

Plots: OFDM / ac – mode HT20

Plot 1: 30 MHz to 1 GHz, 5180 MHz, vertical & horizontal polarization

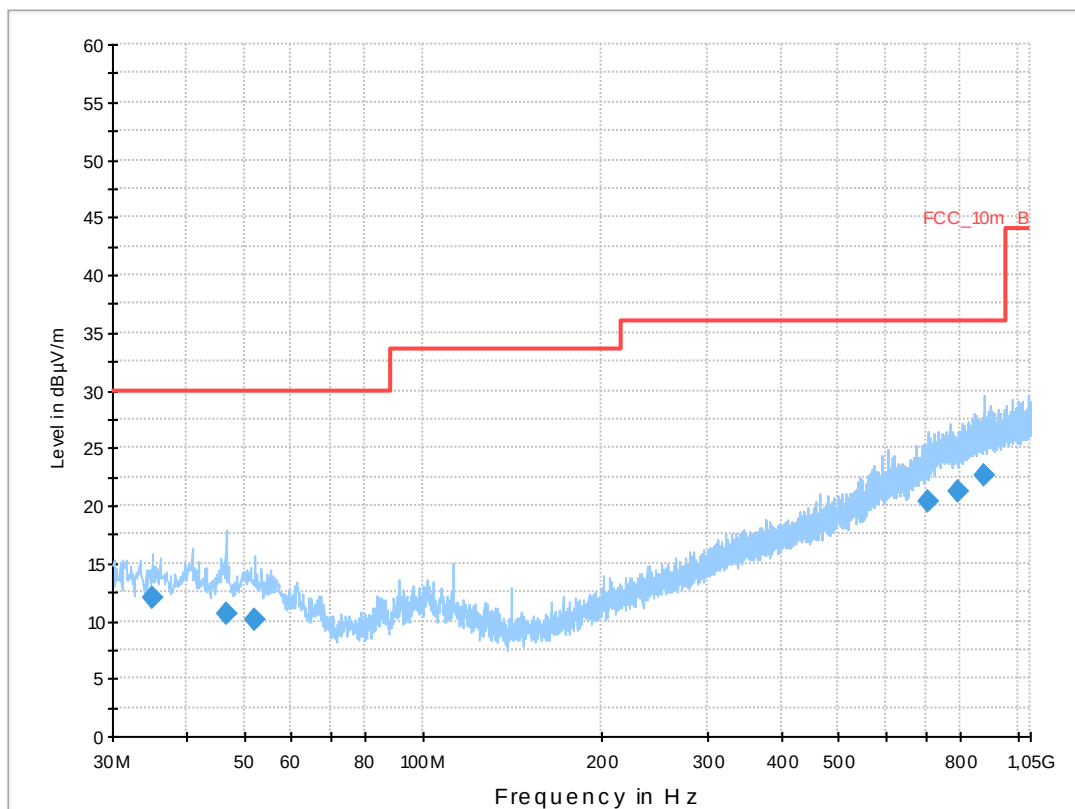
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 36
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

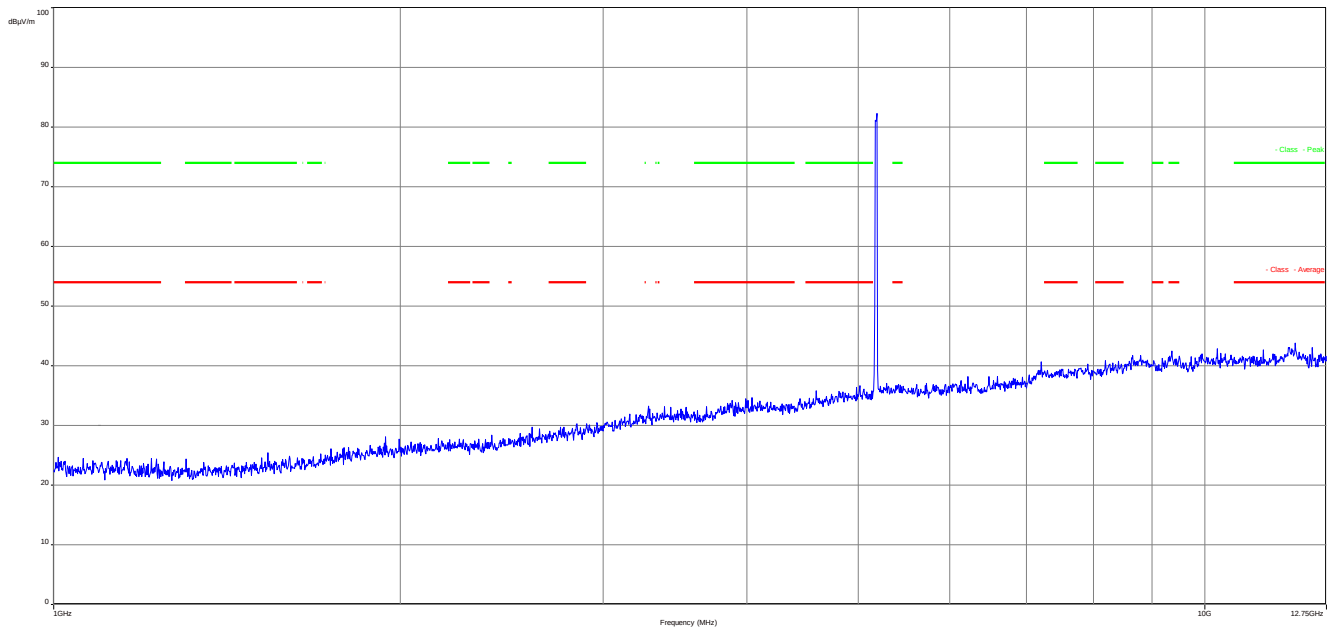
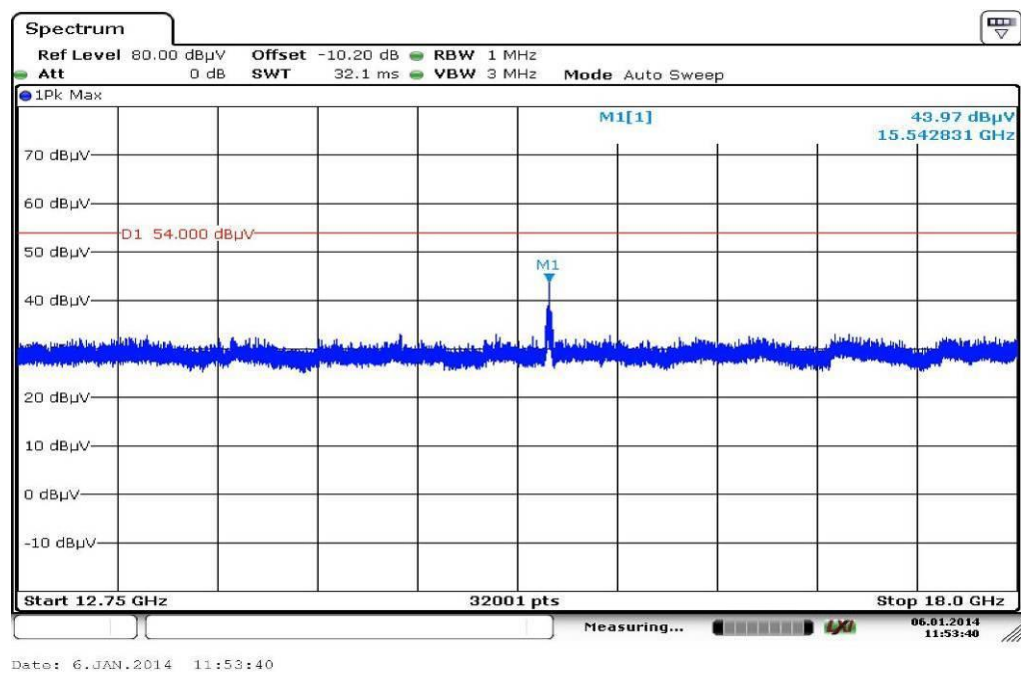
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

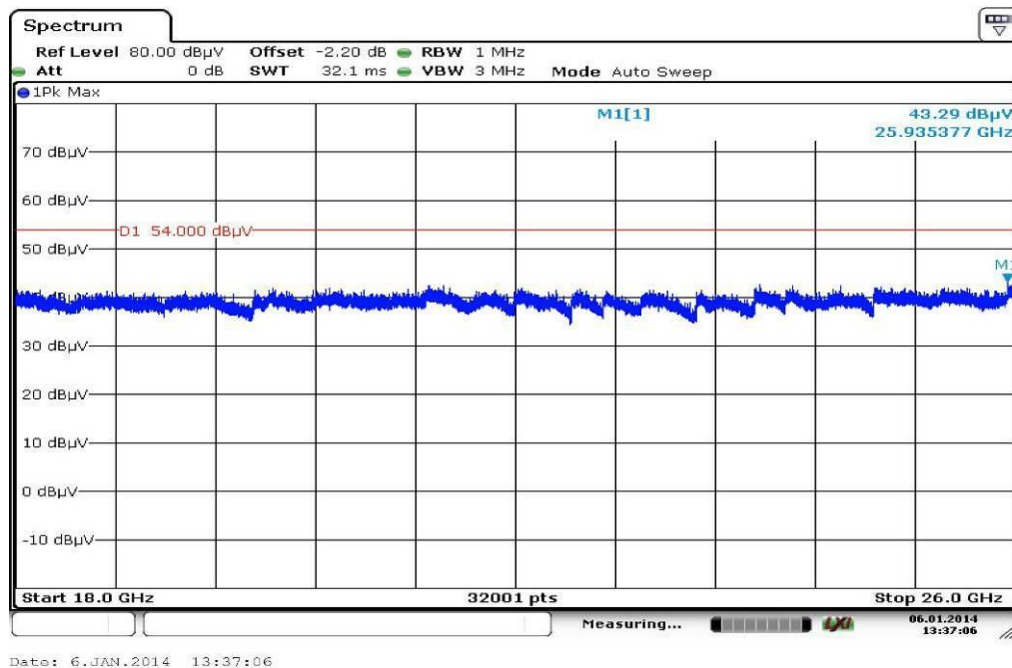
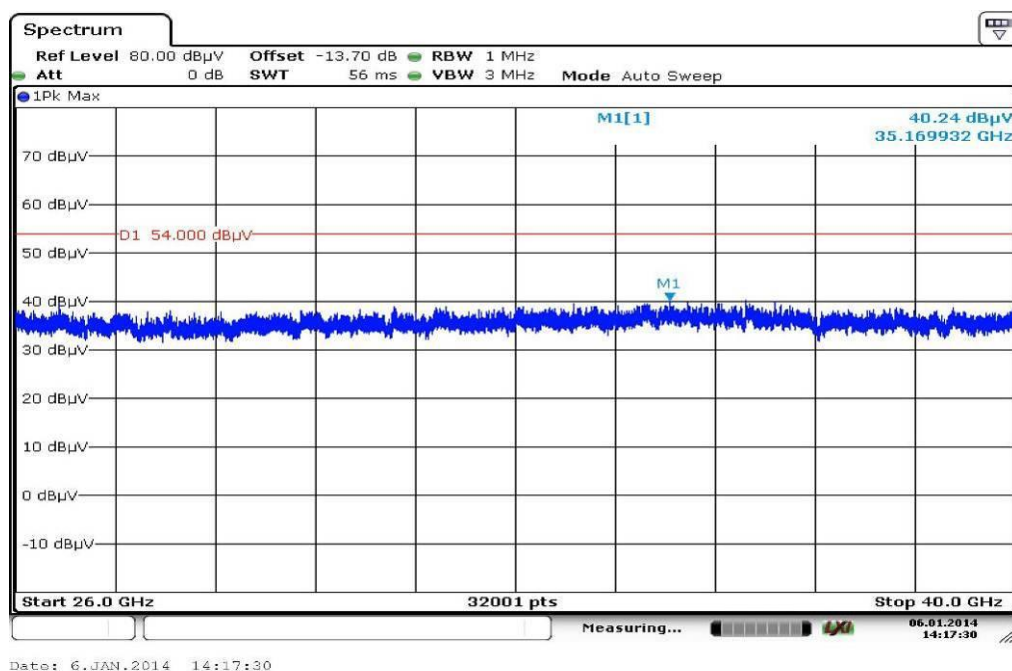
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
35.040000	12.0	1000.0	120.000	195.0	V	35.0	13.0	18.0	30.0	
46.560000	10.5	1000.0	120.000	111.0	V	137.0	13.3	19.5	30.0	
52.080000	10.1	1000.0	120.000	258.0	V	144.0	13.2	19.9	30.0	
707.280000	20.3	1000.0	120.000	270.0	V	46.0	22.7	15.7	36.0	
796.440000	21.2	1000.0	120.000	270.0	V	294.0	23.8	14.8	36.0	
878.760000	22.6	1000.0	120.000	270.0	H	223.0	24.9	13.4	36.0	

Plot 2: 1 GHz to 12.75 GHz, 5180 MHz, vertical & horizontal polarization**Plot 3:** 12 GHz to 18 GHz, 5180 MHz, vertical & horizontal polarization

Plot 4: 18 GHz to 26 GHz, 5180 MHz, vertical & horizontal polarization**Plot 5:** 26 GHz to 40 GHz, 5180 MHz, vertical & horizontal polarization

Plot 6: 30 MHz to 1 GHz, 5240 MHz, vertical & horizontal polarization

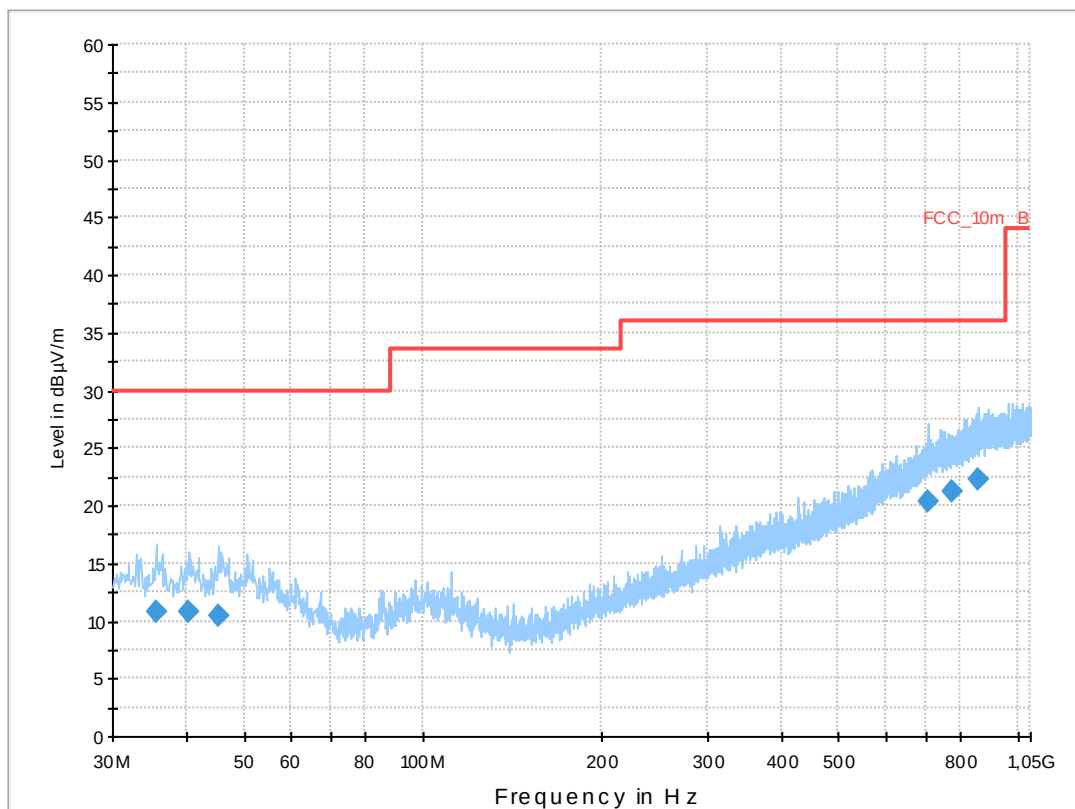
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 48
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

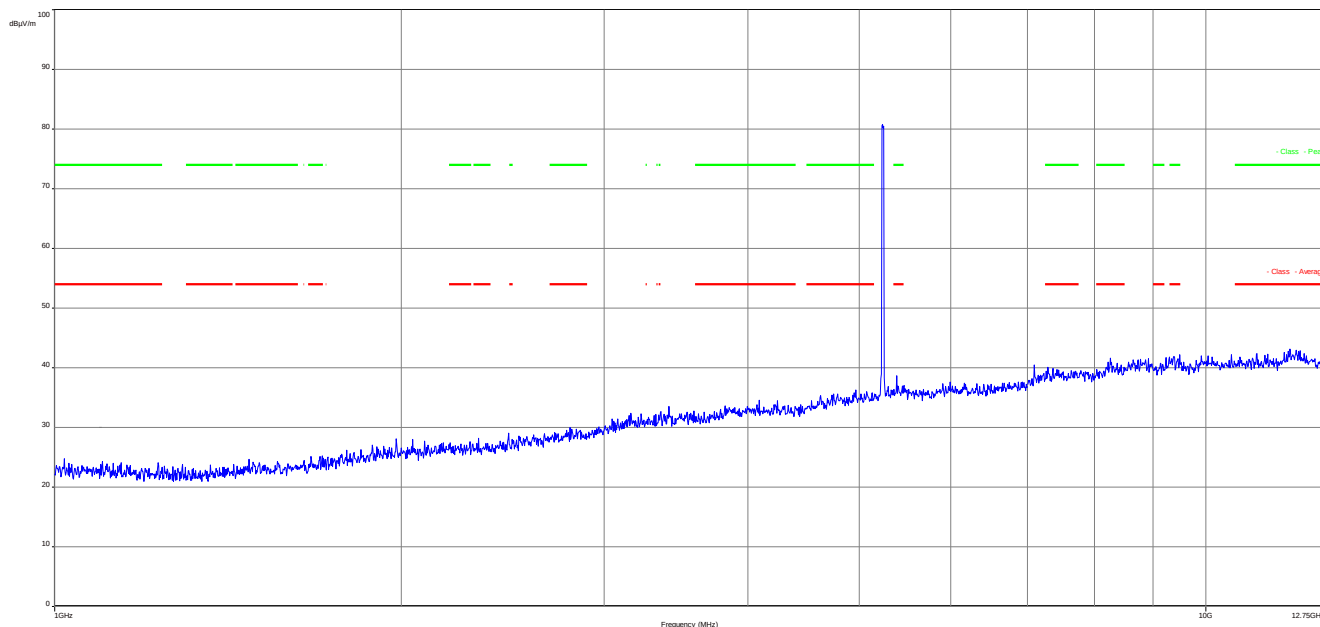
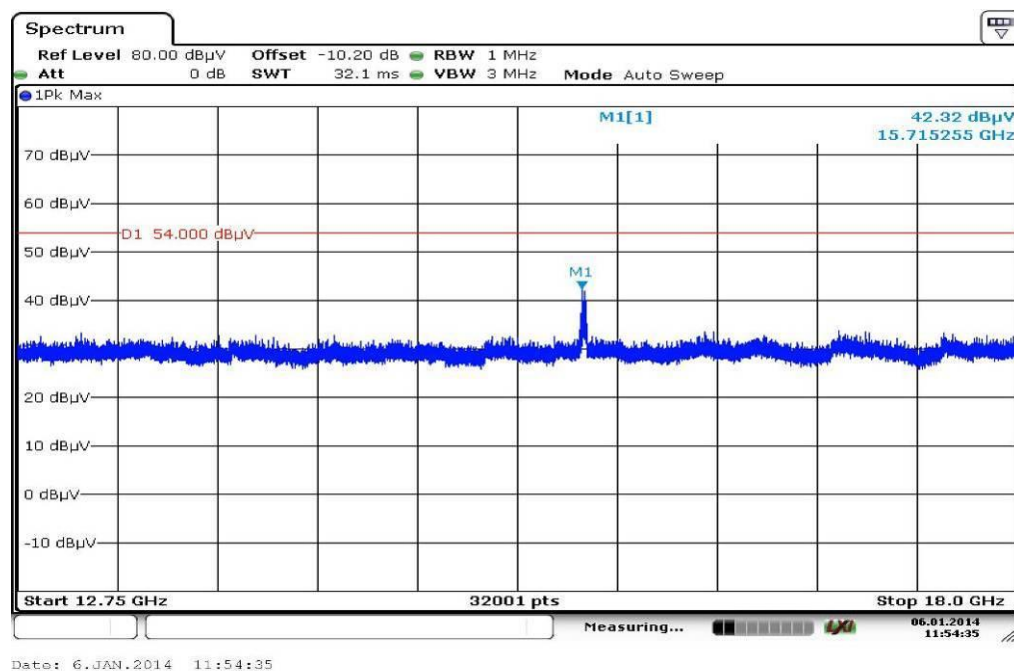
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

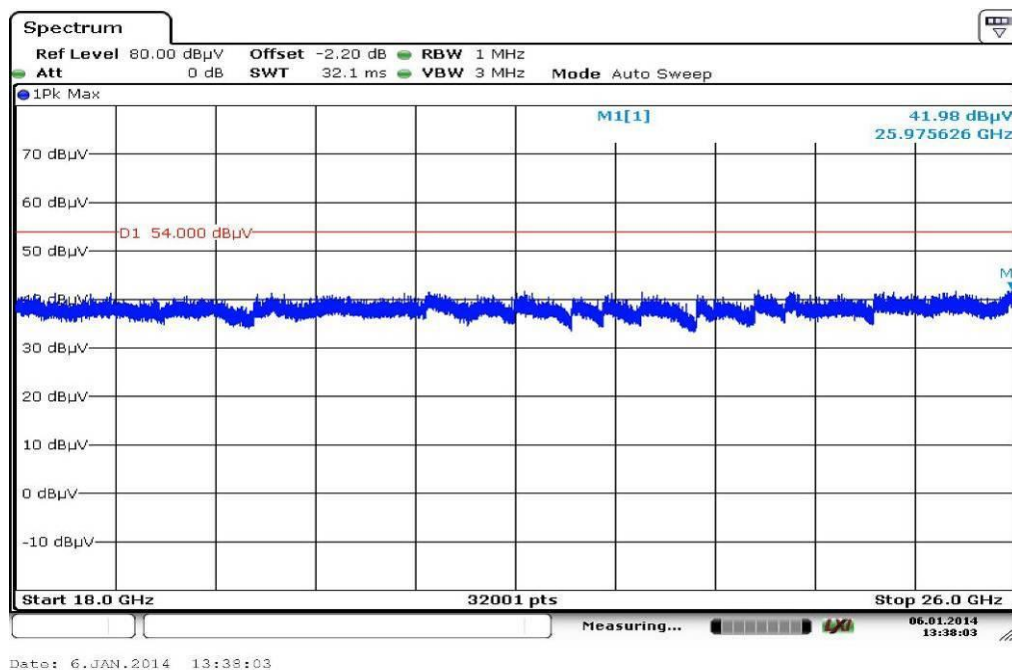
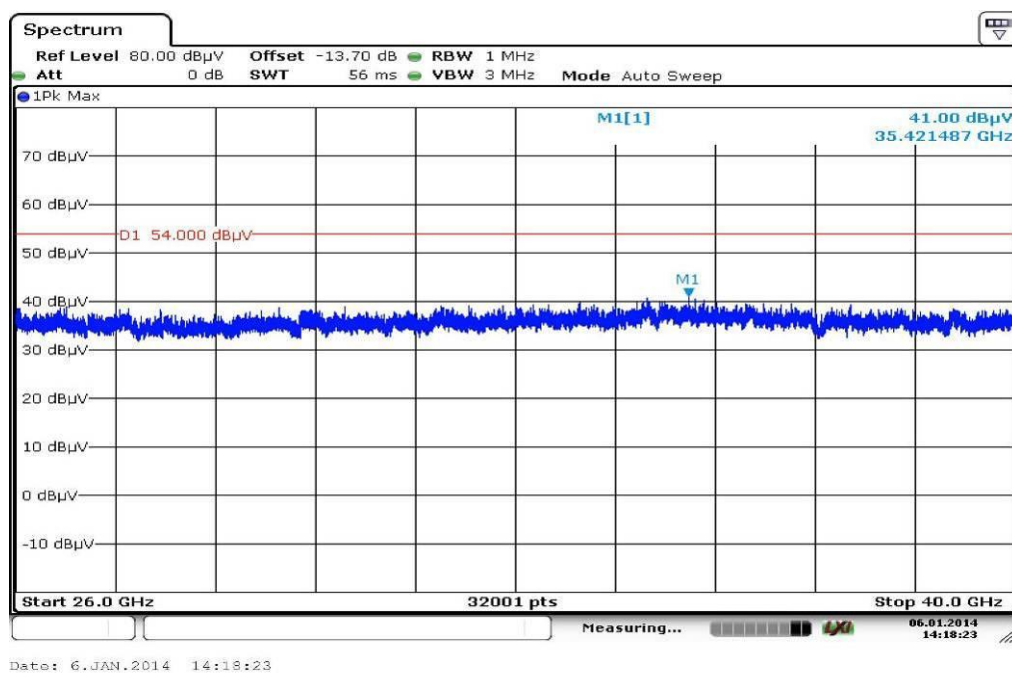
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
35.520000	10.7	1000.0	120.000	224.0	V	240.0	13.1	19.3	30.0	
40.200000	10.8	1000.0	120.000	270.0	H	52.0	13.4	19.2	30.0	
45.120000	10.4	1000.0	120.000	270.0	H	114.0	13.3	19.6	30.0	
708.240000	20.3	1000.0	120.000	270.0	H	206.0	22.7	15.7	36.0	
774.000000	21.2	1000.0	120.000	270.0	V	68.0	23.7	14.8	36.0	
859.080000	22.3	1000.0	120.000	110.0	H	177.0	24.7	13.7	36.0	

Plot 7: 1 GHz to 12.75 GHz, 5240 MHz, vertical & horizontal polarization**Plot 8:** 12 GHz to 18 GHz, 5240 MHz, vertical & horizontal polarization

Plot 9: 18 GHz to 26 GHz, 5240 MHz, vertical & horizontal polarization**Plot 10:** 26 GHz to 40 GHz, 5240 MHz, vertical & horizontal polarization

Plot 11: 30 MHz to 1 GHz, 5260 MHz, vertical & horizontal polarization

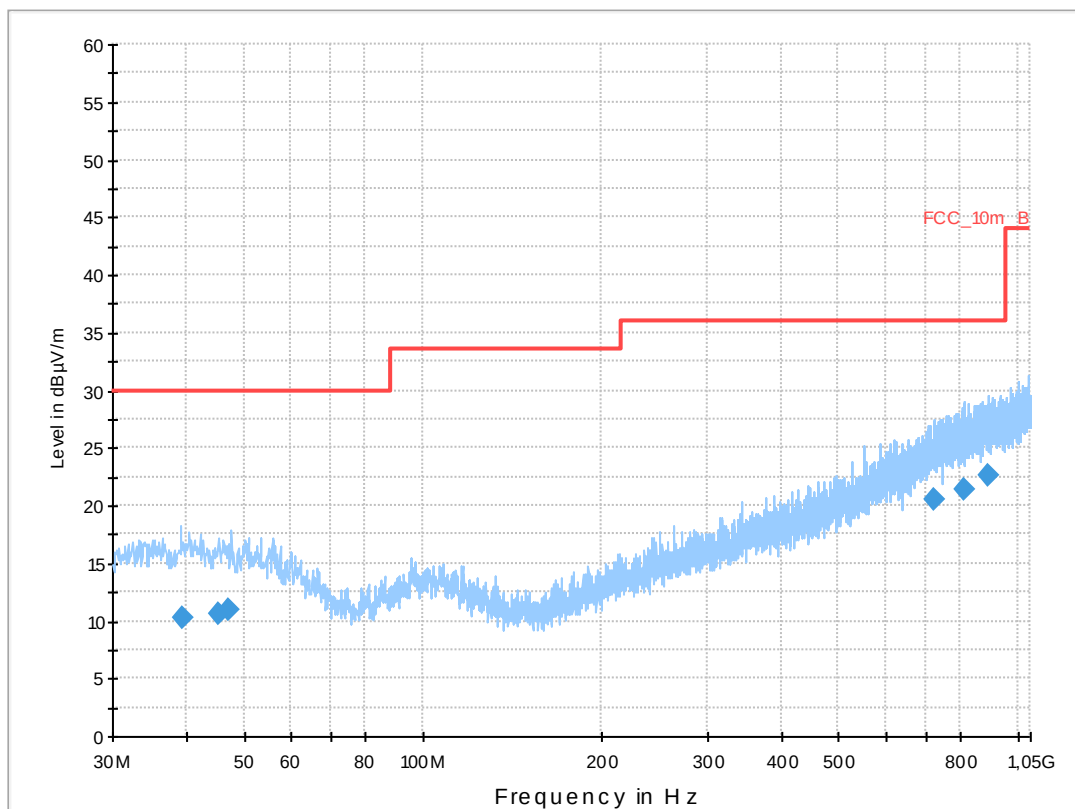
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 52
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

