Appendix C: Test Data for E-UTRA Band 12

Product Name: AW1-A

Trade Mark: COVERT

Test Model: 5466

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	53.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Wang Chuang

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		Conducted	Output Pow	ver Test Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vordiot
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	19.32	18.52	PASS
		1	3	19.45	18.69	PASS
		1	5	19.25	18.40	PASS
	LCH	3	0	19.41	18.56	PASS
		3	2	19.39	18.50	PASS
		3	3	19.31	18.43	PASS
		6	0	18.32	17.30	PASS
		1	0	18.93	18.26	PASS
		1	3	18.96	18.40	PASS
QPSK /		1	5	18.92	18.28	PASS
16QAM	MCH	3	0	18.96	17.95	PASS
TOQAIN		3	2	18.98	18.04	PASS
		3	3	18.97	17.99	PASS
		6	0	17.96	16.96	PASS
		1	0	18.95	18.15	PASS
		1	3	19.09	18.29	PASS
		1	5	18.85	18.09	PASS
	НСН	3	0	19.04	18.03	PASS
		3	2	19.07	18.00	PASS
		3	3	18.98	18.00	PASS
		6	0	17.95	17.09	PASS

C.1 Conducted Output Power

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		Conducte	d Output Pov	ver Test Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict
		1	0	19.32	18.64	PASS
		1	7	19.38	18.71	PASS
		1	14	19.14	18.34	PASS
	LCH	8	0	18.25	17.38	PASS
		8	4	18.15	17.34	PASS
		8	7	18.10	17.21	PASS
		15	0	18.18	17.13	PASS
		1	0	19.05	18.20	PASS
		1	7	19.02	18.37	PASS
QPSK /		1	14	18.88	18.20	PASS
16QAM	MCH	8	0	17.99	16.99	PASS
IOQAM		8	4	18.03	17.07	PASS
		8	7	17.94	16.97	PASS
		15	0	17.91	16.87	PASS
		1	0	18.79	18.14	PASS
		1	7	19.19	18.51	PASS
		1	14	18.87	18.24	PASS
	НСН	8	0	17.84	16.92	PASS
		8	4	17.87	16.95	PASS
		8	7	17.96	16.92	PASS
		15	0	17.84	16.83	PASS

		1	d Output Pov figuration	ver Test Result (Channel Ban Average Power [dBm]	dwidth: 5 MHz) Average Power [dBm]	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	19.21	18.65	PASS
		1	12	19.14	18.74	PASS
		1	24	18.84	18.16	PASS
	LCH	12	0	18.14	17.35	PASS
		12	6	18.08	17.29	PASS
		12	13	18.08	17.27	PASS
		25	0	18.16	17.20	PASS
		1	0	18.97	18.26	PASS
		1	12	19.21	18.55	PASS
QPSK /		1	24	18.74	18.17	PASS
16QAM	MCH	12	0	17.96	17.14	PASS
IOQAIVI		12	6	18.03	17.18	PASS
		12	13	17.82	16.98	PASS
		25	0	17.91	16.94	PASS
		1	0	18.88	17.88	PASS
		1	12	18.98	18.02	PASS
		1	24	18.81	17.81	PASS
	НСН	12	0	17.84	16.85	PASS
		12	6	17.88	16.93	PASS
		12	13	17.95	17.01	PASS
		25	0	17.93	16.97	PASS

		Conducted	d Output Pow	er Test Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel		figuration	Average Power [dBm]	Average Power [dBm]	Verdict
modulation	onannor	Size	Offset	QPSK	16QAM	Voraiot
		1	0	19.27	18.63	PASS
		1	24	19.08	18.45	PASS
		1	49	18.90	18.14	PASS
	LCH	25	0	17.93	16.93	PASS
		25	12	17.97	16.99	PASS
		25	25	18.03	17.02	PASS
		50	0	17.90	16.90	PASS
		1	0	18.85	18.11	PASS
		1	24	19.12	18.39	PASS
		1	49	18.88	18.18	PASS
QPSK /	MCH	25	0	17.88	16.91	PASS
16QAM		25	12	18.00	17.01	PASS
		25	25	17.76	16.83	PASS
		50	0	17.84	16.84	PASS
		1	0	18.86	18.19	PASS
		1	24	19.01	18.45	PASS
		1	49	18.75	18.18	PASS
	НСН	25	0	18.21	17.25	PASS
		25	12	17.91	16.98	PASS
		25	25	17.89	16.93	PASS
		50	0	18.05	17.11	PASS

C.2 Peak-to-Average Ratio

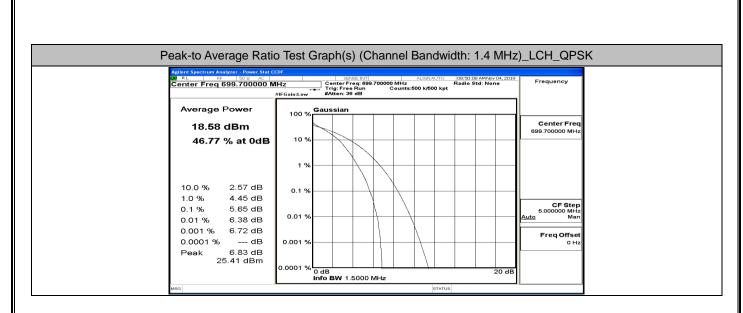
	Peak-to Average Rat	io Test Result (Channel	Bandwidth: 1.4 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
Modulation	Channel	[dB]	[dB]	Verdict
	LCH	5.65	<13	PASS
QPSK	MCH	5.21	<13	PASS
	НСН	5.28	<13	PASS
	LCH	6.6	<13	PASS
16QAM	MCH	6.1	<13	PASS
	НСН	6.16	<13	PASS

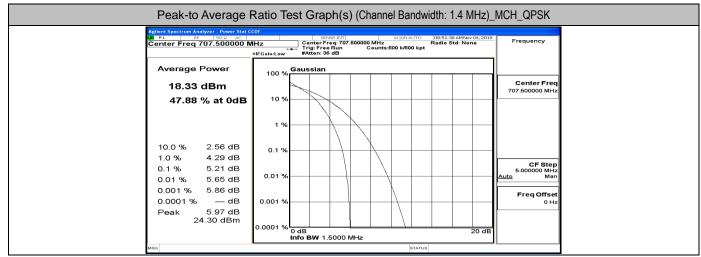
	Peak-to Average Ra	tio Test Result (Channel	Bandwidth: 3 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
wouldton	Channel	[dB]	[dB]	Verdict
	LCH	5.62	<13	PASS
QPSK	MCH	5.33	<13	PASS
	НСН	5.51	<13	PASS
	LCH	6.56	<13	PASS
16QAM	MCH	6.27	<13	PASS
	НСН	6.24	<13	PASS

	Peak-to Average Ra	atio Test Result (Channel	Bandwidth: 5 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
MODULATION	Channel	[dB]	[dB]	Verdict
	LCH	5.69	<13	PASS
QPSK	MCH	5.38	<13	PASS
	НСН	5.59	<13	PASS
	LCH	6.44	<13	PASS
16QAM	MCH	6.14	<13	PASS
	НСН	6.31	<13	PASS

	Peak-to Average Ra	tio Test Result (Channel	Bandwidth: 10 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
wouldton	Ghannei	[dB]	[dB]	Verdict
	LCH	5.48	<13	PASS
QPSK	MCH	5.34	<13	PASS
	НСН	5.65	<13	PASS
	LCH	6.17	<13	PASS
16QAM	MCH	6.15	<13	PASS
	НСН	6.33	<13	PASS

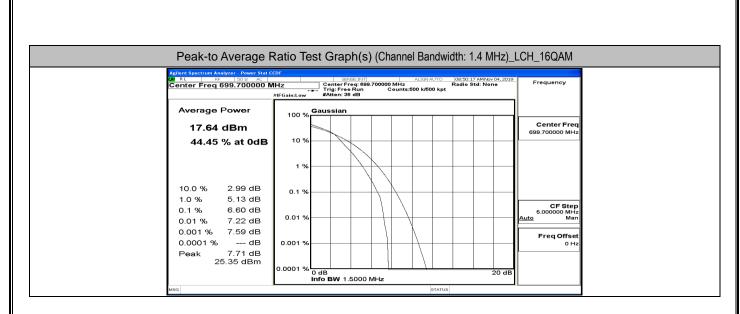
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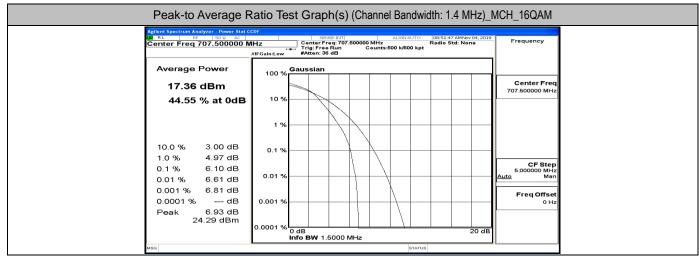




Peak-to Average	Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK
00 RL RF 500 AC Center Freq 715.300000 N	#IFGain:Low #Atten: 36 dB	10 Frequency
Average Power 18.35 dBm 48.18 % at 0dB	100 % Gaussian	Center Freq 715.300000 MHz
10.0 % 2.54 dB	1 % 0.1 %	
1.0 % 4.26 dB 0.1 % 5.28 dB 0.01 % 5.78 dB 0.001 % 6.03 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man Freq Offset
0.0001 % dB Peak 6.06 dB 24.41 dBm	0.0001 %	о Hz
MSG	Info BW 1.5000 MHz	

