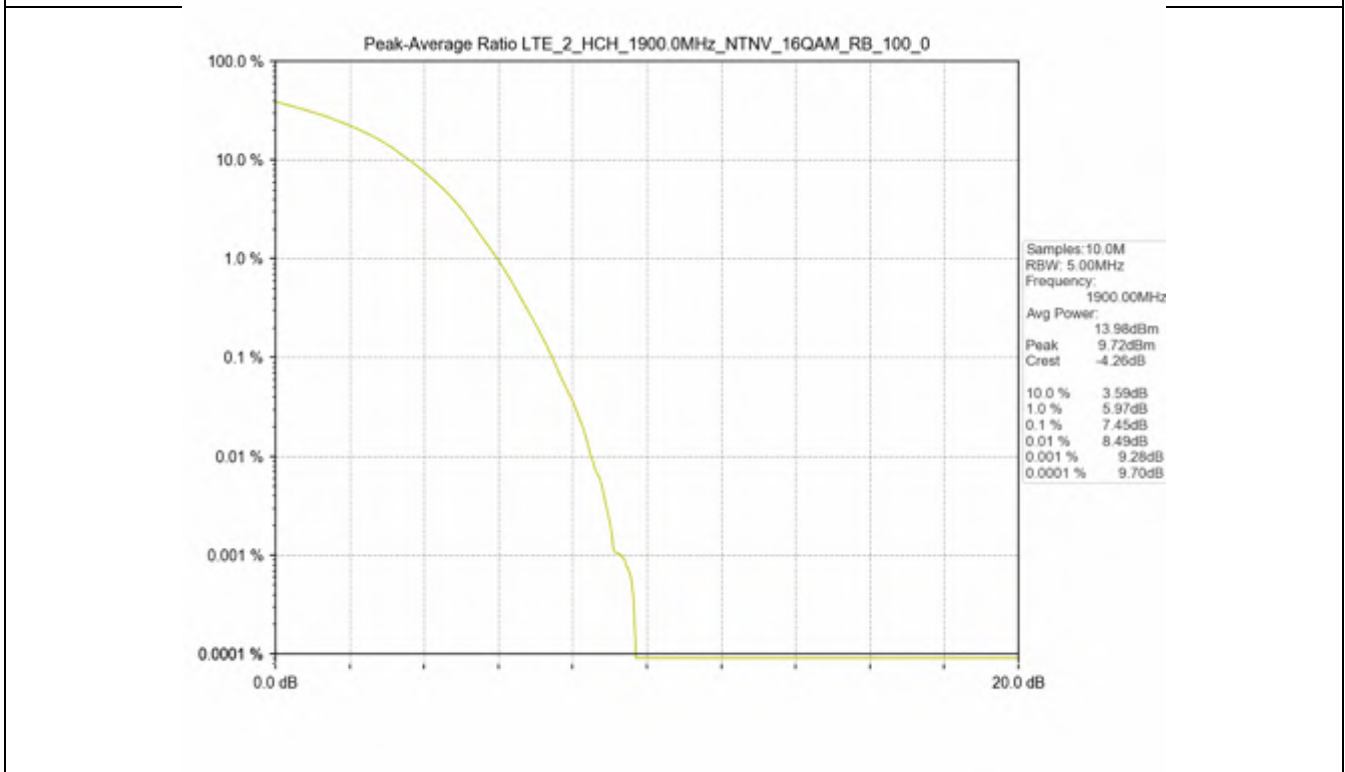
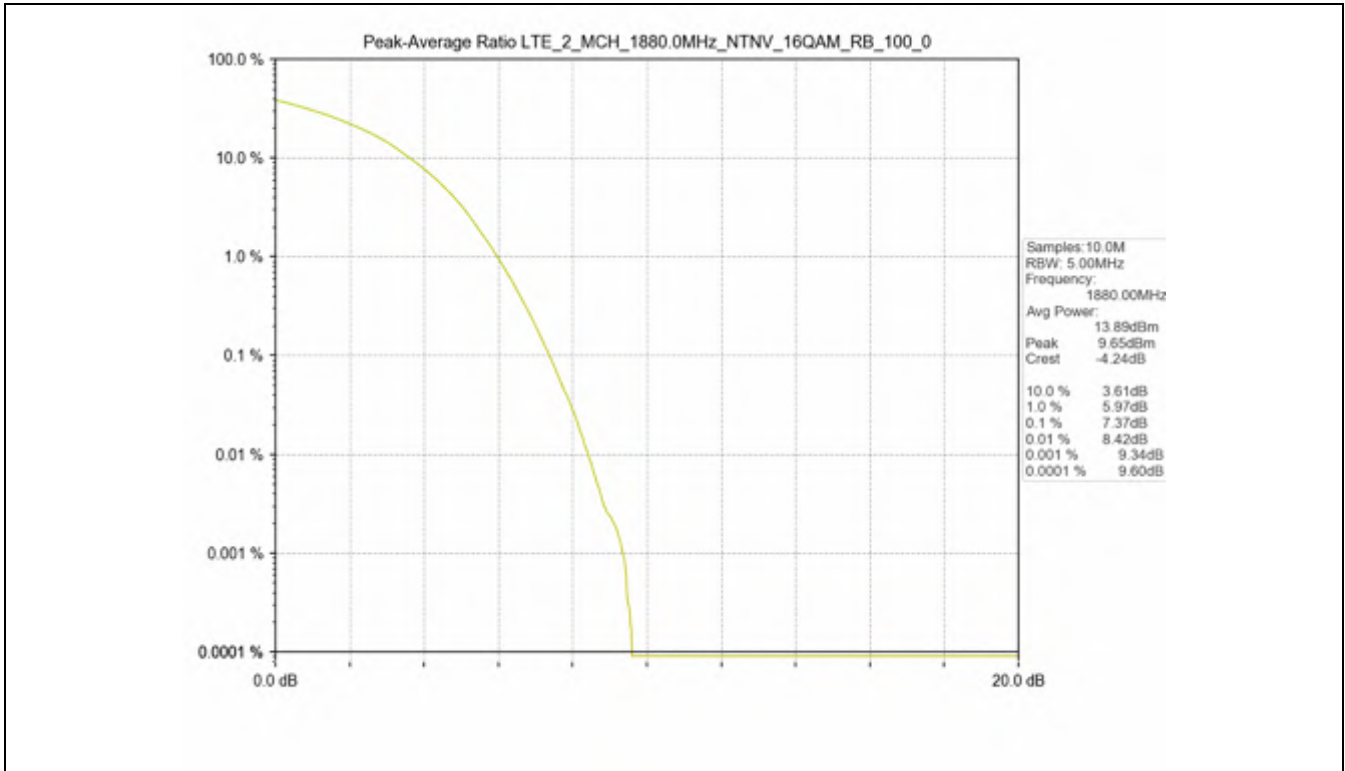


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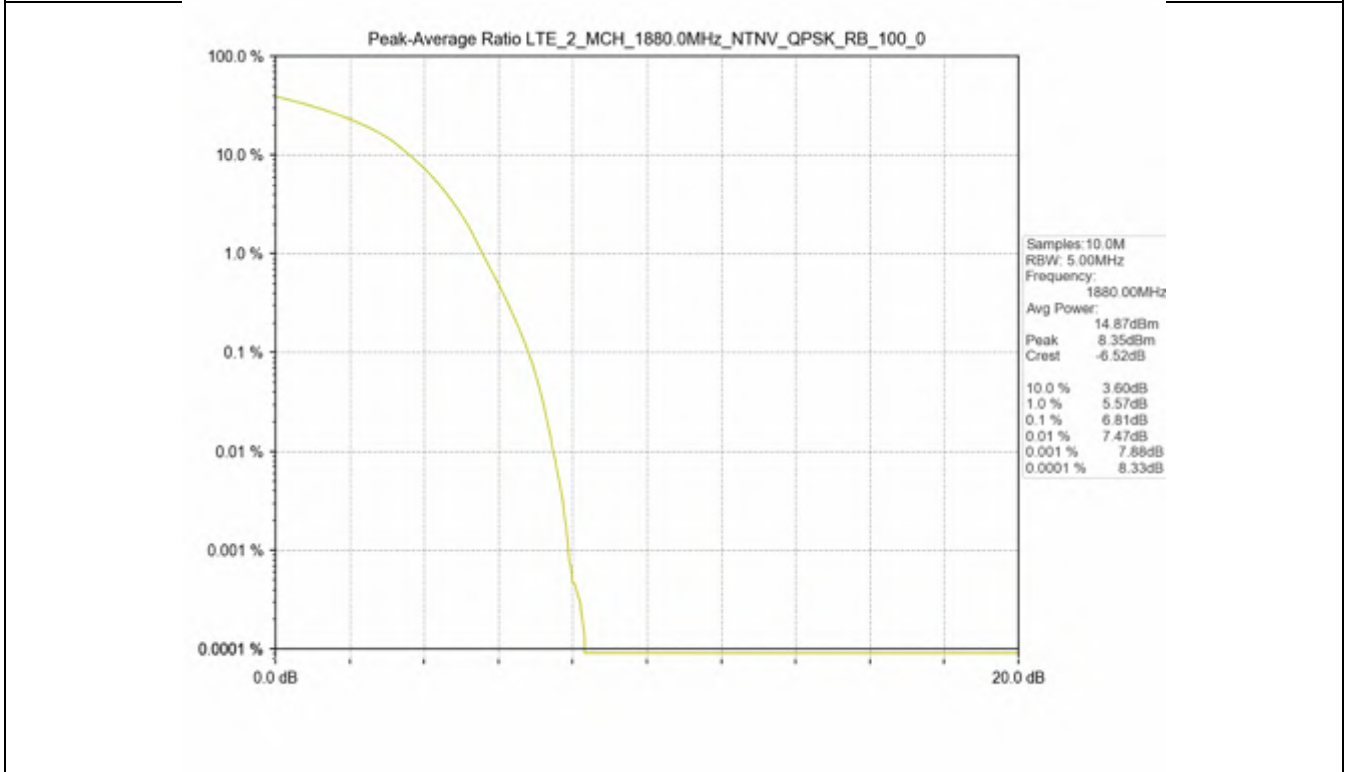
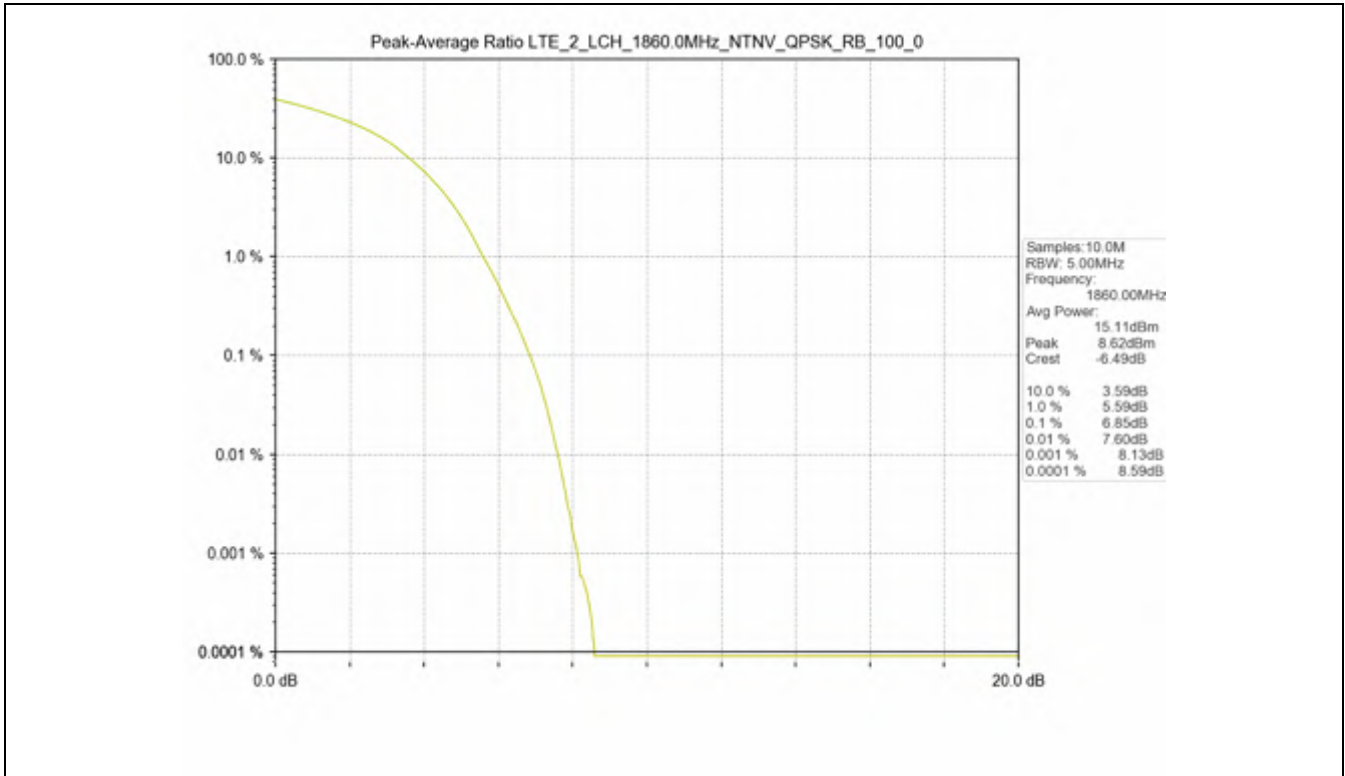
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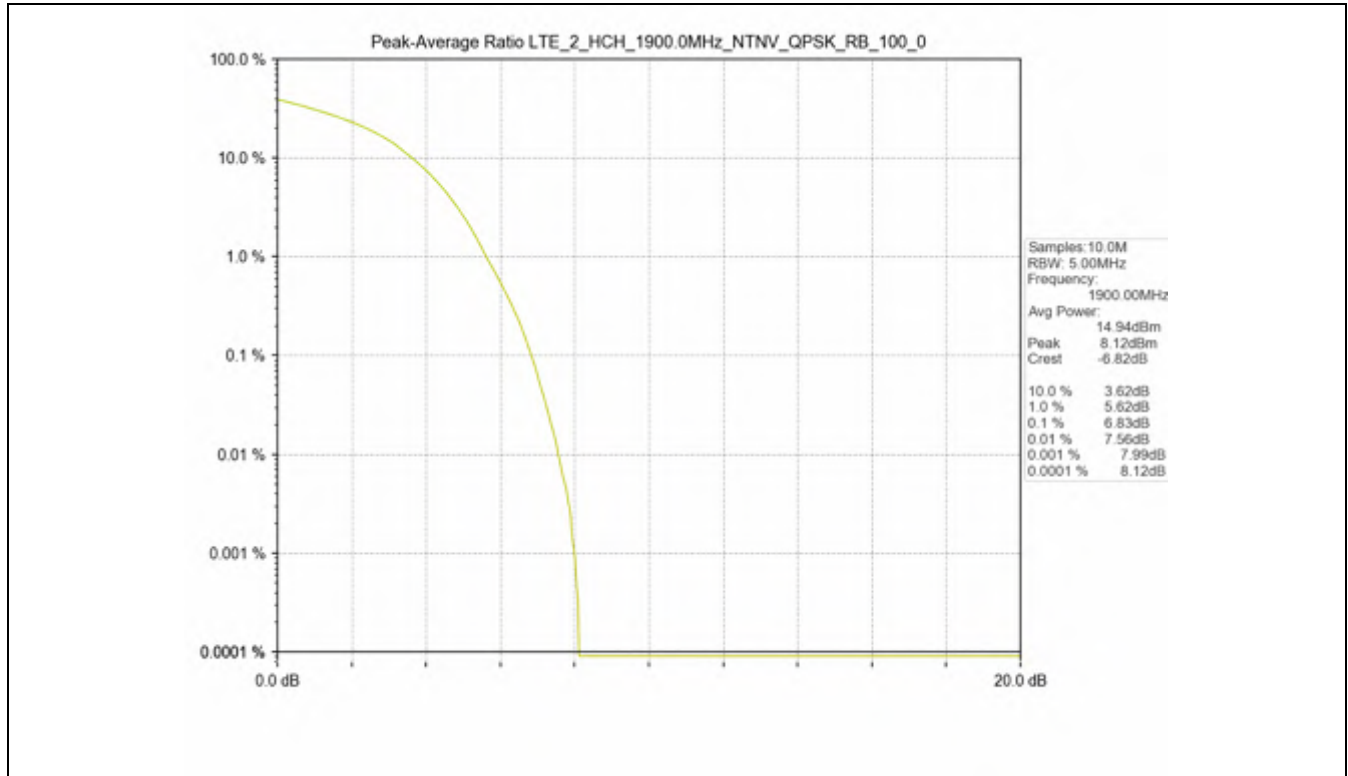
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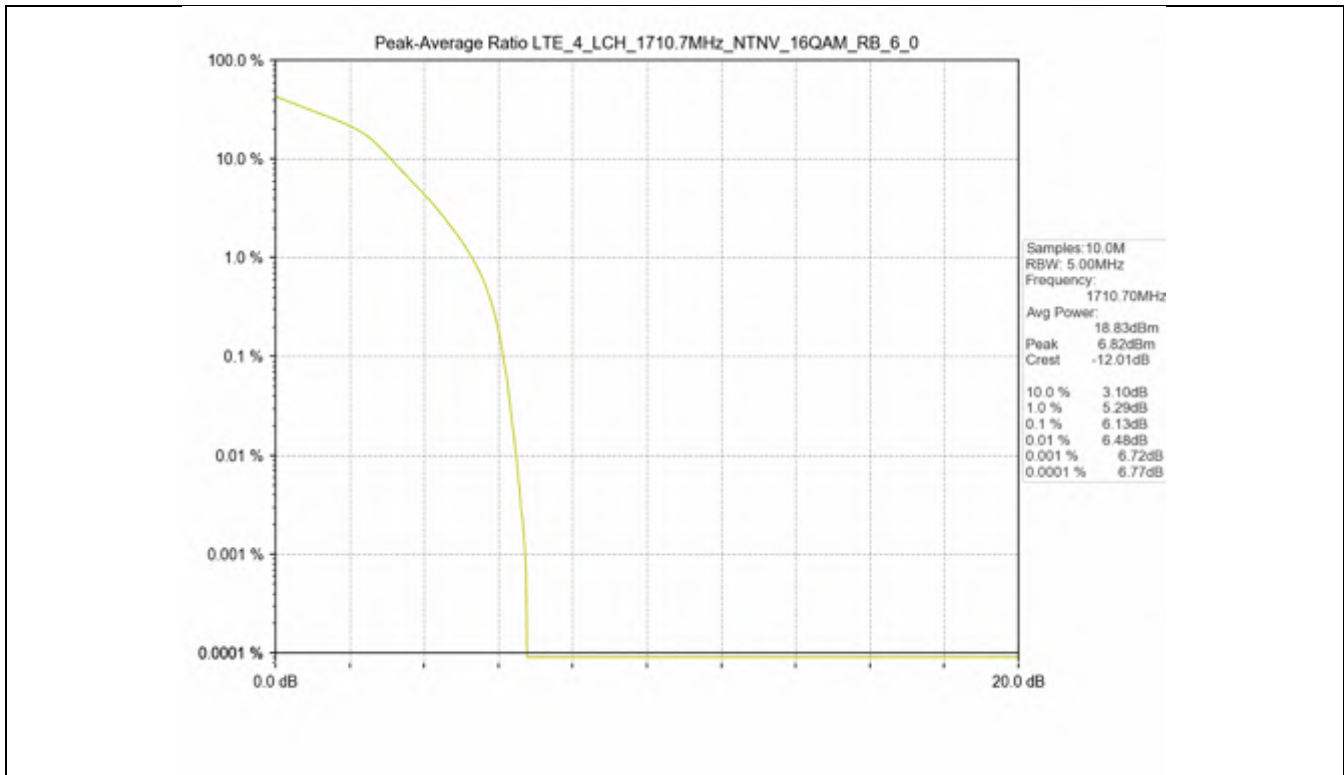
