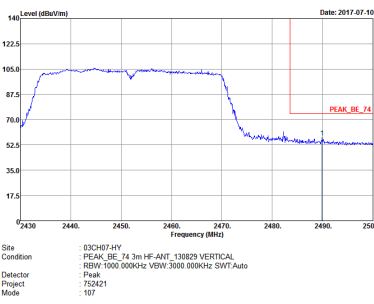
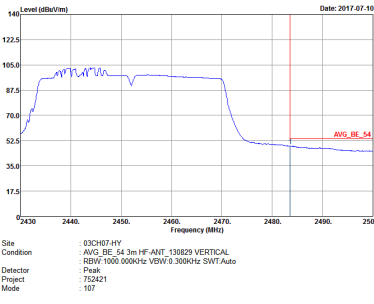
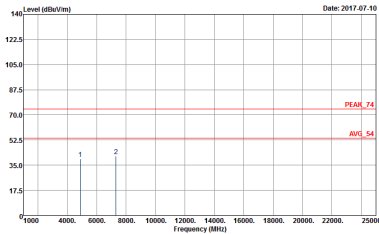
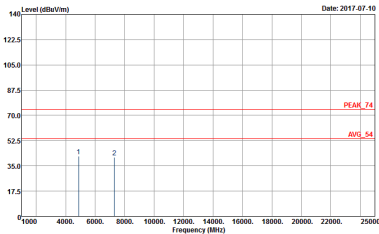
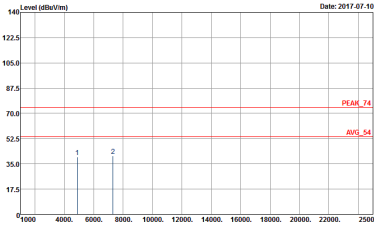
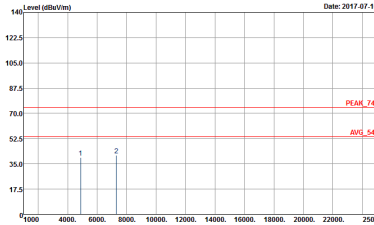


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH09 2452MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT 130829 VERTICAL Detector : REW 1000 5000Hz VSW 3000 600kHz SWT Auto Project : Peak Mode : 752421 107	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT 130829 VERTICAL Detector : REW 1000 5000Hz VSW 3000 600kHz SWT Auto Project : Peak Mode : 752421 107	Left blank

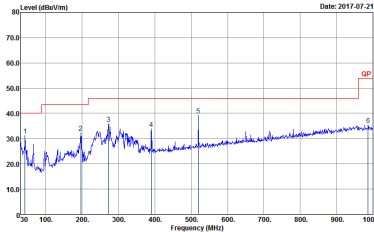
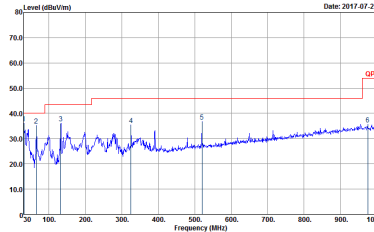
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11ac VHT20 CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 752421 Mode : 103	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 752421 Mode : 103

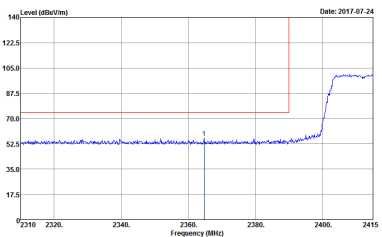
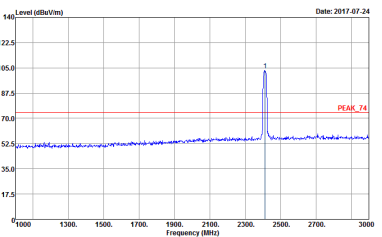
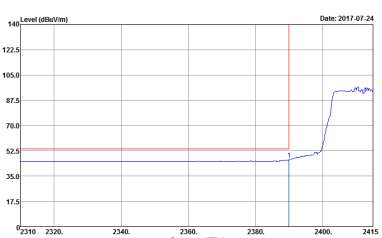
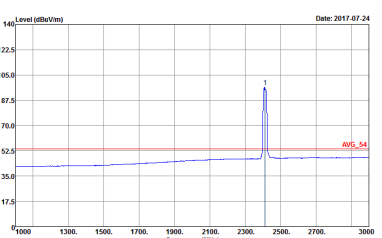
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11ac VHT40 CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH07-HY Detector : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Project : 752421 Mode : 106	 Site Condition : 03CH07-HY Detector : PEAK_74 3m SHF-EHF_131029 VERTICAL Project : 752421 Mode : 106

Emission below 1GHz
2.4GHz WIFI 802.11ac VHT40 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
	802.11ac VHT40 LF	
	Horizontal	Vertical
QP / Peak	 Site : 63CH07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 752421 Mode : 108	 Site : 63CH07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 752421 Mode : 108

<Ant. No. 4 Chain 0 + 1>
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74.3m HF-ANT_130829 HORIZONTAL Detector: REW 1000.000kHz VBW 3000.000kHz SWT Auto Project: Peak Mode: 752421 144	 Site: 03CH07-HY Condition: PEAK_74.3m HF-ANT_130829 HORIZONTAL Detector: REW 1000.000kHz VBW 3000.000kHz SWT Auto Project: Peak Mode: 752421 144
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54.3m HF-ANT_130829 HORIZONTAL Detector: REW 1000.000kHz VBW 3000.000kHz SWT Auto Project: Peak Mode: 752421 144	 Site: 03CH07-HY Condition: AVG_54.3m HF-ANT_130829 HORIZONTAL Detector: REW 1000.000kHz VBW 3000.000kHz SWT Auto Project: Peak Mode: 752421 144

