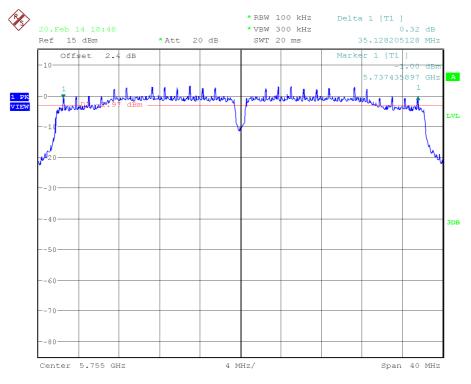
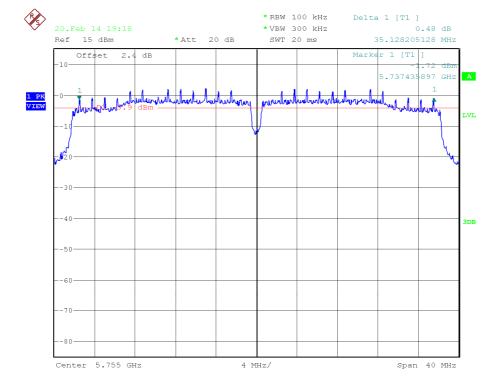


<u>3. WiFi 5GHz 802.11 n40 mode</u>

Lowest Channel: 5755 MHz. Chain A



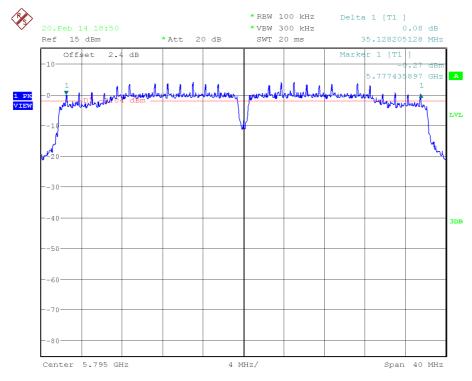
Date: 20.FEB.2014 18:48:00



Lowest Channel: 5755 MHz. Chain B

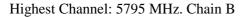
Date: 20.FEB.2014 19:18:53





Highest Channel: 5795 MHz. Chain A

Date: 20.FEB.2014 18:50:32



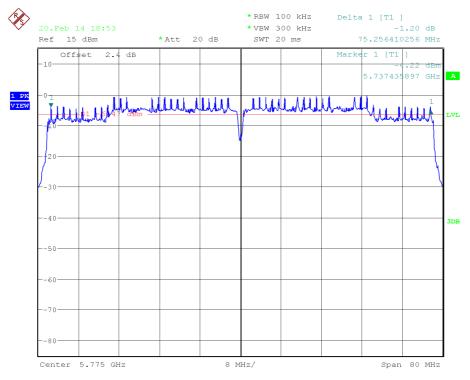


Date: 20.FEB.2014 19:23:00



4. WiFi 5GHz 802.11 ac80 mode

Middle Channel: 5775 MHz. Chain A



Date: 20.FEB.2014 18:53:16



Date: 20.FEB.2014 19:28:25



Section 15.247 Subclause (b) / RSS-210 A8.4. (4). Maximum output power and antenna gain

SPECIFICATION

The maximum peak conducted output power of the intentional radiator shall not exceed 1 watt (30 dBm). The e.i.r.p. shall not exceed 4 W (36 dBm) (Canada).

RESULTS

The maximum Peak Conducted Output Power was measured using the channel integration method according to point 9.1.2. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v03r01 dated 09/04/2013. This method was used for 802.11ac80 mode.

The maximum conducted (average) output power was measured using the method according to point 9.2.1.2. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v03r01 dated 09/04/2013. This method was used for 802.11a, 802.11n20 and 802.11n40 modes.

In the measure-and-sum approach for MIMO mode, the conducted emission level (*e.g.*, transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in linear power units (mW—not dBm).

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

For MIMO mode, the Guidance on directional Gain calculations according to the Guidance for Emission Testing of Transmitters with Multiple Outputs in the Same Band 662911 D01 Multiple Transmitter Output v02r01 dated 10/31/2013 was used.

The number of transmit antennas (NANT) are 2 and the number of spatial streams (Nss) are 2 and therefore the Array Gain is 0 dB.

MAXIMUM OUTPUT POWER. (See next plots of worst case: highest power).

Declared maximum antenna gain: 5 dBi.

<u>1. WiFi 5GHz 802.11 a mode</u>

Conducted (average) output power.

	Lowest frequency		Middle frequency		Highest frequency	
	5745 MHz		5785 MHz		5825 MHz	
	Chain A Chain B C		Chain A	Chain B	Chain A	Chain B
Maximum conducted power (dBm)	15.27	15.02	15.67	14.70	15.42	15.35
Maximum EIRP power (dBm)	20.27	20.02	20.67	19.70	20.42	20.35
Measurement uncertainty (dB)	±1.5					



2. WiFi 5GHz 802.11 n20 mode

Conducted (average) output power.

	5745 MHz		Middle frequency 5785 MHz		Highest frequency 5825 MHz	
			Chain A	Chain B	Chain A	Chain B
Maximum conducted power (dBm)	15.49	15.13	15.26	14.88	15.36	14.89
Maximum EIRP power (dBm)	20.49	20.13	20.26	19.88	20.36	19.89
Measurement uncertainty (dB)	±1.5					

	Lowest frequency 5745 MHz		Middle frequency 5785 MHz		Highest frequency	
MIMO	5745	MHZ	5785	MHZ	5825	MHz
	Chain A+B		Chain A+B		Chain A+B	
	Port A	Port B	Port A	Port B	Port A	Port B
Maximum conducted power (dBm)	13.49	13.19	13.18	13.20	13.36	13.74
	Port A+B		Port A+B		Port A+B	
Maximum conducted power (dBm)	16.35		16.20		16.56	
Maximum EIRP power (dBm)	21.35		21.20		21.56	
Measurement uncertainty (dB)			±	1.5		

<u>3. WiFi 5GHz 802.11 n40 mode</u>

Conducted (average) output power.

	Lowest f	requency	Highest frequency		
	5755	MHz	5795	MHz	
	Chain A	Chain B	Chain A	Chain B	
Maximum conducted power (dBm)	16.29	16.21	16.29	16.15	
Maximum EIRP power (dBm)	21.29	21.21	21.29	21.15	
Measurement uncertainty (dB)	±1.5				



МІМО	Lowest frequency 5755 MHz		Highest frequency 5795 MHz		
	Chain A+B		Chain A+B Chain		
	Port A Port B		Port A	Port B	
Maximum conducted power (dBm)	16.50 16.51		16.47	16.42	
	Port A+B		Port A+B		
Maximum conducted power (dBm)	19.52		19.46		
Maximum EIRP power (dBm)	24.52		24.46		
Measurement uncertainty (dB)			±1.2		

Verdict: PASS

4. WiFi 5GHz 802.11 ac80 mode

Peak Conducted Output Power.

	Middle frequency					
	5775 MHz					
	Chain A	Chain B				
Maximum conducted power (dBm)	24.96	25.19				
Maximum EIRP power (dBm)	29.96	30.19				
Measurement uncertainty (dB)	±1.2					

МІМО	Middle frequency 5775 MHz					
	Chain A+B					
	Port A Port B					
Maximum conducted power (dBm)	24.82 25.42					
	Port A+B					
Maximum conducted power (dBm)	28.14					
Maximum EIRP power (dBm)	33.14					
Measurement uncertainty (dB)	±1	.2				



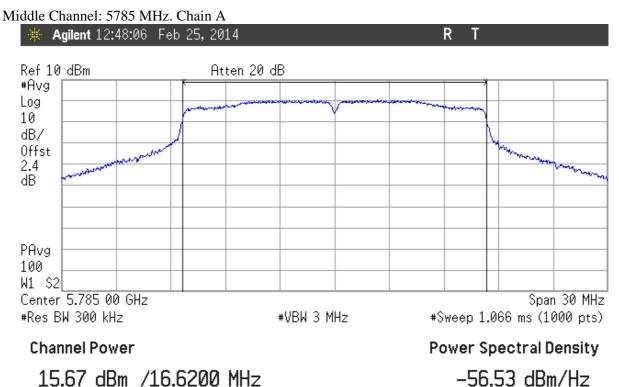
Conducted (average) output power. These results are for information purposes only.

	Middle frequency					
	5775 MHz					
	Chain A Chain B					
Maximum conducted power (dBm)	16.42	16.63				
Maximum EIRP power (dBm)	21.42	21.63				
Measurement uncertainty (dB)	±1.2					

МІМО	Middle frequency 5775 MHz				
	Chain A+B				
	Port A Port B				
Maximum conducted power (dBm)	16.51 16.55				
	Port A+B				
Maximum conducted power (dBm)	19.54				
Maximum EIRP power (dBm)	24.54				
Measurement uncertainty (dB)	±1	.2			



1. WiFi 5GHz 802.11 a mode



2. WiFi 5GHz 802.11 n20 mode

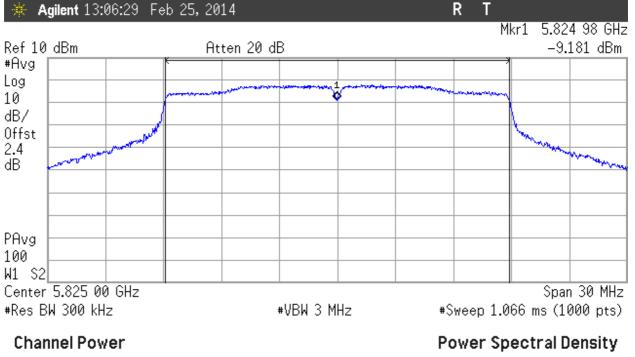
🔆 Agilent 12:59:55 🕞	eb 25,2014		R T Mi	<r1 5.744="" 98="" ghz<="" th=""></r1>
Ref 10_dBm	Atten 20 dl	3		-6.855 dBm
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10	and a second sec	×		
dB/	(\
Offst				and a start of the
Offst 2.4 dB				and
PAvg				
100 W1 S2				
Center 5.745 00 GHz				Span 30 MHz
#Res BW 300 kHz	1	₩VBW 3 MHz	#Sweep 1.0	66 ms (1000 pts)
Channel Power			Power Sp	ectral Density

15.49 dBm /17.8000 MHz

ectral Density

-57.01 dBm/Hz



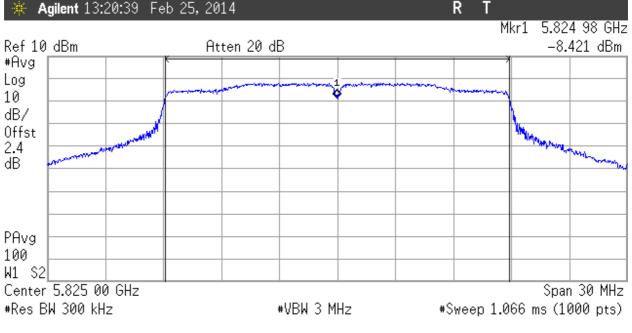


13.36 dBm /17.8000 MHz

MIMO. Highest Channel: 5825 MHz. Chain A+B. Port A

-59.15 dBm/Hz

Highest Channel: 5825 MHz. Chain A+B. Port B



Channel Power

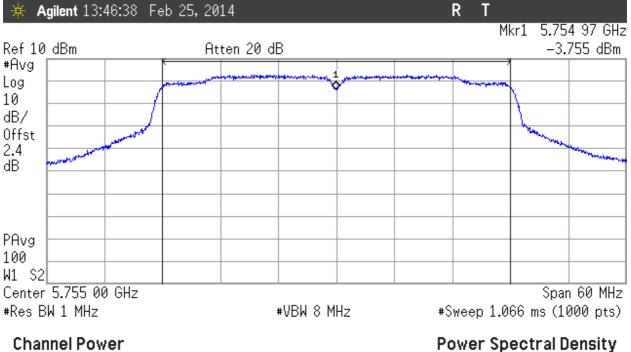
13.74 dBm /17.7800 MHz

Power Spectral Density

-58.76 dBm/Hz



SISO. Lowest Channel: 5755 MHz. Chain A



16.29 dBm /35.9900 MHz

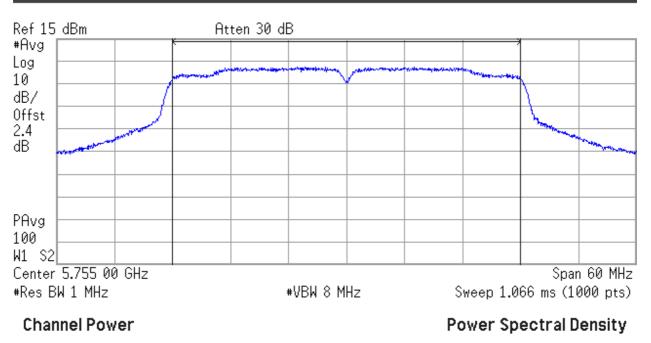
Power Spectral Density

-59.27 dBm/Hz



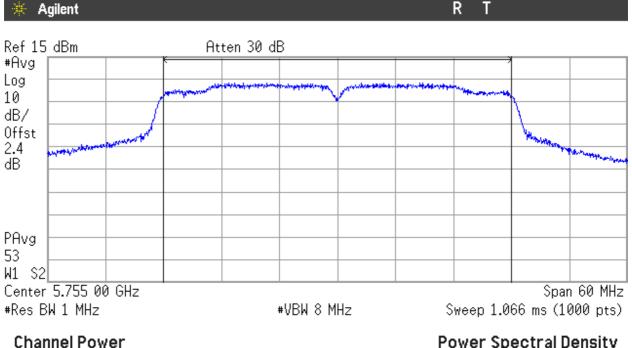
R

MIMO. Lowest Channel: 5755 MHz. Chain A+B. Port A Agilent



16.50 dBm /35.9900 MHz

Lowest Channel: 5755 MHz. Chain A+B. Port B



16.51 dBm /35.9900 MHz

Power Spectral Density

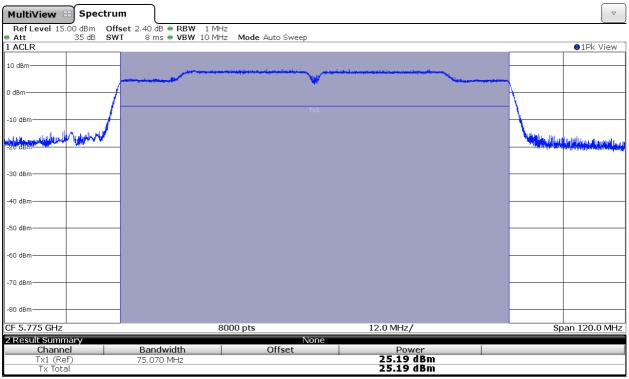
-59.06 dBm/Hz

-59.05 dBm/Hz

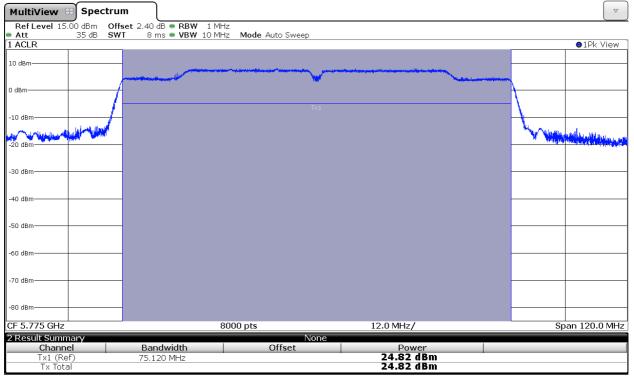


4. WiFi 5GHz 802.11 ac80 mode

Peak Conducted Output Power. SISO. Middle Channel: 5775 MHz. Chain B.

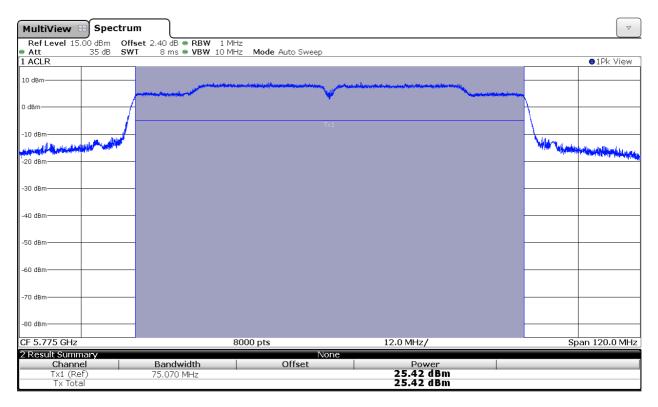


MIMO. Middle Channel: 5775 MHz. Chain A+B. Port A



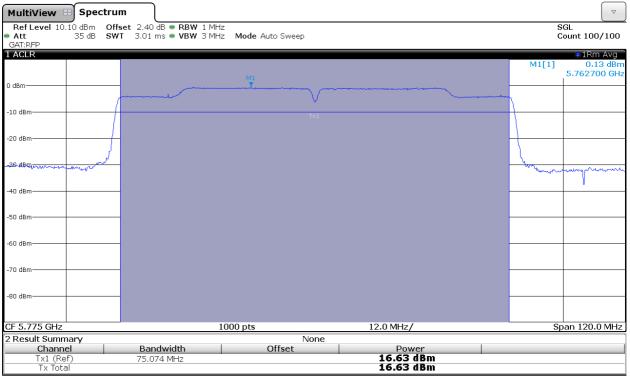


MIMO. Middle Channel: 5775 MHz. Chain A+B. Port B



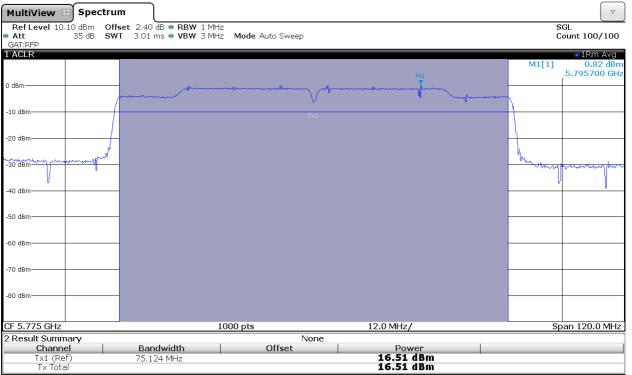


Conducted (average) output power (for information purposes only).