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LTE Band 4

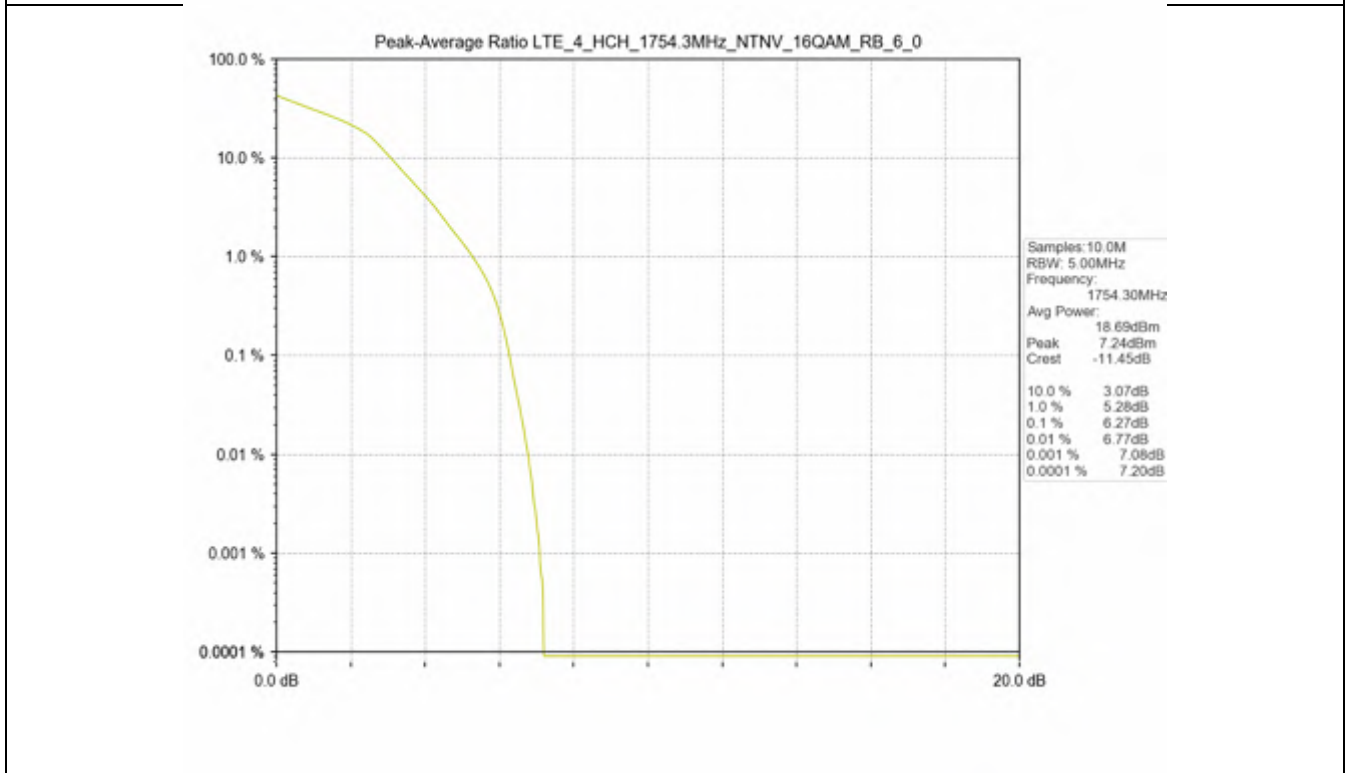
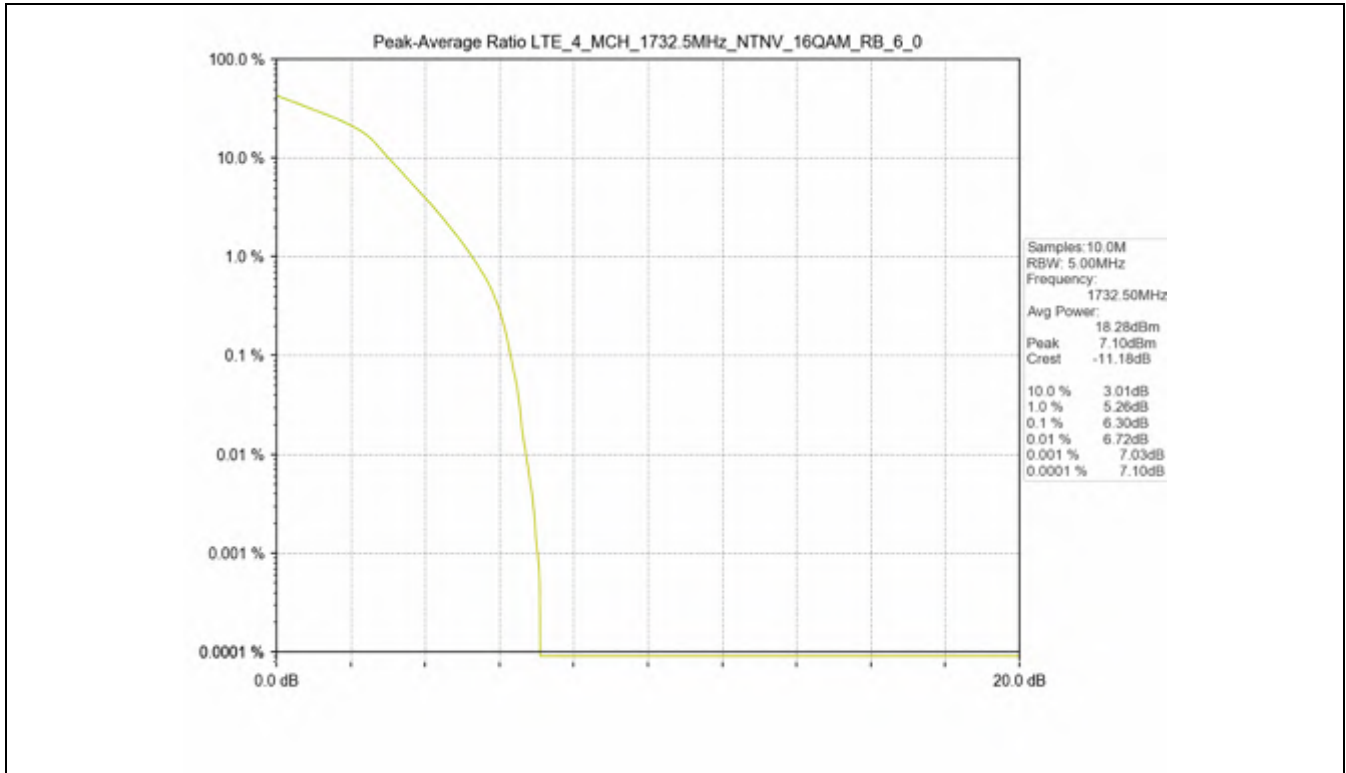
Test Band: 4 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.19	5.44	5.42	13	PASS
16QAM	6	0	6.13	6.30	6.27	13	PASS



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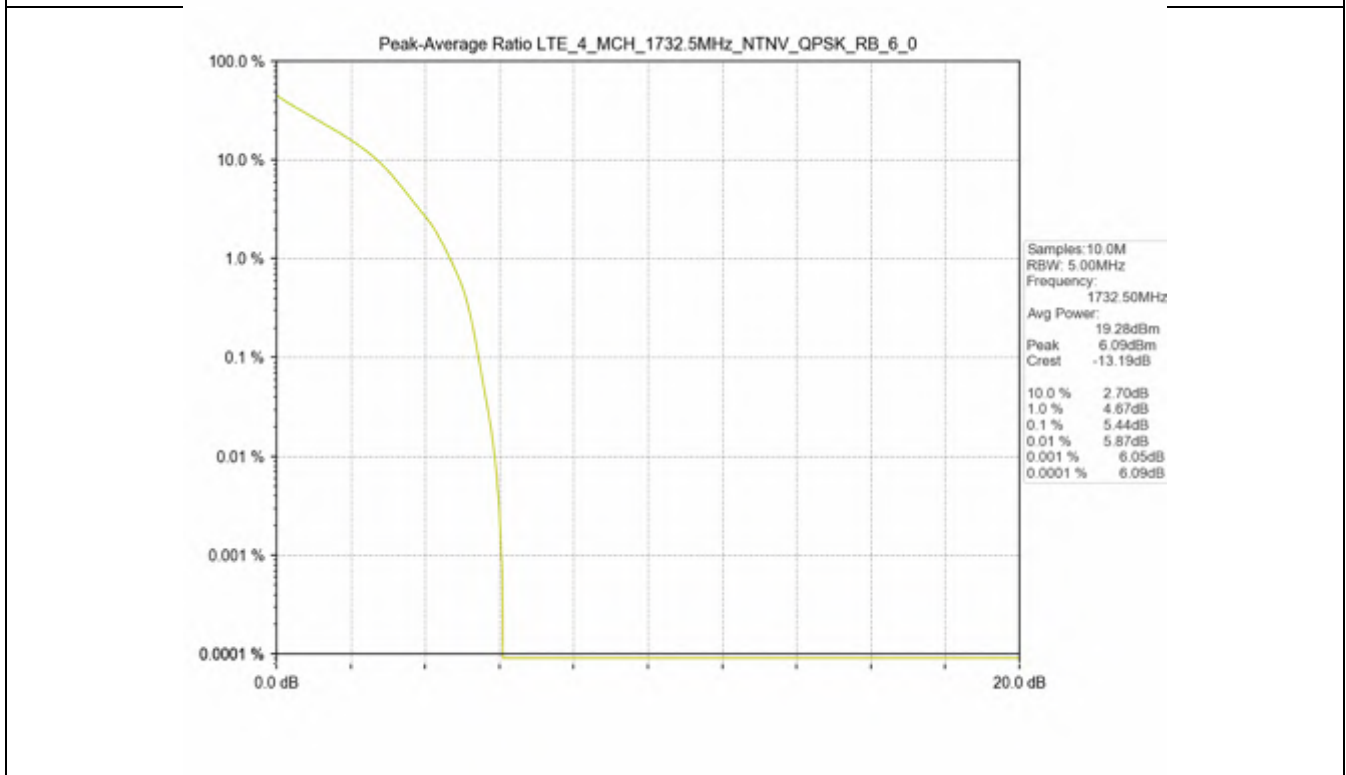
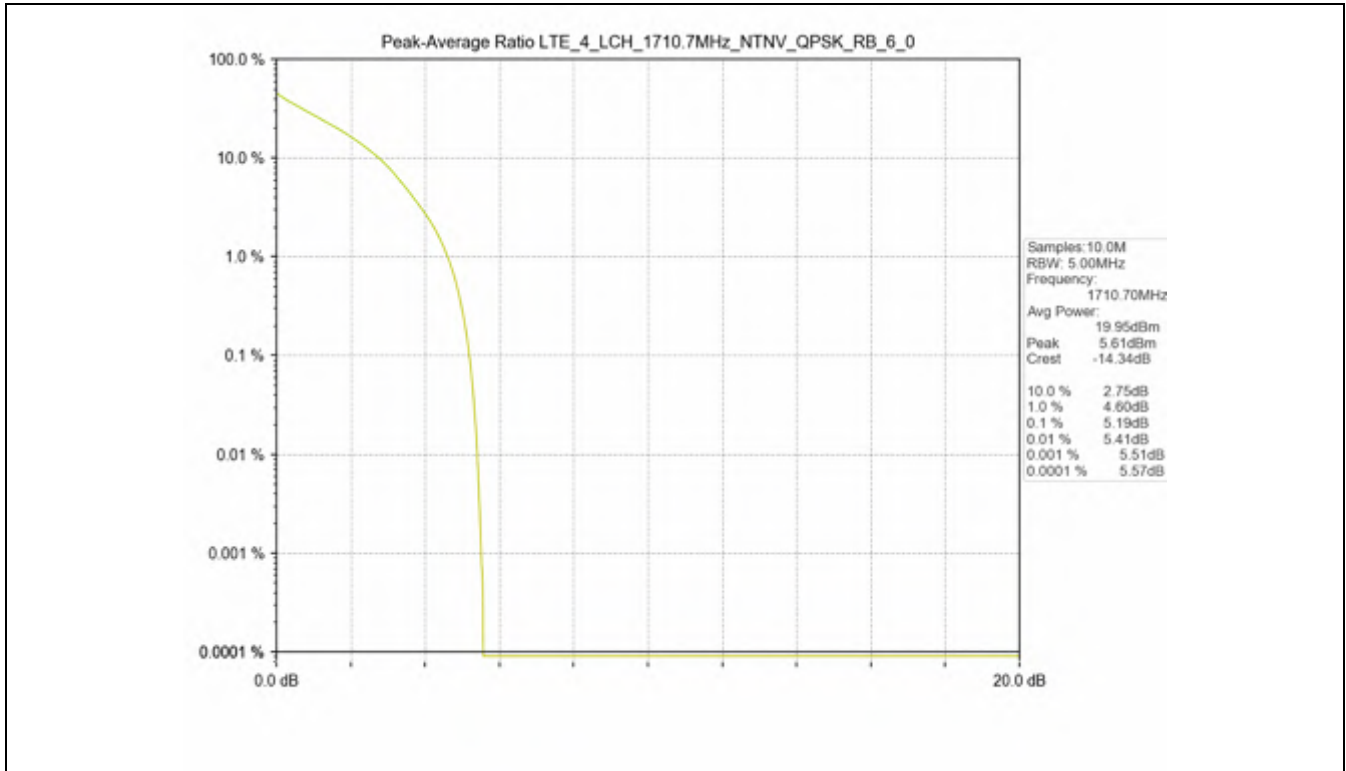