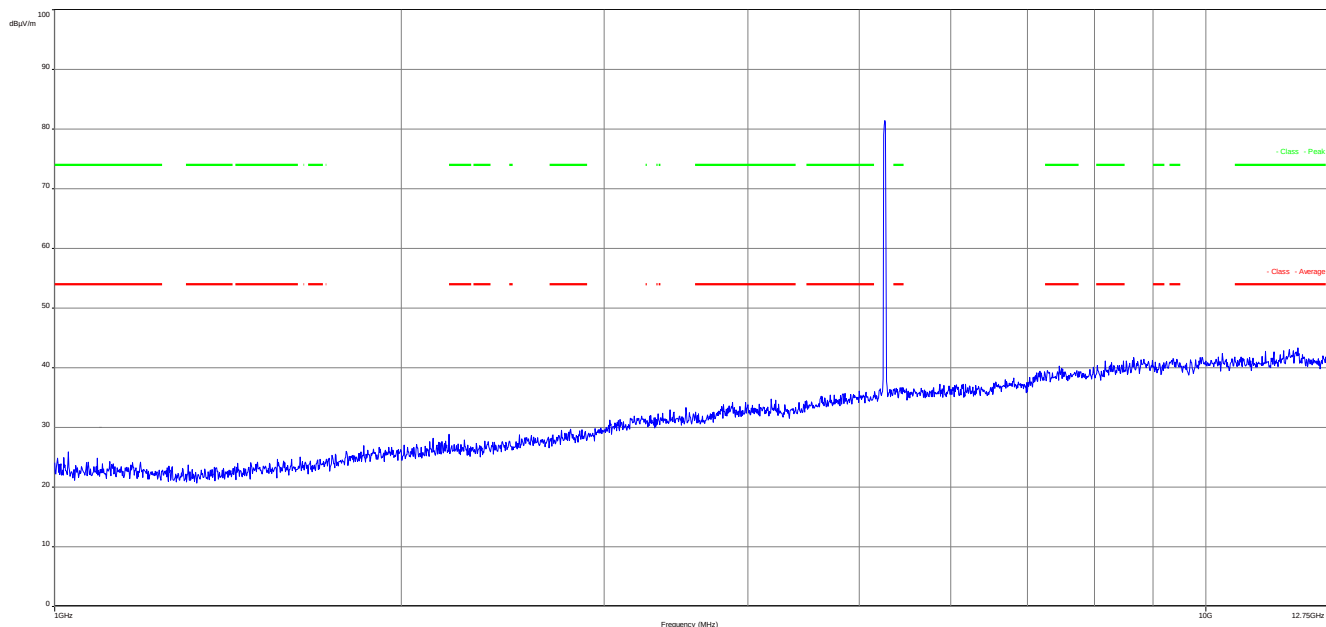
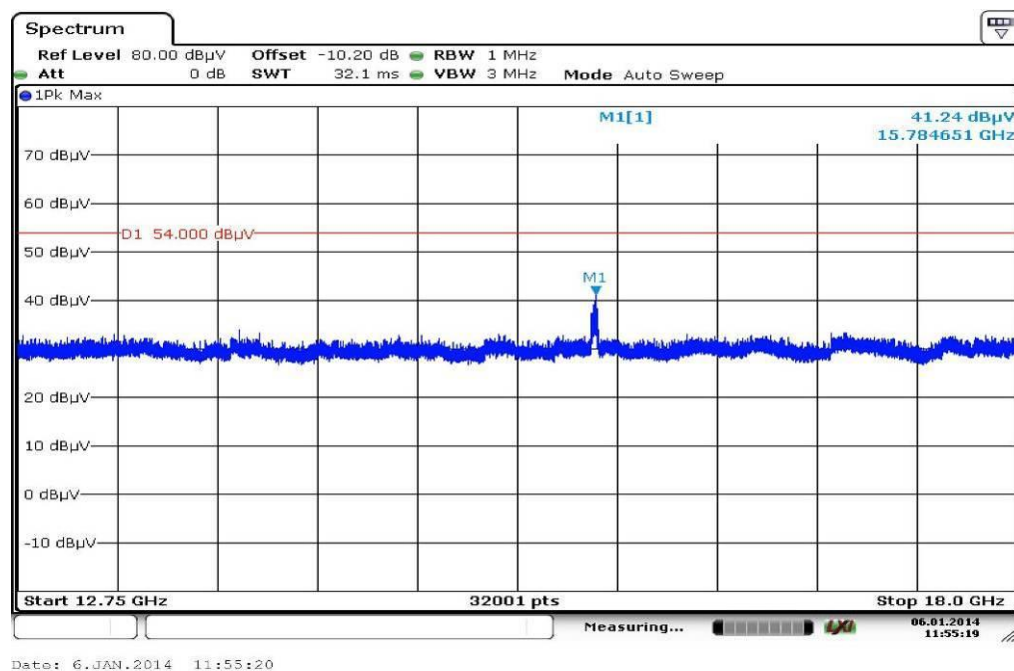
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

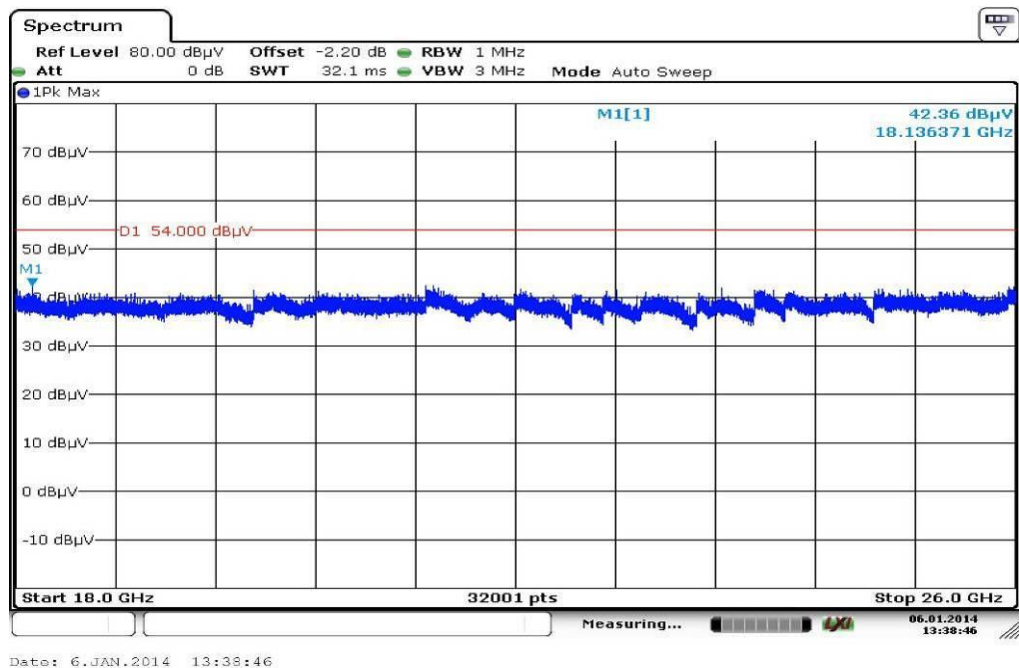
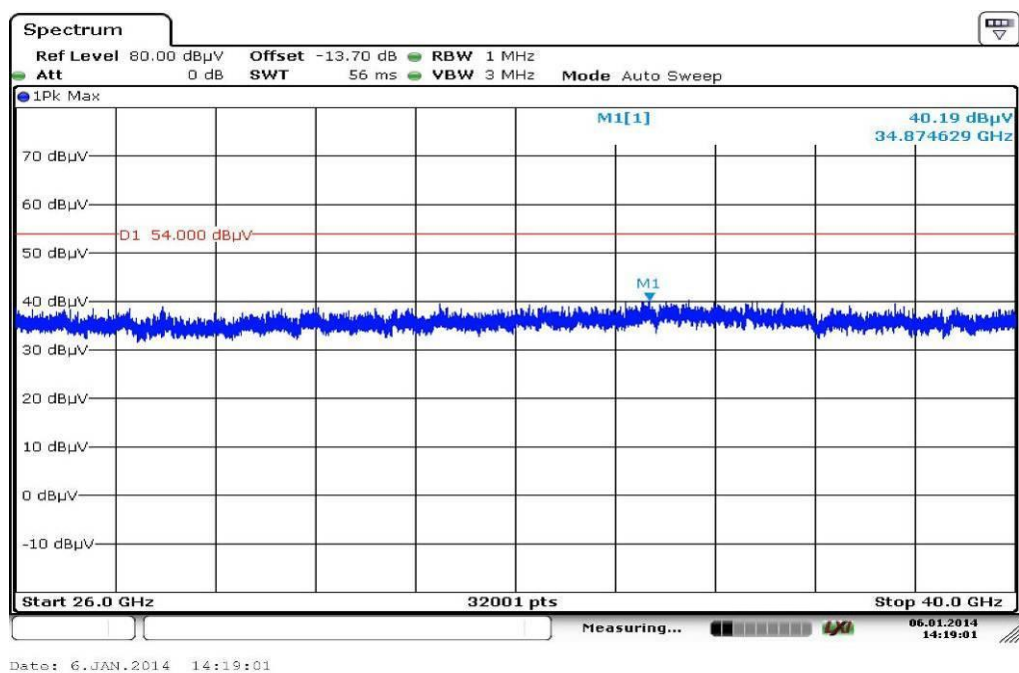
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
39.355500	10.3	1000.0	120.000	98.0	V	270.0	13.4	19.7	30.0	
45.403200	10.6	1000.0	120.000	170.0	H	190.0	13.3	19.4	30.0	
47.059950	10.9	1000.0	120.000	98.0	V	2.0	13.3	19.1	30.0	
721.805700	20.6	1000.0	120.000	170.0	V	272.0	23.0	15.4	36.0	
810.724950	21.4	1000.0	120.000	104.0	V	267.0	24.0	14.6	36.0	
894.081600	22.6	1000.0	120.000	170.0	H	10.0	25.1	13.4	36.0	

Plot 12: 1 GHz to 12.75 GHz, 5260 MHz, vertical & horizontal polarization**Plot 13:** 12 GHz to 18 GHz, 5260 MHz, vertical & horizontal polarization

Plot 14: 18 GHz to 26 GHz, 5260 MHz, vertical & horizontal polarization**Plot 15:** 26 GHz to 40 GHz, 5260 MHz, vertical & horizontal polarization

Plot 16: 30 MHz to 1 GHz, 5320 MHz, vertical & horizontal polarization

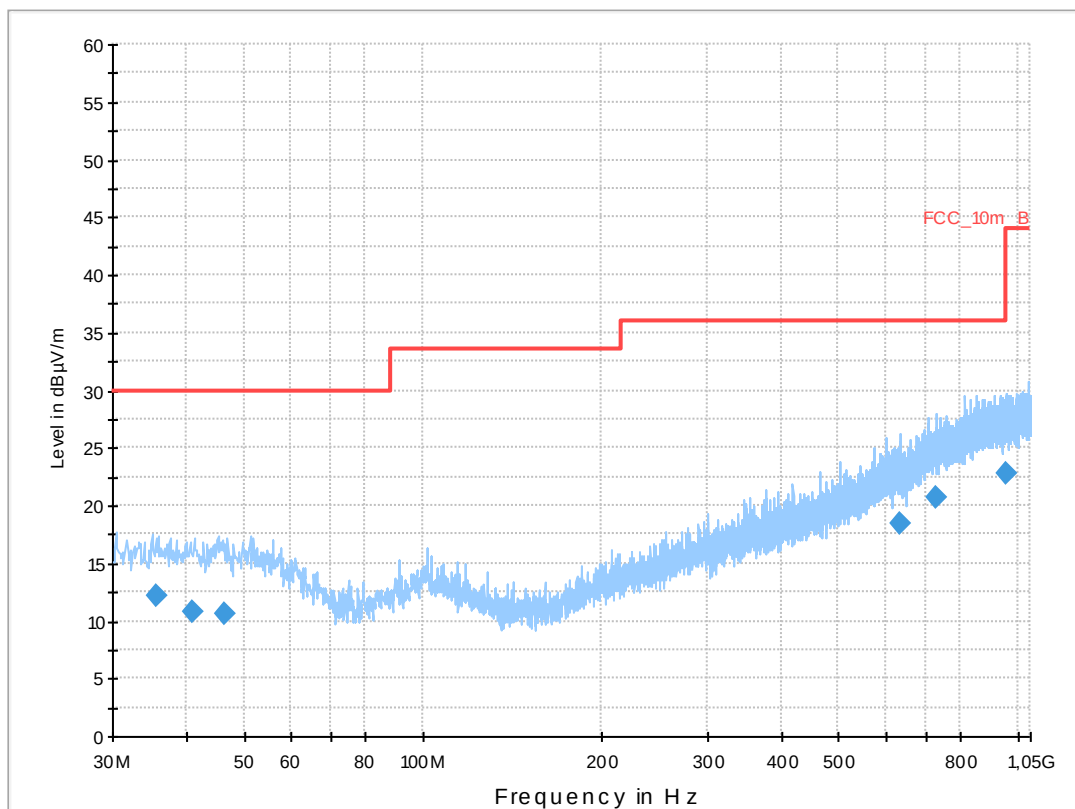
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 64
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

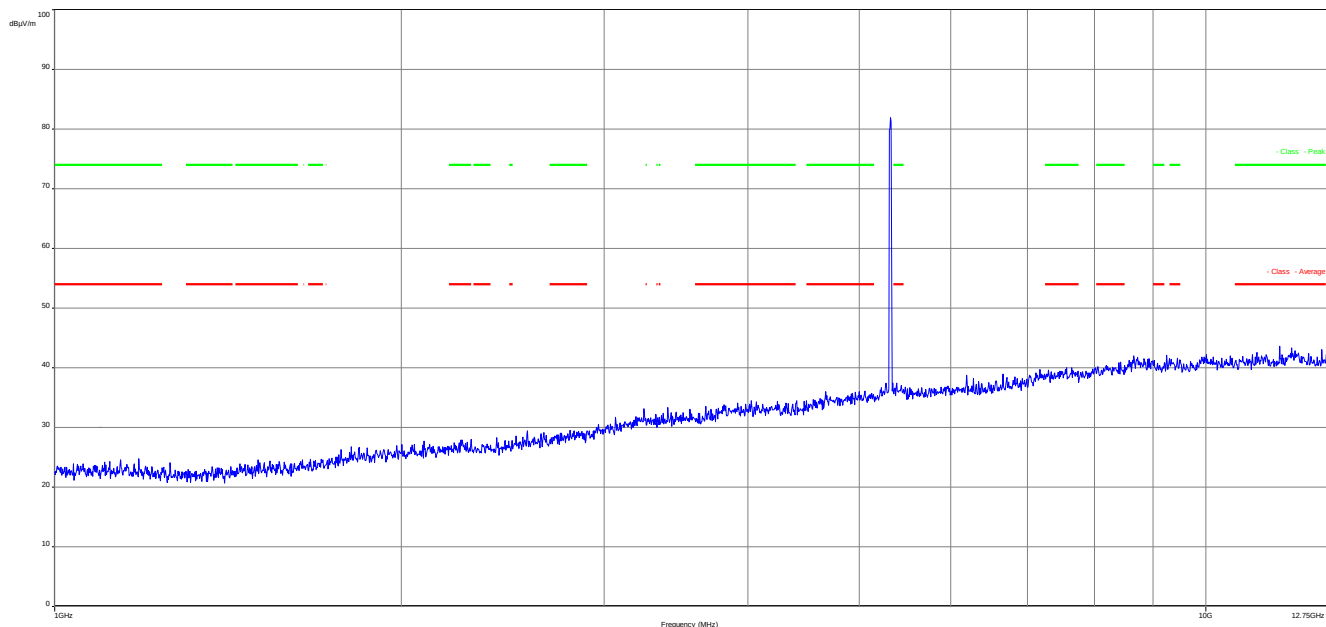
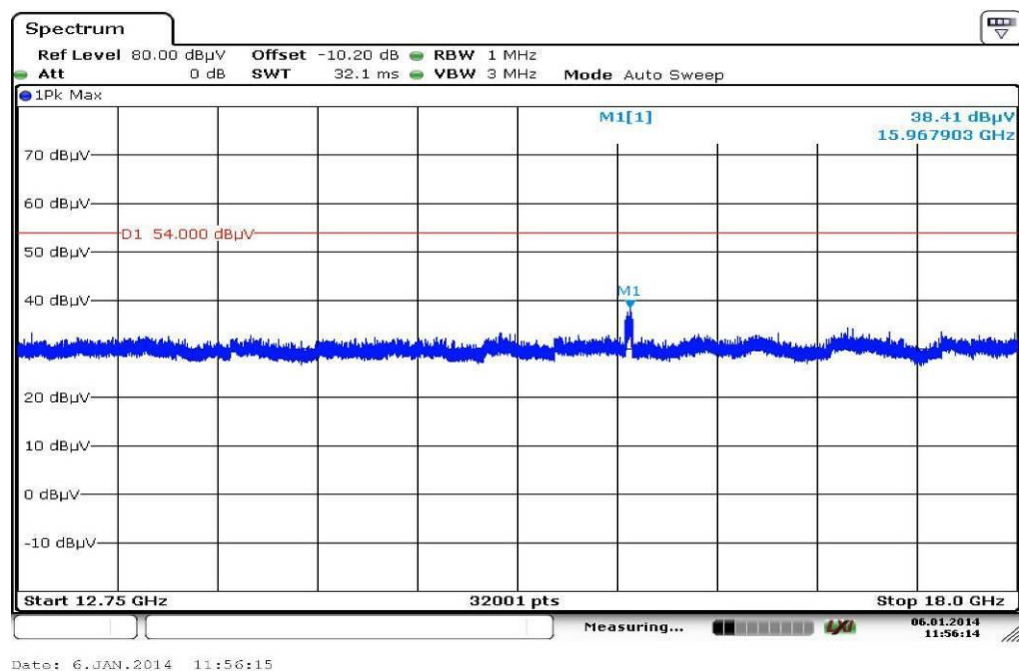
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

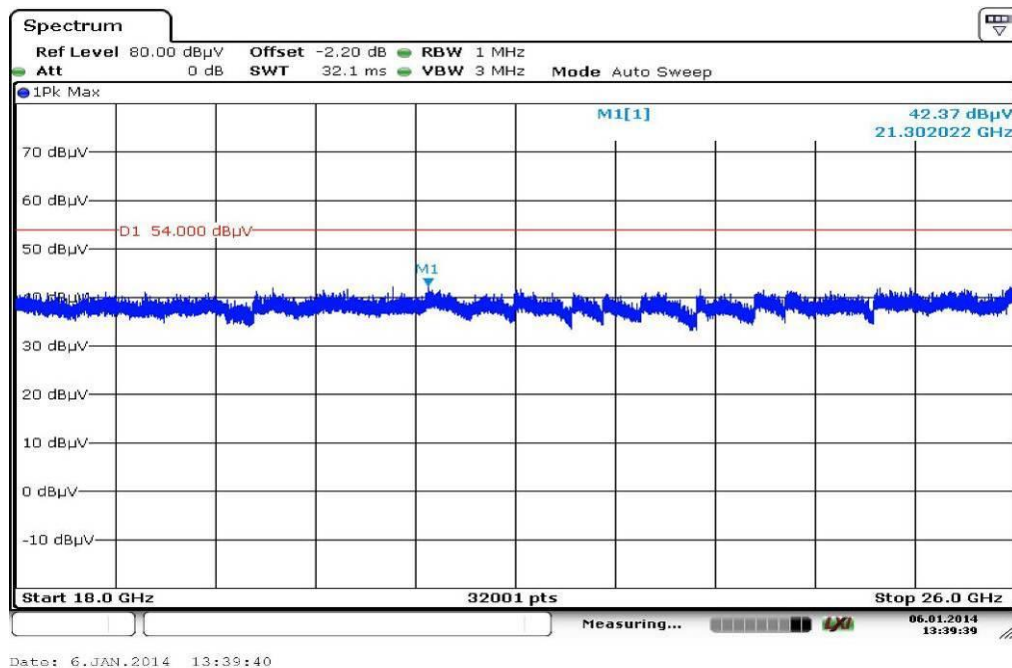
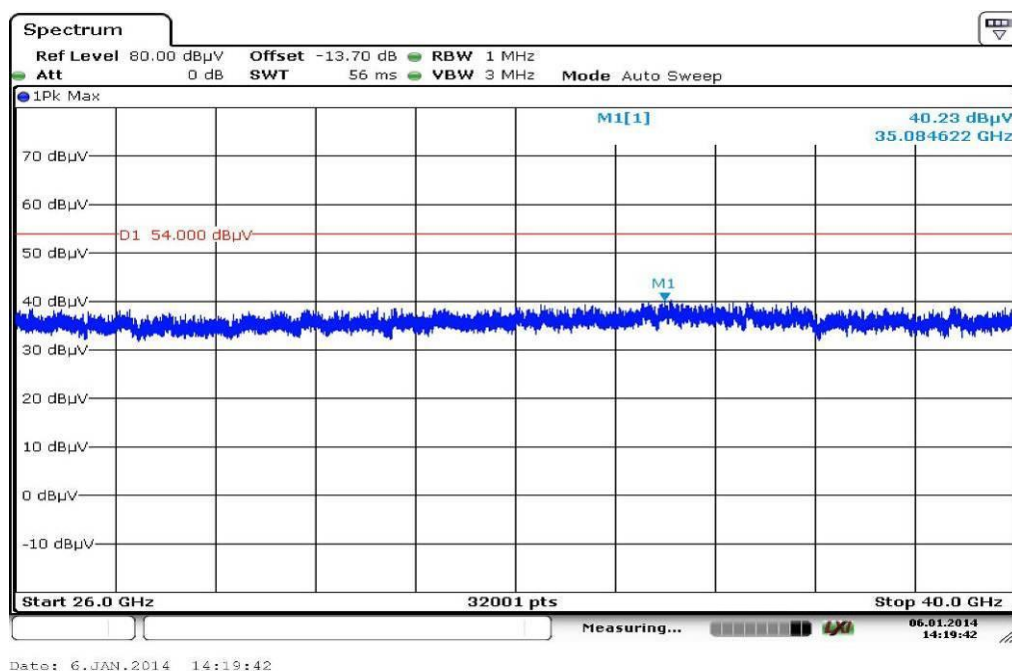
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
35.454600	12.1	1000.0	120.000	170.0	V	-10.0	13.1	17.9	30.0	
40.940250	10.8	1000.0	120.000	170.0	V	0.0	13.4	19.2	30.0	
46.316850	10.6	1000.0	120.000	98.0	H	182.0	13.3	19.4	30.0	
632.521950	18.5	1000.0	120.000	170.0	V	100.0	21.0	17.5	36.0	
730.302000	20.7	1000.0	120.000	170.0	H	10.0	23.2	15.3	36.0	
956.672400	22.8	1000.0	120.000	170.0	H	-1.0	25.4	13.2	36.0	

Plot 17: 1 GHz to 12.75 GHz, 5320 MHz, vertical & horizontal polarization**Plot 18:** 12 GHz to 18 GHz, 5320 MHz, vertical & horizontal polarization

Plot 19: 18 GHz to 26 GHz, 5320 MHz, vertical & horizontal polarization**Plot 20:** 26 GHz to 40 GHz, 5320 MHz, vertical & horizontal polarization

Plot 21: 30 MHz to 1 GHz, 5500 MHz, vertical & horizontal polarization

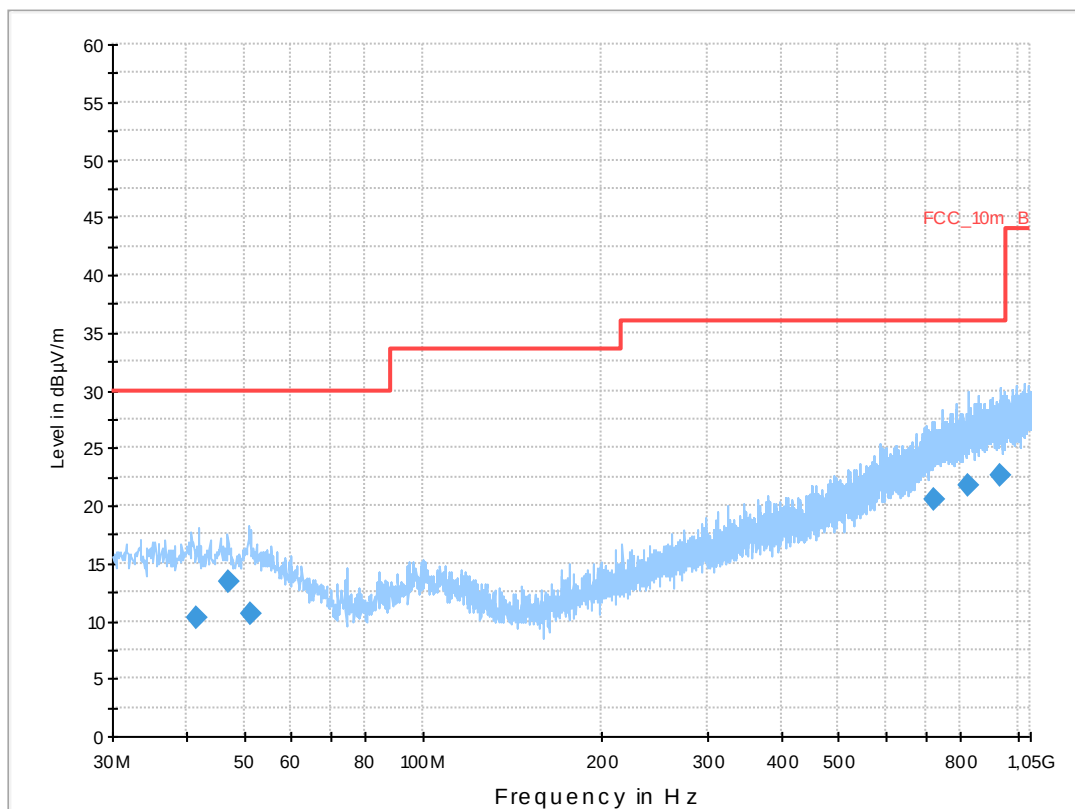
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 100
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

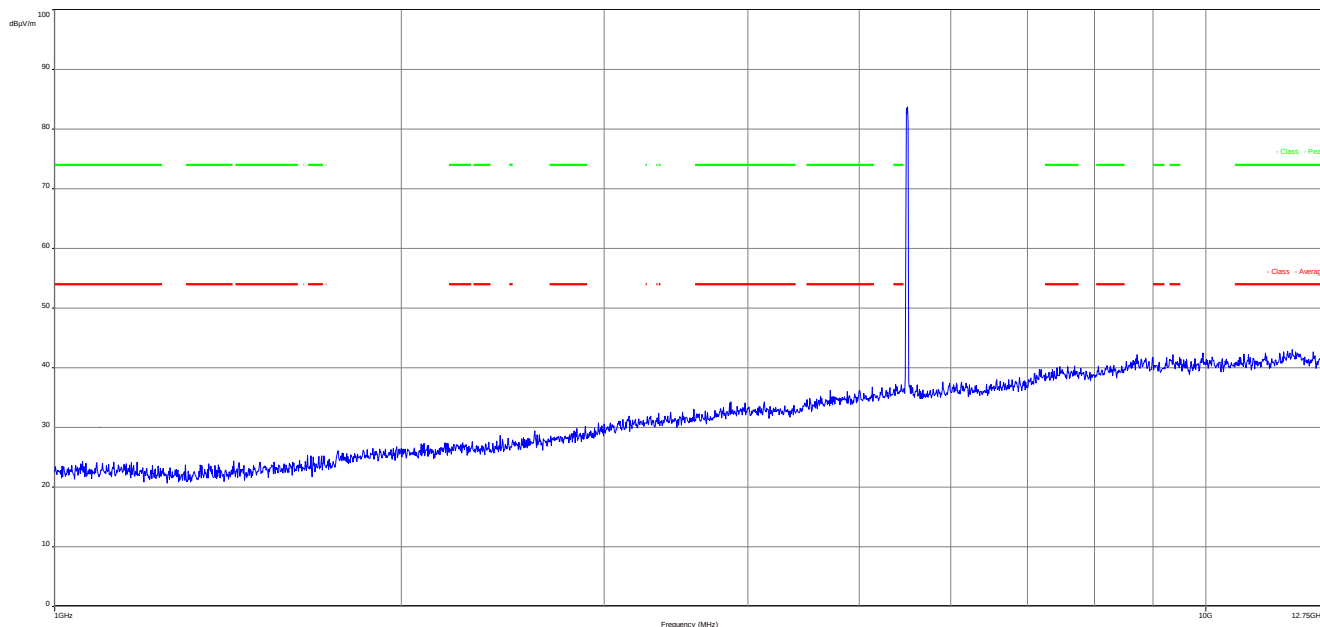
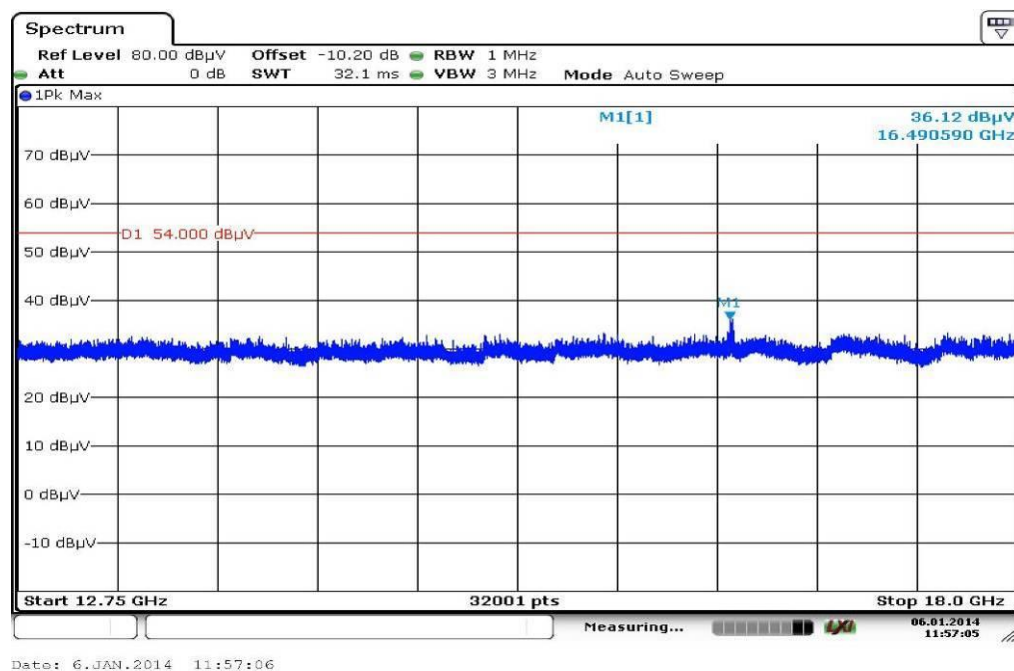
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

