Appendix I: Test Data for E-UTRA Band 7

Product Name: 3-D VR Smartphone Trade Mark: Q PHONE Test Model: Qphone2019_A

Environmental Conditions

Temperature:	23.1 ° C	
Relative Humidity:	53.2%	
ATM Pressure:	100.0 kPa	
Test Engineer:	Tom.Liu	
Supervised by:	Jayden Zhuo	

A.1 Conducted Output Power

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
Modulation	odulation Channel Siz		Offset	QPSK	16QAM	verdict		
		1	0	22.58	21.60	PASS		
		1	12	22.38	21.39	PASS		
		1	24	22.04	21.04	PASS		
	LCH	12	0	22.59	21.40	PASS		
		12	6	22.43	21.24	PASS		
		12	13	22.17	21.16	PASS		
		25	0	22.37	21.33	PASS		
		1	0	23.11	22.29	PASS		
		1	12	23.24	22.38	PASS		
QPSK /		1	24	23.10	22.20	PASS		
16QAM	MCH	12	0	22.18	21.15	PASS		
IOQAM		12	6	22.18	21.13	PASS		
		12	13	22.07	21.03	PASS		
		25	0	22.10	21.10	PASS		
		1	0	22.87	21.69	PASS		
		1	12	22.23	21.03	PASS		
		1	24	22.38	21.06	PASS		
	НСН	12	0	22.01	21.06	PASS		
		12	6	22.10	21.14	PASS		
		12	13	22.12	21.12	PASS		
		25	0	22.04	21.03	PASS		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 1 of 53

FCC ID: 2AMO6QPHONE2019A

		Conducted	Output Pow	ver Test Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	Verdict
		1	0	22.84	21.66	PASS
		1	24	22.26	21.07	PASS
		1	49	22.86	21.75	PASS
	LCH	25	0	22.50	21.45	PASS
		25	12	22.13	21.09	PASS
		25	25	22.10	21.03	PASS
		50	0	22.19	21.15	PASS
		1	0	23.13	22.11	PASS
		1	24	23.31	22.19	PASS
QPSK /		1	49	23.17	21.96	PASS
16QAM	MCH	25	0	22.20	21.19	PASS
TOQAM		25	12	22.17	21.14	PASS
		25	25	22.98	21.95	PASS
		50	0	22.09	21.07	PASS
		1	0	22.38	21.59	PASS
		1	24	22.86	21.99	PASS
		1	49	22.45	21.38	PASS
	HCH	25	0	22.67	21.73	PASS
		25	12	22.87	21.94	PASS
		25	25	23.02	22.06	PASS
		50	0	22.86	21.87	PASS

FCC ID: 2AMO6QPHONE2019A

		Conducted	Output Pow	ver Test Result (Channel Band	dwidth: 15 MHz)	
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
Modulation Channel		Size	Offset	QPSK	16QAM	Verdict
		1	0	22.95	21.72	PASS
		1	37	22.96	21.82	PASS
		1	74	22.75	21.76	PASS
	LCH	37	0	22.60	21.47	PASS
		37	18	22.08	21.05	PASS
		37	38	22.05	21.03	PASS
		75	0	22.25	21.15	PASS
		1 0		23.08	22.03	PASS
		1	37	23.33	22.22	PASS
QPSK /		1	74	23.00	21.76	PASS
16QAM	MCH	37	0	22.34	21.23	PASS
TOQAIN		37	18	22.36	21.22	PASS
		37	38	22.15	21.01	PASS
		75	0	22.25	21.14	PASS
		1	0	22.35	21.55	PASS
		1	37	22.74	21.92	PASS
		1	74	22.64	21.60	PASS
	HCH	37	0	22.40	21.43	PASS
		37	18	22.70	21.69	PASS
		37	38	22.11	21.04	PASS
		75	0	22.78	21.74	PASS

FCC ID: 2AMO6QPHONE2019A

		Conducted	Output Pow	ver Test Result (Channel Band	width: 20 MHz)	
Modulation	Channel		figuration	Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
		1	0	23.05	22.28	PASS
		1	49	22.83	22.23	PASS
		1	99	22.22	21.70	PASS
	LCH	50	0	22.34	21.27	PASS
		50	25	22.80	21.77	PASS
		50	50	22.95	21.95	PASS
		100	0	22.20	21.16	PASS
		1	0	23.03	22.50	PASS
		1	49	23.38	22.73	PASS
		1	99	22.81	22.03	PASS
QPSK / 16QAM	MCH	50	0	22.21	21.17	PASS
IOQAIN		50	25	22.15	21.10	PASS
		50	50	22.78	21.68	PASS
		100	0	23.01	22.91	PASS
		1	0	22.65	21.58	PASS
		1	49	22.43	21.47	PASS
		1	99	22.73	21.49	PASS
нс	НСН	50	0	22.28	21.36	PASS
		50	25	22.49	21.58	PASS
		50	50	22.86	21.94	PASS
		100	0	22.58	21.67	PASS

I.2 Peak-to-Average Ratio

	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldton	Channel	[dB]	[dB]	Verdict				
	LCH	4.06	<13	PASS				
QPSK	MCH	4.4	<13	PASS				
	НСН	4.33	<13	PASS				
	LCH	4.9	<13	PASS				
16QAM	MCH	5.27	<13	PASS				
	НСН	5.15	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldton	Channel	[dB]	[dB]	Verdict				
	LCH	4.62	<13	PASS				
QPSK	MCH	4.68	<13	PASS				
	НСН	4.82	<13	PASS				
	LCH	5.34	<13	PASS				
16QAM	MCH	5.48	<13	PASS				
	НСН	5.67	<13	PASS				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 5 of 53

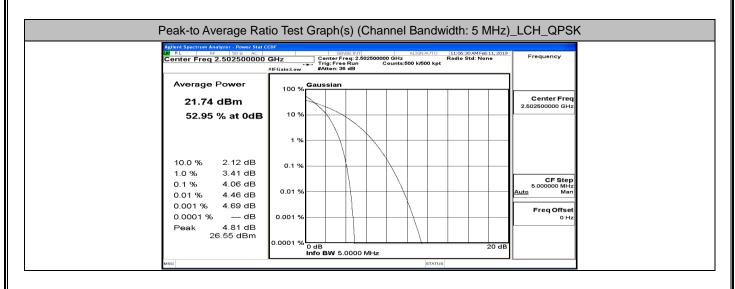
FCC ID: 2AMO6QPHONE2019A

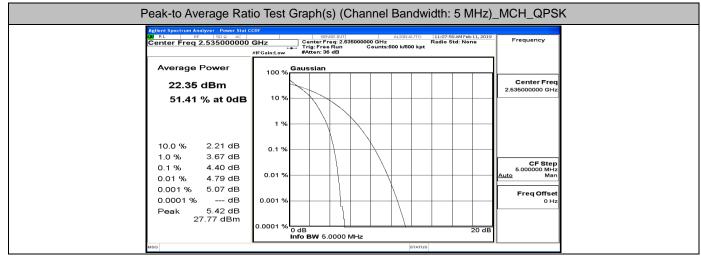
	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	Verdict				
	LCH	5.02	<13	PASS				
QPSK	MCH	4.91	<13	PASS				
	НСН	5.03	<13	PASS				
	LCH	5.91	<13	PASS				
16QAM	MCH	5.85	<13	PASS				
	НСН	6.26	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
MODUIATION	Channel	[dB]	[dB]	Verdict				
	LCH	5.85	<13	PASS				
QPSK	MCH	5.75	<13	PASS				
	НСН	5.79	<13	PASS				
	LCH	6.71	<13	PASS				
16QAM	MCH	6.58	<13	PASS				
	НСН	6.8	<13	PASS				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 6 of 53

