SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID:055003020 Report No.: LCS200730059AEE

# Appendix B: Test Data for E-UTRA Band 2

# Product Name: 4G Mi-Fi Trade Mark: LOGIC, iSWAG, UNONU Test Model: ML10

**Environmental Conditions** 

Temperature:	23.1° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	DIAMOND.LU
Supervised by:	LI HUAN

### **B.1 Conducted Output Power**

	Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)								
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
wouldtion	Channel	Size	Offset	QPSK	16QAM	verdict			
		1	0	22.46	21.44	PASS			
		1	3	22.70	21.54	PASS			
		1	5	22.58	21.58	PASS			
	LCH	3	0	22.71	21.74	PASS			
		3	2	22.84	21.76	PASS			
		3	3	22.69	21.88	PASS			
		6	0	21.54	20.56	PASS			
		1	0	22.79	21.42	PASS			
		1	3	22.89	21.68	PASS			
QPSK /		1	5	22.69	21.54	PASS			
16QAM	MCH	3	0	22.78	21.94	PASS			
IOQAIN		3	2	22.89	21.99	PASS			
		3	3	22.77	21.78	PASS			
		6	0	21.63	20.61	PASS			
		1	0	22.78	21.99	PASS			
		1	3	22.69	22.08	PASS			
		1	5	22.65	21.65	PASS			
	НСН	3	0	22.89	21.97	PASS			
		3	2	22.74	21.90	PASS			
		3	3	22.71	21.90	PASS			
		6	0	21.80	20.94	PASS			

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	Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)							
Madulation		RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiat		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	22.60	22.01	PASS		
		1	7	22.87	22.06	PASS		
		1	14	22.71	21.86	PASS		
	LCH	8	0	21.76	20.79	PASS		
		8	4	21.74	20.84	PASS		
		8	7	21.57	20.81	PASS		
		15	0	21.67	20.74	PASS		
		1	0	22.77	22.20	PASS		
	МСН	1	7	22.89	22.21	PASS		
QPSK /		1	14	22.71	21.96	PASS		
16QAM		8	0	21.83	20.93	PASS		
TOQAIN		8	4	21.87	20.78	PASS		
		8	7	21.81	20.74	PASS		
		15	0	21.79	20.93	PASS		
		1	0	22.80	21.60	PASS		
		1	7	23.04	21.81	PASS		
		1	14	22.27	21.14	PASS		
	НСН	8	0	21.83	20.90	PASS		
		8	4	21.75	20.71	PASS		
		8	7	21.69	20.62	PASS		
		15	0	21.82	20.96	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Modulation	Channel	RB Con Size	figuration Offset	Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict			
		1	0	22.85	21.44	PASS			
		1	12	23.09	21.61	PASS			
		1	24	22.82	21.35	PASS			
	LCH	12	0	21.80	20.87	PASS			
		12	6	21.72	20.87	PASS			
		12	13	21.71	20.77	PASS			
		25	0	21.76	20.86	PASS			
		1	0	22.76	21.70	PASS			
	MCH	1	12	23.08	21.57	PASS			
		1	24	22.87	21.48	PASS			
QPSK / 16QAM		12	0	21.86	21.07	PASS			
IOQAIVI		12	6	21.89	21.09	PASS			
		12	13	21.80	21.03	PASS			
		25	0	21.84	21.10	PASS			
		1	0	22.72	21.55	PASS			
		1	12	23.10	21.83	PASS			
		1	24	21.69	21.07	PASS			
	НСН	12	0	21.92	20.99	PASS			
		12	6	21.91	20.99	PASS			
		12	13	21.90	20.75	PASS			
		25	0	21.87	21.00	PASS			

		Conducted	Output Pow	ver Test Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict
	onamo	Size	Offset	QPSK	16QAM	Voraiot
		1	0	22.91	22.52	PASS
		1	24	23.11	22.71	PASS
		1	49	22.50	21.86	PASS
	LCH	25	0	21.86	20.90	PASS
		25	12	21.89	21.10	PASS
		25	25	21.92	20.99	PASS
		50	0	21.80	20.93	PASS
		1	0	22.01	21.49	PASS
		1	24	23.73	23.22	PASS
QPSK /		1	49	22.70	22.11	PASS
16QAM	MCH	25	0	21.91	21.03	PASS
TOQAIN		25	12	22.03	21.16	PASS
		25	25	21.93	20.87	PASS
		50	0	21.89	20.99	PASS
		1	0	20.64	19.96	PASS
		1	24	22.75	22.06	PASS
		1	49	21.46	20.72	PASS
	HCH	25	0	21.56	20.64	PASS
		25	12	22.54	21.63	PASS
		25	25	21.91	20.92	PASS
		50	0	21.83	20.89	PASS

		Conducted	Output Pow	ver Test Result (Channel Band	dwidth: 15 MHz)	
Modulation Channel		RB Configuration		Average Power [dBm]	Average Power [dBm]	Vardiat
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	23.03	22.62	PASS
		1	37	23.37	22.67	PASS
		1	74	21.72	21.15	PASS
	LCH	37	0	22.11	21.04	PASS
		37	18	22.13	21.12	PASS
		37	38	22.18	21.18	PASS
		75	0	22.14	21.26	PASS
	MCH	1	0	21.56	20.94	PASS
		1	37	23.64	23.01	PASS
QPSK /		1	74	22.93	22.53	PASS
16QAM		37	0	21.97	21.05	PASS
TOQAM		37	18	22.08	21.14	PASS
		37	38	21.96	20.94	PASS
		75	0	21.97	21.19	PASS
		1	0	21.53	20.83	PASS
		1	37	22.00	21.38	PASS
		1	74	22.00	21.32	PASS
	HCH	37	0	21.36	20.41	PASS
		37	18	21.92	21.02	PASS
		37	38	21.96	21.24	PASS
		75	0	21.78	20.91	PASS

	Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)								
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
Woddiation	Ondriner	Size	Offset	QPSK	16QAM	Verdict			
		1	0	22.78	21.74	PASS			
		1	49	23.34	22.00	PASS			
		1	99	21.41	20.62	PASS			
	LCH	50	0	22.12	21.18	PASS			
		50	25	22.14	21.31	PASS			
		50	50	21.98	21.14	PASS			
		100	0	21.97	21.08	PASS			
	МСН	1	0	21.36	20.76	PASS			
		1	49	23.79	22.63	PASS			
QPSK /		1	99	22.71	21.46	PASS			
16QAM		50	0	22.09	21.15	PASS			
TOQAIN		50	25	22.21	21.33	PASS			
		50	50	22.06	21.21	PASS			
		100	0	22.04	21.16	PASS			
		1	0	22.30	21.64	PASS			
		1	49	21.25	20.61	PASS			
		1	99	21.21	20.60	PASS			
	HCH	50	0	21.62	20.70	PASS			
		50	25	21.47	20.54	PASS			
		50	50	21.87	21.00	PASS			
		100	0	21.69	20.80	PASS			

### **B.2 Peak-to-Average Ratio**

	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldtion	Channel	[dB]	[dB]	Verdict				
	LCH	5.01	<13	PASS				
QPSK	MCH	5.2	<13	PASS				
	НСН	4.98	<13	PASS				
	LCH	5.76	<13	PASS				
16QAM	MCH	6.04	<13	PASS				
	НСН	5.78	<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	5.11	<13	PASS				
QPSK	MCH	5.25	<13	PASS				
	НСН	5.15	<13	PASS				
	LCH	5.91	<13	PASS				
16QAM	MCH	6	<13	PASS				
	НСН	5.99	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	Verdict				
	LCH	5.1	<13	PASS				
QPSK	MCH	5.23	<13	PASS				
	НСН	5.05	<13	PASS				
	LCH	5.82	<13	PASS				
16QAM	MCH	6.04	<13	PASS				
	НСН	7.76	<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	5.11	<13	PASS				
QPSK	MCH	5.19	<13	PASS				
	НСН	5.07	<13	PASS				
	LCH	5.89	<13	PASS				
16QAM	MCH	5.96	<13	PASS				
	НСН	5.94	<13	PASS				

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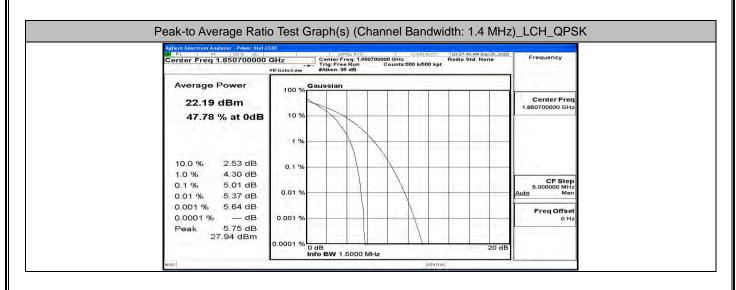
Report No.: LCS200730059AEE

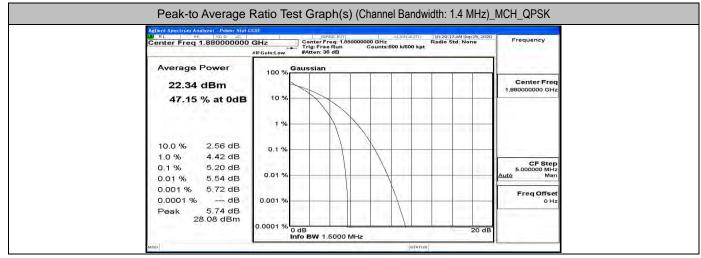
	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	Verdict				
	LCH	4.9	<13	PASS				
QPSK	MCH	4.88	<13	PASS				
	НСН	5.39	<13	PASS				
	LCH	6.14	<13	PASS				
16QAM	MCH	6.16	<13	PASS				
	НСН	6.56	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)									
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict						
		[dB]	[dB]							
	LCH	5.68	<13	PASS						
QPSK	MCH	5.86	<13	PASS						
	HCH	5.64	<13	PASS						
	LCH	6.73	<13	PASS						
16QAM	MCH	6.67	<13	PASS						
	НСН	6.55	<13	PASS						

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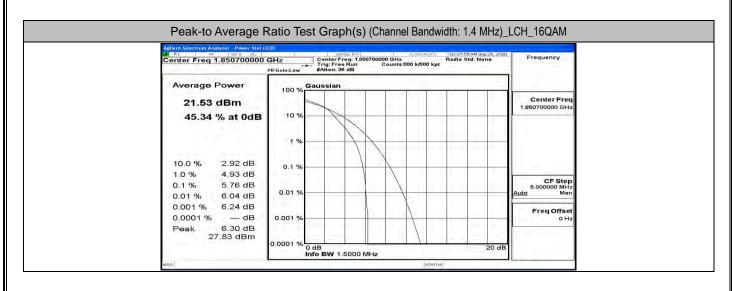


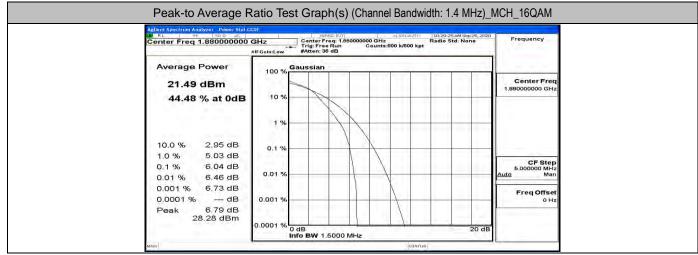


RE RE SDQ AL	SENSE INT ALIGNAUTO	10:39:21 AM Sup 25, 2020	
Center Freq 1.90930000		Radio Std: None	Frequency
Average Power	Causelan		
22.54 dBm	100 %		Center Freq 1,909300000 GHz
<b>47.13 % at 0dE</b> 10.0 % 2.58 dB	1%		
1.0 % 4.33 dB 0.1 % 4.98 dB 0.01 % 5.29 dB 0.001 % 5.58 dB	0.01 %		CF Step 5.000000 MHz Auto Man
0.0001 % dB Peak 5.65 dB	0.001 %		Freq Offset 0 Hz

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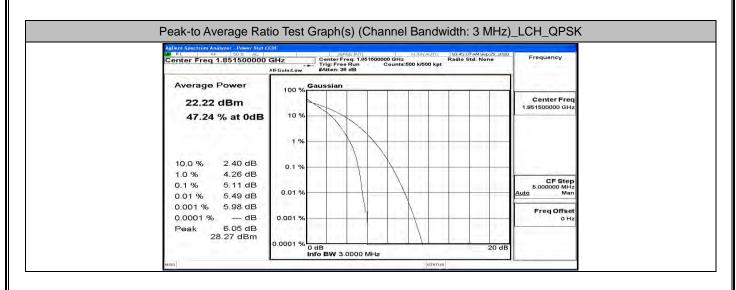


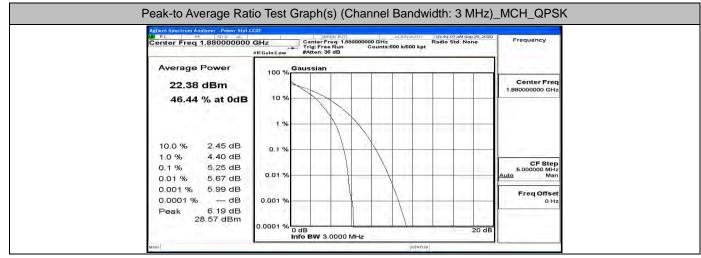


Agilent Spectrum Analyzer - Power Stat G		SENSE:INT	ALIG	TAUTO 10:39:3	0 AM Sep 25, 2020	-
Center Freq 1.909300000	Tr	inter Freq: 1.9093 ig: Free Run	Counts:500 k	Soo kpt	itd: None	Frequency
Constant Change	#IFGain:Low #A	tten: 36 dB				
Average Power	100 % Gaus	sian		-	_	
21.67 dBm						Center Freq 1.909300000 GHz
44.89 % at 0dB	10 %	A				
	1 %					
1.			V			
10.0 % 2.96 dB	0.1 %					
1.0 % 4.95 dB 0.1 % 5.78 dB			$\langle \rangle$			CF Step
0.1 % 5.78 dB 0.01 % 6.04 dB	0.01 %					5.000000 MHz Auto Man
0.001 % 6.19 dB	Distance in the					
0.0001 % dB	0.001 %					Freq Offset 0 Hz
Peak 6.23 dB	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
27.90 dBm	0.0001 % 0 dB	· · · · · · · · · · · · · · · · · · ·				

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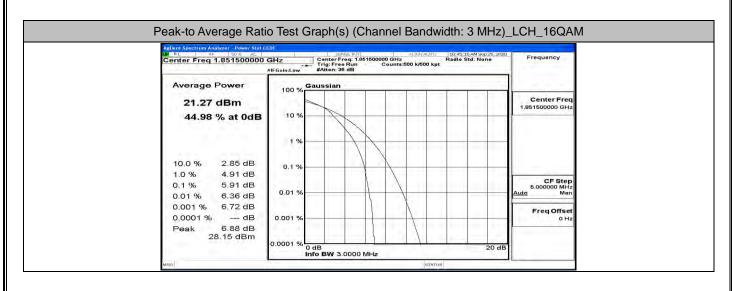


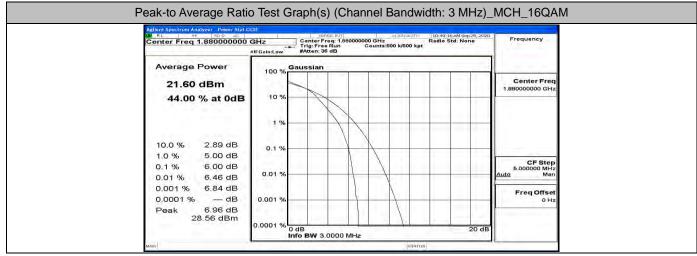


N RL RF SOQ AC	GGDT SENSE INT	ALIGNAUTO 10:54:56 AM	M Sep 25, 2020	
Center Freq 1.908500000	GHz Center Freg: 1.908500000	GHz Radio Std: unts:500 k/500 kpt	None	Frequency
Average Power	100 % Gaussian			
22.20 dBm				Center Freq 1,908500000 GHz
46.61 % at 0dB	10 %			
	1 %			
10.0 % 2.44 dB 1.0 % 4.33 dB	0.1 %		_	
0.1 % 5.15 dB 0.01 % 5.56 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.001 % 6.01 dB 0.0001 % dB	0.001 %			Freq Offset 0 Hz
Peak 6.03 dB 28.23 dBm				
	0.0001 % 0 dB		20 dB	

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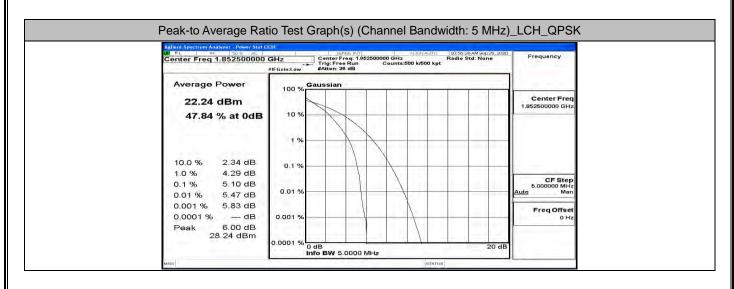


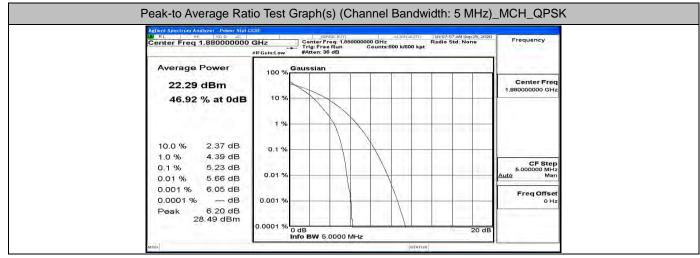


LW RL RF TO Q AC	COF SENSE:INT ALIGNAUTO	10:55:04 AM Sep 25, 2020	
Center Freq 1.908500000	GHz Center Freq: 1.908500000 GHz Trig: Free Run Counts:500 k/500 kpt	Radio Std: None	Frequency
the second second	#IFGain:Low #Atten: 36 dB		
Average Power	100 % Gaussian	1 1 1	
21.35 dBm			Center Freq 1,908500000 GHz
44.41 % at 0dB	10 %		1.5000000000
1			
	1%		
and a loss to be			
10.0 % 2.90 dB	0.1 %		
1.0 % 4.98 dB			CF Step
0.1 % 5.99 dB 0.01 % 6.42 dB	0.01 %		5.000000 MHz Auto Man
0.001 % 6.74 dB			
0.0001 % — dB	0.001 %		Freq Offset 0 Hz
Peak 6.82 dB			
28.17 dBm	0.0001 % 0 dB		
and the second se	0 dB Info BW 3.0000 MHz	20 dB	

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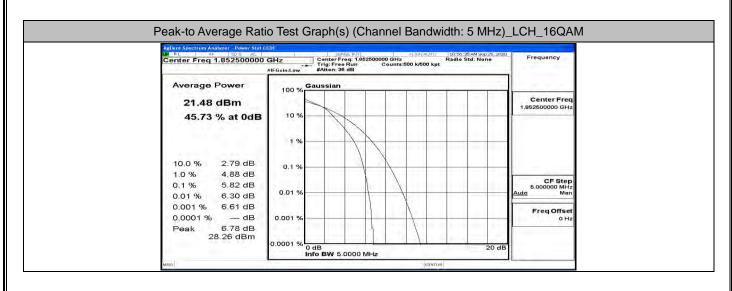


