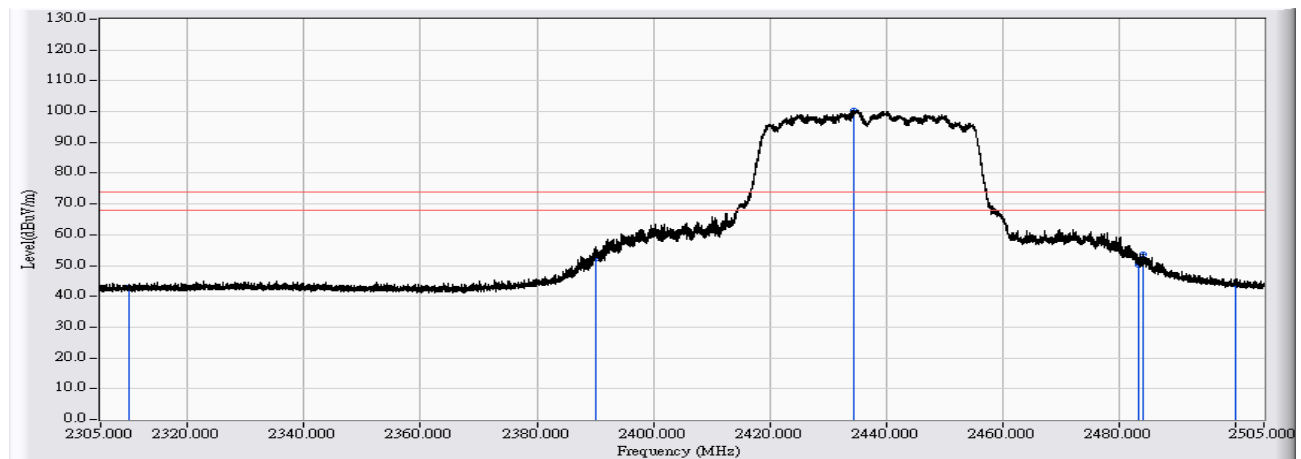


Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

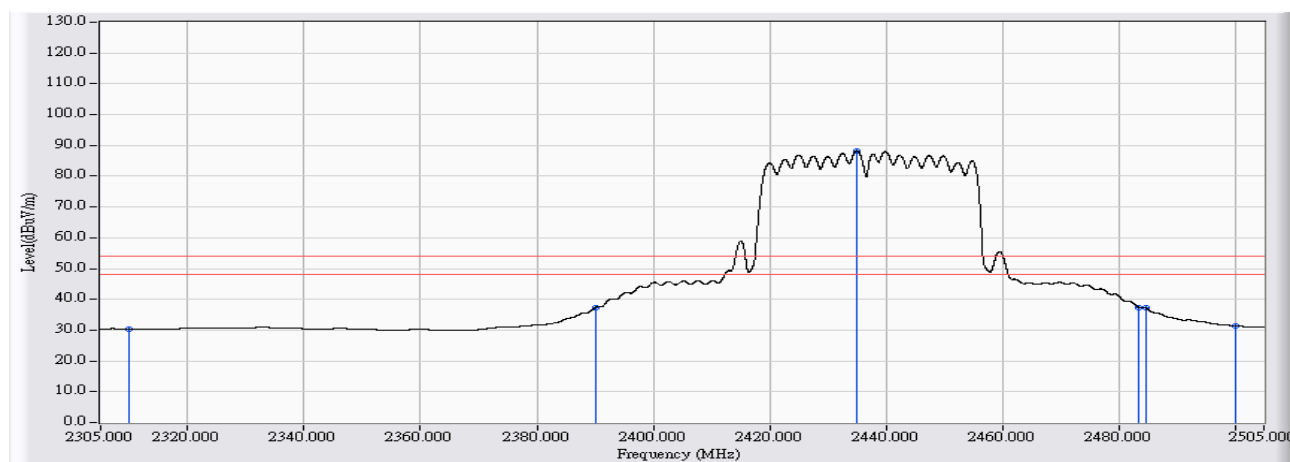


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	31.782	42.797	-31.203	74.000	PEAK
2	2390.000	11.544	40.898	52.442	-21.558	74.000	PEAK
3	* 2434.507	11.843	88.632	100.475	26.475	74.000	PEAK
4	2483.500	12.172	38.068	50.240	-23.760	74.000	PEAK
5	2484.122	12.176	41.457	53.633	-20.367	74.000	PEAK
6	2500.000	12.274	31.744	44.019	-29.981	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

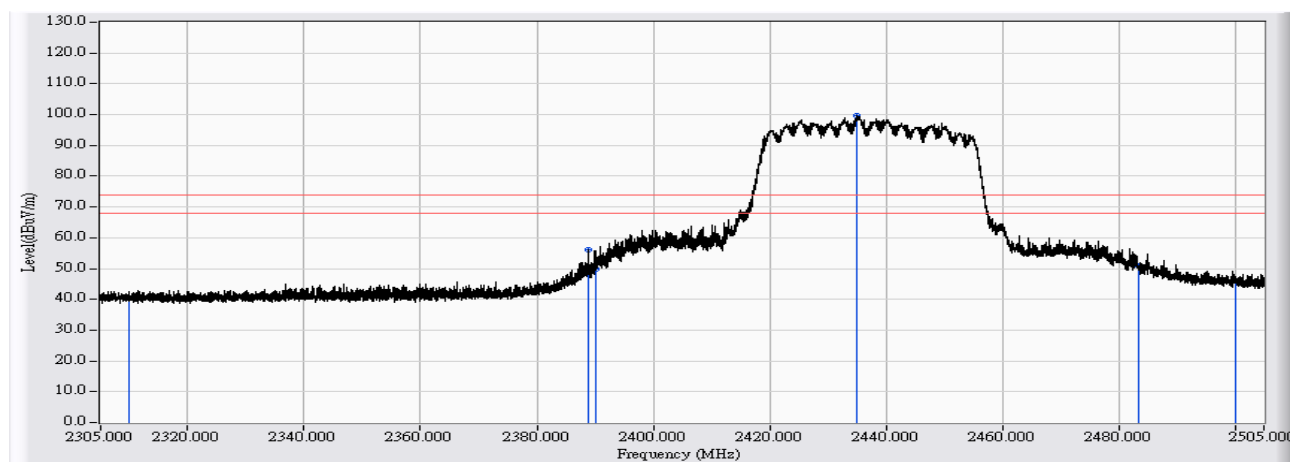


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	19.338	30.353	-23.647	54.000	AVERAGE
2	2390.000	11.544	25.838	37.382	-16.618	54.000	AVERAGE
3	* 2435.007	11.847	76.498	88.344	34.344	54.000	AVERAGE
4	2483.500	12.172	25.195	37.367	-16.633	54.000	AVERAGE
5	2484.622	12.180	25.000	37.180	-16.820	54.000	AVERAGE
6	2500.000	12.274	19.165	31.440	-22.560	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

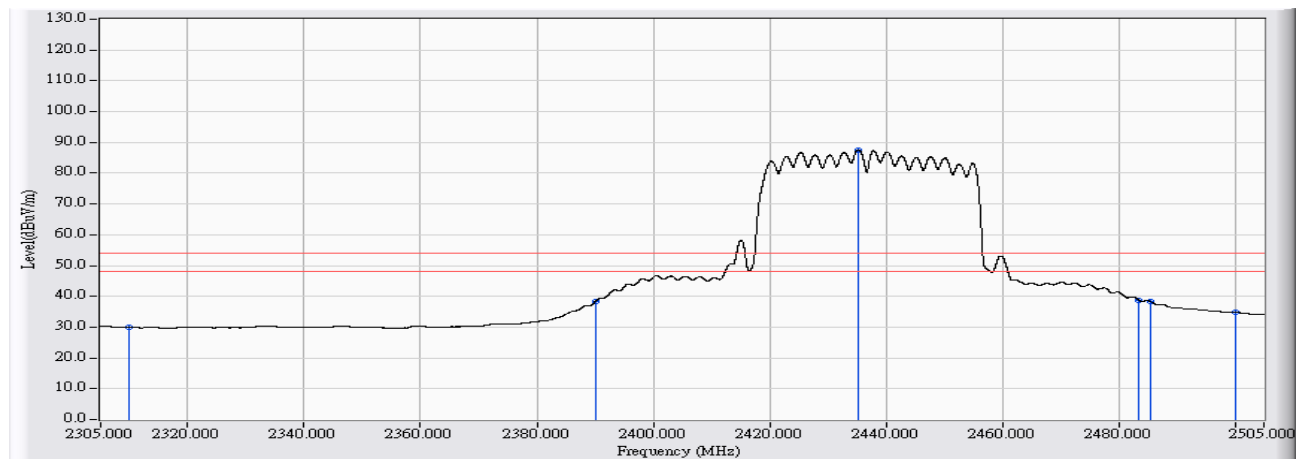


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	29.440	40.455	-33.545	74.000	PEAK
2	2388.752	11.536	44.615	56.151	-17.849	74.000	PEAK
3	2390.000	11.544	38.324	49.868	-24.132	74.000	PEAK
4	* 2434.927	11.846	87.695	99.541	25.541	74.000	PEAK
5	2483.500	12.172	38.756	50.928	-23.072	74.000	PEAK
6	2500.000	12.274	33.654	45.929	-28.071	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2437MHz

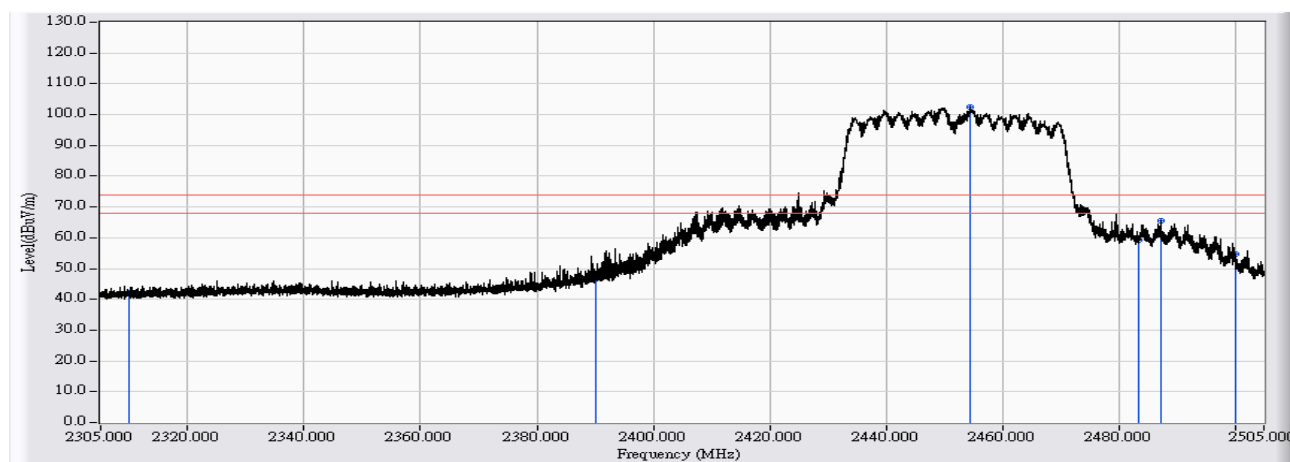


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	18.877	29.892	-24.108	54.000	AVERAGE
2	2390.000	11.544	26.748	38.292	-15.708	54.000	AVERAGE
3	* 2435.307	11.848	75.784	87.632	33.632	54.000	AVERAGE
4	2483.500	12.172	26.581	38.753	-15.247	54.000	AVERAGE
5	2485.402	12.185	26.233	38.418	-15.582	54.000	AVERAGE
6	2500.000	12.274	22.564	34.839	-19.161	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz

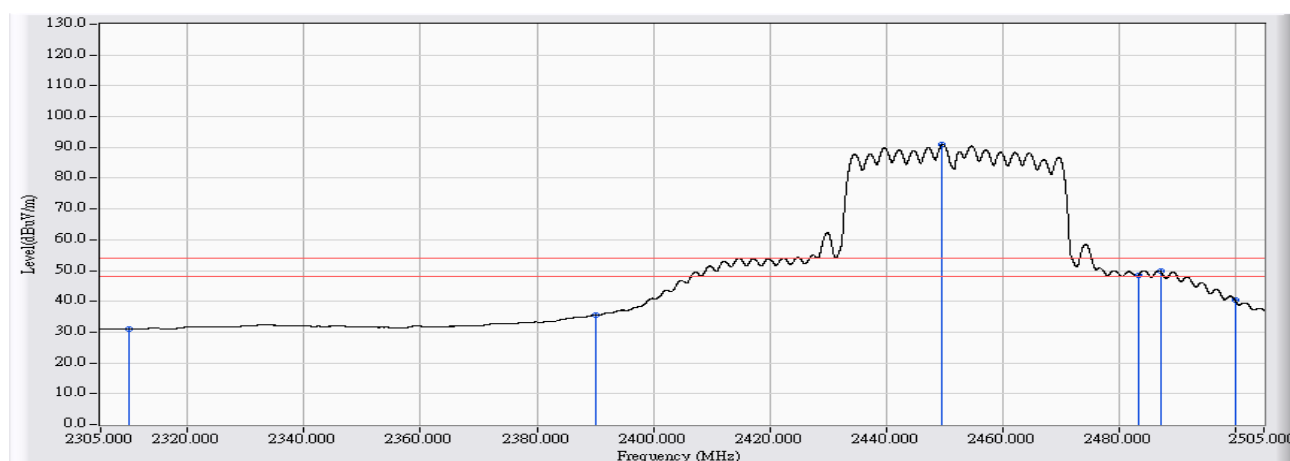


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	31.011	42.026	-31.974	74.000	PEAK
2	2390.000	11.544	36.664	48.208	-25.792	74.000	PEAK
3	* 2454.445	11.977	90.475	102.452	28.452	74.000	PEAK
4	2483.500	12.172	47.119	59.291	-14.709	74.000	PEAK
5	2487.242	12.197	53.186	65.383	-8.617	74.000	PEAK
6	2500.000	12.274	42.371	54.646	-19.354	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz

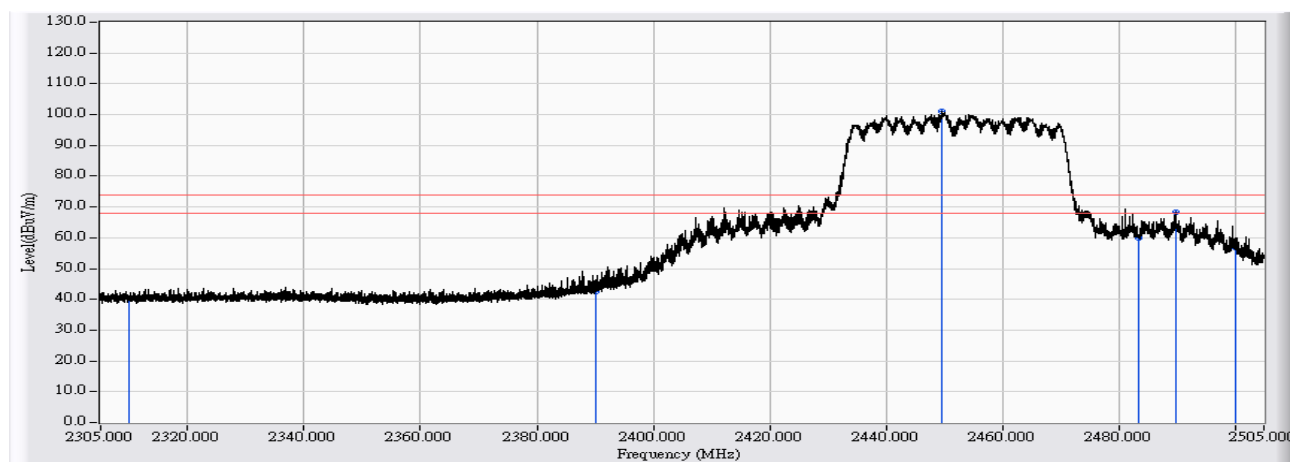


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	20.092	31.107	-22.893	54.000	AVERAGE
2	2390.000	11.544	23.905	35.449	-18.551	54.000	AVERAGE
3	* 2449.725	11.945	78.981	90.926	36.926	54.000	AVERAGE
4	2483.500	12.172	36.392	48.564	-5.436	54.000	AVERAGE
5	2487.182	12.197	37.488	49.685	-4.315	54.000	AVERAGE
6	2500.000	12.274	28.217	40.492	-13.508	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz

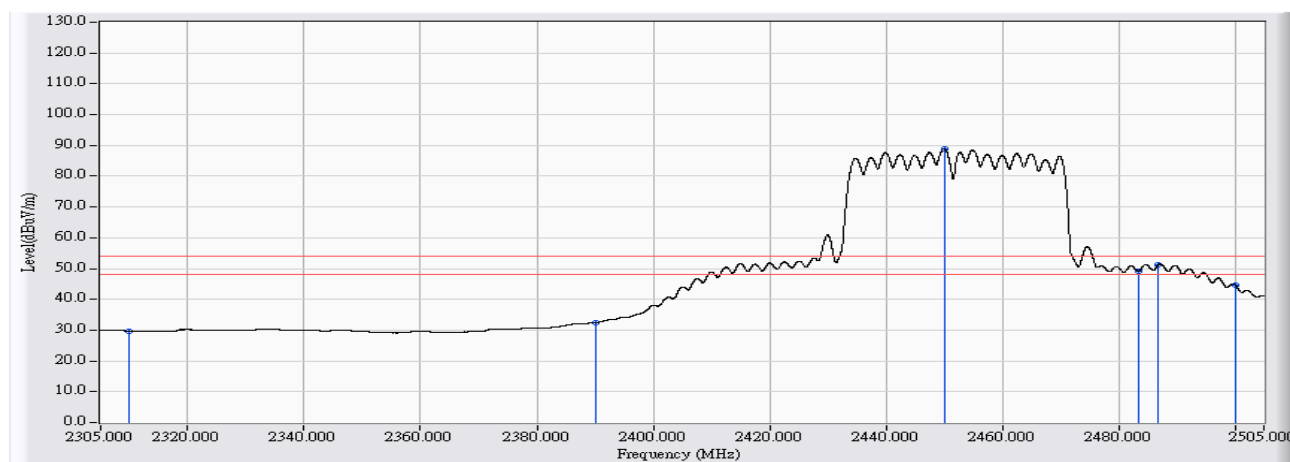


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	29.571	40.586	-33.414	74.000	PEAK
2	2390.000	11.544	31.020	42.564	-31.436	74.000	PEAK
3	* 2449.525	11.944	89.169	101.113	27.113	74.000	PEAK
4	2483.500	12.172	47.801	59.973	-14.027	74.000	PEAK
5	2489.801	12.214	56.011	68.225	-5.775	74.000	PEAK
6	2500.000	12.274	44.529	56.804	-17.196	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	Time : 2017/08/07
Limit : FCC_SpartC_15.247_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL	Power : AC 120V/60Hz
EUT : UHD751-P	Note : Mode 2: Tx_MIMO Mode_ 802.11n(40M)_ 2452MHz



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	2310.000	11.014	18.674	29.689	-24.311	54.000	AVERAGE
2	2390.000	11.544	20.969	32.513	-21.487	54.000	AVERAGE
3	* 2450.025	11.948	77.051	88.998	34.998	54.000	AVERAGE
4	2483.500	12.172	36.929	49.101	-4.899	54.000	AVERAGE
5	2486.862	12.194	38.999	51.193	-2.807	54.000	AVERAGE
6	2500.000	12.274	32.487	44.762	-9.238	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

7. DTS Bandwidth

7.1. Test Equipment

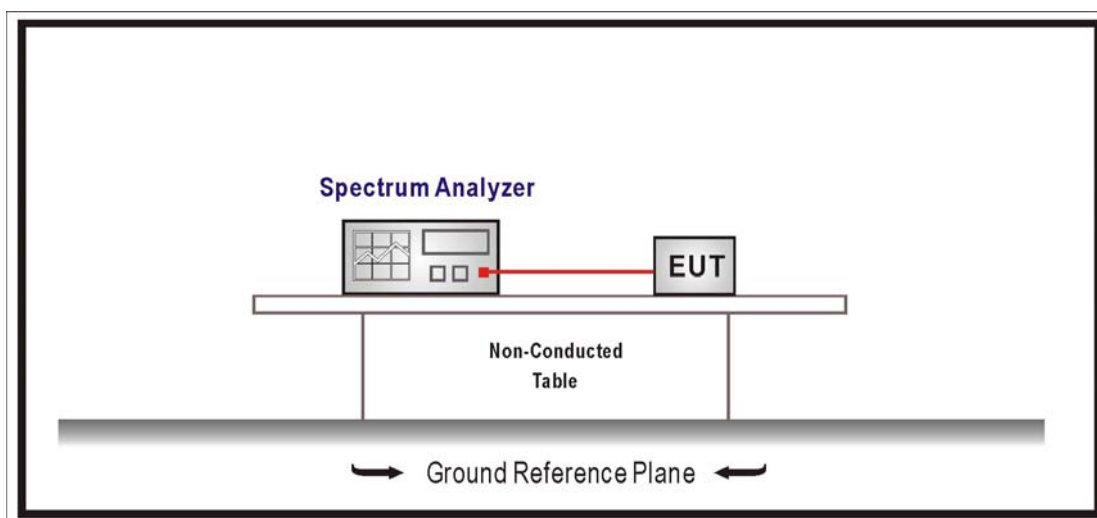
The following test equipments are used during the test:

DTS Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested procedure section 8.1 of KDB558074 D01 V04 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto, Set Peak Detector.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

7.6. Uncertainty

The measurement uncertainty is defined as $\pm 150\text{Hz}$

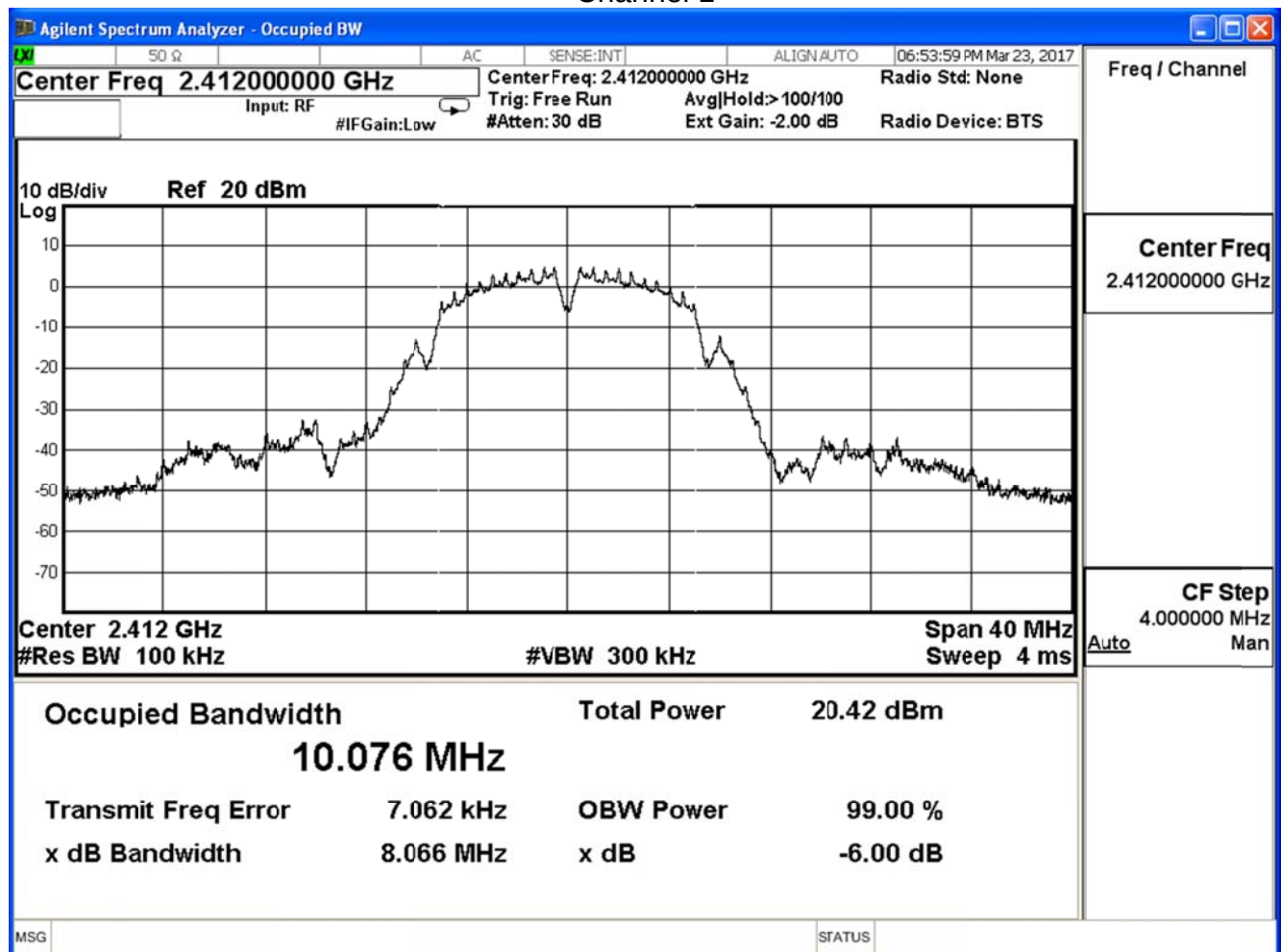
7.7. Test Result

Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

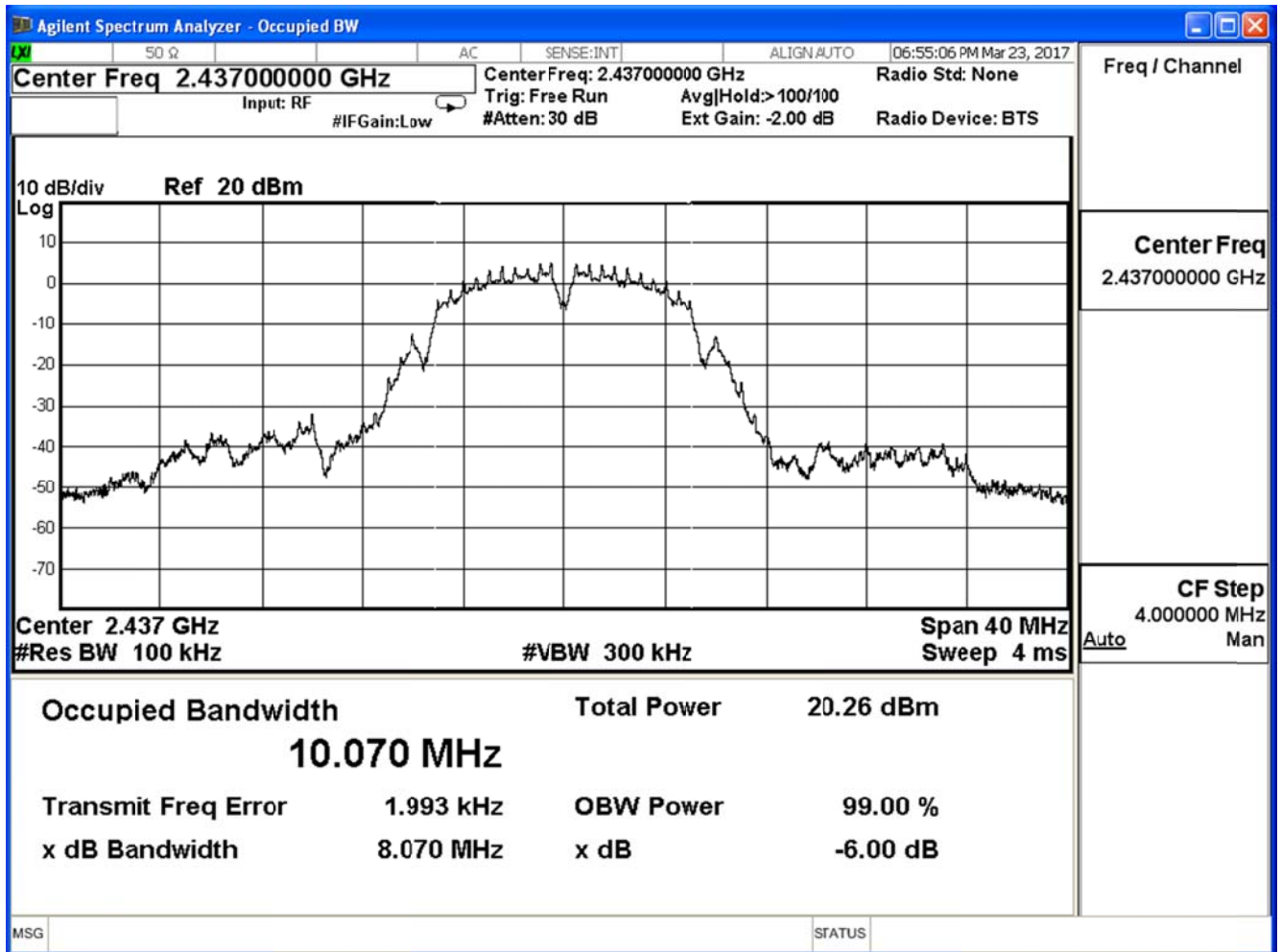
802.11 b (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.066	≥ 0.5	Pass
6	2437	8.070	≥ 0.5	Pass
11	2462	8.079	≥ 0.5	Pass

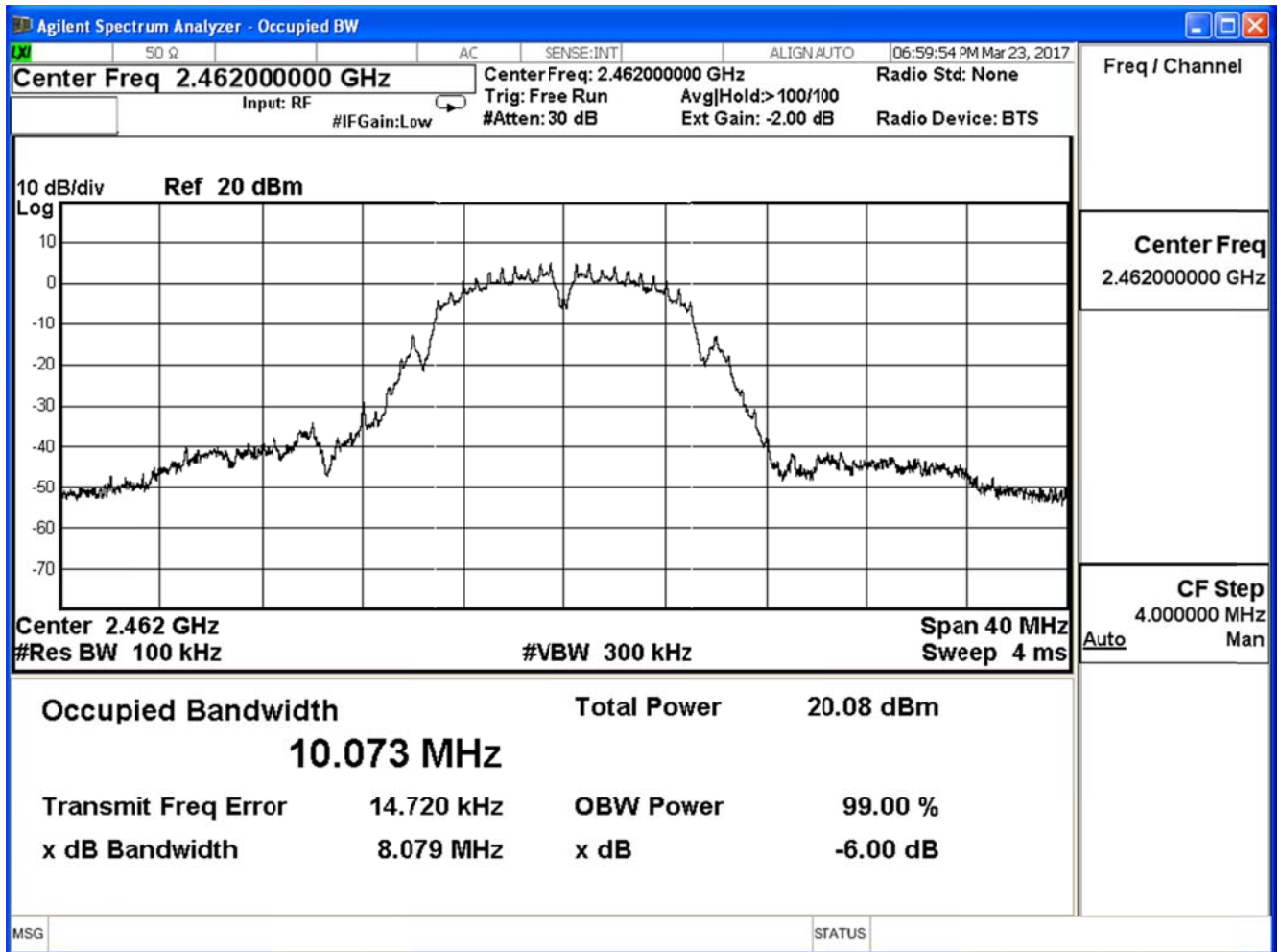
Channel 1



Channel 6



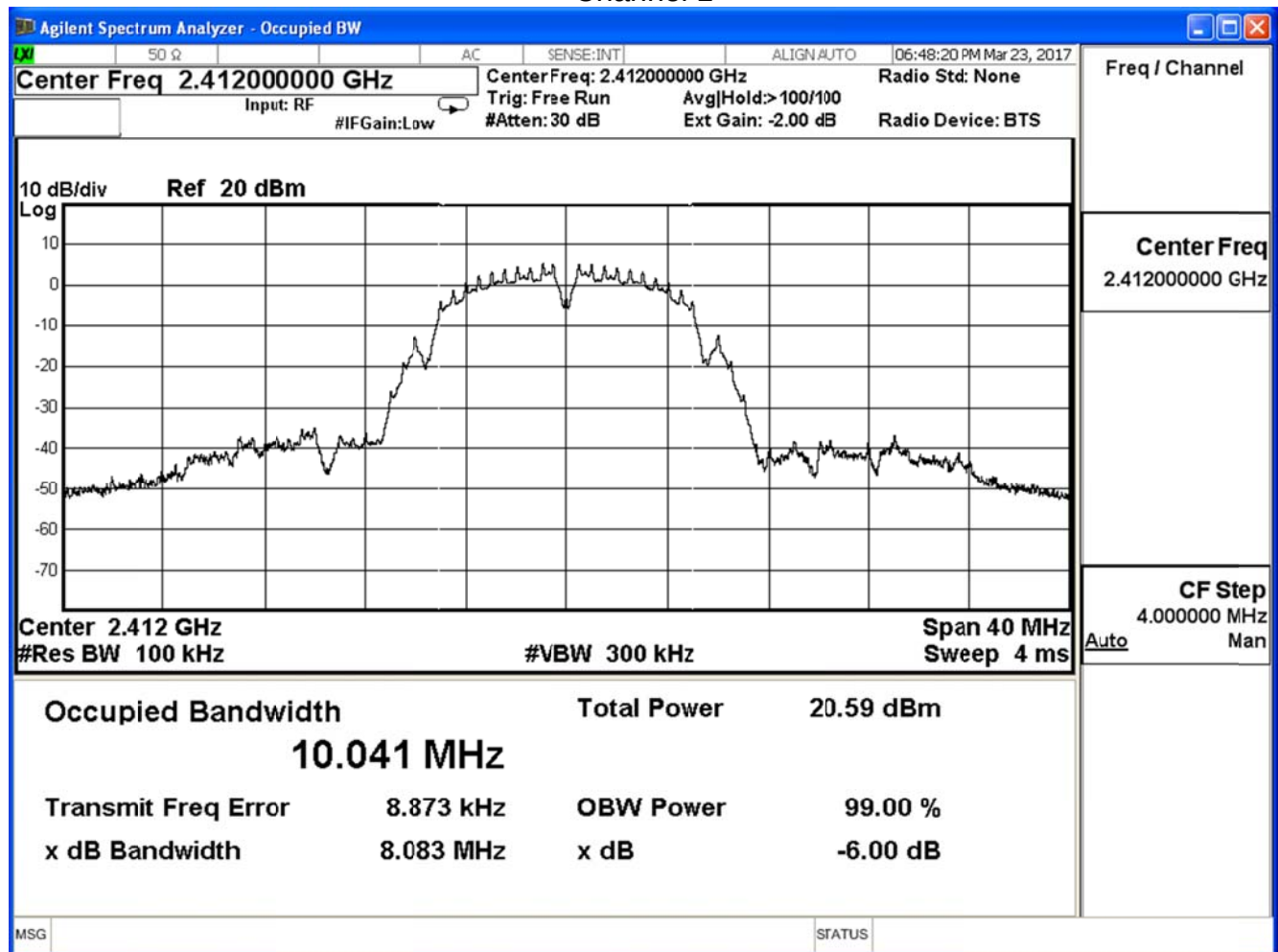
Channel 11



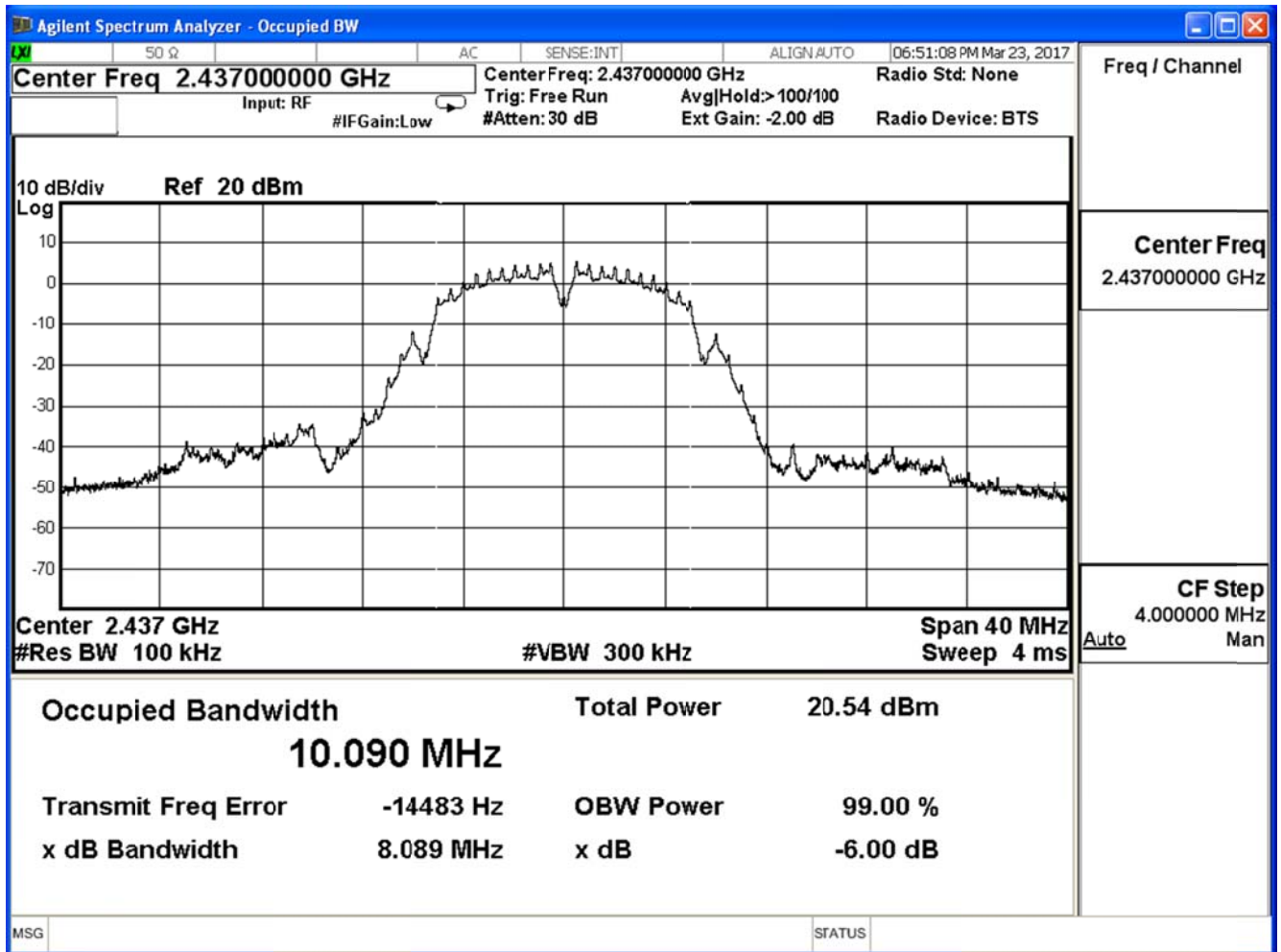
Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	8.083	≥ 0.5	Pass
6	2437	8.089	≥ 0.5	Pass
11	2462	8.081	≥ 0.5	Pass