FCC ID: 2AMO6QPHONE2019A

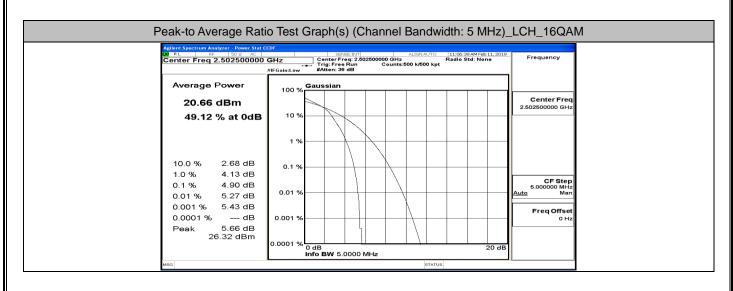


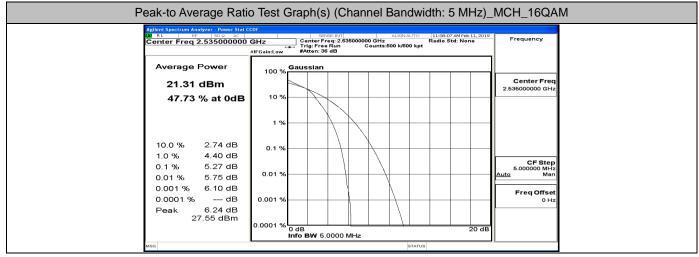


Center Freq 2.567500000 GHz Center Freq 2.66750000 GHz Radio Std: None Average Power 21.35 dBm 100 % Gaussian Center Freq 2.56750000 GHz Center Freq 2.567500000 GHz Center Freq 2.56750000 GHz Center Freq 2.56750000 GHz Center Freq 2.56750000 GHz Center Freq 2.56750000 GHz Center Freq 2.567500000 GHz </th <th>Agilent Spectrum Analyzer - Power Stat 0</th> <th>CCDF</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>192.0</th> <th></th> <th></th> <th></th>	Agilent Spectrum Analyzer - Power Stat 0	CCDF						192.0			
21.35 dBm 100 % Center Freq 51.00 % at 0dB 10 % 10 % 10.0 % 2.28 dB 10 % 1 % 10.0 % 3.67 dB 0.1 % 0.1 % 0.01 % 4.72 dB 0.01 % 0.01 % 0.001 % 5.07 dB 0.001 % 0.001 % 0.0001 % 0 dB 20 dB			- Trig	ter Fred : Free F	q: 2.567500 lun	000 GHz Counts:		1	Radio Std	: None	Frequency
21.35 dBm 10 % 2.57500000 GHz 51.00 % at 0dB 10 % 1 % 2.57500000 GHz 10 % 1 % 0.1 % 0.1 % 10 % 0.1 % 0.1 % 0.1 % 0.01 % 0.01 % 0.01 % 0.01 % 0.001 % 5.07 dB 0.001 % 0.001 % 0.0001 % 0 dB 20 dB Freq Offset	Average Power	100 %	Gauss	ian]
10.0 % 2.28 dB 1.0 % 3.67 dB 0.1 % 0.1 % 0.01 % 0.01 % 0.001 % 0.01 % Peak 5.19 dB 26.54 dBm 0.001 % 0.0001 % 0 dB	21.35 dBm										
10.0 % 2.28 dB 0.1 % 0.1 % 0.1 % 0.1 % 10.0 % 3.67 dB 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 4.72 dB 0.01 % 0.01 % 0.01 % 0.01 % 0.001 % 5.07 dB 0.001 % 0.001 % 0.001 % Freq Offset 0.0001 % 0.0001 % 0.0001 % 0.0001 % 20 dB 0.0001 %	51.00 % at 0dB	10 %		\frown		_					
1.0 % 3.67 dB 0.1 % 0.1 % 0.1 % 0.1 % 4.33 dB 0.01 % 0.01 % 0.01 % 0.001 % 5.07 dB 0.01 % 0.01 % 0.0001 %		1 %		\rightarrow	\rightarrow						
1.0 % 3.67 dB CF Step 0.1 % 4.33 dB 0.01 % 0.01 % 4.72 dB 0.01 % 0.001 % 5.07 dB 0.001 % 0.0001 % dB 0.001 % Peak 5.19 dB 0.0001 % 0.0001 % 0 dB	10.0 % 2.28 dB	0.1%									
0.01 % 4.72 dB 0.001 % 5.07 dB 0.0001 % dB Peak 5.19 dB 26.54 dBm 0.0001 % 0 dB 20 dB											CF Step
0.0001 % dB 0.001 % Peak 5.19 dB 26.54 dBm 0.0001 % 0 dB 20 dB	0.01 % 4.72 dB	0.01 %									
26.54 dBm 0.0001 % 0 dB 20 dB	0.0001 % dB	0.001 %				_	\setminus				
0.0001 % 0 dB 20 dB	26.54 dBm										
Info BW 5.0000 MHz		0.0001 %	0 dB Info B\	W 5.0	DOO MHz					20 dB	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 7 of 53

FCC ID: 2AMO6QPHONE2019A

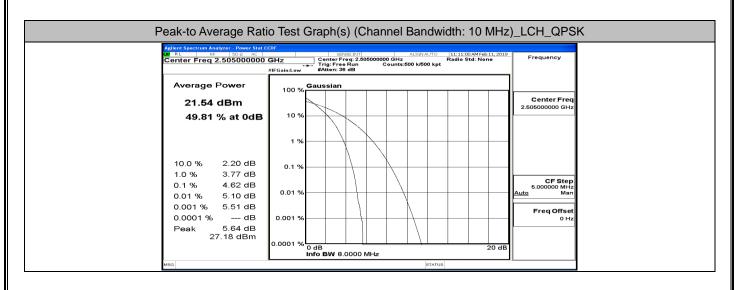


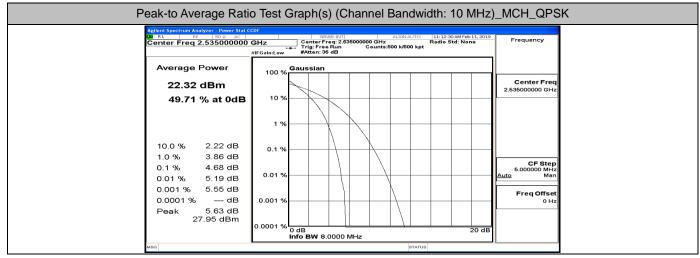


Agilent Spectrum Analyzer - Power Stat C		
Genter Freq 2.567500000 Center Freq 2.567500000 Average Power	#IFGain:Low #Atten: 8 dB	Frequency
20.36 dBm 46.26 % at 0dB	100 %	Center Freq 2.567500000 GHz
10.0 % 2.86 dB 1.0 % 4.42 dB	0.1 %	
0.1 % 5.15 dB 0.01 % 5.56 dB 0.001 % 5.78 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man
0.0001 % dB Peak 5.85 dB 26 21 dBm	0.001 %	Freq Offset
MSG	Info BW 5.0000 MHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 8 of 53

FCC ID: 2AMO6QPHONE2019A

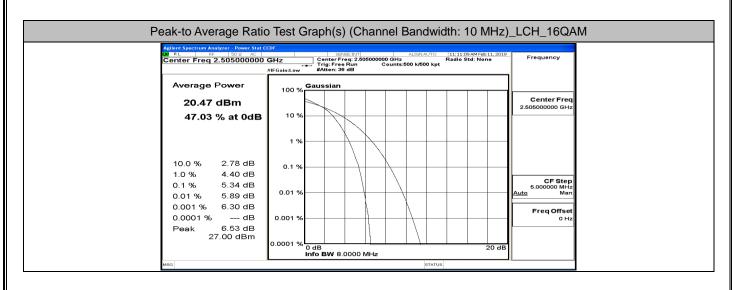


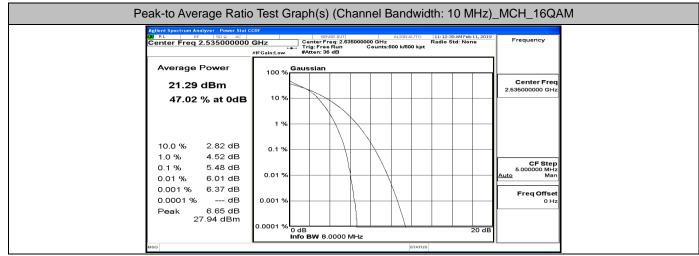


Aglient Spectrum Analyzer - Power Stat C Odi RL RF SOQ AC	SENSE:INT ALIGN AUTO 11:14:03 AM Feb 11, 20	-
Center Freq 2.565000000 Average Power	#IFGain:Low #Atten: 36 dB	Frequency
21.15 dBm 48.30 % at 0dB	100 % Watshall	Center Freq 2.565000000 GHz
	1 %	_
10.0 % 2.31 dB 1.0 % 4.00 dB	0.1 %	_
0.1 % 4.82 dB 0.01 % 5.32 dB 0.001 % 5.51 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man
0.0001 % dB Peak 5.64 dB	0.001 %	Freq Offset 0 Hz
26.79 dBm	0.0001 % 0 dB 20 c Info BW 8.0000 MHz	В

