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

Appendix F: Test Data for E-UTRA Band 12

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

F.1 Conducted Output Power

	C		Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)								
	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/ordiat					
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict					
		1	0	23.52	22.47	PASS					
		1	3	23.55	22.48	PASS					
		1	5	23.54	22.49	PASS					
	LCH	3	0	23.35	22.34	PASS					
		3	2	23.35	22.30	PASS					
		3	3	23.24	22.32	PASS					
		6	0	22.46	21.57	PASS					
		1	0	23.93	22.66	PASS					
		1	3	23.91	22.75	PASS					
		1	5	23.89	22.58	PASS					
QPSK / 16QAM	MCH	3	0	23.83	22.83	PASS					
TOQAIN		3	2	23.91	22.85	PASS					
		3	3	23.87	22.72	PASS					
		6	0	22.97	22.12	PASS					
		1	0	24.89	24.00	PASS					
		1	3	24.90	23.99	PASS					
		1	5	24.82	23.87	PASS					
	НСН	3	0	24.74	24.02	PASS					
		3	2	24.80	24.05	PASS					
		3	3	24.82	24.09	PASS					
		6	0	23.75	22.72	PASS					

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		Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict			
		1	0	22.74	21.68	PASS			
		1	7	22.71	21.67	PASS			
		1	14	22.30	21.26	PASS			
	LCH	8	0	22.33	21.43	PASS			
		8	4	22.22	21.33	PASS			
		8	7	22.03	21.15	PASS			
		15	0	22.18	21.19	PASS			
		1	0	23.66	23.03	PASS			
		1	7	24.32	23.74	PASS			
QPSK /		1	14	24.23	23.33	PASS			
16QAM	MCH	8	0	22.99	21.93	PASS			
TOQAM		8	4	23.11	22.21	PASS			
		8	7	23.18	22.32	PASS			
		15	0	23.13	22.07	PASS			
		1	0	24.83	24.05	PASS			
		1	7	24.98	24.56	PASS			
		1	14	24.36	24.03	PASS			
	НСН	8	0	23.94	23.17	PASS			
		8	4	23.95	22.99	PASS			
		8	7	23.93	22.94	PASS			
		15	0	23.93	23.02	PASS			

		Conducte	d Output Pov	ver Test Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict
wodulation	Channel	Size	Offset	QPSK	16QAM	verdict
		1	0	22.40	21.54	PASS
		1	12	22.26	21.43	PASS
		1	24	22.15	21.39	PASS
	LCH	12	0	22.11	21.17	PASS
		12	6	21.94	21.02	PASS
		12	13	21.79	20.88	PASS
		25	0	21.90	20.95	PASS
		1	0	23.04	22.23	PASS
		1	12	24.30	23.51	PASS
QPSK /		1	24	23.90	22.95	PASS
16QAM	MCH	12	0	22.99	21.93	PASS
IOQAIVI		12	6	23.21	22.26	PASS
		12	13	23.18	22.22	PASS
		25	0	23.06	22.22	PASS
		1	0	23.84	22.82	PASS
		1	12	24.98	23.26	PASS
		1	24	24.55	23.36	PASS
	НСН	12	0	23.61	22.51	PASS
		12	6	23.84	22.69	PASS
		12	13	23.84	22.84	PASS
		25	0	23.77	22.86	PASS

		Conducted	Output Pow	ver Test Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict
wouldtion	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	21.65	20.92	PASS
		1	24	22.49	21.78	PASS
		1	49	23.49	22.79	PASS
	LCH	25	0	21.77	20.75	PASS
		25	12	22.50	21.47	PASS
		25	25	23.34	22.34	PASS
		50	0	22.53	21.55	PASS
		1	0	21.43	20.35	PASS
		1	24	24.17	23.50	PASS
QPSK /		1	49	23.28	22.57	PASS
16QAM	MCH	25	0	22.87	21.85	PASS
IOQAIN		25	12	23.41	22.30	PASS
		25	25	23.24	22.28	PASS
		50	0	23.09	22.12	PASS
		1	0	23.11	22.52	PASS
		1	24	24.12	23.54	PASS
		1	49	24.20	23.66	PASS
	HCH	25	0	23.32	22.44	PASS
		25	12	23.48	22.49	PASS
		25	25	23.71	22.68	PASS
		50	0	23.50	22.57	PASS

F.2 Peak-to-Average Ratio

Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
MODULATION	Modulation		[dB]	Verdict	
	LCH	5.53	<13	PASS	
QPSK	MCH	5.32	<13	PASS	
	НСН	4.57	<13	PASS	
	LCH	6.43	<13	PASS	
16QAM	MCH	6.29	<13	PASS	
	НСН	5.51	<13	PASS	

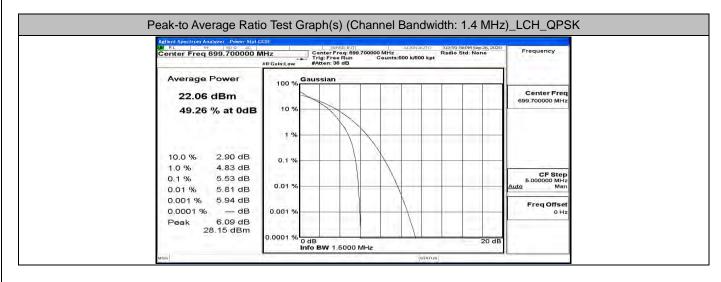
Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
wouldton	Channel	[dB]		Verdict	
	LCH	5.4	<13	PASS	
QPSK	MCH	5.37	<13	PASS	
	НСН	4.95	<13	PASS	
	LCH	6.54	<13	PASS	
16QAM	MCH	6.31	<13	PASS	
	НСН	5.75	<13	PASS	

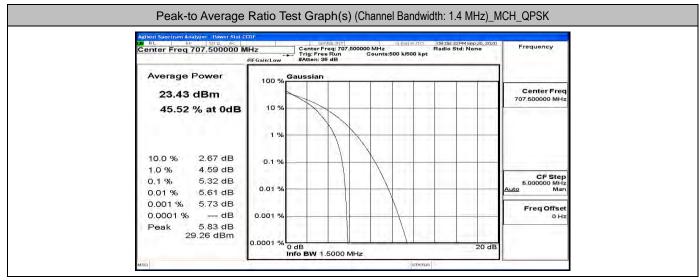
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
Modulation	Channel	[dB]		Verdict	
	LCH	5.64	<13	PASS	
QPSK	MCH	5.3	<13	PASS	
	НСН	5.06	<13	PASS	
	LCH	6.39	<13	PASS	
16QAM	MCH	6.19	<13	PASS	
	HCH	5.86	<13	PASS	

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Peak-to-Average Ratio Lir		Verdict	
wouldtion	Modulation Charmer		[dB]	Verdict	
	LCH	5.75	<13	PASS	
QPSK	MCH	5.23	<13	PASS	
	НСН	5.27	<13	PASS	
	LCH	6.31	<13	PASS	
16QAM	MCH	6.15	<13	PASS	
	НСН	6.12	<13	PASS	

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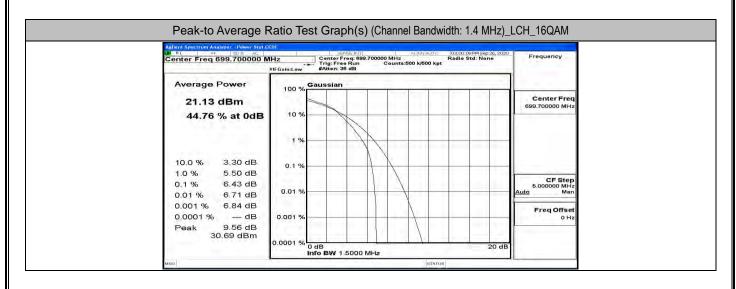


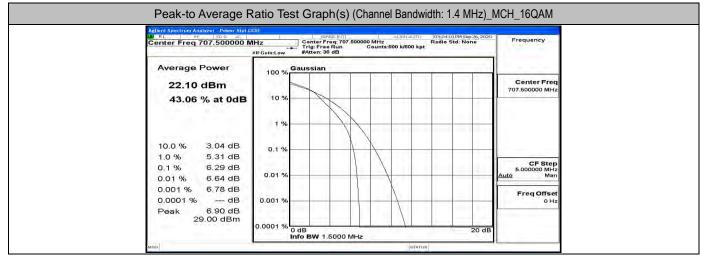


RL RF SDQ AC	SENSE:		103:05:24 PM Sep 26, 2020	
Center Freq 715.300000	MHz Center Freq #IFGain:Low #Atten: 36 dl	: 715.300000 MHz un Counts:500 k/500 kpt	Radio Std: None	Frequency
Average Power	100 % Gaussian			
24.03 dBm				Center Freq 715.300000 MHz
49.03 % at 0dB	10 %			
	1 %			
10.0 % 2.58 dB	0.1 %			
1.0 % 4.07 dB 0.1 % 4.57 dB 0.01 % 4.78 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.001 % 4.88 dB				Freq Offset
0.0001 % dB	0.001 %			0 Hz

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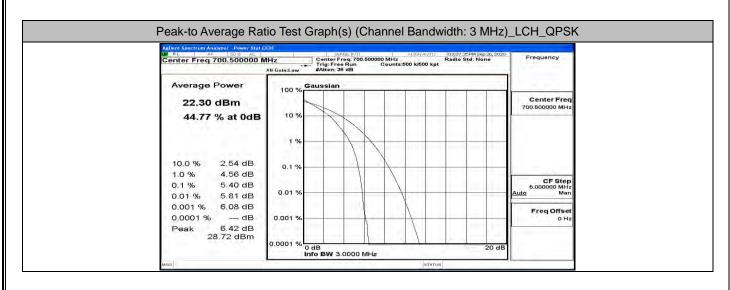


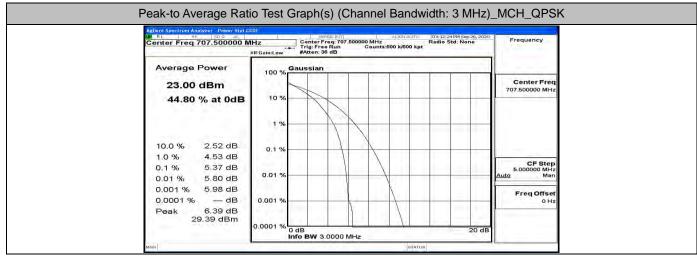


enter Freq 715.300000 M	SENSE:INT	ALIGNAUTO	03:05:33 PM Sep 26, 2020	Frequency
the set of	Trig: Free Run	6.300000 MHz Counts:500 k/500 kpt	Radio Std: None	in statutey
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	#IFGain:Low #Atten: 36 dB			
Average Power	100 % Gaussian			
22.86 dBm				Center Freq 715.300000 MHz
45.09 % at 0dB	10 %			, 10.00000 Mil 12
Holde /S at Sub	V			
	1%			
	,		1	
10.0 % 3.01 dB				
1.0 % 4.79 dB	0.1 %			
0.1 % 5.51 dB	1.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1			CF Step 5.000000 MHz
0.01 % 5.75 dB	0.01 %			<u>Auto</u> Man
0.001 % 5.89 dB				Freq Offset
0.0001 % dB	0.001 %			0 Hz
Peak 5.93 dB	A part of the second se			
28.79 dBm	0.0001 % 0 dB			
	0 dB Info BW 1.5000	- 10 1	20 dB	

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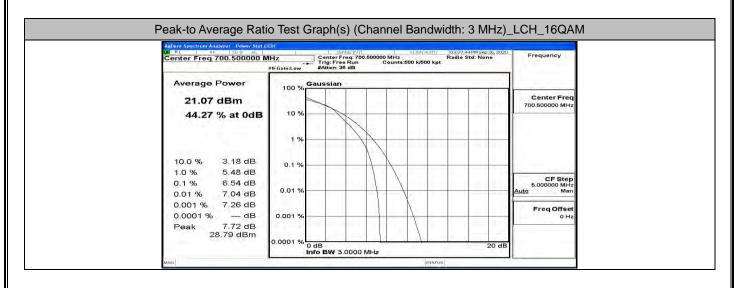