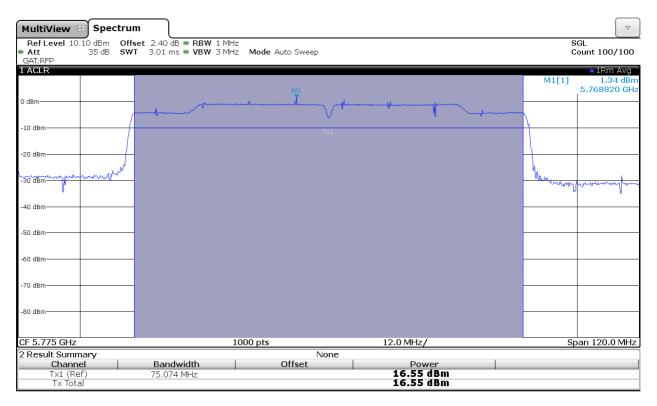
SISO. Middle Channel: 5775 MHz. Chain B.

MIMO. Middle Channel: 5775 MHz. Chain A+B. Port A





MIMO. Middle Channel: 5775 MHz. Chain A+B. Port B





Section 15.247 Subclause (d) / RSS-210 A8.5. Emission limitations conducted (Transmitter)

SPECIFICATION

In any 100 kHz bandwidth outside the frequency band in which the digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB instead of 20 dB.

1. WiFi 5GHz 802.11 a mode

Reference Level Measurement

	Lowest frequency		Middle frequency		Highest frequency	
	5745 MHz		5785 MHz		5825 MHz	
	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
Reference Level Measurement (dBm)	5.90	4.09	5.87	4.13	5.87	4.44
Measurement uncertainty (dB)	±1.5					

Chain A / Chain B

Lowest frequency 5745 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-24.10 / -25.91

Middle frequency 5785 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-24.13 / -25.87

Highest frequency 5825 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-24.13 / -25.56



2. WiFi 5GHz 802.11 n20 mode

Reference Level Measurement

	Lowest frequency 5745 MHz		Middle frequency 5785 MHz		Highest frequency 5825 MHz	
	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
Reference Level Measurement (dBm)	5.18	3.57	5.66	3.79	5.38	4.41
Measurement uncertainty (dB)			4	-1.5		

Chain A / Chain B

Lowest frequency 5745 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-24.82 / -26.43

Middle frequency 5785 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-24.34 / -26.21

Highest frequency 5825 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-24.62 / -25.59



3. WiFi 5GHz 802.11 n40 mode

Reference Level Measurement

	Lowest frequency 5755 MHz		C C	frequency MHz
	Chain A Chain B		Chain A	Chain B
Reference Level Measurement (dBm)	2.87	2.07	3.83	2.67
Measurement uncertainty (dB)			±1.5	

Chain A

Lowest frequency 5755 MHz

Spurious frequency (GHz)	Level (dBm)	Limit (dBm)
17.27235	-45.46	-27.13

Highest frequency 5795 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-26.17

Chain B

Lowest frequency 5755 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-27.93

Highest frequency 5795 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-27.33



4. WiFi 5GHz 802.11 ac80 mode

Reference Level Measurement

	Middle f	requency			
	5775 MHz				
	Chain A	Chain B			
Reference Level Measurement (dBm)	1.12	0.45			
Measurement uncertainty (dB)	±	1.5			

Chain A / Chain B

Middle frequency 5775 MHz	Limit (dBm)
All peaks are more than 20 dB below the limit.	-18.88 / -19.55

Verdict: PASS (NOTE: The limit is set to -20 dBc since the maximum peak conducted output power was measured for this mode.)



See next plot of worst case: Mode n40. Lowest Channel. Chain A: 5755 MHz.

Number of sweep points: 30,000.

Plot 30 MHz to 3 GHz:

MultiView									
Ref Level 16. Att	35 dB SWT	t 2.40 dB • RBV 30 ms • VBV	V 100 kHz V 300 kHz Mo	de Auto Sweep					●1Pk View
1 Frequency S	weep								UPK VIEW
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
	∙H1 -27.130 dBm								
-30 dBm									
-40 dBm									
-50 dBm									
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's,sava⊟ni ^{ti}	and the second	1		and the second se			In the second	The constraints and with the set of the types	and we grow the second field of the second
-70 dBm									
-80 dBm									
30.0 MHz			30000 pt	is is	29	7.0 MHz/			3.0 GHz

Plot 3 GHz to 6 GHz:

MultiView 🗄	Spectrum								
RefLevel 16.1 Att	2 dBm Offset 35 dB SWT		W 100 kHz W 300 kHz Ma	de Auto Courses					
Frequency Sw		30 ms 🔍 VB	W SOURHZ MU	de Auto Sweep					●1Pk View
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	41 -27.130 dBm								
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	A	and the state of the second				Land Street	(Insertion)		
70 dBm									
30 dBm									
ou ubm									

Note: The peak above the limit is the carrier frequency.



Plot 6 GHz to 9 GHz:

MultiView	B Spectrum								
Ref Level 1 Att	35 dB SWT	t 2.40 dB • RB 30 ms • VB	₩ 100 kHz ₩ 300 kHz Mo	de Auto Sweep					
1 Frequency	Sweep								●1Pk View
10 dBm									
0 dBm									
-10 dBm									
-20 dBm	-H1 -27.130 dBm								
-30 dBm									
-40 dBm									
-50 dBm	ula italij _{e a d} ula ka si l <mark>ukad</mark>	AN AN AND MADE IN A SHORE AND A SHORE AND	i pada daga _{pang} adi tengata daga basa pa	elpertenserinter, buterte	and the second	y da salamatan kibi Mindad	ng panglasan lagan tasihi kan ng panglasan dan sa kana di kan	nalaimitia ya bila taya ilaya da perometera a panta ana a ta	روان المراجع المحمد من المراجع . ويوجد المحمد المراجع من المراجع .
-70 dBm									
-80 dBm									
6.0 GHz			30000 pt	ts	30	0.0 MHz/			9.0 GHz

Plot 9 GHz to 12 GHz:

MultiView	🗄 Spectrum								
RefLevel 16 Att	35 dB SWT	t 2.40 dB • RB 30 ms • VB	₩ 100 kHz ₩ 300 kHz Mo	de Auto Sweep					
1 Frequency S	Sweep								●1Pk View
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-50 dBm	al tellen here til som som state som	hada waxa ku hada dhada a dh	and a second state of the second	a kaya di tanta di a a Uwa	ston michael alarmic	adotter hotelike should serve a	and a dealing to a	dinelastic paralitation	filmentipasch distante
-60 dBm	ile elitifica il dei su processi processi il	<mark>egyanapana (</mark> lan di faltal (na faltana).	aland Sandra Jawa Ang Tangka Kalanda Kalandar	all principal faithfungen fra	، بالمراجع بين من المراجع الم المراجع المراجع	^{ինդ} եստորանդնդությ _ի նում են	a na panja na kanga panja na panja na kana kana ka	and the first of the second	and the second second second
-70 dBm									
-80 dBm									
9.0 GHz	1		30000 pt	s	. 30	0.0 MHz/	1		12.0 GHz



Plot 12 GHz to 15 GHz:

MultiView	B Spectrum								
RefLevel 16 Att	35 dB SWT	t 2.40 dB • RB 30 ms • VB		de Auto Sweep					
1 Frequency S	Sweep								●1Pk View
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	-H1 -27.130 dBm								
-30 dBm									
-40 dBm									
-50 dBm									
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-70 dBm									
, o abiii									
-80 dBm									
12.0 GHz			30000 pt	ts	30	0.0 MHz/			15.0 GHz

Plot 15 GHz to 18 GHz:

MultiView 8	Spectrum								
RefLevel 16. Att	35 dB SWT	t 2.40 dB • RBV 30 ms • VBV	№ 100 kHz № 300 kHz Mo	de Auto Sweep					
1 Frequency St	weep							M1[1]	● 1Pk View -45.46 dBm 7.2723500 GHz
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	H1 -27.130 dBm								
-40 dBm							M1		
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-60 dBm	and a second	terneted in the second state of	an shakar kana kana kana kana kana kana kana	ang ng pina kang kang dip pang menahakan digiki	nten ann o ddatas anna gaean		and a first and a	an a	and the second se
-70 dBm									
-80 dBm			30000 pt			0.0 MHz/			18.0 GHz



Plot 18 GHz to 21 GHz:

MultiV	iew 8	Spectrum								
Ref Le Att	evel 16	.12 dBm Offse 35 dB SWT	t 2.40 dB • RB 30 ms • VB	₩ 100 kHz ₩ 300 kHz Ma	de Auto Sweep					
1 Frequ	ency S	weep								●1Pk View
10 dBm—										
0 dBm										
-10 dBm—										
-20 dBm—										
-30 dBm—		H1 -27.130 dBm								
-40 dBm—										
-50 dBm—									the first second of	
والمراما المانية ومعالك						a landan sa ka ja ka	li Alan Arisali da ang bahat ang bahat ang bahan ang bahan ang bahat ang bahat ang bahat ang bahat ang bahat ang Ang bahat ang bahat a	anti-panalatina anti-panalatina dal	and a state of the second s	n in the factor of the strengt of the
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-70 dBm—										
-70 dBm-										
-80 dBm-	Ηz			30000 pt	ts	30	0.0 MHz/			21.0 GHz

Plot 21 GHz to 24 GHz:

MultiView 8	Spectrum								\bigtriangledown
Att	12 dBm Offse 35 dB SWT		W 100 kHz W 300 kHz Mo	de Auto Sweep					
1 Frequency S	weep								●1Pk View
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-10 dBm									
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-70 dBm									
-80 dBm									
21.0 GHz			30000 pt	s	30	0.0 MHz/			24.0 GHz



Plot 24 GHz to 27 GHz:

	Spectrum								
RefLevel 16 Att	35 dB SWT	t 2.40 dB • RBV 30 ms • VBV		de Auto Sweep					
1 Frequency S	weep								●1Pk View
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0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	H1 -27.130 dBm								
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-70 dBm									
-80 dBm									
24.0 GHz			30000 pt	S	30	0.0 MHz/	l		27.0 GHz

Plot 27 GHz to 30 GHz:

MultiView 8	Spectrum							
Ref Level 16. Att 1 Frequency Sv	35 dB SWT	t 2.40 dB • RB 30 ms • VB	V 100 kHz V 300 kHz Mo	de Auto Sweep				●1Pk View
10 dBm	жеер							OIFK VIEW
10 0.011								
0 dBm								
-10 dBm								
-20 dBm								
-30 dBm	H1 -27.130 dBm							
-40 dBm				uluu.			hun d	dhaattaada milkala qaaatta da
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-60 dBm								
-70 dBm								
-80 dBm								
27.0 GHz			30000 pt	ts	30	0.0 MHz/		30.0 GHz



Plot 30 GHz to 33 GHz:

MultiView	Spectrum								
RefLevel 16 Att	35 dB SWT	t 2.40 dB • RBV 30 ms • VBV	♥ 100 kHz ♥ 300 kHz Mo	de Auto Sweep					
1 Frequency S	weep								●1Pk View
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	H1 -27.130 dBm								
-40 dBm									
Holedal Hold Ala Ala Ala Petitis presidenti antificia anti	an (an an) an taine an	prostala. Metabase prostanti		ns and an a full best of the	hilliten hordonet, gig	hile and a summer of a	han an a		nontones Andréssian policies
-60 dBm	anna i chain	¹⁹⁴ - Alis Anglis Anglis an	an an a dh anna a anna da	and other all of the second on a		ling (section) is not a section of the data line	filmingeligeitettettet	l province and the province of the second proves of An and the first of the province of the second proves of t	ingelikeligen og et er det joer tier tier tier tier
-70 dBm									
-80 dBm									
30.0 GHz	1		30000 pt	S	30	0.0 MHz/	1	1	33.0 GHz

Plot 33 GHz to 36 GHz:

MultiView									
Att	5.12 dBm Offset 35 dB SWT		₩ 100 kHz ₩ 300 kHz Mo	de Auto Sweep					
l Frequency S	Sweep								●1Pk View
10 dBm									
) dBm									
10 dBm									
20 dBm									
-30 dBm	H1 -27.130 dBm								
40 dBm									
Legist,	an ta	et del de la fer <mark>di angun du angunan.</mark> Minimi kalar kana dan mananan	and spinor by static to a second s	hadalad dah biyopiyi sadat Pada du	and and the last of a factor of the	and the state of t	a de la constante de la consta La constante de la constante de	dela metro di parte dela serie Provincia dela constato dela	n providente de parte d'an francés Anna de la companya d
50 d Brithelle de redecheden alle				Committee and talk of	A CONTRACTOR OF A CONTRACTOR				
-60 dBm									
70 dBm									
80 dBm									
33.0 GHz	I		30000 pt	t s	30	0.0 MHz/	1	1	36.0 GH



Plot 36 GHz to 39 GHz:

MultiView											
RefLevel 16		t 2.40 dB • RBV 30 ms • VBV		de Auto Sweep							
Att 1 Frequency S	weep	001110 - 101							●1Pk View		
10 dBm											
0 dBm											
-10 dBm											
-20 dBm											
-30 dBm	-H1 -27.130 dBm										
-40 dBm	kultur va kultur va va tarata kur va ku	surallation of a second	ind Adultative		en de landes franklinn se del det se ke	la chail fan dataita in a taga ta	alliting and an elementation of the local	alkonori organizati	(any technology and a horal a h		
-50 dBm	abbielesis ette piece of the	and the second secon	and the first of the state of t	ning - sheels hit if the state of a state of	and the state of the	nan distilipenti fination distilipent	Industry provide the second second second	Paralla and a state of the stat	Conference of the particular production of the particular sector of the particular parti		
-60 dBm			and the second								
-70 dBm											
-80 dBm											
36.0 GHz	1	l	30000 pt	.s	30	0.0 MHz/	I	1	39.0 GHz		

Plot 39 GHz to 40 GHz:

MultiView 🗄 Spectrum										
RefLevel 16 Att	.12 dBm Offse 35 dB SWT	t 2.40 dB • RB 30 ms • VB		de Auto Sweep						
1 Frequency S		30 113 0 404	1 300 KHZ 1410						●1Pk View	
10 dBm										
0 dBm										
-10 dBm										
-20 dBm										
-30 dBm	H1 -27.130 dBm									
-40 dBm										
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-50 dBm	and the second	landanış derişdir. İstilanış derişdir.	and a start of the	endinini prosta olinio,	stration polisity to according to	and the second sec	li Maladorský Bolský pilovatel Jerodory od Bilougy pilovatelovate	ni na mpilika filmi da pina kan malikala sekata ka pina manina	, hann san an a	
-60 dBm										
-70 dBm										
-80 dBm										
39.0 GHz	1		30000 pt	S	10	0.0 MHz/	1	1	40.0 GHz	



Section 15.247 Subclause (d) / RSS-210 A8.5. Band-edge emissions compliance (Transmitter)

SPECIFICATION

Emissions outside the frequency band in which the intentional radiator is operating shall be at least 20dB below the highest level of the desired power. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB instead of 20 dB.

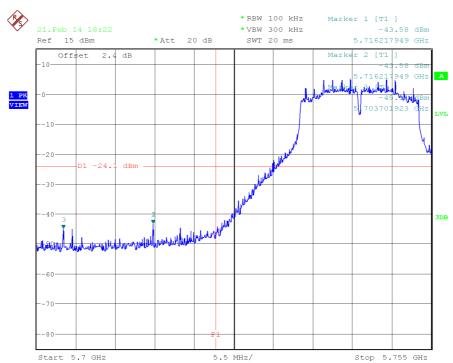
RESULTS:

1. WiFi 5GHz 802.11 a mode

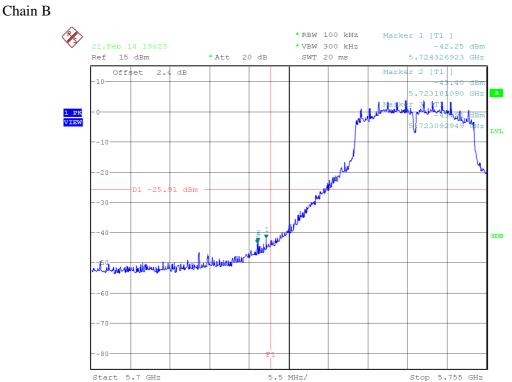
LOW FREQUENCY SECTION 5745 MHz. CONDUCTED.

See next plots.

Chain A



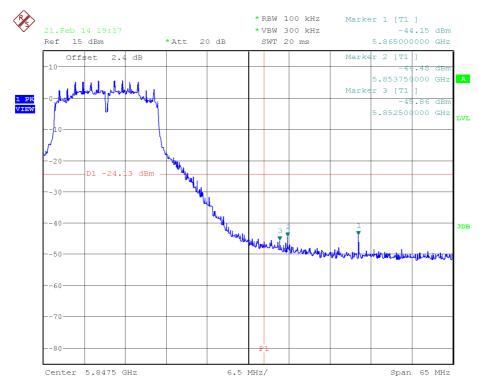




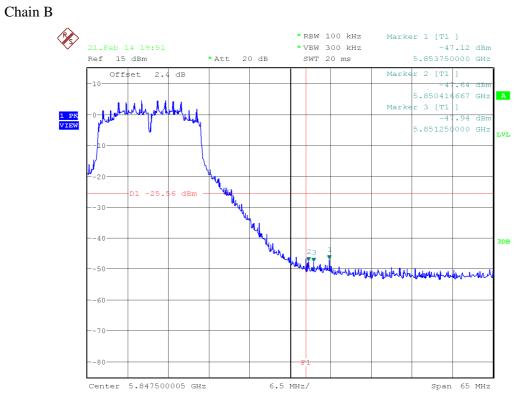
HIGH FREQUENCY SECTION 5825 MHz. CONDUCTED.

See next plots.

