# Appendix F for LTE Band 5

### Product Name: Tablet pc Trade Mark: N/A Test Model: 7LB1

**Environmental Conditions** 

Temperature:	23.2 ° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Tom.Liu

### F.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict	
wouldtion	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	23.25	22.69	PASS	
		1	3	23.24	22.71	PASS	
		1	5	23.39	22.72	PASS	
	LCH	3	0	23.34	22.50	PASS	
		3	2	23.46	22.48	PASS	
		3	3	23.35	22.28	PASS	
		6	0	22.71	21.48	PASS	
		1	0	23.63	22.79	PASS	
		1	3	23.70	22.93	PASS	
QPSK /		1	5	23.59	22.74	PASS	
16QAM	MCH	3	0	23.56	22.66	PASS	
IOQAM		3	2	23.51	22.68	PASS	
		3	3	23.56	22.63	PASS	
		6	0	22.50	21.38	PASS	
		1	0	24.11	23.18	PASS	
		1	3	24.32	23.12	PASS	
		1	5	24.23	22.99	PASS	
	HCH	3	0	23.92	23.21	PASS	
		3	2	24.11	23.33	PASS	
		3	3	24.03	23.19	PASS	
		6	0	23.07	22.07	PASS	

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Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdiet		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	23.66	22.97	PASS		
		1	7	23.70	23.05	PASS		
		1	14	23.89	23.37	PASS		
	LCH	8	0	22.69	21.76	PASS		
		8	4	22.84	21.79	PASS		
		8	7	22.72	22.00	PASS		
		15	0	22.80	21.81	PASS		
		1	0	23.70	22.43	PASS		
		1	7	23.88	22.84	PASS		
		1	14	23.64	22.71	PASS		
QPSK /	MCH	8	0	22.76	21.69	PASS		
16QAM		8	4	22.74	21.74	PASS		
		8	7	22.73	21.71	PASS		
		15	0	22.65	21.86	PASS		
		1	0	23.77	23.14	PASS		
		1	7	24.12	23.27	PASS		
		1	14	24.08	23.18	PASS		
	HCH	8	0	23.00	22.43	PASS		
		8	4	23.11	22.40	PASS		
		8	7	23.11	22.29	PASS		
		15	0	23.13	21.98	PASS		

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Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Vardiat		
wooulation	Modulation Channel Size			QPSK	16QAM	Verdict		
		1	0	23.72	22.29	PASS		
		1	12	24.37	22.67	PASS		
		1	24	24.05	22.08	PASS		
	LCH	12	0	22.68	21.65	PASS		
		12	6	22.86	21.83	PASS		
		12	13	22.71	21.77	PASS		
		25	0	22.74	21.89	PASS		
		1	0	23.44	22.27	PASS		
		1	12	24.14	22.75	PASS		
QPSK /		1	24	23.80	22.63	PASS		
16QAM	MCH	12	0	22.64	21.72	PASS		
IOQAIN		12	6	22.75	21.62	PASS		
		12	13	22.74	21.64	PASS		
		25	0	22.65	21.81	PASS		
		1	0	23.84	22.64	PASS		
		1	12	24.43	22.91	PASS		
		1	24	24.01	22.64	PASS		
	НСН	12	0	22.90	22.13	PASS		
		12	6	23.05	22.14	PASS		
		12	13	23.04	21.87	PASS		
		25	0	23.03	22.20	PASS		

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)								
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict		
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict		
		1	0	23.43	22.47	PASS		
		1	24	24.50	23.58	PASS		
		1	49	23.40	22.67	PASS		
	LCH	25	0	22.74	21.82	PASS		
		25	12	22.82	21.81	PASS		
		25	25	22.67	21.62	PASS		
		50	0	22.67	21.81	PASS		
		1	0	23.66	23.09	PASS		
		1	24	24.10	23.39	PASS		
QPSK /			1	49	23.65	23.10	PASS	
16QAM	MCH	25	0	22.79	21.65	PASS		
TOQAIVI		25	12	22.91	21.89	PASS		
		25	25	22.84	21.73	PASS		
		50	0	22.79	21.70	PASS		
		1	0	23.86	22.58	PASS		
		1	24	24.05	22.67	PASS		
		1	49	23.53	23.08	PASS		
	НСН	25	0	22.81	21.81	PASS		
		25	12	22.77	21.79	PASS		
		25	25	22.86	21.87	PASS		
		50	0	22.87	21.95	PASS		

## F.2 Peak-to-Average Ratio

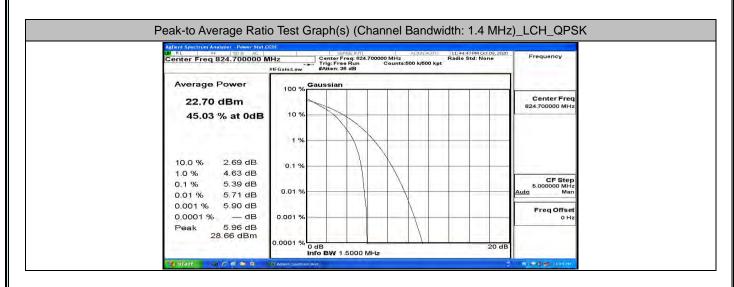
	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
wouldtion	Channel	[dB]	[dB]	verdict		
	LCH	5.39	<13	PASS		
QPSK	MCH	5.32	<13	PASS		
	НСН	4.79	<13	PASS		
	LCH	6.36	<13	PASS		
16QAM	MCH	6.17	<13	PASS		
	НСН	5.63	<13	PASS		

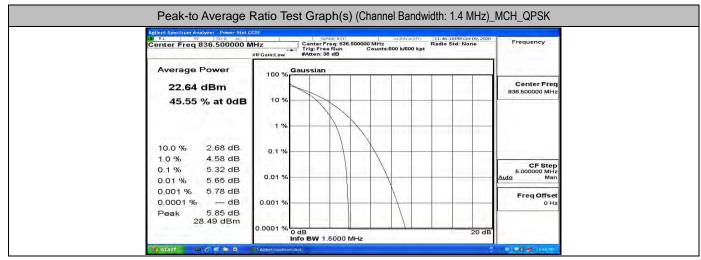
	Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
wouldtion	Channel	[dB]	[dB]	Verdict		
	LCH	5.36	<13	PASS		
QPSK	MCH	5.32	<13	PASS		
	НСН	4.89	<13	PASS		
	LCH	6.27	<13	PASS		
16QAM	MCH	6.13	<13	PASS		
	НСН	5.75	<13	PASS		

	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
Wouldton	Channel	[dB]	[dB]	Verdict	
	LCH	5.25	<13	PASS	
QPSK	MCH	5.24	<13	PASS	
	HCH	4.91	<13	PASS	
	LCH	6.01	<13	PASS	
16QAM	MCH	6.08	<13	PASS	
	НСН	5.67	<13	PASS	

	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channer	[dB]	[dB]	Verdict		
	LCH	5.01	<13	PASS		
QPSK	MCH	5.25	<13	PASS		
	HCH	4.98	<13	PASS		
	LCH	5.88	<13	PASS		
16QAM	MCH	6.03	<13	PASS		
	HCH	5.87	<13	PASS		

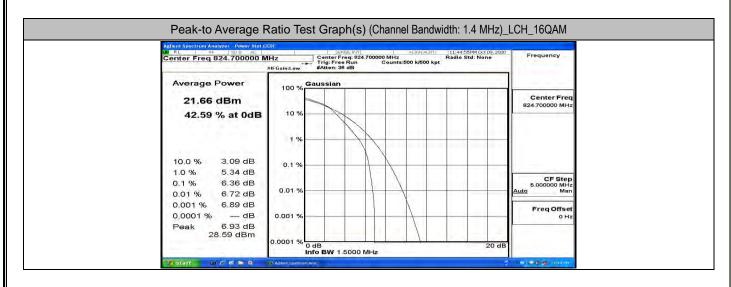
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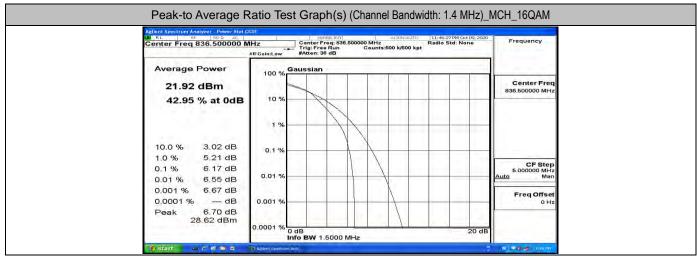




Center Freq 848.300000 MHz         Center Freq 845.300000 MHz         Radio Std: None           Average Power         23.42 dBm         100 %         Gaussian         Center Freq 845.300000 MHz         Center Freq 845.30000 kpt           47.77 % at 0dB         100 %         Gaussian         Center Freq 845.300000 MHz         Center Freq 845.30000 kpt           10.0 %         2.60 dB         10.0 %         Gaussian         Center Freq 845.30000 MHz         Center Freq 845.30000 MHz           10.0 %         2.60 dB         0.1 %         0.1 %         Center Freq 845.30000 MHz         Center Freq 845.30000 MHz           10.0 %         2.60 dB         0.1 %         0.1 %         Center Freq 845.30000 MHz         Center Freq 845.30000 MHz           10.0 %         2.60 dB         0.1 %         0.1 %         Center Freq 845.30000 MHz         Center Freq 845.30000 MHz           0.01 %         0.1 %         0.1 %         0.01 %         Center Freq 845.30000 MHz         Center Freq 845.30000 MHz         Center Freq 95.500000 MHz           0.001 %         0.01 %         0.01 %         0.01 %         Center Freq 95.50000 MHz         Center Freq 95.50000 MHz           0.001 %         0.001 %         0.001 %         0.001 %         Center Freq 95.50000 MHz         Center Freq 95.50000 MHz         Center Freq 95.50000 MHz	RL RF 150 Q AC	and i	SENSE:INT			1:52:18 PM Oct 09, 2020	Frequency
Average Power         Center Freq 348,300000 MHz           23.42 dBm         100 %         Center Freq 348,300000 MHz           47.77 % at 0dB         1 %         1 %           10.0 %         2.60 dB         0.1 %           1.0 %         4.22 dB         0.1 %           0.1 %         0.1 %         0.1 %           0.01 %         0.01 %         0.01 %           0.001 %         - dB         0.001 %		T	rig: Free Run	Counts:500		idio Std: None	Frequency
23.42 dBm         100 %         Center Freq 848.300000 MHz           47.77 % at 0dB         10 %         Center Freq 848.300000 MHz           10.0 %         2.60 dB         0.1 %         Center Freq 848.300000 MHz           10.0 %         2.60 dB         0.1 %         CF Step 5.000000 MHz           0.01 %         5.05 dB         0.01 %         Freq Offset 0.44z           0.001 %         5.01 %         Freq Offset 0.44z		1					
47.77 % at 0dB     10 %     10 %     848.300000 MHz       10.0 % 2.60 dB     10 %     1 %     1 %       10.0 % 2.60 dB     0.1 %     0.1 %     5.05 dB       0.1 % 4.79 dB     0.01 %     0.01 %     5.00000 MHz       0.001 % 5.05 dB     0.01 %     6.01 %     6.01 %       0.001 % 5.01 dB     0.001 %     7.0000 MHz	Average Power	100 % Gau	ssian				
10.0 %         2.60 dB         0.1 %           10.0 %         2.60 dB         0.1 %           1.0 %         4.29 dB         0.1 %           0.1 %         5.05 dB         0.01 %           0.01 %         5.05 dB         0.01 %           0.001 %         5.21 dB         0.001 %           0.000 %         - dB         0.001 %	23.42 dBm						
10.0 %     2.60 dB     0.1 %     0.1 %       1.0 %     4.22 dB     0.1 %     0.1 %       0.1 %     4.79 dB     0.01 %       0.01 %     5.05 dB     0.01 %       0.001 %     5.21 dB     0.001 %       0.0001 %     - dB     0.001 %	47.77 % at 0dB	10 %					
10.0 %     2.60 dB     0.1 %       1.0 %     4.22 dB     0.1 %       0.1 %     4.79 dB     0.01 %       0.01 %     5.05 dB     0.01 %       0.001 %     5.21 dB     0.001 %       0.001 %     - dB     0.001 %		1.1					
10.0 %     2.60 dB     0.1 %       1.0 %     4.22 dB     0.1 %       0.1 %     4.79 dB     0.01 %       0.01 %     5.00 dB     0.01 %       0.001 %     5.21 dB     0.001 %       0.0001 %     dB     0.001 %		1 %			_		
1.0 %     4.22 dB     0.1 %     6 <td>and the local sectors of</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	and the local sectors of						
0.1 %         4.79 dB         CF Step           0.01 %         5.05 dB         0.01 %         Auto         Man           0.001 %         5.21 dB         5.21 dB         Freq Offset         o Hz		0.1 %					
0.01 % 5.05 dB 0.01 % Auto Man 0.001 % 5.21 dB Freq Offset 0.0001 %		1203.03	1 - 1 1	$\langle \rangle$		- 1 - 1 - 11	CF Step
0.001 % 5.21 dB 0.0001 % — dB 0.001 % Freq Offset 0 Hz		0.01 %					
0,0001 % dB 0.001 % 0 Hz		1.		X			
		0.001 %					
		5,701.00					
	and the second second	0.0001 % 0 dB	BW 1 5000 M	-12		20 dB	11
0.0001 % 0 dB Info BW 1.5000 MHz 20 dB	start an / 10 to to	Addent Spectrum Ana					R

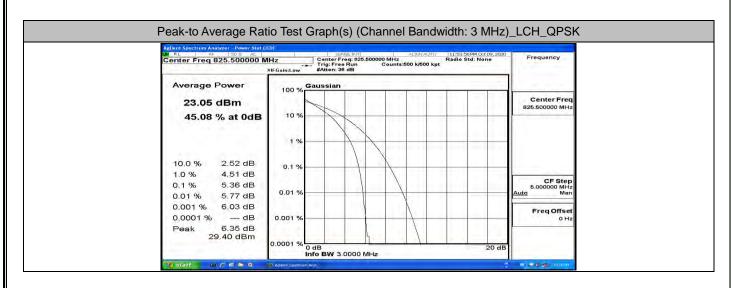
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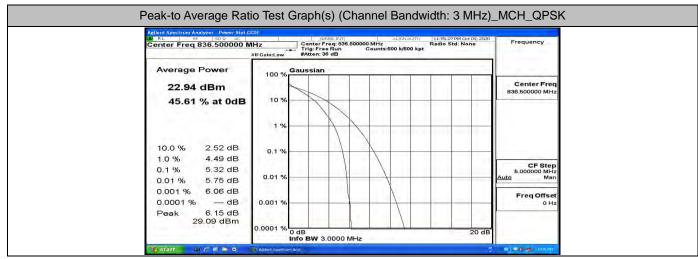




