



3.7 RADIATED EMISSION MEASUREMENT

3.7.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 +10 log10(P) dB. The limit of emission is equal to -25dBm.

3.7.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- c. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution horn.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power 2.15dBi.

NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

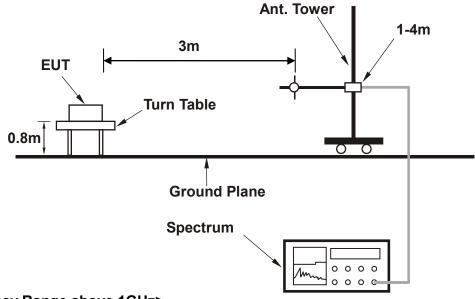
3.7.3 DEVIATION FROM TEST STANDARD

No deviation

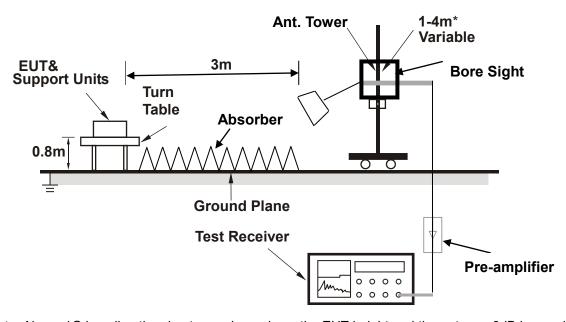


3.7.4 TEST SETUP

< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

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3.7.5 TEST RESULTS

WWAN-ANT-0

BELOW 1GHz WORST-CASE DATA

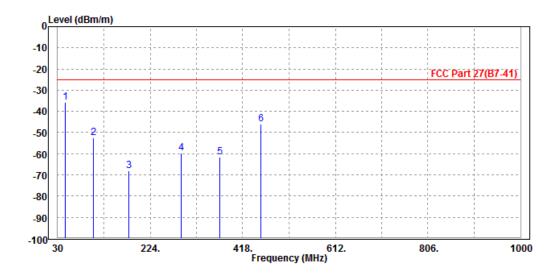
30 MHz - 1GHz data:

LTE Band 7

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 21100	nannel 21100 FREQUENCY RANGE							
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter						
TESTED BY	STED BY Star Le								
ANTENN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								

	Freq	Level	Read Level	Limit Line		Factor	Remark	Pol/Phase
_	MHz	dBm/m	dBm	dBm/m	——dB	dB/m		
1 PP	46.310	-35.82	-42.32	-25.00	-10.82	6.50	Peak	Horizontal
2	105.250	-52.61	-40.36	-25.00	-27.61	-12.25	Peak	Horizontal
3	178.560	-67.94	-50.13	-25.00	-42.94	-17.81	Peak	Horizontal
4	289.630	-59.60	-45.28	-25.00	-34.60	-14.32	Peak	Horizontal
5	369.750	-61.62	-50.15	-25.00	-36.62	-11.47	Peak	Horizontal
6	455.230	-45.90	-35.48	-25.00	-20.90	-10.42	Peak	Horizontal

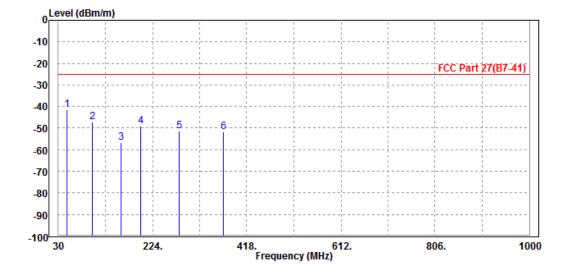


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MODE	TX channel 21100	FREQUENCY RANGE	Below 1000MHz					
ENVIRONMENTAL CONDITIONS 23deg. C, 70%RH		INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	FESTED BY Star Le							
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								

	Freq	Level		Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP					-16.37 -22.17			Vertical Vertical
3	158.740	-56.68	-41.32	-25.00	-31.68	-15.36	Peak	Vertical
4 5	199.630 278.510							Vertical Vertical
6	369.850	-51.61	-40.57	-25.00	-26.61	-11.04	Peak	Vertical





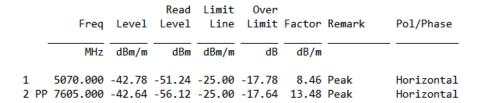
ABOVE 1GHz

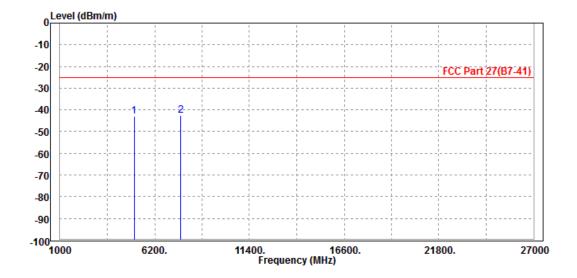
Note: For higher frequency, the emission is too low to be detected.

LTE Band 7

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter					
TESTED BY	Star Le							
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								

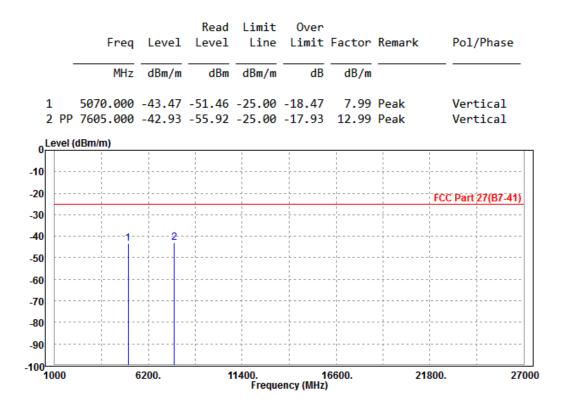




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MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS 23deg. C, 70%RH		INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	TESTED BY Star Le							
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								



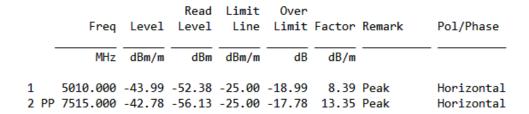
Email: customerservice.dg@cn.bureauveritas.com

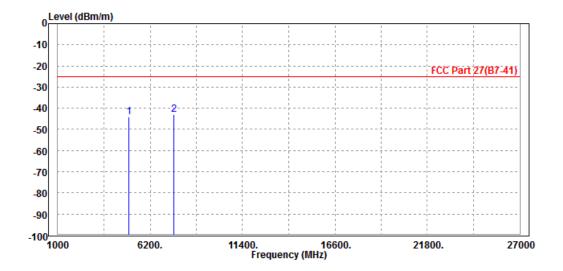


CHANNEL BANDWIDTH: 10MHz / QPSK

CH 20800

MODE	TX channel 20800	FREQUENCY RANGE						
ENVIRONMENTAL CONDITIONS	123ded C: 70%RH		DC 5V/9V/12V from adapter					
TESTED BY	TESTED BY Star Le							
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								



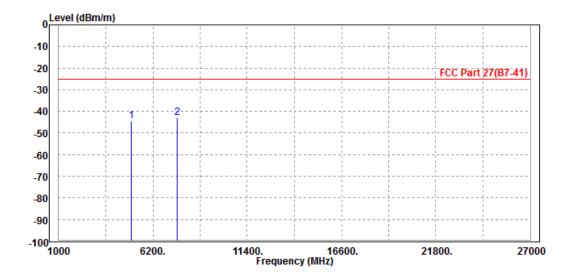


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MODE	TX channel 20800	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	TESTED BY Star Le							
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								

	Freq	Level		Limit Line		Factor	Remark	Pol/Phas	e
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m			_
	5010.000 7515.000							Vertical Vertical	

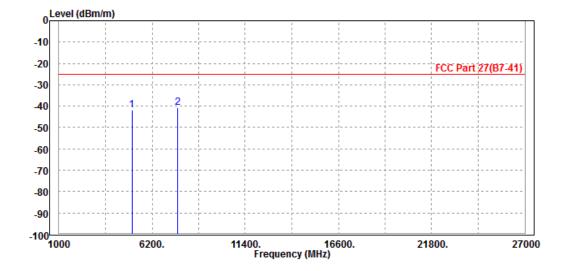




CH 21100

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/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	PP	5070.000 7605.000							Horizontal Horizontal

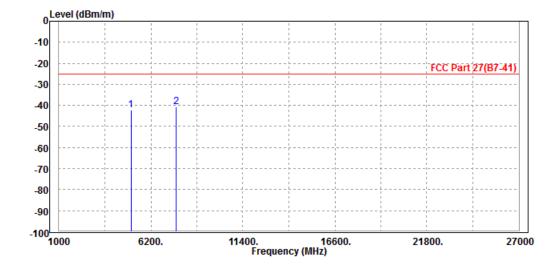


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MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	TESTED BY Star Le							
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5070.000 7605.000							Vertical Vertical