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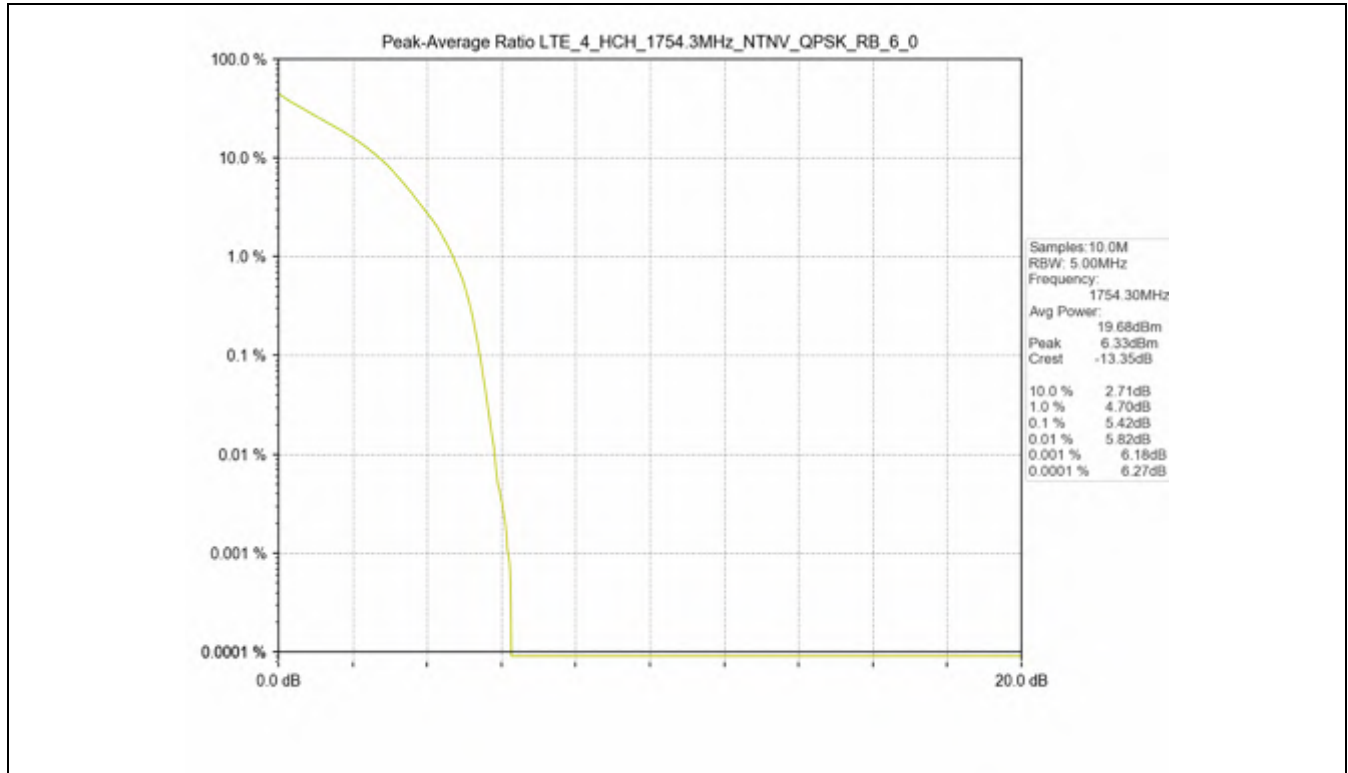
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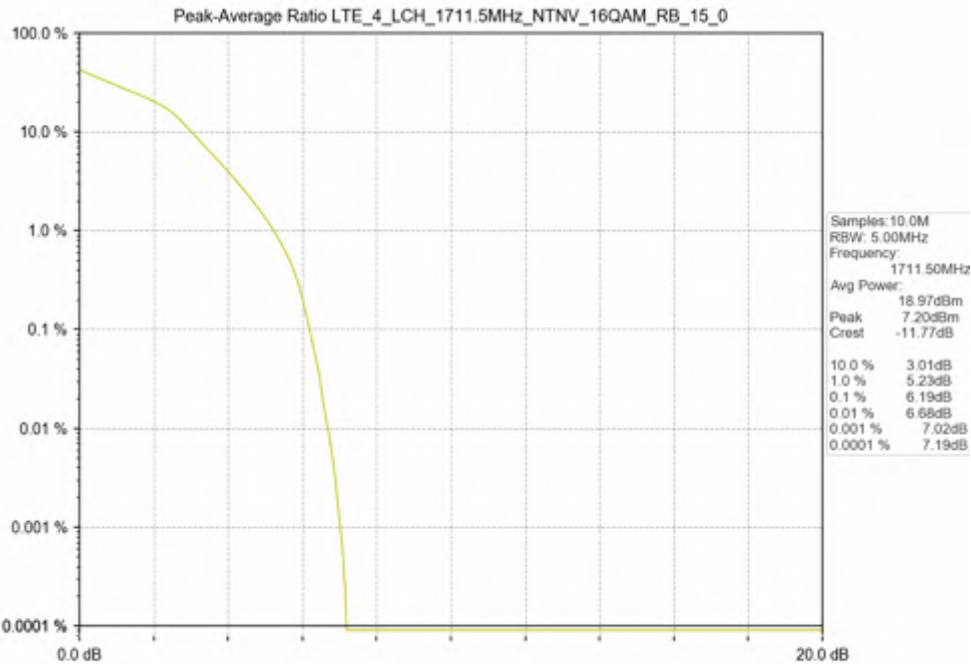
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Test Band: 4 _ 3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	5.31	5.52	5.50	13	PASS
16QAM	15	0	6.19	6.37	6.36	13	PASS

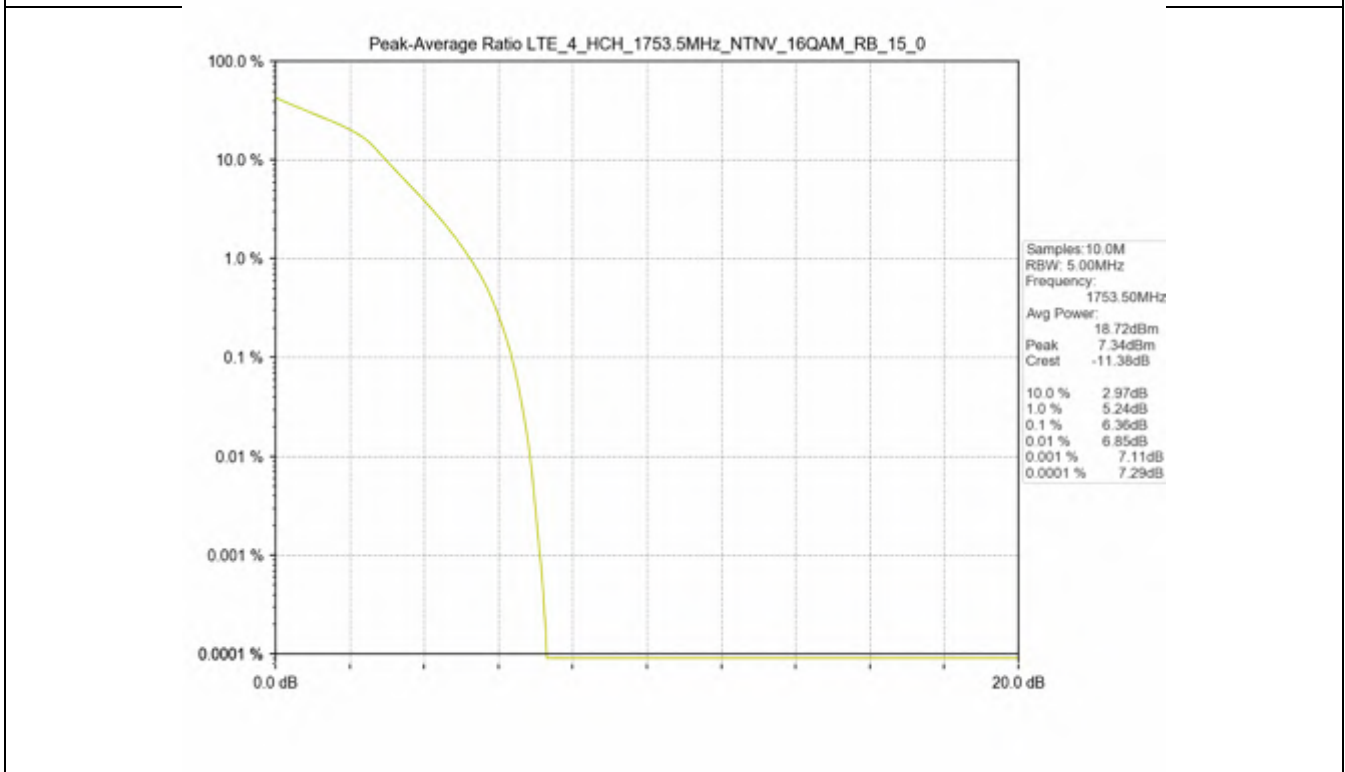
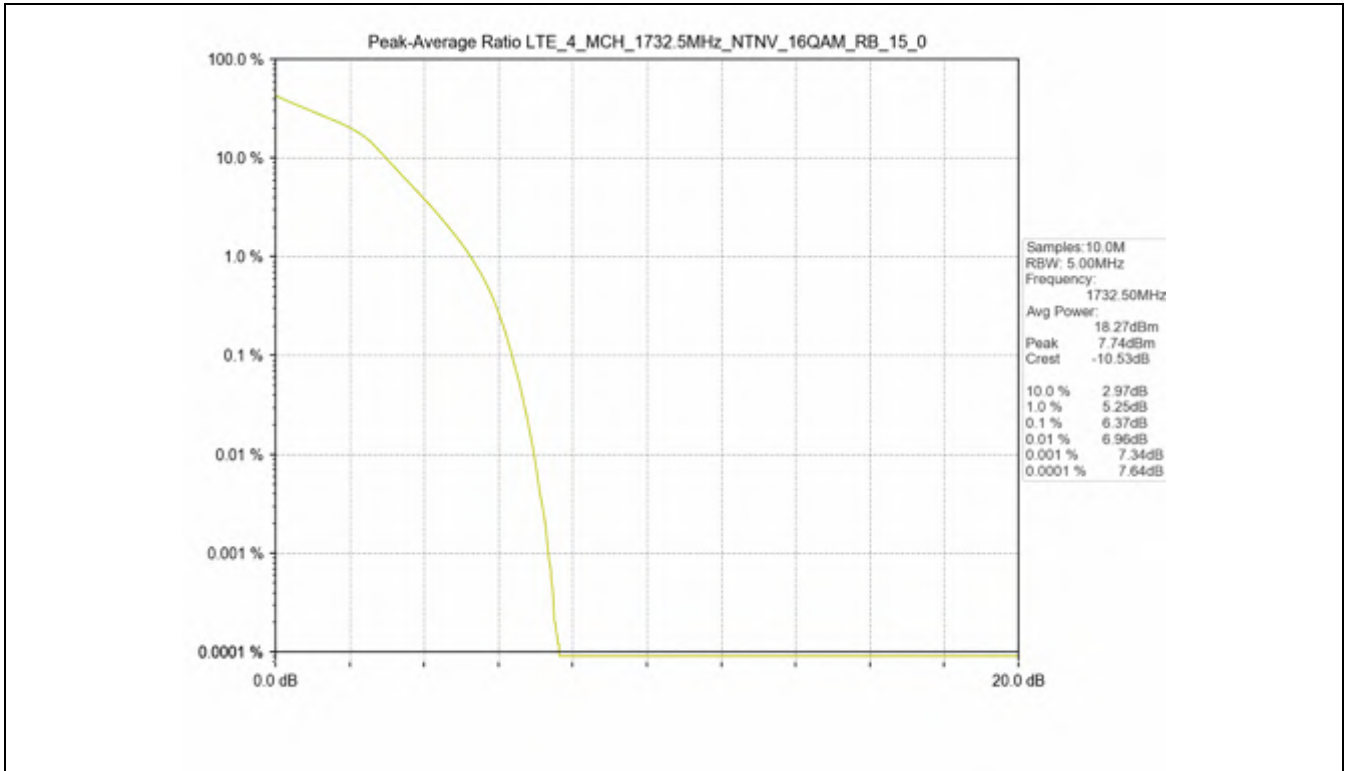