Center Freq 848.300000		ALIGNAUTO 11:5	2:26 PM Oct 09, 2020	
	MHz #IFGain:Low #Atten: 36 dB	Counts:500 k/500 kpt	o Std: None	Frequency
Average Power	100 % Gaussian			
22.60 dBm 44.47 % at 0dB				Center Freq 848.300000 MHz
10.0 % 3.03 dB	0.1 %			
1.0 % 4.93 dB 0.1 % 5.63 dB 0.01 % 5.90 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.001 % 6.01 dB 0.0001 % dB Peak 6.03 dB	0.001 %	-		Freq Offset 0 Hz

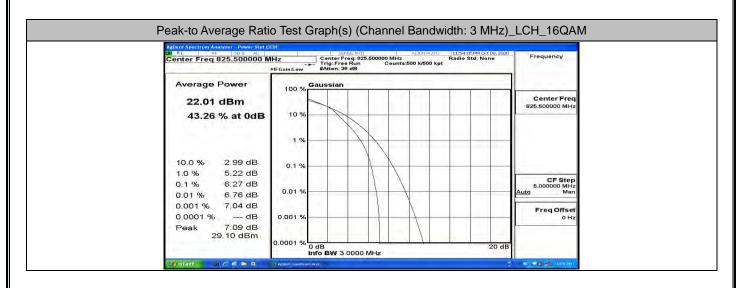
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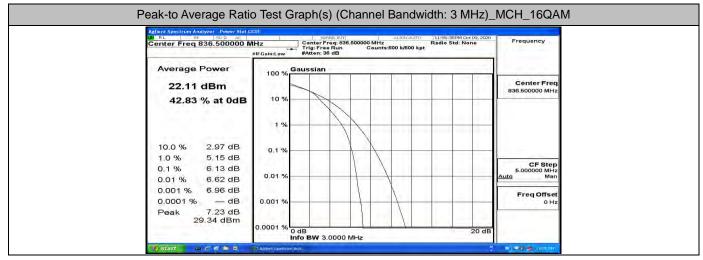




RL RF SDQ AC		NSE:INT	ALIGNAUTO	11:56:59 PM Oct 09, 2020	Frequency
Center Freq 847.500000 M	#IFGain:Low #Atten: 3	req: 847.500000 Mi e Run Cou 6 dB	12 nts:500 k/500 kpt	Radio Std: None	requercy
Average Power	Cauceian				
	100 % Gaussian				Center Freq
23.51 dBm				1.11.001.01	847.500000 MHz
47.20 % at 0dB	10 %				
				1 1 1	
	1 %				
10.0 % 2.45 dB		X			
1.0 % 4.17 dB	0.1 %		× 1		
0.1 % 4.89 dB					CF Step 5.000000 MHz
0.01 % 5.30 dB	0.01 %		V		<u>Auto</u> Man
0.001 % 5.53 dB	0.000 00				Freq Offset
0.0001 % dB Peak 5.80 dB	0.001 %				0 Hz
20.21 dBm	3 7 8 7 5 4 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1				
and the second se	0.0001 % 0 dB	0000 MHz		20 dB	
Testart w / 6 to to	Anilent Spectrum Ann				👟 🗢 🕲 🥌 10.00 PM

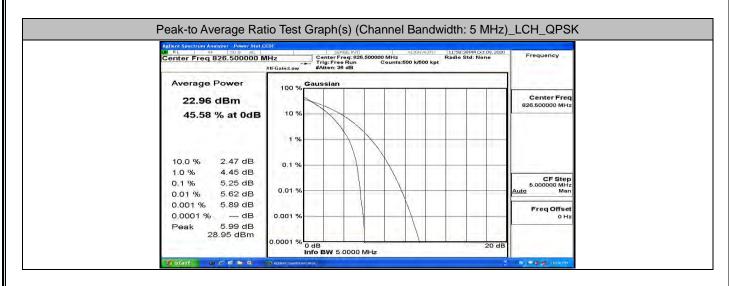
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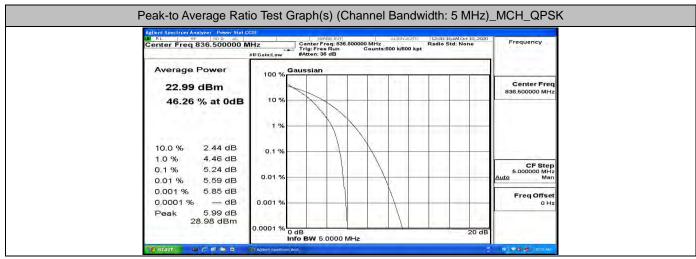




a second of the second s	Trig: Free Run Counts:500 k/t		
and the second second	#IFGain:Low #Atten: 36 dB		
Average Power	100 % Gaussian		
22.49 dBm	10 %		Center Freq 847.500000 MHz
44.40 % at 0dB			
	1 %		
10.0 % 2.94 dB	0.1 %		
1.0 % 4.88 dB 0.1 % 5.75 dB 0.01 % 6.20 dB	0.01 %	A	CF Step 5.000000 MHz uto Man
0.001 % 6.56 dB	0.001 %		Freq Offset
0.0001 % dB			

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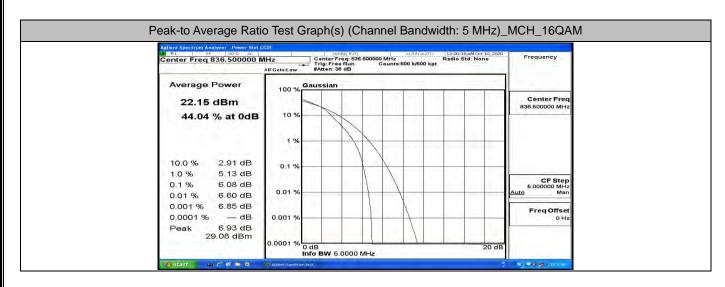


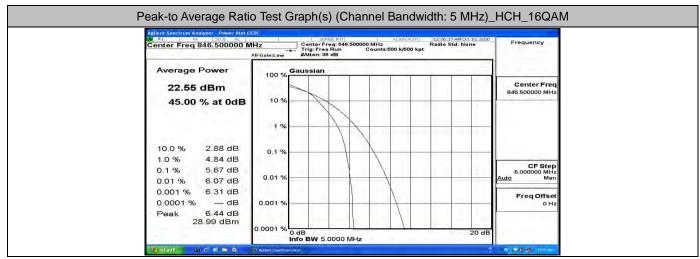


Average Power         23.46 dBm         Caussian         Center Free         Center         C
23.46 dBm 47.40 % at 0dB
100 W 320 dB
1.0 % 4.21 dB
0.1 % 4.91 dB 0.01 % 5.26 dB 0.01 % CF Ster Auto Ma
0.001 % 5.50 dB 0.0001 % dB 0.001 % Peak 5.60 dB

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Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM Center Freq: 826,500000 MHz Trij: Free Run #Atten: 36 dB enter Freq 826.500000 MHz Frequency IFGain:Low 100 % Gaussian Average Power Center Fred 826.500000 MHz 22.15 dBm 10 % 44.07 % at 0dB 1 % 2.95 dB 10.0 % 0.1 % 5.05 dB 1.0 % CF Step 5.000000 MHz Man 0.1 % 6.01 dB 0.01 % 0.01 % 6.41 dB Auto 0.001 % 6.68 dB Freq Offse 0.0001 % — dB 0.001 % 0 H 6.71 dB 28.86 dBm Peak 0.0001 % 0 dB Info BW 5.0000 MHz



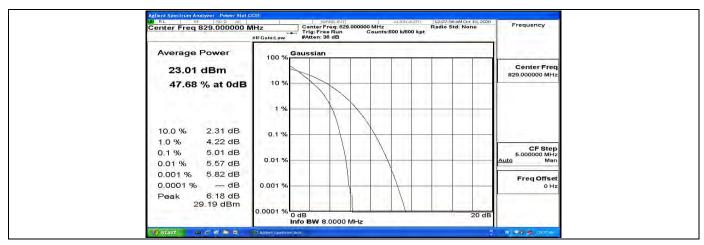


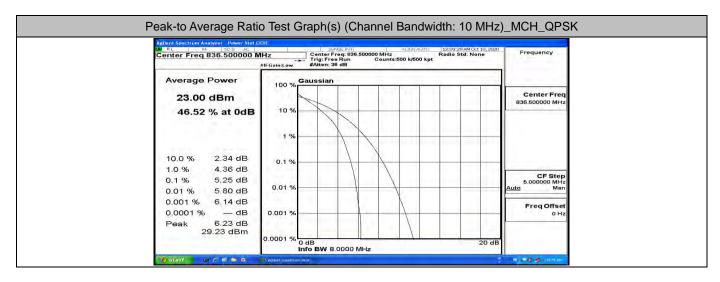
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK

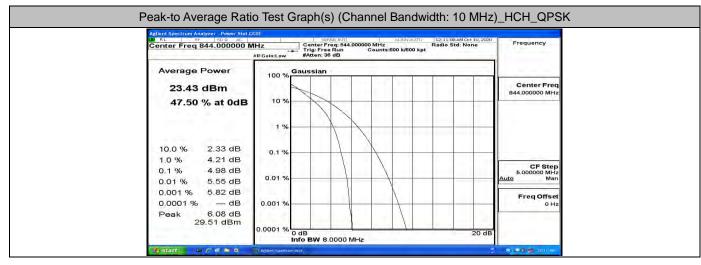
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Report No.: LCS200915126AEG







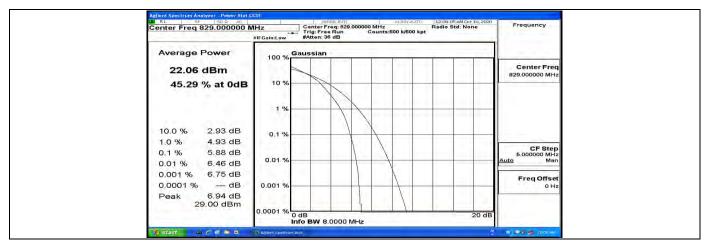
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM

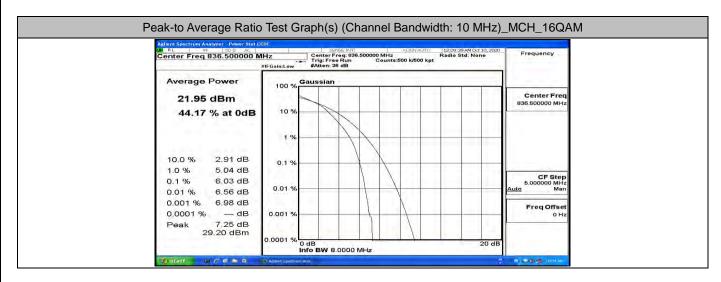
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#### SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.

FCC ID: 2AVTH-7LB1

Report No.: LCS200915126AEG





Center Pred 244.000000         Tig Free Run #It GalmLow         Counts 500 k/s00 kpt           Average Power         22.41 dBm         100 %         Gaussian         Center Freq 944.000000 MHz           45.26 % at 0dB         10 %         10 %         10 %         Setter 30 dB         Center Freq 944.000000 MHz           10.0 %         2.92 dB         0.1 %         0.1 %         Center Freq 944.000000 MHz         Center Freq 944.000000 MHz           10.0 %         2.92 dB         0.1 %         Center Freq 944.000000 MHz         Center Freq 944.000000 MHz           10.0 %         6.39 dB         0.01 %         Center Freq 944.000000 MHz         Center Freq 944.000000 MHz           0.01 %         0.01 %         0.01 %         Center Freq 944.000000 MHz         Center Freq 944.000000 MHz	Agilent Spectrum Analyzer Power Statt	SENSE:INT ALIGNAUTO 12:11:17 AN	4 Oct 10, 2020	Frequency
Average Power         Gaussian           22.41 dBm         100 %           45.26 % at 0dB         10 %           10.0 %         2.92 dB           1.0 %         4.92 dB           0.1 %         0.1 %           0.01 %         6.39 dB           0.001 %         - dB	Center Freq 844.000000 M	Trig: Free Run Counts:500 k/500 kpt	None	requertey
22.41 dBm       10 %       10 %       10 %         45.26 % at 0dB       10 %       10 %       10 %         10.0 %       2.92 dB       0.1 %       1 %         10.0 %       4.92 dB       0.1 %       0.1 %         0.01 %       6.39 dB       0.01 %       0.1 %         0.001 %       6.59 dB       0.001 %       0.001 %	Average Power	Caugaian		
10.0 %     2.92 dB     0.1 %       10.0 %     4.92 dB     0.1 %       0.1 %     5.87 dB     0.01 %       0.01 %     6.39 dB     0.01 %       0.001 %     6.59 dB     0.001 %				
0.1 %         5.87 dB         CF Step           0.01 %         6.39 dB         0.01 %         Auto         Man           0.001 %         6.59 dB         0.001 %         Freq Offset         0Hz	10.0 % 2.92 dB	1 %		
0.0001 % dB 0.001 % 0Hz		0.01 %	Au	5.000000 MHz
		0.001 %		
	start a c c e a a	Info BW 8.0000 MHz		

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# F.3 26dB Bandwidth and Occupied Bandwidth

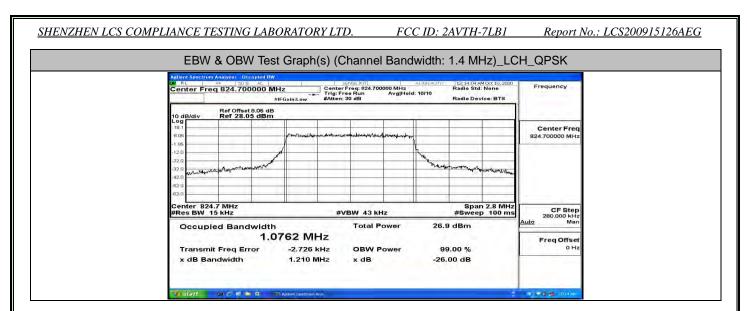
	EBW & OBW Te	est Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Wouldtion	Channel	(MHz)	(MHz)	verdict
	LCH	1.0762	1.210	PASS
QPSK	MCH	1.0789	1.211	PASS
	НСН	1.0765	1.233	PASS
	LCH	1.0779	1.240	PASS
16QAM	MCH	1.0777	1.224	PASS
	НСН	1.0804	1.228	PASS

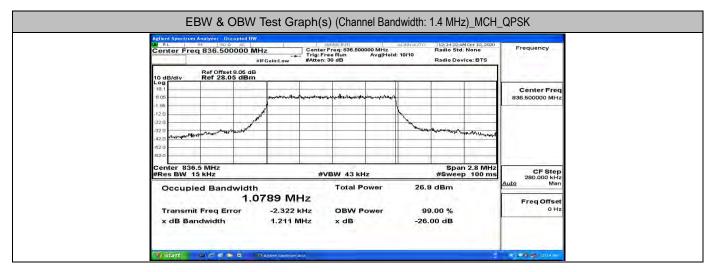
	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Woodlation	Channel	(MHz)	(MHz)	Verdict
	LCH	2.6855	2.883	PASS
QPSK	MCH	2.6852	2.910	PASS
	НСН	2.6821	2.868	PASS
	LCH	2.6867	2.897	PASS
16QAM	MCH	2.6878	2.900	PASS
	НСН	2.6816	2.878	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODUIATION	Channel	(MHz)	(MHz)	Verdict
	LCH	4.4703	4.831	PASS
QPSK	MCH	4.4729	4.794	PASS
	HCH	9.9095	10.00	PASS
	LCH	4.4863	4.786	PASS
16QAM	МСН	4.4786	4.792	PASS
	HCH	4.4687	4.812	PASS

