

FCC Test Report

(Part 22&24&27)

Product Name : DCM (Data Communication Module)

Model No : 5-104348-192

FCC ID : H8NCDD6020

Applicant : ASKEY COMPUTER CORP.

Address : 10F, NO.119, JIANKANG RD., ZHONGHE DIST.,
NEW TAIPEI CITY 23585

Date of Receipt : 2017/10/13

Issued Date : 2017/11/23

Report No. : 17A0157R-HPUSP35V00

Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

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Test Report

Issued Date : 2017/11/23

Report No.: 17A0157R-HPUSP35V00



Product Name : DCM (Data Communication Module)
Applicant : ASKEY COMPUTER CORP.
Address : 10F, NO.119, JIANKANG RD., ZHONGHE DIST., NEW TAIPEI CITY 23585
Manufacturer : ASKEY COMPUTER CORP.
Trade Name : DENSO CORPORATION
Model No. : 5-104348-192
EUT Rated Voltage : DC 12V
EUT Test Voltage : DC 12V
Measurement Standard : FCC CFR Title 47 Part 2 22 24 27
Measurement Reference : TIA/EIA 603-E 2016
KDB 971168 D01V03
ANSI C63.26 2015
Test Result : Complied

Documented By : Anny Chou
(Senior Adm. Specialist / Anny Chou)

Tested By : Vorana Chen
(Senior Engineer / Vorana Chen)

Approved By : 
(Director / Vincent Lin)

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	DCM (Data Communication Module)
Model No.	5-104348-192
Trade Name	DENSO CORPORATION
IMEI No.	35324409
FCC ID	H8NCDD6020
Modulation	LTE Band 2: QPSK/16-QAM
	LTE Band 4: QPSK/16-QAM
	LTE Band 5: QPSK/16-QAM
	LTE Band 17 : QPSK/16-QAM
	LTE Band 26 : QPSK/16-QAM
	LTE Band 41 : QPSK/16-QAM
TX Frequency	LTE Band 2: 1850~1910MHz
	LTE Band 4: 1710MHz~1755MHz
	LTE Band 5: 824MHz ~849MHz
	LTE Band 17 : 704 MHz~716 MHz
	LTE Band 26 : 824MHz~849MHz
	LTE Band 41: 2496~2690MHz
Rx Frequency	LTE Band 2: 1930~1990MHz
	LTE Band 4: 2110~2155MHz
	LTE Band 5: 869~894MHz
	LTE Band 17 : 734 MHz~746 MHz
	LTE Band 26: 869~894MHz
	LTE Band 41: 2496~2690MHz
Bandwidth	LTE Band 2: 1.4MHz/3MHz/5MHz/10MHz/15MHz/20MHz
	LTE Band 4: 1.4MHz/3MHz/5MHz/10MHz/15MHz/20MHz
	LTE Band 5: 1.4MHz/3MHz/5MHz/10MHz
	LTE Band 17 : 5MHz/10MHz
	LTE Band 26: 1.4MHz/3MHz/5MHz/10MHz/15MHz
	LTE Band 41: 5MHz/10MHz/15MHz/20MHz
HW Version	Rev2
SW Version	90-00223-M-00-57-00-DV-102717
Antenna Type	Multi Band Dipole Antenna Sentinel 3in1 Adhesive Mount 2*LTE MIMO & GNSS Antenna

1.2. Antenna List

No.	Manufacturer	Part No.	Peak Gain
1	STAF	N/A (WWAN Main or Aux)	2.56 dBi for 746-960 MHz 3.32 dBi for 1575.42-2170 MHz 2.69 dBi for 2496-2690 MHz
2	taoglas	MA250.A.LBI.001 (WWAN Main or Aux MIMO-1 Cable 3m)	0.42 dBi for 698-803 MHz 0.99 dBi for 824-894 MHz 3.29 dBi for 1710-1880 MHz 3.29 dBi for 1850-1990 MHz 2.35 dBi for 2490-2690 MHz
		MA250.A.LBI.001 (WWAN Main or Aux MIMO-2 Cable 3m)	2.95 dBi for 698-803 MHz 0.44 dBi for 824-894 MHz 3.23 dBi for 1710-1880 MHz 1.77 dBi for 1850-1990 MHz 2.37 dBi for 2490-2690 MHz

Note: Each antenna has been evaluated and only the worst case (higher gain antenna) is presented in the report.

1.3. Operational Description

The information contained within this report is intended to show verification of compliance of the 700/850/1700/1900/2500MHz to the requirements of FCC 47 CFR Part 2, 22, 24 and 27.

The EUT provide all functions described as above. The EUT is tested with maximum rated TX power via the Base Station simulator.

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined

as:

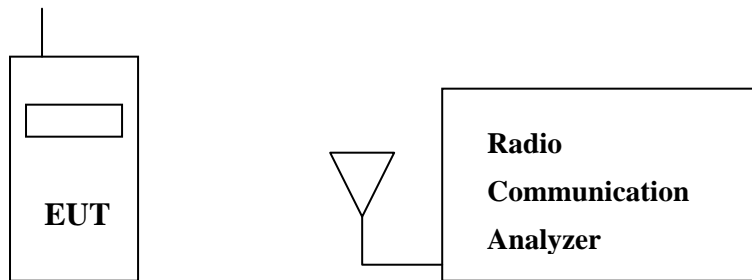
Test Mode:	LTE Band 2 (1.4M)-QPSK/16QAM
	LTE Band 2 (3M)-QPSK/16QAM
	LTE Band 2 (5M)-QPSK/16QAM
	LTE Band 2 (10M)-QPSK/16QAM
	LTE Band 2 (15M)-QPSK/16QAM
	LTE Band 2 (20M)-QPSK/16QAM
	LTE Band 4 (1.4M)-QPSK/16QAM
	LTE Band 4 (3M)-QPSK/16QAM
	LTE Band 4 (5M)-QPSK/16QAM
	LTE Band 4 (10M)-QPSK/16QAM
	LTE Band 4 (15M)-QPSK/16QAM
	LTE Band 4 (20M)-QPSK/16QAM
	LTE Band 5 (1.4M)-QPSK/16QAM
	LTE Band 5 (3M)-QPSK/16QAM
	LTE Band 5 (5M)-QPSK/16QAM
	LTE Band 5 (10M)-QPSK/16QAM
	LTE Band 17 (5M)-QPSK/16QAM
	LTE Band 17 (10M)-QPSK/16QAM
	LTE Band 26 (1.4M)-QPSK/16QAM
	LTE Band 26 (3M)-QPSK/16QAM
	LTE Band 26 (5M)-QPSK/16QAM
	LTE Band 26 (10M)-QPSK/16QAM
	LTE Band 26 (15M)-QPSK/16QAM
	LTE Band 41 (5M)-QPSK/16QAM
LTE Band 41 (10M)-QPSK/16QAM	
LTE Band 41 (15M)-QPSK/16QAM	
LTE Band 41 (20M)-QPSK/16QAM	

Note :

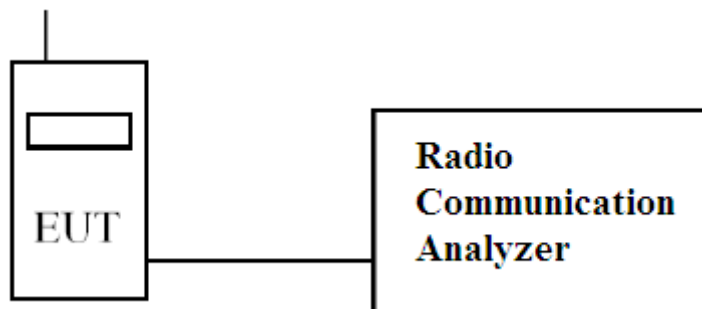
The maximum power levels are chosen in the LTE Band 2/4/5/17/26/41, only these modes were used for all tests.

1.4. Configuration of tested System

(a) Configuration of Radiated measurement



(b) Configuration of Conducted measurement



1.5. EUT Setup Procedures

- (1) Setup the EUT and simulators as shown on 1.3
- (2) Turn on the power of all equipments.
- (3) The EUT was set to communicate with MT8820C.
- (4) Repeat the above procedure (3).

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	23.1
Humidity (%RH)	25-75	52
Barometric pressure (mbar)	860-1060	988

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

<http://www.dekra.com.tw/english/about/certificates.aspx?bval=5>

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: http://www.dekra.com.tw/index_en.aspx

Site Description: File on

Federal Communications Commission

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E-Mail : info.tw@dekra.com

FCC Accreditation Number: TW3023

1.7. Type of Emission

Band	Bandwidth (MHz)	Modulation	
		QPSK	16QAM
2	1.4	1M09G7D	1M09W7D
2	3	2M73G7D	2M72W7D
2	5	4M50G7D	4M48W7D
2	10	9M03G7D	9M03W7D
2	15	13M4G7D	13M4W7D
2	20	18M5G7D	18M4W7D
4	1.4	1M10G7D	1M09W7D
4	3	2M73G7D	2M72W7D
4	5	4M50G7D	4M48W7D
4	10	9M02G7D	9M02W7D
4	15	13M4G7D	13M4W7D
4	20	18M4G7D	18M4W7D
5	1.4	1M10G7D	1M09W7D
5	3	2M73G7D	2M72W7D
5	5	4M50G7D	4M48W7D
5	10	9M02G7D	9M02W7D
17	5	4M51G7D	4M49W7D
17	10	9M06G7D	9M05W7D
26	1.4	1M10G7D	1M09W7D
26	3	2M73G7D	2M72W7D
26	5	4M50G7D	4M47W7D
26	10	9M02G7D	9M01W7D
26	15	13M4G7D	13M4W7D
41	5	4M49G7D	4M48W7D
41	10	9M02G7D	9M03W7D
41	15	13M4G7D	13M4W7D
41	20	18M5G7D	18M5W7D

2. Technical Test

2.1. Summary of test result

FCC Standard	Test Item	Result	Note
2.1046	Conducted Output Power	Pass	
22.913(a)			
24.232(c)			
27.50 (c, d, h)			
2.1049	Occupied Bandwidth	Pass	
22.917(a)			
24.238(b)			
27.53 (g, h, m)			
2.1051	Spurious Emission at Antenna Terminals	Pass	
22.917(a)			
24.238(a)			
27.53 (g, h, m)			
2.1051	Conducted Emission	Pass	
22.917(a)			
24.238(a)			
27.53 (g, h, m)			
2.1053	Field Strength of Spurious Radiation	Pass	
22.917(a)			
24.238(a)			
27.53 (g, h, m)			
2.1055	Frequency Stability for Temperature & Voltage	Pass	
22.355			
24.235			
27.54			
22.913 (d)	Peak to Average Ratio	Pass	
24.232 (d)			
27.50			

2.2. List of test Equipment

Conducted /CTR

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030495	2017/10/13
Directional coupler	Agilent	87300C	MY44300353	2017/11/30
Directional coupler	Agilent	778D-012	50550	2016/12/08
Standard Temperature & Humidity Chamber	WIT	TH-1S-B	EQ-201-00146	2016/11/28
DC power supply	Agilent	E3610A	MY40009845	2017/07/14
Communication Tester	Agilent	MT8820C	6201465467	2017/07/10

Radiated / Site3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2707	2017/06/29
Horn Antenna	R&S	9120D	867	2017/04/28
Pre-Amplifier	Agilent	87405C	MY55380068	2017/08/08
Spectrum Analyzer	Agilent	N9010A	MY54510357	2017/04/26
DC power supply	Agilent	E3610A	MY40009845	2017/07/14
Communication Tester	Agilent	MT8820C	6201465467	2017/07/10

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty of confidence of 95% is evaluated as ± 1.52 dB

Radiated Emission (Below 1GHz)

The measurement uncertainty of confidence of 95% is evaluated as ± 3.44 dB .

Radiated Emission (Above 1GHz)

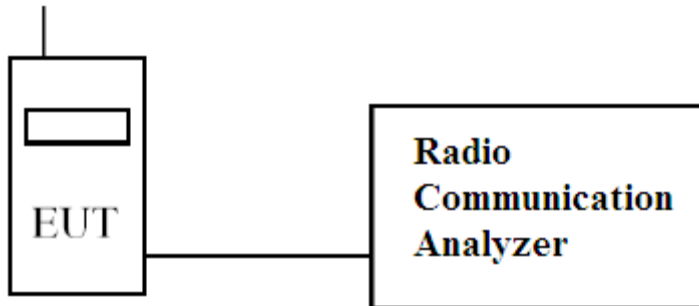
The measurement uncertainty of confidence of 95% is evaluated as ± 4.08 dB

3. Conducted Output Power Measurement

3.1. Test Specification

According to FCC Part 2.1046, 22.913, 24.232, 27.50

3.2. Test Setup



3.3. Limits

Band	Limit
LTE Band 2/1900	<2W
LTE Band 4/1700	<1W
LTE Band 5/850	<7W
LTE Band 17/700	<3W
LTE Band 26/850	<7W
LTE Band 41/2500	<2W

3.4. Test Procedure

The EUT is tested with maximum rated TX power via the Base Station simulator, and the output power was measured at the antenna terminals of the EUT.

3.5. Test Result of Maximum Power Output

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (dBm)	Max Power (W)
Band 2 (1900MHz)/1.4MHz	18607 1850.7MHz	QPSK	1	#0	0	23.42	0.2198
			1	#Mid	0	23.42	0.2198
			1	#Max	0	23.12	0.2051
			50%	#0	1	23.32	0.2148
			50%	#Mid	1	23.43	0.2203
			50%	#Max	1	23.47	0.2223
			100%	--	1	22.36	0.1722
		16QAM	1	#0	1	22.23	0.1671
			1	#Mid	1	22.20	0.1660
			1	#Max	1	22.27	0.1687
			50%	#0	2	22.33	0.1710
			50%	#Mid	2	22.33	0.1710
			50%	#Max	2	22.62	0.1828
			100%	--	2	21.41	0.1384
	18900 1880MHz	QPSK	1	#0	0	23.13	0.2056
			1	#Mid	0	23.32	0.2148
			1	#Max	0	23.13	0.2056
			50%	#0	1	23.33	0.2153
			50%	#Mid	1	23.37	0.2173
			50%	#Max	1	23.42	0.2198
			100%	--	1	22.40	0.1738
		16QAM	1	#0	1	22.17	0.1648
			1	#Mid	1	22.12	0.1629
			1	#Max	1	22.22	0.1667
			50%	#0	2	22.29	0.1694
			50%	#Mid	2	22.30	0.1698
			50%	#Max	2	22.16	0.1644
			100%	--	2	21.24	0.1330
	19193 1909.3MHz	QPSK	1	#0	0	23.02	0.2004
			1	#Mid	0	23.18	0.2080
1			#Max	0	23.22	0.2099	
50%			#0	1	23.28	0.2128	
50%			#Mid	1	23.29	0.2133	
50%			#Max	1	23.32	0.2148	
100%			--	1	22.23	0.1671	
16QAM		1	#0	1	22.17	0.1648	
		1	#Mid	1	22.55	0.1799	
		1	#Max	1	22.12	0.1629	
		50%	#0	2	22.18	0.1652	
		50%	#Mid	2	22.59	0.1816	
		50%	#Max	2	22.32	0.1706	
		100%	--	2	21.32	0.1355	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 2 (1900MHz)/3MHz	18615 1851.5MHz	QPSK	1	#0	0	22.99	0.1991
			1	#Mid	0	23.21	0.2094
			1	#Max	0	23.28	0.2128
			50%	#0	1	22.34	0.1714
			50%	#Mid	1	22.46	0.1762
			50%	#Max	1	22.41	0.1742
			100%	--	1	22.36	0.1722
		16QAM	1	#0	1	21.96	0.1570
			1	#Mid	1	22.13	0.1633
			1	#Max	1	22.03	0.1596
			50%	#0	2	21.42	0.1387
			50%	#Mid	2	21.45	0.1396
			50%	#Max	2	21.51	0.1416
			100%	--	2	21.41	0.1384
	18900 1880MHz	QPSK	1	#0	0	23.04	0.2014
			1	#Mid	0	23.45	0.2213
			1	#Max	0	23.27	0.2123
			50%	#0	1	22.39	0.1734
			50%	#Mid	1	22.40	0.1738
			50%	#Max	1	22.45	0.1758
			100%	--	1	22.43	0.1750
		16QAM	1	#0	1	22.01	0.1589
			1	#Mid	1	22.62	0.1828
			1	#Max	1	22.12	0.1629
			50%	#0	2	21.13	0.1297
			50%	#Mid	2	21.11	0.1291
			50%	#Max	2	21.14	0.1300
			100%	--	2	21.27	0.1340
	19185 1908.5MHz	QPSK	1	#0	0	23.06	0.2023
			1	#Mid	0	23.21	0.2094
1			#Max	0	23.18	0.2080	
50%			#0	1	22.34	0.1714	
50%			#Mid	1	22.36	0.1722	
50%			#Max	1	22.35	0.1718	
100%			--	1	22.38	0.1730	
16QAM		1	#0	1	22.10	0.1622	
		1	#Mid	1	21.98	0.1578	
		1	#Max	1	22.59	0.1816	
		50%	#0	2	21.44	0.1393	
		50%	#Mid	2	21.26	0.1337	
		50%	#Max	2	21.32	0.1355	
		100%	--	2	21.24	0.1330	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 2 (1900MHz)/5MHz	18625 1852.5MHz	QPSK	1	#0	0	23.14	0.2061
			1	#Mid	0	23.36	0.2168
			1	#Max	0	23.47	0.2223
			50%	#0	1	22.42	0.1746
			50%	#Mid	1	22.33	0.1710
			50%	#Max	1	22.34	0.1714
			100%	--	1	22.32	0.1706
		16QAM	1	#0	1	21.90	0.1549
			1	#Mid	1	22.32	0.1706
			1	#Max	1	22.08	0.1614
			50%	#0	2	21.36	0.1368
			50%	#Mid	2	21.18	0.1312
			50%	#Max	2	21.39	0.1377
			100%	--	2	21.38	0.1374
	18900 1880MHz	QPSK	1	#0	0	22.81	0.1910
			1	#Mid	0	23.53	0.2254
			1	#Max	0	22.90	0.1950
			50%	#0	1	22.36	0.1722
			50%	#Mid	1	22.34	0.1714
			50%	#Max	1	22.33	0.1710
			100%	--	1	22.39	0.1734
		16QAM	1	#0	1	22.05	0.1603
			1	#Mid	1	22.37	0.1726
			1	#Max	1	21.94	0.1563
			50%	#0	2	21.41	0.1384
			50%	#Mid	2	21.33	0.1358
			50%	#Max	2	21.36	0.1368
			100%	--	2	21.34	0.1361
	19175 1907.5MHz	QPSK	1	#0	0	22.72	0.1871
			1	#Mid	0	23.45	0.2213
			1	#Max	0	22.98	0.1986
			50%	#0	1	22.29	0.1694
			50%	#Mid	1	22.43	0.1750
			50%	#Max	1	22.23	0.1671
			100%	--	1	22.26	0.1683
		16QAM	1	#0	1	21.96	0.1570
			1	#Mid	1	21.75	0.1496
			1	#Max	1	21.98	0.1578
			50%	#0	2	21.23	0.1327
			50%	#Mid	2	21.48	0.1406
			50%	#Max	2	21.38	0.1374
			100%	--	2	21.51	0.1416

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 2 (1900MHz)/10MHz	18650 1855MHz	QPSK	1	#0	0	23.05	0.2018
			1	#Mid	0	23.54	0.2259
			1	#Max	0	23.26	0.2118
			50%	#0	1	22.35	0.1718
			50%	#Mid	1	22.37	0.1726
			50%	#Max	1	22.28	0.1690
			100%	--	1	22.40	0.1738
		16QAM	1	#0	1	22.16	0.1644
			1	#Mid	1	22.37	0.1726
			1	#Max	1	22.17	0.1648
			50%	#0	2	21.39	0.1377
			50%	#Mid	2	21.49	0.1409
			50%	#Max	2	21.20	0.1318
			100%	--	2	21.52	0.1419
	18900 1880MHz	QPSK	1	#0	0	23.02	0.2004
			1	#Mid	0	23.49	0.2234
			1	#Max	0	23.23	0.2104
			50%	#0	1	22.31	0.1702
			50%	#Mid	1	22.39	0.1734
			50%	#Max	1	22.34	0.1714
			100%	--	1	22.37	0.1726
		16QAM	1	#0	1	22.18	0.1652
			1	#Mid	1	22.17	0.1648
			1	#Max	1	22.13	0.1633
			50%	#0	2	21.42	0.1387
			50%	#Mid	2	21.37	0.1371
			50%	#Max	2	21.36	0.1368
			100%	--	2	21.33	0.1358
	19150 1905MHz	QPSK	1	#0	0	22.94	0.1968
			1	#Mid	0	23.10	0.2042
			1	#Max	0	23.31	0.2143
			50%	#0	1	22.38	0.1730
			50%	#Mid	1	22.22	0.1667
50%			#Max	1	22.30	0.1698	
100%			--	1	22.23	0.1671	
16QAM		1	#0	1	22.17	0.1648	
		1	#Mid	1	22.19	0.1656	
		1	#Max	1	21.99	0.1581	
		50%	#0	2	21.47	0.1403	
		50%	#Mid	2	21.44	0.1393	
		50%	#Max	2	21.33	0.1358	
		100%	--	2	21.38	0.1374	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 2 (1900MHz)/15MHz	18675 1857.5MHz	QPSK	1	#0	0	23.32	0.2148
			1	#Mid	0	23.22	0.2099
			1	#Max	0	23.16	0.2070
			50%	#0	1	22.36	0.1722
			50%	#Mid	1	22.26	0.1683
			50%	#Max	1	22.34	0.1714
			100%	--	1	22.39	0.1734
		16QAM	1	#0	1	22.20	0.1660
			1	#Mid	1	22.10	0.1622
			1	#Max	1	22.18	0.1652
			50%	#0	2	21.38	0.1374
			50%	#Mid	2	21.30	0.1349
			50%	#Max	2	21.24	0.1330
			100%	--	2	21.52	0.1419
	18900 1880MHz	QPSK	1	#0	0	23.16	0.2070
			1	#Mid	0	23.30	0.2138
			1	#Max	0	23.24	0.2109
			50%	#0	1	22.43	0.1750
			50%	#Mid	1	22.35	0.1718
			50%	#Max	1	22.37	0.1726
			100%	--	1	22.31	0.1702
		16QAM	1	#0	1	22.18	0.1652
			1	#Mid	1	21.95	0.1567
			1	#Max	1	22.02	0.1592
			50%	#0	2	21.47	0.1403
			50%	#Mid	2	21.20	0.1318
			50%	#Max	2	21.33	0.1358
			100%	--	2	21.36	0.1368
	19125 1902.5MHz	QPSK	1	#0	0	23.02	0.2004
			1	#Mid	0	23.30	0.2138
			1	#Max	0	22.98	0.1986
			50%	#0	1	22.38	0.1730
			50%	#Mid	1	22.28	0.1690
			50%	#Max	1	22.33	0.1710
			100%	--	1	22.35	0.1718
		16QAM	1	#0	1	22.16	0.1644
1			#Mid	1	22.08	0.1614	
1			#Max	1	21.91	0.1552	
50%			#0	2	21.32	0.1355	
50%			#Mid	2	21.32	0.1355	
50%			#Max	2	21.37	0.1371	
100%			--	2	21.29	0.1346	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 2 (1900MHz)/20MHz	18700 1860MHz	QPSK	1	#0	0	23.02	0.2004
			1	#Mid	0	23.45	0.2213
			1	#Max	0	22.91	0.1954
			50%	#0	1	22.43	0.1750
			50%	#Mid	1	22.37	0.1726
			50%	#Max	1	22.33	0.1710
			100%	--	1	22.41	0.1742
		16QAM	1	#0	1	22.19	0.1656
			1	#Mid	1	22.40	0.1738
			1	#Max	1	22.00	0.1585
			50%	#0	2	21.48	0.1406
			50%	#Mid	2	21.37	0.1371
			50%	#Max	2	21.39	0.1377
			100%	--	2	21.46	0.1400
	18900 1880MHz	QPSK	1	#0	0	22.96	0.1977
			1	#Mid	0	23.37	0.2173
			1	#Max	0	23.15	0.2065
			50%	#0	1	22.40	0.1738
			50%	#Mid	1	22.32	0.1706
			50%	#Max	1	22.34	0.1714
			100%	--	1	22.29	0.1694
		16QAM	1	#0	1	22.19	0.1656
			1	#Mid	1	22.31	0.1702
			1	#Max	1	22.01	0.1589
			50%	#0	2	21.54	0.1426
			50%	#Mid	2	21.19	0.1315
			50%	#Max	2	21.39	0.1377
			100%	--	2	21.35	0.1365
	19100 1900MHz	QPSK	1	#0	0	22.91	0.1954
			1	#Mid	0	23.00	0.1995
			1	#Max	0	22.82	0.1914
			50%	#0	1	22.32	0.1706
			50%	#Mid	1	22.26	0.1683
			50%	#Max	1	22.27	0.1687
			100%	--	1	22.30	0.1698
		16QAM	1	#0	1	22.10	0.1622
1			#Mid	1	22.20	0.1660	
1			#Max	1	21.97	0.1574	
50%			#0	2	21.31	0.1352	
50%			#Mid	2	21.33	0.1358	
50%			#Max	2	21.12	0.1294	
100%			--	2	21.23	0.1327	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (dBm)	Max Power (W)
Band 4 (1700MHz)/1.4MHz	19957 1710.7MHz	QPSK	1	#0	0	22.77	0.1892
			1	#Mid	0	22.77	0.1892
			1	#Max	0	22.67	0.1849
			50%	#0	1	22.78	0.1897
			50%	#Mid	1	22.84	0.1923
			50%	#Max	1	23.00	0.1995
			100%	--	1	21.75	0.1496
		16QAM	1	#0	1	21.53	0.1422
			1	#Mid	1	22.13	0.1633
			1	#Max	1	21.47	0.1403
			50%	#0	2	21.77	0.1503
			50%	#Mid	2	21.55	0.1429
			50%	#Max	2	21.88	0.1542
			100%	--	2	20.70	0.1175
	20175 1732.5MHz	QPSK	1	#0	0	22.70	0.1862
			1	#Mid	0	22.89	0.1945
			1	#Max	0	22.58	0.1811
			50%	#0	1	22.92	0.1959
			50%	#Mid	1	22.87	0.1936
			50%	#Max	1	23.04	0.2014
			100%	--	1	22.00	0.1585
		16QAM	1	#0	1	22.08	0.1614
			1	#Mid	1	22.14	0.1637
			1	#Max	1	21.76	0.1500
			50%	#0	2	22.01	0.1589
			50%	#Mid	2	22.02	0.1592
			50%	#Max	2	22.20	0.1660
			100%	--	2	20.72	0.1180
	20393 1754.3MHz	QPSK	1	#0	0	22.81	0.1910
			1	#Mid	0	22.91	0.1954
1			#Max	0	22.91	0.1954	
50%			#0	1	22.94	0.1968	
50%			#Mid	1	22.87	0.1936	
50%			#Max	1	22.92	0.1959	
100%			--	1	21.98	0.1578	
16QAM		1	#0	1	21.64	0.1459	
		1	#Mid	1	21.53	0.1422	
		1	#Max	1	21.59	0.1442	
		50%	#0	2	22.01	0.1589	
		50%	#Mid	2	22.04	0.1600	
		50%	#Max	2	22.05	0.1603	
		100%	--	2	20.67	0.1167	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 4 (1700MHz)/3MHz	19965 1711.5MHz	QPSK	1	#0	0	22.99	0.1991
			1	#Mid	0	22.84	0.1923
			1	#Max	0	22.65	0.1841
			50%	#0	1	22.08	0.1614
			50%	#Mid	1	21.92	0.1556
			50%	#Max	1	21.95	0.1567
			100%	--	1	21.92	0.1556
		16QAM	1	#0	1	21.80	0.1514
			1	#Mid	1	21.25	0.1334
			1	#Max	1	21.70	0.1479
			50%	#0	2	21.06	0.1276
			50%	#Mid	2	20.72	0.1180
			50%	#Max	2	20.92	0.1236
			100%	--	2	20.95	0.1245
	20175 1732.5MHz	QPSK	1	#0	0	22.78	0.1897
			1	#Mid	0	22.69	0.1858
			1	#Max	0	22.51	0.1782
			50%	#0	1	21.85	0.1531
			50%	#Mid	1	21.95	0.1567
			50%	#Max	1	22.00	0.1585
			100%	--	1	21.87	0.1538
		16QAM	1	#0	1	21.73	0.1489
			1	#Mid	1	21.68	0.1472
			1	#Max	1	21.61	0.1449
			50%	#0	2	20.57	0.1140
			50%	#Mid	2	20.64	0.1159
			50%	#Max	2	20.61	0.1151
			100%	--	2	20.59	0.1146
	20385 1753.5MHz	QPSK	1	#0	0	23.01	0.2000
			1	#Mid	0	22.88	0.1941
1			#Max	0	22.81	0.1910	
50%			#0	1	21.94	0.1563	
50%			#Mid	1	21.97	0.1574	
50%			#Max	1	21.98	0.1578	
100%			--	1	22.00	0.1585	
16QAM		1	#0	1	21.82	0.1521	
		1	#Mid	1	21.70	0.1479	
		1	#Max	1	21.74	0.1493	
		50%	#0	2	21.05	0.1274	
		50%	#Mid	2	20.88	0.1225	
		50%	#Max	2	20.92	0.1236	
		100%	--	2	20.76	0.1191	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 4 (1700MHz)/5MHz	19975 1712.5MHz	QPSK	1	#0	0	22.83	0.1919
			1	#Mid	0	22.95	0.1972
			1	#Max	0	22.84	0.1923
			50%	#0	1	22.04	0.1600
			50%	#Mid	1	22.08	0.1614
			50%	#Max	1	22.09	0.1618
			100%	--	1	22.12	0.1629
		16QAM	1	#0	1	21.80	0.1514
			1	#Mid	1	21.42	0.1387
			1	#Max	1	21.76	0.1500
			50%	#0	2	20.89	0.1227
			50%	#Mid	2	20.86	0.1219
			50%	#Max	2	20.92	0.1236
			100%	--	2	20.96	0.1247
	20175 1732.5MHz	QPSK	1	#0	0	22.59	0.1816
			1	#Mid	0	23.17	0.2075
			1	#Max	0	22.64	0.1837
			50%	#0	1	22.06	0.1607
			50%	#Mid	1	22.08	0.1614
			50%	#Max	1	22.06	0.1607
			100%	--	1	22.02	0.1592
		16QAM	1	#0	1	21.63	0.1455
			1	#Mid	1	21.57	0.1435
			1	#Max	1	21.74	0.1493
			50%	#0	2	20.97	0.1250
			50%	#Mid	2	20.98	0.1253
			50%	#Max	2	20.92	0.1236
			100%	--	2	20.88	0.1225
	20375 1752.5MHz	QPSK	1	#0	0	22.97	0.1982
			1	#Mid	0	23.19	0.2084
			1	#Max	0	22.94	0.1968
			50%	#0	1	22.08	0.1614
			50%	#Mid	1	22.17	0.1648
			50%	#Max	1	22.11	0.1626
			100%	--	1	22.10	0.1622
		16QAM	1	#0	1	21.83	0.1524
1			#Mid	1	21.71	0.1483	
1			#Max	1	21.75	0.1496	
50%			#0	2	21.13	0.1297	
50%			#Mid	2	20.92	0.1236	
50%			#Max	2	20.97	0.1250	
100%			--	2	21.15	0.1303	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 4 (1700MHz)/10MHz	20000 1715MHz	QPSK	1	#0	0	23.16	0.2070
			1	#Mid	0	23.08	0.2032
			1	#Max	0	22.79	0.1901
			50%	#0	1	22.15	0.1641
			50%	#Mid	1	22.09	0.1618
			50%	#Max	1	22.10	0.1622
			100%	--	1	22.16	0.1644
		16QAM	1	#0	1	21.83	0.1524
			1	#Mid	1	21.96	0.1570
			1	#Max	1	21.70	0.1479
			50%	#0	2	20.81	0.1205
			50%	#Mid	2	21.01	0.1262
			50%	#Max	2	21.02	0.1265
			100%	--	2	21.14	0.1300
	20175 1732.5MHz	QPSK	1	#0	0	22.63	0.1832
			1	#Mid	0	23.11	0.2046
			1	#Max	0	22.91	0.1954
			50%	#0	1	21.93	0.1560
			50%	#Mid	1	21.91	0.1552
			50%	#Max	1	21.95	0.1567
			100%	--	1	21.94	0.1563
		16QAM	1	#0	1	21.42	0.1387
			1	#Mid	1	21.78	0.1507
			1	#Max	1	21.66	0.1466
			50%	#0	2	20.87	0.1222
			50%	#Mid	2	20.94	0.1242
			50%	#Max	2	20.84	0.1213
			100%	--	2	20.99	0.1256
	20350 1750MHz	QPSK	1	#0	0	23.04	0.2014
			1	#Mid	0	23.18	0.2080
			1	#Max	0	22.73	0.1875
			50%	#0	1	22.21	0.1663
			50%	#Mid	1	22.12	0.1629
50%			#Max	1	22.15	0.1641	
100%			--	1	22.11	0.1626	
16QAM		1	#0	1	22.07	0.1611	
		1	#Mid	1	22.09	0.1618	
		1	#Max	1	21.79	0.1510	
		50%	#0	2	21.36	0.1368	
		50%	#Mid	2	21.27	0.1340	
		50%	#Max	2	21.12	0.1294	
		100%	--	2	20.96	0.1247	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 4 (1700MHz)/15MHz	20025 1717.5MHz	QPSK	1	#0	0	22.91	0.1954
			1	#Mid	0	22.87	0.1936
			1	#Max	0	22.83	0.1919
			50%	#0	1	22.10	0.1622
			50%	#Mid	1	22.04	0.1600
			50%	#Max	1	22.05	0.1603
			100%	--	1	22.05	0.1603
		16QAM	1	#0	1	21.81	0.1517
			1	#Mid	1	21.72	0.1486
			1	#Max	1	21.63	0.1455
			50%	#0	2	21.04	0.1271
			50%	#Mid	2	21.03	0.1268
			50%	#Max	2	20.99	0.1256
			100%	--	2	21.09	0.1285
	20175 1732.5MHz	QPSK	1	#0	0	22.94	0.1968
			1	#Mid	0	22.71	0.1866
			1	#Max	0	22.74	0.1879
			50%	#0	1	21.96	0.1570
			50%	#Mid	1	22.01	0.1589
			50%	#Max	1	22.02	0.1592
			100%	--	1	21.95	0.1567
		16QAM	1	#0	1	21.72	0.1486
			1	#Mid	1	21.70	0.1479
			1	#Max	1	21.74	0.1493
			50%	#0	2	20.98	0.1253
			50%	#Mid	2	20.95	0.1245
			50%	#Max	2	20.98	0.1253
			100%	--	2	20.99	0.1256
	20325 1747.5MHz	QPSK	1	#0	0	22.98	0.1986
			1	#Mid	0	23.26	0.2118
			1	#Max	0	23.00	0.1995
			50%	#0	1	22.31	0.1702
			50%	#Mid	1	22.30	0.1698
			50%	#Max	1	22.10	0.1622
			100%	--	1	22.30	0.1698
		16QAM	1	#0	1	22.10	0.1622
1			#Mid	1	21.94	0.1563	
1			#Max	1	21.84	0.1528	
50%			#0	2	21.16	0.1306	
50%			#Mid	2	21.25	0.1334	
50%			#Max	2	21.12	0.1294	
100%			--	2	21.16	0.1306	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 4 (1700MHz)/20MHz	20050 1720MHz	QPSK	1	#0	0	22.82	0.1914
			1	#Mid	0	23.21	0.2094
			1	#Max	0	22.78	0.1897
			50%	#0	1	22.08	0.1614
			50%	#Mid	1	22.02	0.1592
			50%	#Max	1	21.94	0.1563
			100%	--	1	22.11	0.1626
		16QAM	1	#0	1	21.81	0.1517
			1	#Mid	1	22.04	0.1600
			1	#Max	1	21.66	0.1466
			50%	#0	2	21.06	0.1276
			50%	#Mid	2	21.14	0.1300
			50%	#Max	2	21.02	0.1265
			100%	--	2	21.04	0.1271
	20175 1732.5MHz	QPSK	1	#0	0	22.78	0.1897
			1	#Mid	0	23.10	0.2042
			1	#Max	0	22.84	0.1923
			50%	#0	1	21.95	0.1567
			50%	#Mid	1	21.96	0.1570
			50%	#Max	1	22.04	0.1600
			100%	--	1	21.98	0.1578
		16QAM	1	#0	1	21.90	0.1549
			1	#Mid	1	21.86	0.1535
			1	#Max	1	21.76	0.1500
			50%	#0	2	20.89	0.1227
			50%	#Mid	2	20.71	0.1178
			50%	#Max	2	20.98	0.1253
			100%	--	2	20.91	0.1233
	20300 1745MHz	QPSK	1	#0	0	22.83	0.1919
			1	#Mid	0	23.44	0.2208
1			#Max	0	22.70	0.1862	
50%			#0	1	22.16	0.1644	
50%			#Mid	1	22.10	0.1622	
50%			#Max	1	22.25	0.1679	
100%			--	1	22.25	0.1679	
16QAM		1	#0	1	22.00	0.1585	
		1	#Mid	1	22.20	0.1660	
		1	#Max	1	21.72	0.1486	
		50%	#0	2	21.11	0.1291	
		50%	#Mid	2	21.05	0.1274	
		50%	#Max	2	21.12	0.1294	
		100%	--	2	21.06	0.1276	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (dBm)	Max Power (W)
Band 5 (850MHz)/1.4MHz	20407 824.7MHz	QPSK	1	#0	0	22.35	0.1718
			1	#Mid	0	22.37	0.1726
			1	#Max	0	22.04	0.1600
			50%	#0	1	22.45	0.1758
			50%	#Mid	1	22.37	0.1726
			50%	#Max	1	22.31	0.1702
			100%	--	1	21.36	0.1368
		16QAM	1	#0	1	21.13	0.1297
			1	#Mid	1	21.09	0.1285
			1	#Max	1	20.88	0.1225
			50%	#0	2	21.01	0.1262
			50%	#Mid	2	21.26	0.1337
			50%	#Max	2	21.15	0.1303
			100%	--	2	20.31	0.1074
	20525 836.5MHz	QPSK	1	#0	0	22.15	0.1641
			1	#Mid	0	22.36	0.1722
			1	#Max	0	22.11	0.1626
			50%	#0	1	22.48	0.1770
			50%	#Mid	1	22.43	0.1750
			50%	#Max	1	22.47	0.1766
			100%	--	1	21.44	0.1393
		16QAM	1	#0	1	21.28	0.1343
			1	#Mid	1	21.18	0.1312
			1	#Max	1	21.20	0.1318
			50%	#0	2	21.34	0.1361
			50%	#Mid	2	21.47	0.1403
			50%	#Max	2	21.26	0.1337
			100%	--	2	20.31	0.1074
	20643 848.3MHz	QPSK	1	#0	0	22.27	0.1687
			1	#Mid	0	22.38	0.1730
1			#Max	0	22.17	0.1648	
50%			#0	1	22.52	0.1786	
50%			#Mid	1	22.34	0.1714	
50%			#Max	1	22.39	0.1734	
100%			--	1	21.33	0.1358	
16QAM		1	#0	1	21.15	0.1303	
		1	#Mid	1	21.13	0.1297	
		1	#Max	1	21.13	0.1297	
		50%	#0	2	21.33	0.1358	
		50%	#Mid	2	21.52	0.1419	
		50%	#Max	2	21.32	0.1355	
		100%	--	2	20.30	0.1072	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 5 (850MHz)/3MHz	20415 825.5MHz	QPSK	1	#0	0	22.10	0.1622
			1	#Mid	0	22.40	0.1738
			1	#Max	0	22.24	0.1675
			50%	#0	1	21.33	0.1358
			50%	#Mid	1	21.37	0.1371
			50%	#Max	1	21.37	0.1371
			100%	--	1	21.40	0.1380
		16QAM	1	#0	1	20.95	0.1245
			1	#Mid	1	20.73	0.1183
			1	#Max	1	21.15	0.1303
			50%	#0	2	20.18	0.1042
			50%	#Mid	2	20.42	0.1102
			50%	#Max	2	20.32	0.1076
			100%	--	2	20.13	0.1030
	20525 836.5MHz	QPSK	1	#0	0	22.11	0.1626
			1	#Mid	0	22.42	0.1746
			1	#Max	0	22.03	0.1596
			50%	#0	1	21.56	0.1432
			50%	#Mid	1	21.49	0.1409
			50%	#Max	1	21.53	0.1422
			100%	--	1	21.49	0.1409
		16QAM	1	#0	1	21.22	0.1324
			1	#Mid	1	21.37	0.1371
			1	#Max	1	21.31	0.1352
			50%	#0	2	20.42	0.1102
			50%	#Mid	2	20.35	0.1084
			50%	#Max	2	20.41	0.1099
			100%	--	2	20.53	0.1130
	20635 847.5MHz	QPSK	1	#0	0	22.11	0.1626
			1	#Mid	0	22.06	0.1607
1			#Max	0	21.92	0.1556	
50%			#0	1	21.52	0.1419	
50%			#Mid	1	21.41	0.1384	
50%			#Max	1	21.42	0.1387	
100%			--	1	21.38	0.1374	
16QAM		1	#0	1	21.27	0.1340	
		1	#Mid	1	21.16	0.1306	
		1	#Max	1	20.24	0.1057	
		50%	#0	2	20.19	0.1045	
		50%	#Mid	2	20.50	0.1122	
		50%	#Max	2	20.52	0.1127	
		100%	--	2	20.24	0.1057	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 5 (850MHz)/5MHz	20425 826.5MHz	QPSK	1	#0	0	22.10	0.1622
			1	#Mid	0	22.54	0.1795
			1	#Max	0	21.99	0.1581
			50%	#0	1	21.41	0.1384
			50%	#Mid	1	21.47	0.1403
			50%	#Max	1	21.45	0.1396
			100%	--	1	21.43	0.1390
		16QAM	1	#0	1	21.10	0.1288
			1	#Mid	1	21.06	0.1276
			1	#Max	1	21.01	0.1262
			50%	#0	2	20.42	0.1102
			50%	#Mid	2	20.54	0.1132
			50%	#Max	2	20.37	0.1089
			100%	--	2	20.34	0.1081
	20525 836.5MHz	QPSK	1	#0	0	21.96	0.1570
			1	#Mid	0	22.52	0.1786
			1	#Max	0	21.96	0.1570
			50%	#0	1	21.46	0.1400
			50%	#Mid	1	21.42	0.1387
			50%	#Max	1	21.52	0.1419
			100%	--	1	21.46	0.1400
		16QAM	1	#0	1	21.15	0.1303
			1	#Mid	1	21.19	0.1315
			1	#Max	1	21.12	0.1294
			50%	#0	2	20.60	0.1148
			50%	#Mid	2	20.58	0.1143
			50%	#Max	2	20.24	0.1057
			100%	--	2	20.34	0.1081
	20625 846.5MHz	QPSK	1	#0	0	21.87	0.1538
			1	#Mid	0	22.59	0.1816
			1	#Max	0	21.94	0.1563
			50%	#0	1	21.46	0.1400
			50%	#Mid	1	21.52	0.1419
			50%	#Max	1	21.32	0.1355
			100%	--	1	21.42	0.1387
		16QAM	1	#0	1	21.06	0.1276
1			#Mid	1	21.42	0.1387	
1			#Max	1	21.06	0.1276	
50%			#0	2	20.37	0.1089	
50%			#Mid	2	20.54	0.1132	
50%			#Max	2	20.27	0.1064	
100%			--	2	20.25	0.1059	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 5 (850MHz)/10MHz	20450 829MHz	QPSK	1	#0	0	22.16	0.1644
			1	#Mid	0	22.48	0.1770
			1	#Max	0	22.53	0.1791
			50%	#0	1	21.49	0.1409
			50%	#Mid	1	21.53	0.1422
			50%	#Max	1	21.55	0.1429
			100%	--	1	21.60	0.1445
		16QAM	1	#0	1	21.14	0.1300
			1	#Mid	1	21.14	0.1300
			1	#Max	1	21.18	0.1312
			50%	#0	2	20.61	0.1151
			50%	#Mid	2	20.56	0.1138
			50%	#Max	2	20.47	0.1114
			100%	--	2	20.62	0.1153
	20525 836.5MHz	QPSK	1	#0	0	22.14	0.1637
			1	#Mid	0	22.32	0.1706
			1	#Max	0	22.16	0.1644
			50%	#0	1	21.56	0.1432
			50%	#Mid	1	21.52	0.1419
			50%	#Max	1	21.48	0.1406
			100%	--	1	21.49	0.1409
		16QAM	1	#0	1	21.21	0.1321
			1	#Mid	1	21.45	0.1396
			1	#Max	1	21.11	0.1291
			50%	#0	2	20.68	0.1169
			50%	#Mid	2	20.53	0.1130
			50%	#Max	2	20.49	0.1119
			100%	--	2	20.52	0.1127
	20600 844MHz	QPSK	1	#0	0	22.16	0.1644
			1	#Mid	0	22.59	0.1816
			1	#Max	0	22.03	0.1596
			50%	#0	1	21.53	0.1422
			50%	#Mid	1	21.56	0.1432
50%			#Max	1	21.48	0.1406	
100%			--	1	21.53	0.1422	
16QAM		1	#0	1	21.23	0.1327	
		1	#Mid	1	21.16	0.1306	
		1	#Max	1	21.06	0.1276	
		50%	#0	2	20.44	0.1107	
		50%	#Mid	2	20.55	0.1135	
		50%	#Max	2	20.42	0.1102	
		100%	--	2	20.46	0.1112	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 17 (700MHz)/5MHz	23755 706.5MHz	QPSK	1	#0	0	22.26	0.1683
			1	#Mid	0	22.72	0.1871
			1	#Max	0	22.11	0.1626
			50%	#0	1	21.53	0.1422
			50%	#Mid	1	21.32	0.1355
			50%	#Max	1	21.35	0.1365
			100%	--	1	21.30	0.1349
		16QAM	1	#0	1	21.48	0.1406
			1	#Mid	1	21.42	0.1387
			1	#Max	1	21.07	0.1279
			50%	#0	2	20.35	0.1084
			50%	#Mid	2	20.35	0.1084
			50%	#Max	2	20.30	0.1072
			100%	--	2	20.34	0.1081
	23790 710MHz	QPSK	1	#0	0	22.26	0.1683
			1	#Mid	0	22.46	0.1762
			1	#Max	0	22.00	0.1585
			50%	#0	1	21.32	0.1355
			50%	#Mid	1	21.34	0.1361
			50%	#Max	1	21.29	0.1346
			100%	--	1	21.37	0.1371
		16QAM	1	#0	1	20.85	0.1216
			1	#Mid	1	20.93	0.1239
			1	#Max	1	20.42	0.1102
			50%	#0	2	20.15	0.1035
			50%	#Mid	2	20.19	0.1045
			50%	#Max	2	20.14	0.1033
			100%	--	2	20.31	0.1074
	23825 713.5MHz	QPSK	1	#0	0	21.98	0.1578
			1	#Mid	0	22.27	0.1687
1			#Max	0	22.50	0.1778	
50%			#0	1	21.27	0.1340	
50%			#Mid	1	21.44	0.1393	
50%			#Max	1	21.37	0.1371	
100%			--	1	21.28	0.1343	
16QAM		1	#0	1	20.85	0.1216	
		1	#Mid	1	21.47	0.1403	
		1	#Max	1	20.92	0.1236	
		50%	#0	2	20.25	0.1059	
		50%	#Mid	2	20.32	0.1076	
		50%	#Max	2	20.30	0.1072	
		100%	--	2	20.33	0.1079	