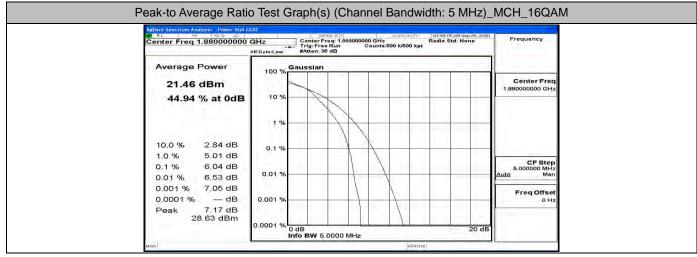


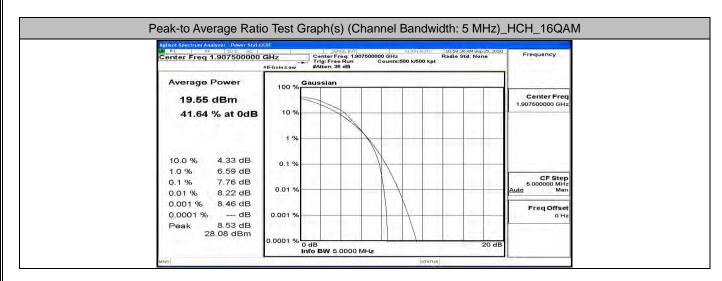
Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz     Radio Std: None       Average Power     22.25 dBm     100 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       47.41 % at 0dB     10 %     0.01 %     0.1 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       10.0 %     2.37 dB     0.1 %     0.1 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       10.0 %     2.37 dB     0.1 %     0.1 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       10.0 %     2.37 dB     0.1 %     0.1 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       1.0 %     5.05 dB     0.01 %     0.01 %     0.01 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       0.001 %     5.70 dB     0.001 %     0.001 %     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz     Center Freq 1.907500000 GHz       0.001 %     0.001 %     0.001 %     0.001 %     Center Freq 1.90750000 GHz     Center Freq 1.90750000 GHz	Agilent Spectrum Analyzer - Power Stat G	CCDF SERVSE:IN	ALIGNAUTO	10:59:27 AM Sep 25, 2020	
22.25 dBm     100 %       47.41 % at 0dB     10 %       10.0 %     2.37 dB     0.1 %       10.0 %     4.31 dB     0.1 %       0.01 %     5.06 dB     0.01 %       0.01 %     5.70 dB     0.01 %       0.001 %     5.70 dB     0.001 %       Peak     5.91 dB     0.001 %	Center Freq 1.907500000	GHz Center Freq: 1 Trig: Free Run	907500000 GHz	Radio Std: None	Frequency
22.25 dBm     Center Freq       47.41 % at 0dB     10 %       10 %     1 %       10 %     1 %       10 %     1 %       10 %     1 %       10 %     1 %       10 %     1 %       10 %     1 %       10 %     1 %       10 %     0.1 %       0.1 %     5.05 dB       0.01 %     5.06 dB       0.01 %     0.01 %       0.001 %     5.70 dB       0.001 %     0.001 %       Peak     5.91 dB	Average Power	100 % Gaussian			
10.0 % 2.37 dB   1.0 % 4.31 dB   0.1 % 5.05 dB   0.01 % 5.46 dB   0.001 % 5.70 dB   0.0001 % - dB   0.001 % - dB   0.001 % - dB					
10.0 %     2.37 dB     0.1 %       1.0 %     4.31 dB     0.1 %       0.1 %     5.05 dB     0.01 %       0.01 %     5.46 dB     0.01 %       0.001 %     5.70 dB     0.001 %       0.0001 %     - dB     0.001 %       Peak     5.91 dB     0.001 %	47.41 % at 0dB	10 %			
1.0 %     4.31 dB     0.1 %     5.05 dB     0.01 %       0.1 %     5.05 dB     0.01 %     6.000 MHz     6.0000 MHz       0.01 %     5.46 dB     0.01 %     6.0000 MHz     Man       0.001 %     5.70 dB     0.001 %     7.70 MHz     Freq Offset       0.0001 %     - dB     0.001 %     7.10 MHz     1.10 MHz		1 %	$\mathbf{N}$		
0.1 % 5.05 dB 0.01 % 0.01 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.0001 % 0.0001 % 0.0001 % 0.0001 % 0.0001 % 0.0001 % 0.0001 % 0.00000 % 0.0000 % 0.0000 % 0.0000 % 0.0000 % 0.00000 % 0.00000 % 0.0000 % 0.0000 % 0.0000 % 0.0000 %	10.0 % 2.37 dB	0.1 %			
0.01 % 5.46 dB 0.01 % Auto Man 0.001 % 5.70 dB 0.0001 % dB 0.001 % OHz Peak 5.91 dB					CF Step
0.0001 % dB 0.001 % 0Hz		0.01 %			
Peak 5.91 dB		0.001 %			
		0.001			0 112

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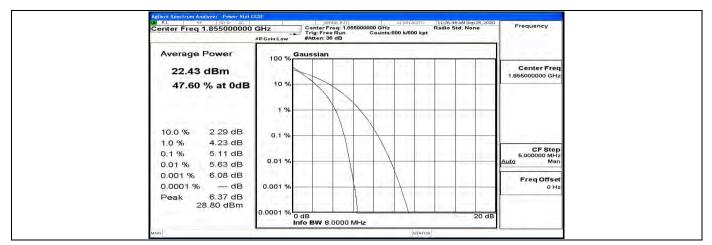




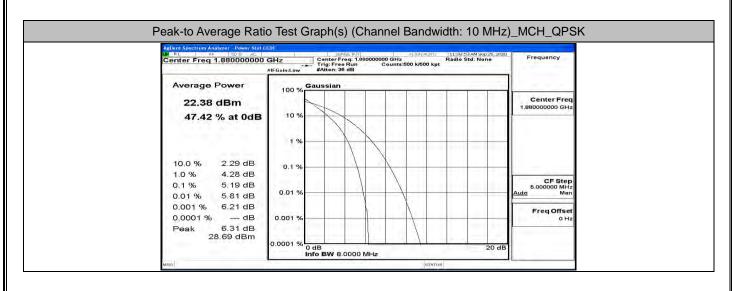


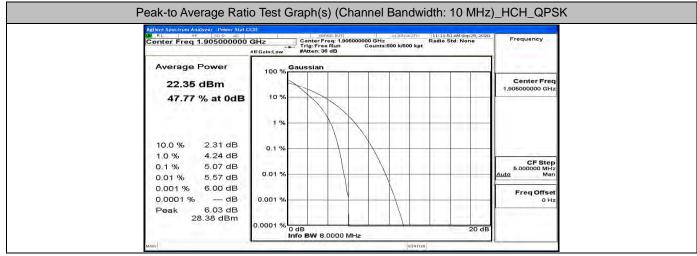
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK

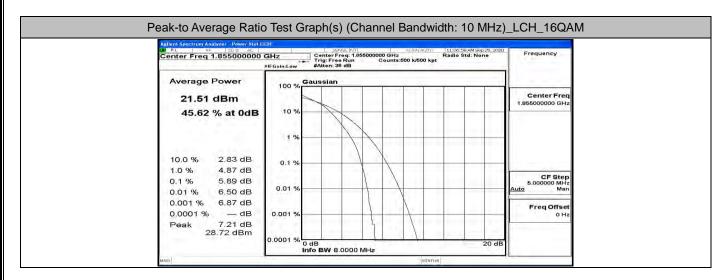
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Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM

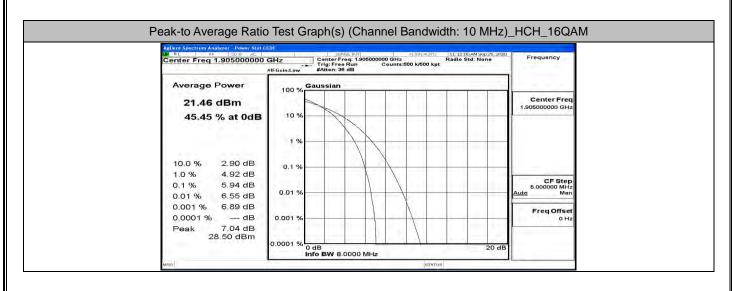
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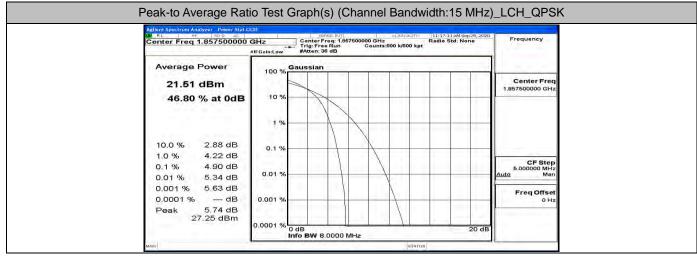
Report No.: LCS200730059AEE

Center Freq 1.880000000	IFGain:Low #Atten: 36 dB	
Average Power	100 % Gaussian	
21.49 dBm 45.25 % at 0dB	10 %	Center Freq 1.880000000 GHz
10.0 % 2.86 dB 1.0 % 4.96 dB 0.1 % 5.96 dB 0.01 % 6.60 dB 0.001 % 6.96 dB 0.0001 % dB Peak 7.18 dB 28.67 dBm	1 % 0.1 % 0.01 % 0.001 % 0.001 % 0.0001 % 0 dB 20 dB	CF Step 5.000000 MHz <u>Auto</u> Man Freq Offset 0 Hz

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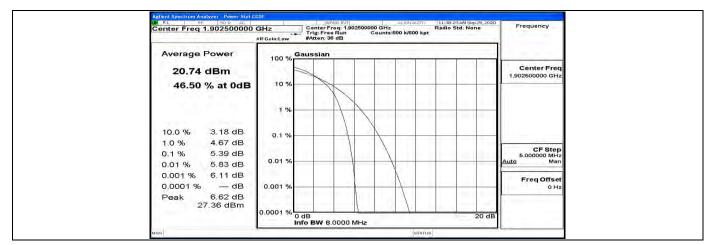




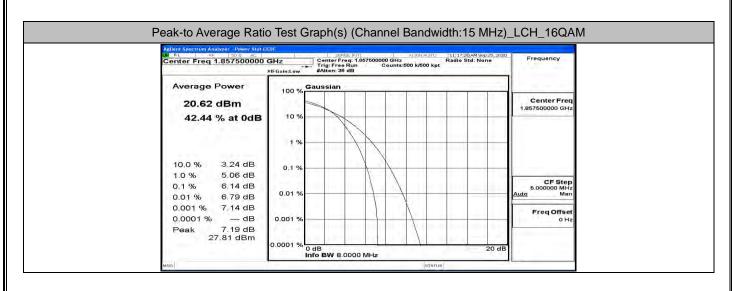
LW RL RF SDQ AC	eep r	SENSE:INT	ALISNAUTO 11:2	0:41 AM Sep 25, 2020	
Center Freq 1.88000000	Trig: F	r Freq: 1.880000000 GH ree Run Count : 36 dB	8:500 k/500 kpt	o Std: None	Frequency
Average Power	Causel	n			
21.48 dBm	100 %				Center Freq 1.880000000 GHz
47.23 % at 0dB	1 %				
	1.4				
10.0 % 2.87 dB 1.0 % 4.20 dB	0.1 %				
0.1 % 4.88 dB 0.01 % 5.27 dB	0.01 %			1-111	CF Step 5.000000 MHz Auto Man
0.001 % 5.59 dB 0.0001 % dB	0.001 %		A		Freq Offset 0 Hz
Peak 5.68 dB 27.16 dBm	A STATE OF THE OWNER OF				

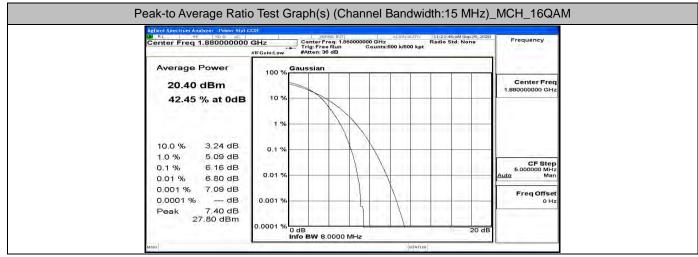
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK

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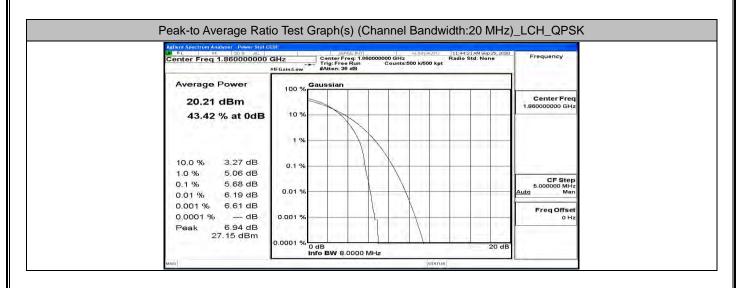


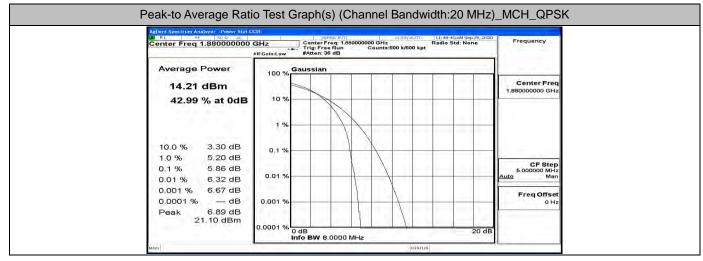


Center Freq 1.90250000	GHz Center Freq: 1.9			Frequency
the second se	#IFGain:Low #Atten: 36 dB	Counts:500 k/500 kpt	o Std: None	A Commenter
Average Power	100 % Gaussian			
19.87 dBm				Center Freq 1.902500000 GHz
42.06 % at 0dB	10 %			Landaux Contractor
1.	1 %			
10.0 % 3.49 dB	0.1 %			
1.0 % 5.43 dB 0.1 % 6.56 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.01 % 7.29 dB 0.001 % 7.61 dB				Freq Offset
0.0001 % dB Peak 7.80 dB	0.001 %			0 Hz

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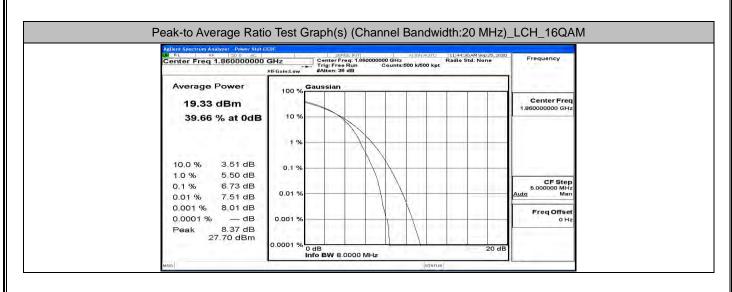


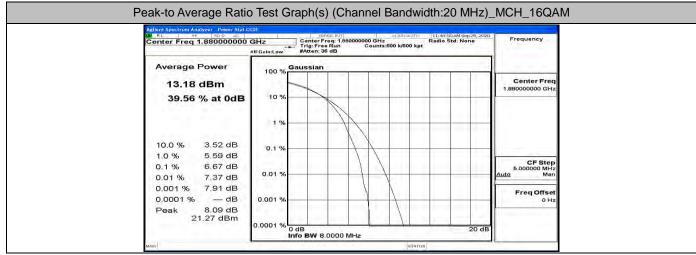


Agilent Spectrum Analyzer Power Stat	and - sense	ALIGNAUTO	11:50:32 AM Sep 25, 2020	
Center Freq 1.90000000		1.900000000 GHz n Counts:500 k/500 kp	Radio Std: None	Frequency
Average Power	100 % Gaussian			
16.01 dBm				Center Freq 1.900000000 GHz
43.76 % at 0dB	10 %			
and have been	1 %			
10.0 % 3.24 dB 1.0 % 5.02 dB	0.1 %		_	
0.1 % 5.64 dB 0.01 % 6.11 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.001 % 6.46 dB 0.0001 % dB	0.001 %			Freq Offset 0 Hz
Peak 6.57 dB				
22.00 0.011	0.0001 % 0 dB		20 dB	

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Addent Spectrum Analyzer - Power Stat ( RL RF 200 AC Center Freq 1.900000000	GHz Center Freq:	1,900000000 GHz	Radio Std: None	Frequency
	#IFGain:Low #Atten: 36 dB	n Gounts:500 k/500 kj	pr	
Average Power	100 % Gaussian			
15.06 dBm				Center Freq 1,900000000 GHz
39.94 % at 0dB	10 %			
1.1.1.1.1.1.1	1 %			
10.0 % 3.50 dB	0.1 %			
1.0 % 5.41 dB	9.1 78			CF Step
0.1 % 6.55 dB 0.01 % 7.27 dB	0.01 %			5.000000 MHz Auto Man
0.001 % 7.67 dB				Freq Offset
0.0001 % dB	0.001 %			0 Hz
Peak 8.00 dB				

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## B.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)									
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict						
MODULATION	Channer	(MHz)	(MHz)	Verdict						
	LCH	1.0744	1.220	PASS						
QPSK	MCH	1.0761	1.222	PASS						
	НСН	1.0775	1.221	PASS						
	LCH	1.0771	1.225	PASS						
16QAM	MCH	1.0771	1.235	PASS						
	НСН	1.0758	1.219	PASS						

	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Ghanne	(MHz)	(MHz)	Verdict
	LCH	2.6748	2.822	PASS
QPSK	MCH	2.6817	2.837	PASS
	НСН	2.6803	2.833	PASS
	LCH	2.6836	2.829	PASS
16QAM	MCH	2.6856	2.822	PASS
	НСН	2.6772	2.810	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODUIATION	Channel	(MHz)	(MHz)	Verdict
	LCH	4.4766	4.843	PASS
QPSK	MCH	4.4706	4.818	PASS
	НСН	4.4777	4.893	PASS
	LCH	4.4787	4.809	PASS
16QAM	MCH	4.4769	4.778	PASS
	НСН	4.4729	4.805	PASS

	EBW & OBW Te	est Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	verdict
	LCH	8.9622	9.573	PASS
QPSK	MCH	8.9441	9.496	PASS
	HCH	8.9311	9.479	PASS
	LCH	8.9567	9.535	PASS
16QAM	MCH	8.9496	9.503	PASS
	HCH	8.9269	9.516	PASS

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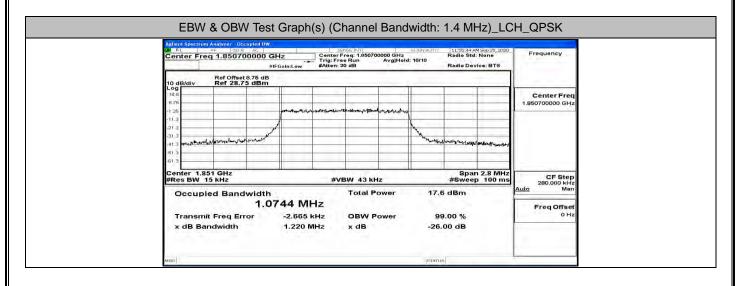
Report No.: LCS200730059AEE