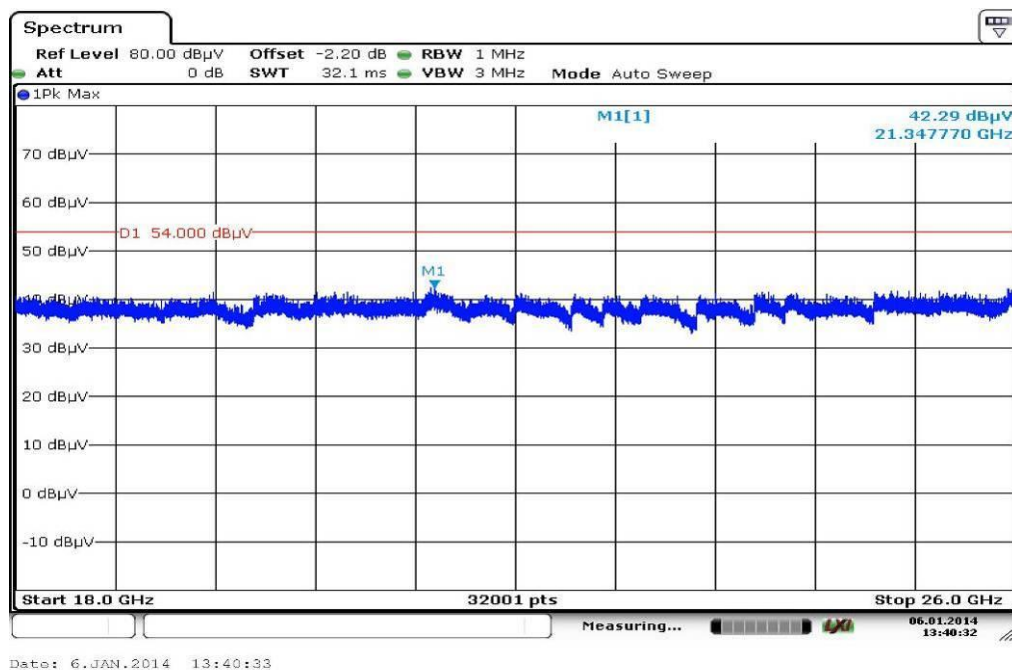
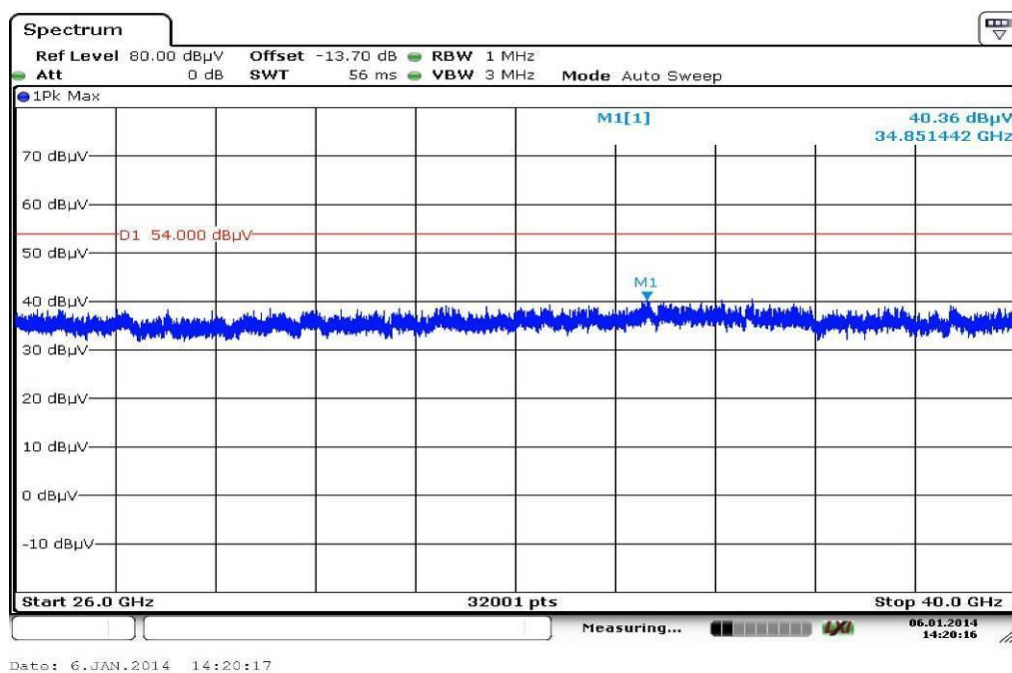
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
41.667900	10.2	1000.0	120.000	170.0	H	10.0	13.4	19.8	30.0	
46.969350	13.4	1000.0	120.000	98.0	V	100.0	13.3	16.6	30.0	
51.124950	10.6	1000.0	120.000	170.0	V	265.0	13.3	19.4	30.0	
720.852300	20.5	1000.0	120.000	170.0	H	280.0	23.0	15.5	36.0	
826.802700	21.7	1000.0	120.000	170.0	V	270.0	24.2	14.3	36.0	
934.521600	22.6	1000.0	120.000	170.0	V	190.0	25.3	13.4	36.0	

Plot 22: 1 GHz to 12.75 GHz, 5500 MHz, vertical & horizontal polarization**Plot 23:** 12 GHz to 18 GHz, 5500 MHz, vertical & horizontal polarization

Plot 24: 18 GHz to 26 GHz, 5500 MHz, vertical & horizontal polarization**Plot 25:** 26 GHz to 40 GHz, 5500 MHz, vertical & horizontal polarization

Plot 26: 30 MHz to 1 GHz, 5600 MHz, vertical & horizontal polarization

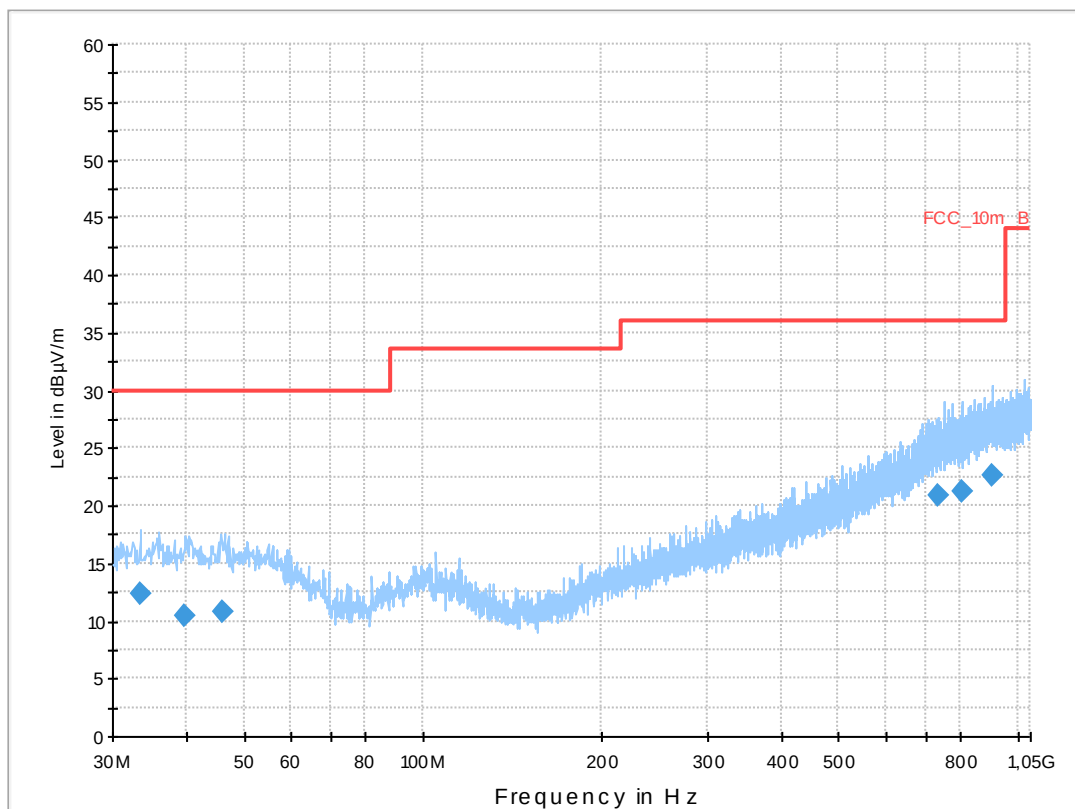
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 120
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

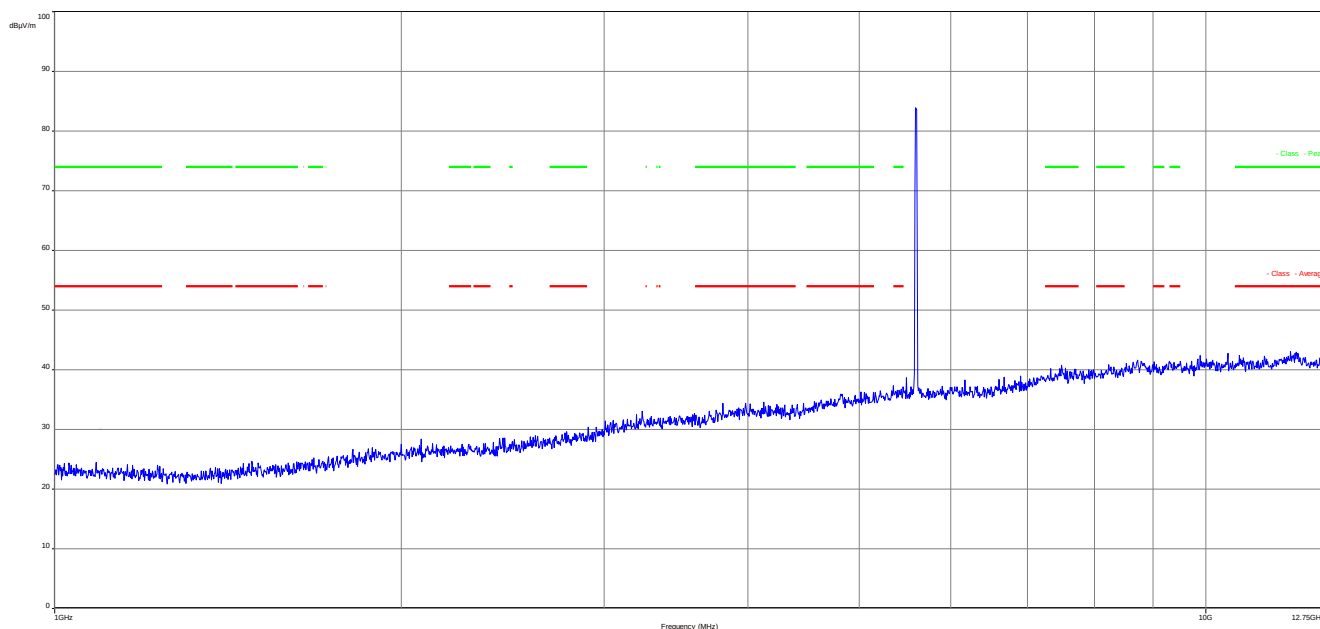
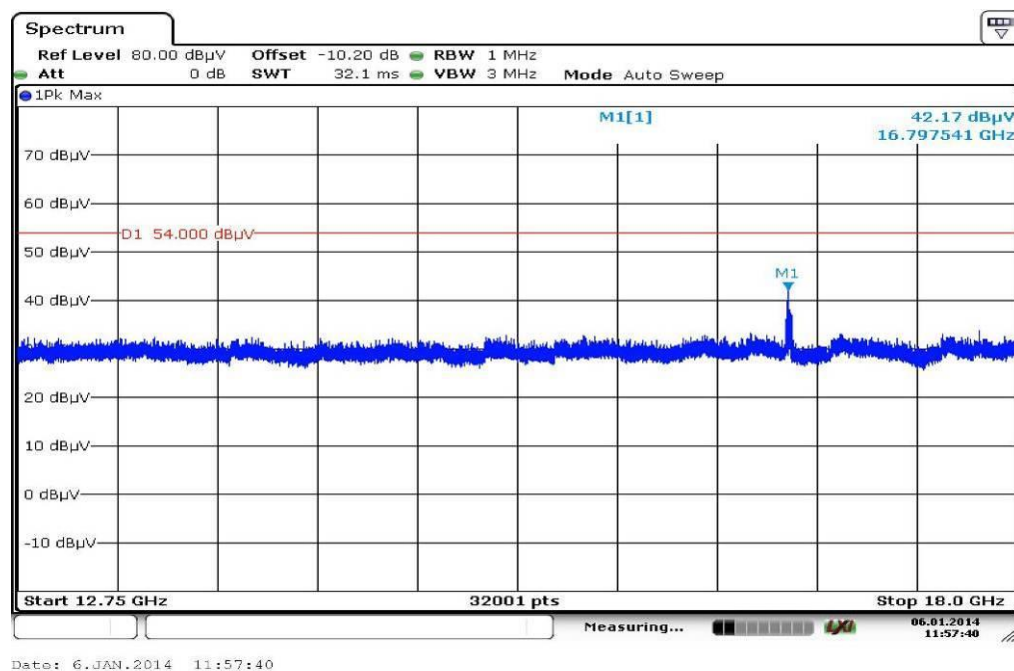
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

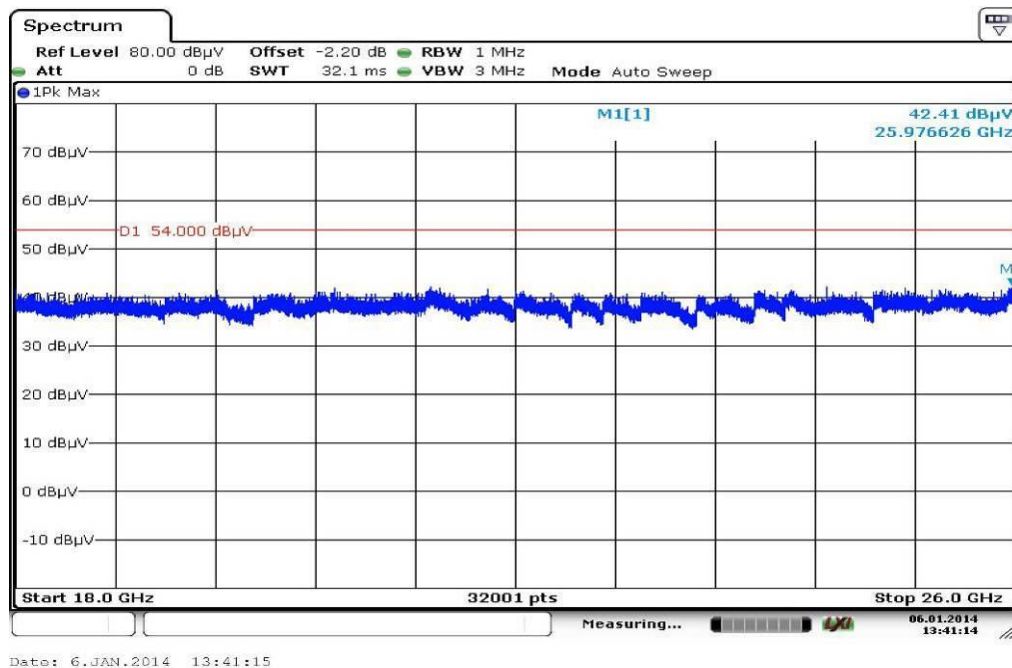
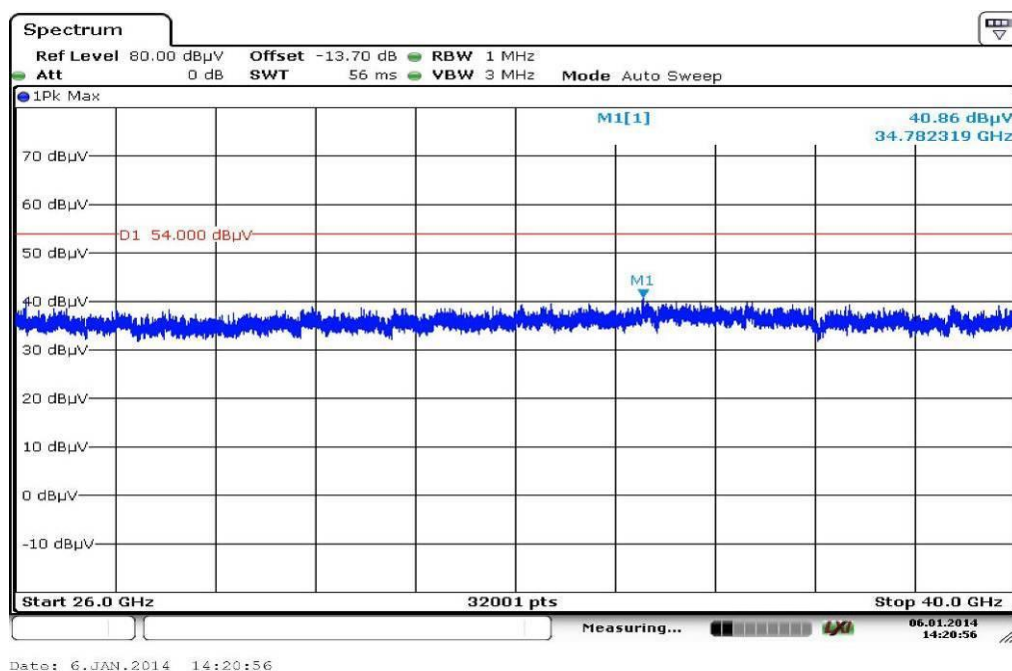
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
33.326250	12.4	1000.0	120.000	98.0	V	87.0	12.9	17.6	30.0	
39.594300	10.5	1000.0	120.000	98.0	V	182.0	13.4	19.5	30.0	
46.132650	10.8	1000.0	120.000	105.0	V	-10.0	13.3	19.2	30.0	
732.105000	20.8	1000.0	120.000	170.0	V	100.0	23.2	15.2	36.0	
803.562450	21.3	1000.0	120.000	98.0	V	10.0	23.9	14.7	36.0	
904.871250	22.6	1000.0	120.000	170.0	V	280.0	25.2	13.4	36.0	

Plot 27: 1 GHz to 12.75 GHz, 5600 MHz, vertical & horizontal polarization**Plot 28:** 12 GHz to 18 GHz, 5600 MHz, vertical & horizontal polarization

Plot 29: 18 GHz to 26 GHz, 5600 MHz, vertical & horizontal polarization**Plot 30:** 26 GHz to 40 GHz, 5600 MHz, vertical & horizontal polarization

Plot 31: 30 MHz to 1 GHz, 5700 MHz, vertical & horizontal polarization

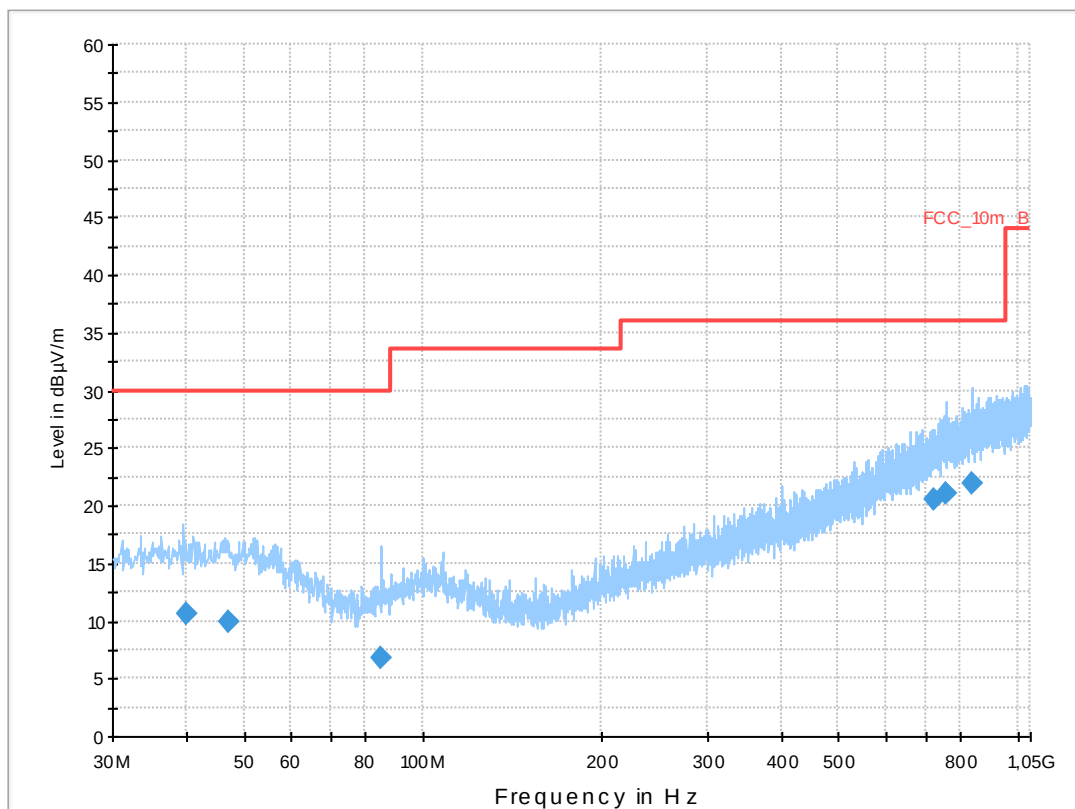
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT20) tx ch 140
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

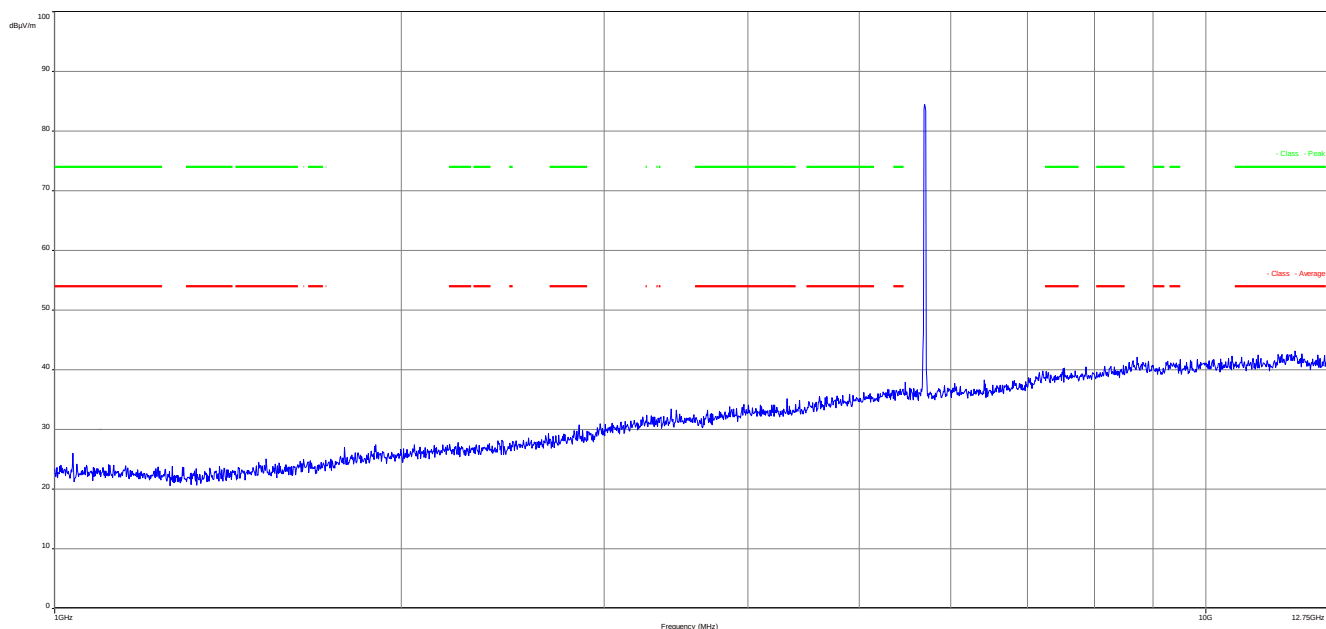
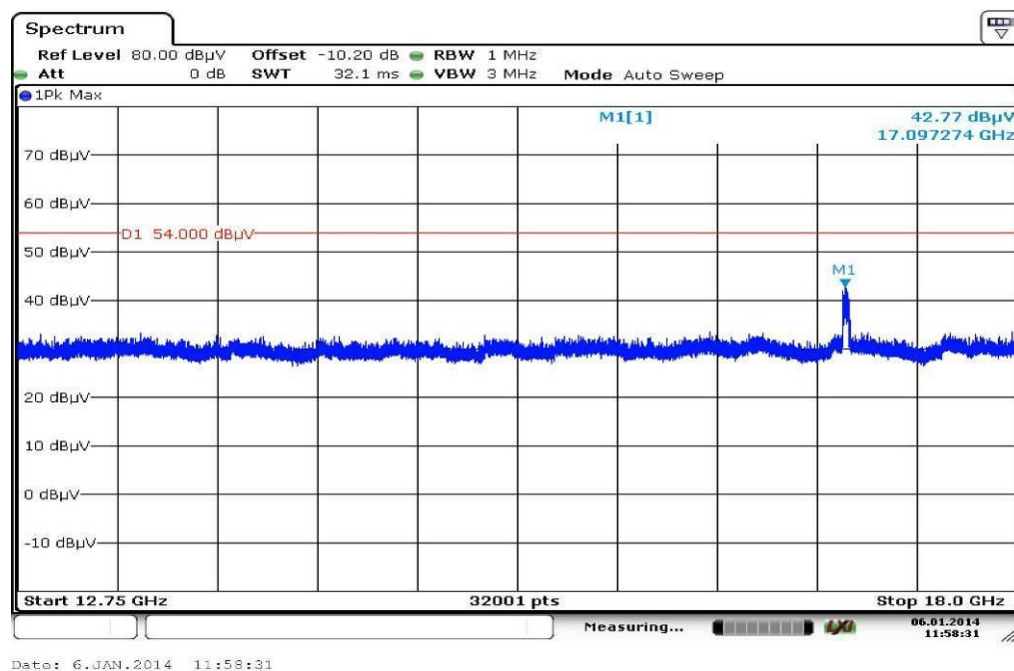
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