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 9 of 53

FCC ID: 2AMO6QPHONE2019A

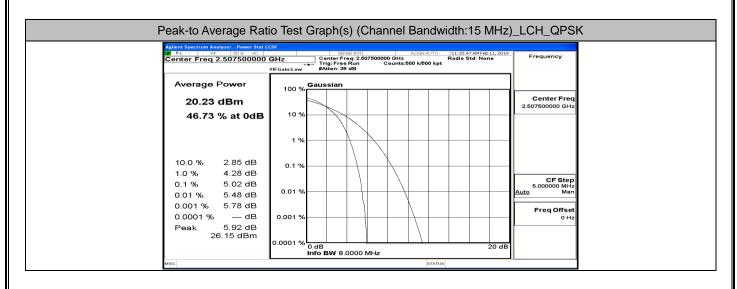


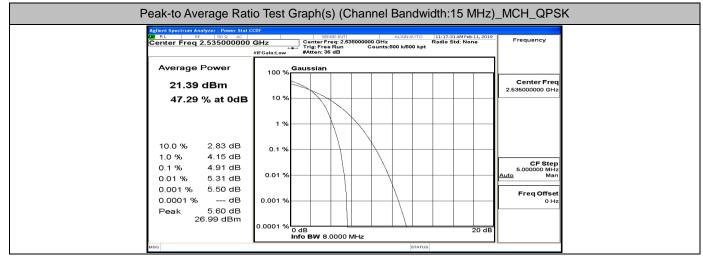


Peak-to Average Ratio	o Test Graph(s) (Channel Bandwidth: 10 MHz	_HCH_16QAM
047 RL RF 50 G AC Center Freq 2.565000000	SENSE:INT ALIGN AUTO 11:14:11 AM Feb 11, 201	- Frequency
Average Power 20.19 dBm	100 % Gaussian	Center Freq 2.56500000 GHz
44.48 % at 0dB	10 %	
10.0 % 2.92 dB 1.0 % 4.71 dB	0.1 %	CF Step
0.1 % 5.67 dB 0.01 % 6.22 dB 0.001 % 6.63 dB	0.01 %	5.00000 MHz Auto Freq Offset
0.0001 % dB Peak 6.78 dB 26.97 dBm	0.0001 % 0.0001 %	0 Hz
ма	0.000 M / 0 dB 20 dE Info BW 8.0000 MHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 10 of 53

FCC ID: 2AMO6QPHONE2019A

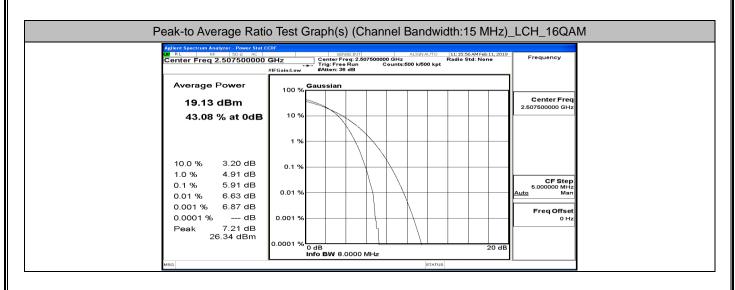


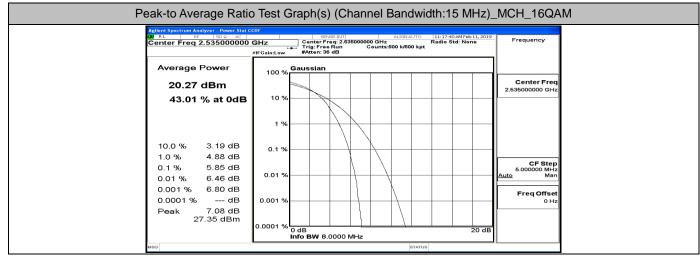


Agilent Spectrum Analyzer - Power Stat		
Center Freq 2.562500000 Average Power	#IFGain:Low #Atten: 86 dB	10 Frequency
19.91 dBm 46.86 % at 0dB		Center Freq 2.562500000 GHz
10.0 % 2.89 dB 1.0 % 4.30 dB 0.1 % 5.03 dB	0.1 %	CF Step
0.01 % 5.46 dB 0.001 % 5.77 dB 0.0001 % dB	0.01%	6.00000 MHz Auto Man Freq Offset 0 Hz
Peak 5.84 dB 25.75 dBm	0.0001 % 0 dB 20 d info BW 8.0000 MHz 20 d	в

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 11 of 53

FCC ID: 2AMO6QPHONE2019A

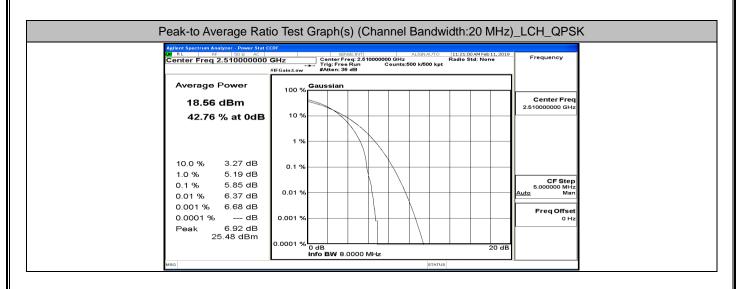


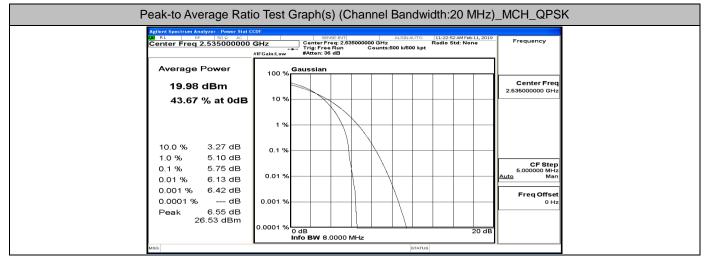


Peak-to Average Ratio	o Test Graph(s) (Channel Bandwidth:15 MHz)	_HCH_16QAM
Center Freq 2.56250000	SENSE:INT ALIGN AUTO 11:19:25 AM Feb 11, 2015	Frequency
Average Power 18.88 dBm	100 % Gaussian	Center Freq 2.562500000 GHz
42.20 % at 0dB	1 %	
10.0 % 3.28 dB 1.0 % 5.14 dB	0.1 %	CF Step
0.1 % 6.26 dB 0.01 % 6.95 dB 0.001 % 7.49 dB	0.01 %	5.00000 MHz <u>Auto</u> Man
0.0001 % dB Peak 8.04 dB 26.92 dBm	0.001 %	Freq Offset 0 Hz
490	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 12 of 53

