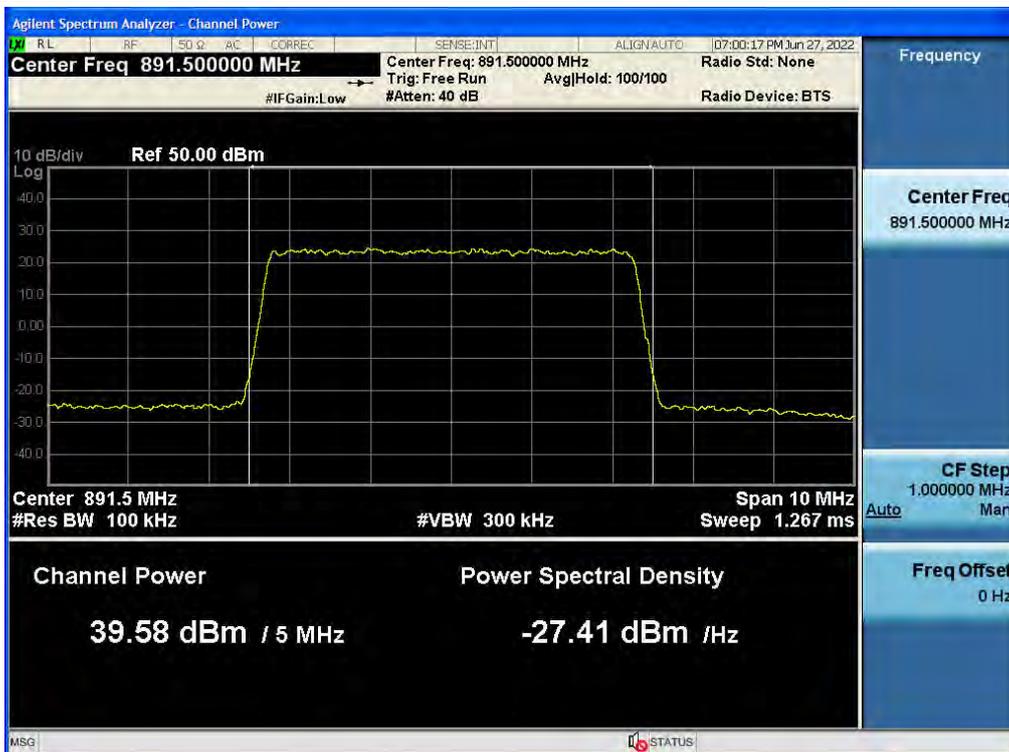
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / 5G NR n5 5 MHz + LTE B5 5 MHz / 256QAM / High



Antenna 1 / (4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / B5 DSS 10 MHz + 5G NR n5 5 MHz / 256QAM / Low



Antenna 1 / (4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / LTE B5 5 MHz / 256QAM / High



Tabular Data of PSD

(2 Port)B5 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	39.02	10.865	47.74	59.38	400
		Middle	881.50	38.81	10.865	47.52	56.50	
		High	889.00	38.90	10.865	47.61	57.74	
	16QAM	Low	874.00	39.71	10.865	48.42	69.56	
		Middle	881.50	40.45	10.865	49.17	82.58	
		High	889.00	39.50	10.865	48.21	66.25	
	64QAM	Low	874.00	38.85	10.865	47.56	57.03	
		Middle	881.50	38.79	10.865	47.50	56.25	
		High	889.00	38.98	10.865	47.69	58.78	
	256QAM	Low	874.00	38.94	10.865	47.66	58.33	
		Middle	881.50	38.97	10.865	47.69	58.72	
		High	889.00	38.85	10.865	47.57	57.10	
1	QPSK	Low	874.00	39.07	10.865	47.78	60.02	
		Middle	881.50	38.74	10.865	47.45	55.62	
		High	889.00	38.91	10.865	47.62	57.85	
	16QAM	Low	874.00	39.73	10.865	48.44	69.87	
		Middle	881.50	39.48	10.865	48.19	65.96	
		High	889.00	39.45	10.865	48.17	65.61	
	64QAM	Low	874.00	39.02	10.865	47.73	59.30	
		Middle	881.50	39.06	10.865	47.77	59.84	
		High	889.00	38.94	10.865	47.66	58.33	
	256QAM	Low	874.00	39.08	10.865	47.79	60.12	
		Middle	881.50	38.81	10.865	47.53	56.61	
		High	889.00	38.80	10.865	47.52	56.45	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	119.40	139.43	116.34	118.45	400
881.50	112.12	148.53	116.09	115.33	
889.00	115.59	131.86	117.11	113.55	

(2 Port)B5 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	38.79	10.865	47.51	56.30	400
		Middle	881.50	38.86	10.865	47.58	57.28	
		High	889.00	38.80	10.865	47.51	56.41	
	16QAM	Low	874.00	39.00	10.865	47.72	59.11	
		Middle	881.50	39.61	10.865	48.33	68.08	
		High	889.00	39.54	10.865	48.26	66.98	
	64QAM	Low	874.00	38.89	10.865	47.61	57.67	
		Middle	881.50	39.00	10.865	47.72	59.12	
		High	889.00	38.99	10.865	47.70	58.93	
	256QAM	Low	874.00	39.02	10.865	47.74	59.37	
		Middle	881.50	38.87	10.865	47.59	57.38	
		High	889.00	39.07	10.865	47.78	60.00	
1	QPSK	Low	874.00	39.04	10.865	47.75	59.60	
		Middle	881.50	38.68	10.865	47.40	54.94	
		High	889.00	38.74	10.865	47.46	55.66	
	16QAM	Low	874.00	39.09	10.865	47.80	60.28	
		Middle	881.50	39.44	10.865	48.16	65.40	
		High	889.00	39.62	10.865	48.34	68.16	
	64QAM	Low	874.00	39.03	10.865	47.75	59.51	
		Middle	881.50	38.89	10.865	47.61	57.66	
		High	889.00	38.84	10.865	47.56	56.99	
256QAM	Low	874.00	39.11	10.865	47.83	60.61		
	Middle	881.50	38.81	10.865	47.52	56.50		
	High	889.00	38.78	10.865	47.50	56.22		

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	115.90	119.39	117.18	119.97	400
881.50	112.22	133.47	116.78	113.87	
889.00	112.07	135.13	115.92	116.22	

(2 Port)B5 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	38.87	10.865	47.58	57.30	400
		Middle	881.50	38.87	10.865	47.58	57.34	
		High	889.00	38.95	10.865	47.66	58.35	
	16QAM	Low	874.00	39.14	10.865	47.85	61.00	
		Middle	881.50	39.28	10.865	47.99	62.96	
		High	889.00	39.26	10.865	47.97	62.72	
	64QAM	Low	874.00	39.02	10.865	47.73	59.36	
		Middle	881.50	39.03	10.865	47.74	59.47	
		High	889.00	39.30	10.865	48.02	63.32	
	256QAM	Low	874.00	39.28	10.865	48.00	63.03	
		Middle	881.50	39.10	10.865	47.81	60.44	
		High	889.00	38.93	10.865	47.64	58.10	
1	QPSK	Low	874.00	39.12	10.865	47.84	60.79	
		Middle	881.50	39.00	10.865	47.71	59.03	
		High	889.00	38.57	10.865	47.28	53.51	
	16QAM	Low	874.00	39.14	10.865	47.86	61.04	
		Middle	881.50	39.56	10.865	48.28	67.23	
		High	889.00	38.89	10.865	47.60	57.60	
	64QAM	Low	874.00	39.21	10.865	47.92	61.97	
		Middle	881.50	38.64	10.865	47.36	54.40	
		High	889.00	38.82	10.865	47.54	56.71	
256QAM	Low	874.00	39.01	10.865	47.73	59.28		
	Middle	881.50	38.81	10.865	47.52	56.55		
	High	889.00	38.85	10.865	47.56	57.06		

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	118.09	122.04	121.33	122.31	400
881.50	116.37	130.19	113.88	116.98	
889.00	111.86	120.32	120.03	115.16	

(2 Port)5G NR n5 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	871.50	40.39	10.865	49.10	81.37	400
		Middle	881.50	40.29	10.865	49.00	79.46	
		High	891.50	40.37	10.865	49.08	80.95	
	16QAM	Low	871.50	40.32	10.865	49.04	80.09	
		Middle	881.50	40.46	10.865	49.17	82.67	
		High	891.50	40.58	10.865	49.30	85.05	
	64QAM	Low	871.50	40.55	10.865	49.26	84.34	
		Middle	881.50	40.23	10.865	48.95	78.51	
		High	891.50	40.16	10.865	48.87	77.10	
	256QAM	Low	871.50	40.41	10.865	49.13	81.81	
		Middle	881.50	40.16	10.865	48.88	77.26	
		High	891.50	40.22	10.865	48.94	78.26	
1	QPSK	Low	871.50	40.44	10.865	49.15	82.25	
		Middle	881.50	39.62	10.865	48.33	68.14	
		High	891.50	39.84	10.865	48.56	71.77	
	16QAM	Low	871.50	40.52	10.865	49.23	83.79	
		Middle	881.50	39.98	10.865	48.69	73.97	
		High	891.50	40.17	10.865	48.89	77.40	
	64QAM	Low	871.50	40.41	10.865	49.12	81.67	
		Middle	881.50	39.85	10.865	48.56	71.83	
		High	891.50	39.82	10.865	48.53	71.36	
256QAM	Low	871.50	40.29	10.865	49.01	79.55		
	Middle	881.50	39.81	10.865	48.52	71.15		
	High	891.50	39.82	10.865	48.53	71.37		

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
871.50	163.62	163.88	166.01	161.36	400
881.50	147.60	156.64	150.34	148.41	
891.50	152.72	162.45	148.46	149.62	

(2 Port)5G NR n5 10 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	38.89	10.865	47.61	57.62	400
		Middle	881.50	38.79	10.865	47.51	56.33	
		High	889.00	39.08	10.865	47.79	60.12	
	16QAM	Low	874.00	39.64	10.865	48.36	68.54	
		Middle	881.50	40.07	10.865	48.79	75.67	
		High	889.00	39.76	10.865	48.47	70.38	
	64QAM	Low	874.00	38.98	10.865	47.70	58.88	
		Middle	881.50	38.98	10.865	47.70	58.84	
		High	889.00	38.98	10.865	47.70	58.82	
	256QAM	Low	874.00	39.01	10.865	47.73	59.27	
		Middle	881.50	38.98	10.865	47.69	58.77	
		High	889.00	38.78	10.865	47.49	56.13	
1	QPSK	Low	874.00	38.88	10.865	47.60	57.52	
		Middle	881.50	38.59	10.865	47.31	53.79	
		High	889.00	38.63	10.865	47.35	54.30	
	16QAM	Low	874.00	39.77	10.865	48.48	70.52	
		Middle	881.50	39.45	10.865	48.16	65.47	
		High	889.00	39.61	10.865	48.32	67.92	
	64QAM	Low	874.00	38.96	10.865	47.67	58.52	
		Middle	881.50	38.52	10.865	47.24	52.94	
		High	889.00	38.56	10.865	47.28	53.41	
256QAM	Low	874.00	38.87	10.865	47.58	57.32		
	Middle	881.50	38.50	10.865	47.21	52.61		
	High	889.00	38.80	10.865	47.51	56.37		

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	115.14	139.06	117.40	116.59	400
881.50	110.12	141.14	111.77	111.38	
889.00	114.42	138.30	112.23	112.51	

(4 Port)5G NR n5 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	871.50	37.05	10.865	45.77	37.74	400
		Middle	881.50	37.50	10.865	46.22	41.85	
		High	891.50	37.31	10.865	46.03	40.07	
	16QAM	Low	871.50	37.62	10.865	46.33	42.98	
		Middle	881.50	37.41	10.865	46.12	40.93	
		High	891.50	37.31	10.865	46.03	40.08	
	64QAM	Low	871.50	37.28	10.865	46.00	39.79	
		Middle	881.50	37.02	10.865	45.73	37.44	
		High	891.50	37.21	10.865	45.93	39.14	
	256QAM	Low	871.50	37.39	10.865	46.11	40.82	
		Middle	881.50	37.23	10.865	45.94	39.28	
		High	891.50	37.12	10.865	45.83	38.29	
1	QPSK	Low	871.50	37.38	10.865	46.10	40.71	
		Middle	881.50	36.79	10.865	45.51	35.55	
		High	891.50	36.91	10.865	45.62	36.50	
	16QAM	Low	871.50	37.44	10.865	46.15	41.26	
		Middle	881.50	37.03	10.865	45.75	37.56	
		High	891.50	37.11	10.865	45.82	38.20	
	64QAM	Low	871.50	37.36	10.865	46.07	40.47	
		Middle	881.50	36.90	10.865	45.62	36.46	
		High	891.50	36.84	10.865	45.56	35.97	
256QAM	Low	871.50	37.57	10.865	46.29	42.54		
	Middle	881.50	36.80	10.865	45.52	35.63		
	High	891.50	36.96	10.865	45.68	36.97		

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	871.50	36.83	10.865	45.54	35.84	400
		Middle	881.50	36.68	10.865	45.39	34.62	
		High	891.50	36.66	10.865	45.38	34.49	
	16QAM	Low	871.50	37.00	10.865	45.72	37.32	
		Middle	881.50	36.92	10.865	45.63	36.56	
		High	891.50	37.03	10.865	45.75	37.58	
	64QAM	Low	871.50	37.16	10.865	45.87	38.64	
		Middle	881.50	36.82	10.865	45.54	35.80	
		High	891.50	36.80	10.865	45.51	35.60	
	256QAM	Low	871.50	36.74	10.865	45.45	35.09	
		Middle	881.50	36.75	10.865	45.47	35.21	
		High	891.50	36.63	10.865	45.34	34.23	
3	QPSK	Low	871.50	36.78	10.865	45.49	35.41	400
		Middle	881.50	36.70	10.865	45.42	34.82	
		High	891.50	36.89	10.865	45.60	36.31	
	16QAM	Low	871.50	37.03	10.865	45.75	37.54	
		Middle	881.50	36.95	10.865	45.66	36.85	
		High	891.50	37.02	10.865	45.73	37.44	
	64QAM	Low	871.50	36.75	10.865	45.47	35.24	
		Middle	881.50	36.65	10.865	45.37	34.43	
		High	891.50	36.88	10.865	45.60	36.28	
	256QAM	Low	871.50	36.86	10.865	45.57	36.10	
		Middle	881.50	36.58	10.865	45.29	33.82	
		High	891.50	36.83	10.865	45.54	35.84	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
871.50	149.71	159.10	154.14	154.55	400
881.50	146.84	151.90	144.13	143.94	
891.50	147.37	153.30	146.98	145.32	