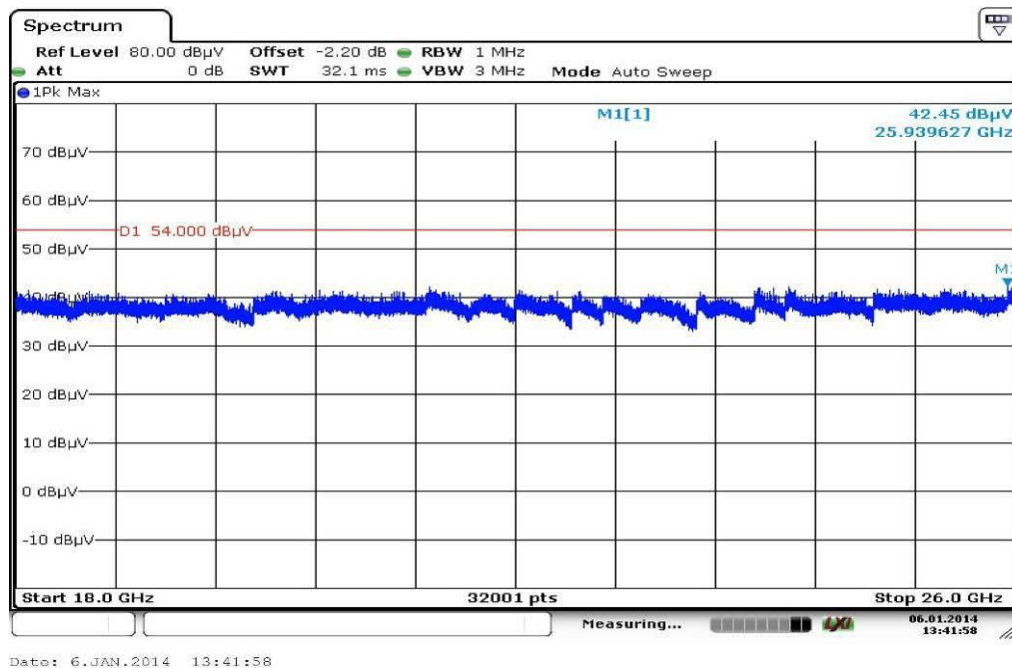
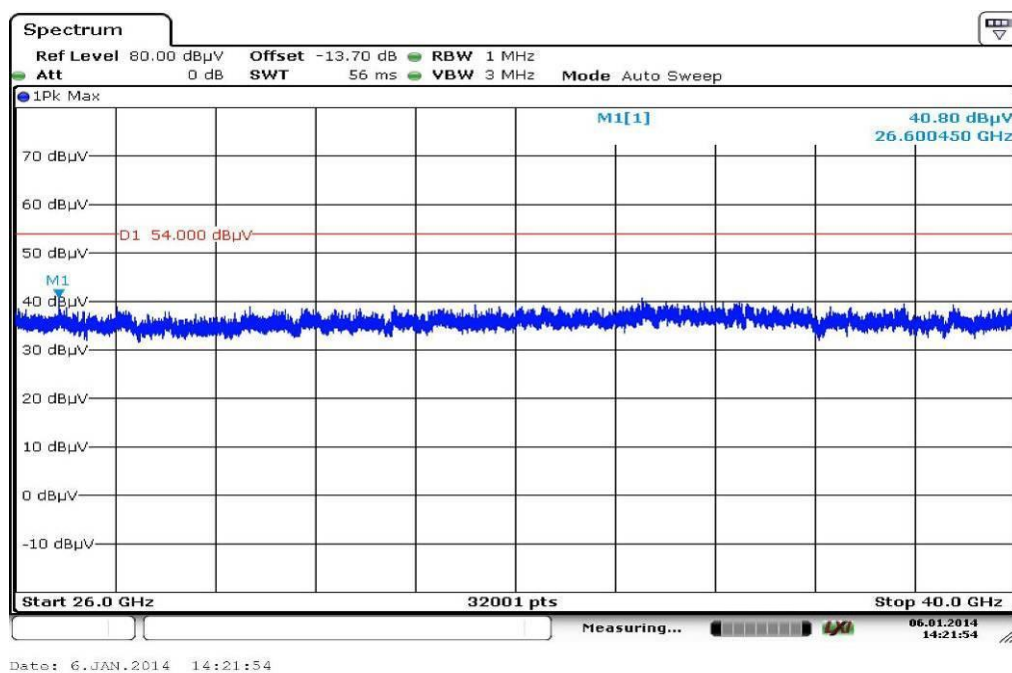
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
39.854250	10.6	1000.0	120.000	170.0	H	175.0	13.4	19.4	30.0	
47.113950	9.9	1000.0	120.000	104.0	H	260.0	13.3	20.1	30.0	
85.085100	6.8	1000.0	120.000	170.0	H	280.0	9.8	23.2	30.0	
723.616500	20.6	1000.0	120.000	170.0	V	88.0	23.1	15.4	36.0	
759.132300	21.1	1000.0	120.000	143.0	H	265.0	23.7	14.9	36.0	
839.068500	22.0	1000.0	120.000	170.0	V	-2.0	24.4	14.0	36.0	

Plot 32: 1 GHz to 12.75 GHz, 5700 MHz, vertical & horizontal polarization**Plot 33:** 12 GHz to 18 GHz, 5700 MHz, vertical & horizontal polarization

Plot 34: 18 GHz to 26 GHz, 5700 MHz, vertical & horizontal polarization**Plot 35:** 26 GHz to 40 GHz, 5700 MHz, vertical & horizontal polarization

Plots: OFDM / ac – mode HT40

Plot 1: 30 MHz to 1 GHz, 5190 MHz, vertical & horizontal polarization

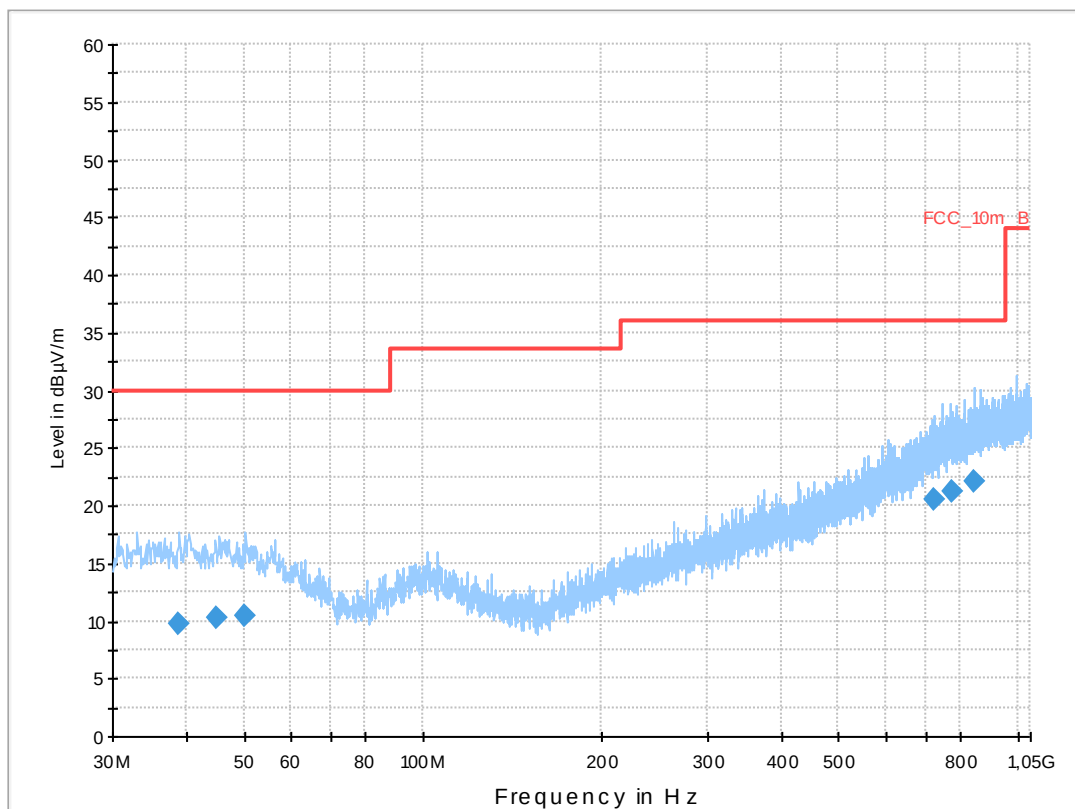
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 38
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

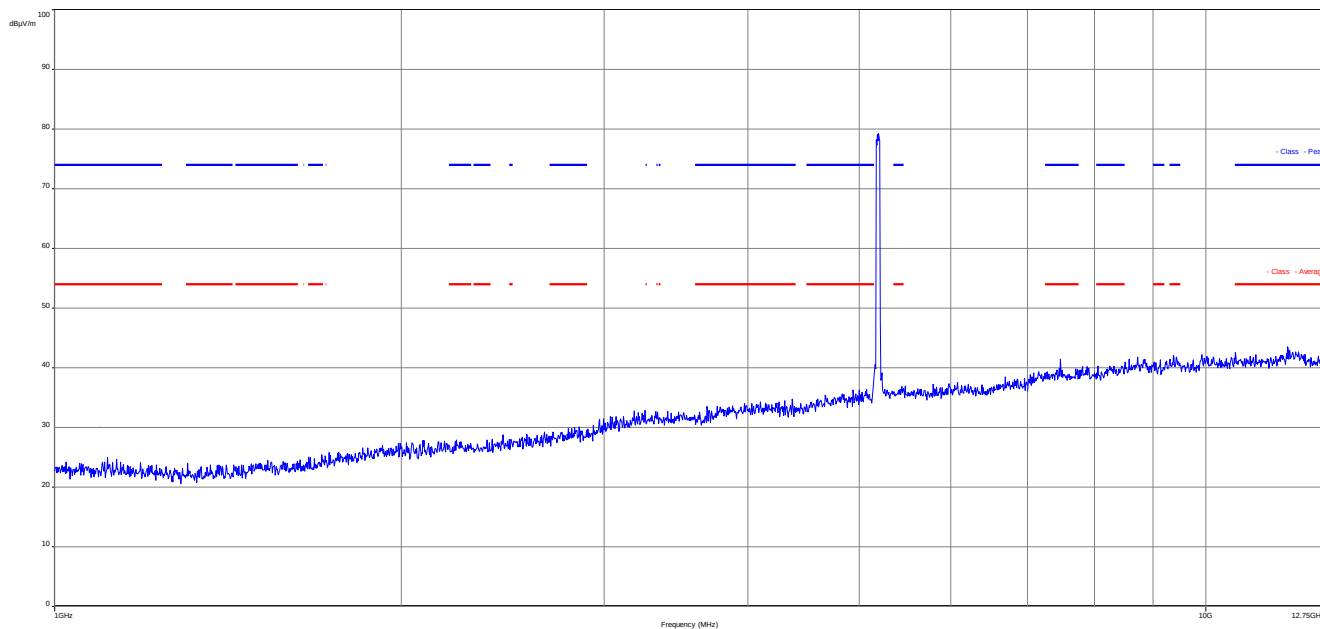
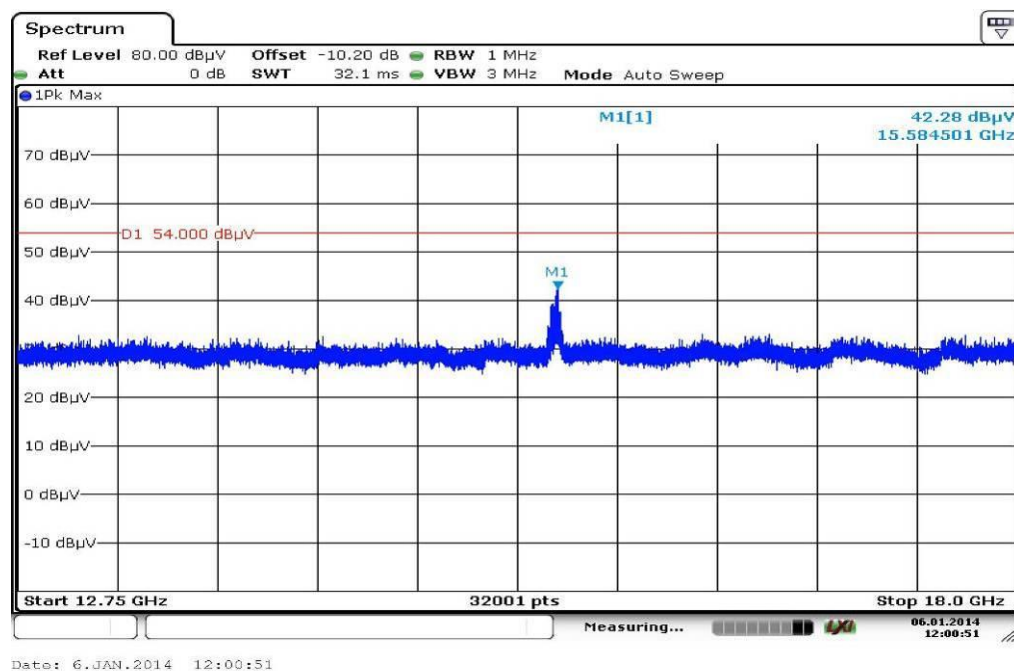
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

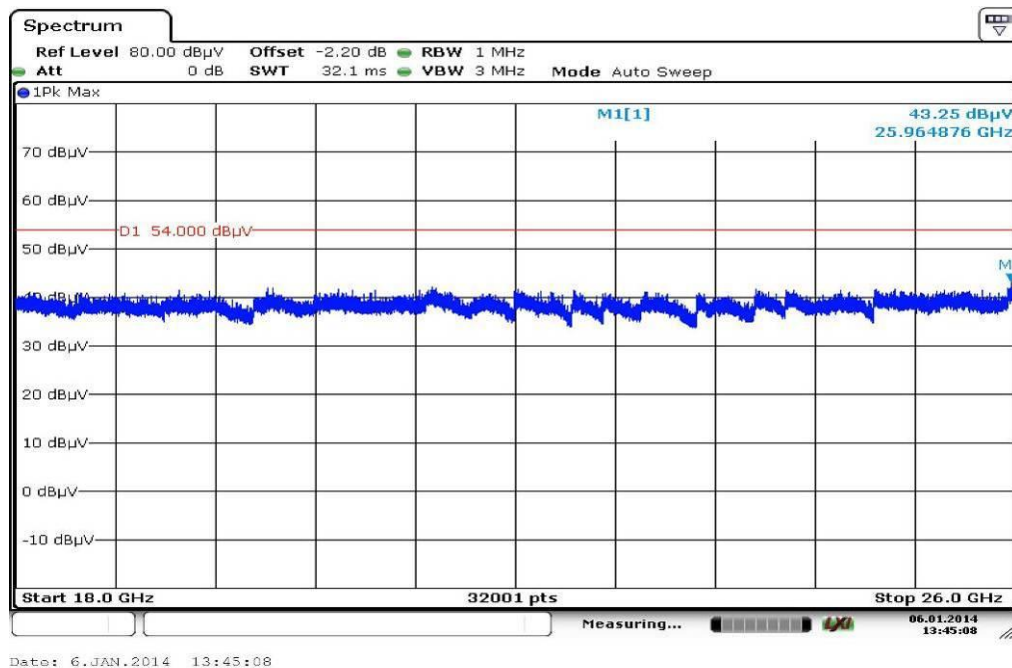
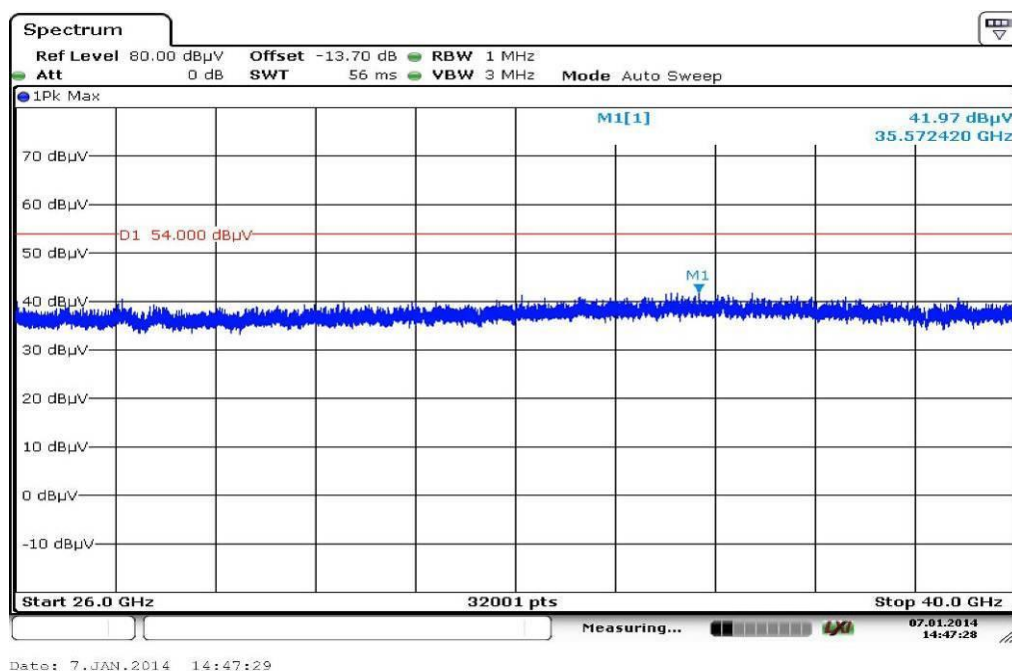
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
38.831550	9.7	1000.0	120.000	124.0	V	100.0	13.3	20.3	30.0	
44.795400	10.2	1000.0	120.000	170.0	V	10.0	13.3	19.8	30.0	
50.270100	10.4	1000.0	120.000	170.0	V	3.0	13.3	19.6	30.0	
724.585950	20.5	1000.0	120.000	170.0	H	280.0	23.1	15.5	36.0	
774.082500	21.2	1000.0	120.000	170.0	V	3.0	23.7	14.8	36.0	
847.251000	22.1	1000.0	120.000	98.0	H	170.0	24.5	13.9	36.0	

Plot 2: 1 GHz to 12.75 GHz, 5190 MHz, vertical & horizontal polarization**Plot 3:** 12 GHz to 18 GHz, 5190 MHz, vertical & horizontal polarization

Plot 4: 18 GHz to 26 GHz, 5190 MHz, vertical & horizontal polarization**Plot 5:** 26 GHz to 40 GHz, 5190 MHz, vertical & horizontal polarization

Plot 6: 30 MHz to 1 GHz, 5230 MHz, vertical & horizontal polarization

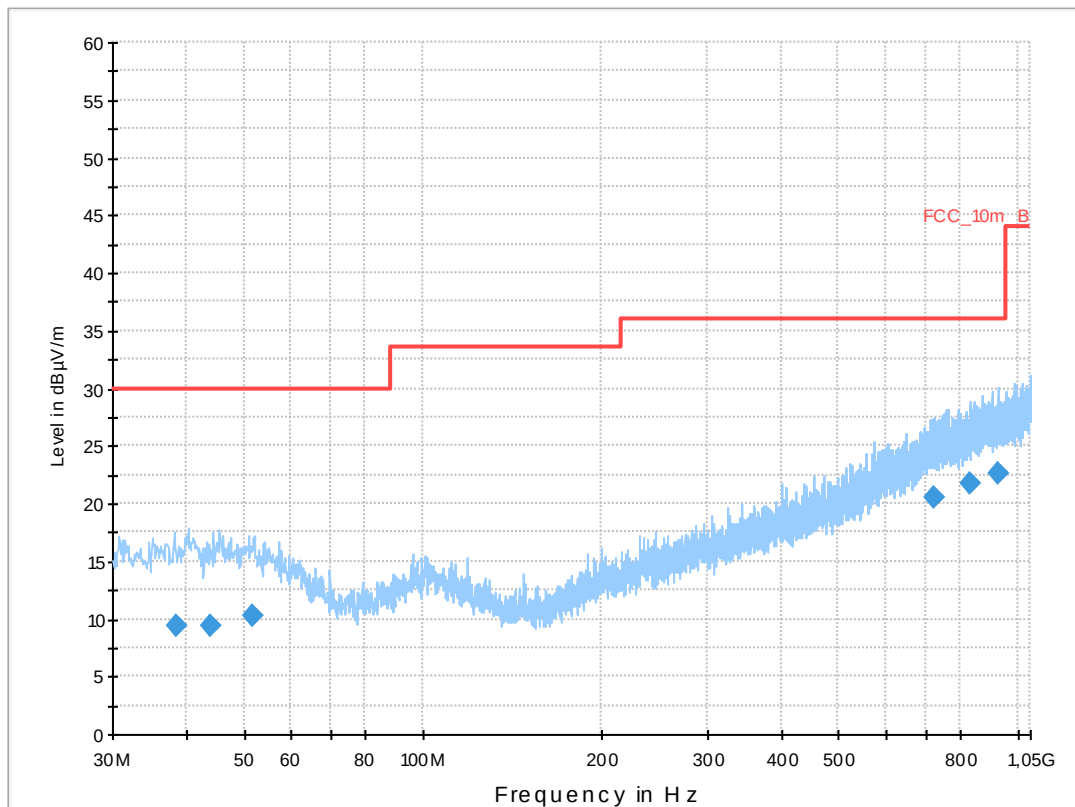
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 46
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

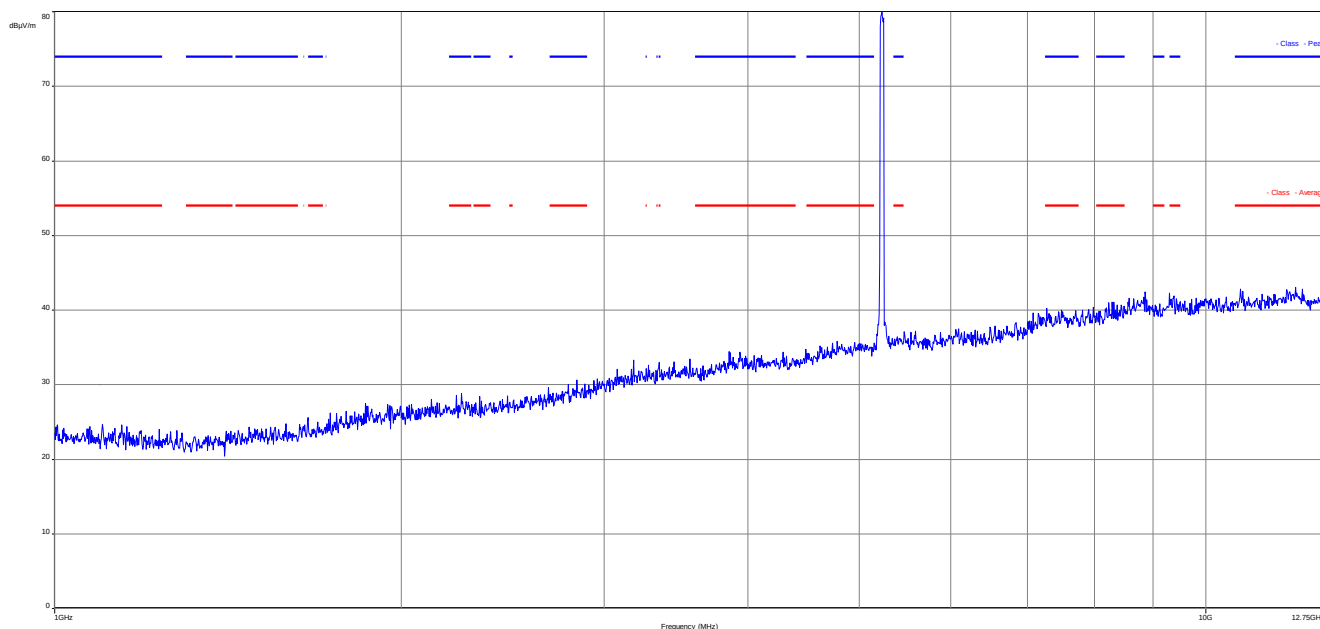
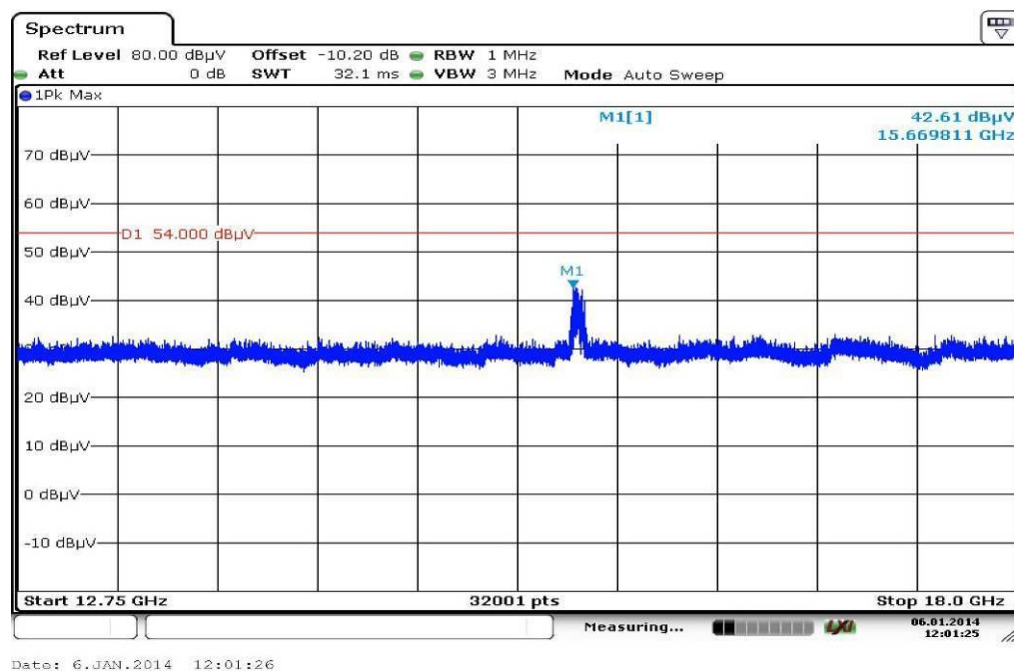
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

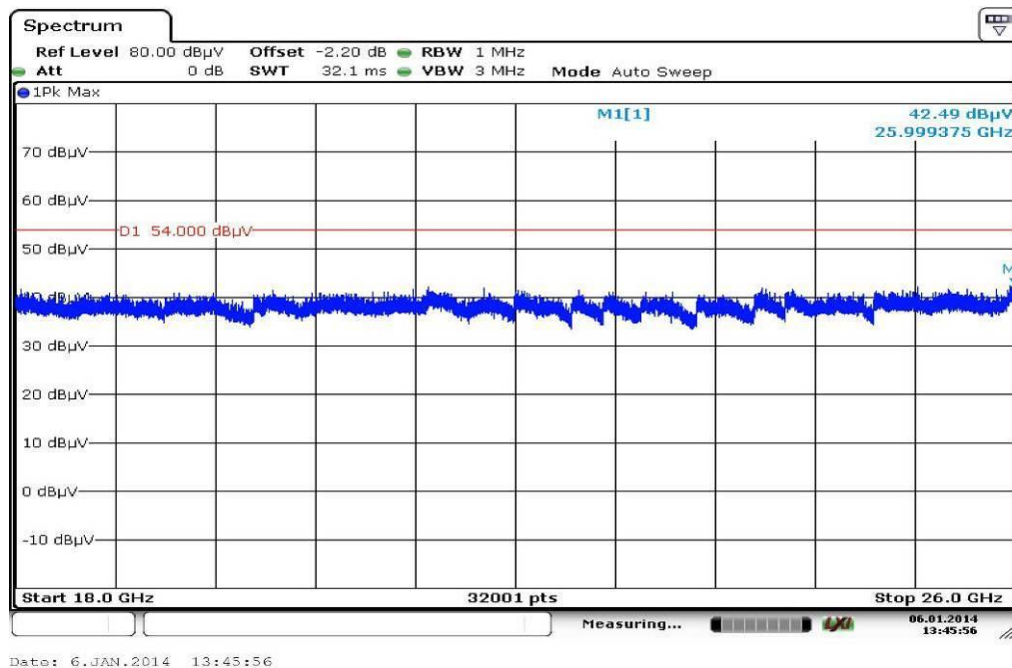
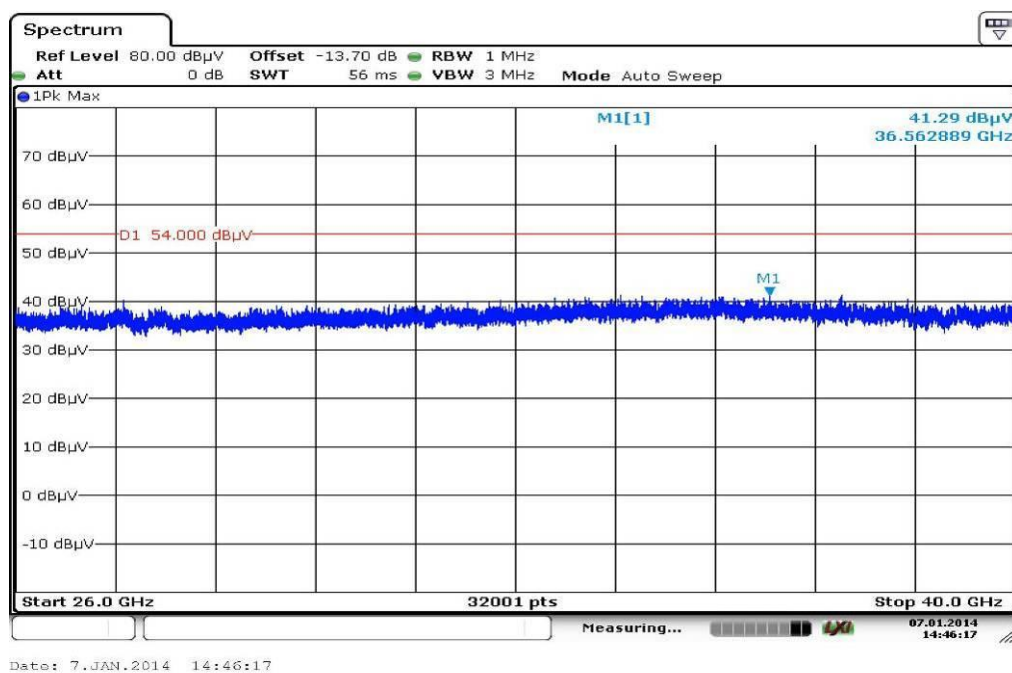
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
38.515200	9.4	1000.0	120.000	111.0	H	-6.0	13.3	20.6	30.0	
43.760700	9.5	1000.0	120.000	170.0	V	272.0	13.3	20.5	30.0	
51.718350	10.3	1000.0	120.000	170.0	H	182.0	13.2	19.7	30.0	
726.041700	20.6	1000.0	120.000	155.0	H	272.0	23.1	15.4	36.0	
829.393650	21.8	1000.0	120.000	170.0	H	178.0	24.2	14.2	36.0	
923.795250	22.6	1000.0	120.000	120.0	H	190.0	25.3	13.4	36.0	