	EBW & OBW Te	est Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	Verdict
	LCH	8.9256	9.444	PASS
QPSK	MCH	8.9263	9.426	PASS
	НСН	8.9210	9.363	PASS
	LCH	8.9075	9.367	PASS
16QAM	MCH	8.9388	9.417	PASS
	НСН	8.9061	9.397	PASS

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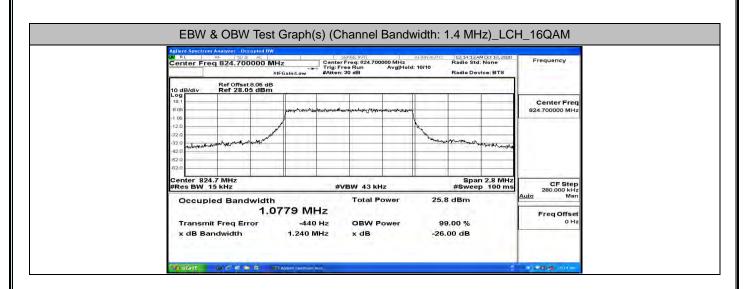


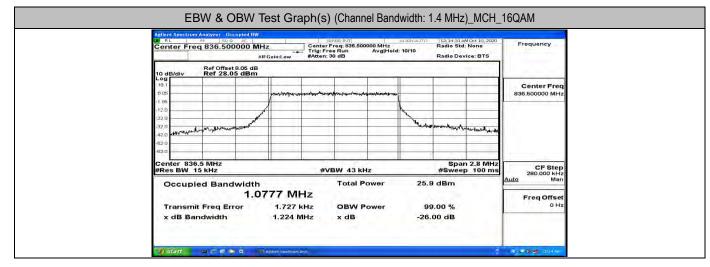


8.7         0.7 <th colspan="11">Addent Spectrum Analyzer - Orcupied IW: MR RL 9F 500 AC SERVALTO 12214/90/AMOCt 10,2020 Center Freq 848,300000 MHz Canter Freq: 843,300000 MHz Radio Std: None #IFGain:Low #Kten: 30 dB Radio Device: BTS</th>	Addent Spectrum Analyzer - Orcupied IW: MR RL 9F 500 AC SERVALTO 12214/90/AMOCt 10,2020 Center Freq 848,300000 MHz Canter Freq: 843,300000 MHz Radio Std: None #IFGain:Low #Kten: 30 dB Radio Device: BTS										
317         Anthomatical Activity         New Activity<	.og 18.3	B/div Ref 28.27 dBm									Center Free 848.300000 MH:
61.7	31.7 Manavera	phoneselitersaut	NONDERMAN					han when	<sup>46</sup> ปีห่ะจ่างระจะส่งว่าไรลาได	- Jown Harman	
Aute	51.7 51.7 Center 848	rz 12 12 enter 848.3 MHz Span 2.8 MHz								n 2.8 MHz	CF Step
Occupied Bandwidth Total Power 27.5 dBm	Occupied Bandwidth 1.0765 MHz					Total Power 27.5 dBm					280.000 kHz Auto Man Freq Offset 0 Hz

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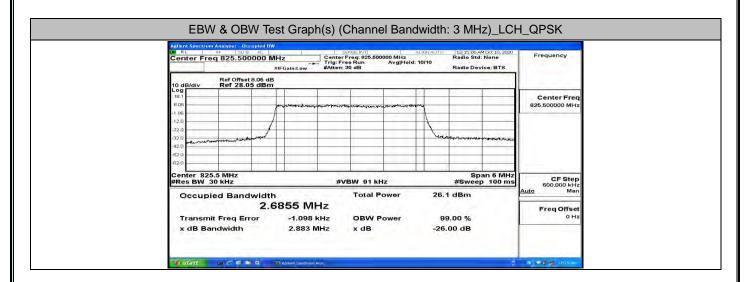


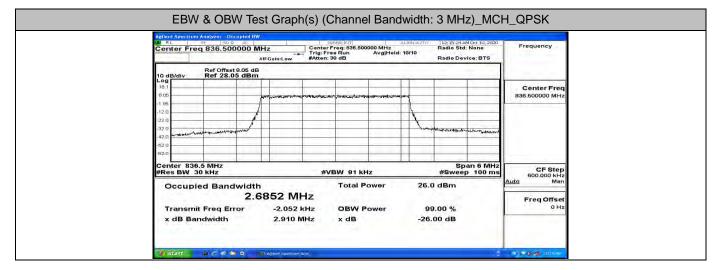
Agilent Spectrum Analyz	DO Q' AC	łz	CenterF	nse:INT req: 848.300	000 MHz	ALIGNAUTO	12:14:49 A Radio Std	M Oct 10, 2020	Frequency		
Conter Freq 64	and the second second second second	FGain:Low	#Atten: 3	e Run 0 dB	Avg Hold	10/10	Radio Dev	vice: BTS			
10 dB/div Rel	Offset 8.27 dB 28.27 dBm										
18.3 8.27				-sharena an	F/12-111-Riddan				Center Freq 848.300000 MHz		
-1.73		d .									
-21 7 -31,7	where when we proved the					And March	- Anton Carlow Party	M-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			
-41 7 -61 7 -61 7											
Center 848.3 MHz Span 2.8 MHz Res BW 15 KHz #Sweep 100 ms									CF Step		
Occupied Bandwidth Total Power 26.4 dBm								280.000 kHz Auto Man			
Transmit Fre	1.0804 MHz Transmit Freq Error -1.013 kHz OBW Power 99.00 %								Freq Offset 0 Hz		
x dB Bandwi	dth	1.228 M	AHZ	x dB		-26.	00 dB				

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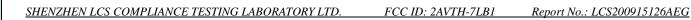
Report No.: LCS200915126AEG

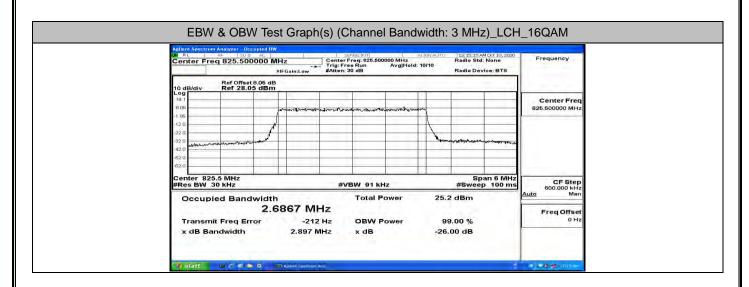


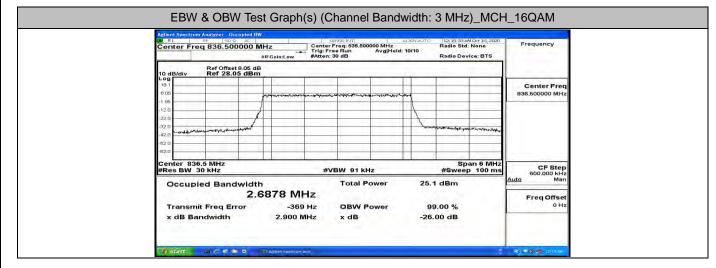


Center Freq 847,500000	enter Freg 847 500000 MHz Center Freg: 847 500000 MHz Radio Std: None									
	adam TI	rig: Free Run / Atten: 30 dB	Avg Hold: 10/	10	Radio Dev	ice: BTS				
Ref Offset 8.27 d 10 dB/div Ref 28.27 dBr	в									
							Center Freq			
8.27	monorman	*~~~~	winder taken	-			847.500000 MH			
-1.73	1			1						
217	/			1	-					
-31,7 -41,7 Annonangeliantin my ballshower				Sumo	and the second and the second second second					
-51.7				_	-					
-61.7					1					
Center 847.5 MHz #Res BW 30 kHz		#VBW 91 kHz				an 6 MHz 0 100 ms	CF Step 600.000 kHz			
Occupied Bandwidt	h	Total Pov	ver	26.	5 dBm		<u>Auto</u> Man			
2.	6821 MHz						Freq Offset			
Transmit Freq Error	OBW Pov	ver	99.00 %			0 Hz				
x dB Bandwidth	x dB Bandwidth 2.868 MHz			x dB -26.00 dB						

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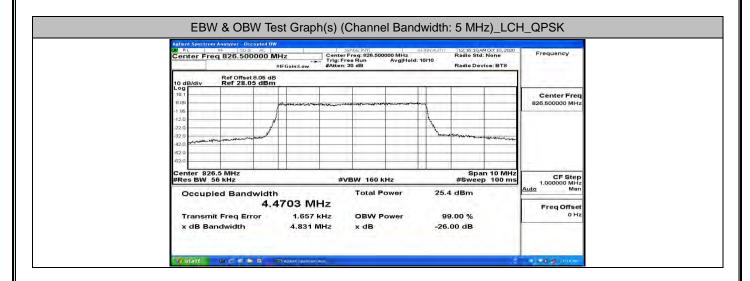


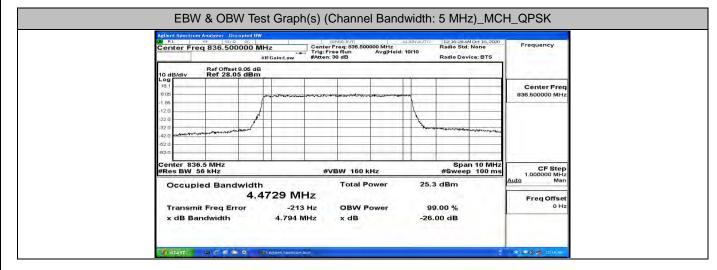
	RL 9F 50.0 AC SENSE.IUT ALKAVAUTO 12:15:52 AMOCt 10, 2020 enter Freq 847.500000 MHz Center Freq: 847.500000 MHz Radio Std: None → Crig: Freq Bun Avg Hold: 10/10										Frequency			
	10	Mar 199	,	#IFGain:Low	#Atten	: 30 dB	Avginoid: 1	0/10	Radio De	vice: BTS	s			
10 4		Ref Offset 8. Ref 28.27												
Log 18.3											Center Free 847.500000 MH			
-1.73			- 1	auto and and and	Carl and a straight of a		and we all the second			non				
-11.7			1	1.				1						
-31,7	mann	monument	1					here		-				
-41 /														
	ter 847.5							-		oan 6 MHz	CF Ster			
	#Res BW 30 kHz # Occupied Bandwidth						W 91 kHz #Sweep 100 ms Total Power 25.6 dBm				600.000 kHz Auto Man			
	2.6816 MHz										Freq Offse			
	Transmit Freq Error 195 Hz x dB Bandwidth 2.878 MHz				OBW Power 99.00 % x dB -26.00 dB				0 Hz					

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Report No.: LCS200915126AEG



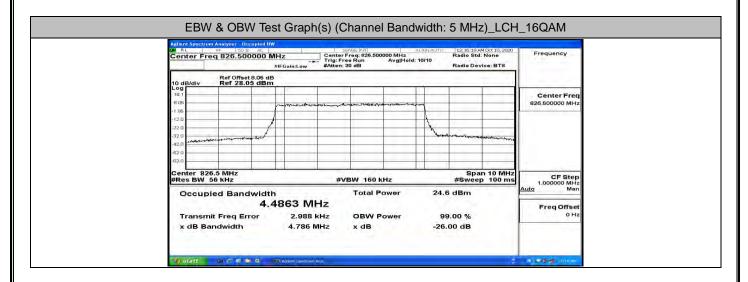


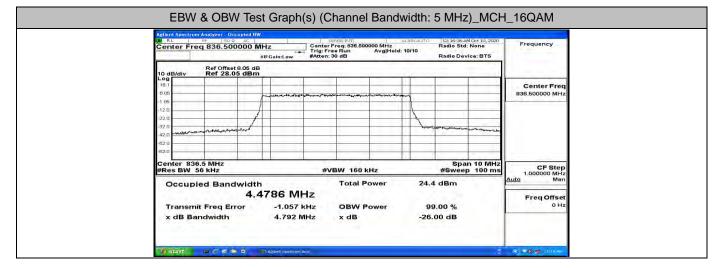
RL	Analyzer - Occupied B) RF [SO Q: AC ]		SENSE:INT	ALIGNAUTO	12:16:46 AMO	t 10, 2020	Frequency			
Center Freq	1 846.500000 N	Trig:1	er Freq: 846.500000 f Free Run Av n: 30 dB	ricqueriey						
10 dB/div	Ref Offset8.27 dB /div Ref 28.27 dBm									
18.3 8.27							Center Freq 846.500000 MHz			
-1.73										
-21 7 -31,7 -41 7										
-51.7						mariana				
Center 846. #Res BW 56		#	VBW 160 kHz	10 MHz 100 ms	CF Step					
Occupie	d Bandwidt	n 9095 MHz	Total Powe	or -41.	3 dBm		<u>Auto</u> Man			
Transmit x dB Ban	Freq Error	-794 Hz 10.00 MHz	OBW Powe		9.00 %		Freq Offset 0 Hz			

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Report No.: LCS200915126AEG

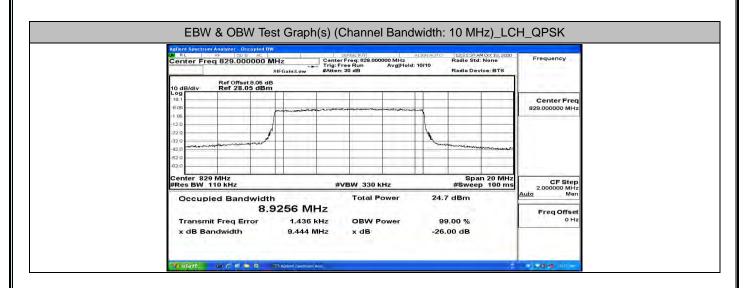


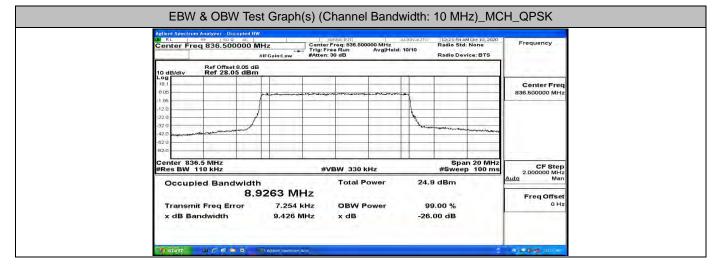


LW RE RF SDQ AC	W.	SENSE:INT	ALI	GNAUTO	12:21:13 AM	4Oct 10, 2020			
Center Freq 846.500000	Trig:	er Freq: 846.500 Free Run n: 30 dB	Avg Hold: 10	0/10	Radio Std: Radio Dev		Frequency		
Ref Offset 8.27 d 10 dB/div Ref 28.27 dB	iB n								
18.3 18.27	permationer		1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	-			Center Freq 846.500000 MHz		
-1.73	A								
-31.7 marshall and a second and a second				tru					
-61.7						_			
Center 846.5 MHz #Res BW 56 kHz		#VBW 160 k	Hz	1	Spai #Sweep	n 10 MHz 5 100 ms	CF Step 1.000000 MHz		
Occupied Bandwid		Total P	ower				Auto Man		
4. Transmit Freq Error	4687 MHz -2.793 kHz	OBW P	V Power 99.00 %			Freq Offset 0 Hz			
x dB Bandwidth	4.812 MHz	x dB		-26	.00 dB				

