7.3. Power Spectral Density

Applied standards

- -e-CFR Title 47 Chapter I Subchapter A Part 15 Subpart C §15.247 (e)
- -RSS-247 issue 2 Section 5.2 (b)

Limit

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.

Test equipment and test set up

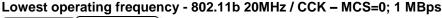
Test equipment used for conducted measurements as given in clause Test equipment of this report. Test setup used for conducted measurements as given in clause Test setups of this report.

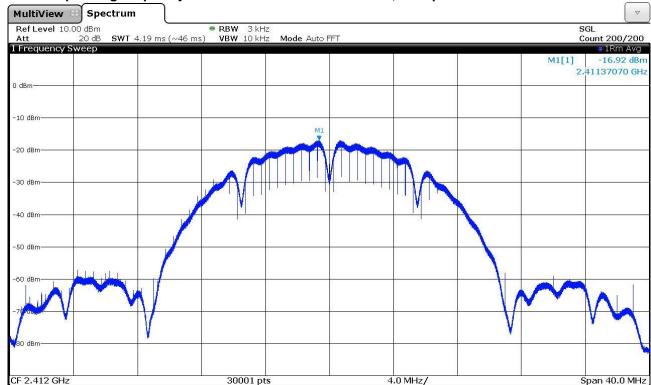
Description

The maximum average conducted output power was used to determine compliance to the fundamental output power limit. So the maximum average conducted PSD level is measured with a power averaging (rms) detector.

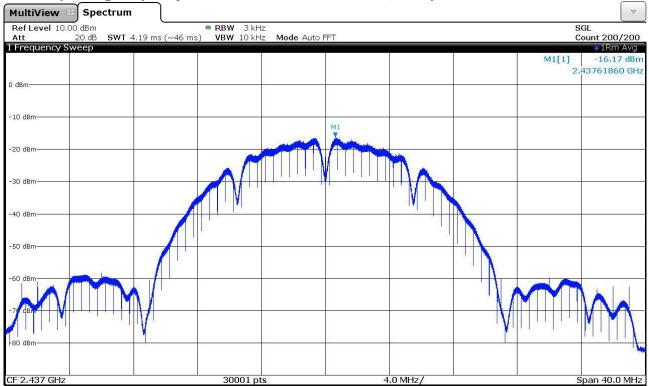
Measurement

The Measurement was performed on: 03.02.2020 and 14.04.2020

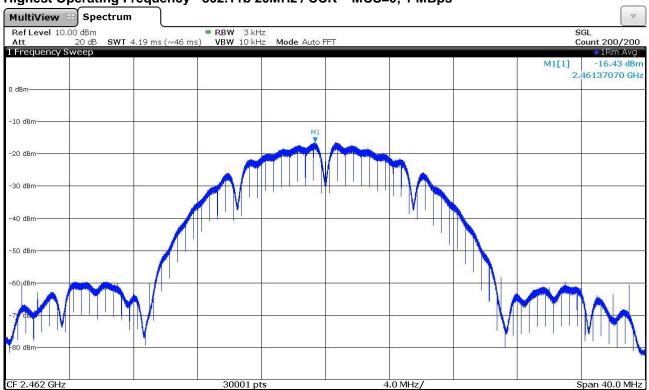






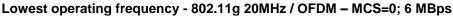


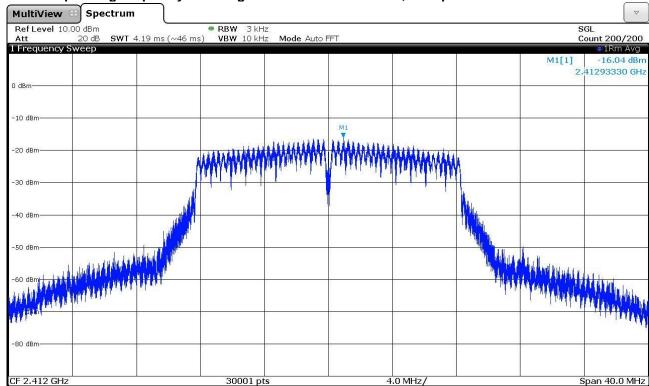
Highest Operating Frequency - 802.11b 20MHz / CCK - MCS=0; 1 MBps



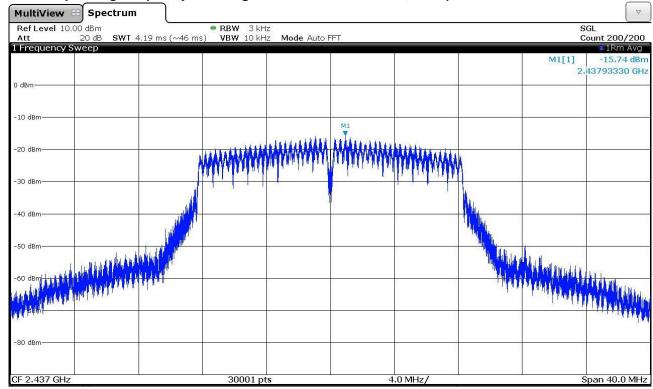
Maximum power spectral density 802.11b 20MHz / CCK – MCS=0: 1 MBps

002.1.18 20				
Channel	Frequency [MHz]	Power Spectral Density [dBm / 3 kHz]	Limit [dBm / 3 kHz]	Result
1	2412	-16.92	8	Pass
6	2437	-16.17	8	Pass
11	2462	-16.43	8	Pass





