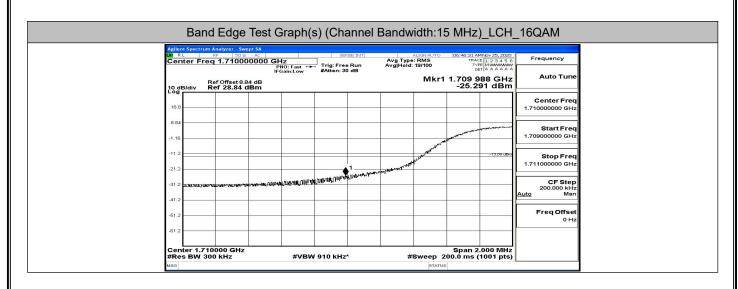
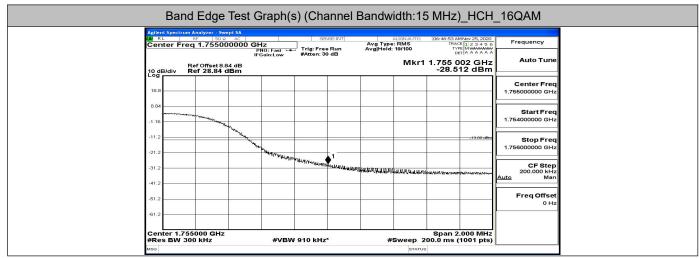
<u>SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.</u> FCC ID: GAO-SM5020

Report No.: LCS201116074AEG



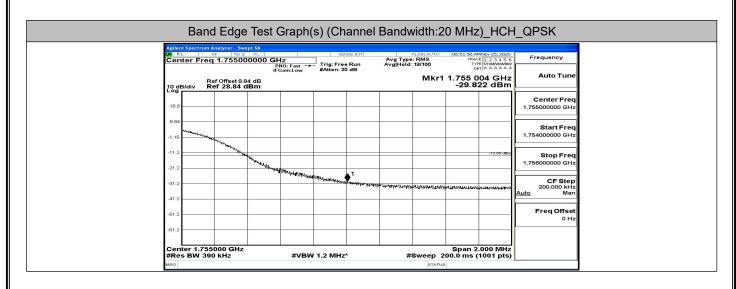


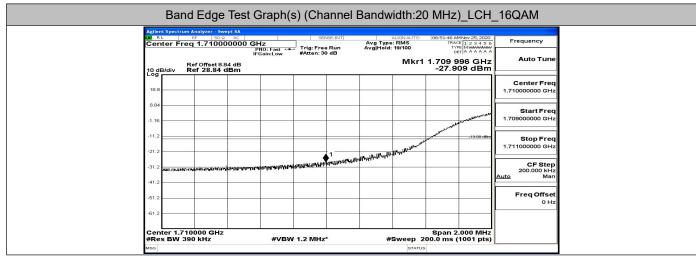
LXI RL	trum Analyzer - Swept SA RF 50 Ω AC		SENSE:INT	ALIGN	AUTO 06:47:1	9 AMNov 25, 2020	Frequency
Center	Freq 1.71000000	PNO East ++++	Trig: Free Run #Atten: 30 dB	Avg Type: RM Avg Hold: 18/1	5 1	TYPE MWAAAAAAA	riequency
10 dB/div	Ref Offset 8.84 dB Ref 28.84 dBm	IFGain:Low		r	/kr1 1.709		Auto Tune
18.8							Center Freq 1.71000000 GHz
8.84							Start Freq
-1.16						-13.00 dBm	Stop Freq
-21.2							1.711000000 GHz
-31.2							CF Step 200.000 kHz Auto Man
-41.2			<b>♦</b> <sup>1</sup>				Freq Offset 0 Hz
-61.2							