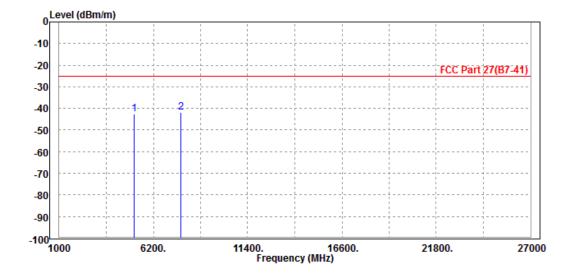




CH 21400

MODE	TX channel 21400	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

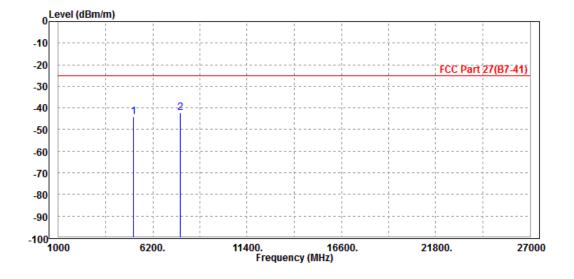
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PF	5130.000 7695.000							Horizontal Horizontal





MODE	TX channel 21400	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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	5130.000 7695.000							Vertical Vertical

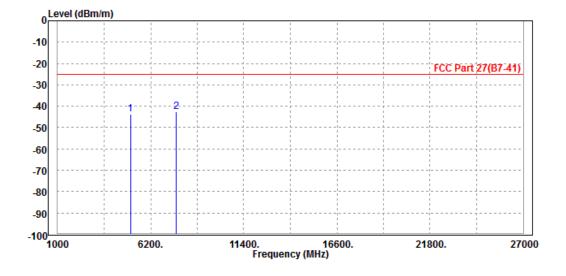




CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 21100 FREQUENCY RANGE		Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	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	PP	5070.000 7605.000							Horizontal Horizontal

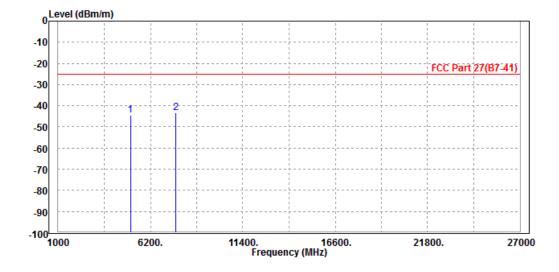


Avenue, North Area, Hi-Tech Industrial Park, Nanshan



MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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 P	5070.000 P 7605.000							Vertical Vertical



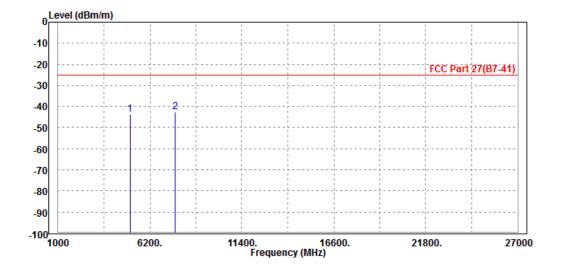
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CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH		DC 5V/9V/12V from adapter			
TESTED BY	TESTED BY Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

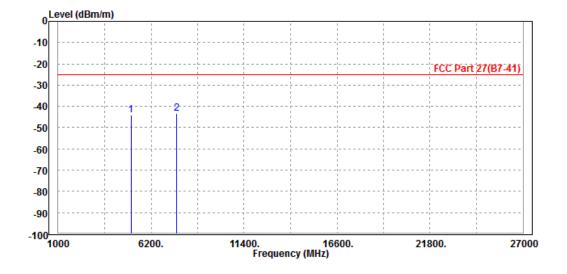
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5070.000 7605.000							Horizontal Horizontal





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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	5070.000 7605.000							Vertical Vertical



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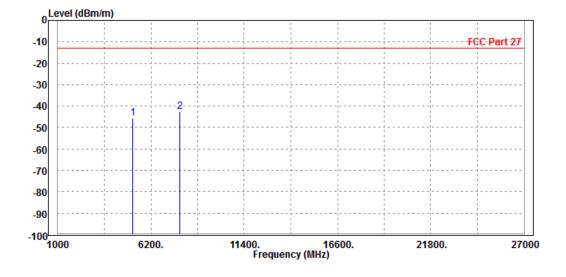


LTE Band 38

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 38000 FREQUENCY RANG		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIIT POWER	DC 5V/9V/12V from adapter			
TESTED BY Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

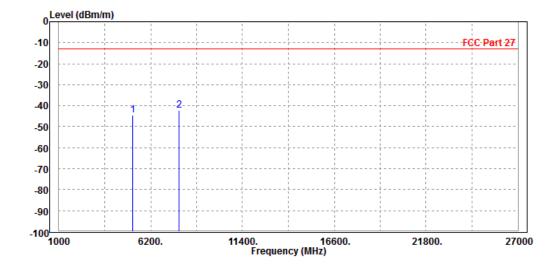
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5186.000 7785.000							Horizontal Horizontal





MODE	TX channel 38000	channel 38000 FREQUENCY RANGE					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH INPUT POWER		DC 5V/9V/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 F	5186.000 P 7785.000							Vertical Vertical	



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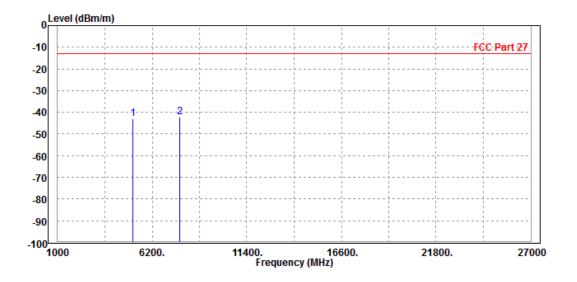


CHANNEL BANDWIDTH: 10MHz / QPSK

CH 37800

MODE	TX channel 37800 FREQUENCY RANGE		Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIIT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

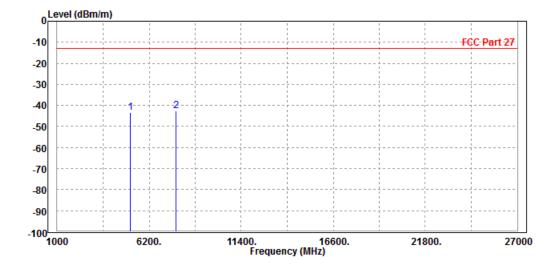
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5160.000 7725.000							Horizontal Horizontal





MODE	TX channel 37800	nel 37800 FREQUENCY RANGE					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	deg. C, 70%RH INPUT POWER					
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

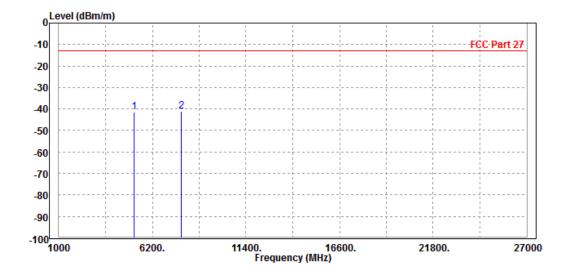




CH 38000

MODE	TX channel 38000 FREQUENCY RANGE		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIIT POWER	DC 5V/9V/12V from adapter			
TESTED BY Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

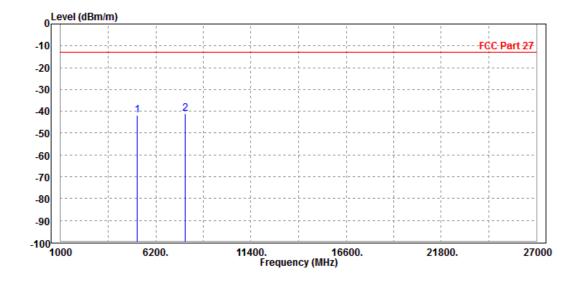
	Freq	R Freq Level Le			Over Limit			k Pol/Phase	
	MHz	dBm/m	dBm	dBm/m	dB	dB/m			
1 2	5186.000 PP 7785.000							Horizontal Horizontal	





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	, 70%RH INPUT POWER					
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		5186.000 7785.000							Vertical Vertical