Middle Operating Frequency - 802.11g 20MHz / OFDM - MCS=0; 6 MBps



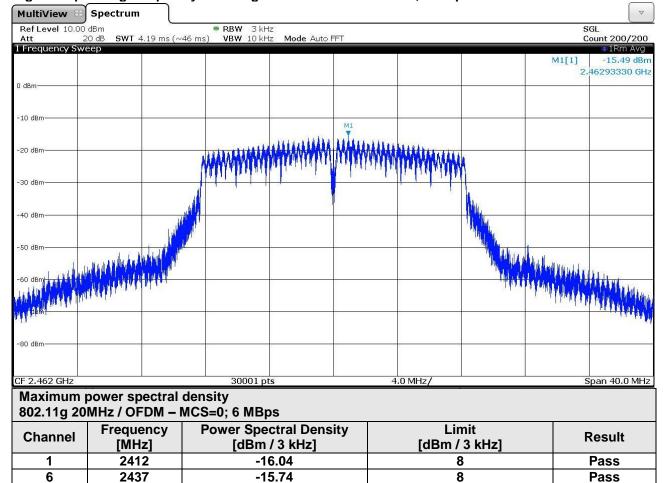
Pass

11

2462

Test report no.: **18/11-0061a**

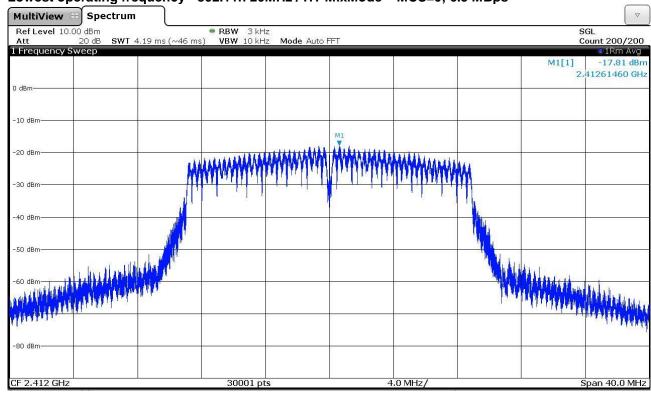
Highest Operating Frequency - 802.11g 20MHz / OFDM - MCS=0; 6 MBps



8

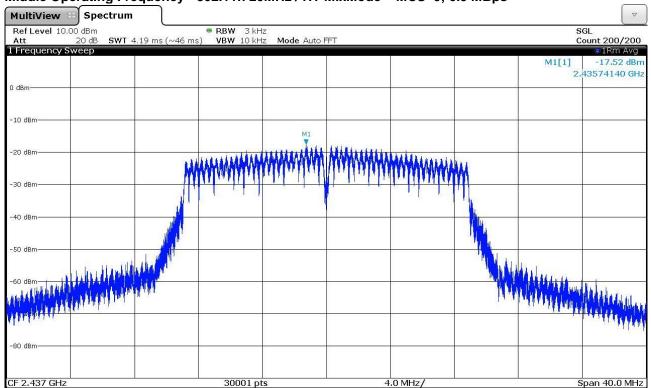
Lowest operating frequency - 802.11n 20MHz / HT MixMode - MCS=0; 6.5 MBps

-15.49

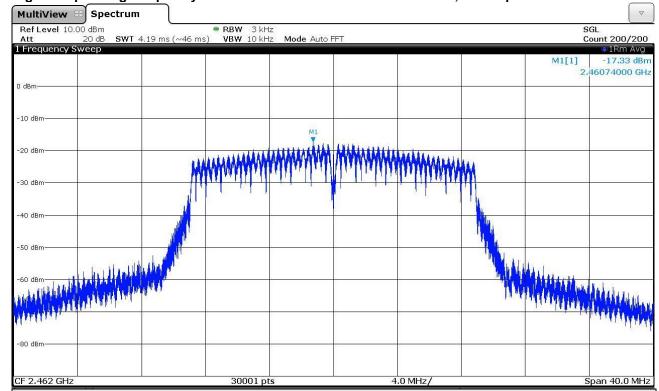








Highest Operating Frequency - 802.11n 20MHz / HT MixMode - MCS=0; 6.5 MBps

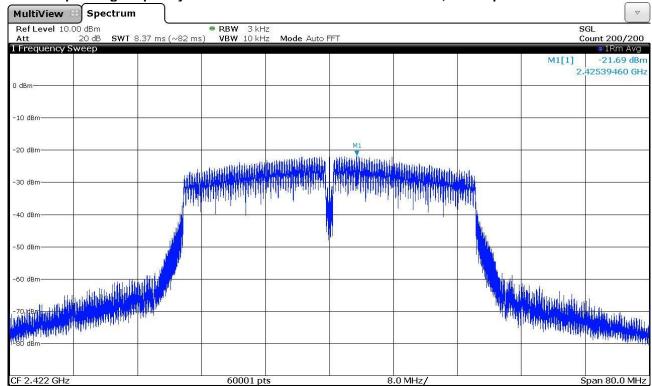


Maximum power spectral density
802.11n 20MHz / HT MixMode - MCS=0; 6.5 MBps

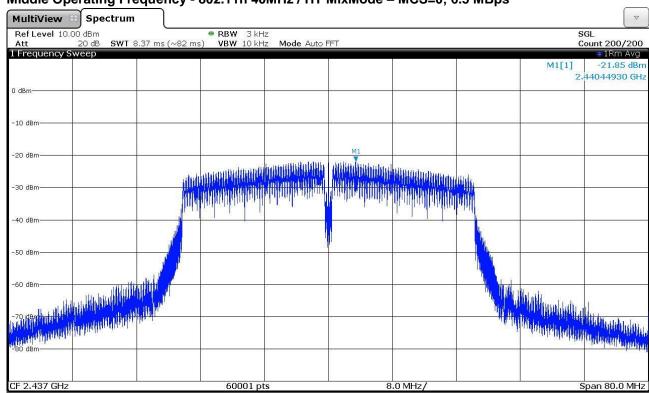
Channel	Frequency	Power Spectral Density	Limit	Result
Chamilei	[MHz]	[dBm / 3 kHz]	[dBm / 3 kHz]	Result
1	2412	-17.81	8	Pass
6	2437	-17.52	8	Pass
11	2462	-17.33	8	Pass

