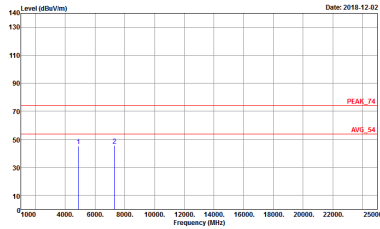
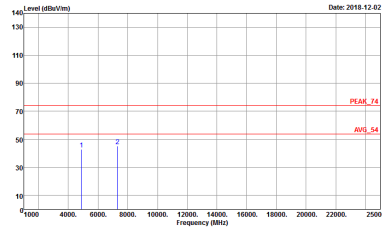
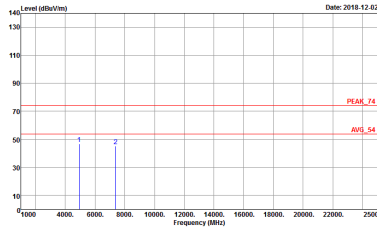
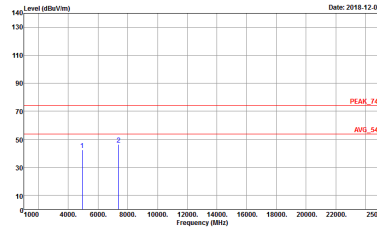


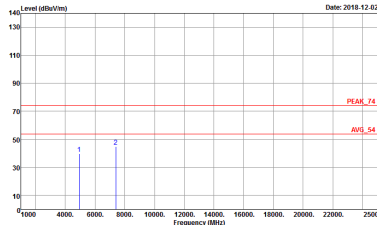
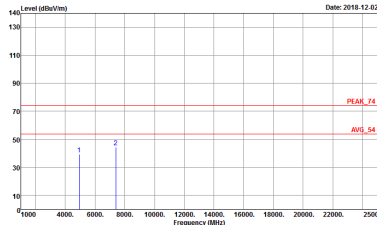


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 19 Setting : 18	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 19 Setting : 18

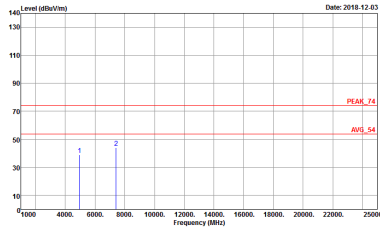
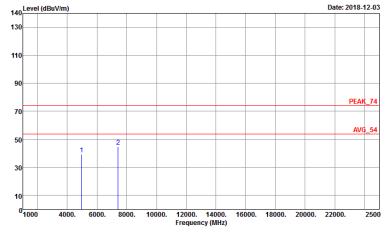


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 20 Setting : 17	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 20 Setting : 17



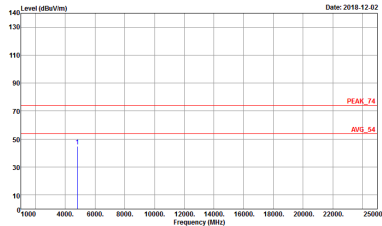
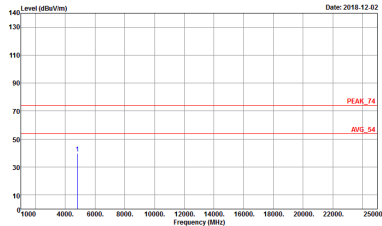
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 21 Setting : 10.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 21 Setting : 10.5



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : Z2 Setting : 0 Gain Index : 0 Dac Gain : -16	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : Z2 Setting : 0 Gain Index : 0 Dac Gain : -16



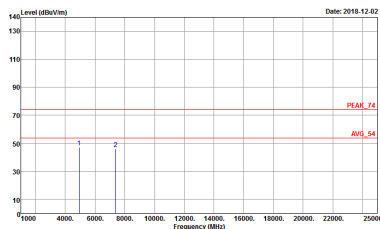
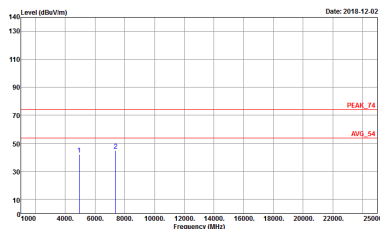
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 23 Setting : 17	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 23 Setting : 17



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 24 Setting : 18	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 24 Setting : 18