(2 Port)LTE B13 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	748.50	39.07	10.865	47.79	60.11	1000
		Middle	751.00	39.00	10.865	47.71	59.02	
		High	753.50	38.86	10.865	47.58	57.26	
	16QAM	Low	748.50	39.02	10.865	47.74	59.39	
		Middle	751.00	39.21	10.865	47.92	61.99	
		High	753.50	38.89	10.865	47.60	57.59	
	64QAM	Low	748.50	38.85	10.865	47.56	57.03	
		Middle	751.00	38.97	10.865	47.68	58.62	
		High	753.50	38.72	10.865	47.44	55.44	
	256QAM	Low	748.50	40.35	10.865	49.06	80.63	
		Middle	751.00	38.89	10.865	47.60	57.57	
		High	753.50	38.62	10.865	47.33	54.10	
1	QPSK	Low	748.50	38.64	10.865	47.36	54.40	
		Middle	751.00	38.80	10.865	47.51	56.41	
		High	753.50	38.97	10.865	47.68	58.66	
	16QAM	Low	748.50	38.93	10.865	47.64	58.10	
		Middle	751.00	38.94	10.865	47.65	58.25	
		High	753.50	38.94	10.865	47.65	58.22	
	64QAM	Low	748.50	38.71	10.865	47.42	55.22	
		Middle	751.00	38.69	10.865	47.41	55.05	
		High	753.50	38.68	10.865	47.39	54.88	
256QAM	Low	748.50	40.36	10.865	49.08	80.83		
	Middle	751.00	38.81	10.865	47.53	56.60		
	High	753.50	38.81	10.865	47.53	56.60		

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
748.50	114.51	117.49	112.25	161.46	1000
751.00	115.44	120.24	113.67	114.17	
753.50	115.92	115.80	110.32	110.70	

(4 Port)LTE B13 5 MHz 1 Carrier

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	748.50	37.21	10.865	45.93	39.16	1000
		Middle	751.00	37.03	10.865	45.74	37.52	
		High	753.50	37.01	10.865	45.73	37.41	
	16QAM	Low	748.50	37.36	10.865	46.08	40.54	
		Middle	751.00	37.24	10.865	45.96	39.40	
		High	753.50	37.68	10.865	46.39	43.57	
	64QAM	Low	748.50	37.08	10.865	45.79	37.95	
		Middle	751.00	37.23	10.865	45.95	39.35	
		High	753.50	37.35	10.865	46.06	40.39	
	256QAM	Low	748.50	36.98	10.865	45.69	37.09	
		Middle	751.00	37.11	10.865	45.82	38.21	
		High	753.50	37.13	10.865	45.84	38.41	
1	QPSK	Low	748.50	37.06	10.865	45.77	37.76	
		Middle	751.00	37.03	10.865	45.75	37.55	
		High	753.50	37.10	10.865	45.82	38.18	
	16QAM	Low	748.50	37.42	10.865	46.13	41.05	
		Middle	751.00	37.07	10.865	45.78	37.85	
		High	753.50	37.56	10.865	46.27	42.37	
	64QAM	Low	748.50	37.17	10.865	45.88	38.74	
		Middle	751.00	37.13	10.865	45.84	38.38	
		High	753.50	36.90	10.865	45.61	36.42	
256QAM	Low	748.50	37.18	10.865	45.90	38.88		
	Middle	751.00	37.03	10.865	45.75	37.55		
	High	753.50	37.09	10.865	45.80	38.05		

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	748.50	36.86	10.865	45.58	36.11	1000
		Middle	751.00	36.77	10.865	45.48	35.36	
		High	753.50	36.67	10.865	45.38	34.52	
	16QAM	Low	748.50	37.62	10.865	46.34	43.05	
		Middle	751.00	37.01	10.865	45.72	37.36	
		High	753.50	37.10	10.865	45.82	38.17	
	64QAM	Low	748.50	37.71	10.865	46.42	43.87	
		Middle	751.00	36.88	10.865	45.59	36.25	
		High	753.50	36.79	10.865	45.50	35.52	
	256QAM	Low	748.50	36.76	10.865	45.48	35.30	
		Middle	751.00	36.68	10.865	45.40	34.64	
		High	753.50	36.67	10.865	45.38	34.52	
3	QPSK	Low	748.50	36.96	10.865	45.67	36.94	
		Middle	751.00	36.96	10.865	45.68	36.97	
		High	753.50	36.84	10.865	45.56	35.94	
	16QAM	Low	748.50	37.03	10.865	45.74	37.53	
		Middle	751.00	37.23	10.865	45.94	39.29	
		High	753.50	37.35	10.865	46.06	40.37	
	64QAM	Low	748.50	37.07	10.865	45.79	37.92	
		Middle	751.00	36.92	10.865	45.63	36.56	
		High	753.50	36.87	10.865	45.59	36.18	
	256QAM	Low	748.50	36.80	10.865	45.51	35.58	
		Middle	751.00	37.07	10.865	45.79	37.92	
		High	753.50	37.03	10.865	45.74	37.52	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
748.50	149.96	162.16	158.48	146.85	1000
751.00	147.39	153.90	150.53	148.32	
753.50	146.05	164.48	148.51	148.51	

Tabular Data of Contiguous PSD
(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	35.99	10.865	44.70	29.54	400
		Middle	881.50	35.97	10.865	44.69	29.43	
		High	884.00	36.05	10.865	44.76	29.93	
	16QAM	Low	879.00	36.42	10.865	45.14	32.64	
		Middle	881.50	36.51	10.865	45.22	33.28	
		High	884.00	36.69	10.865	45.41	34.74	
	64QAM	Low	879.00	35.93	10.865	44.65	29.15	
		Middle	881.50	36.05	10.865	44.77	29.98	
		High	884.00	36.04	10.865	44.75	29.88	
	256QAM	Low	879.00	36.28	10.865	44.99	31.57	
		Middle	881.50	35.82	10.865	44.53	28.41	
		High	884.00	36.17	10.865	44.89	30.83	
1	QPSK	Low	879.00	36.10	10.865	44.81	30.30	
		Middle	881.50	35.42	10.865	44.14	25.92	
		High	884.00	35.71	10.865	44.43	27.73	
	16QAM	Low	879.00	36.15	10.865	44.86	30.65	
		Middle	881.50	36.40	10.865	45.11	32.46	
		High	884.00	36.17	10.865	44.89	30.81	
	64QAM	Low	879.00	36.08	10.865	44.80	30.17	
		Middle	881.50	35.79	10.865	44.51	28.23	
		High	884.00	35.79	10.865	44.50	28.20	
256QAM	Low	879.00	36.06	10.865	44.77	29.99		
	Middle	881.50	35.87	10.865	44.58	28.73		
	High	884.00	35.64	10.865	44.36	27.29		

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	59.84	63.29	59.32	61.56	400
881.50	55.35	65.74	58.21	57.14	
884.00	57.66	65.56	58.08	58.11	

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	39.09	10.865	47.81	60.34	400
		Middle	881.50	39.02	10.865	47.73	59.35	
		High	889.00	39.04	10.865	47.75	59.58	
	16QAM	Low	874.00	39.42	10.865	48.14	65.14	
		Middle	881.50	39.45	10.865	48.16	65.49	
		High	889.00	39.37	10.865	48.09	64.37	
	64QAM	Low	874.00	39.18	10.865	47.90	61.60	
		Middle	881.50	39.16	10.865	47.88	61.36	
		High	889.00	39.05	10.865	47.76	59.71	
	256QAM	Low	874.00	39.36	10.865	48.08	64.24	
		Middle	881.50	39.14	10.865	47.86	61.06	
		High	889.00	39.03	10.865	47.74	59.46	
1	QPSK	Low	874.00	39.06	10.865	47.78	59.96	
		Middle	881.50	38.96	10.865	47.67	58.50	
		High	889.00	38.76	10.865	47.47	55.90	
	16QAM	Low	874.00	39.23	10.865	47.94	62.24	
		Middle	881.50	39.25	10.865	47.97	62.62	
		High	889.00	38.81	10.865	47.53	56.59	
	64QAM	Low	874.00	39.20	10.865	47.92	61.90	
		Middle	881.50	38.89	10.865	47.61	57.66	
		High	889.00	38.80	10.865	47.52	56.46	
	256QAM	Low	874.00	39.19	10.865	47.91	61.76	
		Middle	881.50	38.89	10.865	47.61	57.64	
		High	889.00	38.88	10.865	47.60	57.51	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	120.30	127.38	123.49	126.00	400
881.50	117.85	128.11	119.02	118.70	
889.00	115.48	120.96	116.17	116.97	

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	35.81	10.865	44.53	28.37	400
		Middle	881.50	35.92	10.865	44.64	29.10	
		High	884.00	35.98	10.865	44.69	29.47	
	16QAM	Low	879.00	36.68	10.865	45.39	34.61	
		Middle	881.50	36.65	10.865	45.37	34.43	
		High	884.00	36.58	10.865	45.29	33.84	
	64QAM	Low	879.00	36.00	10.865	44.71	29.58	
		Middle	881.50	35.72	10.865	44.44	27.77	
		High	884.00	36.15	10.865	44.87	30.69	
	256QAM	Low	879.00	35.99	10.865	44.70	29.53	
		Middle	881.50	36.17	10.865	44.89	30.83	
		High	884.00	35.82	10.865	44.53	28.38	
1	QPSK	Low	879.00	35.70	10.865	44.42	27.64	400
		Middle	881.50	35.62	10.865	44.34	27.14	
		High	884.00	35.69	10.865	44.40	27.55	
	16QAM	Low	879.00	36.55	10.865	45.26	33.58	
		Middle	881.50	36.32	10.865	45.04	31.91	
		High	884.00	36.50	10.865	45.22	33.26	
	64QAM	Low	879.00	36.11	10.865	44.82	30.36	
		Middle	881.50	35.76	10.865	44.47	28.01	
		High	884.00	35.79	10.865	44.51	28.24	
	256QAM	Low	879.00	36.05	10.865	44.76	29.93	
		Middle	881.50	35.73	10.865	44.44	27.81	
		High	884.00	35.81	10.865	44.53	28.37	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	56.01	68.19	59.94	59.45	400
881.50	56.25	66.34	55.78	58.64	
884.00	57.02	67.10	58.92	56.76	

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	876.50	37.03	10.865	45.75	37.56	400
		Middle	881.50	37.18	10.865	45.90	38.89	
		High	886.50	37.14	10.865	45.85	38.47	
	16QAM	Low	876.50	37.43	10.865	46.15	41.18	
		Middle	881.50	37.33	10.865	46.05	40.26	
		High	886.50	37.60	10.865	46.31	42.78	
	64QAM	Low	876.50	37.18	10.865	45.89	38.85	
		Middle	881.50	37.15	10.865	45.87	38.60	
		High	886.50	37.02	10.865	45.73	37.45	
	256QAM	Low	876.50	37.01	10.865	45.72	37.34	
		Middle	881.50	37.28	10.865	45.99	39.75	
		High	886.50	37.03	10.865	45.74	37.50	
1	QPSK	Low	876.50	37.15	10.865	45.86	38.55	
		Middle	881.50	36.76	10.865	45.48	35.28	
		High	886.50	36.83	10.865	45.55	35.87	
	16QAM	Low	876.50	37.23	10.865	45.95	39.33	
		Middle	881.50	37.42	10.865	46.14	41.08	
		High	886.50	37.13	10.865	45.84	38.38	
	64QAM	Low	876.50	37.15	10.865	45.86	38.58	
		Middle	881.50	36.71	10.865	45.42	34.87	
		High	886.50	36.95	10.865	45.66	36.84	
	256QAM	Low	876.50	36.93	10.865	45.64	36.68	
		Middle	881.50	36.89	10.865	45.61	36.37	
		High	886.50	37.03	10.865	45.74	37.52	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50	76.11	80.51	77.43	74.02	400
881.50	74.17	81.34	73.48	76.12	
886.50	74.34	81.16	74.30	75.03	

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	38.96	10.865	47.67	58.53	400
		Middle	881.50	38.98	10.865	47.70	58.85	
		High	889.00	38.94	10.865	47.66	58.30	
	16QAM	Low	874.00	39.25	10.865	47.97	62.62	
		Middle	881.50	39.19	10.865	47.91	61.76	
		High	889.00	39.12	10.865	47.84	60.77	
	64QAM	Low	874.00	39.16	10.865	47.88	61.37	
		Middle	881.50	38.88	10.865	47.59	57.45	
		High	889.00	38.76	10.865	47.48	55.93	
	256QAM	Low	874.00	38.82	10.865	47.54	56.74	
		Middle	881.50	38.95	10.865	47.66	58.40	
		High	889.00	38.98	10.865	47.70	58.85	
1	QPSK	Low	874.00	39.12	10.865	47.83	60.69	400
		Middle	881.50	38.75	10.865	47.47	55.78	
		High	889.00	38.68	10.865	47.40	54.89	
	16QAM	Low	874.00	39.13	10.865	47.85	60.92	
		Middle	881.50	38.85	10.865	47.56	57.08	
		High	889.00	38.85	10.865	47.56	57.04	
	64QAM	Low	874.00	38.97	10.865	47.69	58.73	
		Middle	881.50	38.85	10.865	47.56	57.05	
		High	889.00	38.64	10.865	47.36	54.43	
	256QAM	Low	874.00	39.30	10.865	48.01	63.30	
		Middle	881.50	38.83	10.865	47.55	56.85	
		High	889.00	38.69	10.865	47.41	55.05	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	119.22	123.54	120.10	120.03	400
881.50	114.64	118.84	114.50	115.24	
889.00	113.20	117.82	110.35	113.91	

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	876.50	37.49	10.865	46.21	41.74	400
		Middle	881.50	37.34	10.865	46.05	40.28	
		High	886.50	37.58	10.865	46.30	42.62	
	16QAM	Low	876.50	37.55	10.865	46.27	42.35	
		Middle	881.50	37.77	10.865	46.49	44.52	
		High	886.50	37.50	10.865	46.22	41.87	
	64QAM	Low	876.50	37.20	10.865	45.91	39.04	
		Middle	881.50	37.32	10.865	46.03	40.12	
		High	886.50	37.14	10.865	45.86	38.53	
	256QAM	Low	876.50	37.41	10.865	46.13	40.99	
		Middle	881.50	37.13	10.865	45.85	38.44	
		High	886.50	37.38	10.865	46.09	40.68	
1	QPSK	Low	876.50	36.98	10.865	45.69	37.09	400
		Middle	881.50	36.96	10.865	45.67	36.93	
		High	886.50	37.10	10.865	45.82	38.18	
	16QAM	Low	876.50	37.30	10.865	46.01	39.93	
		Middle	881.50	37.23	10.865	45.94	39.29	
		High	886.50	37.08	10.865	45.80	38.01	
	64QAM	Low	876.50	37.34	10.865	46.05	40.28	
		Middle	881.50	36.91	10.865	45.63	36.53	
		High	886.50	37.08	10.865	45.79	37.95	
	256QAM	Low	876.50	37.17	10.865	45.89	38.81	
		Middle	881.50	37.11	10.865	45.83	38.28	
		High	886.50	37.09	10.865	45.80	38.02	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50	78.83	82.29	79.31	79.81	400
881.50	77.21	83.81	76.65	76.71	
886.50	80.80	79.88	76.48	78.70	

