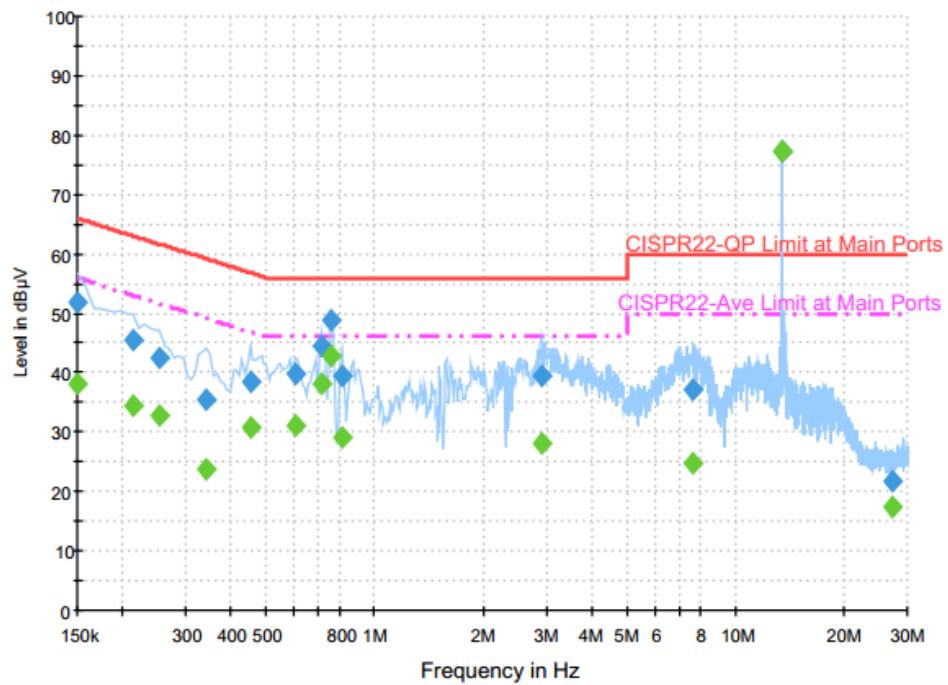




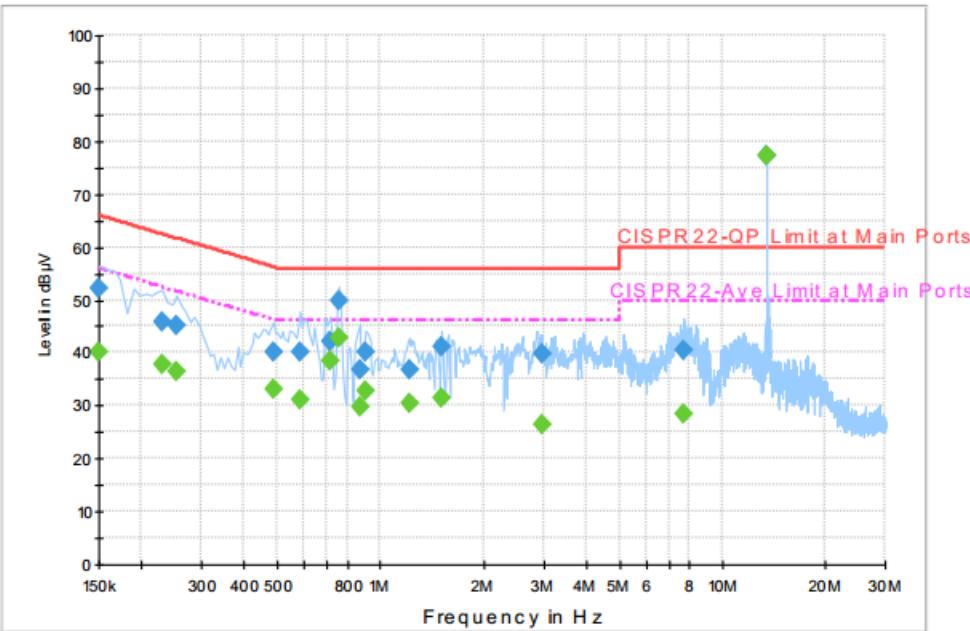
Test Mode :	Mode 2	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	NFC Link + WLAN (5GHz) Link + Bluetooth Link with Earphone 3 + Snap on USB Cable Data Link with Notebook + Copy Data from Notebook to EDA (SD Card) + AC Adapter		

**Final Result : Average**

Frequency (MHz)	Average (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.150000	38.3	Off	L1	19.6	17.7	56.0
0.214000	34.5	Off	L1	19.6	18.5	53.0
0.254000	32.9	Off	L1	19.6	18.7	51.6
0.342000	23.8	Off	L1	19.6	25.4	49.2
0.454000	30.8	Off	L1	19.6	16.0	46.8
0.606000	31.1	Off	L1	19.6	14.9	46.0
0.710000	38.2	Off	L1	19.6	7.8	46.0
0.758000	42.9	Off	L1	19.6	3.1	46.0
0.814000	29.1	Off	L1	19.6	16.9	46.0
2.918000	28.1	Off	L1	19.5	17.9	46.0
7.654000	24.6	Off	L1	19.7	25.4	50.0
13.558000	77.1	Off	L1	19.8	-27.1	50.0
27.118000	17.3	Off	L1	19.9	32.7	50.0



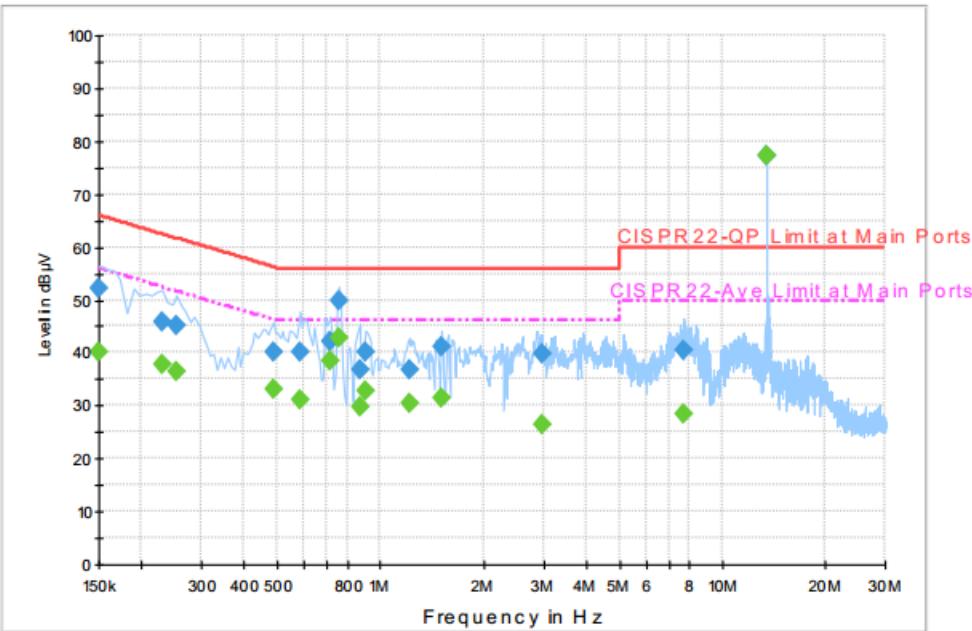
Test Mode :	Mode 2	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	NFC Link + WLAN (5GHz) Link + Bluetooth Link with Earphone 3 + Snap on USB Cable Data Link with Notebook + Copy Data from Notebook to EDA (SD Card) + AC Adapter		

**Final Result : Quasi-Peak**

Frequency (MHz)	Quasi-Peak (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.150000	52.0	Off	N	19.6	14.0	66.0
0.230000	45.9	Off	N	19.6	16.5	62.4
0.254000	45.3	Off	N	19.6	16.3	61.6
0.486000	40.2	Off	N	19.6	16.0	56.2
0.582000	40.1	Off	N	19.6	15.9	56.0
0.710000	42.1	Off	N	19.6	13.9	56.0
0.758000	49.8	Off	N	19.6	6.2	56.0
0.870000	36.7	Off	N	19.6	19.3	56.0
0.910000	40.1	Off	N	19.6	15.9	56.0
1.214000	36.9	Off	N	19.6	19.1	56.0
1.510000	41.0	Off	N	19.6	15.0	56.0
2.974000	39.7	Off	N	19.5	16.3	56.0
7.734000	40.3	Off	N	19.7	19.7	60.0
13.558000	77.4	Off	N	19.8	-17.4	60.0



Test Mode :	Mode 2	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	NFC Link + WLAN (5GHz) Link + Bluetooth Link with Earphone 3 + Snap on USB Cable Data Link with Notebook + Copy Data from Notebook to EDA (SD Card) + AC Adapter		

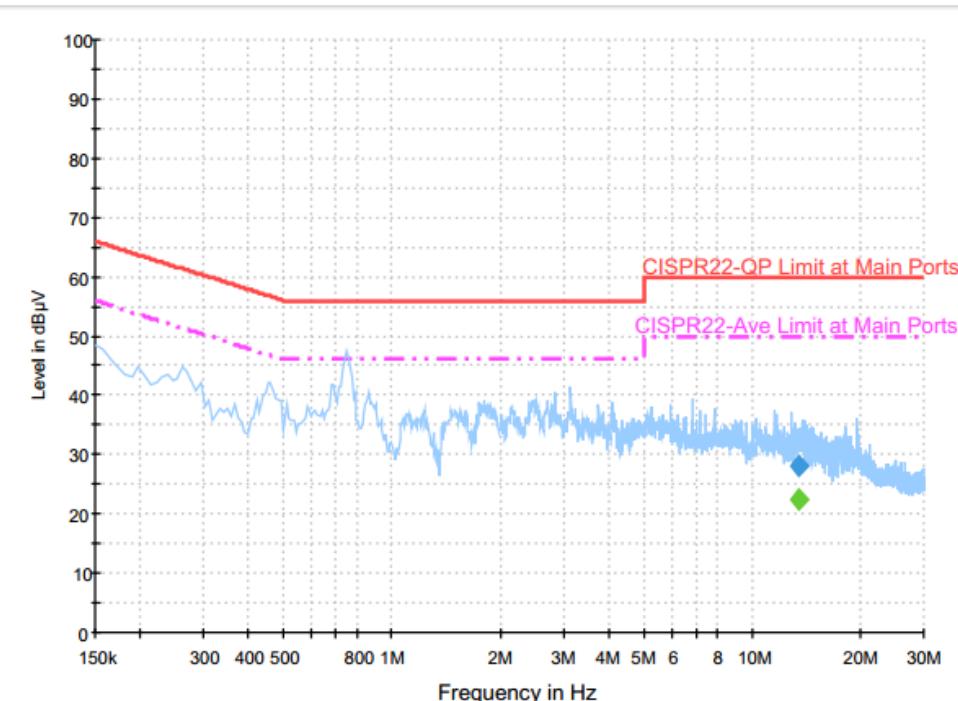
**Final Result : Average**

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	40.1	Off	N	19.6	15.9	56.0
0.230000	37.7	Off	N	19.6	14.7	52.4
0.254000	36.3	Off	N	19.6	15.3	51.6
0.486000	33.1	Off	N	19.6	13.1	46.2
0.582000	31.0	Off	N	19.6	15.0	46.0
0.710000	38.3	Off	N	19.6	7.7	46.0
0.758000	42.8	Off	N	19.6	3.2	46.0
0.870000	29.8	Off	N	19.6	16.2	46.0
0.910000	32.7	Off	N	19.6	13.3	46.0
1.214000	30.3	Off	N	19.6	15.7	46.0
1.510000	31.4	Off	N	19.6	14.6	46.0
2.974000	26.4	Off	N	19.5	19.6	46.0
7.734000	28.3	Off	N	19.7	21.7	50.0
13.558000	77.2	Off	N	19.8	-27.2	50.0



<Terminal test result with dummy load>

Test Mode :	Mode 2	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	NFC Link + WLAN (5GHz) Link + Bluetooth Link with Earphone 3 + Snap on USB Cable Data Link with Notebook + Copy Data from Notebook to EDA (SD Card) + AC Adapter		



Final Result : Quasi-Peak

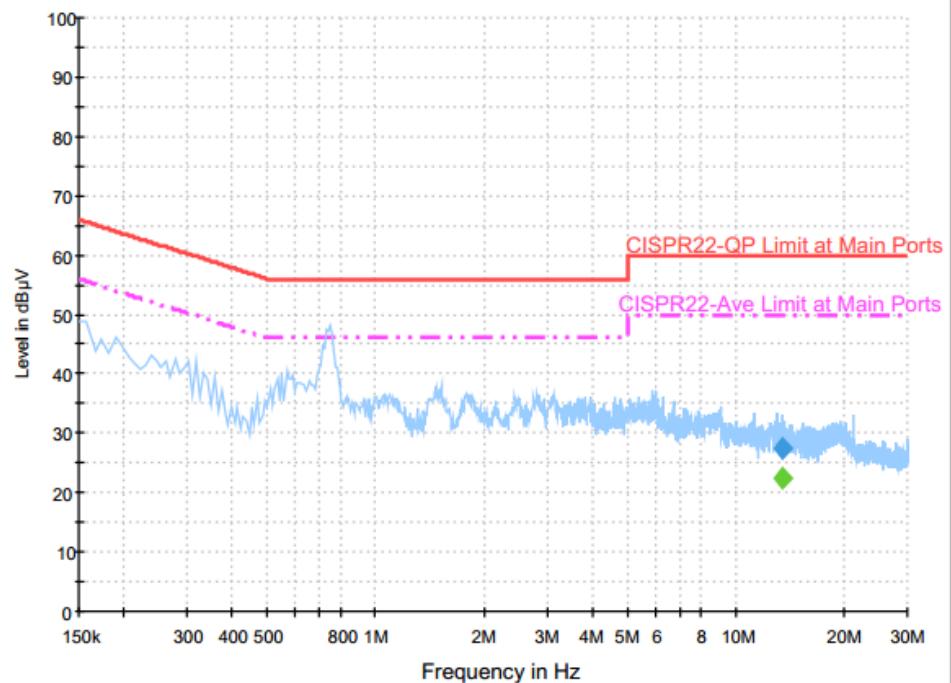
Frequency (MHz)	Quasi-Peak (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
13.558000	28.2	Off	L1	19.8	31.8	60.0

Final Result : Average

Frequency (MHz)	Average (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
13.558000	22.5	Off	L1	19.8	27.5	50.0



Test Mode :	Mode 2	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	NFC Link + WLAN (5GHz) Link + Bluetooth Link with Earphone 3 + Snap on USB Cable Data Link with Notebook + Copy Data from Notebook to EDA (SD Card) + AC Adapter		

**Final Result : Quasi-Peak**

Frequency (MHz)	Quasi-Peak (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
13.558000	27.4	Off	N	19.8	32.6	60.0

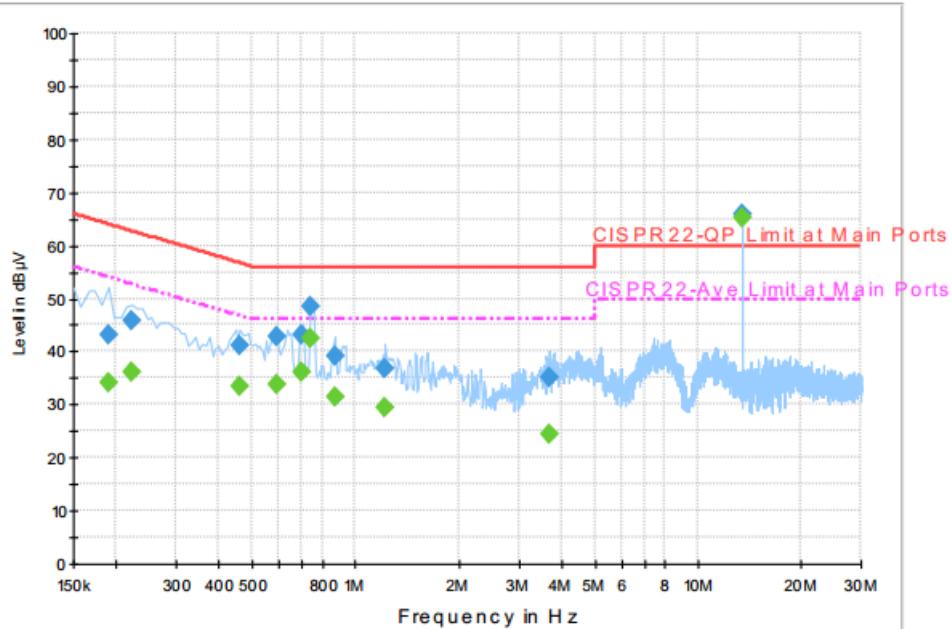
Final Result : Average

Frequency (MHz)	Average (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
13.558000	22.4	Off	N	19.8	27.6	50.0



<Original test result with NFC antenna>

Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	NFC Link + WLAN (2.4GHz) Link + Bluetooth Link + Earphone 2 with Audio Adapter connect to EUT + Charging Only Cable + AC Adapter		

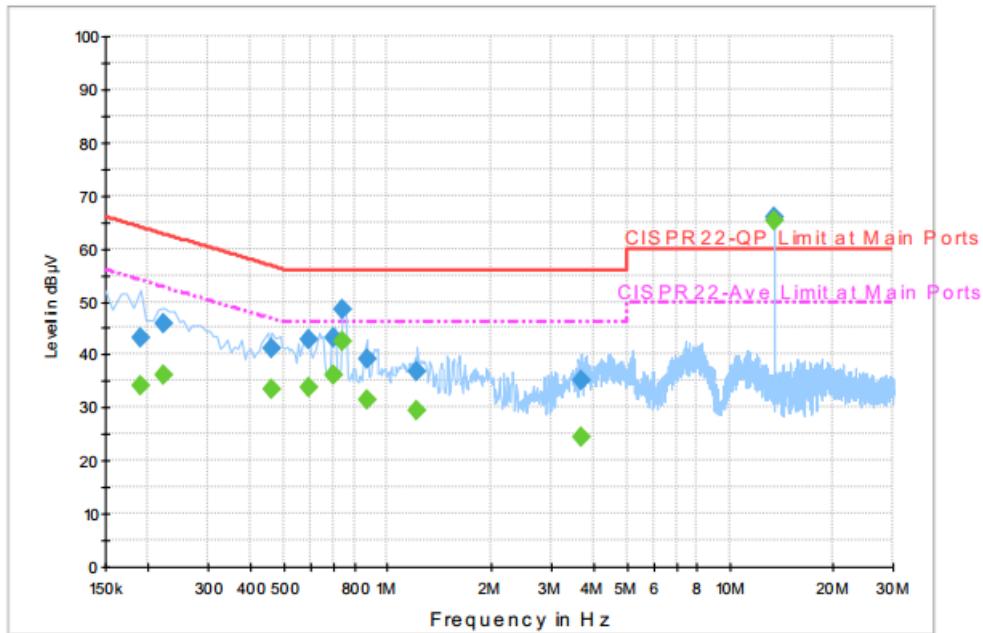


Final Result : Quasi-Peak

Frequency (MHz)	Quasi-Peak (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.190000	43.2	Off	L1	19.6	20.8	64.0
0.222000	45.8	Off	L1	19.6	16.9	62.7
0.462000	41.2	Off	L1	19.6	15.5	56.7
0.590000	42.7	Off	L1	19.6	13.3	56.0
0.694000	43.2	Off	L1	19.6	12.8	56.0
0.742000	48.5	Off	L1	19.6	7.5	56.0
0.870000	39.2	Off	L1	19.6	16.8	56.0
1.222000	36.6	Off	L1	19.6	19.4	56.0
3.702000	35.1	Off	L1	19.7	20.9	56.0
13.558000	65.8	Off	L1	19.8	-5.8	60.0



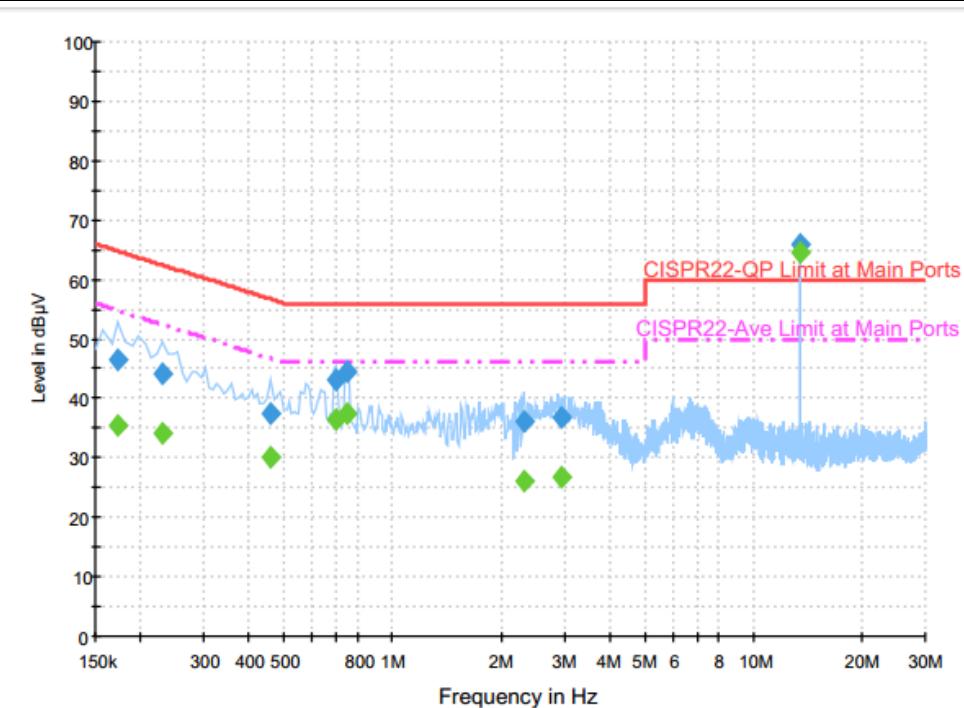
Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	NFC Link + WLAN (2.4GHz) Link + Bluetooth Link + Earphone 2 with Audio Adapter connect to EUT + Charging Only Cable + AC Adapter		

**Final Result : Average**

Frequency (MHz)	Average (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.190000	34.0	Off	L1	19.6	20.0	54.0
0.222000	36.3	Off	L1	19.6	16.4	52.7
0.462000	33.3	Off	L1	19.6	13.4	46.7
0.590000	33.9	Off	L1	19.6	12.1	46.0
0.694000	36.2	Off	L1	19.6	9.8	46.0
0.742000	42.6	Off	L1	19.6	3.4	46.0
0.870000	31.4	Off	L1	19.6	14.6	46.0
1.222000	29.4	Off	L1	19.6	16.6	46.0
3.702000	24.3	Off	L1	19.7	21.7	46.0
13.558000	65.4	Off	L1	19.8	-15.4	50.0



Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	NFC Link + WLAN (2.4GHz) Link + Bluetooth Link + Earphone 2 with Audio Adapter connect to EUT + Charging Only Cable + AC Adapter		



Final Result : Quasi-Peak

Frequency (MHz)	Quasi-Peak (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.174000	46.5	Off	N	19.6	18.3	64.8
0.230000	44.2	Off	N	19.6	18.2	62.4
0.462000	37.5	Off	N	19.6	19.2	56.7
0.694000	43.2	Off	N	19.6	12.8	56.0
0.750000	44.4	Off	N	19.6	11.6	56.0
2.318000	36.2	Off	N	18.6	19.8	56.0
2.942000	36.9	Off	N	19.5	19.1	56.0
13.558000	66.0	Off	N	19.8	-6.0	60.0

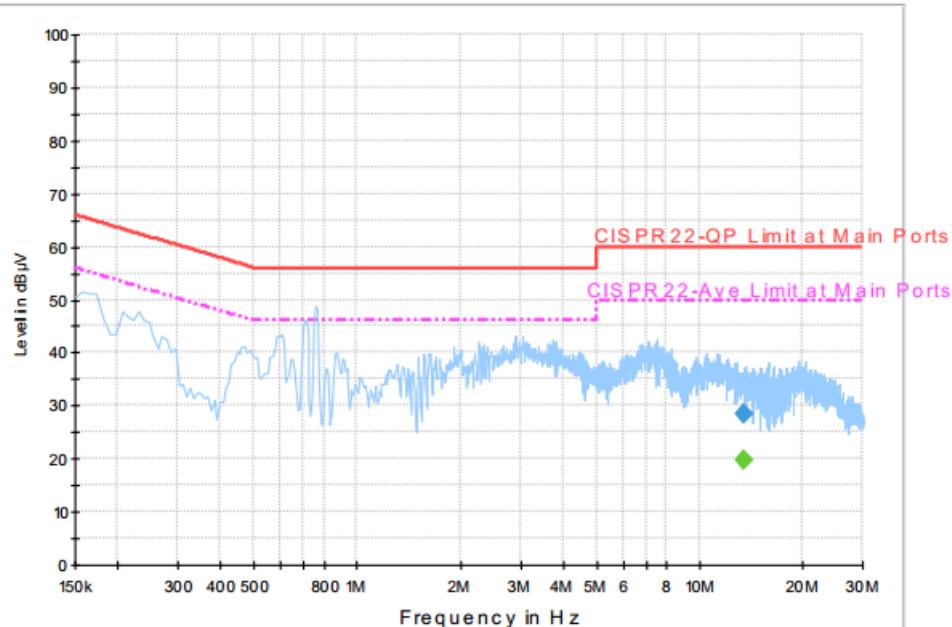
Final Result : Average

Frequency (MHz)	Average (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.174000	35.4	Off	N	19.6	19.4	54.8
0.230000	34.0	Off	N	19.6	18.4	52.4
0.462000	30.2	Off	N	19.6	16.5	46.7
0.694000	36.5	Off	N	19.6	9.5	46.0
0.750000	37.5	Off	N	19.6	8.5	46.0
2.318000	25.9	Off	N	18.6	20.1	46.0
2.942000	26.9	Off	N	19.5	19.1	46.0
13.558000	64.7	Off	N	19.8	-14.7	50.0



<Terminal test result with dummy load>

Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	NFC Link + WLAN (2.4GHz) Link + Bluetooth Link + Earphone 2 with Audio Adapter connect to EUT + Charging Only Cable + AC Adapter		



Final Result : Quasi-Peak

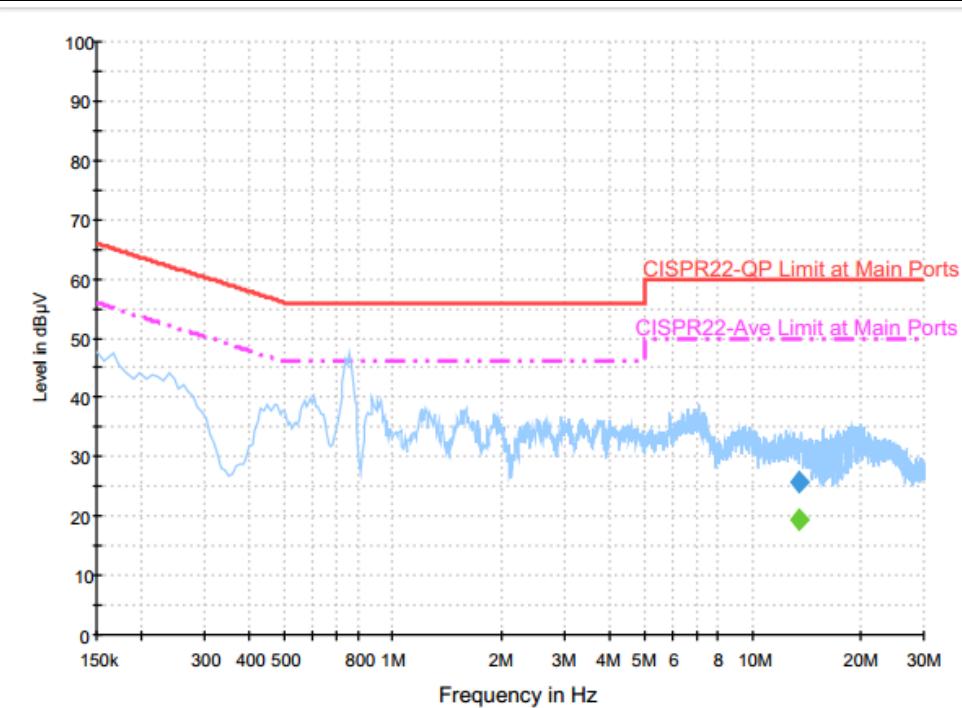
Frequency (MHz)	Quasi-Peak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
13.558000	28.4	Off	L1	19.8	31.6	60.0

Final Result : Average

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
13.558000	19.8	Off	L1	19.8	30.2	50.0



Test Mode :	Mode 3	Temperature :	22~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	NFC Link + WLAN (2.4GHz) Link + Bluetooth Link + Earphone 2 with Audio Adapter connect to EUT + Charging Only Cable + AC Adapter		

**Final Result : Quasi-Peak**

Frequency (MHz)	Quasi-Peak (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
13.558000	25.8	Off	N	19.8	34.2	60.0

Final Result : Average

Frequency (MHz)	Average (dB μ V)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
13.558000	19.5	Off	N	19.8	30.5	50.0



3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the Antenna exceeds 6 dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

CDD modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F2)f)i).

For PSD, the directional gain calculation is following F2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

			DG for Power	DG for PSD	Power Limit	PSD Limit
	Ant. 1 (dBi)	Ant. 2 (dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	2.60	1.80	2.60	5.22	0.00	0.00

$Power\ Limit\ Reduction = DG(Power) - 6dBi, (min = 0)$

$PSD\ Limit\ Reduction = DG(PSD) - 6dBi, (min = 0)$

**TXBF modes**

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

$$\text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
2.4 GHz	2.60	1.80	5.22	5.22	0.00	0.00

Power Limit Reduction = DG(Power) – 6dB_i, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dB_i, (min = 0)



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1132003	300MHz~40GHz z	Aug. 04, 2016	Aug. 18, 2016 ~ Sep. 22, 2016	Aug. 03, 2017	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1126017	300MHz~40GHz z	Aug. 04, 2016	Aug. 18, 2016 ~ Sep. 22, 2016	Aug. 03, 2017	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030S NO31	9kHz~6GHz	Sep. 17, 2015	Aug. 18, 2016 ~ Sep. 15, 2016	Sep. 16, 2016	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030S NO31	9kHz~6GHz	Sep. 21, 2016	Sep. 22, 2016	Sep. 20, 2017	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 23, 2015	Aug. 18, 2016 ~ Sep. 22, 2016	Nov. 22, 2016	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 06, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Sep. 06, 2016	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Sep. 06, 2016	Dec. 01, 2016	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 14, 2015	Sep. 06, 2016	Dec. 13, 2016	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D	35419	30MHz to 1GHz	Jan. 13, 2016	Aug. 23, 2016 ~ Sep. 09, 2016	Jan. 12, 2017	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 19, 2016	Aug. 23, 2016 ~ Sep. 09, 2016	Aug. 18, 2017	Radiation (03CH07-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY541300 85	20Hz ~ 8.4GHz	Nov. 04, 2015	Aug. 23, 2016 ~ Sep. 09, 2016	Nov. 03, 2016	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Aug. 23, 2016 ~ Sep. 09, 2016	Sep. 01, 2017	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz ~ 18GHz	Apr. 15, 2016	Aug. 23, 2016 ~ Sep. 09, 2016	Apr. 14, 2017	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	Mar. 18, 2016	Aug. 23, 2016 ~ Sep. 09, 2016	Mar. 17, 2017	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A023 62	1GHz~ 26.5GHz	Oct. 19, 2015	Aug. 23, 2016 ~ Sep. 09, 2016	Oct. 18, 2016	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY534701 18	10Hz~44GHz	Feb. 27, 2016	Aug. 23, 2016 ~ Sep. 09, 2016	Feb. 26, 2017	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Aug. 23, 2016 ~ Sep. 09, 2016	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Aug. 23, 2016 ~ Sep. 09, 2016	N/A	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-180040 00-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Aug. 23, 2016 ~ Sep. 09, 2016	Jun. 13, 2017	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170 584	18GHz- 40GHz	Nov. 02, 2015	Aug. 23, 2016 ~ Sep. 09, 2016	Nov. 01, 2016	Radiation (03CH07-HY)



5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{c(y)}$)	2.26
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{c(y)}$)	5.70
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{c(y)}$)	5.50
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_{c(y)}$)	5.20
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Appendix A. Conducted Test Results

<CDD Modes>

Test Engineer:	AnAn Wu	Temperature:	21-25	°C
Test Date:	2016/08/18-2016/09/22	Relative Humidity:	51-54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band										
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	11.80	11.95	9.00	9.04	0.50	Pass
11b	1Mbps	1	6	2437	11.80	11.90	8.52	9.02	0.50	Pass
11b	1Mbps	1	11	2462	11.80	11.85	8.52	8.52	0.50	Pass
11g	6Mbps	1	1	2412	18.35	18.50	16.32	16.32	0.50	Pass
11g	6Mbps	1	6	2437	18.40	18.60	16.32	16.32	0.50	Pass
11g	6Mbps	1	11	2462	17.95	18.15	16.08	15.72	0.50	Pass
11b	1Mbps	2	1	2412	11.80	11.95	9.02	9.00	0.50	Pass
11b	1Mbps	2	6	2437	11.80	11.90	9.04	9.04	0.50	Pass
11b	1Mbps	2	11	2462	11.75	11.85	8.52	8.56	0.50	Pass
11g	6Mbps	2	1	2412	18.30	18.55	16.32	16.36	0.50	Pass
11g	6Mbps	2	6	2437	18.35	18.20	16.32	16.36	0.50	Pass
11g	6Mbps	2	11	2462	18.10	18.10	16.08	15.76	0.50	Pass
VHT20	MCS0	2	1	2412	18.30	18.25	16.34	16.32	0.50	Pass
VHT20	MCS0	2	6	2437	18.35	18.45	16.28	16.36	0.50	Pass
VHT20	MCS0	2	11	2462	18.10	18.15	16.08	15.76	0.50	Pass
VHT40	MCS0	2	3	2422	36.60	36.70	36.32	36.32	0.50	Pass
VHT40	MCS0	2	6	2437	36.70	36.60	36.32	36.36	0.50	Pass
VHT40	MCS0	2	9	2452	36.60	36.60	35.68	35.76	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band											
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
11b	1Mbps	1	1	2412	20.63	21.05		2.60	1.80	23.23	22.85
11b	1Mbps	1	2	2417	20.66	21.54		2.60	1.80	23.26	23.34
11b	1Mbps	1	6	2437	21.08	21.76		2.60	1.80	23.68	23.56
11b	1Mbps	1	10	2457	21.10	21.60		2.60	1.80	23.70	23.40
11b	1Mbps	1	11	2462	21.27	21.32		2.60	1.80	23.87	23.12
11g	6Mbps	1	1	2412	22.11	22.11		2.60	1.80	24.71	23.91
11g	6Mbps	1	2	2417	23.12	23.12		2.60	1.80	25.72	24.92
11g	6Mbps	1	6	2437	23.20	23.20		2.60	1.80	25.80	25.00
11g	6Mbps	1	10	2457	23.20	23.20		2.60	1.80	25.80	25.00
11g	6Mbps	1	11	2462	22.10	22.69		2.60	1.80	24.70	24.49
HT20	MCS0	1	1	2412	20.85	21.52		2.60	1.80	23.45	23.32
HT20	MCS0	1	2	2417	23.30	24.12		2.60	1.80	25.90	25.92
HT20	MCS0	1	6	2437	23.25	23.90		2.60	1.80	25.85	25.70
HT20	MCS0	1	10	2457	22.73	24.08		2.60	1.80	25.33	25.88
HT20	MCS0	1	11	2462	21.80	21.91		2.60	1.80	24.40	23.71
HT40	MCS0	1	3	2422	19.92	20.28		2.60	1.80	22.52	22.08
HT40	MCS0	1	4	2427	19.89	21.62		2.60	1.80	22.49	23.42
HT40	MCS0	1	6	2437	21.67	21.71		2.60	1.80	24.27	23.51
HT40	MCS0	1	8	2447	20.46	21.80		2.60	1.80	23.06	23.60
HT40	MCS0	1	9	2452	20.39	20.43		2.60	1.80	22.99	22.23
VHT20	MCS0	1	1	2412	20.87	21.54		2.60	1.80	23.47	23.34
VHT20	MCS0	1	2	2417	23.39	23.68		2.60	1.80	25.99	25.48
VHT20	MCS0	1	6	2437	23.32	23.95		2.60	1.80	25.92	25.75
VHT20	MCS0	1	10	2457	23.25	23.96		2.60	1.80	25.85	25.76
VHT20	MCS0	1	11	2462	21.82	21.92		2.60	1.80	24.42	23.72
VHT40	MCS0	1	3	2422	19.96	20.30		2.60	1.80	22.56	22.10
VHT40	MCS0	1	4	2427	19.90	21.62		2.60	1.80	22.50	23.42
VHT40	MCS0	1	6	2437	21.70	21.73		2.60	1.80	24.30	23.53
VHT40	MCS0	1	8	2447	20.75	21.70		2.60	1.80	23.35	23.50
VHT40	MCS0	1	9	2452	20.45	20.45		2.60	1.80	23.05	22.25

11b	1Mbps	2	1	2412	20.85	21.25	24.06	2.60	26.66
11b	1Mbps	2	2	2417	20.80	21.22	24.03	2.60	26.63
11b	1Mbps	2	6	2437	21.32	21.95	24.66	2.60	27.26
11b	1Mbps	2	10	2457	21.33	21.48	24.42	2.60	27.02
11b	1Mbps	2	11	2462	21.38	21.52	24.46	2.60	27.06
11g	6Mbps	2	1	2412	22.11	22.64	25.39	2.60	27.99
11g	6Mbps	2	2	2417	23.08	23.70	26.41	2.60	29.01
11g	6Mbps	2	6	2437	23.15	24.42	26.47	2.60	29.07
11g	6Mbps	2	10	2457	23.16	23.79	26.50	2.60	29.10
11g	6Mbps	2	11	2462	21.99	22.45	25.24	2.60	27.84
HT20	MCS0	2	1	2412	20.82	21.41	24.14	2.60	26.74
HT20	MCS0	2	2	2417	23.18	23.36	26.28	2.60	28.88
HT20	MCS0	2	6	2437	23.20	24.68	26.54	2.60	29.14
HT20	MCS0	2	10	2457	22.78	22.98	25.89	2.60	28.49
HT20	MCS0	2	11	2462	21.49	21.96	24.74	2.60	27.34
HT40	MCS0	2	3	2422	19.92	20.54	23.25	2.60	25.85
HT40	MCS0	2	4	2427	19.88	20.51	23.22	2.60	25.82
HT40	MCS0	2	6	2437	21.65	23.28	24.97	2.60	27.57
HT40	MCS0	2	8	2447	20.32	20.63	23.49	2.60	26.09
HT40	MCS0	2	9	2452	20.26	20.59	23.44	2.60	26.04
VHT20	MCS0	2	1	2412	20.83	21.42	24.15	2.60	26.75
VHT20	MCS0	2	2	2417	23.11	23.87	26.52	2.60	29.12
VHT20	MCS0	2	6	2437	23.21	23.88	26.57	2.60	29.17
VHT20	MCS0	2	10	2457	23.01	23.64	26.35	2.60	28.95
VHT20	MCS0	2	11	2462	21.51	21.97	24.76	2.60	27.36
VHT40	MCS0	2	3	2422	20.12	20.60	23.38	2.60	25.98
VHT40	MCS0	2	4	2427	20.14	20.63	23.40	2.60	26.00
VHT40	MCS0	2	6	2437	21.67	22.29	25.00	2.60	27.60
VHT40	MCS0	2	8	2447	20.40	20.70	23.56	2.60	26.16
VHT40	MCS0	2	9	2452	20.28	20.62	23.46	2.60	26.06