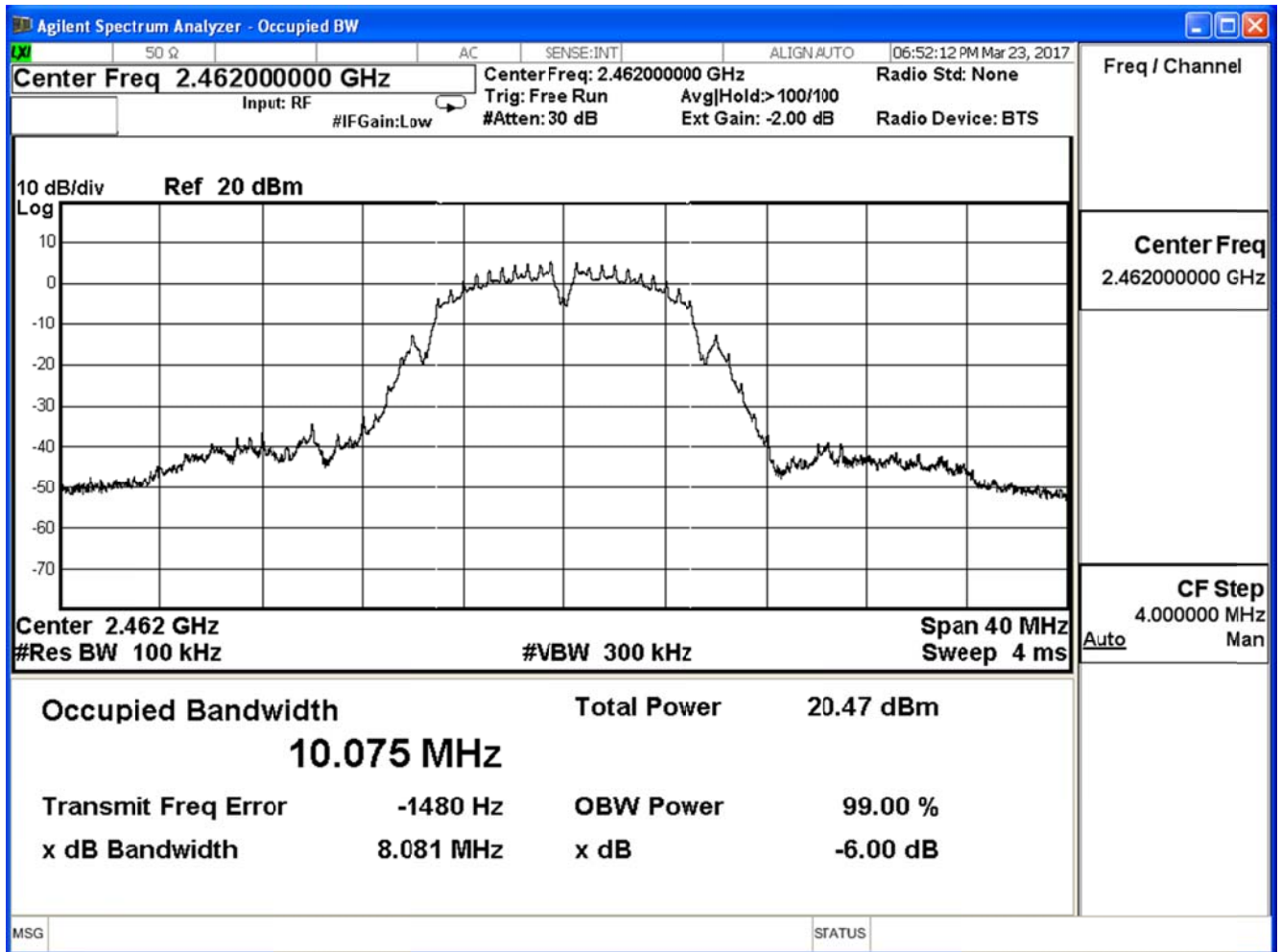
Channel 1



Channel 6



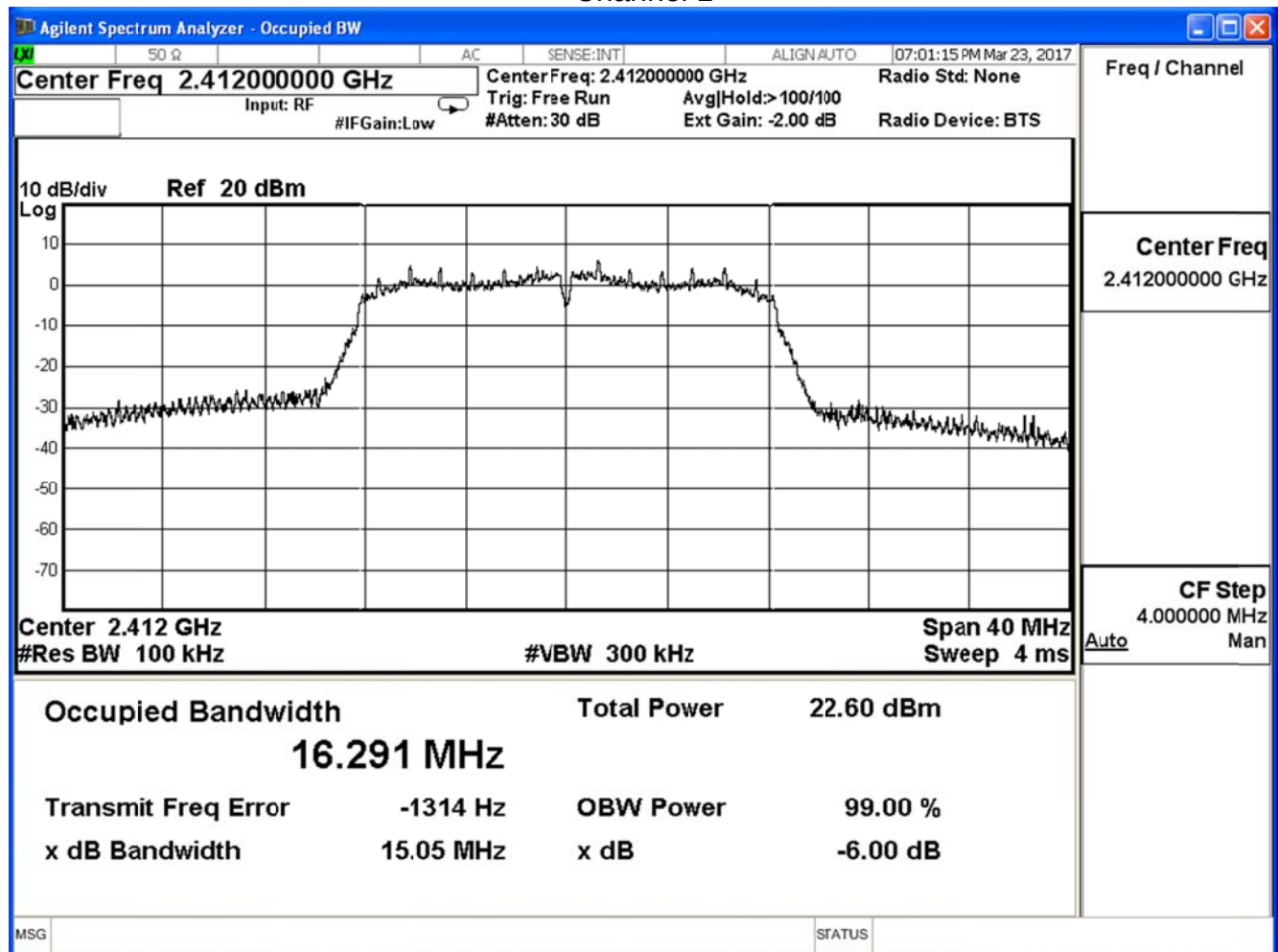
Channel 11



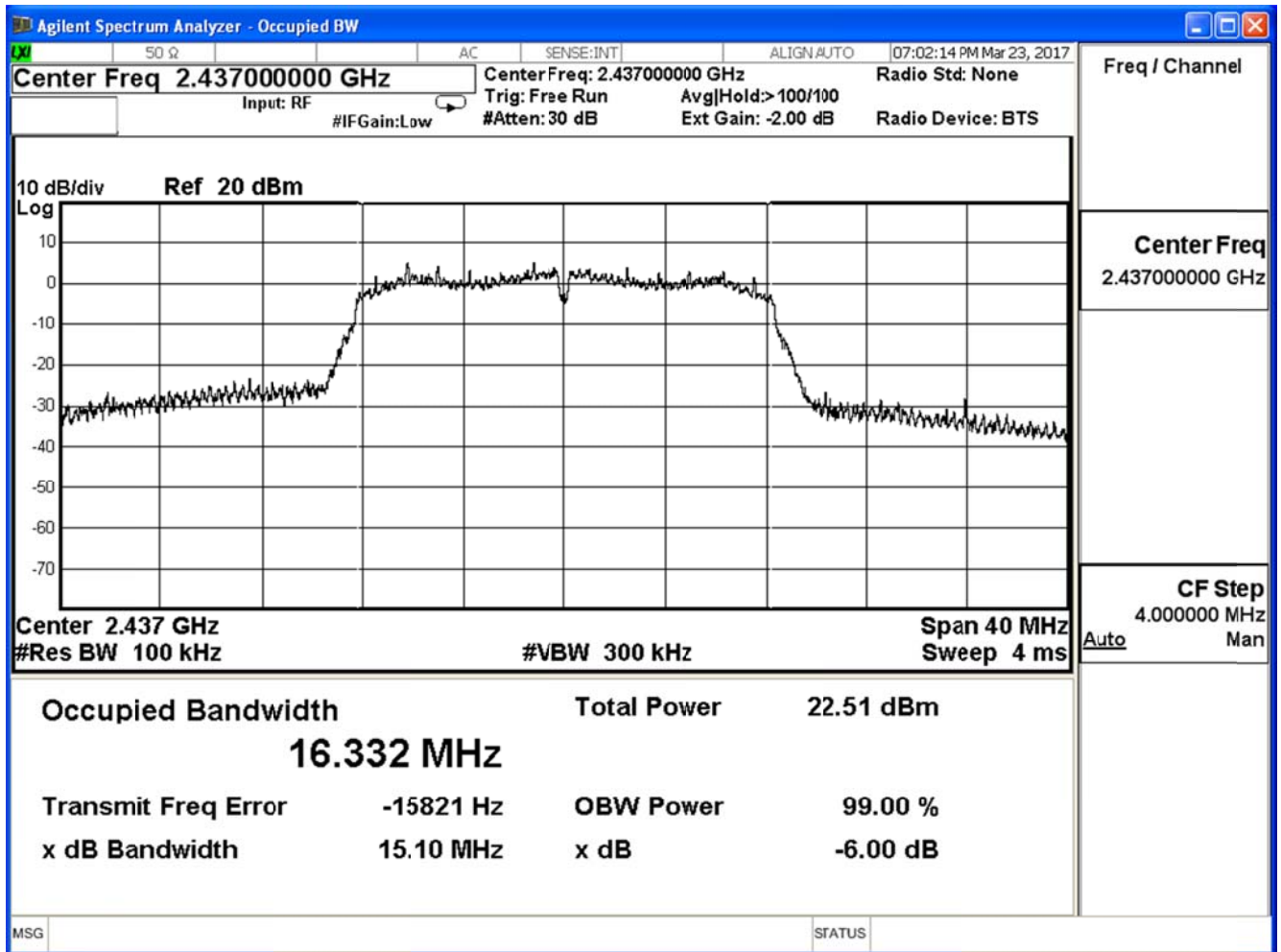
Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.050	≥ 0.5	Pass
6	2437	15.100	≥ 0.5	Pass
11	2462	15.070	≥ 0.5	Pass

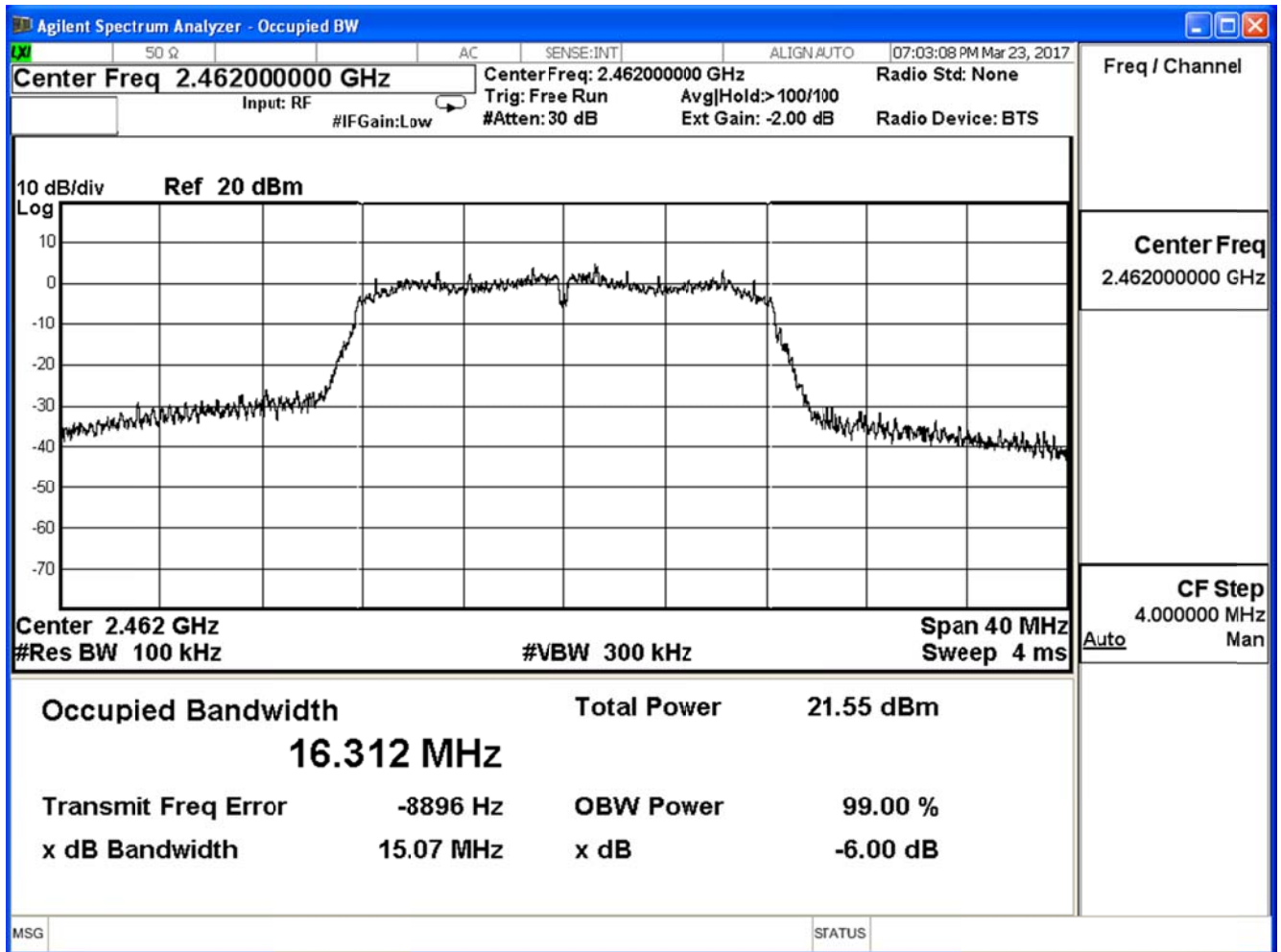
Channel 1



Channel 6



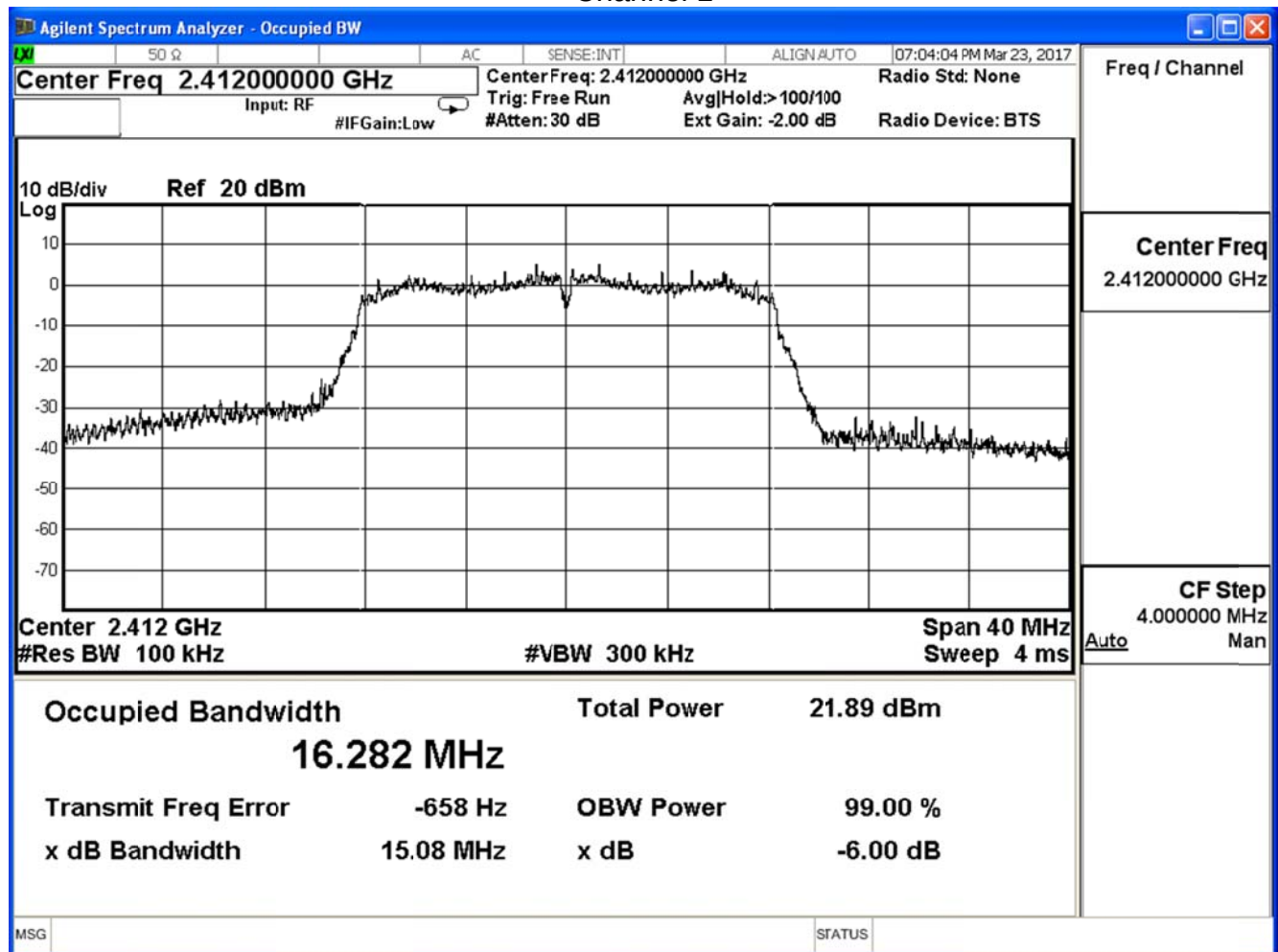
Channel 11



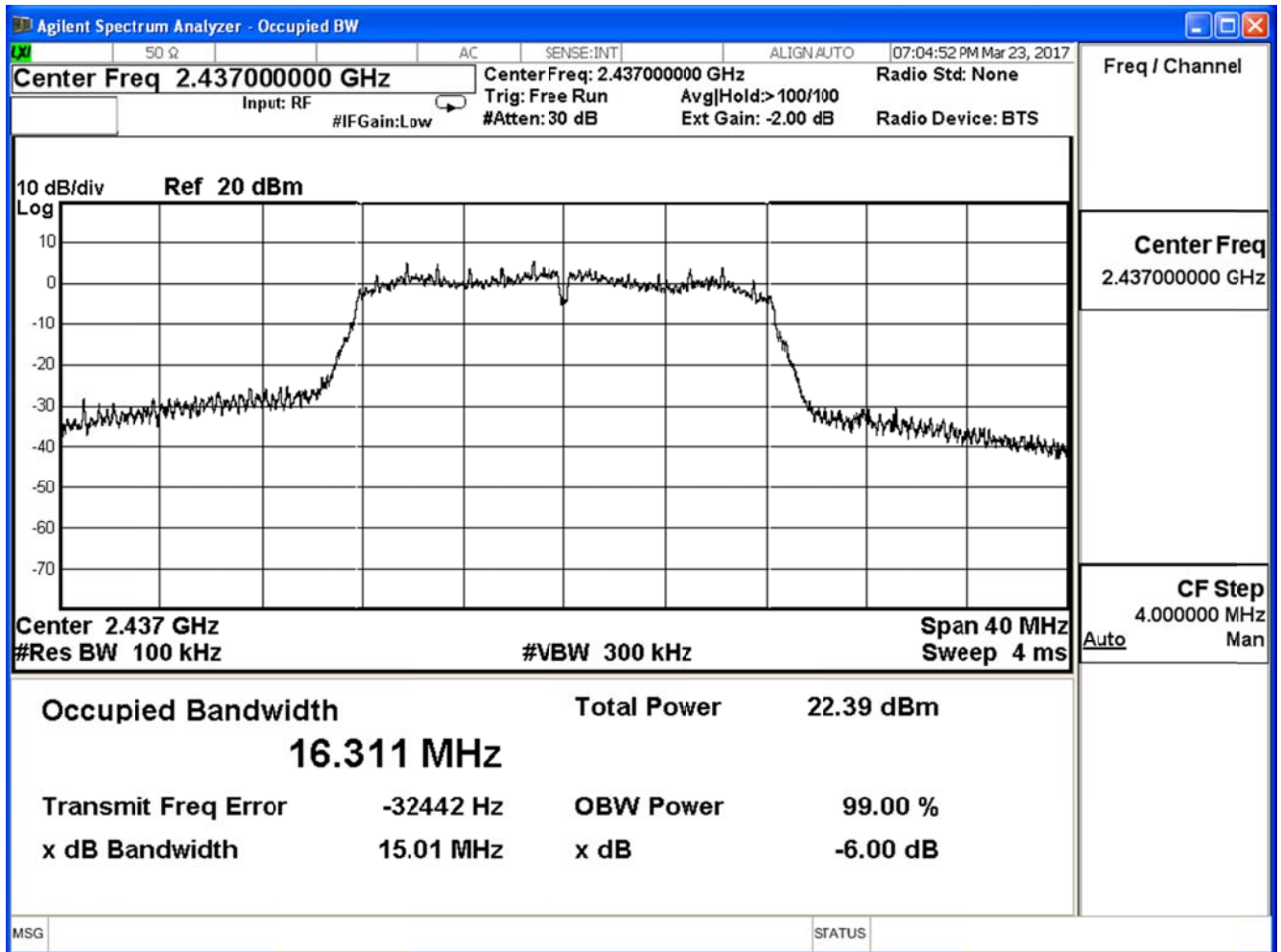
Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.080	≥ 0.5	Pass
6	2437	15.010	≥ 0.5	Pass
11	2462	15.070	≥ 0.5	Pass

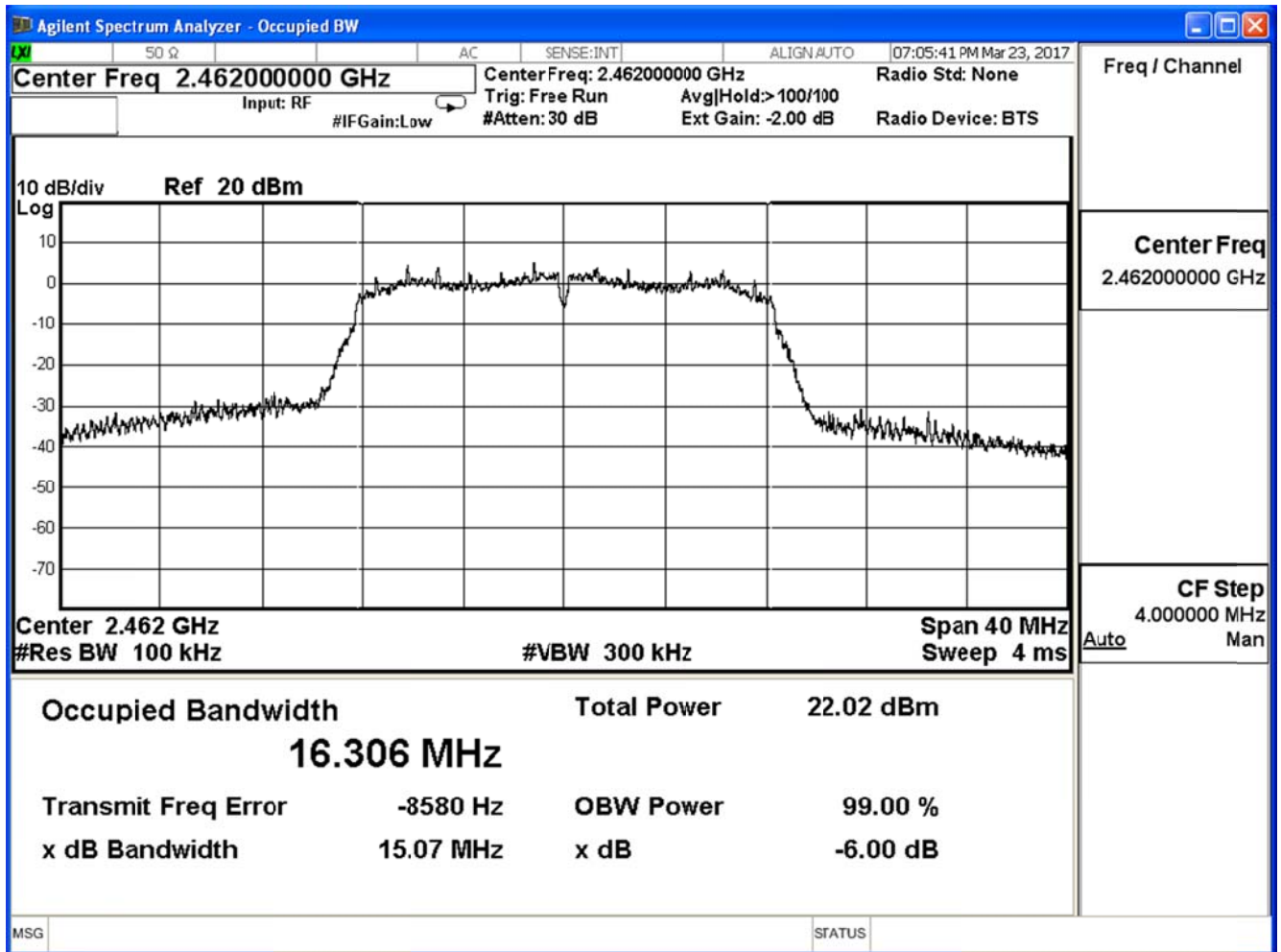
Channel 1



Channel 6



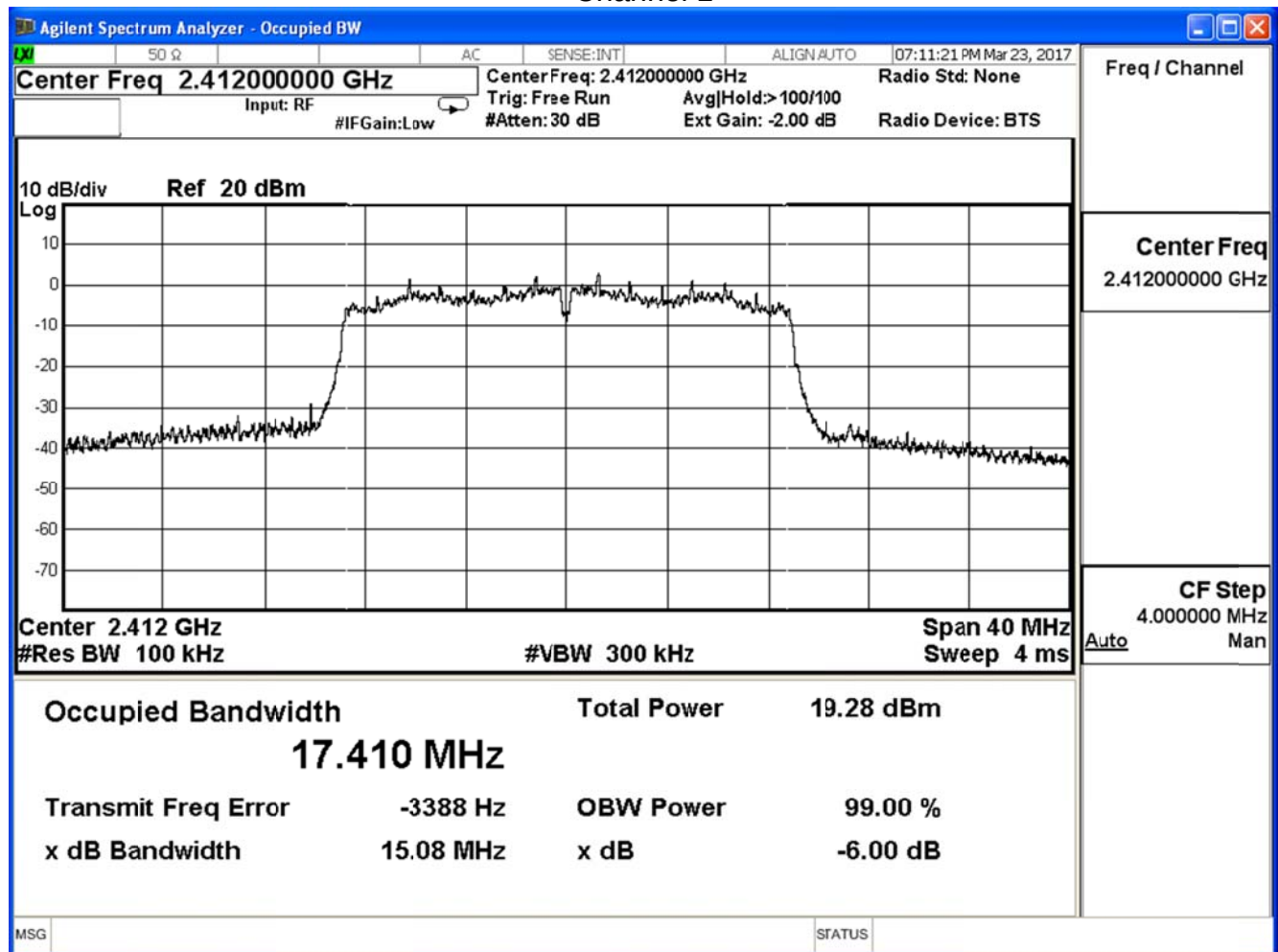
Channel 11



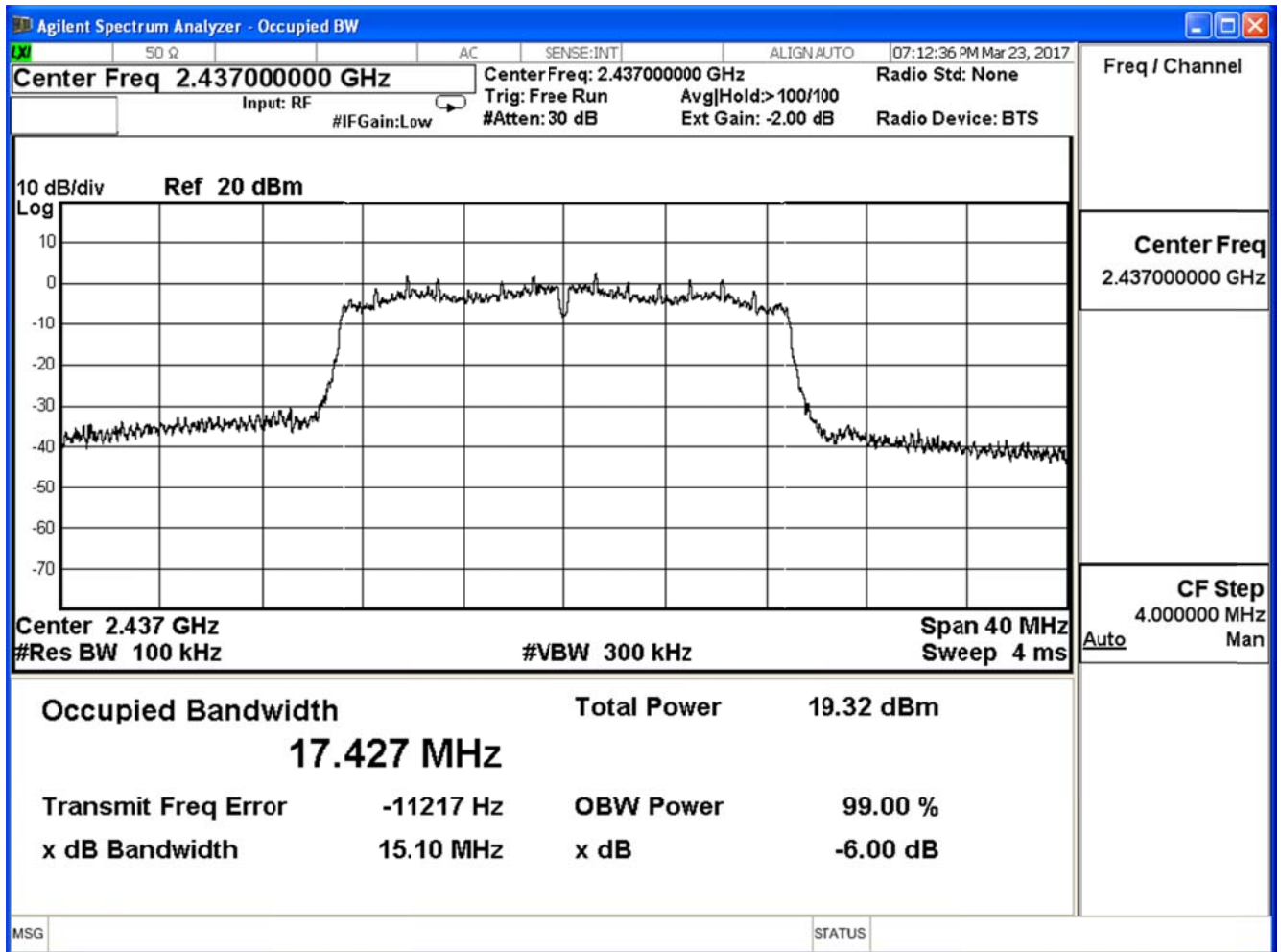
Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n_20M (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.080	≥ 0.5	Pass
6	2437	15.100	≥ 0.5	Pass
11	2462	15.010	≥ 0.5	Pass