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	36.38	10.865	45.09	32.29	400
		Middle	881.50	36.10	10.865	44.82	30.31	
		High	884.00	35.89	10.865	44.61	28.90	
	16QAM	Low	879.00	36.88	10.865	45.59	36.23	
		Middle	881.50	36.74	10.865	45.46	35.12	
		High	884.00	36.83	10.865	45.54	35.85	
	64QAM	Low	879.00	36.12	10.865	44.84	30.46	
		Middle	881.50	35.98	10.865	44.69	29.45	
		High	884.00	36.19	10.865	44.91	30.97	
	256QAM	Low	879.00	36.08	10.865	44.80	30.20	
		Middle	881.50	35.97	10.865	44.69	29.43	
		High	884.00	36.03	10.865	44.74	29.80	
1	QPSK	Low	879.00	36.04	10.865	44.75	29.87	400
		Middle	881.50	35.94	10.865	44.66	29.22	
		High	884.00	35.90	10.865	44.61	28.93	
	16QAM	Low	879.00	36.64	10.865	45.36	34.35	
		Middle	881.50	36.34	10.865	45.05	32.03	
		High	884.00	36.48	10.865	45.20	33.11	
	64QAM	Low	879.00	35.83	10.865	44.55	28.49	
		Middle	881.50	35.80	10.865	44.52	28.30	
		High	884.00	35.69	10.865	44.41	27.58	
	256QAM	Low	879.00	35.95	10.865	44.66	29.25	
		Middle	881.50	35.86	10.865	44.57	28.66	
		High	884.00	35.73	10.865	44.44	27.81	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	62.16	70.58	58.95	59.45	400
881.50	59.53	67.15	57.75	58.09	
884.00	57.84	68.96	58.54	57.61	

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	34.08	10.865	42.79	19.03	400
		Middle	881.50	34.06	10.865	42.78	18.95	
		High	884.00	34.60	10.865	43.32	21.46	
	16QAM	Low	879.00	34.47	10.865	43.19	20.84	
		Middle	881.50	34.53	10.865	43.24	21.10	
		High	884.00	34.60	10.865	43.32	21.47	
	64QAM	Low	879.00	34.15	10.865	42.87	19.36	
		Middle	881.50	34.36	10.865	43.08	20.30	
		High	884.00	34.08	10.865	42.80	19.05	
	256QAM	Low	879.00	34.21	10.865	42.93	19.61	
		Middle	881.50	34.27	10.865	42.99	19.89	
		High	884.00	34.10	10.865	42.82	19.12	
1	QPSK	Low	879.00	34.08	10.865	42.80	19.05	400
		Middle	881.50	33.85	10.865	42.56	18.03	
		High	884.00	33.86	10.865	42.57	18.09	
	16QAM	Low	879.00	34.19	10.865	42.90	19.51	
		Middle	881.50	34.12	10.865	42.83	19.20	
		High	884.00	34.10	10.865	42.82	19.13	
	64QAM	Low	879.00	33.95	10.865	42.67	18.47	
		Middle	881.50	34.06	10.865	42.77	18.93	
		High	884.00	33.91	10.865	42.63	18.30	
	256QAM	Low	879.00	33.85	10.865	42.57	18.07	
		Middle	881.50	33.89	10.865	42.61	18.23	
		High	884.00	34.01	10.865	42.73	18.75	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	879.00	33.94	10.865	42.65	18.43	400
		Middle	881.50	33.89	10.865	42.60	18.20	
		High	884.00	34.10	10.865	42.82	19.13	
	16QAM	Low	879.00	34.12	10.865	42.83	19.19	
		Middle	881.50	34.31	10.865	43.03	20.07	
		High	884.00	34.11	10.865	42.83	19.17	
	64QAM	Low	879.00	33.88	10.865	42.59	18.17	
		Middle	881.50	33.91	10.865	42.63	18.31	
		High	884.00	33.81	10.865	42.53	17.90	
	256QAM	Low	879.00	34.05	10.865	42.77	18.92	
		Middle	881.50	34.25	10.865	42.97	19.81	
		High	884.00	33.69	10.865	42.40	17.38	
3	QPSK	Low	879.00	34.03	10.865	42.75	18.83	
		Middle	881.50	33.96	10.865	42.68	18.53	
		High	884.00	33.83	10.865	42.54	17.97	
	16QAM	Low	879.00	34.31	10.865	43.03	20.07	
		Middle	881.50	34.27	10.865	42.99	19.89	
		High	884.00	34.38	10.865	43.10	20.41	
	64QAM	Low	879.00	34.08	10.865	42.80	19.03	
		Middle	881.50	33.99	10.865	42.70	18.64	
		High	884.00	33.51	10.865	42.23	16.69	
	256QAM	Low	879.00	34.00	10.865	42.71	18.67	
		Middle	881.50	34.05	10.865	42.76	18.90	
		High	884.00	33.69	10.865	42.40	17.38	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	75.34	79.61	75.04	75.26	400
881.50	73.71	80.26	76.18	76.82	
884.00	76.65	80.19	71.95	72.63	

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	37.31	10.865	46.02	40.00	400
		Middle	881.50	37.02	10.865	45.73	37.42	
		High	889.00	37.39	10.865	46.11	40.80	
	16QAM	Low	874.00	37.42	10.865	46.13	41.06	
		Middle	881.50	37.21	10.865	45.92	39.11	
		High	889.00	37.42	10.865	46.13	41.04	
	64QAM	Low	874.00	37.38	10.865	46.09	40.66	
		Middle	881.50	37.16	10.865	45.87	38.66	
		High	889.00	37.11	10.865	45.82	38.23	
	256QAM	Low	874.00	37.13	10.865	45.84	38.38	
		Middle	881.50	37.08	10.865	45.80	37.98	
		High	889.00	37.16	10.865	45.88	38.68	
1	QPSK	Low	874.00	37.24	10.865	45.96	39.40	
		Middle	881.50	36.90	10.865	45.61	36.40	
		High	889.00	36.89	10.865	45.60	36.33	
	16QAM	Low	874.00	37.49	10.865	46.21	41.76	
		Middle	881.50	37.03	10.865	45.74	37.51	
		High	889.00	36.93	10.865	45.65	36.70	
	64QAM	Low	874.00	37.24	10.865	45.95	39.36	
		Middle	881.50	37.15	10.865	45.86	38.55	
		High	889.00	36.74	10.865	45.45	35.08	
	256QAM	Low	874.00	37.23	10.865	45.95	39.33	
		Middle	881.50	36.99	10.865	45.70	37.17	
		High	889.00	36.90	10.865	45.61	36.39	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	874.00	36.79	10.865	45.51	35.53	400
		Middle	881.50	36.89	10.865	45.61	36.36	
		High	889.00	36.80	10.865	45.51	35.59	
	16QAM	Low	874.00	36.96	10.865	45.68	36.96	
		Middle	881.50	36.86	10.865	45.58	36.14	
		High	889.00	36.92	10.865	45.63	36.58	
	64QAM	Low	874.00	36.93	10.865	45.64	36.67	
		Middle	881.50	37.02	10.865	45.73	37.43	
		High	889.00	36.60	10.865	45.32	34.01	
	256QAM	Low	874.00	37.08	10.865	45.79	37.97	
		Middle	881.50	36.74	10.865	45.45	35.09	
		High	889.00	36.88	10.865	45.60	36.27	
3	QPSK	Low	874.00	36.74	10.865	45.45	35.08	
		Middle	881.50	36.64	10.865	45.36	34.33	
		High	889.00	36.60	10.865	45.32	34.01	
	16QAM	Low	874.00	36.89	10.865	45.60	36.34	
		Middle	881.50	36.73	10.865	45.45	35.05	
		High	889.00	36.73	10.865	45.44	35.02	
	64QAM	Low	874.00	36.58	10.865	45.30	33.86	
		Middle	881.50	36.57	10.865	45.28	33.75	
		High	889.00	36.76	10.865	45.47	35.25	
	256QAM	Low	874.00	36.61	10.865	45.32	34.07	
		Middle	881.50	36.48	10.865	45.20	33.08	
		High	889.00	36.61	10.865	45.33	34.09	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	150.02	156.12	150.55	149.75	400
881.50	144.50	147.80	148.40	143.33	
889.00	146.72	149.34	142.57	145.44	

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	34.01	10.865	42.73	18.75	400
		Middle	881.50	34.23	10.865	42.94	19.69	
		High	884.00	34.09	10.865	42.80	19.06	
	16QAM	Low	879.00	34.98	10.865	43.70	23.42	
		Middle	881.50	34.70	10.865	43.42	21.98	
		High	884.00	34.74	10.865	43.46	22.16	
	64QAM	Low	879.00	34.09	10.865	42.80	19.07	
		Middle	881.50	33.95	10.865	42.66	18.46	
		High	884.00	34.23	10.865	42.94	19.68	
	256QAM	Low	879.00	34.06	10.865	42.78	18.96	
		Middle	881.50	34.14	10.865	42.86	19.31	
		High	884.00	34.01	10.865	42.73	18.74	
1	QPSK	Low	879.00	33.90	10.865	42.61	18.25	
		Middle	881.50	33.78	10.865	42.50	17.77	
		High	884.00	33.79	10.865	42.50	17.78	
	16QAM	Low	879.00	34.63	10.865	43.35	21.62	
		Middle	881.50	34.74	10.865	43.46	22.17	
		High	884.00	34.62	10.865	43.33	21.54	
	64QAM	Low	879.00	34.24	10.865	42.96	19.76	
		Middle	881.50	34.14	10.865	42.85	19.29	
		High	884.00	34.07	10.865	42.79	19.01	
	256QAM	Low	879.00	34.29	10.865	43.01	19.99	
		Middle	881.50	33.99	10.865	42.71	18.64	
		High	884.00	33.87	10.865	42.58	18.12	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	879.00	33.59	10.865	42.30	16.99	400
		Middle	881.50	33.60	10.865	42.32	17.06	
		High	884.00	33.65	10.865	42.36	17.23	
	16QAM	Low	879.00	34.59	10.865	43.30	21.39	
		Middle	881.50	34.53	10.865	43.25	21.11	
		High	884.00	34.40	10.865	43.11	20.48	
	64QAM	Low	879.00	33.69	10.865	42.40	17.38	
		Middle	881.50	33.74	10.865	42.45	17.59	
		High	884.00	34.08	10.865	42.79	19.03	
	256QAM	Low	879.00	33.65	10.865	42.37	17.25	
		Middle	881.50	33.81	10.865	42.52	17.87	
		High	884.00	33.72	10.865	42.44	17.52	
3	QPSK	Low	879.00	33.74	10.865	42.46	17.60	
		Middle	881.50	33.61	10.865	42.32	17.07	
		High	884.00	33.72	10.865	42.44	17.53	
	16QAM	Low	879.00	34.25	10.865	42.96	19.77	
		Middle	881.50	34.45	10.865	43.16	20.71	
		High	884.00	34.18	10.865	42.89	19.46	
	64QAM	Low	879.00	33.74	10.865	42.46	17.61	
		Middle	881.50	33.68	10.865	42.39	17.34	
		High	884.00	33.65	10.865	42.36	17.22	
	256QAM	Low	879.00	33.62	10.865	42.33	17.11	
		Middle	881.50	33.61	10.865	42.33	17.10	
		High	884.00	33.69	10.865	42.40	17.40	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	71.59	86.20	73.83	73.31	400
881.50	71.58	85.97	72.68	72.92	
884.00	71.60	83.64	74.94	71.78	

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	876.50	34.93	10.865	43.65	23.15	400
		Middle	881.50	35.26	10.865	43.97	24.95	
		High	886.50	35.27	10.865	43.99	25.04	
	16QAM	Low	876.50	35.01	10.865	43.73	23.59	
		Middle	881.50	35.52	10.865	44.23	26.51	
		High	886.50	36.04	10.865	44.76	29.91	
	64QAM	Low	876.50	35.04	10.865	43.75	23.73	
		Middle	881.50	35.16	10.865	43.87	24.38	
		High	886.50	35.21	10.865	43.92	24.67	
	256QAM	Low	876.50	35.07	10.865	43.79	23.92	
		Middle	881.50	35.05	10.865	43.77	23.81	
		High	886.50	35.33	10.865	44.05	25.41	
1	QPSK	Low	876.50	35.09	10.865	43.80	24.01	400
		Middle	881.50	34.98	10.865	43.69	23.39	
		High	886.50	35.73	10.865	44.44	27.82	
	16QAM	Low	876.50	35.01	10.865	43.72	23.57	
		Middle	881.50	35.14	10.865	43.85	24.28	
		High	886.50	35.54	10.865	44.26	26.64	
	64QAM	Low	876.50	35.02	10.865	43.74	23.64	
		Middle	881.50	35.10	10.865	43.82	24.08	
		High	886.50	35.19	10.865	43.91	24.58	
	256QAM	Low	876.50	34.92	10.865	43.64	23.11	
		Middle	881.50	35.20	10.865	43.91	24.61	
		High	886.50	35.37	10.865	44.09	25.62	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	876.50	35.11	10.865	43.82	24.11	400
		Middle	881.50	35.08	10.865	43.80	23.98	
		High	886.50	35.09	10.865	43.81	24.02	
	16QAM	Low	876.50	35.42	10.865	44.13	25.90	
		Middle	881.50	35.66	10.865	44.37	27.37	
		High	886.50	35.26	10.865	43.98	24.99	
	64QAM	Low	876.50	35.02	10.865	43.73	23.62	
		Middle	881.50	35.50	10.865	44.22	26.40	
		High	886.50	34.94	10.865	43.65	23.20	
	256QAM	Low	876.50	35.17	10.865	43.88	24.45	
		Middle	881.50	35.08	10.865	43.80	23.96	
		High	886.50	35.00	10.865	43.71	23.50	
3	QPSK	Low	876.50	35.03	10.865	43.74	23.66	
		Middle	881.50	35.27	10.865	43.98	25.01	
		High	886.50	35.07	10.865	43.79	23.91	
	16QAM	Low	876.50	34.92	10.865	43.63	23.09	
		Middle	881.50	35.35	10.865	44.06	25.49	
		High	886.50	35.52	10.865	44.23	26.52	
	64QAM	Low	876.50	35.09	10.865	43.80	23.99	
		Middle	881.50	34.95	10.865	43.67	23.27	
		High	886.50	35.21	10.865	43.92	24.68	
	256QAM	Low	876.50	34.94	10.865	43.65	23.19	
		Middle	881.50	35.15	10.865	43.86	24.33	
		High	886.50	35.21	10.865	43.92	24.66	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50	94.94	96.15	94.99	94.67	400
881.50	97.33	103.65	98.13	96.71	
886.50	100.80	108.06	97.13	99.20	