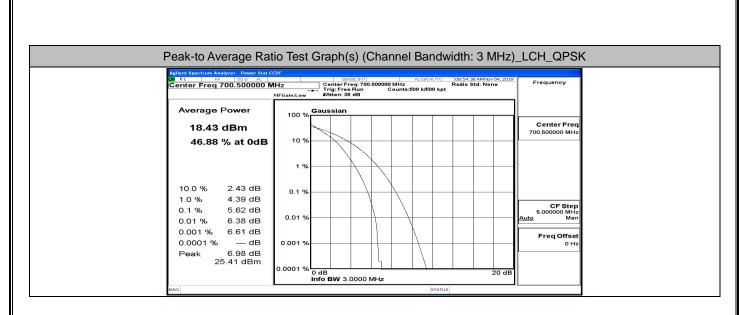
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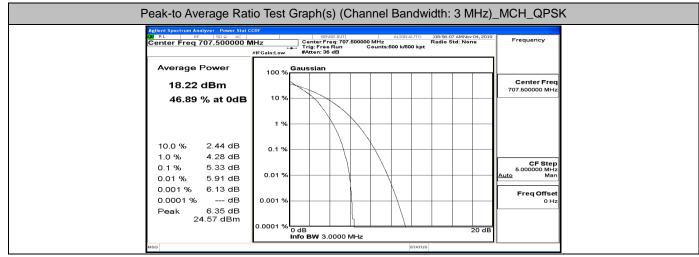




Agilent Spectrum Analyzer - Power Stat C		
Genter Freq 715.300000 M Center Freq 715.300000 M Average Power	#IFGain:Low #Atten: 36 dB	
17.42 dBm 45.03 % at 0dB	100 % Gaussian Center Freq 10 % 715.30000 MHz	
	1 %	
10.0 % 2.94 dB 1.0 % 4.93 dB	0.1 %	
0.1 % 6.16 dB 0.01 % 6.77 dB 0.001 % 7.02 dB	0.01 %	
0.0001 % dB Peak 7.07 dB 24.49 dBm	0.001 %	
	0.0001 % 0 dB 20 dB Info BW 1.5000 MHz	

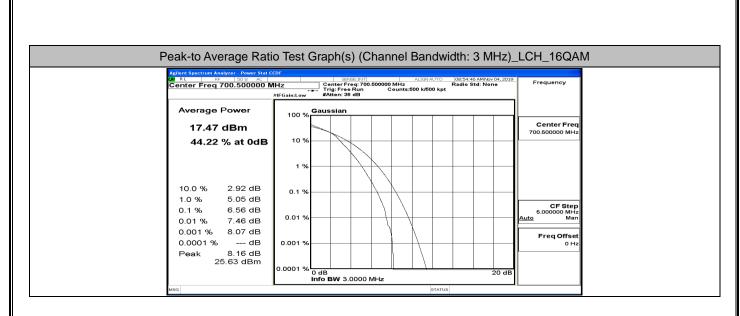
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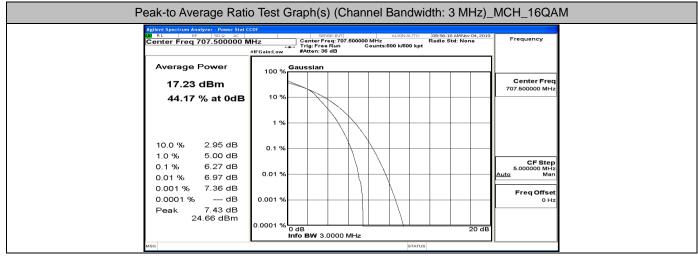




Anifent Spectrum Analyze, Down Si March 1997 1999 1990 199 Center Freq 714.500000	SENSE:INT ALIGN AUTO 08:57:36 AMNov 04, 201	
Average Power 18.26 dBm 46.99 % at 0df	100 % Gaussian	Center Freq 714.500000 MHz
10.0 % 2.41 dB	1%	
1.0 % 4.33 dB 0.1 % 5.51 dB 0.01 % 6.19 dB 0.001 % 6.58 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man Freq Offset
0.0001 % dB Peak 6.71 dB 24.97 dBm	0.001 % 0.0001 % 0 dB 20 dB 20 dB 20 dB	0 Hz

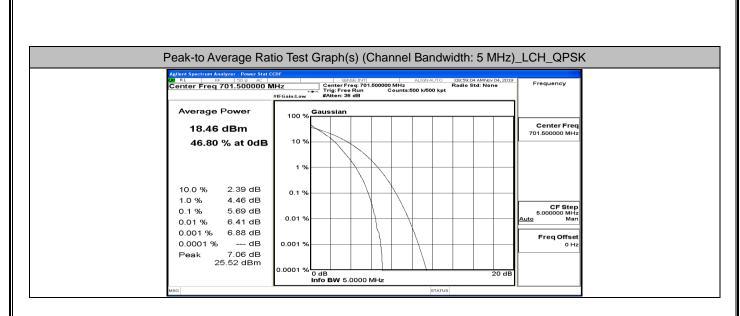
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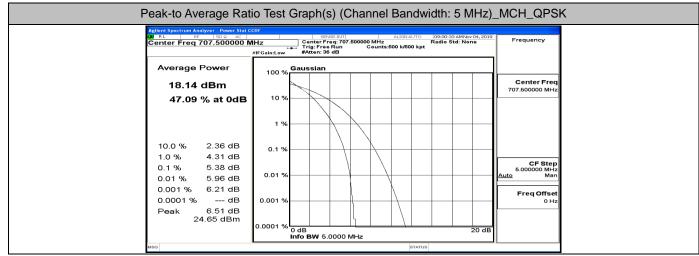




Apilent Spectrum Analyzer - Power Stat C M RL RF 150 9 AC Center Freq 714.500000 N	SENSE:INT ALIGN AUTO 08:57:44 AM Nov 04, 201	
Average Power 17.29 dBm 44.57 % at 0dB	100 % Gaussian	Center Freq 714.500000 MHz
10.0 % 2.91 dB	1 %	
1.0 % 4.95 dB 0.1 % 6.24 dB 0.01 % 7.03 dB 0.001 % 7.57 dB	0.01 %	CF Step 5.000000 MHz Auto Man Freq Offset
0.0001 % dB Peak 7.65 dB 24.94 dBm	0.001 % 0.0001 % 0 dB 20 df info BW 3.0000 MHz	0 Hz

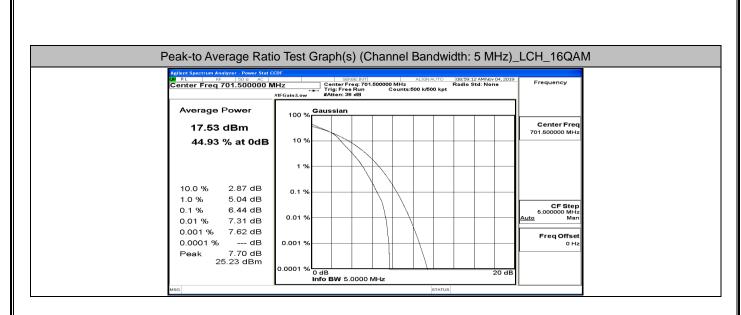
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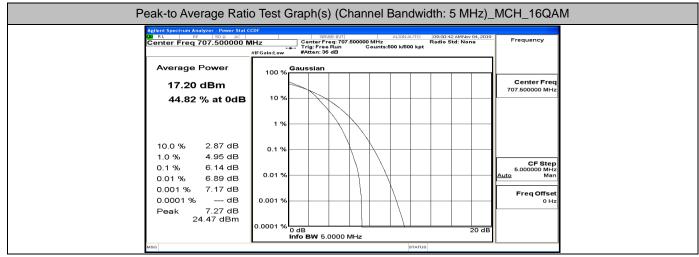




Aglent Spectrum Analyzer. Power Stat C R RL 8F 150 ♀ AC Center Freq 713.500000 M	SENSE:INT ALIGN AUTO 09:02:02 AMNov 04, 2019	
Average Power 18.24 dBm 46.95 % at 0dB	100 % Gaussian	Center Freq 713.500000 MHz
10.0 % 2.37 dB	1 %	
1.0 % 4.38 dB 0.1 % 5.59 dB 0.01 % 6.28 dB 0.001 % 6.67 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man Freq Offset
0.0001 % dB Peak 7.06 dB 25.30 dBm	0.0001 % 0 dB 20 dB 20 dB 20 dB	0 Hz

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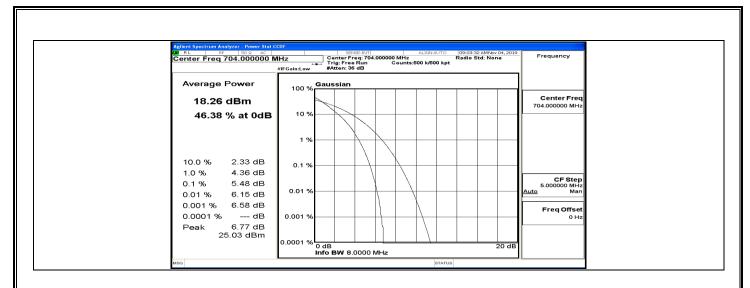


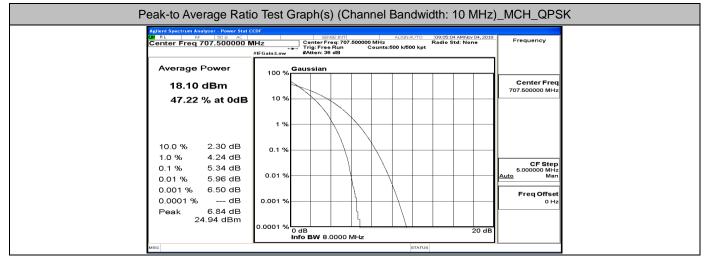


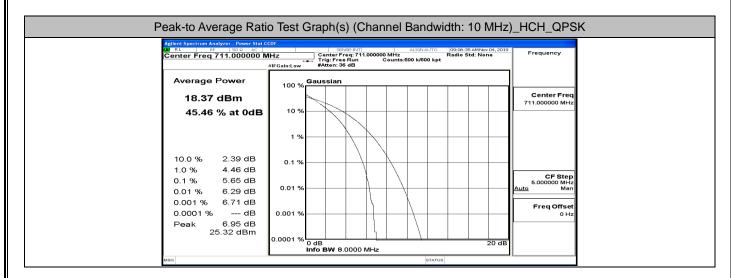
Agilent Spectrum Analyzer - Power Stat 001 RL RF 50 Q AC	SENSE:INT ALIGN AUTO 09:02:10 AMNov 04, 20						
Center Freq 713.500000 I Average Power	Center Freq 713.500000 MHz #IFGain:Low #Atten: 36 dB						
17.23 dBm 44.98 % at 0dB	100 % Gaussian 10 %	Center Freq 713.500000 MHz					
	1 %	-					
10.0 % 2.86 dB 1.0 % 5.03 dB	0.1%	_					
0.1 % 6.31 dB 0.01 % 7.17 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man					
0.001 % 7.42 dB 0.0001 % dB Peak 8.33 dB	0.001 %	Freq Offset 0 Hz					
25.56 dBm	0.0001 % 0 dB info BW 5.0000 MHz 20 d	3					
MSG	STATUS						