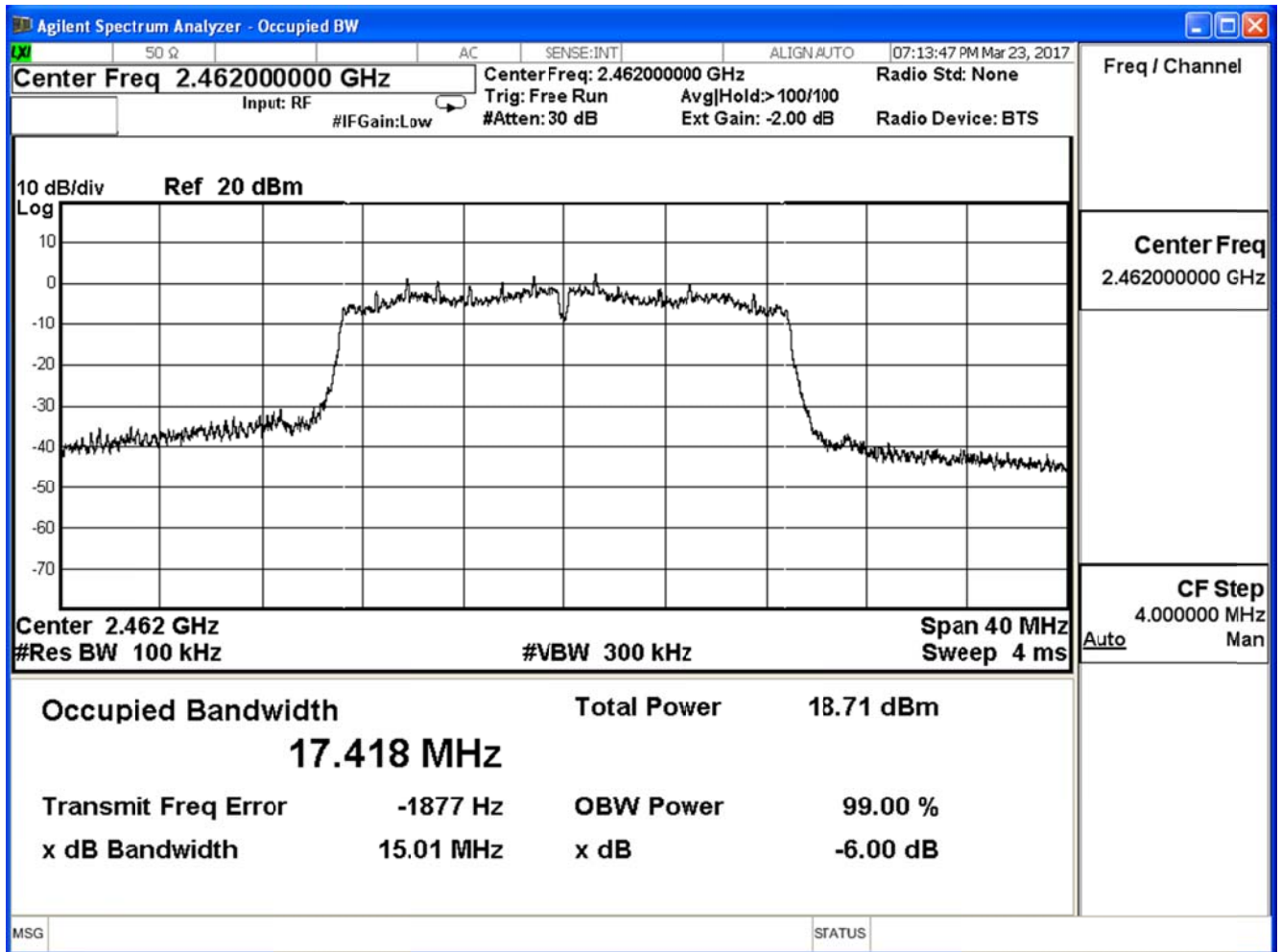
Channel 1



Channel 6



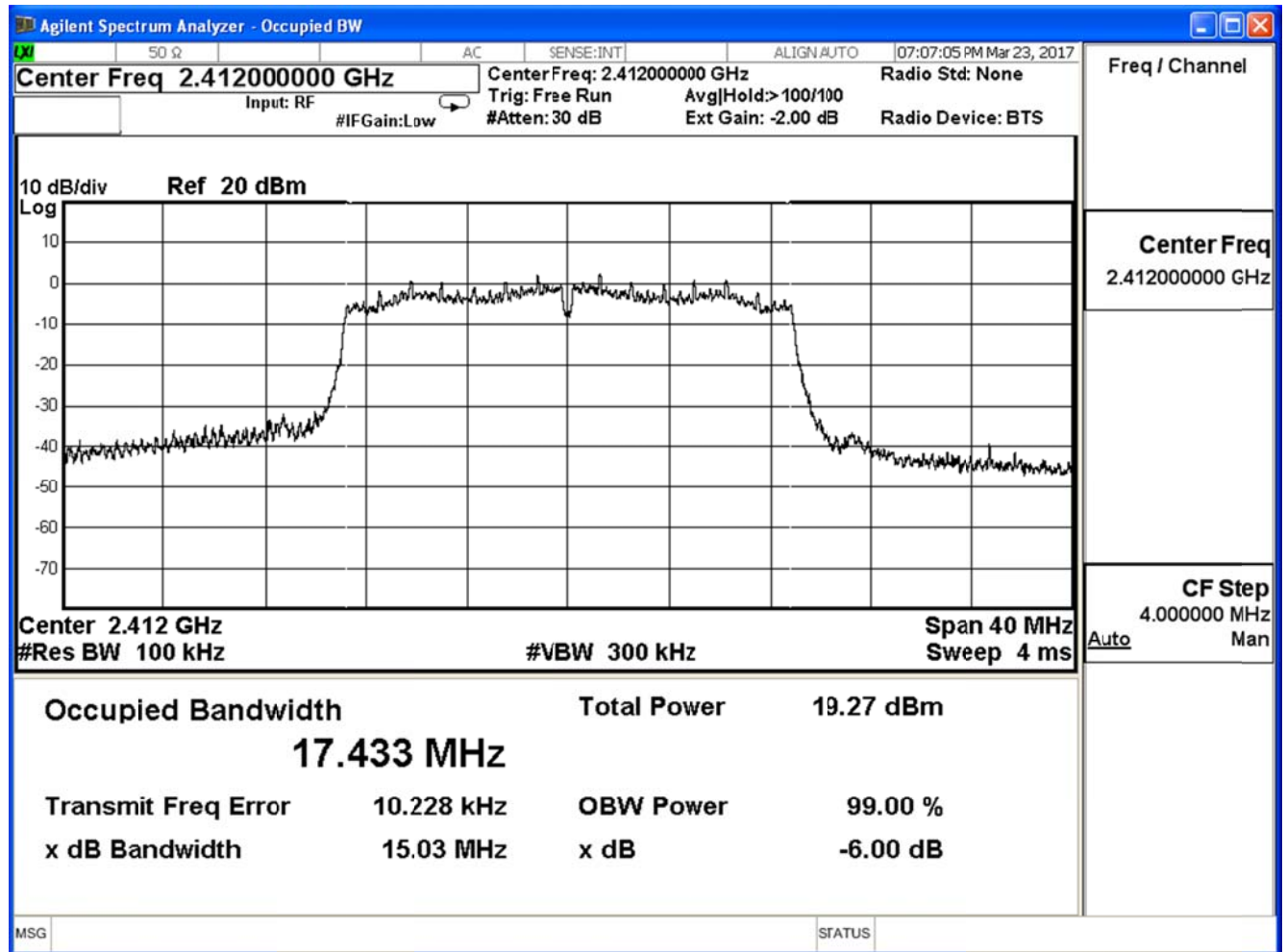
Channel 11



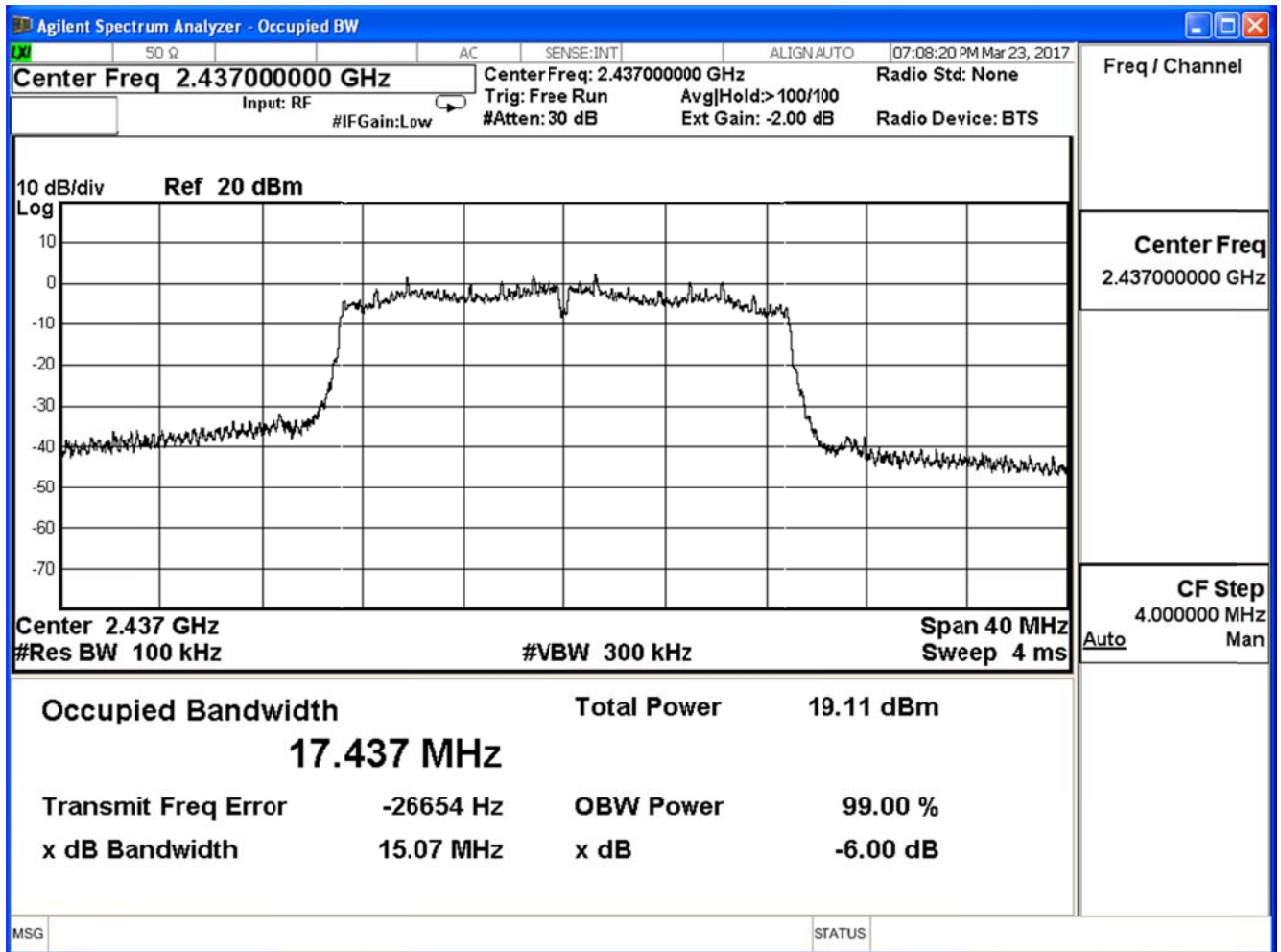
Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n_20M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	15.030	≥ 0.5	Pass
6	2437	15.070	≥ 0.5	Pass
11	2462	15.070	≥ 0.5	Pass

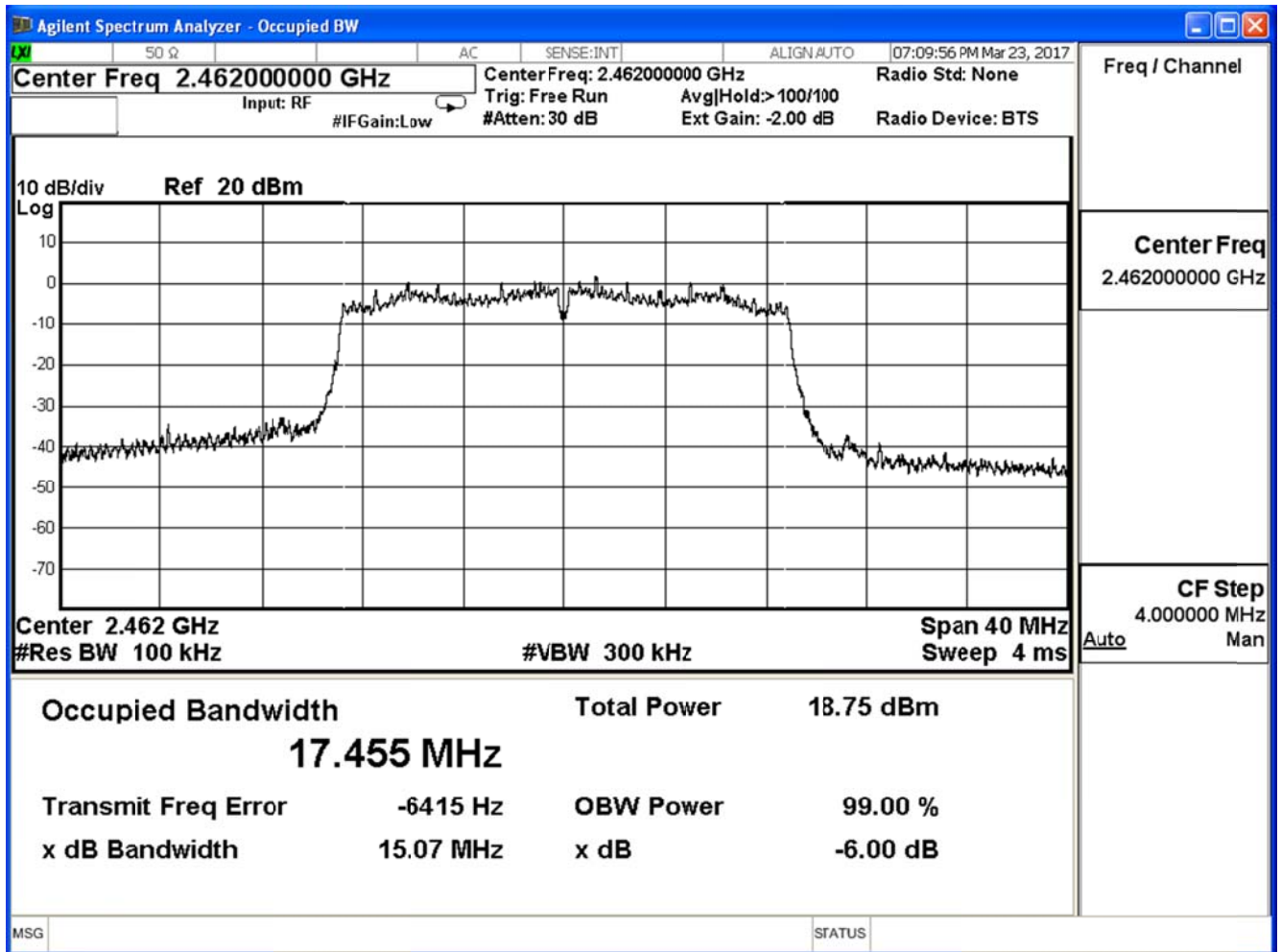
Channel 1



Channel 6



Channel 11

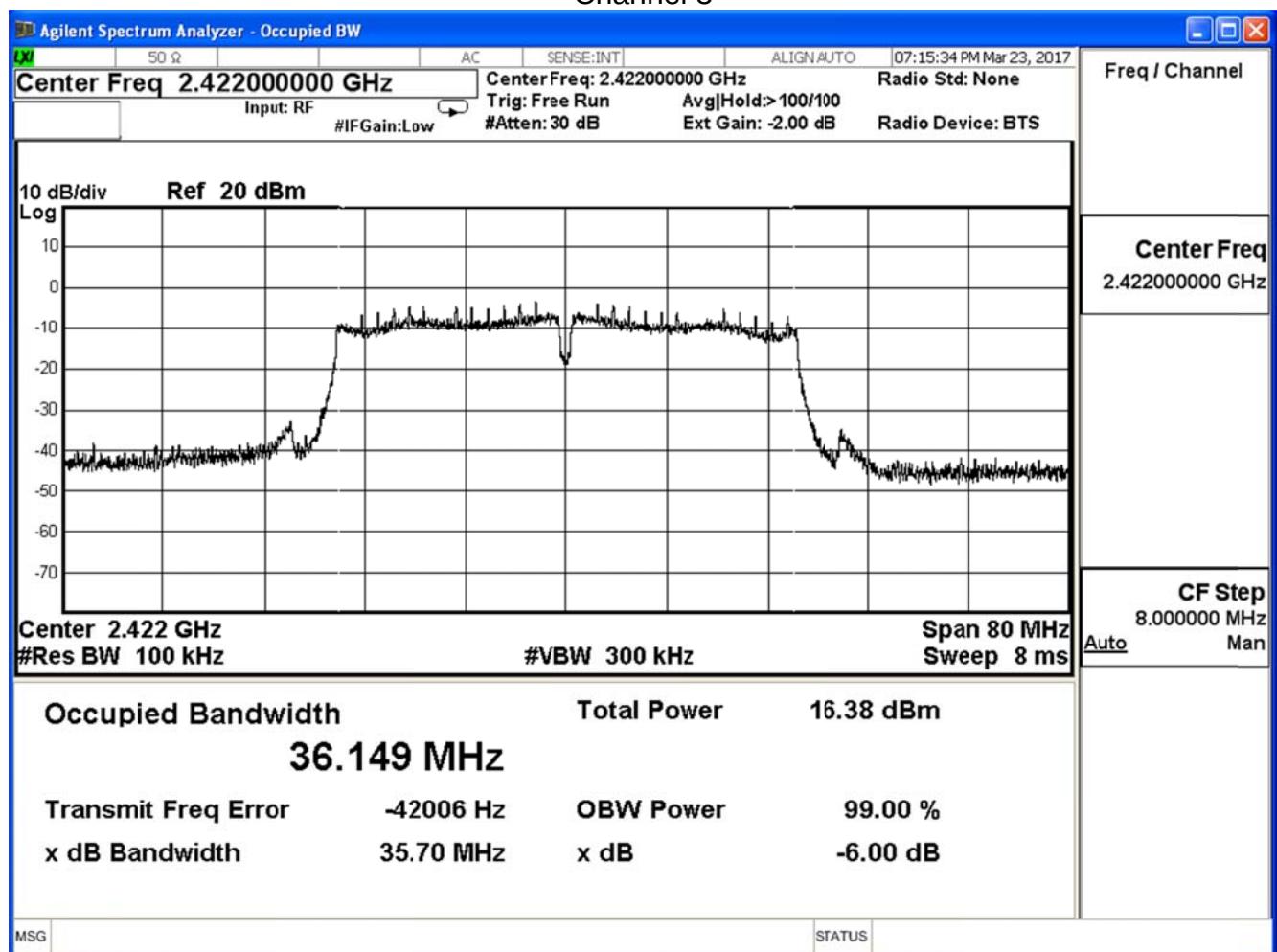


Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

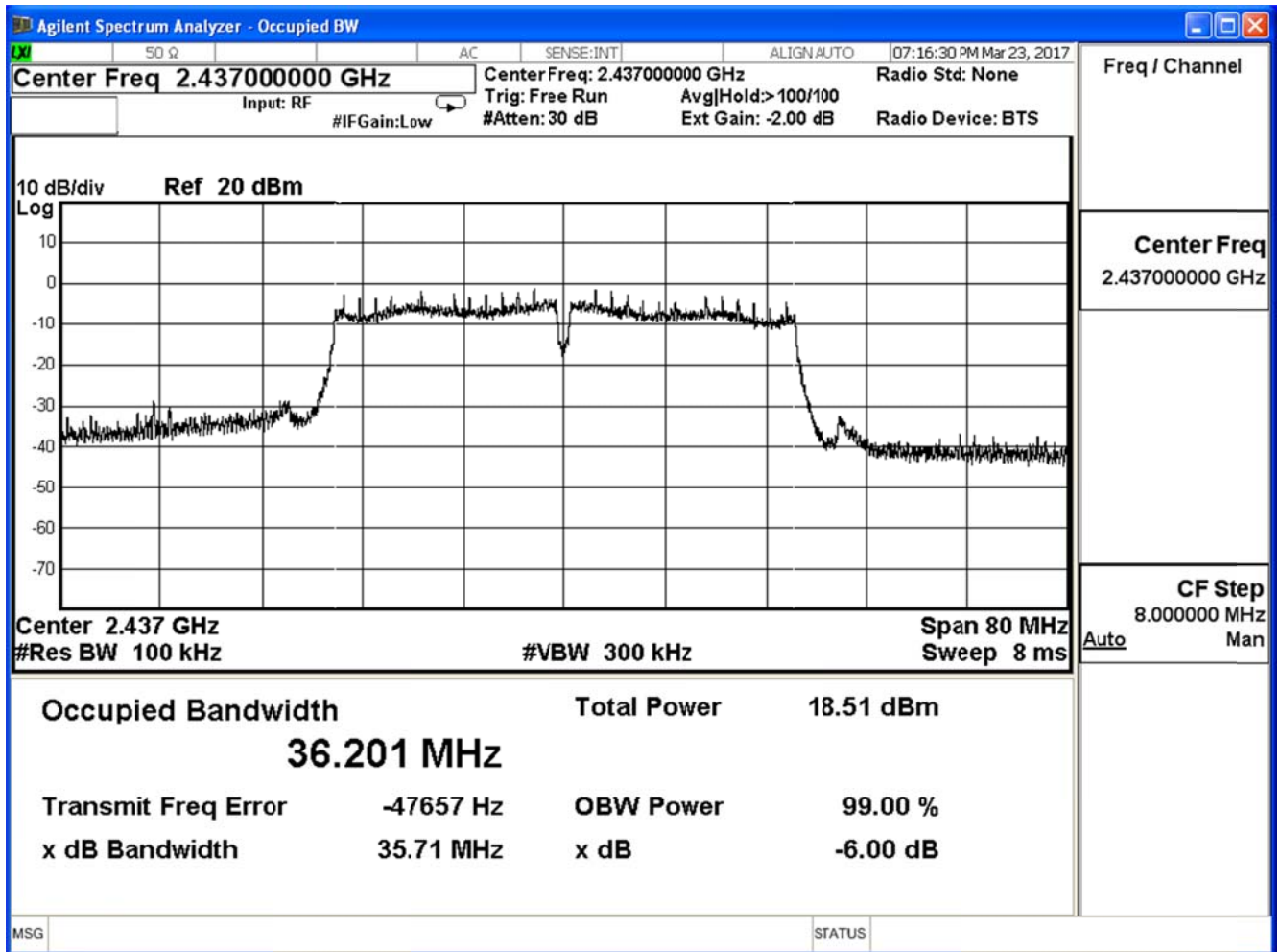
IEEE 802.11n_40M (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.700	≥ 0.5	Pass
6	2437	35.710	≥ 0.5	Pass
9	2452	35.730	≥ 0.5	Pass

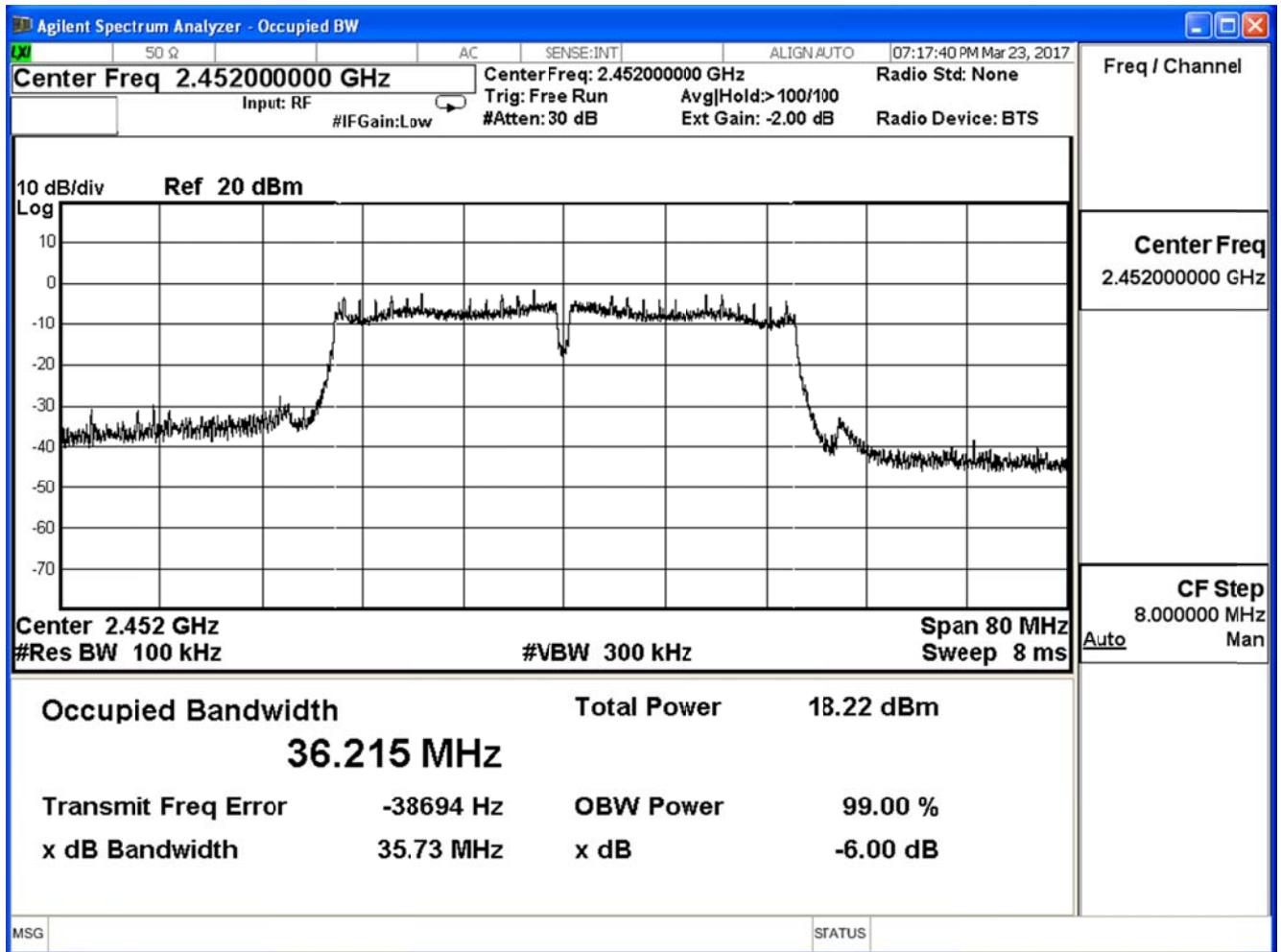
Channel 3



Channel 6



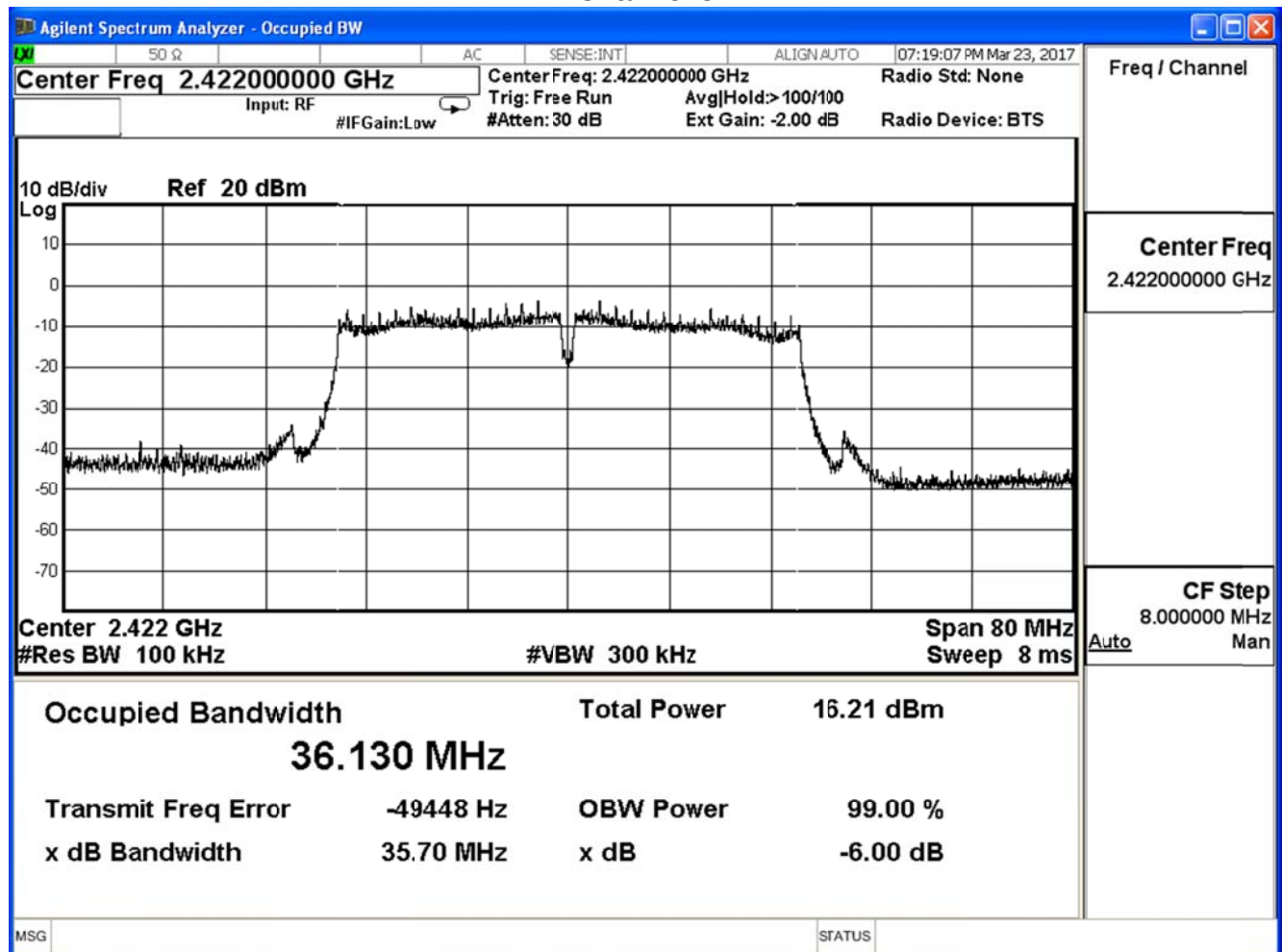
Channel 9



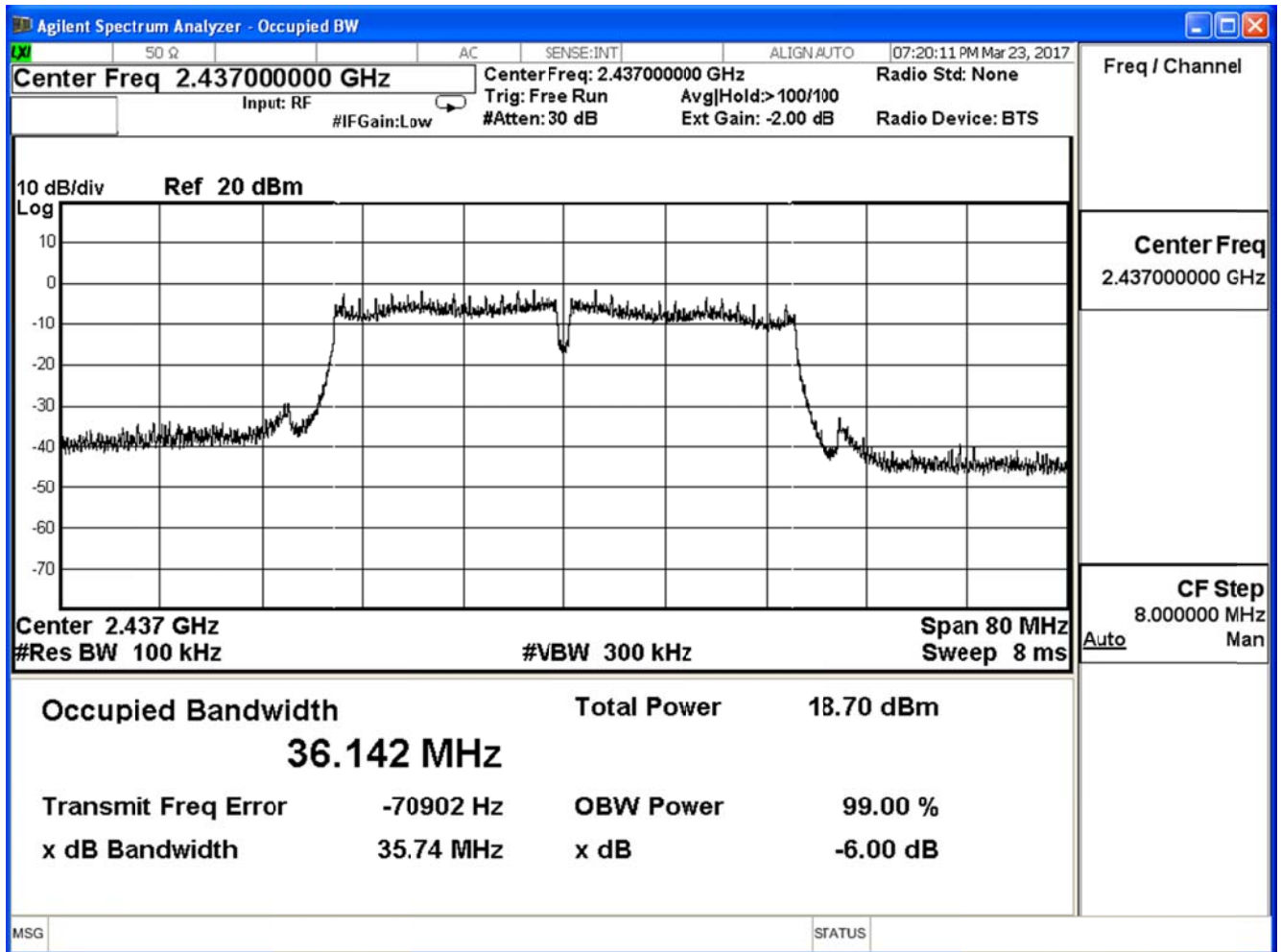
Product	UHD751-P		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11n_40M (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	35.700	≥ 0.5	Pass
6	2437	35.740	≥ 0.5	Pass
9	2452	36.340	≥ 0.5	Pass

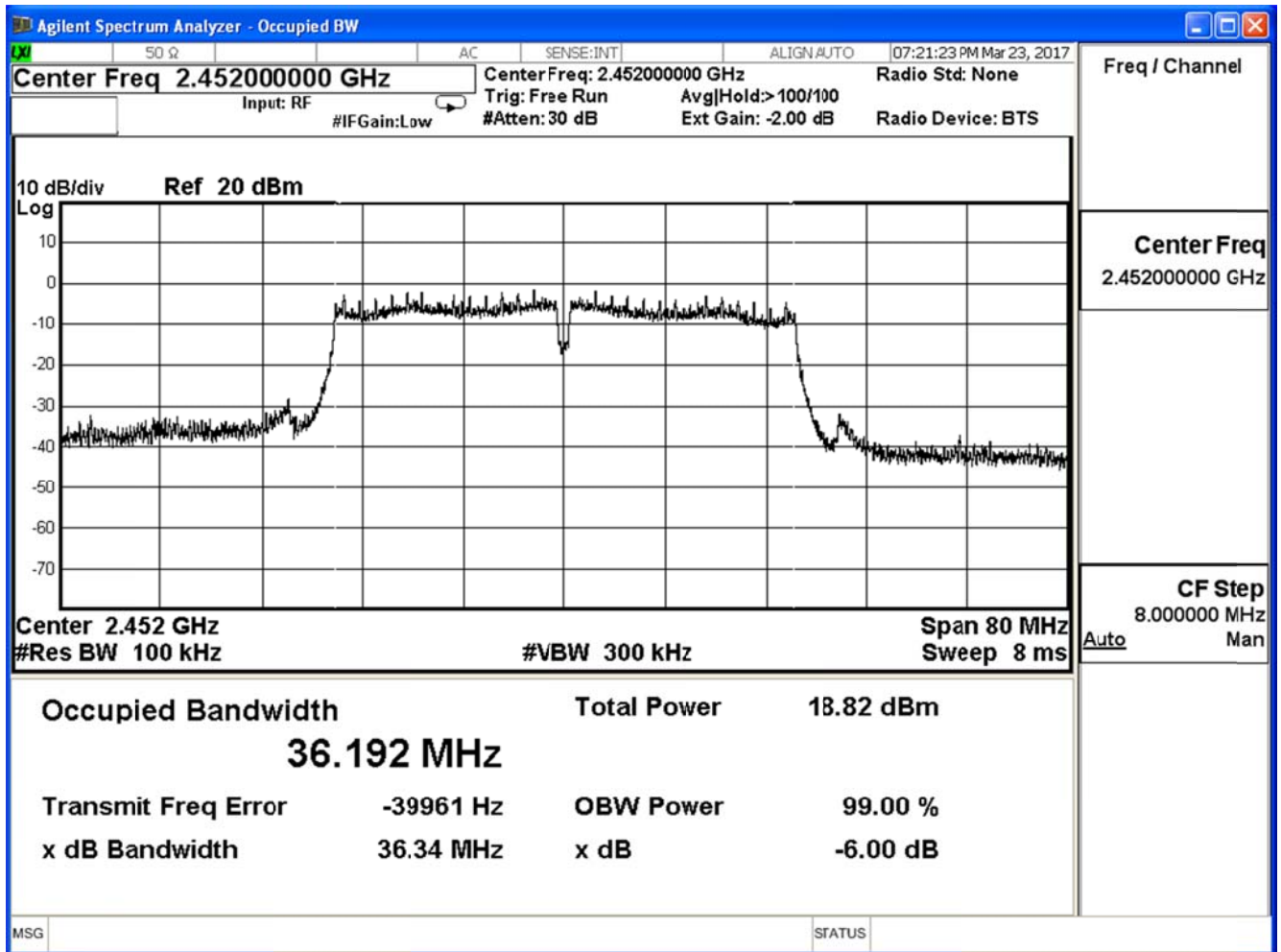
Channel 3



Channel 6



Channel 9



8. Occupied Bandwidth

8.1. Test Equipment

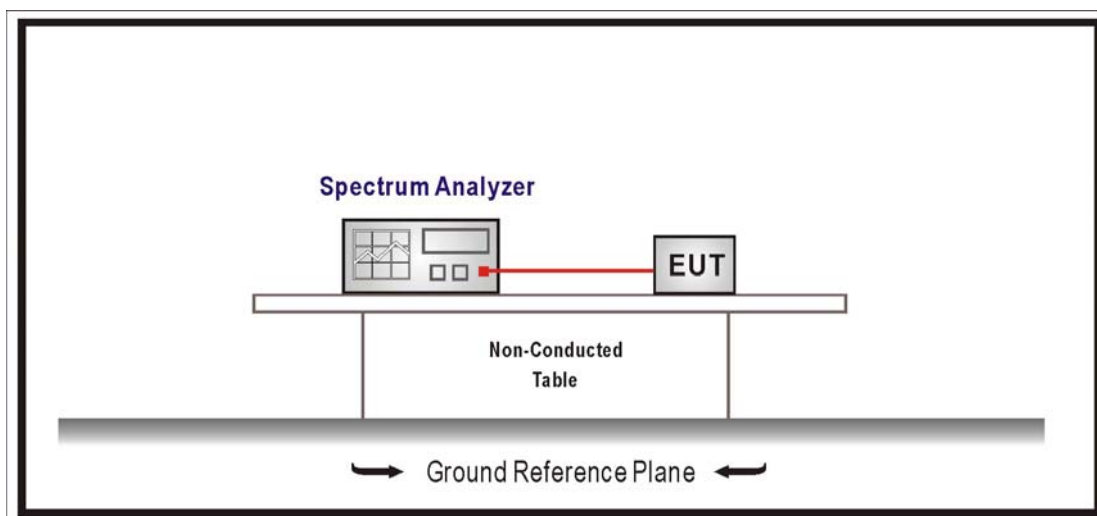
The following test equipments are used during the test:

Occupied Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipments that need to calibrate are with calibration period of 1 year.