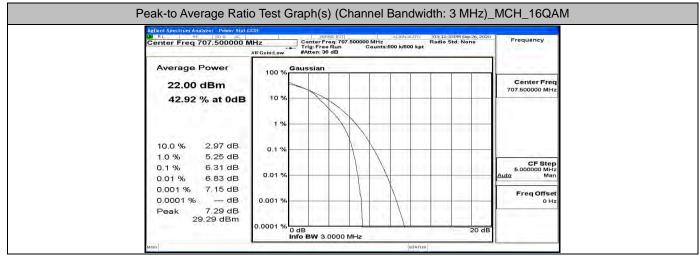


Center Freq 714.500000 MHz Center Freq 714.500000 MHz Radio Std: None Average Power 23.77 dBm 6aussian Center Freq 714.500000 MHz Center Freq 714.500000 MHz Average Power 23.77 dBm 100 % Gaussian Center Freq 714.500000 MHz Center Freq 714.500000 MHz 100 % 6aussian 0.00 % Center Freq 714.500000 MHz Center Freq 714.500000 MHz 100 % 10 % 0.01 % 0.1 % Center Freq 714.500000 MHz Center Freq 714.500000 MHz 10.0 % 2.50 dB 0.1 % 0.01 % 0.01 % CF Step 5.000000 MHz 0.01 % 0.01 % 0.01 % 0.01 % 0.01 % CF Step 5.00000 MHz 0.001 % 5.44 dB 0.001 % 0.01 % 0.01 % 0.01 % 0.01 %	RL RF 50 Q AC	IGD F	SENSE:INT	ALIGNAUT		1
23.77 dBm 100 % Center Freq 46.58 % at 0dB 10 % 10 % 714.500000 MHz 10.0 % 2.50 dB 10 % 1 % 714.500000 MHz 10.0 % 2.50 dB 0.1 % 5.000000 MHz 6.57 Step 0.01 % 5.29 dB 0.01 % 6.01 % 6.01 % 0.001 % 5.44 dB 0.01 % 6.001 % 6.001 %	Center Freq 714.500000 N	T	enter Freq: 714.500 rig: Free Run	000 MHz Counts:500 k/500 k	Radio Std: None	Frequency
23.77 dBm Center Freq 46.58 % at 0dB 10 % 10.0 % 2.50 dB 1.0 % 1 % 10.0 % 2.50 dB 0.1 % 0.1 % 0.01 % 5.29 dB 0.01 % 0.01 % 0.001 % 5.44 dB 0.000 % 0.001 %	Average Power	100 % Gau	ssian			
10.0 % 2.50 dB 0.1 % 10.0 % 2.50 dB 0.1 % 10.0 % 4.95 dB 0.1 % 0.01 % 5.29 dB 0.01 % 0.001 % 5.44 dB 0.001 % 0.0001 % - dB 0.001 %						
10.0 % 2.50 dB 0.1 % 1.0 % 4.27 dB 0.1 % 0.1 % 4.95 dB 0.01 % 0.01 % 5.29 dB 0.01 % 0.001 % 5.44 dB 0.001 % 0.000 % - dB 0.001 %	46.58 % at 0dB	10 %				
10.0 % 2.50 dB 0.1 % 1.0 % 4.27 dB 0.1 % 0.1 % 4.95 dB 0.1 % 0.01 % 5.29 dB 0.01 % 0.001 % 5.44 dB 0.001 % 0.0000 // % - dB 0.001 %		1 %				
0.1 % 4.95 dB 0.01 % 5.29 dB 0.01 % 0.001 %	10.0 % 2.50 dB	0.1 %	$ \rangle $			
0.001% 5.29 dB 0.001% 5.44 dB 0.0001% dB 0.001%	0.1 % 4.95 dB	0.01 %				5.000000 MHz
0.0001 % dB 0.001 % 0 Hz				X		
	0.0001 % dB Peak 5.61 dB	0.001 %				

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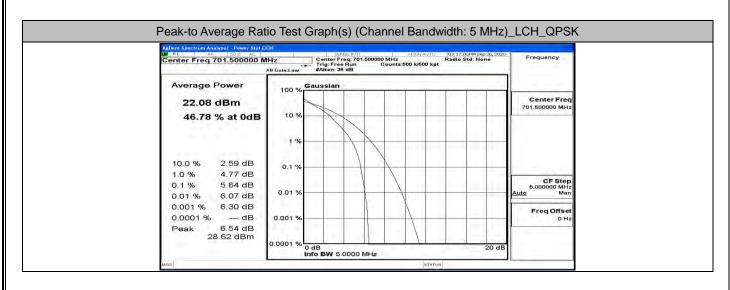


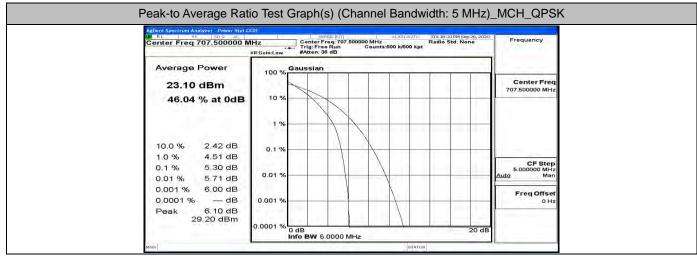


N RL RE 50 Q AC	CCDF SENSE INT ALIGN A	UTO 103:14:58 PM Sep 26, 2020	1
Center Freq 714.500000		Radio Std: None	Frequency
			1
Average Power	100 % Gaussian		
22.89 dBm			Center Freq 714.500000 MHz
43.94 % at 0dB	10 %		
and the commence of the			
	1 %		
1.111			
10.0 % 2.95 dB	0.1 %		
1.0 % 4.92 dB			CF Step
0.1% 5.75 dB	0.01 %		5.000000 MHz Auto Man
0.01 % 6.13 dB			
0.001 % 6.39 dB 0.0001 % dB	0.001 %		Freq Offset 0 Hz
Peak 6.71 dB			0 112
29.60 dBm	and the second sec	the second se	
	0.0001 % 0 dB	20 dB	

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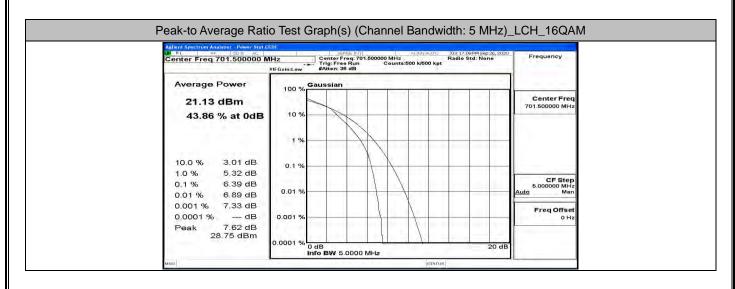


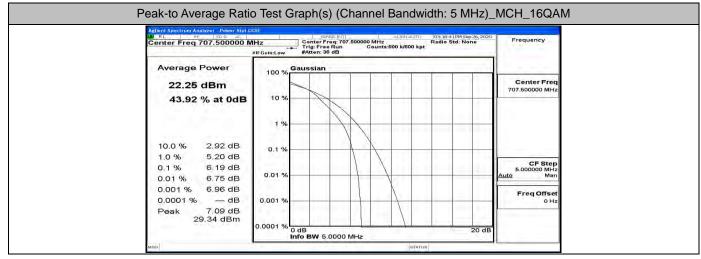


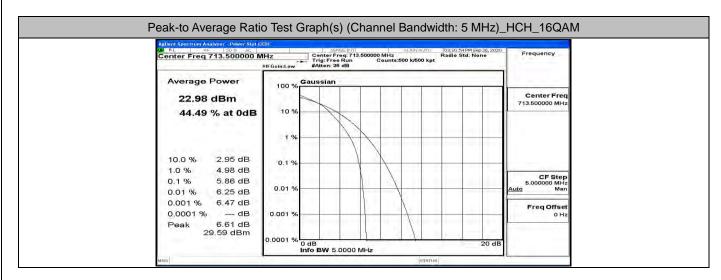
LW RL RF SDQ AC		SENSE:INT	ALIGN A	JTO 03:20:4	5 PM Siep 26, 2020	Frequency	
Center Freq 713.500000 M	Trig: F	r Freq: 713.50000 ree Run : 36 dB	0 MHz Counts:500 k/50	Radio S kpt	td: None	(, requertery	
Average Power	Caucela				- 1		
23.74 dBm	100 %					Center Freq 713.500000 MHz	
46.16 % at 0dB	10 %						
1	1 %	XX					
10.0 % 2.44 dB	0.1 %						
1.0 % 4.34 dB 0.1 % 5.06 dB	277 10		\backslash			CF Step 5.000000 MHz	
0.01 % 5.43 dB	0.01 %		\downarrow			Auto Man	
0.001 % 5.66 dB 0.0001 % dB	0.001 %			_		Freq Offset 0 Hz	
Peak 5.69 dB 29.43 dBm					112		
ad lata de	0.0001 % 0 dB	5.0000 MHz		-	20 dB		

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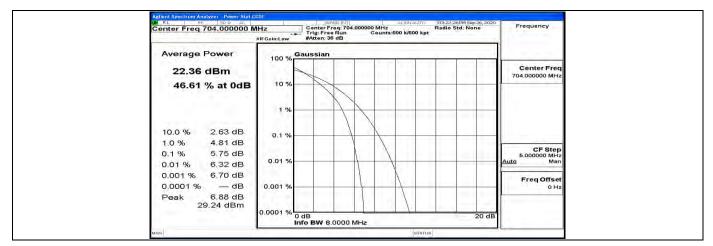




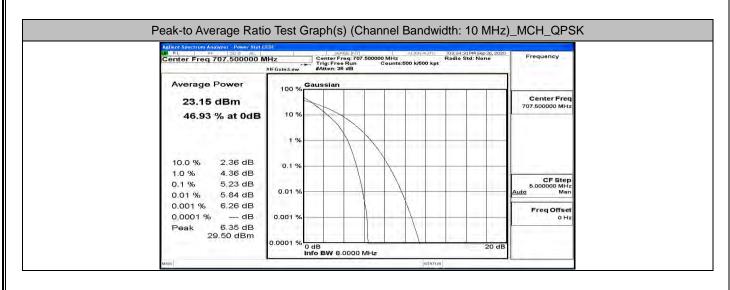
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

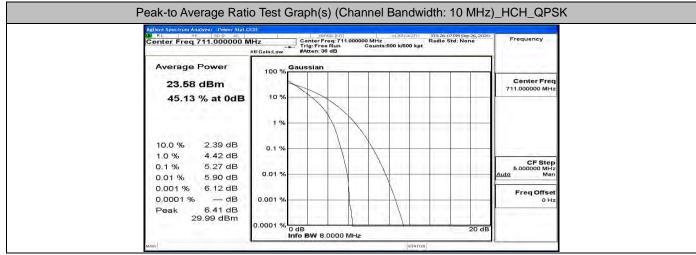
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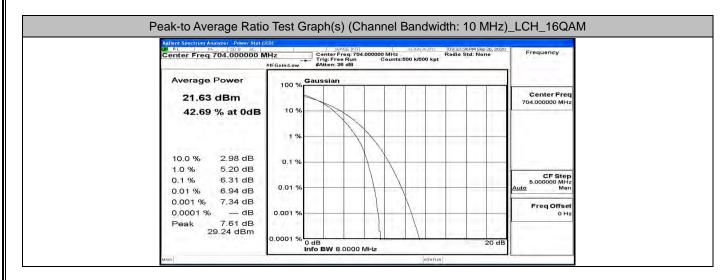
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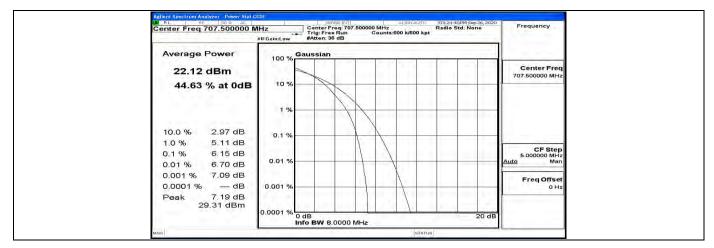


Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM

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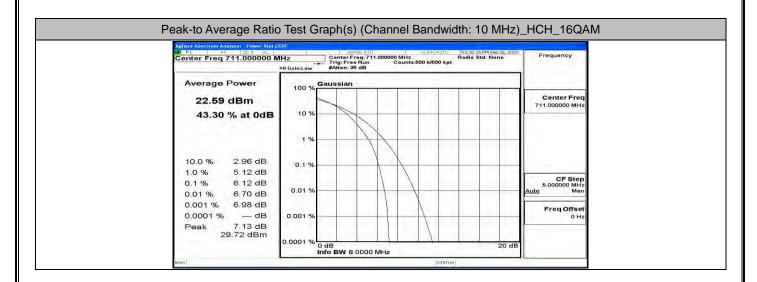
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F.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Te	est Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldtion	Channel	(MHz)	(MHz)	verdict
	LCH	1.0792	1.243	PASS
QPSK	MCH	1.0802	1.232	PASS
	HCH	1.0757	1.254	PASS
	LCH	1.0793	1.238	PASS
16QAM	MCH	1.0805	1.250	PASS
	НСН	1.0784	1.230	PASS

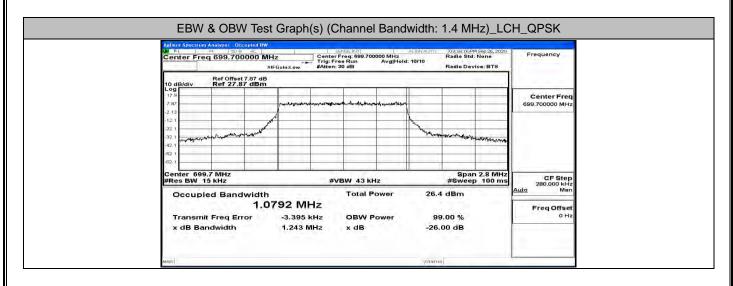
	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	Verdict
	LCH	2.6863	2.886	PASS
QPSK	MCH	2.6785	2.888	PASS
	НСН	2.6770	2.875	PASS
	LCH	2.6821	2.888	PASS
16QAM	MCH	2.6846	2.896	PASS
	НСН	2.6783	2.875	PASS

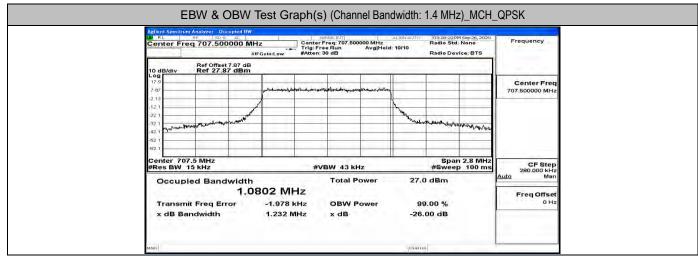
	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wodulation	Channel	(MHz)	(MHz)	Verdici
	LCH	4.4827	4.828	PASS
QPSK	MCH	4.4640	4.790	PASS
	НСН	4.4656	4.781	PASS
	LCH	4.4849	4.839	PASS
16QAM	МСН	4.4670	4.764	PASS
	НСН	4.4613	4.750	PASS