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

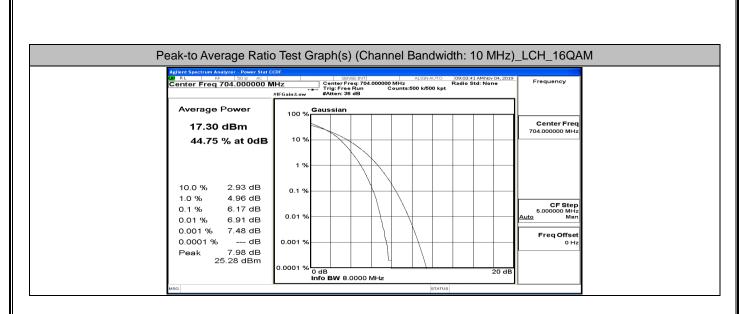
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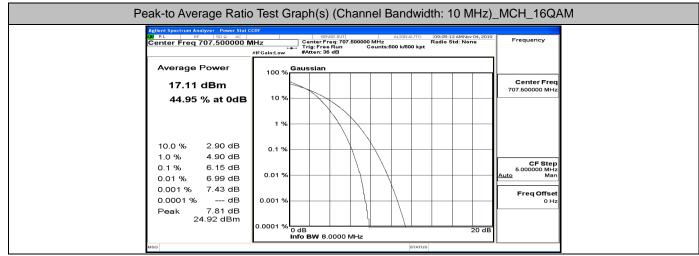






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Agilent Spectrum Analyzer - Power Stat 0						
	MRL PF 50.0 AL ALLONAUTO Opcode/3 AMNov 04, 2019 Center Freq 711.0000000 MHz Center Freq 711.0000000 MHz Center Freq 711.0000000 MHz Radio Std: None #IFGaintLow #IFGaintLow Raten: 36 db Counts:500 M500 kpt Radio Std: None Average Power Accent Gaussian Accent Gaussian Center Freq 710, 2019 Center Freq 710, 2019					
17.38 dBm 44.00 % at 0dB	100 %	Center Freq 711.000000 MHz				
	1 %					
10.0 % 2.93 dB 1.0 % 5.05 dB	0.1 %					
0.1 % 6.33 dB 0.01 % 7.13 dB 0.001 % 7.66 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man				
0.001 % 7.66 dB 0.0001 % dB Peak 8.14 dB 25.52 dBm	0.001 %	Freq Offset 0 Hz				
25.52 4611	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz 20 dB					
MSG	STATUS					

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C.3 26dB Bandwidth and Occupied Bandwidth

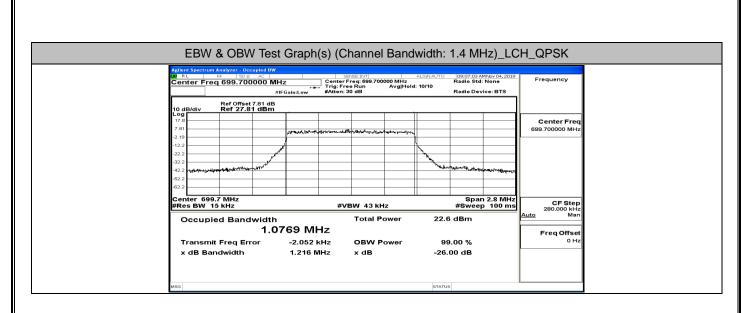
	EBW & OBW Te	est Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Channel	(MHz)	(MHz)	Verdict
	LCH	1.0769	1.216	PASS
QPSK	MCH	1.0743	1.214	PASS
	HCH	1.0774	1.212	PASS
	LCH	1.0791	1.239	PASS
16QAM	MCH	1.0781	1.244	PASS
	НСН	1.0741	1.212	PASS

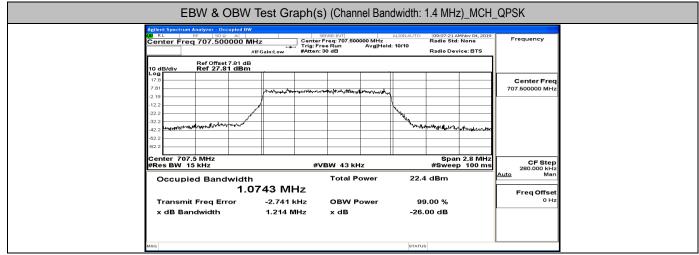
	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Channel	(MHz)	(MHz)	Vertuict
	LCH	2.6798	2.829	PASS
QPSK	MCH	2.6788	2.832	PASS
	НСН	2.6803	2.840	PASS
	LCH	2.6813	2.827	PASS
16QAM	MCH	2.6746	2.836	PASS
	НСН	2.6847	2.831	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Channel	(MHz)	(MHz)	Verdict
	LCH	4.4761	4.844	PASS
QPSK	MCH	4.4684	4.828	PASS
	НСН	4.4751	4.837	PASS
	LCH	4.4783	4.872	PASS
16QAM	MCH	4.4648	4.869	PASS
	НСН	4.4874	4.891	PASS

	EBW & OBW Test Resu		dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Ghanne	(MHz)	(MHz)	Verdict
	LCH	8.9248	9.484	PASS
QPSK	MCH	8.9258	9.439	PASS
	НСН	8.9502	9.442	PASS
	LCH	8.9210	9.446	PASS
16QAM	MCH	8.9151	9.448	PASS
	НСН	8.9624	9.527	PASS

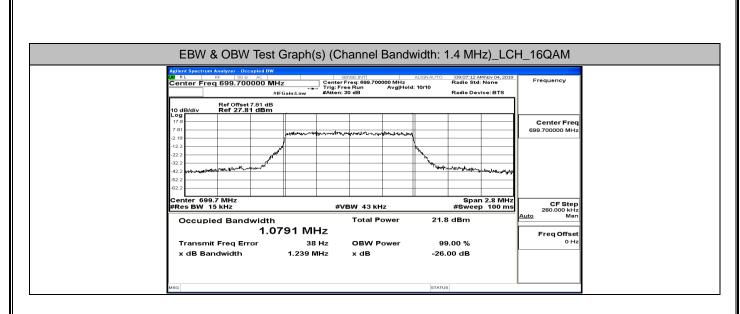
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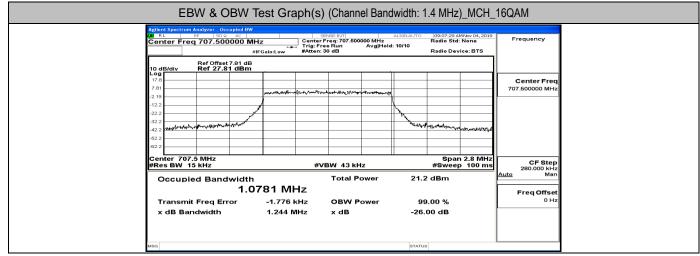




Center Freq 715.300000 MH		nse:INT reg: 715.300000 MHz	ALIGNAUTO 09:07:40 AM Nov Radio Std: Nor	
	FGain:Low #Atten: 3	e Run Avg Hold		
Ref Offset 7.88 dB 10 dB/div Ref 27.88 dBm Log				
7.88				Center Freq 715.300000 MHz
-2.12	production of the second secon	a Andreise an		
-22.1 -32.1			North Andrew Contraction of the second secon	
-32.1 -42.1 How house hunder all many marked and the second secon			" Harrison Constraints of the	nulleittelent
+62.1				
Center 715.3 MHz #Res BW 15 kHz	#V	BW 43 kHz	Span 2.1 #Sweep 1	
Occupied Bandwidth		Total Power	22.3 dBm	<u>Auto</u> Man
	774 MHz	0004	00.00 %	Freq Offset 0 Hz
Transmit Freq Error x dB Bandwidth	-2.666 kHz 1.212 MHz	OBW Power x dB	99.00 % -26.00 dB	

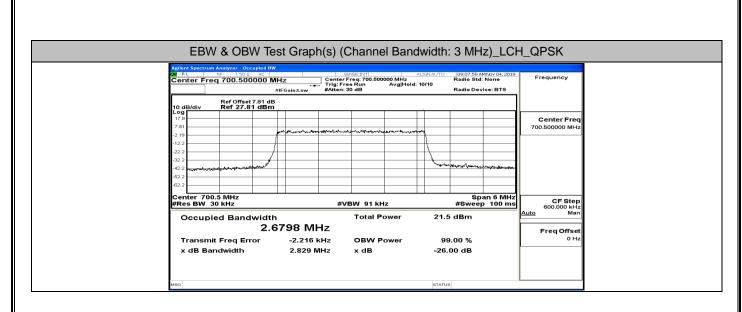
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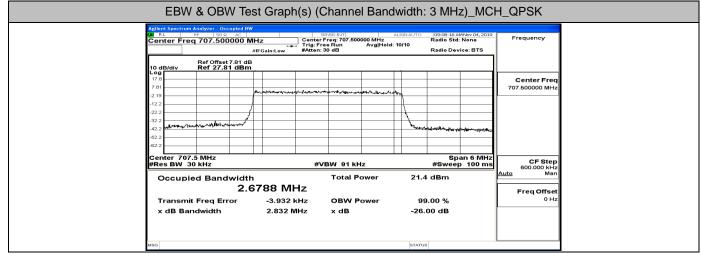




