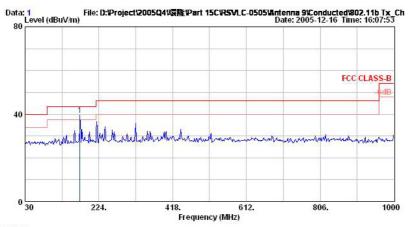
Conducted Spurious Emission for Antenna 9



: 03CH06-HY

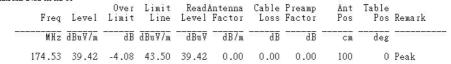
Condition EUT 802.11a/b/g WLAN Radio Port-220/230

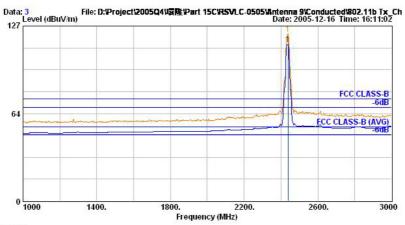
Power Model 120Vac/60Hz FR5O2016

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802.11b TX CH0 2437MHz

Power Setting 157 Antenna ML-2452-APA2-01





: 03CH06-HY

Condition EUT 802.11a/b/g WLAN Radio Port-220/230

Power Model 120Vac/60Hz

FR5O2016 802.11b TX CH0 2437MHz Memo

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor					
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	$\overline{d}\overline{B}$	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	-dBuV	$-\overline{dB/m}$	$-\overline{d}\overline{B}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	cm	deg	
2438.00	113.92	59.92	54.00	113.92	0.00	0.00	0.00	100	0	Average

Data: 2 File: D:\Project\2005Q4\環隆\Part 15C\RS\VLC-0505\Antenna 9\Conducted\802.11b Tx_Ch06.EMI Date: 2005-12-16 Time: 16:09:49

Site Condition

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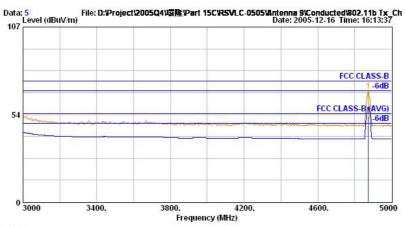
EUT 802.11a/b/g WLAN Radio Port-220/230

120Vac/60Hz Model

: FR5O2016 : 802.11b TX CH0 2437MHz

: Power Setting 157 : Antenna ML-2452-APA2-01

		0ver			Antenna				Table	
Fre	q Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
MH	z dBuV/m	dB	$\overline{dBuV/m}$	dBuV	dB/m	dB	dB		deg	
2438 0	0 121.47	47.47	74.00	121.47	0.00	0.00	0.00	100	0	Peak



EUT

802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

FR5O2016 802.11b TX CH0 2437MHz

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read. Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	$\overline{d}\overline{B}$	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	dBuV	$-\overline{dB/m}$	$\overline{d}\overline{B}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	cm	deg	2202020202020202020202020202020202020202
4874.00	52.37	-1.63	54.00	52.37	0.00	0.00	0.00	100	0	Average

Data: 4 File: D:\Project\2005Q4\環隆\Part 15C\RSVLC-0505\Antenna 9\Conducted\802.11b Tx_Ch06.EMI Date: 2005-12-16 Time: 16:12:16 Site : 03CH06-HY

Site Condition

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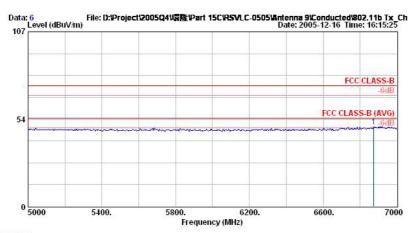
802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz EUT

Power Model

: FR5O2016 : 802.11b TX CH0 2437MHz Memo

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor				Table Pos	Remark
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	<u>dB</u>	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	$-\overline{dBuV}$	$-\overline{dB/m}$	<u>dB</u>	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$		deg	
4874 00	68 10	-5 QN	74 00	68 10	0.00	0.00	0.00	100	0	Poak



