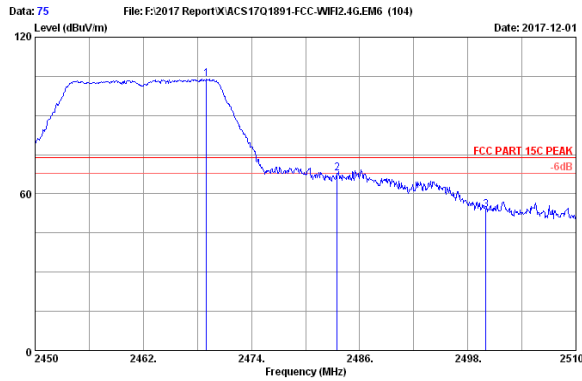
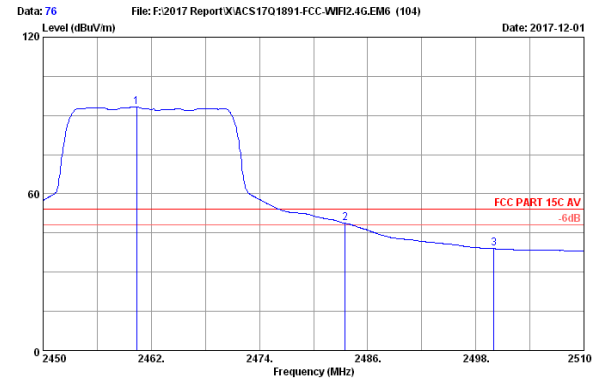




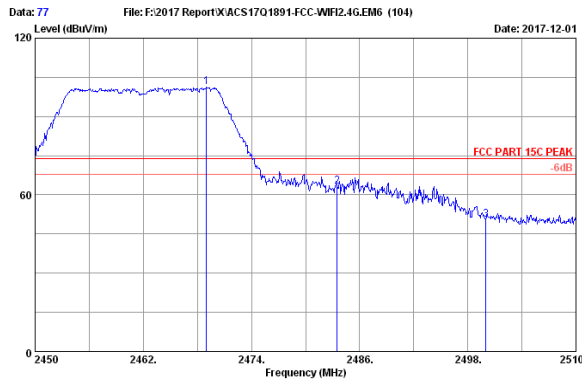
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2469.02	28.05	10.45	101.17	35.71	103.96	74.00	-29.96	Peak
2	2483.50	28.08	10.48	65.02	35.71	67.87	74.00	6.13	Peak
3	2500.00	28.10	10.48	50.95	35.74	53.79	74.00	20.21	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



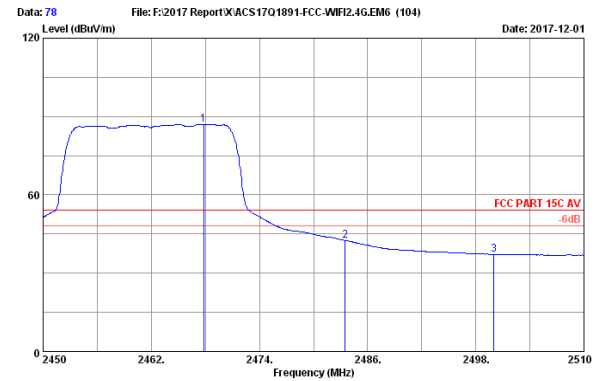
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2469.02	28.05	10.45	101.17	35.71	103.96	74.00	-29.96	Peak
2	2483.50	28.08	10.48	65.02	35.71	67.87	74.00	6.13	Peak
3	2500.00	28.10	10.48	50.95	35.74	53.79	74.00	20.21	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



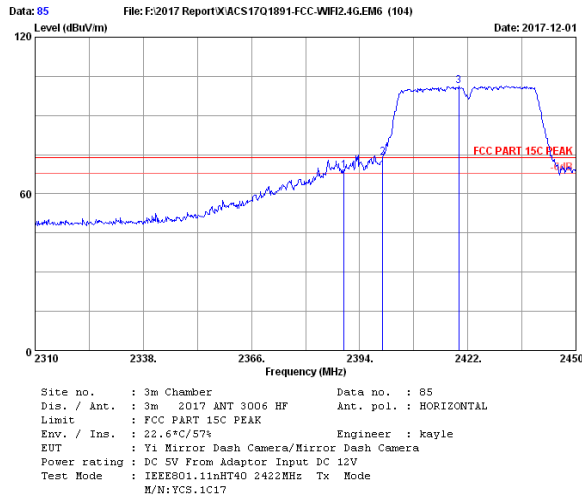
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2469.02	28.05	10.45	98.37	35.71	101.16	74.00	-27.16	Peak
2	2483.50	28.08	10.48	60.48	35.71	63.33	74.00	10.67	Peak
3	2500.00	28.10	10.48	47.54	35.74	50.38	74.00	23.62	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



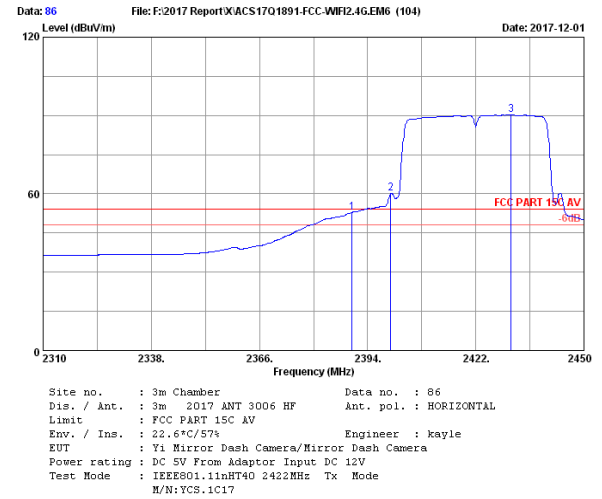
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2469.02	28.05	10.45	98.37	35.71	101.16	74.00	-27.16	Peak
2	2483.50	28.08	10.48	60.48	35.71	63.33	74.00	10.67	Peak
3	2500.00	28.10	10.48	47.54	35.74	50.38	74.00	23.62	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



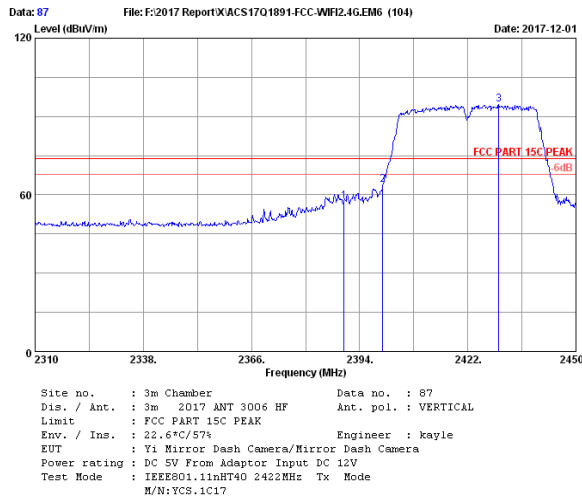
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	27.96	10.26	66.09	35.61	68.70	74.00	5.30	Peak
2	2400.00	27.96	10.30	71.22	35.61	73.87	74.00	0.13	Peak
3	2419.62	28.00	10.34	98.69	35.64	101.39	74.00	-27.39	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