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band																		
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	0.06	0.06	17.60	17.94		30.00	30.00	2.60	1.80	20.20	19.74	36.00	36.00	Pass
11b	1Mbps	1	2	2417	0.06	0.06	17.65	18.33		30.00	30.00	2.60	1.80	20.25	20.13	36.00	36.00	Pass
11b	1Mbps	1	6	2437	0.06	0.06	18.04	18.72		30.00	30.00	2.60	1.80	20.64	20.52	36.00	36.00	Pass
11b	1Mbps	1	10	2457	0.06	0.06	18.09	18.44		30.00	30.00	2.60	1.80	20.69	20.24	36.00	36.00	Pass
11b	1Mbps	1	11	2462	0.06	0.06	18.13	18.23		30.00	30.00	2.60	1.80	20.73	20.03	36.00	36.00	Pass
11g	6Mbps	1	1	2412	0.35	0.35	16.17	16.71		30.00	30.00	2.60	1.80	18.77	18.51	36.00	36.00	Pass
11g	6Mbps	1	2	2417	0.35	0.35	16.90	17.89		30.00	30.00	2.60	1.80	19.50	19.69	36.00	36.00	Pass
11g	6Mbps	1	6	2437	0.35	0.35	17.10	17.90		30.00	30.00	2.60	1.80	19.70	19.70	36.00	36.00	Pass
11g	6Mbps	1	10	2457	0.35	0.35	16.89	17.88		30.00	30.00	2.60	1.80	19.49	19.68	36.00	36.00	Pass
11g	6Mbps	1	11	2462	0.35	0.35	15.83	16.50		30.00	30.00	2.60	1.80	18.43	18.30	36.00	36.00	Pass
HT20	MCS0	1	1	2412	0.31	0.31	14.10	14.61		30.00	30.00	2.60	1.80	16.70	16.41	36.00	36.00	Pass
HT20	MCS0	1	2	2417	0.31	0.31	17.01	17.89		30.00	30.00	2.60	1.80	16.70	16.41	36.00	36.00	Pass
HT20	MCS0	1	6	2437	0.38	0.31	16.99	17.66		30.00	30.00	2.60	1.80	16.70	16.41	36.00	36.00	Pass
HT20	MCS0	1	10	2457	0.38	0.31	16.47	17.84		30.00	30.00	2.60	1.80	16.70	16.41	36.00	36.00	Pass
HT20	MCS0	1	11	2462	0.00	0.31	14.65	14.93		30.00	30.00	2.60	1.80	16.70	16.41	36.00	36.00	Pass
HT40	MCS0	1	3	2422	0.11	0.11	12.59	12.89		30.00	30.00	2.60	1.80	15.19	14.69	36.00	36.00	Pass
HT40	MCS0	1	4	2427	0.11	0.11	12.55	14.79		30.00	30.00	2.60	1.80	15.15	16.59	36.00	36.00	Pass
HT40	MCS0	1	6	2437	0.11	0.11	14.52	14.86		30.00	30.00	2.60	1.80	17.12	16.66	36.00	36.00	Pass
HT40	MCS0	1	8	2447	0.11	0.11	13.01	14.98		30.00	30.00	2.60	1.80	15.61	16.78	36.00	36.00	Pass
HT40	MCS0	1	9	2452	0.11	0.11	12.86	13.11		30.00	30.00	2.60	1.80	15.46	14.91	36.00	36.00	Pass
VHT20	MCS0	1	1	2412	0.35	0.30	14.15	14.65		30.00	30.00	2.60	1.80	16.75	16.45	36.00	36.00	Pass
VHT20	MCS0	1	2	2417	0.35	0.30	17.22	17.88		30.00	30.00	2.60	1.80	19.82	19.68	36.00	36.00	Pass
VHT20	MCS0	1	6	2437	0.35	0.30	17.19	17.67		30.00	30.00	2.60	1.80	19.79	19.47	36.00	36.00	Pass
VHT20	MCS0	1	10	2457	0.35	0.30	17.15	17.95		30.00	30.00	2.60	1.80	19.75	19.75	36.00	36.00	Pass
VHT20	MCS0	1	11	2462	0.35	0.30	14.72	14.94		30.00	30.00	2.60	1.80	17.32	16.74	36.00	36.00	Pass
VHT40	MCS0	1	3	2422	0.15	0.11	12.68	12.96		30.00	30.00	2.60	1.80	15.28	14.76	36.00	36.00	Pass
VHT40	MCS0	1	4	2427	0.15	0.11	12.66	14.79		30.00	30.00	2.60	1.80	15.26	16.59	36.00	36.00	Pass
VHT40	MCS0	1	6	2437	0.15	0.11	14.57	14.88		30.00	30.00	2.60	1.80	17.17	16.68	36.00	36.00	Pass
VHT40	MCS0	1	8	2447	0.15	0.11	13.25	14.83		30.00	30.00	2.60	1.80	15.85	16.63	36.00	36.00	Pass
VHT40	MCS0	1	9	2452	0.15	0.11	12.99	13.13		30.00	30.00	2.60	1.80	15.59	14.93	36.00	36.00	Pass

11b	1Mbps	2	1	2412	0.04	0.06	17.71	18.03	20.88	30.00		2.60		23.48		36.00		Pass
11b	1Mbps	2	2	2417	0.04	0.06	17.70	18.06	20.89	30.00		2.60		23.49		36.00		Pass
11b	1Mbps	2	6	2437	0.04	0.06	18.12	18.76	21.46	30.00		2.60		24.06		36.00		Pass
11b	1Mbps	2	10	2457	0.04	0.06	18.12	18.39	21.27	30.00		2.60		23.87		36.00		Pass
11b	1Mbps	2	11	2462	0.04	0.06	18.21	18.28	21.26	30.00		2.60		23.86		36.00		Pass
11g	6Mbps	2	1	2412	0.30	0.30	15.73	16.18	18.97	30.00		2.60		21.57		36.00		Pass
11b	6Mbps	2	2	2417	0.30	0.30	17.15	18.00	20.60	30.00		2.60		23.20		36.00		Pass
11g	6Mbps	2	6	2437	0.30	0.30	17.20	18.02	20.64	30.00		2.60		23.24		36.00		Pass
11b	6Mbps	2	10	2457	0.30	0.30	17.21	18.10	20.68	30.00		2.60		23.28		36.00		Pass
11g	6Mbps	2	11	2462	0.30	0.30	15.20	15.70	18.46	30.00		2.60		21.06		36.00		Pass
HT20	MCS0	2	1	2412	0.38	0.38	14.31	14.75	17.54	30.00		2.60		20.14		36.00		Pass
HT20	MCS0	2	2	2417	0.38	0.38	17.16	18.04	20.63	30.00		2.60		23.23		36.00		Pass
HT20	MCS0	2	6	2437	0.38	0.38	17.18	18.03	20.63	30.00		2.60		23.23		36.00		Pass
HT20	MCS0	2	10	2457	0.38	0.38	16.71	17.58	20.17	30.00		2.60		22.77		36.00		Pass
HT20	MCS0	2	11	2462	0.38	0.38	14.68	15.10	17.90	30.00		2.60		20.50		36.00		Pass
HT40	MCS0	2	3	2422	0.11	0.11	12.51	13.37	15.97	30.00		2.60		18.57		36.00		Pass
HT40	MCS0	2	4	2427	0.11	0.11	12.50	13.36	15.96	30.00		2.60		18.56		36.00		Pass
HT40	MCS0	2	6	2437	0.11	0.11	14.49	15.26	17.90	30.00		2.60		20.50		36.00		Pass
HT40	MCS0	2	8	2447	0.11	0.11	13.06	13.66	16.38	30.00		2.60		18.98		36.00		Pass
HT40	MCS0	2	9	2452	0.11	0.11	12.81	13.45	16.15	30.00		2.60		18.75		36.00		Pass
VHT20	MCS0	2	1	2412	0.35	0.41	14.31	15.05	17.71	30.00		2.60		20.31		36.00		Pass
VHT20	MCS0	2	2	2417	0.35	0.41	17.03	17.97	20.54	30.00		2.60		23.14		36.00		Pass
VHT20	MCS0	2	6	2437	0.35	0.41	17.23	18.07	20.68	30.00		2.60		23.28		36.00		Pass
VHT20	MCS0	2	10	2457	0.35	0.41	16.67	17.66	20.20	30.00		2.60		22.80		36.00		Pass
VHT20	MCS0	2	11	2462	0.35	0.41	14.68	15.23	17.97	30.00		2.60		20.57		36.00		Pass
VHT40	MCS0	2	3	2422	0.11	0.11	12.56	13.38	16.00	30.00		2.60		18.60		36.00		Pass
VHT40	MCS0	2	4	2427	0.11	0.11	12.54	13.41	16.01	30.00		2.60		18.61		36.00		Pass
VHT40	MCS0	2	6	2437	0.11	0.11	14.51	15.29	17.93	30.00		2.60		20.53		36.00		Pass
VHT40	MCS0	2	8	2447	0.11	0.11	13.12	13.76	16.46	30.00		2.60		19.06		36.00		Pass
VHT40	MCS0	2	9	2452	0.11	0.11	12.83	13.46	16.17	30.00		2.60		18.77		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-8.15	-8.40	-	2.60	1.80	8.00	8.00	Pass
11b	1Mbps	1	6	2437	-7.10	-7.01		2.60	1.80	8.00	8.00	Pass
11b	1Mbps	1	11	2462	-7.70	-7.77		2.60	1.80	8.00	8.00	Pass
11g	6Mbps	1	1	2412	-10.67	-10.84		2.60	1.80	8.00	8.00	Pass
11g	6Mbps	1	6	2437	-9.66	-9.16		2.60	1.80	8.00	8.00	Pass
11g	6Mbps	1	11	2462	-10.31	-9.21		2.60	1.80	8.00	8.00	Pass
11b	1Mbps	2	1	2412	-8.18	-8.14		5.22		8.00		Pass
11b	1Mbps	2	6	2437	-7.65	-7.15	-4.14	5.22		8.00		Pass
11b	1Mbps	2	11	2462	-8.03	-8.12	-5.02	5.22		8.00		Pass
11g	6Mbps	2	1	2412	-11.04	-11.13	-8.03	5.22		8.00		Pass
11g	6Mbps	2	6	2437	-9.28	-8.74	-5.73	5.22		8.00		Pass
11g	6Mbps	2	11	2462	-11.30	-10.93	-7.92	5.22		8.00		Pass
VHT20	MCS0	2	1	2412	-12.75	-12.65	-9.64	5.22		8.00		Pass
VHT20	MCS0	2	6	2437	-9.15	-8.98	-5.97	5.22		8.00		Pass
VHT20	MCS0	2	11	2462	-11.86	-11.29	-8.28	5.22		8.00		Pass
VHT40	MCS0	2	3	2422	-18.18	-16.98	-13.97	5.22		8.00		Pass
VHT40	MCS0	2	6	2437	-15.76	-16.07	-12.75	5.22		8.00		Pass
VHT40	MCS0	2	9	2452	-18.23	-16.74	-13.73	5.22		8.00		Pass

Measured power density (dBm) has offset with cable loss.



<TXBF Modes>

Test Engineer:	AnAn Wu	Temperature:	21-25	°C
Test Date:	2016/08/18-2016/09/22	Relative Humidity:	51-54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band										
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	1	2412	18.90	19.00	17.54	17.56	0.50	Pass
VHT20	MCS0	2	6	2437	19.10	19.55	15.44	17.60	0.50	Pass
VHT20	MCS0	2	11	2462	18.95	18.85	16.88	17.14	0.50	Pass
VHT40	MCS0	2	3	2422	36.50	36.30	34.96	34.96	0.50	Pass
VHT40	MCS0	2	6	2437	36.30	36.70	30.00	33.56	0.50	Pass
VHT40	MCS0	2	9	2452	36.30	36.40	35.04	35.00	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band															
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20	MCS0	2	1	2412	14.30	14.80	17.57	30.00	5.22	22.79	36.00	36.00	36.00	Pass	
HT20	MCS0	2	2	2417	17.53	17.70	20.63	30.00	5.22	25.85	36.00	36.00	36.00	Pass	
HT20	MCS0	2	6	2437	17.50	17.70	20.61	30.00	5.22	25.83	36.00	36.00	36.00	Pass	
HT20	MCS0	2	10	2457	17.11	17.20	20.17	30.00	5.22	25.39	36.00	36.00	36.00	Pass	
HT20	MCS0	2	11	2462	14.80	15.00	17.91	30.00	5.22	23.13	36.00	36.00	36.00	Pass	
HT40	MCS0	2	3	2422	12.60	13.30	15.97	30.00	5.22	21.19	36.00	36.00	36.00	Pass	
HT40	MCS0	2	4	2427	12.60	13.30	15.97	30.00	5.22	21.19	36.00	36.00	36.00	Pass	
HT40	MCS0	2	6	2437	14.30	15.20	17.78	30.00	5.22	23.00	36.00	36.00	36.00	Pass	
HT40	MCS0	2	8	2447	12.60	13.30	15.97	30.00	5.22	21.19	36.00	36.00	36.00	Pass	
HT40	MCS0	2	9	2452	13.00	13.20	16.11	30.00	5.22	21.33	36.00	36.00	36.00	Pass	
VHT20	MCS0	2	1	2412	14.40	14.90	17.67	30.00	5.22	22.89	36.00	36.00	36.00	Pass	
VHT20	MCS0	2	2	2417	17.36	17.70	20.54	30.00	5.22	25.76	36.00	36.00	36.00	Pass	
VHT20	MCS0	2	6	2437	17.50	17.80	20.66	30.00	5.22	25.88	36.00	36.00	36.00	Pass	
VHT20	MCS0	2	10	2457	17.17	17.20	20.20	30.00	5.22	25.41	36.00	36.00	36.00	Pass	
VHT20	MCS0	2	11	2462	14.80	15.10	17.96	30.00	5.22	23.18	36.00	36.00	36.00	Pass	
VHT40	MCS0	2	3	2422	12.60	13.40	16.03	30.00	5.22	21.25	36.00	36.00	36.00	Pass	
VHT40	MCS0	2	4	2427	12.60	13.40	16.03	30.00	5.22	21.25	36.00	36.00	36.00	Pass	
VHT40	MCS0	2	6	2437	14.20	15.40	17.85	30.00	5.22	23.07	36.00	36.00	36.00	Pass	
VHT40	MCS0	2	8	2447	12.60	13.40	16.03	30.00	5.22	21.25	36.00	36.00	36.00	Pass	
VHT40	MCS0	2	9	2452	12.60	13.30	15.97	30.00	5.22	21.19	36.00	36.00	36.00	Pass	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20	MCS0	2	1	2412	-5.10	-5.53	-2.09	5.22	5.22	8.00	8.00	Pass
VHT20	MCS0	2	6	2437	-2.89	-2.60	0.41	5.22	5.22	8.00	8.00	Pass
VHT20	MCS0	2	11	2462	-4.64	-3.73	-0.72	5.22	5.22	8.00	8.00	Pass
VHT40	MCS0	2	3	2422	-6.38	-5.64	-2.63	5.22	5.22	8.00	8.00	Pass
VHT40	MCS0	2	6	2437	-6.00	-5.56	-2.55	5.22	5.22	8.00	8.00	Pass
VHT40	MCS0	2	9	2452	-6.69	-5.99	-2.98	5.22	5.22	8.00	8.00	Pass

Measured power density (dBm) has offset with cable loss.



Appendix B. Radiated Spurious Emission

Test Engineer :	Luke Chang, Jesse Wang, Derreck Chen and James Chiu	Temperature :		21~24°C
		Relative Humidity :		50~55%

<CDD Modes>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dB μ V/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1				(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.28	55.75	-18.25	74	50.7	32.08	7.31	34.34	258	360	P	H
		2390	46.01	-7.99	54	40.95	32.08	7.31	34.33	258	360	A	H
	*	2412	103.7	-	-	98.59	32.1	7.31	34.3	258	360	P	H
	*	2412	100.59	-	-	95.48	32.1	7.31	34.3	258	360	A	H
													H
													H
802.11b CH 02 2417MHz		2348.01	56.22	-17.78	74	51.37	32.01	7.24	34.4	351	354	P	V
		2390	46.16	-7.84	54	41.1	32.08	7.31	34.33	351	354	A	V
	*	2412	107.12	-	-	102.01	32.1	7.31	34.3	351	354	P	V
	*	2412	104.09	-	-	98.98	32.1	7.31	34.3	351	354	A	V
													V



802.11b CH 06 2437MHz		2334.08	54.84	-19.16	74	50.1	31.99	7.18	34.43	380	307	P	H
		2387.56	44.38	-9.62	54	39.33	32.08	7.31	34.34	380	307	A	H
	*	2437	105.17	-	-	99.92	32.14	7.36	34.25	380	307	P	H
	*	2437	102.19	-	-	96.94	32.14	7.36	34.25	380	307	A	H
		2484.04	55.41	-18.59	74	50.01	32.18	7.4	34.18	380	307	P	H
		2485.86	44.82	-9.18	54	39.41	32.18	7.4	34.17	380	307	A	H
		2379.3	55.47	-18.53	74	50.52	32.06	7.24	34.35	244	358	P	V
		2389.94	44.52	-9.48	54	39.46	32.08	7.31	34.33	244	358	A	V
	*	2437	107.46	-	-	102.21	32.14	7.36	34.25	244	358	P	V
	*	2437	104.36	-	-	99.11	32.14	7.36	34.25	244	358	A	V
		2499.93	55.3	-18.7	74	49.85	32.2	7.4	34.15	244	358	P	V
		2484.53	44.87	-9.13	54	39.47	32.18	7.4	34.18	244	358	A	V
802.11b CH 10 2457MHz	*	2457	105.32	-	-	100.02	32.16	7.36	34.22	380	292	P	H
	*	2457	102.19	-	-	96.89	32.16	7.36	34.22	380	292	A	H
		2483.92	56.05	-17.95	74	50.65	32.18	7.4	34.18	380	292	P	H
		2483.56	45.95	-8.05	54	40.55	32.18	7.4	34.18	380	292	A	H
												P	H
												A	H
	*	2457	106.49	-	-	101.19	32.16	7.36	34.22	271	359	P	V
	*	2457	103.53	-	-	98.23	32.16	7.36	34.22	271	359	A	V
		2484.28	56.29	-17.71	74	50.89	32.18	7.4	34.18	271	359	P	V
		2483.56	46.37	-7.63	54	40.97	32.18	7.4	34.18	271	359	A	V
												P	V
												A	V



802.11b CH 11 2462MHz	*	2462	105.54	-	-	100.19	32.16	7.4	34.21	380	284	P	H
	*	2462	102.46	-	-	97.11	32.16	7.4	34.21	380	284	A	H
		2488.72	56.47	-17.53	74	51.04	32.2	7.4	34.17	380	284	P	H
		2483.52	45.88	-8.12	54	40.48	32.18	7.4	34.18	380	284	A	H
													H
													H
	*	2462	106.92	-	-	101.57	32.16	7.4	34.21	270	357	P	V
	*	2462	103.91	-	-	98.56	32.16	7.4	34.21	270	357	A	V
		2485.92	56	-18	74	50.59	32.18	7.4	34.17	270	357	P	V
		2483.52	46.24	-7.76	54	40.84	32.18	7.4	34.18	270	357	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	44.91	-29.09	74	58.17	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	43.69	-30.31	74	56.95	34.1	11.68	59.04	100	0	P	V
													V
													V
													V
802.11b CH 02 2417MHz		4834	44.41	-29.59	74	57.64	34.1	11.68	59.01	100	0	P	H
		7251	41.56	-32.44	74	49.68	36.06	13.68	57.86	100	0	P	H
													H
		4836	43.8	-30.2	74	57.03	34.1	11.68	59.01	100	0	P	V
		7251	41.04	-32.96	74	49.16	36.06	13.68	57.86	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	43.54	-30.46	74	56.85	34.1	11.53	58.94	100	0	P	H
		7311	41.23	-32.77	74	49.26	36.09	13.81	57.93	100	0	P	H
													H
		4874	43.17	-30.83	74	56.48	34.1	11.53	58.94	100	0	P	V
		7311	41.62	-32.38	74	49.65	36.09	13.81	57.93	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



802.11b CH 10 2457MHz		4914	44.42	-29.58	74	57.82	34.1	11.37	58.87	100	0	P	H
		7371	41.31	-32.69	74	49.33	36.13	13.88	58.03	100	0	P	H
													H
													H
		4914	44.15	-29.85	74	57.55	34.1	11.37	58.87	100	0	P	V
		7371	41.58	-32.42	74	49.6	36.13	13.88	58.03	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4924	44.56	-29.44	74	57.93	34.1	11.37	58.84	100	0	P	H
		7386	41.47	-32.53	74	49.44	36.14	13.95	58.06	100	0	P	H
													H
													H
		4924	43.34	-30.66	74	56.71	34.1	11.37	58.84	100	0	P	V
		7386	41.45	-32.55	74	49.42	36.14	13.95	58.06	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2389.8	59.49	-14.51	74	54.43	32.08	7.31	34.33	226	360	P	H
		2389.905	49.75	-4.25	54	44.69	32.08	7.31	34.33	226	360	A	H
	*	2412	104.35	-	-	99.24	32.1	7.31	34.3	226	360	P	H
	*	2412	96.94	-	-	91.83	32.1	7.31	34.3	226	360	A	H
													H
													H
		2389.905	61.39	-12.61	74	56.33	32.08	7.31	34.33	228	360	P	V
		2390	51.54	-2.46	54	46.48	32.08	7.31	34.33	228	360	A	V
	*	2412	108	-	-	102.89	32.1	7.31	34.3	228	360	P	V
	*	2412	100.08	-	-	94.97	32.1	7.31	34.3	228	360	A	V
													V
													V
802.11g CH 02 2417MHz		2389.24	56.02	-17.98	74	50.96	32.08	7.31	34.33	224	360	P	H
		2389.52	47.19	-6.81	54	42.13	32.08	7.31	34.33	224	360	A	H
	*	2417	105.13	-	-	100.01	32.1	7.31	34.29	224	360	P	H
	*	2417	97.5	-	-	92.38	32.1	7.31	34.29	224	360	A	H
													H
													H
		2389.24	57.54	-16.46	74	52.48	32.08	7.31	34.33	224	0	P	V
		2389.94	48.01	-5.99	54	42.95	32.08	7.31	34.33	224	0	A	V
	*	2417	108.22	-	-	103.1	32.1	7.31	34.29	224	0	P	V
	*	2417	100.52	-	-	95.4	32.1	7.31	34.29	224	0	A	V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 06 2437MHz		2376.5	56.59	-17.41	74	51.65	32.06	7.24	34.36	380	290	P	H
		2388.4	45.58	-8.42	54	40.53	32.08	7.31	34.34	380	290	A	H
	*	2437	105.91	-	-	100.66	32.14	7.36	34.25	380	290	P	H
	*	2437	98.05	-	-	92.8	32.14	7.36	34.25	380	290	A	H
		2489.15	55.95	-18.05	74	50.52	32.2	7.4	34.17	380	290	P	H
		2485.16	46.05	-7.95	54	40.64	32.18	7.4	34.17	380	290	A	H
		2354.66	55.66	-18.34	74	50.78	32.03	7.24	34.39	345	356	P	V
		2389.8	45.64	-8.36	54	40.58	32.08	7.31	34.33	345	356	A	V
	*	2437	108.08	-	-	102.83	32.14	7.36	34.25	345	356	P	V
	*	2437	100.11	-	-	94.86	32.14	7.36	34.25	345	356	A	V
		2495.24	55.59	-18.41	74	50.15	32.2	7.4	34.16	345	356	P	V
		2483.55	45.59	-8.41	54	40.19	32.18	7.4	34.18	345	356	A	V
802.11g CH 10 2457MHz	*	2457	106.28	-	-	100.98	32.16	7.36	34.22	380	285	P	H
	*	2457	98.38	-	-	93.08	32.16	7.36	34.22	380	285	A	H
		2483.86	59.61	-14.39	74	54.21	32.18	7.4	34.18	380	285	P	H
		2483.5	48.89	-5.11	54	43.49	32.18	7.4	34.18	380	285	A	H
													H
													H
	*	2457	107.64	-	-	102.34	32.16	7.36	34.22	273	356	P	V
	*	2457	99.78	-	-	94.48	32.16	7.36	34.22	273	356	A	V
		2483.62	59.19	-14.81	74	53.79	32.18	7.4	34.18	273	356	P	V
		2483.56	48.94	-5.06	54	43.54	32.18	7.4	34.18	273	356	A	V
													V
													V



802.11g CH 11 2462MHz	*	2462	106.47	-	-	101.12	32.16	7.4	34.21	380	286	P	H
	*	2462	98.6	-	-	93.25	32.16	7.4	34.21	380	286	A	H
		2483.88	63.32	-10.68	74	57.92	32.18	7.4	34.18	380	286	P	H
		2483.56	51.78	-2.22	54	46.38	32.18	7.4	34.18	380	286	A	H
													H
													H
	*	2462	109.72	-	-	104.37	32.16	7.4	34.21	273	360	P	V
	*	2462	102.01	-	-	96.66	32.16	7.4	34.21	273	360	P	V
		2483.52	63.5	-10.5	74	58.1	32.18	7.4	34.18	273	360	P	V
		2483.56	51.9	-2.1	54	46.5	32.18	7.4	34.18	273	360	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	41.19	-32.81	74	54.45	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	43.4	-30.6	74	56.66	34.1	11.68	59.04	100	0	P	V
													V
													V
													V
802.11g CH 02 2417MHz		4834	41.1	-32.9	74	54.33	34.1	11.68	59.01	100	0	P	H
		7251	40.54	-33.46	74	48.66	36.06	13.68	57.86	100	0	P	H
													H
		4834	44.9	-29.1	74	58.13	34.1	11.68	59.01	100	0	P	V
		7251	41.3	-32.7	74	49.42	36.06	13.68	57.86	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4974	39.21	-34.79	74	52.62	34.1	11.22	58.73	100	0	P	H
		7308	40.86	-33.14	74	48.89	36.09	13.81	57.93	100	0	P	H
													H
		4974	39.99	-34.01	74	53.4	34.1	11.22	58.73	100	0	P	V
		7308	40.73	-33.27	74	48.76	36.09	13.81	57.93	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



802.11g CH 10 2457MHz		4914	40.3	-33.7	74	53.7	34.1	11.37	58.87	100	0	P	H
		7368	40.39	-33.61	74	48.41	36.13	13.88	58.03	100	0	P	H
													H
													H
		4914	40.37	-33.63	74	53.77	34.1	11.37	58.87	100	0	P	V
		7368	40.56	-33.44	74	48.58	36.13	13.88	58.03	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4926	40.58	-33.42	74	53.95	34.1	11.37	58.84	100	0	P	H
		7386	40.8	-33.2	74	48.77	36.14	13.95	58.06	100	0	P	H
													H
													H
		4926	41.46	-32.54	74	54.83	34.1	11.37	58.84	100	0	P	V
		7386	41.25	-32.75	74	49.22	36.14	13.95	58.06	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

**Note symbol**

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

$$1. \text{ Level(dB}\mu\text{V/m)} =$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$2. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 55.45 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 43.54 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

Both peak and average measured complies with the limit line, so test result is “PASS”.



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.175	55.65	-18.35	74	50.6	32.08	7.31	34.34	140	284	P	H
		2390	45.83	-8.17	54	40.77	32.08	7.31	34.33	140	284	A	H
	*	2412	108.28	-	-	103.17	32.1	7.31	34.3	140	284	P	H
	*	2412	105.04	-	-	99.93	32.1	7.31	34.3	140	284	A	H
													H
													H
		2387.805	55.39	-18.61	74	50.34	32.08	7.31	34.34	115	345	P	V
		2390	45.6	-8.4	54	40.54	32.08	7.31	34.33	115	345	A	V
	*	2412	107.25	-	-	102.14	32.1	7.31	34.3	115	345	P	V
	*	2412	104.06	-	-	98.95	32.1	7.31	34.3	115	345	A	V
802.11b CH 02 2417MHz													V
		2389.8	55.58	-18.42	74	50.52	32.08	7.31	34.33	141	284	P	H
		2389.94	46.08	-7.92	54	41.02	32.08	7.31	34.33	141	284	A	H
	*	2417	108.74	-	-	103.62	32.1	7.31	34.29	141	284	P	H
	*	2417	105.74	-	-	100.62	32.1	7.31	34.29	141	284	A	H
													P
													H
		2367.68	55.63	-18.37	74	50.73	32.03	7.24	34.37	136	345	P	V
		2389.94	45.96	-8.04	54	40.9	32.08	7.31	34.33	136	345	A	V
	*	2417	106.73	-	-	101.61	32.1	7.31	34.29	136	345	P	V
	*	2417	103.65	-	-	98.53	32.1	7.31	34.29	136	345	A	V
													P
													V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 06 2437MHz		2329.88	55.95	-18.05	74	51.21	31.99	7.18	34.43	134	288	P	H
		2389.94	44.57	-9.43	54	39.51	32.08	7.31	34.33	134	288	A	H
	*	2437	108.85	-	-	103.6	32.14	7.36	34.25	134	288	P	H
	*	2437	105.63	-	-	100.38	32.14	7.36	34.25	134	288	A	H
		2486.63	55.74	-18.26	74	50.33	32.18	7.4	34.17	134	288	P	H
		2484.11	45.03	-8.97	54	39.63	32.18	7.4	34.18	134	288	A	H
		2322.18	55.53	-18.47	74	50.81	31.99	7.18	34.45	111	344	P	V
		2389.38	44.5	-9.5	54	39.44	32.08	7.31	34.33	111	344	A	V
	*	2437	108.33	-	-	103.08	32.14	7.36	34.25	111	344	P	V
	*	2437	105.2	-	-	99.95	32.14	7.36	34.25	111	344	A	V
		2488.24	55.56	-18.44	74	50.13	32.2	7.4	34.17	111	344	P	V
		2483.97	44.98	-9.02	54	39.58	32.18	7.4	34.18	111	344	A	V
802.11b CH 10 2457MHz	*	2457	108.68	-	-	103.38	32.16	7.36	34.22	150	288	P	H
	*	2457	105.51	-	-	100.21	32.16	7.36	34.22	150	288	A	H
		2483.86	56.29	-17.71	74	50.89	32.18	7.4	34.18	150	288	P	H
		2483.56	47.78	-6.22	54	42.38	32.18	7.4	34.18	150	288	A	H
												P	H
												A	H
	*	2457	106.58	-	-	101.28	32.16	7.36	34.22	139	359	P	V
	*	2457	103.53	-	-	98.23	32.16	7.36	34.22	139	359	A	V
		2483.56	56.66	-17.34	74	51.26	32.18	7.4	34.18	139	359	P	V
		2483.5	47.01	-6.99	54	41.61	32.18	7.4	34.18	139	359	A	V
												P	V
												A	V



802.11b CH 11 2462MHz	*	2462	108.93	-	-	103.58	32.16	7.4	34.21	129	286	P	H
	*	2462	105.81	-	-	100.46	32.16	7.4	34.21	129	286	A	H
		2484.28	56.89	-17.11	74	51.49	32.18	7.4	34.18	129	286	P	H
		2488	46.88	-7.12	54	41.45	32.2	7.4	34.17	129	286	A	H
													H
													H
	*	2462	107.16	-	-	101.81	32.16	7.4	34.21	143	346	P	V
	*	2462	104.03	-	-	98.68	32.16	7.4	34.21	143	346	A	V
		2486.48	56.9	-17.1	74	51.49	32.18	7.4	34.17	143	346	P	V
		2487.92	46.23	-7.77	54	40.8	32.2	7.4	34.17	143	346	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	43.35	-30.65	74	56.61	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	43.47	-30.53	74	56.73	34.1	11.68	59.04	100	0	P	V
													V
													V
													V
802.11b CH 02 2417MHz		4836	43.51	-30.49	74	56.74	34.1	11.68	59.01	100	0	P	H
		7248	41.15	-32.85	74	49.27	36.06	13.68	57.86	100	0	P	H
													H
		4836	44.25	-29.75	74	57.48	34.1	11.68	59.01	100	0	P	V
		7248	41.41	-32.59	74	49.53	36.06	13.68	57.86	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4872	43.12	-30.88	74	56.43	34.1	11.53	58.94	100	0	P	H
		7308	40.57	-33.43	74	48.6	36.09	13.81	57.93	100	0	P	H
													H
		4872	42.04	-31.96	74	55.35	34.1	11.53	58.94	100	0	P	V
		7308	41.27	-32.73	74	49.3	36.09	13.81	57.93	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



802.11b CH 10 2457MHz		4914	43.95	-30.05	74	57.35	34.1	11.37	58.87	100	0	P	H
		7368	40.67	-33.33	74	48.69	36.13	13.88	58.03	100	0	P	H
													H
													H
		4914	43.54	-30.46	74	56.94	34.1	11.37	58.87	100	0	P	V
		7368	41.11	-32.89	74	49.13	36.13	13.88	58.03	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4926	42.06	-31.94	74	55.43	34.1	11.37	58.84	100	0	P	H
		7386	40.96	-33.04	74	48.93	36.14	13.95	58.06	100	0	P	H
													H
													H
		4926	41.36	-32.64	74	54.73	34.1	11.37	58.84	100	0	P	V
		7386	40.58	-33.42	74	48.55	36.14	13.95	58.06	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11g CH 01 2412MHz		2389.905	60.16	-13.84	74	55.1	32.08	7.31	34.33	102	284	P	H
		2390	52.1	-1.9	54	47.04	32.08	7.31	34.33	102	284	A	H
	*	2412	108.66	-	-	103.55	32.1	7.31	34.3	102	284	P	H
	*	2412	101.01	-	-	95.9	32.1	7.31	34.3	102	284	A	H
													H
													H
		2389.905	58.88	-15.12	74	53.82	32.08	7.31	34.33	115	343	P	V
		2390	48.85	-5.15	54	43.79	32.08	7.31	34.33	115	343	A	V
	*	2412	107.75	-	-	102.64	32.1	7.31	34.3	115	343	P	V
	*	2412	100.18	-	-	95.07	32.1	7.31	34.3	115	343	A	V
802.11g CH 02 2417MHz													V
		2389.24	56.82	-17.18	74	51.76	32.08	7.31	34.33	143	285	P	H
		2389.94	47.26	-6.74	54	42.2	32.08	7.31	34.33	143	285	A	H
	*	2417	109.45	-	-	104.33	32.1	7.31	34.29	143	285	P	H
	*	2417	101.53	-	-	96.41	32.1	7.31	34.29	143	285	A	H
													P
													H
		2387	55.38	-18.62	74	50.33	32.08	7.31	34.34	116	344	P	V
		2389.94	46.83	-7.17	54	41.77	32.08	7.31	34.33	116	344	A	V
	*	2417	108.44	-	-	103.32	32.1	7.31	34.29	116	344	P	V
	*	2417	100.62	-	-	95.5	32.1	7.31	34.29	116	344	A	V
													P
													V



802.11g CH 06 2437MHz		2377.62	55.43	-18.57	74	50.48	32.06	7.24	34.35	100	285	P	H
		2389.94	46.16	-7.84	54	41.1	32.08	7.31	34.33	100	285	A	H
	*	2437	109.85	-	-	104.6	32.14	7.36	34.25	100	285	P	H
	*	2437	101.98	-	-	96.73	32.14	7.36	34.25	100	285	A	H
		2486.21	56.33	-17.67	74	50.92	32.18	7.4	34.17	100	285	P	H
		2484.04	47.14	-6.86	54	41.74	32.18	7.4	34.18	100	285	A	H
		2344.86	55.28	-18.72	74	50.44	32.01	7.24	34.41	111	345	P	V
		2389.38	45.82	-8.18	54	40.76	32.08	7.31	34.33	111	345	A	V
	*	2437	110.06	-	-	104.81	32.14	7.36	34.25	111	345	P	V
	*	2437	102	-	-	96.75	32.14	7.36	34.25	111	345	A	V
		2483.48	55.87	-75.33	131.2	50.47	32.18	7.4	34.18	111	345	P	V
		2483.69	46.63	-7.37	54	41.23	32.18	7.4	34.18	111	345	A	V
802.11g CH 10 2457MHz	*	2457	109.32	-	-	103.78	32.4	7.36	34.22	103	286	P	H
	*	2457	101.56	-	-	96.02	32.4	7.36	34.22	103	286	A	H
		2484.04	60.81	-13.19	74	55.41	32.18	7.4	34.18	103	286	P	H
		2483.62	50.44	-3.56	54	45.04	32.18	7.4	34.18	103	286	A	H
												P	H
												A	H
	*	2457	108.54	-	-	103	32.4	7.36	34.22	140	348	P	V
	*	2457	100.61	-	-	95.07	32.4	7.36	34.22	140	348	A	V
		2484.1	60.65	-13.35	74	55.25	32.18	7.4	34.18	140	348	P	V
		2483.62	50.62	-3.38	54	45.22	32.18	7.4	34.18	140	348	A	V
												P	V
												A	V



802.11g CH 11 2462MHz	*	2462	108.21	-	-	102.86	32.16	7.4	34.21	102	288	P	H
	*	2462	100.57	-	-	95.22	32.16	7.4	34.21	102	288	A	H
		2483.56	63.96	-10.04	74	58.56	32.18	7.4	34.18	102	288	P	H
		2483.52	52.58	-1.42	54	47.18	32.18	7.4	34.18	102	288	A	H
													H
													H
	*	2462	108.01	-	-	102.66	32.16	7.4	34.21	172	351	P	V
	*	2462	100.07	-	-	94.72	32.16	7.4	34.21	172	351	A	V
		2483.64	64.99	-9.01	74	59.59	32.18	7.4	34.18	172	351	P	V
		2483.52	53.77	-1.03	54	47.57	32.18	7.4	34.18	172	351	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	40.01	-33.99	74	53.27	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	41.15	-32.85	74	54.41	34.1	11.68	59.04	100	0	P	V
													V
													V
													V
802.11g CH 02 2417MHz		4836	40.78	-33.22	74	54.01	34.1	11.68	59.01	100	0	P	H
		7248	42.41	-31.59	74	50.53	36.06	13.68	57.86	100	0	P	H
													H
		4836	41.56	-32.44	74	54.79	34.1	11.68	59.01	100	0	P	V
		7248	41.68	-32.32	74	49.8	36.06	13.68	57.86	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4872	40.07	-33.93	74	53.38	34.1	11.53	58.94	100	0	P	H
		7308	41.64	-32.36	74	49.67	36.09	13.81	57.93	100	0	P	H
													H
		4872	40.11	-33.89	74	53.42	34.1	11.53	58.94	100	0	P	V
		7308	40.86	-33.14	74	48.89	36.09	13.81	57.93	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



802.11g CH 10 2457MHz		4914	41.38	-32.62	74	54.78	34.1	11.37	58.87	100	0	P	H
		7368	40.69	-33.31	74	48.71	36.13	13.88	58.03	100	0	P	H
													H
													H
		4914	39.91	-34.09	74	53.31	34.1	11.37	58.87	100	0	P	V
		7368	41.64	-32.36	74	49.66	36.13	13.88	58.03	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	40.43	-33.57	74	53.8	34.1	11.37	58.84	100	0	P	H
		7386	40.41	-33.59	74	48.38	36.14	13.95	58.06	100	0	P	H
													H
													H
		4924	39.95	-34.05	74	53.32	34.1	11.37	58.84	100	0	P	V
		7386	41.98	-32.02	74	49.95	36.14	13.95	58.06	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m) (With NB)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 11 2462MHz	*	2462	109.49	35.49	74	103.9	32.4	7.4	34.21	258	296	P	H
	*	2462	101.62	47.62	54	96.03	32.4	7.4	34.21	258	296	A	H
		2483.6	65.41	-8.59	74	59.74	32.45	7.4	34.18	258	296	P	H
		2483.52	53.7	-1.3	54	47.03	32.45	7.4	34.18	258	296	P	H
												H	
												H	
	*	2462	109.03	35.03	74	103.44	32.4	7.4	34.21	171	357	P	V
	*	2462	101.07	47.07	54	95.48	32.4	7.4	34.21	171	357	A	V
		2484.04	66.86	-7.14	74	61.19	32.45	7.4	34.18	171	357	P	V
		2483.52	53.2	-1.8	54	46.53	32.45	7.4	34.18	171	357	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m) (With NB)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 11 2462MHz		4926	40.56	-33.44	74	54.59	33.44	11.37	58.84	100	0	P	H
		7386	40.46	-33.54	74	50.1	34.47	13.95	58.06	100	0	P	H
													H
													H
		4926	40.37	-33.63	74	54.4	33.44	11.37	58.84	100	0	P	V
		7386	40.12	-33.88	74	49.76	34.47	13.95	58.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m) (Eaphone2)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 11 2462MHz	*	2462	108.64	-	-	103.05	32.4	7.4	34.21	224	298	P	H
	*	2462	100.91	-	-	95.32	32.4	7.4	34.21	224	298	A	H
		2484.2	65.93	-8.07	74	60.26	32.45	7.4	34.18	224	298	P	H
		2483.52	53.48	-1.52	54	46.81	32.45	7.4	34.18	224	298	P	H
													H
													H
	*	2462	107.91	-	-	102.32	32.4	7.4	34.21	138	358	P	V
	*	2462	100.53	-	-	94.94	32.4	7.4	34.21	138	358	A	V
		2484.12	65.33	-8.67	74	59.66	32.45	7.4	34.18	138	358	P	V
		2483.52	53.64	-1.36	54	46.97	32.45	7.4	34.18	138	358	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m) (Eapphone2)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 11 2462MHz		4926	40.67	-33.33	74	54.7	33.44	11.37	58.84	100	0	P	H
		7386	40.52	-33.48	74	50.16	34.47	13.95	58.06	100	0	P	H
													H
													H
		4926	40.25	-33.75	74	54.28	33.44	11.37	58.84	100	0	P	V
		7386	40.03	-33.97	74	49.67	34.47	13.95	58.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

**Note symbol**

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

$$1. \text{ Level(dB}\mu\text{V/m)} =$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$2. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 55.45 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 43.54 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

Both peak and average measured complies with the limit line, so test result is “PASS”.