FCC ID: 2AMO6QPHONE2019A

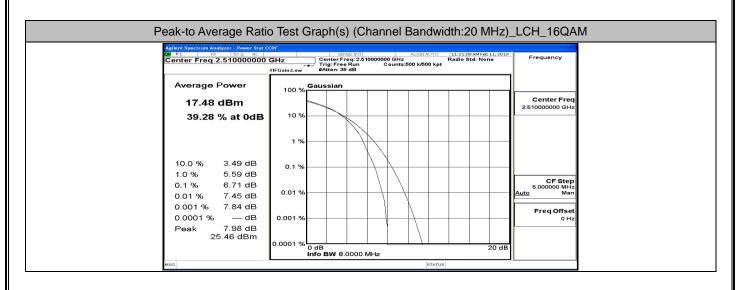


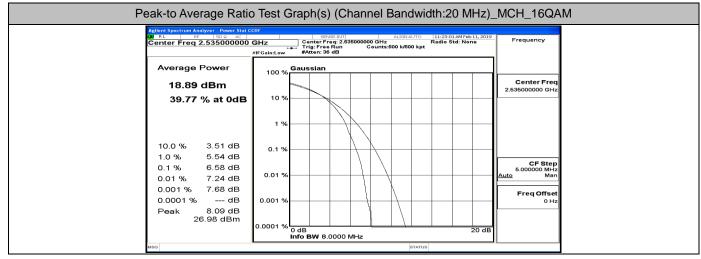


Agilent Spectrum Analyzer - Power Stat Co		
00 RL RF 50Ω AC Center Freq 2.5600000000	GHZ Center Freq: 2650000000 GHz Radio Std: None Trig: Free Run Counts:500 k/500 kpt #IFGain:Low #Atten: 36 dB	9 Frequency
Average Power	100 % Gaussian	
18.35 dBm 43.28 % at 0dB	10 %	Center Freq 2.560000000 GHz
10.0 % 3.23 dB 1.0 % 5.06 dB	0.1 %	_
0.1 % 5.79 dB 0.01 % 6.35 dB 0.001 % 6.68 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man
0.0001 % 0.08 dB 0.0001 % dB Peak 6.98 dB 25.33 dBm	0.001 %	Freq Offset 0 Hz
25.33 dBm	0.0001 % 0 dB 2000 MHz 20 dl	3

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 13 of 53

FCC ID: 2AMO6QPHONE2019A





Agilent Spectrum Analyzer - Power Stat C 04 RL RF 50 Q AC	SENSE:INT ALIGN AUTO 11:25:03 AM Feb 11, 2019	
Center Freq 2.560000000 Average Power	#IF Gain:Low #Atten: 36 Gaussian	Frequency
17.38 dBm 39.53 % at 0dB	100 %	Center Freq 2.560000000 GHz
	1 %	
10.0 % 3.47 dB 1.0 % 5.53 dB	0.1 %	05.00
0.1 % 6.80 dB 0.01 % 7.47 dB 0.001 % 7.85 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man
0.0001 % dB Peak 8.19 dB	0.001 %	Freq Offset 0 Hz
25.57 dBm	0.0001 % 0 dB 20 dB 20 dB	
MSG	STATUS	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 14 of 53

1.3 ZOUB Balluwid	ith and Occupied E	Sanuwiutn		
	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wodulation	Channel	(MHz)	(MHz)	Verdici
	LCH	4.4775	4.965	PASS
QPSK	MCH	4.4824	4.854	PASS
	HCH	4.4807	4.924	PASS
	LCH	4.4807	4.847	PASS
16QAM	MCH	4.4788	4.862	PASS
	НСН	4.4749	4.832	PASS

I.3 26dB Bandwidth and Occupied Bandwidth

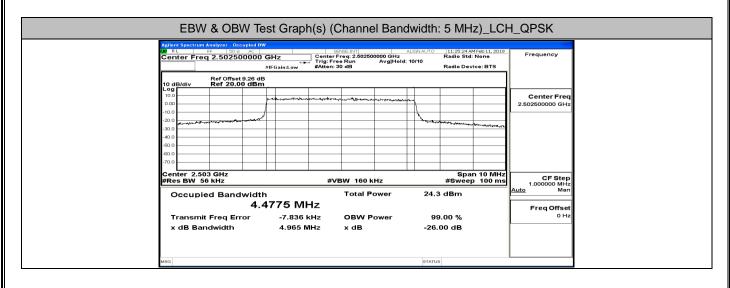
	EBW & OBW Te	est Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	8.9757	9.707	PASS
QPSK	MCH	8.9477	9.517	PASS
	HCH	8.9379	9.487	PASS
	LCH	8.9543	9.497	PASS
16QAM	MCH	8.9467	9.501	PASS
	НСН	8.9413	9.470	PASS

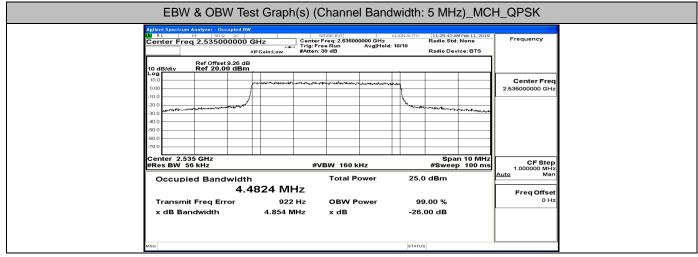
	EBW & OBW Te	est Result (Channel Band	dwidth: 15 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	13.480	18.32	PASS
QPSK	MCH	13.416	15.74	PASS
	НСН	13.405	14.06	PASS
	LCH	13.444	14.20	PASS
16QAM	MCH	13.398	14.09	PASS
	НСН	13.410	14.10	PASS

	EBW & OBW Te	est Result (Channel Band	dwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	Verdict
	LCH	17.961	18.97	PASS
QPSK	MCH	17.821	18.70	PASS
	HCH	17.893	18.62	PASS
	LCH	17.943	18.87	PASS
16QAM	MCH	17.826	18.79	PASS
	HCH	17.873	18.63	PASS

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 15 of 53

FCC ID: 2AMO6QPHONE2019A

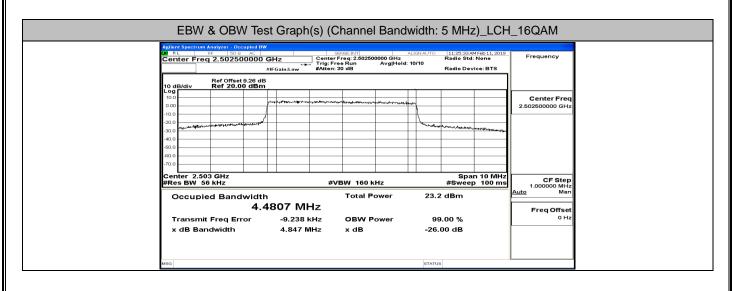


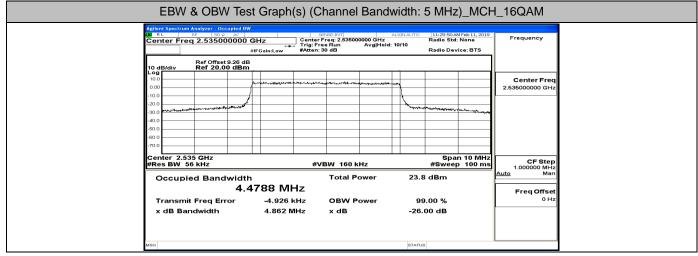


Center Freq 2.567500000) GHz	SENSE: INT Center Freq: 2.56 Trig: Free Run		LIGN AUTO	11:26:01 AM Radio Std:	1Feb 11, 2019 None	Frequency
Ref Offset 8.94 d	#IFGain:Low	#Atten: 30 dB			Radio Devi	ce: BTS	
		าวะหรือการส ^{ุญ} าต [ุ] การ-จะส _า นก	R	wq			Center Freq 2.567500000 GHz
-10.0 -20.0	4			Wenner	Manageration	And De Charger of Barry	
-30.0							
-60.0				_			
Center 2.568 GHz #Res BW 56 kHz		#VBW 16) kHz			10 MHz 100 ms	CF Step 1.000000 MHz
Occupied Bandwidt 4.	հ 4807 MH		Power	23.8	3 dBm		Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	122 4.924 №		Power		9.00 % 00 dB		0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 16 of 53