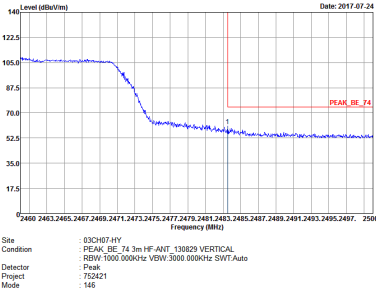
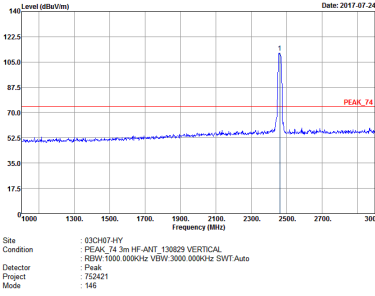
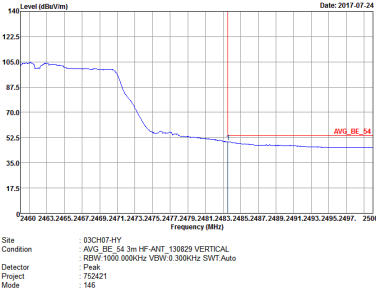
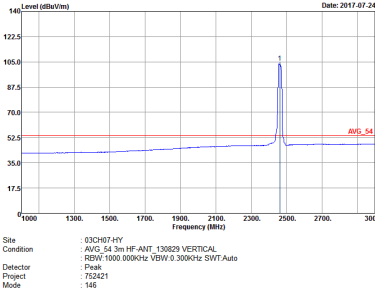


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Vertical	Fundamental
Peak	Site: 03CH07-HY Condition: PEAK, BE: 74.3m HF-ANT, 130829 VERTICAL Detector: REW:1000.000kHz VBW:3000.000kHz SWT:Auto Project: Peak 752421 Mode: 144	Site: 03CH07-HY Condition: PEAK, 74.3m HF-ANT, 130829 VERTICAL Detector: REW:1000.000kHz VBW:3000.000kHz SWT:Auto Project: Peak 752421 Mode: 144
Avg.	Site: 03CH07-HY Condition: AVG, BE: 54.3m HF-ANT, 130829 VERTICAL Detector: REW:1000.000kHz VBW:3000.000kHz SWT:Auto Project: Peak 752421 Mode: 144	Site: 03CH07-HY Condition: AVG, 54.3m HF-ANT, 130829 VERTICAL Detector: REW:1000.000kHz VBW:3000.000kHz SWT:Auto Project: Peak 752421 Mode: 144



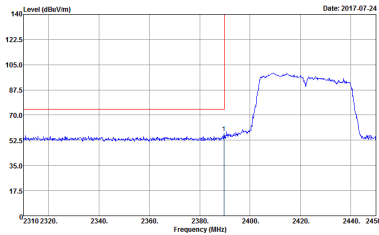
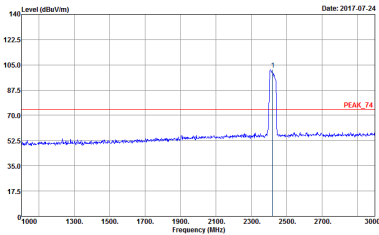
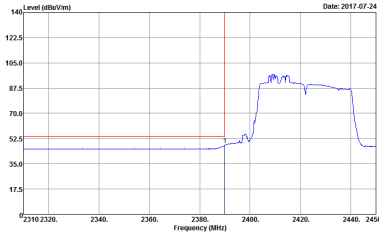
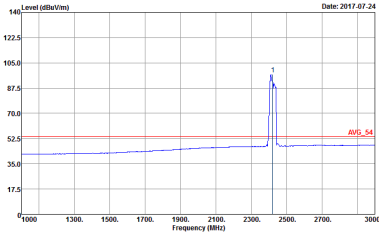
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH20 CH11 2462MHz	
	Horizontal	Fundamental
Peak	Site Condition : 03CH07-HY PEAK_BE_74 3m HF-ANT: 130829 HORIZONTAL REBW:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : 752421 Mode : 146	Site Condition : 03CH07-HY PEAK_74 3m HF-ANT: 130829 HORIZONTAL REBW:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : 752421 Mode : 146
Avg.	Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT: 130829 HORIZONTAL REBW:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : 752421 Mode : 146	Site Condition : 03CH07-HY AVG_54 3m HF-ANT: 130829 HORIZONTAL REBW:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : 752421 Mode : 146



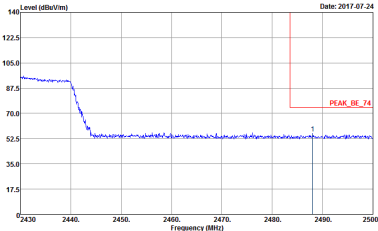
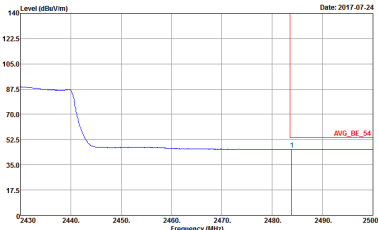
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH20 CH11 2462MHz	
	Vertical	Fundamental
Peak		
Avg.		

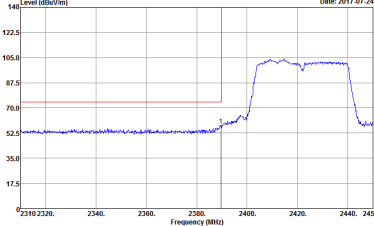
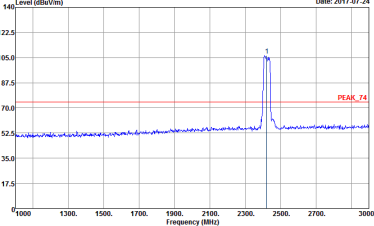
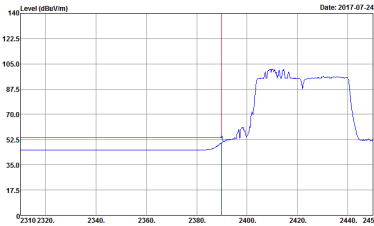
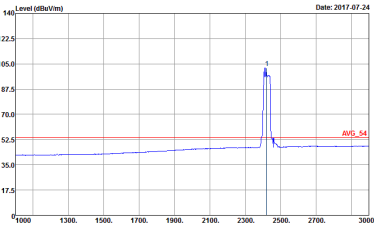
2.4GHz 2400~2483.5MHz

