# Appendix E: Test Data for E-UTRA Band 4

# Product Name: 3G/4G Smart Phone

# Trade Mark: DOOGEE

# Test Model: S59Pro

### **Environmental Conditions**

Temperature:	22.9° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

# E.1 Conducted Output Power

		Conducted	Output Pow	ver Test Result (Channel Band	width: 1.4 MHz)	
Madulation	Modulation Channel		figuration	Average Power [dBm]	Average Power [dBm]	Verdict
wodulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	21.02	20.19	PASS
		1	3	21.07	20.36	PASS
		1	5	20.99	20.20	PASS
	LCH	3	0	21.12	20.09	PASS
		3	2	21.15	20.08	PASS
		3	3	21.07	19.99	PASS
		6	0	20.08	19.16	PASS
		1	0	21.75	20.90	PASS
		1	3	21.91	21.11	PASS
QPSK /		1	5	21.75	20.95	PASS
16QAM	MCH	3	0	21.84	20.74	PASS
IOQAIN		3	2	21.83	20.76	PASS
		3	3	21.89	20.80	PASS
		6	0	20.82	19.75	PASS
		1	0	21.46	20.33	PASS
		1	3	21.52	20.47	PASS
	1	5	21.38	20.27	PASS	
	нсн	3	0	21.49	20.32	PASS
		3	2	21.47	20.31	PASS
		3	3	21.51	20.29	PASS
		6	0	20.41	19.48	PASS

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		Conducte	d Output Pov	wer Test Result (Channel Ban	dwidth: 3 MHz)	
	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/ordiat
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
	1	0	21.04	20.28	PASS	
		1	7	20.99	20.17	PASS
		1	14	20.97	20.11	PASS
	LCH	8	0	20.07	19.17	PASS
		8	4	20.07	19.15	PASS
		8	7	19.99	19.05	PASS
		15	0	20.00	19.04	PASS
		1	0	21.68	20.90	PASS
		1	7	21.84	20.96	PASS
QPSK /		1	14	21.89	21.00	PASS
16QAM	MCH	8	0	20.72	19.81	PASS
TOQAIN		8	4	20.71	19.82	PASS
		8	7	20.80	19.94	PASS
		15	0	20.76	19.79	PASS
		1	0	21.53	20.40	PASS
		1	7	21.44	20.36	PASS
		1	14	21.42	20.35	PASS
нс	HCH	8	0	20.48	19.50	PASS
		8	4	20.46	19.55	PASS
		8	7	20.46	19.51	PASS
		15	0	20.40	19.42	PASS

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
wooulation	Channel	Size	Offset	QPSK	16QAM	verdict		
	1	0	20.96	20.13	PASS			
		1	12	21.04	20.10	PASS		
		1	24	20.76	19.85	PASS		
	LCH	12	0	19.98	19.04	PASS		
		12	6	20.01	19.01	PASS		
		12	13	19.98	18.97	PASS		
		25	0	20.00	19.02	PASS		
		1	0	21.62	20.75	PASS		
		1	12	21.88	21.08	PASS		
QPSK /		1	24	21.87	21.11	PASS		
16QAM	MCH	12	0	20.67	19.81	PASS		
IOQAIVI		12	6	20.68	19.79	PASS		
		12	13	20.92	20.05	PASS		
		25	0	20.84	19.92	PASS		
		1	0	21.53	20.54	PASS		
		1	12	21.63	20.57	PASS		
НС		1	24	21.44	20.40	PASS		
	НСН	12	0	20.49	19.54	PASS		
		12	6	20.48	19.57	PASS		
		12	13	20.47	19.53	PASS		
		25	0	20.51	19.59	PASS		

		Conducted	Output Pow	ver Test Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	RB Configuration Size Offset		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		1	0	20.96	20.20	PASS
		1	24	20.84	20.20	PASS
		1	49	20.69	19.94	PASS
	LCH	25	0	19.98	19.00	PASS
		25	12	19.98	18.99	PASS
		25	25	20.02	19.03	PASS
		50	0	19.94	19.00	PASS
		1	0	21.35	20.56	PASS
		1	24	21.89	21.09	PASS
		1	49	21.94	21.13	PASS
QPSK /	MCH	25	0	20.68	19.76	PASS
16QAM		25	12	20.66	19.78	PASS
		25	25	21.12	20.23	PASS
		50	0	20.90	20.00	PASS
		1	0	21.63	20.60	PASS
		1	24	21.67	20.63	PASS
		1	49	21.46	20.33	PASS
HCH	HCH	25	0	20.73	19.88	PASS
		25	12	20.74	19.88	PASS
		25	25	20.57	19.70	PASS
		50	0	20.63	19.69	PASS

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)							
Modulation Channel		RB Con Size	figuration Offset	Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict		
		1	0	20.82	20.12	PASS		
		1	37	20.75	19.98	PASS		
		1	74	20.83	20.08	PASS		
	LCH	37	0	19.93	19.92	PASS		
		37	18	19.89	19.92	PASS		
		37	38	19.90	19.92	PASS		
		75	0	19.89	18.84	PASS		
		1	0	21.00	20.28	PASS		
		1	37	21.81	21.11	PASS		
		1	74	21.76	21.03	PASS		
QPSK /	MCH	37	0	20.86	20.85	PASS		
16QAM		37	18	20.88	20.87	PASS		
		37	38	20.88	20.88	PASS		
		75	0	20.87	19.92	PASS		
		1	0	21.75	20.69	PASS		
		1	37	21.67	20.60	PASS		
нс		1	74	21.34	20.24	PASS		
	НСН	37	0	20.81	20.82	PASS		
		37	18	20.80	20.78	PASS		
		37	38	20.80	20.77	PASS		
		75	0	20.83	19.81	PASS		

		Conducted	Output Pow	er Test Result (Channel Band	lwidth: 20 MHz)	
Modulation Channel		RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict
	1	0	20.74	19.85	PASS	
		1	49	20.93	19.99	PASS
		1	99	21.22	20.25	PASS
	LCH	50	0	19.60	18.65	PASS
		50	25	19.62	18.68	PASS
		50	50	19.95	19.04	PASS
		100	0	19.76	18.84	PASS
		1	0	20.70	19.81	PASS
		1	49	22.06	21.20	PASS
QPSK /		1	99	21.60	20.75	PASS
UPSK7 16QAM	MCH	50	0	20.47	19.58	PASS
IOQAIVI		50	25	20.47	19.59	PASS
		50	50	21.16	20.22	PASS
		100	0	20.86	19.94	PASS
		1	0	21.54	20.69	PASS
		1	49	21.76	20.86	PASS
		1	99	21.05	20.18	PASS
HCI	НСН	50	0	20.95	20.07	PASS
		50	25	20.94	20.05	PASS
		50	50	20.52	19.64	PASS
		100	0	20.77	19.88	PASS

### E.2 Peak-to-Average Ratio

	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
MODULATION	Channel	[dB]	[dB]	Verdict				
	LCH	5.34	<13	PASS				
QPSK	MCH	5.5	<13	PASS				
	НСН	5.34	<13	PASS				
	LCH	6.21	<13	PASS				
16QAM	MCH	6.17	<13	PASS				
	НСН	6.2	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldton	Channel	[dB]	[dB]	Verdict				
	LCH	5.45	<13	PASS				
QPSK	MCH	5.45	<13	PASS				
	НСН	5.3	<13	PASS				
	LCH	6.31	<13	PASS				
16QAM	MCH	6.21	<13	PASS				
	НСН	6.15	<13	PASS				

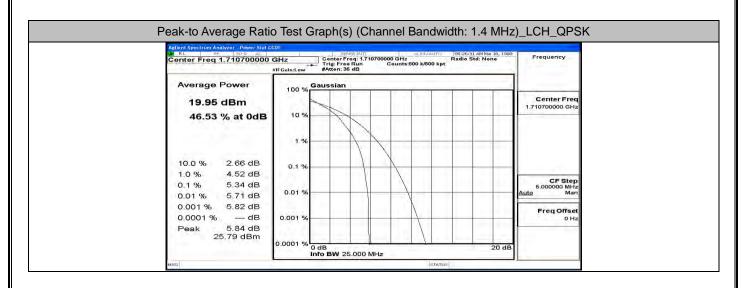
	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channer	[dB]	[dB]	Verdict				
	LCH	5.56	<13	PASS				
QPSK	MCH	5.47	<13	PASS				
	НСН	5.44	<13	PASS				
	LCH	6.3	<13	PASS				
16QAM	MCH	6.23	<13	PASS				
	НСН	6.19	<13	PASS				

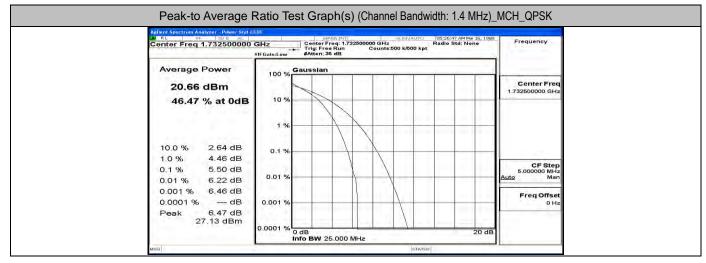
	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	Verdict				
	LCH	5.59	<13	PASS				
QPSK	MCH	5.4	<13	PASS				
	НСН	5.44	<13	PASS				
	LCH	6.32	<13	PASS				
16QAM	MCH	6.18	<13	PASS				
	НСН	6.23	<13	PASS				

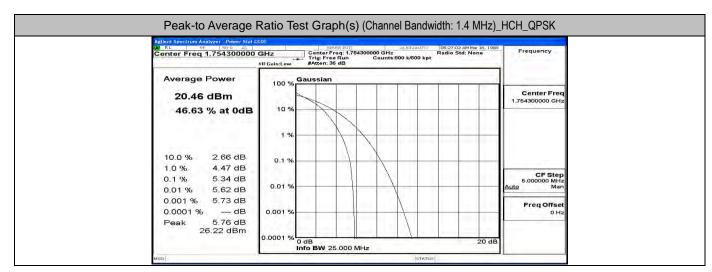
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	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict			
Modulation	Channel	[dB]	[dB]	Verdict			
	LCH	5.78	<13	PASS			
QPSK	MCH	5.66	<13	PASS			
	НСН	5.63	<13	PASS			
	LCH	6.39	<13	PASS			
16QAM	MCH	6.29	<13	PASS			
	НСН	6.28	<13	PASS			

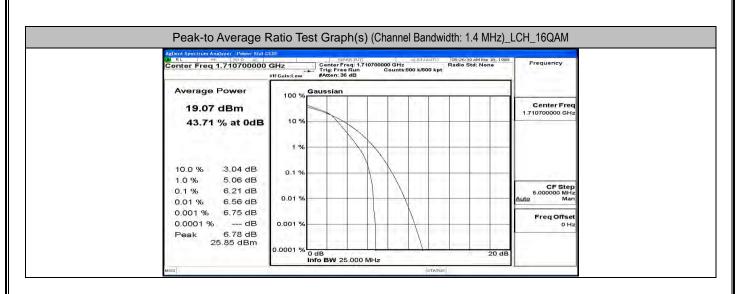
	Peak-to Average Rat	tio Test Result (Channel	Bandwidth: 20 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
Modulation	Channel	[dB]	[dB]	Verdict
	LCH	5.58	<13	PASS
QPSK	MCH	5.47	<13	PASS
	НСН	5.41	<13	PASS
	LCH	6.38	<13	PASS
16QAM	MCH	6.24	<13	PASS
	НСН	6.21	<13	PASS

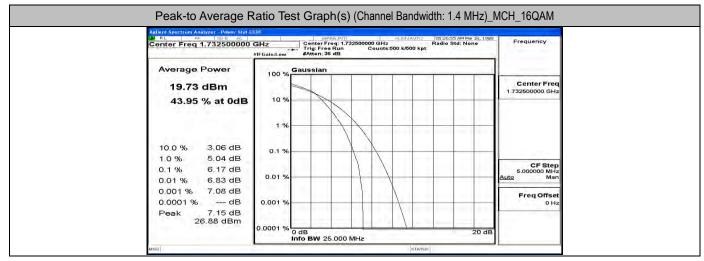






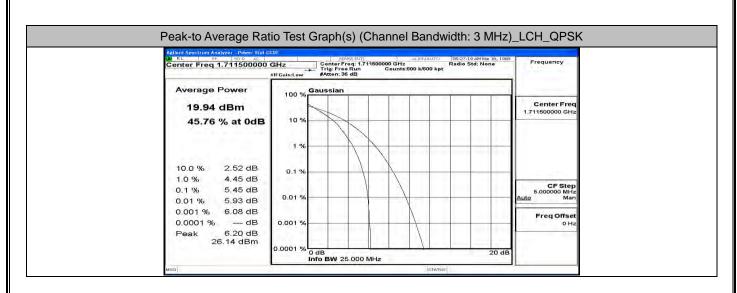
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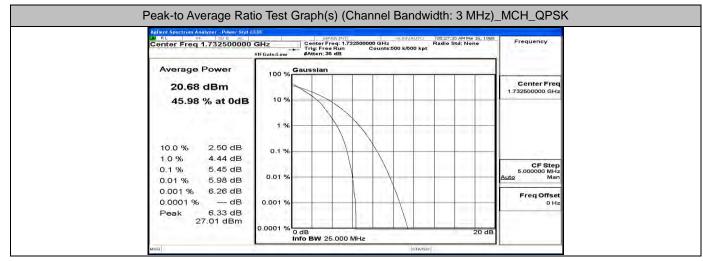




Agilent Spectrum Analyzer - Power Stat	SENSE:INT ALIGNAUT	0 ]05:27:10 AM May 18, 1988	Frequency
Center Freq 1.754300000	GHz Center Freq: 1.754300000 GHz Trig: Free Run Counts:500 k/500 l #Atten: 36 dB	Radio Std: None kpt	Frequency
Average Power	100 % Gaussian		
19.44 dBm			Center Freq 1.754300000 GHz
44.08 % at 0dB			
	1 %		
10.0 % 3.08 dB 1.0 % 5.09 dB	0.1 %		
0.1 % 6.20 dB 0.01 % 6.88 dB	0.01 %		CF Step 5.000000 MHz Auto Man
0.001 % 7.07 dB 0.0001 % dB	0.001 %		Freq Offset 0 Hz
Peak 7.10 dB 26.54 dBm	0.0001 % 0 dB	20 dB	

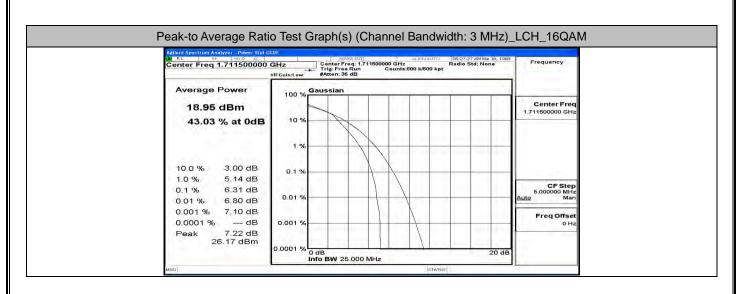
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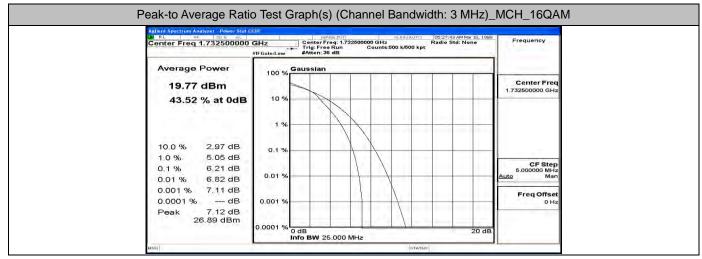




RL RF 50 Q AT	CCDF	Ser	USE:INT			05:27:50 AM Mar 18, 1988	Transferration (
Center Freq 1.75350000	) GHz #IFGain:Low	Center Fr Trig: Free #Atten: 3	req: 1.7535000 a Run 5 dB	Counts:500	0 k/500 kpt	Radio Std: None	Frequency
Average Power	1	Gaussian	A				
20.40 dBm							Center Freq 1.753500000 GHz
46.28 % at 0dB	10 %	Z					
10450	1 %						
10.0 % 2.48 dB	0.1 %						
1.0 % 4.35 dB 0.1 % 5.30 dB	1.55						CF Step 5.000000 MHz
0.01 % 5.75 dB	0.01 %						Auto Man
0.001 % 5.96 dB 0.0001 % dB	0.001 %	_					Freq Offset 0 Hz
Peak 6.08 dB 26.48 dBm	1.00						
0.000000000000	0.0001 %	0 dB			<u></u>	20 dB	

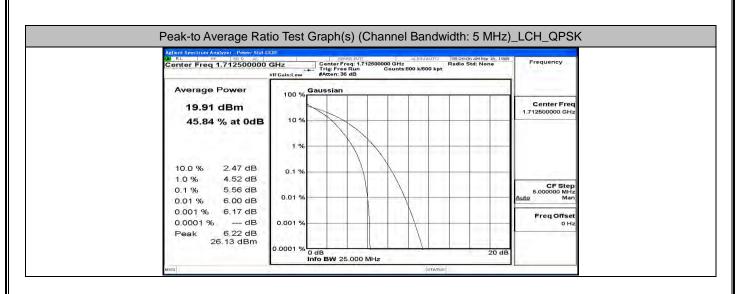
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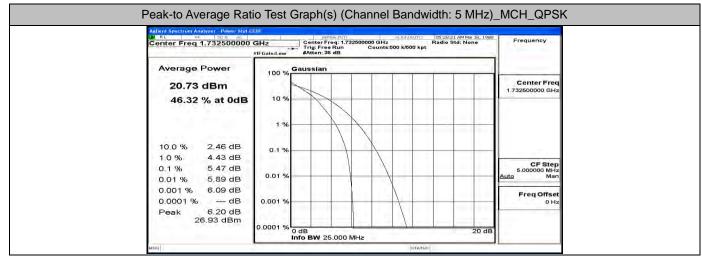




RL RF 50 Q AL	SENSE:INT	ALGNAUTO J05:2	7:58 AM Mar 18, 1988	Frequency
Center Freq 1.75350000	) GHz #IF Gain:Low #Atten: 36 dB	3500000 GHz Radi Counts:500 k/500 kpt	o Std: None	Frequency
Average Power	Caucaian			
19.47 dBm	100 % Gaussian			Center Freq 1.753500000 GHz
43.37 % at 0dB	10 %			
Section Sector	1 %			
10.0 % 2.98 dB	0.1 %			
1.0 % 5.10 dB 0.1 % 6.15 dB				CF Step 5.000000 MHz
0.01 % 6.75 dB	0.01 %			Auto Man
0.001 % 6.93 dB 0.0001 % dB	0.001 %			Freq Offset 0 Hz
Peak 7.00 dB	A second second second second			

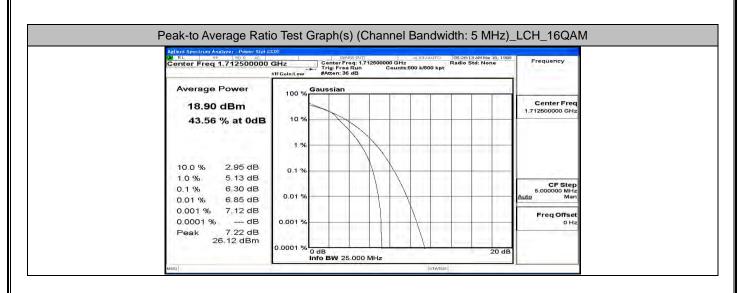
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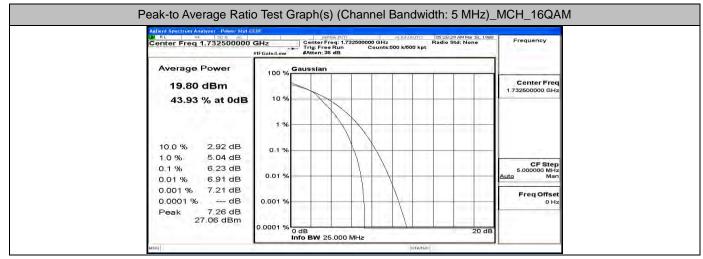




RL RF 50 9 AL	Repir		SE:DIT		05:29:37 AM Mar 18, 1988	Frequency
Center Freq 1.752500000	GHz #IFGain:Low	Center Free Trig: Free #Atten: 36	eq: 1.7525000 Run dB	Counts:500	adio Std: None	Frequency
Average Power		aussian				
20.46 dBm		X				Center Freq 1.752500000 GHz
46.33 % at 0dB	10 %-	N				
1.1.1.1.1.1.1	1 %		//			
10.0 % 2.45 dB	0.1 %					
1.0 % 4.43 dB 0.1 % 5.44 dB	0.01 %	110				CF Step 5.000000 MHz
0.01 % 5.93 dB 0.001 % 6.13 dB	0.01 %					Auto Man Freg Offset
0.0001 % dB Peak 6.32 dB	0.001 %					0 Hz
26 79 dBm	0.0001 %	- 121		. 1		
	1	dB fo BW 25	.000 MHz		20 dB	

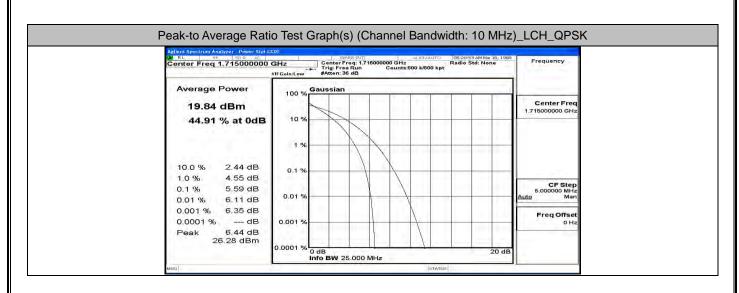
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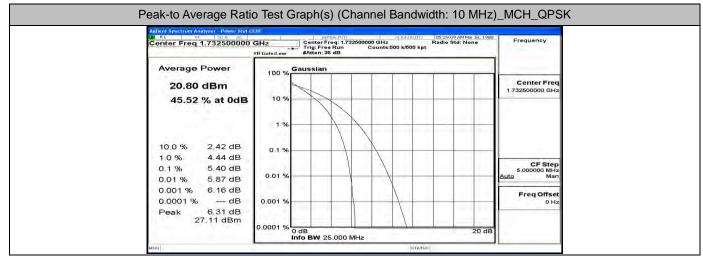