FCC ID: 2AMO6QPHONE2019A

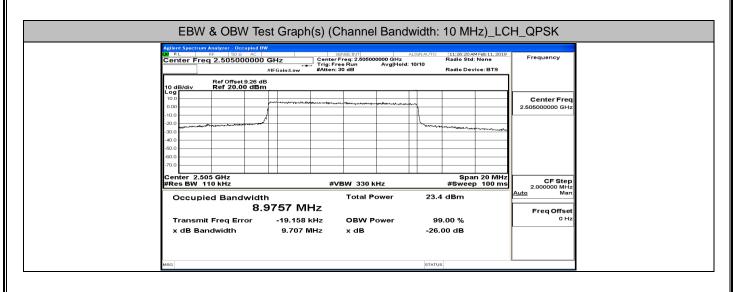


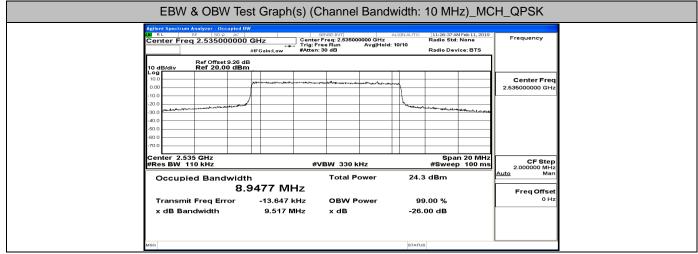


Center Freq 2.56750000) GHz	-	Center Fr	JSE: INT eq: 2.56750	0000 GHz	IGN AUTO	11:26:10 A Radio Std	M Feb 11, 2019 None	Frequency
		ain:Low	#Atten: 30	Run dB	Avg Hold: 10	0/10	Radio Dev	ice: BTS	
Ref Offset 8.94 c 10 dB/div Ref 20.00 dB									
10.0	prove		يوساد مردرون مقور والدال	المرجعينات	-				Center Freq 2.567500000 GHz
-10.0 -20.0 -30.0	Д					A ward as	ware ted there a		
-40.0								and deal along	
-50.0									
Center 2.568 GHz								n 10 MHz	CF Step
#Res BW 56 kHz Occupied Bandwid	th		#VE	W 160 k		22.	#sweer	o 100 ms	1.000000 MHz Auto Man
		19 MH	Ιz						Freq Offset
Transmit Freq Error x dB Bandwidth		-351 4.832 №		OBW P x dB	ower		9.00 % .00 dB		0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 17 of 53

FCC ID: 2AMO6QPHONE2019A

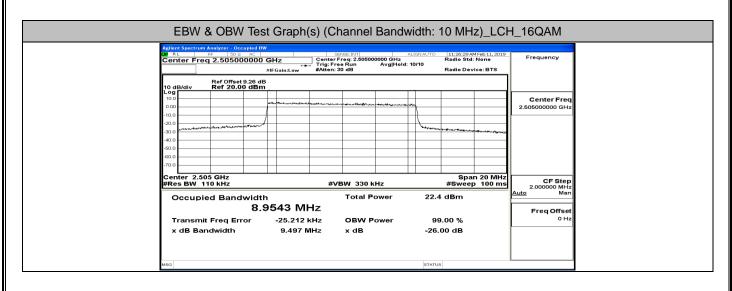


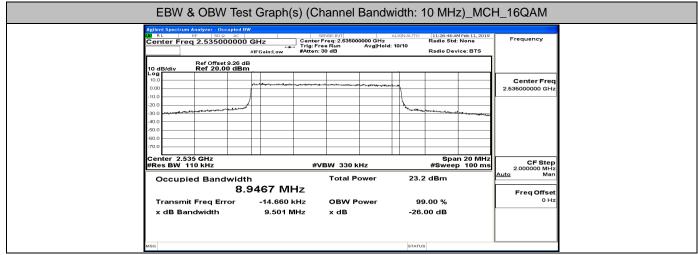


Aglent Spectrum Analyzer - Occupied BW RL RF 200 AC Center Freq 2.565000000 GH #IFC Ref Offset 8.94 dB		eq: 2.565000000 GHz Run Avg Hold: 10	NAUTO 11:26:57 AM Feb 11, 2019 Radio Std: None /10 Radio Device: BTS	Frequency
10 del/u Ref 20.00 dBm 100 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 - 000 -			The second secon	Center Freq 2.565000000 GHz
Center 2.565 GHz #Res BW 110 kHz Occupied Bandwidth 8.93 Transmit Freq Error	79 MHz	W 330 kHz Total Power OBW Power	Span 20 MHz #Sweep 100 ms 23.1 dBm 99.00 %	CF Step 2.000000 MHz Man Freq Offset 0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 18 of 53

FCC ID: 2AMO6QPHONE2019A

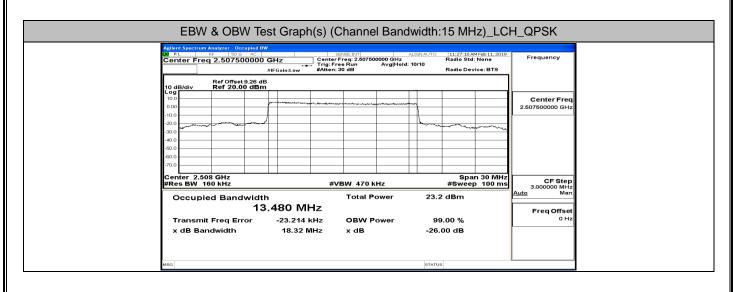


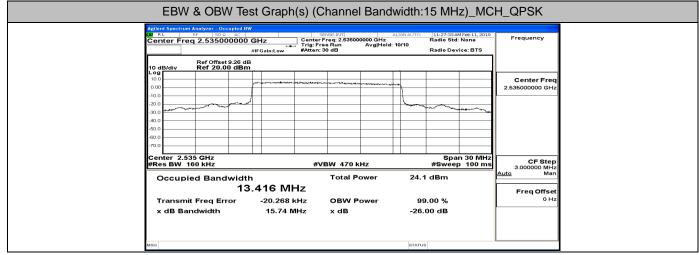


Agilent Spectrum Analyzer - Occupied BW XXI RL RF 50 Ω AC Center Freq 2.565000000 □	GHz Center F	req: 2.565000000 GHz	IGNAUTO 11:27:05 AM Feb 11, 2019 Radio Std: None	Frequency
	#IFGain:Low #Atten: 3		0/10 Radio Device: BTS	
Ref Offset 8.94 dB 10 dB/div Ref 20.00 dBm			<u>, , , , , , , , , , , , , , , , , , , </u>	
0.00	an mar and a second			Center Freq 2.565000000 GHz
-10.0			muner warmen and and	
-30.0 -40.0 -50.0				
-60.0				
Center 2.565 GHz #Res BW 110 kHz	#VI	330 kHz	Span 20 MHz #Sweep 100 ms	CF Step
Occupied Bandwidth		Total Power	22.1 dBm	2.000000 MHz <u>Auto</u> Man
8.9 Transmit Freg Error	6.436 kHz	OBW Power	99.00 %	Freq Offset 0 Hz
x dB Bandwidth	9.470 MHz	x dB	-26.00 dB	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 19 of 53