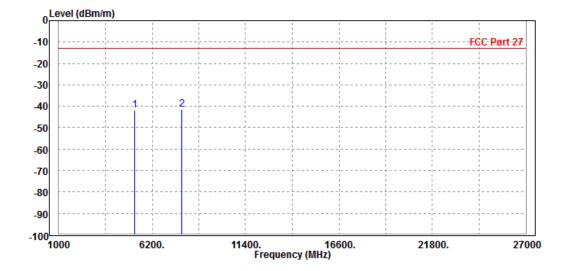




CH 38200

MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

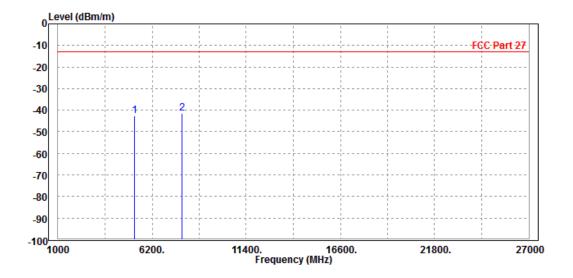
			Read	Limit	0ver			
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
_	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
				-				
1	5238.000	-41.72	-50.37	-13.00	-28.72	8.65	Peak	Horizontal
2 PP	7845.000	-41.60	-55.42	-13.00	-28.60	13.82	Peak	Horizontal





MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

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

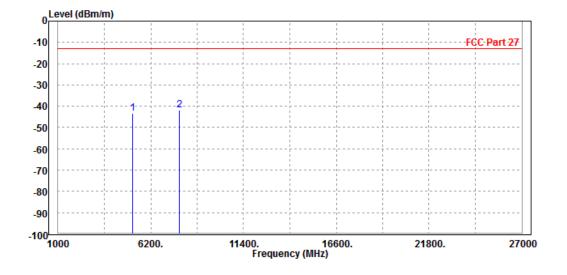




CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	TESTED BY Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

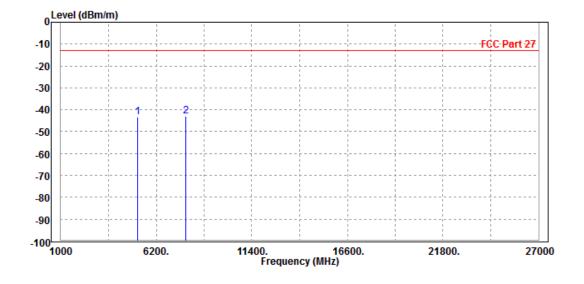
	Frea	Level		Limit		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5186.000							Horizontal
2	PP 7785.000	-41.93	-55.67	-13.00	-28.93	13.74	Peak	Horizontal





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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

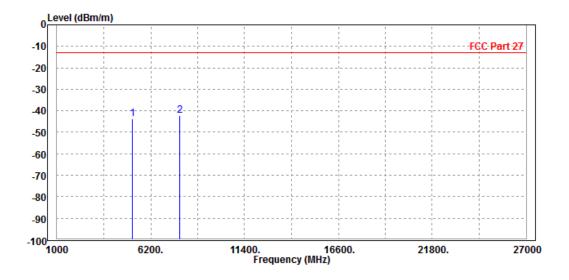




CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	TESTED BY Star Le					
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	5186.000	-43.72	-52.31	-13.00	-30.72	8.59	Peak	Horizontal
2 PP	7785.000	-42.22	-55.96	-13.00	-29.22	13.74	Peak	Horizontal

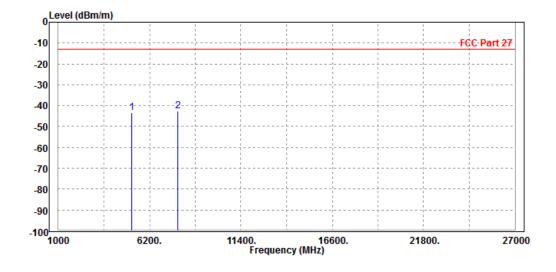


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MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

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



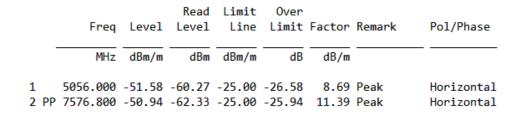
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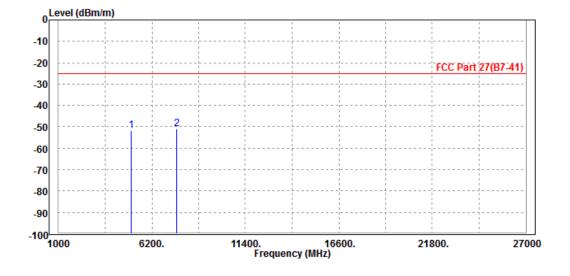


LTE Band CA_7C

CHANNEL BANDWIDTH: 10 MHz + 20MHz

MODE	TX channel PCC 21006	FREQUENCY RANGE	Abovo 1000MH -			
WODE	TX channel SCC 21150	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

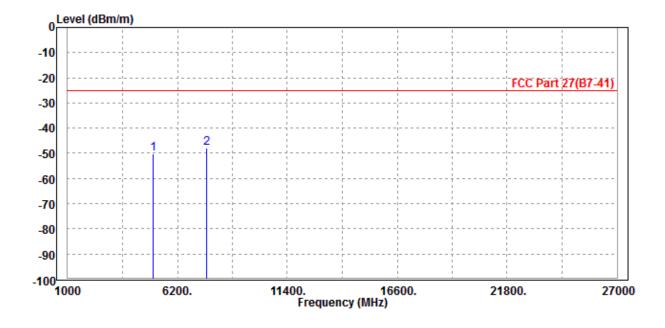






MODE	TX channel PCC 21006	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21150	PREQUENCT RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5056.000 7576.800							Vertical Vertical

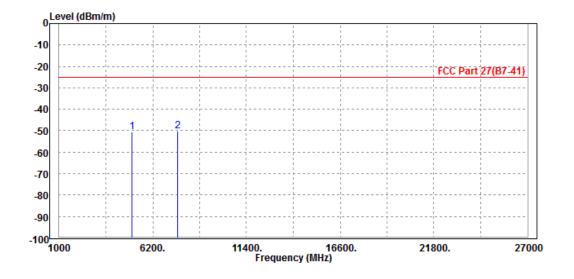




CHANNEL BANDWIDTH: 15MHz + 10MHz

MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21171	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

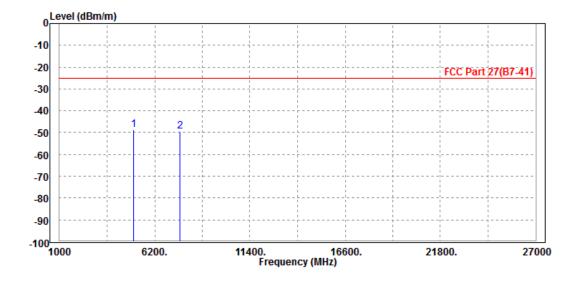
			Read	Limit	0ver			
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5056.000	-50.46	-59.15	-25.00	-25.46	8.69	Peak	Horizontal
2 P	P 7590.000	-50.18	-61.58	-25.00	-25.18	11.40	Peak	Horizontal





MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21171	PREQUENCT RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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



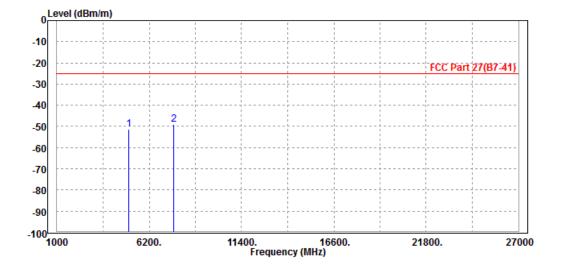
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CHANNEL BANDWIDTH: 15MHz + 15MHz

MODE	TX channel PCC 21025	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21175	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

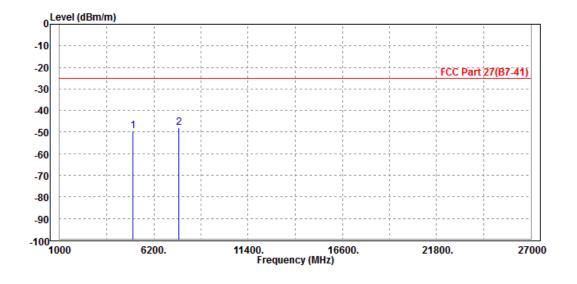
		Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	5056.000 7582.500							Horizontal Horizontal





MODE	TX channel PCC 21025 FREQUENCY RANGE		Above 1000MHz			
MODE	TX channel SCC 21175	PREQUENCT RANGE	Above 1000MH2			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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 2 PP	5056.000 7582.500							Vertical Vertical

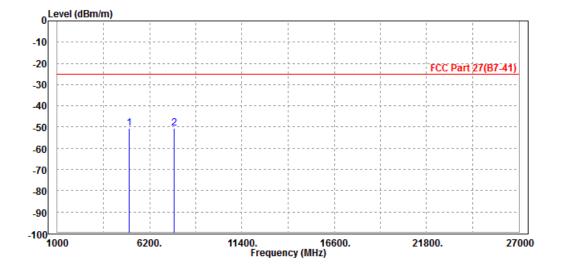




CHANNEL BANDWIDTH: 15MHz + 20MHz

MODE	TX channel PCC 21003	FREQUENCY RANGE	Above 1000MHz			
WIODE	TX channel SCC 21174	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	123deg C 70%RH		DC 5V/9V/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	5056.000 7575.900							Horizontal Horizontal