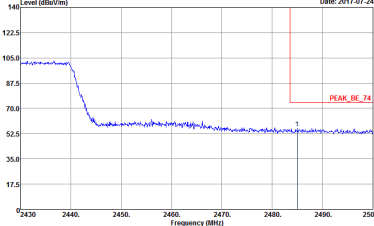
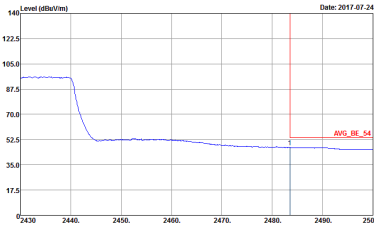
WIFI 802.11ac VHT40 (Band Edge @ 3m)

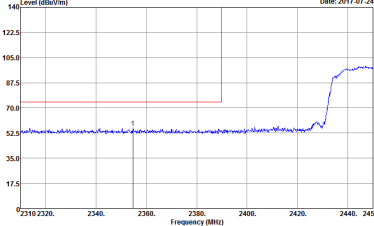
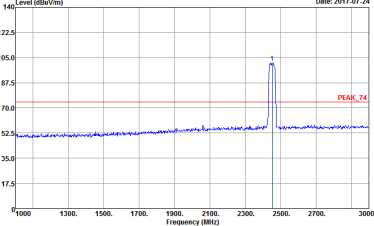
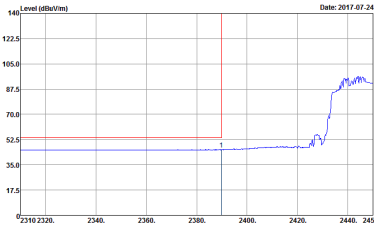
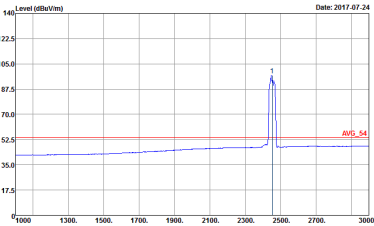
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT40 CH03 2422MHz - L	
	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK, 74.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 147	 Site: 03CH07-HY Condition: PEAK, 74.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 147
Avg.	 Site: 03CH07-HY Condition: AVG, 54.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 147	 Site: 03CH07-HY Condition: AVG, 54.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 147

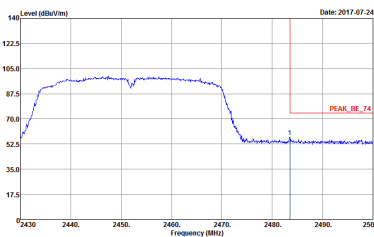
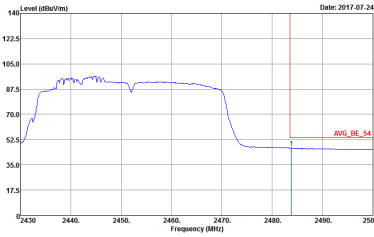


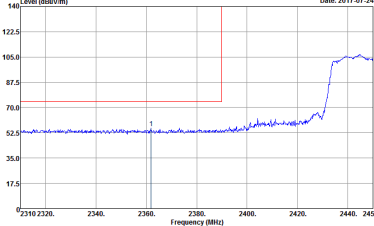
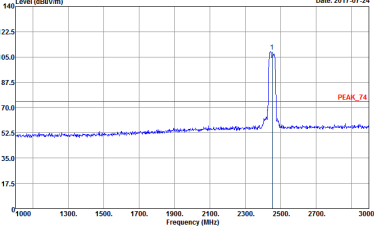
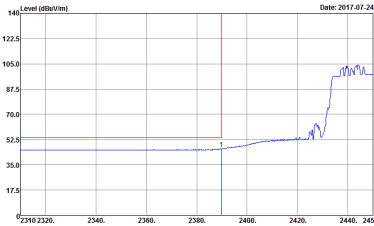
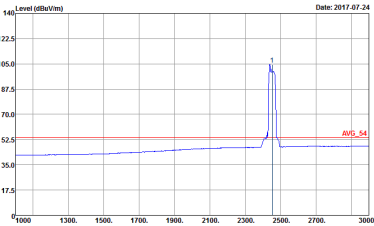
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH03 2422MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 752421 Mode : 147	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 752421 Mode : 147	Left blank

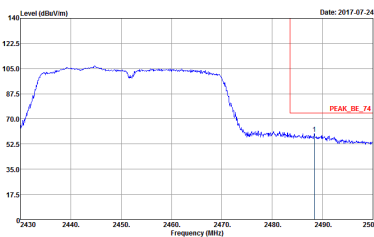
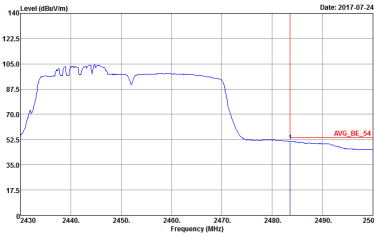
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH03 2422MHz - L	
	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK, BE: 74.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 147	 Site: 03CH07-HY Condition: PEAK, 74.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 147
Avg.	 Site: 03CH07-HY Condition: AVG, BE: 54.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 147	 Site: 03CH07-HY Condition: AVG, 54.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 147

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH03 2422MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF ANT, 130829 VERTICAL Detector : Peak Project : 752421 Mode : 147	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF ANT, 130829 VERTICAL Detector : Peak Project : 752421 Mode : 147	Left blank

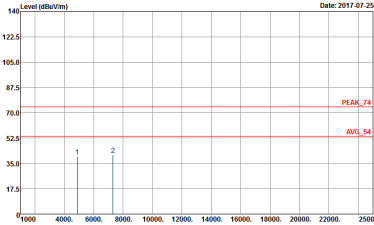
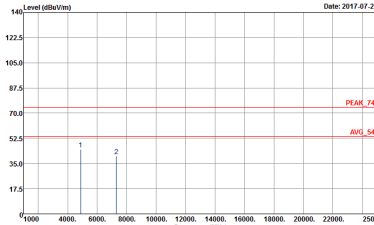
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH09 2452MHz - L	
	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK, BE: 74.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 149	 Site: 03CH07-HY Condition: PEAK, 74.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 149
Avg.	 Site: 03CH07-HY Condition: AVG, BE: 54.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 149	 Site: 03CH07-HY Condition: AVG, 54.3m HF-ANT, 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 149

