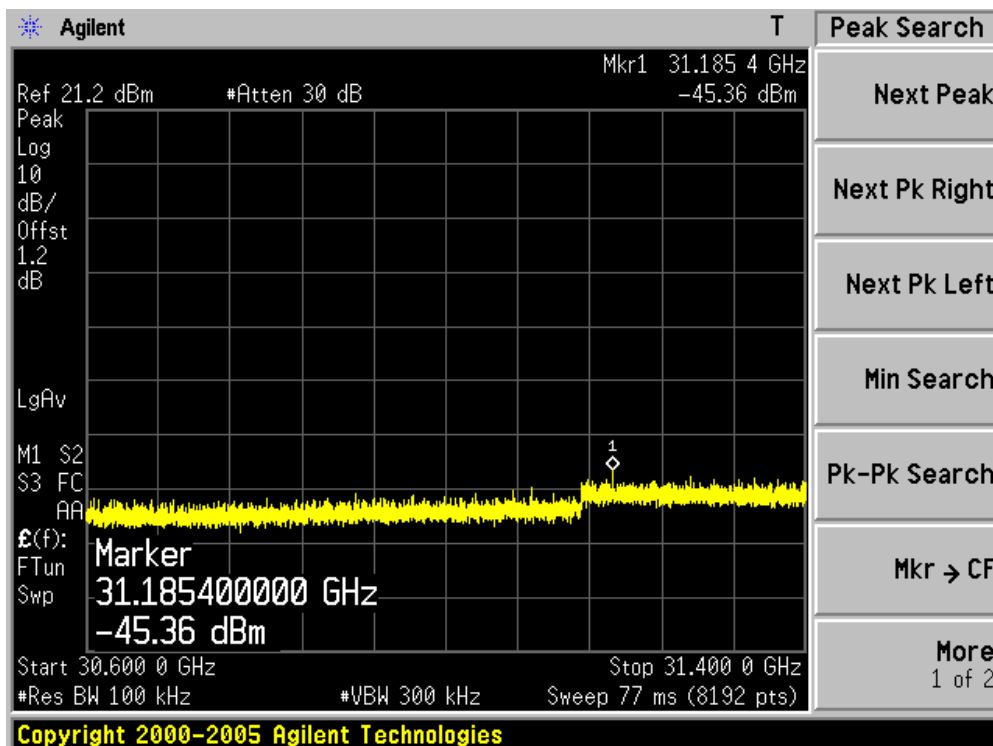
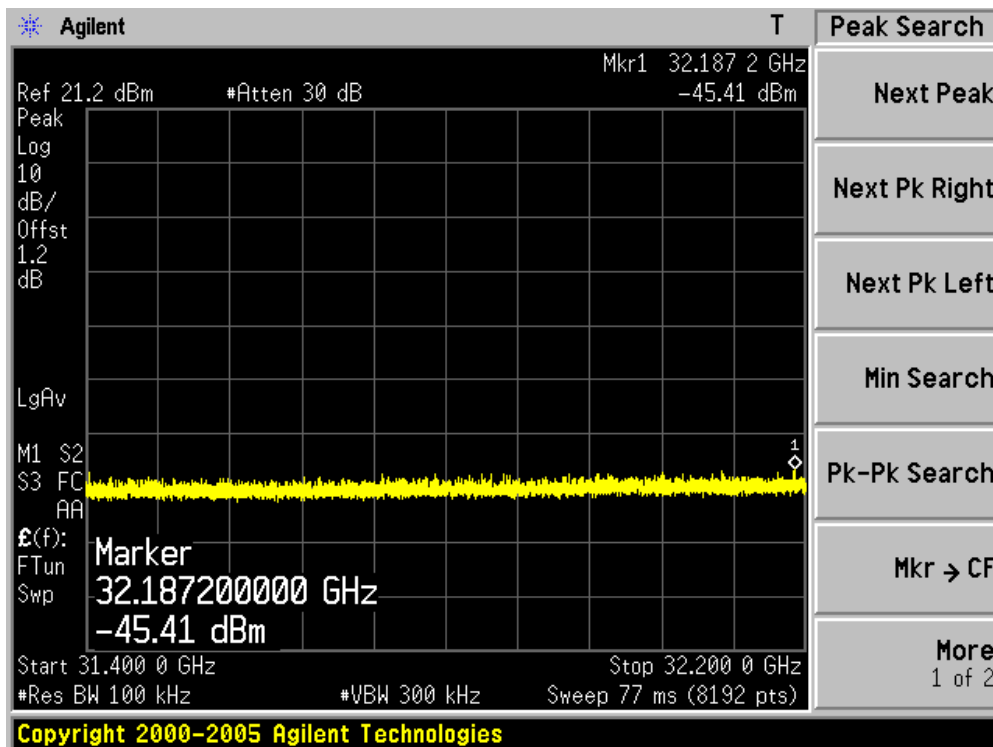


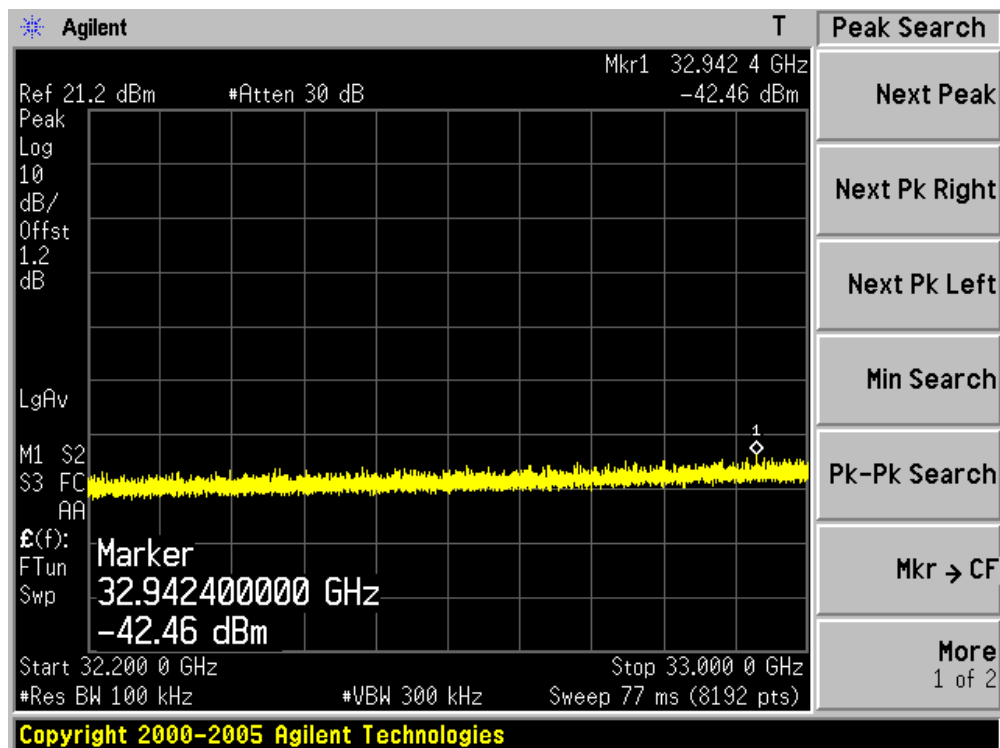
Channel 149 (5745MHz)-8



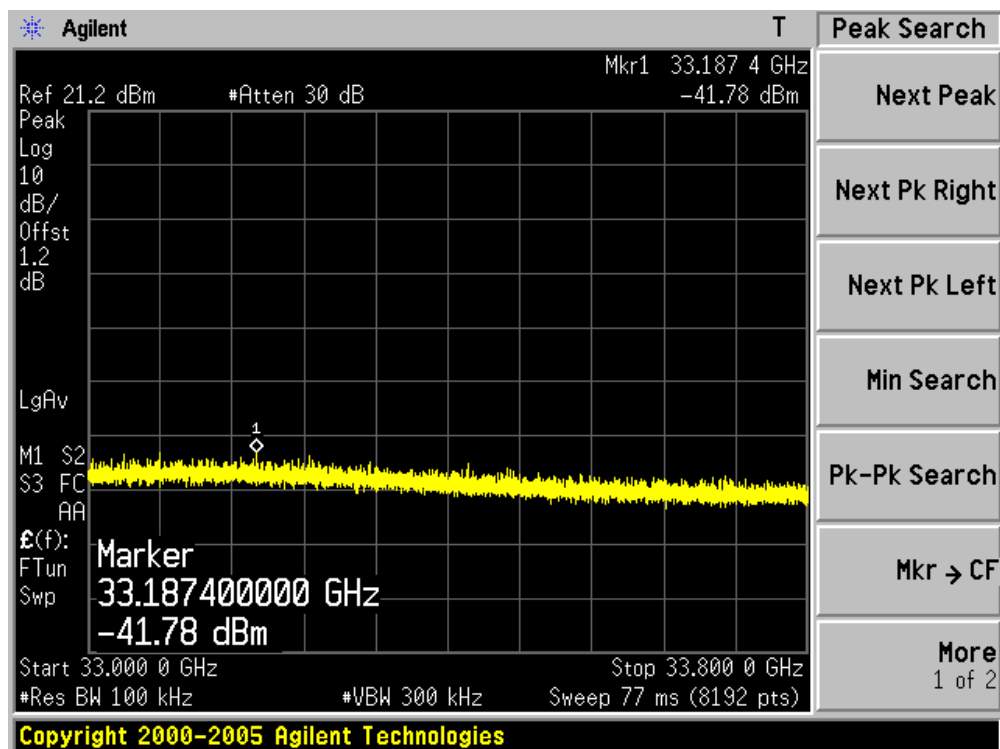
Channel 149 (5745MHz)-9



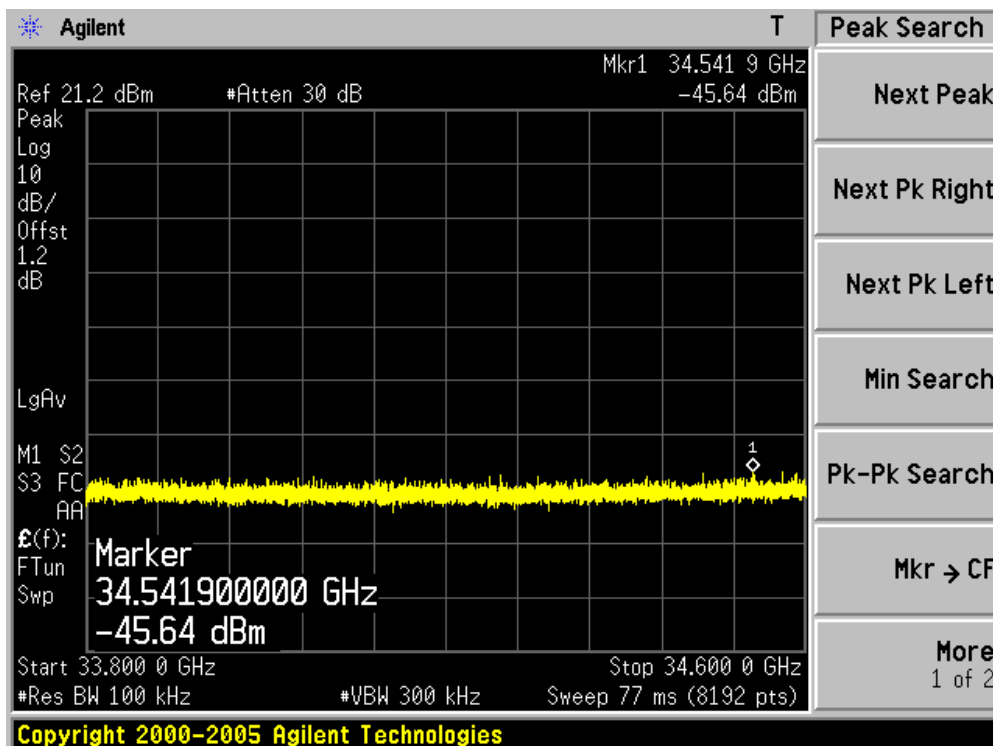
Channel 149 (5745MHz)-10



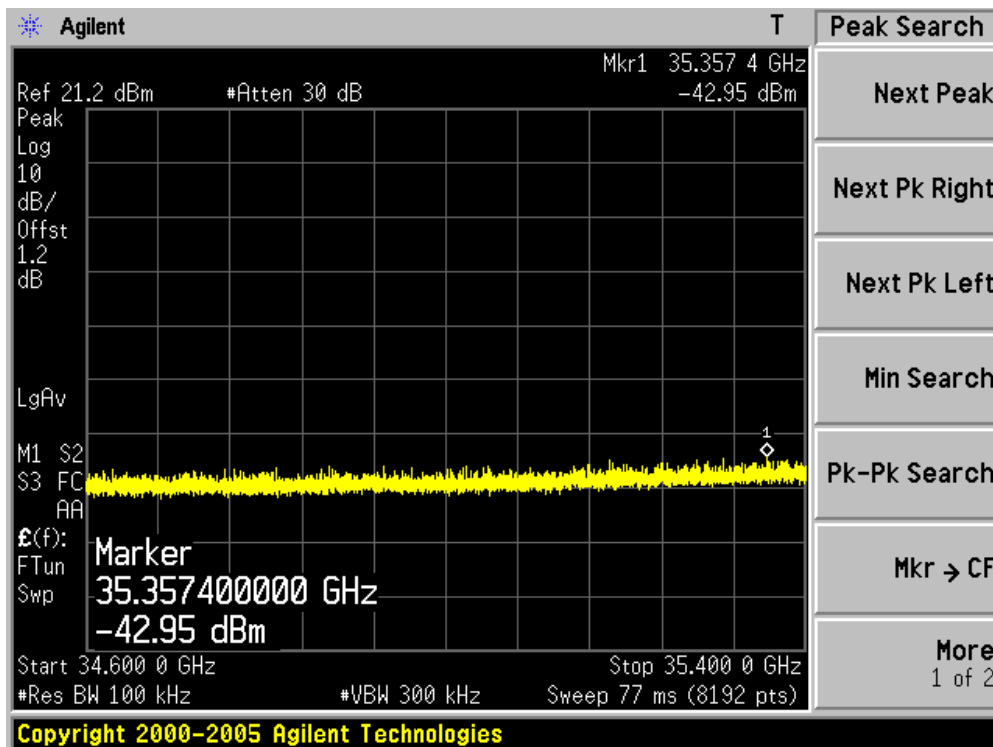
Channel 149 (5745MHz)-11



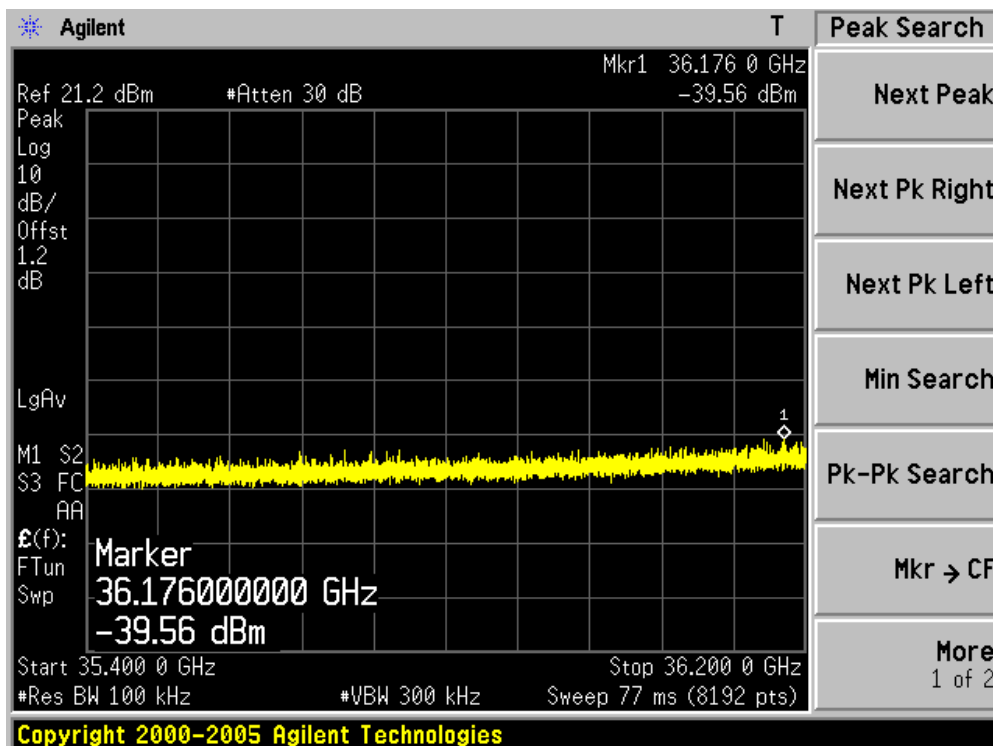
Channel 149 (5745MHz)-12



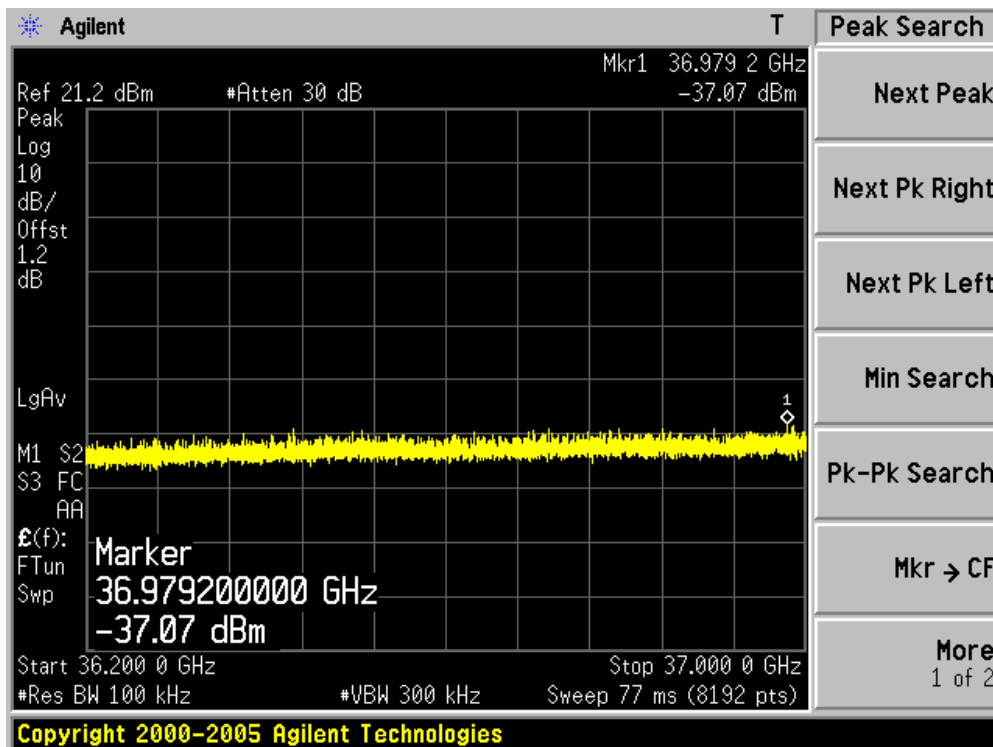
Channel 149 (5745MHz)-13



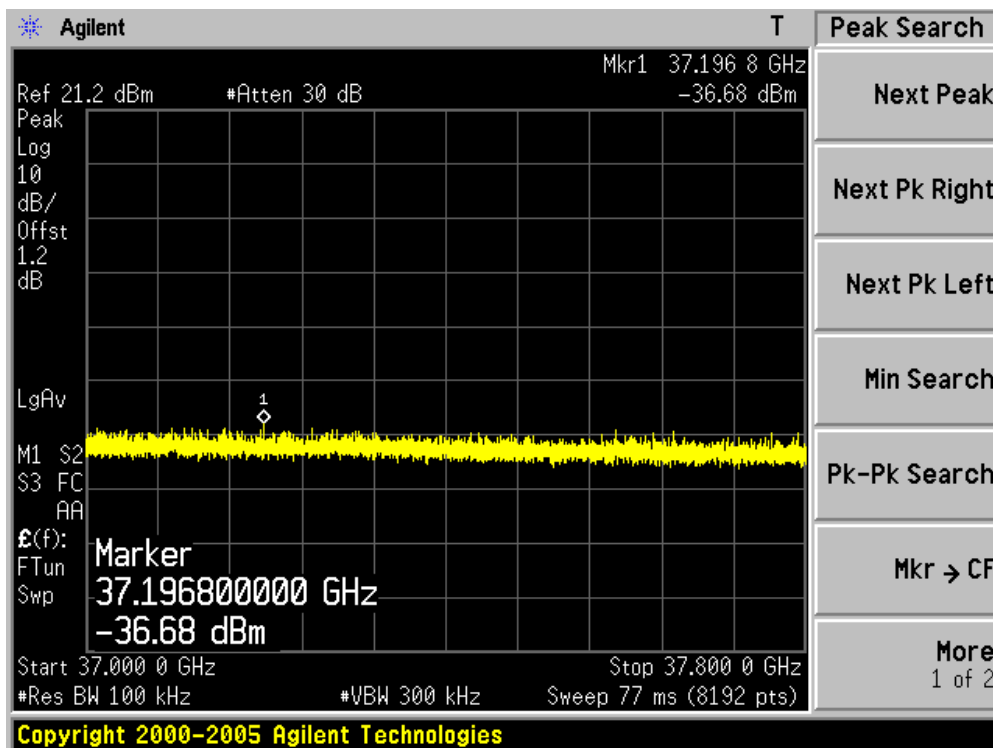
Channel 149 (5745MHz)-14



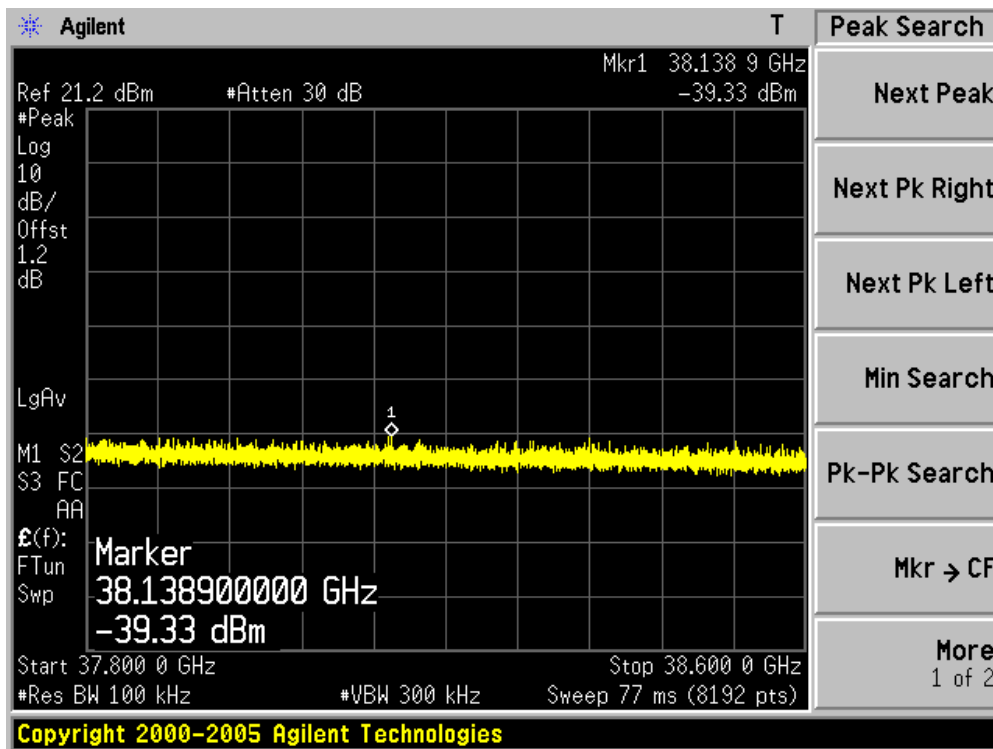
Channel 149 (5745MHz)-15



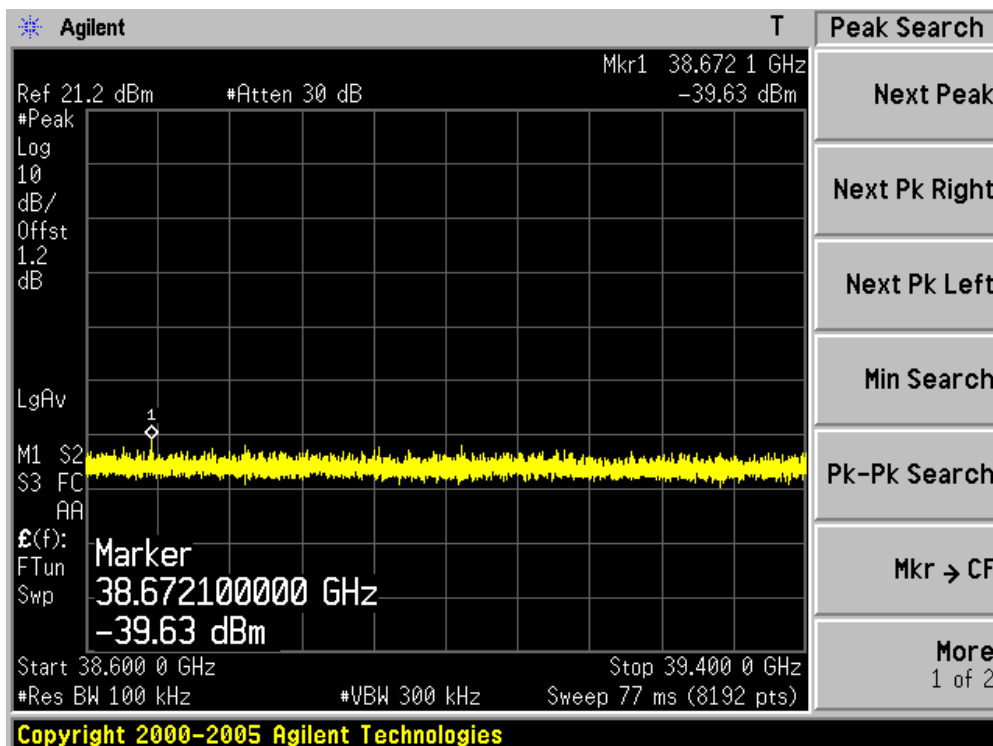
Channel 149 (5745MHz)-16



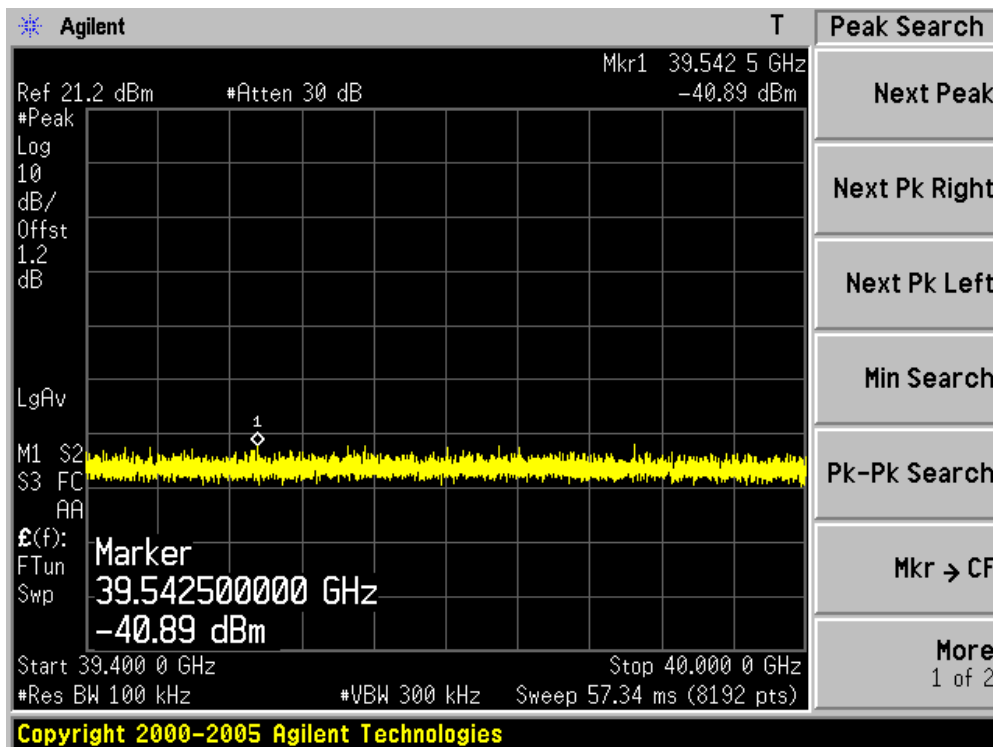
Channel 149 (5745MHz)-17



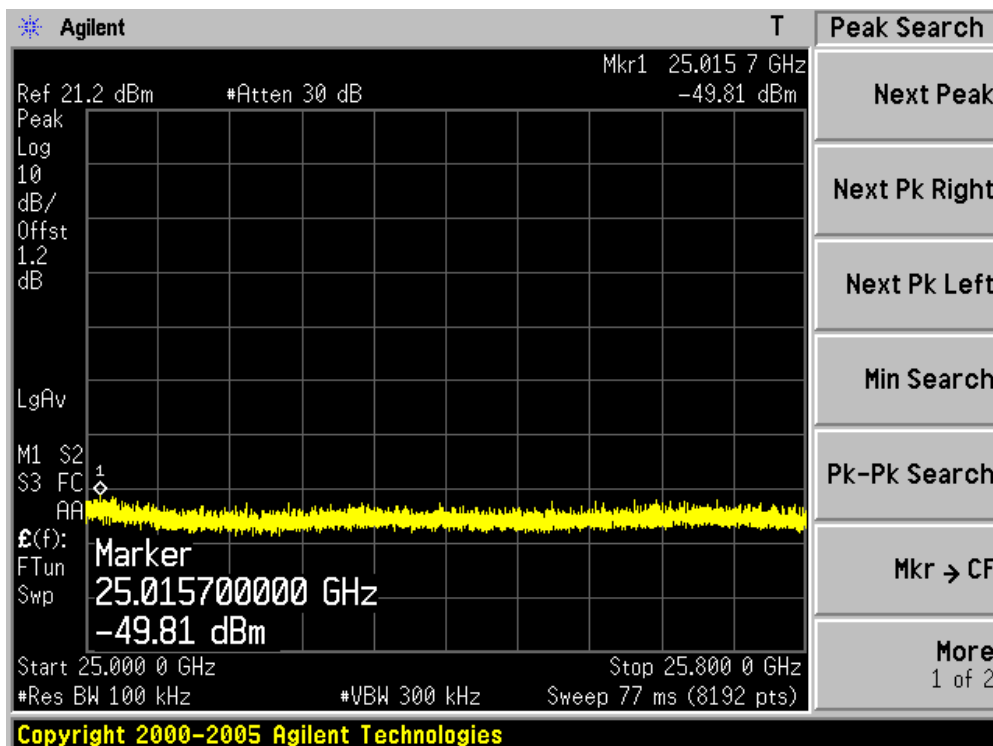
Channel 149 (5745MHz)-18



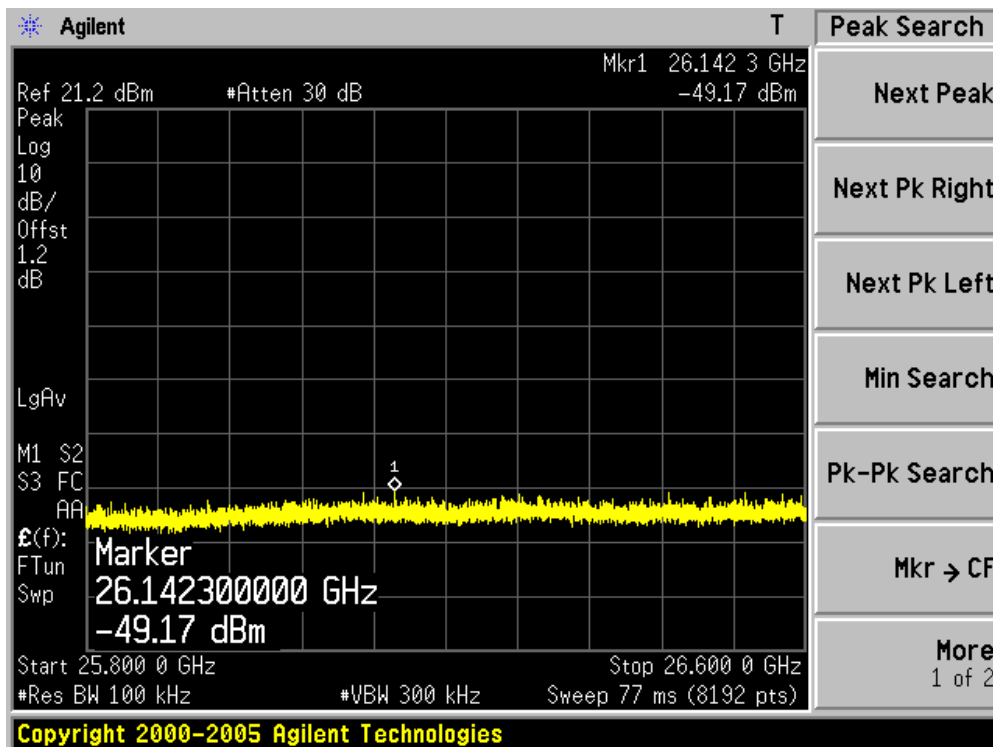
Channel 149 (5745MHz)-19



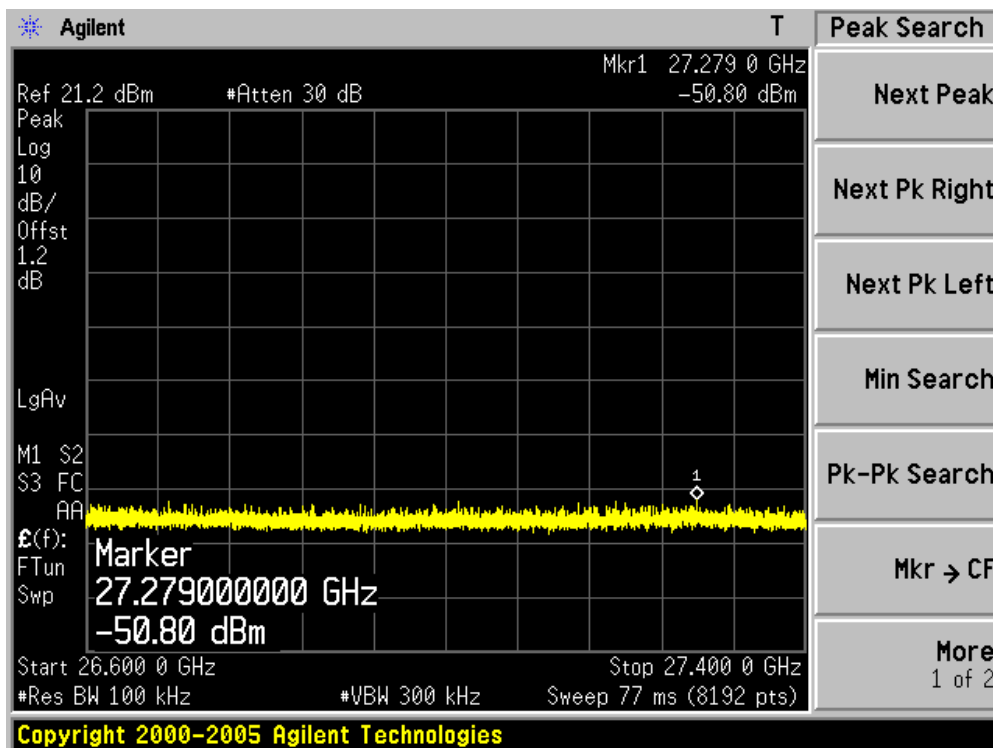
Channel 157 (5785MHz)-1



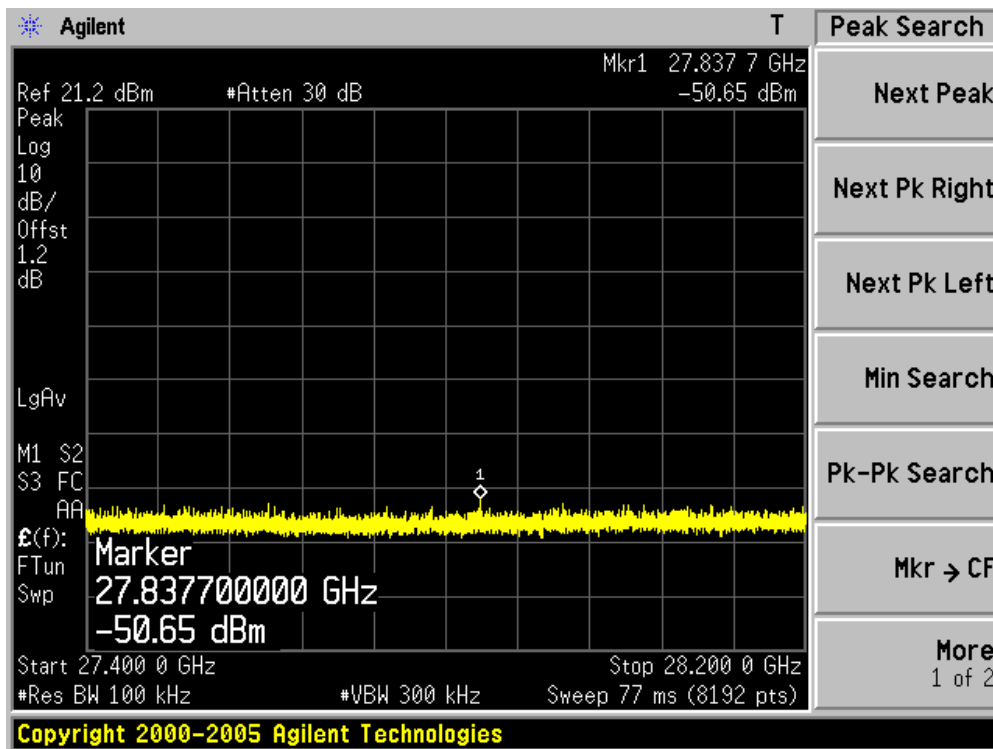
Channel 157 (5785MHz)-2



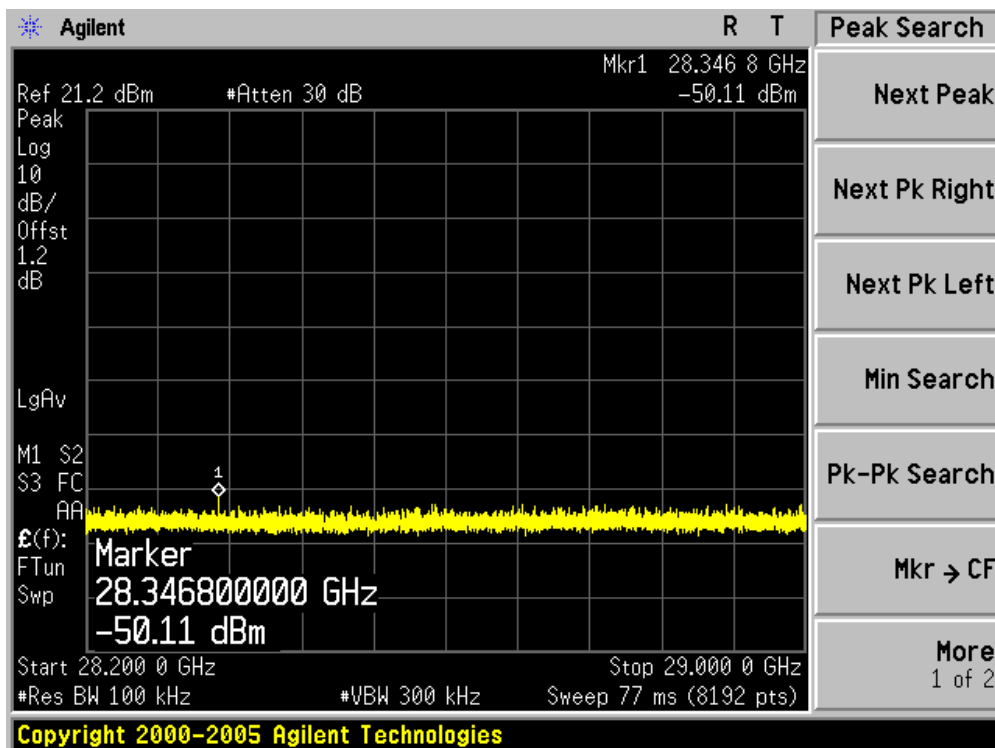
Channel 157 (5785MHz)-3



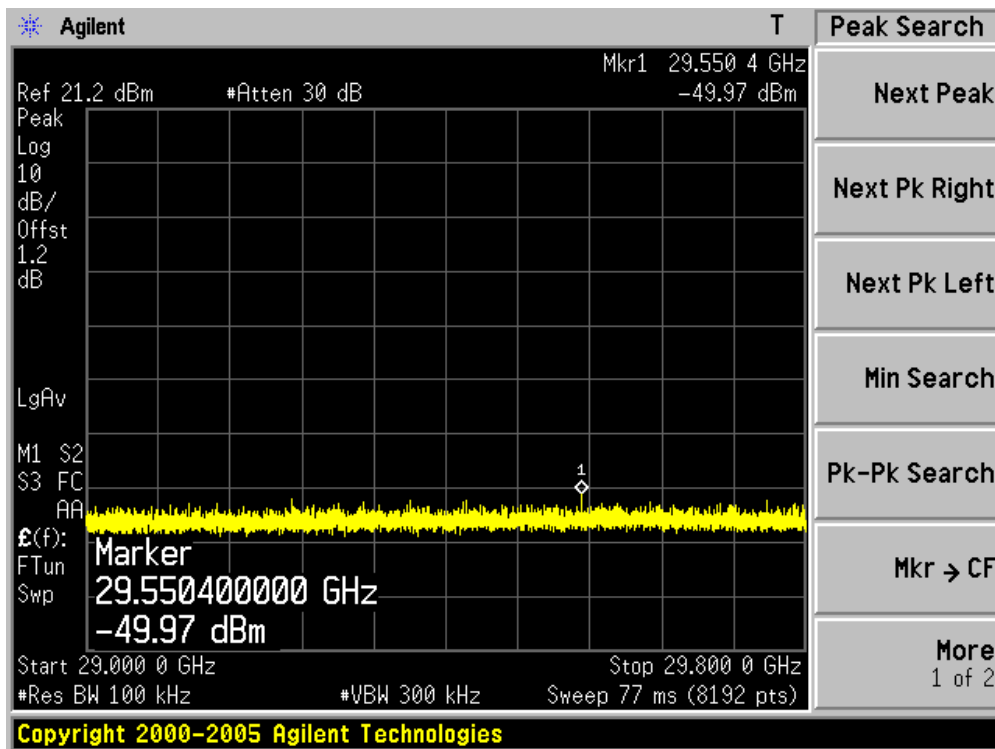
Channel 157 (5785MHz)-4



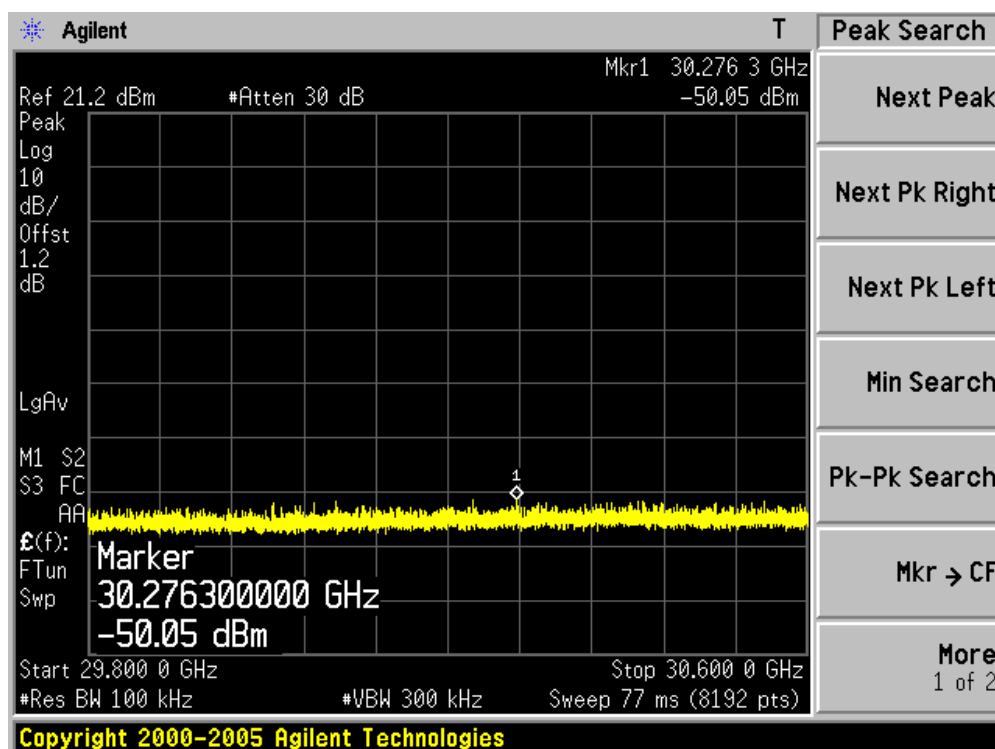
Channel 157 (5785MHz)-5



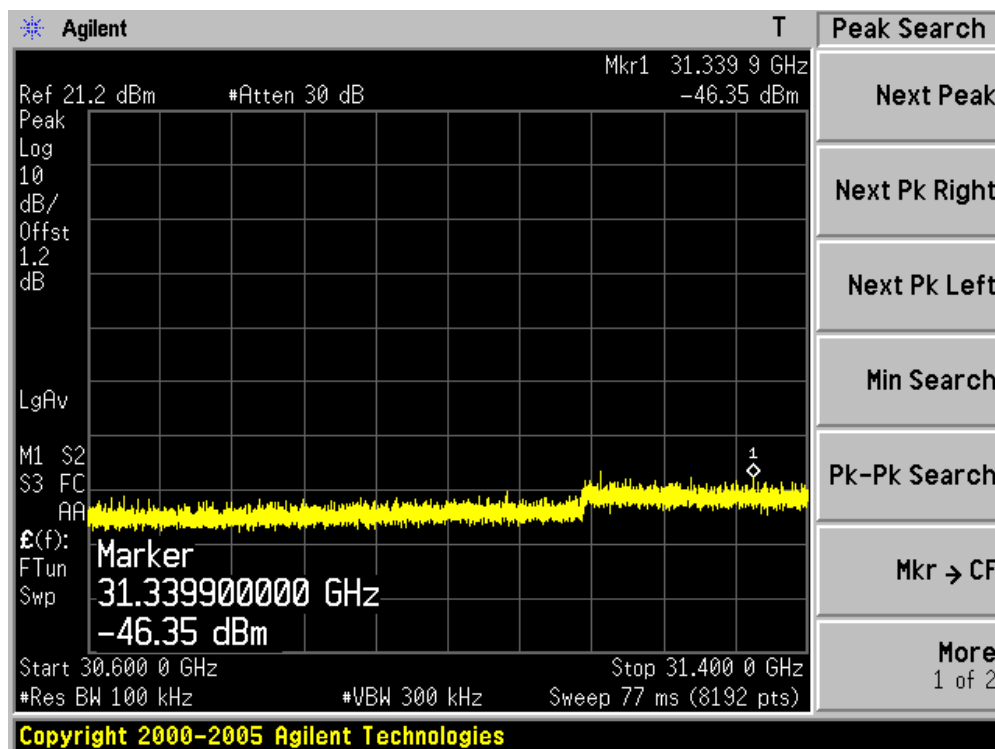
Channel 157 (5785MHz)-6



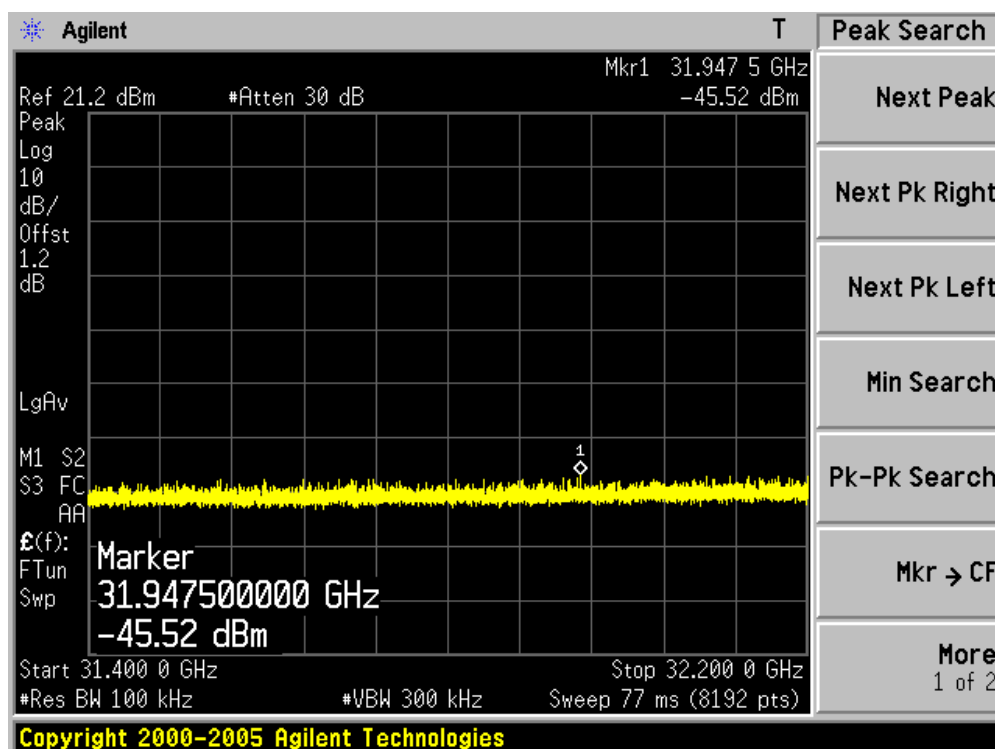
Channel 157 (5785MHz)-7



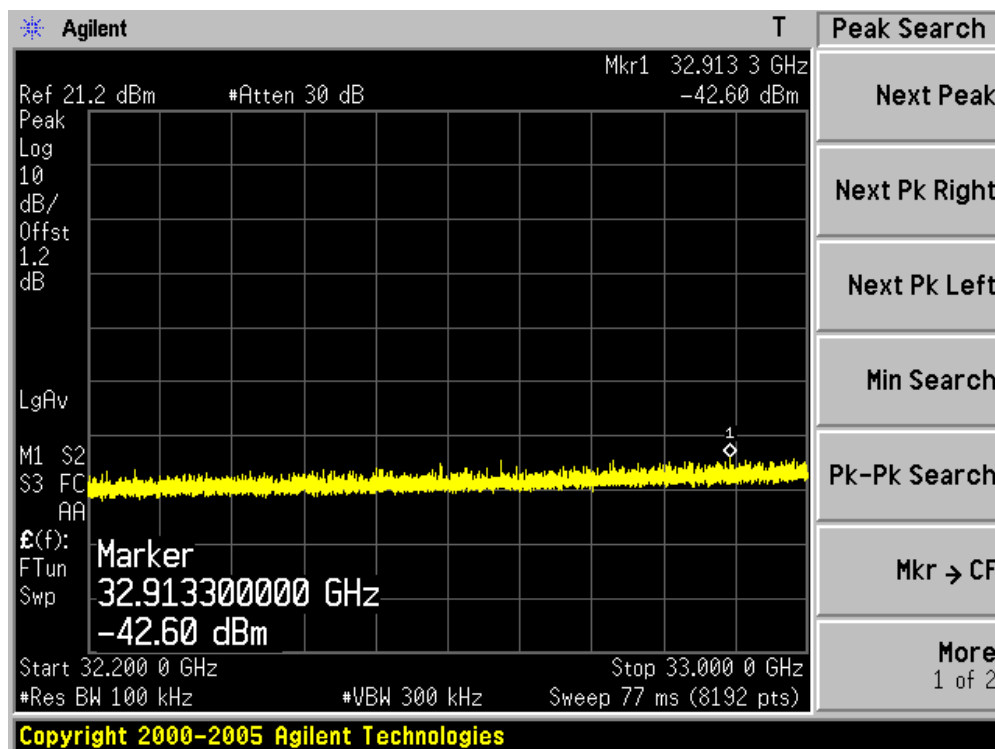
Channel 157 (5785MHz)-8



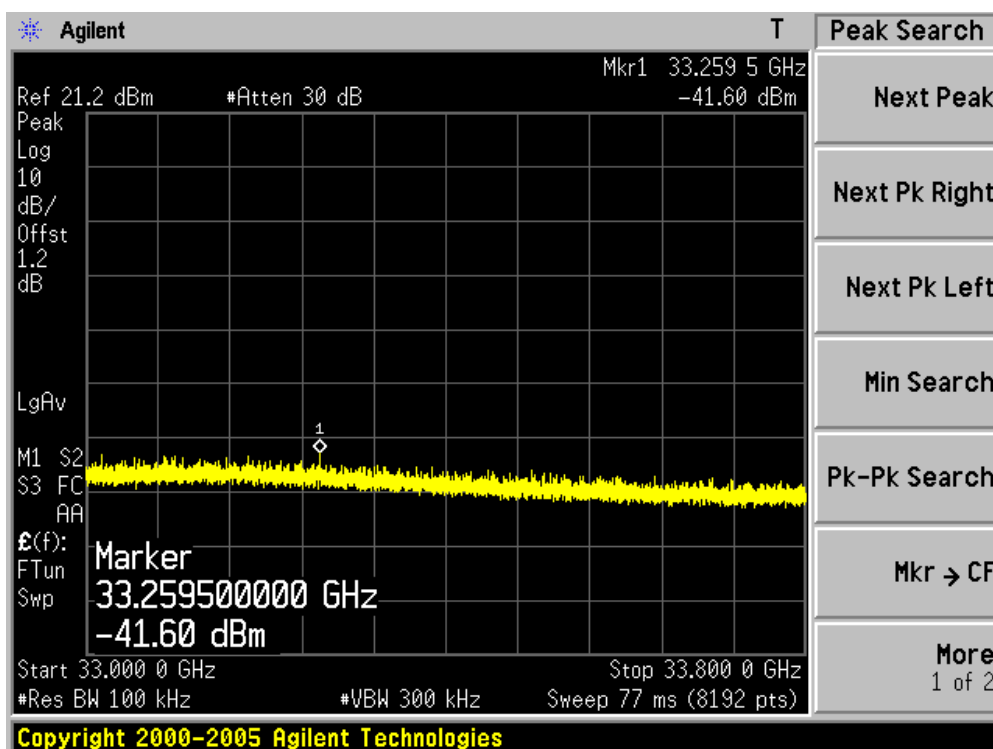
Channel 157 (5785MHz)-9



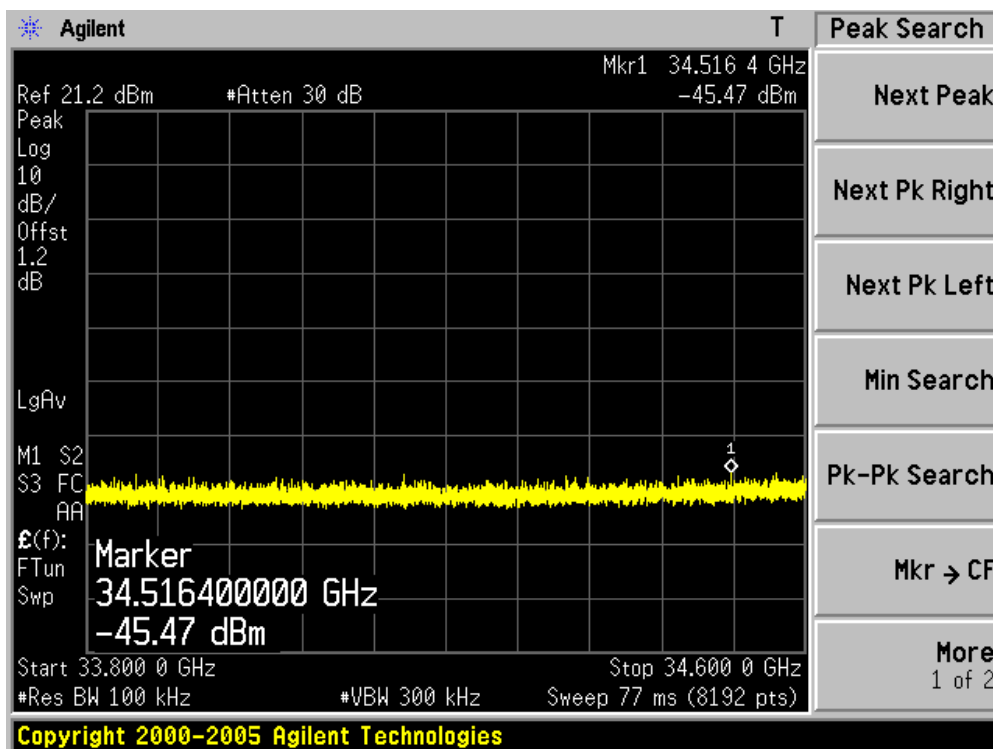
Channel 157 (5785MHz)-10



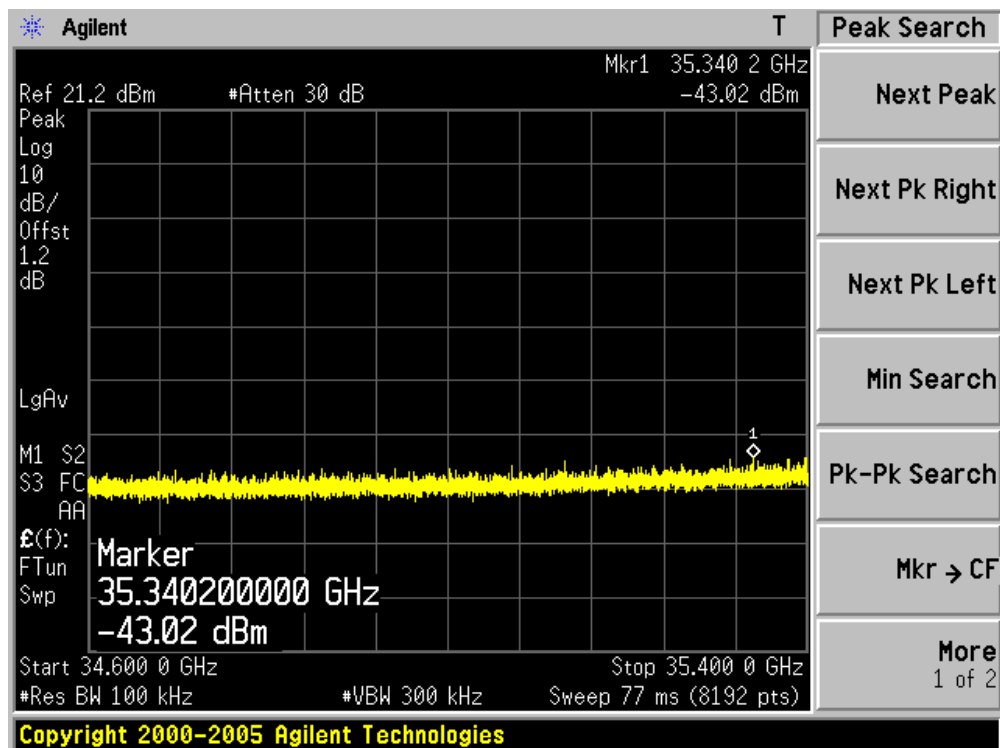
Channel 157 (5785MHz)-11



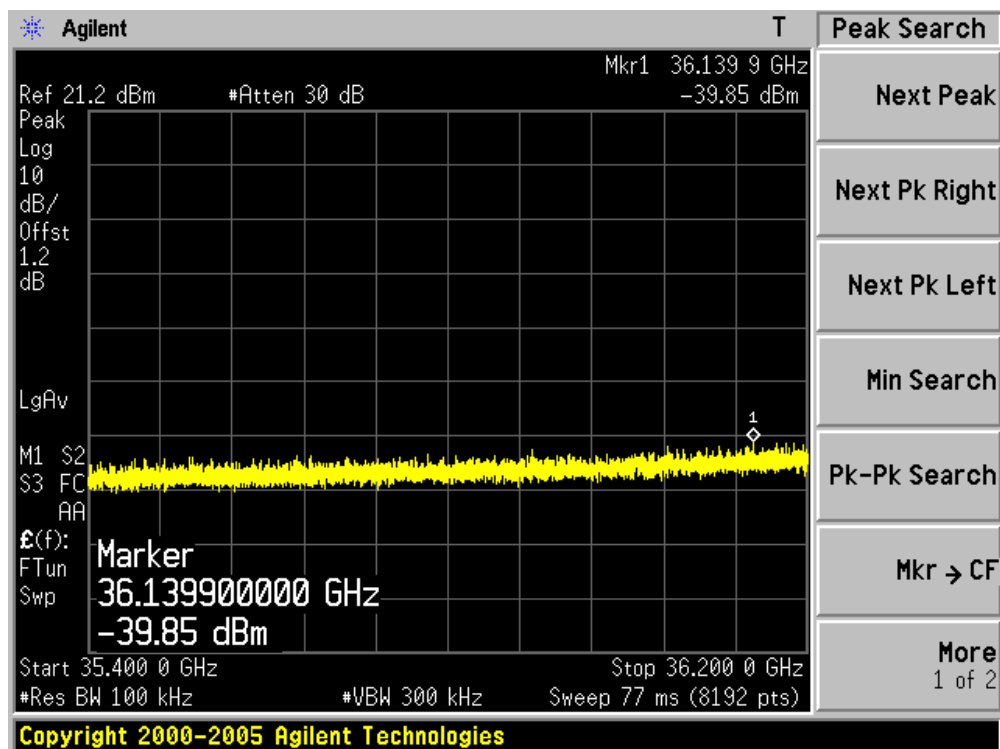
Channel 157 (5785MHz)-12



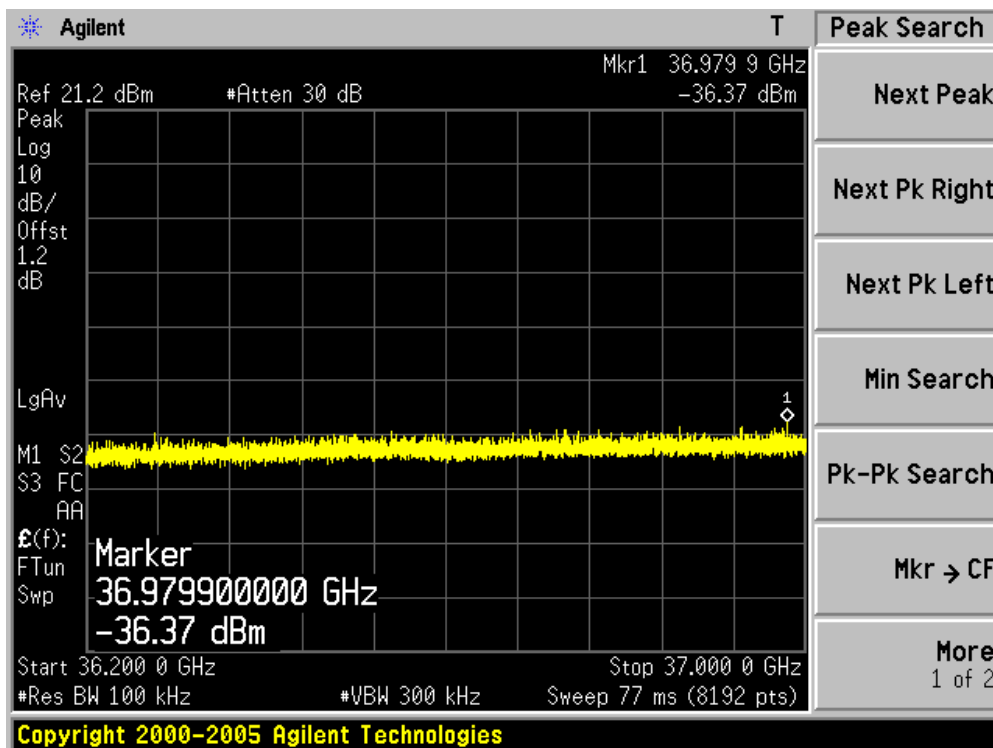
Channel 157 (5785MHz)-13



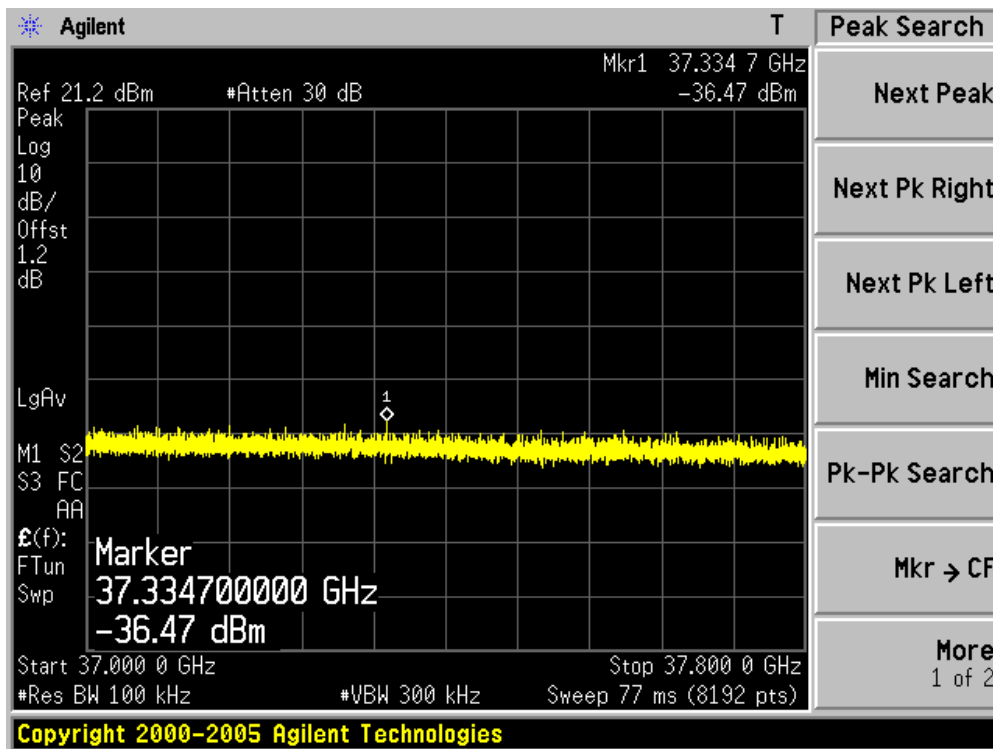
Channel 157 (5785MHz)-14



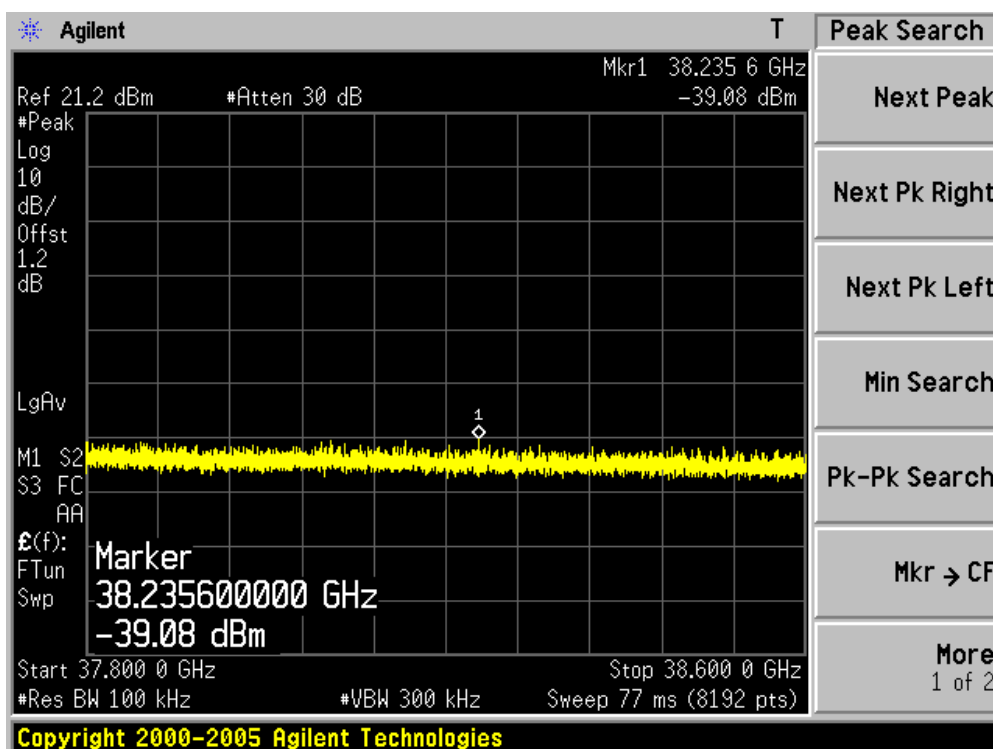
Channel 157 (5785MHz)-15



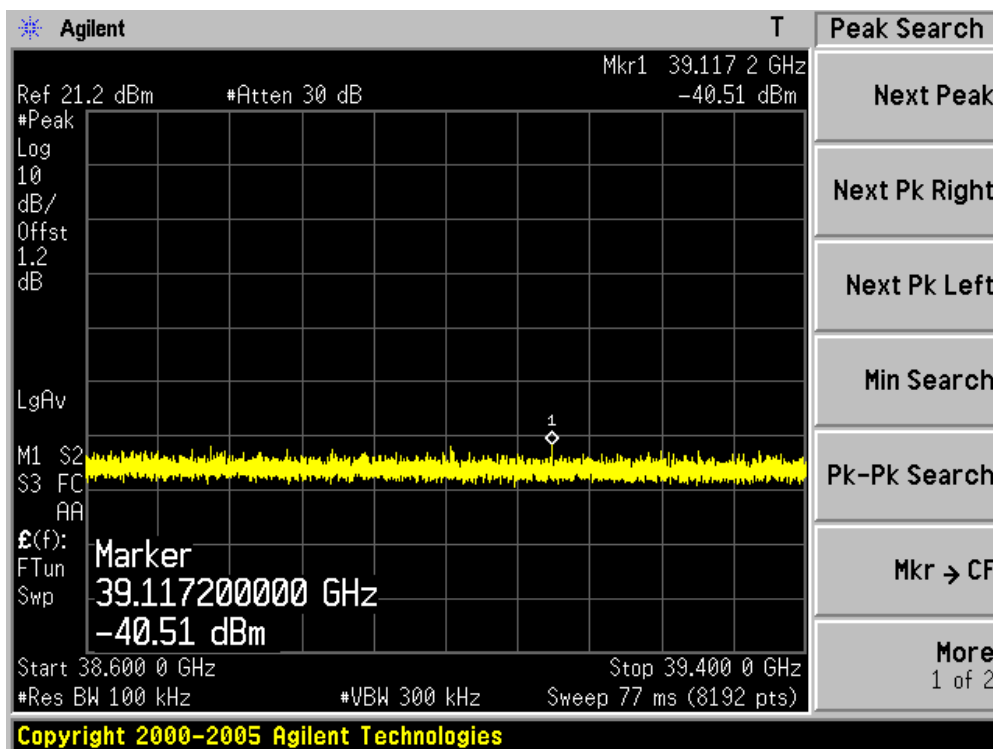
Channel 157 (5785MHz)-16



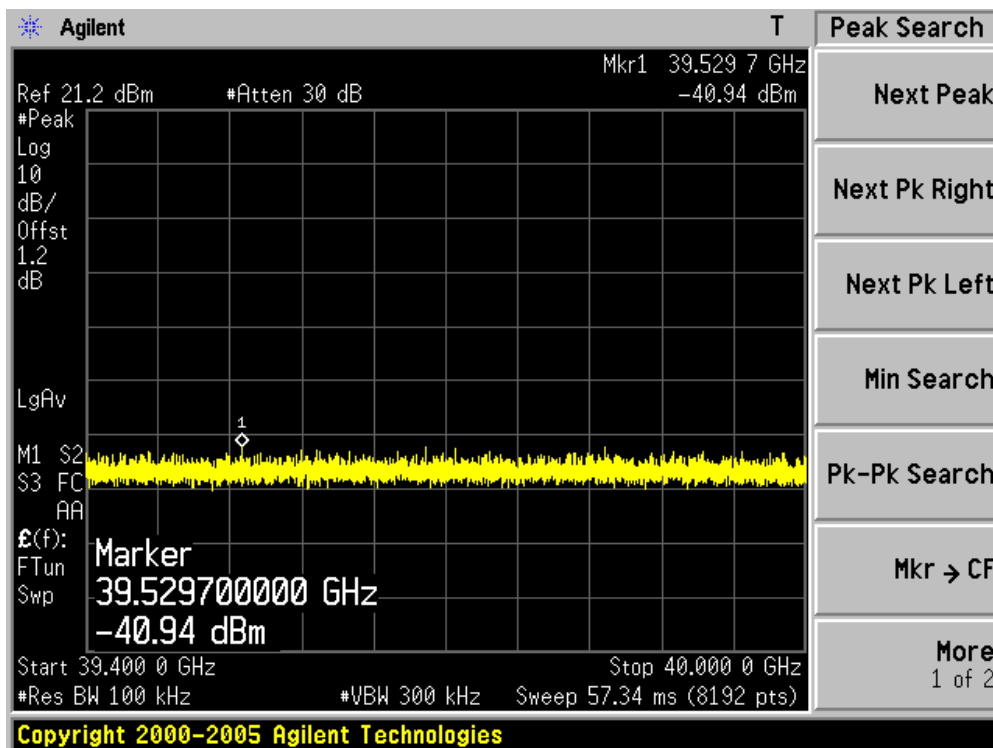
Channel 157 (5785MHz)-17



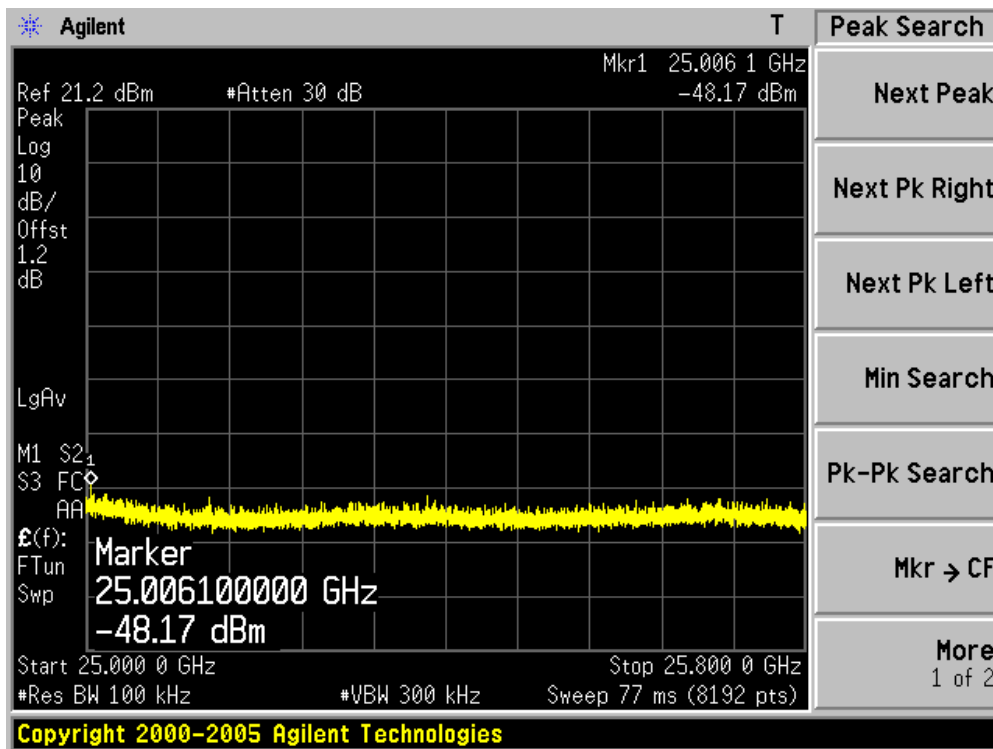
Channel 157 (5785MHz)-18



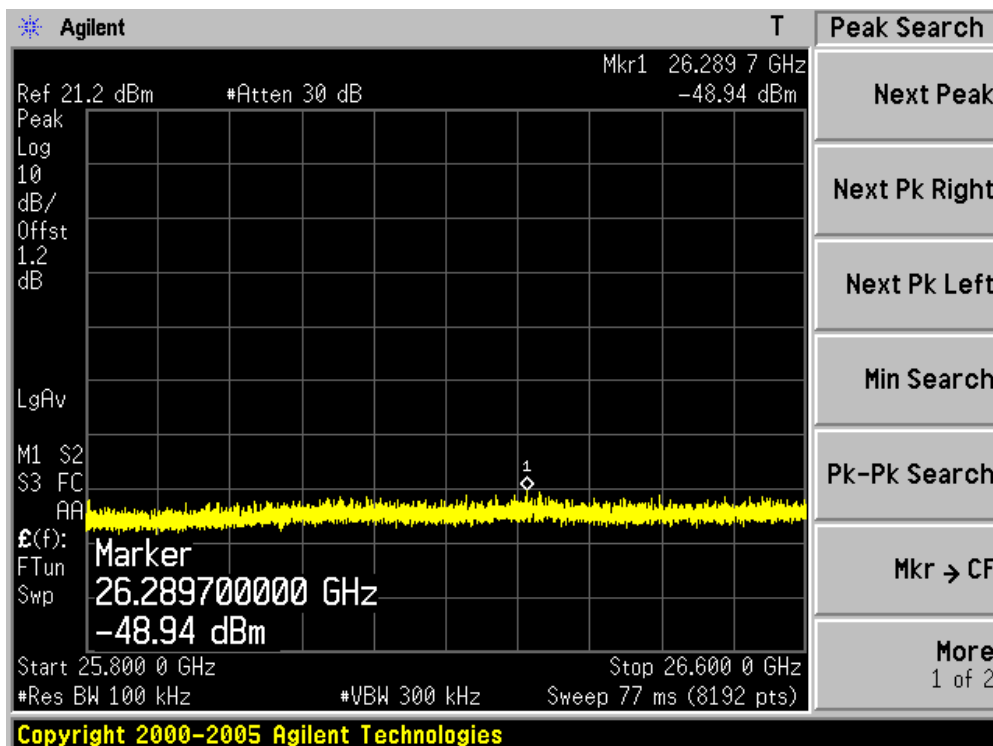
Channel 157 (5785MHz)-19



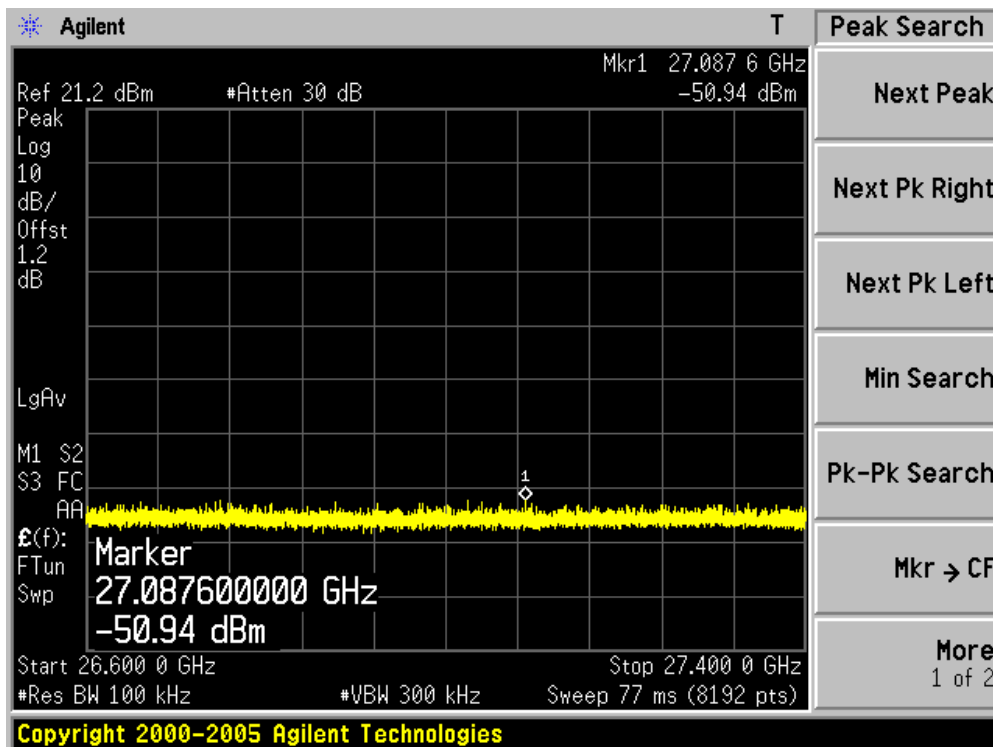
Channel 165 (5825MHz)-1



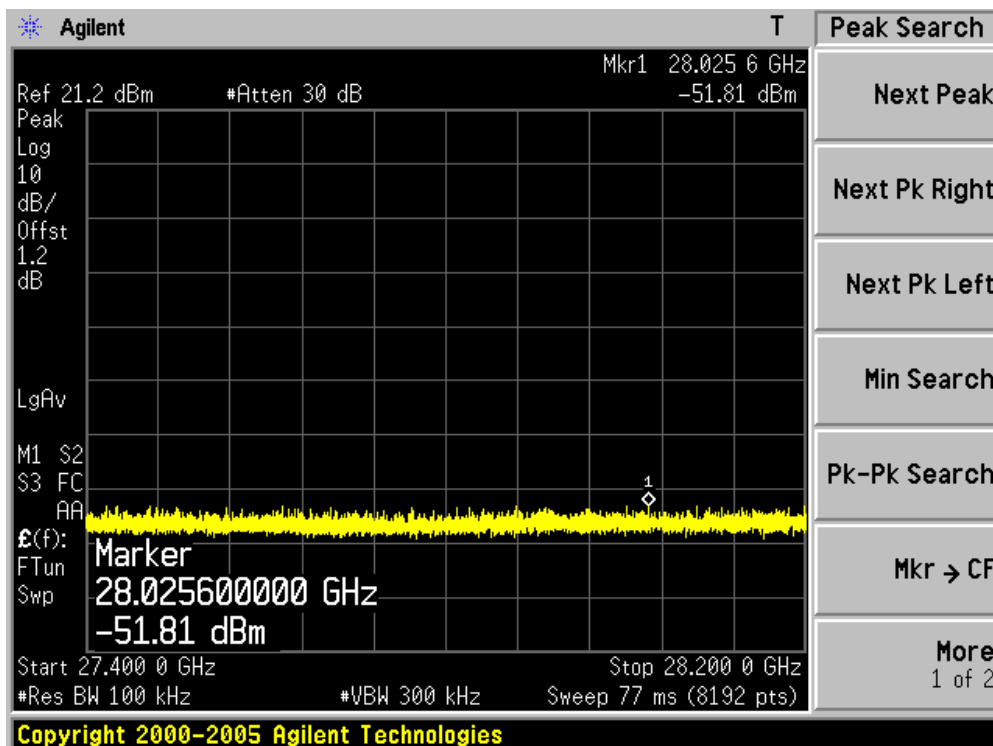
Channel 165 (5825MHz)-2



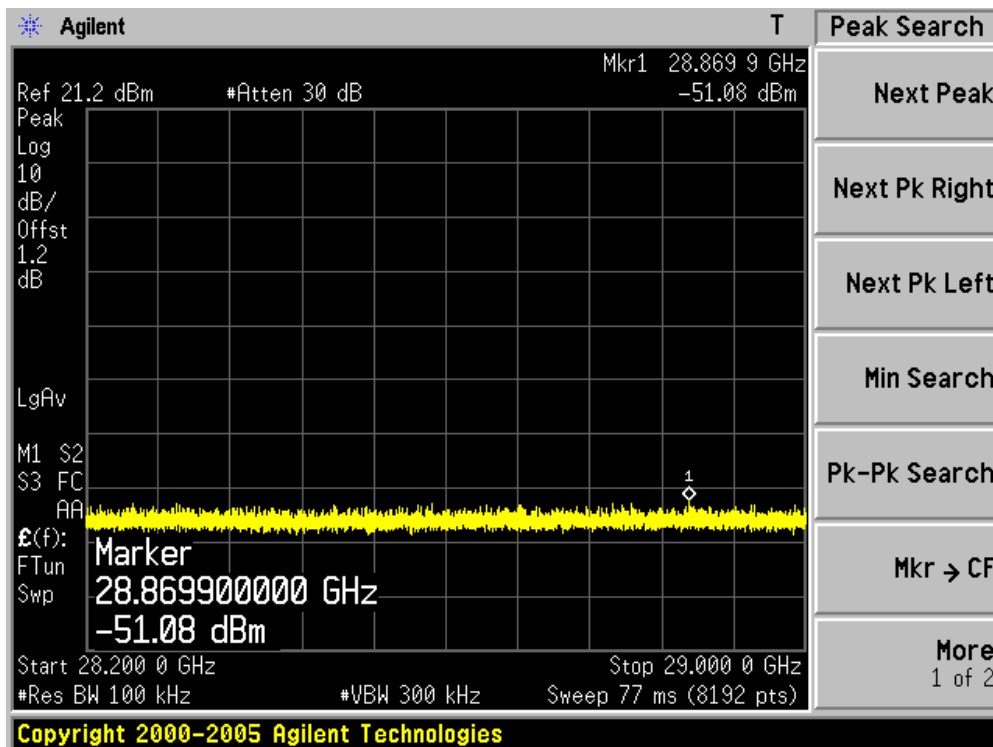
Channel 165 (5825MHz)-3



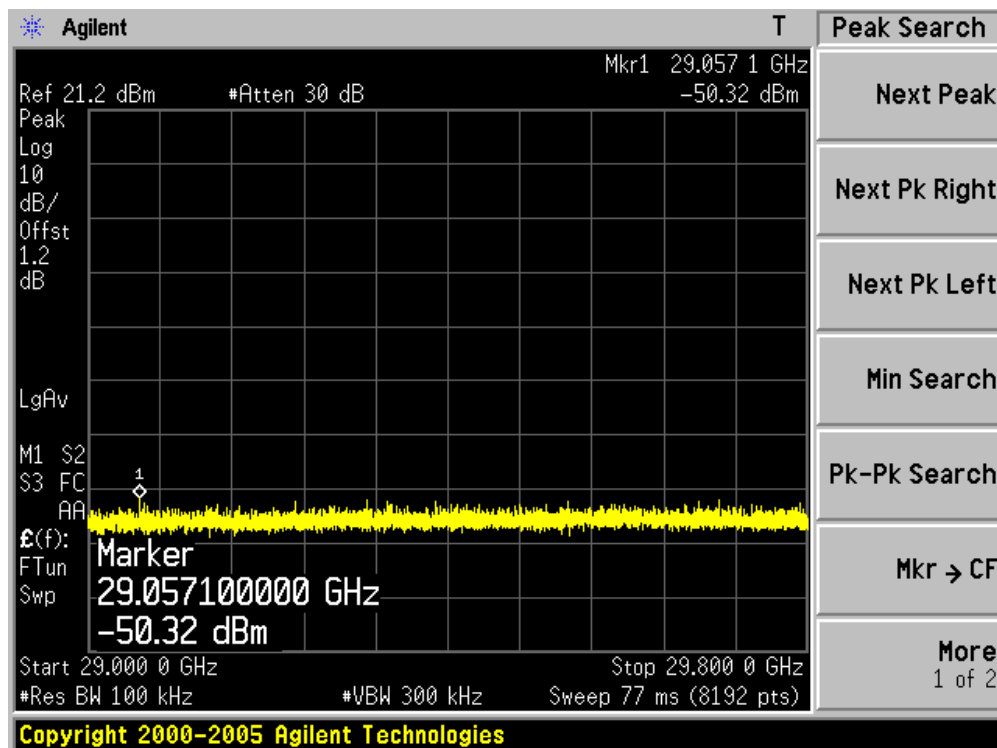
Channel 165 (5825MHz)-4



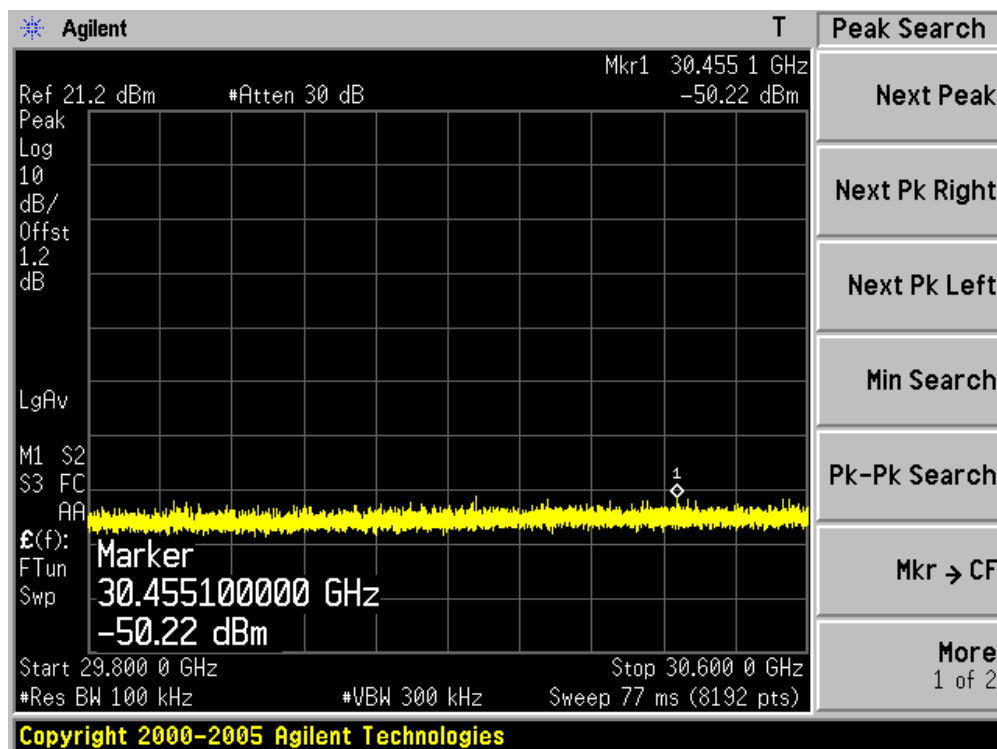
Channel 165 (5825MHz)-5



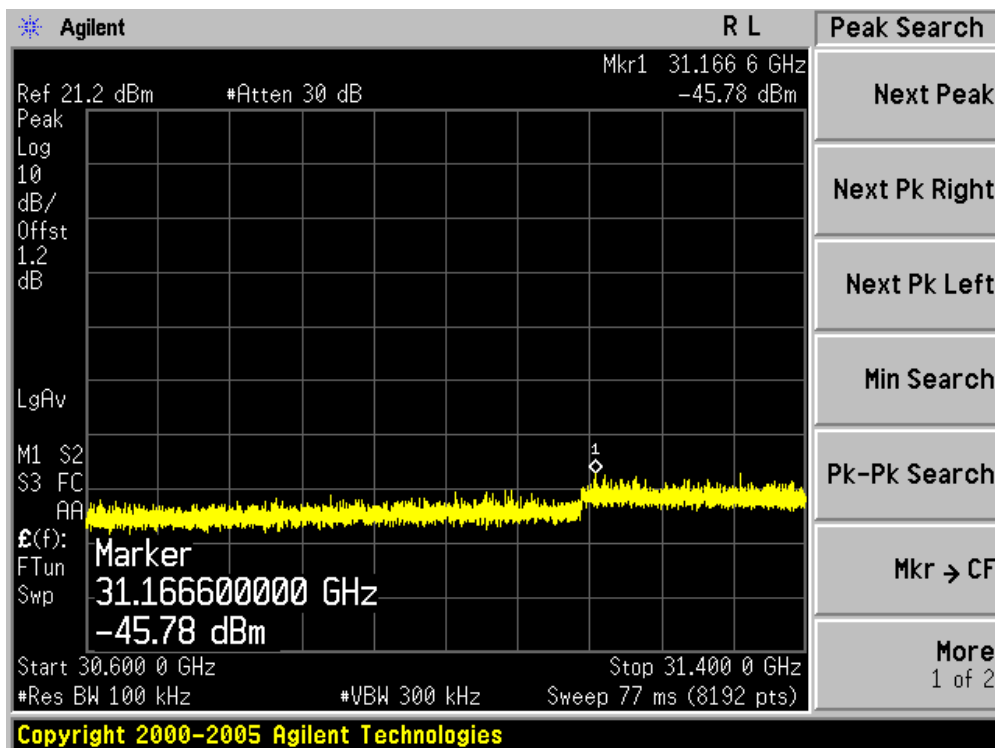
Channel 165 (5825MHz)-6



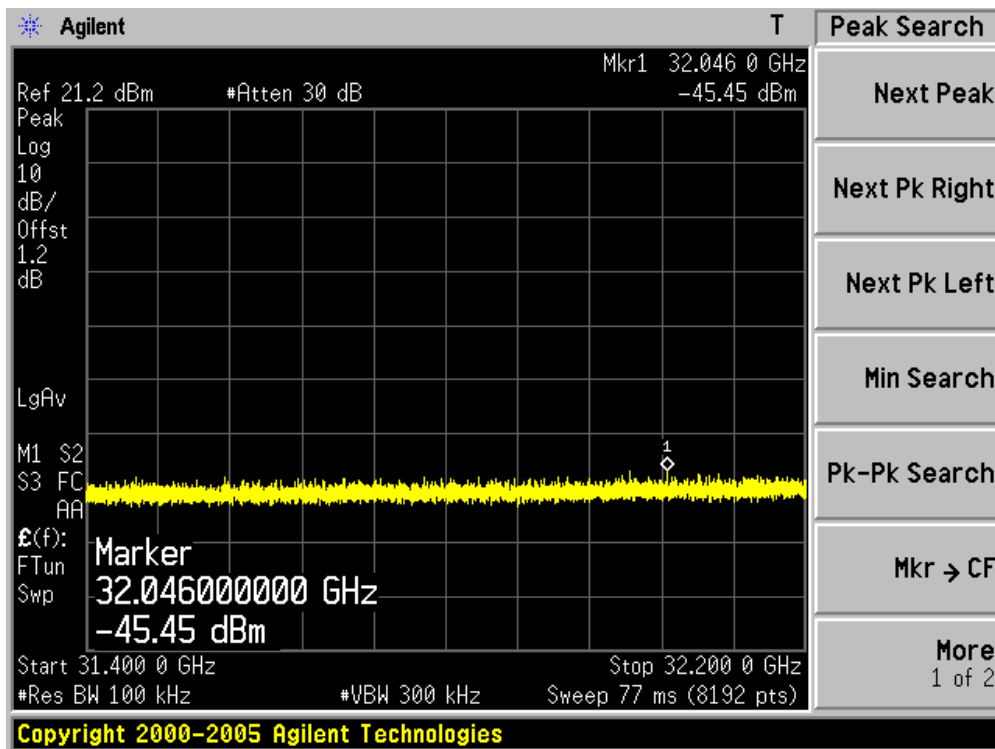
Channel 165 (5825MHz)-7



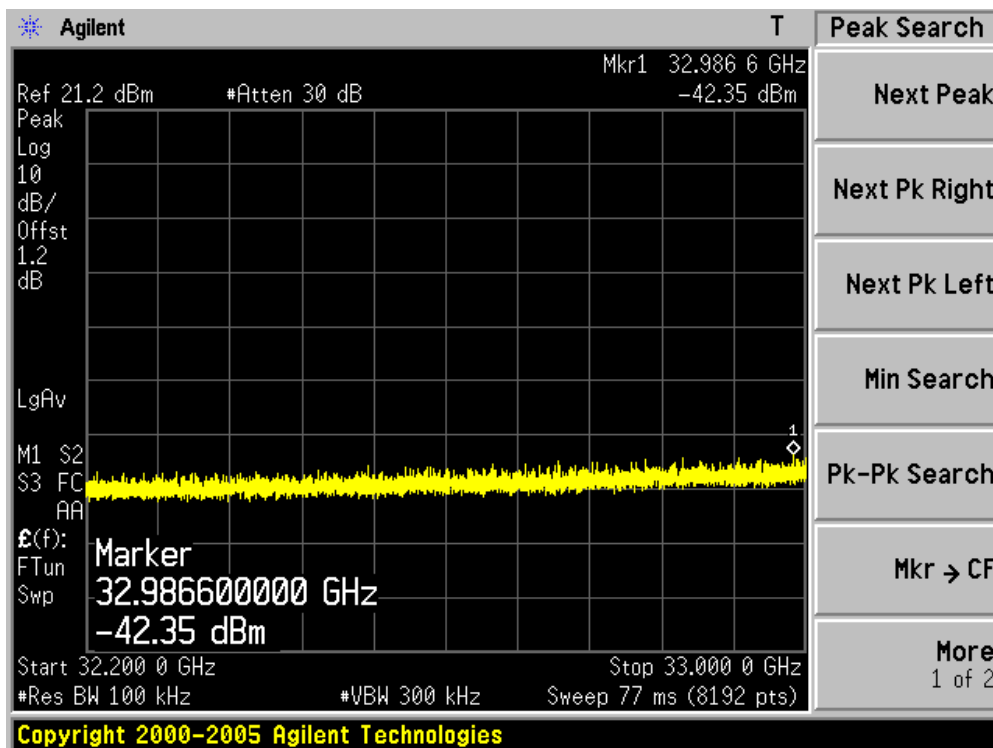
Channel 165 (5825MHz)-8



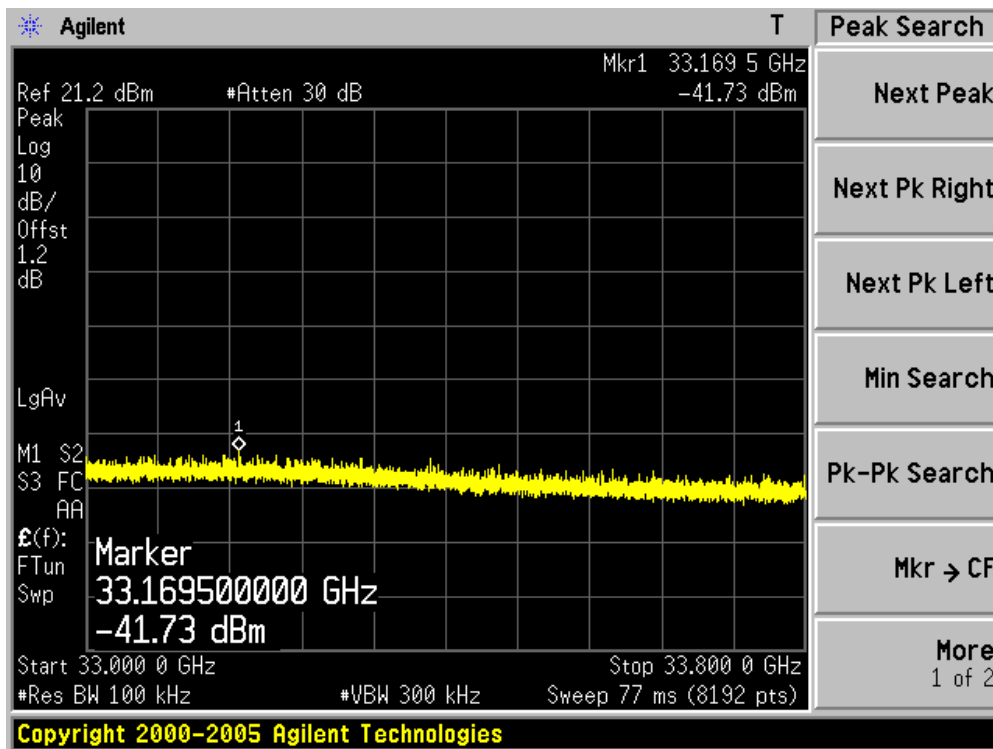
Channel 165 (5825MHz)-9



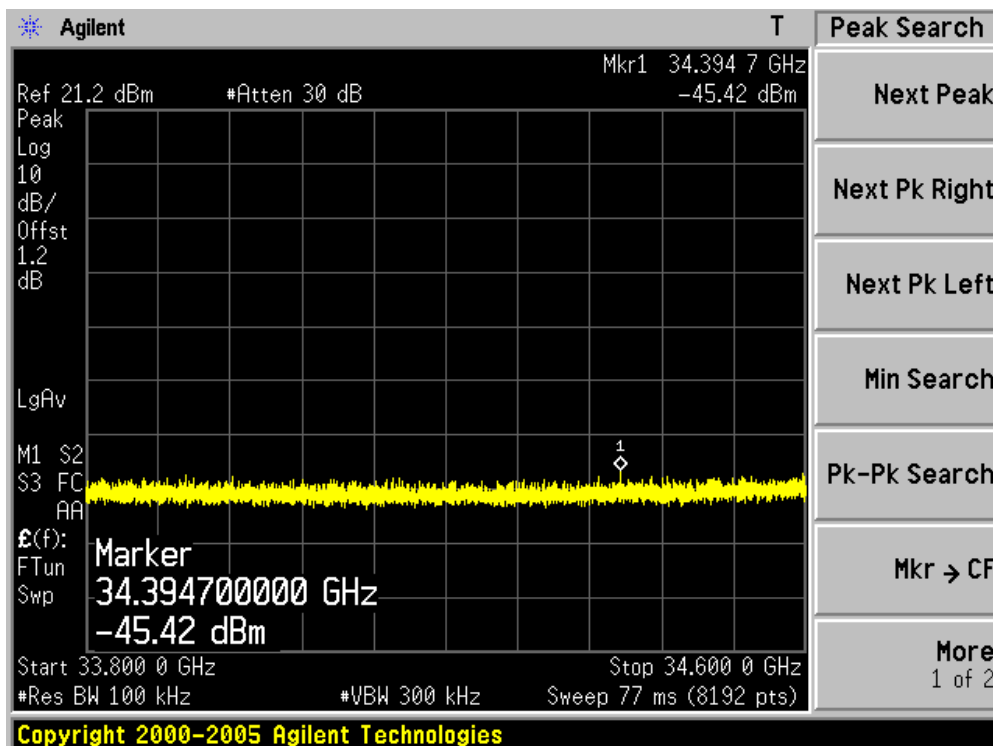
Channel 165 (5825MHz)-10



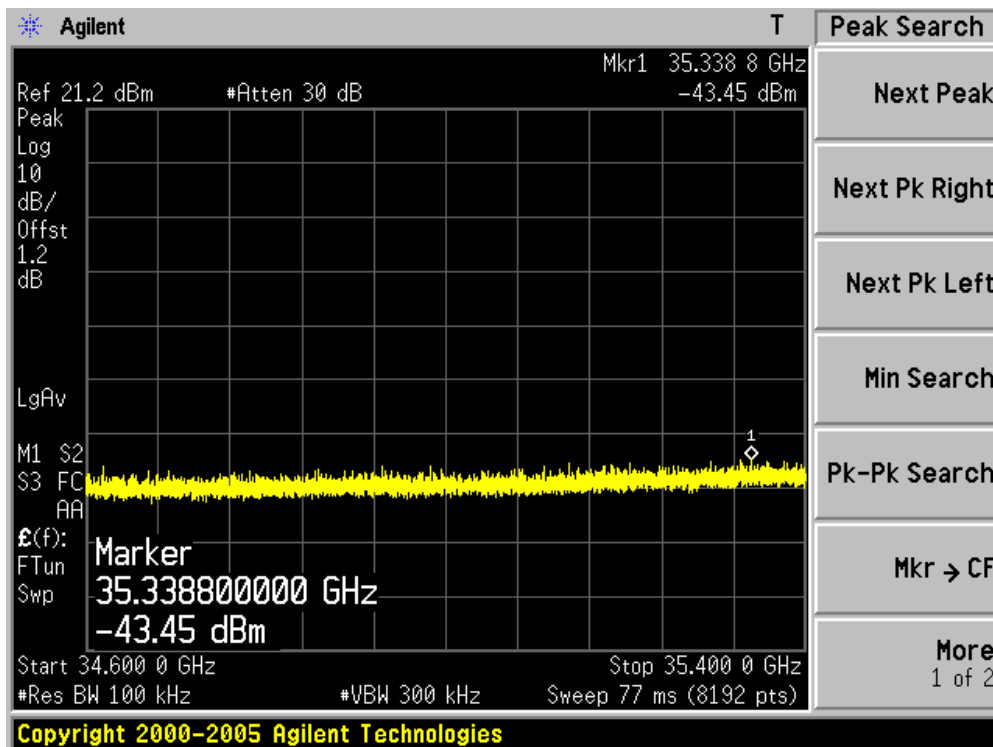
Channel 165 (5825MHz)-11



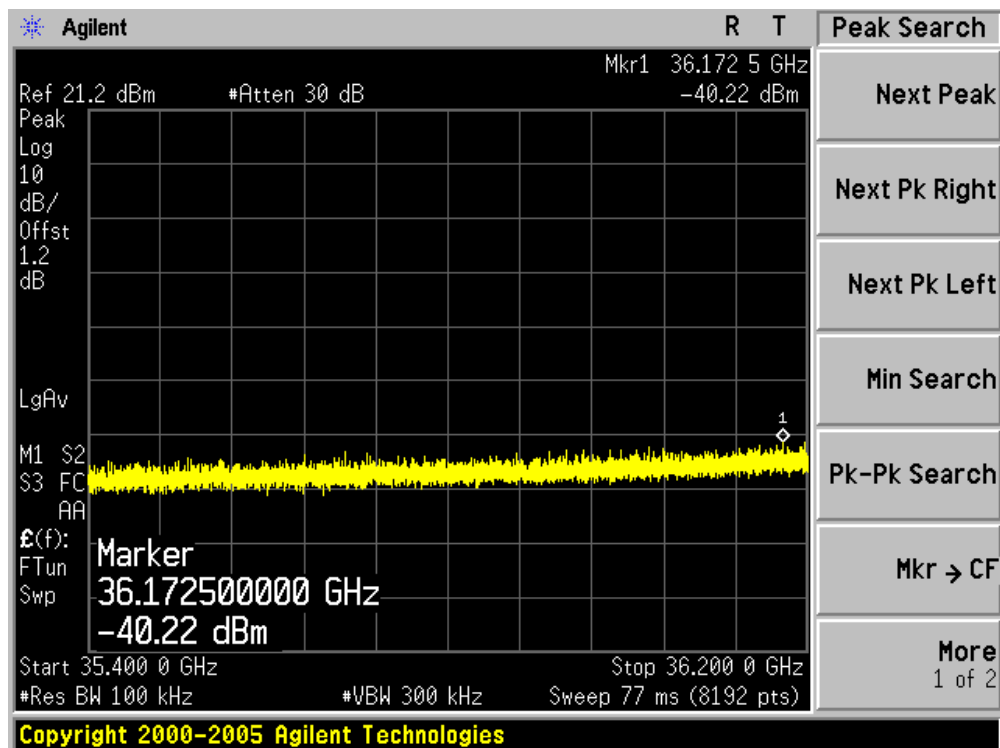
Channel 165 (5825MHz)-12



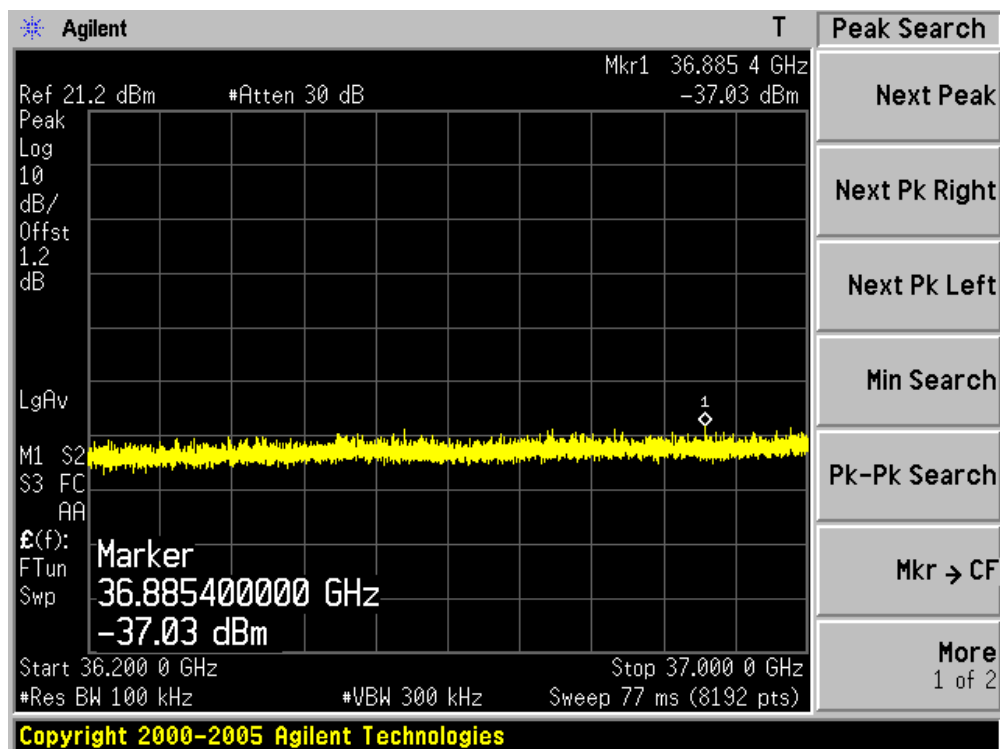
Channel 165 (5825MHz)-13



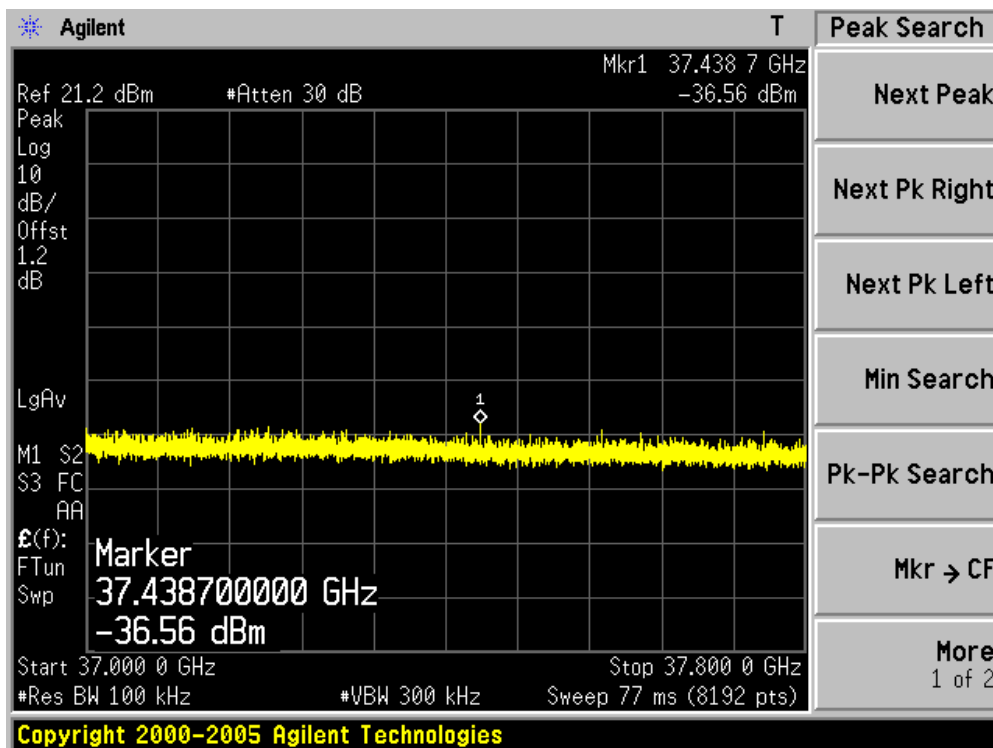
Channel 165 (5825MHz)-14



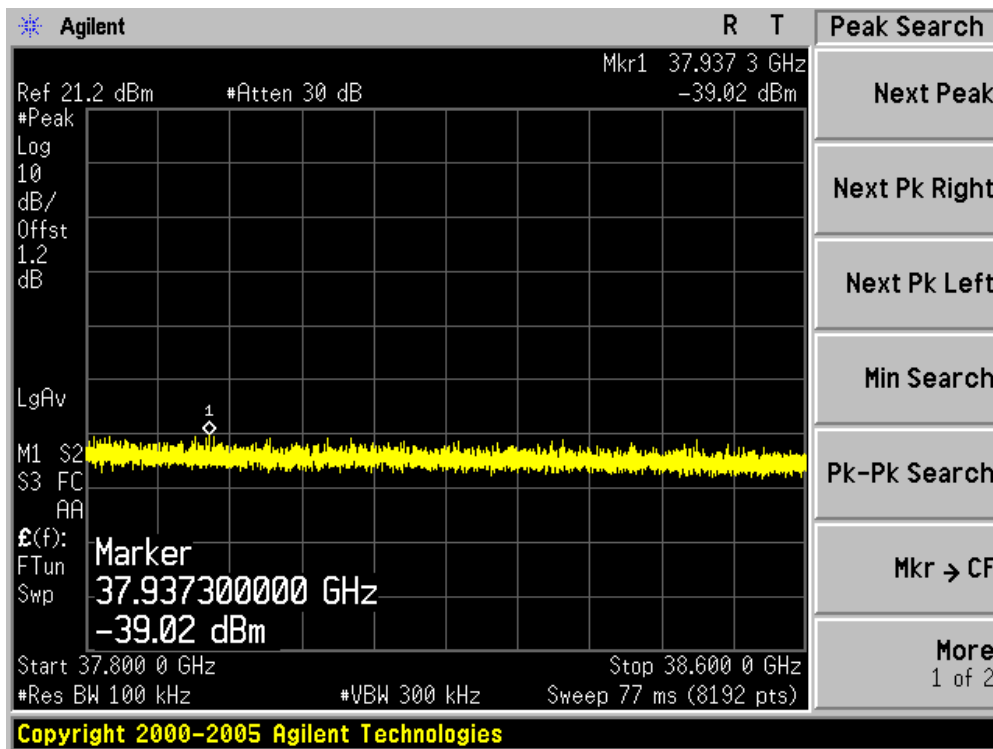
Channel 165 (5825MHz)-15



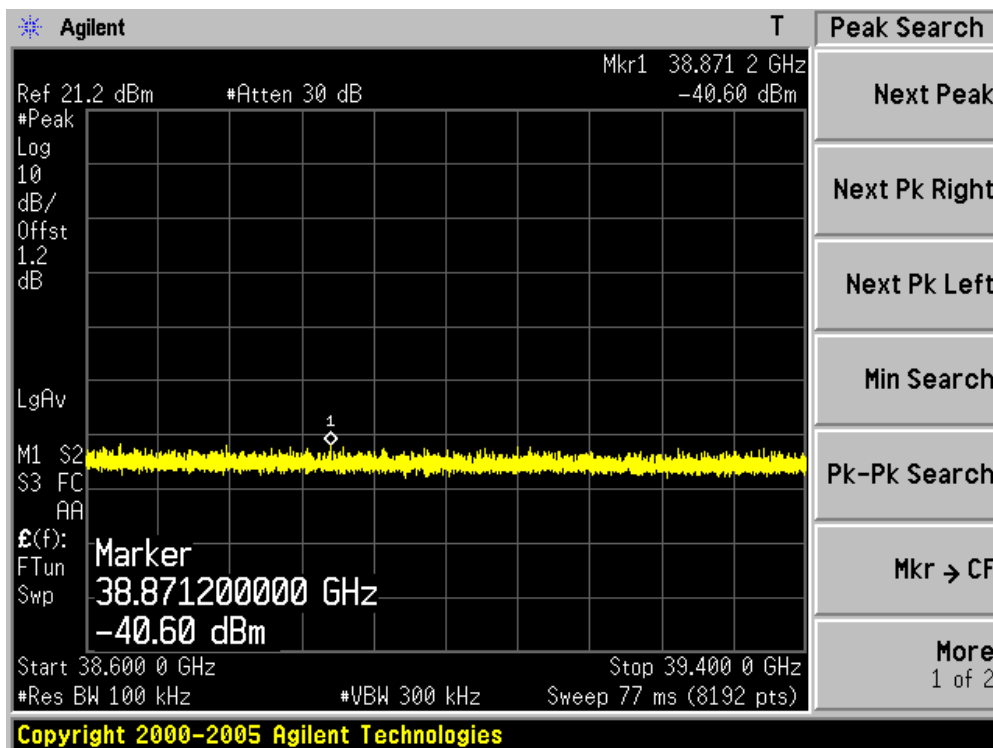
Channel 165 (5825MHz)-16



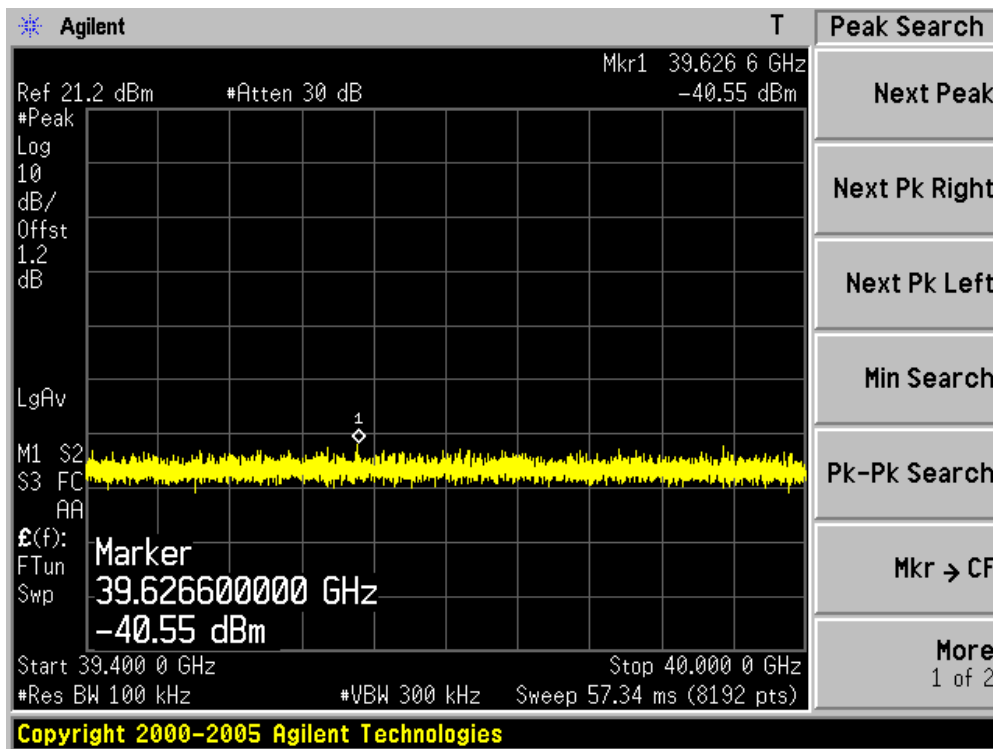
Channel 165 (5825MHz)-17



Channel 165 (5825MHz)-18

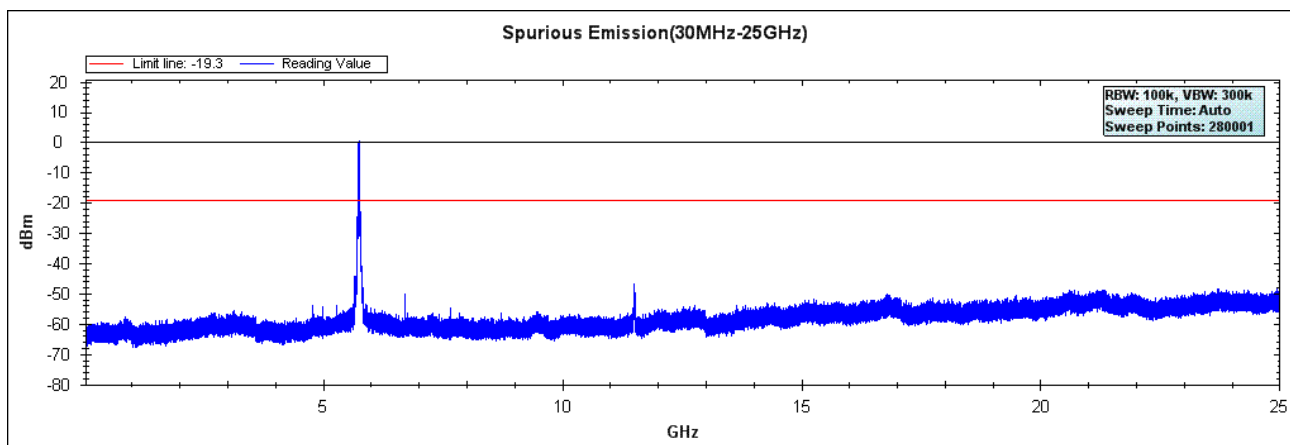


Channel 165 (5825MHz)-19

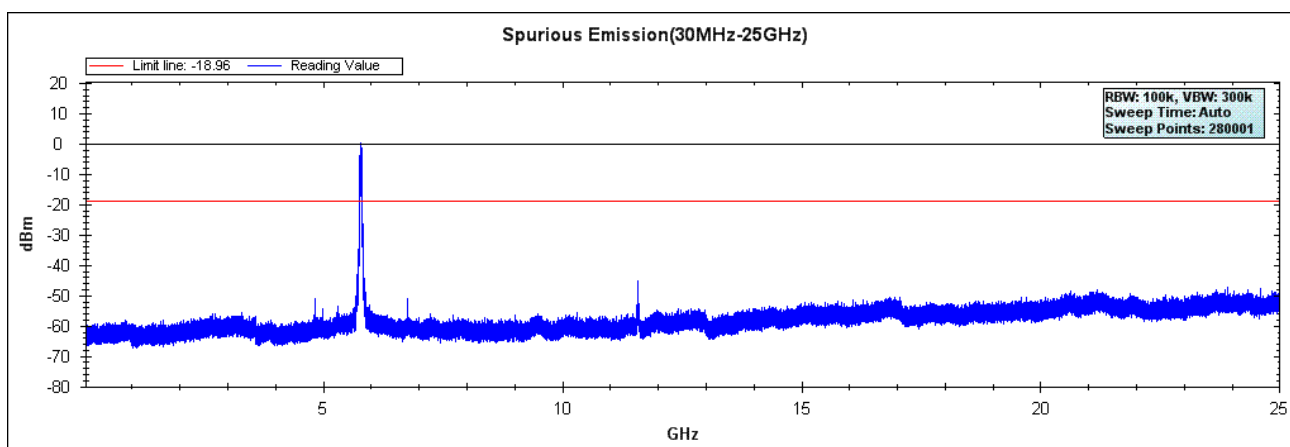


Product	:	Mi Wi-Fi
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 2)

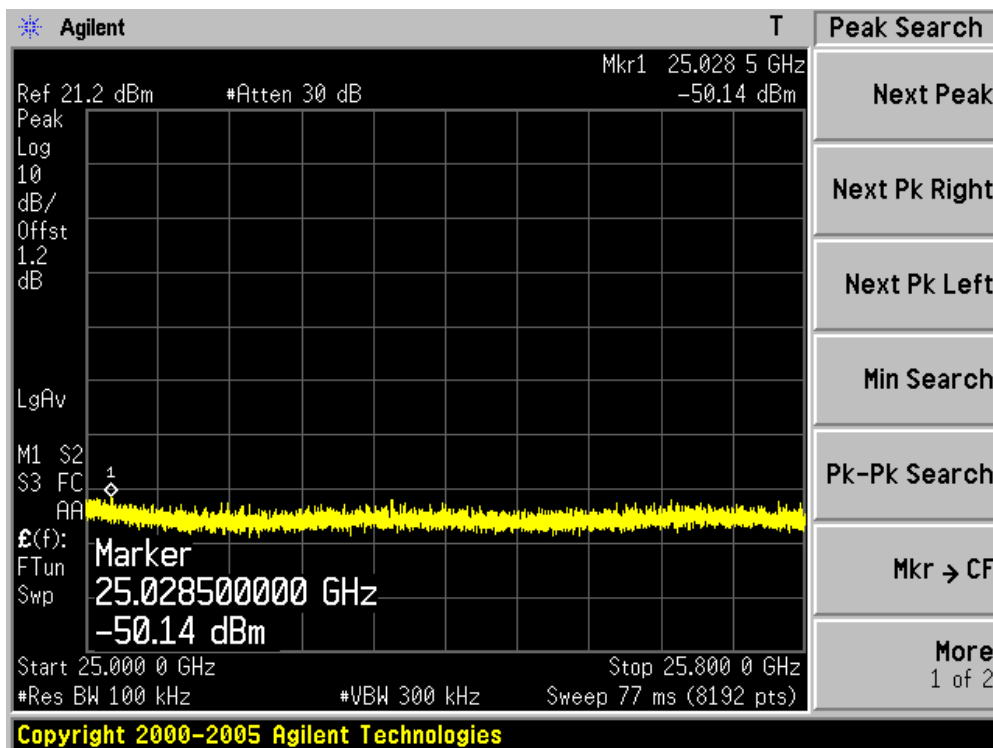
Channel 151 (5755MHz)



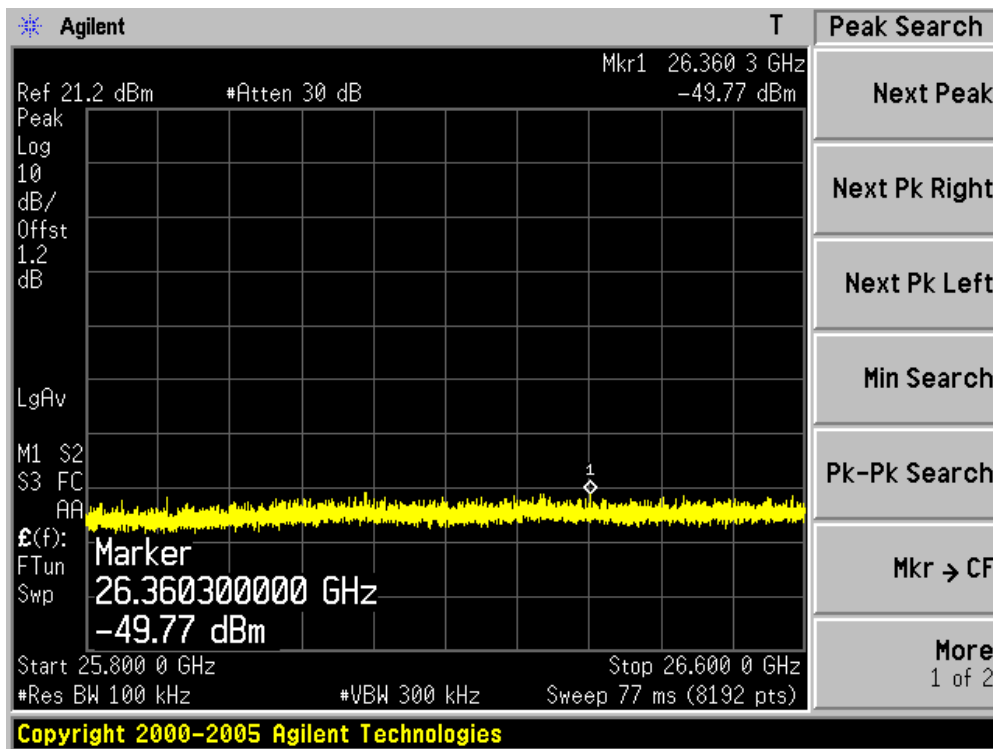
Channel 159 (5795MHz)