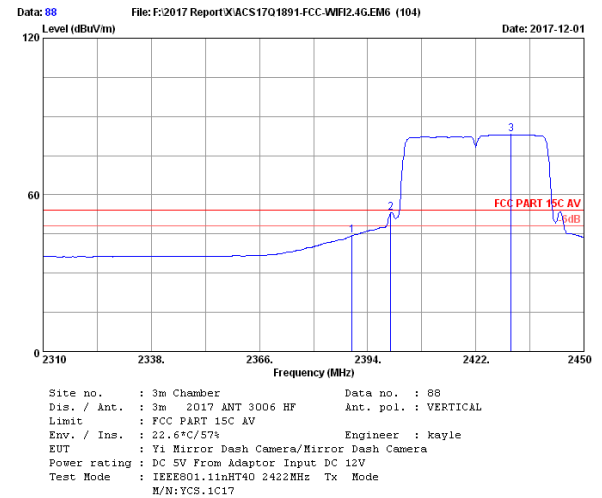
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	27.96	10.26	50.22	35.61	52.83	54.00	1.17	Average
2	2400.00	27.96	10.30	57.49	35.61	60.14	54.00	-6.14	Average
3	2431.10	28.00	10.37	87.47	35.64	90.20	54.00	-36.20	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



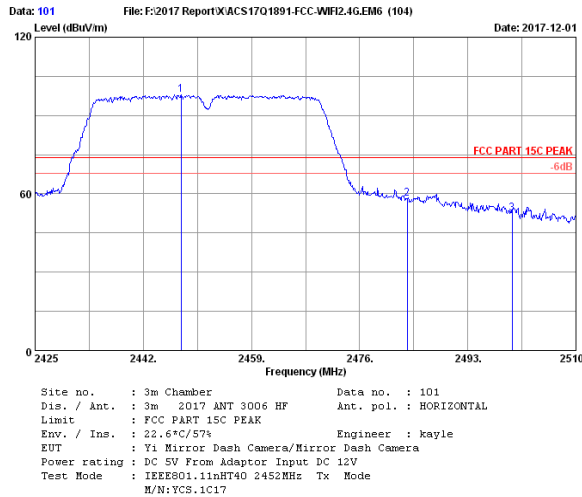
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	27.96	10.26	54.78	35.61	57.39	74.00	16.61	Peak
2	2400.00	27.96	10.30	61.07	35.61	63.72	74.00	10.28	Peak
3	2429.98	28.00	10.37	91.86	35.64	94.59	74.00	-20.59	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



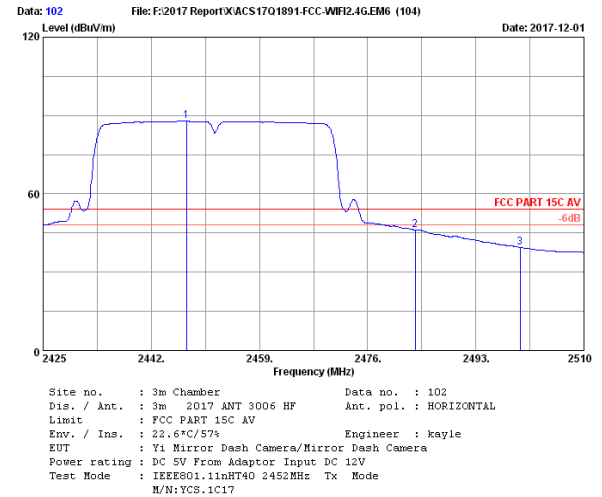
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading factor (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	27.96	10.26	41.73	35.61	44.34	54.00	9.66	Average
2	2400.00	27.96	10.30	50.53	35.61	53.18	54.00	0.82	Average
3	2431.10	28.00	10.37	80.34	35.64	83.07	54.00	-29.07	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



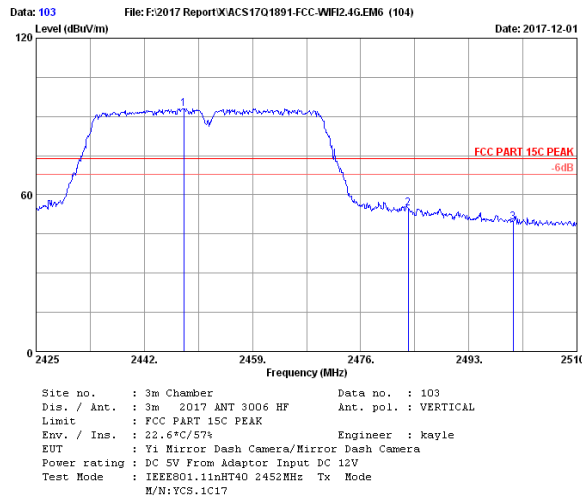
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2447.95	28.03	10.41	95.13	35.68	97.89	74.00	-23.89	Peak
2	2483.48	28.08	10.48	55.20	35.71	58.05	74.00	15.95	Peak
3	2500.00	28.10	10.48	49.71	35.74	52.55	74.00	21.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



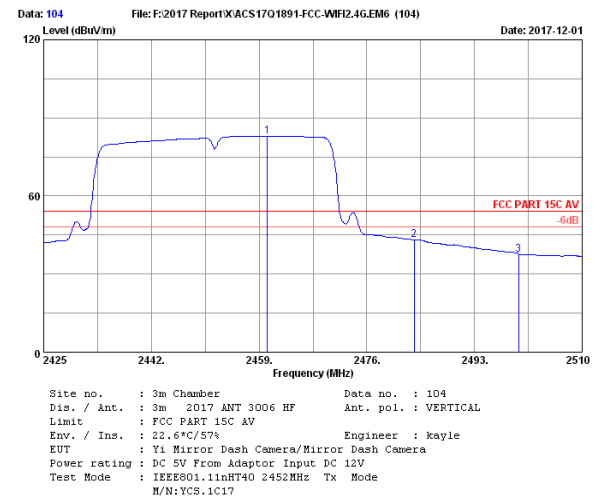
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2447.53	28.03	10.41	85.05	35.68	87.81	54.00	-33.81	Average
2	2483.50	28.08	10.48	43.38	35.71	46.23	54.00	7.77	Average
3	2500.00	28.10	10.48	36.63	35.74	39.47	54.00	14.53	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2448.21	28.03	10.41	90.32	35.68	93.08	74.00	-19.08	Peak
2	2483.48	28.08	10.48	51.96	35.71	54.81	74.00	19.19	Peak
3	2500.00	28.10	10.48	46.74	35.74	49.58	74.00	24.42	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.28	28.05	10.41	80.27	35.68	83.05	54.00	-29.05	Average
2	2483.48	28.08	10.48	40.34	35.71	43.19	54.00	10.81	Average
3	2500.00	28.10	10.48	34.73	35.74	37.57	54.00	16.43	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor.
 2. The emission levels that are 20dB below the official limit are not reported.

7. 6dB Bandwidth & 99% Bandwidth Test

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Sep.20,17	1 Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.27,17	1 Year
3.	RF Cable	Marvelous Microwave Inc	SFL402105FLEX	No.1	Oct.15,17	1 Year