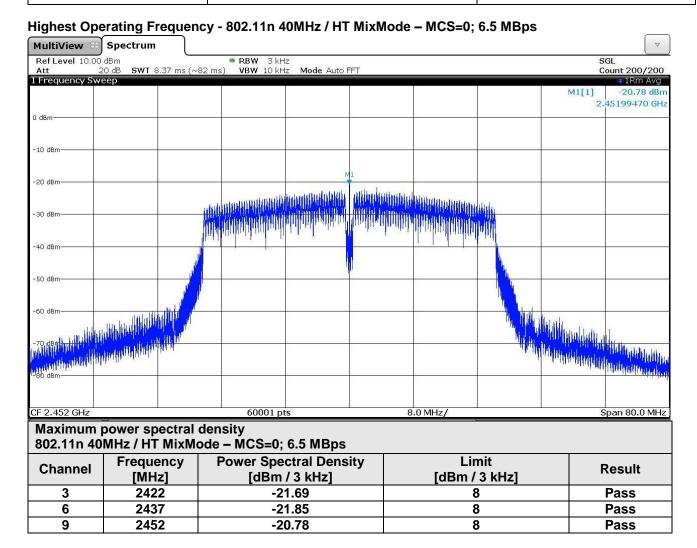






Middle Operating Frequency - 802.11n 40MHz / HT MixMode - MCS=0; 6.5 MBps





Results

From the measurement data obtained, the tested sample was considered to have **COMPLIED** with the requirements for the **Power Spectral Density**.

7.4. Band-Edges Measurement

Applied standards

-e-CFR Title 47 Chapter I Subchapter A Part 15 Subpart C §15.247 (d)

-RSS-247 issue 2 Section 5.5

Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Emissions which fall in the restricted bands, as defined in §15.205 Restricted Bands of operation as well as in restricted bands of the RSS-Gen Issue 5 (see Section 8.10 Restricted Frequency Bands) and must also comply with the radiated emission limits specified in §15.209 Radiated emission limits as well as the limits specified in RSS-Gen Table 5.

Test equipment and test set up

Test equipment used for Band Edge measurements as given in clause Test equipment of this report. Test setup used for Band Edge measurements as given in clause Test setups of this report.

Description

The band edge is measured at an amplitude level reduced from the reference level by a specified ratio. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency.

Detector function

For the measurement, an EMI test receiver that have CISPR peak and avearge detector was used.

Measurement

The Measurement was performed on: 06.04.2020

Higher Band Edge - 802.11b 20MHz / CCK - MCS=0; 1 MBps - radiated



FCC 3 Band edge emission according to



FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

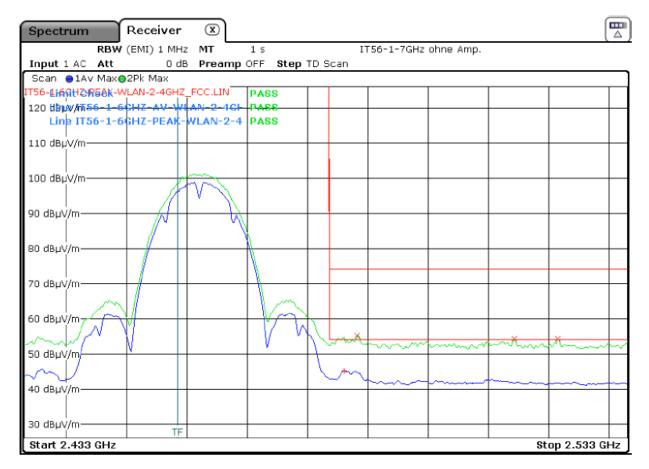
Product: Transmitting/Receiving System

Sample: 07 (#18)

Date: 06.04.2020

Operator: BI pass fail
Remarks: All cables connected; Input Voltage System 24V/DC Result:

Operation mode: WLAN CH.11; BW = 20MHz; CCK; 802.11b; Power level 1D; High edge



				Polarisat	ion: V				
		Detector Average					Detector Peak		
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,4860	45,10	-8,90	54,00	pass	2,4883	55,19	-18,81	74,00	pass
					2,5143	54,26	-19,74	74,00	pass
					2,5215	54,19	-19,81	74,00	pass



FCC 3

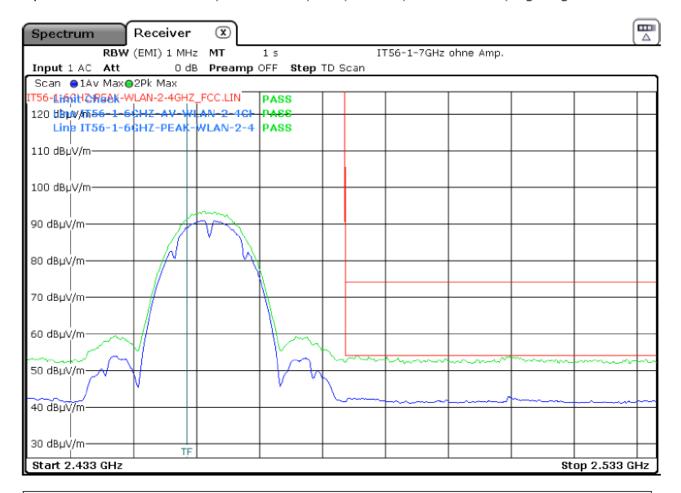


Band edge emission according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.11; BW = 20MHz; CCK; 802.11b; Power level 1D; High edge



				Polarisati	ion: H				
		Detector Average		Detector Peak					
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all	emissions are	10dB below	imit	pass	all (emissions are	10dB below	w limit	pass

Lower Band Edge - 802.11b 20MHz / CCK - MCS=0; 1 MBps - radiated



FCC 3 Band edge emission

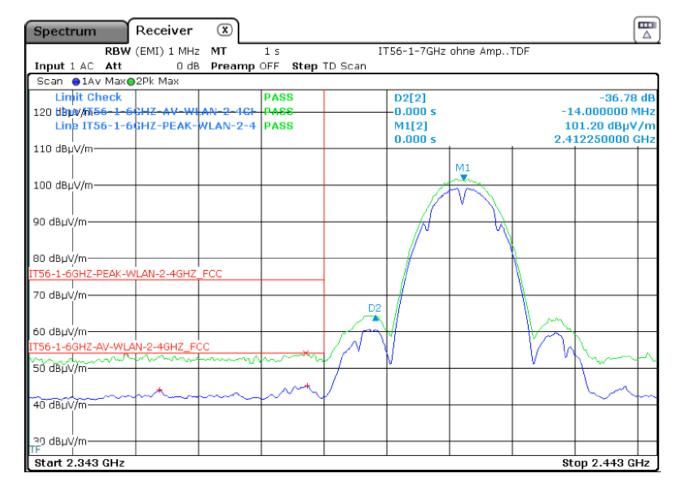


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.01; BW = 20MHz; CCK; 802.11b; Power level 1D; Low edge