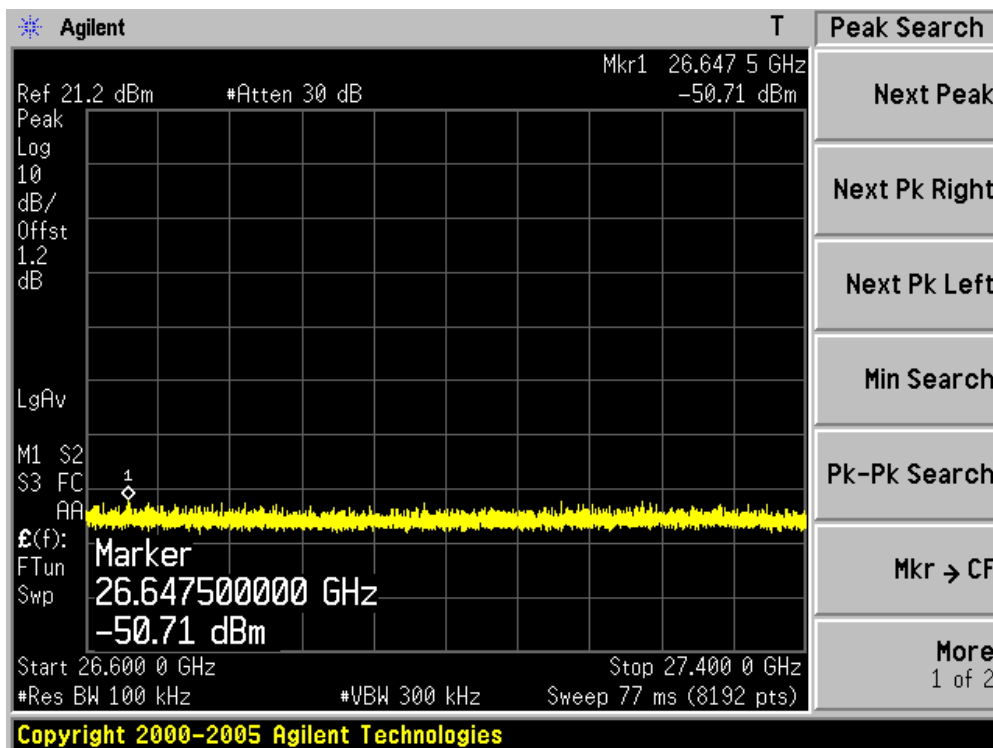
Channel 151 (5755MHz)-1



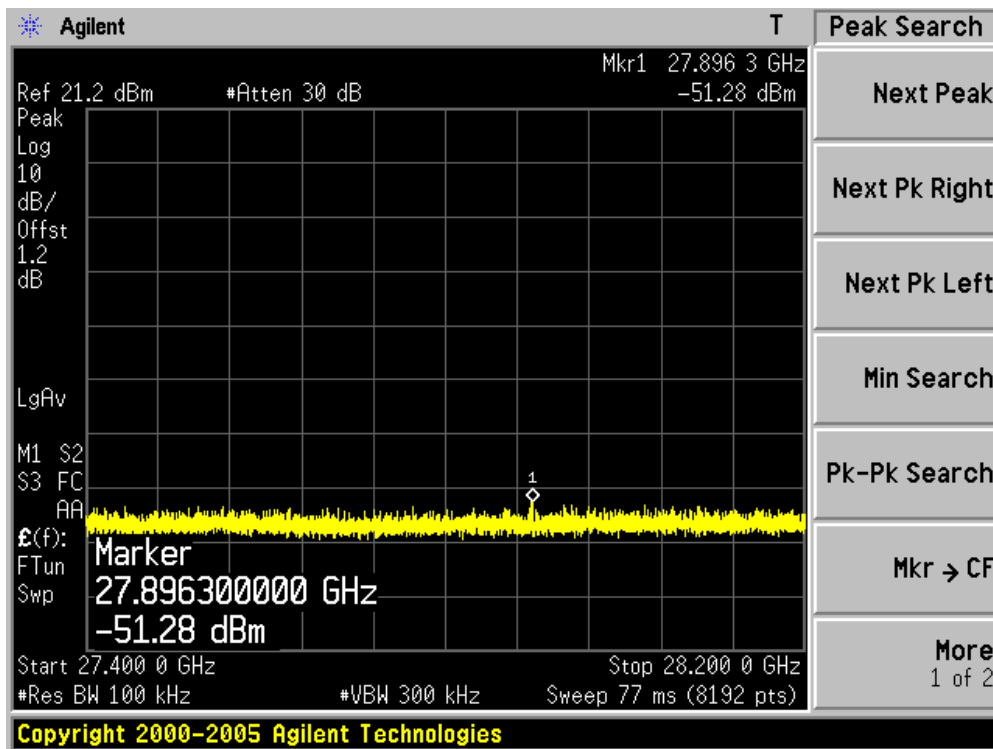
Channel 151 (5755MHz)-2



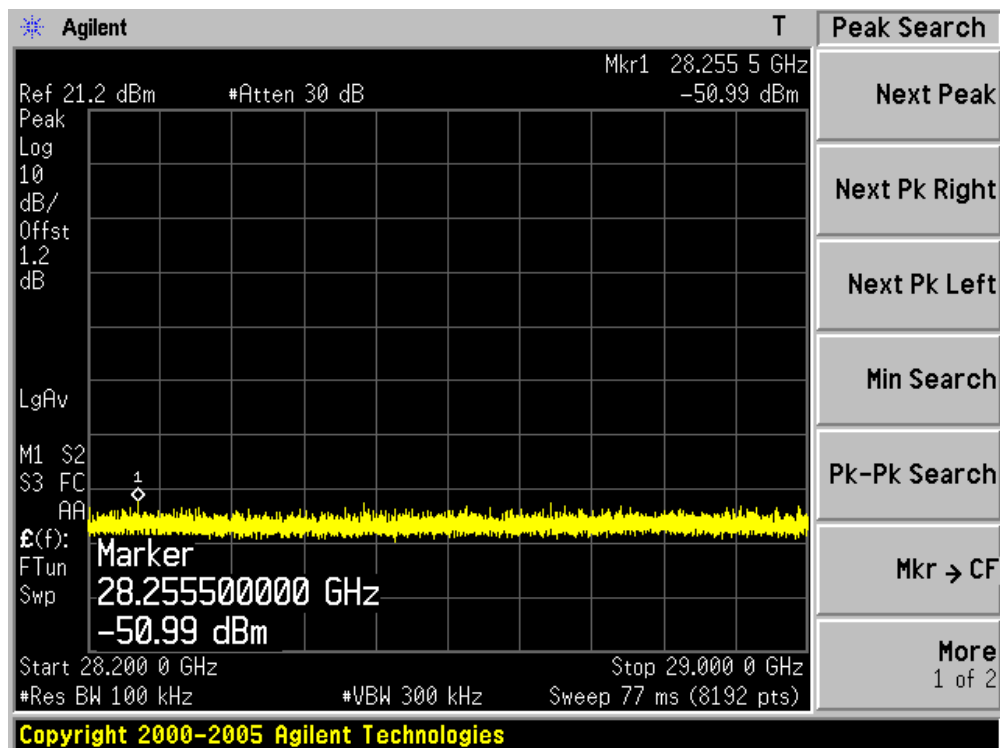
Channel 151 (5755MHz)-3



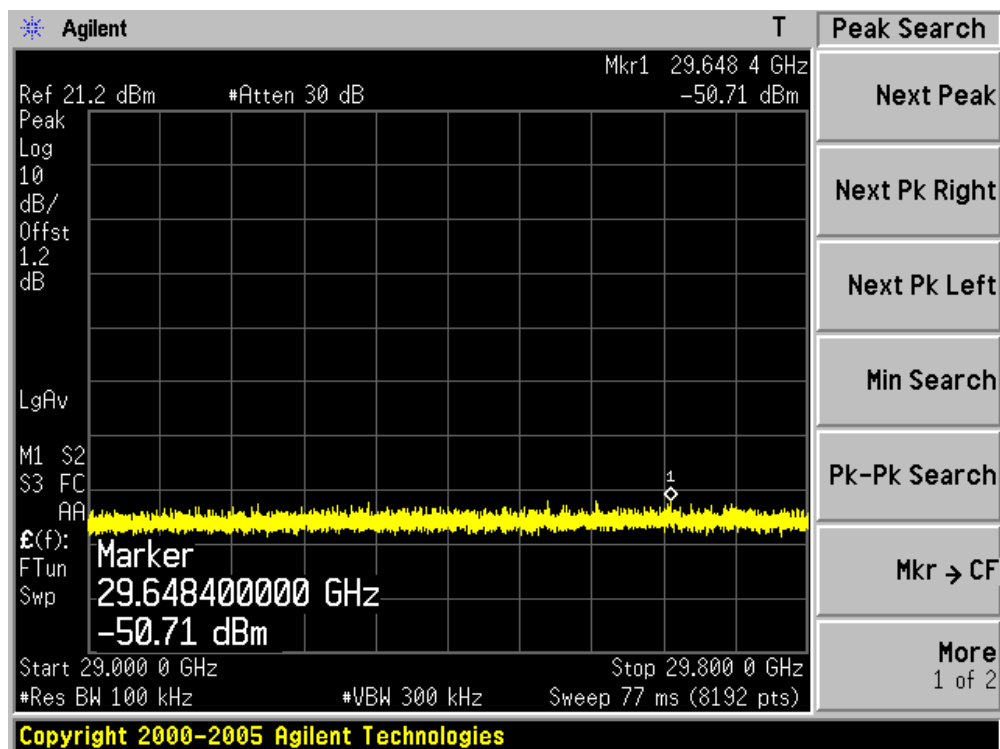
Channel 151 (5755MHz)-4



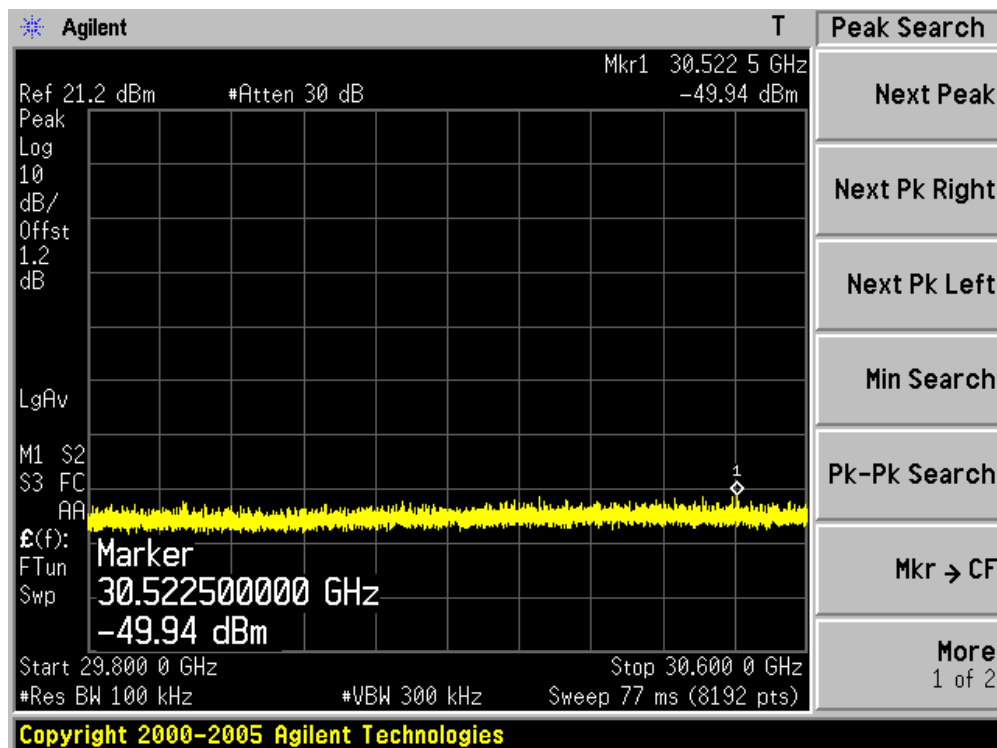
Channel 151 (5755MHz)-5



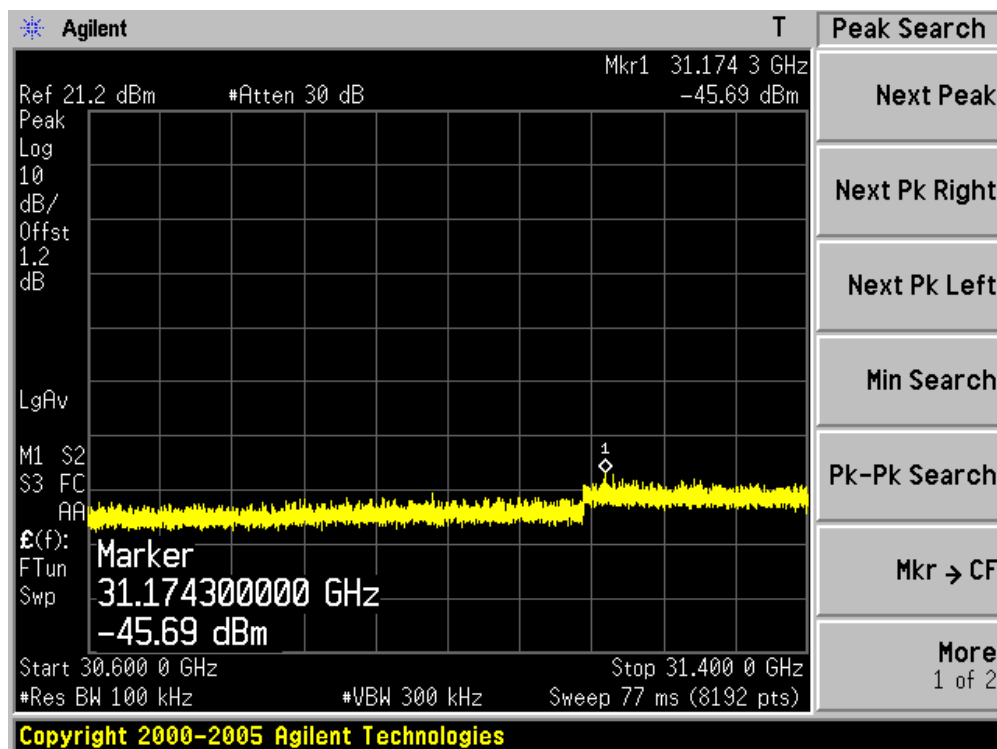
Channel 151 (5755MHz)-6



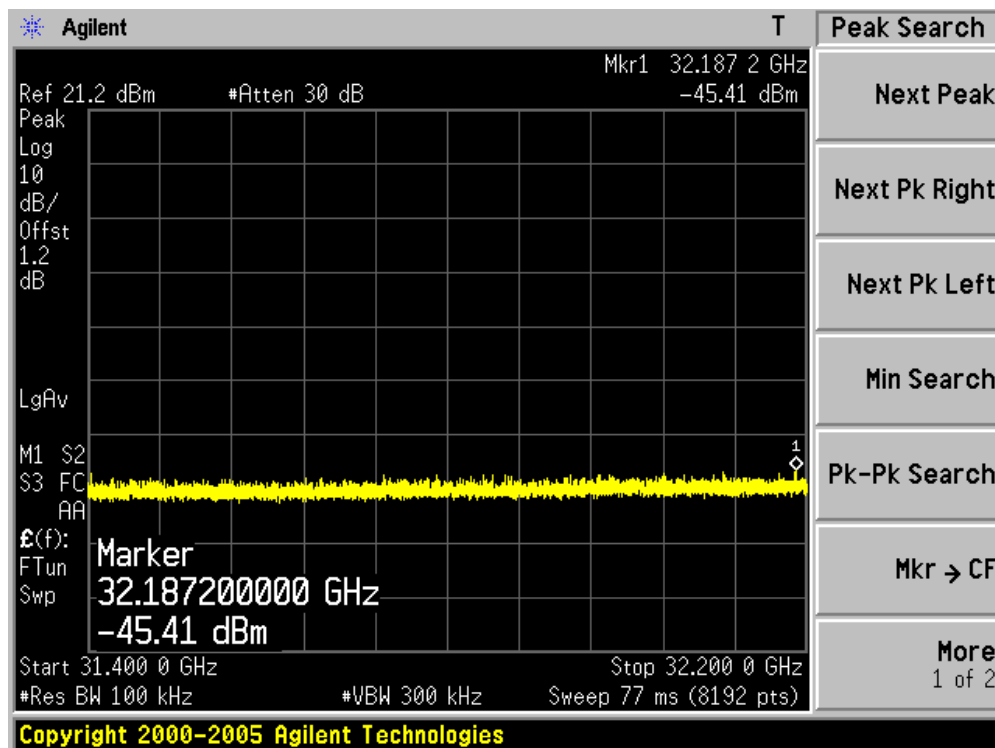
Channel 151 (5755MHz)-7



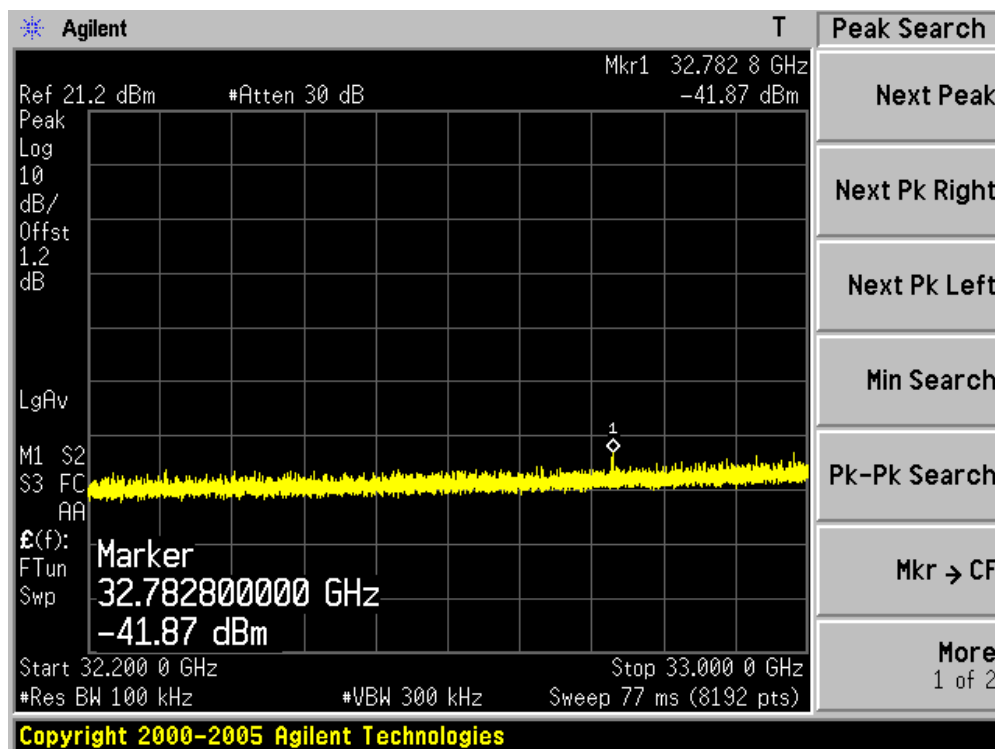
Channel 151 (5755MHz)-8



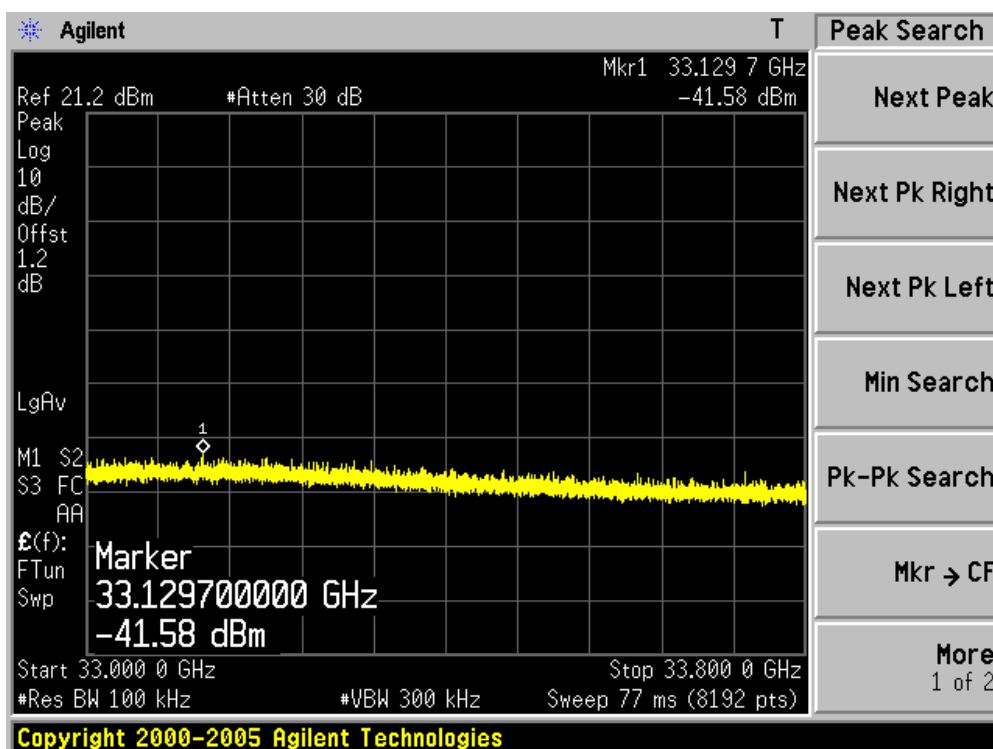
Channel 151 (5755MHz)-9



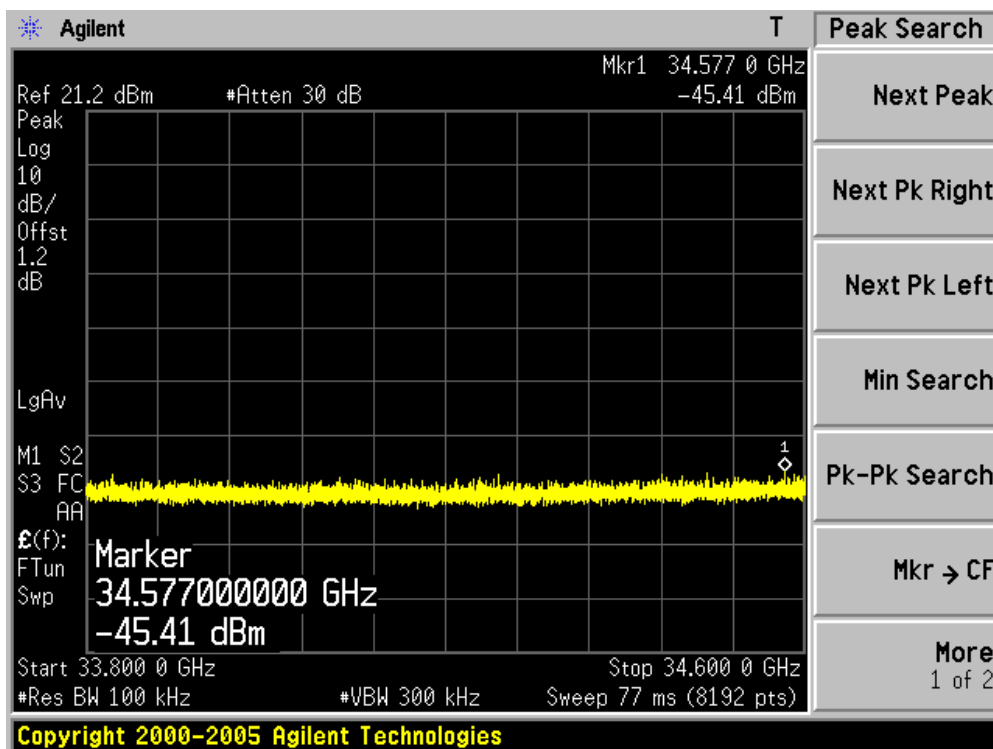
Channel 151 (5755MHz)-10



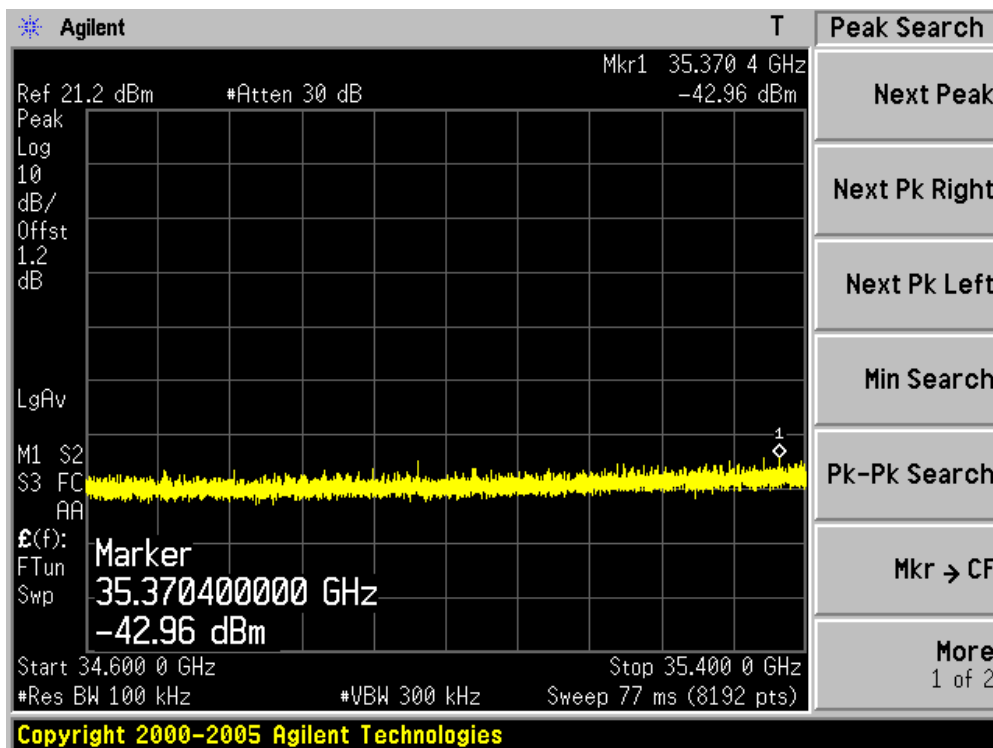
Channel 151 (5755MHz)-11



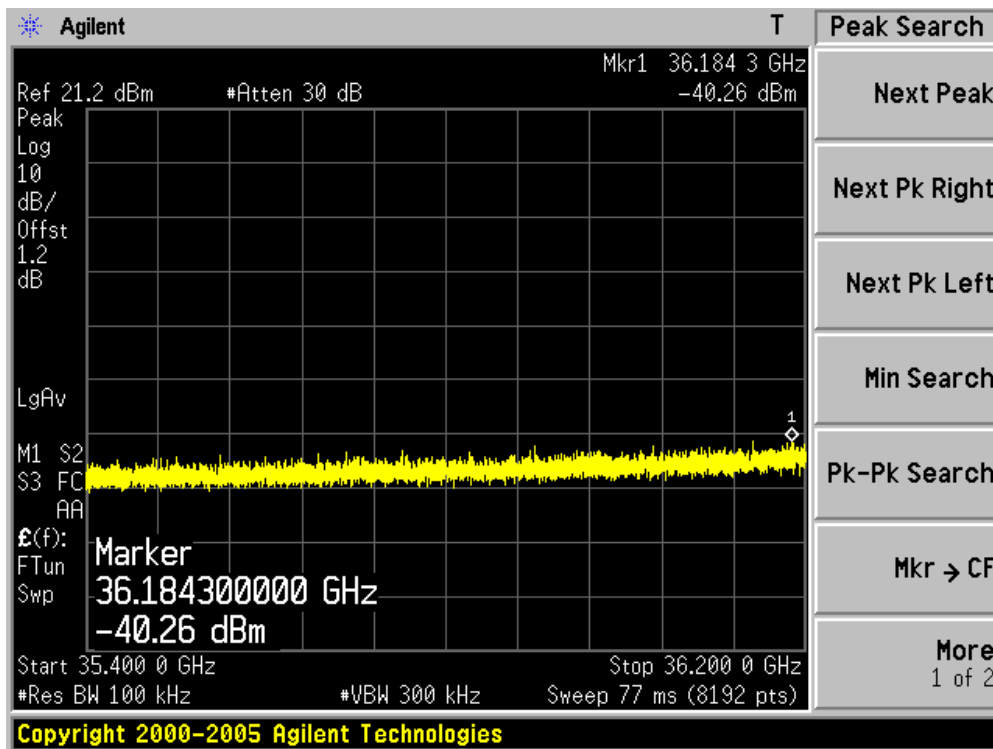
Channel 151 (5755MHz)-12



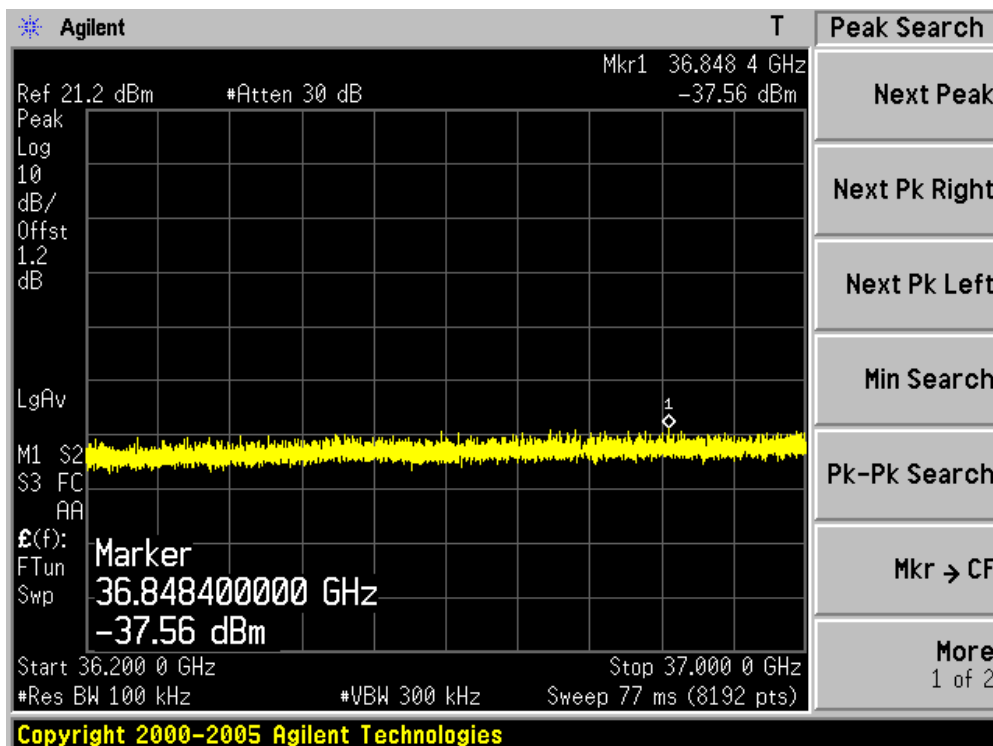
Channel 151 (5755MHz)-13



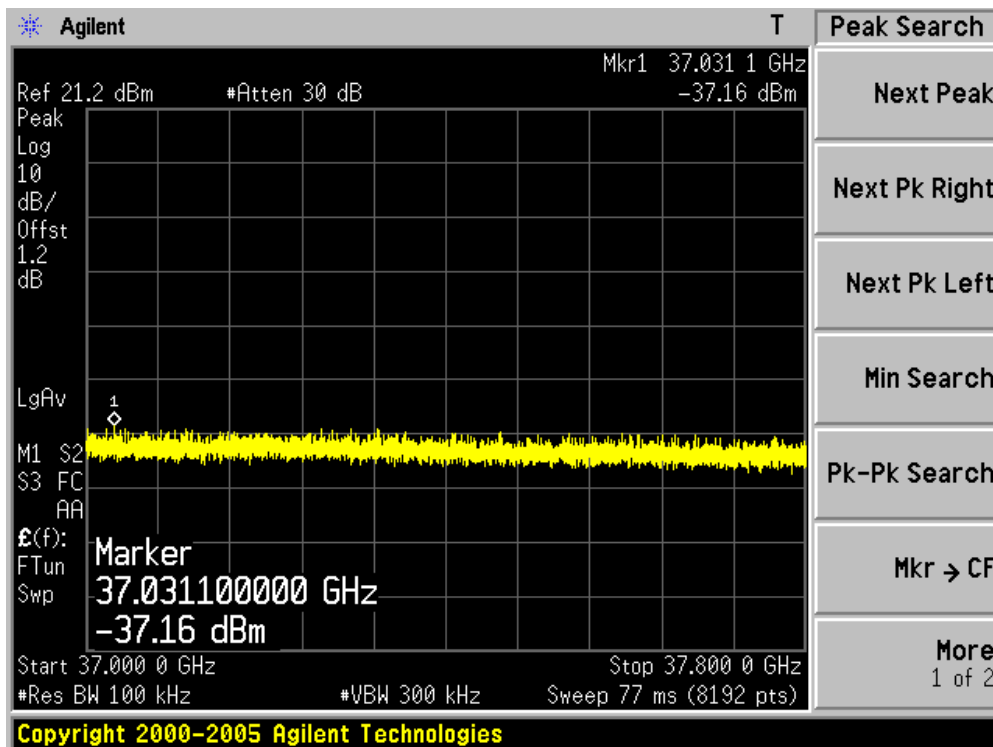
Channel 151 (5755MHz)-14



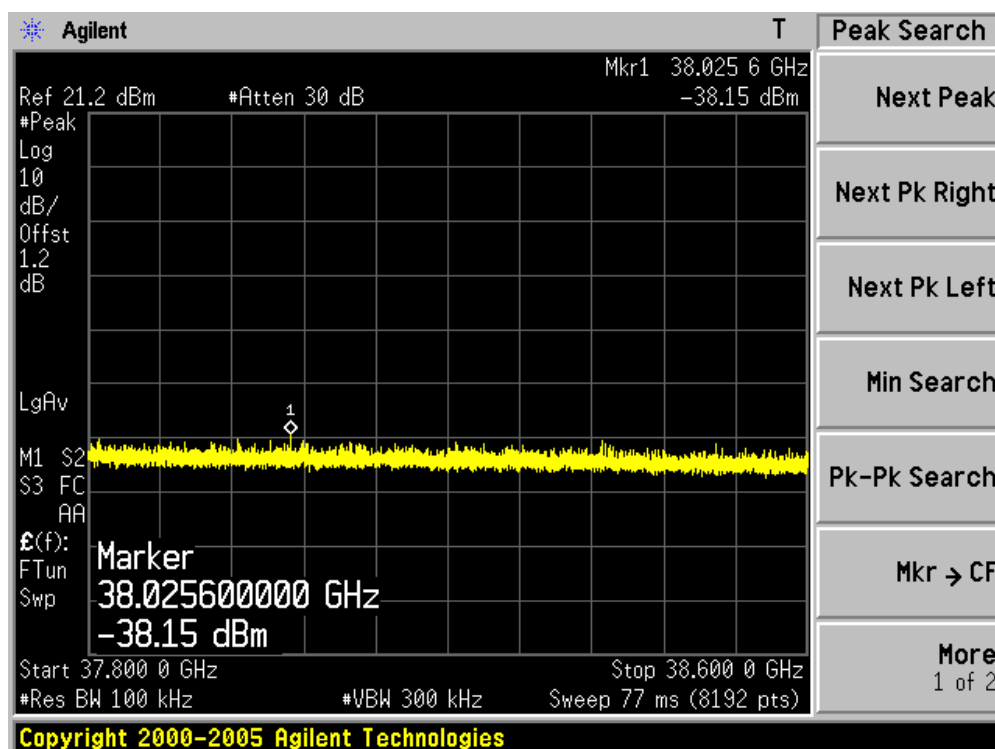
Channel 151 (5755MHz)-15



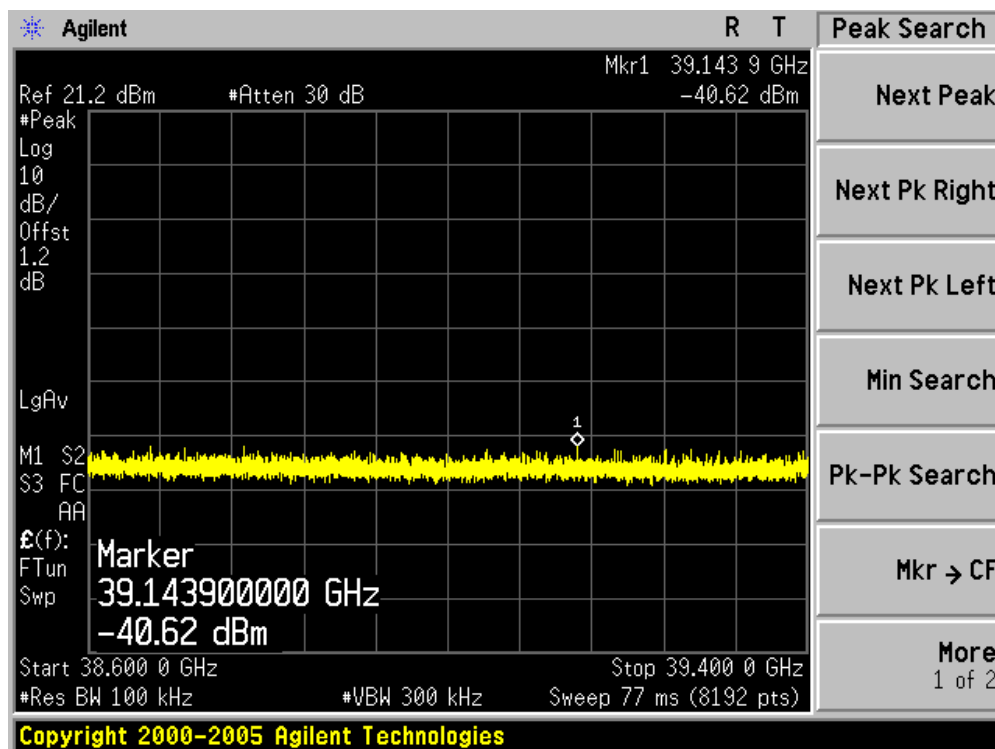
Channel 151 (5755MHz)-16



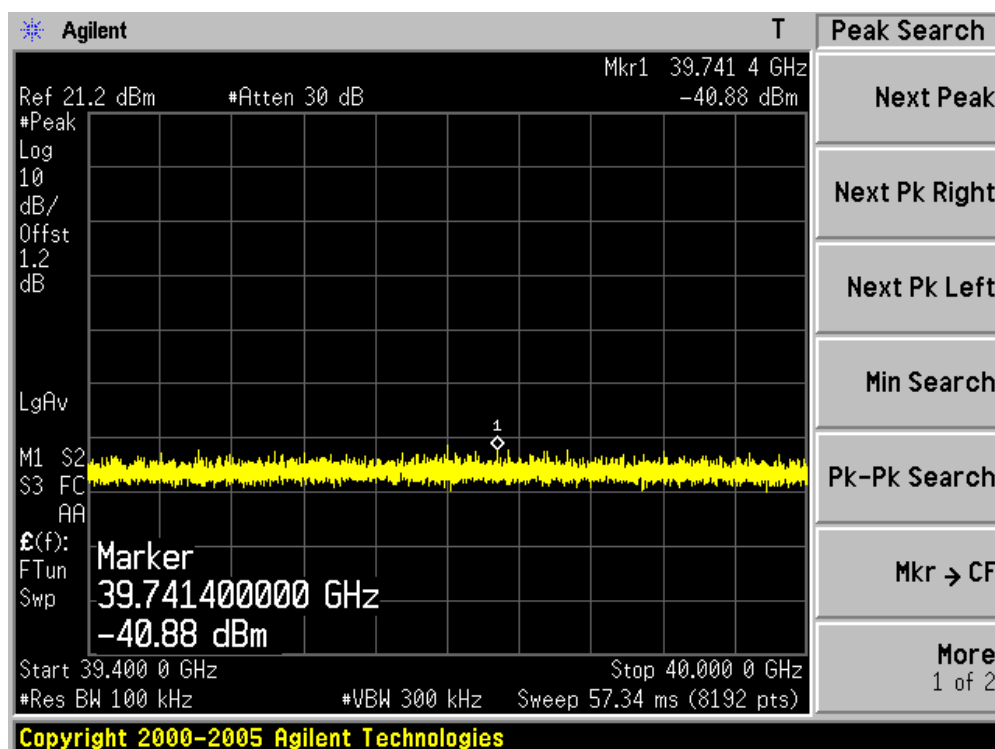
Channel 151 (5755MHz)-17



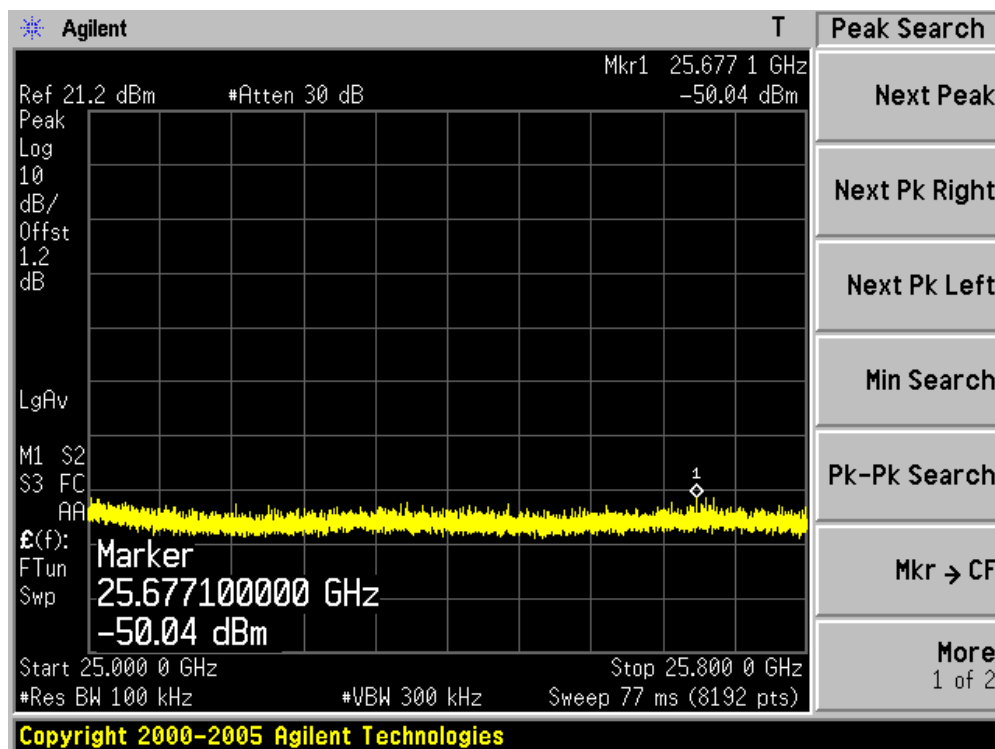
Channel 151 (5755MHz)-18



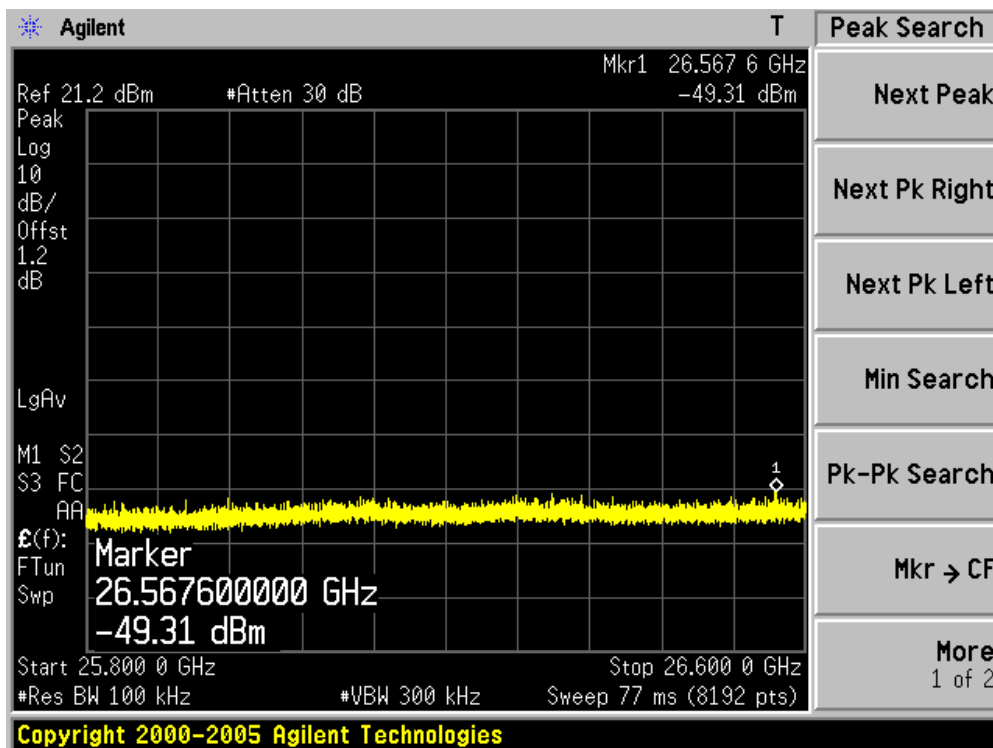
Channel 151 (5755MHz)-19



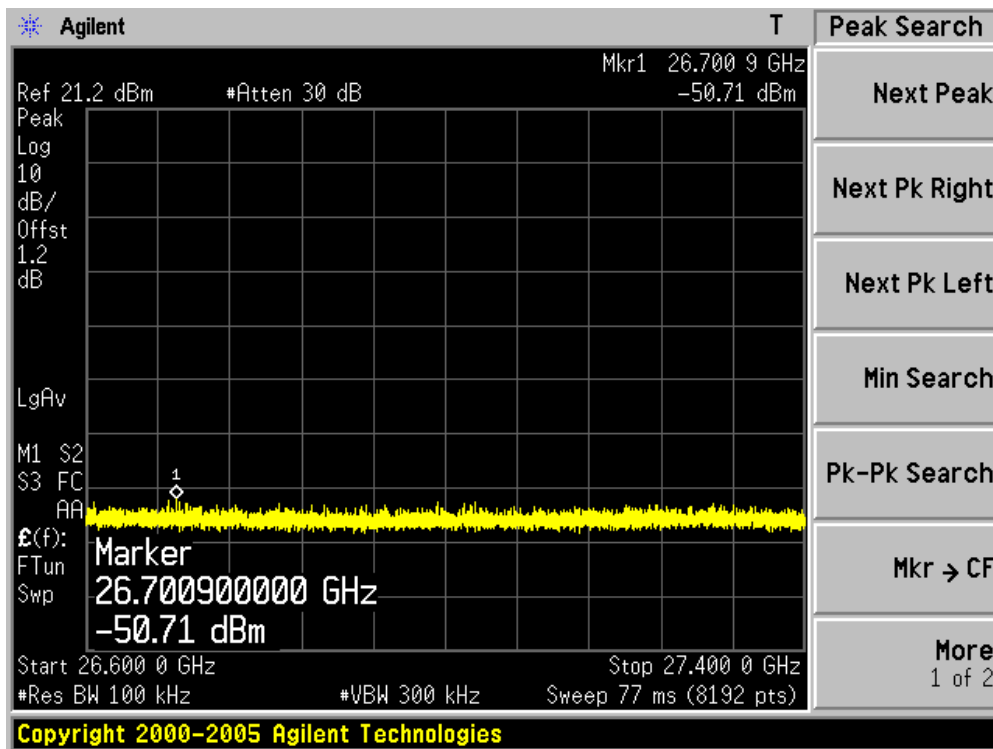
Channel 159 (5795MHz)-1



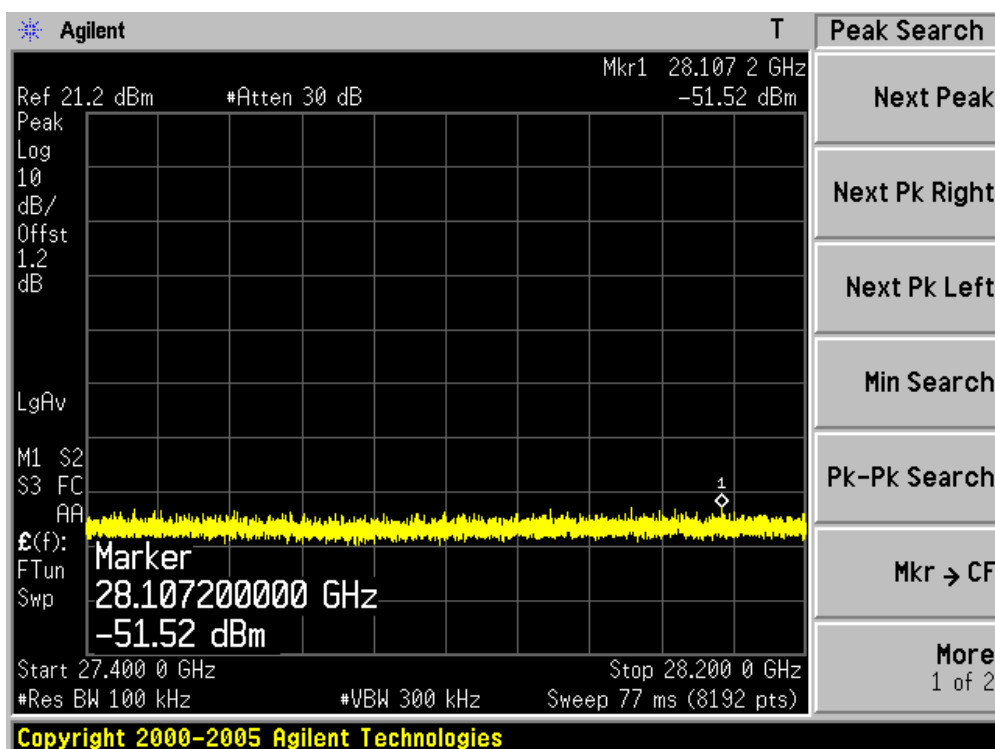
Channel 159 (5795MHz)-2



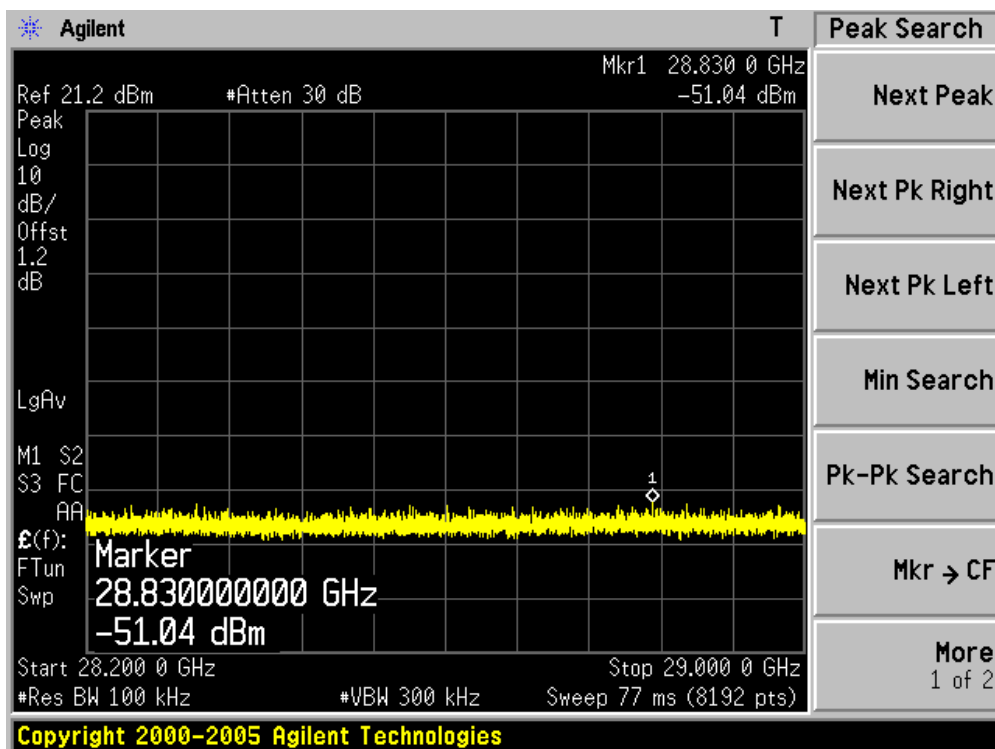
Channel 159 (5795MHz)-3



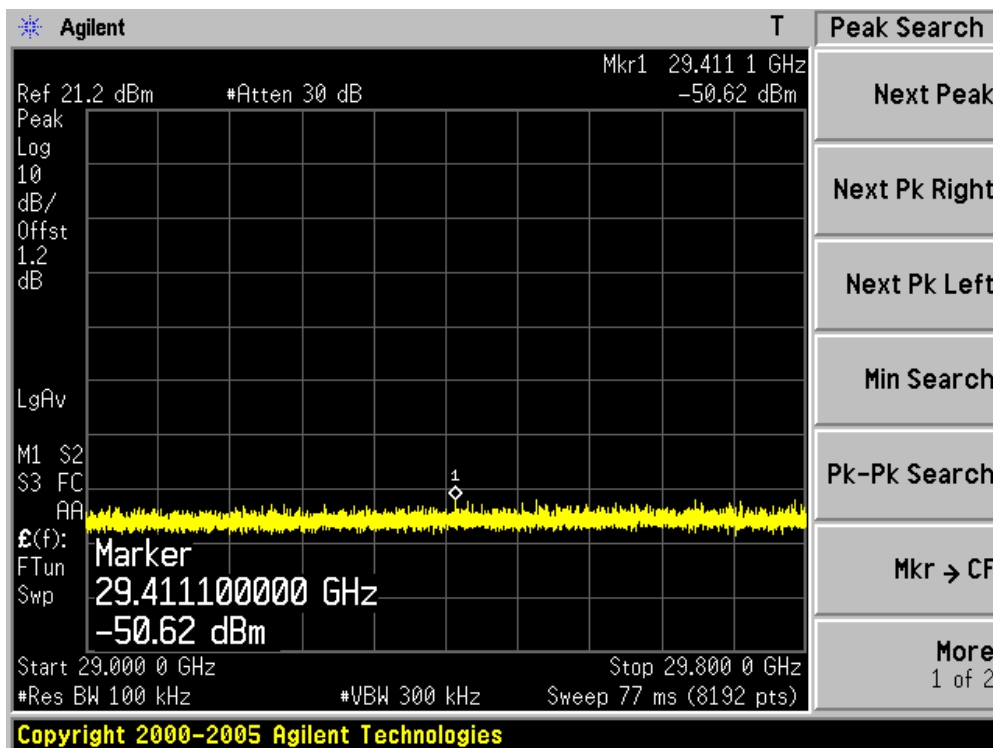
Channel 159 (5795MHz)-4



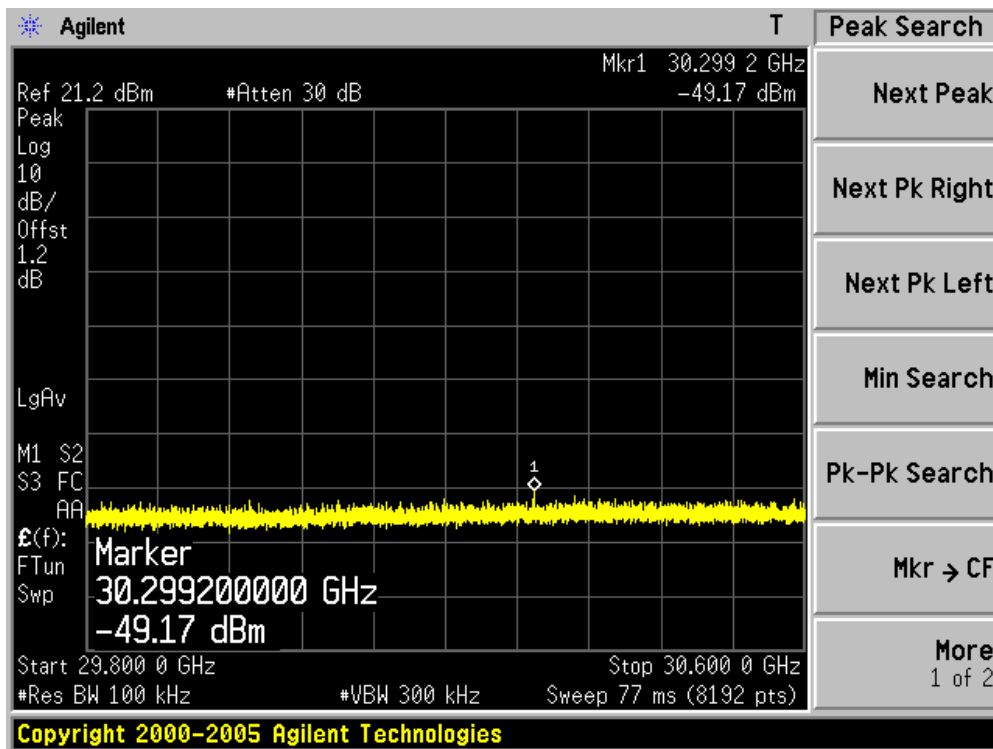
Channel 159 (5795MHz)-5



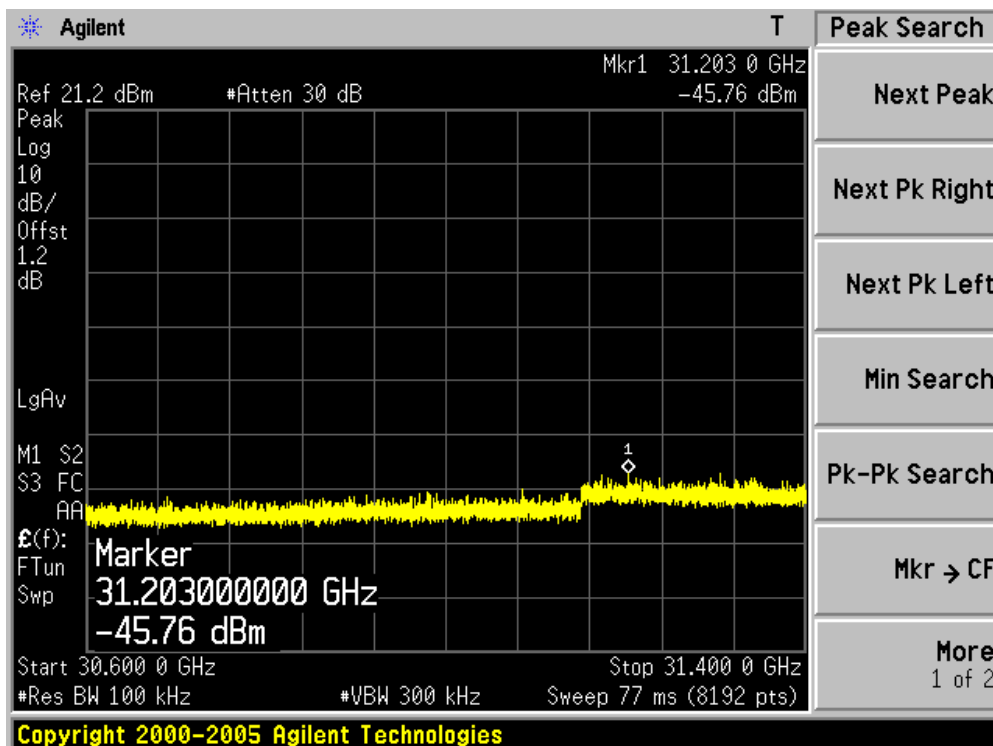
Channel 159 (5795MHz)-6



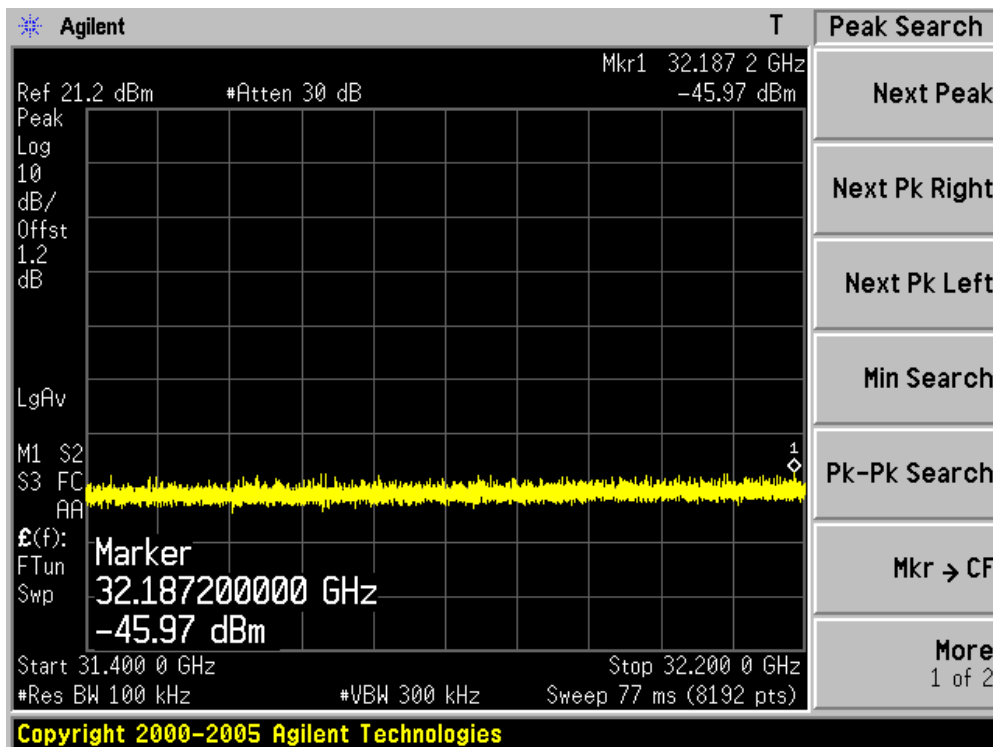
Channel 159 (5795MHz)-7



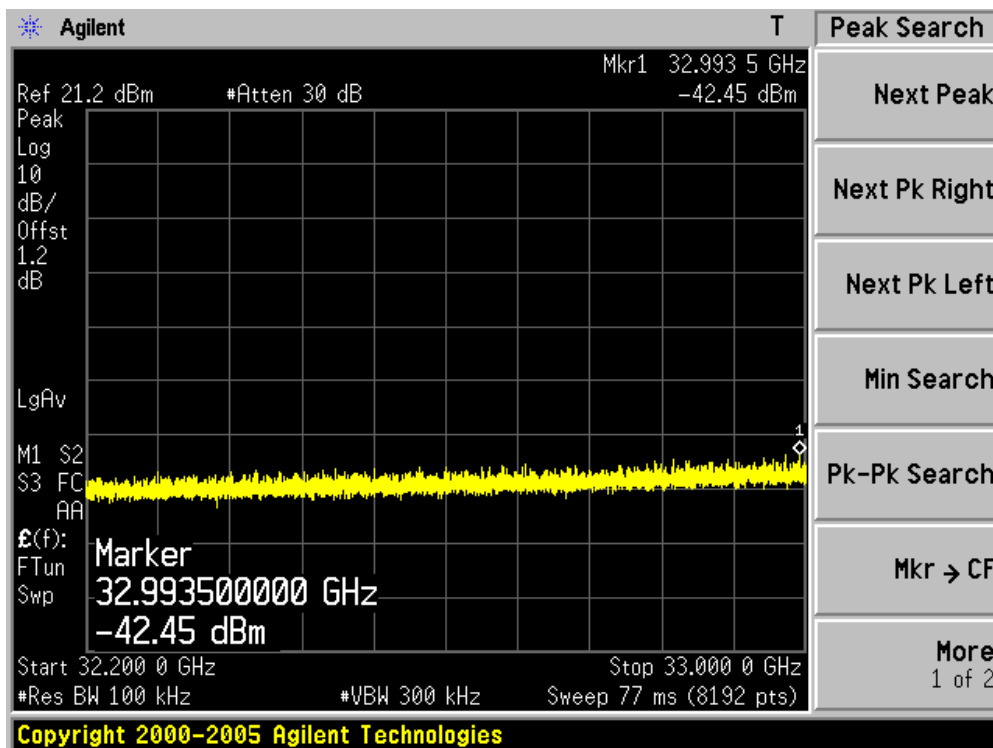
Channel 159 (5795MHz)-8



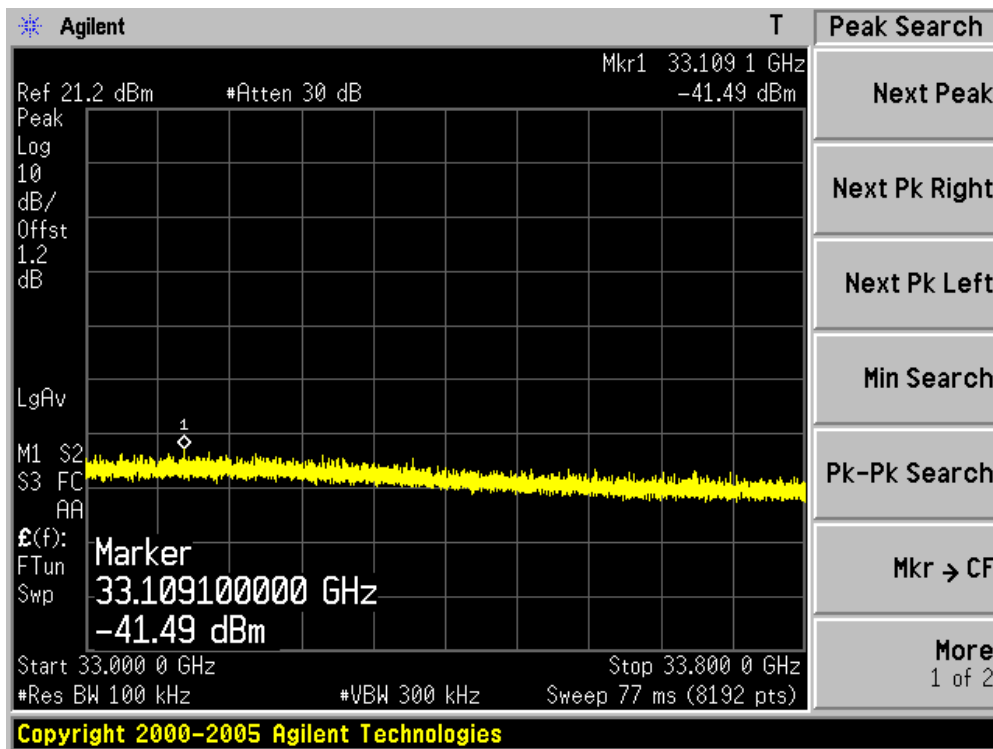
Channel 159 (5795MHz)-9



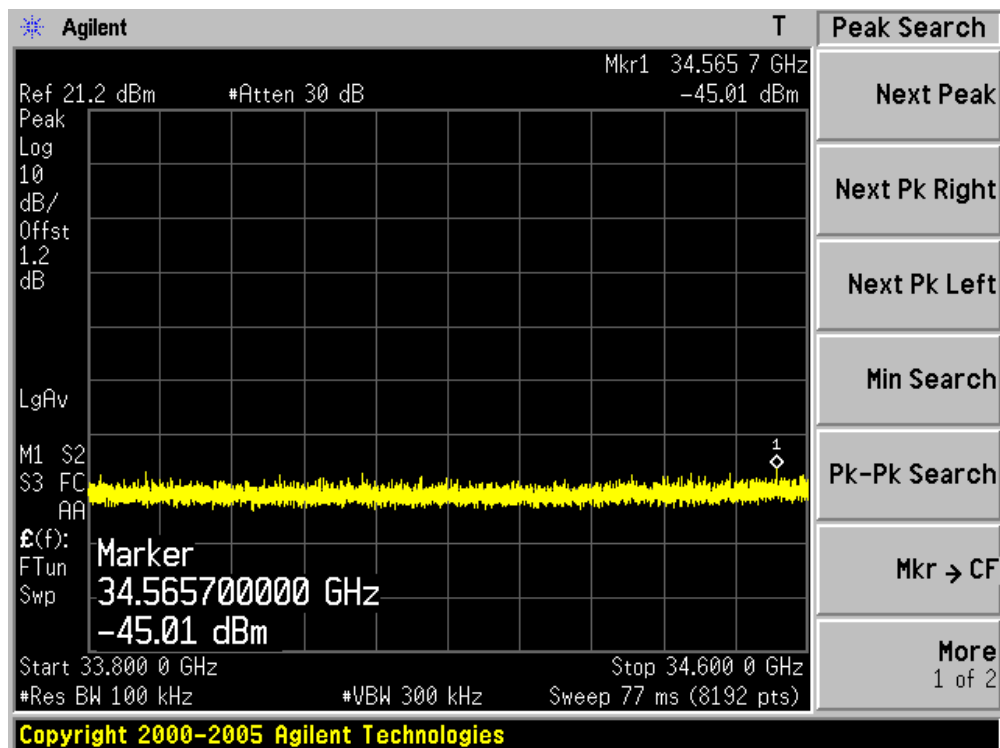
Channel 159 (5795MHz)-10



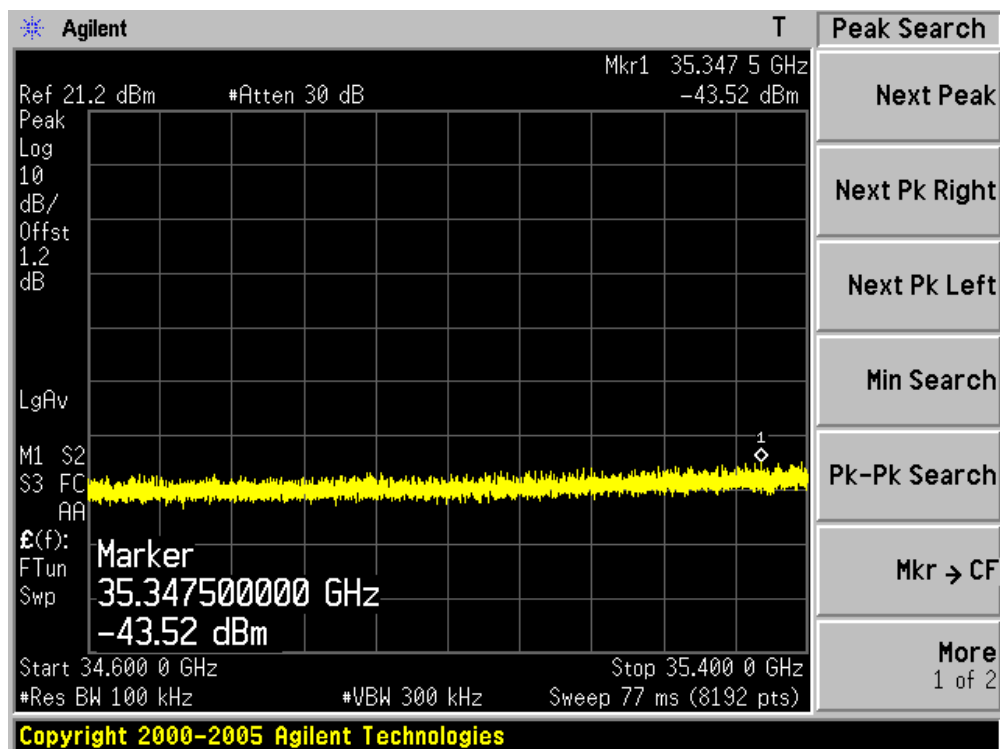
Channel 159 (5795MHz)-11



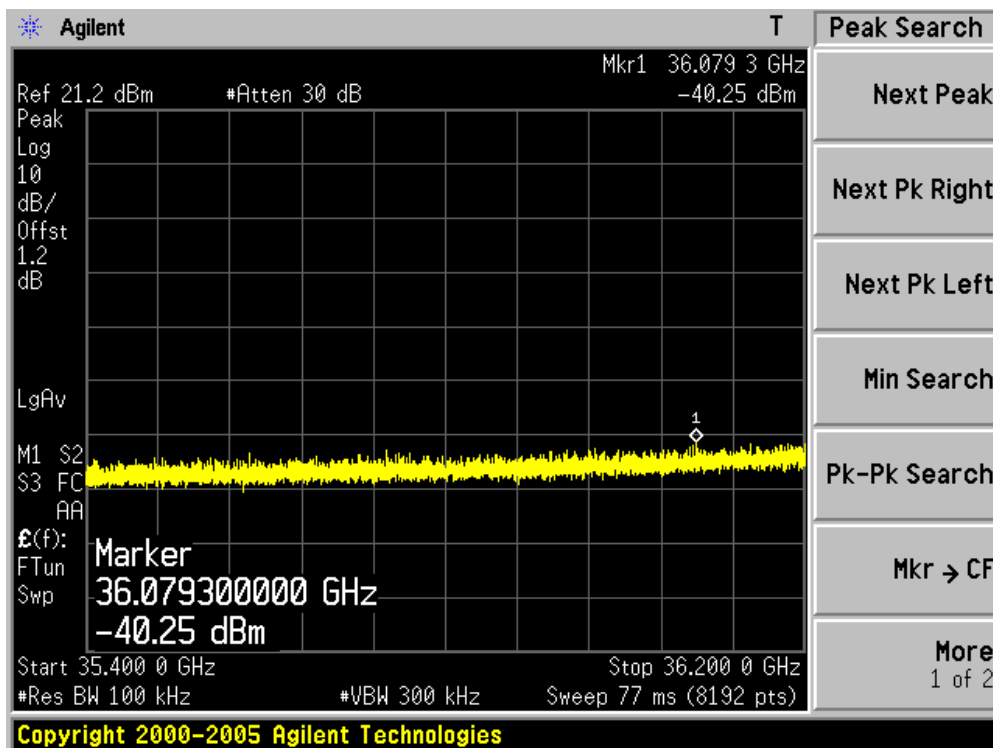
Channel 159 (5795MHz)-12



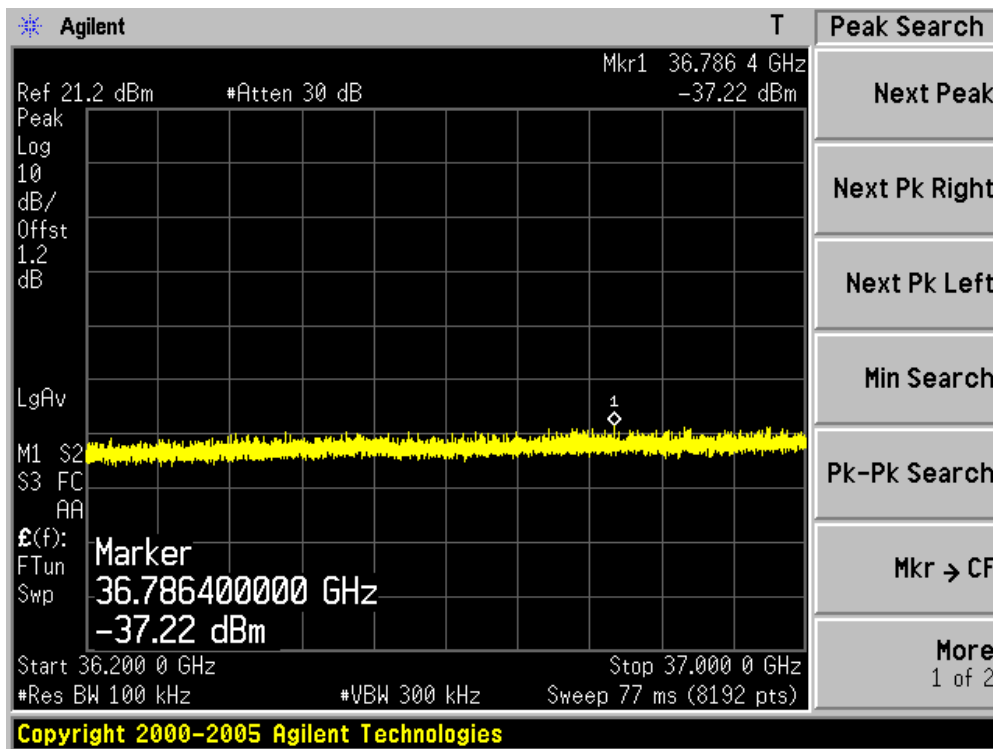
Channel 159 (5795MHz)-13



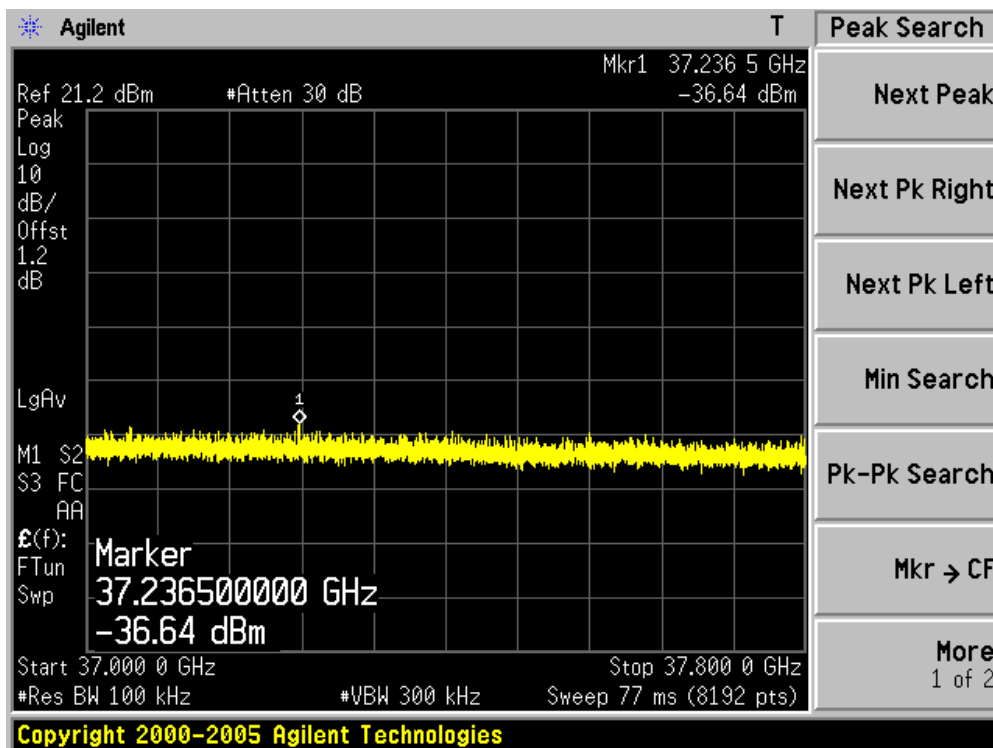
Channel 159 (5795MHz)-14



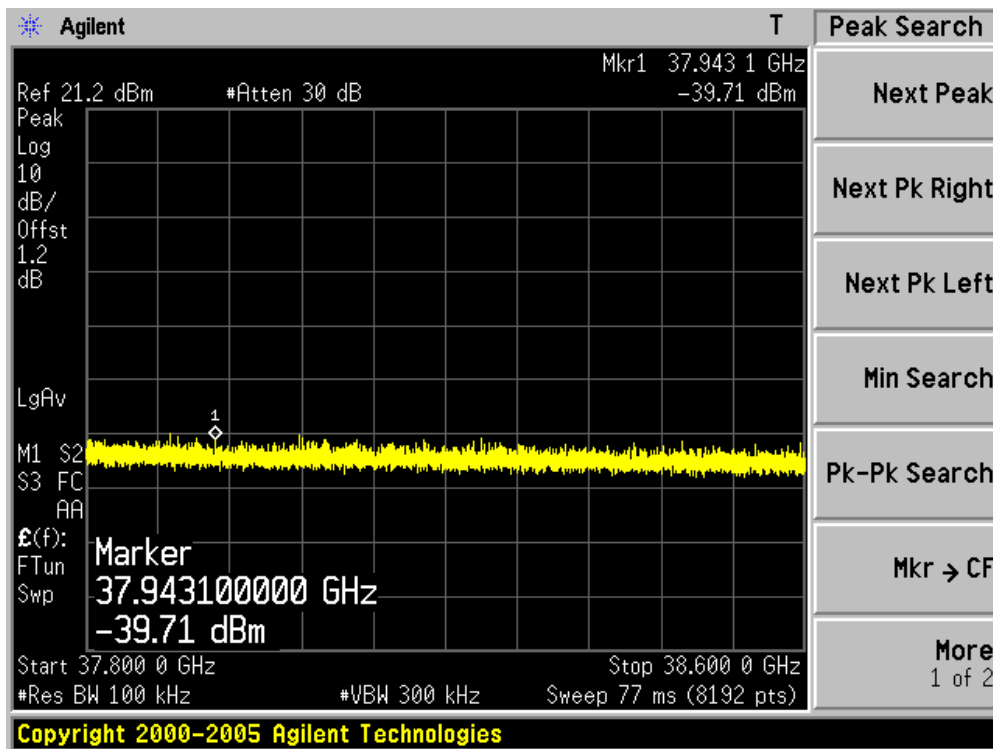
Channel 159 (5795MHz)-15



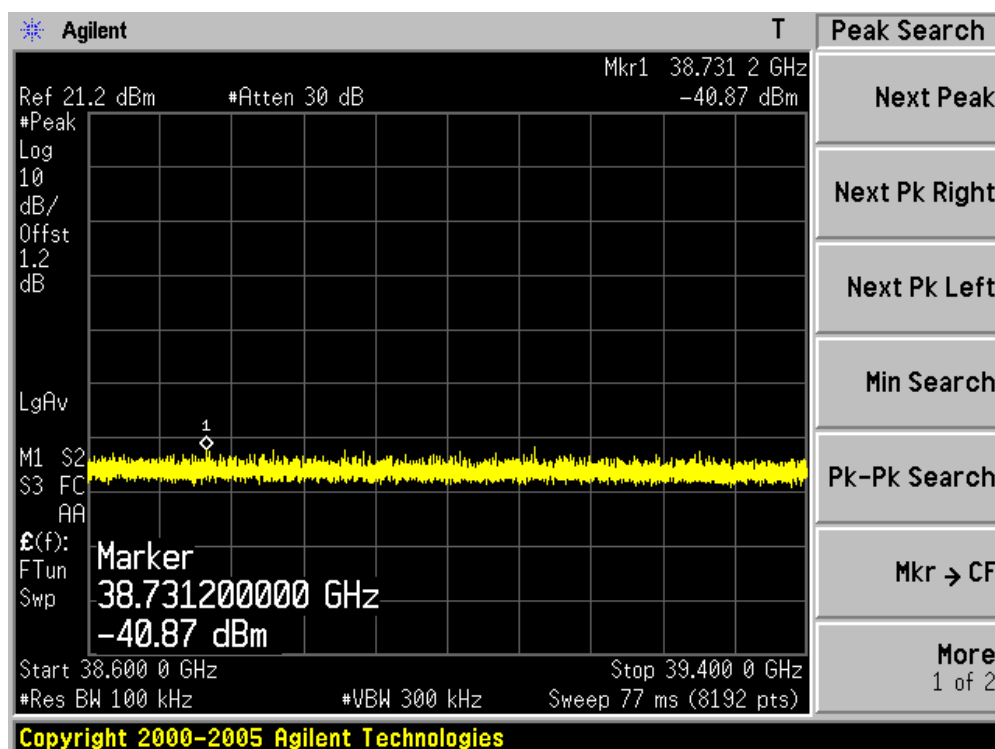
Channel 159 (5795MHz)-16



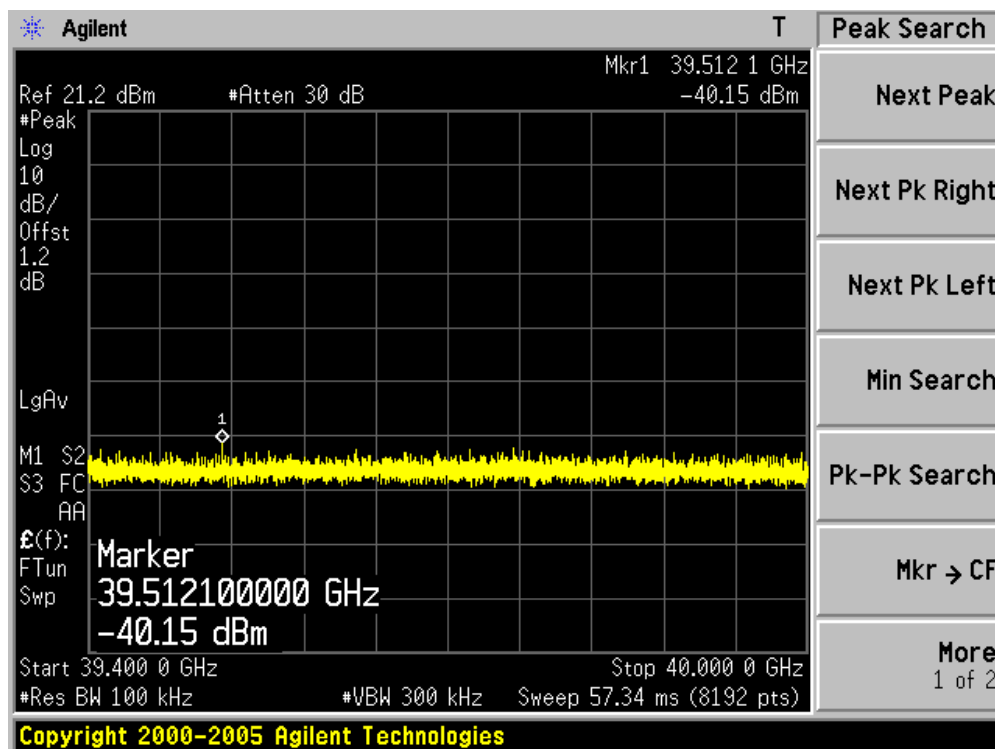
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

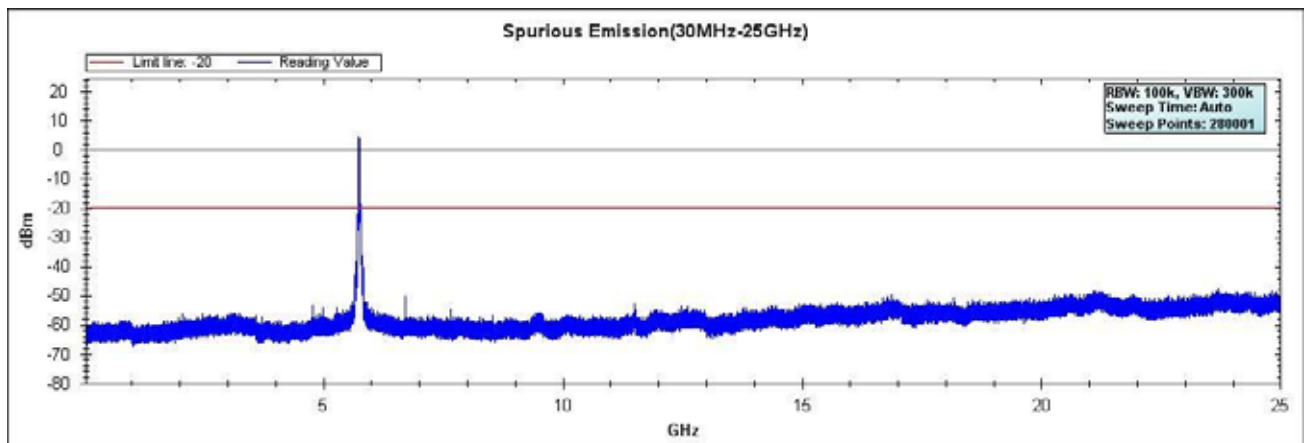


Channel 159 (5795MHz)-19

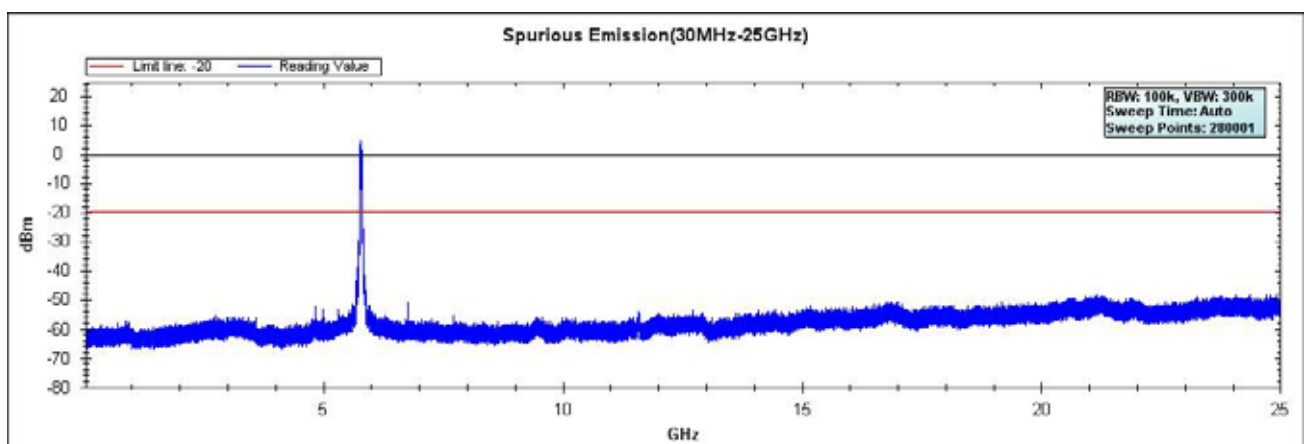


Product	:	Mi Wi-Fi
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 2)

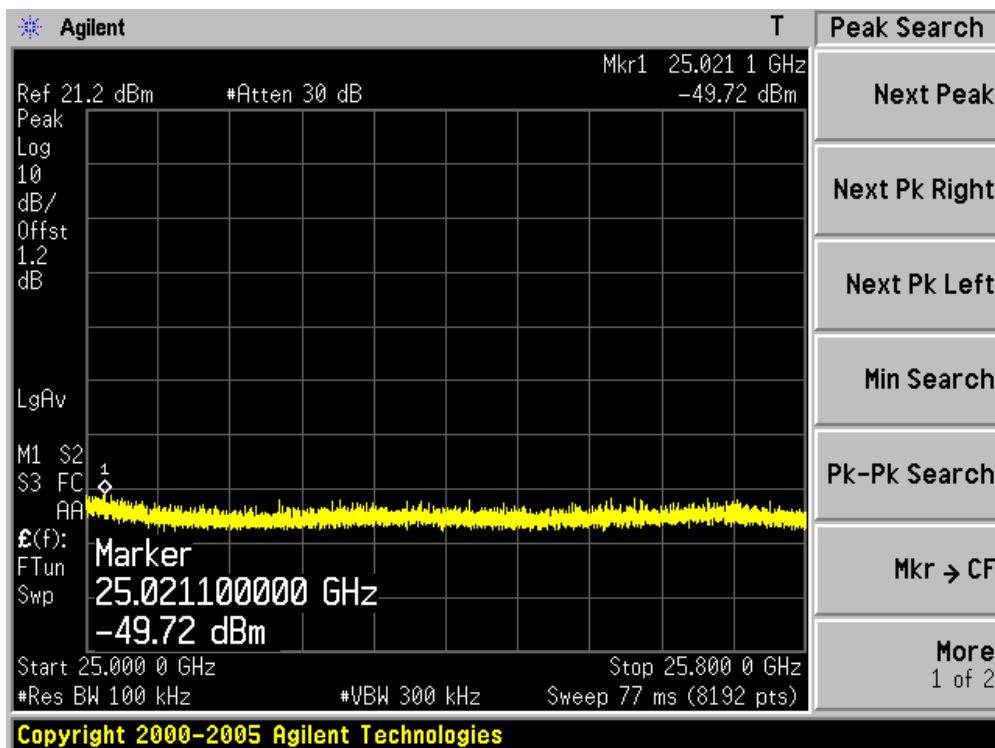
Channel 151 (5755MHz)



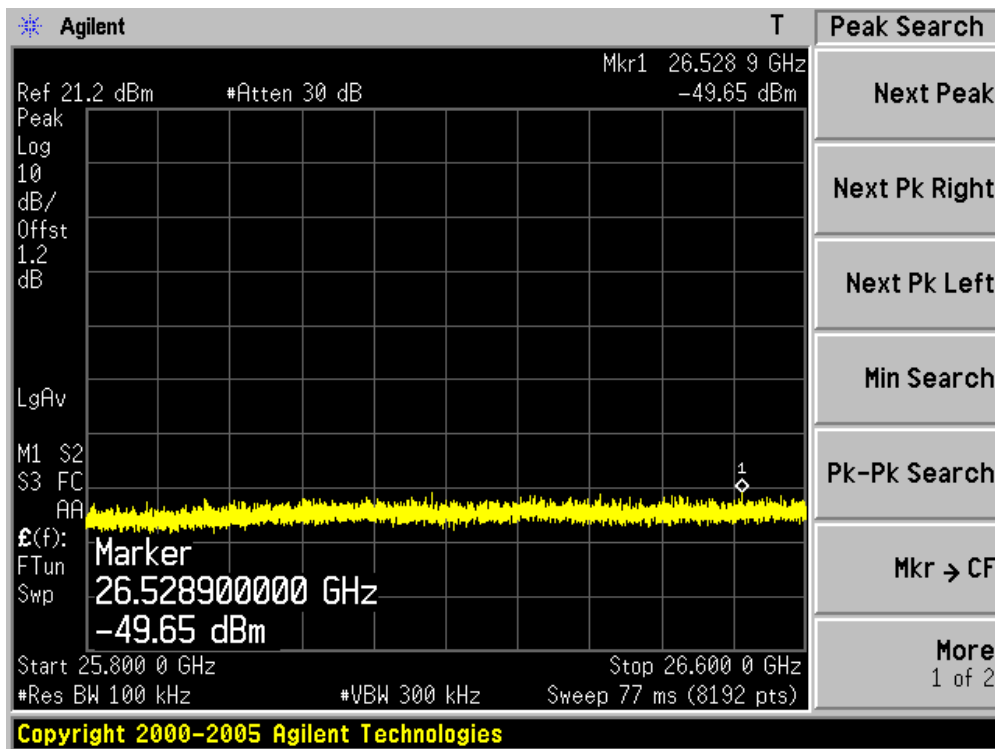
Channel 159 (5795MHz)



