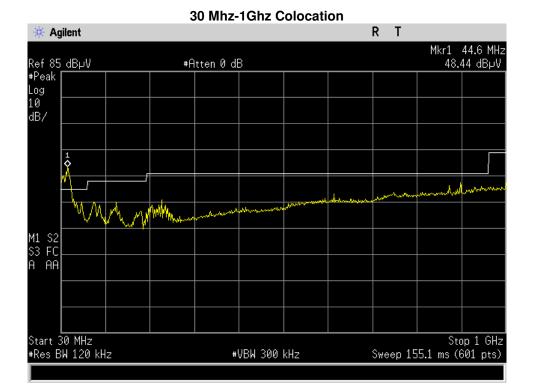


Annex B Radiated Spurious Emissions and Band Edge

Note: For Below 1GHz measurements a standby plot with the radio turned off has been included to show these emissions are not associated with the radio. Emissions were investigated up to 26 GHz but only noise floor was measured.

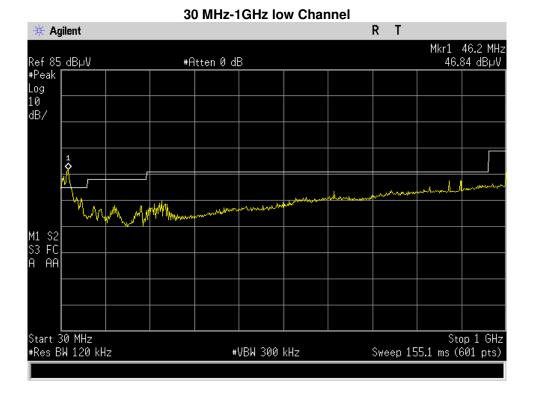




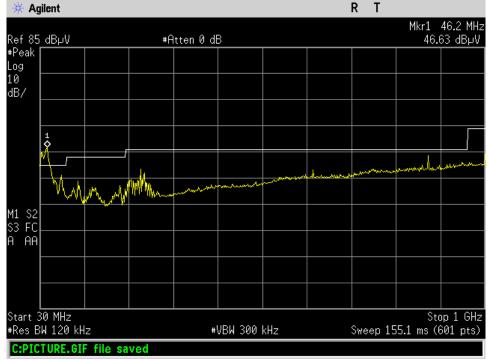


30 MHz-1GHz High Channel



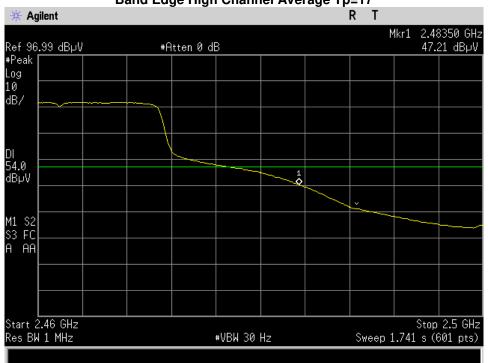


30 MHz-1GHz Mid Channel



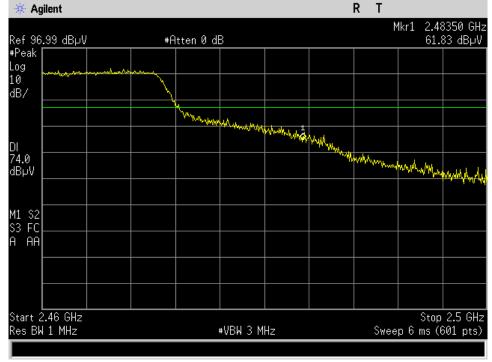
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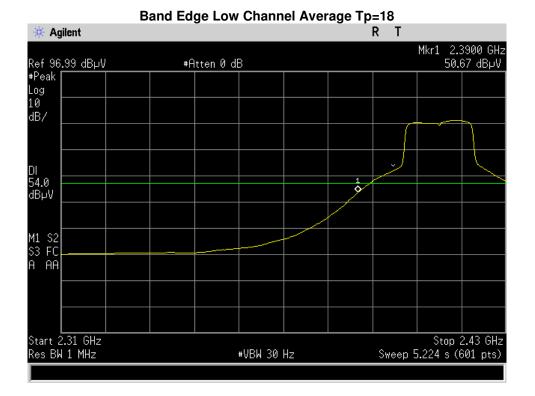