Agilent Spectrum Analyzer - Occupied BW		SENSE:INT		09:07:48 AMNov 04, 20:	9 Frequency
Center Freq 715.300000 N	Hz Center Trig: Fr #IFGain:Low #Atten:		1: 10/10	Radio Std: None Radio Device: BTS	Frequency
Ref Offset 7.88 dB 10 dB/div Ref 27.88 dBm	L				
7.88					Center Freq 715.300000 MHz
-2.12	A CHARTER AND THE WEY	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N I		
-22.1			Mr.		
-22.1 -42.1 ====================================				www.unternationality	h
62.1 Center 715.3 MHz				Span 2.8 MH	
#Res BW 15 kHz	#\	/BW 43 kHz		#Sweep 100 m	s 280.000 kHz
Occupied Bandwidth		Total Power	21.4	dBm	<u>Auto</u> Man
Transmit Freg Error	0741 MHz 394 Hz	OBW Power	99	00 %	Freq Offset 0 Hz
x dB Bandwidth	1.212 MHz	x dB	-26.0		

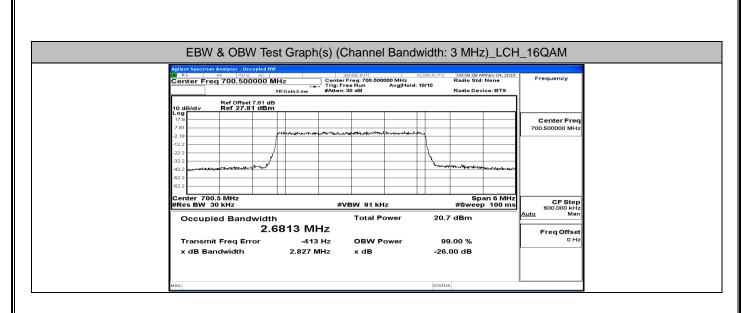
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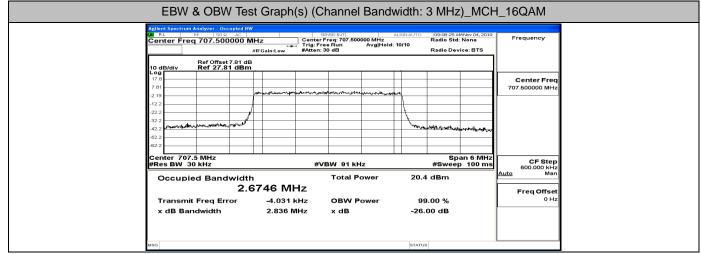




Center Freq 714.500000	MHz Cente	SENSE:INT r Freq: 714.500000 MHz ree Run Avg Hold: : 30 dB	: 10/10	09:08:34 AMNov 04, 2019 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 7.81 d 10 dB/div Ref 27.81 dB					
7.81		Therefore an an an interest of the second			Center Freq 714.500000 MHz
-2.19 -12.2					
-22.2 -32.2			h have a horizontal	free down and a second and a second	
-42.2 2000-2010-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-					
Center 714.5 MHz				Span 6 MHz	CF Step
#Res BW 30 kHz Occupied Bandwid		VBW 91 kHz Total Power	21.3	#Sweep 100 ms dBm	600.000 kHz Auto Man
2	.6803 MHz				Freq Offset
Transmit Freq Error x dB Bandwidth	-678 Hz 2.840 MHz	OBW Power x dB	99. -26.0	00 %	0 Hz

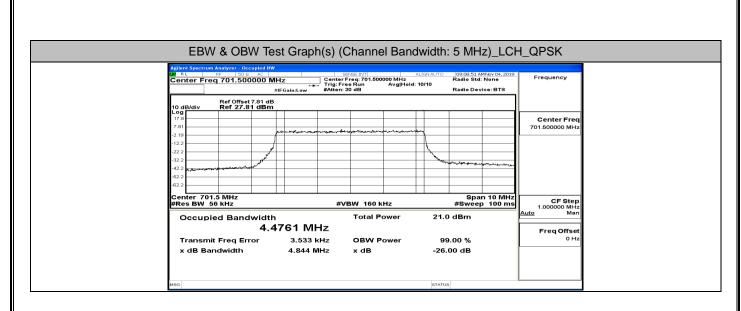
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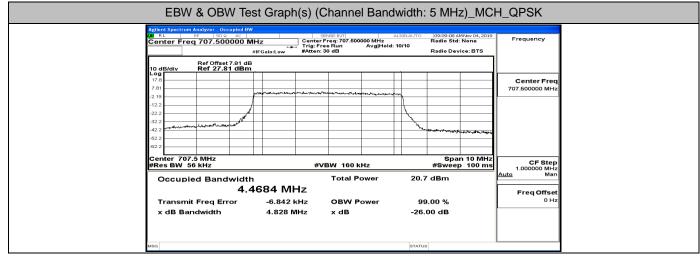


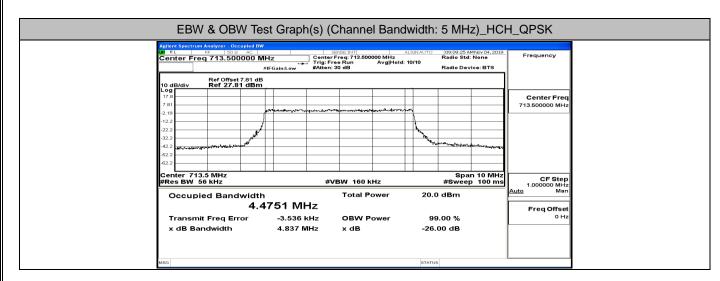


Aglient Spectrum Analyzer Occupied BW A RL RF 50 Q AC Center Freq 714.500000 N	SEI	req: 714.500000 MHz Run Avg Hold: 10	GNAUTO D9:08:42 AMNov 04, 2019 Radio Std: None //10 Radio Device: BTS	Frequency
Ref 0fset 7.81 dB Ref 27.81 dBm Ref 28.81 dBm			have a second and the second	Center Freq 714.500000 MHz
Center 714.5 MHz #Res BW 30 KHz Occupied Bandwidth 2.6		BW 91 kHz Total Power	Span 6 MHz #Sweep 100 ms 20.4 dBm	CF Step 600.000 kHz Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	-1.094 kHz 2.831 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz

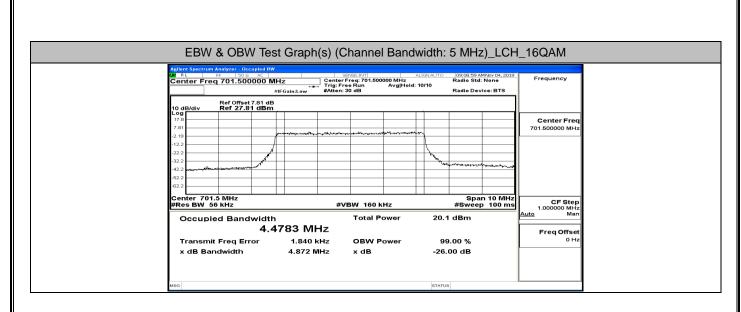
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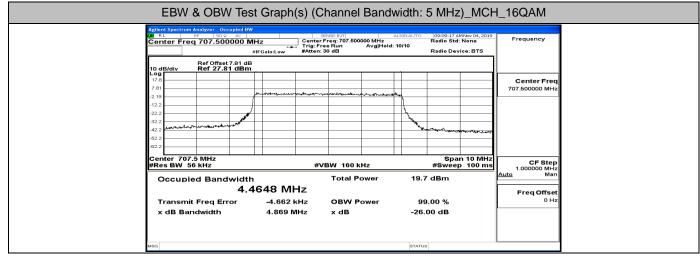






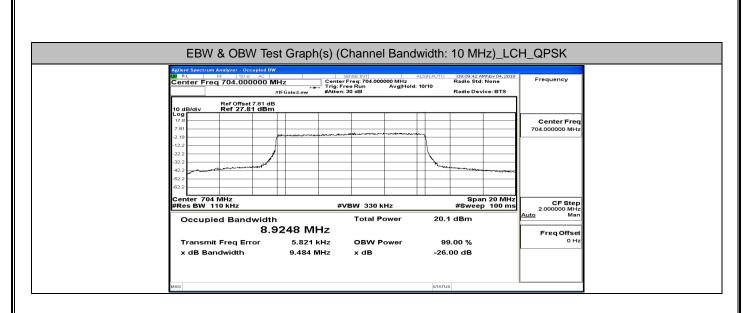
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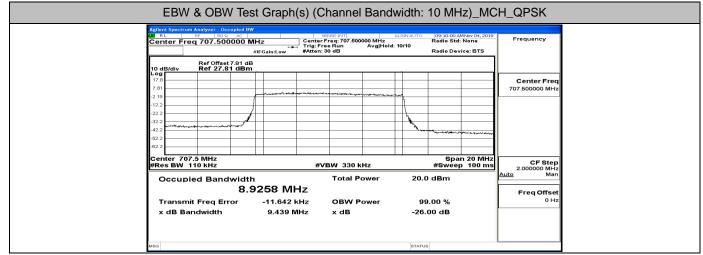




Applent Spectrum Analyzer - Occupied DW Applent Spectrum Analyzer - Occupied DW W RL 0.8 0.9 AC SENSE:NT ALIGNAUTO 09:00:34 AMNey 04, 2019 Center Freq 713.500000 MHz Center Freq; 713.50000 MHz Radio Std: None Radio Std: None							
	#IFGain:Low #Atten:		Radio Dev	/ice: BTS			
Ref Offset 7.81 d 10 dB/div Ref 27.81 dBr	в n						
17.8 7.81					Center Freq 713.500000 MHz		
-2.19	1 Warden and manager and	an provident and the second seco	error and a second				
-12.2			N .				
-32.2 -42.2 -			- Yek				
-62.2 -62.2							
Center 713.5 MHz #Res BW 56 kHz		/BW 160 kHz		n 10 MHz p 100 ms	CF Step		
		Total Power	19.7 dBm		1.000000 MHz <u>Auto</u> Man		
Occupied Bandwidt 4	n 4874 MHz	Total Fower	19.7 GBM				
Transmit Freq Error	-5.151 kHz	OBW Power	99.00 %		Freq Offset 0 Hz		
x dB Bandwidth	4.891 MHz	x dB	-26.00 dB				