: 03CH06-HY Site

Condition EUT

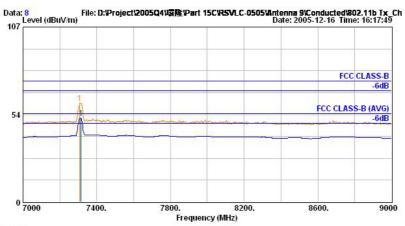
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802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

: FRSO2016 : 802.11b TX CH0 2437MHz : Power Setting 157 : Antenna ML-2452-APA2-01

	Freq	Level				Antenna Factor			Ant Pos	Table Pos	Remark	
2202020202	MHz	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	\overline{dB}	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	—dBu∀	$-\overline{dB/m}$	−−−−dB	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	cm	deg	92020202020202020202	
687	4.00	48.94	-25.06	74.00	48.94	0.00	0.00	0.00	100	0	Peak	



EUT

802.11a/b/g WLAN Radio Port-220/230

Power Model Memo 120Vac/60Hz

FR5O2016 802.11b TX CH0 2437MHz

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor				Table Pos	Remark
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	$-\overline{d}\overline{B}$	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	dBuV	<u>dB/m</u>	$-\overline{d}\overline{B}$	$\overline{d}\overline{B}$	cm	deg	
7314.00	51.45	-2.55	54.00	51.45	0.00	0.00	0.00	100	Û	Average

Data: 7 File: D:\Project\2005Q4\環隆\Part 15C\RS\VLC-0505\Antenna 9\Conducted\802.11b Tx_Ch06.EMI Date: 2005-12-16 Time: 16:16:30 Site : 03CH06-HY

Site Condition

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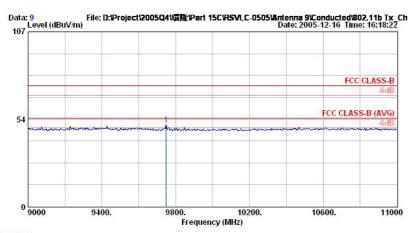
: 802.11a/b/g WLAN Radio Port-220/230 : 120Vac/60Hz EUT

Power Model

: FR5O2016 : 802.11b TX CH0 2437MHz Memo

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor				Table Pos	Remark
M H 2	dBuV/m	−−−−dB	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	dBu∀	$-\overline{dB/m}$	\overline{dB}	\overline{dB}	cm	deg	
7308.00	60.37	-13.63	74.00	60.37	0.00	0.00	0.00	100	0	Peak



: 03CH06-HY Site

Condition EUT

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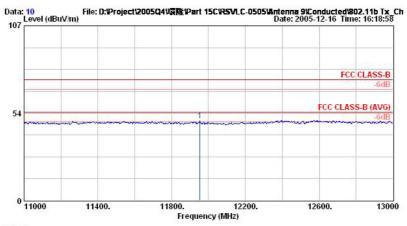
802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

: FRSO2016 : 802.11b TX CH0 2437MHz

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read <i>l</i> Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	<u>dB</u>	$\overline{d}\overline{B}\overline{u}\overline{V}7\overline{m}$	dBu V	$-\overline{dB/m}$	<u>dB</u>	\overline{dB}	cm	deg	02/02/02/02/02/02/02/02/02/02/02/02/02/0
9748.00	50.20	-23.80	74.00	50.20	0.00	0.00	0.00	100	0	Peak



1

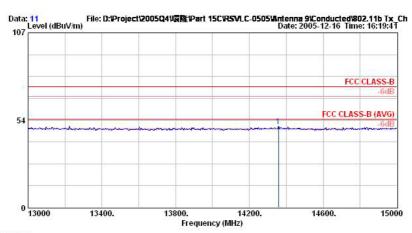
802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

FR502016 802.11b TX CH0 2437MHz

Power Setting 157 Antenna ML-2452-APA2-01

Over Limit ReadAntenna Cable Preamp Freq Level Limit Line Level Factor Loss Factor Table Pos Remark Ant Pos MHz dBuV/m dB dBuV/m dBuV dB/m dB dB deg cm 11954.00 49.12 -24.88 74.00 49.12 0.00 0.00 0.00 100 0 Peak



