



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

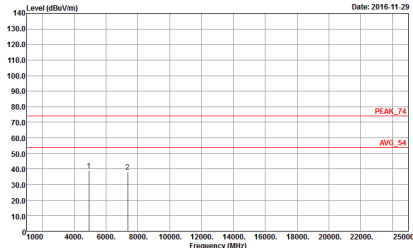
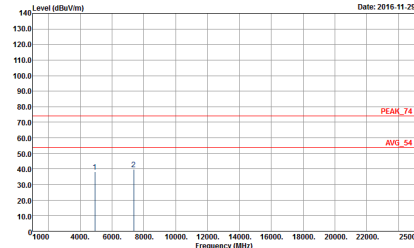
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1+2	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH071HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 6N0822 Mode : 34 7.25</p>	<p>Site : 03CH071HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 6N0822 Mode : 34 7.25</p>



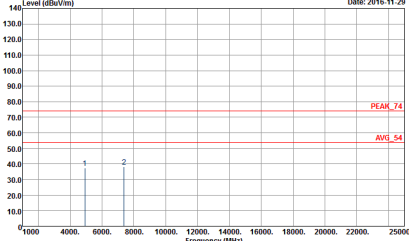
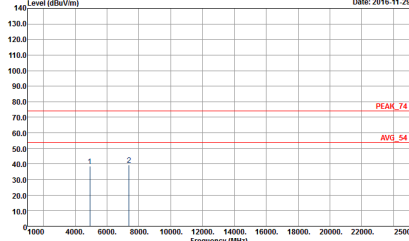
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1+2	Horizontal	Vertical
Peak Avg.	<div><p>Level (dBuV/m)</p><p>Date: 2016-11-29</p><p>Frequency (MHz)</p><p>Site : 03CH07-11Y Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 6N0822 Mode : 35 :-10</p></div>	<div><p>Level (dBuV/m)</p><p>Date: 2016-11-29</p><p>Frequency (MHz)</p><p>Site : 03CH07-11Y Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 6N0822 Mode : 35 :-10</p></div>



2.4GHz 2400~2483.5MHz  
WIFI 802.11n HT40 (Harmonic @ 3m)

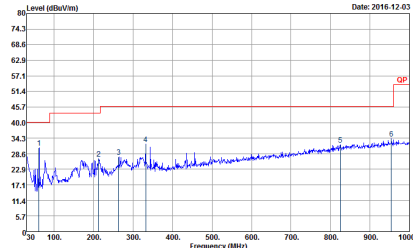
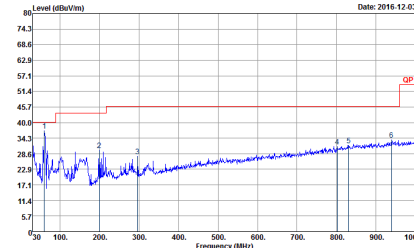
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH10 2457MHz	
1+2	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 6N0822 Mode : 36  : 8.75</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 6N0822 Mode : 36  : 8.75</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	<div><p>Level (dBuV/m) <span style="float: right;">Date: 2016-11-29</span></p><p>Site : 03CH07-11Y Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 6N0822 Mode : 37       : -9.25</p></div>	<div><p>Level (dBuV/m) <span style="float: right;">Date: 2016-11-29</span></p><p>Site : 03CH07-11Y Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 6N0822 Mode : 37       : -9.25</p></div>



Emission below 1GHz  
2.4GHz WIFI 802.11n HT20 (LF)

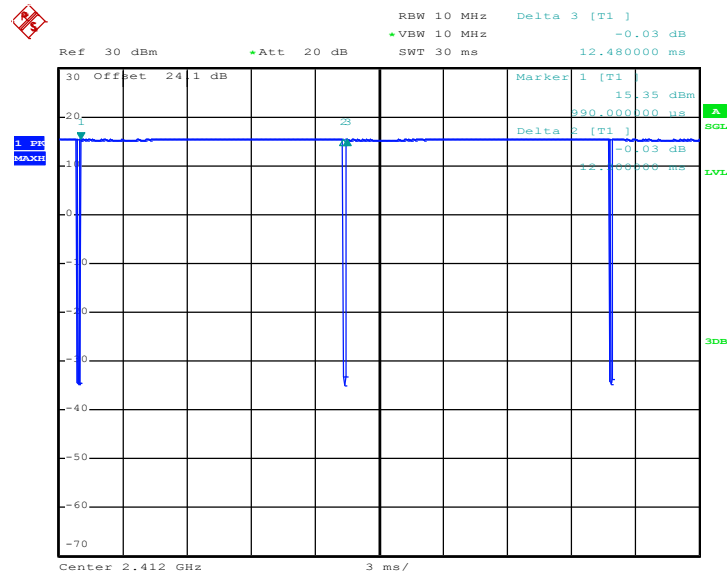
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH071HY Condition : QP 3m LF-ANT:35419(F) HORIZONTAL Detector : Peak Project : 6N0822 Mode : 42</p>	 <p>Site : 03CH071HY Condition : QP 3m LF-ANT:35419(F) VERTICAL Detector : Peak Project : 6N0822 Mode : 42</p>

## Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11b	98.56	-	-	10Hz
2	802.11b	98.56	-	-	10Hz
1	802.11g	94.44	2040	0.49	1kHz
2	802.11g	94.50	2060	0.49	1kHz
1	2.4GHz 802.11n HT20	95.00	1900	0.53	1kHz
2	2.4GHz 802.11n HT20	95.00	1900	0.53	1kHz
1+2(1)	2.4GHz 802.11n HT20	96.00	960	1.04	3kHz
1+2(2)	2.4GHz 802.11n HT20	96.08	980	1.02	3kHz
1	2.4GHz 802.11n HT40	96.37	930	1.08	3kHz
2	2.4GHz 802.11n HT40	96.91	940	1.06	3kHz
1+2(1)	2.4GHz 802.11n HT40	92.48	492	2.03	3kHz
1+2(2)	2.4GHz 802.11n HT40	93.18	492	2.03	3kHz

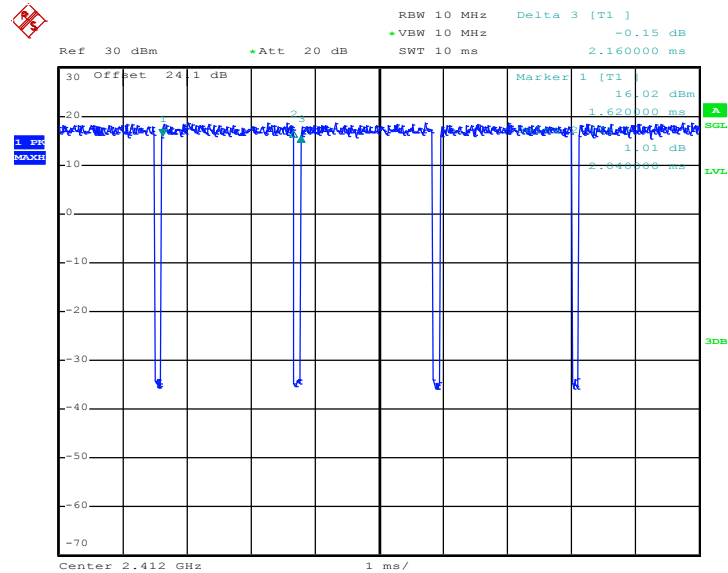
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802.11b