FCC ID: 2AMO6QPHONE2019A

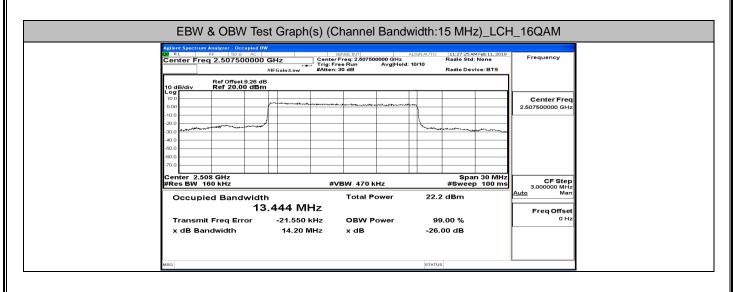


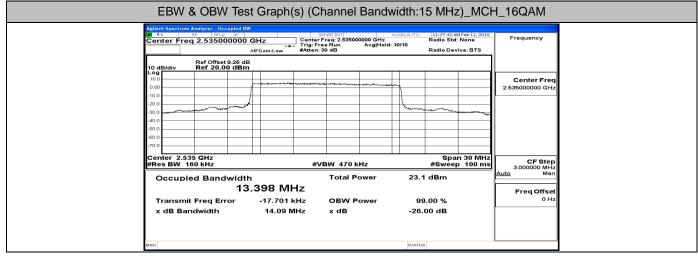


Center Freq 2.562500000		SENSE:INT	ALIGN AUTO 11:27:52 AM Feb 11, 201 Radio Std: None	Frequency
Center Freq 2.502500000	Trig: F	reeRun Avg Hold :30 dB		
Ref Offset 8.94 d 10 dB/div Ref 20.00 dB				
Log 10.0				Center Freq
-10.0	1			
-30.0	/		man and a second a	
-40.0				
-60.0				
Center 2.563 GHz #Res BW 160 kHz	#	VBW 470 kHz	Span 30 MH: #Sweep 100 m	CF Step
Occupied Bandwidt	h	Total Power	22.7 dBm	3.000000 MHz <u>Auto</u> Man
1:	3.405 MHz			Freq Offset
Transmit Freq Error x dB Bandwidth	16.269 kHz 14.06 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 20 of 53

FCC ID: 2AMO6QPHONE2019A

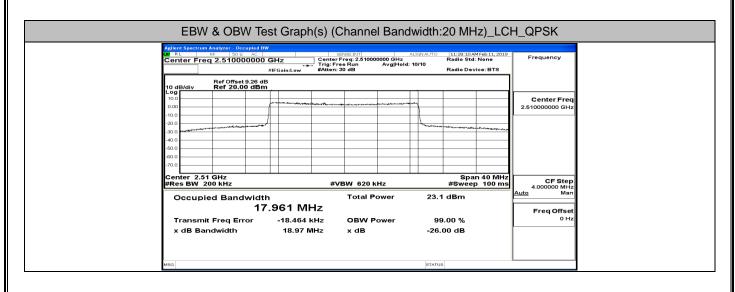


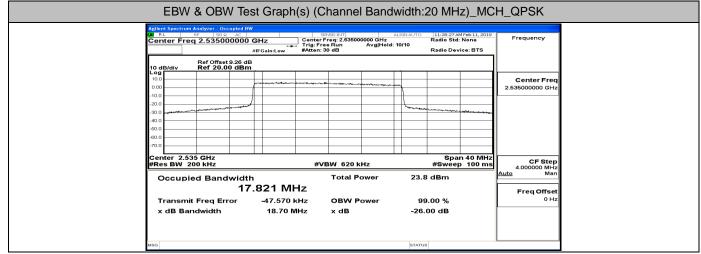


Center Freq 2.562500000) GHz	SENSE:INT Center Freq: 2.56250 Trig: Free Run		GN AUTO	Radio Std:		Frequency
Ref Offset 8.94 d 10 dB/div Ref 20.00 dBr		#Atten: 30 dB			Radio Devi	ice: BTS	
Log 10.0 0.00	par presentario						Center Freq 2.562500000 GHz
-10.0				homen	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- Annalis annume	
-30.0 -40.0 -50.0 -60.0							
Center 2.563 GHz					Spar	1 30 MHz	
#Res BW 160 kHz Occupied Bandwidt		#VBW 470 k		21.7		100 ms	CF Step 3.000000 MHz <u>Auto</u> Man
	 3.410 Mł		ower	21.7	GBIII		Freq Offset
Transmit Freq Error x dB Bandwidth	7.118 ⊮ 14.10 №		ower		.00 %)0 dB		0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 21 of 53

FCC ID: 2AMO6QPHONE2019A

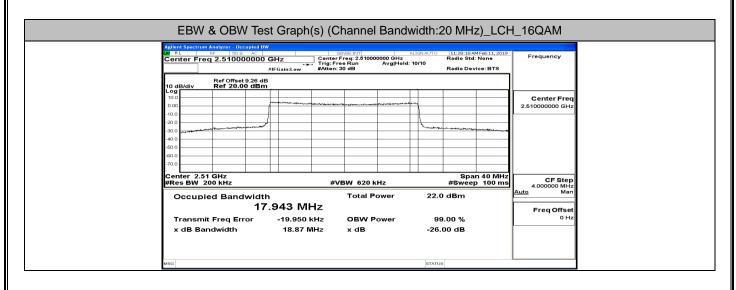


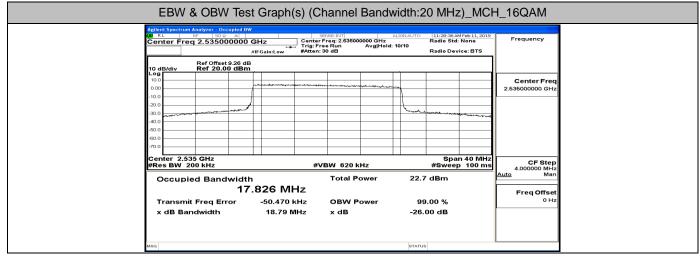


Agilent Spectrum Analyzer - Occupied BV			SE:INT eq: 2.56000		IGNAUTO	11:28:46 A	M Feb 11, 2019	Frequency
Center Freq 2.560000000	GHZ #IFGain:Low		Run	Avg Hold: 10	0/10	Radio Dev		
Ref Offset 8.94 dE	3							
10.0								Center Freq
-10.0					1			2.560000000 GHz
-20.0	/				harris			
-30.0					very operate			
-50.0								
-60.0								
Center 2.56 GHz						0	n 40 MHz	
#Res BW 200 kHz		#VB	W 620 k	Hz			n 40 MHz p 100 ms	CF Step 4.000000 MHz
Occupied Bandwidt	า		Total P	ower	22.3	dBm		<u>Auto</u> Man
17	.893 MF	lz						Freq Offset
Transmit Freq Error	16.730 k	Hz	OBW P	ower	99	0.00 %		0 Hz
x dB Bandwidth	18.62 M	Hz	x dB		-26.	00 dB		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 22 of 53

FCC ID: 2AMO6QPHONE2019A

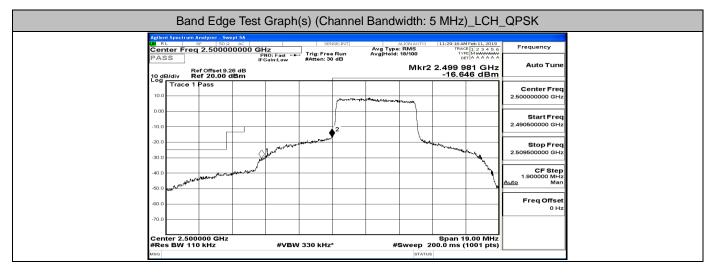




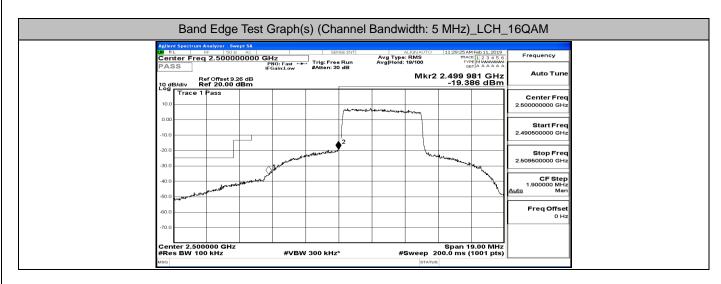
Center Freq 2.560000000		SENSE:INT	ALIGN AUTO	11:28:55 AM Fe Radio Std: No		Frequency
Center Freq 2.58000000			iold: 10/10	Radio Device		
Ref Offset 8.94 d 10 dB/div Ref 20.00 dBr						
10.00		and a second	um.mbm.um.r.			Center Freq 2,56000000 GHz
-10.0	1					
-30.0	/		- K			
-40.0						
-60.0						
Center 2.56 GHz				Span 4	10 MHz	
#Res BW 200 kHz		#VBW 620 kHz		#Sweep		CF Step 4.000000 MHz
Occupied Bandwidt		Total Power	21.	4 dBm		<u>Auto</u> Man
	7.873 MHz					Freq Offset
Transmit Freq Error	18.926 kH 18.63 MH			9.00 % .00 dB		0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 23 of 53