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	874.00	37.28	10.865	46.00	39.77	400
		Middle	881.50	37.04	10.865	45.76	37.65	
		High	889.00	37.19	10.865	45.91	38.96	
	16QAM	Low	874.00	37.47	10.865	46.19	41.59	
		Middle	881.50	37.56	10.865	46.28	42.43	
		High	889.00	37.27	10.865	45.99	39.68	
	64QAM	Low	874.00	37.30	10.865	46.02	39.98	
		Middle	881.50	37.33	10.865	46.05	40.24	
		High	889.00	37.20	10.865	45.91	39.01	
	256QAM	Low	874.00	37.40	10.865	46.12	40.92	
		Middle	881.50	37.37	10.865	46.08	40.56	
		High	889.00	37.23	10.865	45.94	39.30	
1	QPSK	Low	874.00	37.14	10.865	45.86	38.54	400
		Middle	881.50	36.94	10.865	45.65	36.73	
		High	889.00	36.79	10.865	45.51	35.53	
	16QAM	Low	874.00	37.59	10.865	46.31	42.75	
		Middle	881.50	37.13	10.865	45.85	38.44	
		High	889.00	37.12	10.865	45.84	38.34	
	64QAM	Low	874.00	37.29	10.865	46.01	39.86	
		Middle	881.50	36.88	10.865	45.59	36.23	
		High	889.00	36.99	10.865	45.70	37.18	
	256QAM	Low	874.00	37.18	10.865	45.90	38.88	
		Middle	881.50	36.77	10.865	45.49	35.37	
		High	889.00	37.14	10.865	45.86	38.52	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	874.00	36.94	10.865	45.66	36.80	400
		Middle	881.50	36.95	10.865	45.67	36.86	
		High	889.00	37.14	10.865	45.86	38.53	
	16QAM	Low	874.00	37.34	10.865	46.06	40.33	
		Middle	881.50	37.30	10.865	46.01	39.94	
		High	889.00	37.16	10.865	45.88	38.71	
	64QAM	Low	874.00	36.99	10.865	45.70	37.17	
		Middle	881.50	37.16	10.865	45.87	38.68	
		High	889.00	37.11	10.865	45.82	38.23	
	256QAM	Low	874.00	37.04	10.865	45.75	37.59	
		Middle	881.50	37.11	10.865	45.82	38.22	
		High	889.00	37.08	10.865	45.79	37.95	
3	QPSK	Low	874.00	36.83	10.865	45.54	35.83	400
		Middle	881.50	37.15	10.865	45.87	38.63	
		High	889.00	37.23	10.865	45.94	39.28	
	16QAM	Low	874.00	37.47	10.865	46.18	41.51	
		Middle	881.50	37.27	10.865	45.99	39.72	
		High	889.00	37.46	10.865	46.17	41.44	
	64QAM	Low	874.00	36.97	10.865	45.69	37.04	
		Middle	881.50	37.03	10.865	45.75	37.56	
		High	889.00	37.14	10.865	45.85	38.48	
	256QAM	Low	874.00	37.04	10.865	45.76	37.66	
		Middle	881.50	36.96	10.865	45.67	36.93	
		High	889.00	37.11	10.865	45.82	38.23	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00	150.94	166.18	154.05	155.05	400
881.50	149.88	160.53	152.71	151.08	
889.00	152.31	158.17	152.90	154.01	

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	876.50	35.34	10.865	44.06	25.47	400
		Middle	881.50	35.41	10.865	44.12	25.85	
		High	886.50	35.36	10.865	44.07	25.55	
	16QAM	Low	876.50	36.17	10.865	44.88	30.77	
		Middle	881.50	35.48	10.865	44.19	26.25	
		High	886.50	35.78	10.865	44.49	28.12	
	64QAM	Low	876.50	35.34	10.865	44.06	25.45	
		Middle	881.50	35.48	10.865	44.20	26.30	
		High	886.50	35.44	10.865	44.15	26.03	
	256QAM	Low	876.50	35.74	10.865	44.45	27.88	
		Middle	881.50	35.45	10.865	44.16	26.08	
		High	886.50	35.59	10.865	44.30	26.92	
1	QPSK	Low	876.50	35.28	10.865	43.99	25.08	
		Middle	881.50	35.25	10.865	43.96	24.90	
		High	886.50	34.92	10.865	43.64	23.09	
	16QAM	Low	876.50	35.38	10.865	44.10	25.70	
		Middle	881.50	35.10	10.865	43.81	24.05	
		High	886.50	35.72	10.865	44.44	27.79	
	64QAM	Low	876.50	35.55	10.865	44.26	26.68	
		Middle	881.50	35.04	10.865	43.76	23.76	
		High	886.50	35.16	10.865	43.87	24.39	
256QAM	Low	876.50	35.48	10.865	44.20	26.27		
	Middle	881.50	35.32	10.865	44.03	25.31		
	High	886.50	35.22	10.865	43.93	24.72		

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	876.50	35.43	10.865	44.14	25.95	400
		Middle	881.50	35.20	10.865	43.92	24.66	
		High	886.50	35.14	10.865	43.85	24.29	
	16QAM	Low	876.50	35.50	10.865	44.22	26.40	
		Middle	881.50	35.18	10.865	43.89	24.51	
		High	886.50	35.48	10.865	44.20	26.29	
	64QAM	Low	876.50	35.24	10.865	43.96	24.87	
		Middle	881.50	35.13	10.865	43.84	24.22	
		High	886.50	35.23	10.865	43.94	24.80	
	256QAM	Low	876.50	35.29	10.865	44.01	25.15	
		Middle	881.50	35.06	10.865	43.77	23.83	
		High	886.50	35.42	10.865	44.13	25.88	
3	QPSK	Low	876.50	35.16	10.865	43.88	24.42	400
		Middle	881.50	35.37	10.865	44.08	25.61	
		High	886.50	35.28	10.865	43.99	25.08	
	16QAM	Low	876.50	35.52	10.865	44.24	26.52	
		Middle	881.50	35.50	10.865	44.22	26.40	
		High	886.50	35.84	10.865	44.56	28.55	
	64QAM	Low	876.50	35.47	10.865	44.19	26.23	
		Middle	881.50	35.33	10.865	44.05	25.41	
		High	886.50	35.51	10.865	44.22	26.43	
	256QAM	Low	876.50	35.27	10.865	43.98	25.02	
		Middle	881.50	35.41	10.865	44.13	25.88	
		High	886.50	35.56	10.865	44.28	26.77	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50	100.91	109.39	103.23	104.32	400
881.50	101.02	101.20	99.69	101.09	
886.50	98.01	110.75	101.65	104.29	

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	34.22	10.865	42.93	19.65	400
		Middle	881.50	34.44	10.865	43.15	20.66	
		High	884.00	34.58	10.865	43.29	21.35	
	16QAM	Low	879.00	34.85	10.865	43.56	22.71	
		Middle	881.50	34.90	10.865	43.61	22.98	
		High	884.00	34.78	10.865	43.50	22.38	
	64QAM	Low	879.00	34.01	10.865	42.72	18.71	
		Middle	881.50	34.15	10.865	42.86	19.33	
		High	884.00	34.28	10.865	42.99	19.93	
	256QAM	Low	879.00	34.10	10.865	42.81	19.12	
		Middle	881.50	34.01	10.865	42.73	18.74	
		High	884.00	34.10	10.865	42.82	19.14	
1	QPSK	Low	879.00	34.12	10.865	42.83	19.19	
		Middle	881.50	34.08	10.865	42.80	19.04	
		High	884.00	33.84	10.865	42.56	18.03	
	16QAM	Low	879.00	34.38	10.865	43.09	20.39	
		Middle	881.50	34.65	10.865	43.37	21.72	
		High	884.00	34.67	10.865	43.39	21.82	
	64QAM	Low	879.00	34.09	10.865	42.81	19.08	
		Middle	881.50	34.16	10.865	42.87	19.39	
		High	884.00	33.84	10.865	42.56	18.02	
	256QAM	Low	879.00	34.16	10.865	42.88	19.41	
		Middle	881.50	33.91	10.865	42.63	18.30	
		High	884.00	33.91	10.865	42.63	18.32	

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	879.00	34.14	10.865	42.85	19.28	400
		Middle	881.50	33.82	10.865	42.54	17.94	
		High	884.00	33.86	10.865	42.57	18.08	
	16QAM	Low	879.00	34.94	10.865	43.65	23.19	
		Middle	881.50	34.31	10.865	43.02	20.05	
		High	884.00	34.67	10.865	43.39	21.80	
	64QAM	Low	879.00	33.84	10.865	42.55	18.00	
		Middle	881.50	33.86	10.865	42.58	18.10	
		High	884.00	33.94	10.865	42.66	18.43	
	256QAM	Low	879.00	33.99	10.865	42.70	18.64	
		Middle	881.50	33.94	10.865	42.65	18.43	
		High	884.00	33.94	10.865	42.65	18.41	
3	QPSK	Low	879.00	34.03	10.865	42.74	18.80	
		Middle	881.50	34.25	10.865	42.96	19.77	
		High	884.00	34.21	10.865	42.93	19.62	
	16QAM	Low	879.00	34.95	10.865	43.66	23.25	
		Middle	881.50	34.60	10.865	43.31	21.45	
		High	884.00	34.68	10.865	43.39	21.83	
	64QAM	Low	879.00	33.82	10.865	42.54	17.94	
		Middle	881.50	34.05	10.865	42.77	18.90	
		High	884.00	34.11	10.865	42.83	19.18	
	256QAM	Low	879.00	34.01	10.865	42.72	18.72	
		Middle	881.50	34.01	10.865	42.73	18.73	
		High	884.00	34.11	10.865	42.83	19.17	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	76.92	89.54	73.73	75.89	400
881.50	77.42	86.20	75.71	74.20	
884.00	77.08	87.83	75.56	75.05	

(2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	751.00	38.58	10.865	47.30	53.70	1000
	16QAM	Middle	751.00	38.86	10.865	47.57	57.20	
	64QAM	Middle	751.00	38.71	10.865	47.43	55.27	
	256QAM	Middle	751.00	38.93	10.865	47.64	58.09	
1	QPSK	Middle	751.00	38.77	10.865	47.49	56.10	
	16QAM	Middle	751.00	38.86	10.865	47.58	57.28	
	64QAM	Middle	751.00	38.80	10.865	47.52	56.48	
	256QAM	Middle	751.00	38.62	10.865	47.34	54.16	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
751.00	109.80	114.48	111.75	112.25	1000

(4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	751.00	37.00	10.865	45.71	37.26	1000
	16QAM	Middle	751.00	37.34	10.865	46.05	40.28	
	64QAM	Middle	751.00	37.05	10.865	45.77	37.72	
	256QAM	Middle	751.00	37.06	10.865	45.77	37.78	
1	QPSK	Middle	751.00	36.81	10.865	45.53	35.69	
	16QAM	Middle	751.00	37.38	10.865	46.10	40.70	
	64QAM	Middle	751.00	36.96	10.865	45.67	36.92	
	256QAM	Middle	751.00	37.04	10.865	45.76	37.63	
2	QPSK	Middle	751.00	36.48	10.865	45.20	33.08	
	16QAM	Middle	751.00	37.02	10.865	45.74	37.47	
	64QAM	Middle	751.00	36.82	10.865	45.53	35.74	
	256QAM	Middle	751.00	36.60	10.865	45.31	33.97	
3	QPSK	Middle	751.00	36.91	10.865	45.62	36.50	
	16QAM	Middle	751.00	36.98	10.865	45.70	37.14	
	64QAM	Middle	751.00	36.91	10.865	45.62	36.51	
	256QAM	Middle	751.00	36.88	10.865	45.59	36.25	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
751.00	142.53	155.59	146.88	145.63	1000

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	881.50	34.75	10.865	43.47	22.21	400
	16QAM	Middle	881.50	35.04	10.865	43.75	23.72	
	64QAM	Middle	881.50	35.18	10.865	43.89	24.49	
	256QAM	Middle	881.50	34.99	10.865	43.70	23.45	
1	QPSK	Middle	881.50	34.84	10.865	43.56	22.68	
	16QAM	Middle	881.50	35.03	10.865	43.74	23.67	
	64QAM	Middle	881.50	34.71	10.865	43.43	22.02	
	256QAM	Middle	881.50	34.96	10.865	43.68	23.31	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
881.50	44.89	47.39	46.52	46.77	400

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	881.50	34.99	10.865	43.70	23.46	400
	16QAM	Middle	881.50	35.76	10.865	44.47	27.99	
	64QAM	Middle	881.50	35.09	10.865	43.80	24.01	
	256QAM	Middle	881.50	34.81	10.865	43.52	22.51	
1	QPSK	Middle	881.50	34.68	10.865	43.40	21.86	
	16QAM	Middle	881.50	35.46	10.865	44.17	26.13	
	64QAM	Middle	881.50	34.78	10.865	43.49	22.34	
	256QAM	Middle	881.50	35.08	10.865	43.79	23.96	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
881.50	45.32	54.12	46.35	46.47	400

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	881.50	34.93	10.865	43.65	23.17	400
	16QAM	Middle	881.50	35.28	10.865	43.99	25.08	
	64QAM	Middle	881.50	34.65	10.865	43.37	21.73	
	256QAM	Middle	881.50	34.78	10.865	43.50	22.38	
1	QPSK	Middle	881.50	35.12	10.865	43.84	24.21	
	16QAM	Middle	881.50	35.36	10.865	44.07	25.56	
	64QAM	Middle	881.50	34.63	10.865	43.35	21.62	
	256QAM	Middle	881.50	34.70	10.865	43.42	21.97	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
881.50	47.37	50.64	43.35	44.34	400

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	35.99	10.865	44.71	29.55	400
		Middle	881.50	35.81	10.865	44.53	28.36	
		High	884.00	35.84	10.865	44.55	28.54	
	16QAM	Low	879.00	36.02	10.865	44.74	29.78	
		Middle	881.50	36.28	10.865	44.99	31.57	
		High	884.00	36.33	10.865	45.04	31.95	
	64QAM	Low	879.00	35.92	10.865	44.64	29.09	
		Middle	881.50	36.11	10.865	44.82	30.36	
		High	884.00	35.95	10.865	44.67	29.28	
	256QAM	Low	879.00	36.05	10.865	44.77	29.98	
		Middle	881.50	36.16	10.865	44.88	30.73	
		High	884.00	35.97	10.865	44.68	29.40	
1	QPSK	Low	879.00	36.05	10.865	44.77	29.97	400
		Middle	881.50	35.62	10.865	44.34	27.14	
		High	884.00	35.76	10.865	44.47	28.00	
	16QAM	Low	879.00	36.20	10.865	44.92	31.04	
		Middle	881.50	36.04	10.865	44.76	29.90	
		High	884.00	36.27	10.865	44.98	31.51	
	64QAM	Low	879.00	35.90	10.865	44.61	28.91	
		Middle	881.50	35.71	10.865	44.42	27.70	
		High	884.00	35.78	10.865	44.50	28.17	
	256QAM	Low	879.00	36.06	10.865	44.77	30.00	
		Middle	881.50	35.72	10.865	44.44	27.79	
		High	884.00	35.72	10.865	44.44	27.78	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	59.52	60.82	58.00	59.98	400
881.50	55.49	61.47	58.06	58.52	
884.00	56.53	63.46	57.45	57.17	

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	881.50	33.46	10.865	42.18	16.51	400
	16QAM	Middle	881.50	33.58	10.865	42.29	16.94	
	64QAM	Middle	881.50	33.24	10.865	41.96	15.69	
	256QAM	Middle	881.50	33.17	10.865	41.89	15.45	
1	QPSK	Middle	881.50	33.14	10.865	41.85	15.32	
	16QAM	Middle	881.50	33.27	10.865	41.98	15.79	
	64QAM	Middle	881.50	33.05	10.865	41.77	15.02	
	256QAM	Middle	881.50	33.11	10.865	41.82	15.22	
2	QPSK	Middle	881.50	33.29	10.865	42.00	15.86	
	16QAM	Middle	881.50	33.06	10.865	41.77	15.05	
	64QAM	Middle	881.50	32.83	10.865	41.54	14.27	
	256QAM	Middle	881.50	32.83	10.865	41.54	14.27	
3	QPSK	Middle	881.50	33.00	10.865	41.71	14.83	
	16QAM	Middle	881.50	33.06	10.865	41.78	15.06	
	64QAM	Middle	881.50	32.67	10.865	41.38	13.75	
	256QAM	Middle	881.50	32.66	10.865	41.37	13.72	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
881.50	62.52	62.84	58.73	58.66	400