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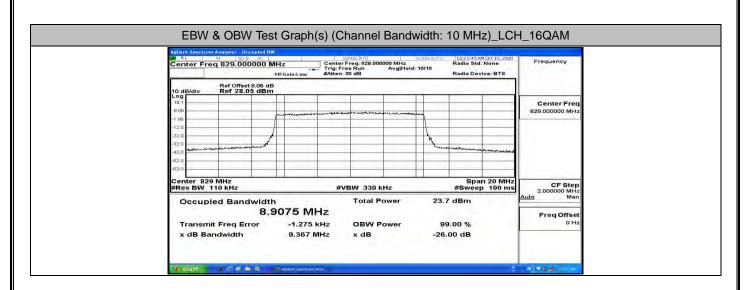


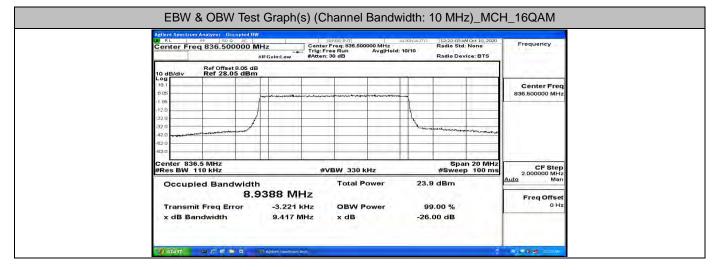


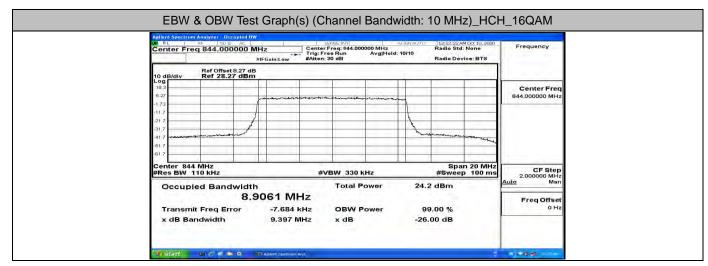
If g Fragers 8 din     Reg Offset 8 27 dB       To dB/div     Ref Offset 8 27 dB     Center 50 dB       10 dB/div     Ref 28.27 dBm     Center Fi       20 dB/div     Ref 28.27 dBm     CE 51       20 dB/div     Span 20 MHz     200000 M       Res BW 110 kHz     #VBW 330 kHz     #Sweep 100 ms       2000000 M     Auto     Muto	Center Freq 844.000000	MHz Cent	er Freq: 844.000000 MHz	ALIGN AUTO	Radio Sto	MOrt 10, 2020 d: None	Frequency
In delay         Ref 28.27 dBm           183         Center Fi           1840.00000 M           183         Center Fi           183         Center Fi           183         Center Fi           1840.00000 M         Center Fi           1840.00000 M         Center Fi           183         Center Fi           1840.00000 M		Irig:		d: 10/10	Radio De	vice: BTS	
Log         Center Fi           8.7	Ref Offset 8.27 d	1B m					
8.7         844,00000 M           173         1           174         1           175         1           177         1           178 <td>Log</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>Center Free</td>	Log				-		Center Free
11.7         17.7 <td< td=""><td></td><td>pro morrison and and and</td><td>-</td><td>www</td><td></td><td>-</td><td>844.000000 MHz</td></td<>		pro morrison and and and	-	www		-	844.000000 MHz
31.7     31.7       41.7     41.7       41.7     41.7       41.7     41.7       41.7     41.7       61.7     61.7       7.0     61.7       8.8     80.8       8.9     10.0       8.9     10.0       8.9     10.0       9.0     61.7       9.0     61.7       9.0     61.7       9.0     61.0       9.0     61.0       9.0     61.0       9.0     61.0       9	-11.7	1					
61.7	217					1	
61.7	-117 manageneral Manageneral			1	and the state of the		
Center 844 MHz Span 20 MHz #Res BW 110 kHz #VBW 330 kHz #Sweep 100 ms Occupied Bandwidth Total Power 25.2 dBm						~	
#Res BW         110 kHz         #VBW         330 kHz         #Sweep         100 ms         CFSI           Occupied Bandwidth         Total Power         25.2 dBm         Auto         Mate	Center 844 MHz				Spa	an 20 MHz	1
Occupied Bandwidth Total Power 25.2 dBm	#Res BW 110 kHz	1	#VBW 330 kHz			p 100 ms	2.000000 MHz
			<b>Total Power</b>	25.	2 dBm		<u>Auto</u> Man
ried out	8.	.9210 MHz					Freq Offset
Transmit Freq Error -9.652 kHz OBW Power 99.00 % <sup>0</sup> x dB Bandwidth 9.363 MHz x dB -26.00 dB							0 Hz

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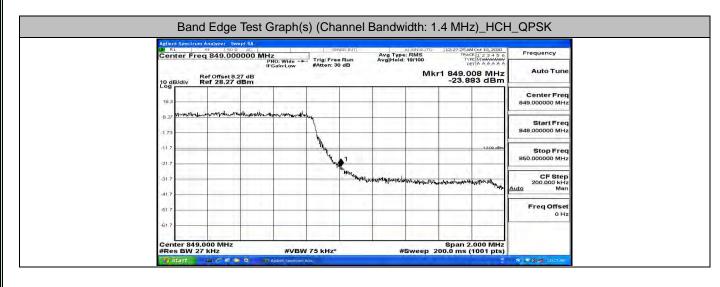


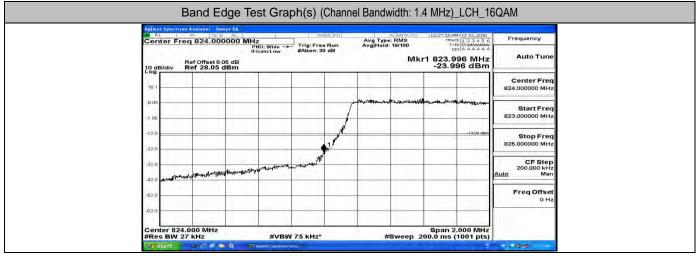


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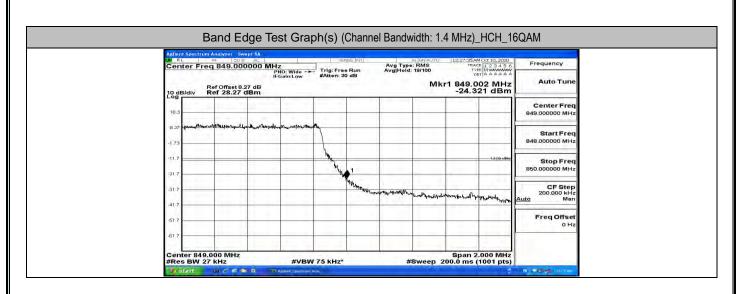
### F.4 Band Edge

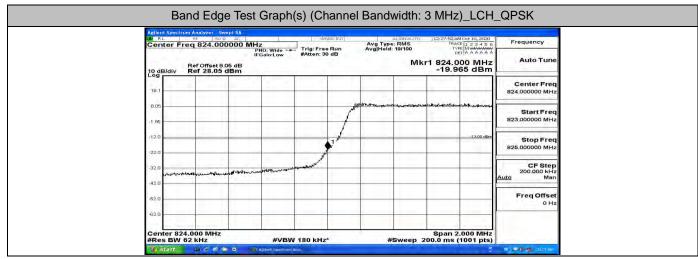
Cer		q 824.00	0000 MH2		at Carl Street 10	SE:INT	Avg Type Avg Hold	RMS	12:27:06 AM Oct 10, TRACE 1 2 3 TYPE MWAAP DET A A A	456	Frequency
10 d	B/div	Ref Offset 8. Ref 28.05	IF: 05 dB	IO: Wide -+ Sain:Low	#Atten: 30	dB	Avginoid.		1 823.996 M -23.640 dl	Hz	Auto Tune
18.1				1							Center Freq 824.000000 MHz
8.09 -1.95	1.1					1	arinen the second	ngantra hanyatu.	adantina duka duka ang	uesta#	Start Freq 823.000000 MHz
-12.0						2. 100	-		-13.0	D-ellien	Stop Freq 825.000000 MHz
-22.0	wanter	angulat no standarda	Lefatter rolling about	magana	woonspathal						CF Step 200.000 kHz Auto Man
-62.0											Freq Offset 0 Hz
-62.0										-1	





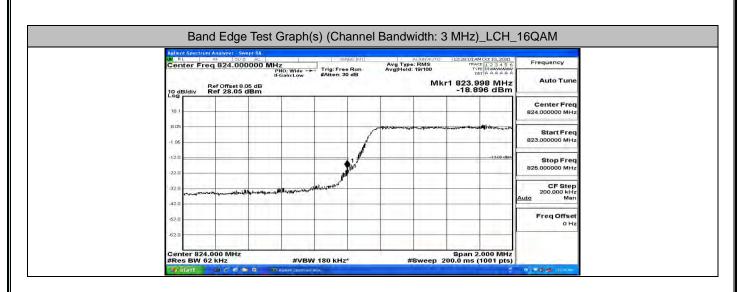
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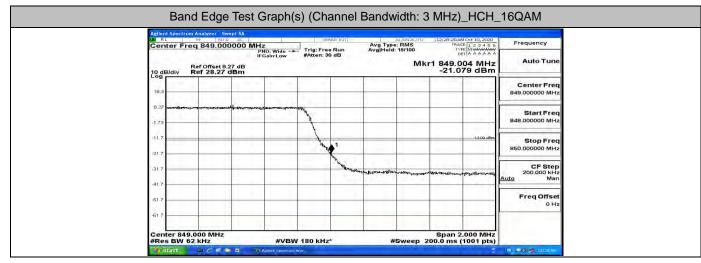




Agile		m Analyzer					ENSE INT		ALIGNAUTO	12:28:11 AMOct 1	0.2020 1	
		eq 849.		O MH2	z 10: Wide -+	and the state of the state	1.4	Avg Typ Avg Hol	e: RMS	TRACE 1 2 TYPE MW DET A A	3456	Frequency
10 0	B/div	Ref Offs Ref 28.	at 9.27 dE 27 dBm	IF.	Gain:Low	#Atten:	30 dB			r1 849.000 -20.643	MHz	Auto Tune
18.	12.20									-		Center Freq 849.000000 MHz
8.2		cijila Basa-sordi	Buggerag	Baana pr	a ditasyapany	1						Start Freq 848.000000 MHz
-11.3	7	_				M	•1	_			3-00-dBm	Stop Freq 850.000000 MHz
(21.3 -31.3	7	-					No.		and the formation of the second s		allerians./a	CF Step 200.000 kHz Auto Man
-41.3	7											Freq Offset
-61.3	7	_	_	-				_	-			

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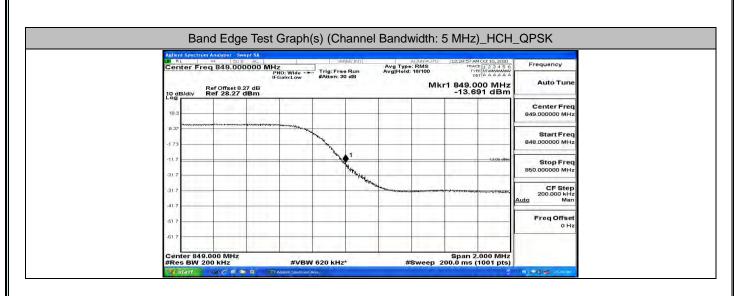


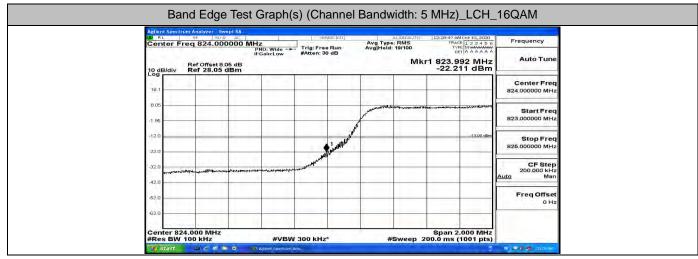


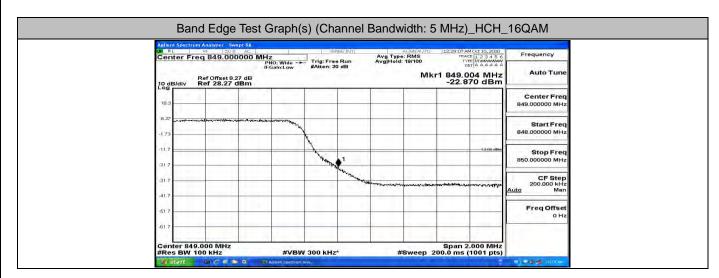
Control         Prec or 22.000000 mm         Materia         Avgitality 19/100         Prec or 23.05 dBm         Auto Tune           10         Galdraw         Ref 28.05 dBm         -22.068 dBm         Center Freq 824.000000 MHz           10         Galdraw         -22.068 dBm         -22.068 dBm         Center Freq 824.000000 MHz           10	Agilent Spectrum Analyzer - Swept SA W RL RF (50 Q AL)	EINT ALIGNAUTO 12:28:38.AMOct 10, 2020	Frequency
Ref Offset 8 06 dB         Mkr1 823.996 MHz -22.068 dBm         Auto Tune           10 dB/div         Ref 28.05 dB         Center Freq 824.000000 MHz           805         Start Freq 824.000000 MHz           10 dB/div         Image: Start Freq 824.000000 MHz           10 dB/div         Image: Start Freq 823.00000 MHz           10 dB/div         Image: Start Freq 823.00000 MHz           120         Image: Start Freq 825.000000 MHz           120         Image: Start Freq 825.000000 MHz           20         Image: Start Freq 826.00000 MHz           20         Image: Start Freq 826.00000 MHz           20         Image: Start Freq 826.000000 MHz	Center Freq 824.000000 MHz	Avg Type: RMS TRACE 1 2 3 4 5 Run Avg Hold: 19/100 Type Minimum	Frequency
18.1     Center Freq       18.6     Start Freq       19.7     Start Freq       19.8     Start Freq       19.9     Start Freq       19.1     Start Freq       19.2     Start Freq       10.3     Start Freq       10.4     Start Freq       10.5     Start Freq       10.6     Start Freq       10.7     Start Freq	Ref Offset 8.05 dB 10 dB/div Ref 28.05 dBm	Mkr1 823.996 MH	Auto Tune
195     Start Freq 823.00000 MHz       120     1500 dem       220     1500 dem       220 <t< td=""><td></td><td></td><td></td></t<>			
195         323,00000 MHz         323,00000 MHz           120         1300 dm         3500 dm           220         1300 dm         255,00000 MHz           220         1300 dm         250,00000 MHz           220         1300 dm         250,00000 MHz           220         1300 dm         250,00000 MHz           220         1300 dm         200 Mz	8.05	porcelation the product of the second on the second of the	Ptart Eron
220 220 220 220 220 220 220 220	-1.95		
220 220 CF Step 220 20 20 20 20 20 20 20 20 20 20 20 20	-12.0	-13.00-dia	
420 420 520 520 520 520 520 520 520 5	22.0		
520 Freq Offset	how an another ballion and a second a second and the second and th		200.000 kHz
0 Hz	-62.0		
-62.0	-62.0		0 Hz

