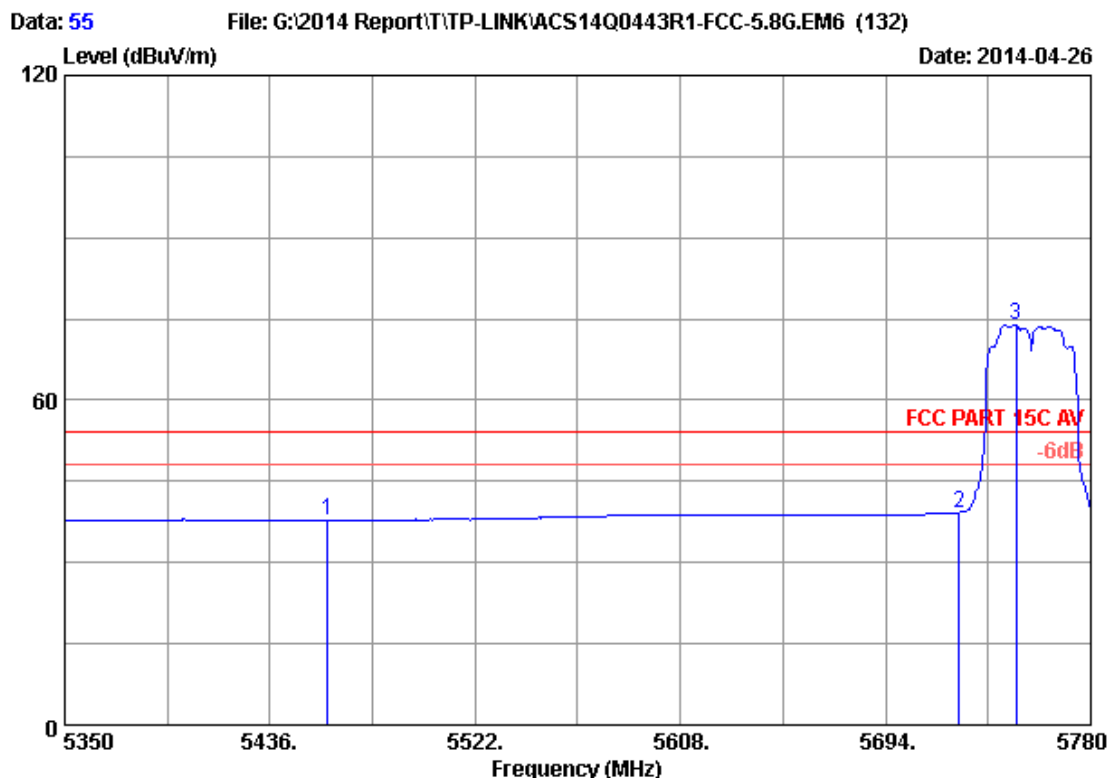
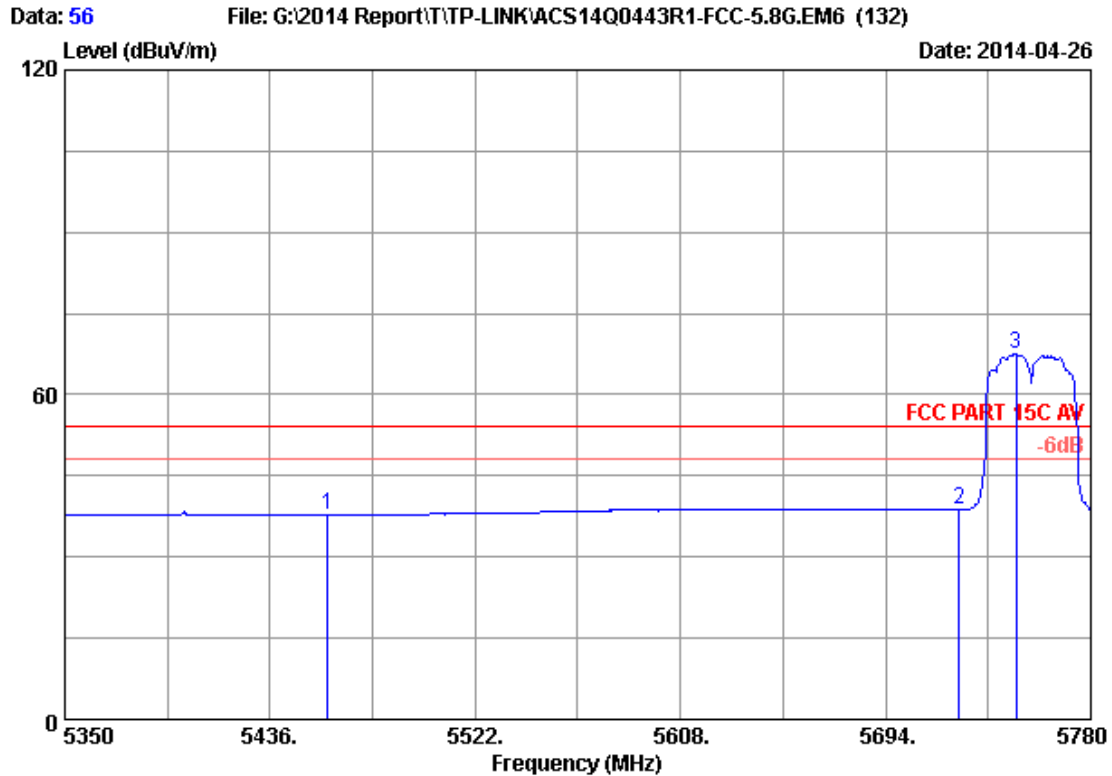




Site no. : 3m Chamber Data no. : 55
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH151 5755MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.25	37.74	54.00	16.26	Average
2	5725.000	34.09	9.52	35.70	31.34	39.25	54.00	14.75	Average
3	5748.610	34.10	9.55	35.70	65.93	73.88	54.00	-19.88	Average

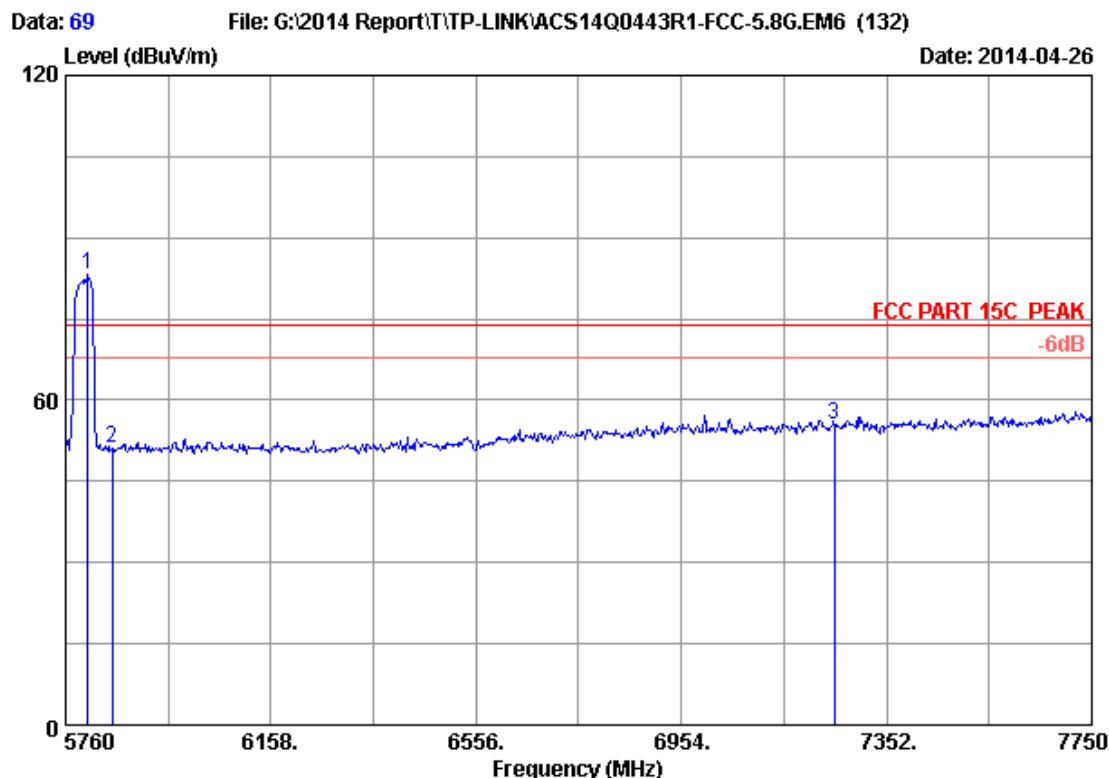
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 56
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH151 5755MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.27	37.76	54.00	16.24	Average
2	5725.000	34.09	9.52	35.70	30.89	38.80	54.00	15.20	Average
3	5748.610	34.10	9.55	35.70	59.46	67.41	54.00	-13.41	Average

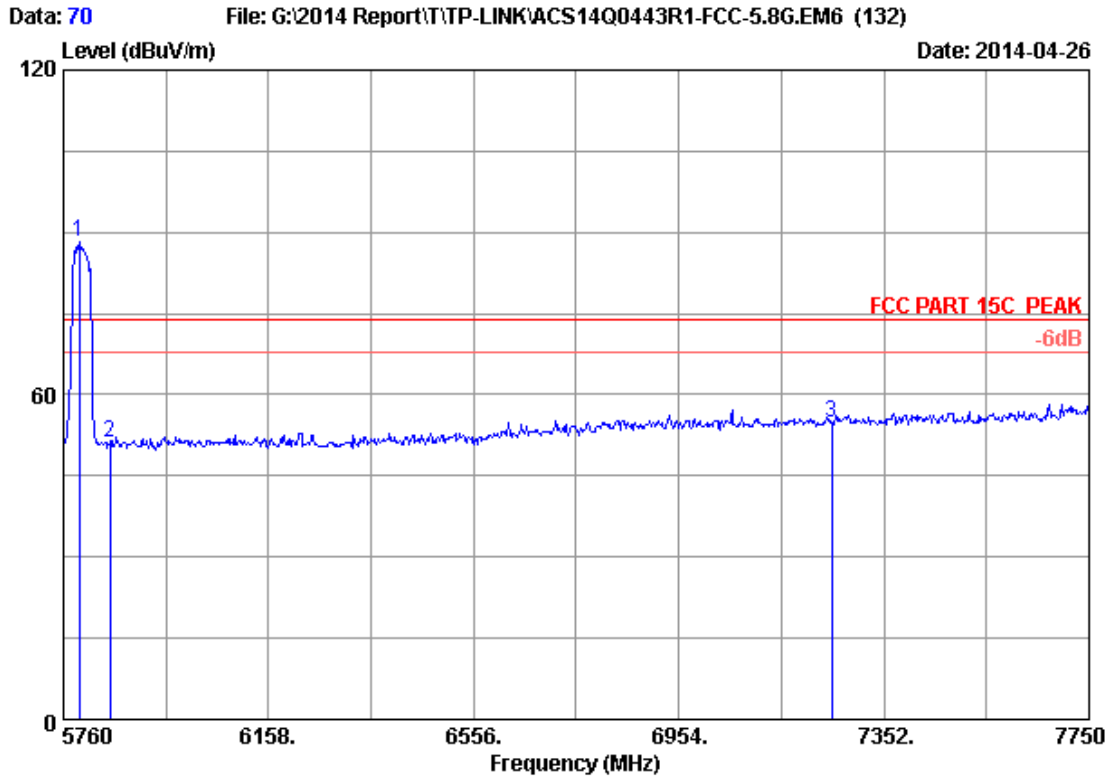
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5803.780	34.12	9.61	35.70	75.18	83.21	74.00	-9.21	Peak
2	5850.000	34.14	9.66	35.70	42.91	51.01	74.00	22.99	Peak
3	7250.000	36.05	10.99	35.45	44.01	55.60	74.00	18.40	Peak

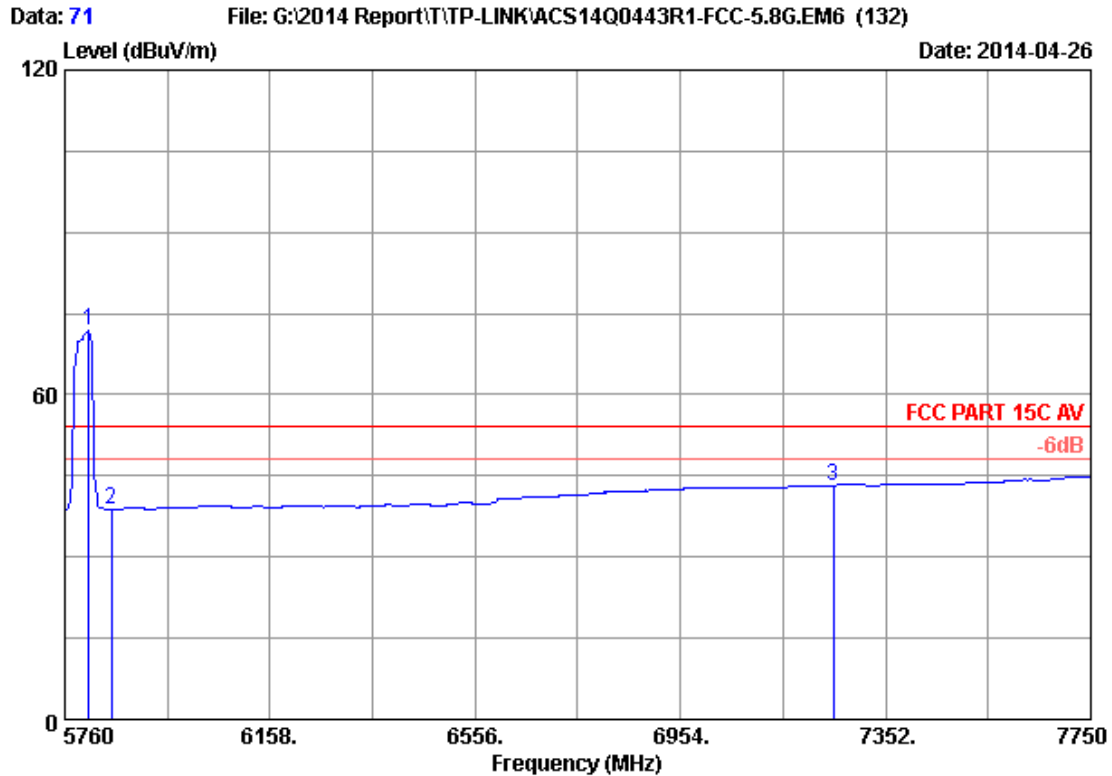
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	5789.850	34.12	9.59	35.70	80.12	88.13	74.00	-14.13	Peak
2	5850.000	34.14	9.66	35.70	43.21	51.31	74.00	22.69	Peak
3	7250.000	36.05	10.99	35.45	43.27	54.86	74.00	19.14	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.



Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : T2U

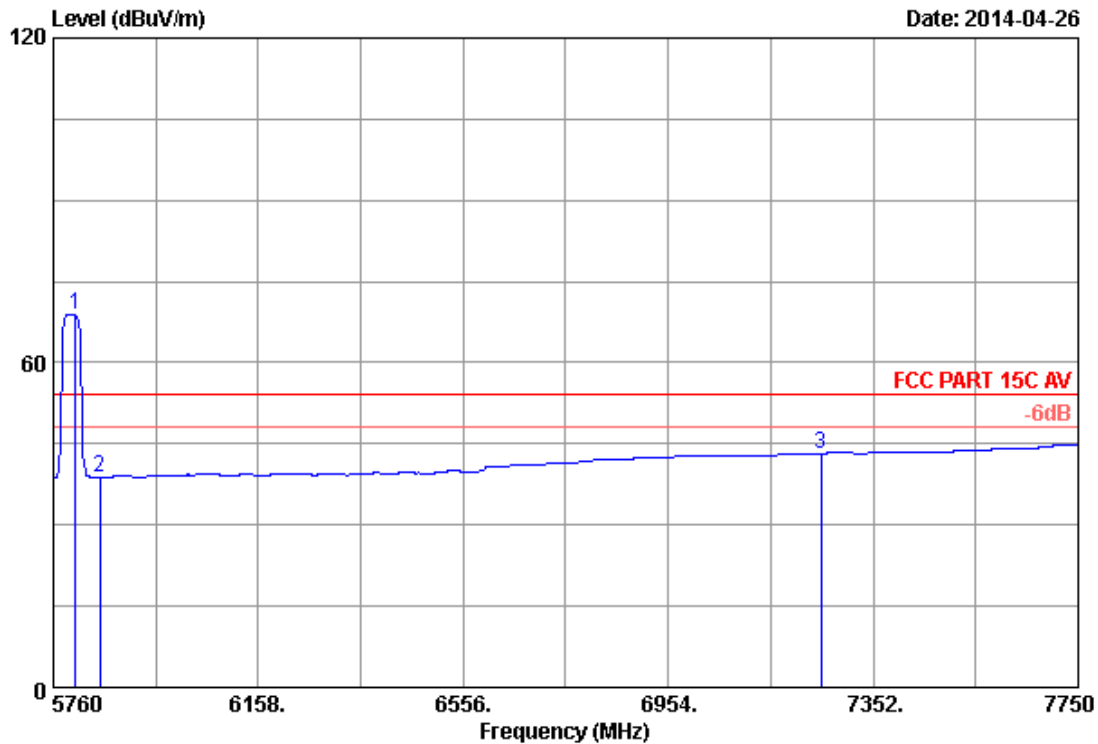
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5805.770	34.12	9.61	35.70	63.78	71.81	54.00	-17.81	Average
2	5850.000	34.14	9.66	35.70	30.70	38.80	54.00	15.20	Average
3	7250.000	36.05	10.99	35.45	31.62	43.21	54.00	10.79	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.

Data: 72

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Date: 2014-04-26



Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : T2U

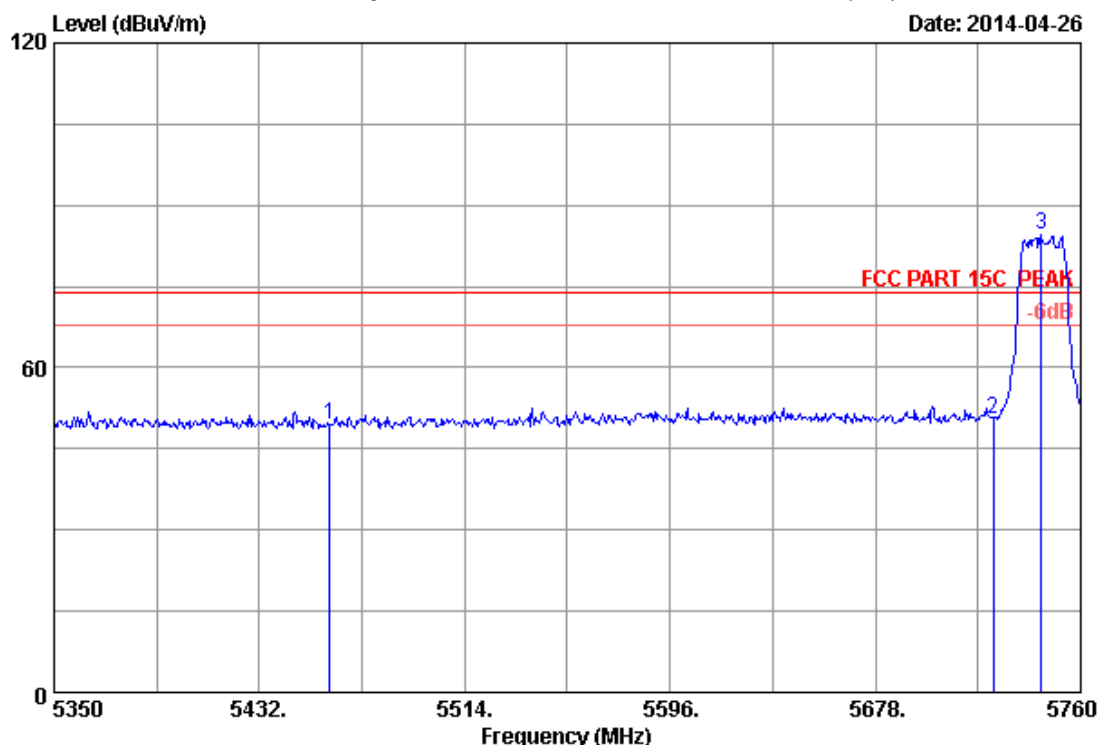
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5803.780	34.12	9.61	35.70	60.86	68.89	54.00	-14.89	Average
2	5850.000	34.14	9.66	35.70	30.60	38.70	54.00	15.30	Average
3	7250.000	36.05	10.99	35.45	31.62	43.21	54.00	10.79	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.

Data: 73

File: G:\2014 Report\TTP-LINK\ACS14Q0443R1-FCC-5.8G.EM6 (132)

Date: 2014-04-26



Site no. : 3m Chamber Data no. : 73
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : T2U

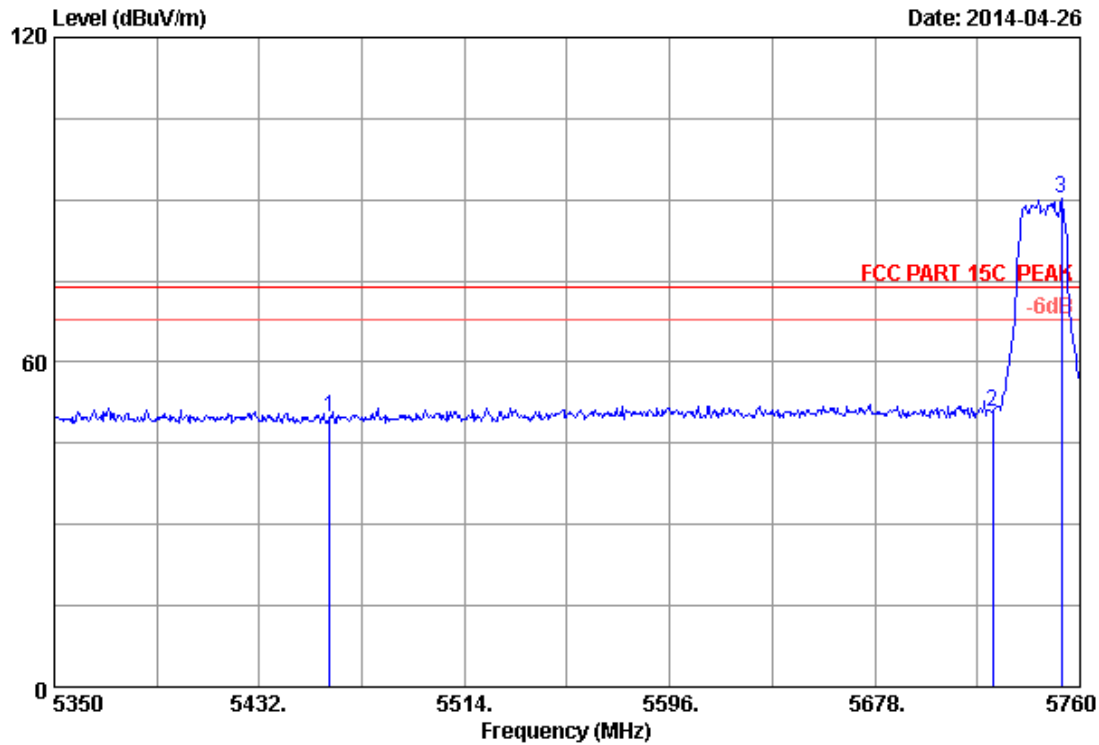
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	42.03	49.52	74.00	24.48	Peak
2	5725.000	34.09	9.52	35.70	42.64	50.55	74.00	23.45	Peak
3	5744.420	34.10	9.54	35.70	76.63	84.57	74.00	-10.57	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.

Data: 74

File: G:\2014 Report\T\TP-LINK\ACS14Q0443R1-FCC-5.8G.EM6 (132)

Date: 2014-04-26



Site no. : 3m Chamber Data no. : 74
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : T2U

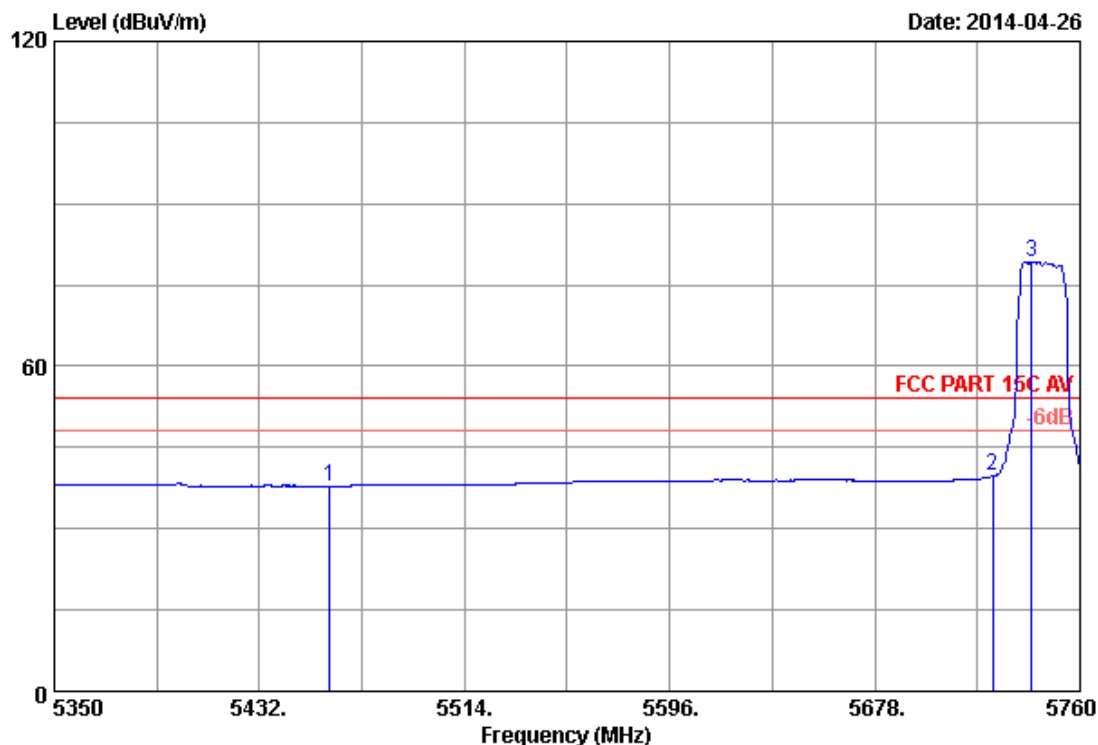
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	42.21	49.70	74.00	24.30	Peak
2	5725.000	34.09	9.52	35.70	42.97	50.88	74.00	23.12	Peak
3	5752.620	34.10	9.55	35.70	82.46	90.41	74.00	-16.41	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.