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz	1+2	2389.59	58.88	-15.12	74	53.82	32.08	7.31	34.33	290	298	P	H
		2390	52.57	-1.43	54	47.51	32.08	7.31	34.33	290	298	A	H
	*	2412	113.16	-	-	108.05	32.1	7.31	34.3	290	298	P	H
	*	2412	110.09	-	-	104.98	32.1	7.31	34.3	290	298	A	H
													H
													H
		2387.28	59.27	-14.73	74	54.22	32.08	7.31	34.34	100	70	P	V
		2390	51.63	-2.37	54	46.57	32.08	7.31	34.33	100	70	A	V
	*	2412	112.03	-	-	106.92	32.1	7.31	34.3	100	70	P	V
	*	2412	109.06	-	-	103.95	32.1	7.31	34.3	100	70	A	V
802.11b CH 02 2417MHz													V
		2389.8	57.56	-16.44	74	52.5	32.08	7.31	34.33	292	304	P	H
		2389.94	50.41	-3.59	54	45.35	32.08	7.31	34.33	292	304	A	H
	*	2417	112.62	-	-	107.5	32.1	7.31	34.29	292	304	P	H
	*	2417	109.53	-	-	104.41	32.1	7.31	34.29	292	304	A	H
													P
													H
		2389.94	56.45	-17.55	74	51.39	32.08	7.31	34.33	112	72	P	V
		2389.94	48.34	-5.66	54	43.28	32.08	7.31	34.33	112	72	A	V
	*	2417	111.66	-	-	106.54	32.1	7.31	34.29	112	72	P	V
	*	2417	108.71	-	-	103.59	32.1	7.31	34.29	112	72	A	V
													P
													V
													A



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 06 2437MHz		2324.28	56.15	-17.85	74	51.42	31.99	7.18	34.44	284	300	P	H
		2389.94	45.05	-8.95	54	39.99	32.08	7.31	34.33	284	300	A	H
	*	2437	113.26	-	-	108.01	32.14	7.36	34.25	284	300	P	H
	*	2437	110.28	-	-	105.03	32.14	7.36	34.25	284	300	A	H
		2486.49	55.72	-18.28	74	50.31	32.18	7.4	34.17	284	300		H
		2483.52	45.41	-8.59	54	40.01	32.18	7.4	34.18	284	300		H
		2386.02	55.71	-18.29	74	50.66	32.08	7.31	34.34	100	70	P	V
		2389.66	44.93	-9.07	54	39.87	32.08	7.31	34.33	100	70	A	V
	*	2437	111.82	-	-	106.57	32.14	7.36	34.25	100	70	P	V
	*	2437	108.78	-	-	103.53	32.14	7.36	34.25	100	70	A	V
		2492.37	55.63	-18.37	74	50.19	32.2	7.4	34.16	100	70		V
		2483.55	45.3	-8.7	54	39.9	32.18	7.4	34.18	100	70		V
802.11b CH 10 2457MHz	*	2457	112.82	-	-	107.52	32.16	7.36	34.22	280	309	P	H
	*	2457	109.86	-	-	104.56	32.16	7.36	34.22	280	309	A	H
		2485.3	56.86	-17.14	74	51.45	32.18	7.4	34.17	280	309	P	H
		2483.56	48.79	-5.21	54	43.39	32.18	7.4	34.18	280	309	A	H
												P	H
												A	H
	*	2457	110.85	-	-	105.55	32.16	7.36	34.22	100	70	P	V
	*	2457	107.88	-	-	102.58	32.16	7.36	34.22	100	70	A	V
		2483.5	57.48	-16.52	74	52.08	32.18	7.4	34.18	100	70	P	V
		2483.62	49.3	-4.7	54	43.9	32.18	7.4	34.18	100	70	A	V
												P	V
												A	V



802.11b CH 11 2462MHz	*	2462	113.47	-	-	108.12	32.16	7.4	34.21	280	306	P	H
	*	2462	110.47	-	-	105.12	32.16	7.4	34.21	280	306	A	H
		2483.56	57.91	-16.09	74	52.51	32.18	7.4	34.18	280	306	P	H
		2483.52	51.56	-2.44	54	46.16	32.18	7.4	34.18	280	306	A	H
													H
													H
	*	2462	111.24	-	-	105.89	32.16	7.4	34.21	114	70	P	V
	*	2462	108.26	-	-	102.91	32.16	7.4	34.21	114	70	A	V
		2483.56	58.12	-15.88	74	52.72	32.18	7.4	34.18	114	70	P	V
		2483.52	50.4	-3.6	54	45	32.18	7.4	34.18	114	70	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	42.83	-31.17	74	56.09	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	42.9	-31.1	74	56.16	34.1	11.68	59.04	100	0	P	V
													V
													V
													V
802.11b CH 02 2417MHz		4834	44.68	-29.32	74	57.91	34.1	11.68	59.01	100	0	P	H
		7251	40.83	-33.17	74	48.95	36.06	13.68	57.86	100	0	P	H
													H
													H
		4834	43.55	-30.45	74	56.78	34.1	11.68	59.01	100	0	P	V
		7251	41.54	-32.46	74	49.66	36.06	13.68	57.86	100	0	P	V
													V
													V
802.11b CH 06 2437MHz		4874	45.79	-28.21	74	59.1	34.1	11.53	58.94	100	0	P	H
		7311	41	-33	74	49.03	36.09	13.81	57.93	100	0	P	H
													H
													H
		4874	43.55	-30.45	74	56.86	34.1	11.53	58.94	100	0	P	V
		7311	41.44	-32.56	74	49.47	36.09	13.81	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11b CH 10 2457MHz		4914	44.9	-29.1	74	58.3	34.1	11.37	58.87	100	0	P	H
		7371	42.04	-31.96	74	50.06	36.13	13.88	58.03	100	0	P	H
													H
													H
		4914	42.83	-31.17	74	56.23	34.1	11.37	58.87	100	0	P	V
		7371	41.14	-32.86	74	49.16	36.13	13.88	58.03	100	0	P	V
													V
													V
		4924	45.34	-28.66	74	58.71	34.1	11.37	58.84	100	0	P	H
		7386	41.71	-32.29	74	49.68	36.14	13.95	58.06	100	0	P	H
802.11b CH 11 2462MHz													H
													H
		4924	43.14	-30.86	74	56.51	34.1	11.37	58.84	100	0	P	V
		7386	40.66	-33.34	74	48.63	36.14	13.95	58.06	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11g CH 01 2412MHz		2390	61.59	-12.41	74	56.53	32.08	7.31	34.33	256	305	P	H
		2388.12	51.84	-2.16	54	46.79	32.08	7.31	34.34	256	305	A	H
	*	2412	113.26	-	-	108.15	32.1	7.31	34.3	256	305	P	H
	*	2412	105.34	-	-	100.23	32.1	7.31	34.3	256	305	A	H
													H
													H
		2390	62.13	-11.87	74	57.07	32.08	7.31	34.33	125	53	P	V
		2390	52.23	-1.77	54	47.17	32.08	7.31	34.33	125	53	A	V
	*	2412	111.91	-	-	106.8	32.1	7.31	34.3	125	53	P	V
	*	2412	104.42	-	-	99.31	32.1	7.31	34.3	125	53	A	V
802.11g CH 02 2417MHz													V
		2388.68	60.71	-13.29	74	55.65	32.08	7.31	34.33	255	305	P	H
		2388.54	51.46	-2.54	54	46.41	32.08	7.31	34.34	255	305	A	H
		2417	114.1	-	-	108.98	32.1	7.31	34.29	255	305	P	H
		2417	106.9	-	-	101.78	32.1	7.31	34.29	255	305	A	H
													P
													H
		2388.96	62.47	-11.53	74	57.41	32.08	7.31	34.33	100	59	P	V
		2389.94	53.25	-1.25	54	47.69	32.08	7.31	34.33	100	59	A	V
		2417	112.09	-	-	106.97	32.1	7.31	34.29	100	59	P	V
		2417	104.82	-	-	99.7	32.1	7.31	34.29	100	59	A	V
													P
													A
													V



802.11g CH 06 2437MHz		2388.12	56.87	-17.13	74	51.82	32.08	7.31	34.34	283	280	P	H
		2389.66	47.33	-6.67	54	42.27	32.08	7.31	34.33	283	280	A	H
	*	2437	113.25	-	-	108	32.14	7.36	34.25	283	280	P	H
	*	2437	105.65	-	-	100.4	32.14	7.36	34.25	283	280	A	H
		2484.53	57.48	-16.52	74	52.08	32.18	7.4	34.18	283	280	P	H
		2483.55	48.14	-5.86	54	42.74	32.18	7.4	34.18	283	280	A	H
		2389.8	58.5	-15.5	74	53.44	32.08	7.31	34.33	110	55	P	V
		2389.8	48.1	-5.9	54	43.04	32.08	7.31	34.33	110	55	A	V
	*	2437	113.11	-	-	107.86	32.14	7.36	34.25	110	55	P	V
	*	2437	105.36	-	-	100.11	32.14	7.36	34.25	110	55	A	V
		2484.81	56.73	-17.27	74	51.33	32.18	7.4	34.18	110	55	P	V
		2483.5	47.4	-6.6	54	42	32.18	7.4	34.18	110	55	A	V
802.11g CH 10 2457MHz		2457	113.85	-	-	108.55	32.16	7.36	34.22	280	306	P	H
		2457	106.34	-	-	101.04	32.16	7.36	34.22	280	306	A	H
		2483.68	62.17	-11.83	74	56.77	32.18	7.4	34.18	280	306	P	H
		2483.56	52.5	-1.5	54	47.1	32.18	7.4	34.18	280	306	A	H
												P	H
												A	H
		2457	113.14	-	-	107.6	32.4	7.36	34.22	135	55	P	V
		2457	105.7	-	-	100.16	32.4	7.36	34.22	135	55	A	V
		2483.62	61.42	-12.58	74	56.02	32.18	7.4	34.18	135	55	P	V
		2483.5	53.42	-1.38	54	47.22	32.18	7.4	34.18	135	55	A	V
												P	V
												A	V



802.11g CH 11 2462MHz	*	2462	112.38	-	-	107.03	32.16	7.4	34.21	279	309	P	H
	*	2462	104.4	-	-	99.05	32.16	7.4	34.21	279	309	A	H
		2483.6	61.43	-12.57	74	56.03	32.18	7.4	34.18	279	309	P	H
		2483.52	52.69	-1.31	54	47.29	32.18	7.4	34.18	279	309	A	H
													H
													H
	*	2462	110.63	-	-	105.28	32.16	7.4	34.21	129	52	P	V
	*	2462	102.94	-	-	97.59	32.16	7.4	34.21	129	52	A	V
		2483.68	61.83	-12.17	74	56.43	32.18	7.4	34.18	129	52	P	V
		2483.52	51.95	-2.05	54	46.55	32.18	7.4	34.18	129	52	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	41.84	-32.16	74	55.1	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	41.75	-32.25	74	55.01	34.1	11.68	59.04	100	0	P	V
													V
													V
													V
802.11g CH 02 2417MHz		4834	41.74	-32.26	74	54.97	34.1	11.68	59.01	100	0	P	H
		7251	40.76	-33.24	74	48.88	36.06	13.68	57.86	100	0	P	H
													H
													H
		4834	41.43	-32.57	74	54.66	34.1	11.68	59.01	100	0	P	V
		7251	41.8	-32.2	74	49.92	36.06	13.68	57.86	100	0	P	V
													V
													V
802.11g CH 06 2437MHz		4874	41.64	-32.36	74	54.95	34.1	11.53	58.94	100	0	P	H
		7311	40.81	-33.19	74	48.84	36.09	13.81	57.93	100	0	P	H
													H
													H
		4874	40.92	-33.08	74	54.23	34.1	11.53	58.94	100	0	P	V
		7311	41.4	-32.6	74	49.43	36.09	13.81	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11g CH 10 2457MHz		4914	41.7	-32.3	74	55.1	34.1	11.37	58.87	100	0	P	H
		7371	40.8	-33.2	74	48.82	36.13	13.88	58.03	100	0	P	H
													H
													H
		4914	40.77	-33.23	74	54.17	34.1	11.37	58.87	100	0	P	V
		7371	40.51	-33.49	74	48.53	36.13	13.88	58.03	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	41.01	-32.99	74	54.38	34.1	11.37	58.84	100	0	P	H
		7386	40.86	-33.14	74	48.83	36.14	13.95	58.06	100	0	P	H
													H
													H
		4924	40.7	-33.3	74	54.07	34.1	11.37	58.84	100	0	P	V
		7386	41.78	-32.22	74	49.75	36.14	13.95	58.06	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11ac VHT20 CH 01 2412MHz		2390	63.44	-10.56	74	58.38	32.08	7.31	34.33	256	306	P	H
		2389.695	51.58	-2.42	54	46.52	32.08	7.31	34.33	256	306	A	H
	*	2412	110.74	-	-	105.63	32.1	7.31	34.3	256	306	P	H
	*	2412	103.33	-	-	98.22	32.1	7.31	34.3	256	306	A	H
													H
													H
		2389.275	60.17	-13.83	74	55.11	32.08	7.31	34.33	125	54	P	V
		2389.275	51.12	-2.88	54	46.06	32.08	7.31	34.33	125	54	A	V
	*	2412	110.43	-	-	105.32	32.1	7.31	34.3	125	54	P	V
	*	2412	102.21	-	-	97.1	32.1	7.31	34.3	125	54	A	V
													V
													V
802.11ac VHT20 CH 02 2417MHz		2389.24	61.19	-12.81	74	56.13	32.08	7.31	34.33	256	306	P	H
		2389.94	52.72	-1.28	54	47.66	32.08	7.31	34.33	256	306	A	H
	*	2417	113.83	-	-	108.71	32.1	7.31	34.29	256	306	P	H
	*	2417	106.14	-	-	101.02	32.1	7.31	34.29	256	306	A	H
													P
													H
		2388.82	61.44	-12.56	74	56.38	32.08	7.31	34.33	100	58	P	V
		2389.94	53.26	-1.54	54	47.29	32.08	7.31	34.33	100	58	A	V
	*	2417	111.19	-	-	106.07	32.1	7.31	34.29	100	58	P	V
	*	2417	103.94	-	-	98.82	32.1	7.31	34.29	100	58	A	V
													P
													V



802.11ac		2389.66	57.04	-16.96	74	51.98	32.08	7.31	34.33	279	308	P	H		
		2389.66	47.97	-6.03	54	42.91	32.08	7.31	34.33	279	308	A	H		
	*	2437	112.65	-	-	107.4	32.14	7.36	34.25	279	308	P	H		
	*	2437	105.91	-	-	100.66	32.14	7.36	34.25	279	308	A	H		
		2483.83	57.71	-16.29	74	52.31	32.18	7.4	34.18	279	308	P	H		
		2483.52	48.09	-5.91	54	42.69	32.18	7.4	34.18	279	308	A	H		
	VHT20		2388.82	58.16	-15.84	74	53.1	32.08	7.31	34.33	108	57	P	V	
	CH 06		2389.8	49.2	-4.8	54	44.14	32.08	7.31	34.33	108	57	A	V	
	2437MHz		*	2437	112.53	-	-	107.28	32.14	7.36	34.25	108	57	P	V
		*	2437	104.41	-	-	99.16	32.14	7.36	34.25	108	57	A	V	
			2485.02	59.06	-14.94	74	53.65	32.18	7.4	34.17	108	57	P	V	
			2483.62	49.12	-4.88	54	43.72	32.18	7.4	34.18	108	57	A	V	
802.11ac		2457	112.7	-	-	107.4	32.16	7.36	34.22	279	308	P	H		
		2457	105.55	-	-	100.25	32.16	7.36	34.22	279	308	A	H		
	*	2484.16	62.88	-11.12	74	57.48	32.18	7.4	34.18	279	308	P	H		
	*	2483.8	52.58	-1.42	54	47.18	32.18	7.4	34.18	279	308	A	H		
												P	H		
												A	H		
	VHT20		2457	111.18	-	-	105.88	32.16	7.36	34.22	132	55	P	V	
	CH 10		2457	104.67	-	-	99.37	32.16	7.36	34.22	132	55	A	V	
	2457MHz	*	2484.22	63.1	-10.9	74	57.7	32.18	7.4	34.18	132	55	P	V	
		*	2484.04	53.57	-1.01	54	47.32	32.18	7.4	34.18	132	55	A	V	
												P	V		
												A	V		



802.11ac VHT20 CH 11 2462MHz	*	2462	110.67	-	-	105.32	32.16	7.4	34.21	279	309	P	H
	*	2462	103.66	-	-	98.31	32.16	7.4	34.21	279	309	A	H
		2483.88	62.29	-11.71	74	56.89	32.18	7.4	34.18	279	309	P	H
		2483.88	52.38	-1.62	54	46.98	32.18	7.4	34.18	279	309	A	H
													H
													H
	*	2462	109.94	-	-	104.59	32.16	7.4	34.21	132	54	P	V
	*	2462	102.73	-	-	97.38	32.16	7.4	34.21	132	54	A	V
		2484	62.5	-11.5	74	57.1	32.18	7.4	34.18	132	54	P	V
		2484.08	52.73	-1.27	54	47.33	32.18	7.4	34.18	132	54	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	43.19	-30.81	74	56.45	34.1	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	41.89	-32.11	74	55.15	34.1	11.68	59.04	100	0	P	V
													V
													V
802.11ac VHT20 CH 02 2417MHz		4834	41.95	-32.05	74	55.18	34.1	11.68	59.01	100	0	P	H
		7251	41.64	-32.36	74	49.76	36.06	13.68	57.86	100	0	P	H
													H
													H
		4834	41.57	-32.43	74	54.8	34.1	11.68	59.01	100	0	P	V
		7251	40.72	-33.28	74	48.84	36.06	13.68	57.86	100	0	P	V
													V
802.11ac VHT20 CH 06 2437MHz		4872	41.4	-32.6	74	54.71	34.1	11.53	58.94	100	0	P	H
		7311	41.01	-32.99	74	49.04	36.09	13.81	57.93	100	0	P	H
													H
													H
		4874	41.14	-32.86	74	54.45	34.1	11.53	58.94	100	0	P	V
		7311	42.4	-31.6	74	50.43	36.09	13.81	57.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11ac		4914	41.36	-32.64	74	54.76	34.1	11.37	58.87	100	0	P	H
		7371	40.39	-33.61	74	48.41	36.13	13.88	58.03	100	0	P	H
													H
VHT20													H
CH 10		4914	42.86	-31.14	74	56.26	34.1	11.37	58.87	100	0	P	V
		7371	40.59	-33.41	74	48.61	36.13	13.88	58.03	100	0	P	V
													V
2457MHz													V
													V
802.11ac		4924	41.97	-32.03	74	55.34	34.1	11.37	58.84	100	0	P	H
		7386	41.94	-32.06	74	49.91	36.14	13.95	58.06	100	0	P	H
													H
VHT20													H
CH 11		4924	43.35	-30.65	74	56.72	34.1	11.37	58.84	100	0	P	V
		7386	41.56	-32.44	74	49.53	36.14	13.95	58.06	100	0	P	V
													V
2462MHz													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11ac		2389.24	61.19	-12.81	74	56.13	32.08	7.31	34.33	320	308	P	H
		2388.82	52.51	-1.49	54	47.45	32.08	7.31	34.33	320	308	A	H
	*	2422	106.05	-	-	100.85	32.12	7.36	34.28	320	308	P	H
	*	2422	98.83	-	-	93.63	32.12	7.36	34.28	320	308	A	H
		2484.88	55.89	-18.11	74	50.49	32.18	7.4	34.18	320	308	P	H
		2483.9	47.06	-6.94	54	41.66	32.18	7.4	34.18	320	308	A	H
	CH 03	2389.1	61.66	-12.34	74	56.6	32.08	7.31	34.33	109	60	P	V
	2422MHz	2389.24	53.37	-1.42	54	47.41	32.08	7.31	34.33	109	60	A	V
	*	2422	104.31	-	-	99.11	32.12	7.36	34.28	109	60	P	V
	*	2422	97.05	-	-	91.85	32.12	7.36	34.28	109	60	A	V
802.11ac		2484.53	55.5	-18.5	74	50.1	32.18	7.4	34.18	109	60	P	V
		2484.53	47.18	-6.82	54	41.78	32.18	7.4	34.18	109	60	A	V
		2389.8	60.34	-13.66	74	55.28	32.08	7.31	34.33	321	306	P	H
		2389.52	53.5	-1.5	54	47.44	32.08	7.31	34.33	321	306	A	H
	*	2427	106.7	-	-	101.49	32.12	7.36	34.27	321	306	P	H
	*	2427	99.83	-	-	94.62	32.12	7.36	34.27	321	306	A	H
		2498.53	55.78	-18.22	74	50.33	32.2	7.4	34.15	321	306	P	H
		2486.56	46.91	-7.09	54	41.5	32.18	7.4	34.17	321	306	A	H
	CH 04	2389.24	63.14	-10.86	74	58.08	32.08	7.31	34.33	109	60	P	V
	2427MHz	2389.66	53.22	-1.78	54	47.16	32.08	7.31	34.33	109	60	A	V
802.11ac	*	2427	103.98	-	-	98.77	32.12	7.36	34.27	109	60	P	V
	*	2427	97.22	-	-	92.01	32.12	7.36	34.27	109	60	A	V
		2486.91	56.54	-17.46	74	51.13	32.18	7.4	34.17	109	60	P	V
		2484.6	47.47	-6.53	54	42.07	32.18	7.4	34.18	109	60	A	V



		2389.94	61.56	-12.44	74	56.5	32.08	7.31	34.33	284	298	P	H
		2389.66	52.76	-1.24	54	47.7	32.08	7.31	34.33	284	298	A	H
	*	2437	107.19	-	-	101.94	32.14	7.36	34.25	284	298	P	H
	*	2437	100.47	-	-	95.22	32.14	7.36	34.25	284	298	A	H
802.11ac		2486.91	57.56	-16.44	74	52.15	32.18	7.4	34.17	284	298	P	H
VHT40		2484.53	49.27	-4.73	54	43.87	32.18	7.4	34.18	284	298	A	H
CH 06		2389.52	61.71	-12.29	74	56.65	32.08	7.31	34.33	109	60	P	V
2437MHz		2389.24	52.88	-1.12	54	47.82	32.08	7.31	34.33	109	60	A	V
	*	2437	106.49	-	-	101.24	32.14	7.36	34.25	109	60	P	V
	*	2437	99.38	-	-	94.13	32.14	7.36	34.25	109	60	A	V
		2486.49	59.81	-14.19	74	54.4	32.18	7.4	34.17	109	60	P	V
		2484.25	49.12	-4.88	54	43.72	32.18	7.4	34.18	109	60	A	V
		2389.52	56.16	-17.84	74	51.1	32.08	7.31	34.33	284	299	P	H
		2389.8	47.76	-6.24	54	42.7	32.08	7.31	34.33	284	299	A	H
	*	2447	105.77	-	-	100.51	32.14	7.36	34.24	284	299	P	H
	*	2447	98.53	-	-	93.27	32.14	7.36	34.24	284	299	A	H
802.11ac		2484.88	61.64	-12.36	74	56.24	32.18	7.4	34.18	284	299	P	H
VHT40		2484.25	52.97	-1.03	54	47.57	32.18	7.4	34.18	284	299	A	H
CH 08		2389.52	55.96	-18.04	74	50.9	32.08	7.31	34.33	111	59	P	V
2447MHz		2389.38	47.65	-6.35	54	42.59	32.08	7.31	34.33	111	59	A	V
	*	2447	105.04	-	-	99.78	32.14	7.36	34.24	111	59	P	V
	*	2447	97.61	-	-	92.35	32.14	7.36	34.24	111	59	A	V
		2484.11	61.64	-12.36	74	56.24	32.18	7.4	34.18	111	59	P	V
		2484.46	52.96	-1.04	54	47.56	32.18	7.4	34.18	111	59	A	V



	2384.48	56.28	-17.72	74	51.25	32.06	7.31	34.34	284	298	P	H	
	2389.94	46.95	-7.05	54	41.89	32.08	7.31	34.33	284	298	A	H	
	*	2452	105.75	-	-	100.48	32.14	7.36	34.23	284	298	P	H
	*	2452	98.14	-	-	92.87	32.14	7.36	34.23	284	298	A	H
802.11ac		2484.11	60.4	-13.6	74	55	32.18	7.4	34.18	284	298	P	H
VHT40		2484.39	52.39	-1.61	54	46.99	32.18	7.4	34.18	284	298	A	H
CH 09		2353.4	55.54	-18.46	74	50.66	32.03	7.24	34.39	109	60	P	V
2452MHz		2389.24	47.15	-6.85	54	42.09	32.08	7.31	34.33	109	60	A	V
	*	2452	104.04	-	-	98.77	32.14	7.36	34.23	109	60	P	V
	*	2452	96.89	-	-	91.62	32.14	7.36	34.23	109	60	A	V
		2484.11	60.41	-13.59	74	55.01	32.18	7.4	34.18	109	60	P	V
		2483.9	51.84	-2.16	54	46.44	32.18	7.4	34.18	109	60	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.85	-34.15	74	53.08	34.1	11.68	59.01	100	0	P	H
		7266	41.98	-32.02	74	50.05	36.07	13.75	57.89	100	0	P	H
													H
													H
		4844	39.65	-34.35	74	52.88	34.1	11.68	59.01	100	0	P	V
		7266	40.96	-33.04	74	49.03	36.07	13.75	57.89	100	0	P	V
													V
802.11ac VHT40 CH 04 2427MHz		4854	40.98	-33.02	74	54.18	34.1	11.68	58.98	100	0	P	H
		7281	40.87	-33.13	74	48.94	36.07	13.75	57.89	100	0	P	H
													H
													H
		4854	41.67	-32.33	74	54.87	34.1	11.68	58.98	100	0	P	V
		7281	41.81	-32.19	74	49.88	36.07	13.75	57.89	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	39.69	-34.31	74	53	34.1	11.53	58.94	100	0	P	H
		7311	40.94	-33.06	74	48.97	36.09	13.81	57.93	100	0	P	H
													H
													H
		4874	40.63	-33.37	74	53.94	34.1	11.53	58.94	100	0	P	V
		7311	39.47	-34.53	74	47.5	36.09	13.81	57.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11ac		4894	38.92	-35.08	74	52.2	34.1	11.53	58.91	100	0	P	H
		7341	41.13	-32.87	74	49.12	36.11	13.88	57.98	100	0	P	H
													H
VHT40													H
CH 08		4894	39.71	-34.29	74	52.99	34.1	11.53	58.91	100	0	P	V
		7341	40.61	-33.39	74	48.6	36.11	13.88	57.98	100	0	P	V
2447MHz													V
													V
802.11ac		4904	40.28	-33.72	74	53.68	34.1	11.37	58.87	100	0	P	H
		7356	41.01	-32.99	74	49.02	36.12	13.88	58.01	100	0	P	H
													H
VHT40													H
CH 09		4904	39.65	-34.35	74	53.05	34.1	11.37	58.87	100	0	P	V
		7356	41.07	-32.93	74	49.08	36.12	13.88	58.01	100	0	P	V
2452MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11ac VHT20 (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11ac VHT20 LF	1+2	149.07	38.45	-5.05	43.5	50.44	17.73	1.78	31.5	100	330	P	H
		225.48	30.35	-15.65	46	42.83	16.88	2.07	31.43			P	H
		297.84	34.38	-11.62	46	43.55	19.78	2.32	31.27			P	H
		308.4	33.85	-12.15	46	42.66	20.04	2.41	31.26			P	H
		726.3	29.92	-16.08	46	30.05	26.82	3.74	30.69			P	H
		953.8	33.75	-12.25	46	30	30.21	4.07	30.53			P	H
													H
													H
													H
													H
Remark	1.	No other spurious found.											
	2.	All results are PASS against limit line.											

**Note symbol**

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dB μ V/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dB μ V) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dB μ V/m) – Limit Line(dB μ V/m)

For Peak Limit @ 2390MHz:

1. Level(dB μ V/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dB μ V) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dB μ V) – 35.86 (dB)

= 55.45 (dB μ V/m)

2. Over Limit(dB)

= Level(dB μ V/m) – Limit Line(dB μ V/m)

= 55.45(dB μ V/m) – 74(dB μ V/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dB μ V/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dB μ V) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dB μ V) – 35.86 (dB)

= 43.54 (dB μ V/m)

2. Over Limit(dB)

= Level(dB μ V/m) – Limit Line(dB μ V/m)

= 43.54(dB μ V/m) – 54(dB μ V/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



<TXBF Modes>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11ac VHT20 CH 01 2412MHz		2389.485	59.64	-14.36	74	54.47	32.19	7.31	34.33	278	306	P	H
		2390	48.57	-5.43	54	43.4	32.19	7.31	34.33	278	306	A	H
	*	2412	109.4	-	-	104.15	32.24	7.31	34.3	278	306	P	H
	*	2412	103.72	-	-	98.47	32.24	7.31	34.3	278	306	A	H
													H
													H
		2388.435	57.01	-16.99	74	51.85	32.19	7.31	34.34	175	0	P	V
		2389.905	47.02	-6.98	54	41.85	32.19	7.31	34.33	175	0	A	V
802.11ac VHT20 CH 02 2417MHz	*	2412	106.92	-	-	101.67	32.24	7.31	34.3	175	0	P	V
	*	2412	97.31	-	-	92.06	32.24	7.31	34.3	175	0	A	V
													V
													V
		2382.1	56.34	-17.66	74	51.24	32.14	7.31	34.35	268	304	P	H
		2389.94	47.21	-6.79	54	42.04	32.19	7.31	34.33	268	304	A	H
	*	2417	109.77	-	-	104.51	32.24	7.31	34.29	268	304	P	H
	*	2417	103.82	-	-	98.56	32.24	7.31	34.29	268	304	A	H
													P
													H
		2385.46	55.5	-18.5	74	50.39	32.14	7.31	34.34	160	0	P	V
		2389.8	45.9	-8.1	54	40.73	32.19	7.31	34.33	160	0	A	V
	*	2417	105.45	-	-	100.19	32.24	7.31	34.29	160	0	P	V
	*	2417	97.75	-	-	92.49	32.24	7.31	34.29	160	0	A	V
													P
													V
													A



	2388.82	57.33	-16.67	74	52.16	32.19	7.31	34.33	274	299	P	H	
	2389.94	47.53	-6.47	54	42.36	32.19	7.31	34.33	274	299	A	H	
*	2437	113.77	-	-	108.32	32.34	7.36	34.25	274	299	P	H	
*	2437	107.56	-	-	102.11	32.34	7.36	34.25	274	299	A	H	
802.11ac	2484.95	57.46	-16.54	74	51.78	32.45	7.4	34.17	274	299	P	H	
VHT20	2483.52	48.58	-5.42	54	42.91	32.45	7.4	34.18	274	299	A	H	
CH 06	2328.2	55.48	-18.52	74	50.76	31.98	7.18	34.44	174	0	P	V	
2437MHz	2389.66	46.05	-7.95	54	40.88	32.19	7.31	34.33	174	0	A	V	
*	2437	108.26	-	-	102.81	32.34	7.36	34.25	174	0	P	V	
*	2437	100.67	-	-	95.22	32.34	7.36	34.25	174	0	A	V	
	2487.26	56.77	-17.23	74	51.09	32.45	7.4	34.17	174	0	P	V	
	2484.04	47.33	-6.67	54	41.66	32.45	7.4	34.18	174	0	A	V	
	*	2457	111.22	-	-	105.68	32.4	7.36	34.22	290	299	P	H
	*	2457	105.76	-	-	100.22	32.4	7.36	34.22	290	299	A	H
		2484.58	58.77	-15.23	74	53.1	32.45	7.4	34.18	290	299	P	H
		2483.8	49.44	-4.56	54	43.77	32.45	7.4	34.18	290	299	A	H
802.11ac												P	H
VHT20												A	H
CH 10	*	2457	108.16	-	-	102.62	32.4	7.36	34.22	174	0	P	V
2457MHz	*	2457	98.86	-	-	93.32	32.4	7.36	34.22	174	0	A	V
		2484.76	59.14	-14.86	74	53.47	32.45	7.4	34.18	174	0	P	V
		2483.5	48.52	-5.48	54	42.85	32.45	7.4	34.18	174	0	A	V
												P	V
												A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	111.54	-	-	105.95	32.4	7.4	34.21	288	308	P	H
	*	2462	105.53	-	-	99.94	32.4	7.4	34.21	288	308	A	H
		2483.84	65.68	-8.32	74	60.01	32.45	7.4	34.18	288	308	P	H
		2483.6	52.74	-1.26	54	47.07	32.45	7.4	34.18	288	308	A	H
													H
													H
	*	2462	108.59	-	-	103	32.4	7.4	34.21	168	0	P	V
	*	2462	99.7	-	-	94.11	32.4	7.4	34.21	168	0	A	V
		2483.68	61.53	-12.47	74	55.86	32.45	7.4	34.18	168	0	P	V
		2483.68	50.91	-3.09	54	45.24	32.45	7.4	34.18	168	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	40.4	-33.6	74	54.12	33.64	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	40.1	-33.9	74	53.82	33.64	11.68	59.04	100	0	P	V
													V
													V
													V
802.11ac VHT20 CH 02 2417MHz		4836	39.13	-34.87	74	52.85	33.61	11.68	59.01	100	0	P	H
		7248	39.88	-34.12	74	49.23	34.83	13.68	57.86	100	0	P	H
													H
													H
		4836	39.34	-34.66	74	53.06	33.61	11.68	59.01	100	0	P	V
		7248	39.77	-34.23	74	49.12	34.83	13.68	57.86	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4872	40.09	-33.91	74	53.96	33.54	11.53	58.94	100	0	P	H
		7308	39.15	-34.85	74	48.58	34.69	13.81	57.93	100	0	P	H
													H
													H
		4872	41.61	-32.39	74	55.48	33.54	11.53	58.94	100	0	P	V
		7308	40.17	-33.83	74	49.6	34.69	13.81	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11ac		4914	39.12	-34.88	74	53.15	33.47	11.37	58.87	100	0	P	H
		7368	38.91	-35.09	74	48.55	34.51	13.88	58.03	100	0	P	H
													H
VHT20													H
CH 10		4914	39.23	-34.77	74	53.26	33.47	11.37	58.87	100	0	P	V
2457MHz		7368	39.33	-34.67	74	48.97	34.51	13.88	58.03	100	0	P	V
													V
													V
802.11ac		4926	39.54	-34.46	74	53.57	33.44	11.37	58.84	100	0	P	H
		7386	39	-35	74	48.64	34.47	13.95	58.06	100	0	P	H
													H
VHT20													H
CH 11		4926	40.14	-33.86	74	54.17	33.44	11.37	58.84	100	0	P	V
2462MHz		7386	38.6	-35.4	74	48.24	34.47	13.95	58.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11ac VHT40 CH 03 2422MHz		2386.58	59.9	-14.1	74	54.74	32.19	7.31	34.34	290	304	P	H
		2389.94	49.25	-4.75	54	44.08	32.19	7.31	34.33	290	304	A	H
	*	2422	107.73	-	-	102.36	32.29	7.36	34.28	290	304	P	H
	*	2422	103.94	-	-	98.57	32.29	7.36	34.28	290	304	A	H
		2498.32	56.09	-17.91	74	50.34	32.5	7.4	34.15	290	304	P	H
		2483.97	46.01	-7.99	54	40.34	32.45	7.4	34.18	290	304	A	H
		2389.8	57.61	-16.39	74	52.44	32.19	7.31	34.33	107	69	P	V
		2389.94	47.8	-6.2	54	42.63	32.19	7.31	34.33	107	69	A	V
	*	2422	106.47	-	-	101.1	32.29	7.36	34.28	107	69	P	V
	*	2422	102.96	-	-	97.59	32.29	7.36	34.28	107	69	A	V
802.11ac VHT40 CH 04 2427MHz		2483.52	56.62	-17.38	74	50.95	32.45	7.4	34.18	107	69	P	V
		2484.95	45.78	-8.22	54	40.1	32.45	7.4	34.17	107	69	A	V
		2388.4	57.79	-16.21	74	52.63	32.19	7.31	34.34	290	309	P	H
		2389.52	47.74	-6.26	54	42.57	32.19	7.31	34.33	290	309	A	H
	*	2427	107.6	-	-	102.22	32.29	7.36	34.27	290	309	P	H
	*	2427	103.18	-	-	97.8	32.29	7.36	34.27	290	309	A	H
		2484.95	56.62	-17.38	74	50.94	32.45	7.4	34.17	290	309	P	H
		2485.02	46.11	-7.89	54	40.43	32.45	7.4	34.17	290	309	P	H
		2389.8	56.77	-17.23	74	51.6	32.19	7.31	34.33	130	69	P	V
		2389.66	47.16	-6.84	54	41.99	32.19	7.31	34.33	130	69	A	V
802.11ac VHT40 CH 04 2427MHz	*	2427	105.91	-	-	100.53	32.29	7.36	34.27	130	69	P	V
	*	2427	102.28	-	-	96.9	32.29	7.36	34.27	130	69	A	V
		2486.56	56.8	-17.2	74	51.12	32.45	7.4	34.17	130	69	P	V
		2485.93	45.82	-8.18	54	40.14	32.45	7.4	34.17	130	69	A	V