	EBW & OBW Te	est Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Granner	(MHz)	(MHz)	Verdict
	LCH	8.9326	9.557	PASS
QPSK	MCH	8.8880	9.401	PASS
	HCH	8.9288	9.426	PASS
	LCH	8.9360	9.409	PASS
16QAM	MCH	8.9113	9.364	PASS
	HCH	8.9074	9.392	PASS

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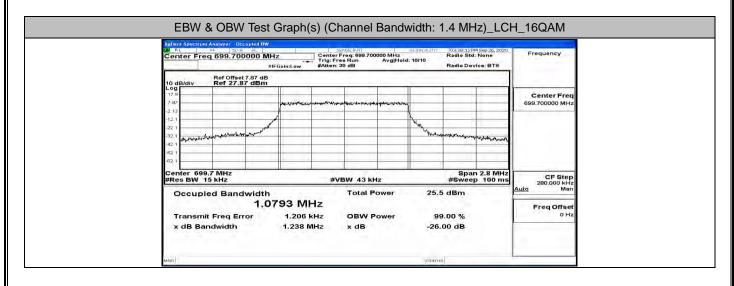


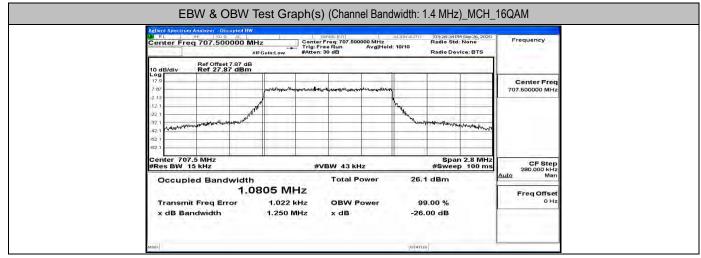


Agilent Spectrum Analyzer - Occupied BW	4	1 557	SE INT		ALIGNAUTO	Inanauran	M Siep 26, 2020		
Center Freq 715.300000 M	IHz #IFGain:Low	Center F	eq: 715.300 Run	Frequency					
10 dB/div Ref Offset 7.87 dB Ref 27.87 dBm									
17.9 7.87	Janon y majerity		act to the second	at most worth these				Center Freq 715.300000 MHz	
-2.13 -12.1 -22.1	por la				4 may		-		
-32.1 Manananana Parta Joan Ingenter					Martin .	<mark>፞፞</mark> ՟֎ՠ֍֎՟ֈ֎՟ՠ֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎ՠ֎֎	Barbargeterfactopathy		
-62.1		_							
Center 715.3 MHz #Res BW 15 kHz		#VE	W 43 KH	z		Spar #Swee	n 2.8 MHz p 100 ms	CF Step 280.000 kHz	
Occupied Bandwidth	0757 MH	in i	Total Po	ower	28.	l dBm		<u>Auto</u> Man	
Transmit Freq Error	-2.854 k		OBW Power		99.00 %			Freq Offset 0 Hz	
x dB Bandwidth	1.254 M	Hz	x dB		-26.	00 dB			

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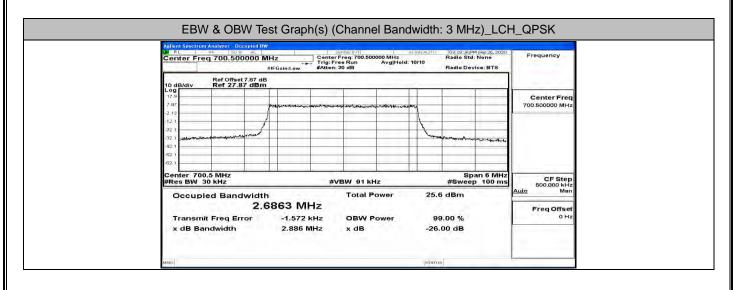


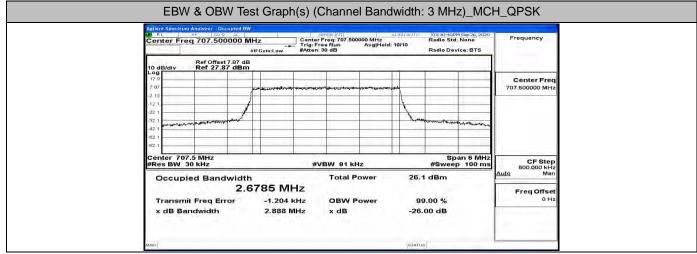


M SEMSE INT ALIGNAUTO 03:20:06 PM Sep 26, 2020 Center Freq 715.300000 MHz Center Freq: 715.300000 MHz Radio Std: None										
15.3	5.300000 A	MHz /g Hold	> 10/10		td: None evice: BTS	Frequency				
		_	L.C.							
	-			-		Center Freq 715.300000 MHz				
			X							
_			me have	Mappin Barrows	-valleboursetrations					
_			-	1	and another platents					
_										
3 1	8 kHz	_			an 2.8 MHz ep 100 ms	CF Step 280.000 kHz				
al	I Powe	er	26.	8 dBm		<u>Auto</u> Man				
OBW Power 99.00 %			Freq Offset 0 Hz							
в			-26	.00 dB						

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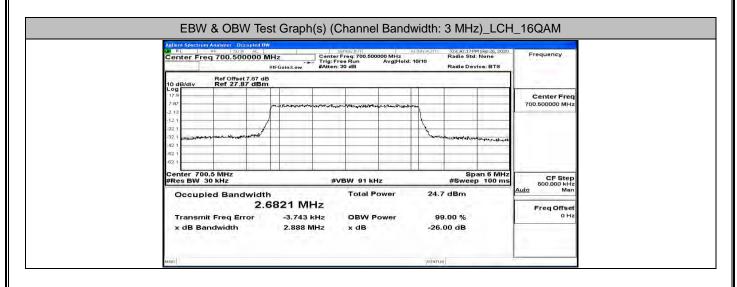


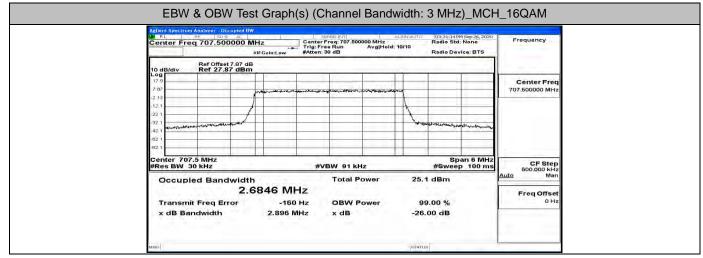


Center Freq 714,50000 MHz Center Freq 714,60000 MHz Radio Stati None #UFGain:Low #Atten: 30 dB Radio Device: BTS											
Ref Offset 7.87 d 10 dB/div Ref 27.87 dBr					-						
17.9 7.87	maryhaman	naye by manufa		n-matine postar	-			Center Freq 714.500000 MHz			
-2.13 -12.1 -22.1 -32.1 -32.1					1 hours	-	mennestra				
-42 1 -62 1											
Center 714.5 MHz #Res BW 30 kHz		#VE	3W 91 kHz	è		Sp: #Sweep	an 6 MHz 5 100 ms	CF Step 500.000 kHz			
Occupied Bandwidt	h 6770 MI	in i	Total Pov	wer	27.	1 dBm		<u>Auto</u> Man			
. Transmit Freq Error x dB Bandwidth	-4.380 I	kHz	OBW Por	wer		9.00 % 00 dB		Freq Offset 0 Hz			

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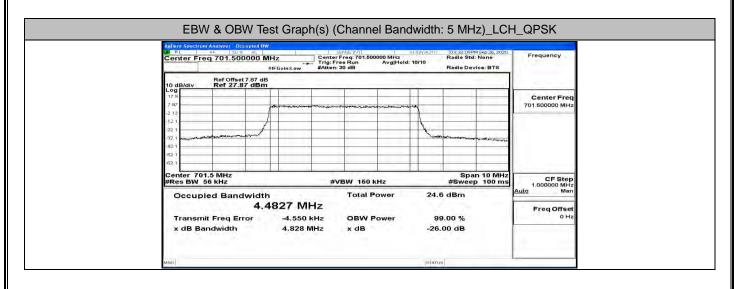


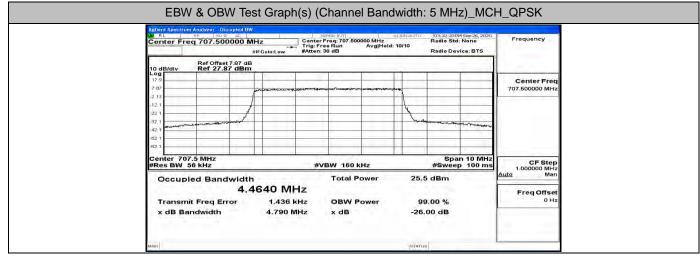


RL ** 150 ° AC J strikilitit ALL02/ALUTO 002311534M Sep 26, 2020 Center Freq 714.500000 MHz Center Freq 714.500000 MHz Radio Stdi None Trigi Free Run Avg Held: 10/10 #//EGainti.nv #//#Genen: 30 dB Radio Device: BTS Radio Device: BTS											
	#IFGain:Low	#Atten: 3	o dB	10.00	10.00	Radio De	vice: BTS				
Ref Offset 7.87 d 10 dB/div Ref 27.87 dBn Log	в л										
7 87	man	have as the second	alter alerade for the	www.pressiona	res.			Center Freq 714.500000 MHz			
-2.13	1										
-22 1					1		5				
4211 ridesprot marine hore water at						and the reason where a	the party in the same				
-62.1				-			-				
Center 714.5 MHz #Res BW 30 kHz		#V	BW 91 K	łz	_		an 6 MHz p 100 ms	CF Step 500.000 kHz			
Occupied Bandwidt	h		Total P	ower	26.	1 dBm		Auto Man			
2.	6783 M	Hz						Freq Offset			
Transmit Freq Error x dB Bandwidth	-6 2.875	8 Hz	OBW P	ower		9.00 % 5.00 dB		0 Hz			

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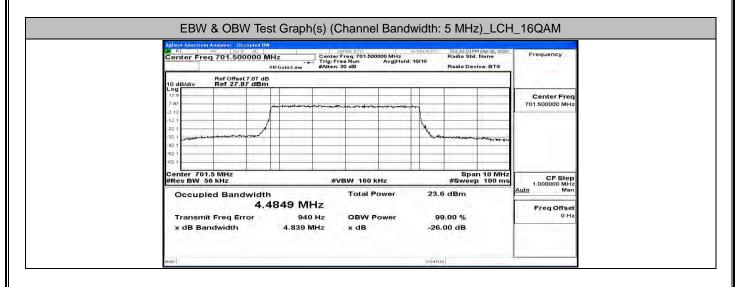


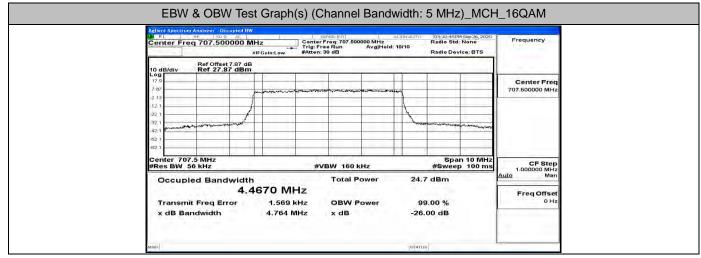


RL RE 50.9 AL	W		enseiniv		ALIGNAUTO	Radio Std	M Sep 26, 2020	Frequency
Center Freq 713.500000	#IFGain:Low	Trig: Fr	Freq: 713.50 ee Run 30 dB	Avg Hold:	10/10	Radio Dev		
Ref Offset 7.87 d 10 dB/div Ref 27.87 dBr	B							
17.9 7.87	-	**		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				Center Freq 713.500000 MHz
-2 13 -12.1 -22 1	1				1			
-32.1 -42.1					- h-	and we are a subscription of the subscription	Mulambagatotas	
-62.1 Center 713.5 MHz			1			Spa	n 10 MHz	CF Step
#Res BW 56 kHz Occupied Bandwidt		level.	BW 160 I Total P		26.	#Sweej 2 dBm	p 100 ms	1.000000 MHz Auto Man
4. Transmit Freq Error x dB Bandwidth		VIHZ i4 kHz 1 MHz	OBW F	Power		9.00 %		Freq Offset 0 Hz

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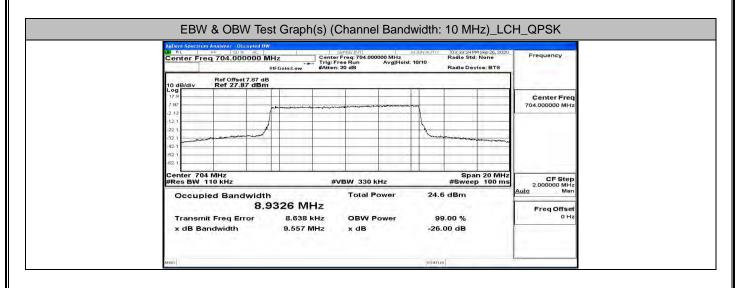