				Polarisati	ion: V				
		Detector Average					Detector Peak		
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,3873	45,04	-8,96	54,00	pass	2,3870	54,15	-19,85	74,00	pass
2,3638	43,97	-10,03	54,00	pass	2,3585	54,01	-19,99	74,00	pass



FCC 3 Band edge emission

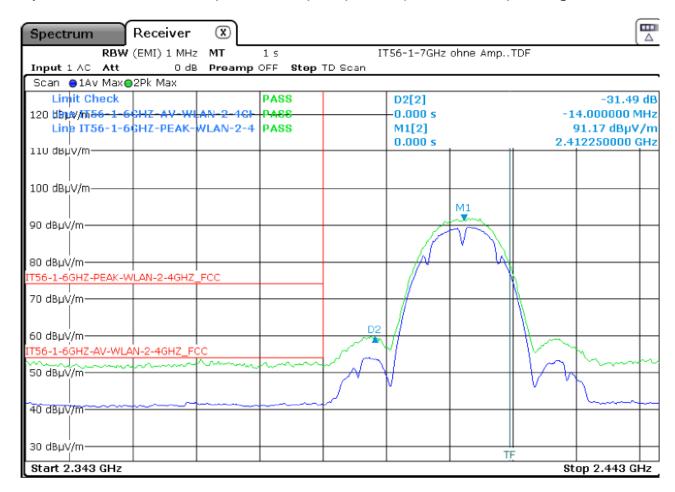


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.01; BW = 20MHz; CCK; 802.11b; Power level 1D; Low edge



				Polarisati	ion: H				
		Detector Average			Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all	emissions are	10dB below	limit	pass	all	emissions are	10dB belov	w limit	pass

Higher Band Edge - 802.11g 20MHz / OFDM - MCS=0; 6 MBps - radiated



FCC 3

Band edge emission

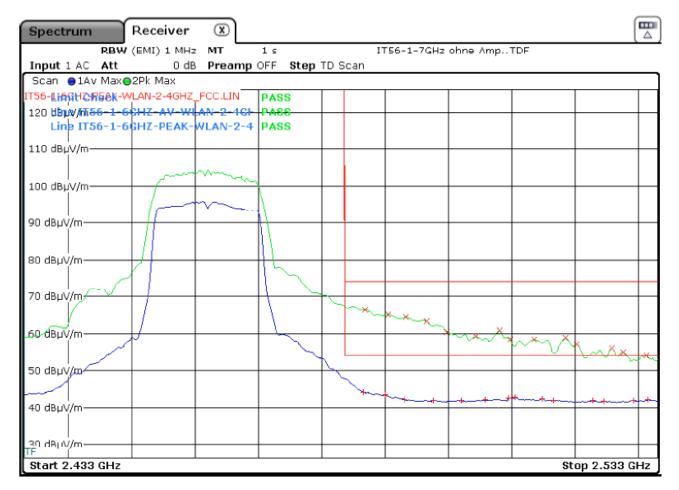


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.11; BW = 20MHz; OFDM; 802.11g; Power level 1D; High edge



				Polarisation	on: V				
		Detector Average					Detector Peak		
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,4865	44,08	-9,92	54,00	pass	2,4868	66,25	-7,75	74,00	pass
2,4900	43,29	-10,71	54,00	pass	2,4905	64,98	-9,02	74,00	pass
2,5105	42,74	-11,26	54,00	pass	2,4933	64,24	-9,76	74,00	pass
2,5095	42,54	-11,46	54,00	pass	2,4965	63,11	-10,89	74,00	pass
2,5148	42,39	-11,61	54,00	pass	2,5080	60,83	-13,17	74,00	pass
2,4930	42,18	-11,82	54,00	pass	2,4998	60,45	-13,55	74,00	pass



IN GERMANY

FCC 3

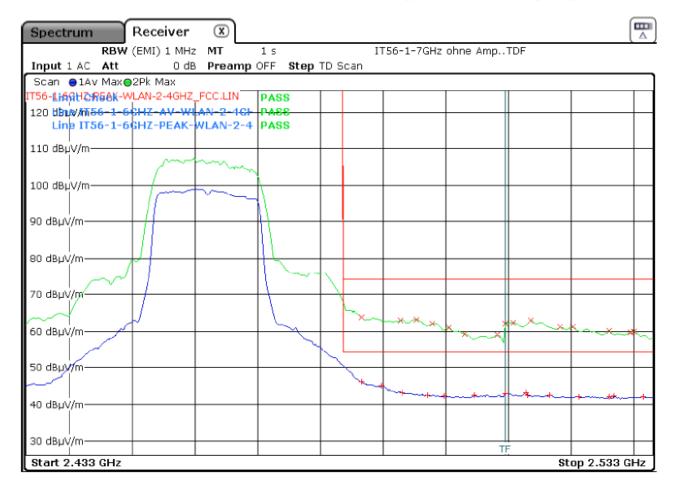


Band edge emission according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.11; BW = 20MHz; OFDM; 802.11g; Power level 1D; High edge



				Polarisation	on: H				
		Detector Average					Detector Peak		
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,4865	45,96	-8,04	54,00	pass	2,4865	63,74	-10,26	74,00	pass
2,4898	44,84	-9,16	54,00	pass	2,4953	63,22	-10,78	74,00	pass
2,4930	43,13	-10,87	54,00	pass	2,4928	63,01	-10,99	74,00	pass
2,5128	43,08	-10,92	54,00	pass	2,5135	62,93	-11,07	74,00	pass
2,5095	42,87	-11,13	54,00	pass	2,5108	62,40	-11,60	74,00	pass
2,5130	42,55	-11,45	54,00	pass	2,5095	62,11	-11,89	74,00	pass