RL RF 50 Q AC	CCDF SENSE INT	aLISNAUTO T05:28:	44 AM Mar 18, 1988	
Center Freq 1.752500000		0000 GHz Radio Counts:500 k/500 kpt	Std: None	Frequency
Average Power	100 % Gaussian			
19.54 dBm	10 %			Center Freq 1.752500000 GHz
43.88 % at 0dB	1 %			
10.0 % 2.91 dB	0.1 %			
1.0 % 5.05 dB 0.1 % 6.19 dB 0.01 % 6.75 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.001 % 7.12 dB 0.0001 % dB	0.001 %			Freq Offset 0 Hz
Peak 7.26 dB 26.80 dBm	0.0001 % 0 dB		20 dB	

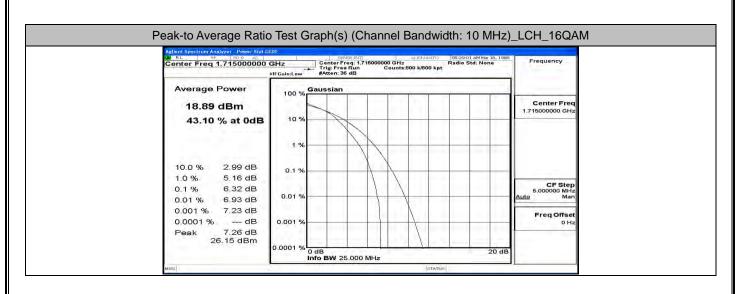
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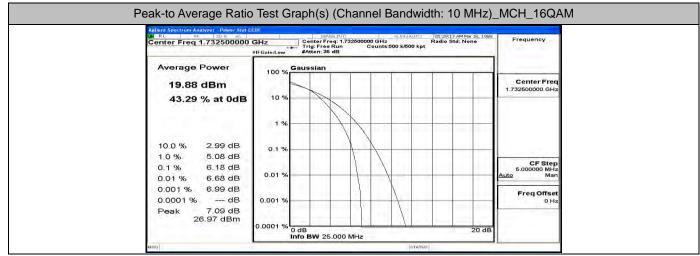




		SENSE:IN	T	AL (GN AL		, 1988 Frequence	C)/
Center Freq 1.75000000	) GHz #IFGain:Low	Center Freq: " Trig: Free Run #Atten: 36 dB	1.750000000 G	Hz nts:500 k/500	Radio Std: None	Frequenc	cy
Average Power		aussian					
20.60 dBm	100 %					Center 1.75000000	
46.00 % at 0dB	10 %	N					
	1 %						
10.0 % 2.43 dB 1.0 % 4.43 dB	0.1 %—						
0.1 % 5.44 dB 0.01 % 5.87 dB	0.01 %					5.00000 Auto	Step 0 MHz Man
0.001 % 6.16 dB 0.0001 % dB	0.001 %	_		-		FreqC	Offset 0 Hz
Peak 6.36 dB							

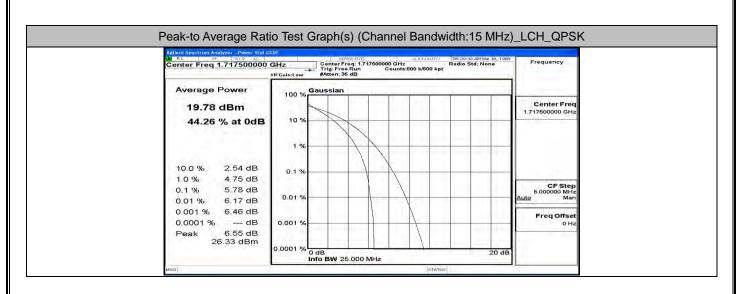
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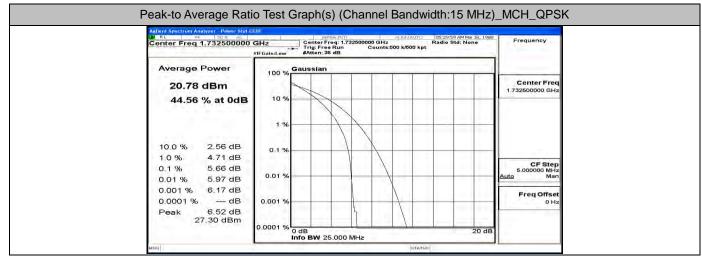




Agilent Spectrum Analyzer Power Stat	SENSE:INT AUGNAUTO	105:29:33 AM Mar 18; 1988	1
Center Freq 1.75000000	O GHz //IFGain:Low #Atten: 36 dB	Radio Std: None	Frequency
Average Power	100 % Gaussian		
19.73 dBm 43.47 % at 0dB			Center Freq 1.750000000 GHz
10.0 % 2.94 dB. 1.0 % 5.08 dB 0.1 % 6.23 dB 0.01 % 6.76 dB 0.001 % 6.96 dB 0.0001 % dB Peak 6.99 dB 26.72 dBm	1 % 0.1 % 0.001 % 0.0001 % 0 dB 0 dB 0 dB 0 dB	20 dB	CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz

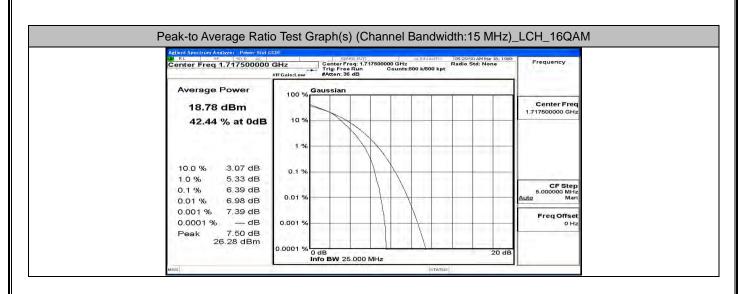
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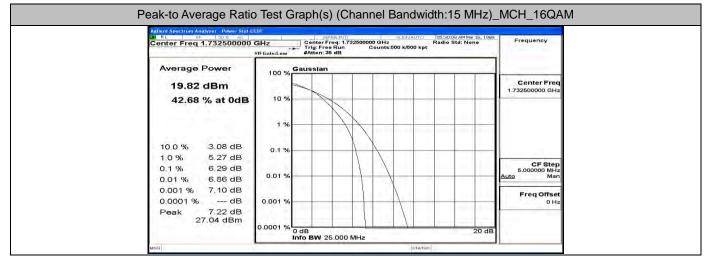




Center Freq 1.747500000 GHz         Center Freq 1.747500000 GHz         Radio Std: None           Average Power         0.00 %         0.	RL RF 50 Q AC		aligNauto [06:	30:16 AM Mar 18, 1988	Frequency
Average Power         00 %         Gaussian         Center Freq           20.77 dBm         10 %         10 %         10 %         10 %           44.70 % at 0dB         10 %         10 %         10 %         10 %           10.0 %         2.55 dB         0.1 %         0.1 %         0.1 %         0.1 %           10.0 %         5.63 dB         0.1 %         0.1 %         0.01 %         0.1 %           0.001 %         6.16 dB         0.001 %         0.001 %         Freq Offset         0.1 %	Center Freq 1.747500000	Trig: Free Run	Counts:500 k/500 kpt	o Std: None	Frequency
20.77 dBm         100 %         Center Freq           44.70 % at 0dB         10 %         10 %         1.747500000 GHz           10.0 %         2.55 dB         0.1 %         1.6         0.1 %           10.0 %         5.63 dB         0.1 %         0.1 %         0.1 %           0.01 %         5.63 dB         0.01 %         0.01 %         0.1 %           0.001 %         6.16 dB         0.001 %         0.001 %         Freq offset	Average Power	Caussian			
10.0 %         2.55 dB         0.1 %           1.0 %         4.69 dB         0.1 %           0.1 %         5.63 dB         0.01 %           0.01 %         5.91 dB         0.01 %           0.001 %         6.16 dB         0.001 %           0.0001 %         - dB         0.001 %		100 %			
0.1 %         5.63 dB         CF step           0.01 %         5.91 dB         0.01 %         Autz         Man           0.001 %         6.16 dB         Freq Offset         9Hz	10.0 % 2.55 dB	1 %			
0.0001 % dB 0.001 % 0 Hz	0.1 % 5.63 dB 0.01 % 5.91 dB	0.01 %			5.000000 MHz
	0.0001 % dB	0.001 %			

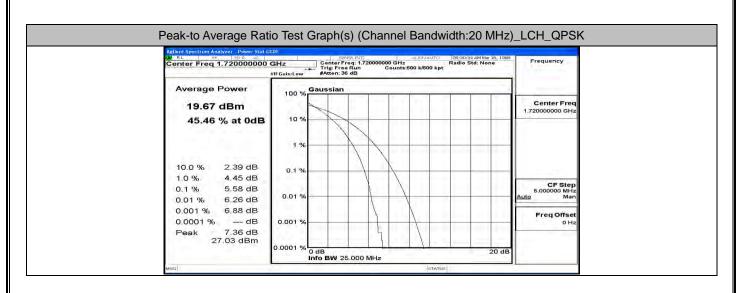
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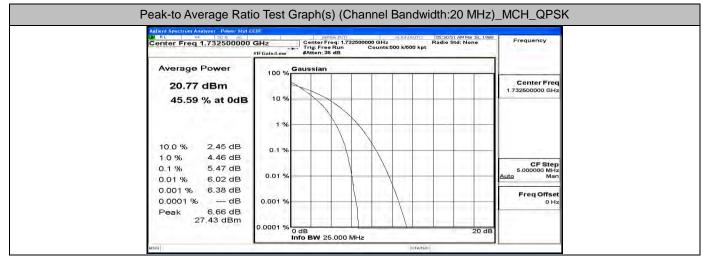




Center Freq 1.747500000	GHz Center Freq: 1.747500000 GHz	Radio Std: None	Frequency
	#IFGain:Low #Atten: 36 dB	0 kpt	
Average Power	100 % Gaussian		
19.81 dBm			Center Freq 1.747500000 GHz
42.76 % at 0dB	10 %		
	1%		
and a second			
10.0 % 3.05 dB	0.1 %		
1.0 % 5.28 dB			CF Step
0.1 % 6.28 dB 0.01 % 6.77 dB	0.01 %		5.000000 MHz Auto Man
0.001 % 7.01 dB			Freq Offset
0.0001 % dB	0.001 %		0 Hz
Peak 7.13 dB 26.94 dBm			
26.94 (16)	0.0001 % 0 dB	20 dB	
	Info BW 25.000 MHz		

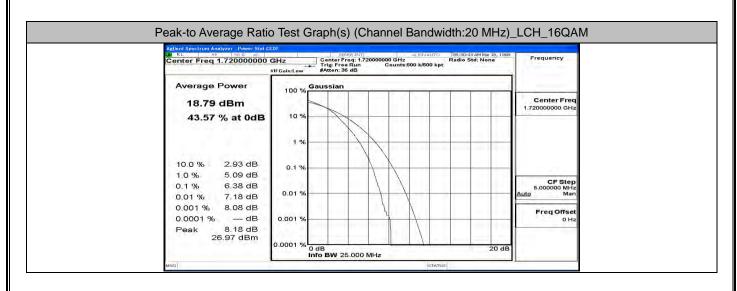
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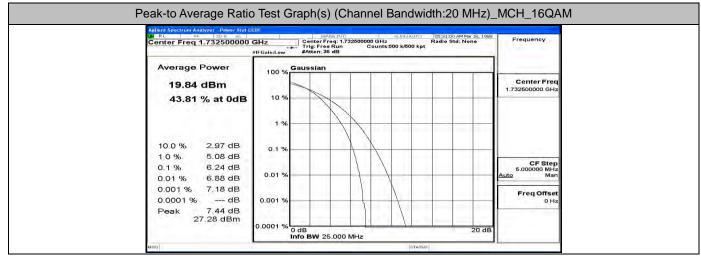




Average Power         20.77 dBm           45.61 % at 0dB         100 %           10.0 %         2.44 dB           0.1 %         5.41 dB           0.01 %         6.01 dB           0.001 %         6.31 dB           0.001 %         6.31 dB           0.001 %         6.31 dB           0.001 %         6.31 dB	Center Freq 1.74500000		Center Free	1. 1.7450000	4). 00 GHz		05:31:09 AM Mar 18, 1988 Iadio Std: None	Frequency
20.77 dBm         100 %         Center Freq           45.61 % at 0dB         10 %         10 %           10.0 %         2.44 dB         0.1 %           10.0 %         4.41 dB         0.1 %           0.1 %         5.41 dB         0.1 %           0.01 %         6.01 dB         0.01 %           0.001 %         6.31 dB         0.01 %           0.0001 %         - dB         0.001 %	Series Freq 1.74500000	Trig: Free Run Counts:500 k/500 kpt						
20.77 dBm         Center Freq           45.61 % at 0dB         10 %           10.0 %         2.44 dB           1.0 %         4.41 dB           0.1 %         0.1 %           0.01 %         6.01 dB           0.01 %         6.01 dB           0.001 %         6.01 dB           0.001 %         0.001 %	Average Power	100 % 9	aussian					
10.0 %         2.44 dB         0.1 %           10.0 %         2.44 dB         0.1 %           0.1 %         5.41 dB         0.1 %           0.01 %         6.01 dB         0.01 %           0.001 %         6.31 dB         0.001 %           0.0001 %         - dB         0.001 %								
10.0 %         2.44 dB         0.1 %         0.1 %           10.0 %         4.41 dB         0.1 %         0.1 %           0.1 %         5.41 dB         0.01 %         0.01 %           0.01 %         6.01 dB         0.01 %         0.01 %           0.001 %         6.31 dB         0.001 %         Freq Offset           0.0001 %         - dB         0.001 %         0.01 %	45.61 % at 0dB	10 %	1					
1.0 %         4.41 dB         0.1 %         0.1 %         0.1 %         0.00 %         0.00 % <td></td> <td>1 %</td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td></td>		1 %				_	_	
1.0 %         4.41 dB           0.1 %         5.41 dB           0.01 %         6.01 dB           0.01 %         6.01 dB           0.001 %         6.31 dB           0.0001 %	10.0 % 2.44 dB	0.1.94						
0.11% 6.01 dB 0.01% 5.000000 Mia 0.001% 6.01 dB 0.01% Freq Offset 0.0001%	1.0 % 4.41 dB	0.1 %						
0.0001 % dB 0.001 % 0Hz		0.01 %						5.000000 MHz
			1					
27.17 dBm	Peak 6.40 dB	0.001 %						0 Hz

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Addent Spectrum Analyzer - Power Stat C 24 RL RF 50 9 AC Center Freq 1.745000000	SPNSE:INT ALIGNAUTO 0	5:31:18 AM Mar 18, 1988 Idio Std: None	Frequency
	#IFGain:Low #Atten: 36 dB		
Average Power	100 % Gaussian		
19.82 dBm			Center Freq 1.745000000 GHz
43.71 % at 0dB	10 %		10000
	1 %		
10.0 % 2.97 dB	0.1 %		
1.0 % 5.03 dB			CF Step
0.1 % 6.21 dB 0.01 % 6.91 dB	0.01 %		5.000000 MHz Auto Man
0.001 % 7.35 dB			Freq Offset
0.0001 % dB	0.001 %		0 Hz
Peak 7.70 dB 27.52 dBm			
(2012) 2200	0.0001 % 0 dB	20 dB	

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# E.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	1.0743	1.198	PASS
QPSK	MCH	1.0754	1.229	PASS
	НСН	1.0751	1.234	PASS
	LCH	1.0806	1.252	PASS
16QAM	MCH	1.0776	1.236	PASS
	НСН	1.0745	1.211	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Ghanne	(MHz)	(MHz)	Verdict
	LCH	2.6822	2.825	PASS
QPSK	MCH	2.6819	2.815	PASS
	НСН	2.6792	2.824	PASS
	LCH	2.6784	2.814	PASS
16QAM	MCH	2.6783	2.836	PASS
	НСН	2.6785	2.824	PASS

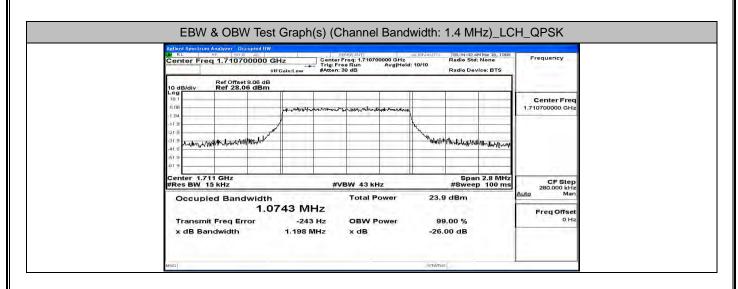
	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Ghannei	(MHz)	(MHz)	Verdict
	LCH	4.4676	4.737	PASS
QPSK	MCH	4.4734	4.752	PASS
	НСН	4.4818	4.717	PASS
	LCH	4.4797	4.750	PASS
16QAM	MCH	4.4749	4.750	PASS
	НСН	4.4663	4.757	PASS

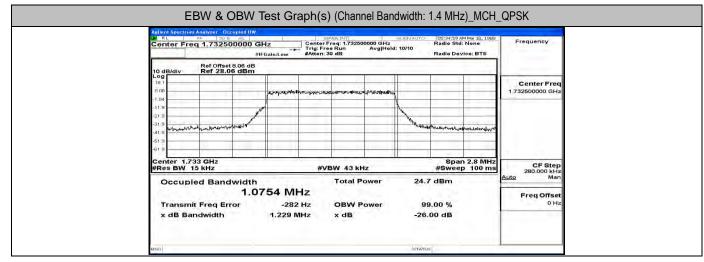
	EBW & OBW Te	est Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Ghanne	(MHz)	(MHz)	Verdict
	LCH	8.9485	9.418	PASS
QPSK	MCH	8.9540	9.350	PASS
	НСН	8.9387	9.354	PASS
	LCH	8.9439	9.339	PASS
16QAM	MCH	8.9529	9.338	PASS
	НСН	8.9464	9.333	PASS

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	EBW & OBW	Test Result (Channel Band	width: 15 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	13.410	14.02	PASS
QPSK	MCH	13.421	13.95	PASS
-	HCH	13.424	13.95	PASS
	LCH	13.406	13.92	PASS
16QAM	MCH	13.414	13.98	PASS
	HCH	13.415	13.99	PASS

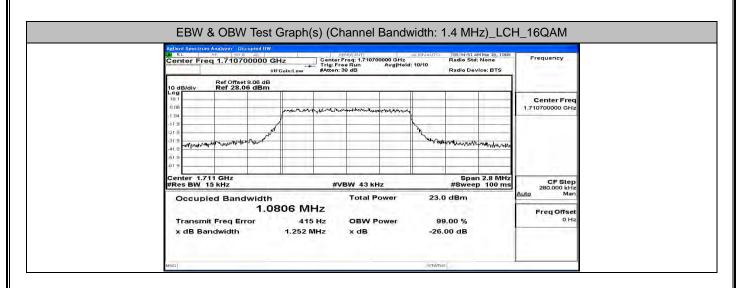
	EBW & OBW Te	est Result (Channel Band	dwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	17.864	18.53	PASS
QPSK	MCH	17.861	18.57	PASS
	НСН	17.846	18.55	PASS
	LCH	17.826	18.56	PASS
16QAM	MCH	17.857	18.59	PASS
	НСН	17.868	18.54	PASS

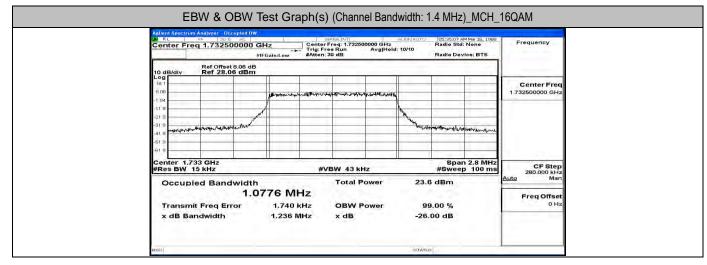




201 RL vF 190 AC SEMESEUT AUGUAUTO 05:36:15 AMMer 18; 1988 Center Freq 1.754300000 GHz Center Freq 1.754300000 GHz Radio Std: None Trig: Freq Run Avg Hold: 10/10									
200000000000000000000000000000000000000		n: 30 dB	0000	Radio Devi	ce: BTS	T			
Ref Offset 8.06 dB 10 dB/div Ref 28.06 dBm			<u>.</u>						
18 1 6 06		and the street of the second second				Center Free 1.754300000 GH			
-1.94	1		λ.						
21.9 -31.9 Henry and a statistic for the statist			"Ban Hartal	www.th.wertfillior.g	5.5.5				
-41.9 -61.9				and and build	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
Center 1.754 GHz				Span	2.8 MHz	1			
#Res BW 15 kHz	#	VBW 43 kHz		#Sweep	100 ms	CF Step 280.000 kHz			
Occupied Bandwidth	7 0751 MHz	Total Power	24.	2 dBm		<u>Auto</u> Man			
Transmit Freq Error	802 Hz	OBW Power	9	9.00 %		Freq Offset 0 Hz			
x dB Bandwidth	1.234 MHz	x dB	-26	.00 dB					

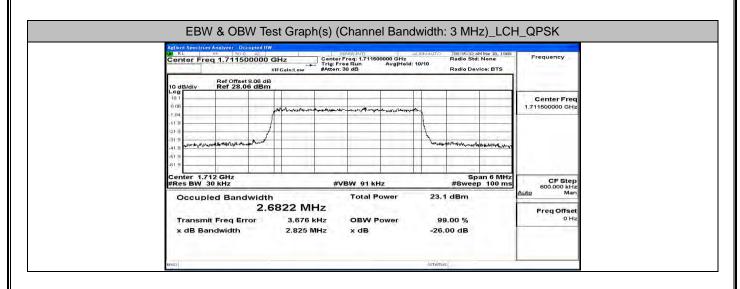
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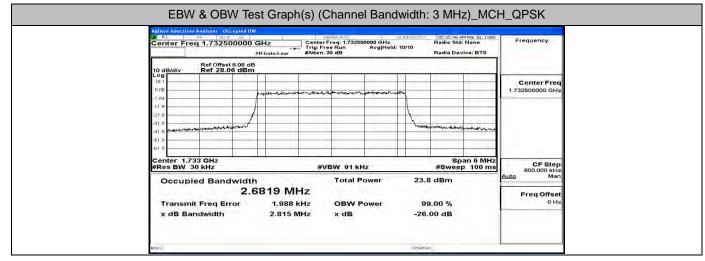




With Rt         WF         50 %         Sense: PM         Julicitautro         05:35:23 AM Mar 18, 1083           Center Freq 1.754300000 GHz         Center Freq: 1.754300000 GHz         Radio Std: None											
	#IFGain:Low	#Atten: 3	e Run 10 dB	Avg Hold	10/10	Radio Devi	ice: BTS				
Ref Offset 8.06 d		_			,						
Log 18.1				1				Center Freq			
6.06	- Marking	and an	white promotion	-				1.754300000 GHz			
-11.9	1	-				-					
-21.9	1 and				A marca		8				
-319 Muskinger million and antipation			-			moundcourse	Marth Managerra				
-61.9											
Center 1.754 GHz #Res BW 15 kHz		#VI	BW 43 KH	Iz	-		2.8 MHz 100 ms	CF Step 280,000 kHz			
Occupied Bandwid	th		Total P	ower	23.	5 dBm		Auto Man			
1	.0745 N	1Hz						Freq Offset			
Transmit Freq Error	-1:	32 Hz	OBW P	ower	91	9.00 %		0 Hz			
x dB Bandwidth	1.211	MHz	x dB		-26.	00 dB					