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Report No.: LCS201116074AEG





NRL     INC.     Display and the second seco	Agilent Spectrum Analyzer - Swept SA		I Bandwidth:20 N	,	
Ref Offset 8.84 dB         Mkr1 1.755 008 GHz -27.730 dBm         Auto Tune           10 dB/div         Ref 28.84 dBm         Center Freq 1.75600000 GHz         Interview           18 8         Interview         Interview         Interview         Interview           18 8         Interview         Interview         Interview         Interview         Interview           18 9         Interview		D GHZ PNO: Fast +++ Trig: Free Run	Avg Type: RMS	06:52:05 AMNov 25, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
18.8         Center Freq           18.8	10 dB/div Ref 28.84 dBm	IFGain:Low #Atten: 30 dB		755 008 GHz	Auto Tune
1.16         Start Freq 1.76400000 GHz           1.12	-				
21.2         Stop Freq           31.2         Image: Stop Freq           41.2         Image: Stop Freq           61.2         Image: Stop Freq	aug.				
-51.2 Freq Offset 0 Hz					
-51.2 Freq Offset 0 Hz	-31.2		AND THAT AND A LONG TO A LONG T	almounder which where	200.000 kHz
-61.2					Freq Offset
	-61.2				

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## **D.5 Conducted Spurious Emission**

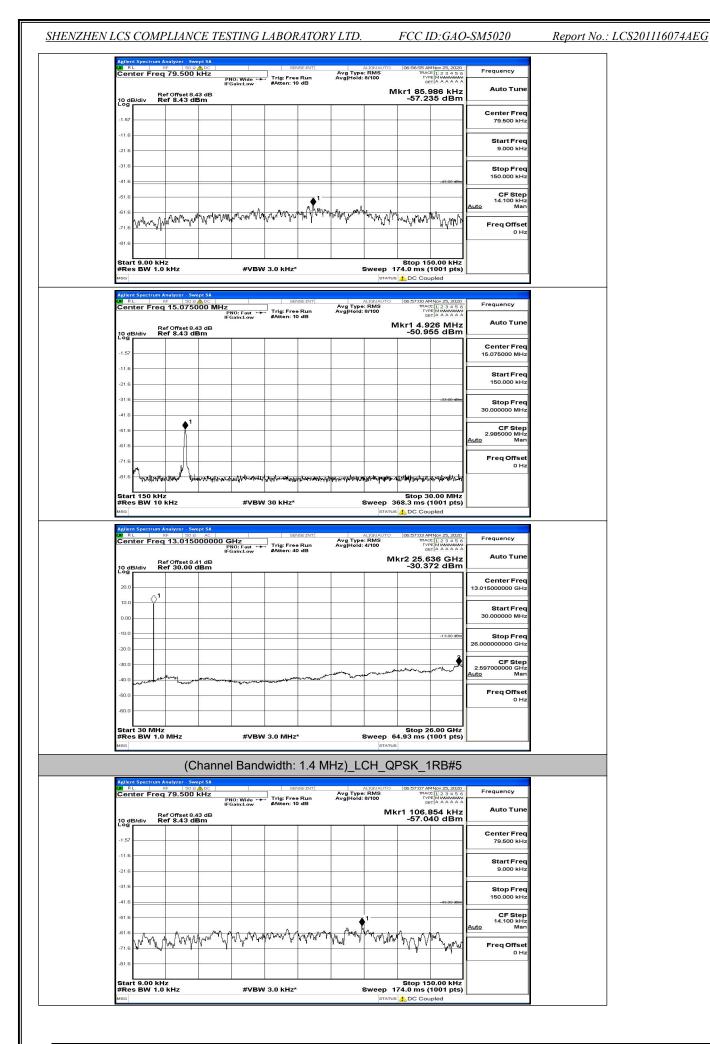
## Appendix E: Conducted Spurious Emission