Plot 7: 1 GHz to 12.75 GHz, 5230 MHz, vertical & horizontal polarization**Plot 8:** 12 GHz to 18 GHz, 5230 MHz, vertical & horizontal polarization

Plot 9: 18 GHz to 26 GHz, 5230 MHz, vertical & horizontal polarization**Plot 10:** 26 GHz to 40 GHz, 5230 MHz, vertical & horizontal polarization

Plot 11: 30 MHz to 1 GHz, 5270 MHz, vertical & horizontal polarization

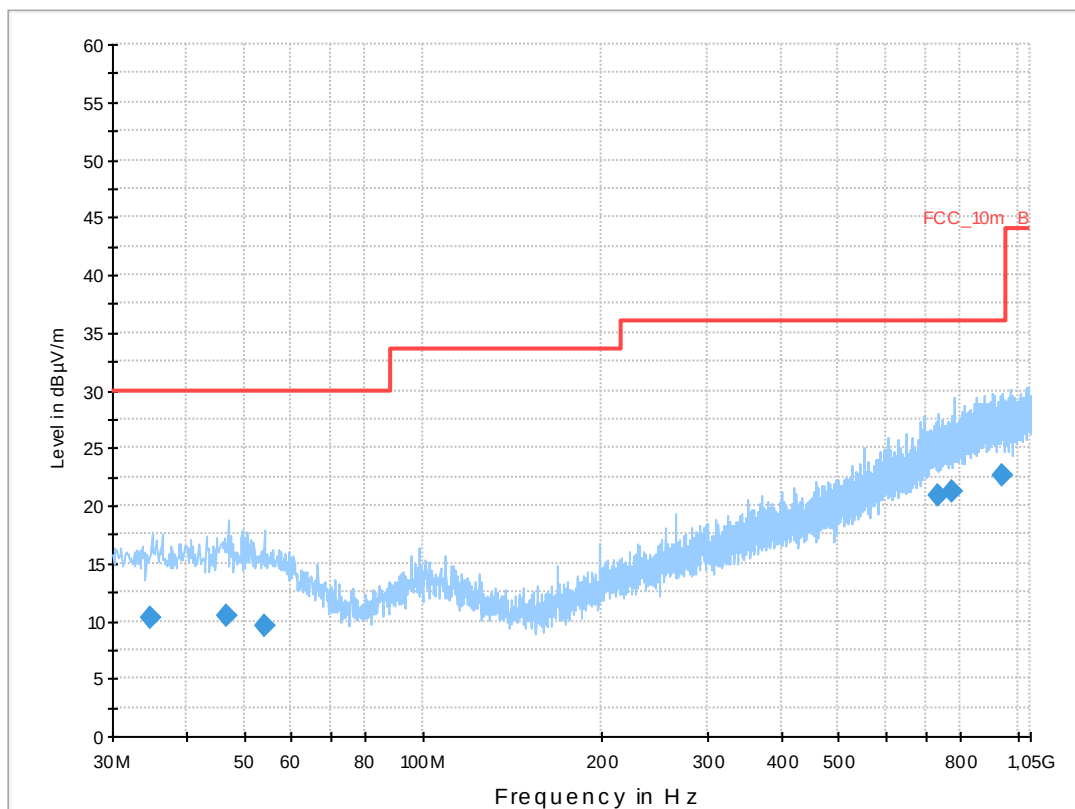
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 54
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

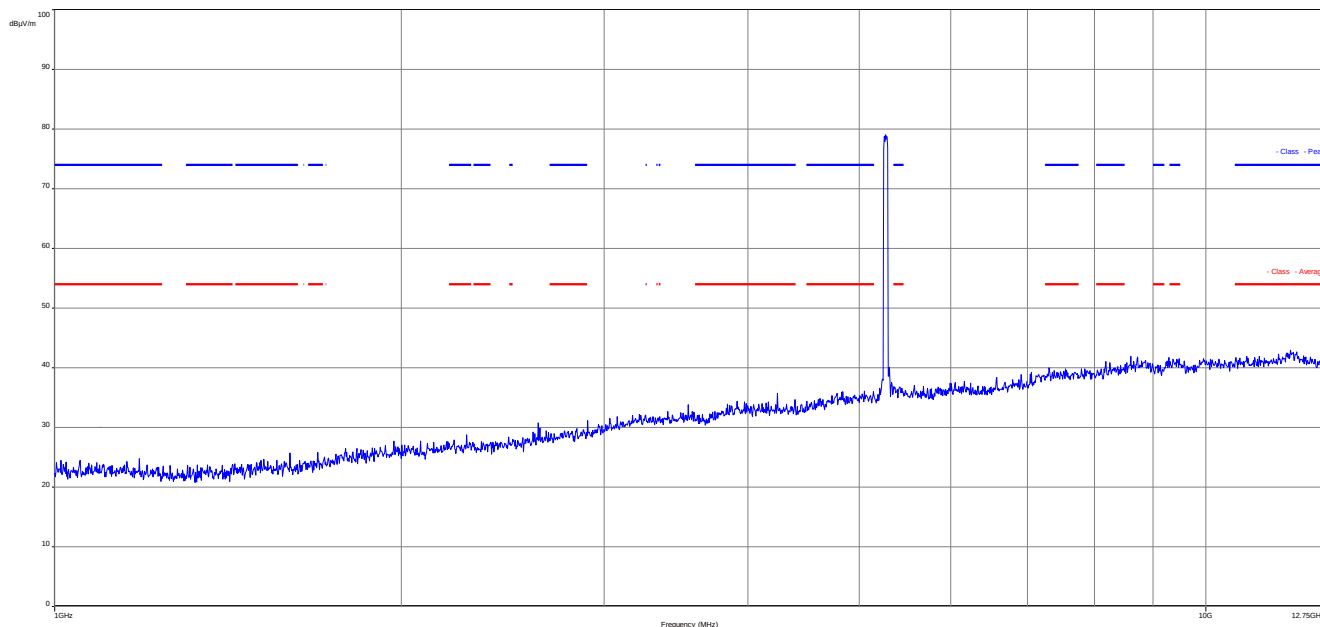
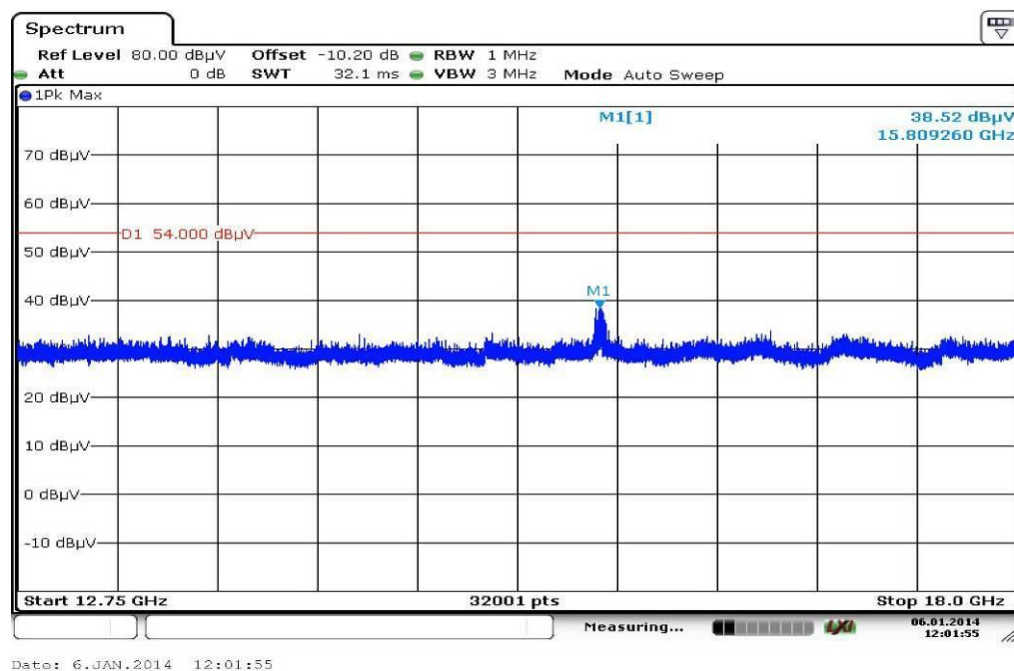
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

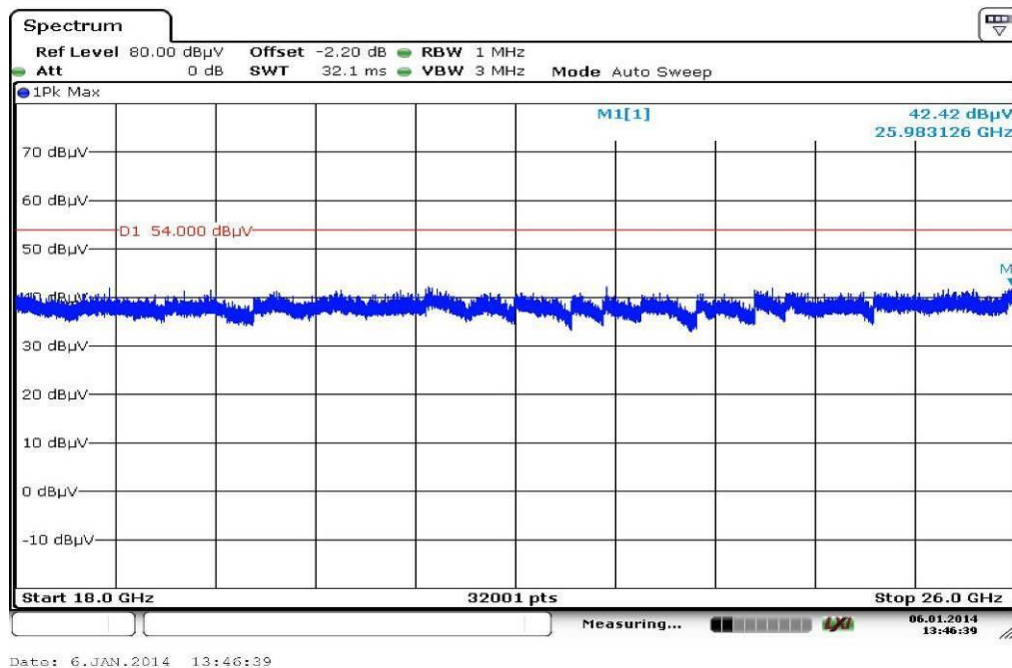
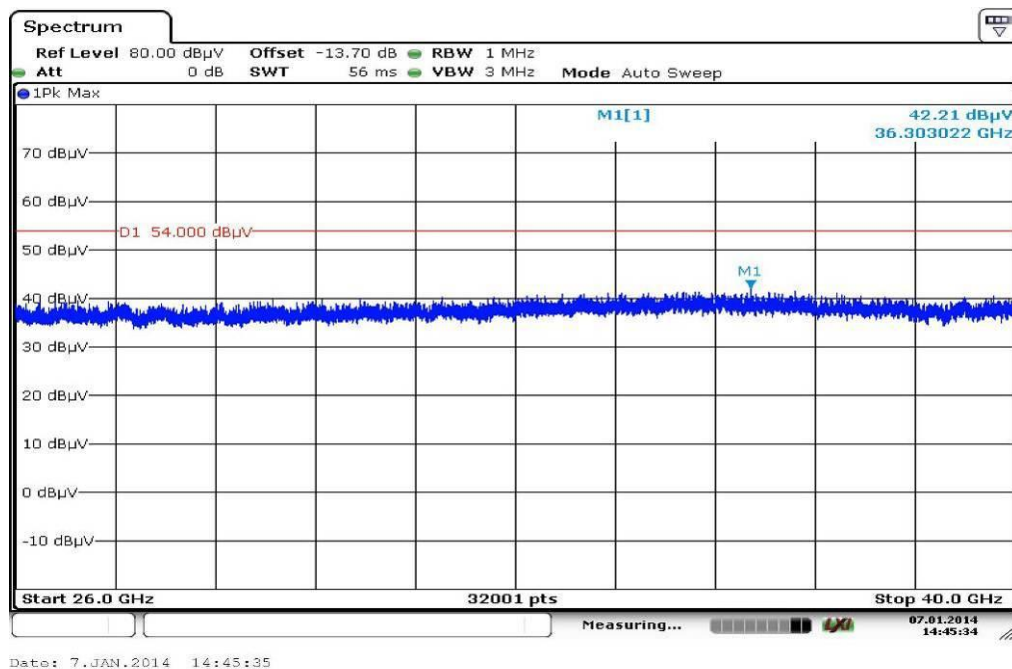
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
34.894350	10.2	1000.0	120.000	105.0	V	280.0	13.0	19.8	30.0	
46.829400	10.4	1000.0	120.000	120.0	V	190.0	13.3	19.6	30.0	
54.146700	9.6	1000.0	120.000	120.0	V	88.0	13.0	20.4	30.0	
733.107600	20.9	1000.0	120.000	170.0	V	84.0	23.3	15.1	36.0	
777.047850	21.2	1000.0	120.000	120.0	V	270.0	23.7	14.8	36.0	
943.589100	22.7	1000.0	120.000	111.0	H	182.0	25.3	13.3	36.0	

Plot 12: 1 GHz to 12.75 GHz, 5270 MHz, vertical & horizontal polarization**Plot 13:** 12 GHz to 18 GHz, 5270 MHz, vertical & horizontal polarization

Plot 14: 18 GHz to 26 GHz, 5270 MHz, vertical & horizontal polarization**Plot 15:** 26 GHz to 40 GHz, 5270 MHz, vertical & horizontal polarization

Plot 16: 30 MHz to 1 GHz, 5310 MHz, vertical & horizontal polarization

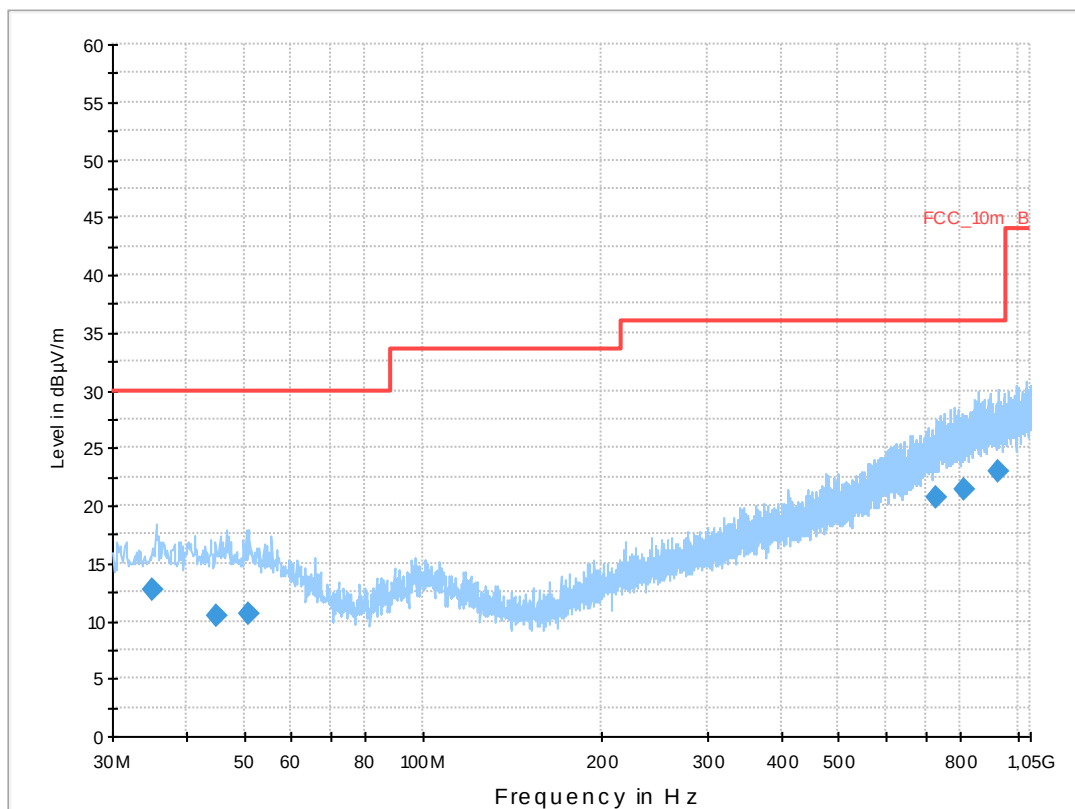
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 62
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

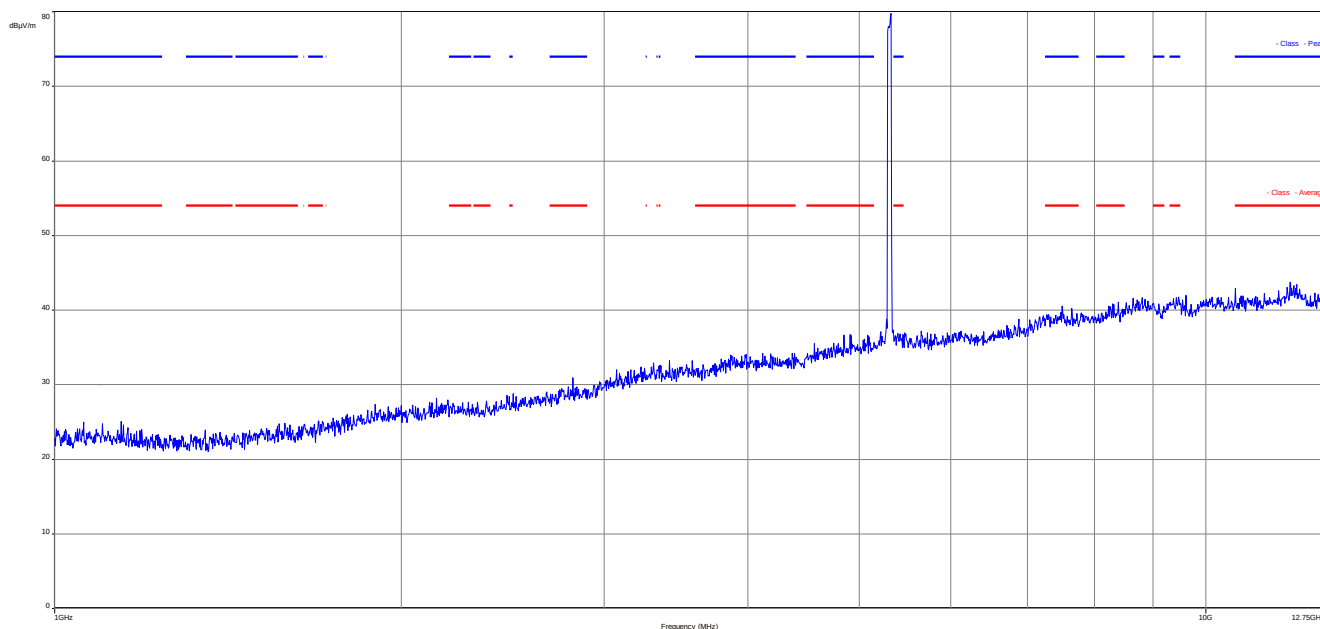
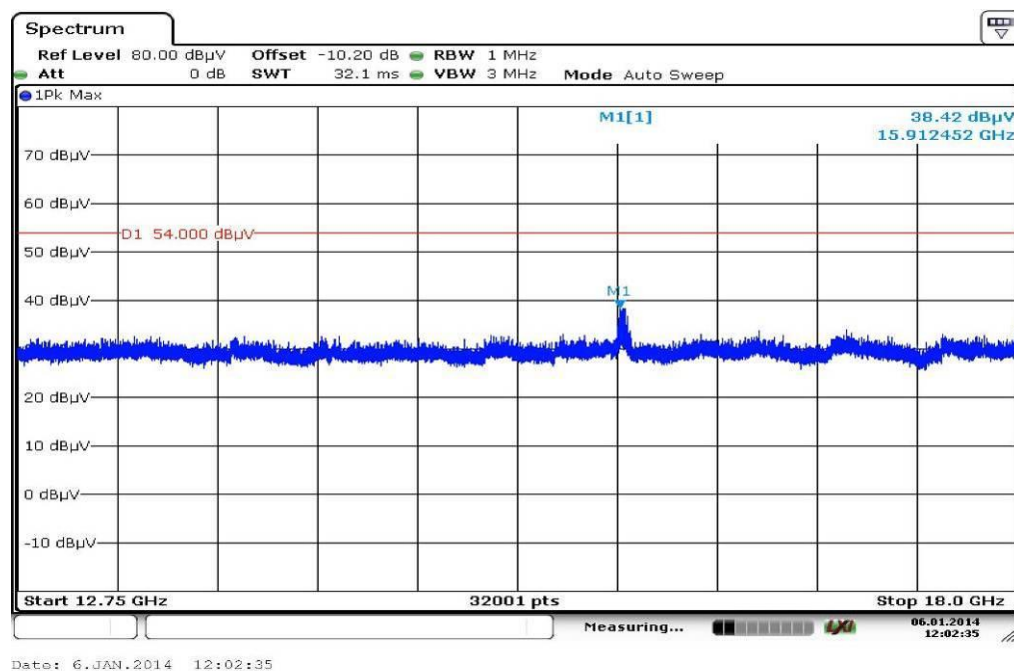
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

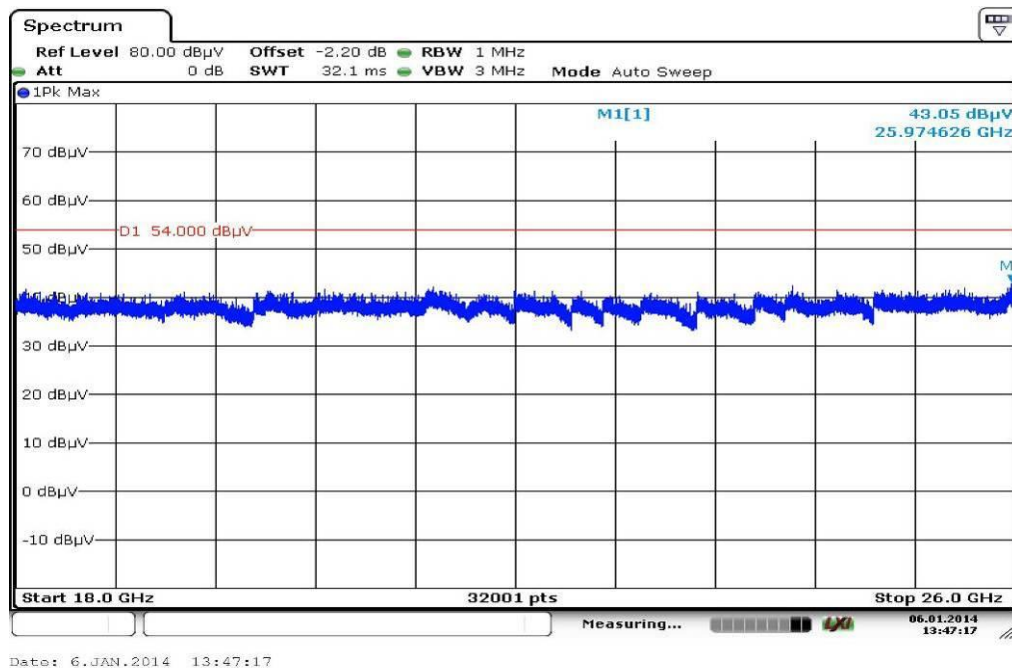
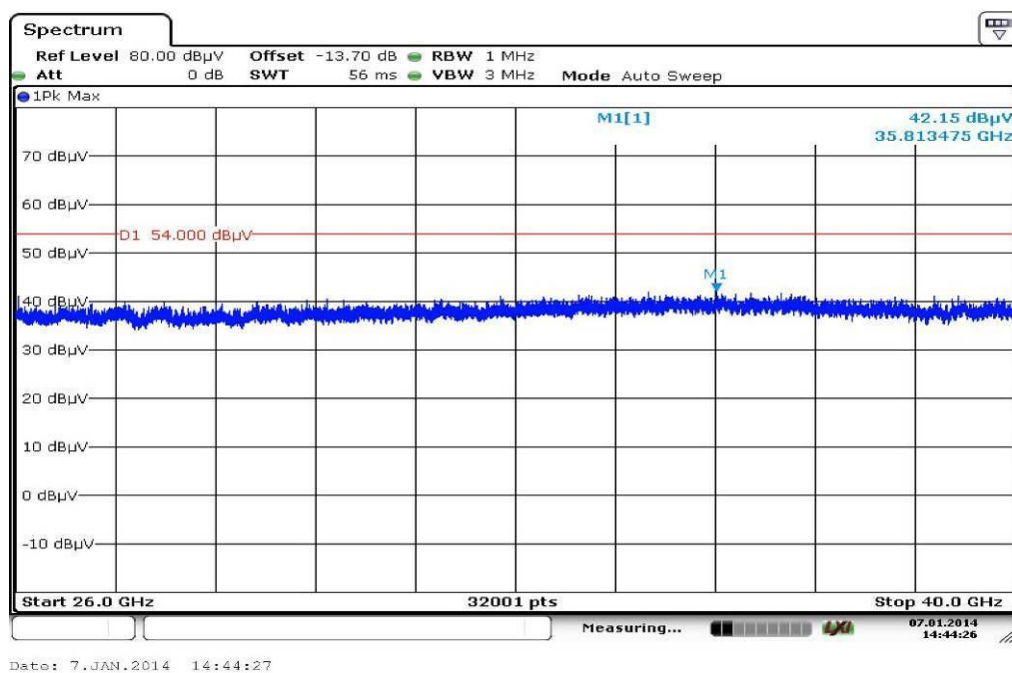
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
35.032800	12.7	1000.0	120.000	143.0	V	268.0	13.0	17.3	30.0	
45.061200	10.4	1000.0	120.000	104.0	V	180.0	13.3	19.6	30.0	
50.932200	10.6	1000.0	120.000	170.0	V	280.0	13.3	19.4	30.0	
728.592450	20.8	1000.0	120.000	170.0	H	260.0	23.2	15.2	36.0	
811.546200	21.4	1000.0	120.000	170.0	V	268.0	24.0	14.6	36.0	
927.288600	22.9	1000.0	120.000	170.0	V	261.0	25.3	13.1	36.0	

Plot 17: 1 GHz to 12.75 GHz, 5310 MHz, vertical & horizontal polarization**Plot 18:** 12 GHz to 18 GHz, 5310 MHz, vertical & horizontal polarization

Plot 19: 18 GHz to 26 GHz, 5310 MHz, vertical & horizontal polarization**Plot 20:** 26 GHz to 40 GHz, 5310 MHz, vertical & horizontal polarization

Plot 21: 30 MHz to 1 GHz, 5510 MHz, vertical & horizontal polarization

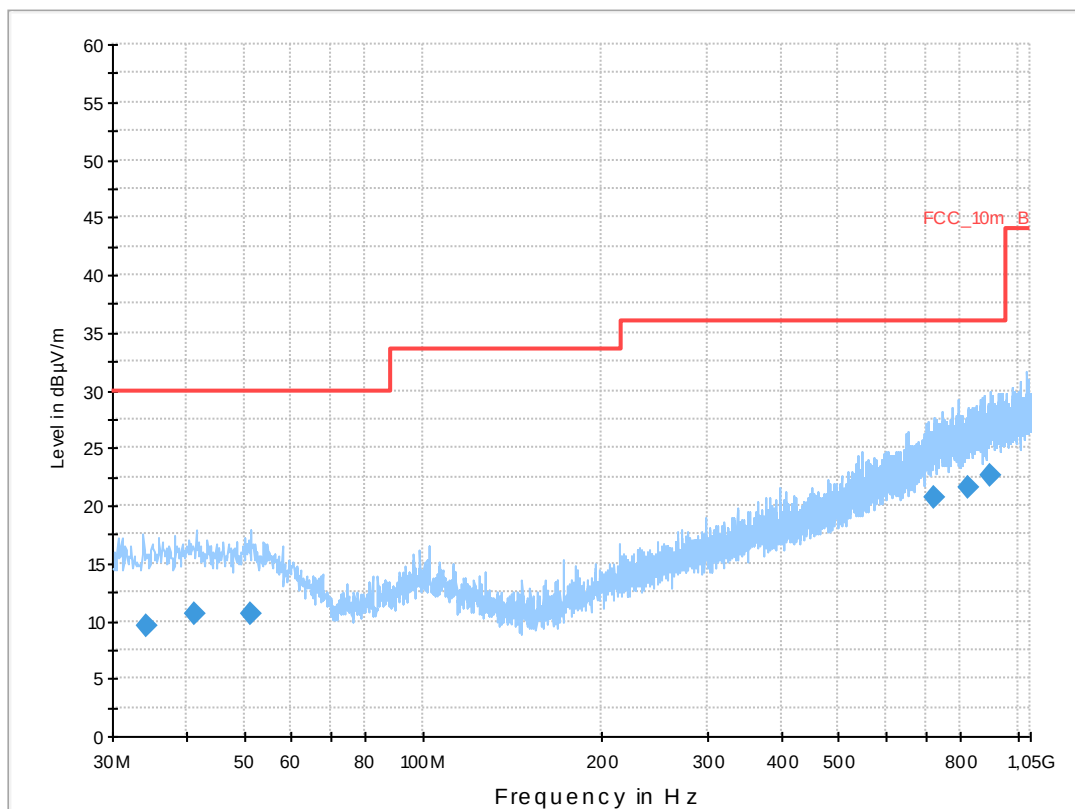
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 102
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