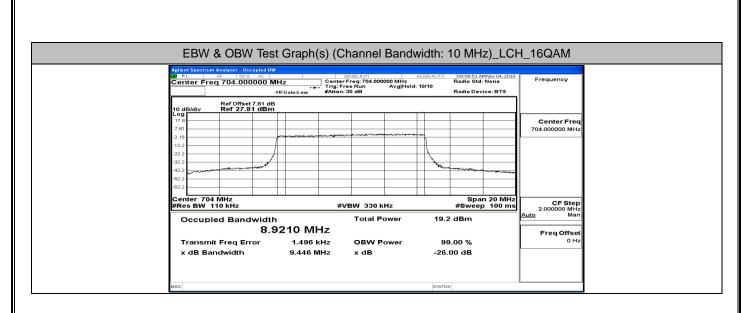
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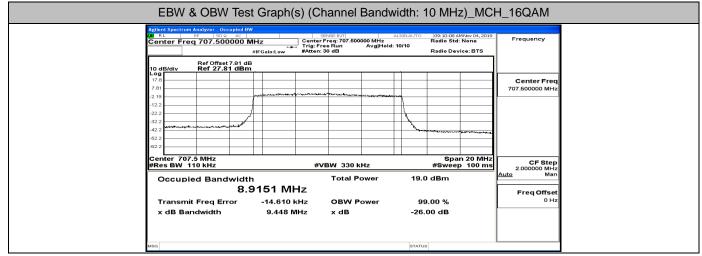




Applent Spectrum Analyzer. Occupied BW Service: NTI ALLORAUTO OP: 10:17 AMNov 04, 2019 R IL BF 500 AC Service: NTI ALLORAUTO 0P: 10:17 AMNov 04, 2019 Center Freq 711.000000 MHz Center Freq; 711.0000 MHz Radio Std: None Radio Std: None								
	IFGain:Low #Atten:		: 10/10 Radio Device: BTS					
Ref Offset 7.81 dB 10 dB/div Ref 27.81 dBm								
Log 17.8 7.81				Center Freq 711.000000 MHz				
-2.19	And the second sec	***************************************		_				
-22.2				-				
-42.2 -			Burne and a state					
-62.2 -62.2								
Center 711 MHz #Res BW 110 kHz	#\	BW 330 kHz	Span 20 Mi #Sweep 100 n	CF Step				
Occupied Bandwidth		Total Power	20.3 dBm	2.000000 MHz Auto Man				
	502 MHz			Freq Offset				
		OBW Power	99.00 %	0 Hz				

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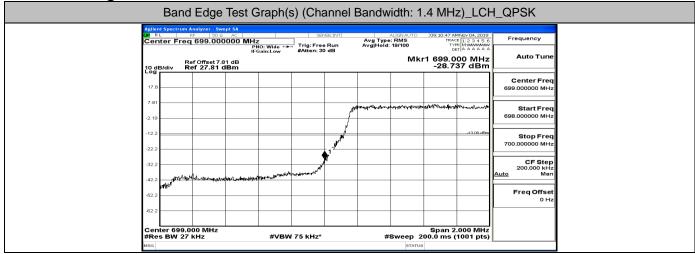


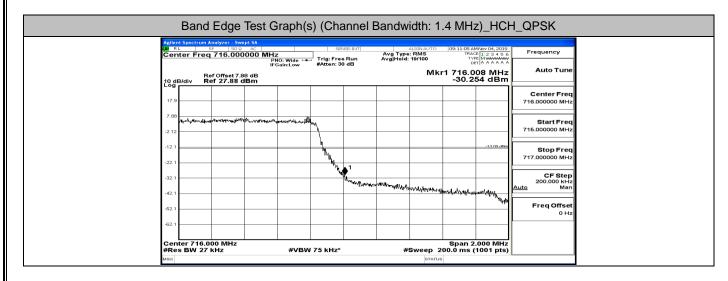


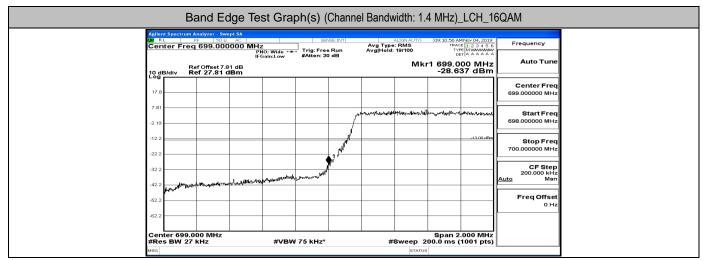
Center Freq 711.000000	0 MHz Center Trig: Fr	ENSE:INT Freq: 711.000000 MHz ee Run Avg Hold	ALIGNAUTO 09:10:25 AMNov 04, 201 Radio Std: None I: 10/10	Frequency
Ref Offset 7.81		30 dB	Radio Device: BTS	
Log 17.8 7.81				Center Fred 711.000000 MHz
-2.19 -12.2 -22.2	had her and a star of the star and a star and a star a sta	~*************************************		
-32.2 -42.2 passes and passes and			A Constant Constant Constant Constant	-
-62.2 -62.2				
Center 711 MHz #Res BW 110 kHz	#\	/BW 330 kHz	Span 20 MH #Sweep 100 m	CF Step 2.000000 MHz
Occupied Bandwid	^{dth} 3.9624 MHz	Total Power	19.4 dBm	Auto Man Freg Offset
Transmit Freg Error	-14.048 kHz	OBW Power	99.00 %	0 Hz

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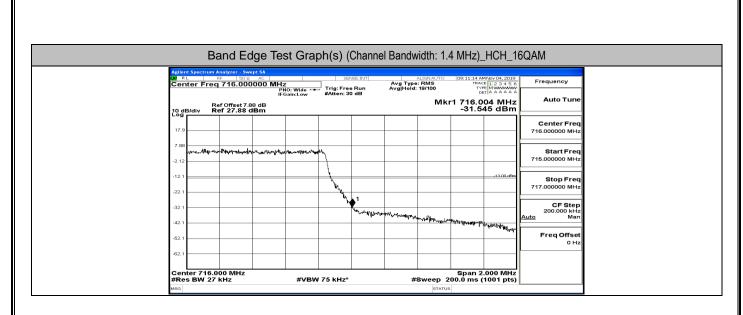
C.4 Band Edge

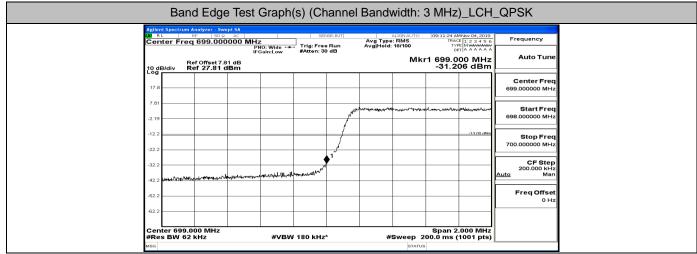






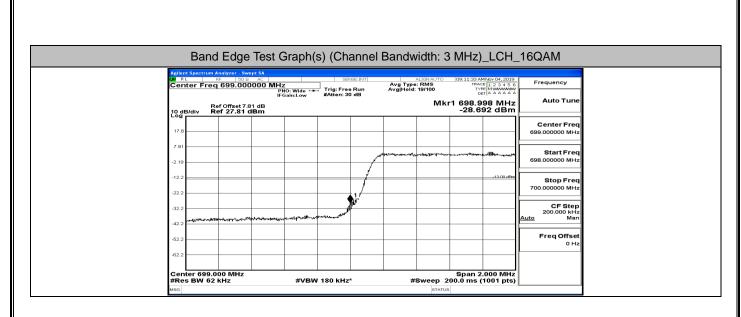
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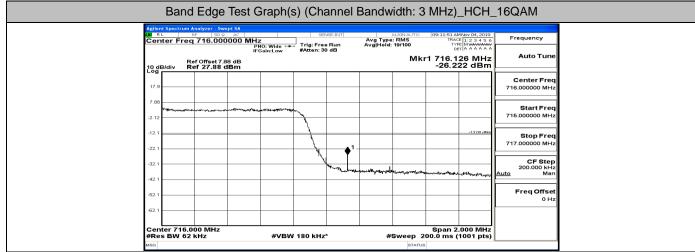




Center Freq 716.000000 MHz (FGainLow Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Heid: 19/100 Trig: Free Run (FGainLow Avg Type: RMS (FGainLow) Trig: Free Run (FGainLow) Avg Type: RMS (FGainLow) Run (FGainLow) Run (FGainLow) Avg Type: RMS (FGainLow) Run (FGainLow) Run (FGainLow)	Agilent Spectrum Analyzer - S	Swept SA	SEN	SE:INT		ALIGNAUTO	09:11:42 AM	Nov 04, 2019	_
Ref Offset 7.88 dB Mkr1 716.002 MHz Auto Tune 10 dB/div Ref 27.88 dB Center Freq 716.00000 MHz Center Freq 716.00000 MHz 2.12 Image: Start Freq 715.00000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 2.12 Image: Start Freq 715.00000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 2.1 Image: Start Freq 715.00000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 2.1 Image: Start Freq 715.00000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 2.1 Image: Start Freq 715.00000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 2.1 Image: Start Freq 715.00000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 3.1 Image: Start Freq 715.0000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 3.1 Image: Start Freq 715.0000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 3.1 Image: Start Freq 715.0000 MHz Image: Start Freq 715.00000 MHz Start Freq 715.00000 MHz 3.1 Image: Start Freq 715.0000 Mz Image: Start Freq 715.00000 Mz Image: Sta	Center Freq 716.00	PNO: Wide 🕶	Trig: Free	Run	Avg Type Avg Hold:	: RMS 19/100	TRACE TYPE DE1	123456 MWWWWWW	Frequency
17.9 Center Freq 716.00000 MHz 2.12 Start Freq 716.00000 MHz 12.1 Start Freq 716.00000 MHz 12.1 Start Freq 716.00000 MHz 12.1 Start Freq 716.00000 MHz 12.1 Start Freq 717.00000 MHz 12.1 Start Freq 717.00000 MHz 12.1 Freq Offset 0 Hz	10 dB/div Ref 27.88	7.88 dB				Mkr	1 716.00 -30.49	02 MHz 97 dBm	Auto Tune
7.83 1	-								Center Freq
-2.12									
Stop Freq Stop Freq 221 1 1 717.000000 MHz 321 1 1 1 1 42.1 1 1 1 1 1 52.1 1		*1.88 for 180-20-20-20-20-20-20-20-20-20-20-20-20-20	ann y						
-22.1 1 CF Step -32.1	-12.1		\rightarrow					-13.00 dBm	
•42.1 ••••••••••••••••••••••••••••••••••••	-22.1			1					
-42.1	-32.1			WTW UTW	-	Anter manager	wythigan, as	have a second	CF Step 200.000 kHz Auto Man
02.1 OHz									