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	881.50	32.92	10.865	41.63	14.56	400
	16QAM	Middle	881.50	33.45	10.865	42.16	16.45	
	64QAM	Middle	881.50	33.07	10.865	41.79	15.09	
	256QAM	Middle	881.50	33.29	10.865	42.00	15.86	
1	QPSK	Middle	881.50	33.05	10.865	41.76	15.01	
	16QAM	Middle	881.50	33.82	10.865	42.54	17.94	
	64QAM	Middle	881.50	33.16	10.865	41.88	15.41	
	256QAM	Middle	881.50	33.09	10.865	41.80	15.14	
2	QPSK	Middle	881.50	32.71	10.865	41.43	13.90	
	16QAM	Middle	881.50	33.46	10.865	42.17	16.49	
	64QAM	Middle	881.50	32.74	10.865	41.46	13.99	
	256QAM	Middle	881.50	32.67	10.865	41.38	13.74	
3	QPSK	Middle	881.50	32.77	10.865	41.48	14.07	
	16QAM	Middle	881.50	33.30	10.865	42.01	15.90	
	64QAM	Middle	881.50	32.50	10.865	41.21	13.22	
	256QAM	Middle	881.50	32.50	10.865	41.22	13.23	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
881.50	57.54	66.78	57.70	57.98	400

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Middle	881.50	33.20	10.865	41.91	15.53	400
	16QAM	Middle	881.50	33.84	10.865	42.56	18.02	
	64QAM	Middle	881.50	33.13	10.865	41.84	15.28	
	256QAM	Middle	881.50	33.40	10.865	42.11	16.26	
1	QPSK	Middle	881.50	33.32	10.865	42.03	15.97	
	16QAM	Middle	881.50	33.74	10.865	42.46	17.60	
	64QAM	Middle	881.50	33.18	10.865	41.90	15.48	
	256QAM	Middle	881.50	33.19	10.865	41.91	15.52	
2	QPSK	Middle	881.50	32.66	10.865	41.38	13.74	
	16QAM	Middle	881.50	33.24	10.865	41.95	15.67	
	64QAM	Middle	881.50	32.80	10.865	41.52	14.17	
	256QAM	Middle	881.50	32.63	10.865	41.34	13.62	
3	QPSK	Middle	881.50	32.63	10.865	41.35	13.64	
	16QAM	Middle	881.50	33.49	10.865	42.20	16.61	
	64QAM	Middle	881.50	32.62	10.865	41.34	13.61	
	256QAM	Middle	881.50	32.62	10.865	41.33	13.59	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
881.50	58.87	67.90	58.54	58.99	400

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	Low	879.00	34.03	10.865	42.75	18.83	400
		Middle	881.50	33.95	10.865	42.66	18.46	
		High	884.00	34.07	10.865	42.79	19.00	
	16QAM	Low	879.00	34.34	10.865	43.06	20.21	
		Middle	881.50	34.01	10.865	42.73	18.75	
		High	884.00	34.25	10.865	42.96	19.79	
	64QAM	Low	879.00	34.13	10.865	42.84	19.24	
		Middle	881.50	34.12	10.865	42.84	19.23	
		High	884.00	34.09	10.865	42.81	19.09	
	256QAM	Low	879.00	34.03	10.865	42.74	18.81	
		Middle	881.50	34.23	10.865	42.95	19.71	
		High	884.00	33.97	10.865	42.69	18.57	
1	QPSK	Low	879.00	34.32	10.865	43.04	20.14	
		Middle	881.50	34.13	10.865	42.85	19.26	
		High	884.00	34.09	10.865	42.80	19.06	
	16QAM	Low	879.00	34.40	10.865	43.12	20.50	
		Middle	881.50	34.26	10.865	42.97	19.83	
		High	884.00	34.18	10.865	42.90	19.49	
	64QAM	Low	879.00	34.18	10.865	42.89	19.47	
		Middle	881.50	34.09	10.865	42.81	19.09	
		High	884.00	33.92	10.865	42.64	18.36	
256QAM	Low	879.00	34.21	10.865	42.92	19.59		
	Middle	881.50	34.15	10.865	42.87	19.36		
	High	884.00	33.99	10.865	42.71	18.66		

Ant.	Mod	Ch	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
2	QPSK	Low	879.00	33.78	10.865	42.49	17.75	400
		Middle	881.50	33.75	10.865	42.47	17.66	
		High	884.00	33.63	10.865	42.34	17.14	
	16QAM	Low	879.00	34.09	10.865	42.80	19.07	
		Middle	881.50	34.03	10.865	42.74	18.79	
		High	884.00	33.82	10.865	42.53	17.91	
	64QAM	Low	879.00	33.82	10.865	42.53	17.92	
		Middle	881.50	33.94	10.865	42.65	18.41	
		High	884.00	33.70	10.865	42.42	17.44	
	256QAM	Low	879.00	33.81	10.865	42.53	17.90	
		Middle	881.50	33.98	10.865	42.70	18.61	
		High	884.00	33.68	10.865	42.40	17.37	
3	QPSK	Low	879.00	34.07	10.865	42.78	18.99	
		Middle	881.50	33.88	10.865	42.59	18.17	
		High	884.00	33.81	10.865	42.52	17.88	
	16QAM	Low	879.00	34.08	10.865	42.80	19.04	
		Middle	881.50	34.12	10.865	42.83	19.20	
		High	884.00	33.95	10.865	42.67	18.47	
	64QAM	Low	879.00	33.99	10.865	42.71	18.66	
		Middle	881.50	33.78	10.865	42.50	17.76	
		High	884.00	33.60	10.865	42.31	17.02	
	256QAM	Low	879.00	33.78	10.865	42.50	17.77	
		Middle	881.50	33.77	10.865	42.49	17.72	
		High	884.00	33.72	10.865	42.43	17.51	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
879.00	75.70	78.82	75.30	74.07	400
881.50	73.54	76.57	74.49	75.41	
884.00	73.08	75.66	71.91	72.10	

Tabular Data of Non-Contiguous PSD
(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 889.00	35.96	10.865	44.68	29.35	400
	16QAM	874.00 + 889.00	36.41	10.865	45.13	32.58	
	64QAM	874.00 + 889.00	36.07	10.865	44.79	30.12	
	256QAM	874.00 + 889.00	36.08	10.865	44.80	30.17	
1	QPSK	874.00 + 889.00	36.31	10.865	45.02	31.79	
	16QAM	874.00 + 889.00	36.28	10.865	44.99	31.55	
	64QAM	874.00 + 889.00	36.16	10.865	44.88	30.74	
	256QAM	874.00 + 889.00	35.99	10.865	44.71	29.57	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 889.00	61.14	64.13	60.86	59.74	400

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	871.50 + 891.50	39.03	10.865	47.74	59.44	400
	16QAM	871.50 + 891.50	39.19	10.865	47.90	61.69	
	64QAM	871.50 + 891.50	39.17	10.865	47.89	61.49	
	256QAM	871.50 + 891.50	39.08	10.865	47.80	60.23	
1	QPSK	871.50 + 891.50	39.25	10.865	47.97	62.66	
	16QAM	871.50 + 891.50	39.52	10.865	48.24	66.62	
	64QAM	871.50 + 891.50	39.26	10.865	47.98	62.77	
	256QAM	871.50 + 891.50	39.28	10.865	47.99	63.00	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
871.50 + 891.50	122.10	128.31	124.26	123.23	400

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 889.00	35.93	10.865	44.64	29.11	400
	16QAM	874.00 + 889.00	36.64	10.865	45.36	34.34	
	64QAM	874.00 + 889.00	36.00	10.865	44.71	29.59	
	256QAM	874.00 + 889.00	36.03	10.865	44.74	29.79	
1	QPSK	874.00 + 889.00	35.93	10.865	44.64	29.11	
	16QAM	874.00 + 889.00	36.89	10.865	45.61	36.38	
	64QAM	874.00 + 889.00	35.97	10.865	44.69	29.44	
	256QAM	874.00 + 889.00	36.02	10.865	44.73	29.72	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 889.00	58.23	70.72	59.03	59.52	400

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 891.50	37.07	10.865	45.78	37.87	400
	16QAM	874.00 + 891.50	37.44	10.865	46.15	41.25	
	64QAM	874.00 + 891.50	37.03	10.865	45.75	37.56	
	256QAM	874.00 + 891.50	37.07	10.865	45.78	37.86	
1	QPSK	874.00 + 891.50	37.03	10.865	45.75	37.56	
	16QAM	874.00 + 891.50	37.23	10.865	45.95	39.32	
	64QAM	874.00 + 891.50	37.09	10.865	45.81	38.08	
	256QAM	874.00 + 891.50	37.13	10.865	45.85	38.43	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 891.50	75.43	80.57	75.64	76.29	400

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	871.50 + 891.50	39.28	10.865	47.99	62.98	400
	16QAM	871.50 + 891.50	39.27	10.865	47.99	62.90	
	64QAM	871.50 + 891.50	39.14	10.865	47.86	61.03	
	256QAM	871.50 + 891.50	39.06	10.865	47.77	59.89	
1	QPSK	871.50 + 891.50	38.99	10.865	47.70	58.91	
	16QAM	871.50 + 891.50	39.26	10.865	47.98	62.75	
	64QAM	871.50 + 891.50	39.17	10.865	47.89	61.50	
	256QAM	871.50 + 891.50	39.39	10.865	48.10	64.62	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
871.50 + 891.50	121.89	125.64	122.53	124.51	400

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 891.50	37.25	10.865	45.96	39.48	400
	16QAM	874.00 + 891.50	37.56	10.865	46.28	42.46	
	64QAM	874.00 + 891.50	37.28	10.865	45.99	39.73	
	256QAM	874.00 + 891.50	37.37	10.865	46.08	40.58	
1	QPSK	874.00 + 891.50	37.24	10.865	45.96	39.44	
	16QAM	874.00 + 891.50	37.31	10.865	46.02	40.03	
	64QAM	874.00 + 891.50	37.05	10.865	45.77	37.74	
	256QAM	874.00 + 891.50	37.16	10.865	45.88	38.72	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 891.50	78.92	82.48	77.47	79.30	400

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 889.00	36.27	10.865	44.98	31.50	400
	16QAM	874.00 + 889.00	36.85	10.865	45.56	35.98	
	64QAM	874.00 + 889.00	36.18	10.865	44.90	30.87	
	256QAM	874.00 + 889.00	36.23	10.865	44.95	31.24	
1	QPSK	874.00 + 889.00	36.10	10.865	44.82	30.31	
	16QAM	874.00 + 889.00	36.55	10.865	45.26	33.61	
	64QAM	874.00 + 889.00	35.89	10.865	44.61	28.90	
	256QAM	874.00 + 889.00	36.33	10.865	45.04	31.92	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 889.00	61.81	69.59	59.77	63.16	400

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 889.00	34.23	10.865	42.94	19.68	400
	16QAM	874.00 + 889.00	34.60	10.865	43.31	21.44	
	64QAM	874.00 + 889.00	33.91	10.865	42.63	18.31	
	256QAM	874.00 + 889.00	33.65	10.865	42.37	17.24	
1	QPSK	874.00 + 889.00	34.44	10.865	43.15	20.68	
	16QAM	874.00 + 889.00	34.40	10.865	43.11	20.47	
	64QAM	874.00 + 889.00	33.97	10.865	42.68	18.54	
	256QAM	874.00 + 889.00	33.64	10.865	42.35	17.18	
2	QPSK	874.00 + 889.00	33.82	10.865	42.54	17.95	
	16QAM	874.00 + 889.00	34.18	10.865	42.90	19.48	
	64QAM	874.00 + 889.00	33.67	10.865	42.38	17.30	
	256QAM	874.00 + 889.00	33.77	10.865	42.49	17.73	
3	QPSK	874.00 + 889.00	33.83	10.865	42.55	17.97	
	16QAM	874.00 + 889.00	34.02	10.865	42.73	18.76	
	64QAM	874.00 + 889.00	33.60	10.865	42.31	17.02	
	256QAM	874.00 + 889.00	33.87	10.865	42.58	18.12	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 889.00	76.28	80.14	71.18	70.27	400

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	871.50 + 891.50	37.11	10.865	45.82	38.21	400
	16QAM	871.50 + 891.50	37.50	10.865	46.22	41.87	
	64QAM	871.50 + 891.50	37.22	10.865	45.93	39.20	
	256QAM	871.50 + 891.50	37.25	10.865	45.96	39.46	
1	QPSK	871.50 + 891.50	37.39	10.865	46.11	40.83	
	16QAM	871.50 + 891.50	37.52	10.865	46.24	42.04	
	64QAM	871.50 + 891.50	37.20	10.865	45.91	39.01	
	256QAM	871.50 + 891.50	37.16	10.865	45.88	38.69	
2	QPSK	871.50 + 891.50	36.72	10.865	45.43	34.93	
	16QAM	871.50 + 891.50	37.10	10.865	45.81	38.12	
	64QAM	871.50 + 891.50	36.73	10.865	45.45	35.04	
	256QAM	871.50 + 891.50	36.84	10.865	45.55	35.90	
3	QPSK	871.50 + 891.50	36.97	10.865	45.69	37.03	
	16QAM	871.50 + 891.50	36.99	10.865	45.70	37.19	
	64QAM	871.50 + 891.50	36.86	10.865	45.57	36.10	
	256QAM	871.50 + 891.50	36.63	10.865	45.34	34.20	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
871.50 + 891.50	151.00	159.23	149.34	148.26	400

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 889.00	33.99	10.865	42.71	18.65	400
	16QAM	874.00 + 889.00	34.84	10.865	43.56	22.68	
	64QAM	874.00 + 889.00	34.19	10.865	42.91	19.52	
	256QAM	874.00 + 889.00	34.27	10.865	42.99	19.90	
1	QPSK	874.00 + 889.00	34.11	10.865	42.82	19.16	
	16QAM	874.00 + 889.00	35.32	10.865	44.03	25.30	
	64QAM	874.00 + 889.00	34.27	10.865	42.98	19.87	
	256QAM	874.00 + 889.00	34.19	10.865	42.90	19.50	
2	QPSK	874.00 + 889.00	33.64	10.865	42.36	17.21	
	16QAM	874.00 + 889.00	34.56	10.865	43.28	21.28	
	64QAM	874.00 + 889.00	33.85	10.865	42.57	18.07	
	256QAM	874.00 + 889.00	33.77	10.865	42.49	17.74	
3	QPSK	874.00 + 889.00	33.62	10.865	42.33	17.11	
	16QAM	874.00 + 889.00	34.27	10.865	42.98	19.87	
	64QAM	874.00 + 889.00	33.70	10.865	42.42	17.44	
	256QAM	874.00 + 889.00	33.69	10.865	42.40	17.40	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 889.00	72.13	89.13	74.90	74.54	400