Chain A







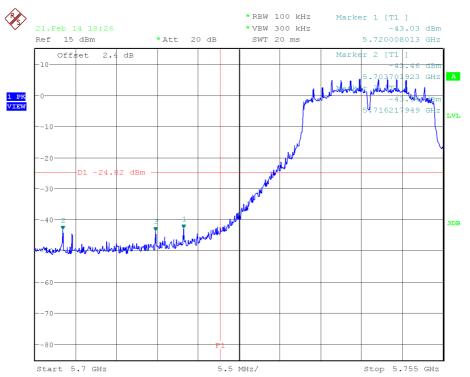


2. WiFi 5GHz 802.11 n20 mode

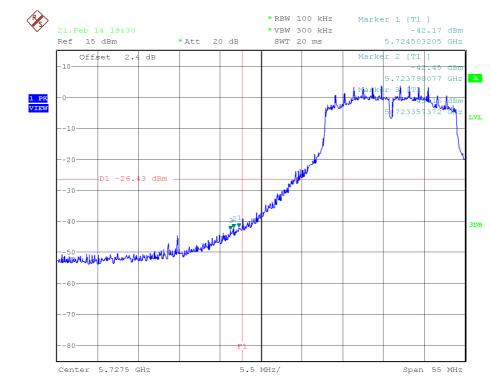
LOW FREQUENCY SECTION 5745 MHz. CONDUCTED.

See next plots.

Chain A



Chain B

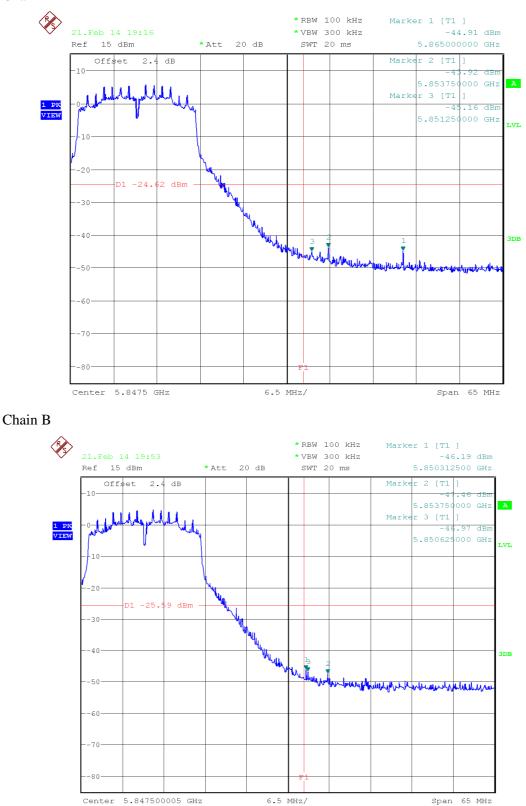




HIGH FREQUENCY SECTION 5825 MHz. CONDUCTED.

See next plots.

Chain A

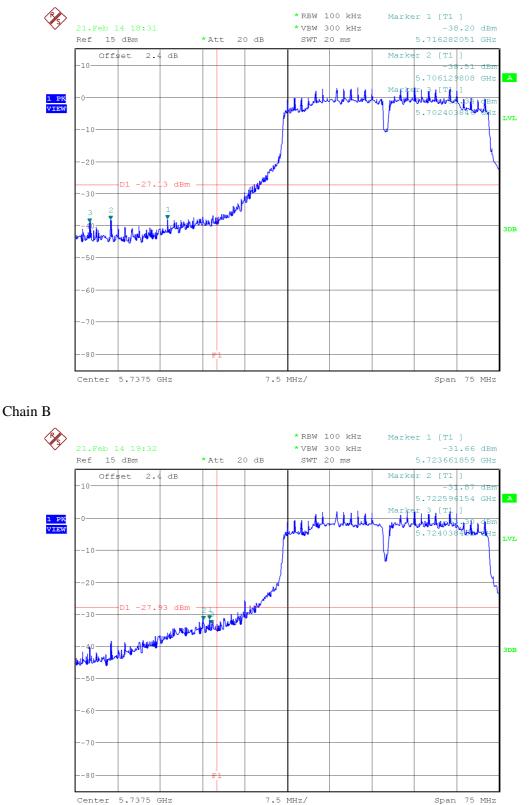




LOW FREQUENCY SECTION 5755 MHz. CONDUCTED.

See next plots.

Chain A

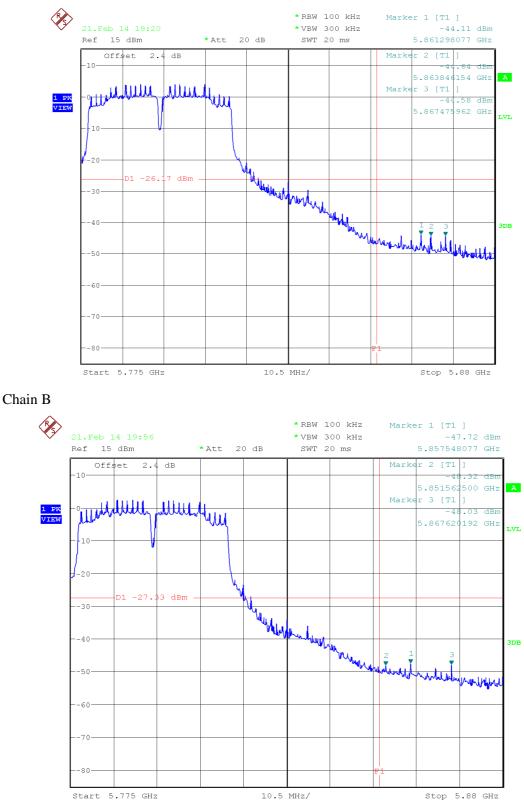




HIGH FREQUENCY SECTION 5795 MHz. CONDUCTED.

See next plots.

Chain A



Verdict: PASS



4. WiFi 5GHz 802.11 ac80 mode

LOW FREQUENCY SECTION 5755 MHz. CONDUCTED.

See next plots.

Chain A

Ref Level 10		t 2.40 dB • RB	W 100 LH-						
Att	35 dB SWT			ode Auto Sweep					
1 Frequency S	weep							M2[1]	 1Pk View -26.65 dBm
									5.7221160 GHz
0 dBm				1.11				M1[1]	-26.35 dBm
			deres and the first	and the second state of th	enselagelagelogelogelogysegigellevi	anterine production	aninyalaning second and a selan ing banda	eleptic stantin hither has	5.7108970 GHz
-10 dBm			Antroda de Andreada	and the second se		L U		* **	in addit that the sus side that the
						N N			
-20 dBm	H1 -18.880 dBm								
Mi Antonio Mi	M3 M2		Jul .						1
	<u> Herena in Alexandre Alexandre Alexandre</u>	eliter and a second							+
-40 dBm									+
-50 dBm									
-60 dBm									+
-70 dBm									+
-80 dBm									+
		vi vi							
5.7 GHz	1		 8000 p	ts	1	1.5 MHz/			5.815 GHz
2 Marker Tabl	е				-	· ···-,			
Type Ref	f Trc	X-Value		Y-Value	Fun	ction	Fu	nction Result	
M1 M2		5.710897 G 5.722116 G		26.35 dBm 26.65 dBm					
M3		5.714727 G		27.18 dBm					

Chain B

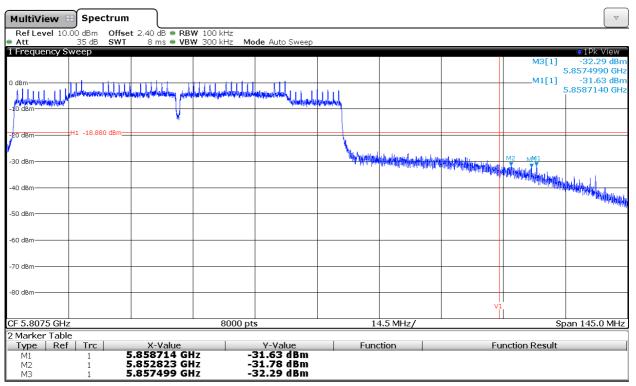
MultiView									
RefLevel 10 Att	D.00 dBm Offse 35 dB SWT	t 2.40 dB RBV 8 ms VBV		de Auto Sweep					
1 Frequency S		0 1113 - 00	1 300 KHZ 1410	de Adto Sweep					●1Pk View
								M3[1]	-26.61 dBm
									5.7147270 GHz -26.16 dBm
0 dBm							11	M1[1]	5.7190190 GHz
			alar har har har har har har har har har h	Bis and the particular where the she had	hally have been been been and the second	an a	erlaulus herson herlandly lovele	A MARTING AND	and all and a start
-10 dBm			and the state for state	ur y				101	Allender ich Briderich und
						n n			
-20 dBm	H1 -19.550 dBm								
	M3 M1		1						N N
And the second state of th	M3 M1	henderend die sons de die andere des die de die die die die die die die die	n'						X
Must a marter	and the second	and the product of							
-40 dBm									
10 dbiii									
-50 dBm									
-50 UBIII									
-60 dBm									
-70 dBm									
-80 dBm	+								
		vi 🗸							
5.7 GHz			8000 pt	<u> </u>	11	1.5 MHz/			5.815 GHz
2 Marker Tab			3000 pt	3	L .				5,013 012
Type Re		X-Value		Y-Value	- Fund	tion	Fu	nction Result	
M1	1 5	5.719019 GH	z -2	26.16 dBm					
M2		5.718695 GH 5.714727 GH	IZ -	27.94 dBm 26.61 dBm					
MЗ	1	0./14/2/ GF	12 -4	20.01 abm					



HIGH FREQUENCY SECTION 5775 MHz. CONDUCTED.

See next plots.

Chain A



Chain B

MultiView	B) Spectrum									
Ref Level 10. Att	.00 dBm Offset 35 dB SWT	t 2.40 dB • RBV 8 ms • VBV		de Auto Sweep						
1 Frequency S		0 IIIS 🖶 VB1	1 300 KHZ 1410	de Auto Sweep						●1Pk View
									M2[1]	-33.21 dBm
									M1[1]	5.8545990 GHz -32.56 dBm
0 dBm										5.8587140 GHz
A WILL BURNER WIND	tan munikan kanala da kanala d	organismum article Month	ligt anti-align approximation and a starting	Manager and Man	a and a line					
-10 dBm				diah balinar	o Hosovili					
		۳.								
-20 dBm	H1 -19.550 dBm									
1										
-30 dBm						Hereitel	aldena aldena alden hande bekel	A Charles In the second second	M2 M811	
						. mitalitar	n de seditivent al de la seditivente a	and the second	hiting and a second	
-40 dBm								1	A STATE OF THE OWNER	
										a manager and the state
-50 dBm										and antipolity
-60 dBm										
-00 0811										
-70 dBm										
-80 dBm										
								vi	1	
CF 5.8075 GHz	 Z		8000 pts	5 5		14	1.5 MHz/		S	pan 145.0 MHz
2 Marker Table										
Type Ref	Trc	X-Value		Y-Value		Fund	tion	Fu	inction Result	
M1		.858714 GH	IZ -3	32.56 dBm						
M2 M3		.854599 GH .857499 GH	IZ -3 IZ -3	33.21 dBm 32.73 dBm						
1.10			-							

Verdict: PASS (NOTE: The limit is set to -20 dBc since the maximum peak conducted output power was measured for this mode.)



Section 15.247 Subclause (e) / RSS-210 A8.5. Power spectral density

SPECIFICATION

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

RESULTS

The maximum power spectral density level in the fundamental emission was measured using the method of trace averaging with EUT transmitting at full power throughout each sweep according to point 10.3. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v03r01 dated 09/04/2013. This method was used for 802.11a, 802.11n20 and 802.11n40 modes.

For 802.11ac80 mode the PKPSD (peak PSD) method was used since the maximum peak conducted output power was measured for this mode.

For MIMO mode, the *Measure and add 10 log(NANT) dB*, (where *NANT* is the number of outputs) technique was used according to the Guidance for Emission Testing of Transmitters with Multiple Outputs in the Same Band 662911 D01 Multiple Transmitter Output v02r01 dated 10/31/2013. With this technique, spectrum measurements are performed at each output of the device, and the quantity $10 \log(NANT)$ dB is added to each spectrum value before comparing to the emission limit. Number of outputs = 2.

1. WiFi 5GHz 802.11 a mode

Power spectral density (See next plots of worst case = highest level).

	Lowest f	requency	Middle f	Middle frequency		Highest frequency	
	5745 MHz		5785 MHz		5825 MHz		
	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B	
Power spectral density (dBm)	-3.940	-4.630	-3.899	-3.725	-4.257	-4.075	
Measurement uncertainty (dB)		±1.5					



2. WiFi 5GHz 802.11 n20 mode

Power spectral density (See next plots of worst case = highest level).

	Lowest frequency 5745 MHz		Middle frequency		Highest frequency	
			5785	MHz	5825 MHz	
	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
Power spectral density (dBm)	-5.059	-5.659	-3.974	-4.989	-4.627	-4.524
Measurement uncertainty (dB)	±1.5					

MIMO	Lowest frequency 5745 MHz Chain A+B		Middle frequency 5785 MHz		Highest frequency 5825 MHz	
			Chain A+B		Chain A+B	
	Port A	Port B	Port A	Port B	Port A	Port B
Power spectral density (dBm)	-7.140	-7.367	-6.669	-7.185	-6.613	-6.482
Power spectral density (dBm) + 10*Log(2)	-4.29	-4.98	-3.00	-3.11	-3.33	-3.99
Measurement uncertainty (dB)	±1.5					

Verdict: PASS

<u>3. WiFi 5GHz 802.11 n40 mode</u>

Power spectral density (See next plots of worst case = highest level).

	Lowest frequency		Highest frequency		
	5755	MHz	5795 MHz		
	Chain A	Chain B	Chain A	Chain B	
Power spectral density (dBm)	-6.887	-6.644	-6.531	-6.604	
Measurement uncertainty (dB)	±1.5				



MIMO		t frequency 55 MHz	Highest frequency 5795 MHz		
	Chain A+B		Chain A+B		
	Port A	Port B	Port A	Port B	
Power spectral density (dBm)	-5.868	-5.464	-5.602	-5.848	
Power spectral density (dBm) + 10*Log(2)	-2.86	-2.45	-2.59	-2.84	
Measurement uncertainty (dB)	±1.5				

Verdict: PASS

4. WiFi 5GHz 802.11 ac80 mode

Power spectral density (See next plots of worst case = highest level).

	Middle f	requency		
SISO	5775 MHz			
	Chain A	Chain B		
Power spectral density (dBm)	0.54	0.79		
Measurement uncertainty (dB)	B) ±1.2			

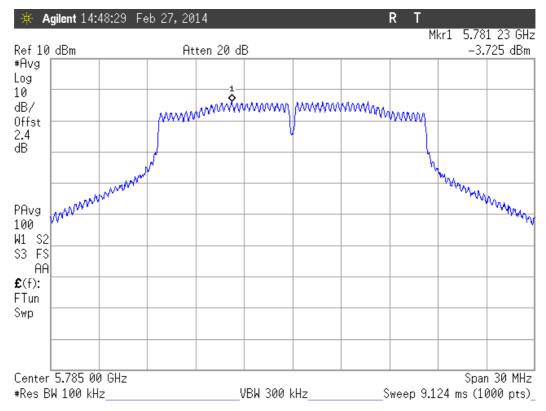
MIMO	Lowest frequency 5755 MHz				
	Chain A+B				
	Port A	Port B			
Power spectral density (dBm)	1.24	1.55			
Power spectral density (dBm) + 10*Log(2)	4.25	4.56			
Measurement uncertainty (dB)	±1.2				

Verdict: PASS (NOTE: the PKPSD (peak PSD) method was used since the maximum peak conducted output power was measured for this mode).

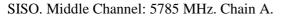


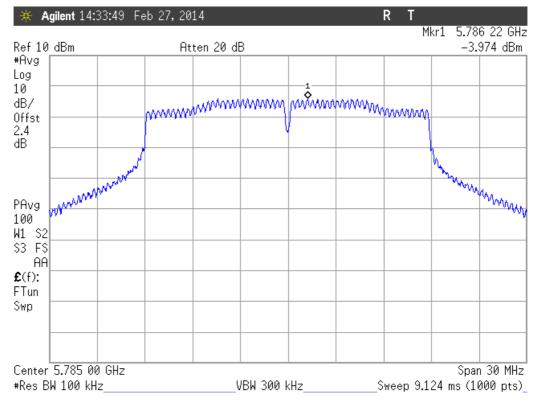
1. WiFi 5GHz 802.11 a mode

Middle Channel: 5785 MHz. Chain B.

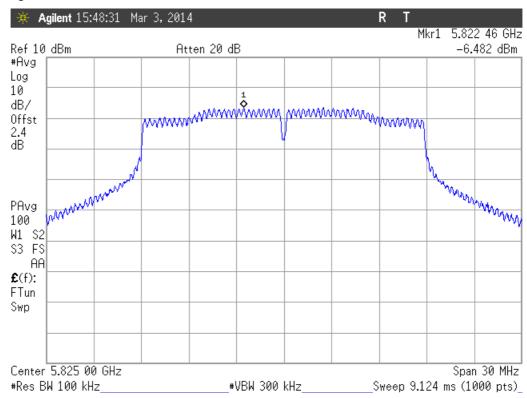


2. WiFi 5GHz 802.11 n20 mode



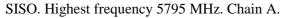


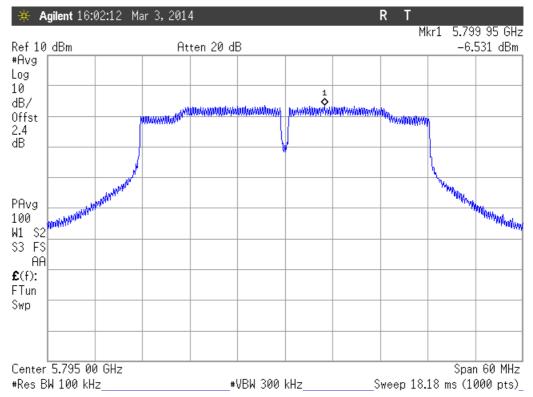




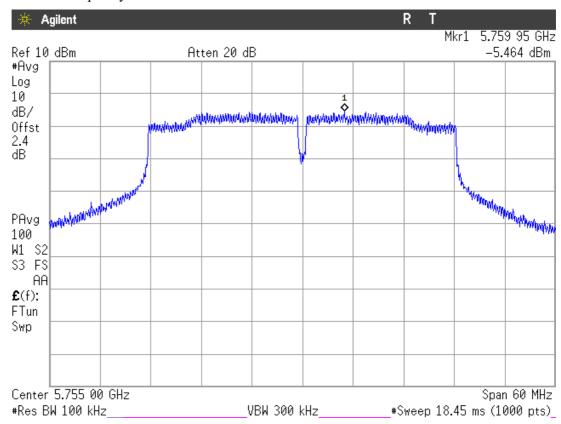
MIMO. Highest Channel: 5825 MHz. Chain A+B. Port B.