Data: 75

File: G:\2014 Report\T\TP-LINK\ACS14Q0443R1-FCC-5.8G.EM6 (132)

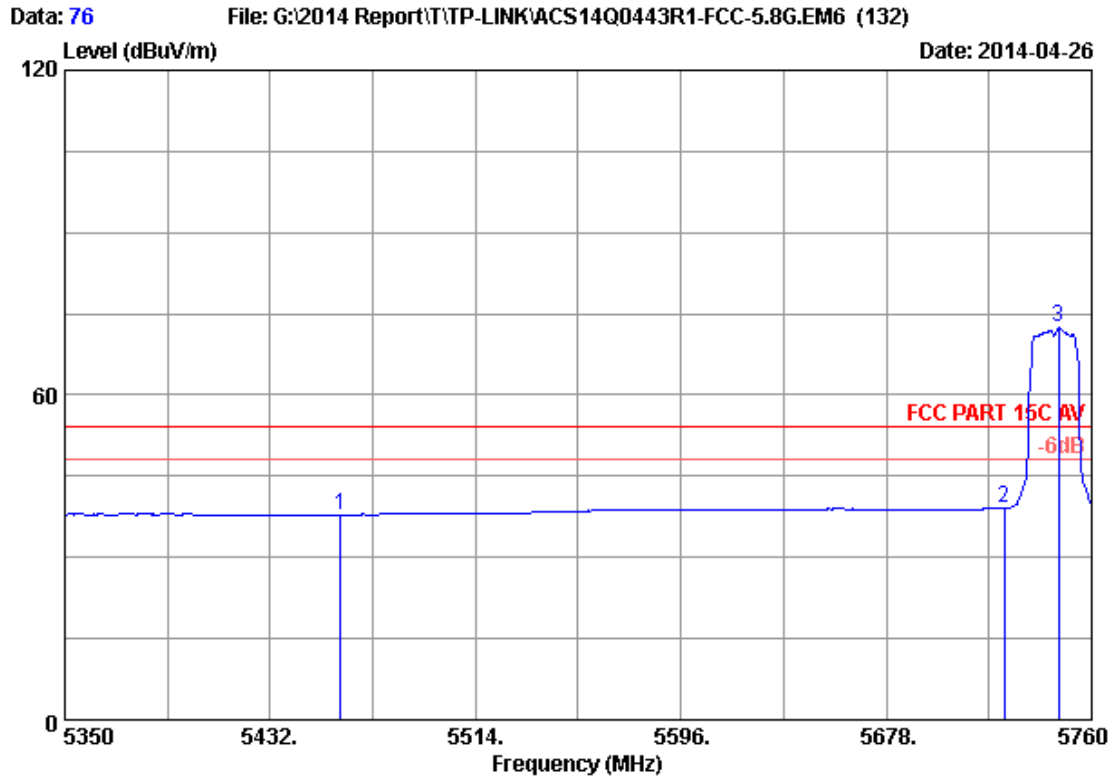
Date: 2014-04-26



Site no. : 3m Chamber Data no. : 75
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.41	37.90	54.00	16.10	Average
2	5725.000	34.09	9.52	35.70	31.79	39.70	54.00	14.30	Average
3	5740.730	34.10	9.54	35.70	71.42	79.36	54.00	-25.36	Average

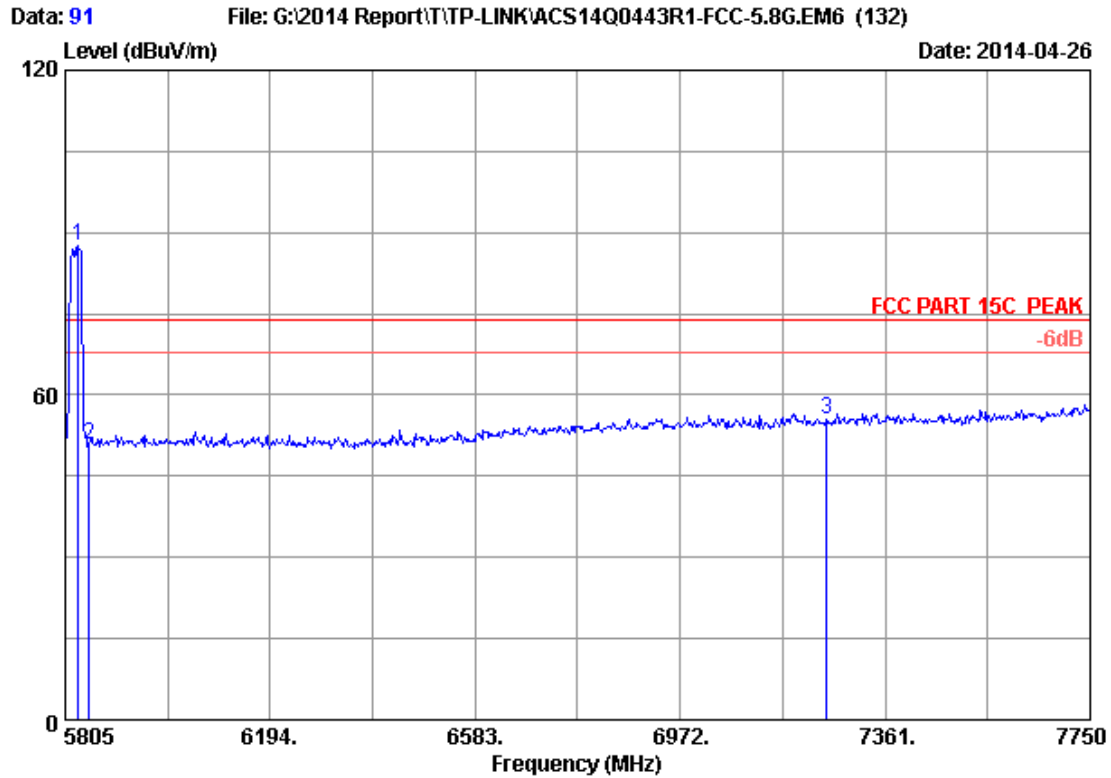
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : AC600 Wireless Dual Band USB Adapter
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.39	37.88	54.00	16.12	Average
2	5725.000	34.09	9.52	35.70	31.22	39.13	54.00	14.87	Average
3	5746.880	34.10	9.55	35.70	64.44	72.39	54.00	-18.39	Average

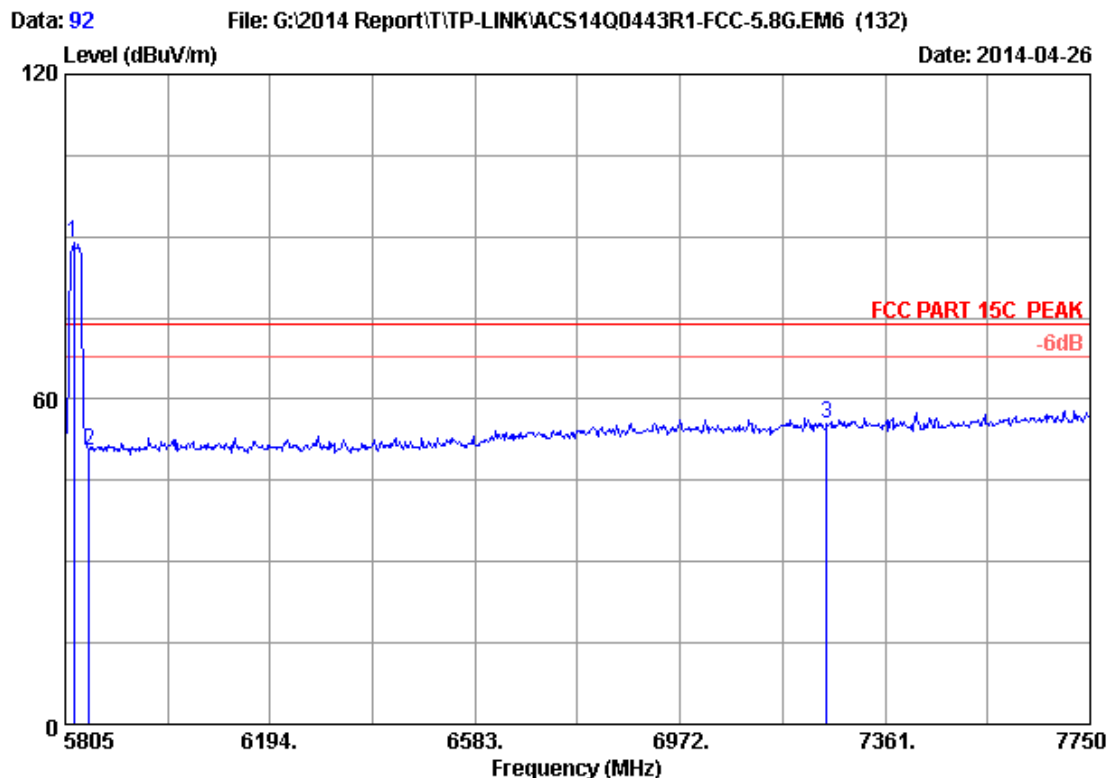
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.



Site no. : 3m Chamber Data no. : 91
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5830.285	34.13	9.63	35.70	79.38	87.44	74.00	-13.44	Peak
2	5850.000	34.14	9.66	35.70	42.67	50.77	74.00	23.23	Peak
3	7250.000	36.05	10.99	35.45	44.00	55.59	74.00	18.41	Peak

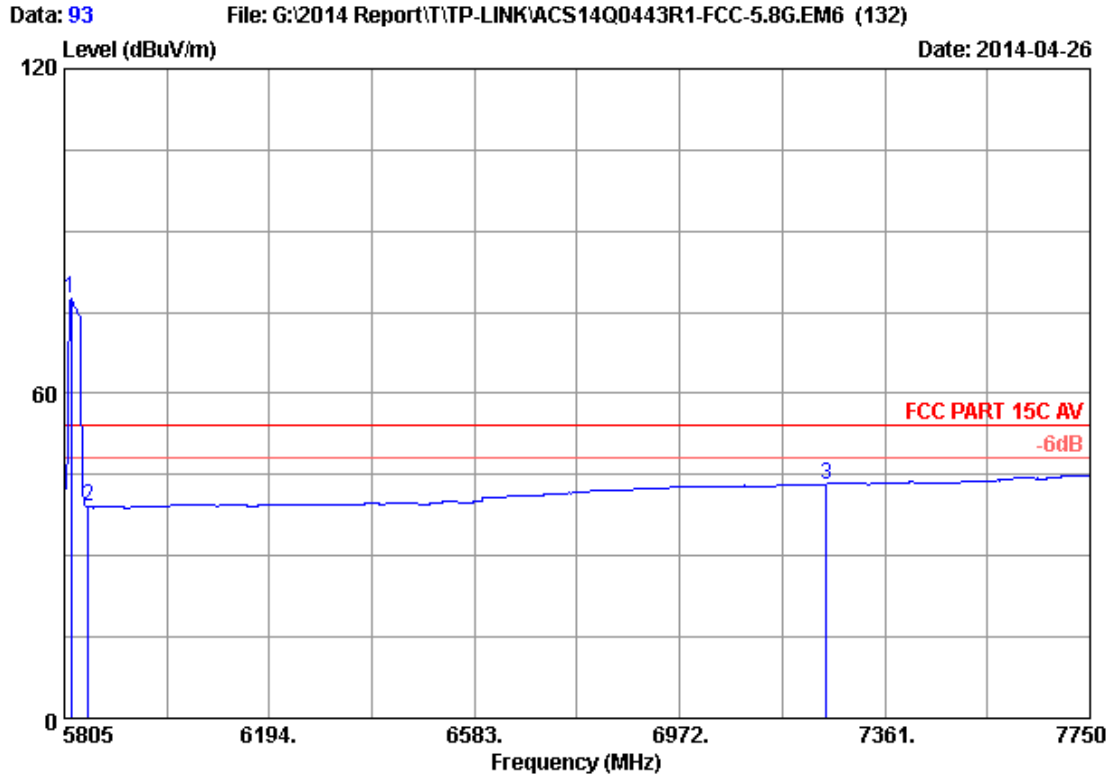
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 92
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5820.560	34.13	9.62	35.70	80.98	89.03	74.00	-15.03	Peak
2	5850.000	34.14	9.66	35.70	42.53	50.63	74.00	23.37	Peak
3	7250.000	36.05	10.99	35.45	43.78	55.37	74.00	18.63	Peak

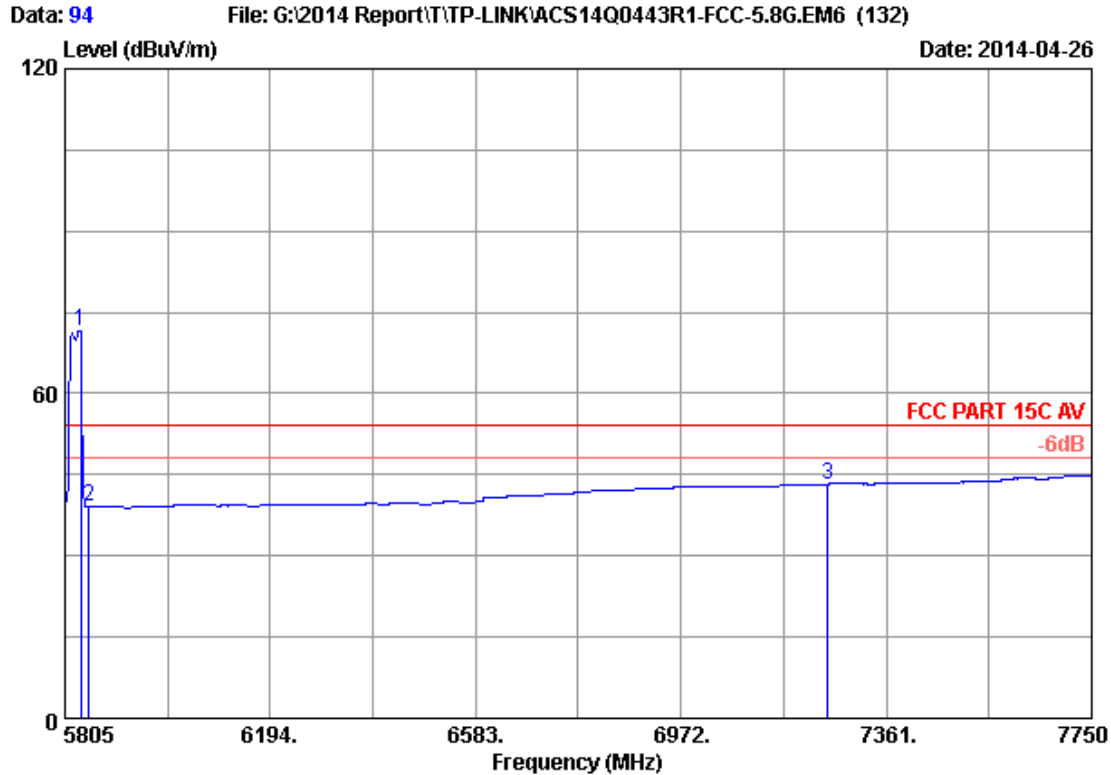
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 93
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5818.615	34.13	9.62	35.70	69.49	77.54	54.00	-23.54	Average
2	5850.000	34.14	9.66	35.70	30.91	39.01	54.00	14.99	Average
3	7250.000	36.05	10.99	35.45	31.69	43.28	54.00	10.72	Average

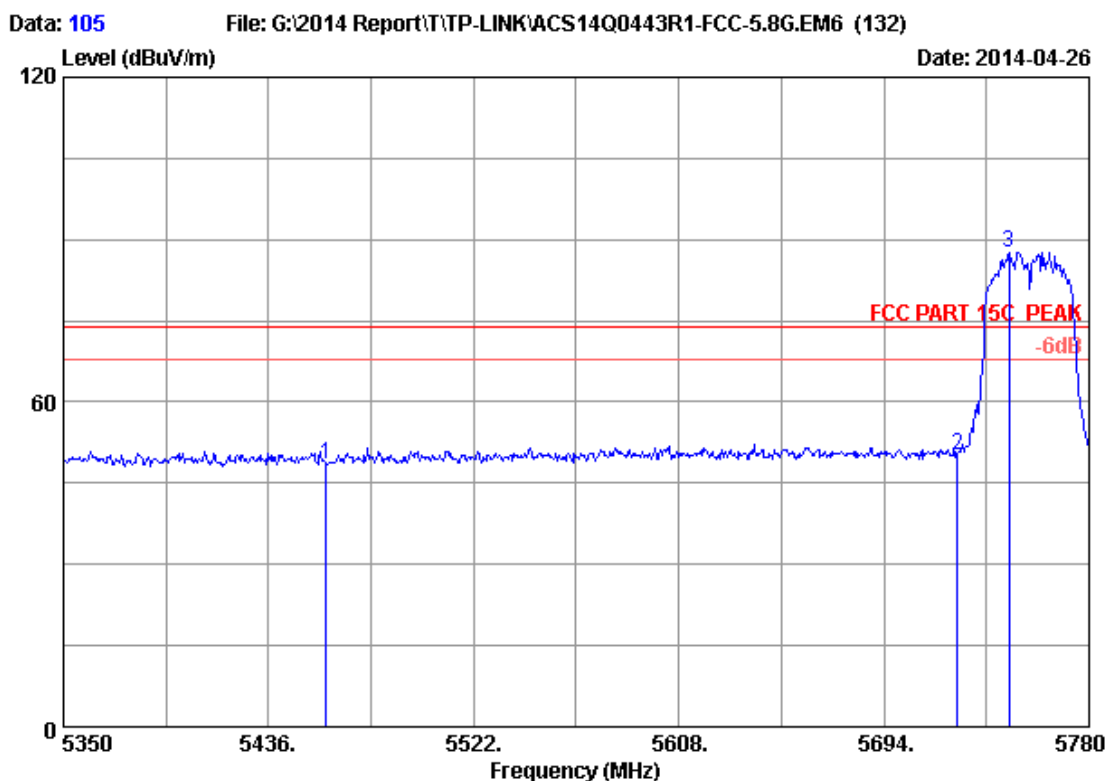
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 94
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5834.175	34.13	9.64	35.70	63.32	71.39	54.00	-17.39	Average
2	5850.000	34.14	9.66	35.70	30.87	38.97	54.00	15.03	Average
3	7250.000	36.05	10.99	35.45	31.68	43.27	54.00	10.73	Average

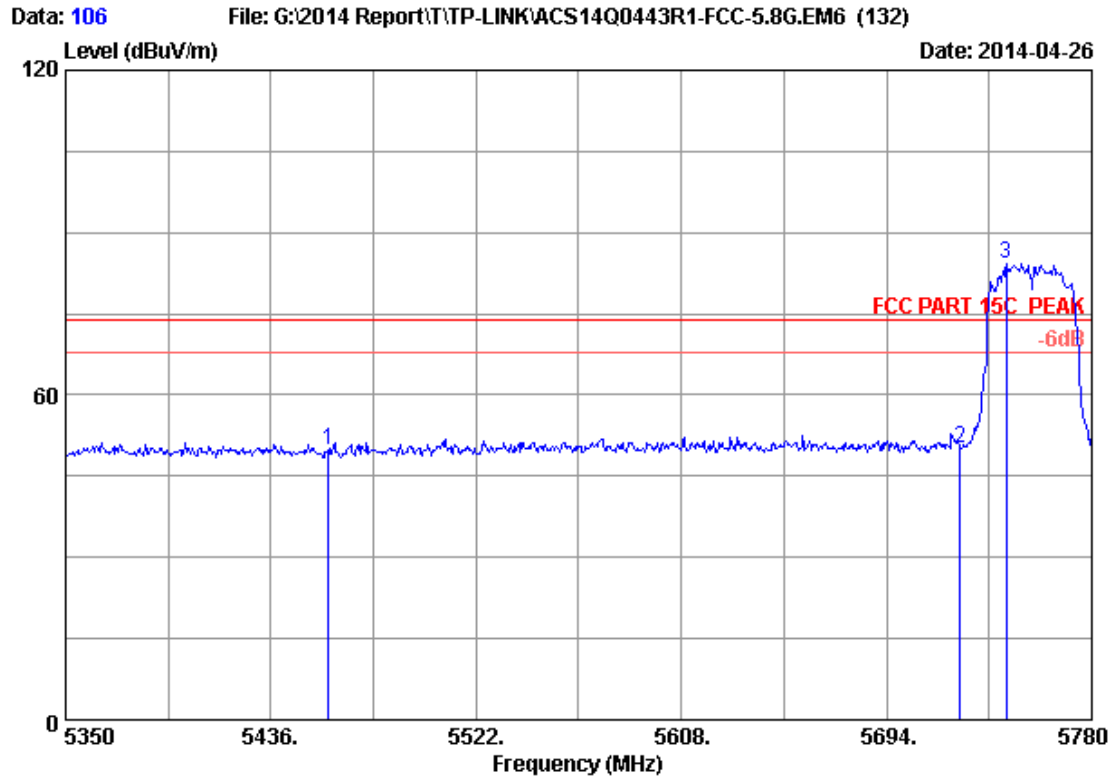
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 105
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	41.13	48.62	74.00	25.38	Peak
2	5725.000	34.09	9.52	35.70	42.07	49.98	74.00	24.02	Peak
3	5746.460	34.10	9.55	35.70	79.76	87.71	74.00	-13.71	Peak

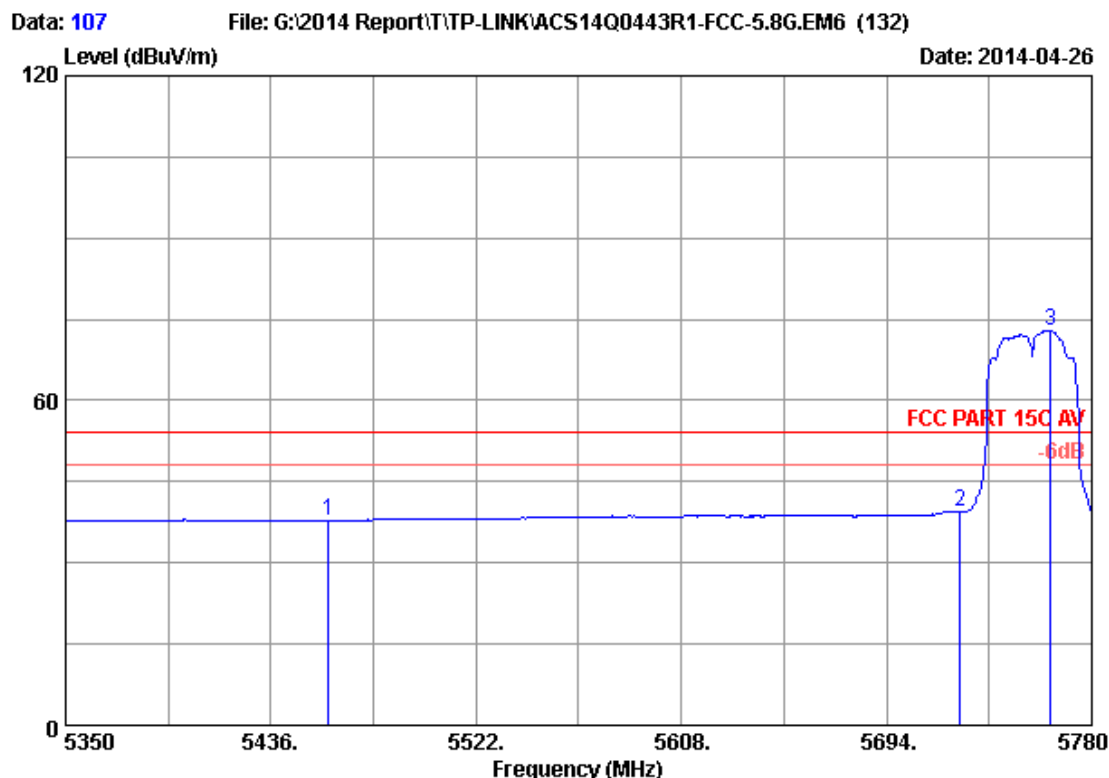
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 106
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	42.16	49.65	74.00	24.35	Peak
2	5725.000	34.09	9.52	35.70	42.14	50.05	74.00	23.95	Peak
3	5744.310	34.10	9.54	35.70	76.31	84.25	74.00	-10.25	Peak

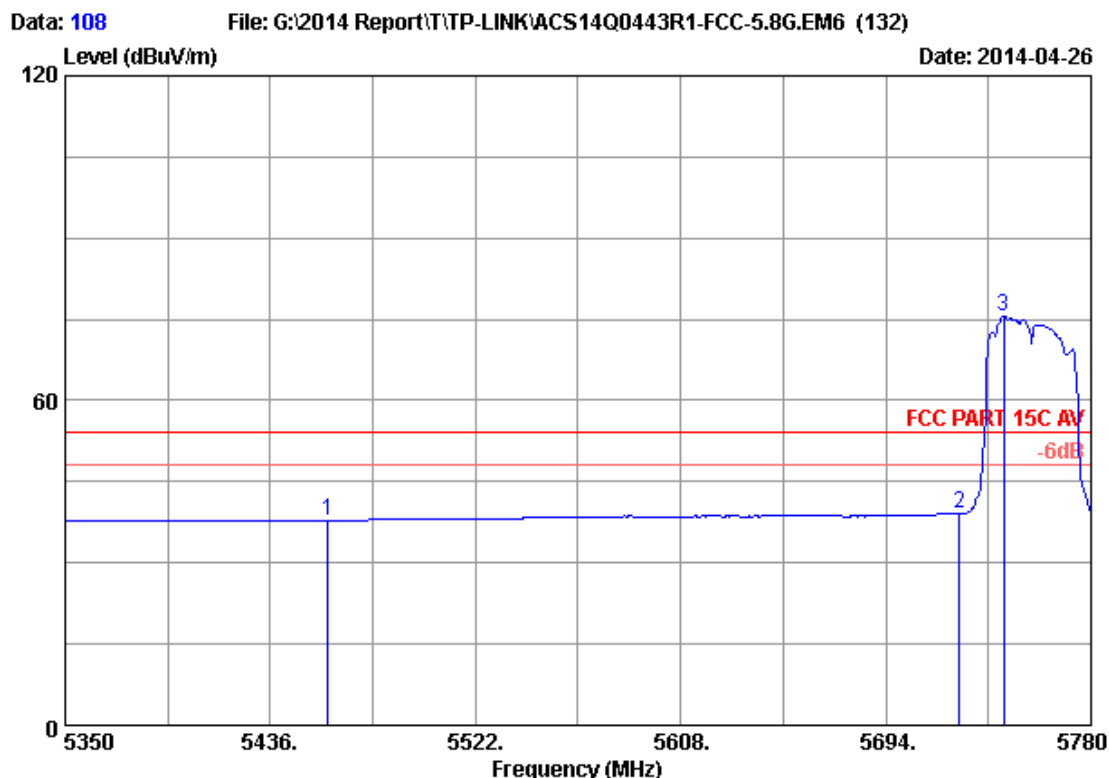
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 107
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : AC600 Wireless Dual Band USB Adapter
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.32	37.81	54.00	16.19	Average
2	5725.000	34.09	9.52	35.70	31.39	39.30	54.00	14.70	Average
3	5762.800	34.11	9.56	35.70	65.01	72.98	54.00	-18.98	Average

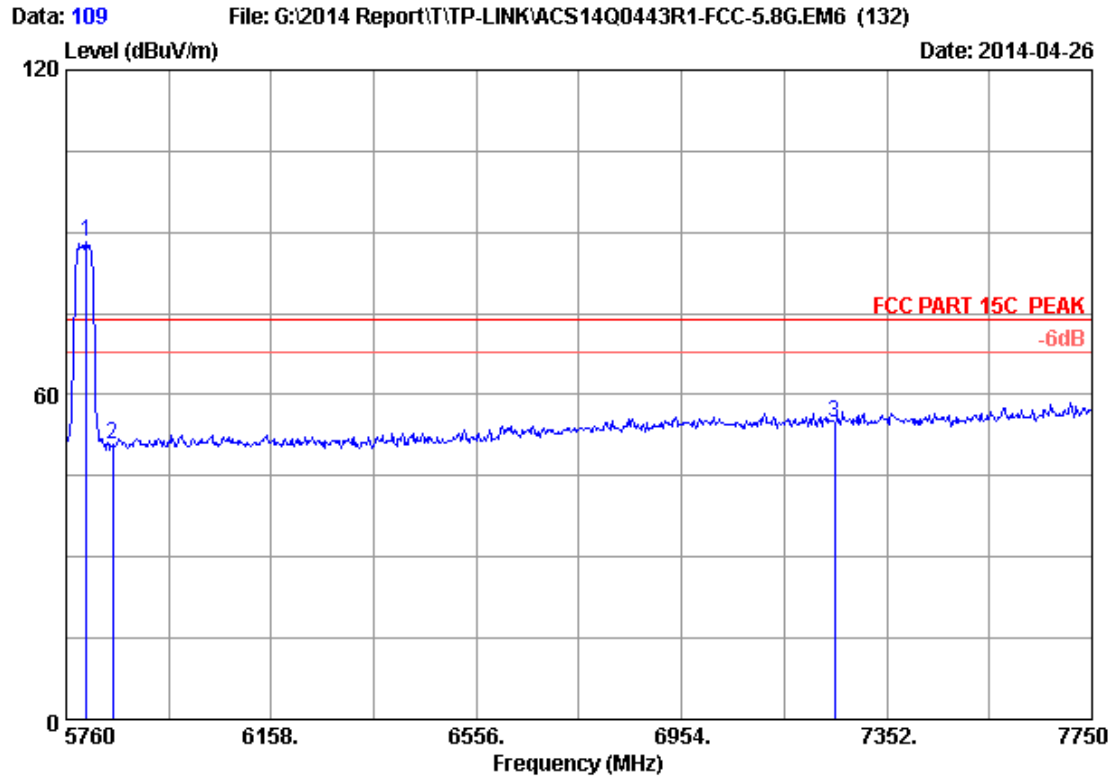
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.