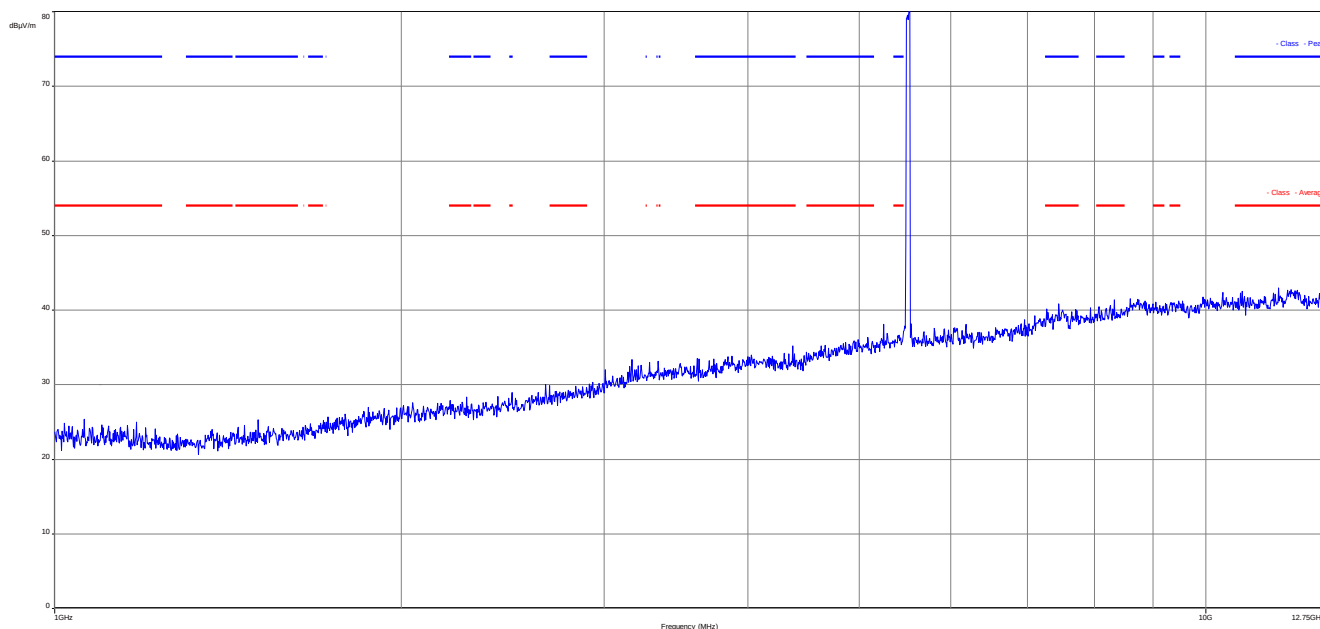
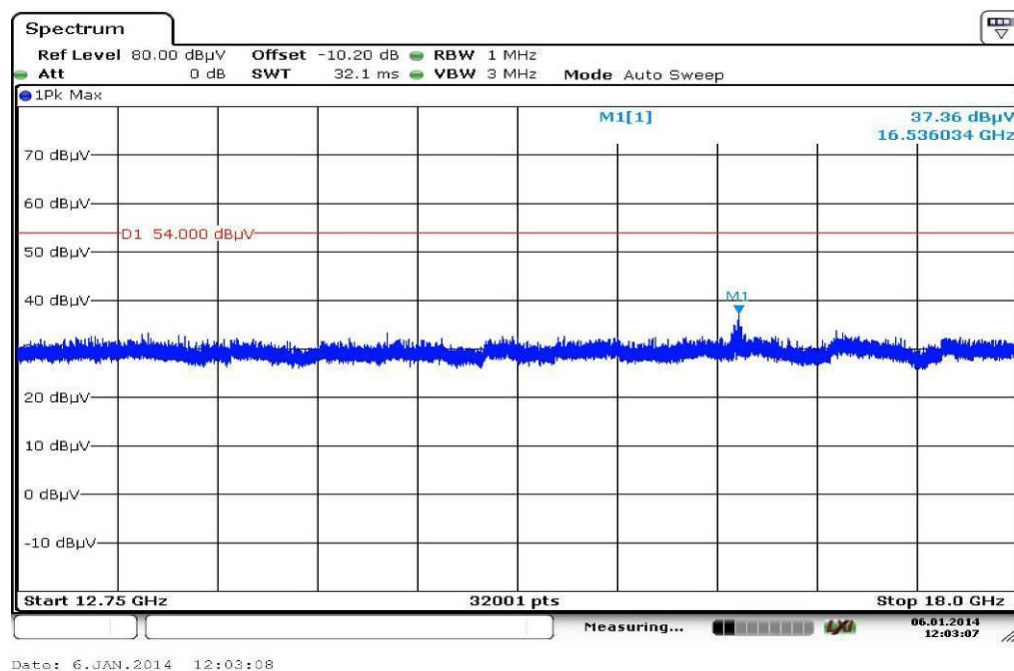
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

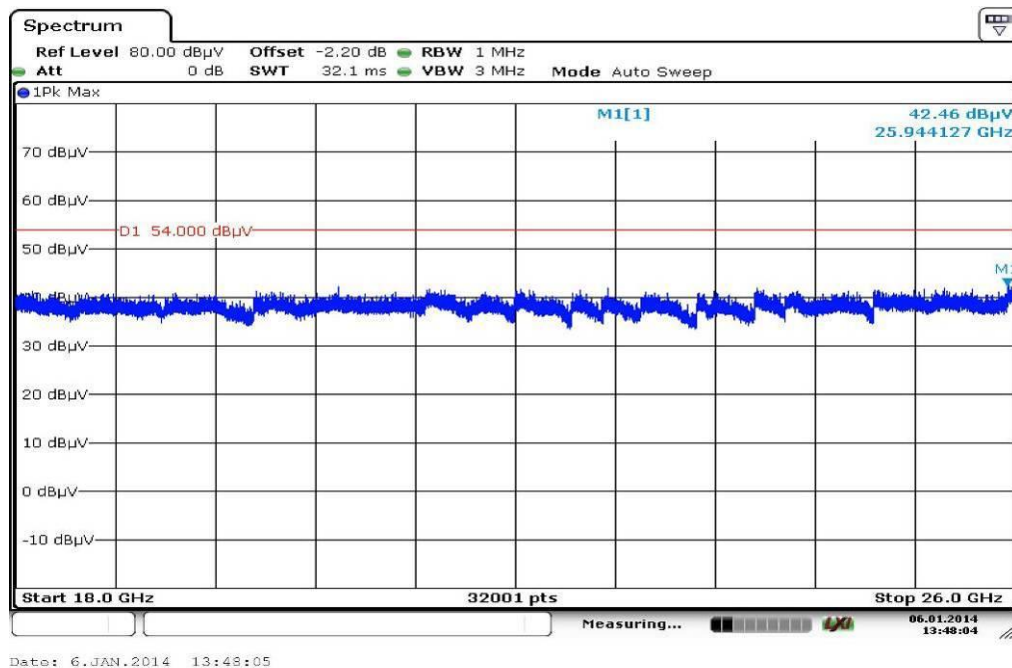
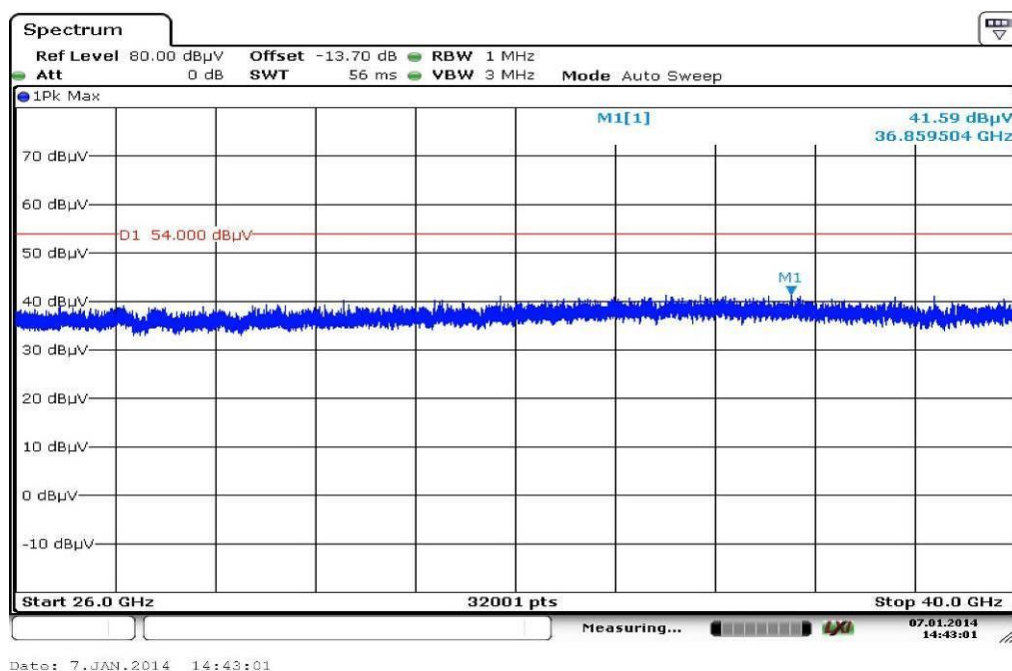
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
34.260450	9.5	1000.0	120.000	170.0	H	10.0	12.9	20.5	30.0	
41.226750	10.6	1000.0	120.000	170.0	H	190.0	13.4	19.4	30.0	
51.146400	10.6	1000.0	120.000	98.0	V	280.0	13.3	19.4	30.0	
723.168900	20.6	1000.0	120.000	98.0	V	170.0	23.0	15.4	36.0	
822.498900	21.6	1000.0	120.000	170.0	V	280.0	24.1	14.4	36.0	
899.861400	22.7	1000.0	120.000	170.0	H	80.0	25.2	13.3	36.0	

Plot 22: 1 GHz to 12.75 GHz, 5510 MHz, vertical & horizontal polarization**Plot 23:** 12 GHz to 18 GHz, 5510 MHz, vertical & horizontal polarization

Plot 24: 18 GHz to 26 GHz, 5510 MHz, vertical & horizontal polarization**Plot 25:** 26 GHz to 40 GHz, 5510 MHz, vertical & horizontal polarization

Plot 26: 30 MHz to 1 GHz, 5590 MHz, vertical & horizontal polarization

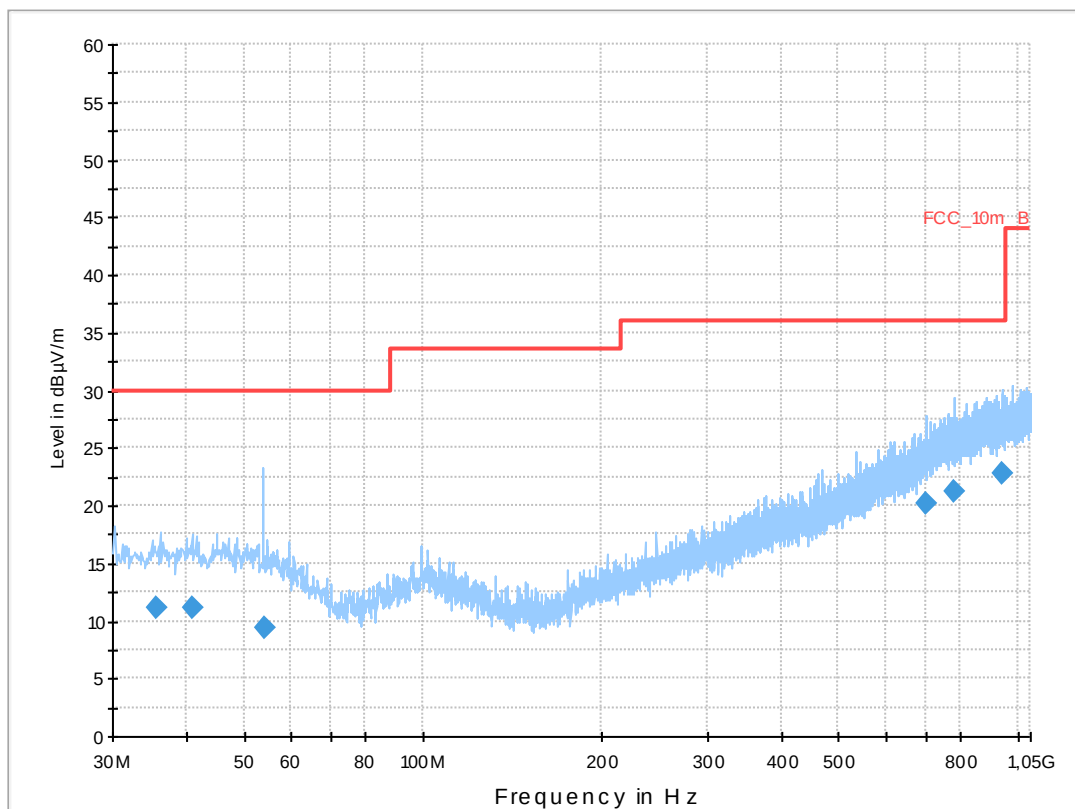
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 118
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

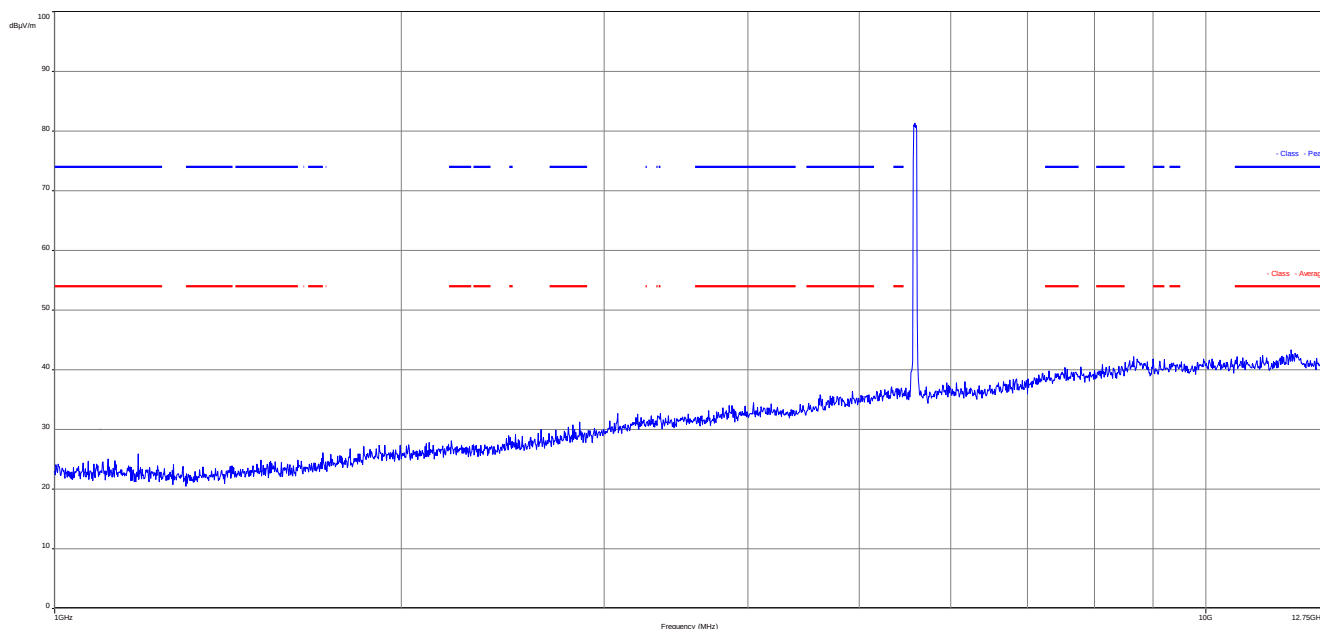
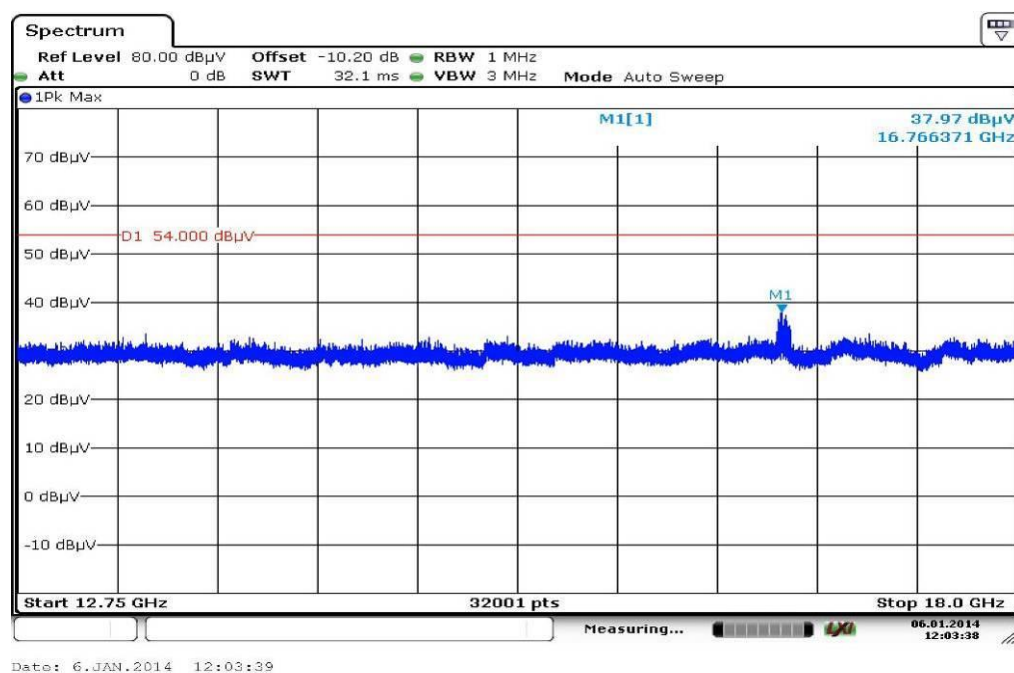
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dB μ V/m

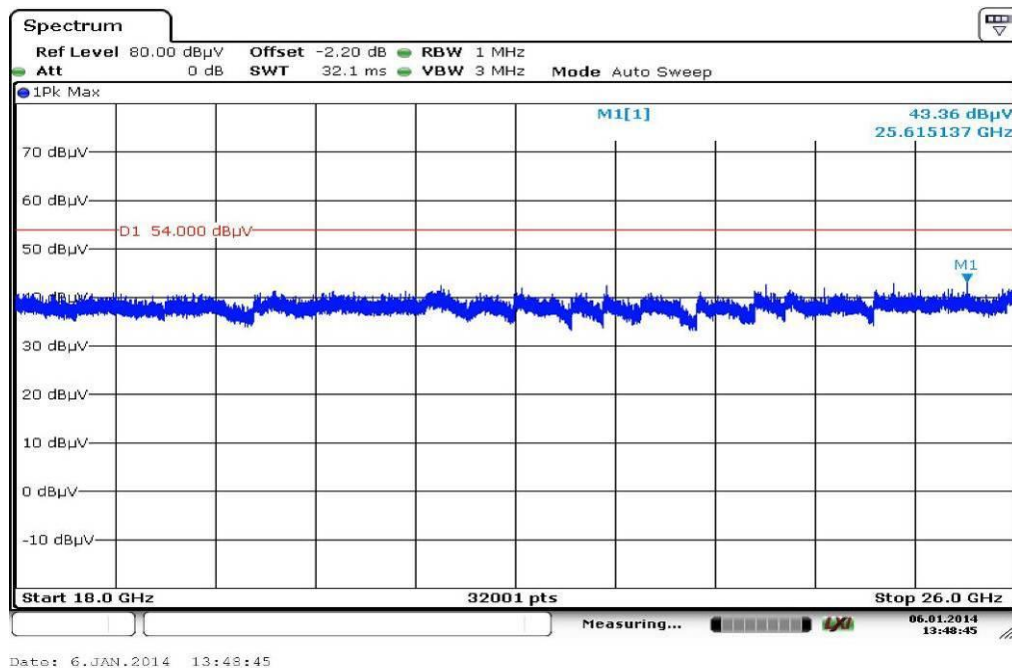
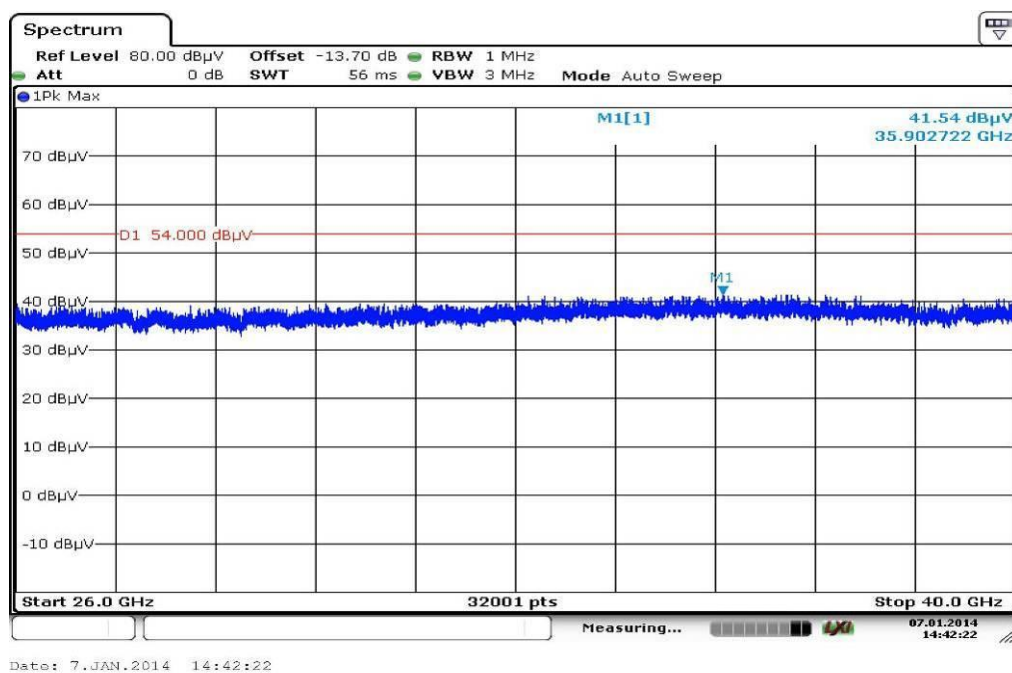
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
35.522250	11.1	1000.0	120.000	132.0	V	261.0	13.1	18.9	30.0	
40.765200	11.1	1000.0	120.000	98.0	V	85.0	13.4	18.9	30.0	
53.933400	9.4	1000.0	120.000	170.0	V	-9.0	13.0	20.6	30.0	
700.070700	20.1	1000.0	120.000	170.0	V	-9.0	22.5	15.9	36.0	
780.766800	21.1	1000.0	120.000	170.0	H	81.0	23.7	14.9	36.0	
942.734250	22.7	1000.0	120.000	120.0	V	178.0	25.3	13.3	36.0	

Plot 27: 1 GHz to 12.75 GHz, 5590 MHz, vertical & horizontal polarization**Plot 28:** 12 GHz to 18 GHz, 5590 MHz, vertical & horizontal polarization

Plot 29: 18 GHz to 26 GHz, 5590 MHz, vertical & horizontal polarization**Plot 30:** 26 GHz to 40 GHz, 5590 MHz, vertical & horizontal polarization

Plot 31: 30 MHz to 1 GHz, 5670 MHz, vertical & horizontal polarization

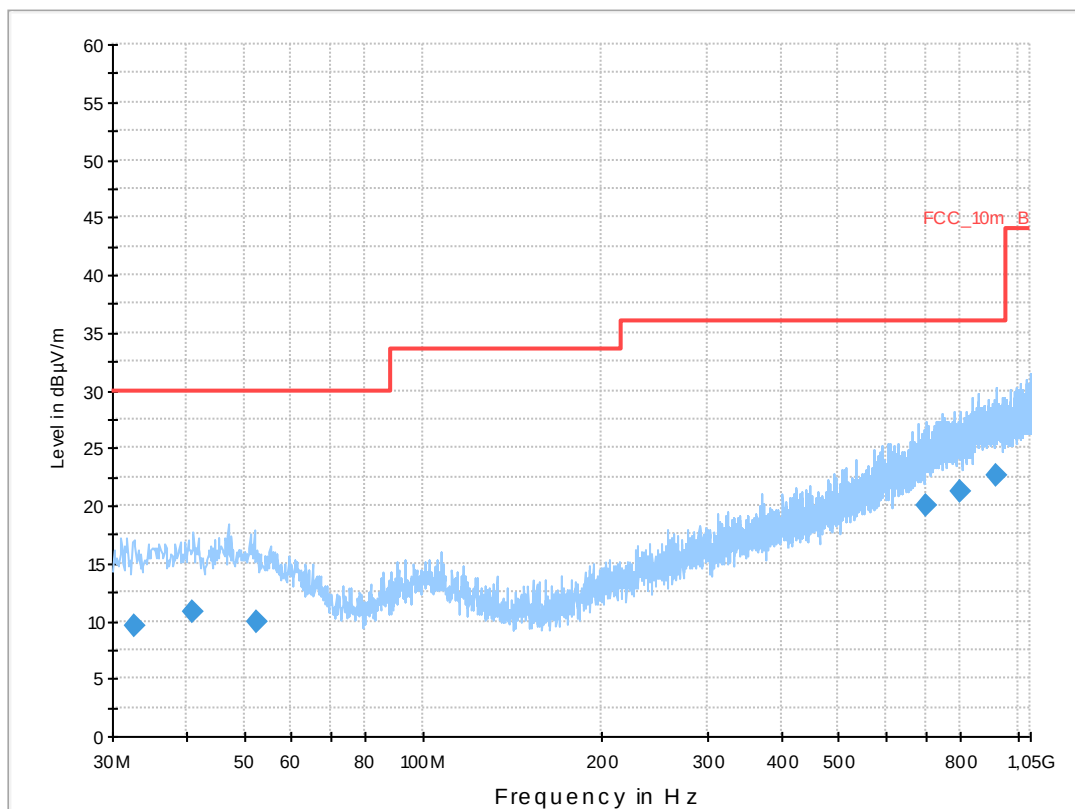
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT40) tx ch 134
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

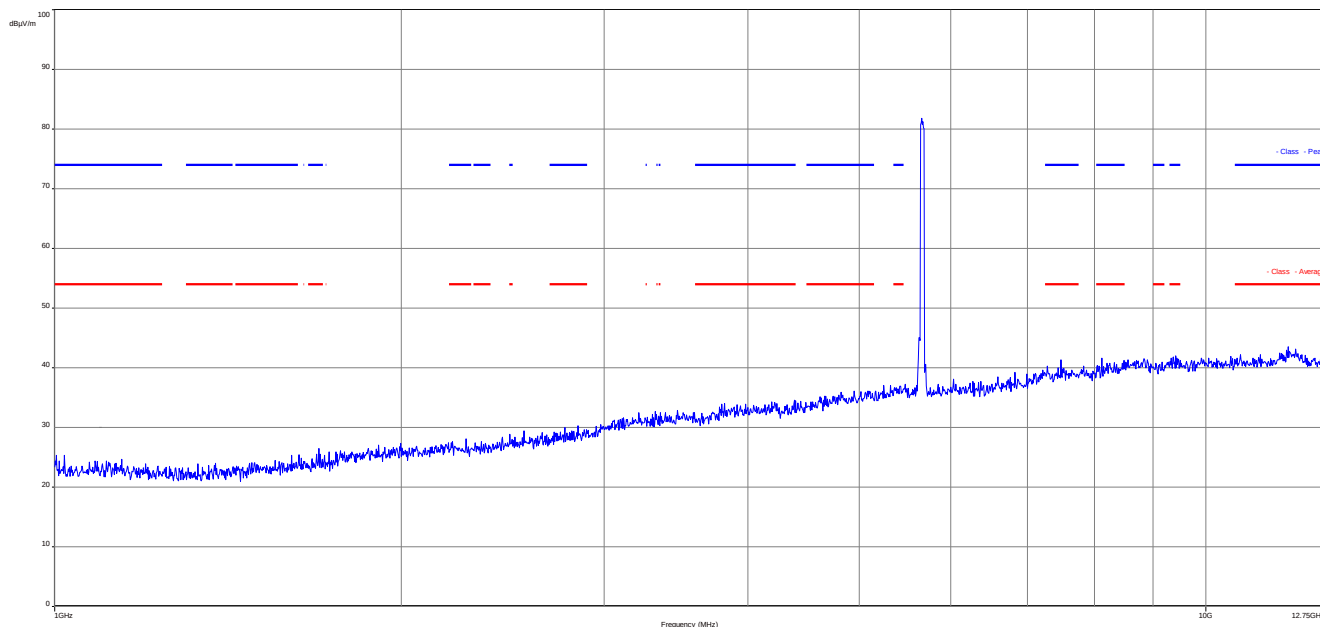
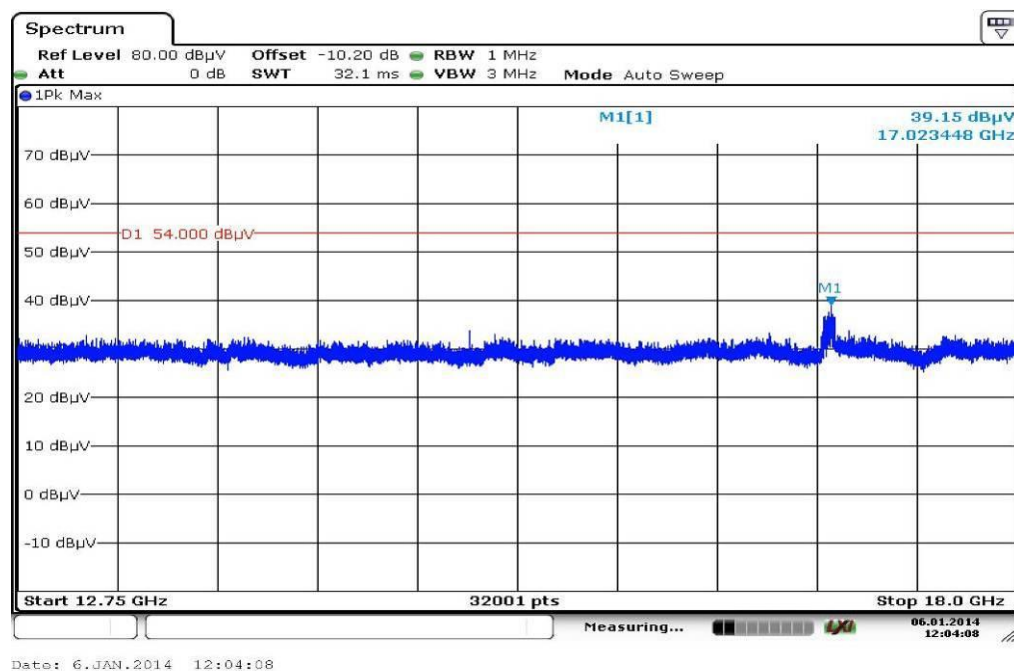
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