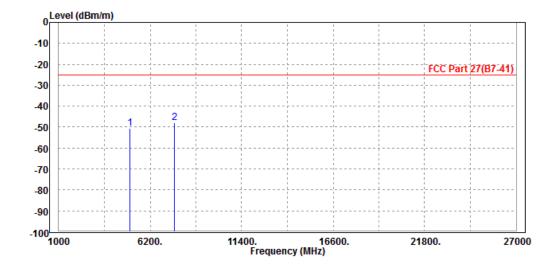


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MODE	TX channel PCC 21003	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21174	PREQUENCT RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

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

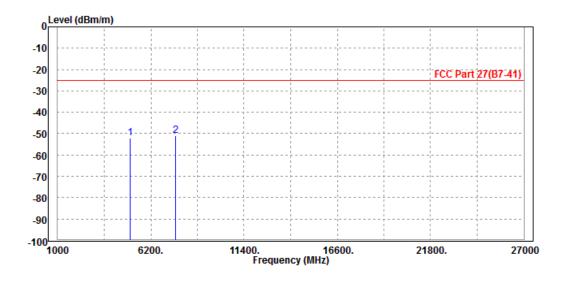




CHANNEL BANDWIDTH: 20MHz + 10MHz

MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21195	channel SCC 21195				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

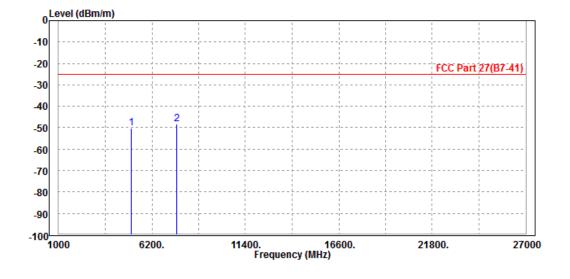
			Read	Limit	0ver			
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5056.000	-52.17	-60.86	-25.00	-27.17	8.69	Peak	Horizontal
2 PP	7590.000	-50.91	-62.31	-25.00	-25.91	11.40	Peak	Horizontal





MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz			
MODE	TX channel SCC 21195	PREQUENCT RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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 2 PP	5056.000 7590.000							Vertical Vertical

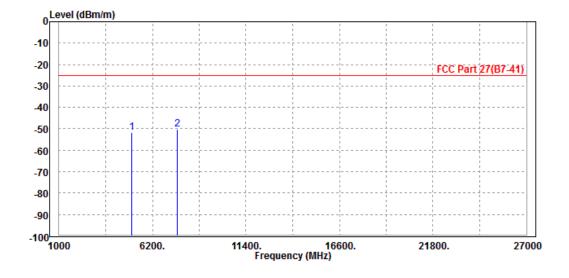




CHANNEL BANDWIDTH: 20MHz + 15MHz

MODE	TX channel PCC 21026	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21197	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

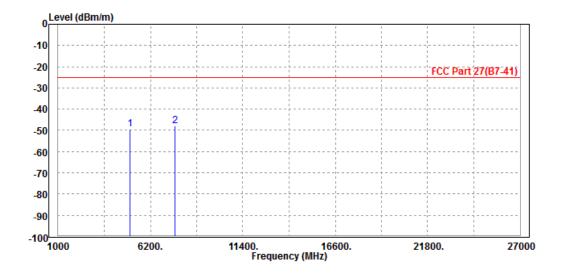
			Read	Limit	0ver			
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
_								
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5056.000	-51.65	-60.34	-25.00	-26.65	8.69	Peak	Horizontal
2 PP	7575.300	-50.05	-61.44	-25.00	-25.05	11.39	Peak	Horizontal





MODE	TX channel PCC 21026 FREQUENCY RANGE		Above 1000MHz				
WODE	TX channel SCC 21197	FREQUENCT RANGE	Above 1000IVIHZ				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	Tony	ony					
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	5056.000 7575.300							Vertical Vertical



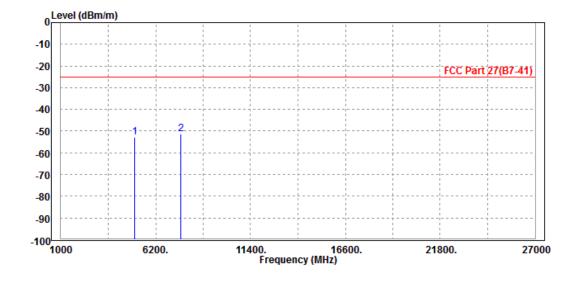
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CHANNEL BANDWIDTH: 20MHz + 20MHz

MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 21199	PREQUENCY RANGE	Above Toolivinz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	Tony	Tony 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	5050.200	-53.03	-61.70	-25.00	-28.03	8.67	Peak	Horizontal
2 PP	7575.300	-51.28	-62.67	-25.00	-26.28	11.39	Peak	Horizontal

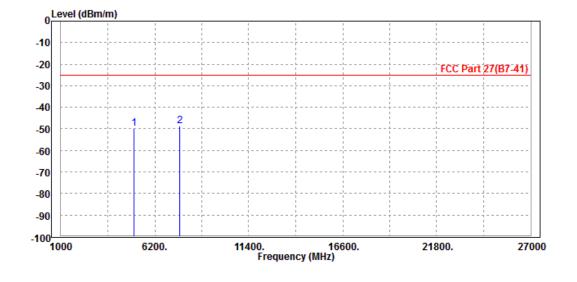


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MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 21199	FREQUENCT RANGE	Above 1000MH2				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Tony	ony					
ANTENNA POLARITY & TEST 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	5050.200 7575.300							Vertical Vertical

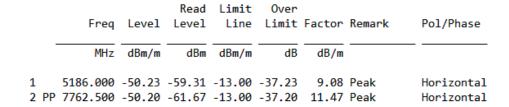


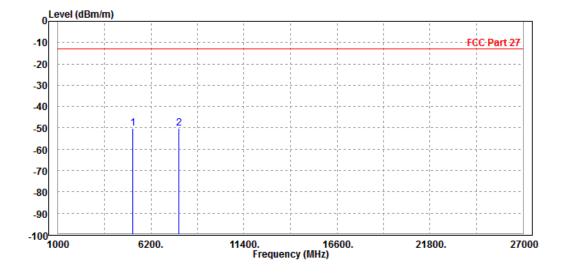


LTE Band CA _38C

CHANNEL BANDWIDTH: 15 MHz + 15MHz

MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 38075	PREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	Tony	ony					
ANTENN	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						



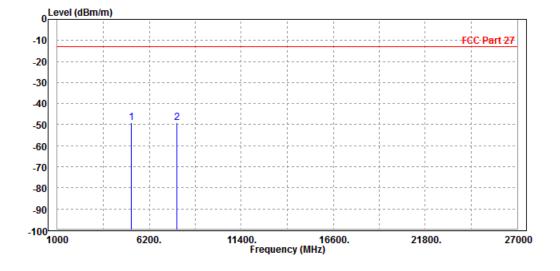


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MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 38075	PREQUENCT RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	Tony	ony .					
ANTENNA POLARITY & 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 7762.500							Vertical Vertical

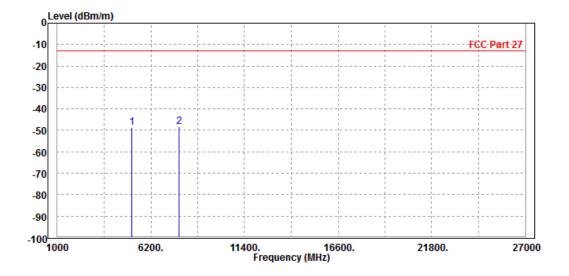




CHANNEL BANDWIDTH: 20MHz + 20MHz

MODE	TX channel PCC 37901 FREQUENCY RANGE		Above 1000MHz				
WODE	TX channel SCC 38099	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	Tony	Tony					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

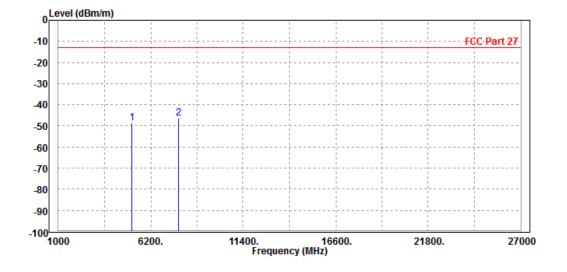
			Read	Limit	0ver			
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	5160.000	-48.52	-57.52	-13.00	-35.52	9.00	Peak	Horizontal
2 PP	7755.300	-48.43	-59.89	-13.00	-35.43	11.46	Peak	Horizontal





MODE	TX channel PCC 37901 FREQUENCY RANGE		Above 1000MHz				
WODE	TX channel SCC 38099	PREQUENCT RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Tony	ony					
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	5160.000 7755.300							Vertical Vertical





