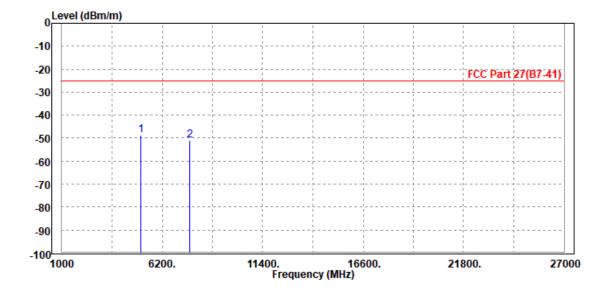


# **CHANNEL BANDWIDTH: 20MHz / QPSK**

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter				
TESTED BY	Star Le	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

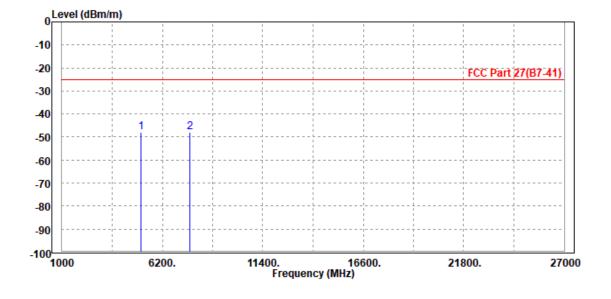
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 2	5082.000 7605.000							Horizontal Horizontal





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter				
TESTED BY	Star Le	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 2	5082.000 7605.000							Vertical Vertical

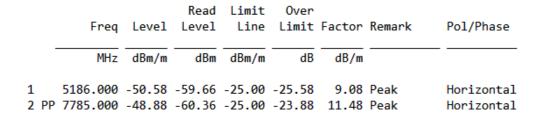


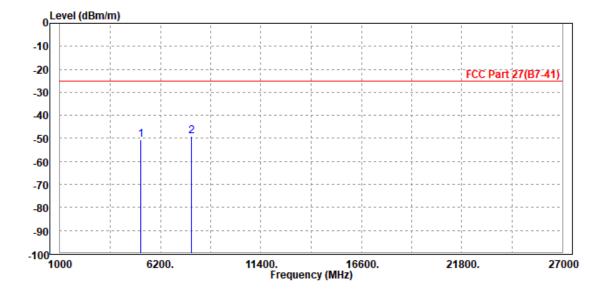


## LTE Band 38

#### **CHANNEL BANDWIDTH: 5MHz / QPSK**

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

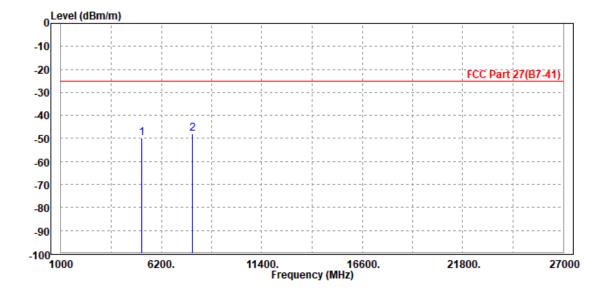






MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter					
TESTED BY	Star Le	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								

		Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 F		5186.000 7785.000							Vertical Vertical