7.2. Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

7.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

7.4. Test Results

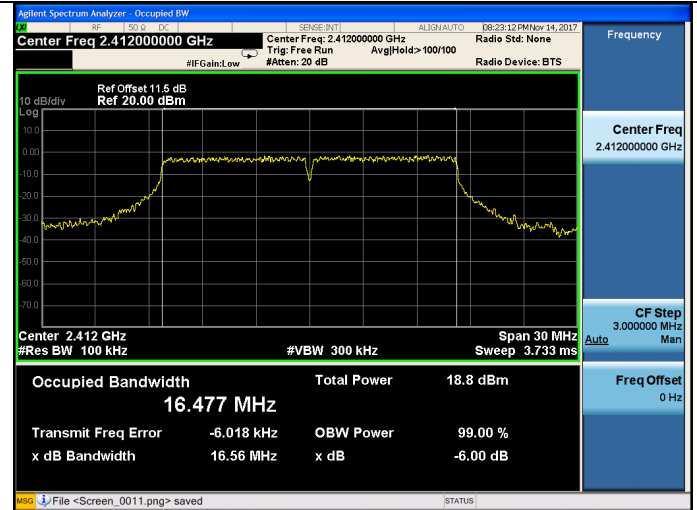
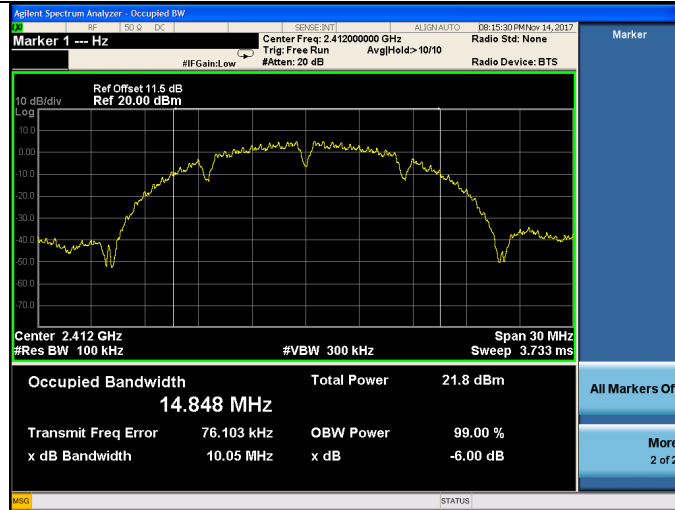
EUT: Yi Mirror Dash Camera/Mirror Dash Camera		
M/N: YCS.1C17		
Test date: 2017-11-14	Pressure: 102.6±1.0 kpa	Humidity: 51.3±3.0%
Tested by: Kayle	Test site: RF site	Temperature: 22.5±0.6 °C

Test Mode	CH	-6dB bandwidth (MHz)	Limit (KHz)
11b	CH1	10.05	>500
	CH6	9.833	>500
	CH11	10.04	>500
11g	CH1	16.56	>500
	CH6	16.57	>500
	CH11	16.57	>500
11n HT20	CH1	17.76	>500
	CH6	17.77	>500
	CH11	17.76	>500
11n HT40	CH3	36.36	>500
	CH6	36.35	>500
	CH9	36.36	>500
Conclusion : PASS			

Test Mode	CH	99% Bandwidth (MHz)	Limit (KHz)
11b	CH1	14.848	N/A
	CH6	14.707	N/A
	CH11	14.739	N/A
11g	CH1	16.477	N/A
	CH6	16.495	N/A
	CH11	16.480	N/A
11n HT20	CH1	17.671	N/A
	CH6	17.690	N/A
	CH11	17.672	N/A
11n HT40	CH3	35.948	N/A
	CH6	35.947	N/A
	CH9	35.934	N/A
Conclusion : PASS			

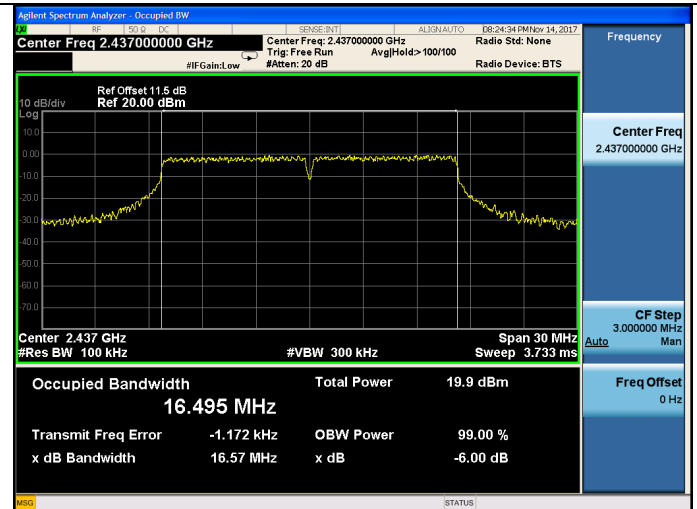
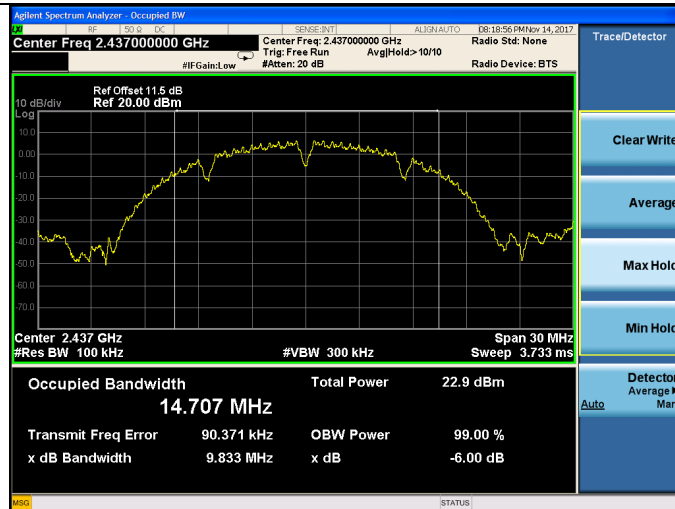
Test Mode: IEEE 802.11b
Test CH1: 2412MHz

Test Mode: IEEE 802.11g
Test CH1: 2412MHz



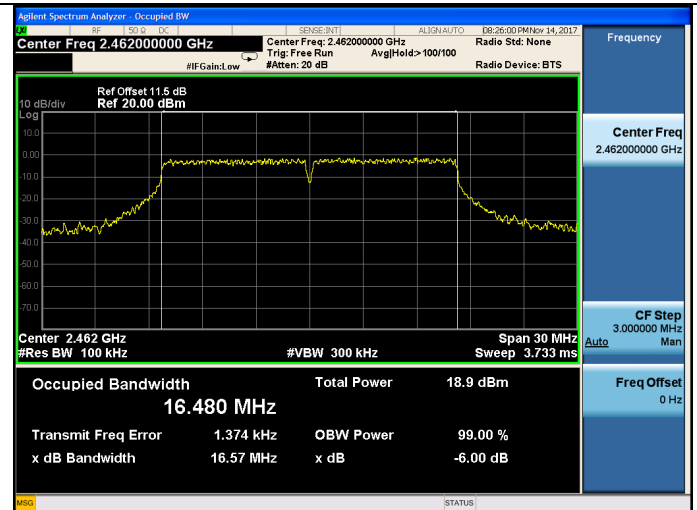
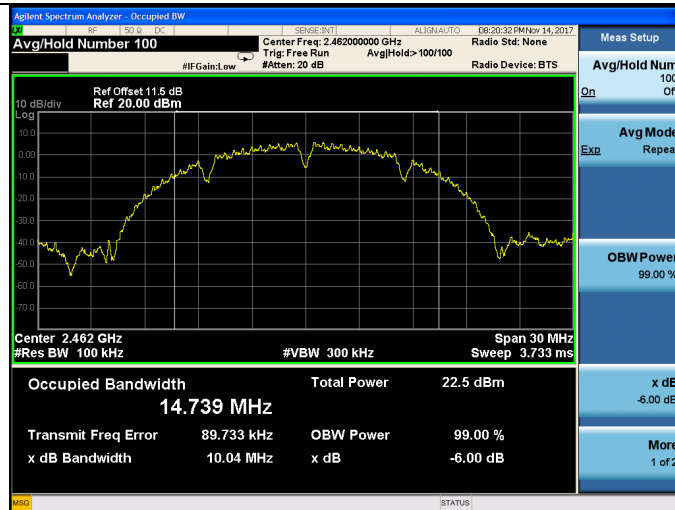
Test CH6: 2437MHz