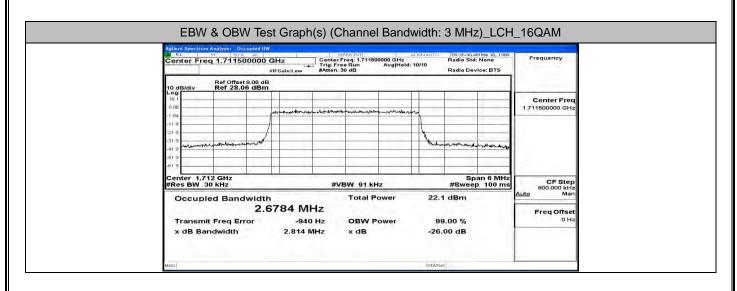
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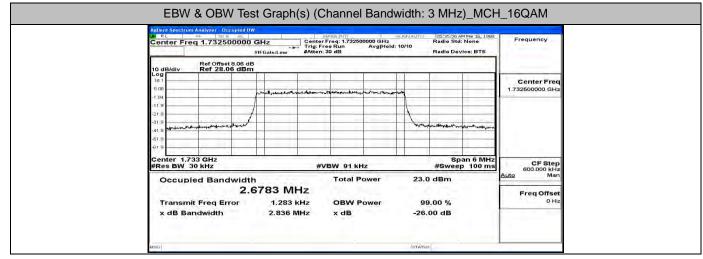




201 RL № 190 9 AC SePERINI AURIAUTO 10536004 AM Mar 18, 1968 Center Freq 1.753500000 GHz Center Freq: 1.75350000 GHz Radio Std: None Trig: Freq: No. 2000 AV SepErini Avg Heid: 10/10								
Center Fred 1.755500000								
Ref Offset 8.06 dB								
	1 1		1 2 1		Center Fred			
6.06	when the service of the service	men my from the for station of the	units.		1.753500000 GHz			
-194								
-21.9		_						
-31.9			towner	and the more and				
-61.9								
-61.9				and a logar	Acres in the second			
Center 1.754 GHz #Res BW 30 kHz	#	VBW 91 kHz	° ° °	Span 6 MHz #Sweep 100 ms	CF Step 600.000 kHz			
Occupied Bandwidth	1	Total Power	23.6	dBm	<u>Auto</u> Man			
2.6	6792 MHz				Freq Offset			
Transmit Freq Error	3.375 kHz	OBW Power	99.	00 %	0 Hz			
x dB Bandwidth	2.824 MHz	x dB	-26.0	0 dB				

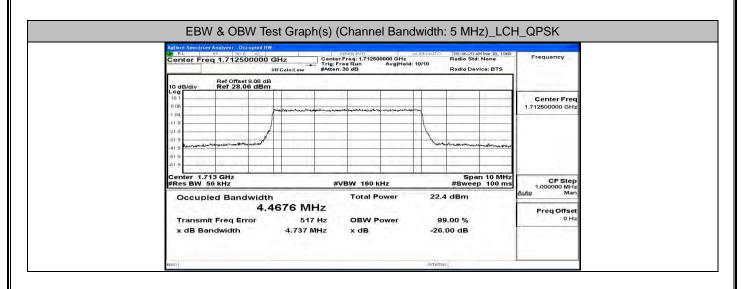
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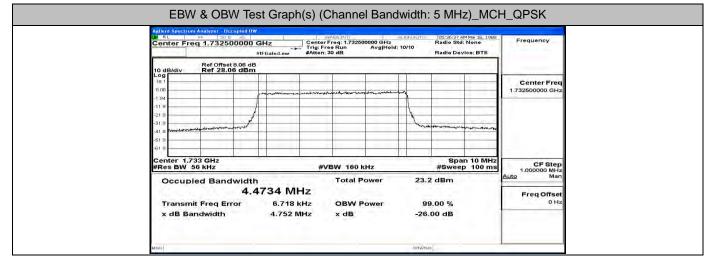




RL RF 50 9 AC	-	SENSE:INT	ALIGN AU		2 AM Mar 18, 1988	Frequency			
Center Freq 1.753500000 GHz Center Freq: 1.753500000 GHz Radio Std: None #IFGain:Low #Atten: 30 dB Radio Device: BTS									
Ref Offset 8.06 dB 0 dB/div Ref 28.06 dBm	3								
og (8 1					11.34	Center Fred			
1.06	moundaring	un mint the mit and any	American	-	1 2	1.753500000 GHz			
94					1.0.0				
et 9	4								
19 men man man man man man			n h	and the solution	mannena				
51.9			_						
19				1		Laura Tana			
enter 1.754 GHz Res BW 30 kHz	-00	#VBW 91 kHz	0.0		span 6 MHz ep 100 ms	CF Step 600.000 kHz			
Occupied Bandwidt	h	Total Power	2	2.7 dBm		Auto Man			
2.0	6785 MHz	1				Freg Offset			
Transmit Freq Error	-1.142 kHz	OBW Power		99.00 %		0 Hz			
x dB Bandwidth	2.824 MHz	x dB	3	26.00 dB					

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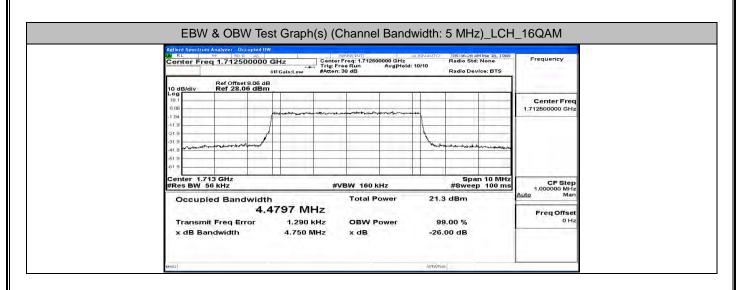


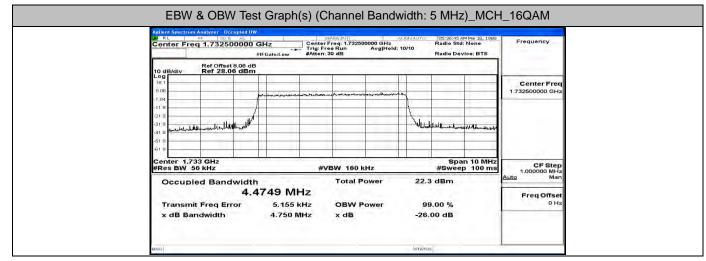


Center Freq 1.752500000 GHz Set55:001 ALIGNAUTO 05:96:53 AM Mer 38, 1988 Center Freq 1.752500000 GHz Center Freq 1.7520000 GHz Radio Std: None Trig: Freq Run Avg]Hold: 10/10							
	#IFGain:Low #Atter	n: 30 dB	2.503	Radio Device: B1	s		
Ref Offset 8.06 dB 10 dB/div Ref 28.06 dBm Log			1.1				
1e 1 6 06					Center Free 1.752500000 GH		
-1 94							
-21.9	/						
-41.9 Malanmananananananananananananananananana			- When I	Marine and a second second	-18-0		
-61.9					-		
Center 1.753 GHz #Res BW 56 kHz	#	VBW 160 kHz	0.0	Span 10 #Sweep 100			
Occupied Bandwidt	h 4818 MHz	Total Power	22.5	9 dBm	Auto Mar		
Transmit Freq Error	-1.763 kHz	OBW Power	91	9.00 %	Freq Offse 0 H		
x dB Bandwidth	4.717 MHz	x dB	-26	00 dB			

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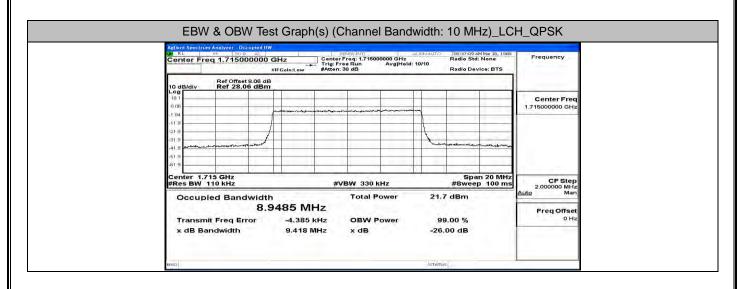


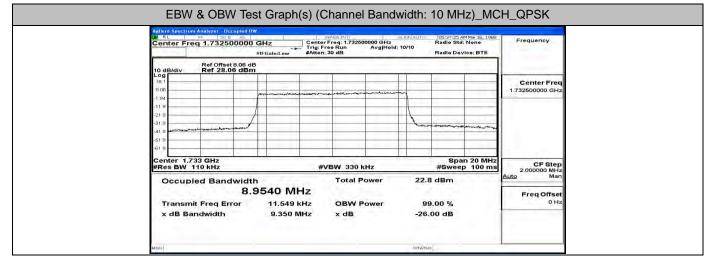




Mill         PF         String         Service         Service         October (Conter Freq 1.752500000 GHz)         Automatric         (Conter Freq 1.752500000 GHz)         Radio Std: None												
Center Freq 1.7 5250000	#IFGain:Low		Run	Avg Hold: 1	10/10	Radio Dev		a a second a second				
Ref Offset 8.06 c												
10 dB/div Ref 28.06 dBi	m	-	_	- 1	1	1.0	-	in the second second				
16.1								Center Freq 1.752500000 GHz				
-1.94	pressionspreadous	materian manufactor			M			1.7 52 50 50 51 2				
-11.9	1				1							
-21.9	1				X		0.000					
-41.9	1				144	rennied man	and the second s					
-61.9		-			-	-						
-61.9						1.	· · · · · · ·	1				
Center 1.753 GHz #Res BW 56 kHz		#VB	W 160 KH	z	<u></u>		n 10 MHz p 100 ms	CF Step				
Occupied Bandwid	th		Total Pov	wer	22.	0 dBm		<u>Auto</u> Man				
	4663 MH	-Iz						Freq Offset				
Transmit Freq Error	-447		OBW Por	wer	9	9.00 %		0 Hz				
x dB Bandwidth	4.757 N	IHz	x dB		-26	00 dB						

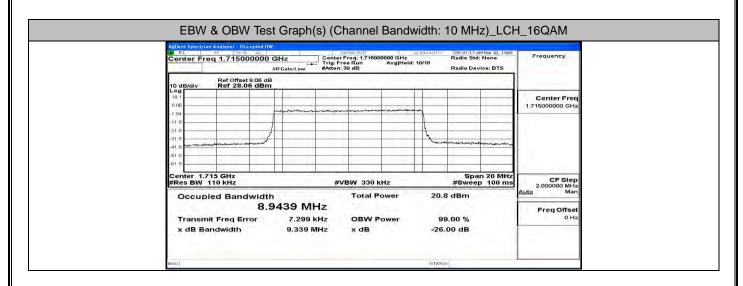
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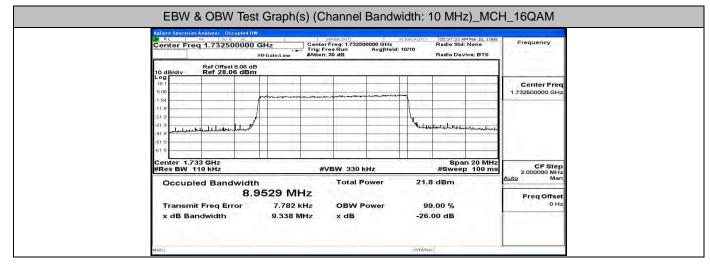




Center Freq 1.75000000	Freq: 1.75000	0000 GHz Avg Hold:	Frequency						
							vice: BTS		
Ref Offset 8.06 d 10 dB/div Ref 28.06 dB	Ref Offset 8.06 dB Ref 28.06 dBm								
161 606	hanne		and a tax mentioner					Center Fred 1.750000000 GH	
-1.94									
-31.9	/					-	-		
-41.9 month and the second state		-			June	montena	A super synamics		
-61.9 -61.9									
Center 1.75 GHz #Res BW 110 kHz		#	/BW 330 k	Hz	L' L		an 20 MHz p 100 ms	CF Step 2.000000 MHz	
Occupied Bandwidth 8.9387 MHz			Total Po	22.6 dBm			Auto Man		
							Freq Offset		
Transmit Freq Error -345 Hz x dB Bandwidth 9.354 MHz			OBW Power x dB		99.00 % -26.00 dB			0 Hz	

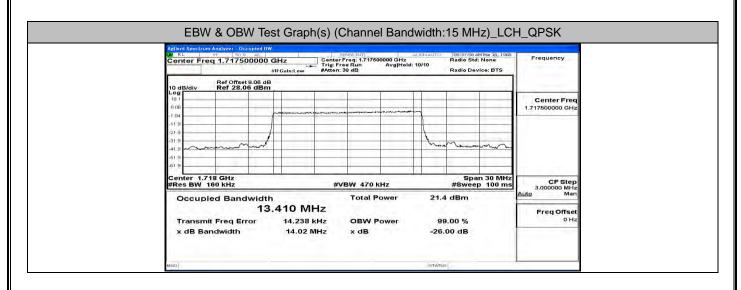
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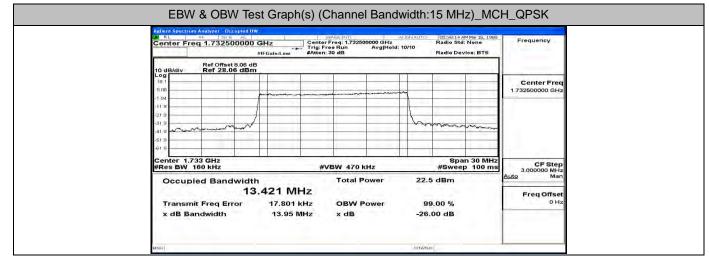




Center Freq 1.75000000	Sense: MT Senter Freq: 1.75000000 rig: Free Run A Atten: 30 dB	eq: 1.750000000 GHz Radio Std: None Run Avg Hold: 10/10						
	Ref Offset 8.06 dB							
10 dB/div Ref 28.06 dB				_			Center Fred 1.750000000 GH:	
-194 -11.9 -21.9 -31.9								
-41.9 -61.9				Antone	an she dan ta Akinga	ananan an		
Center 1.75 GHz #Res BW 110 kHz		#VBW 330 kHz	- WL			n 20 MHz p 100 ms	CF Step 2.000000 MHz	
Occupied Bandwid	Total Pow	ver	21.6 dBm			Auto Man		
Transmit Freq Error x dB Bandwidth	eq Error 392 Hz OBW Power		/er	99.00 % -26.00 dB			Freq Offset 0 Hz	

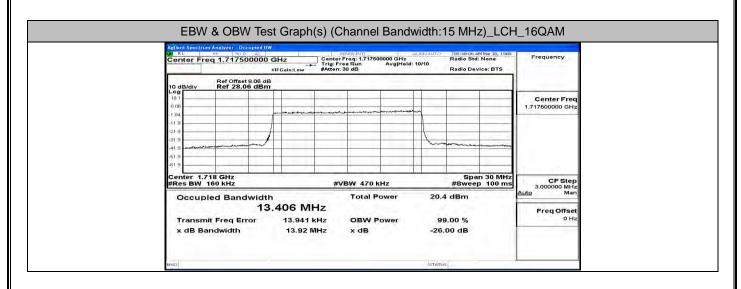
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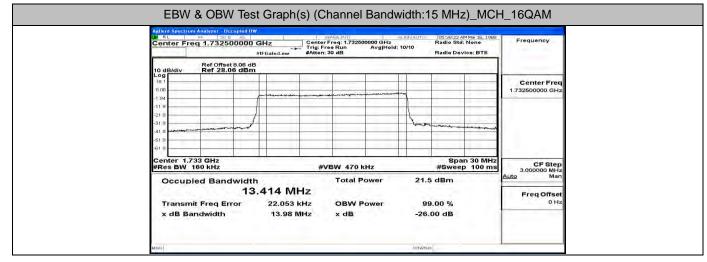




Center Freq 1.7475000	OD GHZ Cent	er Freq: 1.747500000 GHz Free Run Avg Hole	req: 1.747500000 GHz Radio Std: None					
a a a a a a a a a a a a a a a a a a a	#IFGain:Low         #Atten: 30 dB         Radio Device: BTS           Ref Offset 8.06 dB         Ref 28.06 dBm         Ref 28.06 dBm							
6.06				Center Freq 1.747500000 GHz				
-1.94								
21.9			1 K					
-31.9 -41.9			Municipality					
-61.9				-				
Center 1.748 GHz #Res BW 160 kHz		#VBW 470 kHz	Span 30 M #Sweep 100					
Occupied Bandwi		Total Power	22.5 dBm	Auto Man				
the man and the second strength	13.424 MHz			FreqOffset				
Transmit Freq Error x dB Bandwidth			99.00 % -26.00 dB	0 Hz				

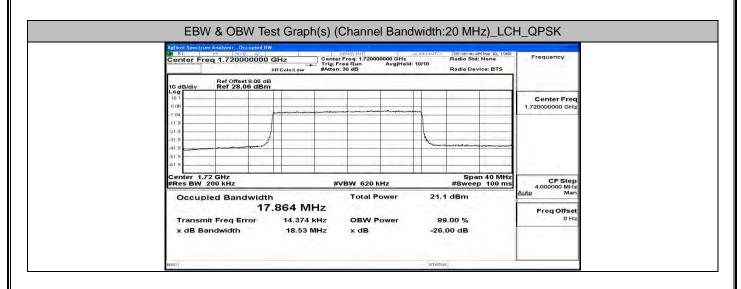
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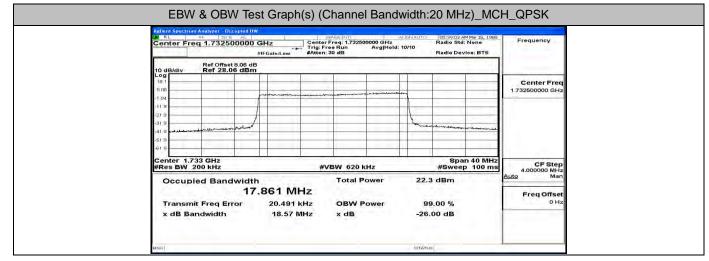




Center Freq 1.74750000	0 GHz Cente	SENSE: MY Freg: 1.747500000 GHz	Frequency					
contor ried in the source	Trig: F	ree Run Avg Hol n: 30 dB	e Run Avg Hold: 10/10					
	Ref Offset 8.06 dB Ref 28.06 dBm							
			11		Center Freq			
6.06					1.747500000 GHz			
-1.94		a have a service and the service of			1 Lanna in a star			
-21.9	1		1					
-31.9	1		them	unere and a space				
-61.9								
-61.9				T	T			
Center 1.748 GHz #Res BW 160 kHz	#	VBW 470 kHz	CF Step 3.000000 MHz <u>Auto</u> Man					
Occupied Bandwid	Total Power	21.4 dBm						
1		Freq Offset						
Transmit Freq Error -13.630 kHz		OBW Power		9.00 %	0 Hz			
x dB Bandwidth	13.99 MHz	x dB	-26	00 dB				

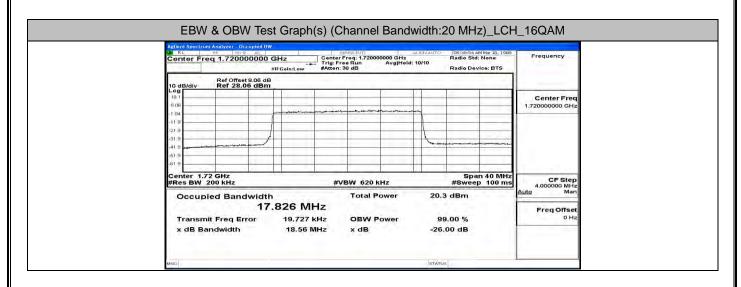
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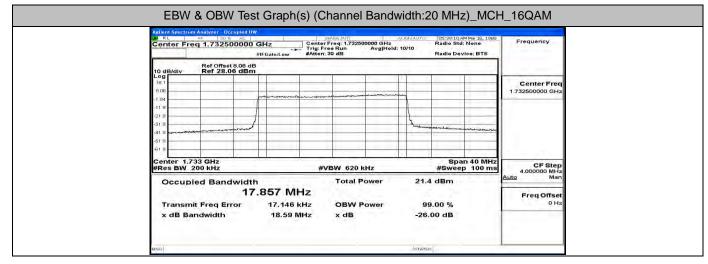




Center Freg 1.745000000	Frequency						
Center Freq 1.74500000	Trig: F	r Freq: 1.745000000 GHz ree Run Avg Holo : 30 dB	d: 10/10	Radio Std: None Radio Device: BTS	a state of		
	Ref Offset 8.06 dB. Ref 28.06 dBm						
Log 18.1	1				Center Freq		
6.06					1.745000000 GHz		
-11.9		an ann an Pharman					
-21.9			1				
-41.9 another Manual Michaeler Container			home	- when y and a surrow water			
-61.9							
Center 1.745 GHz #Res BW 200 kHz	#	VBW 620 kHz	0.0	Span 40 MHz #Sweep 100 ms	CF Step		
Occupied Bandwidt	Total Power	22.2	2 dBm	4.000000 MHz Auto Man			
17		Freg Offset					
Transmit Freq Error	-7.655 kHz	OBW Power 99.00 %		0.00 %	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		
x dB Bandwidth	18.55 MHz	x dB	-26.	00 dB			

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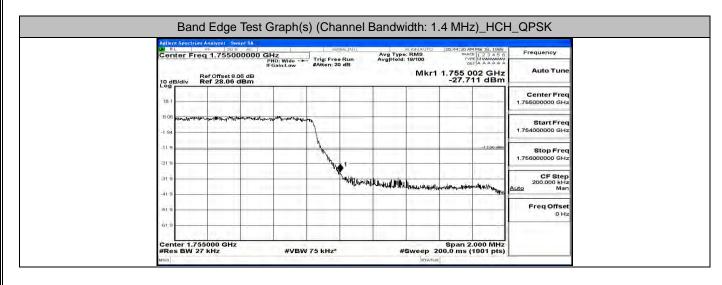