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 891.50	35.25	10.865	43.97	24.94	400
	16QAM	874.00 + 891.50	35.51	10.865	44.22	26.43	
	64QAM	874.00 + 891.50	35.43	10.865	44.14	25.96	
	256QAM	874.00 + 891.50	35.02	10.865	43.73	23.63	
1	QPSK	874.00 + 891.50	35.63	10.865	44.34	27.18	
	16QAM	874.00 + 891.50	35.90	10.865	44.61	28.93	
	64QAM	874.00 + 891.50	35.40	10.865	44.12	25.81	
	256QAM	874.00 + 891.50	35.37	10.865	44.08	25.59	
2	QPSK	874.00 + 891.50	35.46	10.865	44.17	26.15	
	16QAM	874.00 + 891.50	35.26	10.865	43.98	24.99	
	64QAM	874.00 + 891.50	35.23	10.865	43.95	24.82	
	256QAM	874.00 + 891.50	34.98	10.865	43.69	23.39	
3	QPSK	874.00 + 891.50	35.05	10.865	43.76	23.79	
	16QAM	874.00 + 891.50	35.45	10.865	44.17	26.10	
	64QAM	874.00 + 891.50	35.20	10.865	43.91	24.62	
	256QAM	874.00 + 891.50	35.24	10.865	43.96	24.88	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 891.50	102.06	106.45	101.21	97.49	400

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	871.50 + 891.50	37.25	10.865	45.96	39.48	400
	16QAM	871.50 + 891.50	37.46	10.865	46.18	41.48	
	64QAM	871.50 + 891.50	37.31	10.865	46.03	40.05	
	256QAM	871.50 + 891.50	37.35	10.865	46.06	40.38	
1	QPSK	871.50 + 891.50	37.24	10.865	45.95	39.37	
	16QAM	871.50 + 891.50	37.37	10.865	46.08	40.59	
	64QAM	871.50 + 891.50	37.21	10.865	45.92	39.11	
	256QAM	871.50 + 891.50	37.27	10.865	45.99	39.67	
2	QPSK	871.50 + 891.50	36.96	10.865	45.68	36.96	
	16QAM	871.50 + 891.50	37.20	10.865	45.92	39.06	
	64QAM	871.50 + 891.50	36.96	10.865	45.67	36.93	
	256QAM	871.50 + 891.50	36.89	10.865	45.60	36.32	
3	QPSK	871.50 + 891.50	37.22	10.865	45.93	39.20	
	16QAM	871.50 + 891.50	37.61	10.865	46.32	42.86	
	64QAM	871.50 + 891.50	37.21	10.865	45.92	39.08	
	256QAM	871.50 + 891.50	37.24	10.865	45.95	39.36	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
871.50 + 891.50	155.00	163.99	155.18	155.74	400

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 891.50	35.70	10.865	44.41	27.61	400
	16QAM	874.00 + 891.50	35.72	10.865	44.44	27.78	
	64QAM	874.00 + 891.50	35.54	10.865	44.25	26.61	
	256QAM	874.00 + 891.50	35.46	10.865	44.17	26.14	
1	QPSK	874.00 + 891.50	35.36	10.865	44.08	25.56	
	16QAM	874.00 + 891.50	35.95	10.865	44.66	29.27	
	64QAM	874.00 + 891.50	35.34	10.865	44.06	25.45	
	256QAM	874.00 + 891.50	35.59	10.865	44.31	26.97	
2	QPSK	874.00 + 891.50	35.41	10.865	44.13	25.86	
	16QAM	874.00 + 891.50	35.52	10.865	44.23	26.49	
	64QAM	874.00 + 891.50	35.23	10.865	43.94	24.78	
	256QAM	874.00 + 891.50	35.38	10.865	44.10	25.69	
3	QPSK	874.00 + 891.50	35.40	10.865	44.12	25.80	
	16QAM	874.00 + 891.50	35.66	10.865	44.37	27.37	
	64QAM	874.00 + 891.50	35.50	10.865	44.22	26.40	
	256QAM	874.00 + 891.50	35.51	10.865	44.22	26.45	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 891.50	104.83	110.91	103.25	105.25	400

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	874.00 + 889.00	34.28	10.865	42.99	19.91	400
	16QAM	874.00 + 889.00	34.67	10.865	43.39	21.81	
	64QAM	874.00 + 889.00	34.24	10.865	42.96	19.75	
	256QAM	874.00 + 889.00	34.24	10.865	42.96	19.76	
1	QPSK	874.00 + 889.00	34.00	10.865	42.72	18.71	
	16QAM	874.00 + 889.00	34.53	10.865	43.24	21.10	
	64QAM	874.00 + 889.00	34.22	10.865	42.93	19.65	
	256QAM	874.00 + 889.00	34.17	10.865	42.88	19.42	
2	QPSK	874.00 + 889.00	33.78	10.865	42.50	17.78	
	16QAM	874.00 + 889.00	34.49	10.865	43.20	20.90	
	64QAM	874.00 + 889.00	33.91	10.865	42.63	18.32	
	256QAM	874.00 + 889.00	33.89	10.865	42.61	18.23	
3	QPSK	874.00 + 889.00	34.11	10.865	42.83	19.17	
	16QAM	874.00 + 889.00	34.69	10.865	43.41	21.92	
	64QAM	874.00 + 889.00	34.07	10.865	42.78	18.99	
	256QAM	874.00 + 889.00	33.95	10.865	42.67	18.48	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
874.00 + 889.00	75.57	85.74	76.70	75.89	400

(2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	876.50 + 891.50	36.07	10.865	44.79	30.11	400
	16QAM	876.50 + 891.50	36.06	10.865	44.77	29.99	
	64QAM	876.50 + 891.50	36.06	10.865	44.78	30.04	
	256QAM	876.50 + 891.50	35.91	10.865	44.63	29.03	
1	QPSK	876.50 + 891.50	35.92	10.865	44.64	29.08	
	16QAM	876.50 + 891.50	36.49	10.865	45.20	33.14	
	64QAM	876.50 + 891.50	36.01	10.865	44.72	29.67	
	256QAM	876.50 + 891.50	35.96	10.865	44.68	29.36	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50 + 891.50	59.21	63.15	59.72	58.40	400

(2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	876.50 + 891.50	35.95	10.865	44.66	29.27	400
	16QAM	876.50 + 891.50	36.26	10.865	44.98	31.45	
	64QAM	876.50 + 891.50	35.93	10.865	44.65	29.17	
	256QAM	876.50 + 891.50	35.98	10.865	44.70	29.49	
1	QPSK	876.50 + 891.50	35.89	10.865	44.60	28.87	
	16QAM	876.50 + 891.50	36.25	10.865	44.96	31.36	
	64QAM	876.50 + 891.50	35.89	10.865	44.60	28.85	
	256QAM	876.50 + 891.50	35.88	10.865	44.59	28.78	

Sum Data of Port 0 and Port 1

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50 + 891.50	58.14	62.80	58.02	58.27	400

(4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	876.50 + 891.50	33.95	10.865	42.66	18.46	400
	16QAM	876.50 + 891.50	34.06	10.865	42.77	18.93	
	64QAM	876.50 + 891.50	34.01	10.865	42.73	18.73	
	256QAM	876.50 + 891.50	34.01	10.865	42.73	18.74	
1	QPSK	876.50 + 891.50	34.09	10.865	42.80	19.06	
	16QAM	876.50 + 891.50	34.19	10.865	42.90	19.51	
	64QAM	876.50 + 891.50	34.24	10.865	42.95	19.73	
	256QAM	876.50 + 891.50	34.17	10.865	42.88	19.43	
2	QPSK	876.50 + 891.50	33.73	10.865	42.44	17.55	
	16QAM	876.50 + 891.50	33.93	10.865	42.64	18.37	
	64QAM	876.50 + 891.50	33.88	10.865	42.59	18.17	
	256QAM	876.50 + 891.50	34.04	10.865	42.75	18.84	
3	QPSK	876.50 + 891.50	33.88	10.865	42.59	18.17	
	16QAM	876.50 + 891.50	33.96	10.865	42.67	18.51	
	64QAM	876.50 + 891.50	34.09	10.865	42.80	19.07	
	256QAM	876.50 + 891.50	33.82	10.865	42.54	17.94	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50 + 891.50	73.23	75.32	75.69	74.96	400

(4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

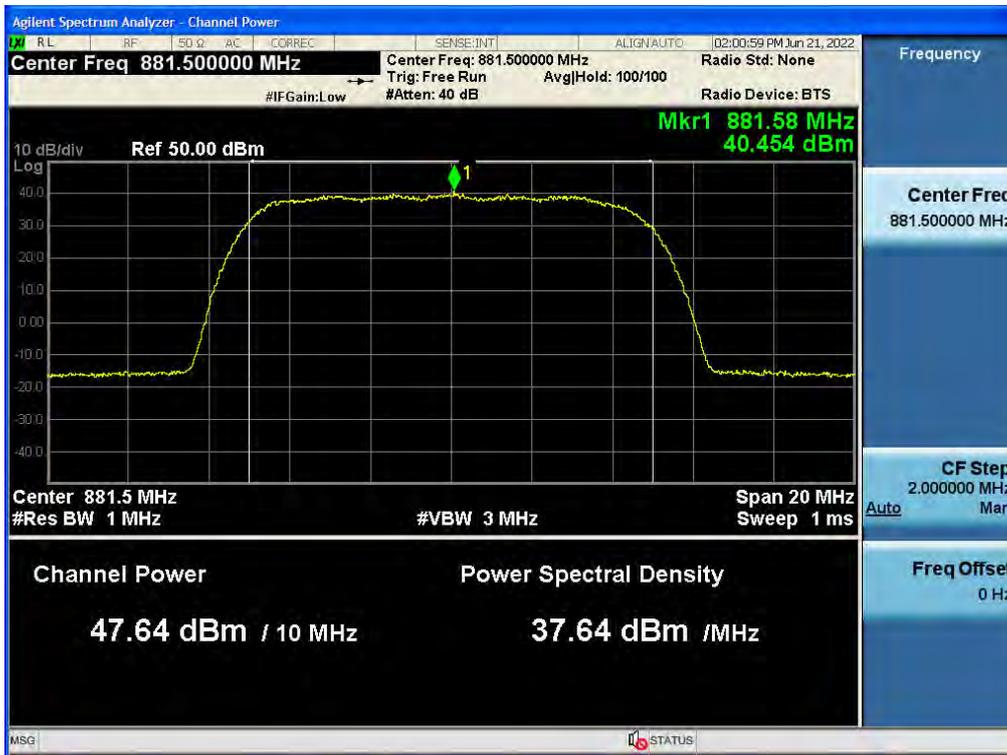
Ant.	Mod	Frequency (MHz)	Measured Value (dBm/MHz)	Maximum Directional Gain (dBi)	E.R.P. (dBm/MHz)	Calculated (W/MHz)	Limit (W/MHz)
0	QPSK	876.50 + 891.50	34.17	10.865	42.89	19.45	400
	16QAM	876.50 + 891.50	33.95	10.865	42.66	18.46	
	64QAM	876.50 + 891.50	34.09	10.865	42.80	19.07	
	256QAM	876.50 + 891.50	33.86	10.865	42.58	18.11	
1	QPSK	876.50 + 891.50	34.22	10.865	42.94	19.67	
	16QAM	876.50 + 891.50	34.11	10.865	42.82	19.16	
	64QAM	876.50 + 891.50	34.17	10.865	42.88	19.41	
	256QAM	876.50 + 891.50	34.28	10.865	43.00	19.93	
2	QPSK	876.50 + 891.50	33.94	10.865	42.66	18.45	
	16QAM	876.50 + 891.50	33.96	10.865	42.67	18.50	
	64QAM	876.50 + 891.50	33.90	10.865	42.62	18.26	
	256QAM	876.50 + 891.50	34.00	10.865	42.72	18.69	
3	QPSK	876.50 + 891.50	33.97	10.865	42.68	18.55	
	16QAM	876.50 + 891.50	34.12	10.865	42.83	19.20	
	64QAM	876.50 + 891.50	33.91	10.865	42.63	18.31	
	256QAM	876.50 + 891.50	34.00	10.865	42.72	18.69	

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

Frequency (MHz)	PSD				Limit
	QPSK	16QAM	64QAM	256QAM	
	W/MHz				
876.50 + 891.50	76.12	75.33	75.06	75.43	400

Plot Data of PSD

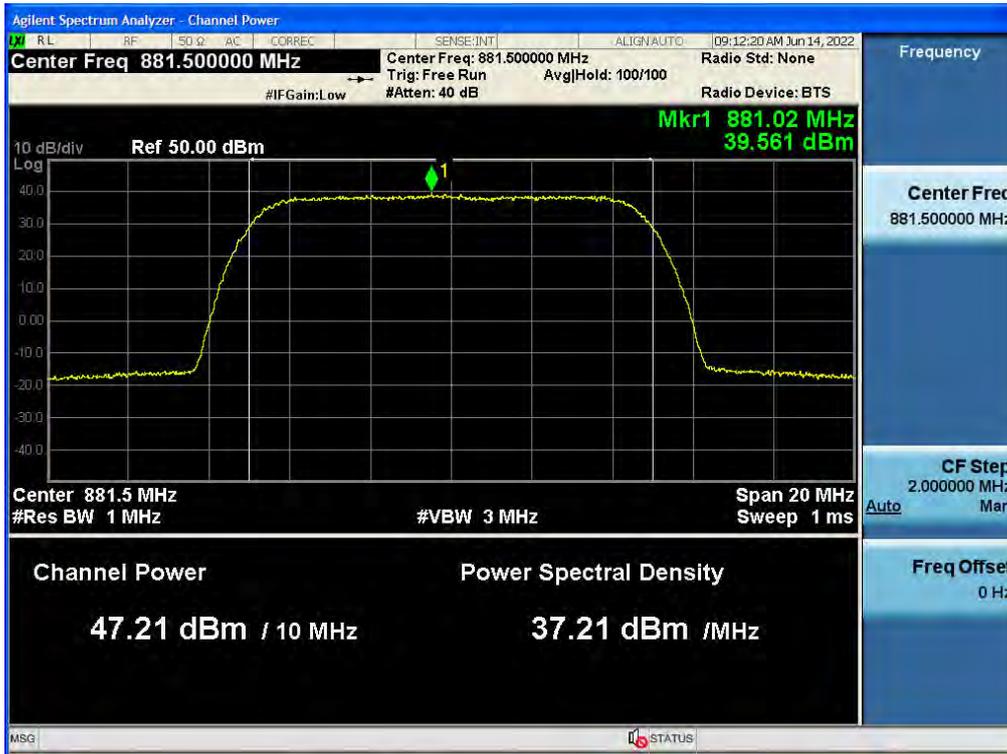
Antenna 0 / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 16QAM / Middle