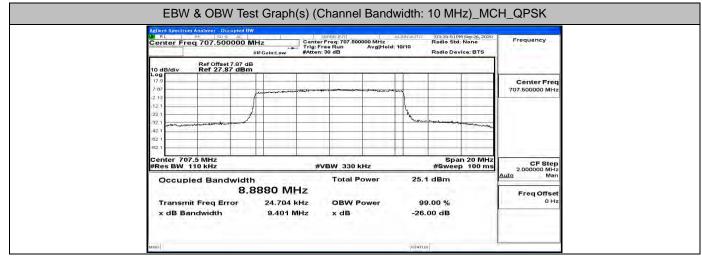


RL 9h 20.9 AC Stretcher Freq 713.500000 MHz Center Freq 713.500000 MHz Center Freq 713.500000 MHz Trig:Free Run Avg Hold: 10/10 Avg Hold: 10/10											
	#Atten: 30	Bun dB	Avg Hold:	10/10	Radio Dev	ice: BTS					
iB m											
	****	yaya ayaaya		~			Center Fred 713.500000 MHz				
				1							
				heren		4100-1410 VD-4					
		W 160 K					CF Step				
th			-	25.4		, 100 ms	1.000000 MHz Auto Man				
							Freq Offset				
Transmit Freq Error 181 Hz OBW Power		99	0.00 %	0 Hz							
	MHz #IFGainLow B n n n n n n n n n n n n n n n n n n	MHz Conter Fr pirGainLow Atten 30 m M M M M M M M M M M M M M	MHz Center Freg: 713.600 Trig: Freg: 13.600 ARKen: 30 dB B # # # # # # # # # # # # #	MHz Conter Free 713.500000 MHz PFGeInt.ow FAtten: 30 dB W WEW 160 kHz #VBW 160 kHz th Total Power 4613 MHz	MHz Center Freq: 713 500000 MHz FIG Ginit ow Freq: Freq: 713 500000 MHz Trig: Freq: Freq: Freq: 713 500000 MHz Axten: 30 dB AvglHold: 10/10 #Atten: 30 dB AvglHold: 10/10 #VBW 160 kHz #VBW 160 kHz th Total Power 25.4 4613 MHz	MHz Contex Free; 713,500000 MHz Radio Std: PIFGaintow Free; Frae; 713,500000 MHz Radio Dev Radio	MHz Center Frey: 713 500000 MHz Radio Std: None pregine to we want to be a std in the s				

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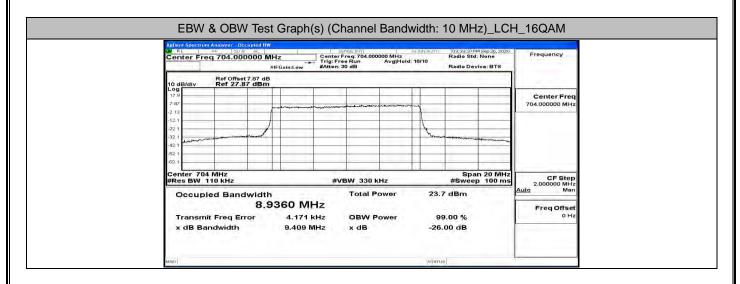


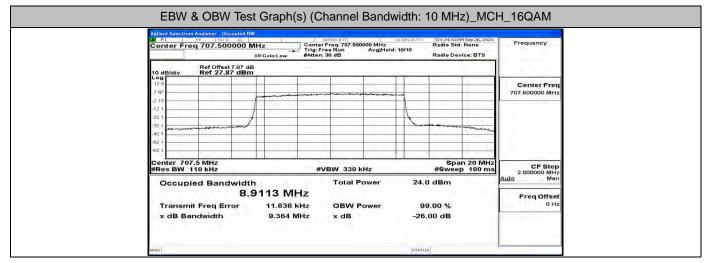


RL RF DR AL		Center	SENSE:INT		ALIGNAUTO	Radio Std	M Siep 26, 2020	Frequency		
Center Freq 711.000000 MHz Center Freq: 711.000000 MHz Radio Std: None Trig: Free Run Avg]Hold: 10/10 #/IFGaint.Low #Atten: 30 dB Radio Device: BTS										
Ref Offset 7.87 dB										
10 dB/div Ref 27.87 dB								Center Fred		
7 87	Johnon				-	-		711.000000 MHz		
-2.13		-	-		1					
-22 1	/	-	_		X					
-32.1					way	- monoralises	memorane			
-62.1		-	-							
-62.1	4.6.1							1		
Center 711 MHz #Res BW 110 kHz		#\	/BW 330 k	Hz			n 20 MHz p 100 ms	CF Step 2.000000 MHz		
Occupied Bandwid	th		Total P	ower	25.4	4 dBm		<u>Auto</u> Man		
8	9288 N	Hz						Freq Offset		
Transmit Freq Error	13.577	' kHz	OBW P	OBW Power 99.00 %			0 Hz			
x dB Bandwidth	9.426	MHz	x dB		-26	.00 dB				

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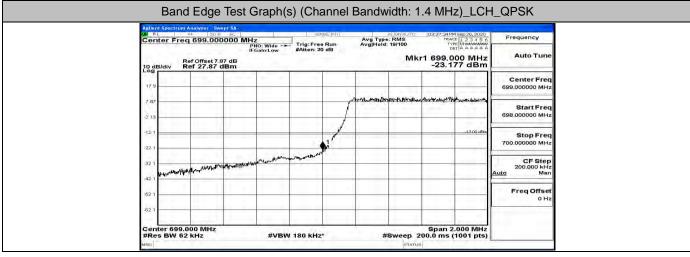


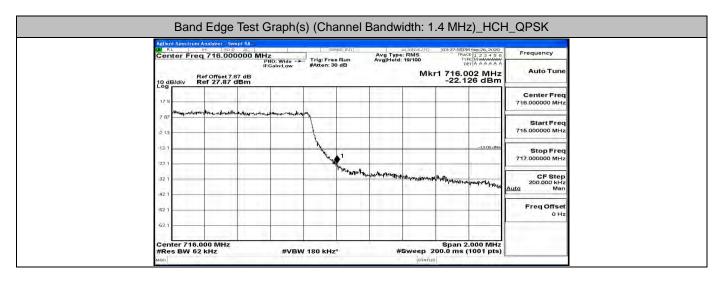


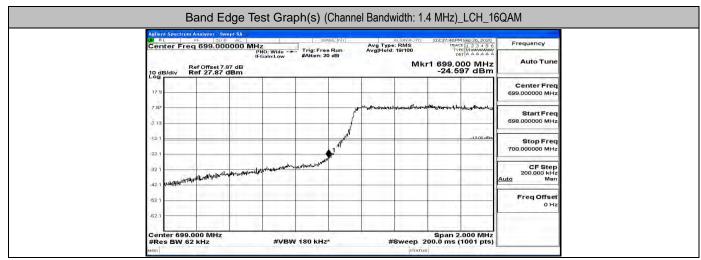
Center Freg 711.000000 I	MHz	CenterF	reg: 711.000	000 MHz	IGNAUTO	Frequency				
Trig: Free Run Avg Hold: 10/10 #IFGain:Low #Atten: 30 dB Radio Device: BTS										
Ref Offset 7.87 dl 10 dB/div Ref 27.87 dBn	Ref Offset 7.87 dB									
	-					Center Freq				
7 87		~******	Augun mun		-			711.000000 MHz		
-2.13	1	_			1					
-22 1					12	-				
-32.1					Concentration and a state of the second seco					
-62 1			-		-					
-62.1		_								
Center 711 MHz #Res BW 110 kHz		#VI	3W 330 k	Hz			n 20 MHz 5 100 ms	CF Step 2.000000 MHz		
Occupied Bandwidt	h		Total Power 24.5 dBm					Auto Man		
	9074 MH	Iz						Freq Offset		
Transmit Freq Error	9.675 k	Hz	OBW Power 99.00 %				0 Hz			
x dB Bandwidth	9.392 M	Hz	x dB		-26.	00 dB				

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F.4 Band Edge

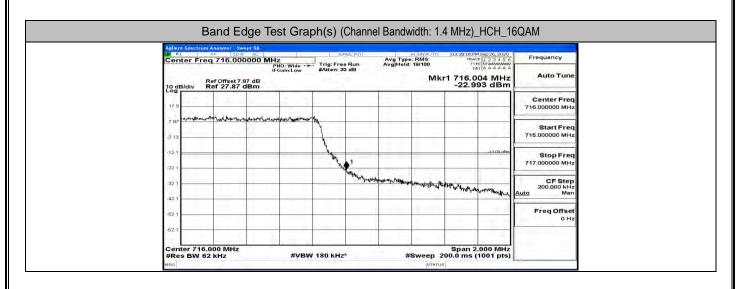


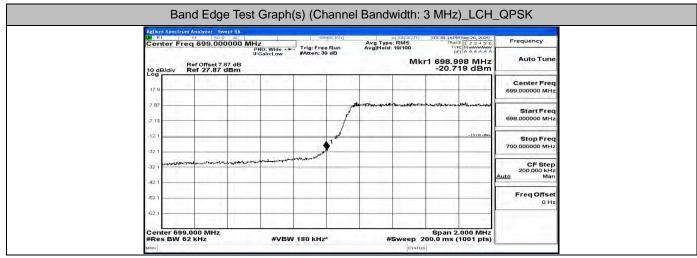




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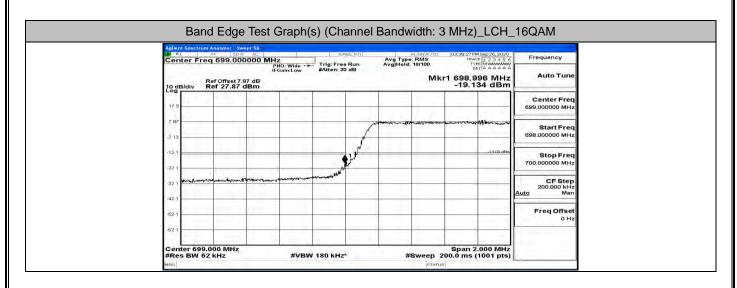


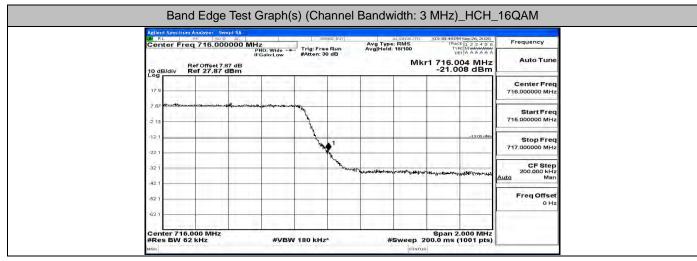


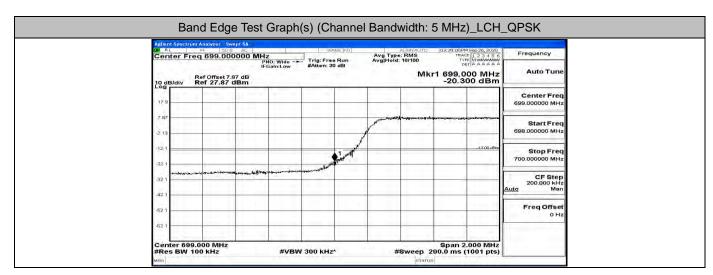
									nalyzer Swa		
Frequency	123456 MMMMMM	03:38:39 PM TRACE	ALIGNAUTO e: RMS d: 19/100	Avg	e Bun	Carolina II	Z NO; Wide -+	0000 MH2	716.000		Cent
Auto Tune	and the second second second	1 716.00			0 dB	#Atten: 3	Gain:Low	IFO	ef Offset 7.8 ef 27.87 c	B/div R	10 dE
Center Freq 716.000000 MHz									1	11.7.4	17.9
Start Freq 715.000000 MHz						M	-valtinter-god	- and the grand	pharma a positivity of a standard of the stand	8, /00001-9,1951-0,000000	-2.13
Stop Freq 717.000000 MHz	13.00 dBm			-	1	-tr					-12(1
CF Step 200.000 kHz uto Man	annan Siethart	ามีเราสารสาร	าสไขระก่องเข้าสารรรณ	and the state of the	V. W. BAN						-22 1 -32 1 -42.1
Freq Offset 0 Hz											-52-1
											-62.1

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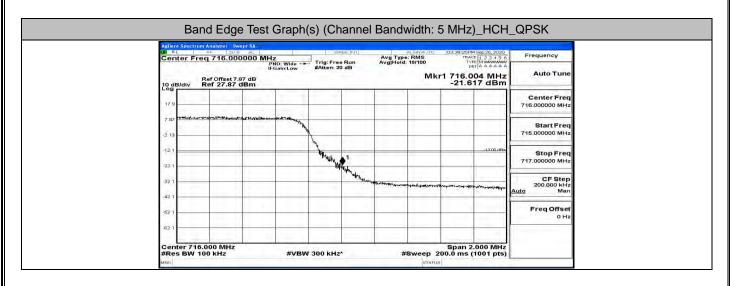


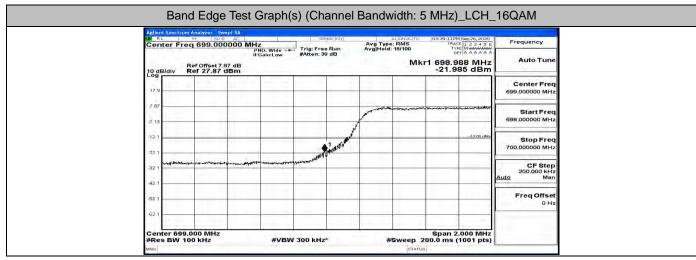


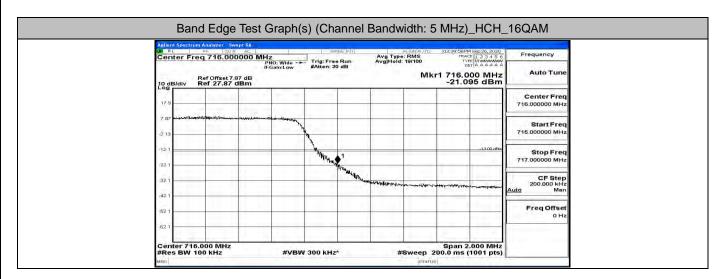


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Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