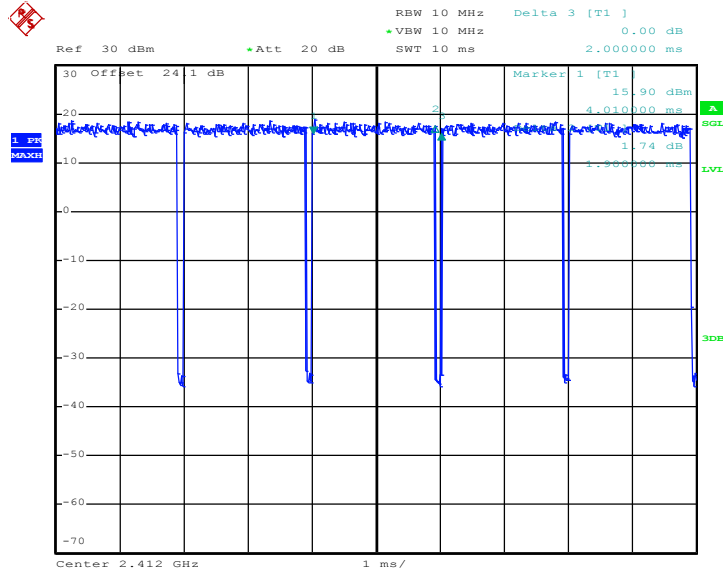


Date: 11.NOV.2016 09:25:51

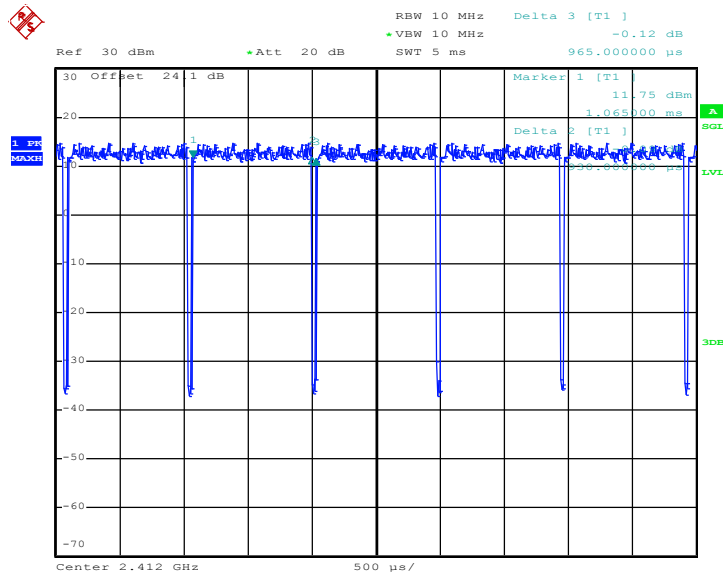
802.11g



Date: 11.NOV.2016 09:27:45

**802.11n HT20**


Date: 11.NOV.2016 09:29:58

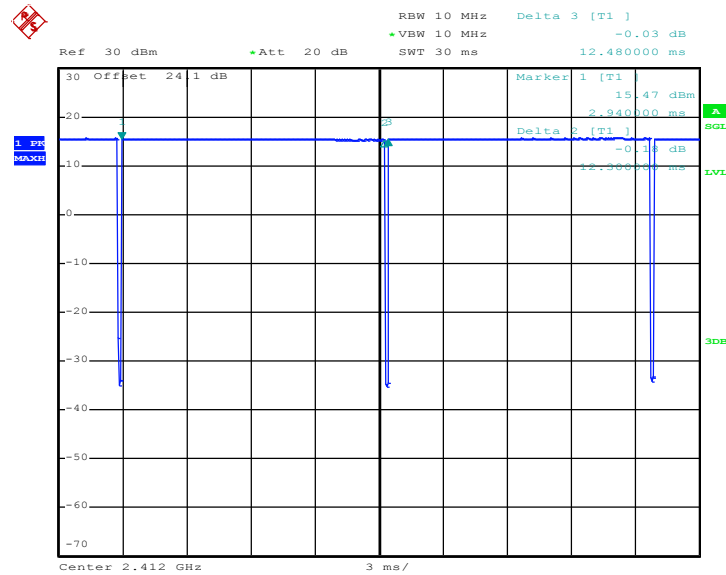
**802.11ac HT40**


Date: 11.NOV.2016 09:35:50



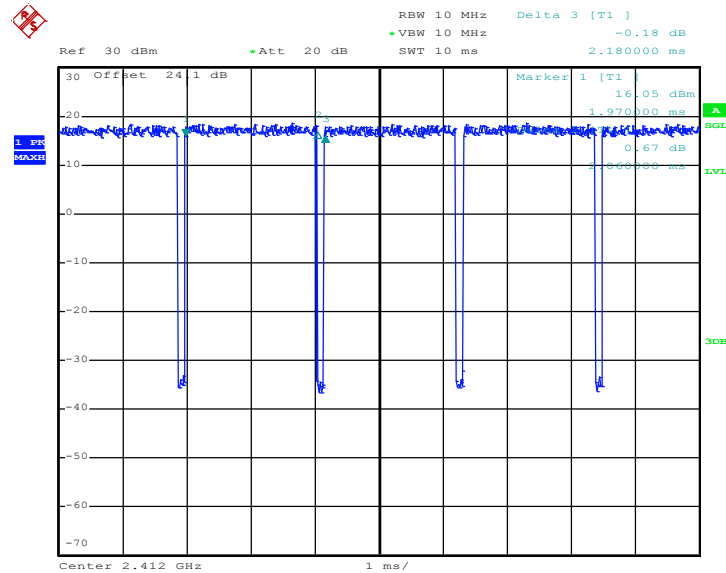
<Ant. 2>

802.11b