Lower Band Edge - 802.11g 20MHz / OFDM - MCS=0; 6 MBps - radiated



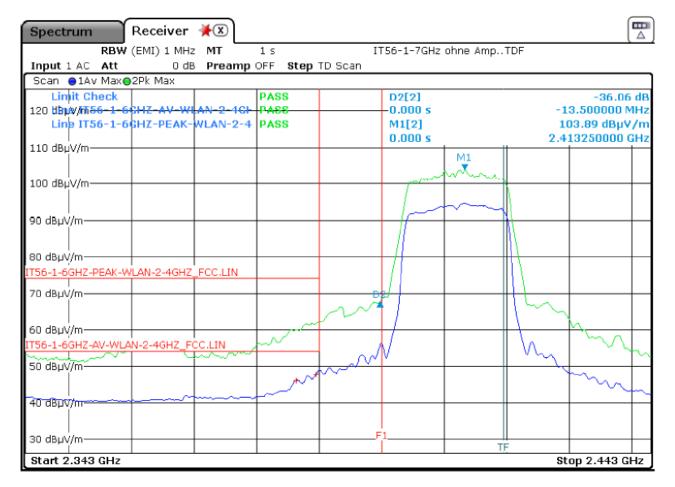
FCC 3 Band edge emission



according to FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.01; BW = 20MHz; OFDM; 802.11g; Power level 1D; Low edge



				Polarisa	tion: V				
		Detector Average					Detector Peak		
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,3895	47,71	-6,29	54,00	pass	all e	missions are	10dB below	/ limit	pass
2,3863	45,96	-8,04	54,00	pass					



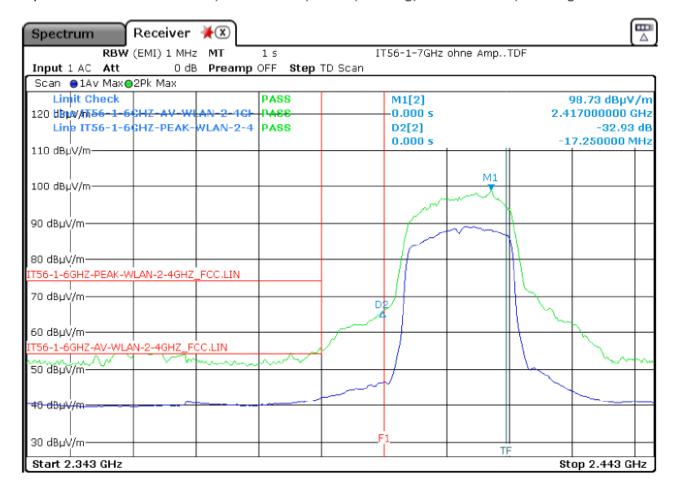
FCC 3 Band edge emission



according to FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.01; BW = 20MHz; OFDM; 802.11g; Power level 1D; Low edge



				Polarisat	ion: H				
		Detector Average							
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
al	l emissions are	10dB below	limit	pass	all	emissions are	e 10dB belo	w limit	pass



Higher Band Edge - 802.11n 20MHz / HT MixMode - MCS=0; 6.5 MBps - radiated



FCC 3 Band edge emission

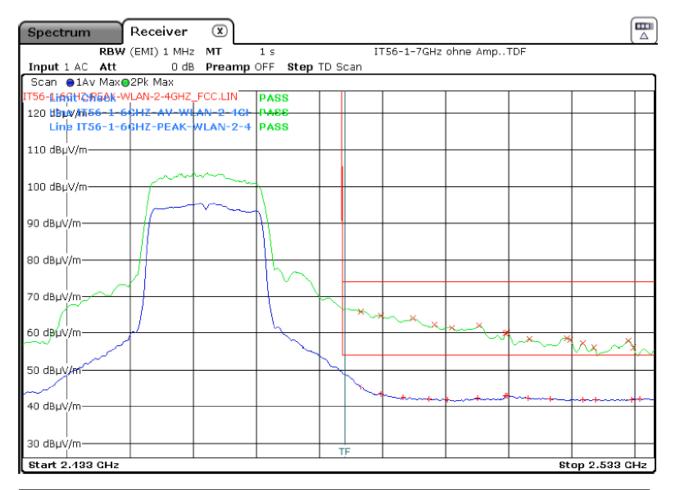


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.11; BW = 20MHz; HT Mix Mode; 802.11n; Power level 1D; High edge



				Polarisati	on: V				
		Detector Average					Detector Peak		
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,4865	45,19	-8,81	54,00	pass	2,4865	65,56	-8,44	74,00	pass
2,4898	43,15	-10,85	54,00	pass	2,4898	64,43	-9,57	74,00	pass
2,5095	42,69	-11,31	54,00	pass	2,4948	63,73	-10,27	74,00	pass
2,5098	42,67	-11,33	54,00	pass	2,4983	62,03	-11,97	74,00	pass
2,4933	42,23	-11,77	54,00	pass	2,5053	61,77	-12,23	74,00	pass
2,5130	42,10	-11,90	54,00	pass	2,5010	61,21	-12,79	74,00	pass



FCC 3 Band edge emission

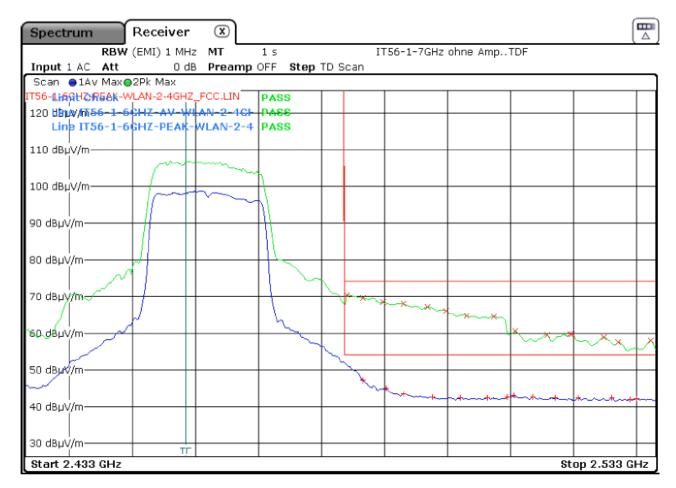


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.11; BW = 20MHz; HT Mix Mode; 802.11n; Power level 1D; High edge