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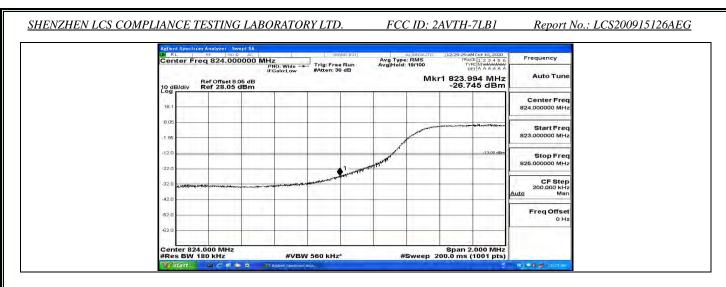


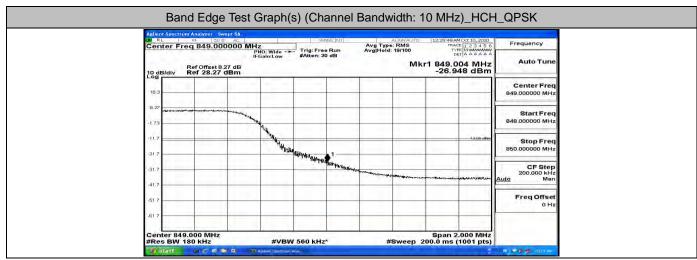


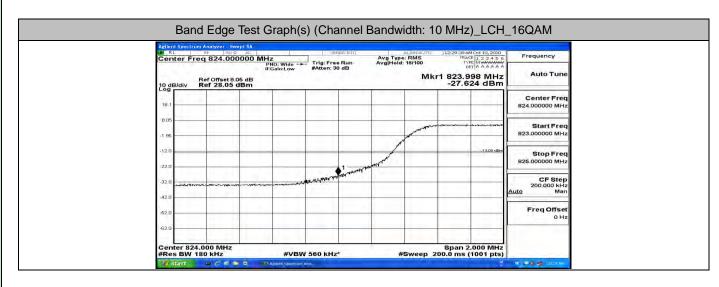


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK

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Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

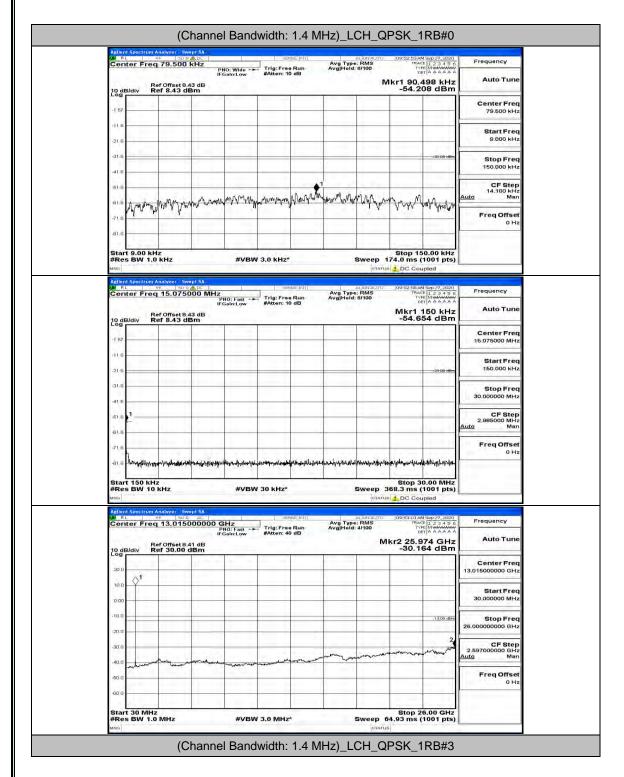
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Center Freq 849.000000 MHz Miles Wide + Marken: 30 dB Marken: 30 dB	Cent		eq 849.00	0000 841	łz		NSE:INT	Avg Type Avg Hold	RMS	12:29:58 AMO	123456	Frequency
183     Center Freq       183     Start Freq       183     Start Freq       173     Start Freq       173     Start Freq       174     Start Freq       175     Start Freq       176     Start Freq       177     Start Freq       177     Start Freq       177     Start Freq       178     Start Freq       177     Start Freq       178     Start Freq       188	10 dE	B/div	Ref Offset 8 Ref 28.27	0.27 dB	PNO: Wide -+ FGain:Low	#Atten: 3	o dB	wv8[Hold:		1 849.00	8 MHz	Auto Tune
1.73     Start Freq       317     Stop Freq       317     Stop Freq       312     Stop Freq       417     Stop Freq       617     Stop Freq       618.0000 MHz     Span 2.000 MHz	127	11.7	1	1								
317         Stop Freq           318         Stop Freq           319			- and the second second	- alemanter	<b>N</b>							
612 617 617 Center 849.000 MHz Span 2.000 MHz	-11.7			-	- Allin						4.3.00 dBm	Stop Freq
612 617 617 Center 849.000 MHz Span 2.000 MHz					1444	AUTION TO AN HIM OF	1	lipto marine the sec	marnetic	erange tagensolaties	-12-12-12-12-12-12-12-12-12-12-12-12-12-	CF Step 200.000 kHz Auto Man
Center 849.000 MHz Span 2.000 MHz												FreqOnset
Center 849.000 MHz Span 2.000 MHz #Res BW 180 KHz #VBW 560 KHz* #Sweep 200.0 ms (1001 pts)	-61.7			-	1							
					#VBV	V 560 KHz	*	#	Sweep 20	Span 2.0	00 MHz	

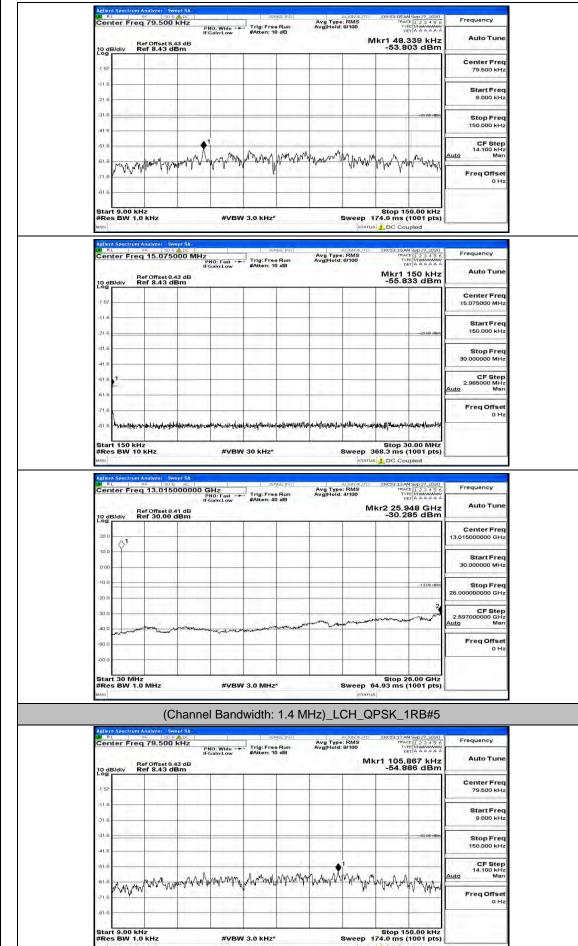
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# **F.5 Conducted Spurious Emission**

## **Channel Bandwidth: 1.4 MHz**



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SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.

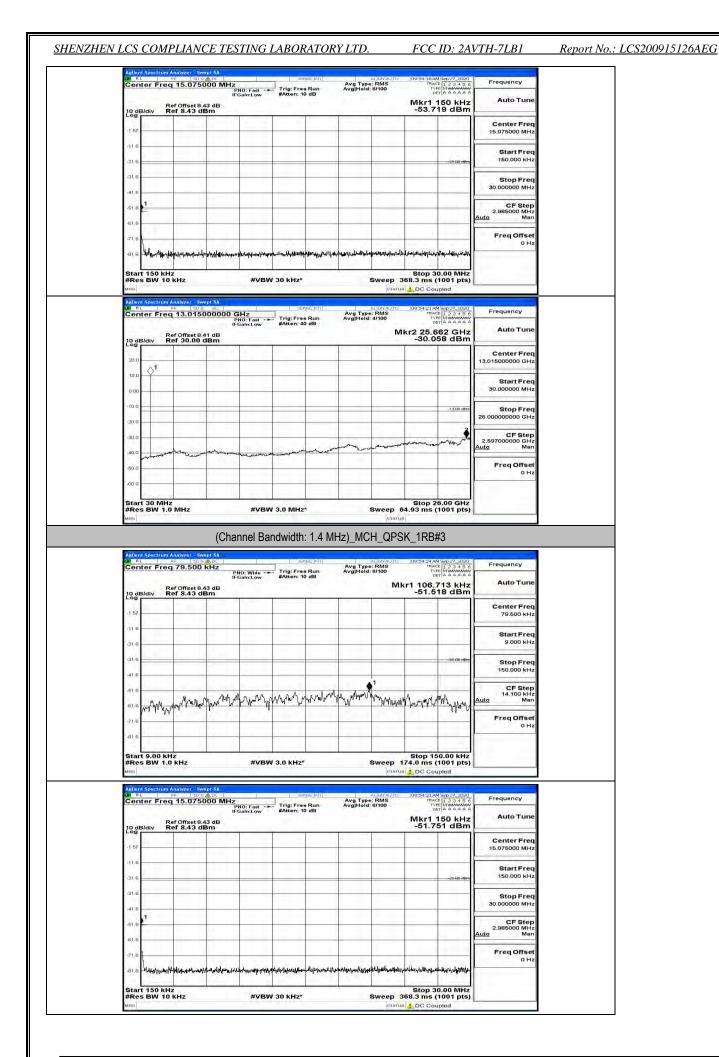
FCC ID: 2AVTH-7LB1 Report No.: LCS200915126AEG

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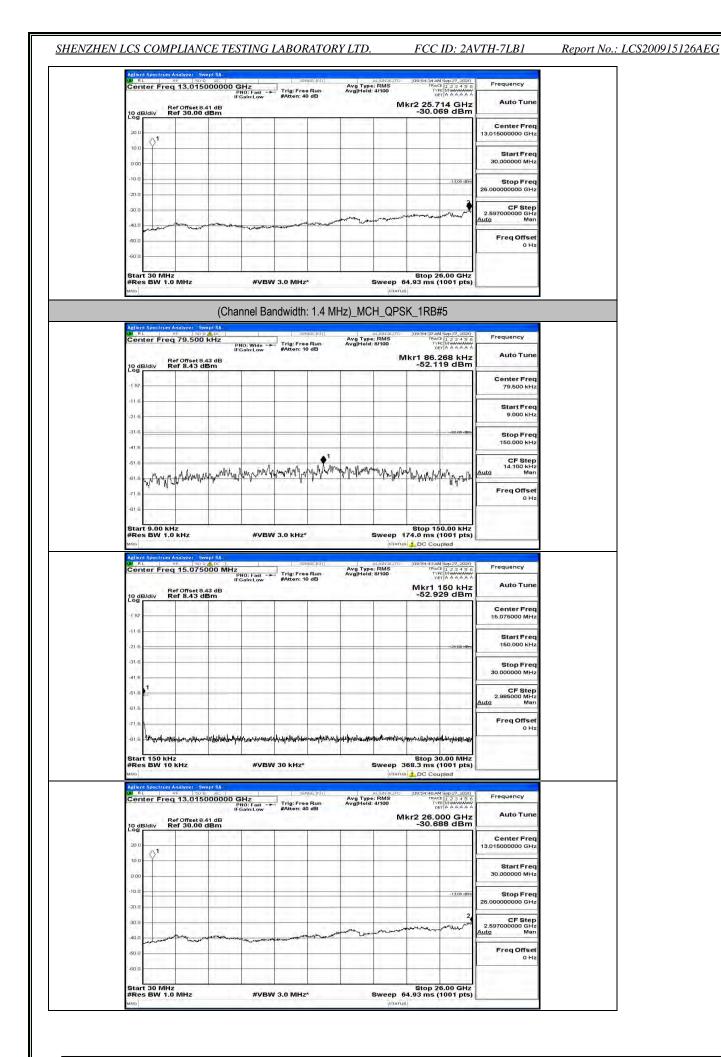
DC Coupled

and the state of the state	Mkr1 150 kHz -52.806 dBm	M	Avg Typ Avg Hold	Trig: Free Run #Atten: 10 dB	Z PNO: Fast - F FGain:Low	1 set 8.43 dB	Ref Offset	
Center Fre 15.075000 MH					-			10 dB/c
Start Fre	-29-80 dBm				-			-116
Stop Fre 30.000000 MH					-			-31.6
CF Ste 2.985000 MH Auto Ma								-61.6
Freq Offse								-51.6
Frequency	DC Coupled	ALIGNAUTO 109: :: RMS : 4/100	Avg Typ Avg Hold	Trig: Free Run #Atten: 40 dB	GHz PNO: Fast → FGain:Low	015000000 (	ectrum Analyzer	RL
Auto Tun	2 26.000 GHz	IVIKE2				Bh IL R to	Pat Offeat	
Center Free	2 26.000 GHz -30.537 dBm					set 8.41 dB .00 dBm	1.1.1	10 dB/c
Auto Tune Center Free 13,015000000 GH: Start Free 30.000000 MH;	2 26.000 GHz -30.537 dBm					set 8.41 dB 1.00 dBm	div Ref Offset Ref 30.0	131 F
Center Fre 13.01500000 GH Start Fre 30.00000 MH Stop Fre	2 26.000 GHz -30.537 dBm -1300 dBm					set 8.41 dB .00 dBm	div Ref 30.0	20 0 10 0 0 00 -10 0
Center Fre 13.01500000 GH Start Fre 30.00000 MH Stop Fre 26.00000000 GH	-30.537 dBm	101KF2				set 8.41 dB .00 dBm	div Ref 30.0	20 0
Center Free 13.01500000 GH Start Free 30.00000 MH Stop Free 26.00000000 GH	-30.537 dBm					.00 dBm	div Ref 30.0	20.0 10.0 -10.0 -20.0
Center Free 13.015000000 GH Start Free 30.000000 MH 26.00000000 GH 2.597000000 GH Auto Mar Free Offsee	-30.537 dBm					.00 dBm	div Ref 30.0	20 0