Band	Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 17 (700MHz)/10MHz	23780 709MHz	QPSK	1	#0	0	22.42	0.1746
			1	#Mid	0	22.26	0.1683
			1	#Max	0	22.18	0.1652
			50%	#0	1	21.53	0.1422
			50%	#Mid	1	21.59	0.1442
			50%	#Max	1	21.53	0.1422
			100%	--	1	21.46	0.1400
		16QAM	1	#0	1	20.92	0.1236
			1	#Mid	1	21.50	0.1413
			1	#Max	1	21.07	0.1279
			50%	#0	2	20.38	0.1091
			50%	#Mid	2	20.41	0.1099
			50%	#Max	2	20.36	0.1086
			100%	--	2	20.23	0.1054
	23790 710MHz	QPSK	1	#0	0	22.35	0.1718
			1	#Mid	0	22.15	0.1641
			1	#Max	0	22.00	0.1585
			50%	#0	1	21.37	0.1371
			50%	#Mid	1	21.33	0.1358
			50%	#Max	1	21.39	0.1377
			100%	--	1	21.30	0.1349
		16QAM	1	#0	1	21.48	0.1406
			1	#Mid	1	21.29	0.1346
			1	#Max	1	21.01	0.1262
			50%	#0	2	20.31	0.1074
			50%	#Mid	2	20.37	0.1089
			50%	#Max	2	20.43	0.1104
			100%	--	2	20.37	0.1089
	23800 711MHz	QPSK	1	#0	0	22.33	0.1710
			1	#Mid	0	22.07	0.1611
			1	#Max	0	21.98	0.1578
			50%	#0	1	21.30	0.1349
			50%	#Mid	1	21.36	0.1368
			50%	#Max	1	21.31	0.1352
			100%	--	1	21.35	0.1365
		16QAM	1	#0	1	21.07	0.1279
1			#Mid	1	21.02	0.1265	
1			#Max	1	20.95	0.1245	
50%			#0	2	20.33	0.1079	
50%			#Mid	2	20.33	0.1079	
50%			#Max	2	20.35	0.1084	
100%			--	2	20.32	0.1076	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (dBm)	Max Power (W)
Band 26 (850MHz)/1.4MHz	CH26797 824.7MHz	QPSK	1	#0	0	21.86	0.1535
			1	#Mid	0	22.28	0.1690
			1	#Max	0	21.99	0.1581
			50%	#0	1	22.21	0.1663
			50%	#Mid	1	22.33	0.1710
			50%	#Max	1	22.35	0.1718
			100%	--	1	21.31	0.1352
		16QAM	1	#0	1	21.07	0.1279
			1	#Mid	1	21.02	0.1265
			1	#Max	1	21.11	0.1291
			50%	#0	2	21.30	0.1349
			50%	#Mid	2	21.37	0.1371
			50%	#Max	2	21.29	0.1346
			100%	--	2	20.18	0.1042
	CH26915 836.5MHz	QPSK	1	#0	0	22.25	0.1679
			1	#Mid	0	22.31	0.1702
			1	#Max	0	22.35	0.1718
			50%	#0	1	22.57	0.1807
			50%	#Mid	1	22.45	0.1758
			50%	#Max	1	22.43	0.1750
			100%	--	1	21.30	0.1349
		16QAM	1	#0	1	21.17	0.1309
			1	#Mid	1	21.12	0.1294
			1	#Max	1	21.14	0.1300
			50%	#0	2	21.42	0.1387
			50%	#Mid	2	21.51	0.1416
			50%	#Max	2	21.71	0.1483
			100%	--	2	20.38	0.1091
	CH27033 848.3MHz	QPSK	1	#0	0	22.04	0.1600
			1	#Mid	0	22.29	0.1694
1			#Max	0	22.00	0.1585	
50%			#0	1	22.36	0.1722	
50%			#Mid	1	22.32	0.1706	
50%			#Max	1	22.40	0.1738	
100%			--	1	21.30	0.1349	
16QAM		1	#0	1	21.07	0.1279	
		1	#Mid	1	20.97	0.1250	
		1	#Max	1	21.01	0.1262	
		50%	#0	2	21.38	0.1374	
		50%	#Mid	2	21.51	0.1416	
		50%	#Max	2	21.36	0.1368	
		100%	--	2	20.06	0.1014	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 26 (850MHz)/3MHz	CH26805 825.5MHz	QPSK	1	#0	0	22.07	0.1611
			1	#Mid	0	22.31	0.1702
			1	#Max	0	22.09	0.1618
			50%	#0	1	21.32	0.1355
			50%	#Mid	1	21.33	0.1358
			50%	#Max	1	21.24	0.1330
			100%	--	1	21.39	0.1377
		16QAM	1	#0	1	21.42	0.1387
			1	#Mid	1	21.34	0.1361
			1	#Max	1	21.24	0.1330
			50%	#0	2	20.26	0.1062
			50%	#Mid	2	20.21	0.1050
			50%	#Max	2	20.42	0.1102
			100%	--	2	20.52	0.1127
	CH26915 836.5MHz	QPSK	1	#0	0	22.14	0.1637
			1	#Mid	0	22.26	0.1683
			1	#Max	0	22.24	0.1675
			50%	#0	1	21.42	0.1387
			50%	#Mid	1	21.44	0.1393
			50%	#Max	1	21.37	0.1371
			100%	--	1	21.35	0.1365
		16QAM	1	#0	1	21.24	0.1330
			1	#Mid	1	21.04	0.1271
			1	#Max	1	21.16	0.1306
			50%	#0	2	20.35	0.1084
			50%	#Mid	2	20.41	0.1099
			50%	#Max	2	20.35	0.1084
			100%	--	2	20.61	0.1151
	CH27025 847.5MHz	QPSK	1	#0	0	21.92	0.1556
			1	#Mid	0	22.19	0.1656
1			#Max	0	21.80	0.1514	
50%			#0	1	21.35	0.1365	
50%			#Mid	1	21.30	0.1349	
50%			#Max	1	21.23	0.1327	
100%			--	1	21.31	0.1352	
16QAM		1	#0	1	21.10	0.1288	
		1	#Mid	1	20.97	0.1250	
		1	#Max	1	20.69	0.1172	
		50%	#0	2	20.28	0.1067	
		50%	#Mid	2	20.40	0.1096	
		50%	#Max	2	20.43	0.1104	
		100%	--	2	20.34	0.1081	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 26 (850MHz)/5MHz	CH26815 826.5MHz	QPSK	1	#0	0	21.83	0.1524
			1	#Mid	0	22.37	0.1726
			1	#Max	0	21.88	0.1542
			50%	#0	1	21.22	0.1324
			50%	#Mid	1	21.41	0.1384
			50%	#Max	1	21.35	0.1365
			100%	--	1	21.42	0.1387
		16QAM	1	#0	1	20.97	0.1250
			1	#Mid	1	20.89	0.1227
			1	#Max	1	21.01	0.1262
			50%	#0	2	20.34	0.1081
			50%	#Mid	2	20.54	0.1132
			50%	#Max	2	20.17	0.1040
			100%	--	2	20.42	0.1102
	CH26915 836.5MHz	QPSK	1	#0	0	22.01	0.1589
			1	#Mid	0	22.49	0.1774
			1	#Max	0	21.90	0.1549
			50%	#0	1	21.36	0.1368
			50%	#Mid	1	21.42	0.1387
			50%	#Max	1	21.38	0.1374
			100%	--	1	21.34	0.1361
		16QAM	1	#0	1	21.37	0.1371
			1	#Mid	1	21.06	0.1276
			1	#Max	1	20.98	0.1253
			50%	#0	2	20.40	0.1096
			50%	#Mid	2	20.56	0.1138
			50%	#Max	2	20.36	0.1086
			100%	--	2	20.58	0.1143
	CH27015 846.5MHz	QPSK	1	#0	0	21.73	0.1489
			1	#Mid	0	22.27	0.1687
			1	#Max	0	21.82	0.1521
			50%	#0	1	21.35	0.1365
			50%	#Mid	1	21.39	0.1377
			50%	#Max	1	21.20	0.1318
			100%	--	1	21.30	0.1349
		16QAM	1	#0	1	20.93	0.1239
1			#Mid	1	20.98	0.1253	
1			#Max	1	20.97	0.1250	
50%			#0	2	20.47	0.1114	
50%			#Mid	2	20.34	0.1081	
50%			#Max	2	20.14	0.1033	
100%			--	2	20.35	0.1084	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 26 (850MHz)/10MHz	CH26840 829MHz	QPSK	1	#0	0	21.92	0.1556
			1	#Mid	0	22.47	0.1766
			1	#Max	0	22.07	0.1611
			50%	#0	1	21.44	0.1393
			50%	#Mid	1	21.39	0.1377
			50%	#Max	1	21.41	0.1384
			100%	--	1	21.44	0.1393
		16QAM	1	#0	1	21.05	0.1274
			1	#Mid	1	21.10	0.1288
			1	#Max	1	21.14	0.1300
			50%	#0	2	20.55	0.1135
			50%	#Mid	2	20.54	0.1132
			50%	#Max	2	20.55	0.1135
			100%	--	2	20.35	0.1084
	CH26915 836.5MHz	QPSK	1	#0	0	21.98	0.1578
			1	#Mid	0	22.51	0.1782
			1	#Max	0	21.97	0.1574
			50%	#0	1	21.39	0.1377
			50%	#Mid	1	21.47	0.1403
			50%	#Max	1	21.42	0.1387
			100%	--	1	21.43	0.1390
		16QAM	1	#0	1	21.13	0.1297
			1	#Mid	1	21.29	0.1346
			1	#Max	1	20.23	0.1054
			50%	#0	2	20.39	0.1094
			50%	#Mid	2	20.51	0.1125
			50%	#Max	2	20.33	0.1079
			100%	--	2	20.45	0.1109
	CH26990 844MHz	QPSK	1	#0	0	22.13	0.1633
			1	#Mid	0	22.48	0.1770
			1	#Max	0	21.92	0.1556
			50%	#0	1	21.34	0.1361
			50%	#Mid	1	21.38	0.1374
50%			#Max	1	21.31	0.1352	
100%			--	1	21.39	0.1377	
16QAM		1	#0	1	21.12	0.1294	
		1	#Mid	1	21.19	0.1315	
		1	#Max	1	21.00	0.1259	
		50%	#0	2	20.58	0.1143	
		50%	#Mid	2	20.42	0.1102	
		50%	#Max	2	20.44	0.1107	
		100%	--	2	20.49	0.1119	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 26 (850MHz)/15MHz	CH26865 831.5MHz	QPSK	1	#0	0	22.03	0.1596
			1	#Mid	0	22.25	0.1679
			1	#Max	0	22.53	0.1791
			50%	#0	1	21.38	0.1374
			50%	#Mid	1	21.43	0.1390
			50%	#Max	1	21.42	0.1387
			100%	--	1	21.39	0.1377
		16QAM	1	#0	1	21.08	0.1282
			1	#Mid	1	21.14	0.1300
			1	#Max	1	21.15	0.1303
			50%	#0	2	20.49	0.1119
			50%	#Mid	2	20.45	0.1109
			50%	#Max	2	20.44	0.1107
			100%	--	2	20.42	0.1102
	CH26915 836.5MHz	QPSK	1	#0	0	22.15	0.1641
			1	#Mid	0	22.50	0.1778
			1	#Max	0	22.25	0.1679
			50%	#0	1	21.45	0.1396
			50%	#Mid	1	21.41	0.1384
			50%	#Max	1	21.37	0.1371
			100%	--	1	21.39	0.1377
		16QAM	1	#0	1	21.14	0.1300
			1	#Mid	1	21.04	0.1271
			1	#Max	1	21.09	0.1285
			50%	#0	2	20.27	0.1064
			50%	#Mid	2	20.44	0.1107
			50%	#Max	2	20.40	0.1096
			100%	--	2	20.42	0.1102
	CH26965 841.5MHz	QPSK	1	#0	0	22.26	0.1683
			1	#Mid	0	22.16	0.1644
			1	#Max	0	22.22	0.1667
			50%	#0	1	21.46	0.1400
			50%	#Mid	1	21.42	0.1387
50%			#Max	1	21.39	0.1377	
100%			--	1	21.34	0.1361	
16QAM		1	#0	1	21.06	0.1276	
		1	#Mid	1	21.14	0.1300	
		1	#Max	1	20.94	0.1242	
		50%	#0	2	20.42	0.1102	
		50%	#Mid	2	20.24	0.1057	
		50%	#Max	2	20.65	0.1161	
		100%	--	2	20.38	0.1091	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 41 (2500MHz)/5MHz	CH39675 2498.5MHz	QPSK	1	#0	0	23.02	0.2004
			1	#Mid	0	23.20	0.2089
			1	#Max	0	23.01	0.2000
			50%	#0	1	22.12	0.1629
			50%	#Mid	1	22.12	0.1629
			50%	#Max	1	22.19	0.1656
			100%	--	1	22.09	0.1618
		16QAM	1	#0	1	21.72	0.1486
			1	#Mid	1	21.82	0.1521
			1	#Max	1	21.78	0.1507
			50%	#0	2	21.12	0.1294
			50%	#Mid	2	21.21	0.1321
			50%	#Max	2	21.05	0.1274
			100%	--	2	21.02	0.1265
	CH40620 2593MHz	QPSK	1	#0	0	22.82	0.1914
			1	#Mid	0	23.14	0.2061
			1	#Max	0	22.93	0.1963
			50%	#0	1	22.08	0.1614
			50%	#Mid	1	22.08	0.1614
			50%	#Max	1	22.15	0.1641
			100%	--	1	22.16	0.1644
		16QAM	1	#0	1	21.67	0.1469
			1	#Mid	1	21.70	0.1479
			1	#Max	1	21.63	0.1455
			50%	#0	2	21.16	0.1306
			50%	#Mid	2	21.17	0.1309
			50%	#Max	2	21.06	0.1276
			100%	--	2	20.98	0.1253
	CH41565 2687.5MHz	QPSK	1	#0	0	22.68	0.1854
			1	#Mid	0	23.06	0.2023
			1	#Max	0	22.77	0.1892
			50%	#0	1	22.00	0.1585
			50%	#Mid	1	22.00	0.1585
			50%	#Max	1	22.03	0.1596
			100%	--	1	21.95	0.1567
		16QAM	1	#0	1	21.49	0.1409
1			#Mid	1	21.60	0.1445	
1			#Max	1	21.45	0.1396	
50%			#0	2	20.96	0.1247	
50%			#Mid	2	21.16	0.1306	
50%			#Max	2	21.17	0.1309	
100%			--	2	21.25	0.1334	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (dBm)	Max Power (W)
Band 41 (2500MHz)/10MHz	CH39700 2501MHz	QPSK	1	#0	0	23.14	0.2061
			1	#Mid	0	23.18	0.2080
			1	#Max	0	23.07	0.2028
			50%	#0	1	22.16	0.1644
			50%	#Mid	1	22.32	0.1706
			50%	#Max	1	22.18	0.1652
			100%	--	1	22.22	0.1667
		16QAM	1	#0	1	21.80	0.1514
			1	#Mid	1	22.01	0.1589
			1	#Max	1	21.89	0.1545
			50%	#0	2	21.35	0.1365
			50%	#Mid	2	21.15	0.1303
			50%	#Max	2	21.47	0.1403
			100%	--	2	21.23	0.1327
	CH40620 2593MHz	QPSK	1	#0	0	23.13	0.2056
			1	#Mid	0	22.95	0.1972
			1	#Max	0	23.02	0.2004
			50%	#0	1	22.12	0.1629
			50%	#Mid	1	22.18	0.1652
			50%	#Max	1	22.16	0.1644
			100%	--	1	22.20	0.1660
		16QAM	1	#0	1	21.84	0.1528
			1	#Mid	1	21.80	0.1514
			1	#Max	1	21.73	0.1489
			50%	#0	2	21.42	0.1387
			50%	#Mid	2	21.43	0.1390
			50%	#Max	2	21.06	0.1276
			100%	--	2	21.21	0.1321
	CH41540 2685MHz	QPSK	1	#0	0	23.00	0.1995
			1	#Mid	0	22.72	0.1871
			1	#Max	0	22.99	0.1991
			50%	#0	1	21.99	0.1581
			50%	#Mid	1	22.00	0.1585
			50%	#Max	1	21.98	0.1578
			100%	--	1	21.96	0.1570
		16QAM	1	#0	1	21.71	0.1483
1			#Mid	1	21.56	0.1432	
1			#Max	1	21.65	0.1462	
50%			#0	2	21.35	0.1365	
50%			#Mid	2	21.36	0.1368	
50%			#Max	2	21.31	0.1352	
100%			--	2	21.11	0.1291	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 41 (2500MHz)/15MHz	CH39725 2503.5MHz	QPSK	1	#0	0	23.04	0.2014
			1	#Mid	0	23.05	0.2018
			1	#Max	0	23.16	0.2070
			50%	#0	1	22.08	0.1614
			50%	#Mid	1	22.09	0.1618
			50%	#Max	1	22.18	0.1652
			100%	--	1	22.09	0.1618
		16QAM	1	#0	1	21.58	0.1439
			1	#Mid	1	21.65	0.1462
			1	#Max	1	21.83	0.1524
			50%	#0	2	21.09	0.1285
			50%	#Mid	2	21.01	0.1262
			50%	#Max	2	21.21	0.1321
			100%	--	2	21.16	0.1306
	CH40620 2593MHz	QPSK	1	#0	0	23.09	0.2037
			1	#Mid	0	23.03	0.2009
			1	#Max	0	23.14	0.2061
			50%	#0	1	22.20	0.1660
			50%	#Mid	1	22.16	0.1644
			50%	#Max	1	22.17	0.1648
			100%	--	1	22.17	0.1648
		16QAM	1	#0	1	21.69	0.1476
			1	#Mid	1	21.74	0.1493
			1	#Max	1	21.80	0.1514
			50%	#0	2	21.05	0.1274
			50%	#Mid	2	21.02	0.1265
			50%	#Max	2	21.05	0.1274
			100%	--	2	21.18	0.1312
	CH41515 2682.5MHz	QPSK	1	#0	0	22.94	0.1968
			1	#Mid	0	22.84	0.1923
1			#Max	0	22.95	0.1972	
50%			#0	1	22.08	0.1614	
50%			#Mid	1	21.96	0.1570	
50%			#Max	1	21.93	0.1560	
100%			--	1	22.05	0.1603	
16QAM		1	#0	1	21.60	0.1445	
		1	#Mid	1	21.59	0.1442	
		1	#Max	1	21.54	0.1426	
		50%	#0	2	20.99	0.1256	
		50%	#Mid	2	21.09	0.1285	
		50%	#Max	2	20.96	0.1247	
		100%	--	2	21.11	0.1291	

Band	Frequency Channel	Modulation	RB No.	RB Offset	MPR	Max Power (Conducted)	Max Power (W)
Band 41 (2500MHz)/20MHz	CH39750 2506MHz	QPSK	1	#0	0	22.99	0.1991
			1	#Mid	0	23.20	0.2089
			1	#Max	0	23.02	0.2004
			50%	#0	1	22.08	0.1614
			50%	#Mid	1	22.22	0.1667
			50%	#Max	1	22.22	0.1667
			100%	--	1	22.16	0.1644
		16QAM	1	#0	1	21.62	0.1452
			1	#Mid	1	22.04	0.1600
			1	#Max	1	21.85	0.1531
			50%	#0	2	20.97	0.1250
			50%	#Mid	2	21.20	0.1318
			50%	#Max	2	21.19	0.1315
			100%	--	2	21.14	0.1300
	CH40620 2593MHz	QPSK	1	#0	0	22.91	0.1954
			1	#Mid	0	22.95	0.1972
			1	#Max	0	22.90	0.1950
			50%	#0	1	22.22	0.1667
			50%	#Mid	1	22.13	0.1633
			50%	#Max	1	22.11	0.1626
			100%	--	1	22.16	0.1644
		16QAM	1	#0	1	21.70	0.1479
			1	#Mid	1	21.99	0.1581
			1	#Max	1	21.76	0.1500
			50%	#0	2	21.21	0.1321
			50%	#Mid	2	21.05	0.1274
			50%	#Max	2	21.22	0.1324
			100%	--	2	21.17	0.1309
	CH41490 2680MHz	QPSK	1	#0	0	23.03	0.2009
			1	#Mid	0	22.84	0.1923
			1	#Max	0	22.71	0.1866
			50%	#0	1	21.97	0.1574
			50%	#Mid	1	22.02	0.1592
			50%	#Max	1	22.01	0.1589
			100%	--	1	22.00	0.1585
		16QAM	1	#0	1	21.73	0.1489
1			#Mid	1	21.87	0.1538	
1			#Max	1	21.57	0.1435	
50%			#0	2	21.12	0.1294	
50%			#Mid	2	20.95	0.1245	
50%			#Max	2	21.07	0.1279	
100%			--	2	21.06	0.1276	

3.6. Maximum Conducted Power and ERP/EIRP Power

According to KDB 412172 D01 Section 1.2 Power Approach

$$\text{EIRP} = P_T + G_T - L_C = \text{ERP} + 2.15 \text{ dB}, \text{ERP} = \text{EIRP} - 2.15 \text{ dB}$$

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

LTE Band	BW	Modulation	Conducted Peak Power (dBm)	Conducted Peak Power (W)	Antenna Gain (dBi)	Maximum ERP/EIRP (W)	Maximum ERP/EIRP Limit (W)	
2	1.4M	QPSK	23.47	0.222	3.32	0.478	2	
		16QAM	22.62	0.183	3.32	0.393	2	
	3M	QPSK	23.45	0.221	3.32	0.475	2	
		16QAM	22.62	0.183	3.32	0.393	2	
	5M	QPSK	23.53	0.225	3.32	0.484	2	
		16QAM	22.37	0.173	3.32	0.371	2	
	10M	QPSK	23.54	0.226	3.32	0.485	2	
		16QAM	22.37	0.173	3.32	0.371	2	
	15M	QPSK	23.32	0.215	3.32	0.461	2	
		16QAM	22.20	0.166	3.32	0.356	2	
	20M	QPSK	23.45	0.221	3.32	0.475	2	
		16QAM	22.40	0.174	3.32	0.373	2	
	4	1.4M	QPSK	23.04	0.201	3.32	0.433	1
			16QAM	22.20	0.166	3.32	0.356	1
		3M	QPSK	23.01	0.200	3.32	0.430	1
			16QAM	21.82	0.152	3.32	0.327	1
5M		QPSK	23.19	0.208	3.32	0.448	1	
		16QAM	21.83	0.152	3.32	0.327	1	
10M		QPSK	23.18	0.208	3.32	0.447	1	
		16QAM	22.09	0.162	3.32	0.348	1	
15M		QPSK	23.26	0.212	3.32	0.455	1	
		16QAM	22.10	0.162	3.32	0.348	1	
20M		QPSK	23.44	0.221	3.32	0.474	1	
		16QAM	22.20	0.166	3.32	0.356	1	

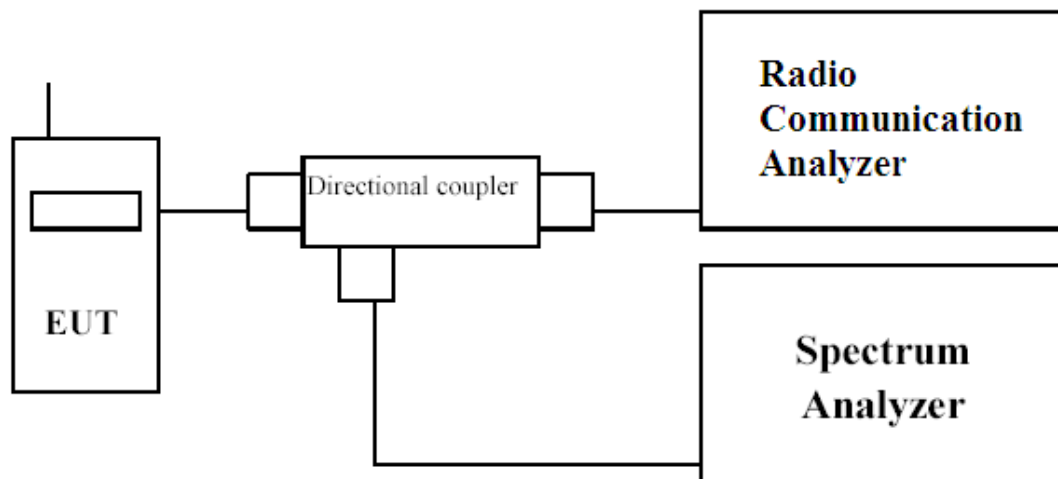
LTE Band	BW	Modulation	Conducted Peak Power (dBm)	Conducted Peak Power (W)	Antenna Gain (dBi)	Maximum ERP/EIRP (W)	Maximum ERP/EIRP Limit (W)
5	1.4M	QPSK	22.52	0.179	2.56	0.196	7
		16QAM	21.52	0.142	2.56	0.156	7
	3M	QPSK	22.42	0.175	2.56	0.192	7
		16QAM	21.37	0.137	2.56	0.151	7
	5M	QPSK	22.59	0.182	2.56	0.200	7
		16QAM	21.42	0.139	2.56	0.152	7
	10M	QPSK	22.59	0.182	2.56	0.200	7
		16QAM	21.45	0.140	2.56	0.153	7
17	5M	QPSK	22.72	0.187	2.95	0.225	3
		16QAM	21.48	0.141	2.95	0.169	3
	10M	QPSK	22.42	0.175	2.95	0.210	3
		16QAM	21.50	0.141	2.95	0.170	3
26	1.4M	QPSK	22.57	0.181	2.56	0.199	7
		16QAM	21.71	0.148	2.56	0.163	7
	3M	QPSK	22.31	0.170	2.56	0.187	7
		16QAM	21.42	0.139	2.56	0.152	7
	5M	QPSK	22.49	0.177	2.56	0.195	7
		16QAM	21.37	0.137	2.56	0.151	7
	10M	QPSK	22.51	0.178	2.56	0.196	7
		16QAM	21.29	0.135	2.56	0.148	7
15M	QPSK	22.53	0.179	2.56	0.197	7	
	16QAM	21.15	0.130	2.56	0.143	7	
41	5M	QPSK	23.20	0.209	2.69	0.388	2
		16QAM	21.82	0.152	2.69	0.282	2
	10M	QPSK	23.18	0.208	2.69	0.386	2
		16QAM	22.01	0.159	2.69	0.295	2
	15M	QPSK	23.16	0.207	2.69	0.385	2
		16QAM	21.83	0.152	2.69	0.283	2
	20M	QPSK	23.20	0.209	2.69	0.388	2
		16QAM	22.04	0.160	2.69	0.297	2

4. Occupied Bandwidth

4.1. Test Secification

According to FCC Part 2.1049, 22.917, 24.238, 27.53

4.2. Test Setup



4.3. Test Procedure

The EUT is tested with maximum rated TX power via the Base Station simulator, and the occupied bandwidth was measured at the antenna terminals of the EUT.