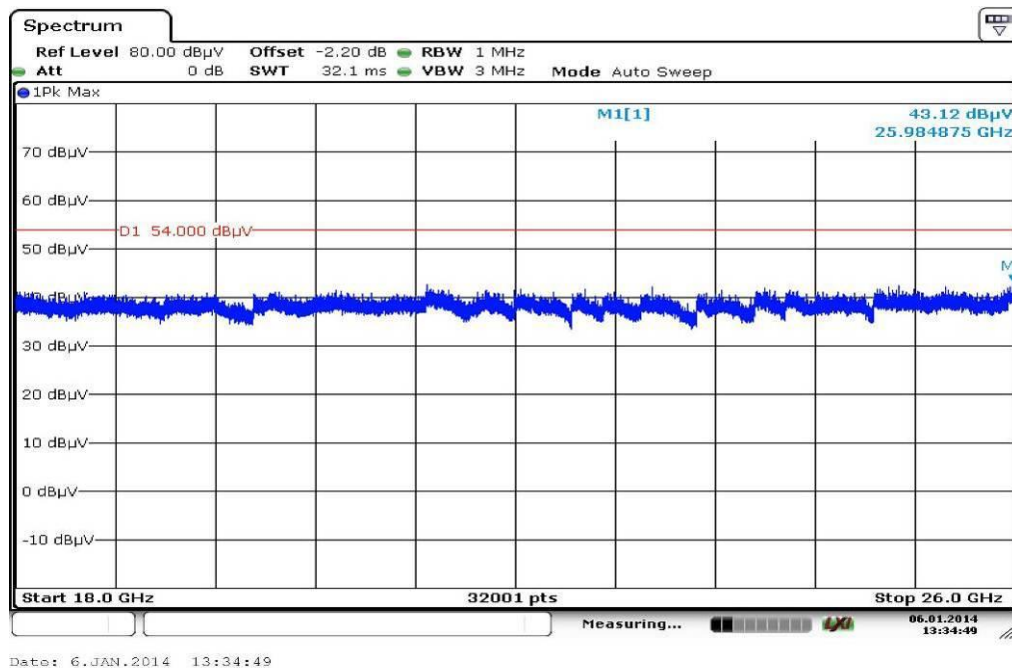
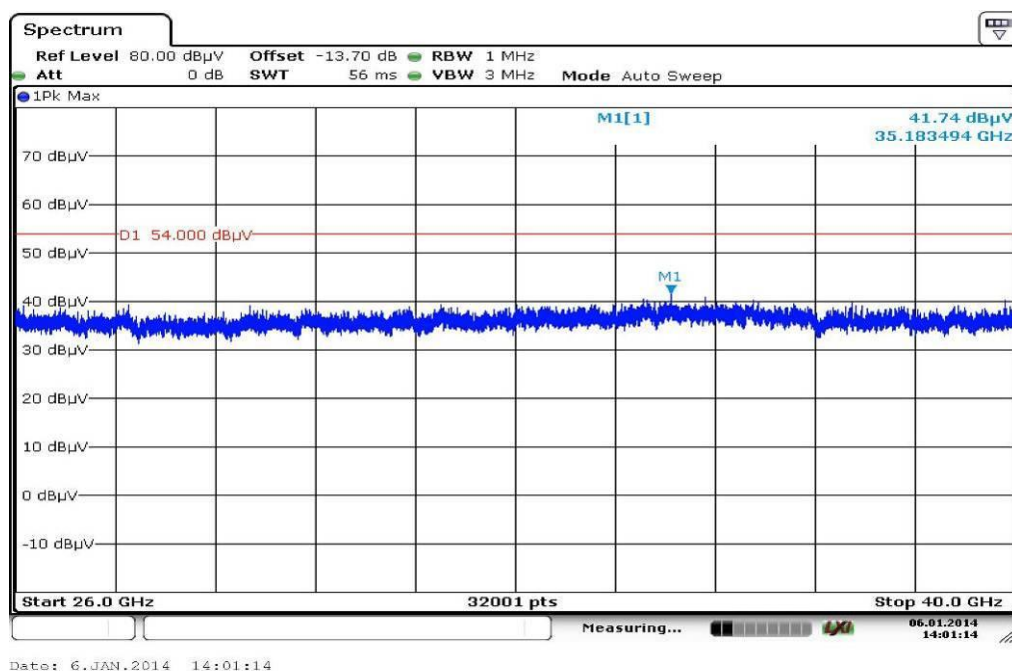
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
32.784000	9.6	1000.0	120.000	142.0	V	100.0	12.8	20.4	30.0	
40.983450	10.8	1000.0	120.000	170.0	H	269.0	13.4	19.2	30.0	
52.340250	9.9	1000.0	120.000	121.0	V	81.0	13.1	20.1	30.0	
700.309350	20.1	1000.0	120.000	170.0	H	-5.0	22.5	15.9	36.0	
800.352150	21.2	1000.0	120.000	170.0	H	10.0	23.8	14.8	36.0	
920.406000	22.6	1000.0	120.000	170.0	V	2.0	25.3	13.4	36.0	

Plot 32: 1 GHz to 12.75 GHz, 5670 MHz, vertical & horizontal polarization**Plot 33:** 12 GHz to 18 GHz, 5670 MHz, vertical & horizontal polarization

Plot 34: 18 GHz to 26 GHz, 5670 MHz, vertical & horizontal polarization**Plot 35:** 26 GHz to 40 GHz, 5670 MHz, vertical & horizontal polarization

Plots: OFDM / ac – mode HT80

Plot 36: 30 MHz to 1 GHz, 5210 MHz, vertical & horizontal polarization

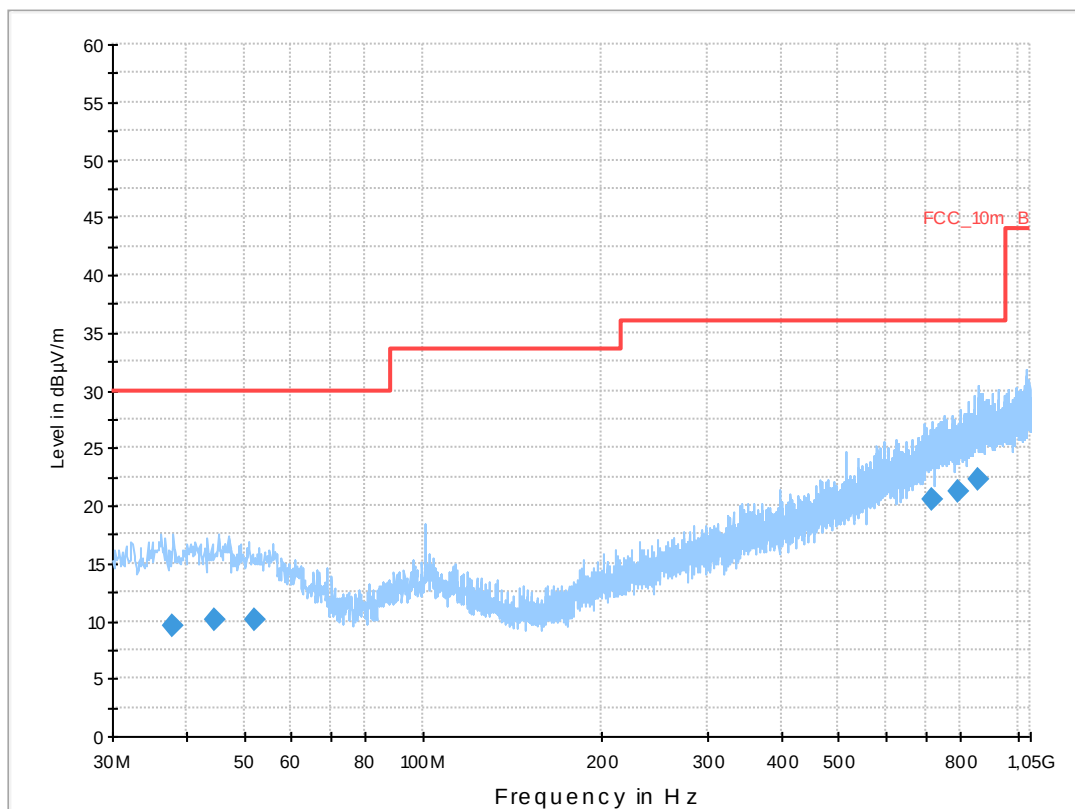
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT80) tx ch 42
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

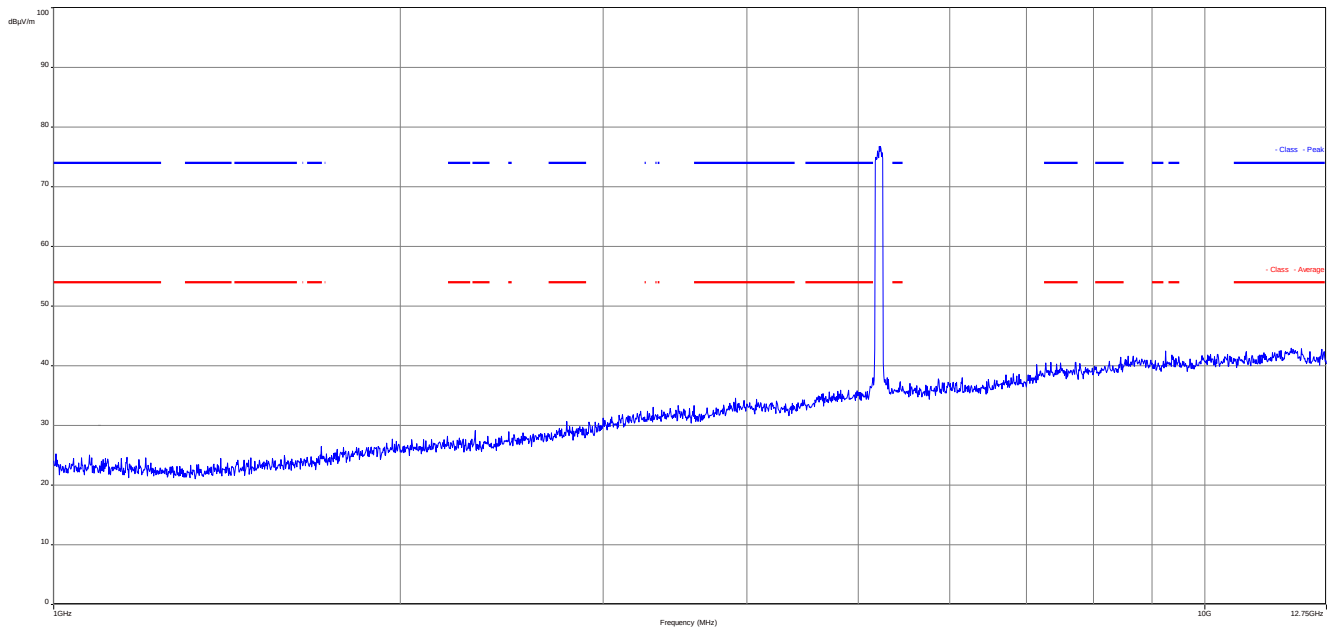
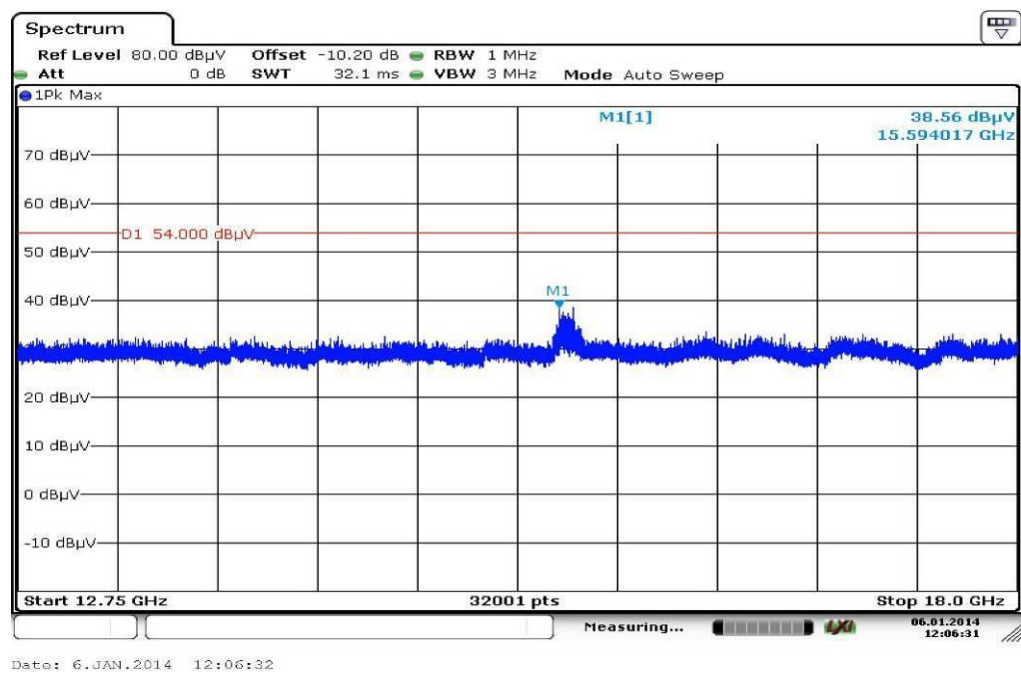
Hardware Setup: Electric Field (NOS)
 Receiver: [ESC1 3]
 Level Unit: dBμV/m

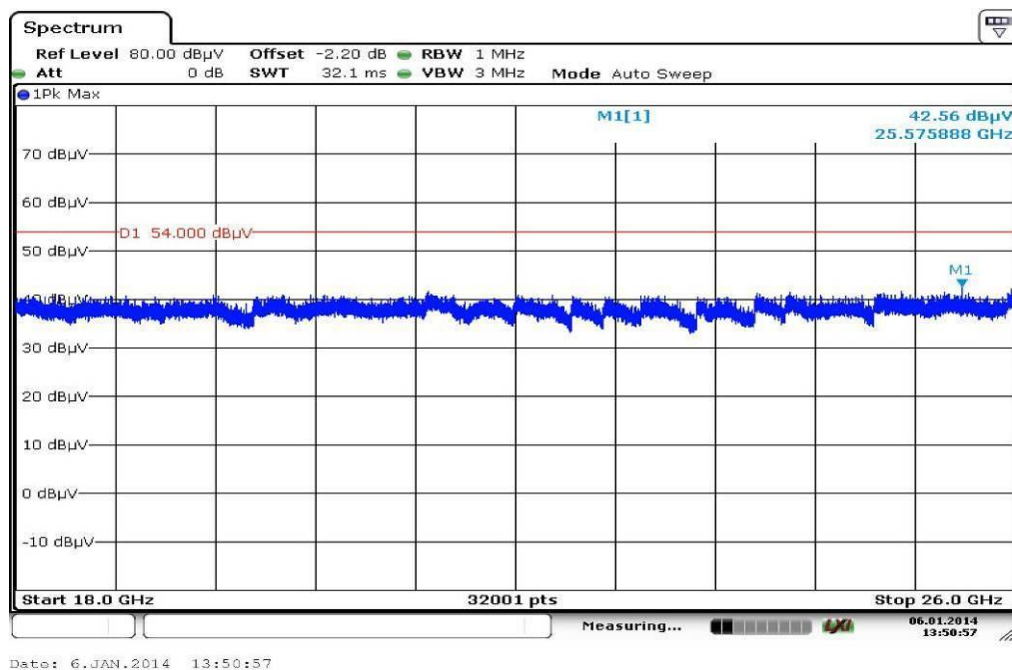
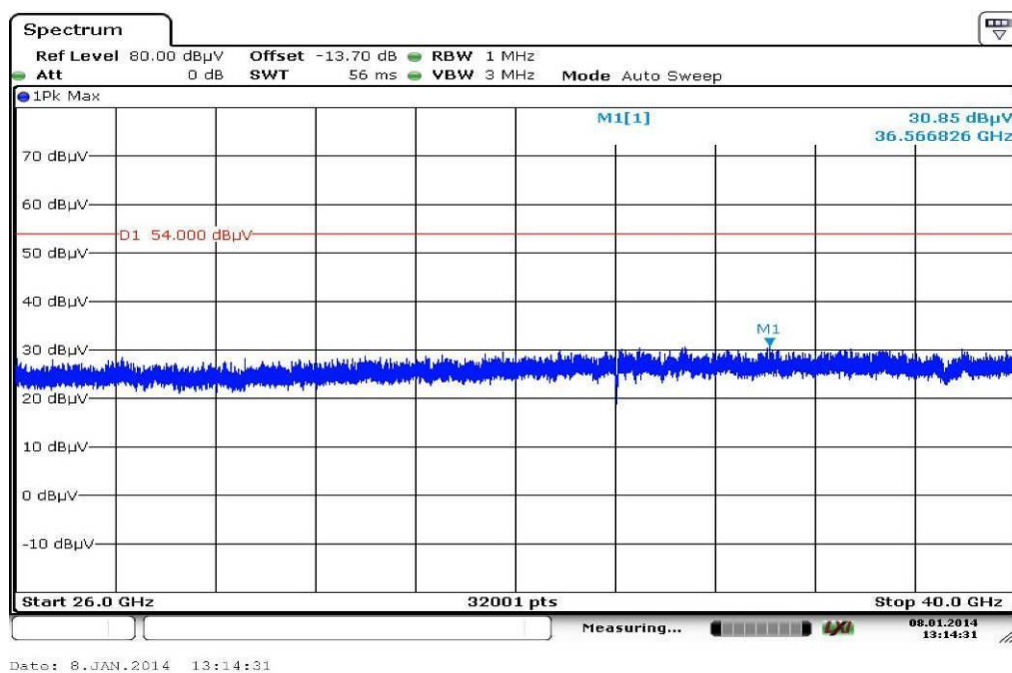
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
37.773900	9.6	1000.0	120.000	109.0	V	260.0	13.3	20.4	30.0	
44.652150	10.1	1000.0	120.000	98.0	H	-2.0	13.3	19.9	30.0	
52.083000	10.1	1000.0	120.000	170.0	V	92.0	13.2	19.9	30.0	
715.905900	20.4	1000.0	120.000	170.0	V	190.0	22.9	15.6	36.0	
793.071600	21.2	1000.0	120.000	170.0	V	190.0	23.8	14.8	36.0	
860.142450	22.3	1000.0	120.000	111.0	V	88.0	24.7	13.7	36.0	

Plot 37: 1 GHz to 12.75 GHz, 5210 MHz, vertical & horizontal polarization**Plot 38:** 12 GHz to 18 GHz, 5210 MHz, vertical & horizontal polarization

Plot 39: 18 GHz to 26 GHz, 5210 MHz, vertical & horizontal polarization**Plot 40:** 26 GHz to 40 GHz, 5210 MHz, vertical & horizontal polarization

Plot 41: 30 MHz to 1 GHz, 5290 MHz, vertical & horizontal polarization

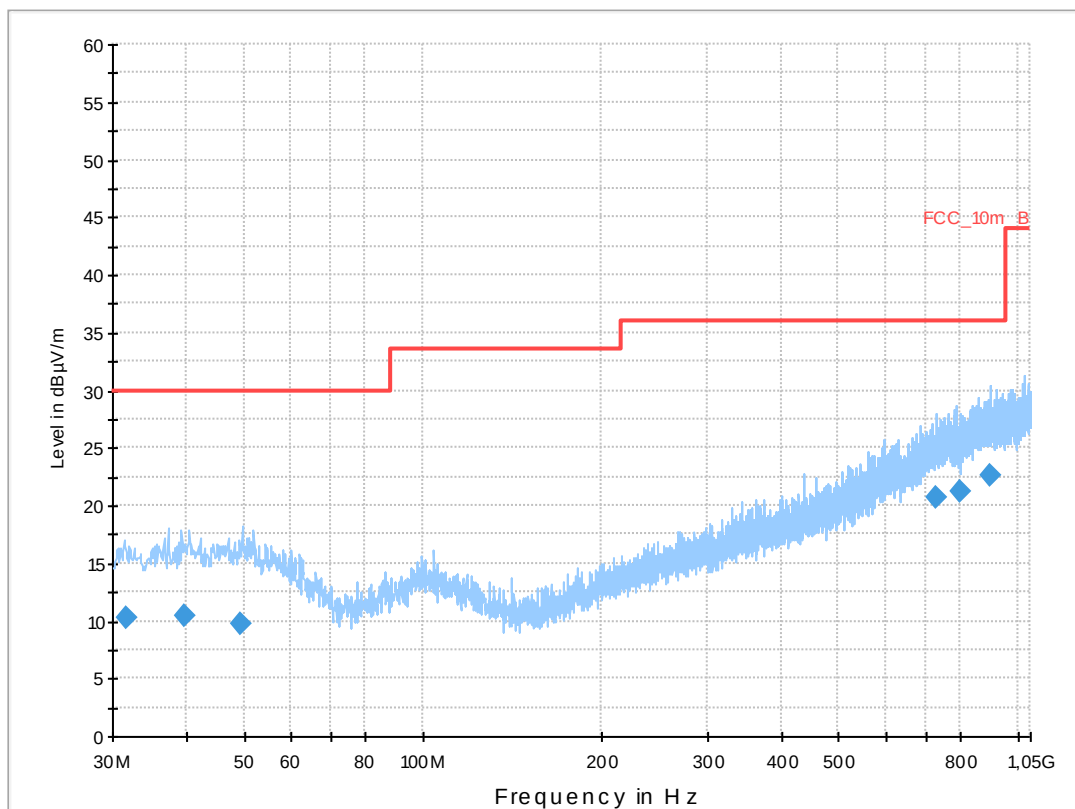
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT80) tx ch 58
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

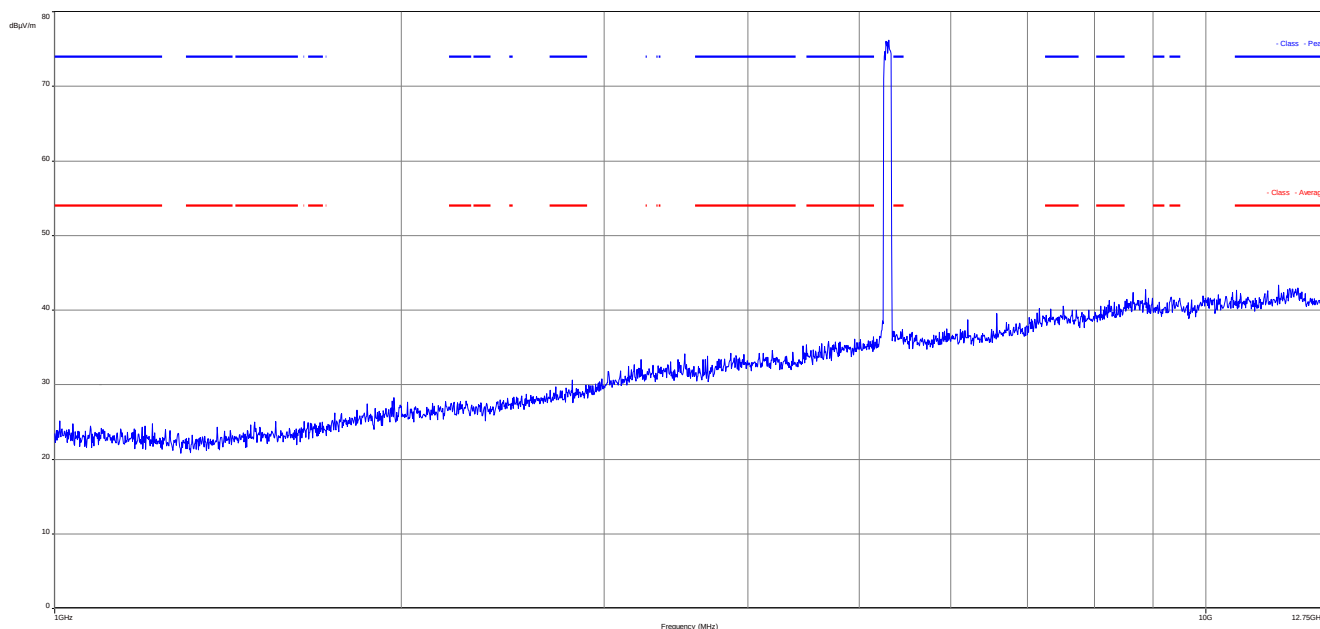
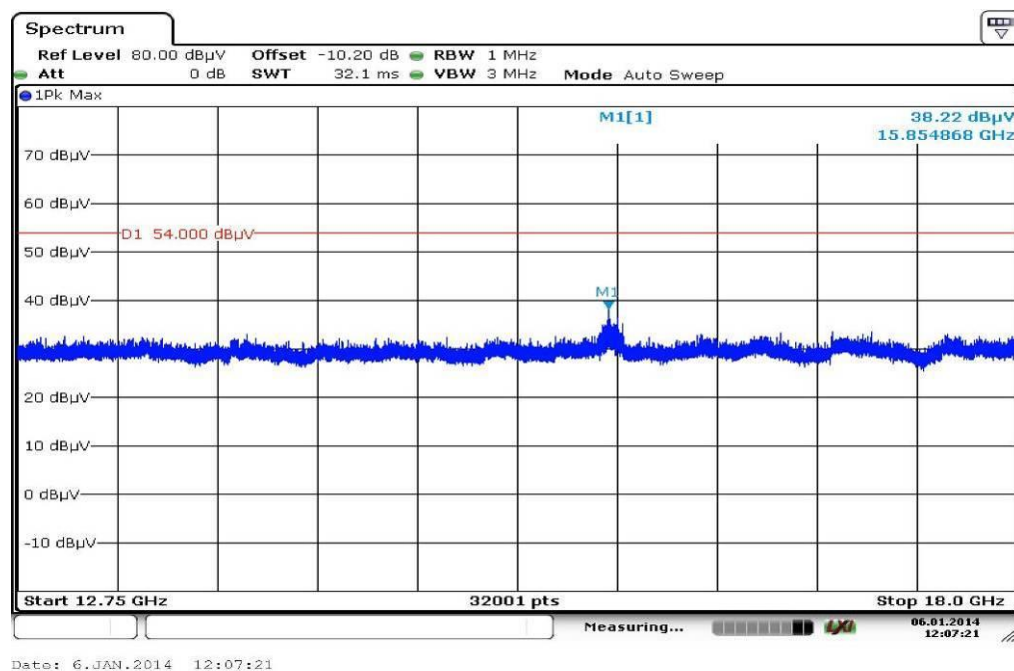
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