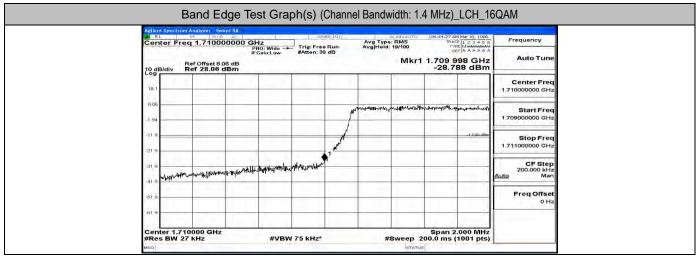
Center Freq 1.74500000	O GHZ Cer	sense:my nter Freq: 1.745000000 GHz : Free Run Avg Hol	Avg Hold: 10/10					
Ref Offset 8.06	#IFGain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 8.06 dB							
10 dB/div Ref 28.06 dE	Ref 28.06 dBm							
6.06				Center Freq 1.745000000 GHz				
-1.94								
-21.9	1							
-41.9			him manufacture and the	and and a				
-61.9								
Center 1.745 GHz #Res BW 200 kHz		#VBW 620 kHz	Span #Sweep	40 MHz 100 ms 4.000000 MHz				
Occupied Bandwid		Total Power	21.4 dBm	Auto Man				
and the second former of the second	7.868 MHz			Freq Offset				
Transmit Freq Error x dB Bandwidth	-13.113 kHz 18.54 MHz							

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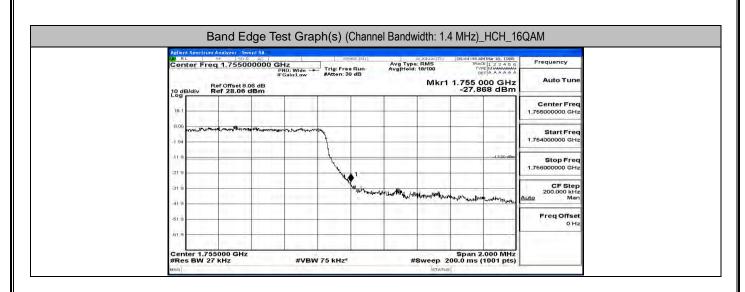
# E.4 Band Edge

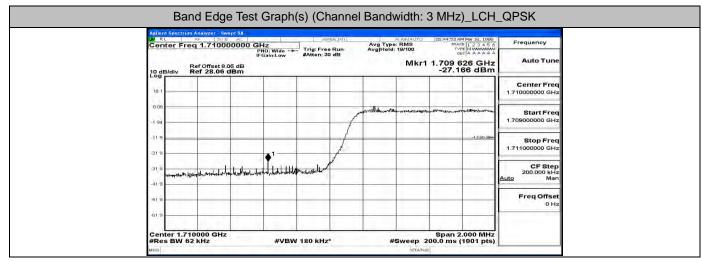
Cente		1.71000	0000 GH	lz 10; Wide -►	1.4.1.1.4.1.1	e Run	Avg Type Avg Hold	al GNAUTO RMS 18/100	05:44:16 AM TRACI TYP	Mar 18, 1988 E 1 2 3 4 5 6 E MMMMMMM T A A A A A A	Frequency
	Re lív Re	f Offset 8.0 ef 28.06 d	IF O	Gain:Low	#Atten: 3	0 46			1.709 9		Auto Tune
18.1											Center Freq 1.710000000 GHz
0.06						1	n <b>w</b> hite-an-14-1/2474	<b>ም</b> ሥነተና <b>ጉምት</b> ነው	n allen an	aletar weise startly	Start Freq 1.709000000 GHz
-11.9						1 de				-1 3.00 dBm	Stop Freq 1.711000000 GHz
-31 9 -41 9	ybortheaster	edud-14214/1444	- puterland free	NMUMUMUM	an sala ang ang ang ang ang ang ang ang ang an			1			CF Step 200.000 kHz Auto Man
-61 9	1.00										Freq Offset 0 Hz
-61 9	-					-		-		deres de	





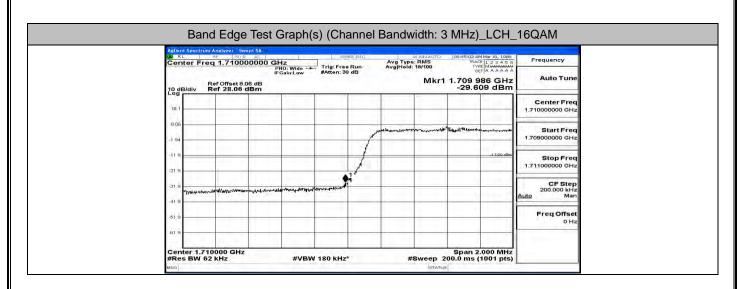
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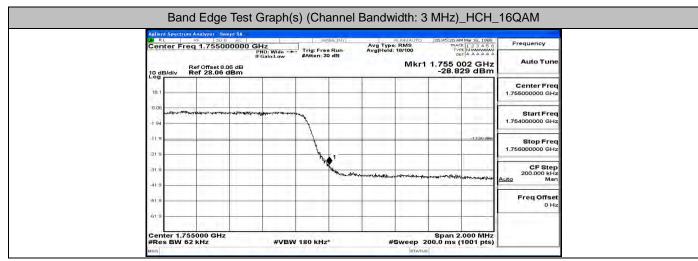


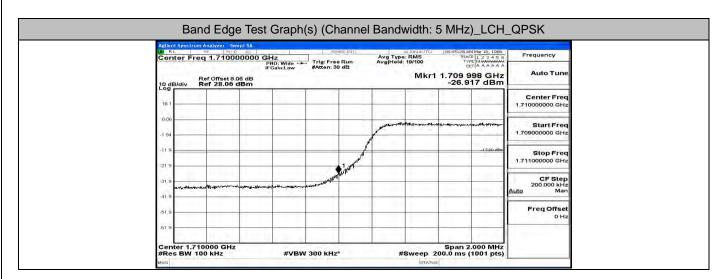


Center Freq 1.755000000 GHz PIOWide In Call or Piowide In Call or	gilent Spectrum Analyzer Swept SA				
Ref Offset 8.06 dB         Mkr1 1.755 000 GHz         Auto Tune           10 dB/alv         Ref 28.06 dB         -27.954 dB         1.7550000 GHz           181	Center Freq 1.755000000	GHz Sedse IV	Avg Type: BMS	TRACE 1 2 3 4 5 6	Frequency
Image: Start Freq         Center Freq           100         Image: Start Freq           100         Image: Start Freq           101         Image: Start Freq           102         Image: Start Freq           103         Image: Start Freq           104         Image: Start Freq           110         Image: Start Freq           111         Image: Start Freq           112         Image: Start Freq           113         Image: Start Freq           119         Image: Start Freq           110         Image: Start Freq	0 dB/div Ref 28.06 dBm		Mkr1 1.75	5 000 GHz	Auto Tune
Start Freq         Start Freq           119         11000000         11564000000 GHz           119         11000000         Stop Freq           119         110000000         Stop Freq           119         1100000000000000000000000000000000000				-	Center Freq 1.755000000 GHz
219         1         Stop Freq 1.756000000 GHz           318         1         1           419         1         1           613         Freq Offset         Freq Offset	Maria an a ferritar way and the france of the	warman allan - man and			Start Freq 1.754000000 GHz
31.9         CF Step           41.9         Manual Man				-1 3,00 clBm	Stop Freq 1.756000000 GHz
519 FreqOffset			when you would be the state of	Walidonanaman	CF Step 200.000 kHz Auto Man
0 Hz	Contract International				Freq Offset 0 Hz

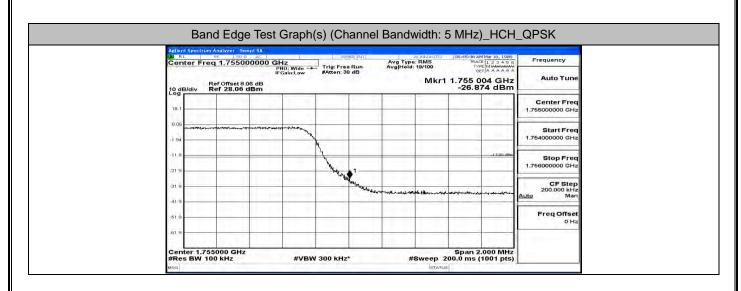
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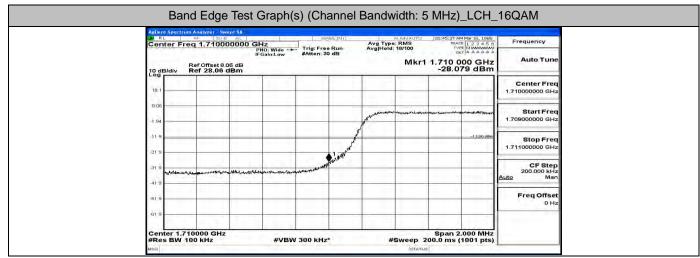


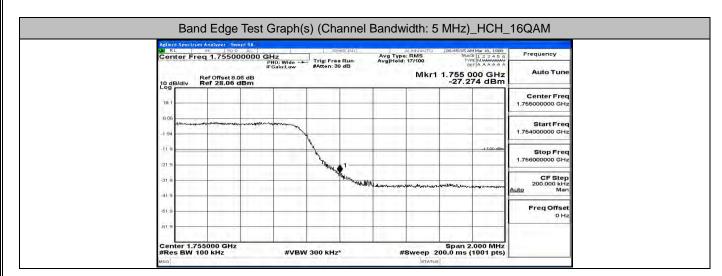




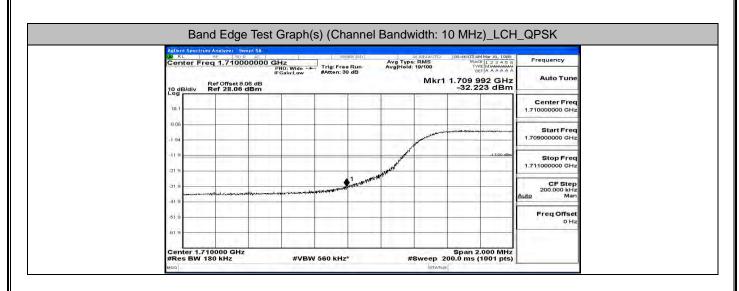
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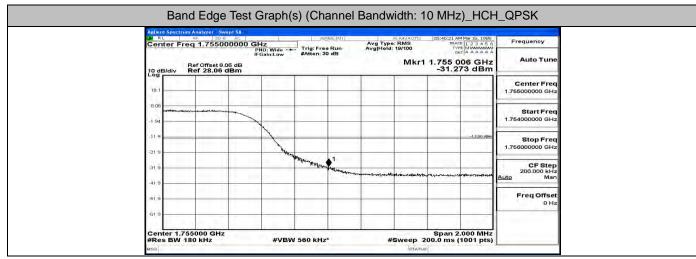






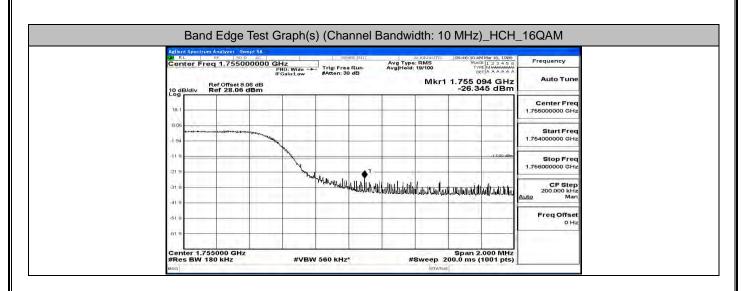
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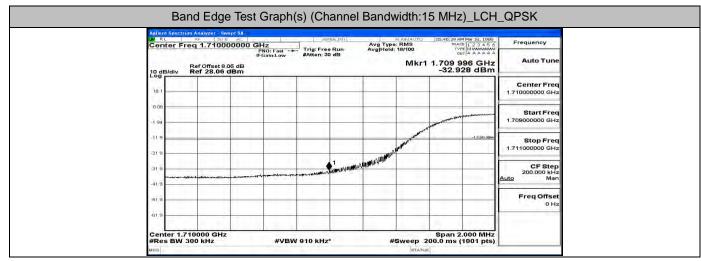




	RF RF			Sente	SE:INV		a ignauto	05:46:12 AM M	r 18: 1988	
		0000000 G	Hz	Carlot na Lot		Avg Type Avg Hold:	: RMS	TRACE 1	23456	Frequency
10 dB/div	Ref Offs Ref 28	et 8.06 dB .06 dBm	FGain:Low	#Atten: 30	dB			1.709 992 -33.031	GHz	Auto Tune
18 1										Center Freq 1.710000000 GHz
n.06			1 4 1 2				-		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Start Freq 1.709000000 GHz
-119						1			-13.00 dBm	Stop Freq 1.711000000 GHz
-31.9 -41.9	auftry -Alast-salitan		يور <sub>مول</sub> مرکزه مولو	ample selping mer	1					CF Step 200.000 kHz <u>Auto</u> Man
61.9										Freq Offset 0 Hz

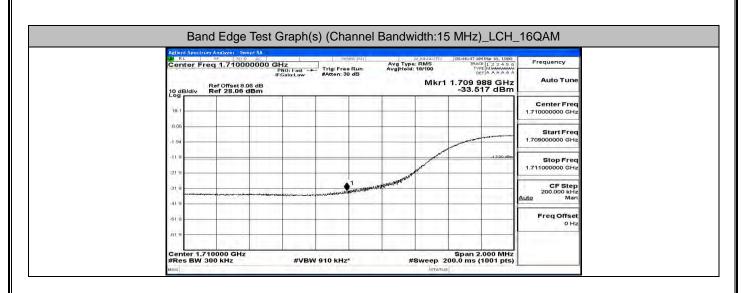
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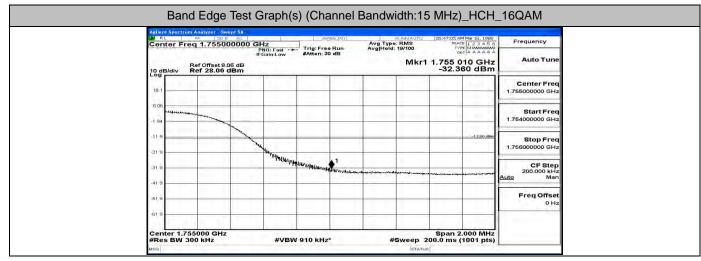




Center Freq 1.755000000 GHz In Statt         Trig: Free Run Avg Type: RMS Avg Type	Agilent Spect	trum Analyzer	Swept SA		que	ISE:INV		IGNAUTO	05:46:56 AM	Mar 18, 1988	1
IF GainLow         #Atten: 30 dB         Mkr1 1:755 344 GHz -31.867 dBm         Auto Tune           10 dB/div         Ref 075et 8.06 dBm         0<				SHz	The second second	V	Avg Type: Avg Hold:	RMS	TRACI	123456	Frequency
181         Center Freq           183	10 dB/div	Ref Offse Ref 28.0	t 8.06 dB	IFGain:Low	#Atten: 30	dB			1.755 3	44 GHz	Auto Tune
Start Freq         Start Freq           119         -1300800         -1300800           219         -1300800         Stop Freq           310         -1300800         CF Step           310         -1300800         CF Step           310         -1300800         CF Step           200.000 kHz         -1.756000000 GHz         -200.000 kHz           -119         -110         -1.756000000 GHz           -119         -1.756000000 KHz         -1.756000000 GHz           -119         -1.756000000 GHz         -1.75600000 GHz     <	We in m										Center Freq 1.755000000 GHz
Stop Freq         Stop Freq           319         1         1           419         1         1           619         1         1			-								Start Freq 1.754000000 GHz
219 319 419 510 510 510 510 510 510 510 510	-11 9		m	~~~						-1 3,00 dBm	Stop Freq
A19 AUX MAR		_		The Berly Walk Thurs	A But when		<b>∳</b> <sup>1</sup>	Ann some applying			CF Step 200.000 kHz
	-41.9	_	-								<u>Auto</u> Man
0H2	-61.9							-			Freq Offset 0 Hz

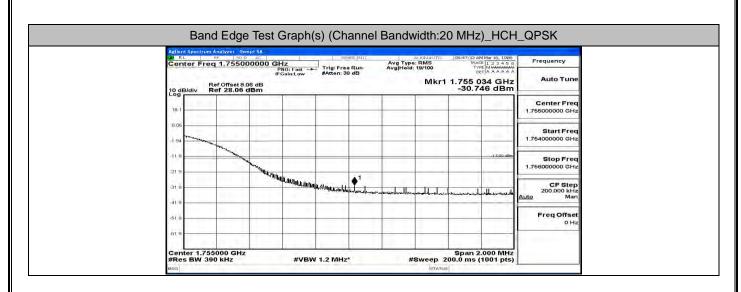
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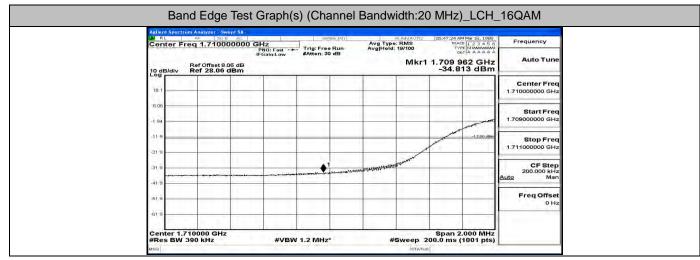




Center Freq 1,710000000 GHZ         Prequency           Previous Colspan="2">Previous Colspan="2">Previous Colspan="2">Previous Colspan="2"           Previous Colspan="2"	gilent Spectrum Analyzer - Swept SA RL RF 50 9 AC	SENSEINY	ALIGNAUTO 05:47:15 AM Mar 16, 1989	
Ref Offset 8.06 dB         Mkr1 1.709 994 GHz         Auto Tune           10 dB/dlv         Ref 28.06 dB         -34.560 dB         Center Free           10 dB/dlv         Ref 28.06 dB         -34.560 dB         Center Free           10 dB/dlv         Ref 28.06 dB         Start Free         1.71000000 GHz           19 dB/dlv         10 dB/dlv         Start Free         1.71000000 GHz           19 dB/dlv         10 dB/dlv         Start Free         1.71000000 GHz           11 dB/dlv         10 dB/dlv         1.00 dB/dlv         Start Free           21 9         10 dB/dlv         10 dB/dlv         Start Free           31 0         10 dB/dlv         10 dB/dlv         Start Free           11 dB/dlv         10 dB/dlv         10 dB/dlv         Start Free           21 9         11 dB/dlv         10 dB/dlv         Start Free           21 9         11 dB/dlv         10 dB/dlv         Start Free           21 9         11 dB/dlv         10 dB/dlv         Start Free		0 GHz	Avg Type: RMS TRACE 1 2 3 4 5 6 Avg Hold: 19/100 Type Minanuan	Frequency
181     Center Freq       180     Start Freq       193     Start Freq       194     Start Freq       193     Start Freq       194     Start Freq       195     Start Freq       194     Start Freq       195     Start Freq       196     Start Freq       197     Start Freq       198     Start Freq       199     Freq Offset	0 dB/div Ref 28.06 dBm		Mkr1 1.709 994 GHz	Auto Tune
194         Start Free           119         1200.00           219         1200.00           310         1           419         1           10         1           110         1           110         1           110         1           111         1           112         1           113         1           114         1           115         1           116         1           117         1           118         1           119         1           110         1           111         1           112         1           113         1           119         1           110         1           110         1           110         1           110         1           110         1           110         1           110         1           110         1           110         1           110         1           110         1           <				Center Freq 1.71000000 GHz
219         Stop Free           310         1           419         1           610         Freq Offset	A LINE MARKED IN			Start Freq 1.709000000 GHz
31.9 41.9 5			13.00 dBs	Stop Freq 1.711000000 GHz
519 Freq Offset	31.9 gaangmanigasaa amaa adamm	1	and the state of t	CF Step 200.000 kHz Auto Man
042				Freq Offset 0 Hz

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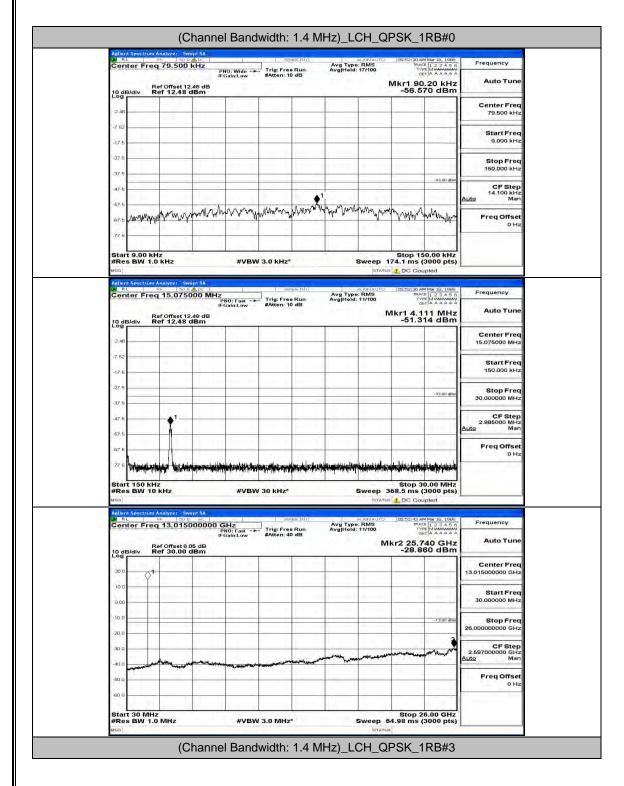


RL RL	m Analyzer Sv RF 50 1	wept SA		्रान	NSE:INT		ALIGN AUTO	05:47:41 AM	Mar 18, 1988	1
Center Fre		00000 G	Hz PNO: Fast>	a Constitution of	1.0.1	Avg Type Avg Hold:	: RMS 19/100	TYP	123456 MMMMMM AAAAAA	Frequency
10 dB/div	Ref Offset 8 Ref 28.06	.06 dB	Gain:Low	#Atten: 30	0 dB			1.755 0		Auto Tune
18.1										Center Freq 1.755000000 GHz
1.94 -1.94									1	Start Freq 1.754000000 GHz
-119	man water	and the second second							-1 3,00 dBm	Stop Freq 1.756000000 GHz
-419		A HANGER	nykshwaykshup	Washerstrand	1 Service market	*****			م القريبة الم	CF Step 200.000 kHz Auto Man
-61.9										Freq Offset 0 Hz