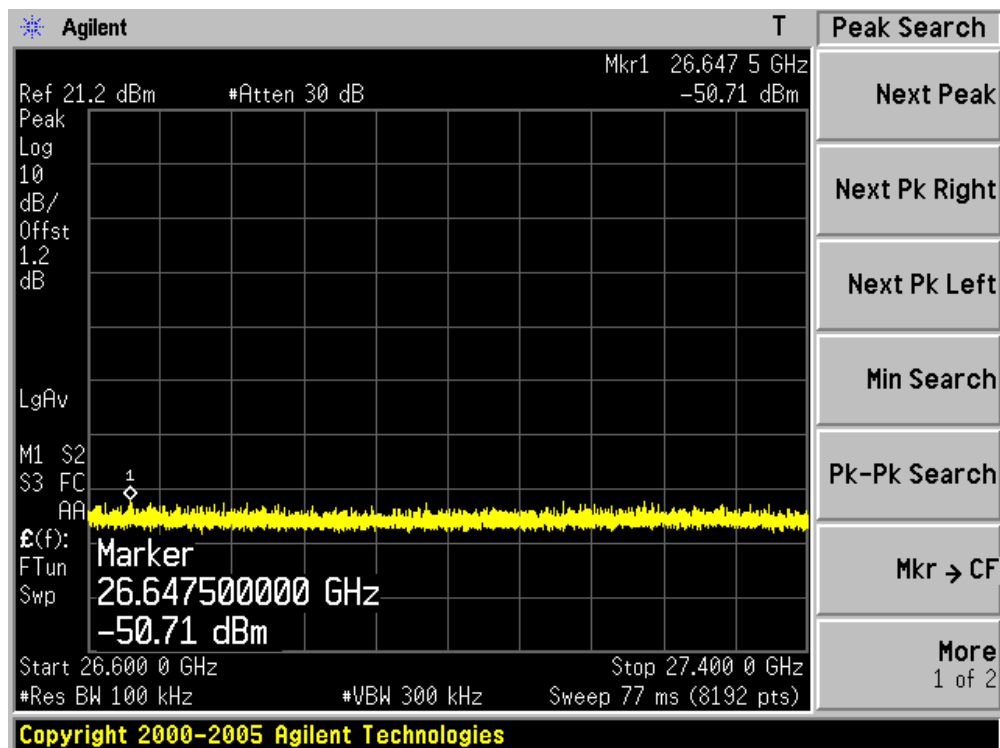
Channel 151 (5755MHz)-1



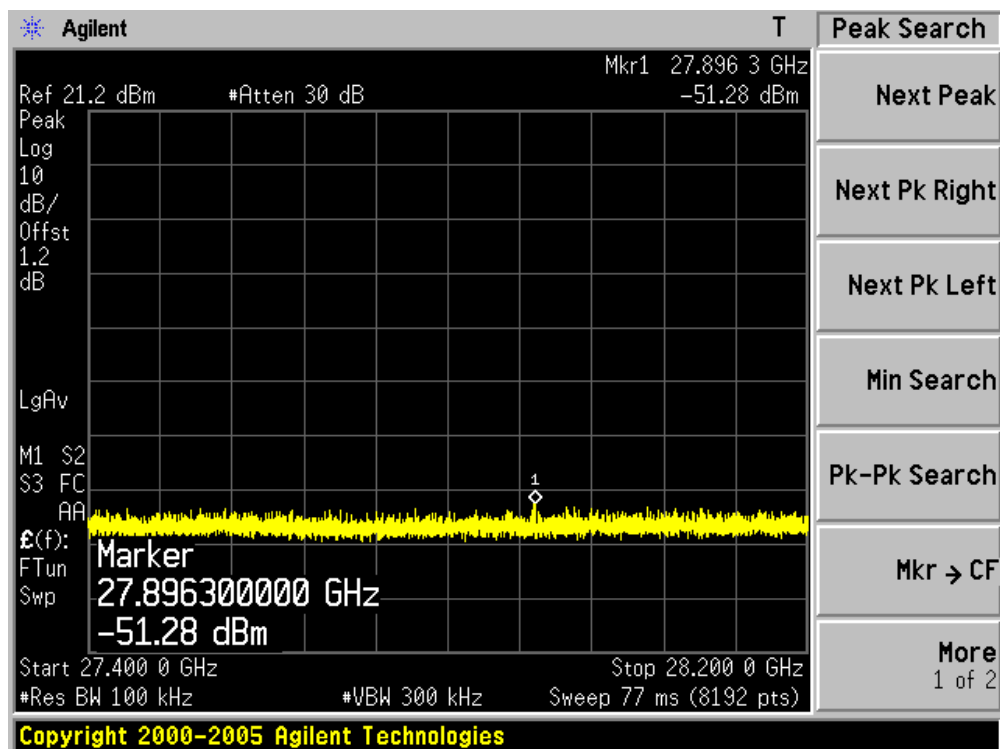
Channel 151 (5755MHz)-2



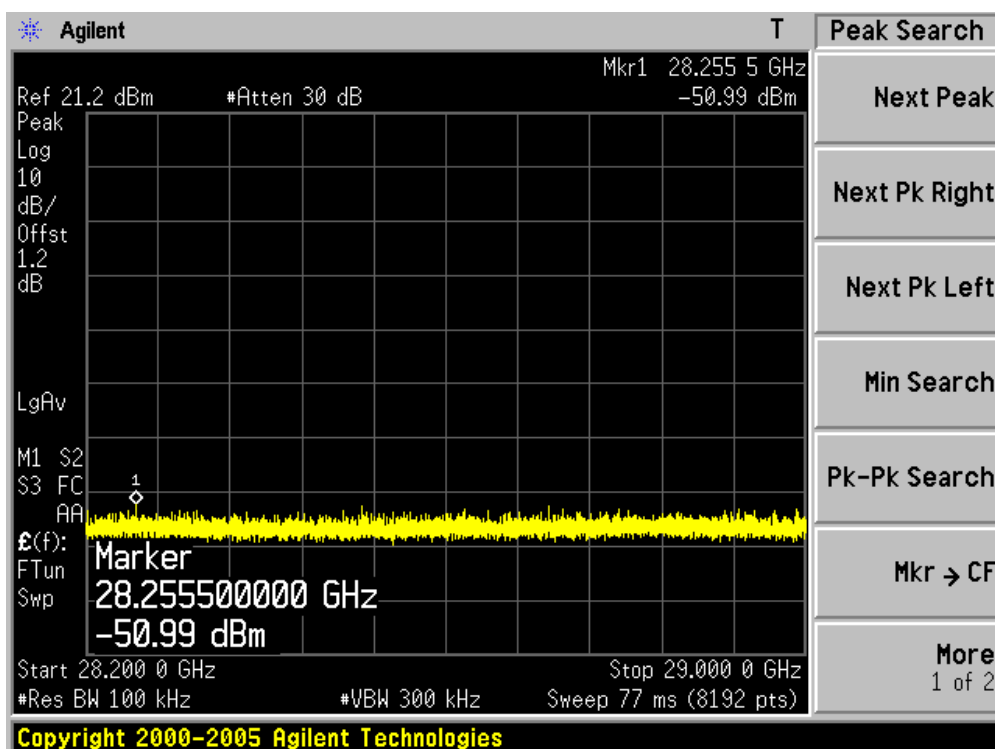
Channel 151 (5755MHz)-3



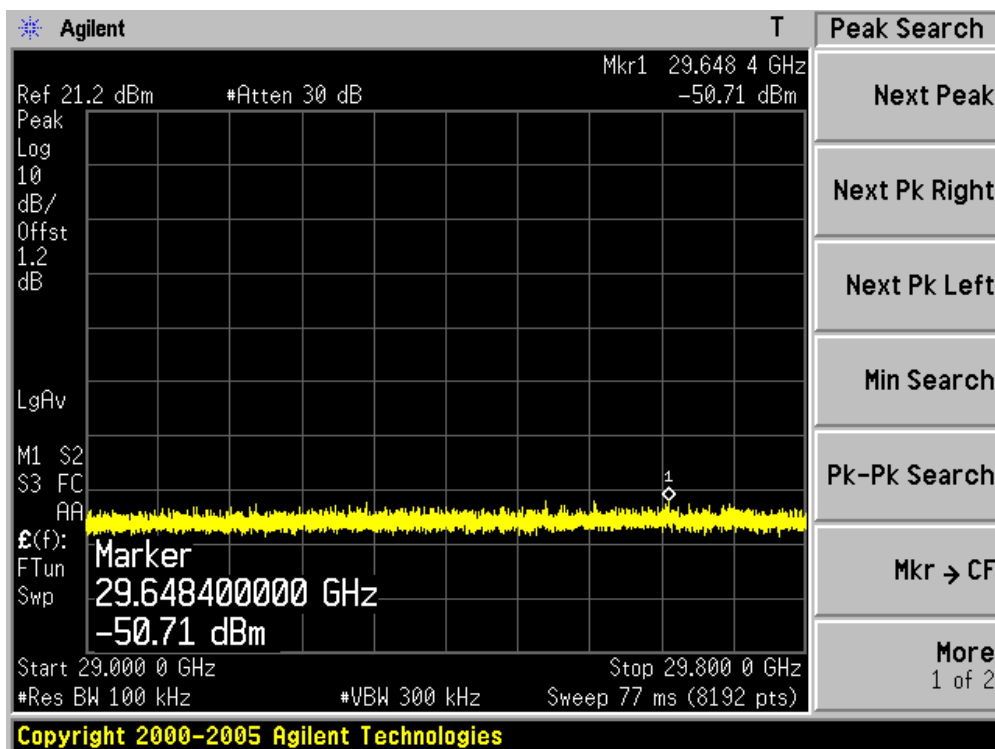
Channel 151 (5755MHz)-4



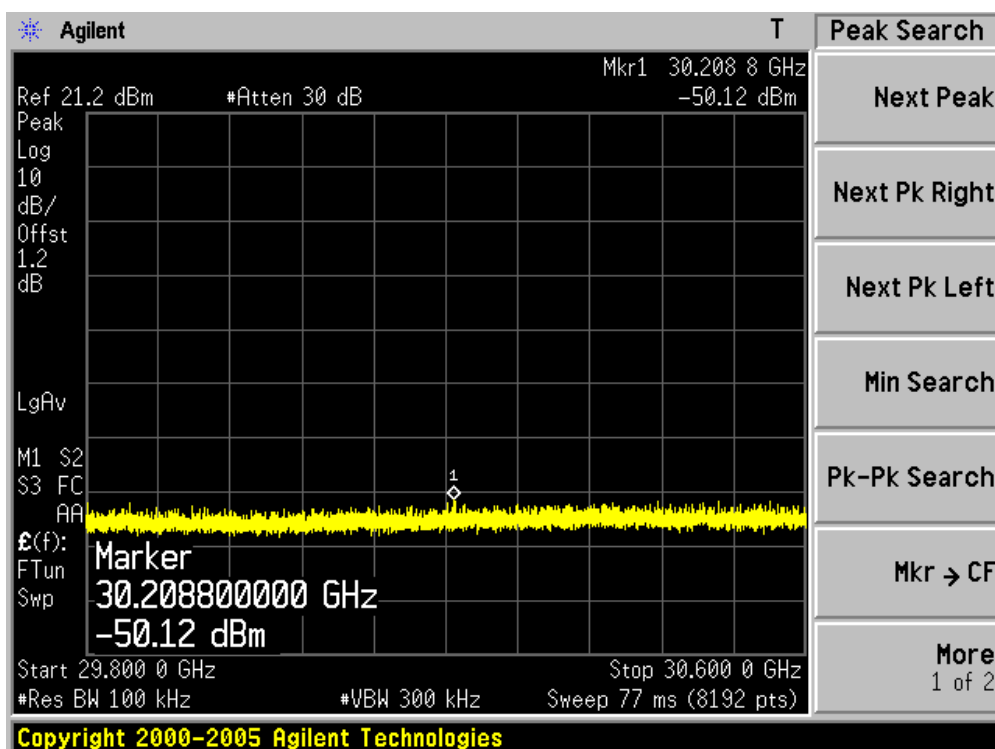
Channel 151 (5755MHz)-5



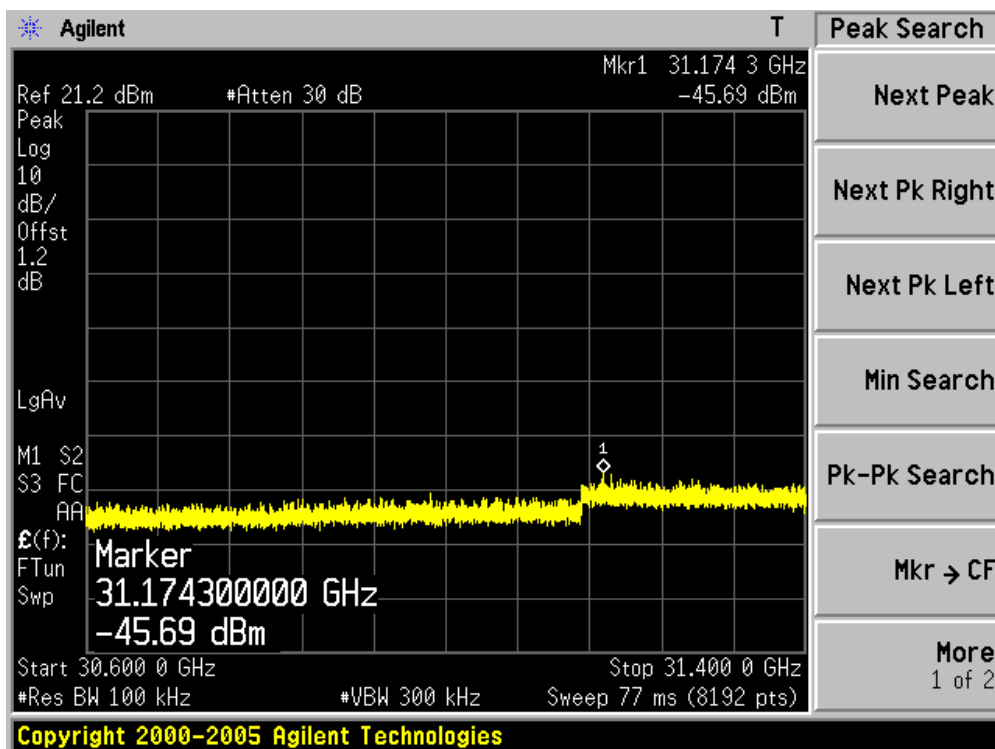
Channel 151 (5755MHz)-6



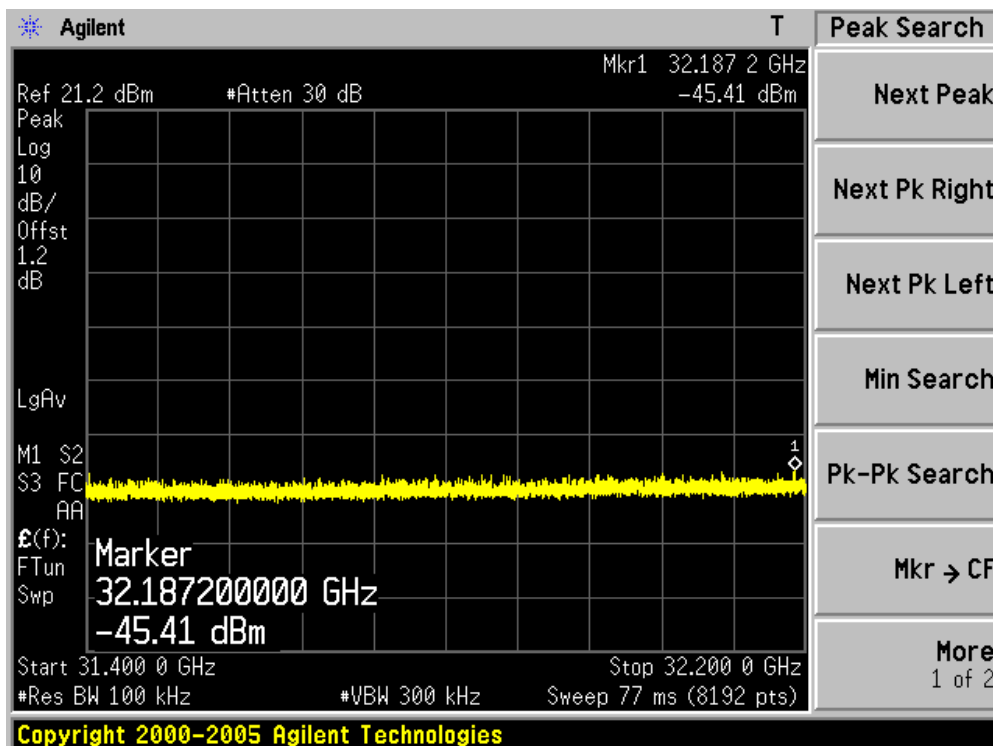
Channel 151 (5755MHz)-7



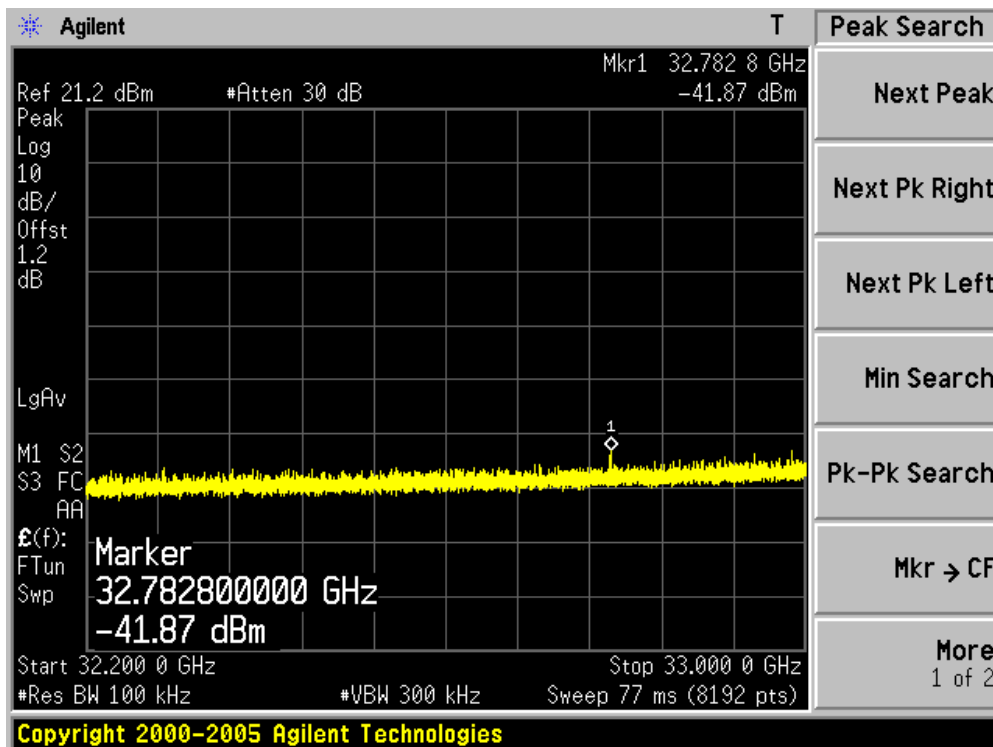
Channel 151 (5755MHz)-8



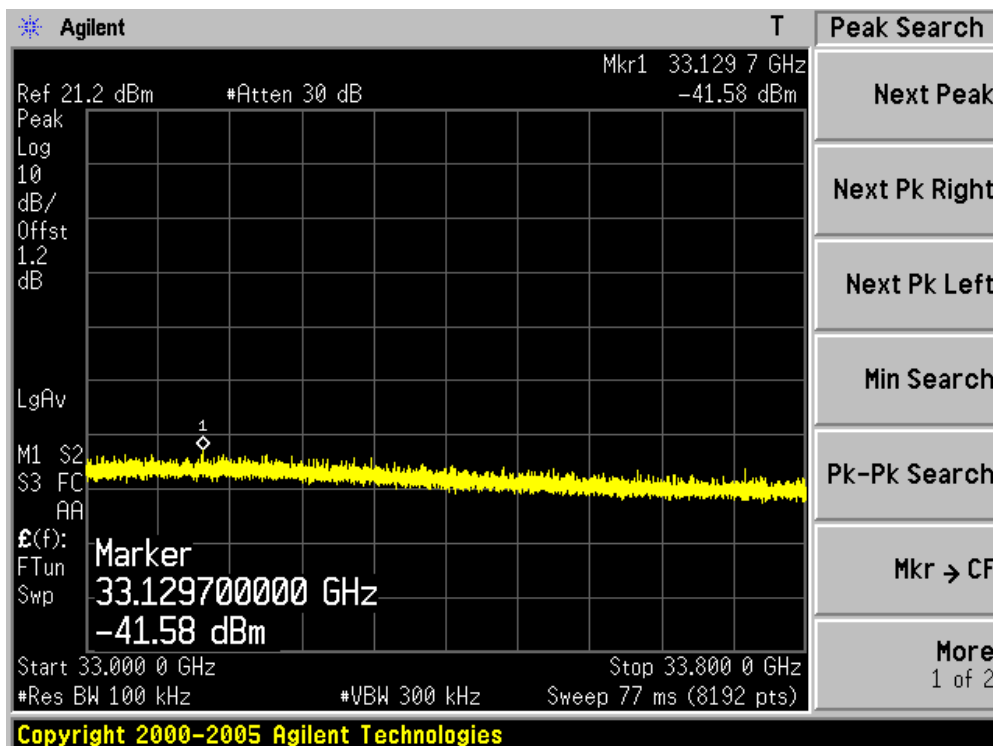
Channel 151 (5755MHz)-9



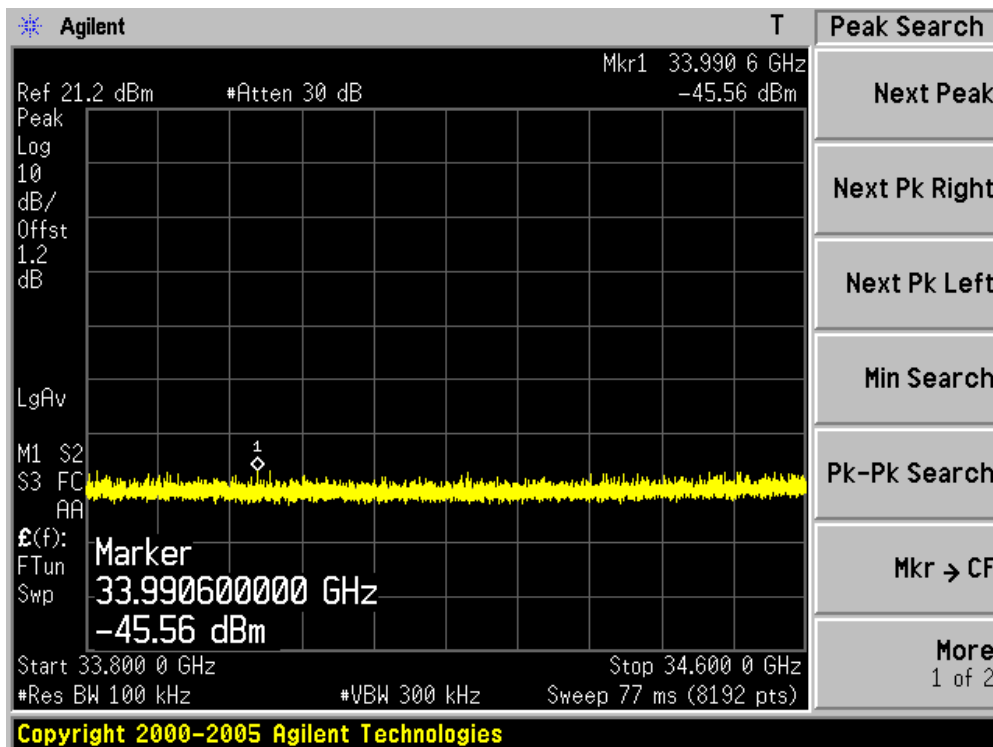
Channel 151 (5755MHz)-10



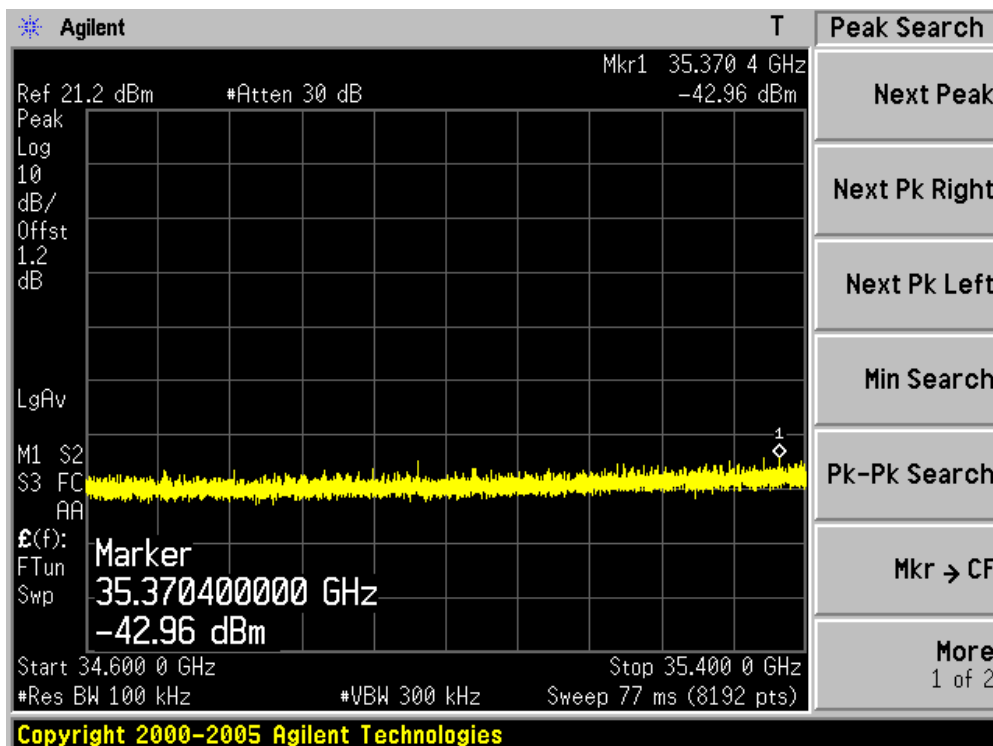
Channel 151 (5755MHz)-11



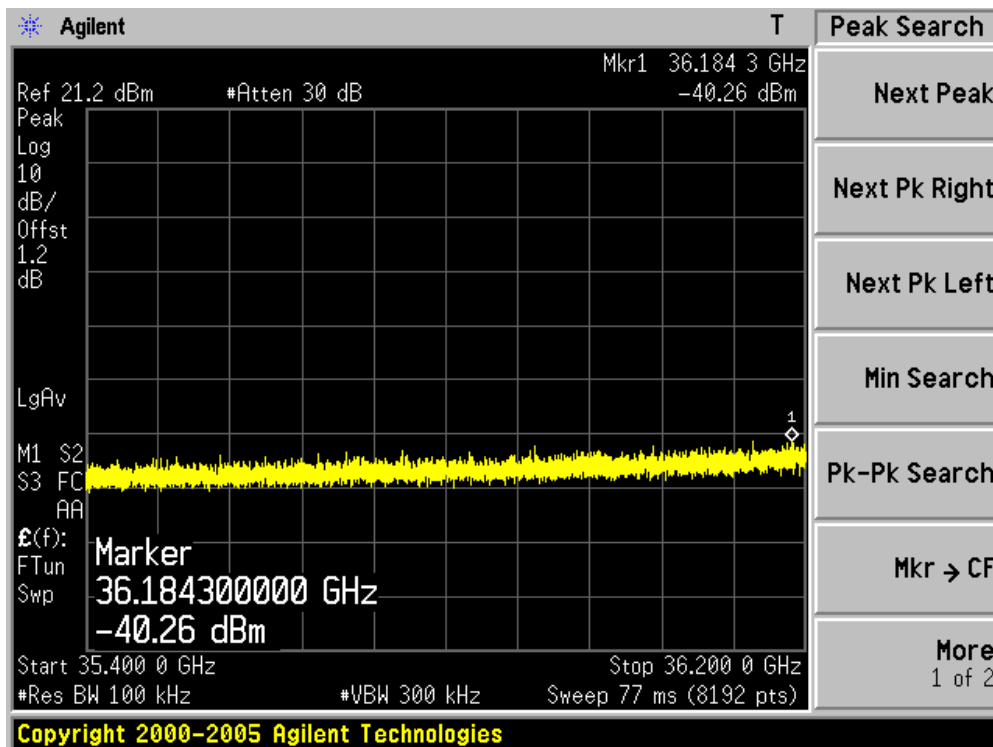
Channel 151 (5755MHz)-12



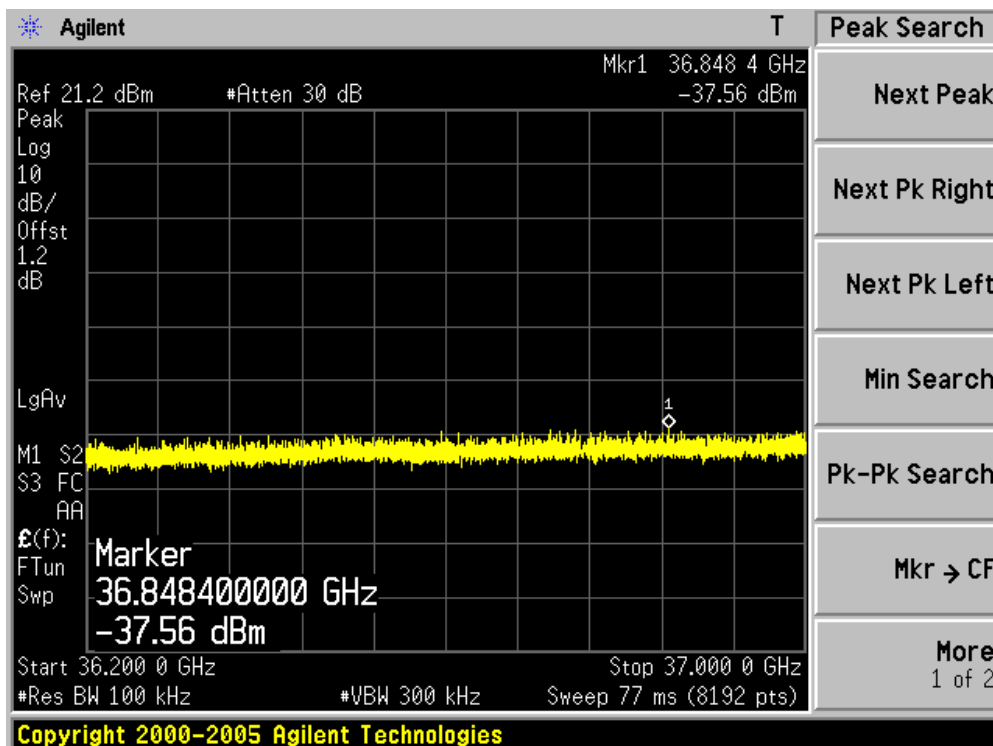
Channel 151 (5755MHz)-13



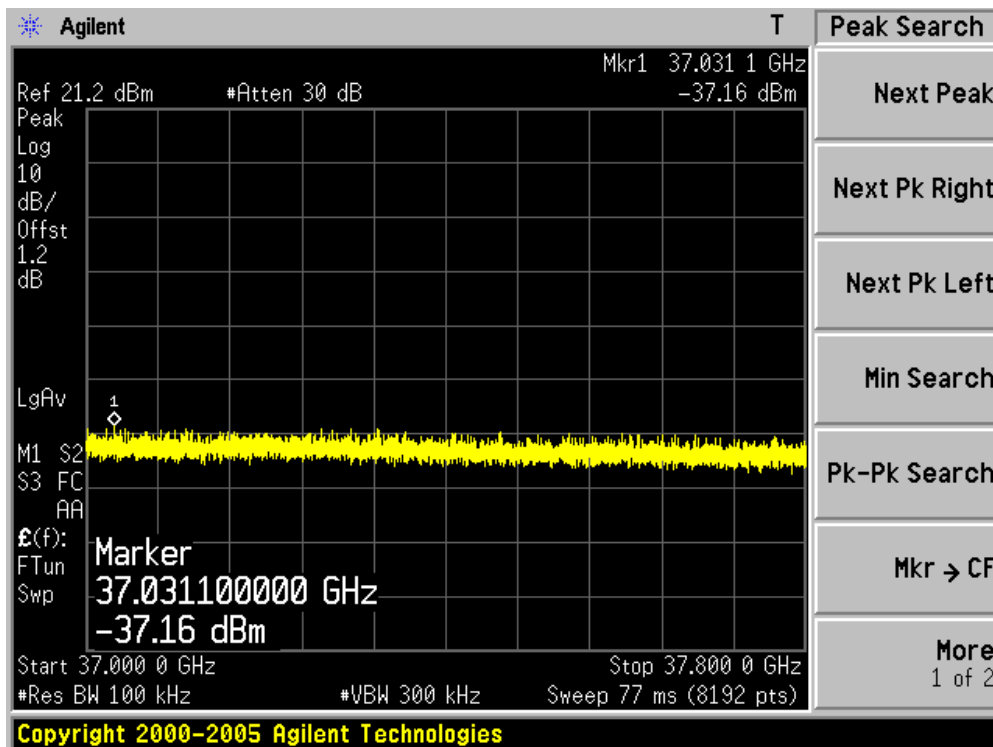
Channel 151 (5755MHz)-14



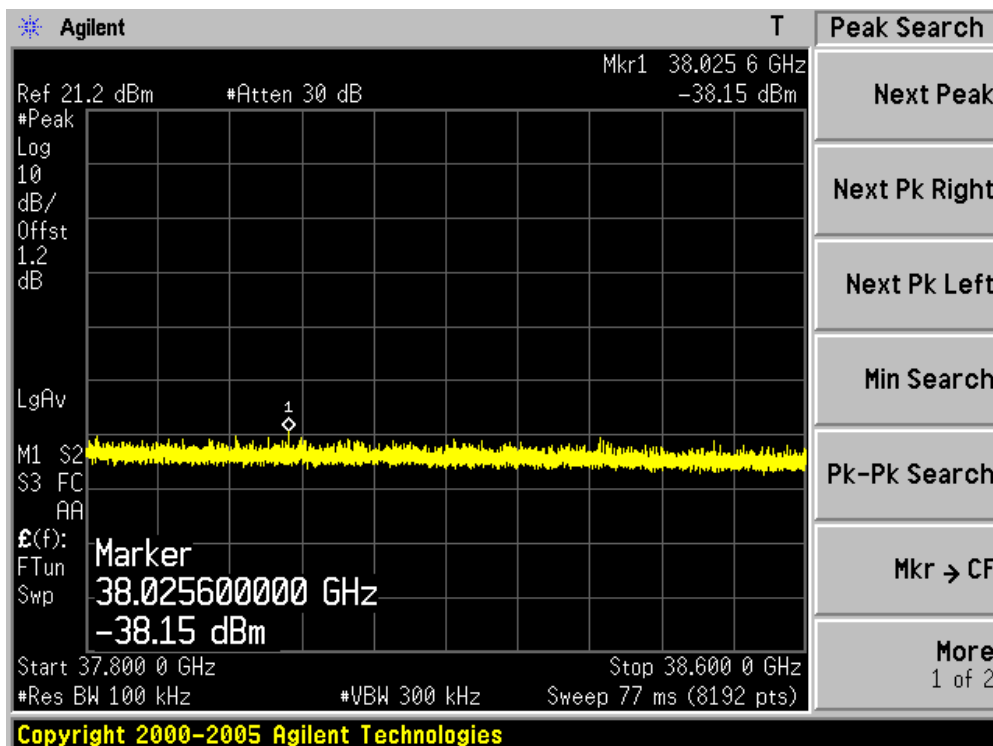
Channel 151 (5755MHz)-15



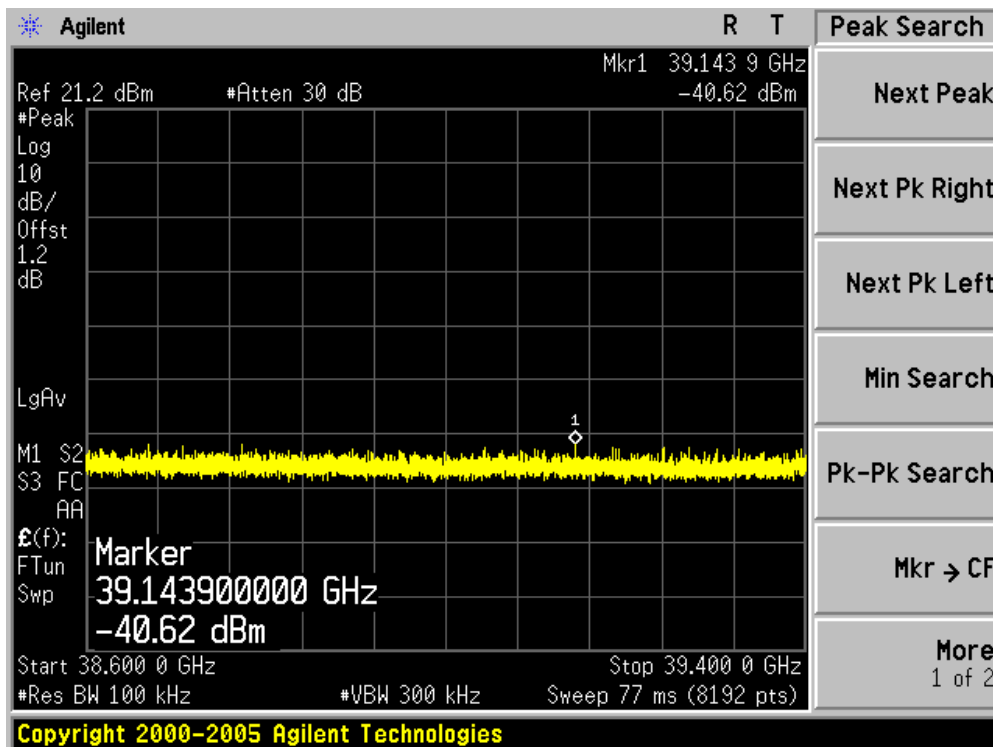
Channel 151 (5755MHz)-16



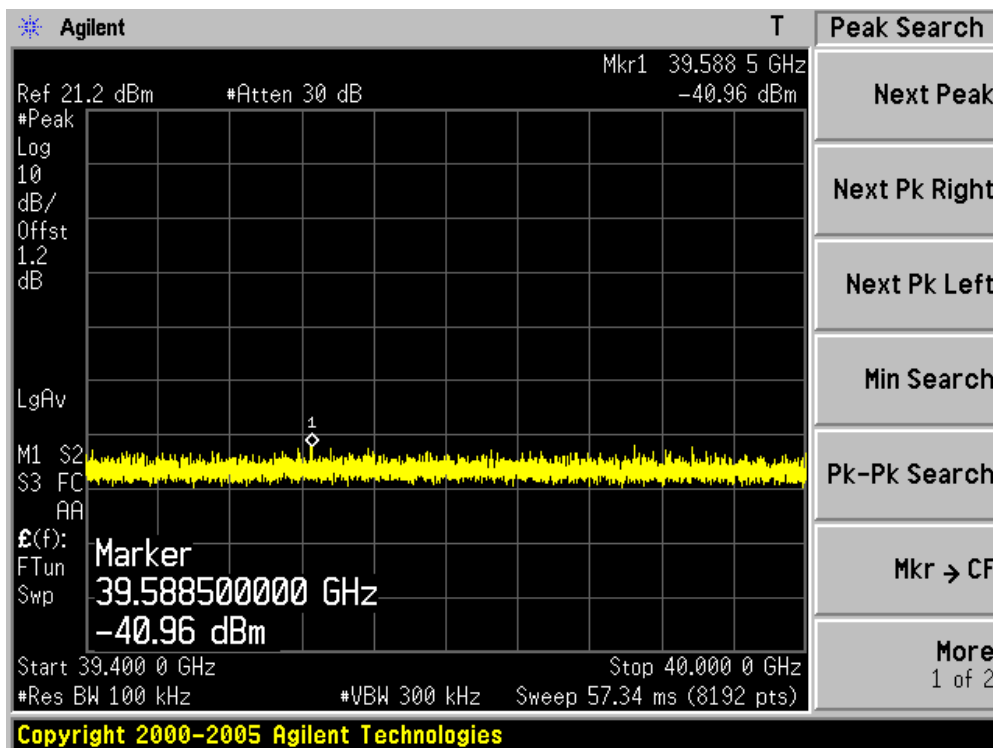
Channel 151 (5755MHz)-17



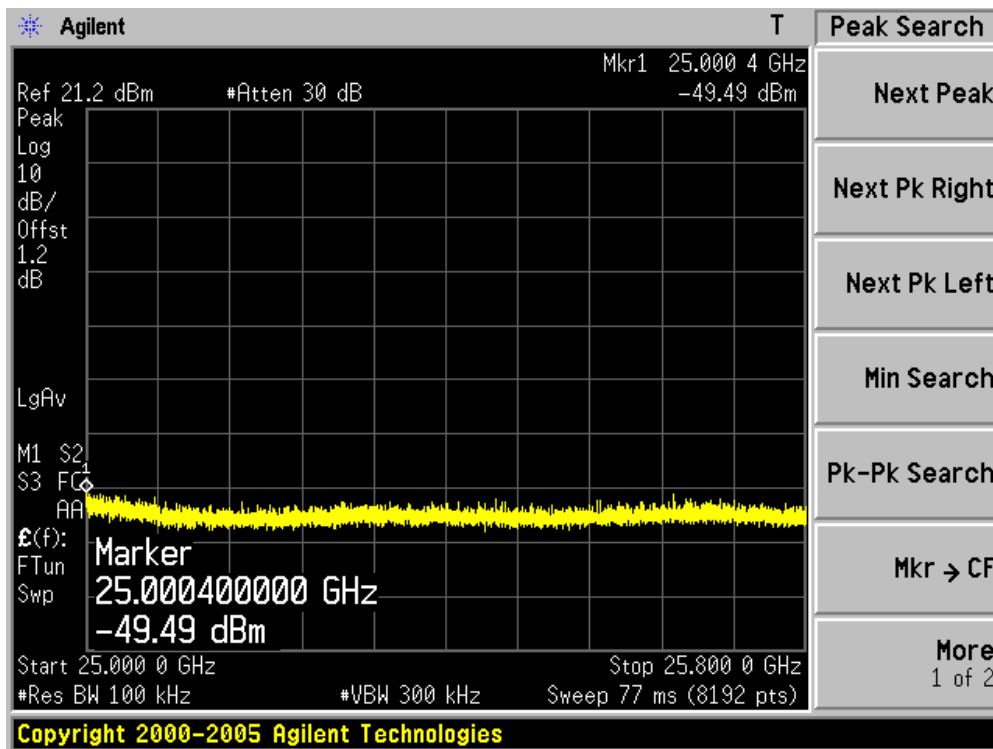
Channel 151 (5755MHz)-18



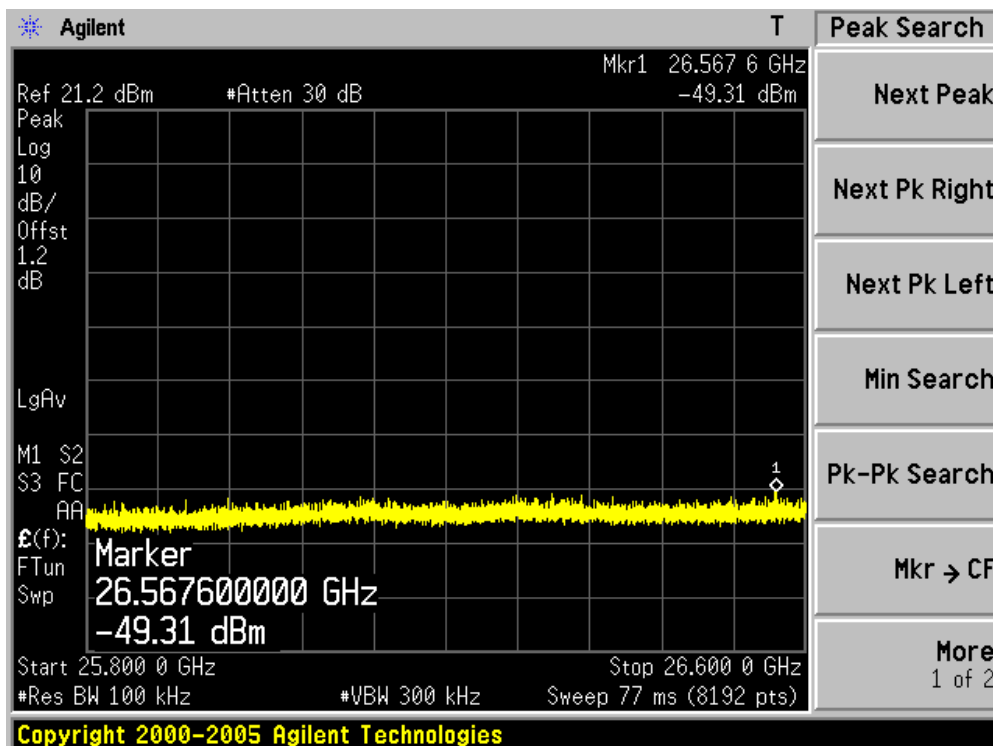
Channel 151 (5755MHz)-19



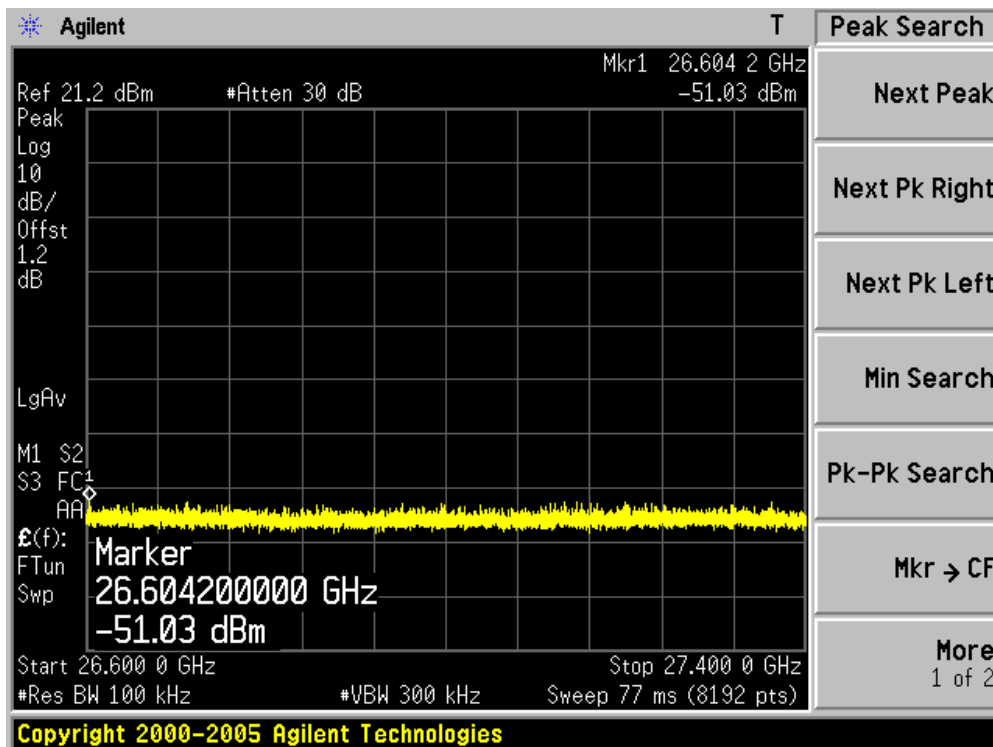
Channel 159 (5795MHz)-1



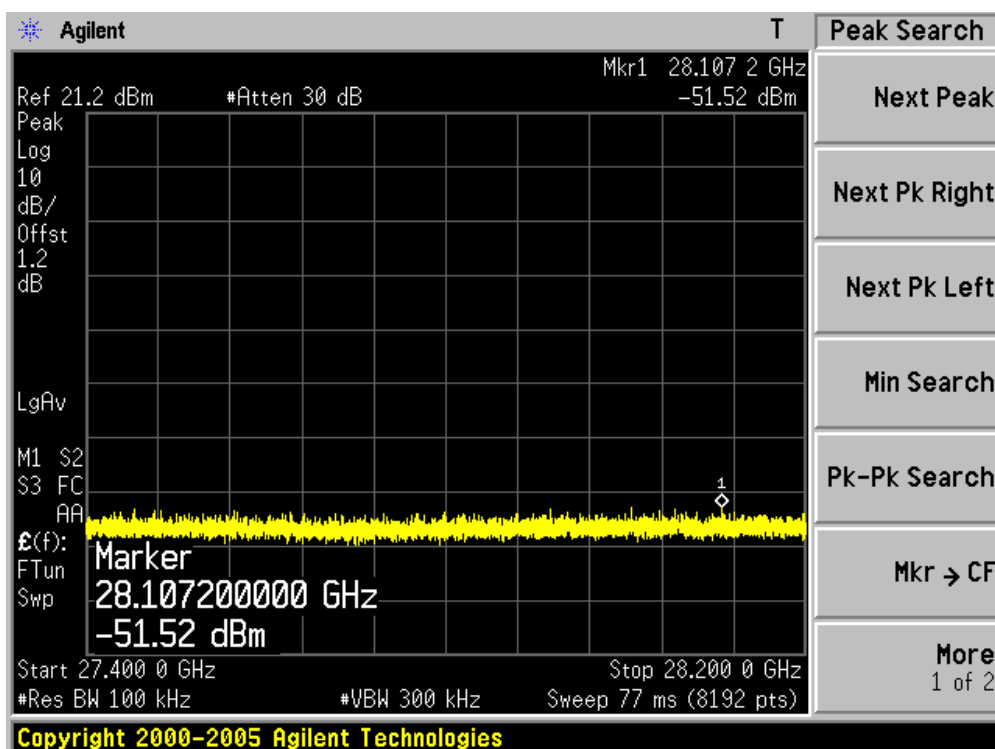
Channel 159 (5795MHz)-2



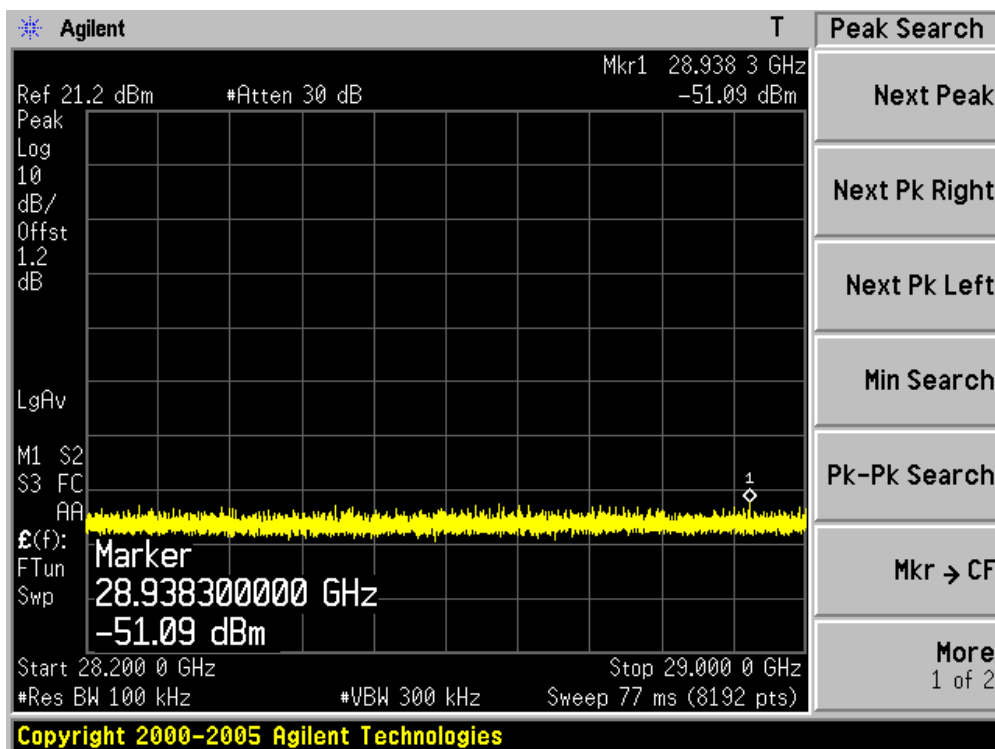
Channel 159 (5795MHz)-3



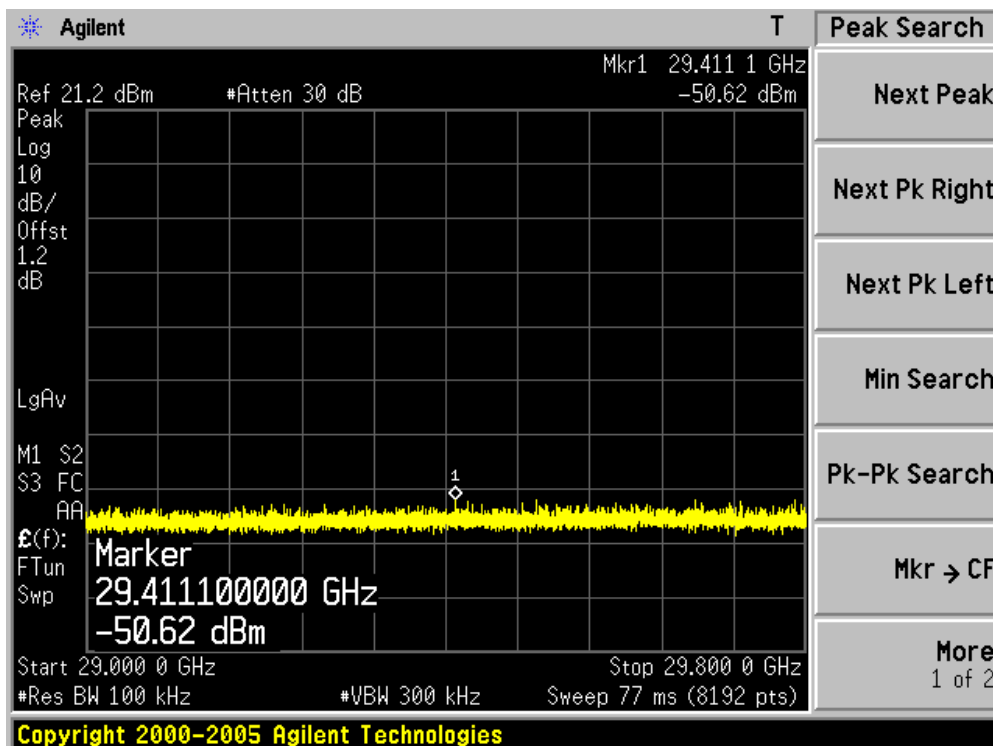
Channel 159 (5795MHz)-4



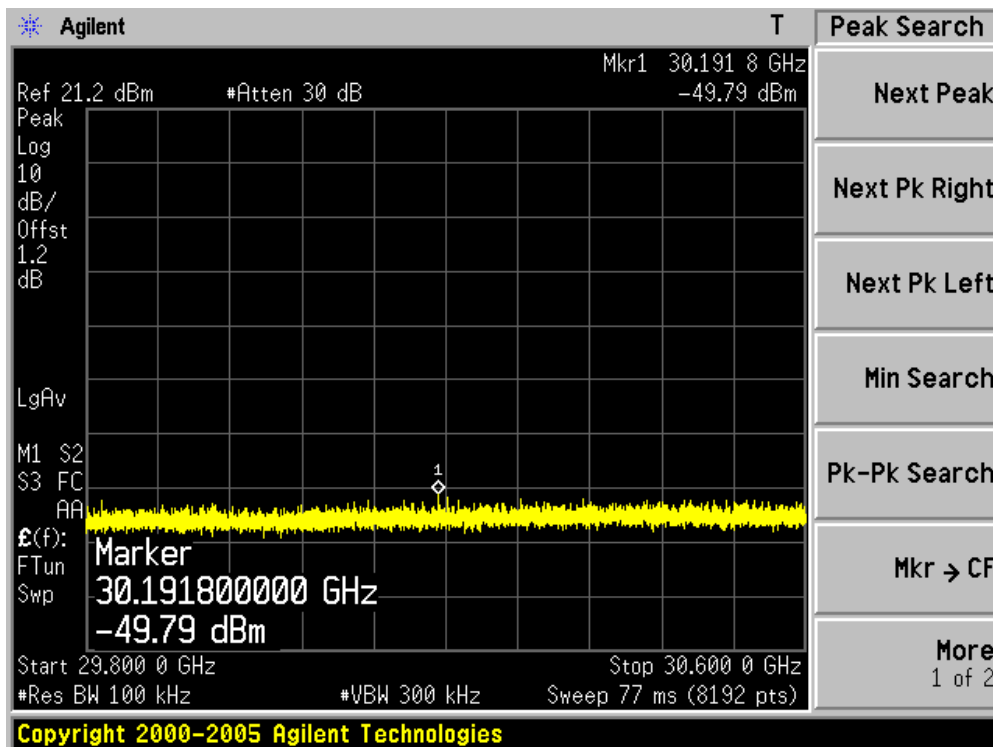
Channel 159 (5795MHz)-5



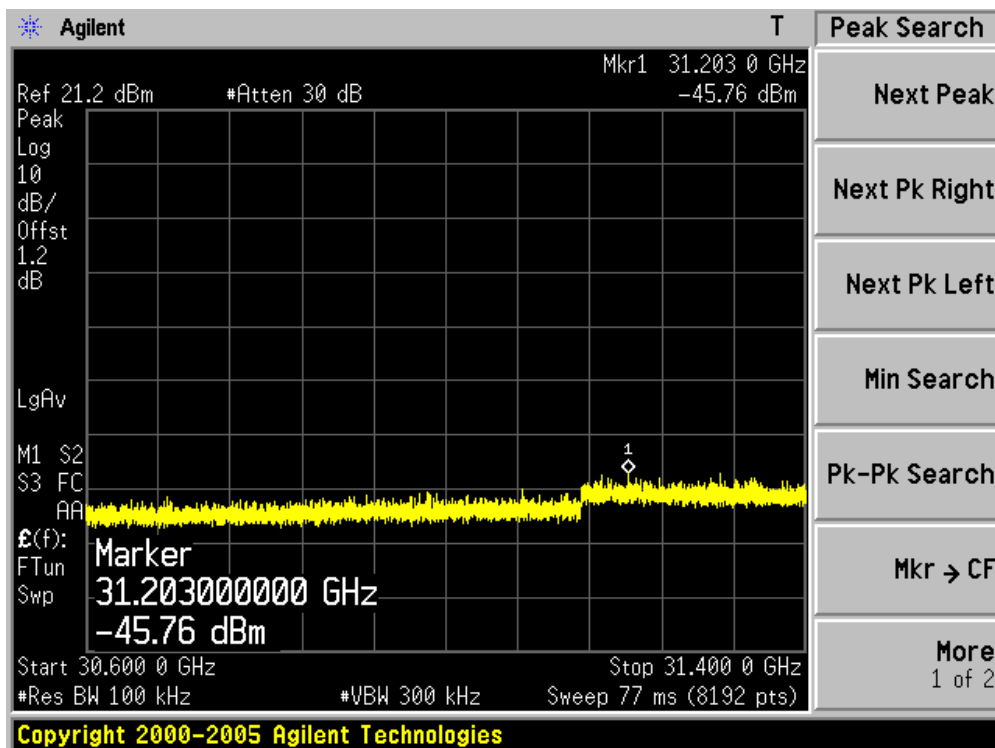
Channel 159 (5795MHz)-6



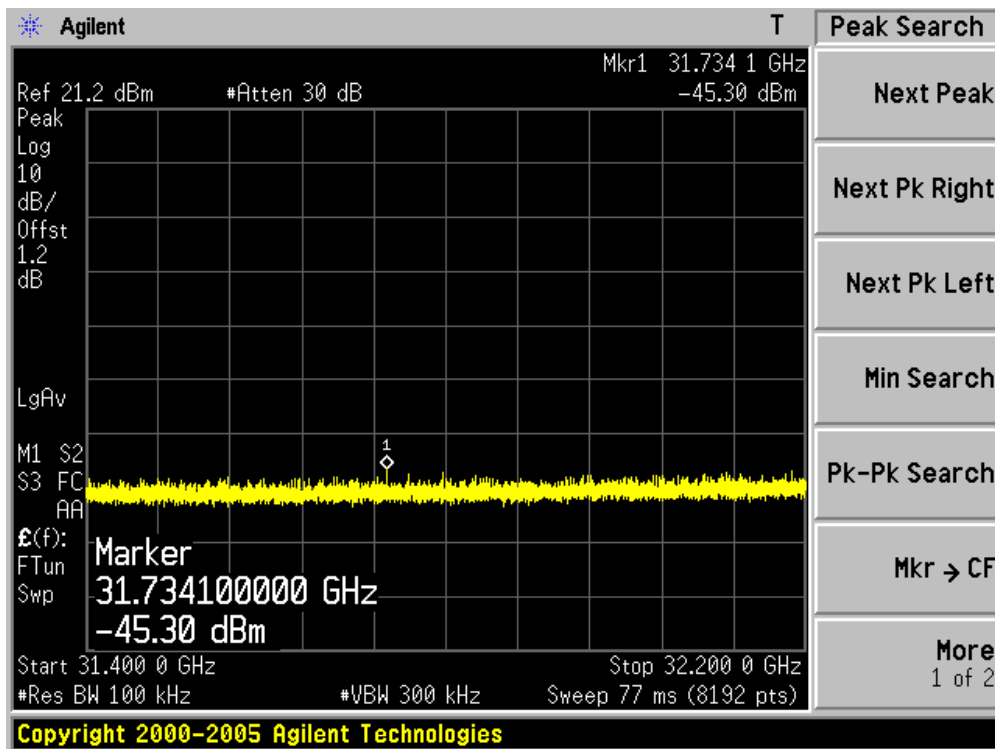
Channel 159 (5795MHz)-7



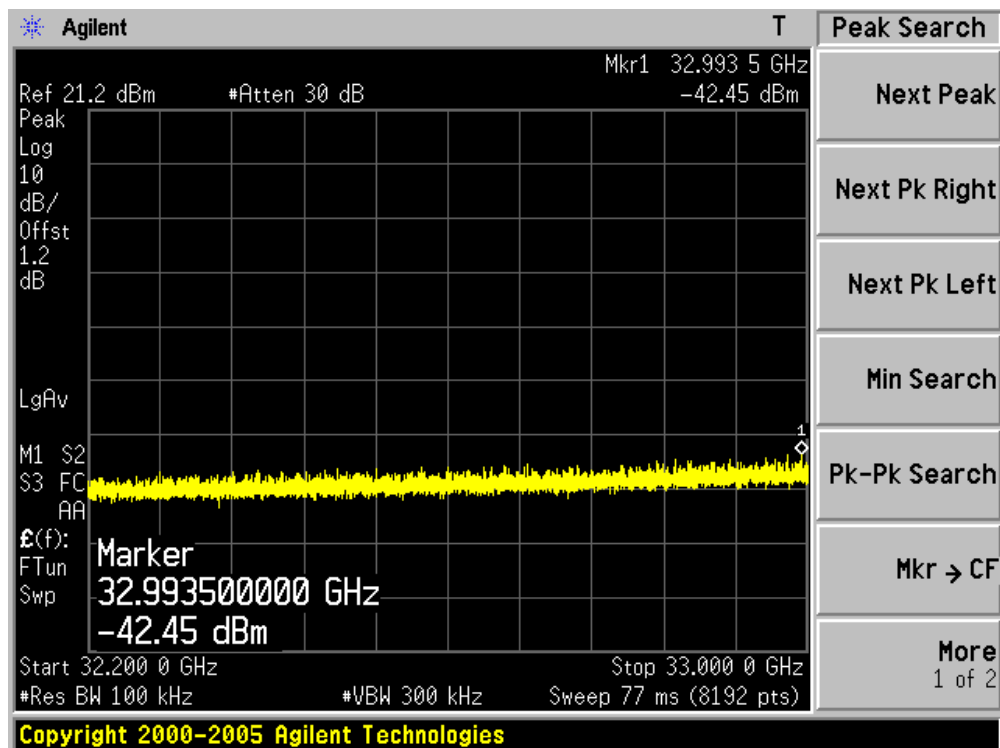
Channel 159 (5795MHz)-8



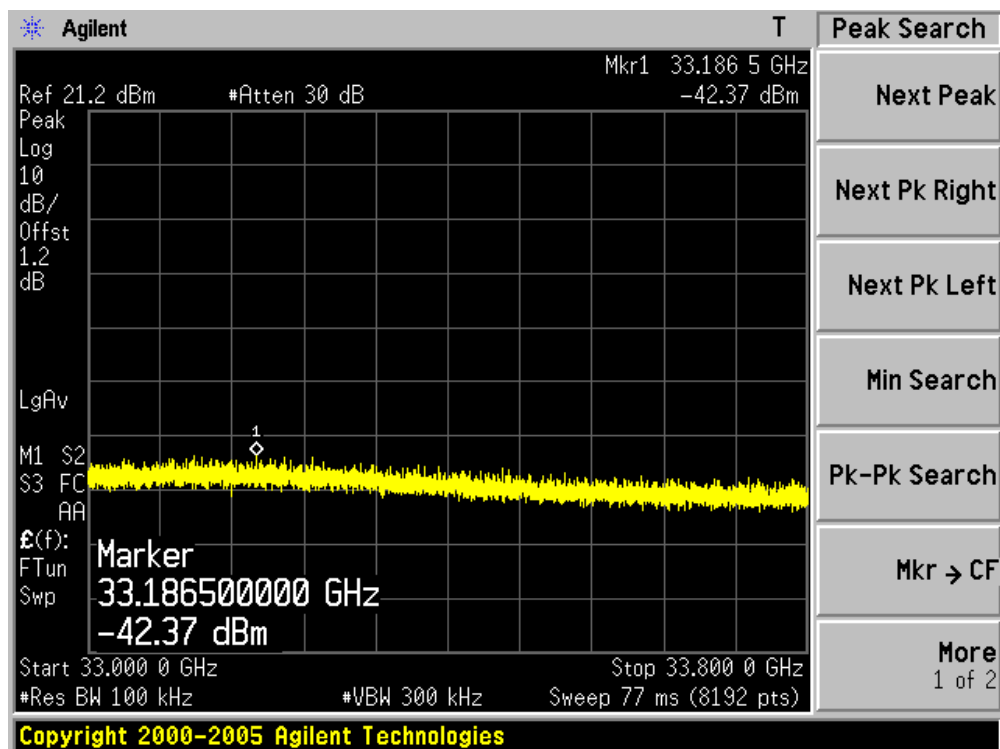
Channel 159 (5795MHz)-9



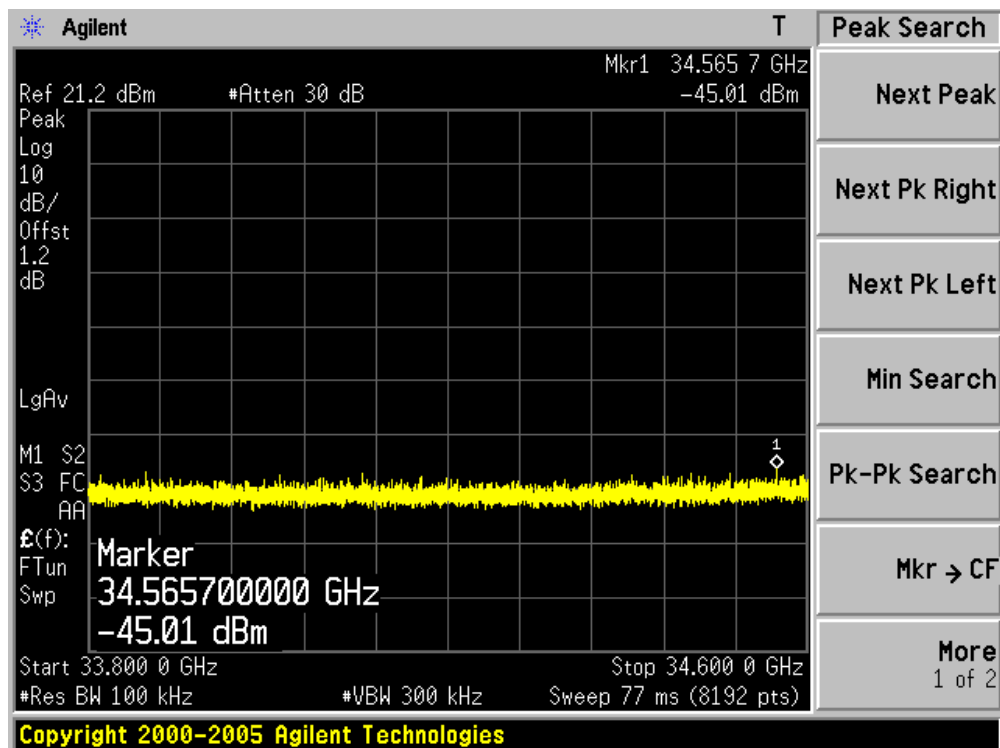
Channel 159 (5795MHz)-10



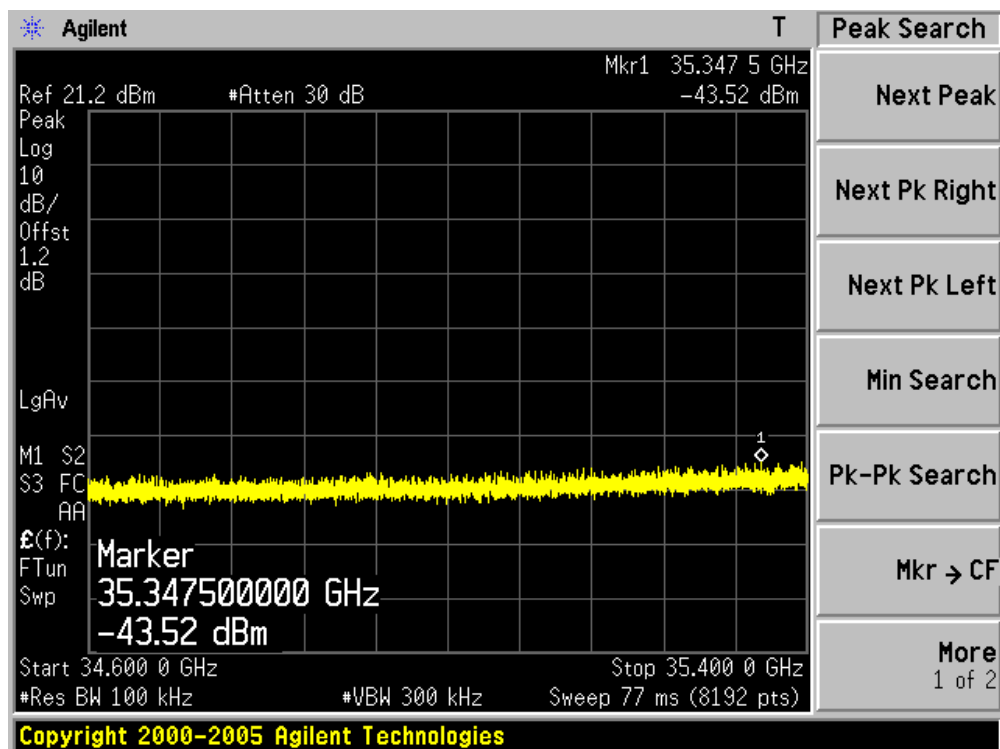
Channel 159 (5795MHz)-11



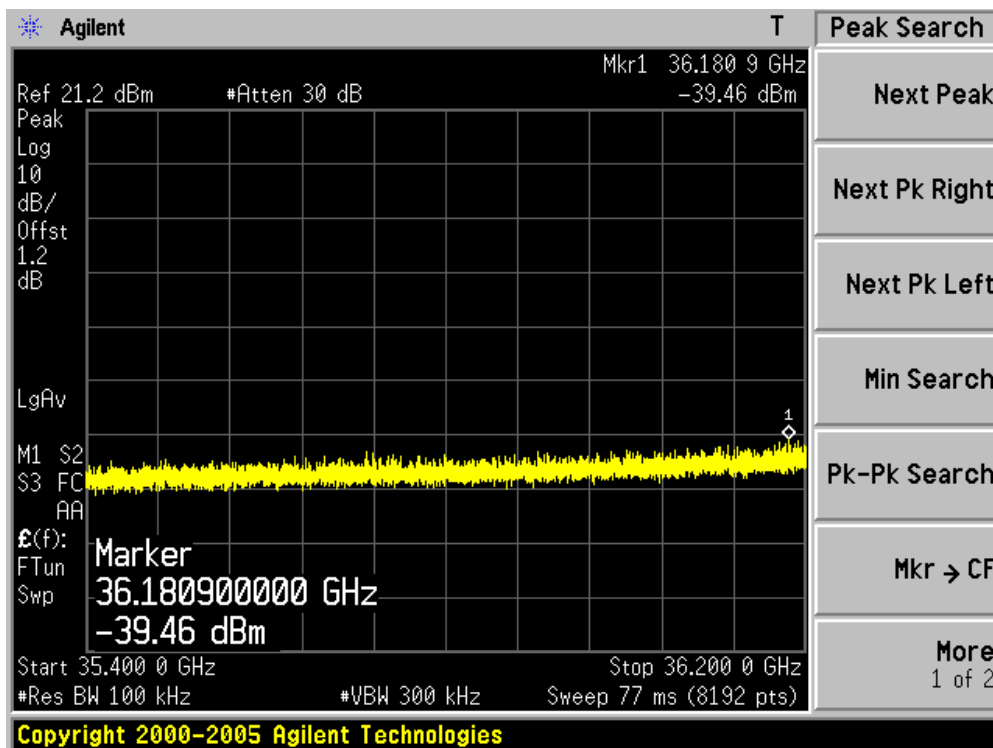
Channel 159 (5795MHz)-12



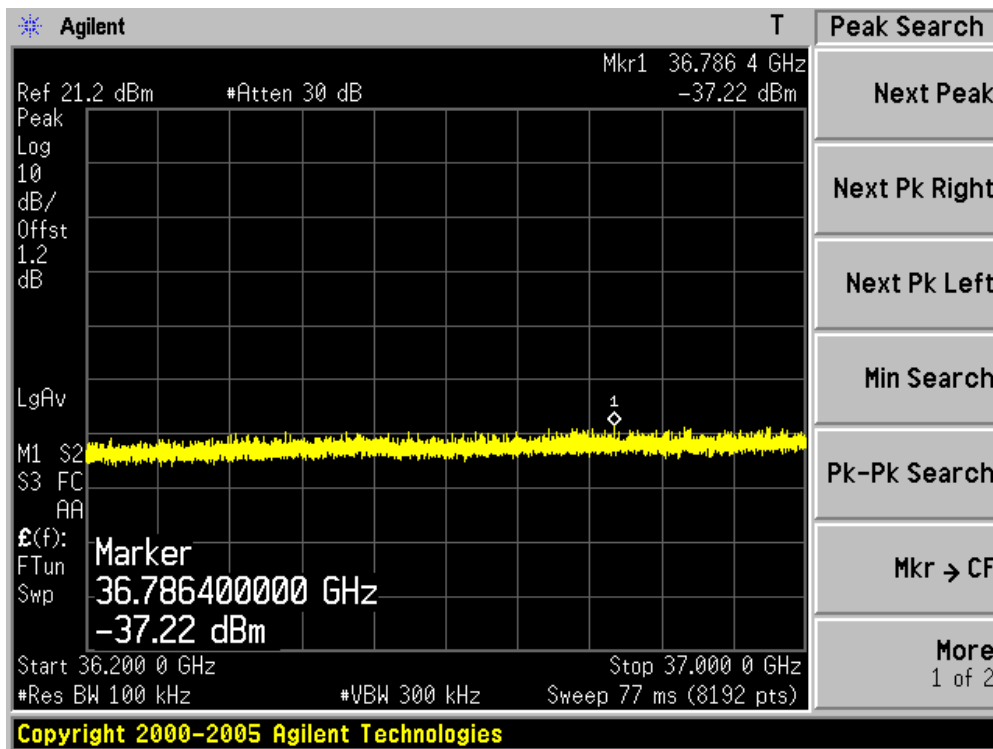
Channel 159 (5795MHz)-13



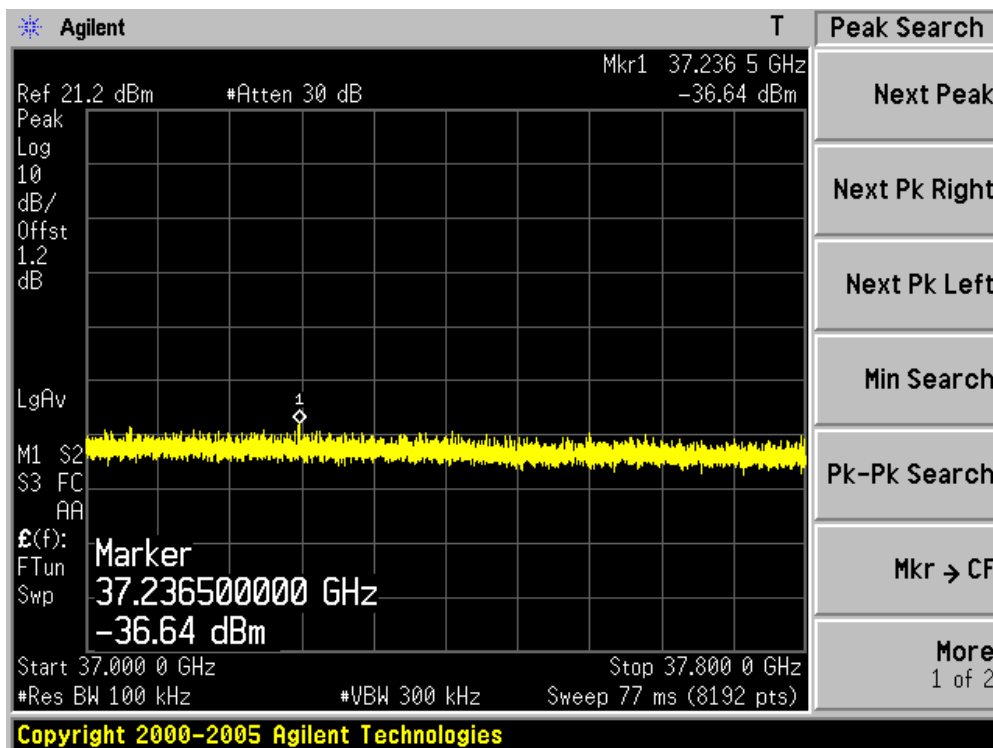
Channel 159 (5795MHz)-14



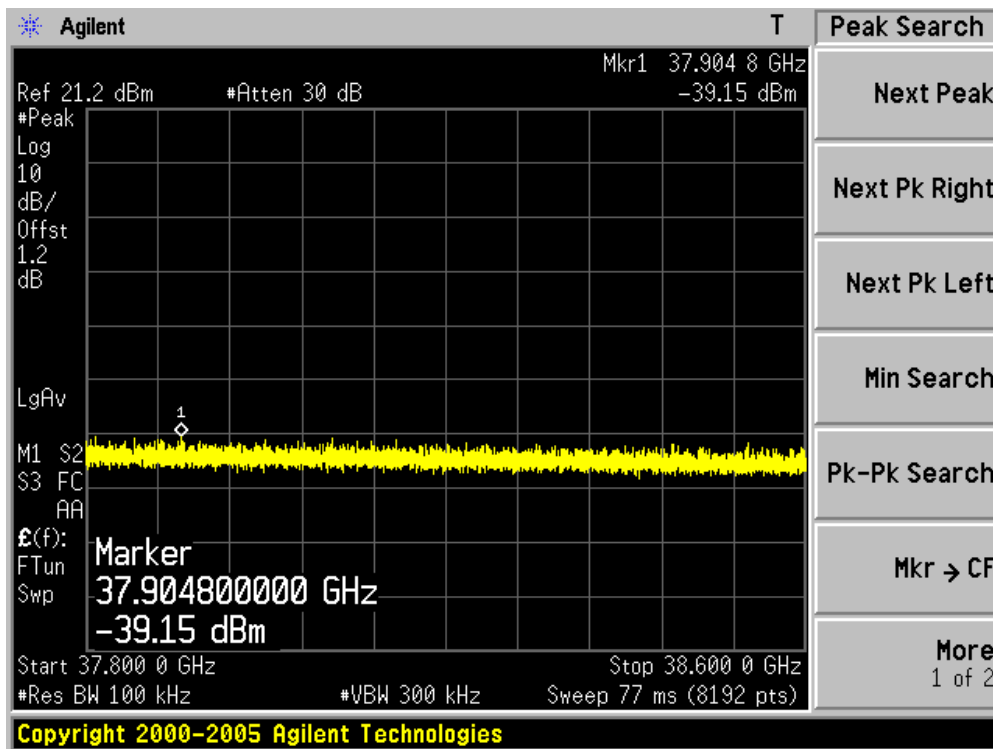
Channel 159 (5795MHz)-15



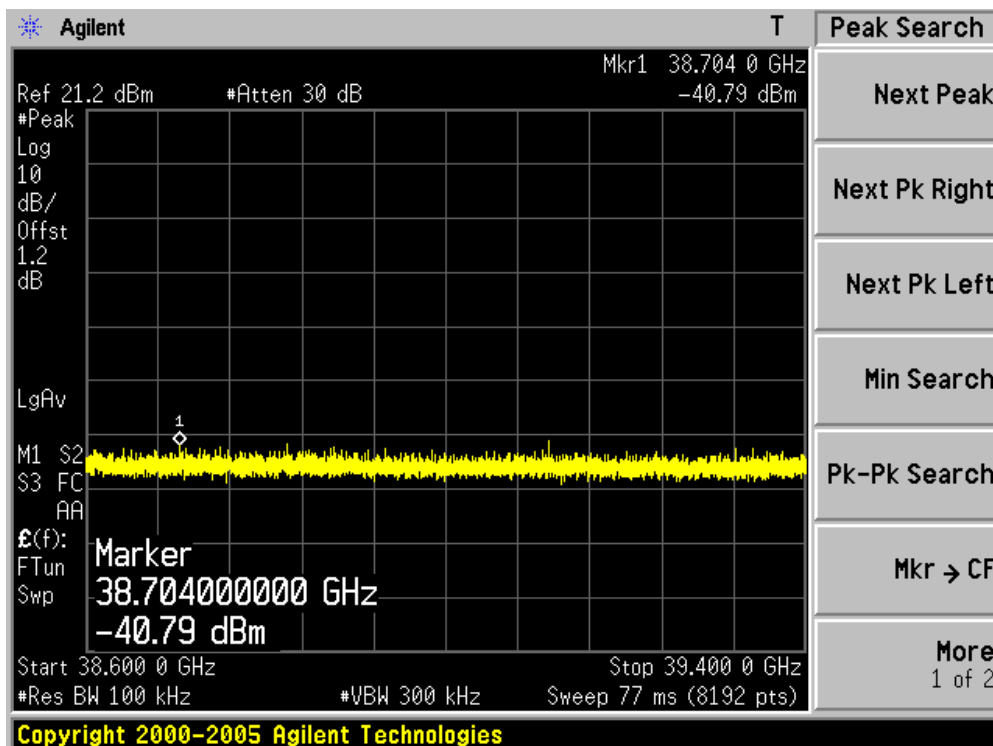
Channel 159 (5795MHz)-16



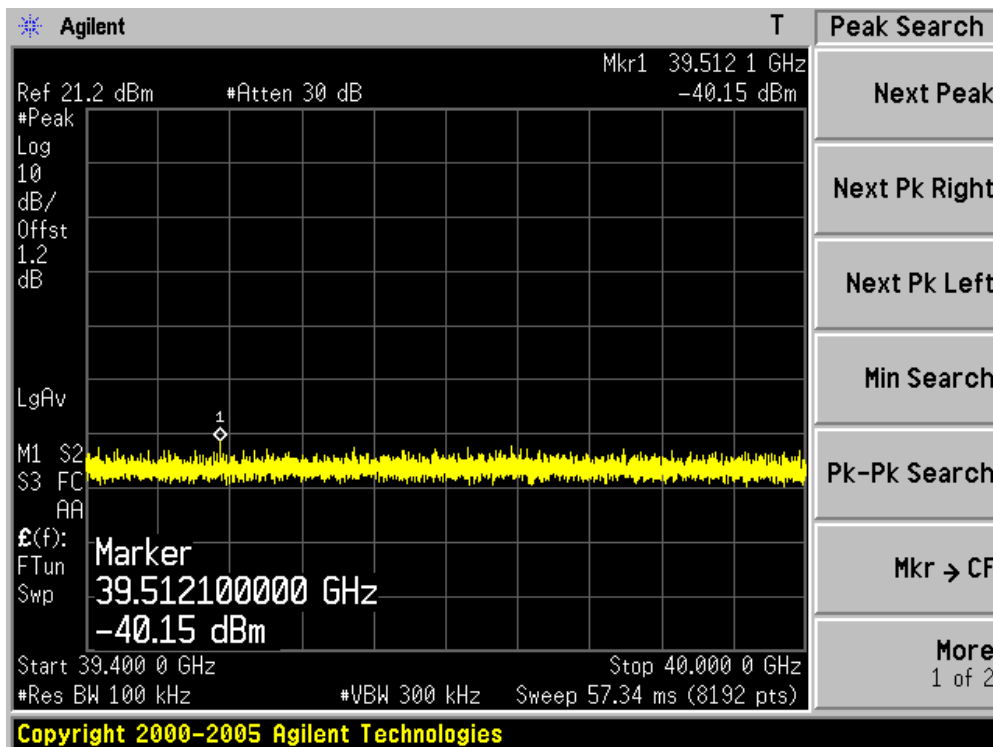
Channel 159 (5795MHz)-17



Channel 159 (5795MHz)-18

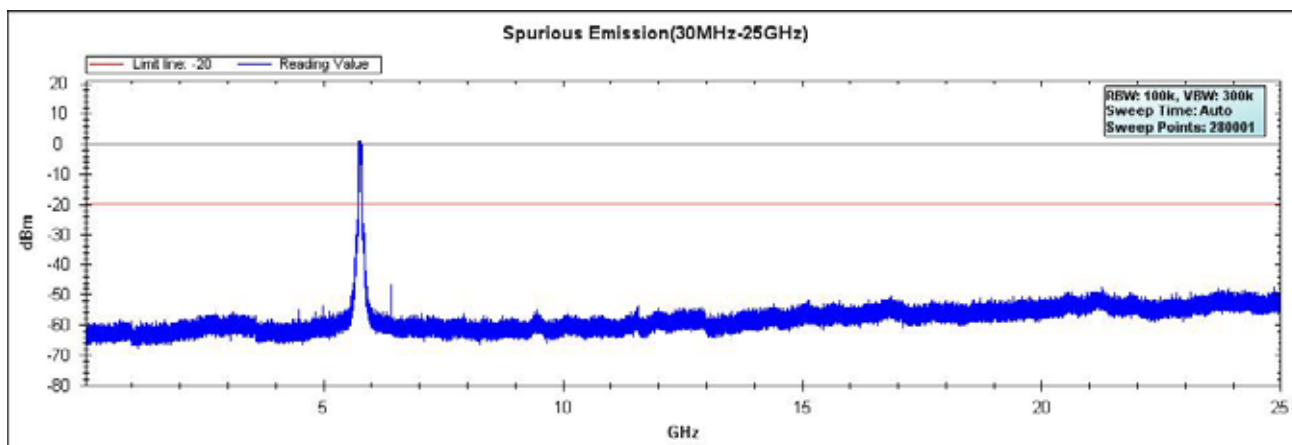


Channel 159 (5795MHz)-19

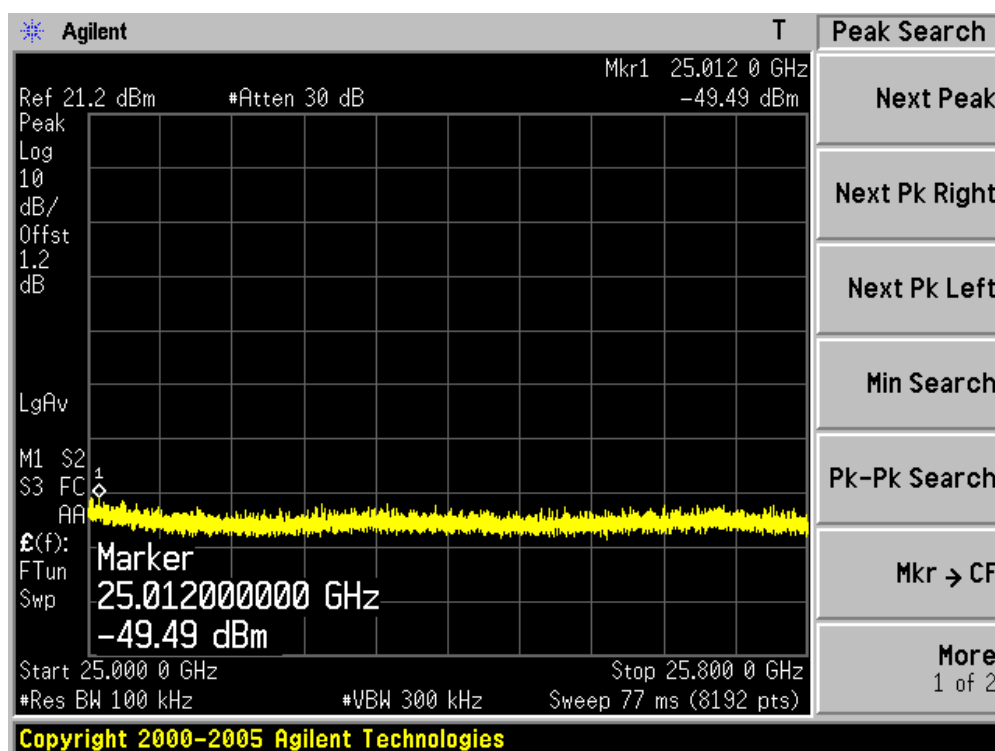


Product	:	Mi Wi-Fi
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 2)

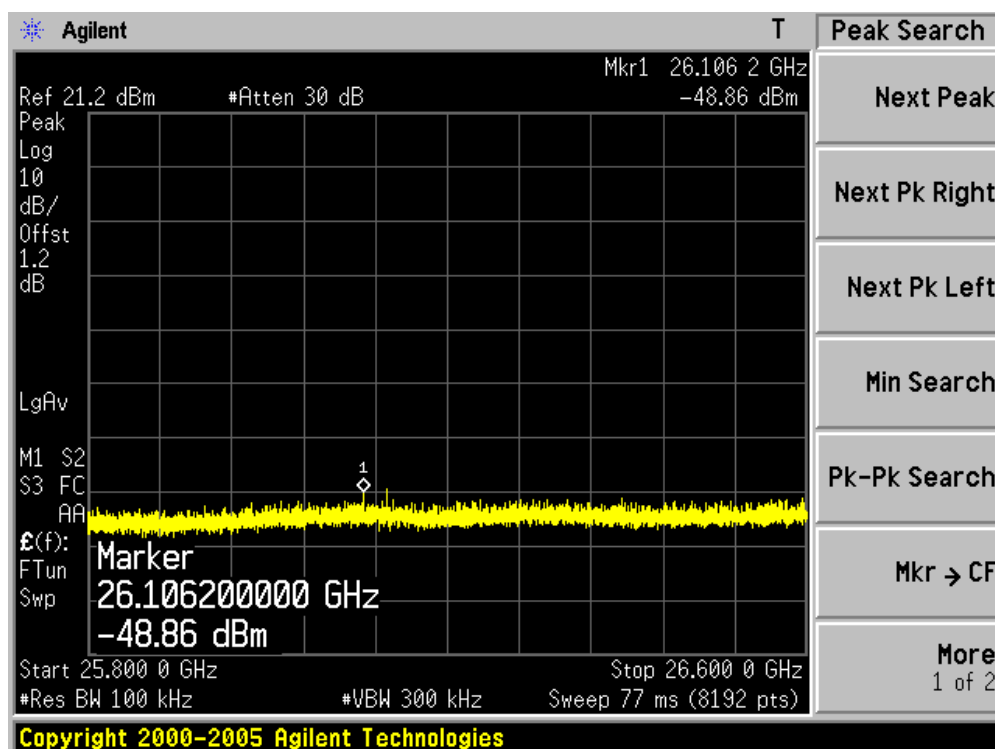
Channel 155 (5755MHz)



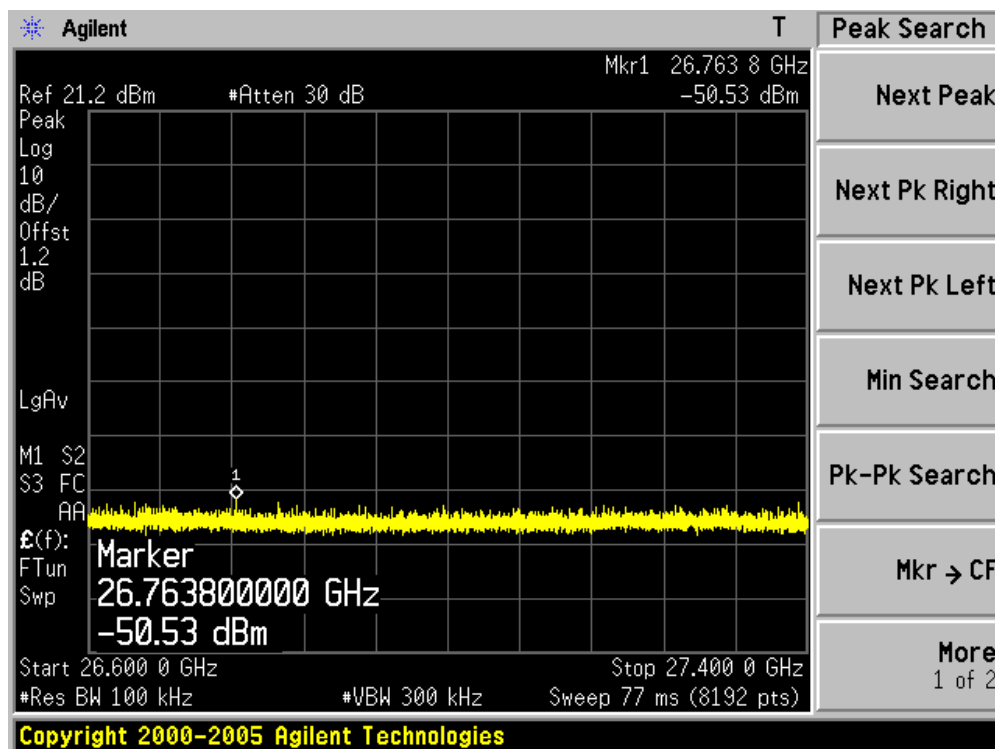
Channel 155 (5755MHz)-1



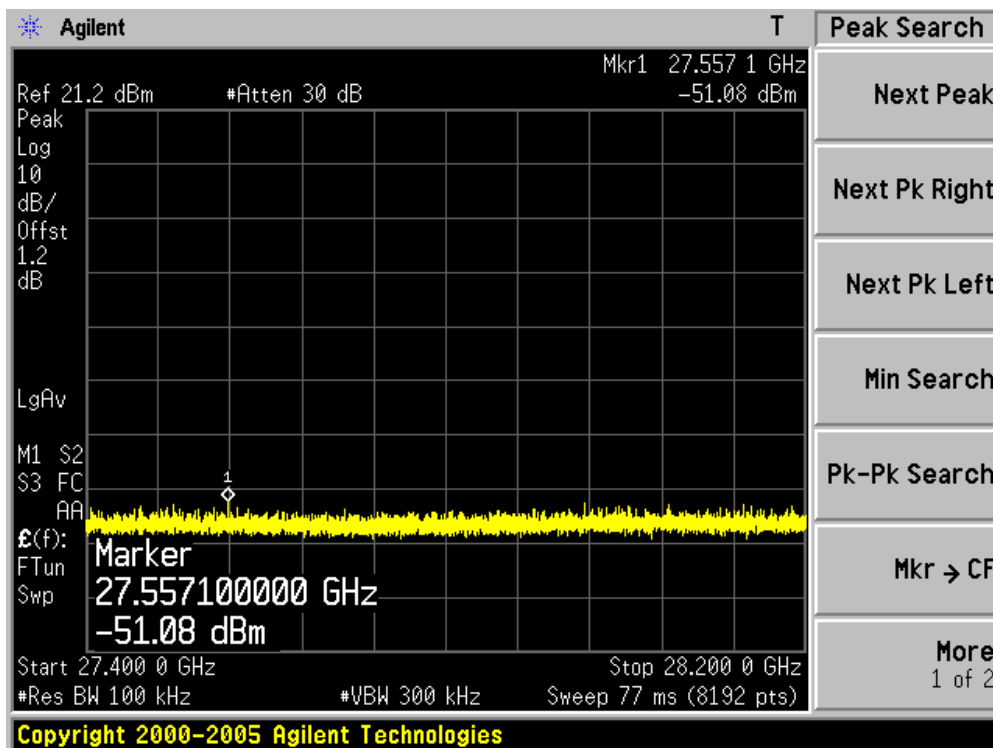
Channel 155 (5755MHz)-2



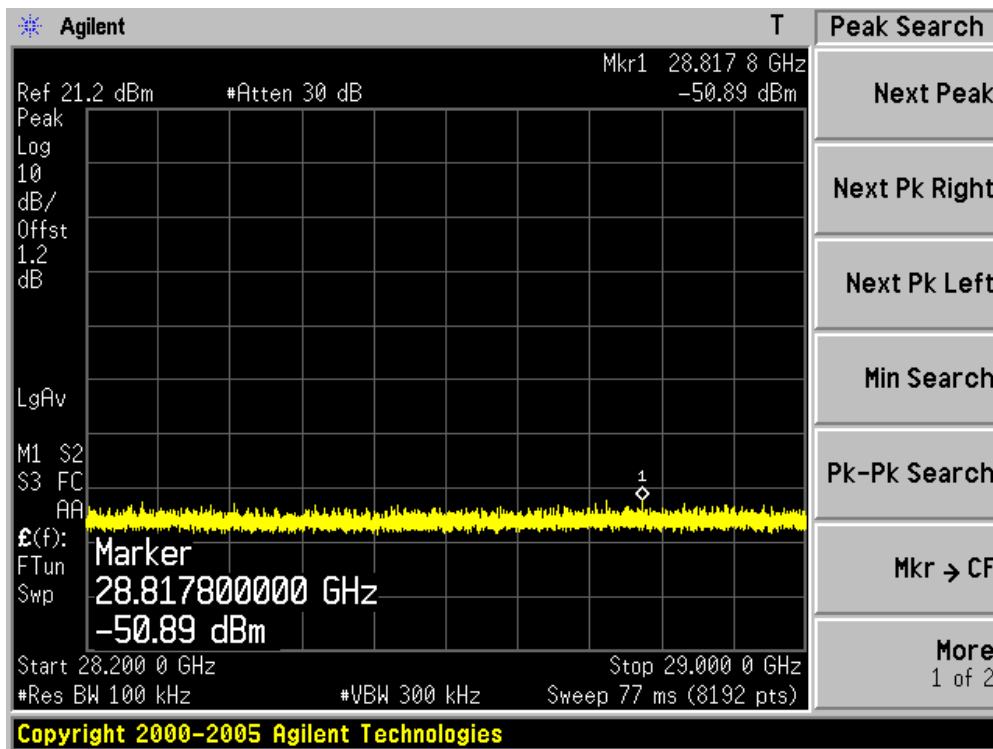
Channel 155 (5755MHz)-3



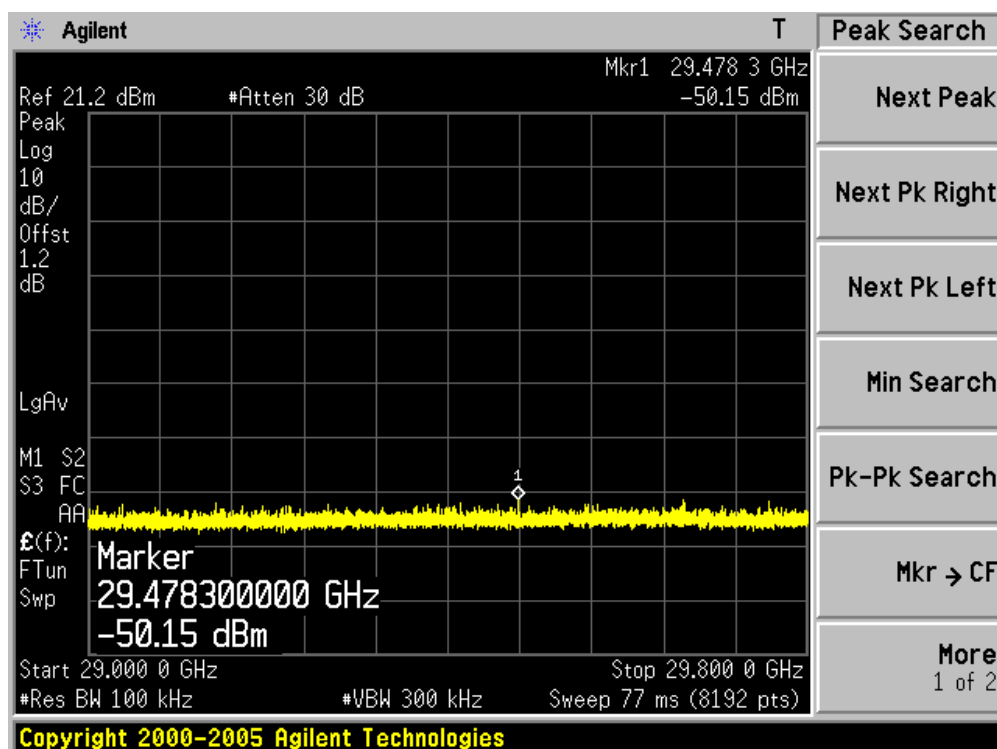
Channel 155 (5755MHz)-4



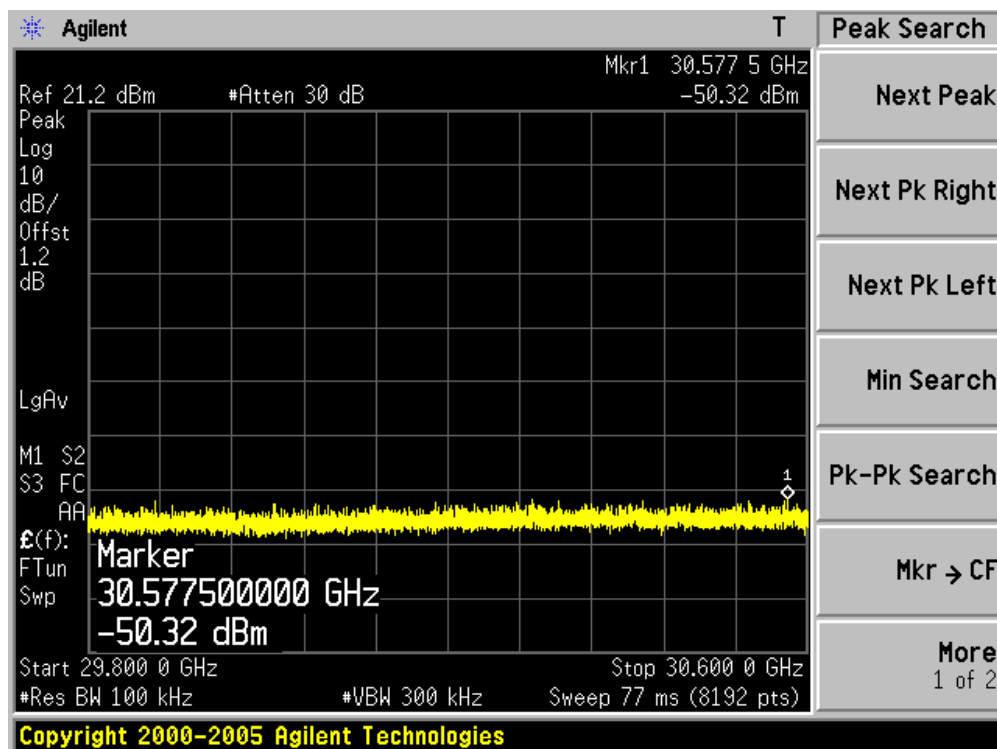
Channel 155 (5755MHz)-5



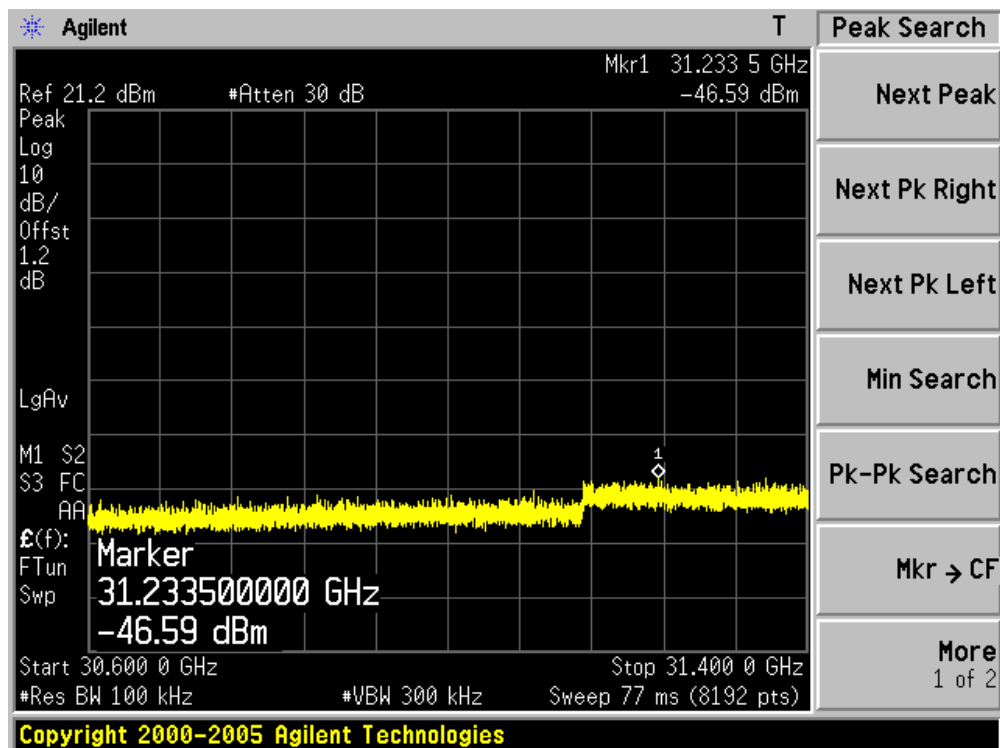
Channel 155 (5755MHz)-6



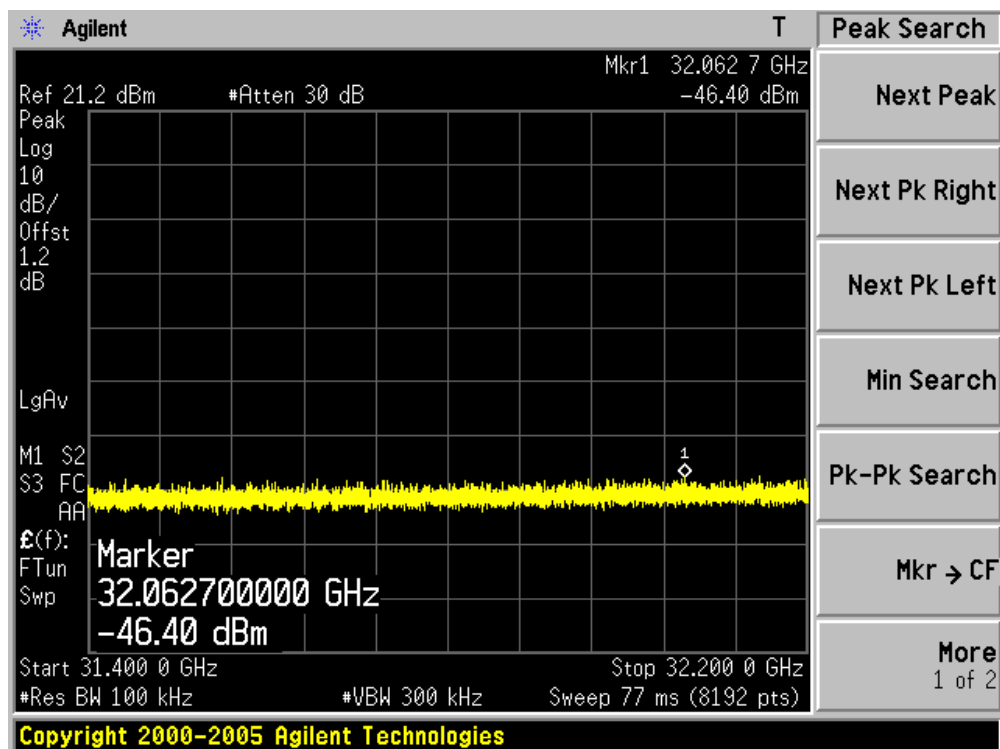
Channel 155 (5755MHz)-7



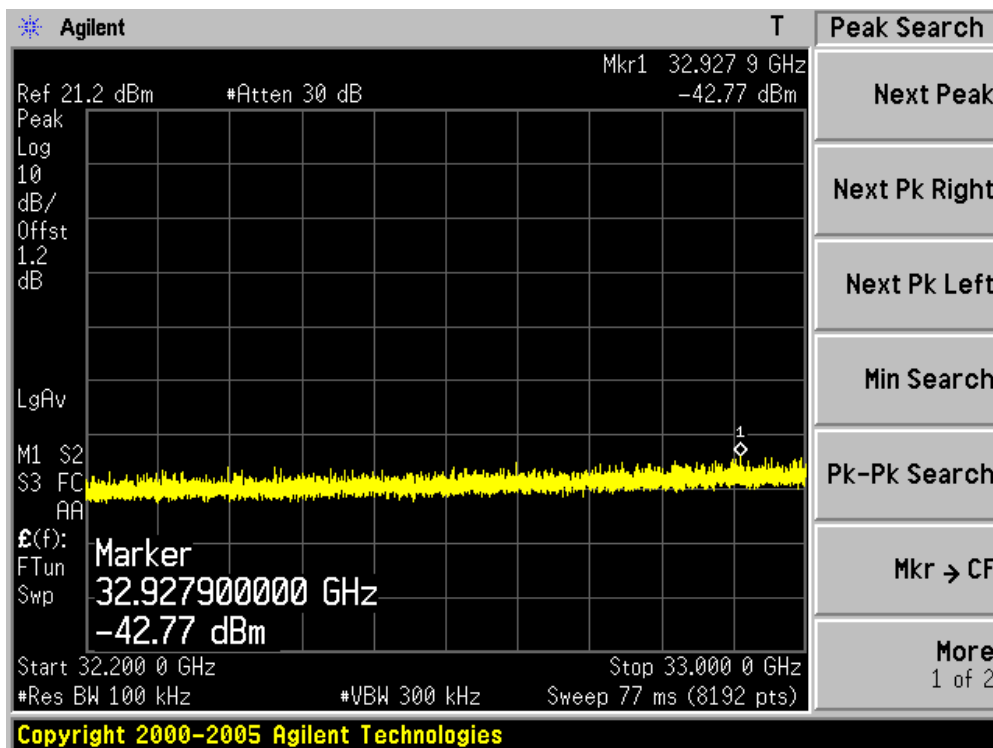
Channel 155 (5755MHz)-8



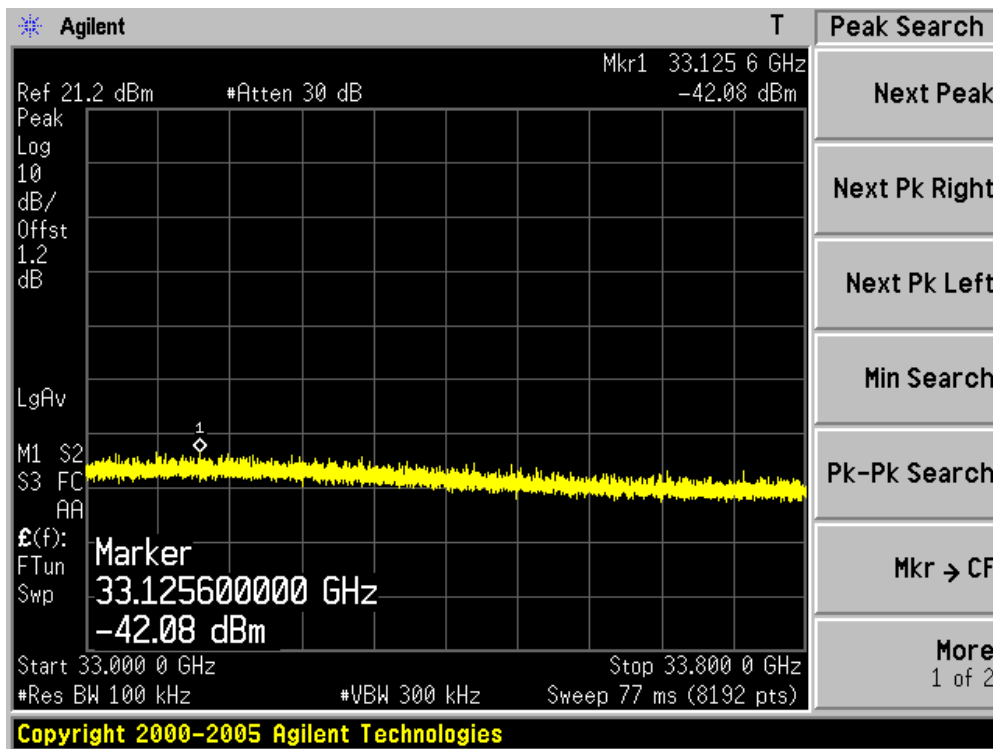
Channel 155 (5755MHz)-9



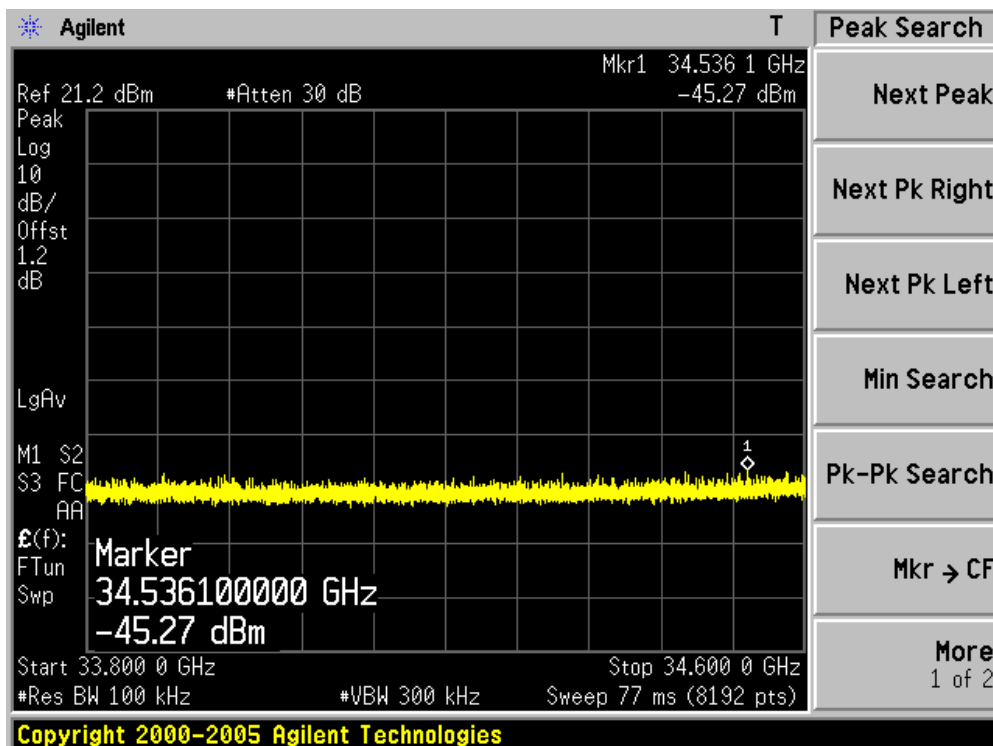
Channel 155 (5755MHz)-10



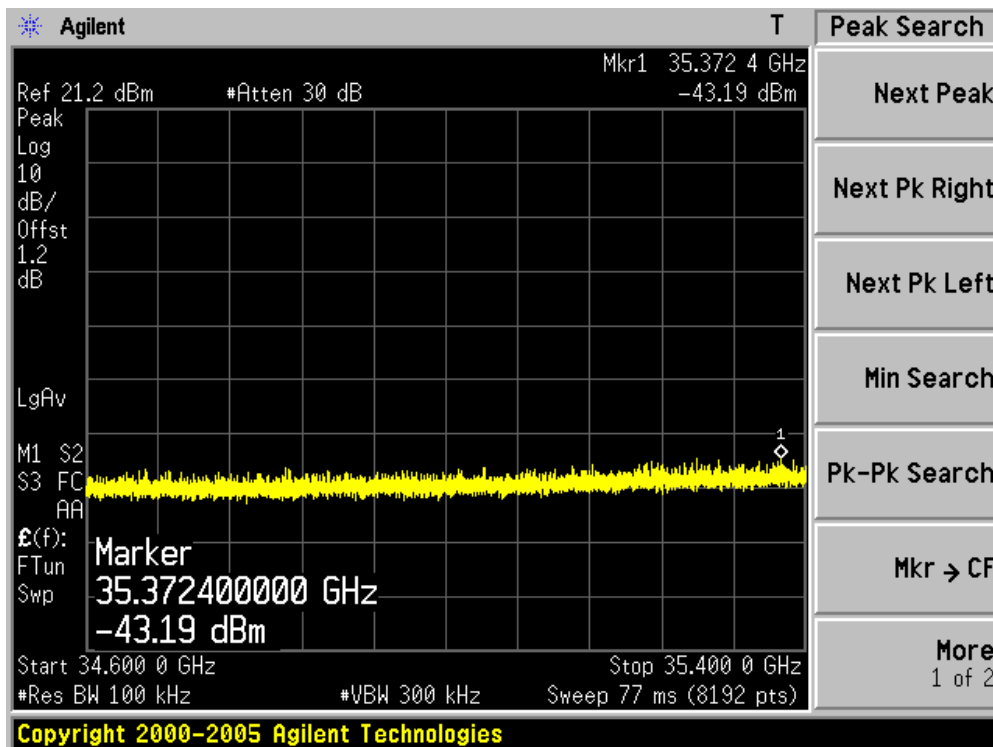
Channel 155 (5755MHz)-11



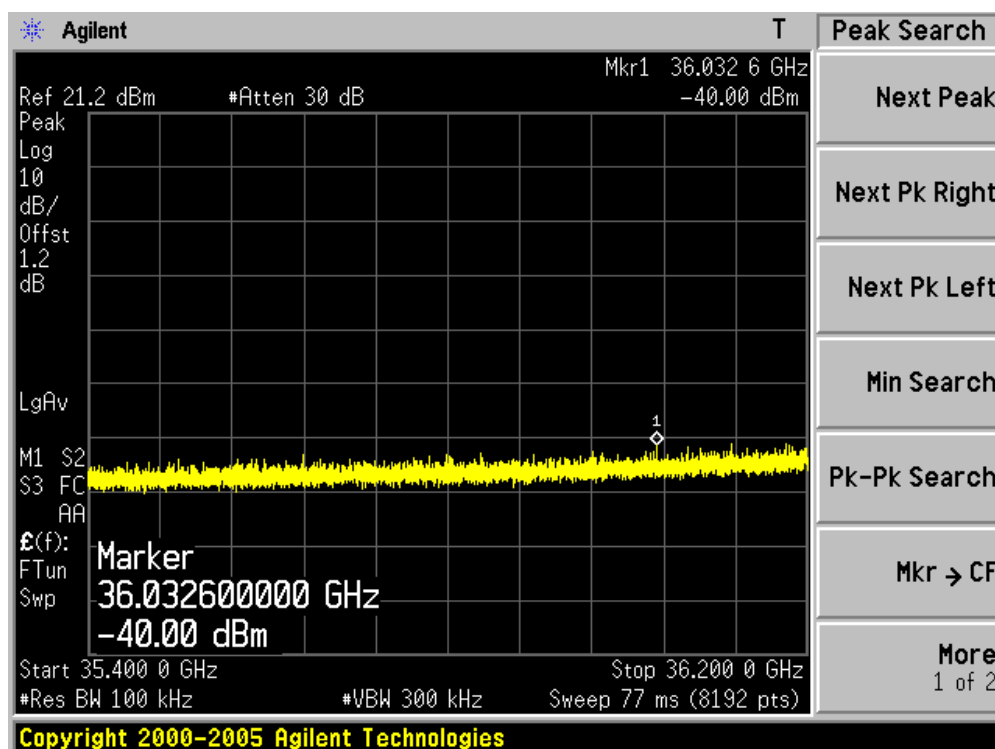
Channel 155 (5755MHz)-12



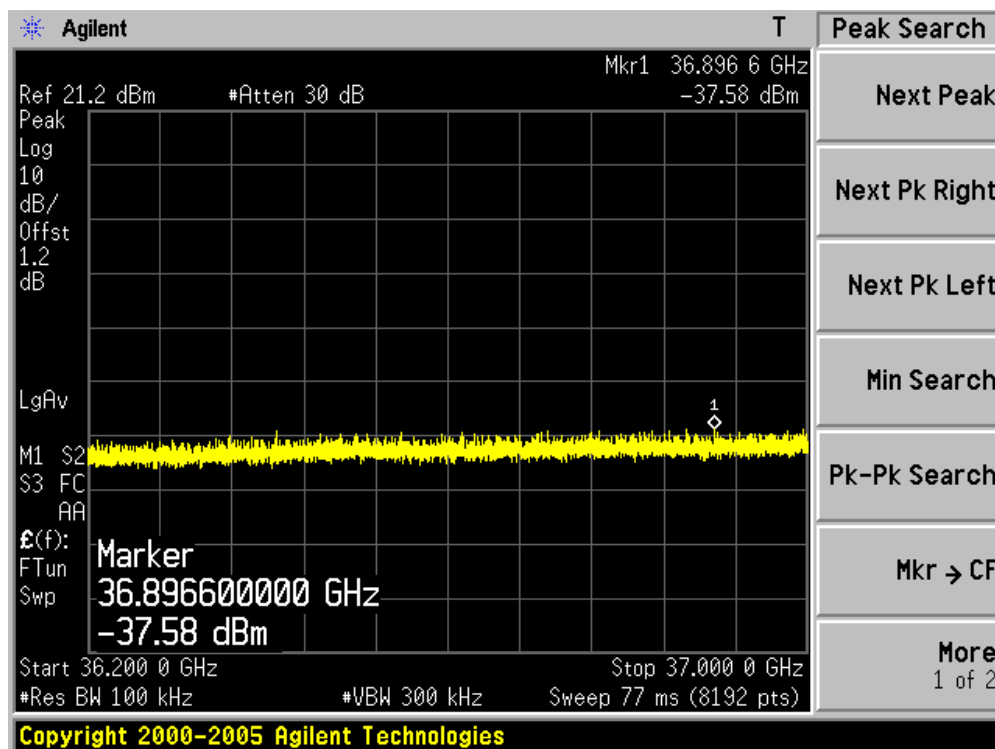
Channel 155 (5755MHz)-13



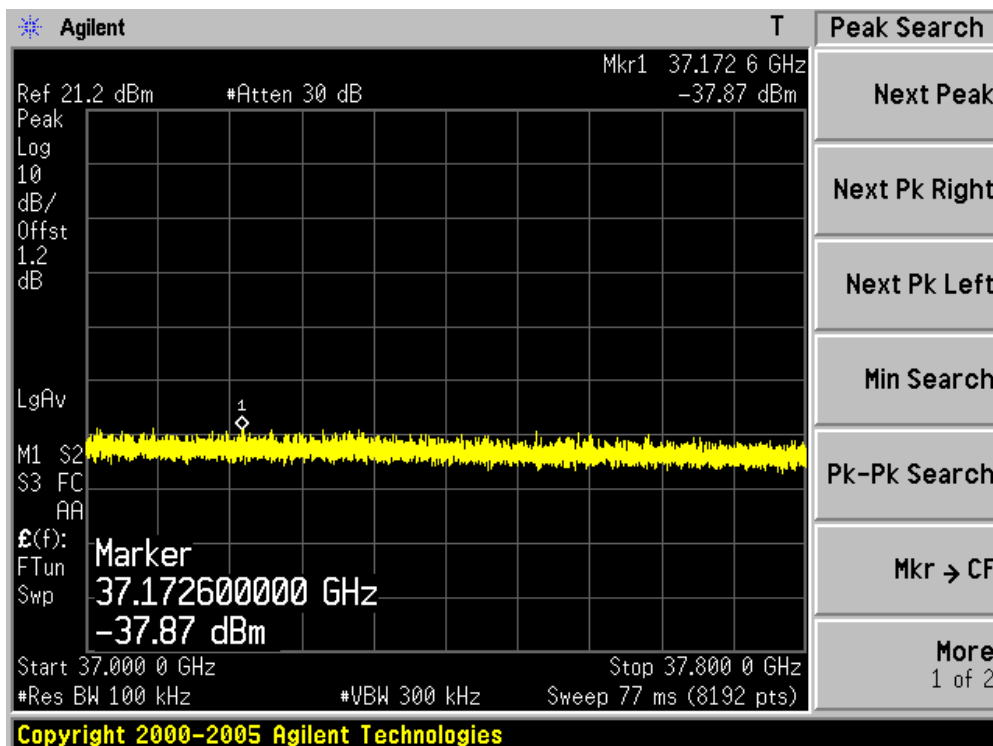
Channel 155 (5755MHz)-14



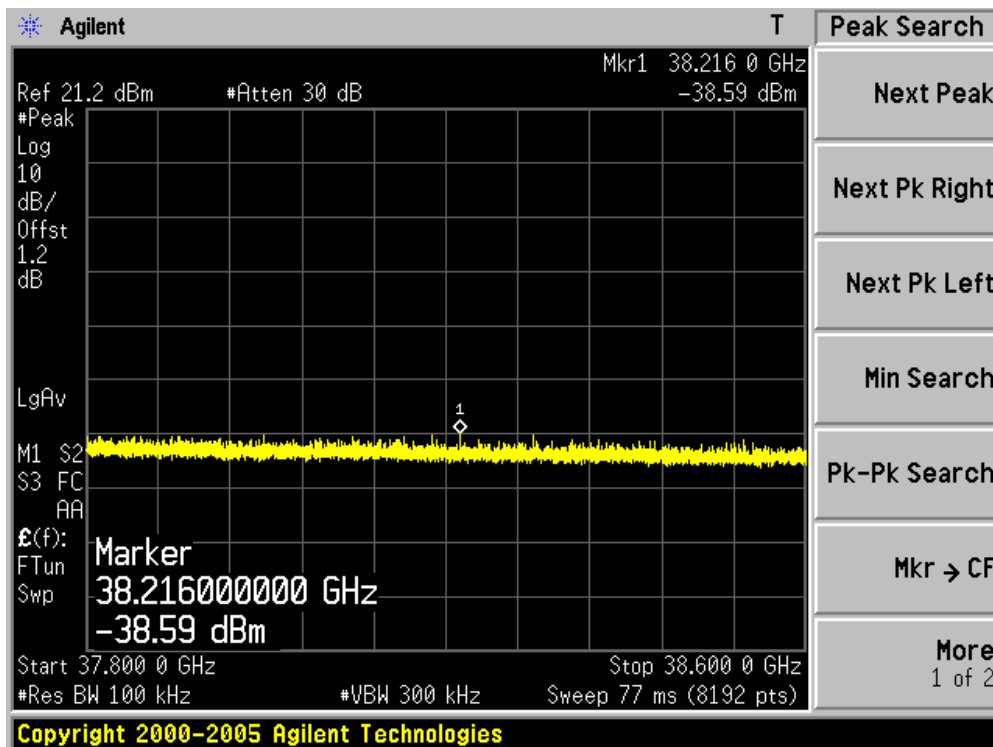
Channel 155 (5755MHz)-15



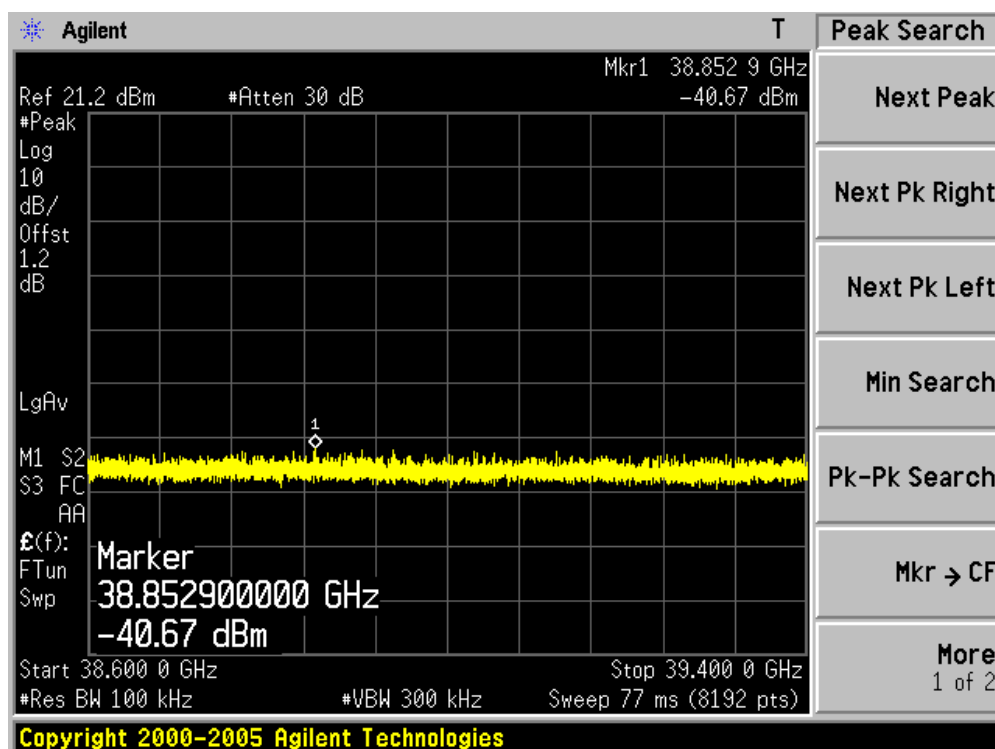
Channel 155 (5755MHz)-16



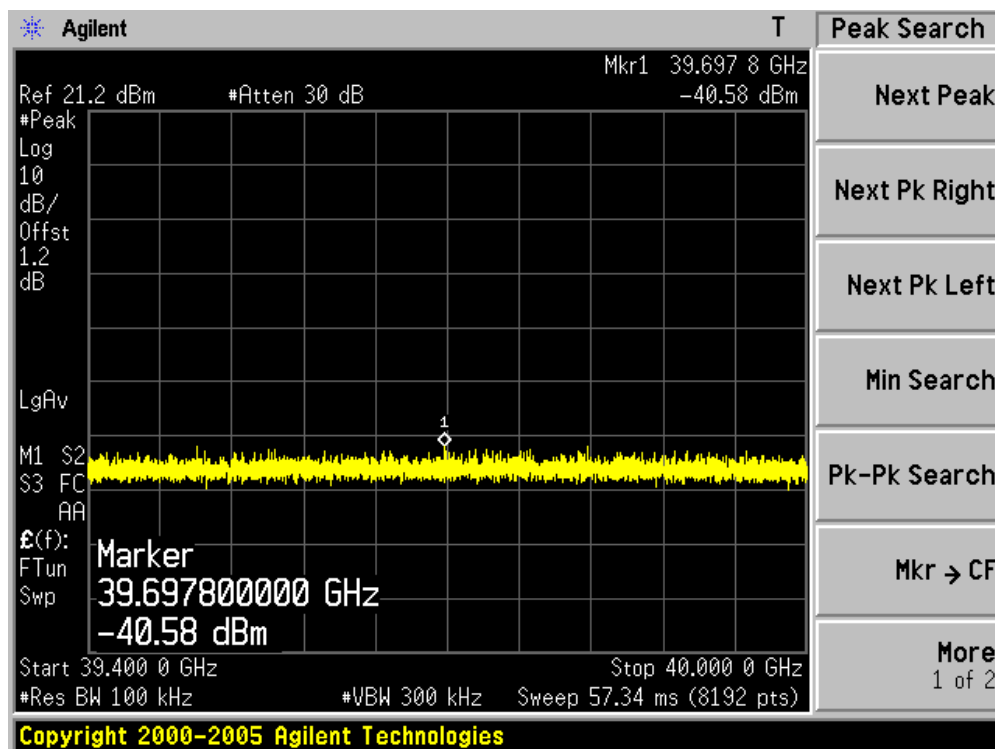
Channel 155 (5755MHz)-17



Channel 155 (5755MHz)-18



Channel 155 (5755MHz)-19



6. Radiated Emission Band Edge

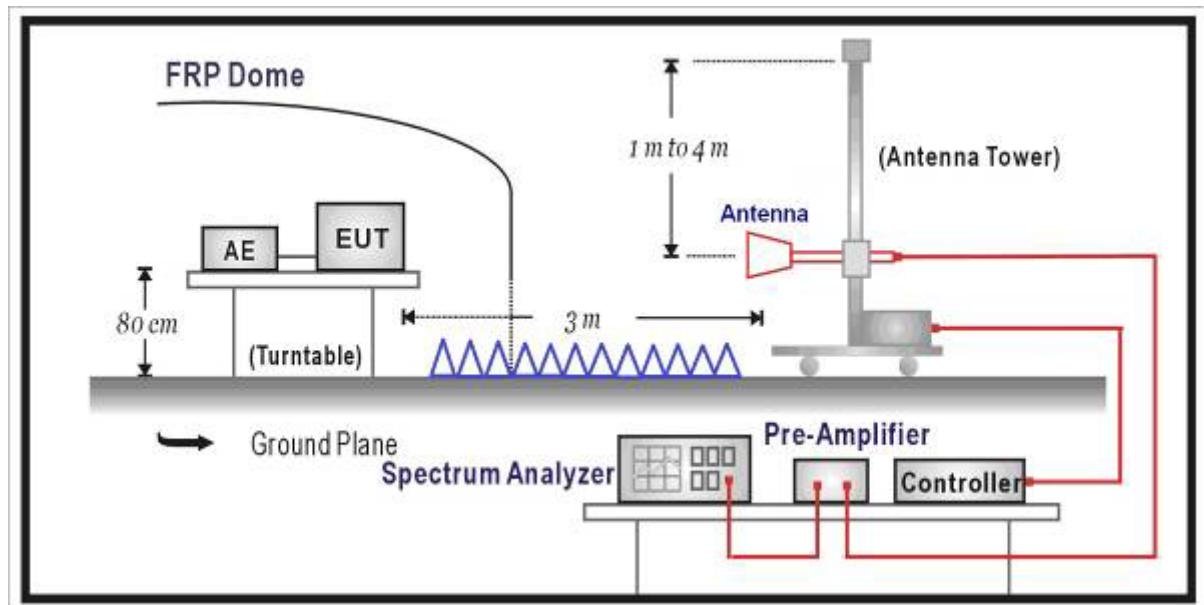
6.1. Test Equipment

☒ Radiated Emission Band Edge / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cali. Due Date
Spectrum Analyzer	Agilent	N9020A	MY49100159	2015.03.28
Preamplifier	Miteq	NSP1800-25	1364185	2015.05.03
Preamplifier	QuieTek	AP-040G	CHM-0906001	2015.05.03
Bilog Antenna	Teseq GmbH	CBL6112D	27612	2014.10.15
DRG Horn	ETS-Lindgren	3117	00123988	2015.01.07
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2015.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2015.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2015.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2015.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2015.01.08

Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

6.2. Test Setup



6.3. Limit

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4: 2009 on radiated measurement.

6.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

6.6. Test Result

All of the test result shown indicates the worst case, and spectrum analyzer parameters setting as shown below:

Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;

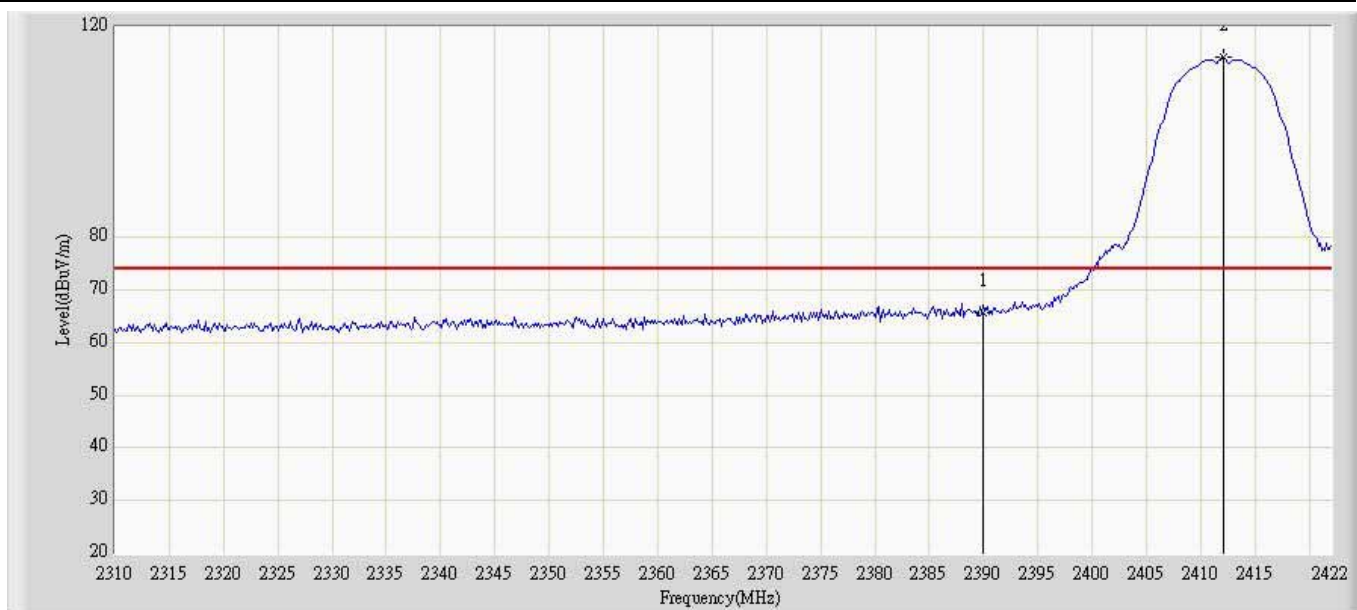
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

Measure Level = Reading Level + Cable Loss + Antenna Factor - Preamplifier Gain

In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice will be followed.

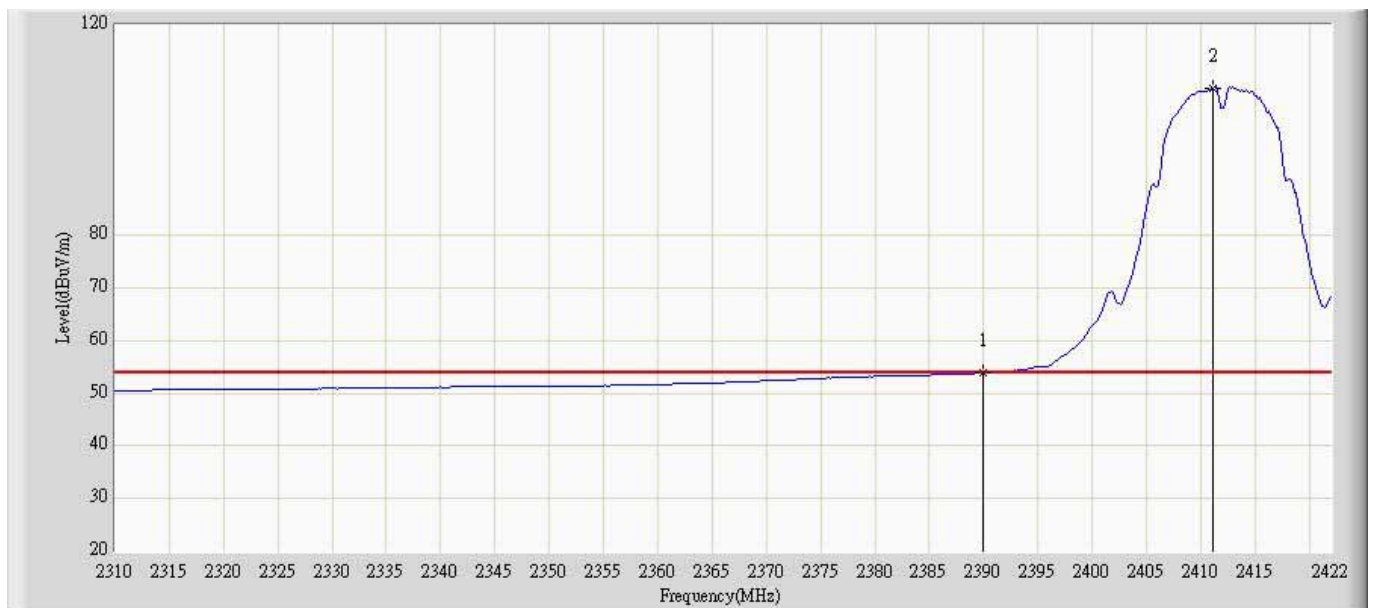
Note: when the duty cycle is less than 98%, a duty cycle factor is calculated in the correction factor.