## **Test Graphs**

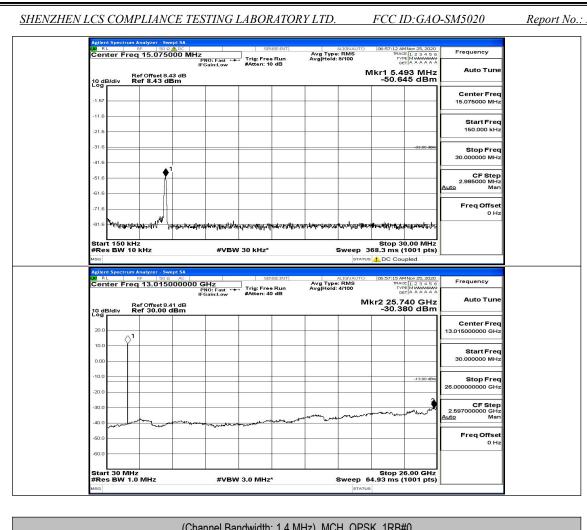
## **Channel Bandwidth: 1.4 MHz**

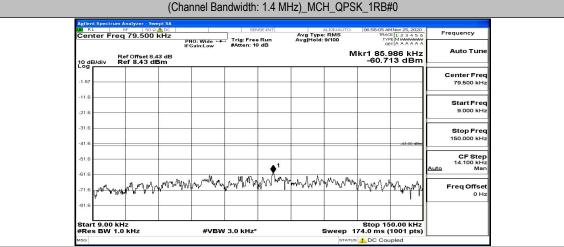
LXI RL		Analyzer - Sv	A DC			NSE:INT		ALIGNAUT	06:56:42 4	4Nov 25, 2020	
	ter Free	79.500		PNO: Wide ++ FGain:Low	Trig: Fre #Atten: 1	e Run 0 dB	Avg Type Avg Hold:	8/100	TRAC TY D	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency Auto Tune
10 dB	R Ndiv R	ef Offset 8 tef 8.43 c	.43 dB IBM	1	1				Mkr1 86. -57.2	127 kHz 26 dBm	Auto Tune
-1.57											Center Freq 79.500 kHz
-11.6 -											Start Freq
-21.6 -		-									9.000 kHz
-31.6 -										-43.00 dBm	Stop Freq 150.000 kHz
-51.6 -						1-					CF Step 14.100 kHz
-61.6 -	Maple	Addrew	month	maria	hum Mater	Mar Marin	mapy flyment	M-UNM	MARANNA	WW WWW	<u>Auto</u> Man
-71.6	ላ የጥ	1 1 1 1 1 1 1 1 1 1	<u>۲</u>				-		4.4	AVN UNA	Freq Offset 0 Hz
-81.6											
Start #Res	9.00 kl BW 1.0	lz ) kHz		#VBW	/ 3.0 kHz	•			Stop 1: 174.0 ms ( TUS DC Con		
		Analyzer - Sv RF 50:	vept SA	-		-5 10-10- TS 100-			06:56:47 A		
Cent	ter Free	q 15.075	000 MHz	PNO: Fast 🔸 FGain:Low		e Run 0 dB	Avg Type Avg Hold:	: RMS 8/100	5 [08:56:47 A TRAV TY D	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 dB	R Vdiv R	ef Offset 8 tef 8.43 c	43 dB						Mkr1 4.1 -49.7	50 MHz 63 dBm	Auto Tune
-1.57											Center Freq 15.075000 MHz
-11.6											Start Freq
-21.6 -											150.000 kHz
-31.6		-								-33.00 dBm	Stop Freq 30.000000 MHz
-41.6		<b>♦</b> <sup>1</sup>									CF Step
-61.6 -		<u> </u>									2.985000 MHz <u>Auto</u> Man
-71.6 -											Freq Offset 0 Hz
-81.6	hand a hand a state of the stat	tronch "That	Very Market	ulaterrapier <sub>ter</sub> tetra	afettan marata	Mary Hall and	mperithered	el habiteleberth	enter and the second second	-youtrytation	
#Res	150 kH BW 10	z kHz		#VBW	/ 30 kHz*				368.3 ms (		
MSG Agilent	Spectrum	Analyzer - Sv	vept SA						τυs 🔔 DC Coι		
Cent		q 13.015	000000	GHz PNO: Fast ↔ FGain:Low	Trig: Fre #Atten: 4	e Run	Avg Type Avg Hold:	ALIGNAUTI RMS 4/100	06:56:51 A TRAC TY D	<sup>4</sup> Nov 25, 2020 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 dB	R Vdiv R	ef Offset 8 tef 30.00	41 dB					l	Mkr2 25.6		Auto Tune
20.0											Center Freq 13.015000000 GHz
10.0 -	^1										Start Freq
0.00	-+	-									30.000000 MHz
-10.0		+						-		-13.00 dBm	<b>Stop Freq</b> 26.000000000 GHz
-20.0 -										3	CF Step 2.597000000 GHz
-40.0	an and a start of the start of	er here however	-	-	man	ang means	man	-	and a second second second	- warden a	2.597000000 GHz <u>Auto</u> Man
-50.0 -											Freq Offset 0 Hz
-60.0		-	+			1					
#Res	30 MH: BW 1.0	z MHz		#VBW	/ 3.0 MHz	z*			64.93 ms (	6.00 GHz 1001 pts)	
MSG								STA	TUS		