8.2. Test Setup



8.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB558074 D01 V04 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 1-5% of the OBW, Set the VBW $\geq 3 \times$ RBW, Sweep Time=Auto.

8.4. Limits

NA

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

8.6. Uncertainty

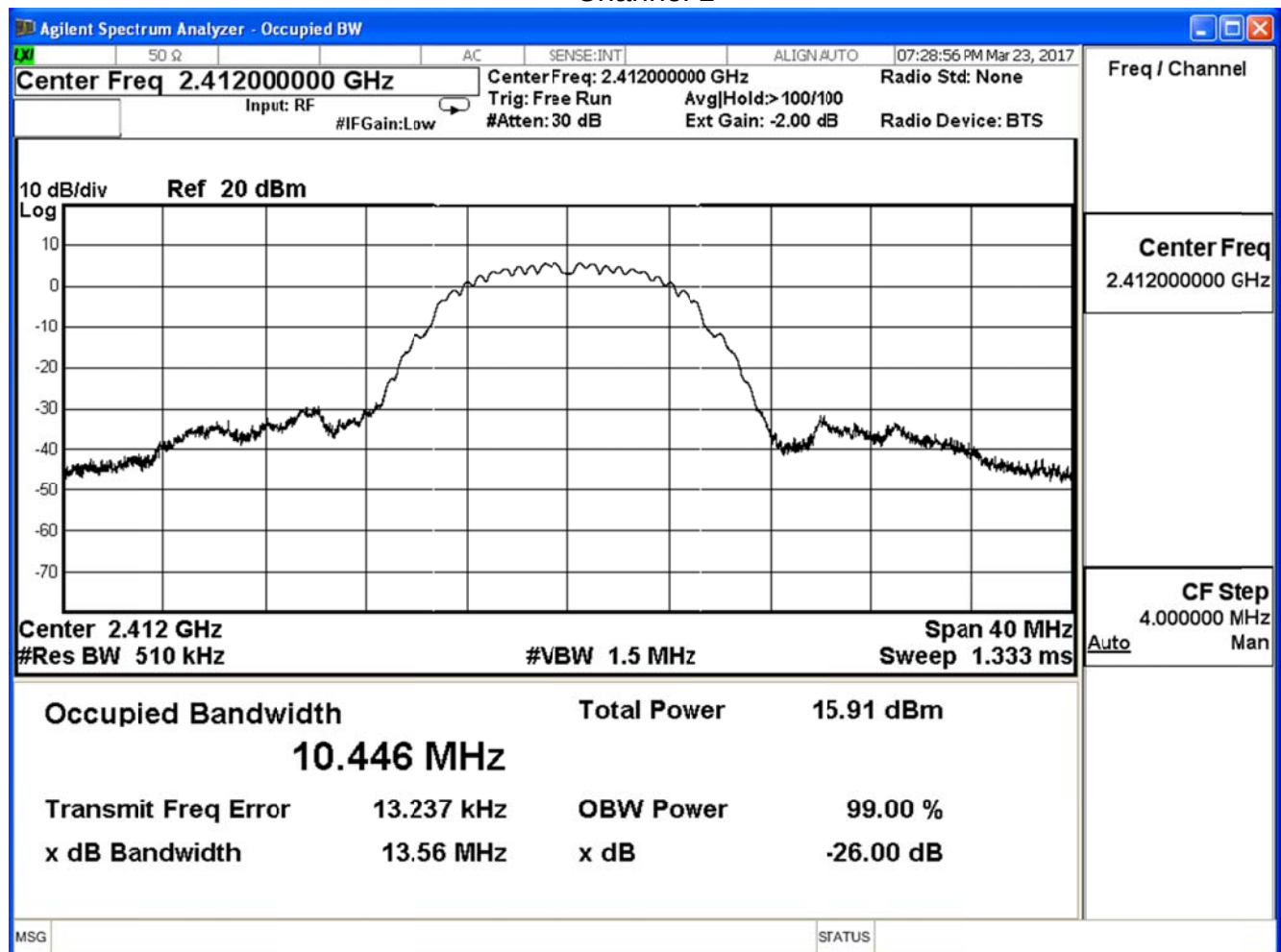
The measurement uncertainty is defined as ± 150 Hz

8.7. Test Result

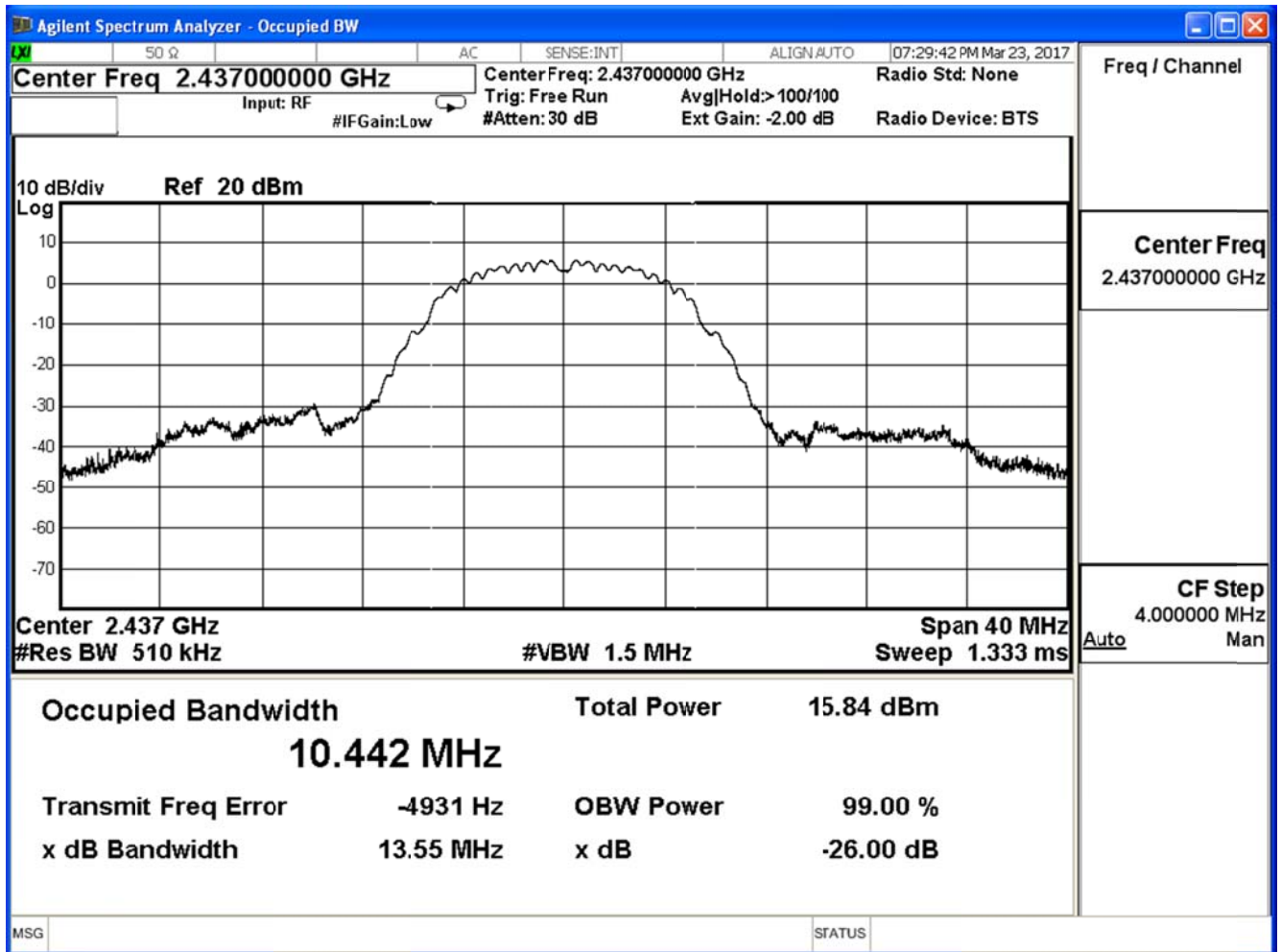
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	10.446	--	Pass
6	2437	10.442	--	Pass
11	2462	10.454	--	Pass

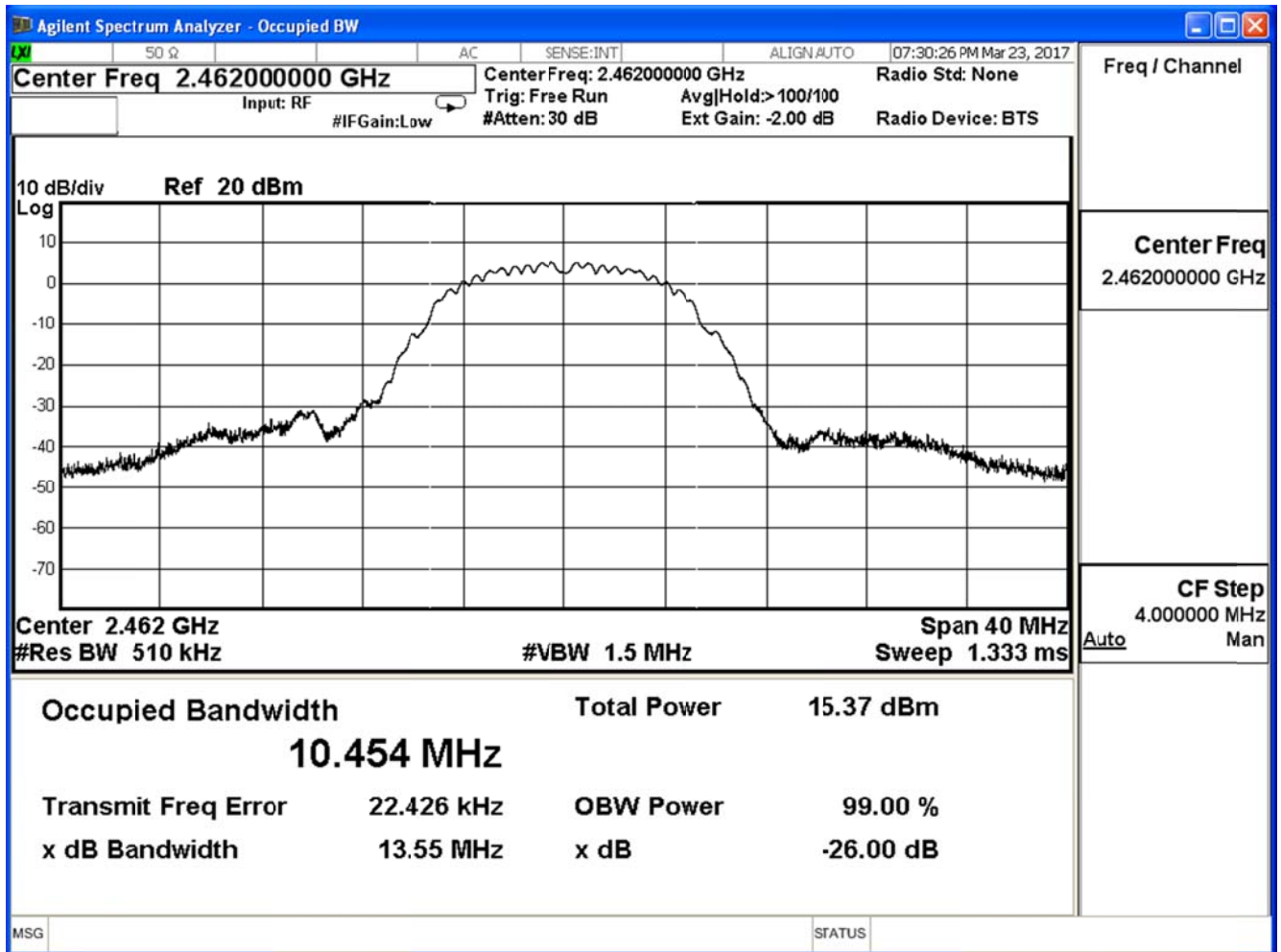
Channel 1



Channel 6



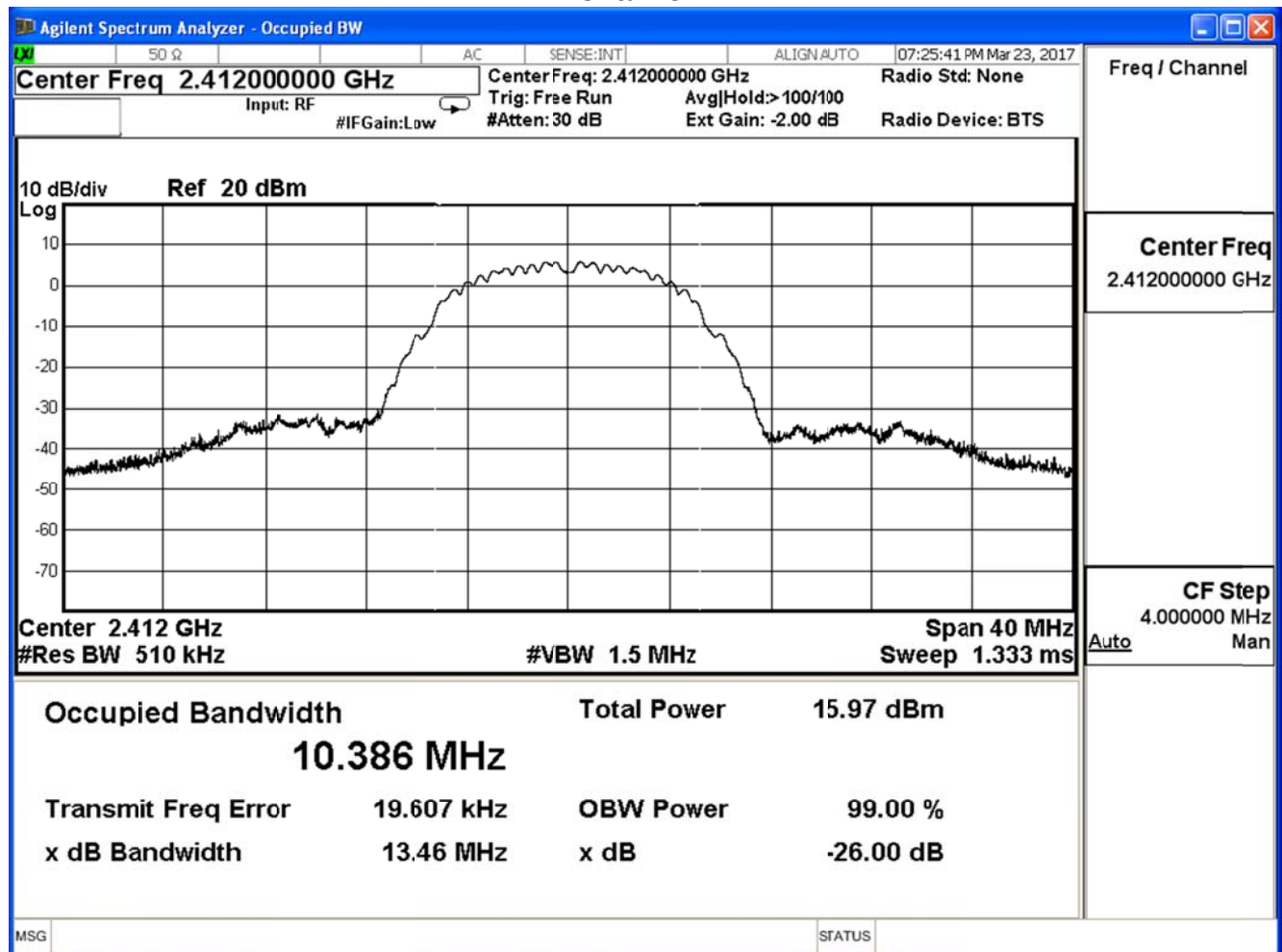
Channel 11



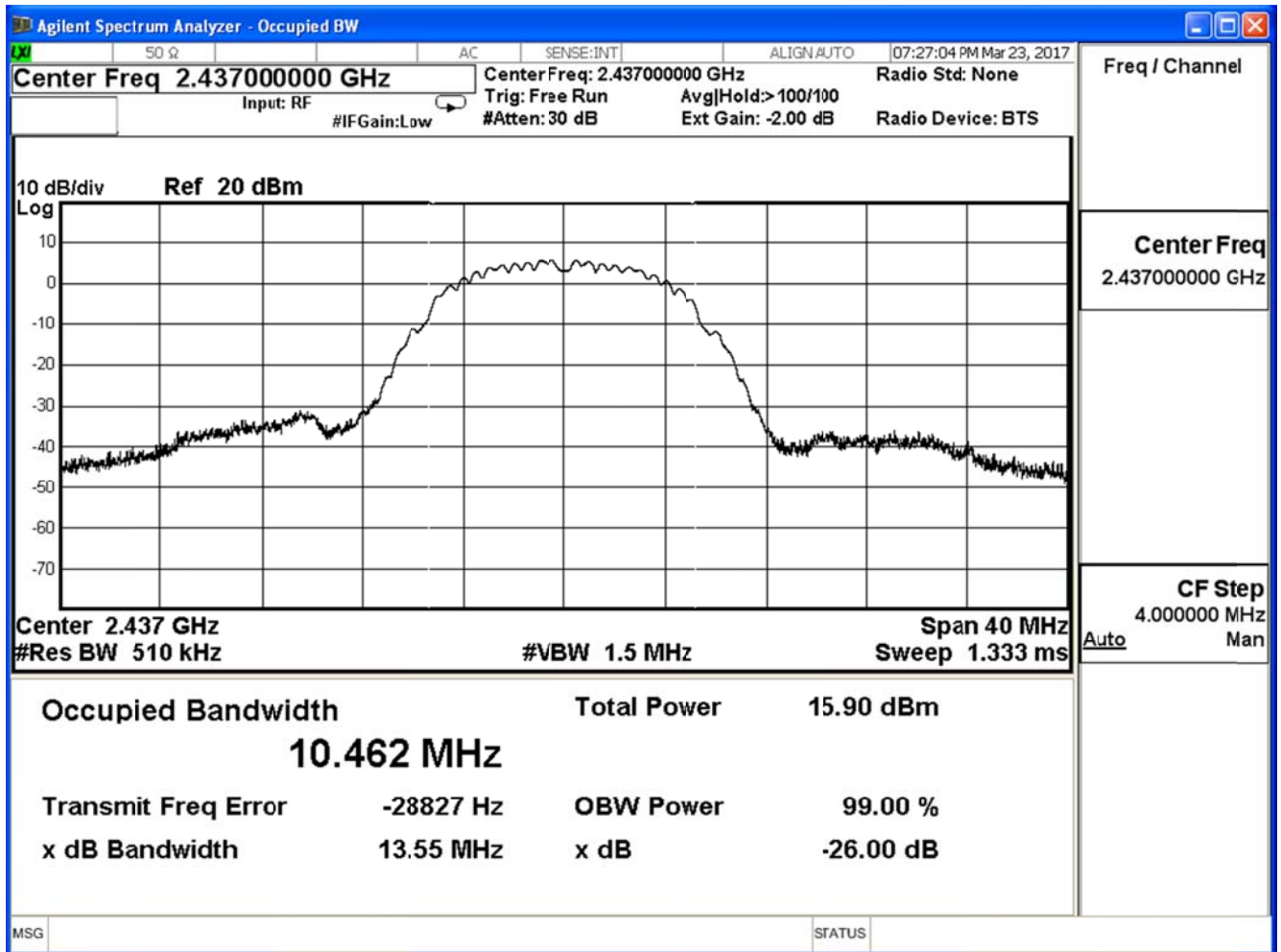
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	10.386	--	Pass
6	2437	10.462	--	Pass
11	2462	10.468	--	Pass

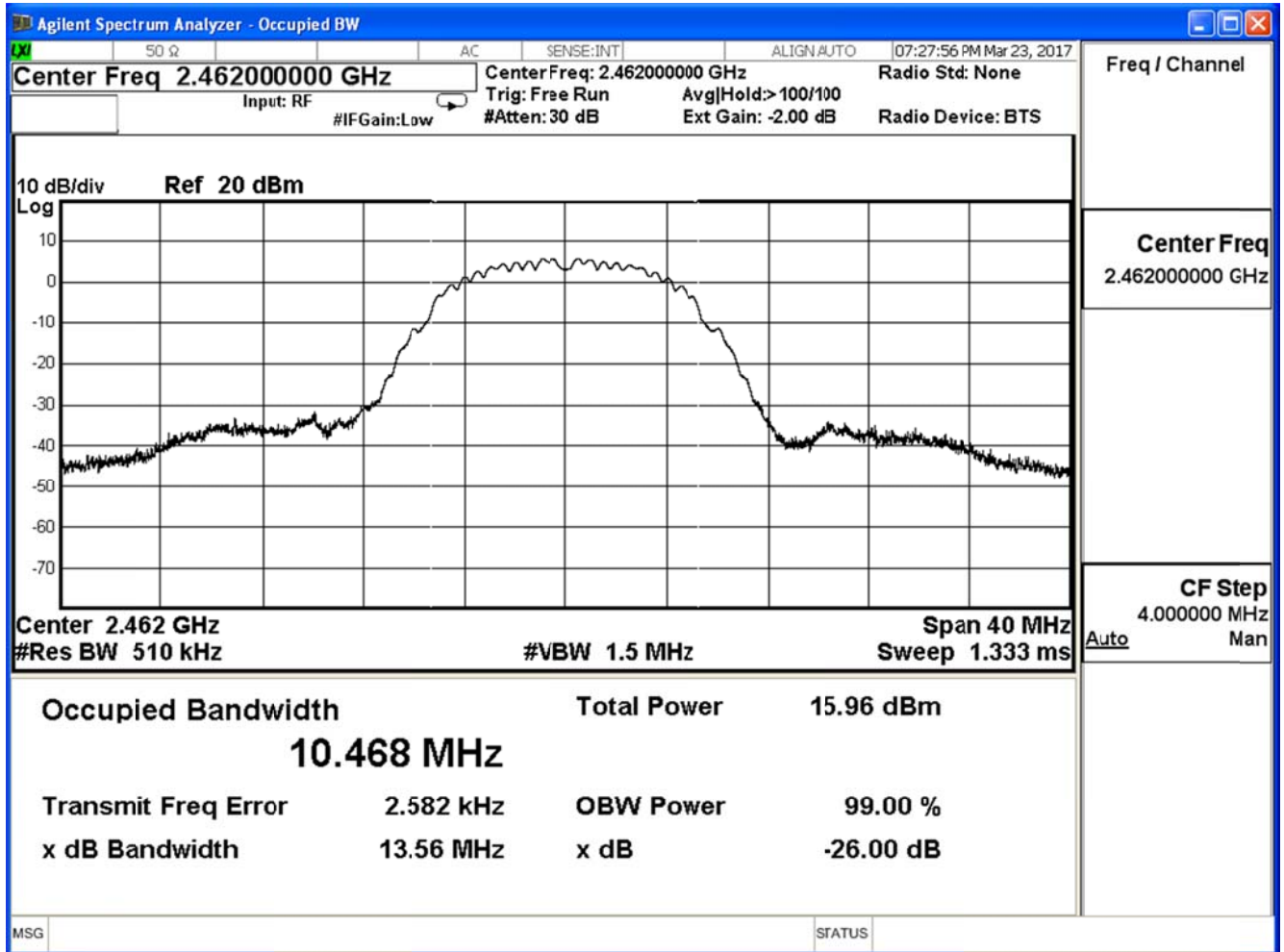
Channel 1



Channel 6



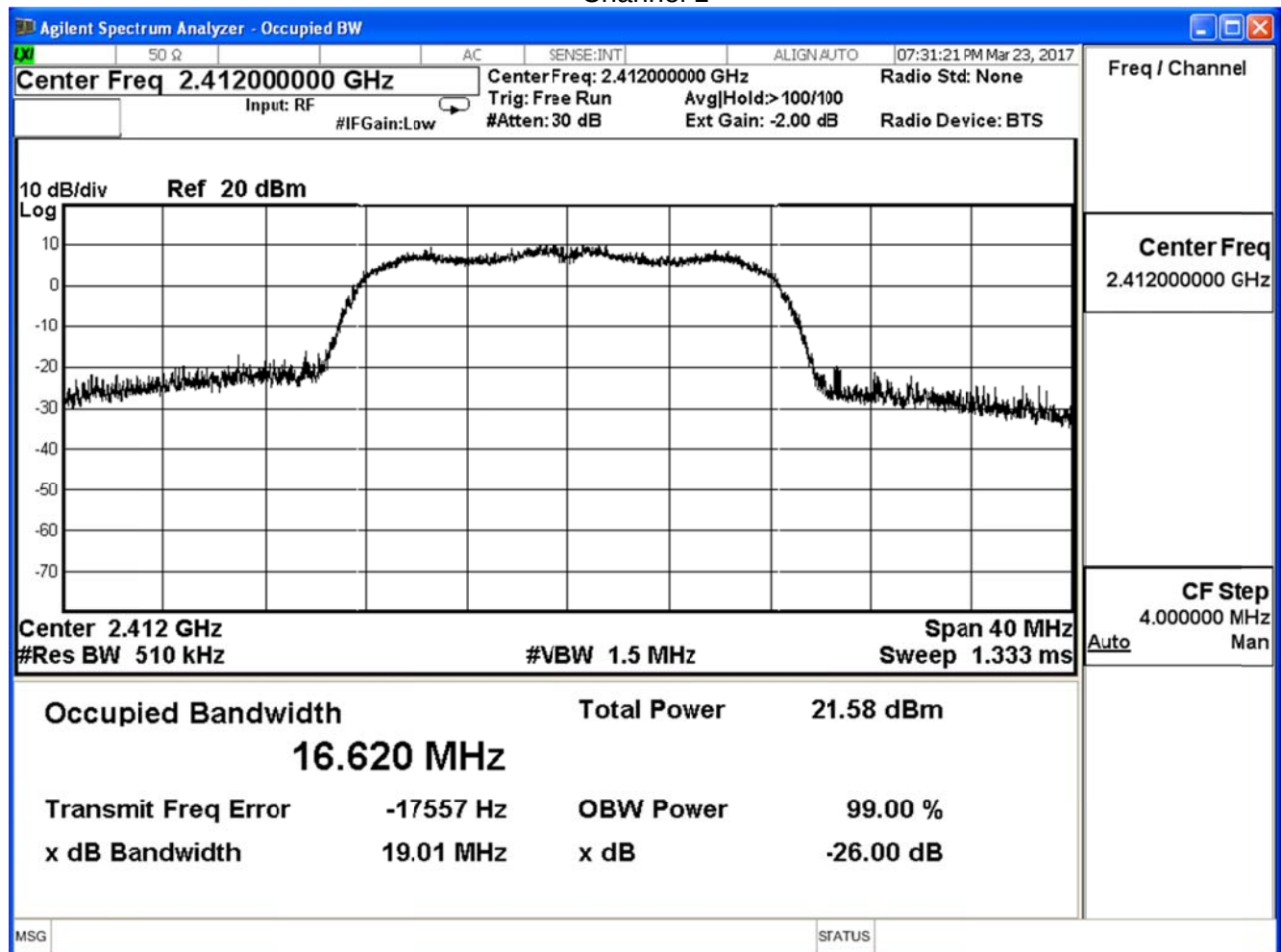
Channel 11



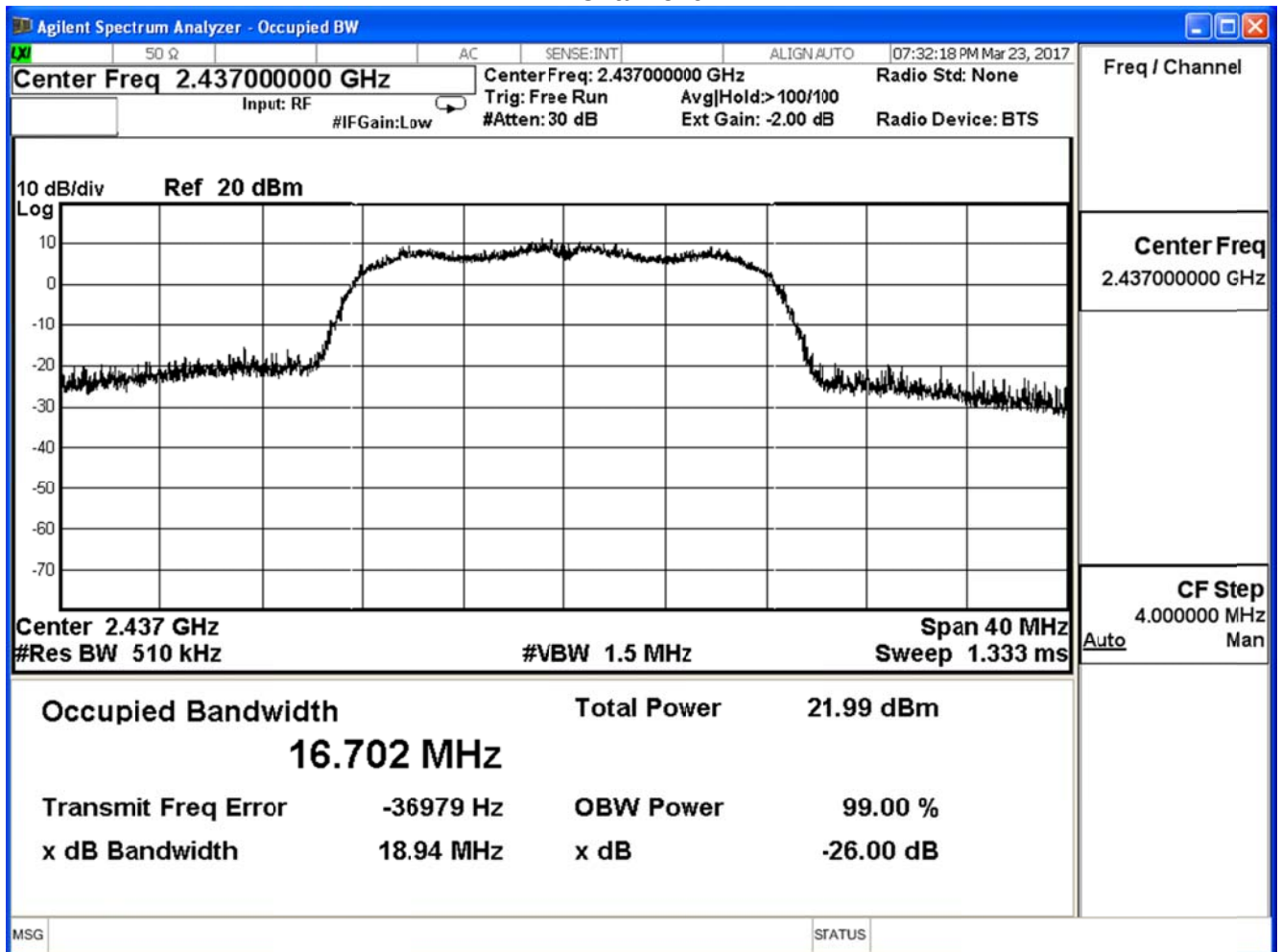
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	16.620	--	Pass
6	2437	16.702	--	Pass
11	2462	16.734	--	Pass