Antenna 1 / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 16QAM / High



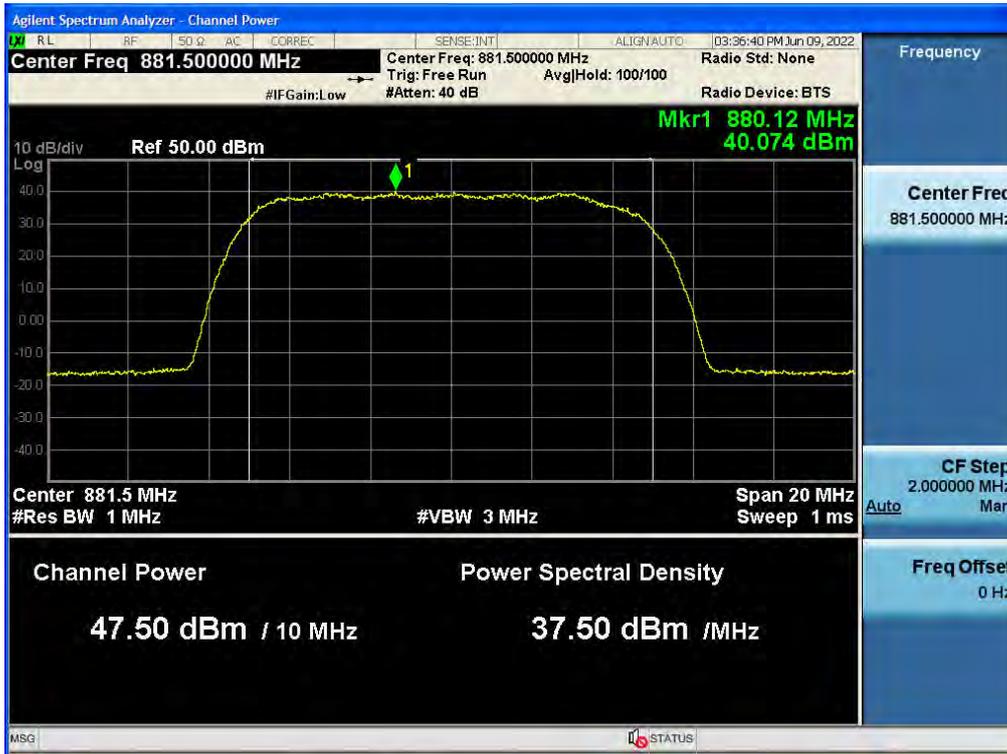
Antenna 1 / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 16QAM / Middle



Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / High



Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier / 16QAM / Middle



Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low



Antenna 1 / (2 Port)LTE B13 5 MHz 1 Carrier / 256QAM / Low



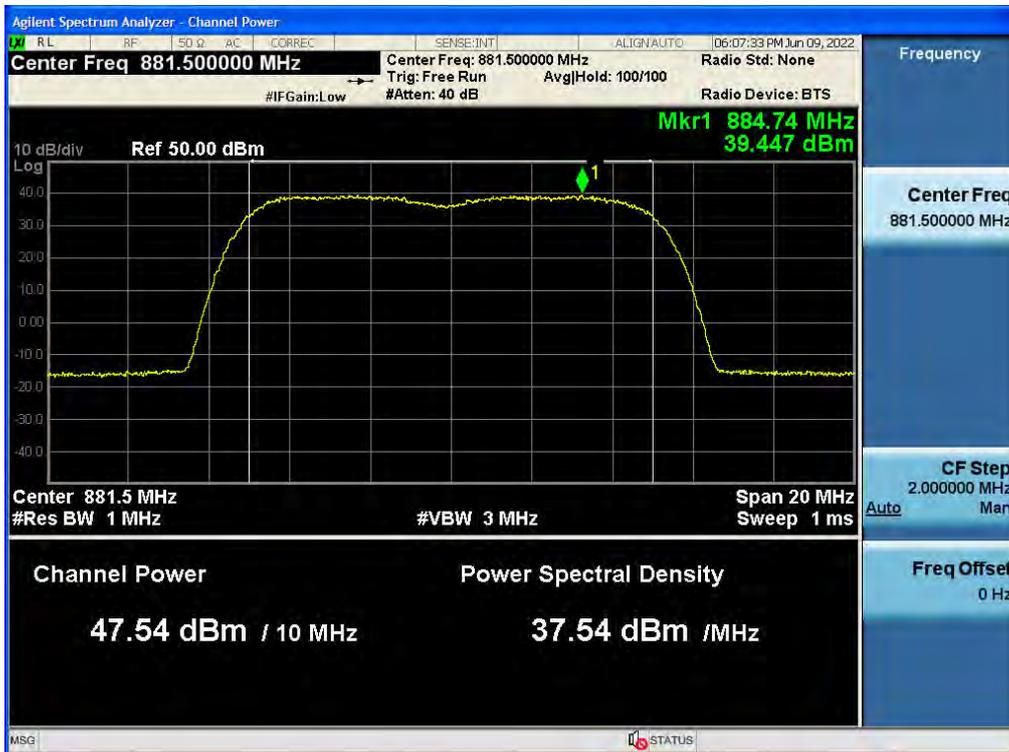
Antenna 2 / (4 Port)LTE B13 5 MHz 1 Carrier / 64QAM / Low



Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



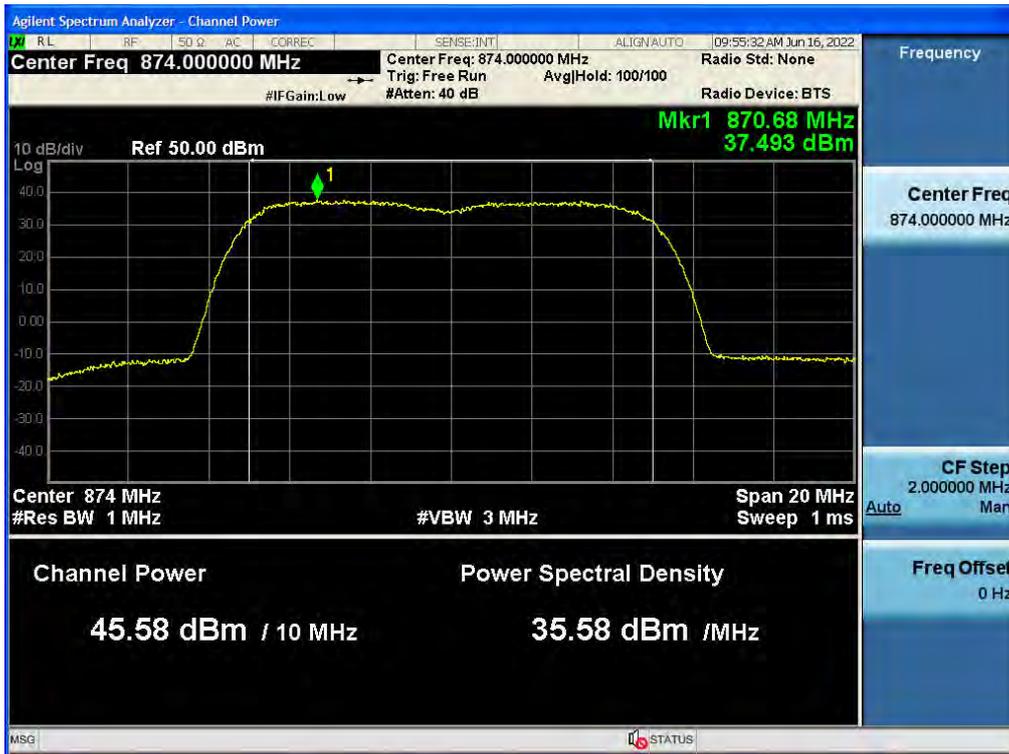
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



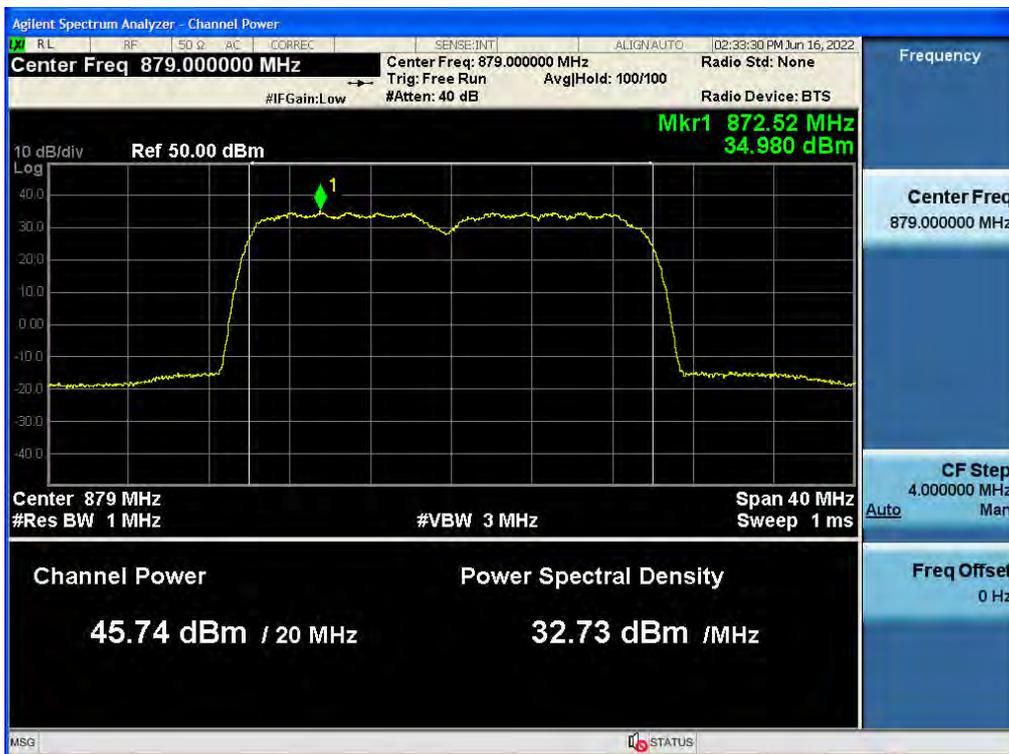
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High