Site: AC5	Time: 2014/07/11 - 09:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 1	



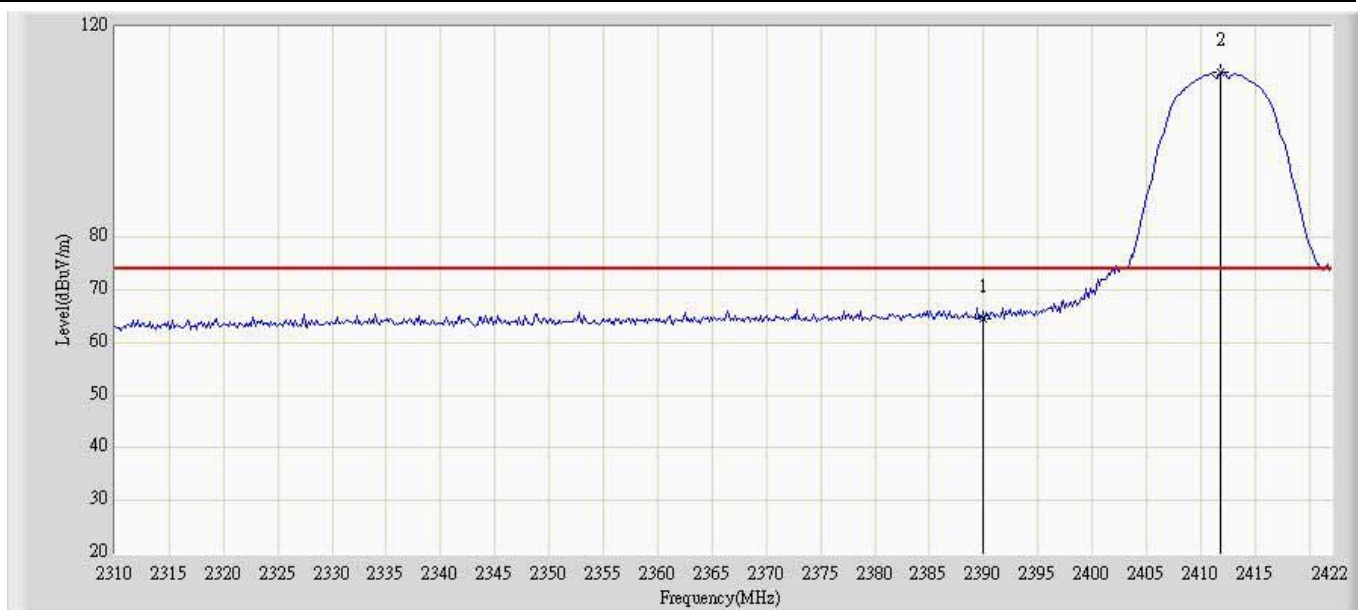
No	Flag	Marker	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	65.822	28.835	-8.178	74.000	36.988	PK
2		*	2412.060	114.113	77.016	N/A	N/A	37.097	PK

Site: AC5	Time: 2014/07/11 - 09:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 1	



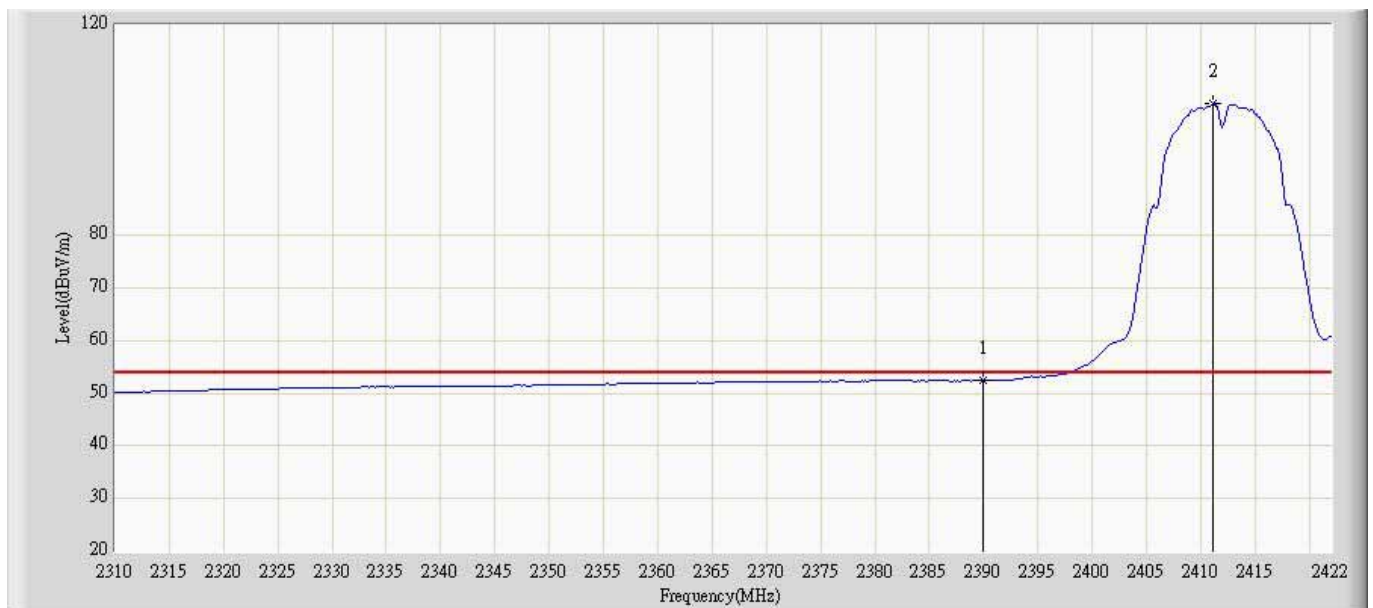
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.868	16.881	-0.132	54.000	36.988	AV
2	X	*	2411.080	108.068	70.976	N/A	N/A	37.092	AV

Site: AC5	Time: 2014/07/11 - 10:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 1	



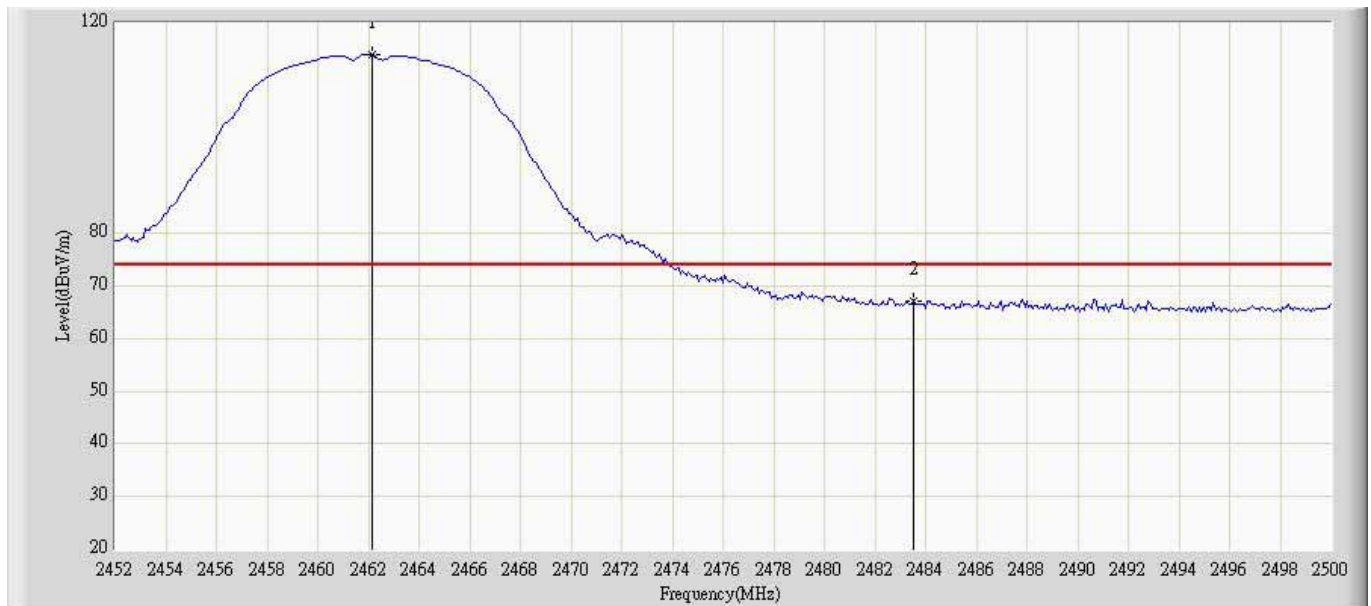
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	64.680	27.033	-9.320	74.000	37.648	PK
2		*	2411.897	111.316	73.472	N/A	N/A	37.844	PK

Site: AC5	Time: 2014/07/11 - 10:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 1	



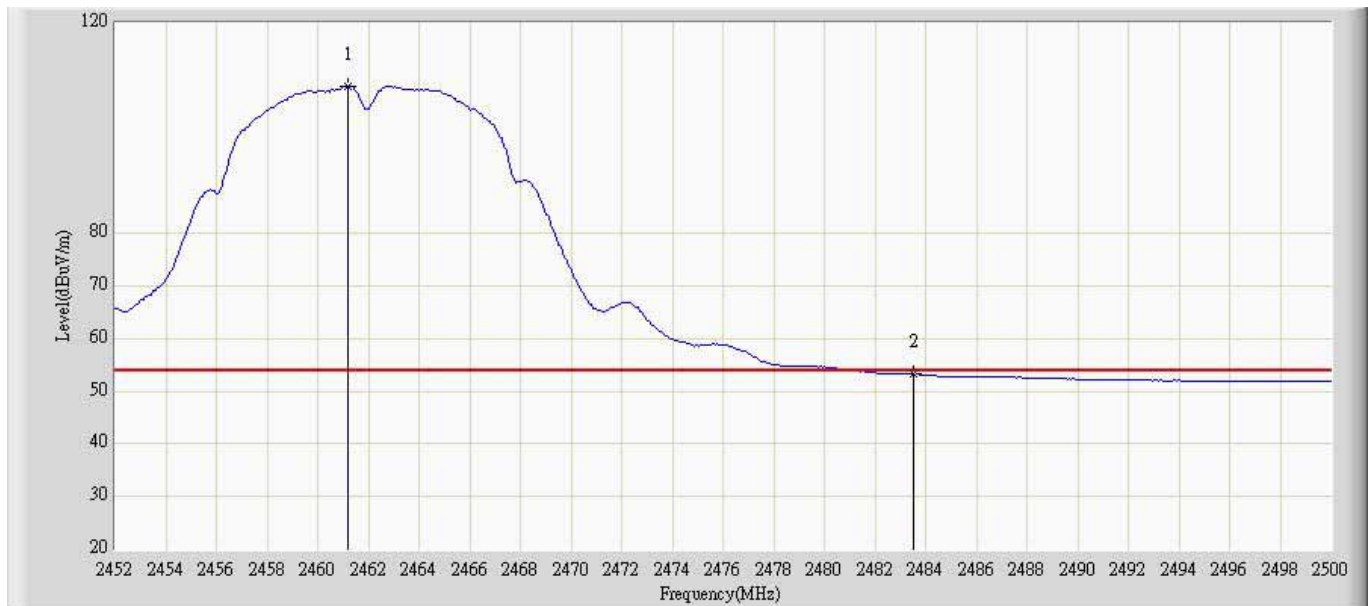
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.457	14.810	-1.543	54.000	37.648	AV
2		*	2411.080	104.964	67.127	N/A	N/A	37.837	AV

Site: AC5	Time: 2014/07/11 - 10:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 1	



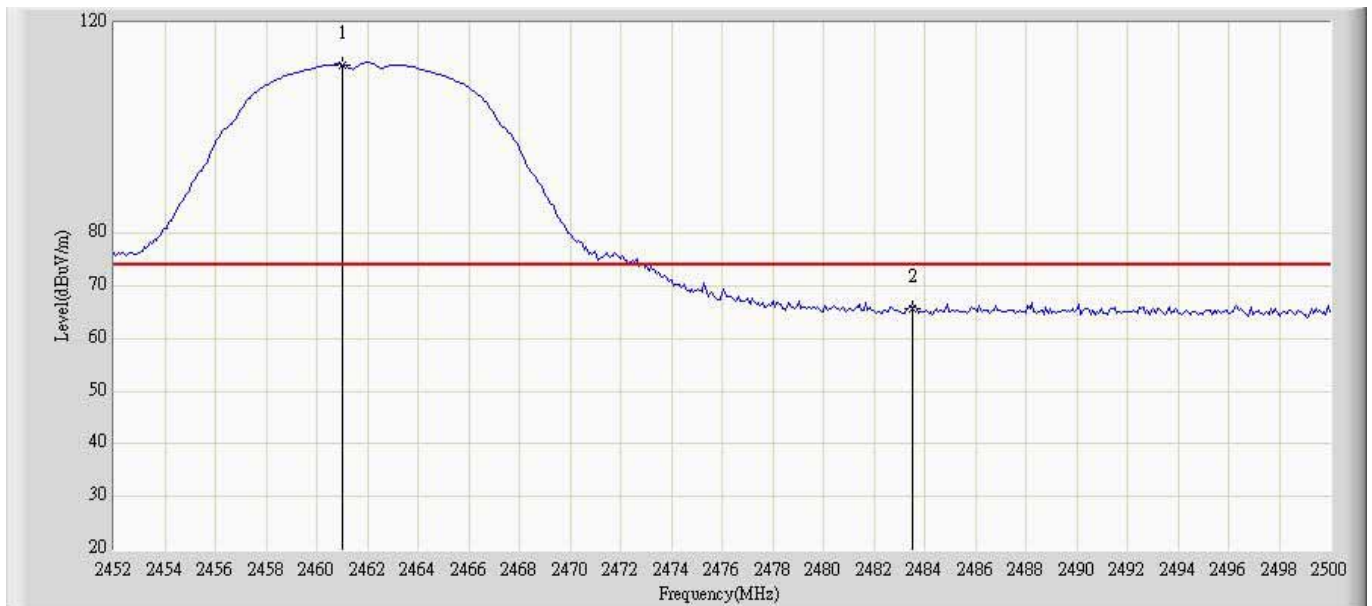
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.160	113.997	76.659	N/A	N/A	37.338	PK
2			2483.500	67.175	29.734	-6.825	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 10:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 1	



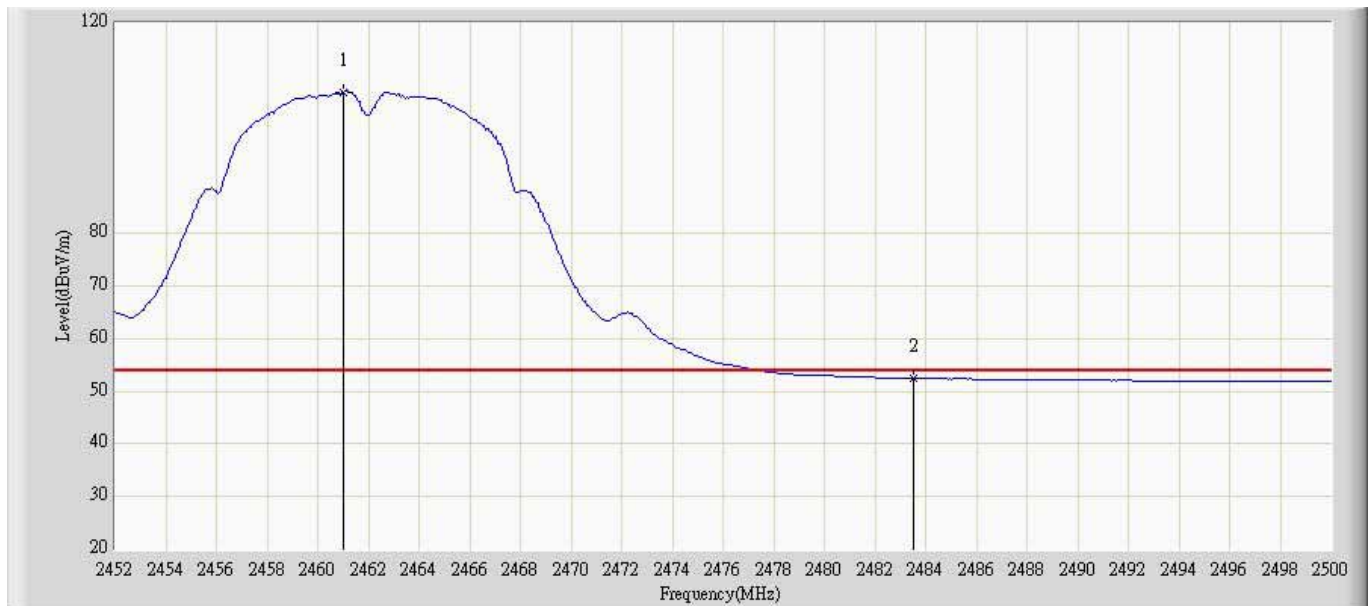
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1	X	*	2461.200	108.067	70.734	N/A	N/A	37.333	AV
2			2483.500	53.327	15.886	-0.673	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 10:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 1	



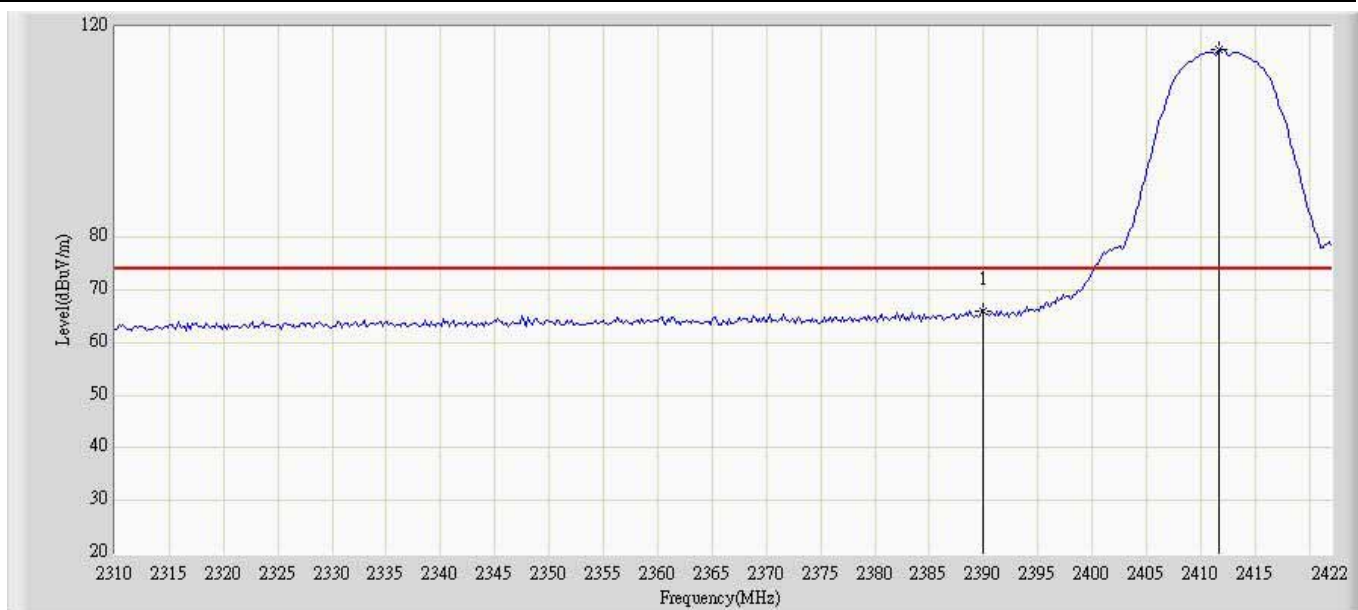
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2461.033	112.026	73.750	N/A	N/A	38.277	PK
2			2483.500	65.752	27.277	-8.248	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 10:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 1	



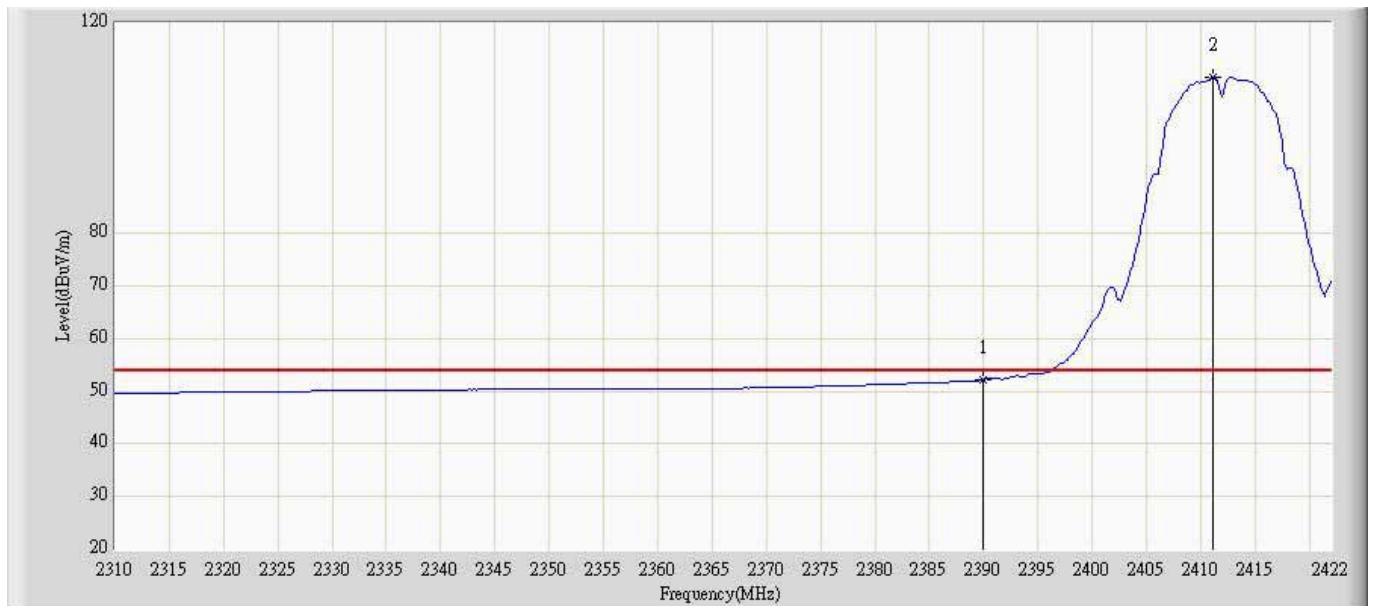
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2461.040	106.804	68.527	N/A	N/A	38.277	AV
2			2483.500	52.486	14.011	-1.514	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 10:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 2	



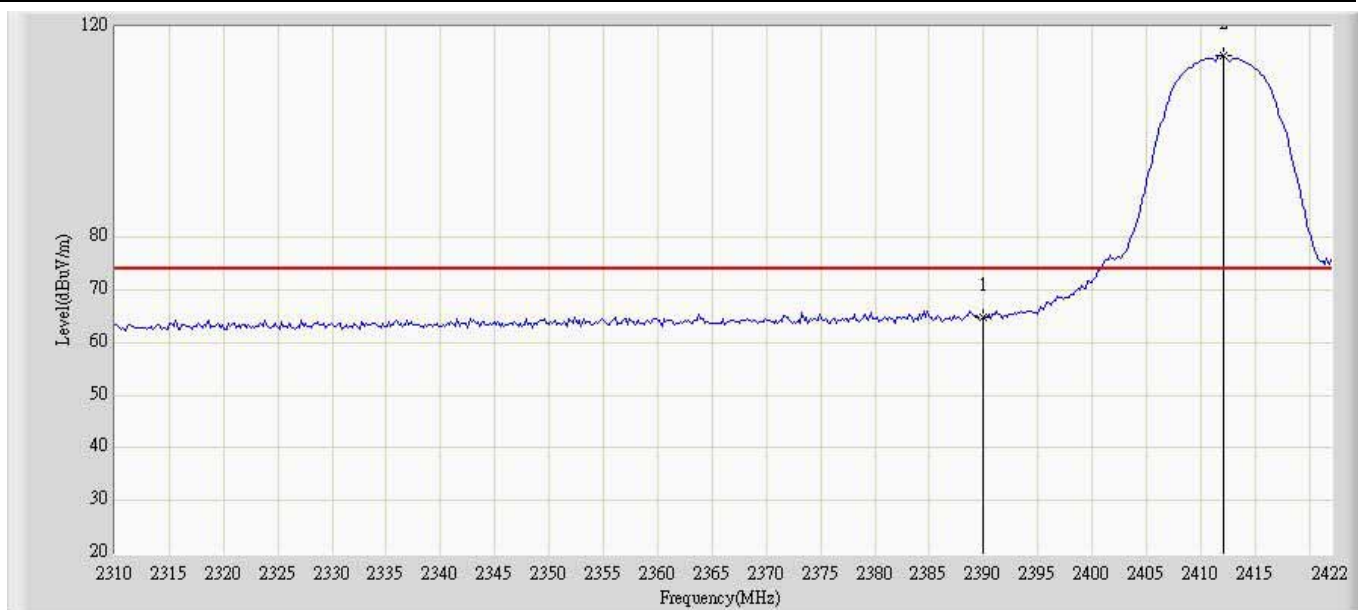
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	65.893	28.906	-8.107	74.000	36.988	PK
2		*	2411.733	115.570	78.474	N/A	N/A	37.096	PK

Site: AC5	Time: 2014/07/11 - 10:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 2	



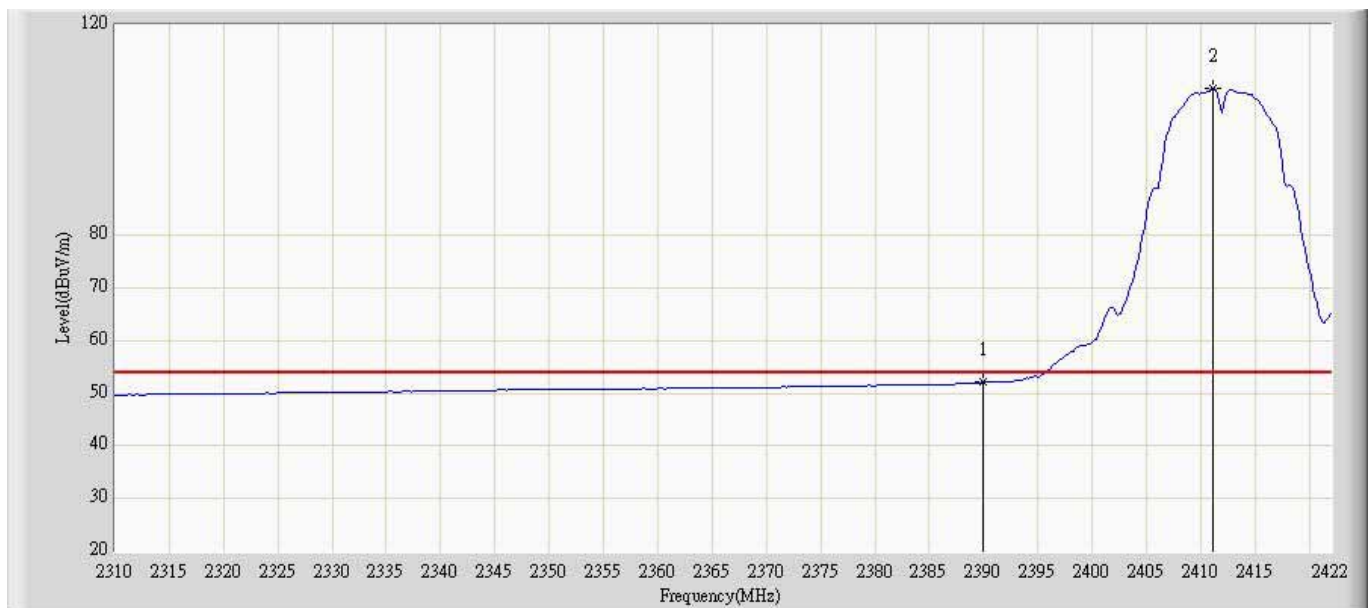
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.288	15.301	-1.712	54.000	36.988	AV
2	X	*	2411.173	109.689	72.596	N/A	N/A	37.093	AV

Site: AC5	Time: 2014/07/11 - 10:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 2	



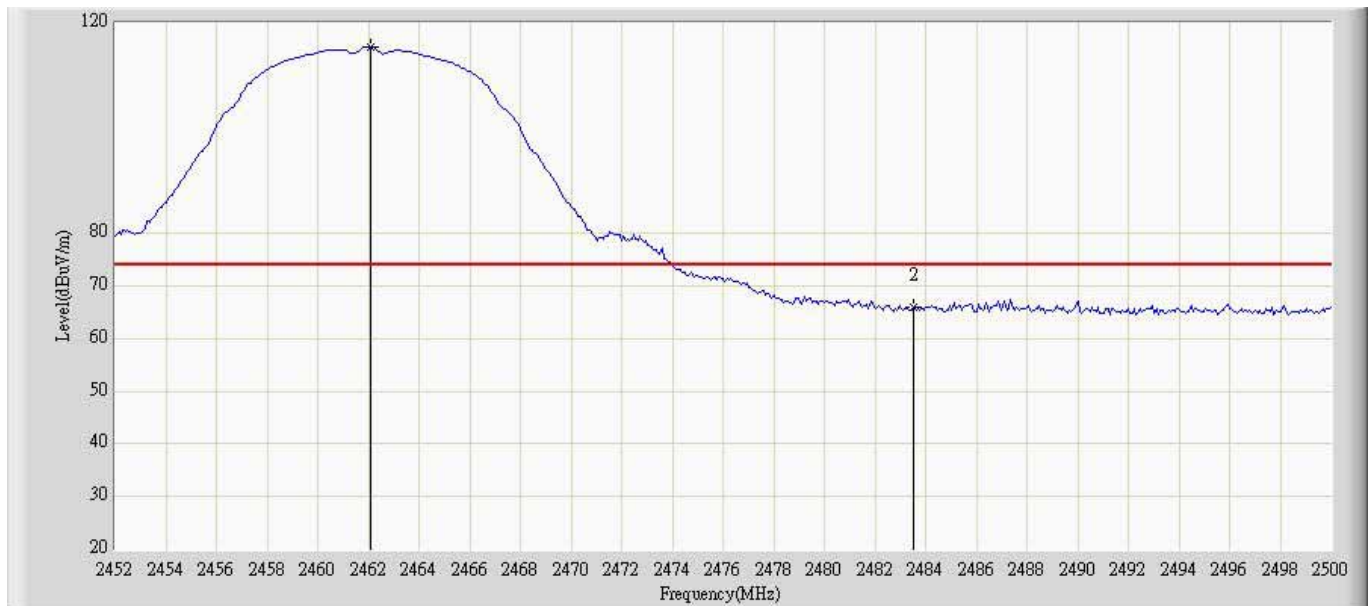
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	64.880	27.233	-9.120	74.000	37.648	PK
2		*	2412.072	114.657	76.812	N/A	N/A	37.845	PK

Site: AC5	Time: 2014/07/11 - 10:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2412MHz by 802.11b Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.116	14.469	-1.884	54.000	37.648	AV
2		*	2411.173	107.994	70.156	N/A	N/A	37.837	AV

Site: AC5	Time: 2014/07/11 - 10:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 2	



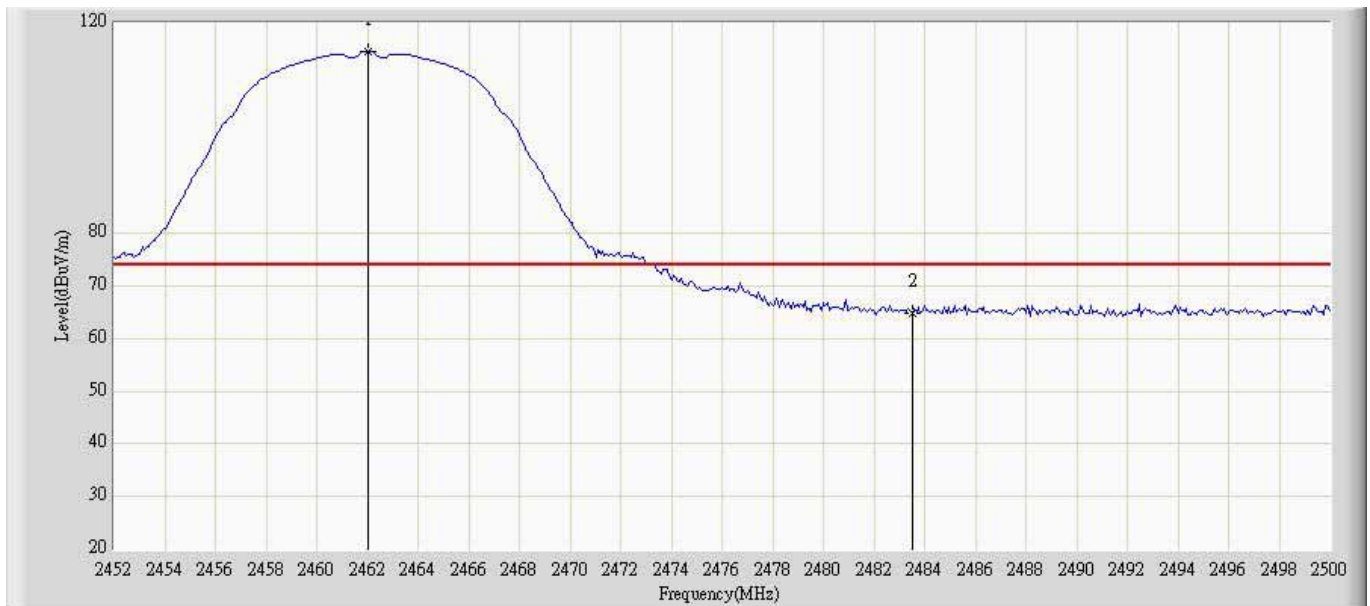
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.080	115.396	78.059	N/A	N/A	37.337	PK
2			2483.500	65.846	28.405	-8.154	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 10:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 2	



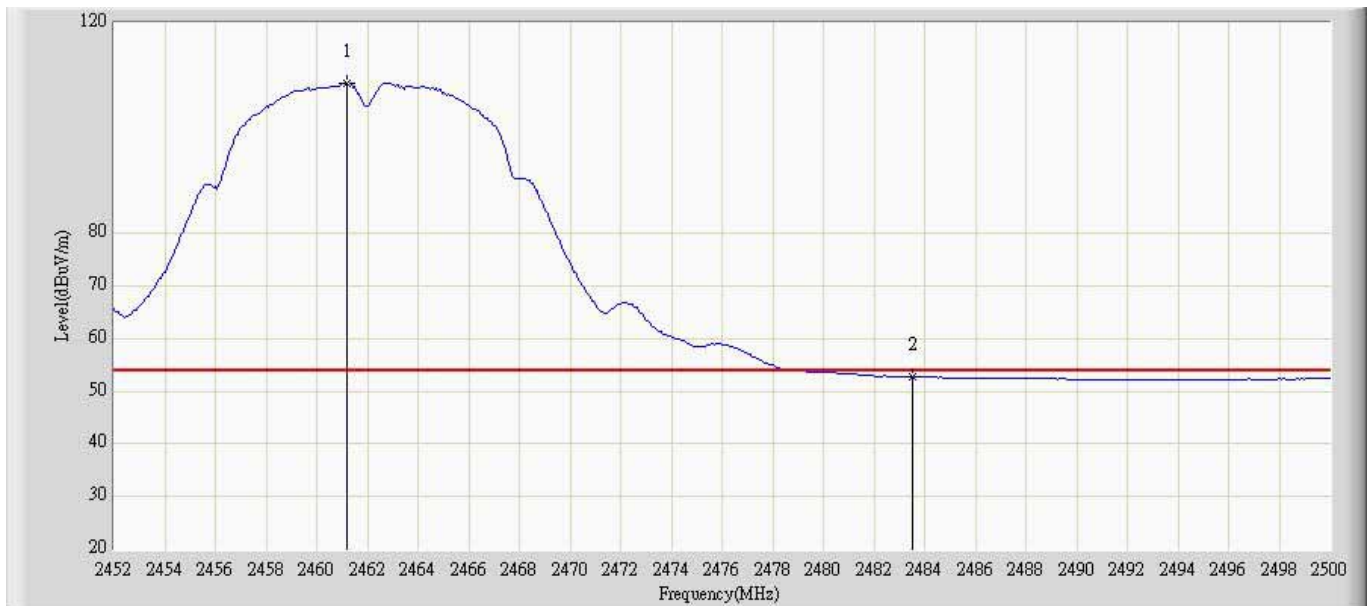
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1	X	*	2461.200	109.563	72.230	N/A	N/A	37.333	AV
2			2483.500	52.820	15.379	-1.180	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 10:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 2	



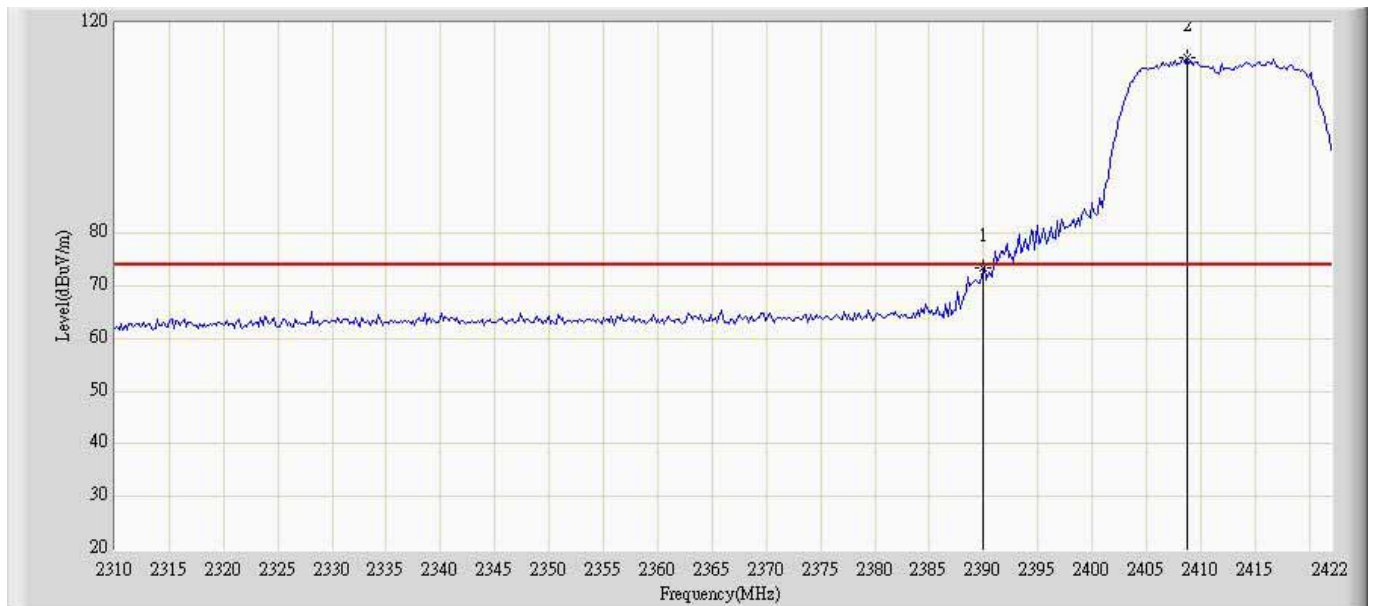
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.003	114.606	76.321	N/A	N/A	38.285	PK
2			2483.500	64.893	26.418	-9.107	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode1: Transmit at Channel 2462MHz by 802.11b Ant 2	



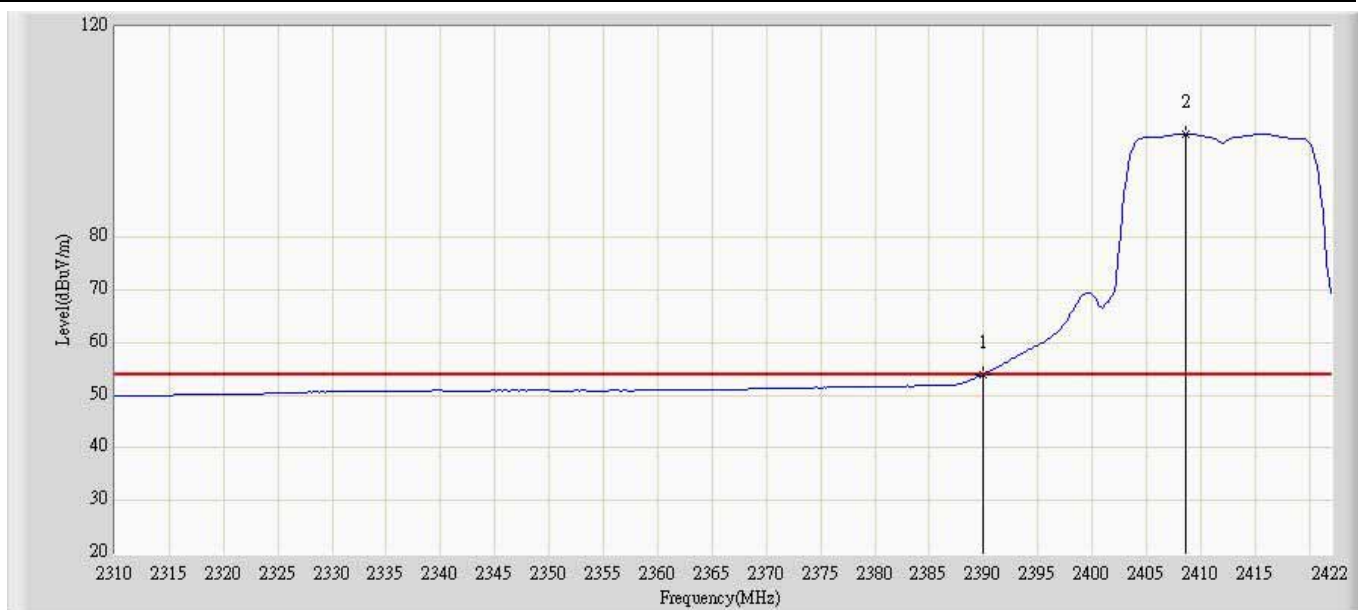
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1	X	*	2461.200	108.605	70.327	N/A	N/A	38.278	AV
2			2483.500	52.802	14.327	-1.198	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 10:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 1	



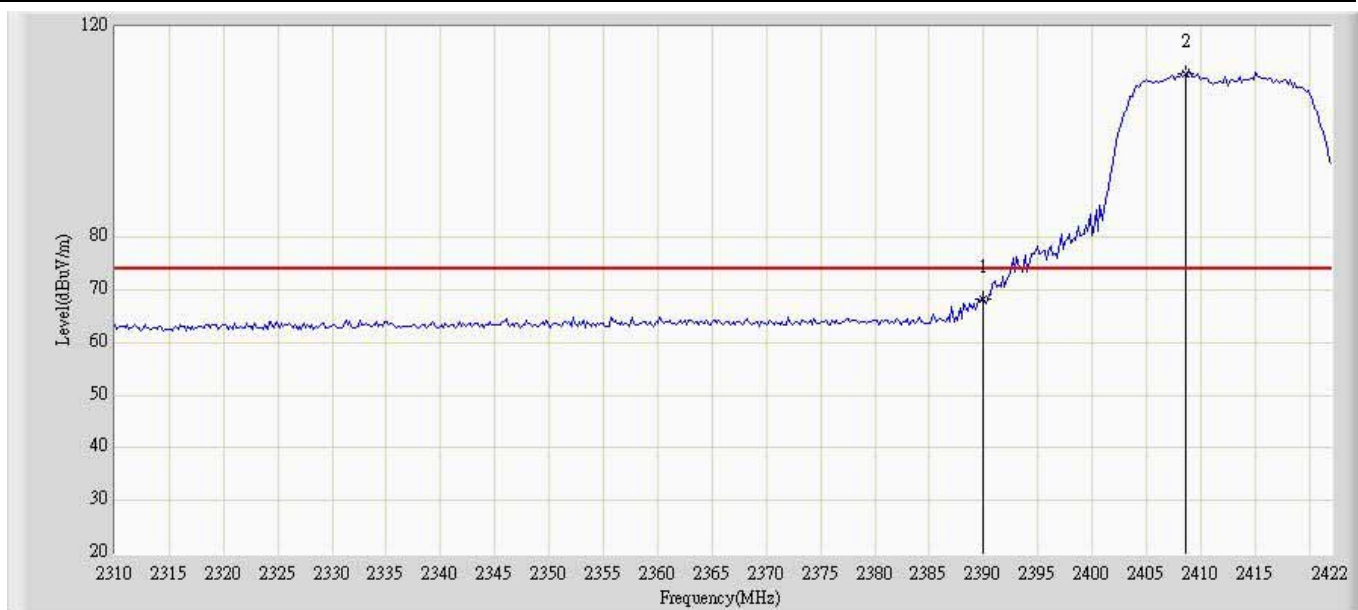
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	73.515	36.528	-0.485	74.000	36.988	PK
2		*	2408.747	113.495	76.414	N/A	N/A	37.081	PK

Site: AC5	Time: 2014/07/11 - 10:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 1	



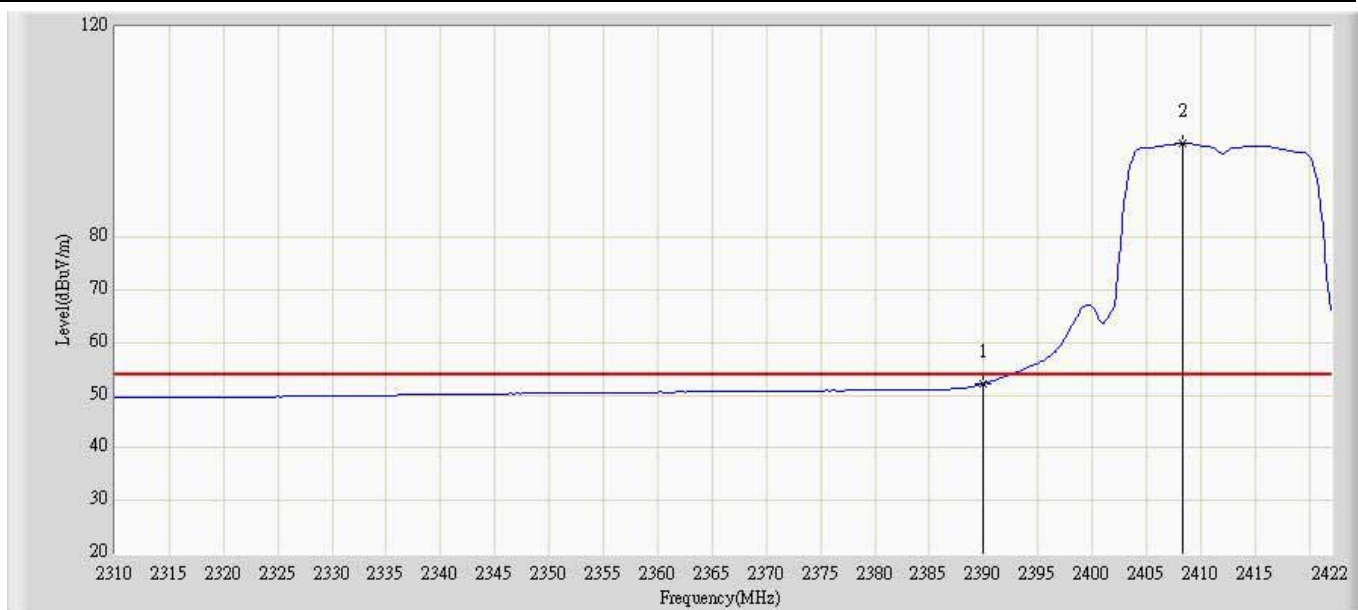
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.979	16.992	-0.021	54.000	36.988	AV
2		*	2408.560	99.619	62.539	N/A	N/A	37.080	AV

Site: AC5	Time: 2014/07/11 - 10:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 1	



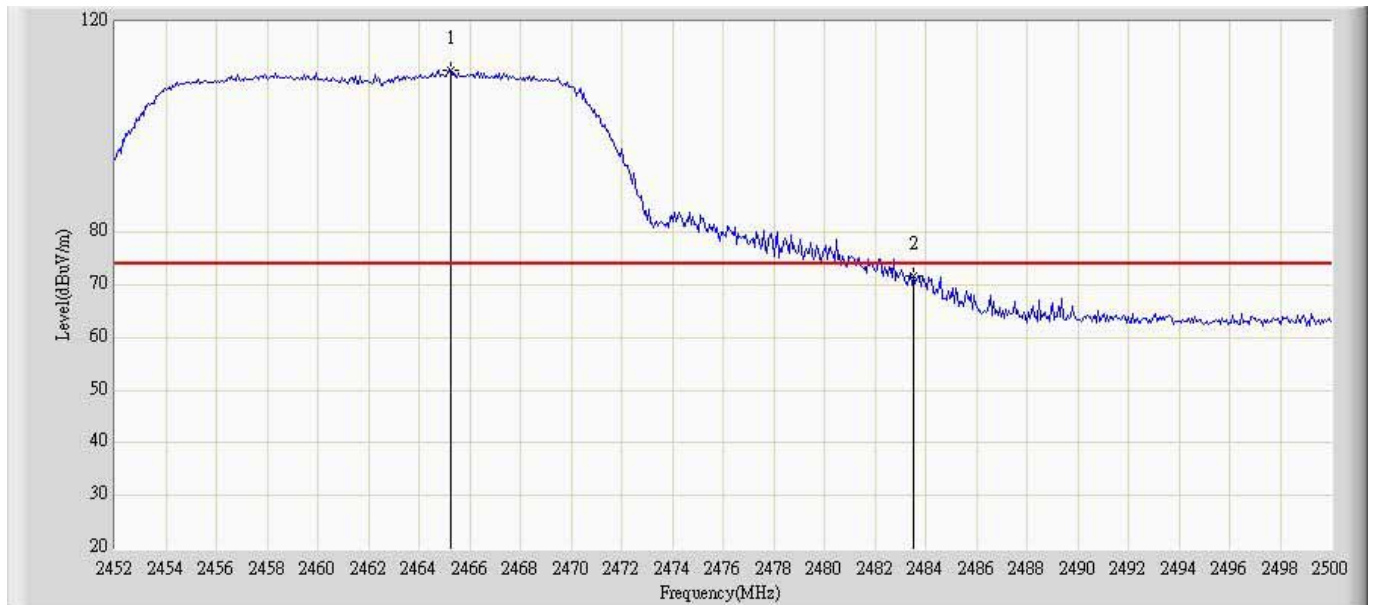
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	68.259	30.612	-5.741	74.000	37.648	PK
2		*	2408.588	111.115	73.301	N/A	N/A	37.815	PK

Site: AC5	Time: 2014/07/11 - 10:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 1	



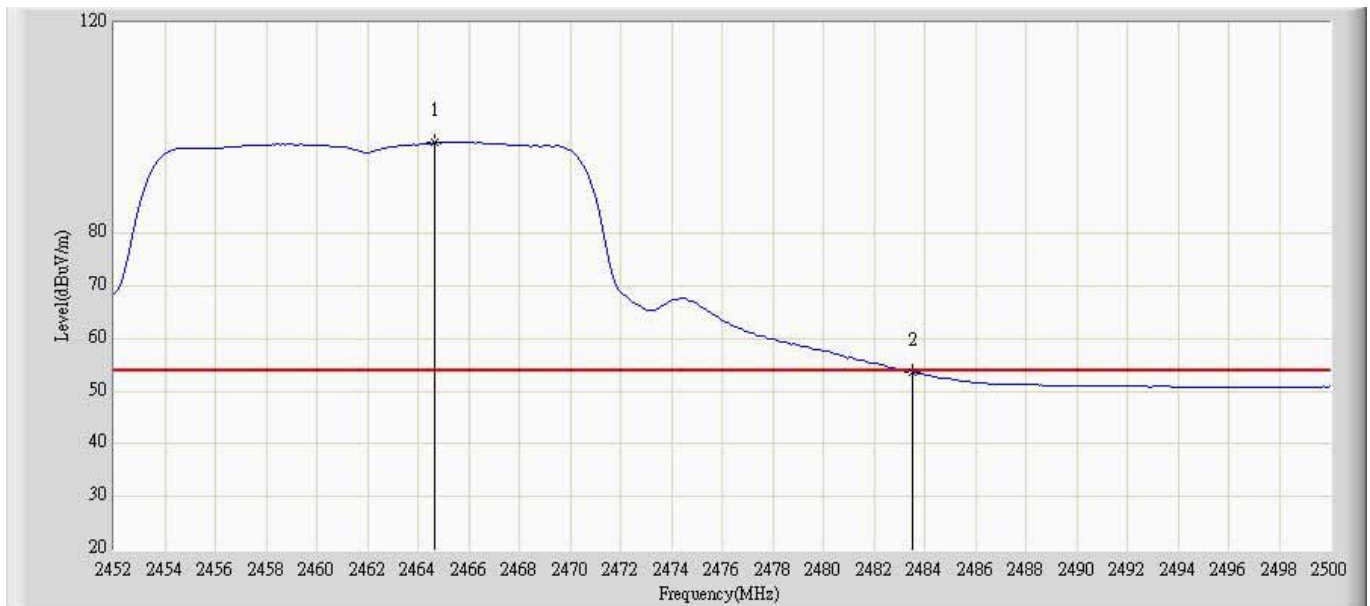
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.202	14.555	-1.798	54.000	37.648	AV
2		*	2408.373	97.851	60.039	N/A	N/A	37.812	AV

Site: AC5	Time: 2014/07/11 - 13:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 1	



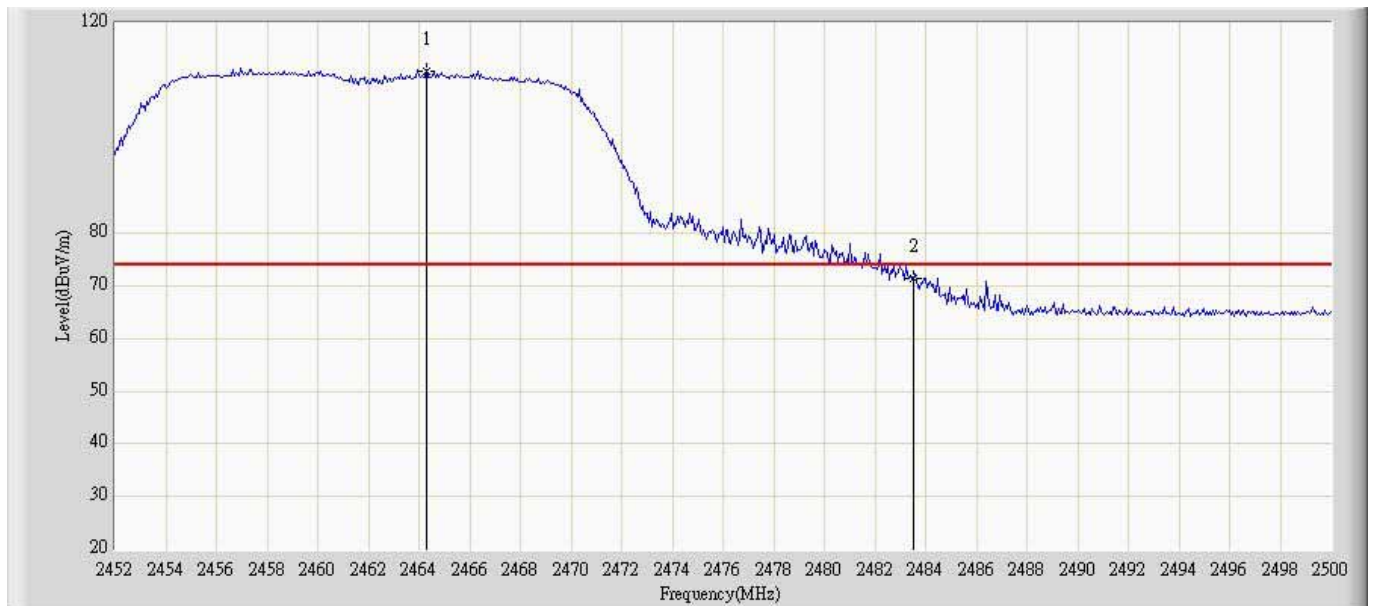
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.260	110.680	73.327	N/A	N/A	37.353	PK
2			2483.500	71.834	34.393	-2.166	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 13:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 1	



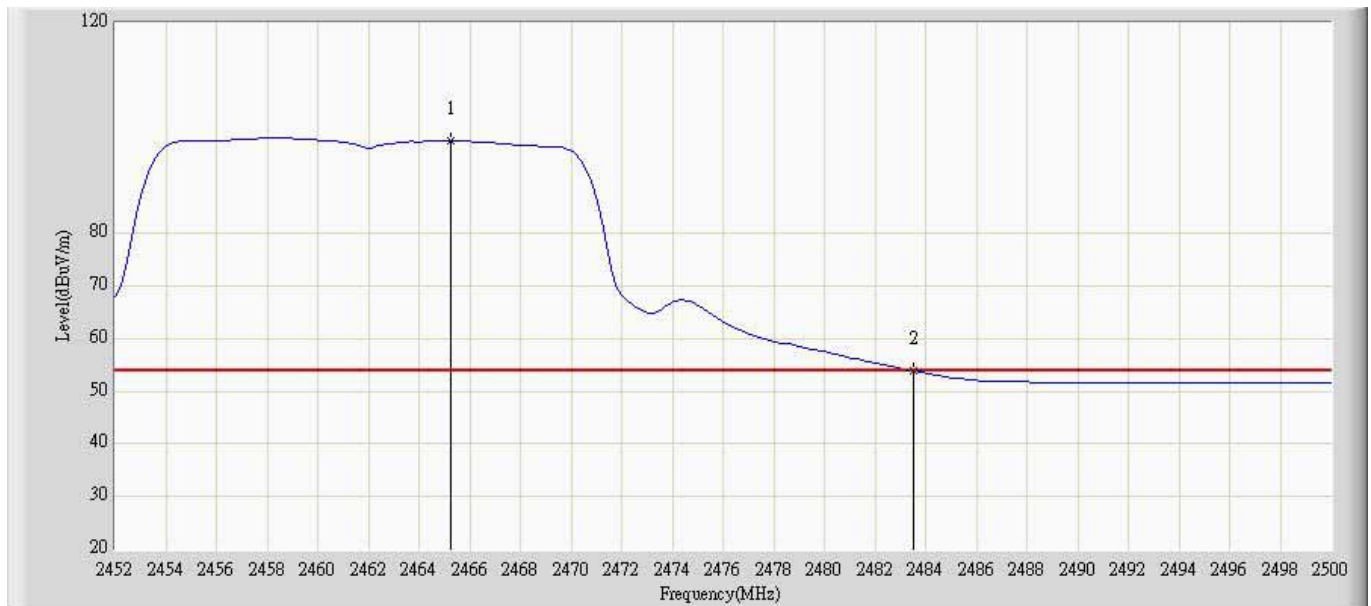
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.660	97.200	59.850	N/A	N/A	37.350	AV
2			2483.500	53.704	16.263	-0.296	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 13:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 1	



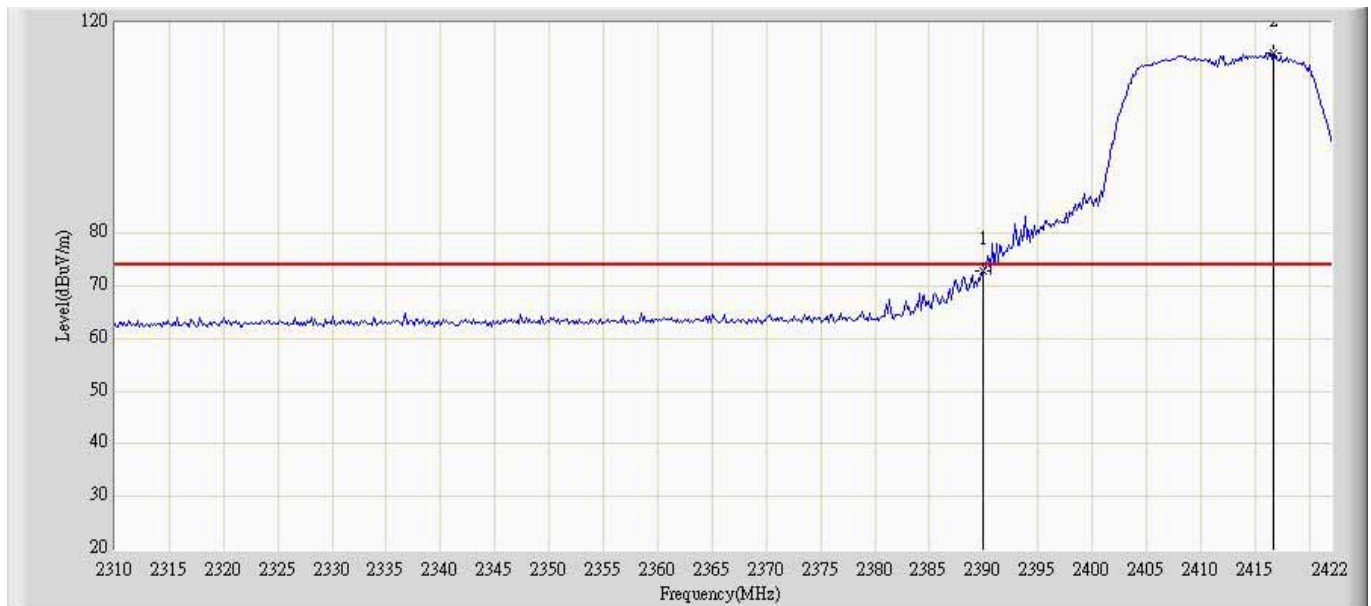
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.317	110.733	72.428	N/A	N/A	38.306	PK
2			2483.500	71.355	32.880	-2.645	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 13:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 1	



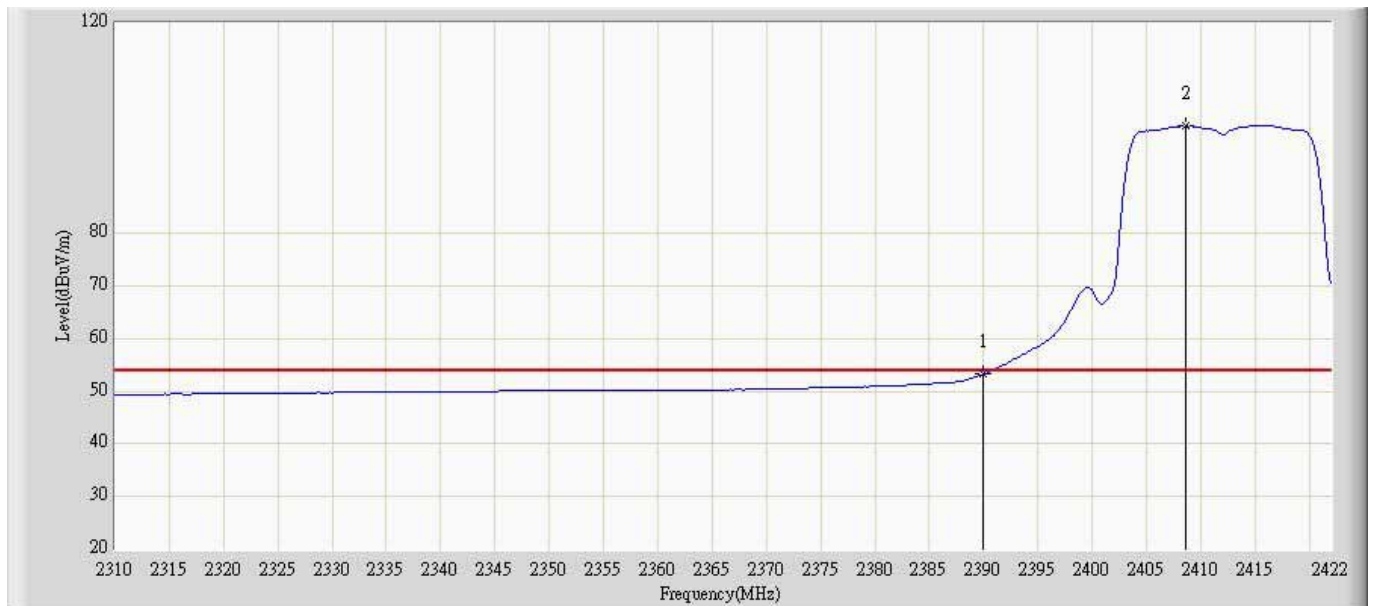
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.260	97.564	59.250	N/A	N/A	38.314	AV
2			2483.500	53.893	15.418	-0.107	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 13:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 2	



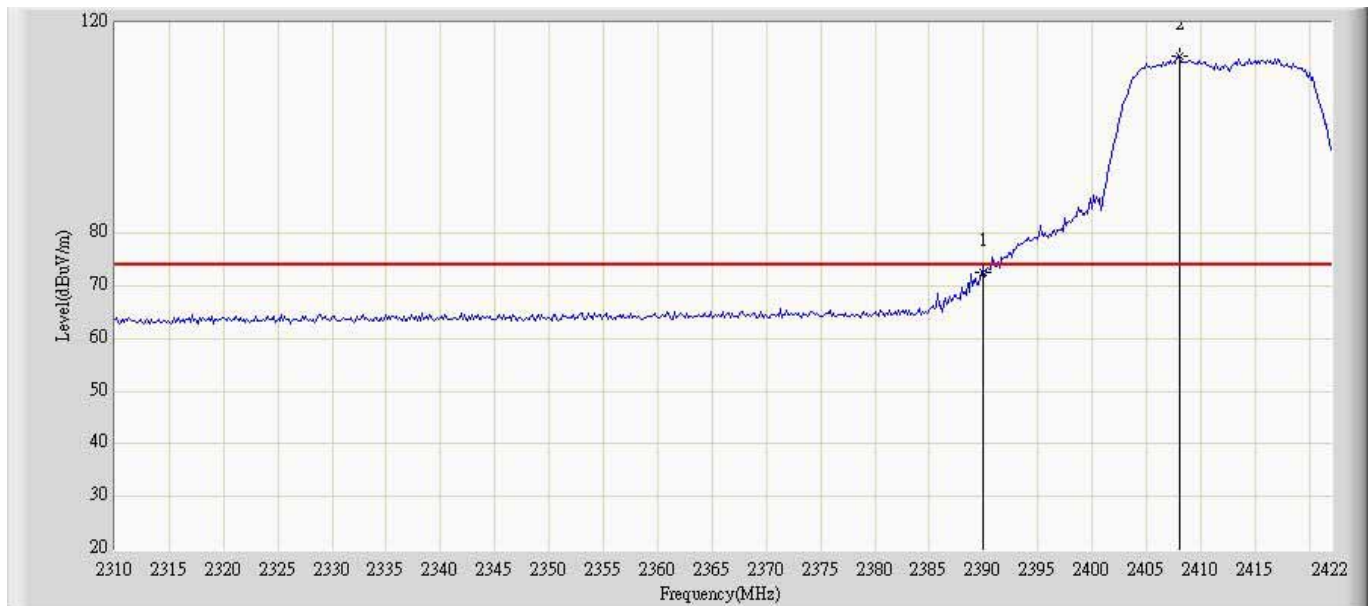
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	72.748	35.761	-1.252	74.000	36.988	PK
2		*	2416.680	114.295	77.176	N/A	N/A	37.119	PK

Site: AC5	Time: 2014/07/11 - 13:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 2	



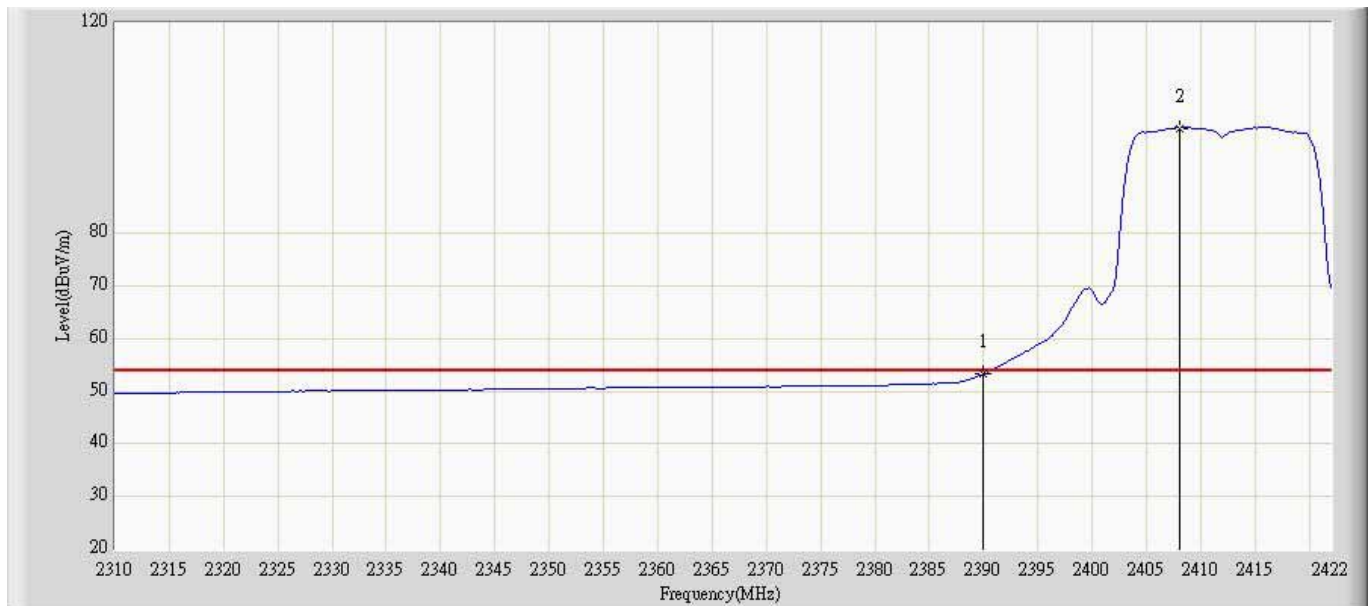
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.252	16.265	-0.748	54.000	36.988	AV
2		*	2408.560	100.371	63.291	N/A	N/A	37.080	AV

Site: AC5	Time: 2014/07/11 - 13:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	72.729	35.082	-1.271	74.000	37.648	PK
2		*	2408.000	113.563	75.754	N/A	N/A	37.809	PK

Site: AC5	Time: 2014/07/11 - 14:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2412MHz by 802.11g Ant 2	



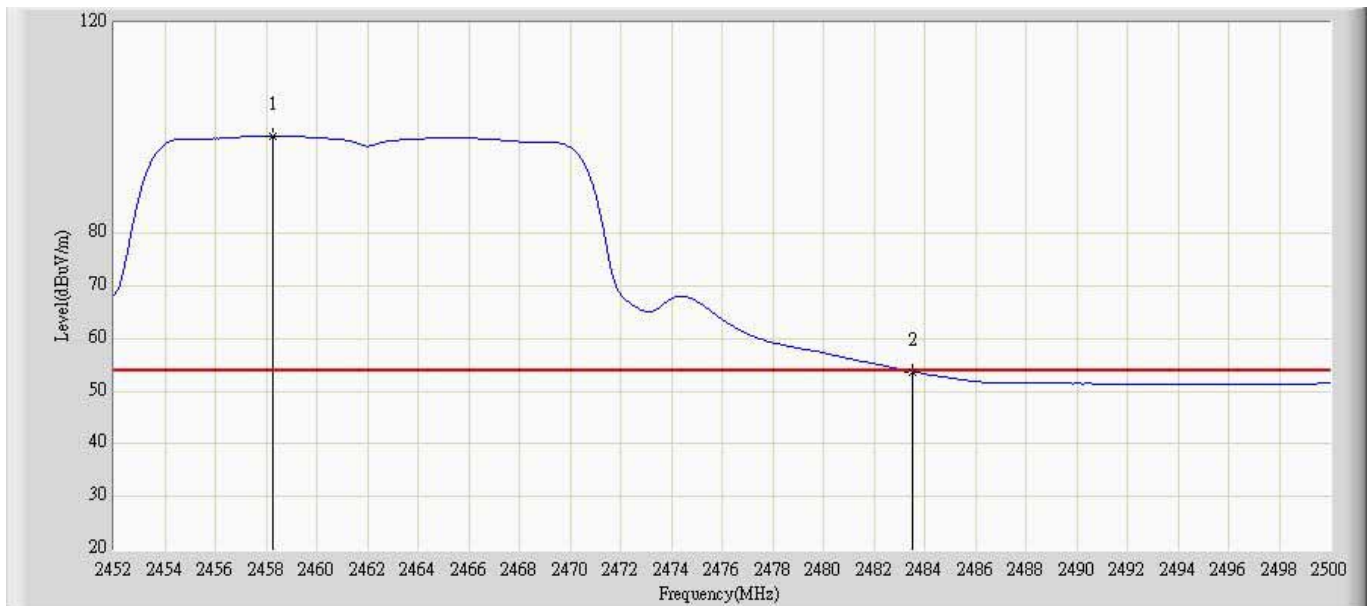
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.294	15.647	-0.706	54.000	37.648	AV
2		*	2408.000	99.986	62.177	N/A	N/A	37.809	AV

Site: AC5	Time: 2014/07/11 - 14:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 2	



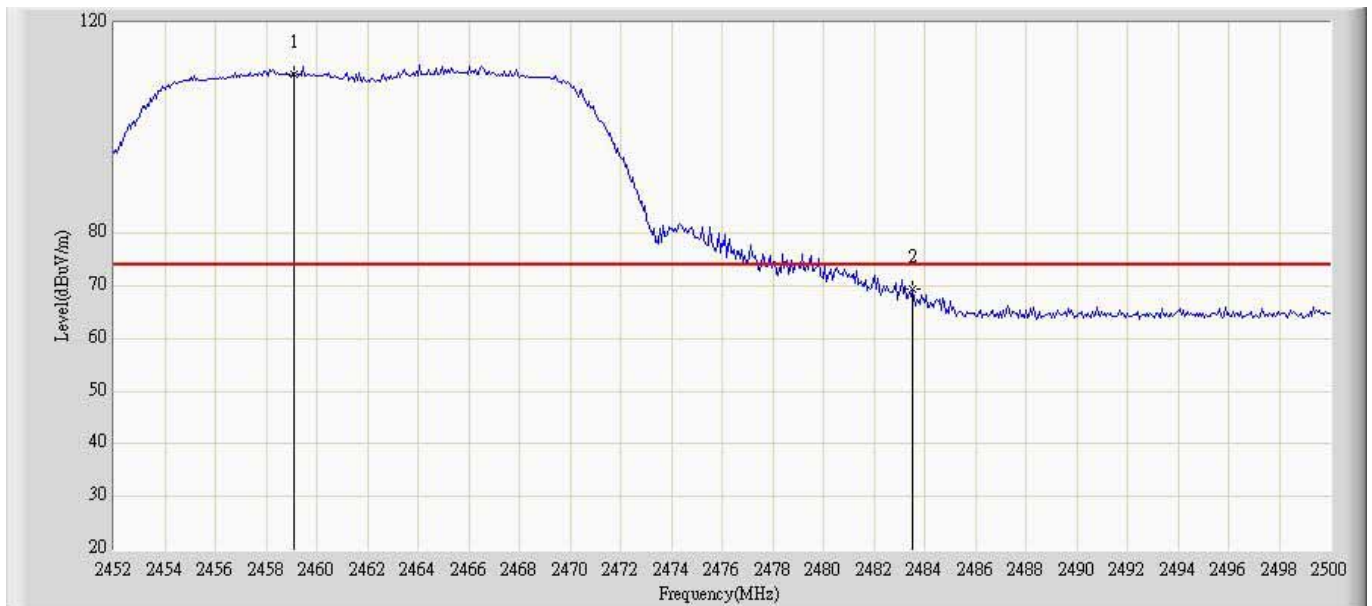
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.780	112.073	74.723	N/A	N/A	37.350	PK
2			2483.500	72.589	35.148	-1.411	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 14:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 2	



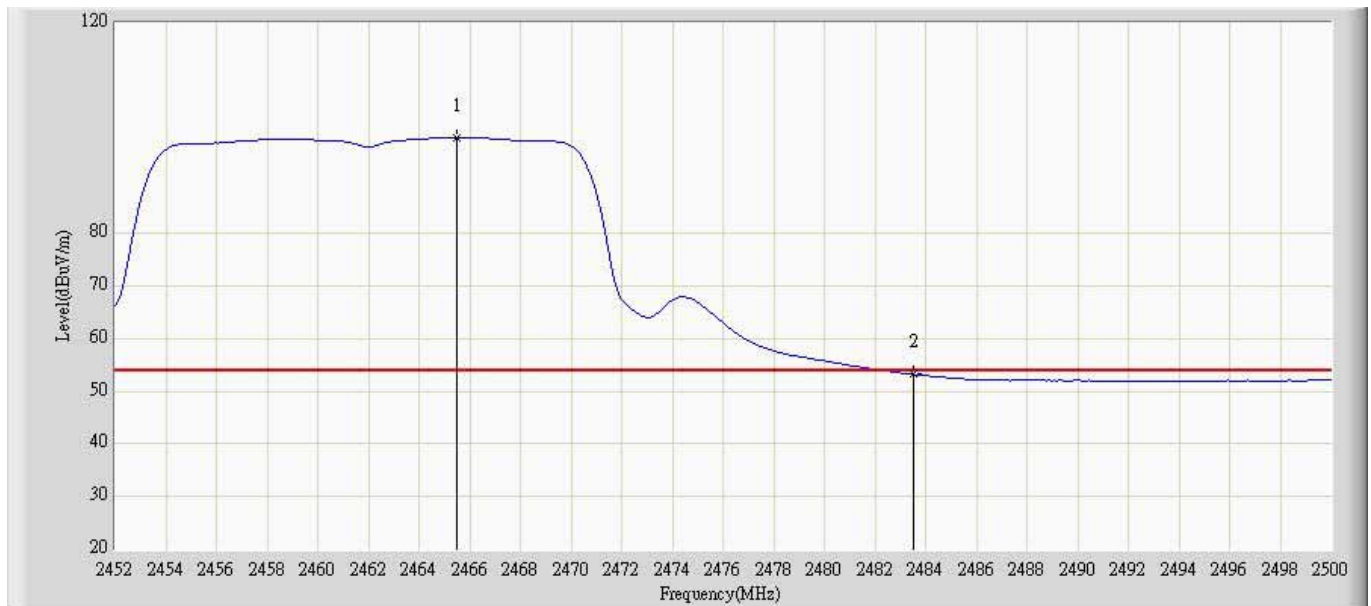
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.240	98.554	61.235	N/A	N/A	37.319	AV
2			2483.500	53.747	16.306	-0.253	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 14:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 2	



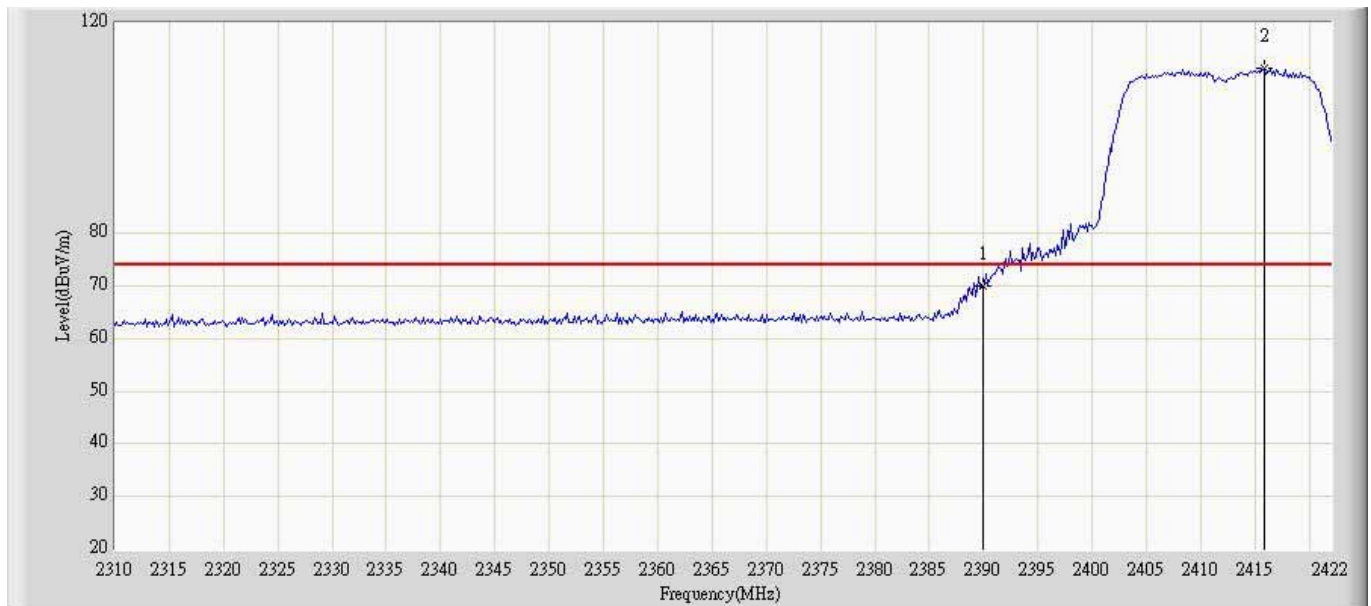
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2459.092	110.327	72.068	N/A	N/A	38.259	PK
2			2483.500	69.347	30.872	-4.653	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 14:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode2: Transmit at Channel 2462MHz by 802.11g Ant 2	



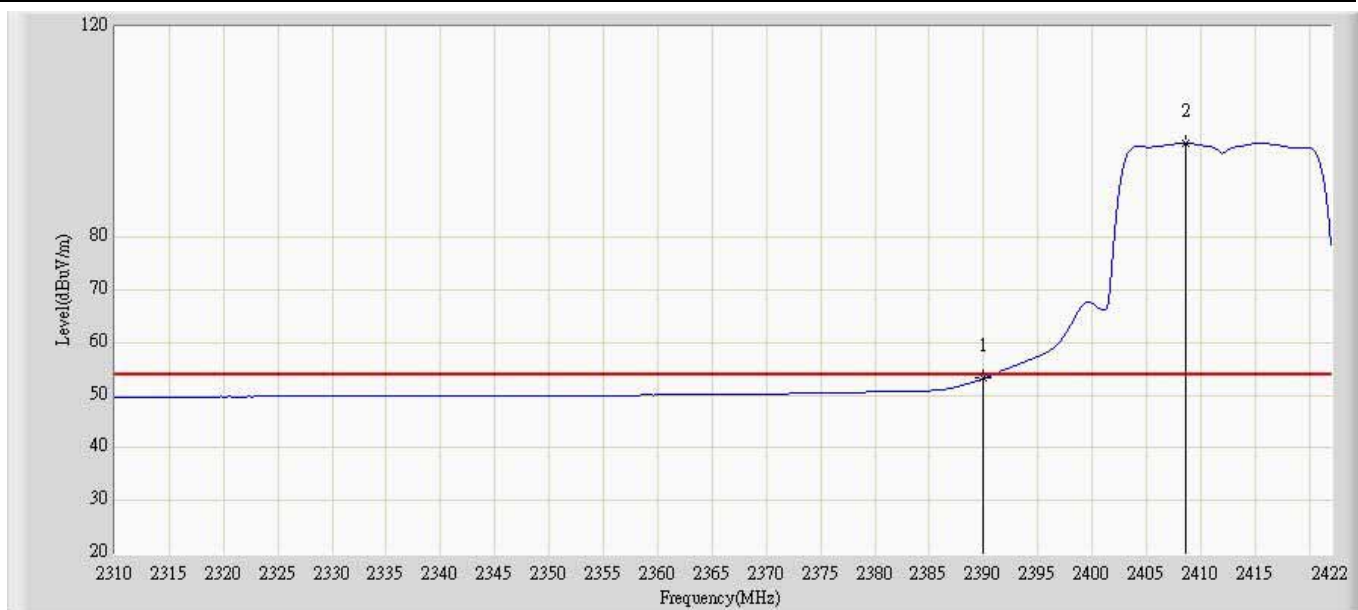
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.500	98.253	59.937	N/A	N/A	38.316	AV
2			2483.500	53.252	14.777	-0.748	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 14:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1	



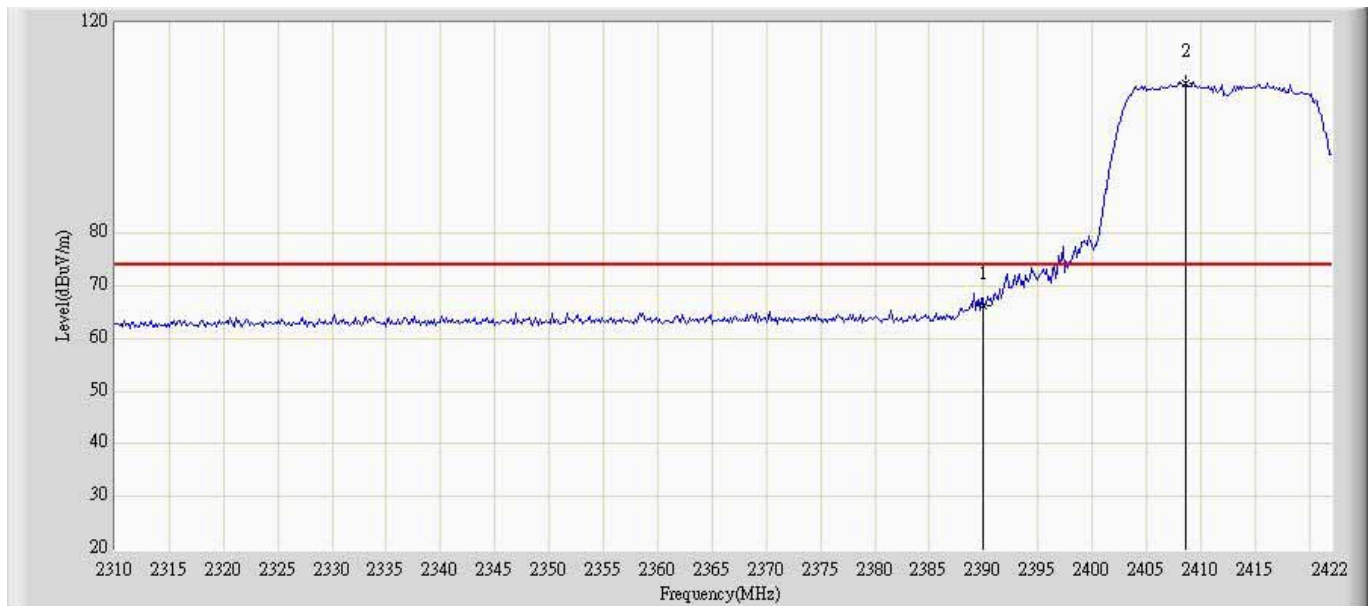
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	70.129	33.142	-3.871	74.000	36.988	PK
2		*	2415.840	111.481	74.366	N/A	N/A	37.115	PK

Site: AC5	Time: 2014/07/11 - 14:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1	



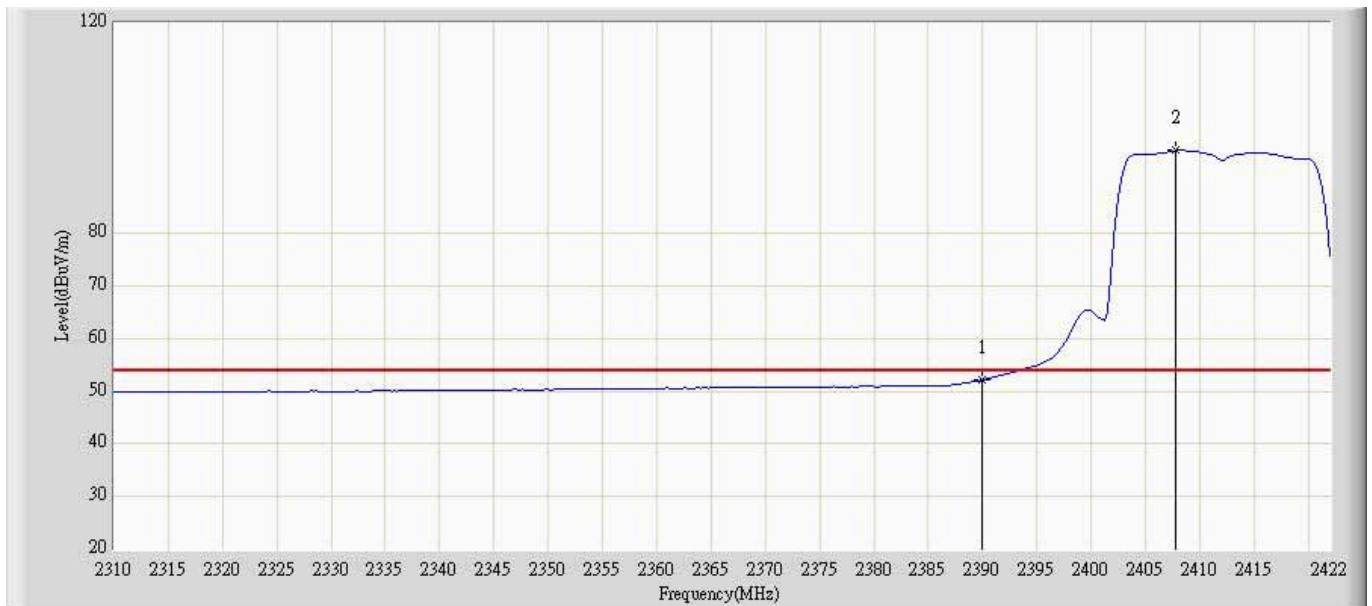
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.258	16.271	-0.742	54.000	36.988	AV
2		*	2408.560	97.882	60.802	N/A	N/A	37.080	AV

Site: AC5	Time: 2014/07/11 - 14:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1	



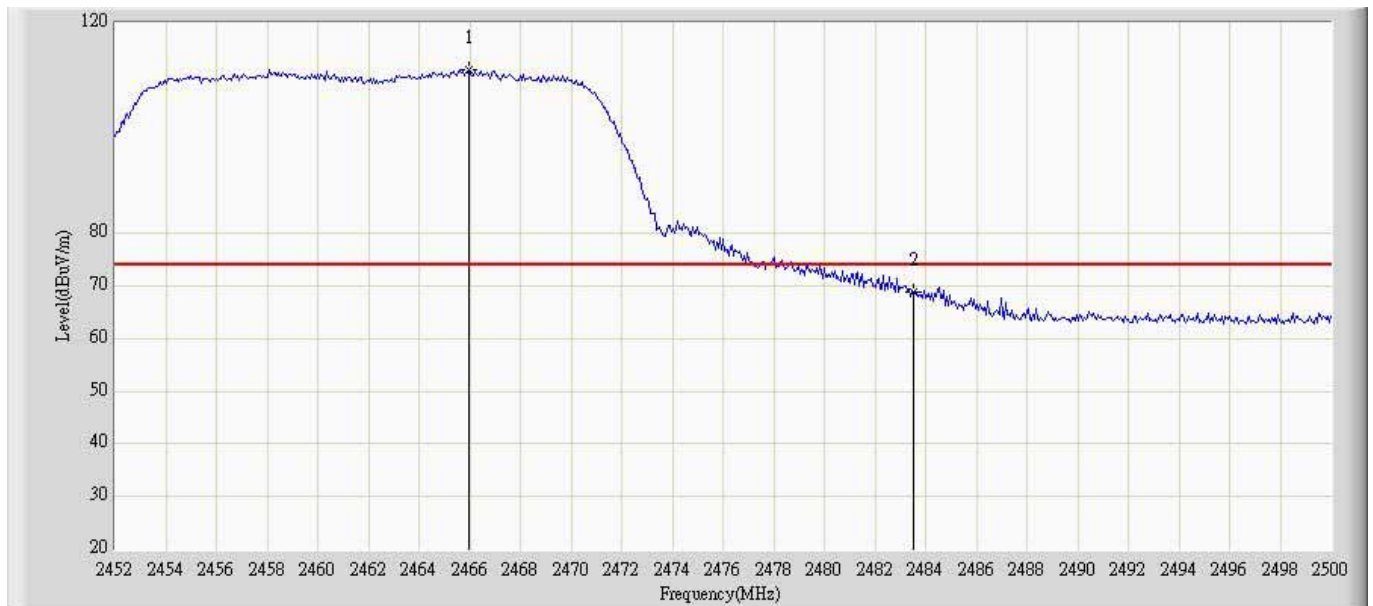
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	66.227	28.580	-7.773	74.000	37.648	PK
2		*	2408.588	108.626	70.812	N/A	N/A	37.815	PK

Site: AC5	Time: 2014/07/11 - 14:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1	



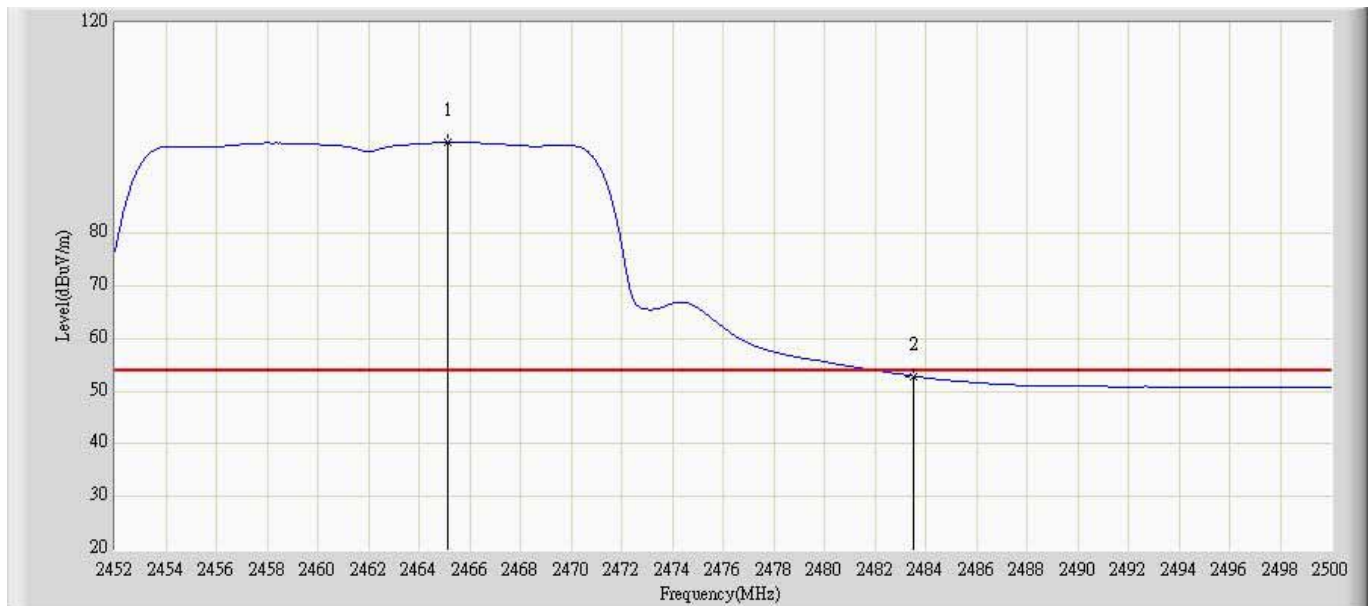
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.185	14.538	-1.815	54.000	37.648	AV
2		*	2407.860	95.768	57.960	N/A	N/A	37.808	AV

Site: AC5	Time: 2014/07/11 - 14:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1	



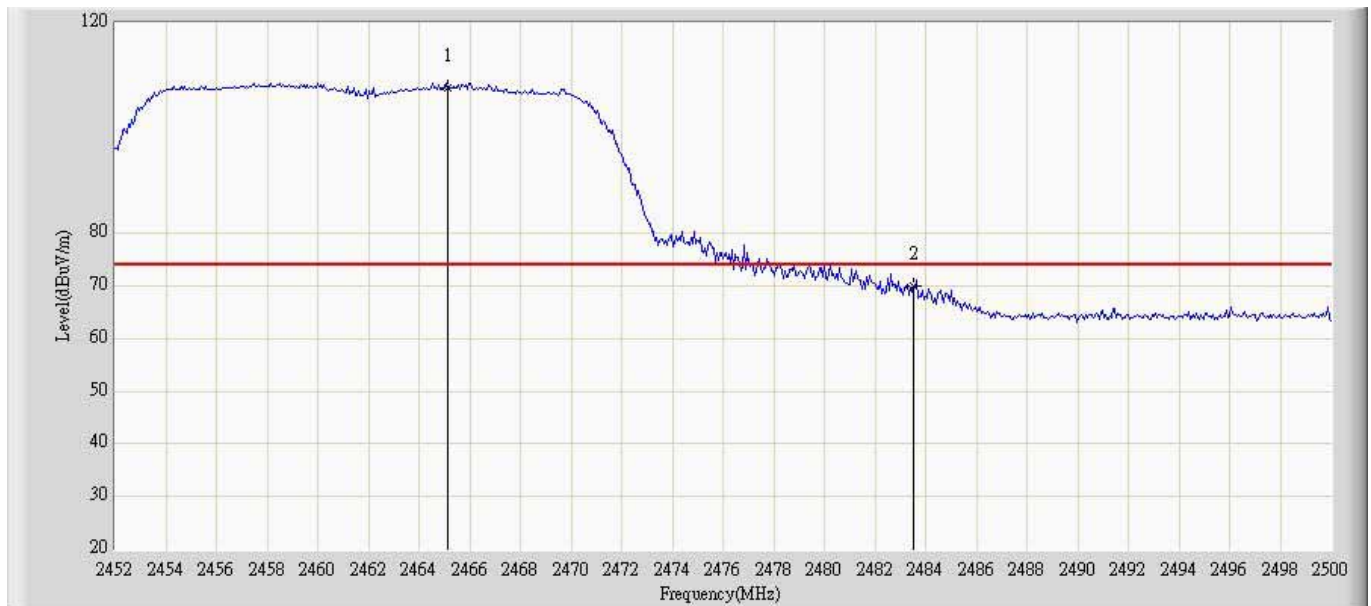
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.980	110.962	73.606	N/A	N/A	37.356	PK
2			2483.500	68.798	31.357	-5.202	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 14:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1	



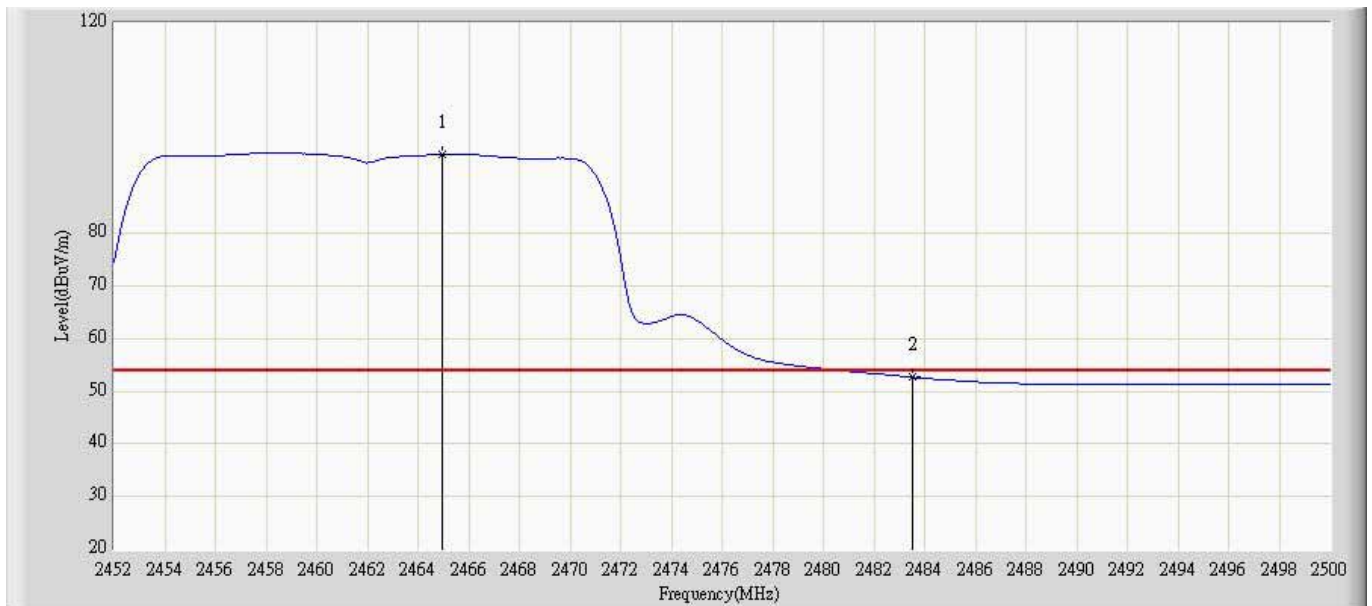
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.140	97.254	59.902	N/A	N/A	37.352	AV
2			2483.500	52.885	15.444	-1.115	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1	



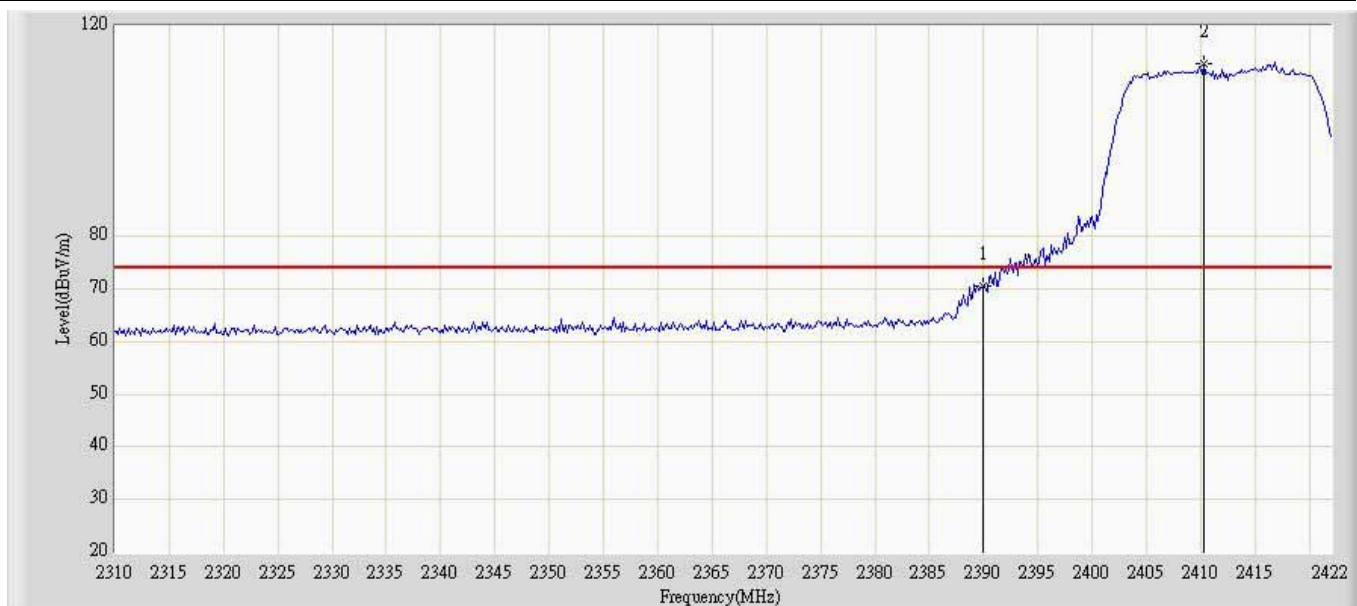
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.138	107.585	69.272	N/A	N/A	38.313	PK
2			2483.500	69.951	31.476	-4.049	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 14:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1	



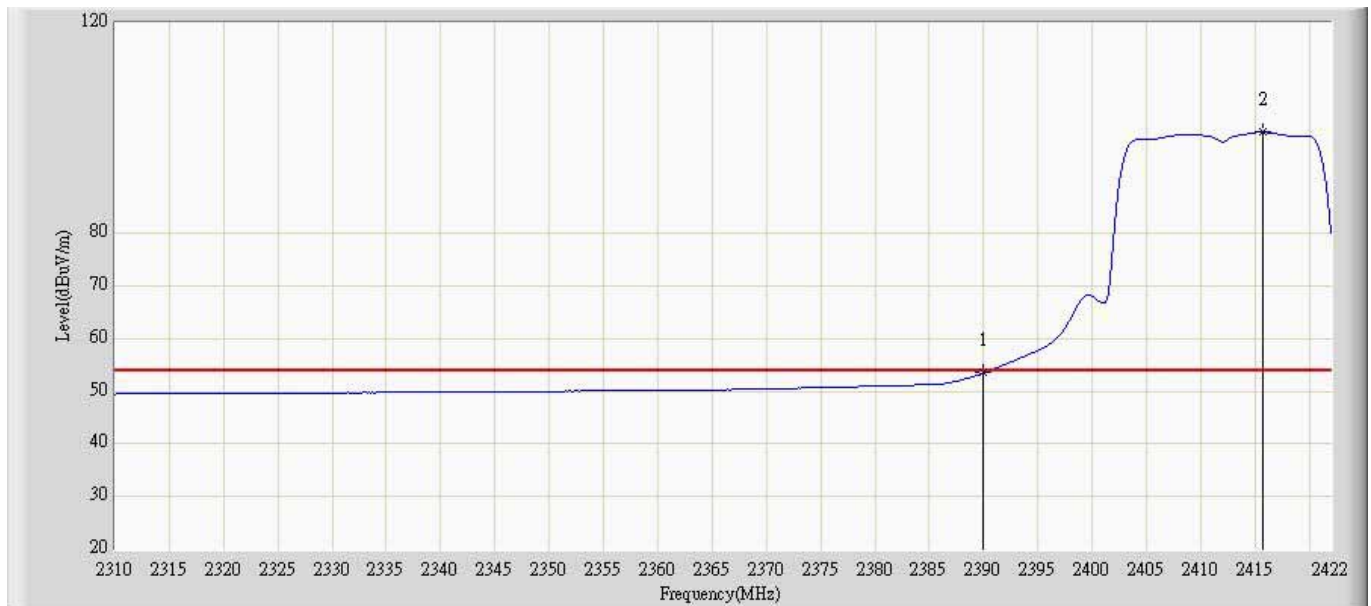
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.960	95.022	56.711	N/A	N/A	38.311	AV
2			2483.500	52.683	14.208	-1.317	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 14:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 2	



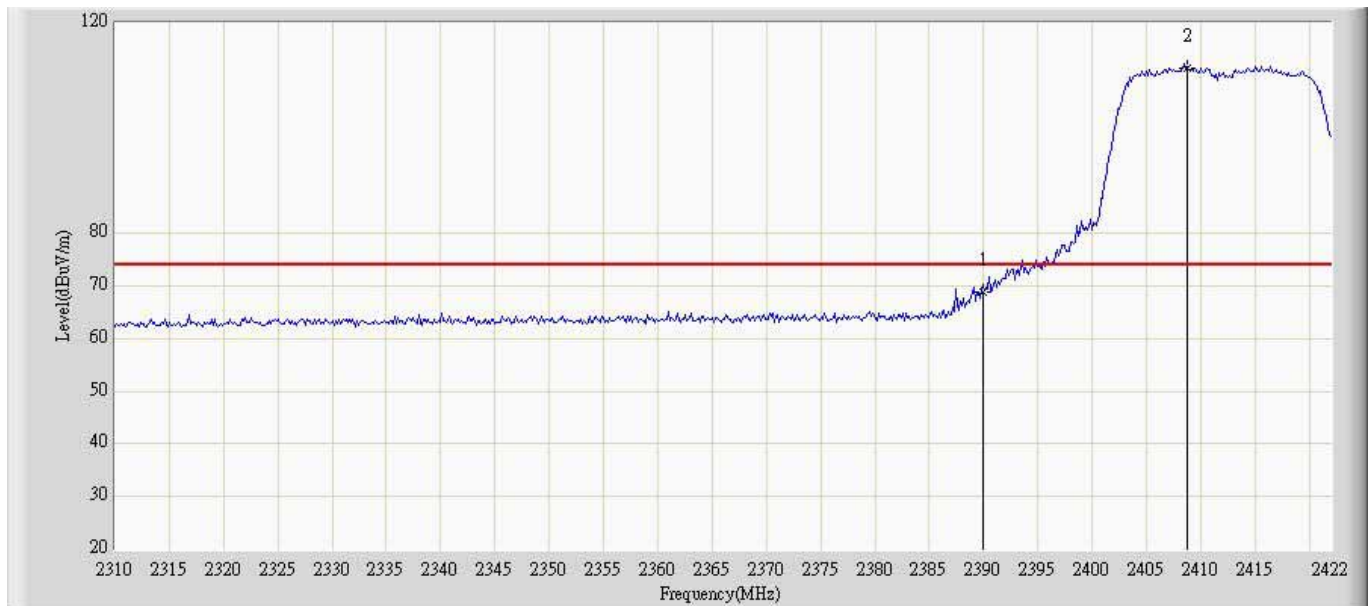
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	70.530	33.543	-3.470	74.000	36.988	PK
2		*	2410.240	112.768	75.680	N/A	N/A	37.088	PK

Site: AC5	Time: 2014/07/11 - 14:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 2	



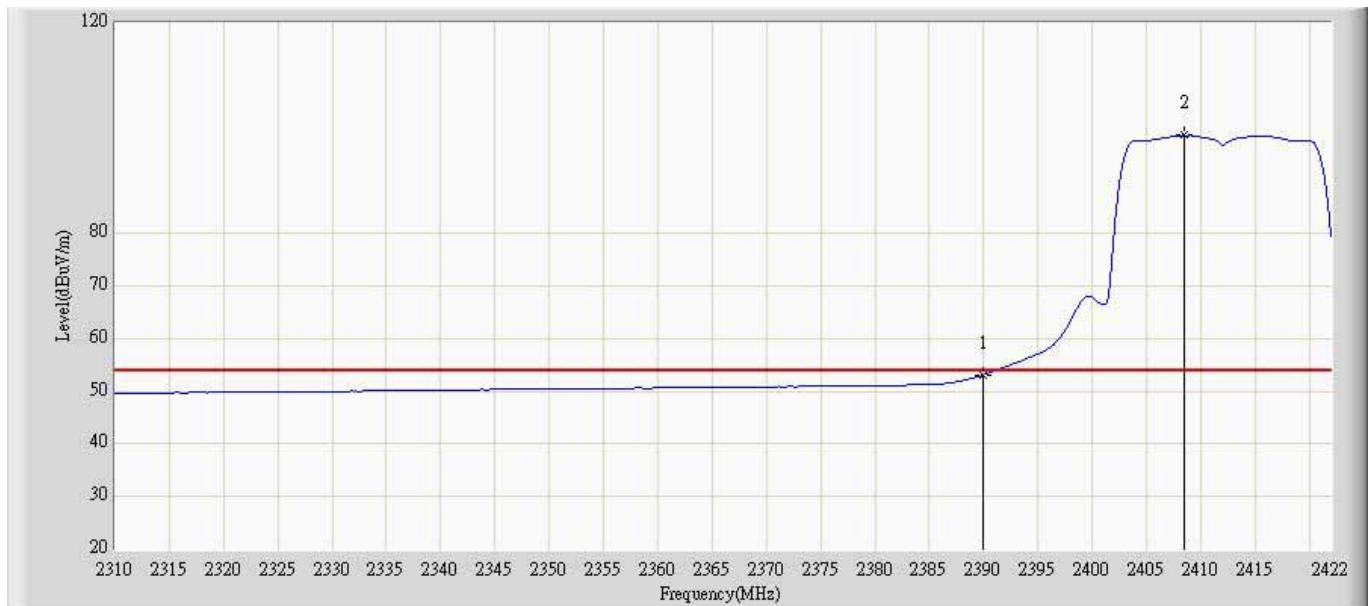
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.513	16.526	-0.487	54.000	36.988	AV
2		*	2415.700	99.217	62.102	N/A	N/A	37.115	AV

Site: AC5	Time: 2014/07/11 - 14:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 2	



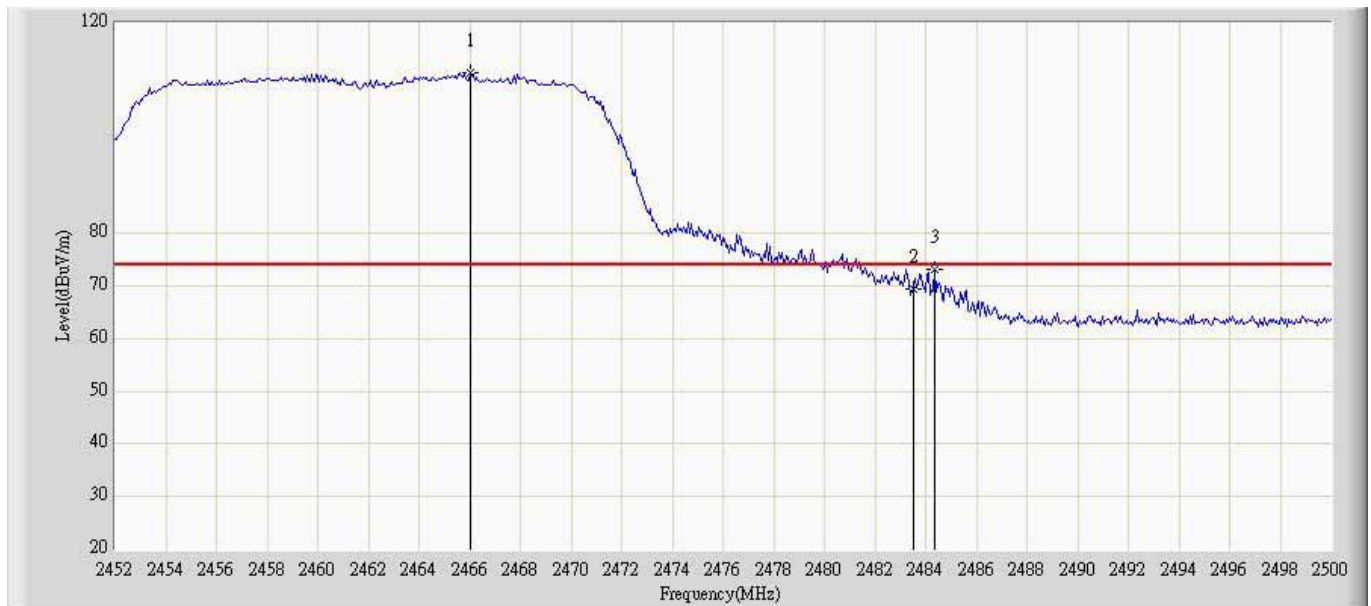
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	68.841	31.194	-5.159	74.000	37.648	PK
2		*	2408.762	111.442	73.626	N/A	N/A	37.816	PK

Site: AC5	Time: 2014/07/11 - 14:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 2	



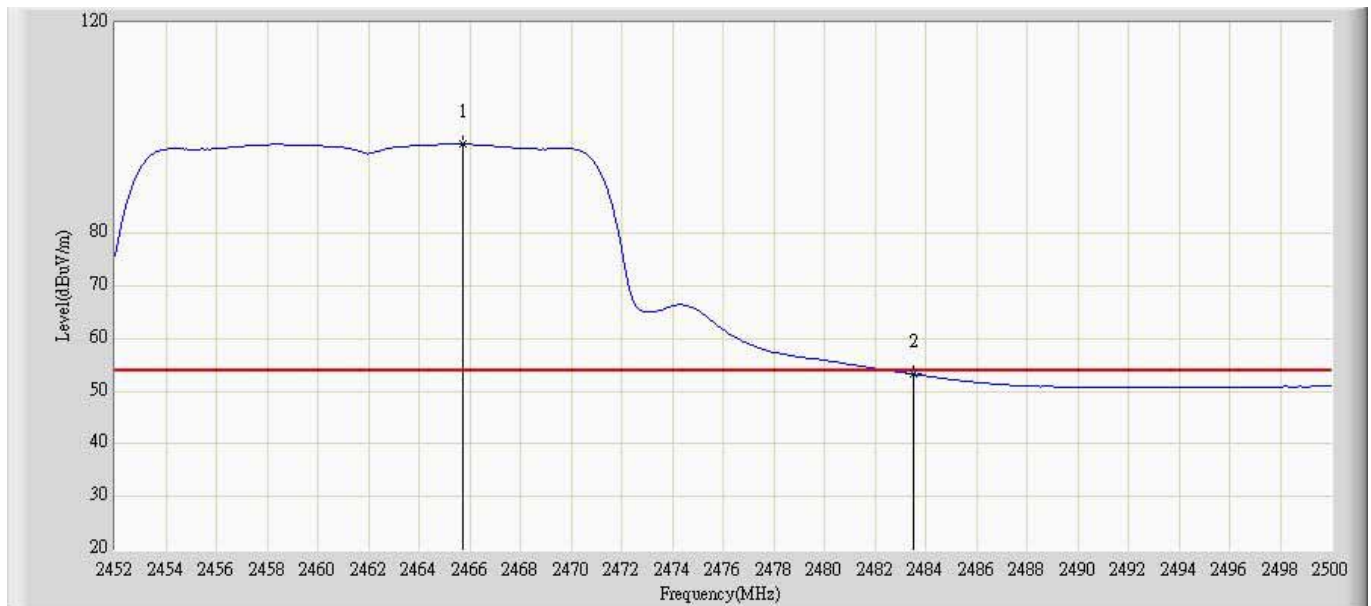
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.143	15.496	-0.857	54.000	37.648	AV
2		*	2408.420	98.627	60.814	N/A	N/A	37.813	AV

Site: AC5	Time: 2014/07/11 - 14:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 2	



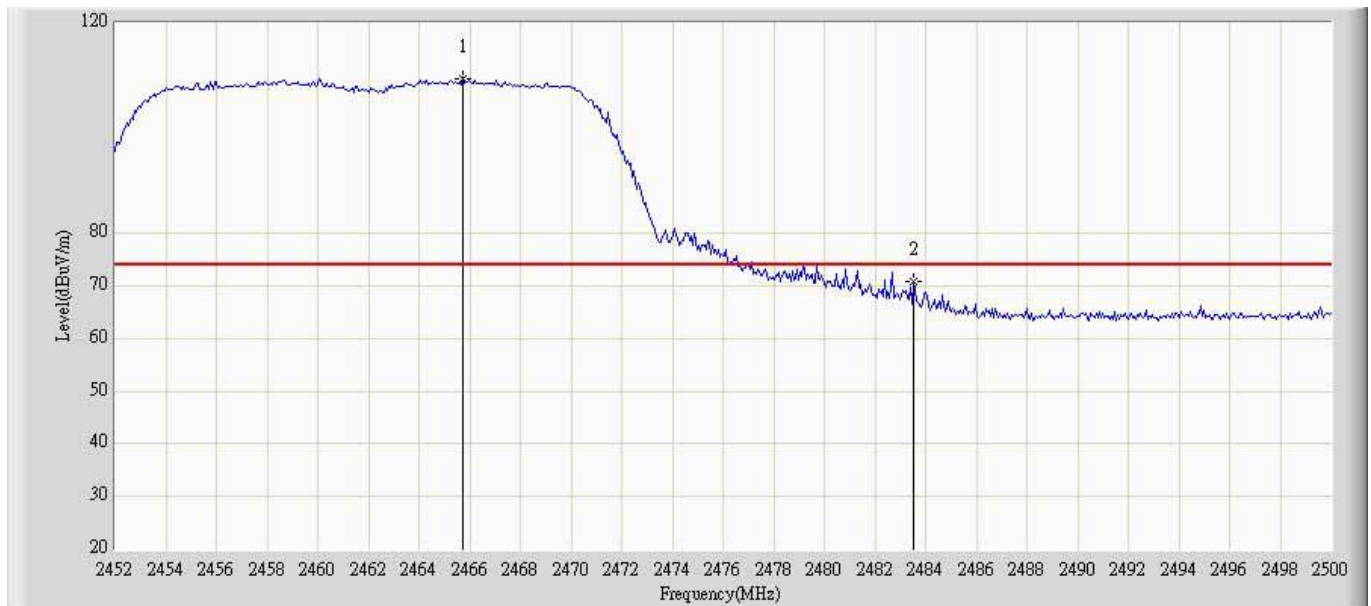
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2466.040	110.438	73.082	N/A	N/A	37.356	PK
2			2483.500	69.501	32.060	-4.499	74.000	37.441	PK
3			2484.340	73.207	35.762	-0.793	74.000	37.445	PK

Site: AC5	Time: 2014/07/11 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 2	



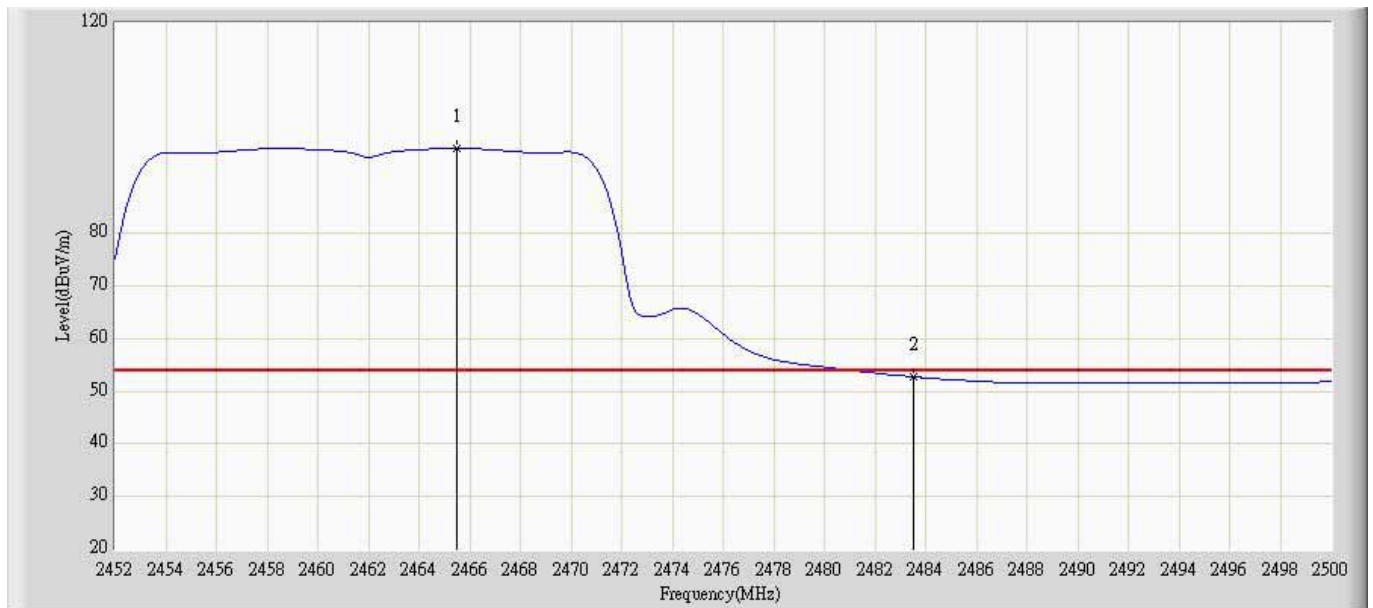
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.740	96.951	59.596	N/A	N/A	37.355	AV
2			2483.500	53.272	15.831	-0.728	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 14:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 2	



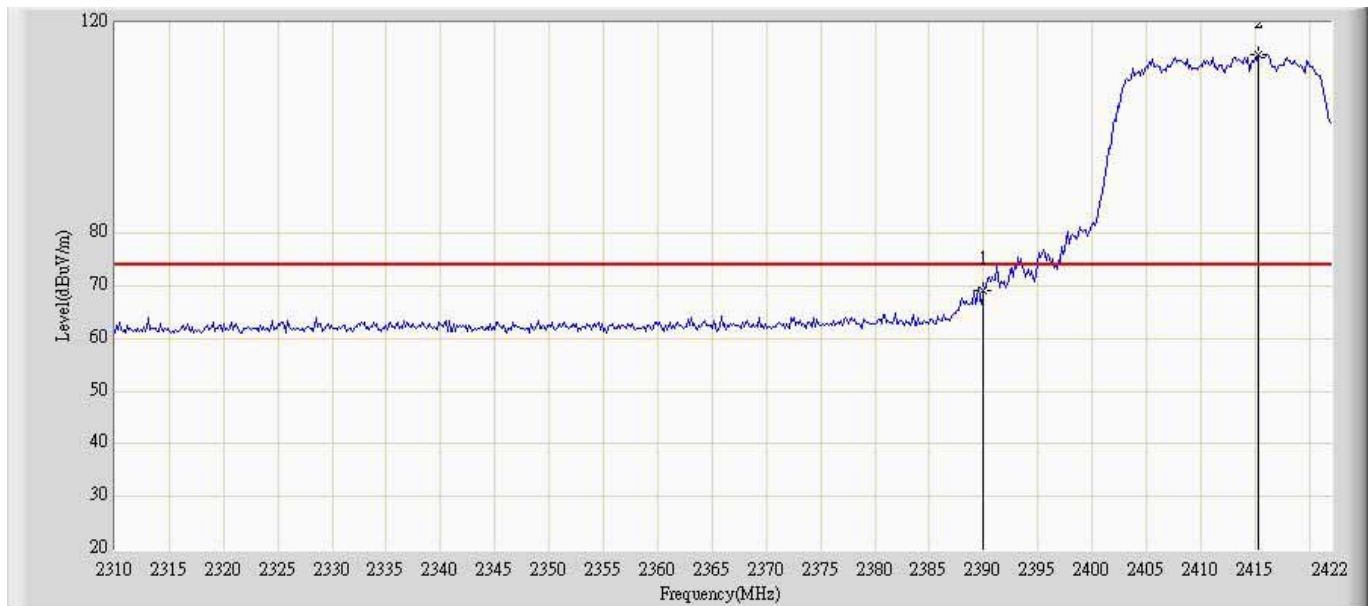
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.736	109.443	71.125	N/A	N/A	38.318	PK
2			2483.500	70.763	32.288	-3.237	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 14:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 2	



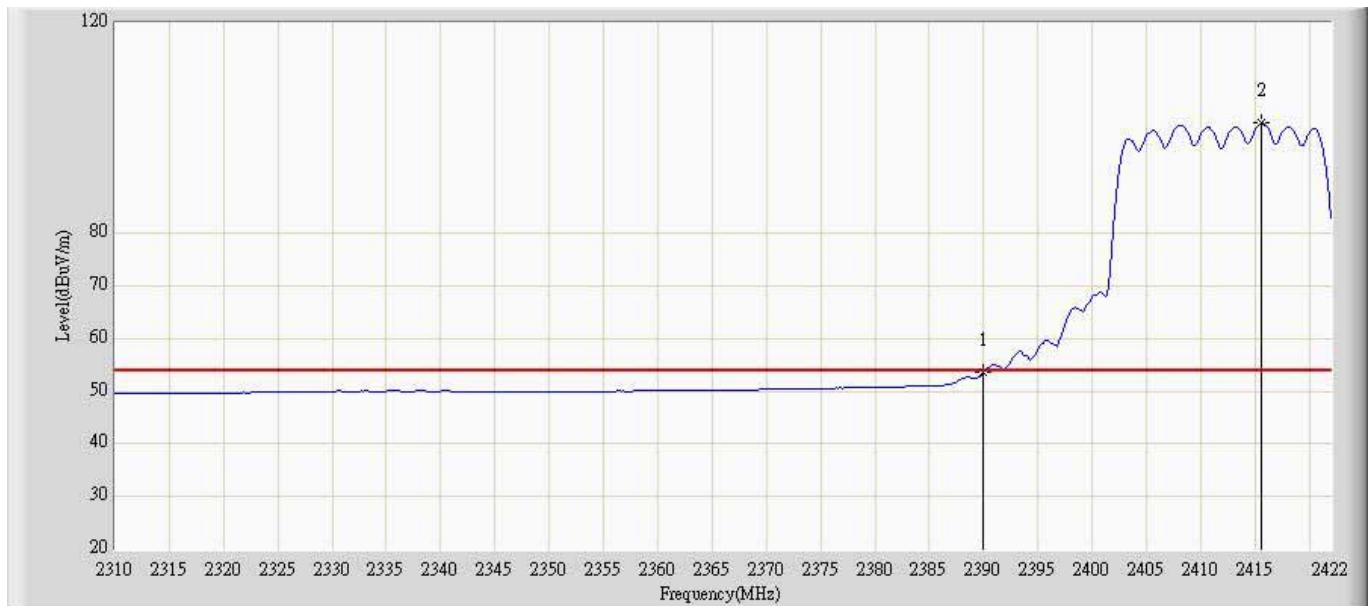
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.500	96.172	57.856	N/A	N/A	38.316	AV
2			2483.500	52.784	14.309	-1.216	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 14:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1+2	



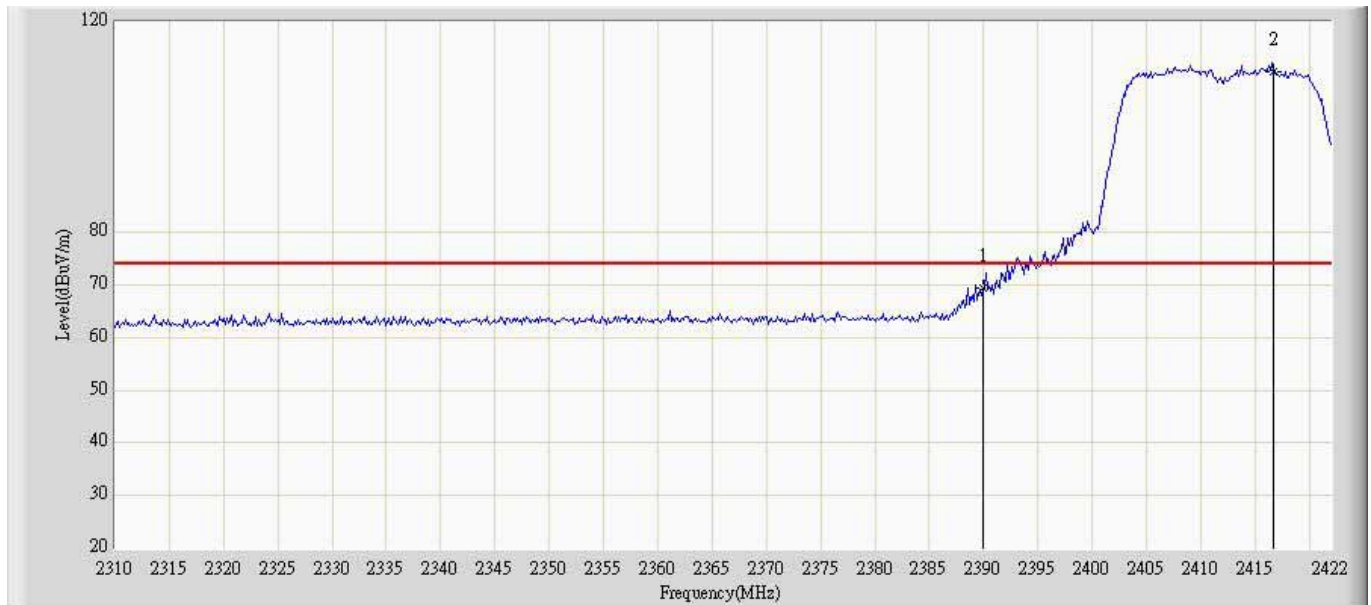
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	69.007	32.020	-4.993	74.000	36.988	PK
2		*	2415.280	114.019	76.906	N/A	N/A	37.112	PK

Site: AC5	Time: 2014/07/11 - 14:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1+2	



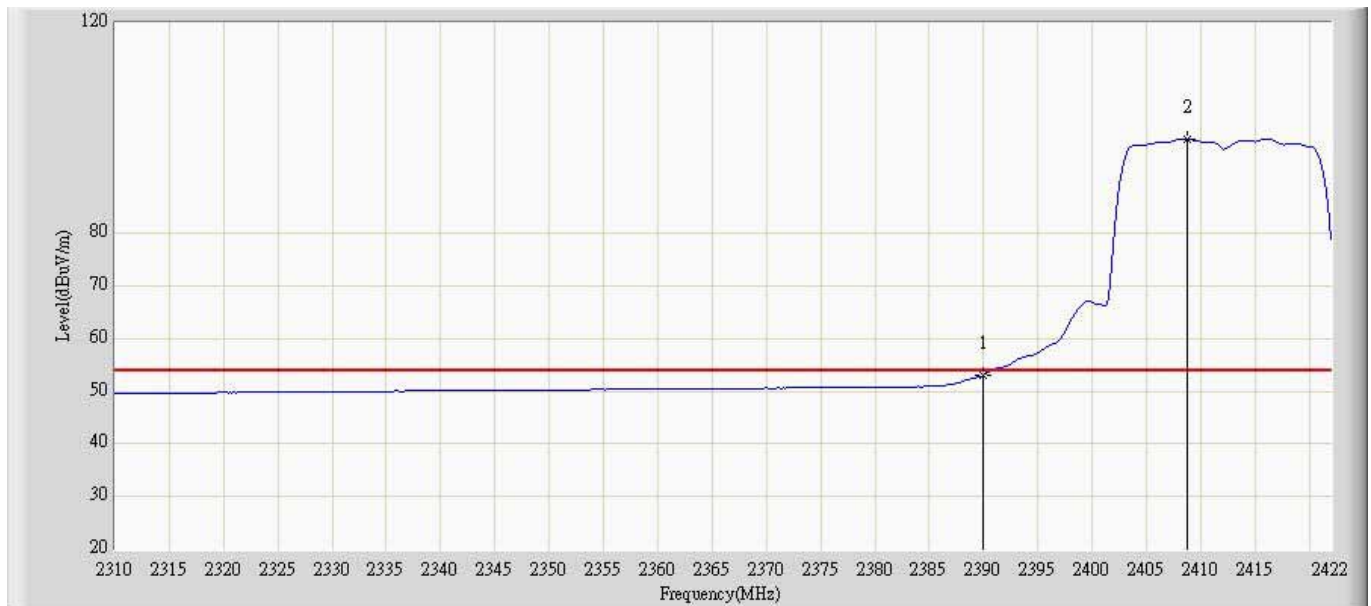
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.541	16.554	-0.459	54.000	36.988	AV
2		*	2415.560	100.975	63.861	N/A	N/A	37.114	AV

Site: AC5	Time: 2014/07/11 - 14:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1+2	



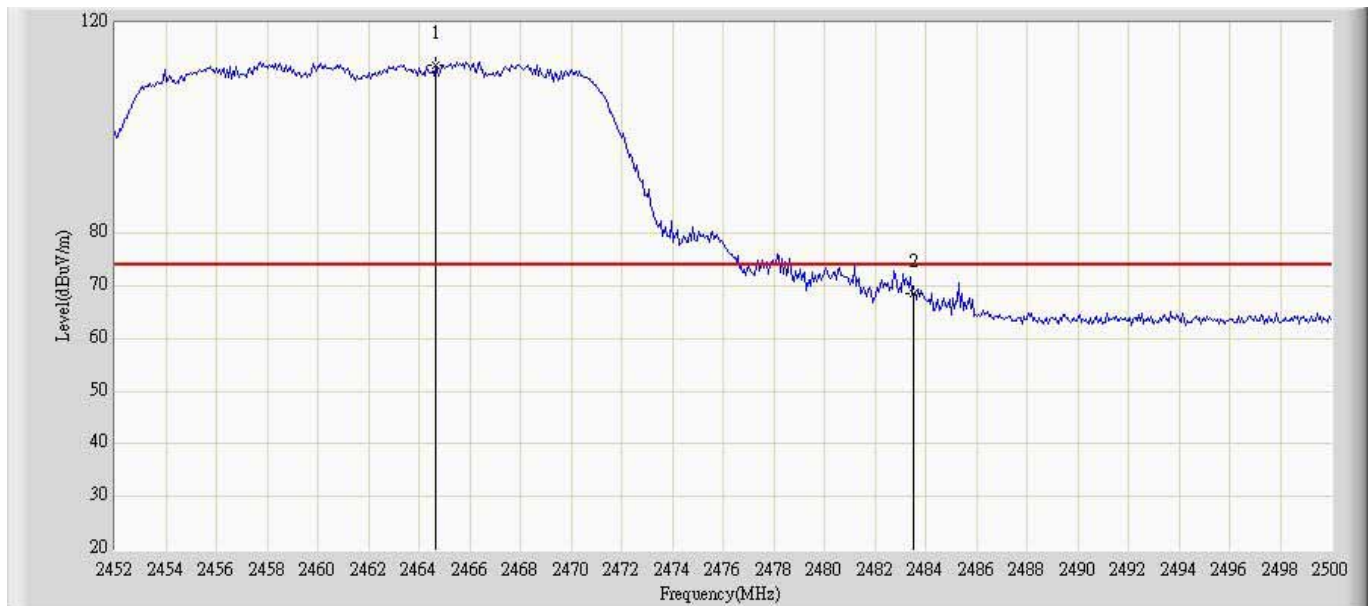
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	69.379	31.732	-4.621	74.000	37.648	PK
2		*	2416.774	110.483	72.596	N/A	N/A	37.887	PK

Site: AC5	Time: 2014/07/11 - 14:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2412MHz by 802.11n20 Ant 1+2	



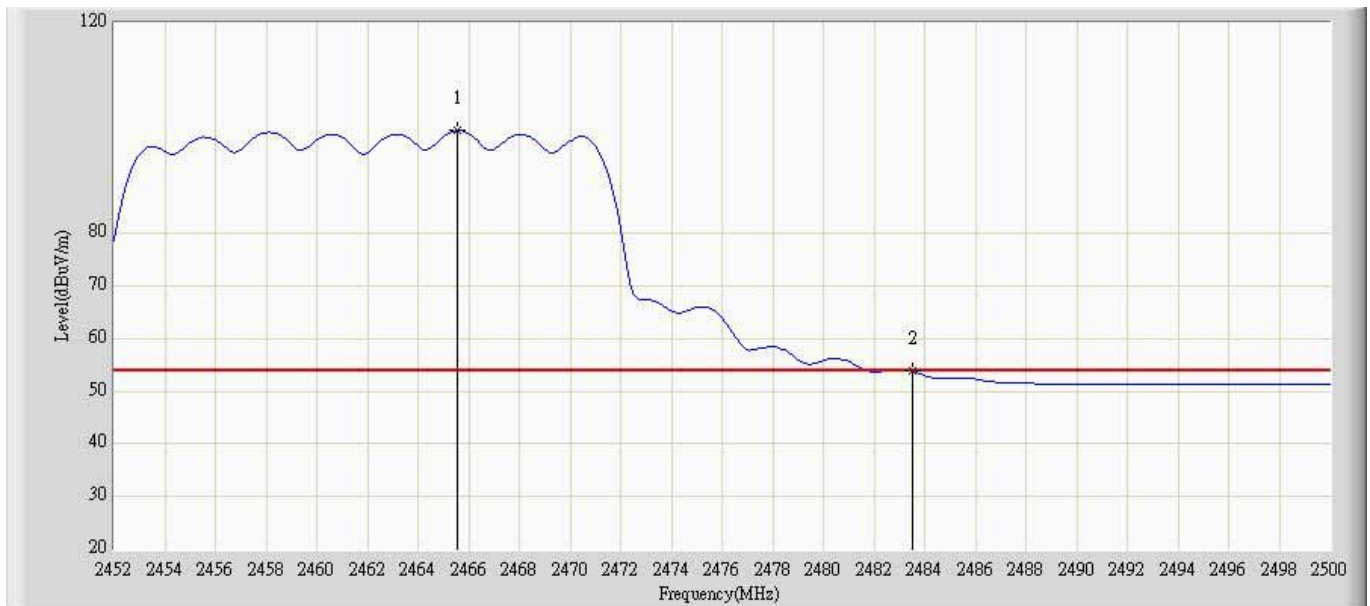
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.137	15.490	-0.863	54.000	37.648	AV
2		*	2408.700	97.959	60.144	N/A	N/A	37.815	AV

Site: AC5	Time: 2014/07/11 - 14:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.660	111.990	74.640	N/A	N/A	37.350	PK
2			2483.500	68.447	31.006	-5.553	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 14:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1+2	



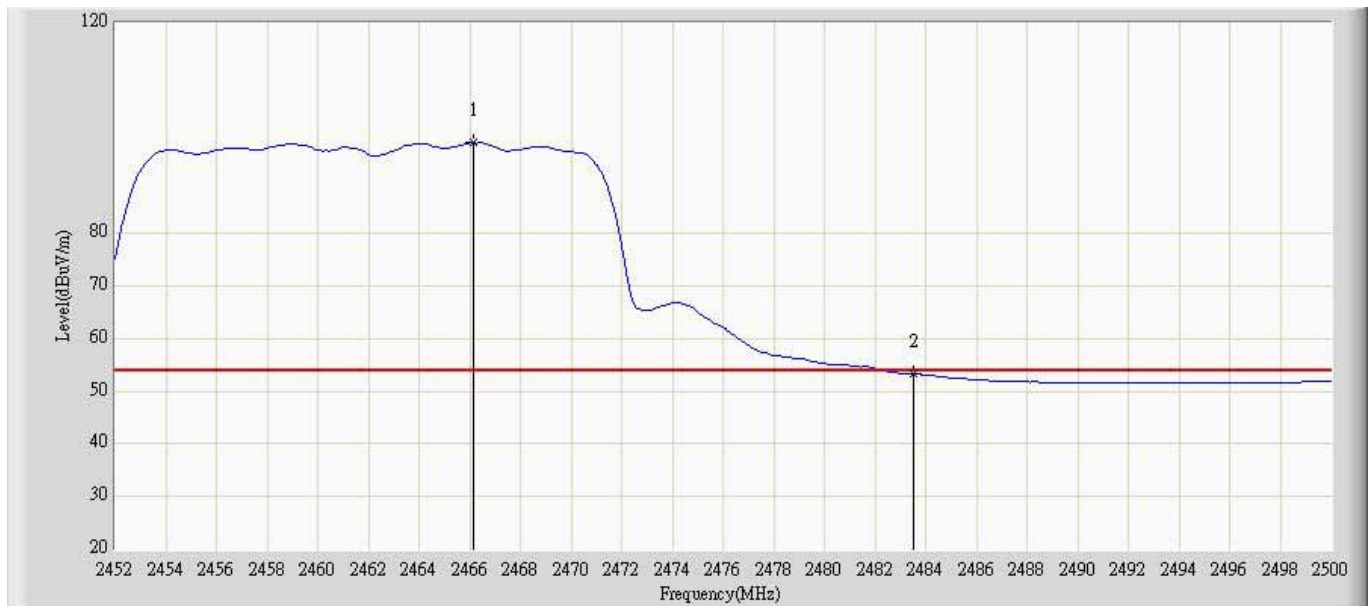
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2465.560	99.578	62.224	N/A	N/A	37.354	AV
2			2483.500	53.816	16.375	-0.184	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 14:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1+2	