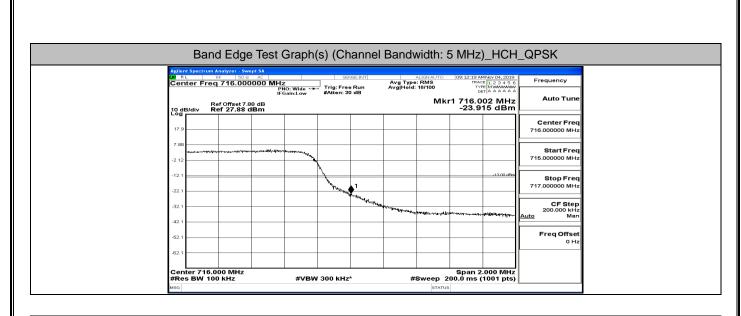
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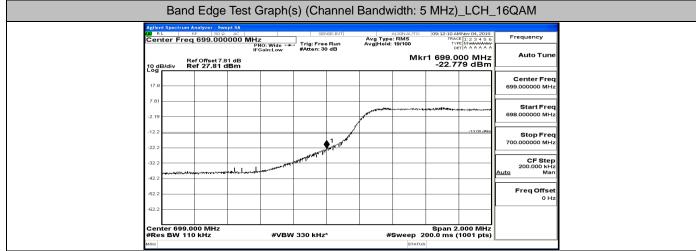


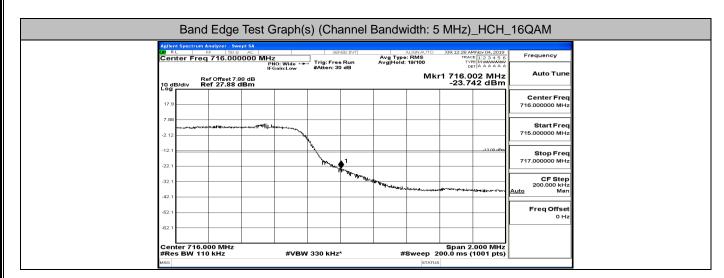


Agilent Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN AUTO 09:12:01 AM Nov 04, 2019	-
Center Freq 699.00000	D MHz PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: RMS Avg Hold: 19/100 DET A A A A A A	Frequency
Ref Offset 7.81 dB 10 dB/div Ref 27.81 dBm	3	Mkr1 699.000 MHz -22.146 dBm	A
17.8			Center Freq 699.000000 MHz
-2.19		and the second second second and the second	Start Freq 698.000000 MHz
-12.2	1.00	-13.00.dBm	Stop Freq
-22.2	unsteinstein		700.000000 MHz
-32.2 -42.2	and the second s		200.000 kHz <u>Auto</u> Man
-52.2			Freq Offset 0 Hz
-62.2			

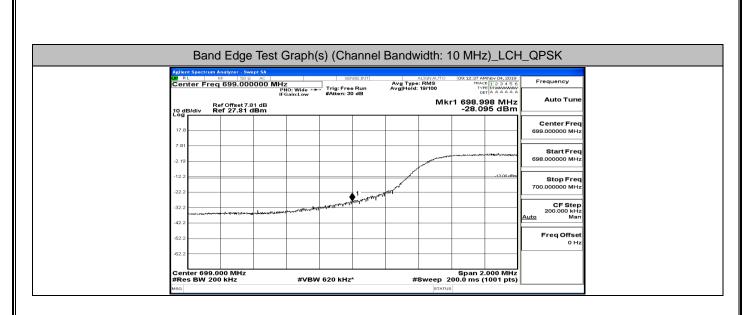
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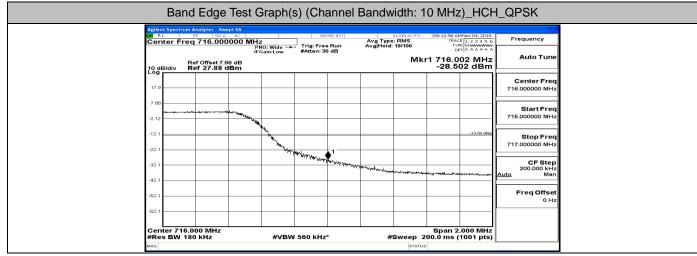






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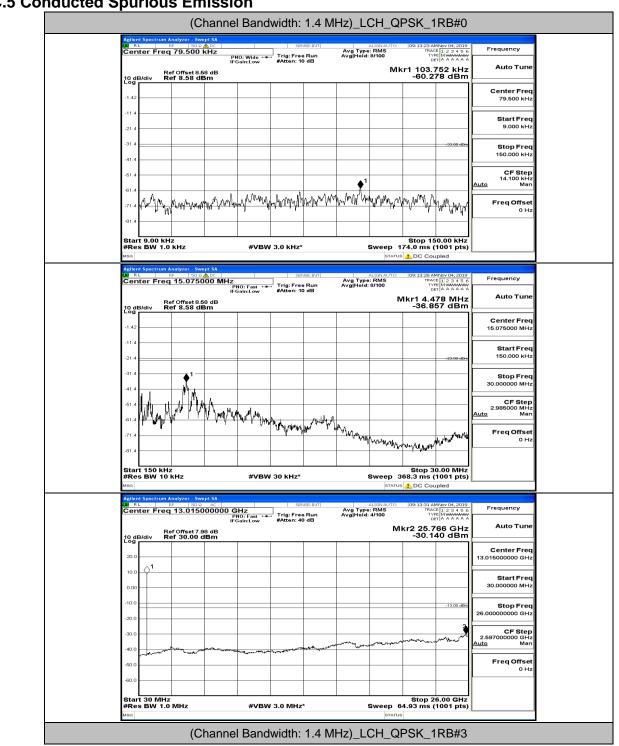


Agilent		Analyzer - Swi RF 50 Q			SEN	SE:INT		ALIGNAUTO	09:12:46 AM	1Nov 04, 2019	
Cent	er Fred	q 699.000	0000 MHz	IO:Wide	Trig: Free	Run	Avg Type Avg Hold:	: RMS 19/100	TRACI		Frequency
10 dB	div R	ef Offset 7.8	IF0 31 dB	Sain:Low	#Atten: 30) dB		Mkr	1 698.9		Auto Tune
Log 17.8											Center Freq 699.000000 MHz
7.81 -											Start Freq
-2.19								and the second second	annay rolya 1086 ingo	ann-thall ann tha	698.000000 MHz
-12.2 =										-13.00 dBm	Stop Freq 700.000000 MHz
-32.2					-	and the second s	in a start a st				CF Step 200.000 kHz
-42.2	4.~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	*******	****								<u>Auto</u> Man
-62.2											Freq Offset 0 Hz
-62.2											

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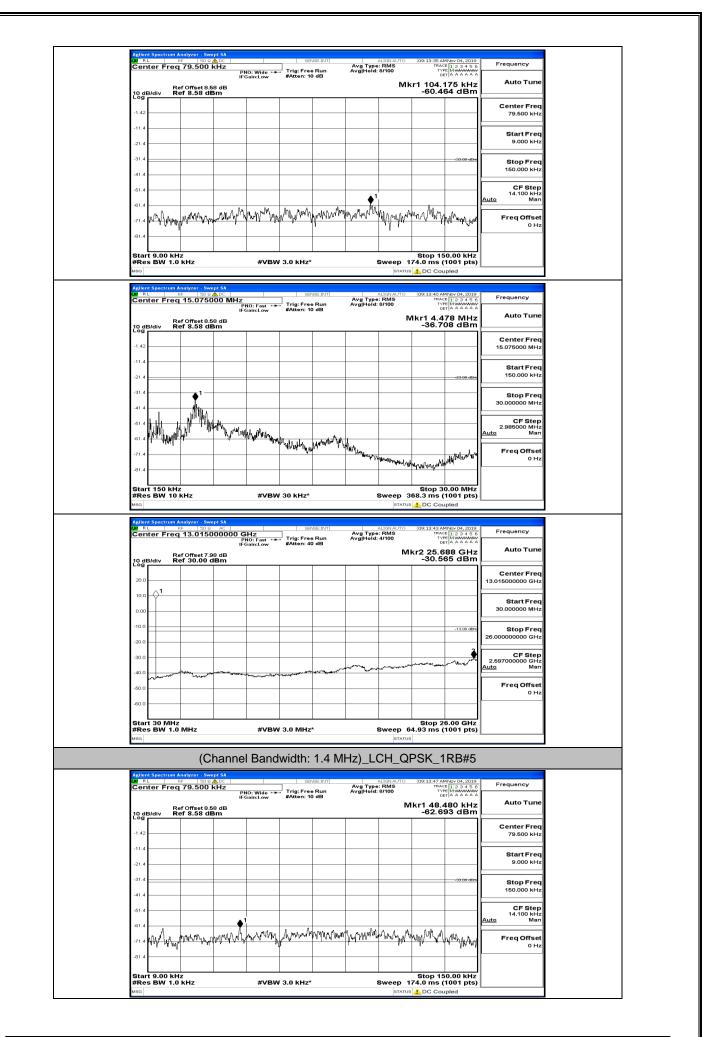
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM
D2 RL BF 50.0 AC SENSEINT AutorsAutro Op::305 AMIxev 04.2019 Frequency Center Freq 716.000000 MHz Fright Free Run Avg Type: RMS Tracet [2:3:4:5:6] Frequency FN0: Wide Fright Free Run Avg[Heid: 19/100 Tracet [2:3:4:5:6] Frequency
Ref Offset 7.98 dBm Auto Tune
17.9 Center Freq 716.000000 MHz
7.83 2.12 2.12 2.12 2.12 2.12 2.12 2.12 2.1
-12.1
221 717.000000 MHz 321 717.000000 MHz 42.1 717.000000 MHz
42.1
-62.1