Test CH6: 2437MHz



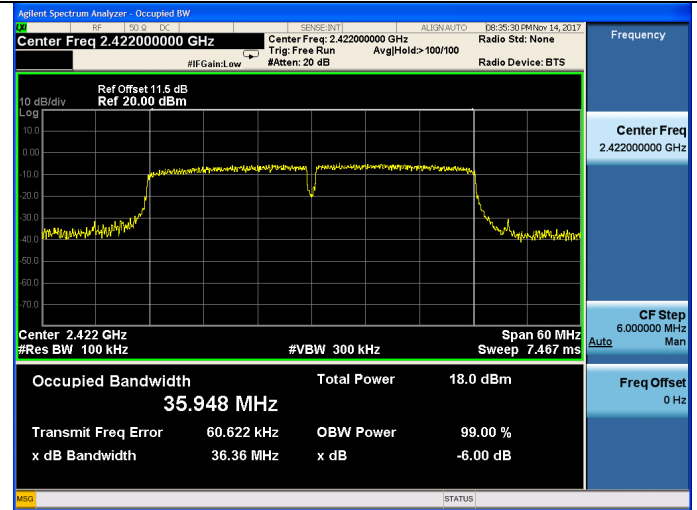
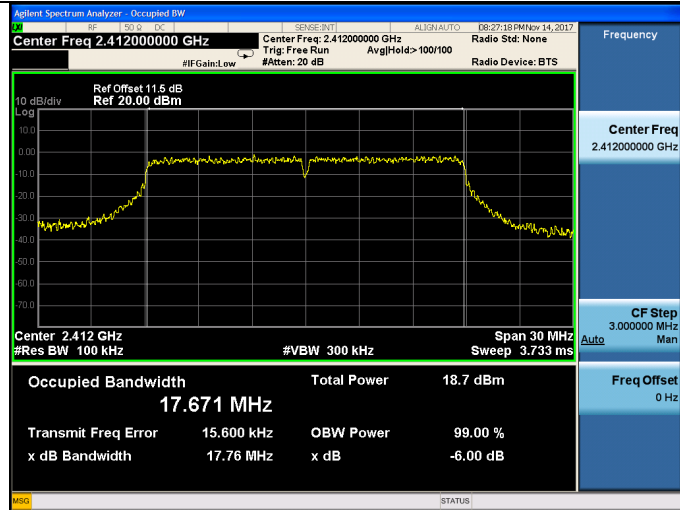
Test CH11: 2462MHz

Test CH11: 2462MHz



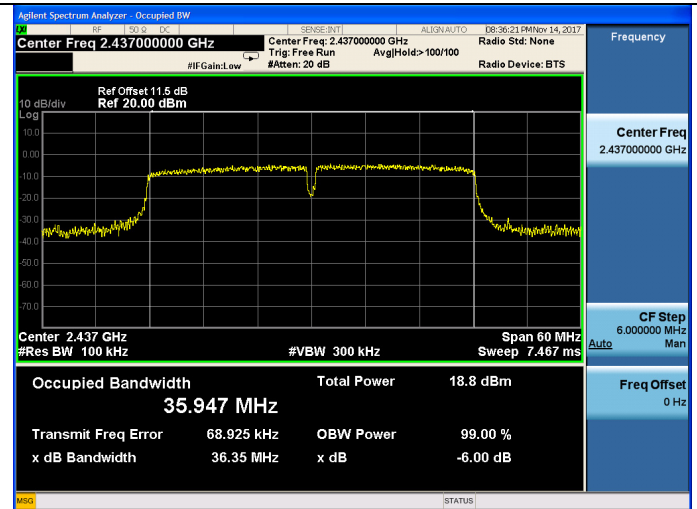
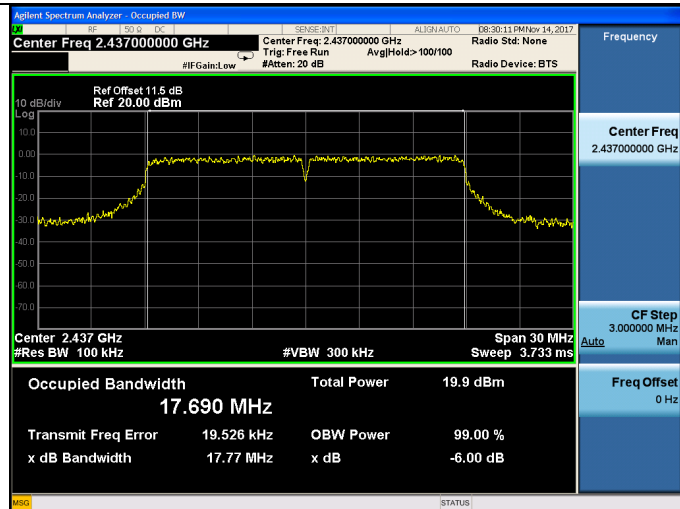
Test Mode: IEEE 802.11n HT20
Test CH1: 2412MHz

Test Mode: IEEE 802.11 HT40
Test CH3: 2422MHz



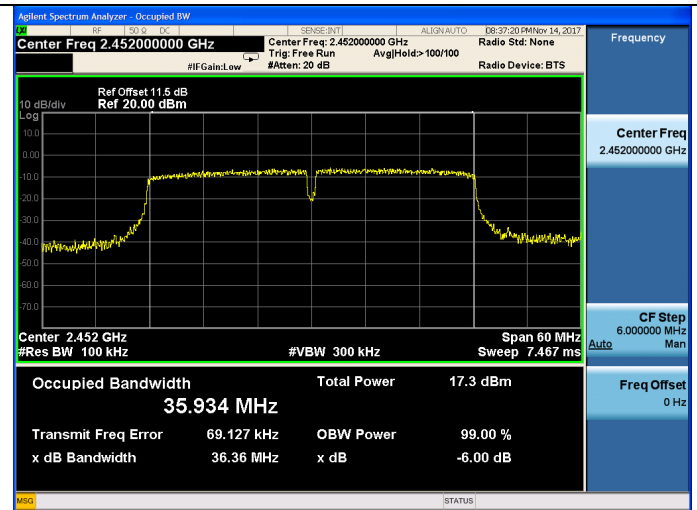
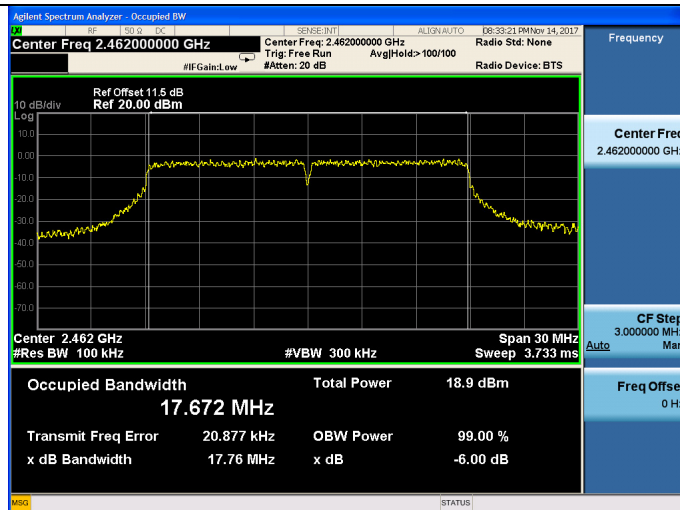
Test CH6: 2437MHz

Test CH6: 2437MHz



Test CH11: 2462MHz

Test CH9: 2452MHz



8. OUTPUT POWER TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Sep.20,17	1 Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr.22,17	1 Year
3.	Power sensor	Anritsu	MA2491A	0033005	Apr.22,17	1 Year
4.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.22,17	1 Year
5.	RF Cable	Marvelous Microwave Inc	SFL402105FLEX	No.1	Oct.15,17	1 Year

8.2. Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, The Peak output Power shall not exceed 1W(30dBm), As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level.