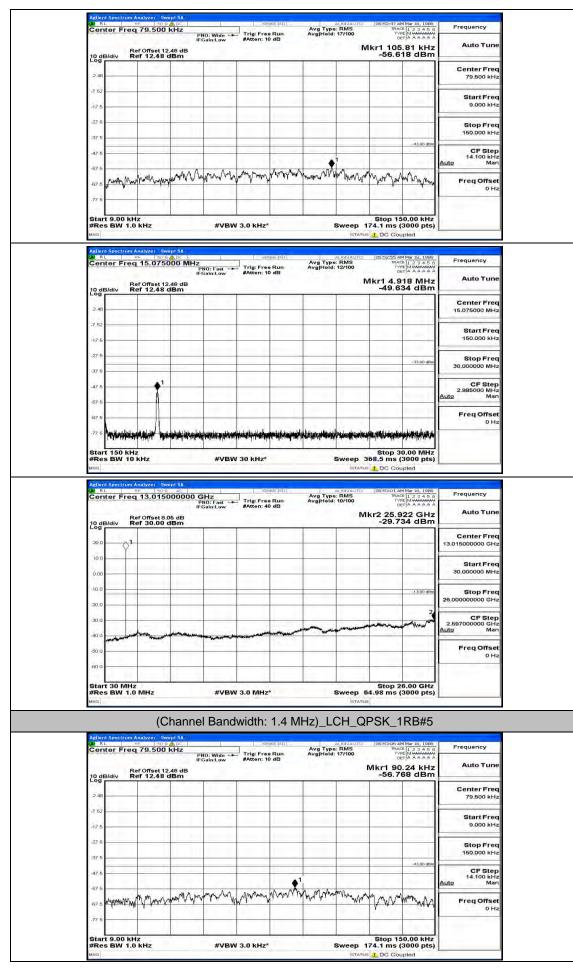
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# **E.5 Conducted Spurious Emission**

## **Channel Bandwidth: 1.4 MHz**



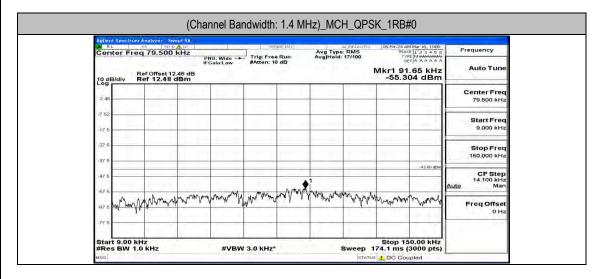
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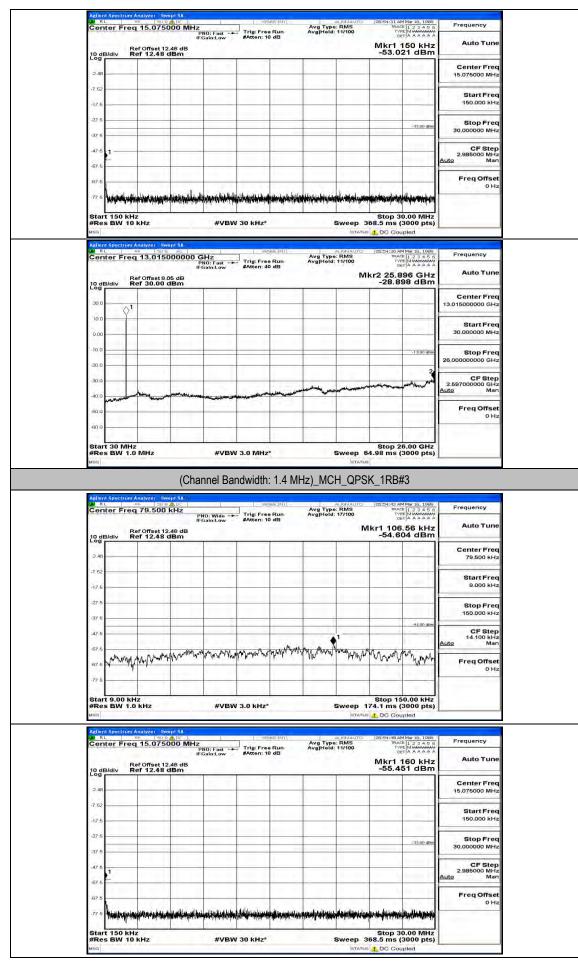
SHENZHEN I	LCS COMP	PLIANCE T	ESTING I	LABORAT	ORY LTD.

Center Fr	eq 15.0750	00 MHz PNO: Fa IFGain:L	ow #Atten: 1	e Run Avg H	Type: RMS lold: 12/100	TYPE A S	23456	Frequency
10 dB/div	Ref Offset 12.4 Ref 12.48 d	48 dB			IV	1kr1 5.475 -51.068	MHz dBm	Auto Tune
2.48	1 2 2		1				-	Center Free 15.075000 MH
-7 52						5 a		Start Free 150.000 kH
-27.6							-33.00 dBm	Stop Free 30.000000 MH
-47.5	•							CF Step 2.985000 MH; Auto Mar
-67.6								Freq Offse 0 Hi
LN RL	10 kHz m Analyzer - Swej RF   50 Q	et SA	VBW 30 kHz*	nee:niv)	ALIGNAUTO	Stop 30.00 68.5 ms (300 f DC Coupled	10 pts)	Frequency
#Res BW	10 KHz m Analyzer - Swej	et SA	se → Trig:Fre	e Run Avg	ALIGNAUTO Type: RMS fold: 11/100	DC Coupled DC Coupled DC Coupled DC:53:18 AM Mar TRACE 1 2 TYPE INV DCT A A	10 pts) 11 18, 1988 2 3 4 5 6	Frequency
#Res BW	no kHz Ref Offset 8.00 Ref 30.00 d	er SA eC 00000 GHz PNO: Fa IFGain:L	se → Trig:Fre	e Run Avg	ALIGNAUTO Type: RMS fold: 11/100	68.5 ms (300	00 pts) d 18, 1988 2 3 4 5 6 2 3 4 5 6 3 4 5 6	Auto Tune Center Free
#Res BW	10 kHz m Analyzet Swe RF 50 9 eq 13.0150	er SA eC 00000 GHz PNO: Fa IFGain:L	se → Trig:Fre	e Run Avg	ALIGNAUTO Type: RMS fold: 11/100	68.5 ms (300 DC Coupled 105:53:18 AM Mar TRACE 1:2 TYPE MA 105:153 TYPE MA 105:153 18 AM Mar 18 AM Mar 19 AM MA	00 pts) d 18, 1988 2 3 4 5 6 2 3 4 5 6 3 4 5 6	Auto Tune Center Free 13.015000000 GH; Start Free
#Res BW vsa vsa Contor Fr Contor Fr 10 dB/div 200 0.00 -10.0	no kHz Ref Offset 8.00 Ref 30.00 d	er SA eC 00000 GHz PNO: Fa IFGain:L	se → Trig:Fre	e Run Avg	ALIGNAUTO Type: RMS fold: 11/100	68.5 ms (300 COUPLET COUPLET DC COUPLET TRACE   TRACE   . TRACE   .	00 pts) d 18, 1988 2 3 4 5 6 2 3 4 5 6 3 4 5 6	Auto Tune Center Free 13.015000000 GH; Start Free 30.000000 MH; Stop Free
#Res BW wsig Addinal Spectra Center Fr 10 dB/div add a 0.00	no kHz Ref Offset 8.00 Ref 30.00 d	er SA eC 00000 GHz PNO: Fa IFGain:L	se → Trig:Fre	e Run Avg	ALIGNAUTO Type: RMS fold: 11/100	68.5 ms (300) DC Coupled DC:59.15 AM Mar Trend () Trend () Trend () Coupled Trend () Trend () Tre	00 pts) 1 1 19,1988 2345 d 3345 d 3345 d GHz dBm	Auto Tune Center Free 13.015000000 GH Start Free 30.0000000 GH Stop Free 26.00000000 GH CF Step 2.597000000 GH
#Res BW vsa Adlend Spears Center Fr Center Fr Conter Fr 0.00 0.00 -10.0 -20.0	no kHz Ref Offset 8.00 Ref 30.00 d	er SA eC 00000 GHz PNO: Fa IFGain:L	se → Trig:Fre	e Run Avg	ALIGNAUTO Type: RMS fold: 11/100	68.5 ms (300) DC Coupled DC:59.15 AM Mar Trend () Trend () Trend () Coupled Trend () Trend () Tre	119, 1088 119, 1088 23456 34444 GHz dBm 13.00 ullm	Auto Tune Center Free 13.015000000 GH;

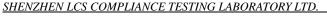


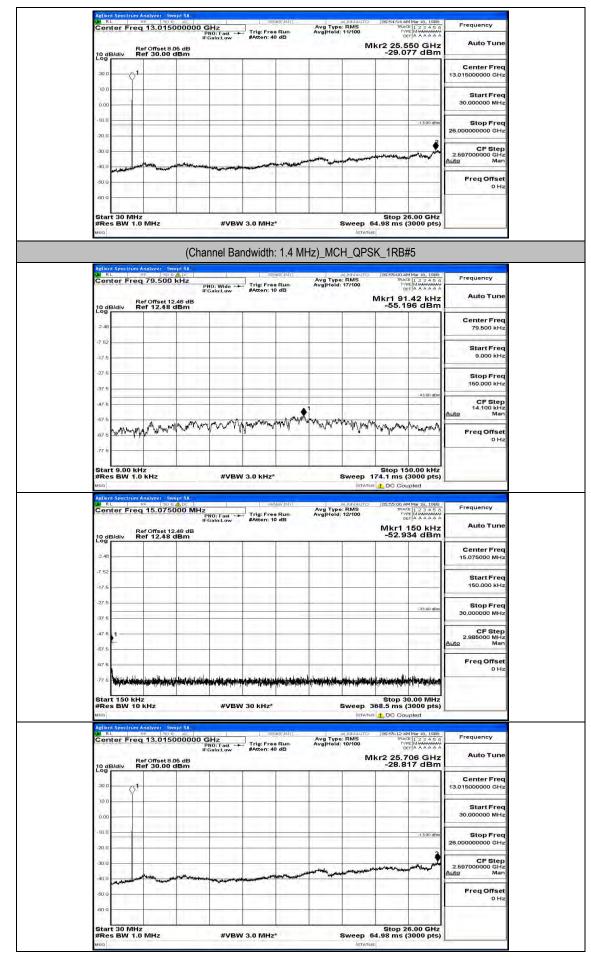
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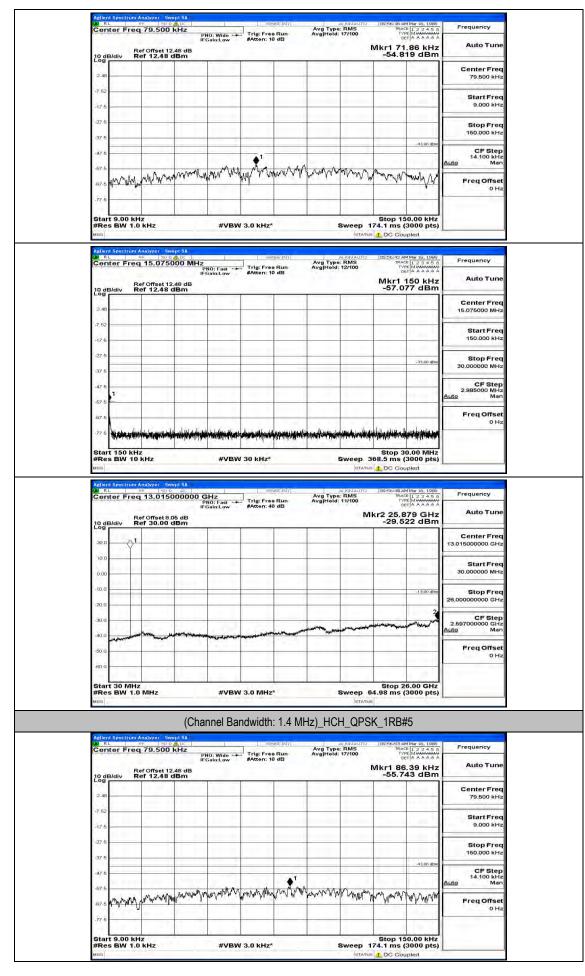




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Agilent Spectrum Analyzer Swe W RL 95 500 A Center Freq 79.500 k	ADC S	Avg Type: Avg Type: ae Run Avg Hold:	RMS TRACE	Mar 16, 1986 1 2 3 4 5 6 Mummummu A A A A A A	Frequency
10 dB/div Ref Offset 12.4 0 g Ref 12.48 d	PNO: Wide Trig: Fro IFGain:Low #Atten:	se Run Avg Held: 10 dB	Mkr1 72.		Auto Tune
2.45				-	Center Freq 79.500 kHz
-7 52					Start Freq 9.000 kHz
-27.6				—- Ē	Stop Freq 150.000 kHz
-37 5	A1			-46,00 dBm	CF Step 14.100 kHz
-67 6 -67 6 JANNIM MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM	man harmon and man	monter	manum	www.ww	Auto Man Freq Offset
-77 6					0 Hz
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz	* 5	Stop 15 weep 174.1 ms (3		
Aglient Spectrum Analyzer Swer	S DC S	enise inivi	INNALTO INSTA-25 AM	Mar 18, 1988	Frequency
Center Freq 15.0750	PNO: Fast Trig.rr IFGain:Low #Atten: 48 dB	Avg Type: se Run Avg Held; 10 dB	Mkr1 1	50 kHz	Auto Tune
10 dB/div Ref 12,48 d	Bm		-52.83	31 dBm	Center Freq
-7 52					Start Freq
-17.6				-	150.000 kHz Stop Freq
-37.6				-33.00 dBm	30.000000 MHz
-67.6					CF Step 2.985000 MHz Auto Man
-67.6	at the second strategy and the second	la cara di tetra carata e a			Freq Offset 0 Hz
Start 150 kHz	Annih anni hail it a tana ann a tan in ta ann	I Burd word	Stop 30	0.00 MHz	
#Res BW 10 kHz #sg	#VBW 30 kHz	5	weep 368.5 ms (3		
Aglient Spectrum Analyzer Swe RL RF 50 0 Center Freq 13.0150	41 9	evsetrivi Avg Type: Avg Type: Avg Hold; 40 dB	IGNAUTO 05:56:30 AM RMS TRACE 10/100 TYP DE	Mar 18, 1988 1 2 3 4 5 6 Munanimana A A A A A A	Frequency
10 dB/div Ref 30.00 d			Mkr2 25.6		Auto Tune
20.0					Center Freq 13.015000000 GHz
0.00				1 1	Start Freq 30.000000 MHz
-10.0				-13.00 dBm	Stop Freq 26.00000000 GHz
-20.0			-	and and and	CF Step 2.597000000 GHz Auto Man
-10.0	allen hat we share the series and an and a series of the s				Freq Offset
					0 Hz
:60.0					

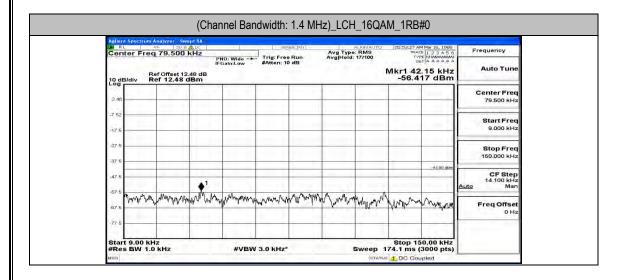
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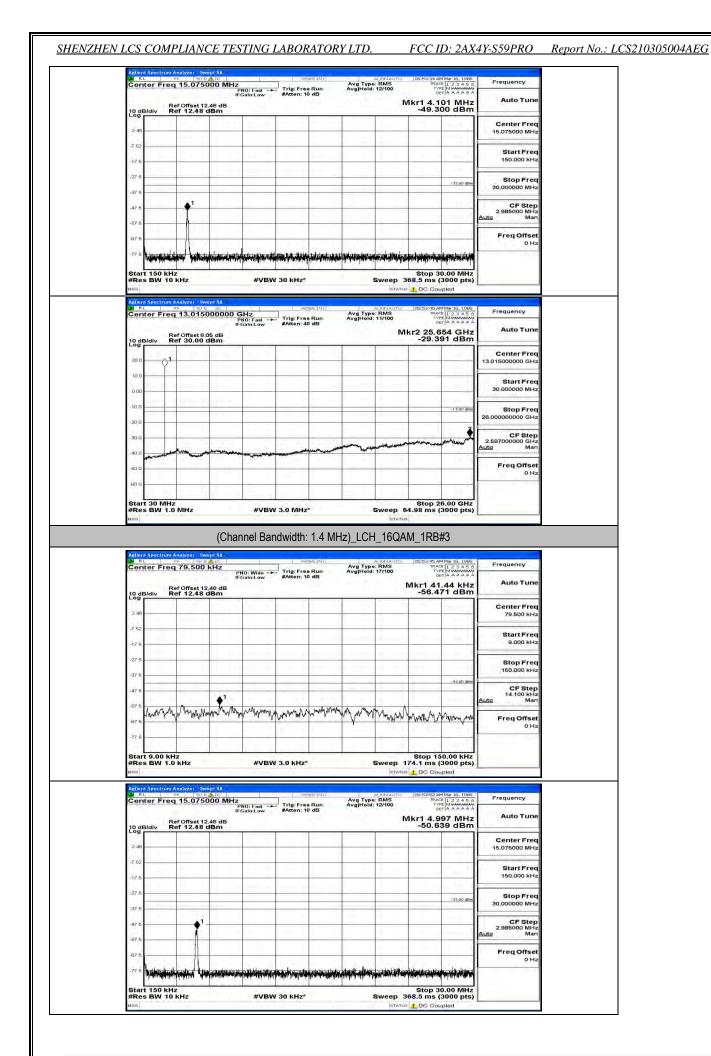
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SHENZHEN LCS	COMPLIANCE	TESTING	LABORAT	ORY LTD.

Auto Tun	Mkr1 160 kHz -55.859 dBm		-		dB n	Ref Offset 12.4 Ref 12.48 di	B/div F	10 di Log
Center Fre 15.075000 MH	-					-		2.48
Start Fre 150.000 kH								-7.52
Stop Fre 30.000000 MH	-33.00 dBm							-27.6
CF Step 2.985000 MH Auto Ma							1	-47.5
							<u>ال</u>	-67.6
Freq Offset 0 H; Frequency	Stop 30.00 MHz 8.5 ms (3000 pts) DC Coupled	Sweep 368	SEPT	V 30 kHz*	#VBV	KHz	L	#Re Msg Agllen
0 H2	Stop 30.00 MHz 8.5 ms (3000 pts) DC Coupled	Sweep 368	SEPT	V 30 kHz*	#VBV A 000 GHz PN0:Fast → IFGain:Low B	KHz 10 kHz es 150 c eq 13.01501 Ref Offset 8.06	t 150 kH s BW 10 ht Spectrum ter Free F	-77 5 Star #Re MSG Aglien R Cen
Frequency Auto Tuno Center Freq	Stop 30.00 MHz 8.5 ms (3000 pts) DC Coupled (05:7:09 MMm 16, 1080 (15:2 4 5 6 (15:2 5 6	Sweep 368	SEPT	V 30 kHz*	#VBV A 000 GHz PN0:Fast → IFGain:Low B	KHz 10 KHz In Analyzer Swer In Analyzer Swer PF 190 G eq 13.01500	t 150 kH s BW 10 ht Spectrum ter Free F	-77 5 Star #Re MSG Aglien R Cen
Frequency	Stop 30.00 MHz 8.5 ms (3000 pts) DC Coupled (05:7:09 MMm 16, 1080 (15:2 4 5 6 (15:2 5 6	Sweep 368	SEPT	V 30 kHz*	#VBV A 000 GHz PN0:Fast → IFGain:Low B	KHz 10 kHz es 150 c eq 13.01501 Ref Offset 8.06	t 150 kH s BW 10 ht Spectrum ter Free F	-77 5 Star #Re MSG Action R Cen
Frequency Auto Tunc Center Freq 13.01500000 GHJ	Stop 30.00 MHz 8.5 ms (3000 pts) DC Coupled (05:7:09 MMm 16, 1080 (15:2 4 5 6 (15:2 5 6	Sweep 368	SEPT	V 30 kHz*	#VBV A 000 GHz PN0:Fast → IFGain:Low B	KHz 10 kHz es 150 c eq 13.01501 Ref Offset 8.06	t 150 kH s BW 10 ht Spectrum ter Free F	-77 б Star #Re мsa 200 10.0 0.00 -10.0
Frequency Auto Tun Center Free 13.01500000 GH Start Free 30.000000 MH Stop Free	Stop 30.00 MHz 8.5 ms (3000 pts) DC Coupled 0007/00 AM Mar 10, 1080 0007/00 AM Mar 10, 1080 0007 A A A A A A 2 25, 957 GHz -29, 126 dBm	Sweep 368	SEPT	V 30 kHz*	#VBV A 000 GHz PN0:Fast → IFGain:Low B	KHz 10 kHz es 150 c eq 13.01501 Ref Offset 8.06	t 150 kH s BW 10 ht Spectrum ter Free F	-77 5 Star #Re MISO Action 20.0 10.0 0.00