3. WiFi 5GHz 802.11 n40 mode









MIMO. Lowest frequency 5755 MHz. Chain A+B. Port B.

4. WiFi 5GHz 802.11 ac80 mode

SISO. Mildule fre	quency 5775 w	IIIZ. Chan	I D .					
MultiView 😁 Spect	trum							
	Offset 2.40 dB • RBV SWT 8 ms • VBV	№ 100 kHz № 300 kHz Mo	do Auto Swoon					
1 Frequency Sweep		1 300 KHZ 110	de Adto Sweep					●1Pk View
10 dBm							M1[1]	0.79 dBm 5.7699690 GHz I
0 dBm			M1					
U dBm	July al meridia la sur la distante	harristan and an and an and	hand have been had being	panahadaahaahadhahaan	and with palaring manager a provi	hall when the standard and		
-10 dBm	ha aharanga san nan anga nginginga dini anga					. Life all official designations	MUNYIYAN	
-20 dBm			ł					
-20 uBm							N.	
							"miniful aligned	(manager af an
-40 dBm								
-50 dBm								
-60 dBm								
-70 dBm								
-80 dBm								
CF 5.775 GHz		8000 pts	i	11	.29 MHz/		Sr	an 112.9 MHz



MultiView	B) Spectrum								
RefLevel 15 Att	.00 dBm Offse 35 dB SWT		♥ 100 kHz ♥ 300 kHz Mo	de Auto Sweep					
1 Frequency S	weep							M1[1]	1Pk View 1.55 dBm
10 dBm									5.7699690 GHz
0 dBm				M1					
	(HARNER)	Waldon and the and water	nte Witcheren and Marking by the later	andala milandin walio alama	parculululululululululululululul	nidan dahada karangan daharan d	whether whether the states of	Halandar	
-10 dBm							,		
-20 dBm	Performance							Mananan	William Maring the Andrews
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
-80 dBm									
CF 5.775 GHz			8000 pts	;	11	.29 MHz/		Sp	oan 112.9 MHz

MIMO. Middle frequency 5775 MHz. Chain A+B. Port B.



Section 15.247 Subclause (d) / RSS-210 A8.5. Emission limitations radiated (Transmitter)

SPECIFICATION

Frequency Range (MHz)	Field strength ($\mu V/m$)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	300
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 40000	500	54	3

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

RESULTS:

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-1000 MHz and at distance of 1 m for the frequency range 1 GHz-40 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.



Frequency range 30 MHz-1000 MHz.

The spurious signals detected do not depend on either the operating channel or the modulation mode.

See test results in Appendix A for details.

Frequency range 1 GHz-40 GHz.

For the 4 OFDM modulation modes (802.11a, 802.11n20, 802.11n40 and 802.11ac80), a preliminary measurement in the central channel was performed in the range 1-18 GHz to determine the worst case. The lowest and highest channels were measured for out-of-band emissions for the worst case (802.11n20).

Spurious signals with peak levels above the average limit (54 $dB\mu V/m$ at 3 m) are measured with average detector for checking compliance with the average limit.

1. WiFi 5GHz 802.11 a mode

Middle frequency 5785 MHz.

Chain A

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.5700	PV	Peak	52.26	± 4.00
		Peak	66.33	± 4.00
17.3583	PV	Average	53.76	± 4.00
23.1395	PV	Peak	52.36	± 4.00

Chain B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
		Peak	56.54	± 4.00
11.5678	PV	Average	45.88	± 4.00
		Peak	63.96	± 4.00
17.3550	PV	Average	52.28	± 4.00
23.1405	PV	Peak	51.26	± 4.00



2. WiFi 5GHz 802.11 n20 mode

Lowest frequency 5745 MHz.

Chain A

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.4899	PV	Peak	49.82	± 4.00
		Peak	64.41	± 4.00
17.2343	PV	Average	52.73	± 4.00
		Peak	54.36	± 4.00
22.9795	PV	Average	49.04	± 4.00

Chain B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
		Peak	57.13	± 4.00
11.4900	PV	Average	46.35	± 4.00
		Peak	63.13	± 4.00
17.2341	PV	Average	51.09	± 4.00
22.9795	PV	Peak	53.53	± 4.00

Chain A+B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
		Peak	55.88	± 4.00
11.4906	PV	Average	43.79	± 4.00
		Peak	63.26	± 4.00
17.2391	PV	Average	48.23	± 4.00
22.9805	PV	Peak	52.67	± 4.00



Middle frequency 5785 MHz.

Chain A

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.5714	PV	Peak	51.82	± 4.00
15.0504	DV	Peak	66.47	± 4.00
17.3524	PV	Average	53.84	± 4.00
23.1395	PV	Peak	53.11	± 4.00

Chain B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
		Peak	57.32	± 4.00
11.5701	PV	Average	45.96	± 4.00
		Peak	65.05	± 4.00
17.3558	PV	Average	52.30	± 4.00
23.1405	PV	Peak	51.59	± 4.00

Chain A+B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.5692	PV	Peak	53.70	± 4.00
17.3509	PV	Peak	65.01	± 4.00
		Average	49.36	± 4.00
23.1405	PV	Peak	52.31	± 4.00

Highest frequency 5825 MHz.

Chain A

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
17.4768	PV	Peak	65.33	± 4.00
		Average	53.74	± 4.00
23.3005	PV	Peak	51.12	± 4.00



Chain B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11,6500	PV	Peak	55.96	± 4.00
11.6509	PV	Average	46.34	± 4.00
17.4754	PV	Peak	52.81	± 4.00
23.3005	PV	Peak	51.65	± 4.00

Chain A+B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.6496	PV	Peak	53.07	± 4.00
17 10705	DV	Peak	63.71	± 4.00
17.48785	PV	Average	51.11	± 4.00
23.3005	PV	Peak	52.18	± 4.00

<u>3. WiFi 5GHz 802.11 n40 mode</u>

Highest frequency 5795 MHz.

Chain A

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
17.3792	PV	Peak	62.66 51.99	± 4.00 ± 4.00
23.1795	PV	Peak	52.59	± 4.00 ± 4.00

Chain B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.5001	PV	Peak	56.09	± 4.00
11.5891		Average	44.29	± 4.00
		Peak	60.27	± 4.00
17.3778	PV	Average	48.84	± 4.00
23.1795	PV	Peak	52.18	± 4.00



Chain A+B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
11.5863	PV	Peak	53.34	± 4.00
		Peak	63.54	± 4.00
17.3778	PV	Average	52.78	± 4.00
23.1795	PV	Peak	52.76	± 4.00

4. WiFi 5GHz 802.11 ac80 mode

Middle frequency 5775 MHz

Chain A

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
17.3723	PV	Peak	62.54	± 4.00
17.3723	ΓV	Average	± 4.00	
		Peak 54.12		± 4.00
23.0995	PV	Average	47.16	± 4.00

Chain B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)	
		Peak	54.2	± 4.00	
11.5506	PV	$(dB\mu V/m)$ UncertainPeak 54.2 ± 4.0 Average 42.26 ± 4.0 Peak 62.58 ± 4.0 Average 49.78 ± 4.0			
		Peak	62.58	± 4.00	
17.3723	PV	Average	49.78	± 4.00	
23.0995	PV	Peak	52.73	± 4.00	

Chain A+B

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)	
		Peak	54.31	± 4.00	
11.5203	PV	Average	41.74	± 4.00	
		Peak	61.88	± 4.00	
17.3132	PV	(dB μ V/m)UncertaintyPeak54.31 ± 4.00 Average41.74 ± 4.00			
		Peak	56.12	± 4.00	
23.0995	PV	Average	49.54	± 4.00	



FREQUENCY RANGE 1 GHz to 7 GHz.

1. WiFi 5GHz 802.11 a mode

Middle Channel: 5785 MHz. Chain A

MultiView	Spectrum								
Ref Level 80.00 Att TDF	0 dBµV/m 0 dB ● SW	• RBW : 7T 1 s • VBW :	LMHZ LMHZ Mode A	uto Sweep					
1 Frequency Sv	veep							●1Pk View (∋2Av ViewLin
	H2 74.000 d	dBμV/m							
70 dBµV/m									
60 dBµV/m									
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	H1 54.000 dBμV/m					المحرج الإذائل والانتجار الأوالات المرادي	فالمتعلقا أعليهم ومرجع		
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			يناد الميدينين الموسد ورداد	a contraction of the second					
SO UBUV/m									
-56 dBpv/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
1.0 GHz			8000 pt	S	60	0.0 MHz/			7.0 GHz

Note: The peak above the limit is the carrier frequency.

Middle Channel: 5785 MHz. Chain B

MultiView									
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB ● S ¥	● RBW 1 /T 1 s ● VBW 1	MHz MHz Mode A	uto Sweep					
1 Frequency S	weep							●1Pk View	∋2Av ViewLin
		dBµV/m							
70 dBµV/m									
60 dBµV/m									
	H1 54.000 dBµV/m-								
50 dBµV/m	HI 34.000 08pV/m				Louis and a strength of the				
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38 aBpV/m		and the second se							
20 dBµV/m									
10 dBµV/m									
10 UBDV/III-									
0 dBµV/m									
-10 dBµV/m									
1.0.011			0000						
1.0 GHz			8000 pts	S	60	0.0 MHz/			7.0 GHz



2. WiFi 5GHz 802.11 n20 mode

MultiView 8	Spectrum								
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB = SV	● RBW : WT 1s ● VBW :	LMHZ LMHZ Mode A	uto Sweep					
1 Frequency Sv	weep							●1Pk View	∋2Av ViewLin
70 dBµV/m	H2 74.000	dBµV/m					i		
60 dBµV/m	H1 54.000 dBµV/m								n free her inter inter in the state of the s
50 dBµV/m		and the state of the	and the balance of the balance of		للماللة بالمعالمية المالية المكاركيني		allen sin sin sin sin sin sin sin sin sin si		
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20 dBµV/m									
10 dBµV/m									
0 dBμV/m									
-10 dBµV/m									
1.0 GHz			8000 pts	<u> </u>	60	0.0 MHz/		I	7.0 GHz

Lowest Channel: 5745 MHz. Chain A

Note: The peak above the limit is the carrier frequency.

Lowest Channel: 5745 MHz. Chain B

MultiView									
Ref Level 80.0 Att TDF	00 dBµV/m 0 dB ● SWT	● RBW 1 1 s ● VBW 1	. MHz MHz Mode A	uto Sweep					
1 Frequency S	weep							●1Pk View (∋2Av ViewLin
	H2 74.000 dB	JV/m							
70 dBµV/m									
60 dBµV/m									واقتا والمتعار أحاط الماحد فس
	H1 54.000 dBµV/m								
50 dBµV/m					فاقتبعا ويستقطع أواريا ويترو		Interest and the sector	And the second states of the s	
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10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
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1.0 GHz			8000 pts	<u> </u>	60	0.0 MHz/			7.0 GHz
1.0 012			0000 pt	3	00		Manageria		20.02.2014



Lowest Channel: 5745 MHz. Chain A+B

MultiView 88		$\left(\right)$						
Ref Level 80.00 Att TDF)dBµV/m 0dB ● SWT 1 s	 RBW 1 MHz VBW 1 MHz Mode Au 	uto Sweep					
1 Frequency Sw	/eep						1Pk View	©2Av ViewLin
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70 dBµV/m								
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			and the state of the second					
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20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
1.0 GHz		8000 pts	5	60	0.0 MHz/			7.0 GHz

Note: The peak above the limit is the carrier frequency.

Middle Channel: 5785 MHz. Chain A

MultiView	88 Spectrum								
Ref Level 80 Att TDF	0 dBμV/m 0 dB = SV	● RBW VT 1 s ● VBW	1 MHz 1 MHz Mode A	luto Sweep					
Frequency	Sweep							1Pk View	∋2Av ViewLin
	H2 74.000	dBµV/m───							
70 dBµV/m									
0 dBµV/m									وأشرار المراجع المحفظ المراجع والمراجع
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LO GHz			8000 pt	S	60	0.0 MHz/			7.0 GH



Middle Channel: 5785 MHz. Chain B

MultiView									
Ref Level 80.0 Att TDF	00 dBµV/m 0 dB ● S ¥	● RBW : VT 1 s ● VBW :	LMHZ LMHZ Mode A	uto Sweep					
1 Frequency S	weep							1Pk View	∋2Av ViewLin
	H2 74.000	dBµV/m							
70 dBµV/m									
60 dBµV/m									
	H1 54.000 dBµV/m-							and the second state of the second state	
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20 dBµV/m									
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o appyrin									
-10 dBµV/m									
1.0 GHz			8000 pts	5	60	0.0 MHz/	1	1	7.0 GHz

Note: The peak above the limit is the carrier frequency.

Middle Channel: 5785 MHz. Chain A+B

MultiView	B) Spectrum							
Ref Level 80.1 Att TDF	0 dBµV/m 0 dB ● SW	● RBW /T 1 s ● VBW	1 MHz 1 MHz Mode A	Auto Sweep				
l Frequency S	weep							∋2Av ViewLin
	H2 74.000 0	dBµV/m						
70 dBµV/m								
50 dBµV/m								
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1.0 GHz			8000 pt		 0.0 MHz/			7.0 GH



Highest Channel: 5825 MHz. Chain A

MultiView	B Spectrum	J							\bigtriangledown
Ref Level 80.0 Att TDF	00 dBµV/m 0 dB ● SWT 1 s	• RBW 1 N • VBW 1 N	MHZ MHZ Mode Au	uto Sweep					
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60 dBµV/m								r	. Januar Baak
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20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
1.0 GHz			8000 pts	6	60	0.0 MHz/			7.0 GHz
									20.02.2014

Note: The peak above the limit is the carrier frequency.

Highest Channel: 5825 MHz. Chain B

MultiView 😐	Spectrum							
Ref Level 80.00 Att TDF	idBµV/m 0 dB ● SWT 1 s ●	RBW 1 MHz VBW 1 MHz Mode A	Auto Sweep					
Frequency Sw	еер						●1Pk View	∋2Av ViewLin
	——H2 74.000 dBµV/m—							
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			and a date of		No. of Concession, Name of Concession, Name		Lange and	
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	and the second		and the state of t					
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I dBµV/m								
10 dBµV/m								
L.0 GHz		8000 pt			0.0 MHz/			7.0 GH



Highest Channel: 5825 MHz. Chain A+B

MultiView 8								\bigtriangledown
Ref Level 80.0 Att TDF)0 dBµV/m 0 dB ● SWT	● RBW 1 1 s ● VBW 1	MHz MHz Mode Au	uto Sweep				
1 Frequency Sv	weep						●1Pk View	⊜2Av ViewLin
	——Н2 74.000 dBµ'	V/m						
70 dBµV/m								
60 dBµV/m								to a state of balls of stiller by
	H1 54.000 dBµV/m						and the state of t	
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40 dBµV/m	hallwithing the filling all the						 -	
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0 dBµV/m								
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approx								
1.0 GHz			8000 pts	6	60	0.0 MHz/		7.0 GHz

Note: The peak above the limit is the carrier frequency.

3. WiFi 5GHz 802.11 n40 mode

Highest Channel: 5795 MHz. Chain A

MultiView	🕄 Spectrum								
Ref Level 80. Att TDF	.00 dBµV/m 0 dB = SW	● RBW /T 1 s ● VBW	1 MHz 1 MHz Mode A	uto Sweep					
1 Frequency S	Sweep							●1Pk View	∋2Av ViewLin
	H2 74.000 (dBµV/m							
70 dBµV/m									
60 dBµV/m									
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-10 dBµV/m									
1.0 GHz			8000 pt	s	60	0.0 MHz/		•	7.0 GHz



Highest Channel: 5795 MHz. Chain B

	Spectrum								
Ref Level 80.1 Att TDF	0 dBµV/m 0 dB ● S ¥	● RBW 1 VT 1 s ● VBW 1	LMHZ LMHZ Mode A	uto Sweep					
1 Frequency S	weep							1Pk View	⊜2Av ViewLin
	H2 74.000	dBµV/m							
70 dBµV/m									
60 dBµV/m									المرابع والمراجع والمراجع
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40 UBpV/III				and the second second	and the second				
		and the second							
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1.0 GHz			8000 pts	S	60	0.0 MHz/	I		7.0 GHz

Note: The peak above the limit is the carrier frequency.

Highest Channel: 5795 MHz. Chain A+B

MultiView	88) Spectrum								
Ref Level 80 Att TDF	0 dBµV/m 0 dB ● SV	● RBW VT 1s ● VBW	1 MHz 1 MHz Mode A	uto Sweep					
1 Frequency	Sweep							●1Pk View	∋2Av ViewLin
70 dBµV/m	-H1 74.000 dBµV/m-								
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60 dBµV/m									in the second later of plant descriptions with
50 dBµV/m	H2 54.000		1		And the second second second	in the state of the	pine drift will also a		
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HO GODVYIII									
SU dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
1.0 GHz	l		8000 pt	S	60	0.0 MHz/	1	1	7.0 GHz



4. WiFi 5GHz 802.11 ac80 mode

Middle Channel: 5775 MHz. Chain A

MultiView 8	Spectrum								\bigtriangledown
Ref Level 80.0 Att TDF	00 dBµV/m 0 dB ● S¥	● RBW : WT 1s ● VBW :		uto Sweep					
1 Frequency Sy	weep							●1Pk View	∋2Av ViewLin
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	H2 74.000	dBµV/m							
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		and the second sec		and the second design of the s					
зо dBµV/m									
20 dBµV/m									
10 dBµV/m									
0.40.11/2									
0 dBµV/m									
-10 dBµV/m									
1.0 GHz			8000 pts	5	60	0.0 MHz/		•	7.0 GHz

Note: The peak above the limit is the carrier frequency.