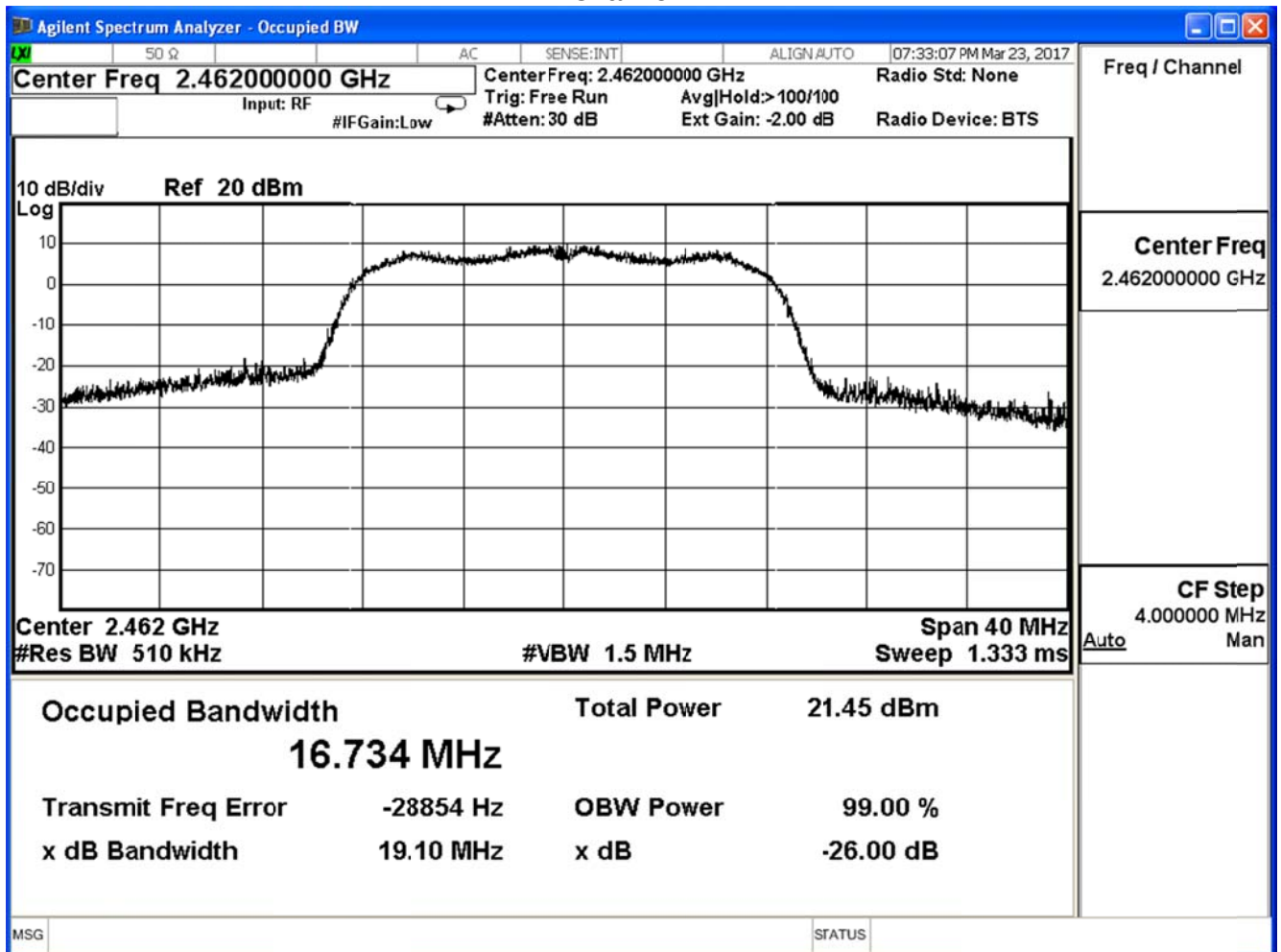
Channel 1



Channel 6



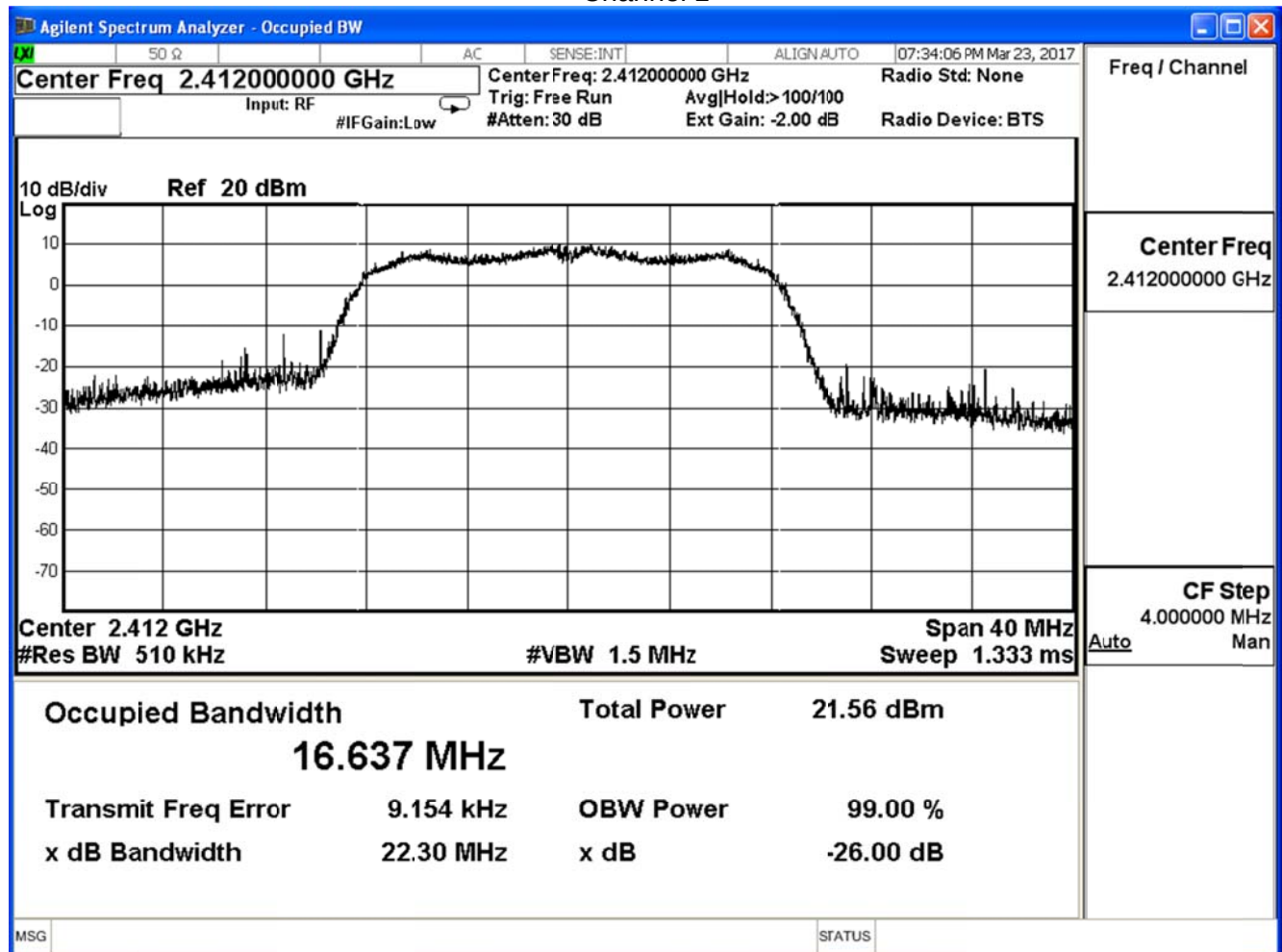
Channel 11



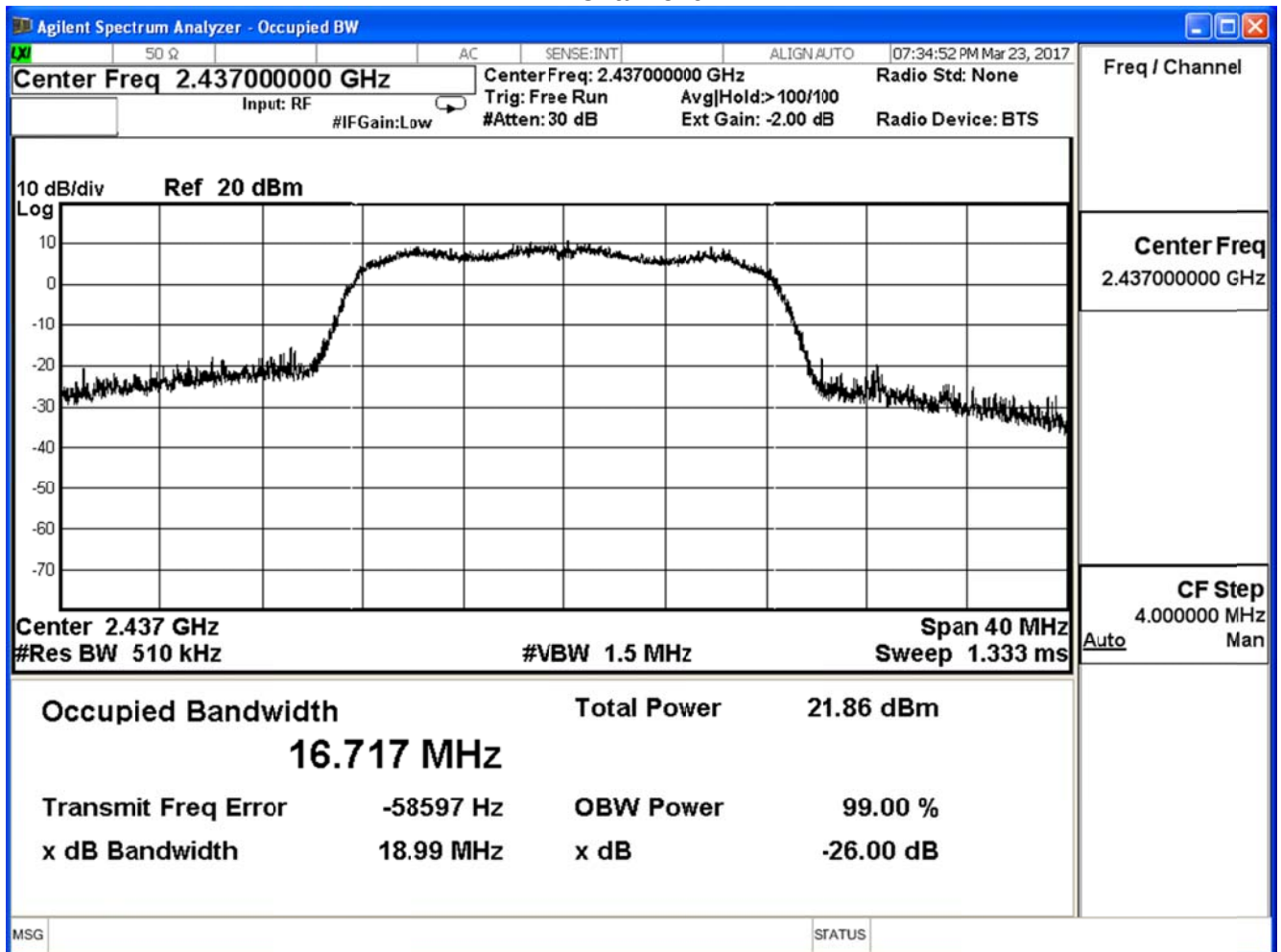
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

802.11 g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	16.637	--	Pass
6	2437	16.717	--	Pass
11	2462	16.678	--	Pass

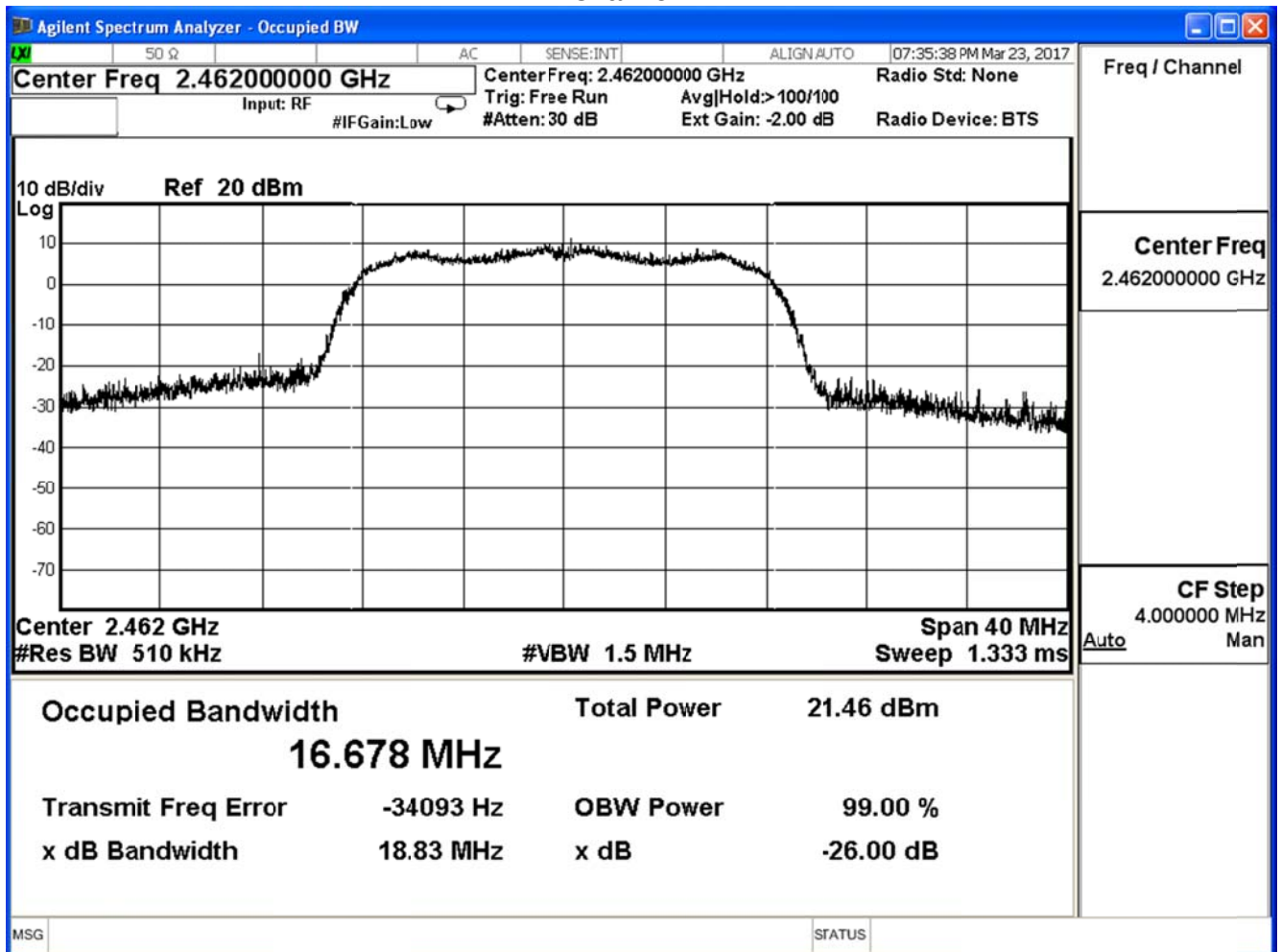
Channel 1



Channel 6



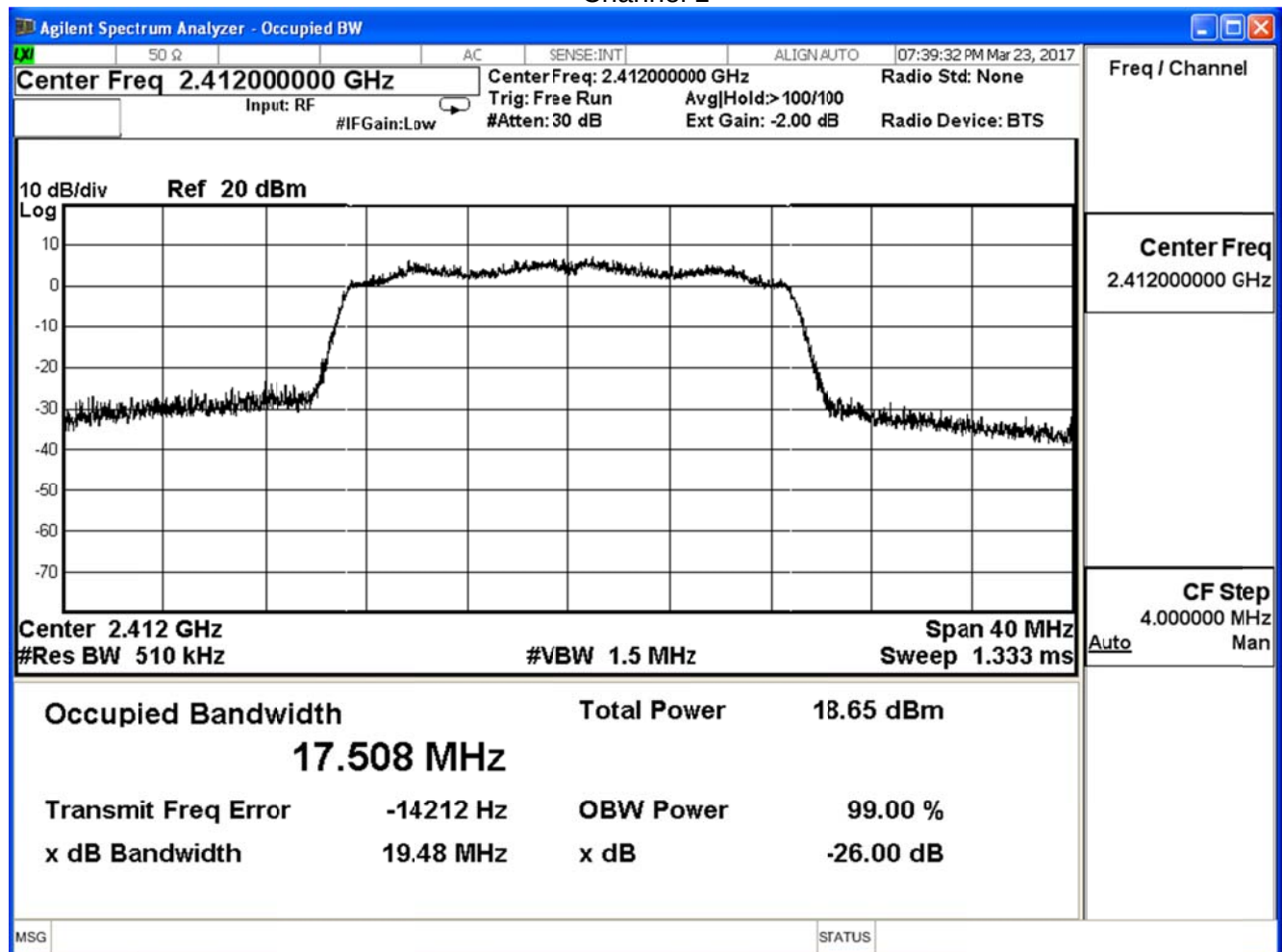
Channel 11



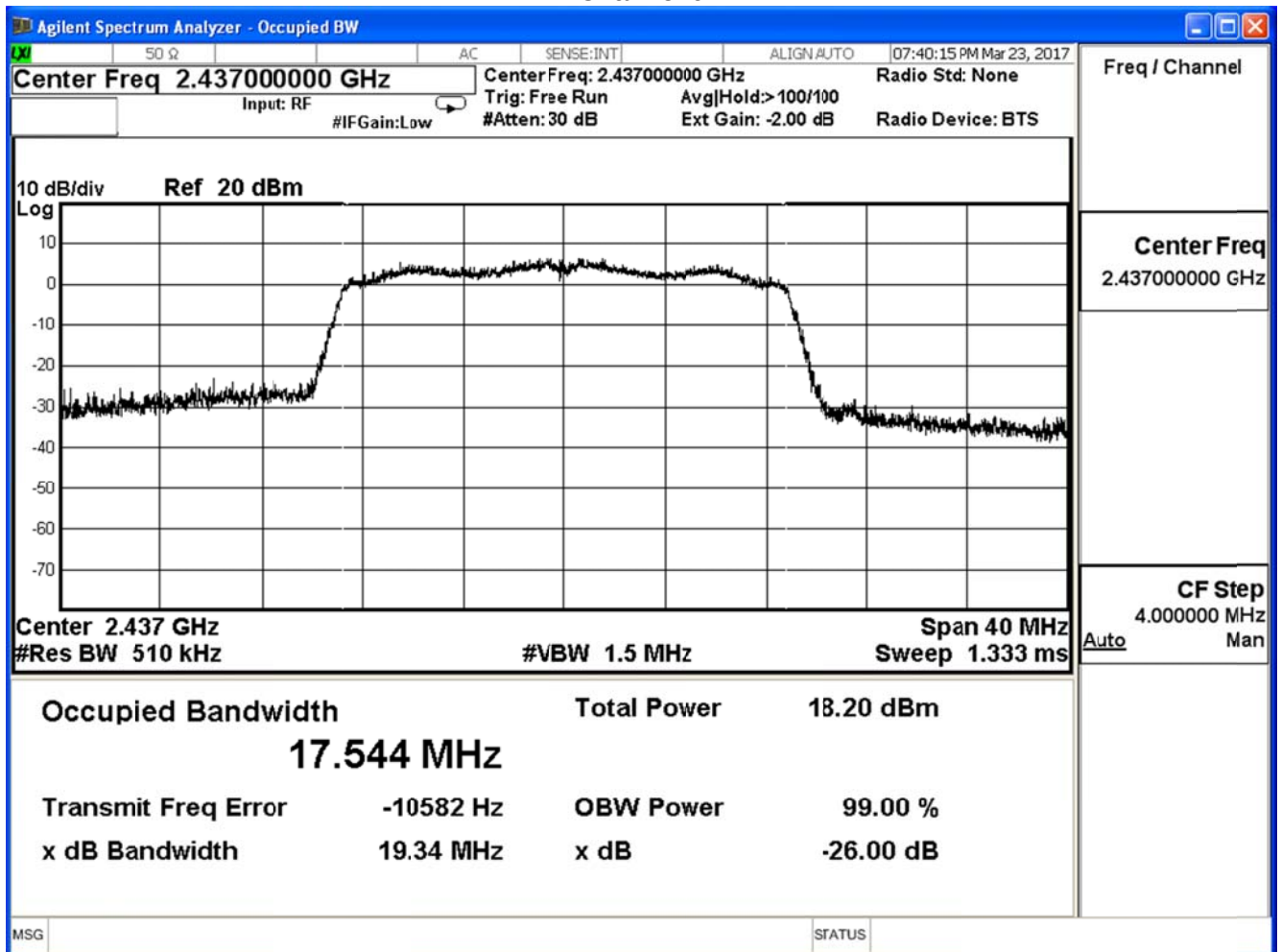
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE802.11n 20MHz (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level(MHz)	Limit (MHz)	Result
1	2412	17.508	--	Pass
6	2437	17.544	--	Pass
11	2462	17.511	--	Pass

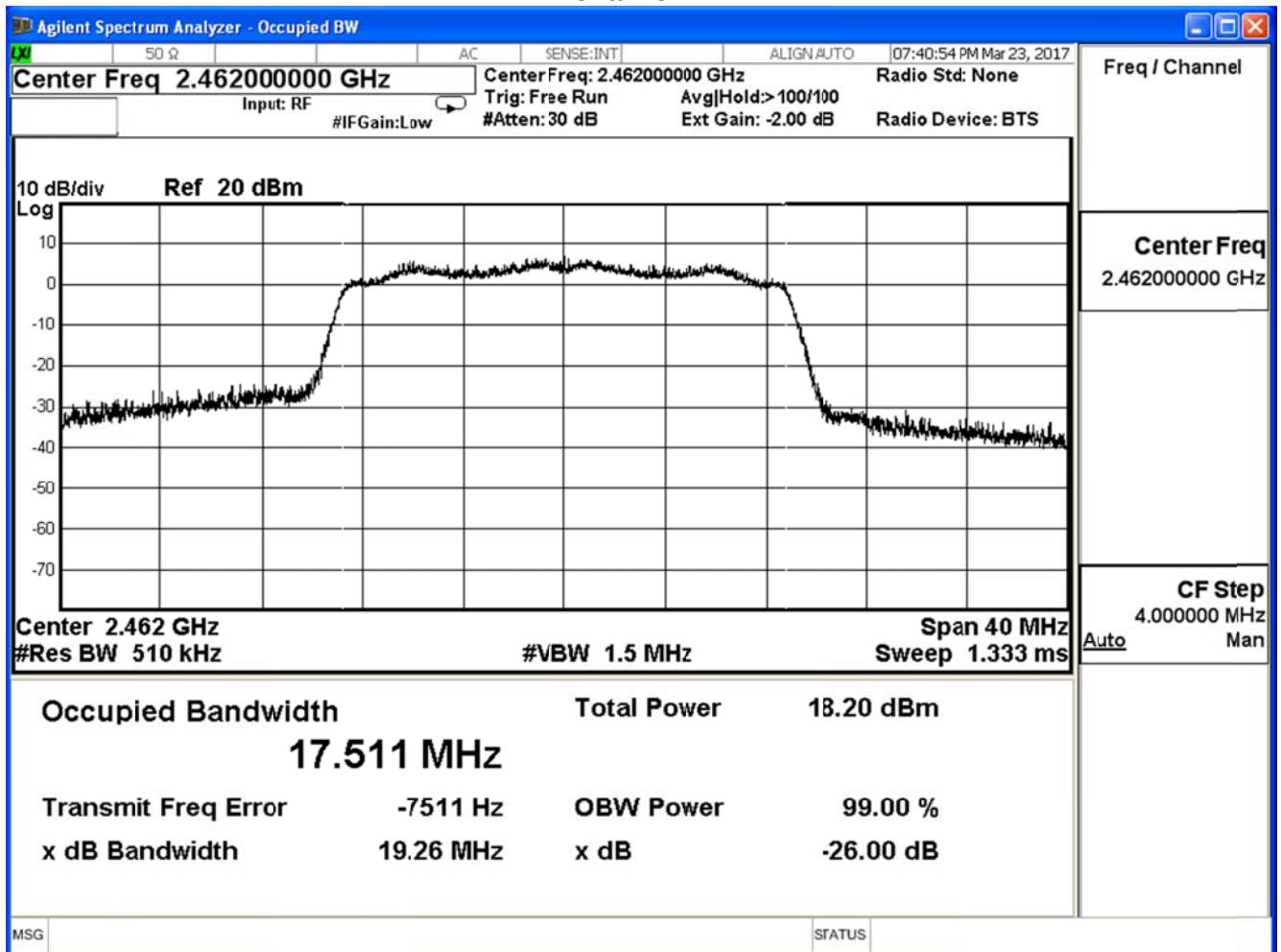
Channel 1



Channel 6



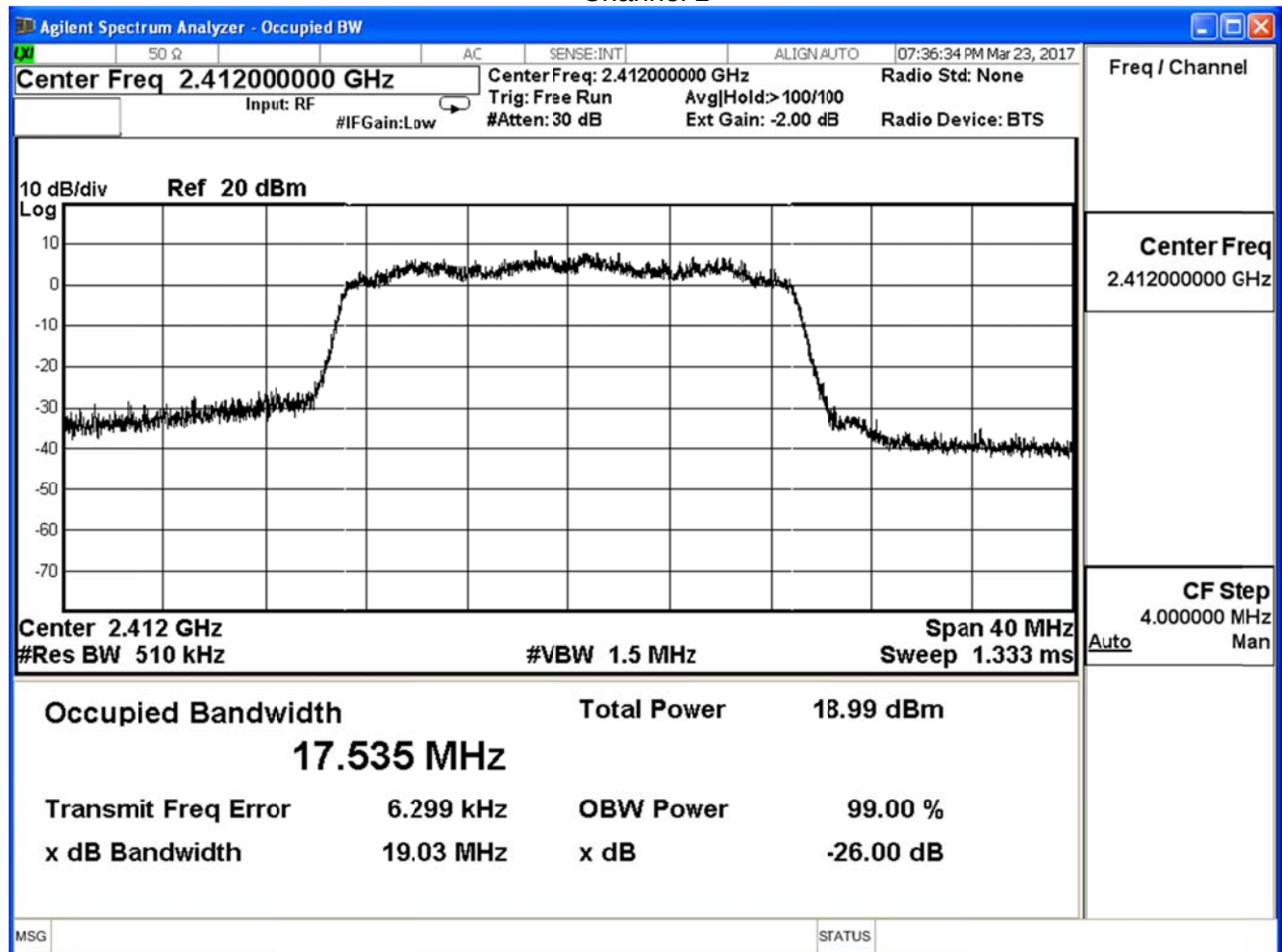
Channel 11



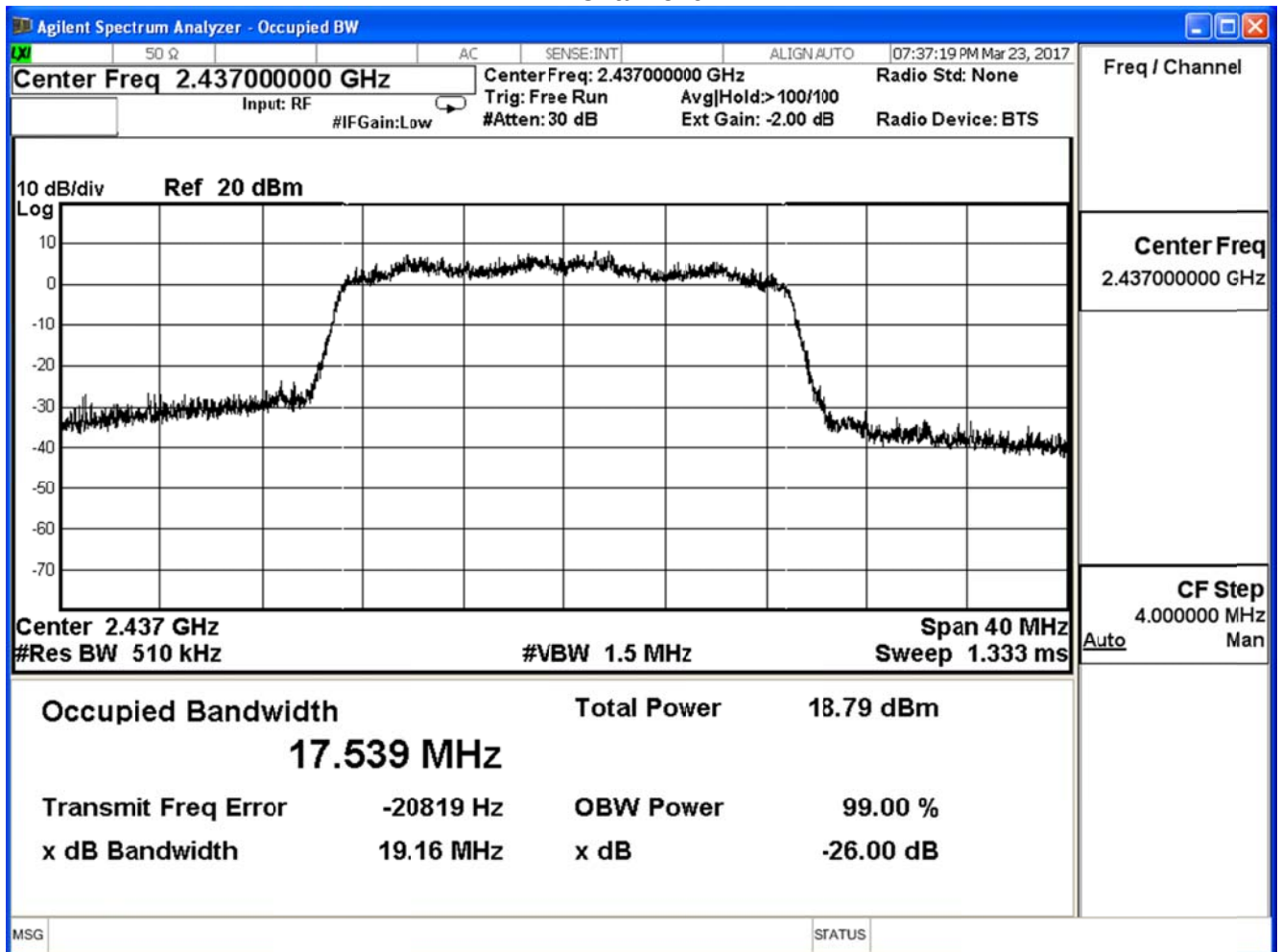
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE802.11n 20MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
1	2412	17.535	--	Pass
6	2437	17.539	--	Pass
11	2462	17.529	--	Pass

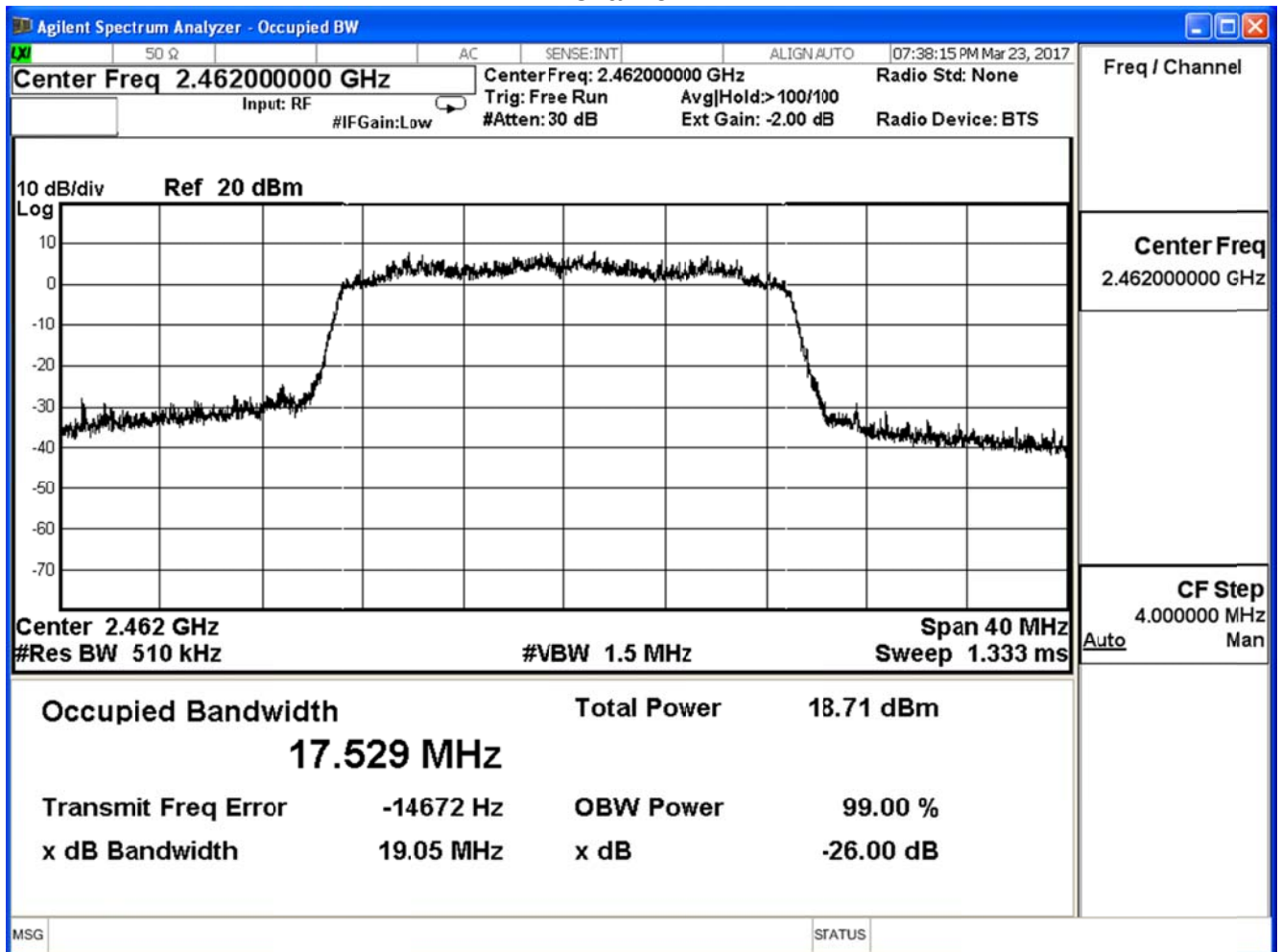
Channel 1



Channel 6



Channel 11

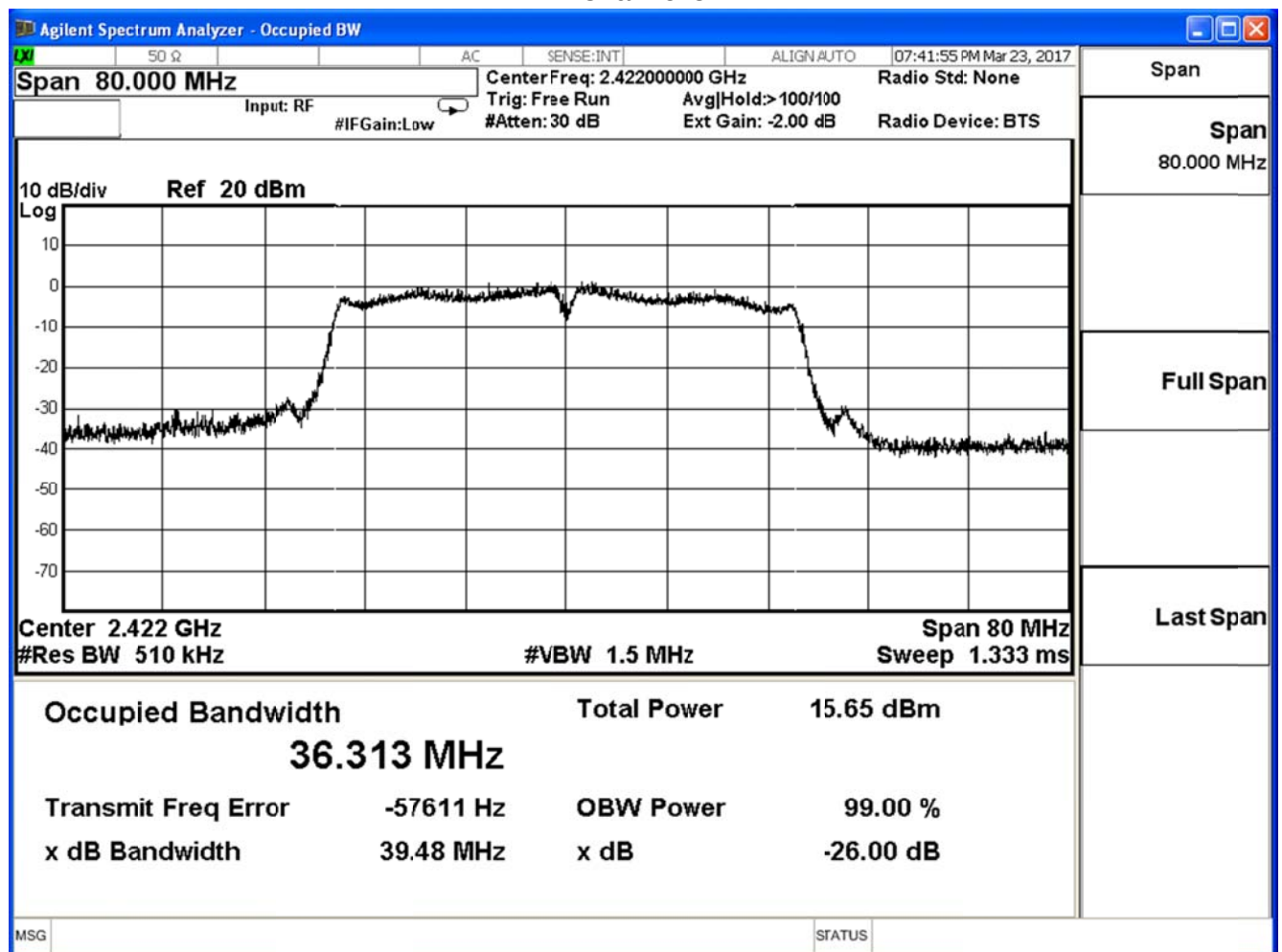


Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

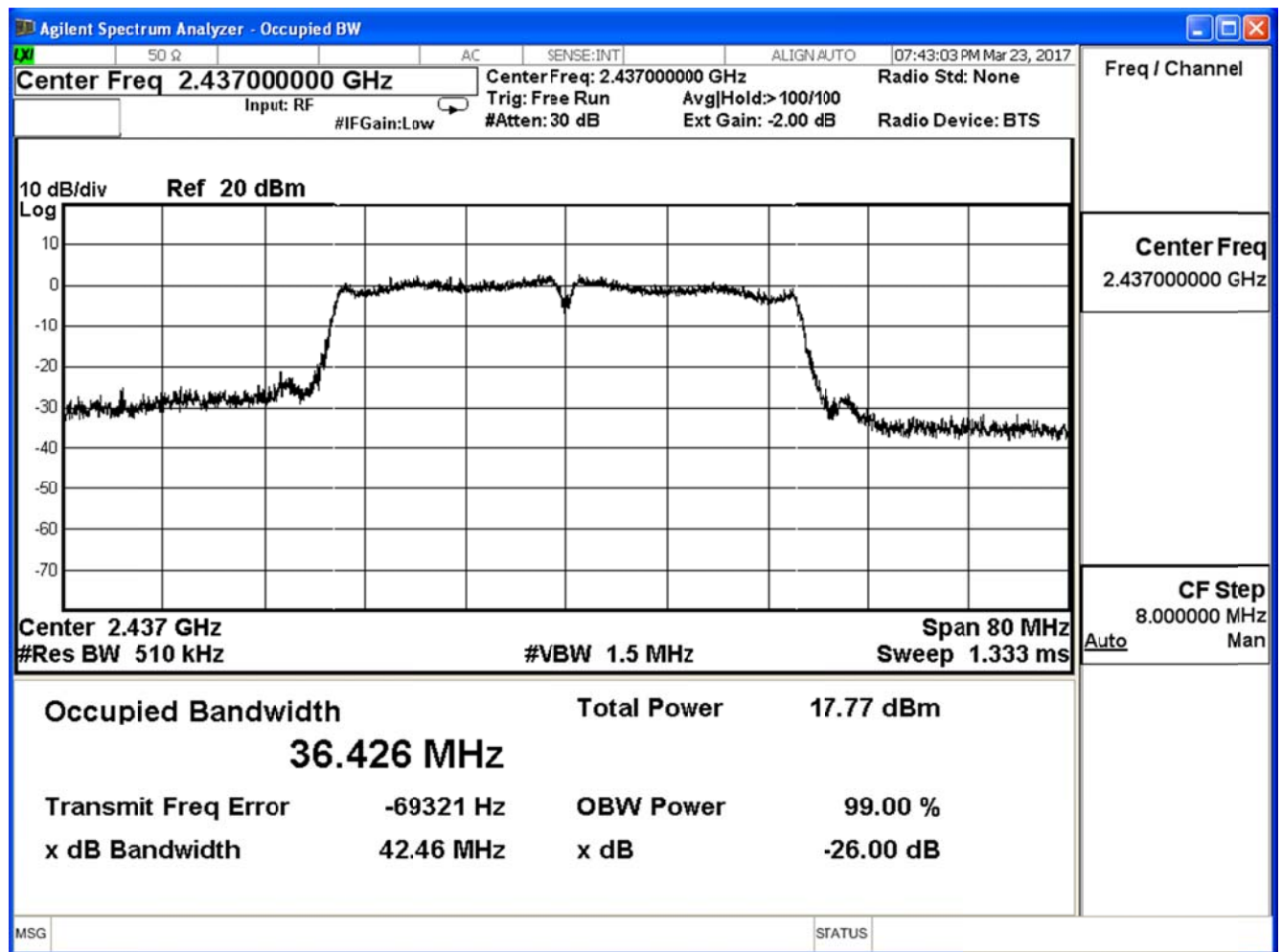
IEEE802.11n 40MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.313	--	Pass
6	2437	36.426	--	Pass
9	2452	36.511	--	Pass