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 25 Setting : 10	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 25 Setting : 10

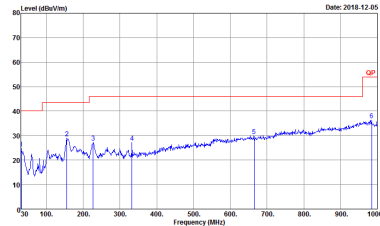
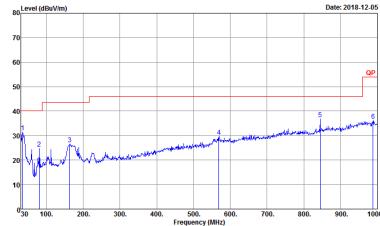


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 26 Setting : 10	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 26 Setting : 10



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 27 Setting : 0 Gain Index : 0 Dac Gain : -48	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 27 Setting : 0 Gain Index : 0 Dac Gain : -48

Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m BIL O6_6111D_37059 HORIZONTAL Detector : Peak Project : 891147-01 Mode : Z8	 Site : 03CH12-HY Condition : QP 3m BIL O6_6111D_37059 VERTICAL Detector : Peak Project : 891147-01 Mode : Z8

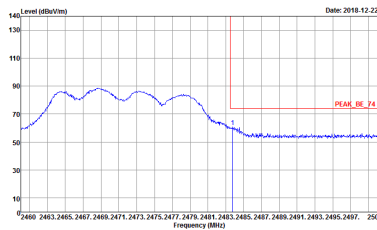
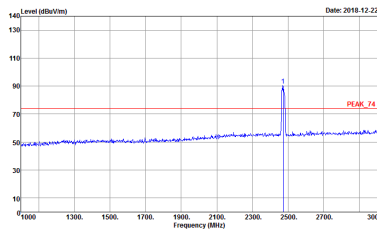
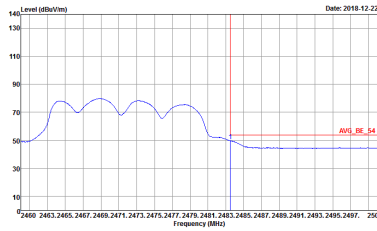
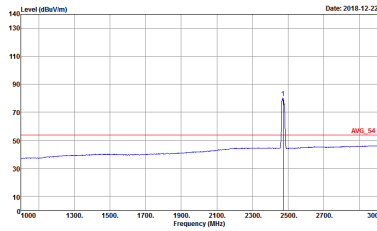


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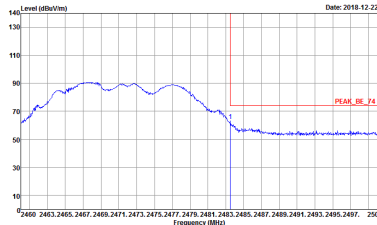
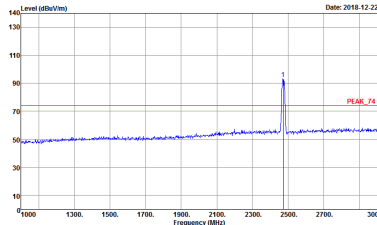
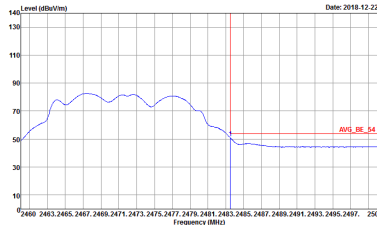
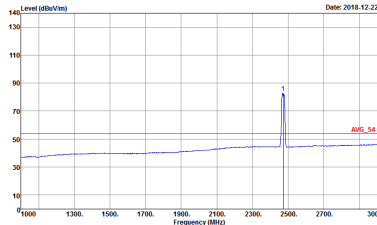
<Adapter 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Dac Gain : -16	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Dac Gain : -16
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Dac Gain : -16	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Dac Gain : -16

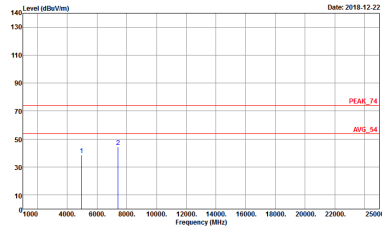
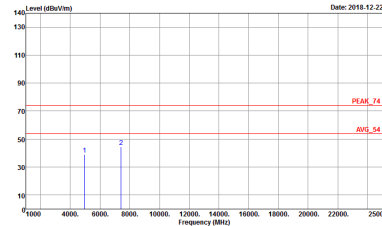