I.4 Band Edge

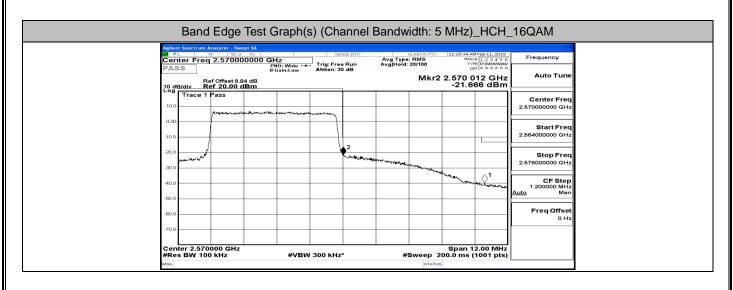


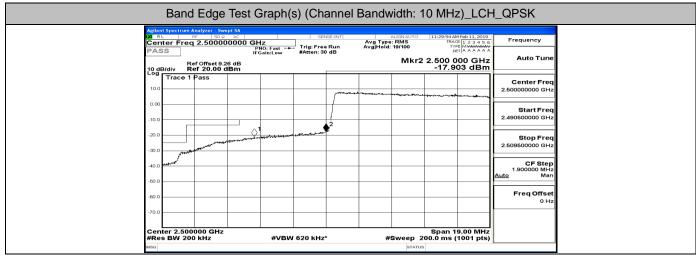
Ar			d Edge		Graph(s) (Cł	nannel	Bandv	vidth: 5	5 MHz)	_HCH_	_QPSK
	RL	er Frec	RF 50 9 2.57000 ef Offset 8.3 ef 20.00	AC 00000 G II 94 dB	Hz NO: Wide ↔ Gain:Low	1	e Run 0 dB	Avg Type Avg Hold:	20/100	2.570 0	12 GHz 12 GHz 12 GHz 16 dBm	Frequency Auto Tune
1	DCI -	Trace 1	Pass		يەر قىرمەر قىرىيەت قىرىيەت رور يە	~~~~~						Center Freq 2.57000000 GHz
-10	0.0	annel					2					Start Freq 2.56400000 GHz Stop Freq
	0.0 -								¹ 98-1-94,1- 4 4,4	and the second	1	2.57600000 GHz CF Step 1.200000 MHz
-61												Auto Man Freq Offset 0 Hz
c		r 2.570 BW 11	0000 GHz		#VBW	330 kHz	*	#	Sweep 2	Span 1: 00.0 ms (2.00 MHz 1001 pts)	
MS									STATUS	,	F 7	



This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 24 of 53

FCC ID: 2AMO6QPHONE2019A

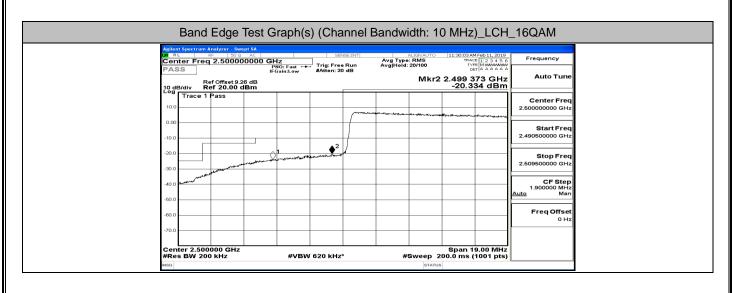


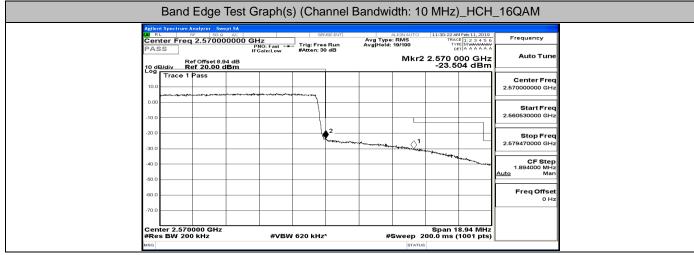


	Bar	nd Edg	e Test (Graph(s) (Ch	annel	Bandw	idth: 1	0 MHz)_HCF	I_QPSK
LXI F	nter Fr		Ω AC 000000 GI	Hz NO: Fast ↔		e Run	Avg Type Avg Hold:	ALIGN AUTO : RMS 18/100	TRAC	Feb 11, 2019 E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
	B/div	Ref Offset Ref 20.00	3.94 dB	Gain:Low	whiten. a			Mkr2	2.570 0	38 GHz 99 dBm	Auto Tune
10.0		1 Pass	****								Center Freq 2.570000000 GHz
-10.0											Start Freq 2.560513000 GHz
-20.0						2	a the second states	1			Stop Freq
-30.0									and an and a strategy of the state	" and a strengt	2.579487000 GHz
-50.0											1.897400 MHz <u>Auto</u> Man
-60.0											Freq Offset 0 Hz
		70000 GH	z						Span 1	8.97 MHz	
		200 kHz		#VBW	620 kHz	*	#	Sweep 2	00.0 ms (

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 25 of 53

FCC ID: 2AMO6QPHONE2019A

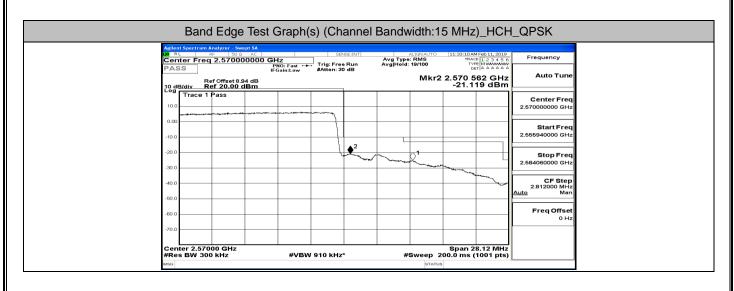




Agilent Spectrum Analyzer - Swept SA				
RL RF 50 Ω AC Center Freq 2.500000000		ALIGNAUTO Avg Type: RMS Run Avg[Hold: 18/100	11:30:32 AM Feb 11, 2019 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency
Ref Offset 9.26 dB Ref 20.00 dBm	IFGain:Low #Atten: 30	dB	2 2.499 335 GHz -16.593 dBm	Auto Tune
Trace 1 Pass				Center Freq 2.50000000 GHz
-10.0				Start Freq 2.490500000 GHz
-20.0				Stop Freq 2,509500000 GHz
-30.0				CF Step
-40.0				1.900000 MHz Auto Man
-60.0				Freq Offset 0 Hz
-70.0				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 26 of 53