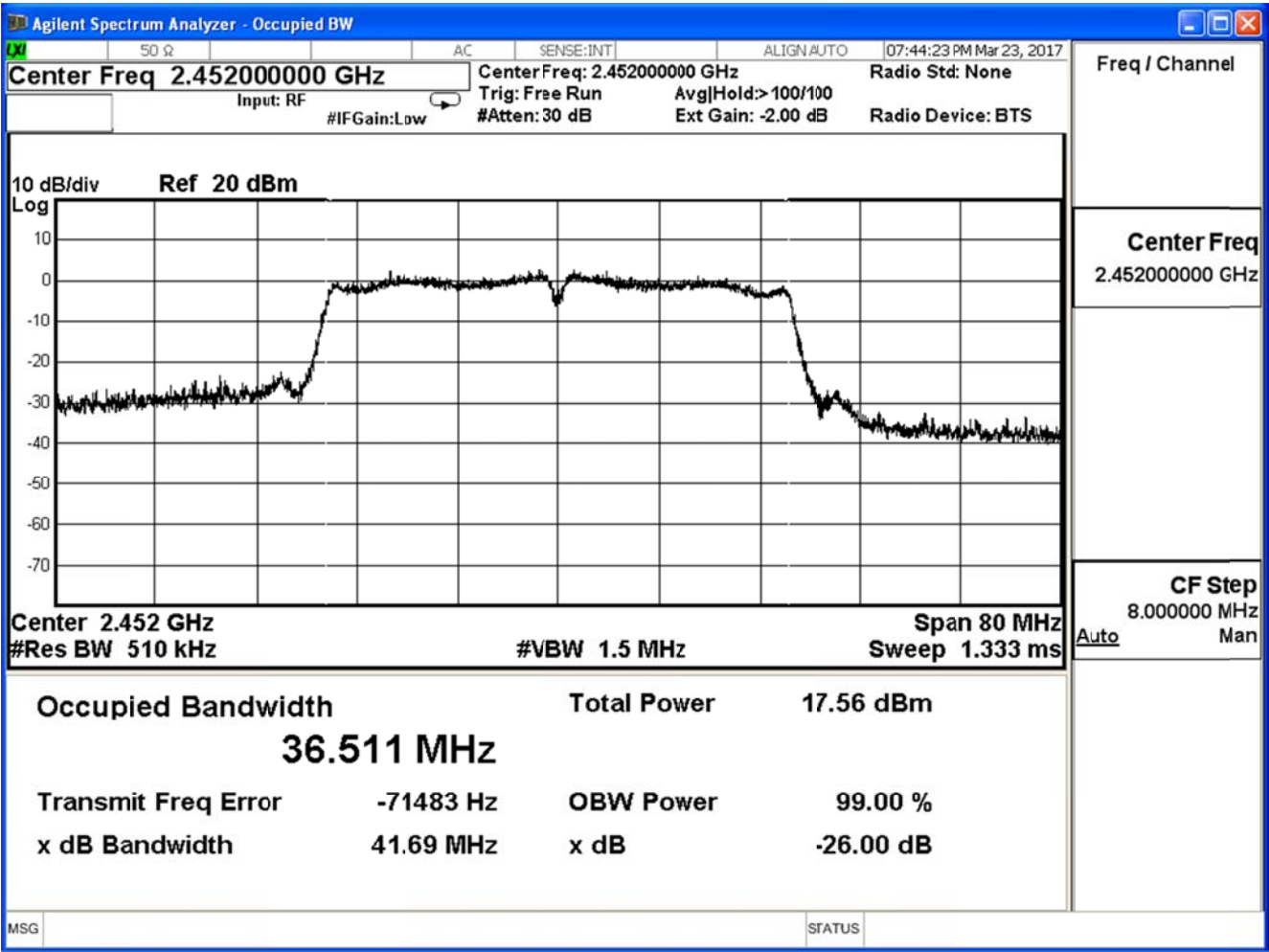
Channel 3



Channel 6



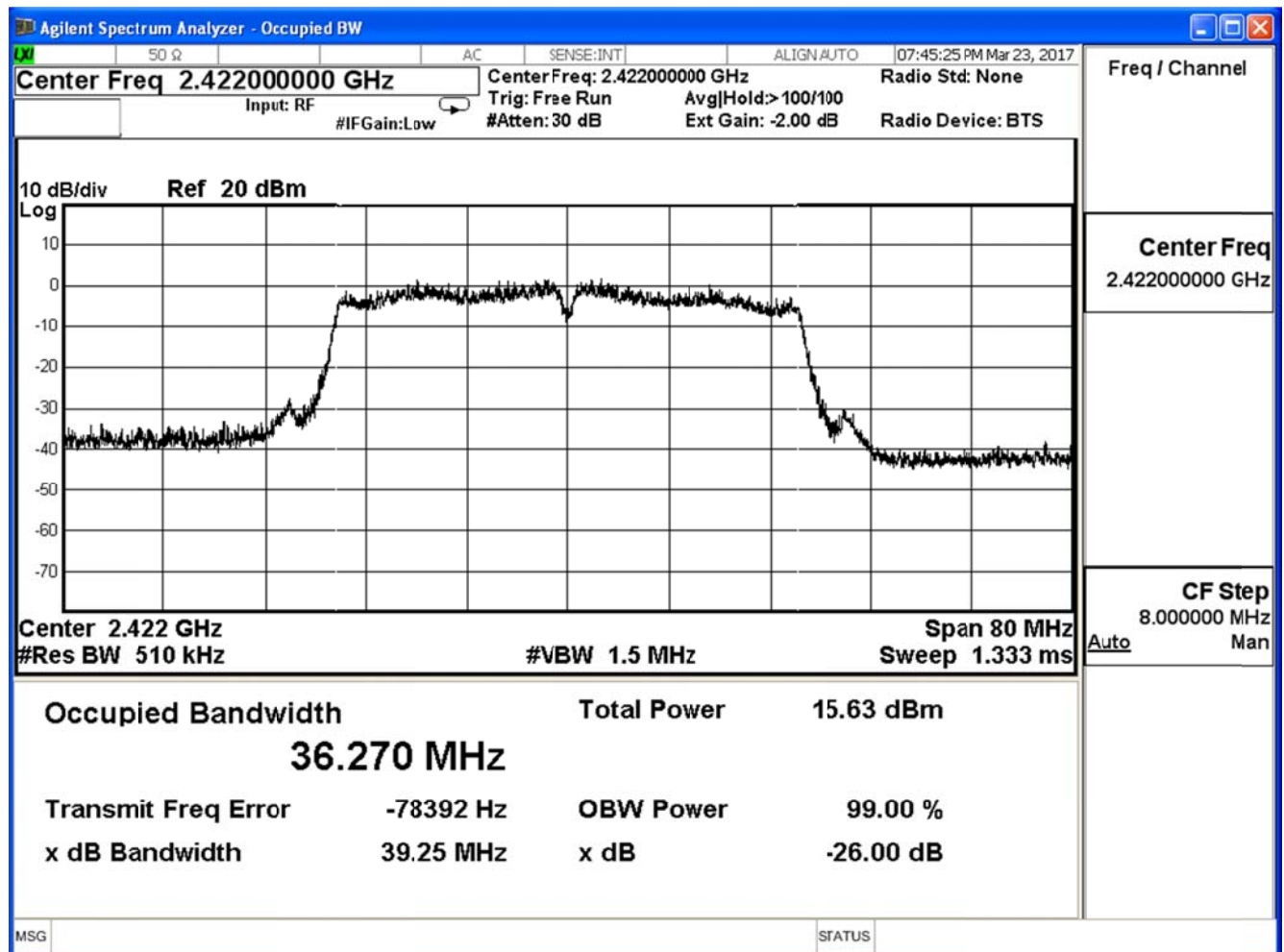
Channel 9



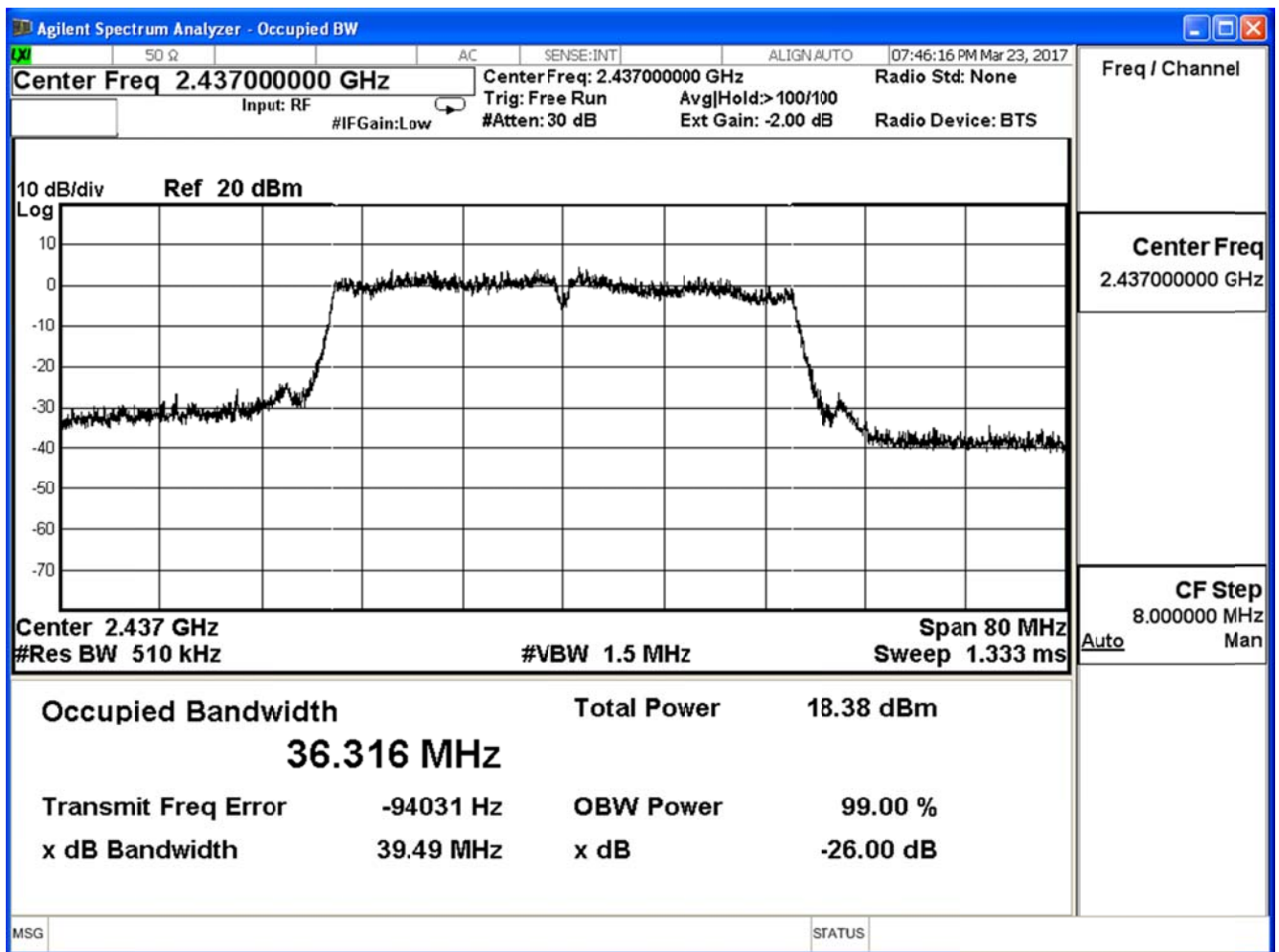
Product	UHD751-P		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE802.11n 40MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
3	2422	36.270	--	Pass
6	2437	36.316	--	Pass
9	2452	36.396	--	Pass

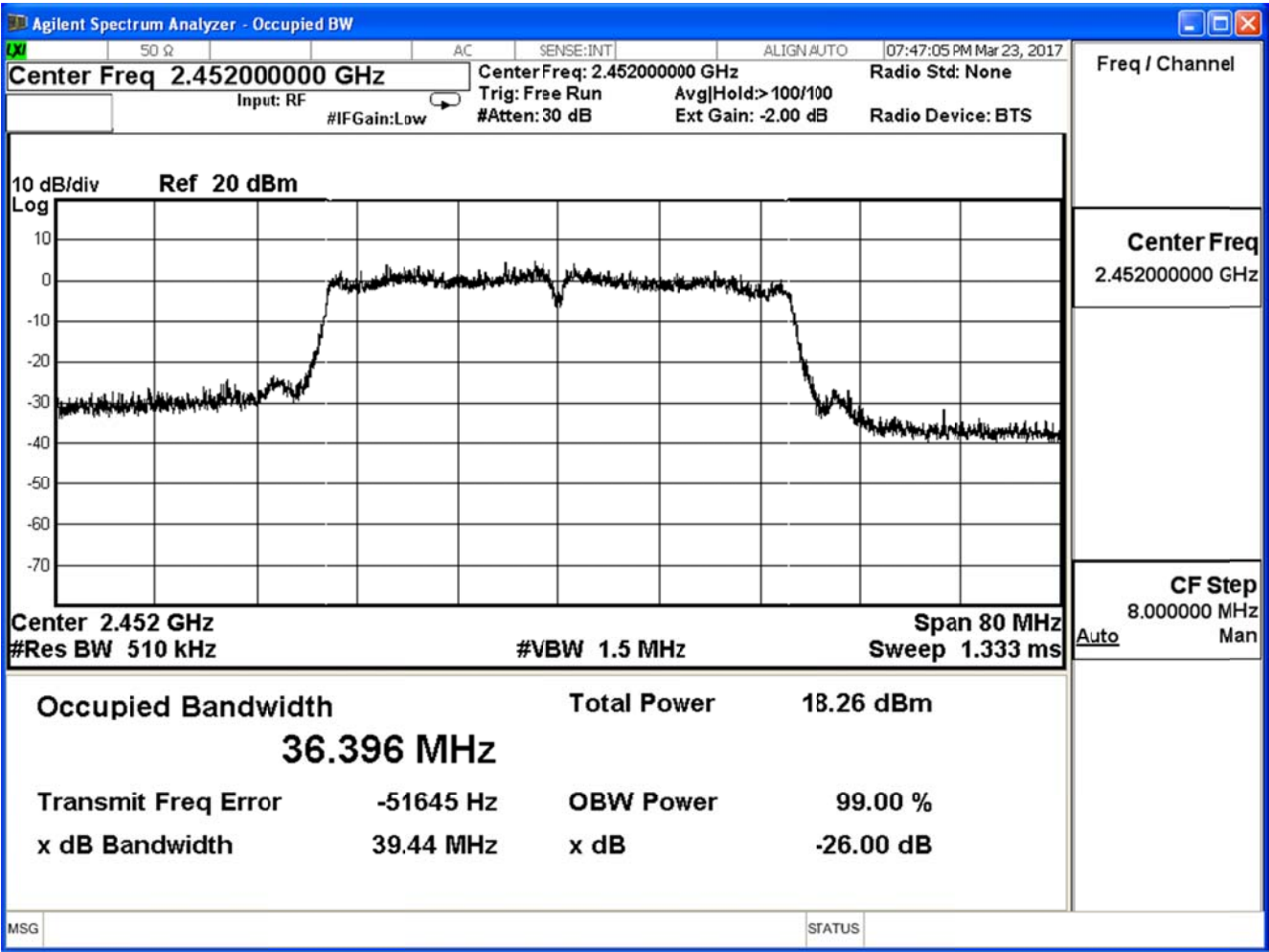
Channel 3



Channel 6



Channel 9



9. Power Density

9.1. Test Equipment

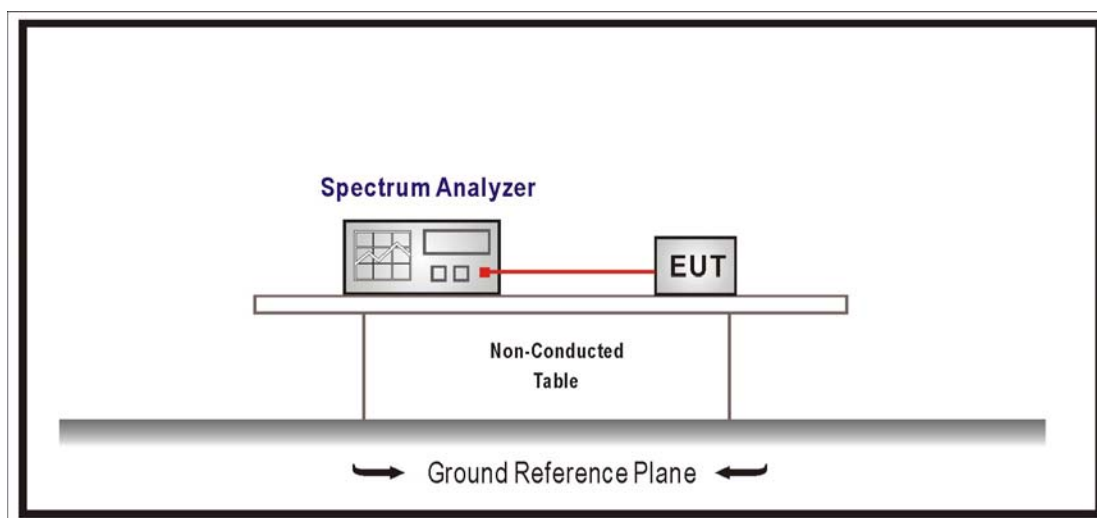
The following test equipment is used during the test:

Power Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipments that need to calibrate are with calibration period of 1 year.

9.2. Test Setup



9.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

9.4. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure section 10.2 of KDB558074 D01 V04 for compliance to FCC 47CFR 15.247 requirements. Set 3KHz $\leq$ RBW $\leq$ 100 kHz, Set VBW $\geq$ 3xRBW, Sweep time=Auto, Set Peak detector.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

9.6. Uncertainty

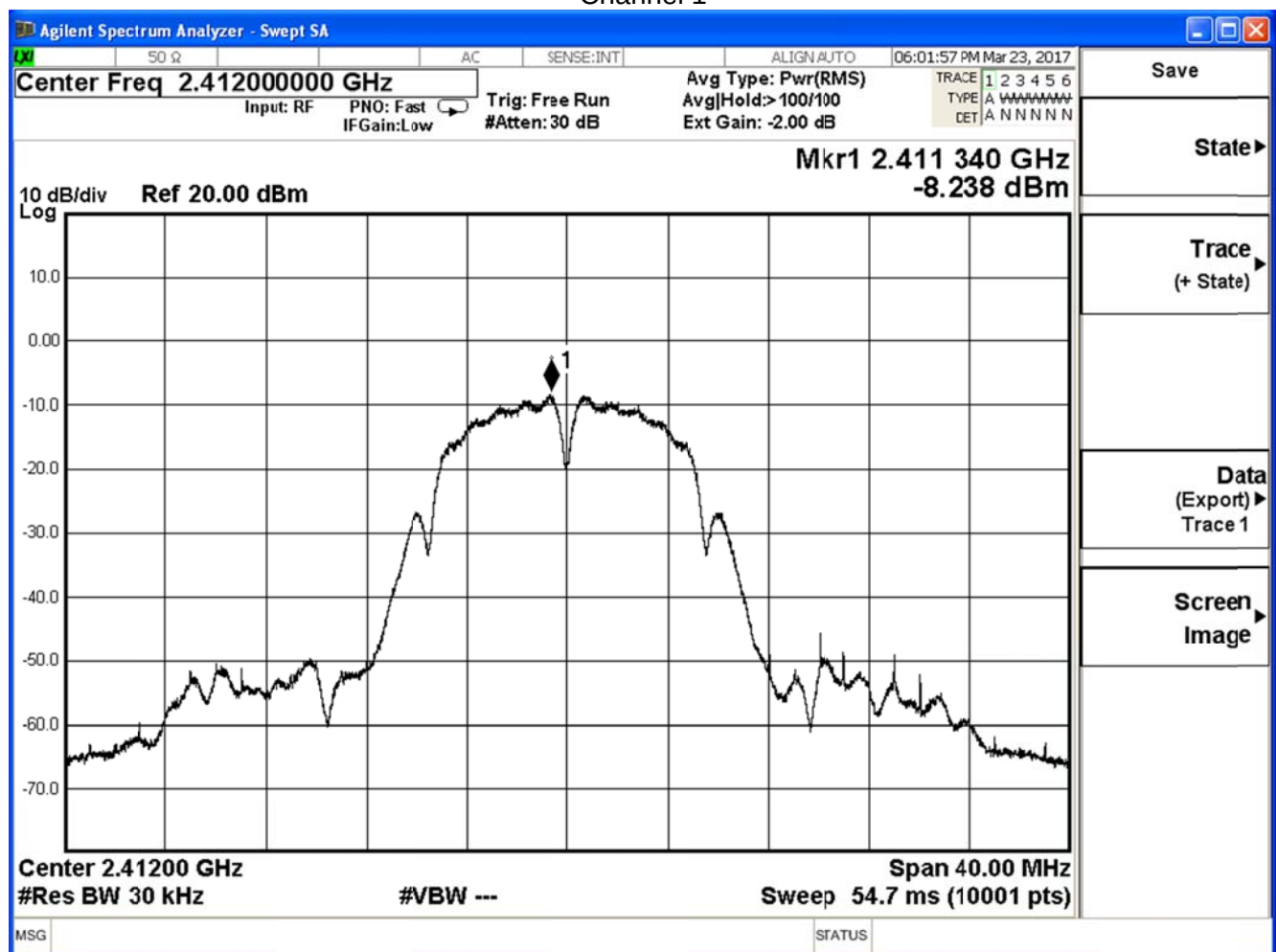
The measurement uncertainty is defined as ± 1.27 dB.

9.7. Test Result

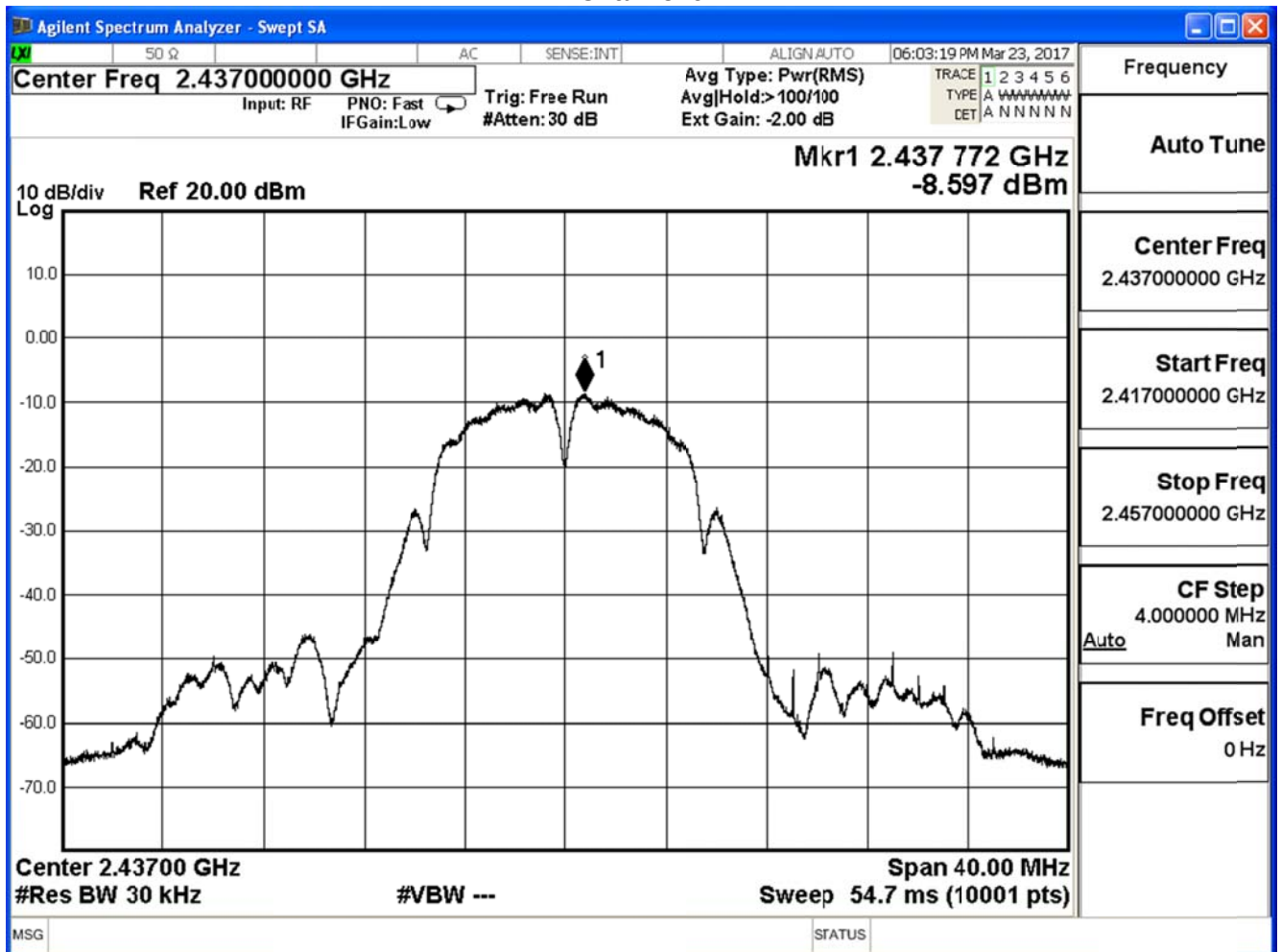
Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11b (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.238	≤ 8	Pass
6	2437	-8.597	≤ 8	Pass
11	2462	-8.665	≤ 8	Pass

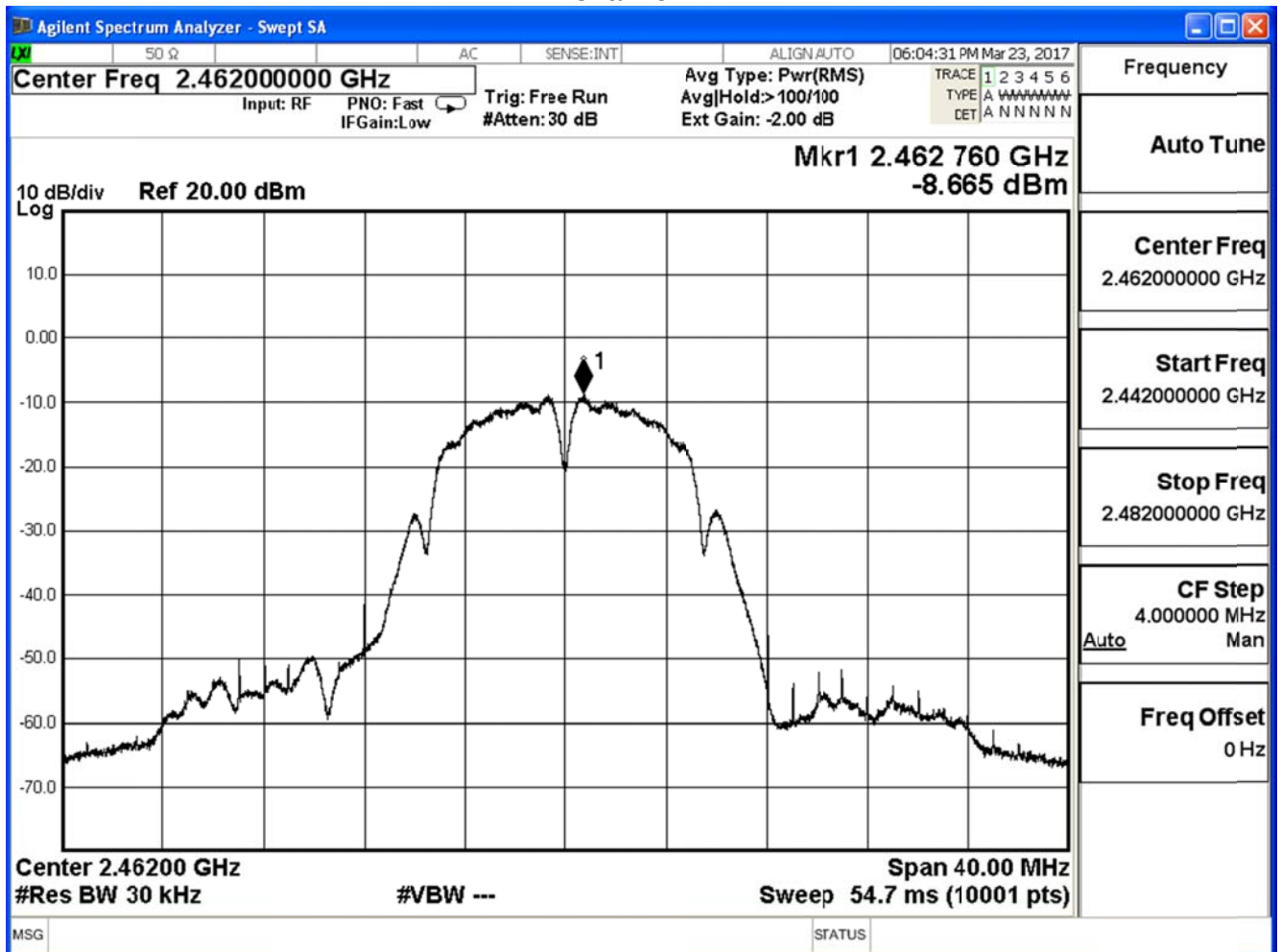
Channel 1



Channel 6



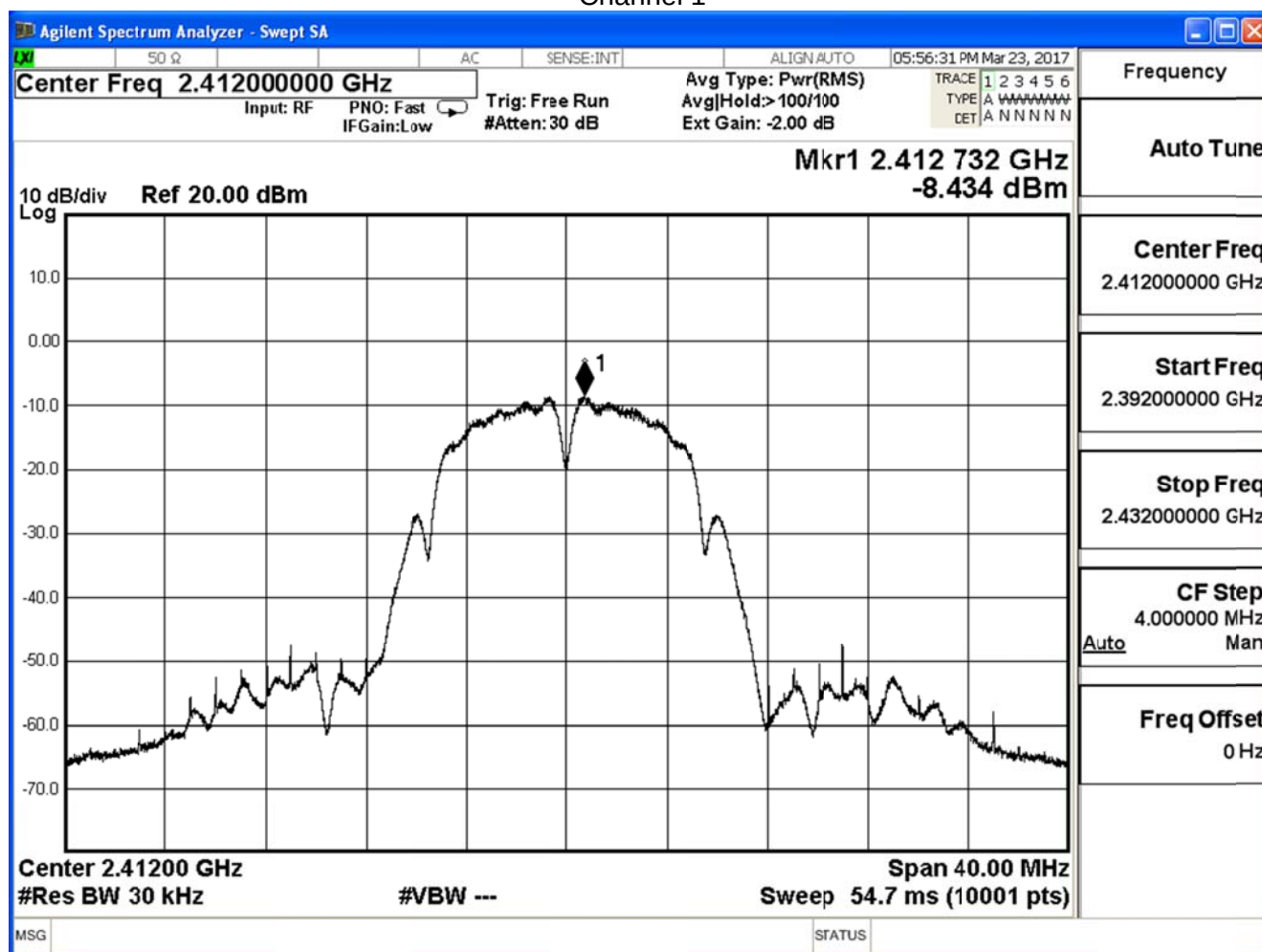
Channel 11



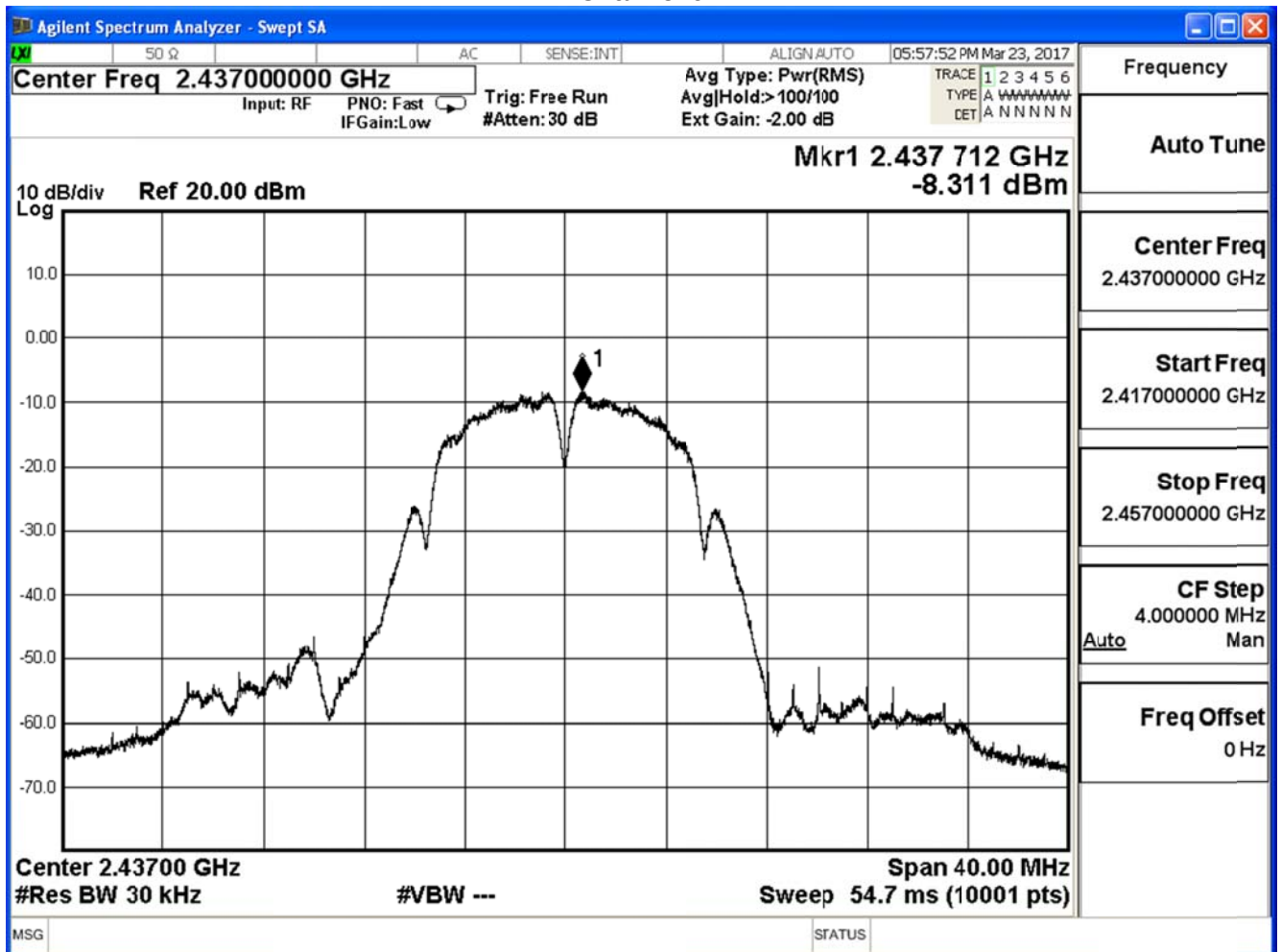
Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11b (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-8.434	≤ 8	Pass
6	2437	-8.311	≤ 8	Pass
11	2462	-8.549	≤ 8	Pass