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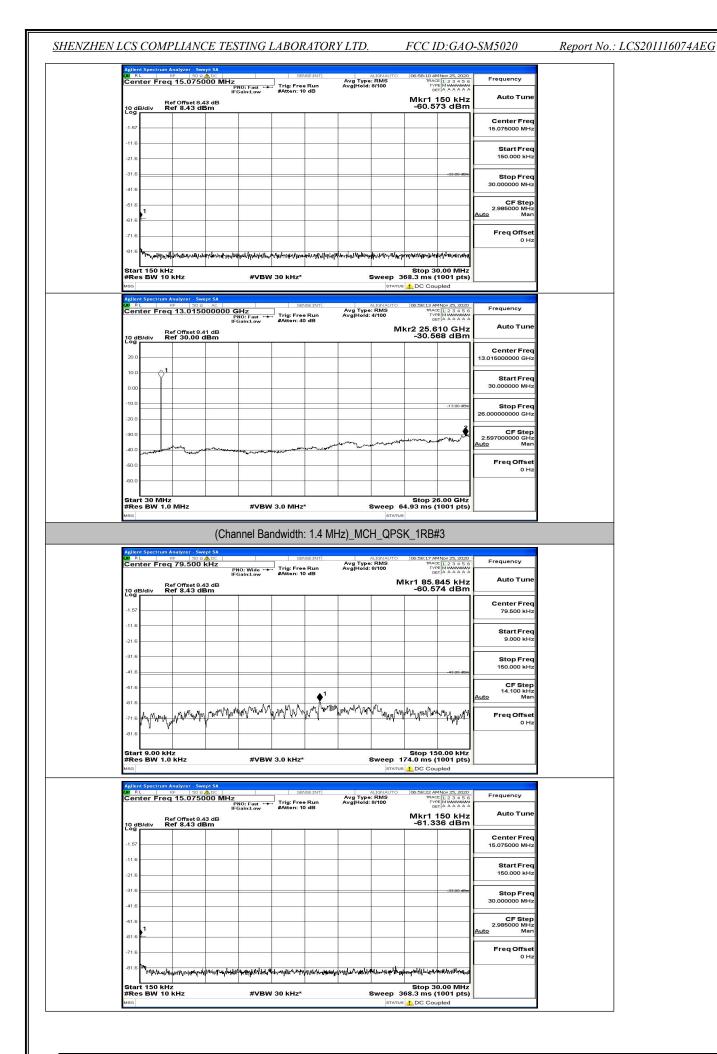


