



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1	Vertical	Fundamental
Peak	Date: 15 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-SZ : PEAK_BE_74 3m HF_ANT_3117_0107 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz Project : 102129-01 Mode : Mode 23 SN : #7 G86104032027002V Plane : X with Accessory CE-01 Config : MCS0 powersetting 12.5	Date: 13 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-SZ : PEAK_74 3m HF_ANT_3117_0107 VERTICAL : RBW 1000.000kHz VBW 3000.000kHz Project : 102129-01 Mode : Mode 23 SN : #7 G86104032027002V Plane : X with Accessory CE-01 Config : MCS0 powersetting 12.5
Avg.	Date: 15 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-SZ : AVG_BE_54 3m HF_ANT_3117_0107 VERTICAL : RBW 1000.000kHz VBW 1.000kHz Project : 102129-01 Mode : Mode 23 SN : #7 G86104032027002V Plane : X with Accessory CE-01 Config : MCS0 powersetting 12.5	Date: 14 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-SZ : AVG_54 3m HF_ANT_3117_0107 VERTICAL : RBW 1000.000kHz VBW 1.000kHz Project : 102129-01 Mode : Mode 23 SN : #7 G86104032027002V Plane : X with Accessory CE-01 Config : MCS0 powersetting 12.5

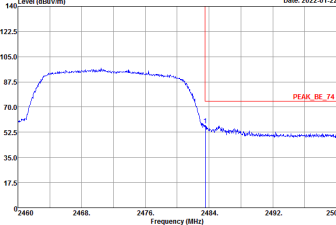
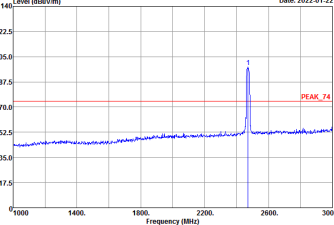
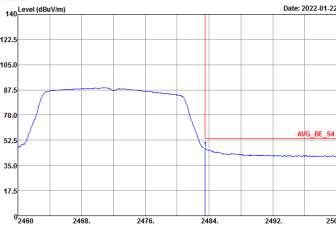
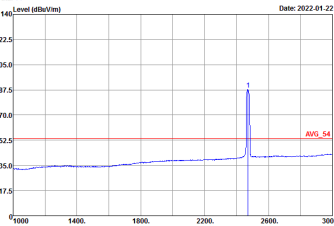


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Fundamental
Peak	Date: 11 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-S2 : PEAK_BE_74 3m HF_ANT_3117_0107 HORIZONTAL : RBW 1000.000kHz VSW 3000.000kHz Project : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 : MCS0 powersetting 8	Date: 9 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-S2 : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL : RBW 1000.000kHz VSW 3000.000kHz Project : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 : MCS0 powersetting 8
Avg.	Date: 12 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-S2 : AVG_BE_54 3m HF_ANT_3117_0107 HORIZONTAL : RBW 1000.000kHz VSW 1.000kHz Project : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 : MCS0 powersetting 8	Date: 10 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH02-S2 : AVG_54 3m HF_ANT_3117_0107 HORIZONTAL : RBW 1000.000kHz VSW 1.000kHz Project : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 : MCS0 powersetting 8



FCC RF Test Report

Report No. : FR102129-01C

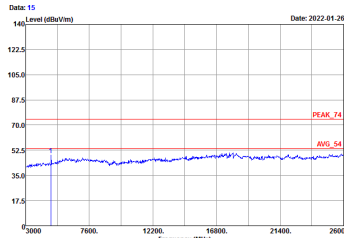
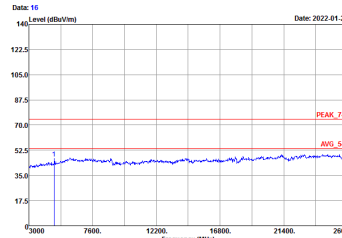
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Vertical	Fundamental
Peak	Date: 15 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH02-S2 Condition : PEAK_BE_74 3m HF_ANT_3117_0107 VERTICAL Project : RBW 1000.000kHz VBW 3000.000kHz Mode : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 MCS0 powersetting 8 PEAK_BE_74	Date: 13 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : RBW 1000.000kHz VBW 3000.000kHz Mode : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 MCS0 powersetting 8 PEAK_74
Avg.	Date: 15 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH02-S2 Condition : AVG_BE_54 3m HF_ANT_3117_0107 VERTICAL Project : RBW 1000.000kHz VBW 1.000kHz Mode : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 MCS0 powersetting 8 AVG_BE_54	Date: 14 Level (dBuV/m)  Frequency (MHz) Site Condition : 03CH02-S2 Condition : AVG_54 3m HF_ANT_3117_0107 VERTICAL Project : RBW 1000.000kHz VBW 1.000kHz Mode : 102129-01 Mode : Mode 24 SN : #7 G8B104032027002V Plane : X with Accessory Config : CE-01 MCS0 powersetting 8 AVG_54