WWAN-ANT-1

BELOW 1GHz WORST-CASE DATA

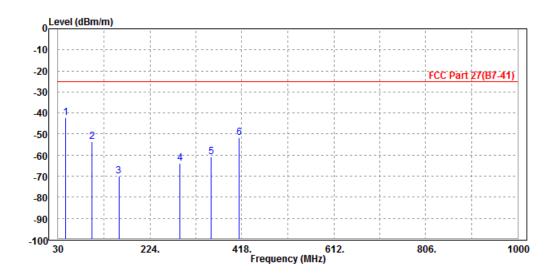
30 MHz - 1GHz data:

LTE Band 7

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Below 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENN	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	45.280	-42.07	-49.52	-25.00	-17.07	7.45	Peak	Horizontal
2	101.230	-53.76	-42.35	-25.00	-28.76	-11.41	Peak	Horizontal
3	158.210	-69.82	-51.23	-25.00	-44.82	-18.59	Peak	Horizontal
4	287.620	-64.04	-49.62	-25.00	-39.04	-14.42	Peak	Horizontal
5	352.610	-60.70	-48.65	-25.00	-35.70	-12.05	Peak	Horizontal
6	412.360	-51.70	-41.25	-25.00	-26.70	-10.45	Peak	Horizontal

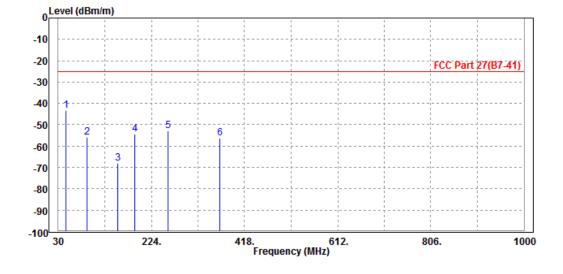


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MODE	TX channel 21100	FREQUENCY RANGE	Below 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase	
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m			-
1 PP 2 3 4 5 6		-55.85 -68.04 -54.35 -52.72	-45.32 -52.36 -42.35 -41.24	-25.00 -25.00 -25.00 -25.00	-29.35 -27.72	-10.53 -15.68 -12.00 -11.48	Peak Peak Peak Peak	Vertical Vertical Vertical Vertical	





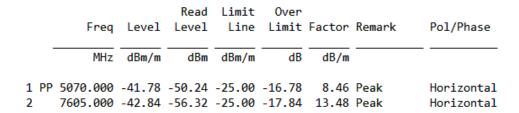
ABOVE 1GHz

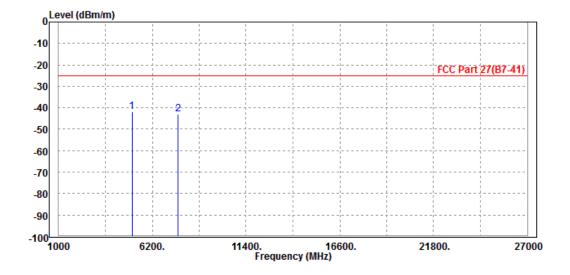
Note: For higher frequency, the emission is too low to be detected.

LTE Band 7

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							



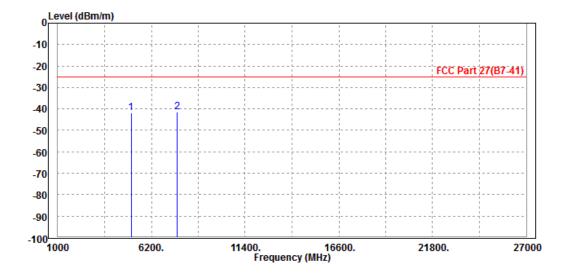


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MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	BY Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

		Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	5070.000 7605.000							Vertical Vertical



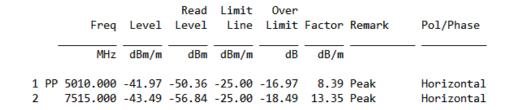
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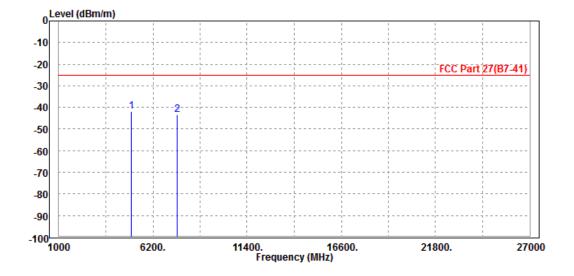


CHANNEL BANDWIDTH: 10MHz / QPSK

CH 20800

MODE	TX channel 20800	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	Star Le	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								

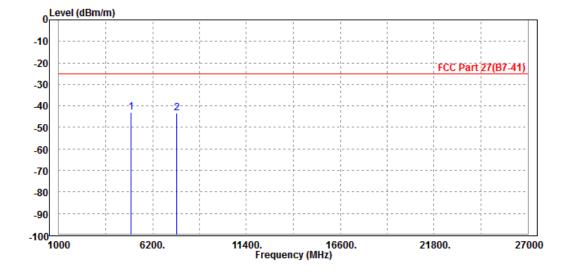






MODE	TX channel 20800	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	TESTED BY Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

	Freq	Level		Limit Line			Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5010.000 7515.000							Vertical Vertical



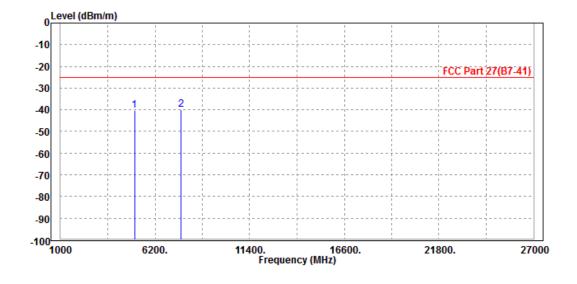
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CH 21100

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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 PP	5070.000 7605.000							Horizontal Horizontal

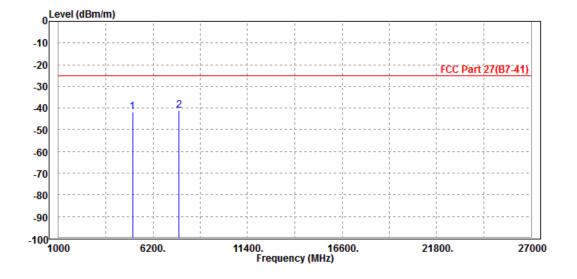


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MODE	TX channel 21100 FREQUENCY RANGE		Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPUI POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PP	5070.000 7605.000							Vertical Vertical

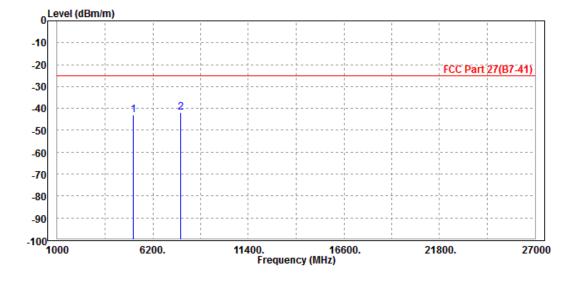




CH 21400

MODE	TX channel 21400 FREQUENCY RAI		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	TESTED BY Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

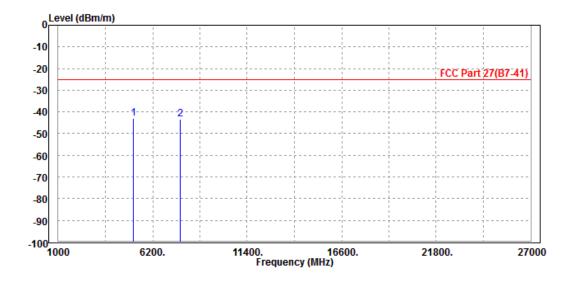
		Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1		5130.000 7695.000							Horizontal Horizontal





MODE	TX channel 21400	nnel 21400 FREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Star Le					
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	5130.000	-43.07	-51.06	-25.00	-18.07	7.99	Peak	Vertical
	3130.000		52.00		10.07		· cuit	
2	7695.000	-43.23	-56.38	-25.00	-18.23	13.15	Peak	Vertical

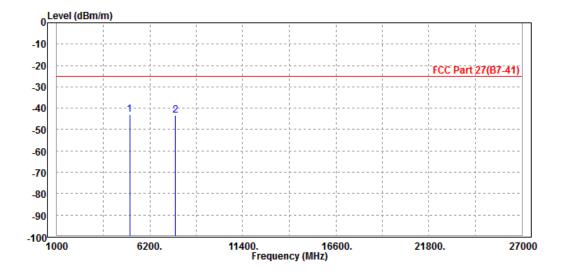




CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 21100	TX channel 21100 FREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	rested by Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