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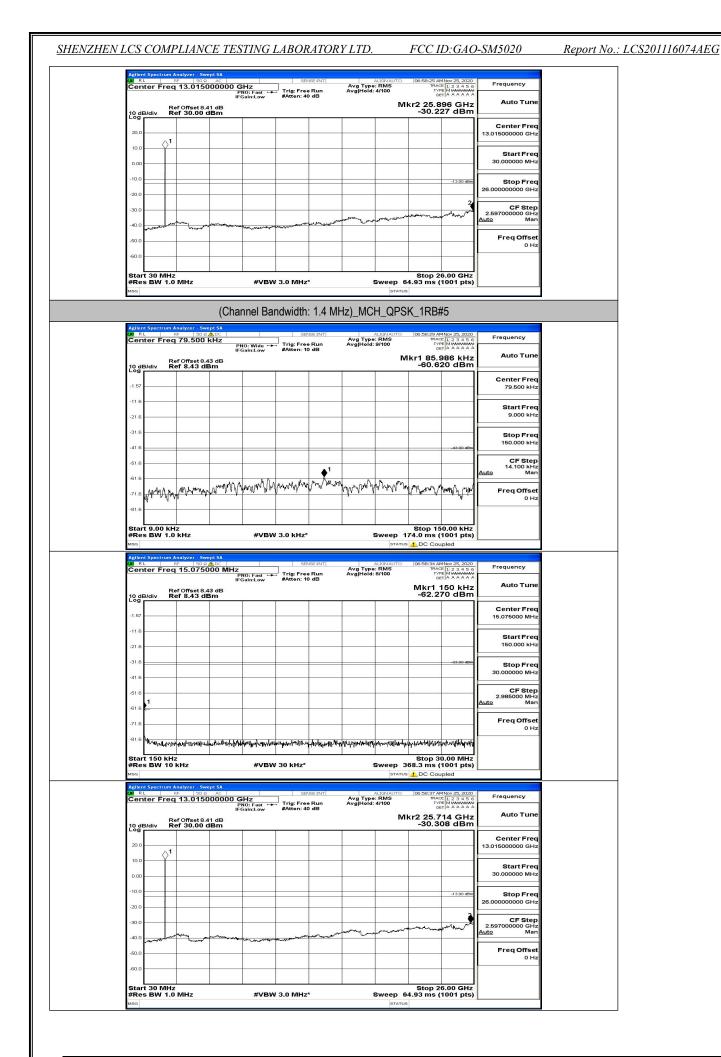