Frequency	123456 MMMMMM TAAAAAA	09:54:12 AM	RMS	Avg Type Avg Hold:	DSE:INT	Carolina III		kHz	79.500 H		Cent
Auto Tune		kr1 91.3		Avginora.	dB	#Atten: 10	PNO: Wide ++ FGain:Low	IF 3 dB	ef Offset 8.4: ef 8.43 dB	Idiv R	10 dB
Center Freq 79.500 kHz										1.1.1	-1 57
Start Freq 9.000 kHz						-	-				-11.6
Stop Freq 150.000 kHz	-33:88 dBm									-	-31.6
CF Step 14:100 kHz Auto Man	VM ANNA MA	n name	manna	noprim. www.w	m mint	MMMM	man my	mannow	ulling A	Sec. 4	
Freq Offset 0 Hz	hallan	- 10 V 1 VV	. 1.1.			4		φ	pr-11 - 4	Prese Barrens B	-716
	-				1			1.		1000	-81.6



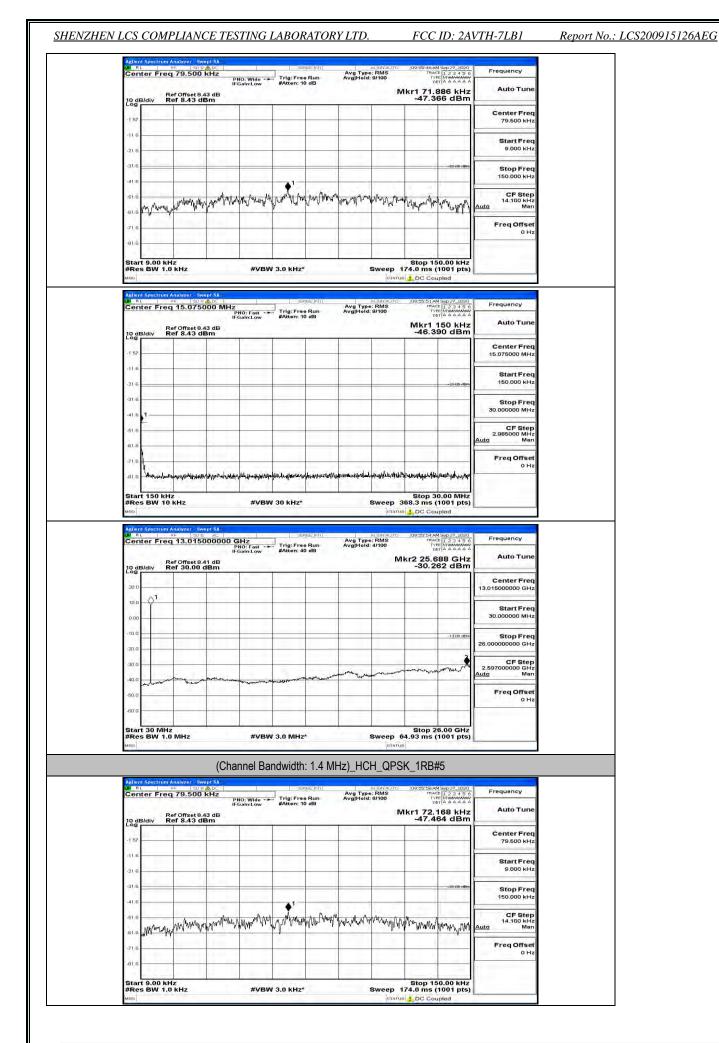
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Agilent Spectrum Analyzer Swept	DC SPRIGE!	TUANBU IA	0 [09:55:34 AM Sep 27, 2020]	Frequency
Center Freq 79.500 kH	IFGain:Low #Atten: 10 dE	a second s	TRACE 1 2 3 4 5 6 TVPE MUMANAAA DET A A A A A A	Auto Tune
10 dB/div Ref 8.43 dBn	dB n		Mkr1 86.127 kHz -48.464 dBm	
-1 57				Center Freq 79.500 kHz
-11.6			_	Start Freq
-21.6				9.000 kHz
-31.6		-1	38-AD-dBm	Stop Freq 150.000 kHz
SIS MANY MMMMM	warman war an warman war	Manaharaharaharah	Man Man	CF Step 14.100 kHz Auto Man
-71.6	(***)		1.000	Freq Offset
-81.6				0 Hz
Start 9.00 kHz			Stop 150.00 kHz	
#Res BW 1.0 kHz	#VBW 3.0 kHz*		174.0 ms (1001 pts)	-
Aglient Spectrum Analyzer - Swept	SA SENSE 1	NT ALIGNAUT	0 09:55:39 AM Sep 27, 2020	1-
Center Freq 15.07500	O MHz PNO: Fast Trig: Free Ru IFGain:Low #Atten: 10 dE	Avg Type: RMS Avg Hold: 8/100	TYPE MUMANAMA DET A A A A A	Frequency
10 dB/div Ref 8.43 dBn	dB		Mkr1 150 kHz -48.956 dBm	Auto Tune
-1 57				Center Freq 15.075000 MHz
411.6				
-21.6			- 20.00 dBm	Start Freq 150.000 kHz
-31.6				Stop Freq
-41.6				30.000000 MHz
-61.6				CF Step 2.985000 MHz
-61.6				<u>Auto</u> Man
-71,6			A CONTRACTOR	Freq Offset 0 Hz
-81.6	งะนั้งการเขาสุรปสมมารูปรัญชิตสุกรมีสังที่สุดไหว้อาสารได้เรียง 	lowine all a state of the first of the second state of the second	ndypphfillendaliferindaliketalistetet	
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Sweep	Stop 30.00 MHz 368.3 ms (1001 pts)	
MSQ		ета	mus 1 DC Coupled	
Agilent Spectrum Analyzer - Swept	AL SENSE:	ni Avg Type: RMS n Avg Hold: 4/100	10 09:55:42 AM Sep 27, 2020 TRACE 1 2 3 4 5 6 TYPE Minimum DET A A A A A A	Frequency
10 dB/div Ref Offset 8.41	IFGain:Low #Atten: 40 dE		Mkr2 25.636 GHz -30.019 dBm	Auto Tune
20.0				Center Freq 13.015000000 GHz
10.0 01				
0.00				Start Freq 30.000000 MHz
-10.0			-1.3,00 stbm	Stop Freq
-20.0				26.000000000 GHz
-30.0				CF Step 2.597000000 GHz Auto Man
-40.0 winter and the manufacture	the other standing of the sector such			
-50.0				Freq Offset 0 Hz
-60.0				

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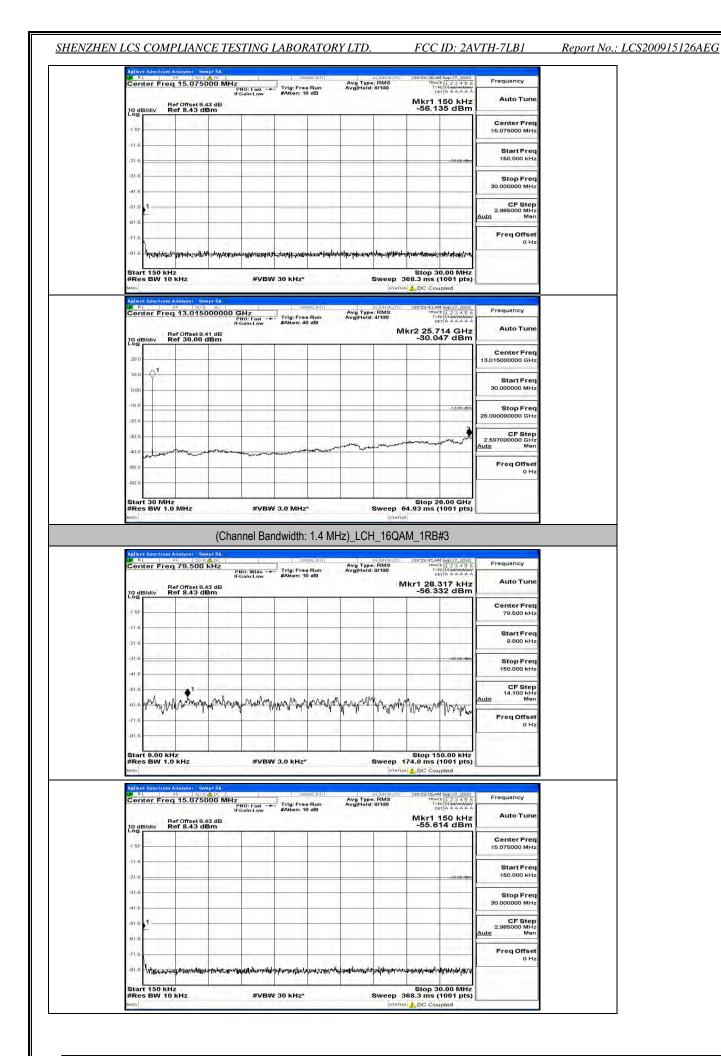


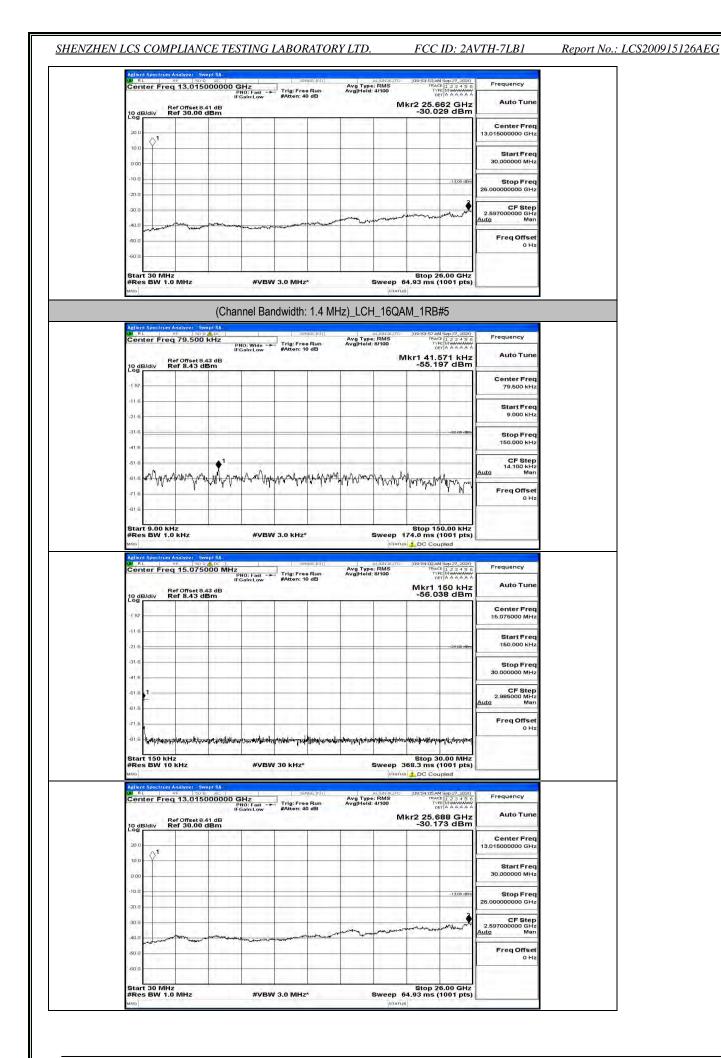
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Frequency	09:56:03 AM Sep 27, 2020 TRACE 1 2 3 4 5 6	Avg Type: RMS Avg Hold: 8/100	sense in r	5000 MHz	Freq 15.07	RL
Auto Tun	Mkr1 150 kHz -49.899 dBm	Avg Hold: 8/100	Trig: Free Run #Atten: 10 dB	PNO: Fast -+ IFGain:Low 8.43 dB	Pat Offeat	
Center Fre 15.075000 MH						10 dB/div
Start Free 150.000 kH	-26-88-dBm					-116
Stop Free 30.000000 MH;						-31.6
CF Step 2.985000 MH Auto Mar					-	-51 6
Freq Offse						-71 6
0 Hz	Stop 30.00 MHz 58.3 ms (1001 pts) 1 DC Coupled	STATUS	30 kHz*	#VBV		Start 150 #Res BW
Frequency	Stop 30.00 MHz 38.3 ms (1001 pts)	Sweep 3	30 kHz*	#VBV	50 KHz W 10 KHz	Start 150 #Res BW MSG Agilent Spec
Frequency	Stop 30.00 MHz 38.3 ms (1001 pts) DC Coupled	Avg Type: RMS AvgHold: 4/100	30 kHz*	#VBV wept SA Solocoo CHz PRO: Fast -+ IFGainLow	50 kHz W 10 kHz er of the second seco	Start 150 #Res BW MSC Action Spec X RL Center F
	Stop 30.00 MHz 38.3 ms (1001 pts) DC Coupled TACE 1,23456 TACE 1,234566 TACE 1,234566 TACE 1,2	Avg Type: RMS AvgHold: 4/100	30 kHz*	#VBV wept SA Solocoo CHz PRO: Fast -+ IFGainLow	50 kHz W 10 kHz er of the second seco	Start 150 #Res BW Molent Spect Mellent Spect To dB/div 0 dB/div
Frequency Auto Tune Center Freq	Stop 30.00 MHz 38.3 ms (1001 pts) DC Coupled TACE 1,23456 TACE 1,234566 TACE 1,234566 TACE 1,2	Avg Type: RMS AvgHold: 4/100	30 kHz*	#VBV wept SA Solocoo CHz PRO: Fast -+ IFGainLow	50 kHz W 10 kHz er(r)m Analyzer Preg 13.01 Ref Offset Ref 30.00	Start 150 #Res BW Molent Spect Mellent Spect To dB/div 0 dB/div
Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq	Stop 30.00 MHz 38.3 ms (1001 pts) DC Coupled TACE 1,23456 TACE 1,234566 TACE 1,234566 TACE 1,2	Avg Type: RMS AvgHold: 4/100	30 kHz*	#VBV wept SA Solocoo CHz PRO: Fast -+ IFGainLow	50 kHz W 10 kHz er(r)m Analyzer Preg 13.01 Ref Offset Ref 30.00	Start 150 #Res BW Mile Male Male Male Senter F 10 dB/div 200
Frequency Auto Tune Center Frec 13.01500000 GHz Start Frec 30.00000 MHz Stop Frec	Stop 30.00 MHz 38.3 ms (1001 pts) DC Coupled 10050.00AH sep 27,2000 10050.00AH sep 27,2000 10070 AAAAAA str2 25.714 GHz -29.688 dBm	Avg Type: RMS AvgHold: 4/100	30 kHz*	#VBV wept SA Solocoo CHz PRO: Fast -+ IFGainLow	50 kHz W 10 kHz er(r)m Analyzer Preg 13.01 Ref Offset Ref 30.00	Start 150 Miso Miso Center F 200 10 dBJdiv 200 10 d