Site Condition EUT : 03CH06-HY

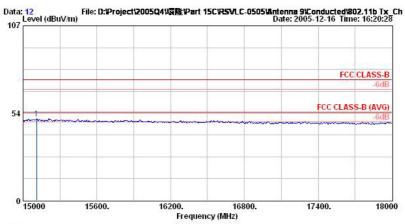
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802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz FRSO2016

Power Model

802.11b TX CH0 2437MHz Power Setting 157 Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read. Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	\overline{dBuV}	$-\overline{dB/m}$	\overline{dB}	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	cm	deg	92020202020202020202V
14358.00	49.88	-24.12	74.00	49.88	0.00	0.00	0.00	100	0	Peak



: 03CH06-HY

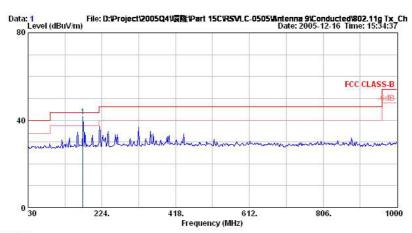
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802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz FRSO2016 802.11b TX CHO 2437MHz

Site Condition EUT Power Model Memo

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level		Limit Line						Table Pos	Remark
MHz	$\overline{\mathtt{dBuV/m}}$	\overline{dB}	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	dBuV	dB/m	<u>dB</u>	$\overline{-}\overline{d}\overline{B}$	cm	deg	N202020202020202020202
15111.00	50.13	-23.87	74.00	50.13	0.00	0.00	0.00	100	0	Peak



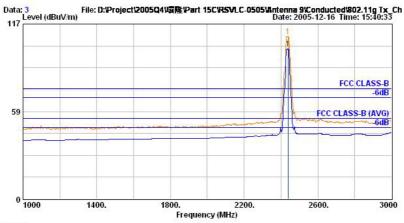
: 03CH06-HY

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Site Condition EUT Power Model

802.11a/b/g WLAN Radio Port-220/230 120Vac/60ffz FRS02016 802.11g TX CH06 2437MHz Power Setting 120 Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read. Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}7\overline{m}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	\overline{dBuV}	$-\overline{dB/m}$	\overline{dB}	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	cm	deg	92020202020202020202V
174.53	41.57	-1.93	43.50	41.57	0.00	0.00	0.00	100	0	Peak



EUT

802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

FR502016 802.11g TX CH06 2437MHz : Power Setting 120 : Antenna ML-2452-APA2-01

Over Limit ReadAntenna Cable Preamp Freq Level Limit Line Level Factor Loss Factor Ant Table Pos Pos Remark deg MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm 2438.00 100.51 46.51 54.00 100.51 0.00 0.00 0.00 0 Average 100

Site Condition

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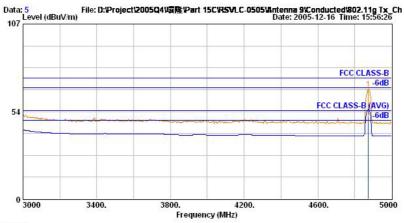
: 802.11a/b/g WLAN Radio Port-220/230 : 120Vac/60Hz EUT

Power Model

: FRSO2016 : 802.11g TX CH06 2437MHz Memo

: Power Setting 120 : Antenna ML-2452-APA2-01

	Freq	Level						Preamp Factor			Remark
	MHz	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}/\overline{\mathtt{m}}$	$ \overline{d}\overline{B}$	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	$\overline{-dBuV}$	$-\overline{dB/m}$	<u>dB</u>	\overline{dB}	cm	deg	
1 @	2438.00	108.88	34.88	74.00	108.88	0.00	0.00	0.00	100	0	Peak