2.4GHz 2400~2483.5MHz

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 15 SN : #7 G001094032027002V Plane : X with Accessory Config : CE-01 GM power setting 15 	Site : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 15 SN : #7 G001094032027002V Plane : X with Accessory Config : CE-01 GM power setting 15 



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 19 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 16 SN : #7.G8510H02027002V Plane : X with Accessory Config : CE-01 90M powersetting 15	Date: 20 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 16 SN : #7.G8510H02027002V Plane : X with Accessory Config : CE-01 90M powersetting 15



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 17 SN : #7 G8510H02027002V Plane : X with Accessory Config : CE-01 90M powersetting 15	Date: 16 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 17 SN : #7 G8510H02027002V Plane : X with Accessory Config : CE-01 90M powersetting 15



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 23 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 18 SN : #F 08B10H02007002V Plane : X with Accessory Config : CE-01 6M powersetting 13.5	Date: 24 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 18 SN : #F 08B10H02007002V Plane : X with Accessory Config : CE-01 6M powersetting 13.5



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 23 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 19 SN : #F1G8B10H02007002V Plane : X with Accessory Config : CE-01 6M powersetting 10	Date: 24 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 19 SN : #F1G8B10H02007002V Plane : X with Accessory Config : CE-01 6M powersetting 10



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	Horizontal	Vertical
Peak Avg.	Site : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 20 SN : #7 G00194032027002V Plane : X with Accessory Config : CE-01 MCS0 powersetting 15	Site : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 20 SN : #7 G00194032027002V Plane : X with Accessory Config : CE-01 MCS0 powersetting 15



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 19 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 21 SN : #F 08B19H02007002V Plane : X with Accessory Config : CE-01 MCS0 power setting 15	Date: 20 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 21 SN : #F 08B19H02007002V Plane : X with Accessory Config : CE-01 MCS0 power setting 15



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 15 Site : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 22 SN : #F 08B10H02007002V Plane : X with Accessory Config : CE-01 MCS0 power setting 15	Date: 16 Site : 03CH02-S2 Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 22 SN : #F 08B10H02007002V Plane : X with Accessory Config : CE-01 MCS0 power setting 15

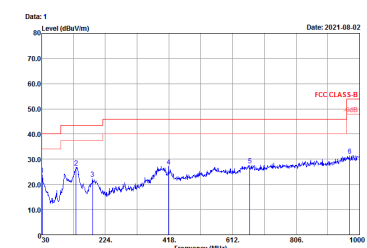
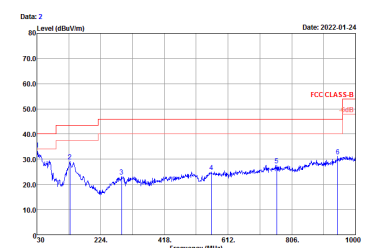


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2462MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 23 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 23 SN : #1 G86119402007062V Plane : X with Accessory Config : CE-01 MCS0 power setting 12.5	Date: 24 Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 23 SN : #1 G86119402007062V Plane : X with Accessory Config : CE-01 MCS0 power setting 12.5



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Vertical
Peak Avg.	Date: 23 Level (dBuV/m) Frequency (MHz) Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 HORIZONTAL Project : 102129-01 Mode : Mode 24 SN : #F 08B10H02007002V Plane : X with Accessory Config : CE-01 MCS0 power setting 8	Date: 24 Level (dBuV/m) Frequency (MHz) Site : 03CH02-SZ Condition : PEAK_74 3m HF_ANT_3117_0107 VERTICAL Project : 102129-01 Mode : Mode 24 SN : #F 08B10H02007002V Plane : X with Accessory Config : CE-01 MCS0 power setting 8