The Resolution BW of the analyzer is set to 1 %~5% of the emission bandwidth. The EUT's occupied bandwidth is measured as the width of the signal between two points, one below the carrier center frequency and one above the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

The plots below show the resultant display from the Spectrum Analyser.

4.4. Test Result of Occupied Bandwidth

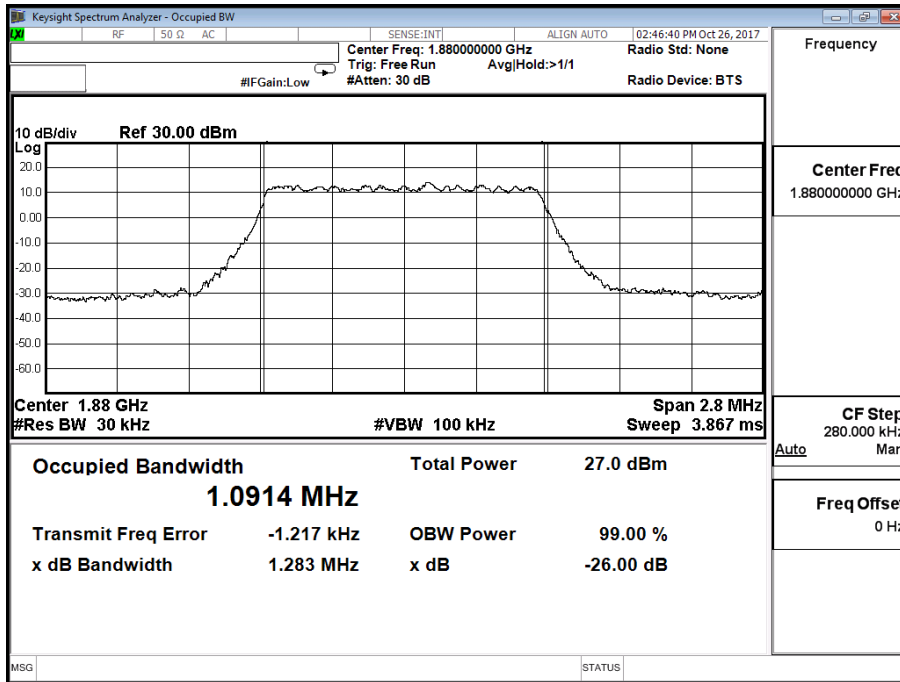
Product	DCM (Data Communication Module)
Test Mode	Occupied Bandwidth
Test Site	CTR

Test Mode	Channel	TX Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB bandwidth (MHz)	Result
Band 2 1.4M QPSK	18900	1880	1.0914	1.283	Pass
Band 2 1.4M 16QAM	18900	1880	1.0945	1.305	Pass
Band 2 3M QPSK	18900	1880	2.7328	3.075	Pass
Band 2 3M 16QAM	18900	1880	2.7154	3.041	Pass
Band 2 5M QPSK	18900	1880	4.4974	4.993	Pass
Band 2 5M 16QAM	18900	1880	4.4755	4.930	Pass
Band 2 10M QPSK	18900	1880	9.0342	10.070	Pass
Band 2 10M 16QAM	18900	1880	9.0276	10.050	Pass
Band 2 15M QPSK	18900	1880	13.416	14.660	Pass
Band 2 15M 16QAM	18900	1880	13.408	14.650	Pass
Band 2 20M QPSK	18900	1880	18.496	20.460	Pass
Band 2 20M 16QAM	18900	1880	18.418	20.320	Pass
Band 4 1.4M QPSK	20175	1732.5	1.0984	1.293	Pass
Band 4 1.4M 16QAM	20175	1732.5	1.0939	1.308	Pass
Band 4 3M QPSK	20175	1732.5	2.7331	3.082	Pass
Band 4 3M 16QAM	20175	1732.5	2.7170	3.034	Pass
Band 4 5M QPSK	20175	1732.5	4.4966	5.010	Pass
Band 4 5M 16QAM	20175	1732.5	4.4777	4.943	Pass
Band 4 10M QPSK	20175	1732.5	9.0215	10.070	Pass
Band 4 10M 16QAM	20175	1732.5	9.0187	10.010	Pass
Band 4 15M QPSK	20175	1732.5	13.411	14.700	Pass
Band 4 15M 16QAM	20175	1732.5	13.397	14.660	Pass
Band 4 20M QPSK	20175	1732.5	18.430	20.490	Pass
Band 4 20M 16QAM	20175	1732.5	18.378	20.290	Pass

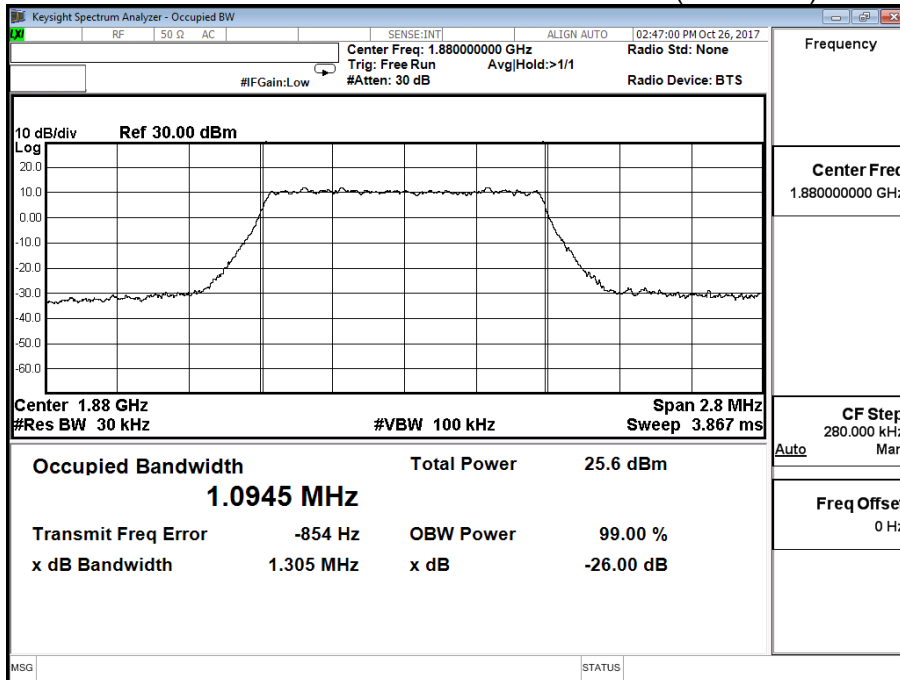
Band 5 1.4M QPSK	20525	836.5	1.0988	1.288	Pass
Band 5 1.4M 16QAM	20525	836.5	1.0948	1.303	Pass
Band 5 3M QPSK	20525	836.5	2.7315	3.062	Pass
Band 5 3M 16QAM	20525	836.5	2.7158	3.039	Pass
Band 5 5M QPSK	20525	836.5	4.4956	4.979	Pass
Band 5 5M 16QAM	20525	836.5	4.4753	4.934	Pass
Band 5 10M QPSK	20525	836.5	9.0228	10.060	Pass
Band 5 10M 16QAM	20525	836.5	9.0200	10.060	Pass
Band 17 5M QPSK	23790	710	4.5132	5.016	Pass
Band 17 5M 16QAM	23790	710	4.4865	4.946	Pass
Band 17 10M QPSK	23790	710	9.0616	10.070	Pass
Band 17 10M 16QAM	23790	710	9.0515	10.070	Pass
Band 26 1.4M QPSK	26915	836.5	1.0962	1.291	Pass
Band 26 1.4M 16QAM	26915	836.5	1.0946	1.302	Pass
Band 26 3M QPSK	26915	836.5	2.7321	3.061	Pass
Band 26 3M 16QAM	26915	836.5	2.7170	3.039	Pass
Band 26 5M QPSK	26915	836.5	4.4979	4.970	Pass
Band 26 5M 16QAM	26915	836.5	4.4746	4.946	Pass
Band 26 10M QPSK	26915	836.5	9.0245	10.060	Pass
Band 26 10M 16QAM	26915	836.5	9.0073	10.020	Pass
Band 26 15M QPSK	26915	836.5	13.439	14.790	Pass
Band 26 15M 16QAM	26915	836.5	13.440	14.660	Pass
Band 41 5M QPSK	40620	2593	4.4887	4.926	Pass
Band 41 5M 16QAM	40620	2593	4.4820	4.973	Pass
Band 41 10M QPSK	40620	2593	9.0183	10.230	Pass
Band 41 10M 16QAM	40620	2593	9.0279	10.430	Pass
Band 41 15M QPSK	40620	2593	13.432	15.410	Pass
Band 41 15M 16QAM	40620	2593	13.433	15.010	Pass
Band 41 20M QPSK	40620	2593	18.526	21.780	Pass
Band 41 20M 16QAM	40620	2593	18.532	22.030	Pass

Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 2 1.4M		

Band 2 1.4M QPSK - LTE Mode CH18900 (1880MHz)

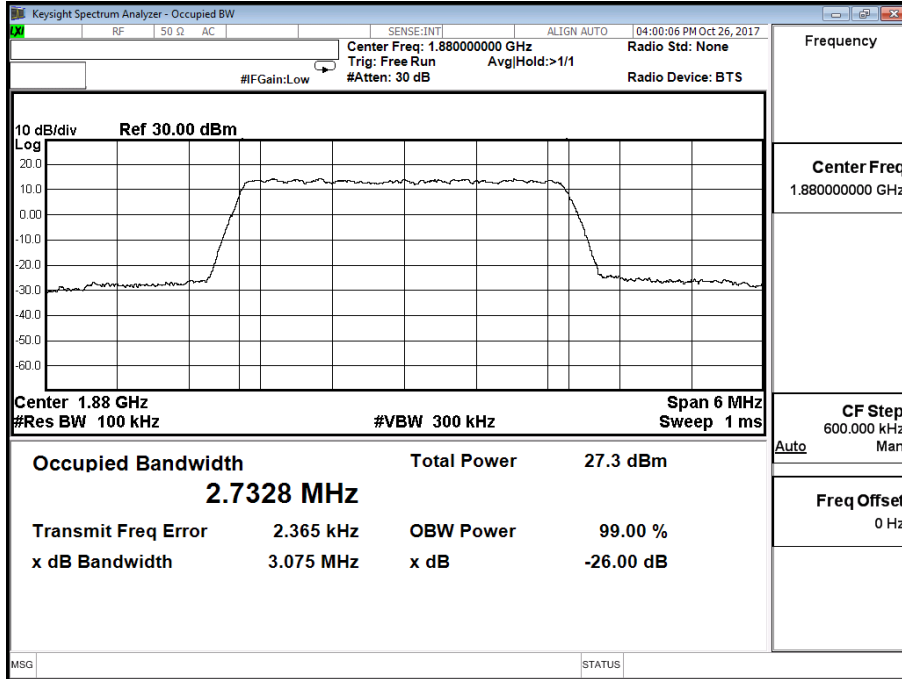


Band 2 1.4M 16QAM - LTE Mode CH18900 (1880MHz)

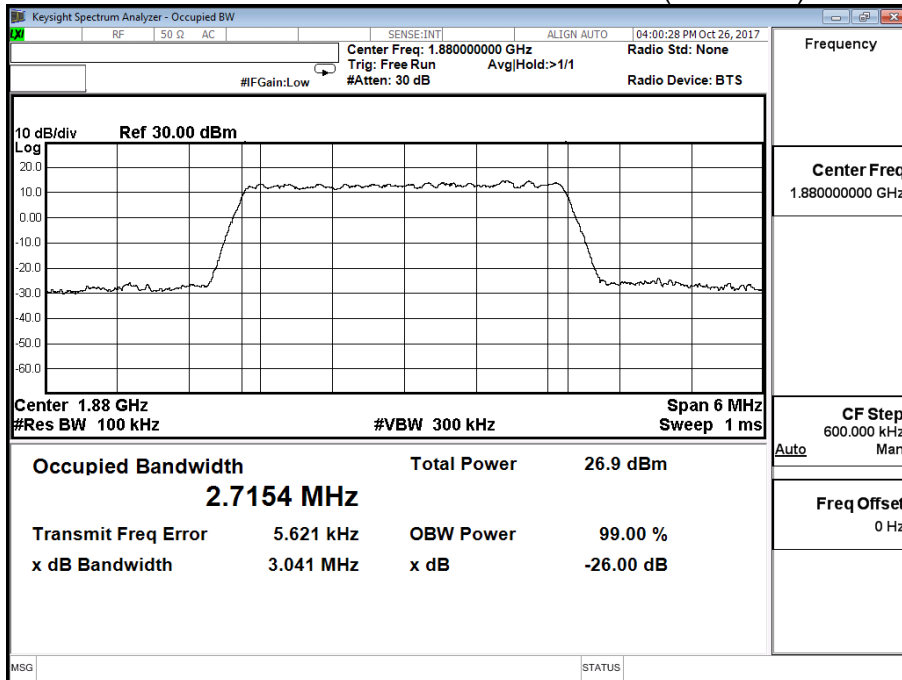


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 2 3M		

Band 2 3M QPSK - LTE Mode CH18900 (1880MHz)

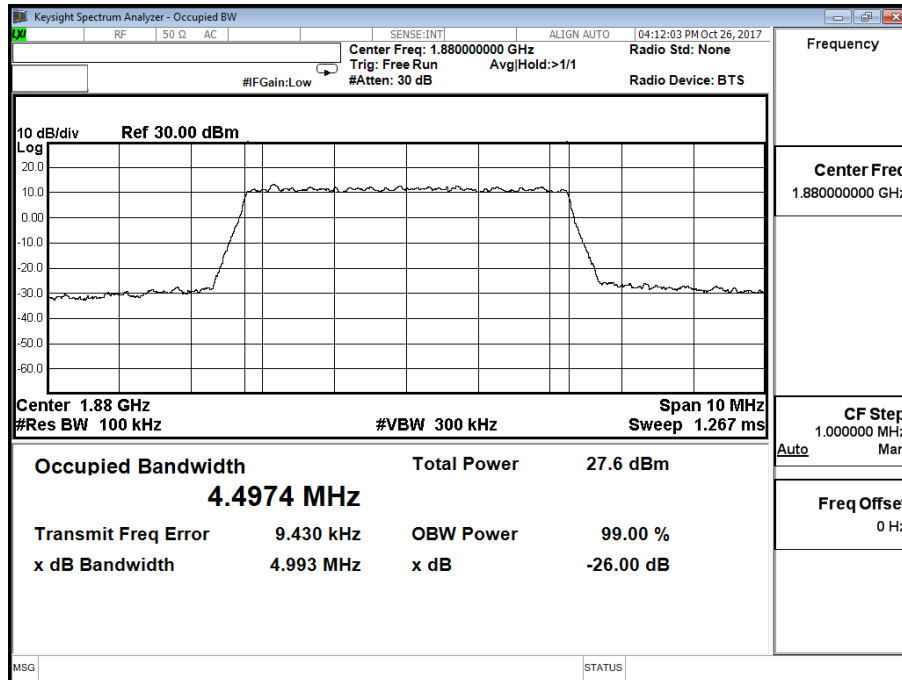


Band 2 3M 16QAM - LTE Mode CH18900 (1880MHz)

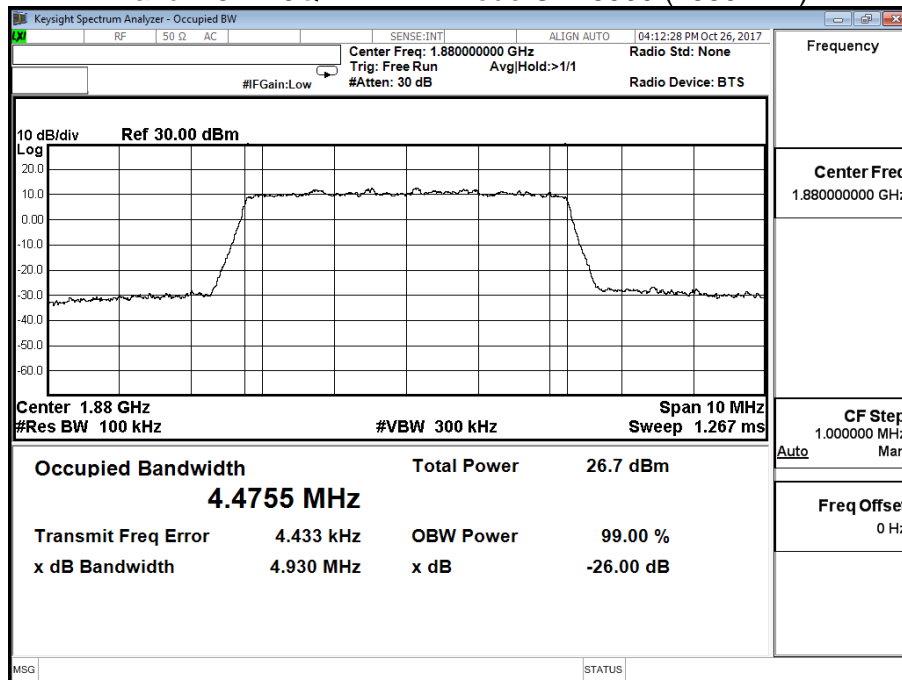


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 2 5M		

Band 2 5M QPSK - LTE Mode CH18900 (1880MHz)

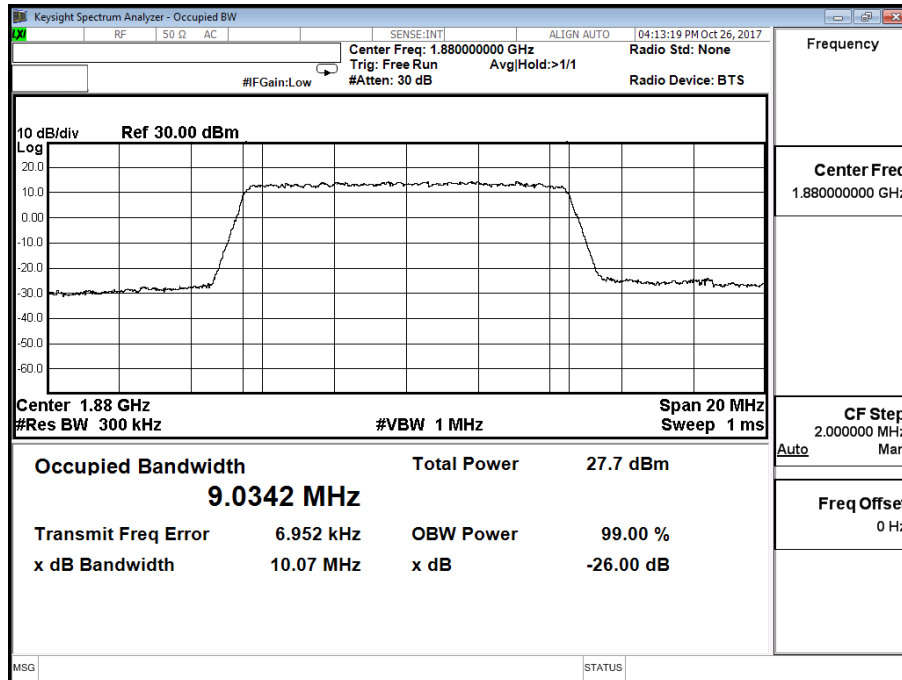


Band 2 5M 16QAM - LTE Mode CH18900 (1880MHz)

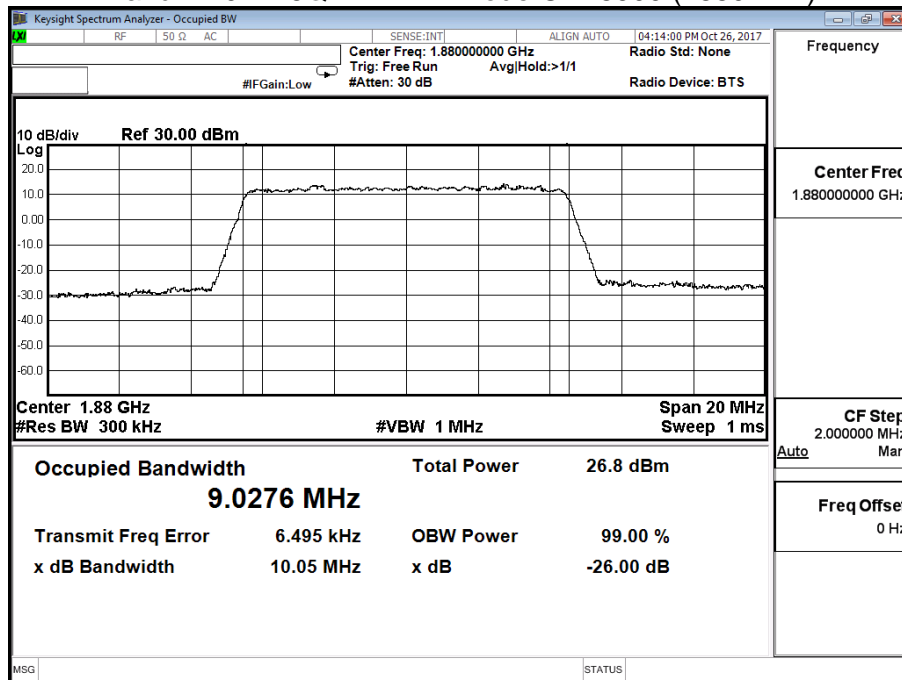


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 2 10M		

Band 2 10M QPSK - LTE Mode CH18900 (1880MHz)

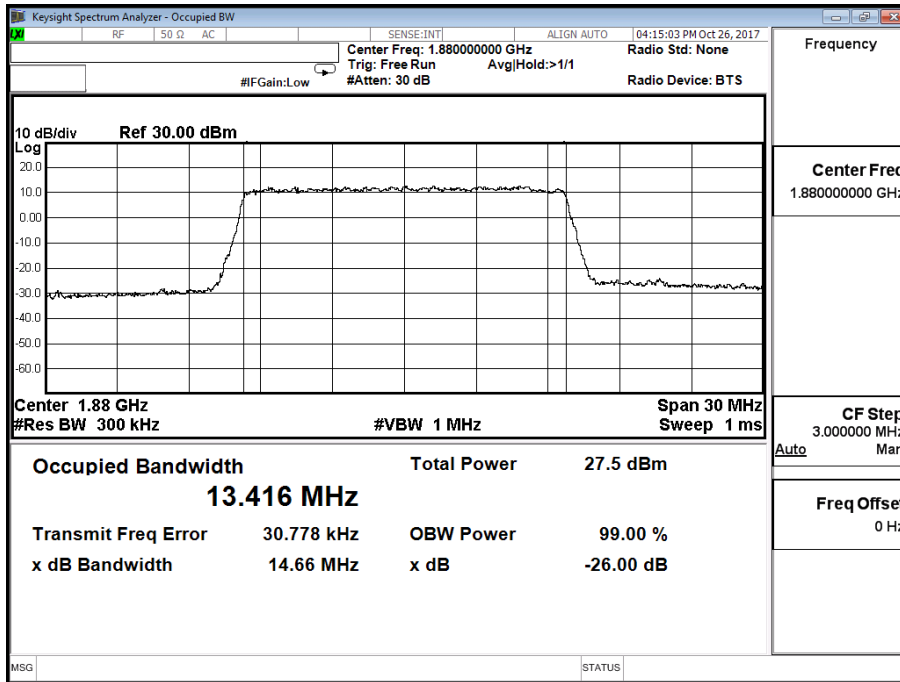


Band 2 10M 16QAM - LTE Mode CH18900 (1880MHz)

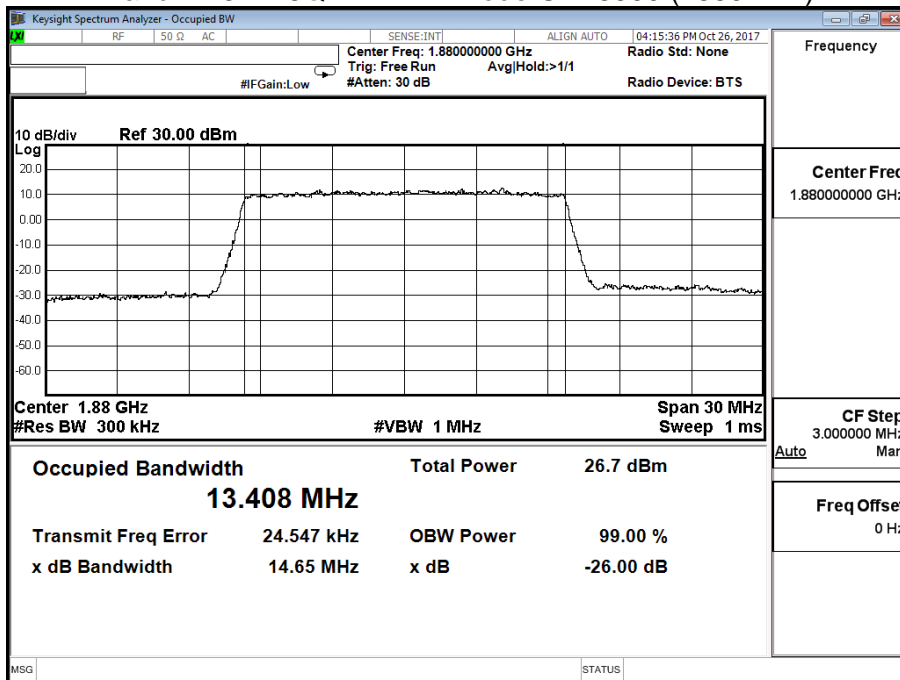


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 2 15M		

Band 2 15M QPSK - LTE Mode CH18900 (1880MHz)

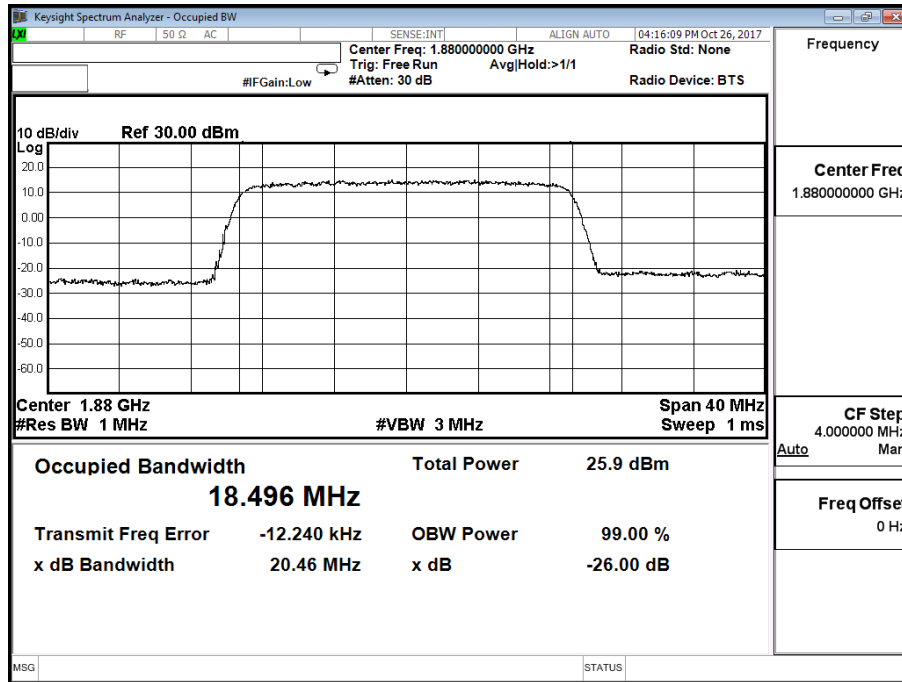


Band 2 15M 16QAM - LTE Mode CH18900 (1880MHz)

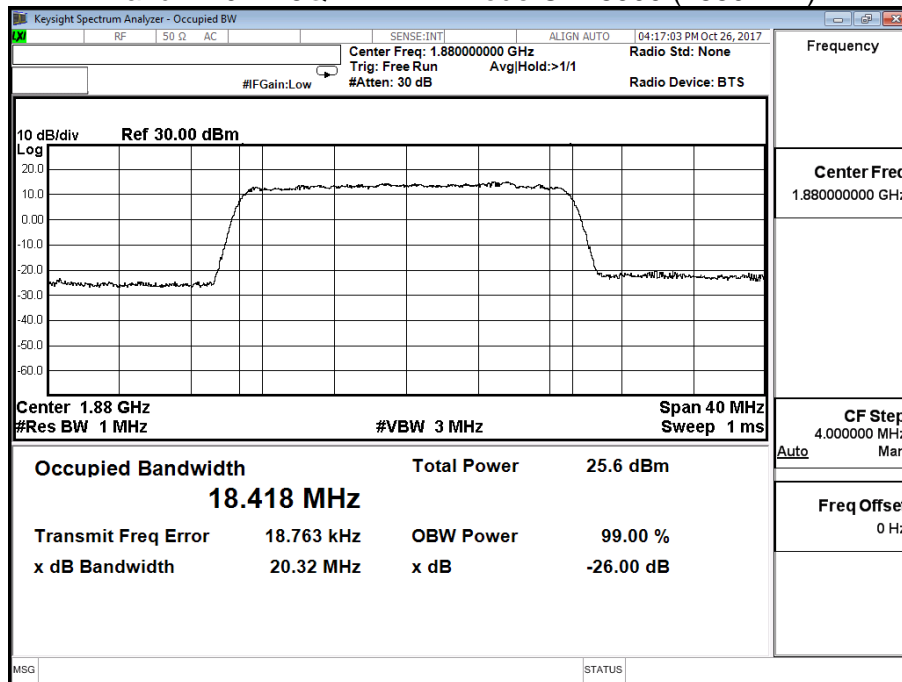


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 2 20M		

Band 2 20M QPSK - LTE Mode CH18900 (1880MHz)

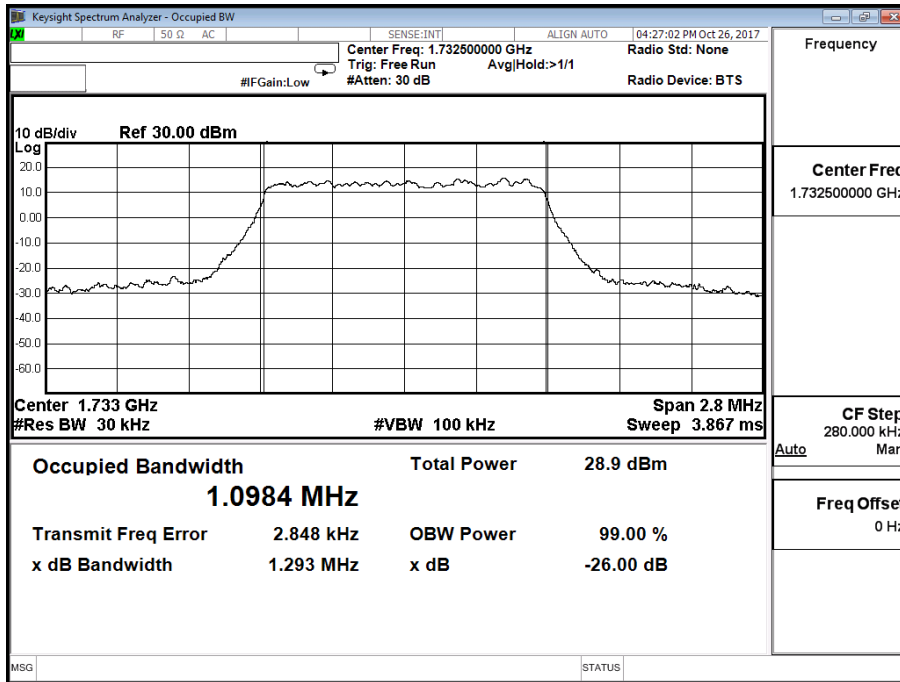


Band 2 20M 16QAM - LTE Mode CH18900 (1880MHz)

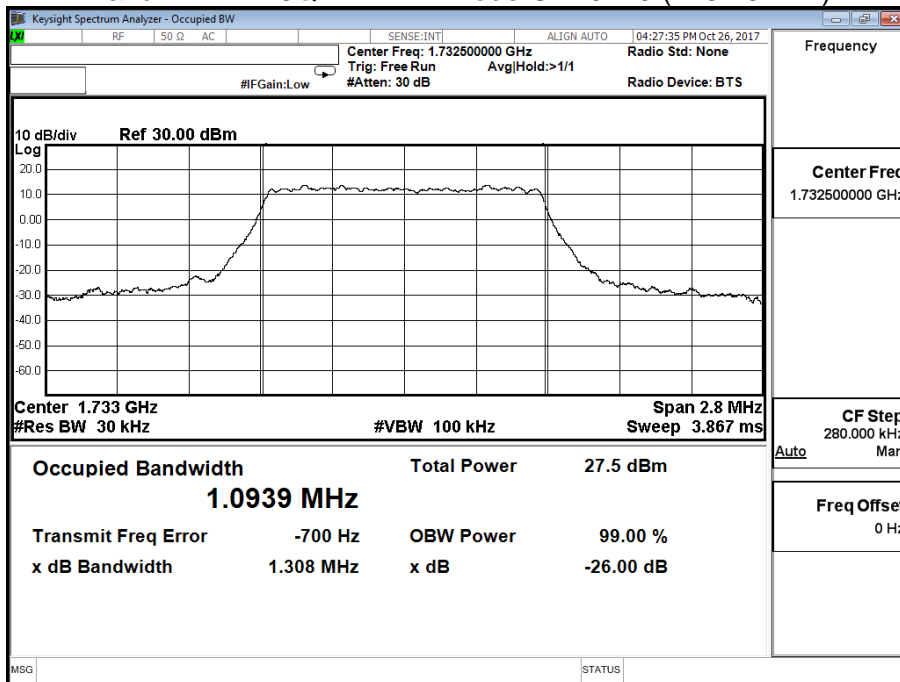


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 4 1.4M		

Band 4 1.4M QPSK - LTE Mode CH 20175 (1732.5MHz)