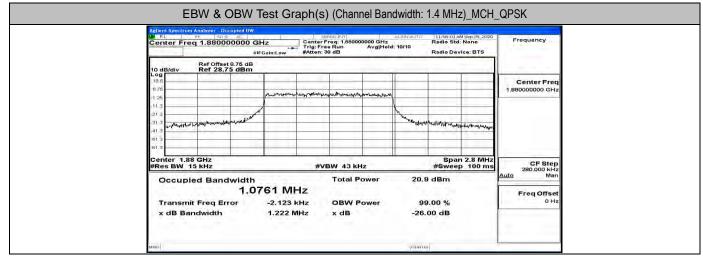
	EBW & OBW Te	est Result (Channel Band	lwidth: 15 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Channel	(MHz)	(MHz)	Verdict
	LCH	13.434	14.03	PASS
QPSK	MCH	13.425	14.16	PASS
	HCH	13.360	13.98	PASS
	LCH	13.418	14.19	PASS
16QAM	MCH	13.406	14.05	PASS
	HCH	13.358	14.11	PASS

	EBW & OBW Te	est Result (Channel Band	dwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	17.877	18.58	PASS
QPSK	MCH	17.869	18.69	PASS
	НСН	17.786	18.59	PASS
	LCH	17.877	18.65	PASS
16QAM	MCH	17.866	18.60	PASS
	НСН	17.776	18.54	PASS

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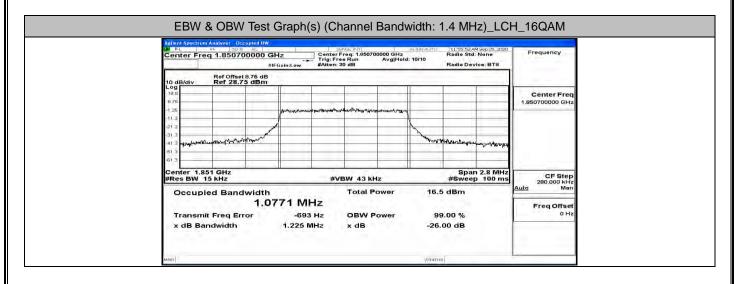


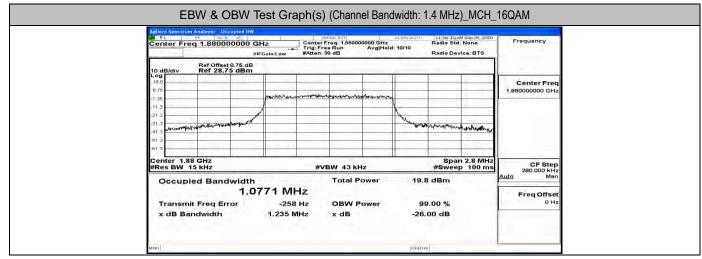


Agilent Spectrum Analyzer - Occupied BW		SE	NSEINT		ALIGNAUTO	11:56:19 A	M Sup 25, 2020	
Center Freq 1.909300000 G #		Center F Trig: Fre #Atten: 3		0000 GHz Avg Hold	: 10/10	Radio Std		Frequency
10 dB/div Ref Offset 8.75 dB Ref 28.75 dBm					a.			
18.8 8.75								Center Freq 1,909300000 GHz
-1.25	an publich	Lawhater Provide	where we are a second	a manufacture			-	1.303300000 GH2
21.3					Ny.	1000		
-31.3 WANNALM MATCHANAN AND AND						uniter contraction of the second s	www.	
-61.3						1		
Center 1.909 GHz #Res BW 15 kHz		#VE	3W 43 KH	Iz	<u></u>	Spar #Sweej	n 2.8 MHz p 100 ms	CF Step 280.000 kHz
Occupied Bandwidth			Total P	ower	23.	2 dBm		<u>Auto</u> Man
1.0 Transmit Freg Error	775 M		OBW P					Freq Offset
x dB Bandwidth	1.221		x dB	ower		9.00 % .00 dB		

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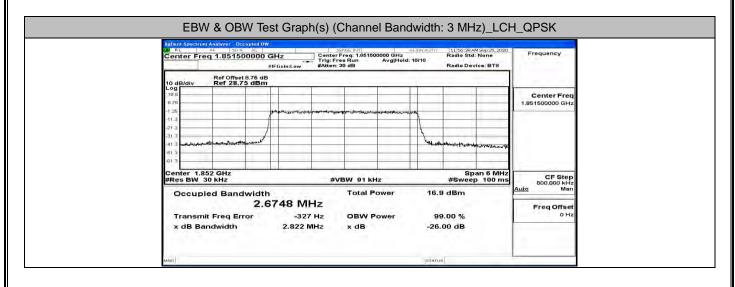


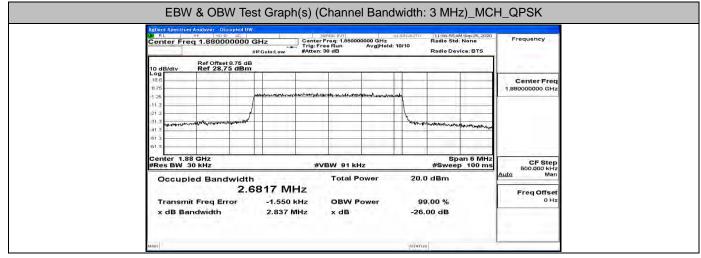


UN RL	eupled BW		SE	NSE:INT		ALIGNAUTO	11:56:28 A	M Sep 25, 2020	
Center Freq 1.9093	a sa		Center F Trig: Fre #Atten: 3	req: 1.90930 e Run 0 dB	0000 GHz Avg Hold	: 10/10	Radio Std		Frequency
10 dB/div Ref Offse Ref 28.7	18.75 dB 75 dBm								
18.8 8.75		NET-MARINA IGHILON		. Abr					Center Freq 1.909300000 GHz
-1.25	1 .	Mar Marian	and a free that	and a second second second	1. Jan Brown and Band				
-21.3	- And					Nr.			
-41 3	www.		_		_	, ter A. Martin	dhimesyoney-a	Warterhandraw	
<sup>-61.3</sup> Center 1.909 GHz #Res BW 15 kHz			#VE	3W 43 KH	z			1 2.8 MHz	CF Step
Occupied Band	width			Total P		22.	2 dBm		280.000 kHz Auto Man
1000 CONSTA	1.07	58 MH	z						Freq Offset
Transmit Freq Er x dB Bandwidth	тог	-48 H 1.219 MH		OBW P x dB	ower		9.00 % 00 dB		0 Hz

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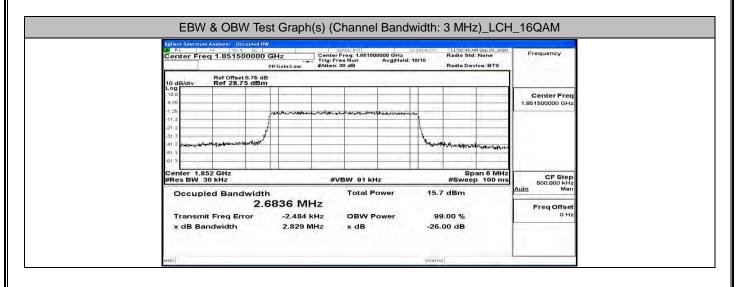


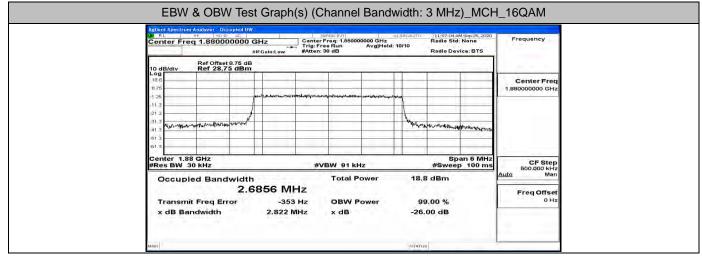


M     File     State (M)     All (STAID)     All (STAID)<									
	#IFGain:Low	#Atten:	30 dB		6.45	Radio Dev	ice: BTS		
Ref Offset 8.75 d 10 dB/div Ref 28.75 dBr Log	iB m				-				
18.8								Center Freq 1,908500000 GHz	
-125	faretrur to shake to	and the second	14 60 - 19 10 - 19 - 19 - 19 - 19 - 19 - 19	ntrinan produced in the second	1	-			
213	/				1				
-313					Unit	new many many many	Mary Mary Maryan		
-61.3	-		-				-		
Center 1.909 GHz #Res BW 30 kHz		#\	/BW 91 kH	z			an 6 MHz 5 100 ms	CF Step 500,000 kHz	
Occupied Bandwidt	th		Total Po	ower	22.	4 dBm		Auto Man	
2.	.6803 M	Hz						Freq Offset	
Transmit Freq Error x dB Bandwidth	-2.418 2.833		OBW Po	ower		9.00 % .00 dB		0 Hz	

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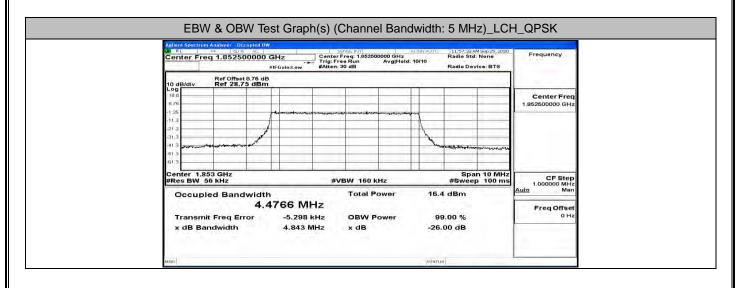


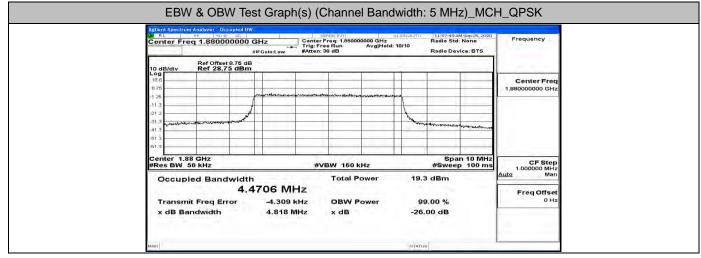


RL     we have accessing and the state light of the s										
Ref Offset 8.75 dB 10 dB/div Ref 28.75 dBm										
Log 188 875							Center Freq 1.908500000 GHz			
-1.25	reportemented	With an art of the other of the	rrinadistricture	~						
213 313 413 ang willing A. Jaka Hilling ang bi				1 will	Helberschatter	Worksonwaldely				
61.3 Center 1.909 GHz #Res BW 30 kHz		#VBW 9	1 KHZ		Spa #Sweep	n 6 MHz 100 ms	CF Step 500.000 kHz			
Occupied Bandwidt			al Power	21.	6 dBm		Auto Man			
Z. Transmit Freq Error x dB Bandwidth	-2.844 ki 2.810 Mi	Hz OBV	V Power 3		9.00 % .00 dB		Freq Offset 0 Hz			

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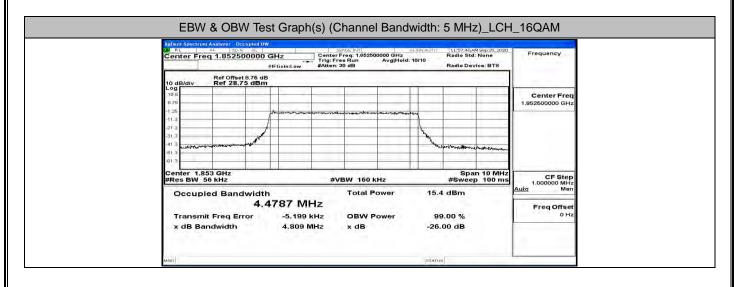


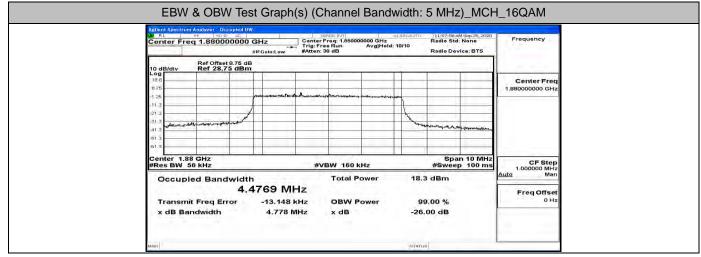


M     RL     PF     SD 9     AL     SENSE: INIT     ALLISVAUTO     11:58:07 AM Sep 25, 2020       Center Freq     1.907500000 GHz     Center Freq: 1.907500000 GHz     Radio Std: None									
Center Fred 1.907500000	Trig: Free Run Avg Hold: 10/10 #IFGain:Low #Atten: 30 dB Radio Device: BTS								
Ref Offset 8.75 dl	B						Center Freq		
Log				1					
8.75	warnah te Manak an	the state and the state of the state	An marked				1.907500000 GHz		
-1.25				1					
213	/			1					
313				Mah	Maniflanin	alutor brings			
61 3									
-61.3							1		
Center 1.908 GHz #Res BW 56 kHz		#VBW 160 kH	Iz	-		n 10 MHz 5 100 ms	CF Step 1.000000 MHz		
Occupied Bandwidt	h	Total Po	wer	21.	6 dBm		<u>Auto</u> Man		
4.	4777 MHz	2					Freq Offset		
Transmit Freq Error	-2.123 kH	Z OBW Po	wer	9	9.00 %		0 Hz		
x dB Bandwidth	4.893 MH	z xdB		-26	00 dB				

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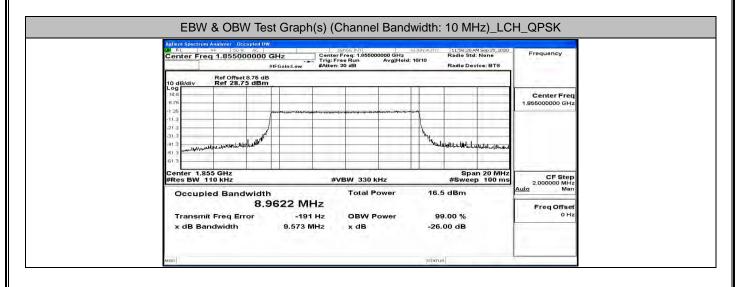


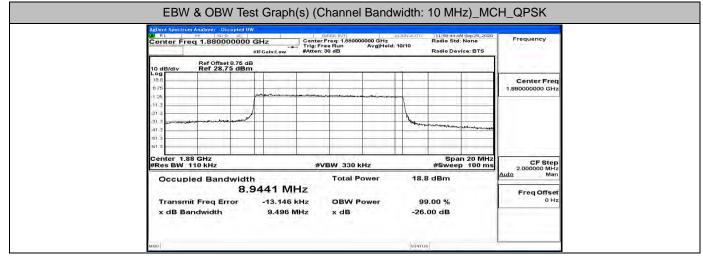


Adelorit Spectrum Analyzer     Occupied UW       Dif RL     #1     50.6     31.582.10.4M Sep 25, 3200       Center Freq     1.907500000 GHz     Center Freq: 1.907500000 GHz     Radio Std: None									
Contor Freq 1.50750000	#IFGain:Low		Run Avgli	lold: 10/10	Radio De				
10 dB/div Ref Offset 8.75 Ref 28.75 dE									
18.8 18.75			ware described in				Center Fred 1.907500000 GH:		
-1.25		and the free starts							
.213 .313	P			1 mg					
-41.3 -61.3						and and a second se			
Center 1.908 GHz #Res BW 56 kHz		#VB\	W 160 kHz		Spa #Swee	an 10 MHz p 100 ms	CF Step 1.000000 MHz		
Occupied Bandwic			Total Power	20	.8 dBm		Auto Man		
4 Transmit Freg Error	.4729 MH		OBW Power		99.00 %		Freq Offset		
x dB Bandwidth	4.805 M		x dB		6.00 dB				

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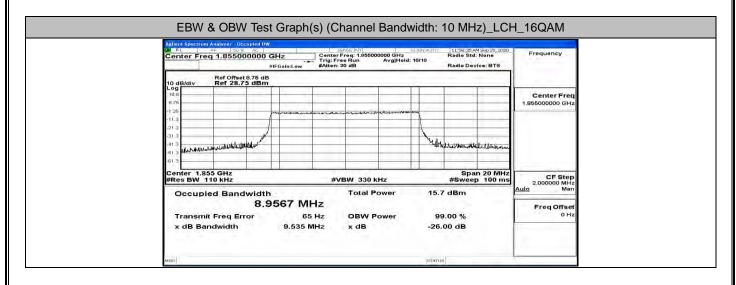


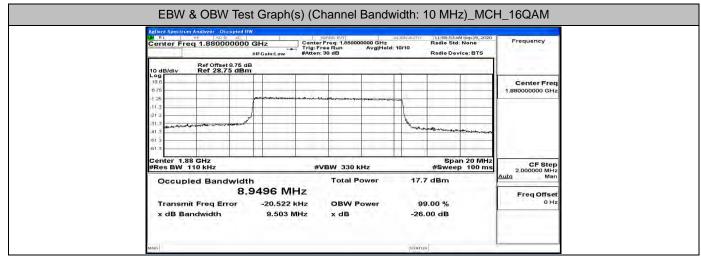


Mint     +     200 etc.     54/48.071									
Ref Offset 8.75									
Log 188 8.75					Center Freq 1.905000000 GHz				
-1.25 -11.3 -21.3 -31.3									
-313 -413 -613				and the second					
Center 1.905 GHz #Res BW 110 kHz	#	VBW 330 kHz		n 20 MHz p 100 ms	CF Step 2.000000 MHz				
Occupied Bandwid		Total Power	20.7 dBm	4	<u>Auto</u> Man				
8 Transmit Freq Error	.9311 MHz -21.811 kHz	OBW Power	99.00 %		Freq Offset 0 Hz				

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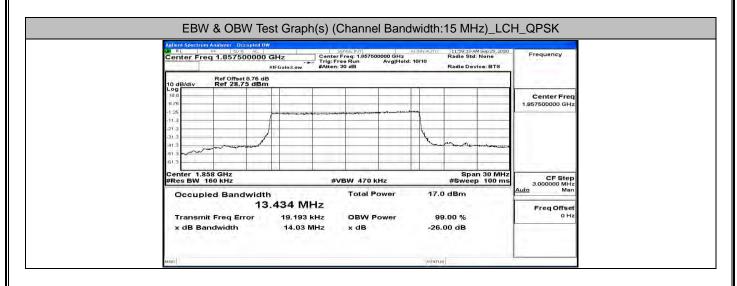