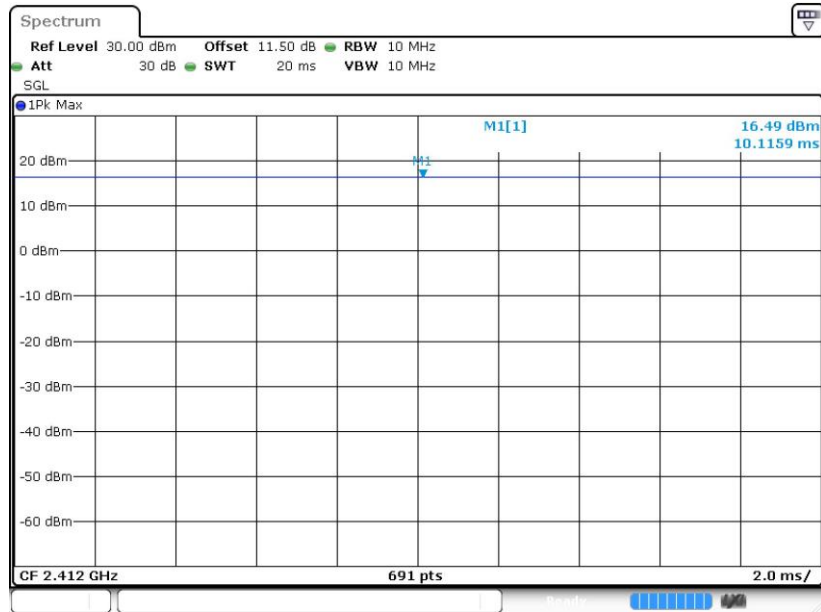
Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1	Horizontal	Vertical
QP / Peak	 Date: 1 Level (dBuV/m) Date: 2021-08-02 Site: 03CH02-SZ Condition: FCC CLASS-B 3m LF35407_CBL6112D_6 Horizontal Pretest: 102129-01 Mode: 19 SN: #7-008104032027002V Plane: X with Accessory Config: CE-01 6M powersetting 10	 Date: 2 Level (dBuV/m) Date: 2022-01-24 Site: 03CH02-SZ Condition: FCC CLASS-B 3m LF35407_CBL6112D_6 Vertical Pretest: 102129-01 Mode: 19 SN: #7-008104032027002V Plane: X with Accessory Config: CE-01 6M powersetting 10

Appendix E. Duty Cycle Plots

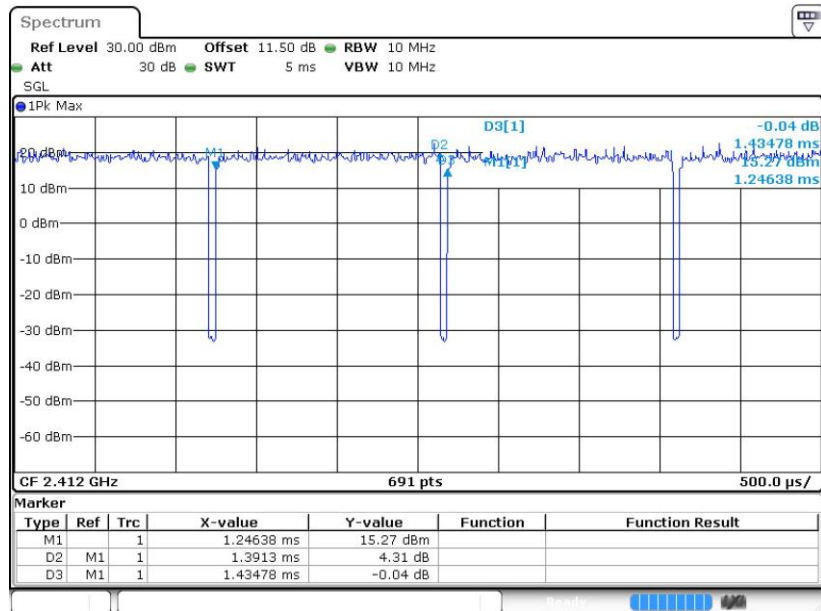
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	96.97	1.391	0.719	1KHz
802.11n HT20	96.77	1.304	0.767	1KHz

802.11b



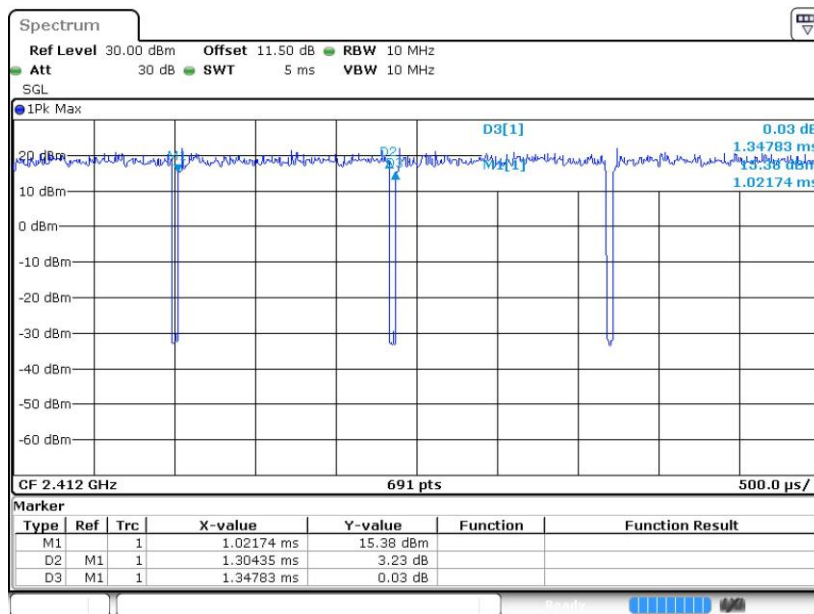
Date: 21.JAN.2022 19:08:30

802.11g



Date: 21.JAN.2022 20:01:17

802.11n HT20



Date: 21 JAN 2022 20:04:21