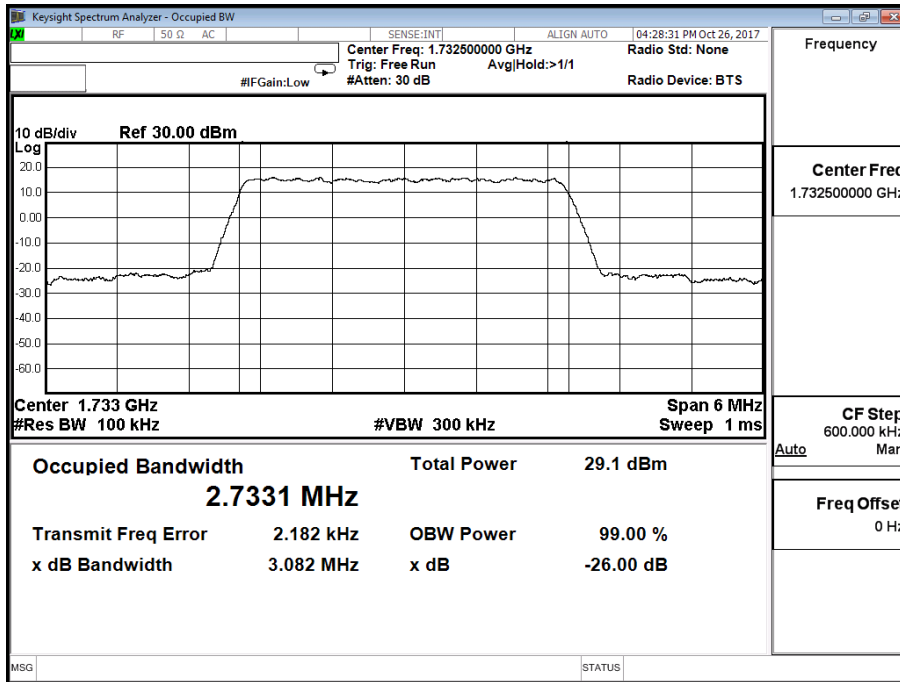


Band 4 1.4M 16QAM - LTE Mode CH20175 (1732.5MHz)

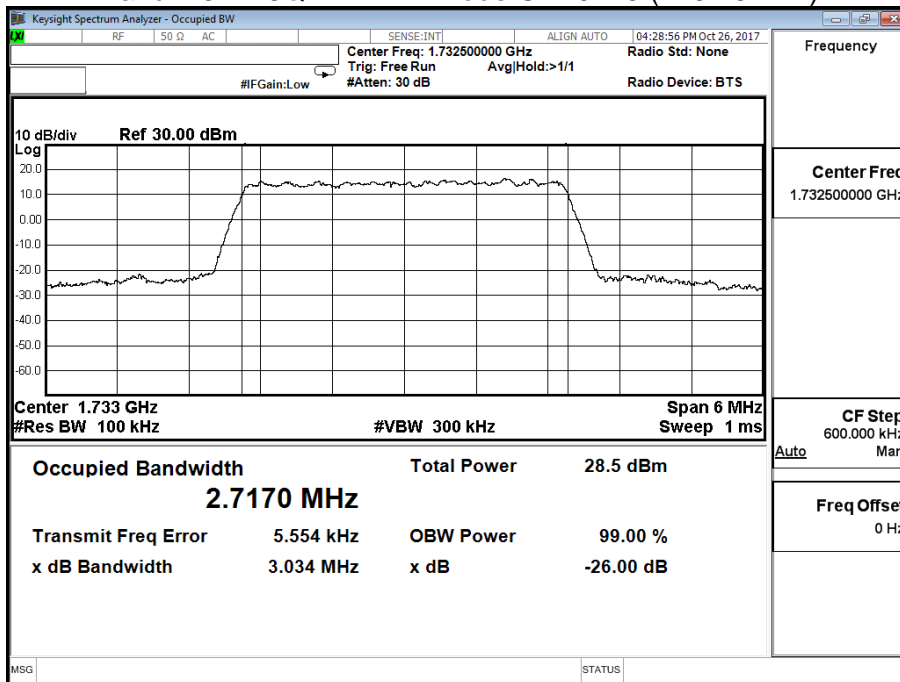


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 4 3M		

Band 4 3M QPSK - LTE Mode CH20175 (1732.5MHz)

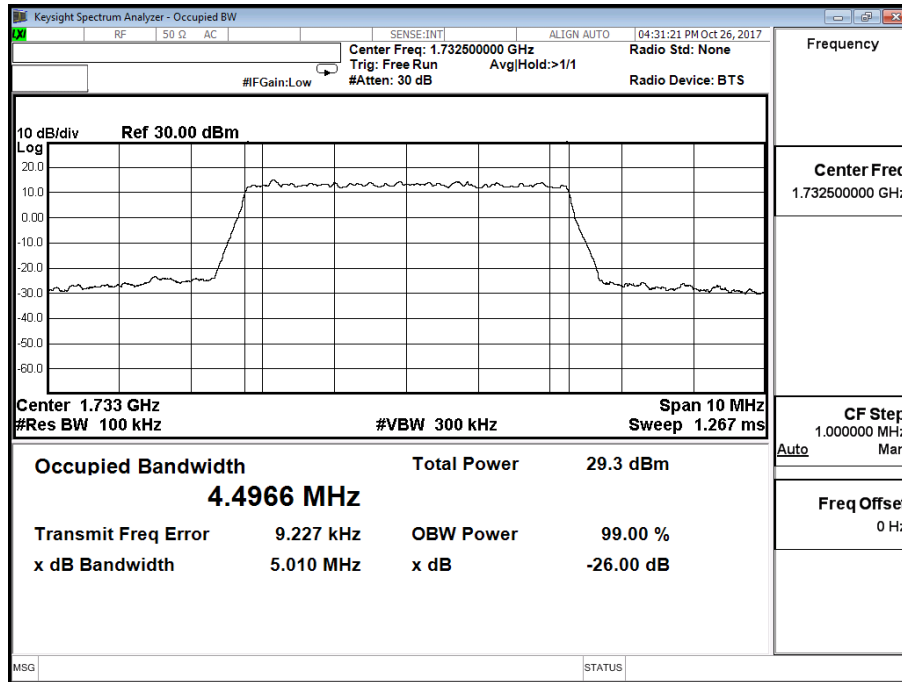


Band 4 3M 16QAM - LTE Mode CH20175 (1732.5MHz)

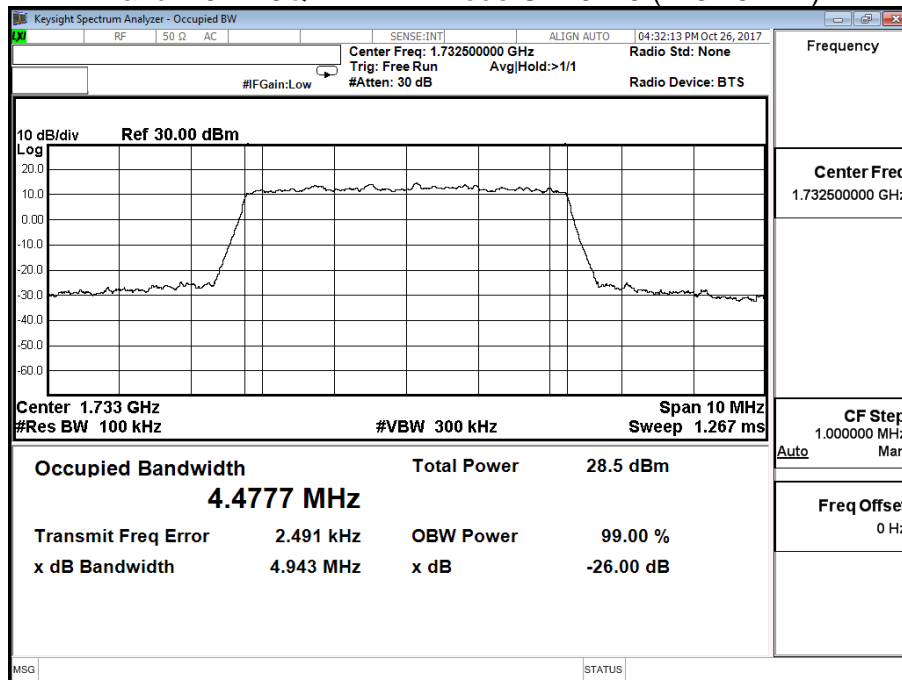


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 4 5M		

Band 4 5M QPSK - LTE Mode CH20175 (1732.5MHz)

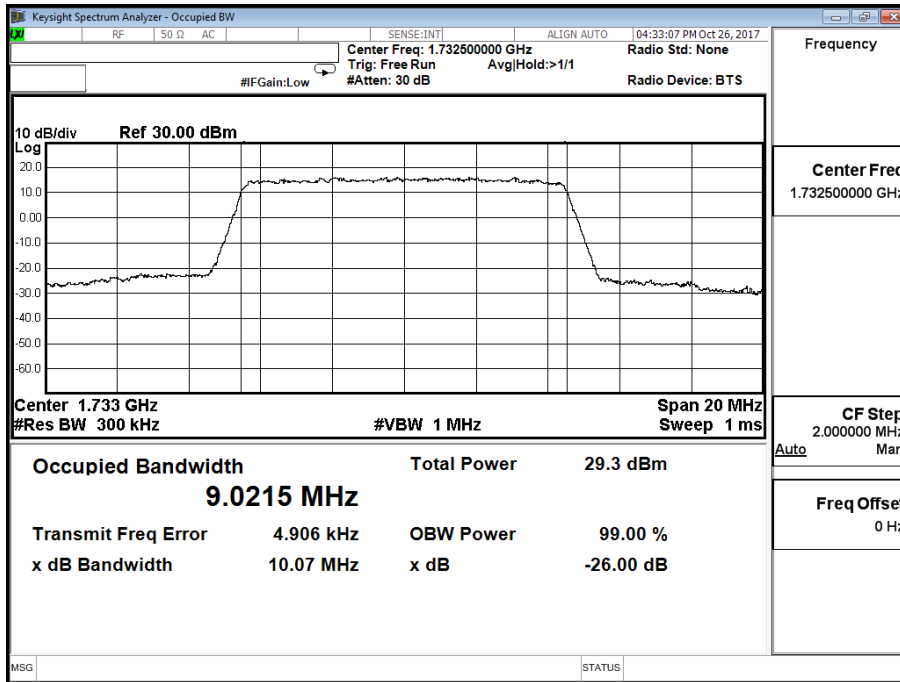


Band 4 5M 16QAM - LTE Mode CH20175 (1732.5MHz)

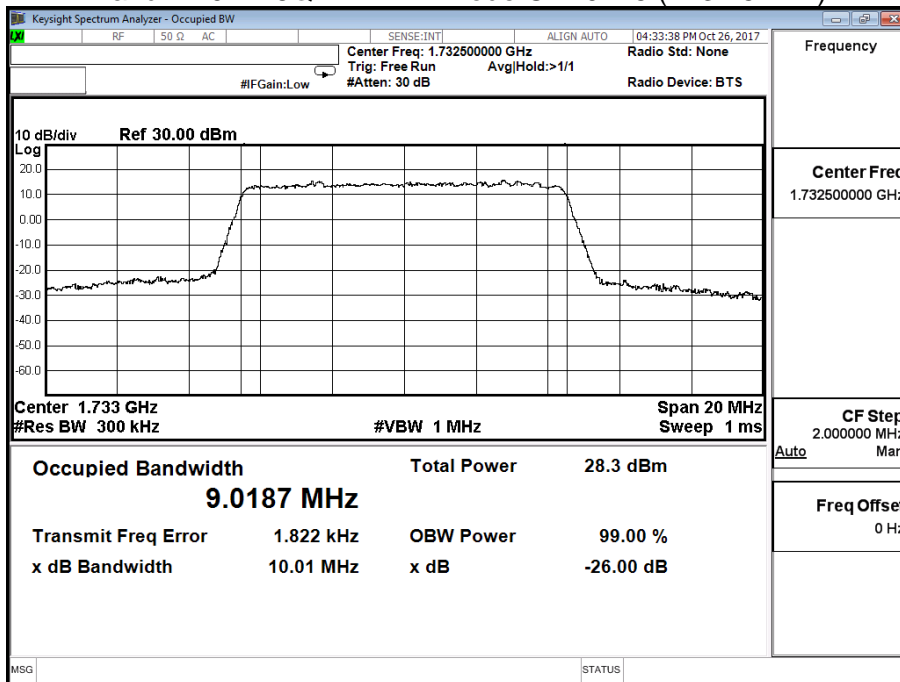


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 4 10M		

Band 4 10M QPSK - LTE Mode CH20175 (1732.5MHz)

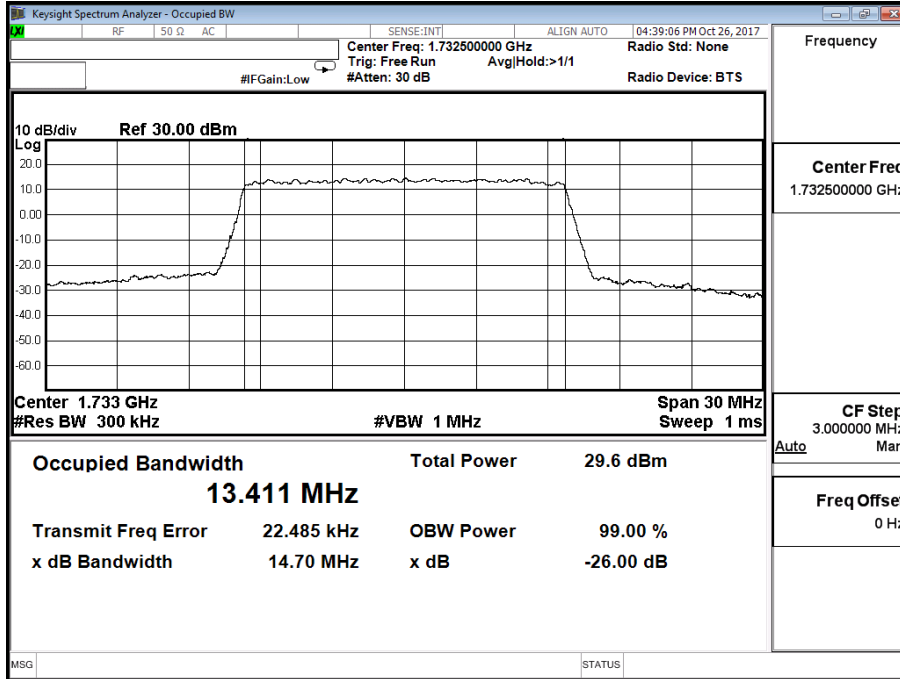


Band 4 10M 16QAM - LTE Mode CH20175 (1732.5MHz)

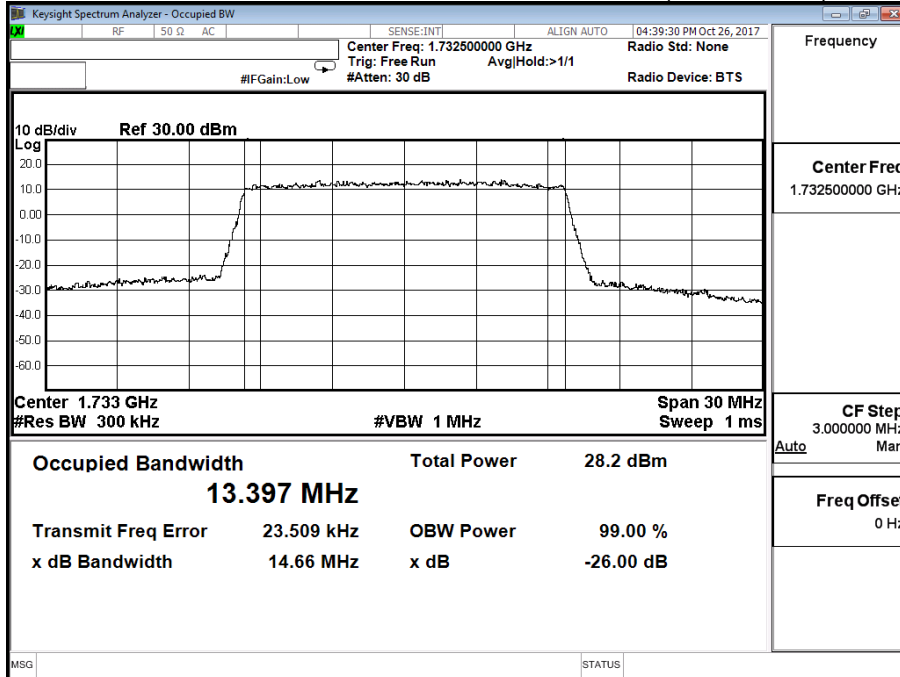


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 4 15M		

Band 4 15M QPSK - LTE Mode CH20175 (1732.5MHz)

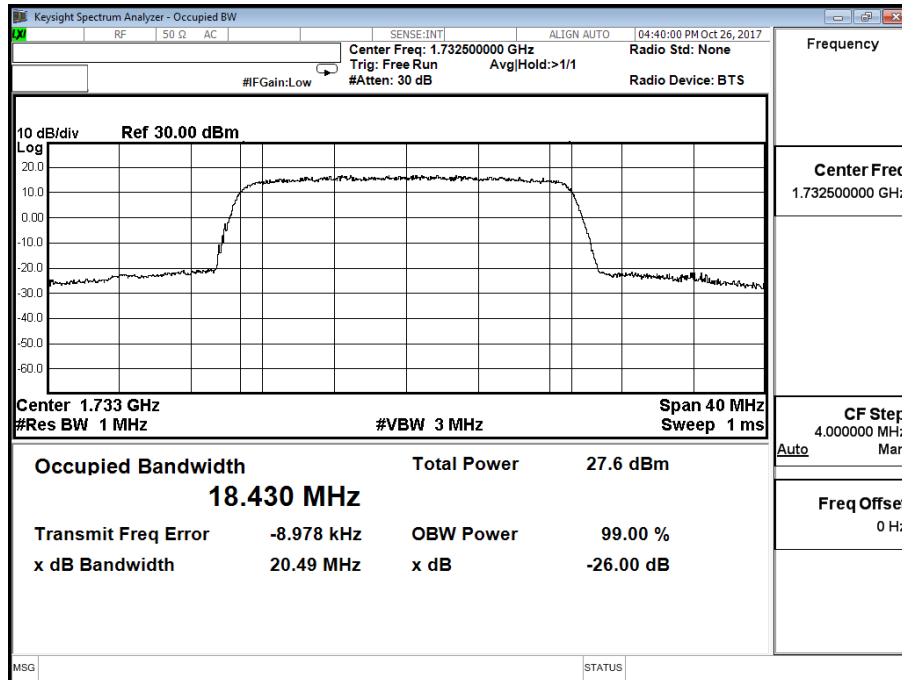


Band 4 15M 16QAM - LTE Mode CH 20175 (1732.5MHz)

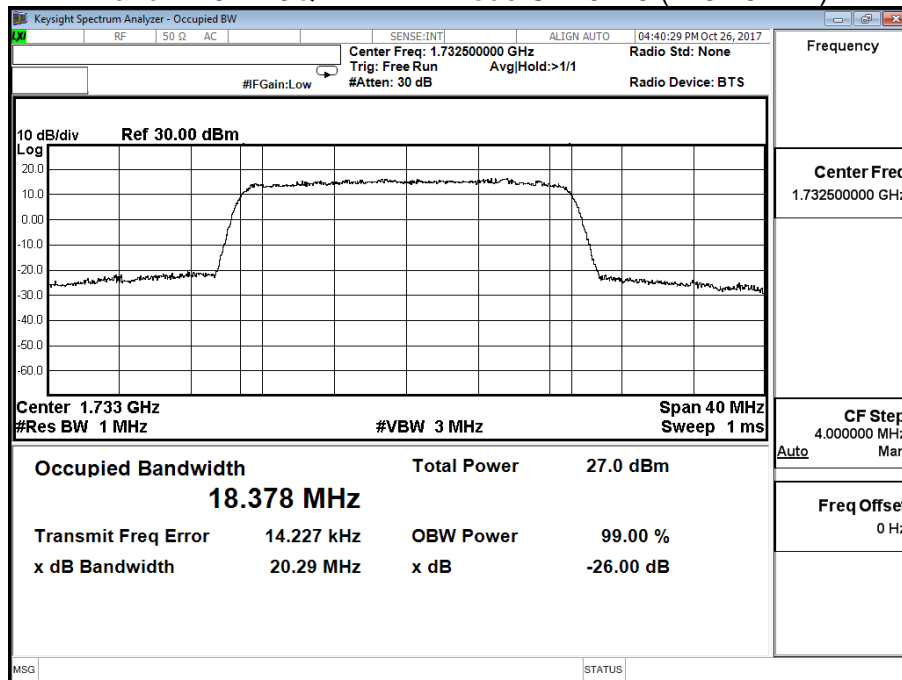


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 4 20M		

Band 4 20M QPSK - LTE Mode CH20175 (1732.5MHz)

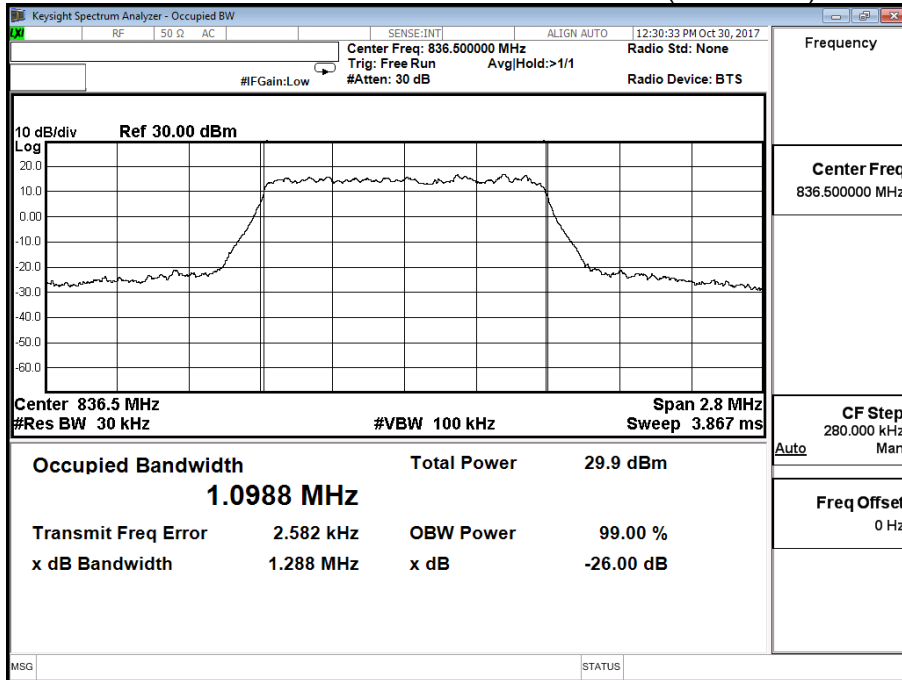


Band 4 20M 16QAM - LTE Mode CH20175 (1732.5MHz)

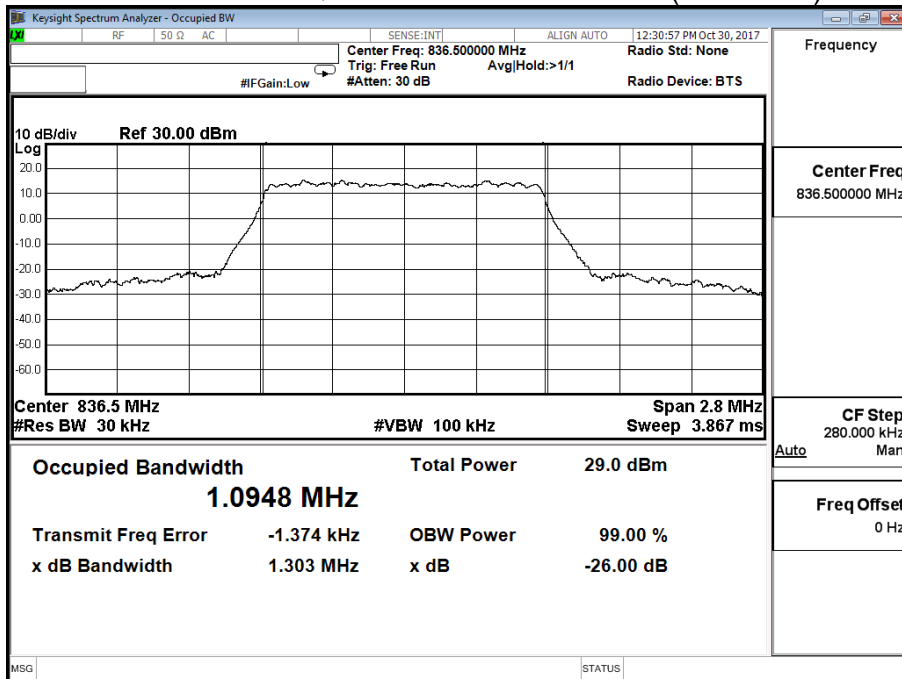


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 5 1.4M		

Band 5 1.4M QPSK - LTE Mode CH 20525 (836.5MHz)

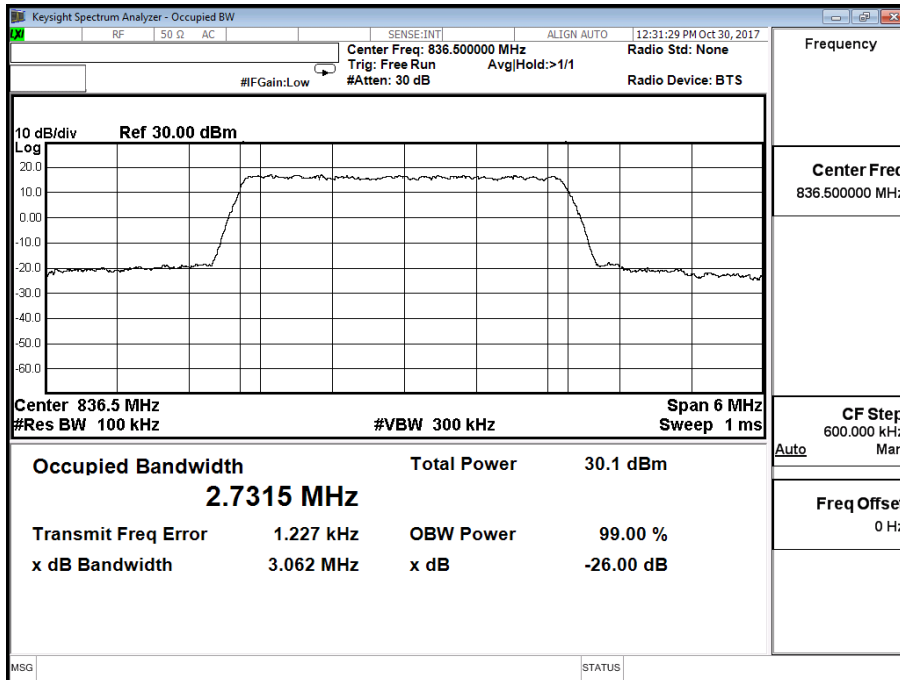


Band 5 1.4M 16QAM - LTE Mode CH20525 (836.5MHz)

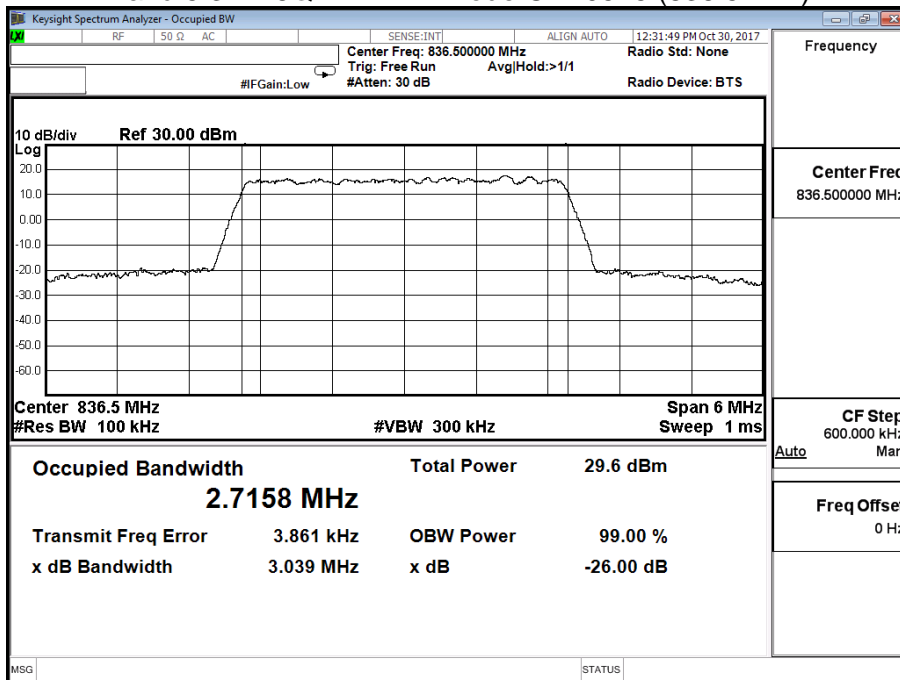


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 5 3M		

Band 5 3M QPSK - LTE Mode CH20525 (836.5MHz)

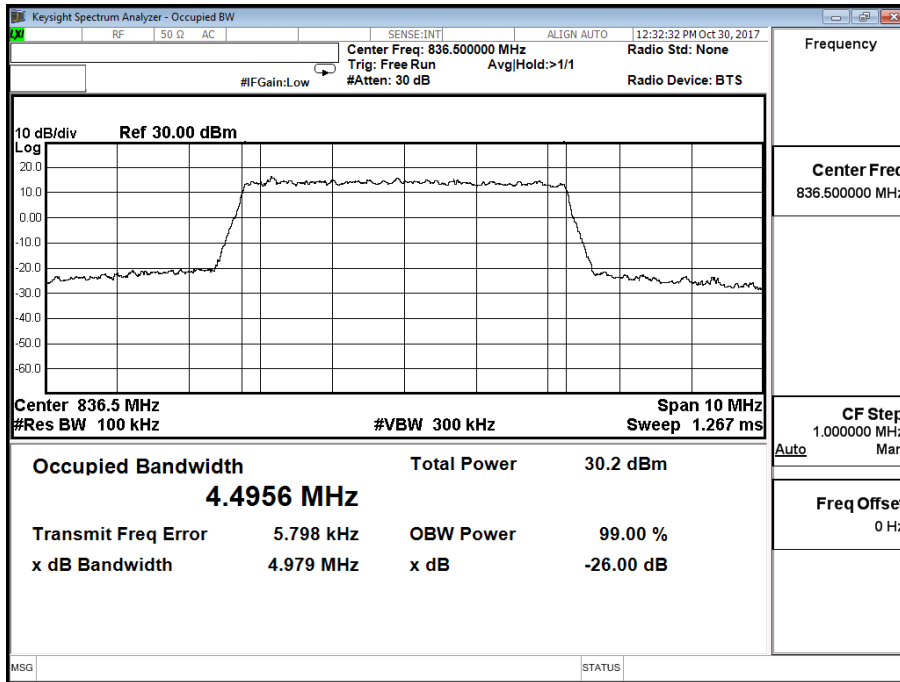


Band 5 3M 16QAM - LTE Mode CH20525 (836.5MHz)

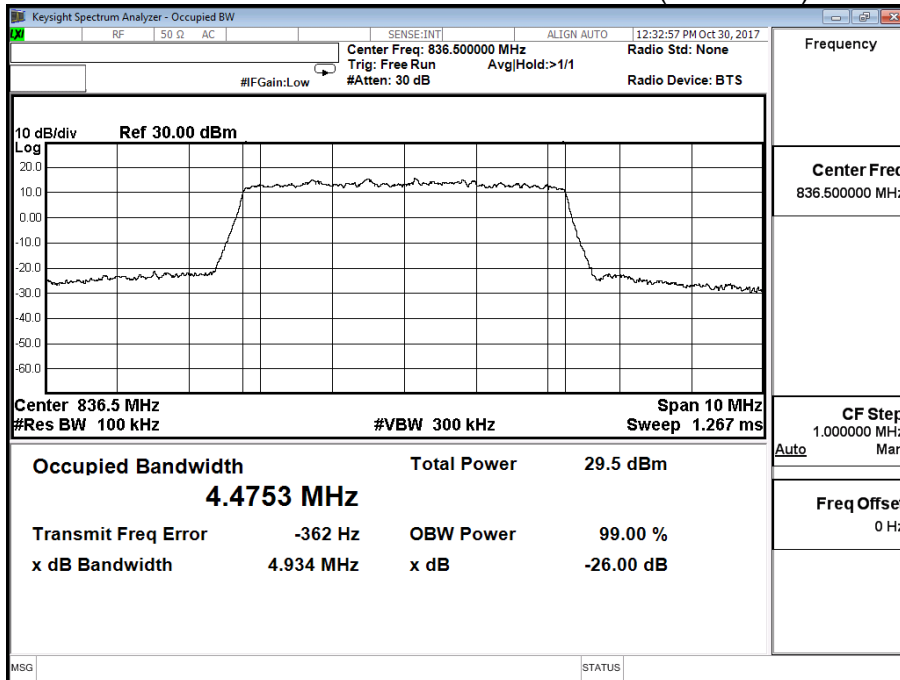


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 5 5M		

Band 5 5M QPSK - LTE Mode CH20525 (836.5MHz)

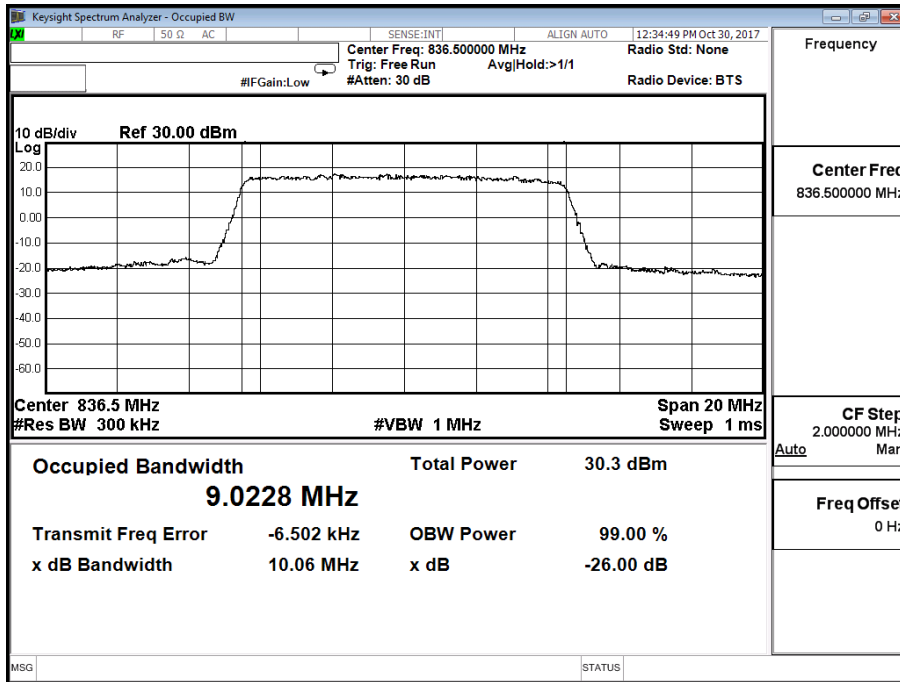


Band 5 5M 16QAM - LTE Mode CH20525 (836.5MHz)

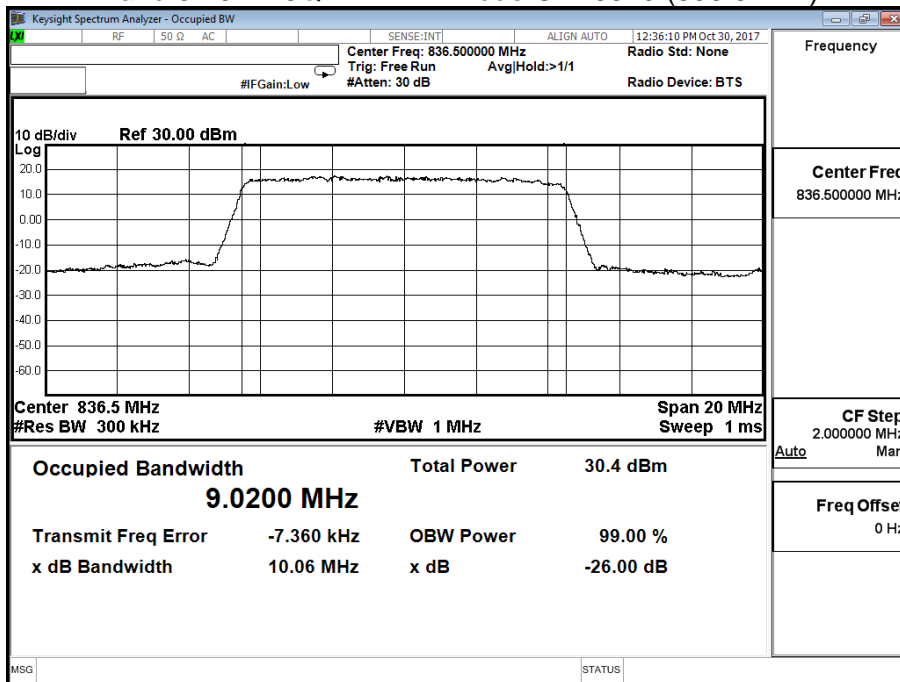


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 5 10M		

Band 5 10M QPSK - LTE Mode CH20525 (836.5MHz)