8.3. Test Procedure

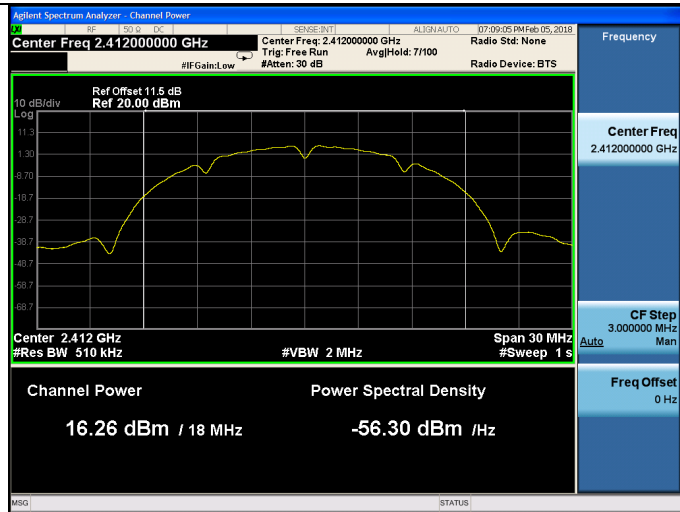
- 1, Connected the EUT's antenna port to measure device by 26dB attenuator.
- 2, Use the test method described in KDB558074 clause 9.2.2.
 - 1) Set span to at least 1.5 OBW.
 - 2) Set RBW = 1 % to 5 % of the OBW, not to exceed 1 MHz.
 - 3) Set VBW $\geq$ 3 RBW.
 - 4) Number of points in sweep $\geq$ 2 span / RBW.
 - 5) Sweep time = auto.
 - 6) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
 - 7) If transmit duty cycle < 98 %, use a sweep trigger with the level set to enable triggering only on full power pulses. The transmitter shall operate at maximum power control level for the entire 558074 D01 DTS Meas Guidance v04 Page 8 duration of every sweep. If the EUT transmits continuously or at duty cycle $\geq$ 98 %, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run".
 - 8) Trace average at least 100 traces in power averaging mode.
 - 9) Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function, with band limits set equal to the OBW band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

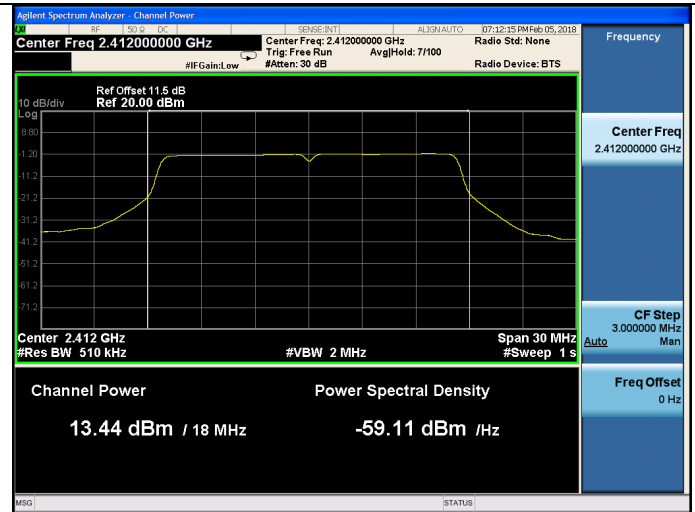
8.4. Test Results

EUT: Yi Mirror Dash Camera/Mirror Dash Camera			
M/N: YCS.1C17			
Test date: 2018-02-05		Pressure: 102.6±1.0 kpa	Humidity: 51.3±3.0%
Tested by: Kayle		Test site: RF site	Temperature: 22.5±0.6 °C
Test Mode	CH	output Power (dBm)	Limit (dBm)
11b	CH1	16.26	30
	CH6	16.98	30
	CH11	16.55	30
11g	CH1	13.44	30
	CH6	14.66	30
	CH11	13.75	30
11n HT20	CH1	13.52	30
	CH6	14.47	30
	CH11	13.77	30
11n HT40	CH3	13.60	30
	CH6	14.21	30
	CH9	12.76	30
Conclusion: PASS			

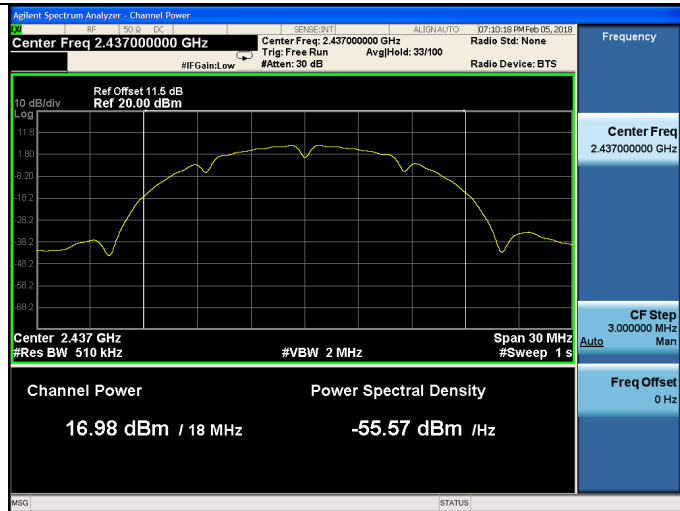
Test Mode: IEEE 802.11b
Test CH1: 2412MHz



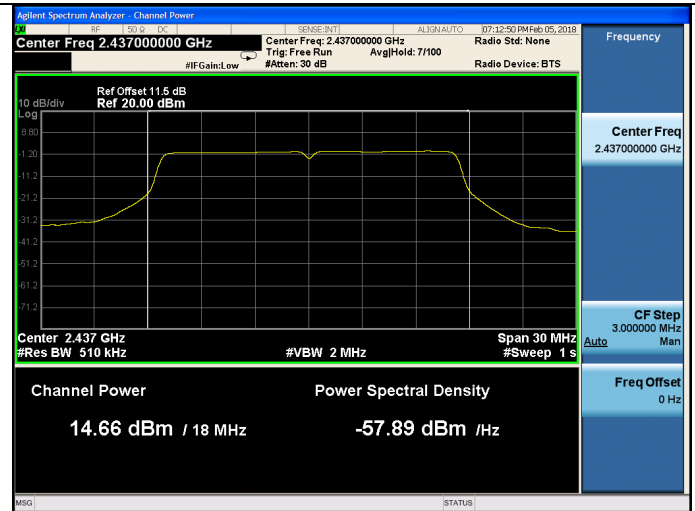
Test Mode: IEEE 802.11g
Test CH1: 2412MHz