	Polarisation: H												
		Detector Average	Detector Peak										
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result				
2,4865	47,12	-6,88	54,00	pass	2,4840	70,32	-3,68	74,00	pass				
2,4903	44,81	-9,19	54,00	pass	2,4865	69,53	-4,47	74,00	pass				
2,4930	43,50	-10,50	54,00	pass	2,4898	68,35	-5,65	74,00	pass				
2,5105	42,90	-11,10	54,00	pass	2,4930	67,91	-6,09	74,00	pass				
2,4975	42,60	-11,40	54,00	pass	2,4968	67,09	-6,91	74,00	pass				
2.5095	42.55	-11.45	54.00	pass	2.4998	65.91	-8.09	74.00	pass				

Lower Band Edge - 802.11n 20MHz / HT MixMode - MCS=0; 6.5 MBps - radiated



FCC 3 Band edge emission

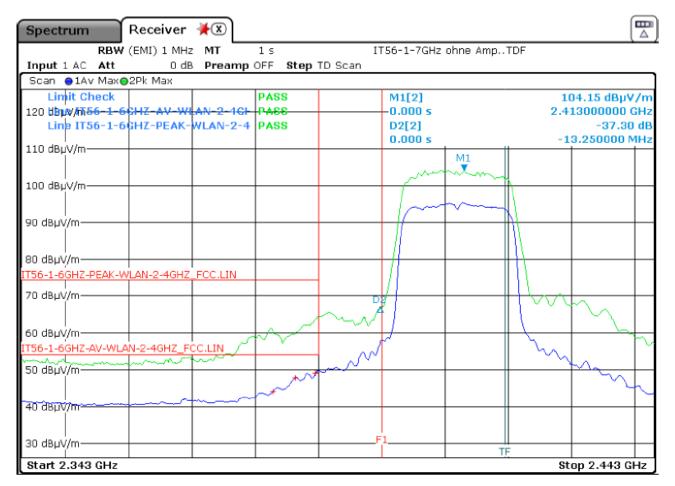


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.01; BW = 20MHz; HT Mix Mode; 802.11n; Power level 1D; Low edge



	Polarisation: V											
		Detector Peak										
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result			
2,3895	49,00	-5,00	54,00	pass	all	emissions are	e 10dB belov	w limit	pass			
2,3863	47,84	-6,16	54,00	pass					pass			
2,3828	44,02	-9,98	54,00	pass								



FCC 3 Band edge emission

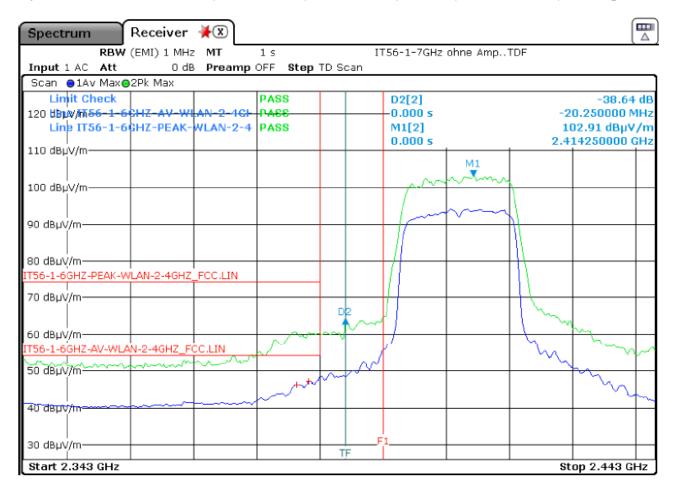


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.01; BW = 20MHz; HT Mix Mode; 802.11n; Power level 1D; Low edge



				Polarisati	on: H				
		Detector Average	Detector Peak						
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,3883	47,19	-6,81	54,00	pass	all emissions are 10dB below limit				pass
2,3863	46,20	-7,80	54,00	pass					



Higher Band Edge - 802.11n 40MHz / HT MixMode - MCS=0; 6.5 MBps - radiated



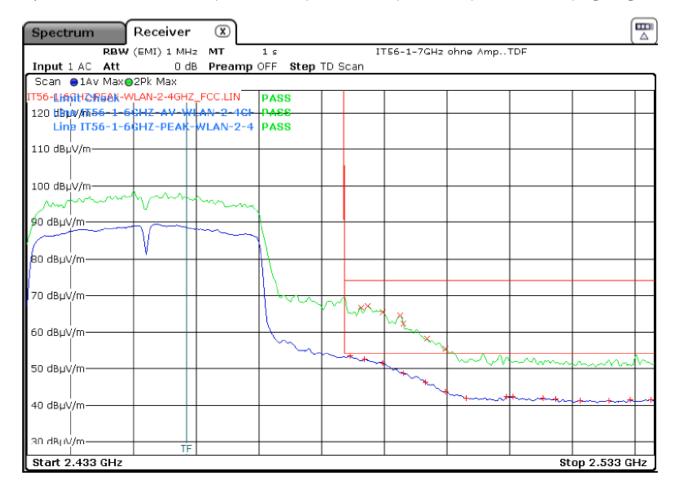
FCC 3 Band edge emission



according to FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.09; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; High edge