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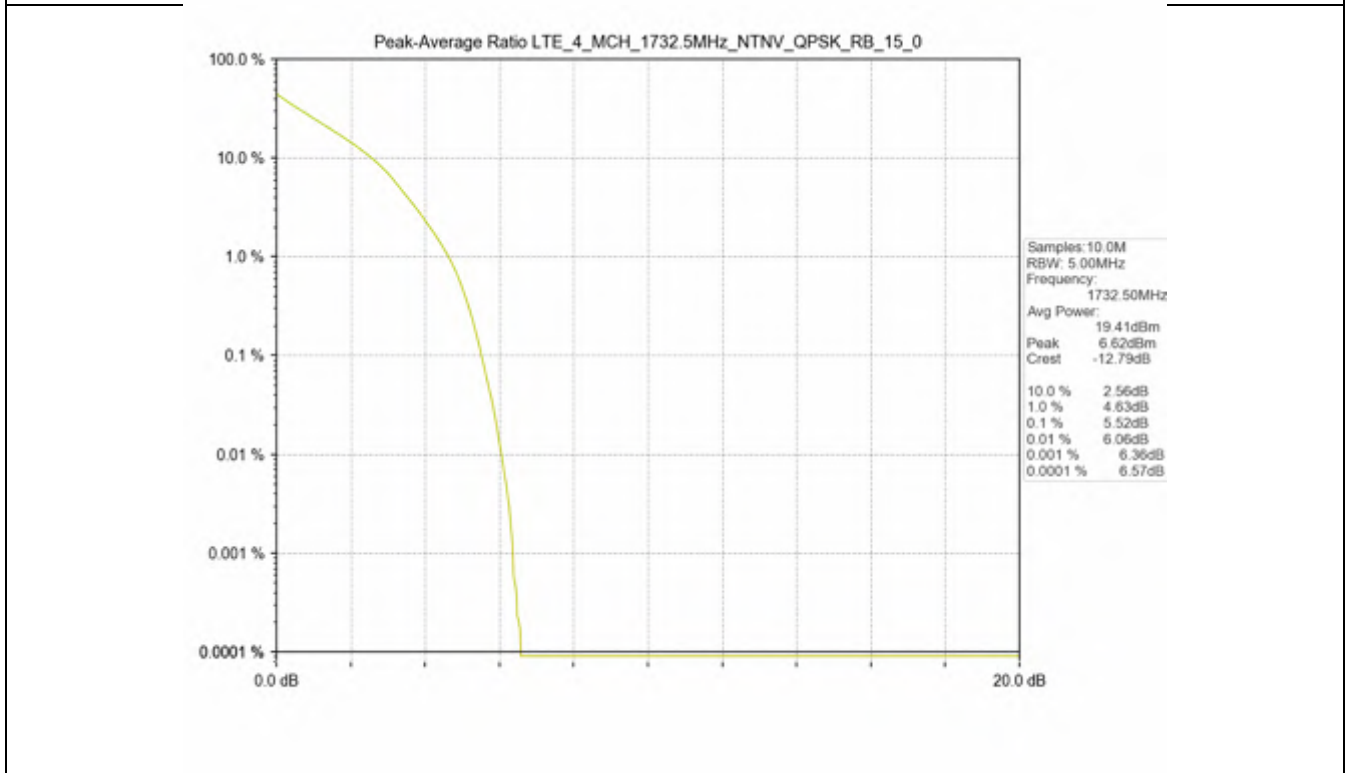
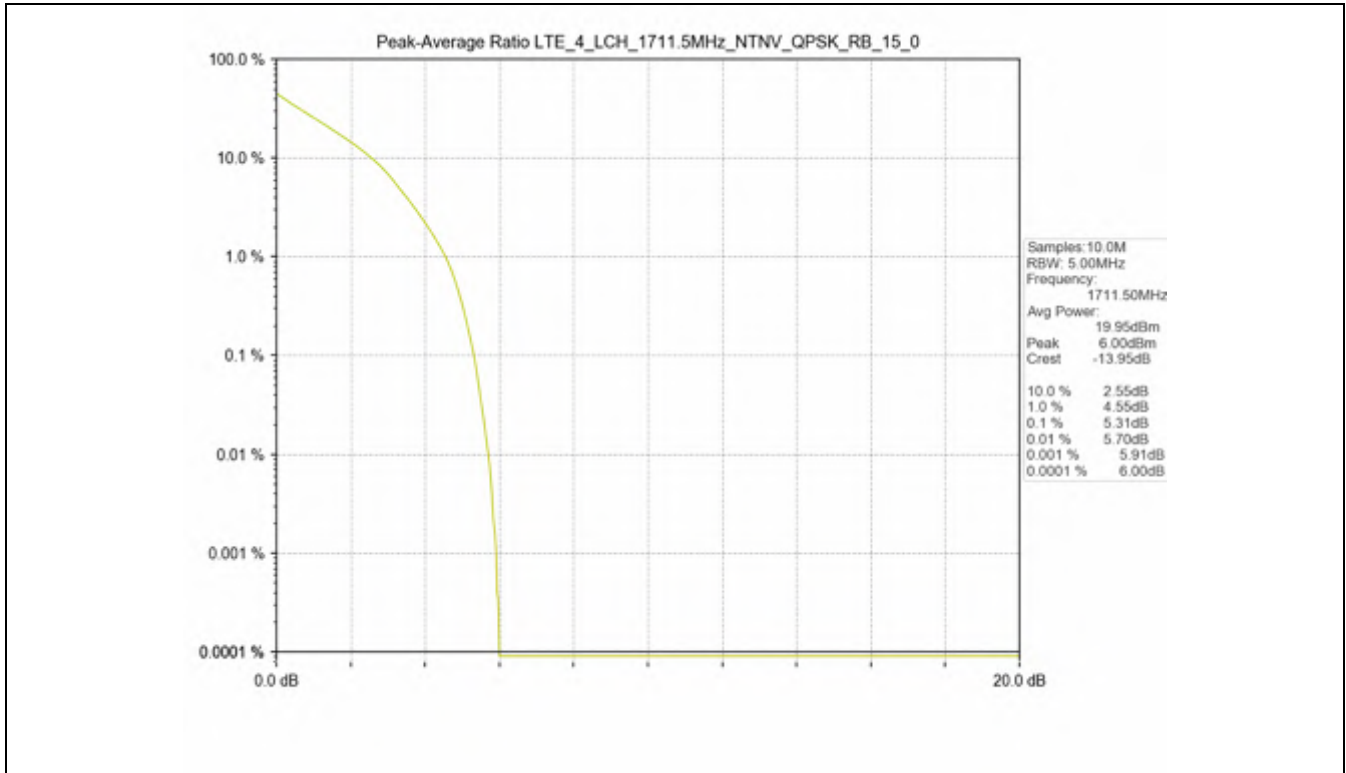
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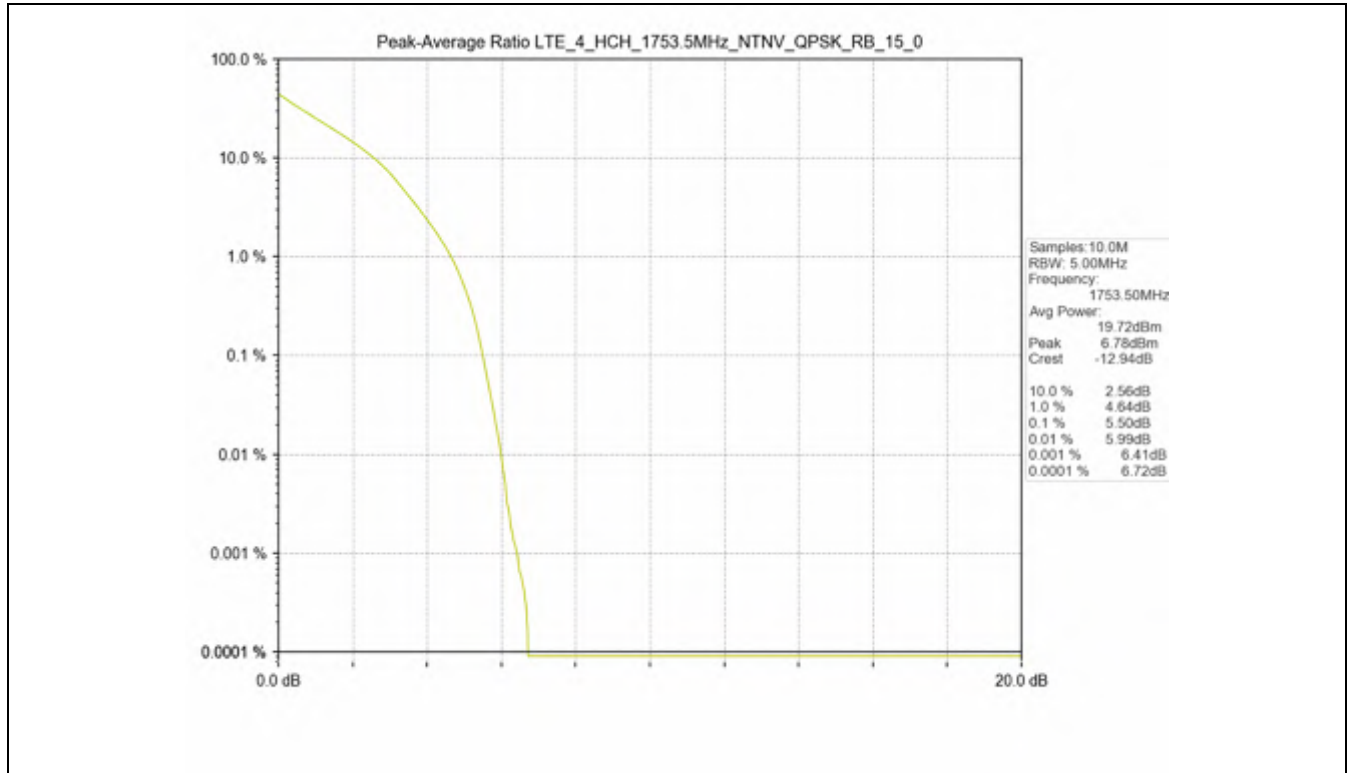
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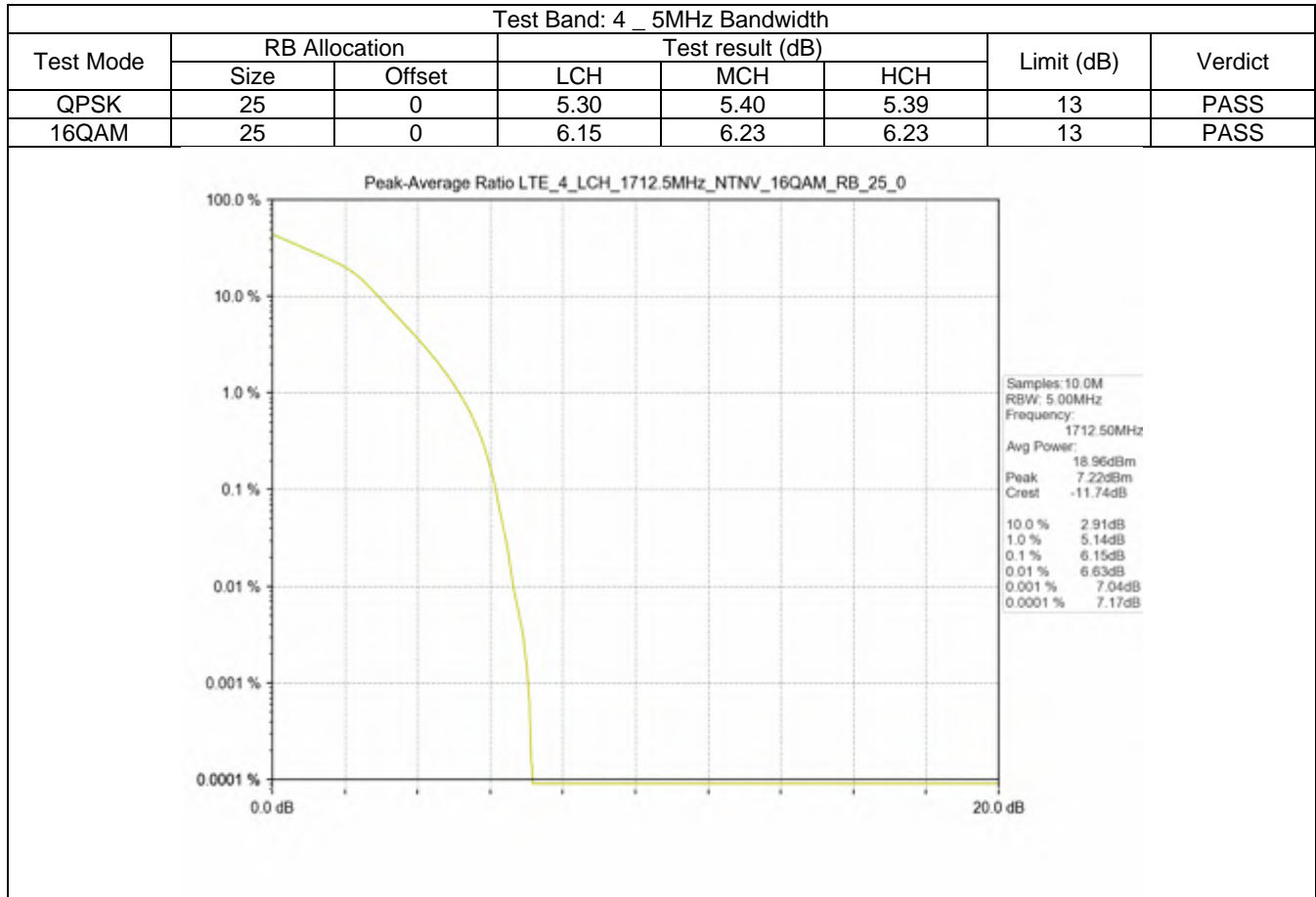
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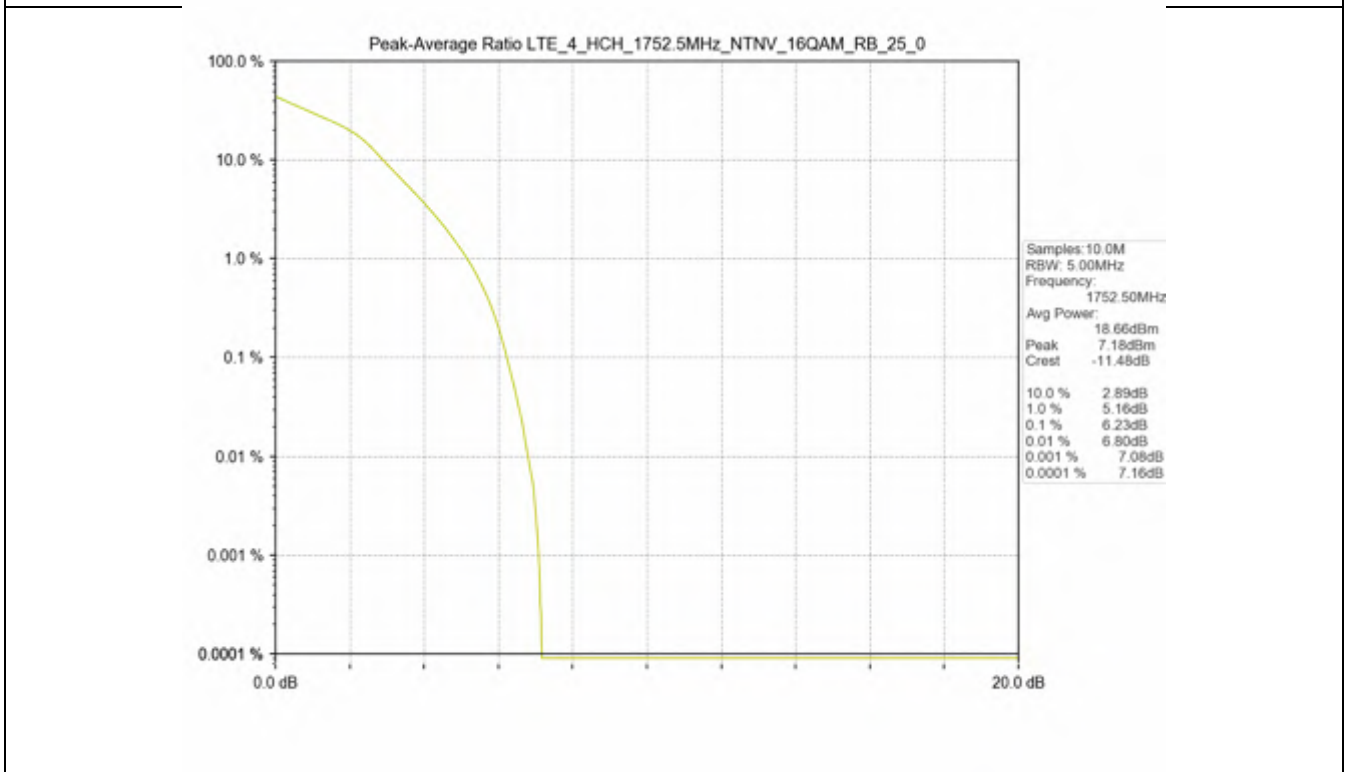