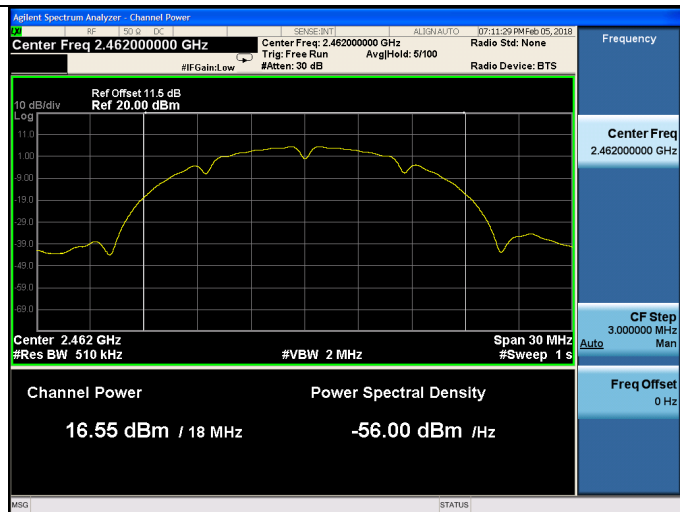
Test CH6: 2437MHz



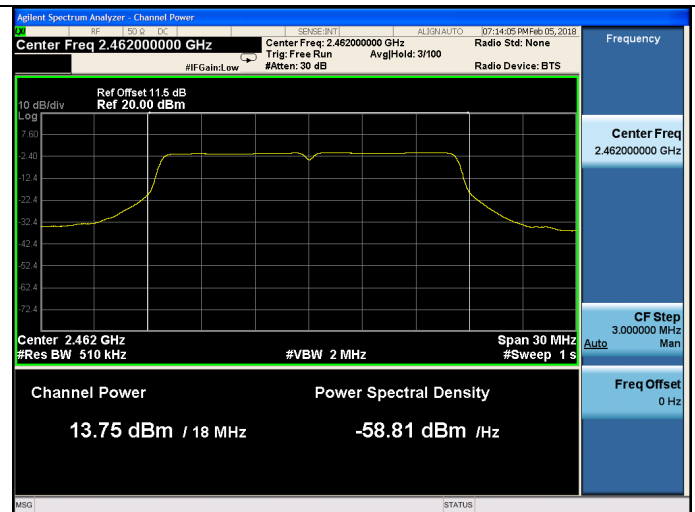
Test CH6: 2437MHz



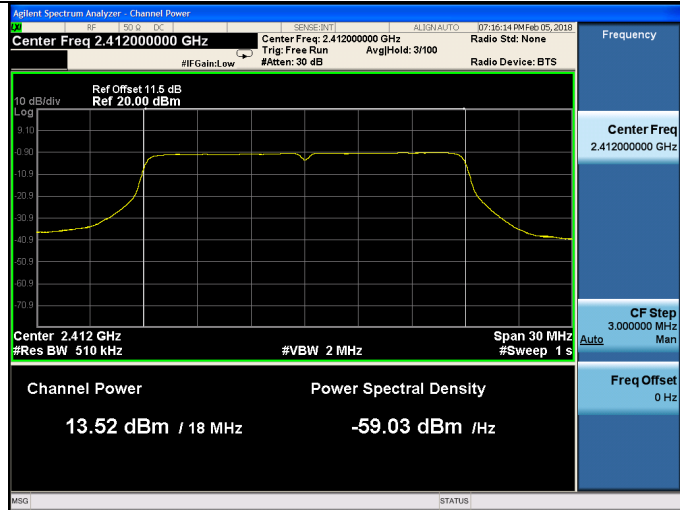
Test CH11: 2462MHz



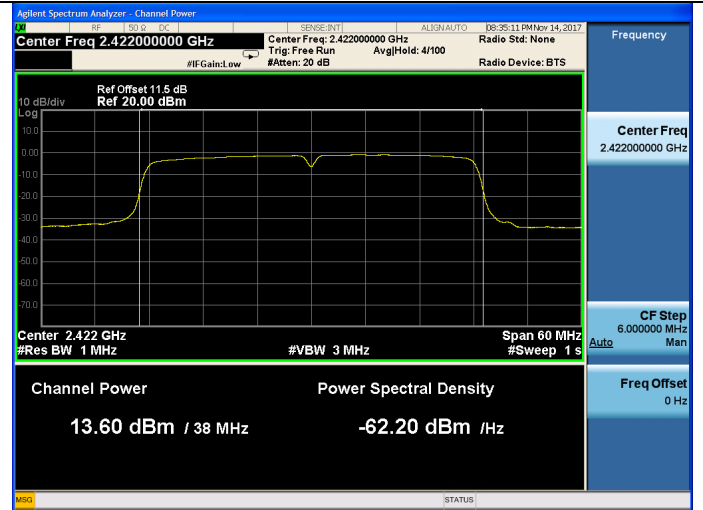
Test CH11: 2462MHz



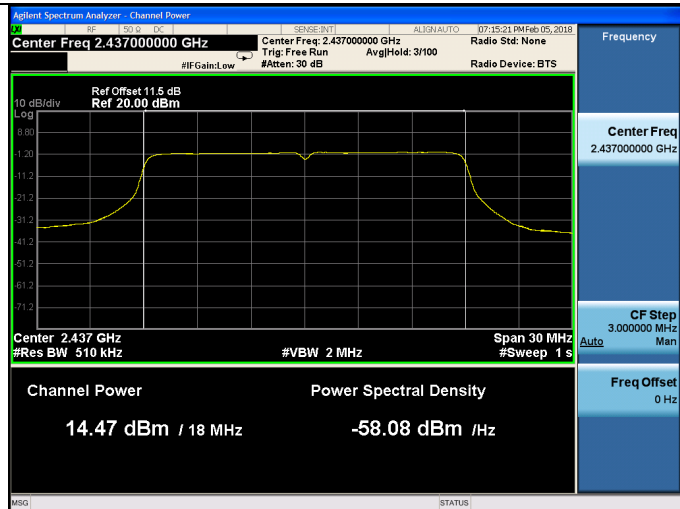
Test Mode: IEEE 802.11n HT20
Test CH1: 2412MHz



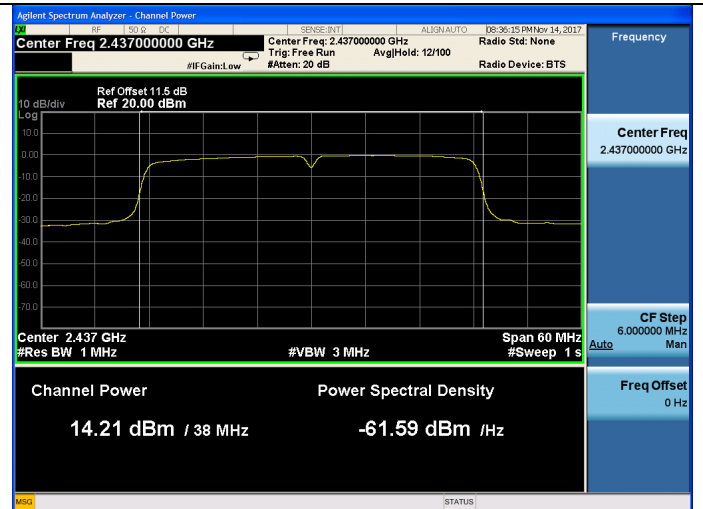
Test Mode: IEEE 802.11n HT40
Test CH3: 2422MHz