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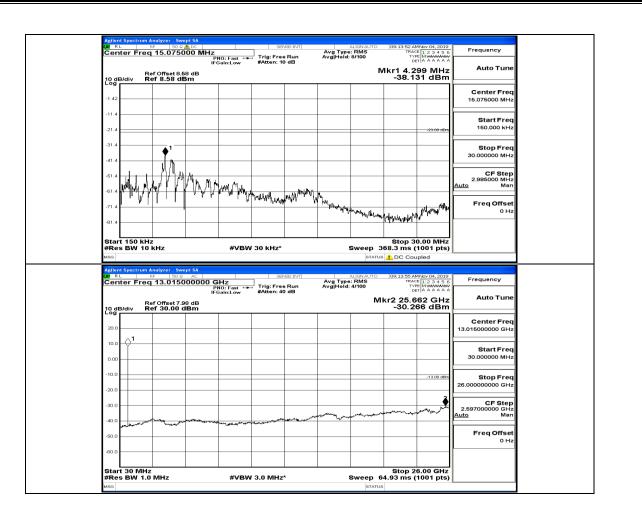


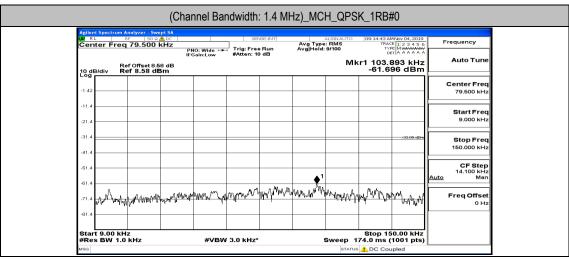
C.5 Conducted Spurious Emission

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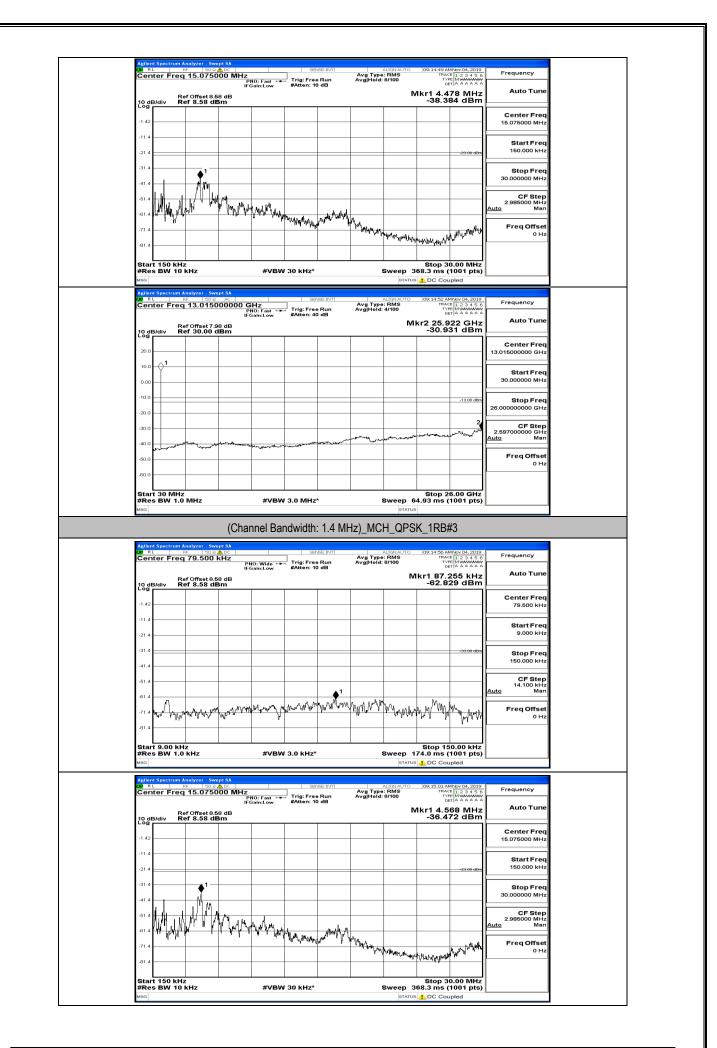


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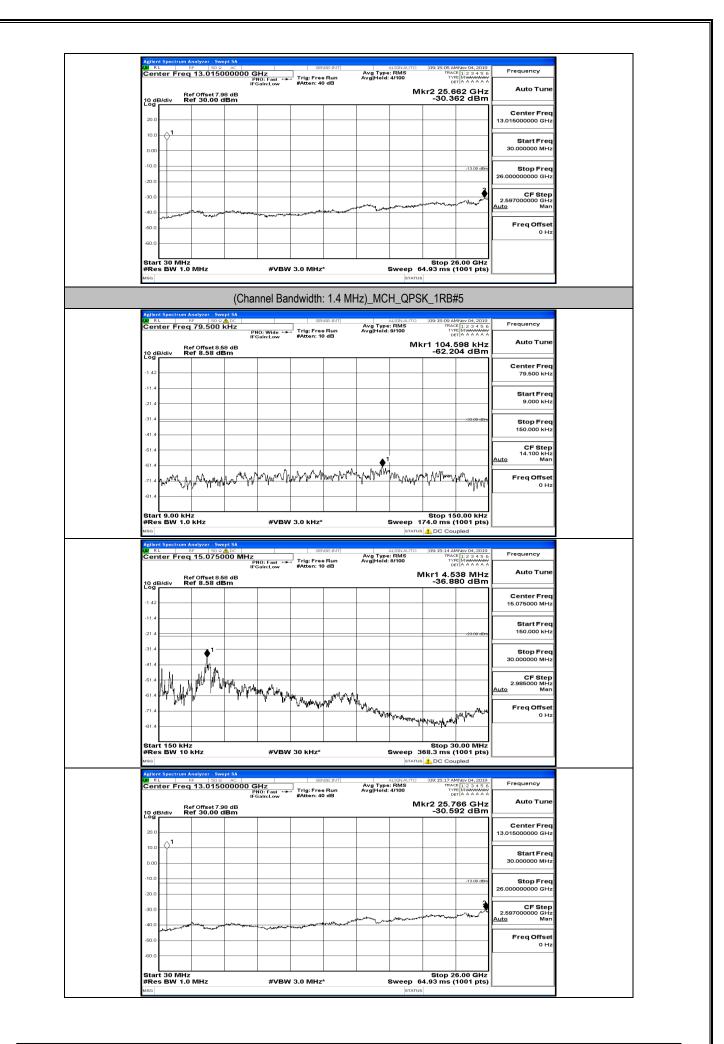




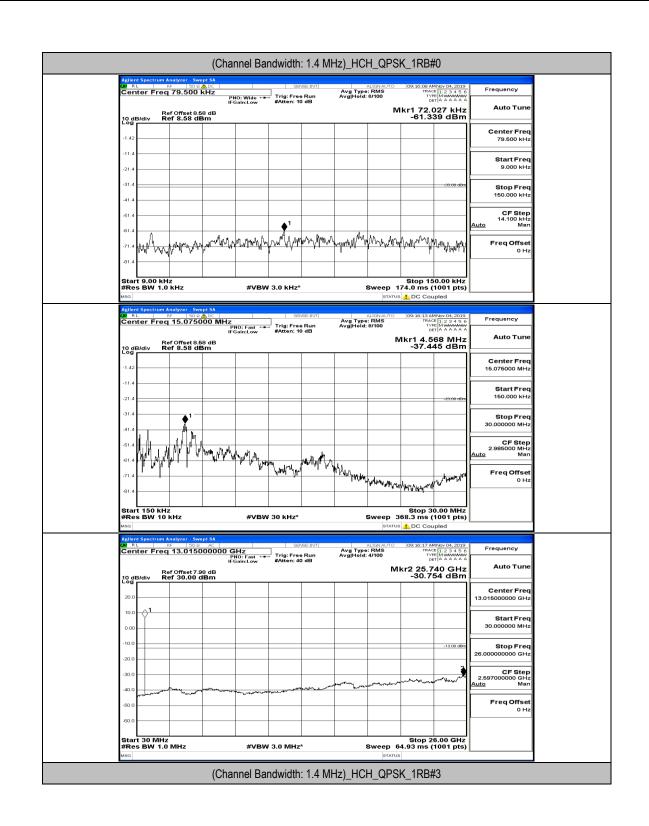
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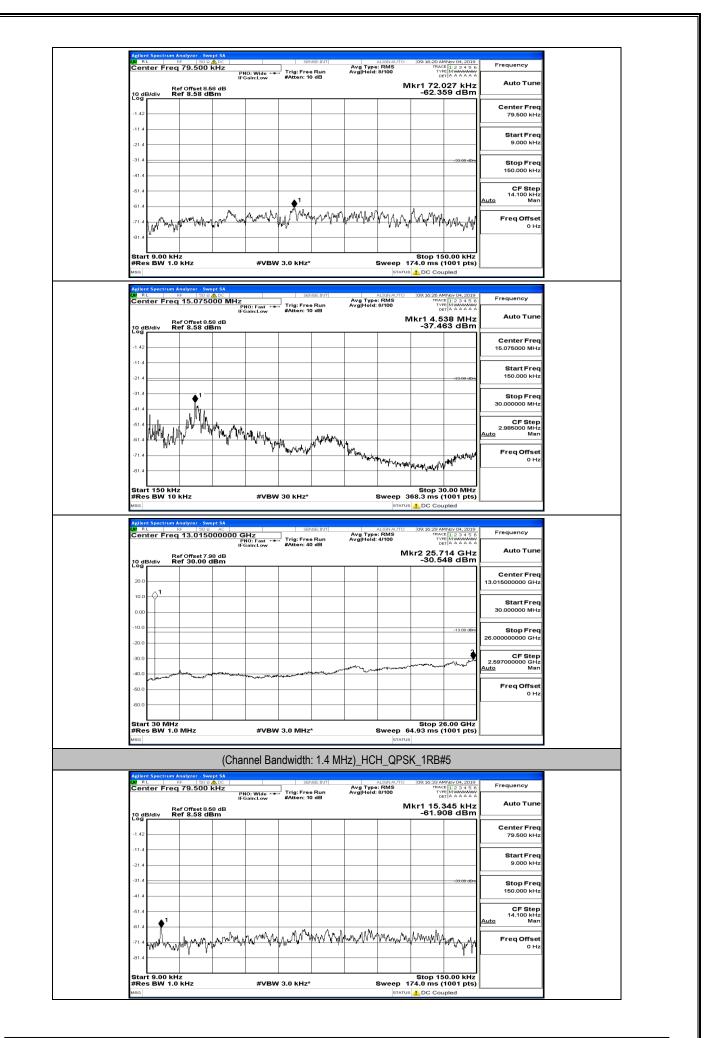