				Polarisation	on: V				
		Detector Average			Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,4845	53,43	-0,57	54,00	pass	2,4873	67,04	-6,96	74,00	pass
2,4868	52,44	-1,56	54,00	pass	2,4863	66,63	-7,37	74,00	pass
2,4898	51,35	-2,65	54,00	pass	2,4898	65,30	-8,70	74,00	pass
2,4930	48,54	-5,46	54,00	pass	2,4925	64,46	-9,54	74,00	pass
2,4965	46,22	-7,78	54,00	pass	2,4930	62,41	-11,59	74,00	pass
2,4998	43,60	-10,40	54,00	pass	2,4968	58,23	-15,77	74,00	pass



FCC 3 Band edge emission

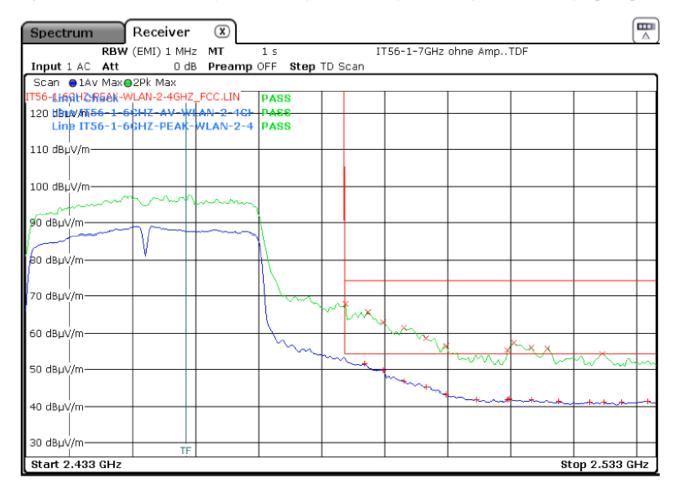


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.09; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; High edge



	Polarisation: H												
		Detector Average		Detector Peak									
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result				
2,4868	51,38	-2,62	54,00	pass	2,4838	67,66	-6,34	74,00	pass				
2,4898	49,64	-4,36	54,00	pass	2,4873	65,59	-8,41	74,00	pass				
2,4930	46,75	-7,25	54,00	pass	2,4898	62,85	-11,15	74,00	pass				
2,4965	45,12	-8,88	54,00	pass	2,4930	61,39	-12,61	74,00	pass				
2,4998	43,15	-10,85	54,00	pass	2,4965	58,68	-15,32	74,00	pass				
2.5098	42.06	-11,94	54,00	pass	2.5105	57.21	-16,79	74,00	pass				



Lower Band Edge - 802.11n 40MHz / HT MixMode - MCS=0; 6.5 MBps - radiated



FCC 3 Band edge emission



according to FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.03; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; Low edge



				Polarisati	on: V				
		Detector Peak							
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,3895	49,16	-4,84	54,00	pass	2,3880	68,00	-6,00	74,00	pass
2,3845	48,08	-5,92	54,00	pass	2,3863	65,24	-8,76	74,00	pass
2,3828	46,89	-7,11	54,00	pass					
2,3795	45,61	-8,39	54,00	pass					
2,3763	44,23	-9,77	54,00	pass					



FCC 3 Band edge emission

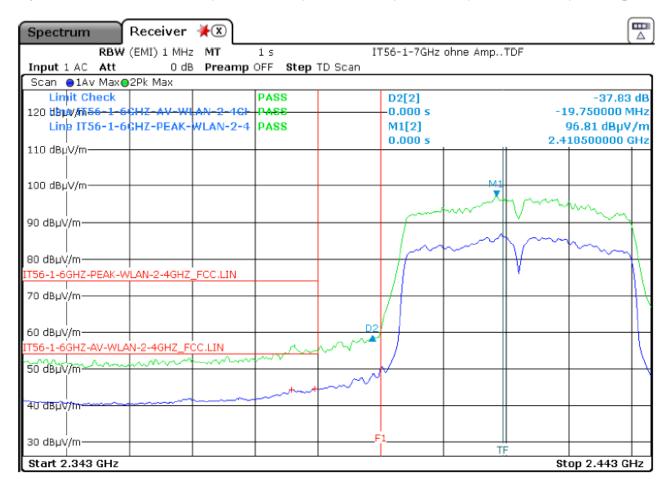


according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.03; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; Low edge



				Polaris	ation: H					
		Detector Average			Detector Peak					
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	
2,3895	44,52	-9,48	54,00	pass	all emissions are 10dB below limit					
2,3858	44,35	-9,65	54,00	pass						



Higher Band Edge - 802.11n 40MHz / HT MixMode - MCS=0; 6.5 MBps / ZigBee CH 26 - radiated



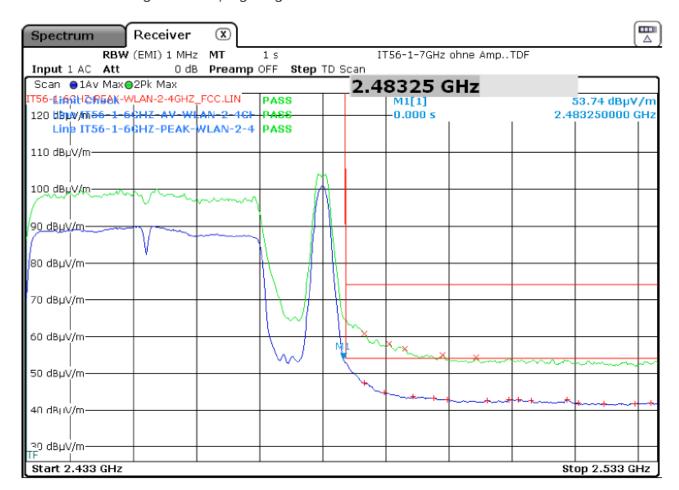
FCC 3 Band edge emission according to



FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.09; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; Zigbee CH.26; High edge



				Polaris	ation: V					
		Detector Average			Detector Peak					
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	
2,4835	53,74	-0,26	54,00	pass	2,4865	60,81	-13,19	74,00	pass	
2,4865	47,25	-6,75	54,00	pass	2,4905	58,00	-16,00	74,00	pass	
2,4898	44,64	-9,36	54,00	pass	2,4930	56,56	-17,44	74,00	pass	
2,4943	43,59	-10,41	54,00	pass	2,4990	54,94	-19,06	74,00	pass	
2,4975	43,22	-10,78	54,00	pass	2,5043	54,16	-19,84	74,00	pass	
2,5110	42,70	-11,30	54,00	pass						