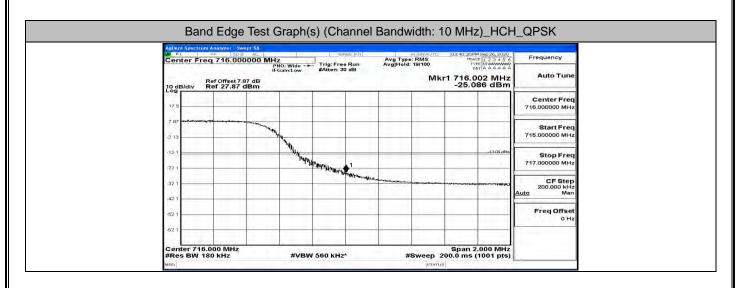
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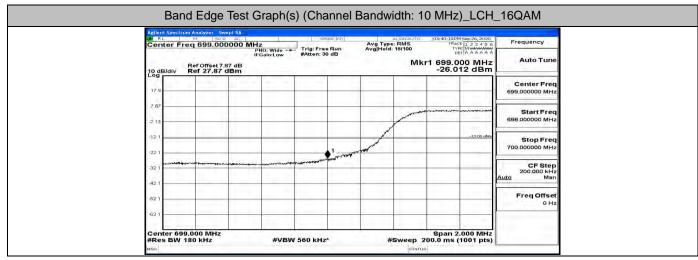
Report No.: LCS200730059AEE

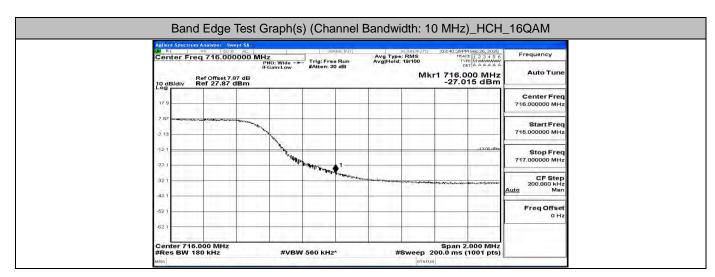
	reg 699.000	000 8411-		nuise : Ind ()	Avg Type Avg Hold	RMS	03:40:00 PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TVPE M WANNAW DET A A A A A A	Frequency
10 dB/div	Ref Offset 7.8 Ref 27.87 (PNO: Wide IFGain:Lov	Trig: Fre #Atten: 3	e Run 0 dB	Avg Hold		1 698.992 MHz -24.051 dBm	Auto Tune
17.9	1	H						Center Freq 699.000000 MHz
-2 13						and the second second	and the second	Start Freq 698.000000 MHz
-12:1				1 martineri	and the second			Stop Freq 700.000000 MHz
-32 1				4	1			CF Step 200.000 kHz Auto Man
-521								Freq Offset 0 Hz
-62 1								
Center 6 #Res BW	99.000 MHz	#\	/BW 620 kHz	*	#	Sween 20	Span 2.000 MHz 0.0 ms (1001 pts)	

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F.5 Conducted Spurious Emission

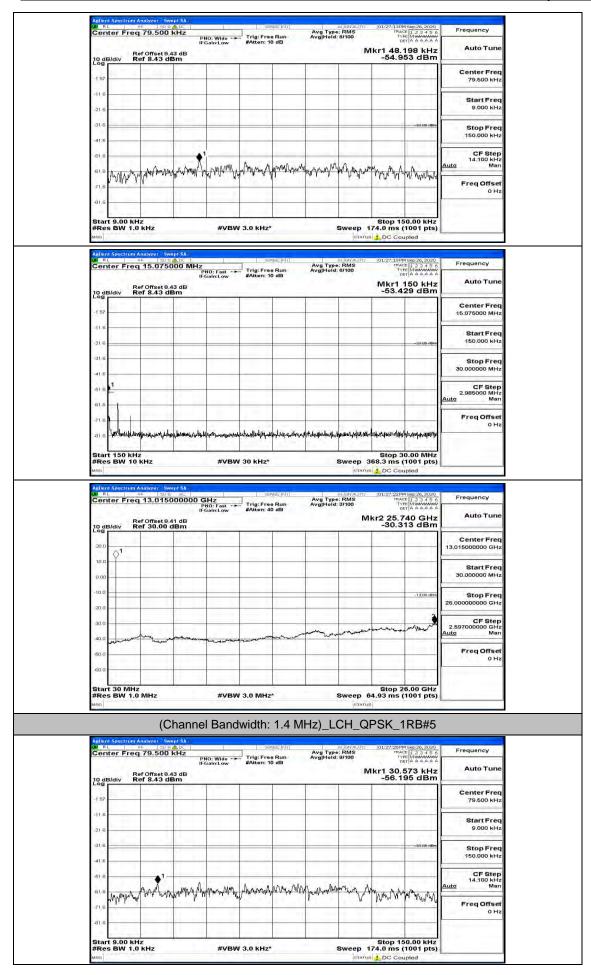
Channel Bandwidth: 1.4 MHz

Center Freq 79.50	PNO; Wide	Trig: Free Bun	Avg Type: RMS Avg Hold: 9/100	10 01:27:01 PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MUMANANA DET A A A A A A	Frequency
10 dB/div Ref Offset	IFGain:Low	#Atten: 10 dB		Mkr1 104.034 kHz -56.301 dBm	Auto Tune
10 dB/div Ref 8.43					Center Freq 79.500 kHz
-116					Start Freq 9.000 kHz
-31.6				-33:00 dBm	Stop Freq 150.000 kHz
-518	. no mumush	M MARIE AN MAN	Amontopan	million un	CF Step 14.100 kHz Auto Man
-71.6	The Marine and August	Malle 1. Rei A	-1 -110 m - 1 - 10 - 10 - 10 - 10 - 10 -	and and the particular	Freq Offset 0 Hz
-81.6 Start 9.00 kHz #Res BW 1.0 kHz	#V	3W 3.0 KHz*	Sween	Stop 150.00 kHz 174.0 ms (1001 pts)	
MSQ				DC Coupled	
Adjent Spectrum Analyzer	75000 MHz PNO: Fast IFGain:Low	Senise (NT Trig: Free Run #Atten: 10 dB	Avg Type: RMS AvgHold: 8/100	10 11:27:06 PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE M MANAWAY DET A A A A A Mkr1 150 kHz	
10 dB/div Ref 8.43	dBm			-55.287 dBm	Center Freq 15.075000 MHz
-11.6				-20.00 dBm	Start Freq 150.000 kHz
-31.6					Stop Freq 30.000000 MHz
.51.6 1					CF Step 2.985000 MHz Auto Man
-71.6	-1-1		an address and a local		Freq Offset 0 Hz
-81.6		BW 30 kHz*		الله المعالم ال Stop 30.00 MHz 368.3 ms (1001 pts)	
MSQ				TUE LDC Coupled	
Aellent Spectrum Analyzer Dri RL Ber Le Center Freq 13.01 Ref Offset 10 dB/div Ref 30.0	D S AL 15000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Type: RMS Avg Hold: 3/100	101:27:10PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWW DEFIA A A A A Mkr2 26.000 GHz -30.143 dBm	Auto Tune
10 dB/div Ref 30.0					Center Freq 13.015000000 GHz
0.00					Start Freq 30.000000 MHz
-10.0				-13,00 dBm	Stop Freq 26.000000000 GHz
-30.0		and a second and a second	- and - and - and - and -	2 mar mar mar	CF Step 2.597000000 GHz Auto Man
-60.0					Freq Offset 0 Hz

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FCC ID: 055003020

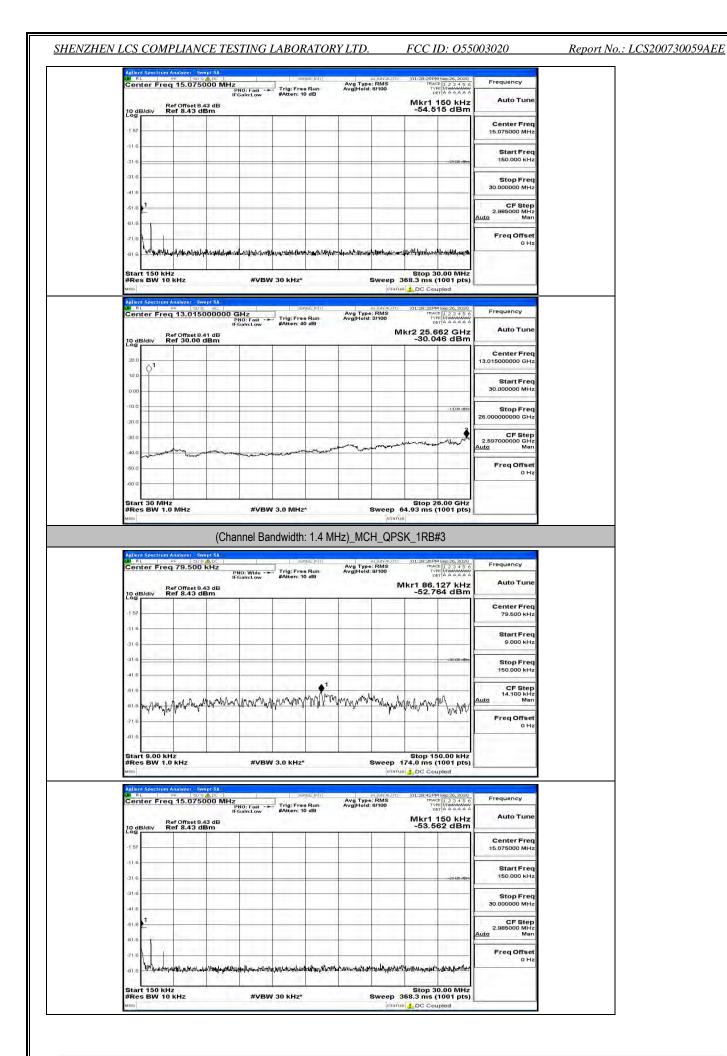
Report No.: LCS200730059AEE



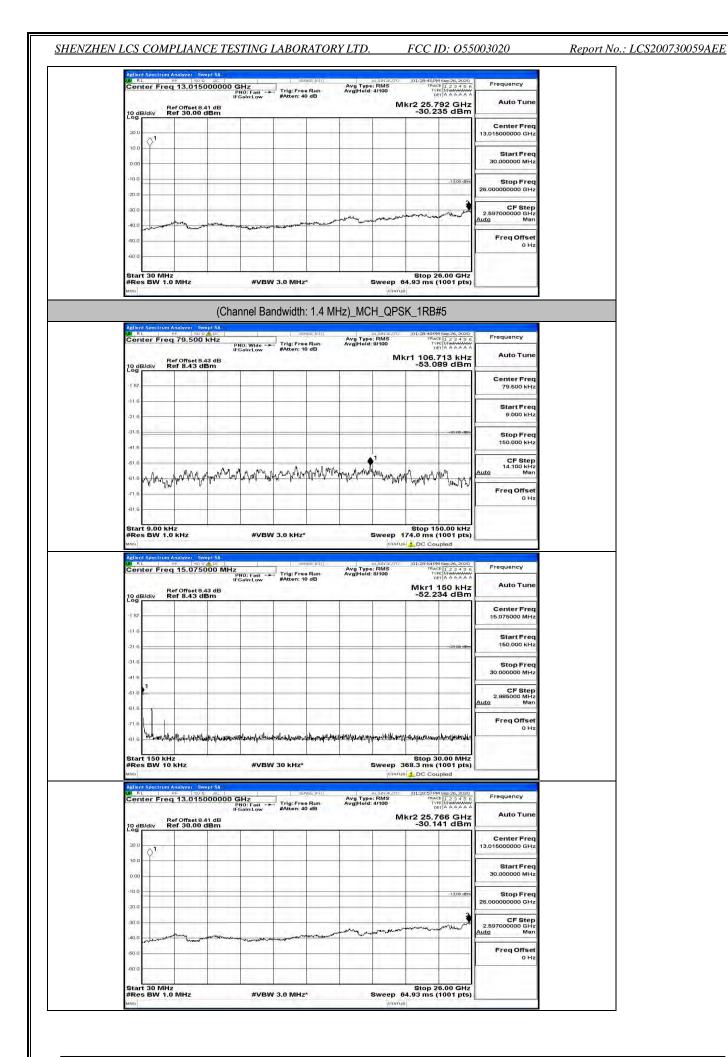
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	O MHz PNO: Fast IFGain:Low #Atten: 10 dB	Avg Type: RMS n Avg Hold: 8/100	Mkr1 150 kHz	Frequency Auto Tune
10 dB/div Ref 8.43 dBm	dB		-56.991 dBm	and the second second
-1 57				Center Freq 15.075000 MHz
-21.6			-25-88 dBm	Start Freq 150.000 kHz
-31.6				Stop Freq 30.000000 MHz
-61,6		_		CF Step 2.985000 MHz Auto Man
-81.8				Freq Offset 0 Hz
-81.6 MARTHERMAN	erenariotenerrative	id from Annual sector of the s	na ana ana ana ana ana ana ana ana ana	0112
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*		Stop 30.00 MHz 368.3 ms (1001 pts)	
Agilent Spectrum Analyzer Swept	SA			
	COMPANY AND A DESCRIPTION		Internet of a final conversion storage	
Center Freq 13.015000	AL SENSEI 0000 GHz PNO: Fast Trig: Free Ru #Atten: 40 dB	nt Avg Type: RMS n Avg Hold: 3/100	01:27:34 PM Sep 26, 2020 TRACE 1, 2, 3, 4, 5, 6 TYPE MWAAWAA DET A A A A A	Frequency
Ref Offset 8.41	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	01:27:34 PM Sep 26, 2020 TRACE [2 3 4 5 6 Type: Minimum Def A A A A A Akr2 25.662 GHz -30.227 dBm	Frequency Auto Tune
10 dB/div Ref Offset 8.41 d Log	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	Akr2 25.662 GHz	1
20 dB/div Ref 30,00 dB/ 20 dB/div Ref 30,00 dB/ 30 dB/ 10 0 11	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	Akr2 25.662 GHz	Auto Tune Center Freq
20 dB/div Ref 00fset 8.41 (Ref 00fset 8.41 (Ref 30.00 dB)	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	Akr2 25.662 GHz	Auto Tune Center Freq 13.01500000 GHz Start Freq
200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	/lkr2 25.662 GHz -30.227 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz 2.557000000 GHz
Ref Offset 8.41 (Ref 30.00 dB)	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	/lkr2 25.662 GHz -30.227 dBm	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz 2.59700000 GHz Auto Man
Ref Offset 8.41 (200	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold: 3/100	/lkr2 25.662 GHz -30.227 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz 25.000000000 GHz 2.597000000 GHz Auto Man