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 FCC ID:GAO-SM5020

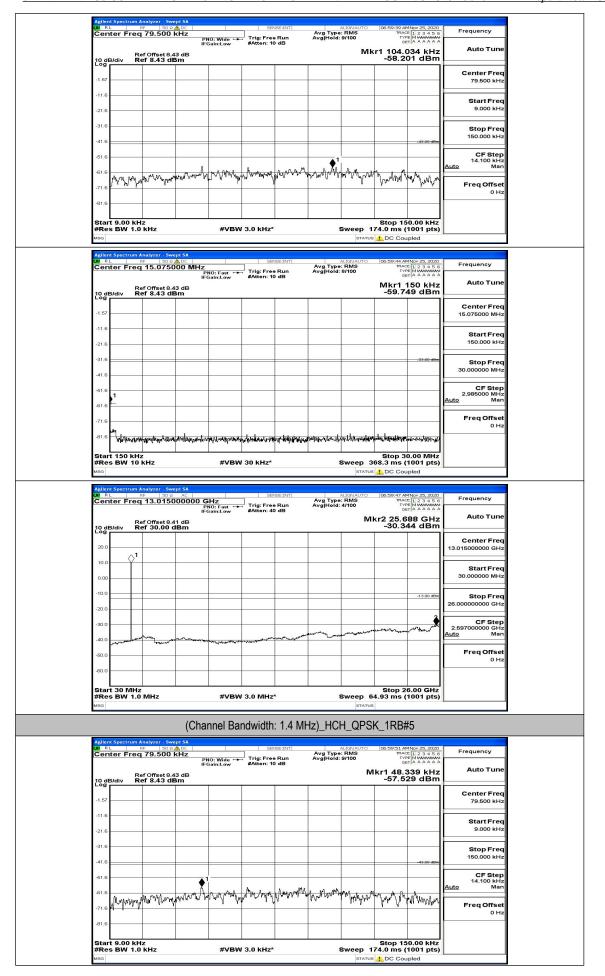
Report No.: LCS201116074AEG

Anilant		naluzar S		nnel Bai	ndwidth	: 1.4 Mł	Hz)_HC	H_QPS	SK_1RB#	£0	
LXI RL	R	nalyzer - Swe F 50 Ω 4 79.500 I	A DC			NSE:INT	Avg Type Avg Hold:	ALIGNAUTO	06:59:26 AM	1Nov 25, 2020 E 1 2 3 4 5 6	Frequency
10 dB/d	Re	f Offset 8.4 ef 8.43 dE	PN	lO: Wide ↔ Sain:Low	#Atten: 10	e Run 0 dB	Avg Hold:		Vikr1 90.6	39 kHz 7 dBm	Auto Tune
-1.57											Center Freq 79.500 kHz
-11.6											Start Freq 9.000 kHz
-31.6											Stop Freq 150.000 kHz
-41.6						•				-43.00 dBm	CF Step 14.100 kHz
-61.6	wyyhnyny	My/WMhJima	mplanut	mptrond in	militer Marth	www	WARNA	rymyr.	M WWW	nan hundra	Auto Man Freq Offset
-81.6											0 Hz
	9.00 kH: 3W 1.0			#VBW	3.0 kHz*	í			Stop 15 174.0 ms ( JS 1 DC Cou		
Agilent Sp	pectrum A	nalyzer - Swe	pt SA							• • • • • • • • • • • • • • • • • • • •	
Cente	r Freq	<sup>50 Ω</sup>	00 MHz	10:Fast ↔►	SEA	NSE:INT	Avg Type Avg Hold:	RMS	06:59:32 AN TRAC TYP	1 2 3 4 5 6 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
10 dB/d	Re liv <b>R</b> e	of Offset 8.4 of 8.43 dE	IFC 3 dB	Sain:Low	#Atten: 10	0 dB	31		Mkr1 1	150 kHz 25 dBm	Auto Tune
-1.57											Center Freq 15.075000 MHz
-11.6											Start Freq 150.000 kHz
-31.6										-33.00 dBm	Stop Freq 30.000000 MHz
-41.6 -61.6											CF Step 2.985000 MHz
-61.6											Auto Man Freq Offset
-81.6 Mah	Mr.M. Marine	nyunhuhu	theory also follows	ato a phone with the	nimetrik Autom	lipper William	muulum	ulforney by and the	terholment the and the	onenthandronder	0 Hz
Start 1 #Res E	150 kHz 3W 10 I	: kHz		#VBW	30 kHz*				368.3 ms (		
MSG								STATU	us 🦺 DC Cou	pled	
LXI RL	R	nalyzer - Swe F 50 Ω 13.0150	AC 00000 G	Hz 10: Fast ↔ Sain:Low	Trig: Free #Atten: 40	NSE:INT e Run 0 dB	Avg Type Avg Hold:	ALIGN AUTO RMS 4/100	TRAC	1 Nov 25, 2020 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 dB/d	Re liv <b>R</b> e	f Offset 8.4 ef 30.00 d	1 dB	Jamie		1		IV.	1kr2 25.6 -30.24	88 GHz 11 dBm	Auto Tune
20.0	<p<sup>1</p<sup>										Center Freq 13.015000000 GHz
10.0											Start Freq 30.000000 MHz
0.00										-13.00 dBm	Stop Freq 26.00000000 GHz
0.00 -10.0 -20.0									1	20	
-10.0 -20.0 -30.0		men .					religent Ville Lauret	and the second second	and other and some	and and the	CF Step 2.597000000 GHz Auto Man
-10.0	-	Jule Land	~~~~ <b>~</b> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	يرهقوموندمارولي		and and the second	and the second second	and the second s	and of the second second	er martine art	2.597000000 GHz
-10.0 -20.0 -30.0 -40.0 -50.0 -60.0			~~~~~	مريد وروي وروي وروي وروي وروي وروي وروي و		and the second sec	had the second	-		, ~~ +, / A	2.597000000 GHz <u>Auto</u> Man Freq Offset
-10.0	30 MHz 3W 1.0			wew #VBW	3.0 MHz	*		Sweep	64.93 ms (	6.00 GHz 1001 pts)	2.597000000 GHz <u>Auto</u> Man Freq Offset