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH09 2452MHz - R	
	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF ANT 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 149	Left blank
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF ANT 130829 HORIZONTAL Detector: Peak Project: 752421 Mode: 149	Left blank

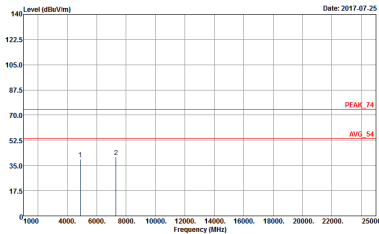
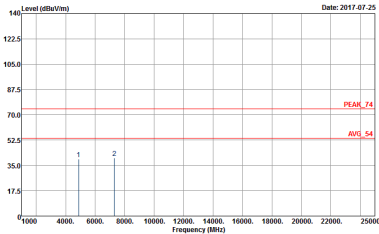
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH09 2452MHz - L	
	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK, BE, 74.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 149	 Site: 03CH07-HY Condition: PEAK, 74.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 149
Avg.	 Site: 03CH07-HY Condition: AVG, BE, 54.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 149	 Site: 03CH07-HY Condition: AVG, 54.3m HF-ANT, 130829 VERTICAL Detector: Peak Project: 752421 Mode: 149

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VH40 CH09 2452MHz - R	
	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF ANT 130829 VERTICAL Detector: Peak Project: 752421 Mode: 149	Left blank
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF ANT 130829 VERTICAL Detector: Peak Project: 752421 Mode: 149	Left blank

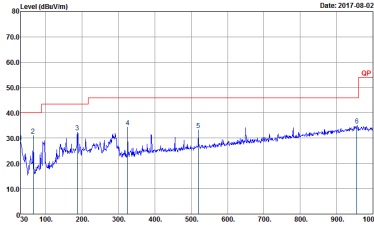
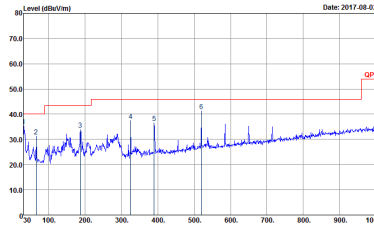
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11ac VHT20 CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH07-HY Detector : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Project : 752421 Mode : 144	 Site Condition : 03CH07-HY Detector : PEAK_74 3m SHF-EHF_131029 VERTICAL Project : 752421 Mode : 144

2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11ac VHT40 CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH07-HY Detector : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Project : 752421 Mode : 148	 Site Condition : 03CH07-HY Detector : PEAK_74 3m SHF-EHF_131029 VERTICAL Project : 752421 Mode : 148

Emission below 1GHz
2.4GHz WIFI 802.11ac VHT40 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
	802.11ac VHT40 LF	
	Horizontal	Vertical
QP / Peak	 Site : 63CH07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 752421 Mode : 150	 Site : 63CH07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 752421 Mode : 150



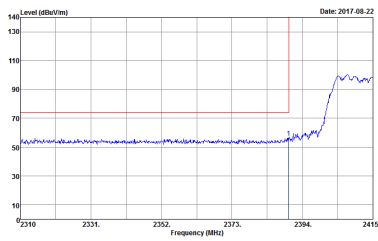
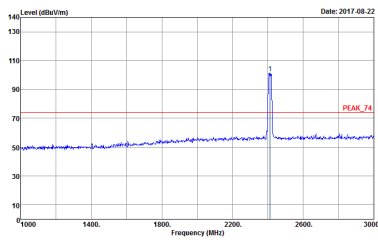
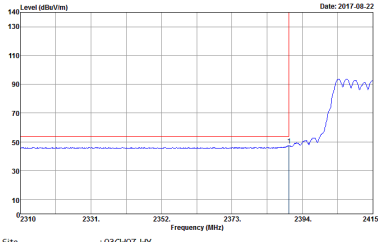
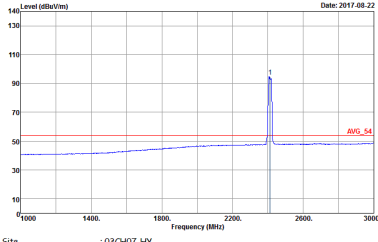
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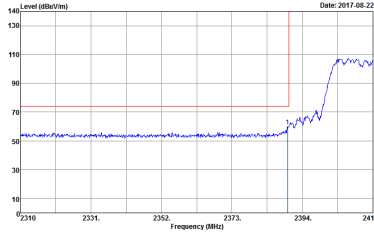
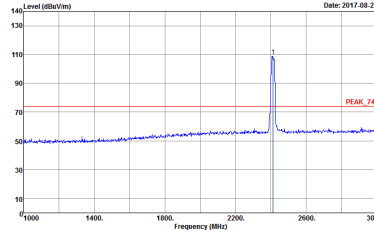
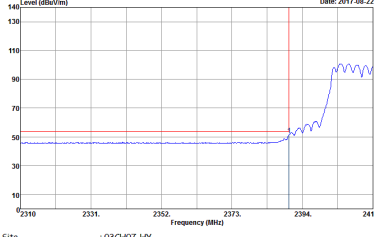
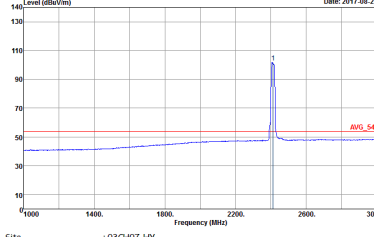
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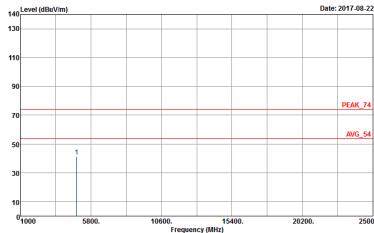
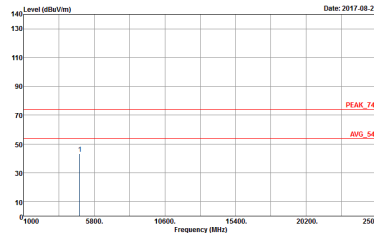
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL Detector : RBW:1000.000GHz VBW:3000.000GHz SWT:Auto Project : Peak Mode : 752421 153	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00066584 HORIZONTAL Detector : RBW:1000.000GHz VBW:3000.000GHz SWT:Auto Project : Peak Mode : 752421 153
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL Detector : RBW:1000.000GHz VBW:1.000GHz SWT:Auto Project : Peak Mode : 752421 153	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00066584 HORIZONTAL Detector : RBW:1000.000GHz VBW:1.000GHz SWT:Auto Project : Peak Mode : 752421 153