EUT

802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

FRSO2016 802.11g TX CH06 2437MHz

: Power Setting 120 : Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read <i>l</i> Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
<u>M</u> Hz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	dB	$\overline{d}\overline{B}\overline{u}\overline{V}/\overline{m}$	dBuV	<u>dB/m</u>	dB	$\overline{} \overline{d} \overline{B}$	cm	deg	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
4874.00	50.12	-3.88	54.00	50.12	0.00	0.00	0.00	100	0	Average

Data: 4 File: D:\Project\2005Q4環隆\Part 15C\RS\VLC-0505\Antenna 9\Conducted\802.11g Tx_Ch06.EMI Date: 2005-12-16 Time: 15:53:38
Site : 03CH06-HY

Site Condition

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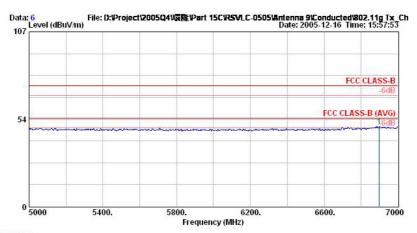
802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz EUT

Power Model

: FRSO2016 : 802.11g TX CH06 2437MHz Memo

: Power Setting 120 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor				Table Pos	Remark
MHz	$\overline{\mathtt{d} \mathtt{B} \mathtt{u} \mathtt{V} /m}$	<u>dB</u>	$\overline{\mathtt{d} B \mathtt{u} \mathtt{V} / \mathtt{m}}$	$-\frac{1}{dBuV}$	$-d\overline{B}/m$	<u>dB</u>	<u>dB</u>		deg	
4874 00	67 40	-6 60	74 00	67 40	0.00	0.00	0.00	100	0	Poak



: 03CH06-HY Site

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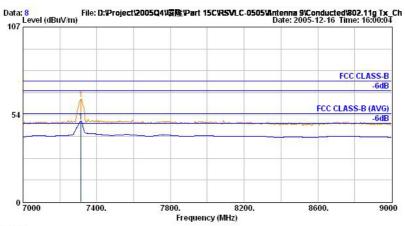
Condition EUT 802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz

Power Model Memo

: FRSO2016 : 802.11g TX CH06 2437MHz

: Power Setting 120 : Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read <i>i</i> Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark	
MHz	$\overline{\mathtt{dBuV/m}}$	\overline{dB}	$\overline{\mathtt{dBuV/m}}$	dBu V	$\overline{dB/m}$	<u>dB</u>	$\overline{-}\overline{d}\overline{B}$	cm	deg	0200200200200200200200200	
6898.00	49.00	-25.00	74.00	49.00	0.00	0.00	0.00	100	0	Peak	



: 03CH06-HY

Condition EUT

802.11a/b/g WLAN Radio Port-220/230

120Vac/60Hz

Power Model

FR502016 802.11g TX CH06 2437MHz Memo

: Power Setting 120 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor					
MHz	$\overline{\mathtt{d} B \mathtt{u} \mathtt{V} / \mathtt{m}}$	dB	$\overline{d}\overline{B}\overline{u}\overline{V}/\overline{m}$	dBuV	$-\overline{dB/m}$	\overline{dB}	$\overline{} \overline{d} \overline{B}$	cm	deg	2202020202020202020202020202020202020202
7314.00	49.46	-4.54	54.00	49.46	0.00	0.00	0.00	100	0	Average

Data: 7 File: D:\Project\2005Q4\環隆\Part 15C\RS\VLC-0505\Antenna 9\Conducted\802.11gTx_Ch06.EMI Date: 2005-12-16 Time: 15:58:34 Site : 03CH06-HY

Site Condition

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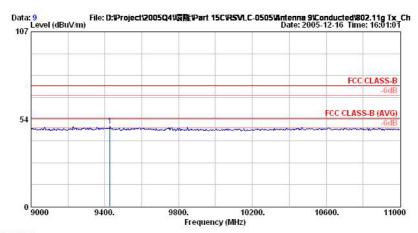
: 802.11a/b/g WLAN Radio Port-220/230 : 120Vac/60Hz EUT