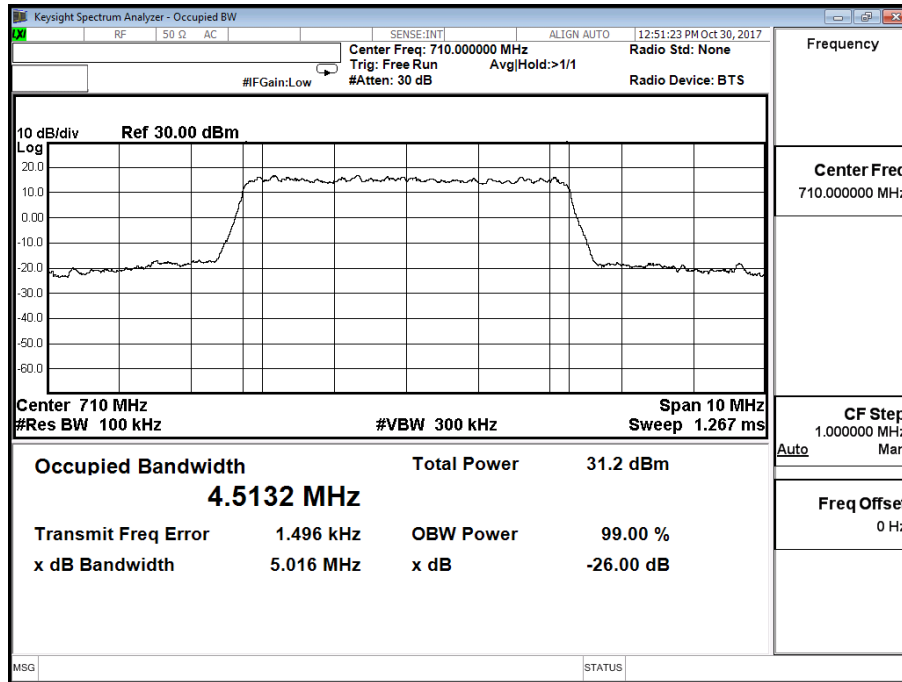


Band 5 10M 16QAM - LTE Mode CH20525 (836.5MHz)

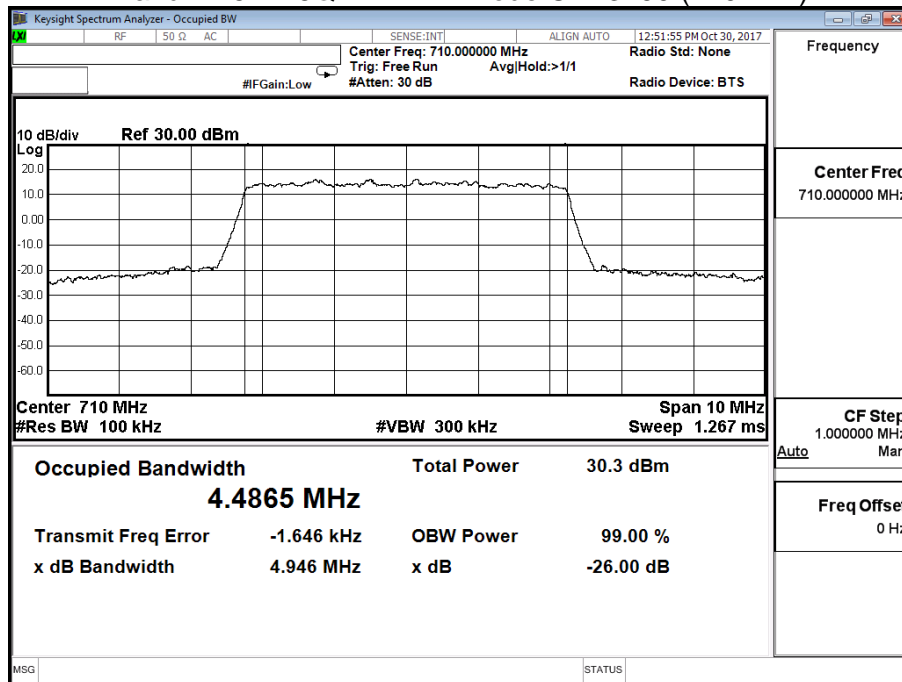


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 17 5M		

Band 17 5M QPSK - LTE Mode CH23790 (710MHz)

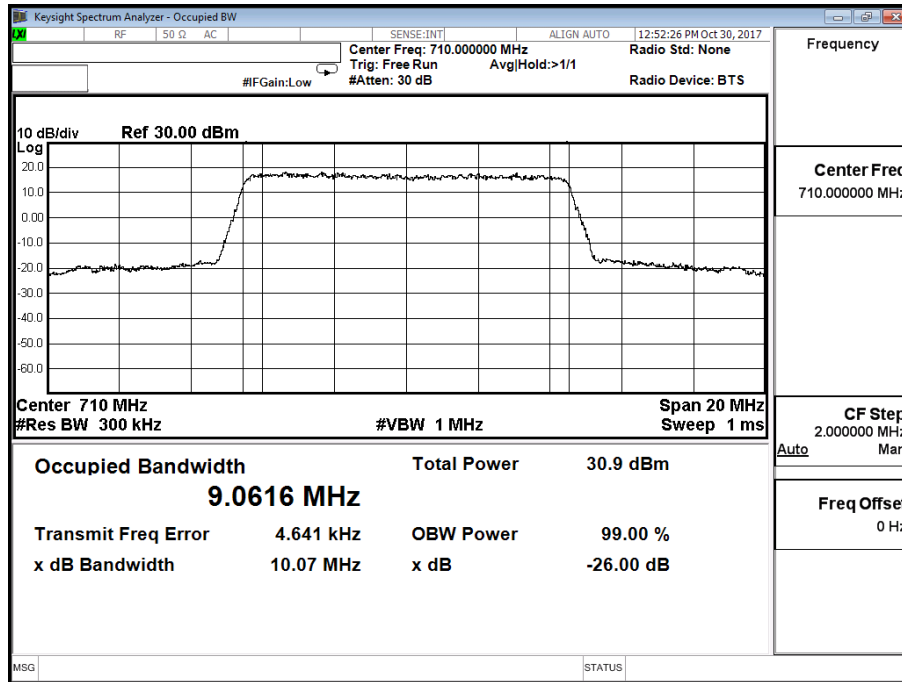


Band 17 5M 16QAM - LTE Mode CH23790 (710MHz)

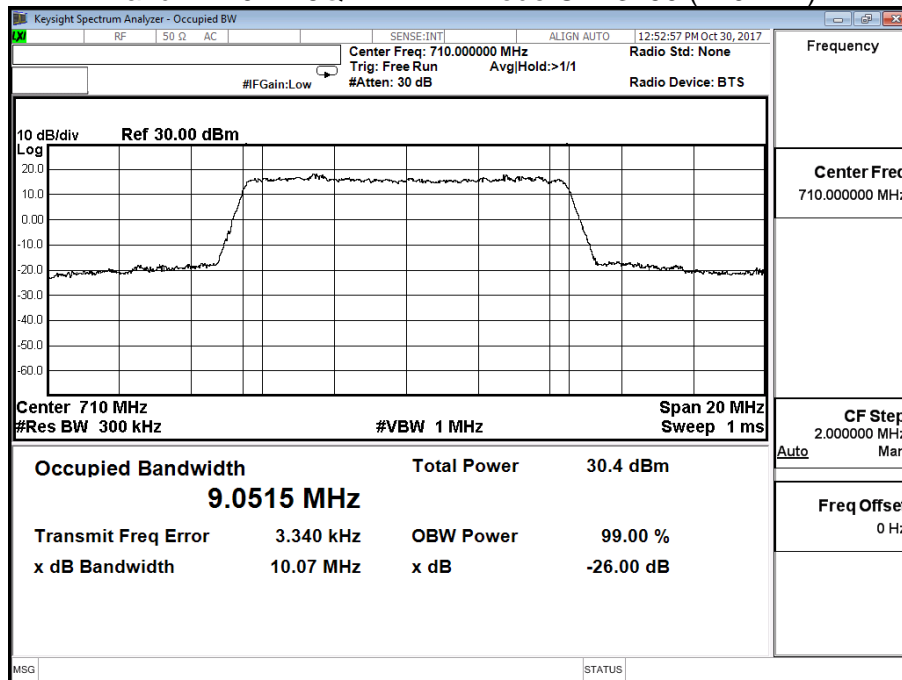


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 17 10M		

Band 17 10M QPSK - LTE Mode CH23790 (710MHz)

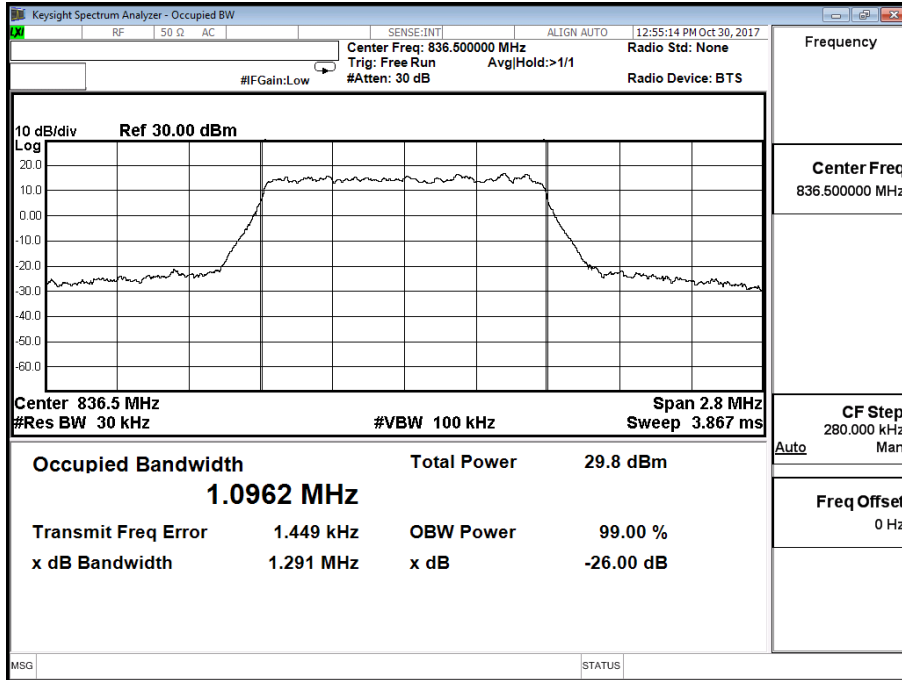


Band 17 10M 16QAM - LTE Mode CH23790 (710MHz)

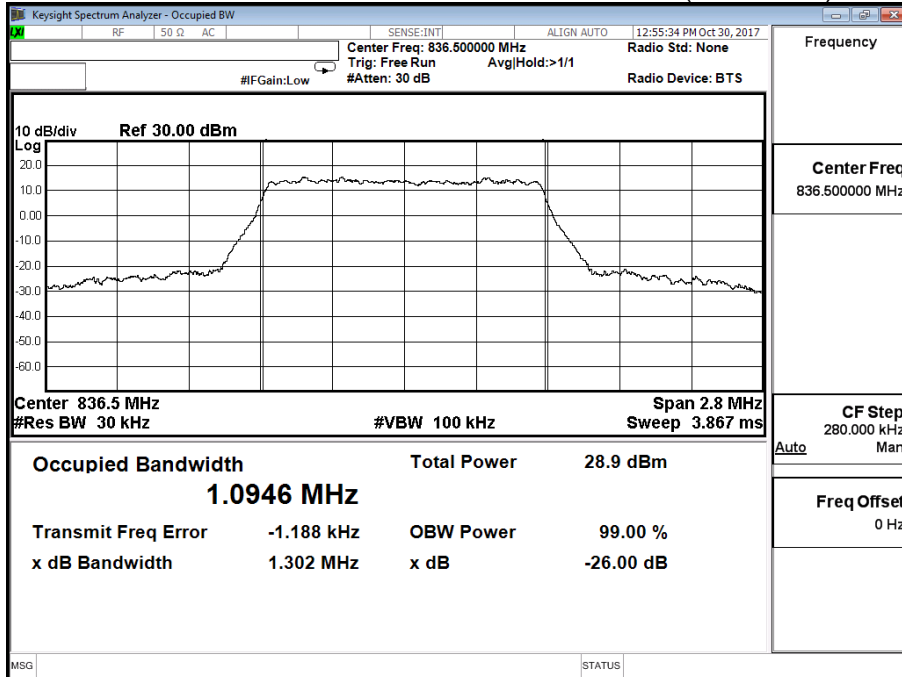


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 26 1.4M		

Band 26 1.4M QPSK - LTE Mode CH 26195 (836.5MHz)

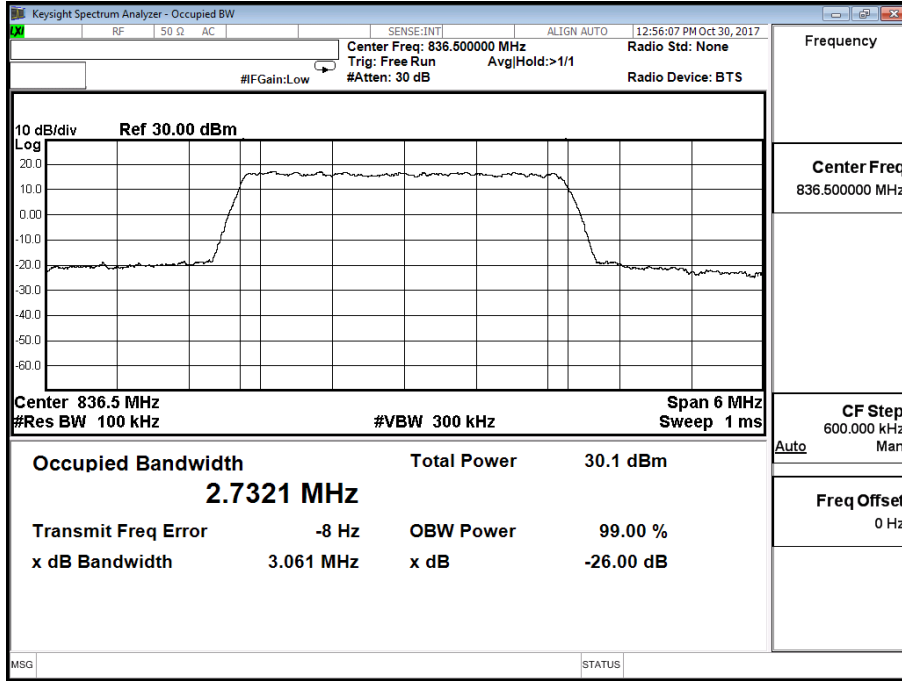


Band 26 1.4M 16QAM - LTE Mode CH 26195 (836.5MHz)

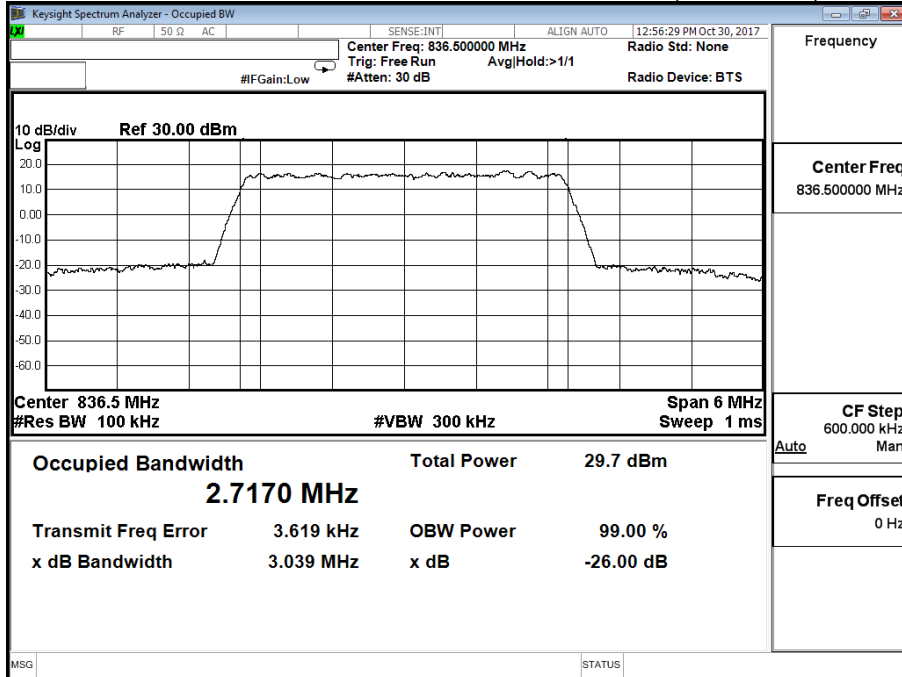


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 26 3M		

Band 26 3M QPSK - LTE Mode CH 26195 (836.5MHz)

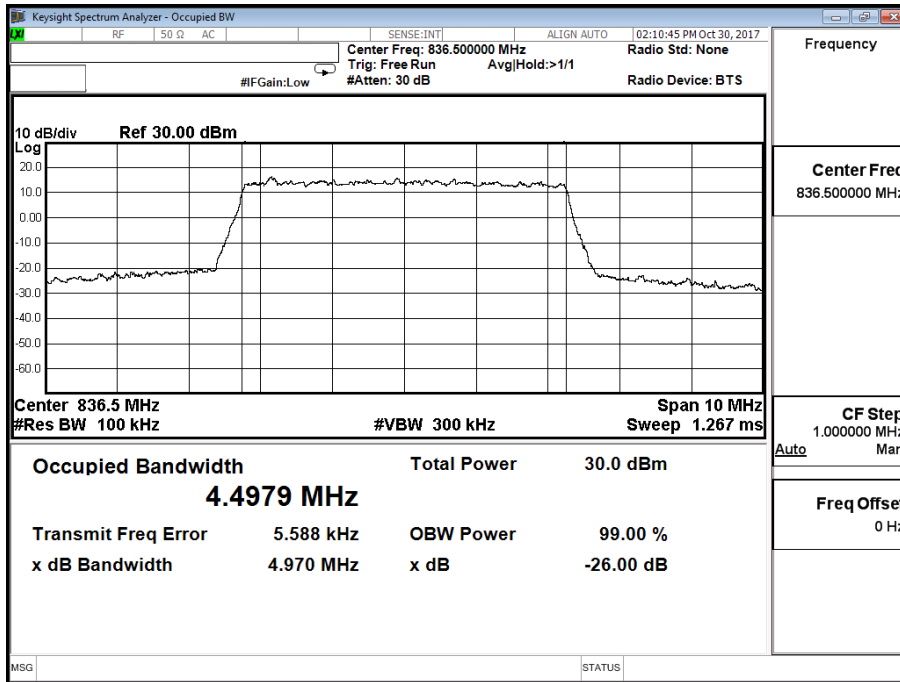


Band 26 3M 16QAM - LTE Mode CH 26195 (836.5MHz)

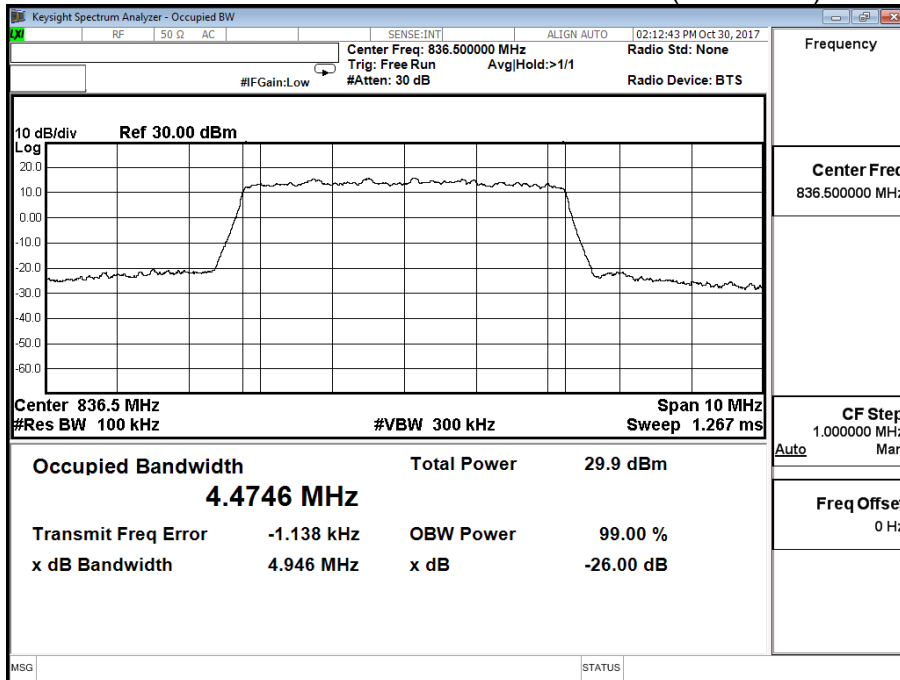


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 26 5M		

Band 26 5M QPSK - LTE Mode CH 26195 (836.5MHz)

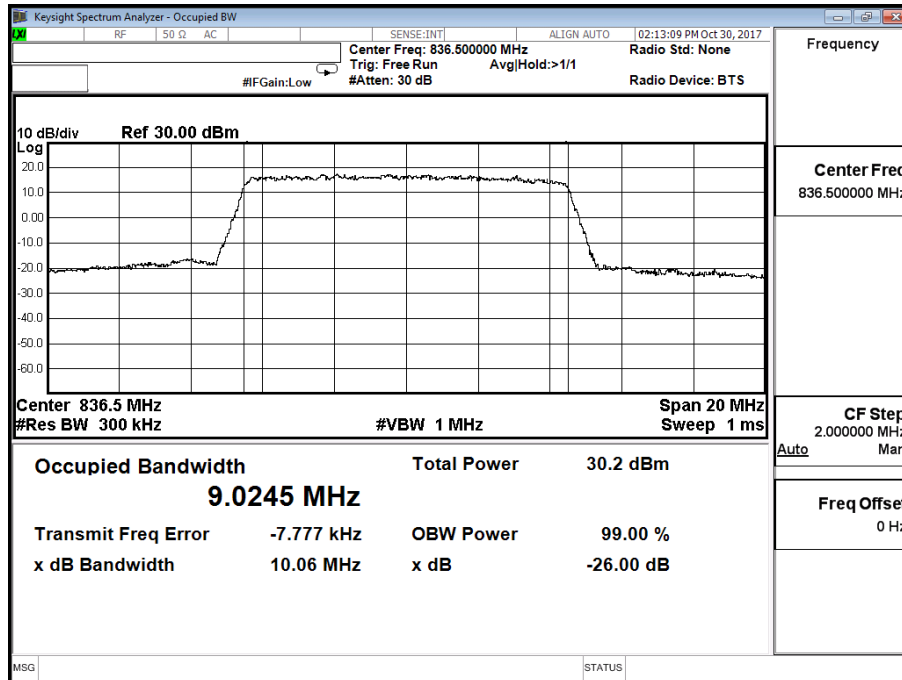


Band 26 5M 16QAM - LTE Mode CH 26195 (836.5MHz)

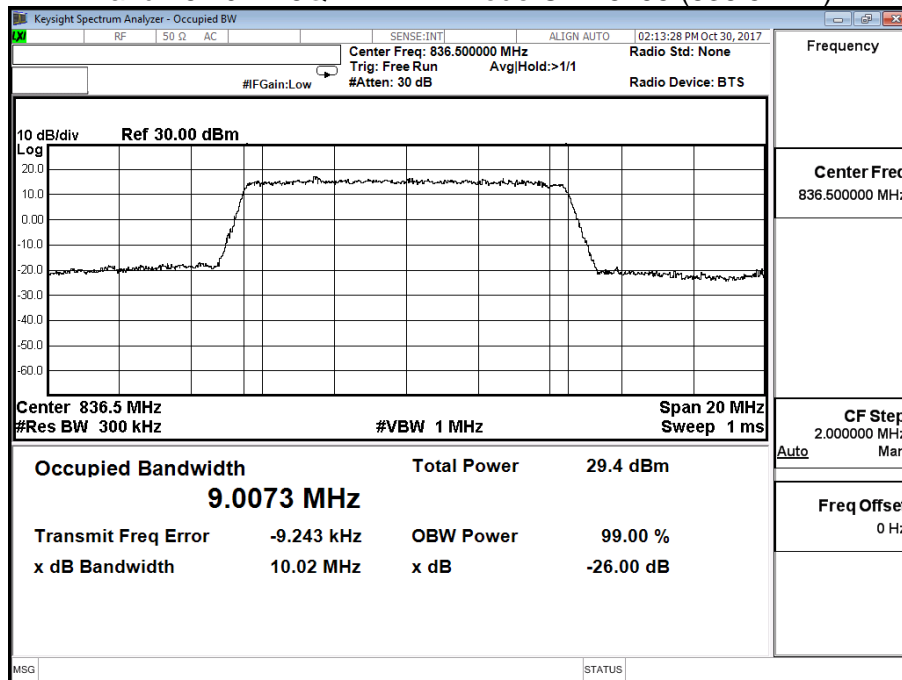


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 26 10M		

Band 26 10M QPSK - LTE Mode CH 26195 (836.5MHz)

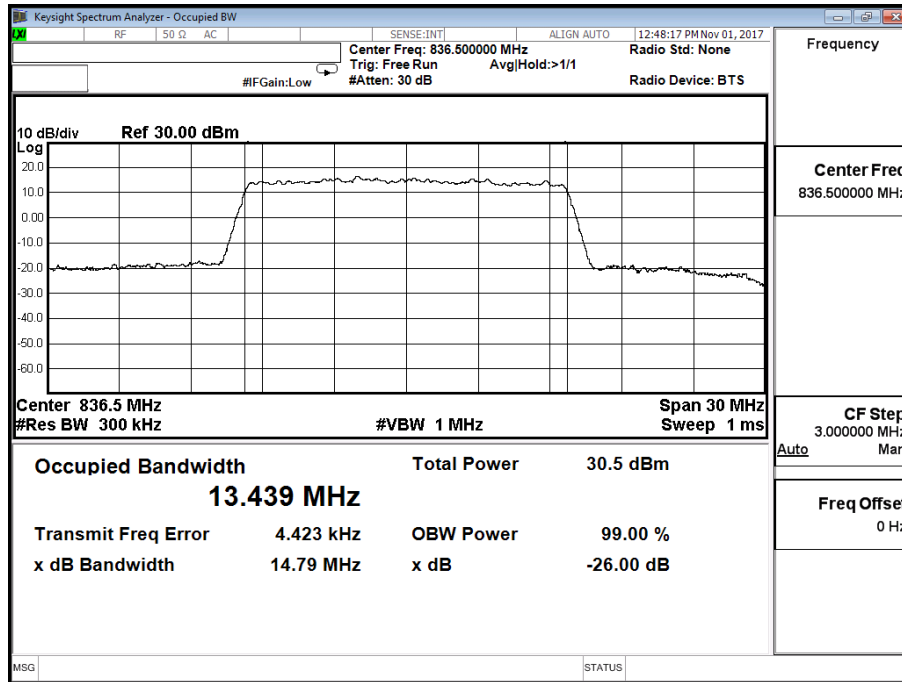


Band 26 10M 16QAM - LTE Mode CH 26195 (836.5MHz)

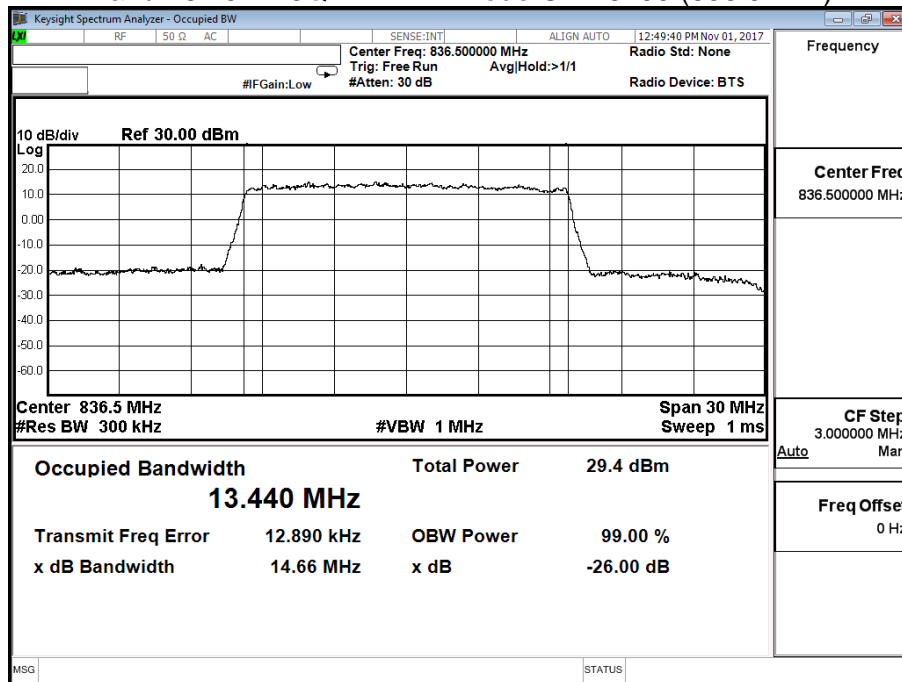


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 26 15M		

Band 26 15M QPSK - LTE Mode CH 26195 (836.5MHz)

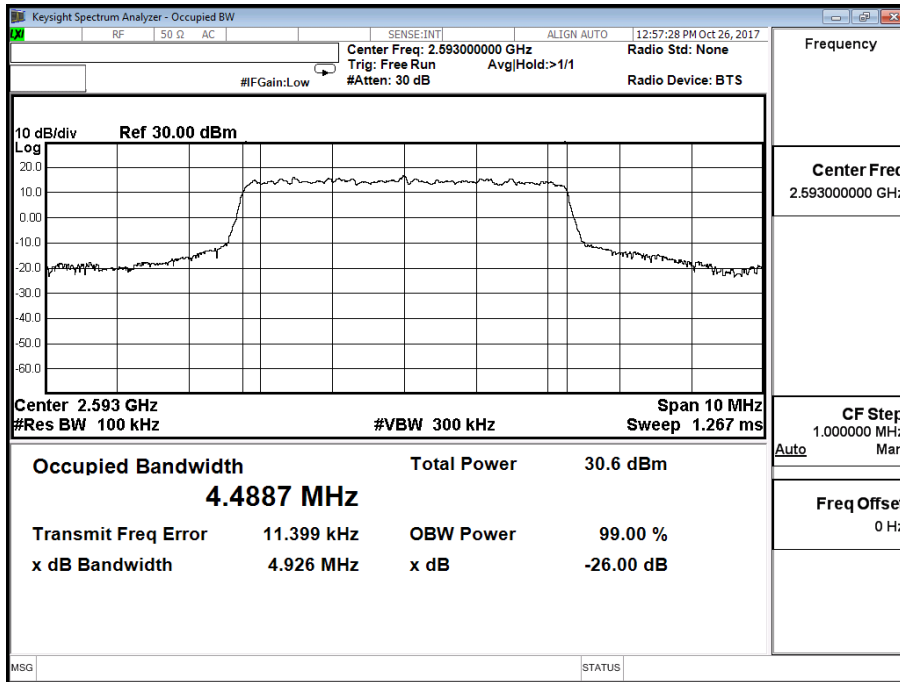


Band 26 15M 16QAM - LTE Mode CH 26195 (836.5MHz)

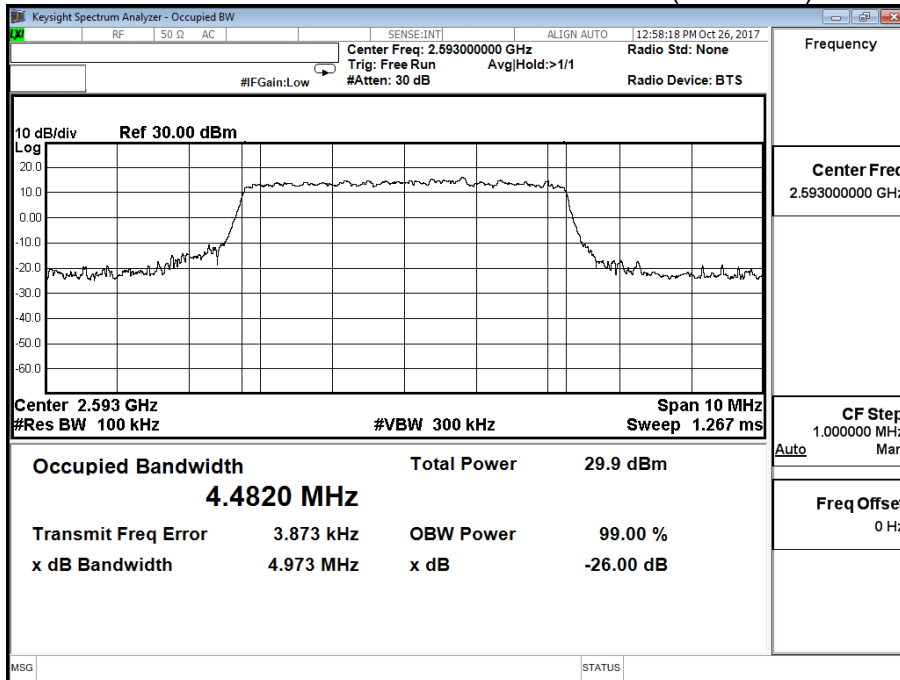


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 41 5M		

Band 41 5M QPSK - LTE Mode CH40620 (2593MHz)

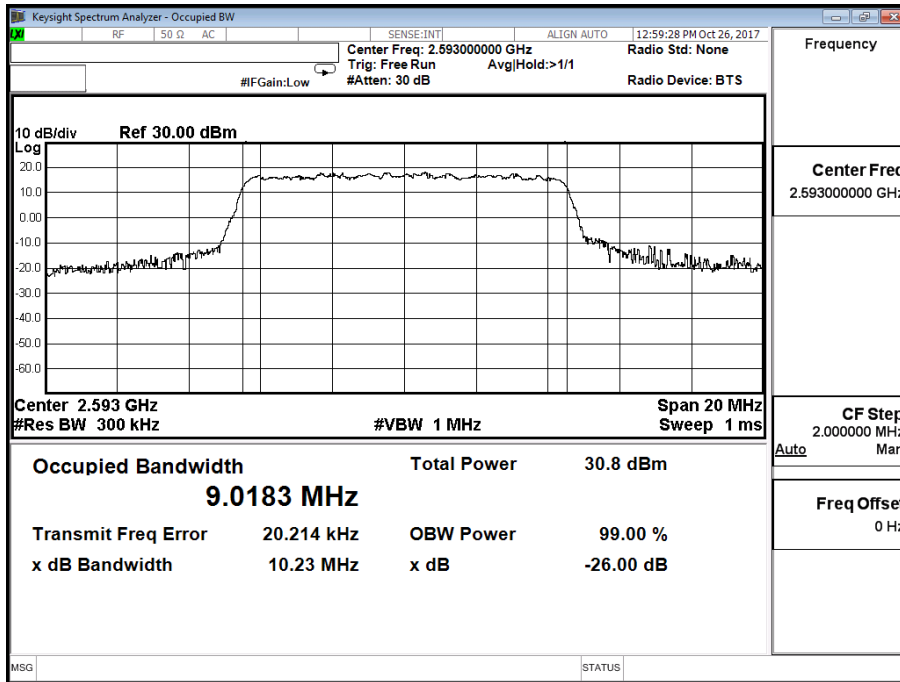


Band 41 5M 16QAM - LTE Mode CH40620 (2593MHz)