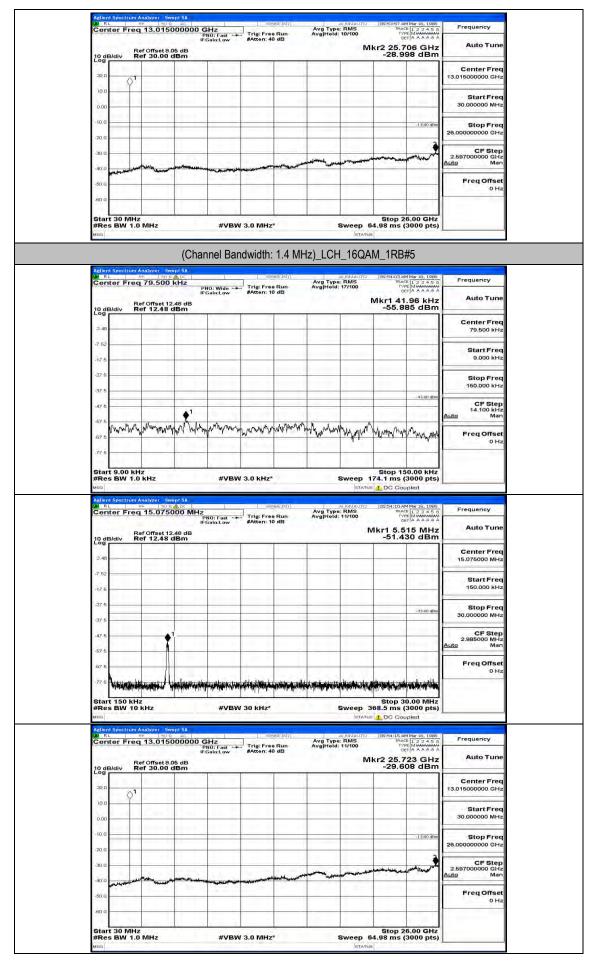


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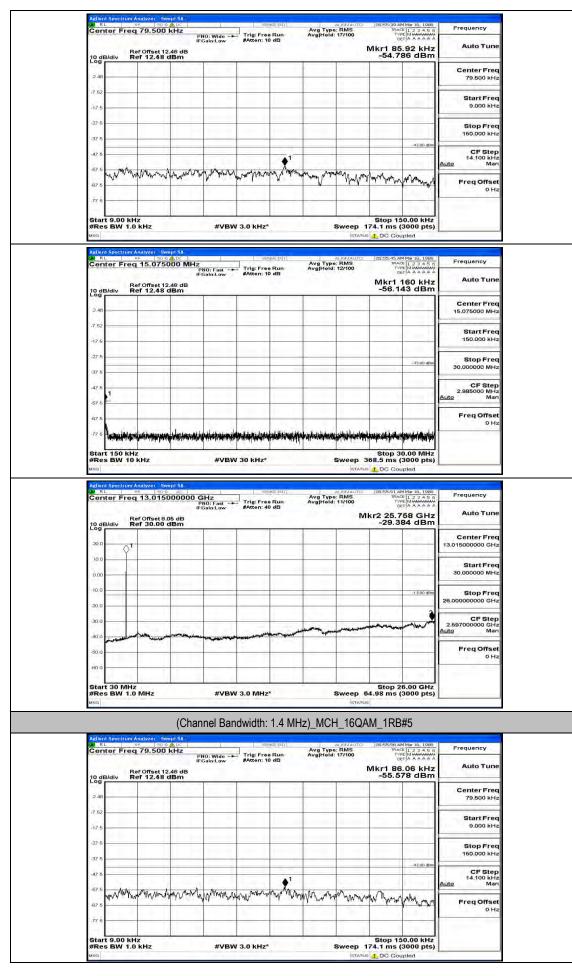
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LW RL		79.500	A DC		The second se	MRE:011		RMS	05:55:21 AN	4 Mar 18, 1988 1 2 3 4 5 6	Frequency
10 dB/		ef Offset 1 ef 12.48	P	NO: Wide -+ Gain:Low	#Atten: 1	e Run 0 dB	Avg Type Avg Hold:		Mkr1 18	.50 kHz	Auto Tune
2.48											Center Freq 79.500 kHz
-7 52							1				Start Freq 9.000 kHz
-27.5 —											Stop Freq 150.000 kHz
-37 6 -	-1									-13.00 dbm	CF Step 14.100 kHz
-67.6 N	wanter	Manara	hymm	NAMANAN	mann	Land many have	more and the	phin hypothese	war	man	Auto Man Freq Offset
-77 5								1			0 Hz
Start #Res	9.00 KH BW 1.0	iz kHz	.4:	#VBW	V 3.0 KHZ	•			Stop 15 74.1 ms (		
Agilent S		Analyzer - St	R ALDC	I	58	NISE:04Y	Aug Tur		05:55:28 AN	4 Mar 18, 1988	Frequency
	R	ef Offset 1	2.48 dB	NO: Fast 🔸 Gain:Low	#Atten: 1	e Run 0 dB	Avg Type Avg Hold:	11/100	Mkr1	150 kHz	Auto Tune
10 dB/	div R	ef 12.48	dBm					-	-55.31	85 dBm	Center Freq
-7.52								-			15.075000 MHz Start Freq
-17.6											150.000 kHz
-37.6		-								-33.00 dBm	Stop Freq 30.000000 MHz
-47.5	1										CF Step 2.985000 MHz Auto Man
-67.6			1. 2.2			Ter 14			0.101	(and a	Freq Offset 0 Hz
Start	150 kH	1.1.1.1.1.1.1.1	with the state of	a filler and the state	Million and a second	And the second second			Stop 3	0.00 MHz	
#Res	BW 10	kHz	_	#VBV	V 30 kHz*		, A		68.5 ms (	3000 pts)	
LW RL		Analyzer - 50 RF 50 1 13.015	000000	GHz NO: Fast ↔ Gain:Low	Trig: Fre #Atten: 4	NSEIMI e Run	Avg Type Avg Hold:	: RMS 11/100	TRAC	Mar 18, 1989 E 1 2 3 4 5 6 T MWAAWAAAA T A A A A A A	Frequency
10 dB/	div R	ef Offset 8 ef 30.00		Gametow	ernen. s		100	м	kr2 25.9		Auto Tune
20.0	<b>⊘</b> <sup>1</sup>			1		1				-	Center Freq 13.015000000 GHz
0.00			-	1			-				Start Freq 30.000000 MHz
-10.0								-		-13.00 dBm	Stop Freq 26.00000000 GHz
-20.0 -30.0							وستطور	المحمودين وطاعه	مبادميني	2	CF Step 2.69700000 GHz
- AO.O	-	al marken and			and the second		and a second	Maren Chamber		- 19 <u>23</u> -	Auto Man Freq Offset
-50.0											0 Hz
-60.0				1	1	1	1		1	10 C 10 C 10	

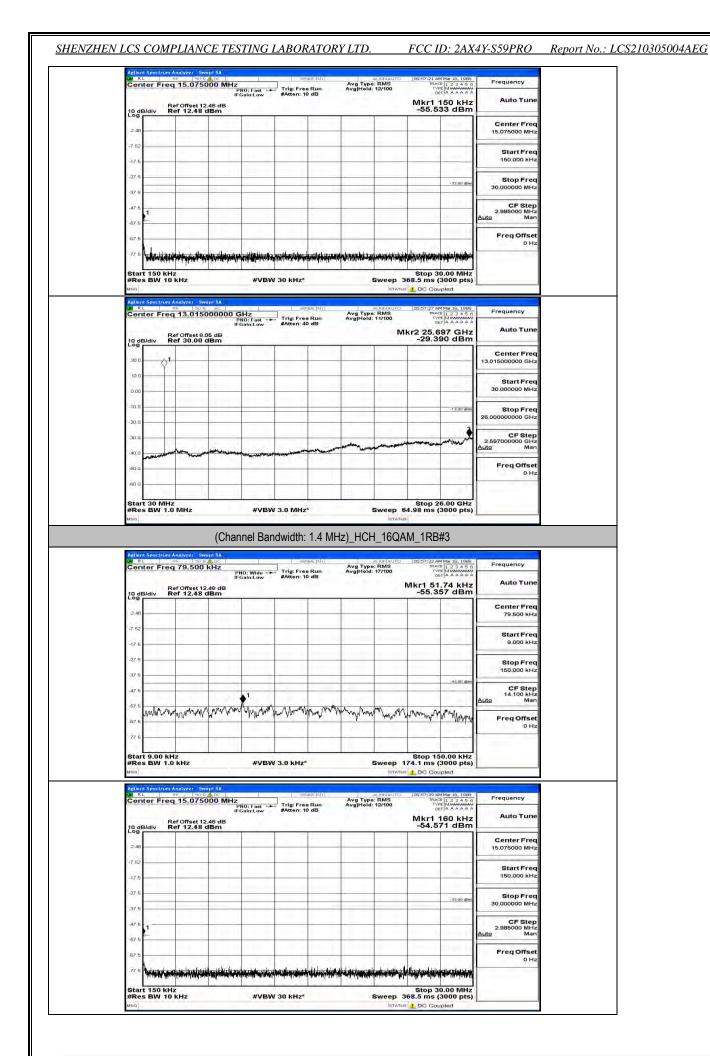


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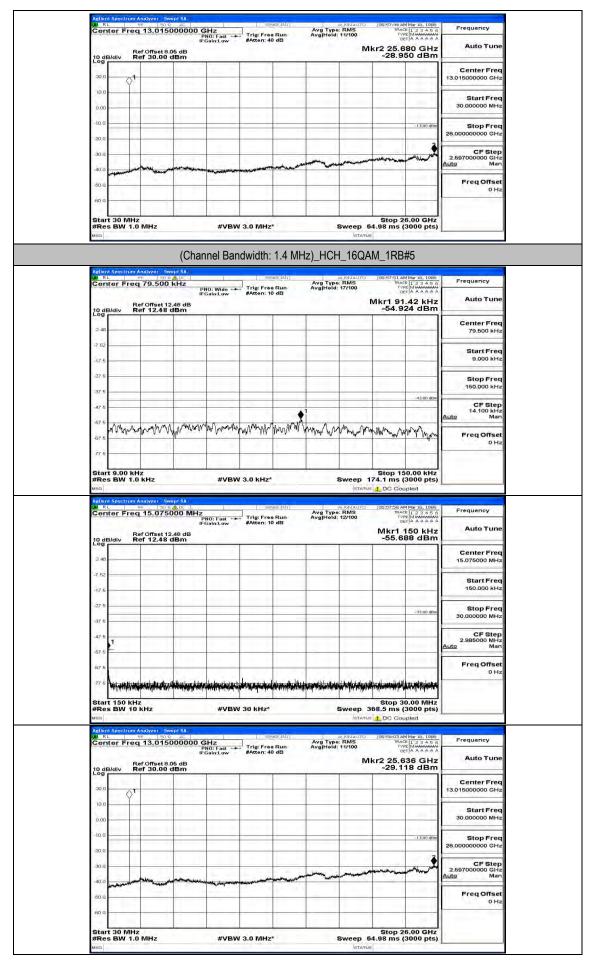
SHENZHEN LCS	COMPLIANCE	TESTING	LABORAT	ORY LTD.

	Re	15.0750	PI IFC	NO: Fast 🔸	Trig: Free #Atten: 10	Run dB	Avg Type Avg Hold	12/100	Mkr1	150 kHz	Frequency Auto Tune
10 dB	div Re	of 12.48 d					-		-56.2	71 dBm	
2.48				12.12					_		Center Fred 15.075000 MHz
-7.52 -											Start Free 150.000 kHz
-27.6										-33.00 dBm	Stop Free 30.000000 MHz
-37 5 -	1										CF Step 2.985000 MHz Auto Mar
-67.5	[							1	-		Freq Offset
-77 5			and the second	-	-	-	a Handride pur		and water the second		244
Start	150 kHz						-		Stop 3	0.00 MHz	
#Dac					001.11.4			and the local line	60 F	(2000 mtc)	
	BW 10	KHZ		#VBW	30 kHz*		13	Sweep 3			J
Msg	BW 10	KHZ	_	#VBW	30 KHZ"				DG Co		
Agilent	Spectrum A	nalyzer Swe	ept SA	#VBW				ISTATUS	L DC Co	upled	
MSG Acilent	Spectrum A	nalyzer Swe F 50 Q	00000 G	iHz	SEN	(SE:1417)			DC Co	upled	Frequency
MSG Acilent	Spectrum A	nalyzer Swe F 50 Q	000000 G			Run			DC Co	upled	1
Agilent Cent	Spectrum A F er Freq Pa	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Frequency Auto Tune
MSG Acilent	Spectrum A F er Freq Pa	nalyzer Swe ⊁ 50 0 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MMar 18, 1988 CE 1 2 3 4 5 6 PE MWWWWWW ET A A A A A A	1
Adlent	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Auto Tune Center Fred
MSG Aglient Cent	Spectrum A F er Freq Pa	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Auto Tune
Aglient	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Auto Tune Center Frec 13.015000000 GHz
Action Action W RL Cont 10 dB 20 0	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Auto Tune Center Fred
Adlent Da RL Cent	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Auto Tune Center Frec 13.015000000 GHz Start Frec
Action Action Cent 10 dB Log 20 0 10 0 =	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	upled MMar18, 1088 CE 1 2 3 4 5 6 PE MMANANA ET A A A A A 714 GHz	Auto Tune Center Frec 13.015000000 GHz Start Frec
Asia Acient Cent 10 dB 20 0 10 0 -10 0	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,3,456 (14,642 (14,642 (19,642 (19,642) (19,	Auto Tune Center Frec 13.015000000 GHz Start Frec 30.000000 MHz
Misa Action 10 dB 200 - 1000 - 0.00 -	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,3,456 (14,642 (14,642 (19,642 (19,642) (19,	Auto Tune Center Frec 13.01500000 GH2 Start Frec 30.000000 MH2 Stop Frec 26.00000000 GH2
Misa Actient 20 dB 20 0 10 0 -10 0	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,3,456 (14,642 (14,642 (19,642 (19,642) (19,	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 MHz Stop Frec 26.0000000 GHz 2.65700000 GHz
Action ( Action	Spectrum A er Freq Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,3,456 (14,642 (14,642 (19,642 (19,642) (19,	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 MHz Stop Frec 26.0000000 GHz 2.69700000 GHz
4500 1000 1000 1000 1000 1000 1000 1000	Spectrum A er Freq Re Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,3,456 (14,642 (14,642 (19,642 (19,642) (19,	Auto Tune           Center Frec           13.015000000 GH;           Start Frec           30.00000 MH;           Stop Frec           26.00000000 GH;           2.69700000 GH;           Auto Mar
Misa Action 1 20 dB 20 d 10 0 -10 0 -20 0 -30 0	Spectrum A er Freq Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,3,456 (14,642 (14,642 (19,642 (19,642) (19,	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 MHz Stop Frec 26.0000000 GHz 2.65700000 GHz
Action Ac	Spectrum A er Freq Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,456 (14,642 (14,642 (19,642 (19,642 (19,642) (19,642	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 GHz Stop Frec 26.0000000 GHz 2.65700000 GHz 2.65700000 GHz Auto Mar
4500 Action RL Cent 1000 -1000 -2000 -2000 -3000 -3000 -3000 -3000	Spectrum A er Freq Idiv Re	nalyzer Swe ⊮ 50 Ω 13.0150	000000 G Pi IFc	Hz N0: Fast →	Sen	Run		AUGNAUTO a: RMS : 11/100	105:56:09 A TRA TRA TRA TRA TRA TRA TRA TRA TRA TR	MM# 15, 198 (12,3,456 (12,456 (14,642 (14,642 (19,642 (19,642 (19,642) (19,642	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 GHz Stop Frec 26.0000000 GHz 2.65700000 GHz 2.65700000 GHz Auto Mar
Allent Allent RL Cont 10 dB 200 - 100	Spectrum A er Freq Idiv Re	nalyze Sve 13.0150 r Offset 8.0 sr 30.00 d	000000 G Pi IFc	HZ NO(Fast	Sen	Run dB		ALIONAUTO E RMS I 11/100 MI	<u>د محمد محمد محمد محمد محمد محمد محمد مح</u>	MM# 15, 198 (12,3,456 (12,456 (14,642 (14,642 (19,642 (19,642 (19,642) (19,642	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 GHz Stop Frec 26.0000000 GHz 2.65700000 GHz 2.65700000 GHz Auto Mar

Agilent Spectrum Analyzer Swep	Hz	Avg Type:	IGN AUTO 05:57:14 AM Mar 18, 1988 RMS TRACE 1 2 3 4 5 6	Frequency
Ref Offset 12.4 10 dB/div Ref 12.48 dE		ee Run Avg Heid: 1 10 dB	RMS 7/100 THE MUMAN DET A A A A A Mkr1 89.91 kHz -56.579 dBm	Auto Tune
2.48				Center Fred 79.500 kH;
-7.62				Start Fred 9.000 kHz
-27.6				Stop Freq 150.000 kHz
-47.5		A1.	-45.00 abm	CF Step 14.100 kHz Auto Man
-67.6 .67.6 WWWWWWWWWWWWW	ran wanter and the second	montheman	town the work when the second	Freq Offset
-77 6				





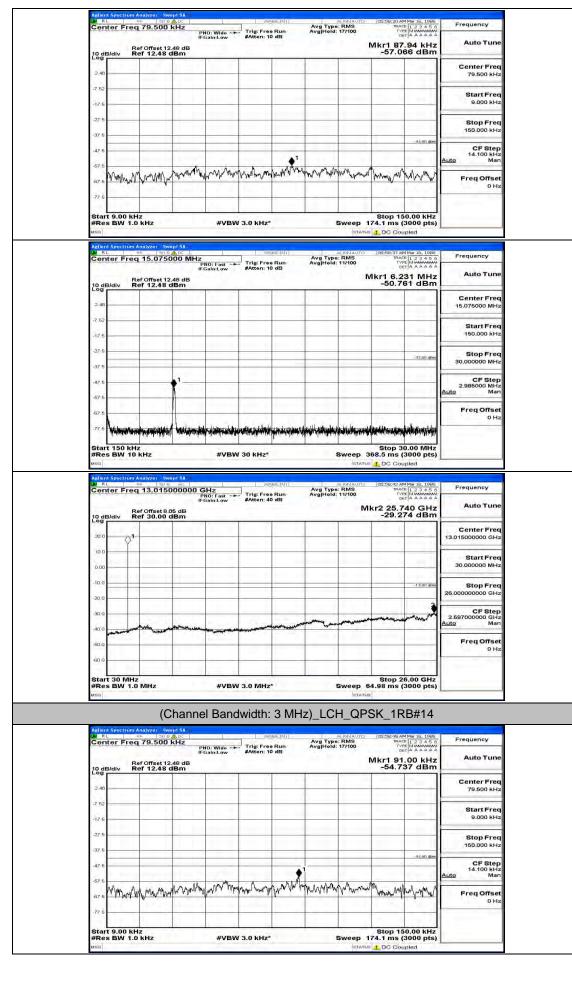


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## **Channel Bandwidth: 3 MHz**

Frequency	Mar 18, 1988	05:59:12 AM		Ava Tue	use:piy)	1 38		50 9 ALDC	req 79.50	SL 15	L R
Auto Tune	123456 Multimute 53 kHz	Mkr1 90.		Avg Typ Avg Hold	e Run 0 dB	#Atten: 1	PNO: Wide IFGain:Low				
Center Freq	4 dBm	-54.61		-		1	-	et 12.48 dB 48 dBm	Ref 12.4	B/div	10 d Log
79.500 kHz										1.0	2.48
Start Freq 9.000 kHz											-7 52
Stop Freq 150.000 kHz										5	-27.6
CF Step 14.100 kHz uto Man	-45.00 dbm			1	•						.47.6
Freq Offset 0 Hz	multure	Manna Mr.	Your have a second	manna	ogener Who .	Munum	Ununn	mond	minny		-67.6
	0.00 kHz	Stop 15				1			0 kHz	rt 9.00	-77 5 Star
		74.1 ms (3			-	N 3.0 kHz*	#VBV	_	1.0 kHz	es BW	#Re
Frequency	Mar 18, 1988	05:59:19 AM		Aug Tur	Nese (MAX)	50		50 9 ADC	rum Analyzer RF 13	RL	LH R
Auto Tune	2 MHz 9 dBm	1kr1 4.09		Avg Typ Avg Hold	e Run 0 dB	#Atten: 1	HZ PNO: Fast ↔ IFGain:Low	75000 MH et 12.48 dB 48 dBm		B/div	
Center Freq 15.075000 MHz											2.48
Start Freq 150.000 kHz			1								-7 52
Stop Freq 30.000000 MHz	~33.00 dBm										-27.6
CF Step 2.985000 MHz uto Man									<b>†</b> '	1.1	-37.6
Freq Offset 0 Hz										1.0	-67.6
	me dellary	dhuhulan taht	-	walke way	hiller high light		to the second second	uniter and the second	primerican have	MANAN	-77 5
	.00 MHz	Stop 30 68.5 ms (3	Sweep 3			N 30 kHz*	#VB		kHz 10 kHz	rt 150 es BW	Star #Re
	oled	LDC Cou	ISTATUS	_		and a contraction					MSG
Frequency	Mar 18, 1989 1 2 3 4 5 6 Mumanuan A A A A A A	05:58:25 AM TRACE	ALIGNAUTO	Avg Typ Avg Hold	NSE(NY)	Ser Trig: Free	D GHz PNO: Fast →	15000000	rum Analyzer R⊫ s Freq 13.01	RL.	L R
Auto Tune		kr2 25.7			0 dB	#Atten: 4	IFGain:Low		Ref Offset Ref 30.0	B/div	10 d
Center Freq 13.015000000 GHz								· · · · · · · · · · · · · · · · · · ·	<u>م</u> ا	1.0	20.0
Start Freq 30.000000 MHz							-			1 mar 1	0.00
Stop Freq 26.000000000 GHz	-13.00 dBm										-10.0
CF Step 2.597000000 GHz uto Man	mun	*****					1 2 4 4 1				-30.0
Freq Offset 0 Hz						and the second	and a surger of the second second	Call and a second s		- Aller	-40.0 -60.0
											-60 Ó
		Stop 26	1	1	1	4			MHz	rt 30 N	12.1

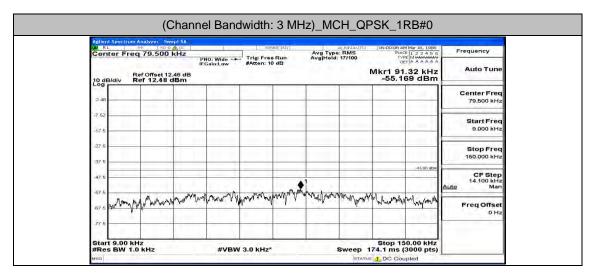
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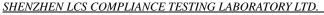
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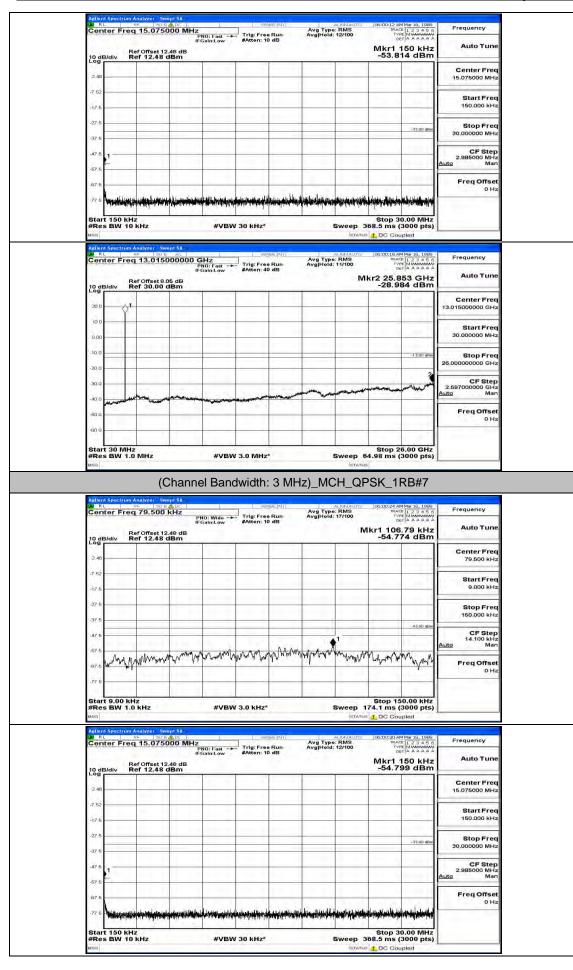
SHENZHEN LCS	COMPLIANCE TESTIN	IG LABORATORY LTD.	