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Doc Gain : -16	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Doc Gain : -16
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Doc Gain : -16	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Doc Gain : -16

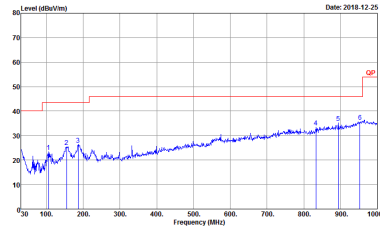
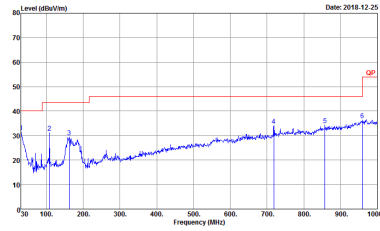


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-1HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Dac Gain : -16	 Site : 03CH12-1HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 34 Setting : 0 Gain Index : 0 Dac Gain : -16

Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m BIL06_6111D_37059 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 34	 Site : 03CH12-HY Condition : QP 3m BIL06_6111D_37059 VERTICAL Detector : Peak Project : 891147-01 Mode : 34



<For Sample 2>

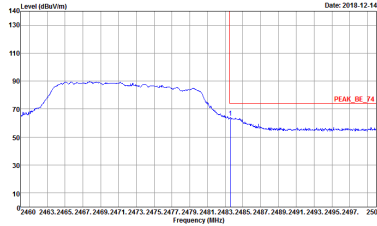
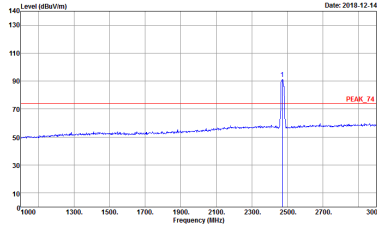
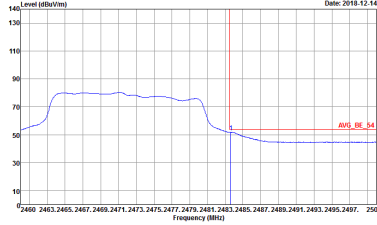
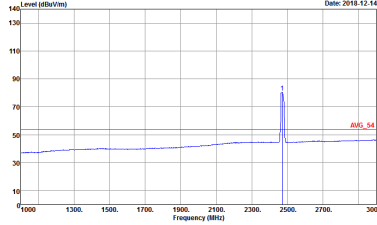
<Adapter 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16	Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 3 Setting : 0 Gain Index : 0 Dac Gain : -16

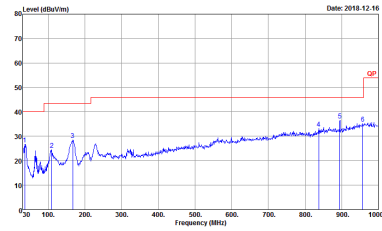
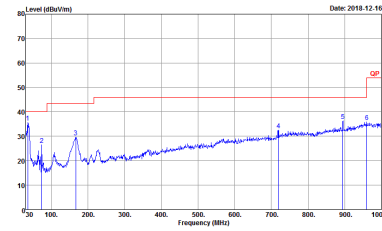


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 3	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 891147-01 Mode : 3

Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 HORIZONTAL Detector : Peak Project : 891147-01 Mode : 3	 Site : 03CH12-HY Condition : QP 3m BILO6_6111D_37059 VERTICAL Detector : Peak Project : 891147-01 Mode : 3