Site no. : 3m Chamber Data no. : 108
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.32	37.81	54.00	16.19	Average
2	5725.000	34.09	9.52	35.70	31.28	39.19	54.00	14.81	Average
3	5743.450	34.10	9.54	35.70	67.57	75.51	54.00	-21.51	Average

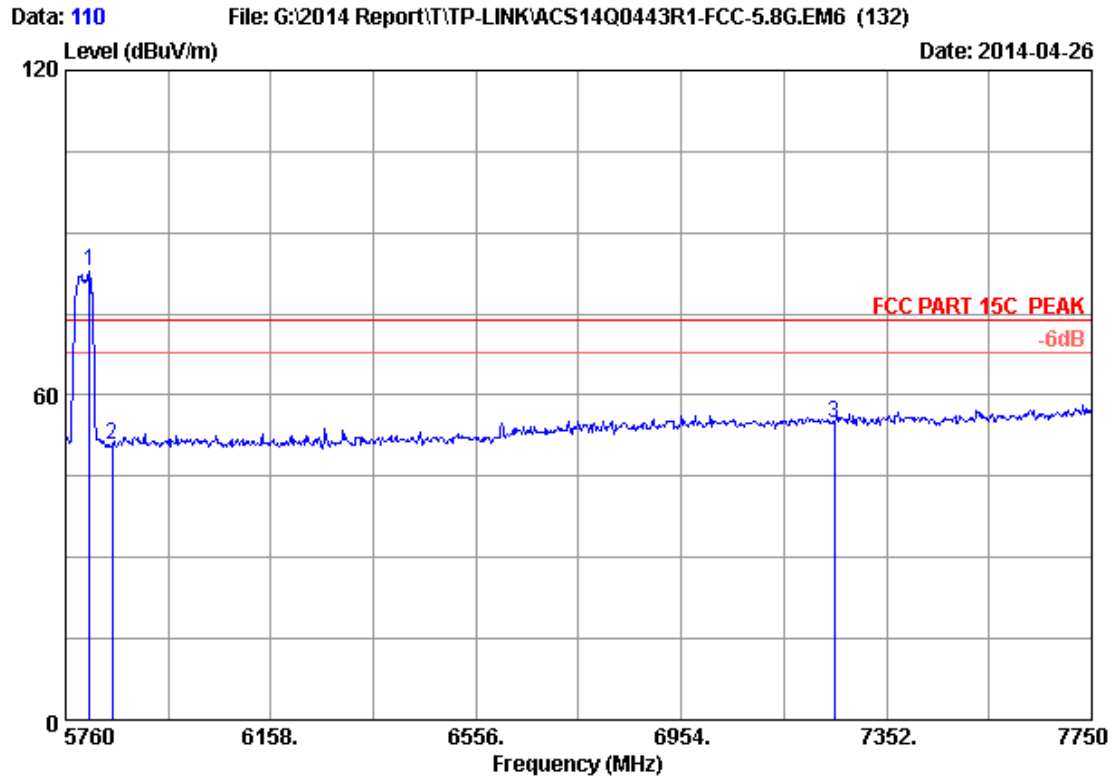
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 109
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	5799.800	34.12	9.60	35.70	80.13	88.15	74.00	-14.15	Peak
2	5850.000	34.14	9.66	35.70	42.68	50.78	74.00	23.22	Peak
3	7250.000	36.05	10.99	35.45	43.32	54.91	74.00	19.09	Peak

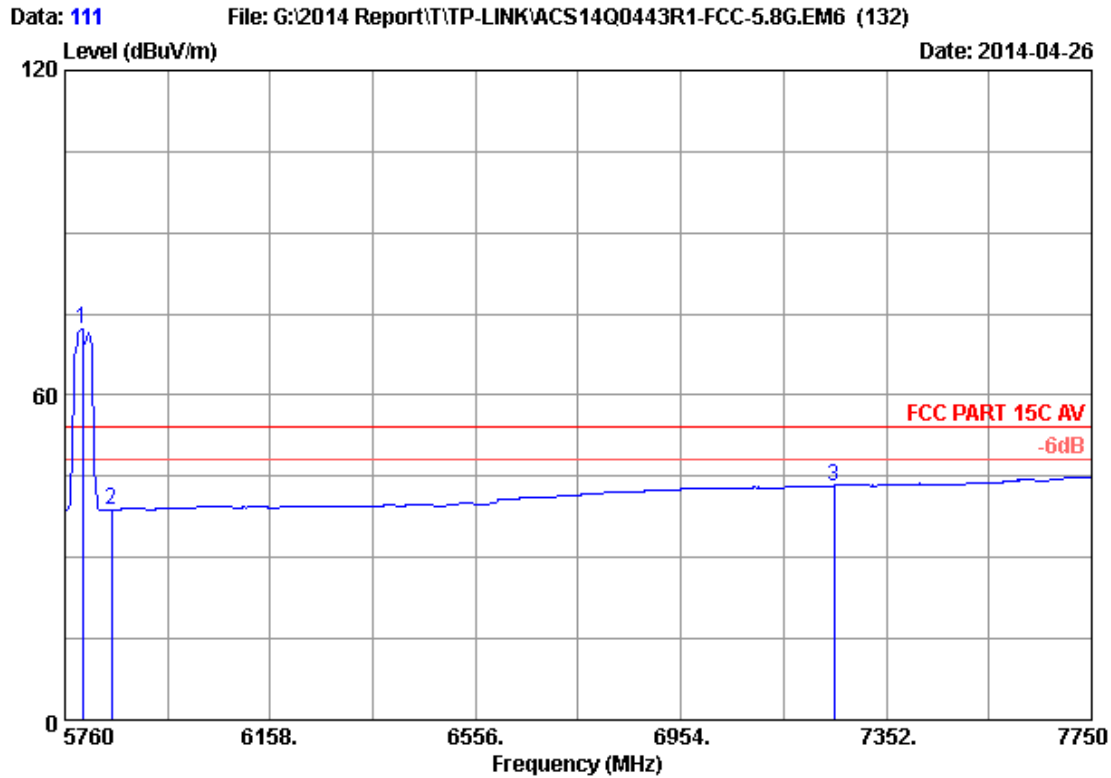
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 110
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5805.770	34.12	9.61	35.70	75.00	83.03	74.00	-9.03	Peak
2	5850.000	34.14	9.66	35.70	42.70	50.80	74.00	23.20	Peak
3	7250.000	36.05	10.99	35.45	43.23	54.82	74.00	19.18	Peak

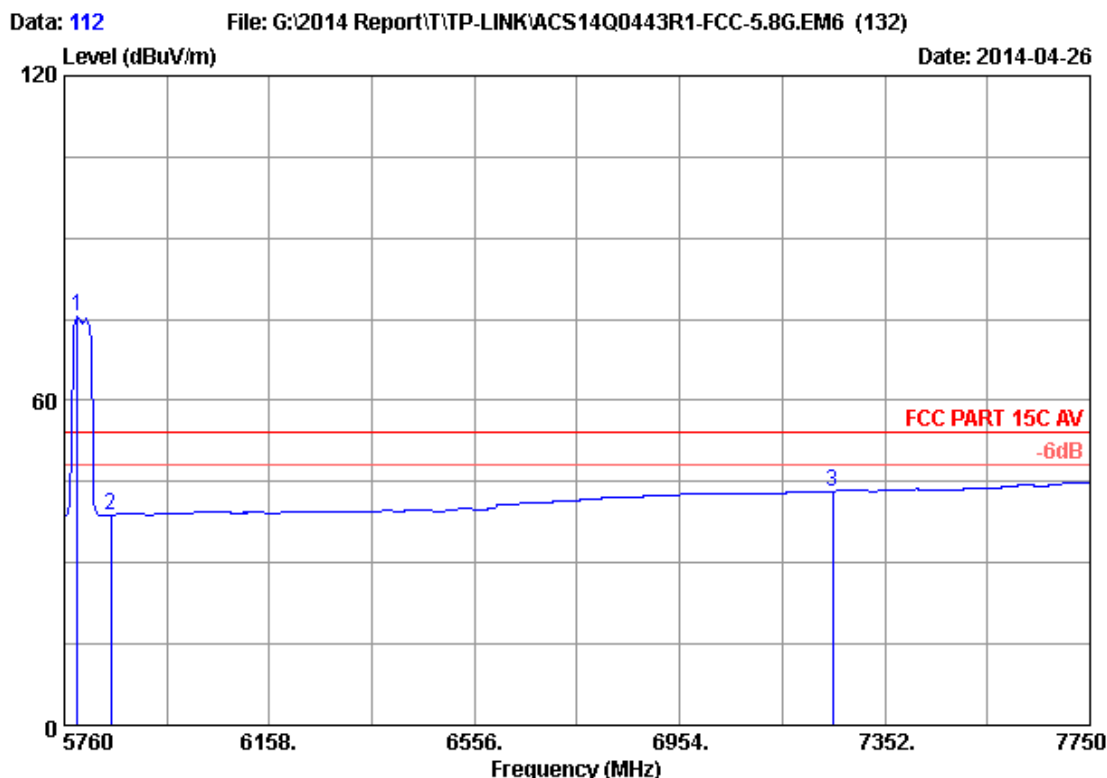
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 111
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5793.830	34.12	9.60	35.70	64.14	72.16	54.00	-18.16	Average
2	5850.000	34.14	9.66	35.70	30.67	38.77	54.00	15.23	Average
3	7250.000	36.05	10.99	35.45	31.67	43.26	54.00	10.74	Average

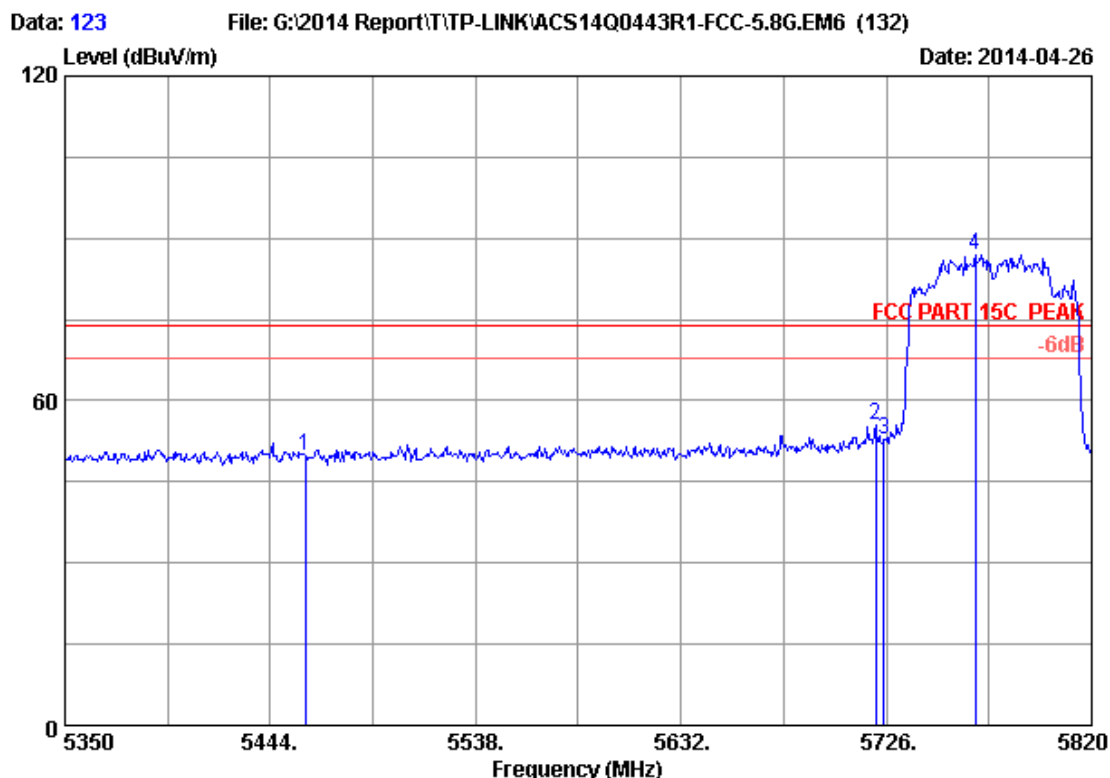
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 112
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.870	34.11	9.59	35.70	67.54	75.54	54.00	-21.54	Average
2	5850.000	34.14	9.66	35.70	30.72	38.82	54.00	15.18	Average
3	7250.000	36.05	10.99	35.45	31.64	43.23	54.00	10.77	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.



Site no. : 3m Chamber Data no. : 123
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

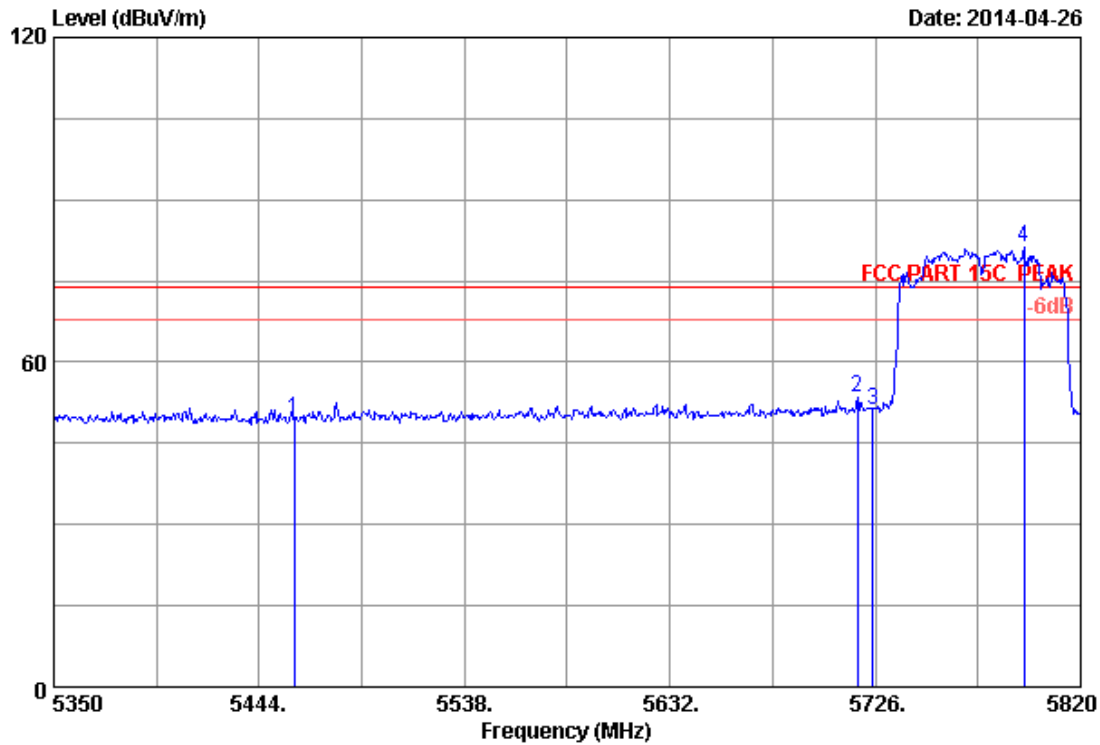
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	42.31	49.80	74.00	24.20	Peak
2	5721.300	34.09	9.52	35.70	47.72	55.63	74.00	18.37	Peak
3	5725.000	34.09	9.52	35.70	44.77	52.68	74.00	21.32	Peak
4	5766.890	34.11	9.57	35.70	79.05	87.03	74.00	-13.03	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.

Data: 124

File: G:\2014 Report\TP-LINK\ACS14Q0443R1-FCC-5.8G.EM6 (132)

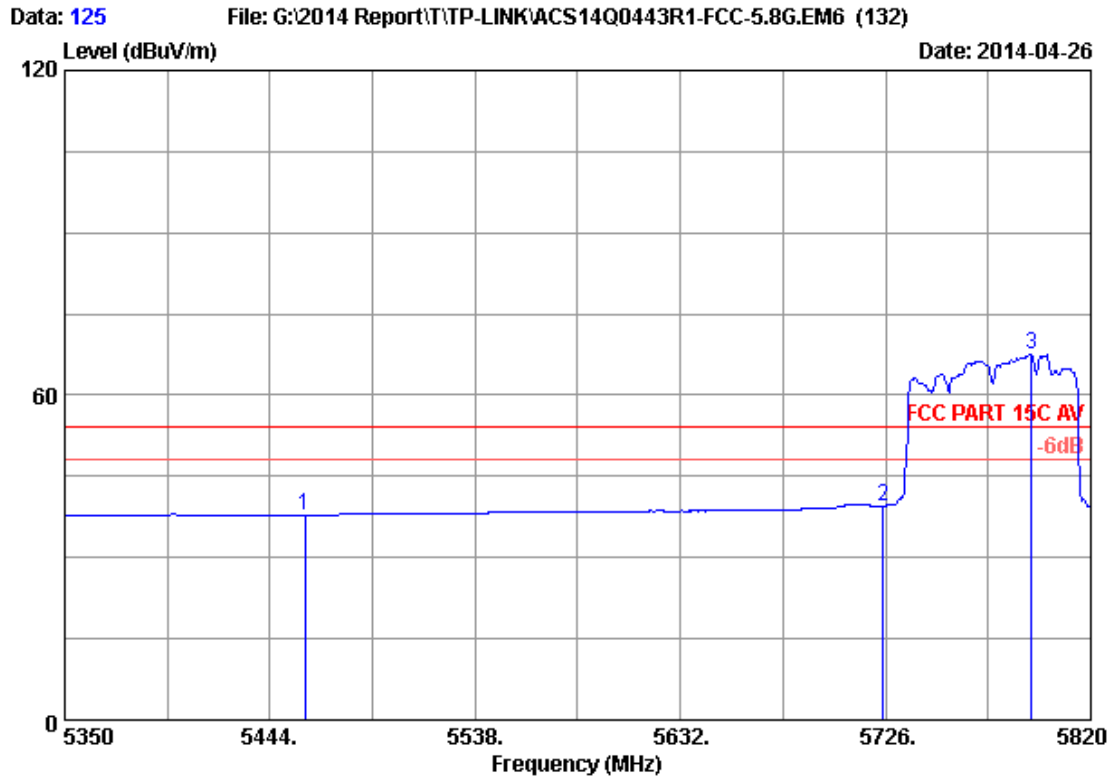
Date: 2014-04-26



Site no. : 3m Chamber Data no. : 124
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	42.14	49.63	74.00	24.37	Peak
2	5718.010	34.09	9.52	35.70	45.52	53.43	74.00	20.57	Peak
3	5725.000	34.09	9.52	35.70	43.39	51.30	74.00	22.70	Peak
4	5794.150	34.12	9.60	35.70	73.14	81.16	74.00	-7.16	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.



Site no. : 3m Chamber Data no. : 125
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

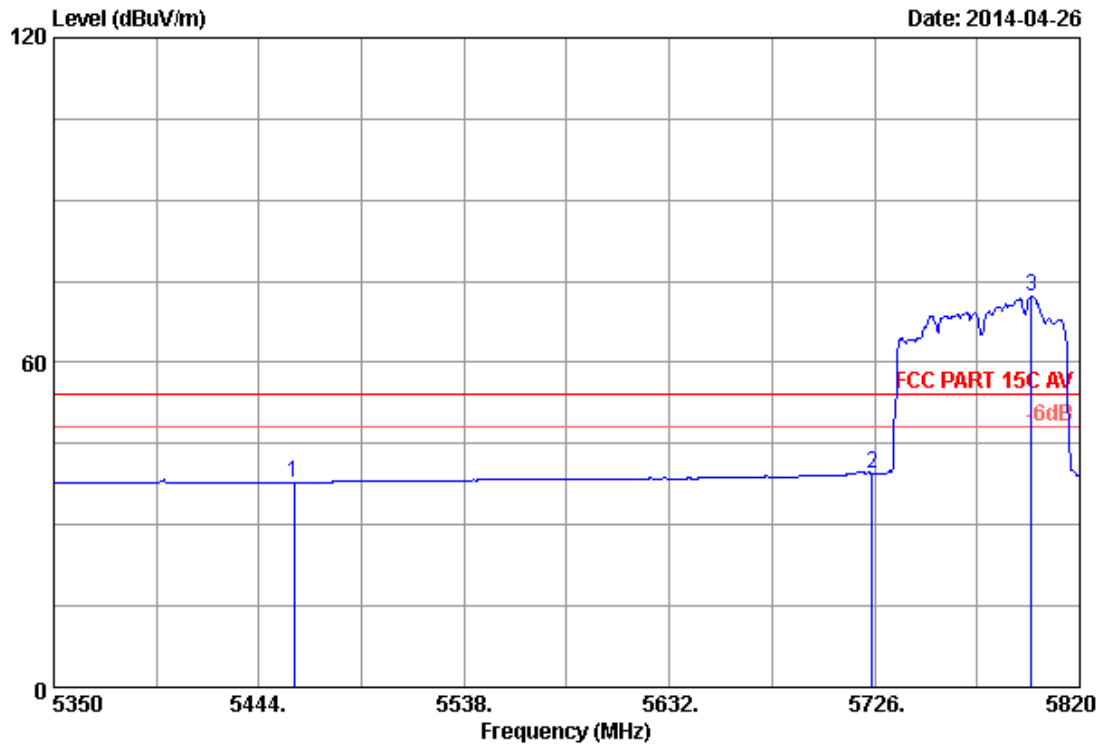
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.37	37.86	54.00	16.14	Average
2	5725.000	34.09	9.52	35.70	31.53	39.44	54.00	14.56	Average
3	5792.740	34.12	9.60	35.70	59.48	67.50	54.00	-13.50	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.

Data: 126

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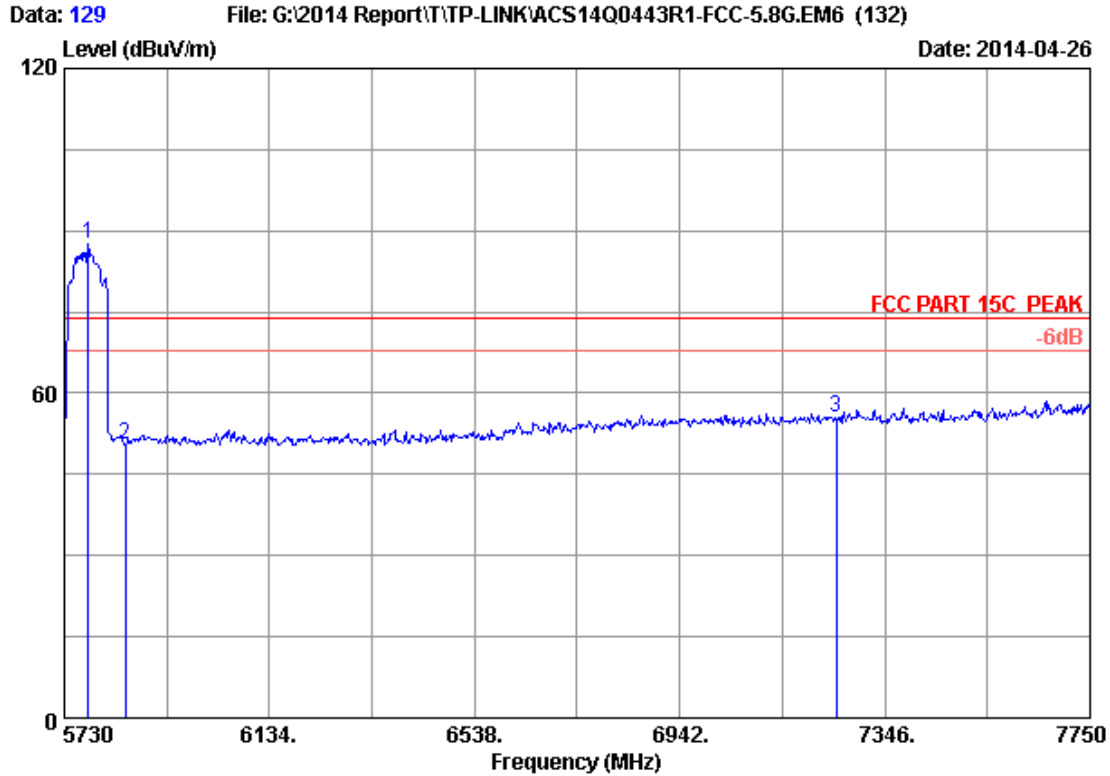
Date: 2014-04-26



Site no. : 3m Chamber Data no. : 126
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5460.000	33.94	9.25	35.70	30.32	37.81	54.00	16.19	Average
2	5725.000	34.09	9.52	35.70	31.68	39.59	54.00	14.41	Average
3	5797.910	34.12	9.60	35.70	64.34	72.36	54.00	-18.36	Average

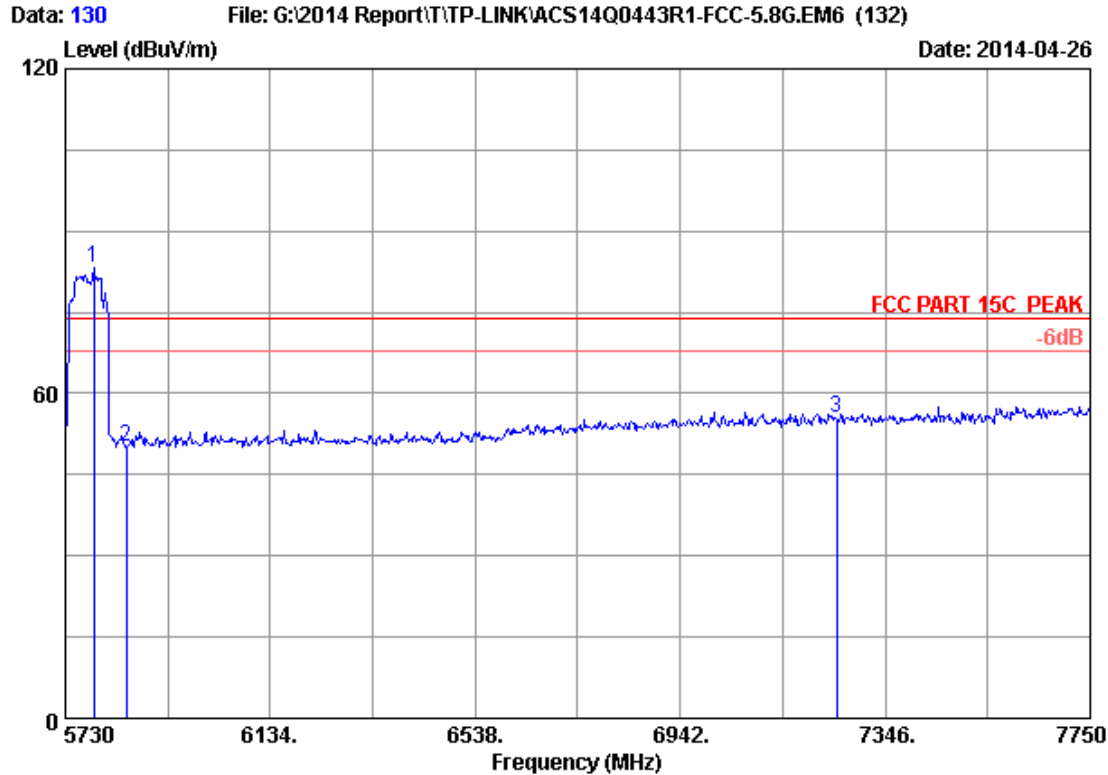
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 129
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5776.460	34.11	9.58	35.70	79.46	87.45	74.00	-13.45	Peak
2	5850.000	34.14	9.66	35.70	42.32	50.42	74.00	23.58	Peak
3	7250.000	36.05	10.99	35.45	43.76	55.35	74.00	18.65	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.



Site no. : 3m Chamber Data no. : 130
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

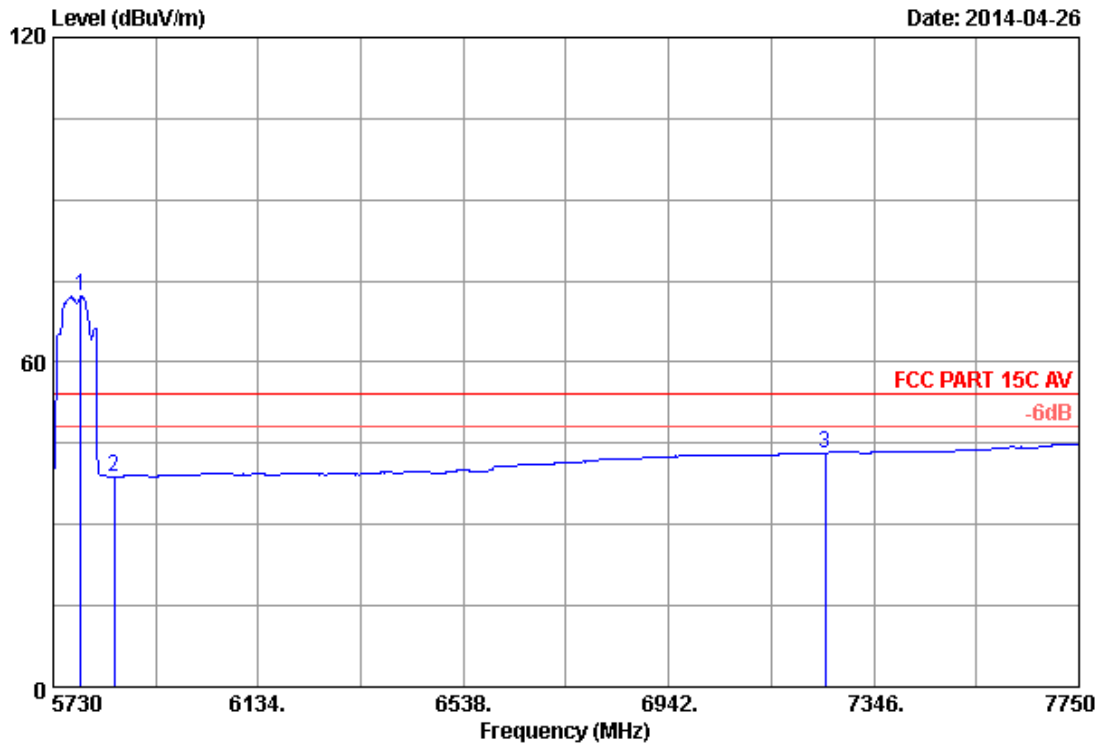
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5786.560	34.11	9.59	35.70	75.28	83.28	74.00	-9.28	Peak
2	5850.000	34.14	9.66	35.70	42.16	50.26	74.00	23.74	Peak
3	7250.000	36.05	10.99	35.45	43.99	55.58	74.00	18.42	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.