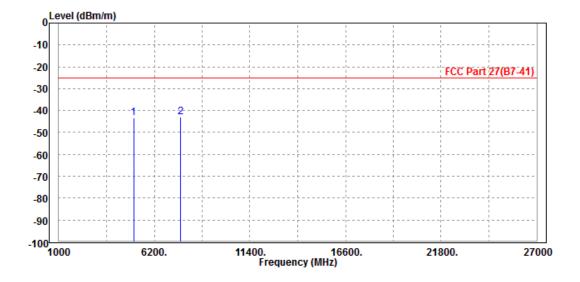
	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	5070.000 7605.000							Horizontal Horizontal





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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		5070.000 7605.000							Vertical Vertical



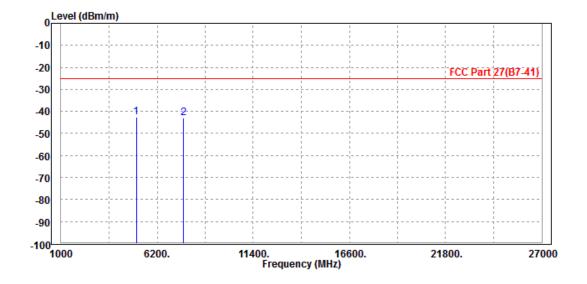
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CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 21100 FREQUENCY RA		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH		DC 5V/9V/12V from adapter			
TESTED BY	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 PF	5070.000 7605.000							Horizontal Horizontal

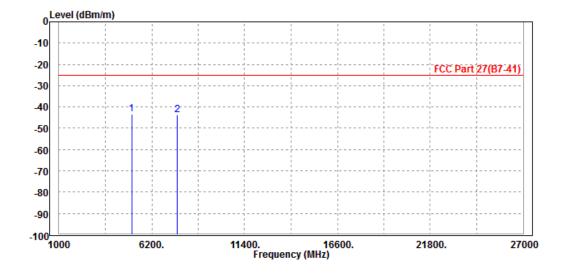


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MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PI	P 5070.000 7605.000							Vertical Vertical



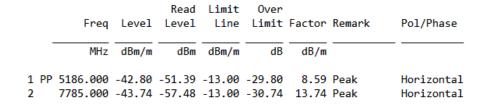
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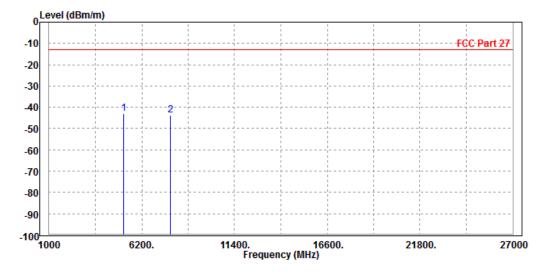


LTE Band 38

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							



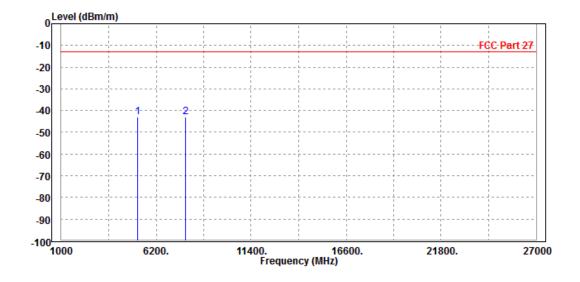


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MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							

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

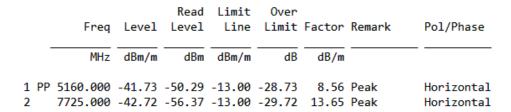


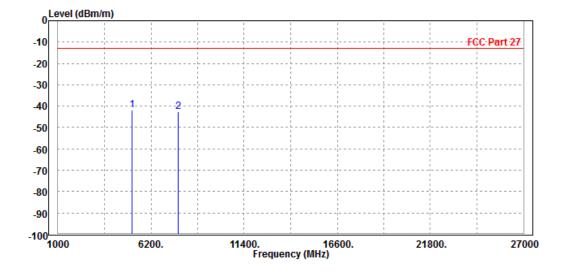


CHANNEL BANDWIDTH: 10MHz / QPSK

CH 37800

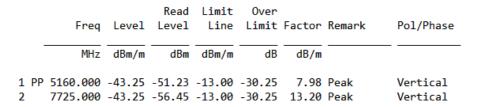
MODE	TX channel 37800	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

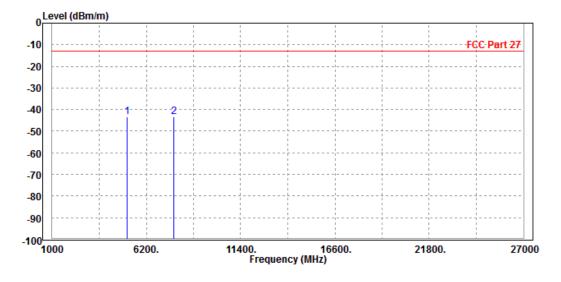






MODE	TX channel 37800	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIIT POWER	DC 5V/9V/12V from adapter					
TESTED BY	Star Le	Star Le						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								



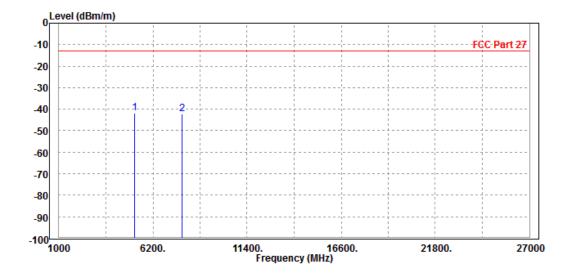




CH 38000

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter				
TESTED BY	Star Le						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

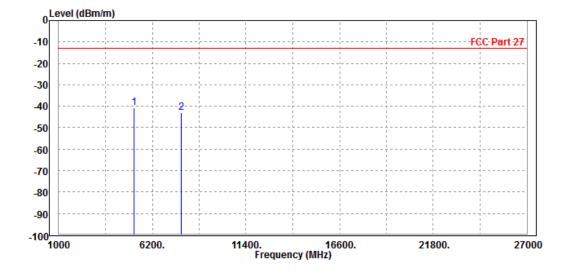
		Read	Limit	0ver			
Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
·							
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
2	u.c,		u.c,		u.,		
1 PP 5186.000	/11 77	50.36	13 00	29 77	8 50	Dook	Horizontal
1 FF 3100.000	-41.//	-50.50	-13.00	-20.//	0.55	reak	HOPIZOHCAI
2 7785.000	-42.11	-55.85	-13.00	-29.11	13.74	Peak	Horizontal





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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 PP 5186.000 2 7785.000							Vertical Vertical



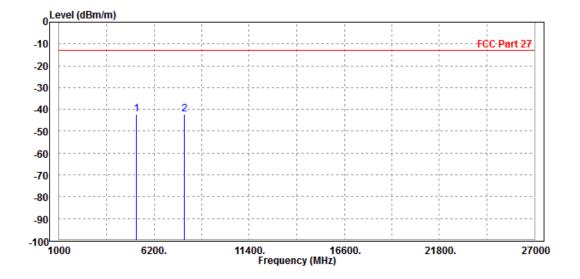
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CH 38200

MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

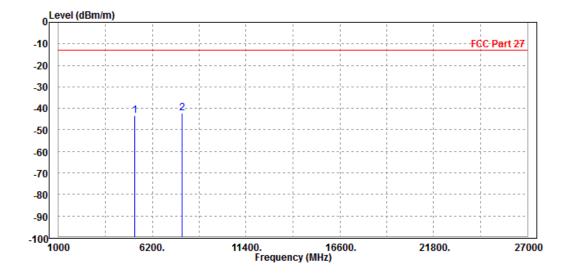
	Frea	Level	 Limit Line	 Factor	Remark	Pol/Phase
-			 dBm/m	 		
	5238.000 7845.000		 			Horizontal Horizontal





MODE	TX channel 38200	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/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		5238.000 7845.000							Vertical Vertical



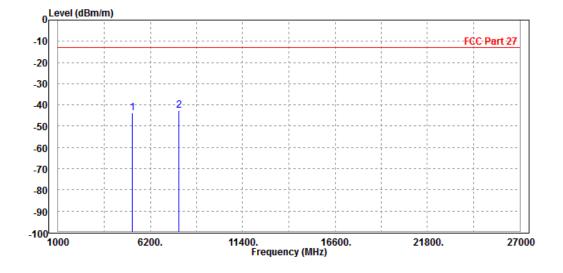
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CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/12V from adapter			
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