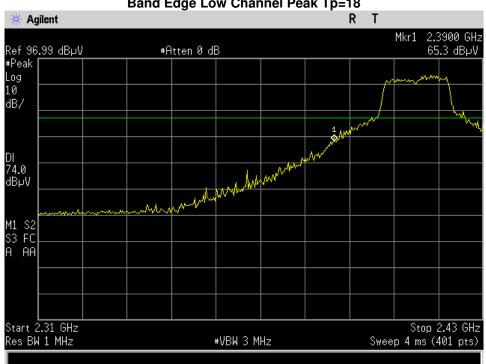
Band Edge High Channel Average Tp=17

Band Edge High Channel Peak Tp=17





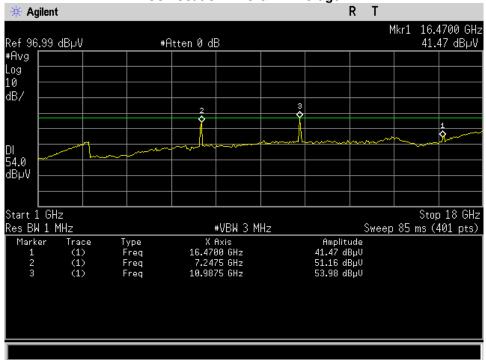




Band Edge Low Channel Peak Tp=18



The radio is capable of transmitting in the 5.8 GHz band while transmitting in the 2.4 GHz band. The plots below show compliance to 15.209 while both bands are being utilized. No additional spurs are seen.

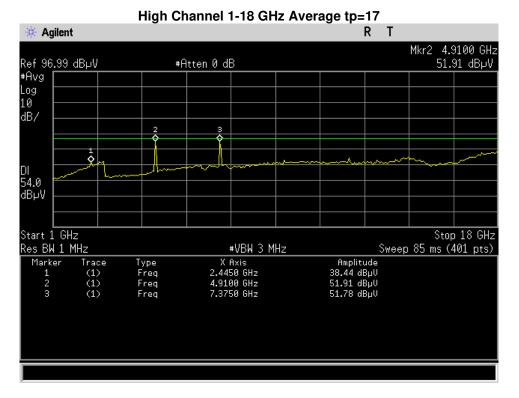


Co Location 1-18 GHz Average

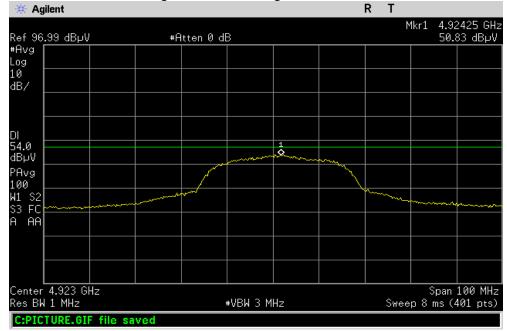
Co Location 1-18 GHz Peak

🔆 Agilent						RT						
Ref 96 <u>.99 dBµV</u> #F			Atten 0 dB					Mkr3 7.2475 GHz 61.32 dBµV				
#Peak												
Log 10												
dB/			3		2 •				1			
			`		<u></u> #							
	- 4		m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	All		- marine		June			
DI												
DI 74.0												
dBµV ├──												
	Start 1 GHz Stop 18 GHz											
Res BW 1 MHz			#VBW 3 MHz				Sweep 85 ms (401 pts)					
Marker 1			X Axis 16.5125 GHz			Amplitu 56.2 dB						
2	. (1) Freq ! (1) Freq		11.030			64.44 dE						
3	2 (1) Freq 3 (1) Freq			'5 GHz		61.32 dE						