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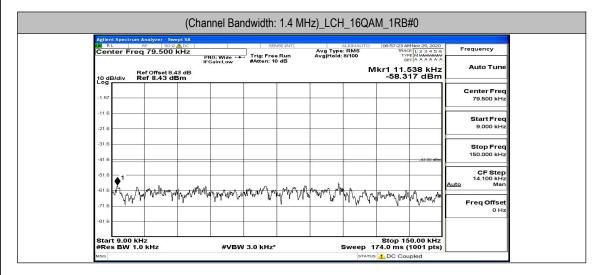
FCC ID:GAO-SM5020

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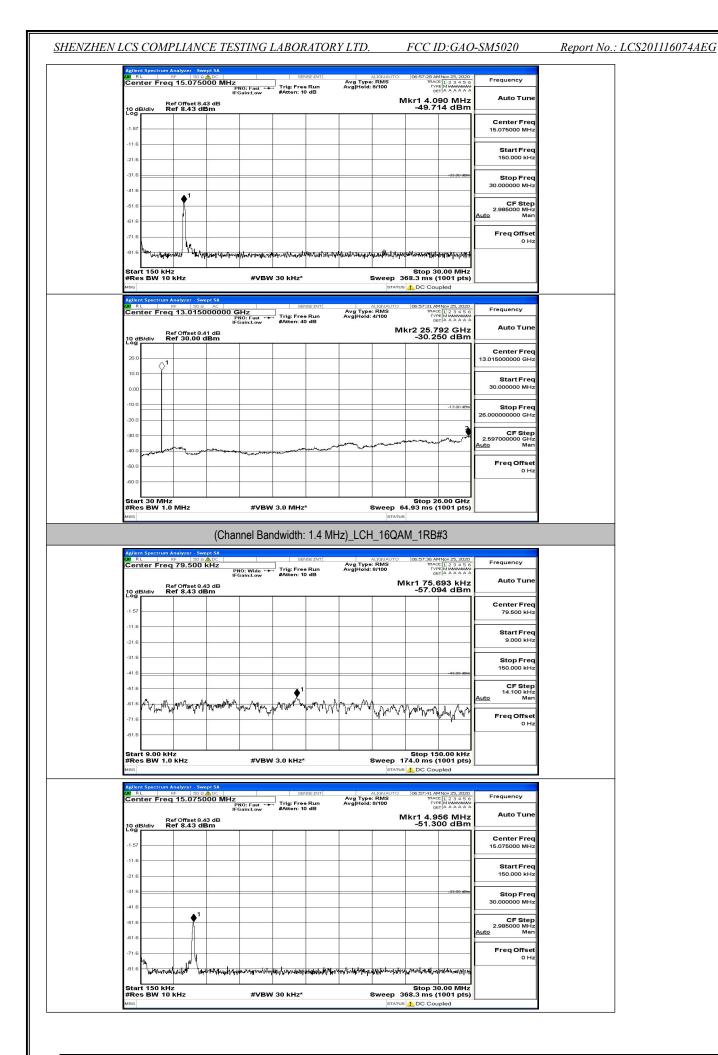