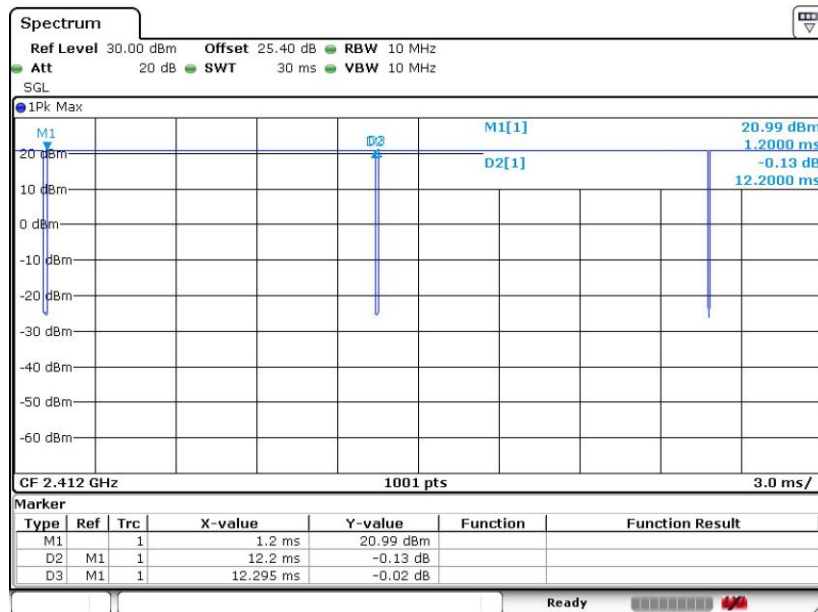
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11b	99.23	-	-	10Hz	0.03
2	802.11b	98.99	-	-	10Hz	0.04
1+2	802.11b for Ant. 1	98.87	-	-	10Hz	0.05
1+2	802.11b for Ant. 2	98.91	-	-	10Hz	0.05
1	802.11g	98.31	-	-	10Hz	0.07
2	802.11g	97.83	2030	0.49	1kHz	0.10
1+2	802.11g for Ant. 1	98.31	-	-	10Hz	0.07
1+2	802.11g for Ant. 2	97.82	2020	0.50	1kHz	0.10
1	2.4GHz 802.11n HT20	98.44	-	-	10Hz	0.07
2	2.4GHz 802.11n HT20	97.93	1895	0.53	1kHz	0.09
1+2	2.4GHz 802.11n HT20 for Ant. 1	97.92	1885	0.53	1kHz	0.09
1+2	2.4GHz 802.11n HT20 for Ant. 2	98.44	-	-	10Hz	0.07