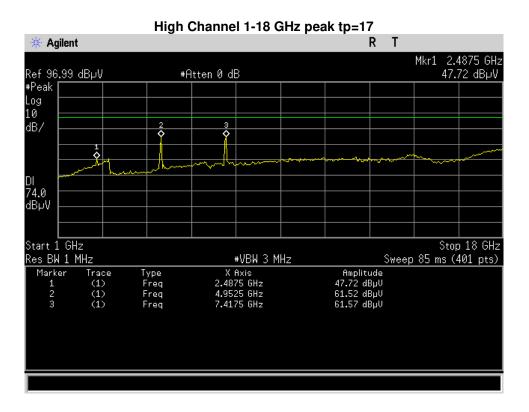


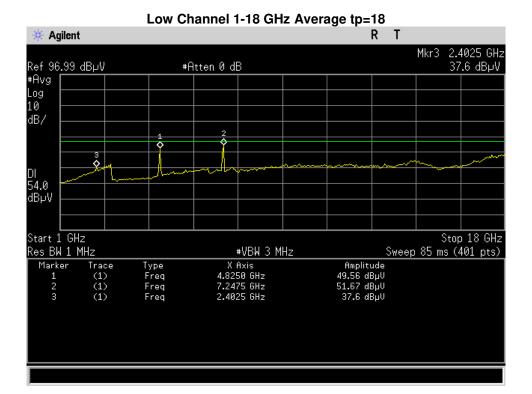


High Channel Average at 4.92 GHz







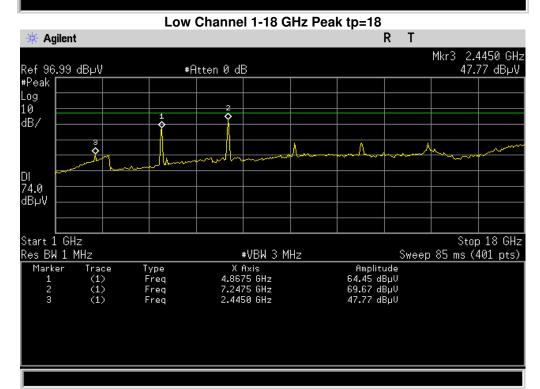


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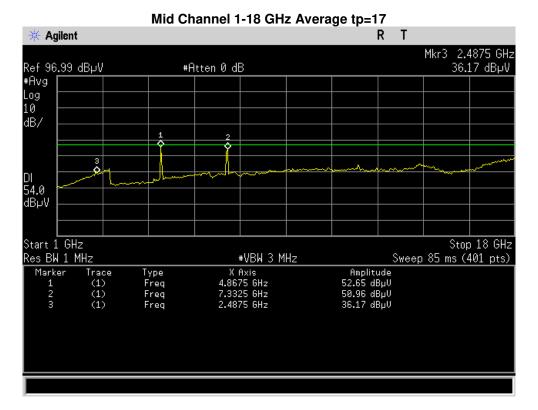


Low Channel average at 4.823 GHZ											
🔆 Agilent						R	Т				
							ł	Mkr1		350 GHz	
Ref 96.99 dBµV	#A	#Atten 0 dB							47.0	l6 dBµV	
#Avg											
Log											
dB/											
DI											
iBµV				ŧ.							
PAvg		ر میر می	and the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and the						
41 S2		~									
53 FC	~~~~~							p	~~~~		
A AA											
						\square					
Center 4.824 GHz								S	pan 🗄	LOO MHz	
Res BW 1 MHz		₩VBW 3 MHz				Sweep 8 ms (401 pts)					

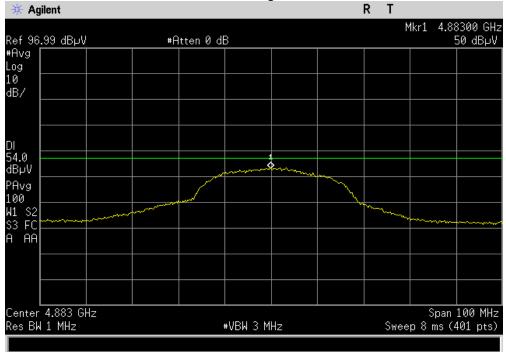
Low Channel average at 4.823 GHz



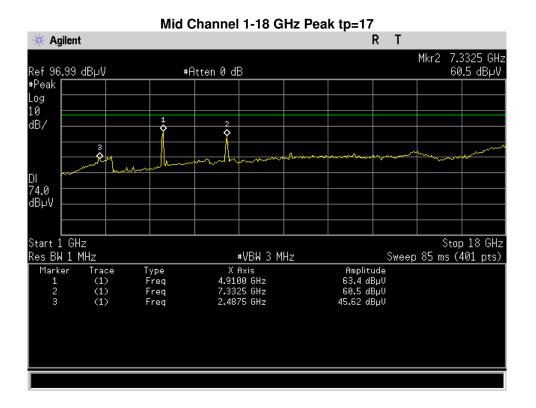


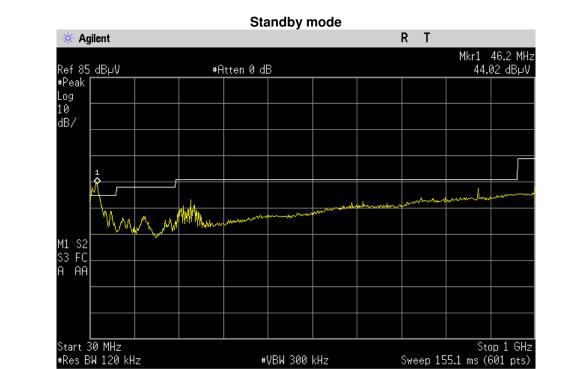












#VBW 300 kHz

#Res BW 120 kHz

C:PICTURE.GIF file saved