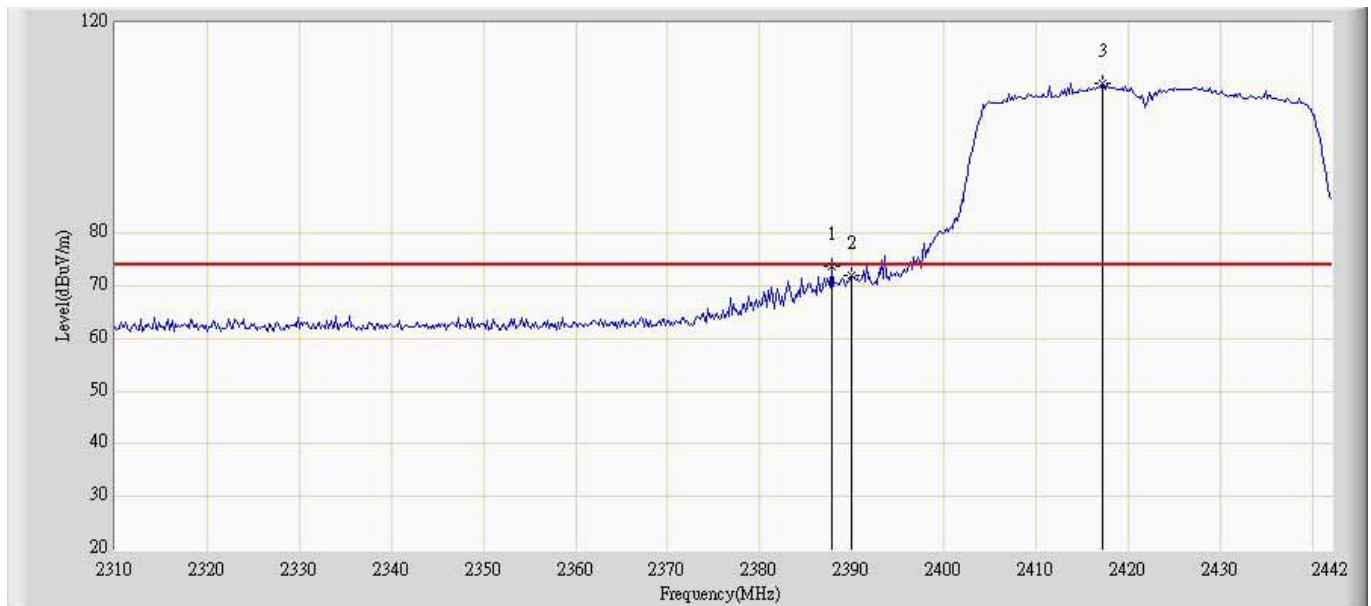
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.989	109.236	70.925	N/A	N/A	38.312	PK
2			2483.500	67.709	29.234	-6.291	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 14:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode3: Transmit at Channel 2462MHz by 802.11n20 Ant 1+2	



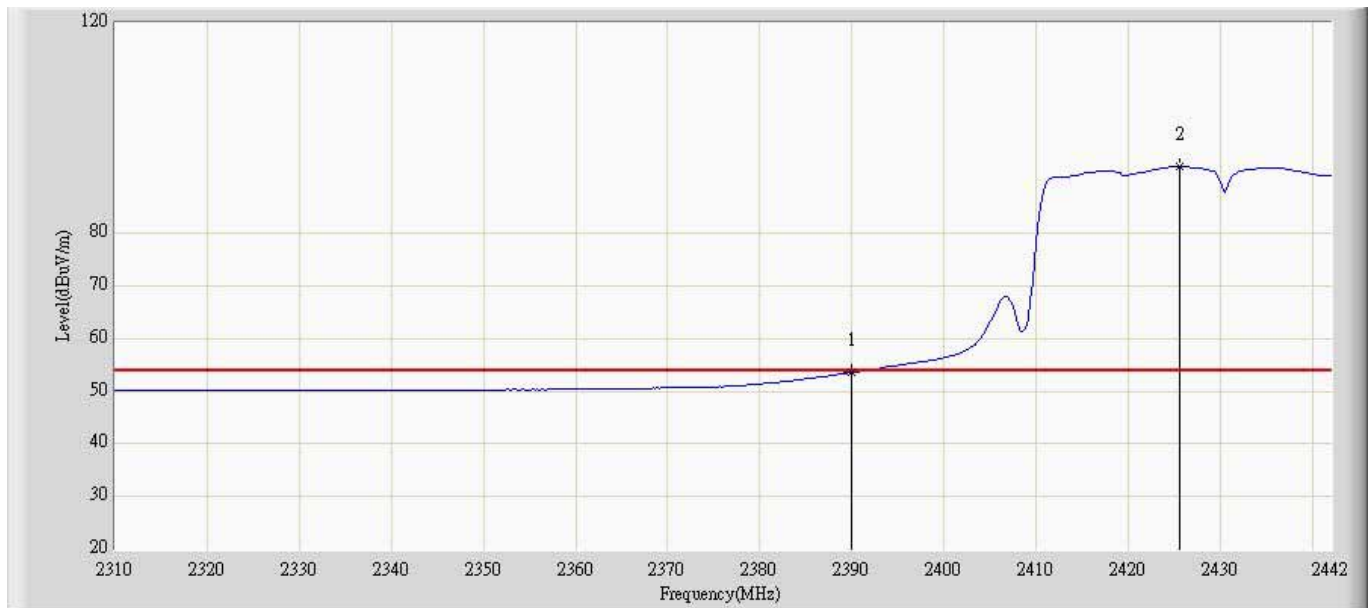
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2466.160	97.175	58.853	N/A	N/A	38.322	AV
2			2483.500	53.417	14.942	-0.583	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 14:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1	



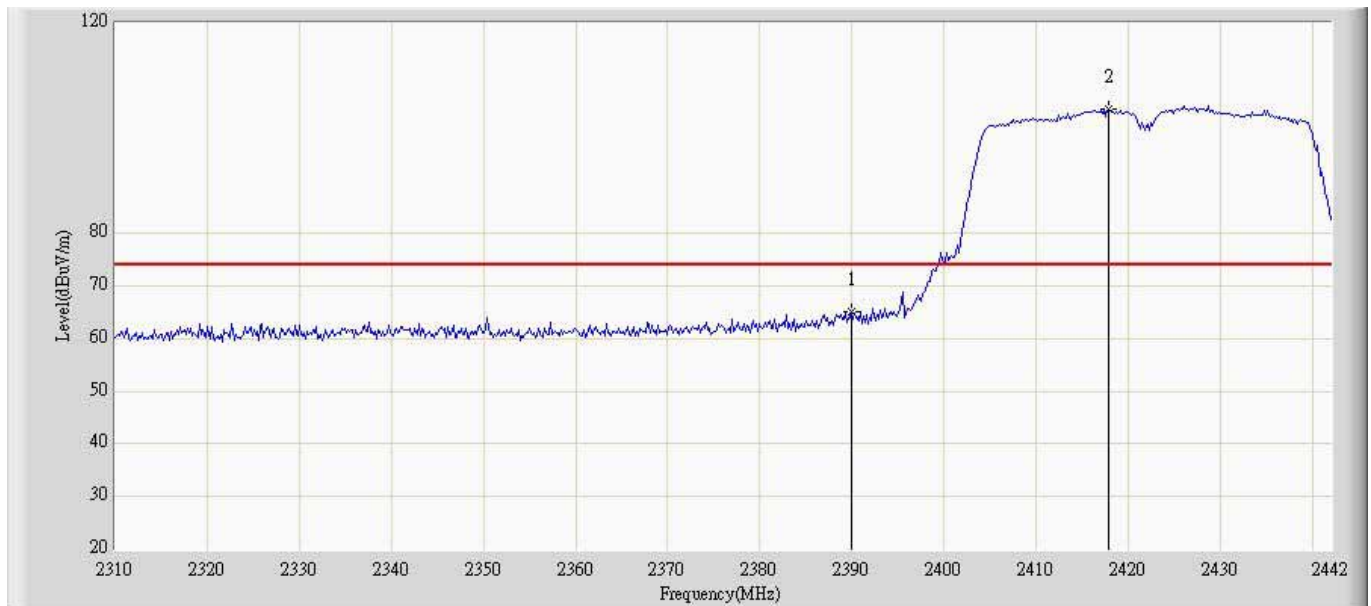
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2387.880	73.831	36.854	-0.169	74.000	36.977	PK
2			2390.000	72.024	35.037	-1.976	74.000	36.988	PK
3		*	2417.250	108.580	71.458	N/A	N/A	37.122	PK

Site: AC5	Time: 2014/07/11 - 14:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1	



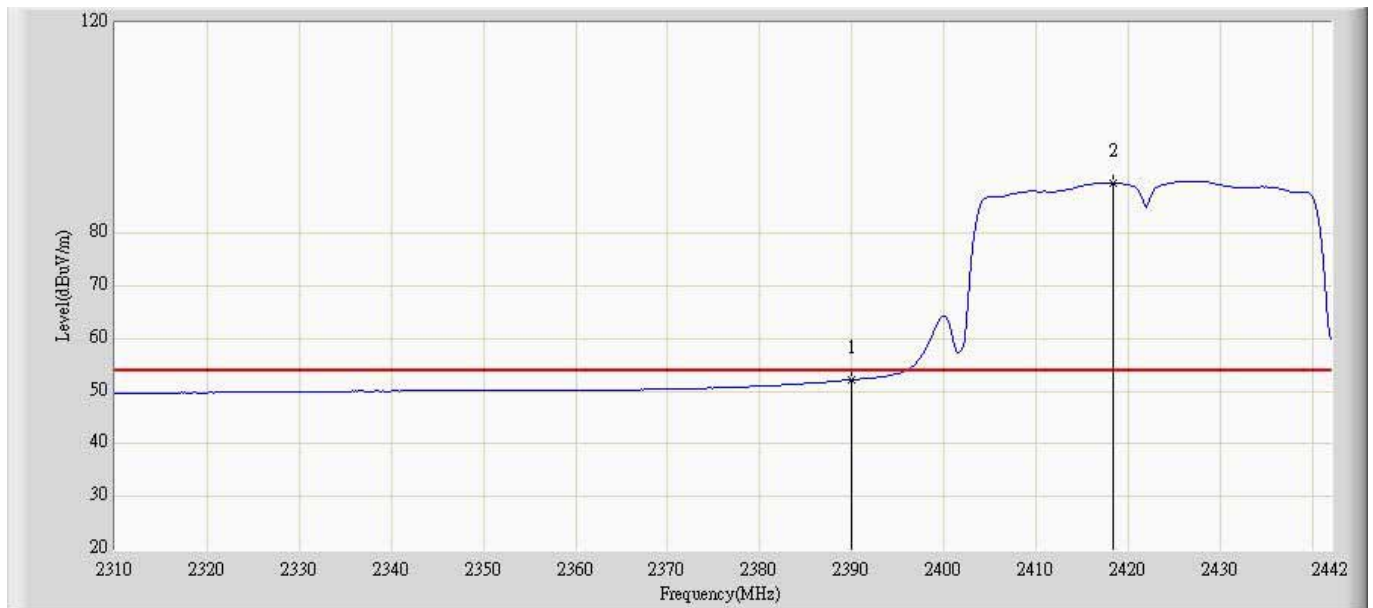
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.707	16.720	-0.293	54.000	36.988	AV
2		*	2425.552	92.619	55.457	N/A	N/A	37.162	AV

Site: AC5	Time: 2014/07/11 - 14:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1	



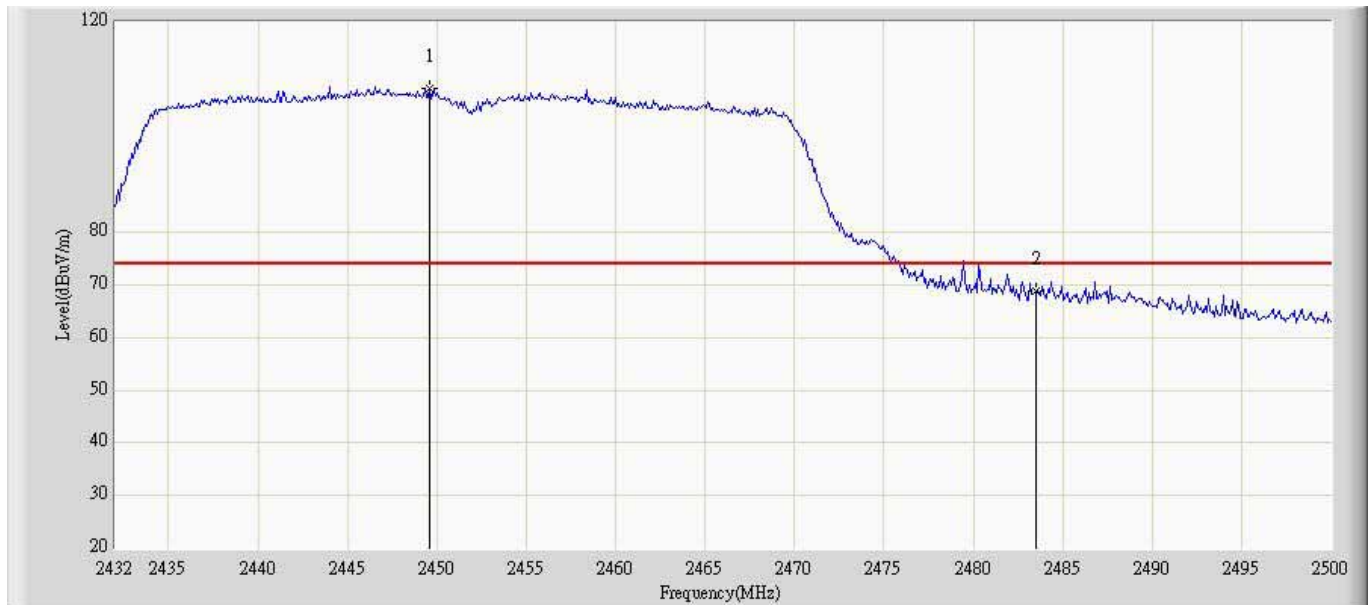
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	65.080	27.433	-8.920	74.000	37.648	PK
2		*	2417.910	103.745	65.848	N/A	N/A	37.897	PK

Site: AC5	Time: 2014/07/11 - 14:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1	



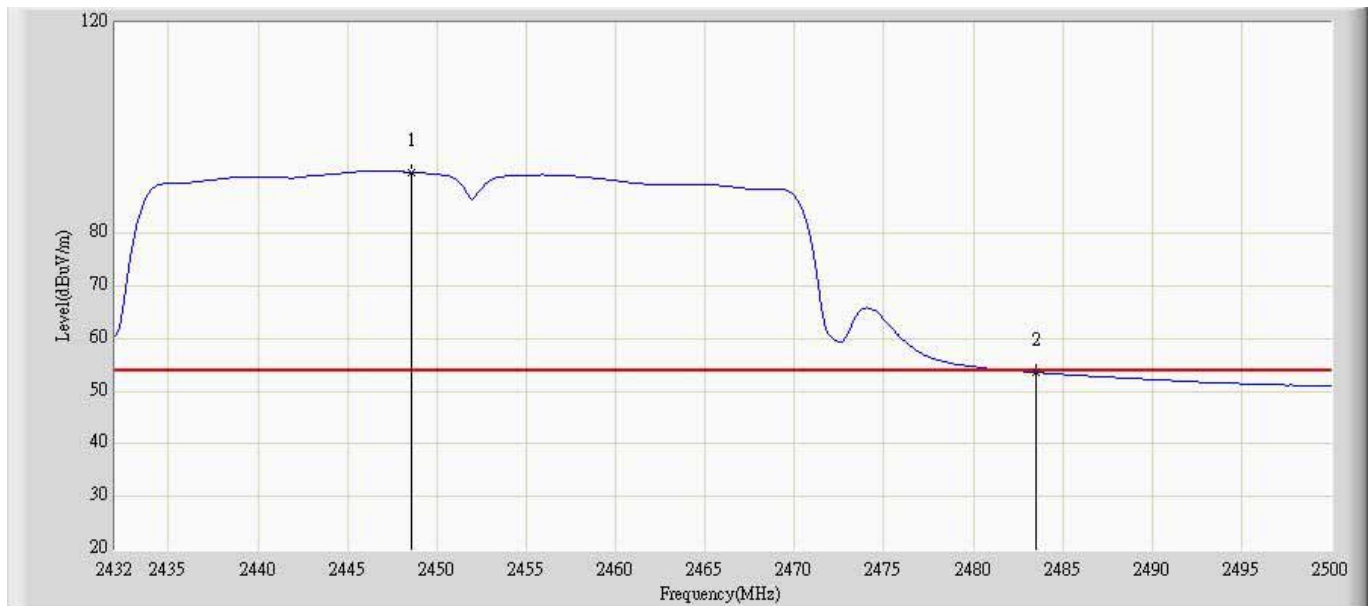
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.175	14.528	-1.825	54.000	37.648	AV
2		*	2418.405	89.505	51.604	N/A	N/A	37.901	AV

Site: AC5	Time: 2014/07/11 - 14:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1	



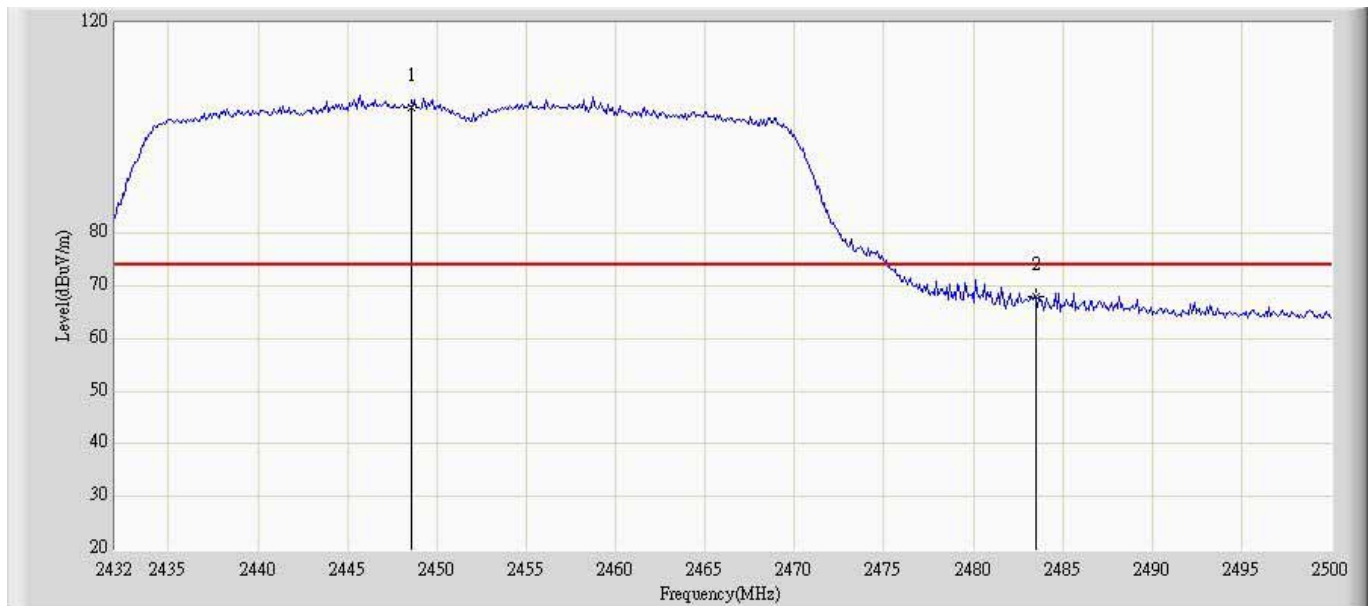
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2449.595	107.485	70.208	N/A	N/A	37.277	PK
2			2483.500	68.923	31.482	-5.077	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 14:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1	



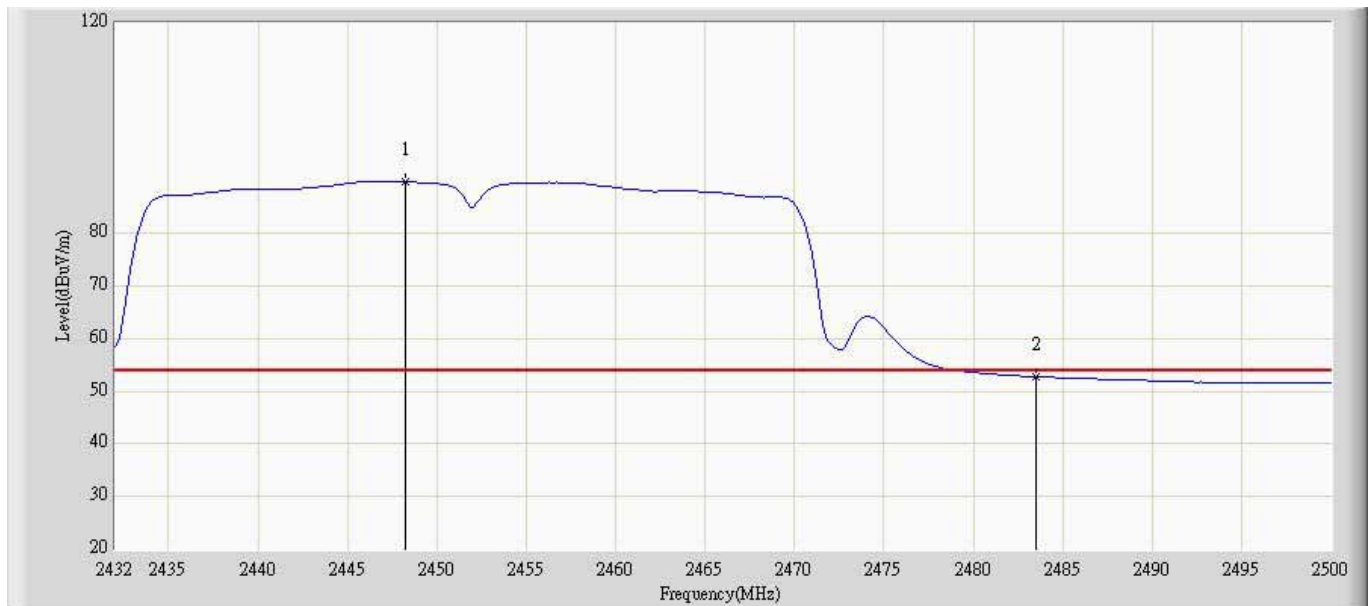
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2448.575	91.607	54.335	N/A	N/A	37.272	AV
2			2483.500	53.602	16.161	-0.398	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 15:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1	



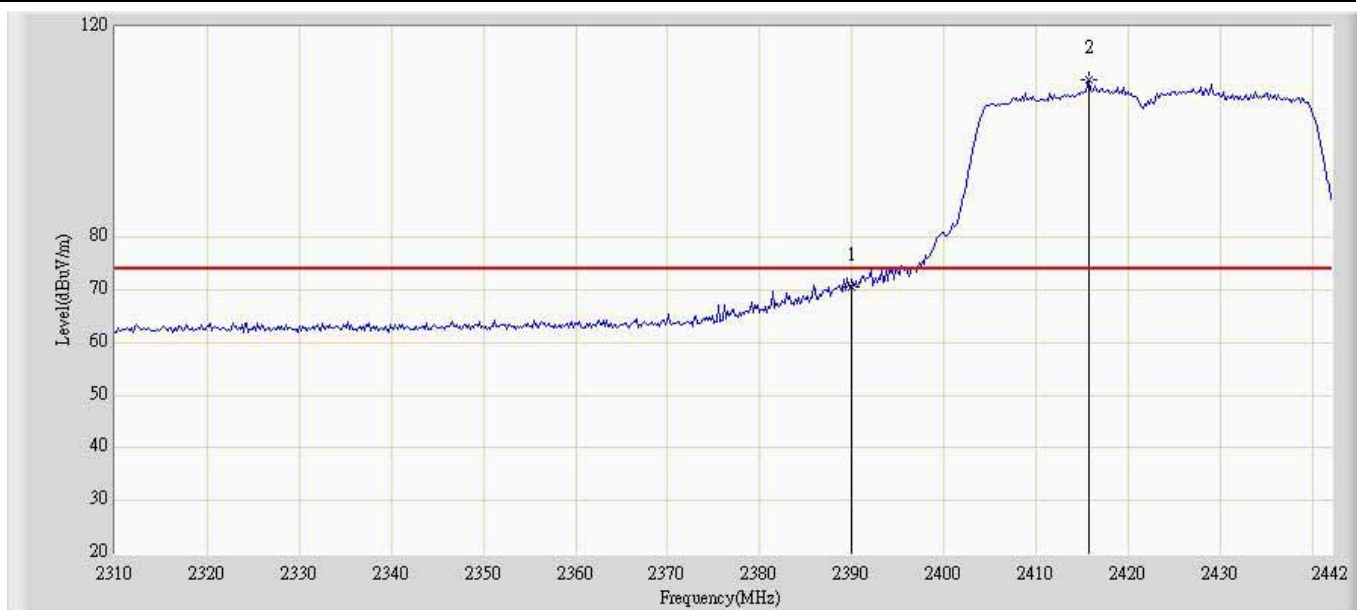
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2448.575	103.819	65.652	N/A	N/A	38.166	PK
2			2483.500	67.929	29.454	-6.071	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 15:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1	



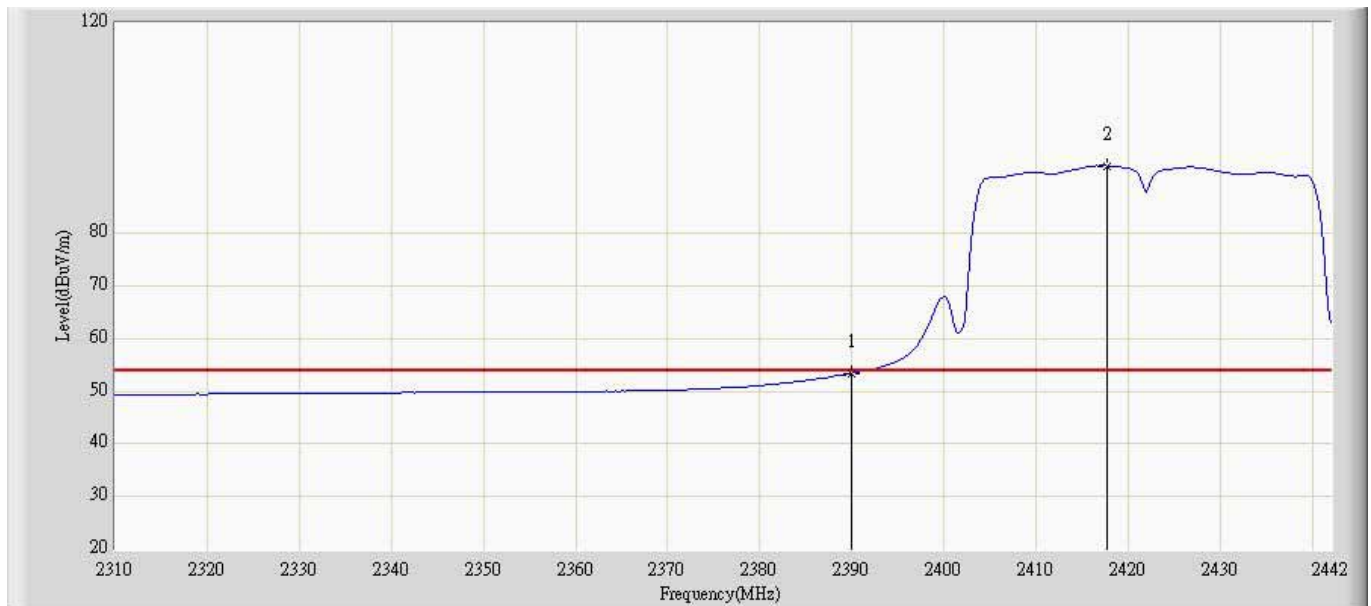
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2448.235	89.815	51.651	N/A	N/A	38.164	AV
2			2483.500	52.774	14.299	-1.226	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 15:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 2	



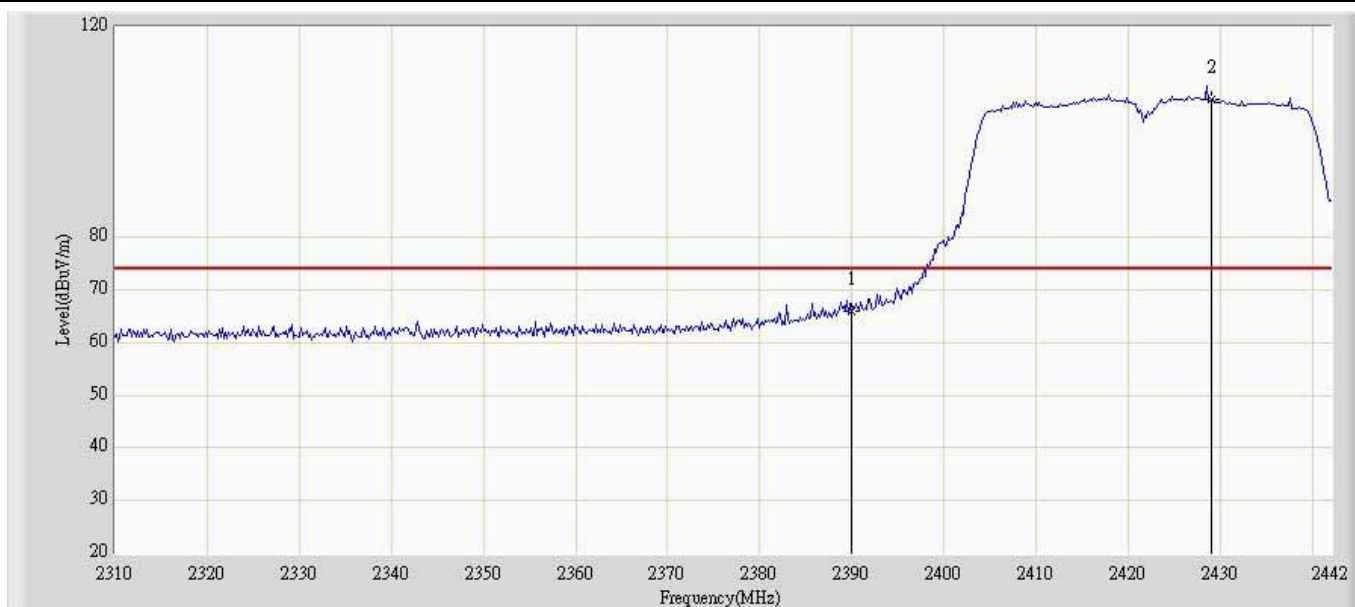
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	70.485	33.498	-3.515	74.000	36.988	PK
2		*	2415.765	109.979	72.864	N/A	N/A	37.115	PK

Site: AC5	Time: 2014/07/11 - 15:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 2	



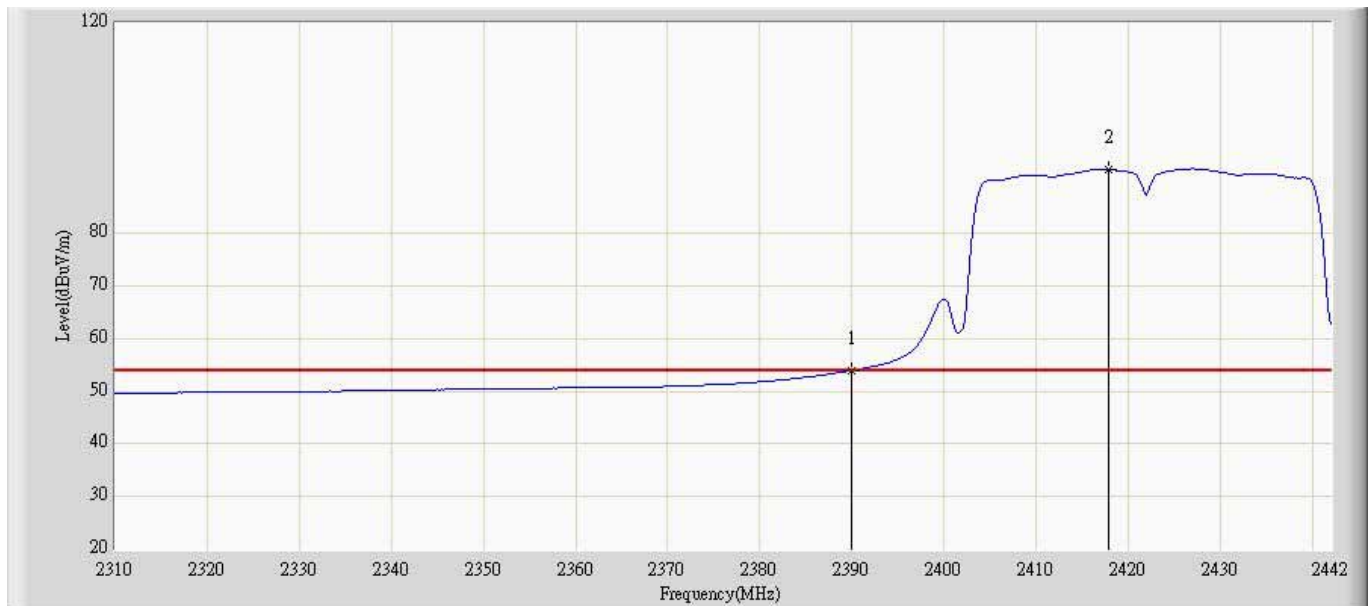
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.426	16.439	-0.574	54.000	36.988	AV
2		*	2417.745	92.833	55.708	N/A	N/A	37.124	AV

Site: AC5	Time: 2014/07/11 - 15:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 2	



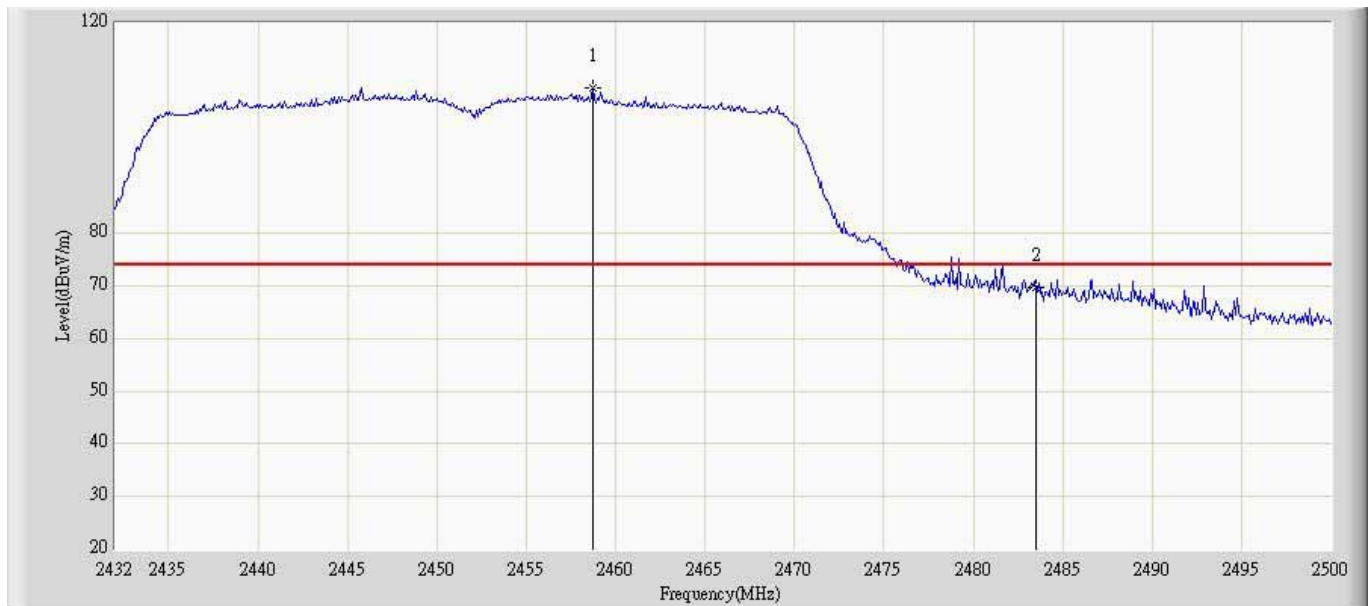
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	65.994	28.347	-8.006	74.000	37.648	PK
2		*	2429.067	106.231	68.236	N/A	N/A	37.995	PK

Site: AC5	Time: 2014/07/11 - 15:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 2	



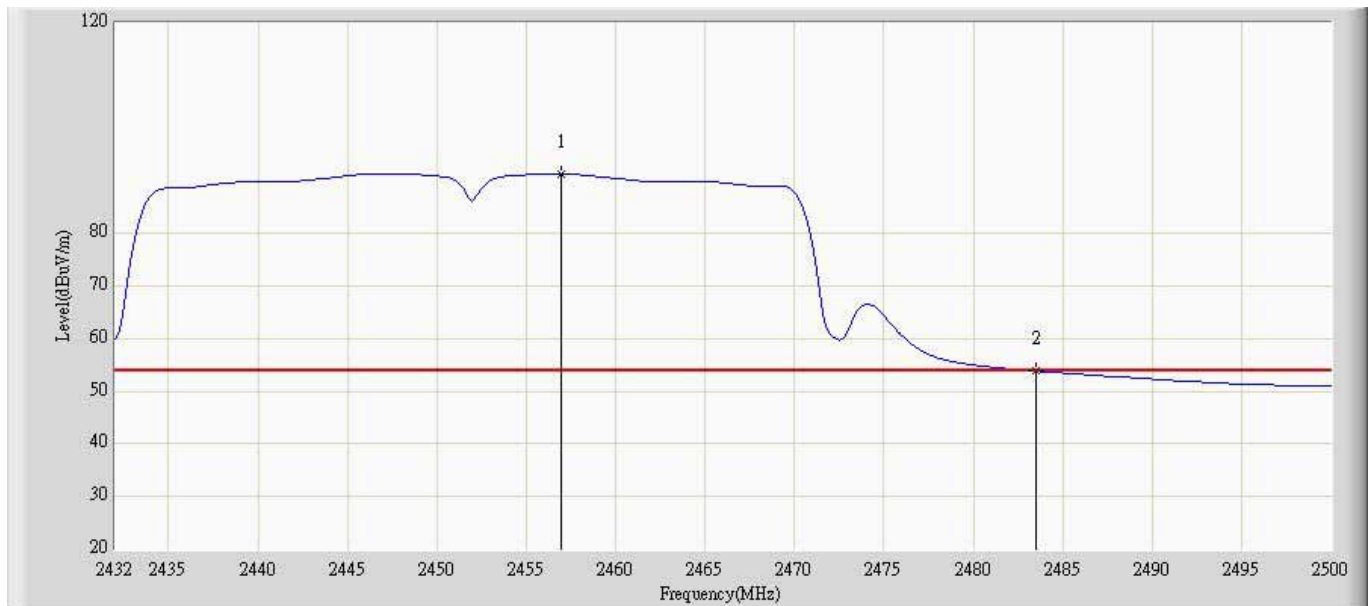
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.961	16.314	-0.039	54.000	37.648	AV
2		*	2417.910	92.088	54.191	N/A	N/A	37.897	AV

Site: AC5	Time: 2014/07/11 - 15:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 2	



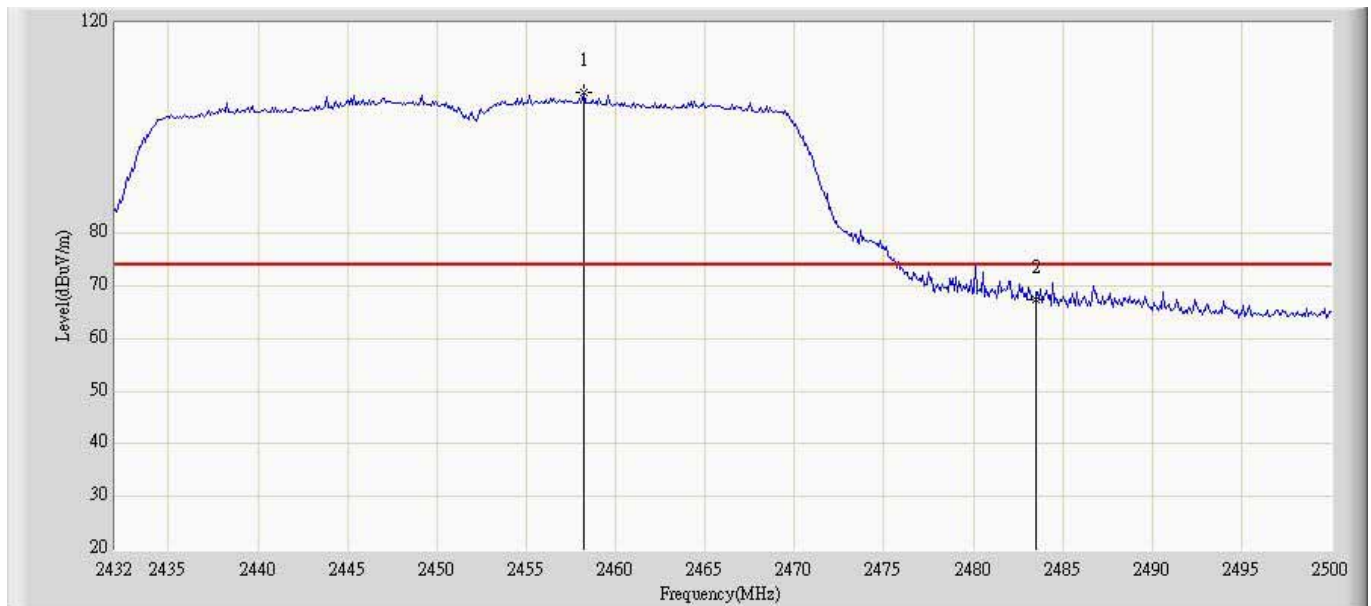
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.690	107.700	70.379	N/A	N/A	37.321	PK
2			2483.500	69.696	32.255	-4.304	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 15:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 2	



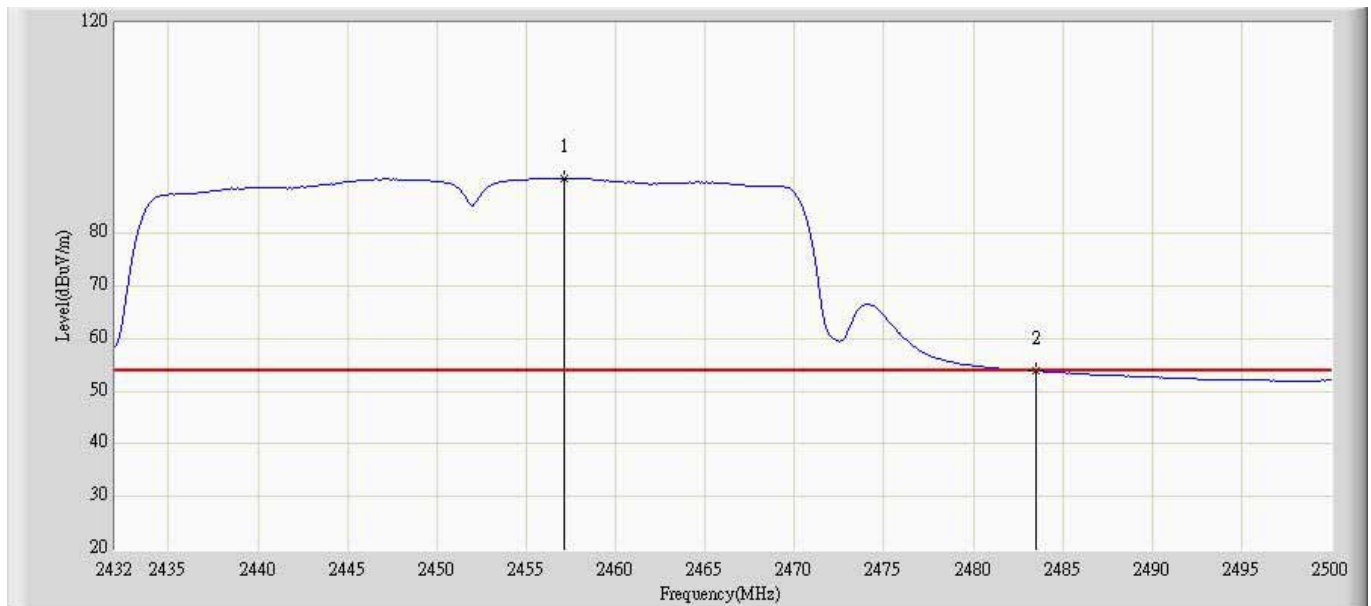
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2456.990	91.301	53.988	N/A	N/A	37.313	AV
2			2483.500	53.861	16.420	-0.139	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 15:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 2	



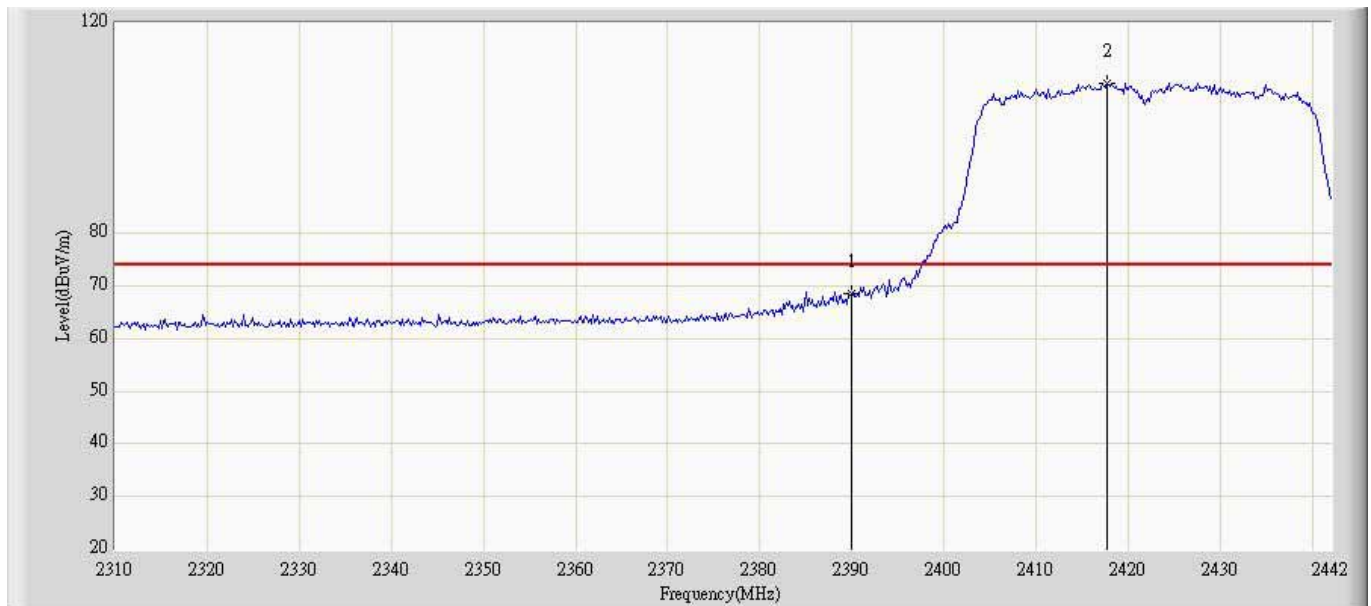
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.180	106.733	68.482	N/A	N/A	38.251	PK
2			2483.500	67.303	28.828	-6.697	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 15:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 2	



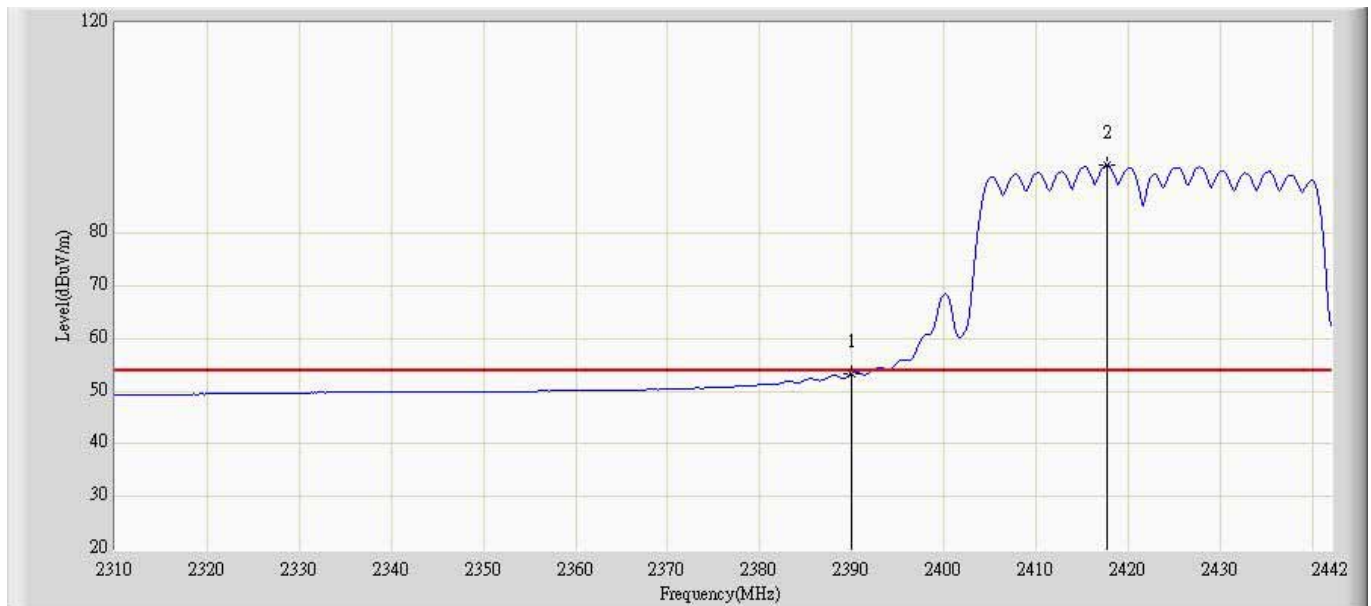
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2457.160	90.388	52.146	N/A	N/A	38.242	AV
2			2483.500	53.809	15.334	-0.191	54.000	38.475	AV

Site: AC5	Time: 2014/07/11 - 15:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1+2	



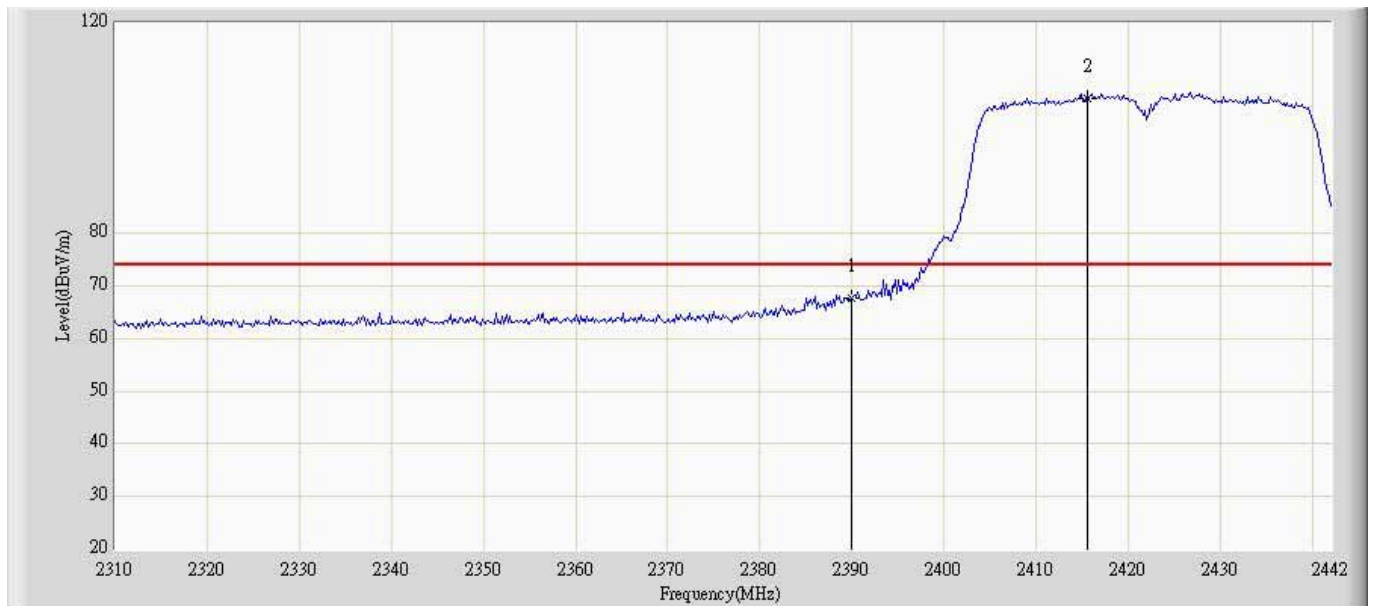
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	68.588	31.601	-5.412	74.000	36.988	PK
2		*	2417.745	108.589	71.464	N/A	N/A	37.124	PK

Site: AC5	Time: 2014/07/11 - 15:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1+2	



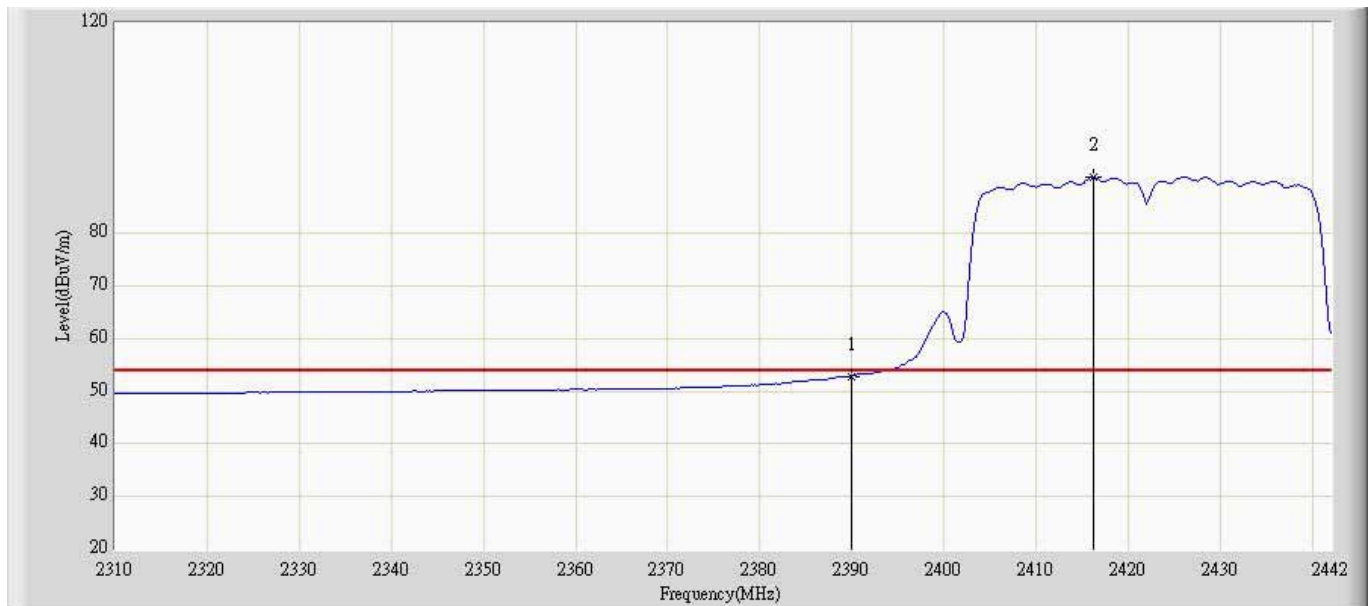
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	53.338	16.351	-0.662	54.000	36.988	AV
2		*	2417.745	93.016	55.891	N/A	N/A	37.124	AV

Site: AC5	Time: 2014/07/11 - 15:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1+2	



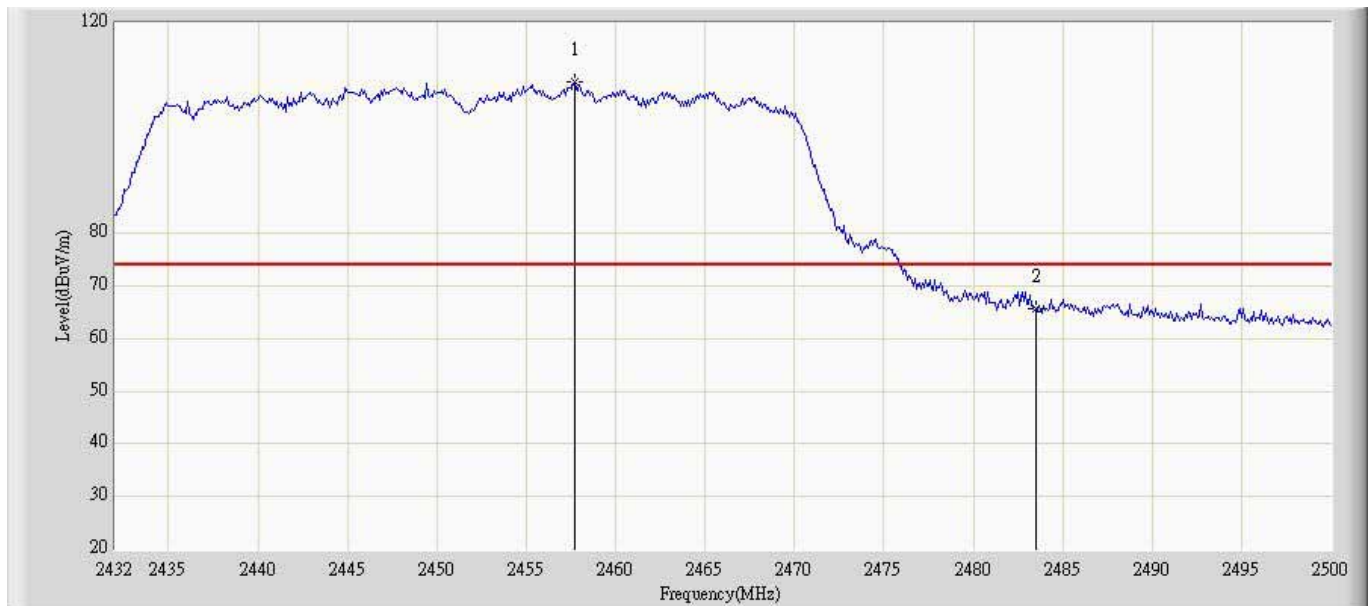
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	67.665	30.018	-6.335	74.000	37.648	PK
2		*	2415.518	105.679	67.803	N/A	N/A	37.876	PK

Site: AC5	Time: 2014/07/11 - 15:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2422MHz by 802.11n40 Ant 1+2	



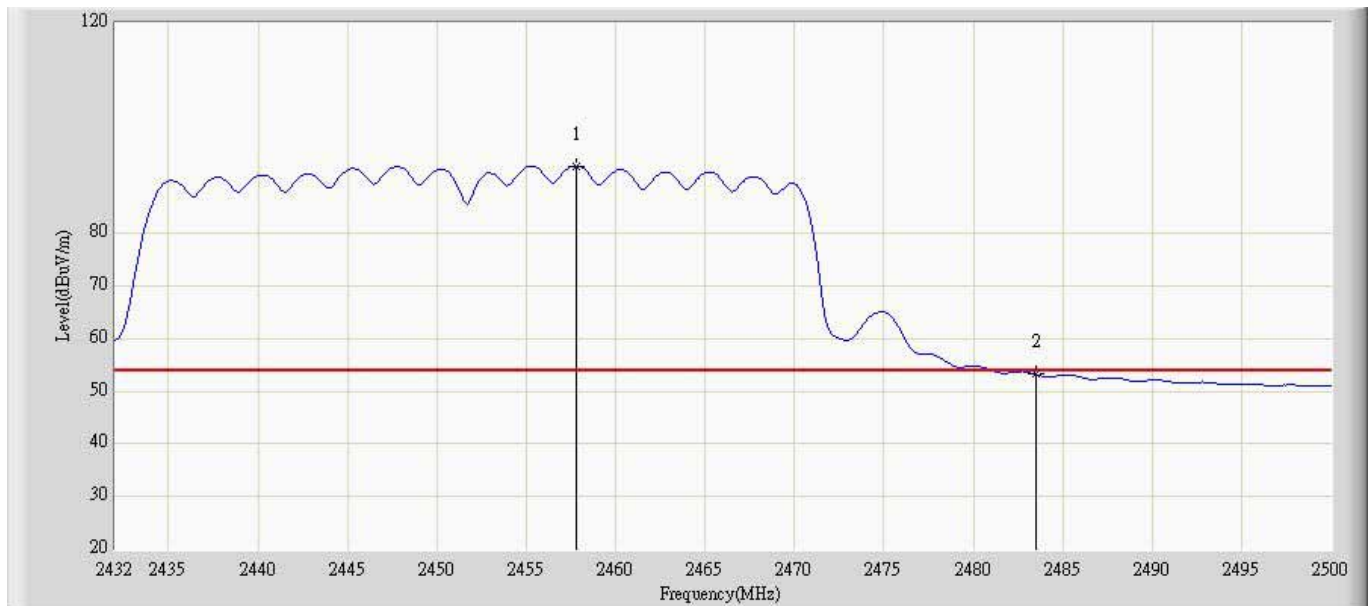
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.894	15.247	-1.106	54.000	37.648	AV
2		*	2416.260	90.626	52.744	N/A	N/A	37.882	AV

Site: AC5	Time: 2014/07/11 - 15:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1+2	



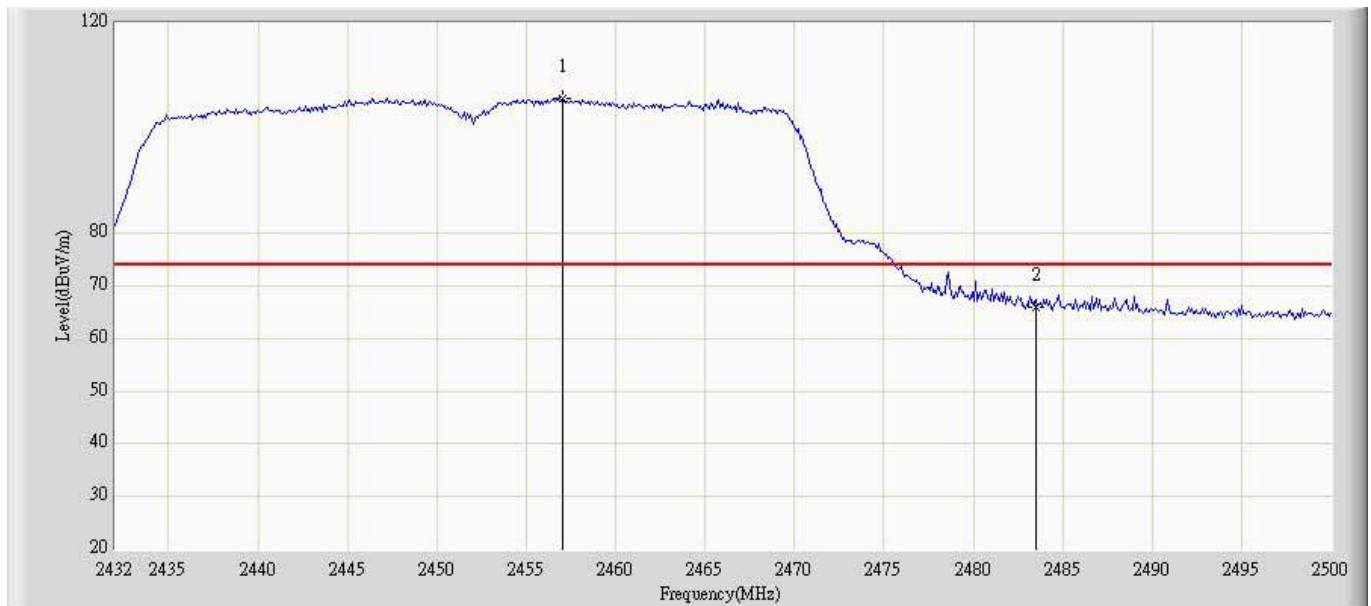
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2457.670	108.751	71.435	N/A	N/A	37.316	PK
2			2483.500	65.673	28.232	-8.327	74.000	37.441	PK

Site: AC5	Time: 2014/07/11 - 15:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1+2	



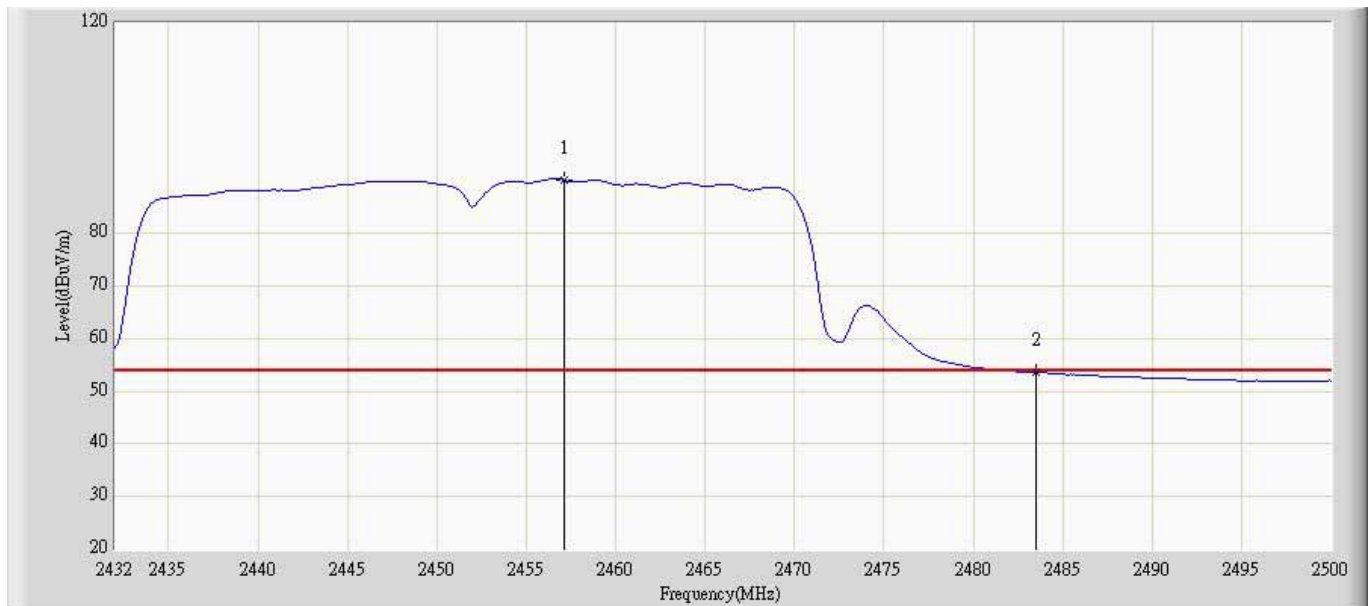
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2457.755	92.794	55.477	N/A	N/A	37.317	AV
2			2483.500	53.198	15.757	-0.802	54.000	37.441	AV

Site: AC5	Time: 2014/07/11 - 15:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2457.064	105.516	67.275	N/A	N/A	38.242	PK
2			2483.500	65.894	27.419	-8.106	74.000	38.475	PK

Site: AC5	Time: 2014/07/11 - 15:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: Mi Wi-Fi	Power: AC 120V/60Hz
Note: Mode4: Transmit at Channel 2452MHz by 802.11n40 Ant 1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2457.160	90.163	51.921	N/A	N/A	38.242	AV
2			2483.500	53.610	15.135	-0.390	54.000	38.475	AV

7. Operation Frequency Range of 20dB Bandwidth

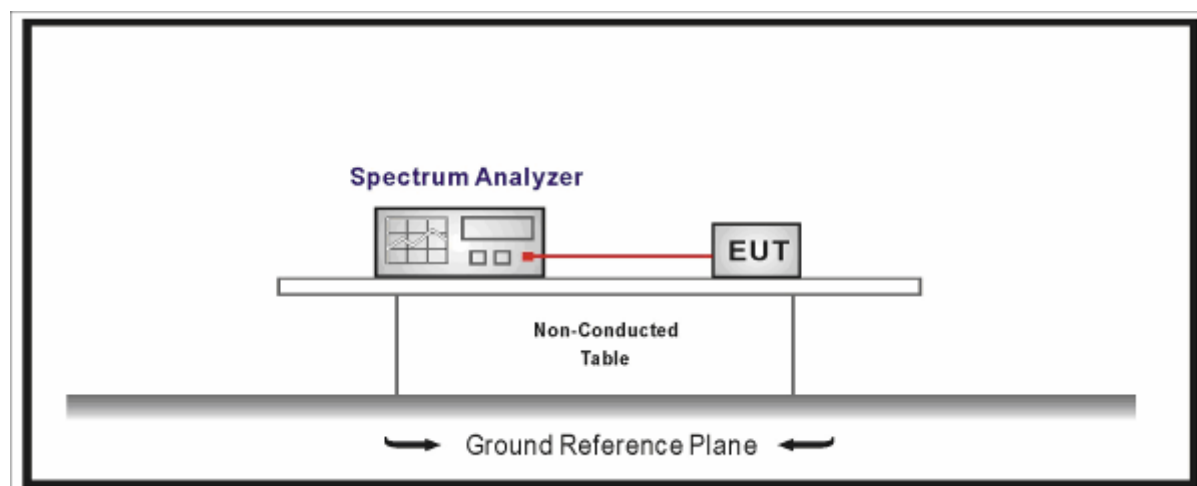
7.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2015.01.07
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2015.04.09

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



7.3. Limit

20 dB bandwidth of the emission is contained within the operation frequency band.

7.4. Test Procedure

The EUT was tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

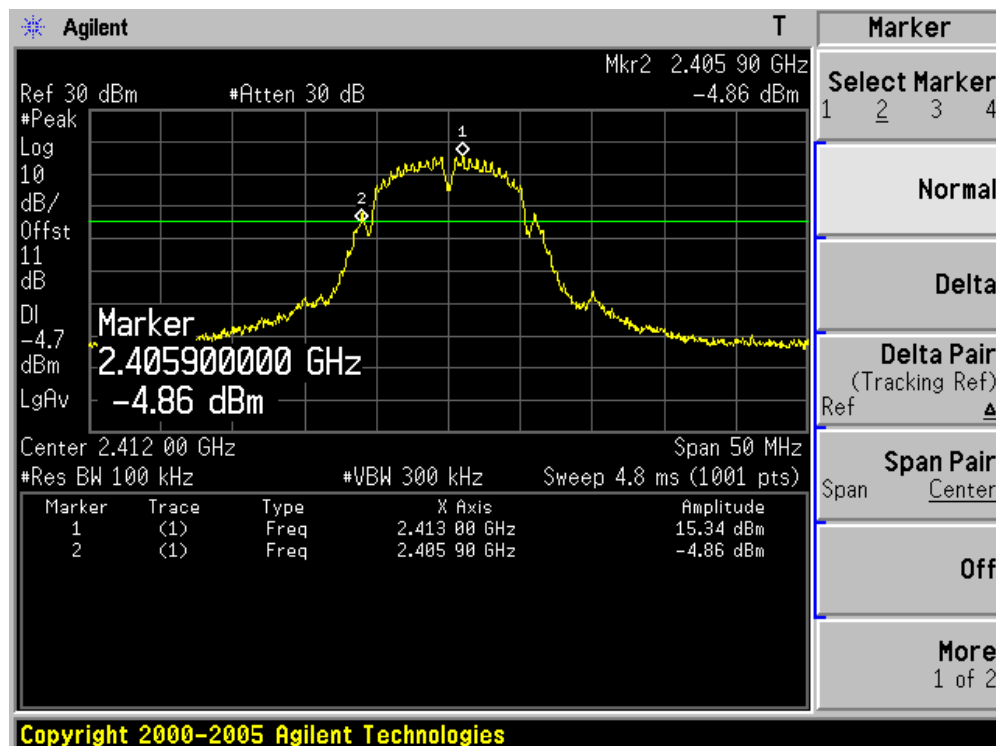
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

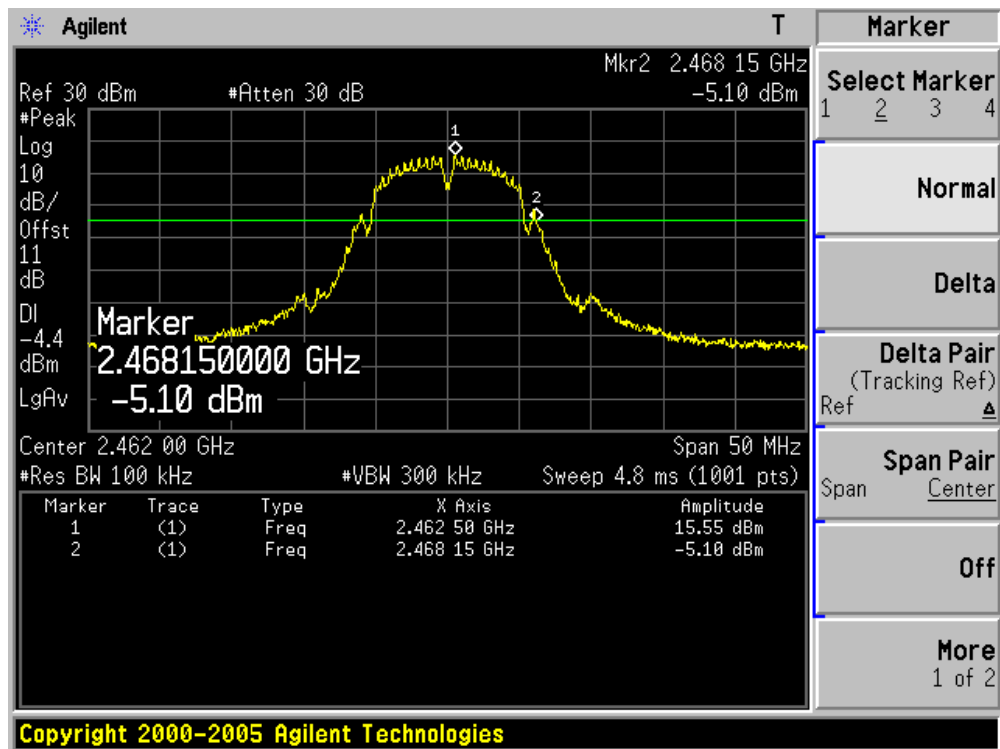
7.6. Test Result

Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 1)

Channel 01 (2412MHz)

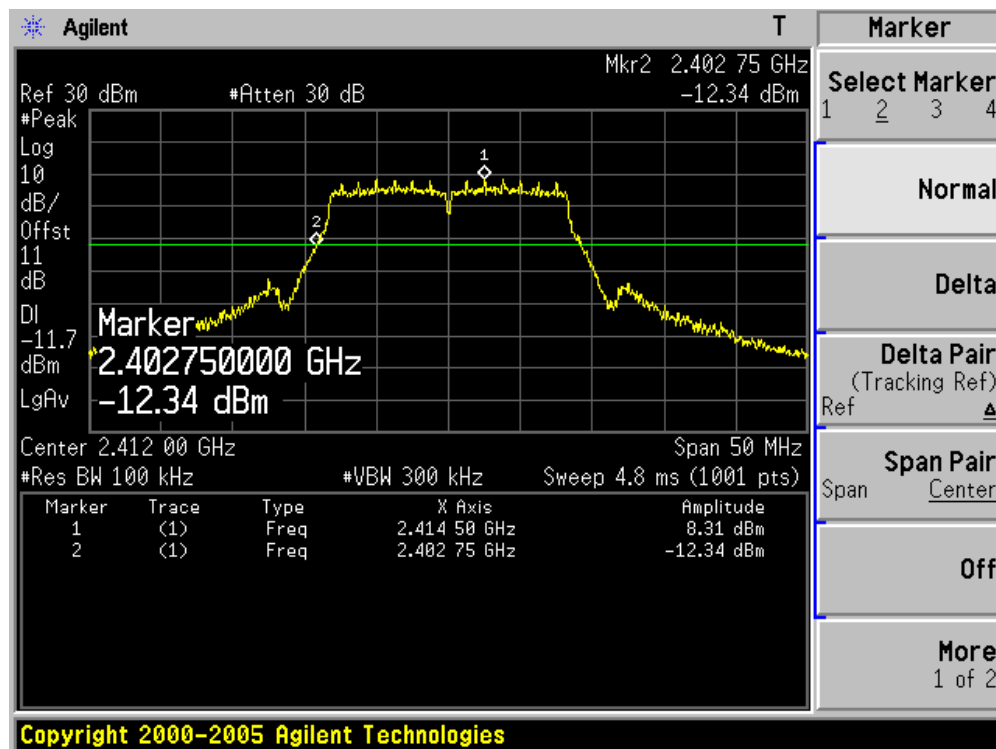


Channel 11 (2462MHz)

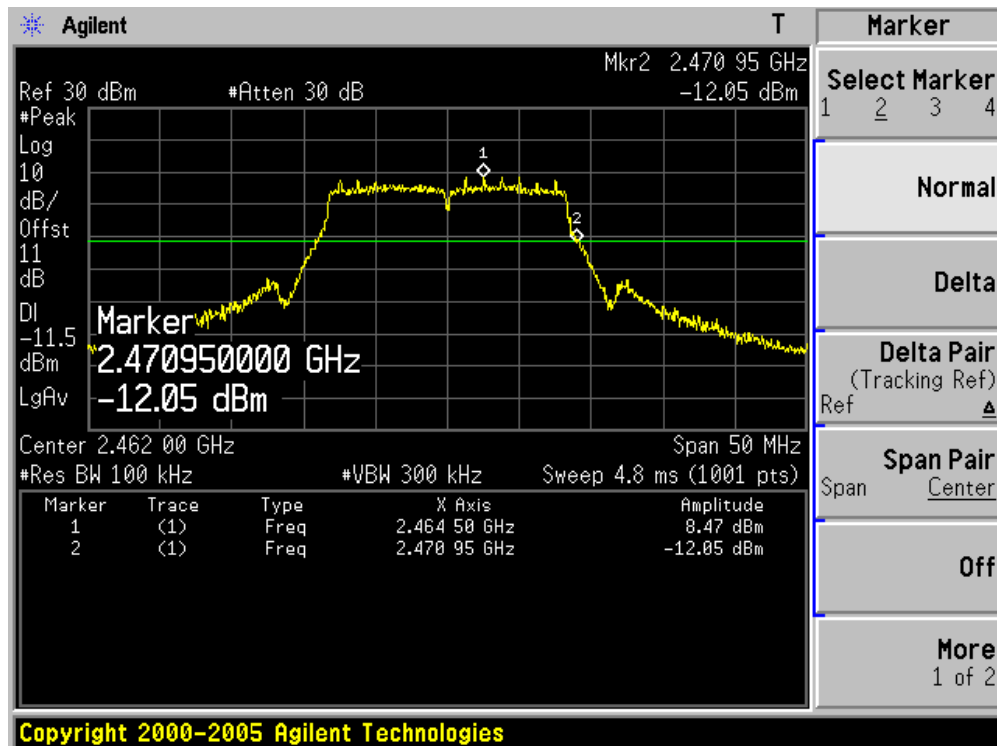


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 1)

Channel 01 (2412MHz)

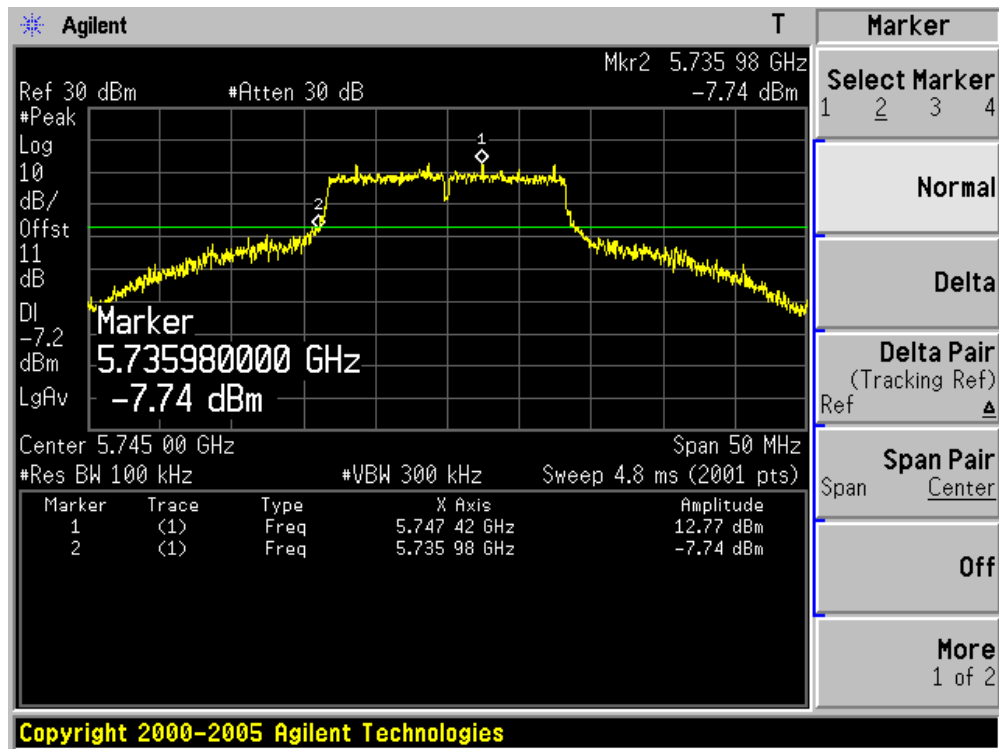


Channel 11 (2462MHz)

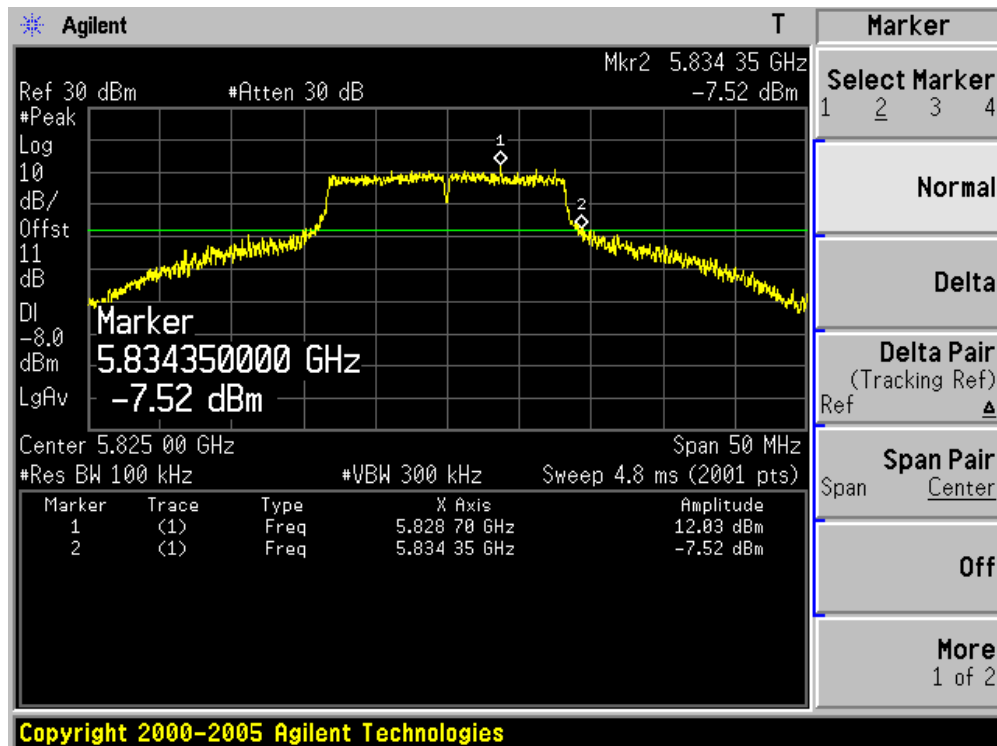


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 1)

Channel 149 (5745MHz)

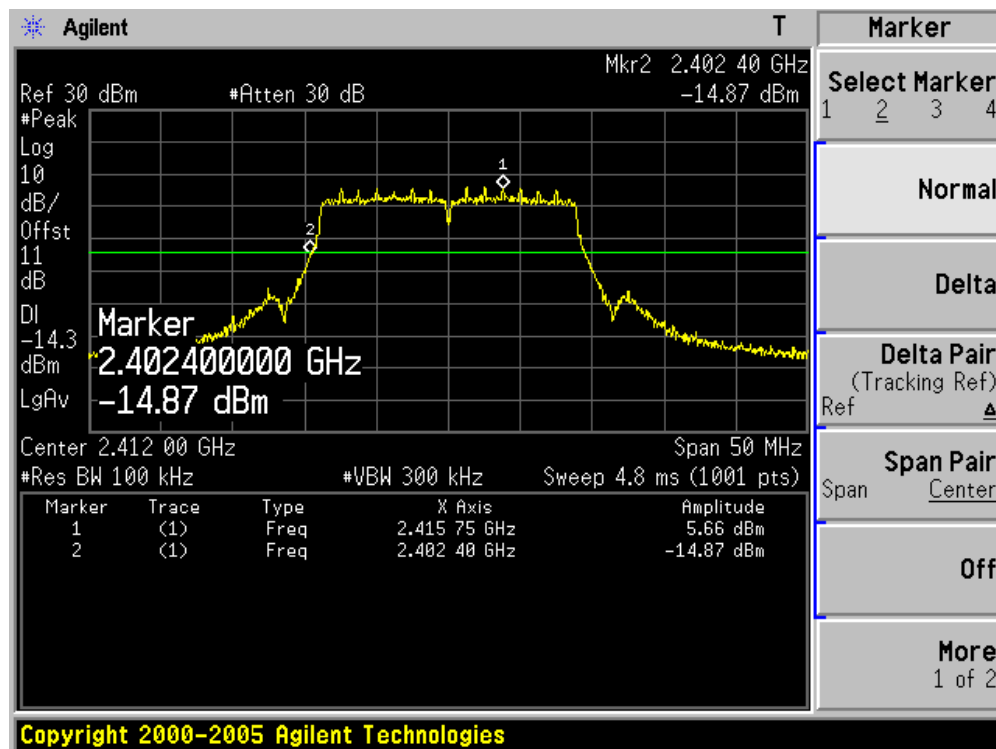


Channel 165 (5825MHz)

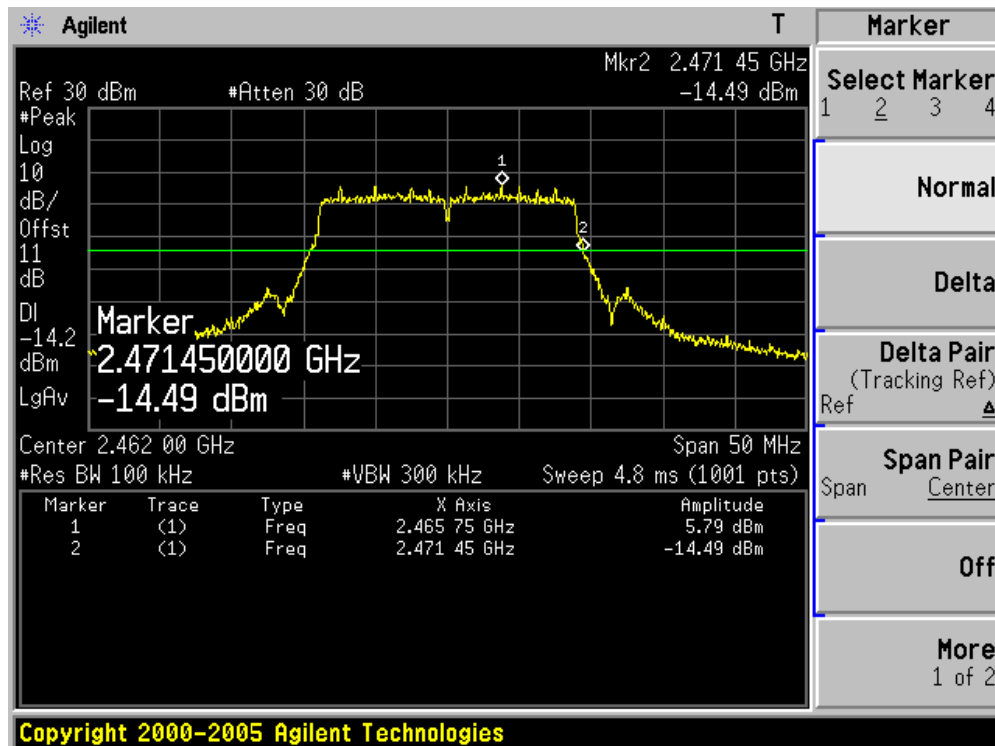


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1)

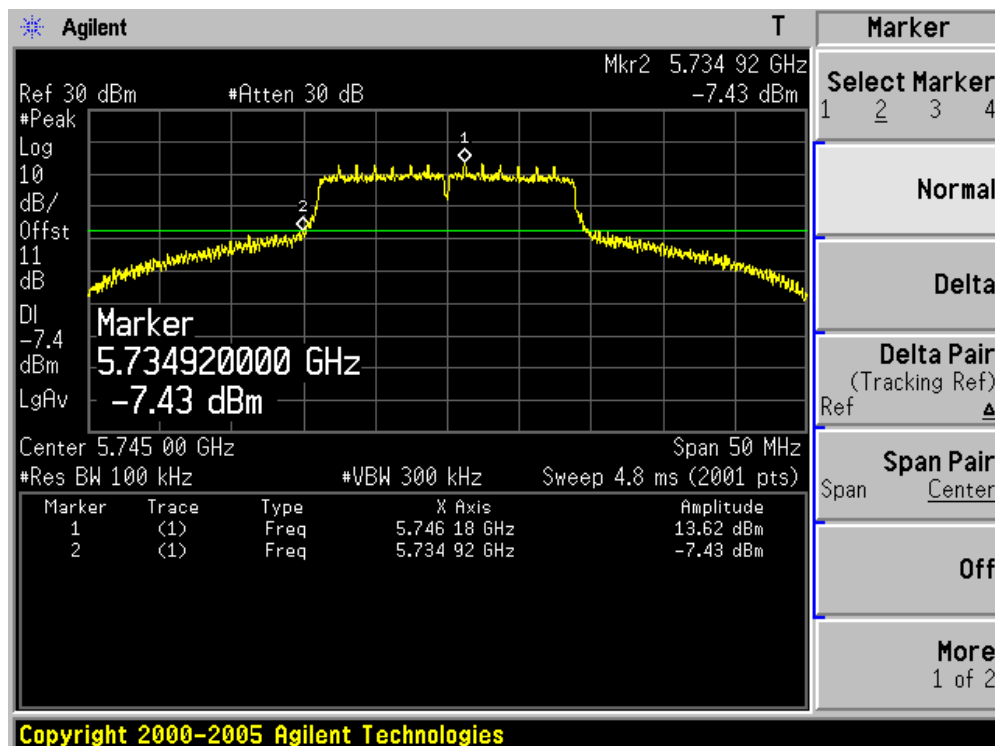
Channel 01 (2412MHz)



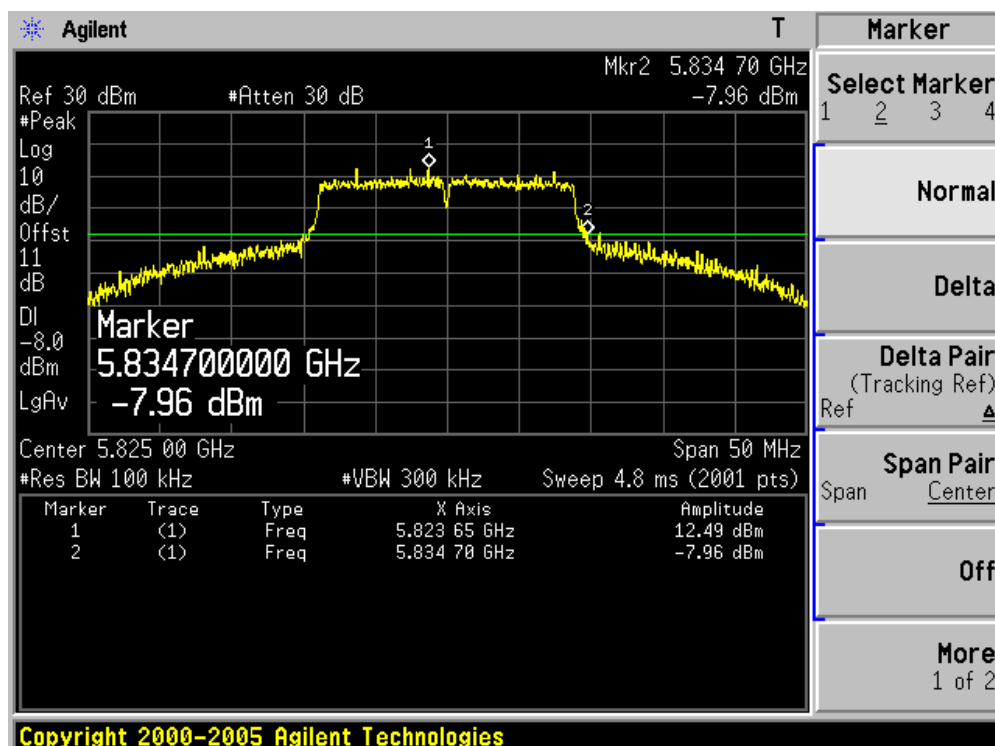
Channel 11 (2462MHz)



Channel 149 (5745MHz)

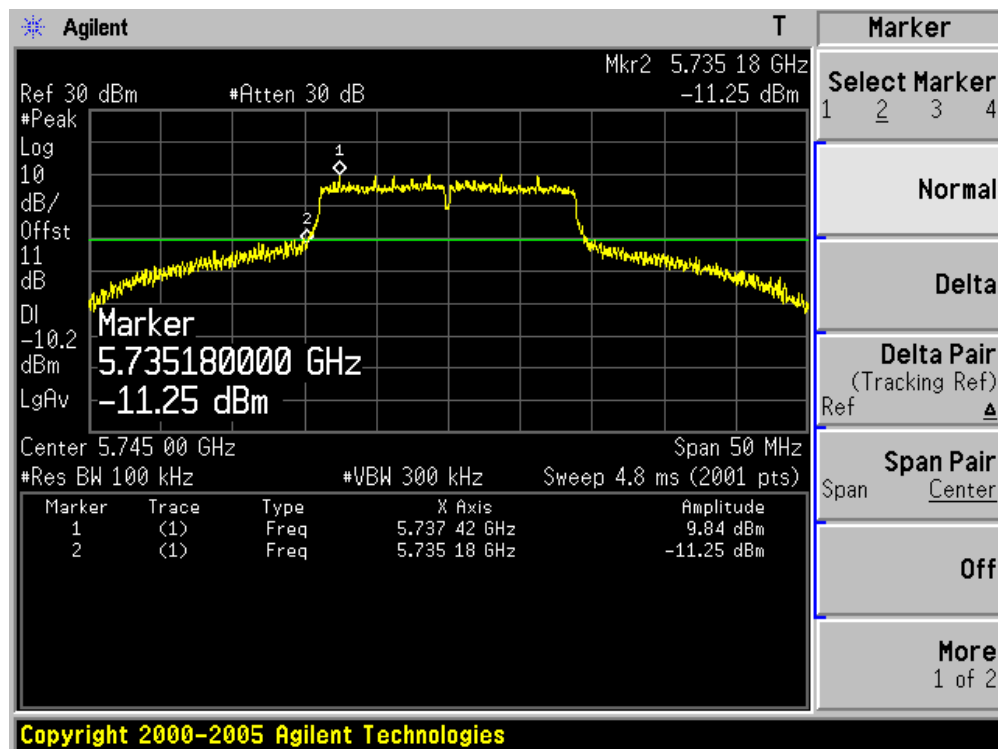


Channel 165 (5825MHz)

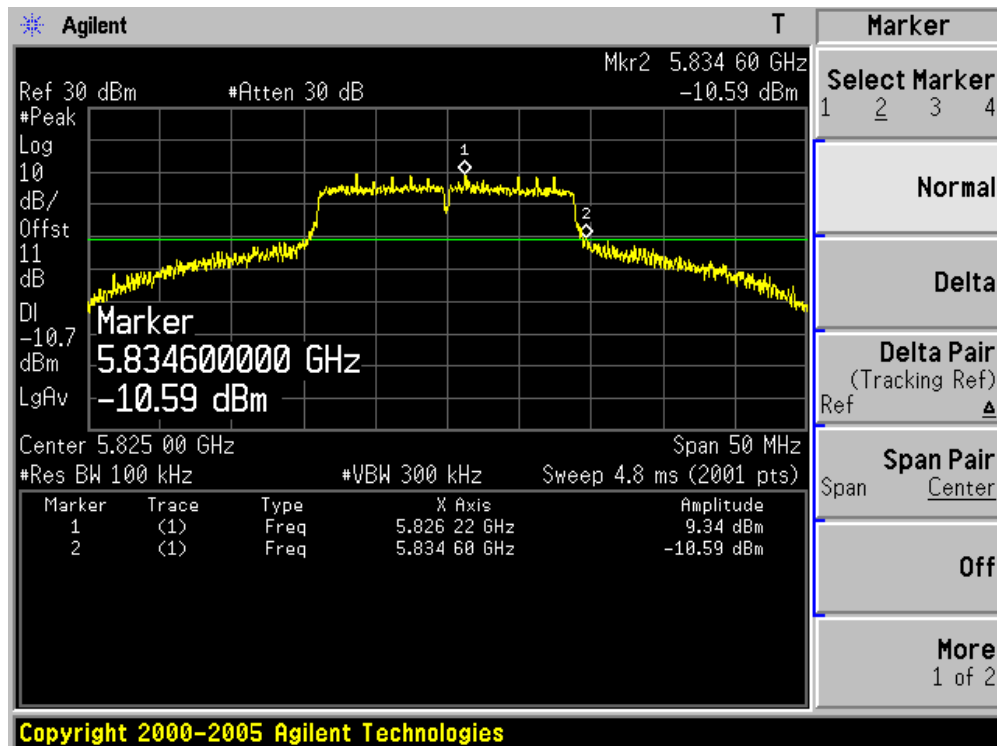


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1)

Channel 149 (5745MHz)

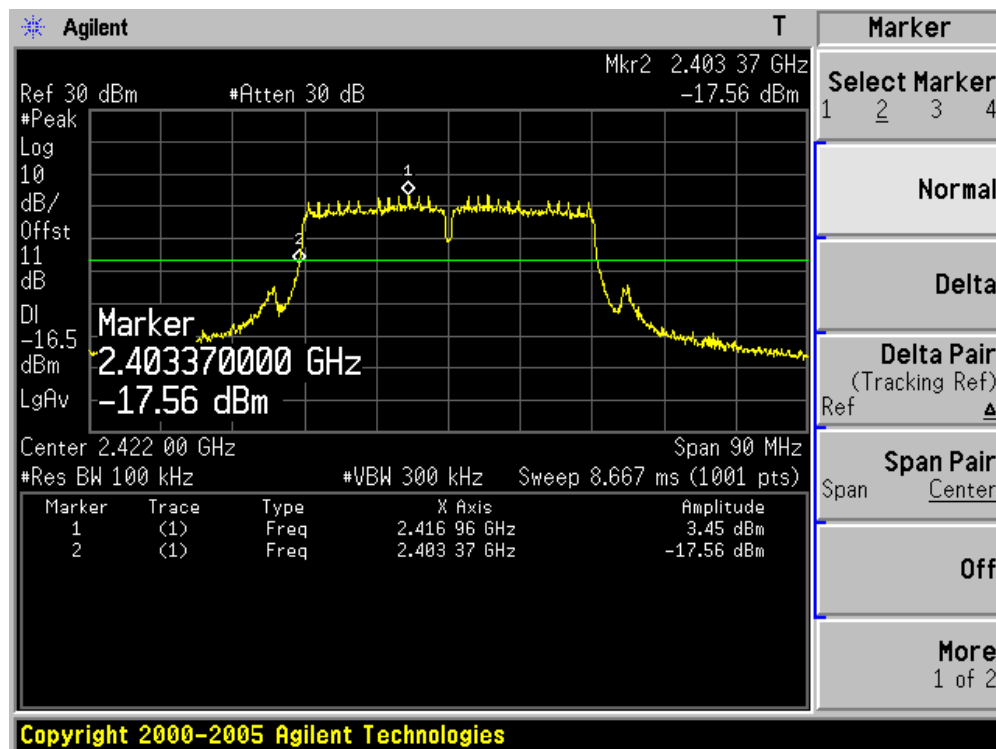


Channel 165 (5825MHz)

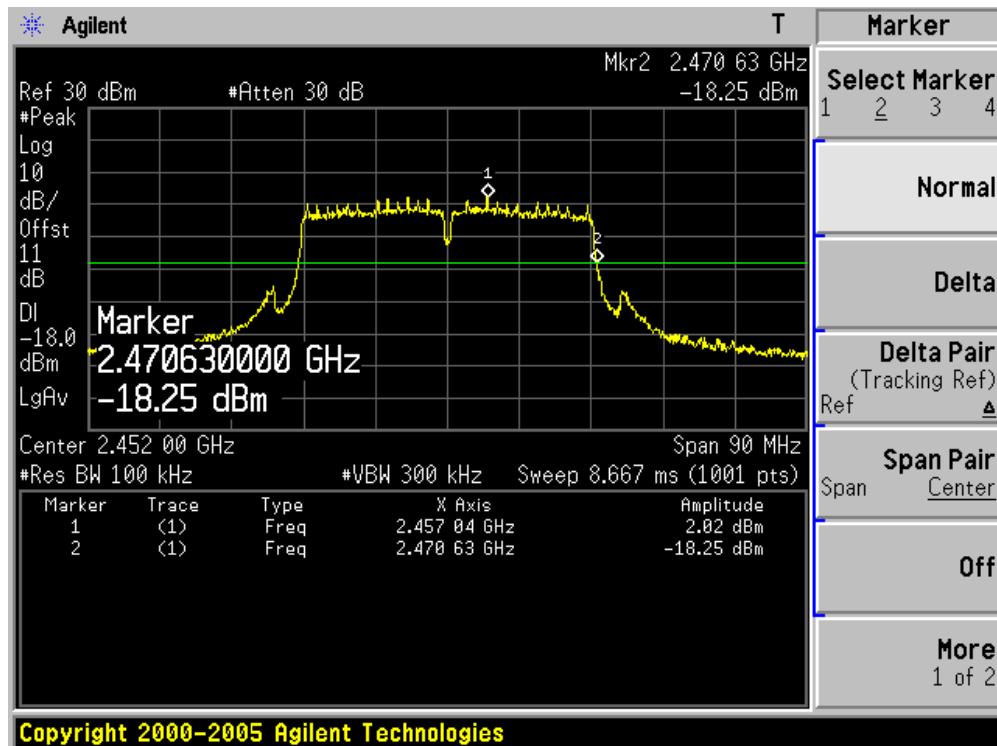


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1)

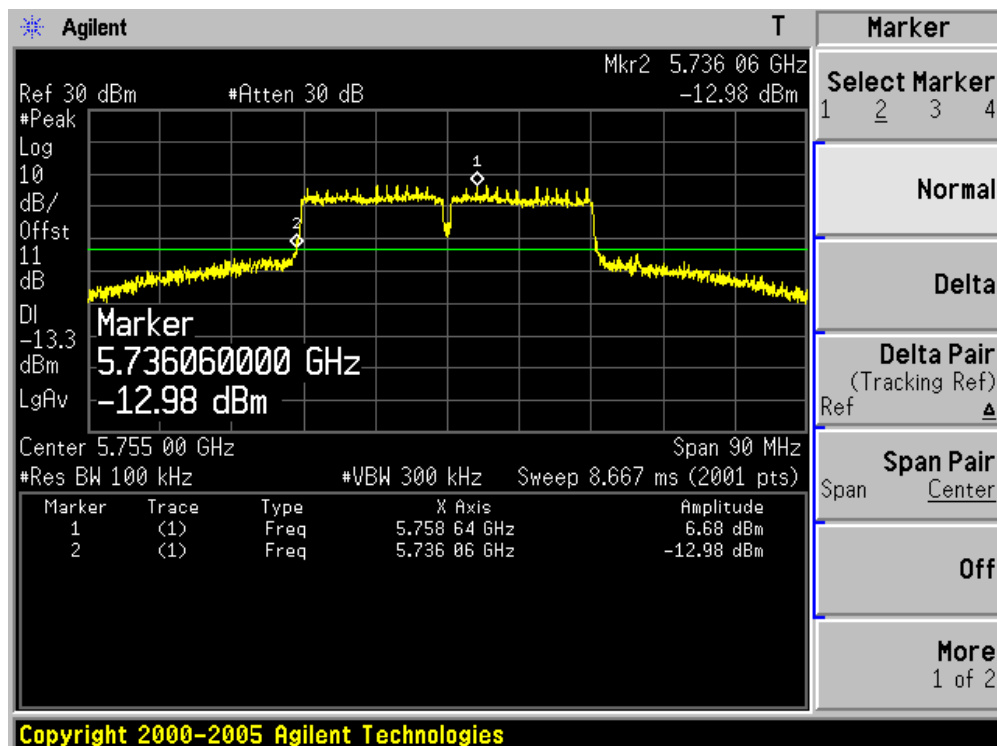
Channel 03 (2422MHz)



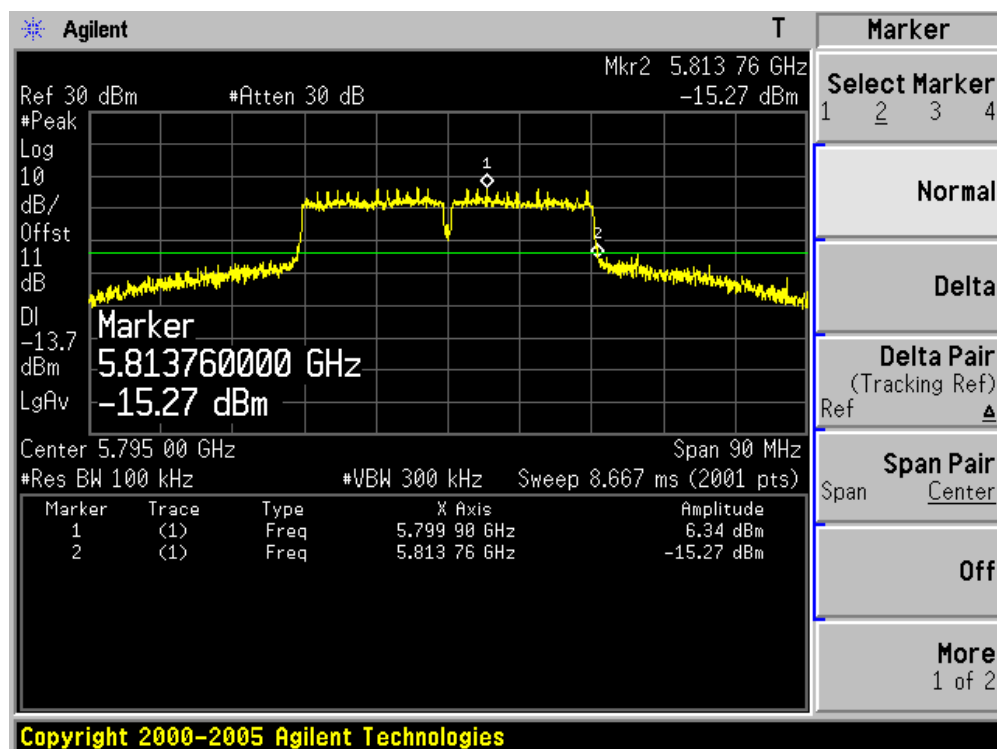
Channel 09 (2452MHz)



Channel 151 (5755MHz)

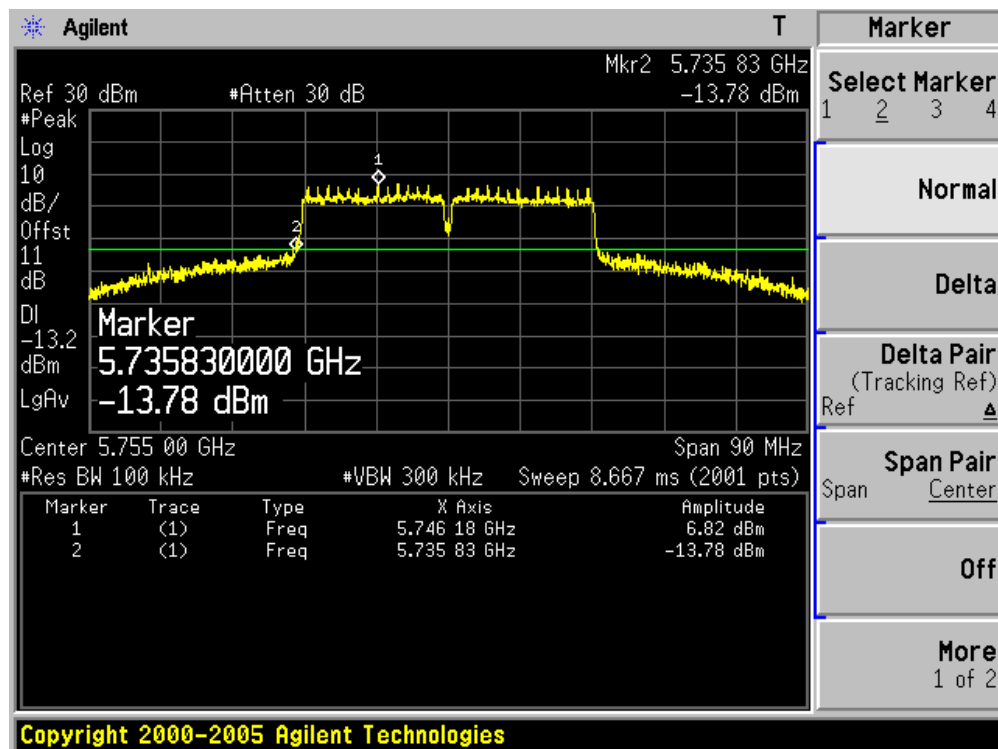


Channel 159 (5795MHz)

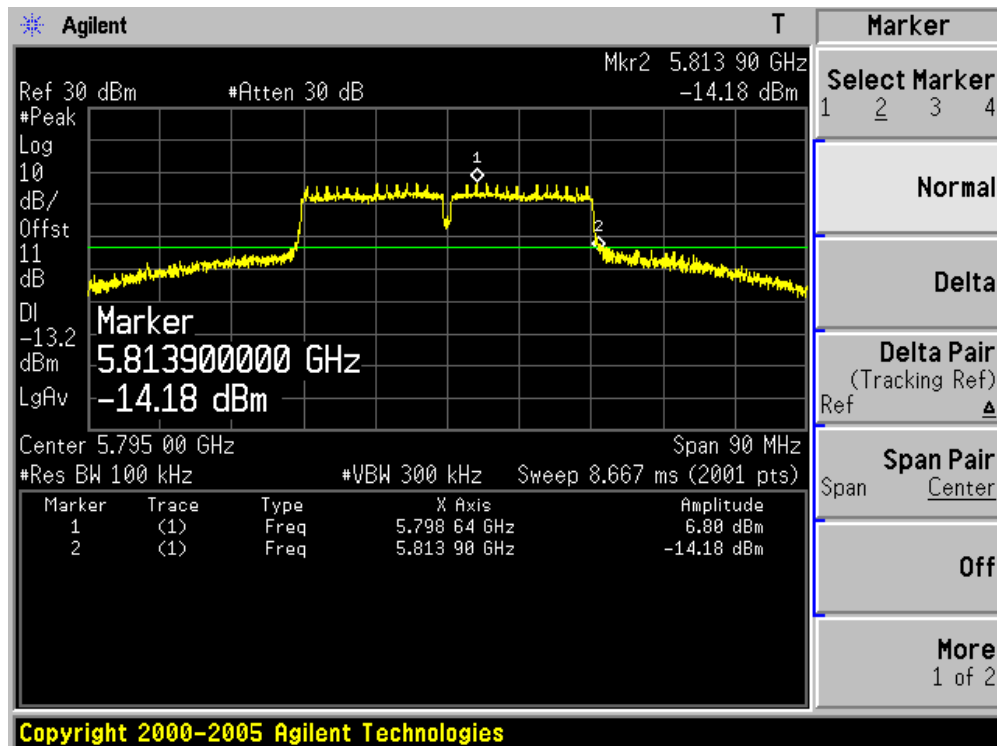


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1)

Channel 151 (5755MHz)

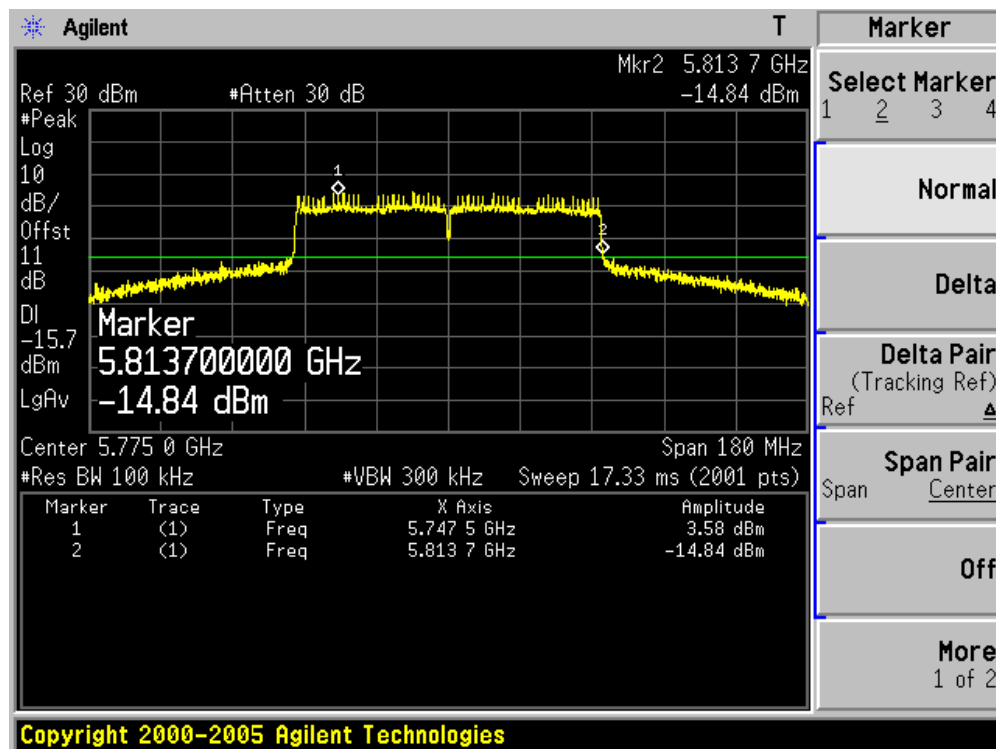


Channel 159 (5795MHz)



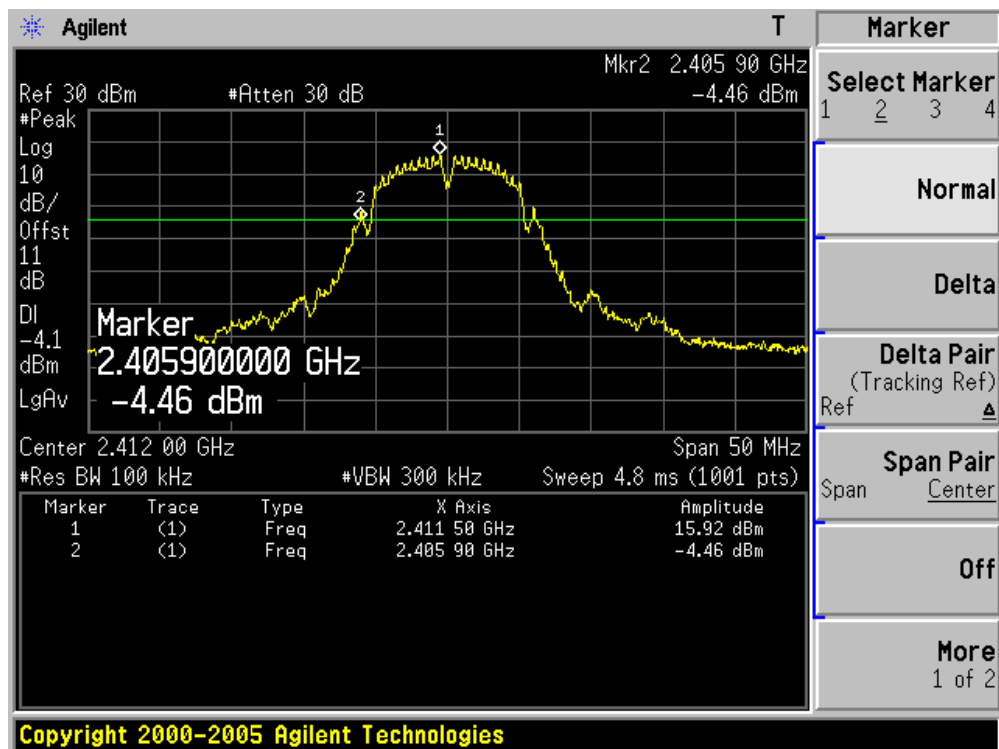
Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 1)

Channel 155 (5755MHz)

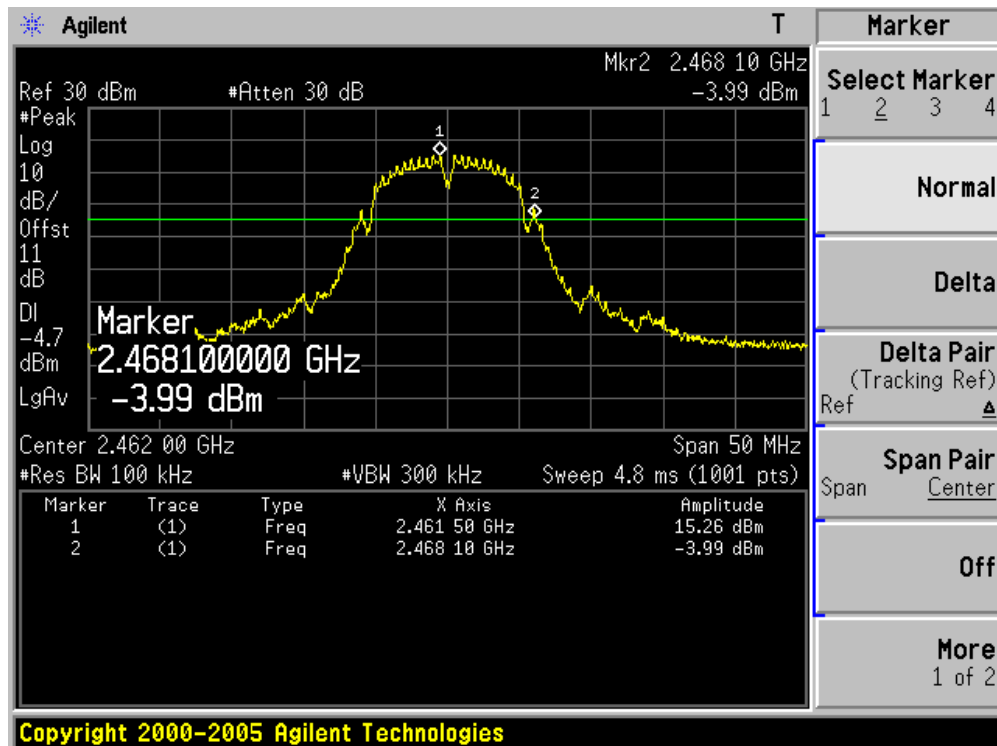


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 2)

Channel 01 (2412MHz)

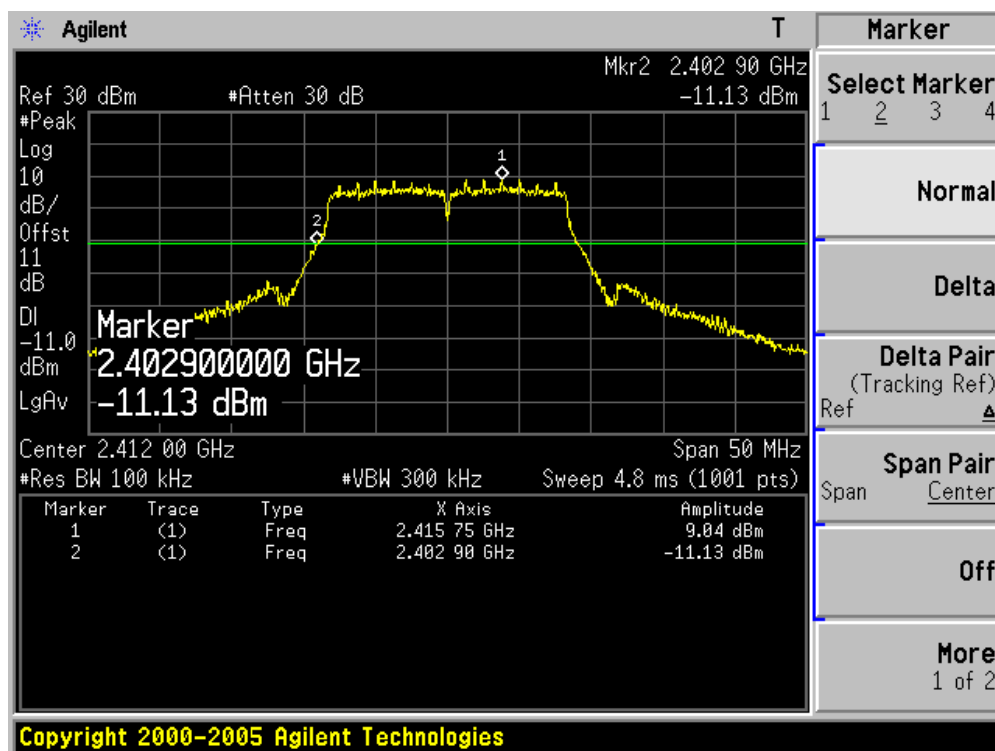


Channel 11 (2462MHz)

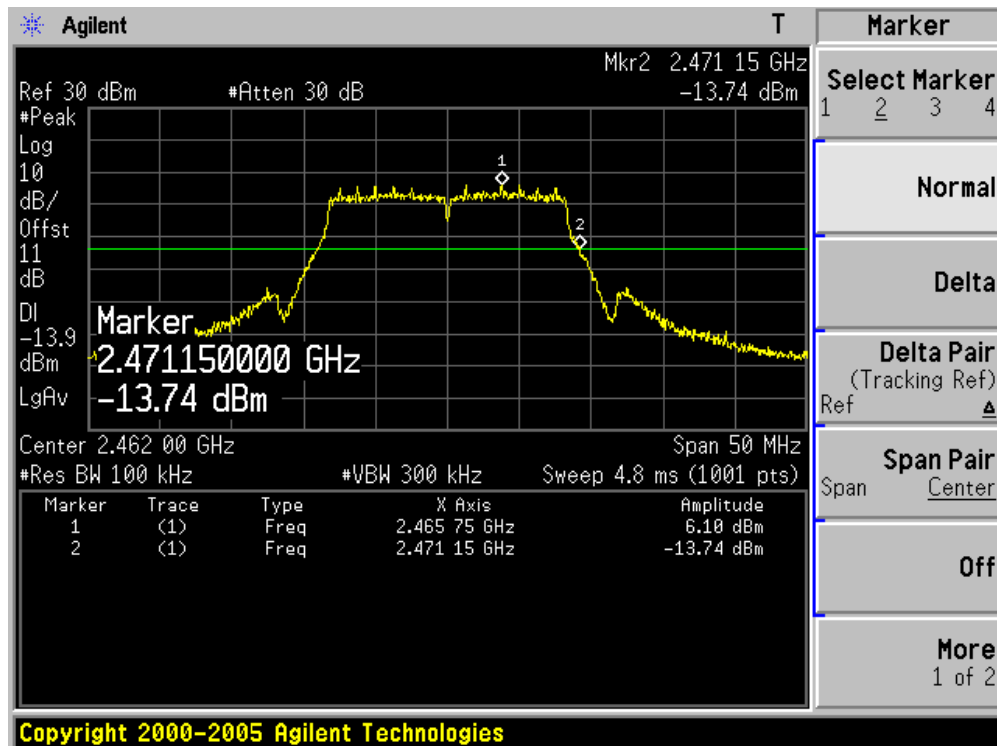


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 2)

Channel 01 (2412MHz)

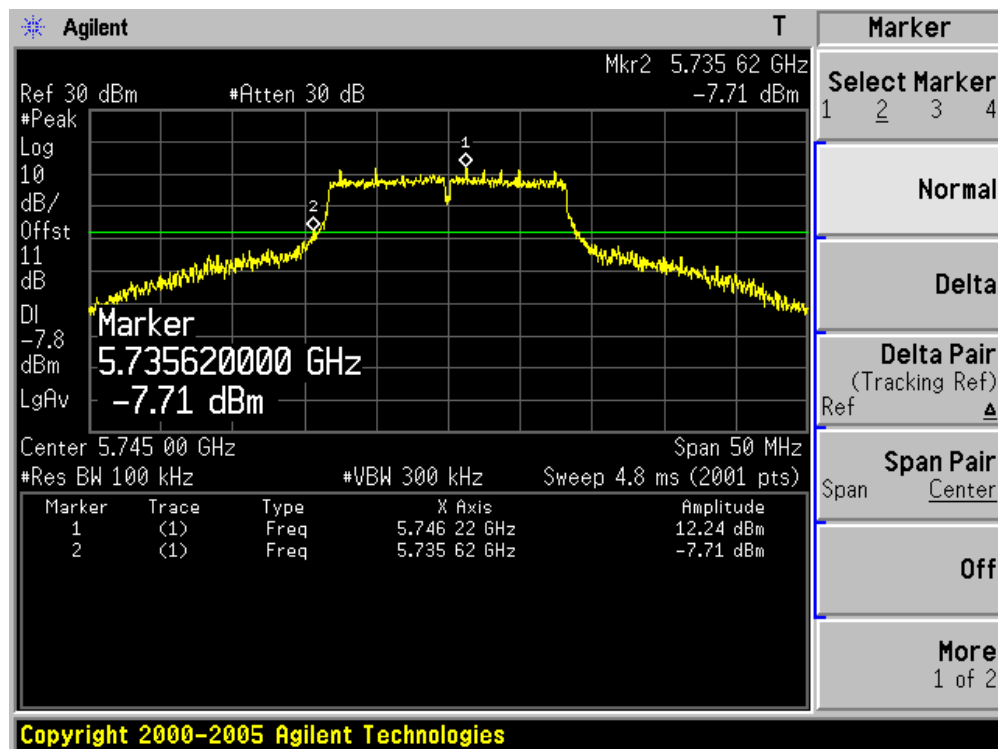


Channel 11 (2462MHz)

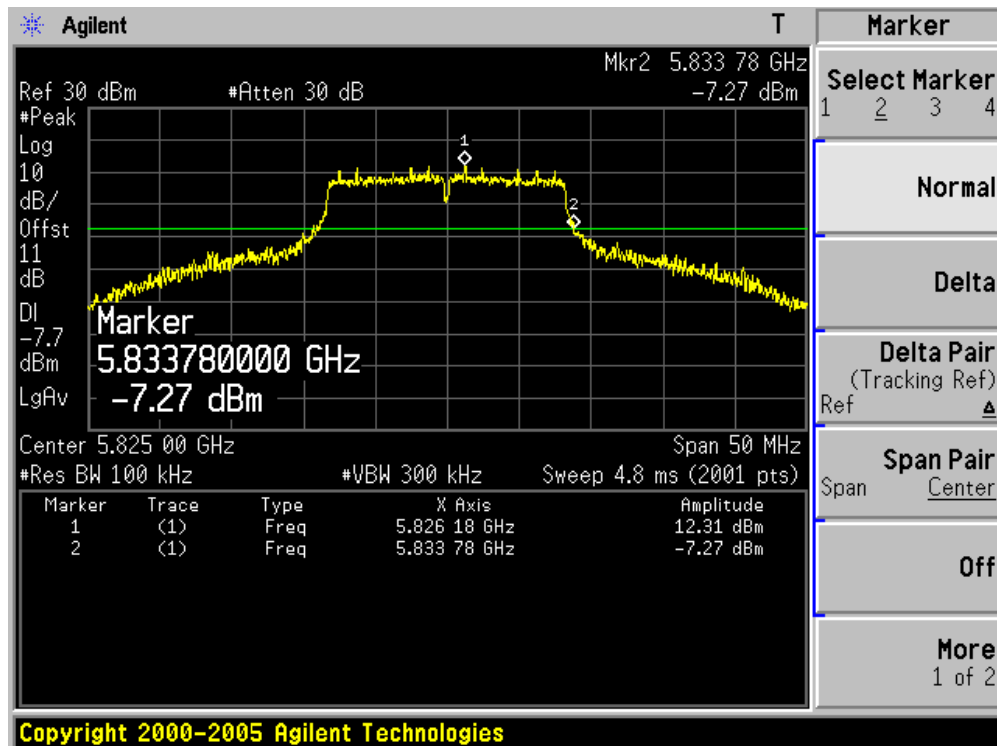


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 2)