Center Freq 79.500 kHz Holi Wide ++ IFGaint.ow #Atten: 10 dB Avg Type: RMS Avg Type: RMS (123456) Frequency Holi 8/100 (123456) Ref Orfset 8.43 dB Atten: 10 d	
	fune
157 Center 179.800	
41.6 -3.10	Freq 0 kHz
-316	
	Step 0 kHz Man
Jan Streg O	ffset 0 Hz
616	0.00

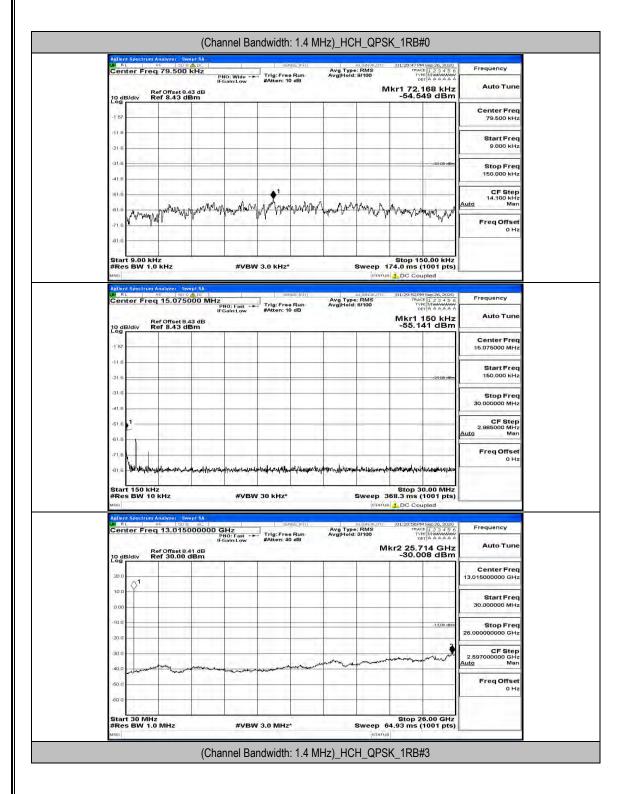


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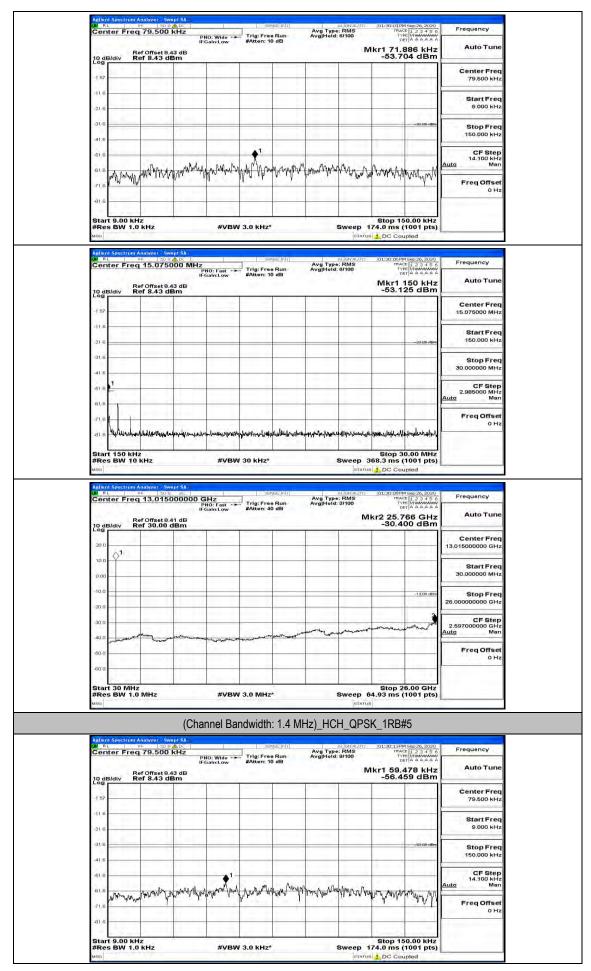
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FCC ID: 055003020

Report No.: LCS200730059AEE



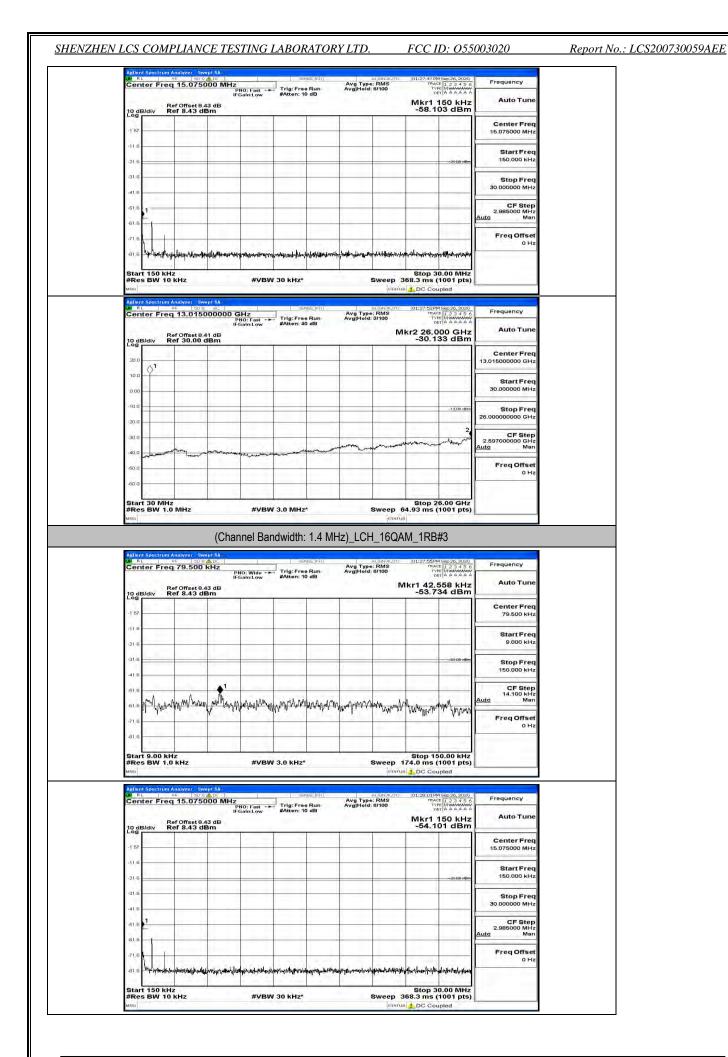
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	TYPE MINAMAN DET A A A A A A	01:30:18P	ALIGNAUTO	Avg Typ Avg Hold	SEN	MHz	eq 15.07500	RL
Auto Tu	r1 150 kHz 6.338 dBm	Mkr1	a: 5/100	Avginor	#Atten: 10	PNO: Fast -4 IFGain:Low	Ref Offset 8.43 Ref 8.43 dBn	dB/div
Center Fr 15.075000 M							4 7	57
Start Fre 150.000 ki	-28 00 dBm							16
Stop Fre 30.000000 MH	1 1 1							16
CF Ste 2.985000 MH Auto Ma								1.6 1
Freq Offse								1.6
	p 30.00 MHz ns (1001 pts) Coupled	368.3 ms		_	/ 30 kHz*	#VB1	(Hz	tart 150 ki Res BW 1
	ns (1001 pts) Coupled	368.3 ms 2 DC Co	втати				(Hz	tart 150 kl Res BW 10 o
Frequency Auto Tune	21PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MANAGE 5.948 GHz	368.3 ms (US DC Col (01:30:21 R TR TR TR TR TR TR TR TR TR T	ALIGNAUTO pe: RMS d: 3/100	Avg Typ Avg Heid	SEN	5A DOOO GHz PNO: Fast → IFGain:Low	CHZ 10 KHZ III	tart 150 kl Res BW 11 o Ileni Spectron RL enter Fre
1100 100 100	Coupled 221PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MANNANA DET A A A A A A	368.3 ms (US DC Col (01:30:21 R TR TR TR TR TR TR TR TR TR T	ALIGNAUTO pe: RMS d: 3/100	Avg Typ	SEN	5A DOOO GHz PNO: Fast → IFGain:Low	KHZ 10 KHZ IM Analyzer Swept IM E Store I 3.01500	tart 150 ki Res BW 1 a Rt I enter Fre
Auto Tuni	21PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MANAGE 5.948 GHz	368.3 ms (US DC Col (01:30:21 R TR TR TR TR TR TR TR TR TR T	ALIGNAUTO pe: RMS d: 3/100	Avg Typ	SEN	5A DOOO GHz PNO: Fast → IFGain:Low	CHZ 10 KHZ III	tart 150 kl Res BW 10 a Rt enter Fre odB/div
Auto Tun Center Free 13.015000000 GH Start Free	21PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MANAGE 5.948 GHz	368.3 ms (US DC Col (01:30:21 R TR TR TR TR TR TR TR TR TR T	ALIGNAUTO pe: RMS d: 3/100	Avg Typ	SEN	5A DOOO GHz PNO: Fast → IFGain:Low	CHZ 10 KHZ III	and 150 kikeron Res BW 11 0 160 Selection RL 10 0 dB/div 1 0 0 dB/div 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Auto Tun Center Fre 13.015000000 GH Start Fre 30.000000 MH Stop Fre	Coupled 2119 199 25, 2000 2219 199 25, 2000 2219 199 25, 2000 2219 252 252 252 252	368.3 ms (US DC Col (01:30:21 R TR TR TR TR TR TR TR TR TR T	ALIGNAUTO pe: RMS d: 3/100	Avg Typ	SEN	5A DOOO GHz PNO: Fast → IFGain:Low	CHZ 10 KHZ III	ant 150 kil Res BW 10 o microl Spectrum RL enter Fre 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

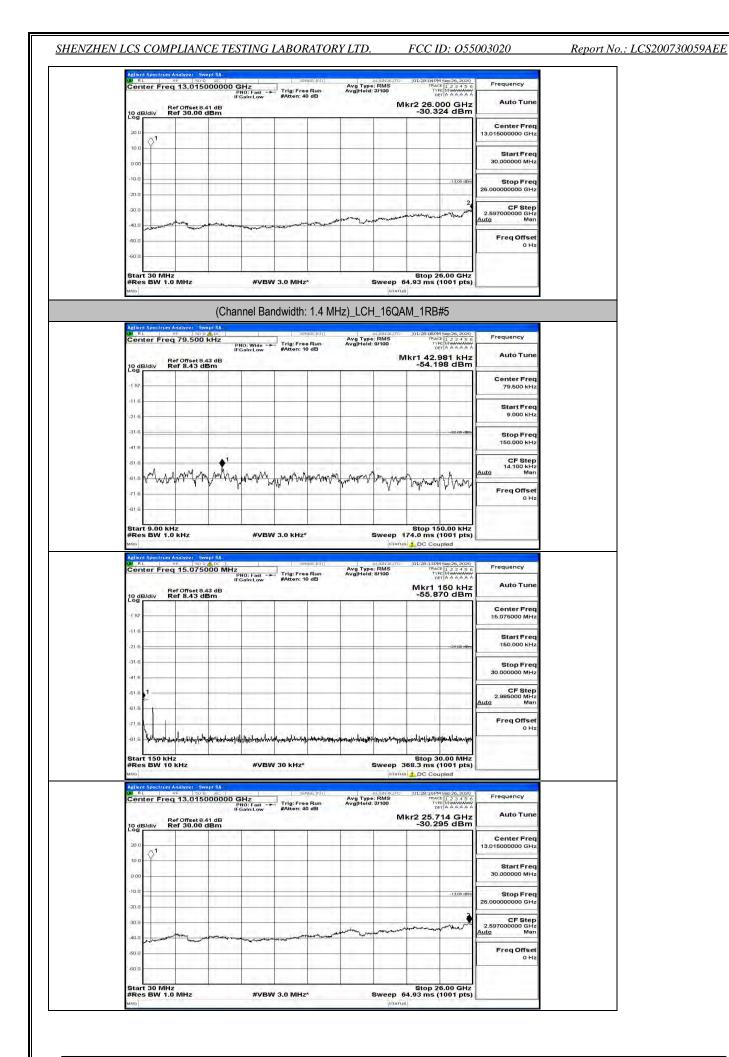
Frequency	123456 MMMMMM	01:27:42 PM Se TRACE 1	RMS	Avg Type Avg Hold	Run	Cast Cast		kHz	req 79.500	Center Fr
Auto Tune	58 kHz	oer A Ikr1 42.55 -54.359		Avgiriou.		#Atten: 10	NO: Wide -+ Gain:Low	43 dB	Ref Offset 8.4 Ref 8.43 di	10 dB/div
Center Freq 79.500 kHz								4	4 11 444	-1 57
Start Freq 9.000 kHz										-11.6
Stop Freq 150.000 kHz	~33-00-dBm									-31.6
CF Step 14.100 kHz Ito Man			ι. Λ.	. A M	a			*	um	-61.6
Freq Offset 0 Hz	M.W.WW	Who was marked	plan and l	Also Autorited	Jardana	munition	yoyinghantiya	WWA PAPANA)	and man	-71.6
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Report No.: LCS200730059AEE