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 153	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 153
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 153	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 153

2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 752421 Mode : 153	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 752421 Mode : 153

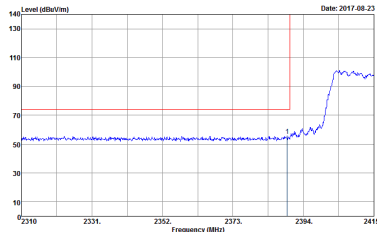
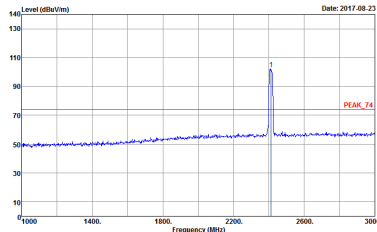
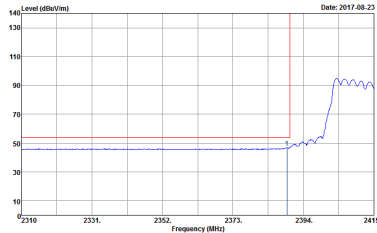
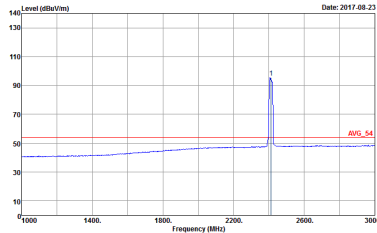
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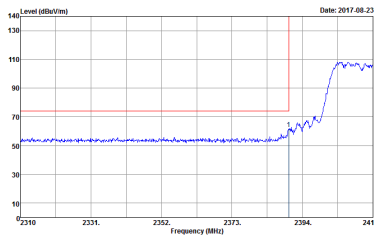
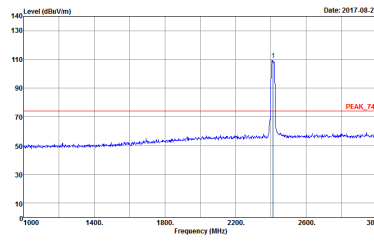
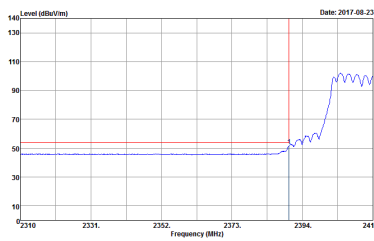
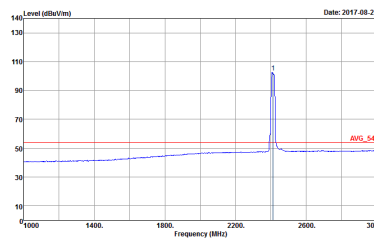
<CDD Mode>

<Ant. No.4 Chain 0 + 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL Detector : Peak Project : 752421 Mode : 156	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00066584 HORIZONTAL Detector : Peak Project : 752421 Mode : 156
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL Detector : Peak Project : 752421 Mode : 156	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00066584 HORIZONTAL Detector : Peak Project : 752421 Mode : 156

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 156	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 156
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 156	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 752421 Mode : 156



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11ac VHT20 CH01 2412MHz	
	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 752421 Mode : 156	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 752421 Mode : 156

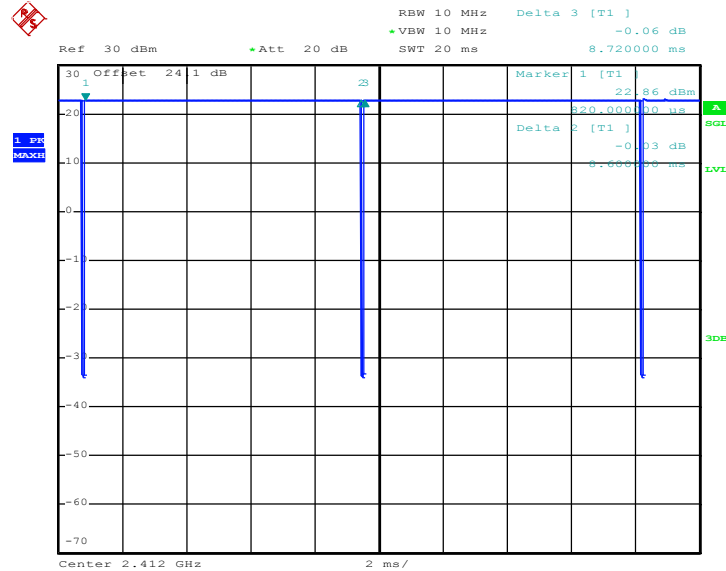
Appendix D. Duty Cycle Plots

<CDD Mode>

Chain	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
0	802.11b	98.62	-	-	10Hz
1	802.11b	98.62	-	-	10Hz
0+1	802.11b for Chain 0	98.62	-	-	10Hz
0+1	802.11b for Chain 1	98.62	-	-	10Hz
0	802.11g	93.42	1420.00	0.70	1kHz
1	802.11g	92.21	1420.00	0.70	1kHz
0+1	802.11g for Chain 0	92.21	1420.00	0.70	1kHz
0+1	802.11g for Chain 1	92.21	1420.00	0.70	1kHz
0+1	2.4GHz 802.11n VHT20 for Chain 0	91.78	1340.00	0.75	1kHz
0+1	2.4GHz 802.11n VHT20 for Chain 1	91.78	1340.00	0.75	1kHz
0+1	2.4GHz 802.11n VHT40 for Chain 0	87.01	670.00	1.50	3kHz
0+1	2.4GHz 802.11n VHT40 for Chain 1	87.01	670.00	1.50	3kHz