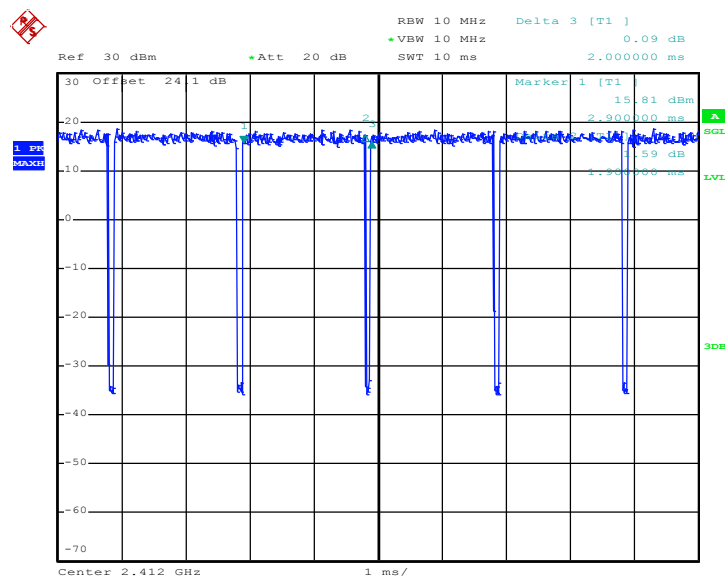
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802.11g



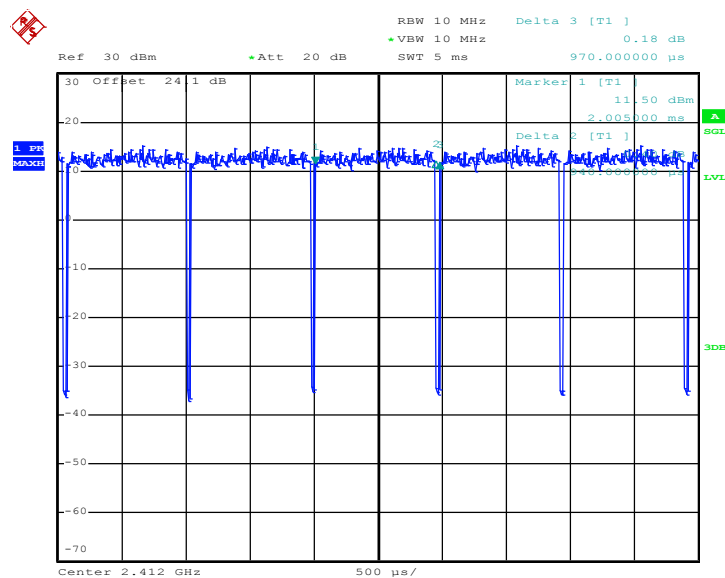
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## 802.11n HT20

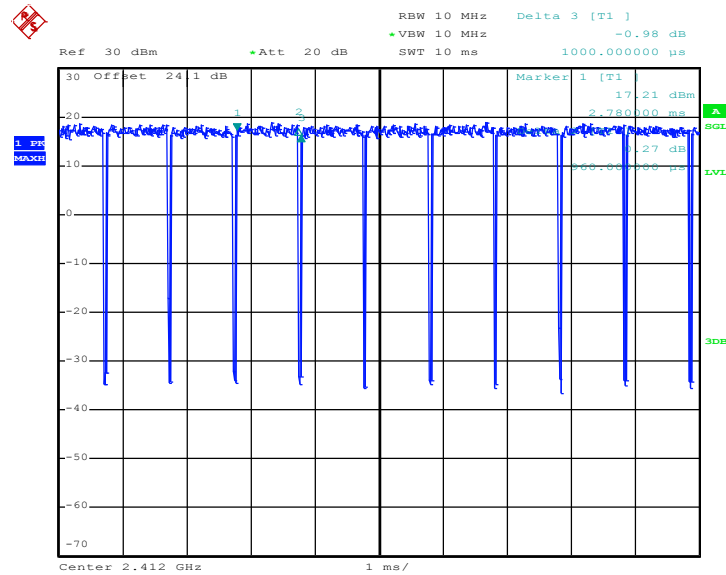


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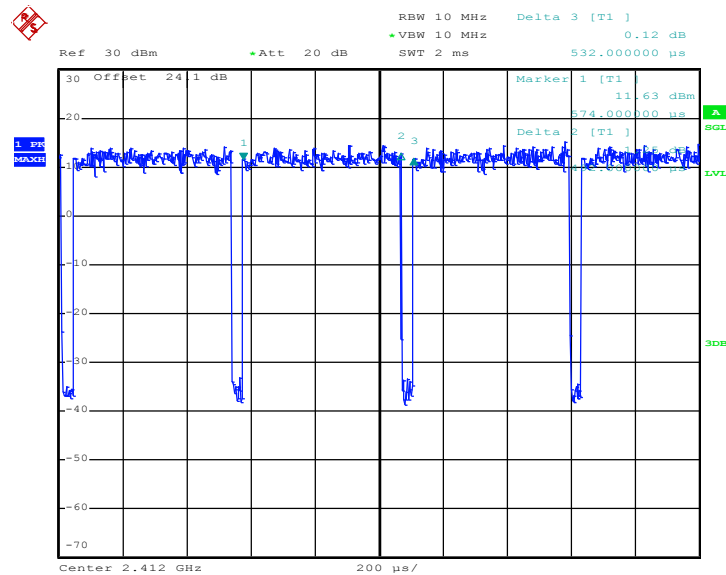
## 802.11n HT40