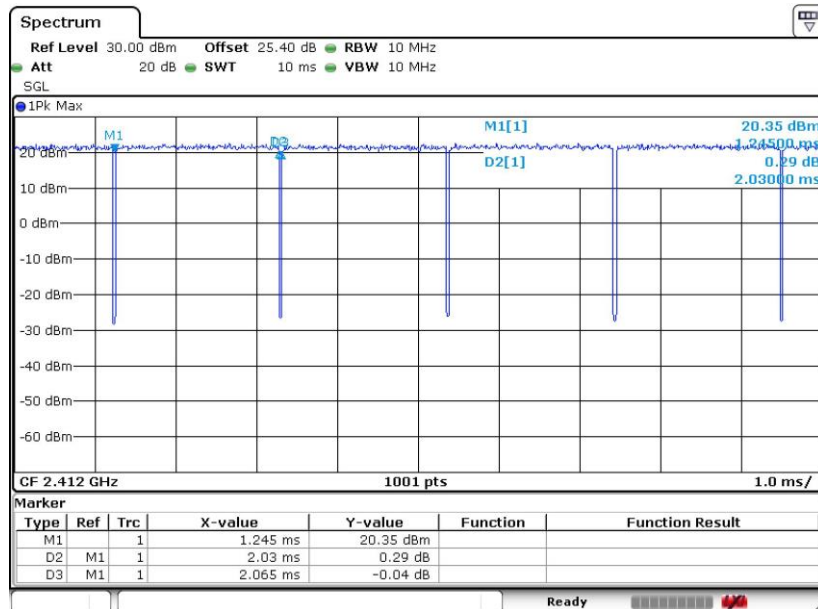
<Ant. 1>

802.11b



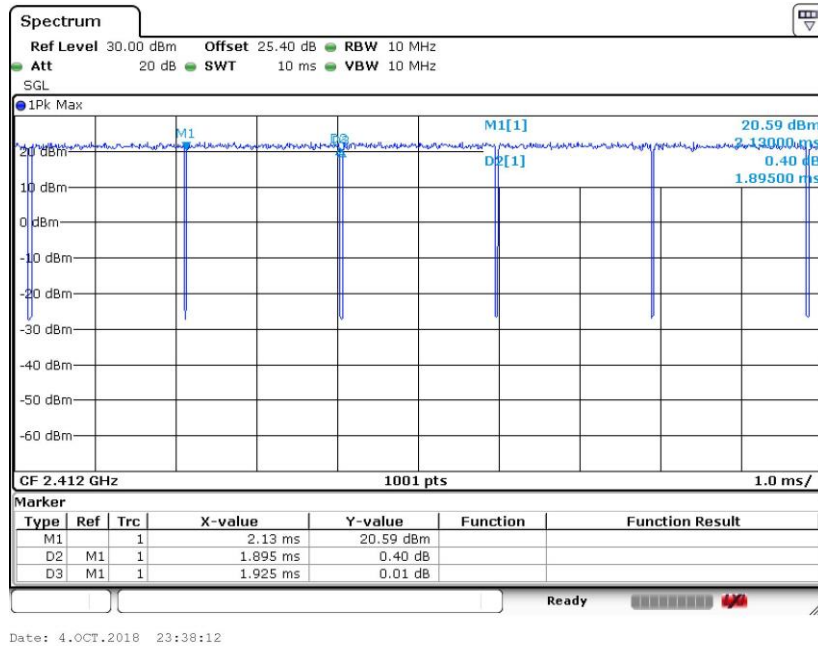
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802.11g



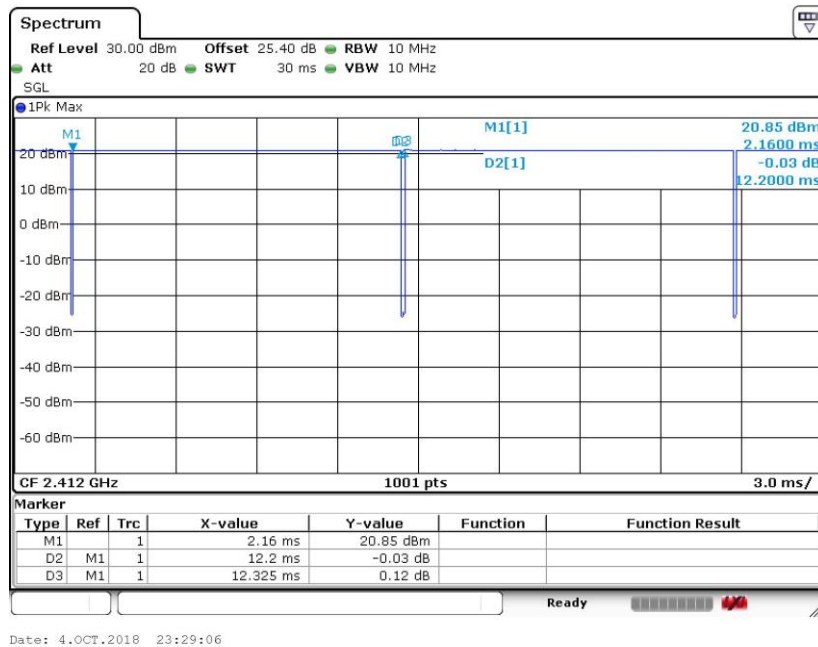
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802.11n HT20