Channel 149 (5745MHz)

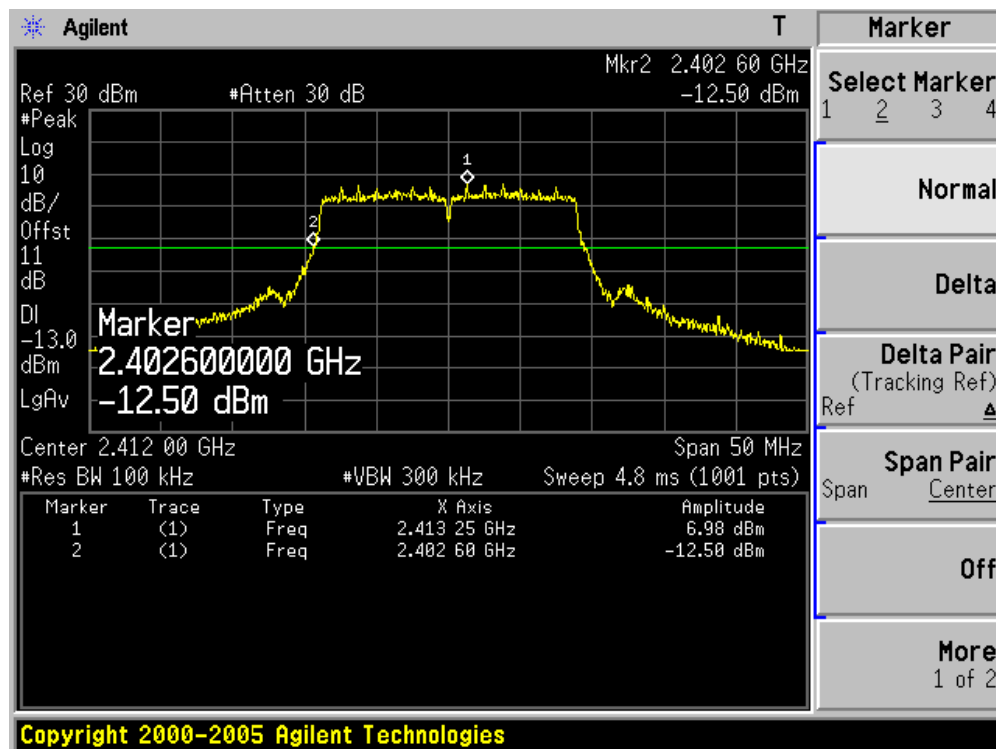


Channel 165 (5825MHz)

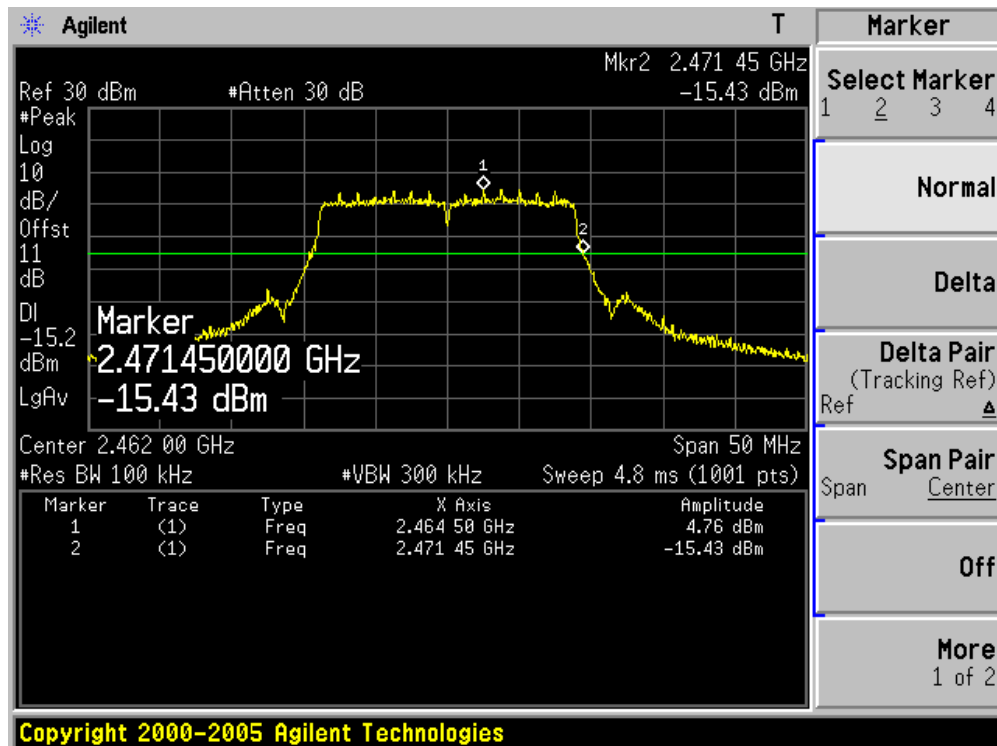


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 2)

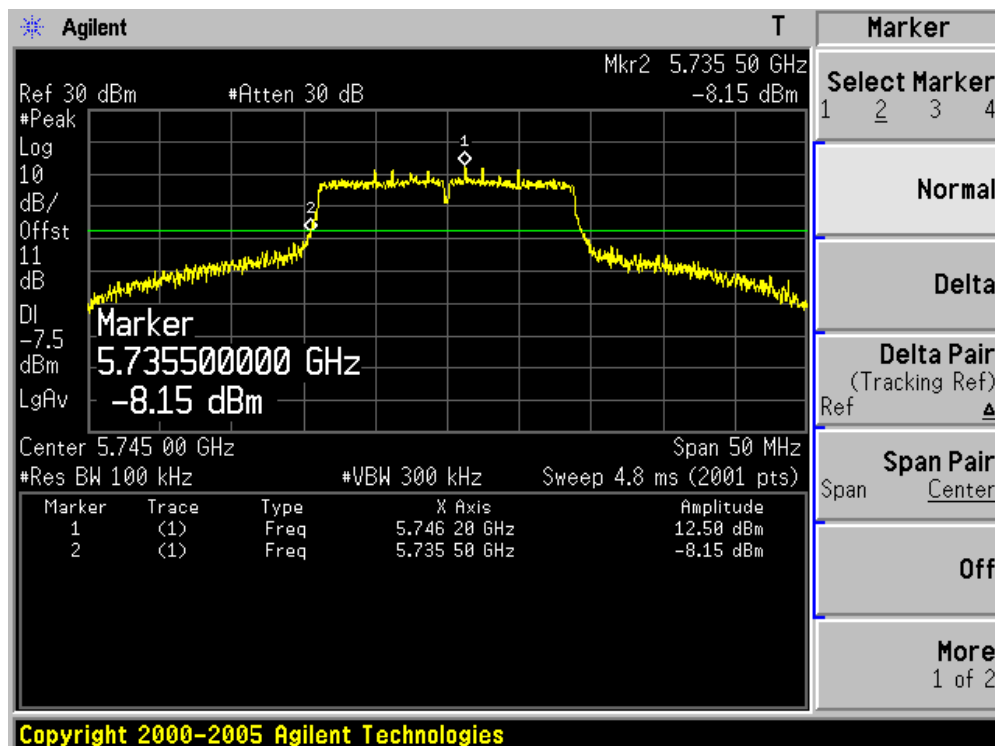
Channel 01 (2412MHz)



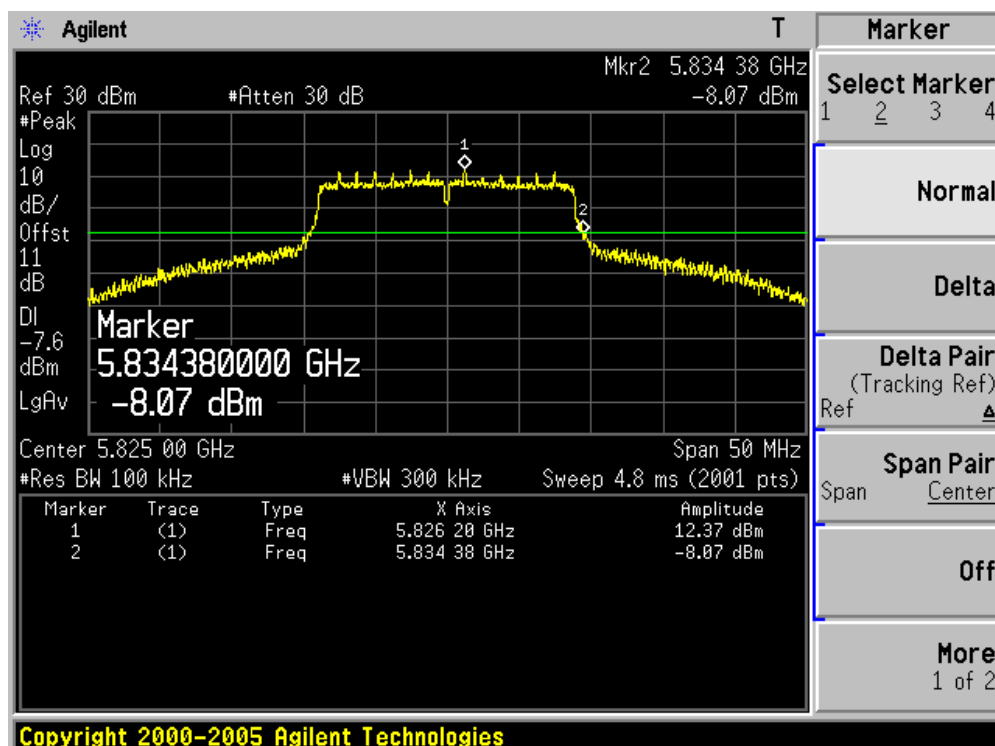
Channel 11 (2462MHz)



Channel 149 (5745MHz)

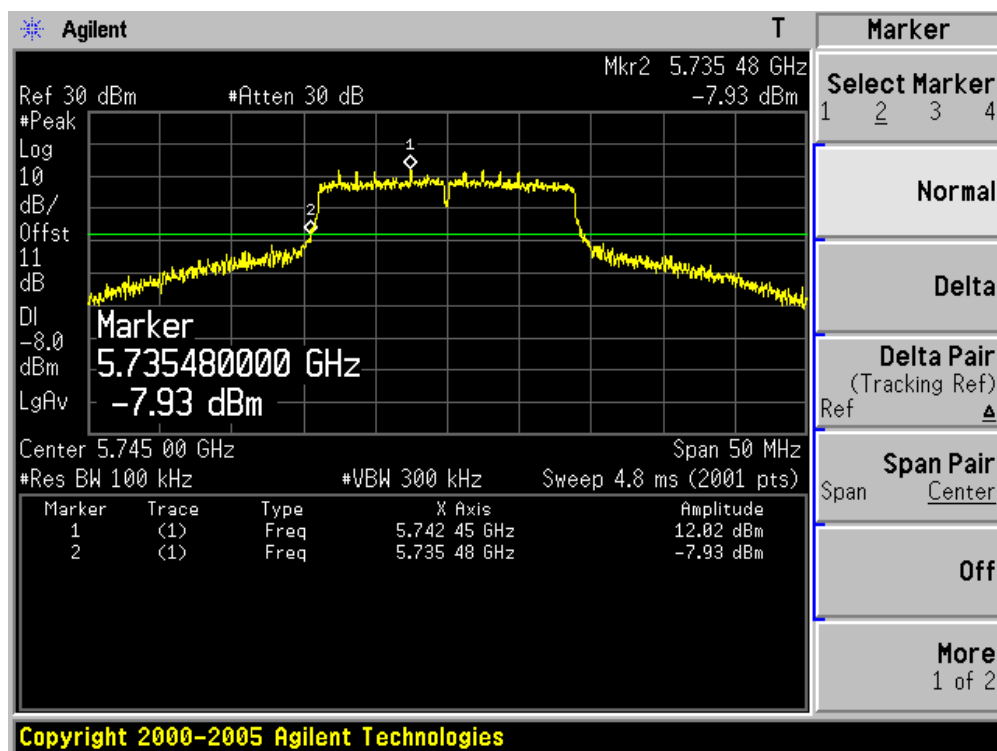


Channel 165 (5825MHz)

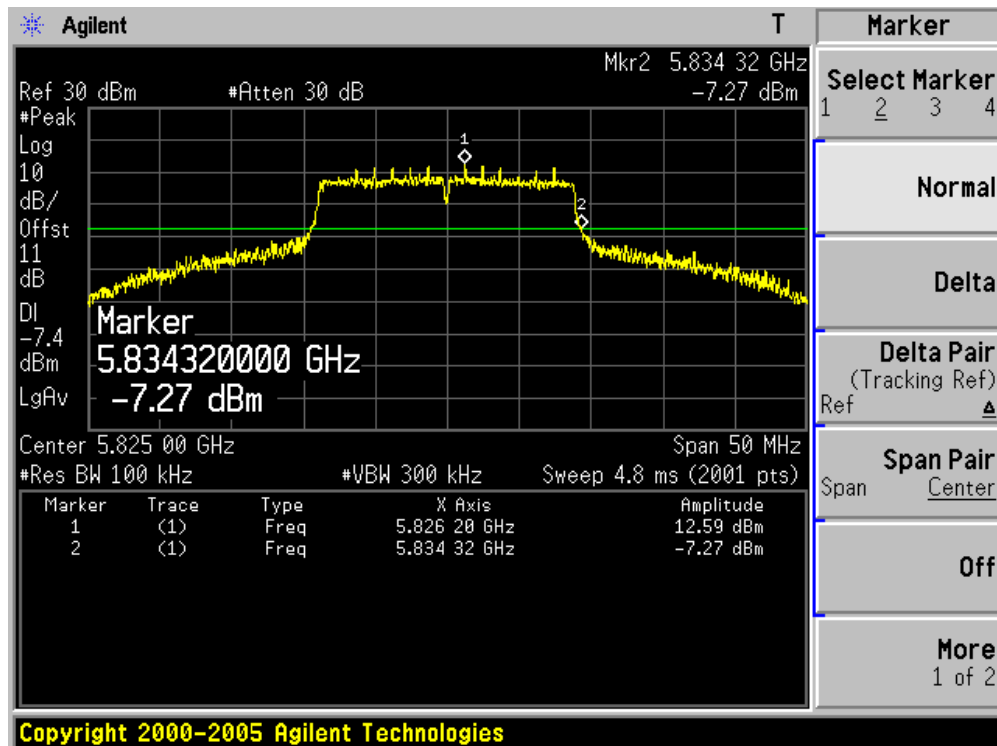


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 2)

Channel 149 (5745MHz)

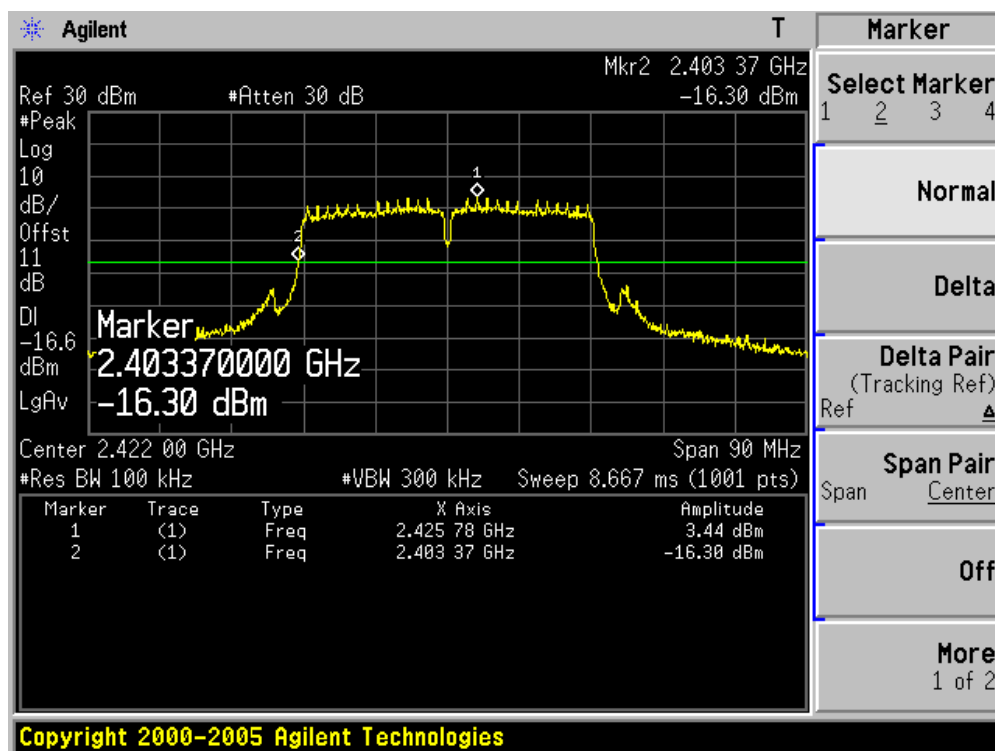


Channel 165 (5825MHz)

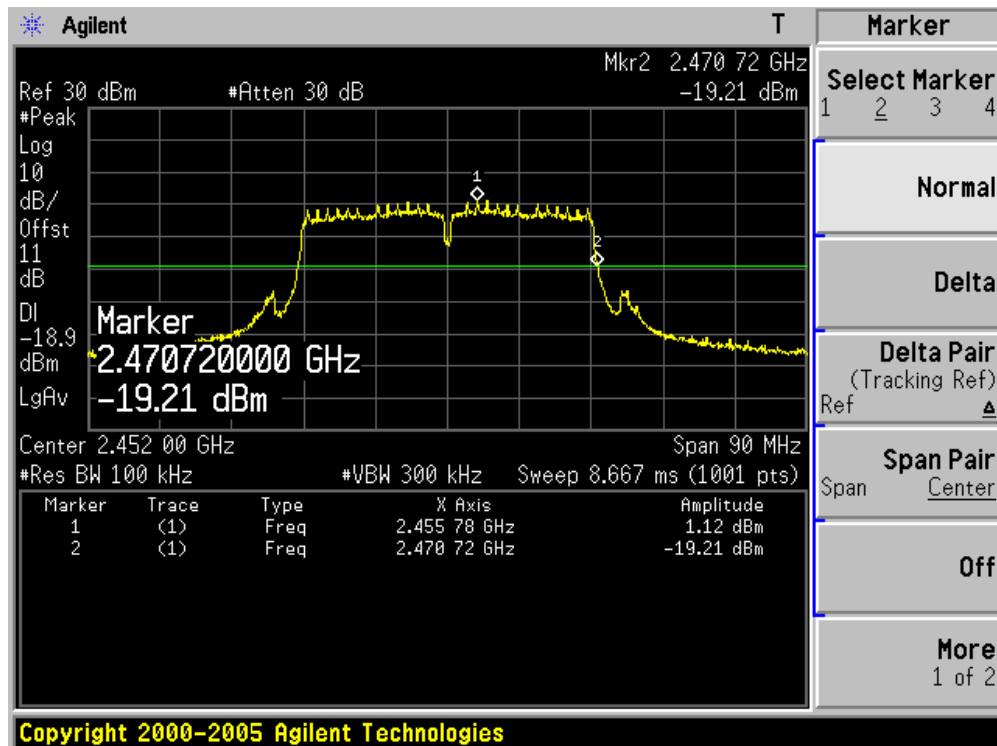


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 2)

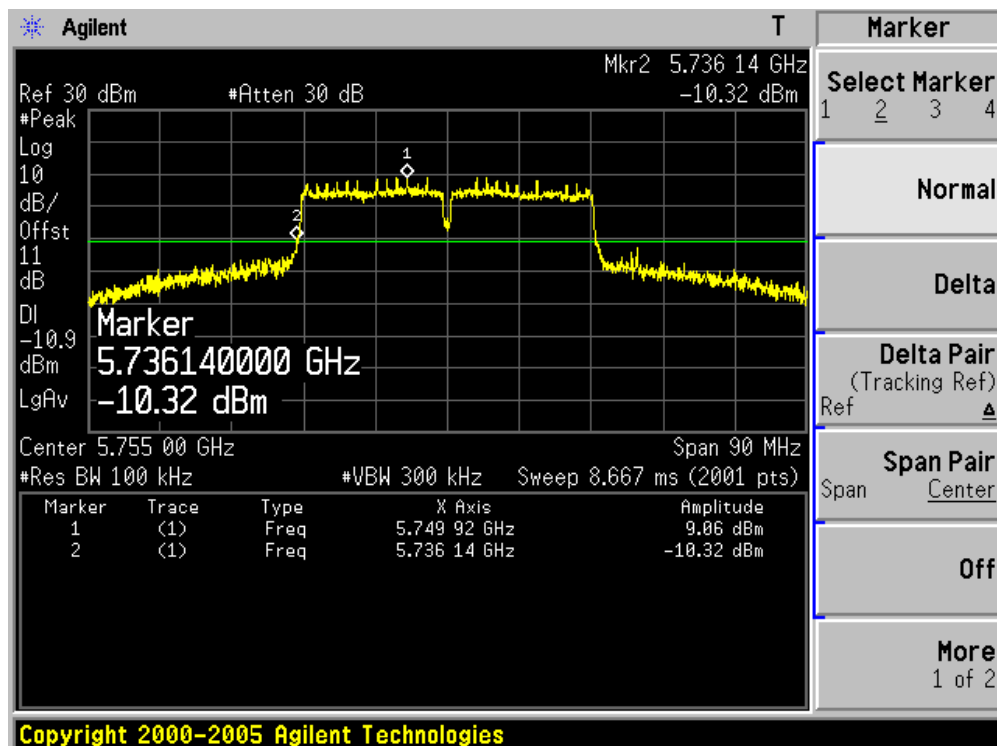
Channel 03 (2422MHz)



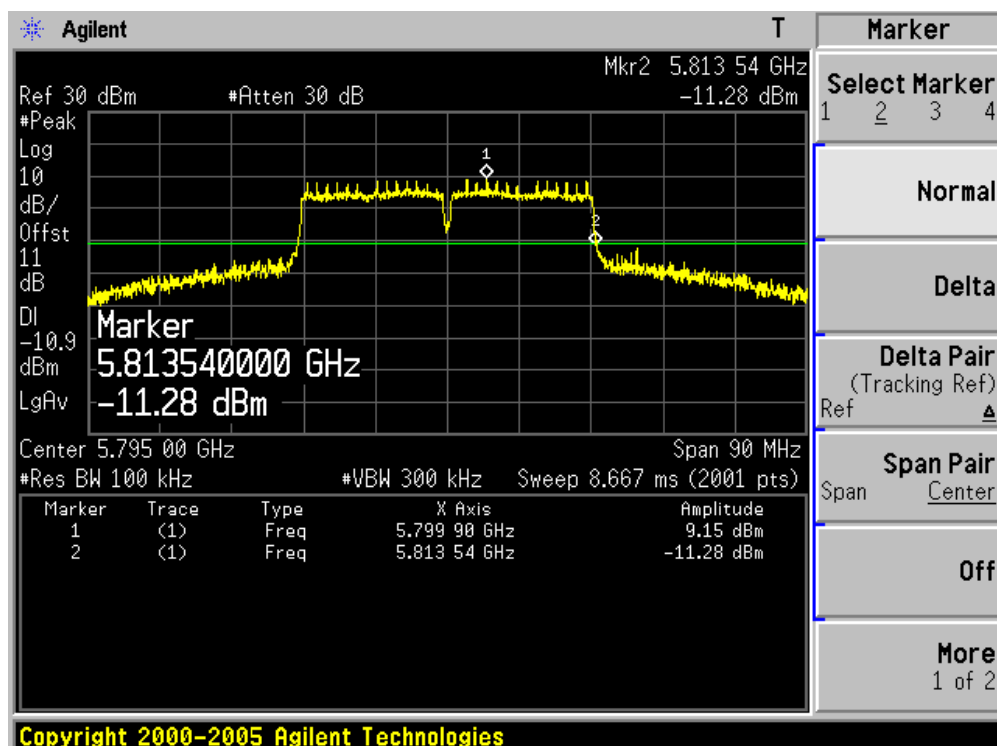
Channel 09 (2452MHz)



Channel 151 (5755MHz)

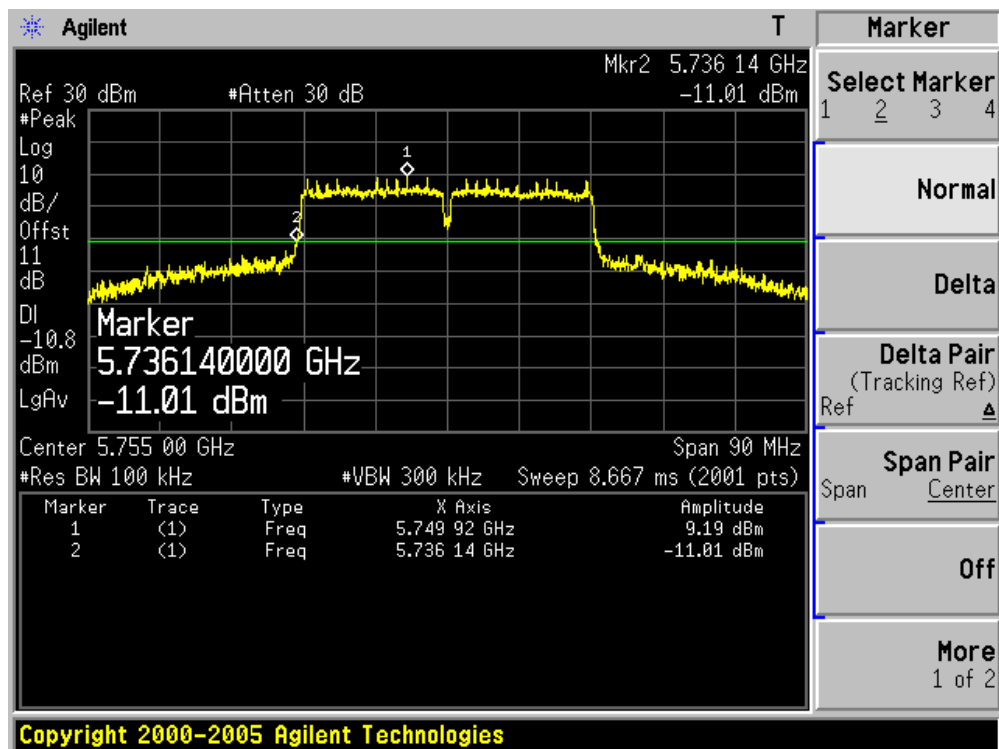


Channel 159 (5795MHz)

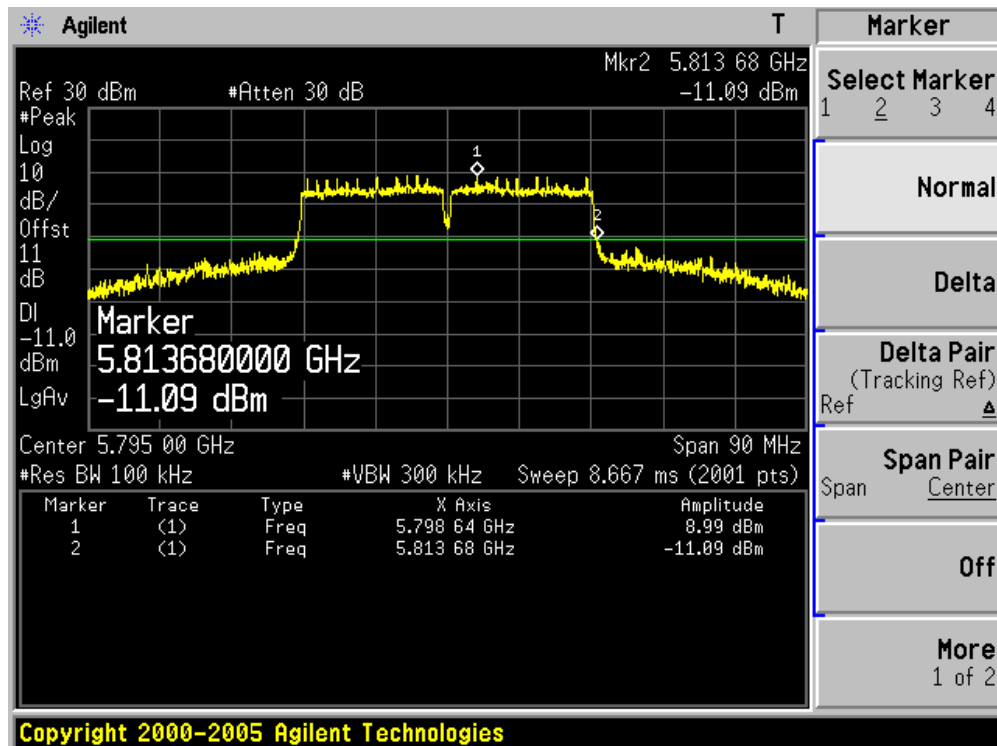


Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 2)

Channel 151 (5755MHz)

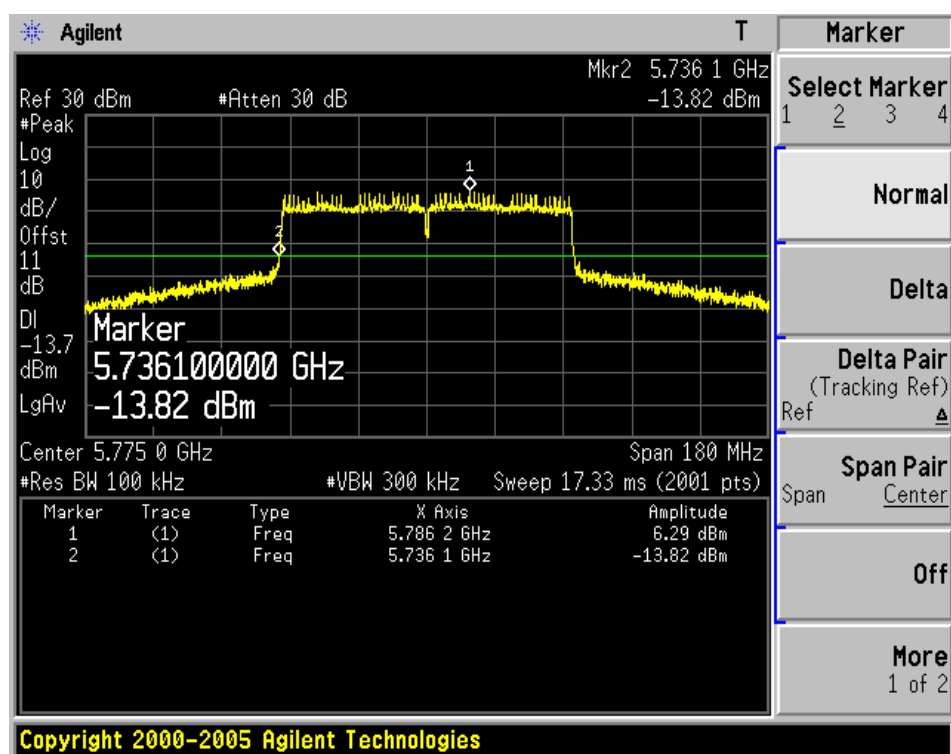


Channel 159 (5795MHz)



Product	:	Mi Wi-Fi
Test Item	:	Operation Frequency Range of 20dB Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 2)

Channel 155 (5755MHz)



8. Occupied Bandwidth

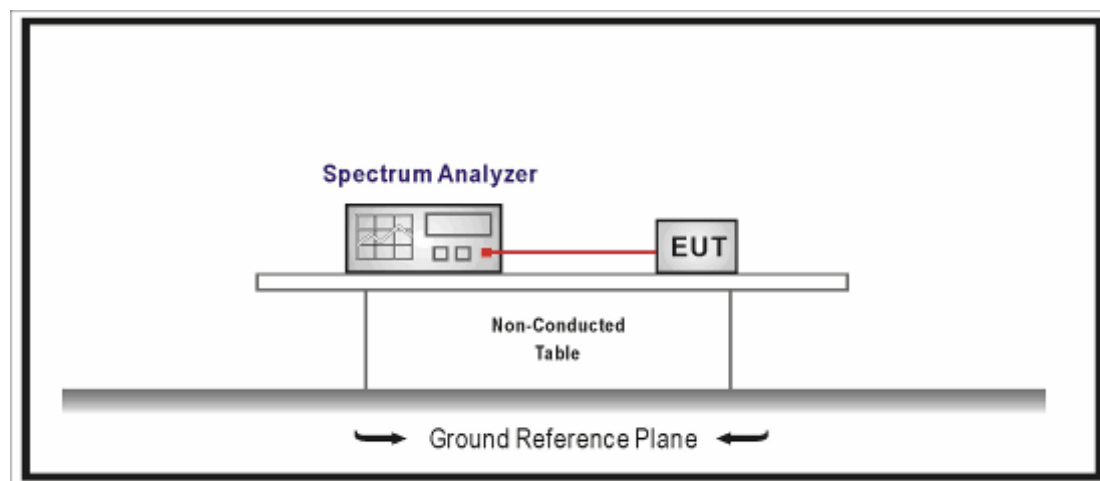
8.1. Test Equipment

Occupied Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2015.01.07
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2015.04.09

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup



8.3. Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

8.4. Test Procedure

The EUT was tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

8.5. Uncertainty

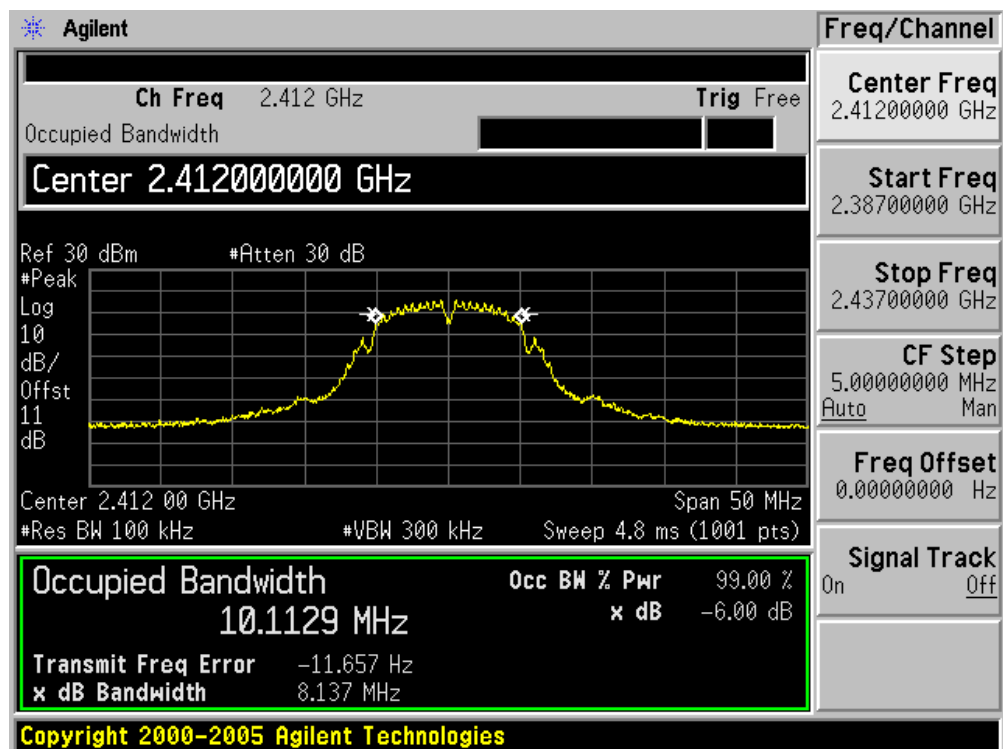
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

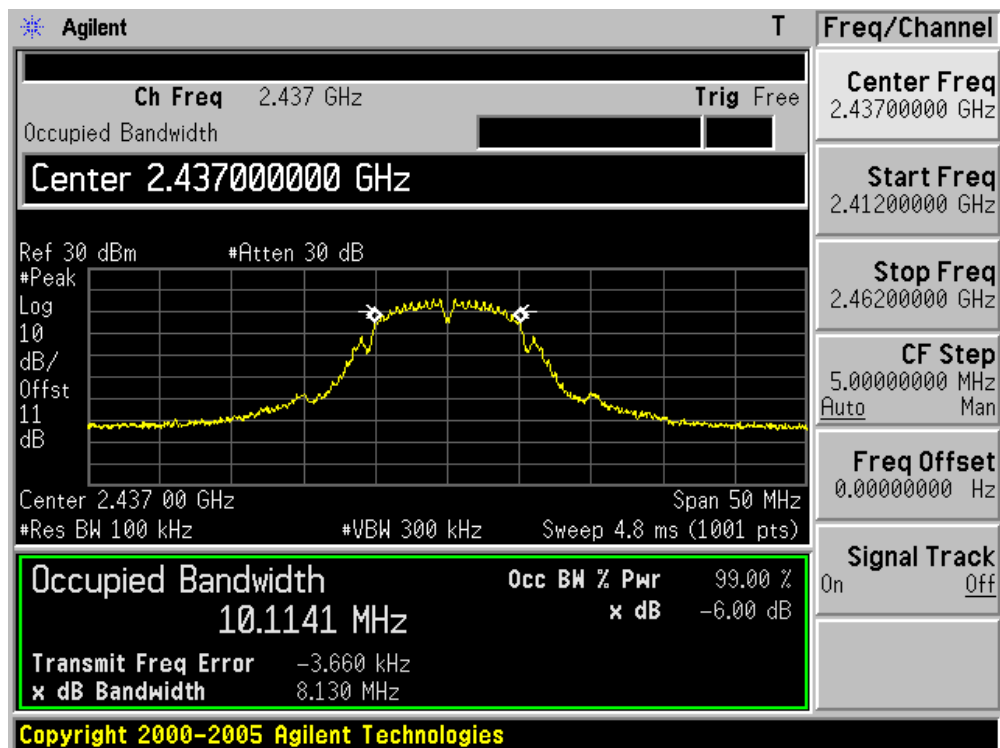
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	8137.0	500	Pass
06	2437	8130.0	500	Pass
11	2462	81350.0	500	Pass

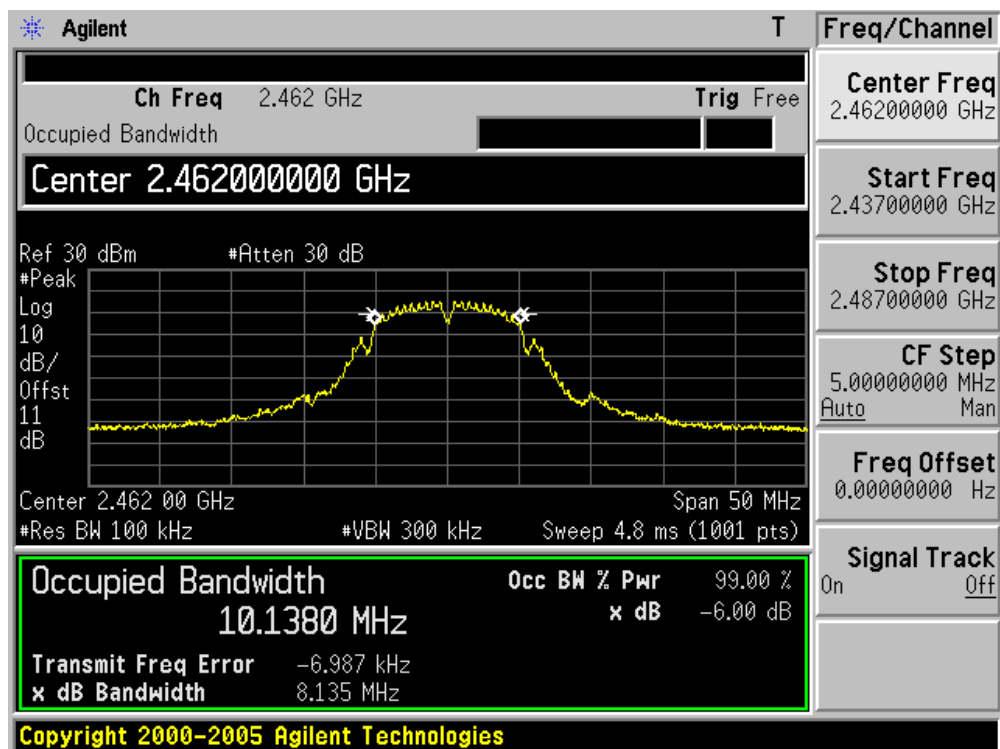
Channel 01 (2412MHz)



Channel 06 (2437MHz)



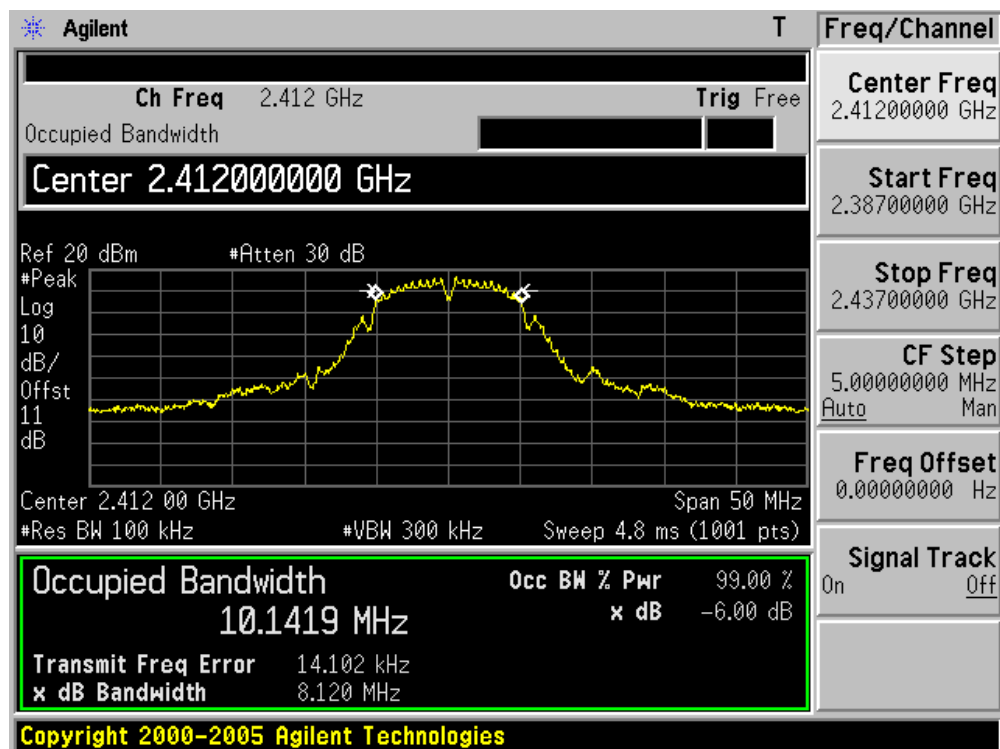
Channel 11 (2462MHz)



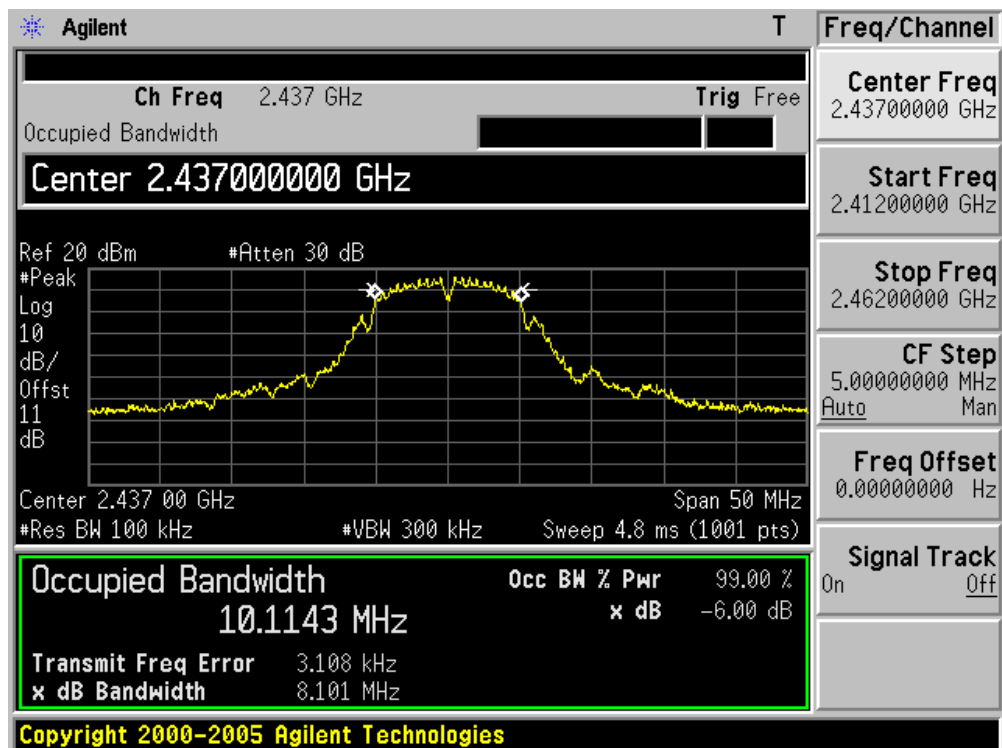
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	8120.0	500	Pass
06	2437	8101.0	500	Pass
11	2462	8129.0	500	Pass

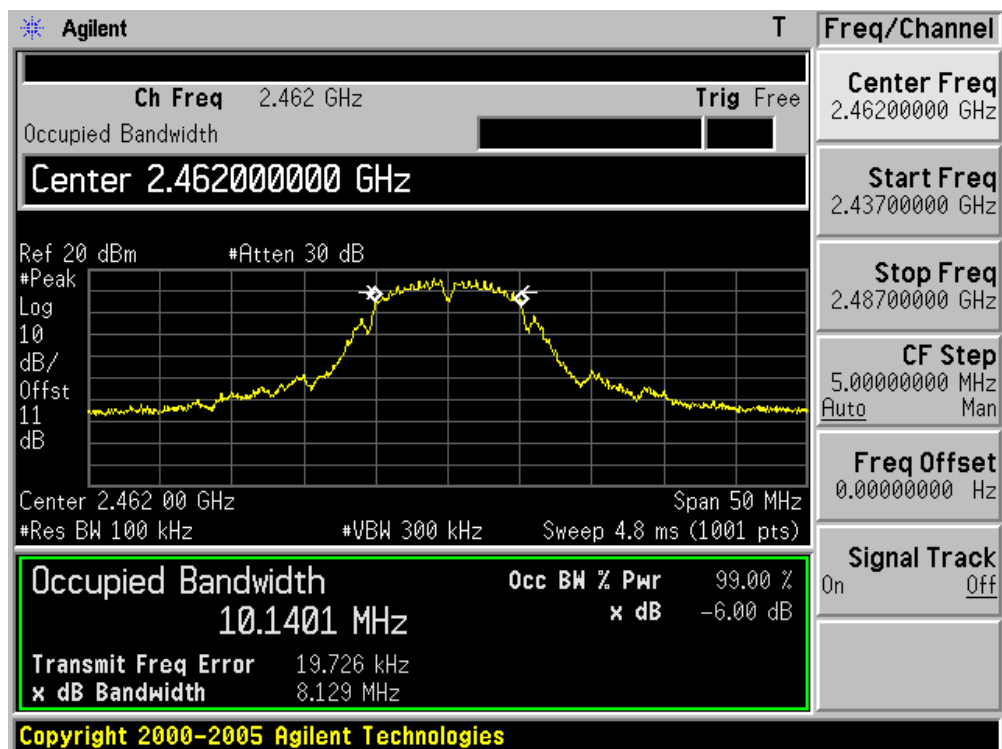
Channel 01 (2412MHz)



Channel 06 (2437MHz)



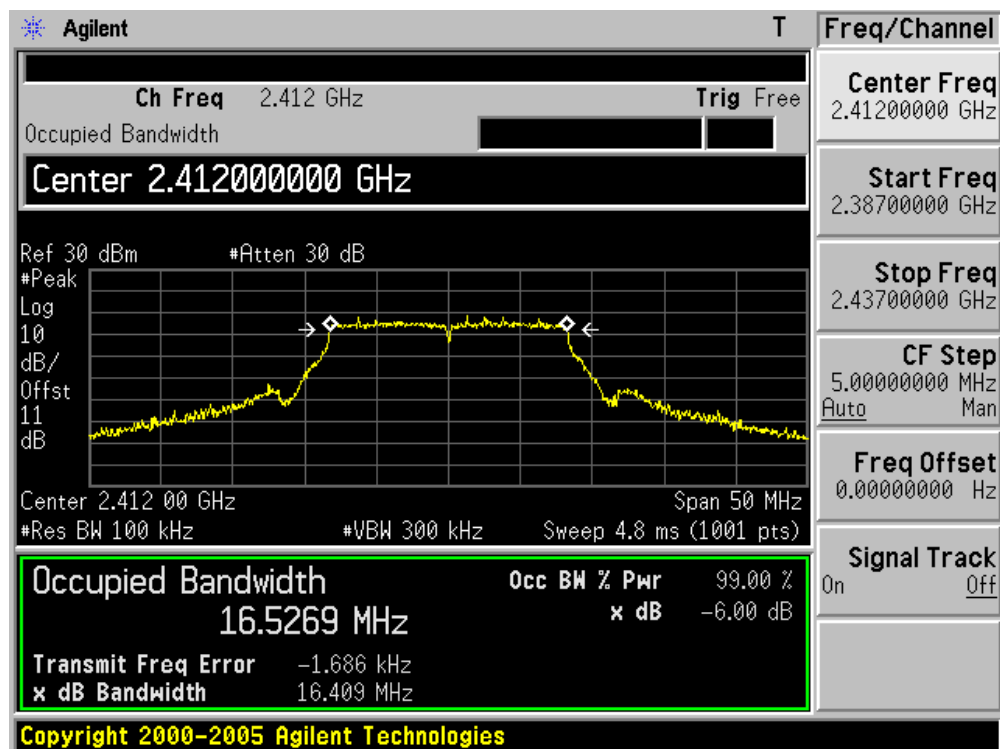
Channel 11 (2462MHz)



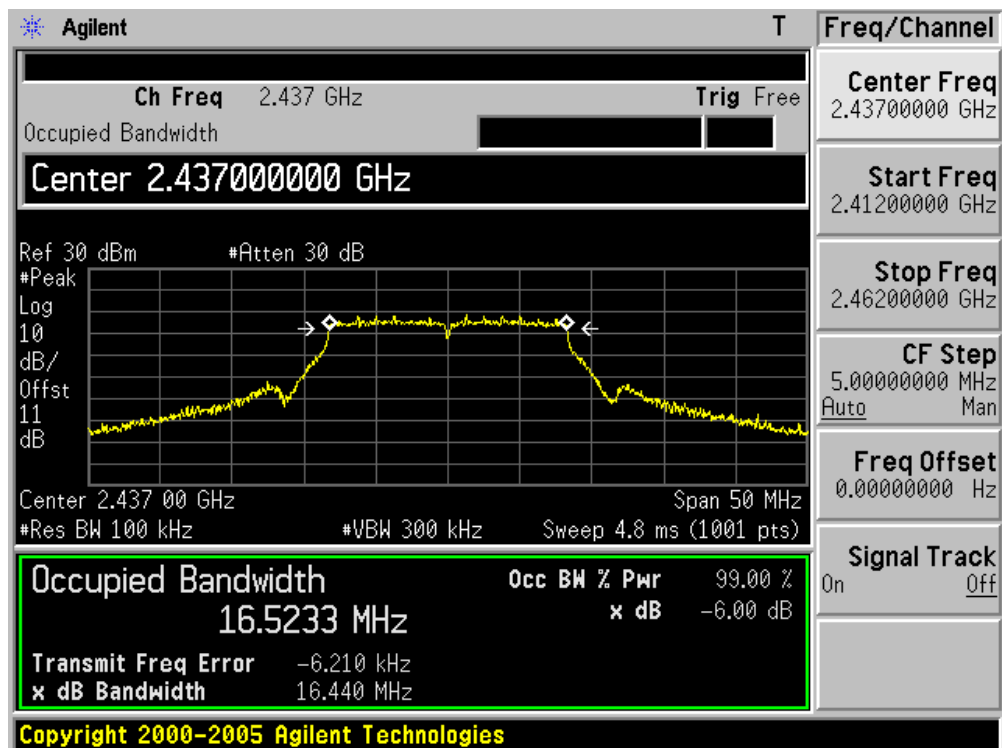
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16409.0	500	Pass
06	2437	16440.0	500	Pass
11	2462	16448.0	500	Pass

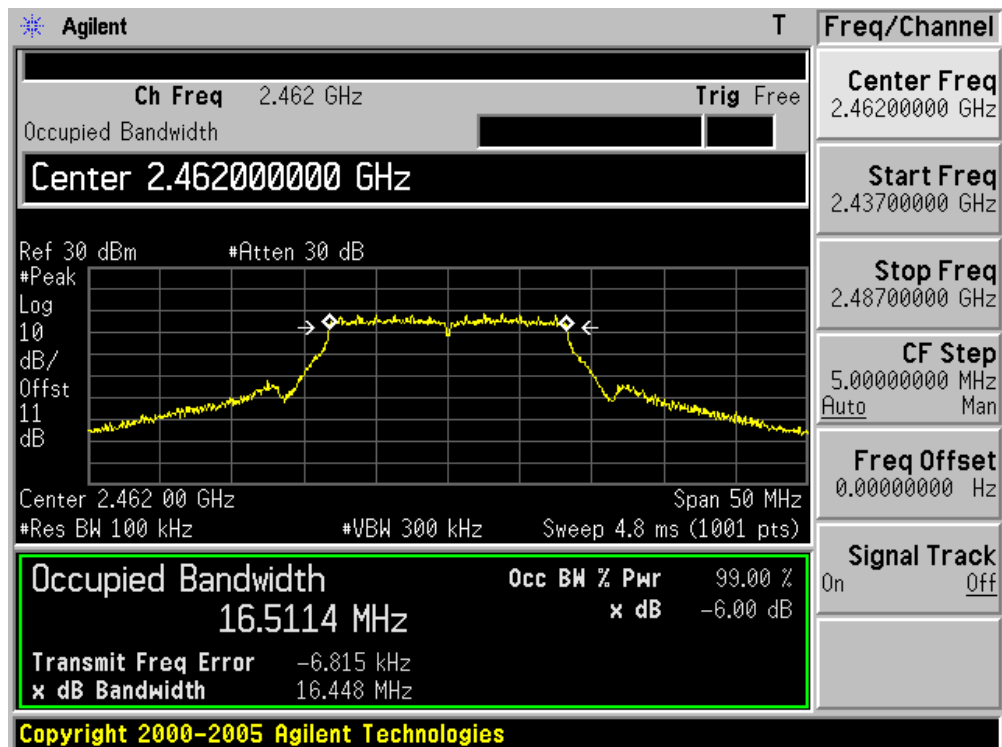
Channel 01 (2412MHz)



Channel 06 (2437MHz)



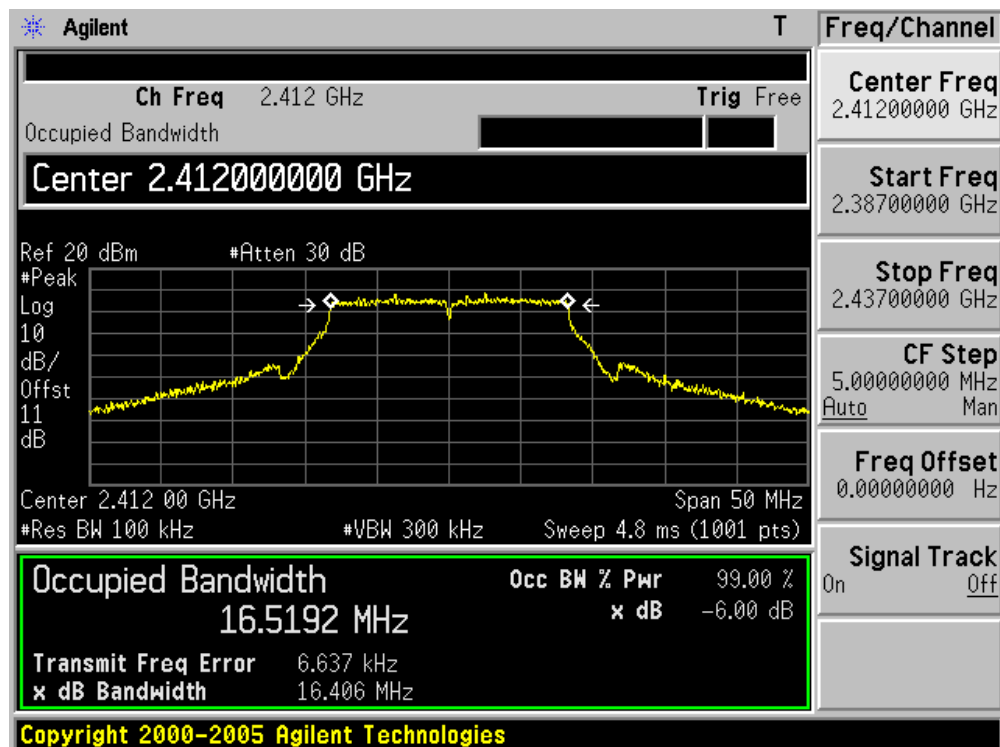
Channel 11 (2462MHz)



Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16406.0	500	Pass
06	2437	16443.0	500	Pass
11	2462	16422.0	500	Pass

Channel 01 (2412MHz)



Agilent T

Ch Freq 2.437 GHz Trig Free

Occupied Bandwidth

Center 2.437000000 GHz

Ref 20 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

11 dB

Center 2.437 00 GHz Span 50 MHz

#Res BW 100 kHz #VBW 300 kHz Sweep 4.8 ms (1001 pts)

Occupied Bandwidth 16.5229 MHz Occ BW % Pwr 99.00 % x dB -6.00 dB

Transmit Freq Error 7.504 kHz x dB Bandwidth 16.443 MHz

Freq/Channel

Center Freq 2.43700000 GHz

Start Freq 2.41200000 GHz

Stop Freq 2.46200000 GHz

CF Step 5.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

Copyright 2000-2005 Agilent Technologies

The image shows a screenshot of an Agilent spectrum analyzer interface. The main display area shows a frequency spectrum with a yellow trace. A green box highlights the 'Occupied Bandwidth' measurement results at the bottom. The results show an occupied bandwidth of 16.5240 MHz and a power level of -6.00 dB. The center frequency is 2.462 GHz. The span is 50 MHz. The resolution bandwidth is 300 kHz. The sweep time is 4.8 ms (1001 pts). The signal is identified as 'Signal Track' and is 'On'. The frequency offset is 0.0000000 Hz. The CF step is 5.0000000 MHz. The start frequency is 2.43700000 GHz and the stop frequency is 2.48700000 GHz. The center frequency is 2.46200000 GHz. The trigger is set to 'Free'. The reference level is 20 dBm and the attenuation is 30 dB. The peak level is 10 dB. The offset is 11 dB. The log scale is used. The transmit frequency error is 3.736 kHz. The x dB bandwidth is 16.422 MHz. The copyright notice at the bottom reads 'Copyright 2000-2005 Agilent Technologies'.

Agilent T

Ch Freq 2.462 GHz **Trig** Free

Occupied Bandwidth

Center 2.46200000 GHz

Ref 20 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
11
dB

Center 2.462 00 GHz Span 50 MHz

#Res BW 100 kHz #VBW 300 kHz Sweep 4.8 ms (1001 pts)

Occupied Bandwidth **Occ BW % Pwr** 99.00 %

16.5240 MHz **x dB** -6.00 dB

Transmit Freq Error 3.736 kHz

x dB Bandwidth 16.422 MHz

Signal Track
On Off

Freq/Channel

Center Freq
2.46200000 GHz

Start Freq
2.43700000 GHz

Stop Freq
2.48700000 GHz

CF Step
5.00000000 MHz
Auto Man

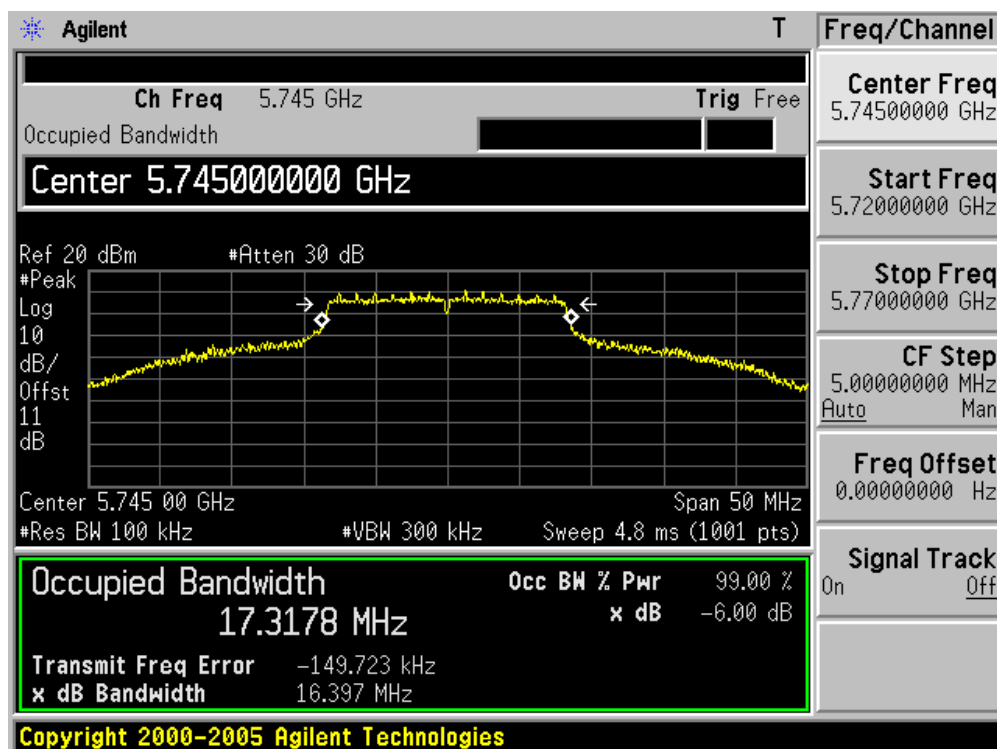
Freq Offset
0.00000000 Hz

Copyright 2000-2005 Agilent Technologies

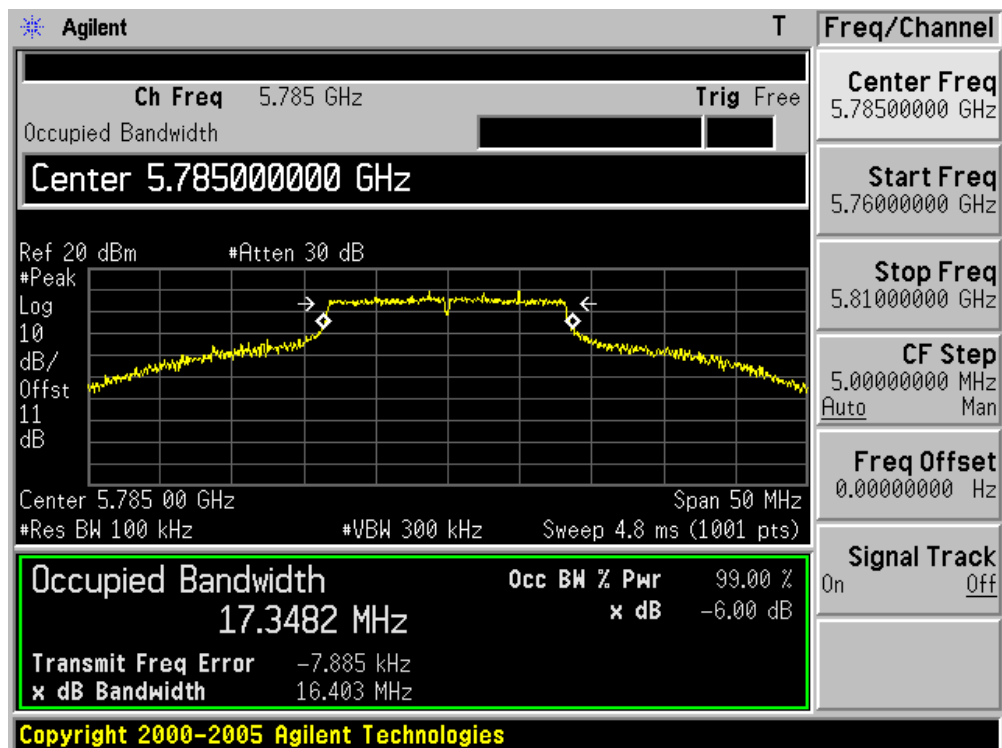
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16397.0	500	Pass
157	5785	16403.0	500	Pass
165	5825	16355.0	500	Pass

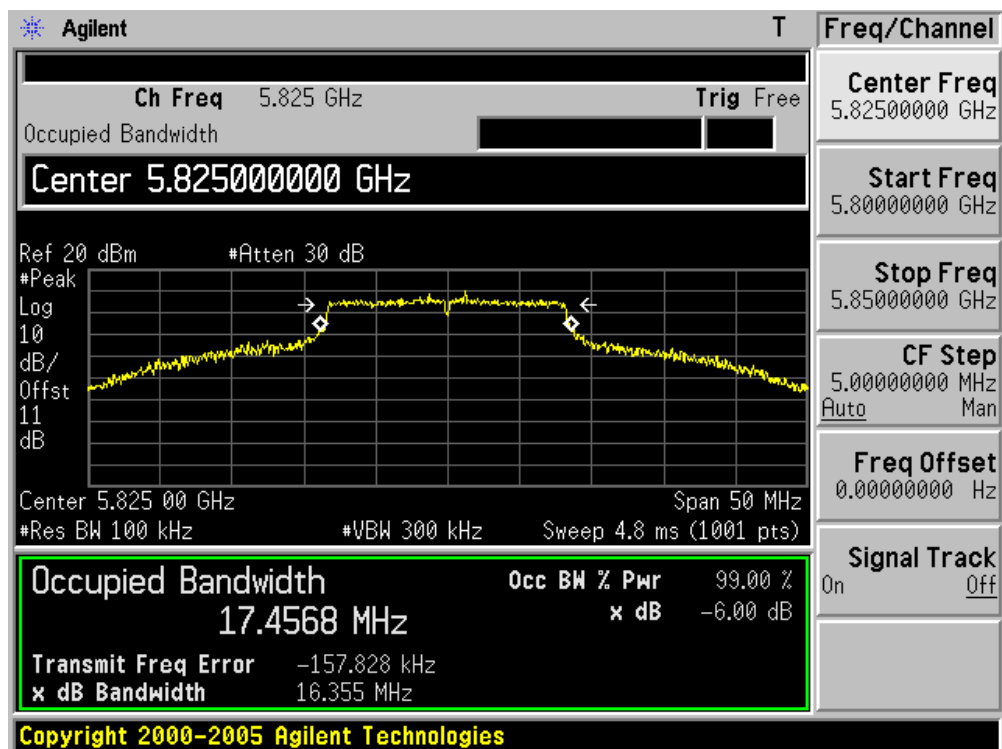
Channel 149 (5745MHz)



Channel 157 (5785MHz)



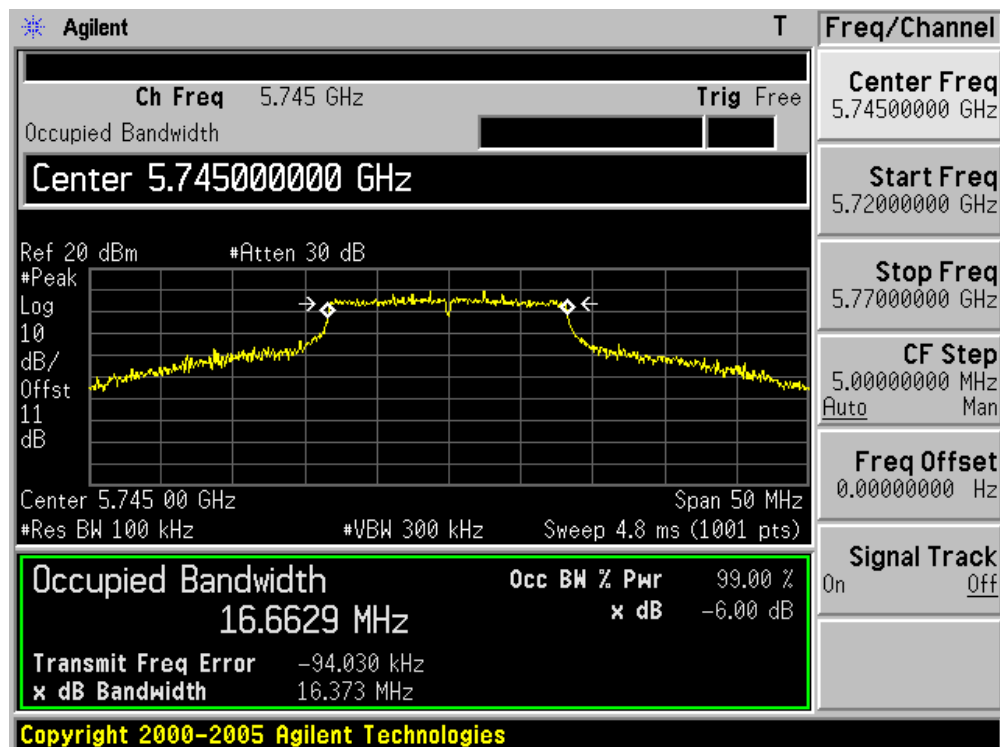
Channel 165 (5825MHz)



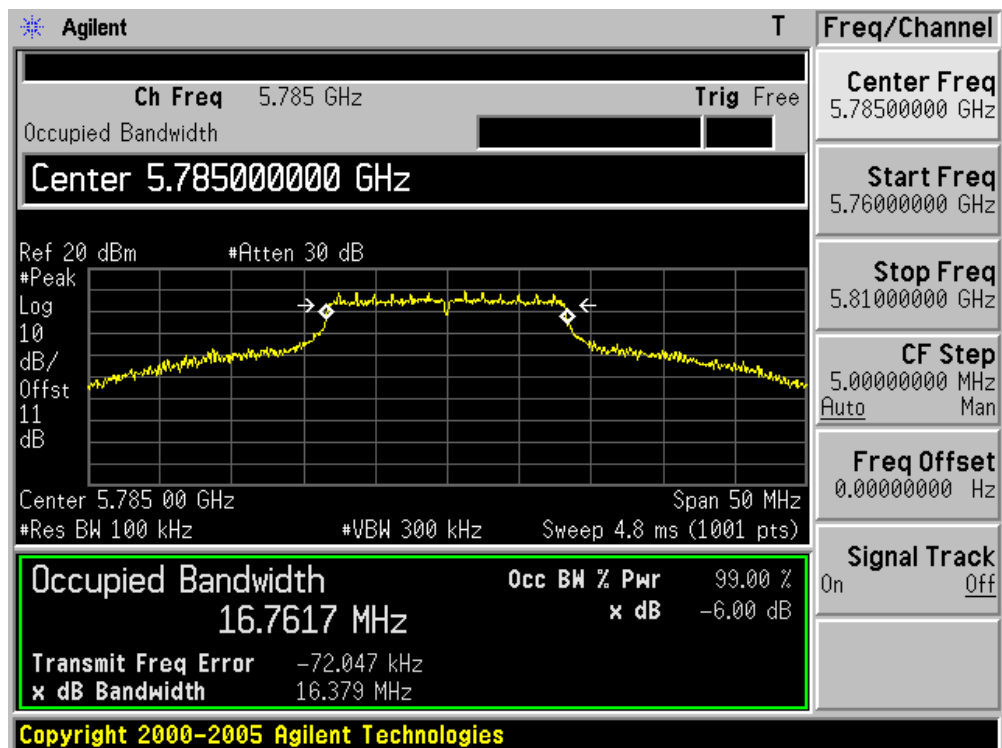
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	16373.0	500	Pass
157	5785	16379.0	500	Pass
165	5825	16416.0	500	Pass

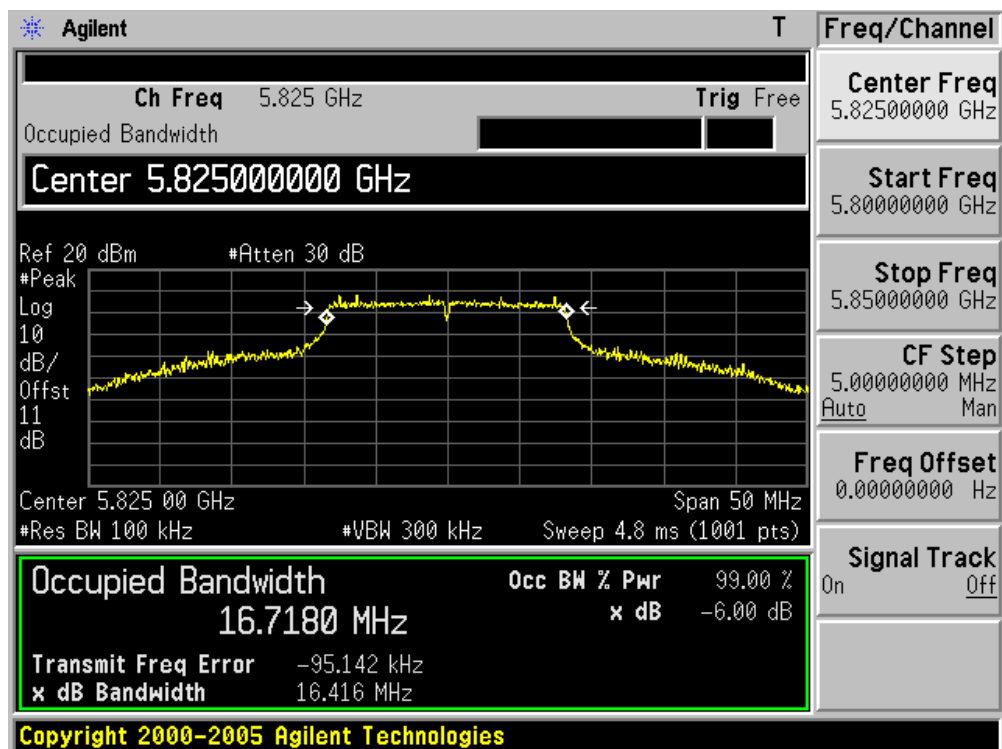
Channel 149 (5745MHz)



Channel 157 (5785MHz)



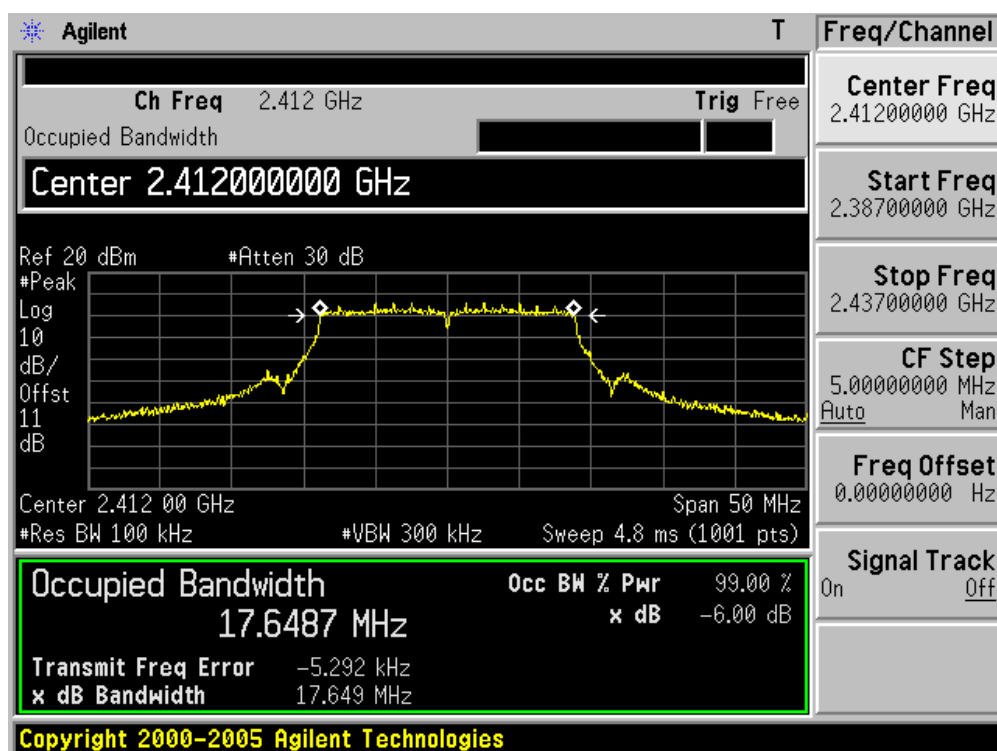
Channel 165 (5825MHz)



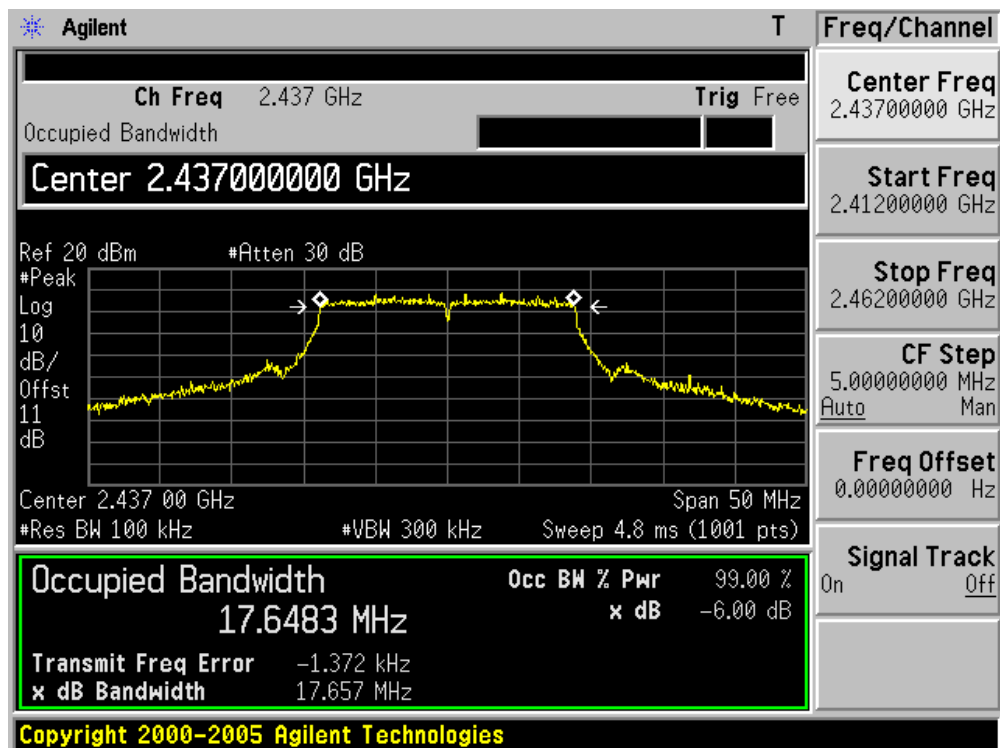
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17649.0	500	Pass
06	2437	17657.0	500	Pass
11	2462	17654.0	500	Pass
149	5745	17622.0	500	Pass
157	5785	17593.0	500	Pass
165	5825	17431.0	500	Pass

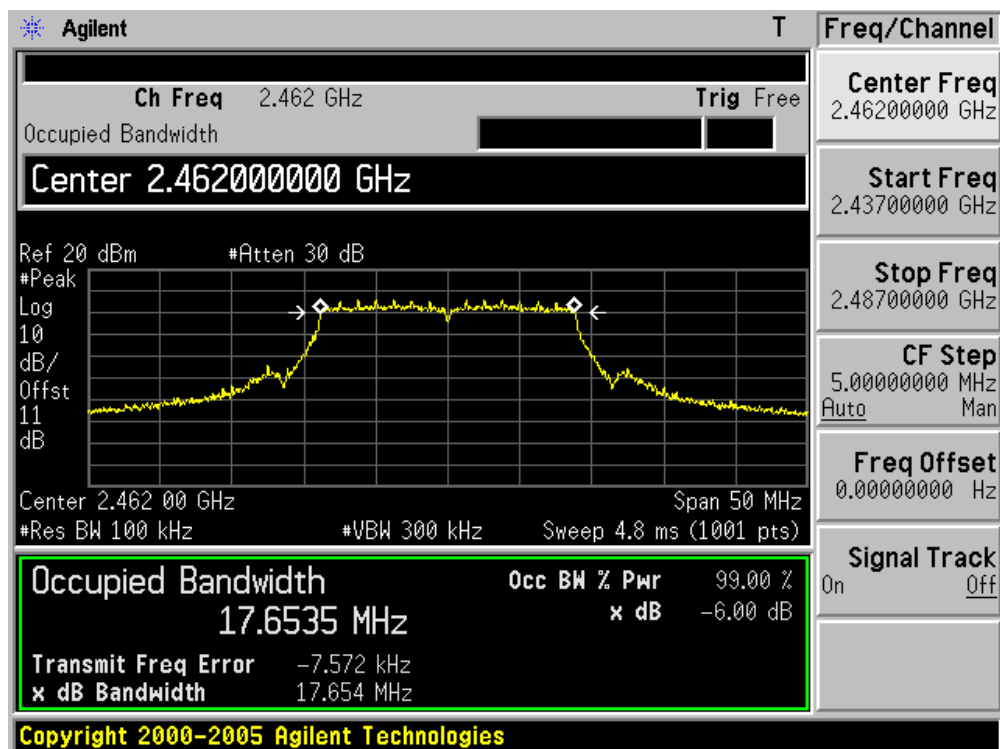
Channel 01 (2412MHz)



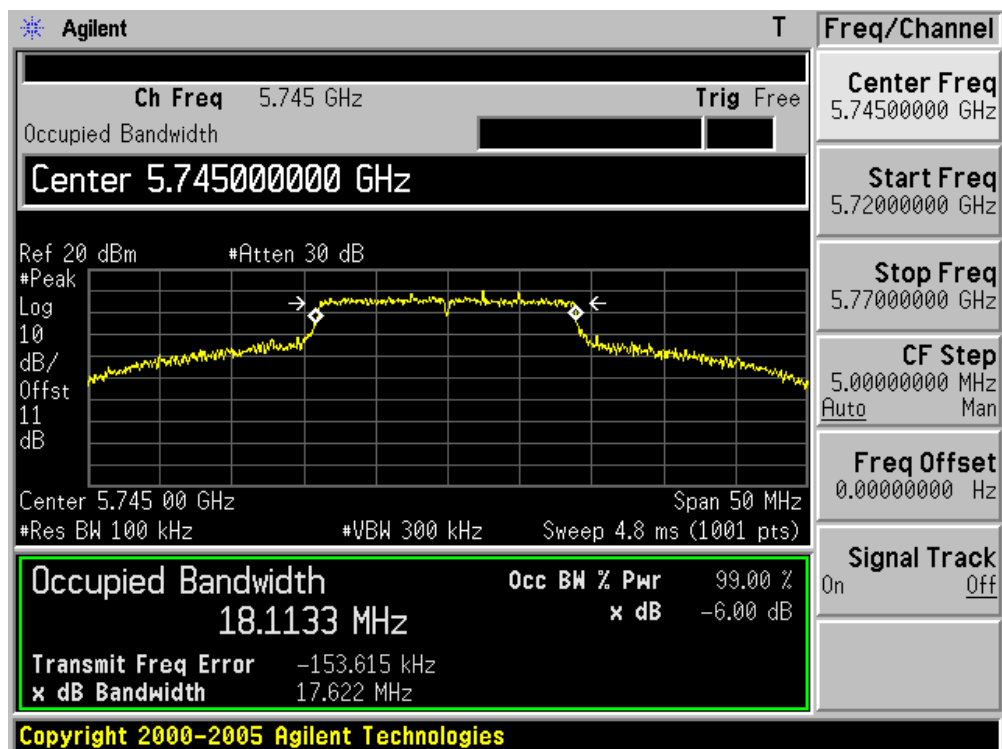
Channel 06 (2437MHz)



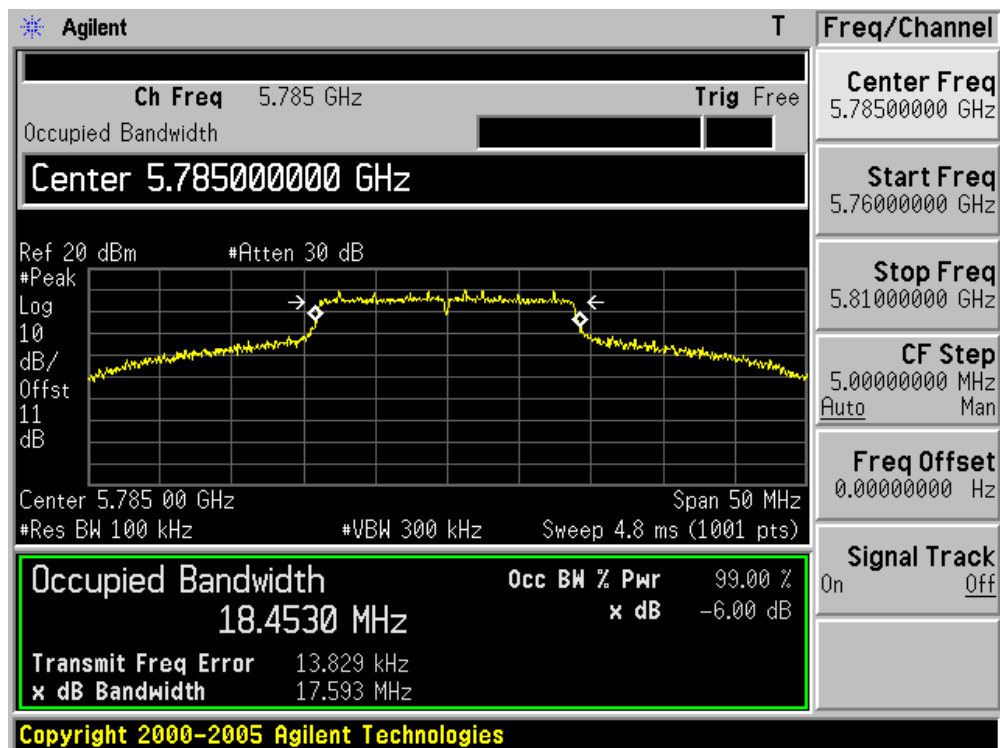
Channel 11 (2462MHz)



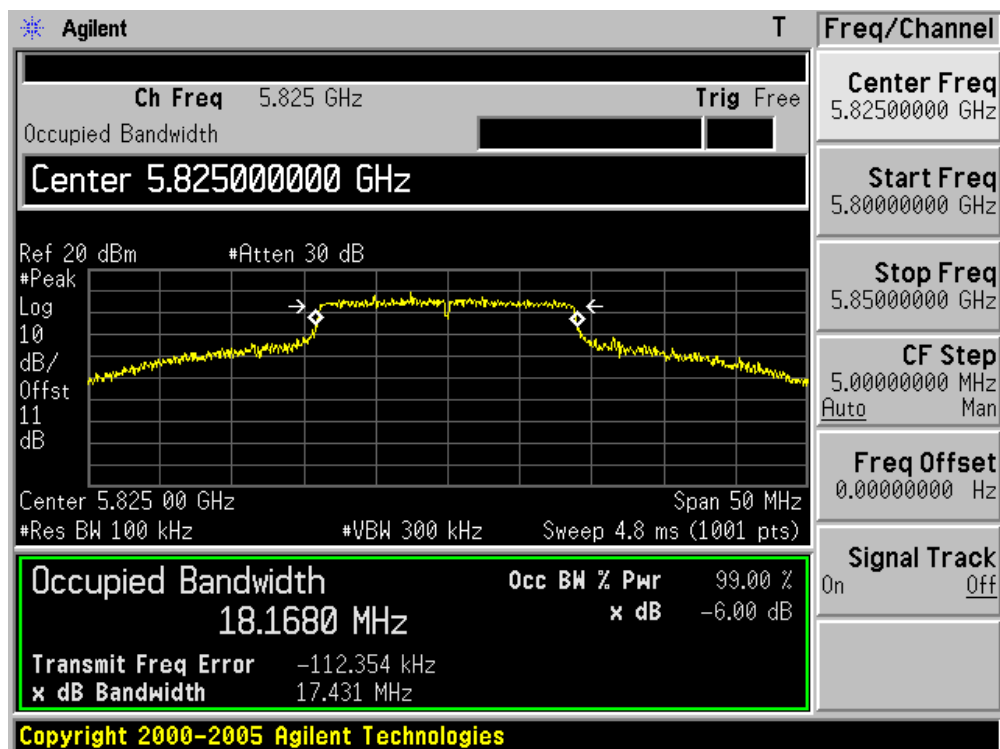
Channel 149 (5745MHz)



Channel 157 (5785MHz)



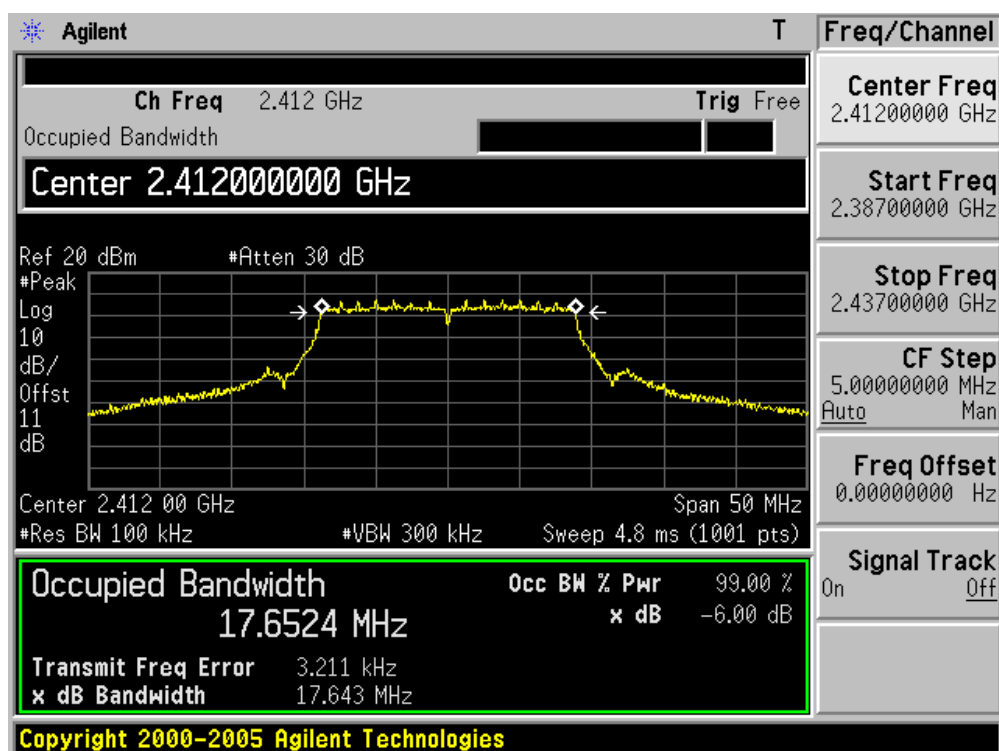
Channel 165 (5825MHz)



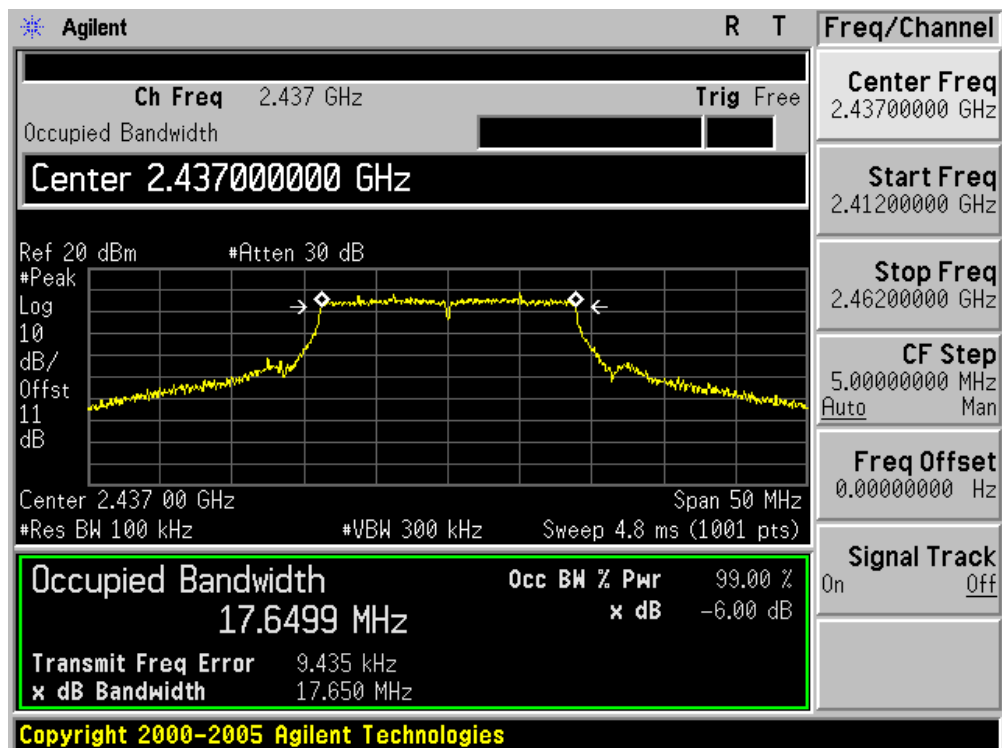
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17643.0	500	Pass
06	2437	17650.0	500	Pass
11	2462	17644.0	500	Pass
149	5745	17585.0	500	Pass
157	5785	17355.0	500	Pass
165	5825	17781.0	500	Pass

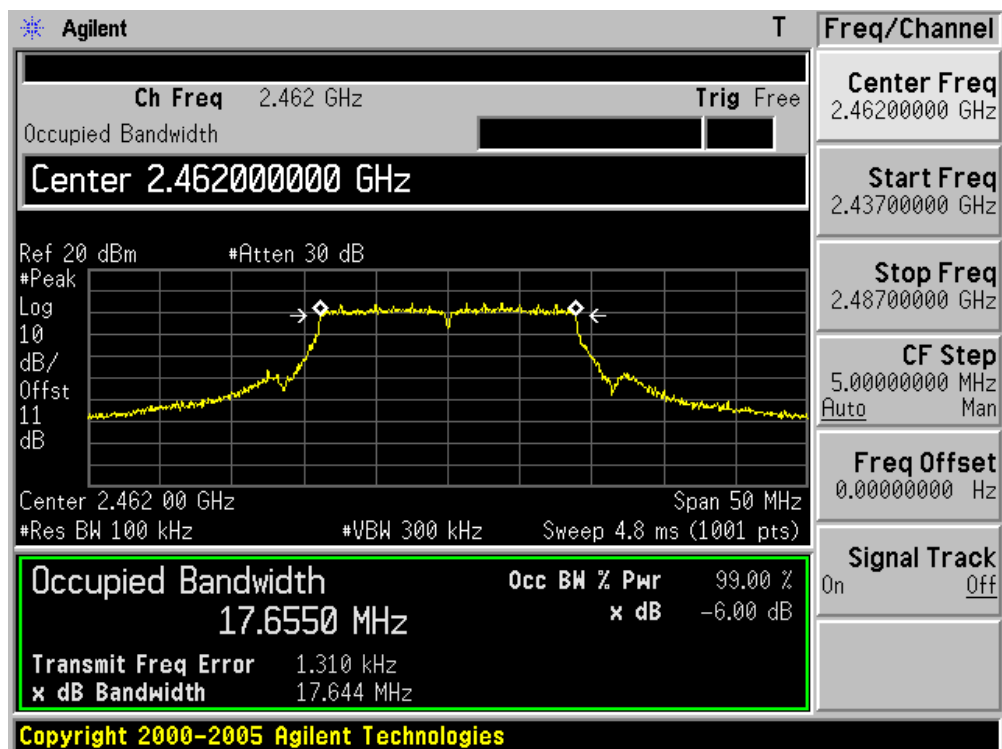
Channel 01 (2412MHz)



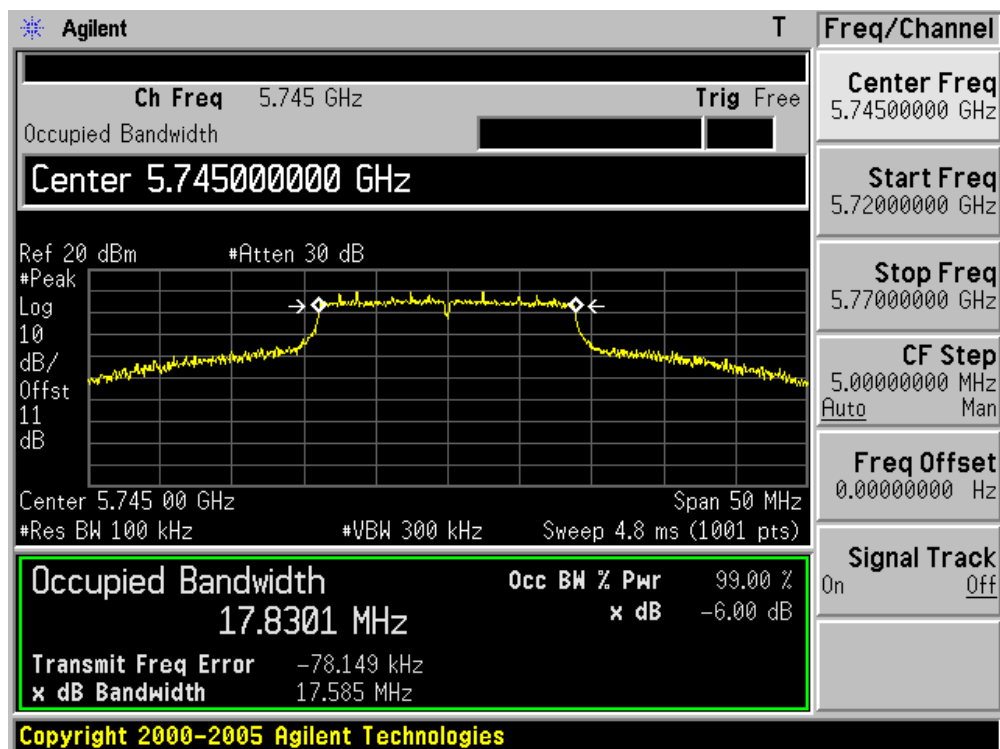
Channel 06 (2437MHz)



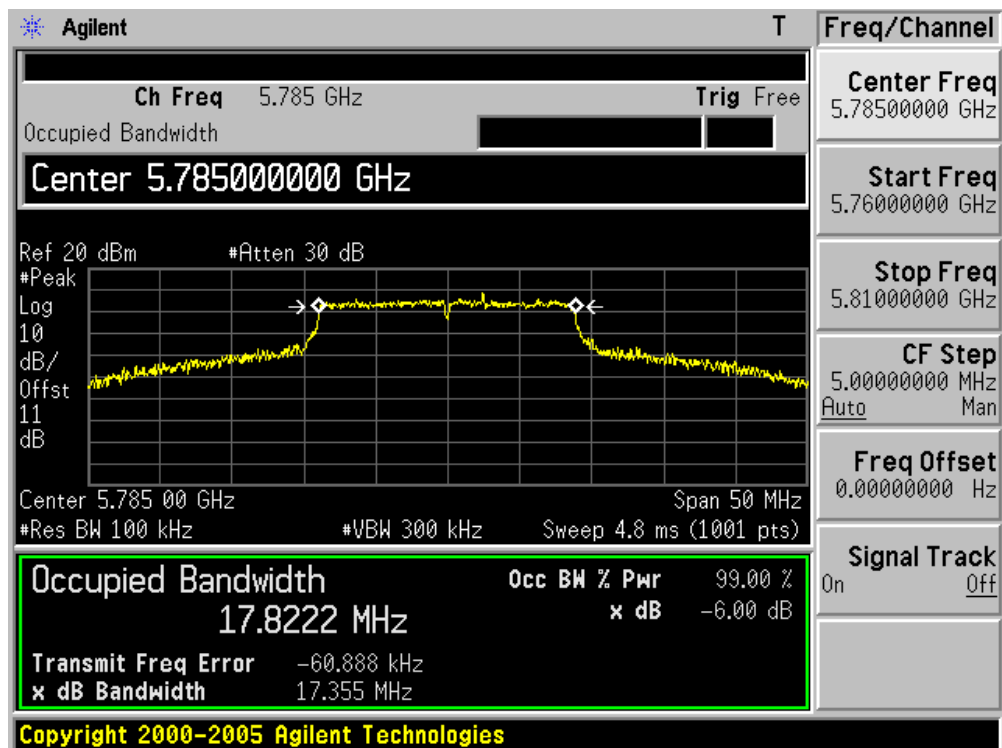
Channel 11 (2462MHz)



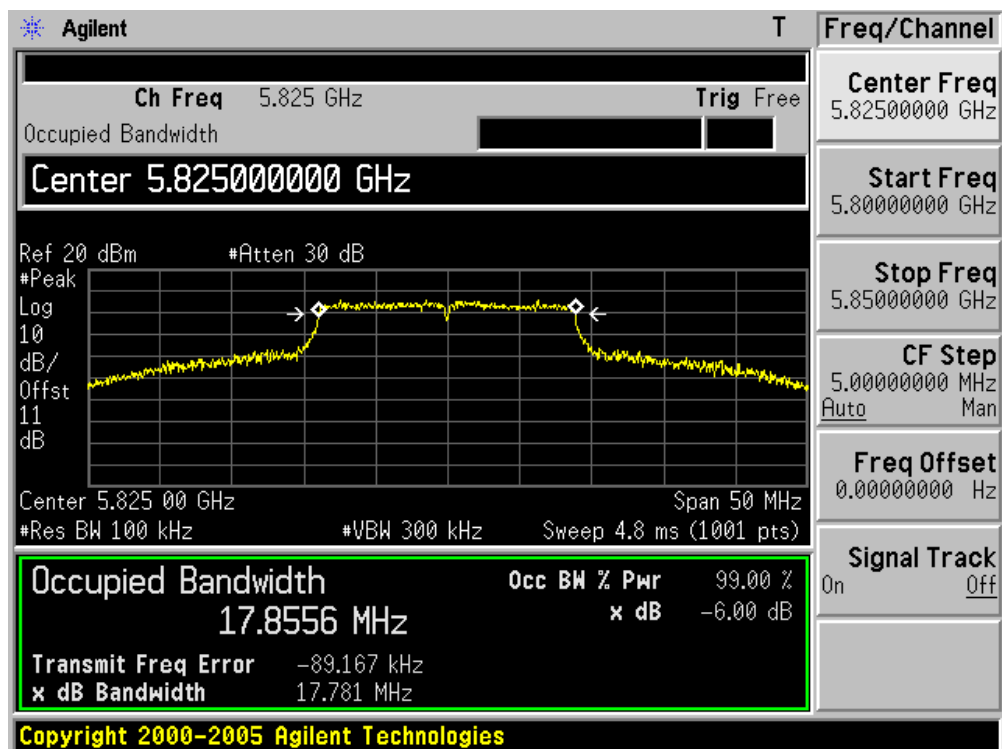
Channel 149 (5745MHz)



Channel 157 (5785MHz)



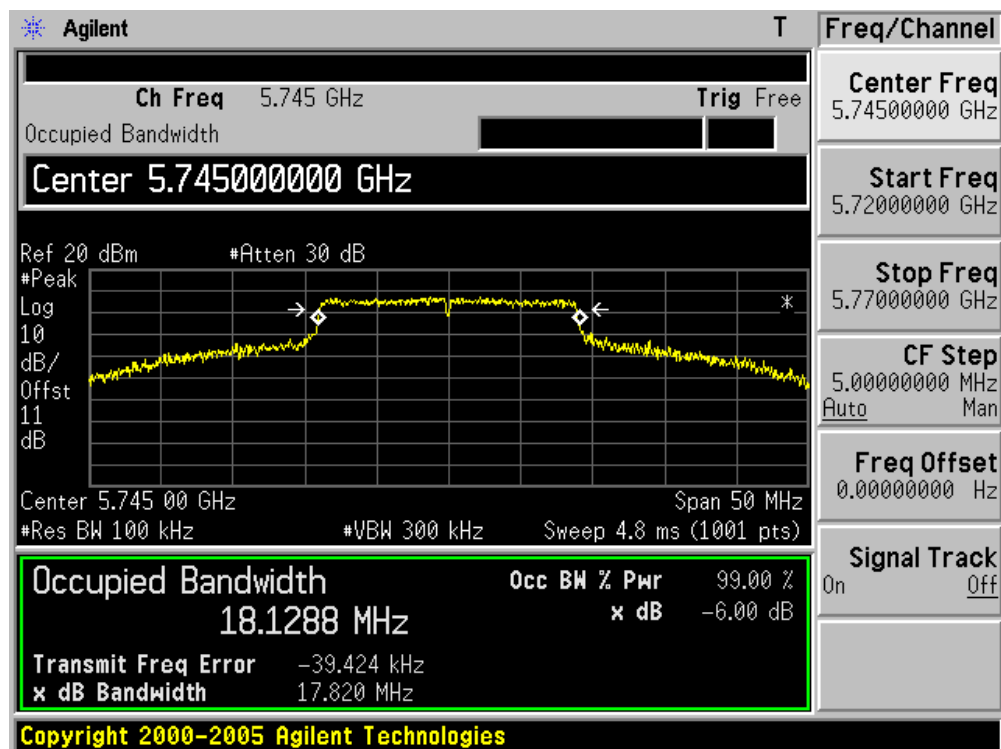
Channel 165 (5825MHz)



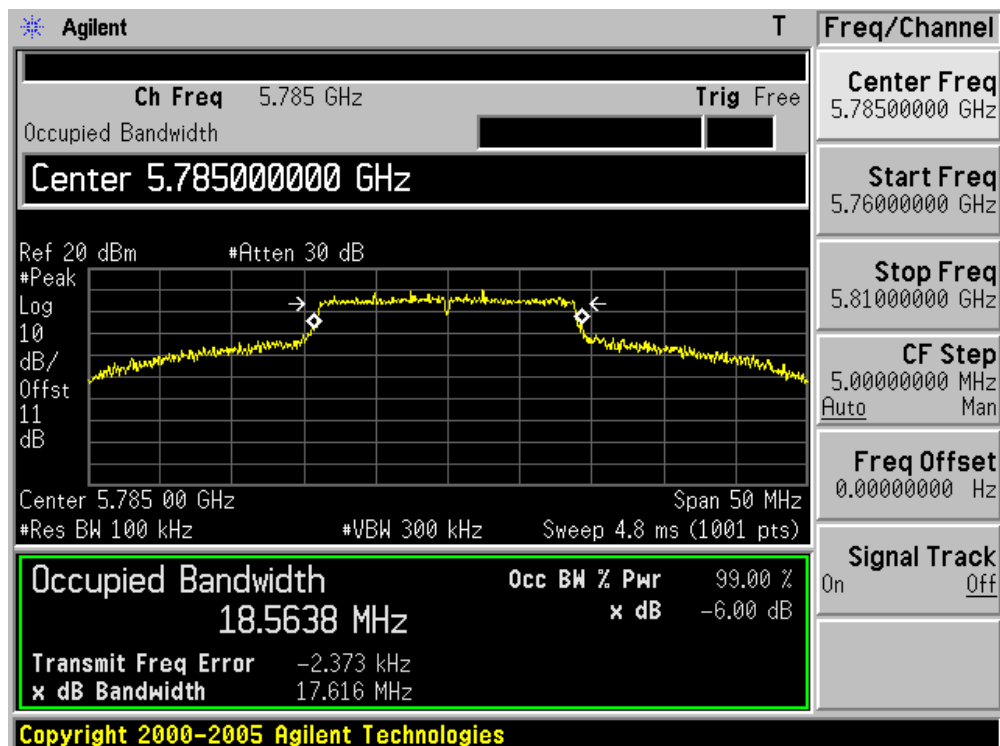
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	17820.0	500	Pass
157	5785	17616.0	500	Pass
165	5825	17616.0	500	Pass

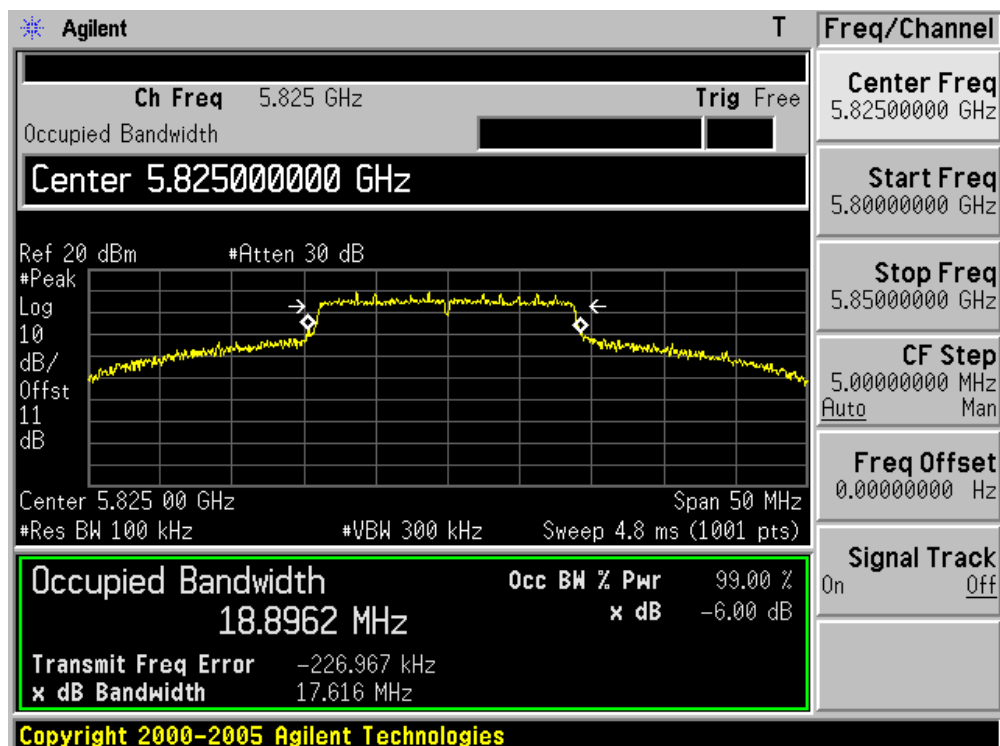
Channel 149 (5745MHz)



Channel 157 (5785MHz)



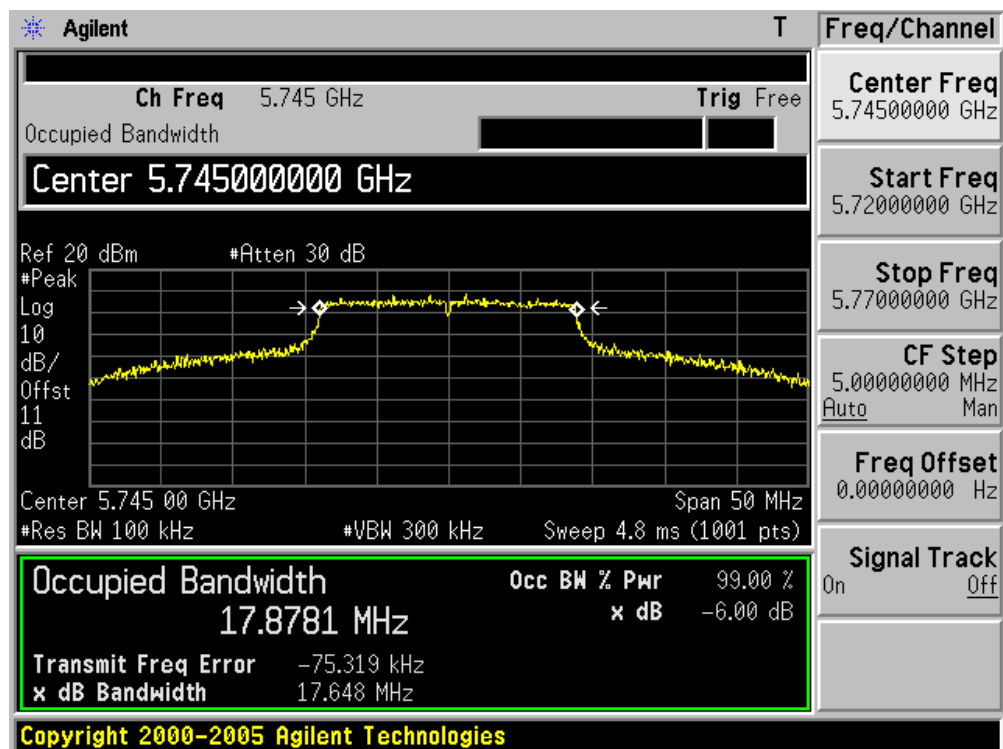
Channel 165 (5825MHz)



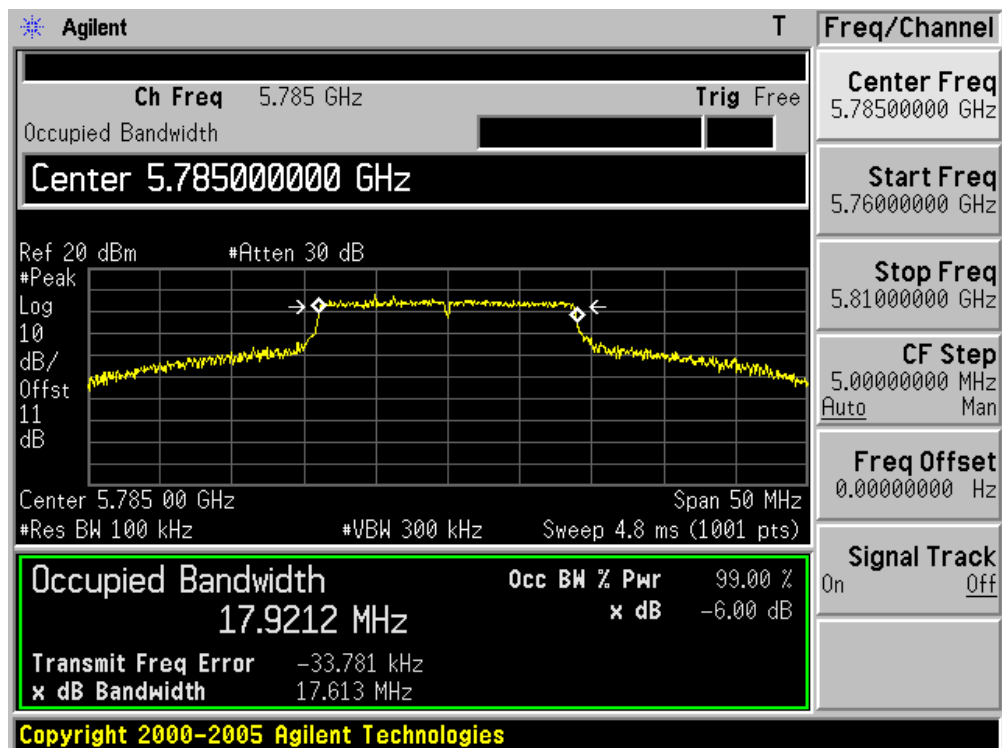
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
149	5745	17648.0	500	Pass
157	5785	17613.0	500	Pass
165	5825	17584.0	500	Pass

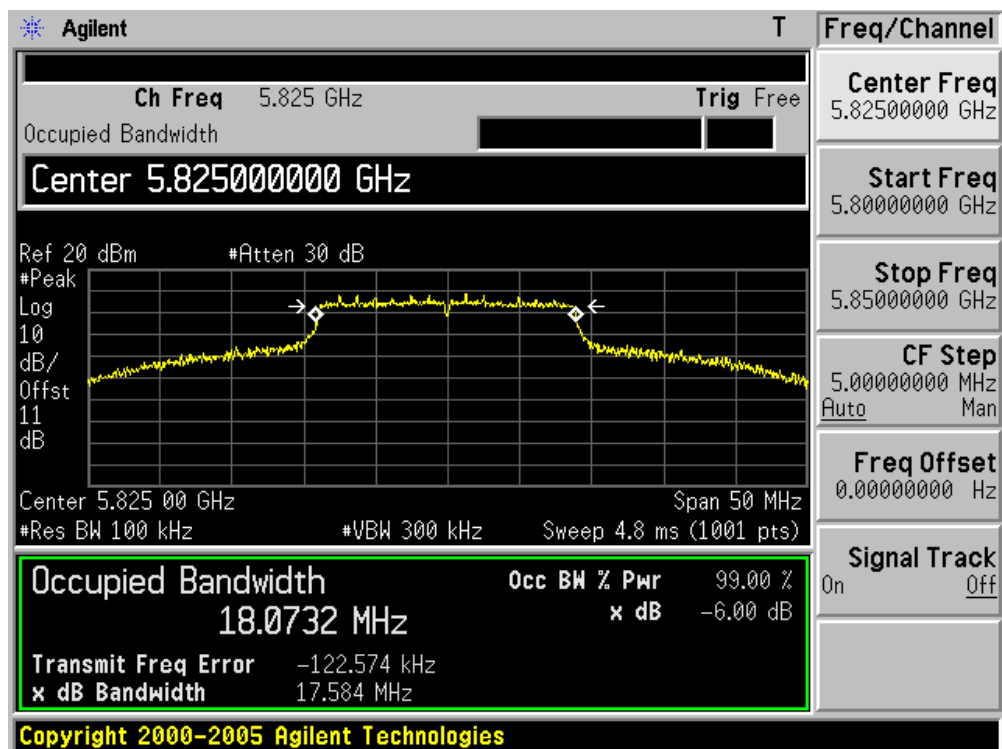
Channel 149 (5745MHz)



Channel 157 (5785MHz)



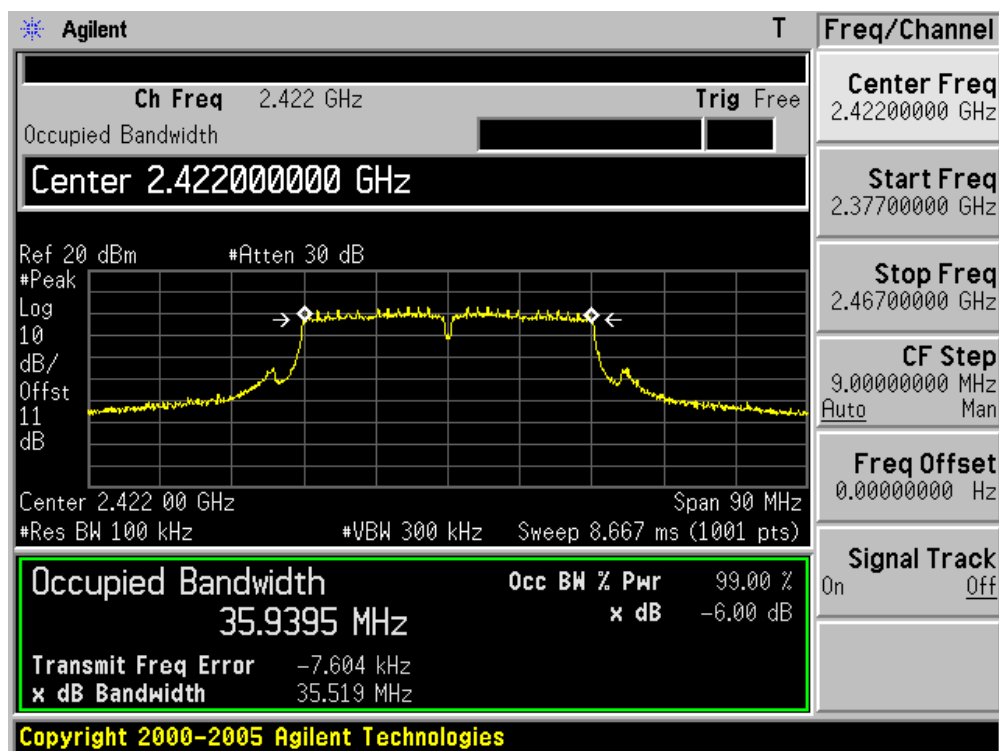
Channel 165 (5825MHz)



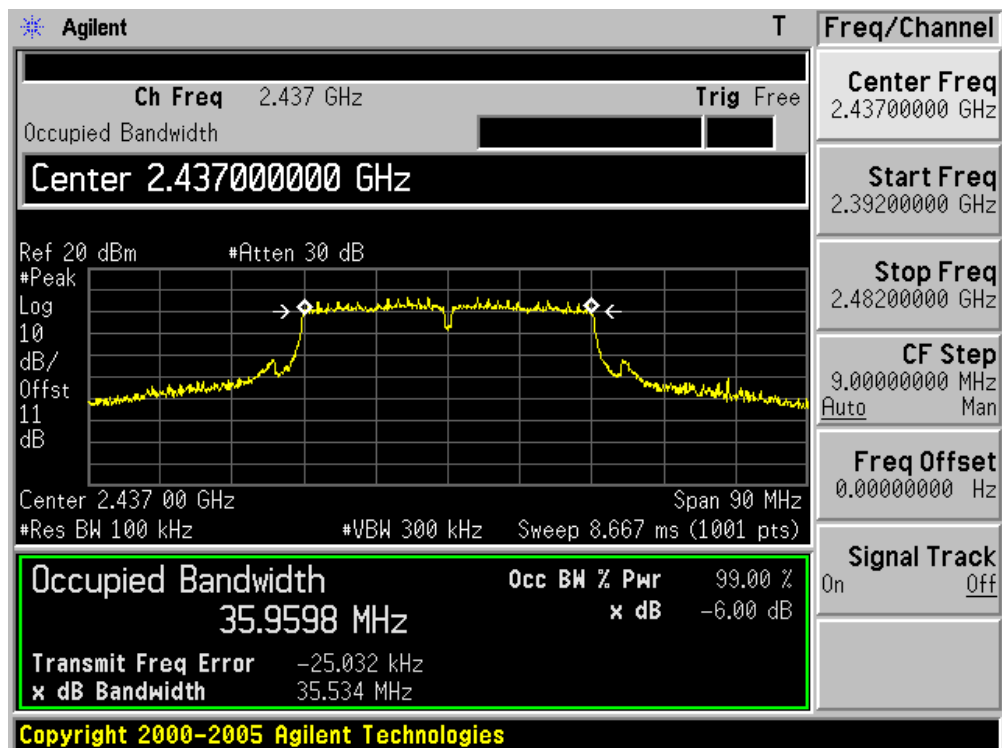
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	35519.0	500	Pass
06	2437	35534.0	500	Pass
09	2452	35245.0	500	Pass
151	5755	36397.0	500	Pass
159	5795	36376.0	500	Pass

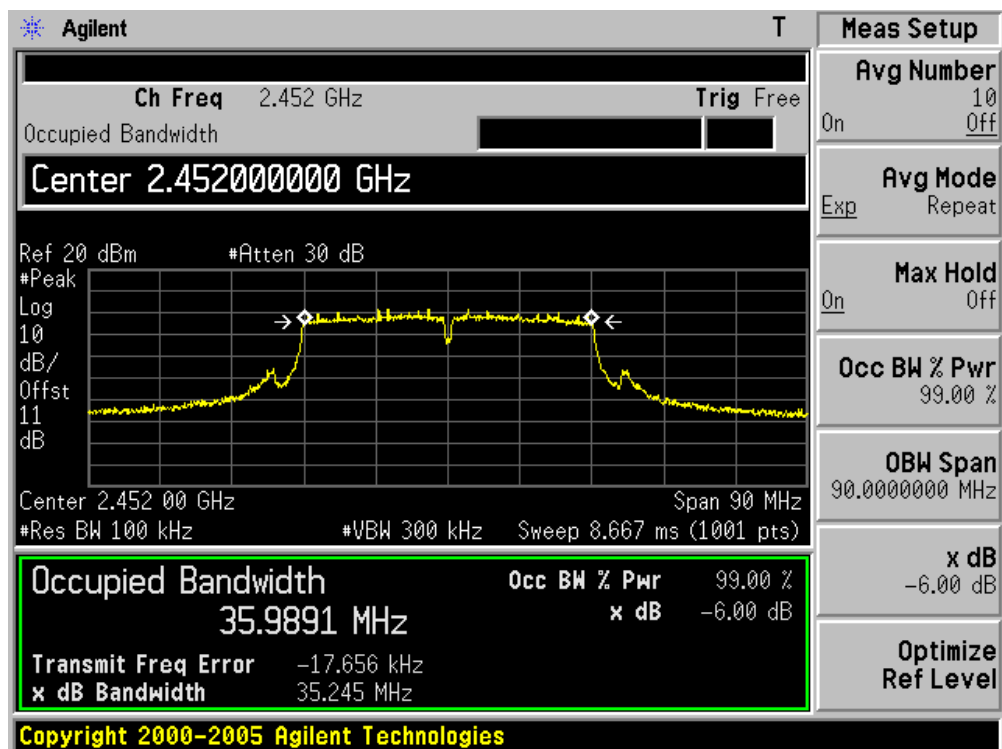
Channel 03 (2422MHz)