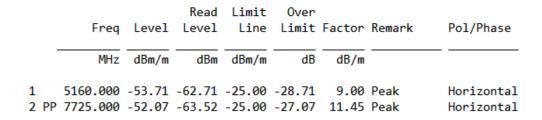


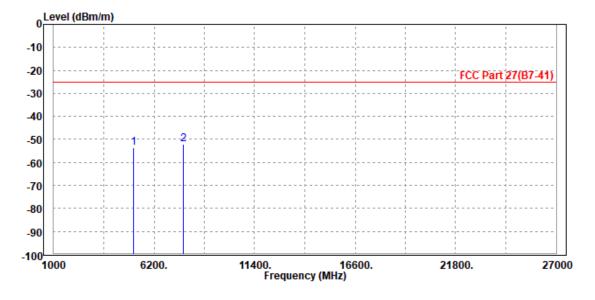


## **CHANNEL BANDWIDTH: 10MHz / QPSK**

#### **CH 37800**

MODE	TX channel 37800	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

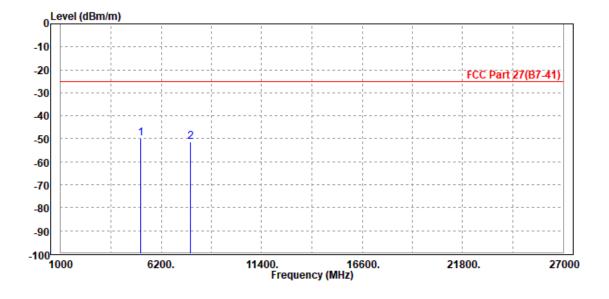






MODE	TX channel 37800	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5160.000 7725.000							Vertical Vertical



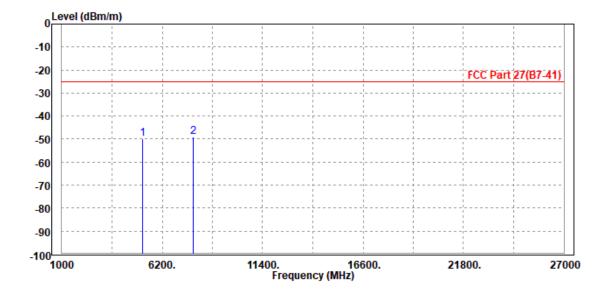
Email: <a href="mailto:customerservice.dg@cn.bureauveritas.com">customerservice.dg@cn.bureauveritas.com</a>



## **CH 38000**

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

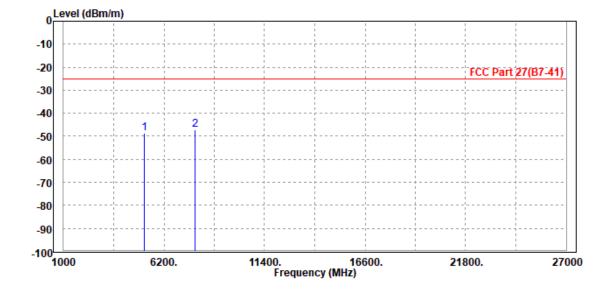
	F	1 1		Limit		F+	DI-	D-1 /Db
	Freq	revei	revei	Line	Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5186.000	-49.92	-59.00	-25.00	-24.92	9.08	Peak	Horizontal
2 PP	7785.000	-48.96	-60.44	-25.00	-23.96	11.48	Peak	Horizontal





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter				
TESTED BY	TESTED BY Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5186.000 7785.000							Vertical Vertical

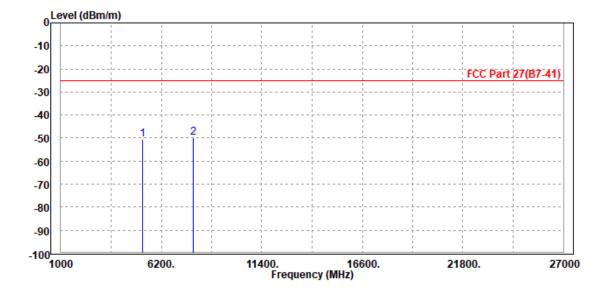




## CH 38200

MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

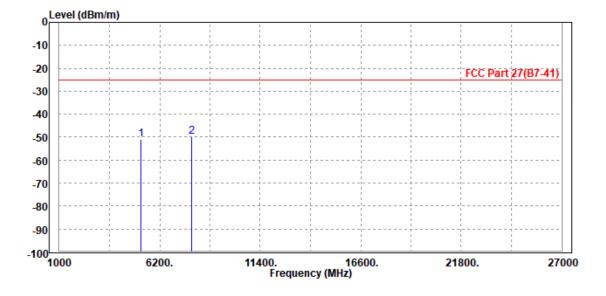
Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
5238.000 7845.000							Horizontal Horizontal





MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter				
TESTED BY	TESTED BY Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2	5238.000 PP 7845.000							Vertical Vertical

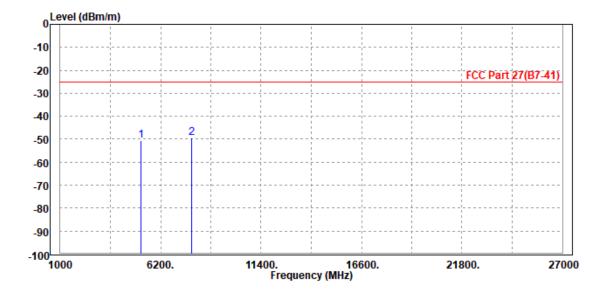




## **CHANNEL BANDWIDTH: 15MHz / QPSK**

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

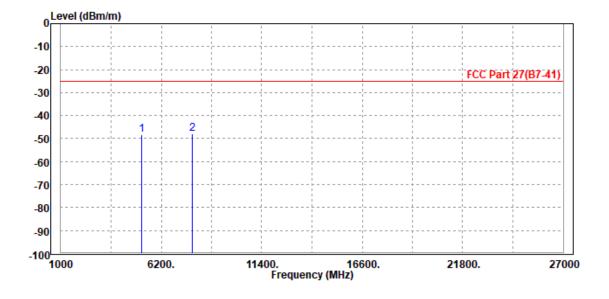
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5186.000 7785.000							Horizontal Horizontal





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5186.000 7785.000							Vertical Vertical

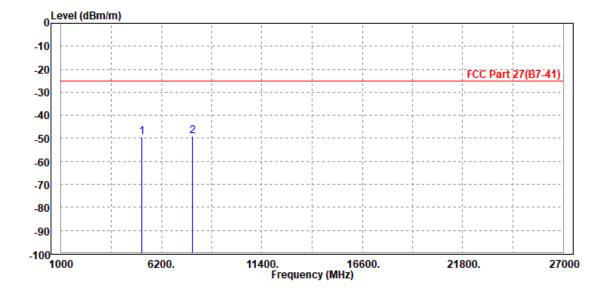




## **CHANNEL BANDWIDTH: 20MHz / QPSK**

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC5V/9V/10V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

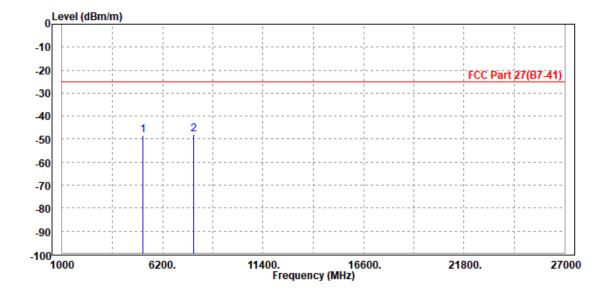
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PI	5186.000 P 7785.000							Horizontal Horizontal





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPUI POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Star Le				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5186.000 7785.000							Vertical Vertical

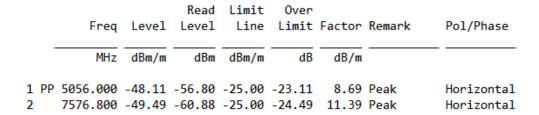


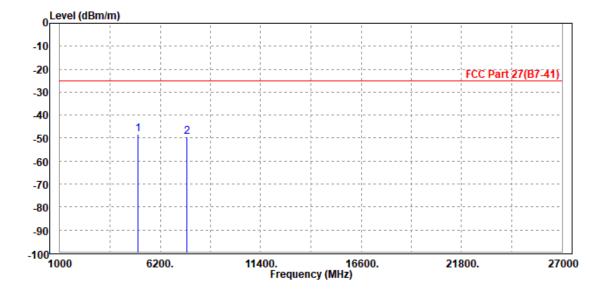


## LTE Band CA \_7C

## **CHANNEL BANDWIDTH: 10 MHz + 20MHz**

MODE	TX channel PCC 21006	FREQUENCY RANGE	Above 1000MHz	
WODE	TX channel SCC 21150	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter	
TESTED BY	Tony			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M				