802.11ac VHT40 CH 06 2437MHz		2387.56	57.32	-16.68	74	52.16	32.19	7.31	34.34	268	292	P	H
		2389.94	47.74	-6.26	54	42.57	32.19	7.31	34.33	268	292	A	H
	*	2437	108.04	-	-	102.59	32.34	7.36	34.25	268	292	P	H
	*	2437	102.87	-	-	97.42	32.34	7.36	34.25	268	292	A	H
		2484.88	59.33	-14.67	74	53.66	32.45	7.4	34.18	268	292	P	H
		2483.55	48.6	-5.4	54	42.93	32.45	7.4	34.18	268	292	A	H
		2388.12	58.24	-15.76	74	53.08	32.19	7.31	34.34	102	62	P	V
		2389.52	48.02	-5.98	54	42.85	32.19	7.31	34.33	102	62	A	V
	*	2437	107.1	-	-	101.65	32.34	7.36	34.25	102	62	P	V
	*	2437	104.35	-	-	98.9	32.34	7.36	34.25	102	62	A	V
802.11ac VHT40 CH 08 2447MHz		2484.74	58.6	-15.4	74	52.93	32.45	7.4	34.18	102	62	P	V
		2484.53	47.87	-6.13	54	42.2	32.45	7.4	34.18	102	62	A	V
		2375.52	56.35	-17.65	74	51.33	32.14	7.24	34.36	254	303	P	H
		2389.52	45.42	-8.58	54	40.25	32.19	7.31	34.33	254	303	A	H
	*	2447	106.91	-	-	101.45	32.34	7.36	34.24	254	303	P	H
	*	2447	102.97	-	-	97.51	32.34	7.36	34.24	254	303	A	H
		2484.46	64.73	-9.27	74	59.06	32.45	7.4	34.18	254	303	P	H
		2483.76	53.39	-1.61	54	46.72	32.45	7.4	34.18	254	303	A	H
		2374.96	56.17	-17.83	74	51.15	32.14	7.24	34.36	104	61	P	V
		2389.66	45.54	-8.46	54	40.37	32.19	7.31	34.33	104	61	A	V
	*	2447	106.08	-	-	100.62	32.34	7.36	34.24	104	61	P	V
	*	2447	100.58	-	-	95.12	32.34	7.36	34.24	104	61	A	V
		2484.46	60.69	-13.31	74	55.02	32.45	7.4	34.18	104	61	P	V
		2483.55	50.71	-3.29	54	45.04	32.45	7.4	34.18	104	61	A	V



		2385.6	55.3	-18.7	74	50.14	32.19	7.31	34.34	361	310	P	H
		2389.52	45.14	-8.86	54	39.97	32.19	7.31	34.33	361	310	A	H
	*	2452	108.67	-	-	103.2	32.34	7.36	34.23	361	310	P	H
	*	2452	105.47	-	-	100	32.34	7.36	34.23	361	310	A	H
		2485.58	60.99	-13.01	74	55.31	32.45	7.4	34.17	361	310	P	H
	VHT40	2485.58	51.3	-2.7	54	45.62	32.45	7.4	34.17	361	310	A	H
	CH 09	2344.3	55.82	-18.18	74	50.96	32.03	7.24	34.41	352	8	P	V
	2452MHz	2388.82	45.09	-8.91	54	39.92	32.19	7.31	34.33	352	8	A	V
	*	2452	106.89	-	-	101.42	32.34	7.36	34.23	352	8	P	V
	*	2452	103.07	-	-	97.6	32.34	7.36	34.23	352	8	A	V
		2483.69	60.68	-13.32	74	55.01	32.45	7.4	34.18	352	8	P	V
		2483.76	50.45	-3.55	54	44.78	32.45	7.4	34.18	352	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4842	40.07	-33.93	74	53.79	33.61	11.68	59.01	100	0	P	H
		7266	39.8	-34.2	74	49.16	34.78	13.75	57.89	100	0	P	H
													H
													H
		4842	39.51	-34.49	74	53.23	33.61	11.68	59.01	100	0	P	V
		7266	39.94	-34.06	74	49.3	34.78	13.75	57.89	100	0	P	V
													V
802.11ac VHT40 CH 04 2427MHz		4854	39.22	-34.78	74	52.94	33.58	11.68	58.98	100	0	P	H
		7284	41.05	-32.95	74	50.47	34.74	13.75	57.91	100	0	P	H
													H
													H
		4854	39.52	-34.48	74	53.24	33.58	11.68	58.98	100	0	P	V
		7284	40.96	-33.04	74	50.38	34.74	13.75	57.91	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4872	40.37	-33.63	74	54.24	33.54	11.53	58.94	100	0	P	H
		7308	40.46	-33.54	74	49.89	34.69	13.81	57.93	100	0	P	H
													H
													H
		4872	42.31	-31.69	74	56.18	33.54	11.53	58.94	100	0	P	V
		7308	40.58	-33.42	74	50.01	34.69	13.81	57.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



		4896	39.18	-34.82	74	53.05	33.51	11.53	58.91	100	0	P	H
		7344	40.08	-33.92	74	49.58	34.6	13.88	57.98	100	0	P	H
802.11ac													H
VHT40													H
CH 08		4896	40.03	-33.97	74	53.9	33.51	11.53	58.91	100	0	P	V
2447MHz		7344	39.26	-34.74	74	48.76	34.6	13.88	57.98	100	0	P	V
													V
													V
		4902	39.05	-34.95	74	53.08	33.47	11.37	58.87	100	0	P	H
		7356	39.44	-34.56	74	49.01	34.56	13.88	58.01	100	0	P	H
802.11ac													H
VHT40													H
CH 09		4902	38.47	-35.53	74	52.5	33.47	11.37	58.87	100	0	P	V
2452MHz		7356	40.22	-33.78	74	49.79	34.56	13.88	58.01	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11n VHT40 (LF)

**Note symbol**

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

$$1. \text{ Level(dB}\mu\text{V/m)} =$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$2. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 55.45 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 43.54 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix C. Radiated Spurious Emission Plots

Note symbol

-L	Low channel location
-R	High channel location



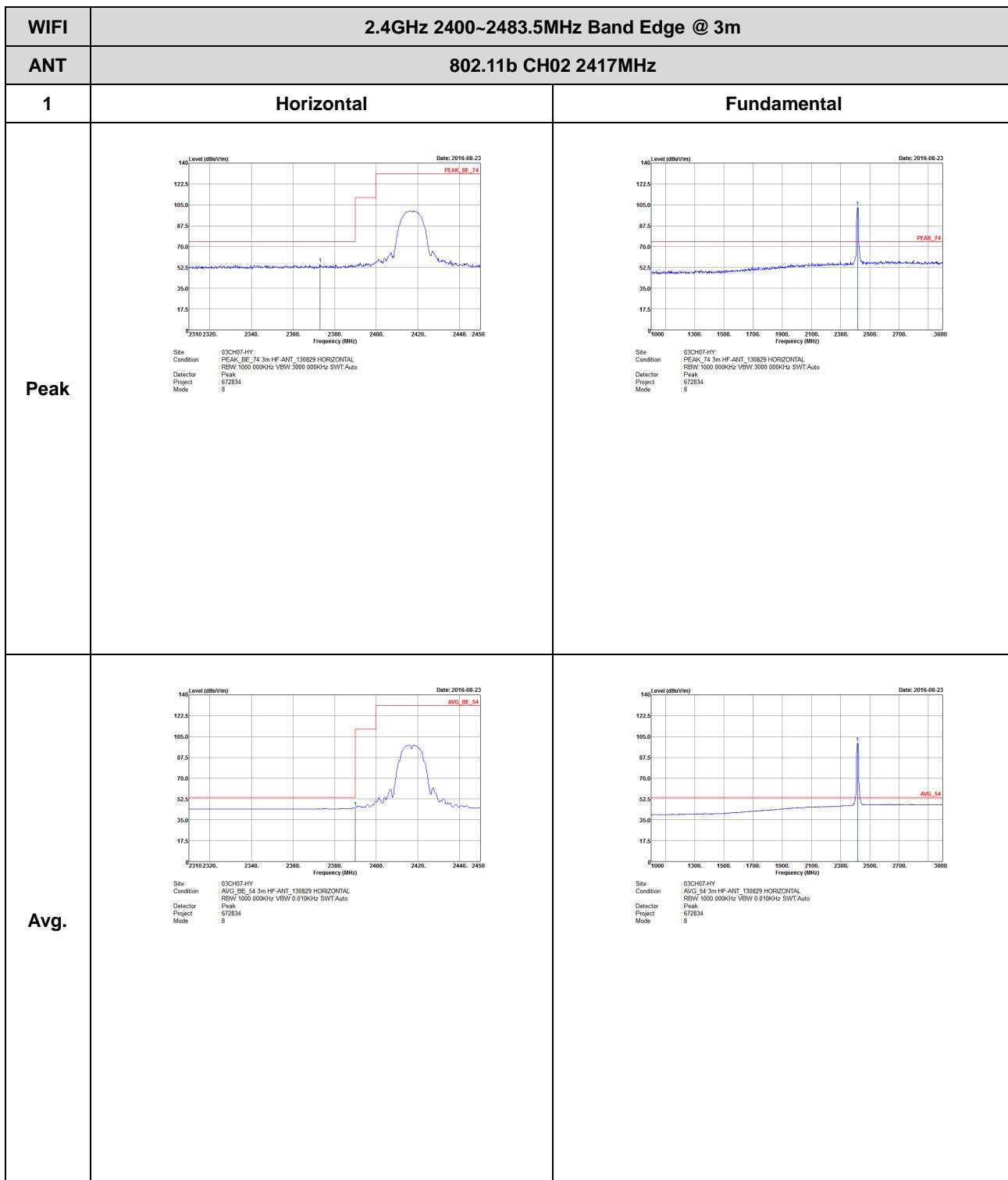
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

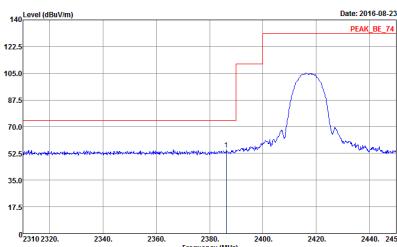
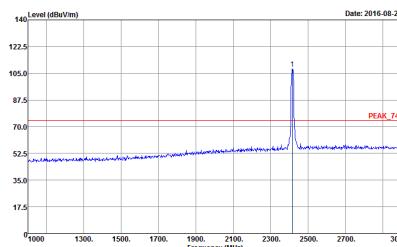
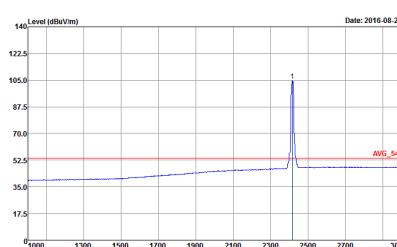
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 7	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SW:Auto Detector : Peak Project : 672834 Mode : 7	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SW:Auto Detector : Peak Project : 672834 Mode : 7

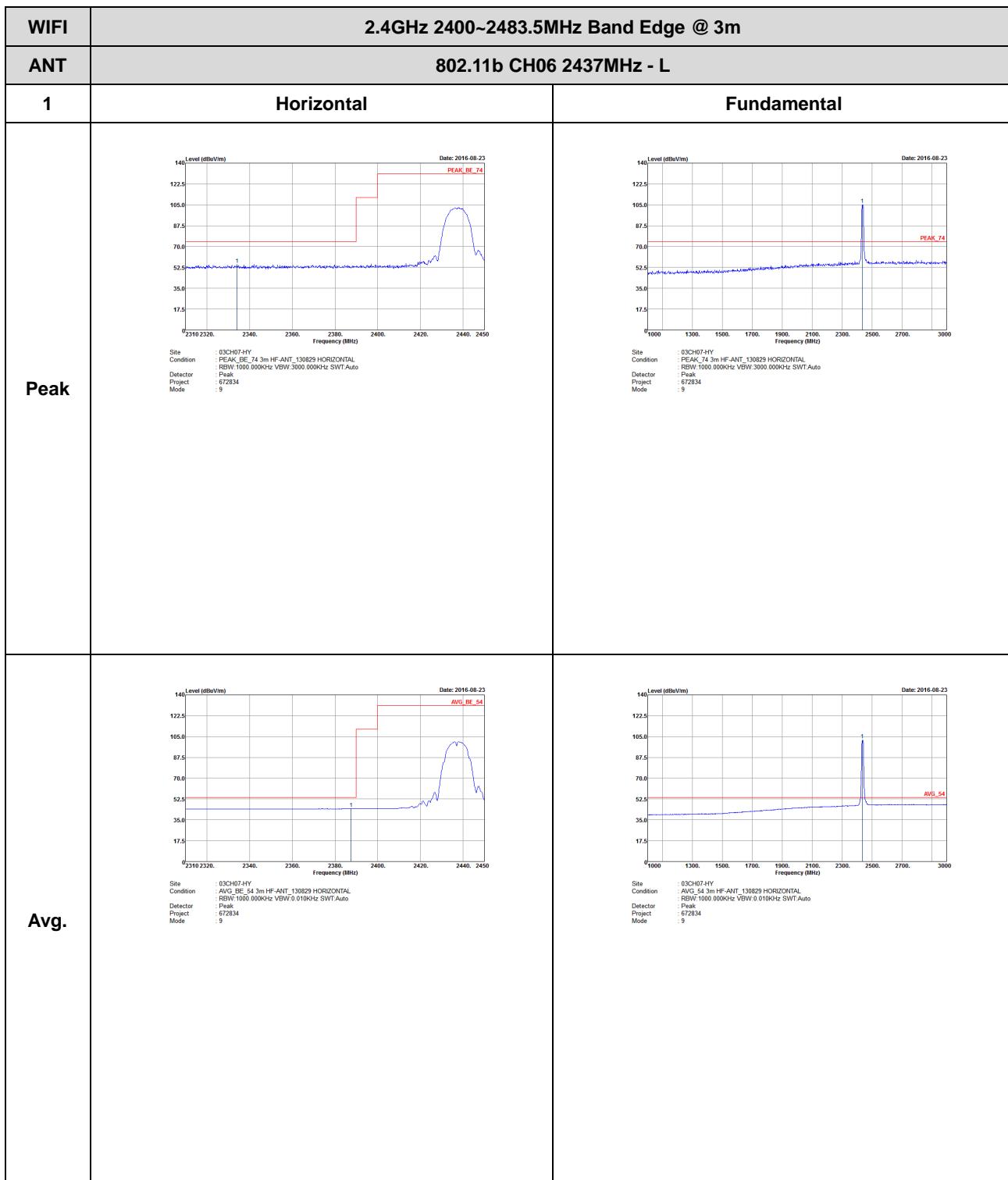


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 7	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 7
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWF:Auto Detector: Peak Project: 672834 Mode: 7	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWF:Auto Detector: Peak Project: 672834 Mode: 7



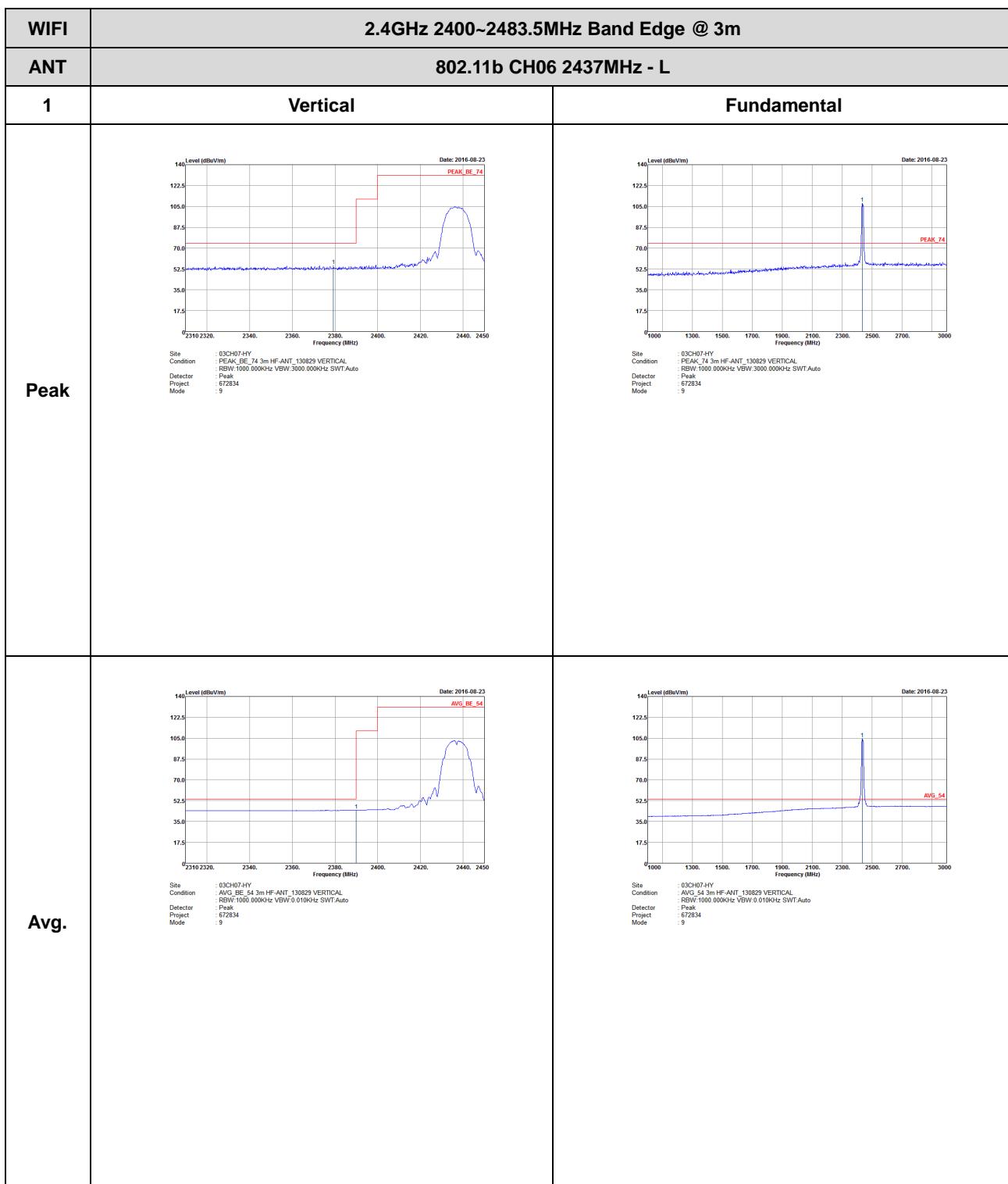


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 672834 8</p>	 <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 672834 8</p>
Avg.	 <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 672834 8</p>	 <p>Site Condition : AVG_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 672834 8</p>

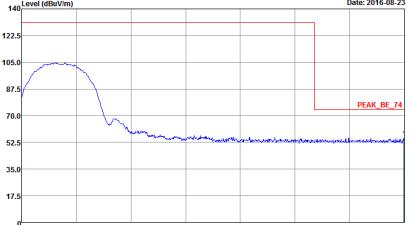
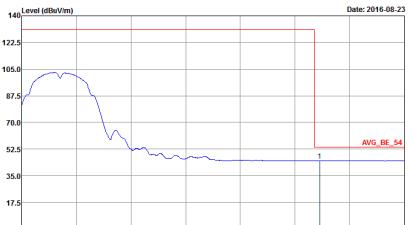


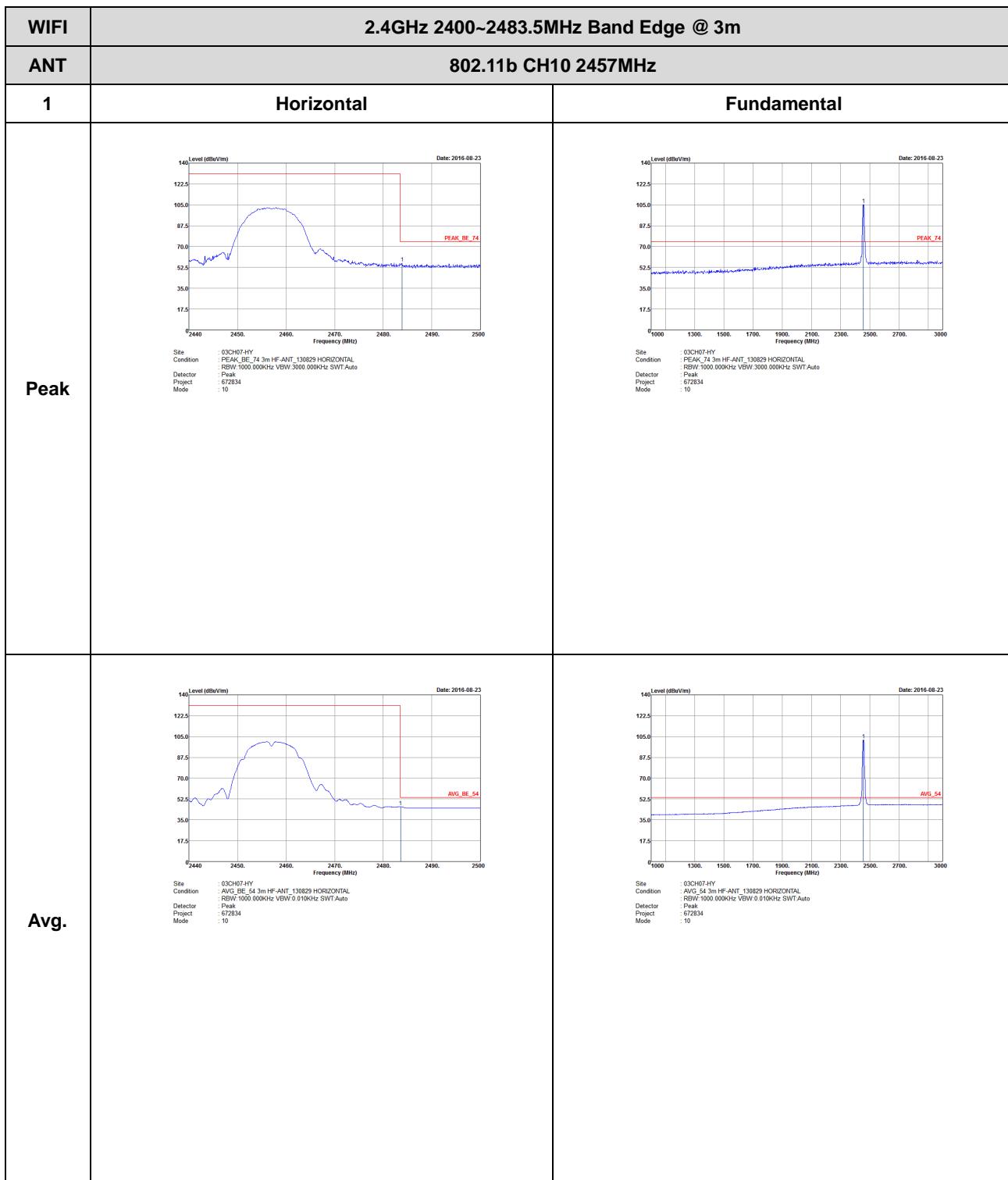


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-23</p> <p>PEAK_BE_74</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT, 130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 9</p>	Left blank
Avg.	<p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-23</p> <p>AVG_BE_54</p> <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT, 130829 HORIZONTAL RBW:1000.000KHz VBW:0.019KHz SWT:Auto Detector: Peak Project: 672834 Mode: 9</p>	Left blank





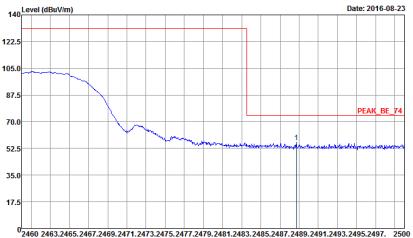
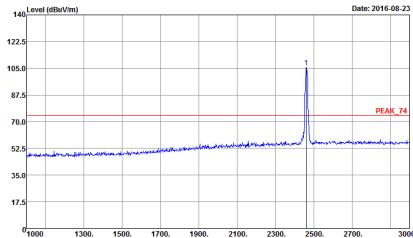
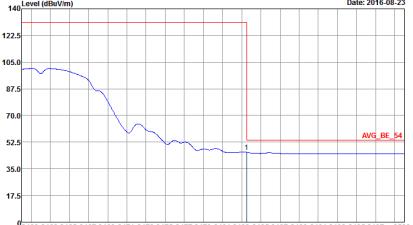
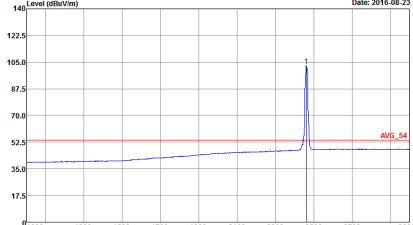
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBuV/m)</p> <p>Date: 2016-08-23</p> <p>PEAK_BE_74</p> <p>Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 9</p>	Left blank
Avg.	 <p>Level (dBuV/m)</p> <p>Date: 2016-08-23</p> <p>AVG_BE_54</p> <p>Site Condition: 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 0.010KHz SWT:Auto Detector: Peak Project: 672834 Mode: 9</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 672834 Mode : 10 Date: 2016-08-23	 Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 672834 Mode : 10 Date: 2016-08-23
Avg.	 Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 672834 Mode : 10 Date: 2016-08-23	 Site Condition : AVG_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 672834 Mode : 10 Date: 2016-08-23



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 <p>Site Condition : 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW 3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 11</p>	 <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW 3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 11</p>
Avg.	 <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW 0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 11</p>	 <p>Site Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW 0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 11</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 11</p>	<p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 11</p>
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 0.010KHz SWF:Auto Detector: Peak Project: 672834 Mode: 11</p>	<p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 0.010KHz SWF:Auto Detector: Peak Project: 672834 Mode: 11</p>



2.4GHz 2400~2483.5MHz

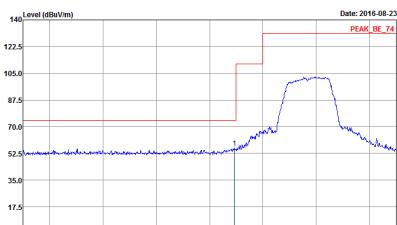
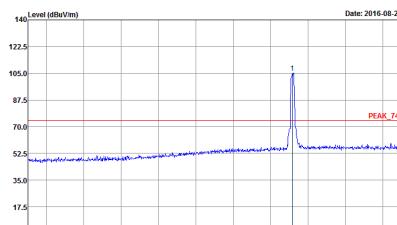
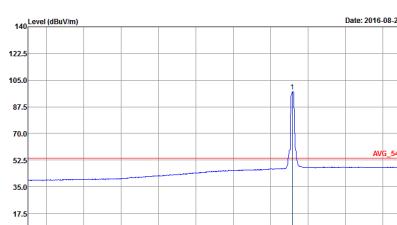
WIFI 802.11g (Band Edge @ 3m)

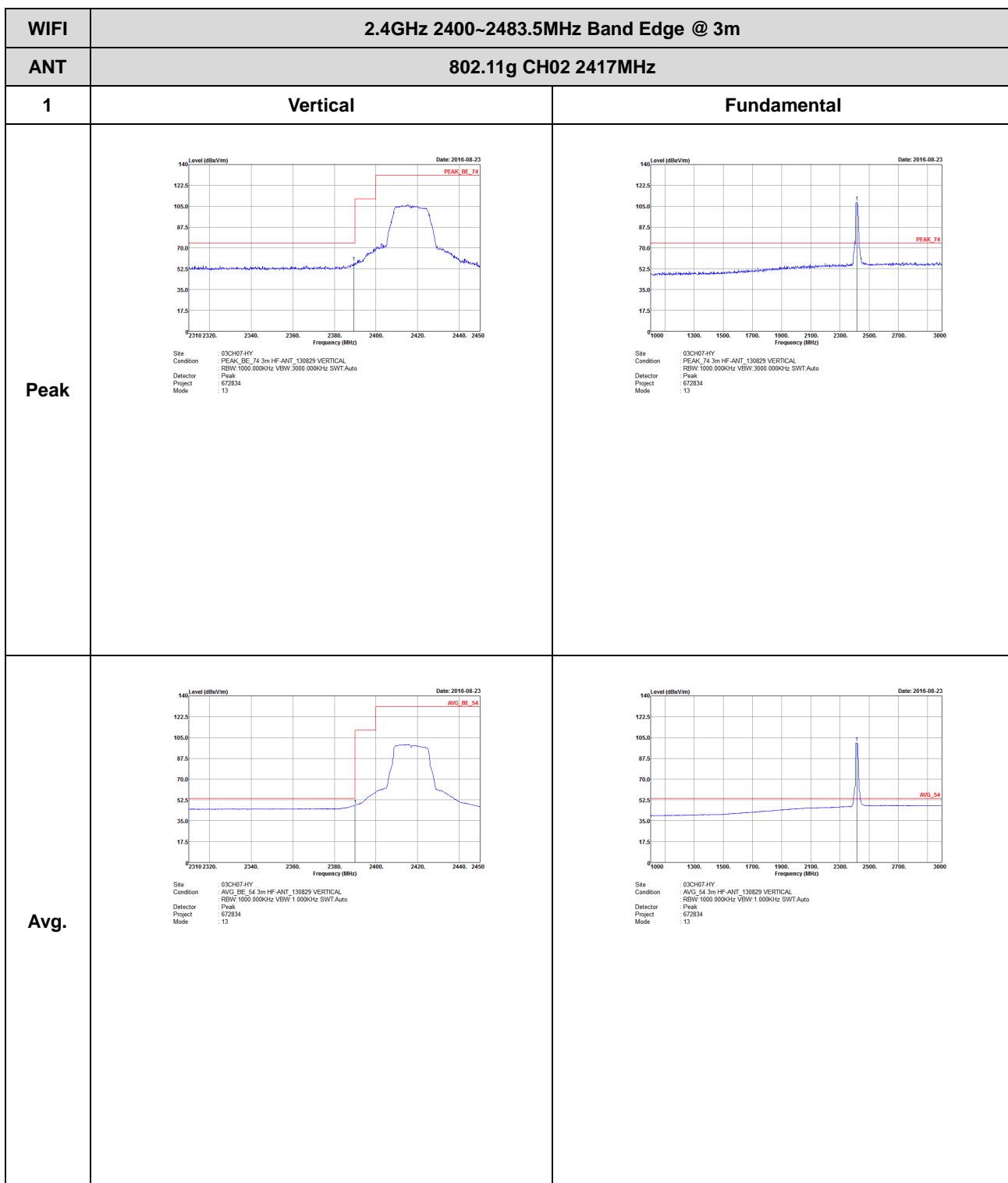
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 12	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 12	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 12

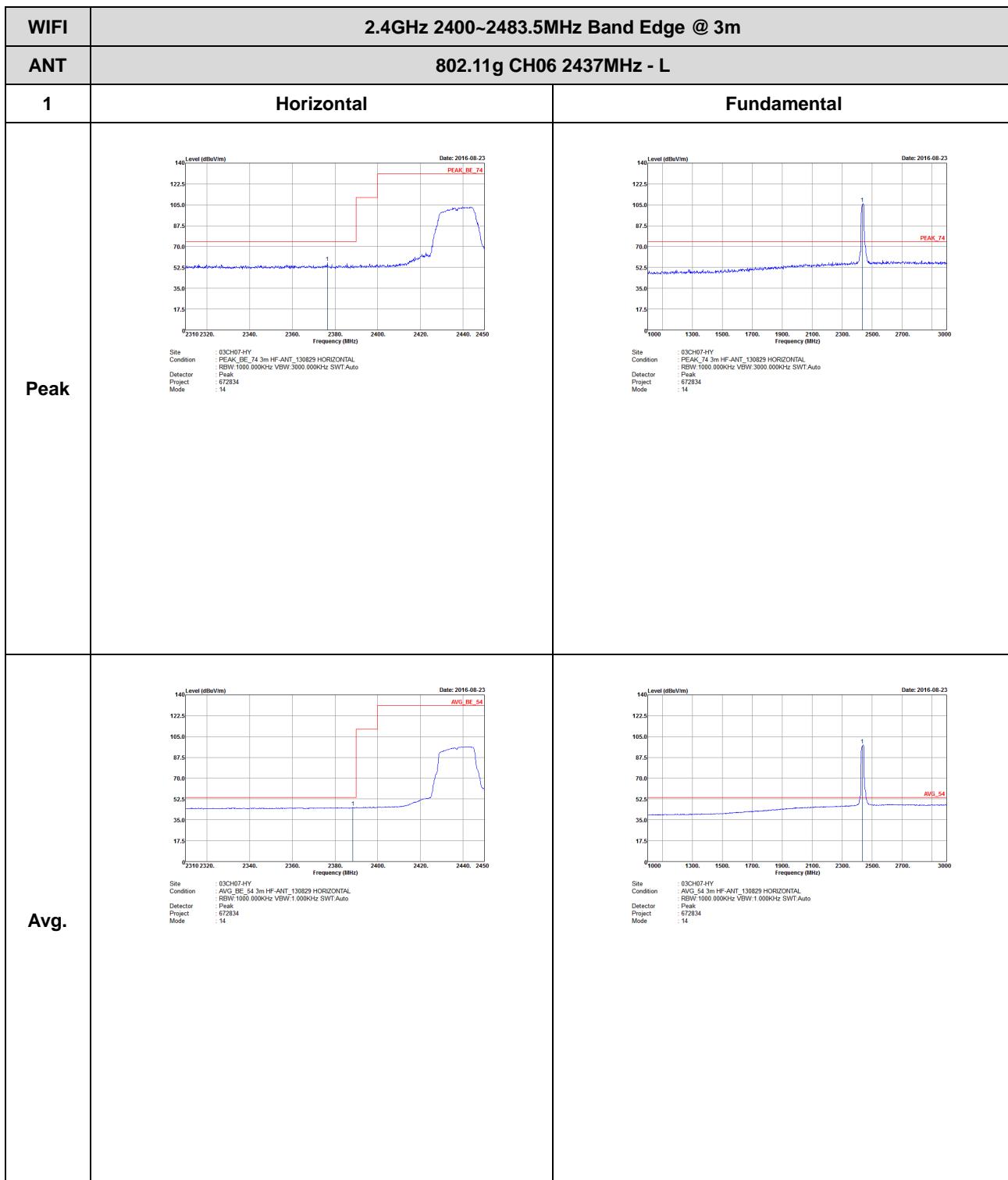


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 12	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 12
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 12	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 12



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1	Horizontal	Fundamental
Peak	 <p>Graph showing Level (dBm) vs Frequency (MHz) for the Horizontal band edge at Peak level. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 17.5 to 140 dBm. A red step function indicates the measurement range, starting at 52.5 dBm and rising to 122.5 dBm at 2417 MHz. The blue curve shows the signal envelope, which rises sharply at 2417 MHz. Text on graph: Date: 2016-08-23 PEAK_BE_74.</p> <p>Site Condition : 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 672834 Mode : 13</p>	 <p>Graph showing Level (dBm) vs Frequency (MHz) for the fundamental at Peak level. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 17.5 to 140 dBm. A red step function indicates the measurement range, starting at 52.5 dBm and rising to 105 dBm at 2417 MHz. The blue curve shows a single sharp peak at 2417 MHz. Text on graph: Date: 2016-08-23 PEAK_74.</p> <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 672834 Mode : 13</p>
Avg.	 <p>Graph showing Level (dBm) vs Frequency (MHz) for the Horizontal band edge at Average level. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 17.5 to 140 dBm. A red step function indicates the measurement range, starting at 52.5 dBm and rising to 122.5 dBm at 2417 MHz. The blue curve shows the signal envelope, which rises sharply at 2417 MHz. Text on graph: Date: 2016-08-23 AVG_BE_54.</p> <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 672834 Mode : 13</p>	 <p>Graph showing Level (dBm) vs Frequency (MHz) for the fundamental at Average level. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 17.5 to 140 dBm. A red step function indicates the measurement range, starting at 52.5 dBm and rising to 105 dBm at 2417 MHz. The blue curve shows a single sharp peak at 2417 MHz. Text on graph: Date: 2016-08-23 AVG_54.</p> <p>Site Condition : 03CH07-HY AVG_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 672834 Mode : 13</p>







WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-23</p> <p>PEAK_BE_74</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74_3m_HF-ANT_130820_HORIZONTAL RBW:1000.000KHz_VBW:3000.000KHz_SWT:Auto Detector: Peak Project: 672834 Mode: 14</p>	Left blank
Avg.	<p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-23</p> <p>AVG_BE_54</p> <p>Site: 03CH07-HY Condition: AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz_VBW:1.000KHz_SWT:Auto Detector: Peak Project: 672834 Mode: 14</p>	Left blank

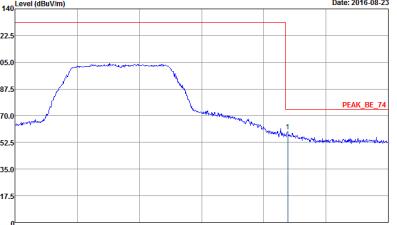
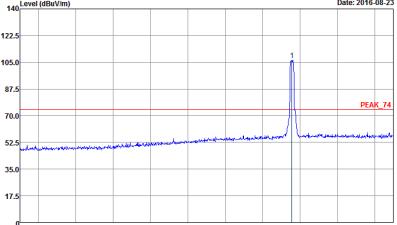
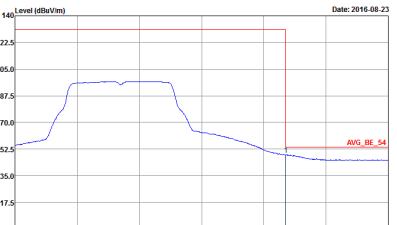
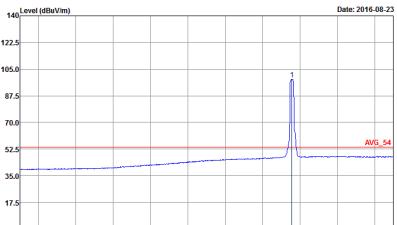


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Peak Vertical Band Edge measurement. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red step function highlights the band edge, starting at approximately 70 dBuV/m and rising to about 125 dBuV/m. A blue curve shows the noise floor. A sharp peak labeled 'PEAK_BE_74' is visible around 2437 MHz. Text below the graph provides test parameters: Site: 03CH07-HY, Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL, Detector: Peak, Project: 672834, Mode: 14.</p>	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Peak Fundamental measurement. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red horizontal line is at 70 dBuV/m. A blue curve shows the noise floor. A sharp peak labeled 'PEAK_74' is visible around 2437 MHz. Text below the graph provides test parameters: Site: 03CH07-HY, Condition: PEAK_74 3m HF-ANT_130829 VERTICAL, Detector: Peak, Project: 672834, Mode: 14.</p>
Avg.	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Average Vertical Band Edge measurement. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red step function highlights the band edge, starting at approximately 52.5 dBuV/m and rising to about 125 dBuV/m. A blue curve shows the noise floor. A sharp peak labeled 'AVG_BE_54' is visible around 2437 MHz. Text below the graph provides test parameters: Site: 03CH07-HY, Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL, Detector: Peak, Project: 672834, Mode: 14.</p>	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Average Fundamental measurement. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red horizontal line is at 52.5 dBuV/m. A blue curve shows the noise floor. A sharp peak labeled 'AVG_54' is visible around 2437 MHz. Text below the graph provides test parameters: Site: 03CH07-HY, Condition: AVG_54 3m HF-ANT_130829 VERTICAL, Detector: Peak, Project: 672834, Mode: 14.</p>