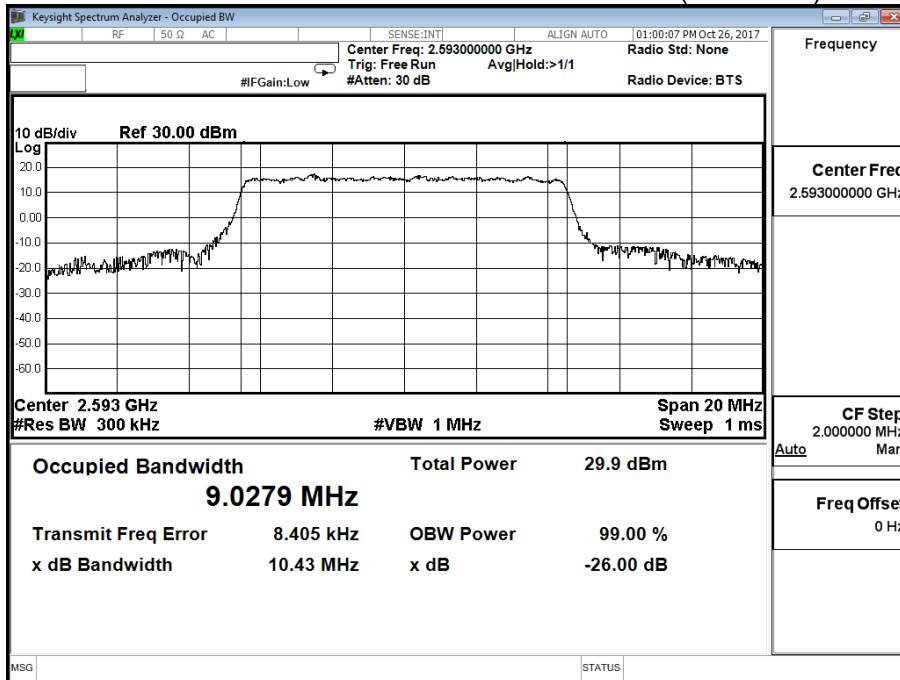


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 41 10M		

Band 41 10M QPSK - LTE Mode CH40620 (2593MHz)

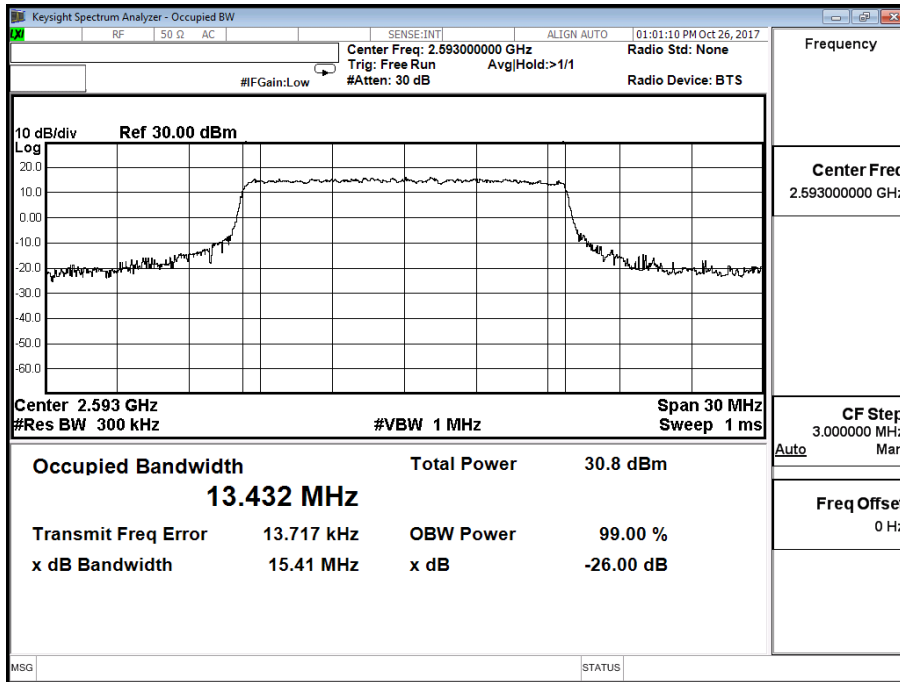


Band 41 10M 16QAM - LTE Mode CH40620 (2593MHz)

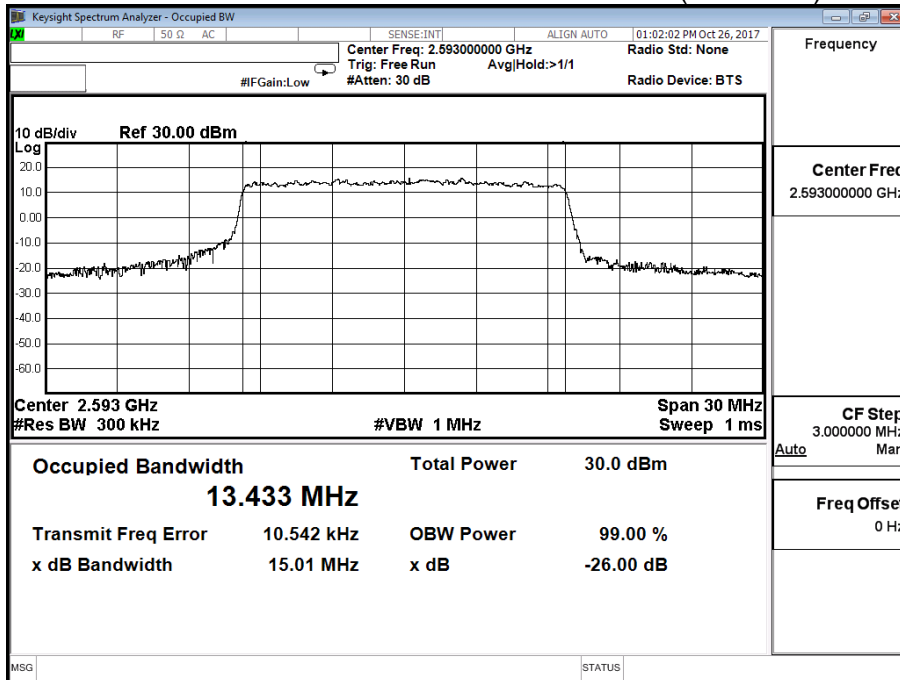


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 41 15M		

Band 41 15M QPSK - LTE Mode CH40620 (2593MHz)

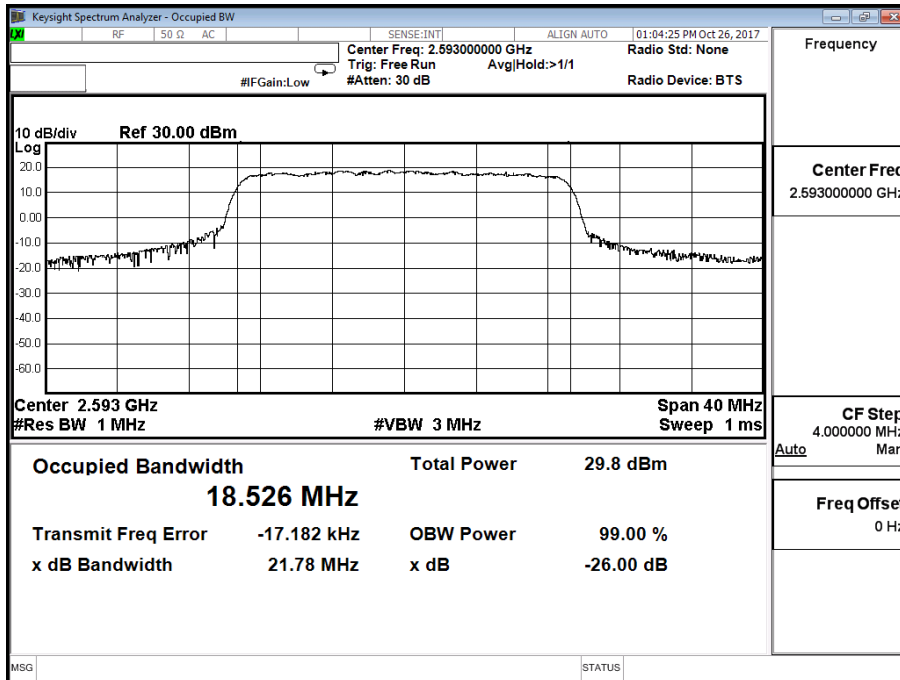


Band 41 15M 16QAM - LTE Mode CH40620 (2593MHz)

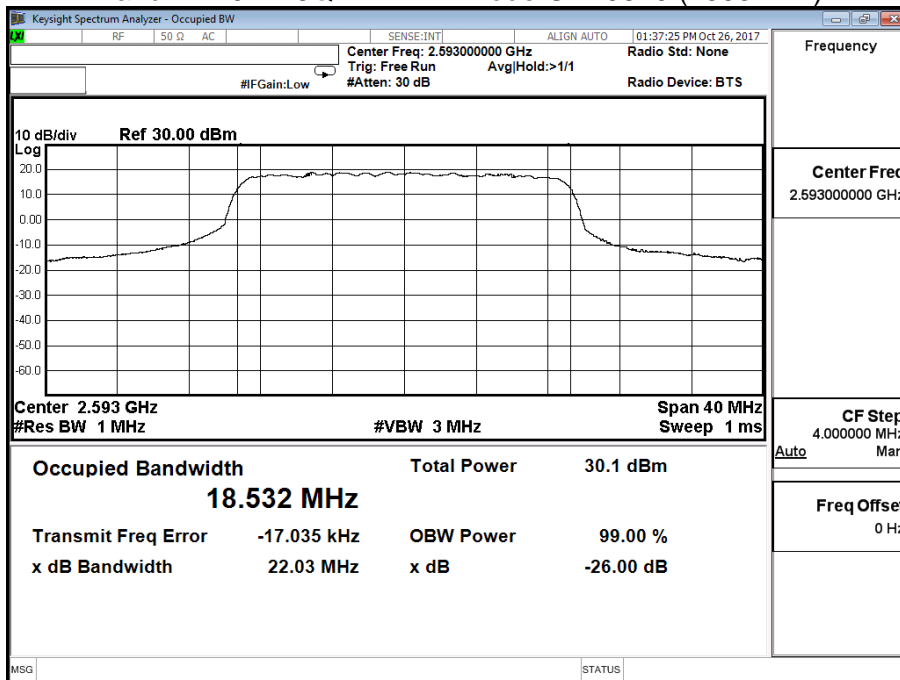


Product	DCM (Data Communication Module)		
Test Mode	Occupied Bandwidth		
Date of Test	2017/11/17	Test Site	CTR
Test Condition	Band 41 20M		

Band 41 20M QPSK - LTE Mode CH40620 (2593MHz)



Band 41 20M 16QAM - LTE Mode CH40620 (2593MHz)

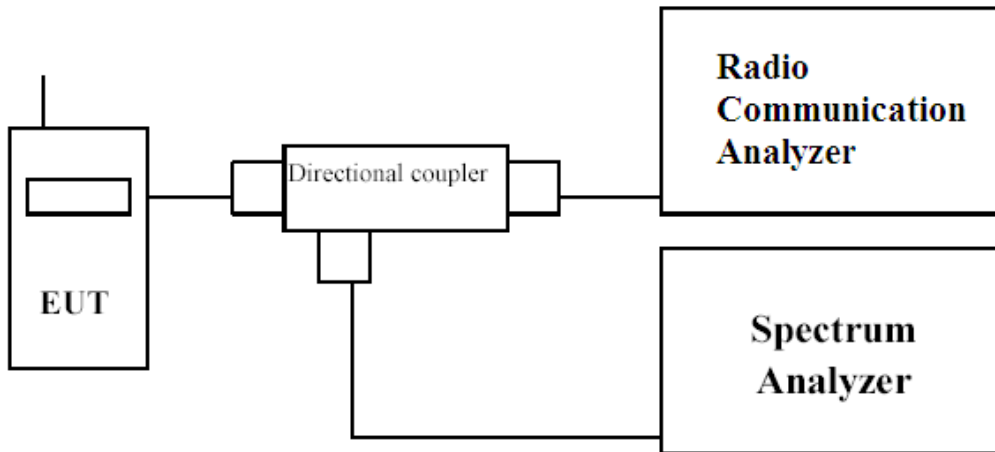


5. Spurious Emission At Antenna Terminals (+/-1MHz)

5.1. Test Specification

According to Part 2.1051, 22.917, 24.238, 27.53

5.2. Setup



5.3. Limits

The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least $43 + 10 \log (P)$ dB, where P represents the transmitter power expressed in watts

For LTE Band 41:

27.53(m) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

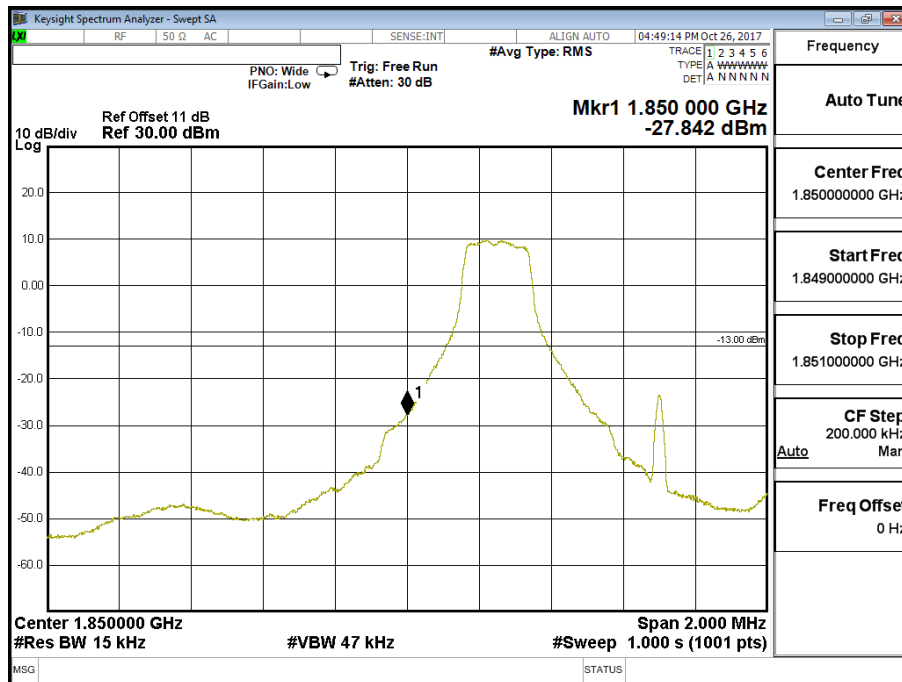
5.4. Test Procedure

In accordance with Part 22.917, 24.238, 27.53 at least 1% of the emission bandwidth was used for the resolution and video bandwidths up to 1MHz away from the Block Edge. At greater than 1MHz, the resolution and video bandwidth were increased to 1MHz/3MHz. The reference power and path losses of all channels used for testing in each frequency block were measured.

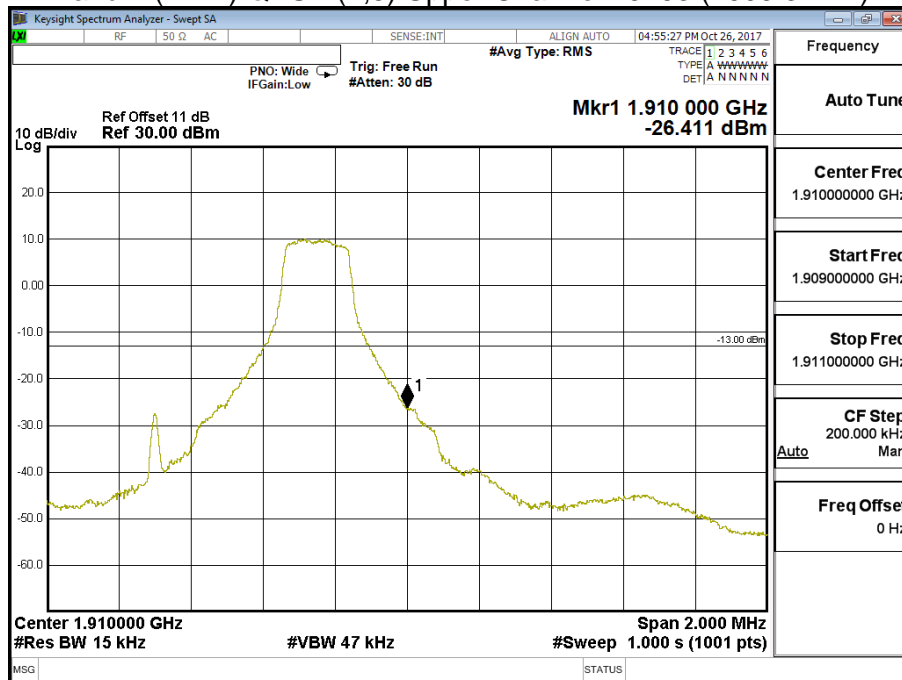
5.5. Test Result of Spurious Emission At Antenna Terminals (+/-1MHz)

Product	DCM (Data Communication Module)		
Test Mode	Spurious Emission At Antenna Terminals (+/-1MHz)		
Date of Test	2017/10/26	Test Site	CTR
Test Condition	Block Edge Test (Band 2 (1.4M))		

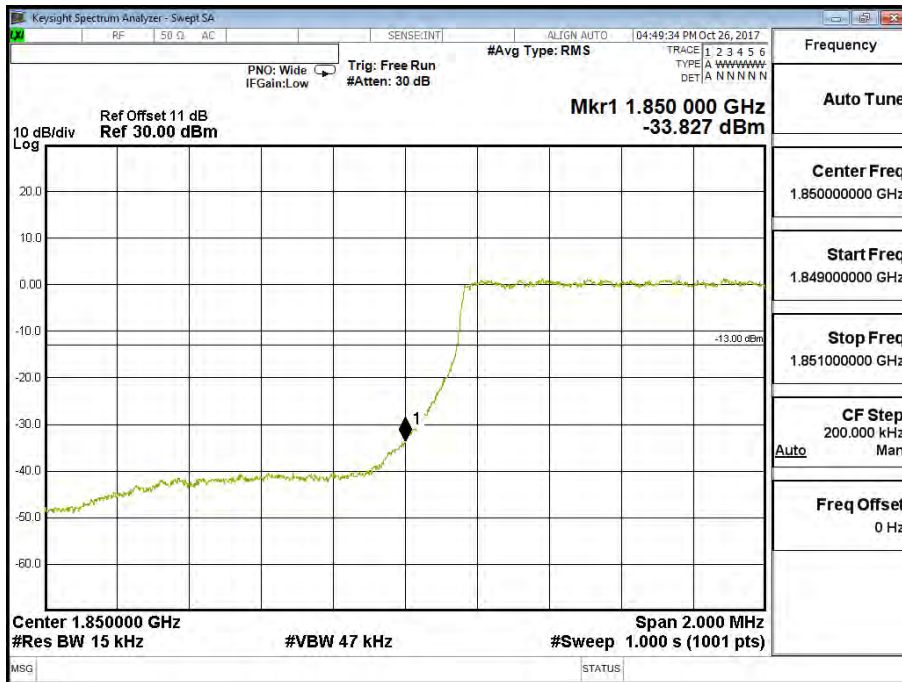
Band 2 (1.4M) QPSK (1,0) Lower Channel 18607 (1850.7MHz)



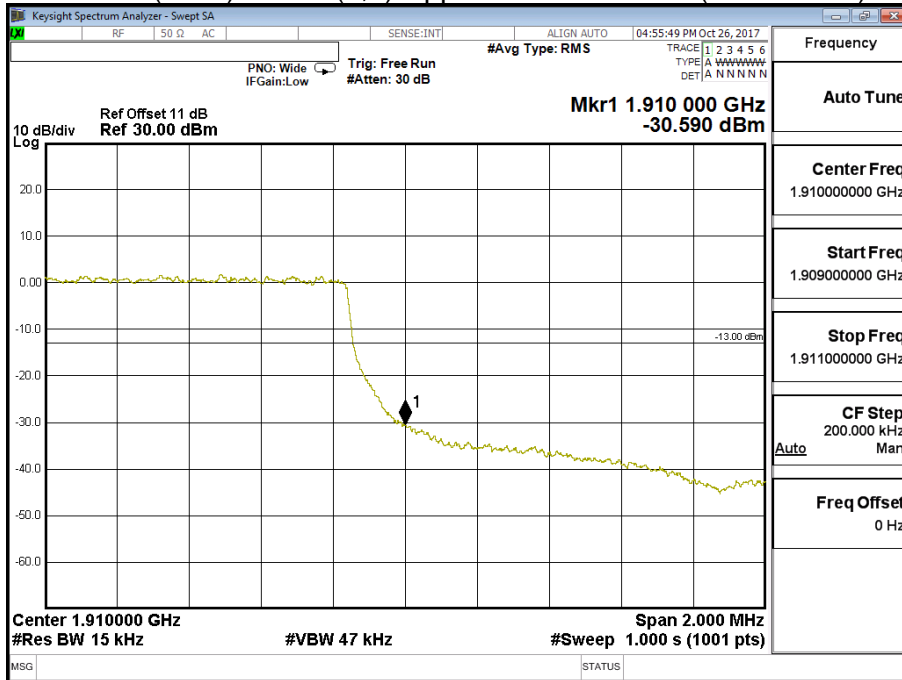
Band 2 (1.4M) QPSK (1,5) Upper Channel 19193 (1909.3MHz)



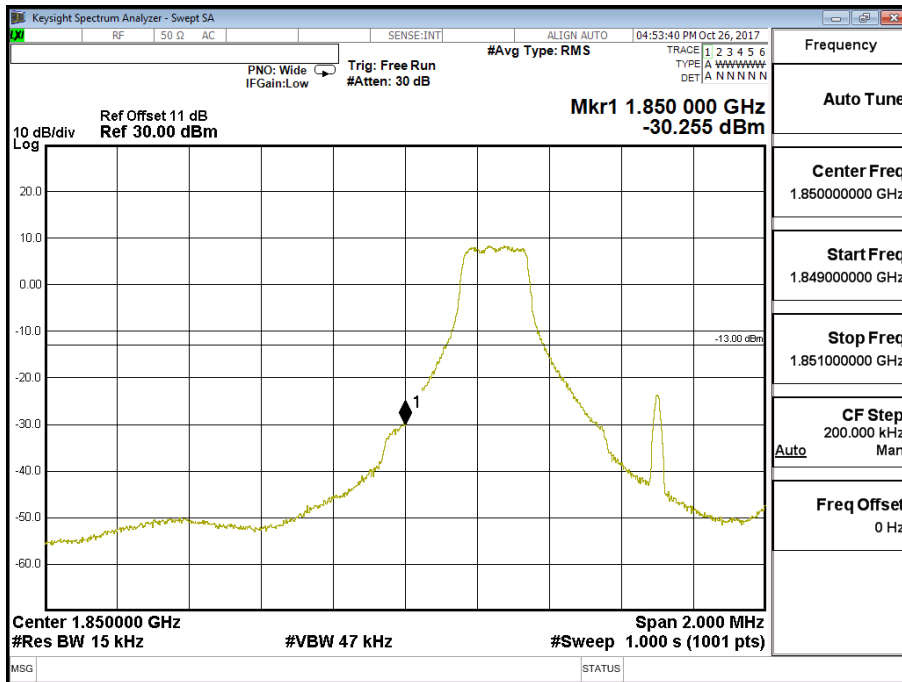
Band 2 (1.4M) QPSK (6,0) Lower Channel 18607 (1850.7MHz)



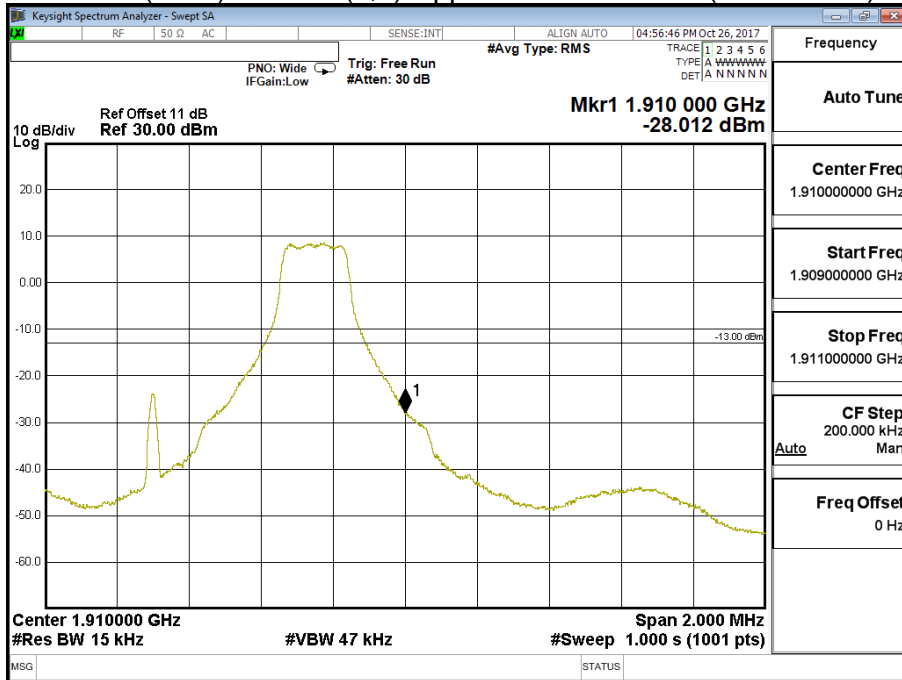
Band 2 (1.4M) QPSK (6,0) Upper Channel 19193 (1909.3MHz)



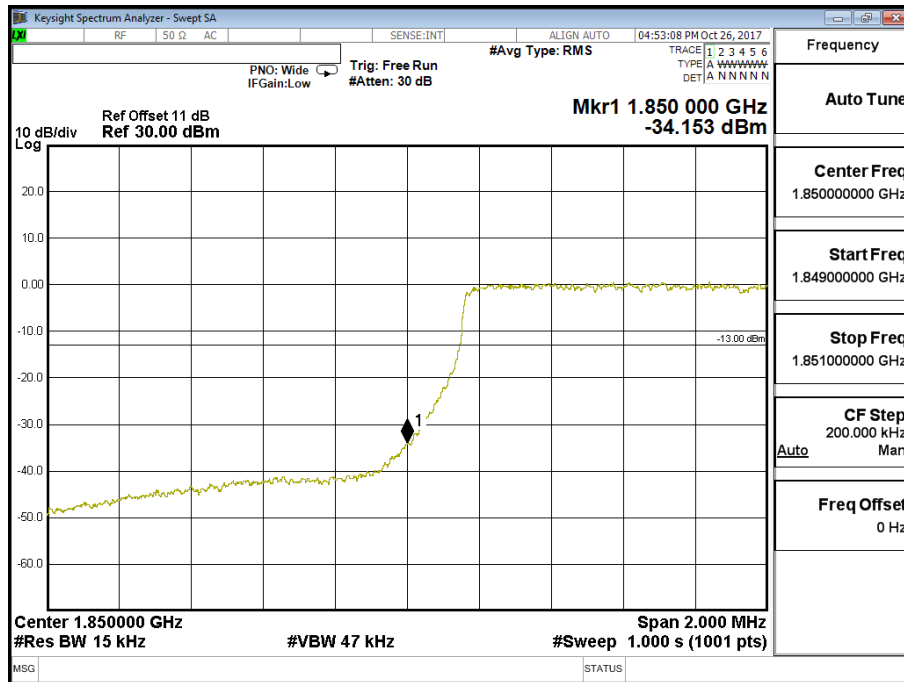
Band 2 (1.4M) 16QAM (1,0) Lower Channel 18607 (1850.7MHz)



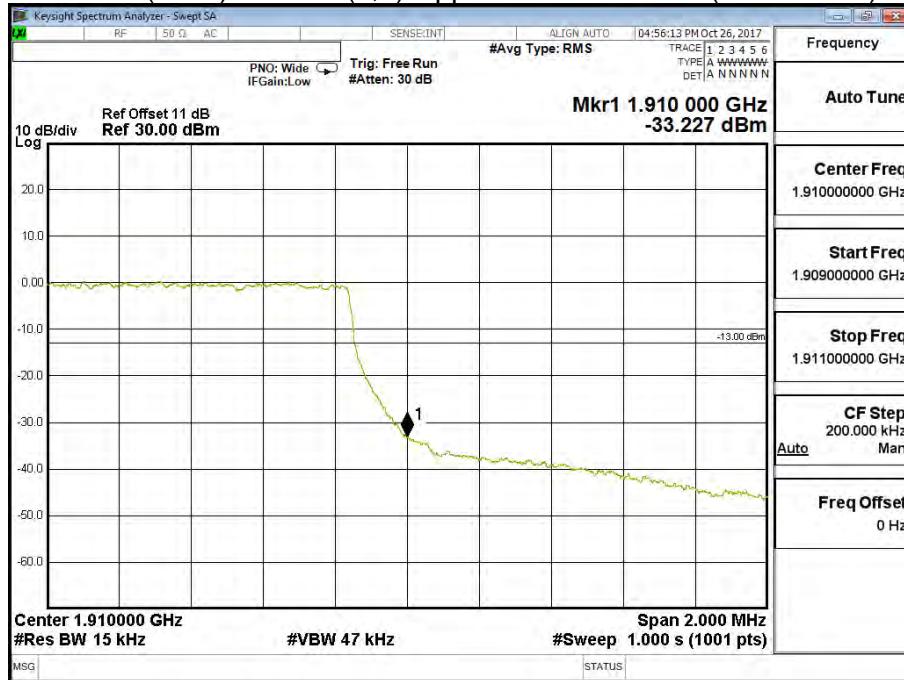
Band 2 (1.4M) 16QAM (1,5) Upper Channel 19193 (1909.3MHz)



Band 2 (1.4M) 16QAM (6,0) Lower Channel 18607 (1850.7MHz)

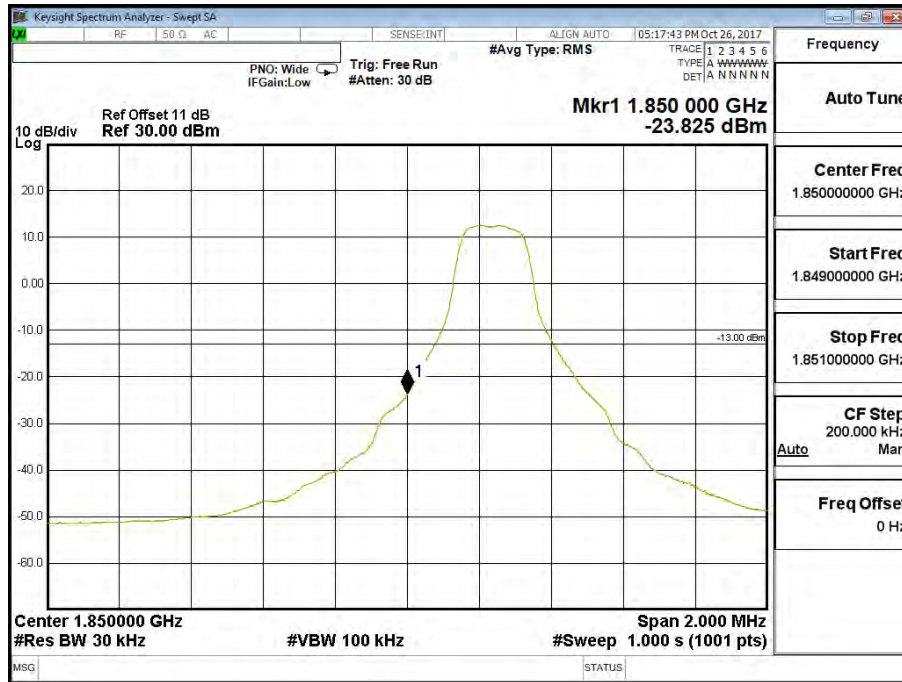


Band 2 (1.4M) 16QAM (6,0) Upper Channel 19193 (1909.3MHz)

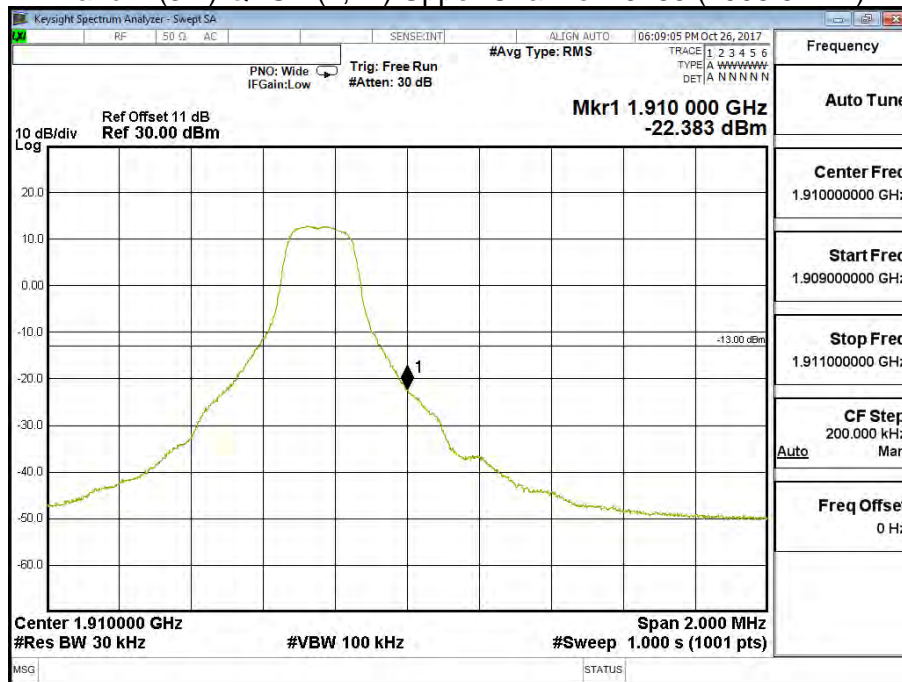


Product	DCM (Data Communication Module)		
Test Mode	Spurious Emission At Antenna Terminals (+/-1MHz)		
Date of Test	2017/10/26	Test Site	CTR
Test Condition	Block Edge Test (Band 2 (3M))		

Band 2 (3M) QPSK (1,0) Lower Channel 18615 (1851.5MHz)



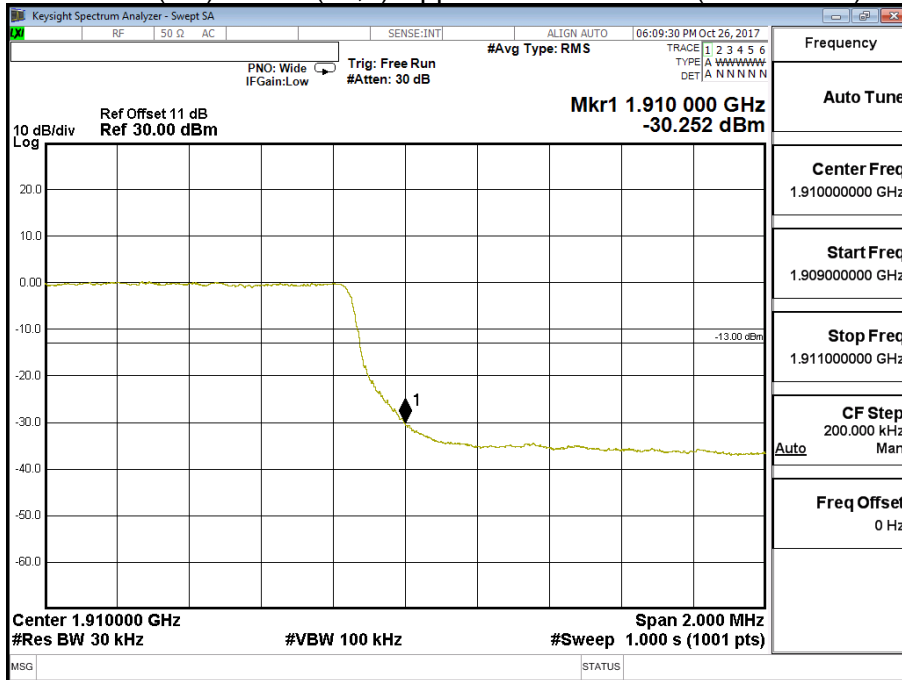
Band 2 (3M) QPSK (1,14) Upper Channel 19185 (1908.5MHz)