FCC 3

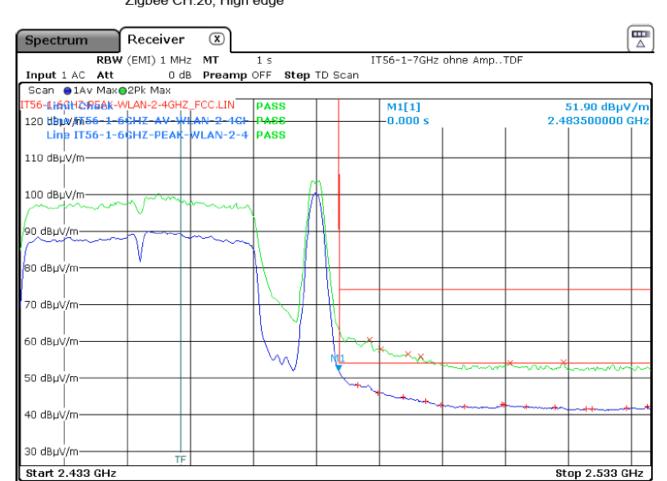
聞STC Band edge emission

according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

18/11-0061 Ref.-No.:

Operation mode: WLAN CH.09; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; Zigbee CH.26; High edge



				Polaris	ation: H				·	
		Detector Average			Detector Peak					
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	
2,4835	51,90	-2,10	54,00	pass	2,4885	60,38	-13,62	74,00	pass	
2,4865	48,02	-5,98	54,00	pass	2,4903	57,78	-16,22	74,00	pass	
2,4898	45,85	-8,15	54,00	pass	2,4945	56,41	-17,59	74,00	pass	
2,4938	44,65	-9,35	54,00	pass	2,4965	55,71	-18,29	74,00	pass	
2,4973	43,69	-10,31	54,00	pass	2,5193	54,16	-19,84	74,00	pass	
2,5095	42,64	-11,36	54,00	pass	2,5108	54,07	-19,93	74,00	pass	



Lower Band Edge - 802.11n 40MHz / HT MixMode - MCS=0; 6.5 MBps / ZigBee CH 11 - radiated



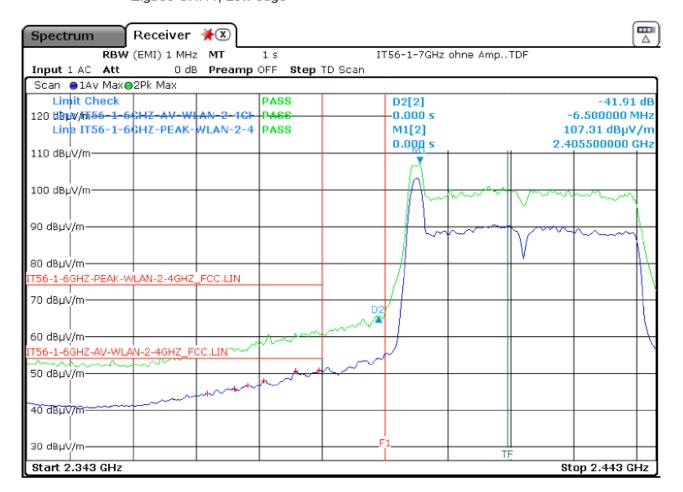
FCC 3 Band edge emission according to



FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.03; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E; Zigbee CH.11; Low edge



	Polarisation: V												
		Detector Peak											
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result				
2,3895	50,70	-3,30	54,00	pass	all emissions are 10dB below limit				pass				
2,3858	50,54	-3,46	54,00	pass									
2,3808	47,92	-6,08	54,00	pass									
2,3783	46,75	-7,25	54,00	pass									
2,3760	45,77	-8,23	54,00	pass									
2,3718	44,44	-9,56	54,00	pass									



FCC 3 Band edge emission



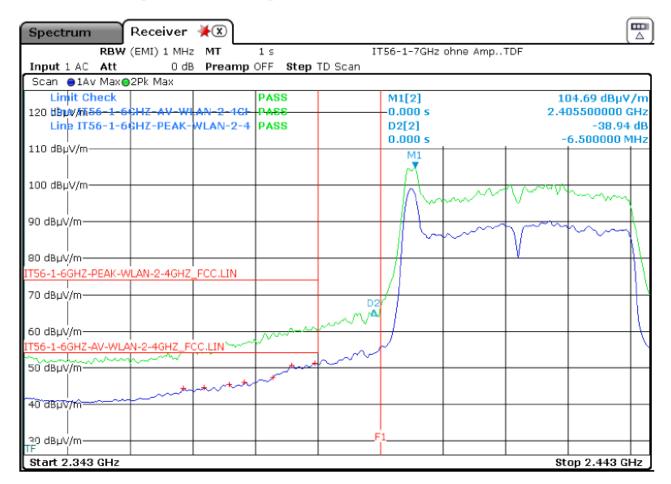
according to

FCC §15.247, RSS-247, FCC §15.209 RSS-Gen

Ref.-No.: 18/11-0061

Operation mode: WLAN CH.03; BW = 40MHz; HT Mix Mode; 802.11n40; Power level 1E;

Zigbee CH.11; Low edge



				Polarisati	on: H				
		Detector Average	Detector Peak						
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
2,3895	51,13	-2,87	54,00	pass	all emissions are 10dB below limit				pass
2,3858	50,67	-3,33	54,00	pass					
2,3828	47,23	-6,77	54,00	pass					
2,3783	45,93	-8,07	54,00	pass					
2,3758	45,29	-8,71	54,00	pass					
2,3718	44,38	-9,62	54,00	pass					

Results

From the measurement data obtained, the tested sample was considered to have **COMPLIED** with the requirements for the **Band Edges / Out of Band Emission**.