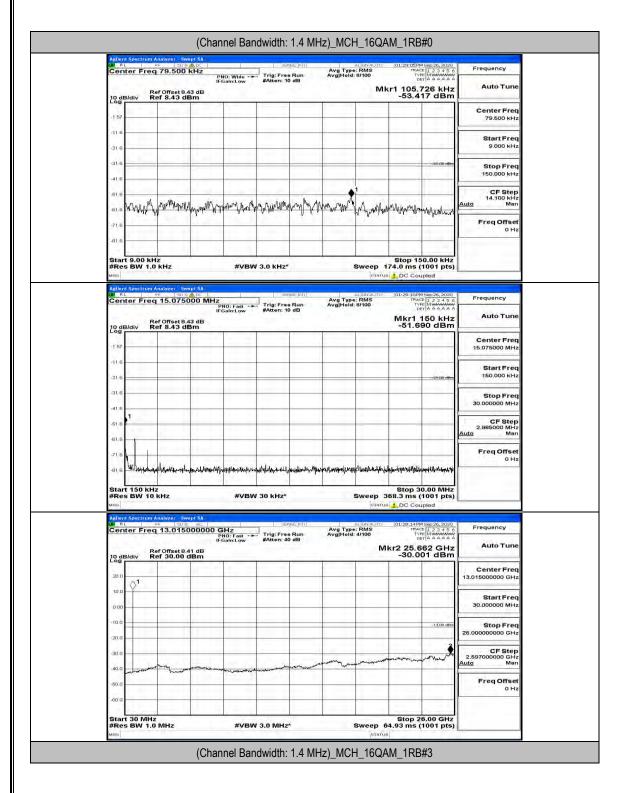


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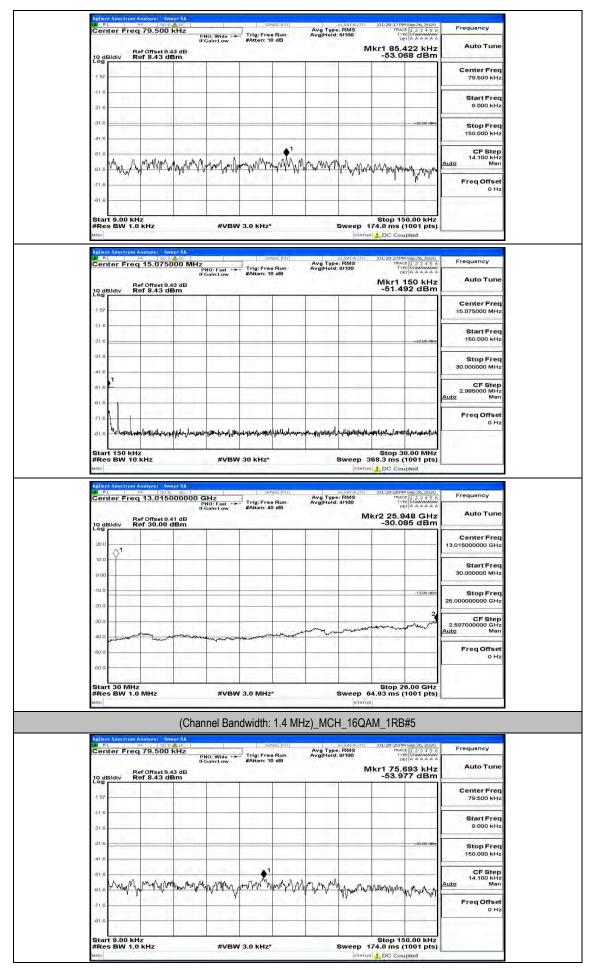
Report No.: LCS200730059AEE



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Report No.: LCS200730059AEE



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Lan and a start of the start of	_					1
Aglient Spectrum Analyzer Swept SA 24 RL 96 1920 9 Abbt Center Freq 15.075000 I	AHZ SENS	ellur aug Avg Type: Ri Run Avg Hold: 8/10	VAUTO [01:29:35]	PM Sep 26, 2020	Frequency	
	IFGain:Low #Atten: 10	Run Avg Hold: 8/1 dB		ACE 123456 VPE MINIMUM DET A A A A A A	Auto Tune	
10 dB/div Ref 8.43 dBm			Mkr1 -53.7	150 kHz 717 dBm	Auto Turie	
Charles a transition					Center Freq	
-1 57					15.075000 MHz	
416					Start Freq	
-21.6				-28-08 dBm	150.000 kHz	
-31.6				· · · · · ·	Stop Freq	
-41.6				_	30.000000 MHz	
-61.6	1.1 1.7 1 1.7 1.				CF Step	
1. 1. To see a process proc					2.985000 MHz Auto Man	
61.6					Freq Offset	
-71.6	1 2 1 1 P.	A DE LA D			0 Hz	
-81.6 WARANA and a start and a start	mhanichtennantwintennangen	hyperternetering and the providence of the second	another for the	made and the second second		
Start 150 kHz			Ston	30.00 MHz		
#Res BW 10 kHz	#VBW 30 kHz*	Sw	eep 368.3 ms	(1001 pts)		
MSO			Istatus DC Ce	pupled		
Agilent Spectrum Analyzer Swept SA		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)				
C	SENS	E:INT ALIG	TAUTO 01:29:39	M Sep 26, 2020	Frequency	
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Ref Offset 8 41 dB	PNO: Fast Irig: Free P	ALIG Avg Type: Ri Run Avg Hold: 3/1 dB	Mkr2 25.	610 GHz	Frequency Auto Tune	
Center Freq 13.0150000 Ref Offset 8.41 dB 10 dB/div Ref 30.00 dBm	PNO: Fast Irig: Free P	Avg Type: Rr Run Avg Hold: 3/1 dB	Mkr2 25.		Auto Tune	
Ref Offset 8 41 dB	PNO: Fast Irig: Free P	Erihiii Avg Type: R Run Avg]Hold: 3/f dB	Mkr2 25.	610 GHz	Frequency Auto Tune Center Freq 13.015000000 GHz	
10 dB/div Ref Offset 8.41 dB Ref 30.00 dBm	PNO: Fast Irig: Free P	Avg Type: R	Mkr2 25.	610 GHz	Auto Tune Center Freq 13.015000000 GHz	
20.0 Ref Offset 8.41 dB Ref 30.00 dBm	PNO: Fast Irig: Free P	Avg Type: R	Mkr2 25.	610 GHz	Auto Tune Center Freq	
200 B/div Ref 075et8 41 dB 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PNO: Fast Irig: Free P	Avg Type: R	Mkr2 25.	610 GHz 291 dBm	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz	
Bet Offset 8.41 dB Ref Offset 8.41 dB 10g 0.00 dB 300 1 100 1 100 1 100 1	PNO: Fast Irig: Free P	Avg Type: R	Mkr2 25.	610 GHz	Auto Tune Center Freq 13.015000000 GHz Start Freq	
2000 Ref Offset 8.41 dB 10 gB/div 20 0 10 0	PNO: Fast Irig: Free P	Avg Type: R	Mkr2 25.	610 GHz 291 dBm	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz	
Bet Offset 8.41 dB Ref Offset 8.41 dB 10g 0.00 dB 300 1 100 1 100 1 100 1	PNO: Fast Irig: Free P	Avg Type: R	Mkr2 25.	610 GHz 291 dBm	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz CF Step 2.557000000 GHz	
2000 Ref Offset 8.41 dB 10 gB/div 20 0 10 0	PNO: Fast Irig: Free P	Arg Type: R Run Avg Hold: 3/1	Mkr2 25.	610 GHz 291 dBm -1300 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz CF Step	
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BefOffset 8.41 dB Ref 30.00 dBm 0.00 0.	PNO: Fast Irig: Free P	Arg Type: R Run Arg Type: R Arg Type: R Ar	Mkr2 25. -30.3	610 GHz 291 dBm	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset	
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Bef Offset 8.41 dB 300 Ref Offset 8.41 dB 300 Ref 30.00 dBm 300 Image: start 30 mHz 300 Image: start 30 mHz	PRO: Fast		Mkr2 26. -30.3	610 GHz 291 dBm	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset	
RefOrmation Reformation 200	#VBW 3.0 MHz*	ab	Mkr2 25. -30.1	610 GHz 291 dBm -1300 JHm -1300 JHM	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset	
RefOrmation Reformation 200	PRO: Fast	ab	Mkr2 25. -30.1	610 GHz 291 dBm -1300 JHm -1300 JHM	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset	
Ref Offset 8.41 dB	#VBW 3.0 MHz*	ab	Mkr2 26. -30.1	610 GHz 291 dBm 	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset	
Ref Offset 8.41 dB Ref 30.00 dBm 300 300 000 <t< td=""><td>PHO: Fast - I'lig: Fiss Back - I</td><td>as 1.4 MHz)_HCH Run_Argetheis: 27</td><td>Mkr2 26. -30.3</td><td>610 GHz 291 dBm </td><td>Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset</td><td></td></t<>	PHO: Fast - I'lig: Fiss Back - I	as 1.4 MHz)_HCH Run_Argetheis: 27	Mkr2 26. -30.3	610 GHz 291 dBm 	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.59700000 GHz Auto Man Freq Offset	
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TAM

#VBW 3.0 kHz*

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-21 6 -31 6

-41.0

61 61

-71

MAM

Start 9.00 kHz #Res BW 1.0 kHz VM

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man and how he

Stop 150.00 kHz Sweep 174.0 ms (1001 pts)

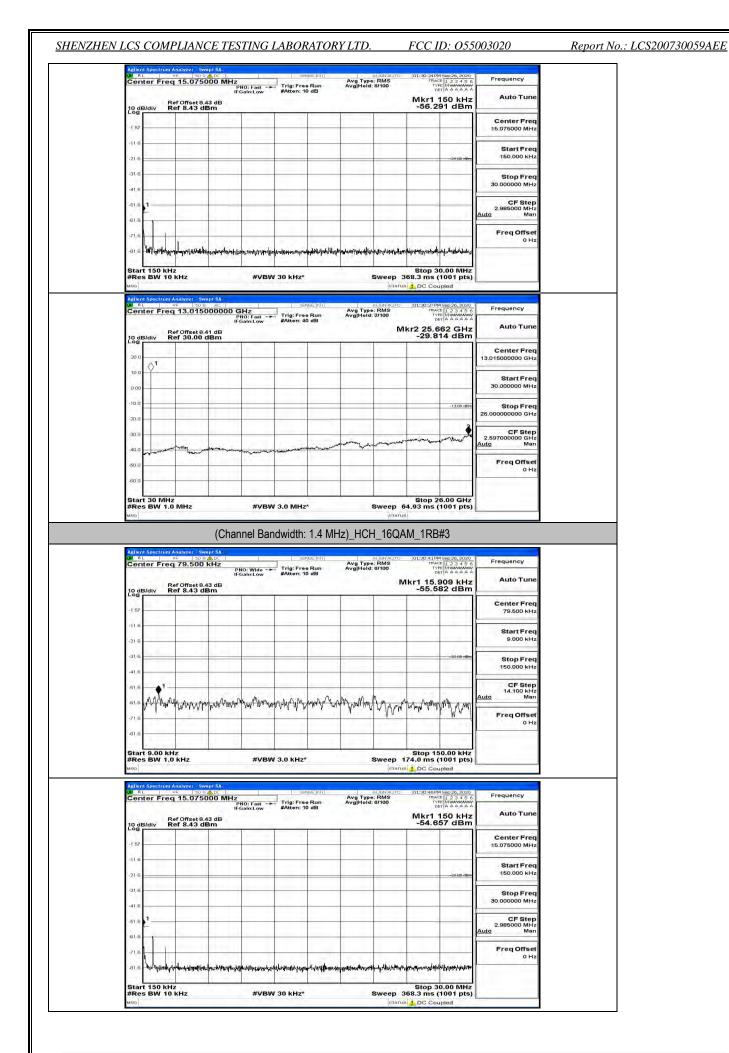
Wywww.