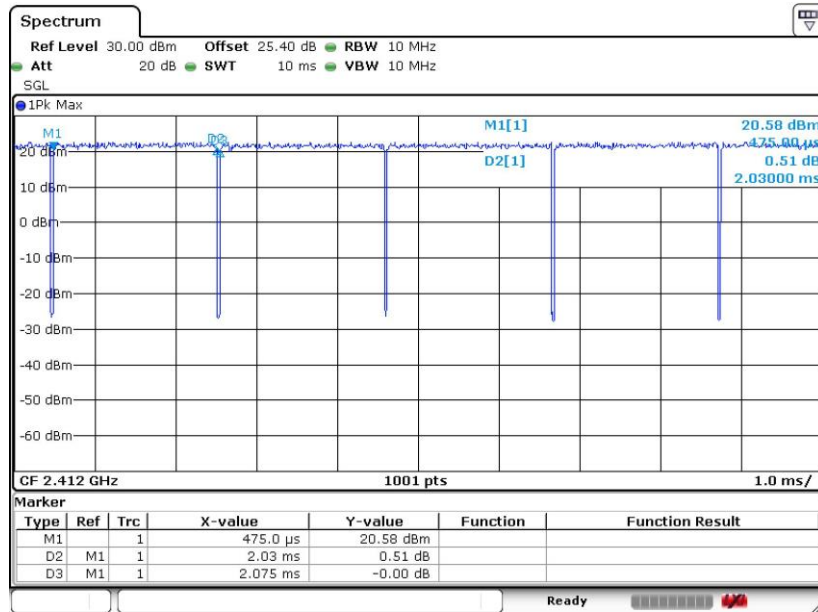


<Ant. 2>

802.11b

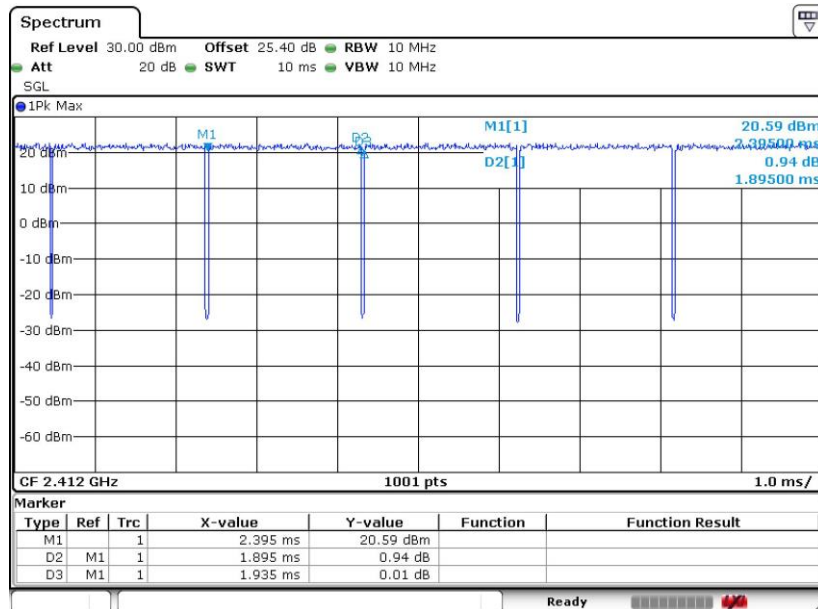


802.11g



Date: 4.OCT.2018 23:36:22

802.11n HT20

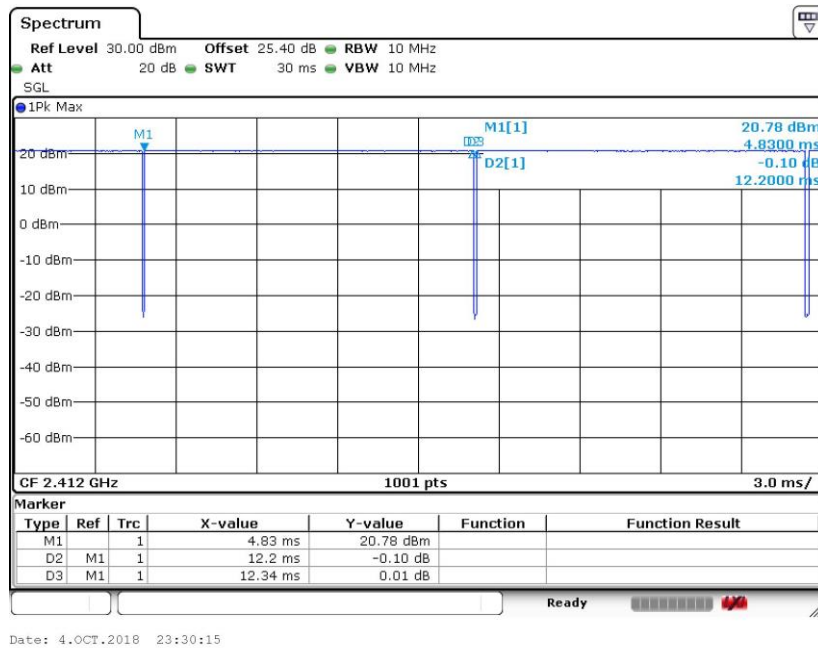


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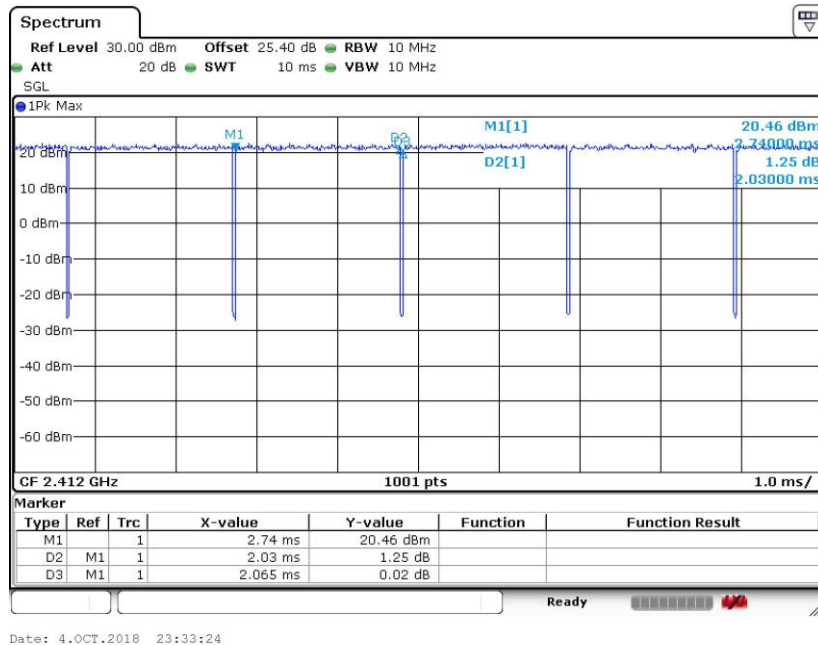