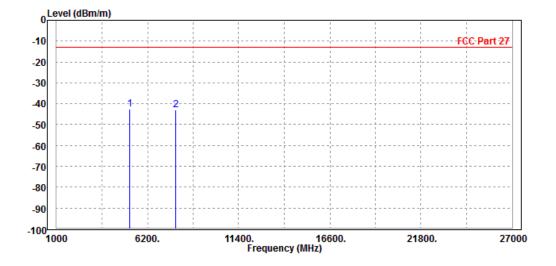
				Read	Limit	0ver			
		Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1		5186.000	-43.64	-52.23	-13.00	-30.64	8.59	Peak	Horizontal
2	PP	7785.000	-42.58	-56.32	-13.00	-29.58	13.74	Peak	Horizontal





MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz						
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter						
TESTED BY	TESTED BY Star Le								
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									

F	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5186 2 7785					-29.71 -29.91			Vertical Vertical



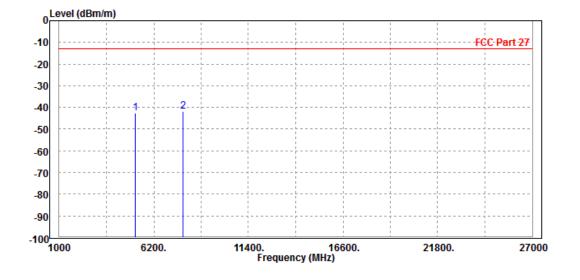
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CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	IINPIII POWER	DC 5V/9V/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 PP	5186.000 7785.000							Horizontal Horizontal

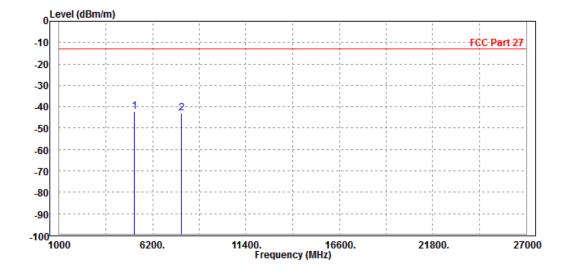


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MODE	TX channel 38000	FREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	TESTED BY Star Le							
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								

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

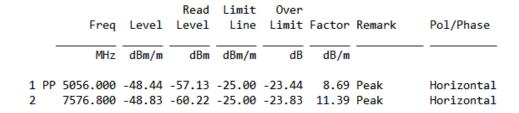


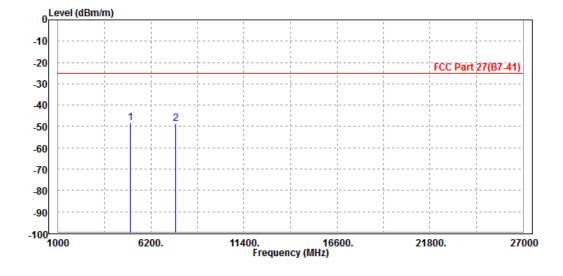


LTE Band CA_7C

CHANNEL BANDWIDTH: 10 MHz + 20MHz

MODE	TX channel PCC 21006	FREQUENCY RANGE	Above 1000MUz				
WODE	TX channel SCC 21150	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	23deg. C, 70%RH INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	Tony						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							



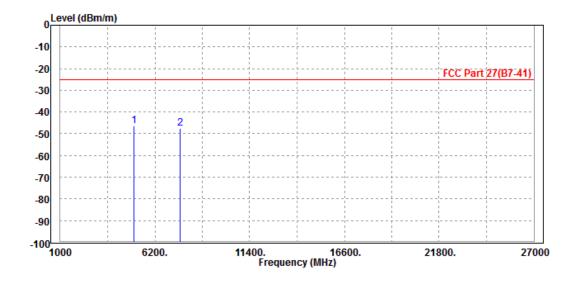


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MODE	TX channel PCC 21006	FREQUENCY RANGE	Above 1000MHz					
WODE	TX channel SCC 21150	PREQUENCT RANGE	Above 1000IVIHZ					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter						
TESTED BY	Tony	Tony						
ANTENNA POLARITY & 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 7576.800							Vertical Vertical



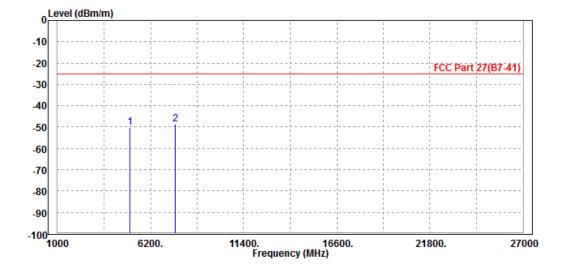
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CHANNEL BANDWIDTH: 15MHz + 10MHz

MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz					
WIODE	TX channel SCC 21171	PREQUENCY RANGE	Above 1000MHz					
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter					
TESTED BY	Tony	Tony						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								

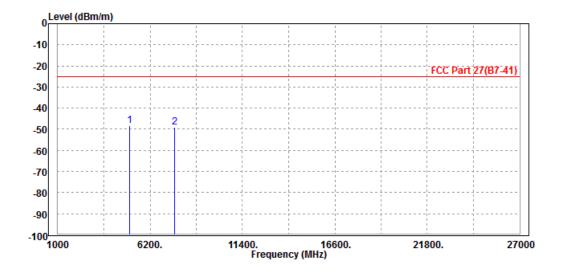
		Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	5056.000 7590.000							Horizontal Horizontal





MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz					
WODE	TX channel SCC 21171	PREQUENCT RANGE						
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter						
TESTED BY	Tony	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	-48.23	-58.11	-25.00	-23.23	9.88	Peak	Vertical
2 7590.300	-49.10	-61.87	-25.00	-24.10	12.77	Peak	Vertical

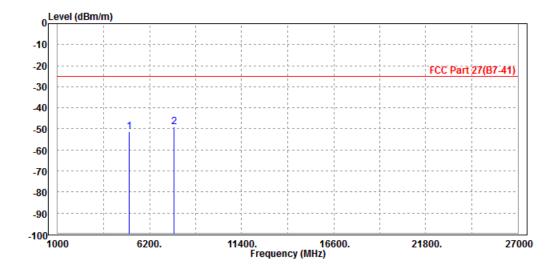




CHANNEL BANDWIDTH: 15MHz + 15MHz

MODE	TX channel PCC 21025	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21175	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	DC 5V/9V/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	5056.000	-51.28	-59.97	-25.00	-26.28	8.69	Peak	Horizontal
2 PF	7582.500	-49.07	-60.46	-25.00	-24.07	11.39	Peak	Horizontal

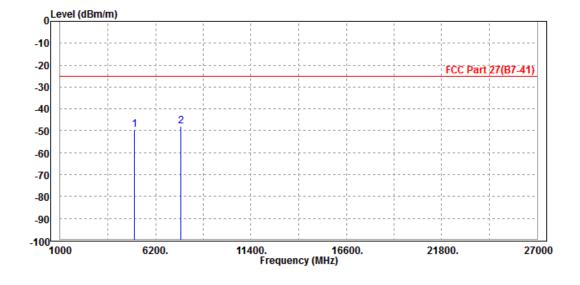


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MODE	TX channel PCC 21025	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21175	PREQUENCT RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	23deg. C, 70%RH INPUT POWER				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Fred	Level		Limit Line		Factor	Remark	Pol/Phase
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 5056.000 2 PP 7582.500							Vertical Vertical

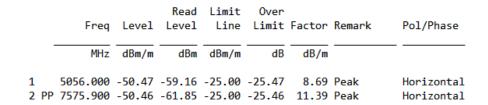


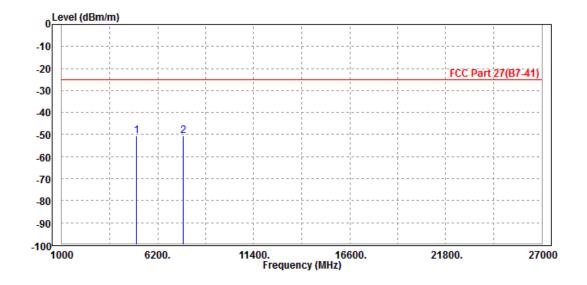
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CHANNEL BANDWIDTH: 15MHz + 20MHz

MODE	TX channel PCC 21003	FREQUENCY RANGE	Above 1000MHz			
WIODE	TX channel SCC 21174	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						



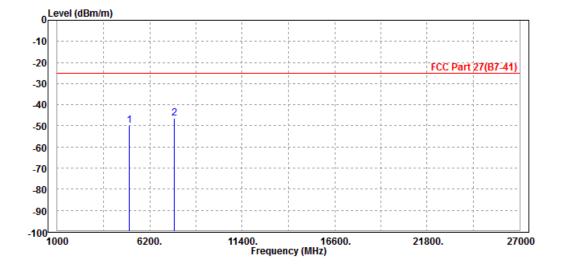


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MODE	TX channel PCC 21003	FREQUENCY RANGE	Above 1000MHz			
MODE	TX channel SCC 21174	PREQUENCT RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