MultiView 😁	Spectrum	l							
Ref Level 80.00 Att DF	0 dBµV/m 0 dB ● SWT 1	● RBW 11 s ● VBW 11	MHZ MHZ Mode A	uto Sweep					
Frequency Sw	/eep							●1Pk View	⊖2Av ViewLin
								1	
	H2 74.000 dBµV/r	m							
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	11 54.000 dBµV/m				أنشداء بنبين معرفين والمتعاد		N Billion and the second state	- North Andrews	
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	and the second designment of the second design								
u dBµV/m									
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o abpv/m									
dBµV/m									
LO dBµV/m									
.0 GHz	1		8000 pts	6	60	0.0 MHz/		1	7.0 GH



MultiView									
Ref Level 80 Att TDF	0.00 dBµV/m 0 dB ● S¥	● RBW VT 1 s ● VBW	1 MHz 1 MHz Mode A	uto Sweep					
1 Frequency S	Sweep						ľ	●1Pk View	∋2Av ViewLin
70 dBµV/m	H2 74.000	dBµV/m							
60 dB 47/m							l n	N	
60 dBµV/m	-H1 54.000 dBµV/m-				te constant	a li fa dan sa da	A CONTRACTOR OF		and the second state of th
50 dBµV/m	Karan Malakis Aparata da ula mba	المتجاذ متجاد إيلام والمنصحات والمتحاد	والمواد الأرام بيروار ومراجع الأمرين والم	فالمتعادية والمعادية والمعادية والمعادية					
'40 dBµ∨/m		a 11						1	
30 dBµV/m									
20 dBµV/m									
20 dBpv/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
1.0 GHz			8000 pts	S	60	0.0 MHz/			7.0 GHz

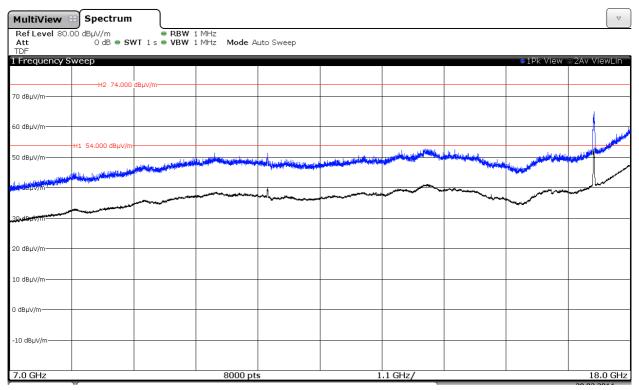
Middle Channel: 5775 MHz. Chain A+B



FREQUENCY RANGE 7 GHz to 18 GHz.

1. WiFi 5GHz 802.11 a mode

Middle Channel: 5785 MHz. Chain A



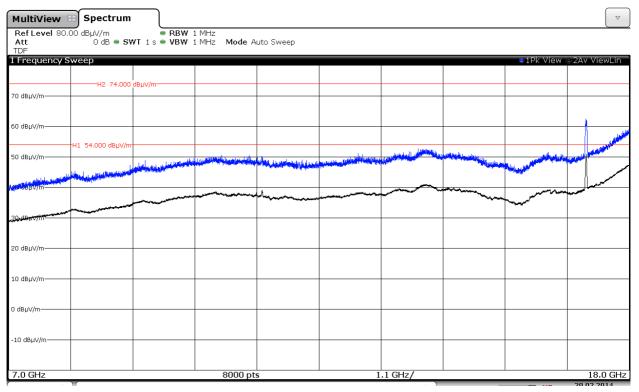
Middle Channel: 5785 MHz. Chain B

MultiView 8	Spectrum	J						
Ref Level 80.00 Att TDF	OdBµV/m OdB ● SWT 1	● RBW 1 MHz s ● VBW 1 MHz Mo	de Auto Sweep					
3 Frequency Sw	еер					NCA	N 💿 1 Pk View 🛛	∋2Av ViewLin
н:	1 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
	H2 54.000 dBµV/m							and the second second
50 dBµV/m		مارين المادينة المواجعة المواجعة المواجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراج	and the second state of the second	-	A CONTRACTOR OF CONTRACTOR	Liference in the star		
and the second states of the								a lawarene
Meronepvym						and the second s		
ARAN BOSTOM								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz		8000) pts	1	.1 GHz/			18.0 GHz



2. WiFi 5GHz 802.11 n20 mode

Lowest Channel: 5745 MHz. Chain A



Lowest Channel: 5745 MHz. Chain B

MultiView	🖽 Spectrum	l						
Ref Level 80 Att TDF	.00 dBµV/m 0 dB ● SWT 1 s	 RBW 1 MHz VBW 1 MHz Mode Au 	uto Sweep					
1 Frequency	Sweep						●1Pk View	⊜2Av ViewLin
70 dBµV/m	H2 74.000 dBµV/m-							
60 dBµV/m								
50 dBµV/m	H1 54.000 dBμV/m	and the second	a ada a ta shika a	a that a shake with the		La Britship (second second		
Grand and a state of the state	ومنوف المتعلق المتعتق والمتعرب المتعالم					- Martin Martin		
		warmen and a start and a st				and a construction of the second s		
.30vd8p37/m								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz		8000 pts	6	1	.1 GHz/			18.0 GHz



Lowest Channel: 5745 MHz. Chain A+B

MultiView 88]					
Ref Level 80.00 Att TDF	idBµV/m 0 dB ● SWT 1 s	 RBW 1 MHz VBW 1 MHz Mode Au 	uto Sweep				
1 Frequency Sw	еер					1Pk Max	⊜2Av MaxLin
70 dBµV/m	H2 74.000 dBµV/m-						
60 dBµV/m							فليعدد ا
н: 50 dBµV/m	1 54.000 dBµV/m	ىرىلىلەردە بىرىنى ئەتىرىمە بىل ^{ىرىن} ئەتىرىيە بىلىرىنى ئەتىرىمە بىلىرىنى ئەتىرىمە بىلىرىنى ئەتىرىمە بىلىرىنى ئە	and a shift all chart or an	and the second secon	A REAL PROPERTY AND A REAL	State State State State State	Annalise and the state of the s
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	and the state of t	and the second	a have a second			 - where the second second	and the second se
30,d8p*//m							
20 dBµV/m							
10 dBµV/m							
0 dBµV/m							
-10 dBµV/m							
10 00000							
7.0 GHz		8000 pts	l	1	.1 GHz/	11	18.0 GHz

Middle Channel: 5785 MHz. Chain A

MultiView	😁 Spectrum							
Ref Level 80 Att TDF	0.00 dBµV/m 0 dB ● SWT 1 s ●	RBW 1 MHz VBW 1 MHz Mode Au	uto Sweep					
1 Frequency	Sweep						●1Pk View	⊙2Av ViewLin
	H2 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
	H1 54.000 dBµV/m				tanta addition			a second descent and the second descent and t
50 dBµV/m	al militure provide the last of the base o	a an	ين المنظرية المنظرة المنطقة ال المنظرية المنظرة	an an an the state of the state			Marriel and the state of the st	
A CORPORT	and the second s		when			and a second second		
30,depv/m								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz		8000 pts	6	1	.1 GHz/	·		18.0 GHz



Middle Channel: 5785 MHz. Chain B

MultiView 8		$\left\{ \right.$						
Ref Level 80.0 Att TDF	00 dBµV/m 0 dB ● SWT 1 s	 RBW 1 MHz VBW 1 MHz Mode A 	uto Sweep					
1 Frequency S	weep						●1Pk View (∋2Av ViewLin
70 dBµV/m	———H2 74.000 dBµV/m-							
70 авµv/m								
60 dBµV/m			1					
50 dBµV/m	H1 54.000 dBμV/m	and the state of the	and the state of the	and the plant of the line of t	and the second second second second			within the second
interest to the state of the	which a fear little which the state in the s							
			-			and a second		
30,d8#0/m								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz	I	8000 pt:	s	1	.1 GHz/	1	1	18.0 GHz

Middle Channel: 5785 MHz. Chain A+B

MultiView 😣	Spectrum	7					▽)
Ref Level 80.00 Att TDF	OdBµV/m OdB ● SWT 1	■ RBW 1 MHz s ■ VBW 1 MHz Mode	e Auto Sweep				
1 Frequency Sw	veep					1Pk View (∋2Av ViewLin
70 dBµV/m	———Н2 74.000 dBµV/r	m					
70 00pv/m							
60 dBµV/m							
50 dBµV/m	11 54.000 dBµ∨/m		Antichaile Research March 1911	La disetta de la constitución de la	and the second state of the second state	and a superior	and a second second
Nacional States							
3 and the party of the state of						and a second	
20 dBµV/m							
10 dBµV/m							
0 dBµV/m							
-10 dBµV/m							
7.0 GHz		8000	pts	1.1	GHz/		18.0 GHz



MultiView								
Ref Level 80. Att TDF	.00 dBµV/m 0 dB ● SW	● RBW : T 1 s ● VBW :	LMHZ LMHZ Mode A	uto Sweep				
1 Frequency S	Sweep						●1Pk View	⊜2Av ViewLin
	H2 74.000 d	ВµV/m						
70 dBµV/m								
60 dBµV/m								
50 dBµV/m	-H1 54.000 dBµV/m-	n sa ha an	i na si	a little of the second second second second		A DESCRIPTION OF THE OWNER OWNER OF THE OWNER		Winterstated and the second
West West				and the second sec				
30-510-1-V/III				and and the second s				
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz			8000 pts	3	1	.1 GHz/		18.0 GHz

Highest Channel: 5825 MHz. Chain A

Highest Channel: 5825 MHz. Chain B

MultiView 😁	Spectrum	ך						
Ref Level 80.00 Att TDF	/) dBμV/m	• RBW 1 MHz s • VBW 1 MHz	Mode Auto Sweep					
1 Frequency Sw	еер		_				●1Pk View (∋2Av ViewLin
	——H2 74.000 dBµV/n	n						
70 dBµV/m								
60 dBµV/m	1 54.000 dBµV/m							and the second s
50 dBµV/m	an deal				Martin Children and C		يتلافيه المراخلين فليتنو المتحصيل والمناف	
n and a state of the	Month & Alexandre Lange		-			-	مىسىمەسىرىي يىسىمەسىرىي	
3Drailing=97111	Market and a state of the state						~~~	
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz			8000 pts	1	.1 GHz/			18.0 GHz



Highest Channel: 5825 MHz. Chain A+B

MultiView 😁	Spectrum	l						
Ref Level 80.00 Att TDF	dBµV/m 0 dB ● SWT 1 s	 RBW 1 MHz VBW 1 MHz Mode A 	uto Sweep					
1 Frequency Swo	еер						●1Pk View	∋2Av ViewLin
70 dBµV/m	H2 74.000 dBµV/m-							
60 dBµV/m								
50 dBµV/m	L 54.000 dBµV/m	الم وهم العراب والاستقالية والمناور المراجع المراجع	antina algerationalities in algeration	Linesting when the list states			and an a state of the state of	and a state of the
Managery/m		and the second	-	وي الجزيفة المنظم المراجع والما المراجع والما المراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع وال		and the second second		
albeitiger/minerer								
20 dBµV/m								
10 dBµV/m								
-10 dBµV/m								
7.0 GHz		8000 pts	6	1	.1 GHz/			18.0 GHz

3. WiFi 5GHz 802.11 n40 mode

Highest Channel: 5795 MHz. Chain A

MultiView 8	Spectrum							
Ref Level 80.00 Att TDF	0 dB 🖷 SWT 1 s 🖷 VBV	W 1 MHz N 1 MHz Mode A	uto Sweep					
1 Frequency Sw	veep						1Pk View	©2Av ViewLin
	H2 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
	H1 54.000 dBμV/m					luin at		Lind Harden
50 dBµV/m	and the second		and the second	historical and the state of the state			A SULLEY STATE	
the distribution of the state o								
			- Communition			and the second		- Alara
30.00000000								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
o dopvym								
-10 dBµV/m								
7.0 GHz		8000 pts		1	.1 GHz/			18.0 GHz



Highest Channel: 5795 MHz. Chain B

MultiView	Spectrum								
Ref Level 80.1 Att TDF	00 dBµV/m 0 dB ● S ¥	● RBW VT 1s ● VBW	1 MHz 1 MHz Mode A	uto Sweep					
1 Frequency S	weep							●1Pk View	∋2Av ViewLin
70 dBµV/m	H2 74.000	dBµV/m							
/0 dbpv/m									
60 dBµV/m									1
50 dBµV/m	H1 54.000 dBµV/m-	وللقر وأبر يترجى والم			and the second state of the second state of the	and the second second second second	lahlaikanna da stilla sa Antalaikanna da stilla sa		within the state
abby abby/m	a shirt an ang a sa a shirt bar an a sa a sa	والتجافية الملتحظ فاستعنائهم		A					
		and the second		and become and			a contraction of the second		
30viB90711									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
7.0 GHz			8000 pt	5	1	.1 GHz/			18.0 GHz
710 0112	1		0000 pt	3	1				20.02.2014

Highest Channel: 5795 MHz. Chain A+B

MultiView 😁	Spectrum	J				\bigtriangledown
Ref Level 80.00 Att TDF	dBµV/m OdB ●SWT 1s	RBW 1 MHz VBW 1 MHz Mode A	uto Sweep			
1 Frequency Sw	еер				●1Pk View	∋2Av ViewLin
	L 74.000 dBµV/m			 		
70 dBµV/m						
60 dBµV/m						
50 dBµV/m	H2 54.000 dBμV/m		aber Hardingson and	ter and the state of the state	and the second	
nder de provinsie de la compañía de	and the second		A	 	 	har
20xdBptym	www.weisender.com	Canal and a second s	and from an and the second			-
20 dBµV/m						
10 dBµV/m						
0 dBµV/m						
-10 dBµV/m						
7.0 GHz		8000 pts		1 GHz/		18.0 GHz



4. WiFi 5GHz 802.11 ac80 mode

Middle Channel: 5775 MHz. Chain A.

MultiView	B) Spectrum								
Ref Level 80 Att TDF	.00 dBµV/m 0 dB ● S	● RBW WT 1s ● VBW	1 MHz 1 MHz Mode A	Auto Sweep					
1 Frequency S	weep							●1Pk View	∋2Av ViewLin
	H1 74.000 dBµV/m								
70 dBµV/m									
60 dBµV/m									<u>.</u>
	H2 54.000	dBu\//m							
50 dBµV/m	112 0 11000				In the second second second second	ويفاجع فالمتعادية فالمتعاط والدر		والالال المعطويين	William March M
		الماجالة والمناجل والمحاجل				(part)		Manual and Party of the Party o	‴∧ _/
	and the state of the second second second								Λ
чо-аврV/m			مرد ما المالية المراجع من المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع الم		ومالاست المسادر		and the second s		- Andrew Contraction
		and the second states		a way and a second	and the second s			New Concerner and the second sec	
30 deserves	and the second s								
-29 vi8p10/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
7.0 GHz			8000 pt	s	1	.1 GHz/			18.0 GHz

Middle Channel: 5775 MHz. Chain B.

MultiView 88	Spectrum							▼
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB ● SWT 1 s ● VBV	NY 1 MHz NY 1 MHz Mode A	Auto Sweep					
1 Frequency Sw	veep						1Pk View (∋2Av ViewLin
	11 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								<u> </u>
	H2 54.000 dBµV/m				Bertholen Jacksteitige	- altais free .		in the last
50 dBµV/m	and a standard standa	The state of the second se	W Hatelala Lala	بالماجية المتخط المفاقل فأسرابته شهدي			A STATE AND A STAT	Δ
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าม (ปี			Λ			and the second s		
	A CONTRACTOR OF THE OWNER OF THE	and and and a second designed and a second designed and a second designed and a second designed and a second de	a Carlestan				and the second s	-
	- Contraction of the Contraction							
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
7.0 GHz		8000 pts	6	1	.1 GHz/			18.0 GHz



MultiView	B Spectrum								
Ref Level 80 Att	0.00 dBµV/m 0 dB = S	● RBW WT 1s ● VBW	1 MHz 1 MHz Mode A	Auto Sweep					
TDF 1 Frequency S	Sweep							●1Pk View	∋2Av ViewLin
70 dBµV/m	-H1 74.000 dBµV/m-								
60 dBµV/m									M
50 dBµV/m	H2 54.000	dBµV/m-		Munimum		and the second	an filman barga kana kita ana	and the second second second second	A second se
e obuv/m			and the second secon	A	and the second			and the second second second second	and have
29.480V/m									
20 dBµV/m									
10 dBµV/m									
-10 dBµV/m									
			0000						10.0 5
7.0 GHz			8000 pt	<u>s</u>	1	.1 GHz/			18.0 GH

Middle Channel: 5775 MHz. Chain A+B.



FREQUENCY RANGE 18 GHz to 26 GHz.