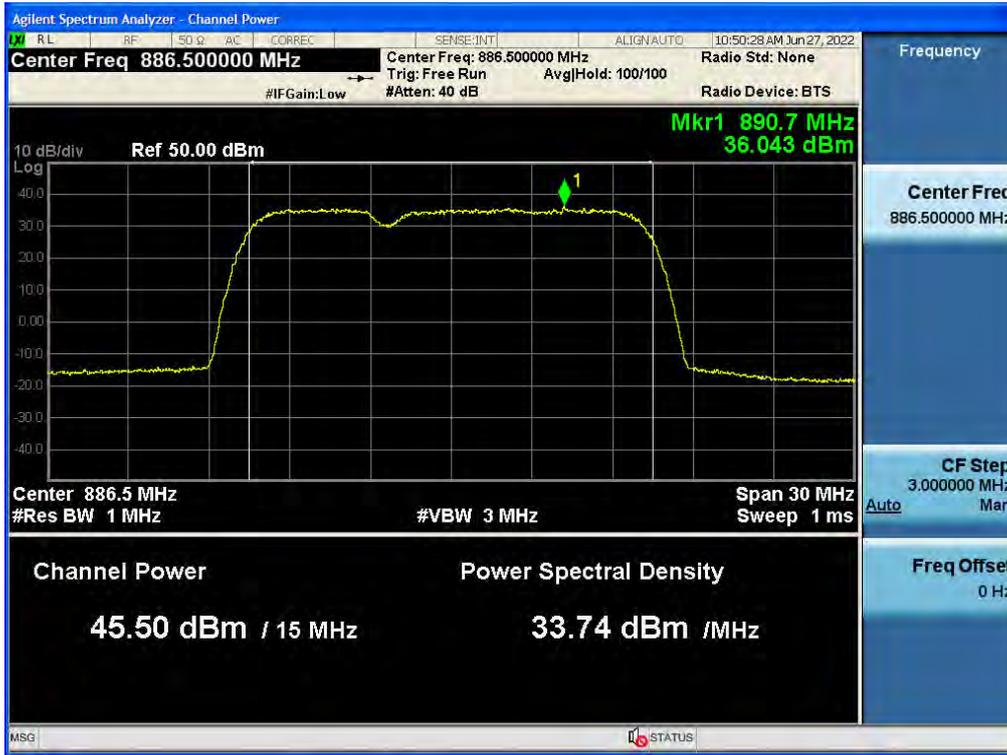


Antenna 1 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low

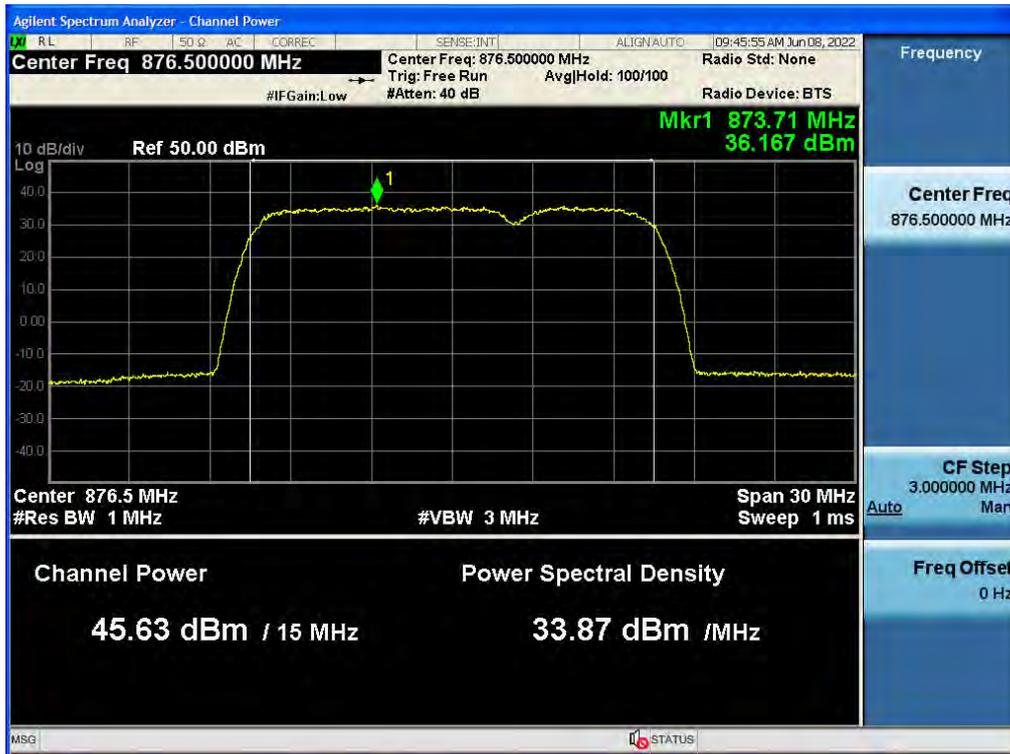


Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High

Antenna 1 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low


Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low

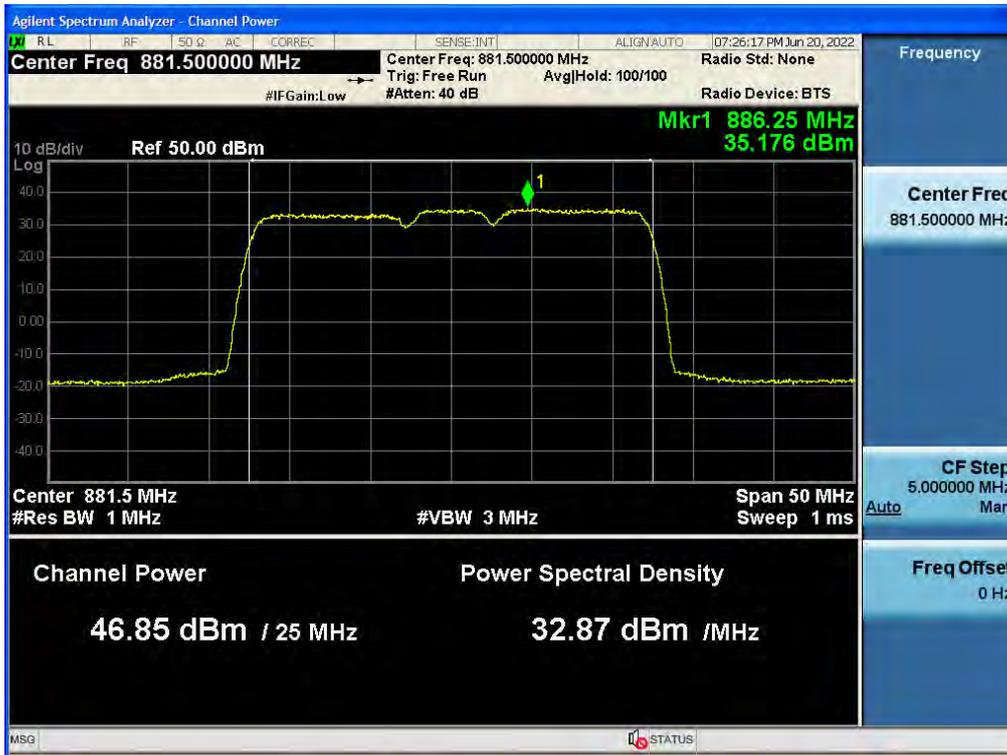
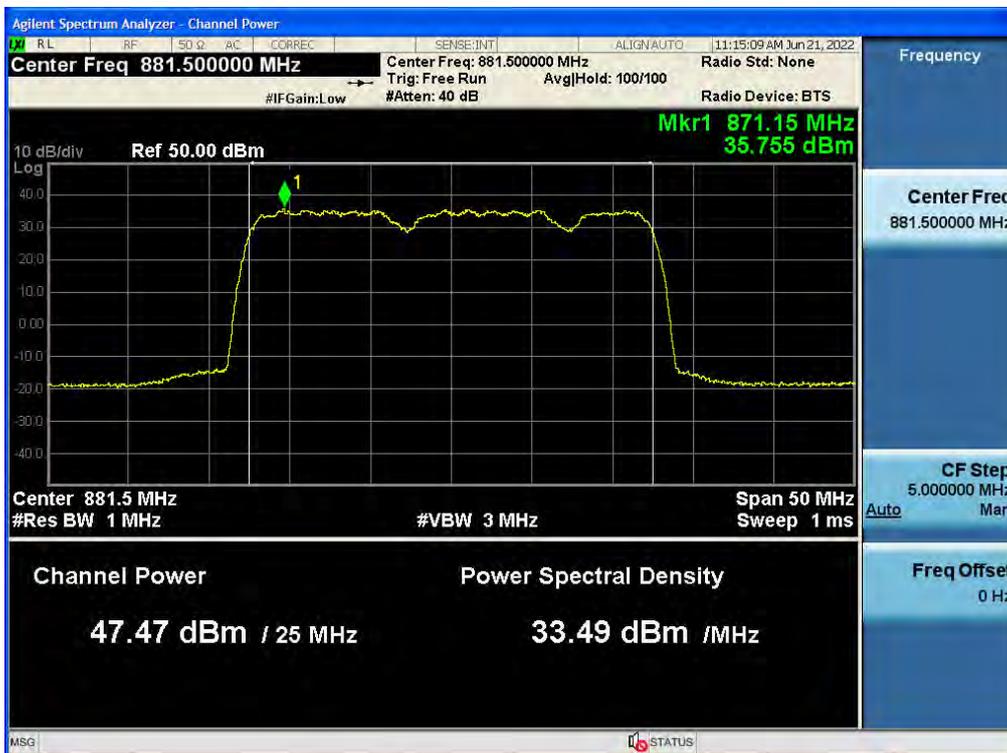


Antenna 0 / (2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Middle

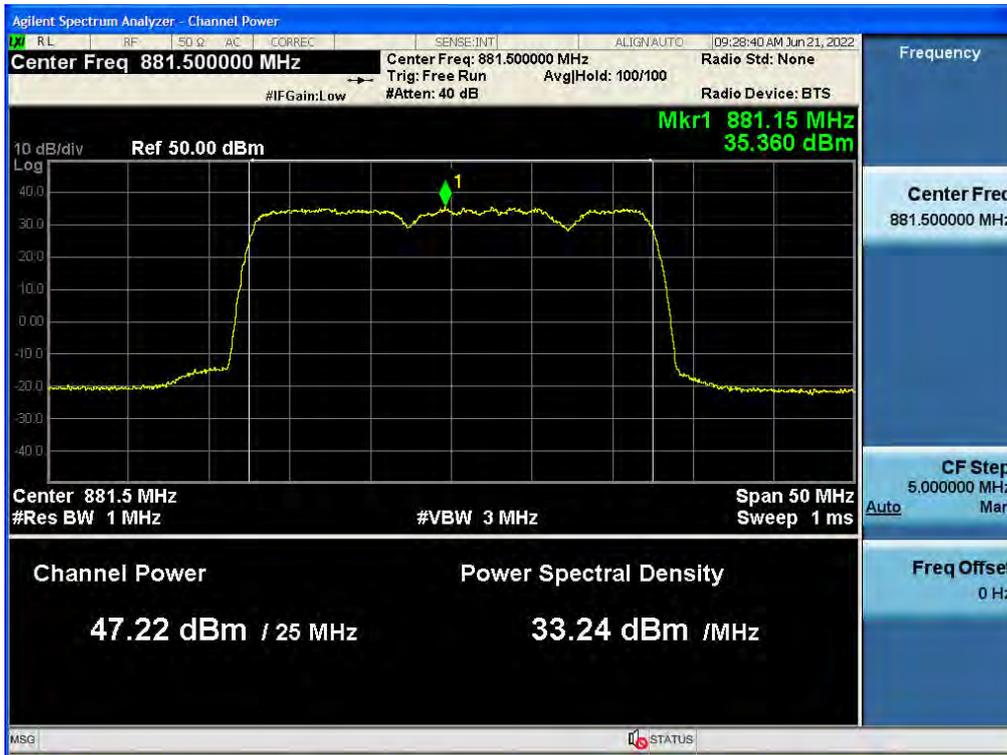


Antenna 1 / (4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle

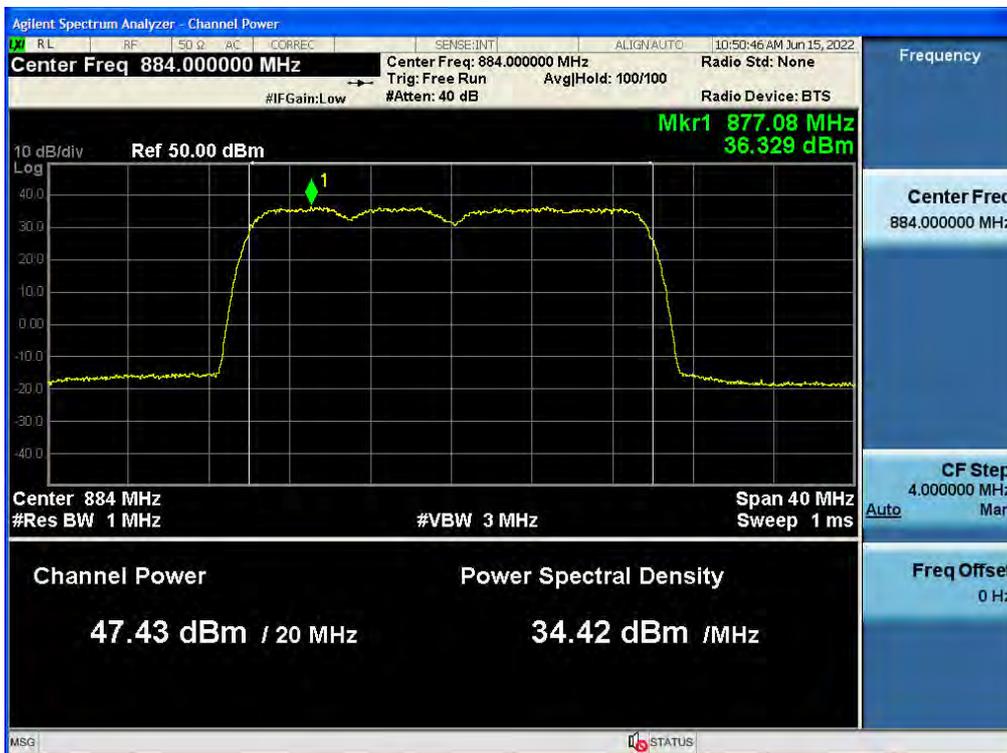


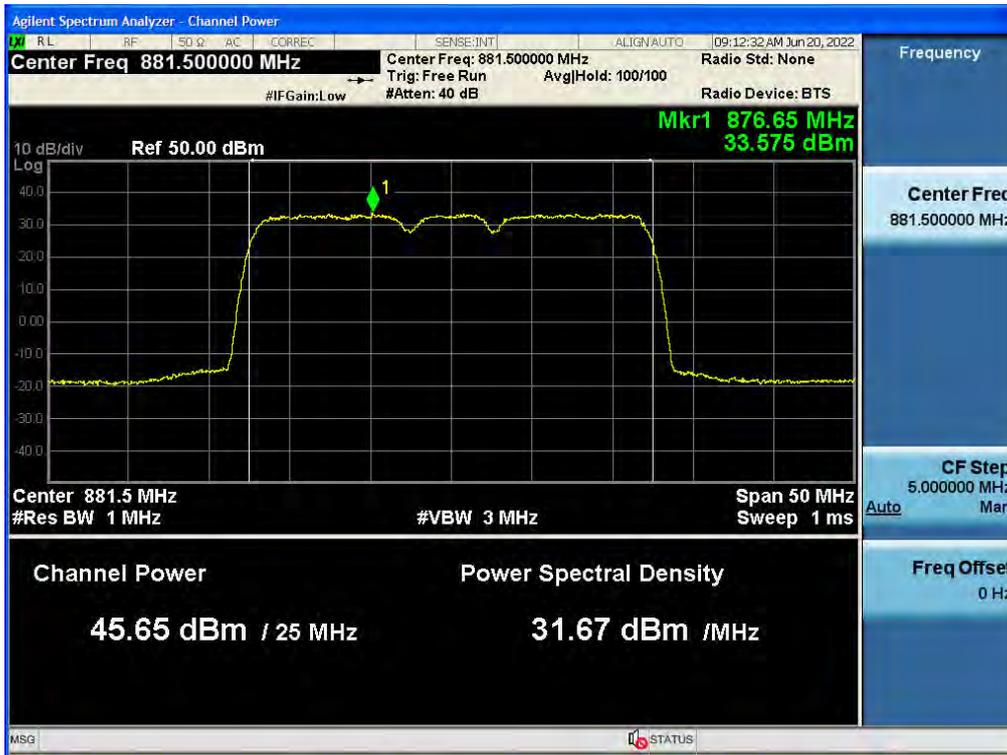
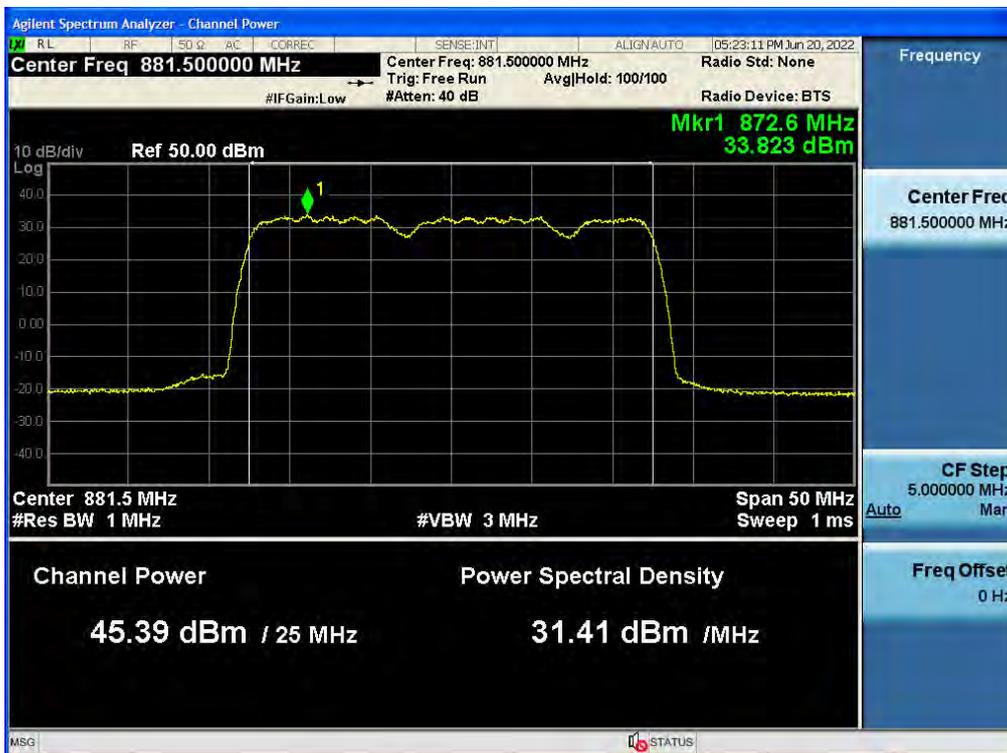
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / Middle

Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle


Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle

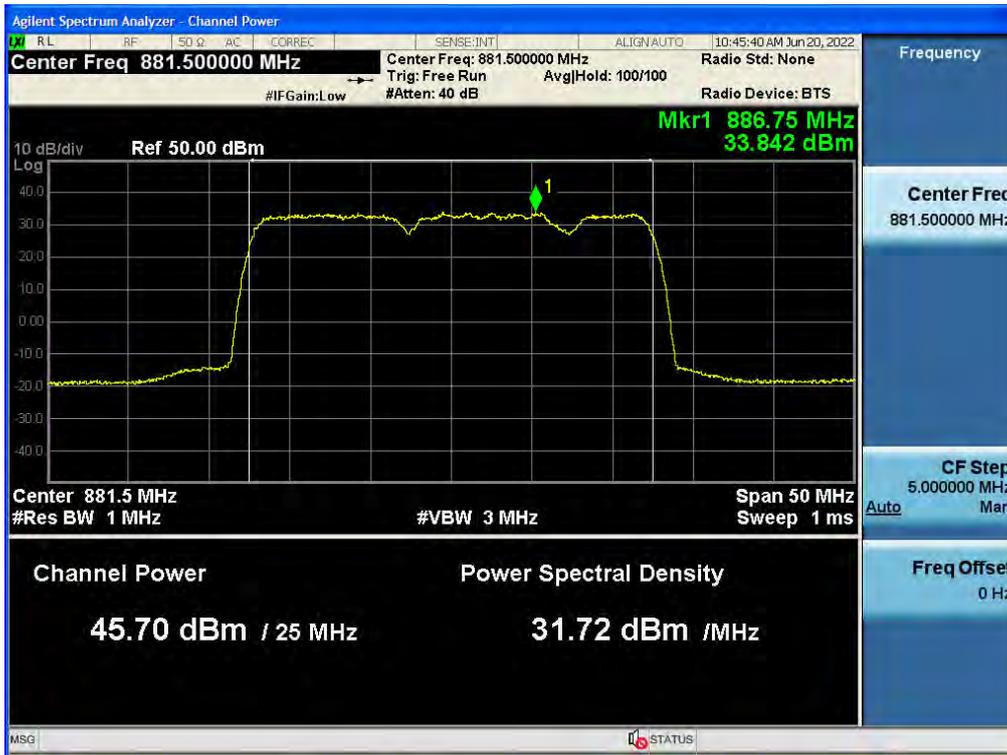


Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / High



Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle

Antenna 1 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle


Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle



Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Low