	1 Sep 27, 2020	09:53:33 AM	LIGNAUTO		USE:INT	- 59			RF 50.9		Agilent RL
Frequency	E 123456 E MMMMMMM	TRACE	RMS	Avg Type Avg Hold:	Run	Trig: Fre	NO: Wide -+	kHz Pl	q 79.500 l	ter Fre	Cent
Auto Tune		kr1 42.4	м		0 dB	#Atten: 1	Gain:Low	3 dB	Ref Offset 8.4 Ref 8.43 de	B/div	10 dB
Center Freq 79.500 kHz			_					1			-1 57
Start Freq 9.000 kHz											-116-
Stop Freq 150.000 kHz										-	-31.6
CF Step 14.100 kHz Auto Man			w	N. M. MAN	n	ALM	and allow		www.www.	Mu.	-51 6 -
Freq Offset 0 Hz	AN MANNA C	ninitian	h n n n n n n n n n n n n n n n n n n n	anahan ri	Andrea	halt and	Man Min an	Nm (r.m.)	want a raint	k-ifedh	616 716
		<u> </u>						1.	1	3.000	-81.6

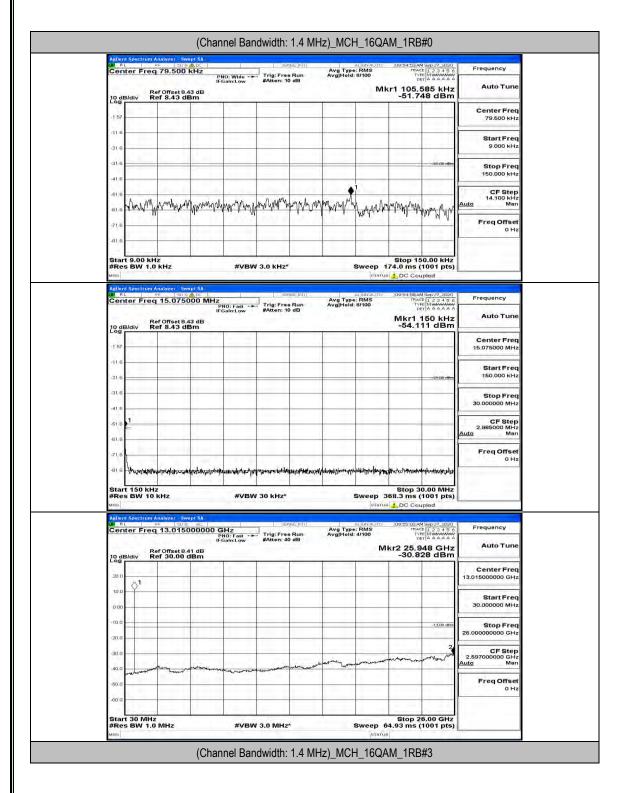
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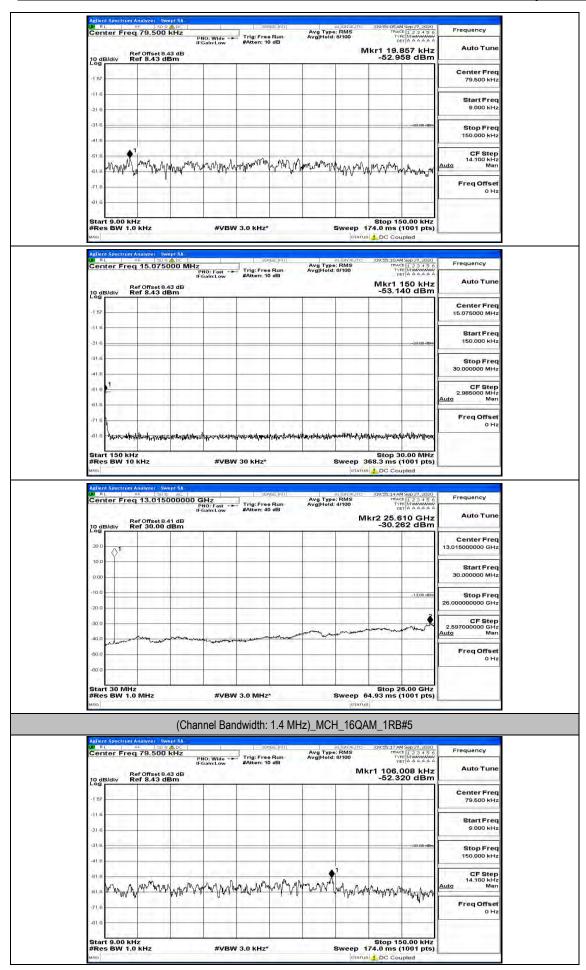
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10 dB/div Ref 8.43 dBm	D MHz PNO: Fast IFGain:Low #Atten: 10	Avg Type: RMS Run Avg Hold: 9/100 dB	100:55:224M Sep 27, 2020 TRACE 1 2 3 4 5 0 TYPE HUMMWWW DET A & A & A & A Mkr1 150 kHz -52.741 dBm	Auto Tune	
-1 57				Center Freq 15.075000 MHz	
-21.6			-20-00 dBm	Start Freq 150.000 kHz	
-31.6				Stop Freq 30.000000 MHz	
-61.6				CF Step 2.985000 MHz Auto Man	
-71.6	เพาะหมุดเหตุการประกาศสาราช			Freq Offset 0 Hz	
Center Freq 13.015000 Ref Offset 8.41 d 10 dB/div Ref 30.00 dB	PNO: Fast Trig: Free IFGain:Low #Atten: 40	Avg Type: RMS Run Avg Hold: 4/100 dB	100 109:55:26 AM Sup 27, 2020 TRACE 1 2 3 4 5 0 TYPE MUMMAN DET A A A A A A NET 2 25 662 CH3		
Ref Offset 8.41 c	IB		Mkr2 25 662 GH	Auto Tune	
20.0	m		Mkr2 25.662 GHz -30.168 dBm	Center Freq 13.015000000 GHz	
Log	m		-30.168 dBm	Center Freq	
20.0	m		-30,168 dBm	Center Freq 13,015000000 GHz Start Freq	
20 0 10 0 10 10 0 10 0 1	m			Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq	
20 0 10 0 10 10 0 10 0 1	m		-1300 (89	Start Freq           30.050000 GHz           Start Freq           30.000000 MHz           Stop Freq           26.0000000 GHz           2.557000000 GHz	
200 0 1000 1000 1000 1000 1000 1000 100	#VBW 3.0 MHz*		-1300 (89	Center Freq           13.015000000 GHz           Start Freq           30.000000 GHz           Stop Freq           25.00000000 GHz           2.597000000 GHz           Auto           Freq Offset           0 Hz	

-15

-21 6 -31 6

-41

61

61

-71

Whym

Start 9.00 kHz #Res BW 1.0 kHz

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manna

#VBW 3.0 kHz\*

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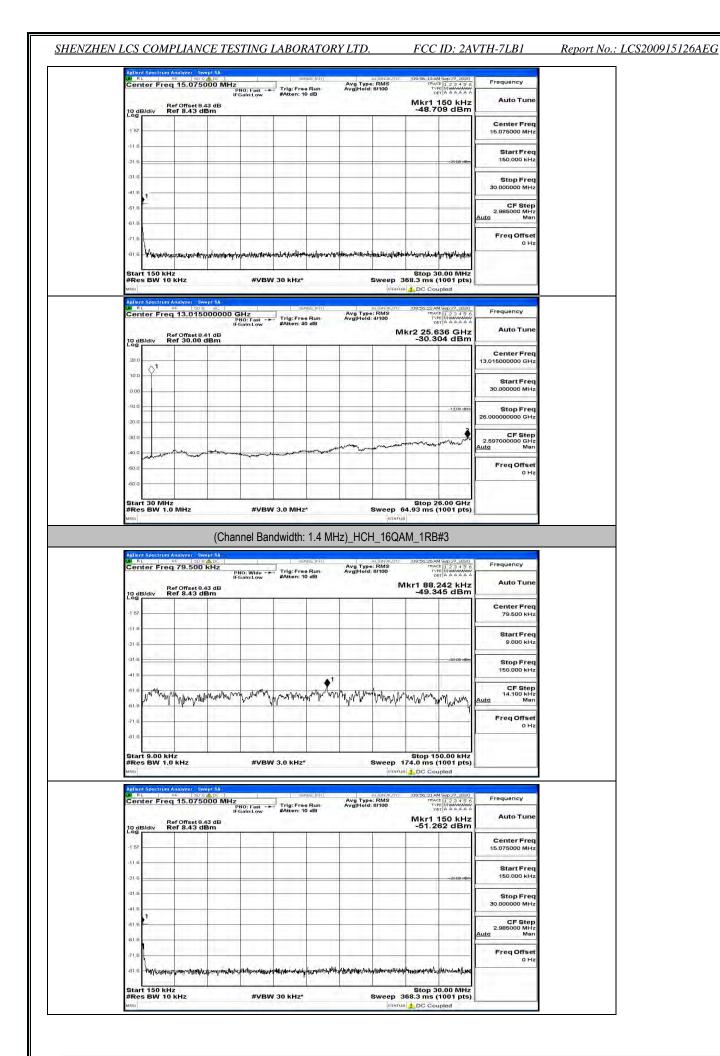
Stop 150.00 kHz Sweep 174.0 ms (1001 pts) Center Freq 79.500 kHz

> Start Freq 9.000 kHz

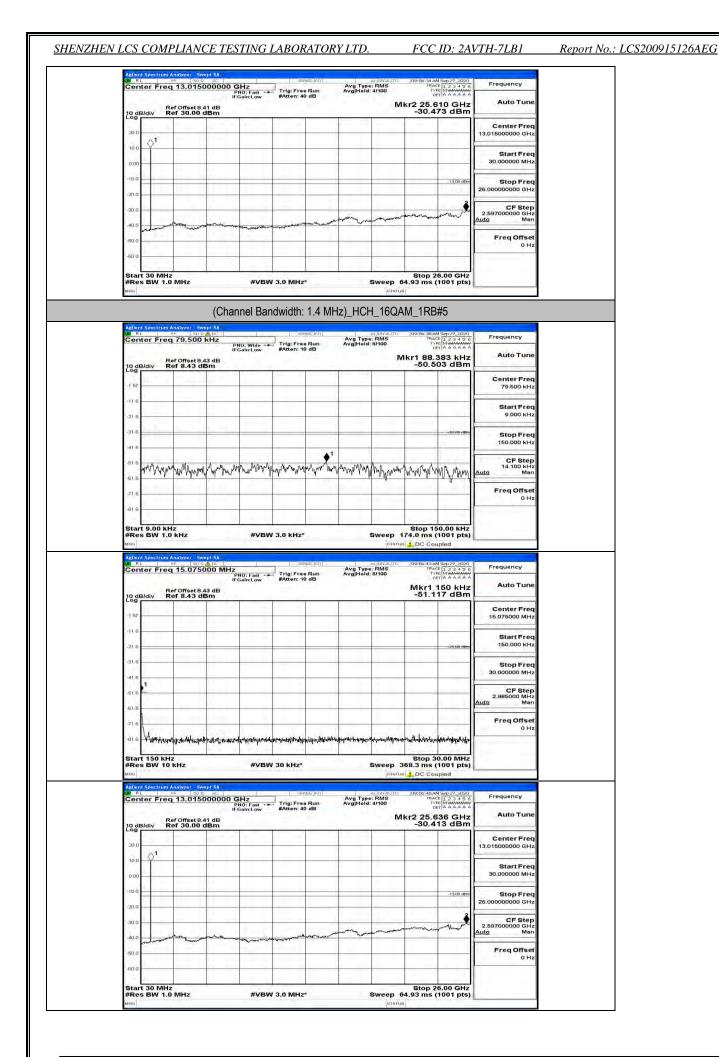
Stop Fred 150.000 kHz

CF Step 14.100 kHz Man

Freq Offset 0 Hz



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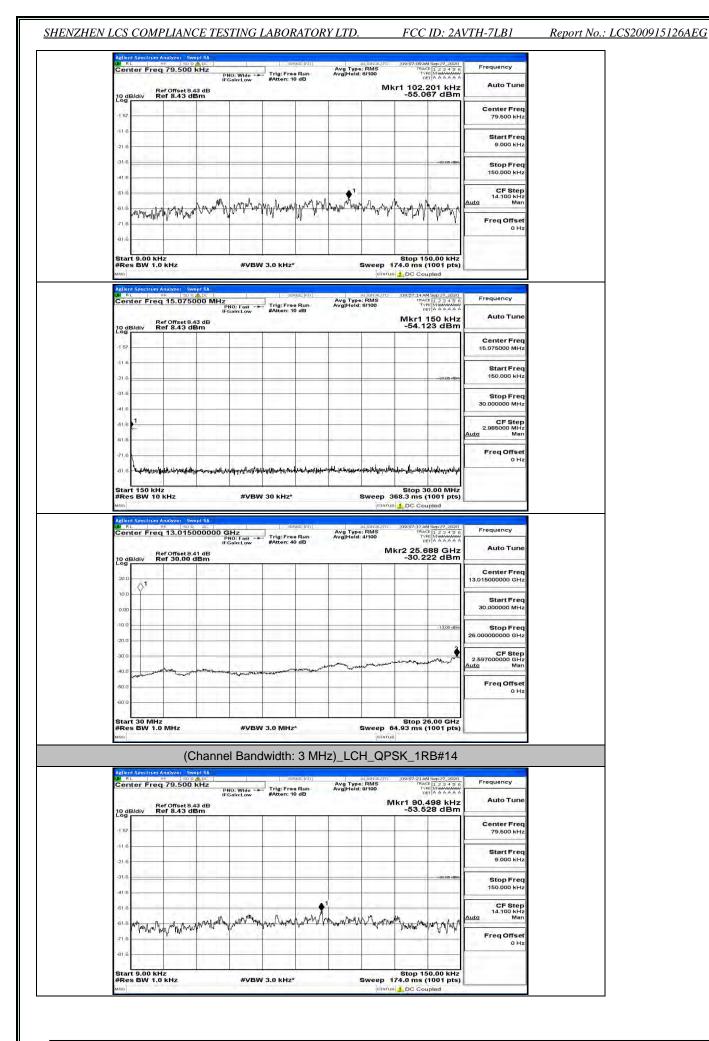


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## **Channel Bandwidth: 3 MHz**