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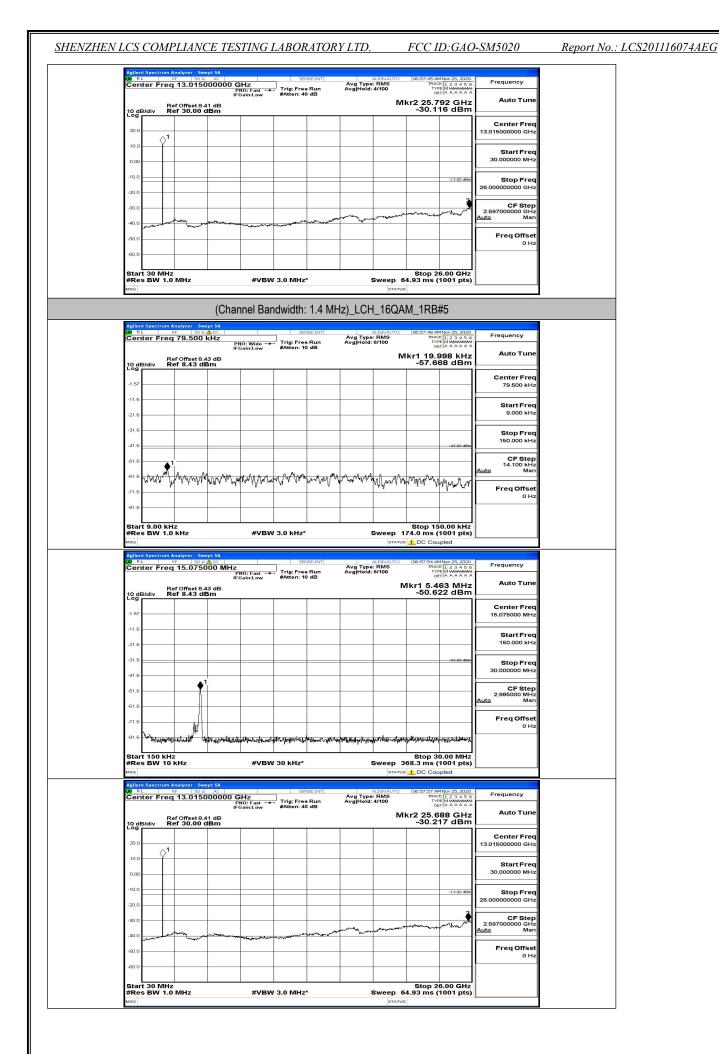
<u>SHENZHEN LCS CO</u>	MPLIANCE T	ESTING LAB	<u> ORATORY LT</u>	D. FCC	ID:GAC	D-SM5020	Report No.:	<u>LCS201116074AEG</u>
LXI RL	trum Analyzer - Swept SA RF 50 ⊊ ΔDC Freq 15.075000 Mł Ref Offset 8.43 dB Ref 8.43 dBm	PNO East +++ Irig:	SENSE:INT Avg 1 Free Run Avg H n: 10 dB	Гуре: RMS та old: 8/100 т Мkr1	AMNOV 25, 2020 ACE 1 2 3 4 5 6 YPE MWWWWW DET A A A A A 150 kHz 782 dBm	Auto Tune		
-1.57						Center Freq 15.075000 MHz		
-11.6						Start Freq 150.000 kHz		
-31.6					-33.00 dBm	Stop Freq 30.000000 MHz		
-51.6 <b>1</b>						CF Step 2.985000 MHz <u>Auto</u> Man		
-71.6						Freq Offset 0 Hz		
Start 150 #Res BV	) kHz	#VBW 30 kH		אין	30.00 MHz			
Agilent Spec	trum Analyzer - Swept SA			STATUS 1 DC CO	oupled	1		
Center I	Ref Offset 8.41 dB	PNO: Fast ++ Trig:	SENSE:INT Avg T Free Run Avg H n: 40 dB	Mkr2 25.	ACE 1 2 3 4 5 6 YPE MWWWWW DET A A A A A A	Auto Tune		
10 dB/div	Ref 30.00 dBm							
20.0	-1				015 dBm	Center Freq 13.015000000 GHz		
20.0					015 dBm	Center Freq		
10.0	↓ 1				-13.00 dBm	Center Freq 13.01500000 GHz Start Freq		
10.0 0.00 -10.0 -20.0 -30.0						Center Freq           13.01500000 GHz           Start Freq           30.00000 MHz           Stop Freq		
10.0 0.00 -10.0 -20.0						Center Freq           13.015000000 GHz           Start Freq           30.000000 MHz           Stop Freq           26.00000000 GHz           CF Step           2.557000000 GHz		
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.		#VBW 3.0 M			-13.00 dBm	Center Freq           13.015000000 GHz           Start Freq           30.000000 MHz           Stop Freq           26.00000000 GHz           25.97000000 GHz           Auto           Freq Offset           0 Hz		



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