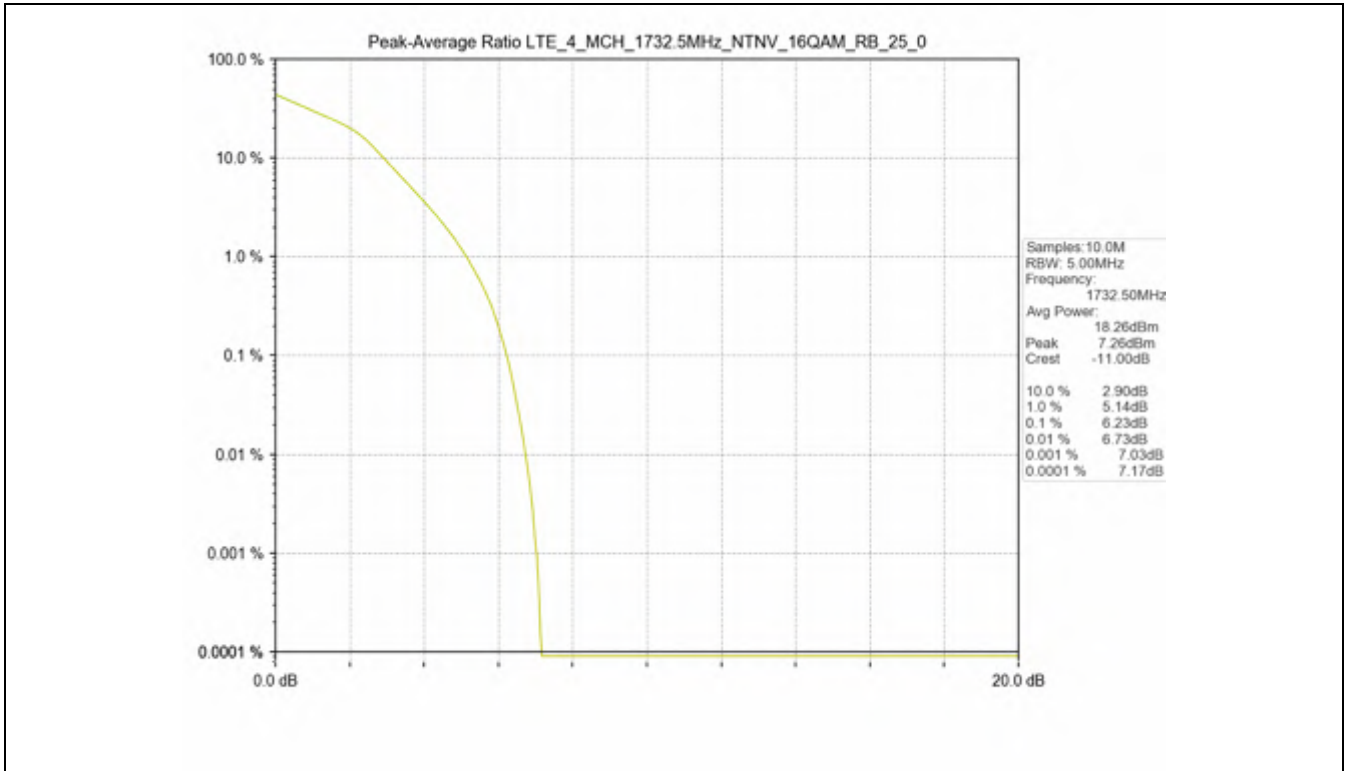
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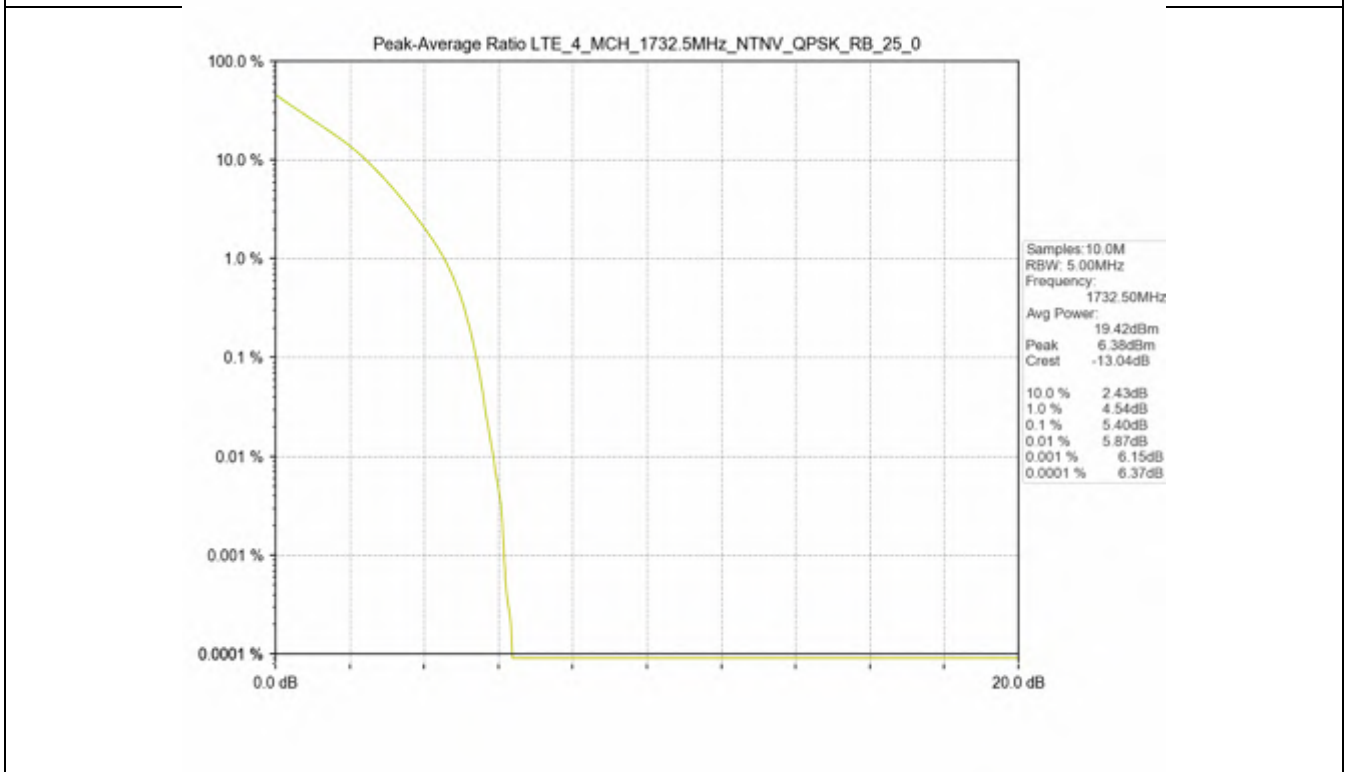
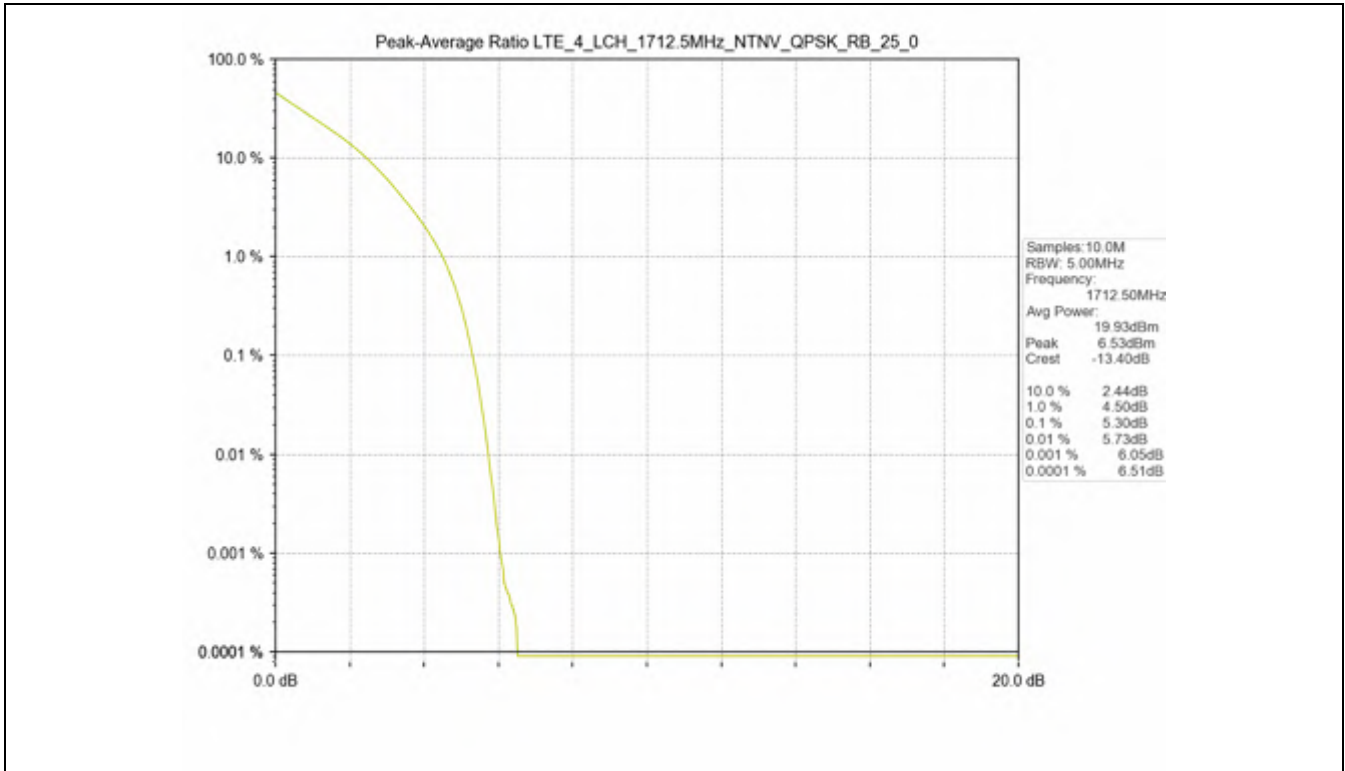
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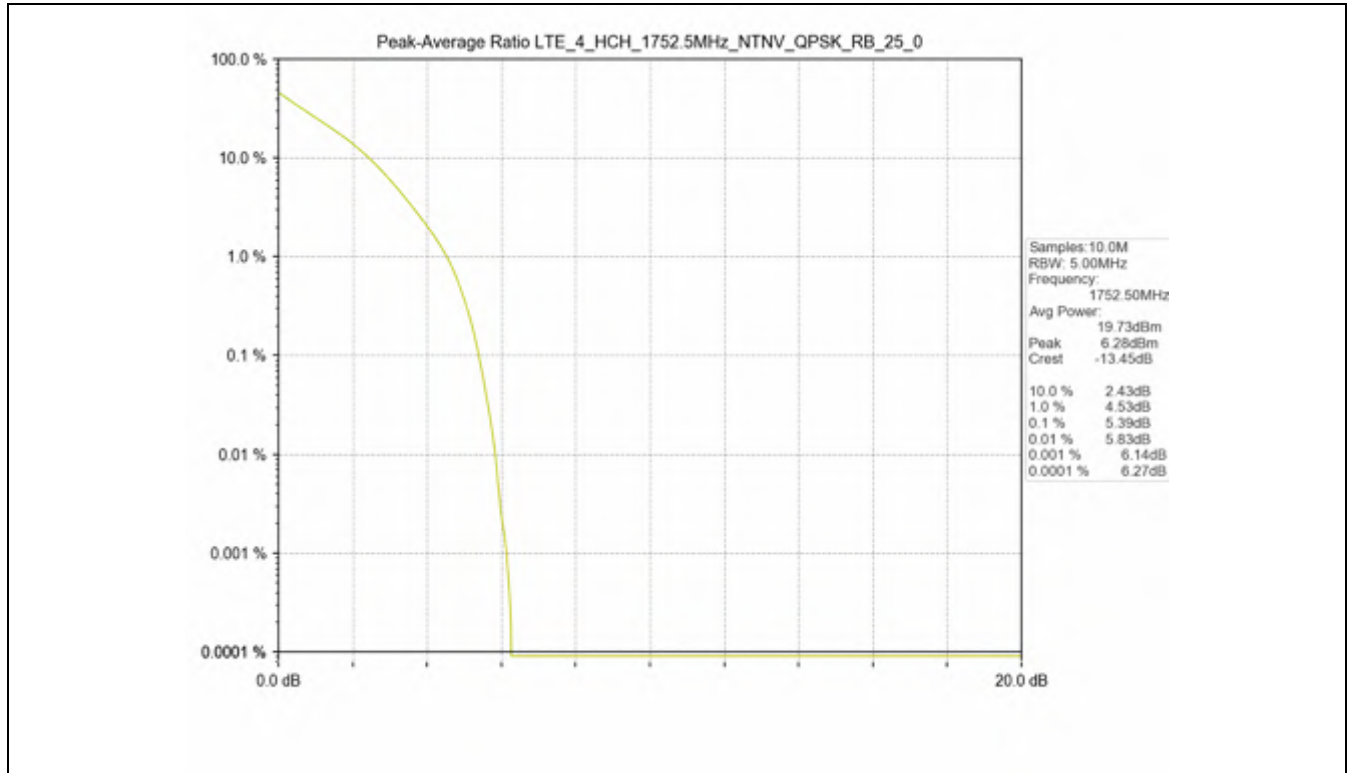
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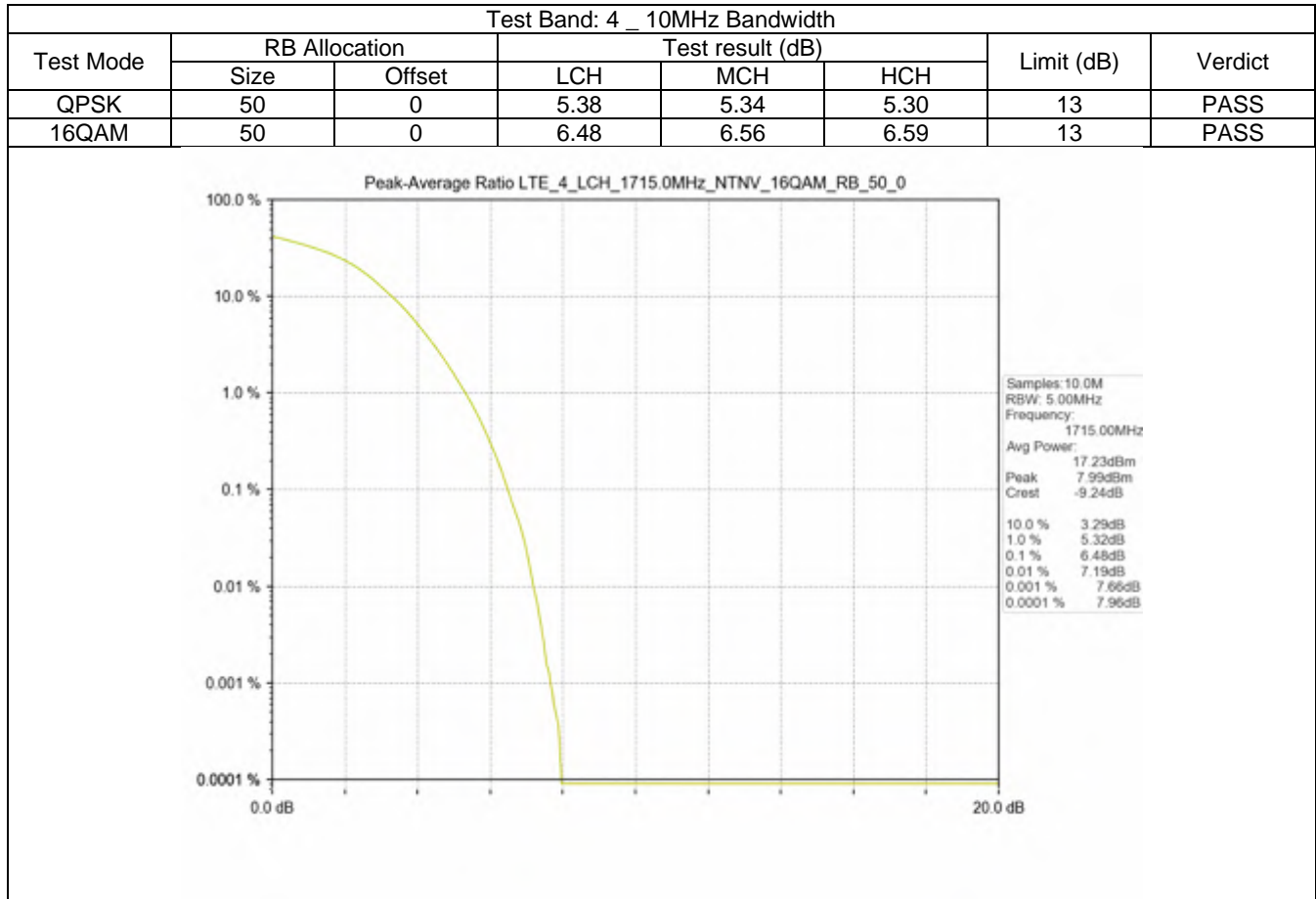


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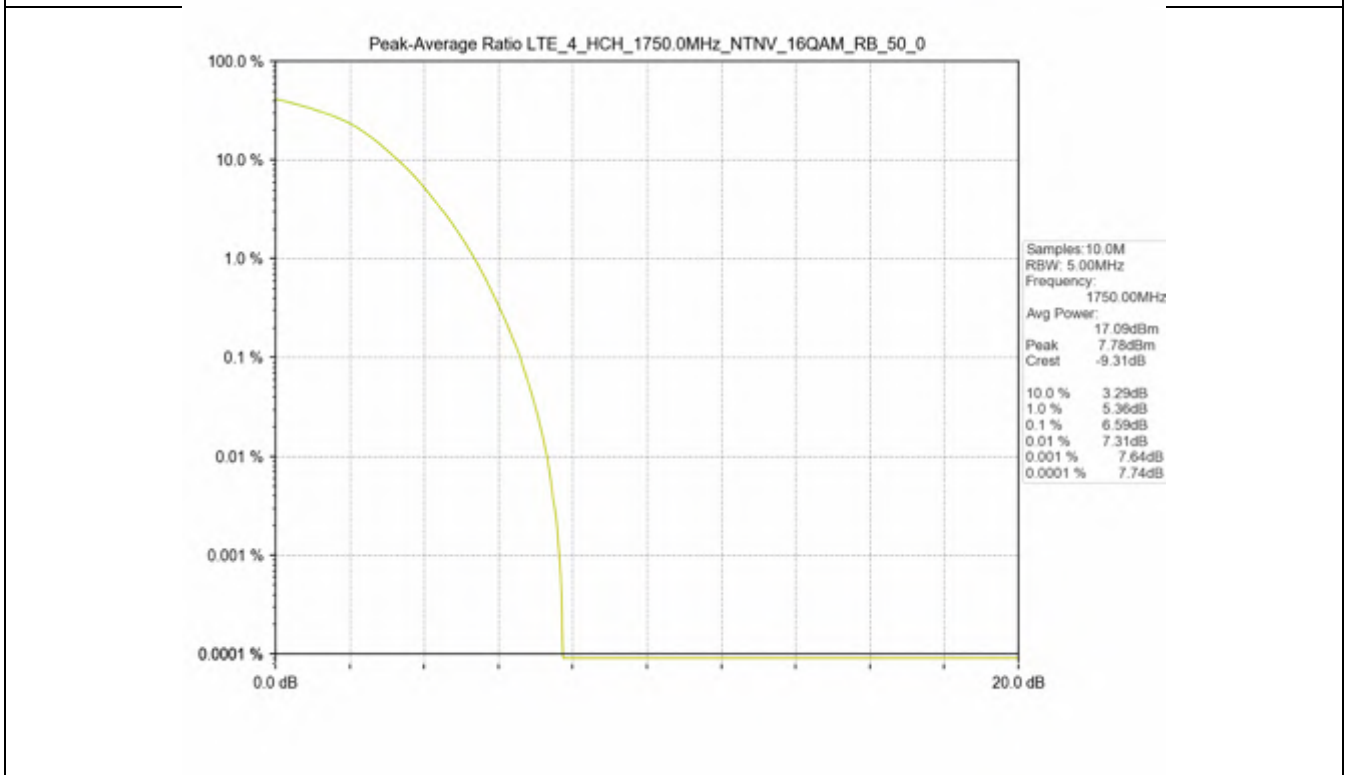