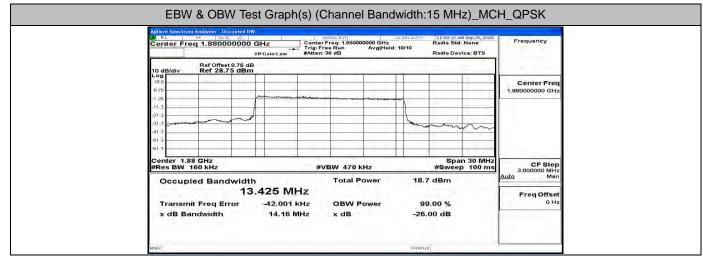


Aglient Spectrum Analyzer - Occupied DW A RL 99 50.9 ac SENSE:(N) ALIGN AUTO 11:59:10AM Sep 25, 2020							Frequency	
Center Freq 1.90500000	enter Freq 1.905000000 GHz #IFGainLow #Atten: 30 dB Radio Std: None Radio Std: None Radio Std: None Radio Std: None Radio Std: None Radio Std: None							Frequency
10 dB/div Ref Offset 8.75 dB								
18.8 18.75	88							Center Freq 1.905000000 GHz
-125		ALC: NOTION		OL AFFINISTIC PR	1			
-31.3 -41.3					Annonement of the second			
-61.3								
Center 1.905 GHz #Res BW 110 kHz								CF Step 2.000000 MHz
Occupied Bandwidth Total Power					19.7 dBm			<u>Auto</u> Man
8.9269 MHz Transmit Freq Error -20.755 kHz			OBW Power		99.00 %			Freq Offset 0 Hz
x dB Bandwidth	9.516 M	Hz	x dB		-26.	00 dB		

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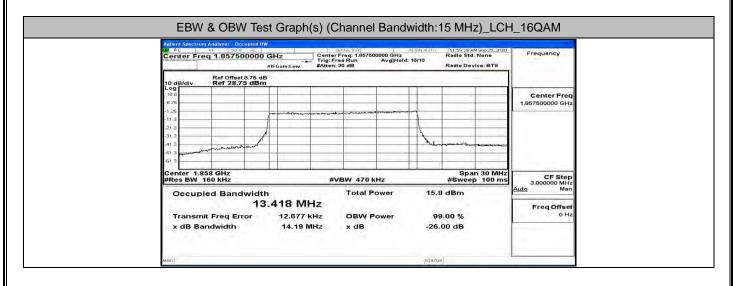


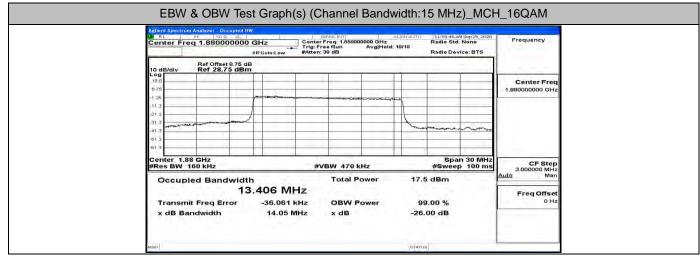


M     №F     ∞0.00     etc.     setMach/T     attenator     11:59:858.M3002     32:00     32:00     32:00     11:59:858.M3002     32:00 </th							
#/FGain:Low     #Atten: 30 dB     Radio Device: BTS       10 dB/dV     Ref Offset 8.75 dB     10 dB/dV							
Log 188 875					Center Fred 1.902500000 GH:		
-1 25 -11.3 -21.3	A	**************************************					
-31.3 -41.3			A. A.				
61.3 Center 1.903 GHz #Res BW 160 kHz		#VBW 470 kHz		Span 30 M #Sweep 100	IHz CF Step ms 3.000000 MHz		
Occupied Bandwic		Total Powe	20	.0 dBm	Auto Man		
Transmit Freq Error x dB Bandwidth	이 경험에 잘 갔다. 것 같은 것 같아요. 집에 가지 않는 것이 같이 같이 많은 것이다. 그는 것은 것 것에서 가지 않는 것이다. 그는 것은 것을 것을 못했는 것이다. 그는 것은 것을 것을 못했다.				Freq Offset 0 Hz		

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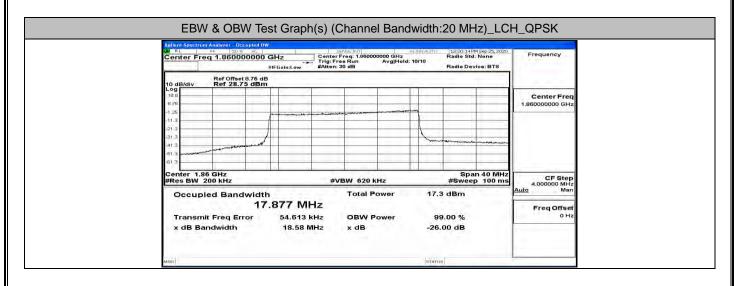


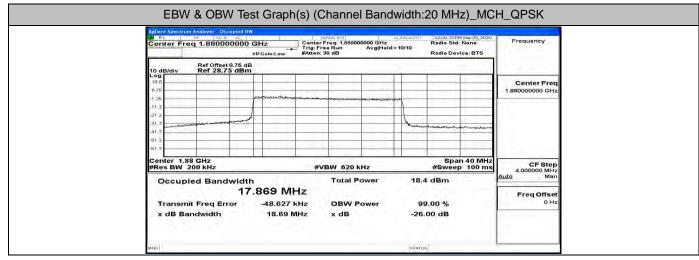


Agilent Spectrum Analyzer Occupied B		CONTRACTOR OF THE OWNER						
Image: Center Freq 1.9025000000 GHz     Subscription     Subscription								
Ref Offset 8.75 dB 10 dB/div Ref 28.75 dBm								
18,8 18,75				-		Center Freq 1.902500000 GHz		
-1.25 -11.3 -21.3		and a closeffer which is any a set		- النواسية المراجع	~~~~~			
313 413	/							
-61.3								
Center 1.903 GHz #Res BW 160 kHz	n 30 MHz 5 100 ms	CF Step 3.000000 MHz Auto Man						
					19.0 dBm			
13.358 MHz Transmit Freq Error -5.076 kHz		OBW Power	99.00 %			Freq Offset 0 Hz		
x dB Bandwidth	14.11 MHz	MHz xdB		-26.00 dB				

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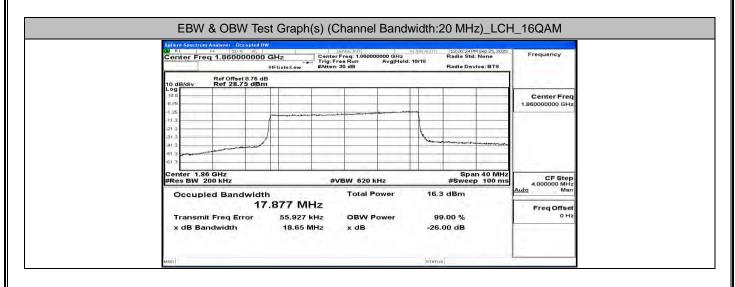


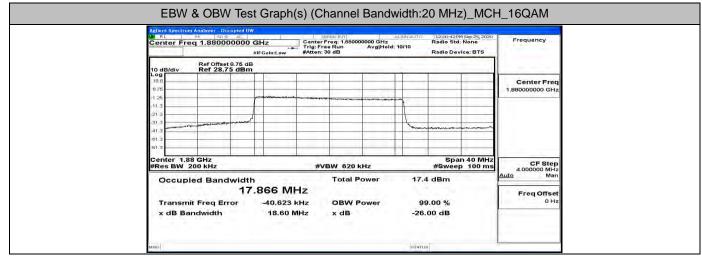


Aclent Spectrom Analyzer     Occupied IW       M     RL     ve     500 al     SEME: [V]     stray autor     112:00:51 IM Sep 25, 2020       M     RL     ve     500 al     Center Freq: 1.90000000 GHz     Radio Std: None       Zenter Freq 1.90000000 GHz     Trig: Free Run     Avg Hold: 10/10     Radio Std: None       zi/FGain:Low     Free Run     Avg Hold: 10/10     Radio Device: BTS								
							Ref Offset 8.75 dB 10 dB/div Ref 28.75 dBm	
18.8								
8.75	a la contrat maria				1.900000000 GHz			
:11.3	A							
-21.3			1					
413			-	and a state of the				
-61.3								
Center 1.9 GHz #Res BW 200 kHz	Span 40 MHz Sweep 100 ms	CF Step						
Occupied Bandwidt	Bm	4.000000 MHz Auto Man						
	7.786 MHz	Total Power			Freq Offset			
Transmit Freq Error 25.401 kHz		OBW Power	99.00 %		0 Hz			
x dB Bandwidth	18.59 MHz	x dB	-26.00	dB				

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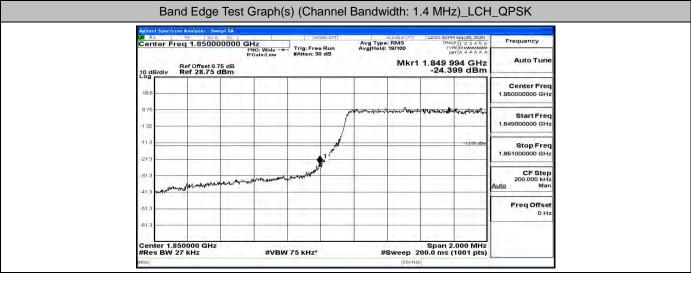


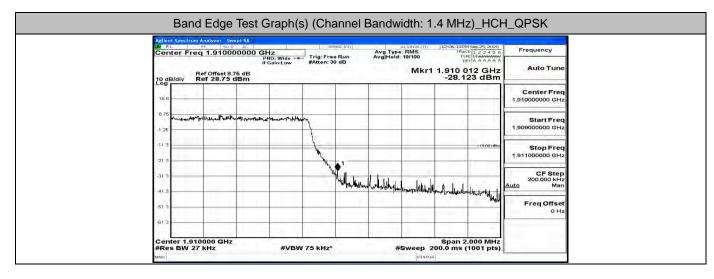


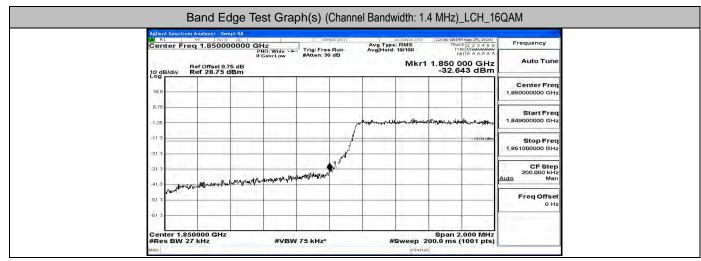
Agilent Spectrum Analyzer - Occupied I	W/	1 contract to the		12:01:00 PM Sep 25, 2020	-			
Mill     special     Subscit/VT     All Stat/VT     All S								
Ref Offset 8.75 dB 10 dB/div Ref 28.75 dBm								
188 875					Center Freq 1.900000000 GHz			
-1.25 -11.3 -21.9	A Constant Annual Annua	address of the other strategy and the						
313			time					
-61.3				/				
Center 1.9 GHz #Res BW 200 kHz	Span 40 MHz #Sweep 100 ms	CF Step 4.000000 MHz						
Occupied Bandwid	18.3	dBm	Auto Man Freq Offset					
17.776 MHz Transmit Freq Error 19.762 kHz x dB Bandwidth 18.54 MHz		OBW Power	99. -26.0	00 % 0 dB	0 Hz			

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### **B.4 Band Edge**

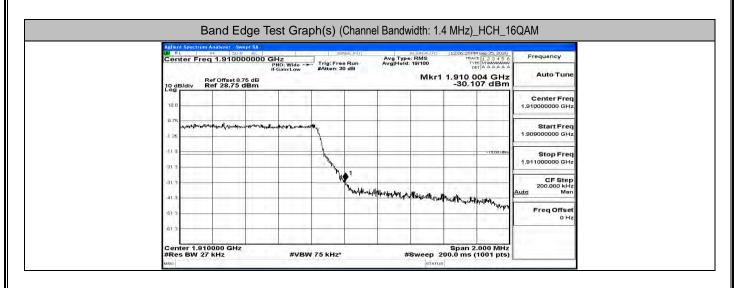


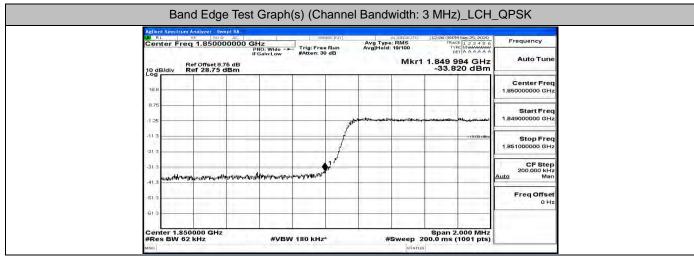


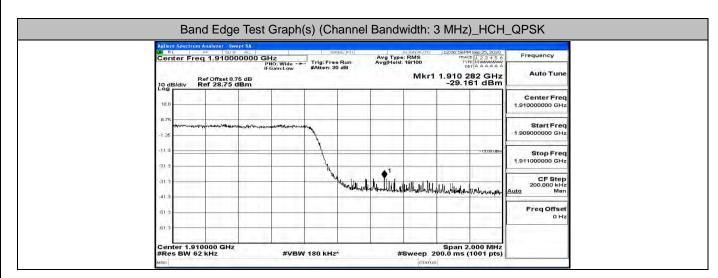


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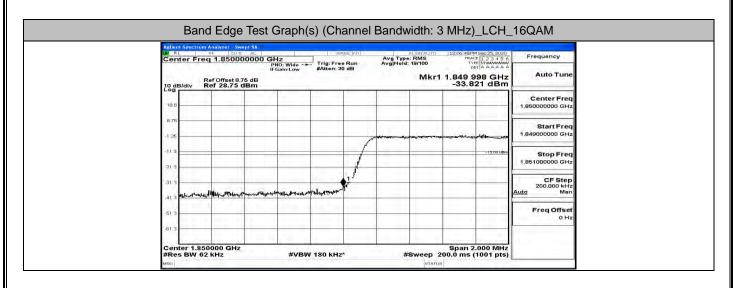


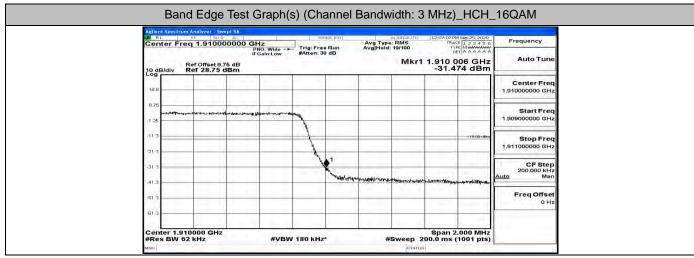


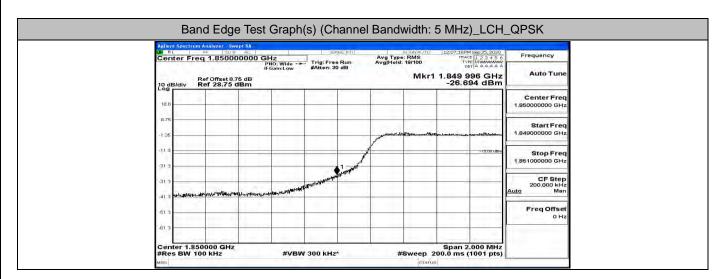


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Report No.: LCS200730059AEE

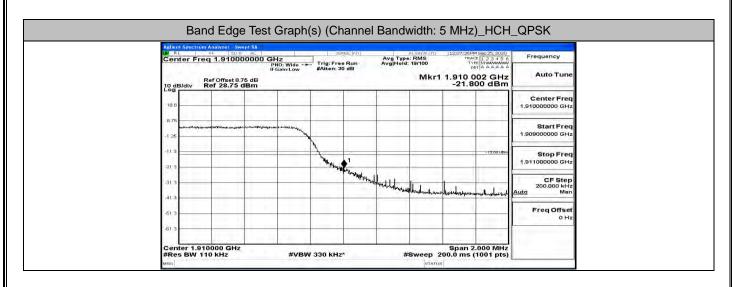


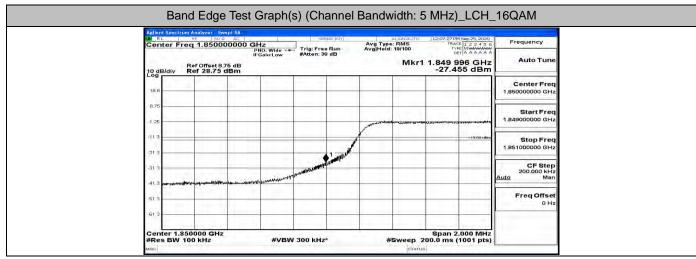


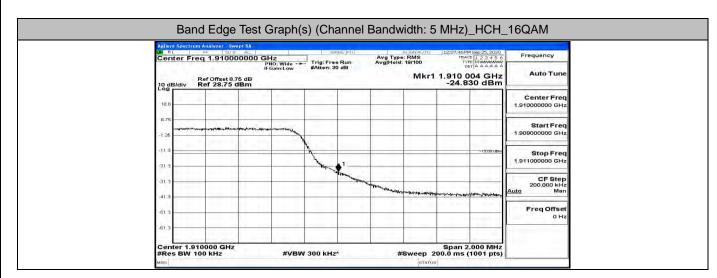


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Report No.: LCS200730059AEE







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

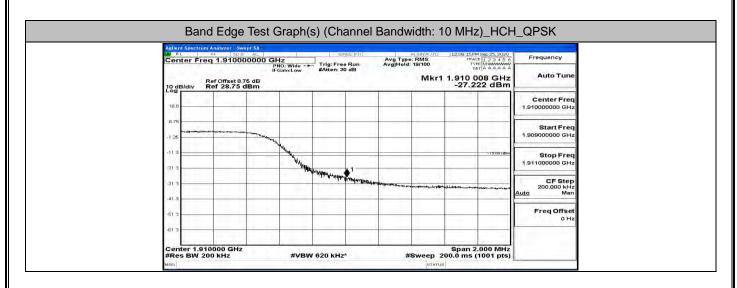
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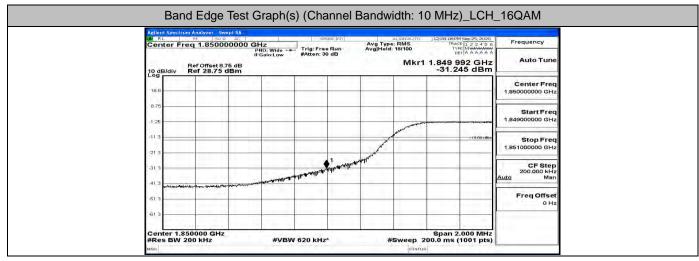
Report No.: LCS200730059AEE

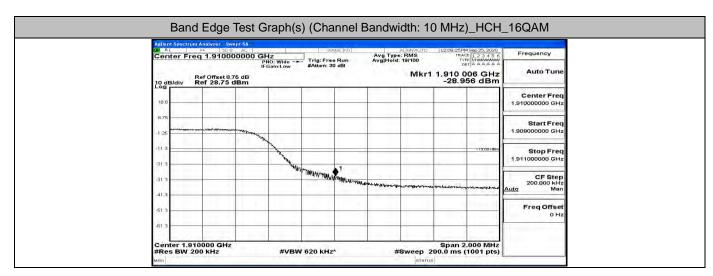
		850000000 C	SHz PNO; Wide	Carolina III	Bun	Avg Type Avg Hold:	: RMS	12:07:56 PM Sep TRACE 1 TYPE M	23456 AAAAA	Frequency			
10 dB/	div Ref 0	ffset 8,75 dB 28.75 dBm	IFGain:Low	#Atten: 30	dB			1.849 960 -29.961	GHz	Auto Tune			
18.8 -	1			-						Center Freq 1.850000000 GHz			
8.75							Allowing			Start Freq 1.849000000 GHz			
-113			_	_		1			-13.00 tiBm	Stop Freq 1.851000000 GHz			
-31.3		itatilainuktilikuletus	. Janua hab	white the	winnit winnith	w				CF Step 200.000 kHz			
413 M	hal dava ki dalam ba	How and the second s	Arcel from the areas							Auto Man Freq Offset			
-613-										0 Hz			
	er 1.85000 BW 200 k		#\/B\W	620 kHz		#	Sween 2	Span 2.00 00.0 ms (10	0 MHz	12			