Data: 131

File: G:\2014 Report\T\TP-LINK\ACS14Q0443R1-FCC-5.8G.EM6 (132)

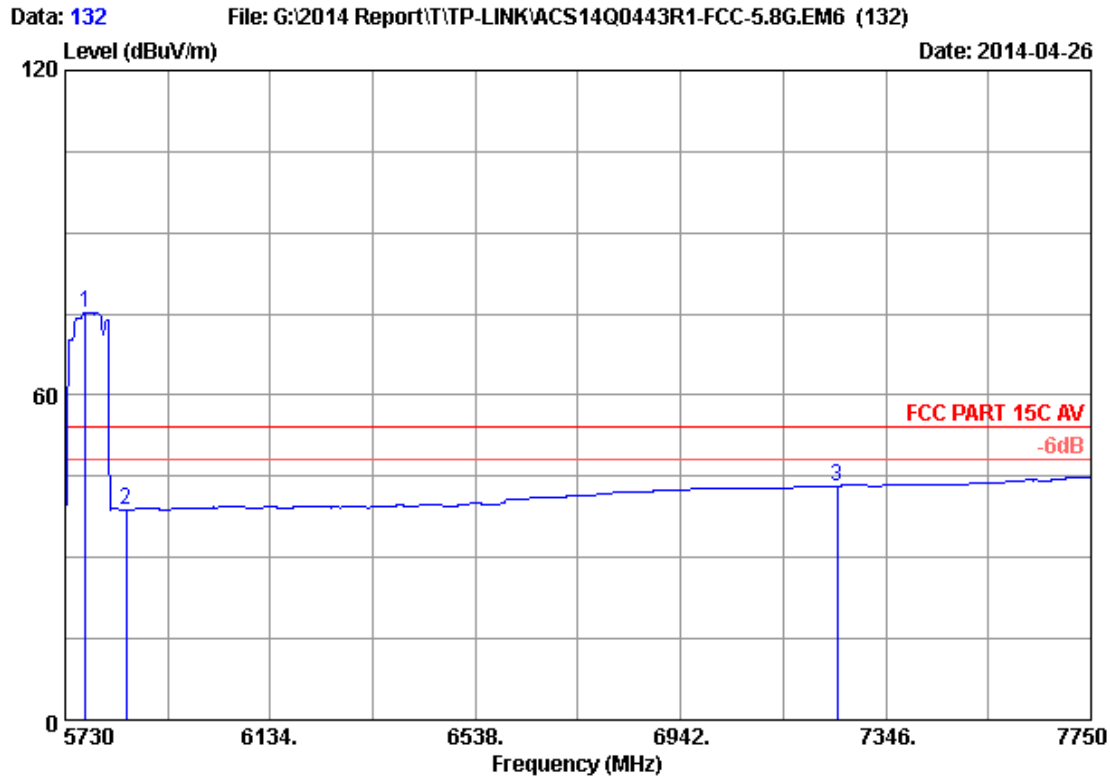
Date: 2014-04-26



Site no. : 3m Chamber Data no. : 131
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5784.540	34.11	9.59	35.70	64.21	72.21	54.00	-18.21	Average
2	5850.000	34.14	9.66	35.70	30.63	38.73	54.00	15.27	Average
3	7250.000	36.05	10.99	35.45	31.61	43.20	54.00	10.80	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.



Site no. : 3m Chamber Data no. : 132
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : AC600 Wireless Dual Band USB Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : T2U

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5770.400	34.11	9.57	35.70	67.37	75.35	54.00	-21.35	Average
2	5850.000	34.14	9.66	35.70	30.77	38.87	54.00	15.13	Average
3	7250.000	36.05	10.99	35.45	31.61	43.20	54.00	10.80	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 Test

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2	Antenna	EMCO	3115	9607-4877	May.08, 13	1 Year
3	HF Cable	Hubersuhner	Sucoflex104	-	May.08, 13	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 300kHz RBW and 1MHz 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

2.4G:

EUT:AC600 Wireless Dual Band USB Adapter		
M/N:T2U		
Test date: 2014-03-30	Pressure: 101.2±1.0 kpa	Humidity: 49.8±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature: 22.7±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH	6dB bandwidth (MHz)	Limit (KHz)
11b	CH1	9.713	>500
	CH6	10.10	>500
	CH11	10.08	>500
11g	CH1	16.40	>500
	CH6	16.40	>500
	CH11	16.35	>500
11n HT20	CH1	17.52	>500
	CH6	17.51	>500
	CH11	17.55	>500
11n HT40	CH1	35.70	>500
	CH4	35.88	>500
	CH7	35.99	>500
Conclusion : PASS			

Band 4: 5725MHz-5850MHz

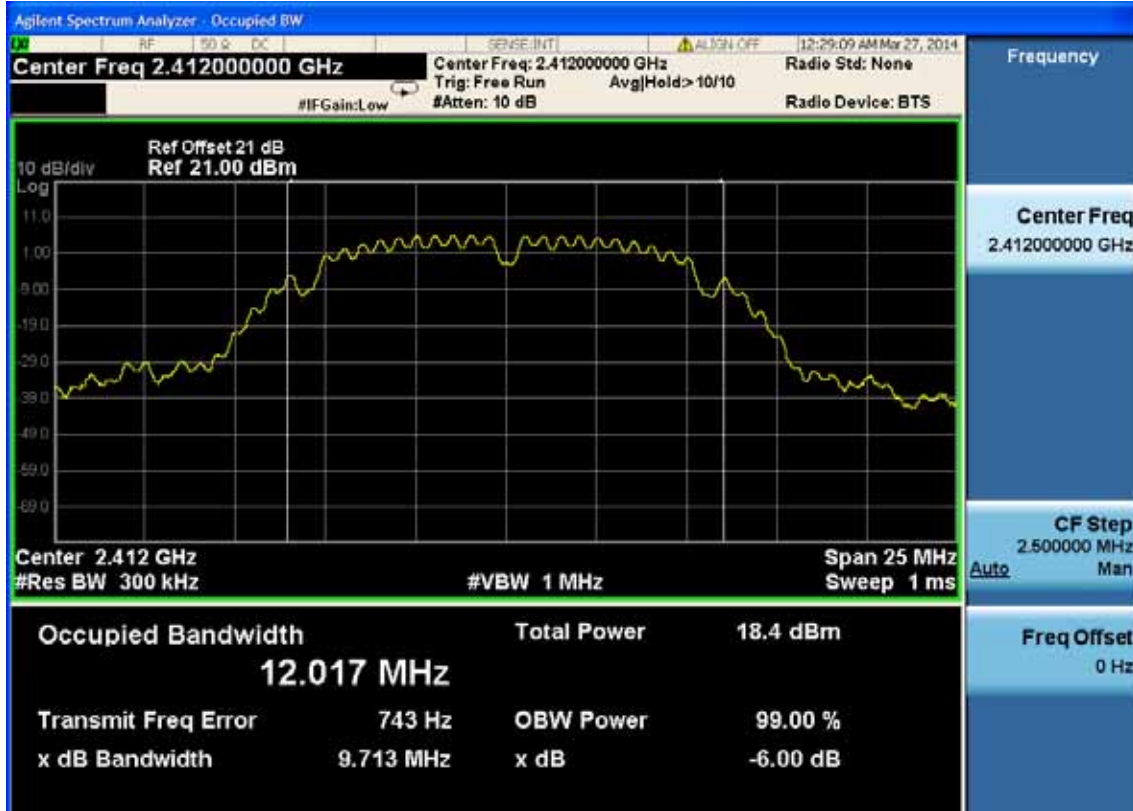
EUT:AC600 Wireless Dual Band USB Adapter		
M/N:T2U		
Test date: 2014-04-05	Pressure: 101.3±1.0 kpa	Humidity:53.2±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.4±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	6dB bandwidth (MHz)	Limit (KHz)
11a	5745	16.36	>500
	5785	16.42	>500
	5825	16.51	>500
11n HT20	5745	17.62	>500
	5785	17.70	>500
	5825	17.60	>500
11n HT40	5755	34.05	>500
	5795	34.55	>500
11ac VHT20	5745	17.77	>500
	5785	17.66	>500
	5825	17.81	>500
11ac VHT40	5755	32.67	>500
	5795	35.26	>500
11ac VHT80	5775	74.42	>500
Conclusion : PASS			

2.4G:

Test Mode: IEEE 802.11b TX

Test CH1: 2412MHz



Test CH6: 2437MHz

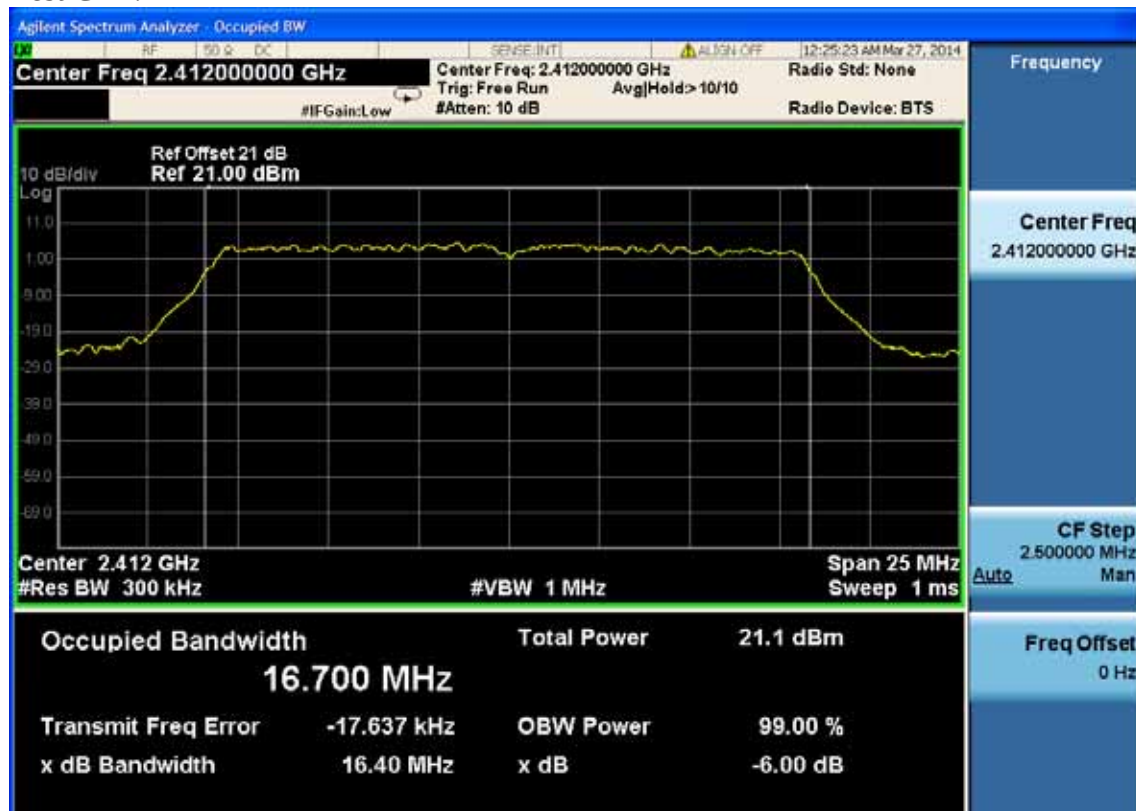


Test CH11: 2462MHz



Test Mode: IEEE 802.11g TX

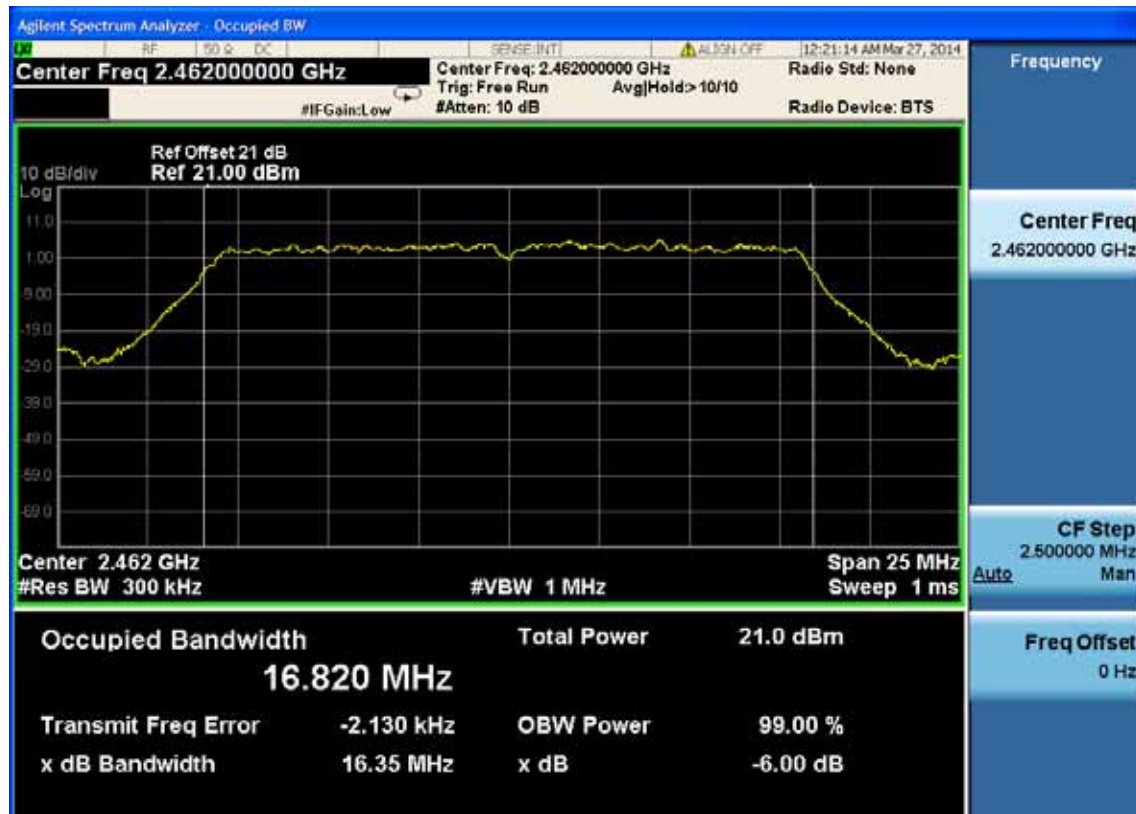
Test CH1: 2412MHz



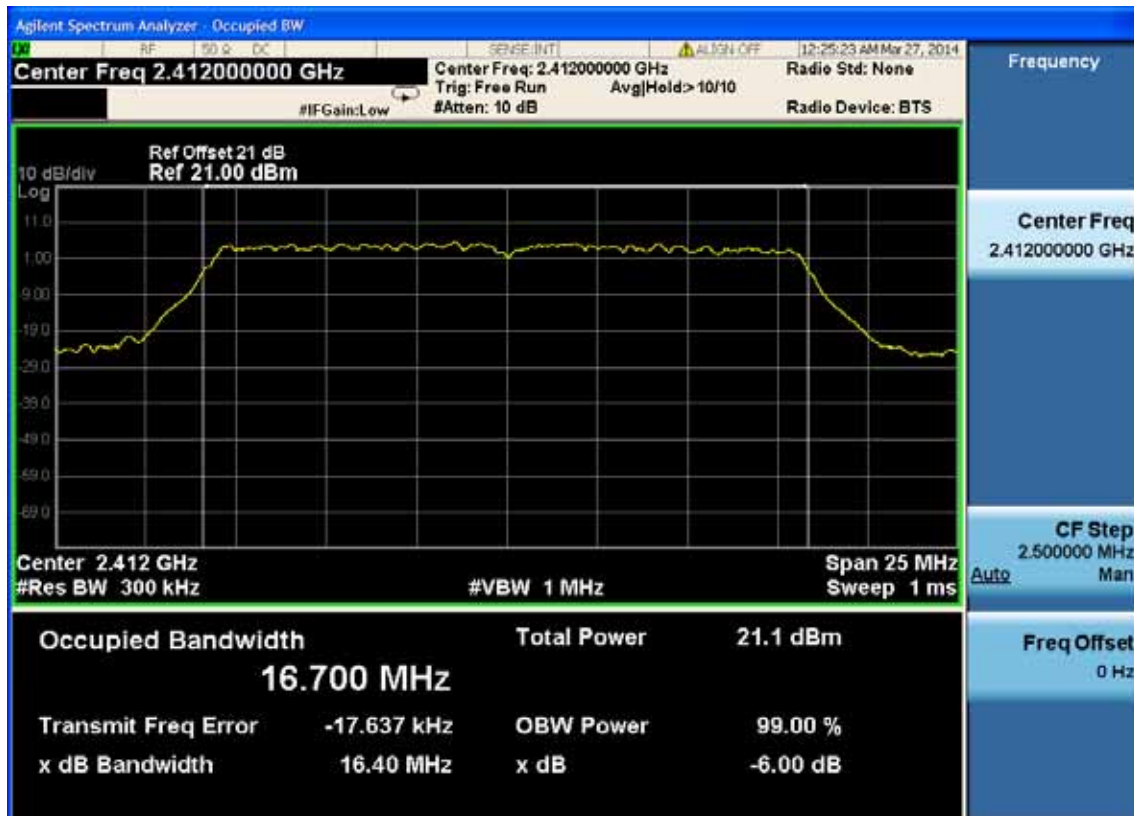
Test CH6: 2437MHz



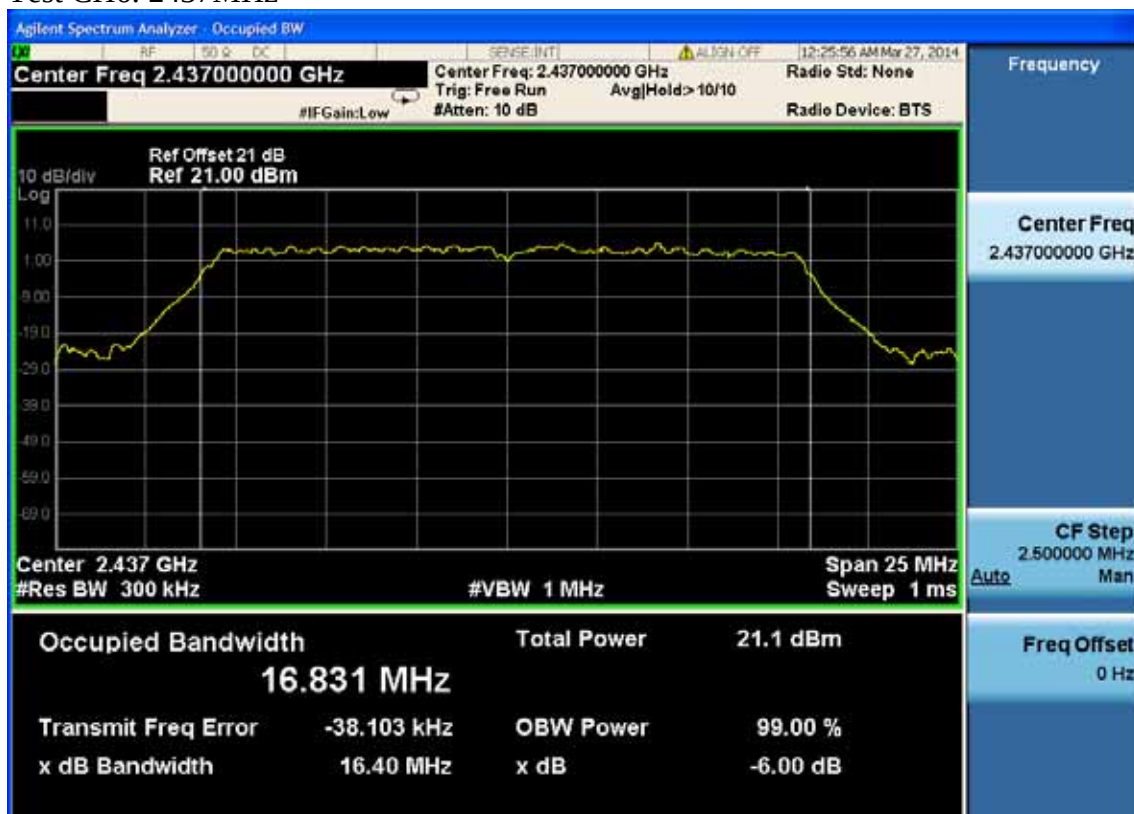
Test CH11: 2462MHz



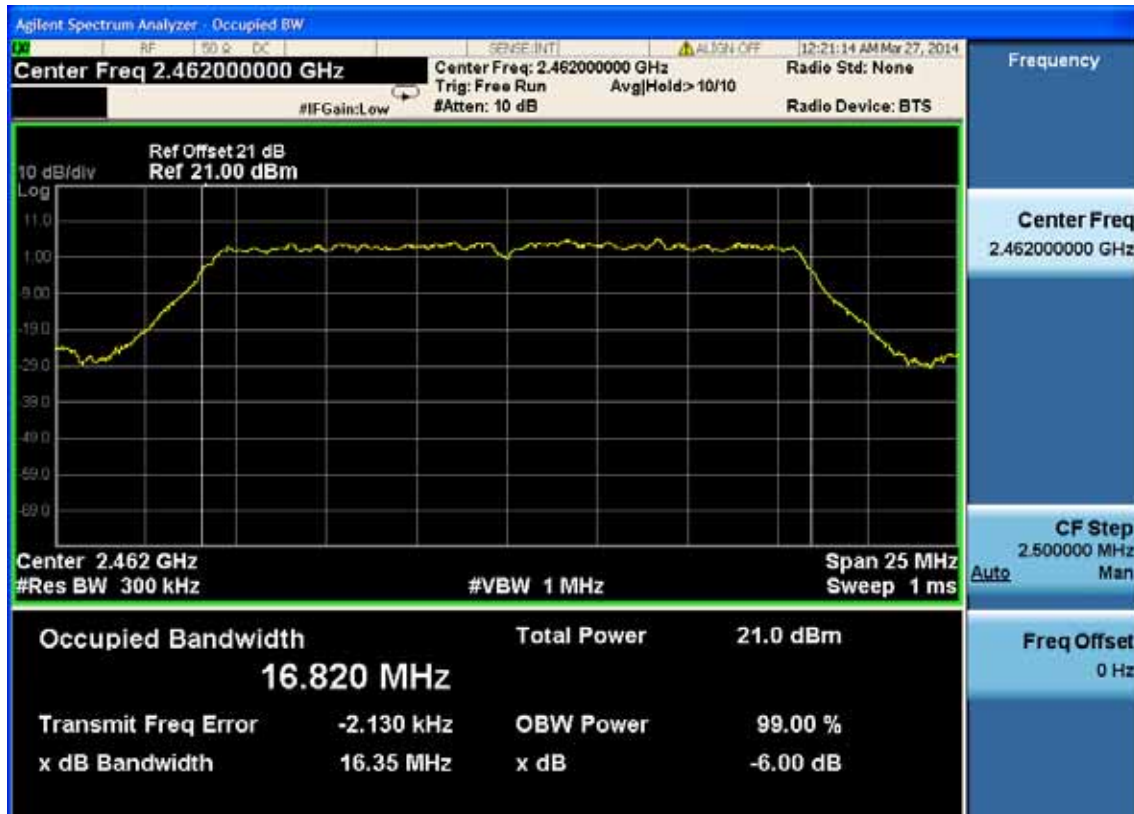
Test Mode: IEEE 802.11n HT20 TX
Test CH1: 2412MHz