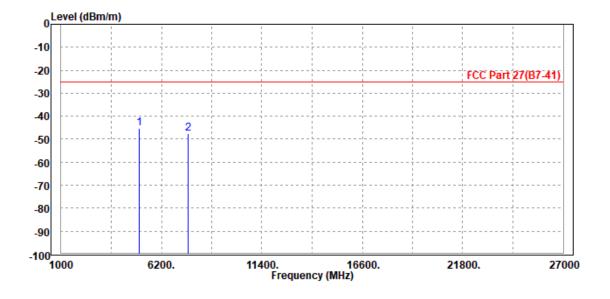






MODE	TX channel PCC 21006	FREQUENCY RANGE	Abovo 1000M⊟-	
WODE	TX channel SCC 21150	PREQUENCT RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter	
TESTED BY	Tony			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5056.000 7576.800							Vertical Vertical



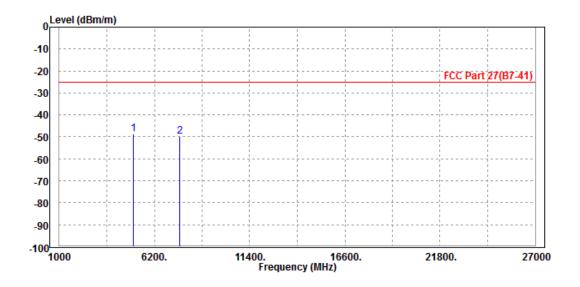
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# **CHANNEL BANDWIDTH: 15MHz + 10MHz**

MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz	
MODE	TX channel SCC 21171	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter	
TESTED BY	Tony			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M				

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5056.000 7590.300							Horizontal Horizontal

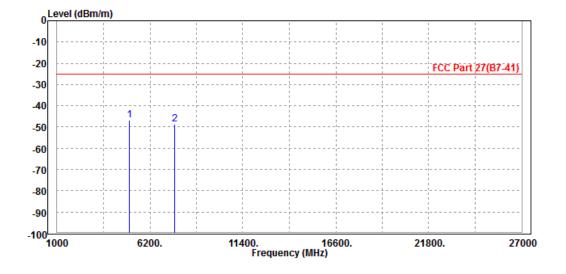


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MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz	
WODE	TX channel SCC 21171	PREQUENCT RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter	
TESTED BY	Tony			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				

Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5056.000 2 7590.300							Vertical Vertical

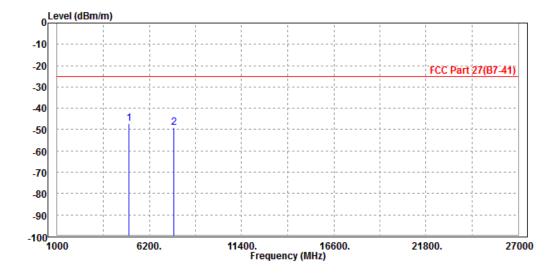




# **CHANNEL BANDWIDTH: 15MHz + 15MHz**

MODE	TX channel PCC 21025	FREQUENCY RANGE	Above 1000MHz	
MODE	TX channel SCC 21175	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter	
TESTED BY	Tony			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M				