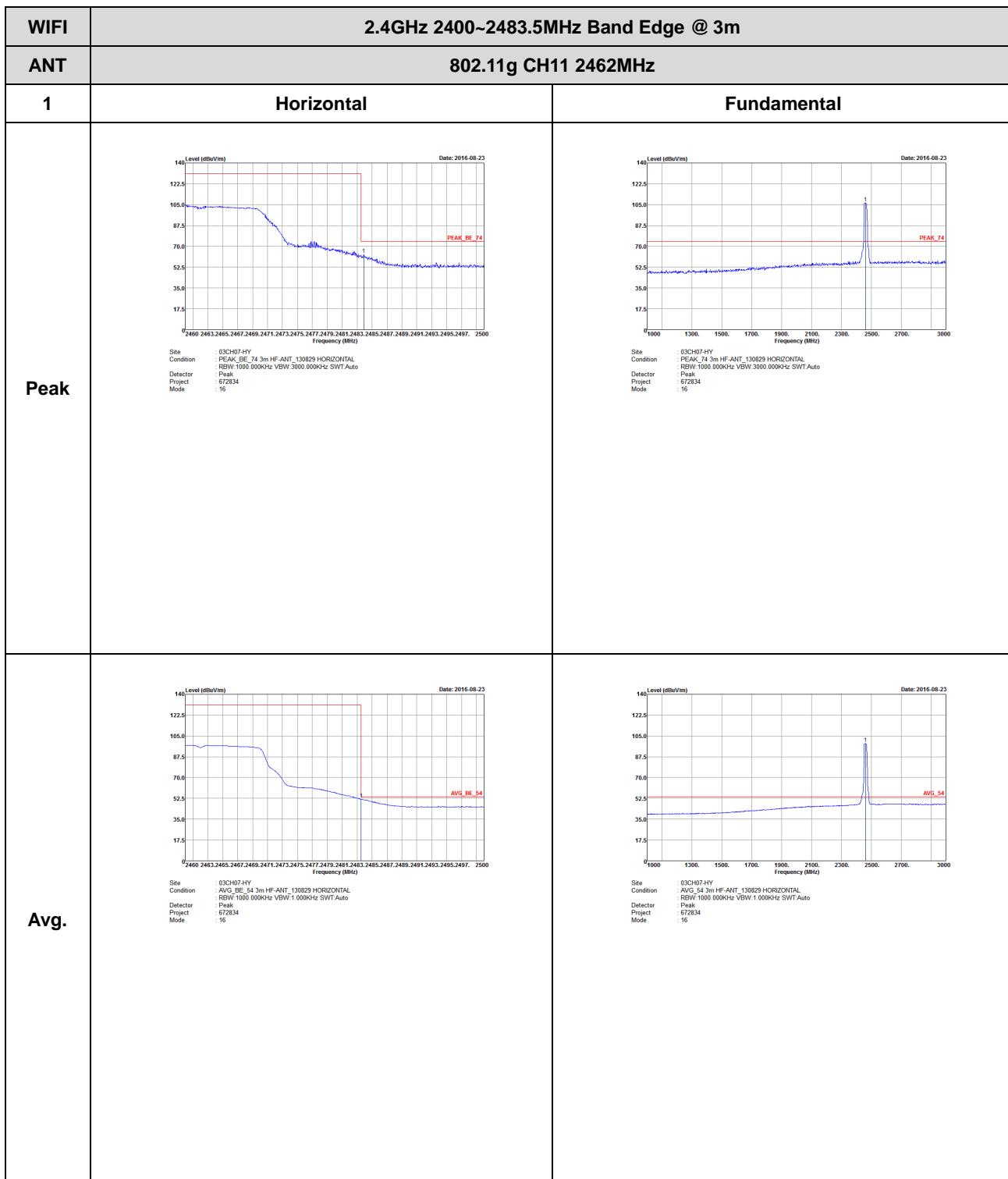
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: P000000 Mode: 672834 14</p>	Left Blank
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: P000000 Mode: 672834 14</p>	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1	Horizontal	Fundamental
Peak	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Horizontal Band Edge at Peak level. The x-axis ranges from 2440 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red step function indicates the measurement range. A blue line shows the signal level, which rises to a peak of approximately 105 dBuV/m at 2457 MHz and then drops. A red rectangle highlights the peak area, labeled "PEAK_BE_74".</p> <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Fundamental at Peak level. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red step function indicates the measurement range. A blue line shows a single sharp peak reaching approximately 105 dBuV/m at 2457 MHz, labeled "1". A red rectangle highlights the peak area, labeled "PEAK_74".</p> <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>
Avg.	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Horizontal Band Edge at Average level. The x-axis ranges from 2440 to 2500 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red step function indicates the measurement range. A blue line shows a broad peak rising to about 90 dBuV/m at 2457 MHz, labeled "AVG_BE_54". A red rectangle highlights the peak area.</p> <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Fundamental at Average level. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 17.5 to 140 dBuV/m. A red step function indicates the measurement range. A blue line shows a single sharp peak reaching approximately 105 dBuV/m at 2457 MHz, labeled "1". A red rectangle highlights the peak area, labeled "AVG_54".</p> <p>Site Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1	Vertical	Fundamental
Peak	<p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>	<p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>
Avg.	<p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>	<p>Site Condition : 03CH07-HY AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector Peak Project 672834 Mode : 15</p>



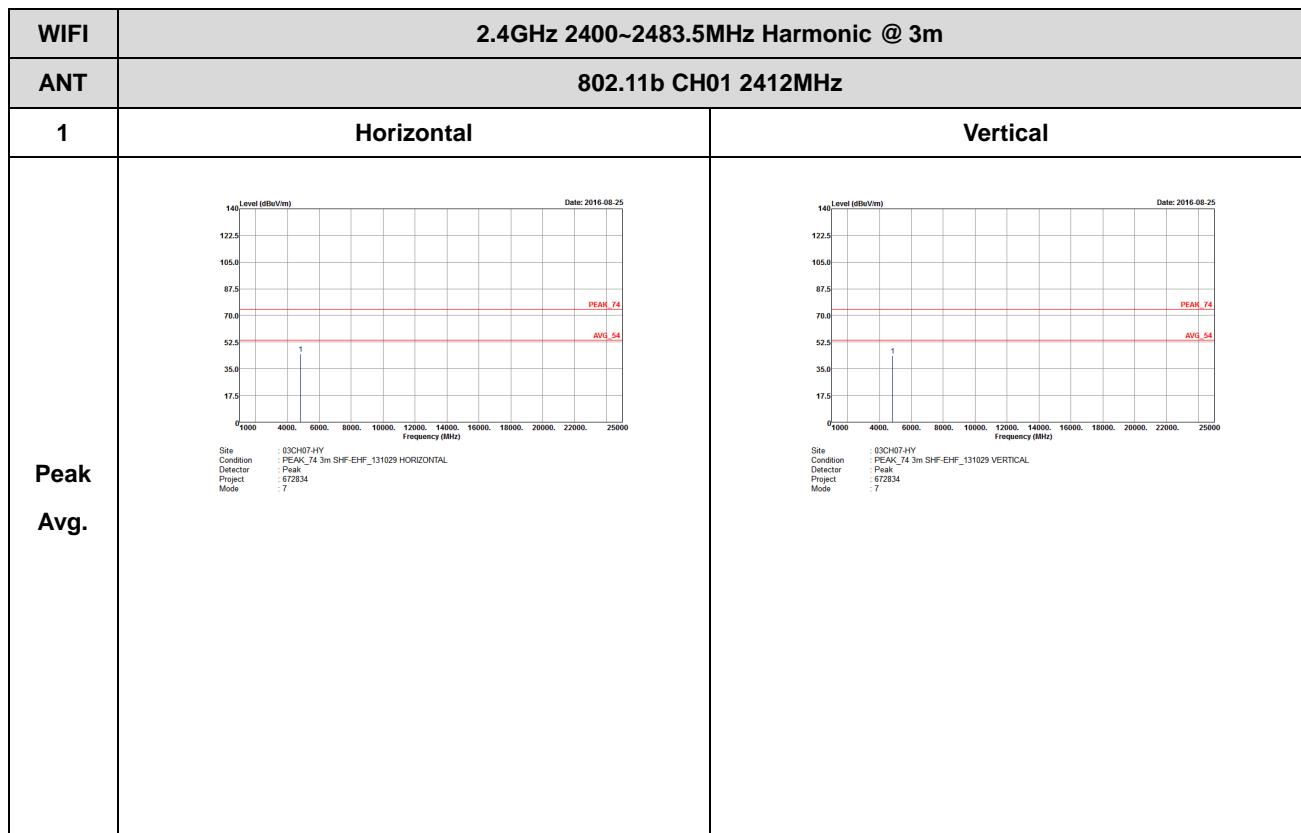


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 16</p>	<p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 16</p>
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 16</p>	<p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 16</p>



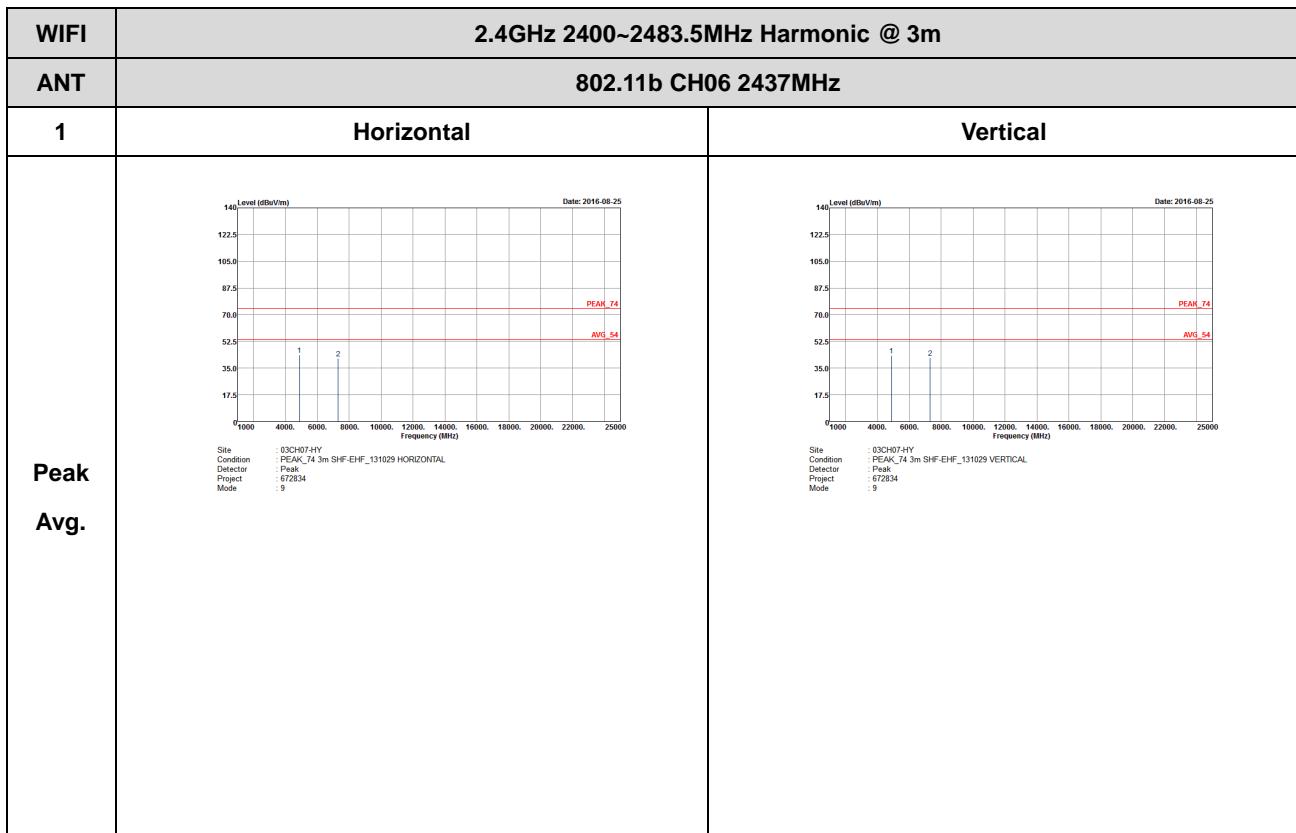
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



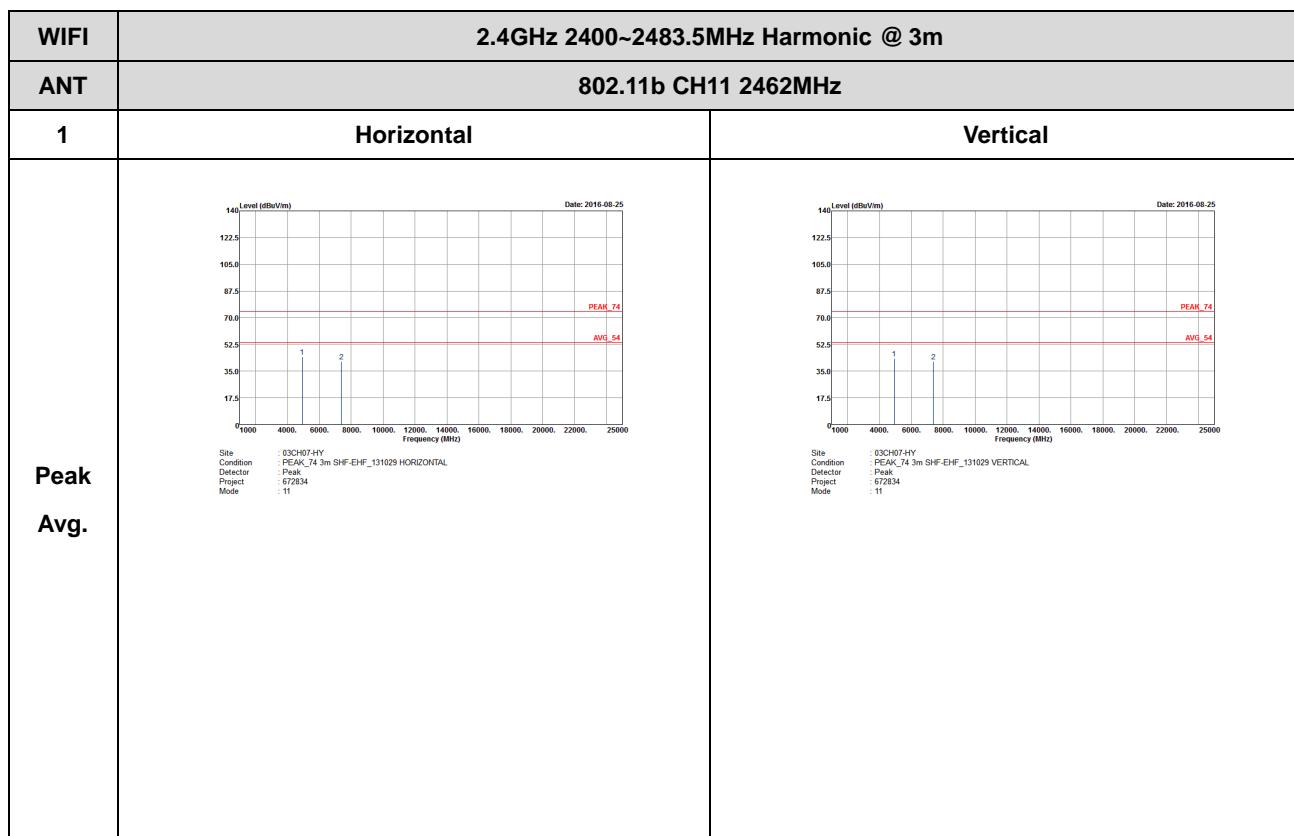


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH02 2417MHz	
1	Horizontal	Vertical
Peak Avg.	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: S	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: S





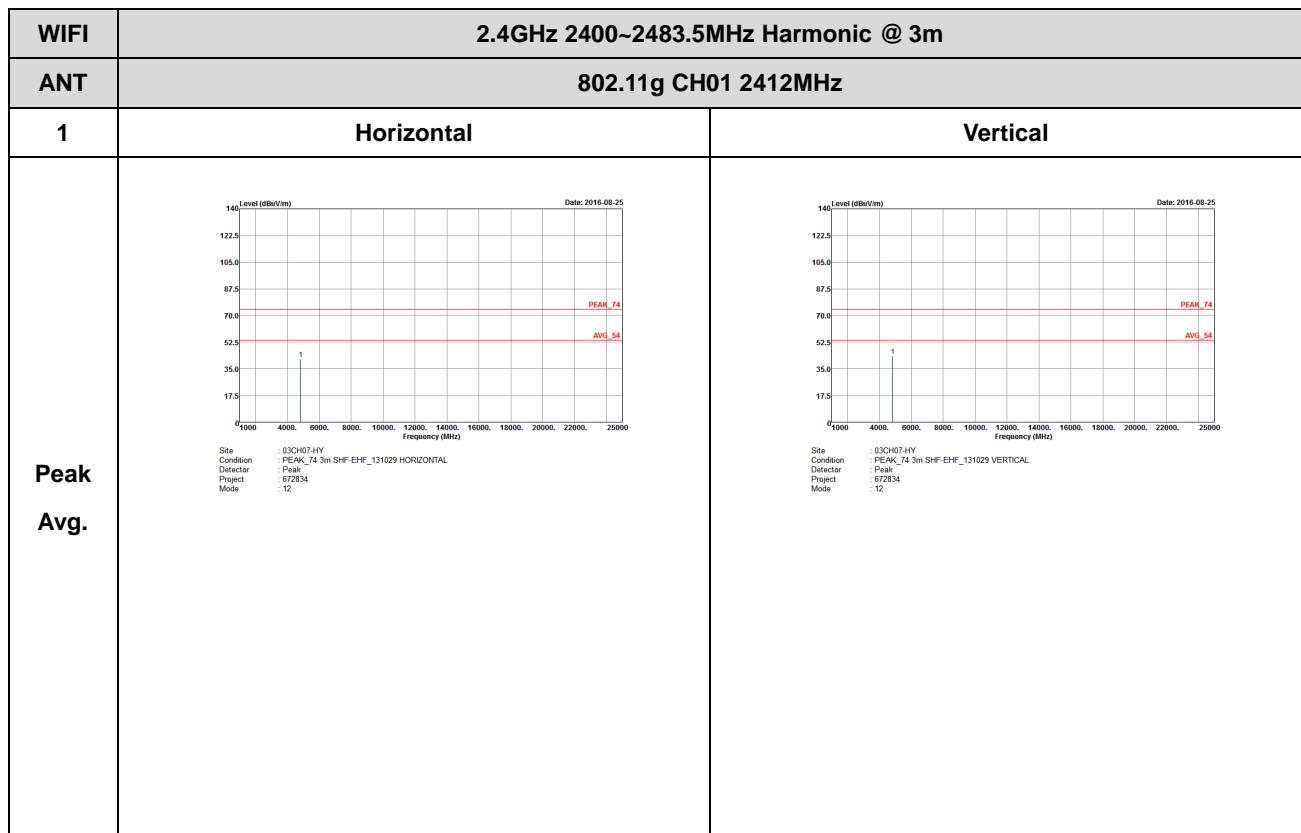
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH10 2457MHz	
1	Horizontal	Vertical
Peak Avg.	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: 10	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: 10





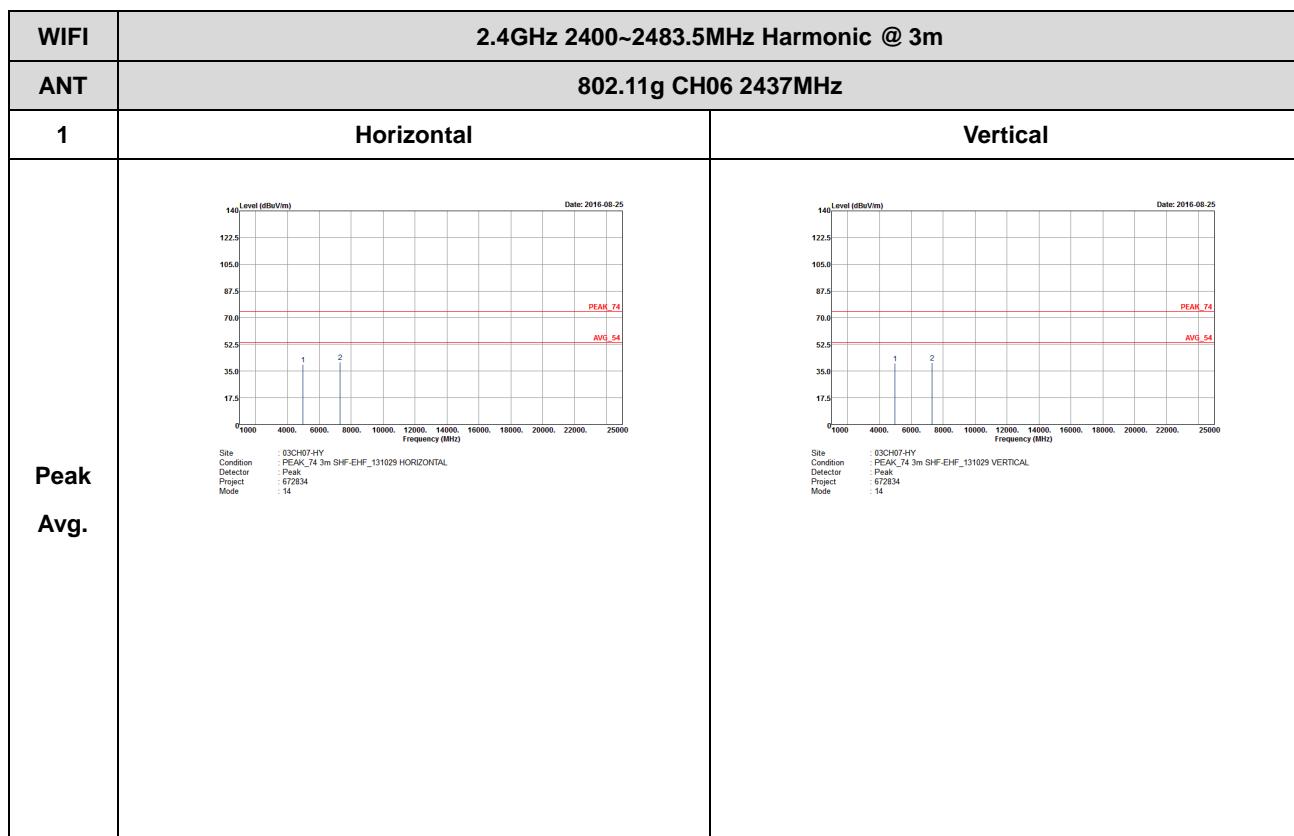
2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



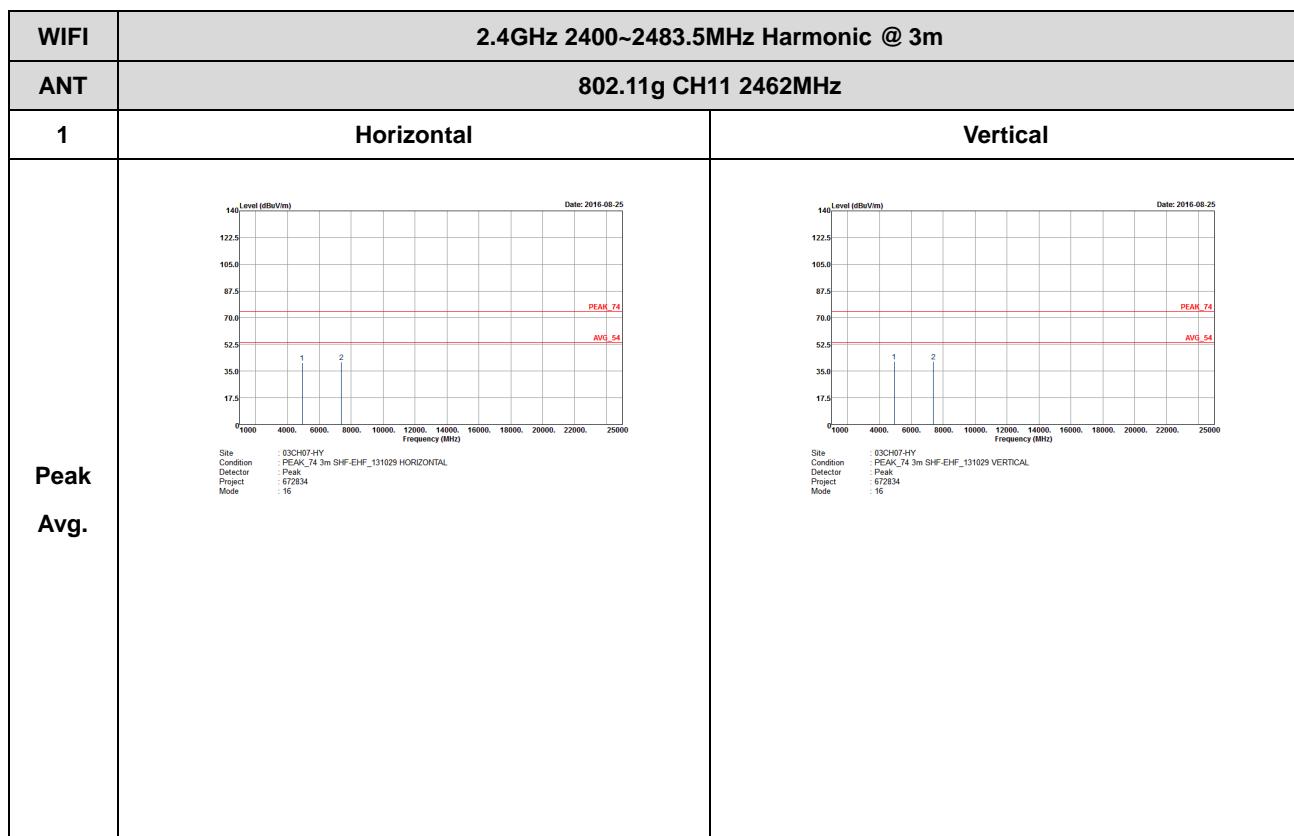


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH02 2417MHz	
1	Horizontal	Vertical
Peak Avg.	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: 13	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: 13





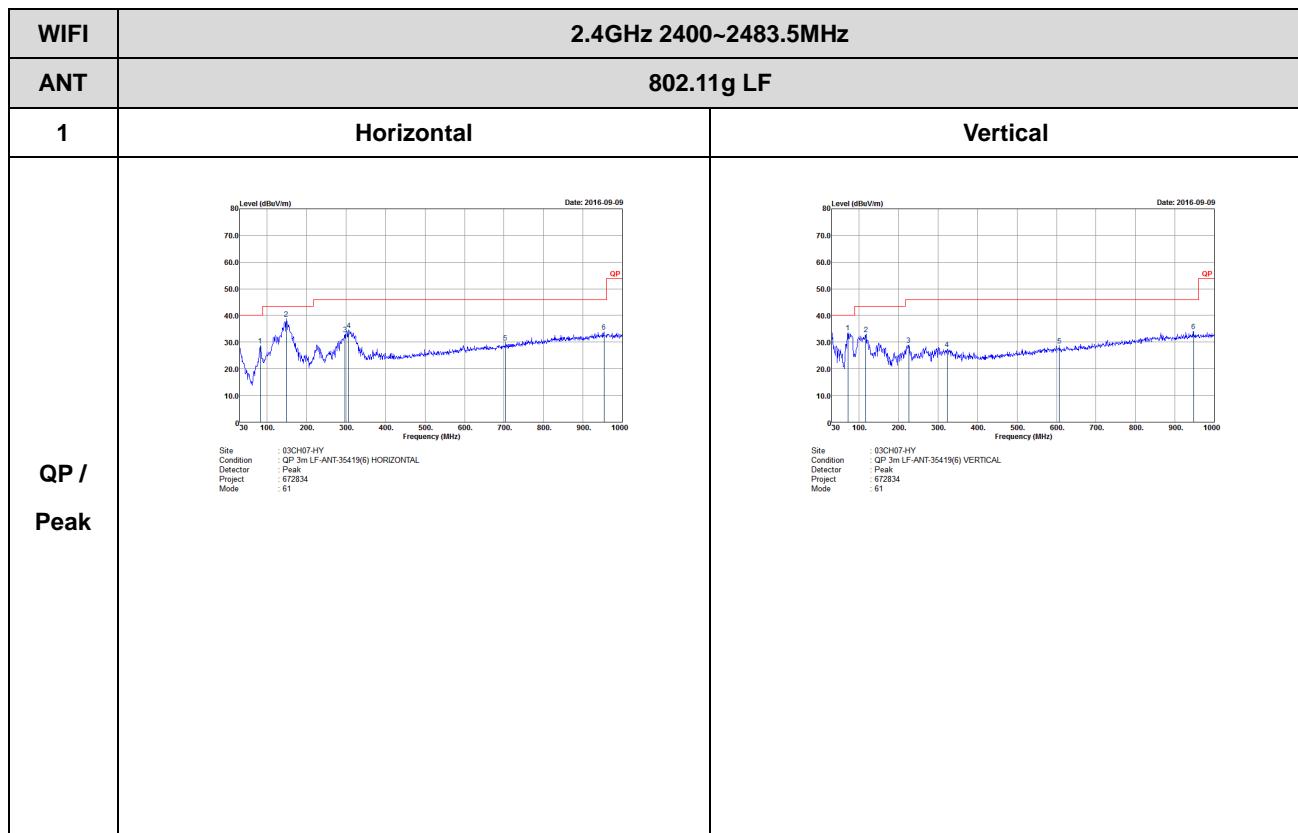
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH10 2457MHz	
1	Horizontal	Vertical
Peak Avg.	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: 15	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: 15





Emission below 1GHz

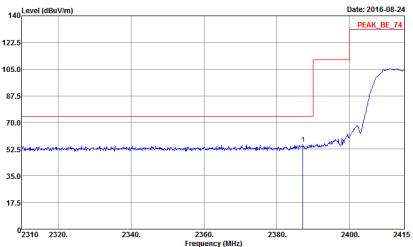
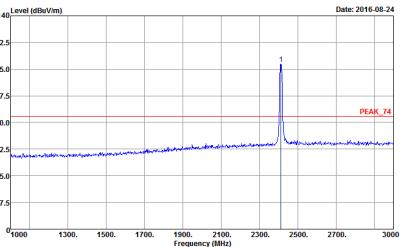
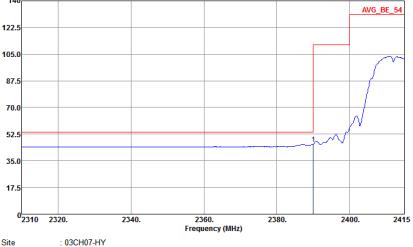
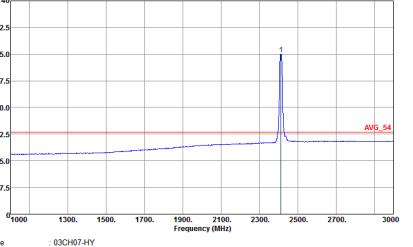
2.4GHz WIFI 802.11g (LF)

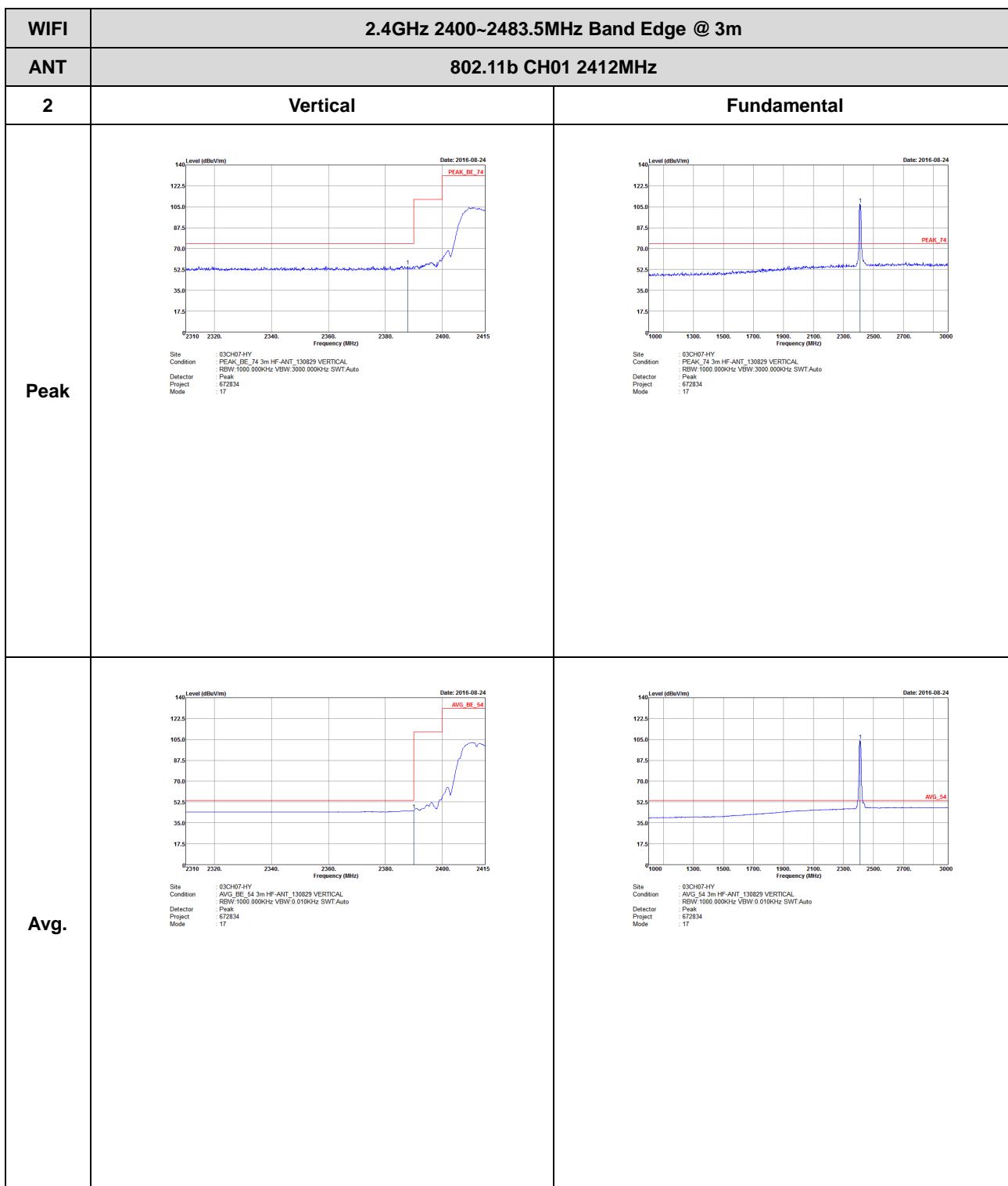


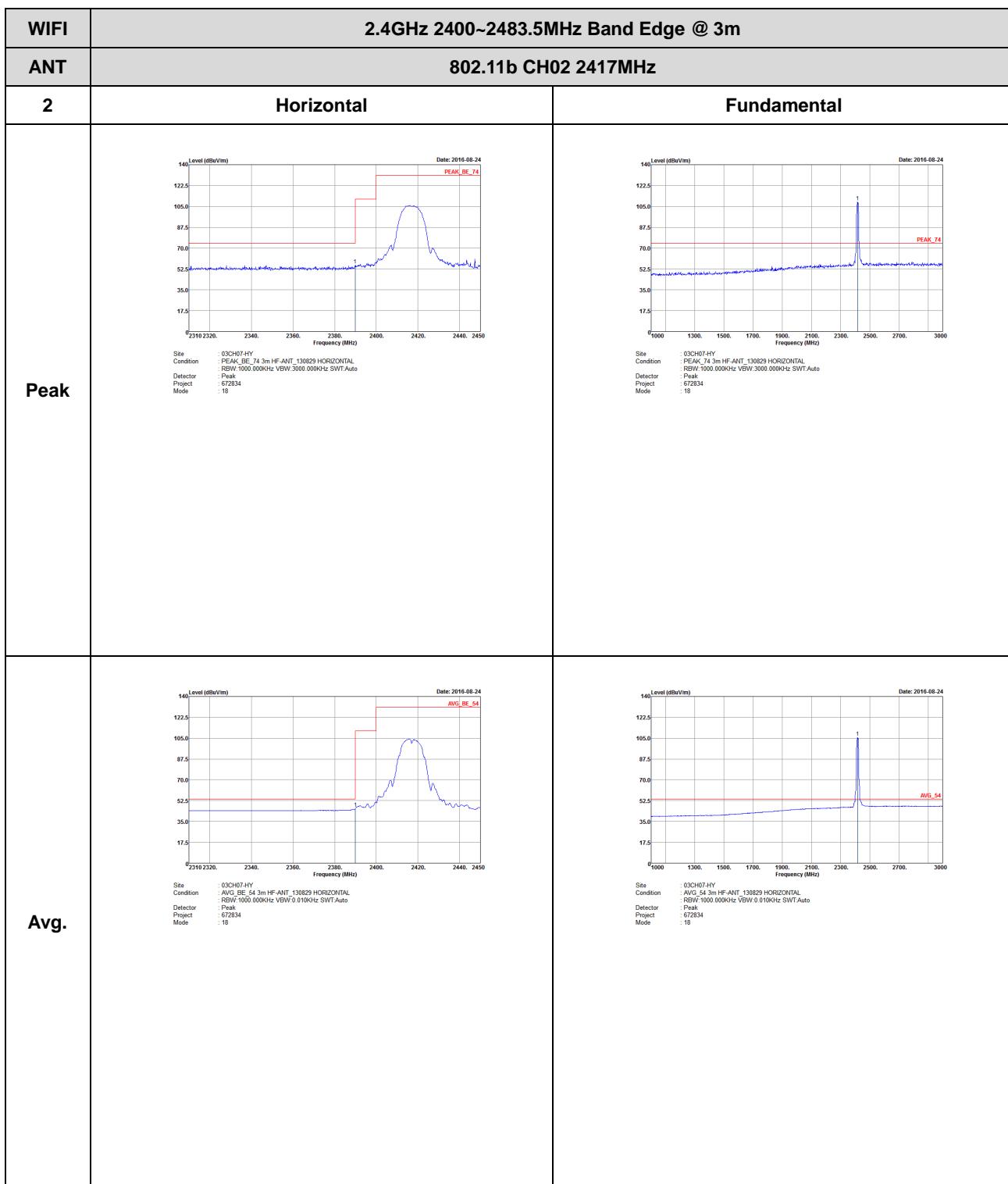


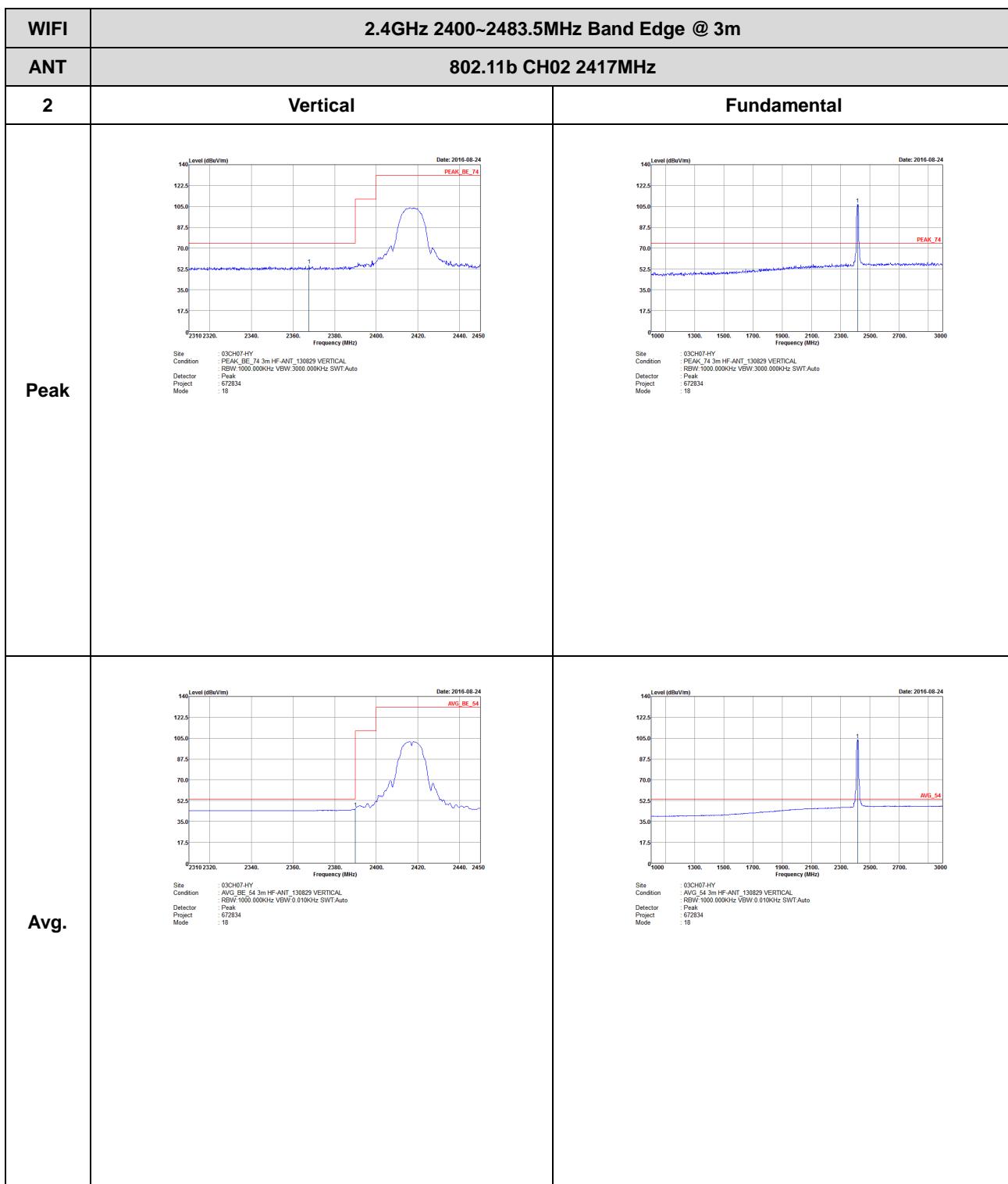
2.4GHz 2400~2483.5MHz

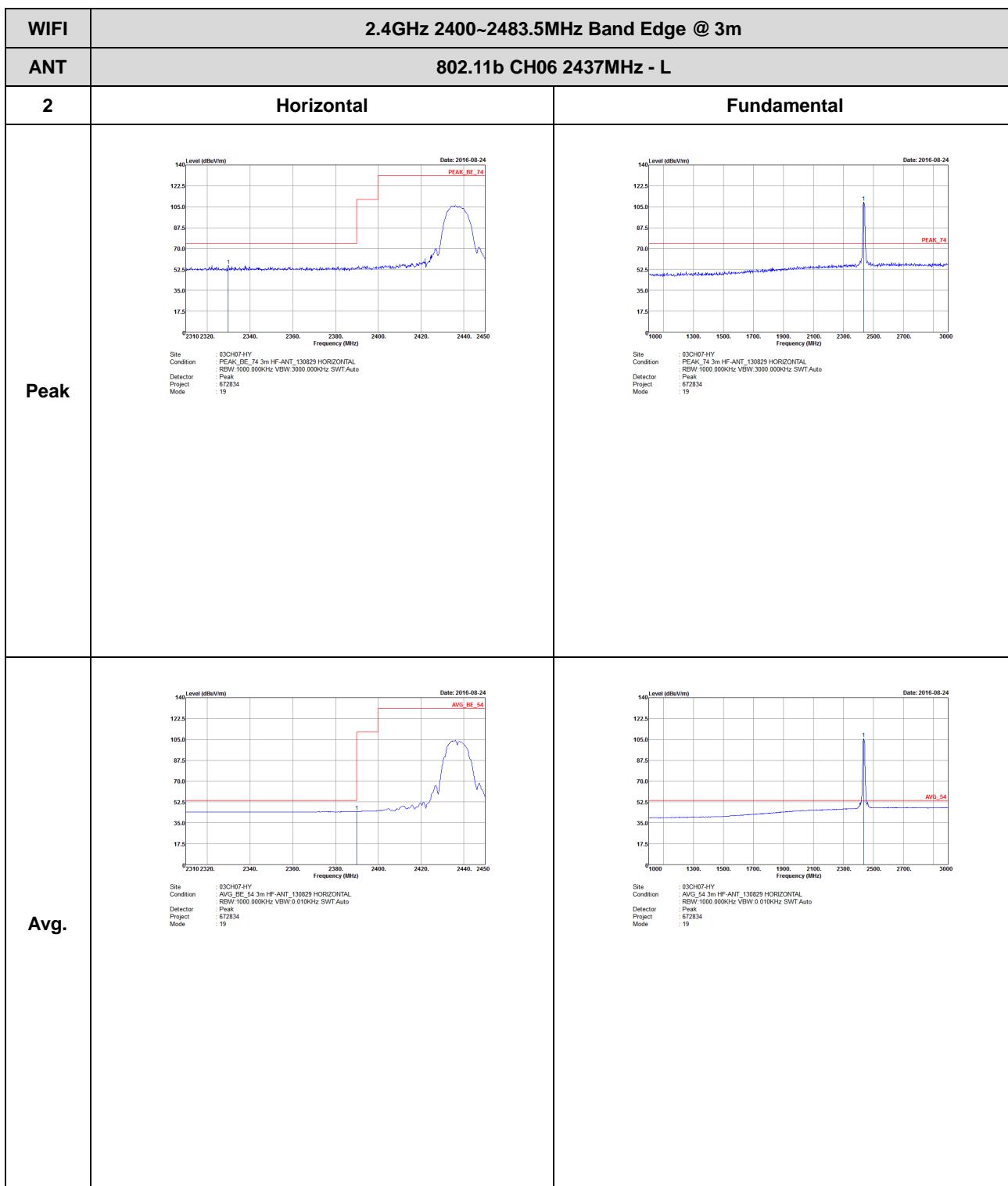
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 17</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SW:Auto Detector : Peak Project : 672834 Mode : 17</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SW:Auto Detector : Peak Project : 672834 Mode : 17</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SW:Auto Detector : Peak Project : 672834 Mode : 17</p>