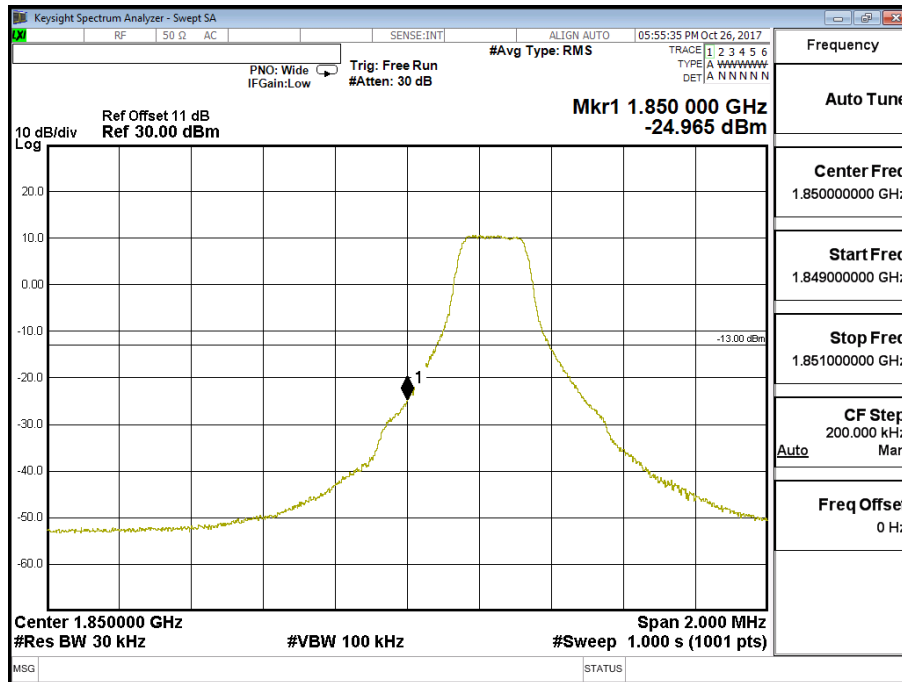
Band 2 (3M) QPSK (15,0) Lower Channel 18615 (1851.5MHz)



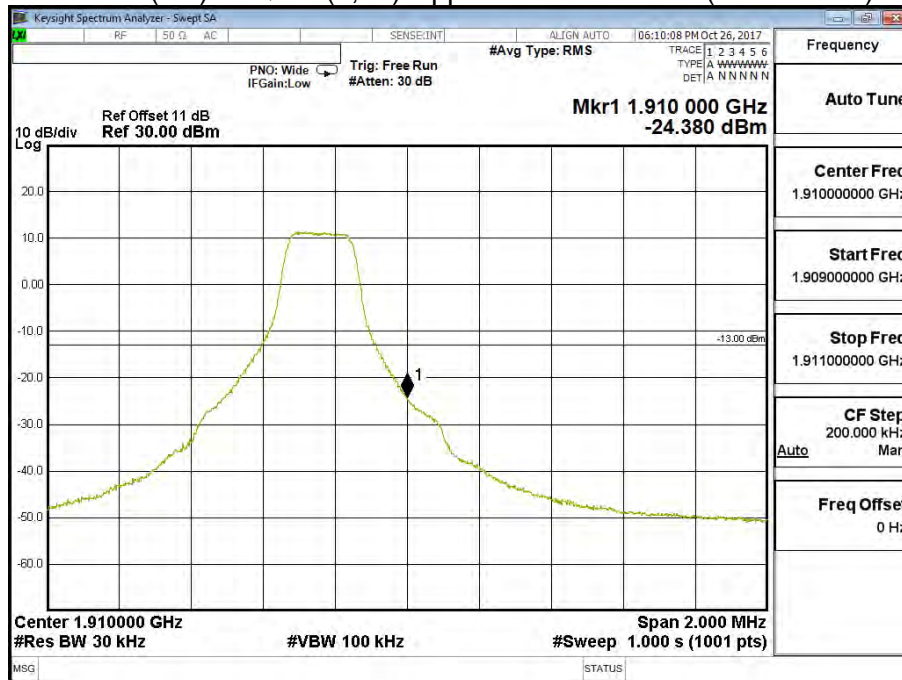
Band 2 (3M) QPSK (15,0) Upper Channel 19185 (1908.5MHz)



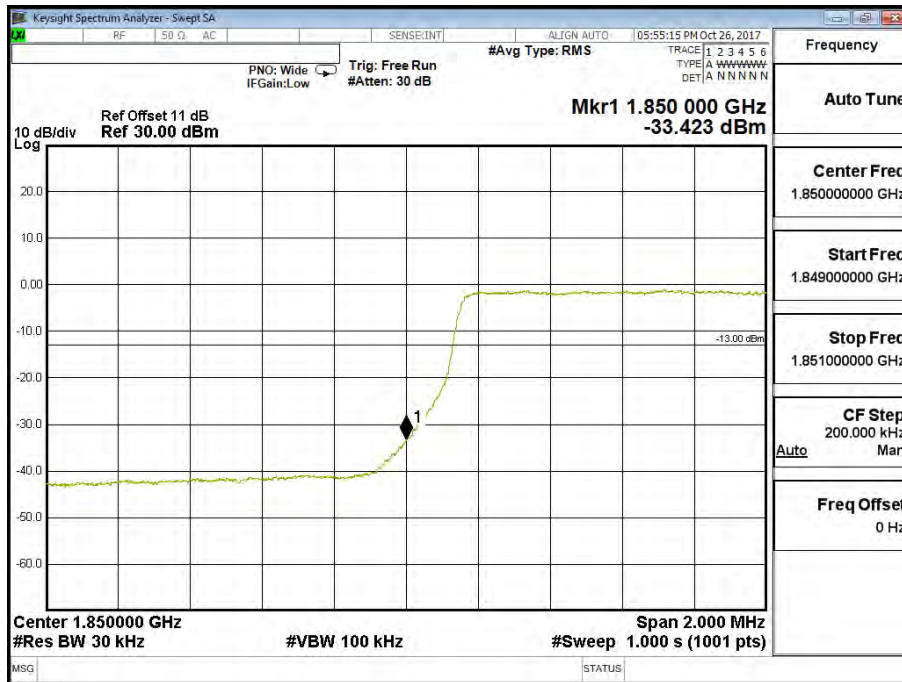
Band 2 (3M) 16QAM (1,0) Lower Channel 18615 (1851.5MHz)



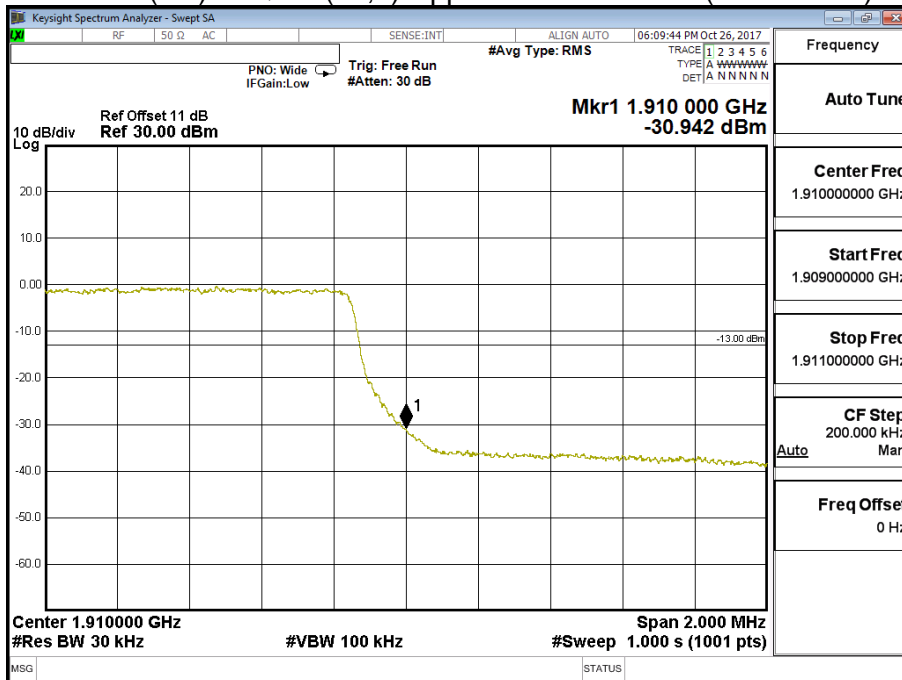
Band 2 (3M) 16QAM (1,14) Upper Channel 19185 (1908.5MHz)



Band 2 (3M) 16QAM (15,0) Lower Channel 18615 (1851.5MHz)



Band 2 (3M) 16QAM (15,0) Upper Channel 19185 (1908.5MHz)

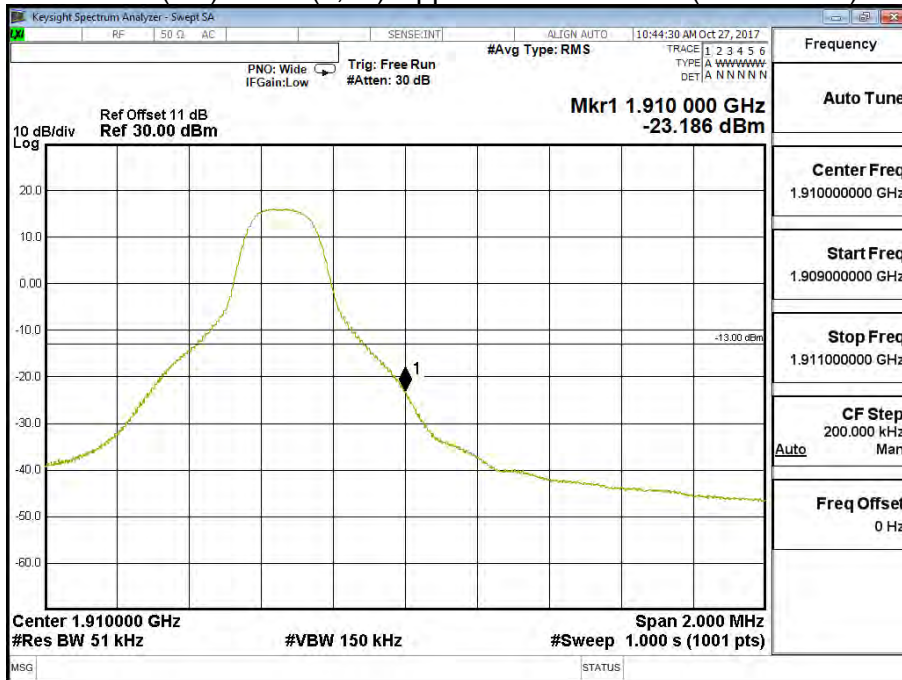


Product	DCM (Data Communication Module)		
Test Mode	Spurious Emission At Antenna Terminals (+/-1MHz)		
Date of Test	2017/10/26	Test Site	CTR
Test Condition	Block Edge Test (Band 2 (5M))		

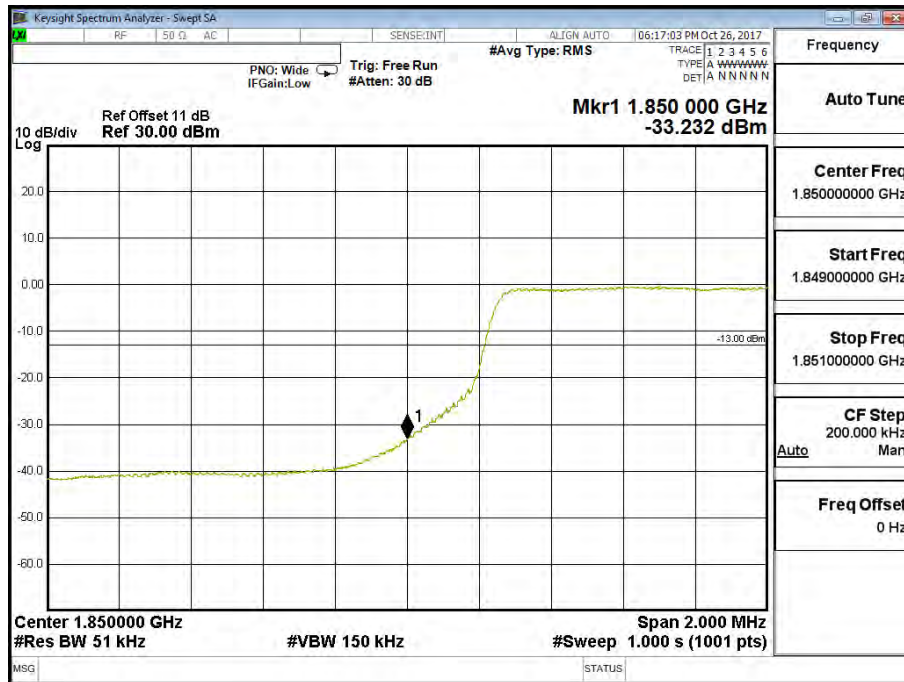
Band 2 (5M) QPSK(1,0) Lower Channel 18625 (1852.5MHz)



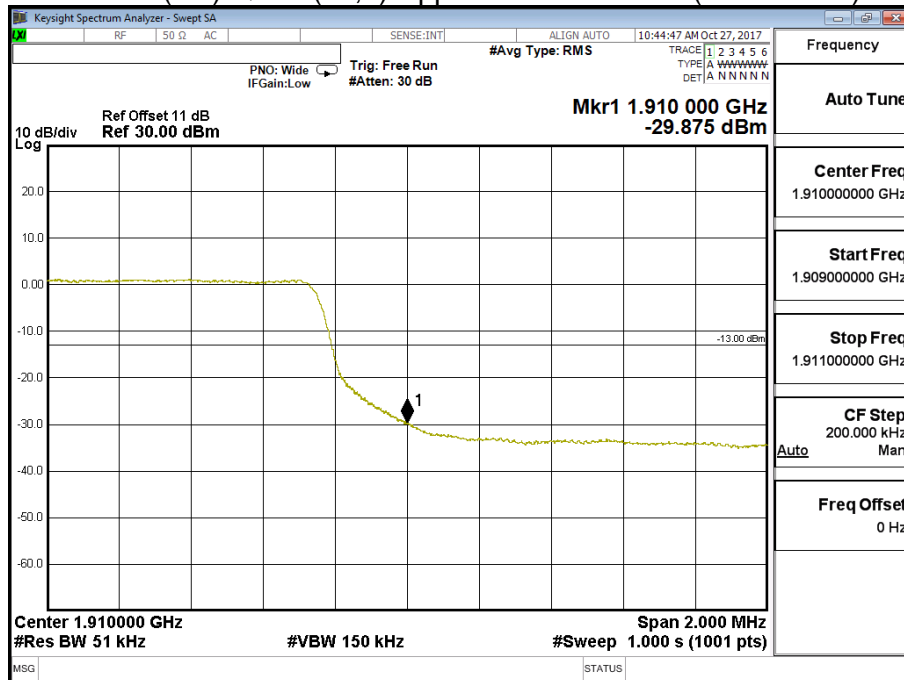
Band 2 (5M) QPSK(1,24) Upper Channel 19175 (1907.5MHz)



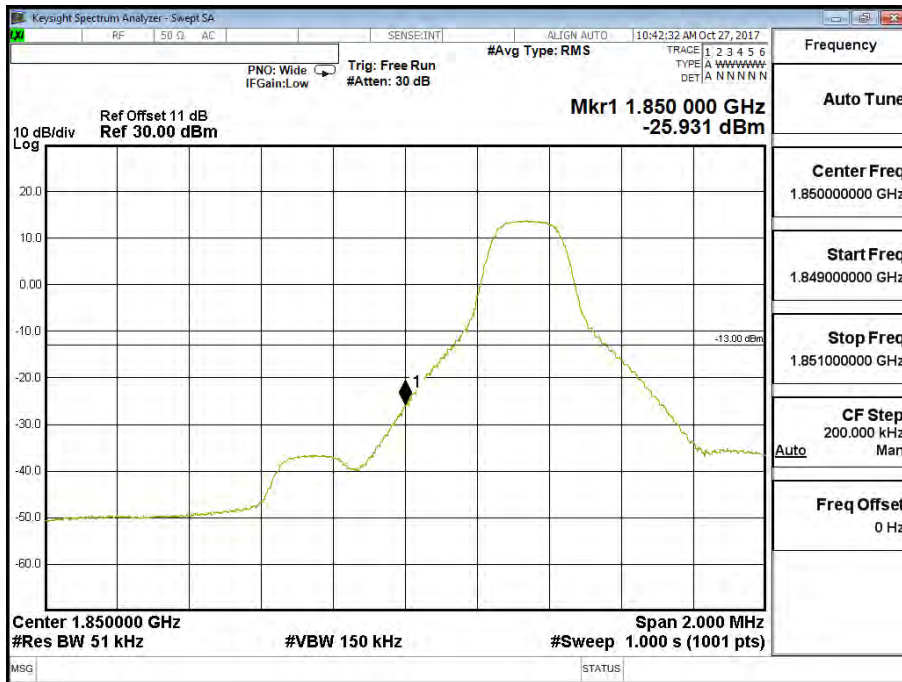
Band 2 (5M) QPSK(25,0) Lower Channel 18625 (1852.5MHz)



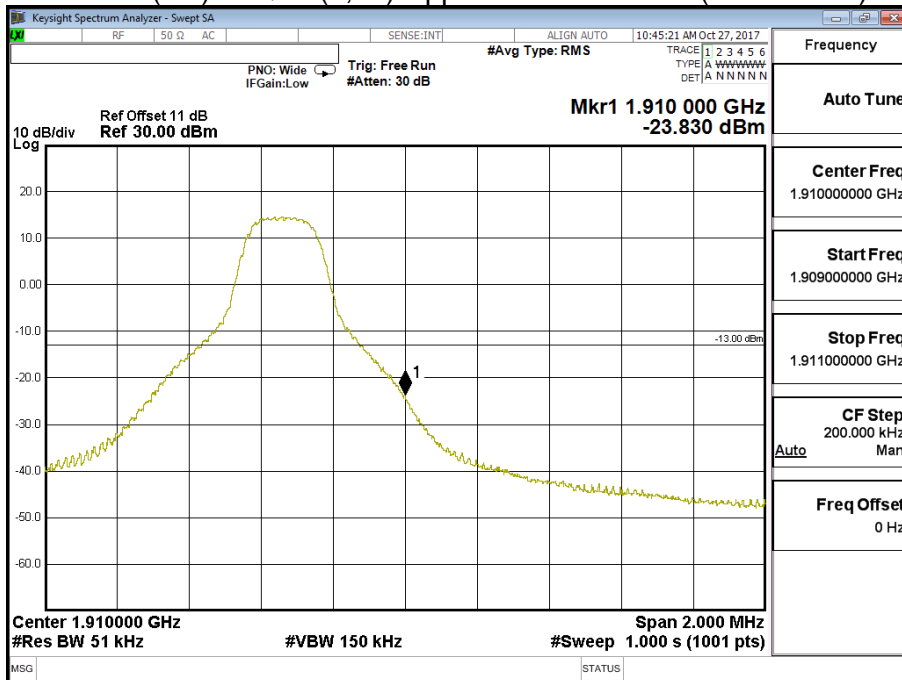
Band 2 (5M) QPSK(25,0) Upper Channel 19175 (1907.5MHz)



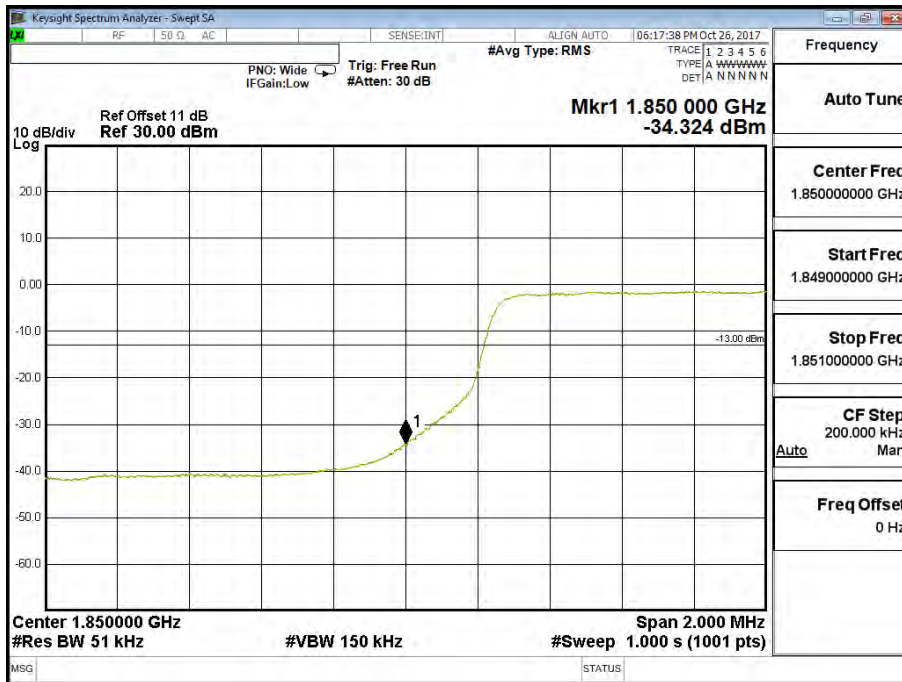
Band 2 (5M) 16QAM(1,0) Lower Channel 18625 (1852.5MHz)



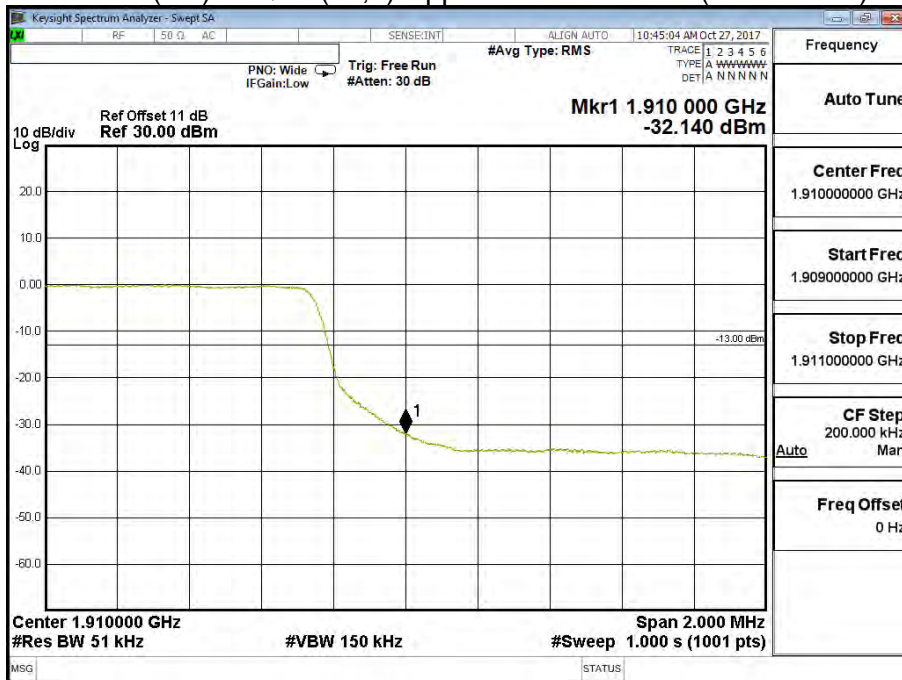
Band 2 (5M) 16QAM(1,24) Upper Channel 19175 (1907.5MHz)



Band 2 (5M) 16QAM(25,0) Lower Channel 18625 (1852.5MHz)

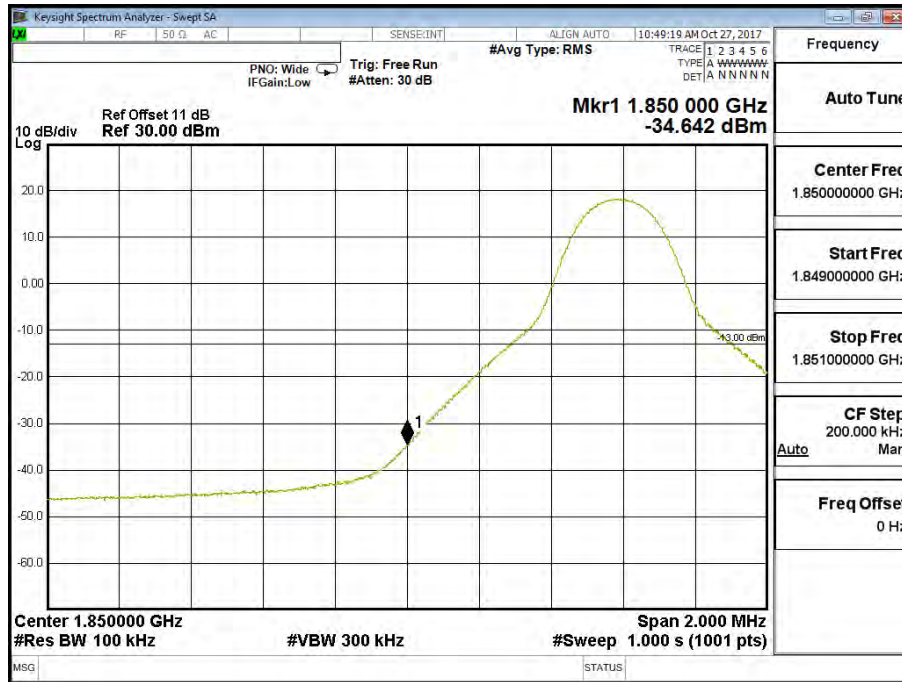


Band 2 (5M) 16QAM(25,0) Upper Channel 19175 (1907.5MHz)

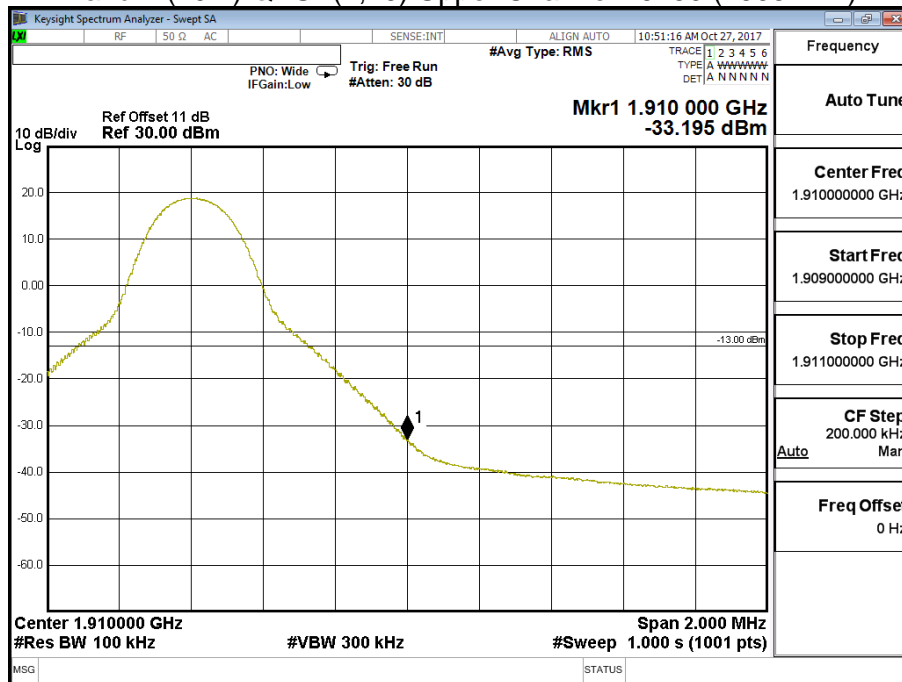


Product	DCM (Data Communication Module)		
Test Mode	Spurious Emission At Antenna Terminals (+/-1MHz)		
Date of Test	2017/10/26	Test Site	CTR
Test Condition	Block Edge Test (Band 2 (10M))		

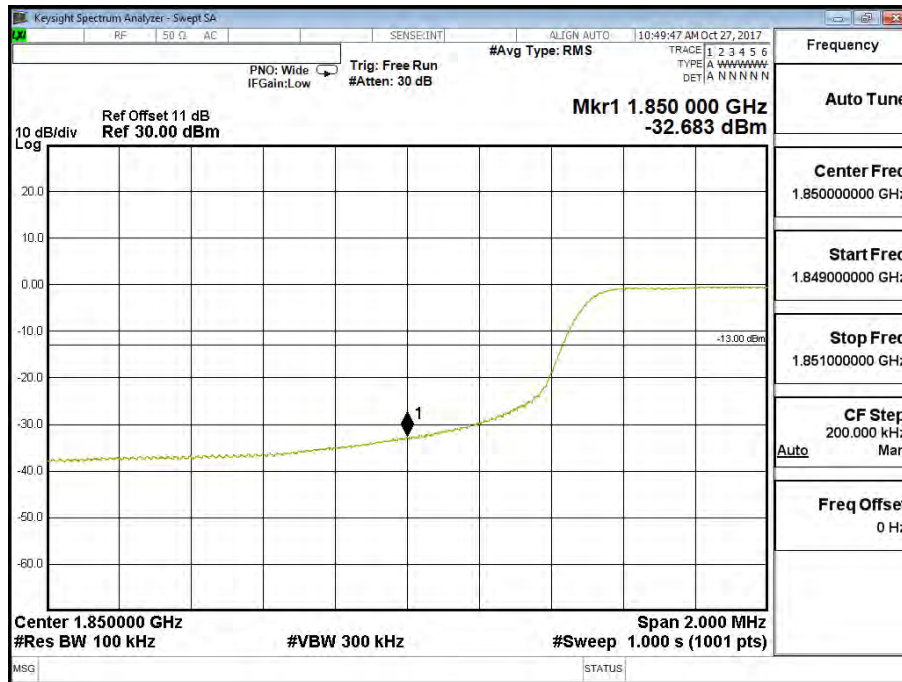
Band 2 (10M) QPSK(1,0) Lower Channel 18650 (1855MHz)



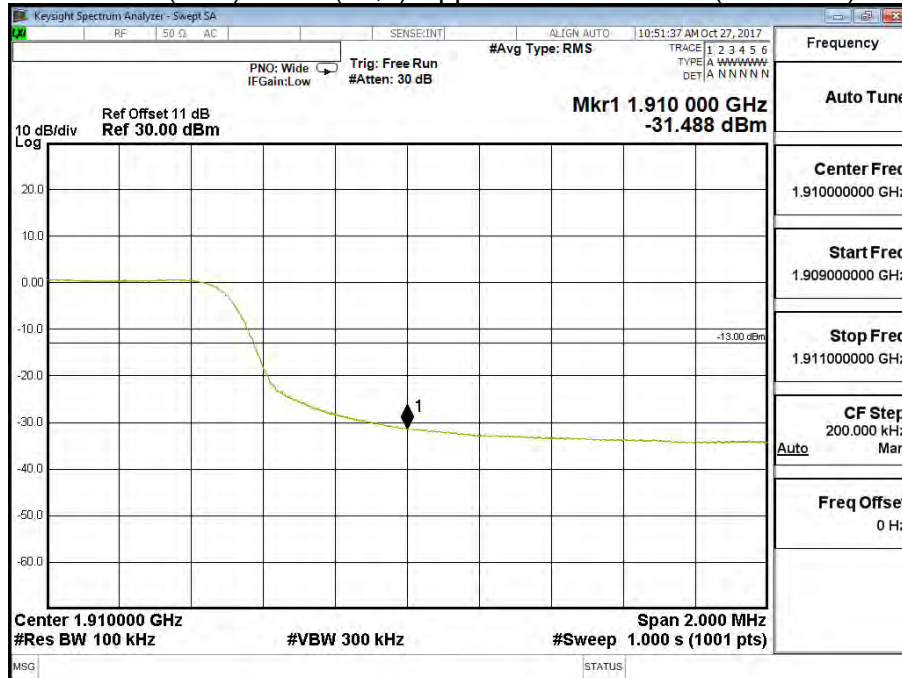
Band 2 (10M) QPSK(1,49) Upper Channel 19150 (1905MHz)



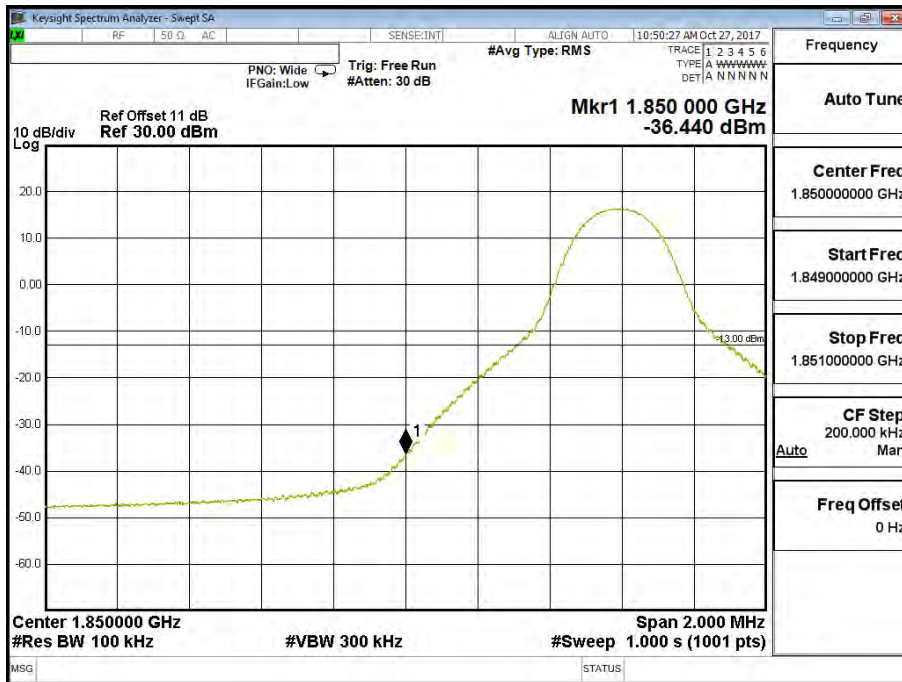
Band 2 (10M) QPSK(50,0) Lower Channel 18650 (1855MHz)



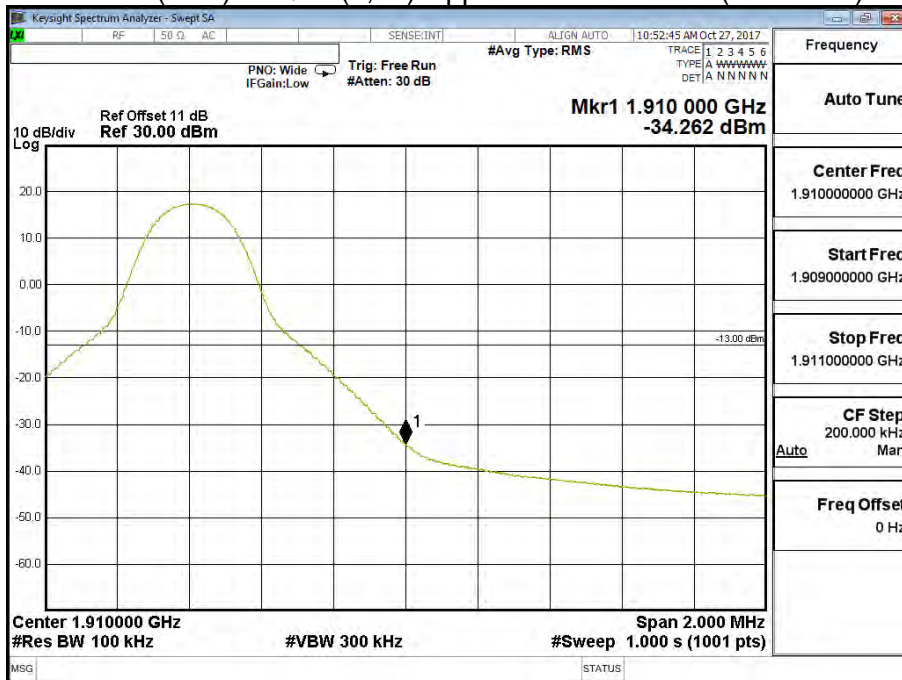
Band 2 (10M) QPSK(50,0) Upper Channel 19150 (1905MHz)