Start Freq 9.000 kHz

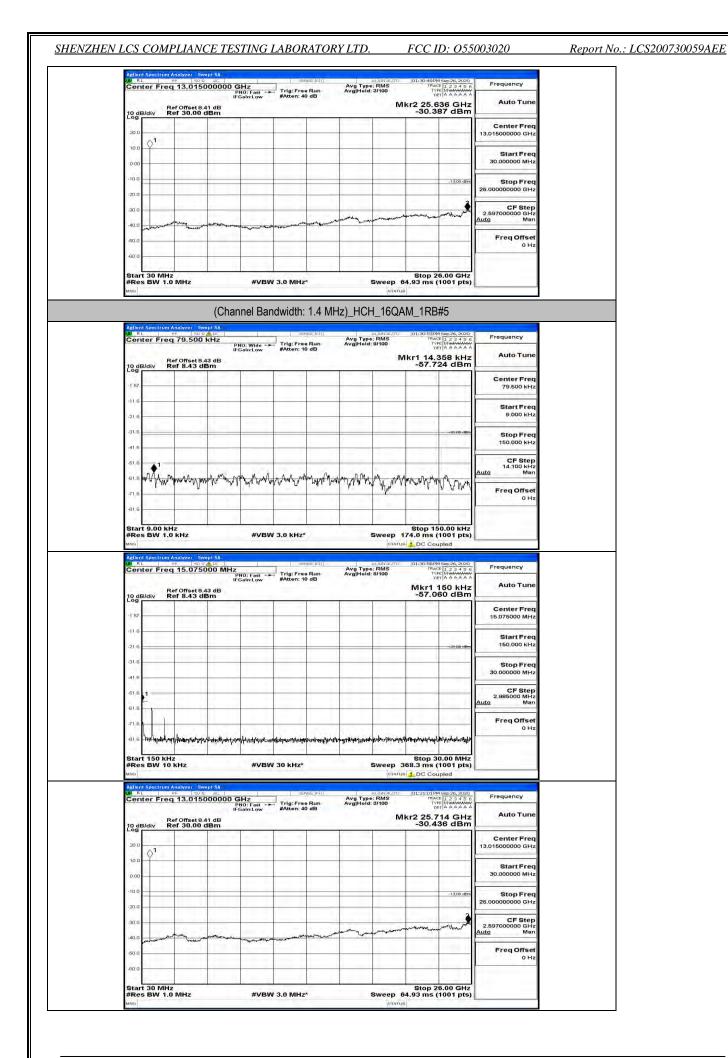
Stop Fred 150.000 kHz

> CF Step 14.100 kHz Man

Freq Offset 0 Ha

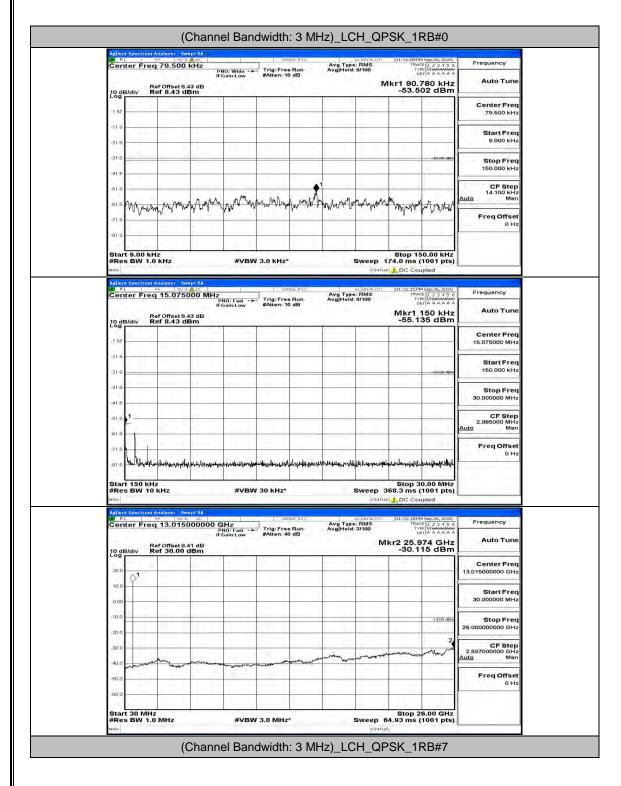


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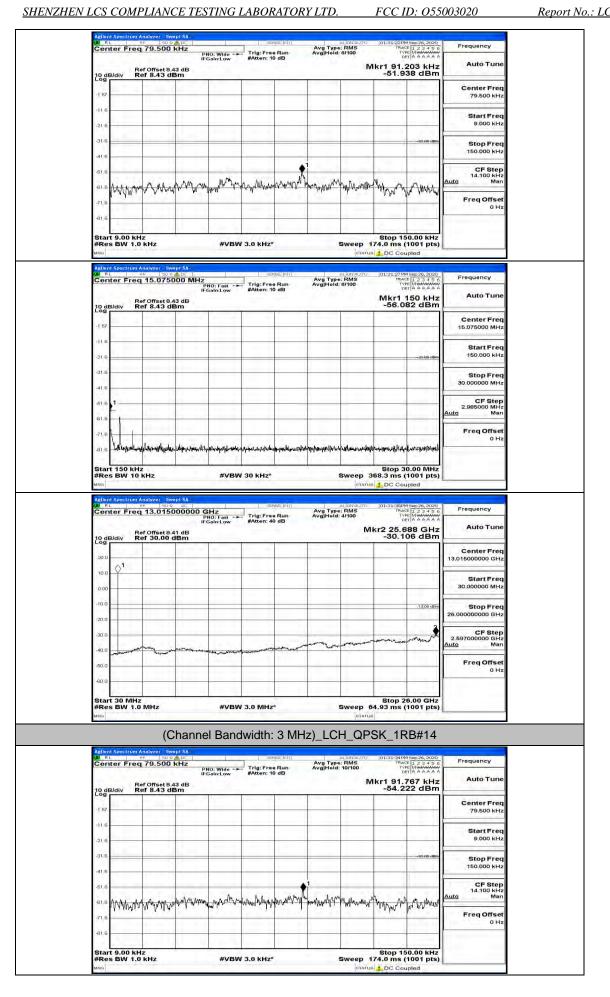


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Channel Bandwidth: 3 MHz



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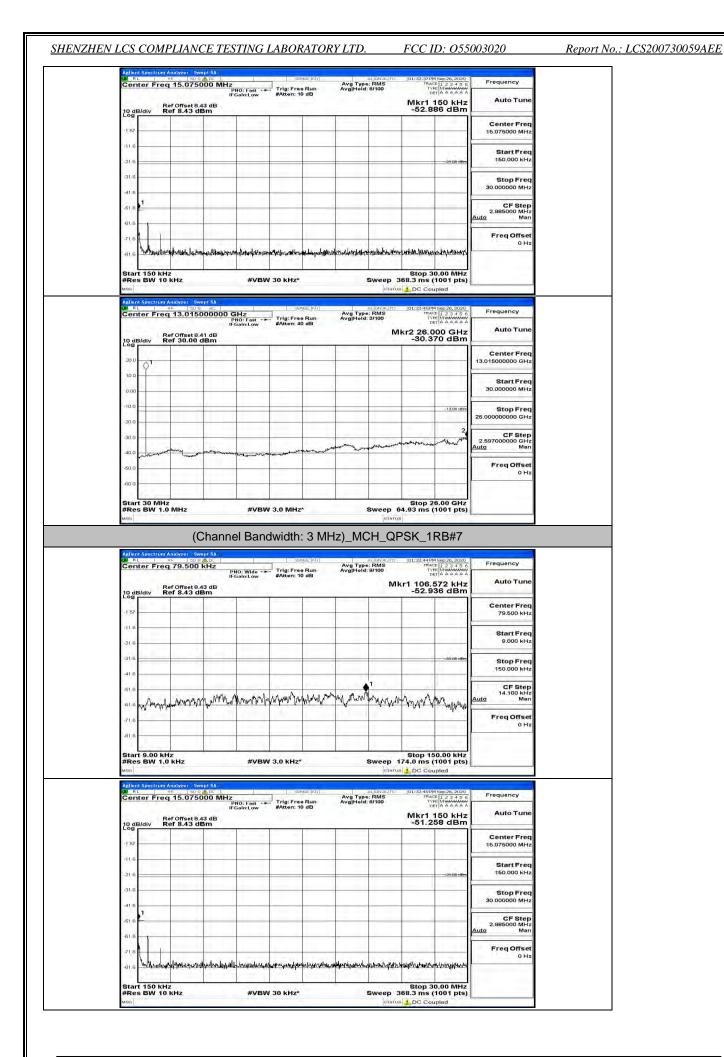
Report No.: LCS200730059AEE

Frequency	121:39 PM Sep 26, 2020 TRACE 1 2 3 4 5 6 TVPE MUMANANAN DET A A A A A A	al IGNAUTO [01:31:398 : RMS TEA : 8/100 T	Ava Type:	Sen	DC - F	Freq 15.0750
Auto Tun	lkr1 150 kHz -56.066 dBm	Mkr1		#Atten: 10	IFGain:Low	Ref Offset 8.4 Ref 8.43 di
Center Fre 15.075000 MH						
Start Fre 150.000 kH	+29-88 dBm	1				
Stop Fre 30.000000 MH						
CF Ste 2.985000 MH Auto Ma		1				
Freq Offse 0 H	0.01 1000	and all and a second of the				1
		STATUS LDC Co			#VE	0 KHZ V 10 KHZ Trum Analyzet Sw
Frequency	131:43FM Sep 26, 2020 TRACE 1 2 3 4 5 6 TYPE MUMUMUMU DET A A A A A	ALIGNAUTO [01:31:43H e: RMS TRA 13/100 T	n Avg Type: Avg Hold: 3	Trig: Free #Atten: 40	AC AC DOOOO GHz PNO: Fast IFGain:Low	V 10 KHz (rum Analyzer, Sw Freq 13.0150
Auto Tuno	231:43 PM Sep 26, 2020	ALIGNAUTO 01:31:43F 8: RMS TRA 1: 3/100 Tr Mkr2 25.	n Avg Type: Avg Hold: 3	Trig: Free	AC AC DOOOO GHz PNO: Fast IFGain:Low	Trum Analyzer Sw
Auto Tune	DC Coupled	ALIGNAUTO 01:31:43F 8: RMS TRA 1: 3/100 Tr Mkr2 25.	n Avg Type: Avg Hold: 3	Trig: Free	AC AC DOOOO GHz PNO: Fast IFGain:Low	V 10 KHz
Auto Tun Center Free 13.015000000 GH	DC Coupled	ALIGNAUTO 01:31:43F 8: RMS TRA 1: 3/100 Tr Mkr2 25.	n Avg Type: Avg Hold: 3	Trig: Free	AC AC DOOOO GHz PNO: Fast IFGain:Low	V 10 KHz
Auto Tuni Center Fre 13.01500000 GH Start Fre 30.000000 MH Stop Fre 25.000000000 GH	DC Coupled	ALIGNAUTO 01:31:43F 8: RMS TRA 1: 3/100 Tr Mkr2 25.	n Avg Type: Avg Hold: 3	Trig: Free	AC AC DOOOO GHz PNO: Fast IFGain:Low	V 10 KHz
Auto Tuni Center Frei 13.015000000 GH Start Frei 30.00000 MH 25.00000000 GH 2.597000000 GH 2.597000000 GH	DC Coupled	ALIGNAUTO 01:31:43F 8: RMS TRA 1: 3/100 Tr Mkr2 25.	n Avg Type: Avg Hold: 3	Trig: Free	AC AC DOOOO GHz PNO: Fast IFGain:Low	V 10 KHz
Auto Tun Center Fre 13.015000000 GH Start Fre 30.000000 MH Stop Fre 26.00000000 GH CF Ste 2.597000000 GH	DC Coupled	ALIGNAUTO 01:31:43F 8: RMS TRA 1: 3/100 Tr Mkr2 25.	n Avg Type: Avg Hold: 3	Trig: Free	AC AC DOOOO GHz PNO: Fast IFGain:Low	V 10 KHz

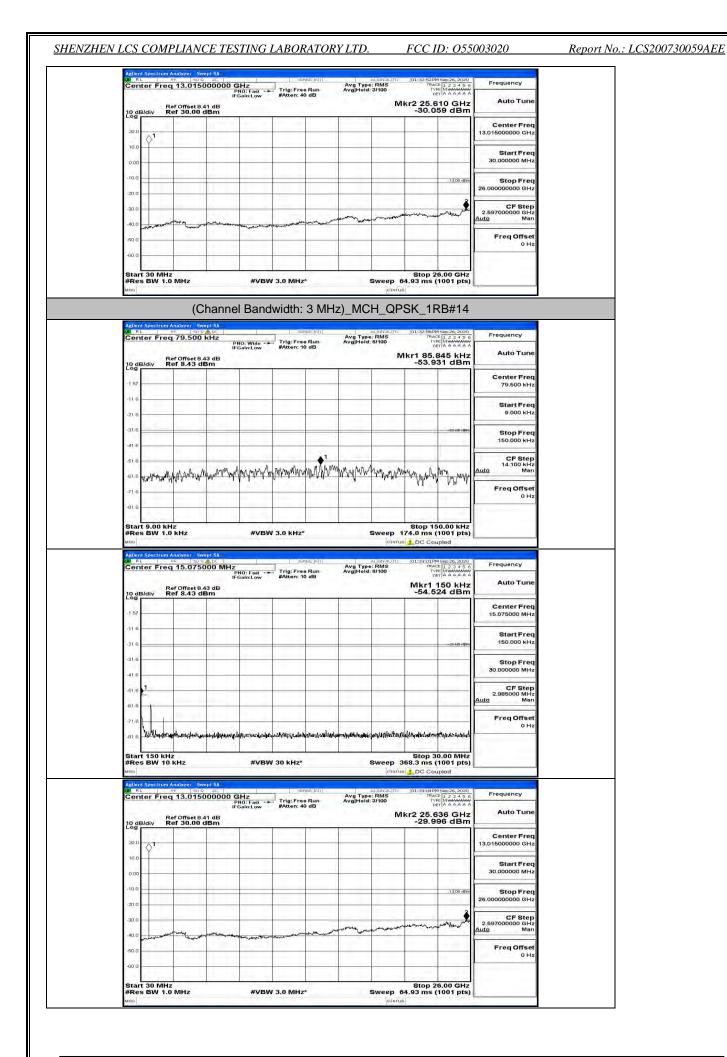
enter Freq 79.500	KHZ PNO: Wide -+	Trig: Free Run	Avg Type: RMS Avg Hold: 10/100	01:32:32 PM Sep 26, 2020 TRACE 1 2 3 4 5 TYPE MIMAMAAA DET A A A A A	Frequency
Ref Offset 8.4 dB/div Ref 8.43 dl	IFGain:Low 43 dB	#Atten: 10 dB	1. 3 CONTRACT	_{0er} ۵۵۸۵۸ /kr1 90.921 kH: -53.868 dBn	z Auto Tune
57					Center Freq 79.500 kHz
16					Start Freq 9.000 kHz
1.6				~33:00 dB	" Stop Freq 150.000 kHz
	and the second and the second s		1 Langer Harry Although	Manager and	CF Step 14.100 kHz Auto Man
1.6 Arall all child a share			······	and the second and the second	Freq Offset 0 Hz
11.6				Stop 150.00 kHz	

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