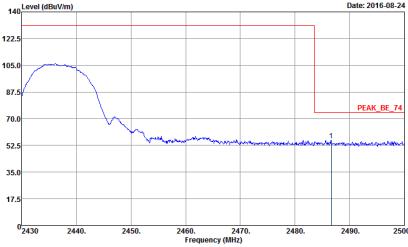


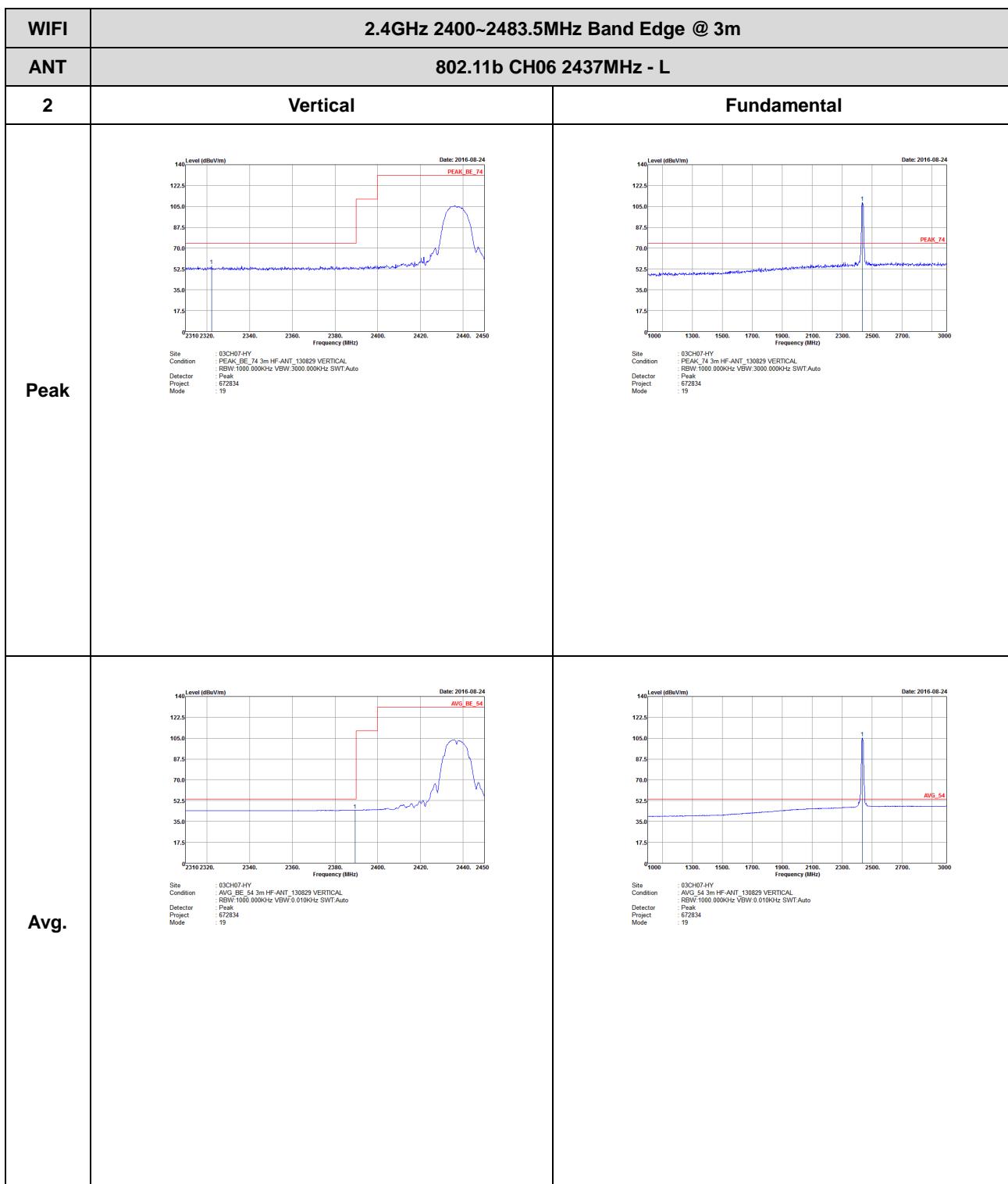




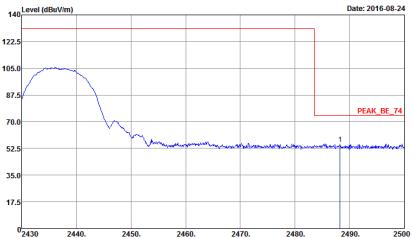
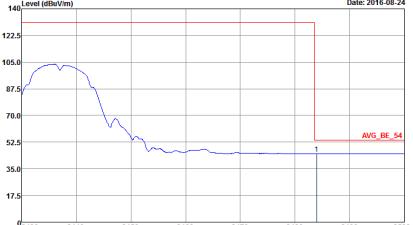


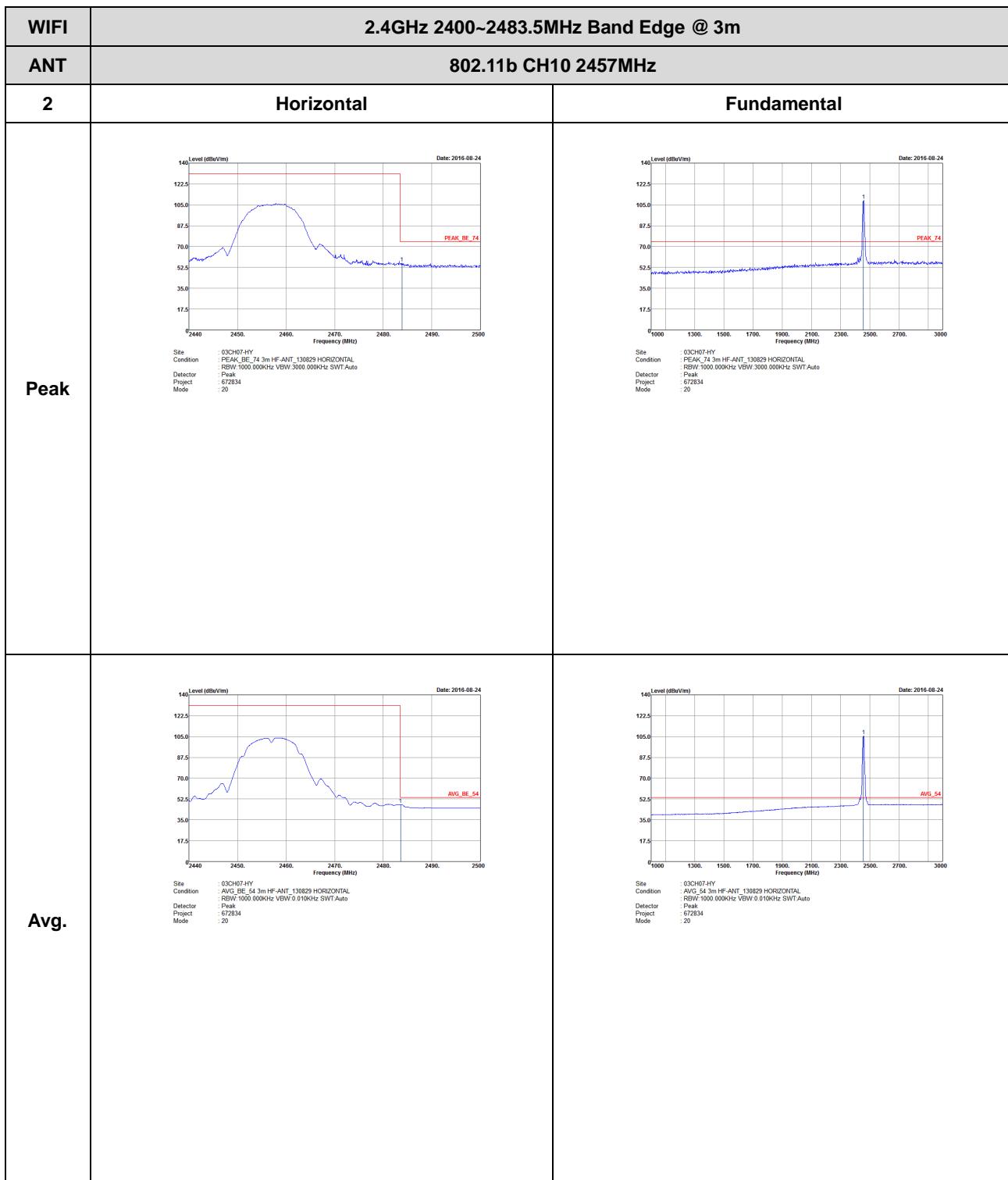


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 19</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:0.019KHz SWT:Auto Detector: Peak Project: 672834 Mode: 19</p>	Left blank



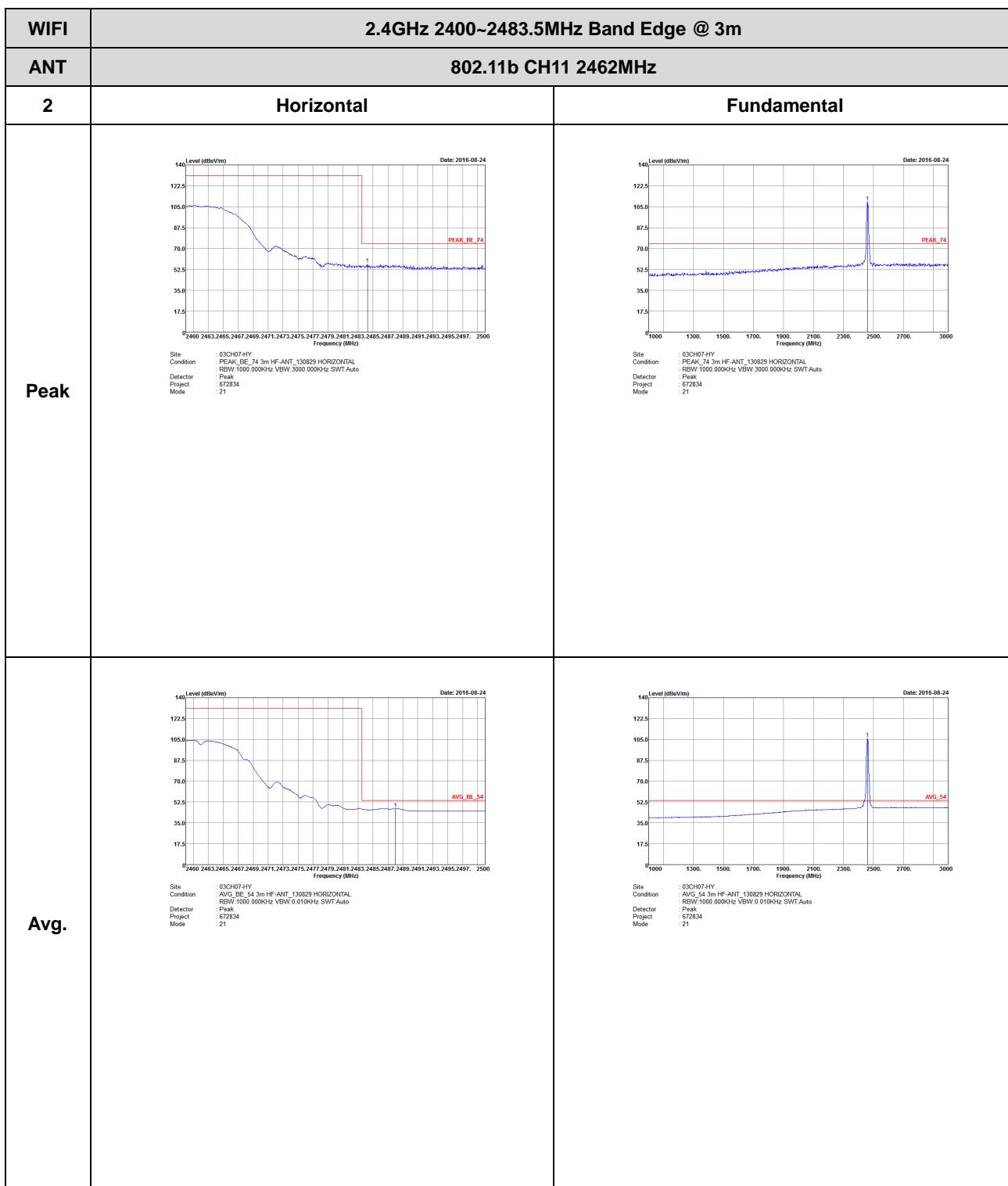


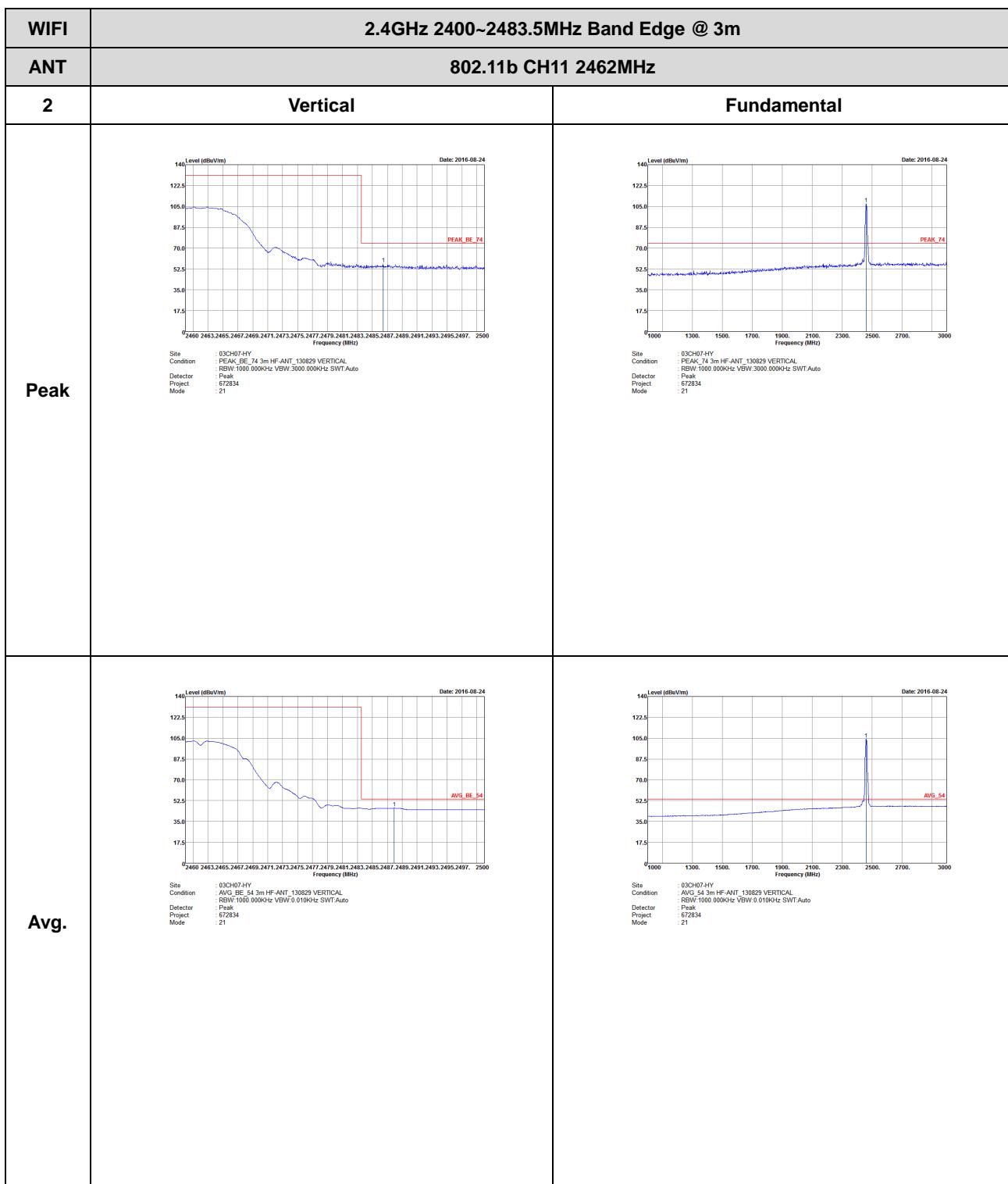
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBuV/m)</p> <p>Date: 2016-08-24</p> <p>Site: 03CH07-HY</p> <p>Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL</p> <p>Detector: RBW:1000.000KHz VBW: 3000.000KHz SW:Auto</p> <p>Project: P000000</p> <p>Mode: 672834</p> <p>19</p>	Left blank
Avg.	 <p>Level (dBuV/m)</p> <p>Date: 2016-08-24</p> <p>Site: 03CH07-HY</p> <p>Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL</p> <p>Detector: RBW:1000.000KHz VBW: 0.010KHz SW:Auto</p> <p>Project: P000000</p> <p>Mode: 672834</p> <p>19</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
2	Vertical	Fundamental
Peak	 Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 672834 Mode : 20 Date: 2016-08-24	 Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 672834 Mode : 20 Date: 2016-08-24
Avg.	 Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 672834 Mode : 20 Date: 2016-08-24	 Site Condition : AVG_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 672834 Mode : 20 Date: 2016-08-24

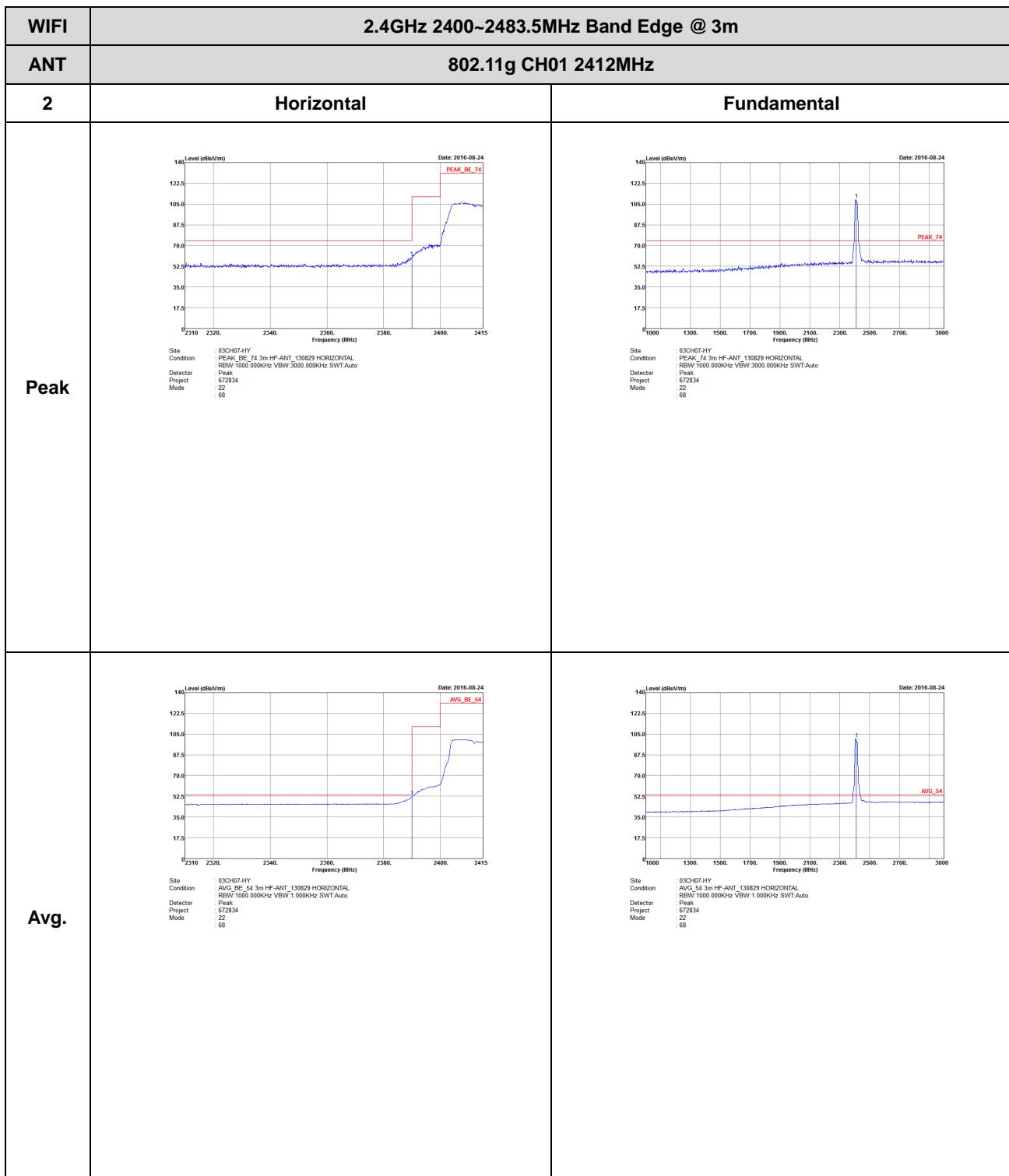


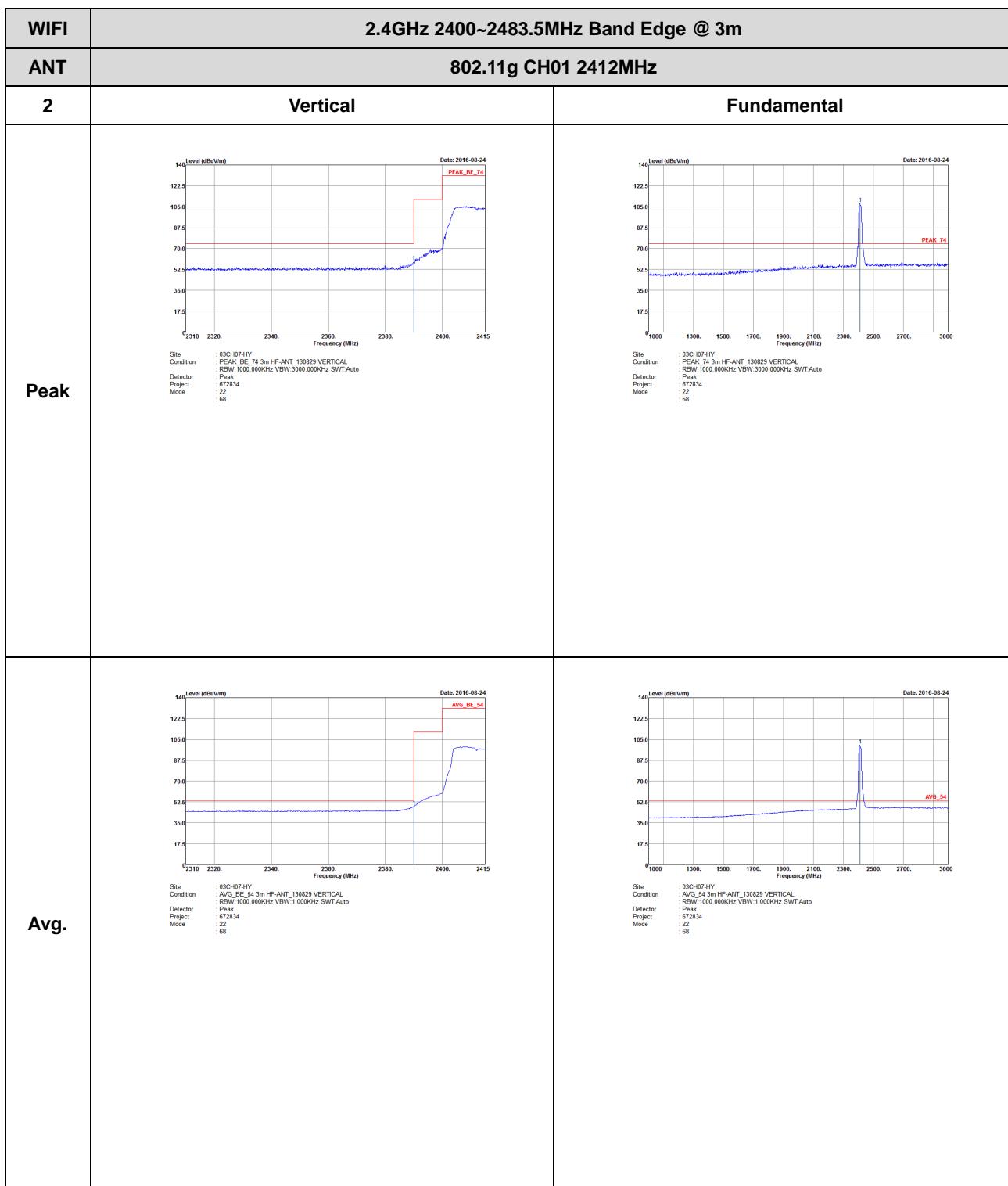


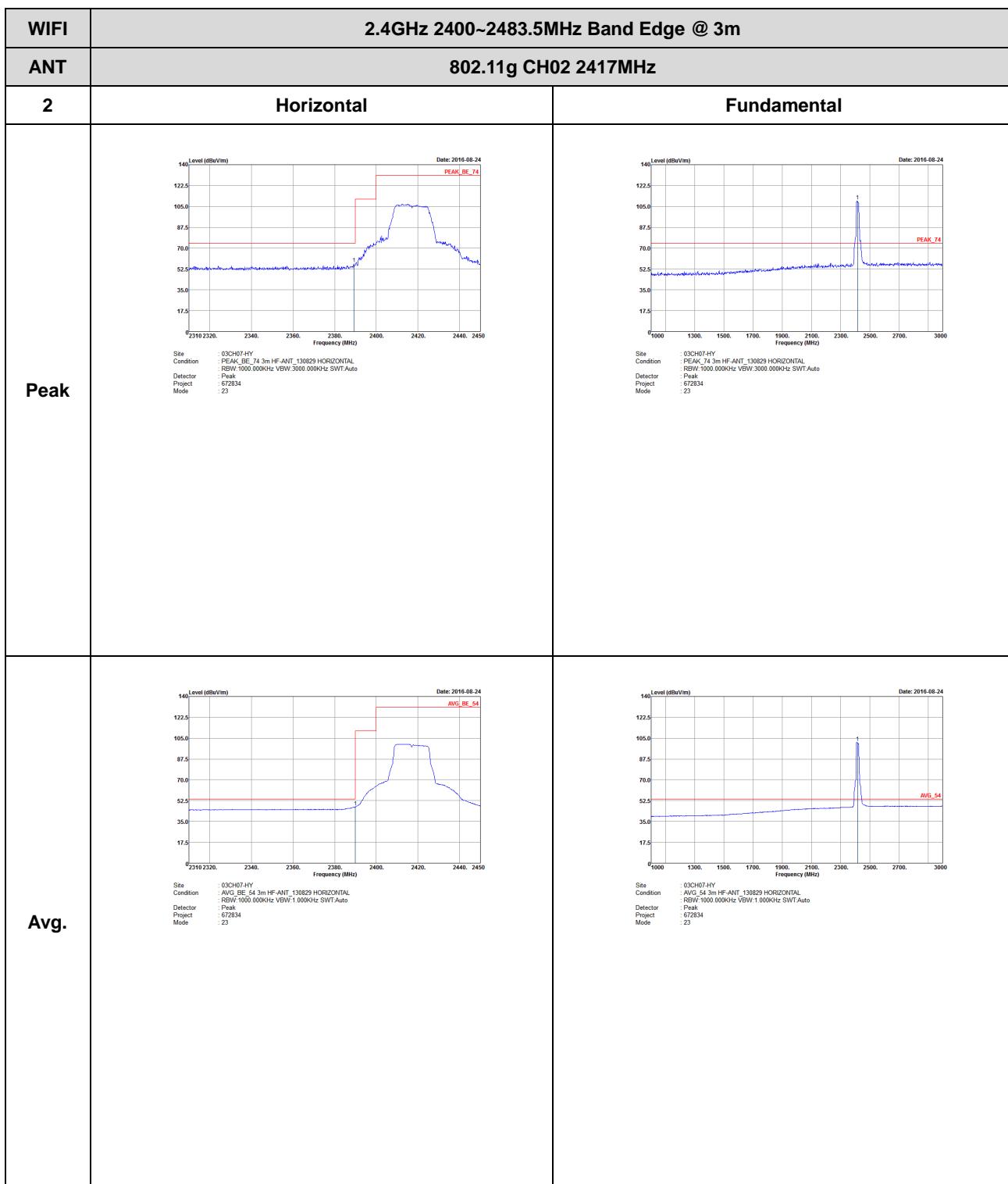


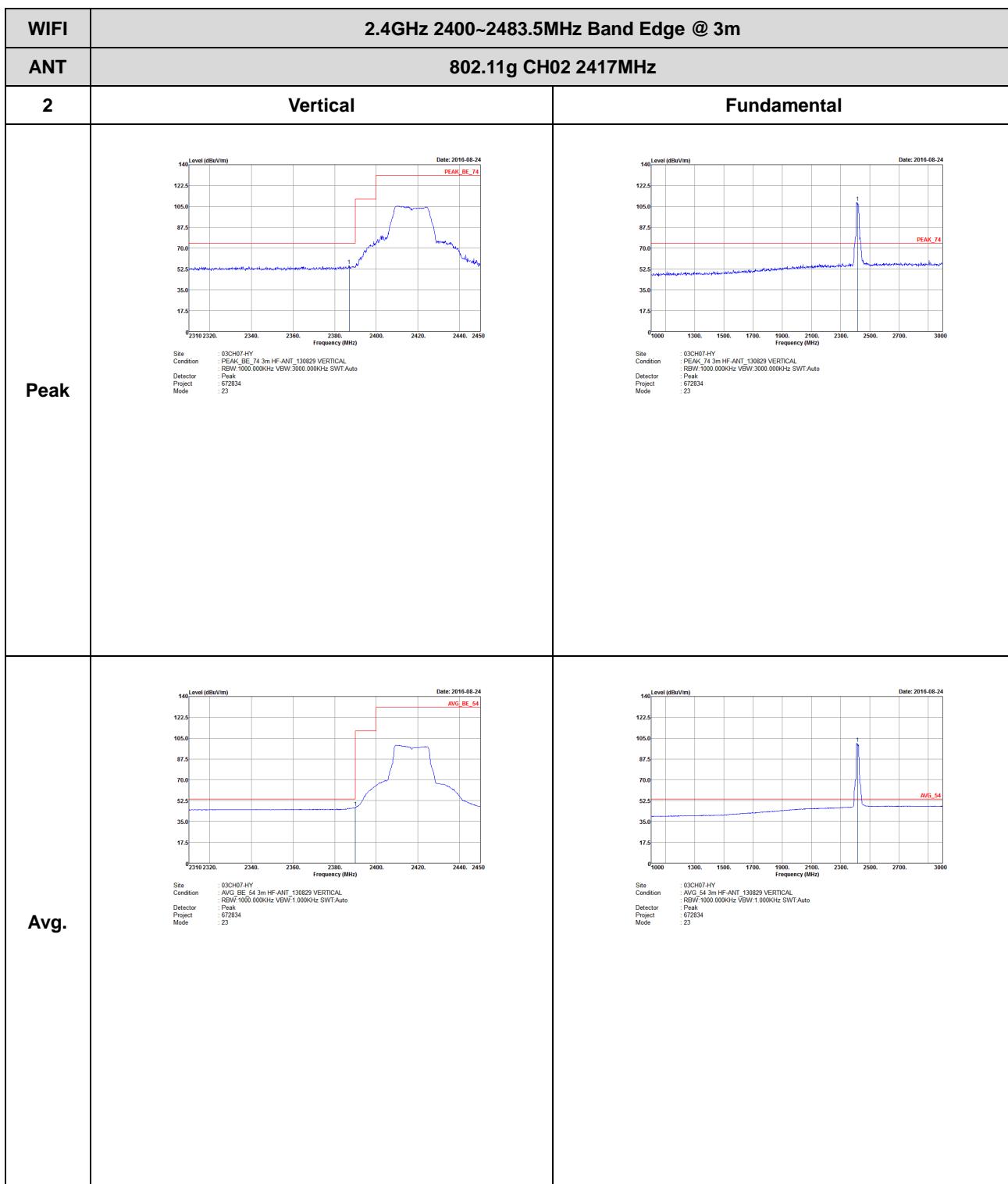
2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

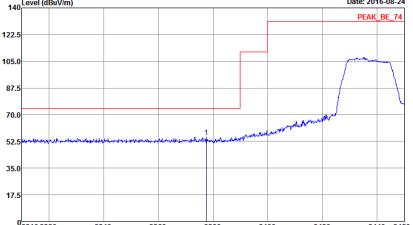
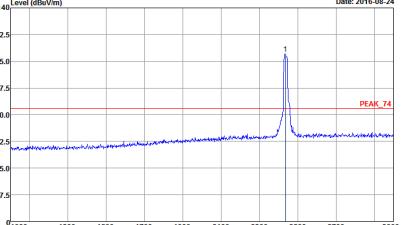
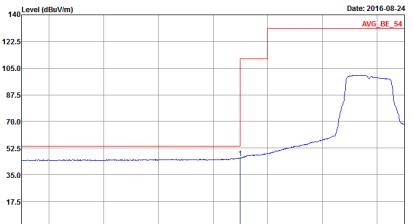
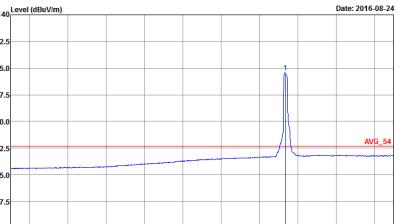










WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RSW-1000 000KHz VBW.3000.000KHz SWT:Auto Project : 672834 Mode : 24</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : RSW-1000 000KHz VBW.3000.000KHz SWT:Auto Project : 672834 Mode : 24</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RSW-1000 000KHz VBW.1.000KHz SWT:Auto Project : 672834 Mode : 24</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL Detector : RSW-1000 000KHz VBW.1.000KHz SWT:Auto Project : 672834 Mode : 24</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 24</p>	Left blank
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 24</p>	Left blank