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Report No.: LCS200730059AEE







Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK

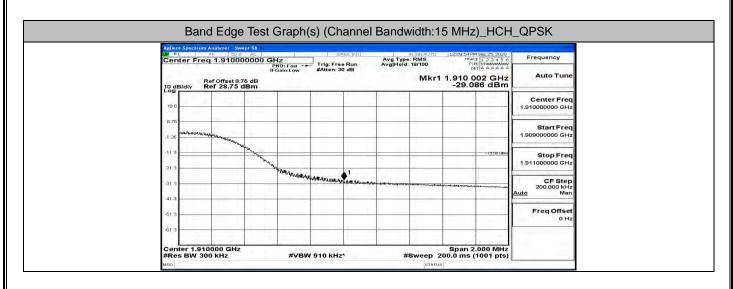
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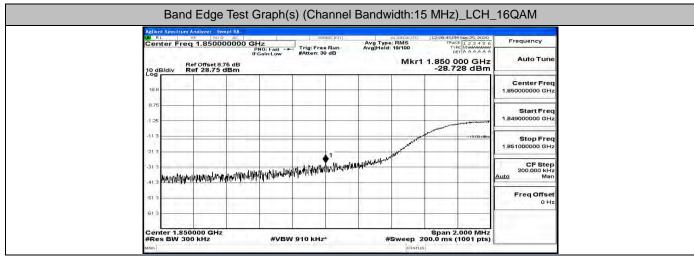
Report No.: LCS200730059AEE

Center	Freq 1.850	100000 GI	Hz	The second second	USE:INT]	Avg Type Avg Hold:	RMS	12:08:35 PM TRAC	Sep 25, 2020 1 2 3 4 5 6	Frequency
10 dB/div	Ref Offset	р IF 9,76 dB	NO: Fast Gain:Low	#Atten: 3	e Run 0 dB	Avg Hold:		1.849 9	96 GHz 44 dBm	Auto Tune
18.8										Center Freq 1.85000000 GHz
8.75								andiana		Start Freq 1.849000000 GHz
-113							and and the second	and the second s	-13:00 tiBm	Stop Freq 1.851000000 GHz
313				www.www.	1 WANTI WWART	MARTINEAUT	N <sup>T</sup>			CF Step 200.000 kHz
:41 3 5M00-04	ant de la contra de	and the second	and the second s							Auto Man Freq Offset
-61.3										0 Hz
	1.850000 GH W 300 kHz	z		910 kHz			-	Span 2.	000 MHz	

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Report No.: LCS200730059AEE

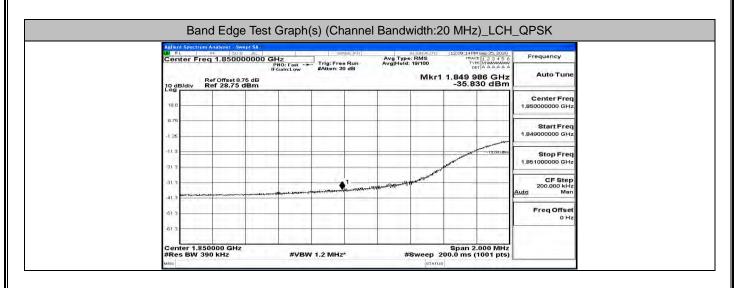


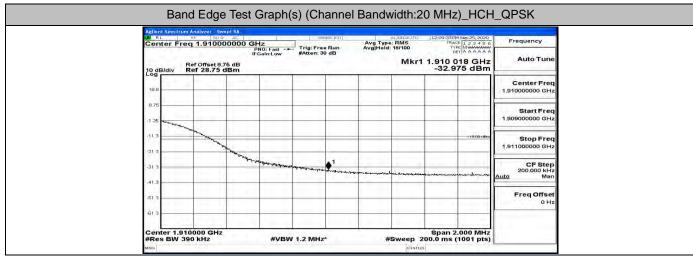


	ED Q AL		senise Ini i	ai ai	GNAUTO ]12:09:0	3 PM Sep 25, 2020	Frequency
Center Freq 1.9		PNO: Fast -+	Trig: Free Run	Avg Type: I Avg Hold: 1	9/100	TYPE MUMANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency
10 dB/div Ref 2	set 8.75 dB 8.75 dBm	FGain:Low	#Atten: 30 dB		Mkr1 1.910		Auto Tune
18.8	111	-					Center Freq 1.910000000 GHz
8.75							Start Freq 1.909000000 GHz
-11.3	and a second and a s					-15.00 tilber	Stop Freq 1.911000000 GHz
-31 3		In the rearies	WAR AND			and a grown	CF Step 200.000 kHz Auto Man
41.3							Freq Offset
-61.3		_		_			0 112

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		um Analyzer				NETRI		AL IGN AUTO	12:09:230	1 Sep 25, 2020	
			0000000	GHz PNO: Fast -	Cardenan's	The state of the s	Avg Type Avg Hold:	BMS	TRAC	E 123456 E MUMMMMM T A A A A A A	Frequency
10	dB/div	Ref Offse Ref 28.	t 8.76 dB 75 dBm	IFGain:Low	#Atten: 3	0 dB			1.850 0	00 GHz 41 dBm	Auto Tune
18.											Center Freq 1.850000000 GHz
8.7 -1 2											Start Freq 1.849000000 GHz
-(1) -(2)				_					Marken Marken	13.00 tiBm	Stop Freq 1.85100000 GHz
-31	3		entra de la composición de la		***	1 -	and constraints and	William Million			CF Step 200.000 kHz Auto Man
-41.											Freq Offset 0 Hz

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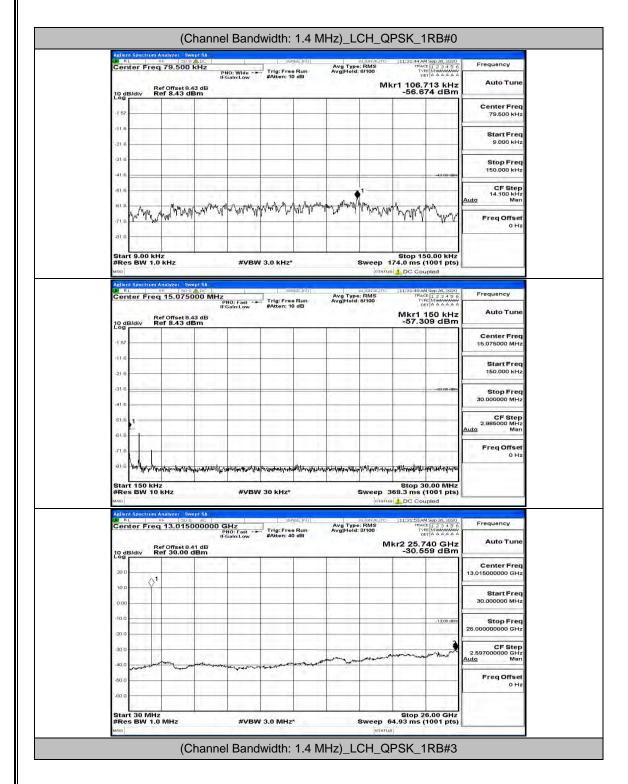
Report No.: LCS200730059AEE

Center Pred 1.3 10000000 GP200 Fox     Trig: Pree Run Beform: 30 dB     AvgHeid: 19/100     Trig: Pree Run Sate: 30 dB     Auto Tune       10 dB/div 8 rf 28.75 dB     Ref Offset 8.75 dB     Mkr1 1.910 000 GHz -33.759 dBm     Auto Tune       18.8     -33.759 dBm     -33.759 dBm     Center Freq 1.910000000 GHz     Start Freq 1.91000000 GHz       11.3	Agilent Spectrum Analyzer Swe		SENSE INT	ALIGNAUTO	12:09:42 PM Sep 25, 2020	
Ref Offset 8.75 dBm     Mkr1 1.910 000 GHz     Auto Tune       10 dB/dv     Ref 28.75 dBm     -33.759 dBm     Center Freq       18.8     -33.759 dBm     -33.759 dBm     19000000 GHz       18.8     -33.759 dBm     -33.759 dBm     19000000 GHz       19.75		00000 GHz	and the second se	Avg Type: RMS Avg Hold: 18/100	TRACE 1 2 3 4 5 6	Frequency
188     Center Freq       125     Start Freq       113     Start Freq       114     Start Freq       115     Start Freq       116     Start Freq       117     Start Freq       118     Start Freq       119     Start Freq       11000000 GHz     Start Freq       1113     Start Freq       1114     Start Freq       115     Start Freq       116     Start Freq       117     Start Freq       118     Start Freq       119     Start Freq	10 dB/div Ref 28.75 d	IFGain:Low 75 dB	#Atten: 30 dB	Mkr1	1.910 000 GHz	100000000000000000000000000000000000000
125     Start Freq 19900000 GHz       113     Stop Freq 1911000000 GHz       113     Stop Freq 1911000000 GHz       113     CF Step 200000 GHz       113     Freq Offset	17 In the Internet In					
313     Stop Freq 1.91100000 GHz       313     CF Step Auto       413     Freq Offset						
313     1     CF Step       413     200.000 kHz     Auto       613     Freq Offset					+1 3.00 xiBen	
613 FreqOffset	(2) [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	and a second and a s	1 1			200.000 kHz

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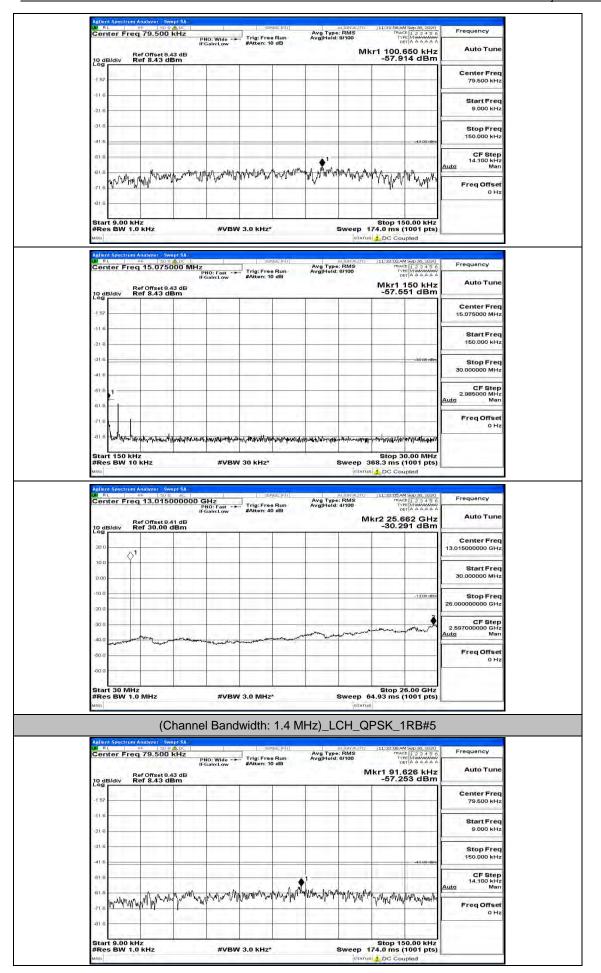
# **B.5 Conducted Spurious Emission**

## **Channel Bandwidth: 1.4 MHz**



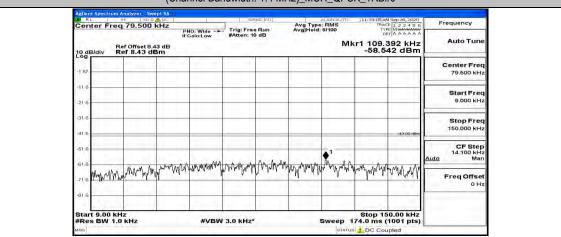
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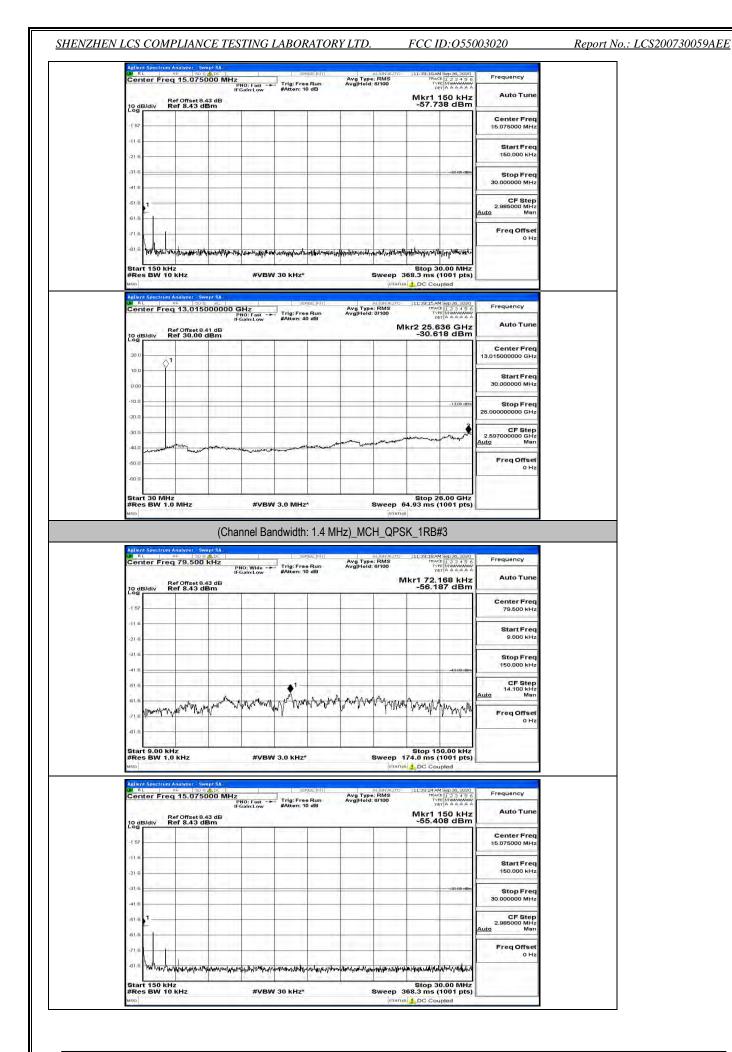


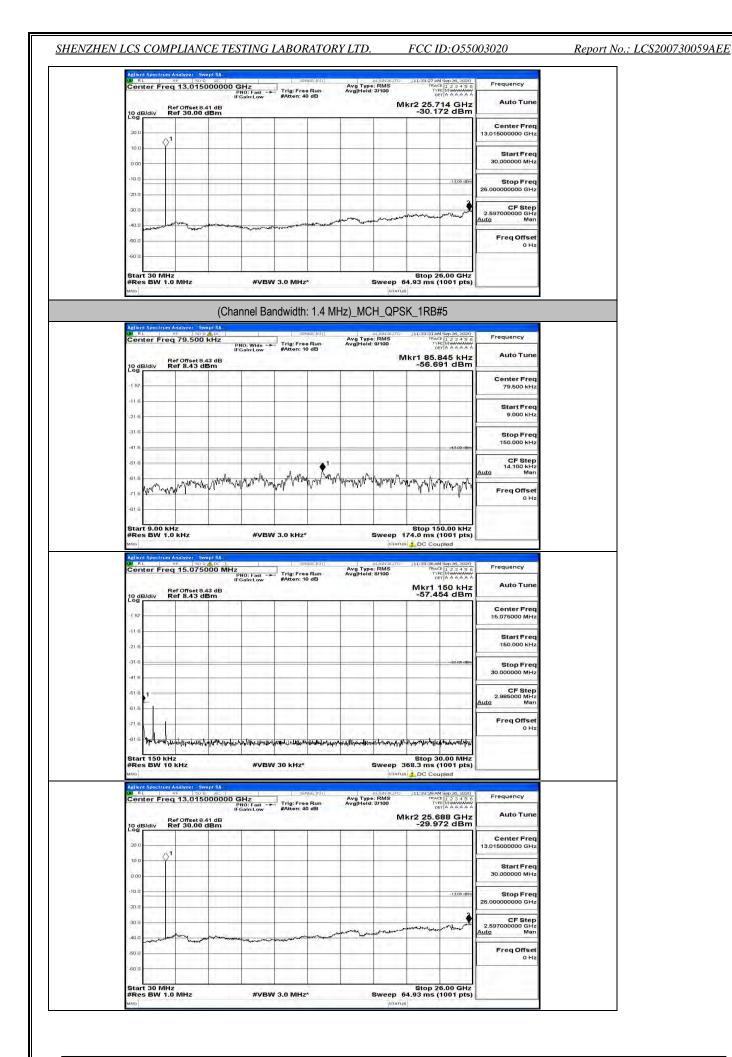
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Center Freq 15.075	000 MHz PNO: Fast	Avg Type: RMS Avg Type: RMS Avg Hold: 8/100 dB	11:32:14 AM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MMMMMMM DET A A A A A A	Frequency
10 dB/div Ref 8.43 d			Mkr1 150 kHz -59.287 dBm	Auto Tune
-1 57				Center Freq 15.075000 MHz
-21.0				Start Freq 150.000 kHz
-31.6				Stop Freq 30.000000 MHz
-41.6 -61.6				CF Step 2.985000 MHz
-71.6				Auto Man Freq Offset
-81.6 the topological and the second	watereverse and the second days of the second	tonense anne glandedon galante	ายเวงหุญมาเหมาะการเป็นแก่งหมู่สะเลือด	0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*		Stop 30.00 MHz p 368.3 ms (1001 pts)	
and a			a be obupied	
Agilent Spectrum Analyzer - Sw	vept SA	erchivi a centar	THE REPORT OF AN ADDRESS OF STREET	li contra c
Center Freq 13.015	2 AL SEN 0000000 GHz PNO: Fast Trig: Free IFGain:Low #Atten: 40	SE INT ALIGN AL Avg Type: RMS Run Avg Hold: 3/100 dB	11:32:17 AM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE TYPE DET A A A A A Mkr2 25 688 GHz	Frequency Auto Tune
RL RF 50 S	2 AC 000000 GHz PNO: Fast ++ IFGain:Low 41 dB	st.[n] altional Avg Type: RMS Run Avg[Hold: 3/100 dB	10 J11:32:17 AM Sep 28, 2420 TRACE I 2 3 4 5 6 TYPE MUMANY DETIA A A A A A Mkr2 25.688 GHz -29.910 dBm	1.
Center Freq 13.015 Center Freq 13.015 10 dB/div Ref 30.00 200	2 AC 000000 GHz PNO: Fast ++ IFGain:Low 41 dB	Run Avg Type: RMS Bun Avg Type: RMS dB	Mkr2 25.688 GHz	1.
Center Freq 13.015	2 AC 000000 GHz PNO: Fast ++ IFGain:Low 41 dB	Run Avg Type: RMS dB	Mkr2 25.688 GHz	Auto Tune Center Freq
M     N     NO       Center Freq 13.015     Soc       10 dB/div     Ref Offset8.       200	2 AC 000000 GHz PNO: Fast ++ IFGain:Low 41 dB	Run Avg Type: RMS dB	Mkr2 25.688 GHz	Auto Tune Center Freq 13.01500000 GHz Start Freq
Bit     Image: Topological system     Topological system <thtopological system<="" th="">     Topological syst</thtopological>	2 AC 000000 GHz PNO: Fast ++ IFGain:Low 41 dB	Run dB Avg Type: RMS AvgHold: 3/00	Mkr2 25.688 GHz -29.910 dBm	Auto Tune       Center Freq 13.015000000 GHz       Start Freq 30.000000 MHz       Stop Freq 26.00000000 GHz       2.597000000 GHz       2.597000000 GHz
Min     He     Hoo       Center Freq 13.015     Ref Offset8.       10 dB/div     Ref Offset8.       200	2 AC 000000 GHz PNO: Fast ++ IFGain:Low 41 dB	Avg Type - RMS Avg Held: 3/100	Mkr2 25,688 GHz -29.910 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.0000000 MHz 25.00000000 GHz 2.557000000 GHz Auto Man Freq Offset
nt     ne     poor       Center Freq 13.015     Ref Offset8.     ne       100	At dB At	Avg Type RMS Run dB Avg Hold: 37100	Mkr2 25,688 GHz -29.910 dBm	Auto Tune       Center Freq 13.015000000 GHz       Start Freq 30.000000 MHz       Stop Freq 26.000000000 GHz       25.9700000 GHz       Auto       Man