Test CH6: 2437MHz

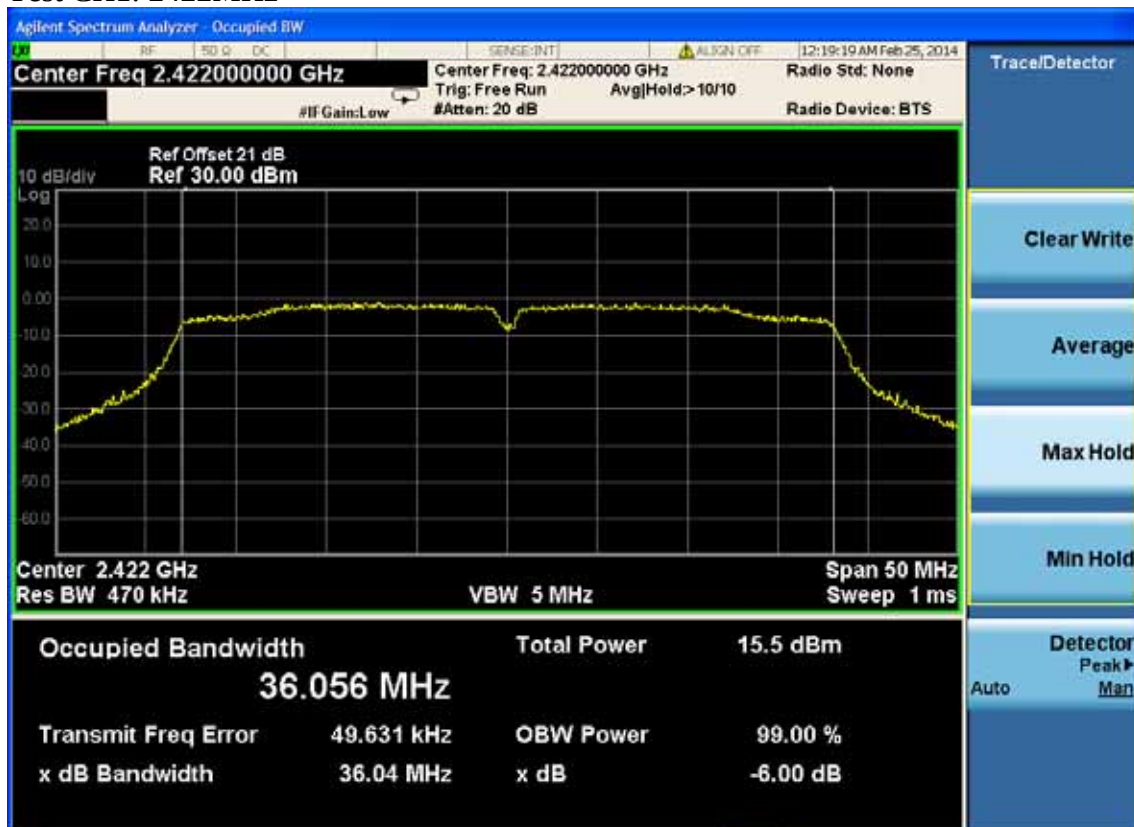


Test CH11: 2462MHz

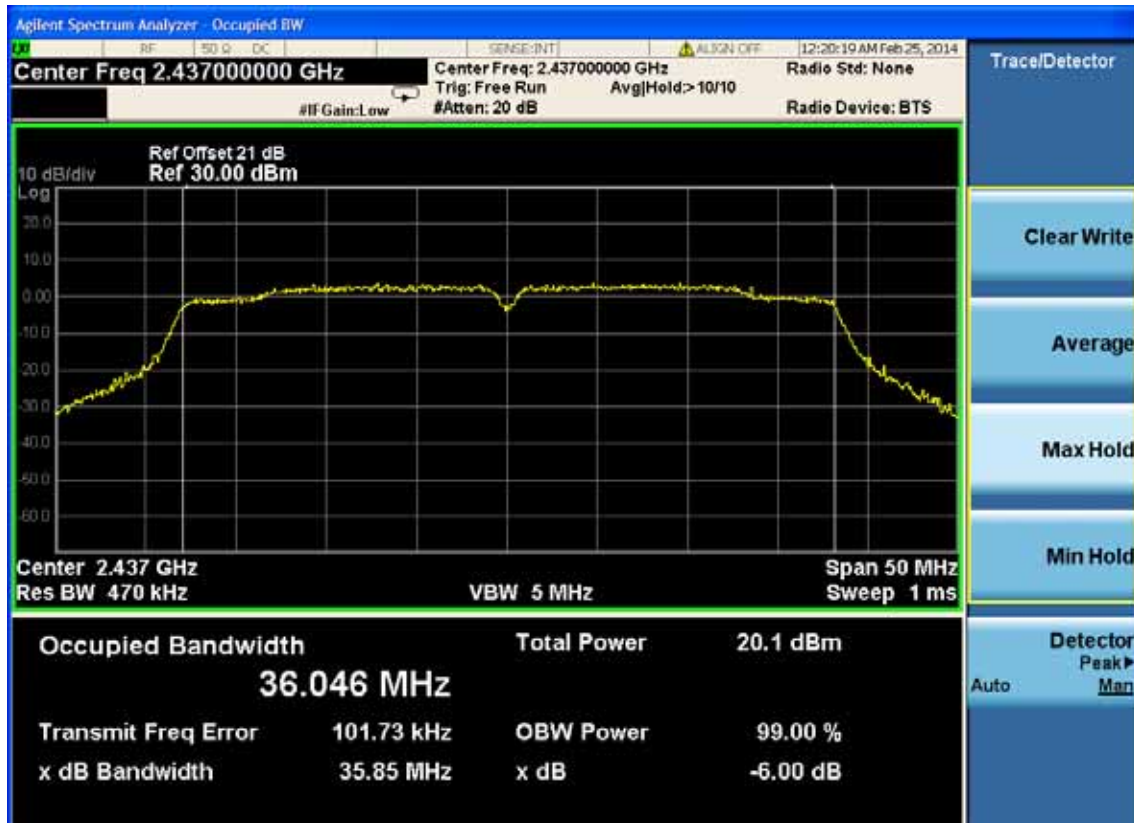


Test Mode: IEEE 802.11n HT40 TX

Test CH1: 2422MHz



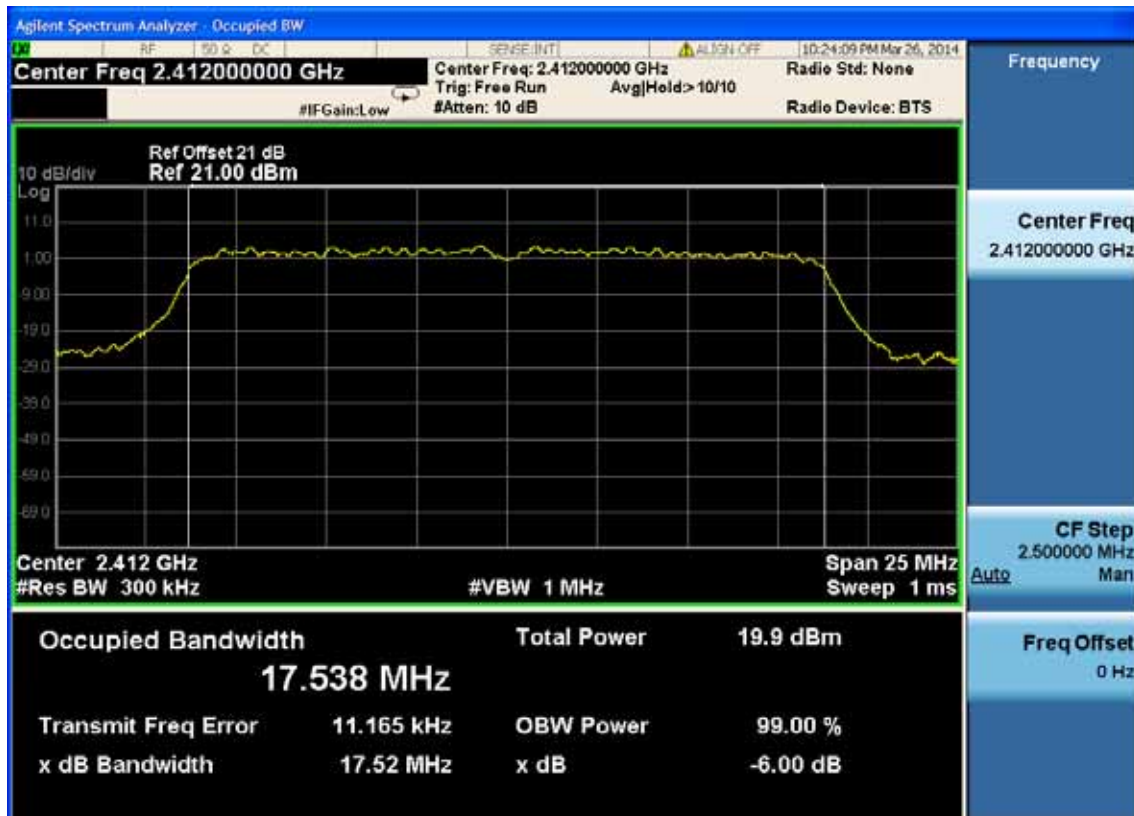
Test CH4: 2437MHz



Test CH7: 2452MHz



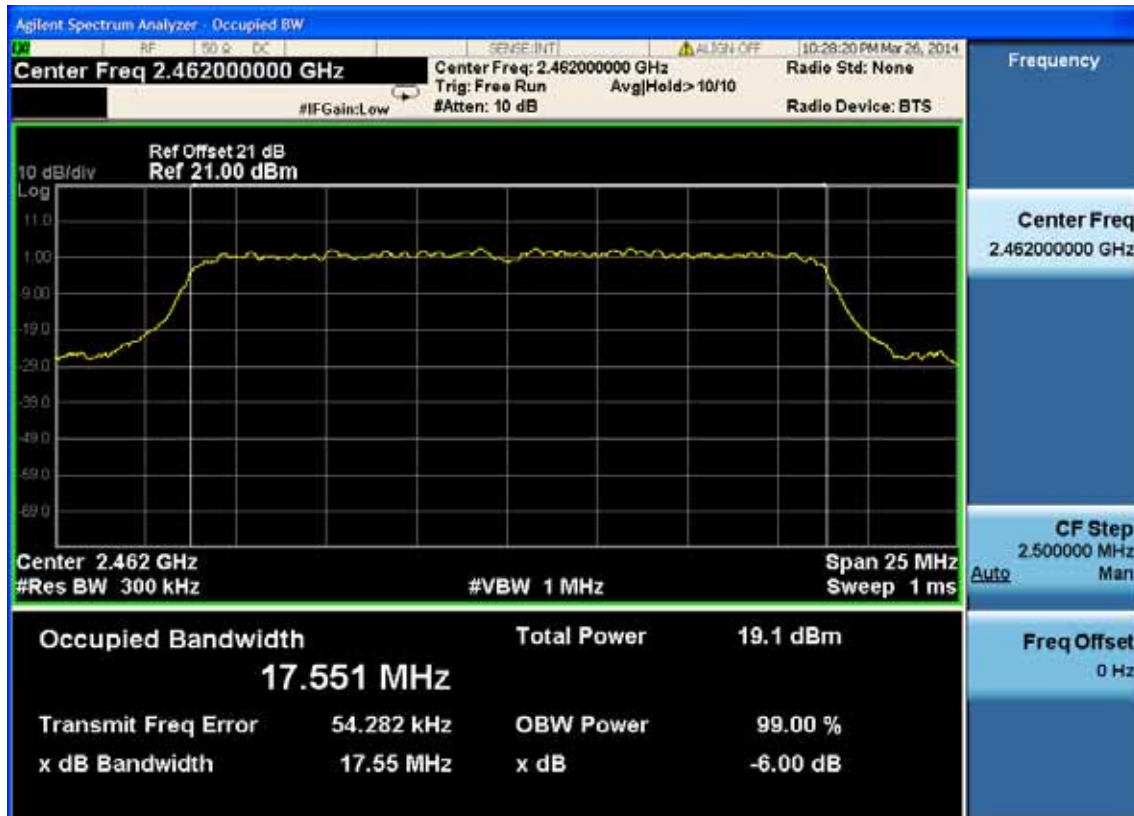
Test Mode: IEEE 802.11n HT20 TX
Test CH1: 2412MHz



Test CH6: 2437MHz

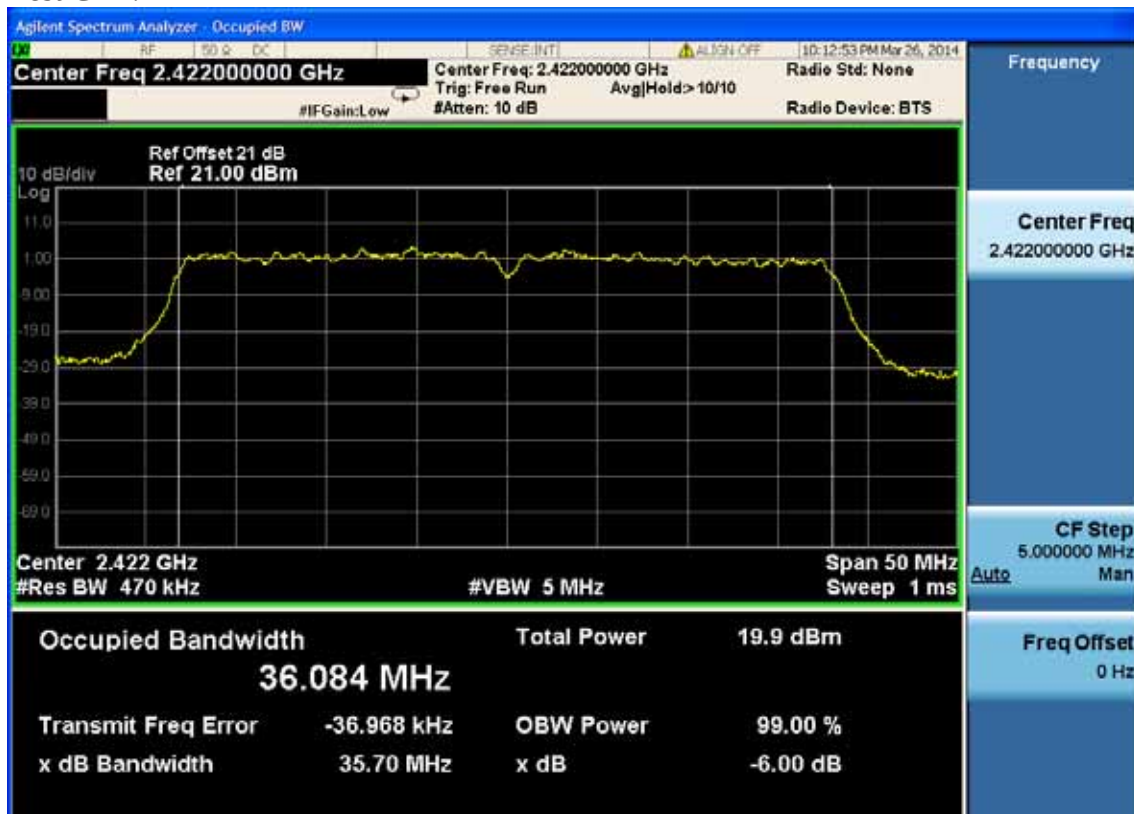


Test CH11: 2462MHz

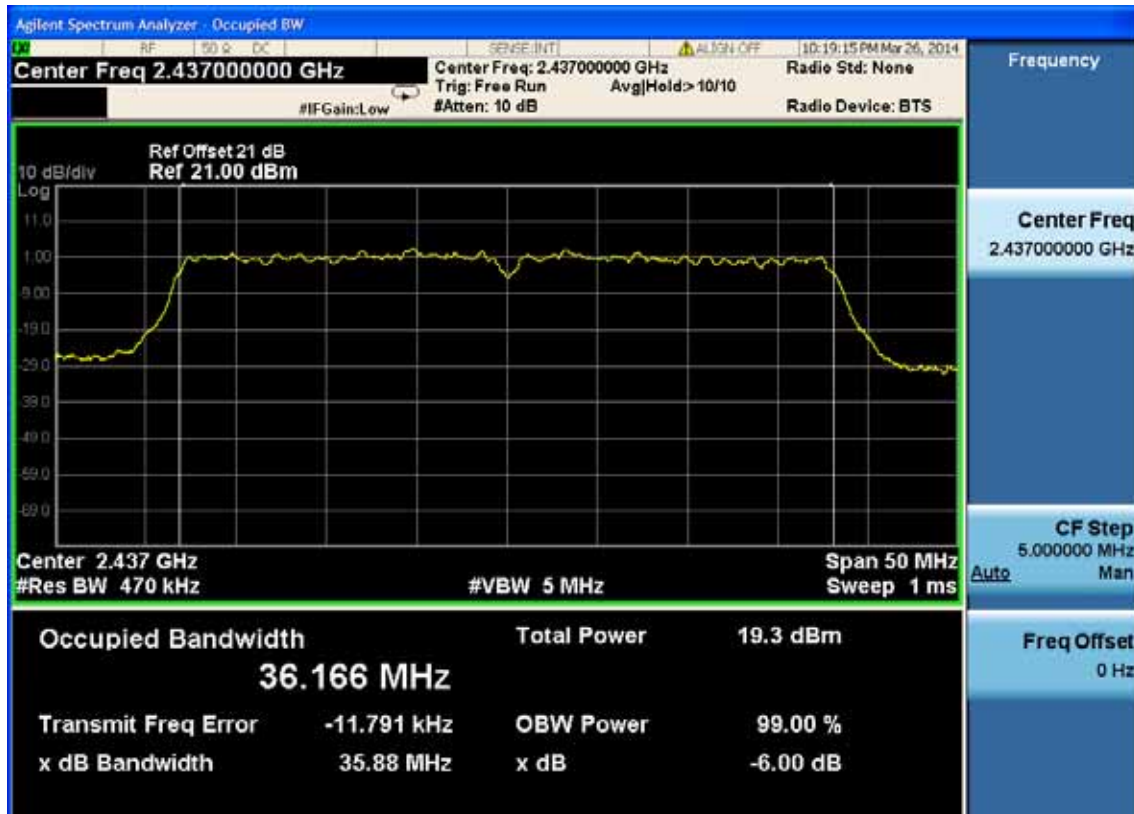


Test Mode: IEEE 802.11n HT40 TX

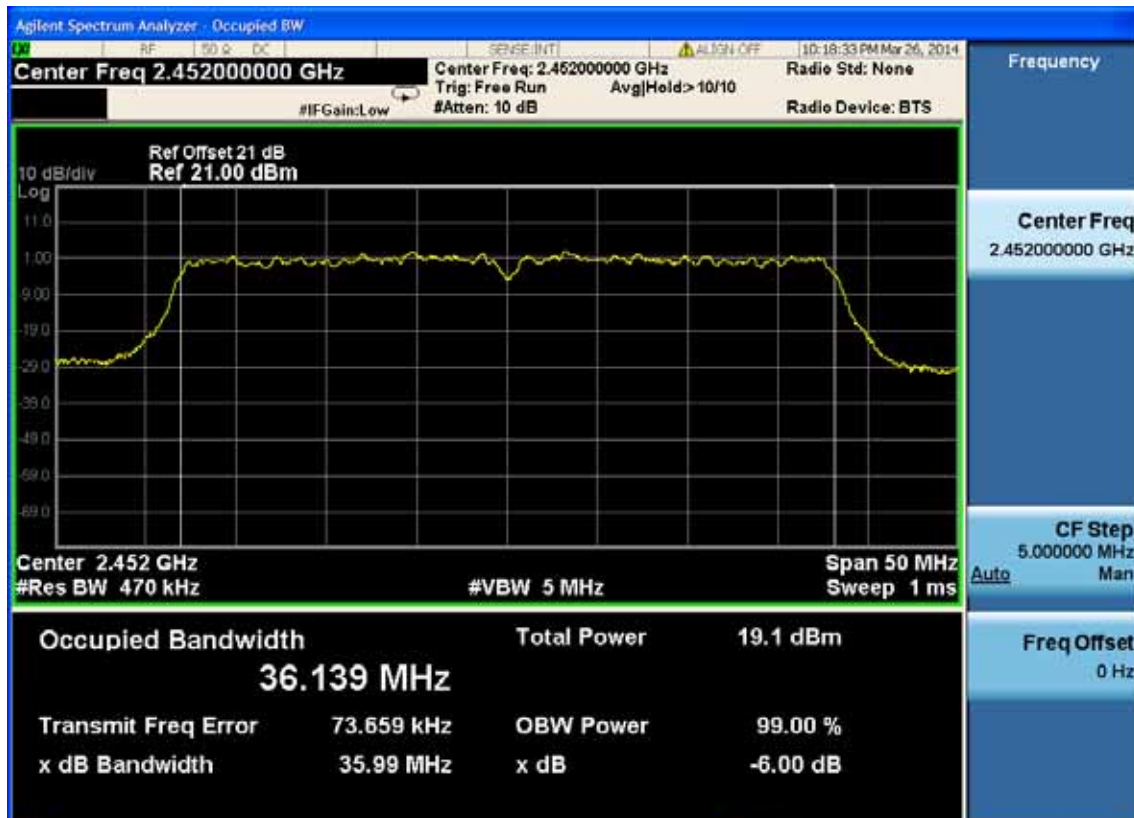
Test CH1: 2422MHz



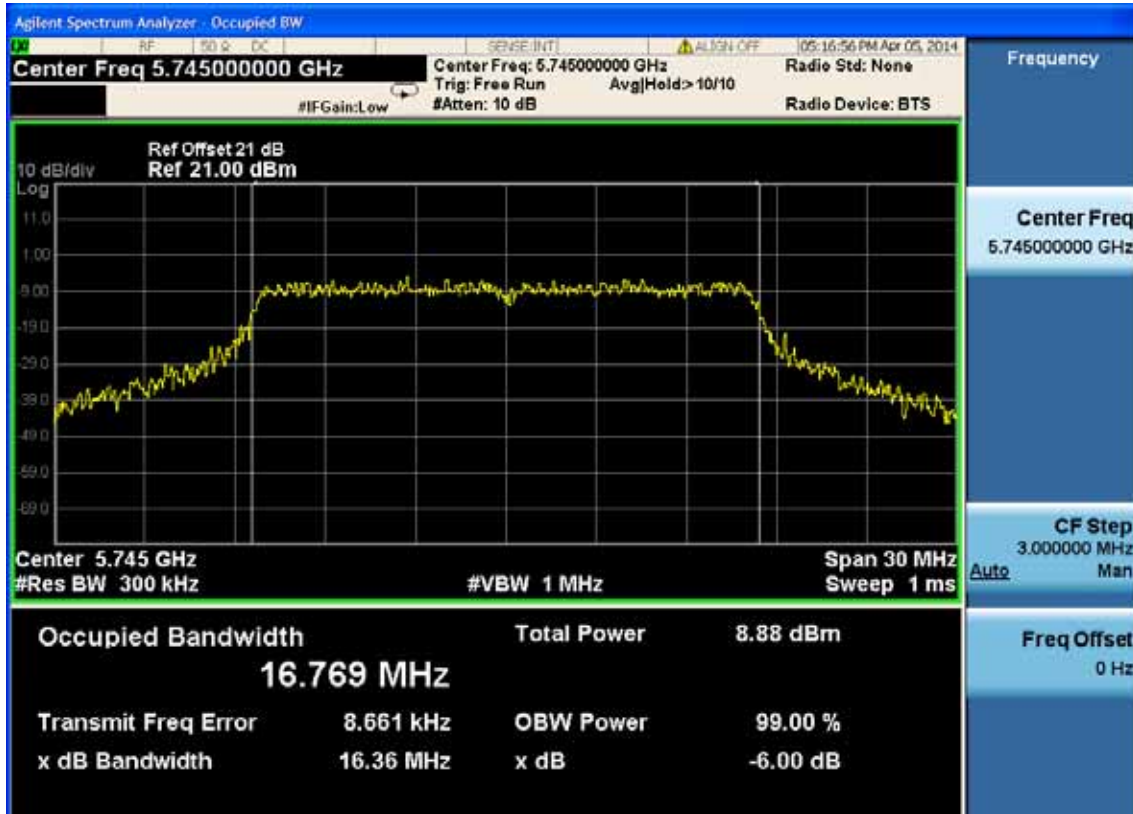
Test CH4: 2437MHz



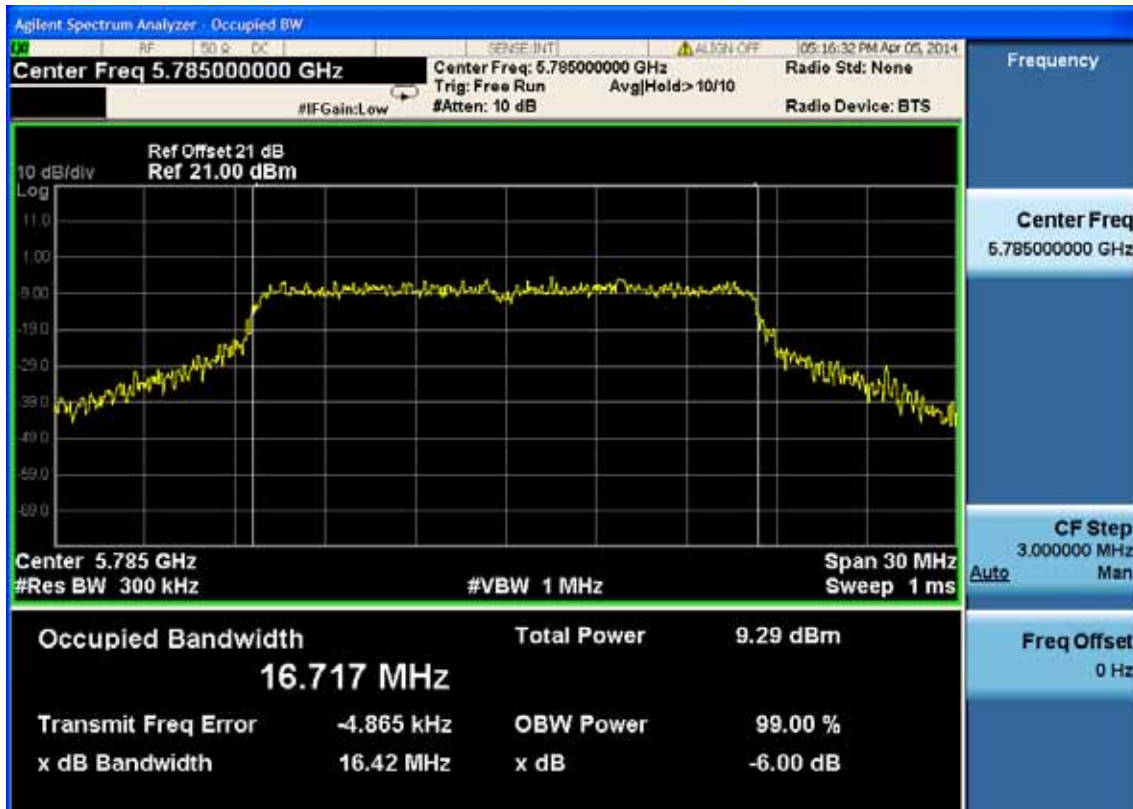
Test CH7: 2452MHz



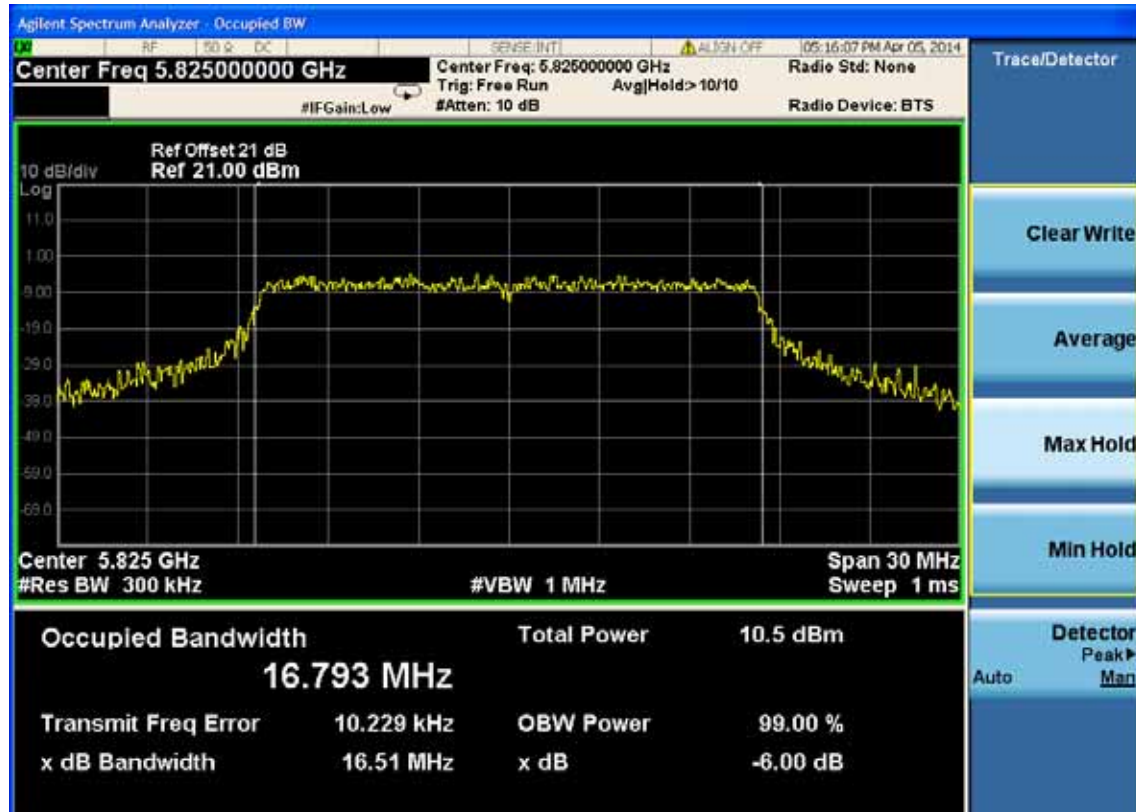
Band 4:5725MHz-5850MHz
Test Mode: IEEE 802.11a TX
5745MHz