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

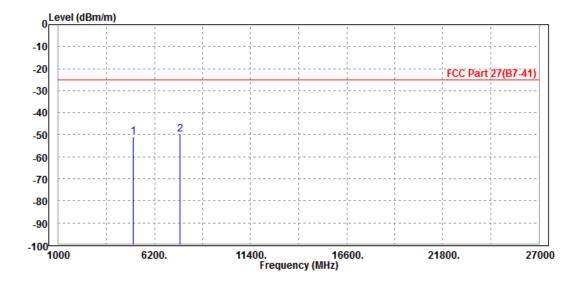




CHANNEL BANDWIDTH: 20MHz + 10MHz

MODE	TX channel PCC 21051	FREQUENCY RANGE	Above 1000MHz			
MODE	TX channel SCC 21195	PREQUENCY RANGE				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						

		_			Limit		_		
		Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
	-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1		5056.000	-51.01	-59.70	-25.00	-26.01	8.69	Peak	Horizontal
2	PP	7590.000	-49.89	-61.29	-25.00	-24.89	11.40	Peak	Horizontal

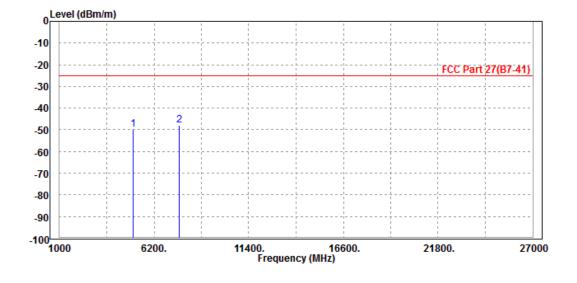




1 2

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

	F			Limit		F	D I-	D-1 /DI
	Freq	revel	revel	Line	Limit	Factor	Remark	Pol/Phase
-	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
	5056.000	-49.86	-59.74	-25.00	-24.86	9.88	Peak	Vertical
PP	7590.000	-47.83	-60.60	-25.00	-22.83	12.77	Peak	Vertical

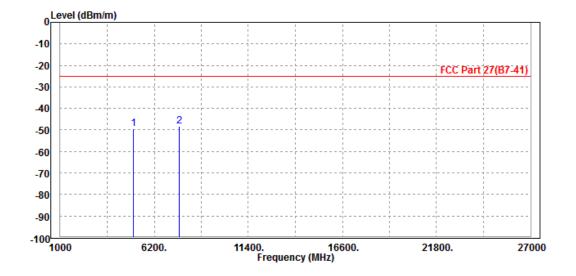




CHANNEL BANDWIDTH: 20MHz + 15MHz

MODE	TX channel PCC 21026	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 21197	FREQUENCY RANGE	Above 1000IVIHZ				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	Bdeg. C, 70%RH INPUT POWER DC 5V/9V/12V from adapter					
TESTED BY	ED 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	PP	5056.000 7575.300							Horizontal Horizontal

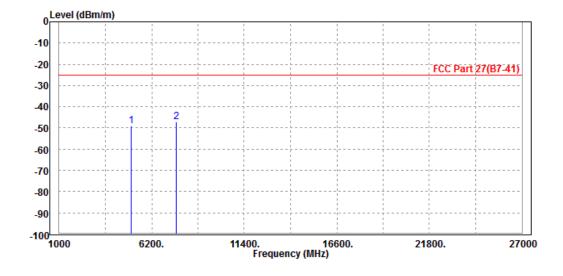


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MODE	TX channel PCC 21026	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21197	PREQUENCY RANGE	Above 1000MH2			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	C, 70%RH INPUT POWER DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & 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	5056.000 7575.300							Vertical Vertical

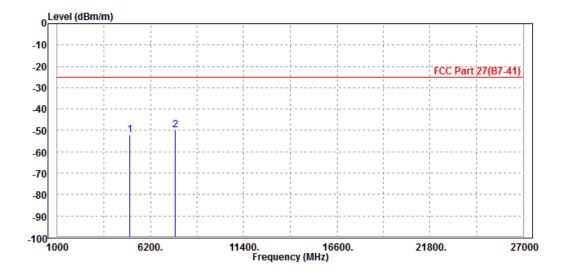




CHANNEL BANDWIDTH: 20MHz + 20MHz

MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz				
MODE	TX channel SCC 21199	FREQUENCY RANGE	Above 1000ivinz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	Bdeg. C, 70%RH INPUT POWER DC 5V/9V/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 PP	5050.200 7575.300							Horizontal Horizontal

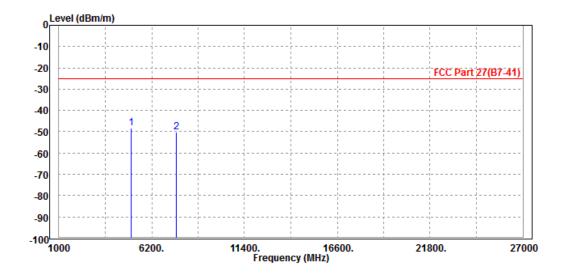


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MODE	TX channel PCC 21001	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 21199	PREQUENCT RANGE	Above 1000ivinz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

Fr	eq Level		Limit Line		Factor	Remark	Pol/Phase
M	lHz dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 5050.2 2 7575.3	00 -48.28 00 -50.13						Vertical Vertical



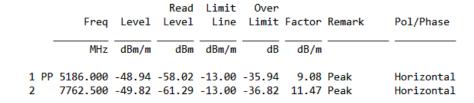
Tel: +86 755 8869 6566 Fax: +86 755 8869 6577

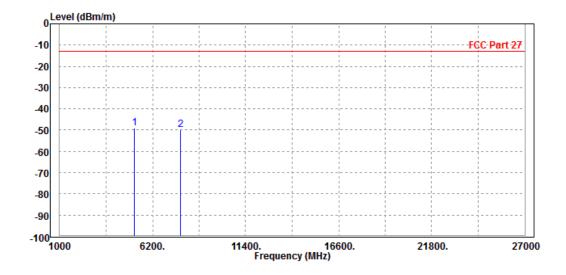


LTE Band CA _38C

CHANNEL BANDWIDTH: 15 MHz + 15MHz

MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 38075	PREQUENCT RANGE	Above 1000ivinz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	H INPUT POWER DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						



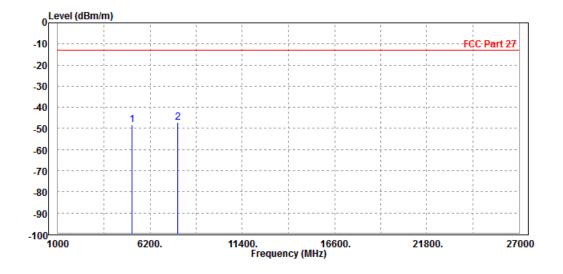


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MODE	TX channel PCC 37925	FREQUENCY RANGE	Above 1000MHz			
WODE	TX channel SCC 38075	PREQUENCT RANGE	Above 1000ivinz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER DC 5V/9V/12V from adapter				
TESTED BY	Star Le					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

	Freq	Level		Limit Line		Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 2 PF	5186.000 7762.500							Vertical Vertical

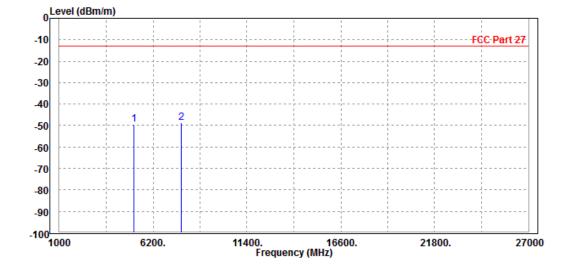




CHANNEL BANDWIDTH: 20MHz + 20MHz

MODE	TX channel PCC 37901	FREQUENCY RANGE	Above 1000MHz				
WODE	TX channel SCC 38099		Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	3deg. C, 70%RH INPUT POWER DC 5V/9V/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 PF	5160.000 7755.300							Horizontal Horizontal

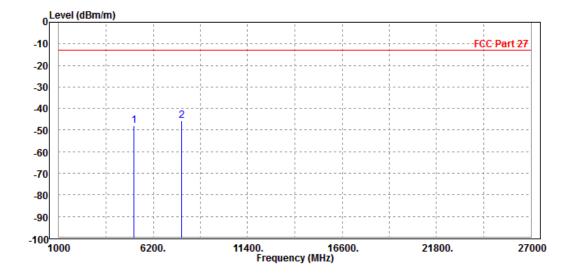


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MODE	TX channel PCC 37901	FREQUENCY RANGE	Above 1000MHz		
WODE	TX channel SCC 38099	PREQUENCT RANGE	Above 1000ivinz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 5V/9V/12V from adapter		
TESTED BY	Star Le				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

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





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:

Shenzhen EMC/RF Lab:

Tel: +86-755-88696566 Fax: +86-755-88696577

Email: customerservice.dg@cn.bureauveritas.com

Web Site: www.adt.com.tw

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



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.

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