MIMO <Ant. 1>

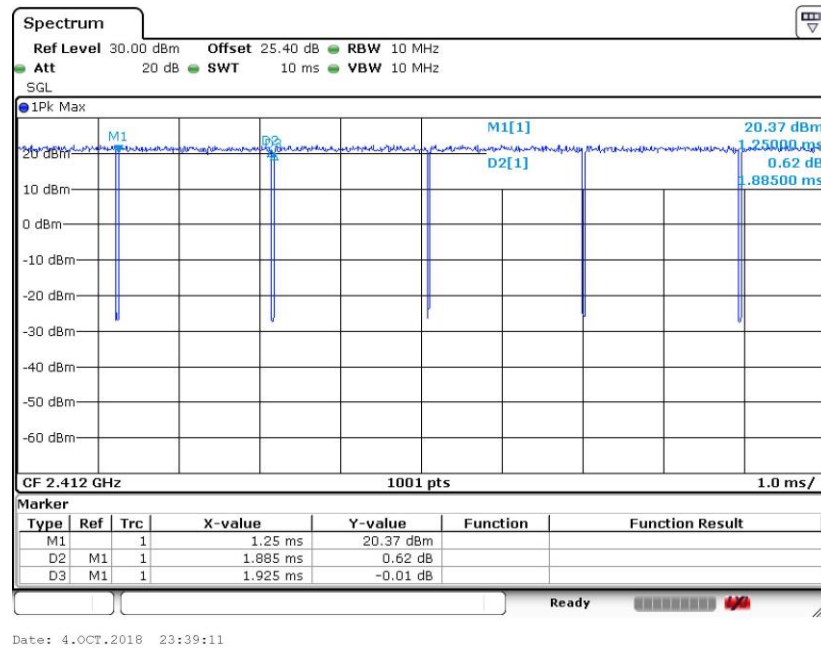
802.11b



802.11g

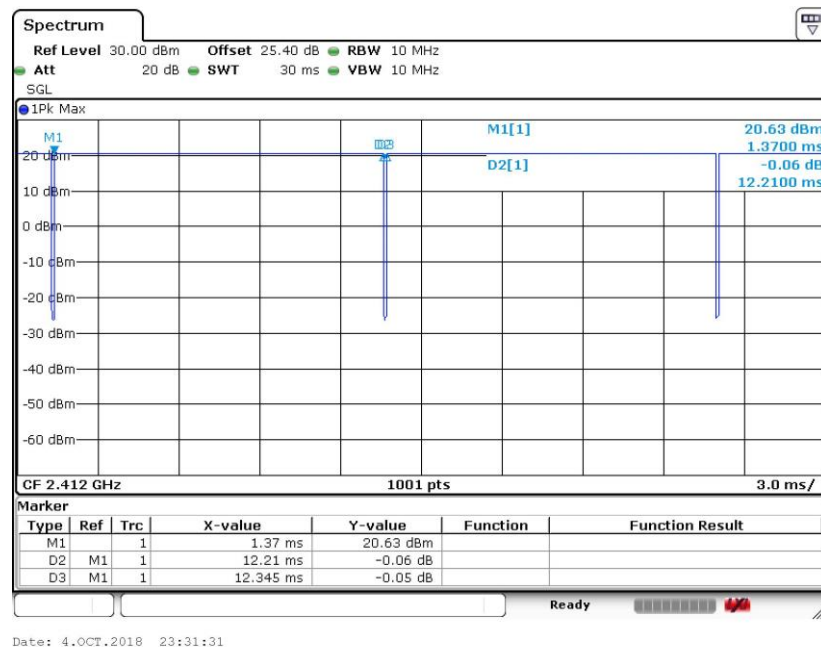


802.11n HT20



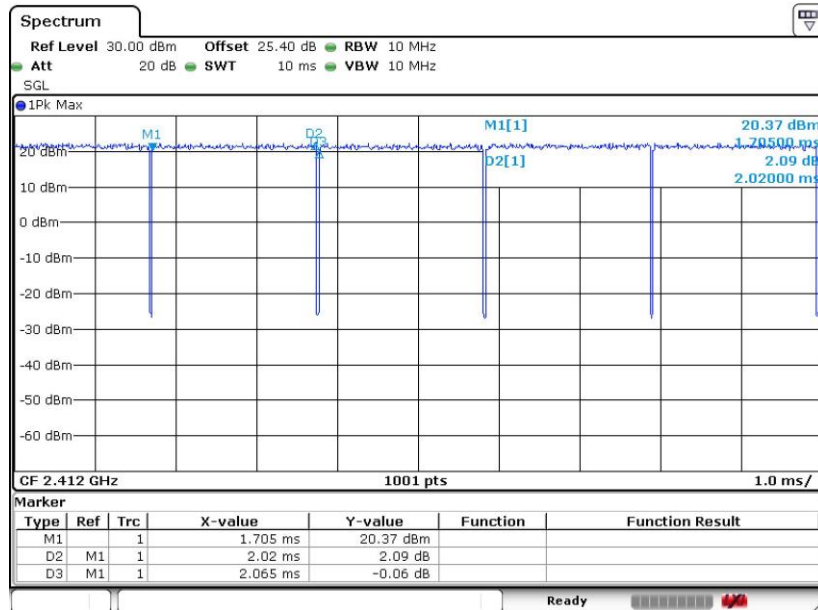