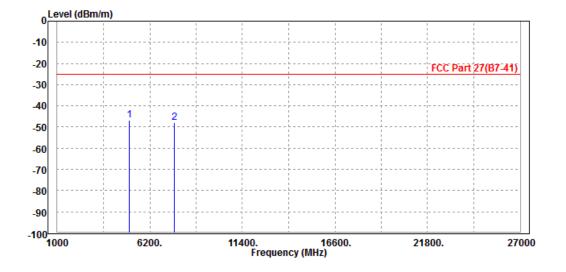
Read Limit Over	
Freq Level Level Line Limit Facto	or Remark Pol/Phase
MHz dBm/m dBm dBm/m dB dB	/m
,,,	
1 PP 5056.000 -47.15 -55.84 -25.00 -22.15 8.0	69 Peak Horizontal
111 30301000 47.113 33.04 23.00 22.113	75 Teak Horizontal
2 7582.500 -49.15 -60.54 -25.00 -24.15 11.3	39 Peak Horizontal





MODE	TX channel PCC 21025	FREQUENCY RANGE	Abovo 1000MHz	
WODE	TX channel SCC 21175	PREQUENCT RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter	
TESTED BY	Tony			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				

			Read	Limit	0ver			
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	5056.000	-46.61	-56.49	-25.00	-21.61	9.88	Peak	Vertical
2	7582.500	-47.89	-60.66	-25.00	-22.89	12.77	Peak	Vertical

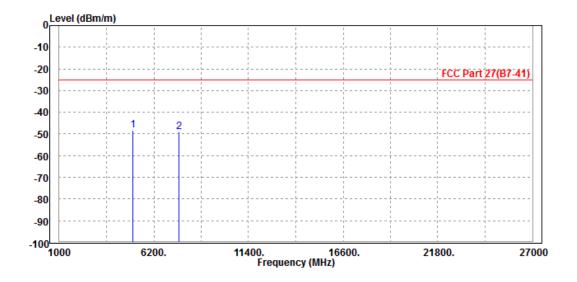




## **CHANNEL BANDWIDTH: 15MHz + 20MHz**

MODE	TX channel PCC 21003	FREQUENCY RANGE	Above 1000MHz			
MODE	TX channel SCC 21174	FREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	123ded (: /0%RH   INPIII POWER		DC5V/9V/10V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

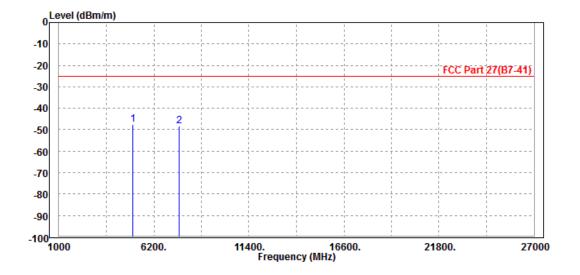
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	——dB	dB/m		
1 PP 2	5056.000 7575.900							Horizontal Horizontal





MODE	TX channel PCC 21003	FREQUENCY RANGE	Above 1000MHz				
WIODE	TX channel SCC 21174	FREQUENCY RANGE	Above 1000IVIHZ				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	DC5V/9V/10V/12V from adapter					
TESTED BY	Tony	Tony					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

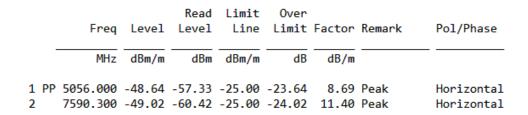
Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5056.000 2 7575.900							Vertical Vertical

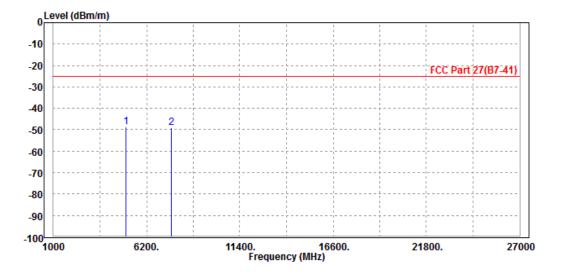




## **CHANNEL BANDWIDTH: 20MHz + 10MHz**

MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21195	FREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	123ded C. 70%RH INPUT POWER		DC5V/9V/10V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