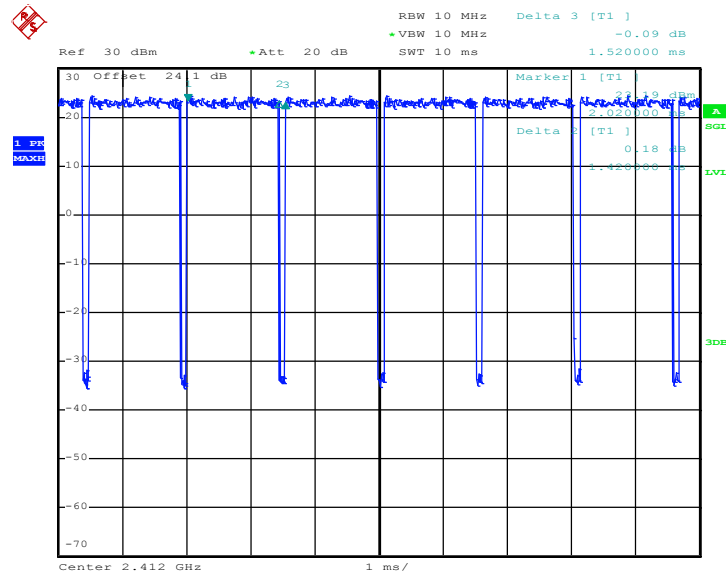
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802.11b



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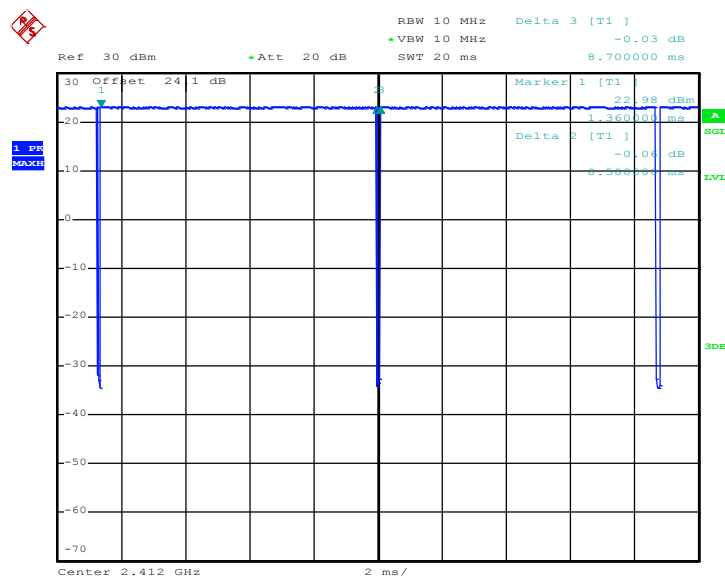
802.11g



Date: 20.MAY.2017 22:06:36

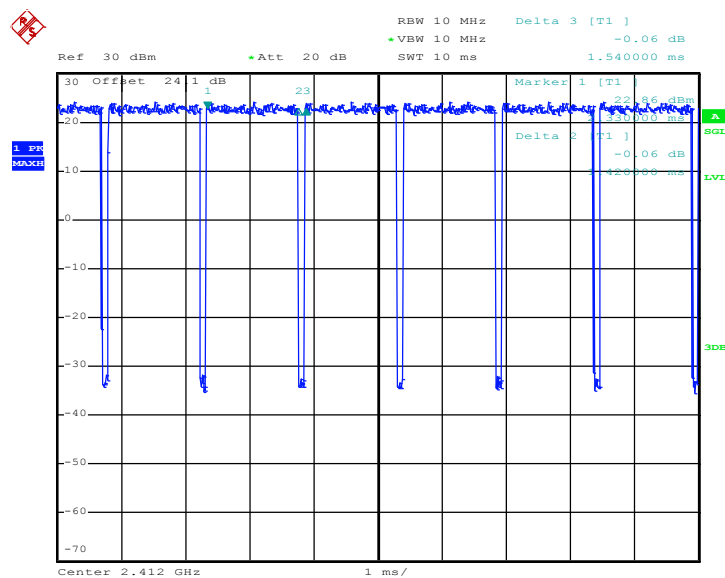
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802.11b