1. WiFi 5GHz 802.11 a mode

Middle Channel: 5785 MHz. Chain A

MultiView 😁	Spectrum	
Ref Level 80.00 Att TDF	00 dBμV/m 0 dB • SWT 1 s • VBW 1 MHz 0 dB • SWT 1 s • VBW 1 MHz Mode Auto Sweep	
1 Frequency Sw	Sweep	●1Pk View ⊚2Av ViewLin
	H2 74.000 dBµV/m-	
70 dBµV/m		
60 dBµV/m		
50 dBut//m	H1 54.000 dBµV/m	
	a se an	والمتصحيل والمالية المستنب المتلا المتعالية فليتحص والمستعلم والمتعاد والمتعاد المتعاد المتعاد المتعاد المتعاد
40 dBµV/m		
30 dBµV/m		
20 dBµV/m		
10 dBµV/m		
0 dBµV/m		
-10 dBµV/m		
18.0 GHz	8000 pts 800.0 MHz/	26.0 GHz

Middle Channel: 5785 MHz. Chain B

MultiView	B Spectrum								
Ref Level 80. Att TDF	.00 dBμV/m 0 dB = SW	● RBW T 1 s ● VBW	1 MHz 1 MHz Mode A	uto Sweep					
1 Frequency S	Sweep							1Pk View	∋2Av ViewLin
	H2 74.000 d	BuV/m							
70 dBµV/m									
60 dBµV/m									
	-H1 54.000 dBµV/m-								
50 dBµV/m		na an an tha Albertina tara tak	اللوين الوريق ويقر	itiki dula mendalari ana di	ومؤفوا الأفريقا الجذر ومريت وأعتر والمراري	and the second state of the second	discounting and		واختدامون ا
40 dBµV/m					and a strength of the strength	all and the second s			
فمتحل أيساني والمراجع والمناطق		the second s							man
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 pt	s	80	0.0 MHz/			26.0 GHz