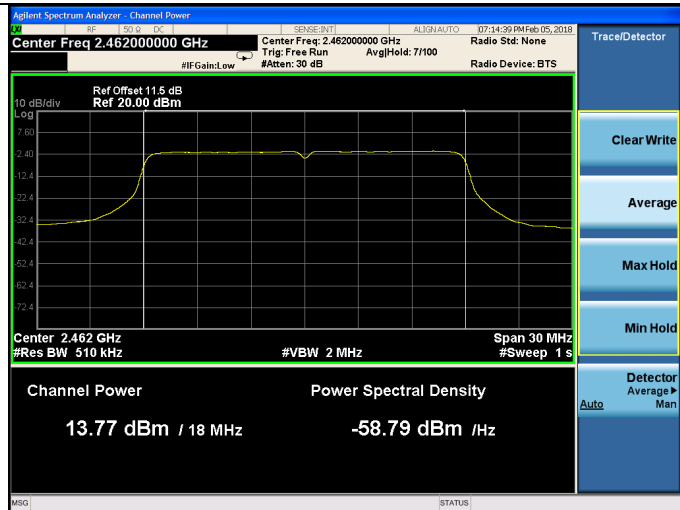
Test CH6: 2437MHz



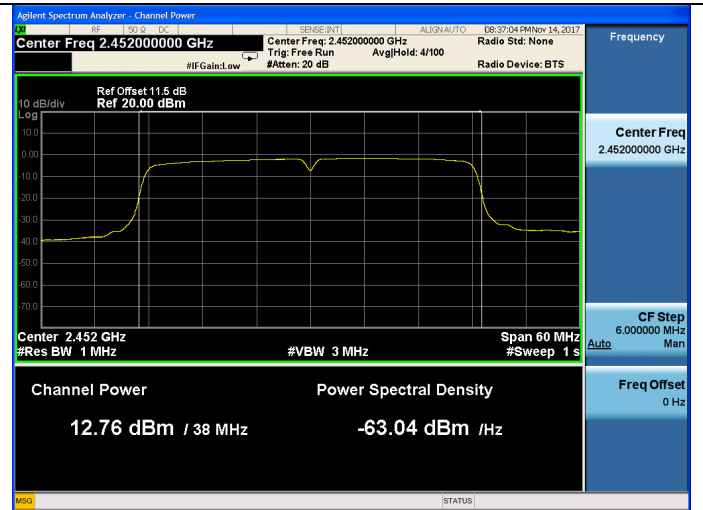
Test CH6: 2437MHz



Test CH11: 2462MHz



Test CH9: 2452MHz



9. POWER SPECTRAL DENSITY TEST

9.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Sep.20,17	1 Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.27,17	1 Year
3.	RF Cable	Marvelous Microwave Inc	SFL402105FLEX	No.1	Oct.15,17	1 Year

9.2. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

9.3. Test Procedure

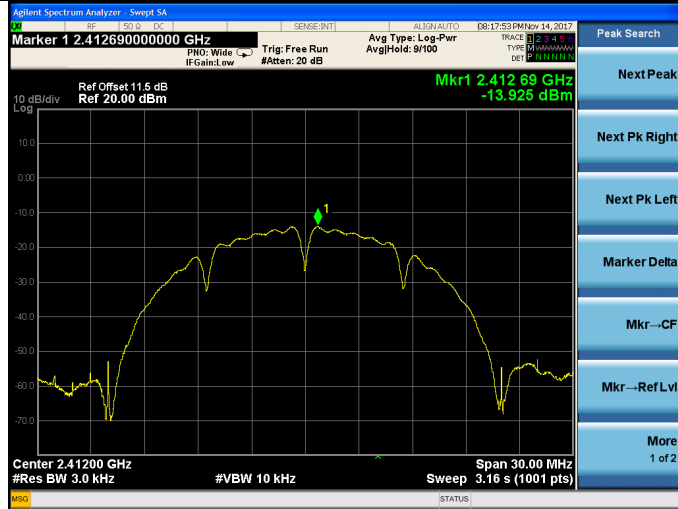
1. Connected the EUT's antenna port to spectrum analyzer device by 20dB attenuator.
2. Set span to 1.5 times the DTS Bandwidth.
3. Set the RBW=3KHz, VBW=10KHz.
4. Detector=peak, Sweep time=Auto, Trace mode=max Hold
5. All the trace to fully stabilize.
6. Use the peak marker function to determine the maximum amplitude level with in the RBW.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude

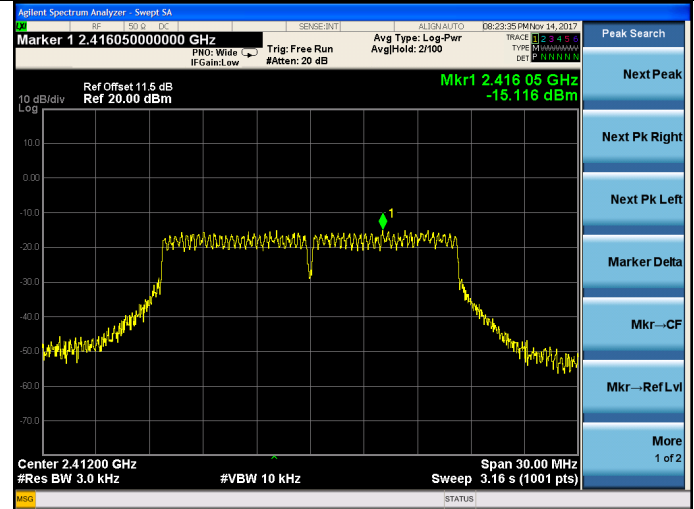
9.4. Test Results

EUT: Yi Mirror Dash Camera/Mirror Dash Camera			
M/N: YCS.1C17			
Test date: 2017-11-14		Pressure: 102.6±1.0 kpa	Humidity: 51.3±3.0%
Tested by: Kayle		Test site: RF site	Temperature: 22.5±0.6 °C
Test Mode	CH	Power Density (dBm/3KHz)	Limit (dBm/3KHz)
11b	CH1	-13.925	8
	CH6	-12.753	8
	CH11	-13.060	8
11g	CH1	-15.116	8
	CH6	-13.840	8
	CH11	-14.708	8
11n HT20	CH1	-14.392	8
	CH6	-13.479	8
	CH11	-14.824	8
11n HT40	CH3	-17.059	8
	CH6	-16.001	8
	CH9	-17.698	8
Conclusion: PASS			

Test Mode: IEEE 802.11b
Test CH1: 2412MHz



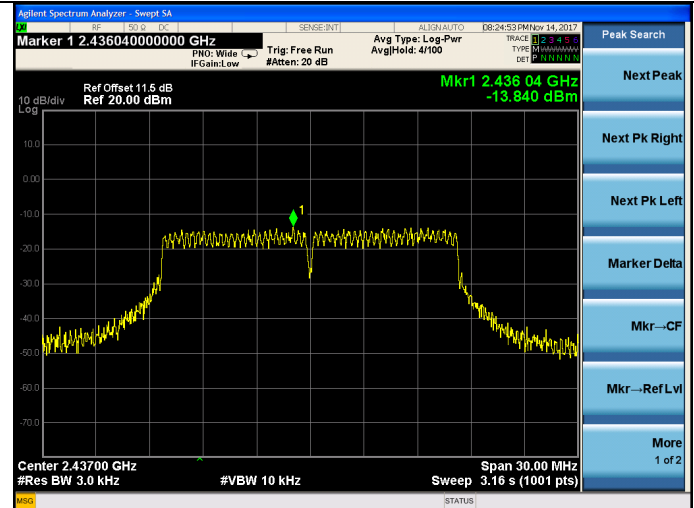
Test Mode: IEEE 802.11g
Test CH1: 2412MHz