Date: 20.MAY.2017 21:30:53

802.11g

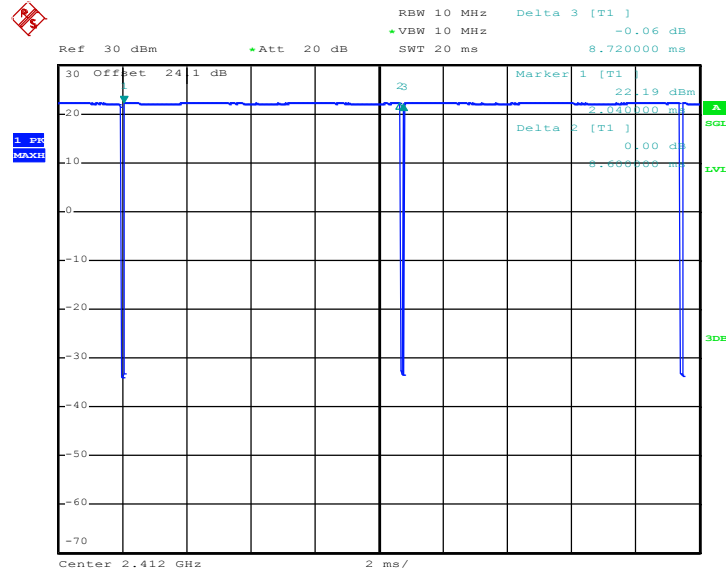


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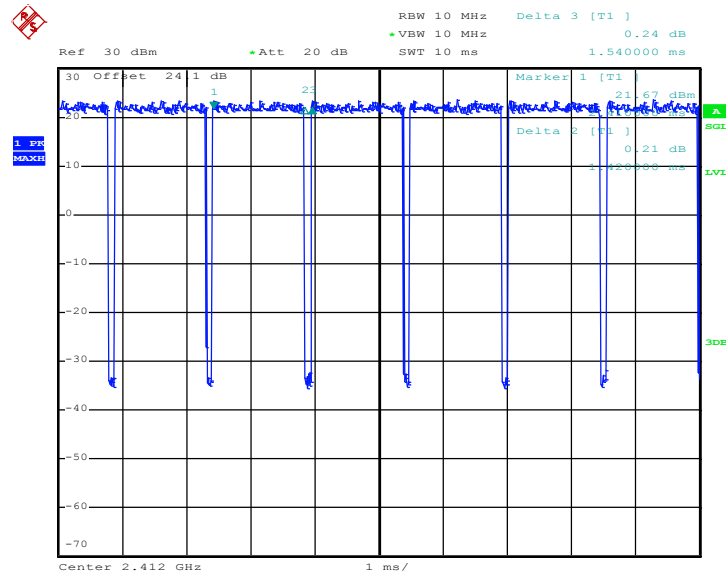
MIMO <Chain 0 +1>

802.11b

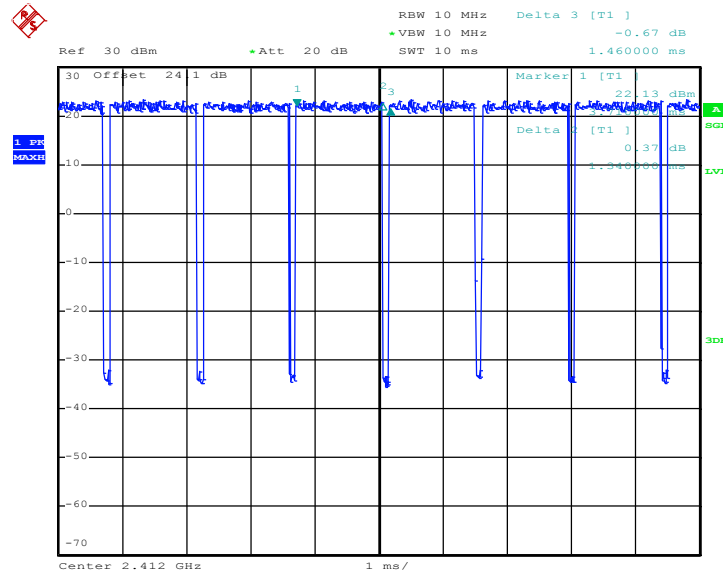


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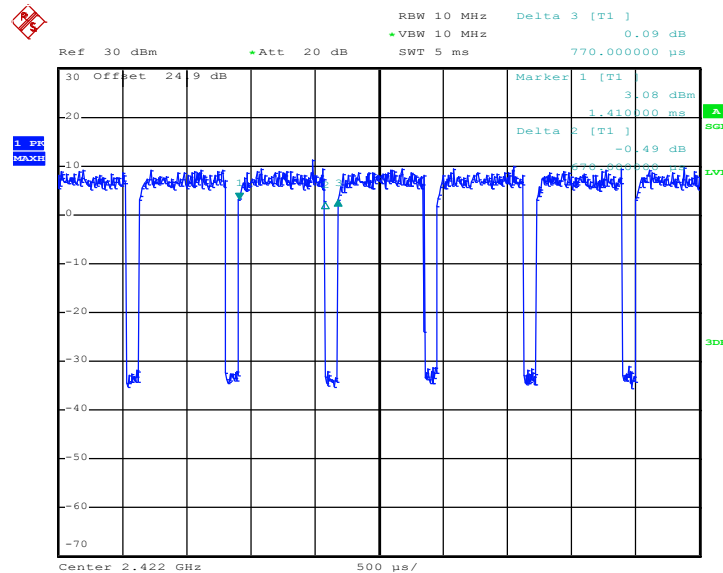
802.11g



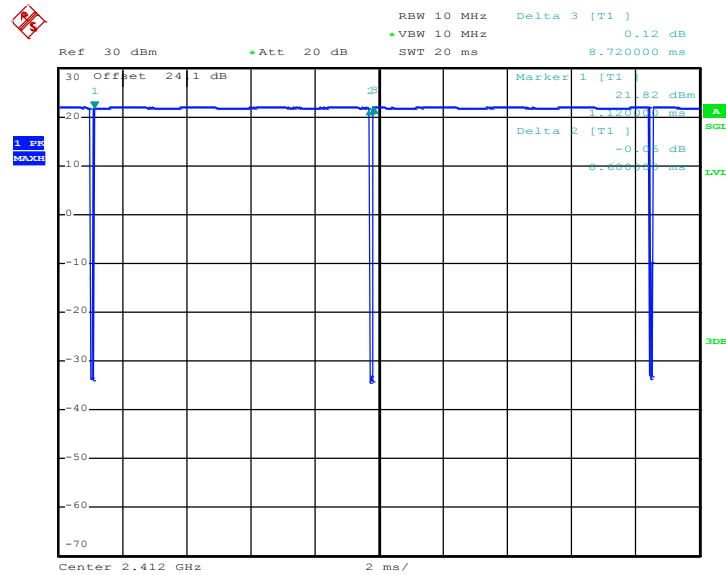
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802.11ac VHT20