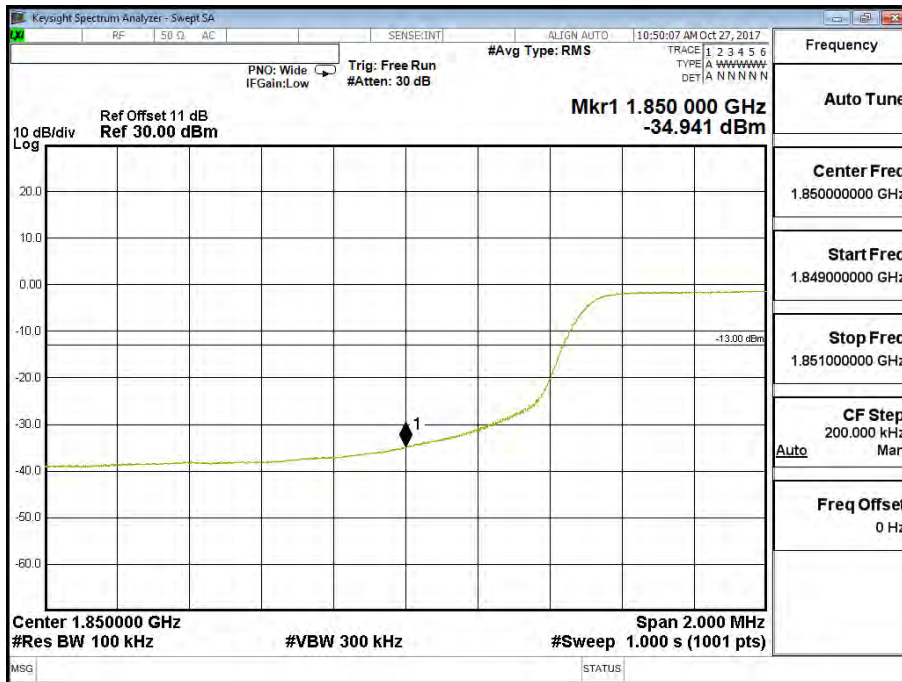
Band 2 (10M) 16QAM(1,0) Lower Channel 18650 (1855MHz)



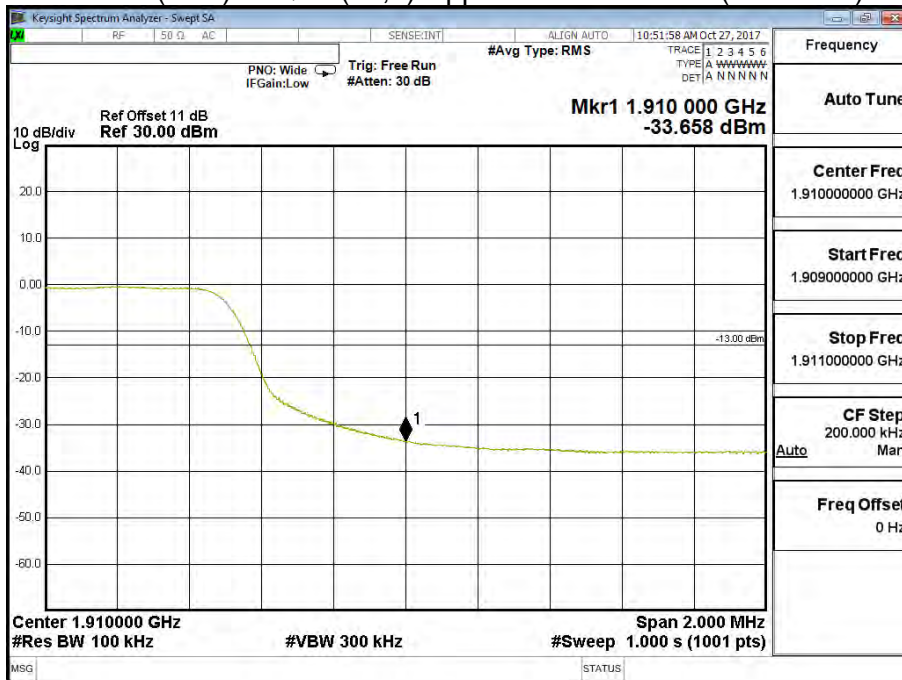
Band 2 (10M) 16QAM(1,49) Upper Channel 19150 (1905MHz)



Band 2 (10M) 16QAM(50,0) Lower Channel 18650 (1855MHz)

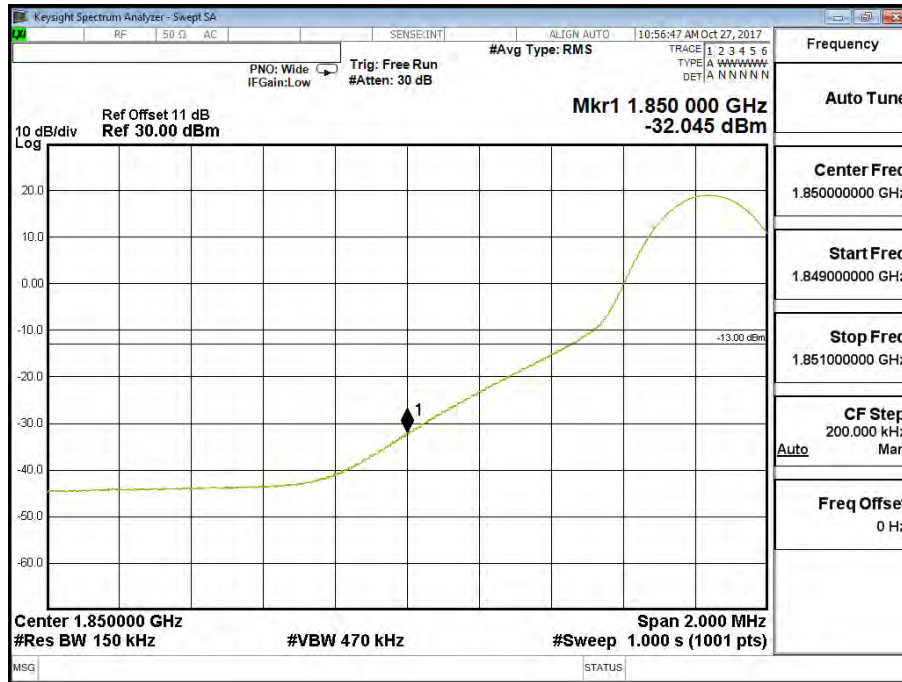


Band 2 (10M) 16QAM(50,0) Upper Channel 19150 (1905MHz)

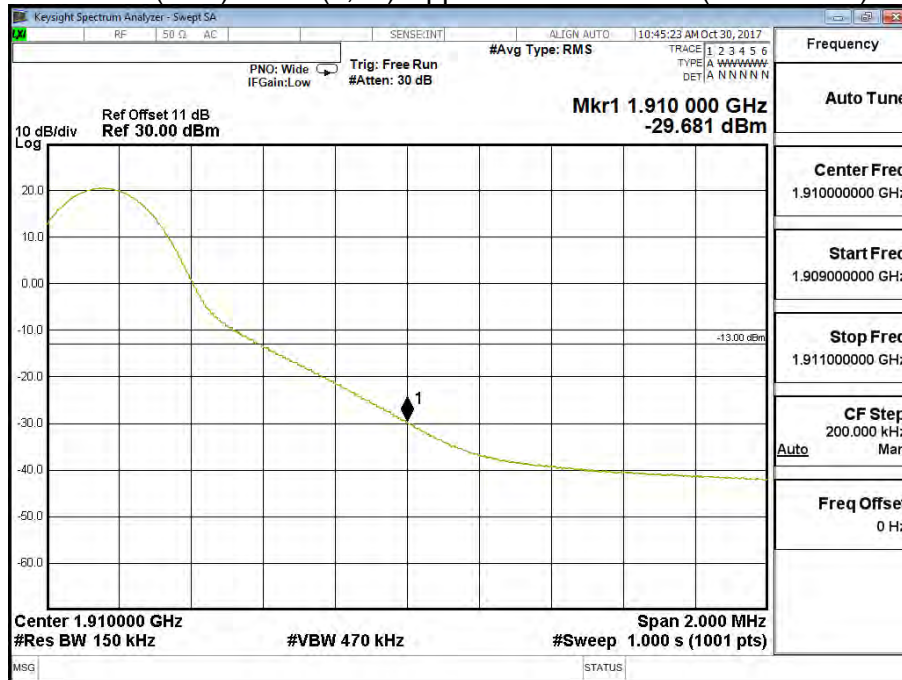


Product	DCM (Data Communication Module)		
Test Mode	Spurious Emission At Antenna Terminals (+/-1MHz)		
Date of Test	2017/10/26	Test Site	CTR
Test Condition	Block Edge Test (Band 2 (15M))		

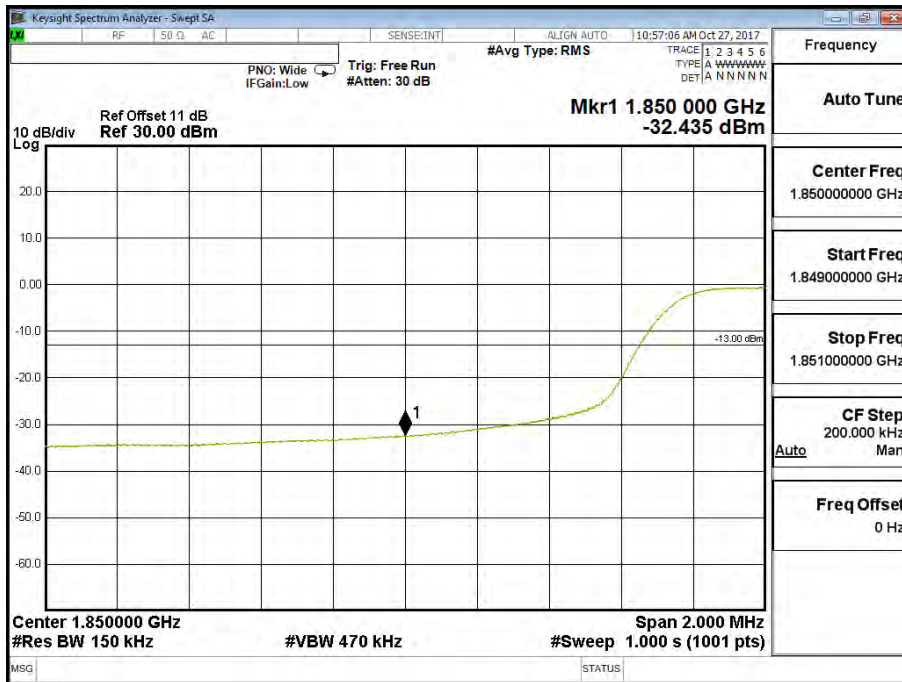
Band 2 (15M)QPSK(1,0) Lower Channel 18675 (1857.5MHz)



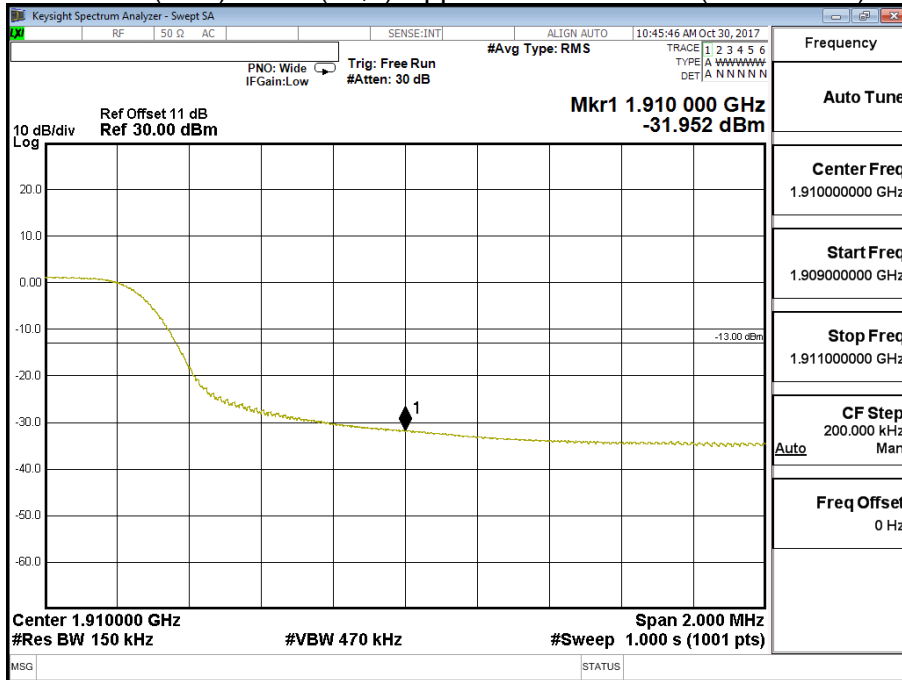
Band 2 (15M) QPSK(1,74) Upper Channel 19125 (1902.5MHz)



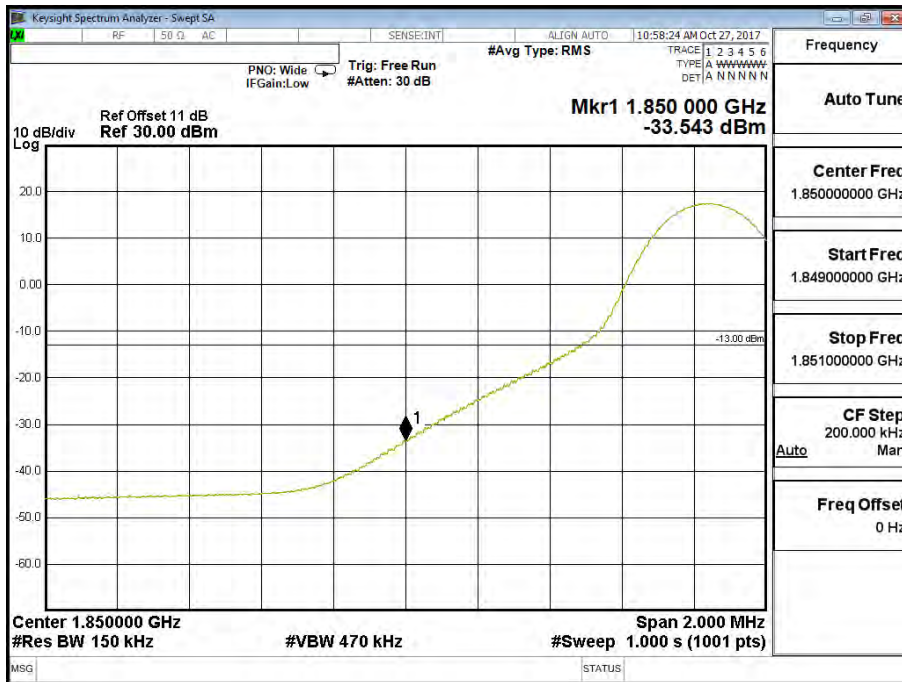
Band 2 (15M) QPSK(75,0) Lower Channel 18675 (1857.5MHz)



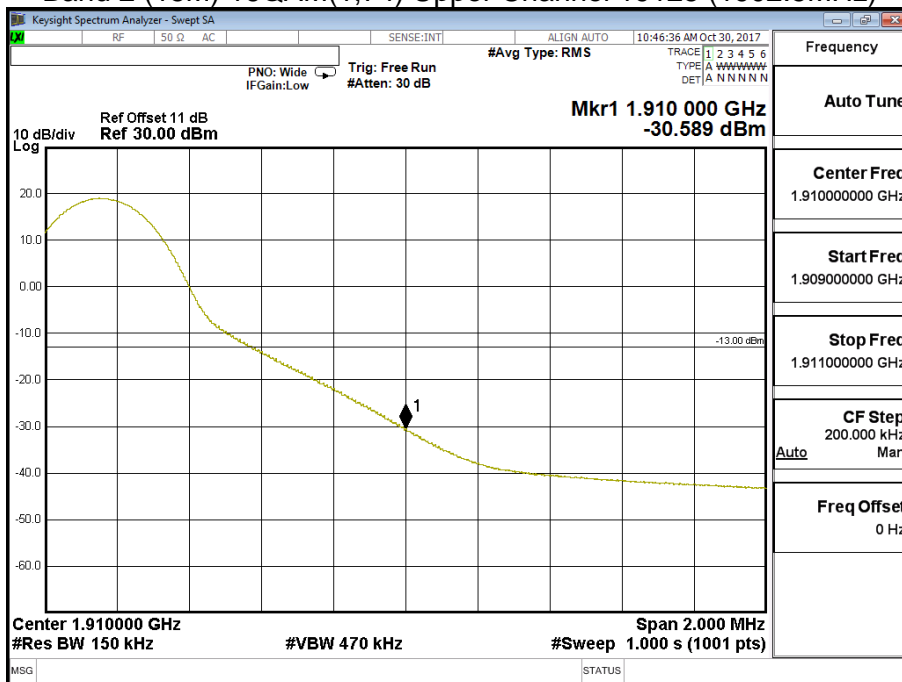
Band 2 (15M) QPSK(75,0) Upper Channel 19125 (1902.5MHz)



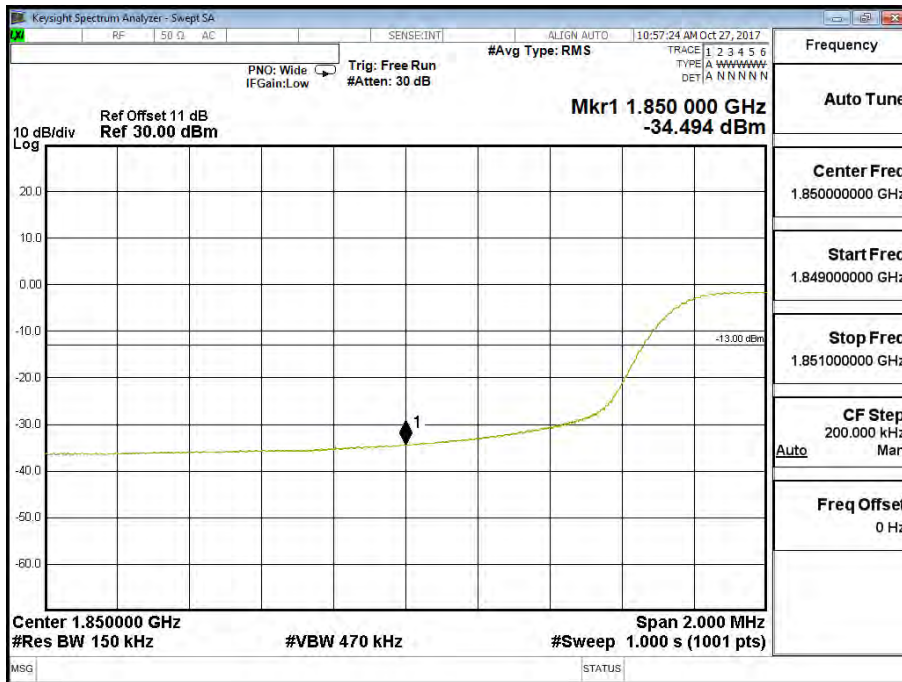
Band 2 (15M) 16QAM(1,0) Lower Channel 18675 (1857.5MHz)



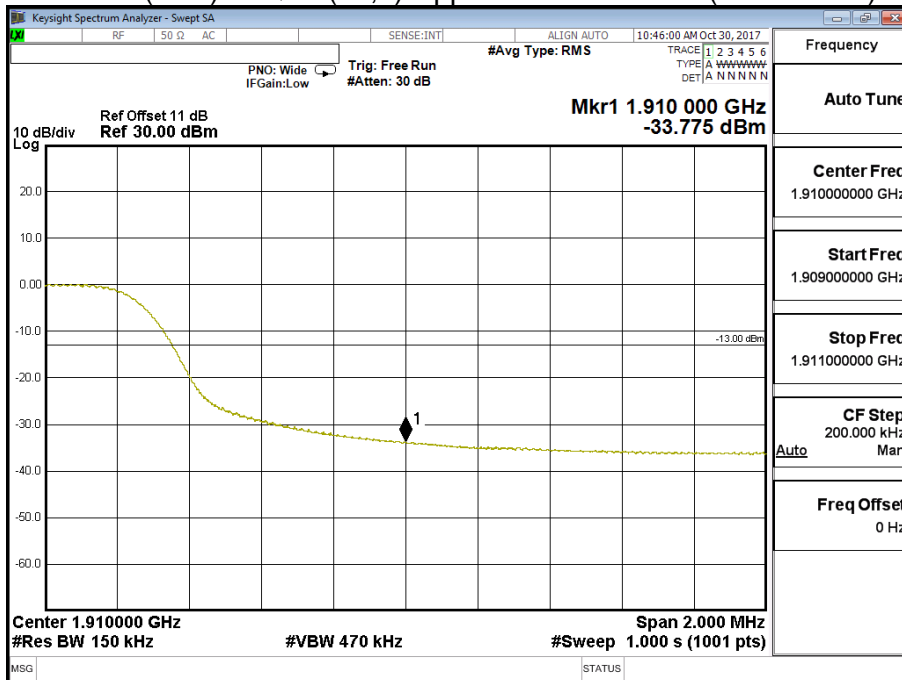
Band 2 (15M) 16QAM(1,74) Upper Channel 19125 (1902.5MHz)



Band 2 (15M) 16QAM(75,0) Lower Channel 18675 (1857.5MHz)

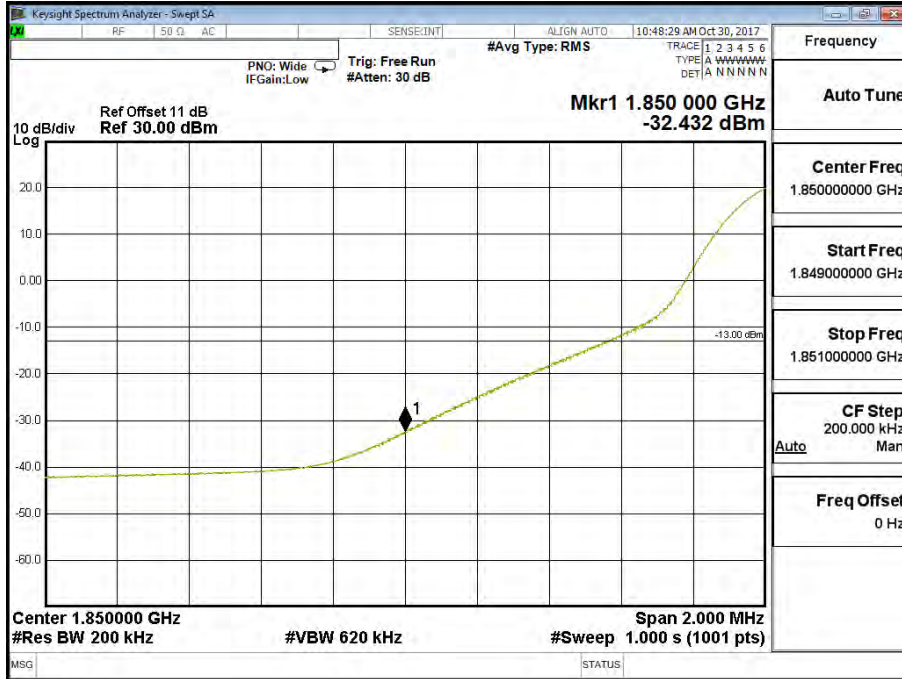


Band 2 (15M) 16QAM(75,0) Upper Channel 19125 (1902.5MHz)

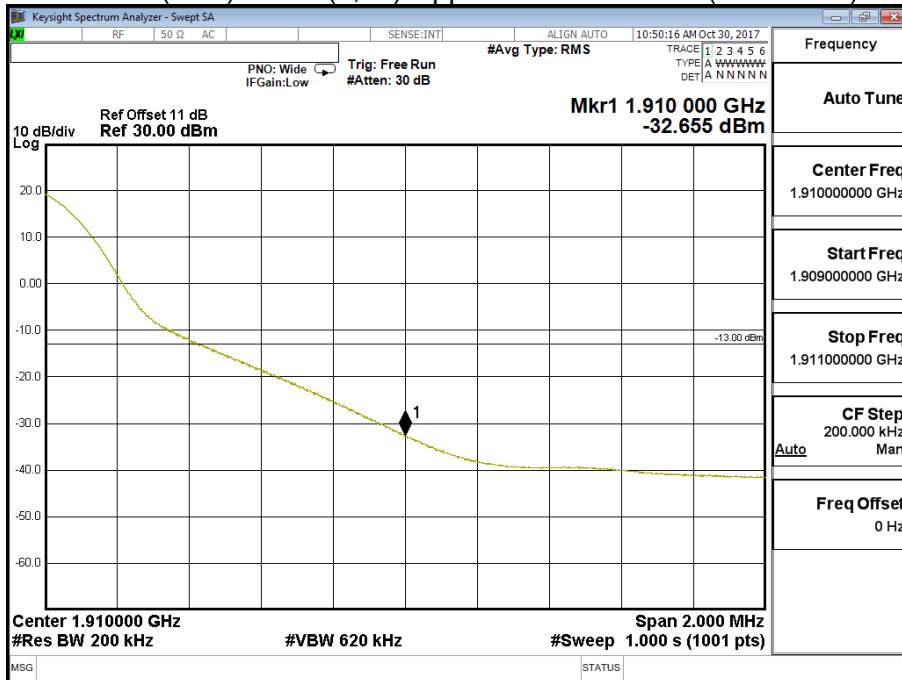


Product	DCM (Data Communication Module)		
Test Mode	Spurious Emission At Antenna Terminals (+/-1MHz)		
Date of Test	2017/10/26	Test Site	CTR
Test Condition	Block Edge Test (Band 2 (20M))		

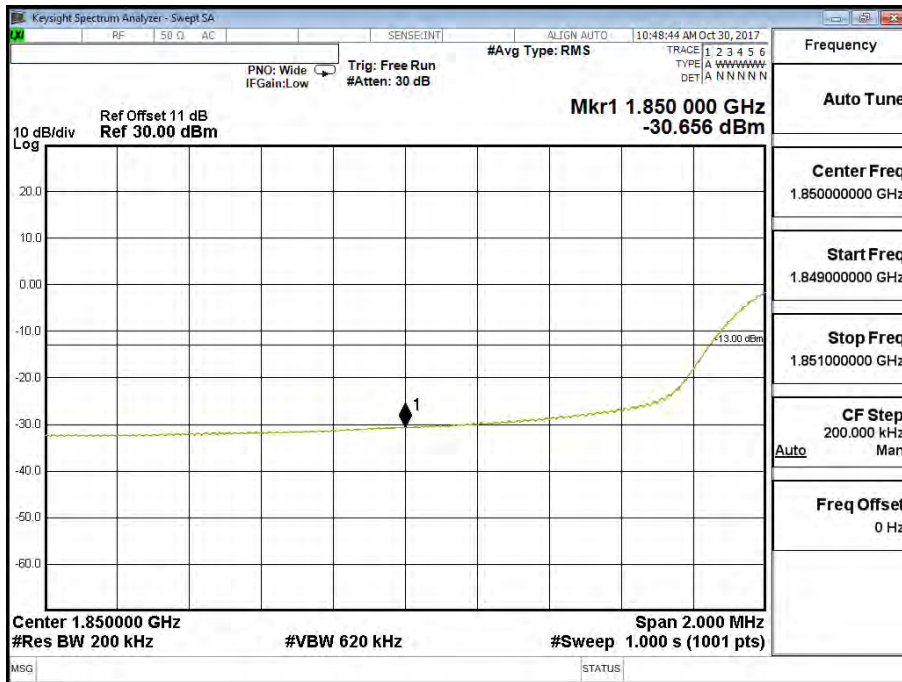
Band 2 (20M) QPSK(1,0) Lower Channel 18700 (1860MHz)



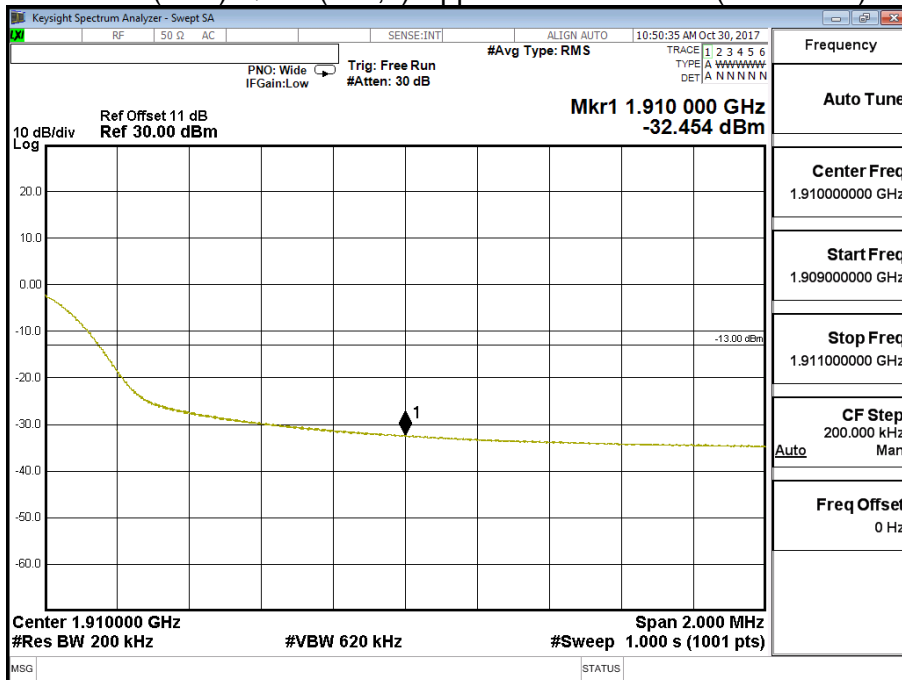
Band 2 (20M) QPSK(1,99) Upper Channel 19100 (1900 MHz)



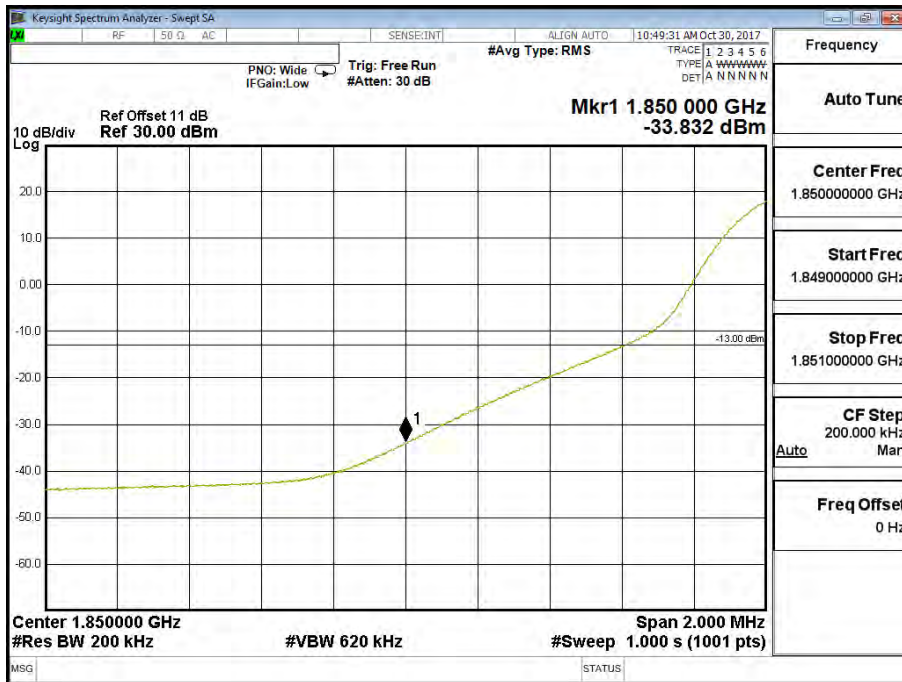
Band 2 (20M) QPSK(100,0) Lower Channel 18700 (1860MHz)



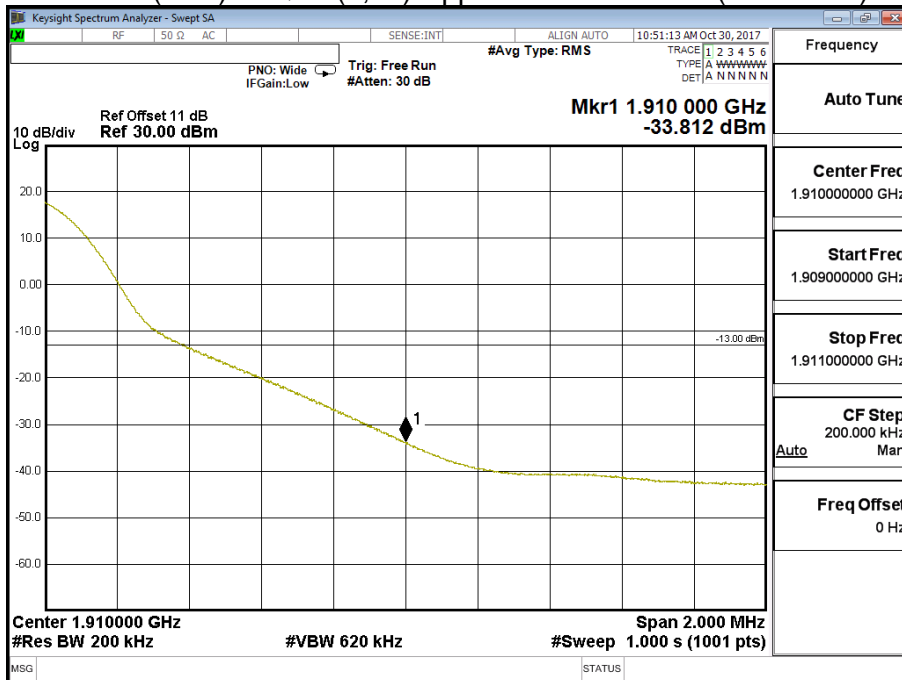
Band 2 (20M) QPSK(100,0) Upper Channel 19100 (1900 MHz)



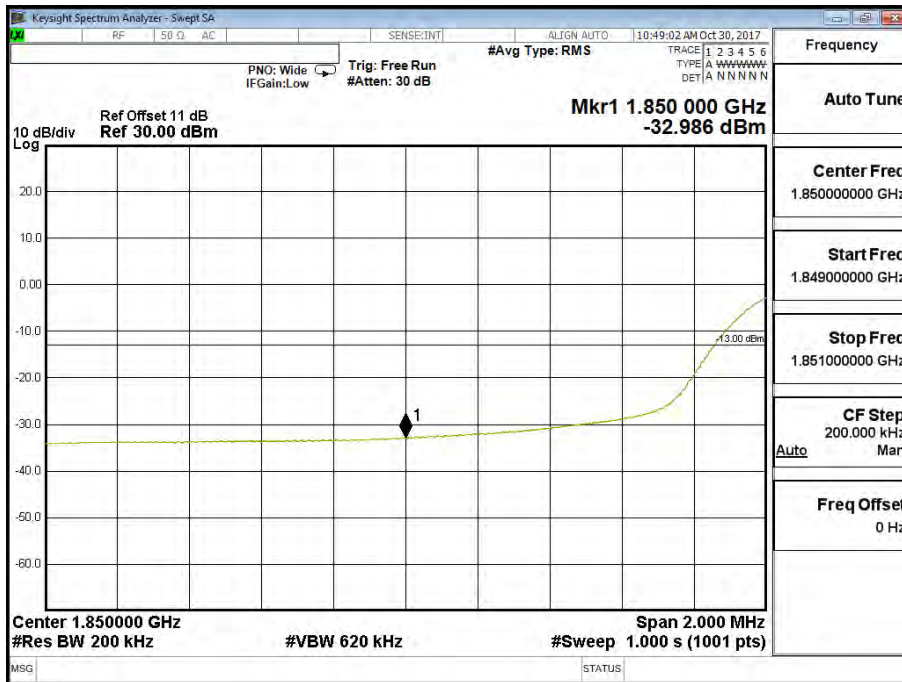
Band 2 (20M) 16QAM(1,0) Lower Channel 18700 (1860MHz)



Band 2 (20M) 16QAM(1,99) Upper Channel 19100 (1900 MHz)



Band 2 (20M) 16QAM(100,0) Lower Channel 18700 (1860MHz)



Band 2 (20M) 16QAM(100,0) Upper Channel 19100 (1900 MHz)