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802.11b



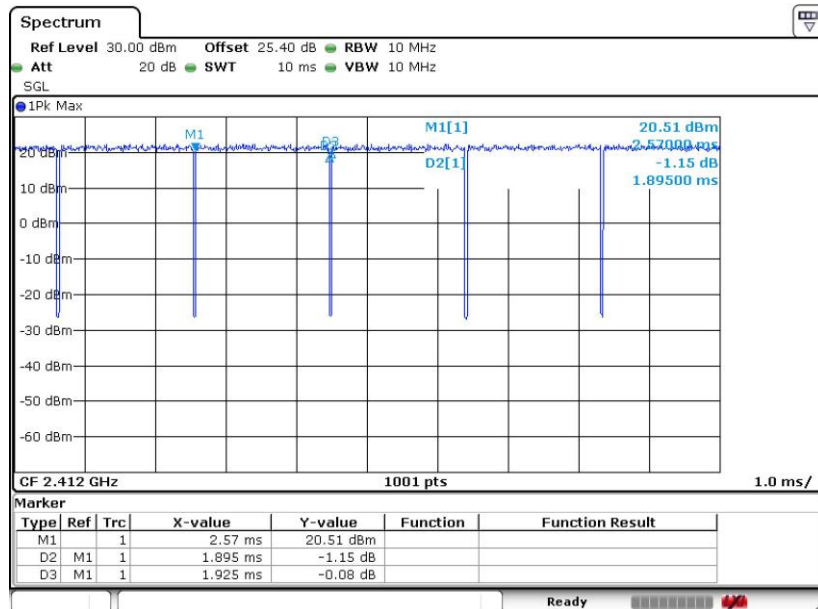


802.11g



Date: 4.OCT.2018 23:32:45

802.11n HT20



Date: 4.OCT.2018 23:39:56

————THE END————