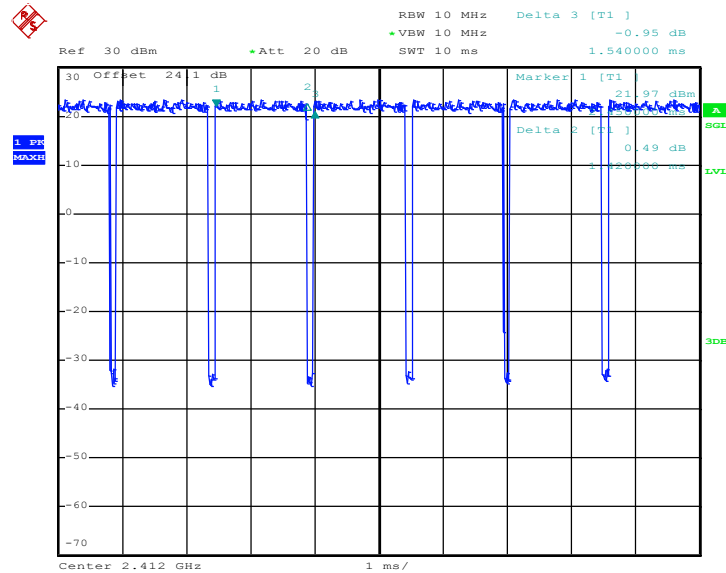
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802.11ac VHT40


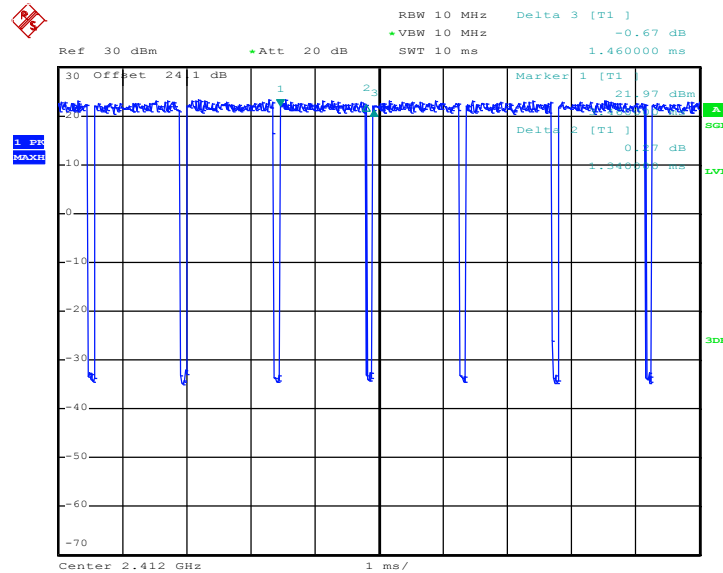
Date: 3.JUN.2017 02:35:59

MIMO <Chain 0 + 1>
802.11b


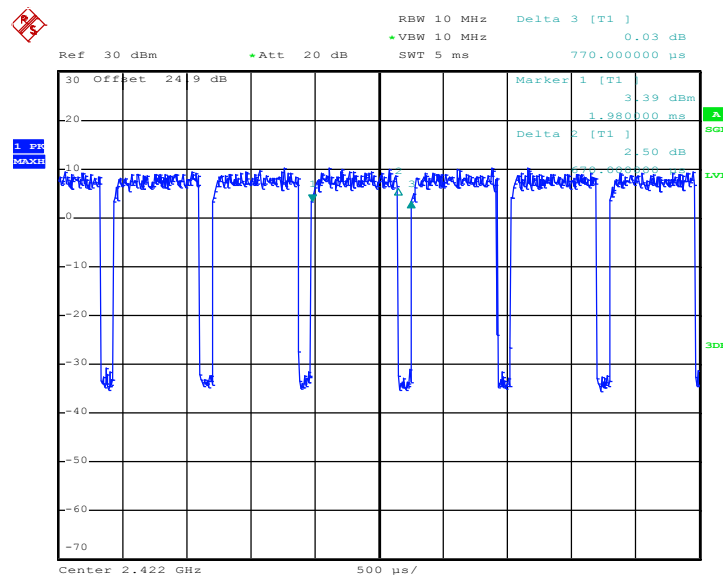
Date: 20.MAY.2017 21:39:28

802.11g


Date: 20.MAY.2017 21:59:23

802.11ac VHT20


Date: 20.MAY.2017 23:03:23

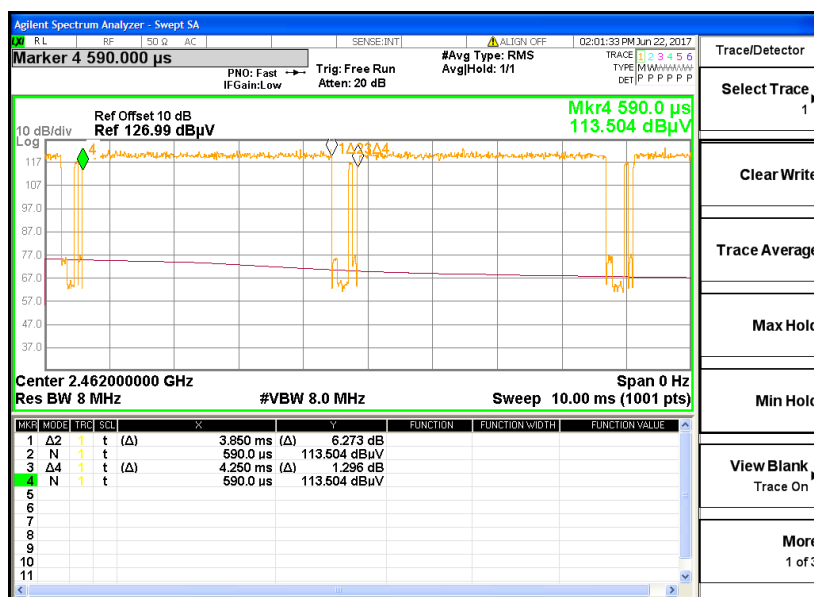
802.11ac VHT40


Date: 3.JUN.2017 02:37:19

<TXBF Mode>

Chain	Band	Duty Cycle(%)	T(us)	1/T(KHz)	VBW Setting
0 + 1	2.4GHz 802.11n VHT20	90.59	3850	0.26	300Hz
0 + 1	2.4GHz 802.11n VHT40	91.07	4590	0.22	300Hz

802.11ac VHT20



802.11ac VHT40