Center Fre	eq 15.075	P	NO: Fast	Trig: Free	Run	Avg Type Avg Hold	11/100	TRA	CE 123456 PE MUMANUMAN DET A A A A A A	Frequency
10 dB/div	Ref Offset 1: Ref 12.48	1F 2.48 dB	Gain:Low	#Atten: 10	dB		N	Akr1 7.8	354 MHz 545 dBm	Auto Tun
2.48			1							Center Free 15.075000 MH
-7 52							1			Start Free 150.000 kH
-27.6									~33.00 dBm	Stop Free 30.000000 MH
-47.6		*							1	CF Step 2.985000 MH Auto Mar
-67.6							1		10.000	Freq Offse 0 Hi
Start 150 k #Res BW 1	0 KHZ		#VBN	/ 30 kHz*					30.00 MHz (3000 pts) upled	
#Res BW 1 Msg Aetlent Spectru D# RL Center Fre	0 kHz n Analyzer Sw RF 1505 20 13.015	000000 C		SEN	Run dB	_	AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) hupled MMar 18, 1988 CE 1 2 3 4 5 6 CPE MUMANANA DET A A A A A	Frequency
#Res BW 1 MSG Aelient Spectruk W RL Center Fre	0 kHz nAnalyzer Sw RF 150 s	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled MMar18, 1988 CE 1 2 3 4 5 6	1
#Res BW 1 Misc Addient Spectrue Mark RL Contor Fre	0 kHz RF 50 S eq 13.015 Ref 0ffset 8	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled (CE 1 2 3 4 5 6 (CE 1 2 3 4 5 6 (CE MWWWWWWWWWW (CE MWWWWWWWWWWWWW (CE A A A A A A (CE A A A A A A A A A A A A A A A A A A A	Auto Tune Center Free
#Res BW 1 Adlent Spectru Rt Center Fre	0 kHz RF 50 S eq 13.015 Ref 0ffset 8	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled (CE 1 2 3 4 5 6 (CE 1 2 3 4 5 6 (CE MWWWWWWWWWW (CE MWWWWWWWWWWWWW (CE A A A A A A (CE A A A A A A A A A A A A A A A A A A A	Auto Tune Center Frec 13.015000000 GH; Start Frec
#Res BW 1 Msc Addmt Spectru Center Fre 10 dB/div 20 0 10 0	0 kHz RF 50 S eq 13.015 Ref 0ffset 8	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled (CE 1 2 3 4 5 6 (CE 1 2 3 4 5 6 (CE MWWWWWWWWWW (CE MWWWWWWWWWWWWW (CE A A A A A A (CE A A A A A A A A A A A A A A A A A A A	Auto Tuno Center Free 13.015000000 GH; Start Free 30.000000 MH; Stop Free
#Res BW 1           visa           Adjent Generic           Center Fre           200           300           -100           -200           -300	0 kHz RF 50 S eq 13.015 Ref 0ffset 8	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled	Auto Tune Center Frec 3.01500000 GHJ Start Frec 30.000000 MHJ Stop Frec 26.0000000 GHJ 2.69700000 GHJ
#Res BW 1           visa           Adivid (spectru)           Conter Fri           Conter Fri           20.0           -10.0           -10.0           -10.0	0 kHz RF 50 S eq 13.015 Ref 0ffset 8	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled	Auto Tune Center Frec 3.01500000 GHJ Start Frec 30.000000 MHJ Stop Frec 26.0000000 GHJ 2.69700000 GHJ
#Res BW 1           visal           Aslevi (Sector)           Center Fra           Conter Fra           100           300           -100           -200           -300           -300	0 kHz RF 50 S eq 13.015 Ref 0ffset 8	0000000 C	SHz N0: Fast →	Sen	Run		AUGNAUTO a: RMS 11/100	68.5 ms	(3000 pts) upled	Auto Tune Center Frec 13.01500000 GHJ Start Frec 30.000000 MHJ Stop Frec 25.0000000 GHJ 2.59700000 GHJ 2.59700000 GHJ Auto Mar



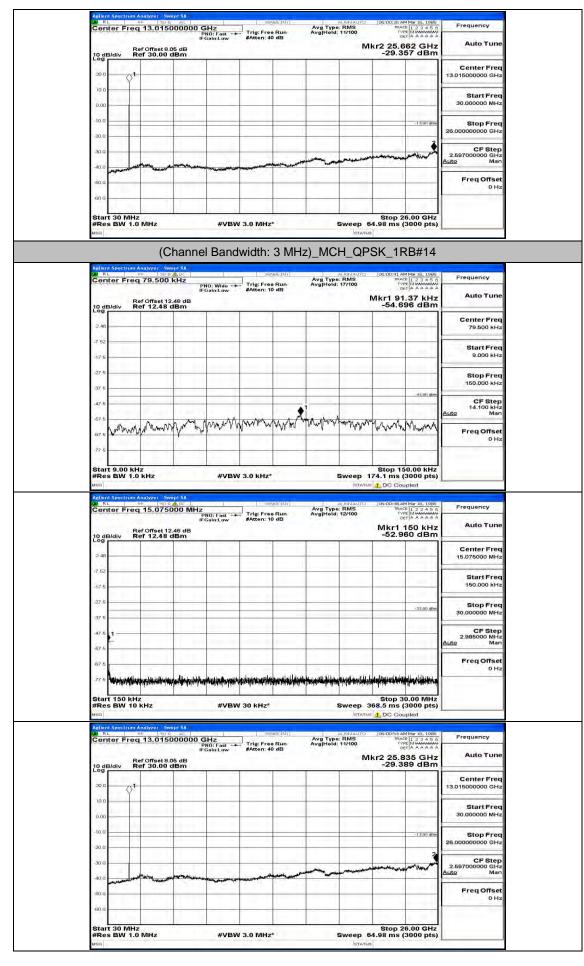
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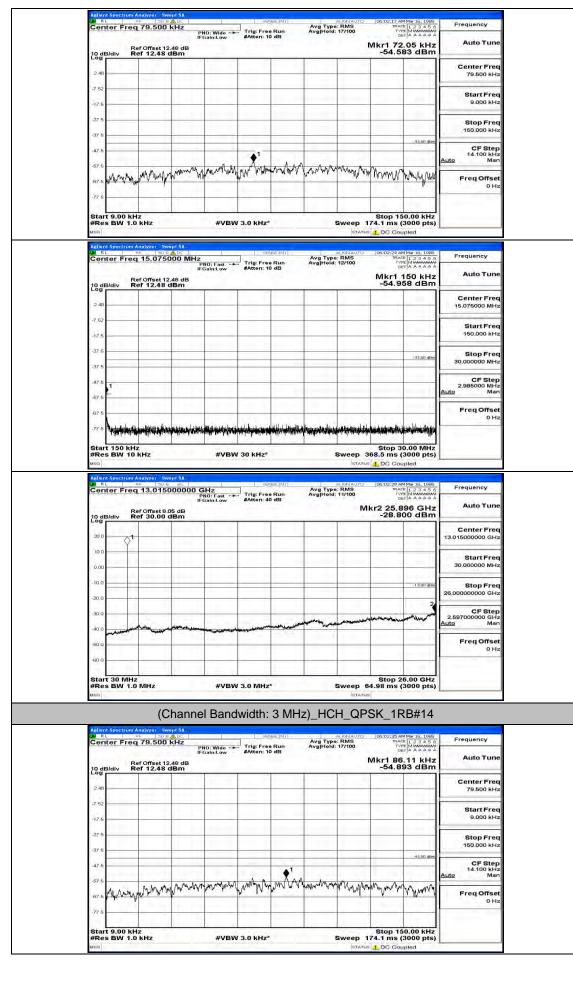




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Addent Spectrum Analyzer Sw W RL 95 50 9 Center Freq 79.500	ALDC-	sense:mi)		06:01:59 AM Mar 18; 1989	Frequency
Ref Offset 12	PNO: Wide Trig IFGain:Low #Att	Free Run Avg en: 10 dB	Type: RMS  Hold: 17/100	TYPE MUMUMAN DET A A A A A Mkr1 92.41 kHz -55.112 dBm	Auto Tune
2.48		1		- 1 km	Center Freq 79.500 kHz
-7 52		1			Start Freq 9.000 kHz
-27.5					Stop Freq 150.000 kHz
-37 5				-45.00 dbm	CF Step 14.100 kHz
-57.5	how have a server and the server and	Wand my marker	www.www.www.www.	monorman	Auto Man Freq Offset
-67.6					0 Hz
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.01	(Hz*		Stop 150.00 kHz 74.1 ms (3000 pts)	
MSG Agilent Spectrum Analyzer Swi RL RF 50 9	ADC	sense:m)	aurovauro	DC Coupled	Frequency
Center Freq 15.0750 Ref Offset 12 10 dB/div Ref 12.48 c	PNO: Fast 179 IFGain:Low #Att	Free Run Avg en: 10 dB	Type: RMS  Hold: 11/100	06:02:06 AM Mar 18, 1988 TRACE   1 2 3 4 5 6 TYPE   MANAMAN DET A A A A A A Mkr1 150 kHz -52.749 dBm	Auto Tune
2.48					Center Freq 15.075000 MHz
-7 52					Start Freq 150.000 kHz
-27.6				-33.00 úlim	Stop Freq 30.000000 MHz
-37.6			_		CF Step 2.985000 MHz Auto Man
-67.6	1			( ) ( ) ( ) ( ) ( )	Freq Offset
	Maded a line of the street of	e lean part of the lean of t	phillippe and the short of	yi ka patalaa kina ayaa pirin	0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 30 k	Hz*		Stop 30.00 MHz 68.5 ms (3000 pts)	
Aglient Spectrum Analyzer Swi WRL RF 50 0 Center Freq 13.0150	000000 GHz	SENSE MIT Free Run Avg		06:02:11 AM Mar 16; 1088 IRACE 1 2 3 4 5 6 TYPE MWAMMAN DET A A A A A A	Frequency
Ref Offset 8.0 10 dB/div Ref 30.00 d	IFGain:Low #Att	en: 40 dB	E CONTRACTOR	kr2 25.680 GHz -29.432 dBm	Auto Tune
20.0				_	Center Freq 13.015000000 GHz
0.00			-	1.1	Start Freq 30.000000 MHz
-10.0			_	-13.00 tillen	Stop Freq 26.00000000 GHz
-20.0			1	mon man and man	CF Step 2.597000000 GHz
-10.0	an anteria construction and a second s				Auto Man Freq Offset
-60.0					0 Hz
	1	- I - I -	10	Stop 26.00 GHz	

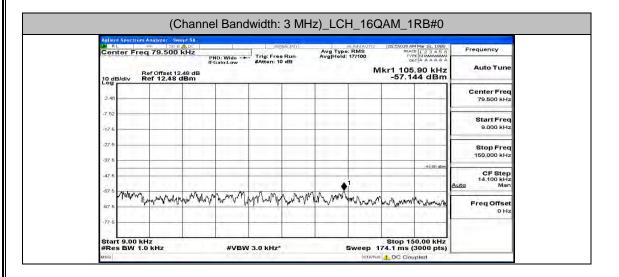
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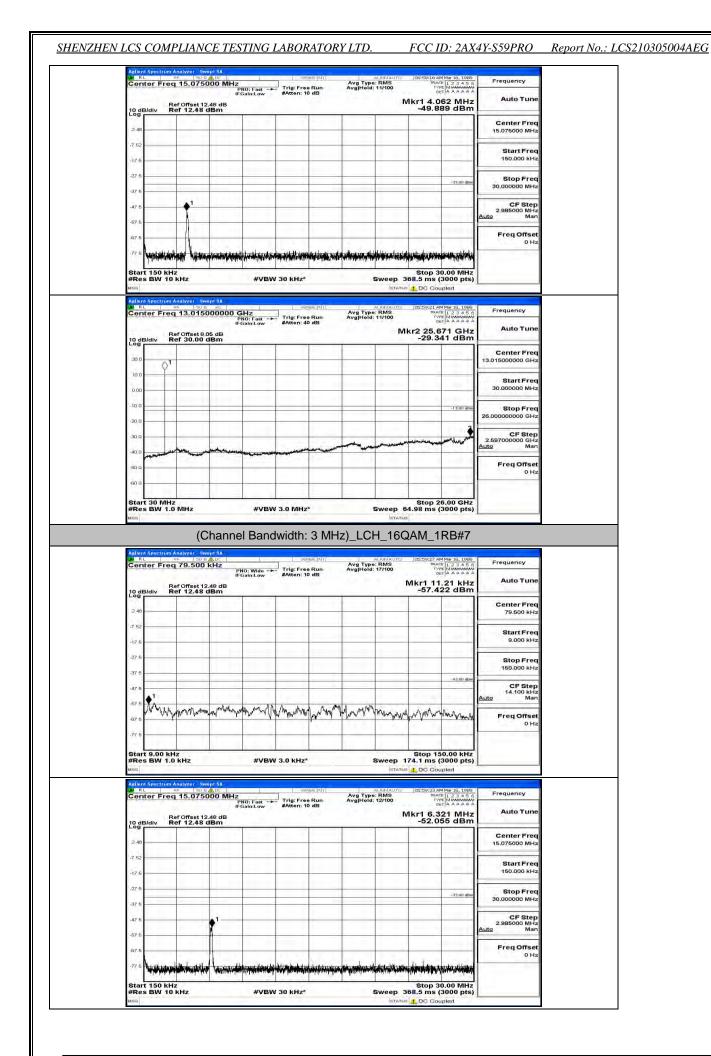
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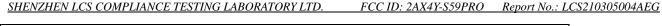
BW 10 kHz         #VBW 30 kHz*         Sweep 368.5 mis (3000 pts)           Immune         D Coupled           Immune         D Coupled           Profile         Immune         Profile         Immune           Ref Offset 8.06 dB         Mkr2 25.654 GHz         Auto Tune           -29.093 dBm         -29.093 dBm         Start Freq           30.000000 MHz         -30.000000 MHz         -30.000000 MHz           30.000000 MHz         -30.000000 MHz         -30.000000 MHz	Auto Tune	1 150 kHz 167 dBm	Mkr1	1.0	#Atten: 10 dE	IFGain:Low	Offset 12.48 dB 12.48 dBm	Ref Idiv Ref	10 dE
150 KHz     30.00000 GHz     150 KHz       150 KHz     WEW 30 KHz*     Stop Stop 30.00 MHz       150 KHz     WEW 30 KHz*     Stop 30.00 MHz       160 KHz     WEW 30 KHz*     Stop 30.00 MHz       150 KHz     WEW 30 KHz*     Stop 30.00 MHz       160 KHz     WEW 30 KHz*     Stop 30.00 MHz       160 KHz     WEW 30 KHz*     Stop 30.00 MHz       170 Freq 13.015000000 GHz     Trig Free Run     Avg Type: RMS       180 KHz     Stop 30.00 MHz     Trig Sree Run       190 C Goupled     Mkr 2 25.054 GHz       100 KHz     Stop 30.00 MHz       100 KHz     Stop 50.00 MHz </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>2.48</th>									2.48
30.000000 MHz       30.00000 MHz       30.00000 MHz       CF Step       2.985000 MHz       CF Step       2.985000 MHz       Stop 30.00 MHz       150 KHz       BW 10 kHz       WEW 30 kHz*       Sweep 368.5 mc (3000 pts)       PTFreq 13.01500000 GHz       Tr Freq 13.01500000 GHz       Maren: 40 dB       Martin       Maren: 40 dB       Maren: 4		1				1 1 1 1			-7.52
2.295000 MHz     2.95000 MHz     2.95000 MHz     400		-33.00 dBm							-27.6
Iso kHz     Stop 30.00 MHz       Iso kHz     #VBW 30 kHz*       Stop 30.00 MHz       Iso kHz       Iso kHz    <	2.985000 MHz	1 1 1 1 1 1						2	-37.6
Iso kHz     Stop 30.00 MHz       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     #VBW 30 kHz*       Sweep 368.5 ms (3000 pts)       Iso kHz     Stop 50.000 pts       Iso kHz     Iso kHz       Is	Freq Offset								-57.6
Center Freq 3.01500000 GHz Start Freq 3.000000 MHz	Frequency	s (3000 pts) Coupled	меер 368.5 ms ( Істатия <u>1</u> DC Co	Avg Type:	SEMSE:	GHz	alyzer Swept SA 150 ຄ. ສະ 1 13.015000000 (	Spectrum An	#Res
30.00000 MHz	100.00	s (3000 pts) Coupled	Meep 368.5 ms ( Matatus 6 DC Co CONAUTO 106:02:47 A SMS TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA 5/100 TRA	Avg Type:	Sever:	GHz PN0: Fast →	alyzer Swept SA S0 9 85 13.015000000 1	s BW 10 k	#Res Msg Aellen Uf RL Cen
	Auto Tune Center Freq	s (3000 pts) Coupled	Meep 368.5 ms ( Matatus 6 DC Co CONAUTO 106:02:47 A SMS TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA 5/100 TRA	Avg Type:	Sever:	GHz PN0: Fast →	alyzer Swept SA S0 9 85 13.015000000 1	s BW 10 k	#Res
2	Auto Tune Center Freq 13.01500000 GHz Start Freq	s (3000 pts) Coupled	Meep 368.5 ms ( Matatus 6 DC Co CONAUTO 106:02:47 A SMS TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA 5/100 TRA	Avg Type:	Sever:	GHz PN0: Fast →	alyzer Swept SA S0 9 85 13.015000000 1	s BW 10 k	#Res Msg Aetlen Lw RL Cen 10 dE
2.597000000 GHz	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.00000 MHz Stop Freq	s         (3000 pts)           Coupled         Southerd           IFAM Mar 10, 1085         IFAM Mar 10, 1085           IFAM Mar 10, 1085<	Meep 368.5 ms ( Matatus 6 DC Co CONAUTO 106:02:47 A SMS TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA 5/100 TRA	Avg Type:	Sever:	GHz PN0: Fast →	alyzer Swept SA S0 9 85 13.015000000 1	s BW 10 k	#Res Misic Action RL Cen 20.0 10.0 -10.0
Auto Mar	Auto Tune Center Frec 13.015000000 GHz Start Frec 30.000000 MHz Stop Frec 26.00000000 GHz CF Step 2.697000000 GHz	s         (3000 pts)           Coupled         Southerd           IFAM Mar 10, 1085         IFAM Mar 10, 1085           IFAM Mar 10, 1085<	Meep 368.5 ms ( Matatus Co Co CONAUTO 106:02:47 A SMS TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA TRA 5/100 TRA 5/100 TRA	Avg Type:	Sever:	GHz PN0: Fast →	alyzer Swept SA S0 9 85 13.015000000 1	s BW 10 k	Action Action Record Con 20.0 0.00

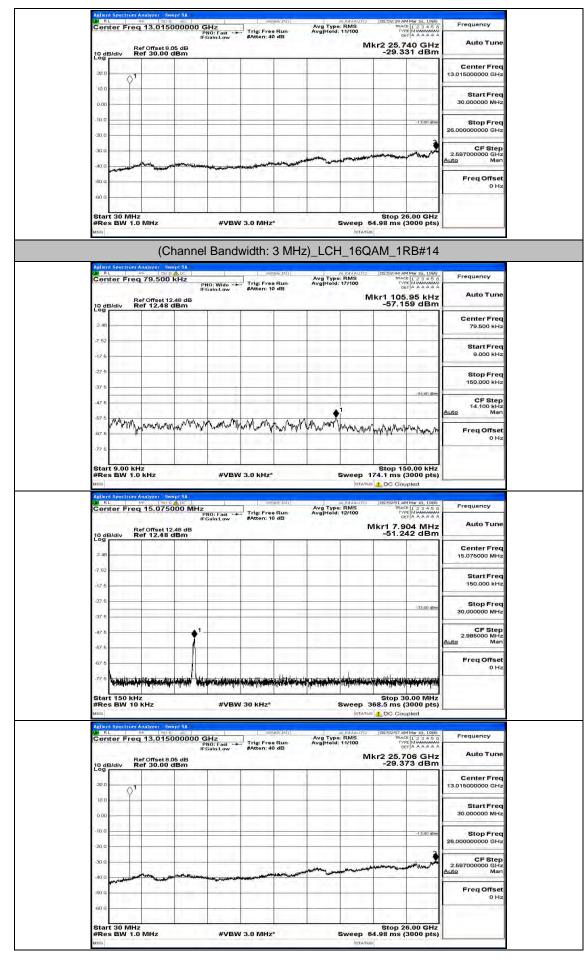


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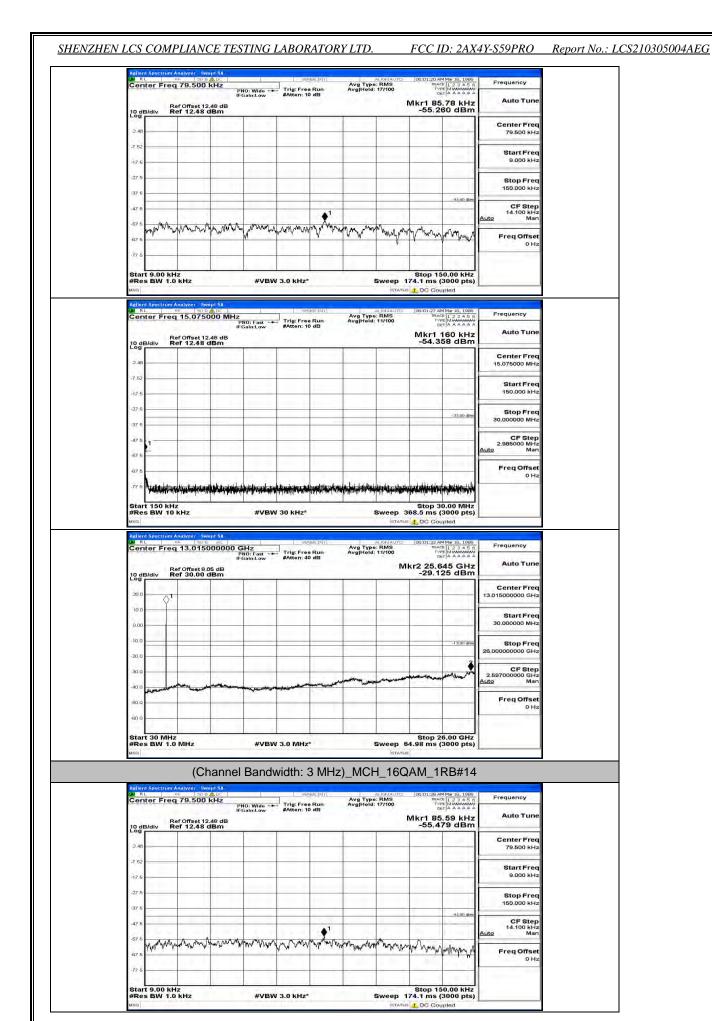