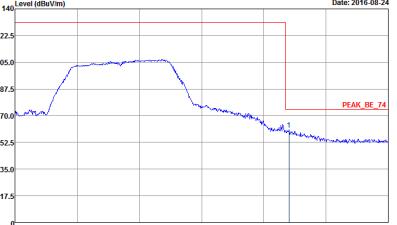
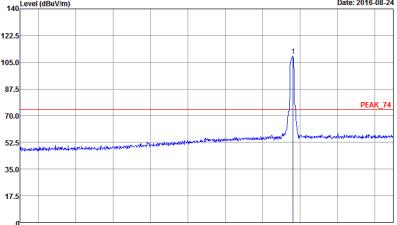
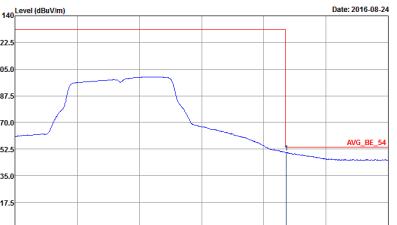
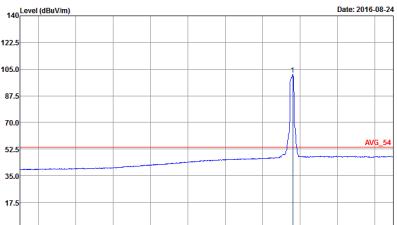


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 24	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 24
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 24	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 672834 Mode: 24

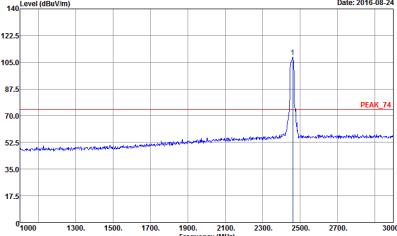
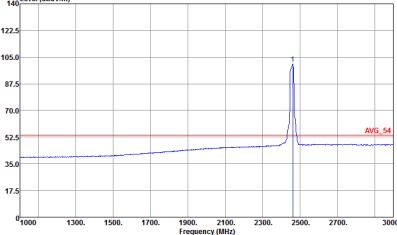


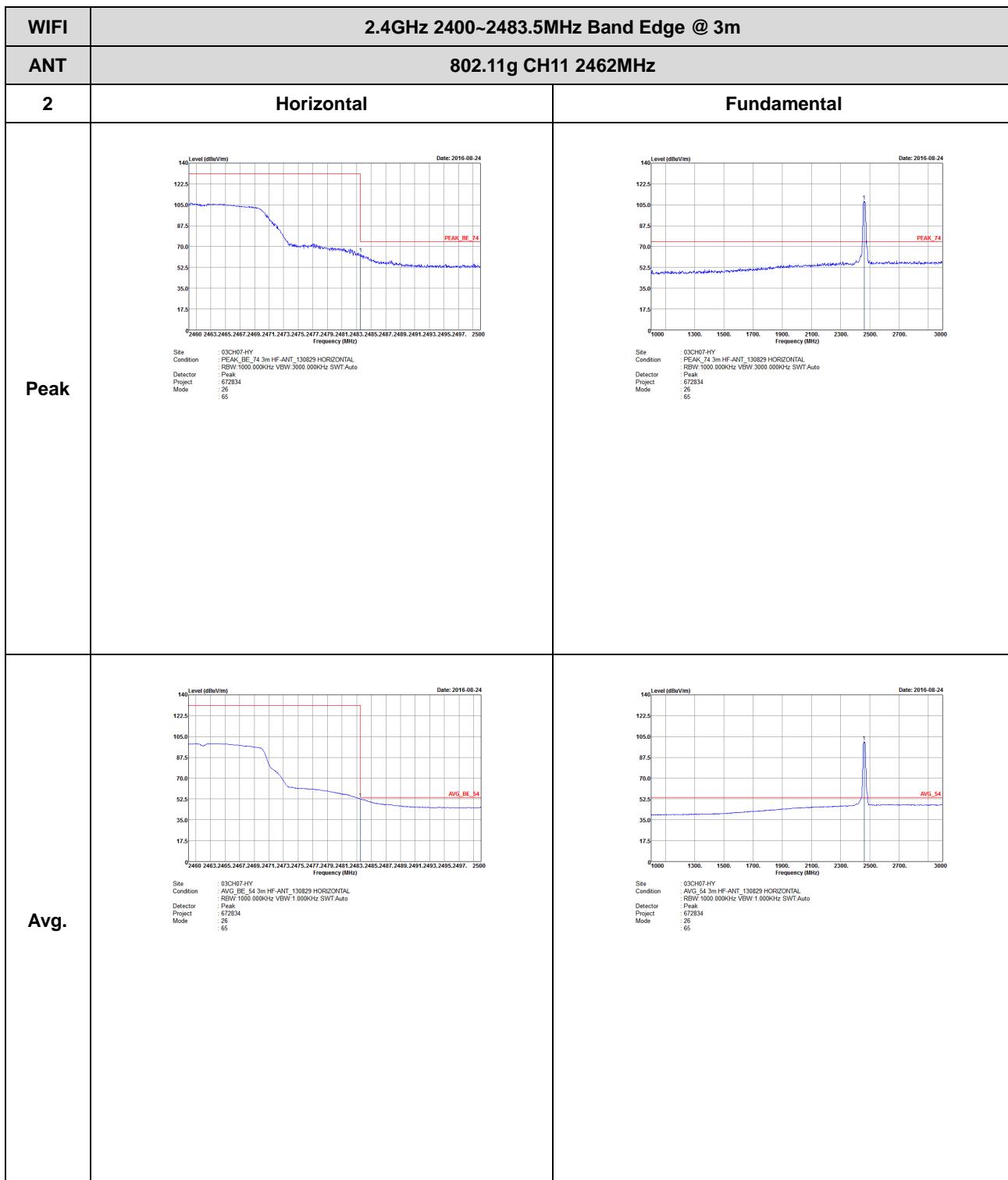
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 672834 Mode: 24	Left Blank
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: 672834 Mode: 24	Left Blank



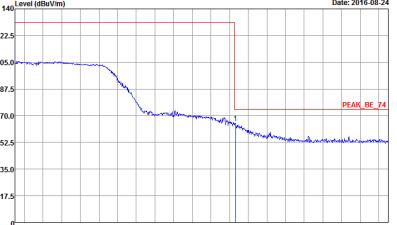
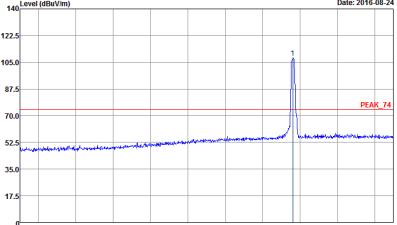
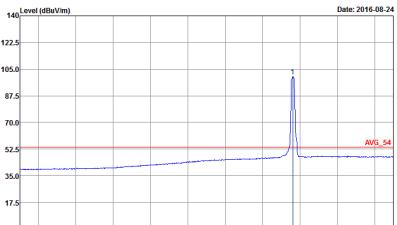
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
2	Horizontal	Fundamental
Peak	 Site Condition Detector Project Mode	 Site Condition Detector Project Mode
Avg.	 Site Condition Detector Project Mode	 Site Condition Detector Project Mode



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
2	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 25</p>	 <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 25</p>
Avg.	 <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 25</p>	 <p>Site Condition : 03CH07-HY AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 25</p>



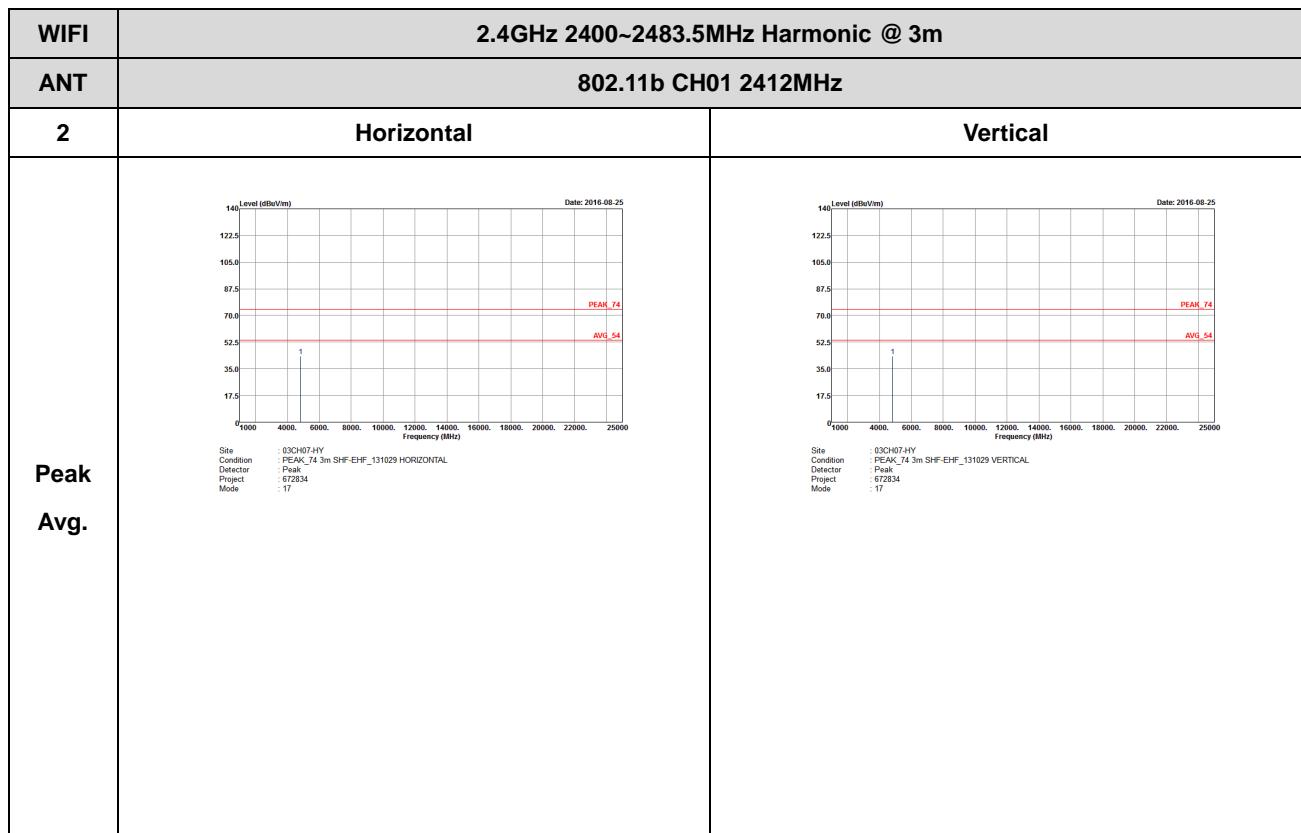


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector: RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Project: 672834 Mode: 26 65</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL Detector: RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Project: 672834 Mode: 26 65</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector: RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Project: 672834 Mode: 26 65</p>	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL Detector: RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Project: 672834 Mode: 26 65</p>



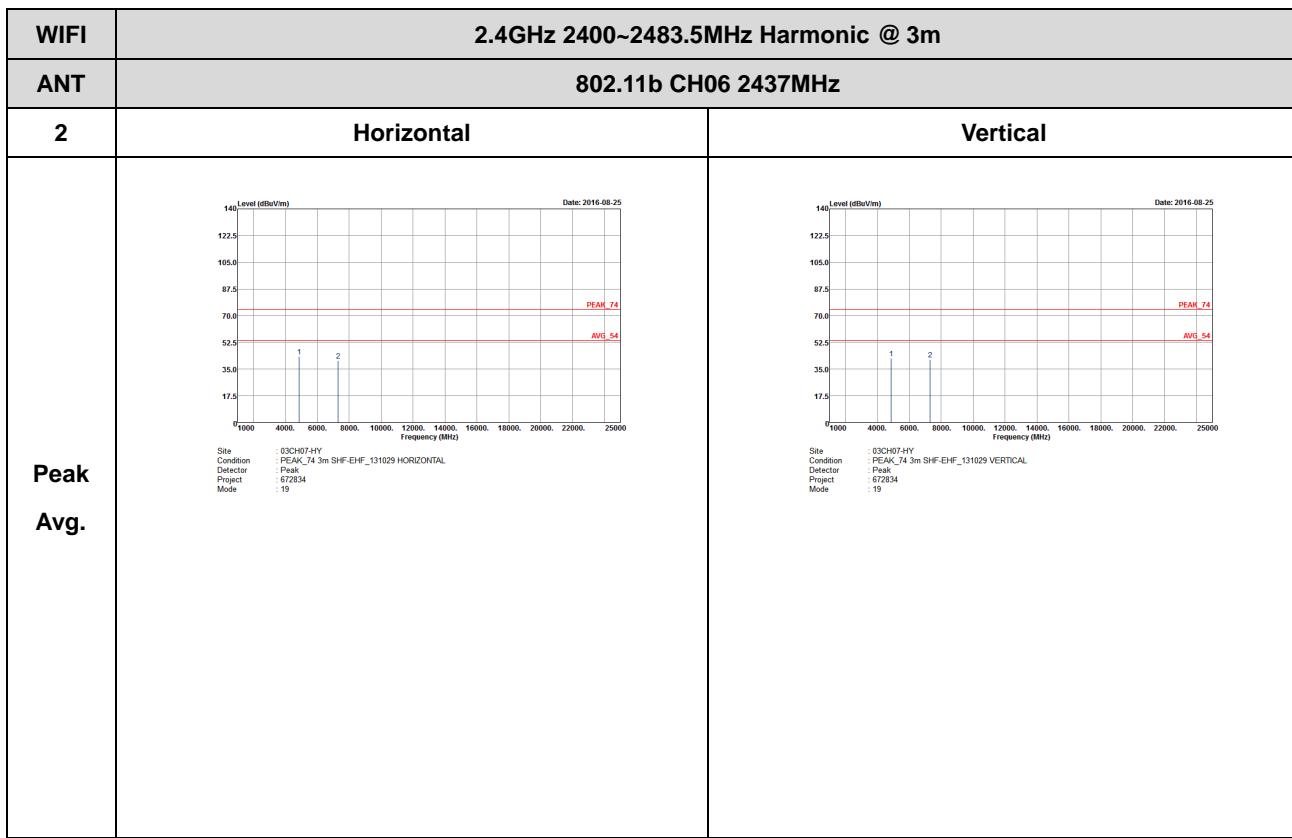
2.4GHz 2400~2483.5MHz

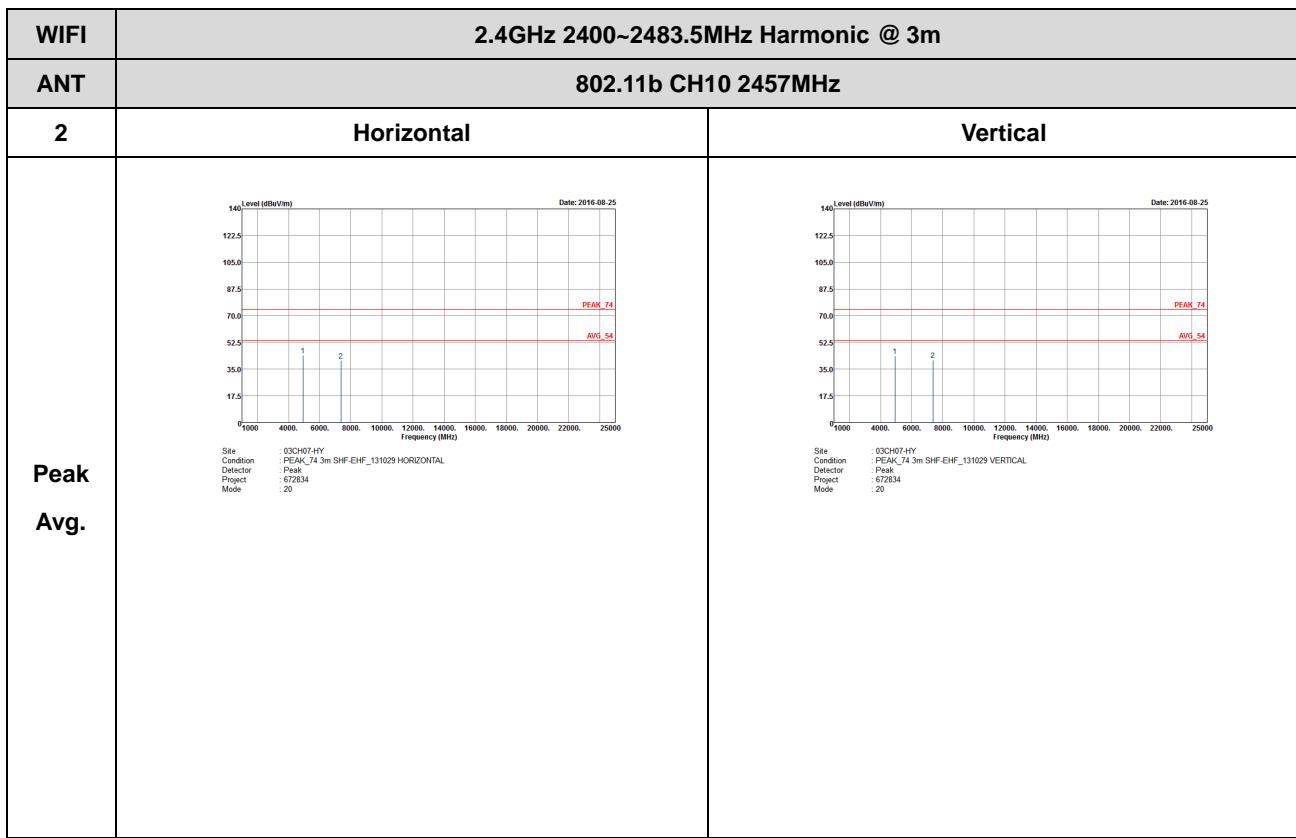
WIFI 802.11b (Harmonic @ 3m)



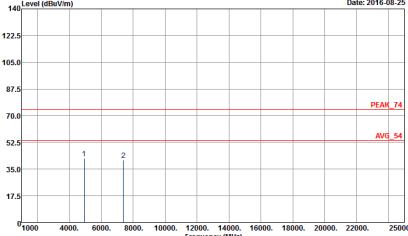
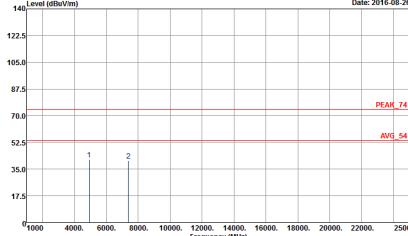


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH02 2417MHz	
2	Horizontal	Vertical
Peak Avg.	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: 19	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: 19





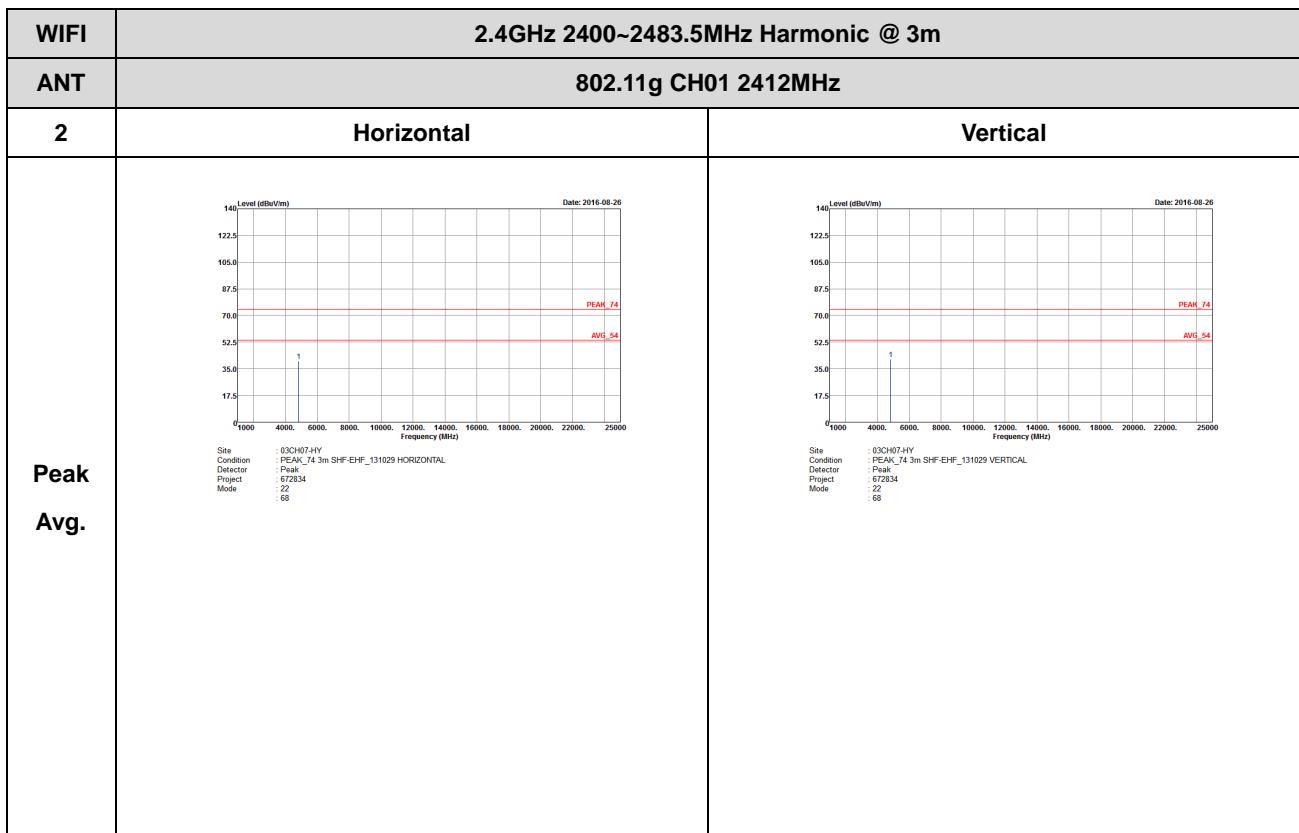


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.	 <p>Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: 21</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: 21</p>



2.4GHz 2400~2483.5MHz

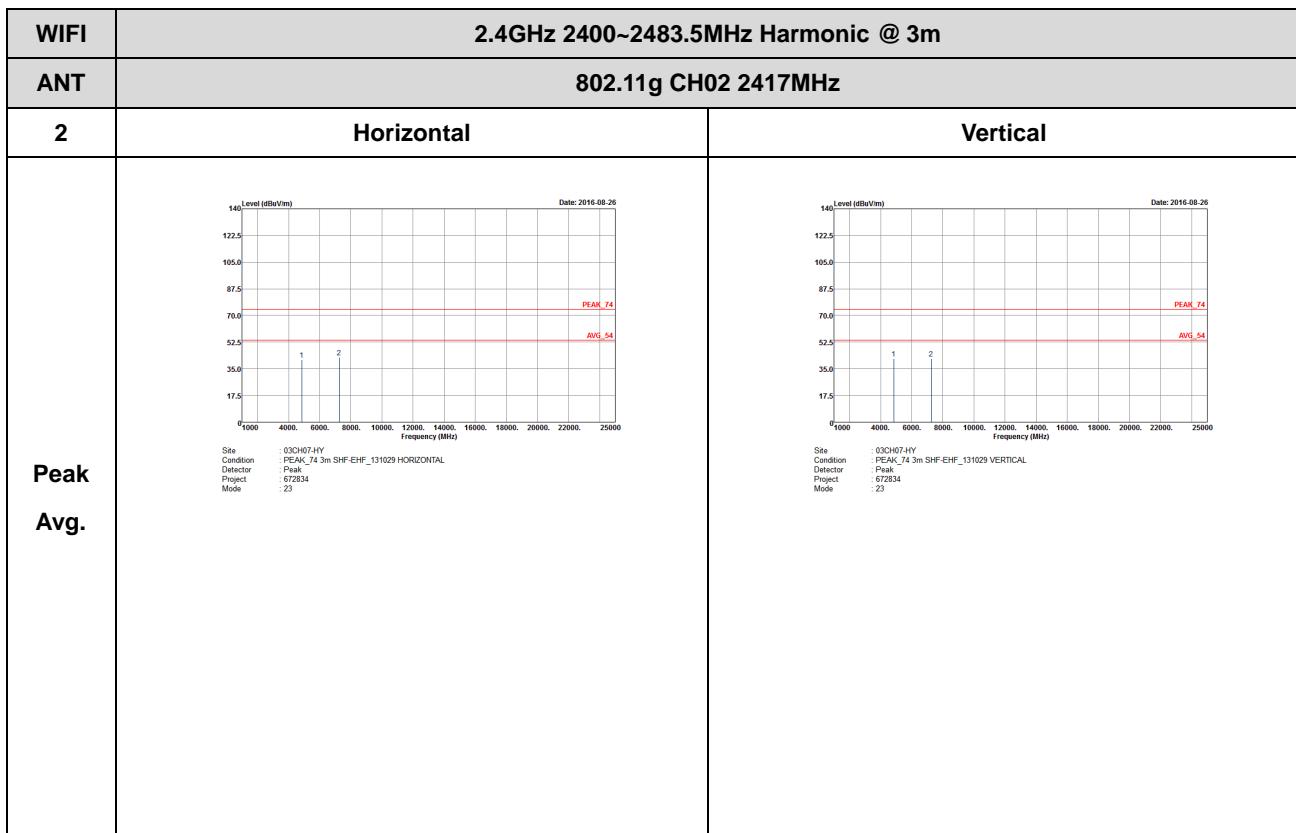
WIFI 802.11g (Harmonic @ 3m)

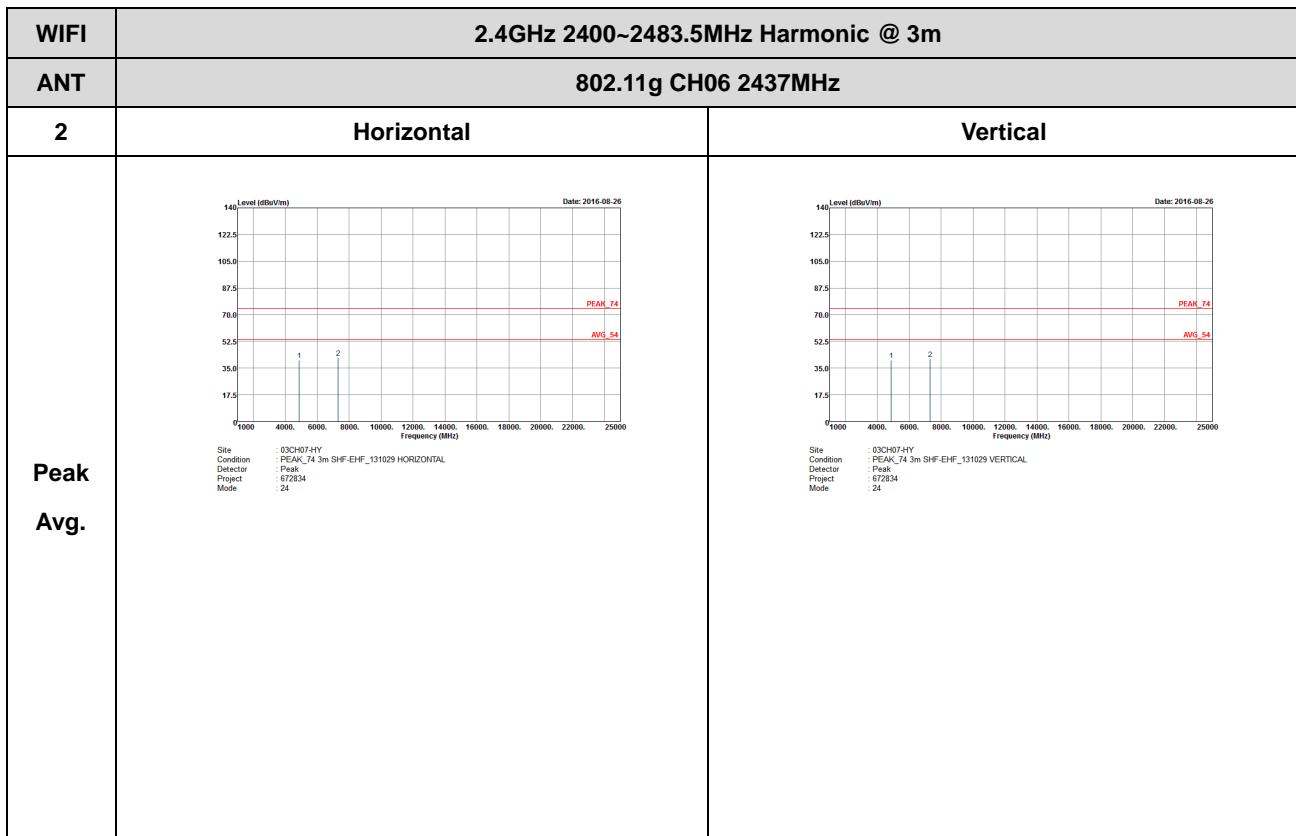




2.4GHz 2400~2483.5MHz

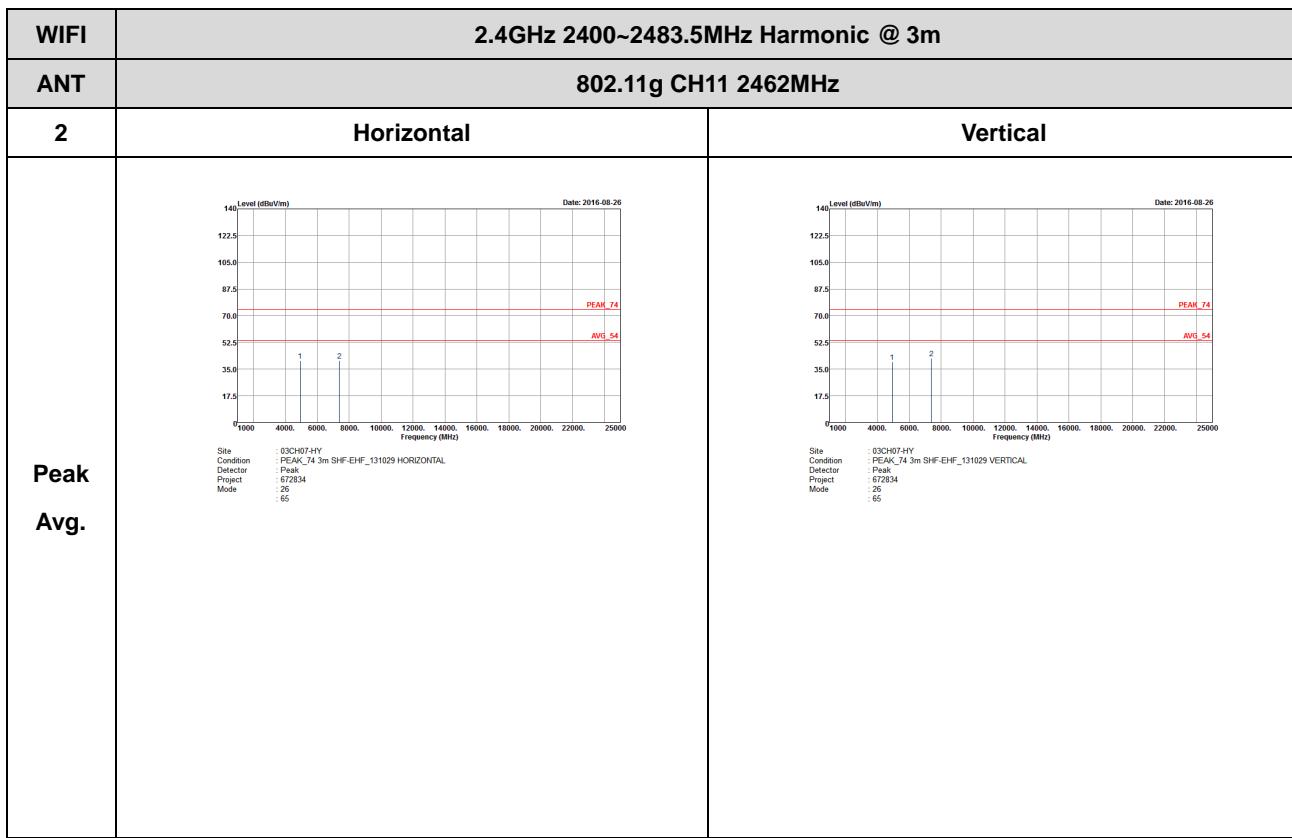
WIFI 802.11g (Harmonic @ 3m)







WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH10 2457MHz	
2	Horizontal	Vertical
Peak Avg.	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 672834 Mode: 25	 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 672834 Mode: 25



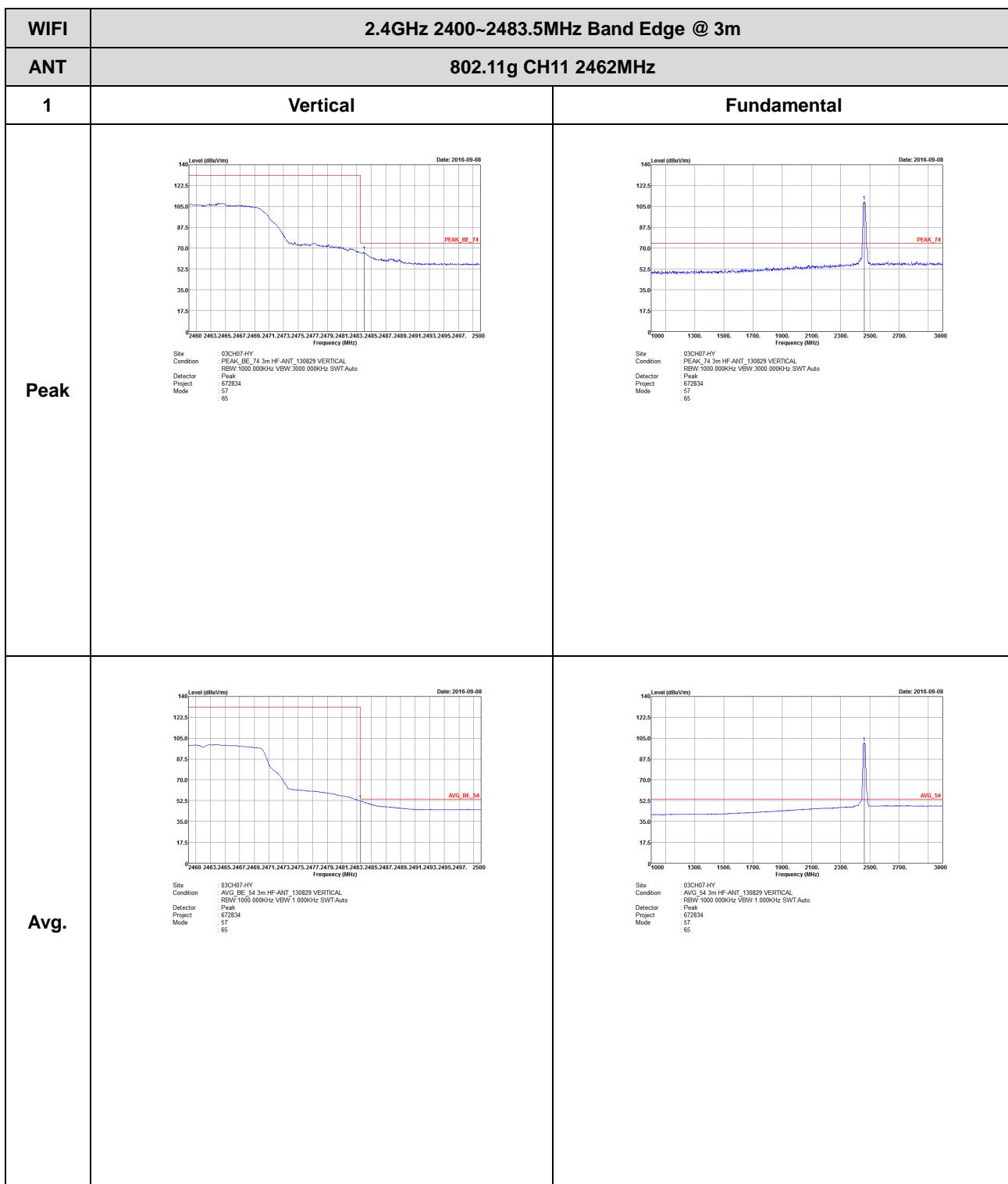


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

(With NB)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Power: 1000_000kHz RBW: 3000_000kHz SW: Auto Detector: Peak Project: 672834 Mode: 57 :65</p>	<p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Power: 1000_000kHz RBW: 3000_000kHz SW: Auto Detector: Peak Project: 672834 Mode: 57 :65</p>
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Power: 1000_000kHz RBW: 1000_000kHz VBW: 1_000kHz SW: Auto Detector: Peak Project: 672834 Mode: 57 :65</p>	<p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL Power: 1000_000kHz RBW: 1000_000kHz VBW: 1_000kHz SW: Auto Detector: Peak Project: 672834 Mode: 57 :65</p>

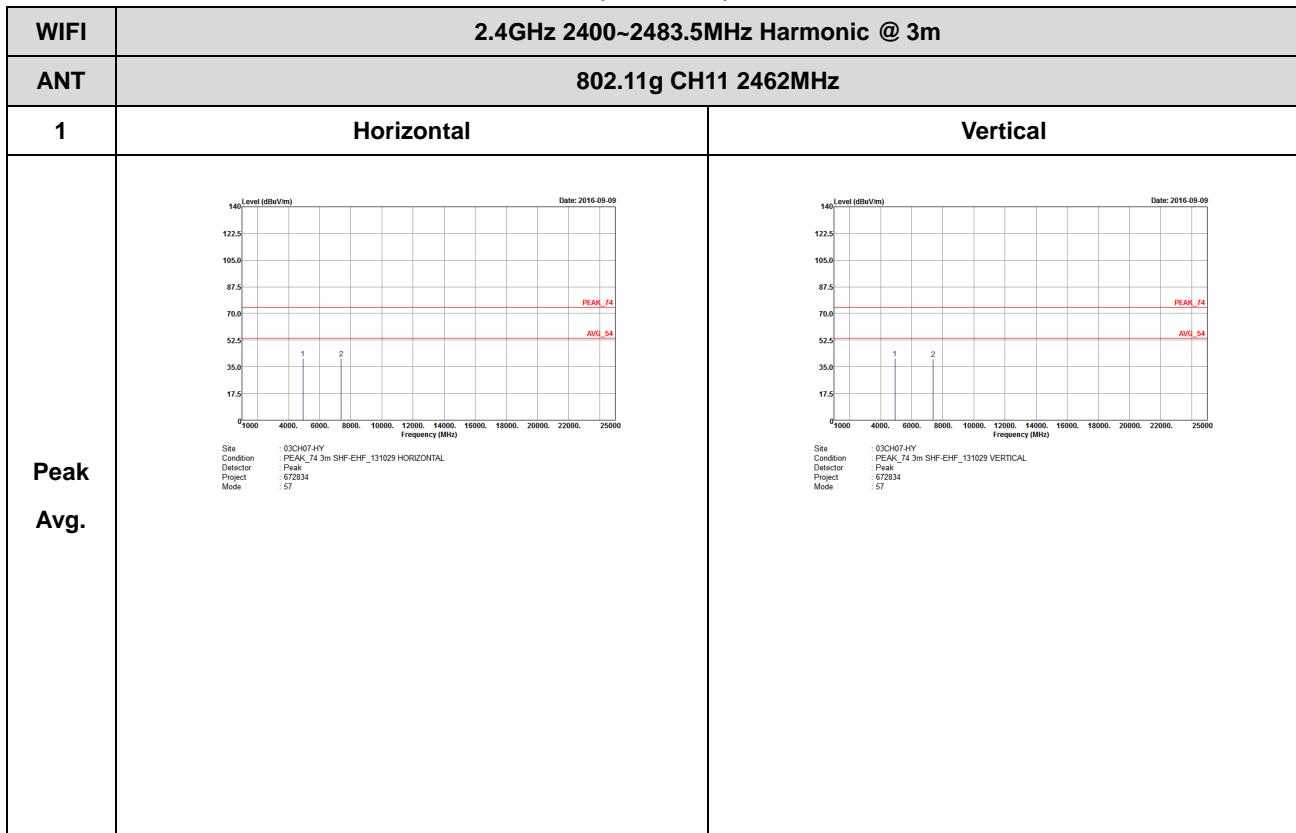




2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

(With NB)