2. WiFi 5GHz 802.11 n20 mode

Lowest Channel: 5745 MHz. Chain A

MultiView 8	Spectrum								
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB = SW	● RB VT 1 s ● VB	W 1 MHz W 1 MHz Mode A	Auto Sweep					
1 Frequency Sy	weep							●1Pk View	∋2Av ViewLin
	H2 74.000 (dBµV/m							
70 dBµV/m									
60 dBµV/m									
	H1 54.000 dBμV/m-								
50 dBµV/m		la i		And the state of the	. at a tradition	alle alle and the alle all the sould	ar ankla		
	ويتعطينه والمناقب وبالدوام	and the second state of the second							and the second
40 dBµV/m									
		~~~~			m	سرماسمممريه فيقتر			$\sim\sim$
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
o abpvym									
-10 dBµV/m									
18.0 GHz			8000 pt	 S	80	0.0 MHz/	1		26.0 GHz
									21.02.2014

## Lowest Channel: 5745 MHz. Chain B

MultiView	Spectrum								
Ref Level 80. Att TDF	00 dBµV/m 0 dB • SY	● RBW : VT 1 s ● VBW :	LMHZ LMHZ <b>Mode</b> A	uto Sweep					
1 Frequency S	Sweep							1Pk View	⊜2Av ViewLin
	H2 74.000	dBu\//m							
70 dBµV/m	112 9 11000								
60 dBµV/m									
	-H1 54.000 dBµV/m-								
50 dBµV/m									
المالاليل محمد مالماليان		ومل معريدة فروانها أقرار بالقرور والرزائية	الالناء ويتناهد ويتنافقه والمعارين	and the standard and the little in the second	والمتراطية والمتعادين	the description in all a description	A State of State of States		ALC: NOTE: N
		and the second secon	and the second se	an a	A CONTRACTOR OF STREET		and the second se		
40 dBµV/m									
and a second and a s		and a second and a s			-				
30 dBµV/m							-		
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz	1	1	8000 pts	S	80	0.0 MHz/	1	1	26.0 GHz



### Lowest Channel: 5745 MHz. Chain A+B

MultiView	Spectrum								
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB = <b>SW</b>	● RBW : /T 1 s ● VBW :	LMHZ LMHZ <b>Mode</b> A	uto Sweep					
1 Frequency S	weep							1Pk View	⊜2Av AvgLin
		dBuV/m							
70 dBµV/m───									
60 dBµV/m									
	H1 54.000 dBµV/m-								
50 dBµV/m		And the state of the second second		Mind States and Mind States and States			the second s		مالى مى
40 dBµV/m			an an anna an		and a second state of the place of				
30 dBµV/m	an a	alan filit fan staar in de staar de st		A NAME OF TAXABLE				and the second	
20 dBµV/m									
20 UBDV/III									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 pts	s	80	0.0 MHz/	I	1	26.0 GHz

# Middle Channel: 5785 MHz. Chain A

MultiView 88	Spectrum	7						
Ref Level 80.00 Att TDF	idBµV/m 0 dB <b>● SWT</b> 1 s	■ RBW 1 MHz s ■ VBW 1 MHz Mode	Auto Sweep					
1 Frequency Sw	еер						●1Pk View	∋2Av ViewLin
		m						
70 dBµV/m								
60 dBµV/m								
н	1 54.000 dBµV/m							
50 dBµV/m	للتحرير ومعرفة فأفاق وقمق وأحدث هاورتق وروزان	فالمتوطنية أجارة وترجيني للارداء ومراهيه والقهور بالرا	And the second second second second	ate a constant destatembre	La man kin listera sikre bilara	data manaka		i utik
للا الجانبية بالمان الجمعان					a second s		and the second	بالمستعملين والمتعالين فالمخذوطات
40 dBµV/m			_					
				L			and the second second	$\sim$
								and the second
30 dBµV/m								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
18.0 GHz		8000 g	ots	80	0.0 MHz/			26.0 GHz



#### Middle Channel: 5785 MHz. Chain B

MultiView	Spectrum								
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB <b>= SY</b>	● RBW : VT 1 s ● VBW :	1 MHz 1 MHz Mode A	uto Sweep					
1 Frequency Sv	weep							1Pk View (	∋2Av ViewLin
		dBµV/m							
70 dBµV/m									
60 dBµV/m									
50 dBµV/m	H1 54.000 dBµV/m-					1			
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40 dBµV/m								14	
مىسىنىيى مەسىمىيە 30 dBµV/m	ىلىغانلىرىمە ^{لىر} ىرىس ^{ىر} مەمۇرىزىرىمە ^{لىر} غان مەمۇ ^{لىر}		ساريان والمراجع والم	*****	and the second design of the s	<i>،</i>	and the second design of the s	**************************************	
30 uвµv/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 pts	s	80	0.0 MHz/			26.0 GHz

## Middle Channel: 5785 MHz. Chain A+B

MultiView	Bpectrum							
Ref Level 8 Att TDF	0.00 dBµV/m 0 dB ● SWT 1 s ●	RBW 1 MHz VBW 1 MHz Mode A	Auto Sweep					
1 Frequency	/ Sweep						1Pk View	⊜2Av ViewLin
	H2 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
	H1 54.000 dBµV/m							
50 dBµV/m	فمحيدة العفر سويامه فالمتحاص والمتحاص والمعالمي والمعالمي المعاد	ana ala da ana ana ana ana ana ana ana ana ana	and an and the second	and the production of the second	tere physical control the	a shake a shake a shake a shake a	and the second second second	and the second second second
40 dBµV/m					and the second			
30 dBµV/m					-			and the second s
20 dBµV/m								
20 UBDV/III								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
18.0 GHz		8000 pt	S	80	0.0 MHz/	1		26.0 GHz



# Highest Channel: 5825 MHz. Chain A

MultiView 8	Spectrum								
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB <b>= SW1</b>	● RBW 1 「1s ● VBW 1	MHz MHz Mode A	uto Sweep					
1 Frequency Sv	weep							●1Pk View (	∋2Av ViewLin
		3uV/m							
70 dBµV/m									
60 dBµV/m									
	H1 54.000 dBµV/m								
50 dBµV/m	للماجع الانبية والمتبادية والمراجع	hand the state of the	the hearing and a poly of the			ndy service the particular testing	white the state of		بالمطبقة المجلسة والمساط الملاكل
40 dBµV/m		-							
<b>30 dBµV/m</b>		~~~~~							~~~~
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 pts	6	80	0.0 MHz/			26.0 GHz

# Highest Channel: 5825 MHz. Chain B

MultiView 🗄	Spectrum							$\bigtriangledown$
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB ● SWT	• RBW 1 s • VBW	1 MHz 1 MHz Mode /	Auto Sweep				
Frequency Sv	veep						1Pk View	⊜2Av ViewLin
	H2 74.000 dBµ	JV/m						
'0 dBμV/m								
i0 dBµV/m								
50 dBµV/m	H1 54.000 dBµV/m							
and the second	inderspite Partie ( and generalized and the last		a gold his worked in particular	and the state of the		alarah suhan kana ang	a survey and and the part of the second s	وسلفيهم فالمالية المقالية المحالية
40 dBµV/m		and the second		- And the second se	man		 	
30 dBµV/m								
20 dBµV/m								
LO dBμV/m								
) dBµV/m								
10 dBµV/m								
18.0 GHz			q 0008			0.0 MHz/		26.0 GH



# Highest Channel: 5825 MHz. Chain A+B

MultiView	🗄 Spectrum							
Ref Level 80 Att TDF	0.00 dBµV/m 0 dB ● SWT 1 s ●	RBW 1 MHz VBW 1 MHz Mode A	Auto Sweep					
1 Frequency	Sweep						1Pk View	⊜2Av ViewLin
	H2 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
50 dBµV/m	H1 54.000 dBµV/m							
منادره المنادر بالخصاص فا	file services and a file descendance of a service of the	in the second	and and the logical distribution of the second s	a de la construcción de		and a start of the last of the start of the		and the second
40 dBµV/m		ware ware ware ware ware ware ware ware						
30 dBµV/m								
20 dBµV/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
18.0 GHz			<u> </u>	80	0.0 MHz/			26.0 GHz

#### 3. WiFi 5GHz 802.11 n40 mode

# Highest Channel: 5795 MHz. Chain A

MultiView	Spectrum								
Ref Level 80 Att TDF	0.00 dBµV/m 0 dB ● SV	● RBV VT 1s ● VBV	VIMHz VIMHz Mode	Auto Sweep					
1 Frequency	Sweep							●1Pk View	⊜2Av ViewLin
	H2 74.000	dBµV/m							
70 dBµV/m									
60 dBµV/m									
	—−H1 54.000 dBµV/m·								
50 dBµV/m	ala mana manana ang ang ang ang ang ang ang ang an	and a strength backing	and the state of the	and the state of the	and the second	and the second states of the	white out have been a set of the	and the state of t	
40 dBµV/m									
			a second and the second and the					hannen	
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
-10 0000/11									
18.0 GHz			8000 p	ots	80	0.0 MHz/			26.0 GHz



# Highest Channel: 5795 MHz. Chain B

MultiView 8	Spectrum								
Ref Level 80.0 Att TDF	0 dBµV/m 0 dB <b>= SW</b>	● RBW 1 /T 1 s ● VBW 1	LMHZ LMHZ <b>Mode</b> A	uto Sweep					
1 Frequency Sv	veep							1Pk View (	∋2Av ViewLin
		dBµV/m							
70 dBµV/m									
60 dBµV/m									
50 dBµV/m	H1 54.000 dBµV/m−								
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40 dBµV/m					مىيىنىرىنى <u>مىيىنى مىرىنى</u>				
30 dBµV/m			· · · · ·						
00 40 42/22									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 pts	<u> </u> S	80	0.0 MHz/	<u> </u>		26.0 GHz

# Highest Channel: 5795 MHz. Chain A+B

MultiView	8 Spectrum								
Ref Level 80 Att TDF	0.00 dBµV/m 0 dB = <b>SV</b>	● RBW WT 1s ● VBW	1 MHz 1 MHz Mode A	Auto Sweep					
I Frequency	Sweep							1Pk View	∋2Av ViewLin
, moqueney									
	H1 74.000 dBuV/m								
70 dBµV/m									
i0 dBµV/m									
	H2 54.000	dBµV/m							
50 dBµV/m			a the second		and the state of the	A Charles of the second second second	address allow of		
والمصرب المتين والمرمانون	s. wil go is will produced by series white wi	and the second second second second						hing provide the state of the state	
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10 dBµV/m									
0 dBµV/m									
.0 dBµV/m									
) dBµV/m									
10 dBµV/m									
8.0 GHz			8000 pt	s	80	0.0 MHz/			26.0 GH



4. WiFi 5GHz 802.11 ac80 mode

Middle Channel: 5775 MHz. Chain A.

MultiView 😁	Spectrum	J							\bigtriangledown
Ref Level 80.00 Att TDF	0 dB 😑 SWT 1	● RBW 1 s ● VBW 1		uto Sweep					
1 Frequency Sw	еер							●1Pk View	∋2Av ViewLin
———н	1 74.000 dBµV/m								
70 dBµV/m									
60 dBµV/m									
	——H2 54.000 dBµV/m								
50 dBµV/m	Manual Inc. In consultabilities and a fail over	, the time the description of the	and the second state of th	where the state of the state of the	الدائلانيس المراجع الاستعمالي	and a state of the	Marte at a state	when we have a second	a construction and
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40 dBµV/m									
and the second and th		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim			\sim	\sim
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
U UBPV/III									
-10 dBµV/m									
18.0 GHz			8000 pts	;	80	0.0 MHz/		-	26.0 GHz

Middle Channel: 5775 MHz. Chain B.

MultiView									
Ref Level 8 Att TDF	0.00 dBµV/m 0 dB ● S	● RBV WT 1s ● VBV	/ 1 MHz / 1 MHz Mode	Auto Sweep					
1 Frequency	Sweep							●1Pk View	⊚2Av ViewLin
70 dBµV/m	H1 74.000 dBµV/m								
60 dBµV/m									
50 dBµV/m	H2 54.000								
and a stand of the stand of the stand	مصفول فالمتهام والمتيادة المصفح أخلي	a the state of the second second	and help and a stand of the second second	in the first of the stand of th	والمفاجلين المتصالة فعصو	and the second second second	and the state of t	والمارسة والمتنا والمستمن والمناطق	والمعالية فعليلة فيتقا المتعاد في الملاحظ
40 dBµV/m			-						
30 dBµV/m							~~~~		
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 p	ts	80	0.0 MHz/			26.0 GHz



\bigtriangledown MultiView 😁 Spectrum 1 Frequency Sweep ●1Pk View ⊝2Av ViewLin H1 74.000 dBµV/r 70 dBµV/m 60 dBµV/m dBµV/n H2 54.000 50 dBµV/m Millingh 40 dBµV/m 30 dBµV/m 20 dBµV/m 10 dBµV/m 0 dBµV/m· -10 dBµV/m 26.0 GHz 18.0 GHz 8000 pts 800.0 MHz/

Middle Channel: 5775 MHz. Chain A+B.



FREQUENCY RANGE 26 GHz to 40 GHz.

No spurious signals were found in all modulations and channels tested.

	B) Spectrum								
Ref Level 80. Att	00 dBµV/m. 0 dB = SW		1 MHz 1 MHz Mode A	uto Sween					
DF			THE NOGE /	ato omeep					
Frequency S	Sweep							●1Pk View (⊜2Av ViewLir
		l							1
0 dBµV/m	H2 74.000	dBµV/m							
J dBµV/m									(
									1
0 dBµV/m									
	-H1 54.000 dBµV/m-								
0 фвµу/m					أنافية ومسمأة المورجة الكالس وال	and the strength			
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0 dBµV/m									
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0 dBµV/m									
									ĺ
									1
0 dBµV/m									
									ĺ
dBµV/m									
10 dBµV/m									
									1
6.0 GHz	1	1	8000 pt	S	1	.4 GHz/	1	1	40.0 GH

(This plot is valid for both SISO and MIMO modes).



APPENDIX C: Test results "Bluetooth Low Energy"



INDEX

TEST CONDITIONS	
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Section 15.247 Subclause (d) / RSS-210 A8.5. Band-edge emissions compliance (Transmitter)	
Section 15.247 Subclause (e) / RSS-210 A8.5. Power spectral density	
Section 15.247 Subclause (d) / RSS-210 A8.5. Emission limitations radiated (Transmitter)	



TEST CONDITIONS

Power supply (V):

 $V_{nominal} = 3.3 Vdc$

Type of power supply = DC voltage from HMC/NGFC test board.

Type of antenna = External attachable PIFA antenna.

Declared Gain for antenna = 3.24 dBi

TEST FREQUENCIES:

Lowest channel: 2402 MHz Middle channel: 2440 MHz

Highest channel: 2480 MHz

For Bluetooth LE operation mode the transmission is at CHAIN B RF output.

For radio testing purposes the card was installed in a test fixture. The test fixture is connected to a laptop computer and dc power supplied. The laptop computer was used to configure the EUT to continuously transmit at a specified output power.

The PC was using the Intel test utility DRTU Version 1.7.3-859.

CONDUCTED MEASUREMENTS

The equipment under test was set up in a shielded room and connected to the spectrum analyzer using a low loss calibrated RF cable. The measurement readings are corrected with the cable loss (dB).

RADIATED MEASUREMENTS

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at a distance of 3 m for the frequency range 30 MHz-1000 MHz (30 MHz-1000 MHz Bilog antenna) and at a distance of 1m for the frequency range 1 GHz-25 GHz (1 GHz-18 GHz Double ridge horn antenna and 18 GHz-40 GHz horn antenna).

For radiated emissions in the range 1 GHz-25 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

The equipment under test was set up on a non-conductive (wooden) platform one meter above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.



Occupied bandwidth

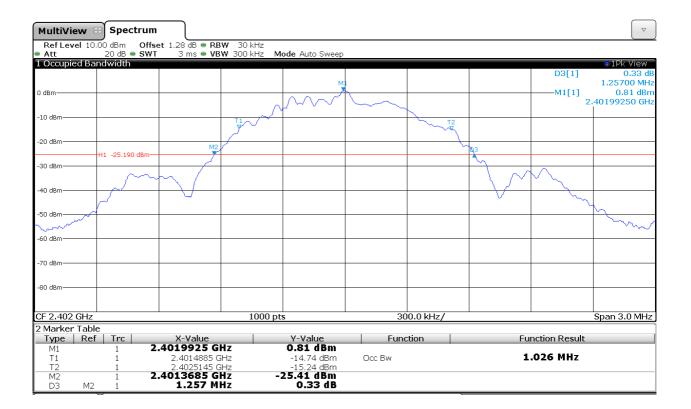
RESULTS

(see next plots).

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
99% bandwidth (MHz)	1.026	1.026	1.026
-26 dBc bandwidth (MHz)	1.257	1.257	1.257
Measurement uncertainty (kHz)		±7	



Lowest Channel

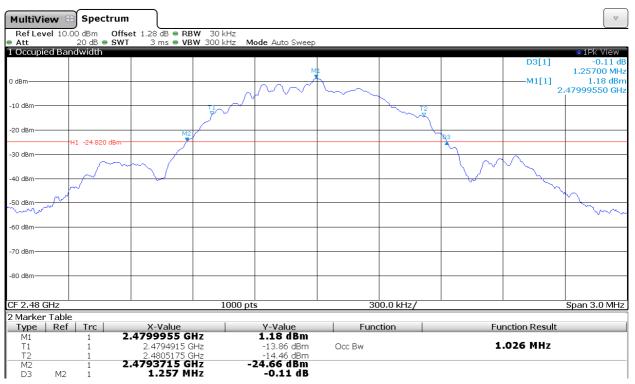


Middle Channel





Highest channel





Section 15.247 Subclause (a) (2) / RSS-210 A8.2. (a). 6 dB Bandwidth

SPECIFICATION

The minimum 6 dB bandwidth shall be at least 500 kHz.

<u>RESULTS</u>

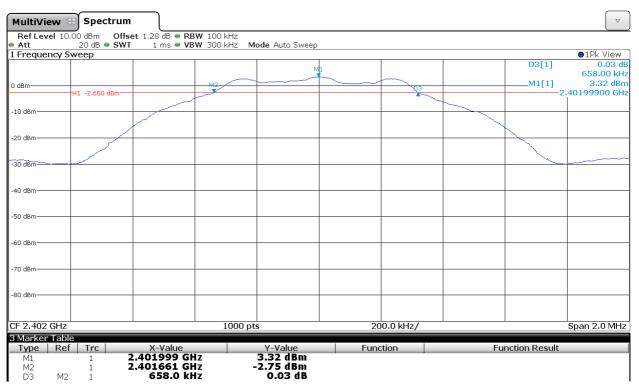
6 dB Bandwidth (see next plots).

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
6 dB Spectrum bandwidth (kHz)	658.00	672.00	672.00
Measurement uncertainty (kHz)		±7	

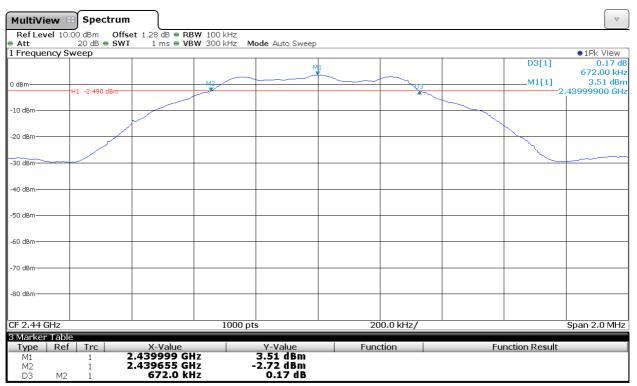


6 dB BANDWIDTH.

Lowest Channel



Middle Channel





6 dB BANDWIDTH.

Highest Channel

MultiView 8	Spectrum								
Ref Level 10.0 Att Frequency Sv	20 dB 🖷 SWT	1.28 dB • RB 1 ms • VB		ode Auto Sweep					•1Pk View
	veep		M2	1	1			D3[1] M1[1]	0.10 d 672.00 kH 3.56 dBr
) dBm	H1 -2.440 dBm					- Ya			2,48000300 GH
20 dBm									
30 dBm									
40 dBm									
50 dBm									
50 dBm									
70 dBm									
80 dBm									
CF 2.48 GHz			1000 pt	s	20)0.0 kHz/			Span 2.0 MH
Marker Table Type Ref M1 M2 D3 M2	Trc 2.	X-Value 480003 GH 479653 GH 672.0 kH	Z Z Z	Y-Value 3.56 dBm -2.59 dBm 0.10 dB	Fund	ction	Fu	nction Result	



Section 15.247 Subclause (b) / RSS-210 A8.4. (4). Maximum output power and antenna gain

SPECIFICATION

For systems using digital modulation in the 2400-2483.5 MHz band: 1 watt (30 dBm). The e.i.r.p. shall not exceed 4 W (36 dBm) (Canada).

RESULTS

The maximum conducted output (average) power was measured using the method according to point 9.2.1.2. of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v03r01 dated 09/04/2013.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power.

MAXIMUM OUTPUT POWER. See next plots.

Maximum declared antenna gain: 3.24 dBi.

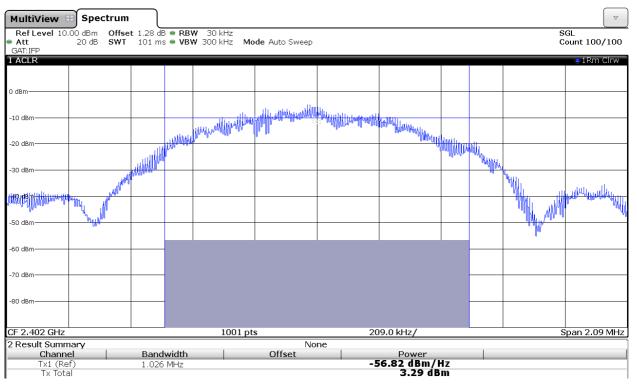
	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
Maximum conducted power (dBm)	3.29	3.51	3.44
Maximum EIRP power (dBm)	6.53	6.75	6.68
Measurement uncertainty (dB)		± 1.2	

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

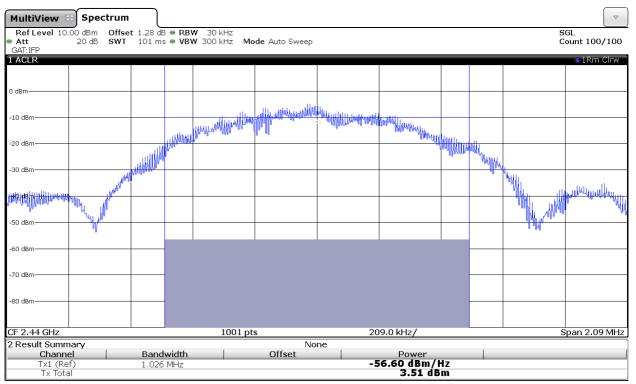


1. CONDUCTED AVERAGE POWER.

Lowest frequency

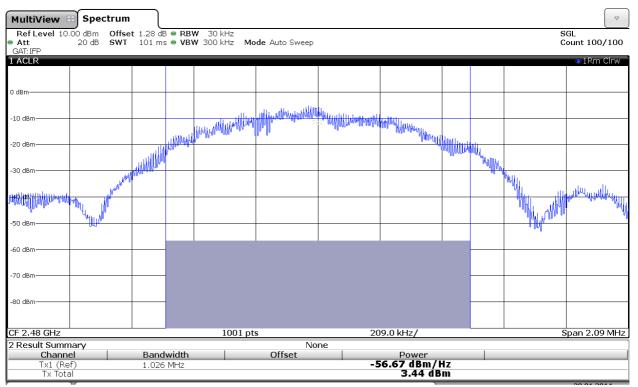


Middle frequency





Highest frequency





Section 15.247 Subclause (d) / RSS-210 A8.5. Emission limitations conducted (Transmitter)

SPECIFICATION

In any 100 kHz bandwidth outside the frequency band in which the digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB instead of 20 dB.

RESULTS:

Reference Level Measurement

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
Reference Level Measurement (dBm)	3.41	3.57	3.56
Measurement uncertainty (dB)		±1.2	

Lowest frequency 2402 MHz

All peaks are more than 20 dB below the limit.

Middle frequency 2440 MHz

All peaks are more than 20 dB below the limit.

Highest frequency 2480 MHz

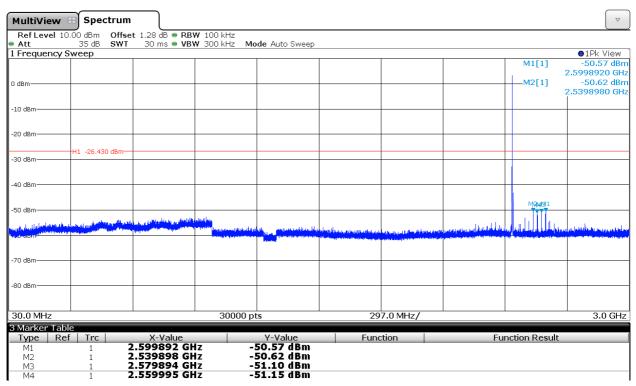
All peaks are more than 20 dB below the limit.



See next plot of worst case: Middle frequency 2440 MHz.

Number of sweep points: 30,000.

Plot 30 MHz to 3 GHz



Note: The peak above the limit is the carrier frequency.

Plot 3 GHz to 6 GHz:

MultiView 8	Spectrum								
Att			₩ 100 kHz ₩ 300 kHz Mo	de Auto Sweep					
1 Frequency Sy	weep								●1Pk View
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	H1 -26.430 dBm								
-40 dBm									
-50 dBm									
	ուն ամանվերությունը որ վերջությունը			dalatic para ana	terry hadre to a be the second to	hali dah kerda da gana da attaga	L. J. Bay J.	a bha gu ata tigu a gha a bha tha t	ol oddian maaa amad
	na katalan di katalah da katalan di katalan Katalan di katalan di ka	a pin fanada patron patron patro da Angelanda angelanda Angelang da angelanda	100 have star and a second system but a	and a second and the second	an a la la figuri a provincia de la Mi	and a state of the			nan yan distanti suga di susan ganan kata ka
-70 dBm									
-80 dBm									
3.0 GHz			30000 pt	ts	30	0.0 MHz/			6.0 GH



Plot 6 GHz to 9 GHz:

MultiView	B) Spectrum								
RefLevel 10 Att	.00 dBm Offse 35 dB SWT	t 1.28 dB • RB 30 ms • VB	₩ 100 kHz ₩ 300 kHz Mo	de Auto Sweep					
1 Frequency S	weep								●1Pk View
0 dBm									
-10 dBm									
-20 dBm									
	H1 -26.430 dBm								
-30 dBm									
-40 dBm									
-50 dBm									
. Karat salara masadalari	ىرى مەربىل	المترابع ومرافا أخراط وفرحه والأفاد	ويسأعا وأحطا والمتحولين ومنافأته المراوريا	opsigthetic determinant ling	an fan de statut fan sjon yf sêlder sjo		مروحي المراجع المراجع والمروح	and the second	an a the state of the
and the second	a Lane and the part of a feature	para dia manina ang ppilipi pa	and a start of the party of the start of the	inentenderintendetendet jaar ei	and interaction of the state in the state in the state of		(Instanting the solution of the	State of the Institution of the Annual State	And the second
-70 dBm									
-80 dBm									
6.0 GHz		1	30000 pt	is	30	0.0 MHz/			9.0 GHz

Plot 9 GHz to 12 GHz:

MultiView	Spectrum								
RefLevel 10 Att	.00 dBm Offse 35 dB SWT	t 1.28 dB • RB	₩ 100 kHz ₩ 300 kHz Mo	de Auto Sween					
1 Frequency S		00 110 - 12							●1Pk View
0 dBm									
-10 dBm									
10 000									
-20 dBm									
-30 dBm	H1 -26.430 dBm								