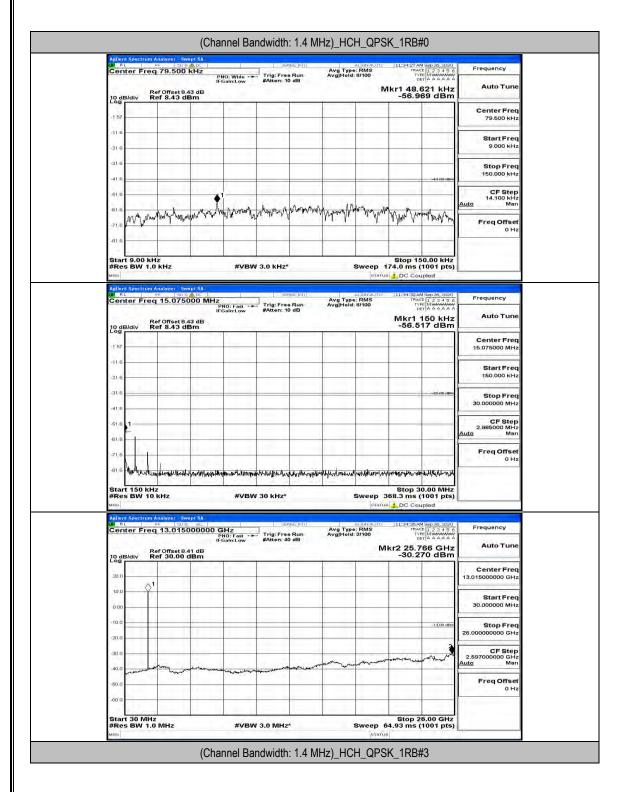
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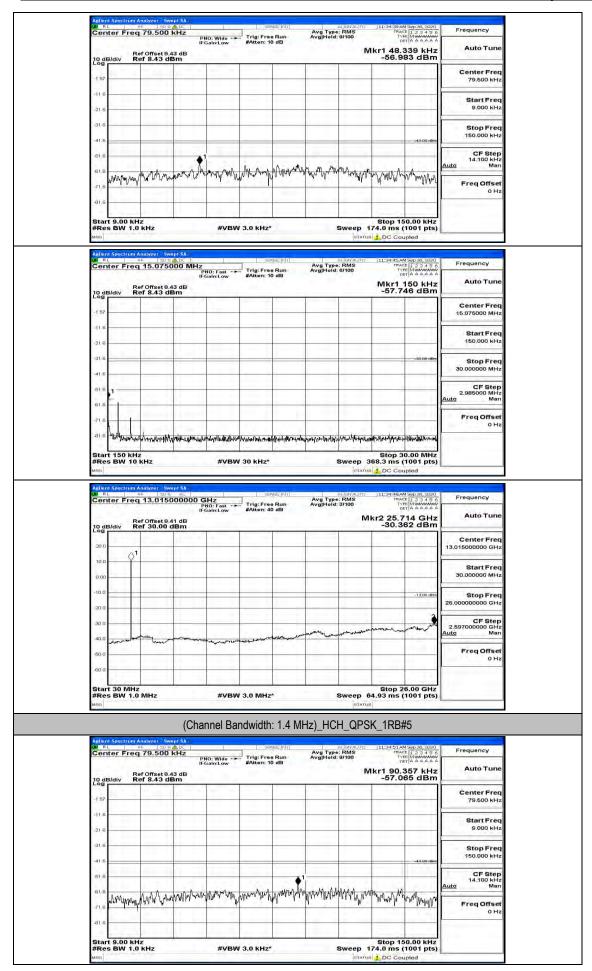
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Report No.: LCS200730059AEE



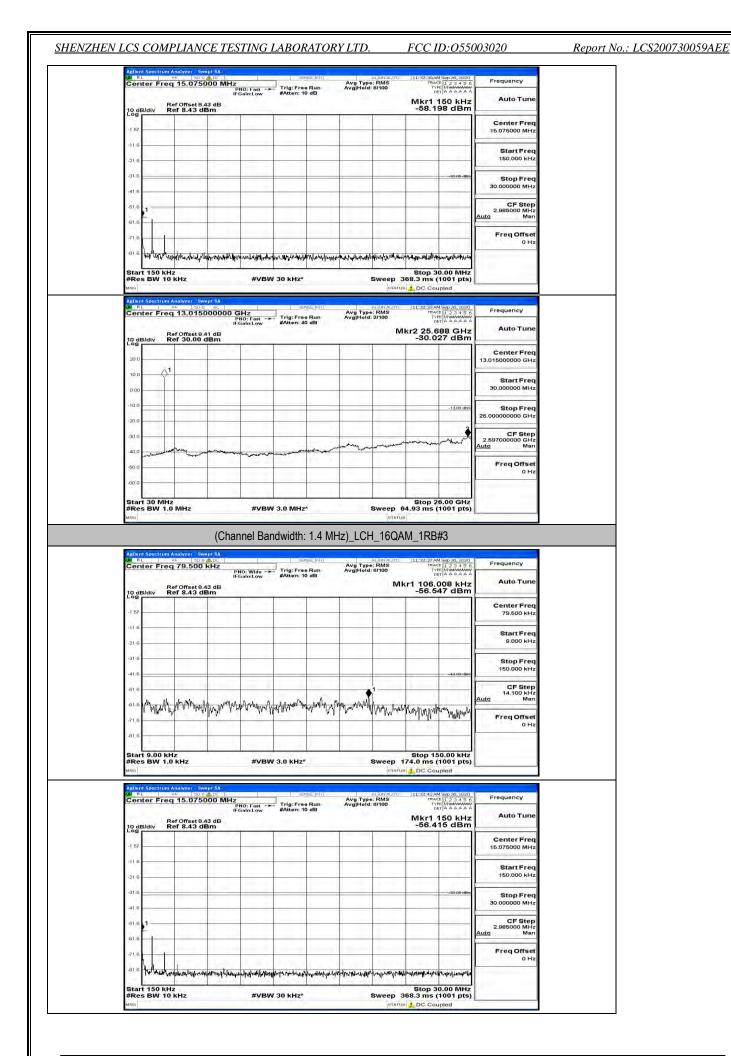
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	11:34:57 AM Sep 26, 2020	ALIGNAUTO	SERVICE INT		RE Swept SA	ellent Spect
Frequency	TRACE 1 2 3 4 5 6 TYPE MINIMUM	Avg Type: RMS Avg Hold: 8/100	Trig: Free Run	PNO: Fast	req 15.075000 M	
Auto Tu	Mkr1 150 kHz -57.535 dBm		#Atten: 10 dB	IFGain:Low	Ref Offset 8.43 dB Ref 8.43 dBm	0 dB/div
Center Fi 15.075000 M					4	1 57
Start Fr 150.000 k						21.6
Stop Fre 30.000000 Mi	-33:00 dBm					31.6
CF Ste 2.985000 Mi Auto Mi						41 6 61 6 1
Freq Offs					1	716
	مربع المعالية المعال Stop 30.00 MHz 368.3 ms (1001 Hz) معالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية	Sweep 3	чыныңылчының 30 кHz*	1	kHz	Start 150 #Res BW
	Stop 30.00 MHz 368.3 ms (1001 pts)	Sweep 3	<u>Z- 10 - 1 - 4 - 4 - 5</u>	#VBW	KHz 10 KHz	Start 150 #Res BW
Frequency Auto Tur	Stop 30.00 MHz 368.3 ms (1001 pts) Stoppied	Sweep 3 arratu alustature Avg Type: RMS Avg]Hold: 3/100	30 KHz*	#VBW	kHz 10 kHz <sup>90</sup> 50 9 8C req 13.01500000 Ref Offset 8.41 dB	Start 150 Res BW
Frequency	Stop 30.00 MHz 368.3 ms (1001 pts) DC Coupled 11:25:01AM Sep 30, 2020 match 12 3 2 4 5 6 There in Maximum DC A A A A A 1kr2 26.000 GHz	Sweep 3 arratu alustature Avg Type: RMS Avg]Hold: 3/100	30 kHz*	#VBW	KHz 10 KHz wr 100 c ac reg 13.01500000	Start 150 #Res BW
Frequency Auto Tur Center Fre	Stop 30.00 MHz 368.3 ms (1001 pts) DC Coupled 11:25:01AM Sep 30, 2020 match 12 3 2 4 5 6 There in Maximum DC A A A A A 1kr2 26.000 GHz	Sweep 3 arratu alustature Avg Type: RMS Avg]Hold: 3/100	30 kHz*	#VBW	kHz 10 kHz <sup>90</sup> 50 9 8C req 13.01500000 Ref Offset 8.41 dB	Start 150 #Res BW
Frequency Auto Tur Center Fre 13.01500000 Gł	Stop 30.00 MHz 368.3 ms (1001 pts) DC Coupled 11:25:01AM Sep 30, 2020 match 12 3 2 4 5 6 There in Maximum DC A A A A A 1kr2 26.000 GHz	Sweep 3 arratu alustature Avg Type: RMS Avg]Hold: 3/100	30 kHz*	#VBW	kHz 10 kHz <sup>90</sup> 50 9 8C req 13.01500000 Ref Offset 8.41 dB	200 10.0 1
Frequency Auto Tur Center Fri 13.015000000 Gl Start Fri 30.000000 Ml	Stop 30.00 MHz 368.3 ms (1001 pts) 31.26 unter the store of the store is a store of the store of	Sweep 3 arratu alustature Avg Type: RMS Avg]Hold: 3/100	30 kHz*	#VBW	kHz 10 kHz <sup>90</sup> 50 9 8C req 13.01500000 Ref Offset 8.41 dB	Start 150       Start 150       Start 150       Ident Spect       MR       Center F       OgB/div       00       10.0       10.0       0.00

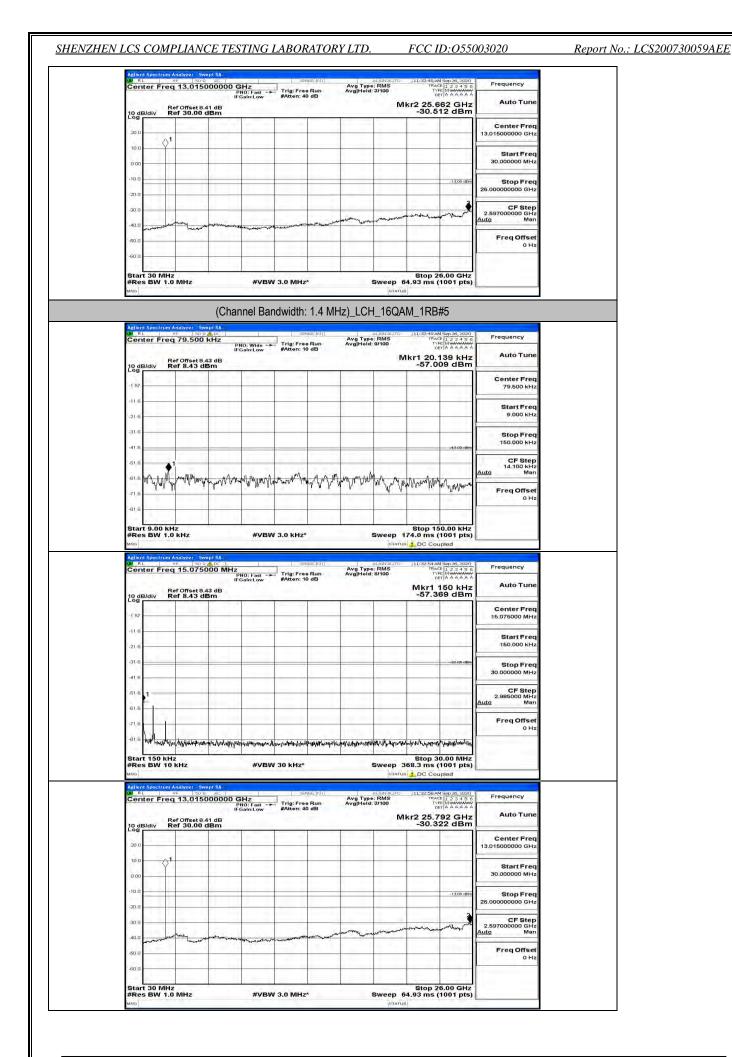
(	Channel Bandwidth: 1.4 M	Hz)_LCH_16QAM_1RB#0	
Aglient Spectrum Analyzec Swept S W. RL WE SURAD Center Freq 79.500 kHz	service intr	AU (63/AU/TO )11:32:24 AM Sep 20, 2020 Avg Type: RMS TRACE   2 3 4 5 6 Avg Hold: 8/100 Type (MWAWAWA	Frequency
Ref Offset 8.43 d 10 dB/div Ref 8.43 dBm	PHO: Wide Trig: Free Run IFGain:Low #Atten: 10 dB B	Mkr1 19.998 kHz -57.340 dBm	Auto Tune
-1 57			Center Freq 79.500 kHz
-11.6			Start Freq 9.000 kHz
-31.6		-43.00 (Fen	Stop Freq 150.000 kHz
-51 B			CF Step 14.100 kHz Auto Man
-51.6 Wryr Walty Willing	wander and a second and a second and a	and warden and a second and and a second and a	Freq Offset 0 Hz
-81.6		Stop 150.00 kHz	
#Res BW 1.0 kHz	#VBW 3.0 kHz*	Sweep 174.0 ms (1001 pts)	

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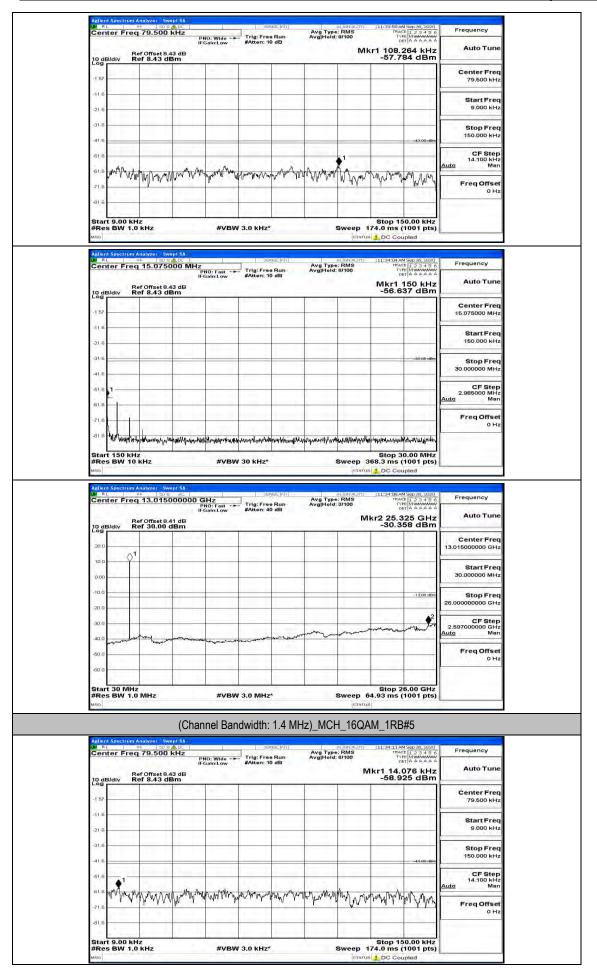
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Report No.: LCS200730059AEE

Aglent Spectrum Analyzer Sw WRL RF 50 S Center Freg 79,500	A DC SE	NGE INT ALIGNAUT	TO 11:39:47 AM Sep 26, 2020 TRACE 1 2 3 4 5 6	Frequency
Ref Offset 8	PNO: Wide Trig: Fre IFGain:Low #Atten: 1	Avg Type: RMS e Run Avg Hold: 8/100 10 dB	Mkr1 14.217 kHz -58.327 dBm	Auto Tune
10 dB/div Ref 8.43 d	u			Čenter Freq 79.500 kHz
-21.6				Start Freq 9.000 kHz
-31.6				Stop Freq 150.000 kHz
-61.6 -51.6			-43.00 riBin	CF Step 14.100 kHz
-61.6 apt month month of the	and all for the stand the second	and and an and and and the	and arman harmanny	Auto Man Freq Offset 0 Hz
-81.6				UHZ
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz		Stop 150.00 kHz 174.0 ms (1001 pts)	
Aellent Spectrum Analyzer Sw W RL RF 505 Center Freq 15.075	000 MHz	NGE:[N] ALGANAUJ Avg Type: RMS No Run Avg Hold: 8/100	TO 11:39:52 AM Sep 26, 2020 TRACE 1 2 3 4 5 6	Frequency
Ref Offset 8	PNO: Fast Trig: Fre IFGain:Low #Atten: 1 43 dB	e Run Avg Hold: 8/100 10 dB	Mkr1 150 kHz -56.314 dBm	Auto Tune
10 dB/div Ref 8.43 d				Center Freq 15.075000 MHz
-216				Start Freq 150.000 kHz
-31.6			~33:00 dBm	Stop Freq 30.000000 MHz
-41.6				CF Step 2.985000 MHz
-61.6				Auto Man Freq Offset
-01.6 MA UNA MINIMANA	เกลยนใหล่งการแหน่งที่การการแม่ใหม่เกายนามประหม่ง		with of the second s	0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*		Stop 30.00 MHz 368.3 ms (1001 pts)	
Agilent Spectrum Analyzer Sw W RL RF 150 S Center Freq 13.015	000000 GHz	NSE:INT ALIGNALI Avg Type: RMS	TO 11:39:55 AM Sup 26, 2020 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref Offset 8.	PNO: Fast Trig: Fre IFGain:Low #Atten: 4	IO dB	Mkr2 25.662 GHz -30.199 dBm	Auto Tune
20.0				Center Freq 13.015000000 GHz
10.0				Start Freq 30.000000 MHz
-10.0			-1 3,00 viten	Stop Freq 26.00000000 GHz
-20.0			and the second	CF Step 2.597000000 GHz
-40.0	and the second			Auto Man Freq Offset
-60.0				0 Hz
the second second				