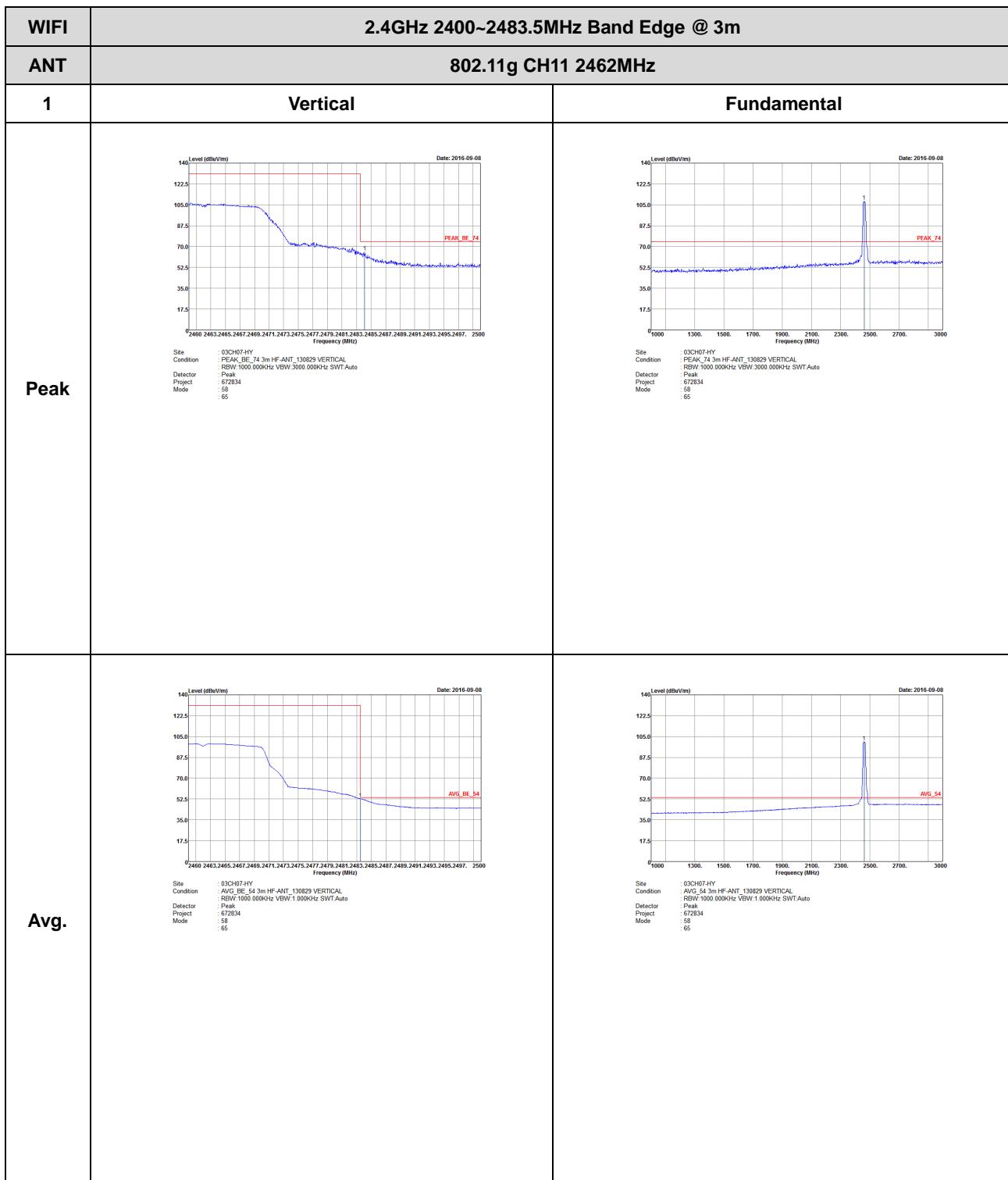


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

(EarPhone2)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Power: 1000.000kHz RBW: 3000.000kHz SWL: Auto Detector: Peak Project: 672834 Mode: 58 : 65 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Power: 1000.000kHz RBW: 3000.000kHz SWL: Auto Detector: Peak Project: 672834 Mode: 58 : 65	
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Power: 1000.000kHz RBW: 1000.000kHz VBW: 1.000kHz SWL: Auto Detector: Peak Project: 672834 Mode: 58 : 65 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL Power: 1000.000kHz RBW: 1000.000kHz VBW: 1.000kHz SWL: Auto Detector: Peak Project: 672834 Mode: 58 : 65	

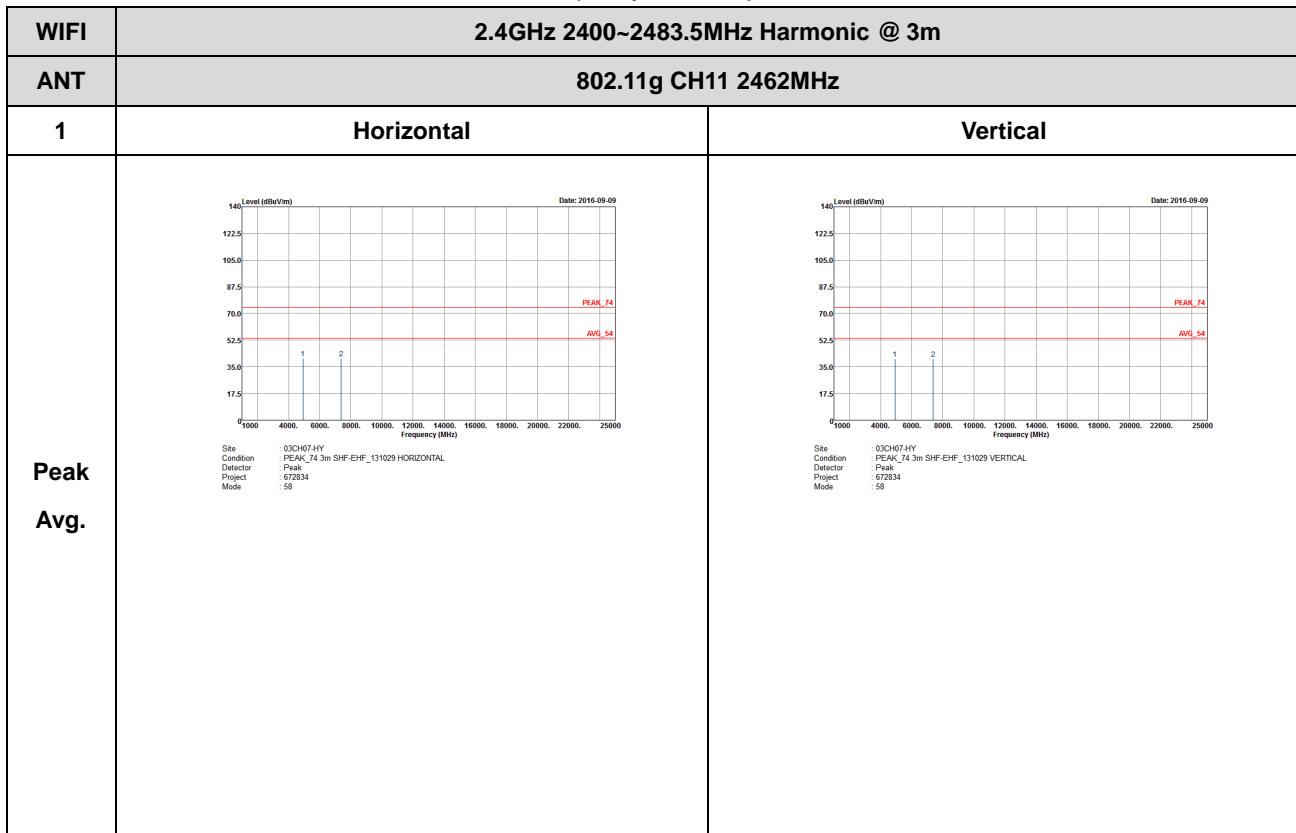




2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

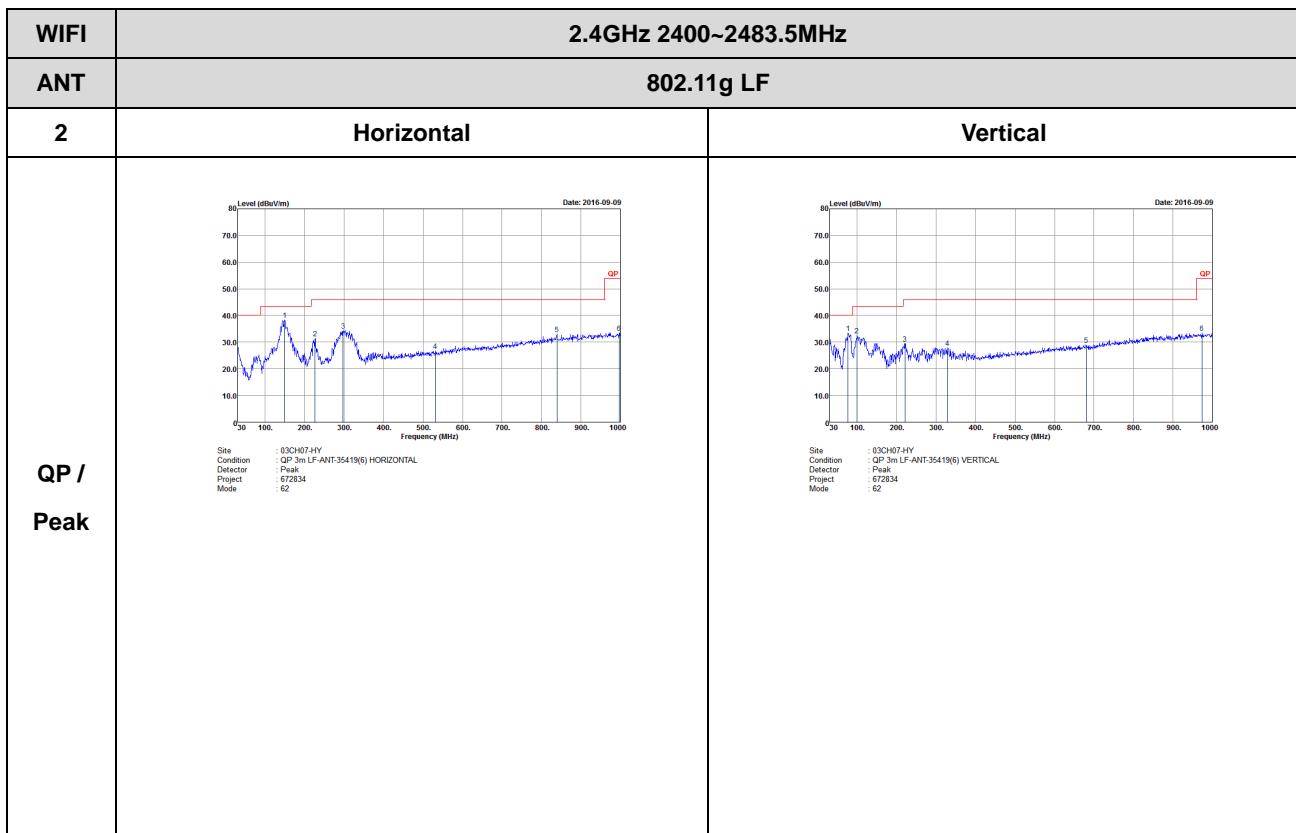
(Earphone 2)





Emission below 1GHz

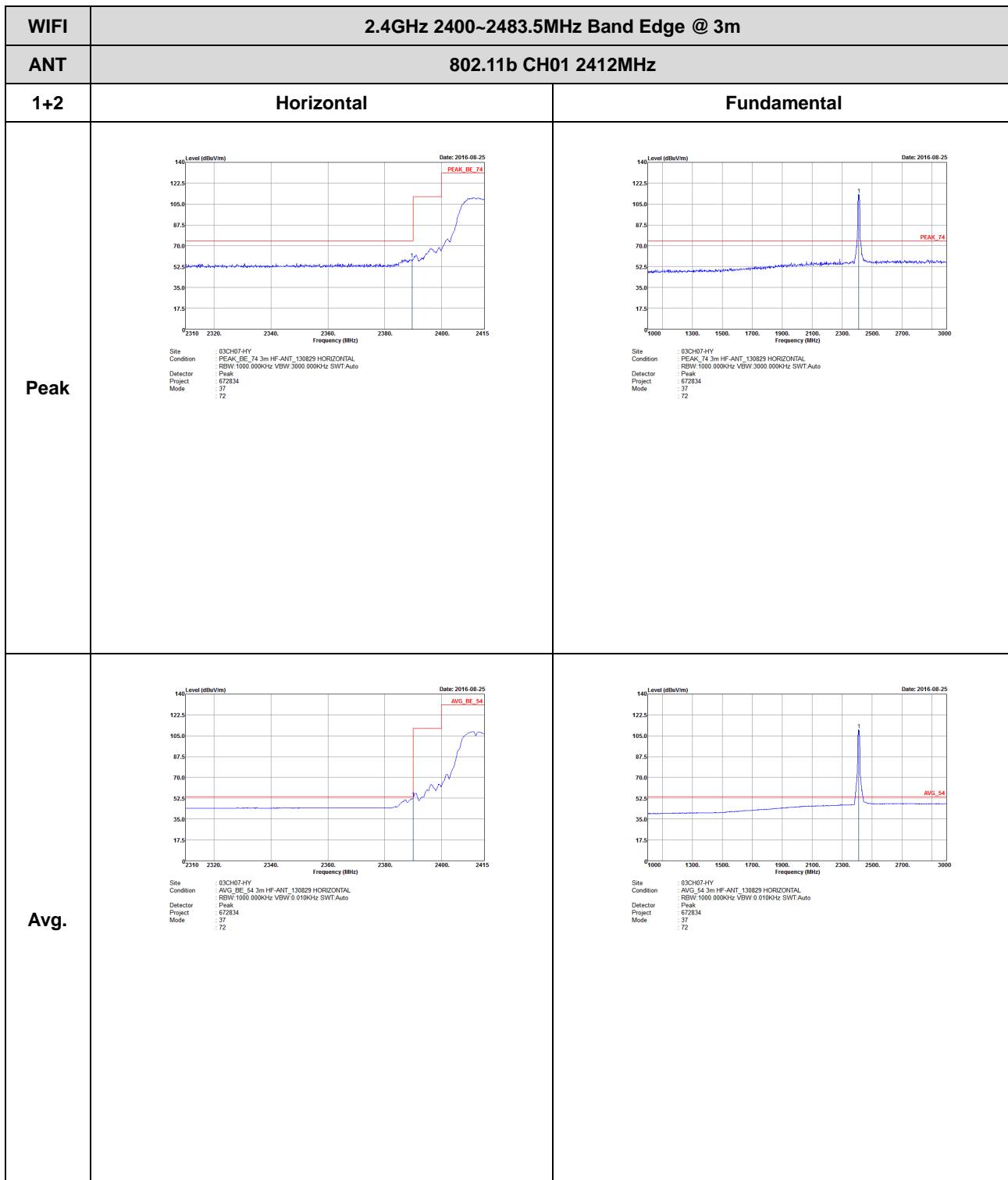
2.4GHz WIFI 802.11g (LF)



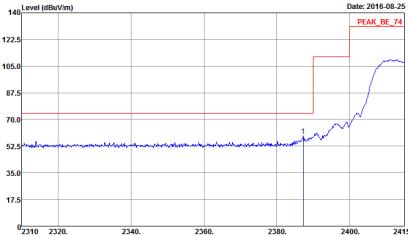
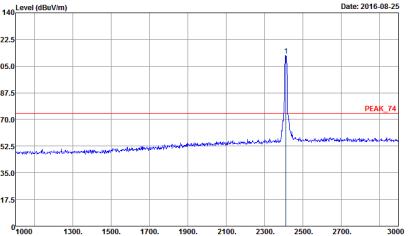
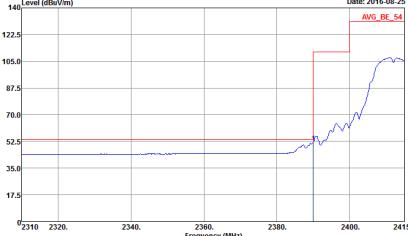
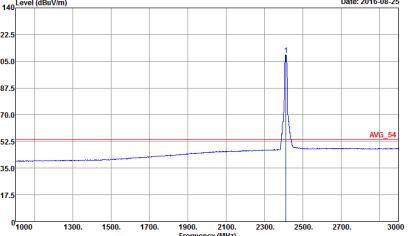


2.4GHz 2400~2483.5MHz

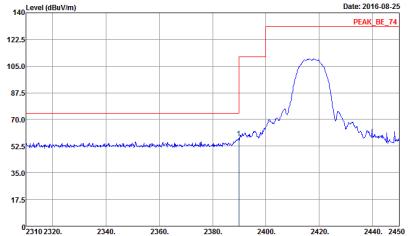
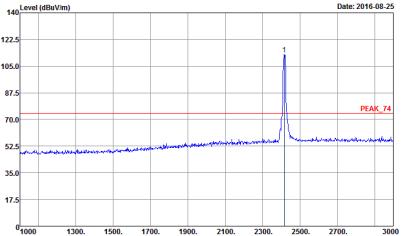
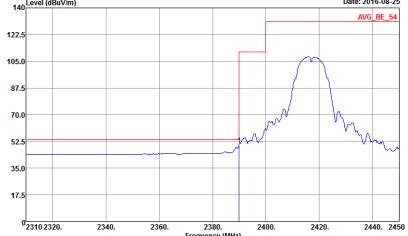
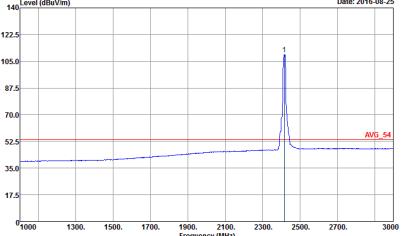
WIFI 802.11b (Band Edge @ 3m)



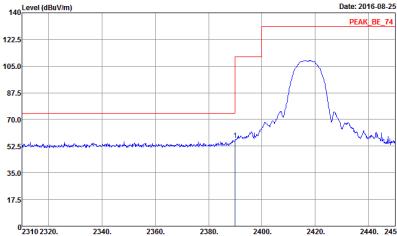
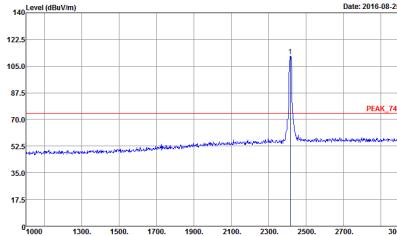
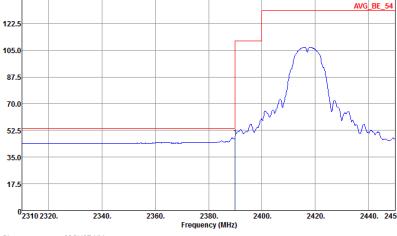
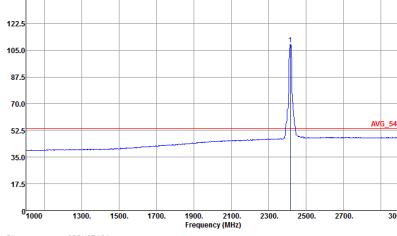


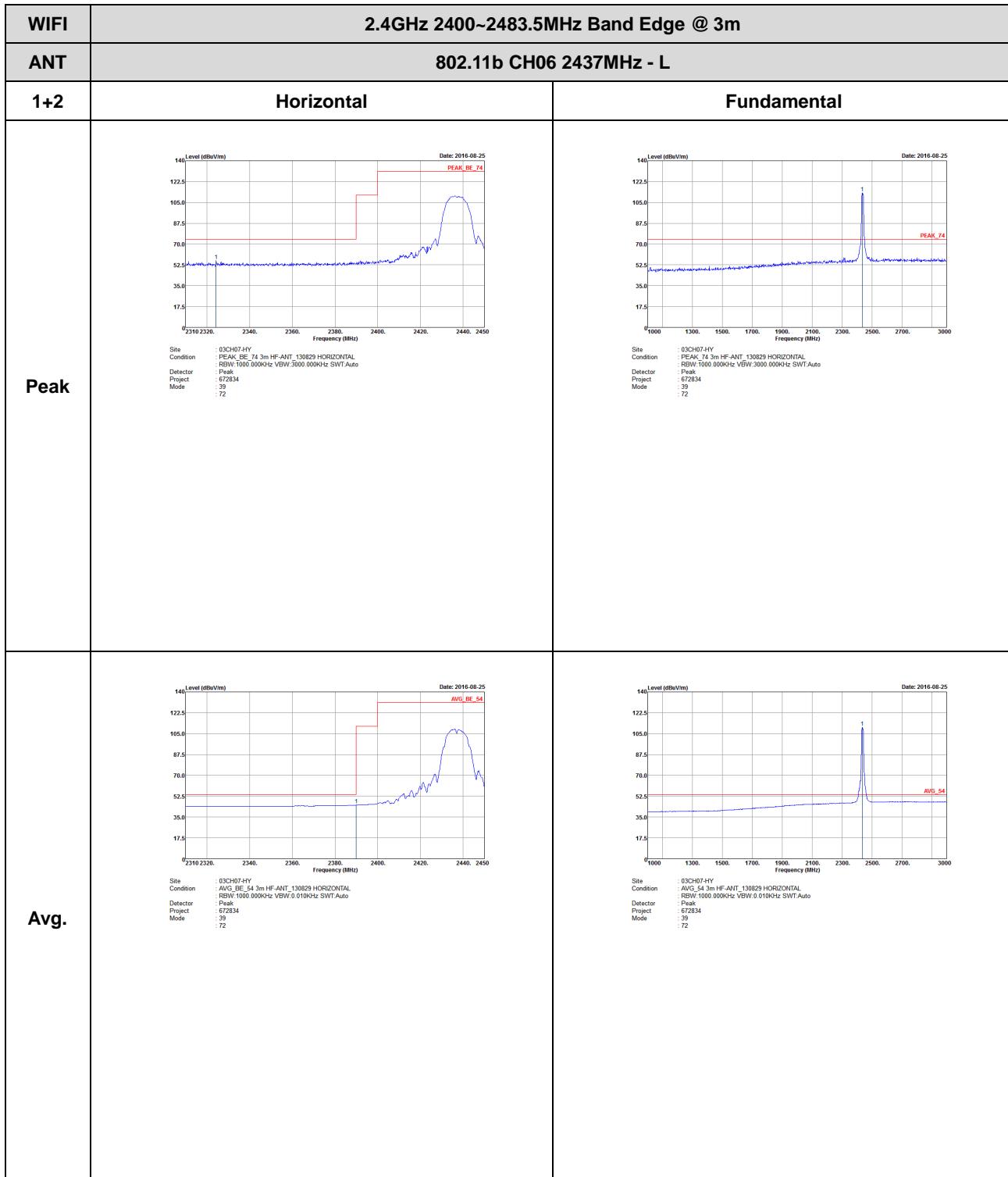
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 37 .:72</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 37 .:72</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 37 .72</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 37 .72</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Peak Horizontal Band Edge test. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red step function indicates the band edge, starting at approximately 70 dBuV/m and rising to about 125 dBuV/m at 2400 MHz. A blue line shows the measured spectrum, which has a prominent peak labeled 'PEAK_BE_74' at 2417 MHz, reaching approximately 125 dBuV/m. Below the graph are the following parameters: Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Peak Fundamental test. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red horizontal line is at approximately 70 dBuV/m. A blue line shows the measured spectrum, which has a single sharp peak labeled '1' at 2417 MHz, reaching approximately 125 dBuV/m. Below the graph are the following parameters: Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>
Avg.	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Avg. Horizontal Band Edge test. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red step function indicates the band edge, starting at approximately 55 dBuV/m and rising to about 125 dBuV/m at 2400 MHz. A blue line shows the measured spectrum, which has a broad peak labeled 'AVG_BE_54' at 2417 MHz, reaching approximately 125 dBuV/m. Below the graph are the following parameters: Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 0.010KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Avg. Fundamental test. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red horizontal line is at approximately 55 dBuV/m. A blue line shows the measured spectrum, which has a single sharp peak labeled '1' at 2417 MHz, reaching approximately 125 dBuV/m. Below the graph are the following parameters: Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 0.010KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 2310 to 2450. A red step function highlights the band edge. A blue line shows the noise floor. The peak is labeled PEAK_BE_74.</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 3000. A sharp blue peak is labeled 1. A red line shows the noise floor. The peak is labeled PEAK_74.</p> <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 2310 to 2450. A red step function highlights the band edge. A blue line shows the noise floor. The peak is labeled AVG_BE_54.</p> <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 0.010KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 3000. A sharp blue peak is labeled 1. A red line shows the noise floor. The peak is labeled AVG_54.</p> <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 38 72</p>



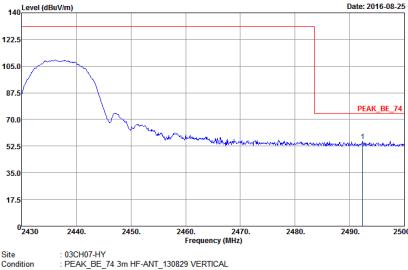
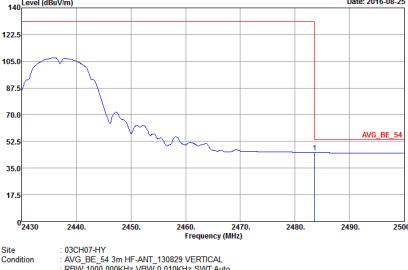


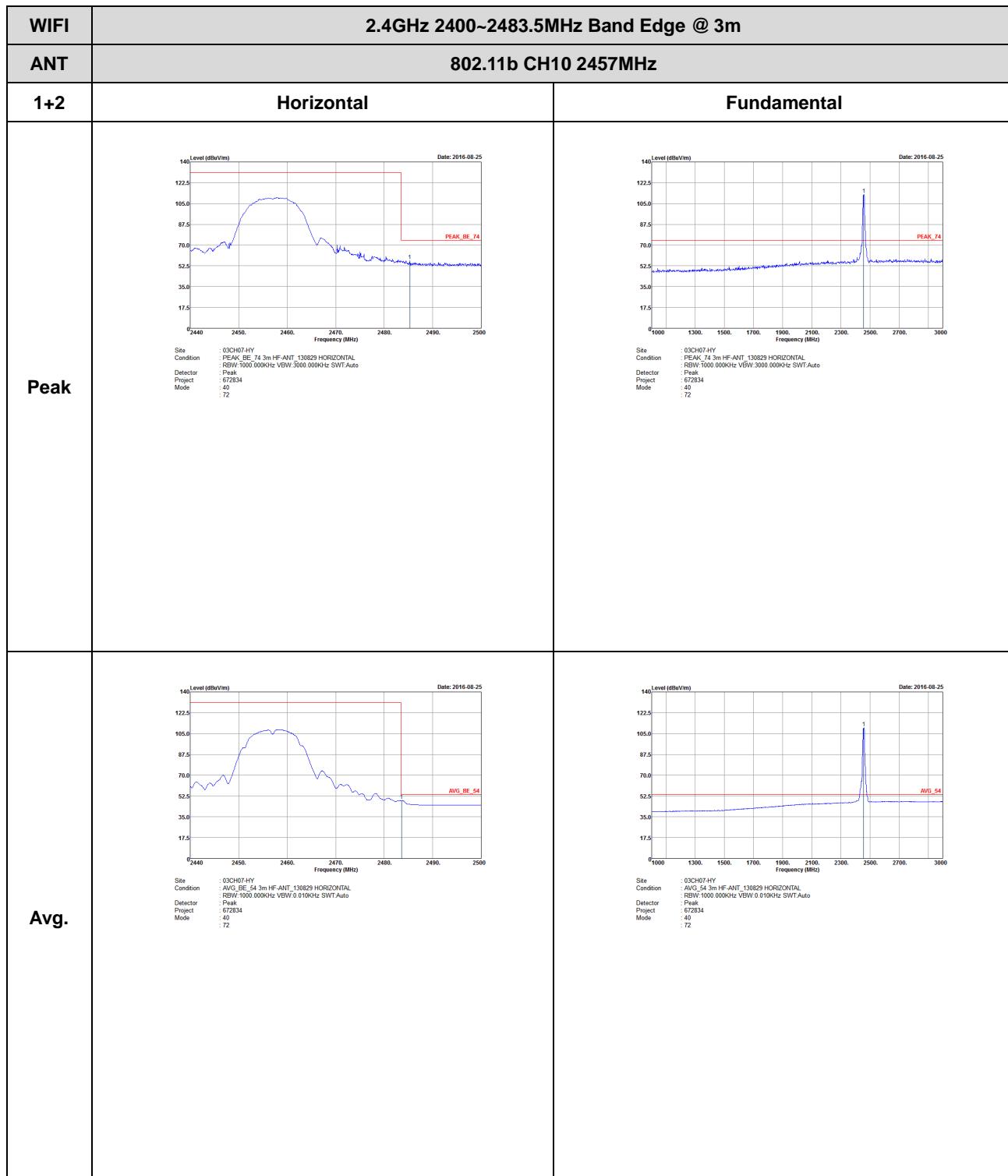
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak: 105.0 Project: 672834 Mode: 39 T2</p>	Left blank
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak: 105.0 Project: 672834 Mode: 39 T2</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 39 .:72</p>	<p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 39 .:72</p>
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 39 .72</p>	<p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 39 .72</p>



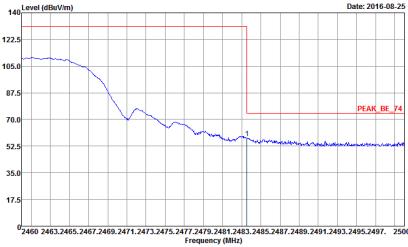
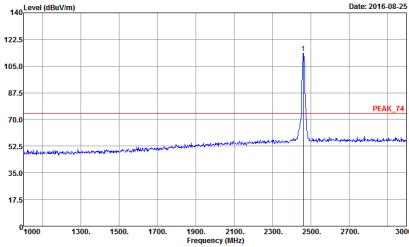
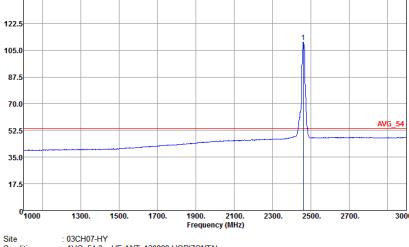
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBuV/m)</p> <p>Date: 2016-08-25</p> <p>Site: 03CH07-HY</p> <p>Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL</p> <p>RBW: 1000.000KHz VBW: 3000.000KHz SWF: Auto</p> <p>Detector: Peak</p> <p>Project: 672834</p> <p>Mode: 39 .72</p>	Left blank
Avg.	 <p>Level (dBuV/m)</p> <p>Date: 2016-08-25</p> <p>Site: 03CH07-HY</p> <p>Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL</p> <p>RBW: 1000.000KHz VBW: 0.010KHz SWF: Auto</p> <p>Detector: Peak</p> <p>Project: 672834</p> <p>Mode: 39 .72</p>	Left blank



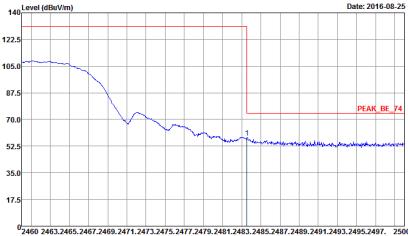
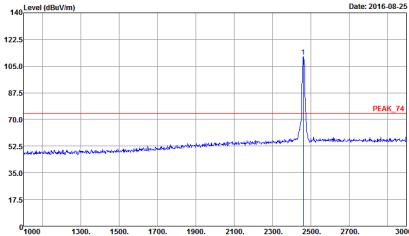
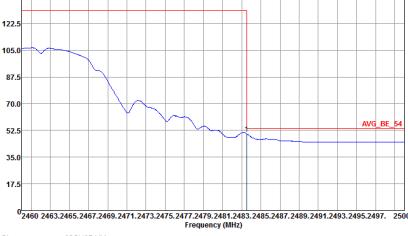
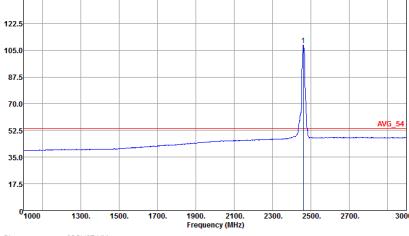


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
1+2	Vertical	Fundamental
Peak	 Site: 03CH07.HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 40 72	 Site: 03CH07.HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 40 72
Avg.	 Site: 03CH07.HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 0.010KHz SWT:Auto Detector: Peak Project: 672834 Mode: 40 72	 Site: 03CH07.HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 0.010KHz SWT:Auto Detector: Peak Project: 672834 Mode: 40 72



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>



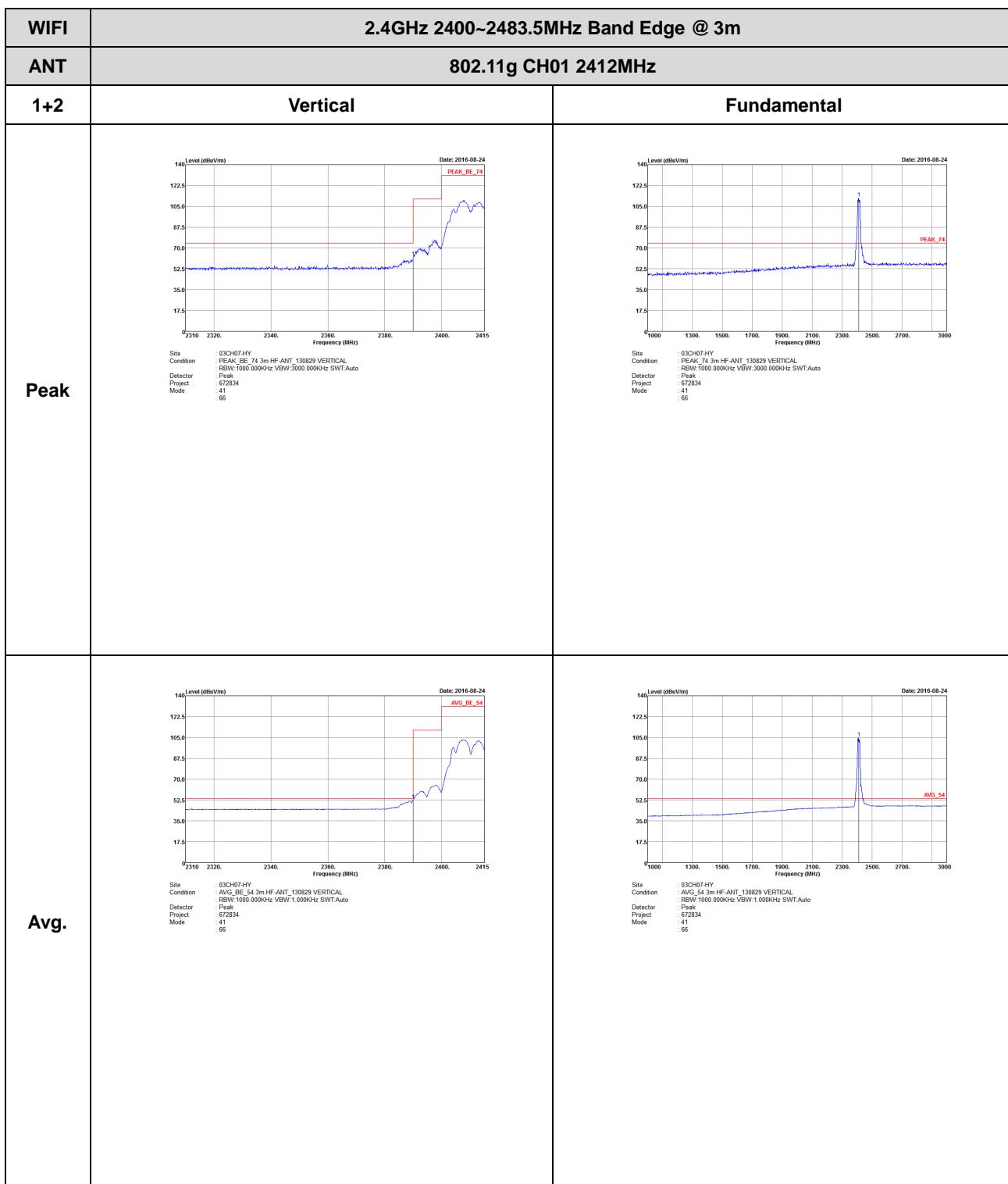
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW 3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW 3000.000KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW 0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW 0.010KHz SWT:Auto Detector : Peak Project : 672834 Mode : 41 : 72</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

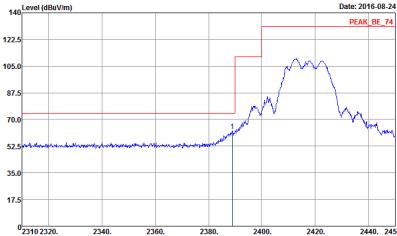
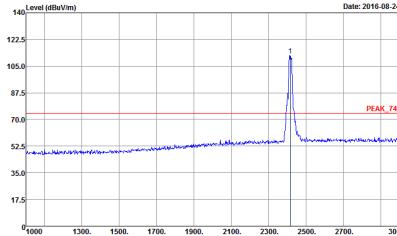
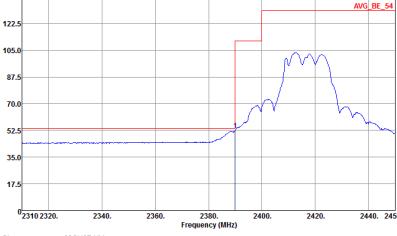
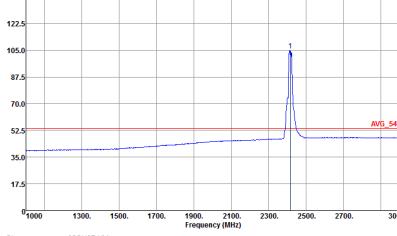
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000.000kHz VBW 3000.000kHz SWT:Auto Project: 672834 Mode: 41 66	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000.000kHz VBW 3000.000kHz SWT:Auto Project: 672834 Mode: 41 66
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000.000kHz VBW 1.000kHz SWT:Auto Project: 672834 Mode: 41 66	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000.000kHz VBW 1.000kHz SWT:Auto Project: 672834 Mode: 41 66





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-24</p> <p>PEAK_BE_74</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>	<p>Level (dBm/V/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-24</p> <p>PEAK_74</p> <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>
Avg.	<p>Level (dBm/V/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-24</p> <p>AVG_BE_54</p> <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>	<p>Level (dBm/V/m)</p> <p>Frequency (MHz)</p> <p>Date: 2016-08-24</p> <p>AVG_54</p> <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1+2	Vertical	Fundamental
Peak	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Peak Vertical Band Edge measurement. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red step function highlights the band edge, and a blue line shows the noise floor. A sharp peak is labeled 'PEAK_BE_74' at approximately 2417 MHz.</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Peak Fundamental measurement. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red step function highlights the fundamental, and a blue line shows the noise floor. A sharp peak is labeled 'PEAK_74' at approximately 2417 MHz.</p> <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>
Avg.	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Avg. Vertical Band Edge measurement. The x-axis ranges from 2310 to 2450 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red step function highlights the band edge, and a blue line shows the noise floor. A broad peak is labeled 'AVG_BE_54' at approximately 2417 MHz.</p> <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>	 <p>Graph showing Level (dBuV/m) vs Frequency (MHz) for the Avg. Fundamental measurement. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 0 to 140 dBuV/m. A red step function highlights the fundamental, and a blue line shows the noise floor. A sharp peak is labeled 'AVG_54' at approximately 2417 MHz.</p> <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 672834 Mode: 43</p>