FCC ID: 2AMO6QPHONE2019A

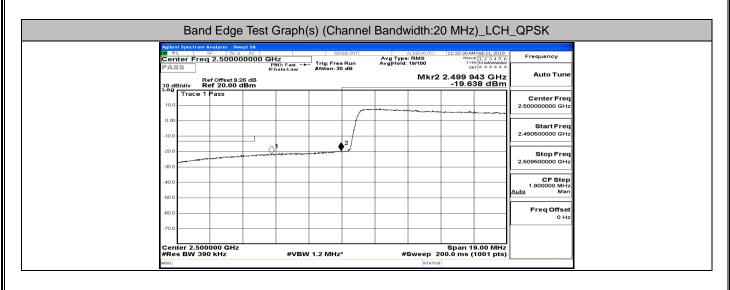


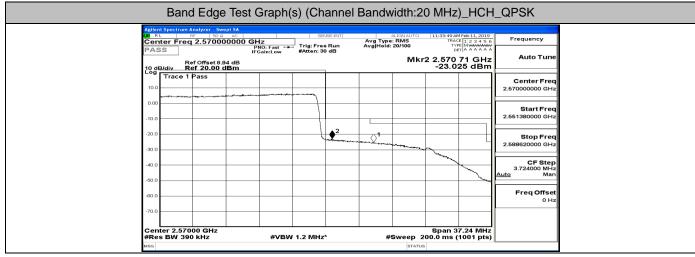
	Ba	nd Edge	Test G	raph(s	s) (Cha	annel	Bandw	dth:15	MHz)	_LCH_	_16QAM
<mark>ии</mark> Се	RL	rrum Analyzer - Swe RF 50 Ω Freq 2.50000	AC 0000 GH PN IFG	Z IO: Fast ↔ ain:Low		NSE:INT B Run D dB	Avg Type Avg Hold:	20/100		Feb 11, 2019 1 2 3 4 5 6 MWWWWW A A A A A A 81 GHz	
19	Tra	Ref Offset 9.2 Ref 20.00 d ce 1 Pass	5 dB Bm						-20.52	22 dBm	Center Freq 2.50000000 GHz
0.							********	****	·····		Start Freq 2.490500000 GHz
-20				1		27					Stop Freq 2.50950000 GHz
-40											CF Step 1.900000 MHz <u>Auto</u> Man
-60											Freq Offset 0 Hz
	enter 2	.500000 GHz √ 300 kHz		#VBW	910 kHz	*	#	weep 2		9.00 MHz 1001 pts)	
MSC								STATUS		pto,	

Agilent Spectrum Analyzer - Swept SA ΟΜ RL RF 50 Ω AC		ALIGNAUTO	11:33:19 AM Feb 11, 2019	Frequency
Center Freq 2.57000000 PASS	PNO: Fast Trig: Free Run IEGain: Low #Atten: 30 dB	Avg Type: RMS Avg Hold: 20/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	
Ref Offset 8.94 dB		Mkr2 2	.572 961 0 GHz -24.381 dBm	Auto Tune
Trace 1 Pass				Center Freq
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				2.570000000 GHz
0.00				Start Freq 2.555900000 GHz
-10.0				2.000000 GH2
-20.0	Vanna	2 0 ¹		Stop Freq 2,584100000 GHz
-30.0		and the second s		
-40.0				CF Step 2.820000 MHz Auto Man
-60.0				
-60.0				Freq Offset 0 Hz
-70.0				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 27 of 53

FCC ID: 2AMO6QPHONE2019A





Agilent S	Spectrum	Analyzer - Sw RF 50 G			SE	NSE:INT		ALIGN AUTO	11:33:39 AN	4 Feb 11, 2019	_
Cente PASS			00000 GH	NO: Fast	Trig: Fre	e Run	Avg Ty Avg Ho	pe: RMS ld: 19/100	TRAC TYP		Frequency
10 dB/	,	Ref Offset 9. Ref 20.00	26 dB	Sain:Low	#Atten: 3	0 dB		Mkr	2 2.499 5		Auto Tune
10.0	Trace	Pass									Center Freq 2.500000000 GHz
0.00						+ f			40 M	5 m	Start Freq 2.490500000 GHz
-10.0					•						Stop Freq
-30.0 M		******									2.509500000 GHz
-40.0											CF Step 1.900000 MHz <u>Auto</u> Man
-60.0											Freq Offset 0 Hz
-70.0							_				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 28 of 53

FCC ID: 2AMO6QPHONE2019A

Band Edge Test C	Graph(s) (Channel B	andwidth:20 MHz)_HCH	_16QAM
Agilent Spectrum Analyzer - Swept SA	HZ PNO: Fast	ALIGNAUTO 11:33:58 AM Feb 11, 2019 Avg Type: RMS TRACE 12 3 4 5 6 Avg Hold: 19/100 TYPE MWWWWW DET A A A A A	Frequency
Ref Offset 8.94 dB	FGain:Low #Atten: 30 dB	Mkr2 2.571 01 GHz -24.689 dBm	Auto Tune
Log Trace 1 Pass			Center Freq 2.570000000 GHz
0.00			Start Freq 2.551370000 GHz
-20.0	¢ ²		Stop Freq
-30.0		million and management of the second	2.588630000 GHz
-50.0			3.726000 MHz <u>Auto</u> Man
-60.0			Freq Offset 0 Hz
Center 2.57000 GHz		Span 37.26 MHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 29 of 53

# **I.5 Conducted Spurious Emission**

						aph(s	s) (C	hanr	nel Ba	andv	vidth	n: 5 N	1Hz)_L	_CH_Q	PSK
1,21	RL	spectrum er Frec	RF	50 Q 🔥 [	×	NO: Wide		SEN	SE:INT	Ave	Al Type:  Hold: 8	IGNAUTO	11:34:23 A	M Feb 11, 2019 CE 1 2 3 4 5 6 PE MWWWWW DET A A A A A A	Frequency
10	dB/	div R	tef Offse tef 8.5	t 8.58 d BdBm		'NO: Wide Gain:Low	#	Atten: 22	dB		prioria: o			141 kHz 554 dBm	
-1.															Center Freq 79.500 kHz
-11															Start Freq 9.000 kHz
-31				_											Stop Freq 150.000 kHz
-41														-55.00 dBm	CF Step 14.100 kHz
-61	1.4 1.4	1 VWU MU	mal .	0											Auto Man Freq Offset
-81	1.4 -	Υ 1 	( WANNY	n Manut	r Ynw	manna	Mann	wh.Mp	fundant	MAN	produl	h hhhydrhau	WWWW	Anna ann	0 Hz
St #F	tart Res	9.00 kH BW 1.0	z				BW 3.0						Stop 1 74.0 ms	50.00 kHz (1001 pts)	
Agi	ilent R L	spectrum er Fred	RF	50 Q 🔥 [				SEN	SE:INT	Ave	AL Type:	IGNAUTO	11:34:284	M Feb 11, 2019	Frequency
		R	tef Offse tef 8.5		li li	PNO: Fast Gain:Low	T #/	rig: Free Atten: 10	Run dB	Avg	Type:  Hold: 8		/kr1 2.1	180 MHz 353 dBm	Auto Tune
10 Lo			(er 8.5)		•								-04.0		Center Freq 15.075000 MHz
-11				_											Start Freq 150.000 kHz
-21															Stop Freq
-41		1												-45.00 dBm	30.000000 MHz CF Step
-61	1.4			_											2.985000 MHz <u>Auto</u> Man Freq Offset
-71		MA AI	M.M.	Al-land	Marson .							d. 61	h		0 Hz
St #F	tart Res	150 kH BW 10		. How	.464-344		BW 30		hann, nan de	1.1471. <b>1</b> 9494				կովություն 30.00 MHz (1001 pts)	
LXI	RL	Spectrum	RF	50 Q /	AC			SEN	SE:INT		AL		DC Co		
		er Fred			IF IF	GHZ NO: Fast Gain:Low	·•• #	rig: Free Atten: 40	Run	Avg Avg	Type:  Hold: 4		kr2 25.	MFeb 11, 2019 CE 1 2 3 4 5 6 (PE MWWWW DET A A A A A A 688 GHz	Auto Tune
18 20		div R	tef Offse tef 30.	00 dB	m								-30.5	512 dBm	Center Freq
10			1	_											13.015000000 GHz Start Freq
-10	.00 - 0.0 -														30.000000 MHz
-20	H													-25.00 c	Stop Freq 26.00000000 GHz
-30		and a read to be	have		and the second sec		****			-	n an	,		- pour to aver	<b>CF Step</b> 2.597000000 GHz <u>Auto</u> Man
-50															Freq Offset 0 Hz
St	lart	30 MH: BW 1.0	z n MHz			#\/	BW( 3 /	0 MHz*				ween	Stop 2	26.00 GHz (1001 pts)	
# <b>F</b>		599 1.0				#V					5	STATU:		(1001 pts)	· IL

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 30 of 53