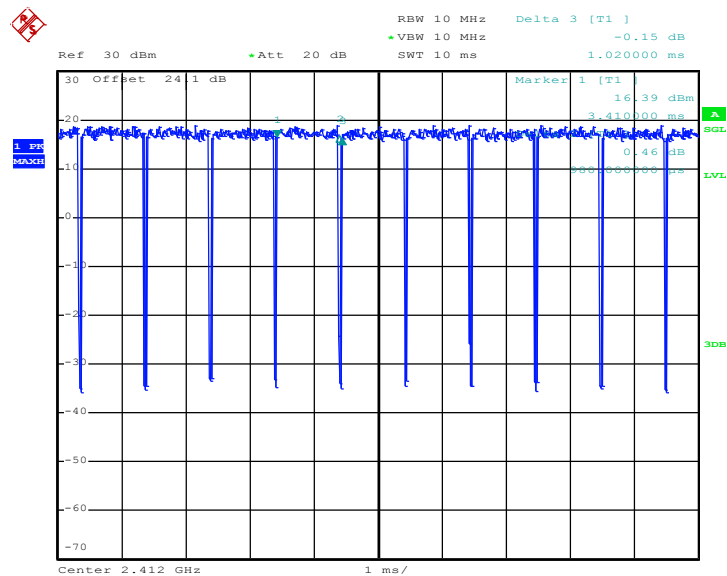
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**MIMO <Ant. 1+2(1)>**
**802.11n HT20**


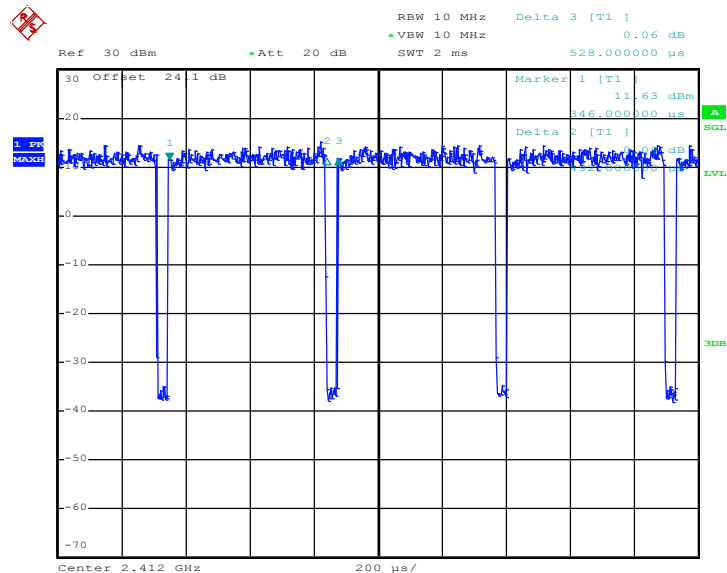
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**802.11n HT40**


Date: 11.NOV.2016 09:38:10

**MIMO <Ant. 1+2(2)>**
**802.11n HT20**


Date: 11.NOV.2016 09:33:35

**802.11n HT40**


Date: 11.NOV.2016 09:39:00

## Appendix E. Antenna Information

Antenna Information			
<b>Antenna 1</b>	Manufacturer	Amphenol	
	Antenna Type	Main: PIFA Antenna	Aux.: PIFA Antenna
	Part number	LX7847-16-000-C	LX7848-16-000-C
	Peak gain	Main Antenna : WLAN(2.4GHz): -6.76 WLAN(5GHz): -1.84	Aux. Antenna : WLAN(2.4GHz): -6.52 Bluetooth : -6.52 WLAN(5GHz): 0.14
<b>Antenna 2</b>	Manufacturer	Speedwire	
	Antenna Type	Main: PIFA Antenna	Aux.: PIFA Antenna
	Part number	F.0G.ZV-0006-003-00	F.0G.ZV-0006-004-00
	Peak gain	Main Antenna : WLAN(2.4GHz): 1.5 WLAN(5GHz): -1.97	Aux. Antenna : WLAN(2.4GHz): 1.68 Bluetooth : 1.68 WLAN(5GHz): -0.3