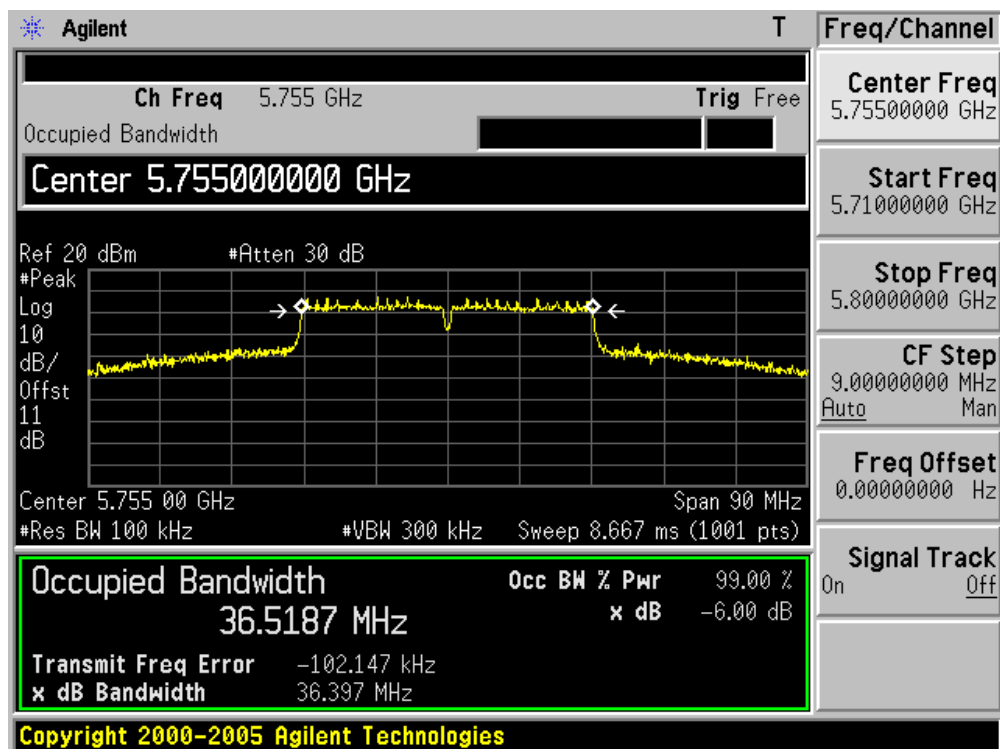
Channel 06 (2437MHz)



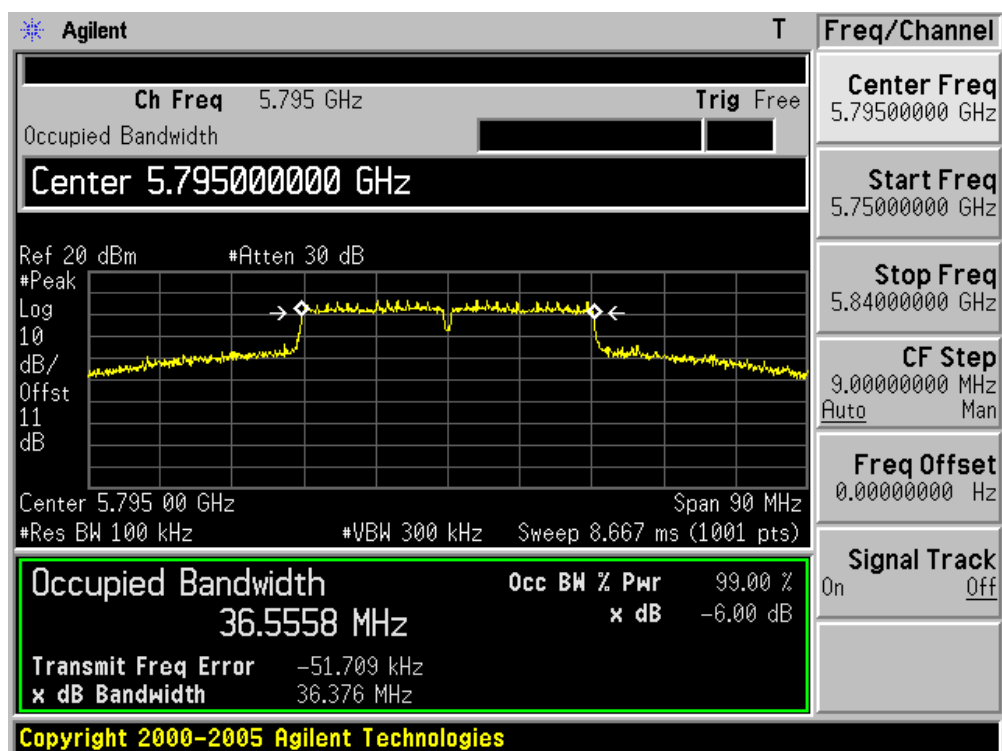
Channel 09 (2452MHz)



Channel 151 (5755MHz)



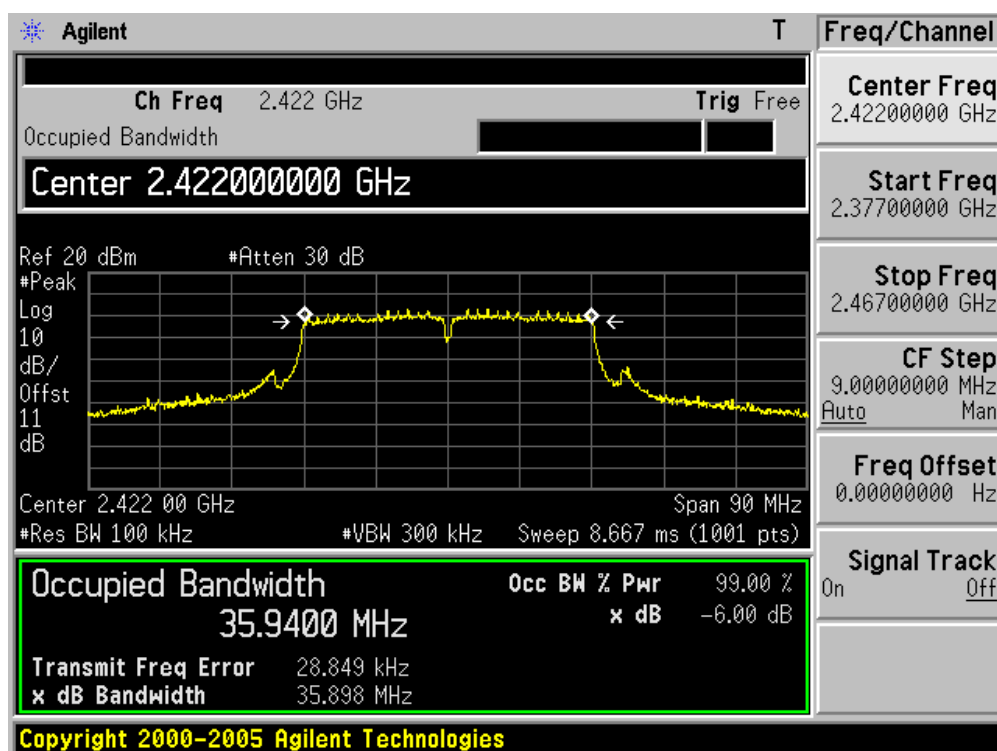
Channel 159 (5795MHz)



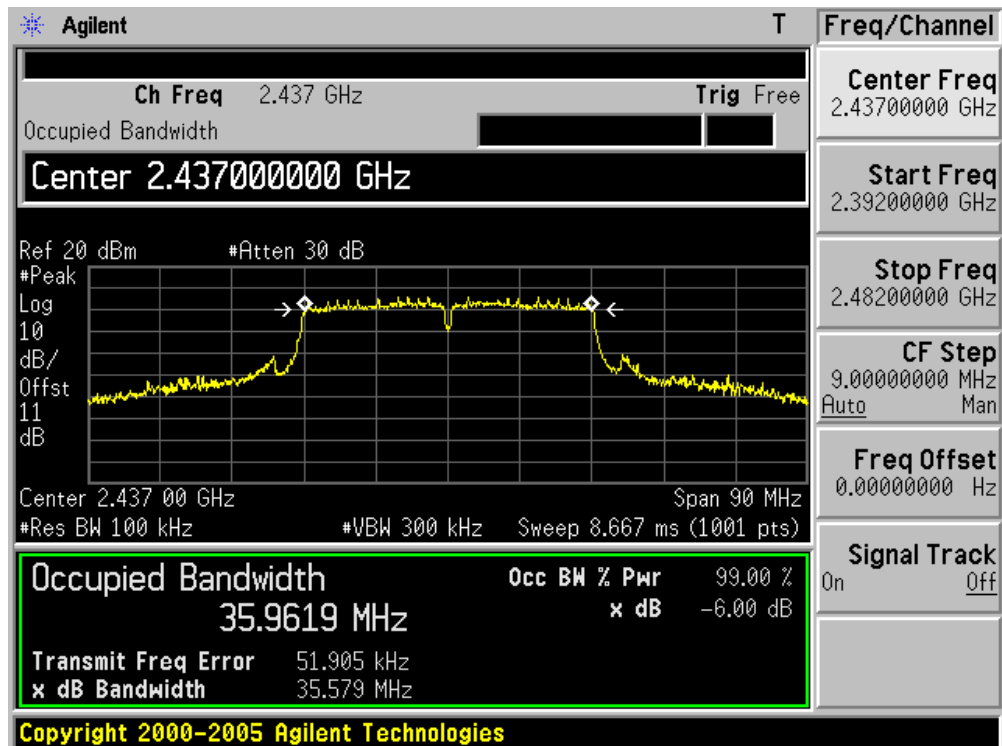
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	35898.0	500	Pass
06	2437	35579.0	500	Pass
09	2452	35513.0	500	Pass
151	5755	36374.0	500	Pass
159	5795	36349.0	500	Pass

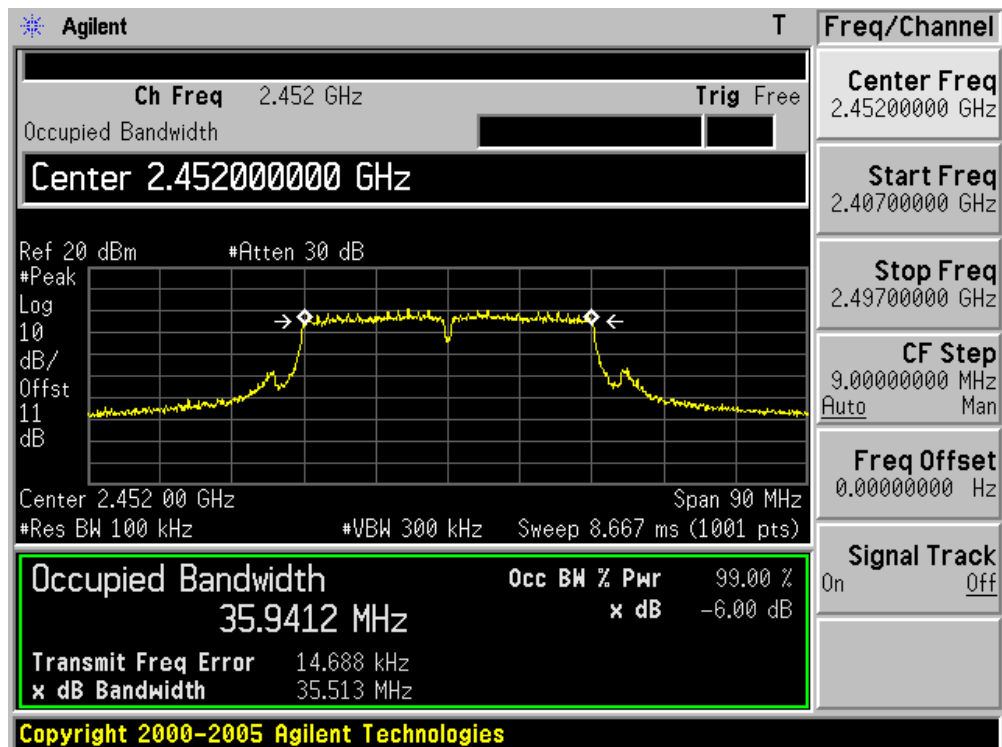
Channel 03 (2422MHz)



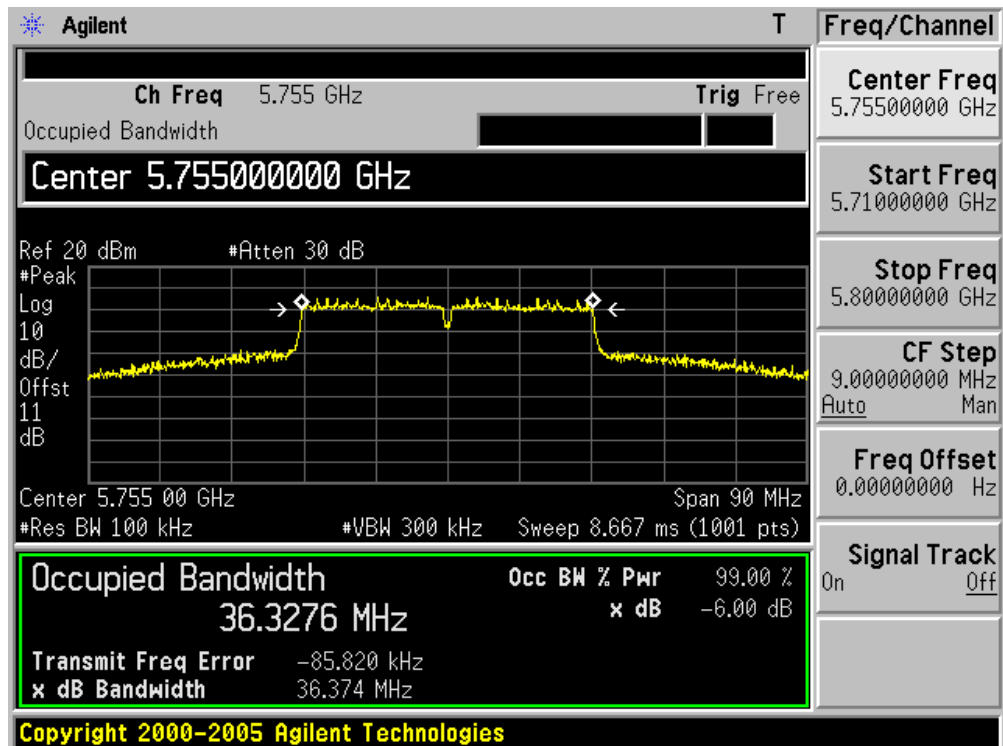
Channel 06 (2437MHz)



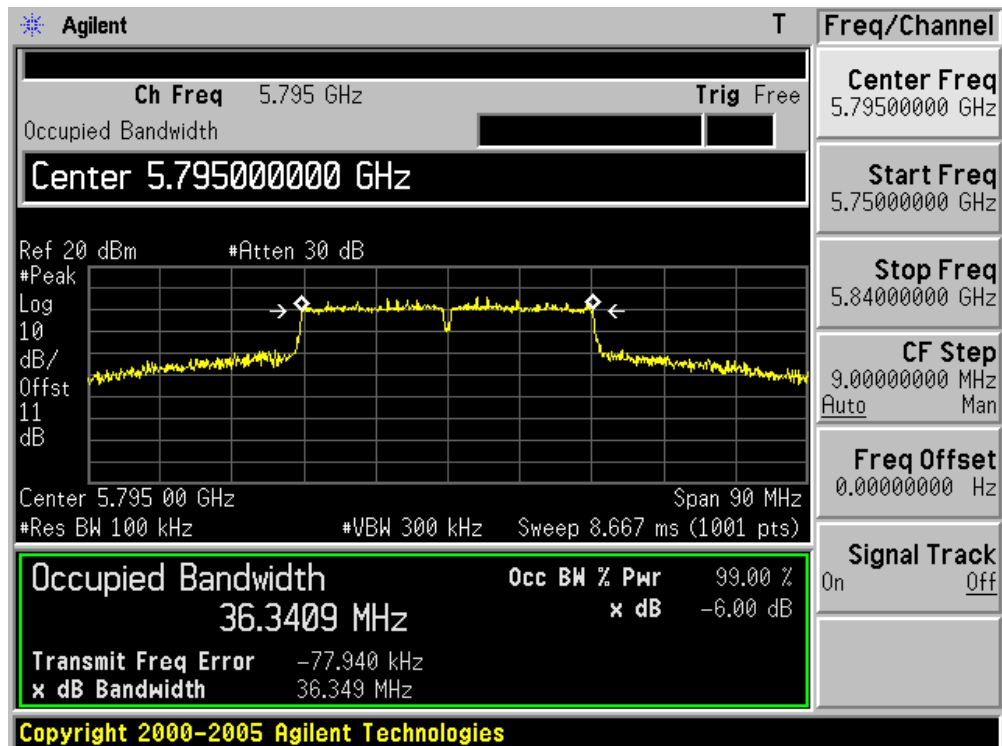
Channel 09 (2452MHz)



Channel 151 (5755MHz)



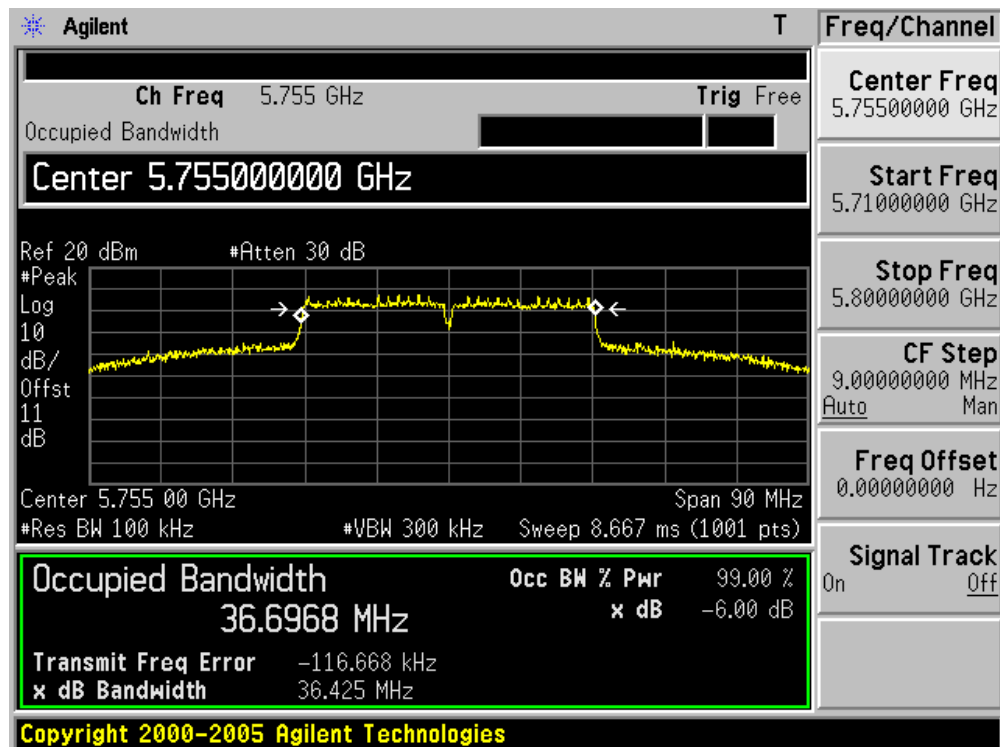
Channel 159 (5795MHz)



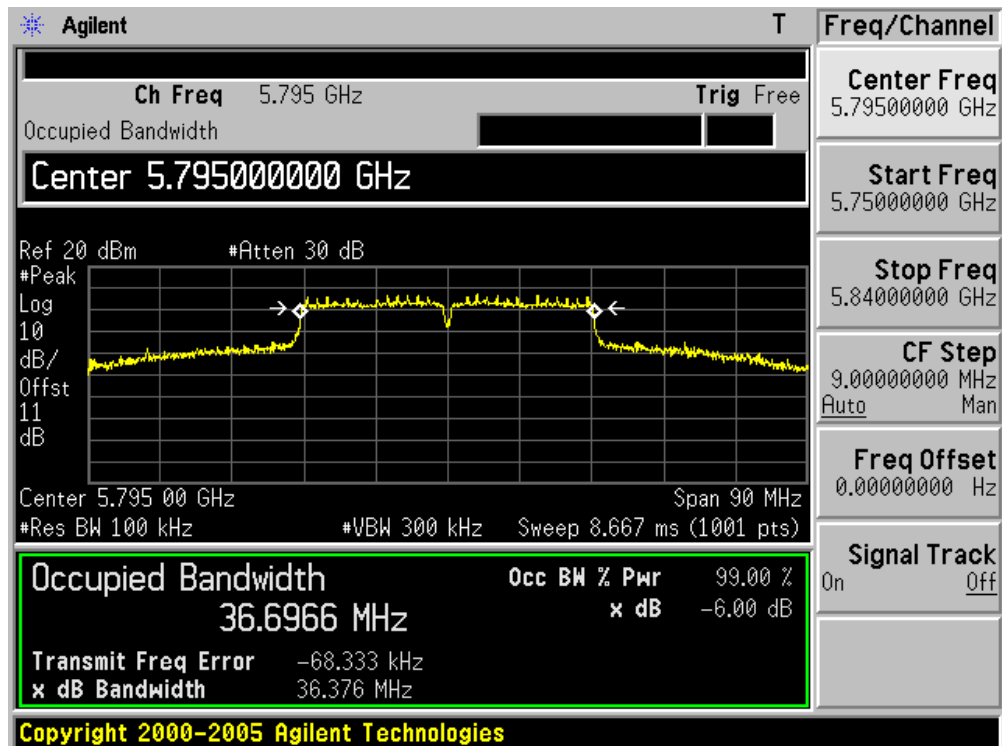
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
151	5755	36425.0	500	Pass
159	5795	36376.0	500	Pass

Channel 151 (5755MHz)



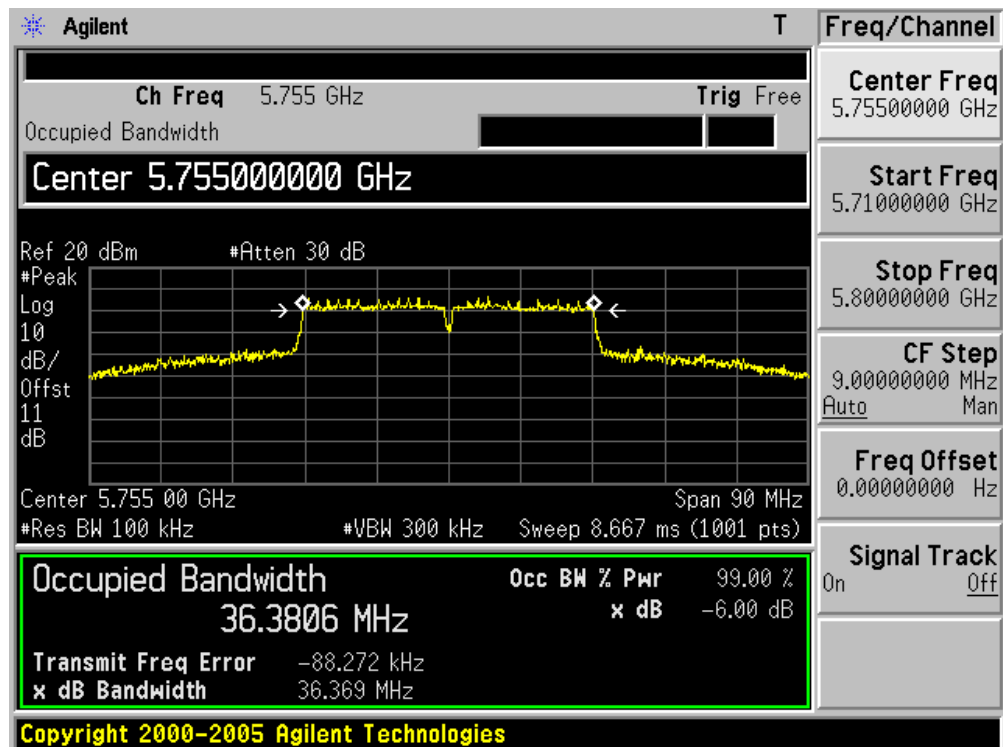
Channel 159 (5795MHz)



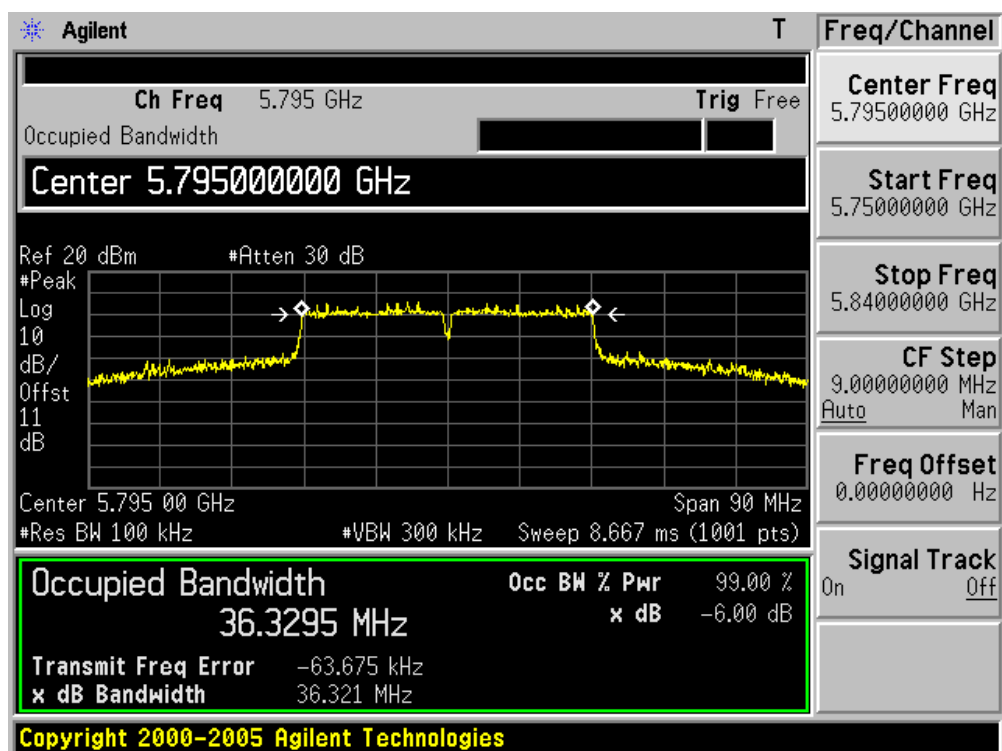
Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
151	5755	36369.0	500	Pass
159	5795	36321.0	500	Pass

Channel 151 (5755MHz)



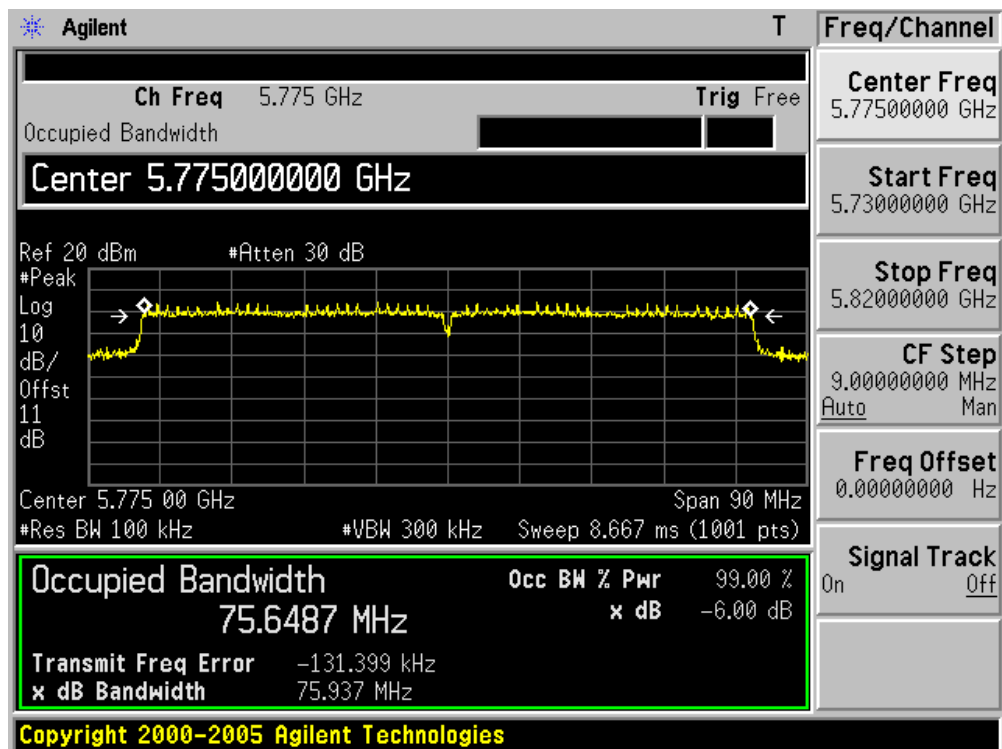
Channel 159 (5795MHz)



Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
155	5775	75937	500	Pass

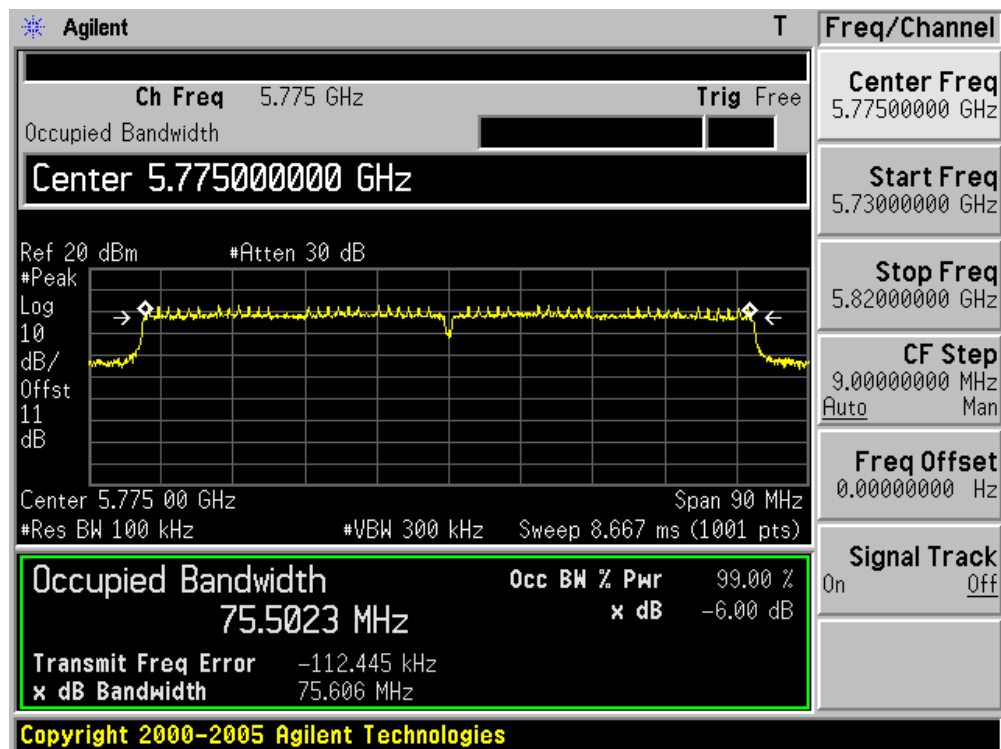
Channel 155 (5775MHz)



Product	:	Mi Wi-Fi
Test Item	:	6dB Occupied Bandwidth
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 2)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
155	5775	75606	500	Pass

Channel 155 (5775MHz)



9. Power Output

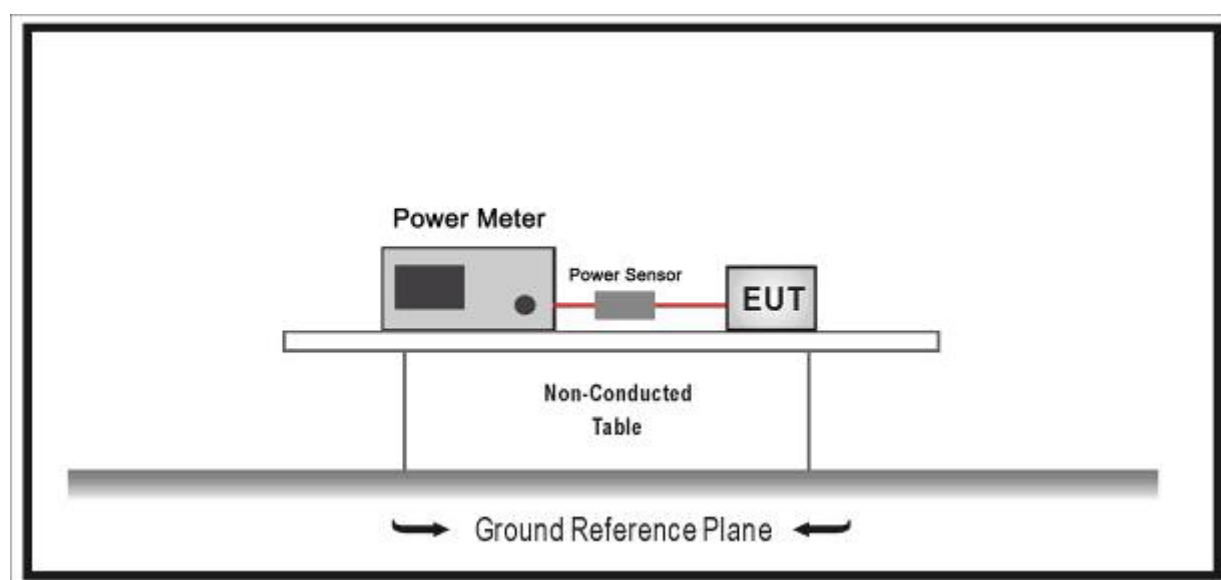
9.1. Test Equipment

Power Output / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2014.11.10
Power Sensor	Anritsu	MA2411B	0846014	2014.11.10
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2015.04.09

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limit

The maximum peak power shall be less 1 Watt (30dBm).

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

The EUT was tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

Use the broadband peak RF power meter to test peak power and record the result.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

9.6. Test Result

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (blue marker) for final test of each channel.

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)						
		802.11b	802.11g	802.11a	20MHz Bandwidth		40MHz Bandwidth	
					800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6	6.5	7.2	13.5	15.0
1	1	2	9	9	13.0	14.4	27.0	30.0
2	1	5.5	12	12	19.5	21.7	40.5	45.0
3	1	11	18	18	26.0	28.9	54.0	60.0
4	1	---	24	24	39.0	43.3	81.0	90.0
5	1	---	36	36	52.0	57.8	108.0	120.0
6	1	---	48	48	58.5	65.0	121.5	135.0
7	1	---	54	54	65.0	72.2	135.0	150.0
8	2	---	---	---	13.0	14.4	27.0	30.0
9	2	---	---	---	26.0	28.9	54.0	60.0
10	2	---	---	---	39.0	43.3	81.0	90.0
11	2	---	---	---	52.0	57.8	108.0	120.0
12	2	---	---	---	78.0	86.7	162.0	180.0
13	2	---	---	---	104.0	115.6	216.0	240.0
14	2	---	---	---	117.0	130.0	243.0	270.0
15	2	---	---	---	130.0	144.0	270.0	300.0

Spatial Streams	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)							
				20MHz		40MHz		80MHz		160MHz	
				Guard Interval		Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5	58.5	65
	1	QPSK	1/2	13	14.4	27	30	58.5	65	117	130
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5	175.5	195
	3	16-QAM	1/2	26	28.9	54	60	117	130	234	260
	4	16-QAM	3/4	39	43.3	81	90	175.5	195	351	390
	5	64-QAM	2/3	52	57.8	108	120	234	260	468	520
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5	526.5	585
	7	64-QAM	5/6	65	72.2	135	150	292.5	325	585	650
	8	256-QAM	3/4	78	86.7	162	180	351	390	702	780

	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3	780	866.7
2	0	BPSK	1/2	13	14.4	27	30	58.6	65	117	130
	1	QPSK	1/2	26	28.8	54	60	117	130	234	260
	2	QPSK	3/4	39	43.4	81	90	175.6	195	351	390
	3	16-QAM	1/2	52	57.8	108	120	234	260	468	520
	4	16-QAM	3/4	78	86.6	162	180	351	390	702	780
	5	64-QAM	2/3	104	115.6	216	240	468	520	936	1040
	6	64-QAM	3/4	117	130	243	270	526.6	585	1053	1170
	7	64-QAM	5/6	130	144.4	270	300	585	650	1170	1300
	8	256-QAM	3/4	156	173.4	324	360	702	780	1404	1560
	9	256-QAM	5/6	N/A	N/A	360	400	780	866.6	1560	1733.4

Power output at various data rates:

Test Mode	Bandwidth	Frequency (MHz)	Channel	Data Rate	Peak Power (dBm)
802.11b(Ant 1)	20	2437	6	1	29.15
				5.5	28.64
				11	27.66
802.11g(Ant 1)	20	2437	6	6	29.13
				24	28.88
				54	28.98
802.11a(Ant 1)	20	5785	157	6	28.85
				24	27.96
				54	28.47
802.11n (Ant 1)	20	2437	6	MCS0	29.34
				MCS4	29.14
				MCS7	27.35
		5785	157	MCS0	28.68
				MCS4	27.75
				MCS7	27.93
802.11ac(Ant 1)	20	5785	157	MCS0NSS1	28.77
				MCS5NSS1	27.92
				MCS8NSS1	27.68
802.11n (Ant 1)	40	2437	6	MCS0	29.37
				MCS4	27.87
				MCS7	28.65
		5755	151	MCS0	28.84
				MCS4	28.63
				MCS7	28.44
802.11ac(Ant 1)	40	5755	151	MCS0NSS1	28.67
				MCS5NSS1	28.33
				MCS9NSS1	27.98
802.11ac(Ant 1)	80	5775	155	MCS0NSS1	28.62
				MCS5NSS1	27.68
				MCS9NSS1	27.34

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	27.27	N/A	27.27	30.00	Pass
6	2437	29.15	N/A	29.15	30.00	Pass
11	2462	27.35	N/A	27.35	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	N/A	27.43	27.43	30.00	Pass
6	2437	N/A	29.12	29.12	30.00	Pass
11	2462	N/A	26.97	26.97	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	29.21	N/A	29.21	30.00	Pass
6	2437	29.13	N/A	29.13	30.00	Pass
11	2462	29.22	N/A	29.22	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	N/A	29.77	29.77	30.00	Pass
6	2437	N/A	29.65	29.65	30.00	Pass
11	2462	N/A	27.11	27.11	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	29.10	N/A	29.10	30.00	Pass
157	5785	28.85	N/A	28.85	30.00	Pass
165	5825	28.75	N/A	28.75	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	N/A	28.13	28.13	30.00	Pass
157	5785	N/A	28.12	28.12	30.00	Pass
165	5825	N/A	27.98	27.98	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	27.51	N/A	27.51	30.00	Pass
6	2437	29.34	N/A	29.34	30.00	Pass
11	2462	27.95	N/A	27.95	30.00	Pass
149	5745	28.95	N/A	28.95	30.00	Pass
157	5785	28.68	N/A	28.68	30.00	Pass
165	5825	28.71	N/A	28.71	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	N/A	28.29	28.29	30.00	Pass
6	2437	N/A	29.23	29.23	30.00	Pass
11	2462	N/A	26.22	26.22	30.00	Pass
149	5745	N/A	28.11	28.11	30.00	Pass
157	5785	N/A	28.13	28.13	30.00	Pass
165	5825	N/A	28.02	28.02	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
1	2412	26.43	26.21	29.33	30.00	Pass
6	2437	26.79	26.14	29.49	30.00	Pass
11	2462	26.64	26.02	29.35	30.00	Pass
149	5745	26.22	26.37	29.31	29.47	Pass
157	5785	26.12	25.72	28.93	29.47	Pass
165	5825	26.13	26.34	29.25	29.47	Pass

Note: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$ dBi=6.53, Limit=30.00-(6.53-6)=29.47

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	28.93	N/A	28.93	30.00	Pass
157	5785	28.77	N/A	28.77	30.00	Pass
165	5825	28.61	N/A	28.61	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	N/A	28.21	28.21	30.00	Pass
157	5785	N/A	28.16	28.16	30.00	Pass
165	5825	N/A	28.03	28.03	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	26.42	26.45	29.45	29.47	Pass
157	5785	26.42	26.23	29.34	29.47	Pass
165	5825	26.44	26.24	29.35	29.47	Pass

Note: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$ dBi=6.53, Limit=30.00-(6.53-6)=29.47

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
3	2422	27.13	N/A	27.13	30.00	Pass
6	2437	29.37	N/A	29.37	30.00	Pass
9	2452	26.13	N/A	26.13	30.00	Pass
151	5755	28.84	N/A	28.84	30.00	Pass
159	5795	28.62	N/A	28.62	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
3	2422	27.13	N/A	27.13	30.00	Pass
6	2437	29.37	N/A	29.37	30.00	Pass
9	2452	26.13	N/A	26.13	30.00	Pass
151	5755	28.14	N/A	28.14	30.00	Pass
159	5795	28.05	N/A	28.05	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
3	2422	24.43	25.47	27.99	30.00	Pass
6	2437	26.19	26.99	29.62	30.00	Pass
9	2452	23.32	24.87	27.17	29.47	Pass
151	5755	26.21	26.13	29.18	29.47	Pass
159	5795	26.32	26.16	29.25	29.47	Pass

Note: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$ dBi=6.53, Limit=30.00-(6.53-6)=29.47

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
151	5755	28.67	N/A	28.67	30.00	Pass
159	5795	28.72	N/A	28.72	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
151	5755	N/A	28.09	28.09	30.00	Pass
159	5795	N/A	28.07	28.07	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
151	5755	26.23	26.34	29.30	29.47	Pass
159	5795	26.18	26.32	29.26	29.47	Pass

Note: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$ dBi=6.5, Limit=30.00-(6.53-6)=29.47

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 7: Transmit by 802.11ac(80MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
155	5775	28.62	N/A	28.62	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 7: Transmit by 802.11ac(80MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
155	5775	N/A	27.92	27.92	30.00	Pass

Product	:	Mi Wi-Fi
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 7: Transmit by 802.11ac(80MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
155	5775	26.31	26.16	29.25	29.47	Pass

Note: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$ dBi=6.53, Limit=30.00-(6.53-6)=29.47

10. Power Spectral Density

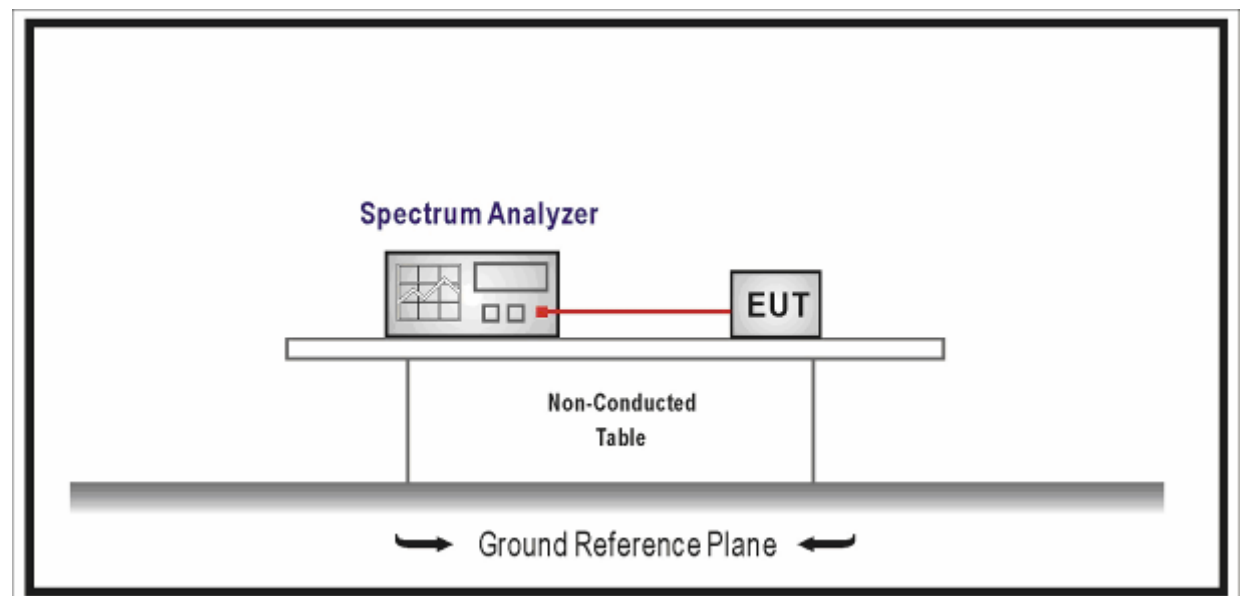
10.1. Test Equipment

Power Spectral Density / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2015.01.07
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2015.04.09

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

10.2. Test Setup



10.3. Limit

For digitally modulated systems, the 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.

10.4. Test Procedure

The EUT was tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

Set analyzer center frequency to DTS channel center frequency, the span to 1.5 times the DTS channel bandwidth, Set 100 kHz RBW 3 kHz, Set VBW 3 * RBW, Sweep time = auto couple, Detector = peak, Trace mode = max hold, Allow trace to fully stabilize, use the peak marker function to determine the maximum amplitude level. If measured value exceed limit reduce RBW (no less than 3kHz) and repeat.

10.5. Uncertainty

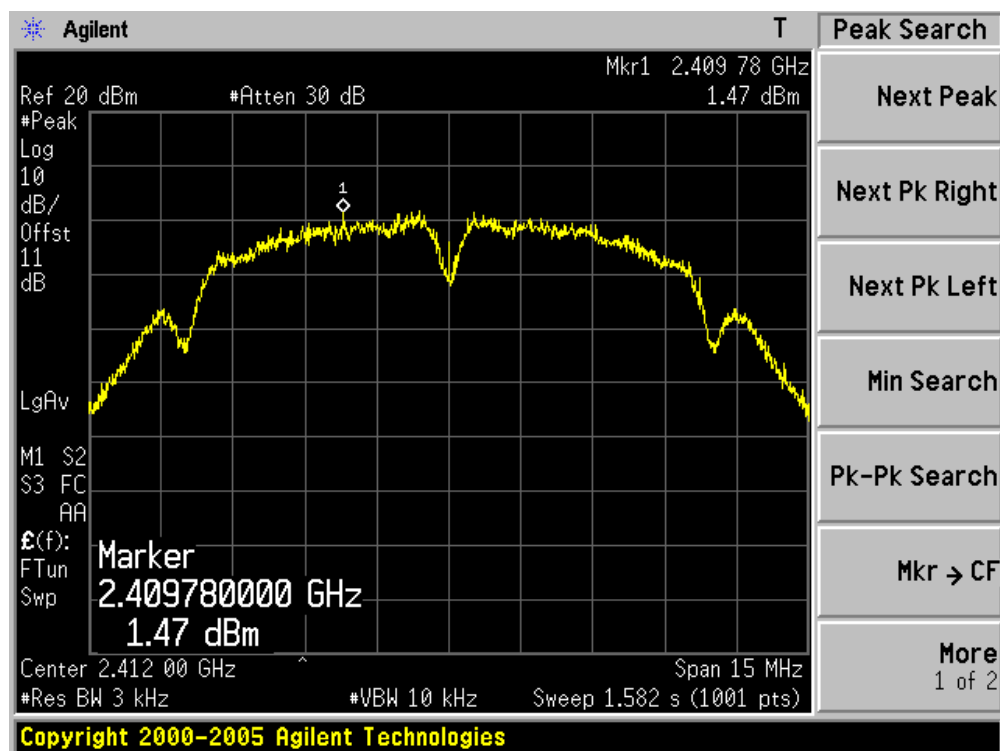
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

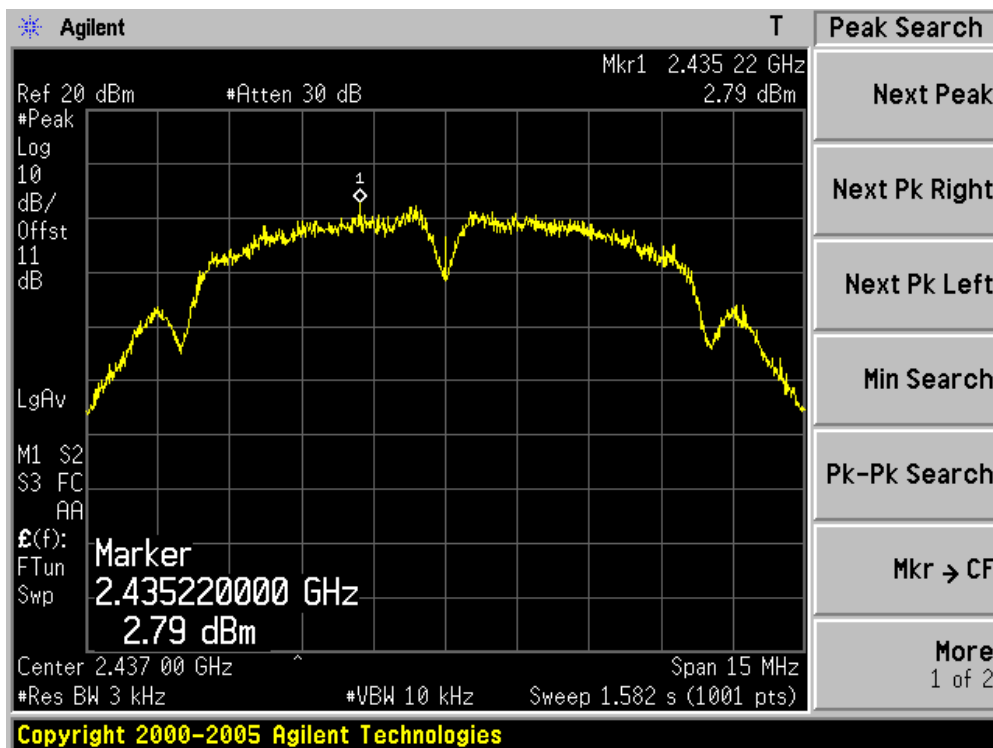
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	1.47	N/A	1.47	8	Pass
06	2437	2.79	N/A	2.79	8	Pass
11	2462	1.97	N/A	1.97	8	Pass

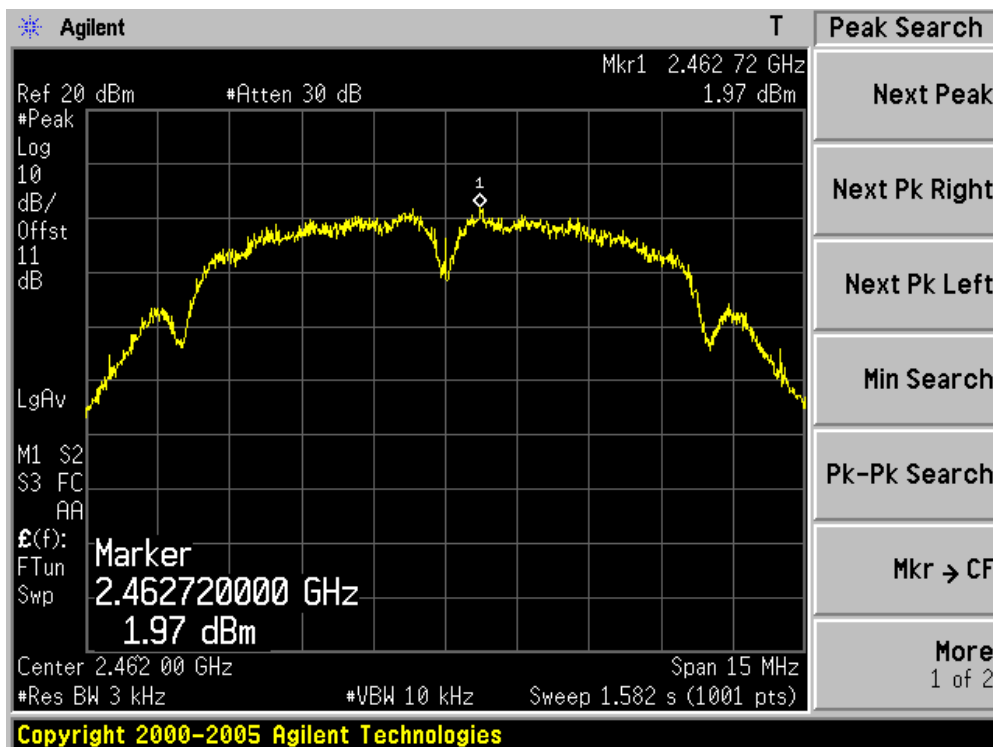
Channel 01 (2412MHz)



Channel 06 (2437MHz)



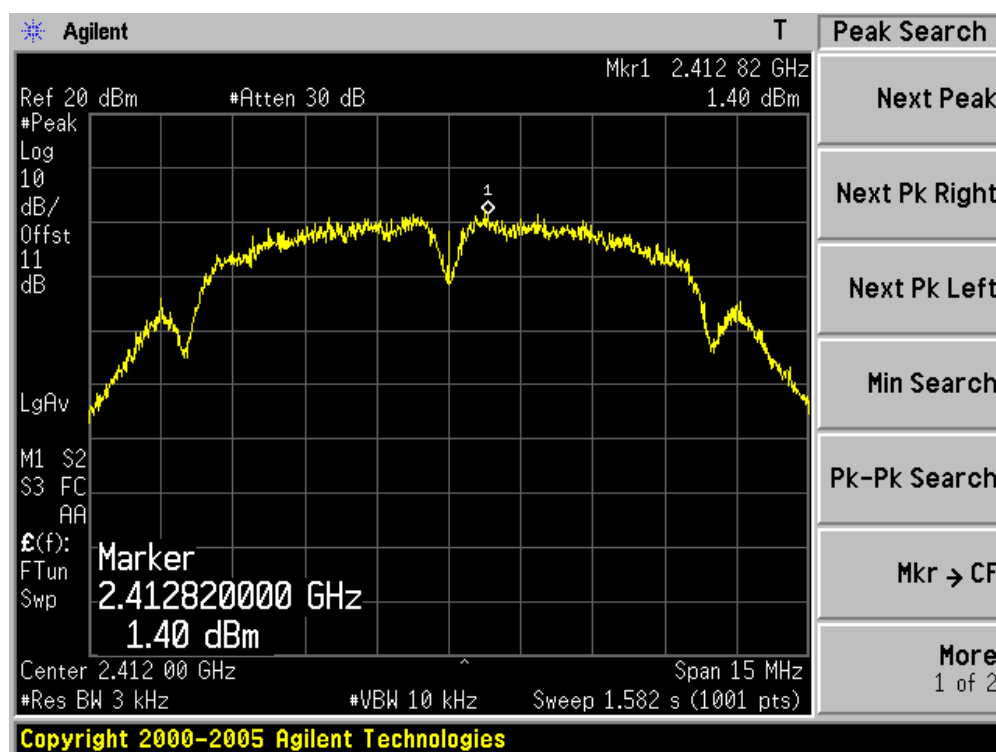
Channel 11 (2462MHz)



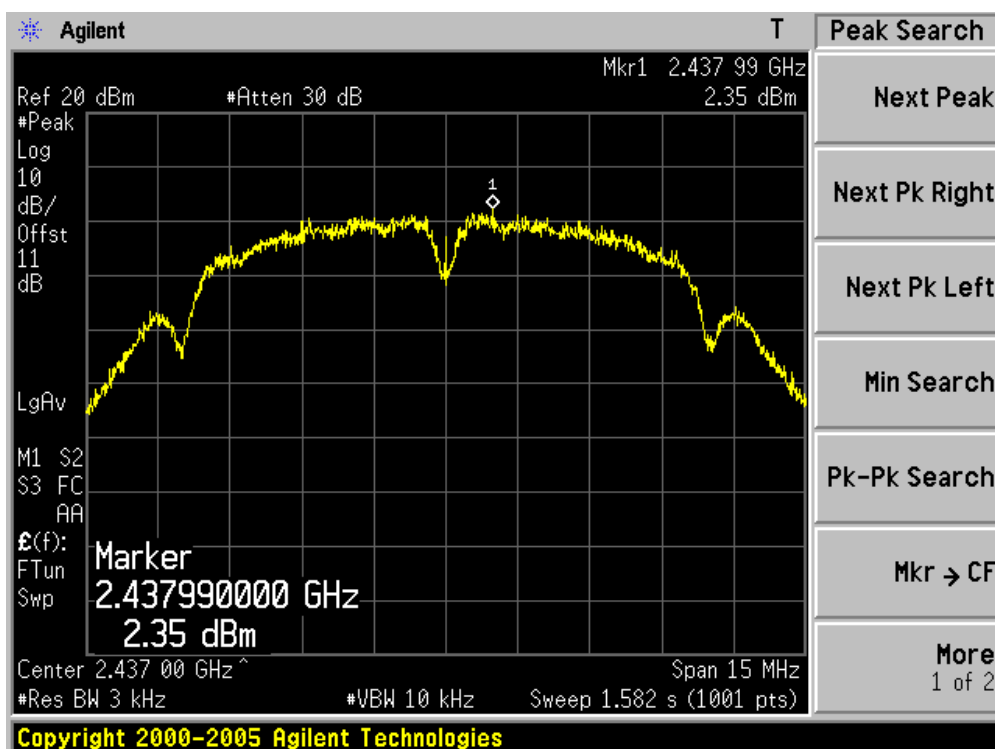
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	N/A	1.40	1.40	8	Pass
06	2437	N/A	2.35	2.35	8	Pass
11	2462	N/A	1.61	1.61	8	Pass

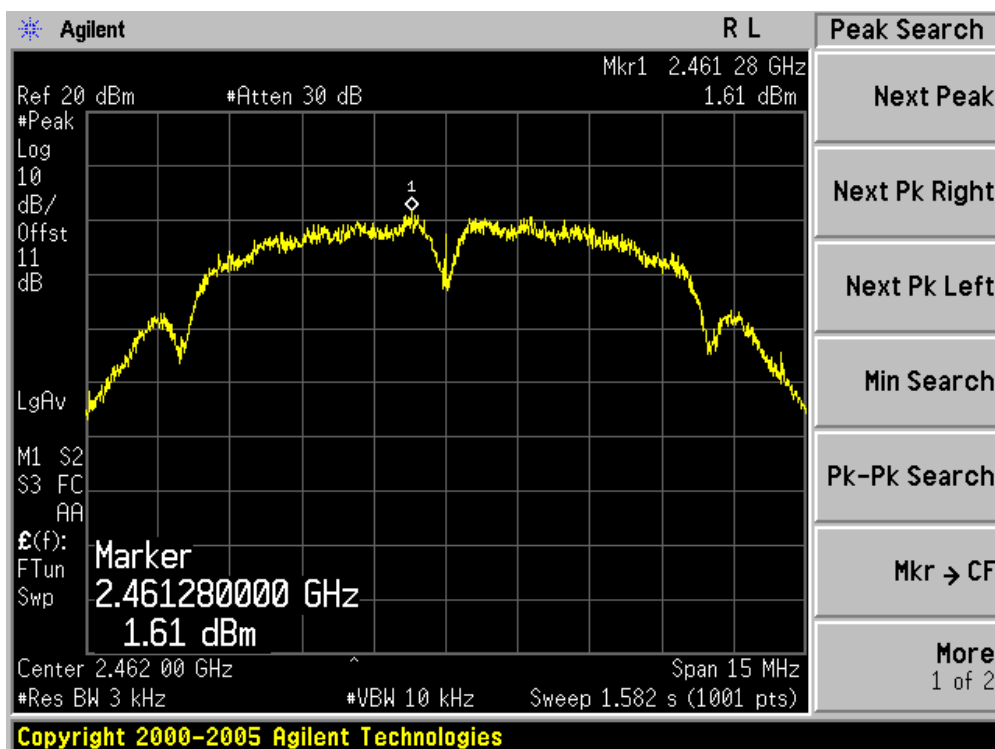
Channel 01 (2412MHz)



Channel 06 (2437MHz)



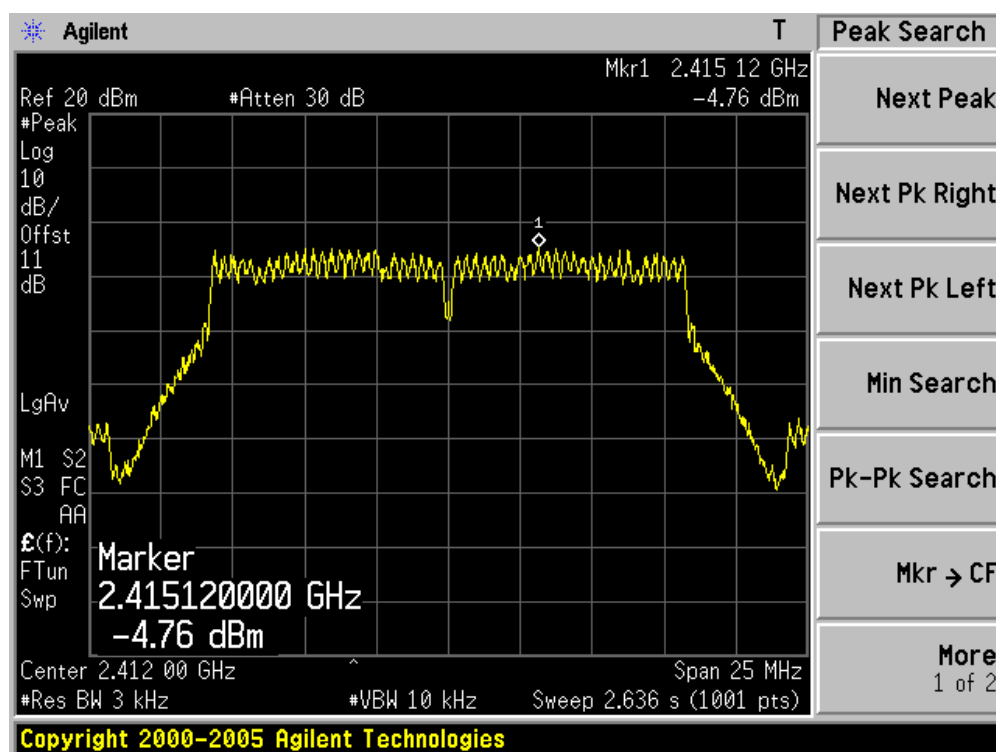
Channel 11 (2462MHz)



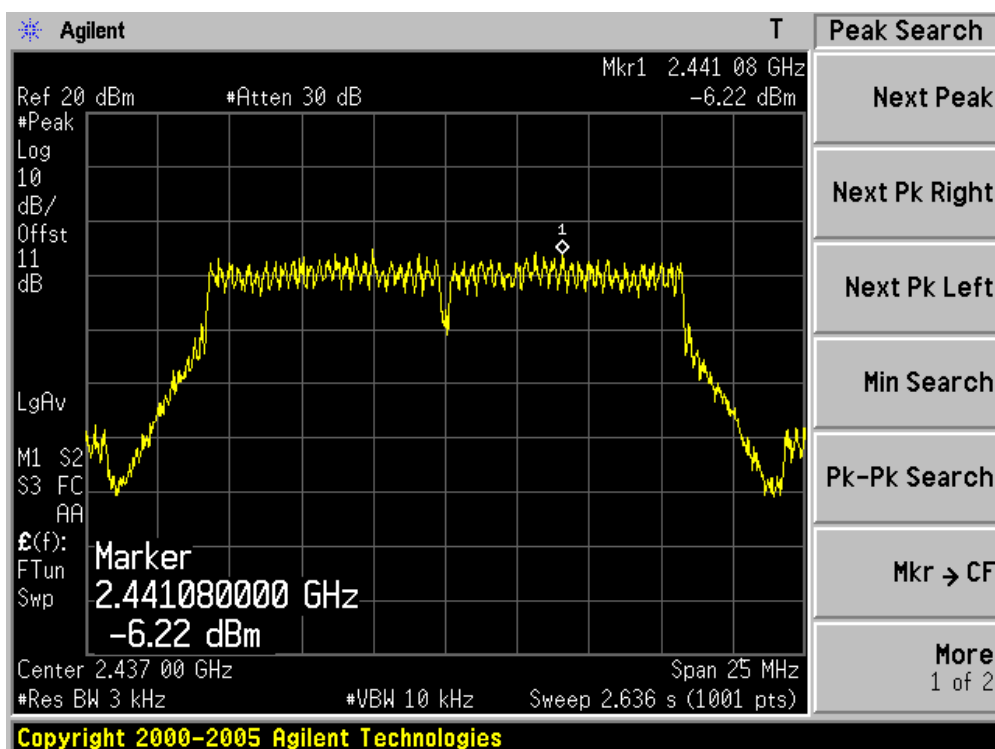
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	-4.76	N/A	-4.76	8	Pass
06	2437	-6.22	N/A	-6.22	8	Pass
11	2462	-5.50	N/A	-5.50	8	Pass

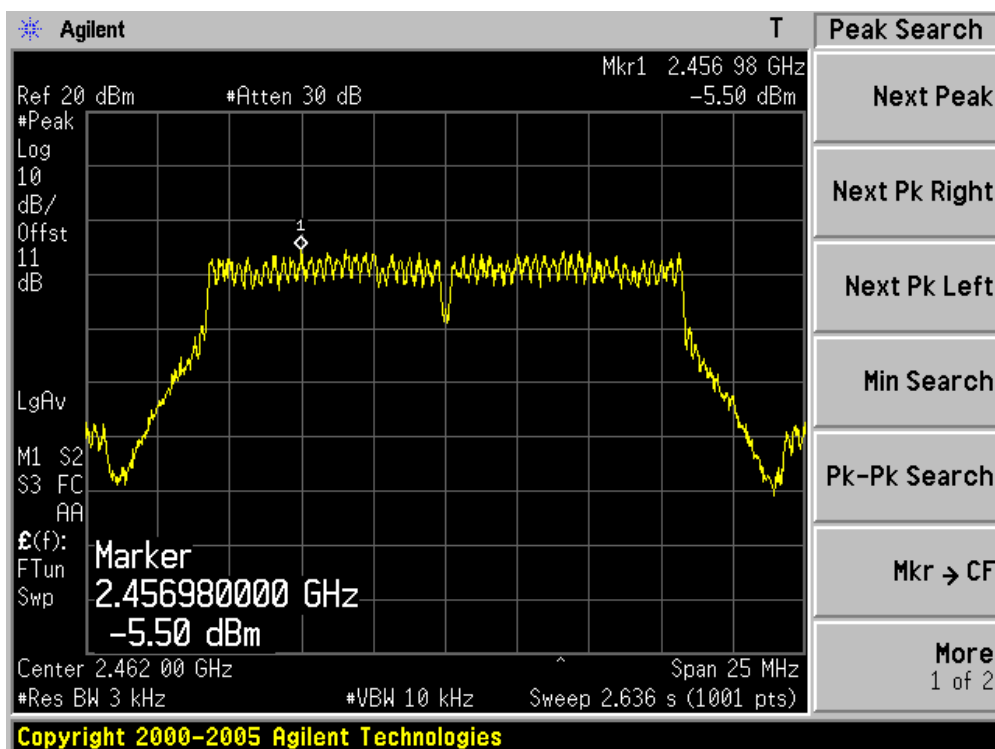
Channel 01 (2412MHz)



Channel 06 (2437MHz)



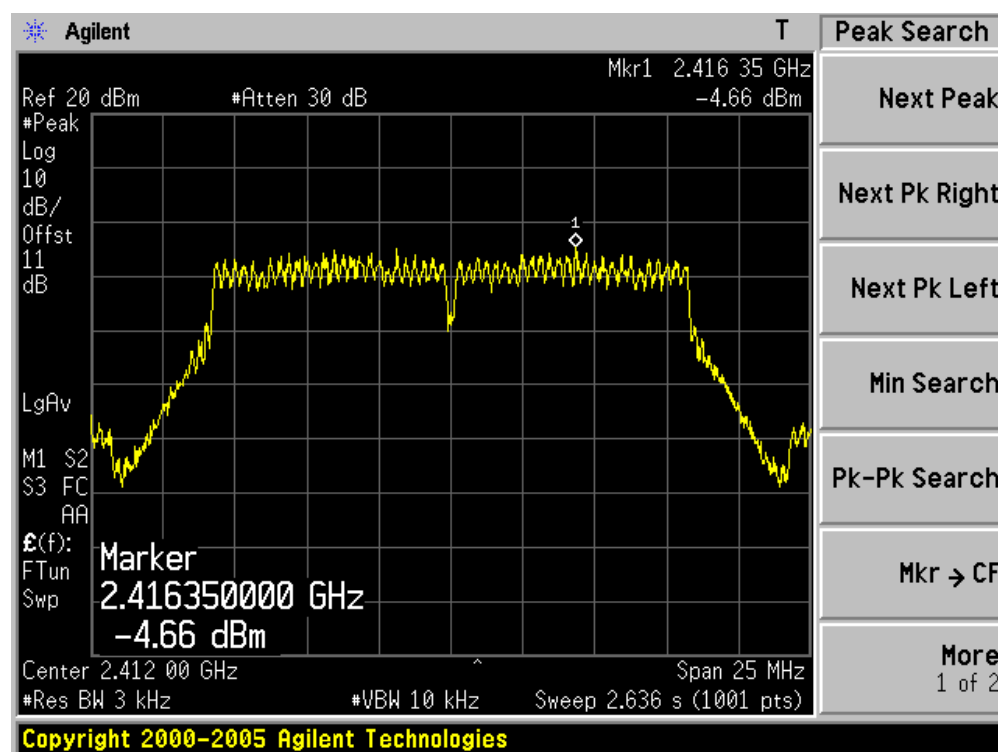
Channel 11 (2462MHz)



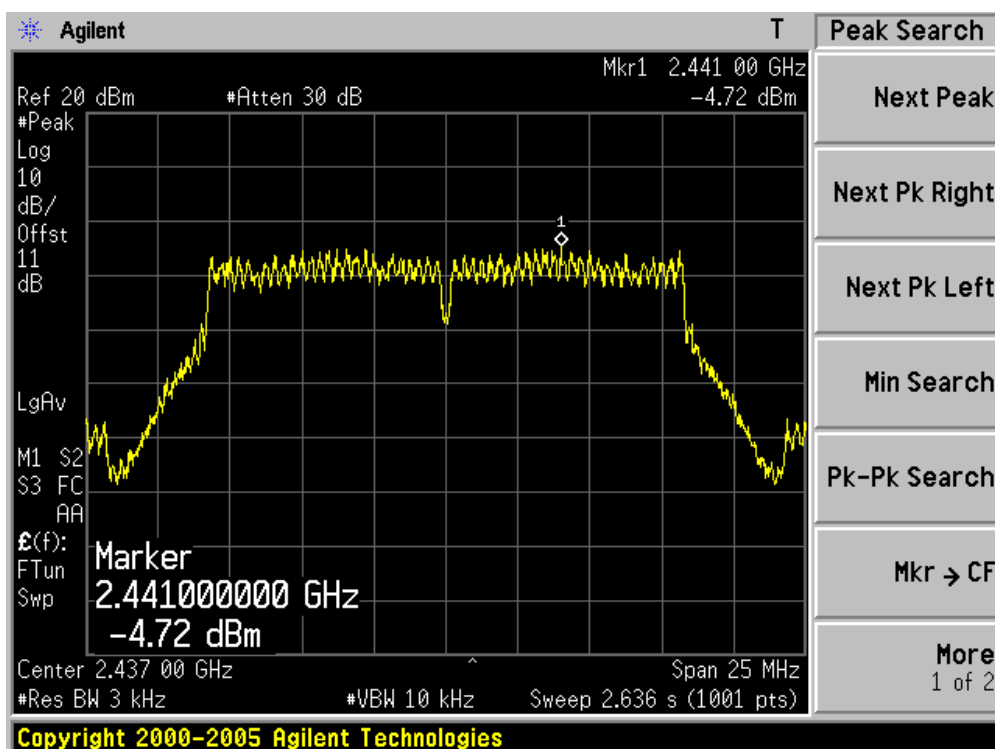
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	N/A	-4.66	-4.66	8	Pass
06	2437	N/A	-4.72	-4.72	8	Pass
11	2462	N/A	-7.18	-7.18	8	Pass

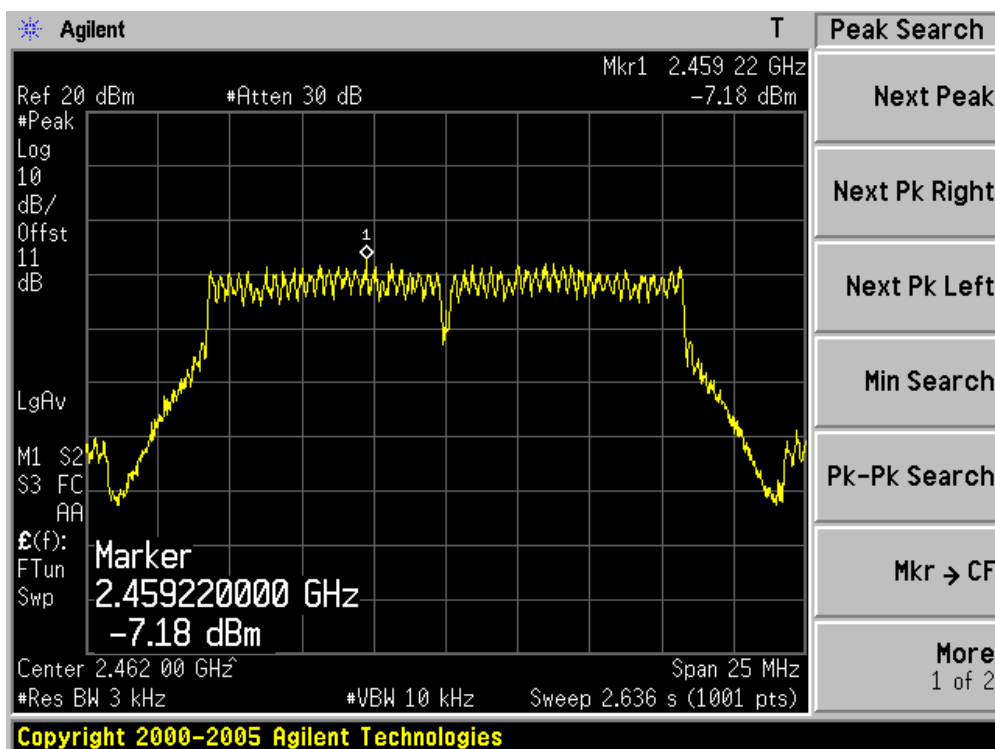
Channel 01 (2412MHz)



Channel 06 (2437MHz)



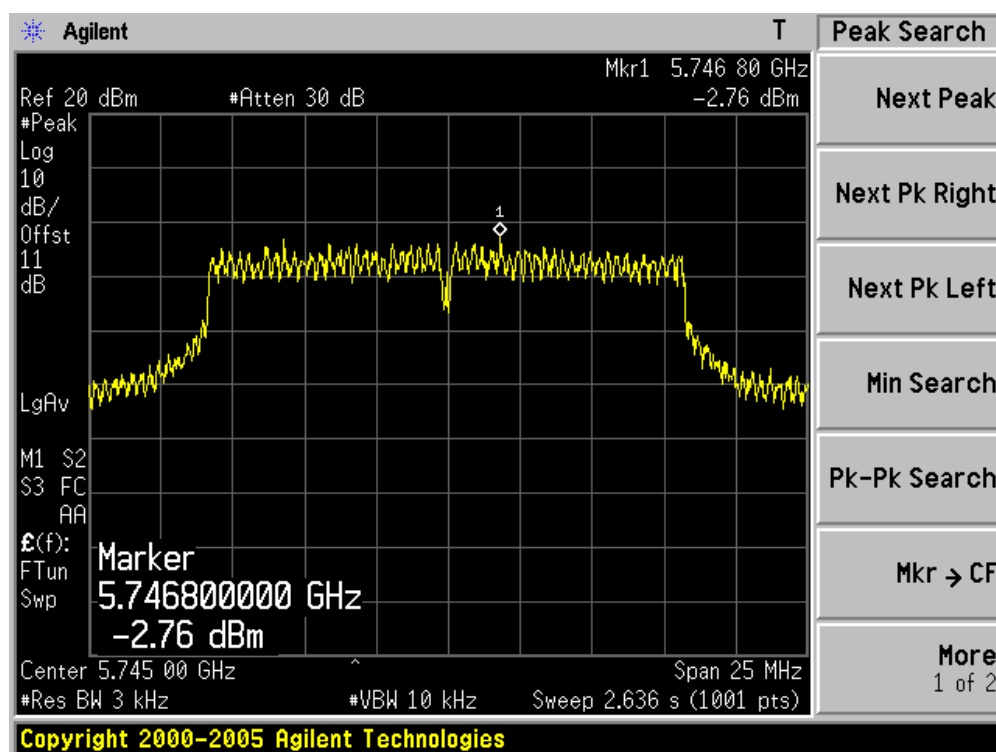
Channel 11 (2462MHz)



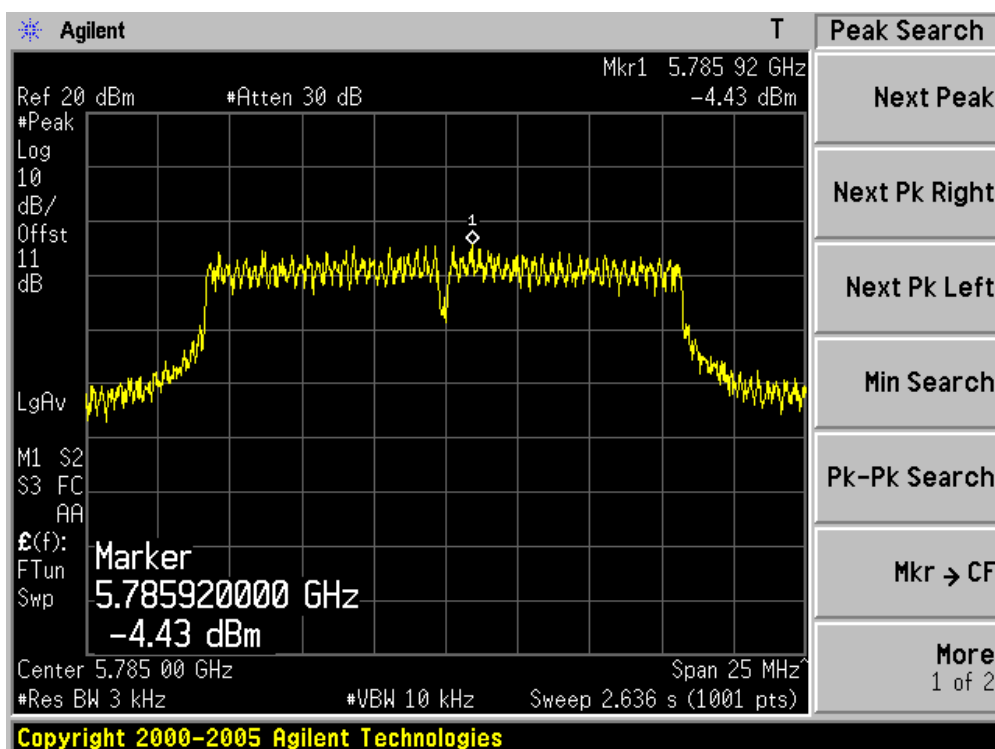
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	-2.76	N/A	-2.76	8	Pass
157	5785	-4.43	N/A	-4.43	8	Pass
165	5825	-4.01	N/A	-4.01	8	Pass

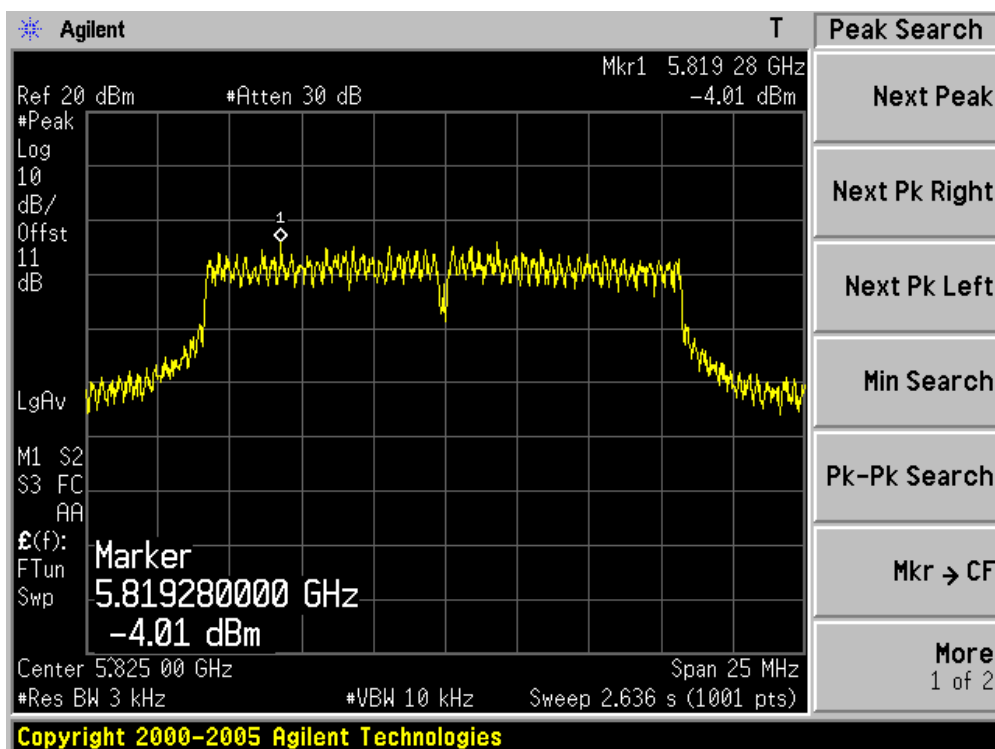
Channel 149 (5745MHz)



Channel 157 (5785MHz)



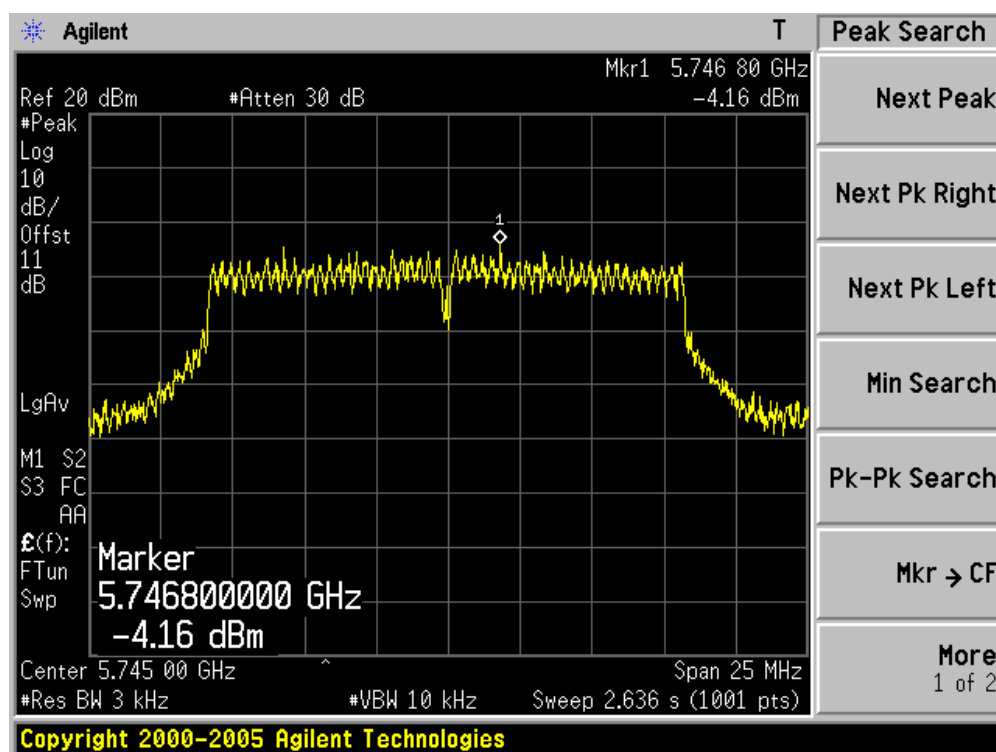
Channel 165 (5825MHz)



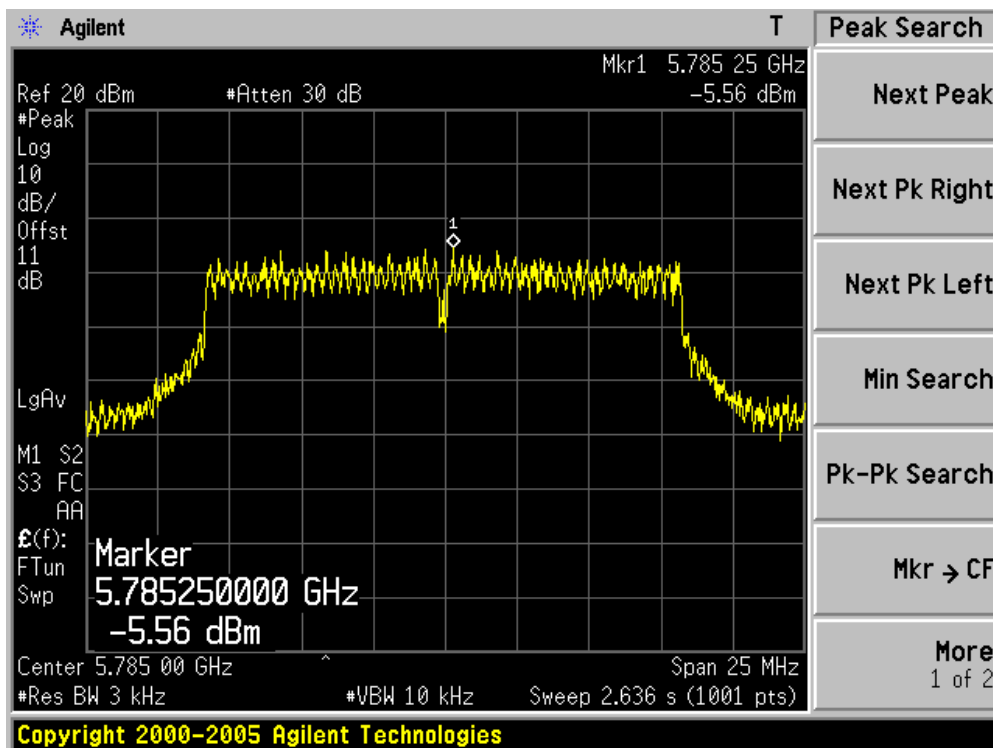
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11a (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	N/A	-4.16	-4.16	8	Pass
157	5785	N/A	-5.56	-5.56	8	Pass
165	5825	N/A	-5.05	-5.05	8	Pass

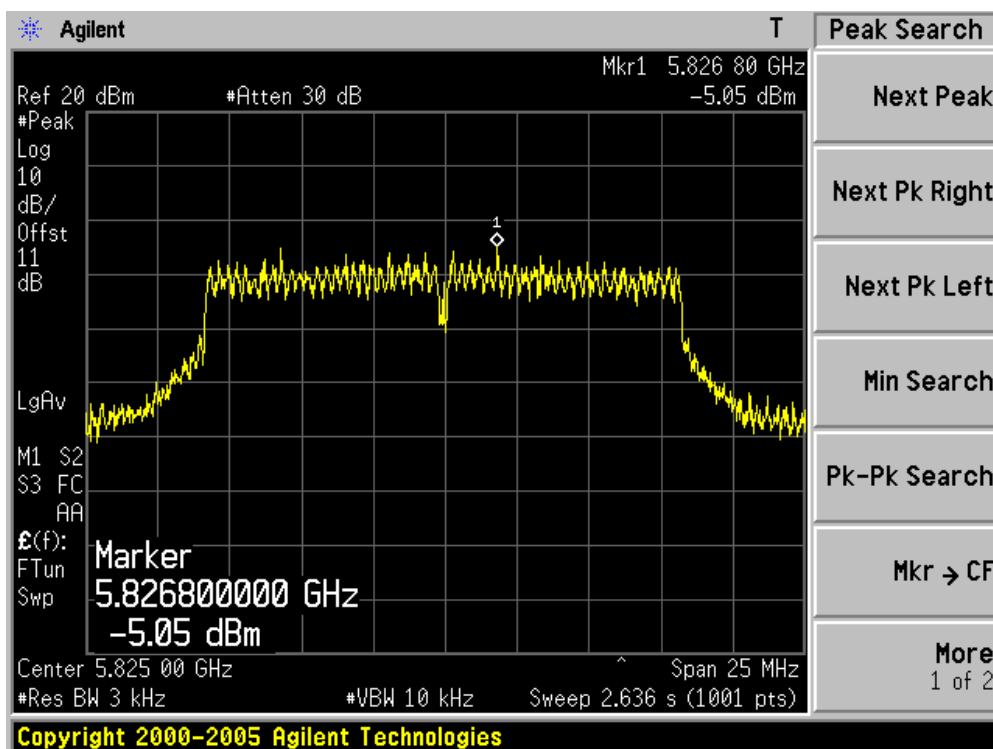
Channel 149 (5745MHz)



Channel 157 (5785MHz)



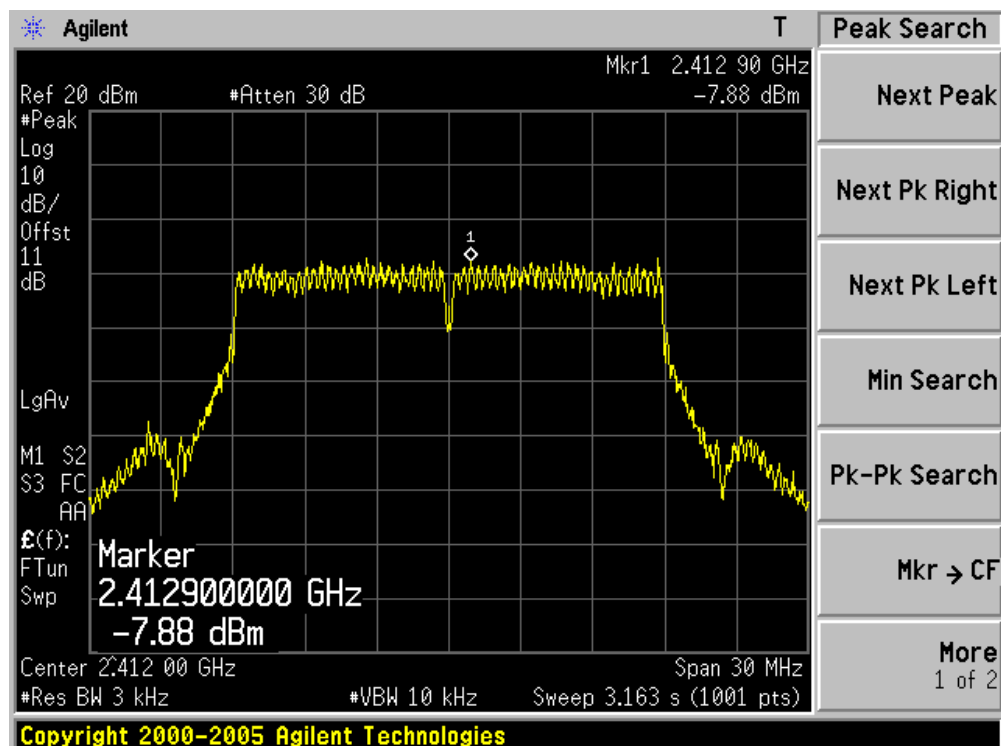
Channel 165 (5825MHz)



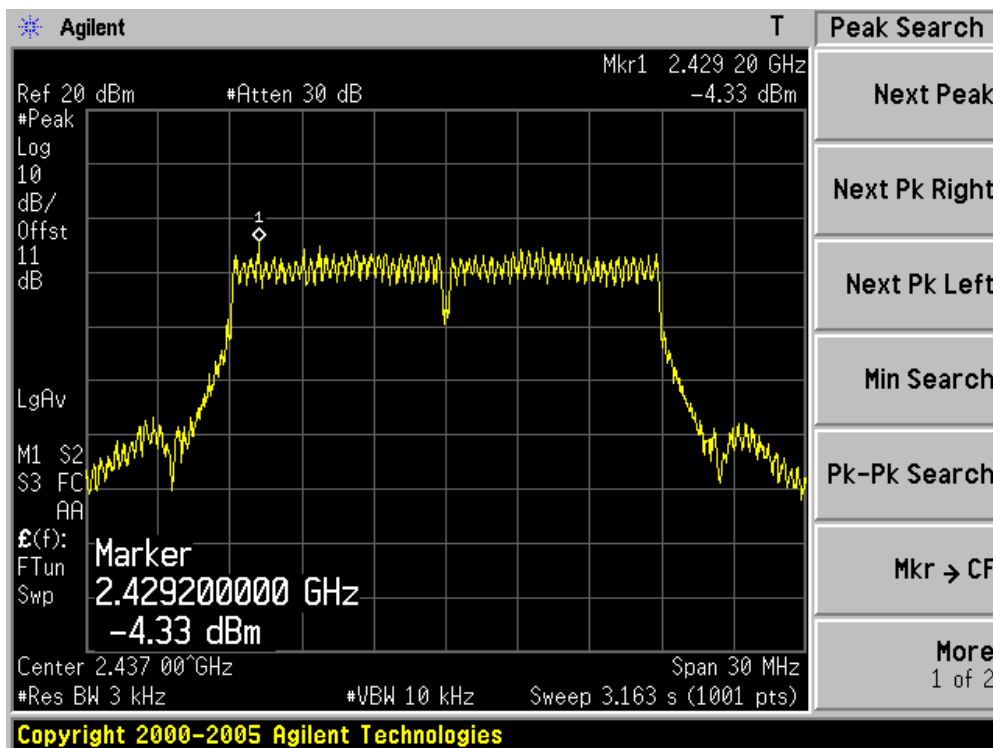
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	-7.88	N/A	-7.88	8	Pass
06	2437	-4.33	N/A	-4.33	8	Pass
11	2462	-7.74	N/A	-7.74	8	Pass
149	5745	-4.71	N/A	-4.71	8	Pass
157	5785	-4.56	N/A	-4.56	8	Pass
165	5825	-4.30	N/A	-4.30	8	Pass

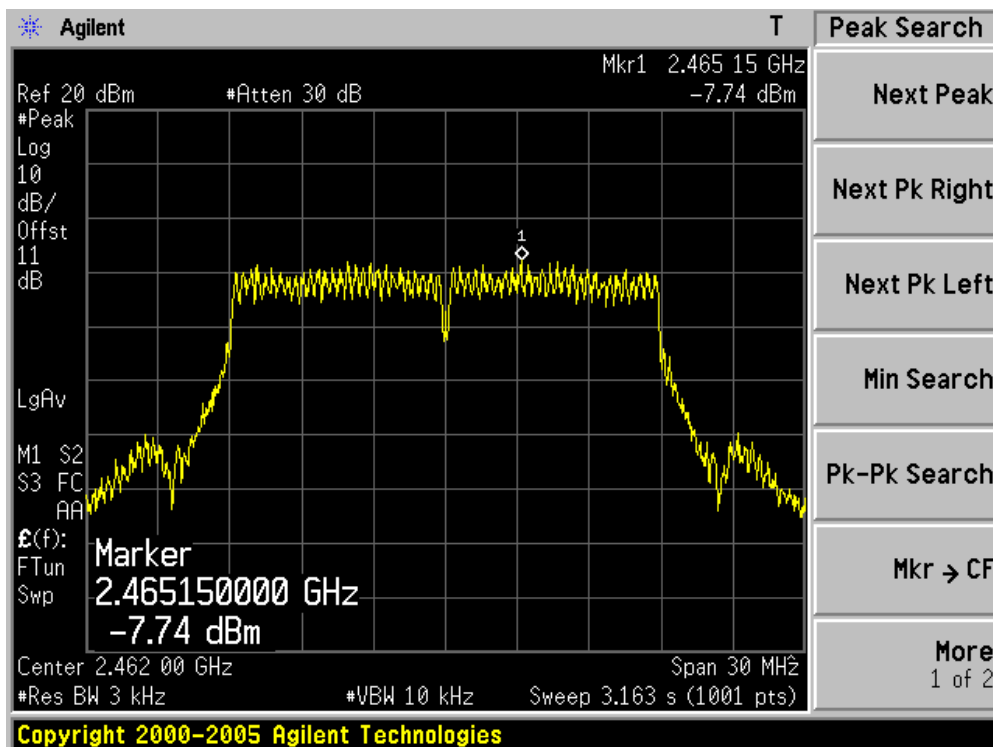
Channel 01 (2412MHz)



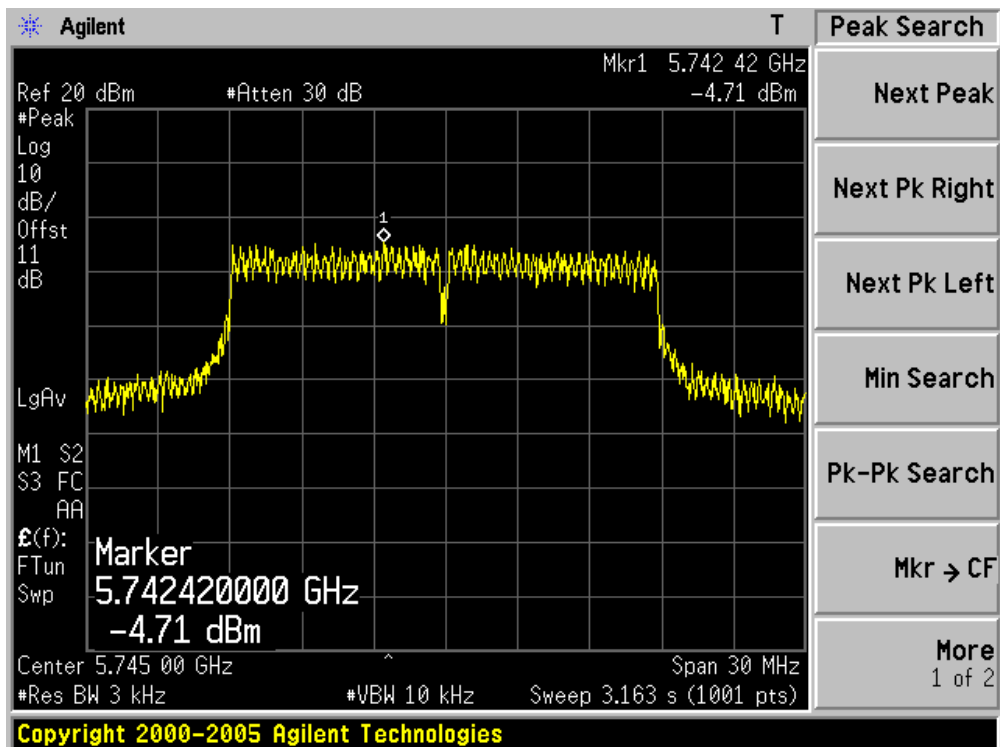
Channel 06 (2437MHz)



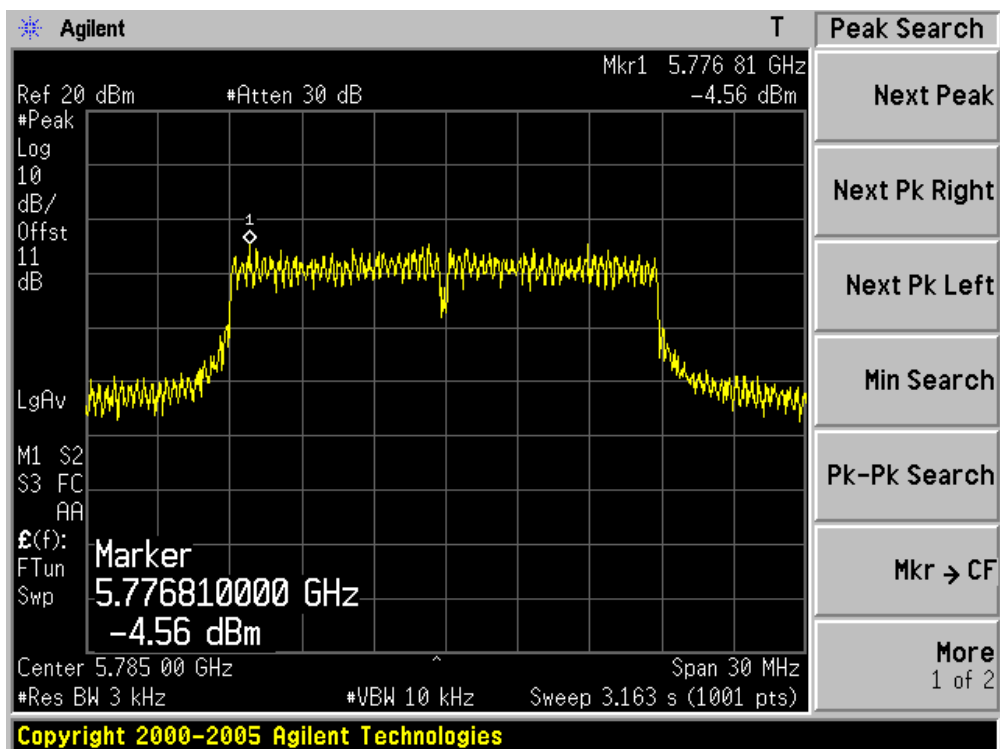
Channel 11 (2462MHz)



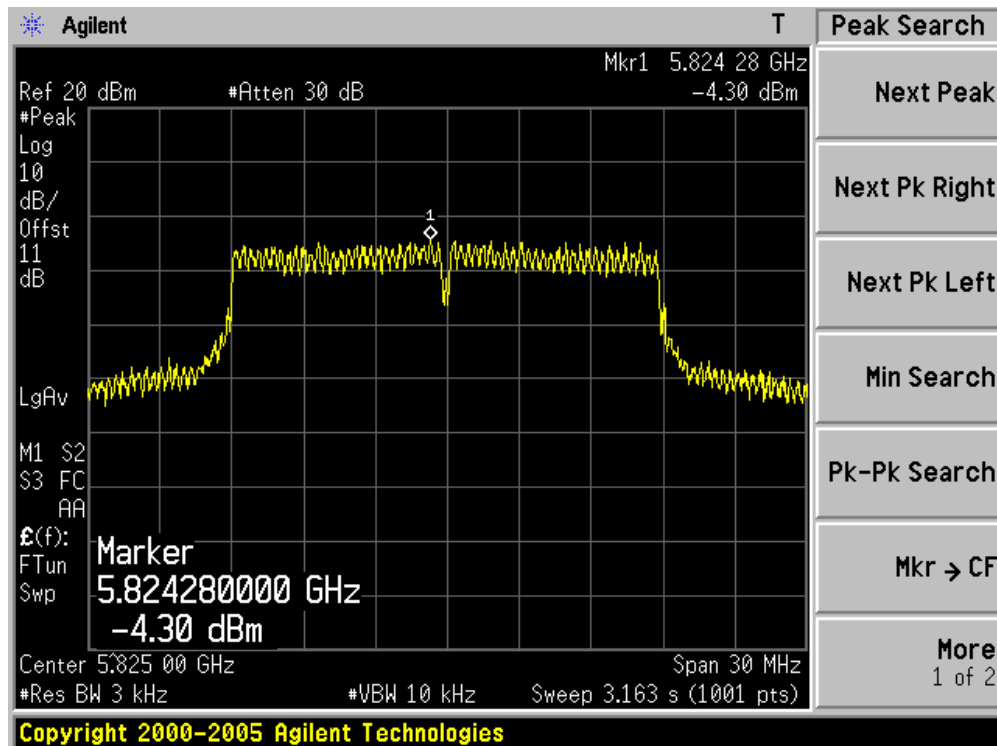
Channel 149 (5745MHz)



Channel 157 (5785MHz)



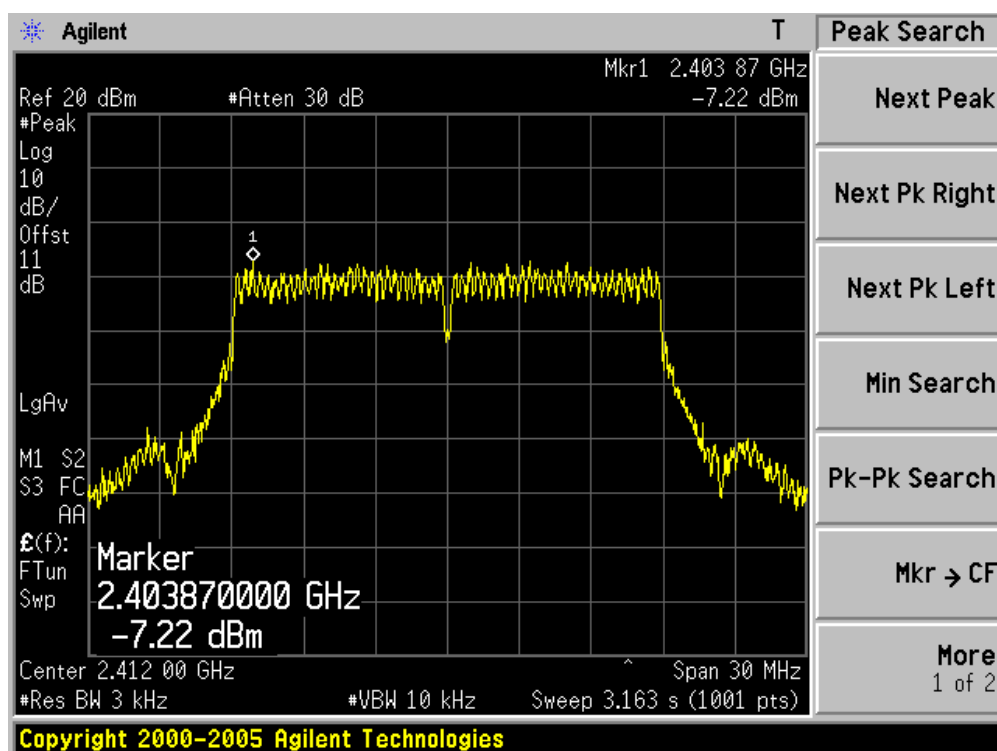
Channel 165 (5825MHz)



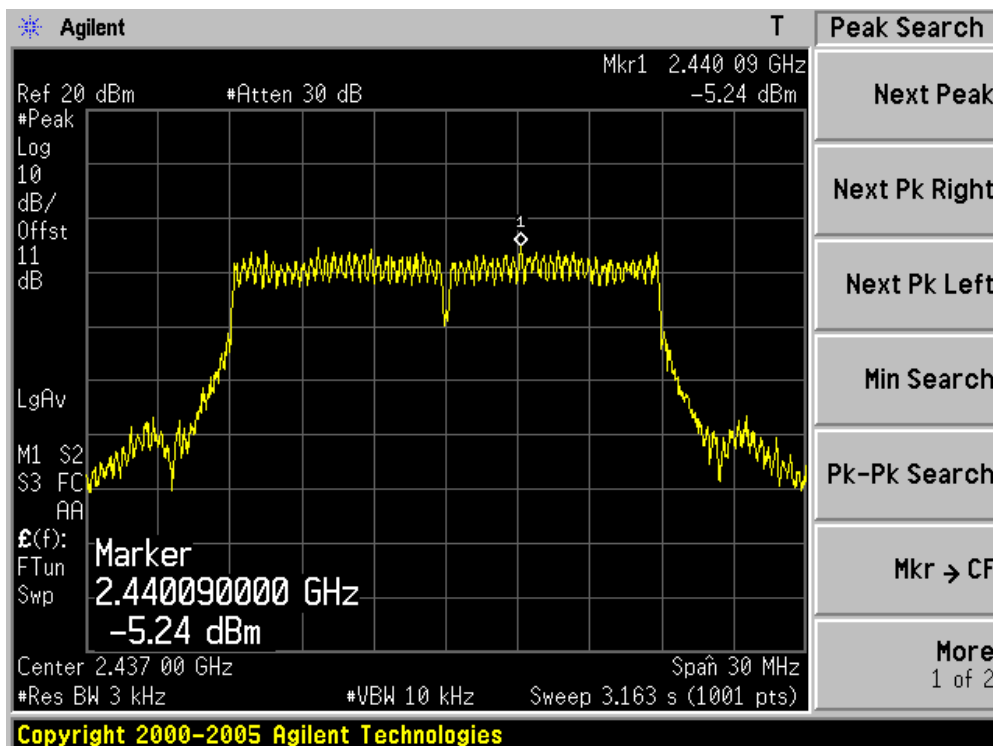
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	N/A	-7.22	-7.22	8	Pass
06	2437	N/A	-5.24	-5.24	8	Pass
11	2462	N/A	-9.79	-9.79	8	Pass
149	5745	N/A	-5.42	-5.42	8	Pass
157	5785	N/A	-5.54	-5.54	8	Pass
165	5825	N/A	-6.15	-6.15	8	Pass

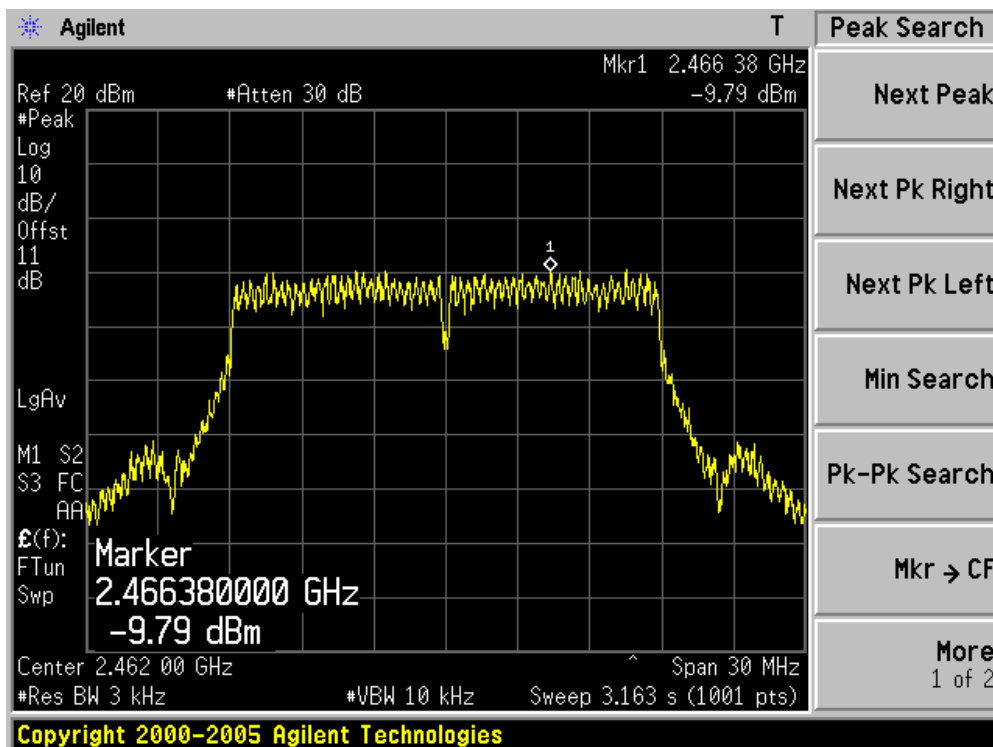
Channel 01 (2412MHz)



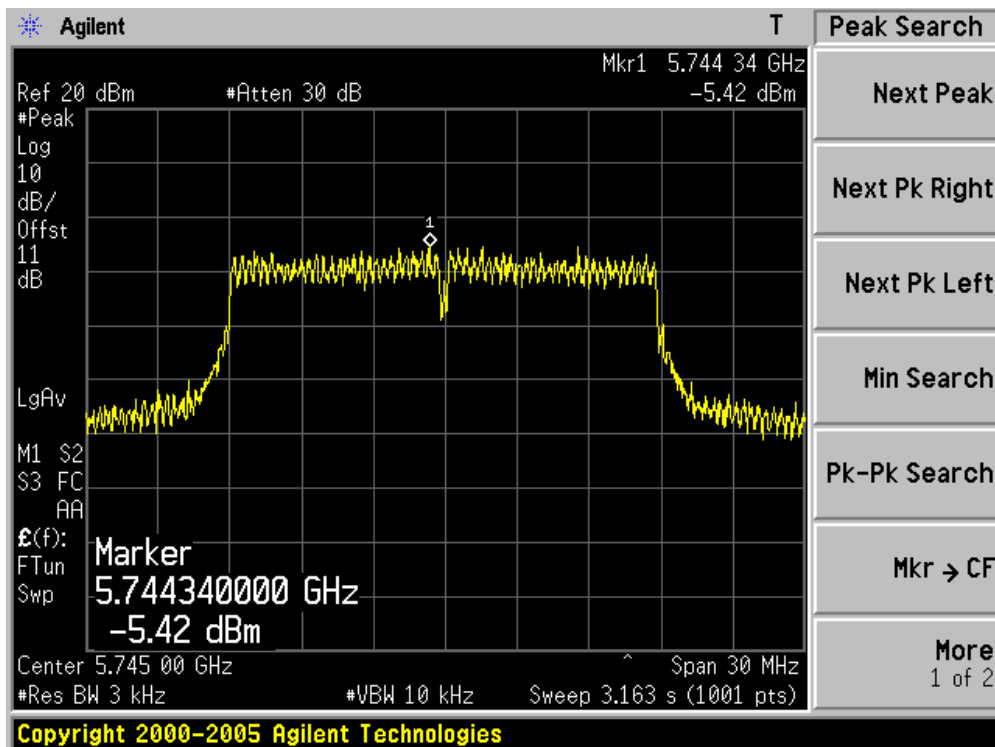
Channel 06 (2437MHz)



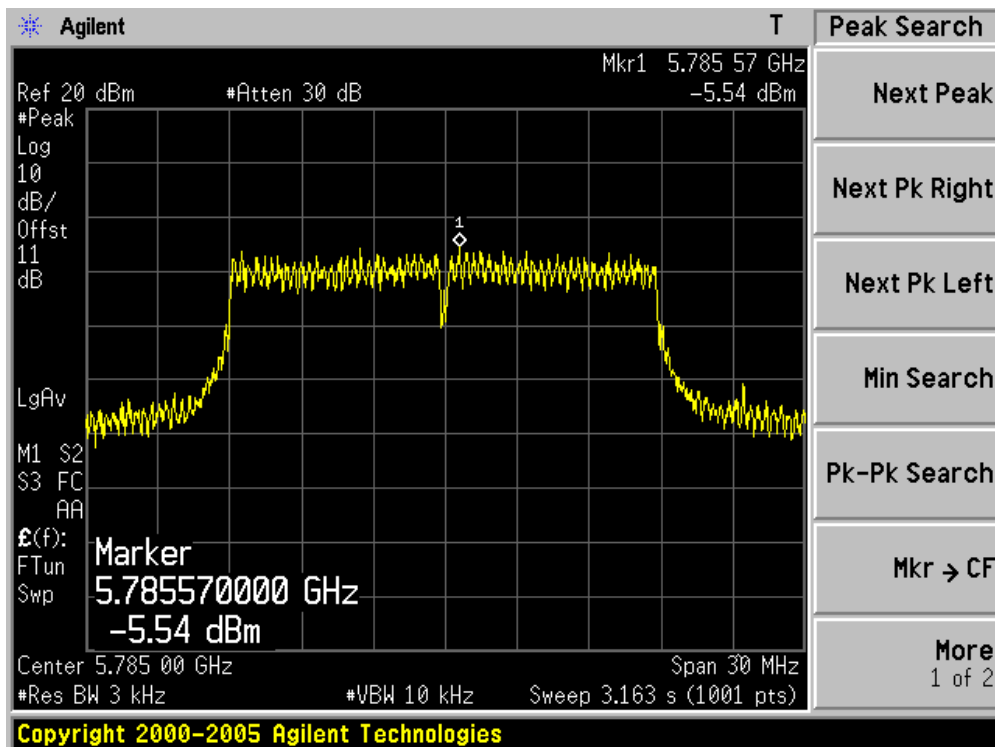
Channel 11 (2462MHz)



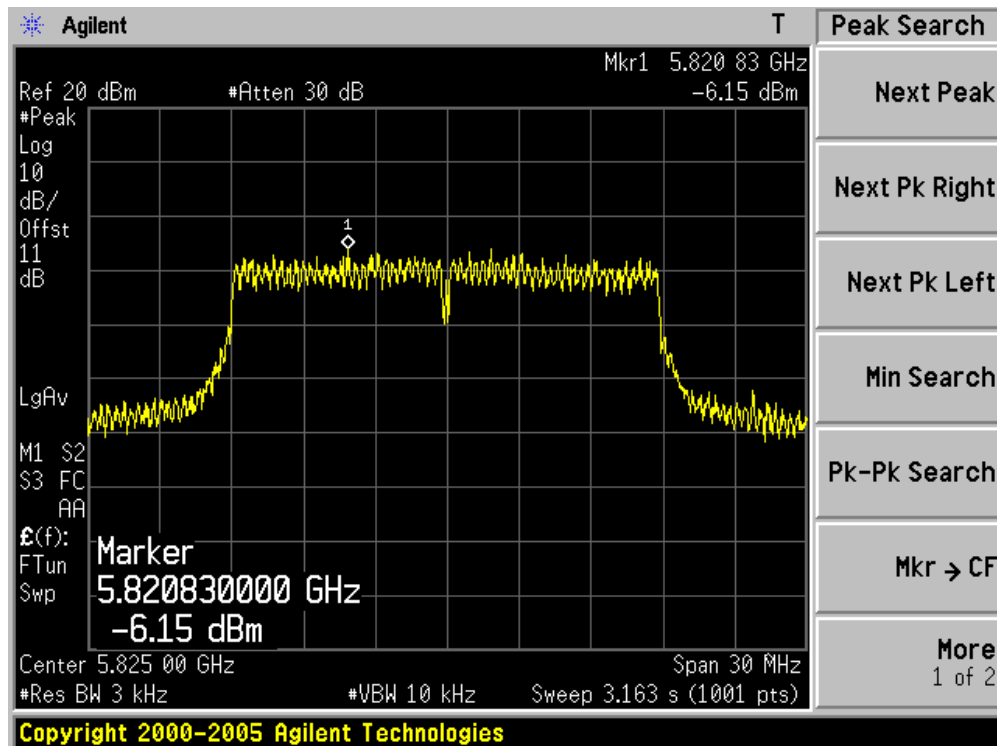
Channel 149 (5745MHz)



Channel 157 (5785MHz)



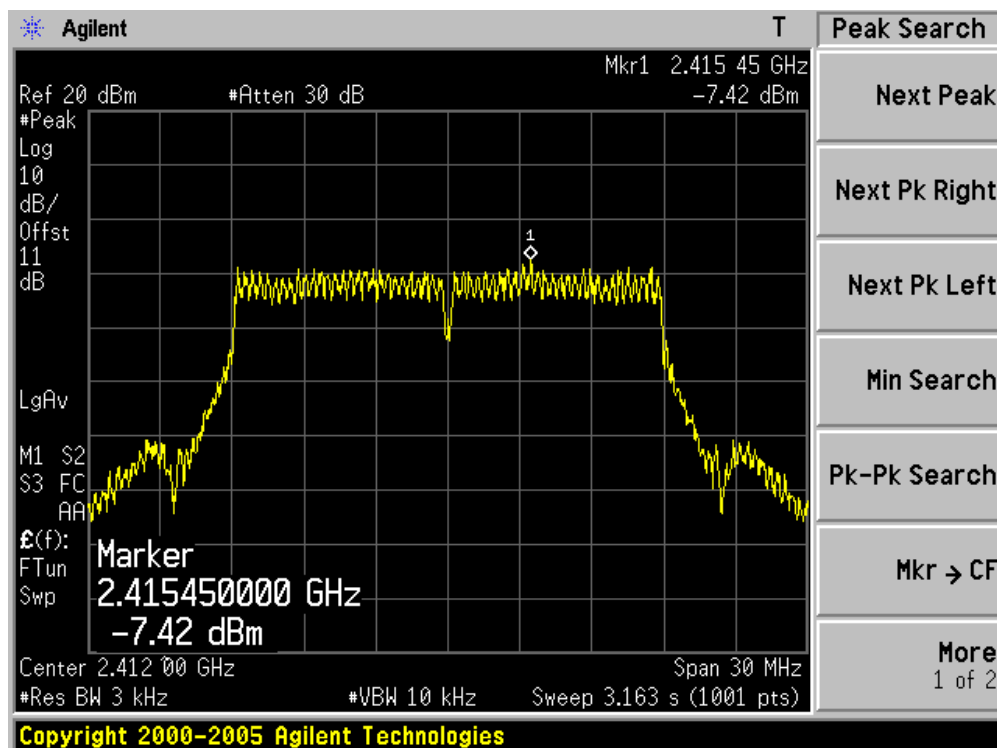
Channel 165 (5825MHz)



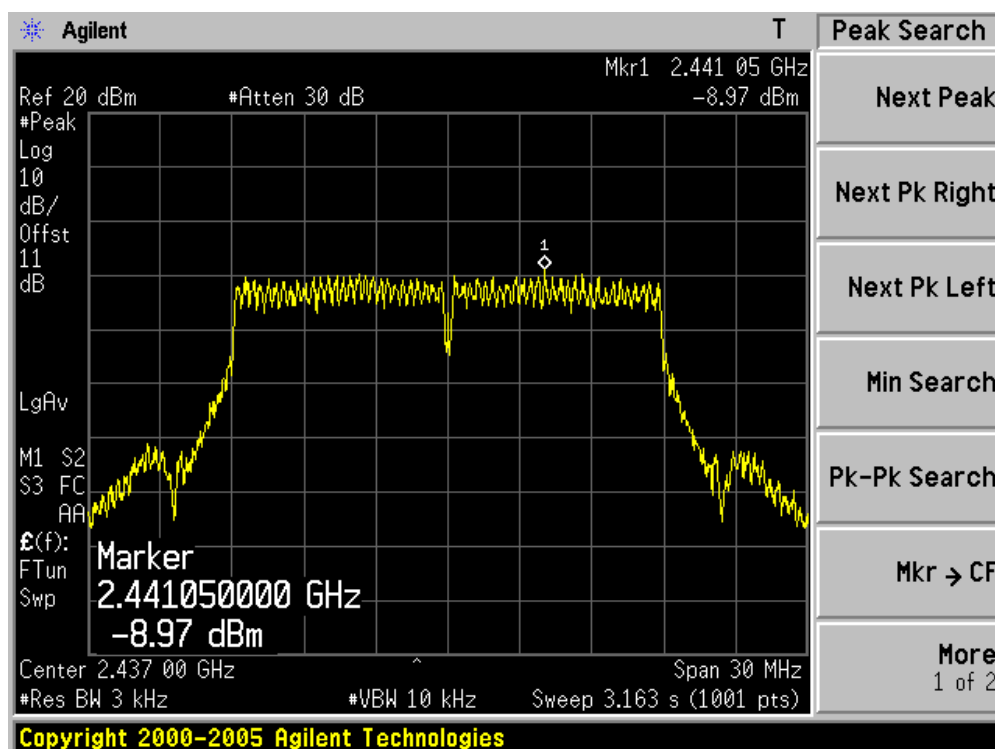
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n(20MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
01	2412	-7.42	-7.89	-4.64	8	Pass
06	2437	-8.97	-9.20	-6.07	8	Pass
11	2462	-8.20	-9.41	-5.75	8	Pass
149	5745	-10.76	-10.90	-7.82	8	Pass
157	5785	-11.99	-11.23	-8.58	8	Pass
165	5825	-11.69	-12.65	-9.13	8	Pass