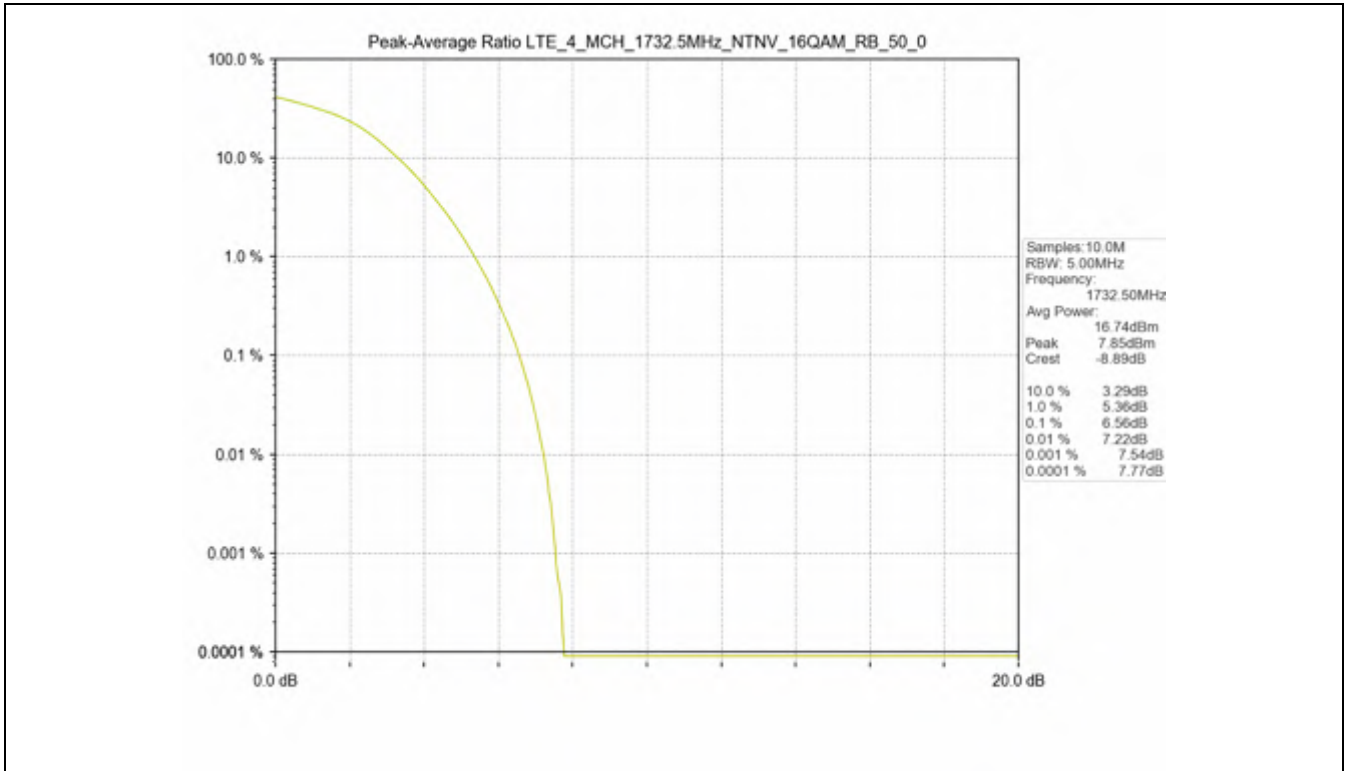




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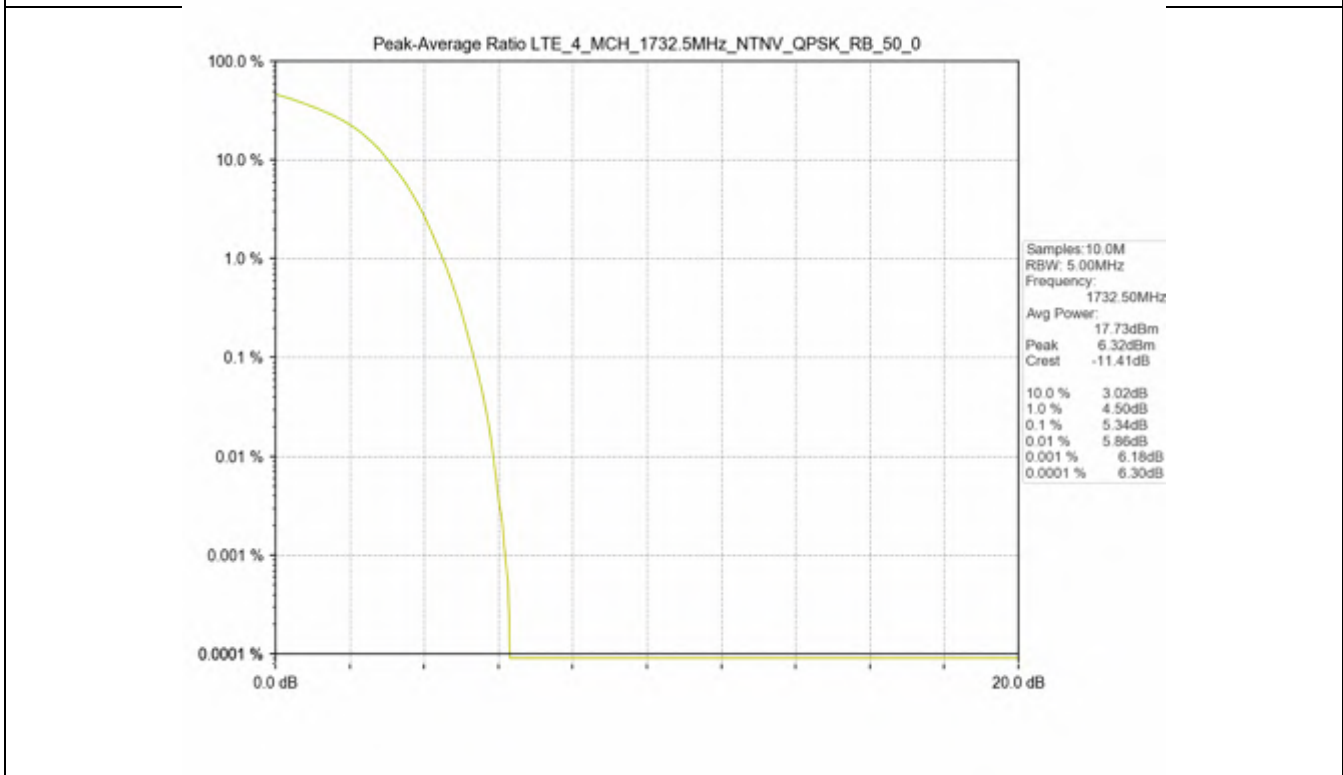
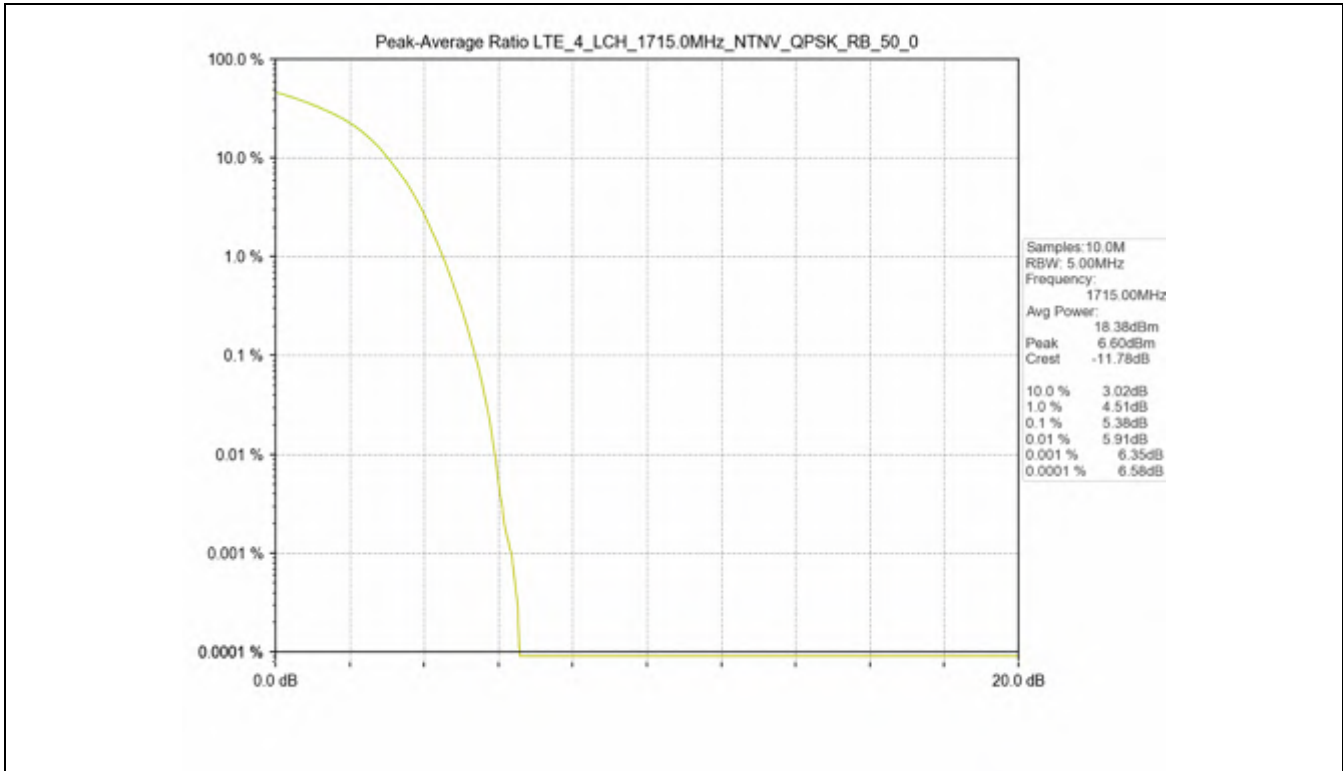
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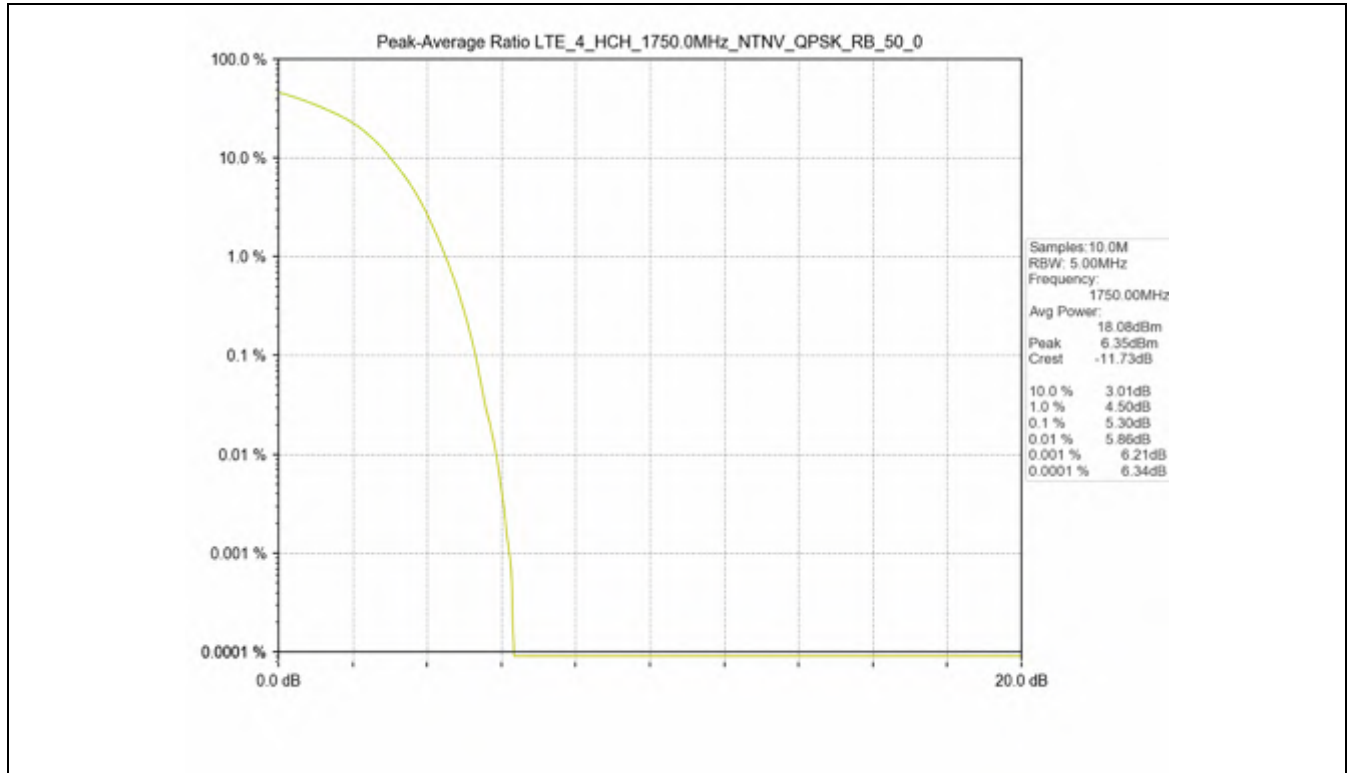
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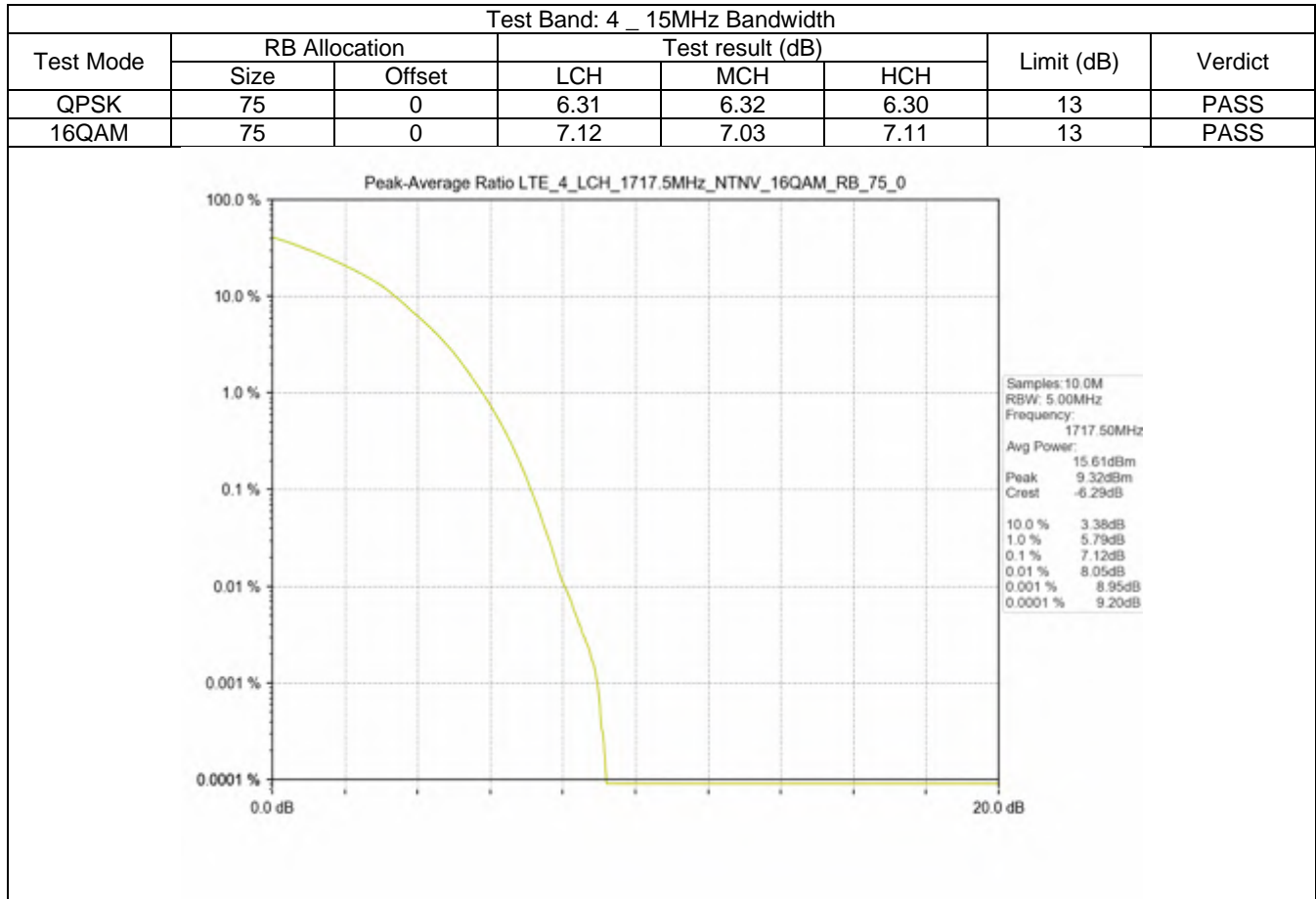