Power Model

: FRSO2016 : 802.11g TX CH06 2437MHz Memo

: Power Setting 120 : Antenna ML-2452-APA2-01

Freq	Level				Antenna Factor					Remark
MHz	$\overline{\mathtt{dBuV/m}}$	\overline{dB}	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	—dBu∀	<u>dB</u> /m	\overline{dB}	\overline{dB}		deg	
7314.00	62.88	-11.12	74.00	62.88	0.00	0.00	0.00	100	0	Peak



: 03CH06-HY Site

Condition EUT

1 @

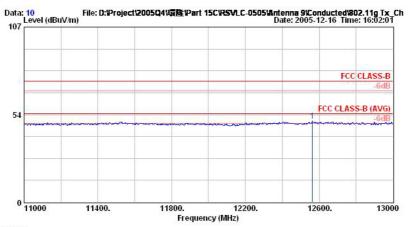
802.11a/b/g WLAN Radio Port-220/230

120Vac/60Hz Power Model Memo

: FRSO2016 : 802.11b TX CH0 2437MHz

: Power Setting 157 : Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Kead. Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}/\overline{\mathtt{m}}$	\overline{dB}	$\overline{\mathtt{dBuV/m}}$	dBuV	$\overline{dB/m}$	$\overline{-}\overline{d}\overline{B}$	$\overline{-}\overline{d}\overline{B}$	cm	deg	P2424242424242424242424
9428.00	49.14	-24.86	74.00	49.14	0.00	0.00	0.00	100	0	Peak



: 03CH06-HY Site

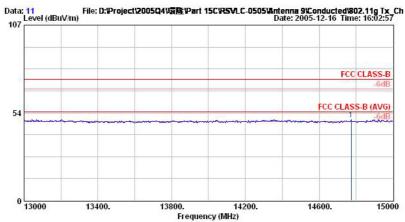
Condition EUT 802.11a/b/g WLAN Radio Port-220/230 120Vac/60Hz FRSO2016

Power Model

802.11g TX CH06 2437MHz Power Setting 120 Antenna ML-2452-APA2-01 Memo

Freq	Level		Limit Line						Table Pos	
MHz	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	dB	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/m}$	dBuV	<u>dB/m</u>	<u>dB</u>	$\overline{-}\overline{d}\overline{B}$	cm	deg	7202020202020202020
12564.00	49.55	-24.45	74.00	49.55	0.00	0.00	0.00	100	0	Peak

1 @ 12564.00 49.55 -24.45 74.00 49.55 0.00 0.00 0.00



: 03CH06-HY

: 802.11a/b/g WLAN Radio Port-220/230 : 120Vac/60Hz : FR502016

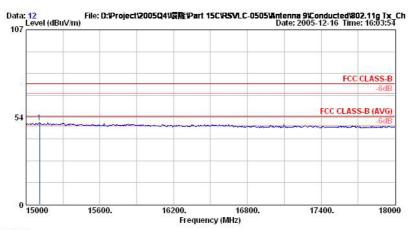
Site Condition EUT Power Model

1 @

802.11g TX CH06 2437MHz

Power Setting 120 Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read. Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	$\overline{\mathtt{d} \mathtt{B} \mathtt{u} \mathtt{V} 7m}$	dBu∀	<u>dB</u> 7m	<u>dB</u>	<u>dB</u>	cm	deg	920202020202020202020
14774 .00	49.52	-24.48	74.00	49.52	0.00	0.00	0.00	100	O.	Peak



: 03CH06-HY

Site Condition EUT Power Model Memo

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: 802.11 ab/g WLAN Radio Port-220/230 : 120Vac/60Hz : FRSO2016 : 802.11g TX CH06 2437MHz : Power Setting 120 : Antenna ML-2452-APA2-01

Freq	Level	Over Limit	Limit Line	Read. Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
MHz	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	$\overline{\mathtt{d}}\overline{\mathtt{B}}\overline{\mathtt{u}}\overline{\mathtt{V}}7\overline{\mathtt{m}}$	\overline{dBuV}	$-\overline{dB/m}$	<u>dB</u>	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	cm	deg	92020202020202020202V
15111.00	50.00	-24.00	74.00	50.00	0.00	0.00	0.00	100	0	Peak