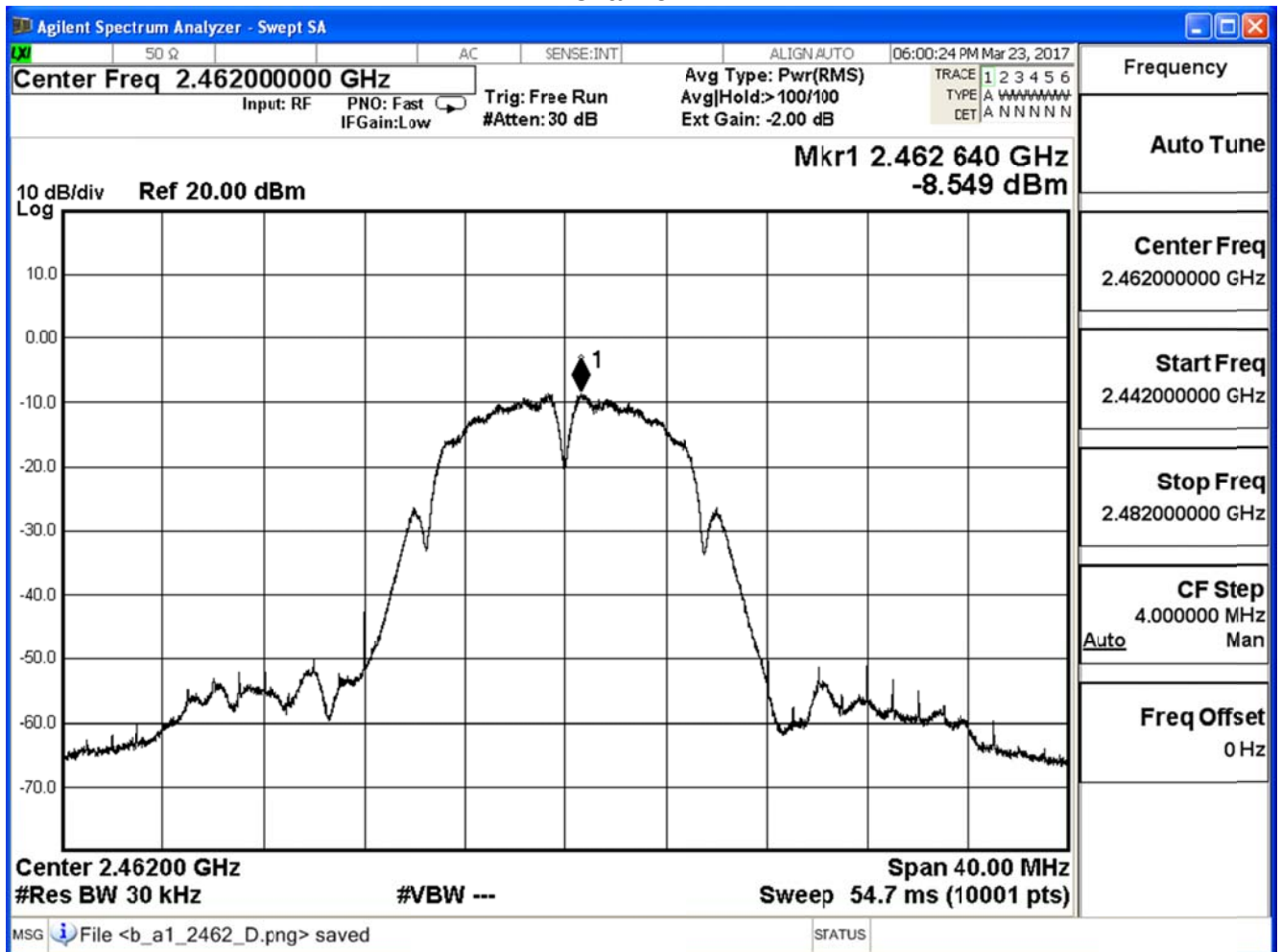
Channel 1



Channel 6



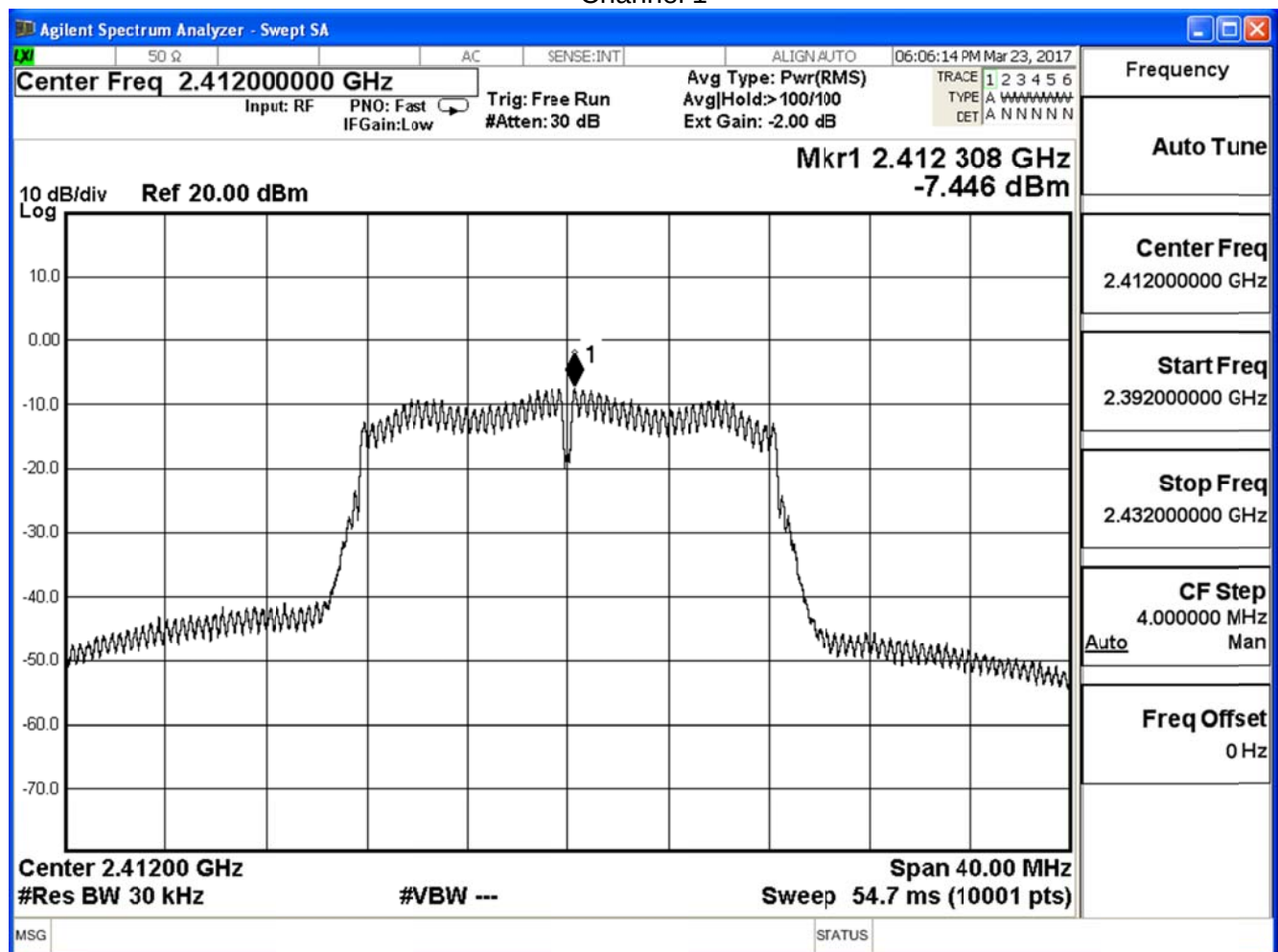
Channel 11



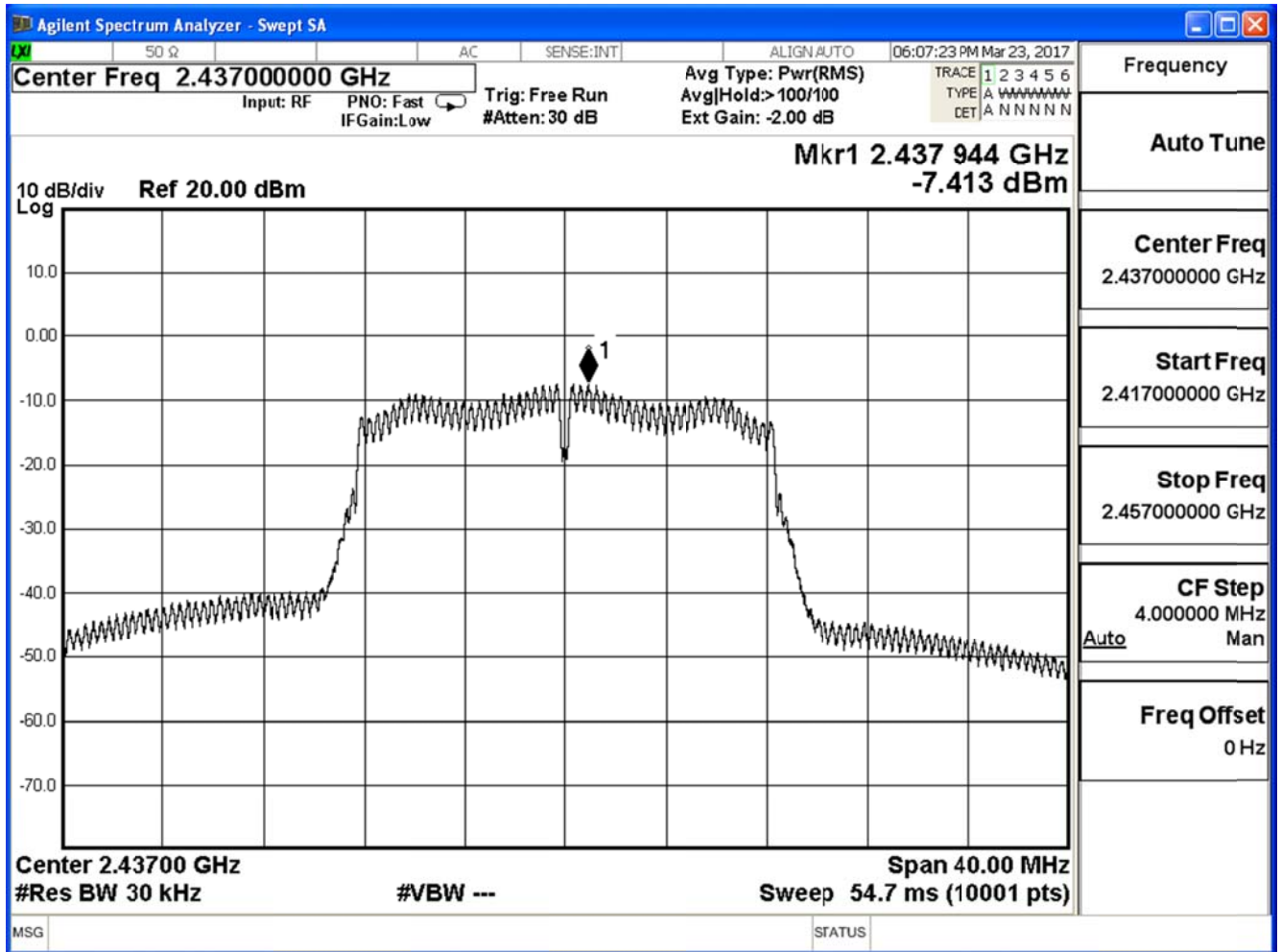
Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11g (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-7.446	≤ 8	Pass
6	2437	-7.413	≤ 8	Pass
11	2462	-7.813	≤ 8	Pass

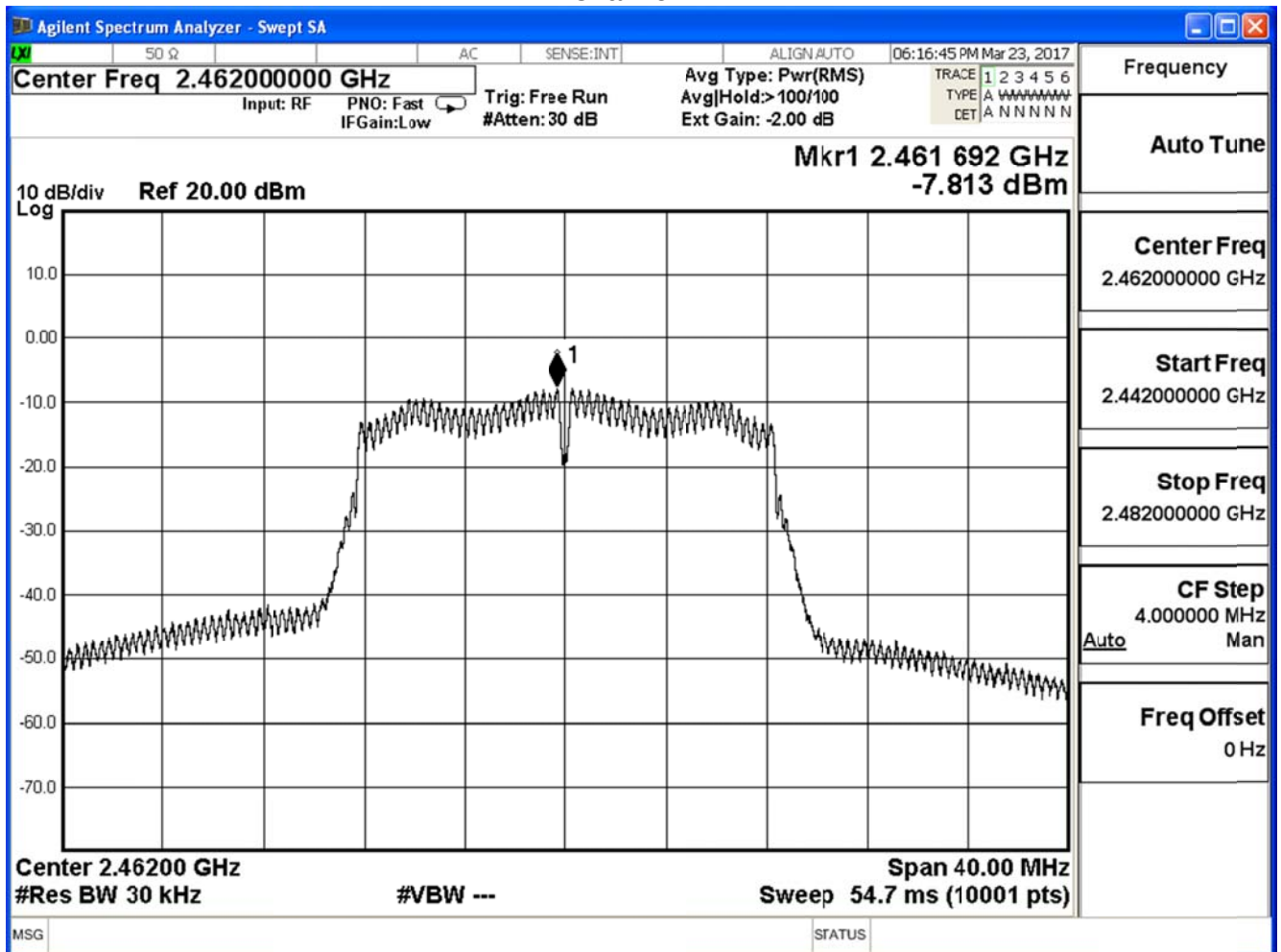
Channel 1



Channel 6



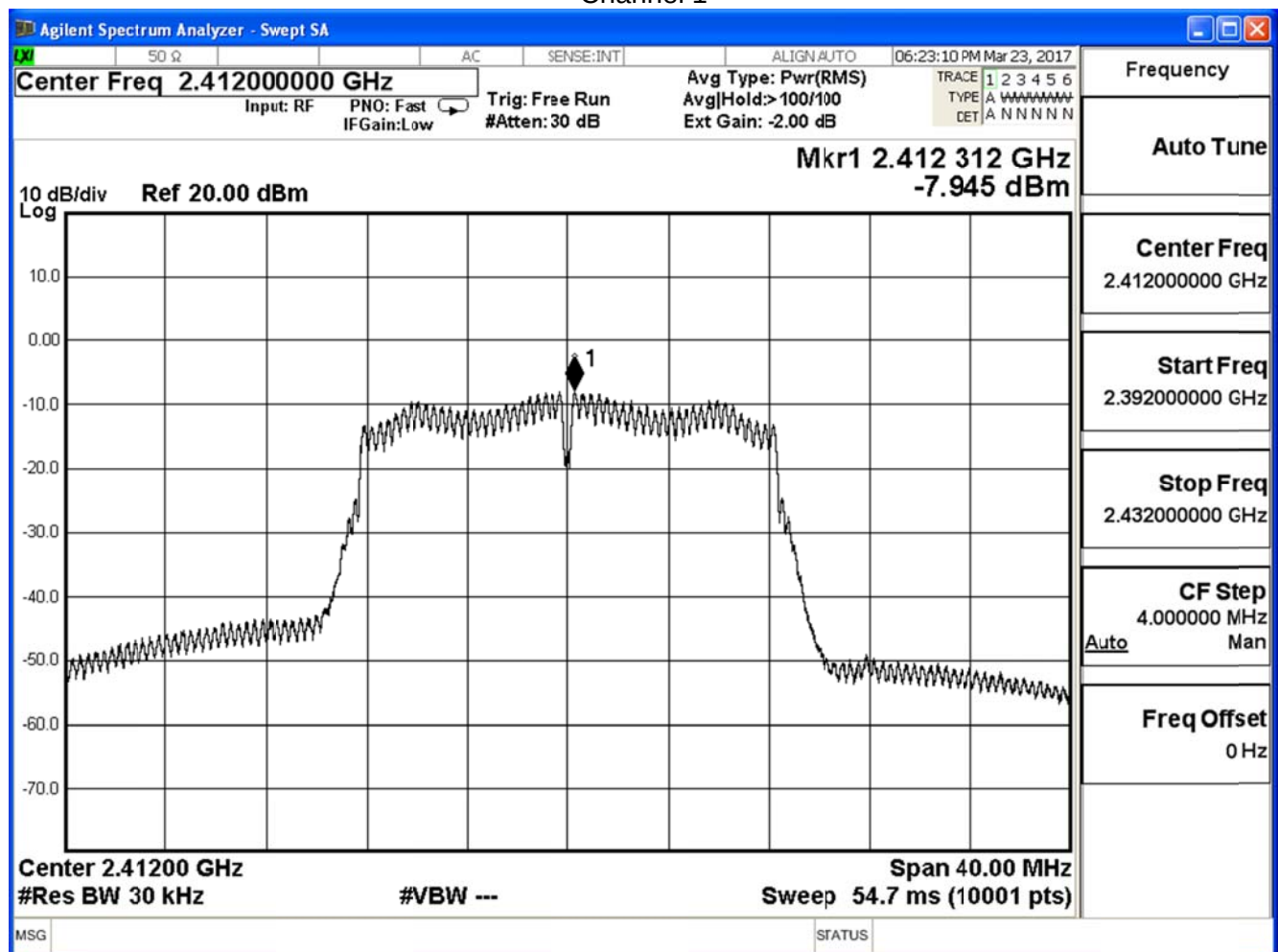
Channel 11



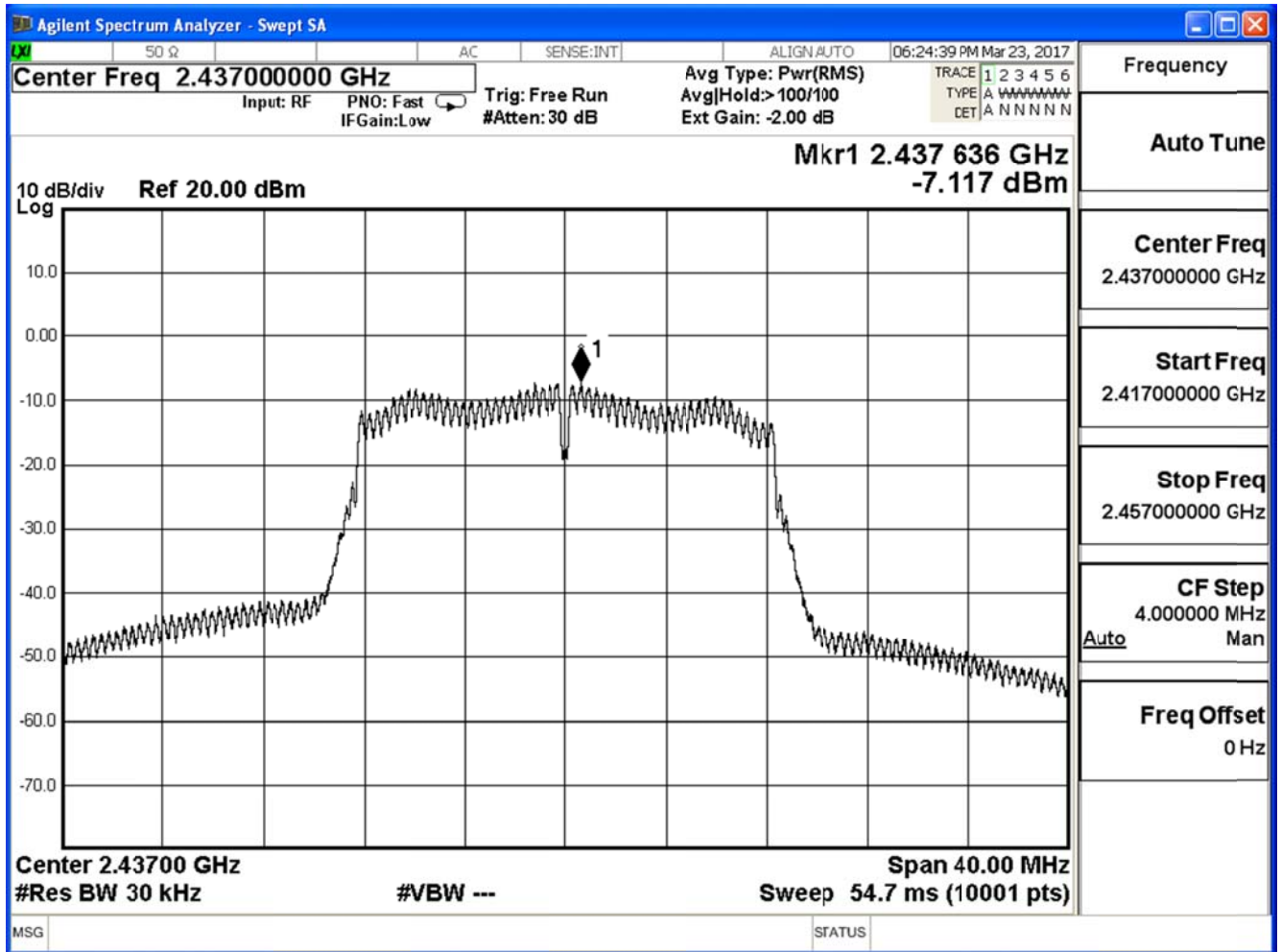
Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 1: Tx_SISO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE 802.11g (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-7.945	≤ 8	Pass
6	2437	-7.117	≤ 8	Pass
11	2462	-7.859	≤ 8	Pass

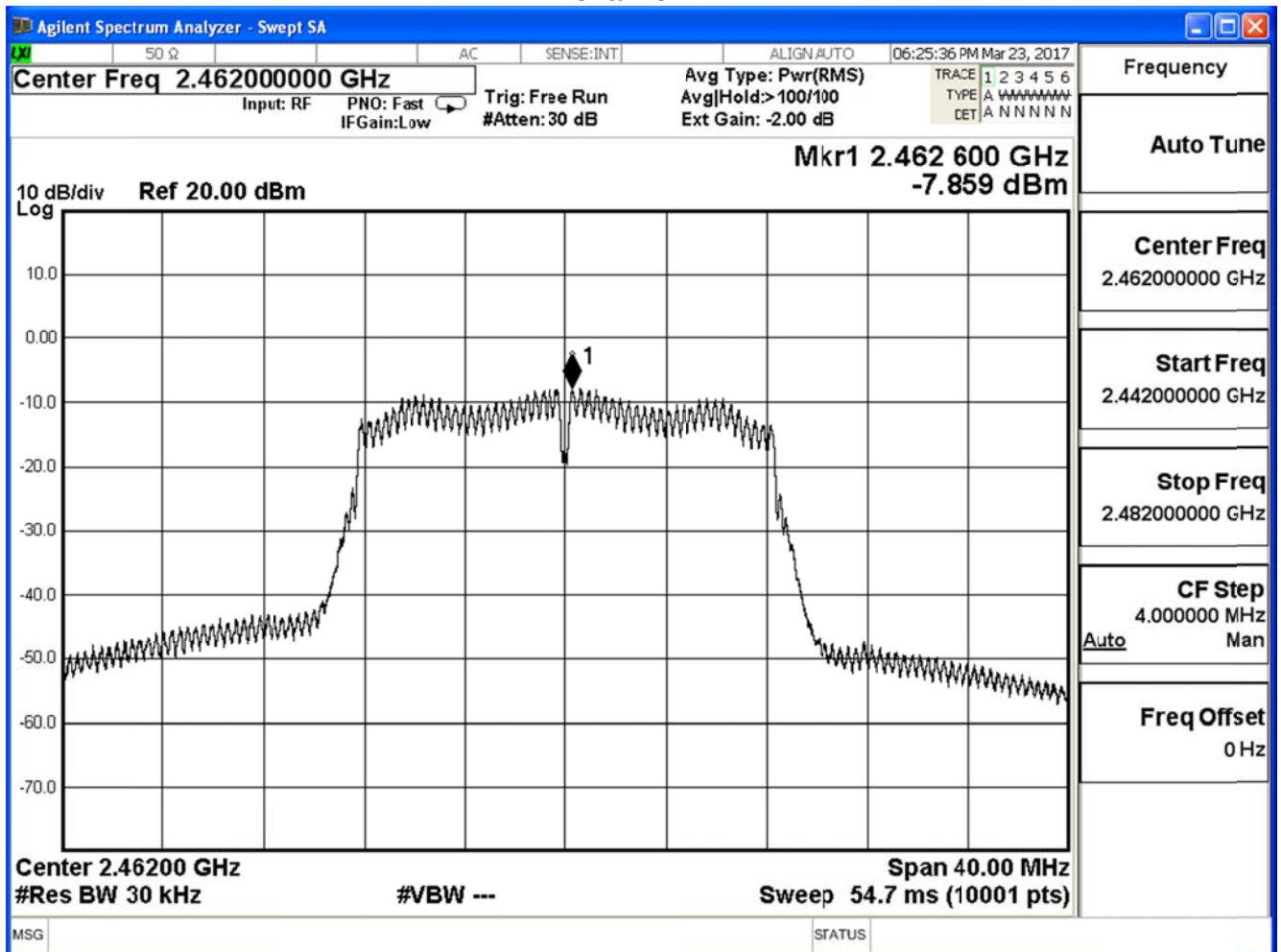
Channel 1



Channel 6



Channel 11



Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

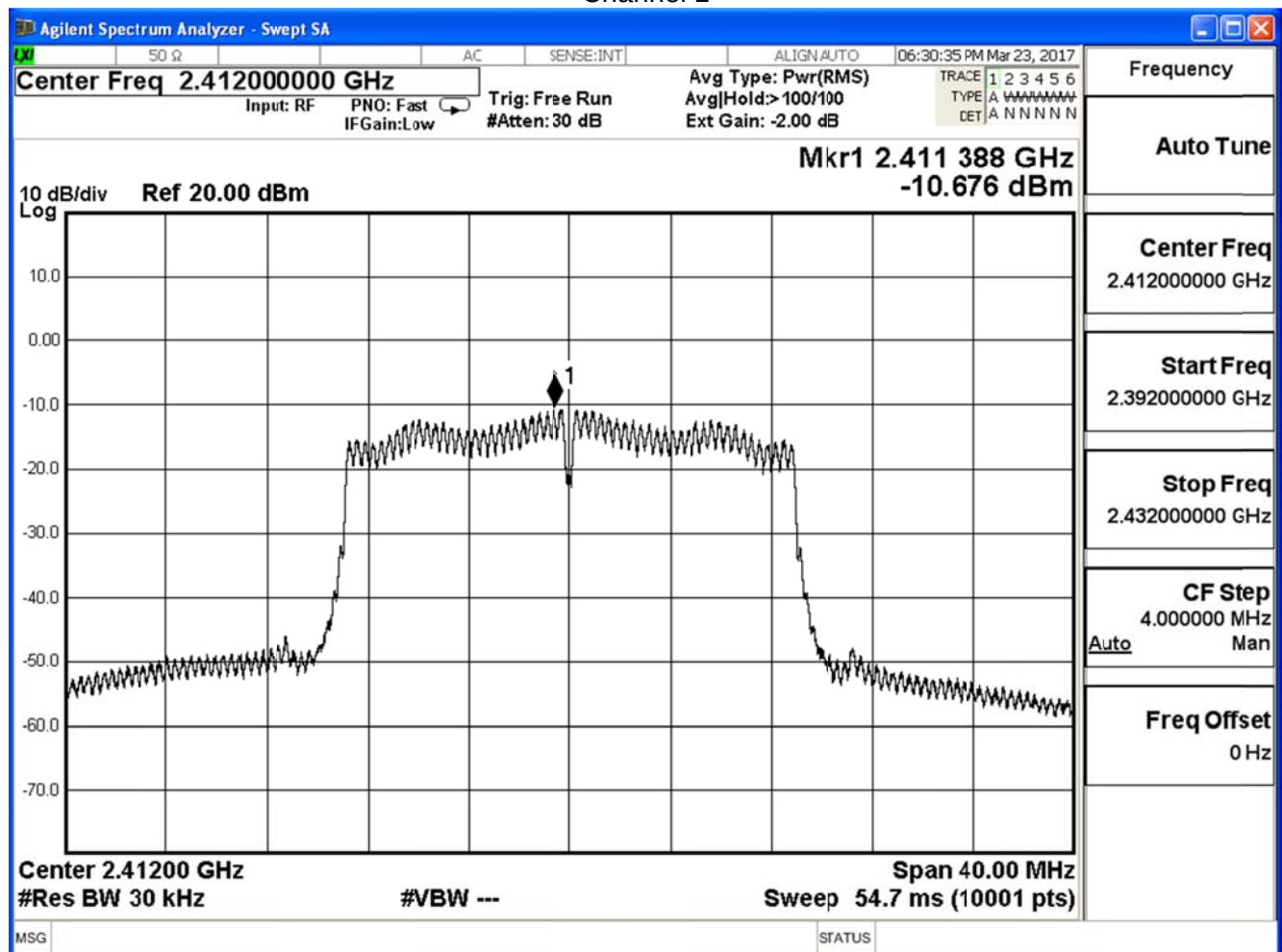
IEEE802.11n 20MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-10.676	≤ 6.49	Pass
6	2437	-10.557	≤ 6.49	Pass
11	2462	-10.771	≤ 6.49	Pass

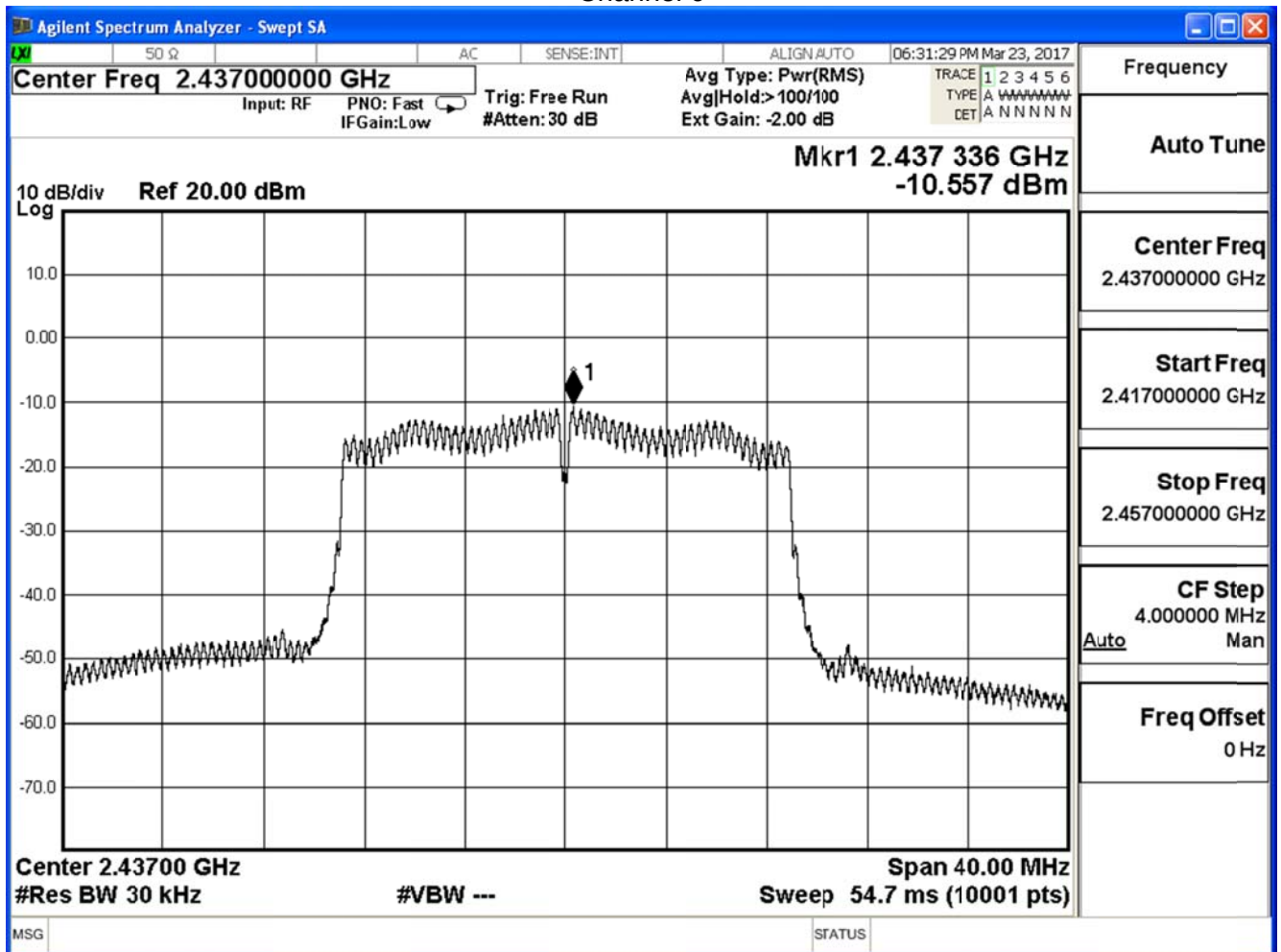
Direction antenna = $4.5 + 10\log(2) = 4.5 + 3.01 = 7.51$ dBi