5785MHz

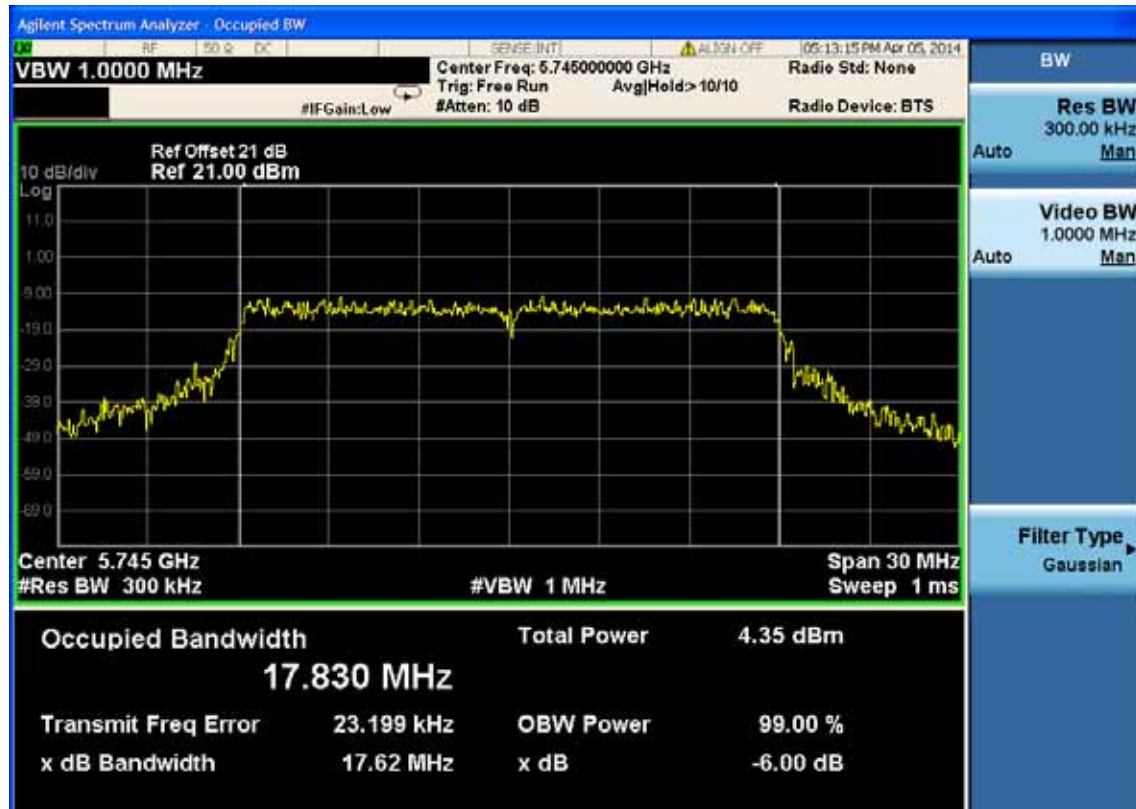


5825MHz

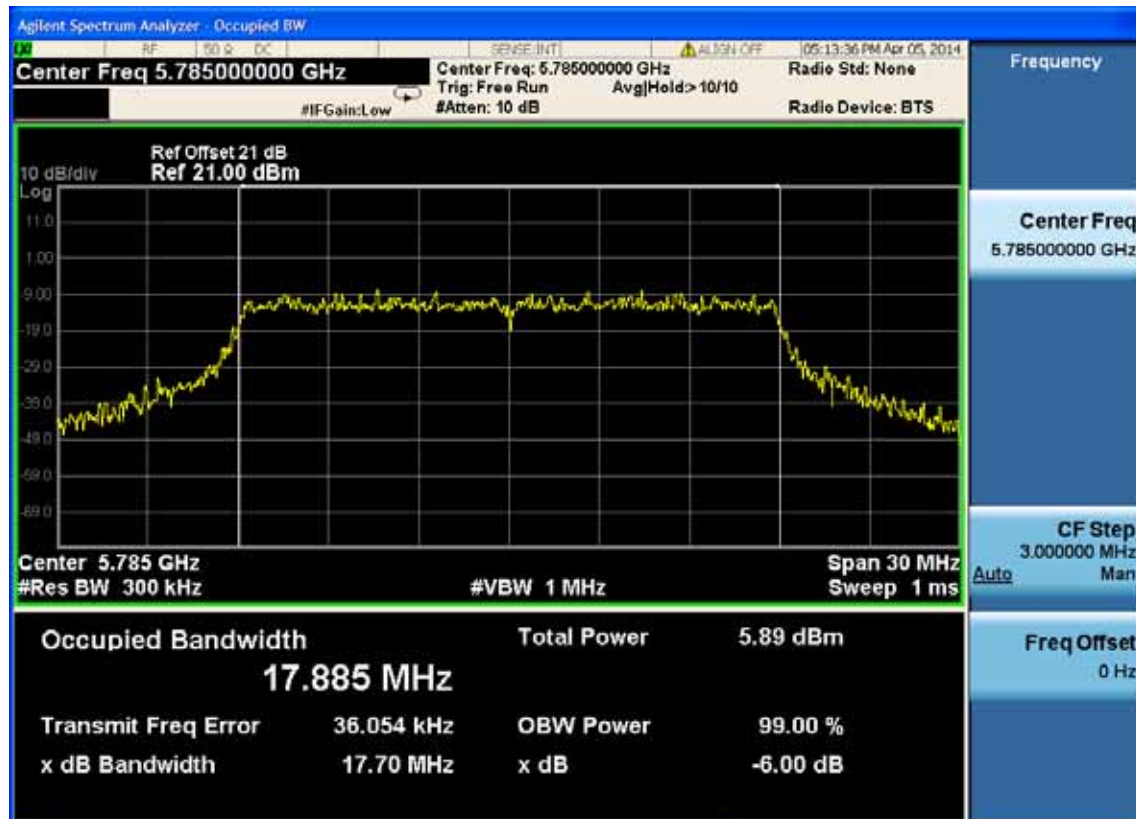


Test Mode: IEEE 802.11n HT20 TX

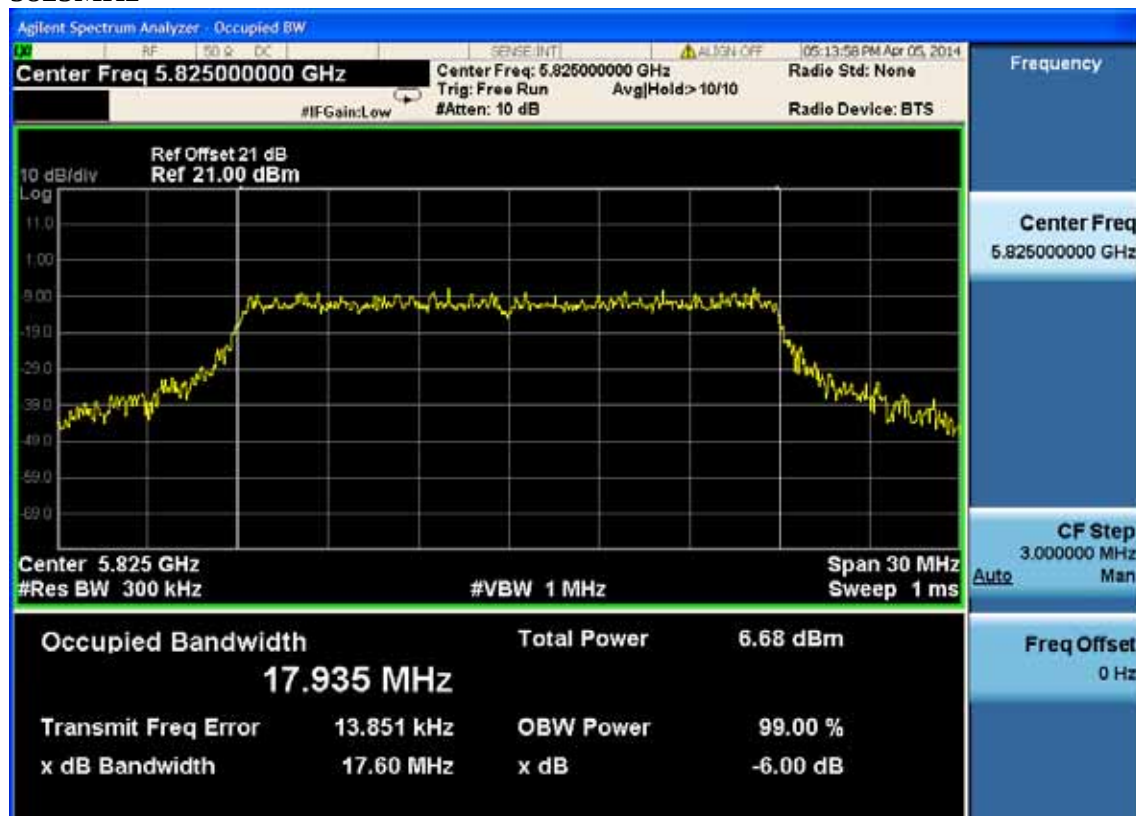
5745MHz



5785MHz



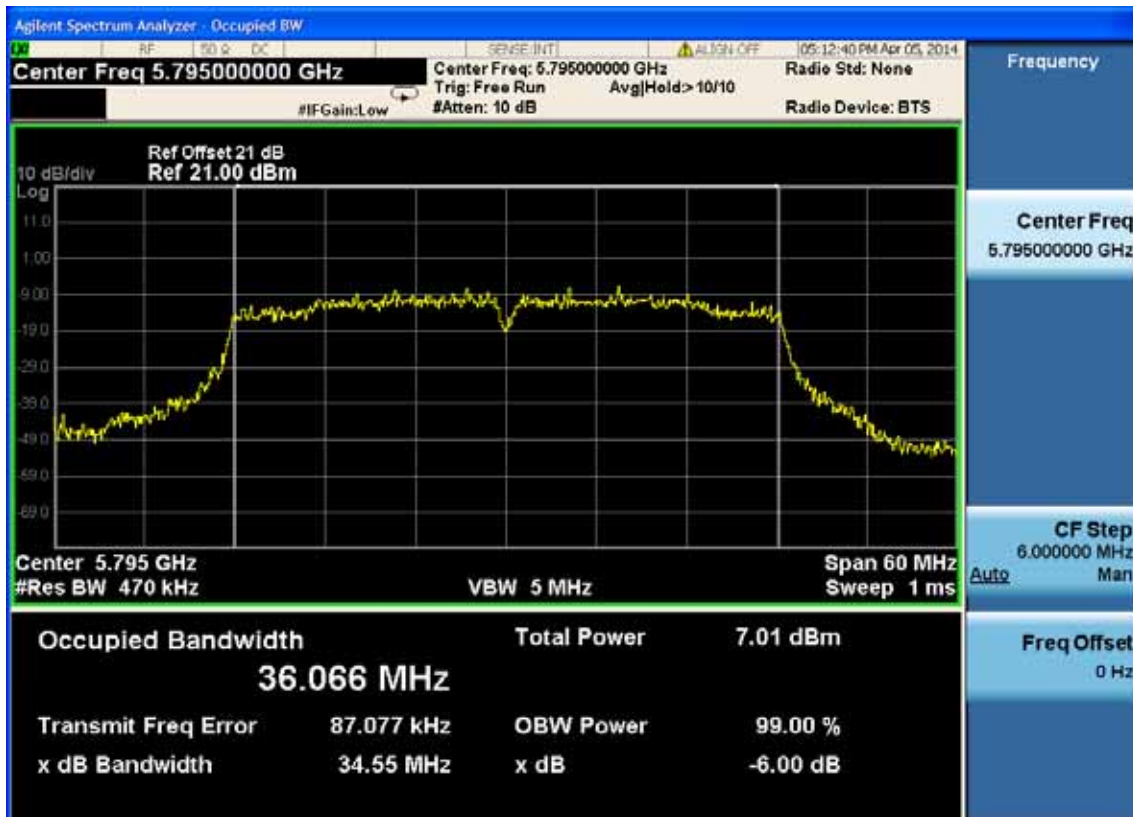
5825MHz



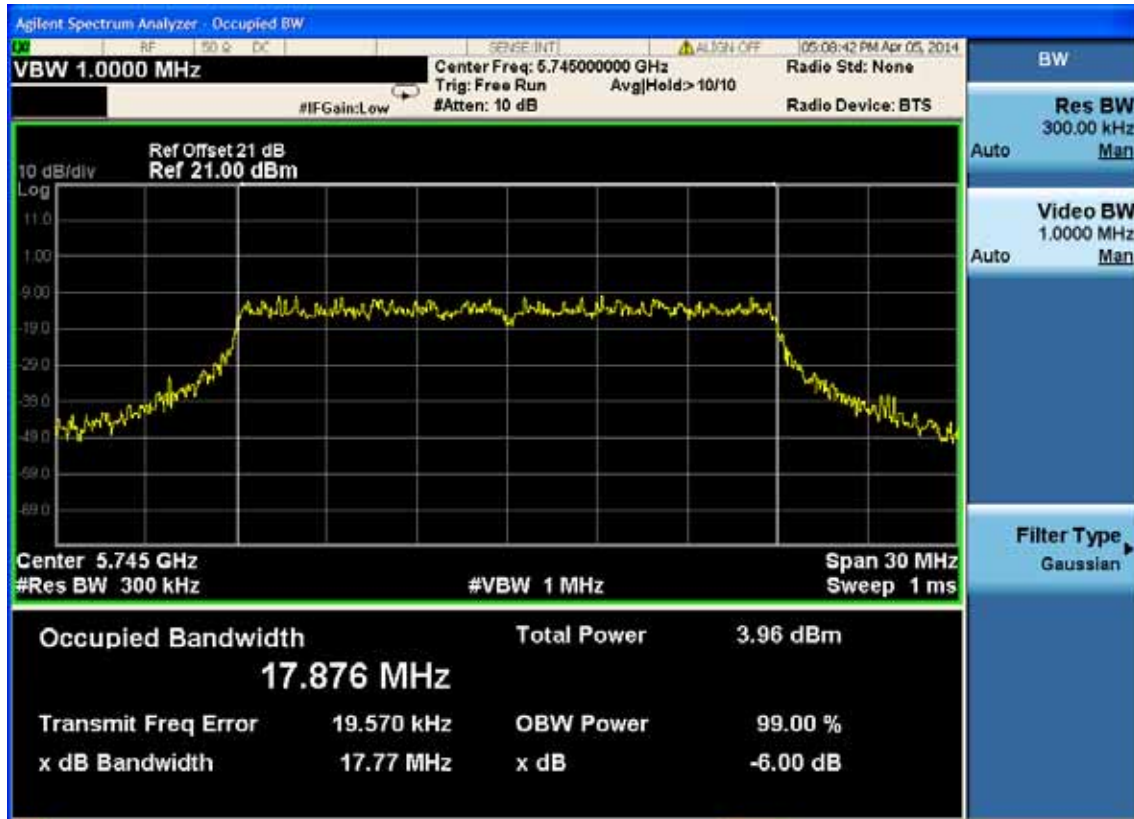
Test Mode: IEEE 802.11n HT40 TX
5755MHz



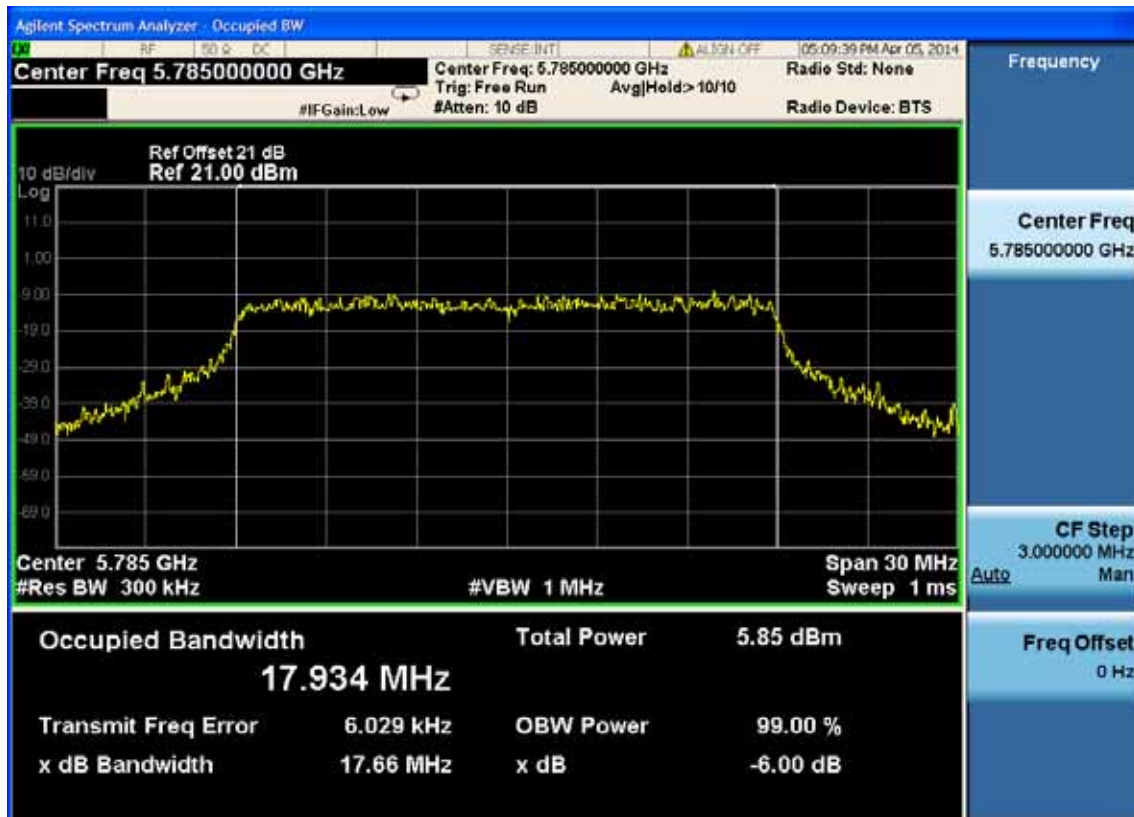
5795MHz



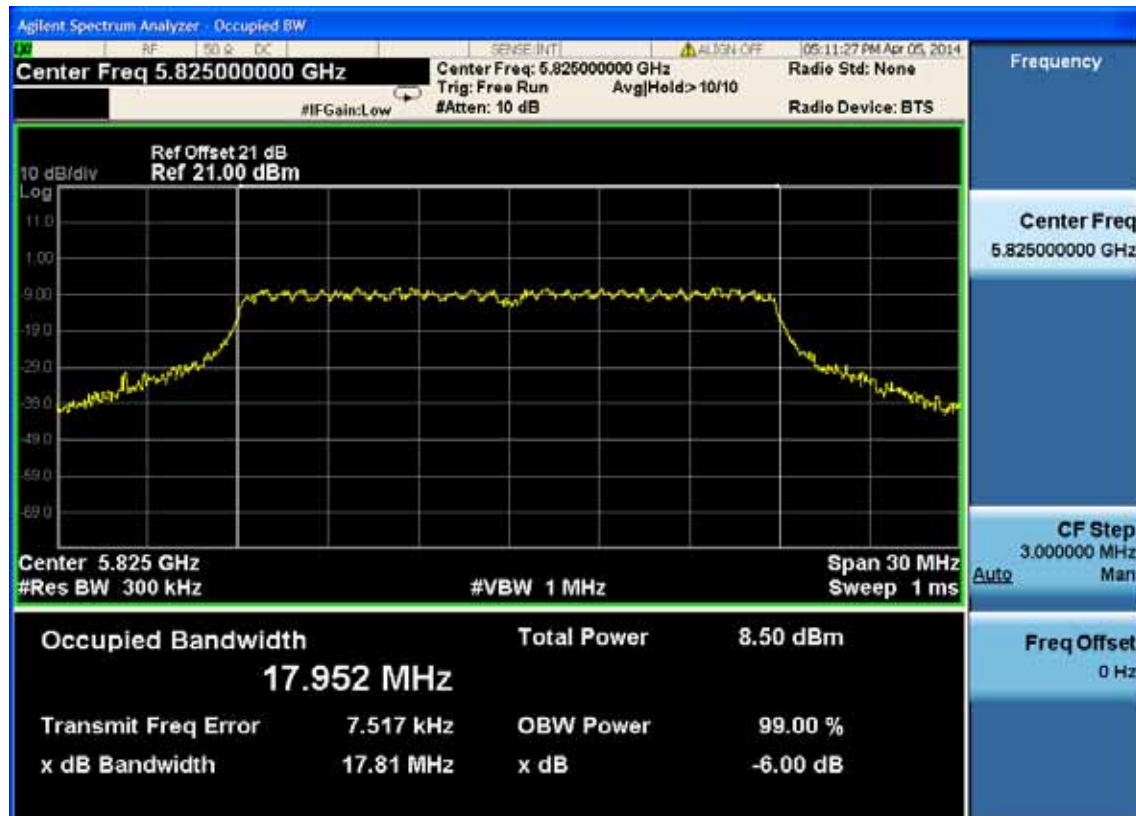
Test Mode: IEEE 802.11ac VHT20 TX
5745MHz



Test CH157: 5785MHz

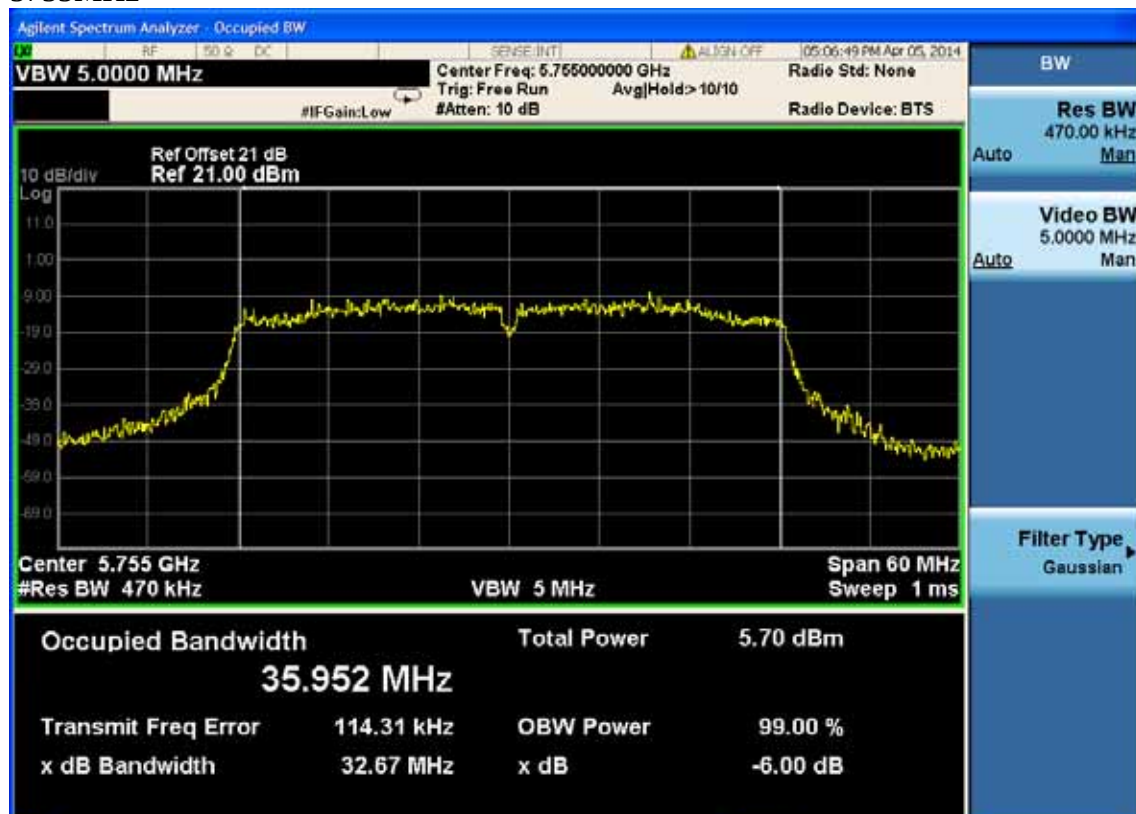


5825MHz

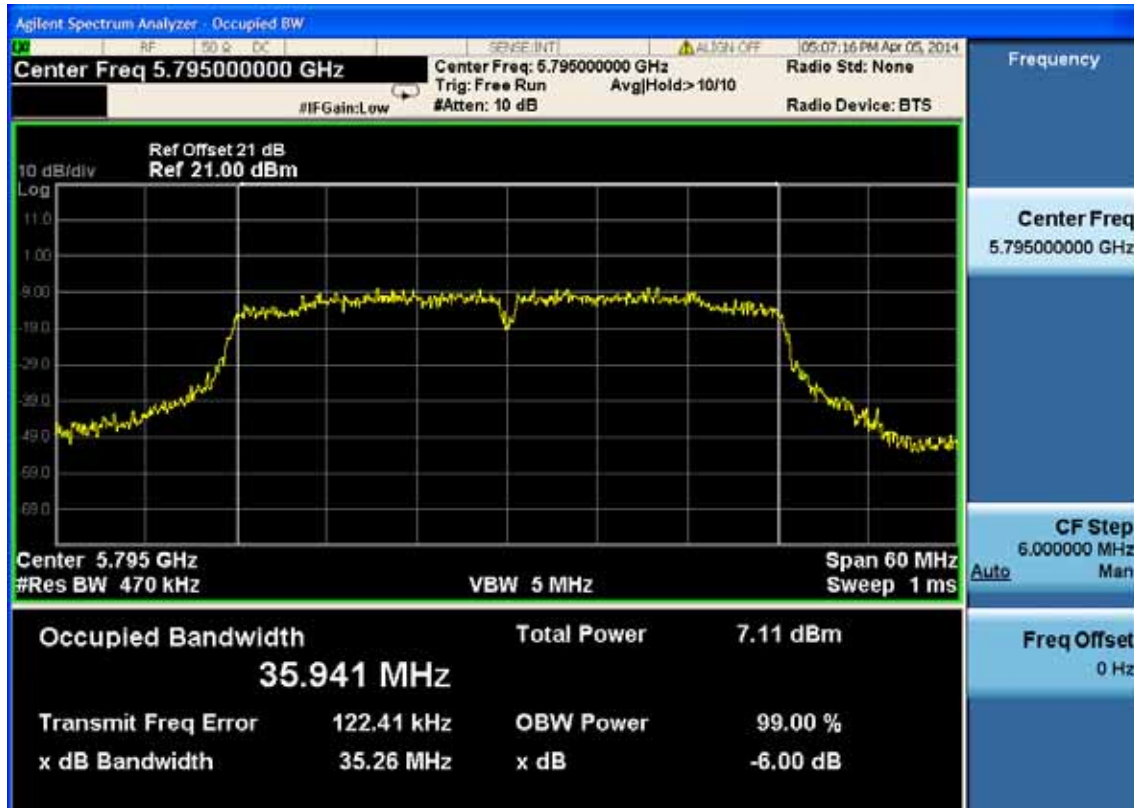


Test Mode: IEEE 802.11ac VHT40 TX

5755MHz

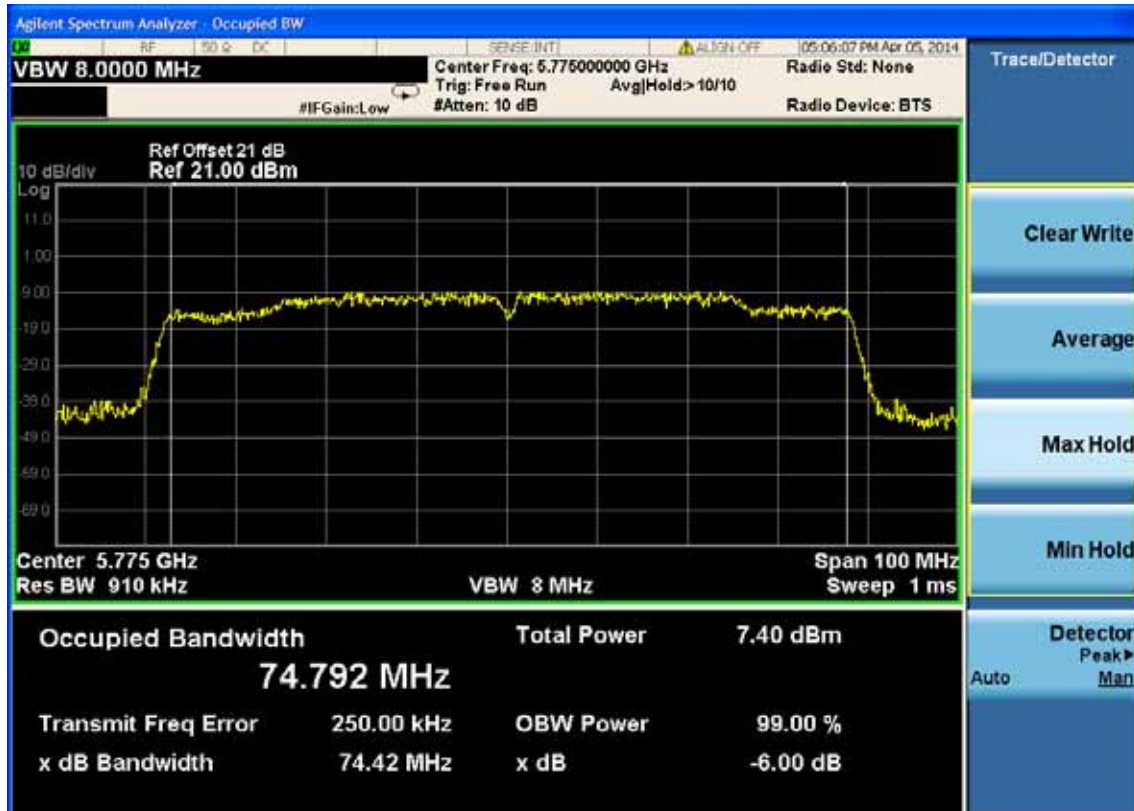


5795MHz



Test Mode: IEEE 802.11ac VHT80 TX

5775MHz



8. OUTPUT POWER TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9607-4877	May.08, 13	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	1 Year
5.	Power Meter	Anritsu	ML2487A	6K00002472	May.08, 13	1Year
6.	Power Sensor	Anritsu	MA2491A	033005	May.08, 13	1Year

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

For systems using digital modulation in the 2400—2483.5MHz, 5725-5850MHz, The Peak out put Power shall not exceed 1W(30dBm)

8.3. Test Procedure

- 1, Connected the EUT's antenna port to measure device by 26dB attenuator.
- 2, For IEEE 802.11b/g and IEEE802.11n HT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB bandwidth of signal to measure out each test modes' PK output power.
- 3, For IEEE802.11n HT40; IEEE802.11ac VHT40; IEEE802.11ac VHT80 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So used the test method per KDB558074.
 - 1) Set the RBW=1MHz and VBW =3MHz
 - 2) Set the span to a value that is 5-30% greater than EBW
 - 3) Detector = peak
 - 4) Sweep time = auto couple
 - 5) Trace Mode = max hold
 - 6) allow trace to fully stabilize
 - 7) use the spectrum analyser's integrated band power measurement function with band limits set equal to the EBW band edges.