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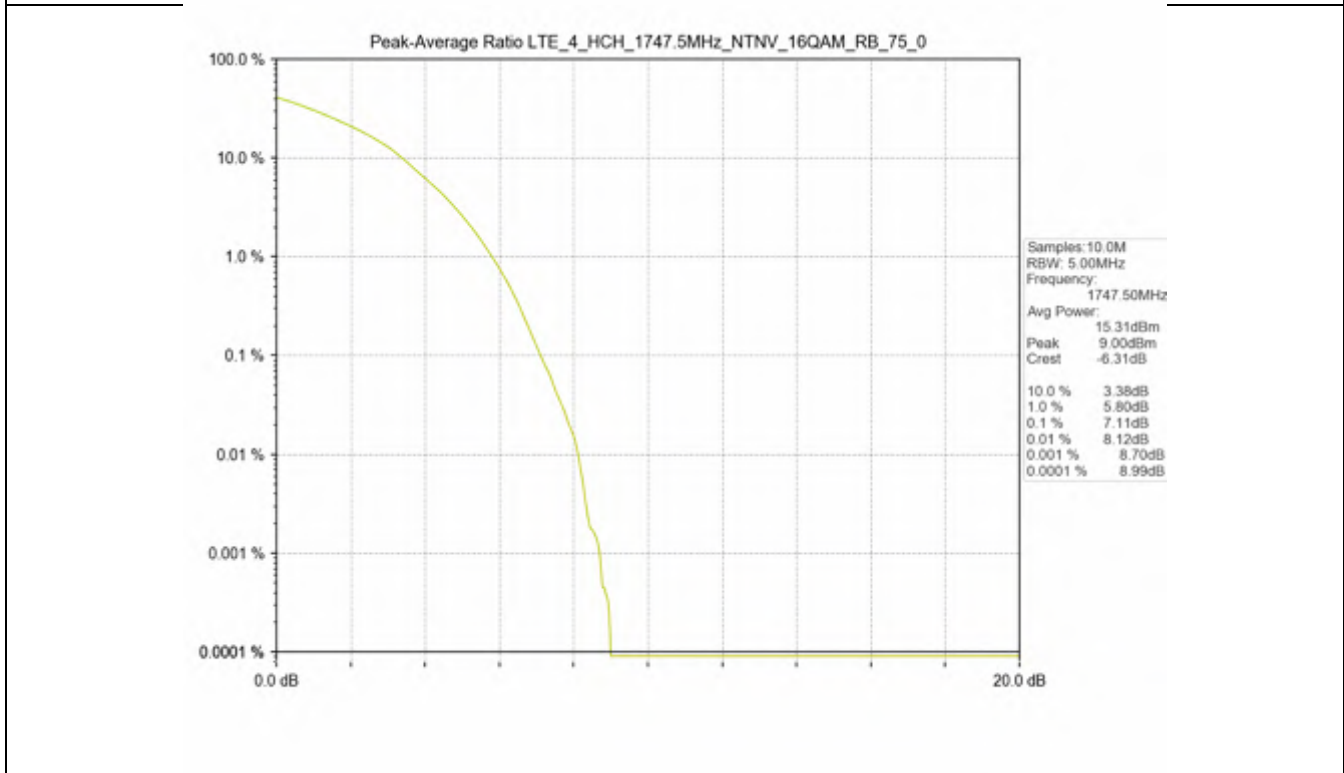
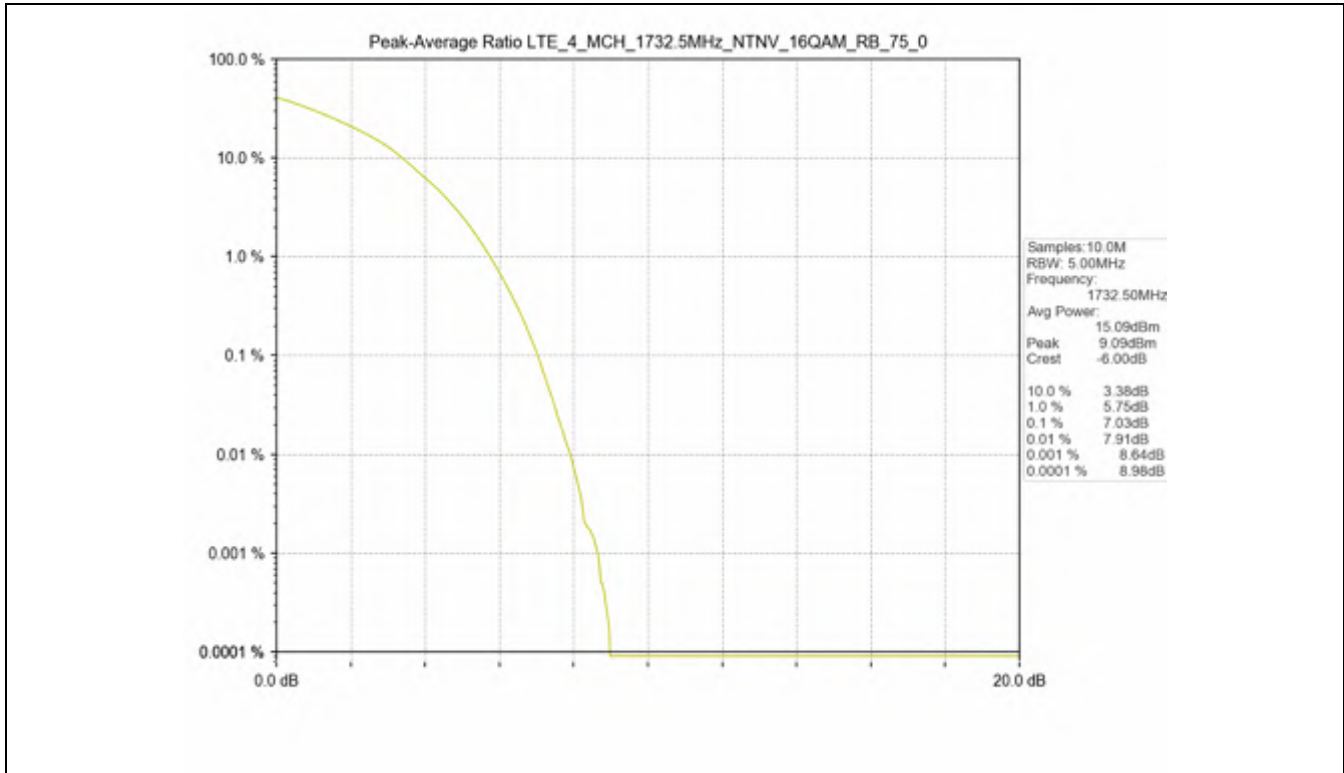
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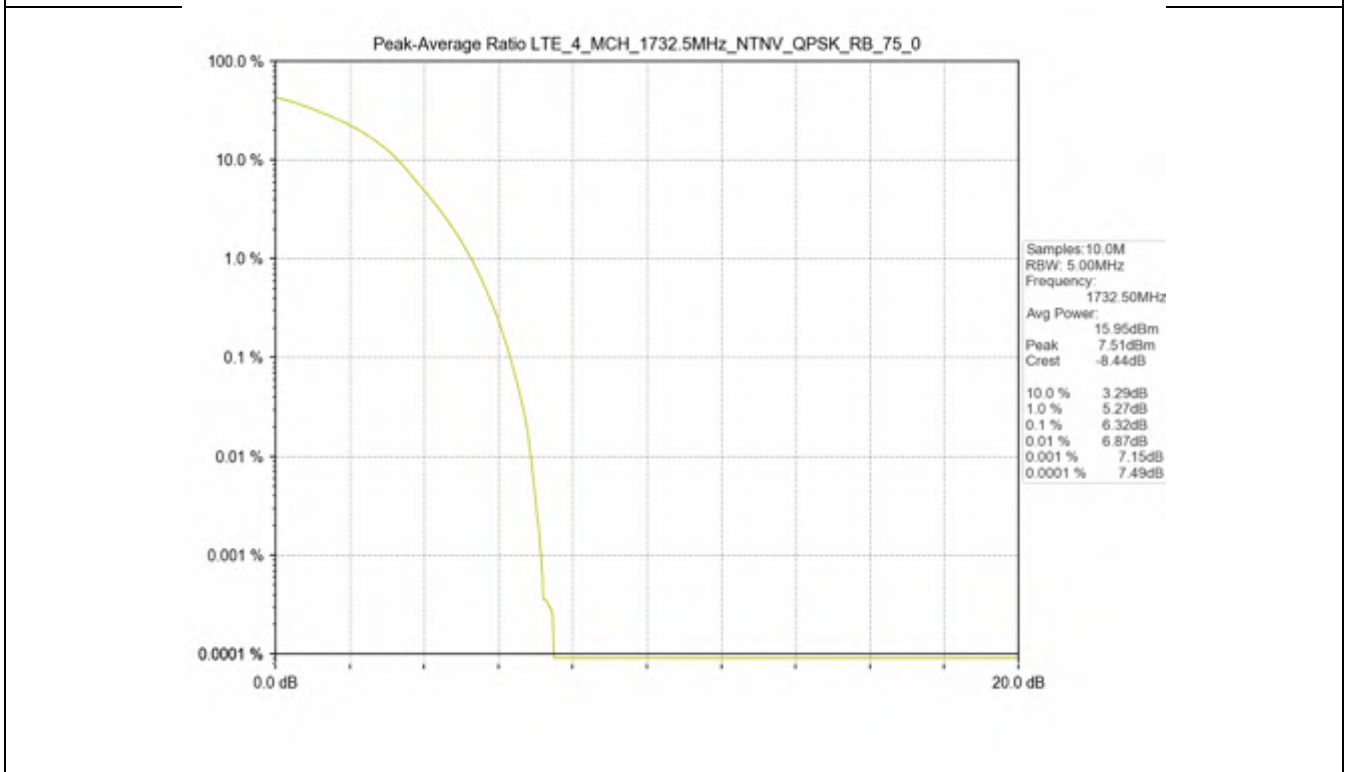
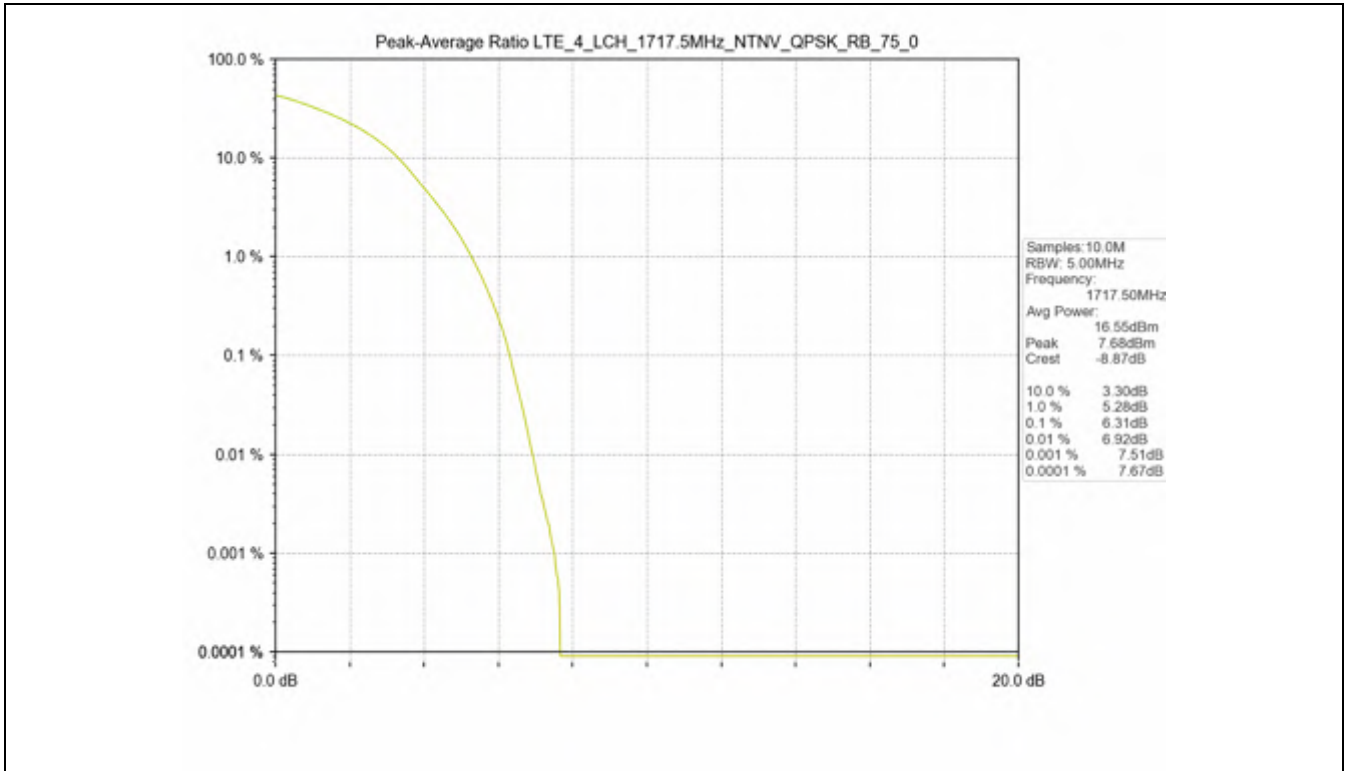
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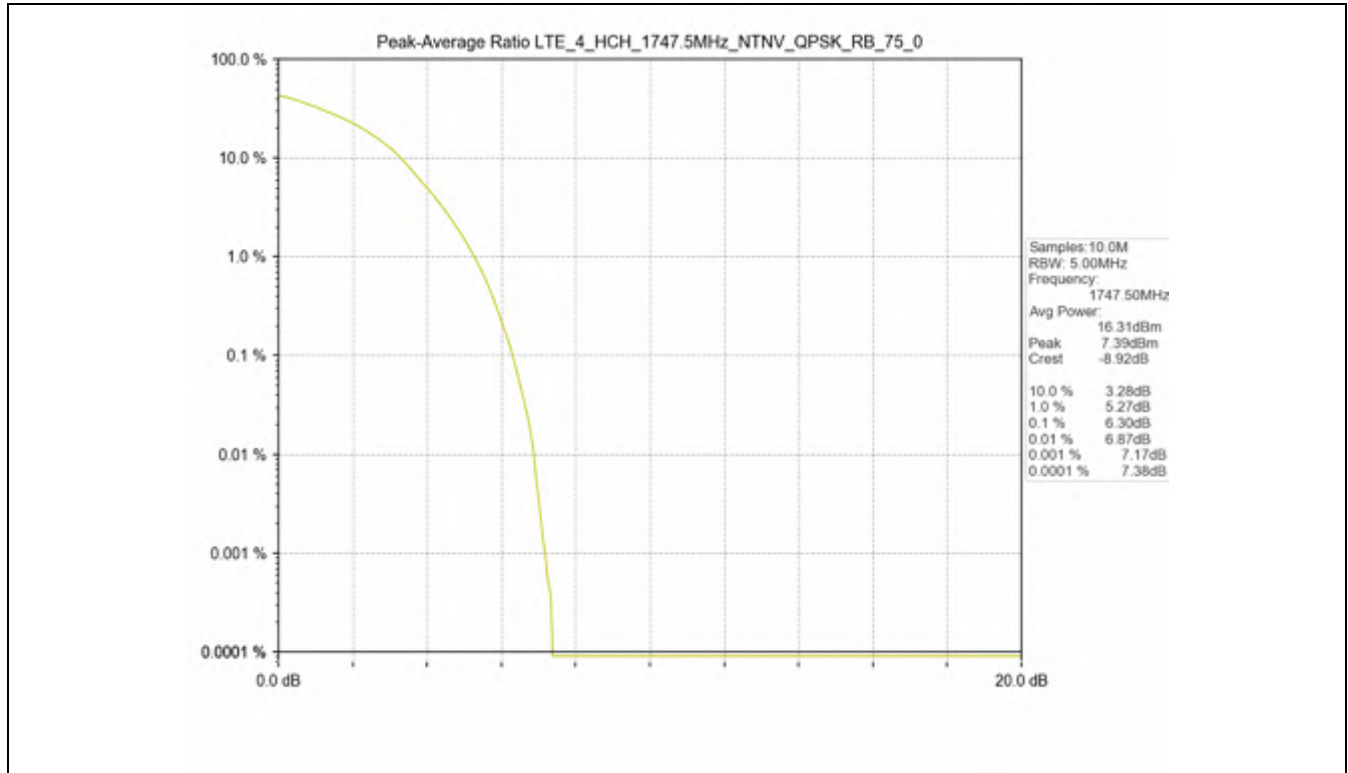
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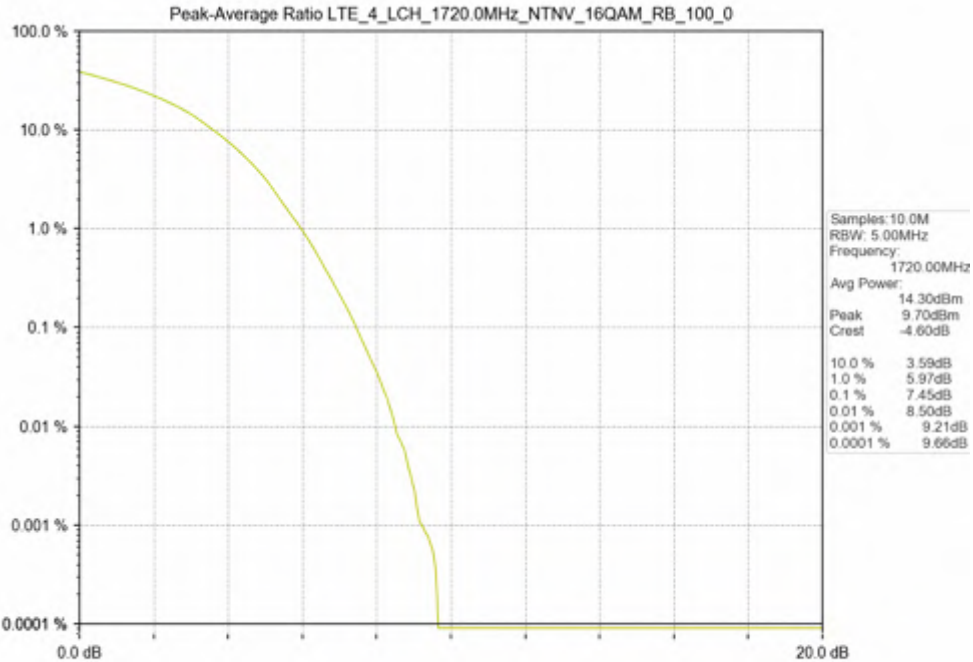