Limit = $8 \text{ dBm} - (7.51 - 6) = 6.49 \text{ dBm}$

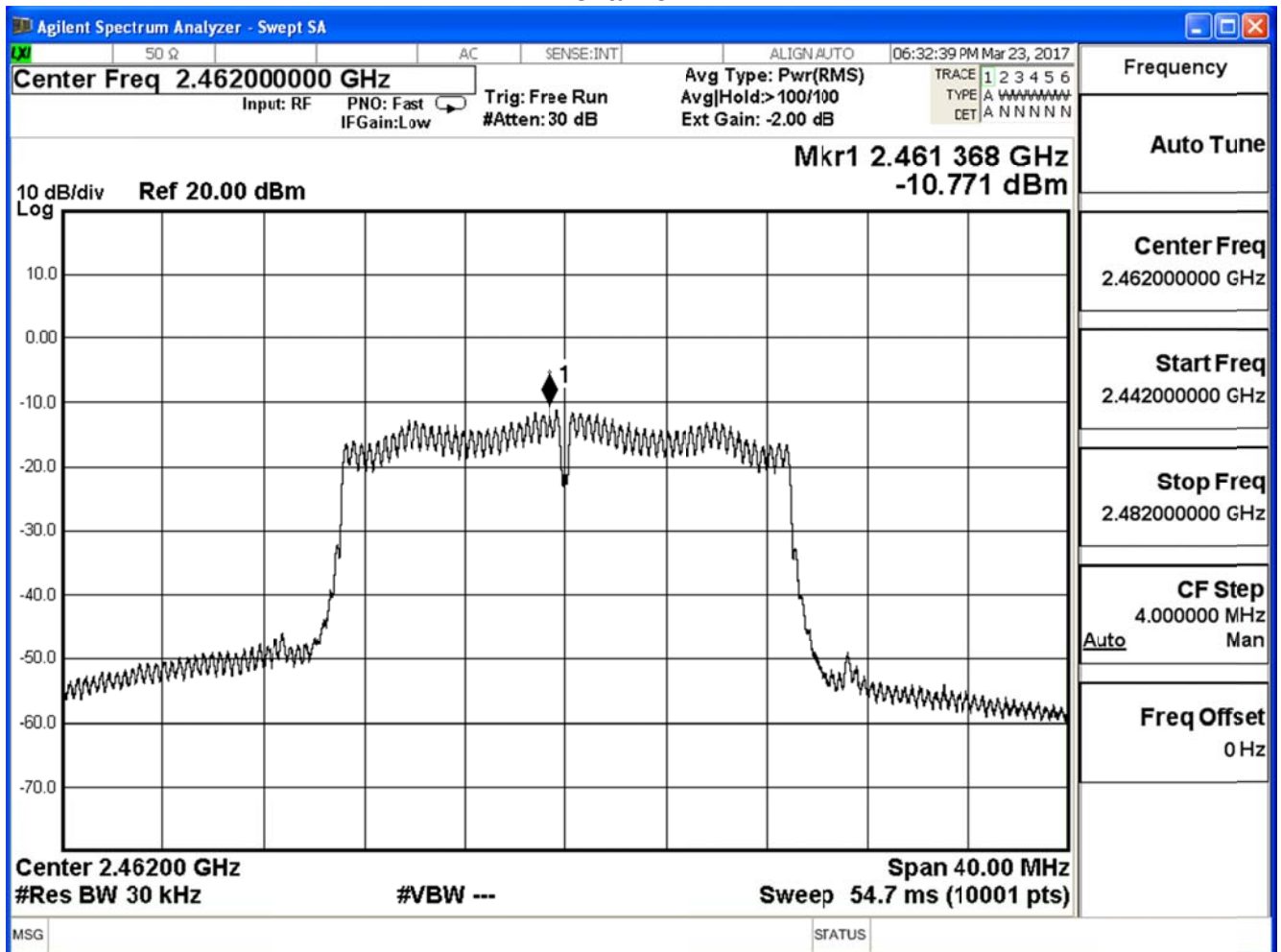
Channel 1



Channel 6



Channel 11

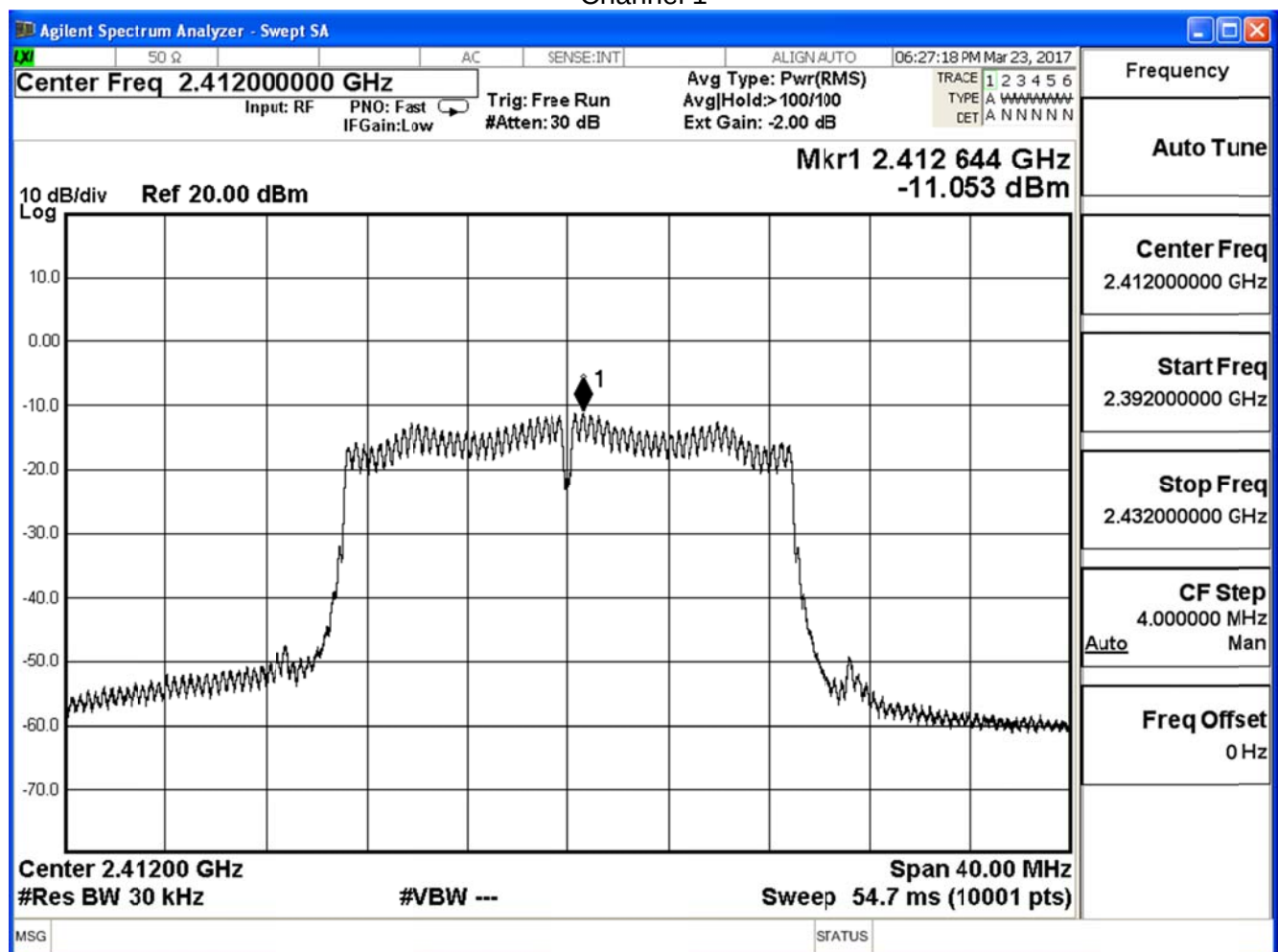


Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 2: Tx_MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

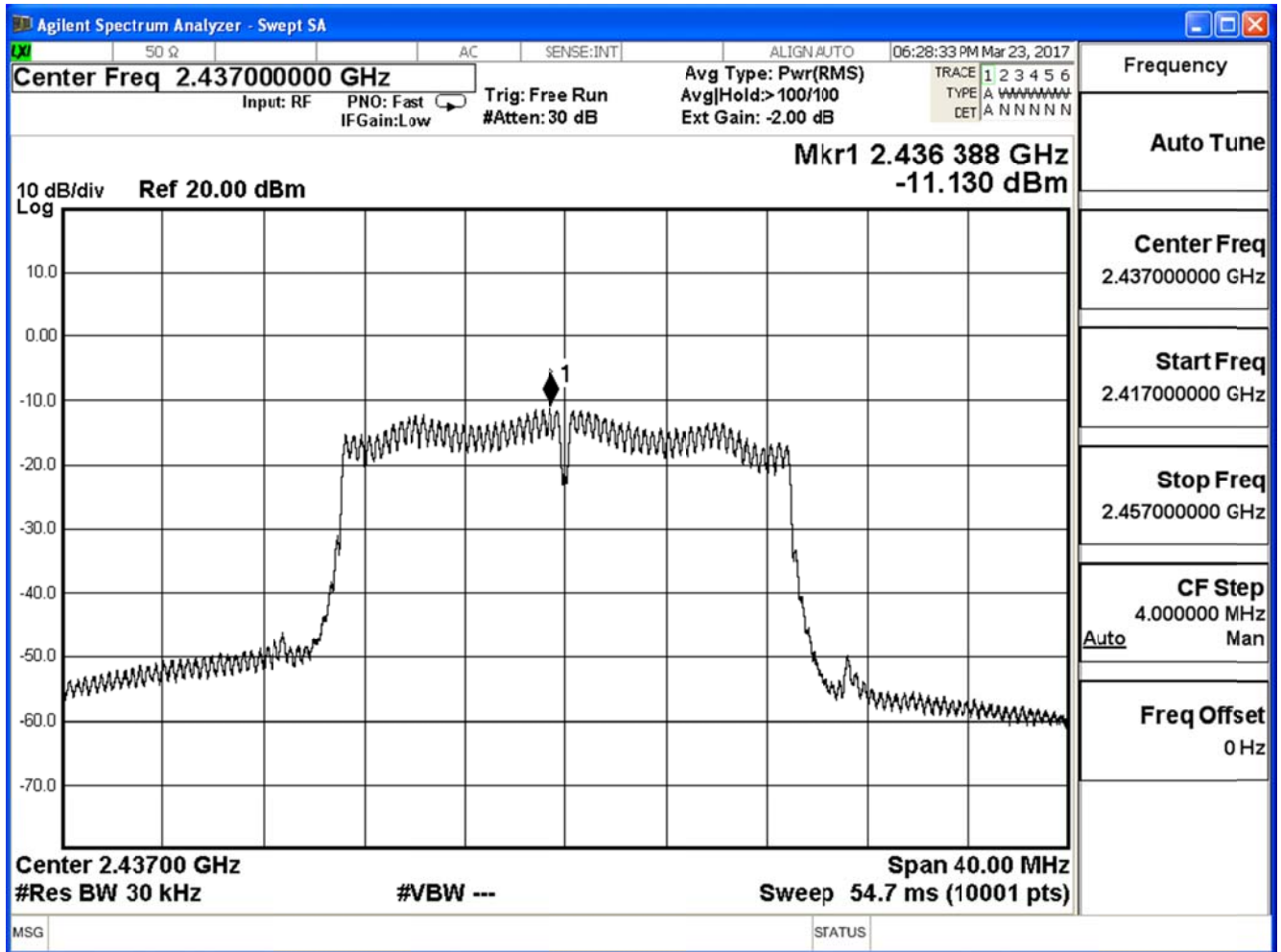
IEEE802.11n 20MHz (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-11.053	≤ 6.49	Pass
6	2437	-11.130	≤ 6.49	Pass
11	2462	-11.286	≤ 6.49	Pass

$$\text{Direction antenna} = 4.5 + 10\log(2) = 4.5 + 3.01 = 7.51 \text{ dBi}$$
$$\text{Limit} = 8 \text{ dBm} - (7.51 - 6) = 6.49 \text{ dBm}$$

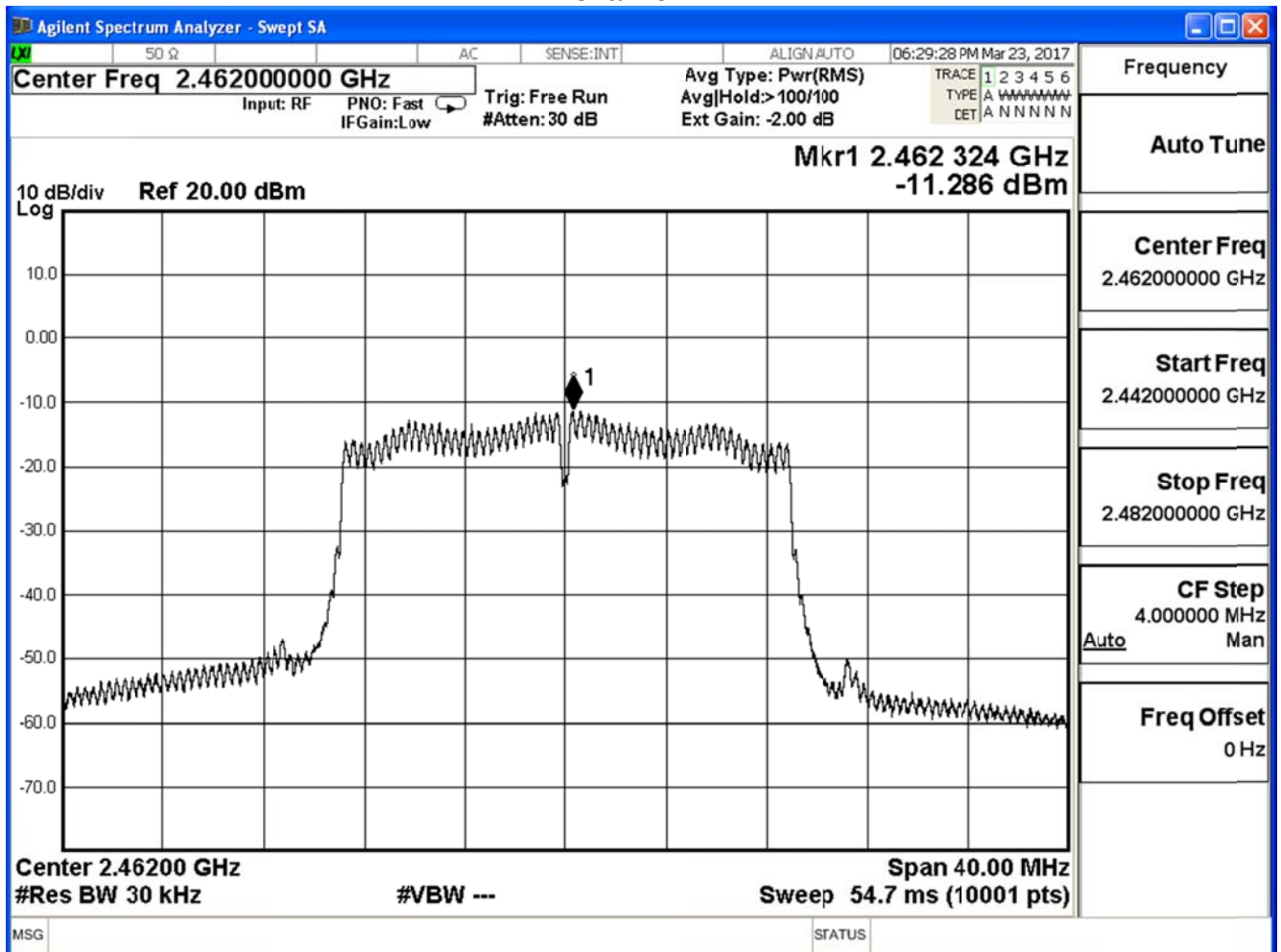
Channel 1



Channel 6



Channel 11



Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE802.11n 20MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-7.850	≤ 6.49	Pass
6	2437	-7.824	≤ 6.49	Pass
11	2462	-8.011	≤ 6.49	Pass

Direction antenna = $4.5 + 10\log(2) = 4.5 + 3.01 = 7.51$ dBi

Limit = $8 \text{ dBm} - (7.51 - 6) = 6.49 \text{ dBm}$

Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

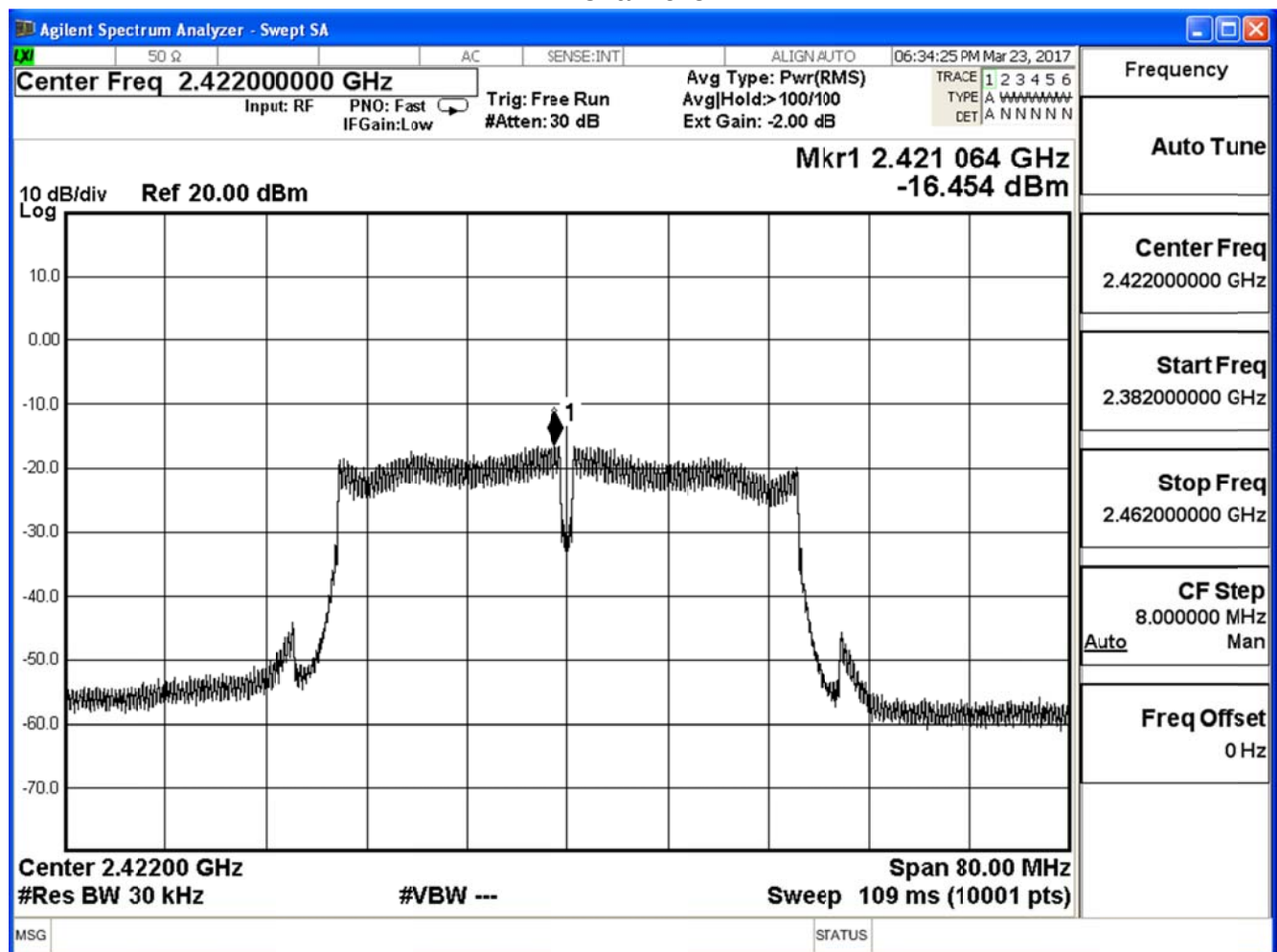
IEEE802.11n 40MHz (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-16.454	≤ 6.49	Pass
6	2437	-14.711	≤ 6.49	Pass
9	2452	-15.156	≤ 6.49	Pass

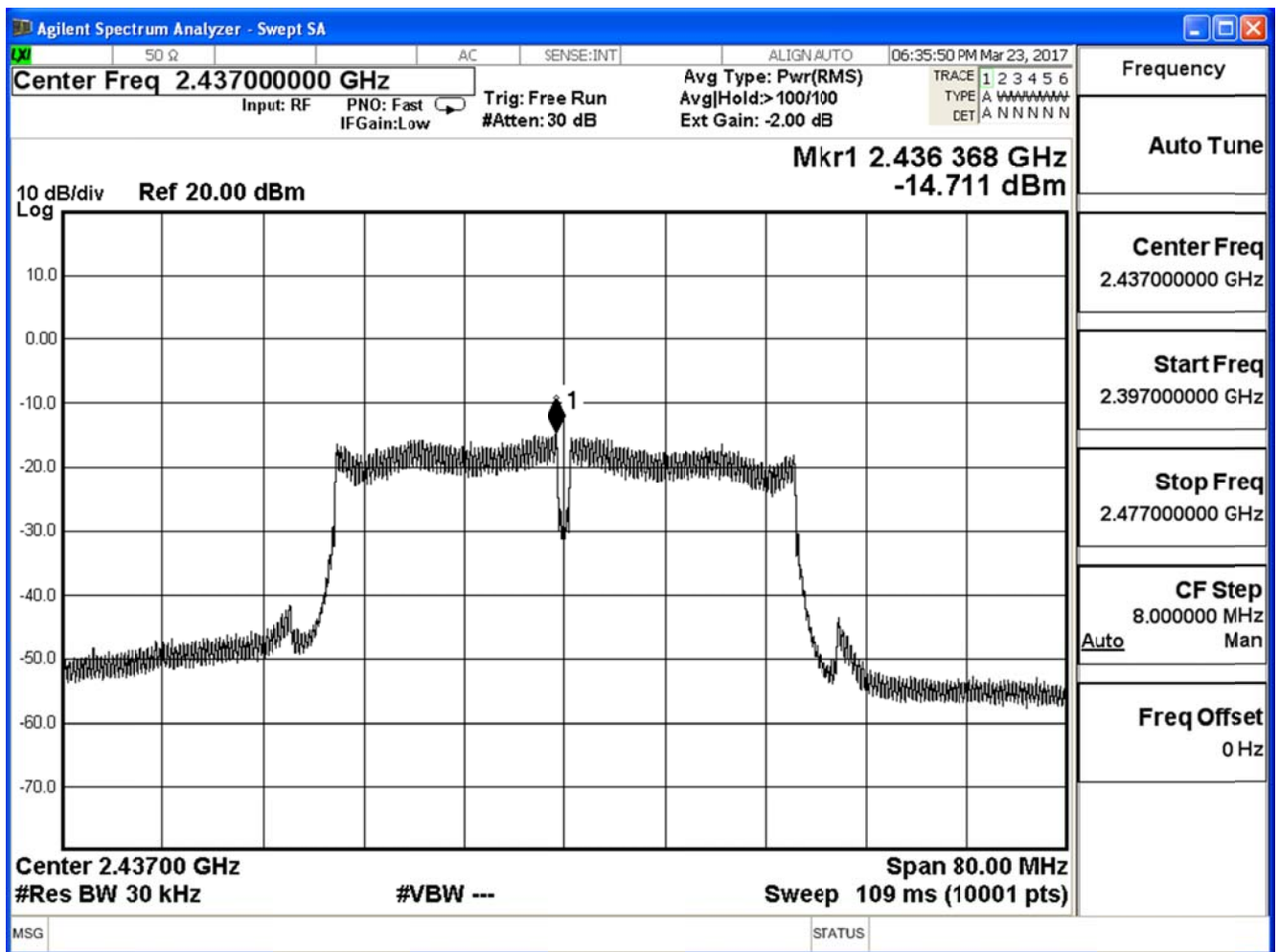
Direction antenna = $4.5 + 10\log(2) = 4.5 + 3.01 = 7.51$ dBi

Limit = $8 \text{ dBm} - (7.51 - 6) = 6.49 \text{ dBm}$

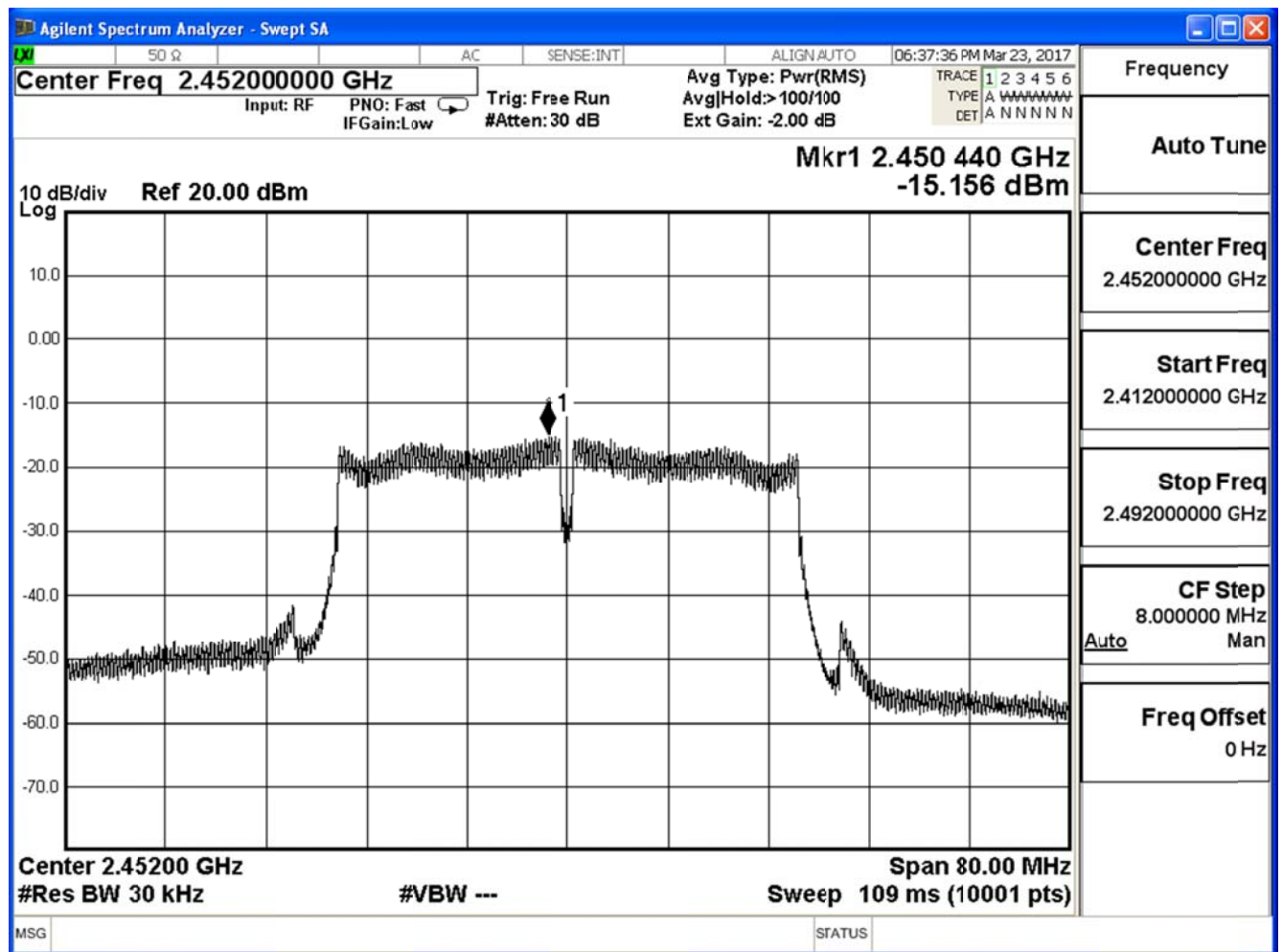
Channel 3



Channel 6



Channel 9



Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

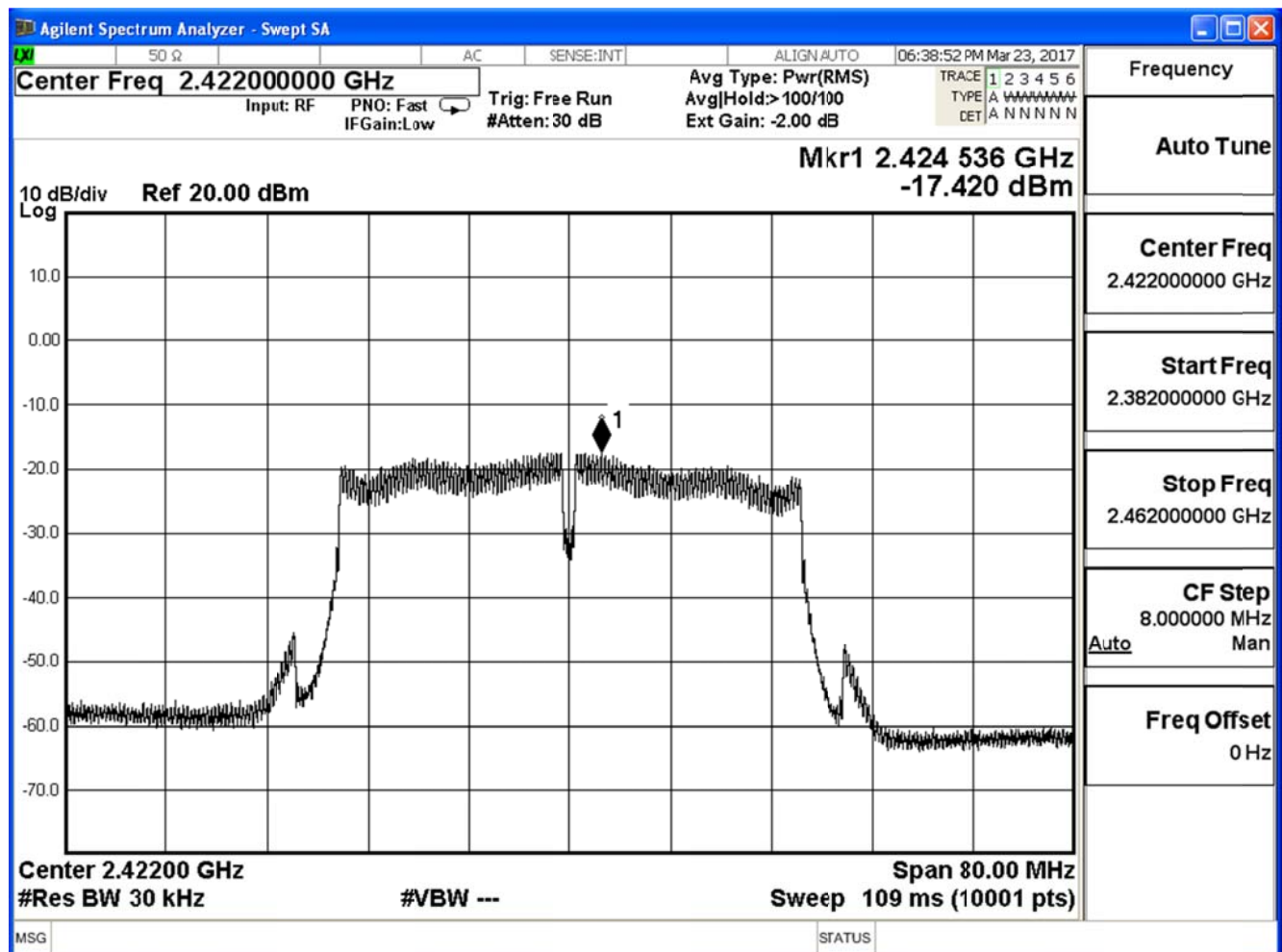
IEEE802.11n 40MHz (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-17.420	≤ 6.49	Pass
6	2437	-14.691	≤ 6.49	Pass
9	2452	-15.102	≤ 6.49	Pass

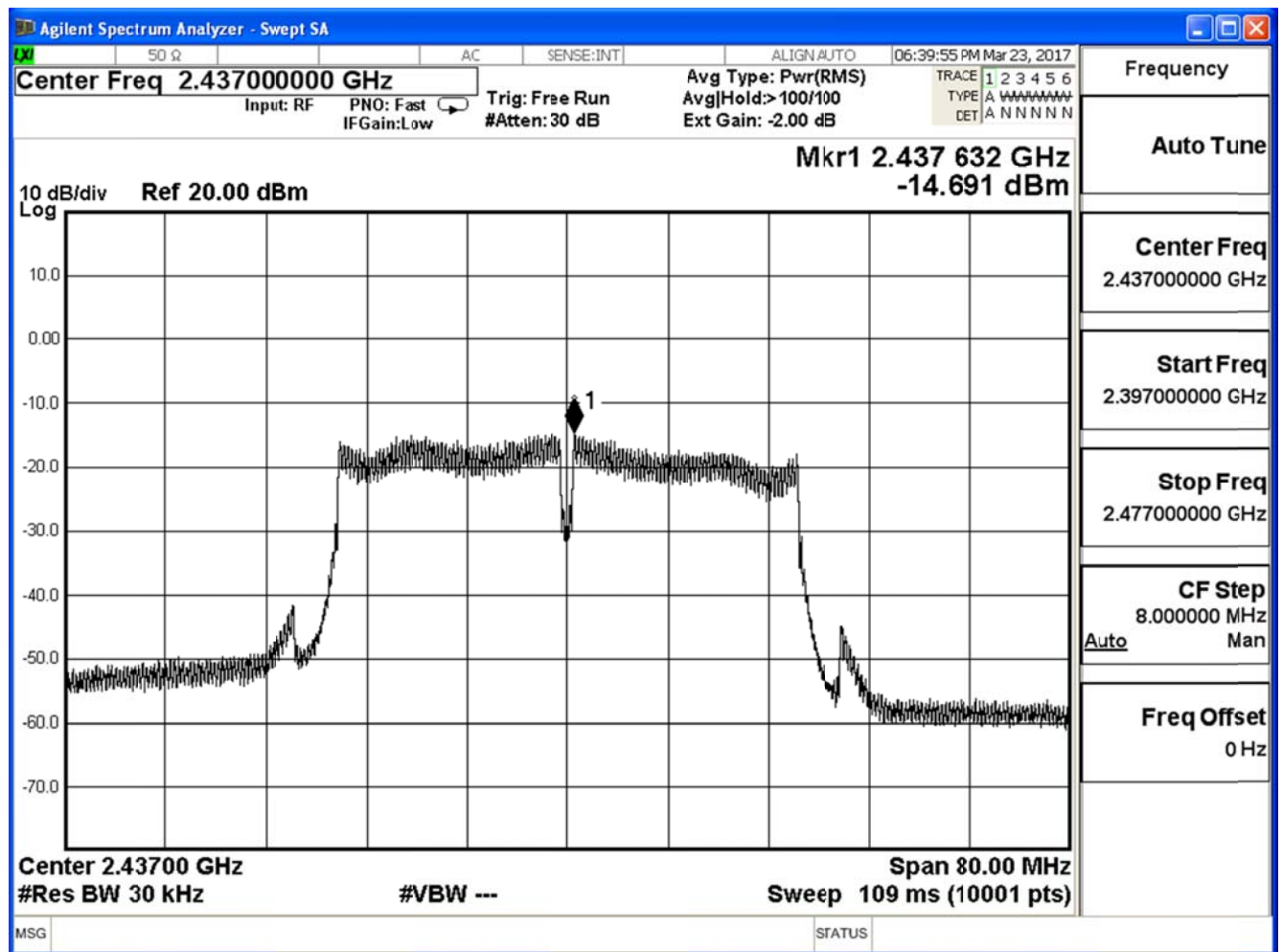
Direction antenna = $4.5 + 10 \log(2) = 4.5 + 3.01 = 7.51$ dBi

Limit = $8 \text{ dBm} - (7.51 - 6) = 6.49 \text{ dBm}$

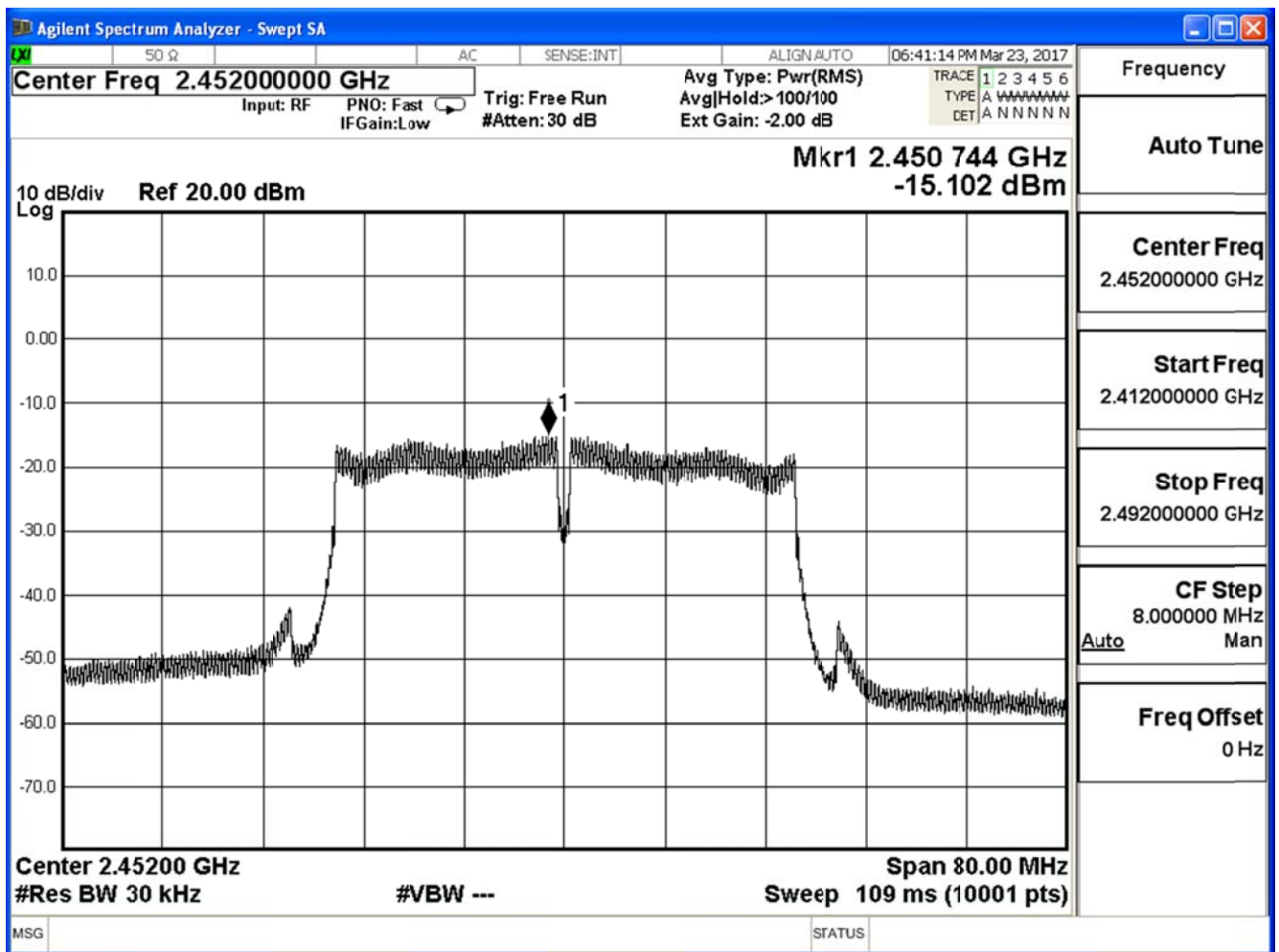
Channel 3



Channel 6



Channel 9



Product	UHD751-P		
Test Item	Power Density		
Test Mode	Mode 2: Tx MIMO Mode		
Date of Test	2017/03/23	Test Site	SR10-H

IEEE802.11n 40MHz (ANT 0+1)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-13.900	≤ 6.49	Pass
6	2437	-11.691	≤ 6.49	Pass
9	2452	-12.119	≤ 6.49	Pass

Direction antenna $= 4.5 + 10\log(2) = 4.5 + 3.01 = 7.51$ dBi

Limit = 8 dBm $-(7.51-6) = 6.49$ dBm