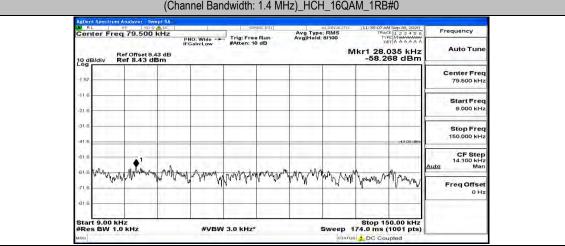
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Report No.: LCS200730059AEE

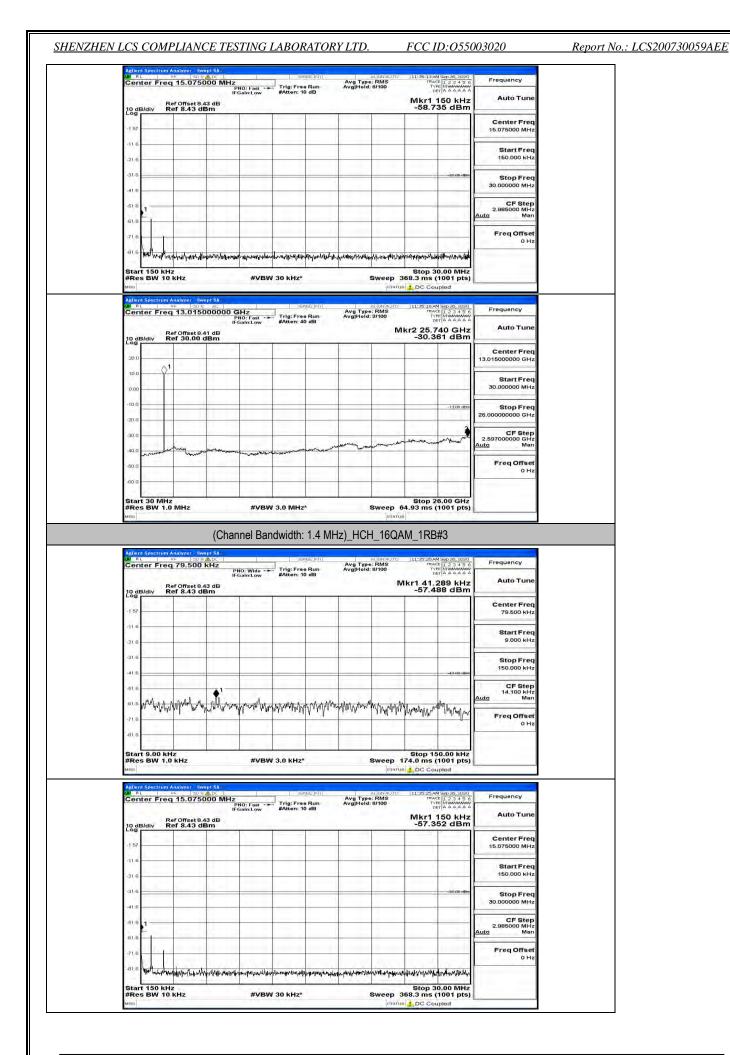


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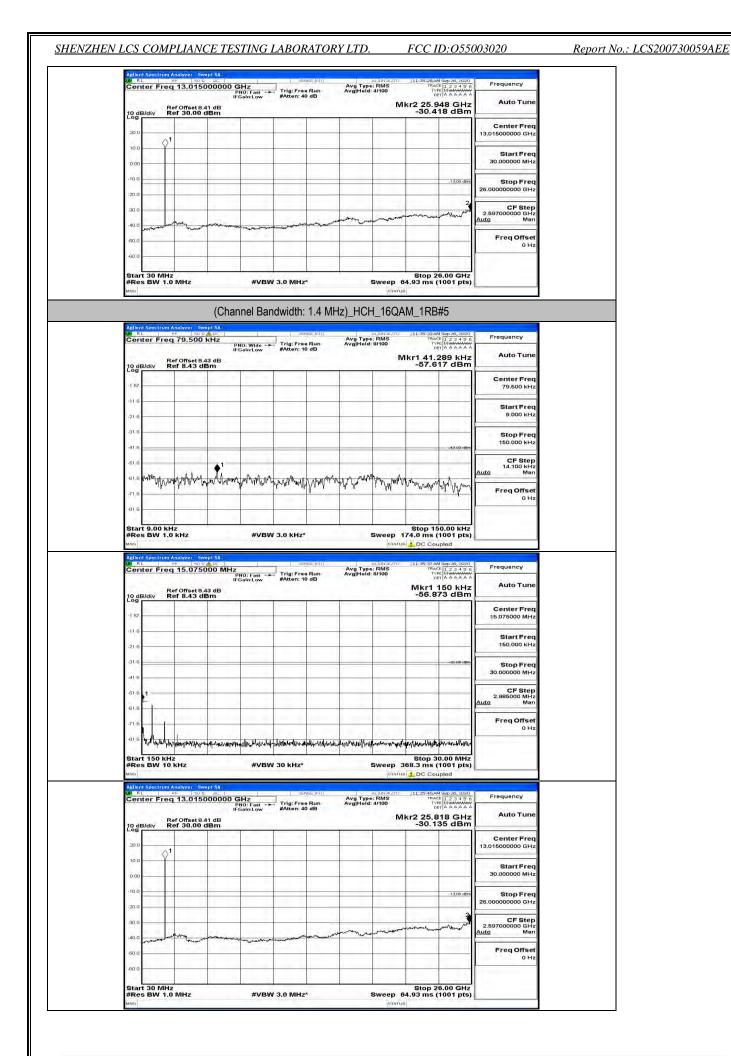
	5.075000 MHz PN IFG	O: Fast Trig: ain:Low #Atte	Free Run	Avg Type Avg Hold:	RMS 8/100	11:34:10 AM Sep 26, TRACE 1 2 3 TYPE MWAAP DET A A A	456 Frequency
10 dB/div Ref 2	ffset 8.43 dB 8.43 dBm				_	Mkr1 150 k -56.562 di	Hz Auto Tune 3m
-1 57	-						Center Freq 15.075000 MHz
-216							Start Freq 150,000 kHz
-31.6					-		BidBm Stop Freq 30.000000 MHz
-416 -516 <b>1</b>							CF Step 2.985000 MHz
-71.6					1		Freq Offset
Start 150 kHz #Res BW 10 kHz	merupations. 	₩₩₩₩₩₩₩₩₩₩₩₩ #VBW 30 ki	the second second	a tay saina		۱ ۲۰۰۰ Stop 30.00 N 868.3 ms (1001	AHZ
	4	#VDV4 50 KI					
MSG		#VDV 30 K			STATU	DC Coupled	
Agilent Spectrum Analy	7291 Swept SA 190 9 AC 1 3.015000000 GI PN	Hz O:Fast Trig:	SENSE IN (		STATU		2020
Aglient Spectrum Analy 20 RL NF Center Freq 13 Ref O	7291 Swept SA 190 9 AC 1 3.015000000 GI PN	Hz Tria:	sense;inir]		ALIGNAUTO 1: RMS 3/100	DC Coupled	Hz Auto Tune
Adlient Spectrum Analy State Provide Spectrum Analy Center Freq 13 Center Freq 13 10 dB/div Ref 3 20 0	/zer Swept SA 50 Q AC 3.015000000 GI PN IFG	Hz O:Fast Trig:	sense;inir]		ALIGNAUTO 1: RMS 3/100	DC Coupled	Hz Auto Tune
Adlent Spectrum Analy DJ RL 94 Center Freq 13 10 dB/div Ref 3	/zer Swept SA 50 Q AC 3.015000000 GI PN IFG	Hz O:Fast Trig:	sense;inir]		ALIGNAUTO 1: RMS 3/100	DC Coupled	A A A A A A A A A A A A A A A A A A A
Alimit Spectrum Analy Alimit Spectrum Analy Center Freq 12 10 dBJdiv Ref 2 200 10.0 0.00 -10.0	/zer Swept SA 50 Q AC 3.015000000 GI PN IFG	Hz O:Fast Trig:	sense;inir]		ALIGNAUTO 1: RMS 3/100	DC Coupled	Auto Tune Auto Tune Bm Center Freq 13.01500000 GHz 30.000000 MHz
Alimit Spectrum Analy Alimit Spectrum Analy Center Freq 12 10 dB/div Ref 2 200 100 100 100 100 200 -100 -200 -200	7/07 Should SA 100 C 26 3.015000000 G PN 1/5 mset 8.41 dB 30.00 dBm	Hz O:Fast Trig:	sense;inir]		ALIGNAUTO 1: RMS 3/100	11:94:20 AM Sep 26, 11:94:20 AM Sep 26, TRACE [ 2 3 3 TRACE [ 2 3 4 TRACE [ 2 4 4 TRACE [ 2	Auto Tune       Center Frequency       Center Frequency       Start Frequency       Start Frequency       Start Frequency       Start Frequency       Center Frequency       Start Frequency       Start Frequency       Center Frequency       Start Frequency       Center Frequency       Center Frequency       Start Frequency       Center Start Frequency       Cent
Alimit Spectrum Analy Alimit Spectrum Analy Center Freq 12 10 dB/div Ref 2 200 100 100 100 100 200 -100 -200 -200	/zer Swept SA 50 Q AC 3.015000000 GI PN IFG	Hz O:Fast Trig:	sense;inir]		ALIGNAUTO 1: RMS 3/100	DC Coupled	Auto Tune Auto Tune Auto Tune Center Freq 13.01500000 GHz Start Freq 26.0000000 GHz 26.000000 GHz CF Step 2.59700000 GHz Auto Man
Addim Smith own Analysis Center Freq 13 10 dB/div Ref 3 10 dB/div Ref 4 10 dB/di Ref 4 10 dB/div Ref 4	7/07 Should SA 100 C 26 3.015000000 G PN 1/5 mset 8.41 dB 30.00 dBm	Hz O:Fast Trig:	sense;inir]		ALIGNAUTO 1: RMS 3/100	DC Coupled	Auto Tune Auto Tune Center Freq 13.01500000 GHz Start Freq 30.00000 MHz 25.000000000 GHz 2.59700000 GHz Auto Mar



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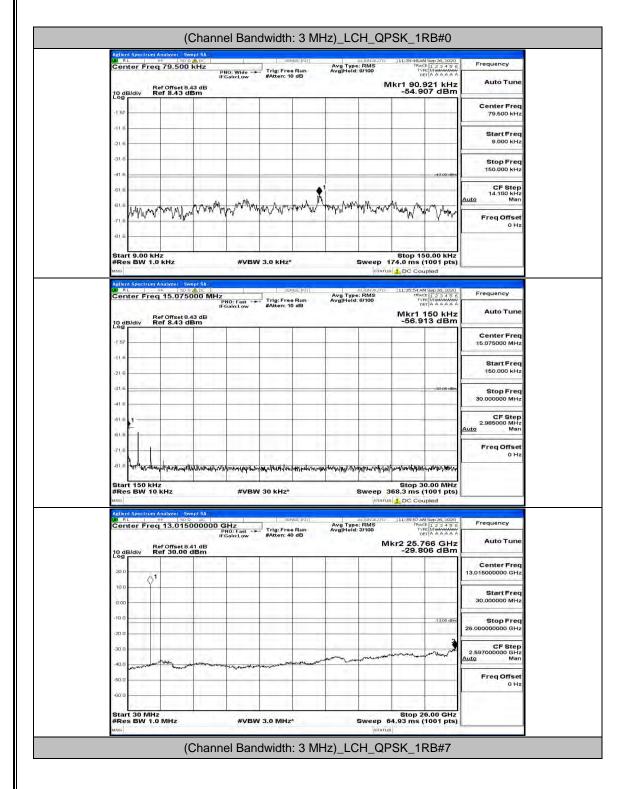


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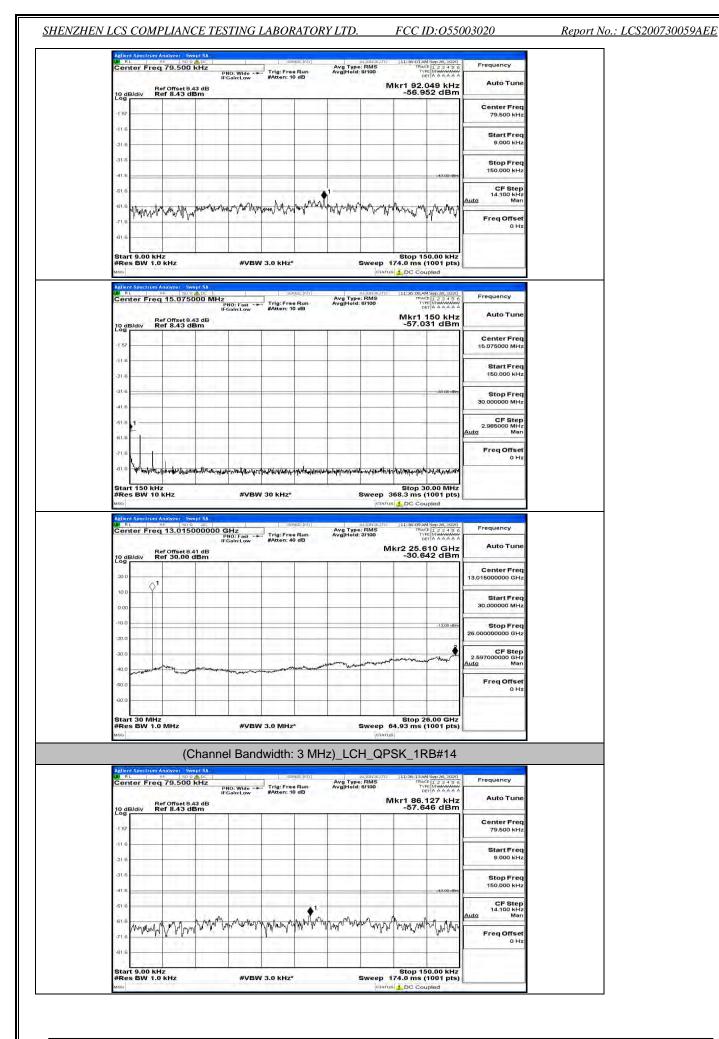


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# **Channel Bandwidth: 3 MHz**



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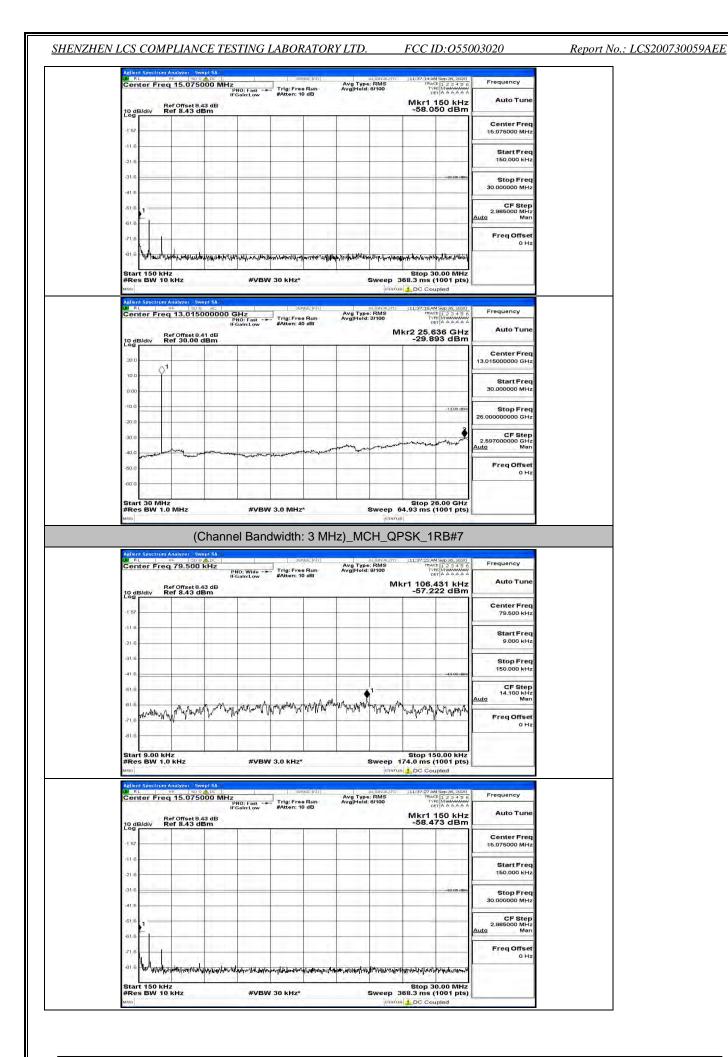


Aellent Spectrum Analyzer - Swept S M RL RF S0 2 (AD Center Freq 15.075000	MHz	Sense Ini Avg Tyj ree Run Avg Hol	e: RMS	36:18 AM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MWAAWAAA	Frequency
Ref Offset 8.43 d 10 dB/div Ref 8.43 dBm	IFGain:Low #Atter	n: 10 dB	м	kr1 150 kHz 55.567 dBm	Auto Tune
-1 57					Center Freq 15.075000 MHz
-21.6					Start Freq 150.000 kHz
-31.6				-33:00 dBm	Stop Freq 30.000000 MHz
-416					CF Step 2.985000 MHz <u>Auto</u> Man
States and the second s		1 10.01		a beating of	Freq Offset
Start 150 kHz #Res BW 10 kHz Milo Aellent Spectrum Analyzer Swept 5	namualik/hmanalaananana #VBW 30 kH	Z*	Sweep 368.3	top 30.00 MHz 3 ms (1001 pts) DC Coupled	
dis with an Angel Angel Angel Start 150 KHz #Res BW 10 KHz and Added Section Analyze Second Contor Freq 13,015000 Bef Offset 841 d	#VBW 30 kH	2012-2020 12/C-3	Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2	top 30.00 MHz ms (1001 pts) C Coupled	Frequency Auto Tune
401.6     401.4 <td< td=""><td>#VBW 30 kH</td><td>stewse: Int ]</td><td>Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2</td><td>top 30.00 MHz 3 ms (1001 pts) DC Coupled Coupled TACC 12345 6 TACC 12345 6 TACC 12345 6</td><td>Frequency Auto Tune</td></td<>	#VBW 30 kH	stewse: Int ]	Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2	top 30.00 MHz 3 ms (1001 pts) DC Coupled Coupled TACC 12345 6 TACC 12345 6 TACC 12345 6	Frequency Auto Tune
Allen Spectrum Andrew Start 150 KHz #Res BW 10 KHz Moo Adleni Spectrum Andrew Towers Center Freq 13,015000 10 dB/div Ref 000set 841 d Log	#VBW 30 kH	stewse: Int ]	Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2	top 30.00 MHz ms (1001 pts) C Coupled	Frequency Auto Tune Center Freq
dis viry and August Aug	#VBW 30 kH	stewse: Int ]	Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2	top 30.00 MHz ms (1001 pts) C Coupled	Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq
-61.6     -41.4 <td< td=""><td>#VBW 30 kH</td><td>stewse: Int ]</td><td>Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2</td><td>top 30.00 MHz ins (1001 pts) CC Coupled 2021 AM Sep 30,000 more 1/2 20 150 reprint A A A A A 25,714 GHz 30,555 dBm</td><td>Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq</td></td<>	#VBW 30 kH	stewse: Int ]	Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2	top 30.00 MHz ins (1001 pts) CC Coupled 2021 AM Sep 30,000 more 1/2 20 150 reprint A A A A A 25,714 GHz 30,555 dBm	Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq
41.6     41.4 <td< td=""><td>#VBW 30 kH</td><td>stewse: Int ]</td><td>Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2</td><td>top 30.00 MHz ms (1001 pts) CC Cupled Coupled</td><td>Frequency Auto Tune Center Freq 30.0500000 GHz Stort Freq 30.0000000 GHz 25.09000000 GHz 2.59700000 GHz</td></td<>	#VBW 30 kH	stewse: Int ]	Sweep 368.3 status status seconduro 11: se: RMS d: 3/100 Mkr2	top 30.00 MHz ms (1001 pts) CC Cupled Coupled	Frequency Auto Tune Center Freq 30.0500000 GHz Stort Freq 30.0000000 GHz 25.09000000 GHz 2.59700000 GHz