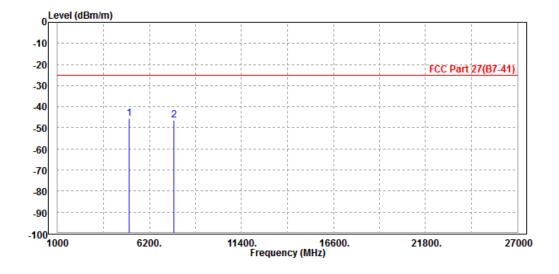






MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 21195	PREQUENCT RANGE					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	leg. C, 70%RH					
TESTED BY	Tony	Tony					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
 5056.000 7590.300							Vertical Vertical

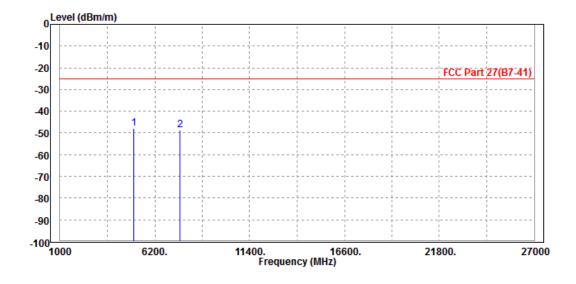




# **CHANNEL BANDWIDTH: 20MHz + 15MHz**

MODE	TX channel PCC 21026	FREQUENCY RANGE	Above 1000MHz				
MODE	TX channel SCC 21197	FREQUENCY RANGE					
ENVIRONMENTAL CONDITIONS	123ded C: /0%RH   INPUT POWER		DC5V/9V/10V/12V from adapter				
TESTED BY	Tony	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

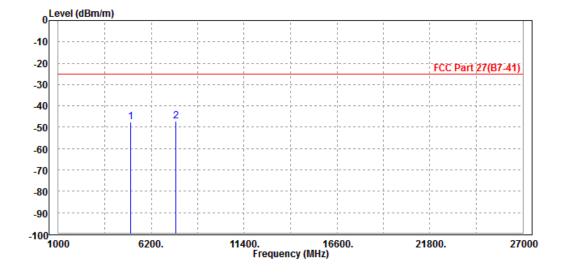
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PI	7582.800							Horizontal Horizontal





MODE	TX channel PCC 21026	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 21197	PREQUENCT RANGE					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	DC5V/9V/10V/12V from adapter					
TESTED BY	Tony	Tony					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5056.000 7582.800							Vertical Vertical

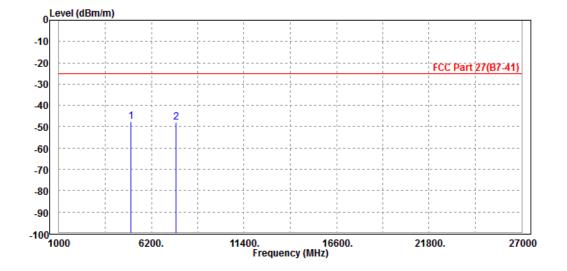




## **CHANNEL BANDWIDTH: 20MHz + 20MHz**

MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz		
MODE	TX channel SCC 21199	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Tony				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

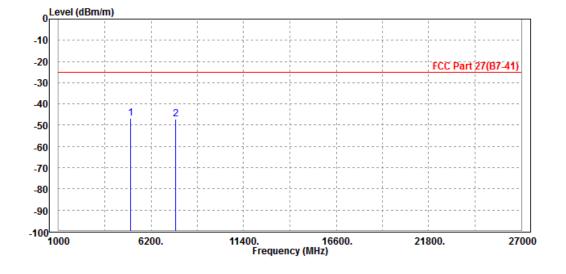
		Read	Limit	0ver			
Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5056.000	-47.50	-56.19	-25.00	-22.50	8.69	Peak	Horizontal
2 7575 300	47 70	EO 44	25 00	22 72	44 20	DI-	1121
2 7575.300	-4/./2	-59.11	-25.00	-22./2	11.39	reak	Horizontal





MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz		
MODE	TX channel SCC 21199	PREQUENCT RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Tony				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
5056.000 7575.300							Vertical Vertical

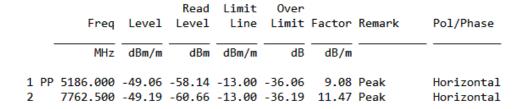


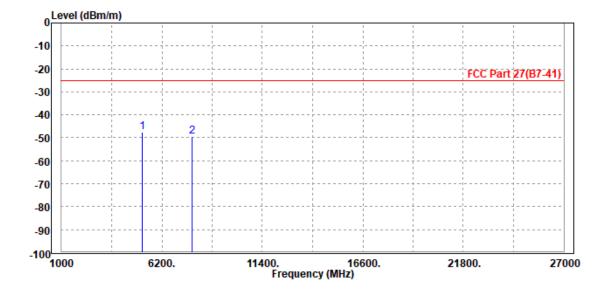


## LTE Band CA \_38C

## **CHANNEL BANDWIDTH: 15 MHz + 15MHz**

MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz		
	TX channel SCC 38075	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Tony				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					



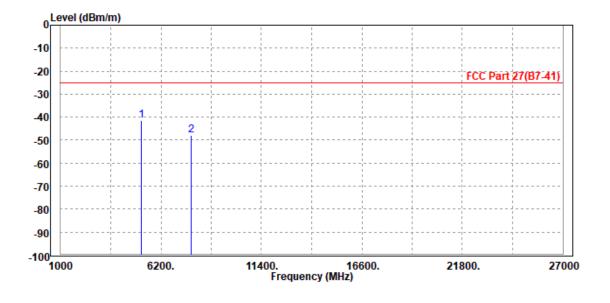


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MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz		
	TX channel SCC 38075	PREQUENCT RANGE			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Tony				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

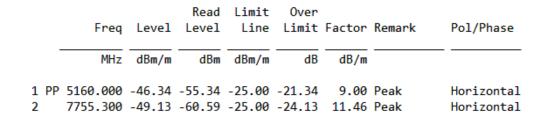
Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
5186.000 7762.500							Vertical Vertical

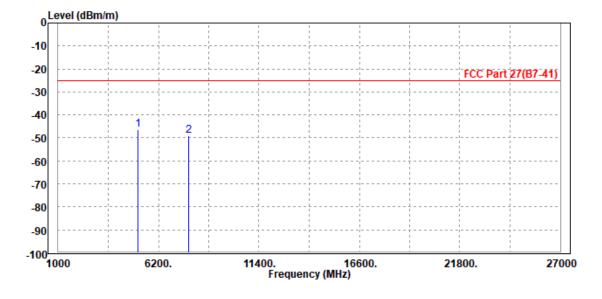




## **CHANNEL BANDWIDTH: 20MHz + 20MHz**

MODE	TX channel PCC 37901	FREQUENCY RANGE	Above 1000MHz		
MODE	TX channel SCC 38099	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Tony				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					



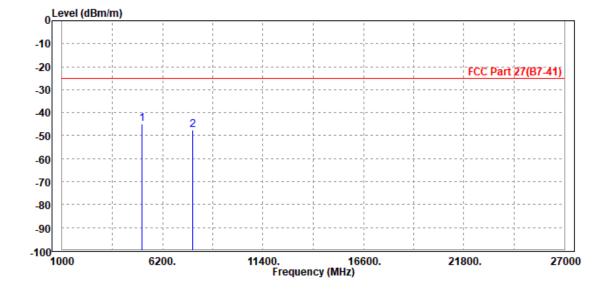


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MODE	TX channel PCC 37901	FREQUENCY RANGE	Above 1000MHz		
	TX channel SCC 38099	PREQUENCT RANGE			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC5V/9V/10V/12V from adapter		
TESTED BY	Tony				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

Freq	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5160.000 2 7755.300							Vertical Vertical



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## 4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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# 5 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

---END---