-40 dBm									
-50 dBm									
And Lands and praymond and the	distant and and	and the second second second	للارام فيبسر ليتحد فلور يعيل بتيافعه	ali fan haf flitt a half faithig an s	ألفاه وعلقات فلرور والعناص		hatter and a star and the start of the	wildle og galde brevedeliget	a kaikana kana kana
C. D. C. D. Markey Proc. 1 (1971)	and the second	lines and a second s	any and placed first and distances of the second states of the second st	and a second start start and a second start	and a second	<mark>ill an an an tha an</mark>	indiana postan magnituda sebuar	A REAL PROPERTY AND A REAL PROPERTY OF A REAL PROPE	and the second stress of the s
-70 dBm									
-80 dBm									
-00 0011									
9.0 GHz			30000 pt		30	0.0 MHz/			12.0 GHz



Plot 12 GHz to 15 GHz:

MultiView	B) Spectrum								
RefLevel 10 Att	.00 dBm Offse 35 dB SWT	t 1.28 dB • RB 30 ms • VB	№ 100 kHz № 300 kHz Mo	de Auto Sweep					
1 Frequency S	weep								●1Pk View
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	H1 -26.430 dBm──								
-40 dBm									
50.10									
-50 dBm	المعارية المعرفة المعالم	a.t			. onthe comments of the diffe	alientia in alcona	ak a s		
-60 dBm	ana ana katao sa katao sa	and the fail fraction of plants of a	periode and the second s	ومنالغاتهما والمللة وخطفته بالما	المتعارك (الشكر ميانة مريشا مدروس	gyn gegenne oan oan de staat br>Generalie een de staat	na se a la constanti de la cons La constanti de la constanti de	antan pananing daharing antana kina	and the first of the state
-60 dBm-		and the second sec	<u> </u>				and the second se		ويبير وبراييك أربي ويروي ويتريب
-70 dBm									
-80 dBm									
12.0 GHz	1	1	30000 pt	S	30	0.0 MHz/		1	15.0 GHz

Plot 15 GHz to 18 GHz:

MultiView	B Spectrum							
RefLevel 10 Att	.00 dBm Offse 35 dB SWT	t 1.28 dB • RBV	V 100 kHz V 300 kHz Mo	de Auto Sween				
1 Frequency S	weep	30 113 0 404	1 300 KHZ 110					●1Pk View
0 dBm								
-10 dBm								
-10 0.011								
-20 dBm								
-30 dBm	-H1 -26.430 dBm							
-40 dBm								
-40 dBm								
-50 dBm								
	a second and and the second	أحتيقته مزارطه فيروطوانه برايته المرافعة		jinin daga jariki pelitiki, pelatiki ji perinter daga seri teri piran teri pirangan dari seri diter	napilates ja bilita statisti mandatista anto sana statisti		والعام ويعرون ويترونا والا	and the state of the balls
-60 dBm	الدرور والغرية ديان (<u>منطقين منطقين من</u> ية محمد من <mark>طقي</mark>	n den ansatelise det des placestig placestig par part and a						
-70 dBm								
-80 dBm								
15.0 GHz			30000 pt		30	0.0 MHz/		18.0 GHz



Plot 18 GHz to 21 GHz:

MultiView	Spectrum								
RefLevel 10 Att	.00 dBm Offse 35 dB SWT		№ 100 kHz № 300 kHz Mo	de Auto Sweep					
1 Frequency S									●1Pk View
0 dBm									
-10 dBm									
-20 dBm									
	H1 -26.430 dBm								
-30 dBm	20,100 00.0								
-40 dBm									
-50 dBm									4 4 1 1
المحاليين والمتدر والمعالي ال	a hour dilance of the subscription of	u sala na data ambalada	hill in solital algorithm is a found of	industry activities [helicited information]	denorte berdette er behandnet i s	Lupod Hills Adams have been	an a star a la far far far far an san bhail	ما ويستقل المريخ ال المريخ المريخ	
-60 dBm	and the second s	and the start part of the start	an a	and the particular second s	and the property of the second states of the second	a second s	alle and a substantial second density of a	of the contraction of the	
-70 dBm									
-80 dBm									
00 00 11									
18.0 GHz	1	1	30000 pt	S	30	0.0 MHz/	1		21.0 GHz

Plot 21 GHz to 24 GHz:

MultiView	Spectrum								\bigtriangledown
RefLevel 10. Att	.00 dBm Offse 35 dB SWT	t 1.28 dB • RBV 30 ms • VBV	V 100 kHz V 300 kHz Mo	de Auto Sweep					
1 Frequency S									●1Pk View
0 dBm									
-10 dBm									
-20 dBm									
-20 0811	H1 -26.430 dBm──								
-30 dBm									
-40 dBm									
-50 dBm									
all all a shark to be a substitute of the	Nan Kalang na sa katapatén Kal	lage de prisidelli di perso di consigne di La della fisione	alaalaaladd (achille), a dd ¹⁹ Alabaadar Ar ac ac ac al ar ar taal billion ar ta	an Mark (Mith partiting from prior Mark and a state of the state of t	united that the first part of the first	فلمهدأ فاعتر ومتعاليهم والتحقيل	and the device has been been been been been been been bee	a palada na da kana da	nal alkanteter politiken di Andre Bellandet
-60 dBm	na o non transforma a sur su		- 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	a series of a second	adheer a san a	and the second secon	an na hain ana na maratan da mana da ba	na anna an stàitean ann an	an a Made and an
-70 dBm									
-80 dBm									
21.0 GHz			30000 pt	s	30	0.0 MHz/			24.0 GHz



Plot 24GHz to 25 GHz:

MultiView 😁	Spectrum								
	35 dB SWT		V 100 kHz V 300 kHz Mo	de Auto Sweep					
1 Frequency Swe	eep								●1Pk View
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	1 -26.430 dBm								
-40 dBm									
-50 dBm	والمعروبال ومعاولة الدرابية بال	والمرشول والاومال	en en gester de la contrateire de contrateire de la contrateire de la contrateire de la contrateire de la contr	an an a bradd a tha pada a d	ant, watan ana	the line of the state of the st	the distance of a standard of the standard	, _{sent} un Alinna ((m. 10. ¹⁰ 14)).	ni pilitana apagili populati ng ma
datual peti peti datual datual datu Perinte datual datual datual datual datual -60 dBm	tenting kenalik producer dan	uninfaitheacordhioghta	n sen form for the second state of the second state of the second second second second second second second se	<mark>anal</mark> an <mark>ak</mark> a itori zani zini karwa	an in an	al provident de la constant la pla qualitada.	արտվիսնում է է հայկում է հերթի	a finding i tradicio de la com	
-70 dBm									
-80 dBm									
24.0 GHz			30000 pt	s	10	0.0 MHz/			25.0 GHz



Section 15.247 Subclause (d) / RSS-210 A8.5. Band-edge emissions compliance (Transmitter)

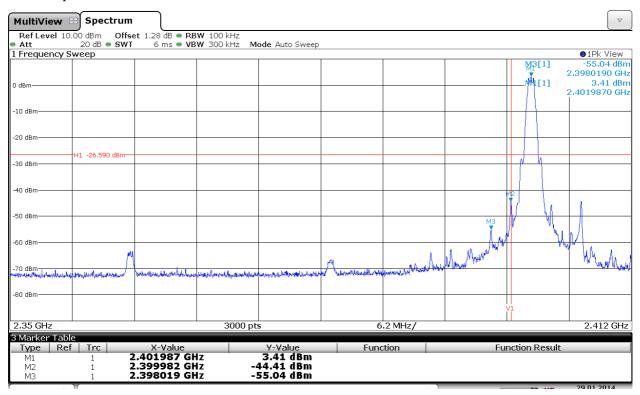
SPECIFICATION

Emissions outside the frequency band in which the intentional radiator is operating shall be at least 30 dB below the highest level of the desired power.

RESULTS:

1. LOW FREQUENCY SECTION. CONDUCTED.

See next plot.





2. HIGH FREQUENCY SECTION. CONDUCTED.

See next plot.

MultiView 88	Spectrum								
Ref Level 10.0 Att	0 dBm Offse 40 dB SWT	t 1.28 dB • RBV 3 ms • VBV		ode Auto Sweep					
1 Frequency Sw		5 113 0 001	1 300 KHZ 14K	de Auto Sweep					●1Pk View
M1								M5[1]	-47.93 dBm
0 dBm								M1[1]	2.5999600 GHz 3.62 dBm
U UBIII									2.4799600 GHz
-10 dBm									
-20 dBm									
	41 -26.380 dBm								
-30 dBm	11 -20.380 UBIII								
-40 dBm	2								
				M	в м5		M4		
-50 dBm				,	T T		Ţ		
manual shinning with	montalities and and and	and a submittee was really as	require both manufactures	month all intervention of the manufacture of	unpresentional must hely	millight when and the provide	wayser larssone back-descentrying	المارم مهال المرام الموالي الموال الموال	when the weather weather we as the second
-60 dBm									
-00 dbm									
70 db									
-70 dBm									
-80 dBm									
V1									
2.46 GHz		1	3000 pt	is is the second	24	4.0 MHz/	1	1	2.7 GHz
3 Marker Table			· · · ·			· · ·			
Type Ref	Trc	X-Value		Y-Value	Fund	tion	Fu	nction Result	
M1	1	2.47996 GH		3.62 dBm					
M2 M3	1	2.485 GH: 2.57996 GH:		42.22 dBm 47.70 dBm					
M3 M4	1	2.6402 GH		48.19 dBm					
M5	î	2.59996 GH		47.93 dBm					



Section 15.247 Subclause (e) / RSS-210 A8.5. Power spectral density

SPECIFICATION

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

RESULTS

The maximum power spectral density level in the fundamental emission was measured according to point 10.2. PKPSD (peak PSD) of Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 558074 D01 DTS Meas Guidance v03r01 dated 09/04/2013.

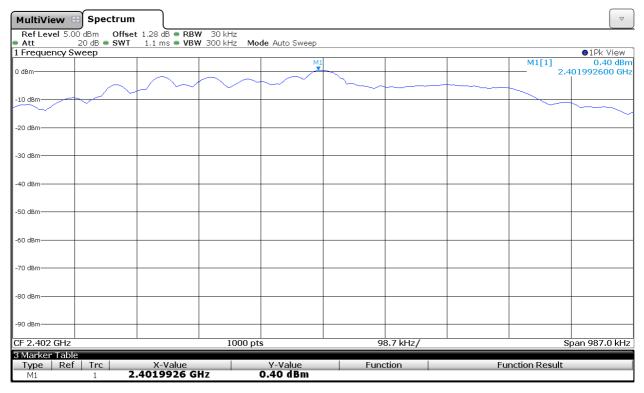
Power spectral density (see next plots).

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
Power spectral density (dBm)	0.40	0.65	0.73
Measurement uncertainty (dB)		±1.2	



Power spectral density.

Lowest Channel



Middle Channel

MultiView	Spectrum								
Ref Level 5.0 Att	0 dBm Offset 20 dB = SWT	t 1.28 dB • RBV 1.1 ms • VBV		de Auto Sweep					
1 Frequency S					-				●1Pk View
0 dBm				N	1			M1[1]	0.65 dBr
U dBM		\frown	\frown	$\langle \rangle$					2.44000150 GH
10 dBm		<u> </u>							~
-20 dBm									
-30 dBm									
30 UBIII									
40 dBm									
-50 dBm									
-60 dBm									
oo abiii									
70 dBm									
80 dBm									
-90 dBm									
CF 2.44 GHz			1000 pts	5	1	00.8 kHz/			Span 1.008 MH
Marker Table	2					,		_	
Type Ref	Trc	X-Value .4400015 G	H7 (Y-Value 0.65 dBm	Fur	nction	Fu	nction Resul	t
M1	1 2	.4400015 G	nz (0.05 ubili					20.01.2014



Highest Channel

l Frequency	20 dB • SWT Sweep	111 110 - 101		de Auto Sweep				●1Pk View
) dBm				M	L		M1[1]	0.73 dB 2.47999650 GF
ubili	\sim		\langle	\sim			 ^	2147999030 0
10 dBm								
\sim								
20 dBm								
30 dBm								
40 dBm								
50 dBm								
60 dBm								
50 GB.								
70 dBm								
80 dBm								
90 dBm							-	+
F 2.48 GHz			1000 pt	s	1	00.8 kHz/	5	Span 1.008 MF



Section 15.247 Subclause (d) / RSS-210 A8.5. Emission limitations radiated (Transmitter)

SPECIFICATION

Frequency Range (MHz)	Field strength ($\mu V/m$)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	300
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

RESULTS:

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-1000 MHz and at distance of 1 m for the frequency range 1 GHz-25 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

The equipment transmits continuously in the selected channel so it is not necessary a duty cycle correction factor.



Frequency range 30 MHz-1000 MHz.

The spurious signals detected do not depend on either the operating channel or the modulation mode.

See test results in Appendix A for details.

Frequency range 1 GHz-25 GHz

Spurious signals with peak levels above the average limit (54 $dB\mu V/m$ at 3 m) are measured with average detector for checking compliance with the average limit.

1. CHANNEL: LOWEST (2402 MHz).

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2.3620	PH	Peak	47.21	± 4.00
2.4851	PH	Peak	46.83	± 4.00
2.5021	PH	Peak	48.32	± 4.00
2.5220	PH	Peak	49.51	± 4.00
2.5420	PH	Peak	48.83	± 4.00
4.8040	PV	Peak	43.01	± 4.00

2. CHANNEL: MIDDLE (2440 MHz).

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2.3800	PH	Peak	47.43	± 4.00
2.4801	PH	Peak	49.24	± 4.00
2.5000	PH	Peak	48.65	± 4.00
2.5400	PH	Peak	48.54	± 4.00
2.5599	PH	Peak	49.87	± 4.00
4.8798	PV	Peak	42.10	± 4.00



3. CHANNEL: HIGHEST (2480 MHz).

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2.3601	PH	Peak	46.72	± 4.00
2.4849	PH	Peak	51.95	± 4.00
2.5199	PH	Peak	50.64	± 4.00
2.5401	PH	Peak	49.10	± 4.00
2.6001	PH	Peak	49.46	± 4.00
4.9598	PV	Peak	41.06	± 4.00



FREQUENCY RANGE 1 GHz to 3 GHz.

CHANNEL: Lowest (2402 MHz).

MultiView	Spectrum								
RefLevel 8 Att TDF	30.00 dBµV/m 0 dB = S	● RBW WT 1 s ● VBW	1 MHz 1 MHz Mode /	Auto Sweep					
3 Frequency	Sweep		1	1		1		●1Pk View	∋2Av ViewLin
70 dBµV/m									
60 dBµV/m									
50 dBui//m	H2 54.000								
зо аврулі	www.www.			L MAR	and in more warmen	monorthen	whend	monound production	manymound
40 dBµV/m	while an one of the second	hard and the former that the	and many						
							hitsen		
38 dB⊭∀/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
1.0.011-			1000 1		20				
1.0 GHz			1000 pt	3	20	0.0 MHz/			3.0 GHz

Note: The peak shown in the plot above the limit is the carrier frequency.

CHANNEL: Middle (2440 MHz).

MultiView	B Spectrum									
Ref Level 80 Att TDF	00 dBµV/m 0 dB = S	● RB WT 1s ● VB	W 1 MHz W 1 MHz Mode	e Auto Sweep						
3 Frequency S	weep								●1Pk View	∋2Av ViewLin
	-H1 74.000 dBµV/m	1								
70 dBµV/m										
60 dBµV/m							+			
50 dBµV/m	H2 54.000							d S and		u Mirich a constant
40 dBµV/m	el male and and marked	punakun daskitat	mundululululu	mounderward	marked and a second	when how month and	hul		hallander	and down the refuse on a
							h	ساللسال	·····	
- 30 dBµ∀/m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~									
20 dBµV/m										
10 dBµV/m										
0 dBµV/m										
о аврулі										
-10 dBµV/m										
1.0 GHz			1000	ots	20	0.0 MHz/				3.0 GHz
2 Marker Tabl	P									1

Note: The peak shown in the plot above the limit is the carrier frequency.



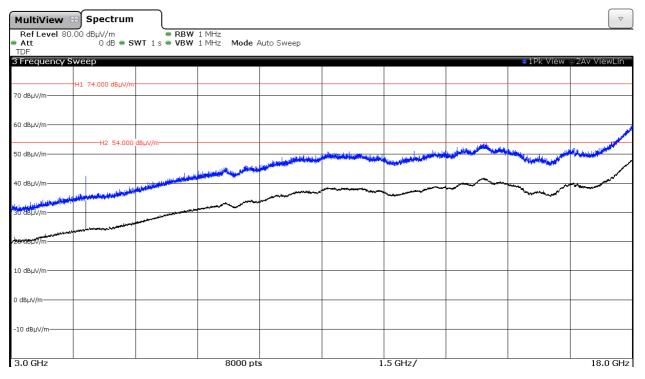
CHANNEL: Highest (2480 MHz).

MultiView	8 Spectrum									
Ref Level 8 Att TDF	30.00 dBµV/m 0 dB ● S		VIMHz VIMHz Mode	Auto Sweep						
3 Frequency	Sweep								1Pk View	⊚2Av ViewLin
	—H1_74.000 dBµV/m									
70 dBµV/m										
i0 dBµV/m										
50 dBµV/m	H2 54.000							N.		
	mmmullenturterren	an and the second	downwww.weighad	a washingtown	upmentury more de	warmenterterter	ulmo	hullunum	ad and the second se	
						hunder	_a.h	Lun	hur human	
3 8 dBµ∀/m∽∽−−−										
20 dBµV/m										
10 dBµV/m										
0 dBµV/m										
-10 dBµV/m										
1.0 GHz			1000 p			0.0 MHz/				3.0 GHz

Note: The peak shown in the plot above the limit is the carrier frequency.

FREQUENCY RANGE 3 GHz to 18 GHz.

CHANNEL: Lowest (2402 MHz).





CHANNEL: Middle (2440 MHz).

MultiView 😁	Spectrum							
Ref Level 80.00 Att TDF	OdBµV/m ● R OdB ● SWT 1 s ● V	BW 1 MHz BW 1 MHz Mode Aut	to Sweep					
3 Frequency Swe	еер						●1Pk View (∋2Av ViewLin
	1 74.000 dBµV/m							
70 dBµV/m								
60 dBµV/m								
50 dBµV/m	H2 54.000 dBµV/m		الفقيمة والطراب			and the state of the second	and the second	Whater and a start of the start
40 dBµV/m		المسلح والمصطلي ومستعليهم ومستعلما والمراجع والمحاودين						
	and an and the state of the second			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				a second second
ອວ ຟBµV/m	and water and							
daudant/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
20 dbpvym								
3.0 GHz		8000 pts		1	.5 GHz/			18.0 GHz

CHANNEL: Highest (2480 MHz).

MultiView 😕	Spectrum	l						
Ref Level 80.00 Att TDF)dBµV/m 0 dB ● SWT 1 s	RBW 1 MHz VBW 1 MHz Mode A	uto Sweep					
3 Frequency Swe	еер						●1Pk View	⊝2Av ViewLin
	L 74.000 dBµV/m							
60 dBµV/m								
	——H2 54.000 dBµV/m-					ىلە لەردىغا مىل ^{ىرىم} ىلىرىمىدىدار.		
50 dBµV/m		and the second second second	and the second statements of	an a			and the second and the second s	······
40 dBµV/m	المتنافقين والمتنافع المتنافع المتنافع والمتنافع والمت			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Langer and the second			Monument of V
SU BEJV/m	worker ware and the second							
Agever by/m								
10 dBµV/m								
0 dBµV/m								
-10 dBµV/m								
3.0 GHz		8000 pts	<u>ــــــــــــــــــــــــــــــــــــ</u>	1	.5 GHz/			18.0 GHz



FREQUENCY RANGE 18 GHz to 25 GHz.

MultiView 8	Spectrum								\bigtriangledown
Ref Level 80.1 Att TDF	00 dBµV/m 0 dB ● S V	● RBW WT 1s ● VBW	1 MHz 1 MHz Mode A	Auto Sweep					
3 Frequency Sv	weep							●1Pk View	∋2Av ViewLin
	H1 74.000 dBµV/m-								
70 dBµV/m									
60 dBµV/m									
50 dBµV/m	H2 54.000	dBµV/m	tos esta a la tale	a an	ومعالما ومتعاماتهم الملاقع	hais on a shi dinana a thu an	unit in a statut		ante de la materiale.
marketer and the second states									
40 dBµV/m									
			*******		and a subscription of the second s	للمؤسور المحاجة والمحاجة والمحا	and the second s		
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
18.0 GHz			8000 pts	5	80	0.0 MHz/			26.0 GHz

(This plot is valid for all three channels).



FREQUENCY RANGE 2.31 GHz to 2.39 GHz. (RESTRICTED BAND)

CHANNEL: Lowest (2402 MHz).

MultiView 88	Spectrum								
Ref Level 80.00 Att TDF	0 dBµV/m 0 dB 🖷 SI	● RBW WT 1s ● VBW	1 MHz 1 MHz Mode /	Auto Sweep					
3 Frequency Sw	еер							1Pk View	∋2Av ViewLin
H.	1 74.000 dBµV/m-								
70 dBµV/m									
60 dBµV/m									
	H2 54.000	dBµV/m							
50 dBµV/m	والمراجع والمراجع والمراجع		turi sekari nationi nu 186			a sender trades a to	a markana an	ومناقبة والمتعارية	lunks at 8 bit canalism of a
	and a second second second		Contraction of the Contraction of Co				and a second	a arcanotal muse co fice.	and the bedradd of other
40 dBµV/m									
				L		\square			M
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
2.31 GHz			1000 pt	<u> </u>	8	.0 MHz/			2.39 GHz
			1000 pt						2.55 6112

CHANNEL: Middle (2440 MHz).

MultiView 8	Spectrum								
Ref Level 80.1 Att TDF	0 dB 🖷 SW		3W 1 MHz 3W 1 MHz Mode	Auto Sweep					
3 Frequency Sv	weep							●1Pk View	∋2Av ViewLin
70 dBµV/m	H1 74.000 dBμV/m								
60 dBµV/m									
	H2 54.000 dl	BµV/m							
50 dBµV/m	Job Mary mary and Marker	and the second second	a put to a market the	in all marines when you	weldtrakenson	e erandradunan undersederte	munoman	durange under Mar	m ray Marson process
40 dBµV/m	~		~					~	
30 dBµV/m				*****					
20 dBµV/m									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
2.31 GHz			1000 p	ts	8	.0 MHz/			2.39 GHz



CHANNEL: Highest (2480 MHz).

MultiView	😁 Spectrum								
Ref Level 8 Att TDF	0.00 dBµV/m 0 dB = S		VIMHz VIMHz Mode	Auto Sweep					
3 Frequency	Sweep							●1Pk View	∋2Av ViewLin
	H1 74.000 dBµV/m								
70 dBµV/m									
60 dBµV/m									
00 000000									
	H2 54.000	dBµV/m							
50 dBµV/m									1.0.1
mahalalann	verent conventede	mortentrustation	vounderstand	www.what.utlallower	and an and the second second	www. Withour Hellenson	hour have been been been been been been been be	human when me	unvernantilla
40 dBµV/m									
			~			P			
30 dBµV/m									
20 dBµV/m									
10 dBµV/m									
10 00049111									
0 dBµV/m	-								
-10 dBµV/m									
2.31 GHz		•	1000 p	ts		3.0 MHz/			2.39 GHz

FREQUENCY RANGE 2.4835 GHz to 2.5 GHz. (RESTRICTED BAND)

CHANNEL: Lowest (2402 MHz).

MultiView									
RefLevel 80 Att IDF			VIMHz VIMHz Mode	Auto Sweep					
Frequency S	Sweep							1Pk View	⊜2Av ViewLin
	-H1 74.000 dBμV/m								
0 dBµV/m									
0 dBµV/m									
	H2 54.000	dBµV/m							
i0 dBµV/m	aller marie e asserer da	and a day of many	ومقال سميرا بالانجال وسالم	and the second second	a contra consecutivit stalistic	and a small dealer to be served	a Unaddhi shi ka co	and harden black and	Same and the second second
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) dBµV/m									
10 dBµV/m									



CHANNEL: Middle (2440 MHz).

MultiView	🗄 Spectrum							
Ref Level 80 Att TDF	0.00 dBµV/m 0 dB ● SWT 1 s ● V	BW 1 MHz BW 1 MHz Mode	Auto Sweep					
Frequency S	Sweep						●1Pk View	∋2Av ViewLin
	H1 74.000 dBµV/m							
70 dBµV/m———								
60 dBµV/m	H2 54.000 dBµV/m							
50 dBµV/m	ne stoo apprin	montaliteration	monenenpetroducerad	nonument	vertables when any other	unnahnahaanaa	handre colorander	qualitation
40 dBµV/m								
30 dBµV/m								
20 dBµV/m								
10 dBµV/m								
) dBµV/m								
-10 dBµV/m								
2,4835 GHz		1000 pt	te	1	.65 MHz/			2,5 GHz

CHANNEL: Highest (2480 MHz).

DF		11 1 3 - 1 0 0	1 MHz Mode #	Auto Sweep					
Frequency	Sweep							●1Pk View	∋2Av ViewLin
) dBµV/m	H1 74.000 dBµV/m								
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