Frequency	Sep 26, 2020	TRACE	RMS	Avg Type Avg Hold:	Run		PNO: Wide -+		Center Freq 79.
Auto Tune		Akr1 90.3			) dB	#Atten: 10	FGain:Low	rset 8.43 dB .43 dBm	
Center Freq 79.500 kHz									1 57
Start Freq 9.000 kHz									21.6
Stop Freq 150.000 kHz	-13.00 (Bm								41.6
CF Step 14.100 kHz Ito Man									-61.6
Freq Offset 0 Hz	May man	now Anglait	nonyour	white	m ll la h	MrMm	nnnmann	ar www.www.ww	1.6 71.6 WMWWWWW
			-						61.6

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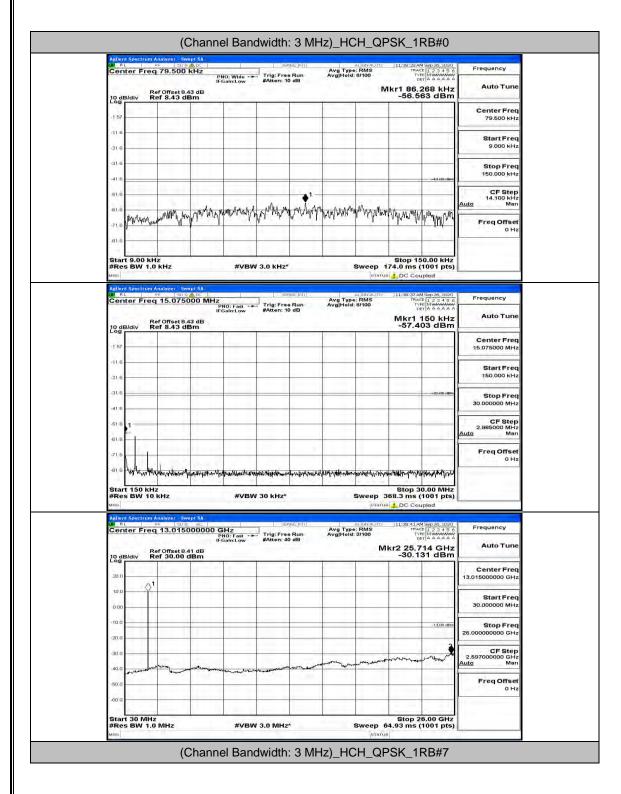


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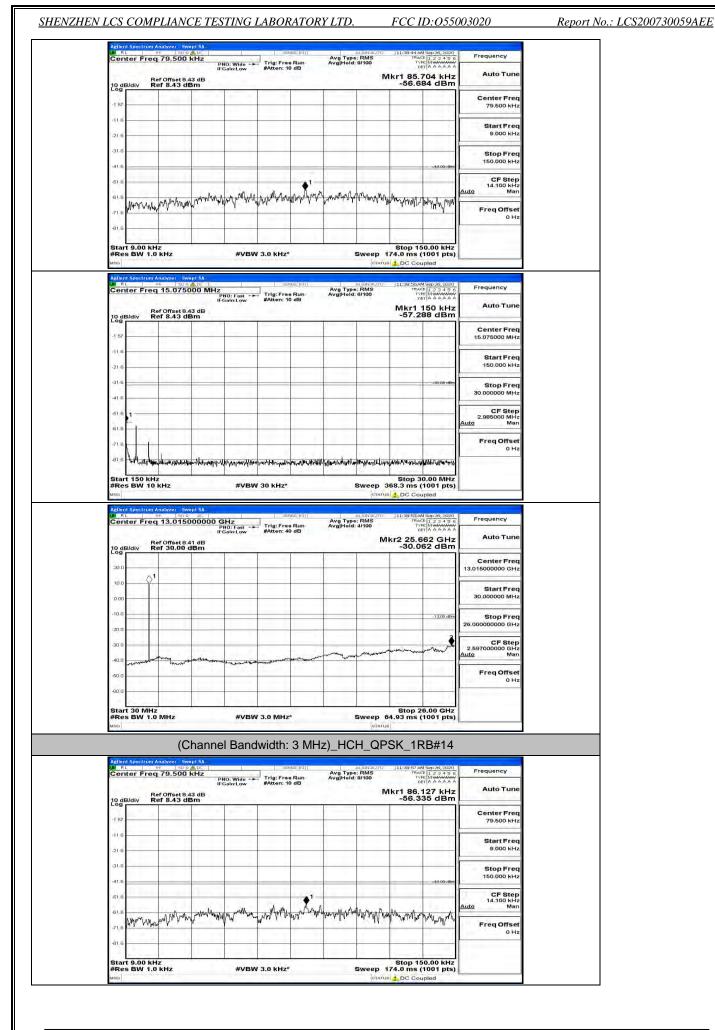
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Report No.: LCS200730059AEE

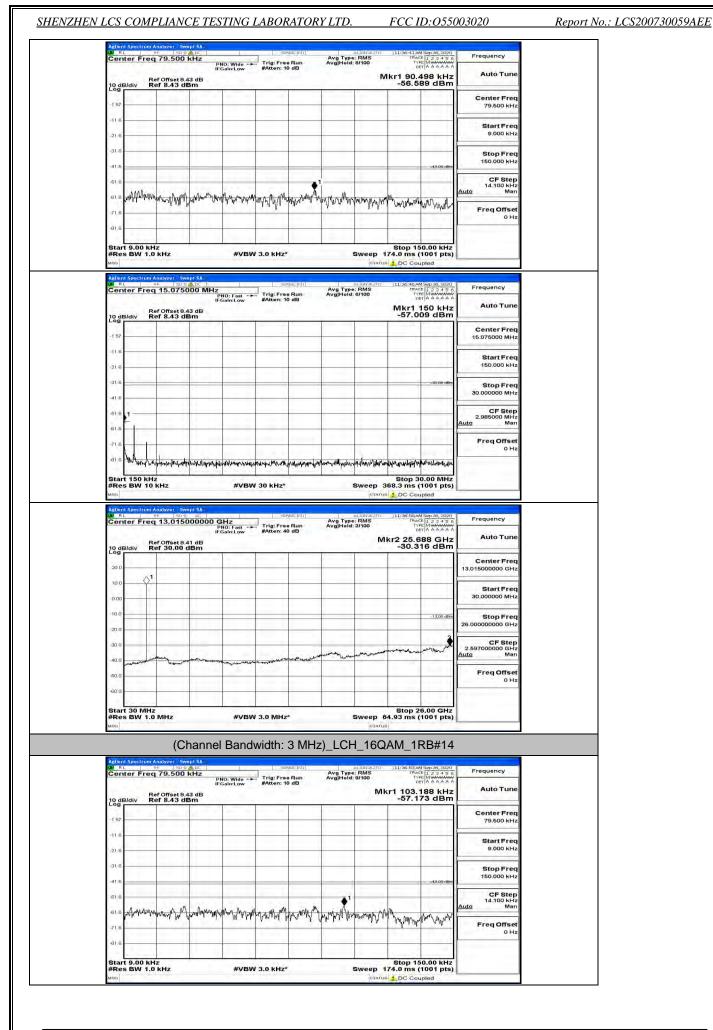
Auto Tun	r1 150 kHz 7.111 dBm	Mkr -57.		#Atten: 10 dB	dB n	ef Offset 8.43 ef 8.43 dBn	Ndiv Re	10 dE
Center Fre 15.075000 MH						11	1.	-1 57
Start Free 150.000 kH								-11.6
Stop Free 30.000000 MH	-33:80 dBm						_	-31.6 -41.6
CF Step 2.985000 MH Auto Mar	-						1	-61.6
FreqOffset								-61.6
	p 30.00 MHz ns (1001 pts)	Sweep 368.3 ms	5	/ 30 kHz*	#VB\ #C 0000 GHz PN0: Fast ==	z	150 kHz BW 10 H	-81.6 Start #Res MSO
0 H2	p 30.00 MHz ns (1001 pts) Coupled	Stop Sweep 368.3 ms (status) & DC C (status) &	Avg Type	/ 30 kHz*	#VBI	Z KHZ Analyzer Swept	150 kHz BW 10 k Spectrum At er Freq Re	-81,6 Start #Res MSO Agilen W RL Cen
0 Hz	p 30.00 MHz ns (1001 pts) Coupled	Stop Sweep 368.3 ms (status) & DC C (status) &	Avg Type	/ 30 kHz*	#VBI	z kHz Maalyzer Swept #F 50 S 13.01500	150 kHz BW 10 k Spectrum At er Freq Re	-81.6 Start #Res MSO Acilem
Frequency Auto Tune Center Freq	p 30.00 MHz ns (1001 pts) Coupled	Stop Sweep 368.3 ms (status) & DC C (status) &	Avg Type	/ 30 kHz*	#VBI	z kHz Maalyzer Swept #F 50 S 13.01500	Spectrum Ar	-81.6 Start #Res MSG Action W RL Cen
Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq	p 30.00 MHz ns (1001 pts) Coupled	Stop Sweep 368.3 ms (status) & DC C (status) &	Avg Type	/ 30 kHz*	#VBI	z kHz Maalyzer Swept #F 50 S 13.01500	Spectrum Ar	-81.6 Stari #Res Action 20.0 20.0 10.0 0.00
Frequency Auto Tunc Center Frec 13.015000000 GHz Start Frec 30.000000 MHz Stop Frec	p 30.00 MHz ns (1001 pts) Coupled The service of the service of th	Stop Sweep 368.3 ms (status) & DC C (status) &	Avg Type	/ 30 kHz*	#VBI	z kHz Maalyzer Swept #F 50 S 13.01500	Spectrum Ar	-81,6 Stari #Res #Res Actem 10 dE 20 0 10 0 0.00

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Report No.: LCS200730059AEE

Aglient Spectrum Analyzer - Swe	hannel Bandwidth: 3			
Center Freq 79.500 I	KHZ PNO: Wide Trig: Free Ru IFGain:Low #Atten: 10 dB	Avg Type: RMS n Avg Hold: 9/100	11:36:29 AM Sep 26, 3020 TRACE 1 2 3 4 5 6 TYPE MWAWAWAY DET A A A A A A	Frequency
10 dB/div Ref Offset 8.4 Log	3 dB 3m	Mk	r1 16.191 kHz -55.392 dBm	Auto Tune
-1 57				Center Freq 79.500 kHz
-11.6			_	StartFreq
-21.6				9.000 KHz
-31.6				Stop Freq 150.000 kHz
-41.6			-43.00 (Bm	CF Step 14.100 kHz
are phy how many that	are while to prove the second share the second share a second share a second second share the second s	War mound how how when which a	M. M. A. M.	Auto Man
-71.6 VI VIII	a the second here the	ar tour bear Au w	Man line habiti. Moulialit	Freq Offset 0 Hz
-81.6				
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*	Sweep 174	Stop 150.00 kHz 1.0 ms (1001 pts)	
MSG Agilent Spectrum Analyzet Swe	opt SA		DC Coupled	
Center Freq 15.0750	A DC SENSE:	Avg Type: RMS n Avg Hold: 8/100	11:36:34 AM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWW DET A A A A A A	Frequency
Ref Offset 8.4 10 dB/div Ref 8.43 dE			Mkr1 150 kHz -57.496 dBm	Auto Tune
-1 57				Center Freq 15.075000 MHz
-11.6				7.7.7.07.7.00.7.a.
-21.6			_	Start Freq 150.000 kHz
-31.6			-33:00 dBm	Stop Freq 30.000000 MHz
•41,6				CF Step
-61.6				2.985000 MHz Auto Man
-71,6	in the second			Freq Offset 0 Hz
-81.6 Without man Unge harring miles	or strand manual term to an an an and the strand an	hunderhaden war and the state of the state o	themperalter the second and the second	
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Sweep 361	Stop 30.00 MHz 3.3 ms (1001 pts)	-
MBG			DC Coupled	
Aglient Spectrum Analyzer Swe W RL PF 1900 Center Freq 13.0150	AC SENSE:	Avg Type: RMS	11:30:37 AM Sep 20, 2020 TRACE 1 2 3 4 5 6 TYPE MUMUMUMU DET A A A A A A	Frequency
Ref Offset 8.4 10 dB/div Ref 30.00 d	IFGain:Low #Atten: 40 dB		2 25.688 GHz	Auto Tune
Log	Bm		-30.153 dBm	Center Freq
20 0 10 0 0				13.015000000 GHz
0.00				Start Freq 30.000000 MHz
-10.0			-13,00 stbin	Stop Freq
-20.0			2	26.000000000 GHz
-30.0			mannon	CF Step 2.597000000 GHz Auto Man
-40.0	and and the second s			Freq Offset
550				0 Hz
-60.0				
-60.0 Start 30 MHz			Stop 26.00 GHz	

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LW RL	Freq 15.075000	MHz PNO: East	sense:Inir  Trig: Free Run	Avg Type: RMS Avg Hold: 8/100	11:36:58 AM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency
10 dB/div	Ref Offset 8.43 dB Ref 8.43 dBm	IFGain:Low 4	¥Atten: 10 dB		Mkr1 150 kHz -58.492 dBm	Auto Tun
-1 57						Center Fre 15.075000 MH
-21.6						Start Fre 150.000 kH
-31.6					-33.00 dBm	Stop Free 30.000000 MH
-61.6 - <mark>1</mark>						CF Ster 2.985000 MH <u>Auto</u> Ma
-61.6	1					Freq Offse 0 H
	Colored and the state	weider in advance insurfrontation	newmanymater	สายสาวประการทางสายสาวารระบารการการการการการการการการการการการการกา	dentrikation halder per and interview of pe	
Start 150 #Res BV		#VBW 3	0 kHz*		Stop 30.00 MHz 368.3 ms (1001 pts)	
R RL	Freq 13.0150000	000 GHz	sense:mir	Aug Type: RMS Avg Hold: 3/100	11:37:02 AM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MWANAWA DET A A A A A	Frequency
	Ref Offset 8.41 dB Ref 30.00 dBm	IFGain:Low I	Atten: 40 dB	al a carrier	<sub>067</sub> معمد معمد Wkr2 25.636 GHz -29.978 dBm	Auto Tun
20.0						Center Free 13.015000000 GH
20.0	o1					
10.0	Q <sup>1</sup>					Start Free 30.000000 MH

#VBW 3.0 MHz\*

20

30 40.

-50 -60

Start 30 MHz #Res BW 1.0 MHz

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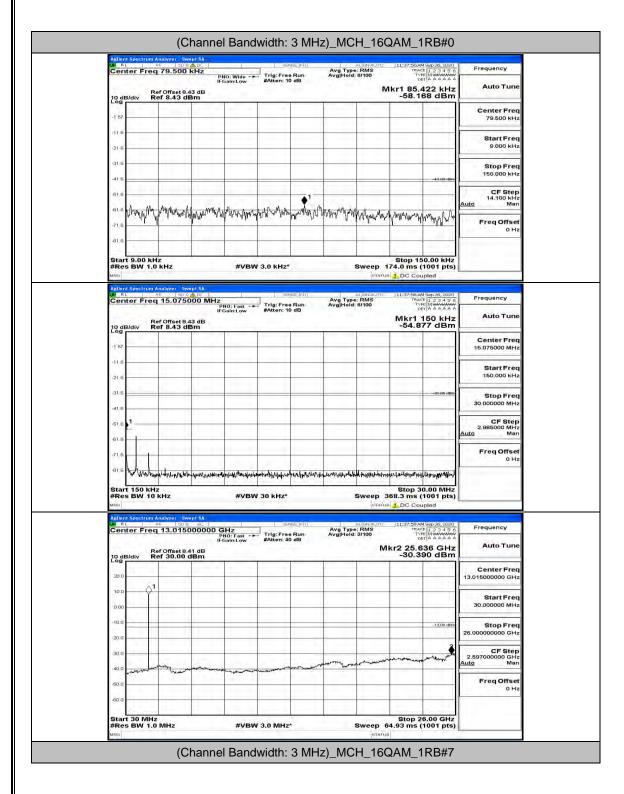
Report No.: LCS200730059AEE

CF Step 2.597000000 GHz

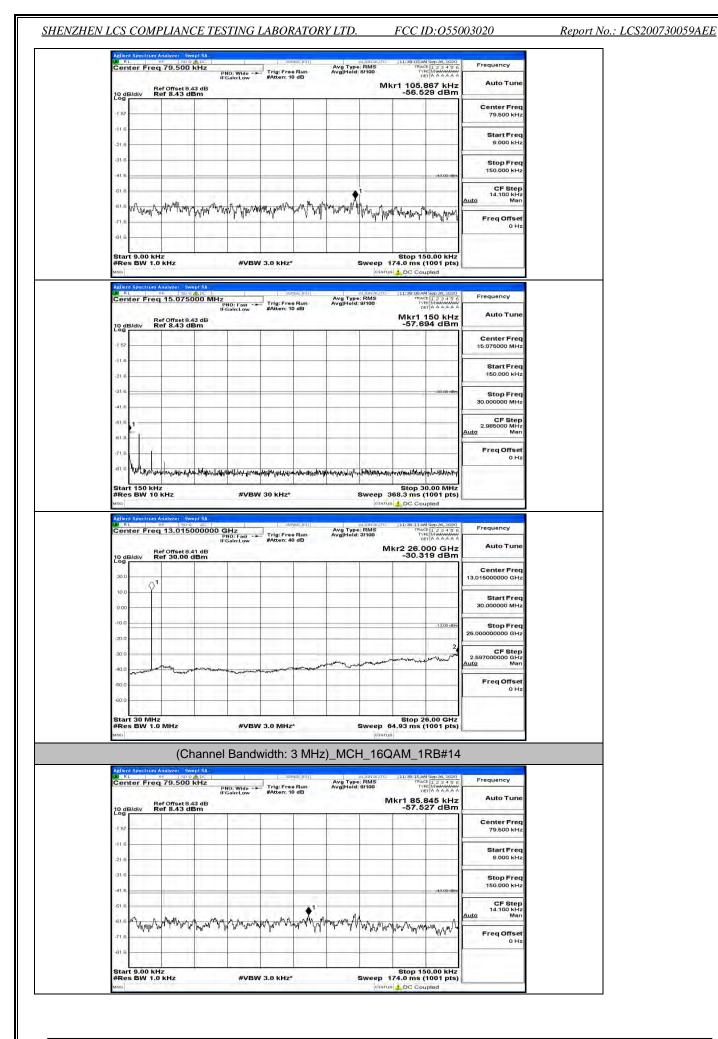
Freq Offset 0 Hz

Stop 26.00 GHz Sweep 64.93 ms (1001 pts)

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