Spectrum Analyzer Swept SA 9F SOR ALDC ter Freq 79.500 kHz	1 98	NGE:INT Avg Typ e Run Avg Hold	ALIGNAUTO 09:56:56 e: RMS TR	AM Sep 27, 2020	Frequency
Ref Offset 8.43 dB Ref 8.43 dBm	PNO: Wide Trig: Fre IFGain:Low #Atten: 1	e Run AvgiHolo 10 dB	Mkr1 90	216 kHz 742 dBm	Auto Tune
N T A T NA 1					Center Freq 79.500 kHz
					Start Freq 9.000 kHz
				-33:00-dBm	Stop Freq 150.000 kHz
	a and a Are	antha a ha	Q. 0. 0.		CF Step 14.100 kHz Auto Man
mangeman	remained which the	aller an hour and	and manufalling the	And And And	Freq Offset
					0112
9.00 kHz BW 1.0 kHz	#VBW 3.0 kHz		Stop ' Sweep 174.0 ms		_
Spectrum Analyzer - Swept SA	Hz	Avg Typ	ALIGNAUTO 09:57:02	AM Sep 27, 2020 ACE 1 2 3 4 5 6 YPE MWWWWWW DET A A A A A A	Frequency
Ref Offset 8,43 dB	PNO: Fast Trig: Fre IFGain:Low #Atten: 1	e Run AvgiHole	Mkr1	150 kHz 520 dBm	Auto Tune
Wdiv Ref 8.43 dBm					Center Freq 15.075000 MHz
				+25-08 riBm	Start Freq 150.000 kHz
					Stop Freq 30.000000 MHz
2					CF Step 2.985000 MHz
					Auto Man Freq Offset
full which which and a source of the second	aldonisky copperprises and property and the property of the pr	n war and a shiple to the analytic of the shiple and	าสถางปฏิสินารปกุญหน้าประบบริษณ	uningatura	0 Hz
150 kHz 8 BW 10 kHz	#VBW 30 kHz*		Sweep 368.3 ms		
Spectrum Analyzer - Swept SA	0.6Hz		ai ravauro ine-sz-ns	M Sen 27 2020	Frequency
Ref Offset 8.41 dB	PNO: Fast Trig: Fre IFGain:Low #Atten: 4	Avg Typ e Run Avg Hold i0 dB	Mkr2 25.	714 GHz 293 dBm	Auto Tune
Mdiv Ref 30.00 dBm					Center Freq 13.015000000 GHz
Q.				1	Start Freq 30.000000 MHz
				-1.3,00 dbin	Stop Freq 26.00000000 GHz
				wwww	CF Step 2.597000000 GHz
mhan a the management	wand a suggesting to person about safe				Freq Offset
					0 Hz
			Ston	26.00 GHz	

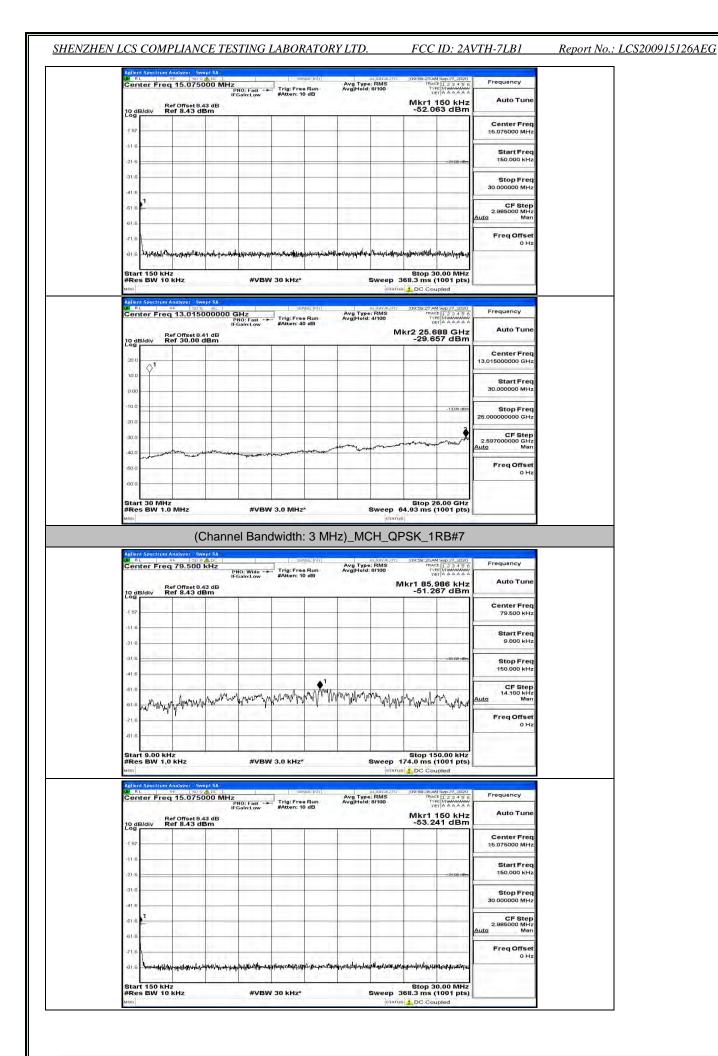
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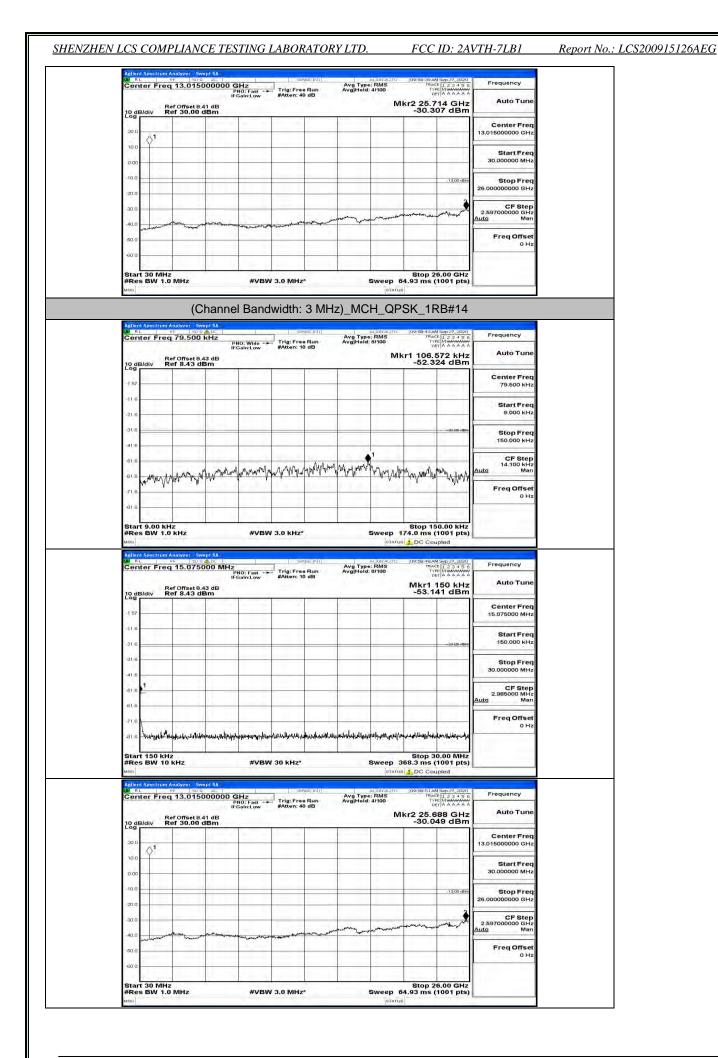
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10 dE		ef Offset 8.4	PNC IFGa 43 dB	0: Fast ain:Low	Trig: Free R #Atten: 10 d	lun IB	Avg Type Avg Hold:	RMS 8/100	Mkr1	150 kHz 39 dBm	Frequency Auto Tune	
-1 57				_			_				Center Freq 15.075000 MHz	
-116										-28-00 dBm	Start Freq 150.000 kHz	
-31.6											Stop Freq 30.000000 MHz	
-41.6 -61.6	e—										CF Step 2.985000 MHz Auto Man	
-61.6 -71.6											Freq Offset	
-81.6			uybashterayoteraalayt	1-600000-16-6-060	shappyon	nthananaffah	hold mandrada	-theydronautro		1		
Star	t 150 kH	z		-	30 kHz*		5	weep 3	Stop 3 68.3 ms (	0.00 MHz 1001 pts)		
#Res	s BW 10	KHZ		#VBVV	are finany				DC Cou			
Agilen	t Spectrum	Analyzer Sw	000000 GH	Hz	SENSE	un -	Avg Type Avg Hold:	ETATUS LIGNAUTO RMS	DC Cou	4 Sep 27, 2020	Frequency	
MSG Agilen W RI Cen	t Spectrum ter Fred	Analyzer Sw	AL POOOOOO GH PNC IFGa 41 dB	-lz		elori Run IB	Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	ipled	100000000	
Agilen	t Spectrum ter Fred	Analyzer Sw RF 190 Q 13.0150	AL POOOOOO GH PNC IFGa 41 dB	Hz	SENSE	BINT Run IB	Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	123456 123456 123456 123456 124456 136 GHz	100000000	
Aglen W Ri Cen 10 de Log	1 Spectrum ter Free 3/div R	Analyzer Sw RF 190 Q 13.0150	AL POOOOOO GH PNC IFGa 41 dB	Hz	SENSE	Eluti Run IB	Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	123456 123456 123456 123456 124456 136 GHz	Auto Tune Center Freq	
мясі Action 20 0 10 0 10 0 -10 0	1 Spectrum ter Free 3/div R	Analyzer Sw RF 190 Q 13.0150	AL POOOOOO GH PNC IFGa 41 dB	Hz	SENSE	EMT -	Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	123456 123456 123456 123456 124456 136 GHz	Auto Tune Center Freq 13.015000000 GHz Start Freq	
мла Астен 20 0 10 0 10 0 0.00	1 Spectrum ter Free 3/div R	Analyzer Sw RF 190 Q 13.0150	AL POOOOOO GH PNC IFGa 41 dB	Hz	SENSE	SINT	Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	4 Sep 27, 2020 11 2 3 4 5 6 12 14 5 6 14 14 14 14 14 14 14 14 14 14 14 14 14 1	Start Freq           30.0500000 GHz           Start Freq           30.000000 MHz           Stop Freq           26.0000000 GHz           2.597000000 GHz	
MRG Action 10 de Log 20.0 10.0 -10.0 -20.0	1 Spectrum ter Free 3/div R	Analyzer Sw RF 190 Q 13.0150	AL POOOOOO GH PNC IFGa 41 dB	Hz	SENSE	SUDI Sun IB	Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	4 Sep 27, 2020 11 2 3 4 5 6 12 14 5 6 14 14 14 14 14 14 14 14 14 14 14 14 14 1	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.597000000 GHz Auto Man Freq Offset	
мло Асцен Сеп 10.0 10.0 -10.0 -10.0 -20.0 -30.0 -40.0	1 Spectrum ter Free 3/div R	Analyzer Sw RF 190 Q 13.0150	AL POOOOOO GH PNC IFGa 41 dB	Hz	SENSE		Avg Type:	ETATUS LIGNAUTO RMS 1/100	DC Cou	4 Sep 27, 2020 11 2 3 4 5 6 12 14 5 6 14 14 14 14 14 14 14 14 14 14 14 14 14 1	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz 25.00000000 GHz 2.59700000 GHz Auto Man	

enter Freq 79.500	9 ADC ) KHZ PNO; Wide	Trig: Free Run	Avg Type: RMS Avg Hold: 8/100	09:58:18 AM Sep 27, 2020 TRACE 1 2 3 4 5 6 TYPE MWAWAWAY DET A A A A A A	Frequency		
dB/div Ref 8.43 d	Ref Offset 8.43 dB50.581 dBm - 50.581 dBm						
Contraction and the same					Center Freq		
57					79.500 kHz		
6					Start Freq		
6					9.000 kHz		
6				-33:00-dBm	Stop Freq		
6					150.000 kHz		
6					CF Step 14,100 kHz		
and marken mark	when my hand when	they are the the service of the serv	a humber and any work	Montheman	Auto Man		
F 1 . 1 . 1	1.000	111 T 1	The second second and	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Freq Offset		
1 · · · · · · · · · · · ·				1	0 Hz		
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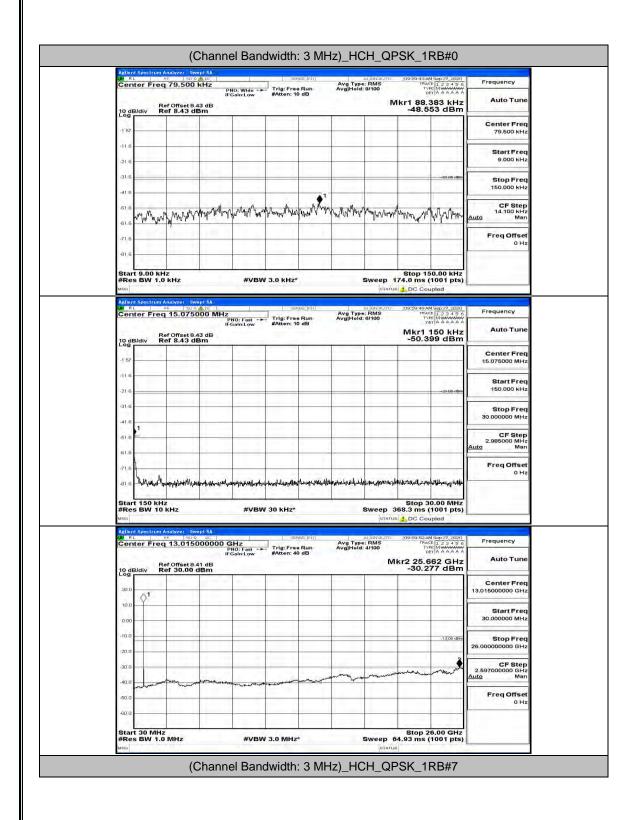
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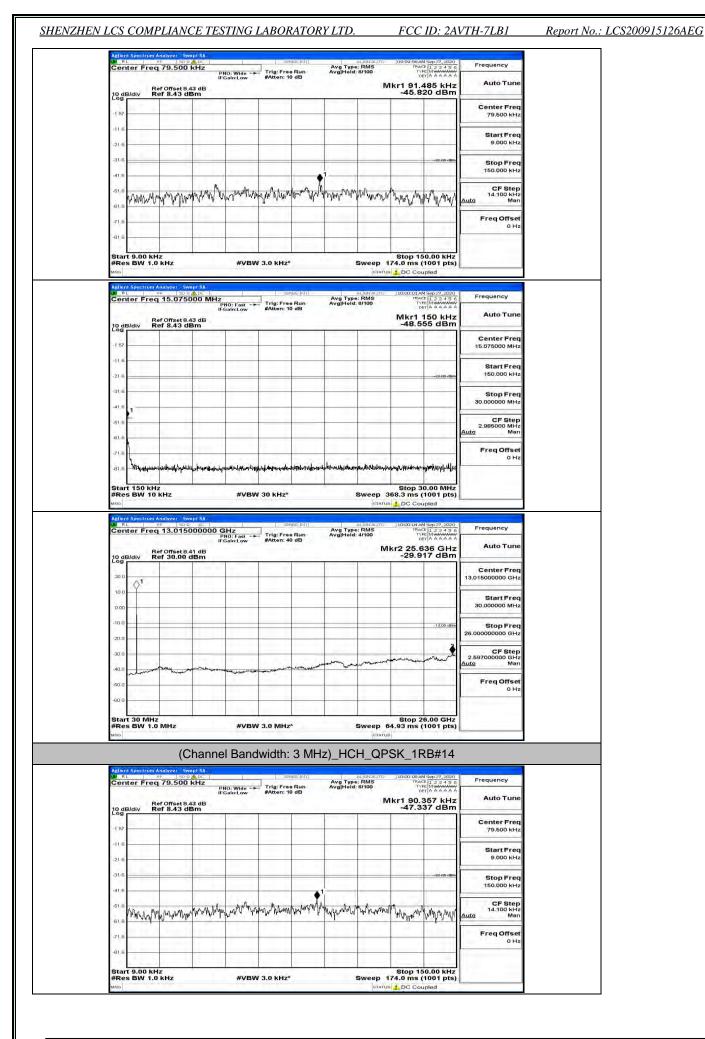
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