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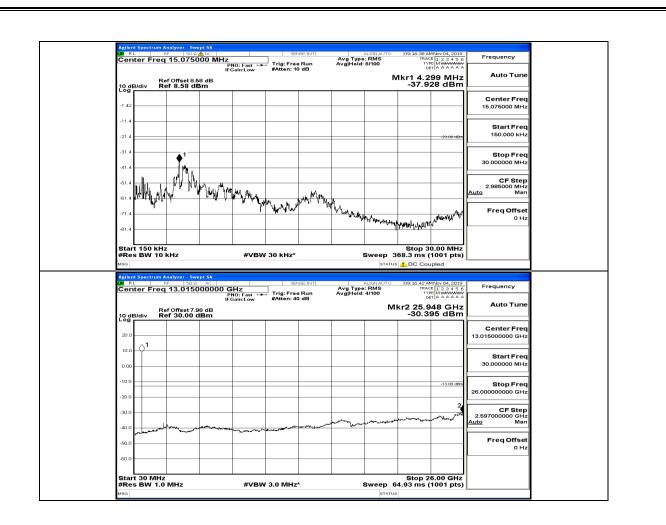


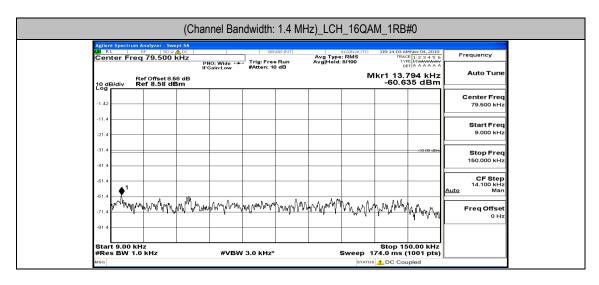
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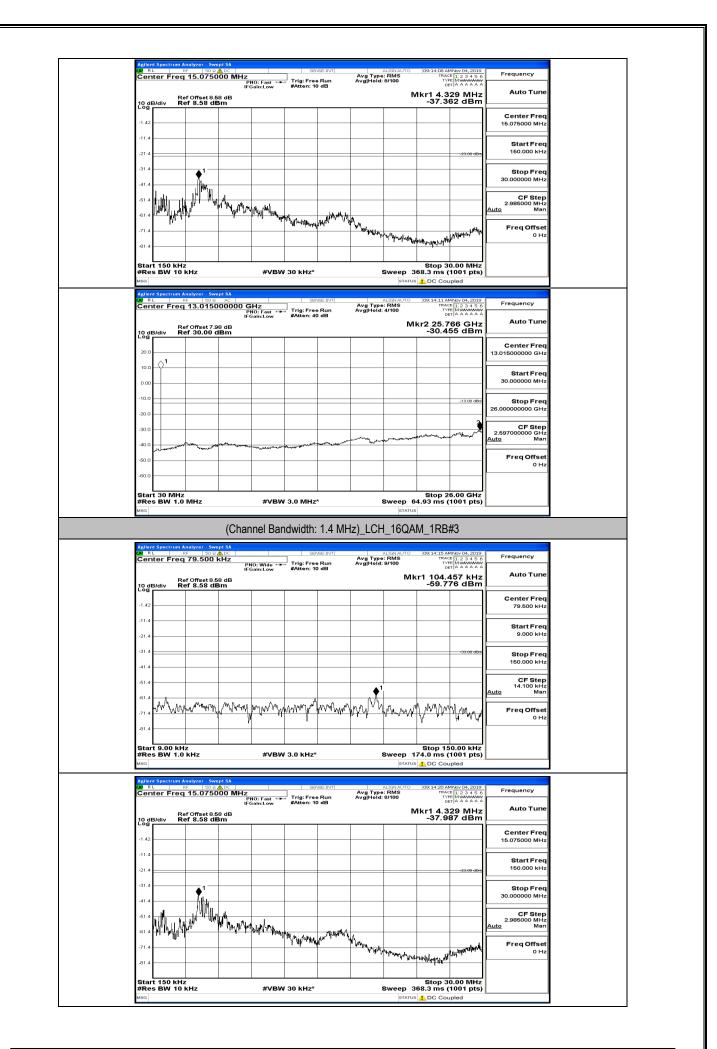


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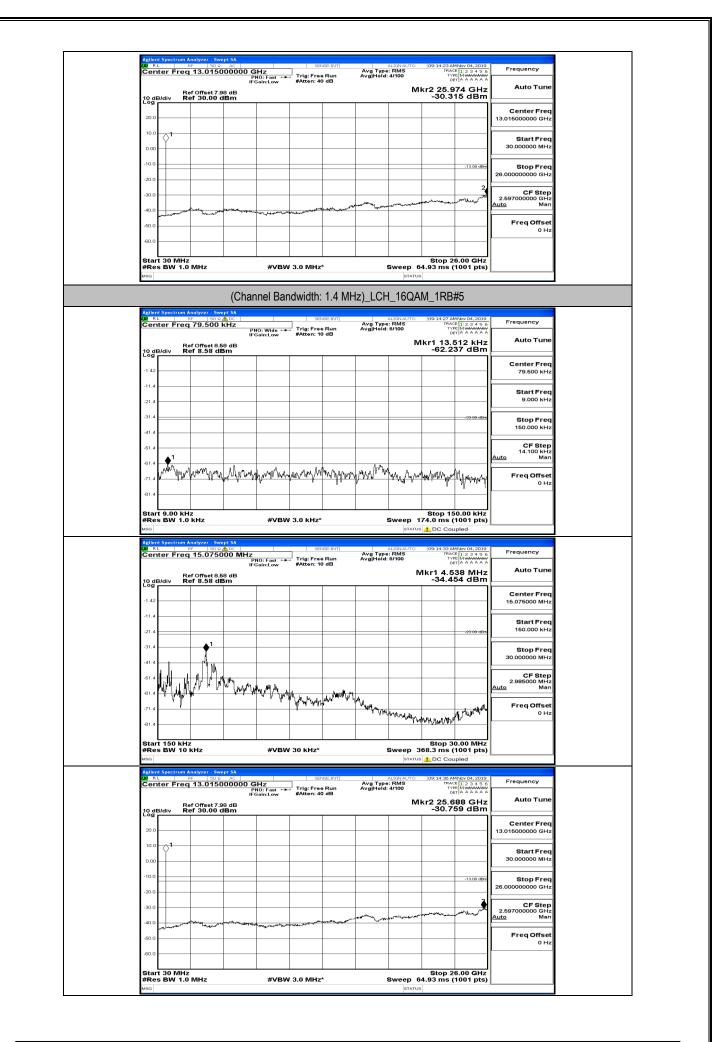




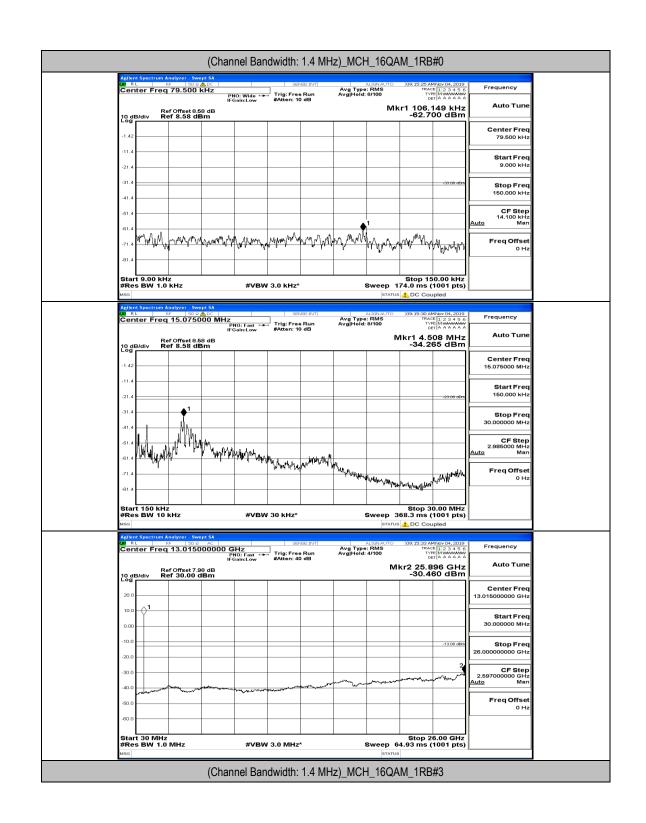
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