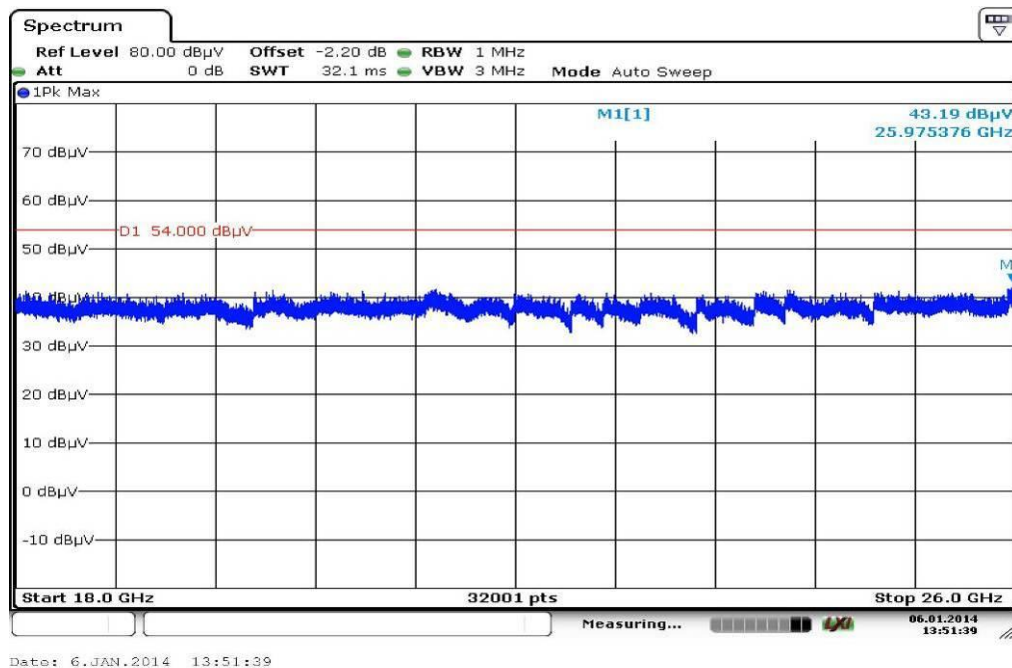
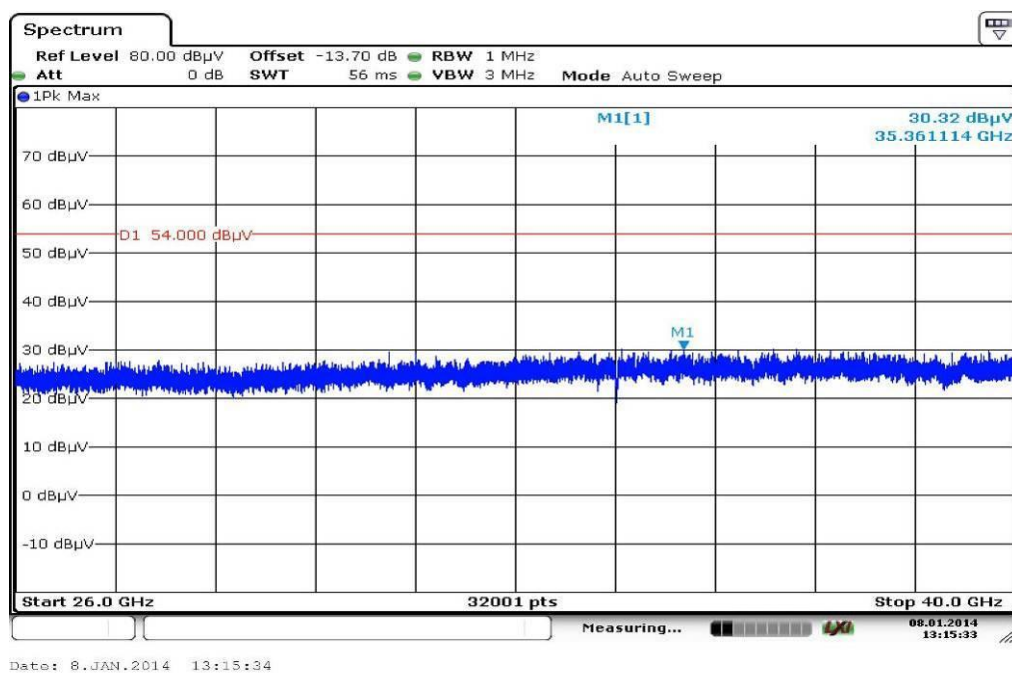
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
31.772550	10.3	1000.0	120.000	170.0	H	170.0	12.7	19.7	30.0	
39.745350	10.4	1000.0	120.000	170.0	H	280.0	13.4	19.6	30.0	
49.179000	9.7	1000.0	120.000	132.0	V	190.0	13.4	20.3	30.0	
731.140050	20.8	1000.0	120.000	170.0	H	261.0	23.2	15.2	36.0	
802.993200	21.3	1000.0	120.000	170.0	H	190.0	23.8	14.7	36.0	
897.214200	22.7	1000.0	120.000	170.0	H	85.0	25.2	13.3	36.0	

Plot 42: 1 GHz to 12.75 GHz, 5290 MHz, vertical & horizontal polarization**Plot 43:** 12 GHz to 18 GHz, 5290 MHz, vertical & horizontal polarization

Plot 44: 18 GHz to 26 GHz, 5290 MHz, vertical & horizontal polarization**Plot 45:** 26 GHz to 40 GHz, 5290 MHz, vertical & horizontal polarization

Plot 46: 30 MHz to 1 GHz, 5530 MHz, vertical & horizontal polarization

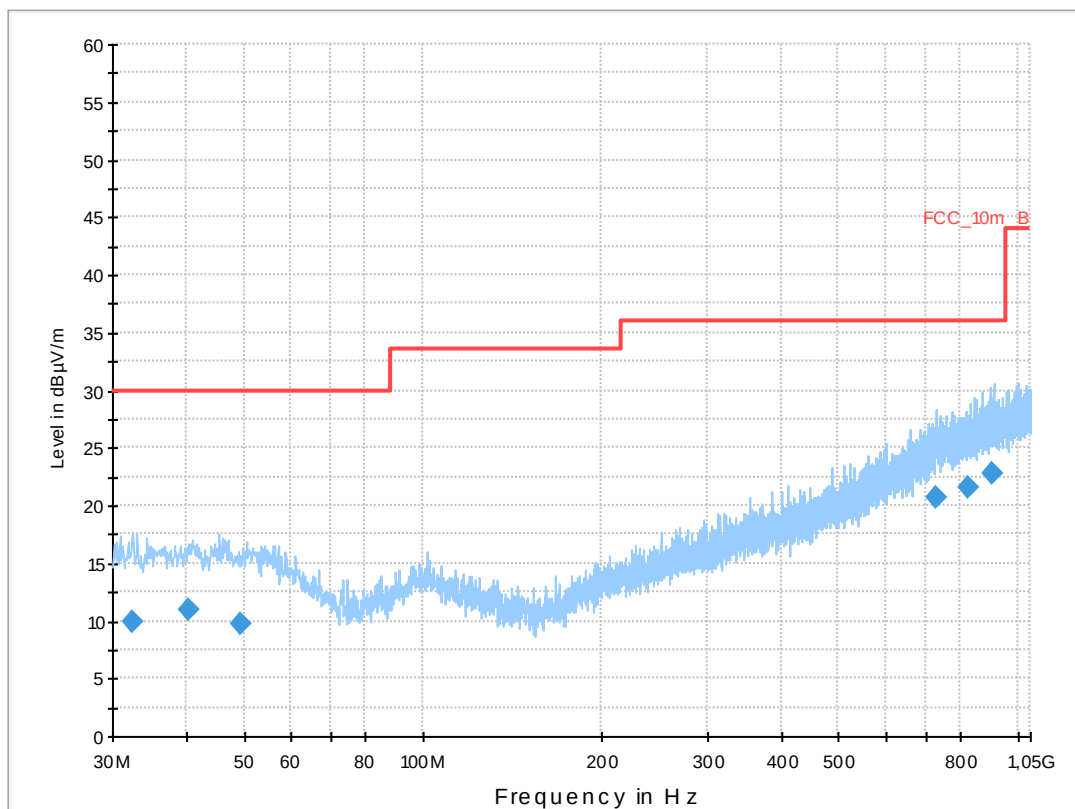
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT80) tx ch 106
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

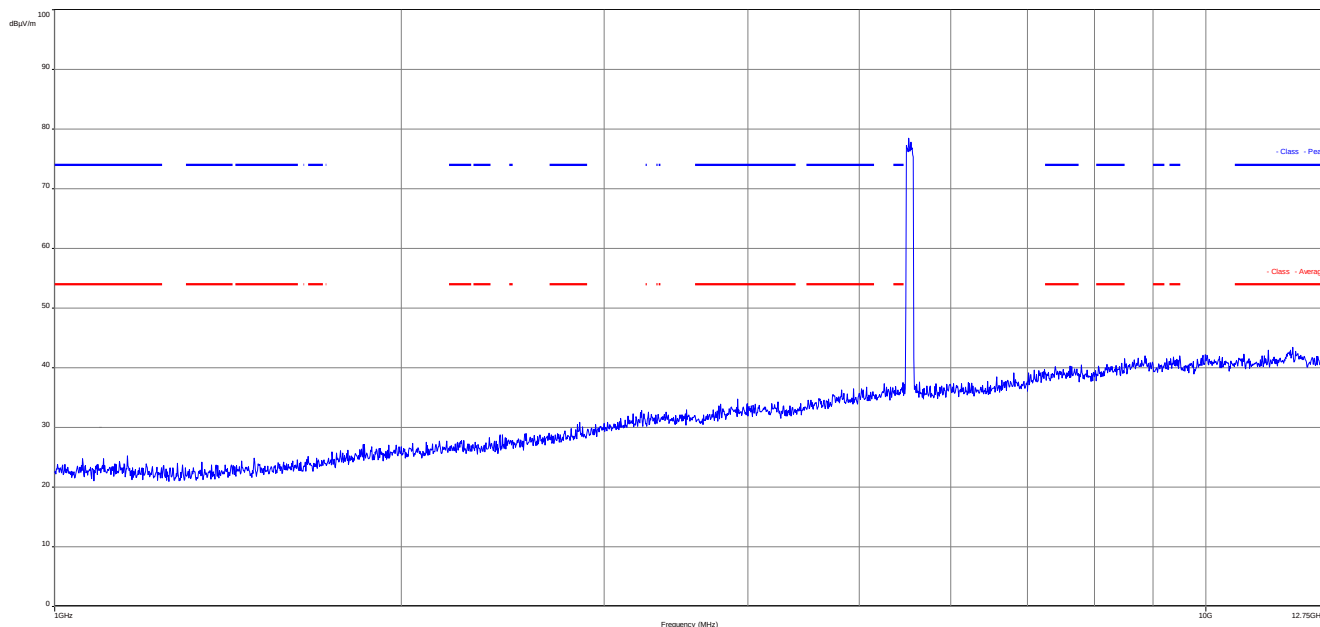
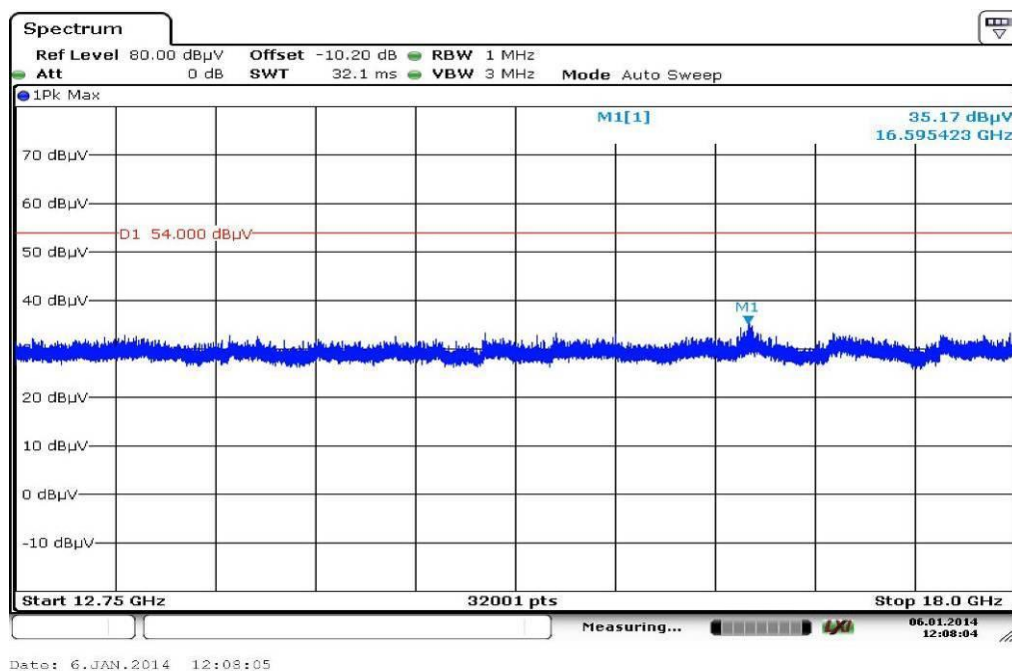
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

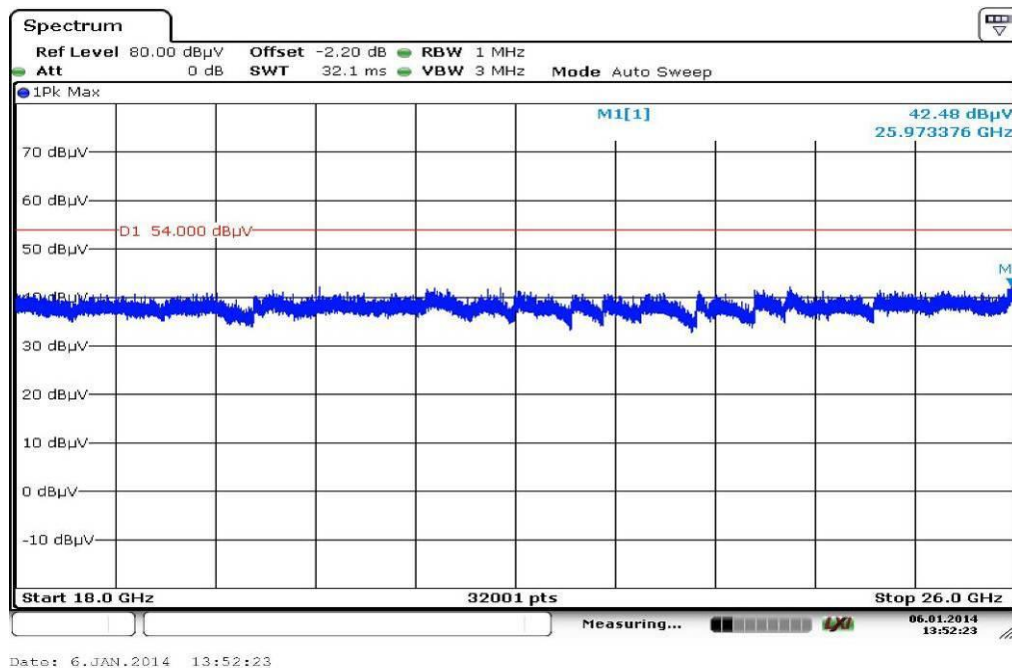
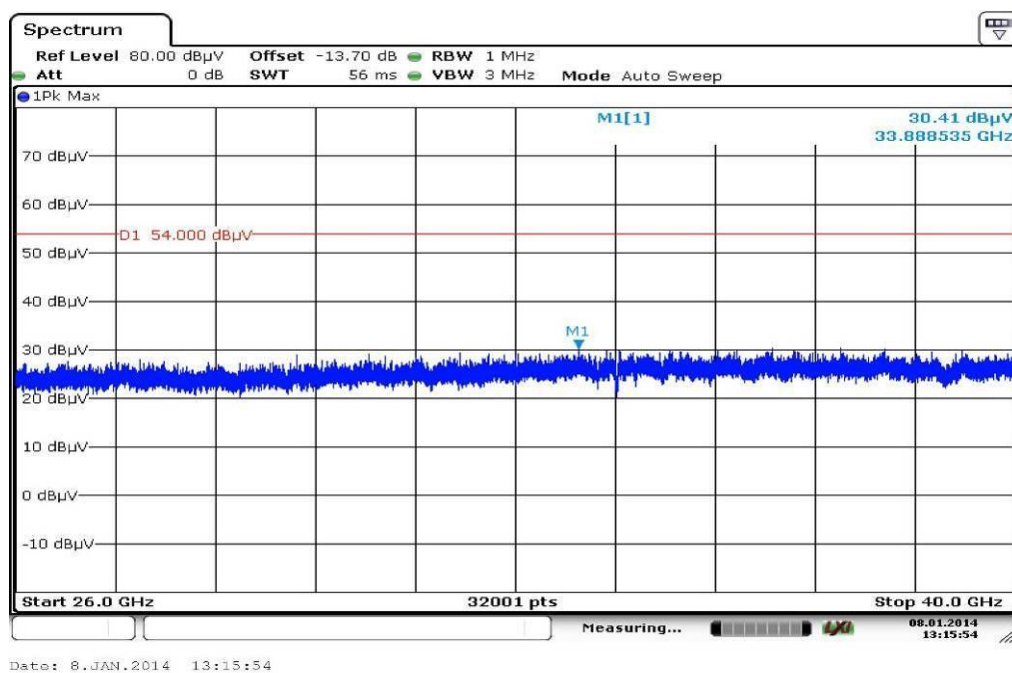
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
32.396550	9.9	1000.0	120.000	143.0	H	2.0	12.8	20.1	30.0	
40.421250	10.9	1000.0	120.000	170.0	H	170.0	13.4	19.1	30.0	
49.318800	9.8	1000.0	120.000	170.0	H	280.0	13.4	20.2	30.0	
727.276050	20.7	1000.0	120.000	111.0	H	92.0	23.1	15.3	36.0	
822.322350	21.6	1000.0	120.000	155.0	H	280.0	24.1	14.4	36.0	
909.114450	22.7	1000.0	120.000	161.0	V	170.0	25.2	13.3	36.0	

Plot 47: 1 GHz to 12.75 GHz, 5530 MHz, vertical & horizontal polarization**Plot 48:** 12 GHz to 18 GHz, 5530 MHz, vertical & horizontal polarization

Plot 49: 18 GHz to 26 GHz, 5530 MHz, vertical & horizontal polarization**Plot 50:** 26 GHz to 40 GHz, 5530 MHz, vertical & horizontal polarization

Plot 51: 30 MHz to 1 GHz, 5610 MHz, vertical & horizontal polarization

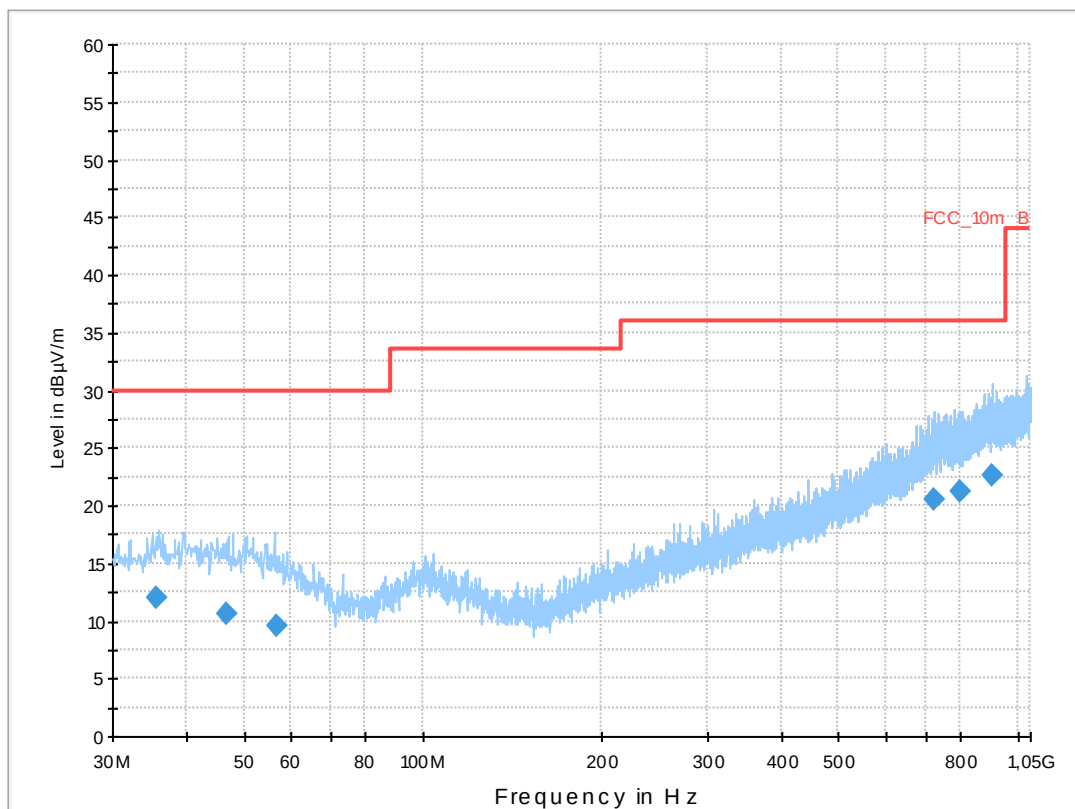
Common Information

EUT: TM-0040-BV
 Serial Number: CB51267Q67
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: w-lan ac-mode (HT80) tx ch 122
 Operator Name: Hennemann
 Comment: battery powered

Scan Setup: STAN_Fin [EMI radiated]

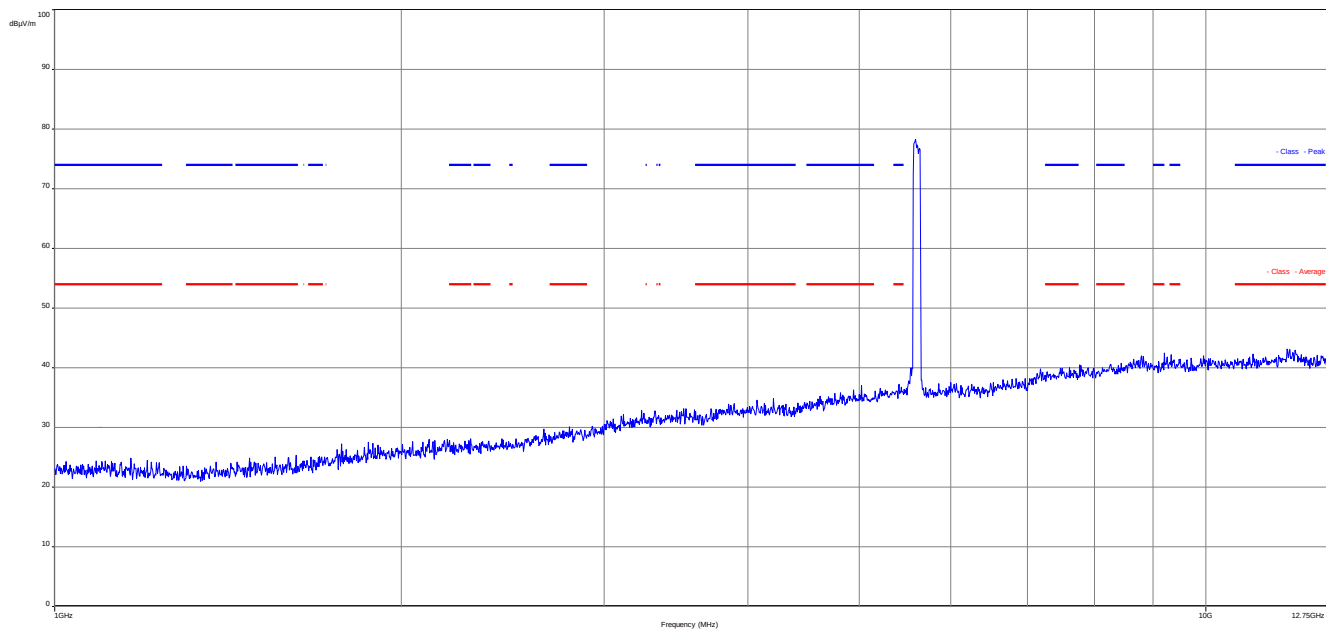
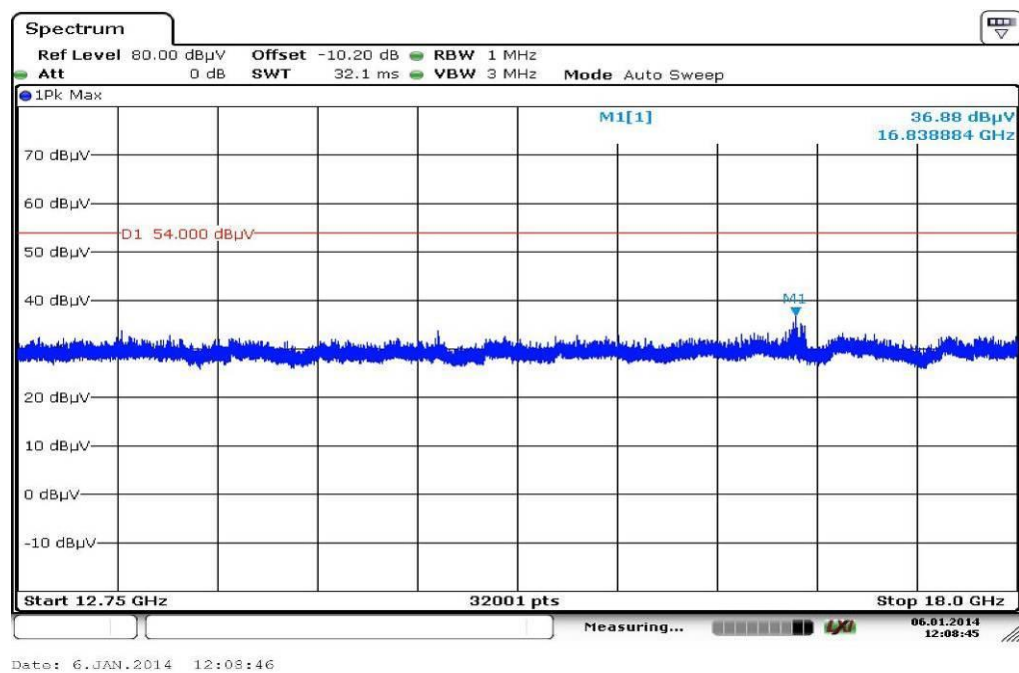
Hardware Setup: Electric Field (NOS)
 Receiver: [ESCI 3]
 Level Unit: dB μ V/m

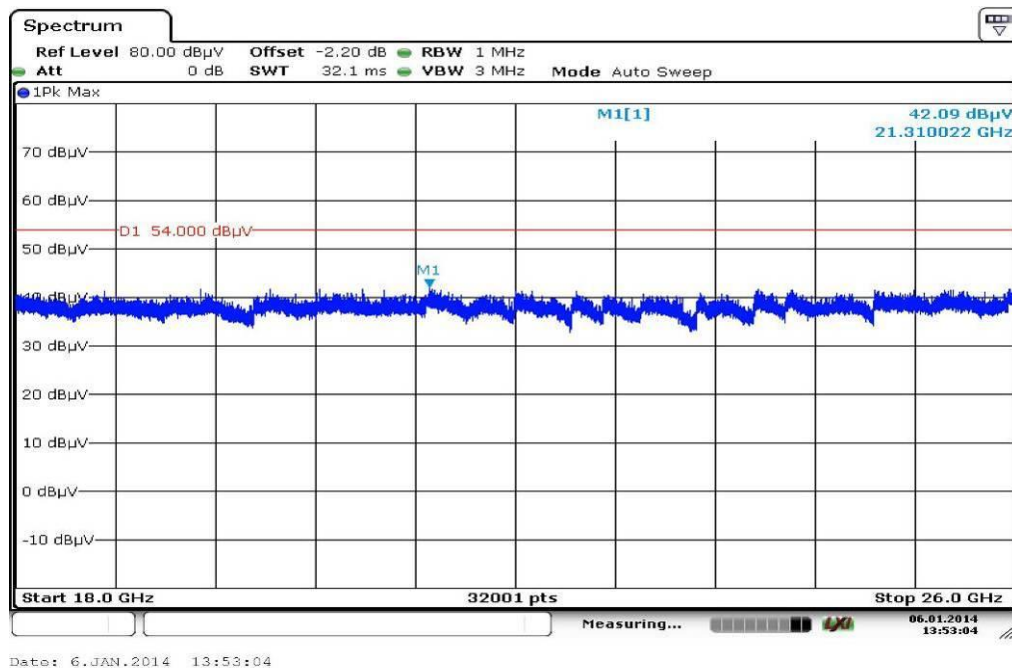
Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
30 MHz - 2 GHz	60 kHz	QPK	120 kHz	1 s	20 dB



Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
35.492100	11.9	1000.0	120.000	170.0	V	80.0	13.1	18.1	30.0	
46.683300	10.6	1000.0	120.000	98.0	V	100.0	13.3	19.4	30.0	
56.734650	9.6	1000.0	120.000	170.0	H	182.0	12.4	20.4	30.0	
724.833450	20.5	1000.0	120.000	98.0	V	10.0	23.1	15.5	36.0	
799.297800	21.2	1000.0	120.000	105.0	V	0.0	23.8	14.8	36.0	
903.595650	22.7	1000.0	120.000	154.0	H	10.0	25.2	13.3	36.0	

Plot 52: 1 GHz to 12.75 GHz, 5610 MHz, vertical & horizontal polarization**Plot 53:** 12 GHz to 18 GHz, 5610 MHz, vertical & horizontal polarization

Plot 54: 18 GHz to 26 GHz, 5610 MHz, vertical & horizontal polarization**Plot 55:** 26 GHz to 40 GHz, 5610 MHz, vertical & horizontal polarization