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

8.4.Test Results

2.4G:

EUT:AC600 Wireless Dual Band USB Adapter			
M/N:T2U			
Test date: 2014-03-30	Pressure: 101.1±1.0 kpa	Humidity: 51.2±3.0%	
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.5±0.6 °C	
Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH	Peak output Power (dBm)	Limit (dBm)
11b	CH1	18.29	30
	CH6	18.65	30
	CH11	18.41	30
11g	CH1	21.95	30
	CH6	23.2	30
	CH11	22.08	30
11n HT20	CH1	21.66	30
	CH6	23.35	30
	CH11	21.52	30
11n HT40	CH1	20.07	30
	CH4	23.41	30
	CH7	20.76	30
Conclusion: PASS			

Band 4: 5725MHz-5850MHz

EUT:AC600 Wireless Dual Band USB Adapter			
M/N:T2U			
Test date:2014-04-25		Pressure: 101.2±1.0 kpa	Humidity: 52.3±3.0%
Tested by: Kevin_Hu		Test site: RF site	Temperature:22.5±0.6 °C
Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
11a	5745	23.02	30
	5785	22.92	30
	5825	23.18	30
11n HT20	5745	23.29	30
	5785	22.83	30
	5825	22.95	30
11n HT40	5755	23.04	30
	5795	22.53	30
11ac VHT20	5745	22.86	30
	5785	22.94	30
	5825	22.82	30
11ac VHT40	5755	22.94	30
	5795	22.79	30
11ac VHT80	5775	23.33	30
Conclusion: PASS			

2.4G:

Test Mode: IEEE 802.11n HT40 TX

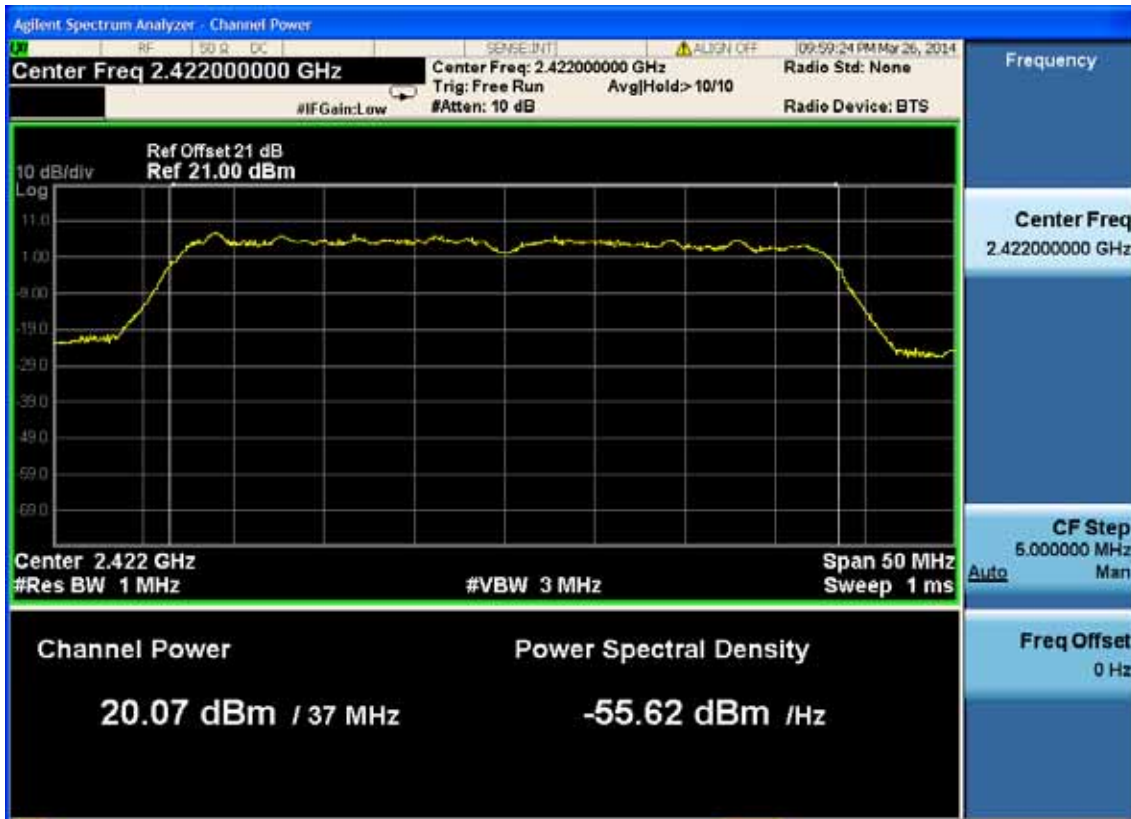
CH7:2452MHz



CH4 2437MHz



CH1 2422MHz



Band 4: 5725MHz-5850MHz

Test Mode: IEEE 802.11n HT40 TX

CH151 5755MHz

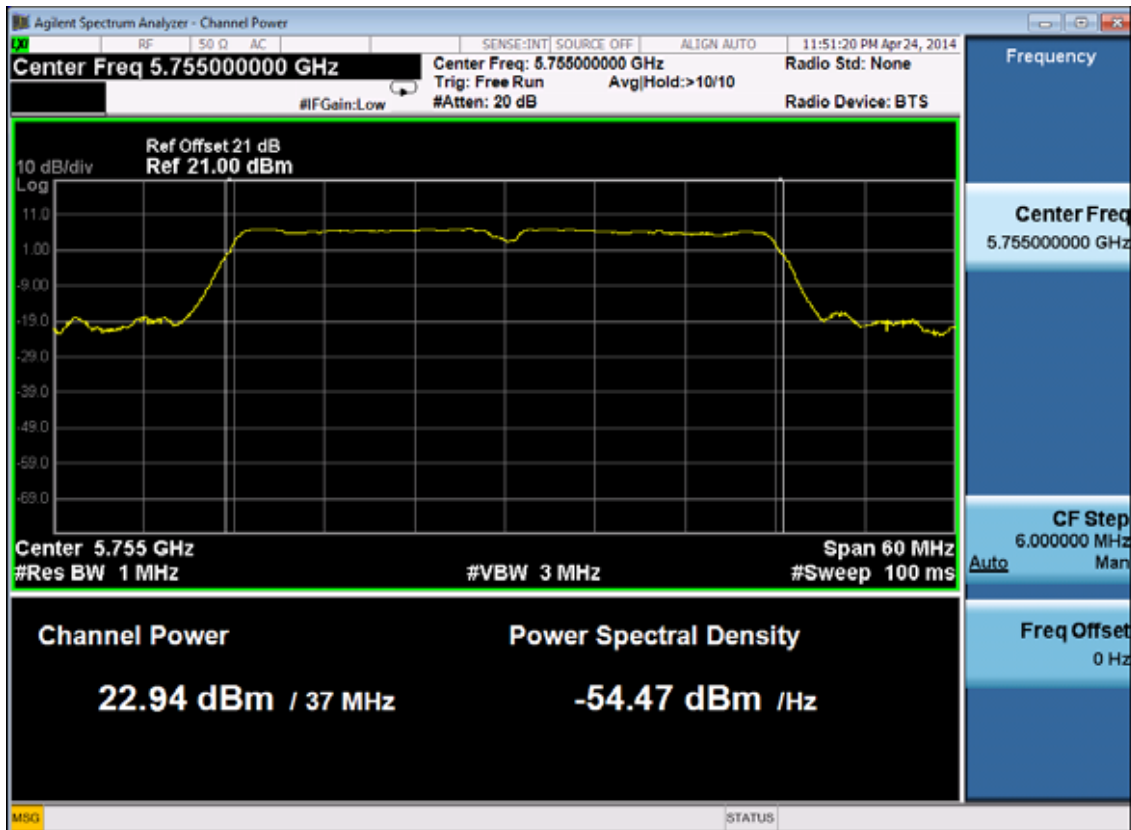


CH159: 5795MHz

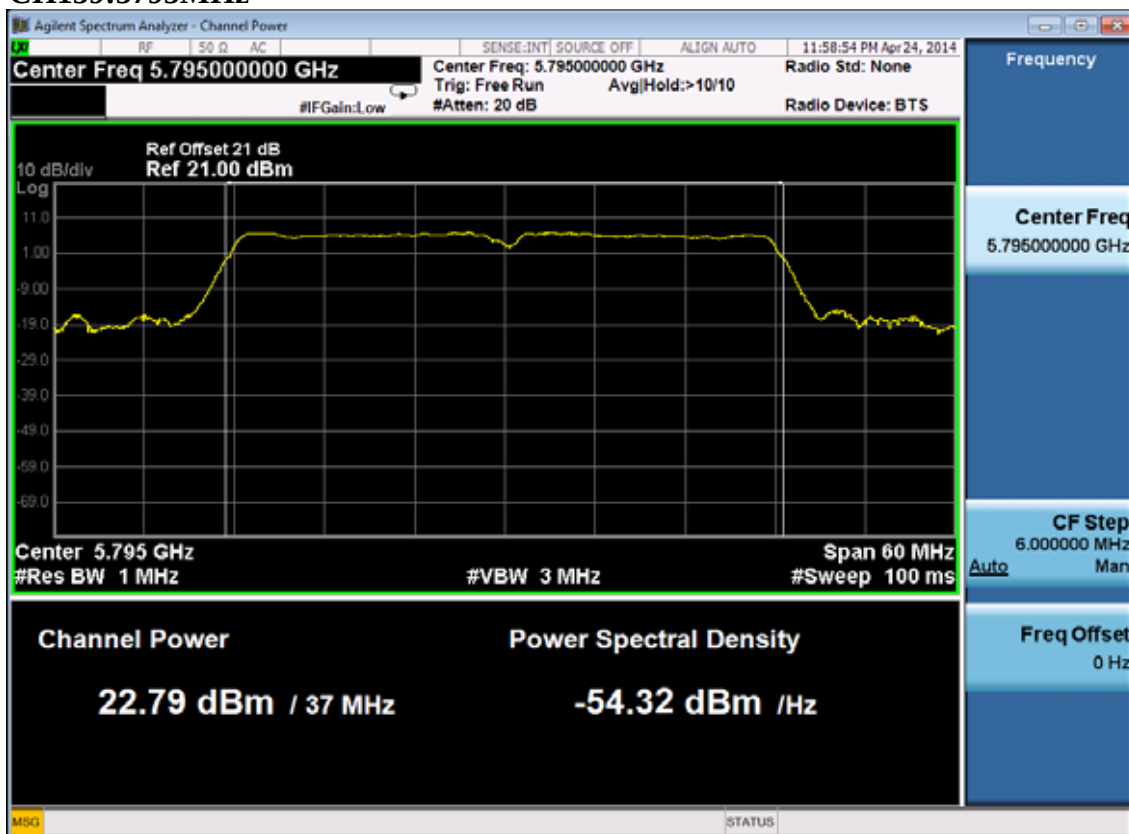


Test Mode: IEEE 802.11ac VHT80 TX

CH151: 5755MHz

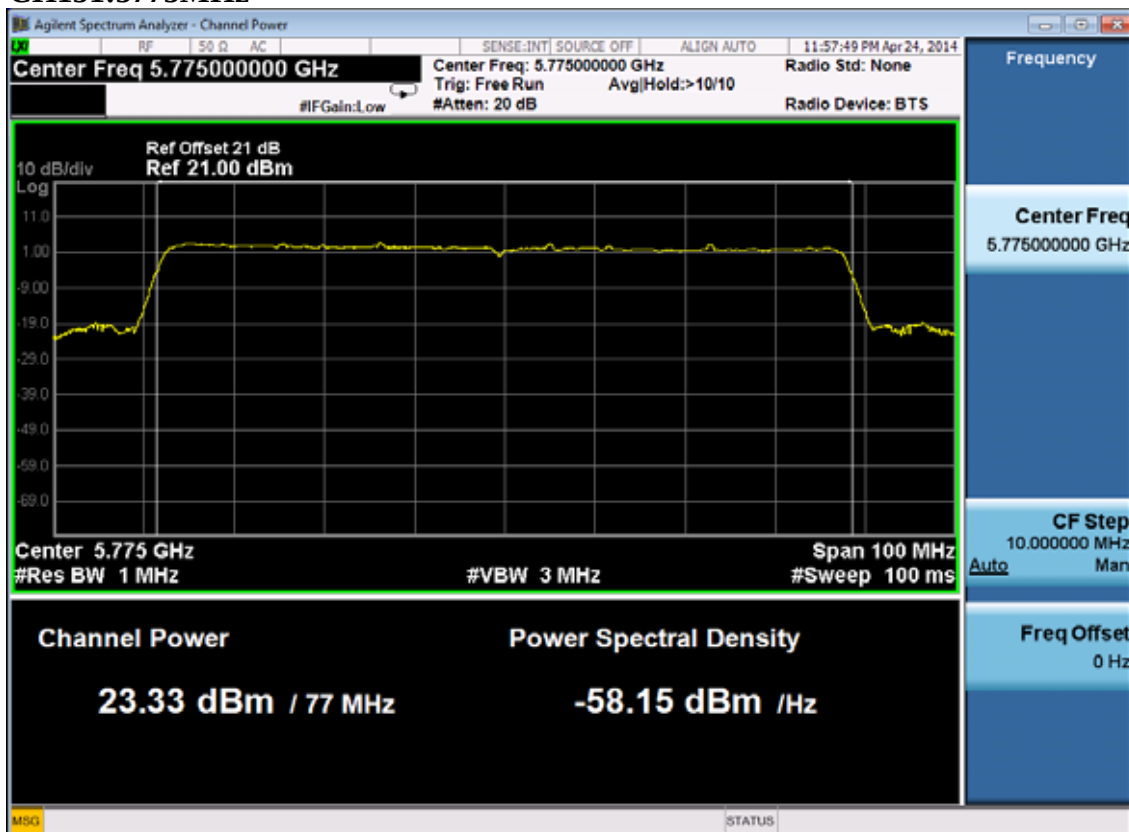


CH159:5795MHz



Test Mode: IEEE 802.11ac VHT40 TX

CH151:5775MHz



9. POWER SPECTRAL DENSITY TEST

9.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9607-4877	Aug.28, 13	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	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 the test frequency as center frequency, Set RBW=3KHz, VBW=10KHz, Span large enough capture the entire frequency, Read out maximum peak level frequency
3. Set the frequency read from produce 2 as center frequency, then set the span= 300KHz, Sweep time=Span/RBW, Then Max hold, read out each mode and each chain's Power density.

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

9.4.Test Results

2.4G:

EUT:AC600 Wireless Dual Band USB Adapter		
M/N:T2U		
Test date: 2014-03-30	Pressure: 101.2±1.0 kpa	Humidity: 51.3±3.0%
Tested by:Kevin_Hu	Test site: RF Site	Temperature : 22.7±0.6℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH	Power density (dBm/3KHz)	Limit (dBm/3KHz)
11b	CH1	-14.187	8
	CH6	-14.152	8
	CH11	-13.191	8
11g	CH1	-13.806	8
	CH6	-14.438	8
	CH11	-14.062	8
11n Mode			
Test Mode	CH	Power density (dBm/3KHz)	Limit (dBm/3KHz)
11n HT20	CH1	-13.645	8
	CH6	-13.477	8
	CH11	-13.835	8
11n HT40	CH1	-17.169	8
	CH4	-17.106	8
	CH7	-15.594	8
Conclusion : PASS			

Band 4: 5725MHz-5850MHz

EUT: AC600 Wireless Dual Band USB Adapter

M/N: T2U

Test date: 2014-04-06

Pressure: 101.1±1.0 kpa

Humidity: 52.2±3.0%

Tested by: Kevin_Hu

Test site: RF site

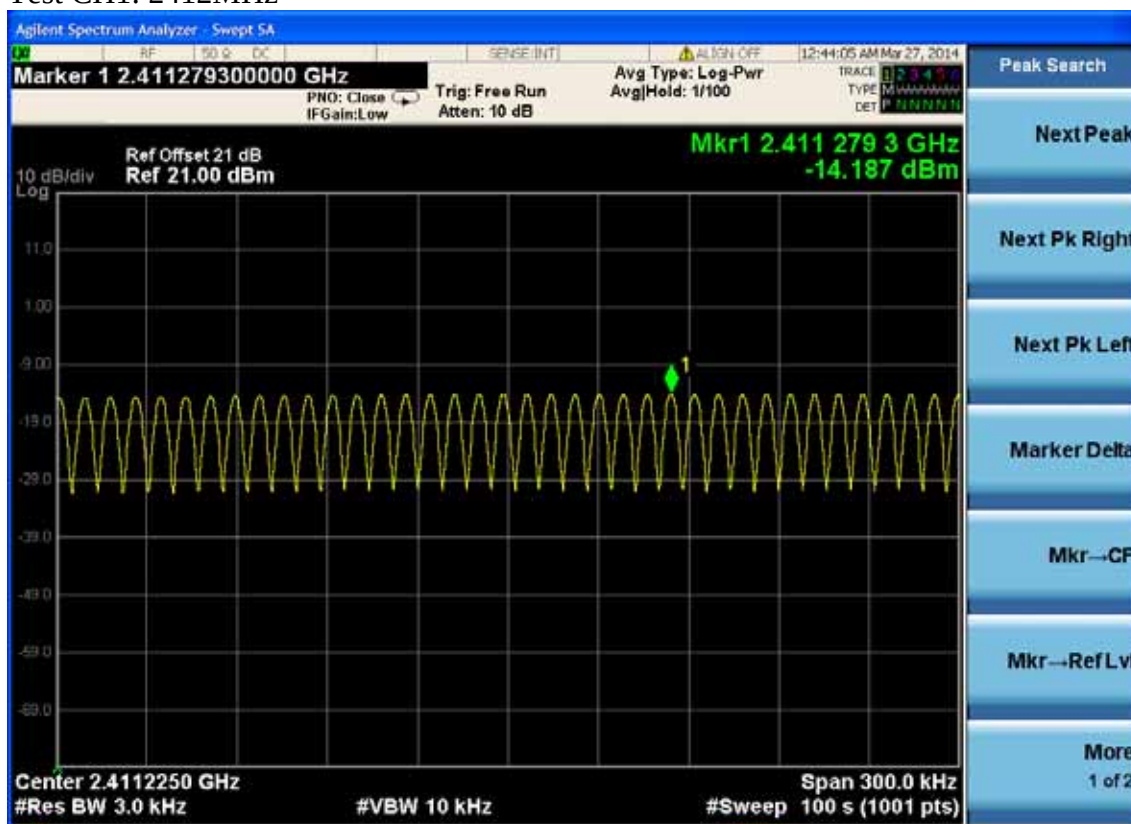
Temperature: 22.7±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	(dBm/MHz)	Limit (dBm/MHz)
11a	5745	-22.605	8
	5785	-20.758	8
	5825	-19.759	8
11n HT20	5745	-26.224	8
	5785	-25.513	8
	5825	-23.830	8
11n HT40	5755	-23.343	8
	5795	-26.353	8
11ac VHT20	5745	-27.146	8
	5785	-24.496	8
	5825	-23.632	8
11ac VHT40	5755	-27.356	8
	5795	-26.086	8
11ac VHT80	5775	-28.875	8
Conclusion: PASS			

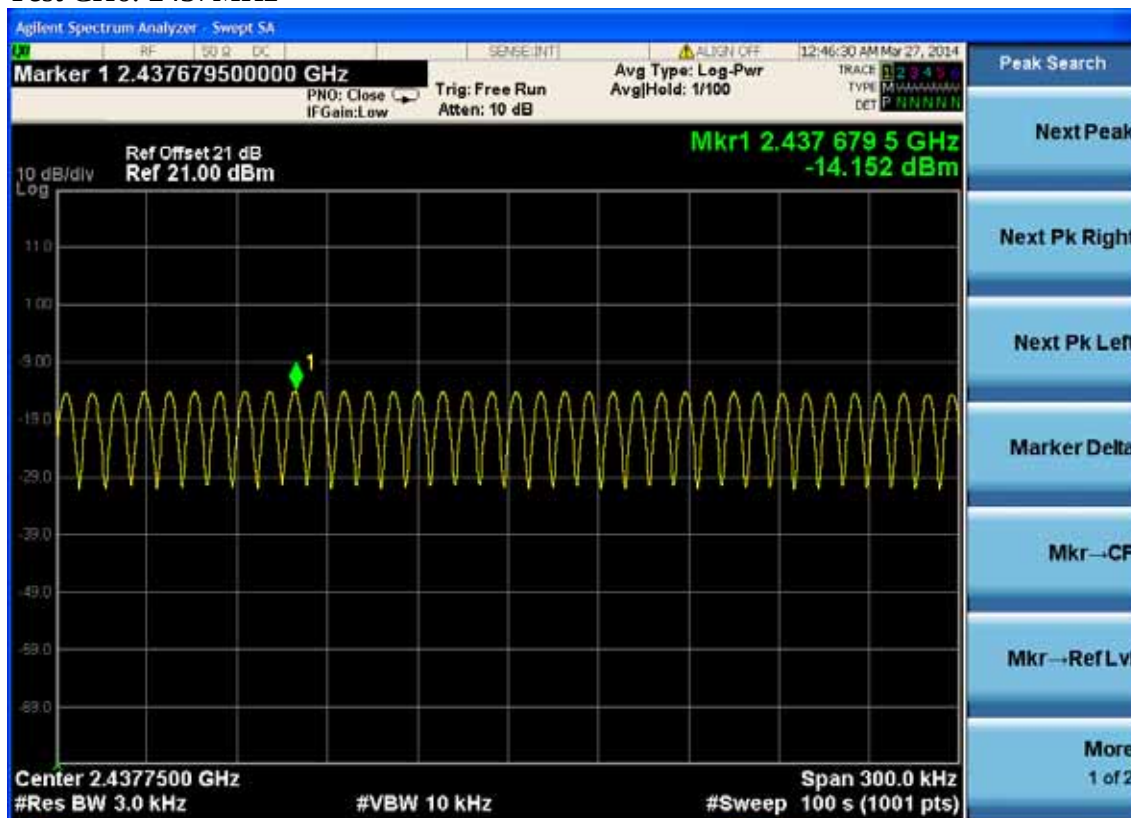
2.4G:

Test Mode: IEEE 802.11b TX

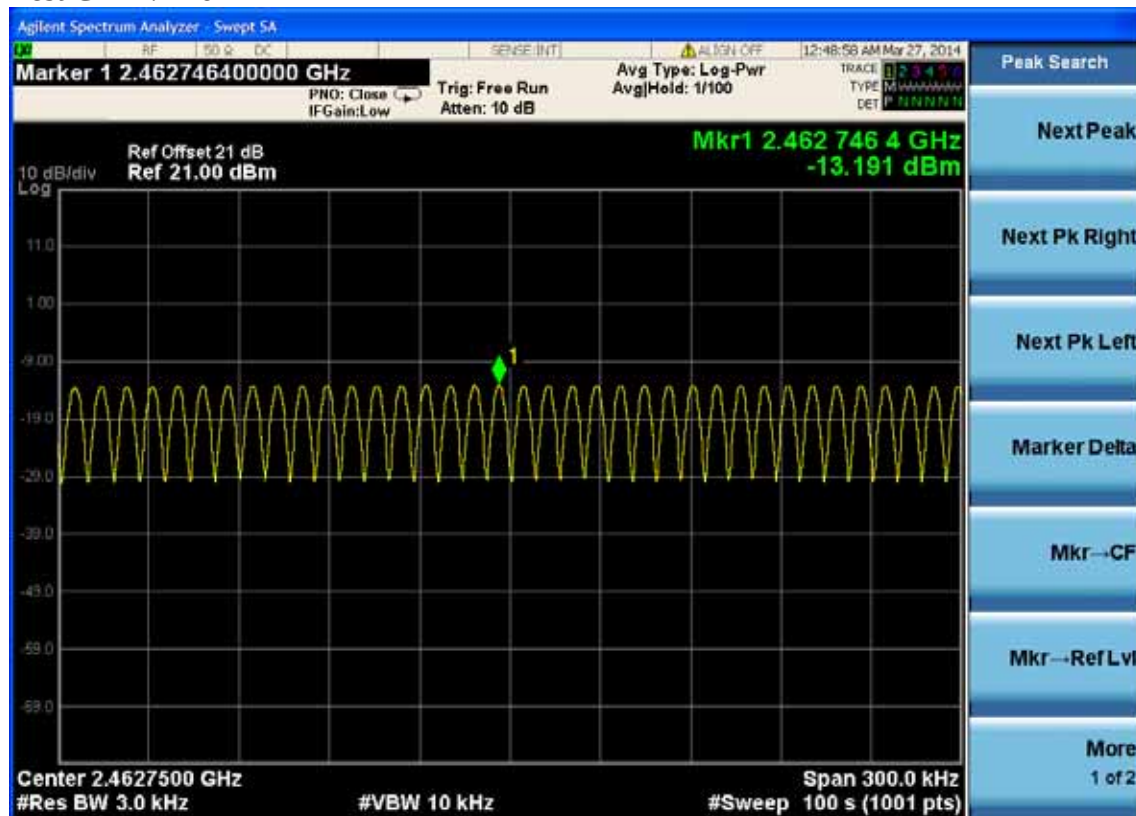
Test CH1: 2412MHz



Test CH6: 2437MHz

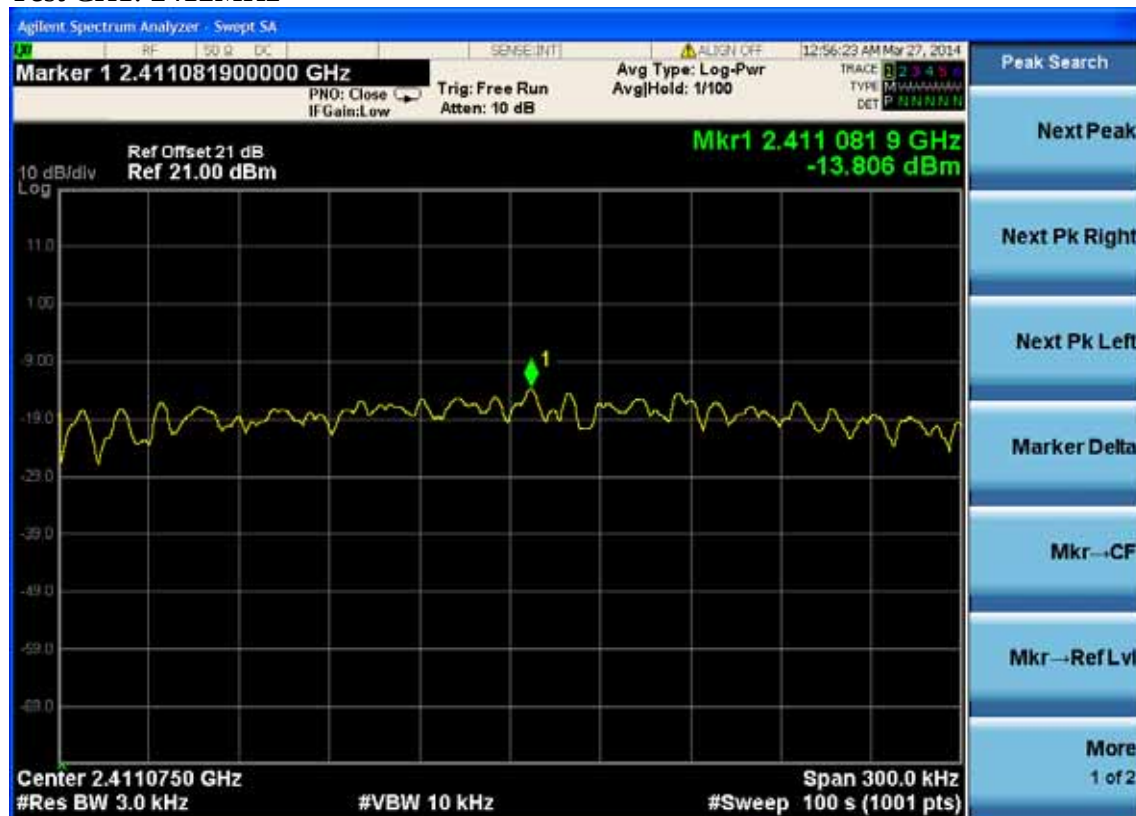


Test CH11: 2462MHz

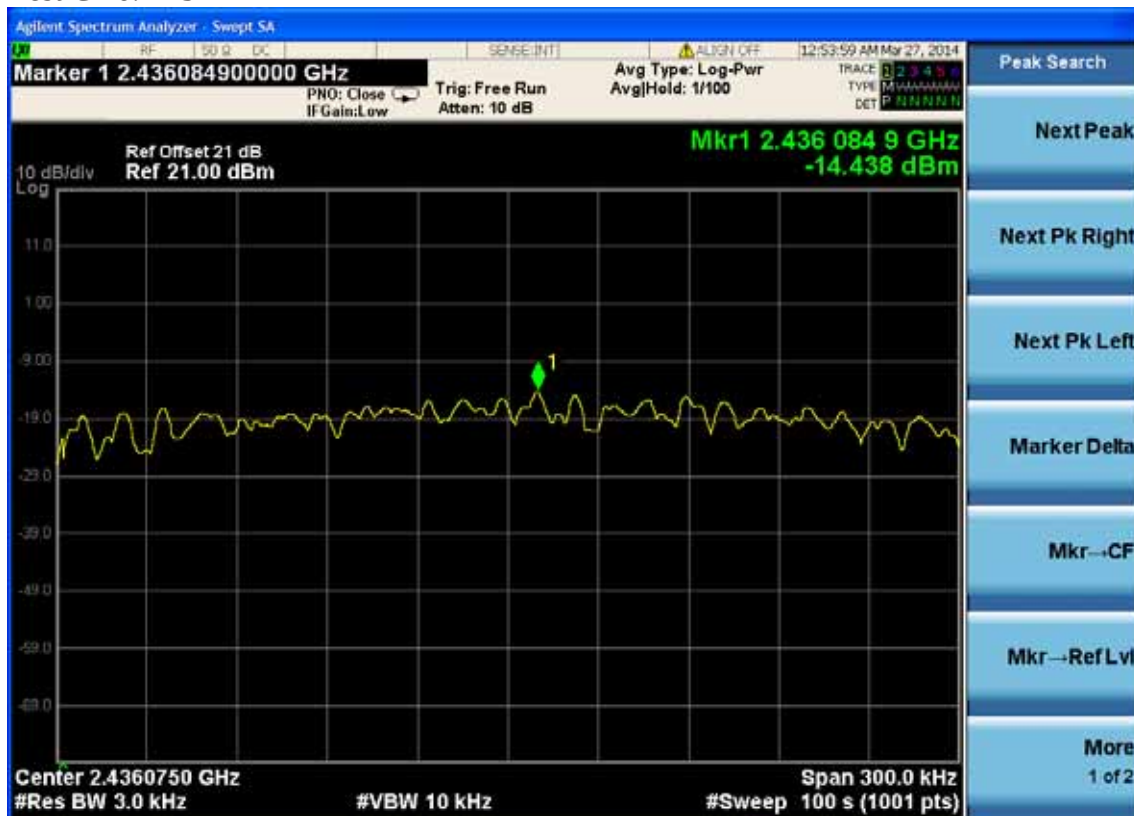


Test Mode: IEEE 802.11g TX

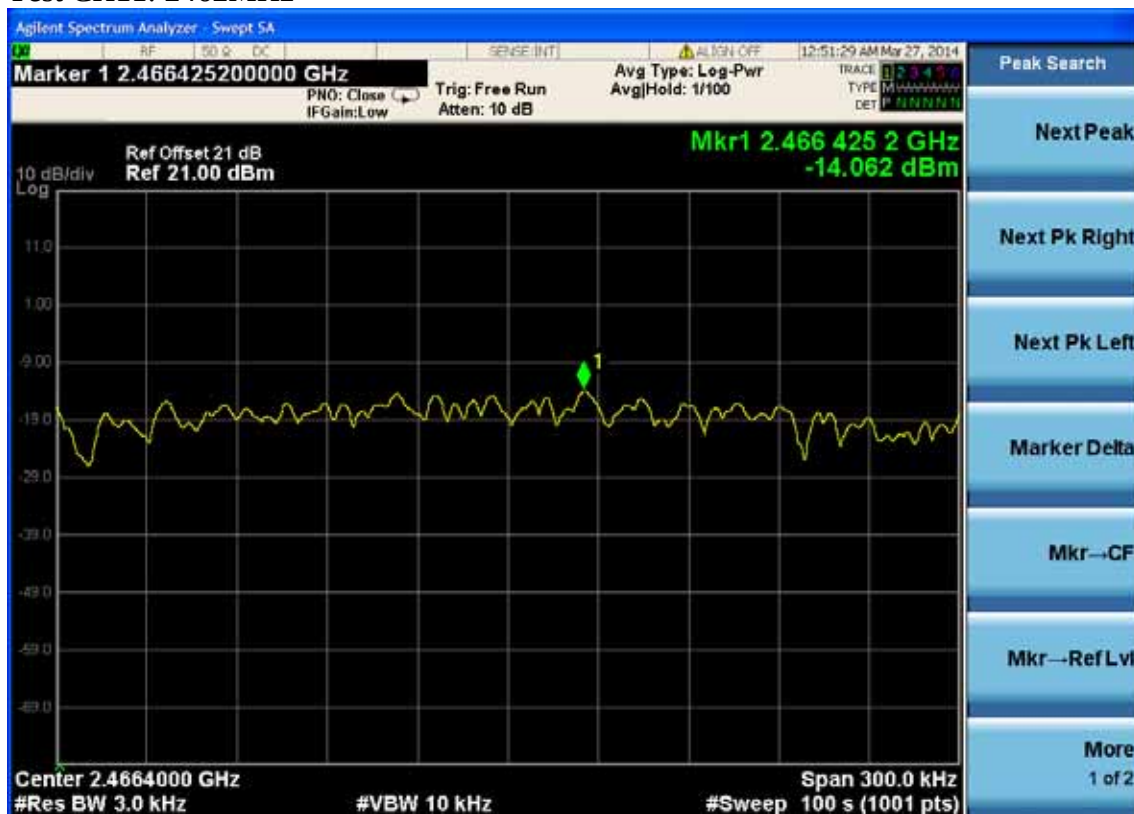
Test CH1: 2412MHz



Test CH6: 2437MHz

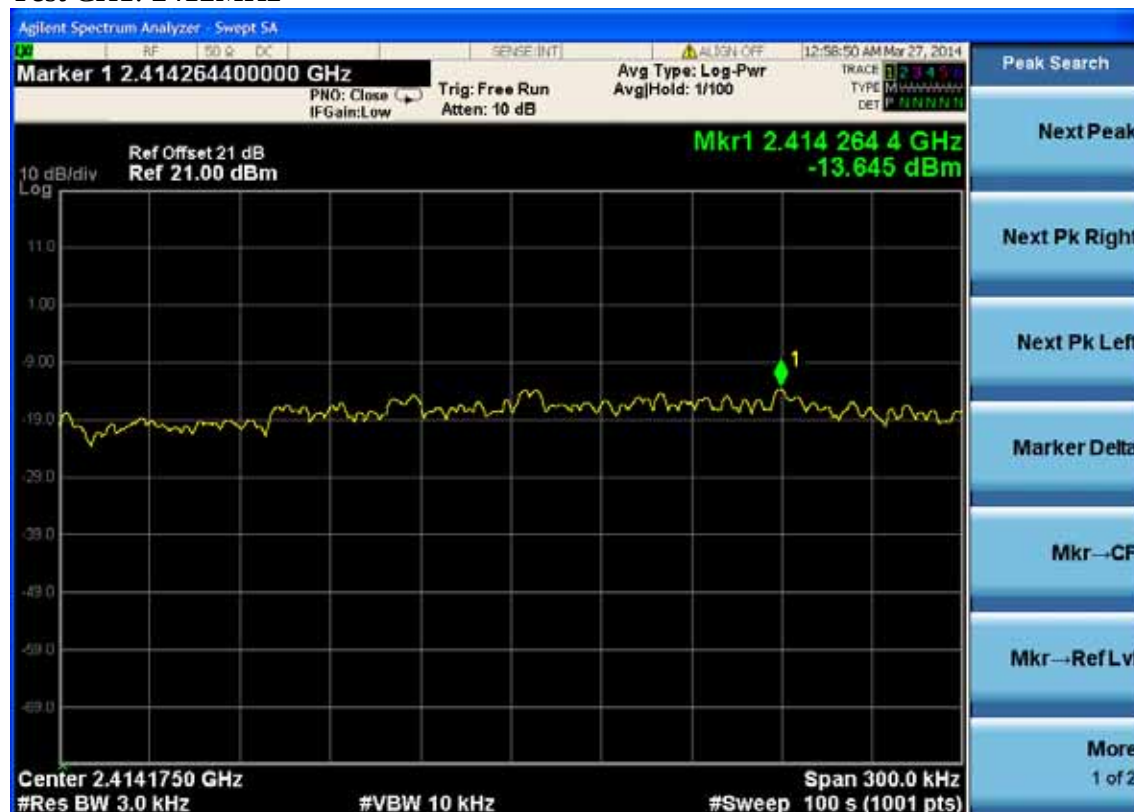


Test CH11: 2462MHz

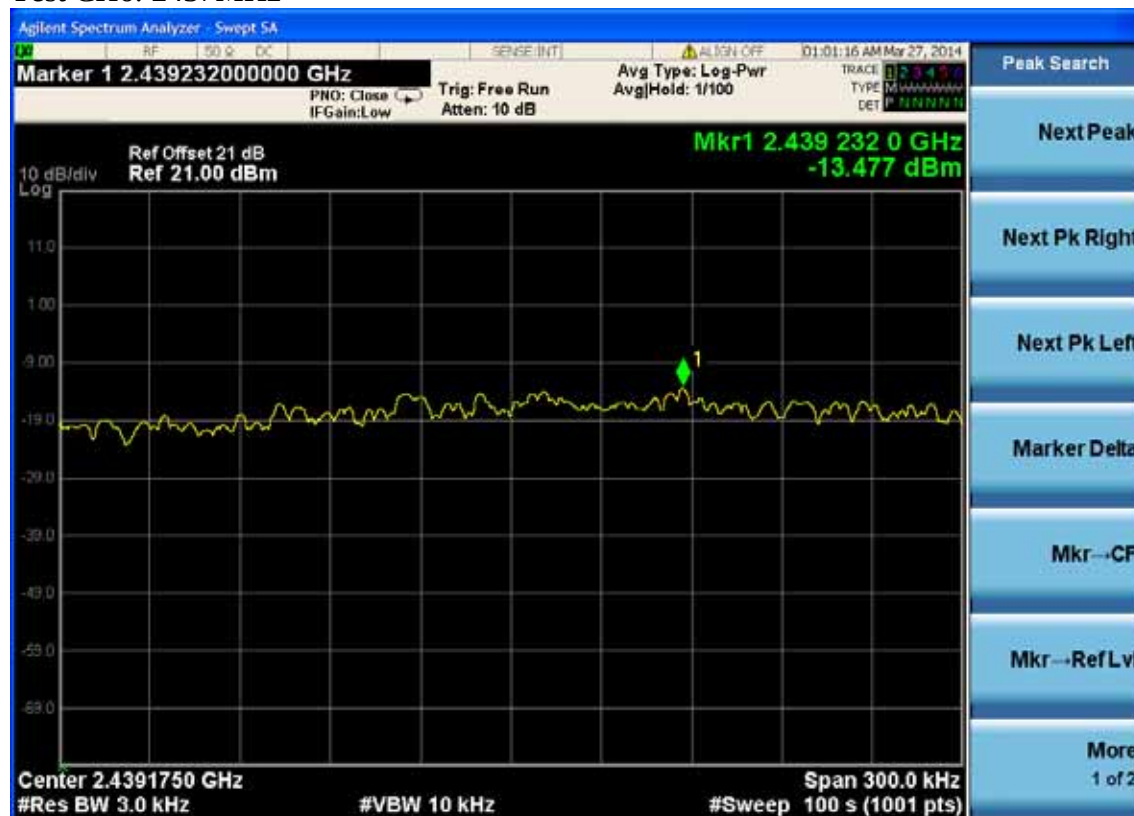


Test Mode: IEEE 802.11n HT20 TX

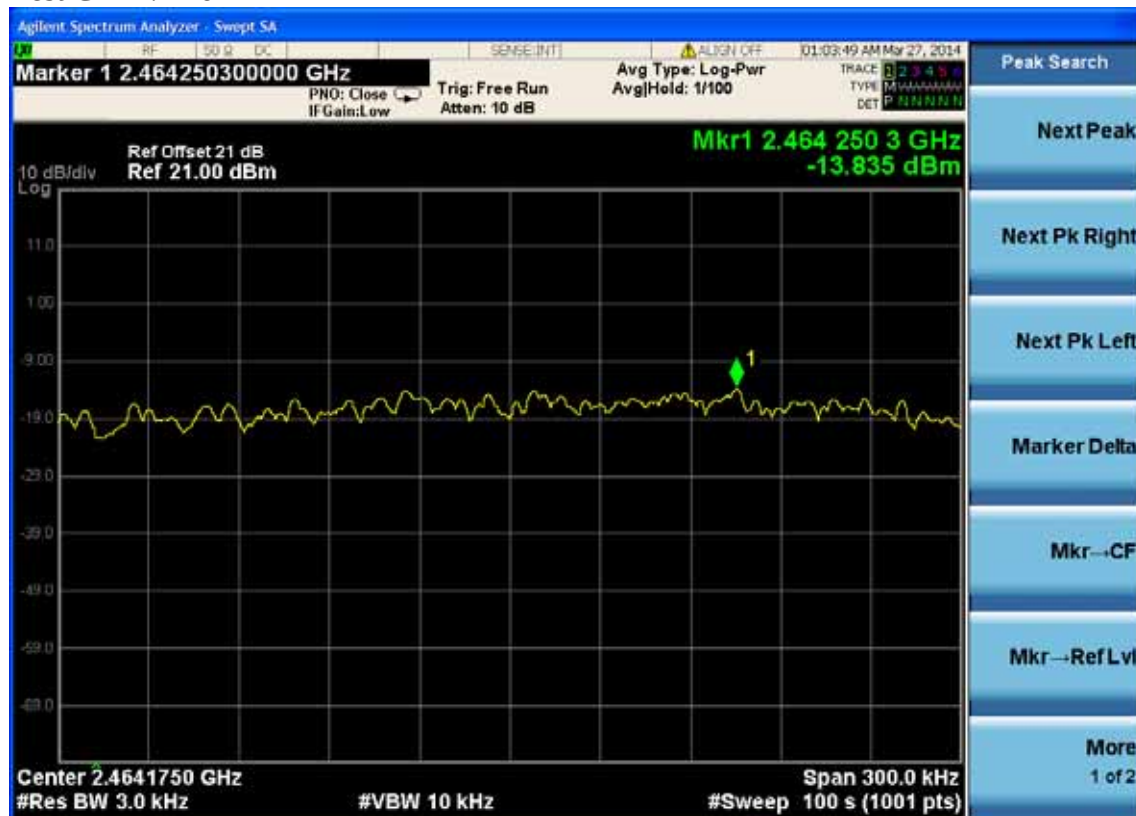
Test CH1: 2412MHz



Test CH6: 2437MHz

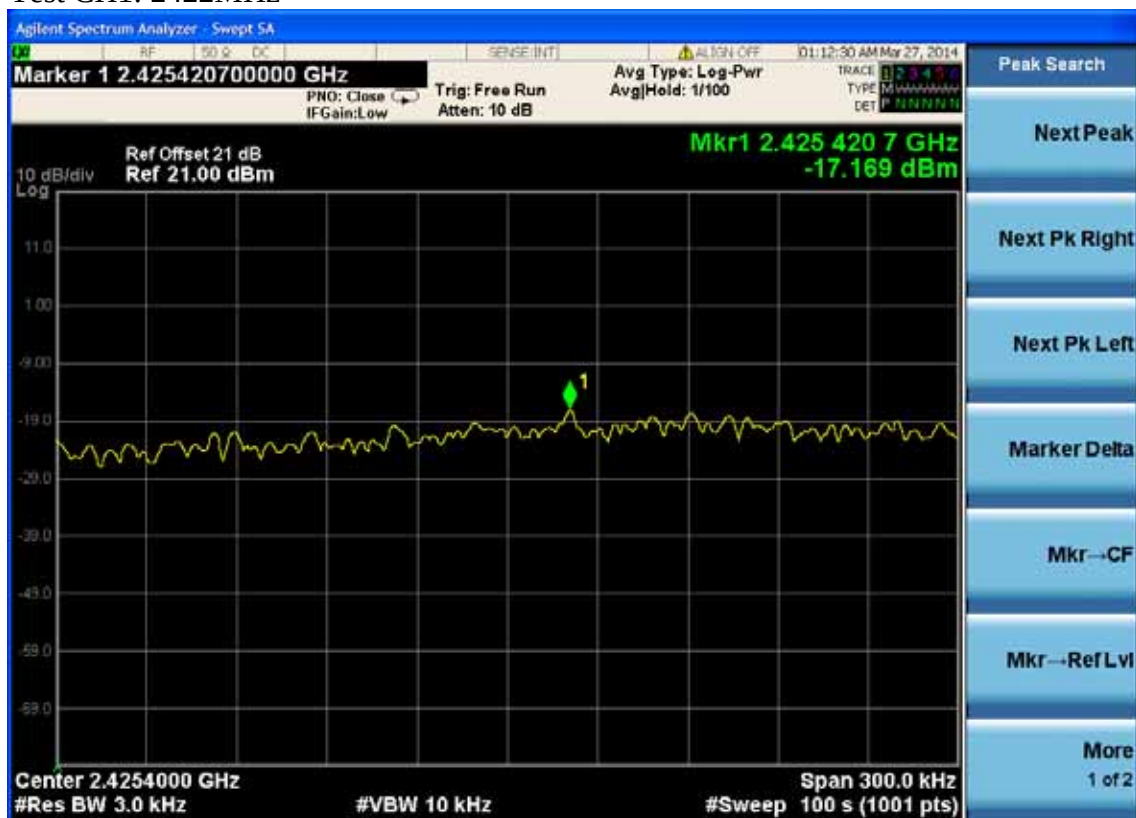


Test CH11: 2462MHz

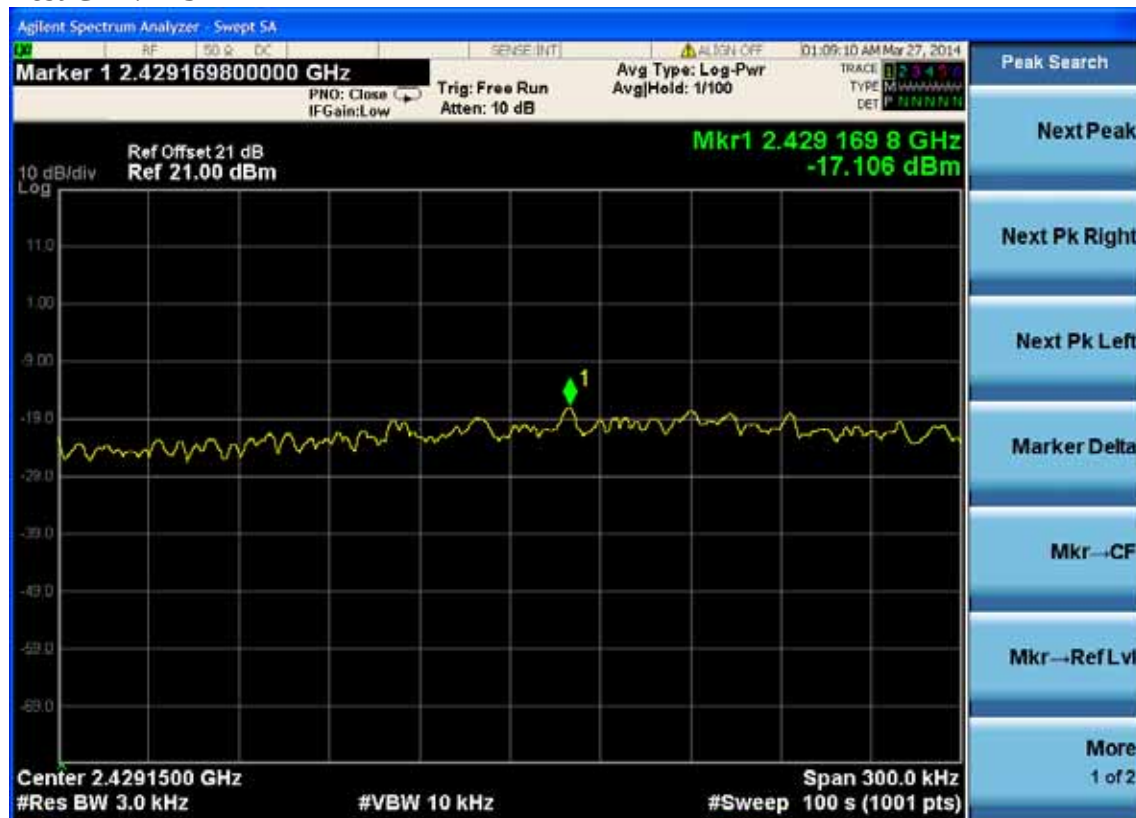


Test Mode: IEEE 802.11n HT40 TX

Test CH1: 2422MHz



Test CH4: 2437MHz



Test CH7: 2452MHz



Band 4: 5725MHz-5850MHz
Test Mode: IEEE 802.11a TX
5745MHz



5785MHz

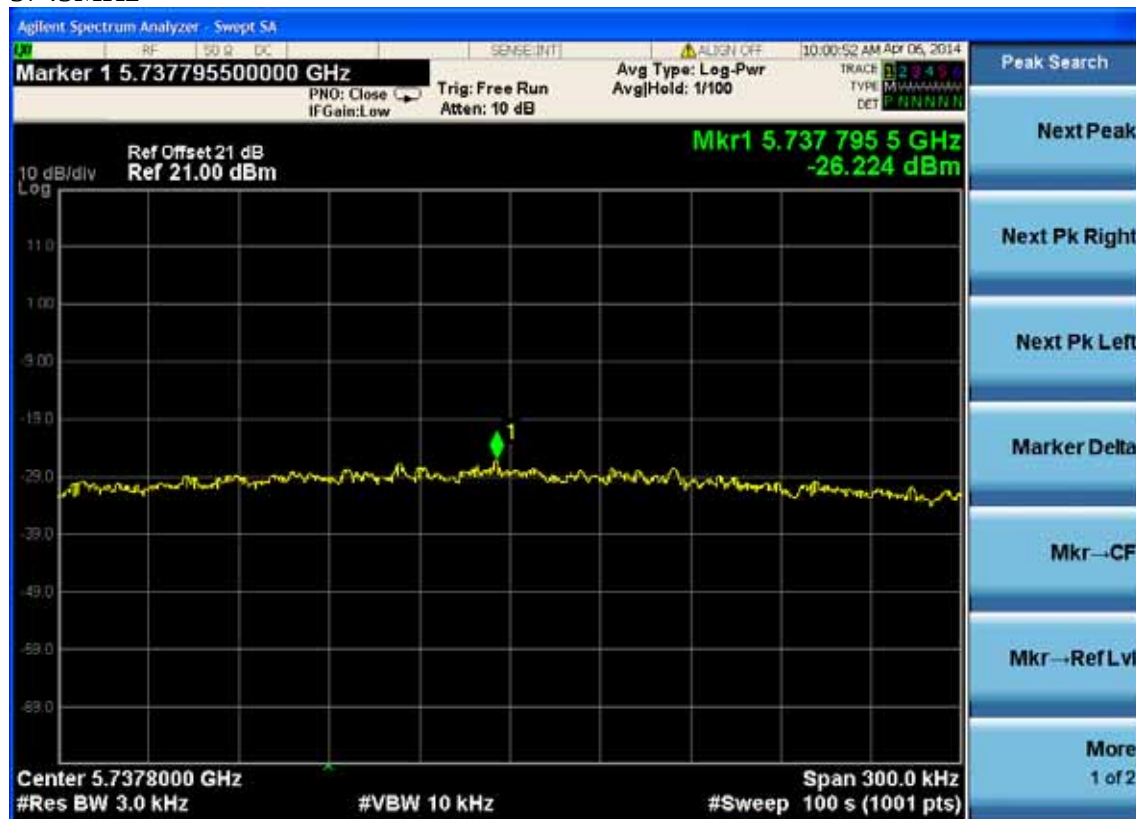


5825MHz

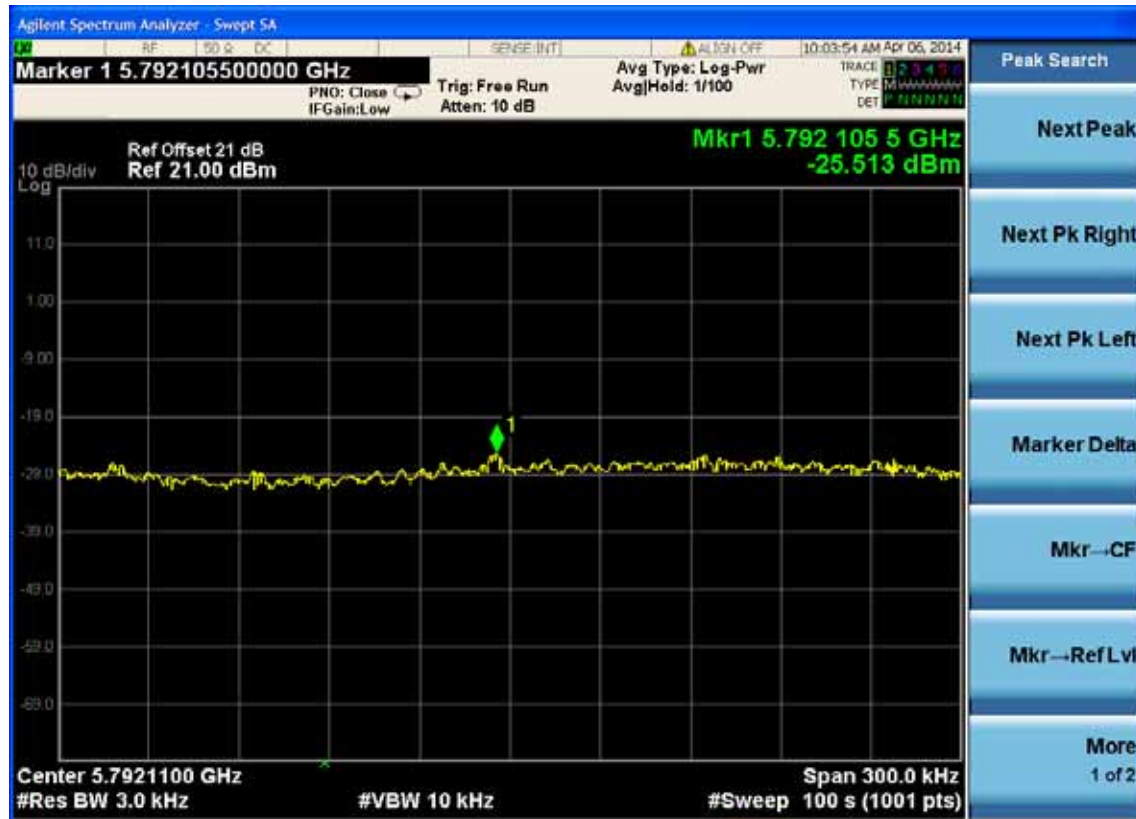


Test Mode: IEEE 802.11n HT20 TX

5745MHz



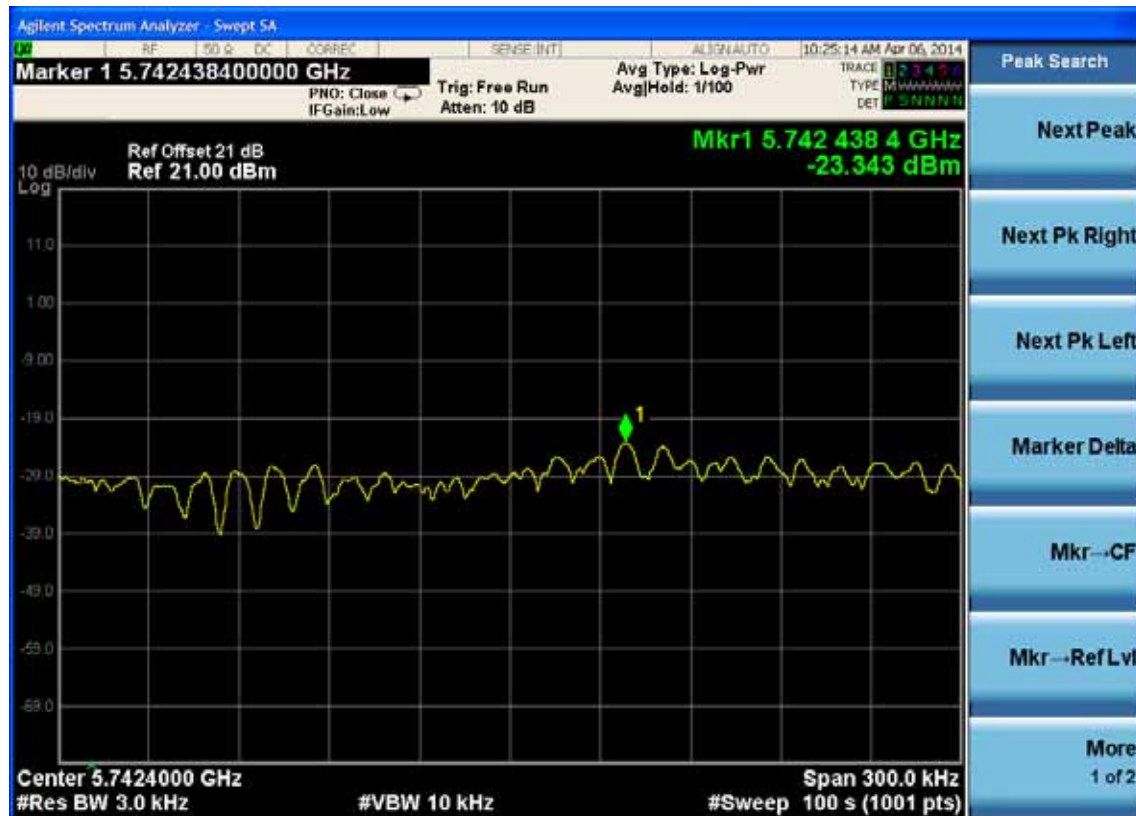
5785MHz



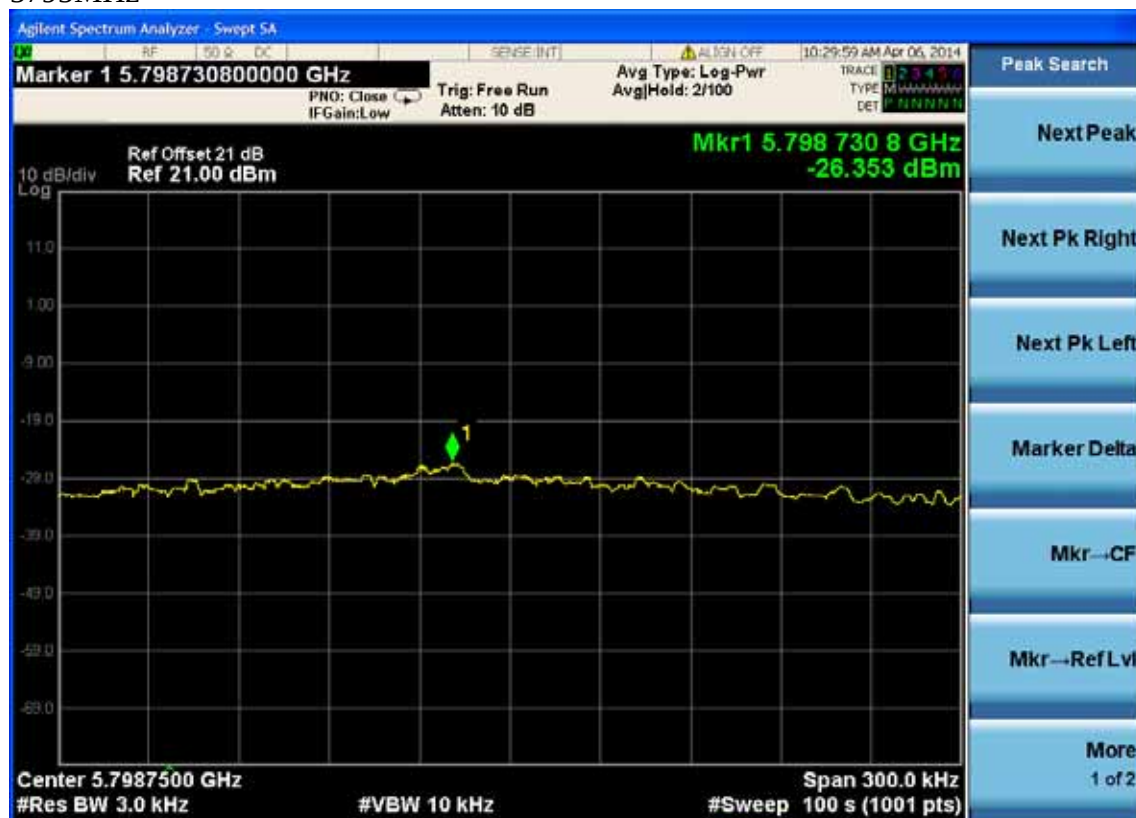
5825MHz



Test Mode: IEEE 802.11n HT40 TX
5755MHz



5795MHz



Test Mode: IEEE 802.11ac VHT20 TX
5745MHz



5785MHz



5825MHz



Test Mode: IEEE 802.11ac VHT40 TX

5755MHz



5795MHz



Test Mode: IEEE 802.11ac VHT80 TX

5775MHz



10. ANTENNA REQUIREMENT

10.1. 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.

10.2. ANTENNA CONNECTED CONSTRUCTION

The antennas used for this product are Monopole 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 4.38dBi.

11.DEVIATION TO TEST SPECIFICATIONS

[NONE]