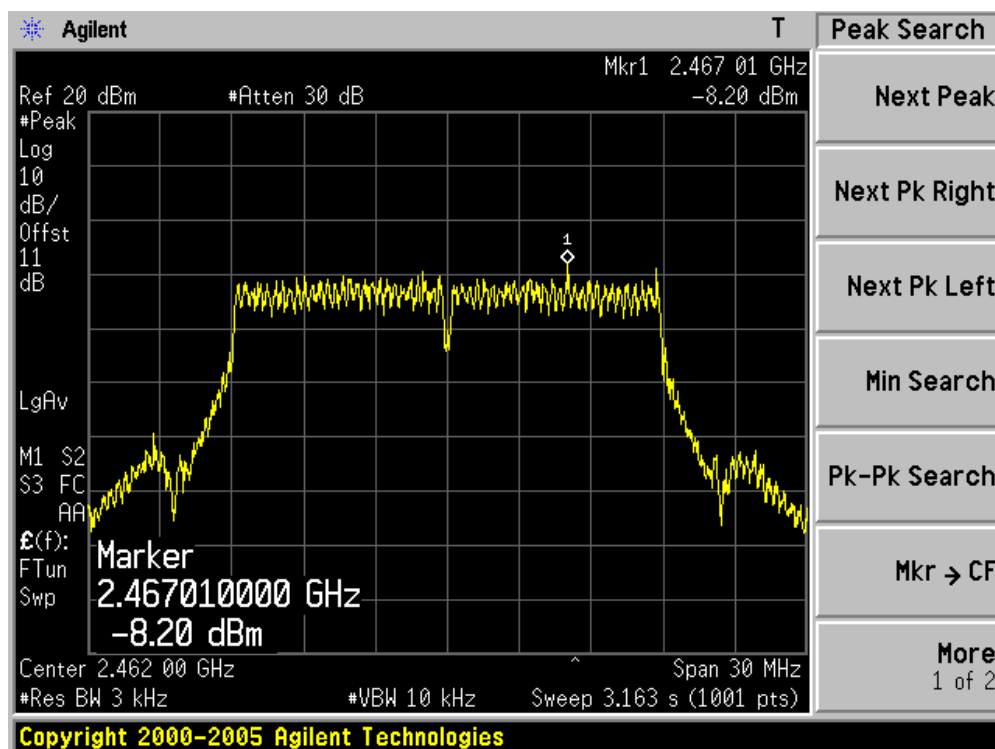
Channel 01 (2412MHz) Ant 1



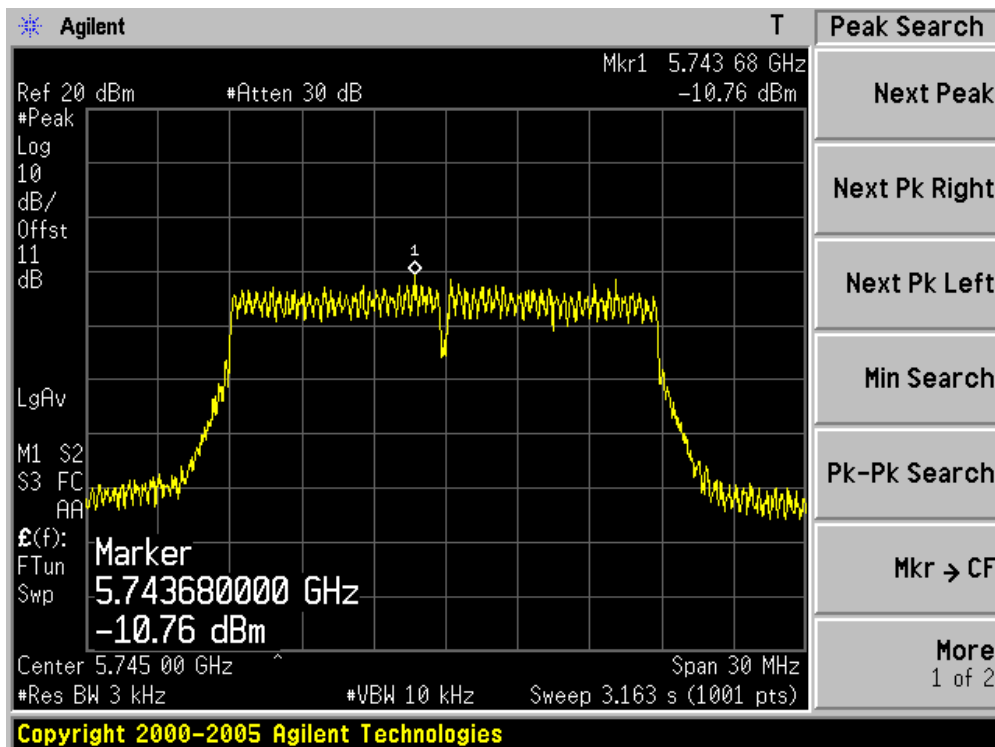
Channel 06 (2437MHz) Ant 1



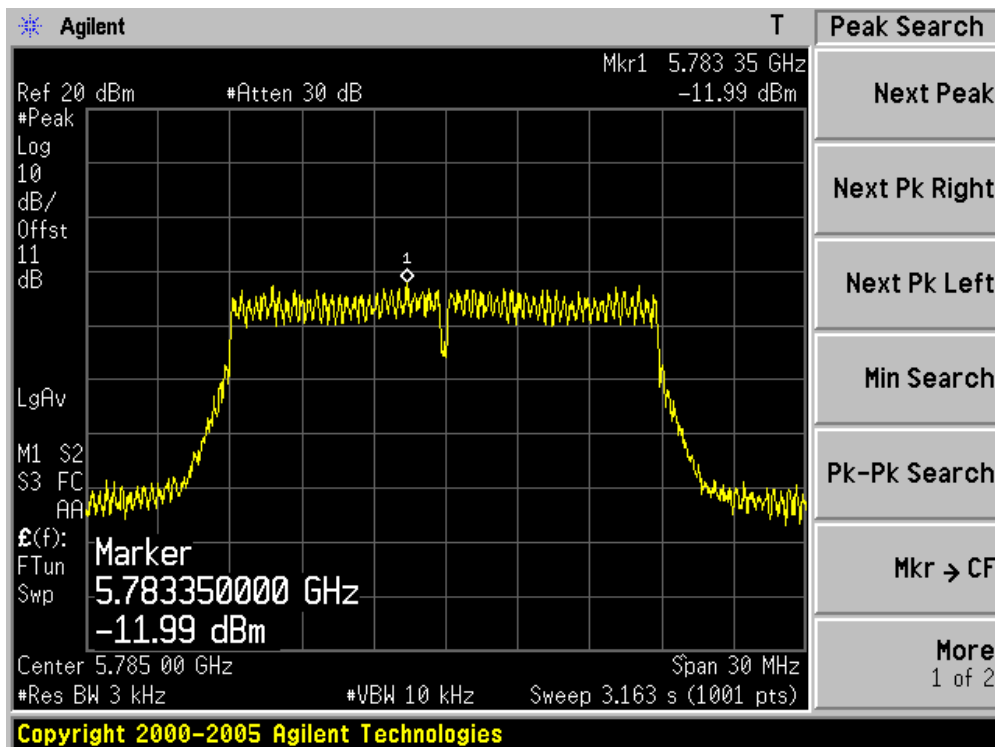
Channel 11 (2462MHz) Ant 1



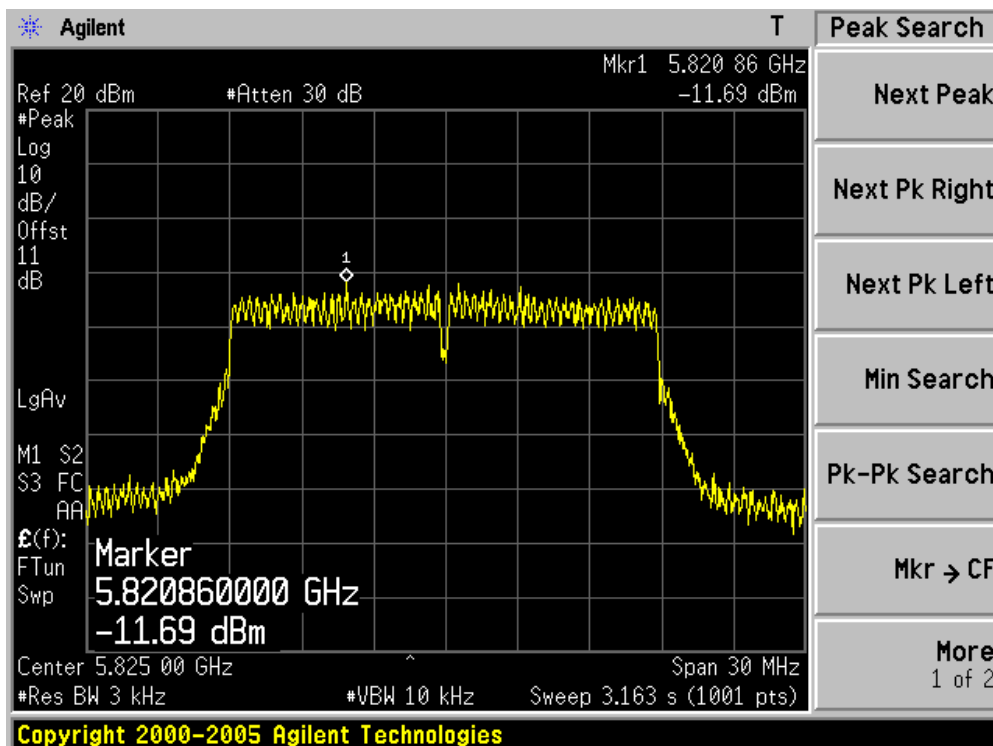
Channel 149 (5745MHz) Ant 1



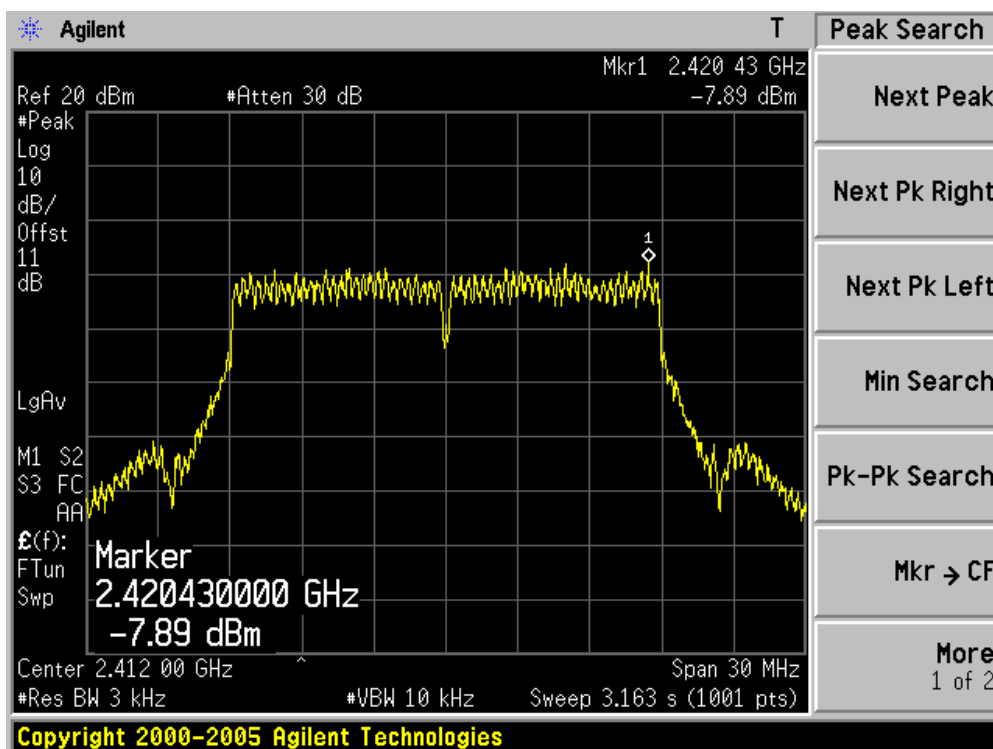
Channel 157 (5785MHz) Ant 1



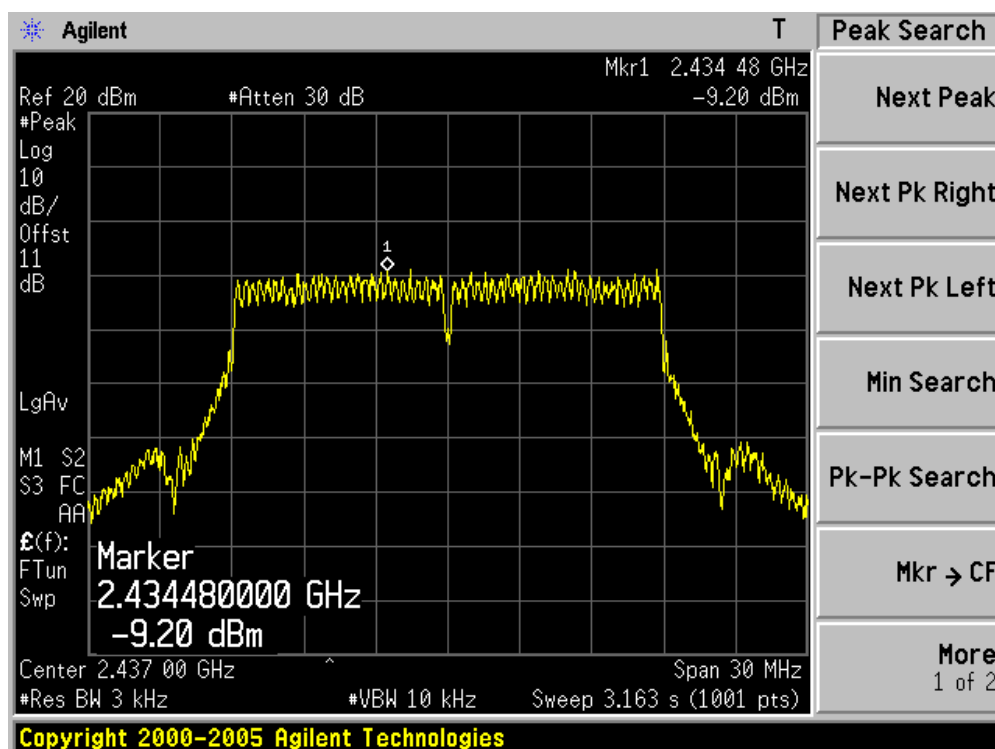
Channel 165 (5825MHz) Ant 1



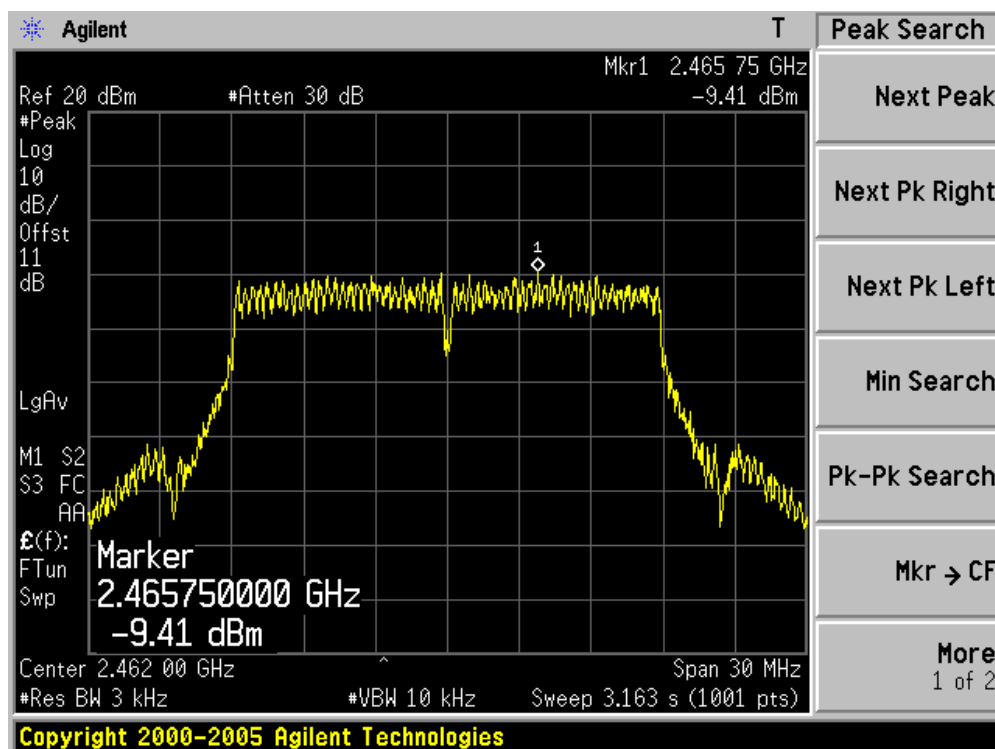
Channel 01 (2412MHz) Ant 2



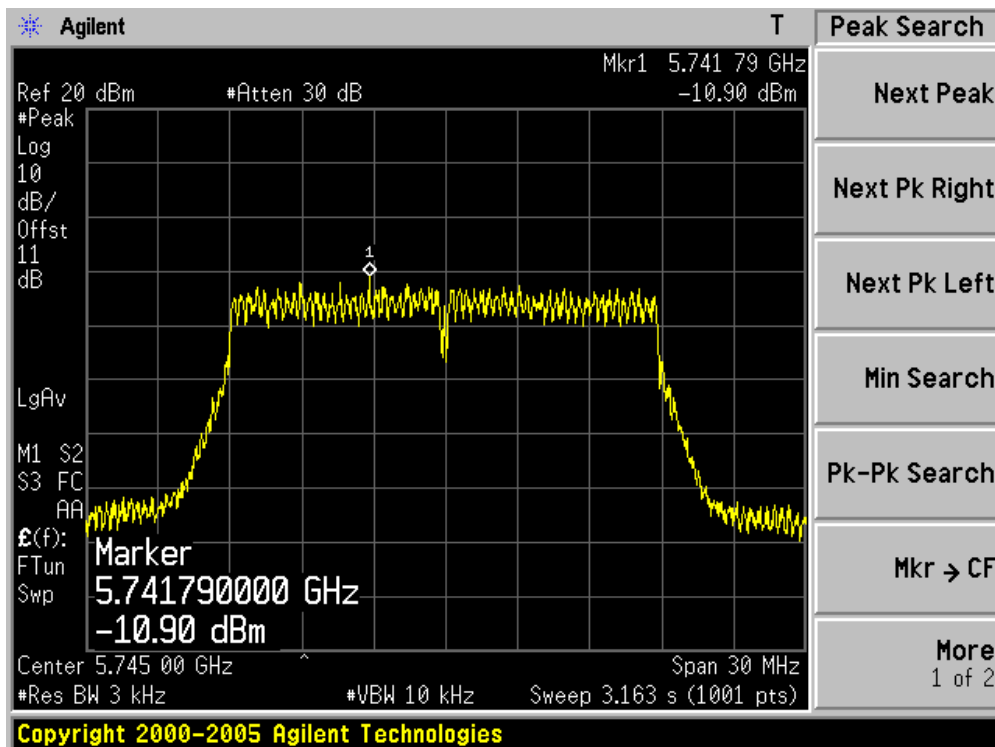
Channel 06 (2437MHz) Ant 2



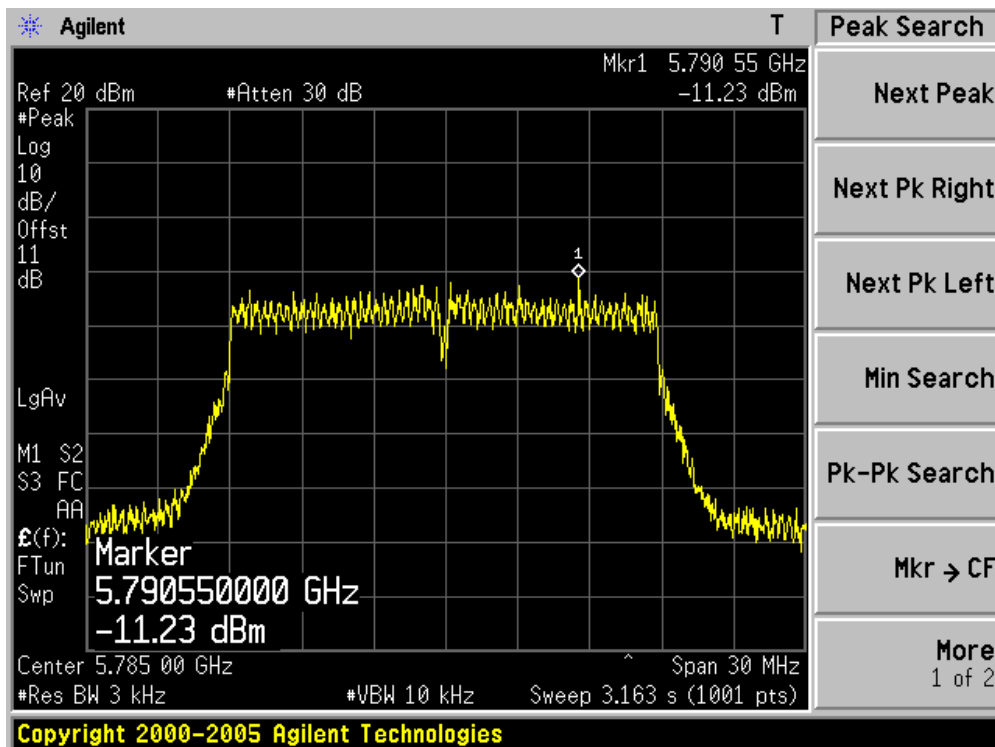
Channel 11 (2462MHz) Ant 2



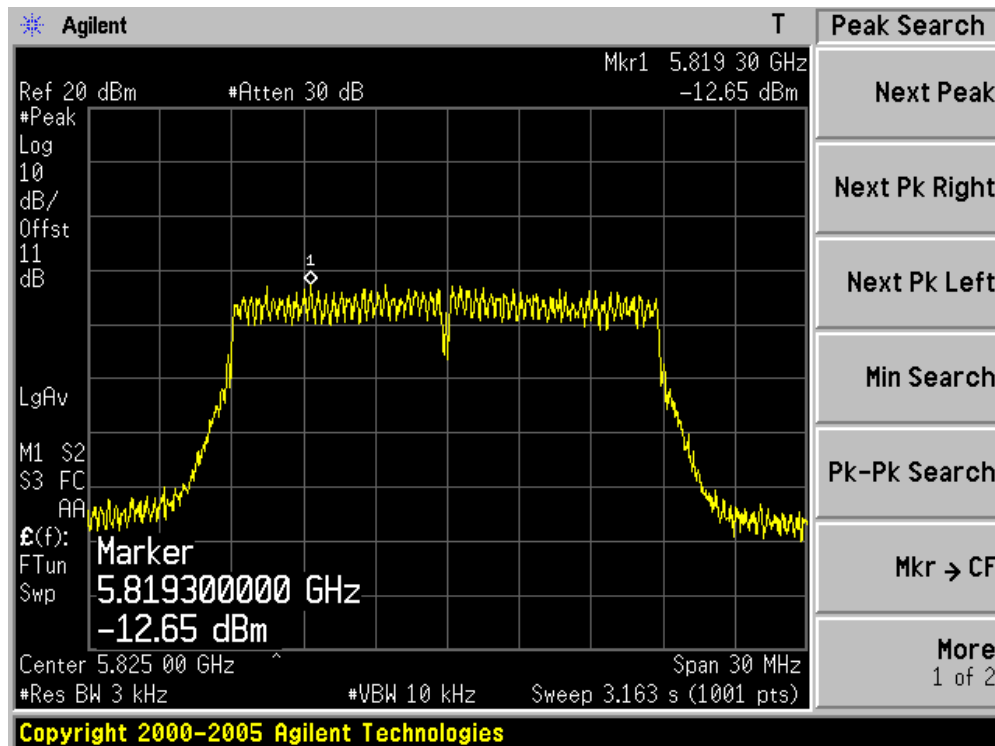
Channel 149 (5745MHz) Ant 2



Channel 157 (5785MHz) Ant 2



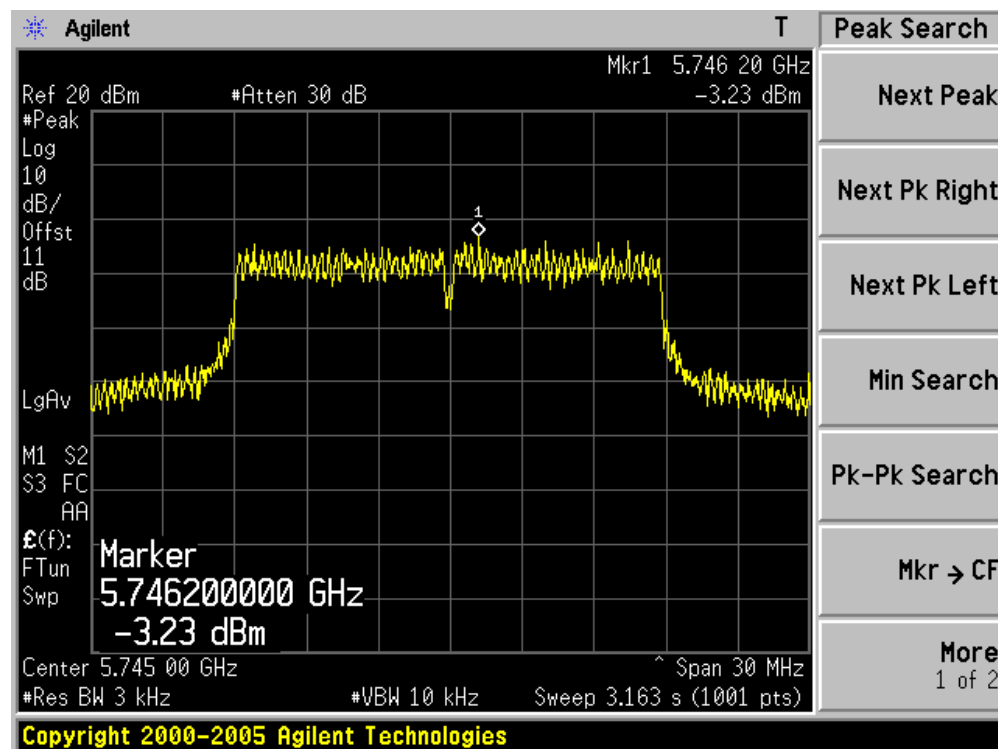
Channel 165 (5825MHz) Ant 2



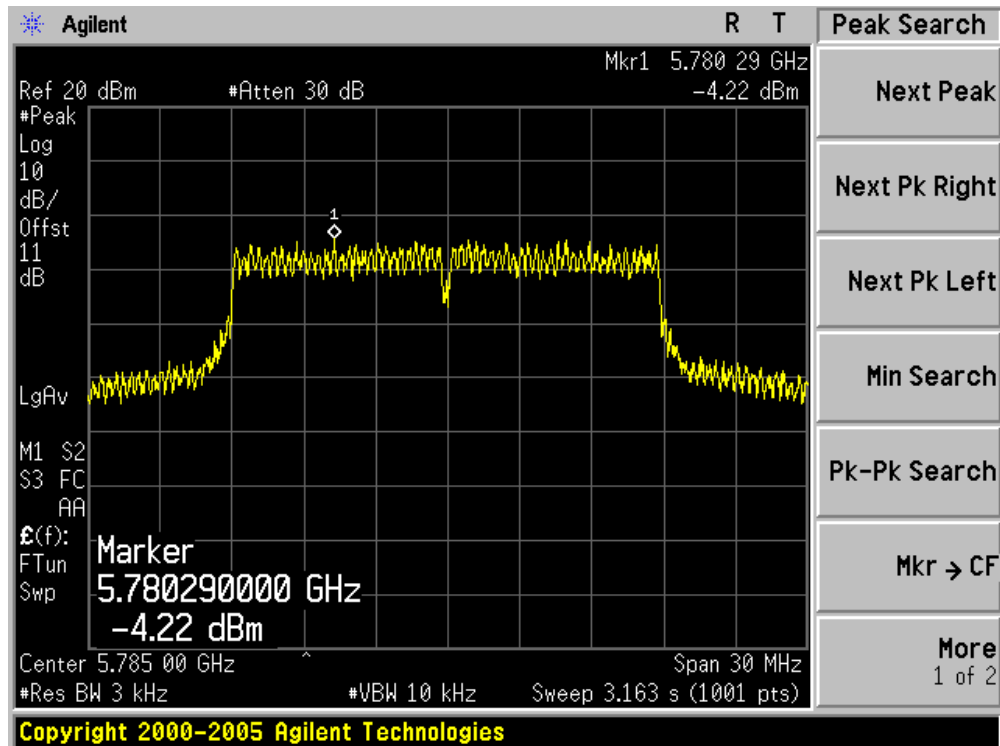
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	-3.23	N/A	-3.23	8	Pass
157	5785	-4.22	N/A	-4.22	8	Pass
165	5825	-4.30	N/A	-4.30	8	Pass

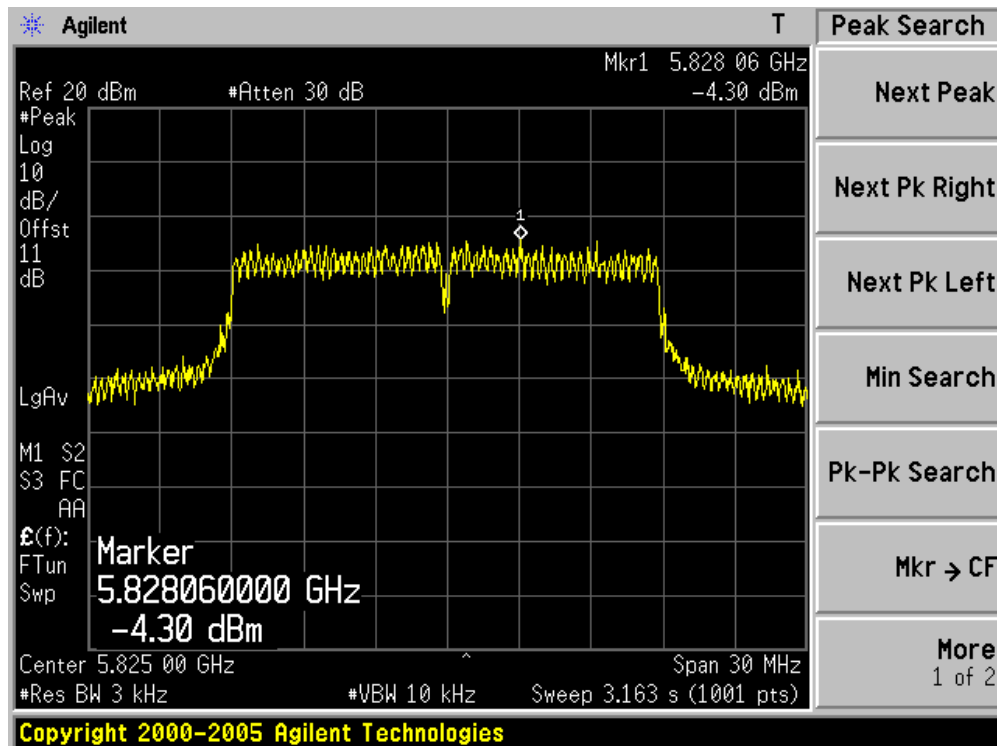
Channel 149 (5745MHz)



Channel 157 (5785MHz)



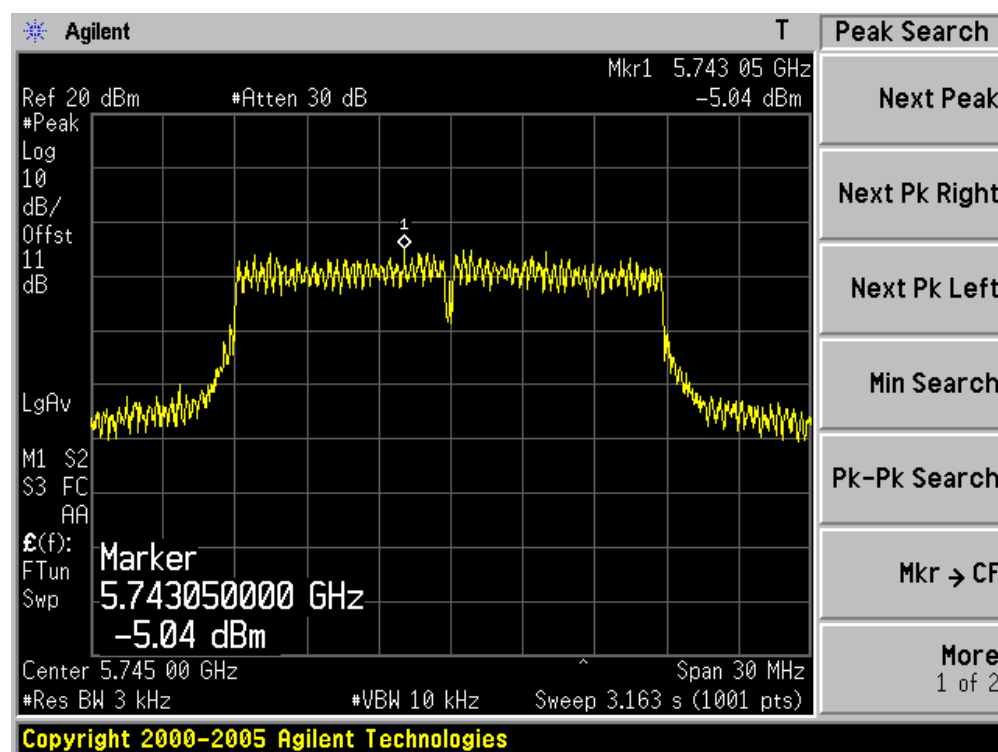
Channel 165 (5825MHz)



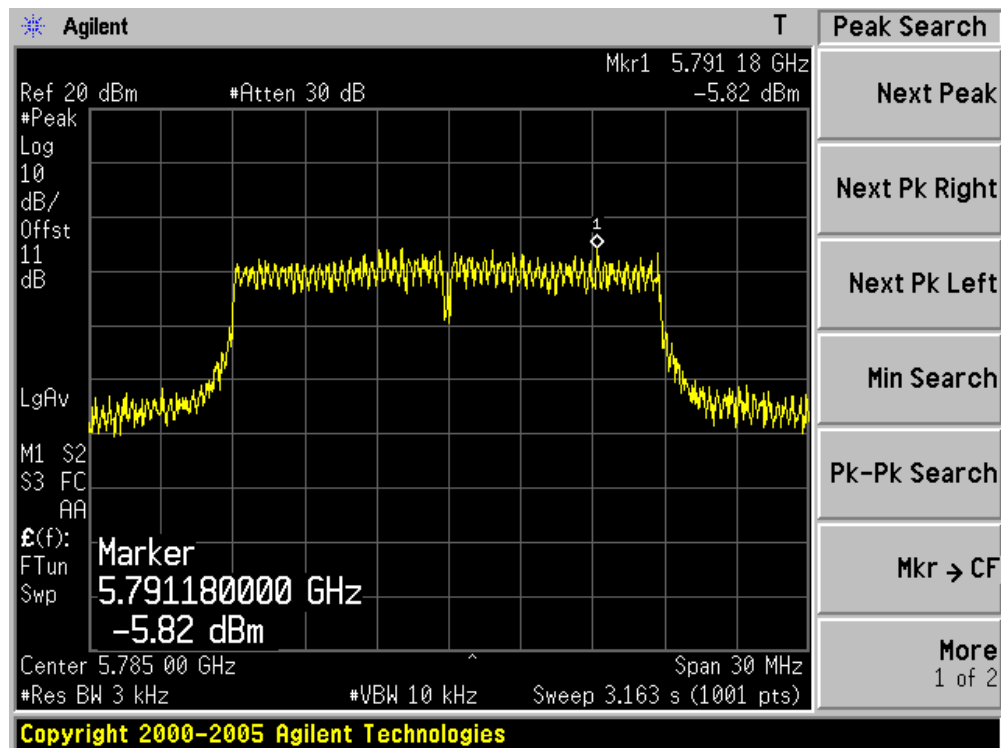
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	N/A	-5.04	-5.04	8	Pass
157	5785	N/A	-5.82	-5.82	8	Pass
165	5825	N/A	-4.58	-4.58	8	Pass

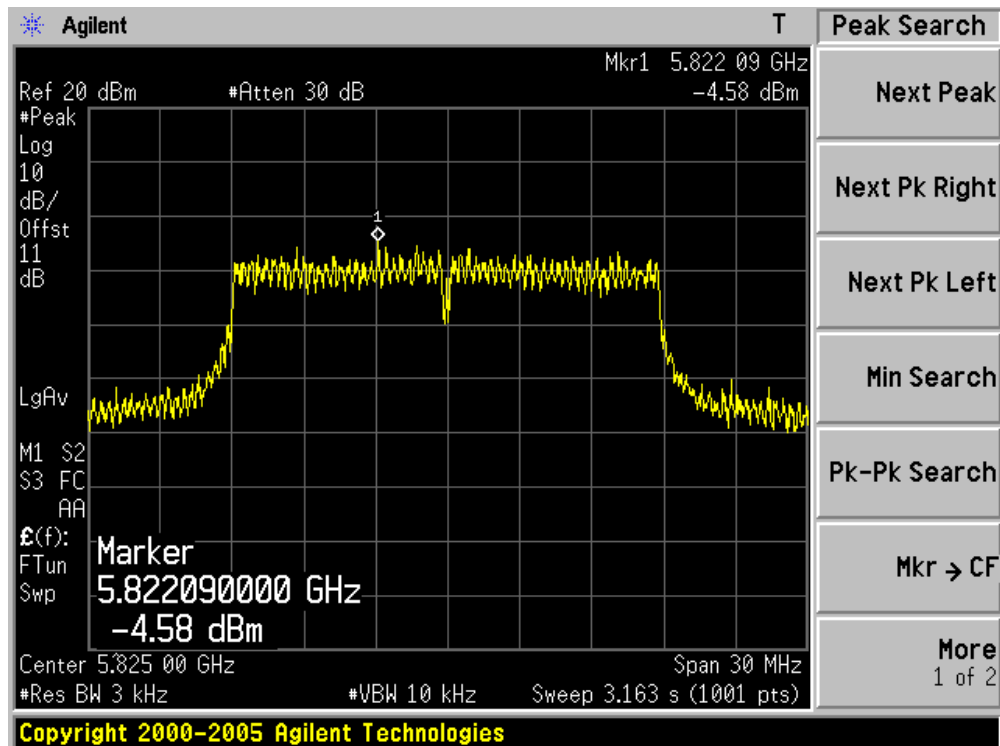
Channel 149 (5745MHz)



Channel 157 (5785MHz)



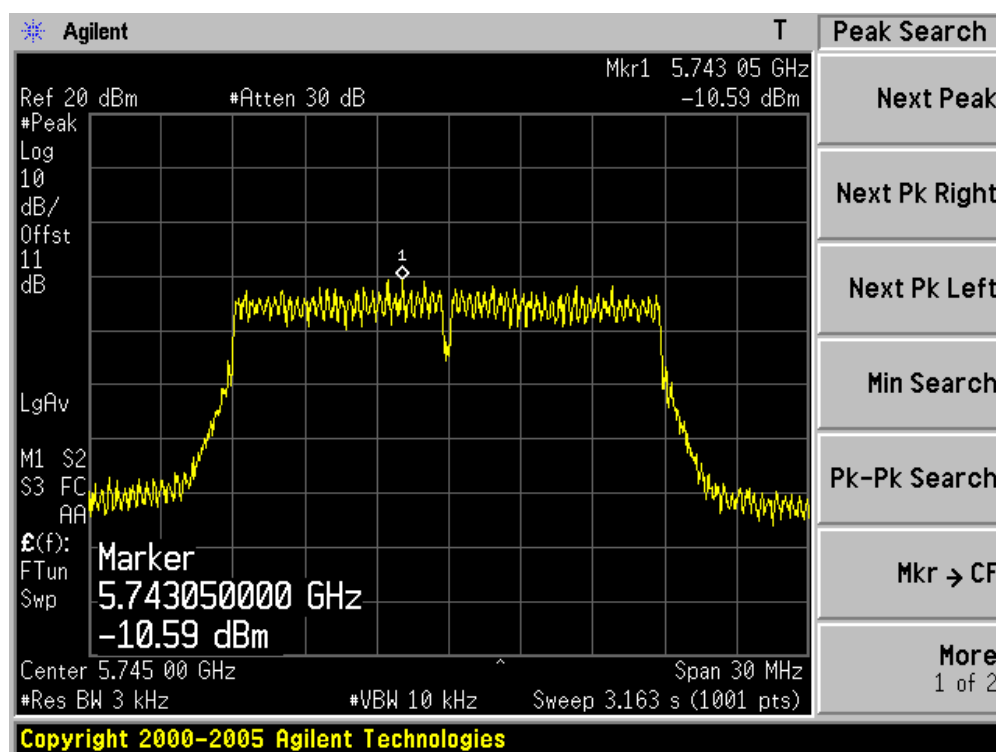
Channel 165 (5825MHz)



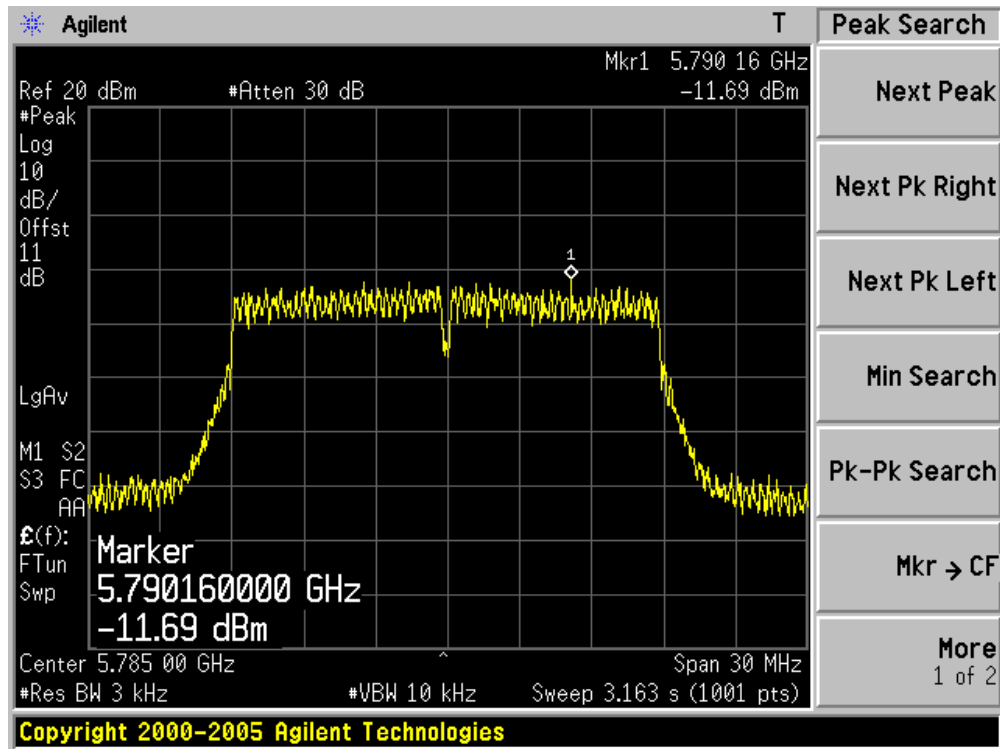
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(20MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
149	5745	-10.59	-11.64	-8.07	8	Pass
157	5785	-11.69	-10.05	-7.78	8	Pass
165	5825	-12.71	-11.97	-9.31	8	Pass

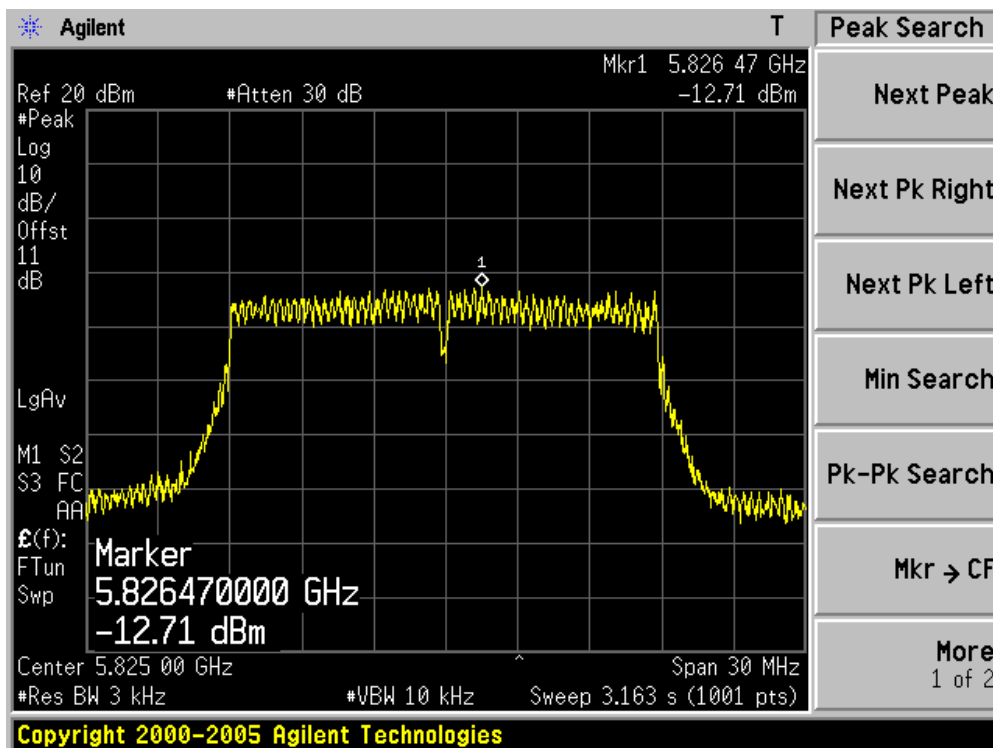
Channel 149 (5745MHz) Ant 1



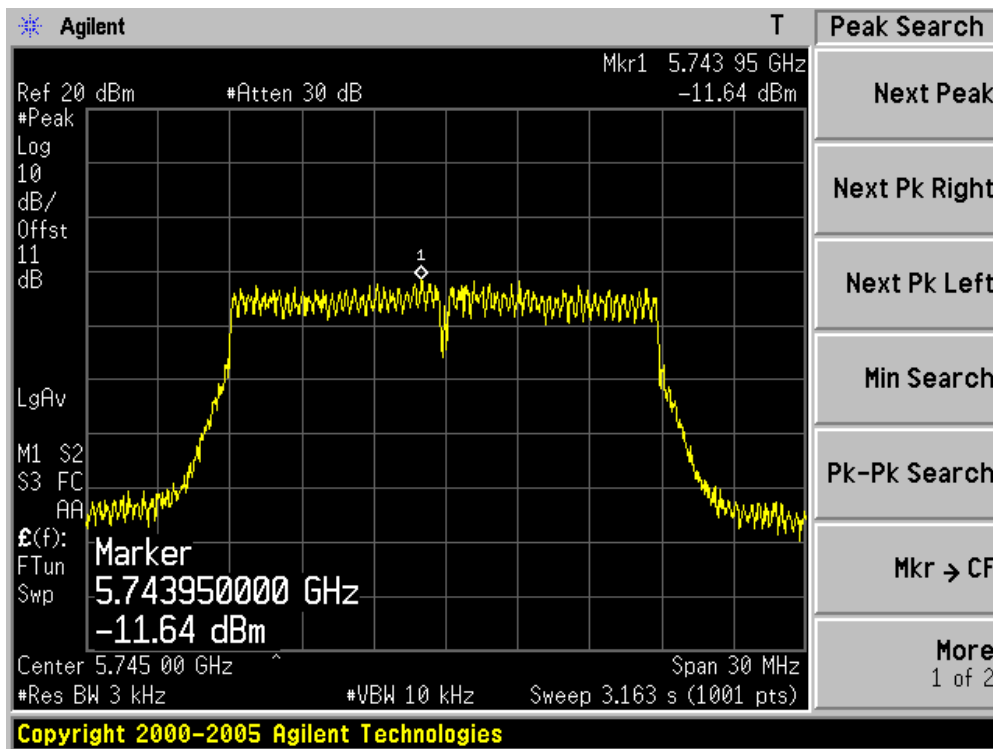
Channel 157 (5785MHz) Ant 1



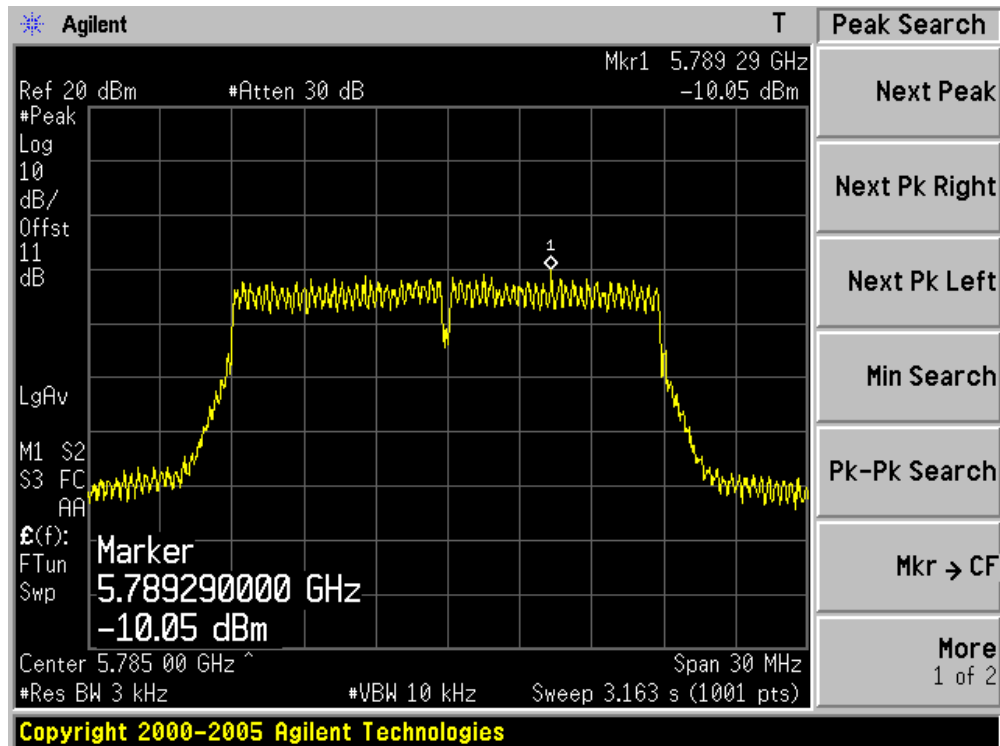
Channel 165 (5825MHz) Ant 1



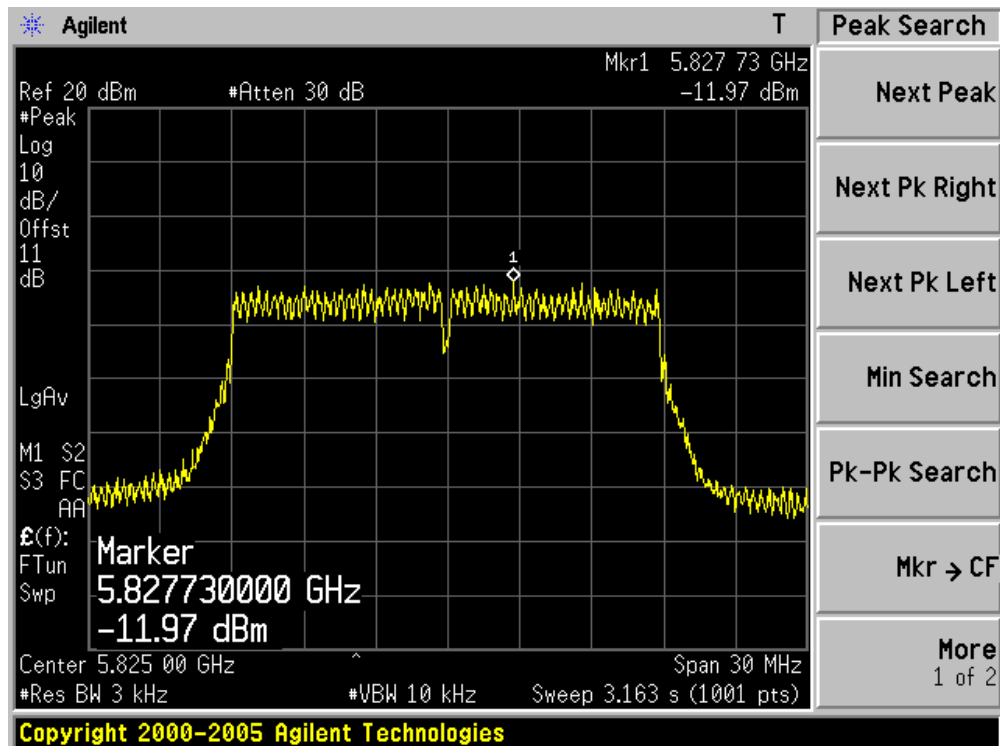
Channel 149 (5745MHz) Ant 2



Channel 157 (5785MHz) Ant 2



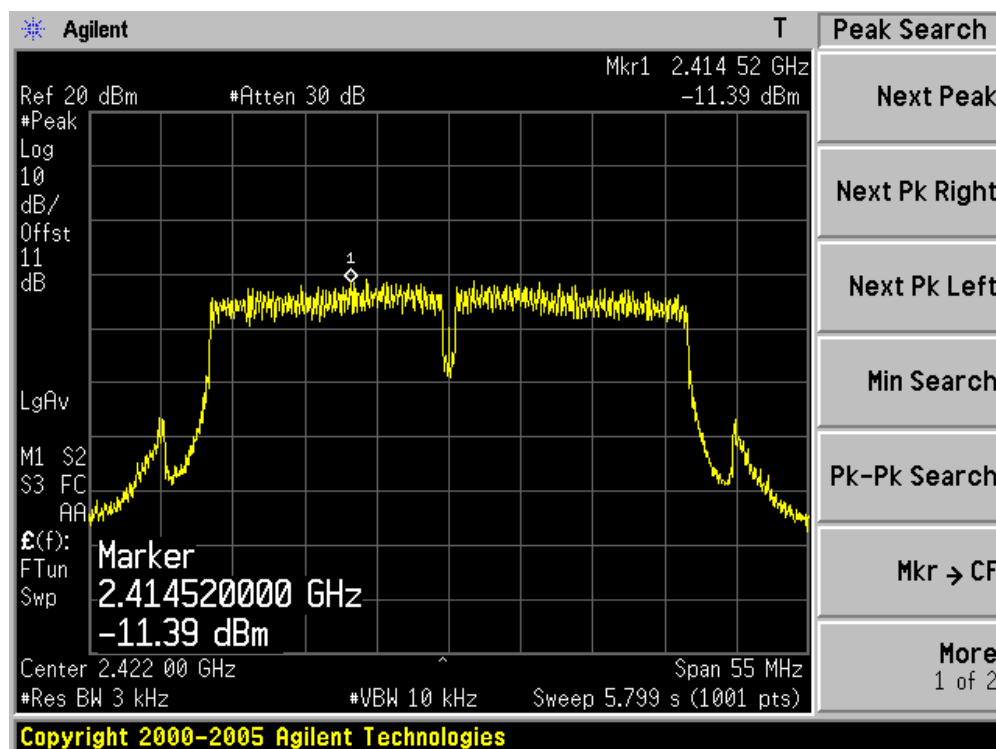
Channel 165 (5825MHz) Ant 2



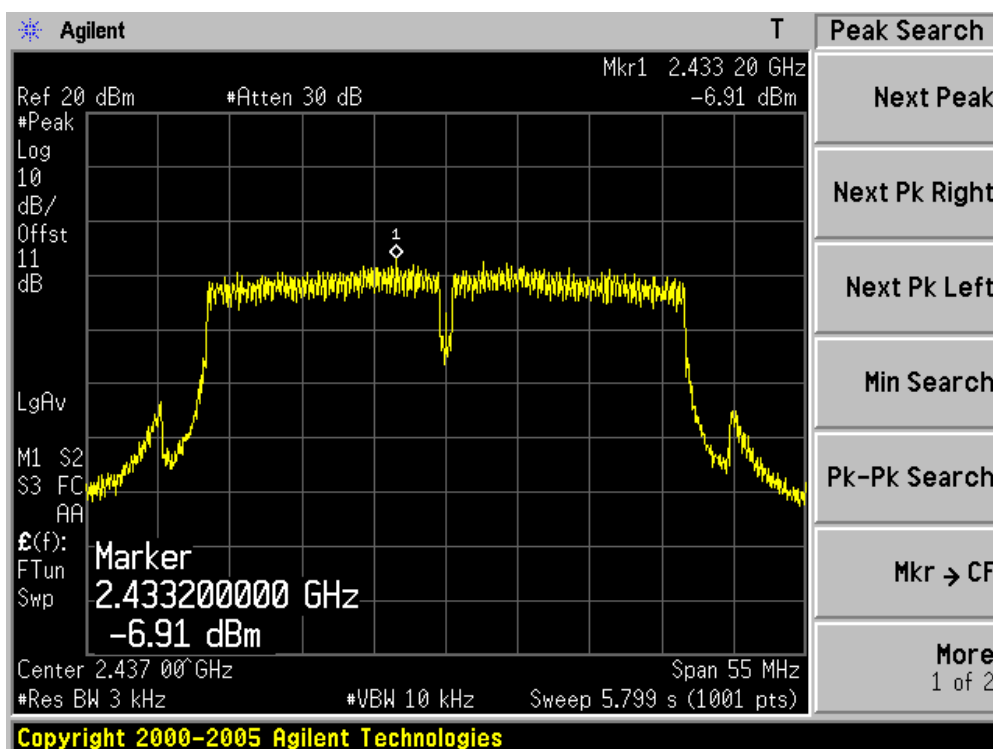
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
03	2422	-11.39	N/A	-11.39	8	Pass
06	2437	-6.91	N/A	-6.91	8	Pass
09	2452	-12.24	N/A	-12.24	8	Pass
151	5755	-7.64	N/A	-7.64	8	Pass
159	5795	-8.05	N/A	-8.05	8	Pass

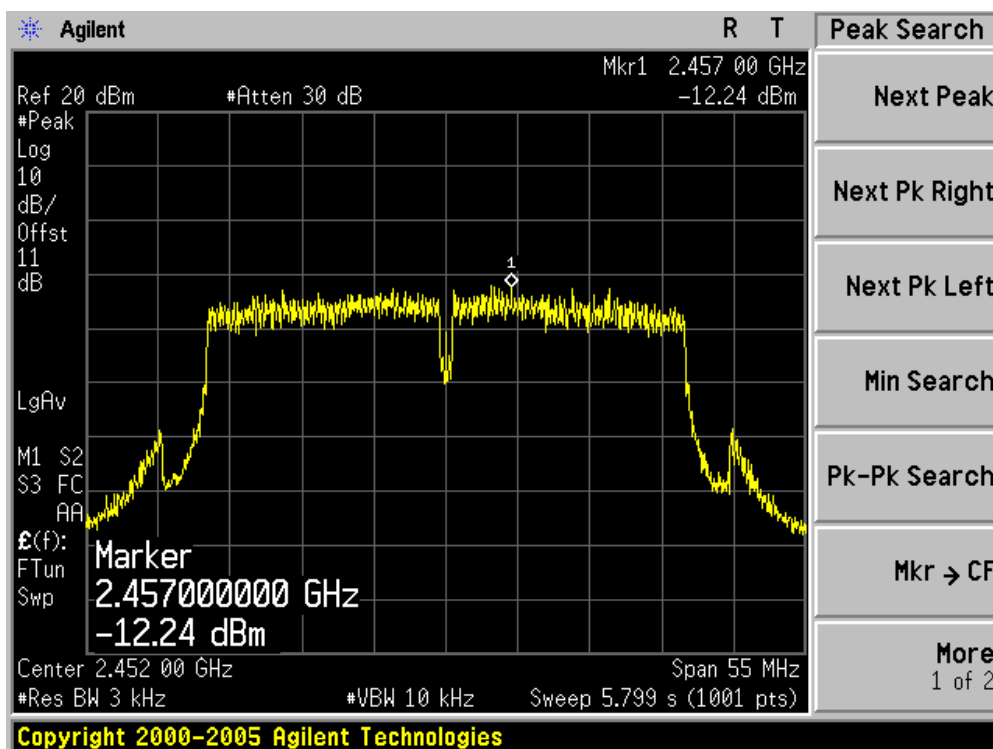
Channel 03 (2422MHz)



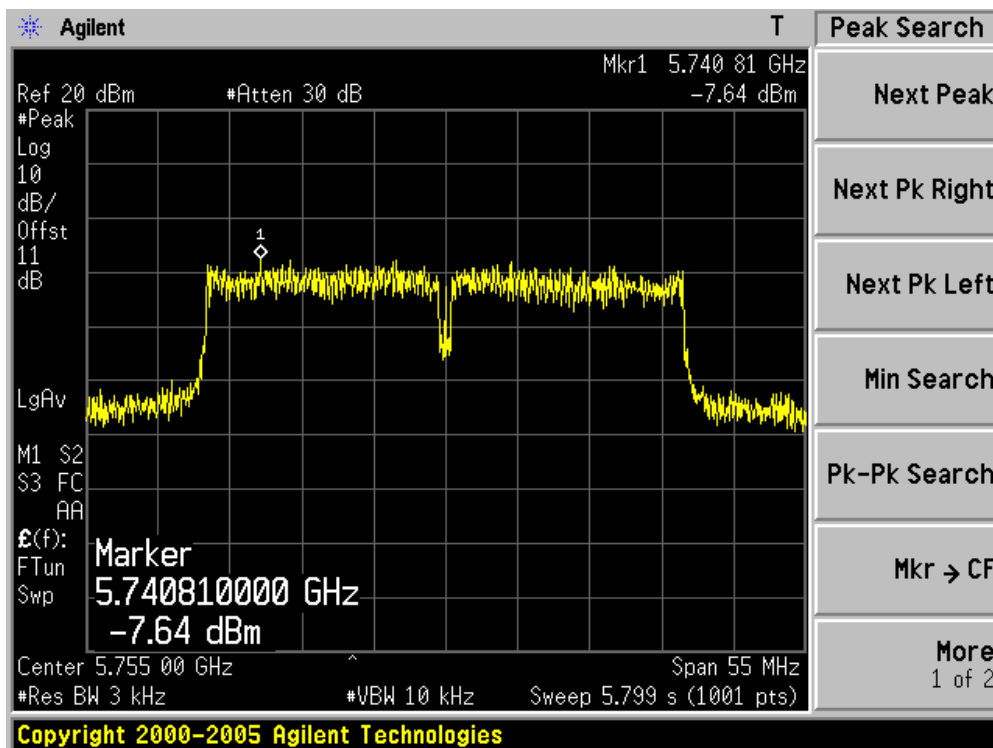
Channel 06 (2437MHz)



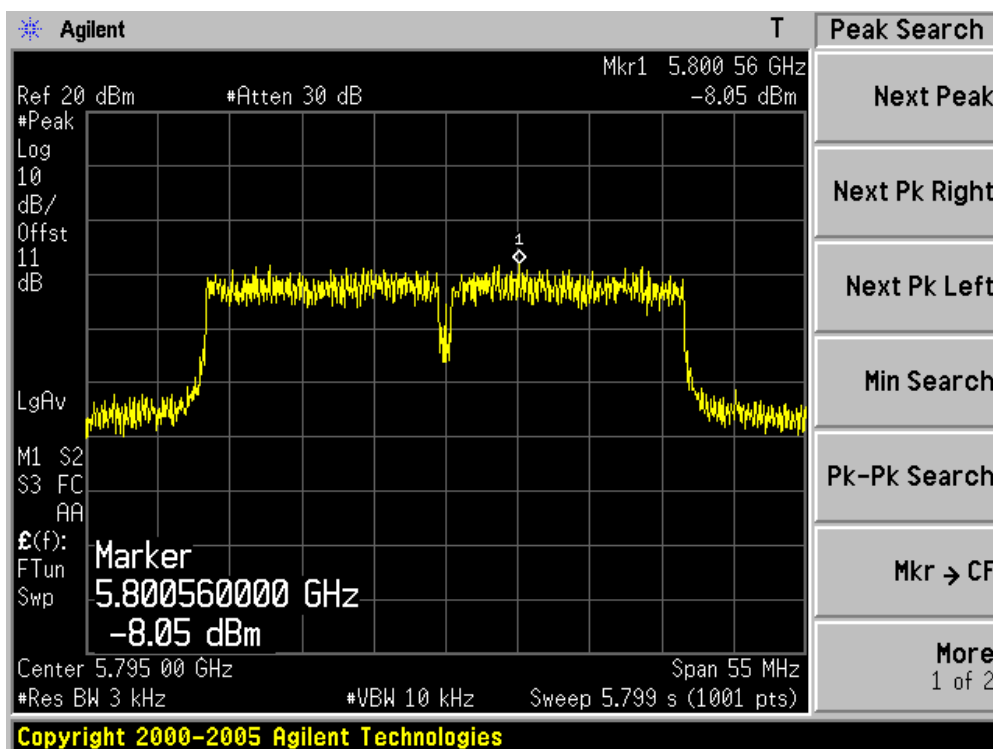
Channel 09 (2452MHz)



Channel 151 (5755MHz)



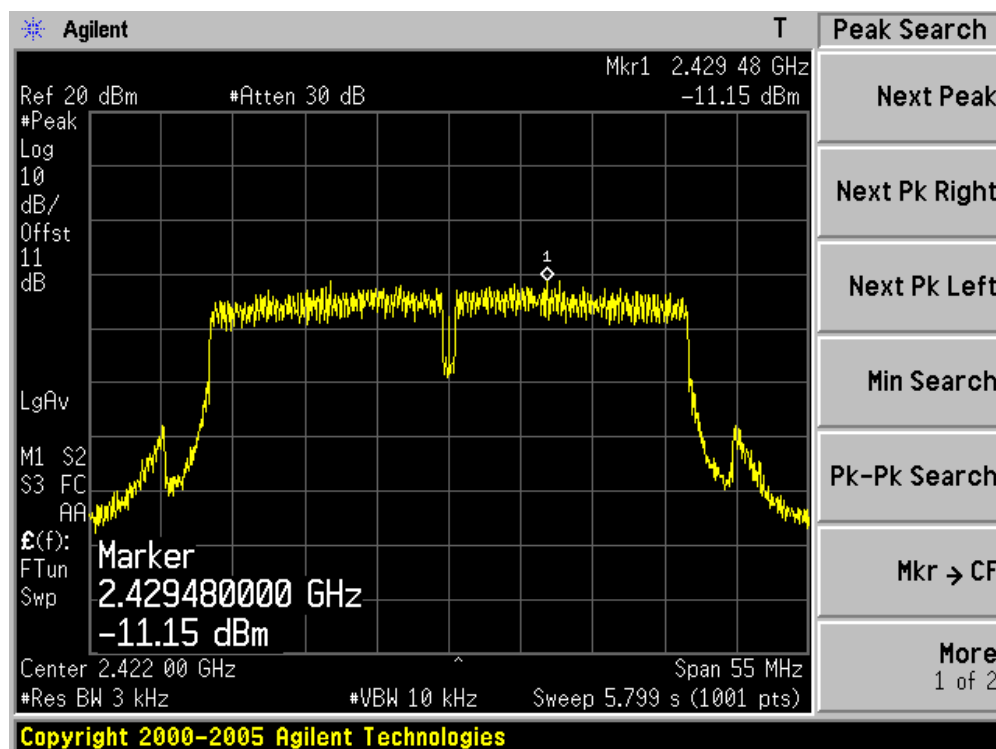
Channel 159 (5795MHz)



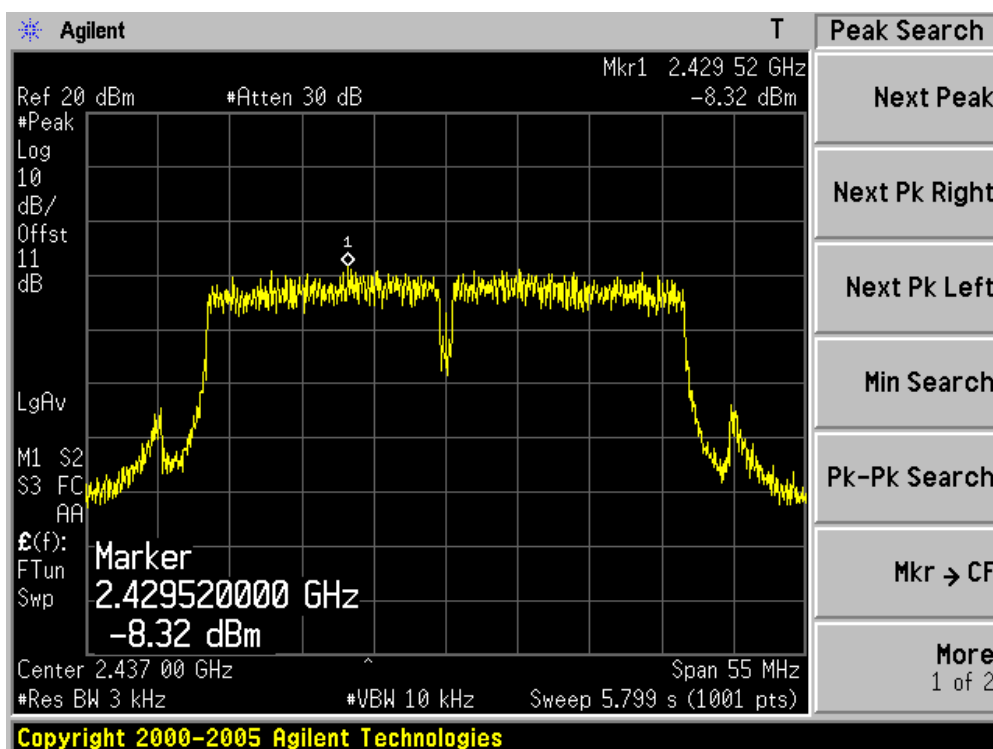
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
03	2422	N/A	-11.15	-11.15	8	Pass
06	2437	N/A	-8.32	-8.32	8	Pass
09	2452	N/A	-13.10	-13.10	8	Pass
151	5755	N/A	-7.88	-7.88	8	Pass
159	5795	N/A	-9.36	-9.36	8	Pass

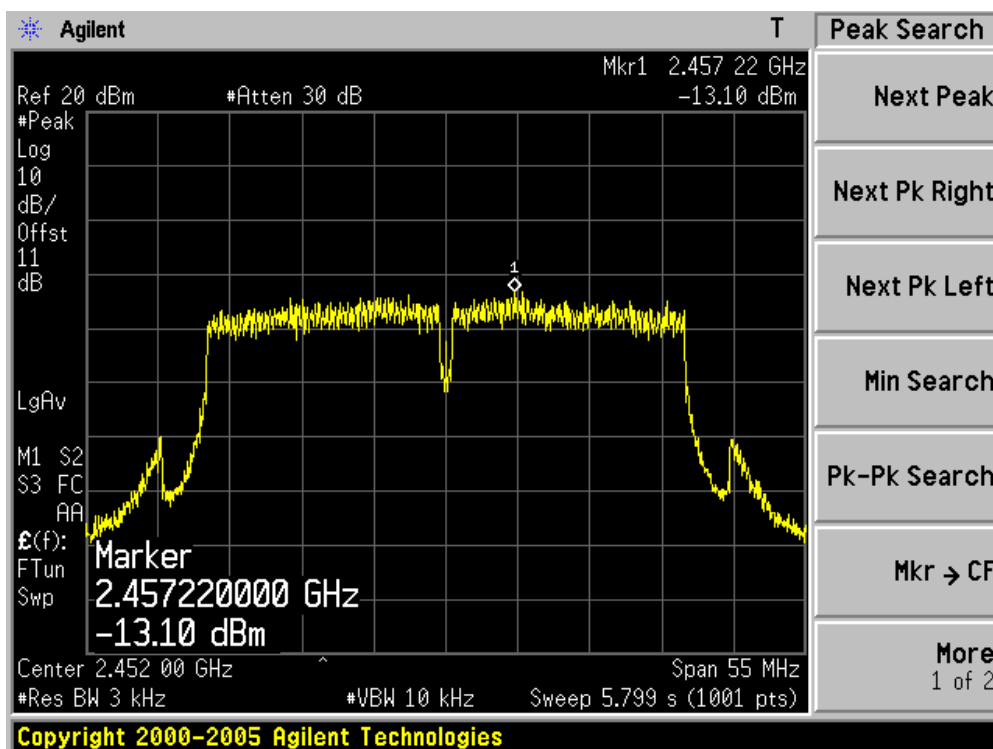
Channel 03 (2422MHz)



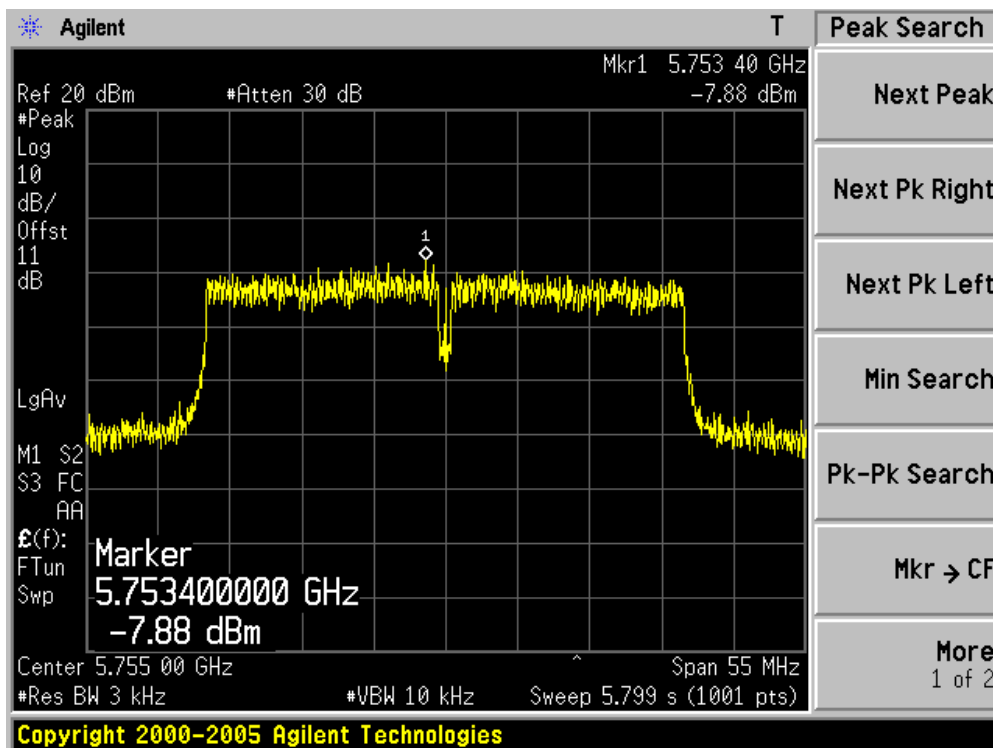
Channel 06 (2437MHz)



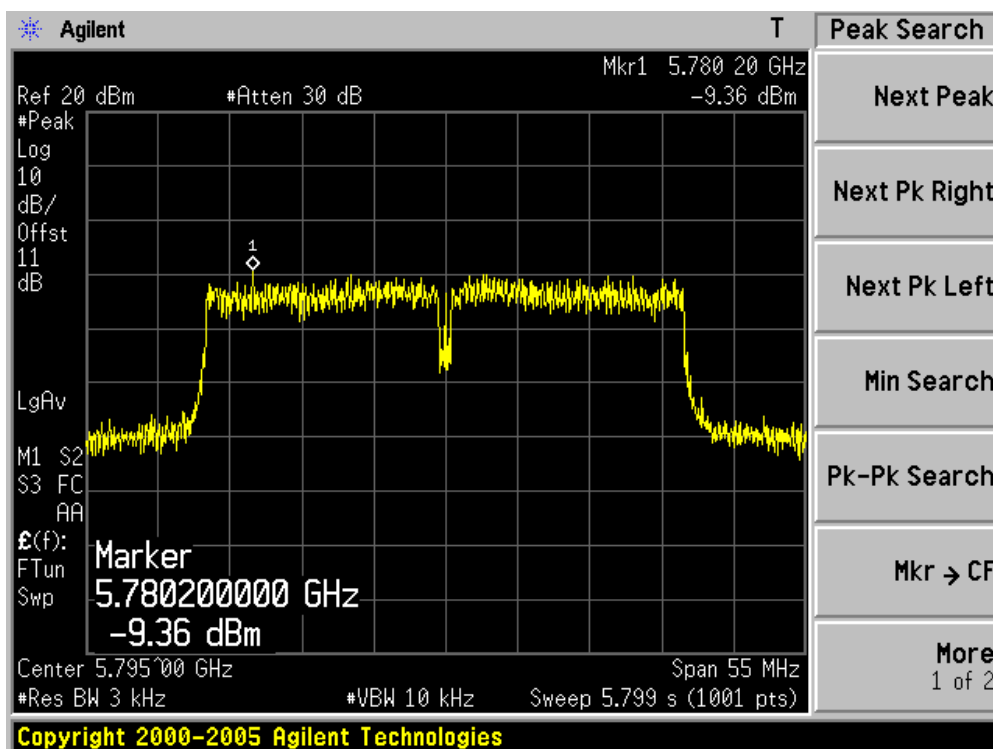
Channel 09 (2452MHz)



Channel 151 (5755MHz)



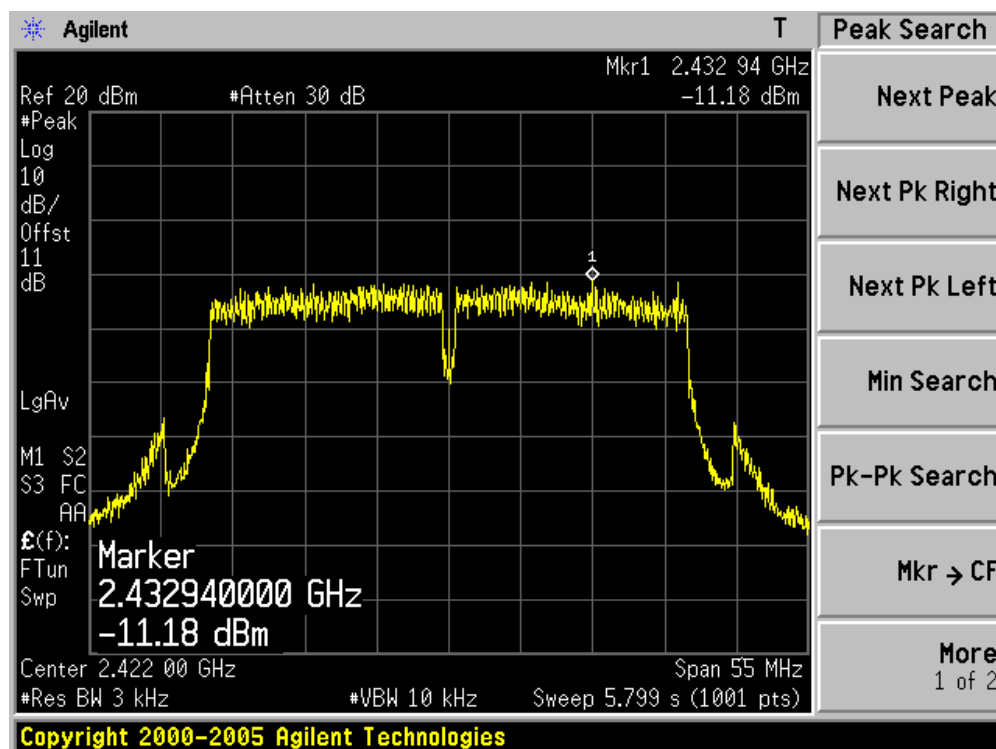
Channel 159 (5795MHz)



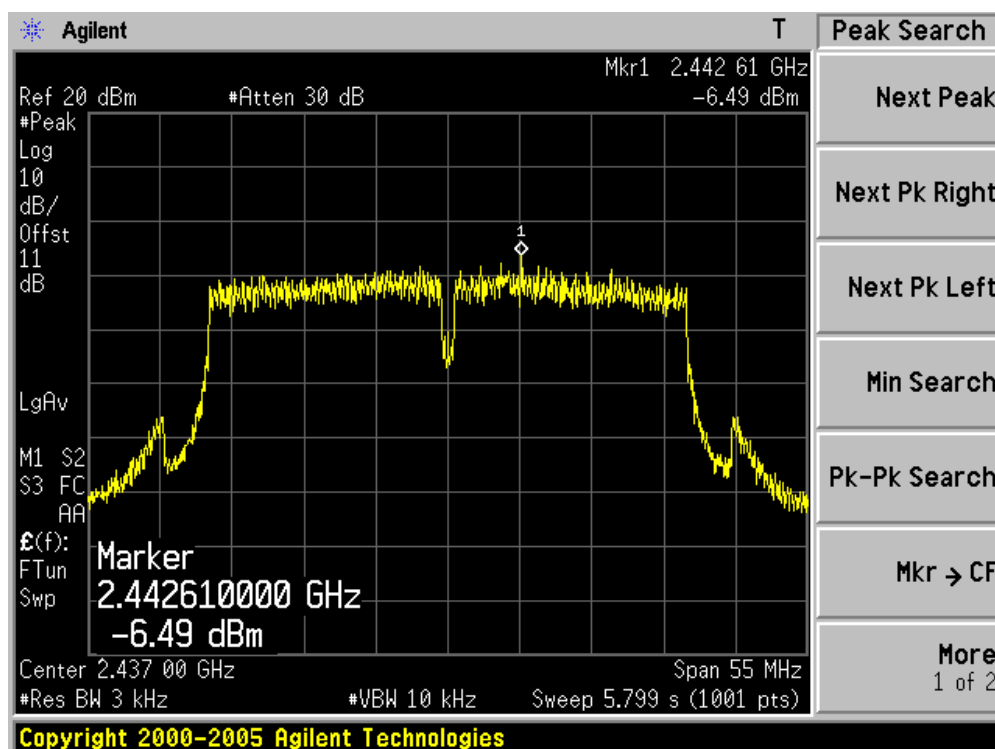
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11n(40MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
03	2422	-11.18	-9.64	-7.33	8	Pass
06	2437	-6.49	-6.24	-3.35	8	Pass
09	2452	-11.44	-11.48	-8.45	8	Pass
151	5755	-15.43	-15.30	-12.35	8	Pass
159	5795	-15.15	-13.16	-11.03	8	Pass

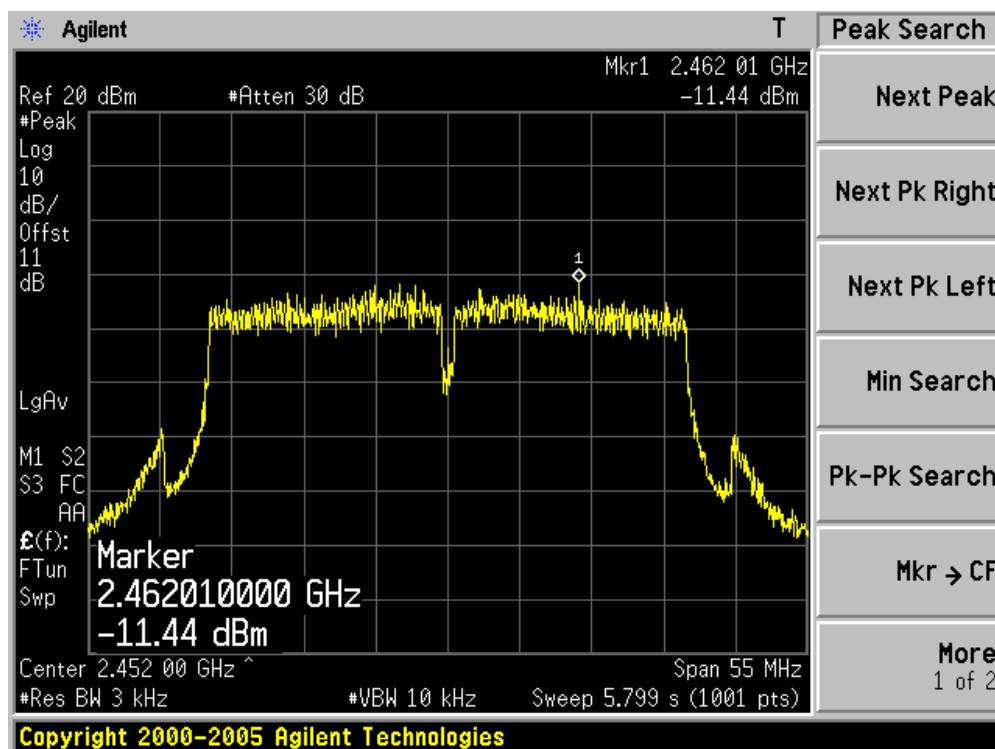
Channel 03 (2422MHz) Ant 1



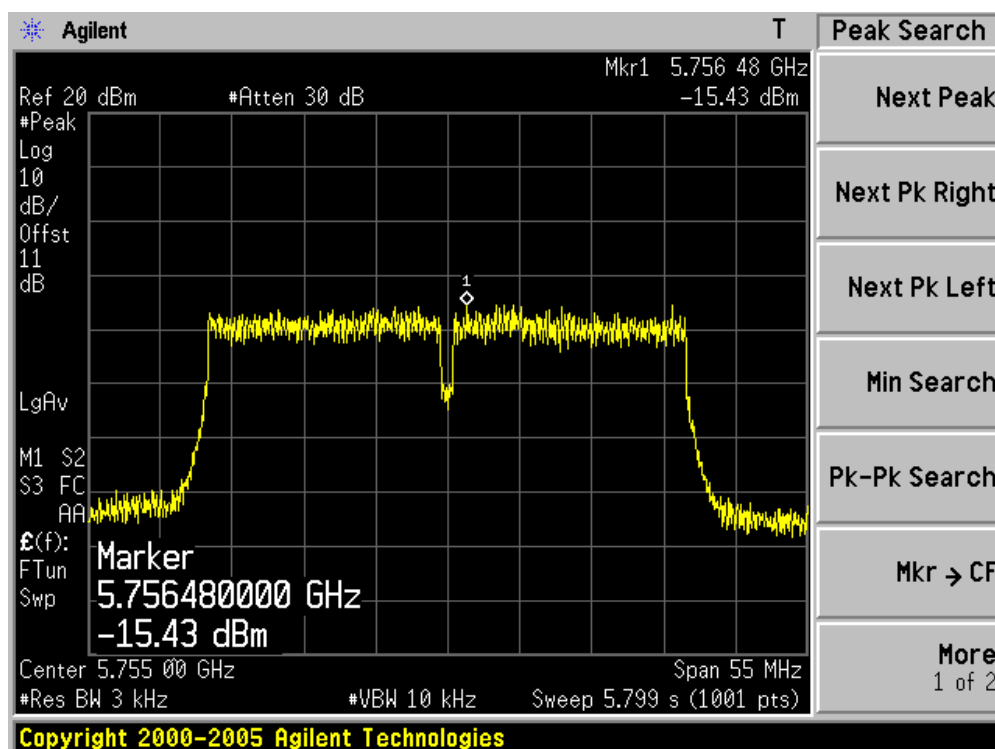
Channel 06 (2437MHz) Ant 1



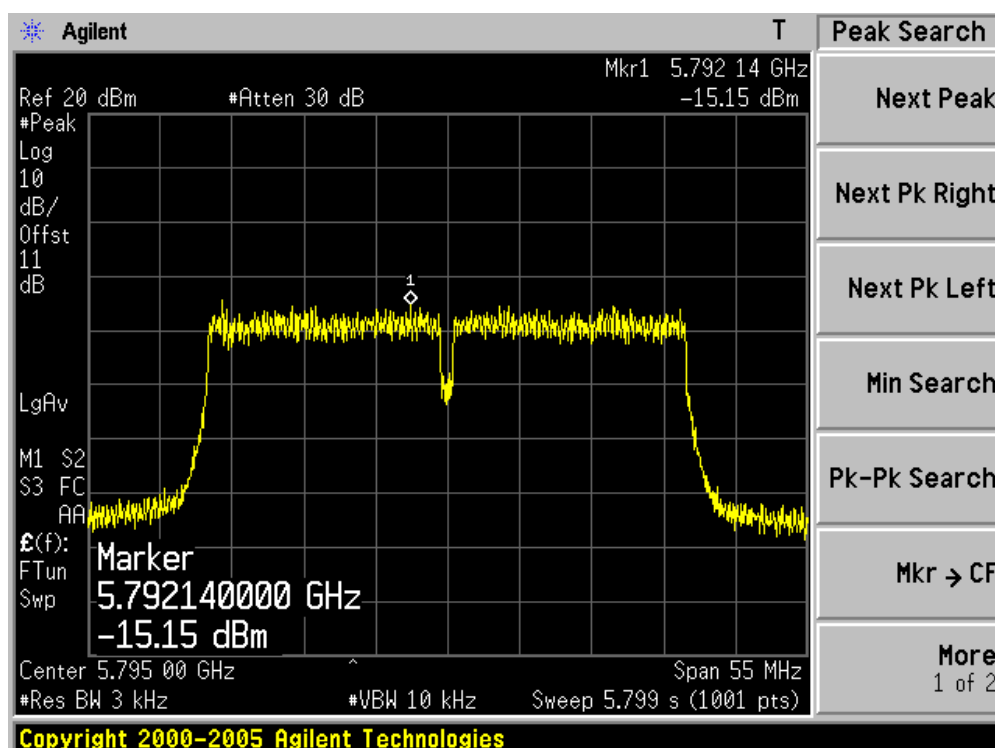
Channel 09 (2452MHz) Ant 1



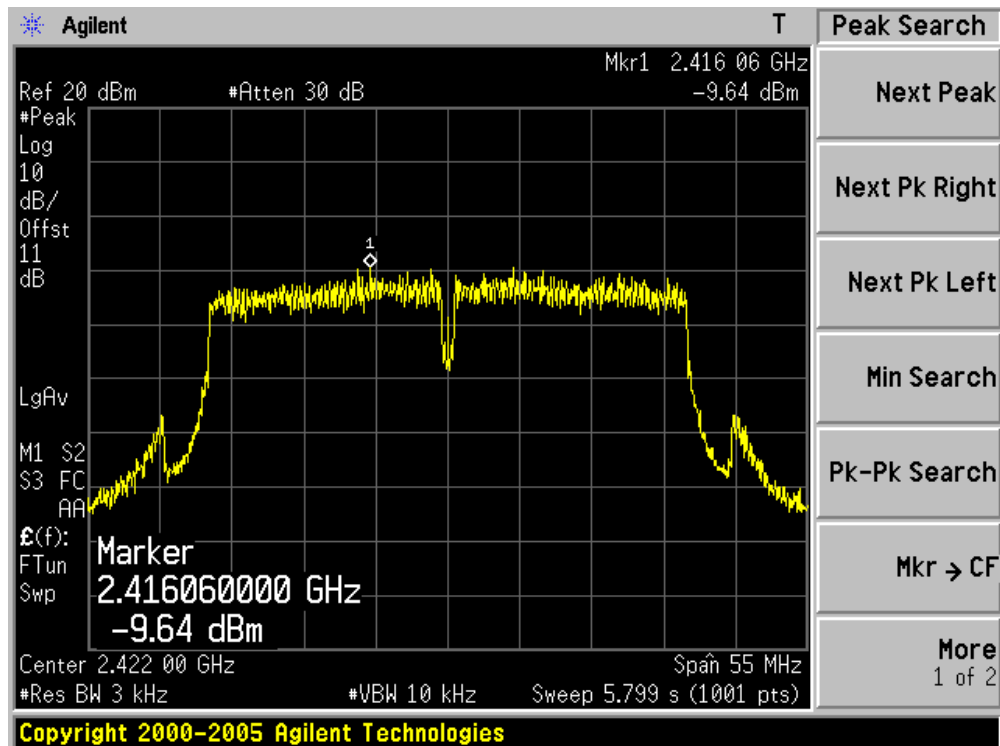
Channel 151 (5755MHz) Ant 1



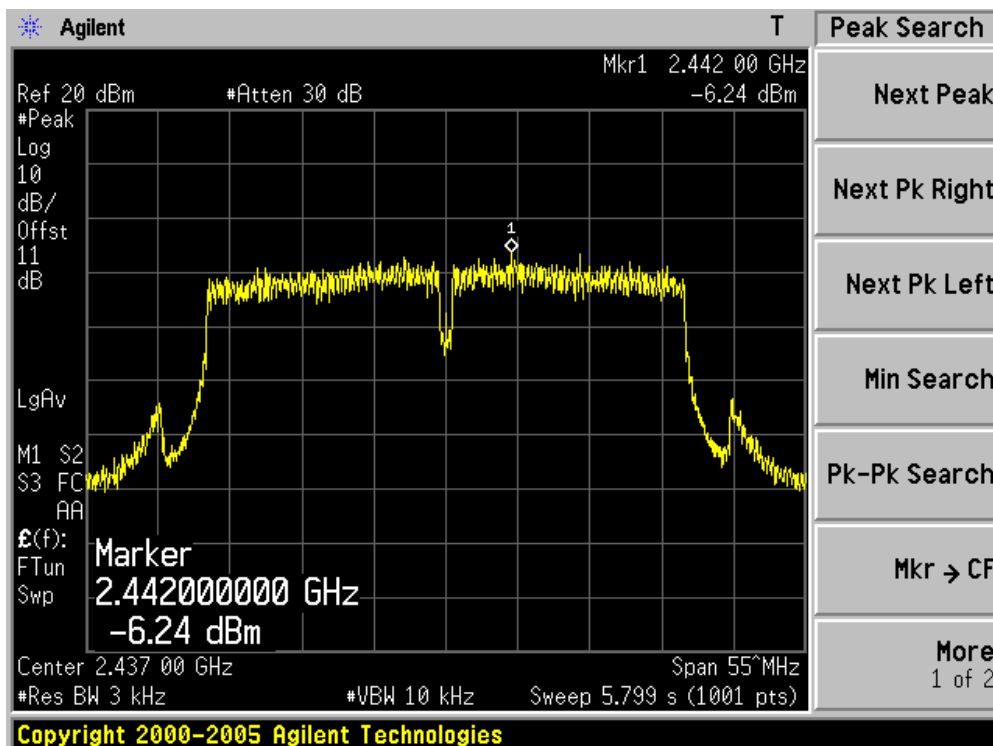
Channel 159 (5795MHz) Ant 1



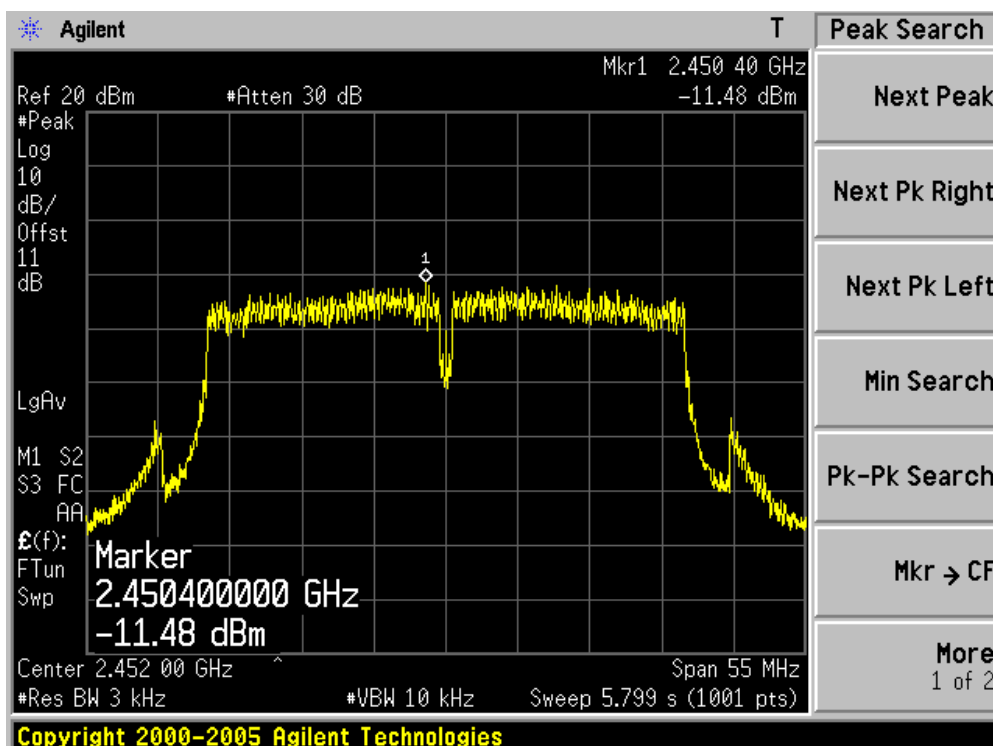
Channel 03 (2422MHz) Ant 2



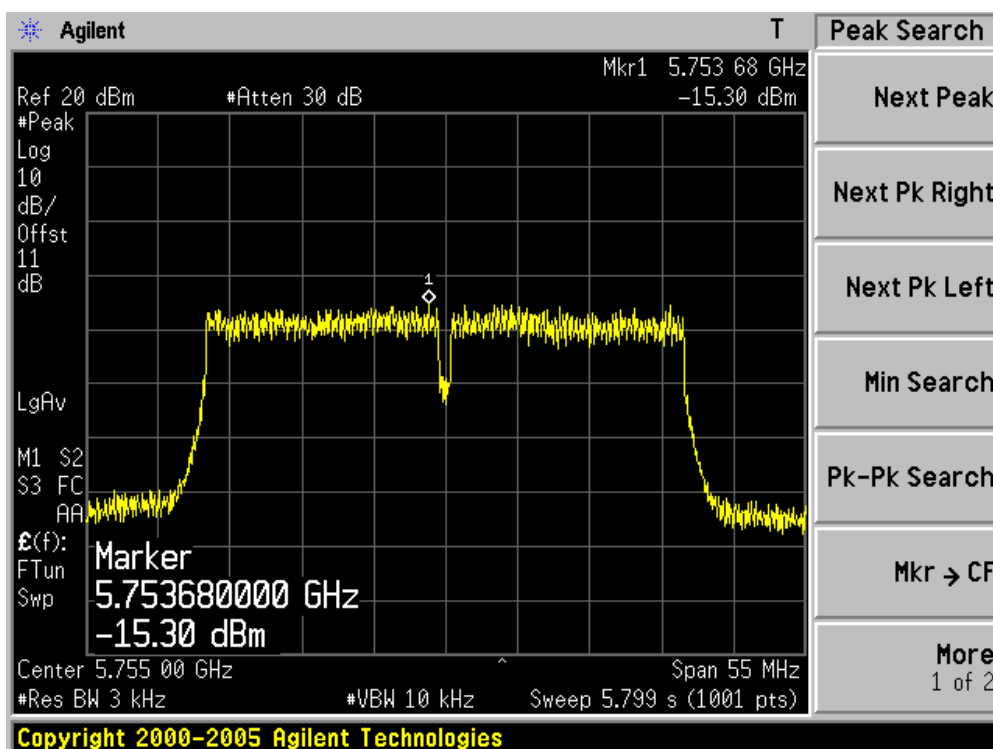
Channel 06 (2437MHz) Ant 2



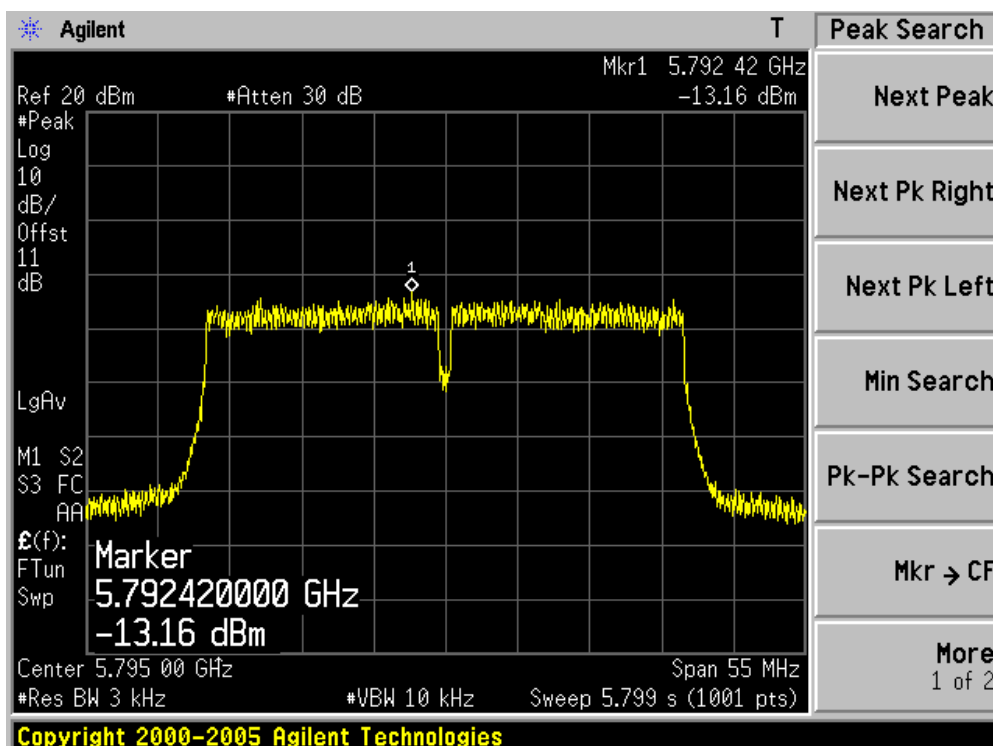
Channel 09 (2452MHz) Ant 2



Channel 151 (5755MHz) Ant 2



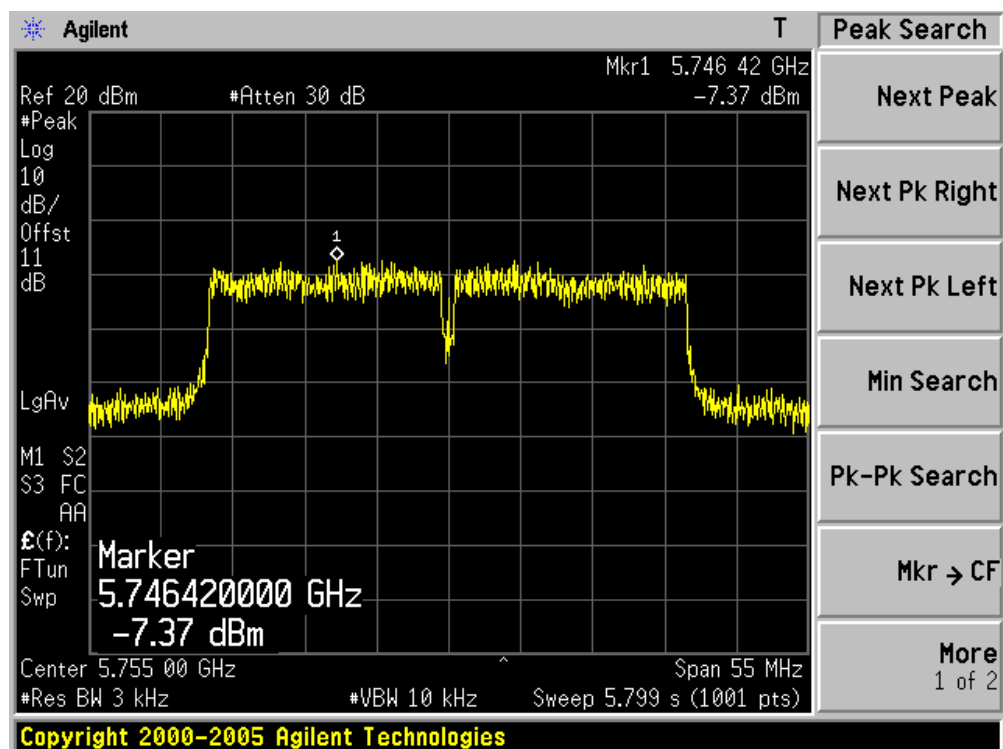
Channel 159 (5795MHz) Ant 2



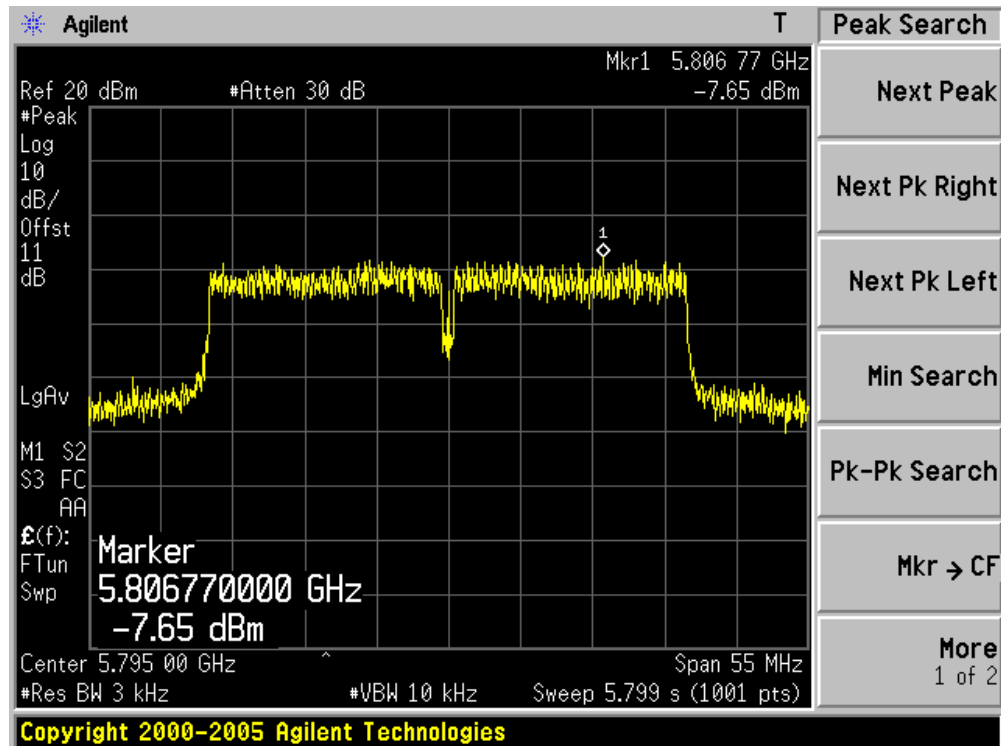
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
151	5755	-7.37	N/A	-7.37	8	Pass
159	5795	-7.65	N/A	-7.65	8	Pass

Channel 151 (5755MHz)



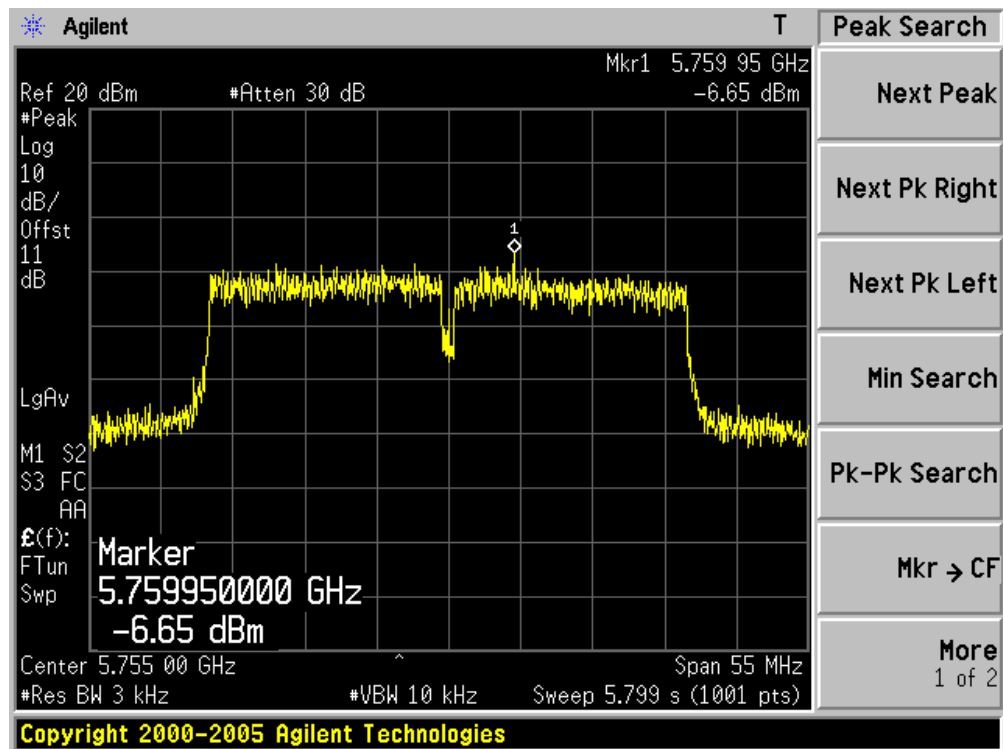
Channel 159 (5795MHz)



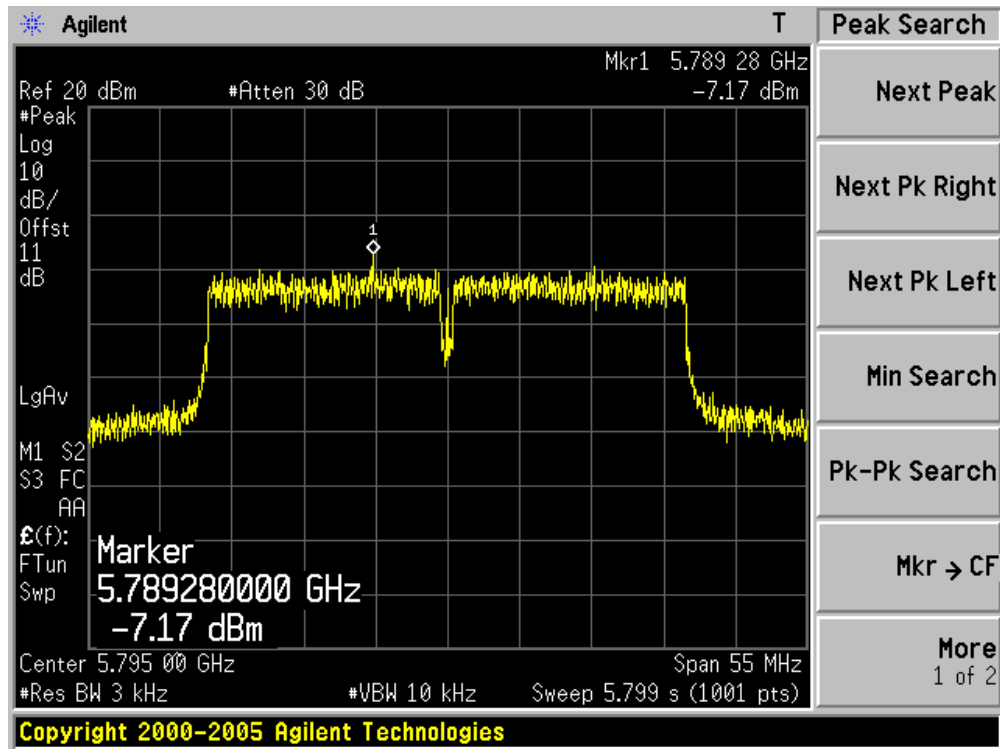
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
151	5755	N/A	-6.65	-6.65	8	Pass
159	5795	N/A	-7.17	-7.17	8	Pass

Channel 151 (5755MHz)



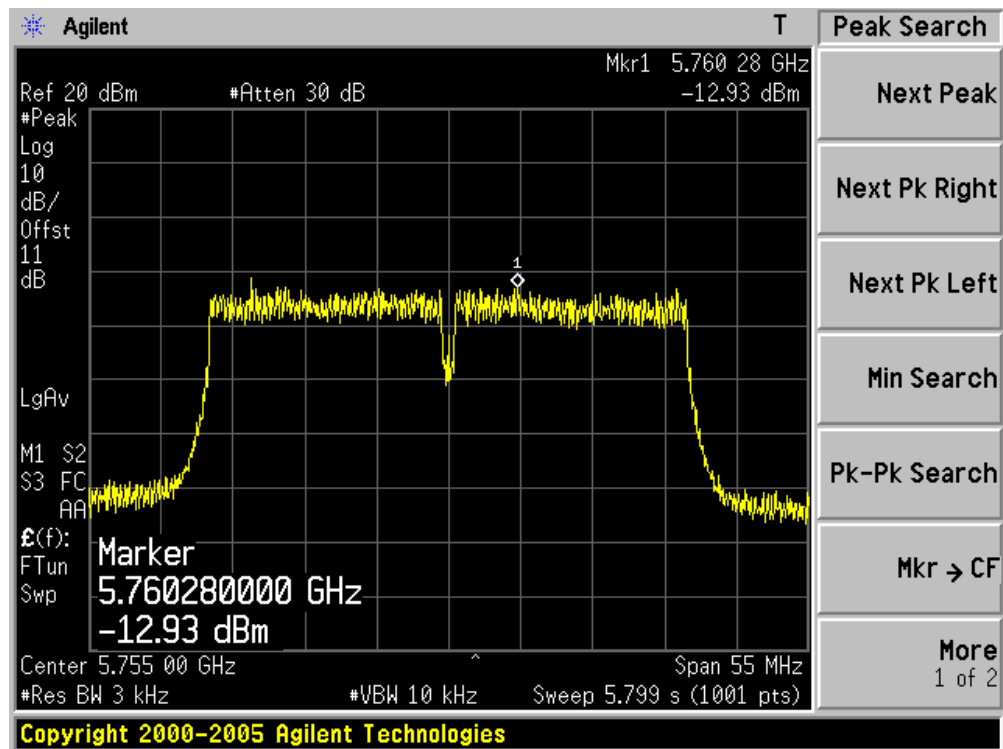
Channel 159 (5795MHz)



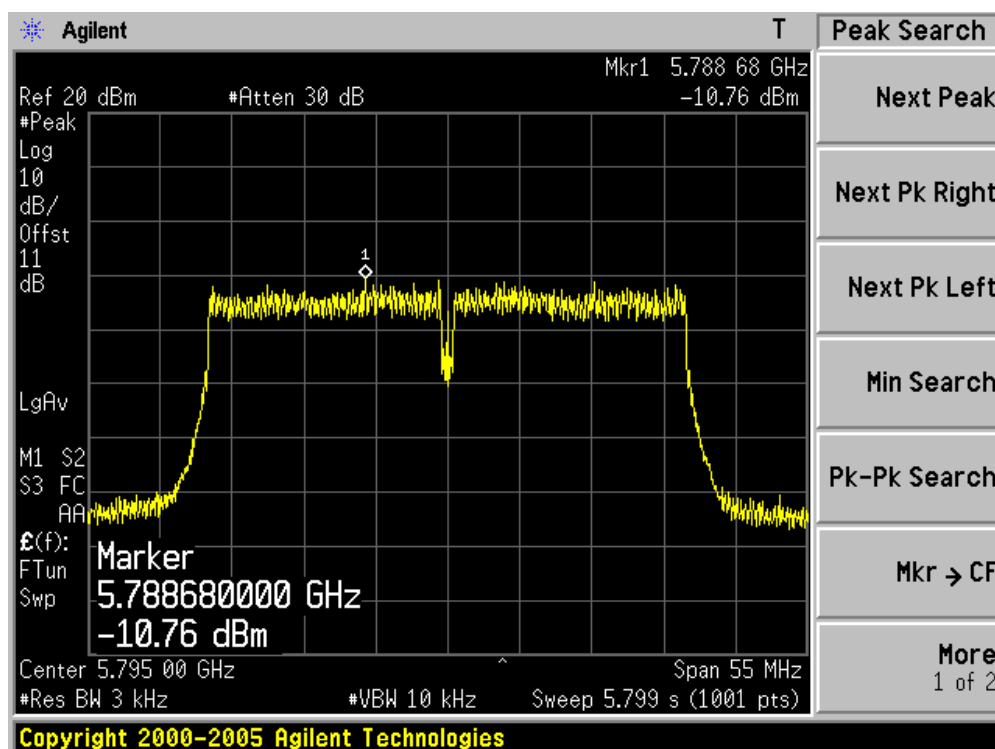
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 7: Transmit by 802.11ac(40MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
151	5755	-12.93	-11.28	-9.02	8	Pass
159	5795	-10.76	-11.32	-8.02	8	Pass

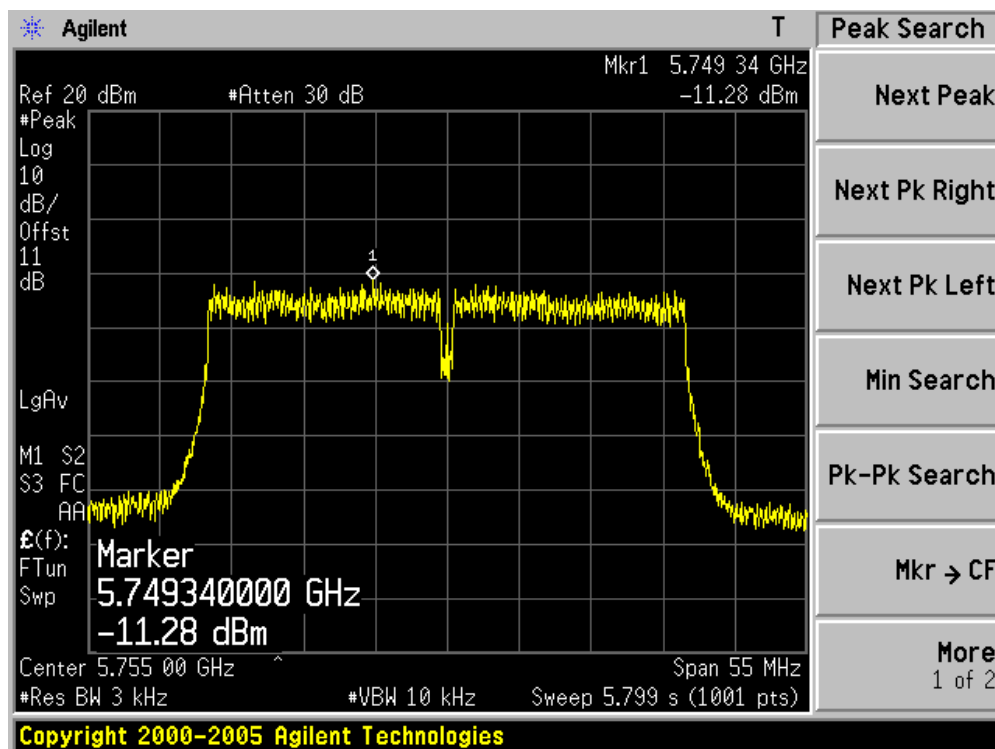
Channel 151 (5755MHz) Ant 1



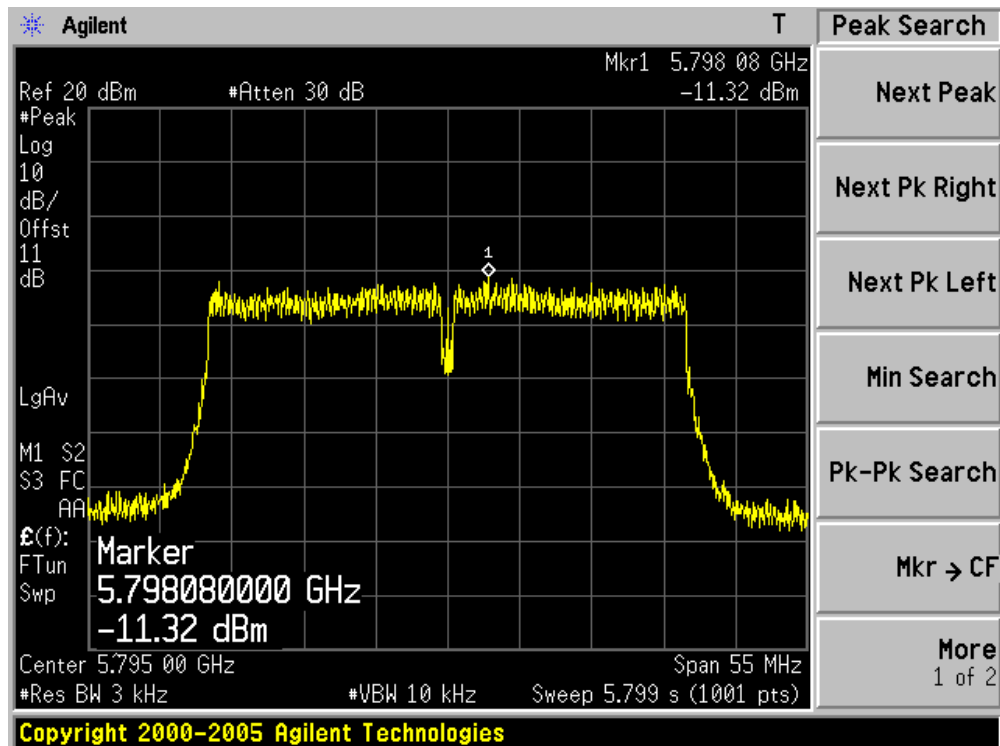
Channel 159 (5795MHz) Ant 1



Channel 151 (5755MHz) Ant 2



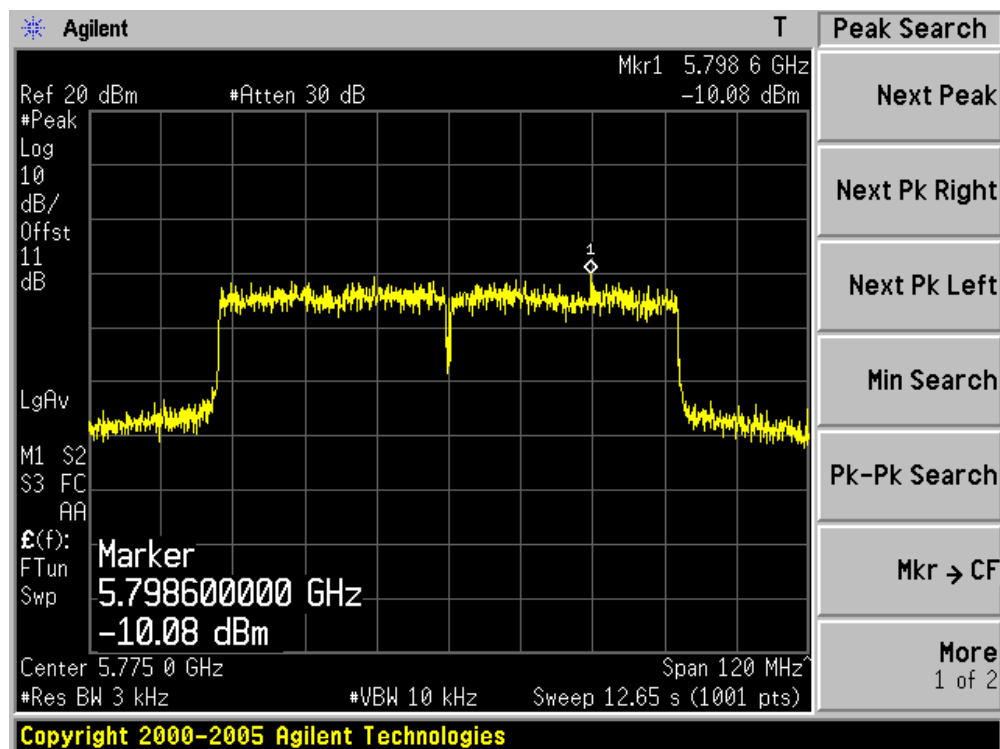
Channel 159 (5795MHz) Ant 2



Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
155	5775	-10.08	N/A	-10.08	8	Pass

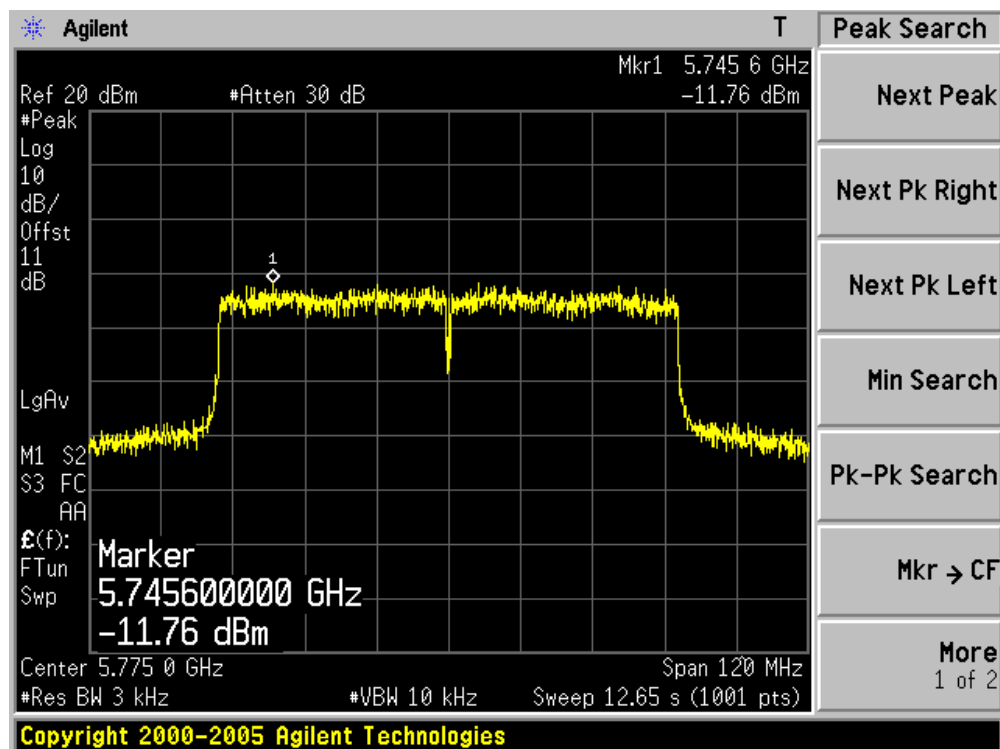
Channel 155 (5775MHz)



Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
155	5775	N/A	-11.76	-11.76	8	Pass

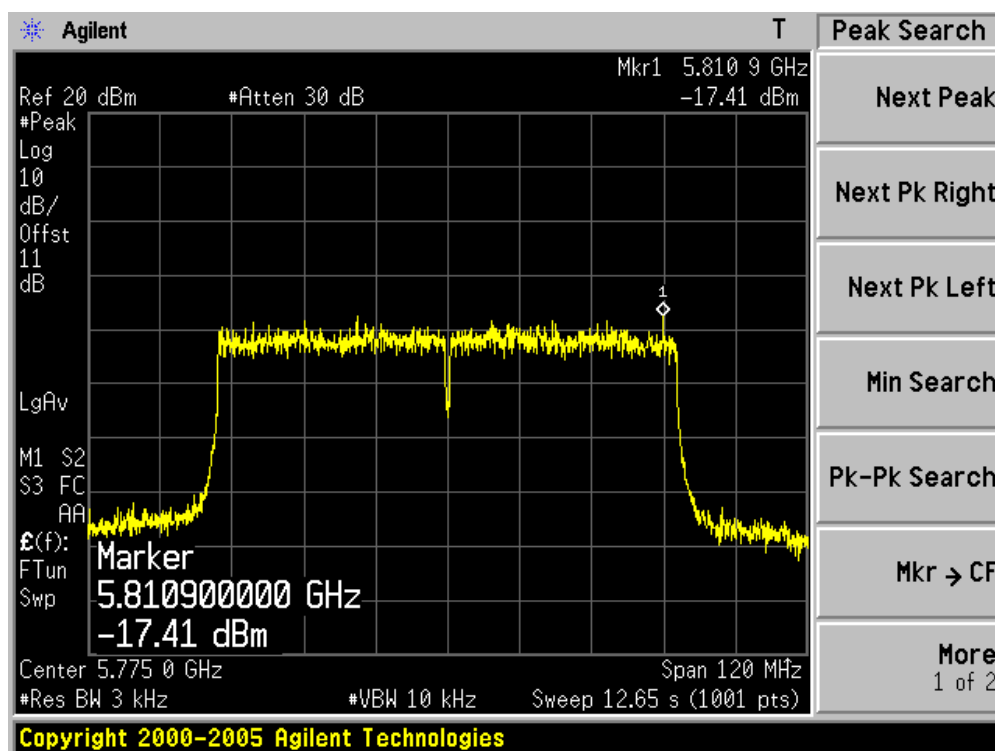
Channel 155 (5775MHz)



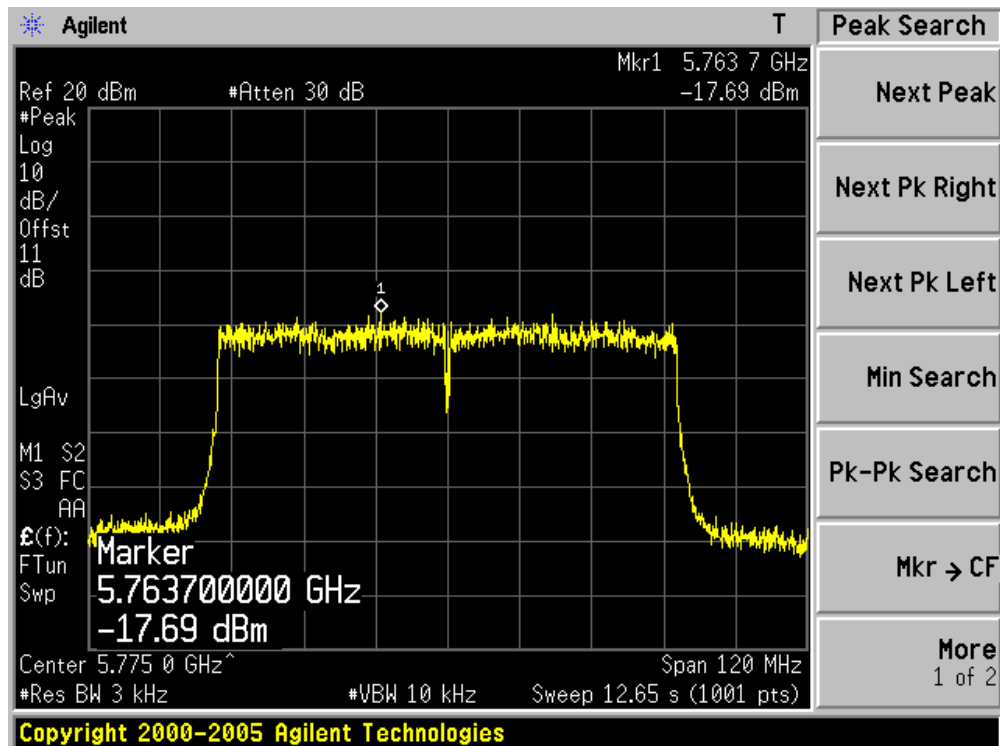
Product	:	Mi Wi-Fi
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 8: Transmit by 802.11ac(80MHz) (Ant 1+2)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Ant 1	Ant 2			
155	5775	-17.41	-17.69	-14.54	8	Pass

Channel 155 (5775MHz) Ant 1



Channel 155 (5775MHz) Ant 2



The End