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L.X/ F	tL.	Analyzet Sw 95 50 9 q 79.500	ADC   kHz	10: Wide -+	Ser	e Run	Avg Type Avg Hold:	RMS	06:01:09 AN TRAC	Mar 16, 1989 1 2 3 4 5 6 Mummundar A A A A A A	Frequency
10 -	B/div	Ref Offset 12 Ref 12.48 (	(IF)	10: Wide 🔸 Gain:Low	#Atten: 1	0 dB			Mkr1 85		Auto Tune
2.4										-	Center Freq 79.500 kHz
-7 52								-			Start Freq 9.000 kHz
-27.6	10.000										Stop Freq 150.000 kHz
-37 6						41				-13.00 dbm	CF Step 14.100 kHz
-67.6	awww.	month	wwwww	Mar Andrewan	www.man	muntul	mum	manyu	mm	Munum	Auto Man Freq Offset
-77 8											0 Hz
Sta #Re	rt 9.00 k s BW 1.	Hz 0 kHz		#VBW	3.0 kHz*				Stop 15 74.1 ms (3		
E.WA F	RL .	Analyzer Sw RF 50.9 q 15.0750	A DC	į.	CONTRACTOR OF A	desentral y [		INGNAUTO	06:01:09 AN	Mar 18, 1988	Frequency
		Ref Offset 12 Ref 12.48	- UF)	NO: Fast 🔸	#Atten: 1	e Run 0 dB	Avg Type Avg Hold:	11/100	Mkr1 1	50 kHz 6 dBm	Auto Tune
2.4f											Center Freq 15.075000 MHz
-7.52	11 Hitte										Start Freq 150.000 kHz
-27.6			1 - beet							-33.00 dBm	Stop Freq 30.000000 MHz
-37 6	. 1									1.000	CF Step 2.985000 MHz
-67.6	10.000										Auto Man Freq Offset
-77 6	happy	in the second second	and the second	in reachard and a star	-	akkutiviti	(i film of the second	kindina ni natifika	partition of plants	a an	0 Hz
Sta #Re	rt 150 ki s BW 1	lz D kHz		#VBW	30 kHz*				Stop 3 68.5 ms (		
Late F	RL .	Analyzer Sw ⊯ 150 0 q 13.015(	00000 0	Hz NO:Fast →►	Se Trig:Fre	NGE(NY)	Avg Type Avg Hold:	RMS	06:01:15 AN TRAC	Mar 16, 1989 1 2 3 4 5 6 Munanianan A A A A A A	Frequency
10 0	B/div	Ref Offset 8.0 Ref 30.00 (	6 dB	Gain:Low	#Atten: 4	0 dB			r2 25.7		Auto Tune
20 0	the second		11 111 1	1							Center Freq 13.015000000 GHz
0.00	band is 1						1		21.1		Start Freq 30.000000 MHz
-10.0										-13.00 dBm	Stop Freq 26.00000000 GHz
-30.0						من	warming	and a strengthered		mound	CF Step 2.597000000 GHz Auto Man
-40.0	and the second				an a	ng dar na balan an	in the second				Freq Offset
-60 0	pl . 101										2.115
Sta	rt 30 MH	z 0 MHz		#VBW	3.0 MHz	*		weep 6	Stop 2 4.98 ms (3	6.00 GHz	

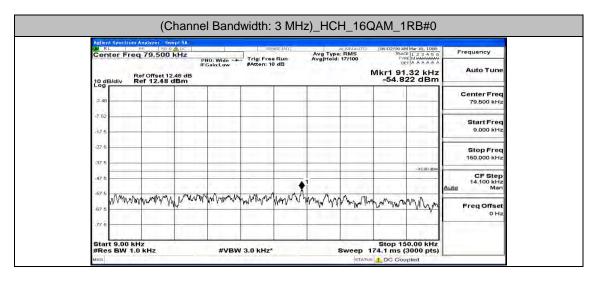
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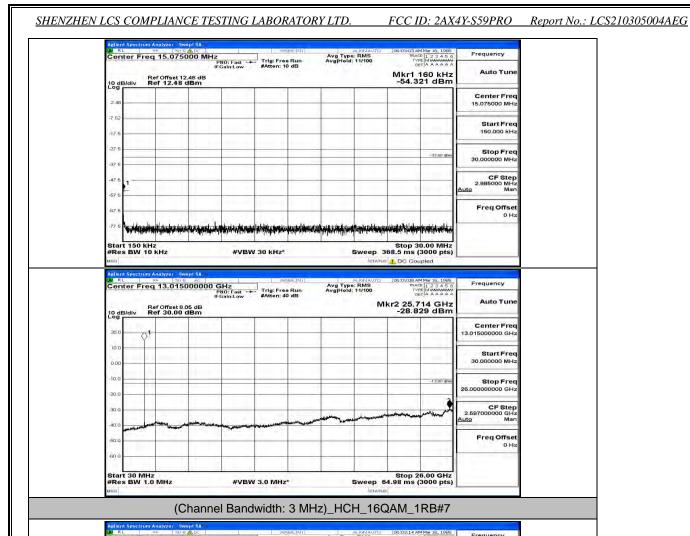
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SHENZHEN	LCS	COMF	PLIANCE	TESTING	LABORAT	ORYLT	D.

Cen	ter Frec	15.075	000 MHz	NO: Fast	Trig: Fre	Run	Avg Type Avg Hold	e: RMS 1: 12/100	TRA	M Mar 18, 1988 CE 1 2 3 4 5 6 PL MMANMAAA DET A A A A A A	Frequency
10 dE	B/div R	ef Offset 1: ef 12.48	1F 2.48 dB	Gain:Low	#Atten: 1	0 dB			Mkr1	150 kHz 65 dBm	A DOLL MADE IN COMPANY
2.48				10.1				1			Center Fred 15.075000 MH;
-7.52											Start Free 150.000 kHz
-27.5										-33.00 dBm	Stop Free 30.000000 MHz
-47.5	1										CF Step 2.985000 MHz Auto Mar
-67.6											Freq Offset
		1.	har a standard and and	entime transferring	n haintaid tentrin	n kunnelsteinen		hind have been been been been been been been be		10 10	
	t 150 kH								Stop 3	80.00 MHz	
	5 BW 10			#VBW	V 30 kHz*			Sweep 3			L
#Res	s BW 10	KHZ		#VBW	V 30 kHz*	NET-TRIVI		STATUS	L DC Co	upled	
#Res	s BW 10	KHZ Analyzer Sw RF 1505	000000	SHz 2N0: Fast →	Se Trig: Fre	NSEDIT		AUGNAUTO	DG Co		Frequency
#Res MsG Aglen Cen	s BW 10 I Spectrum ter Frec	kHz малууес Sw № 150 S 13.015 ef Offset 8	000000 ( 	SHz	50	NGE:[PIT] e Run 0 dB	Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled MMar 16, 1988	
#Res MsG Aellen	s BW 10 I Spectrum ter Frec	KHz Analyzer Sw RF 5015 13.015	000000 ( 	SHz 2N0: Fast →	Se Trig: Fre	NSE(MY) • Run • dB	Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled MMar 18, 1988 <sup>GE</sup> 1 2 3 4 5 6 PE MMMMMM PET A A A A A 662 GHz	Auto Tune Center Fred
Aglen Aglen De RL Cen 10 dE	s BW 10 I Spectrum ter Frec B/div R	kHz маlуzес Sw № 150 S 13.015 ef Offset 8	000000 ( 	SHz 2N0: Fast →	Se Trig: Fre	NSE [PIT] s Run 0 dB	Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled MMar 18, 1988 <sup>GE</sup> 1 2 3 4 5 6 PE MMMMMM PET A A A A A 662 GHz	Auto Tune Center Frec 13.015000000 GHz Start Frec
#Res wea 20 en 20 a 20 a 10 0 0.00 -10 a	s BW 10 I Spectrum ter Frec B/div R	kHz маlуzес Sw № 150 S 13.015 ef Offset 8	000000 ( 	SHz 2N0: Fast →	Se Trig: Fre	955:177] 9 Run 9 dB	Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled MMar 18, 1988 <sup>GE</sup> 1 2 3 4 5 6 PE MMMMMM PET A A A A A 662 GHz	
#Res wsa 20 0 10 0 10 0 10 0 0.00	s BW 10 I Spectrum ter Frec B/div R	kHz маlуzес Sw № 150 S 13.015 ef Offset 8	000000 ( 	SHz 2N0: Fast →	Se Trig: Fre	955:171/ 9 Run- 0 dB	Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 MHz Stop Frec 26.00000000 GHz 2.69700000 GHz
#Res usa 200 100 100 100 0.00 -100 -20.0	s BW 10 I Spectrum ter Frec B/div R	kHz маlуzес Sw № 150 S 13.015 ef Offset 8	000000 ( 	SHz 2N0: Fast →	Se Trig: Fre	985.1911	Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled	Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 GHz Stop Frec 26.0000000 GHz 2.65700000 GHz 2.65700000 GHz Auto Mar
#Res usa Action Con 200 200 200 100 0.00 -100 -200 -300 -400	s BW 10 I Spectrum ter Frec B/div R	kHz малууес Sw № 150 S 13.015 ef Offset 8	000000 ( 	SHz 2N0: Fast →	Se Trig: Fre		Avg Typ	al IGNAUTO e: RMS 11/100	06:01:50.2 TRA P Kr2 25.0	upled	Ашто Типе Сепter Free 13.015000000 GH; Start Free 30.00000 MH; Stop Free 2.69700000 GH; 2.69700000 GH; Ашто Маг



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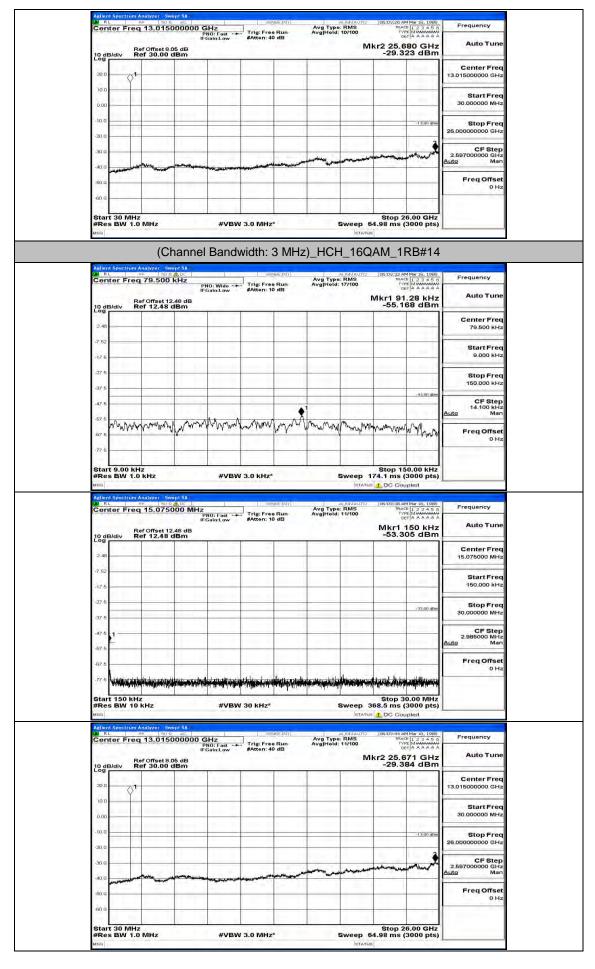


Frequency Auto Tun	64 kHz	Vkr1 51	17/100	Avg Type Avg Hold:	e Run 0 dB	Trig: Fre #Atten: 1	iO: Wide -+ Sain:Low	A8 dB	Ref Offset 12	
Center Free 79.500 kH							12.1			dB/div
Start Free 9.000 kH		1			i se se		1			6
Stop Free 150.000 kH										6
CF Step 14.100 kH Auto Mar	-45.00 dbm	-					1			6
Freq Offse	mylan	winny	Muniter	-mon-ularya	mont	www	mayon	hum	Mann	s MMW
	pled	74.1 ms (:	the second se		e NESE: 1917	' 3.0 KHz'	#VBW	ept SA	.0 KHz	art 9.00 l es BW 1
Frequency	3000 pts) pled Mar 18, 1988 1 2 3 4 5 6 Minimum T A A A A A A	74.1 ms (: DC Cou D6:03:20 AN TRAC TYP DE	ETATUS ALIGNAUTO I: RMS		NGE MA		#VBW HO: Fast → Sain:Low	DOO MHz	.0 kHz n Analyzer Sw RF হিচের eq 15.0750	art 9.00   es BW 1 ent Spectru RL
	3000 pts) pled	74.1 ms (: DC Cou DC Cou TRAC TYP DE Mkr1 1	ETATUS ALIGNAUTO I: RMS		NGE MA	Se Trig:Fre	10: Fast →	ABC DOO MHz PI IFC	.0 kHz n Analyzet - Swi RF SUΩ	art 9.00   es BW 1 ent Spectru RL
Frequency Auto Tune Center Free	Mar 18, 1988 1 2 3 4 5 6 1 3 3 4 5 6 1 3 3 4 5 6 1 4 4 5 4 5 6 1 4 5 6 kHz	74.1 ms (: DC Cou DC Cou TRAC TYP DE Mkr1 1	ETATUS ALIGNAUTO I: RMS		NGE MA	Se Trig: Fre	10: Fast →	ABC DOO MHz PI IFC	.0 kHz <sup>Analyzer</sup> Sw <sup>RF</sup> 50 Ω <sup>RF</sup> 15.0750 Ref Offset 12	ent 9.00 l es BW 1 ent Spectru RL inter Fro
Frequency Auto Tune Center Free 15.075000 MH Start Free	Mar 18, 1988 1 2 3 4 5 6 1 3 3 4 5 6 1 3 3 4 5 6 1 4 4 5 4 5 6 1 4 5 6 kHz	74.1 ms (: DC Cou DC Cou TRAC TYP DE Mkr1 1	ETATUS ALIGNAUTO I: RMS		NGE MA	Se Trig: Fre	10: Fast →	ABC DOO MHz PI IFC	.0 kHz <sup>Analyzer</sup> Sw <sup>RF</sup> 50 Ω <sup>RF</sup> 15.0750 Ref Offset 12	dB/div dB/div dB/div dB/div
Frequency Auto Tun- Center Fre- 15.075000 MH Start Fre- 150.000 kH Stop Fre-	3000 pts) pled	74.1 ms (: DC Cou DC Cou TRAC TYP DE Mkr1 1	ETATUS ALIGNAUTO :: RMS		NGE MA	Se Trig: Fre	10: Fast →	ABC DOO MHz PI IFC	.0 kHz <sup>Analyzer</sup> Sw <sup>RF</sup> 50 Ω <sup>RF</sup> 15.0750 Ref Offset 12	art 9.00 i es BW 1 es BW 1 en Spectra RL

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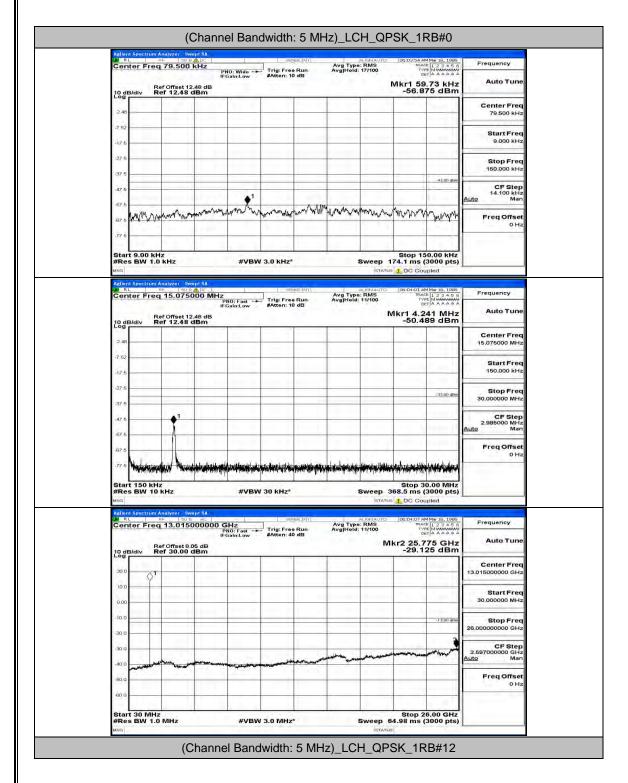
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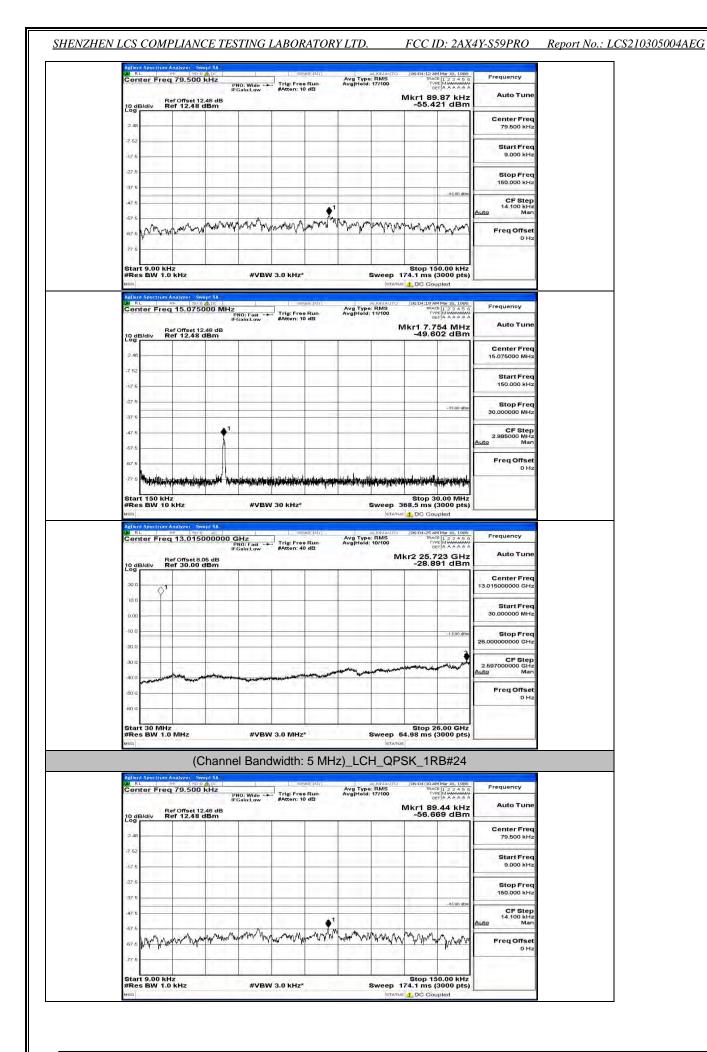


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### **Channel Bandwidth: 5 MHz**



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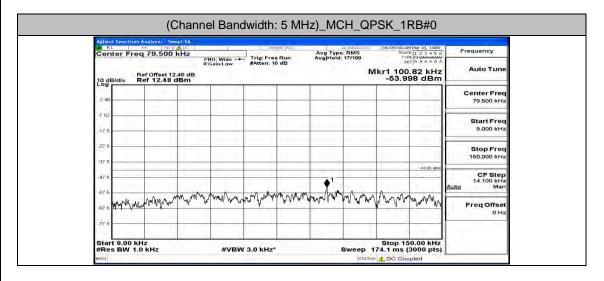


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<u>SHENZH</u>	EN LCS CO	MPLIANCE T	ESTING L	ABORATO	RY LTD.	FCC ID: 2AX
	Agilent Spec	trum Analyzer - Swept SA				
	LW RL	RF 50 Q ALDC		SENSE:INT	ALIGNAUTO	06:04:37 AM Mar 18, 1988
	Center	Freq 15.075000 M	Hz PNO: Fast	Trig: Free Run #Atten: 10 dB	Avg Type: RMS Avg Hold: 12/100	TRACE 1 2 3 4 5 6 TYPE MWAAWAAAAA DET A A A A A
	10 dB/div	Ref Offset 12.48 dB Ref 12.48 dBm			M	kr1 10.790 MHz -50.528 dBm
	2.48					

X4Y-S59PRO Report No.: LCS210305004AEG

	528 dBm		1		1	dBill	Ref 12.48	10 dB/div
Center Free 15.075000 MH	-						-	2.48
Start Fre 150.000 kH								-7 52
Stop Free 30.000000 MH	-33.00 dBm							-27.6
CF Step 2.985000 MH: Auto Mar					*'			-47.5
Freq Offse 0 H;	-							-67.6
	30.00 MHz	Stop	and the second state of the second		la sala	own lass that we do		Start 150
	30.00 MHz s (3000 pts) Coupled	Stop : 368.5 ms	Sweep	0 kHz*	#VBW 3	wept SA	kHz 10 kHz um Analyzer St	Start 150 #Res BW
Frequency	30.00 MHz s (3000 pts) Coupled	Stop 368.5 ms 368.5 ms US DC Cc 100:04:43 170 170 170 170 170	Sweep		#VBW 3	wept SA 22 AL 50000000	KHz 10 KHz WM Analyzer Str 95 Str reg 13.015	Start 150 #Res BW MSG Applent Spectr
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30.00 MHz s (3000 pts) Coupled	Stop 368.5 ms 368.5 ms US DC Cc 100:04:43 170 170 170 170 170	Sweep	D KHZ*	#VBW 3	wept SA 9 ac 5000000 ( 10 3.05 dB	KHZ 10 KHZ	Start 150 #Res BW MSG Applent Spectr
Auto Tuni Center Fred	30.00 MHz s (3000 pts) Coupled	Stop 368.5 ms 368.5 ms US DC Cc 100:04:43 170 170 170 170 170	Sweep	D KHZ*	#VBW 3	wept SA 9 ac 5000000 ( 10 3.05 dB	kHz 10 kHz ≫ 50 req 13.015 Ref 0ffset8	Start 150 #Res BW Asia Adlient Spectr RL Center F
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30.00 MHz s (3000 pts) Coupled	Stop 368.5 ms 368.5 ms US DC Cc 100:04:43 170 170 170 170 170	Sweep	D KHZ*	#VBW 3	wept SA 9 ac 5000000 ( 10 3.05 dB	kHz 10 kHz 95 50 req 13.015 Ref Offset 8 Ref 30.00	Start 150 #Res BW Asia Adlient Spectr RL Center F
Auto Tune Center Free 13.015000000 GH; Start Free	30.00 MHz s (3000 pts) Coupled	Stop 368.5 ms 368.5 ms US DC Cc 100:04:43 170 170 170 170 170	Sweep	D KHZ*	#VBW 3	wept SA 9 ac 5000000 ( 10 3.05 dB	kHz 10 kHz 95 50 req 13.015 Ref Offset 8 Ref 30.00	Start 1500 #Res BW #sc Applent Spectr R RL Center F
Auto Tune Center Free 13.015000000 GH Start Free 30.000000 MH Stop Free	30.00 MHz s (3000 pts) Soupled	Stop 368.5 ms 368.5 ms US DC Cc 100:04:43 170 170 170 170 170	Sweep	D KHZ*	#VBW 3	wept SA 9 ac 5000000 ( 10 3.05 dB	kHz 10 kHz 95 50 req 13.015 Ref Offset 8 Ref 30.00	Start 150 #Res BW #ea Atlient Spect Center F 10 dB/div 200 000



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