Test CH6: 2437MHz



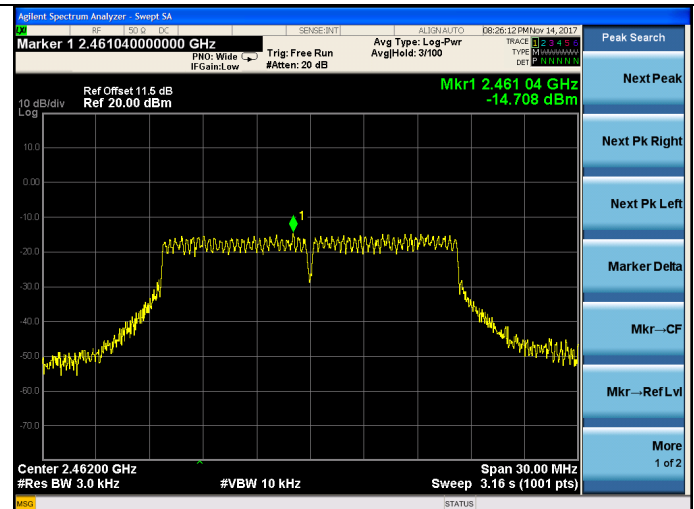
Test CH6: 2437MHz



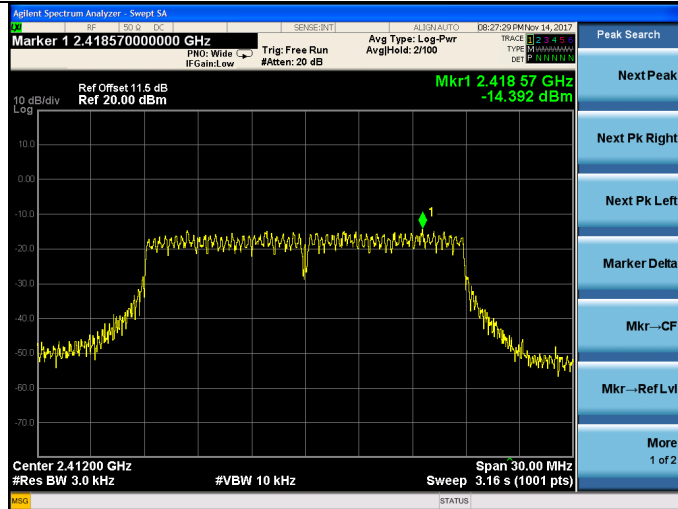
Test CH11: 2462MHz



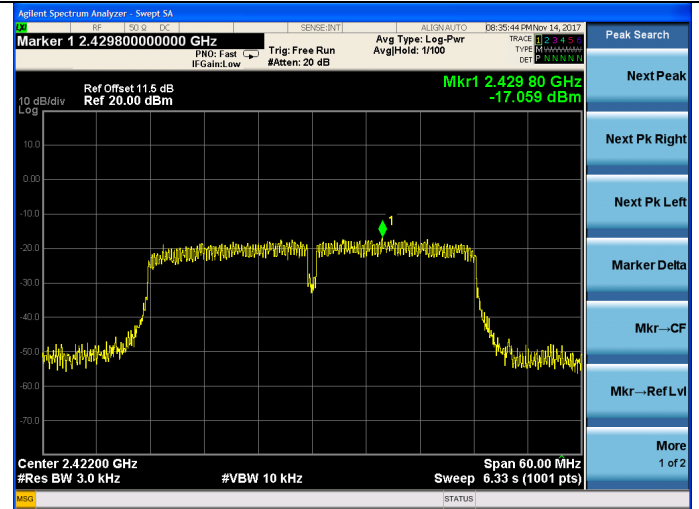
Test CH11: 2462MHz



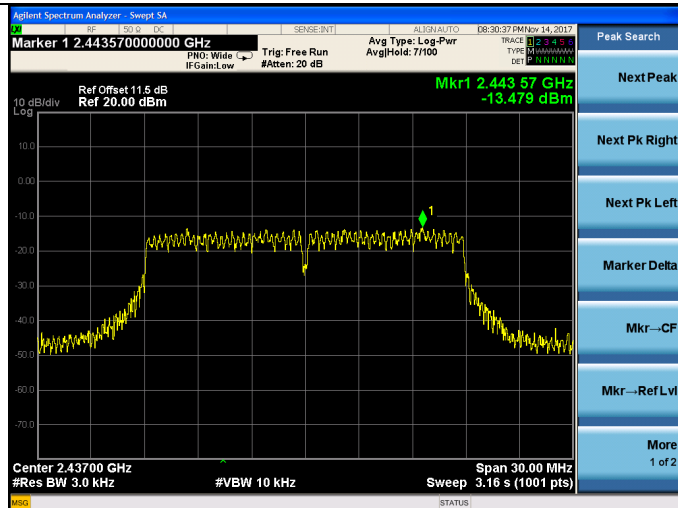
Test Mode: IEEE 802.11n HT20
Test CH1: 2412MHz



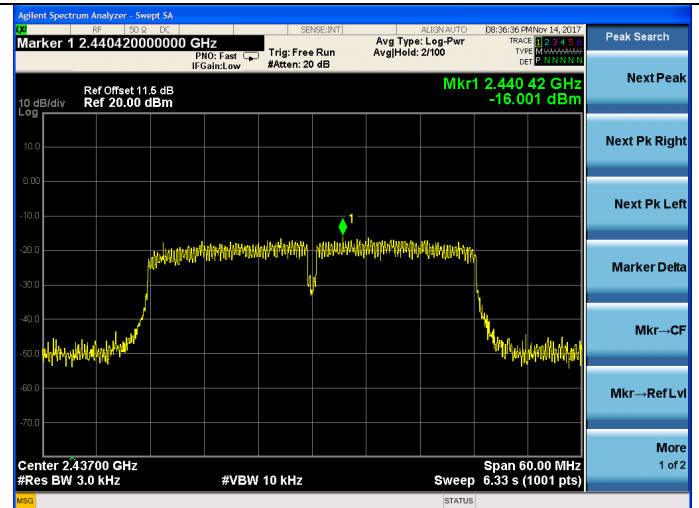
Test Mode: IEEE 802.11n HT40
Test CH3: 2422MHz



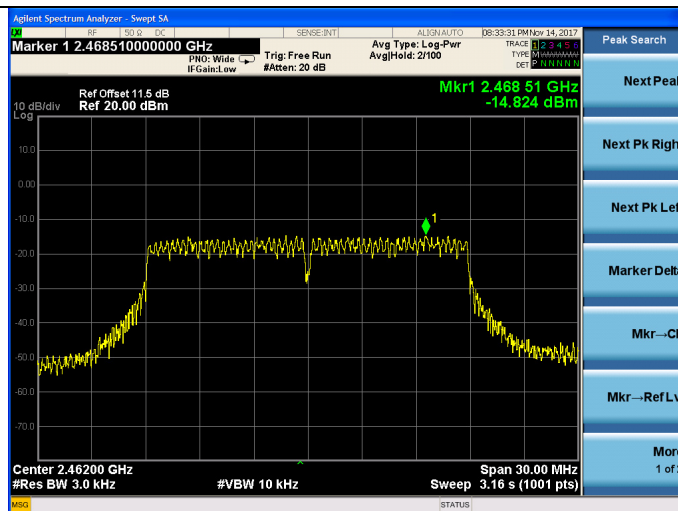
Test CH6: 2437MHz



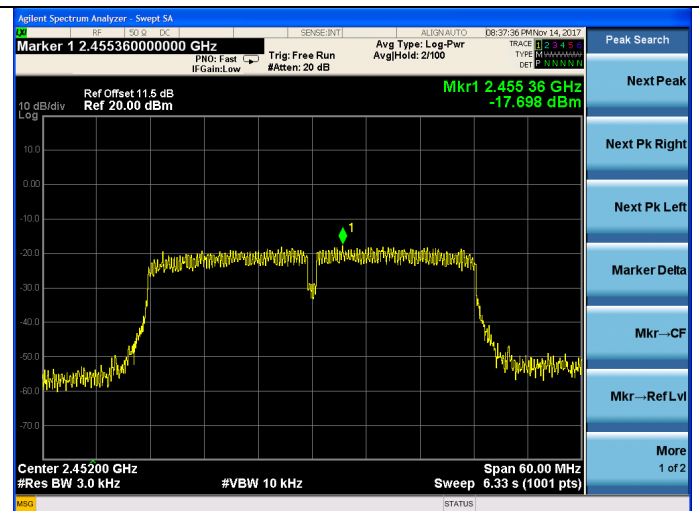
Test CH6: 2437MHz



Test CH11: 2462MHz



Test CH9: 2452MHz



11. ANTENNA REQUIREMENT

11.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2. Antenna Connected Construction

The antennas used for this product are Connector antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 2.68dBi.

12.DEVIATION TO TEST SPECIFICATIONS

[NONE]