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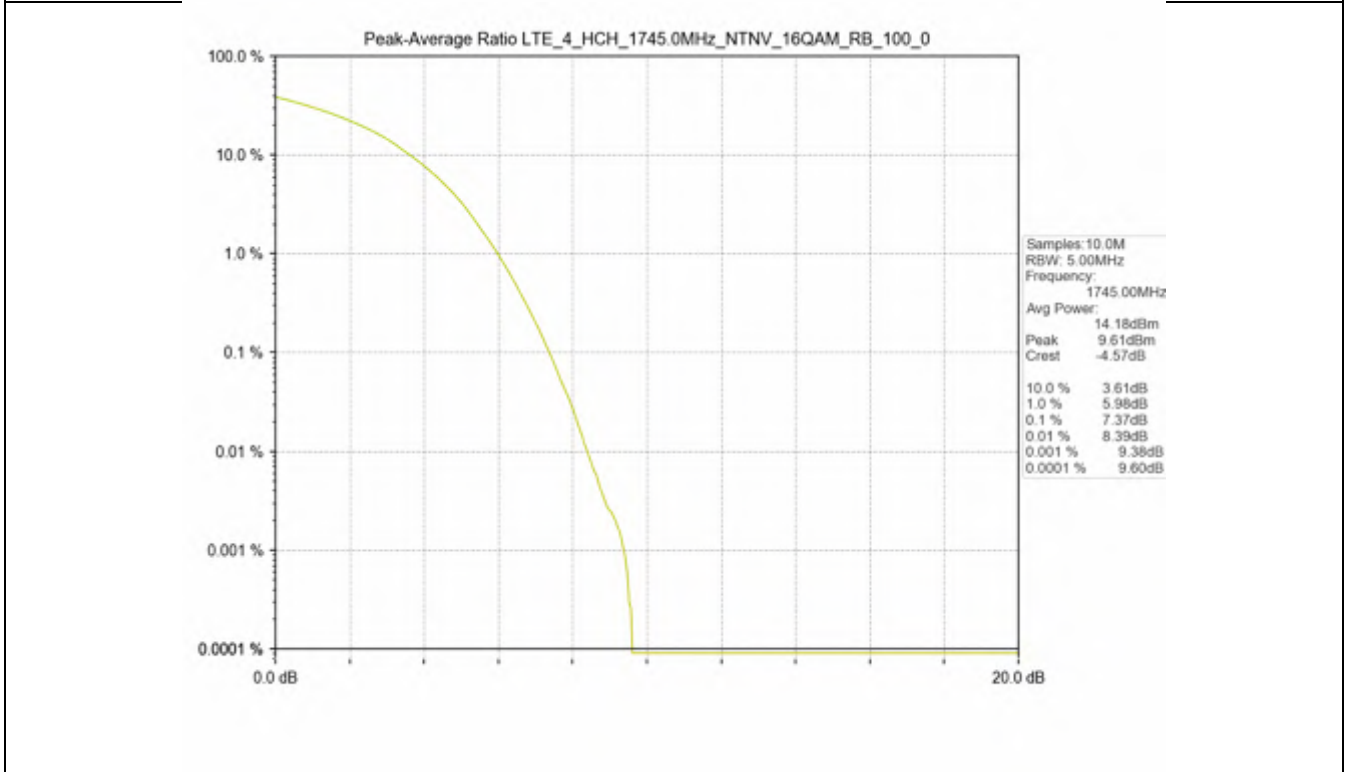
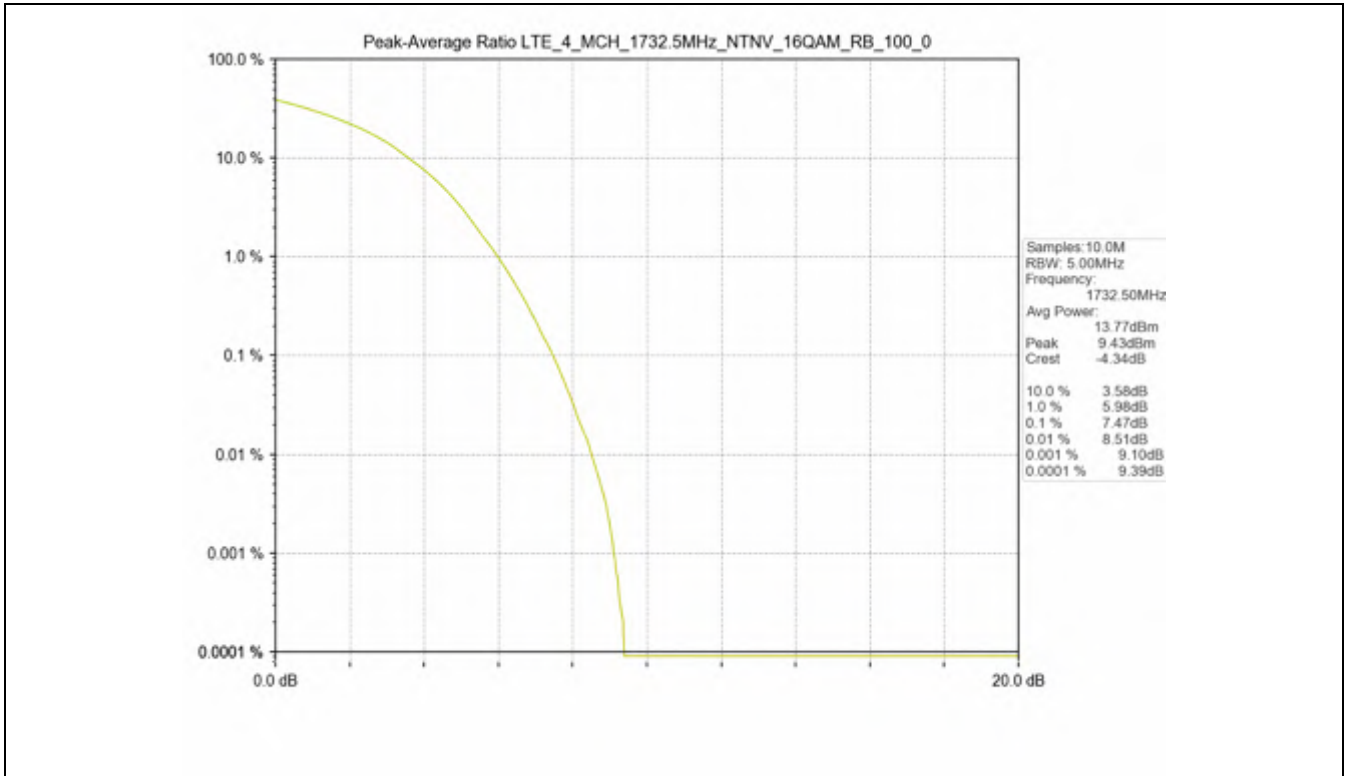
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Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
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16QAM	100	0	7.45	7.47	7.37	13	PASS



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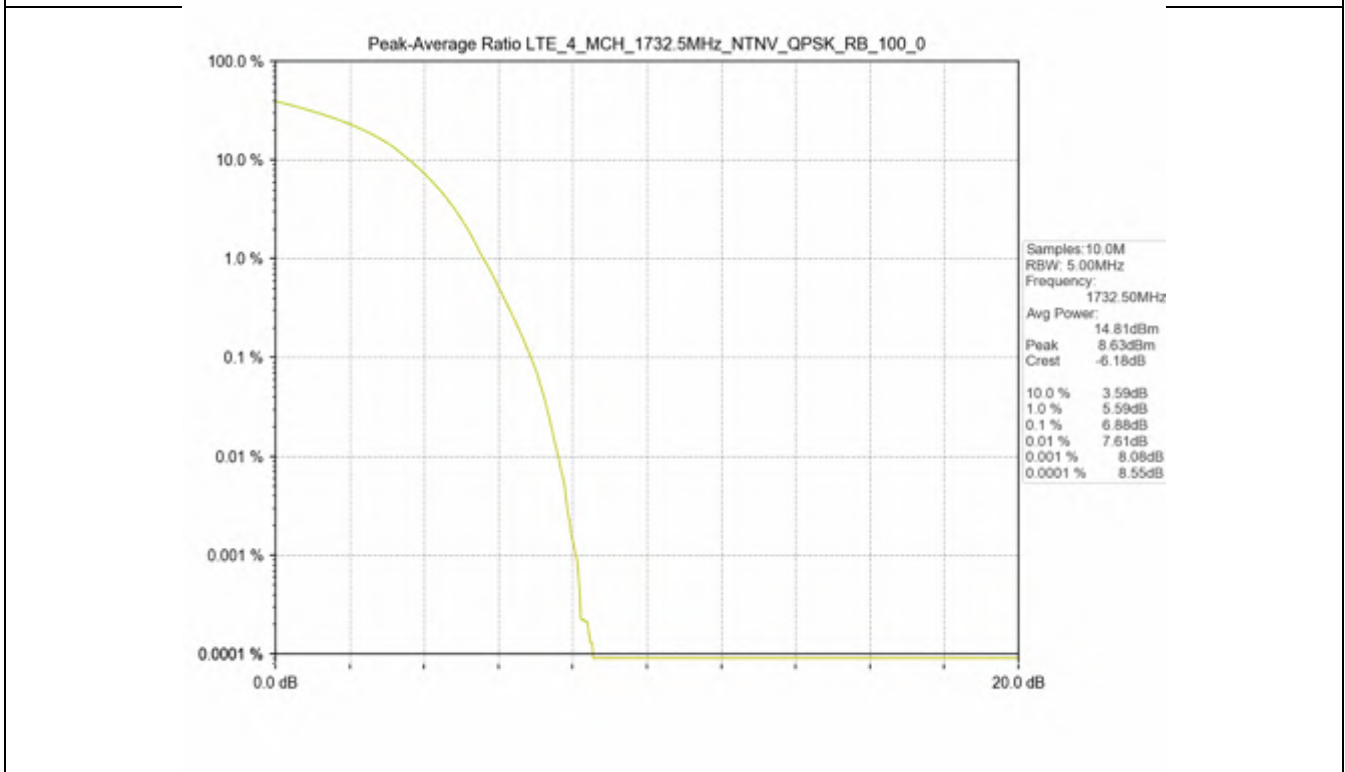
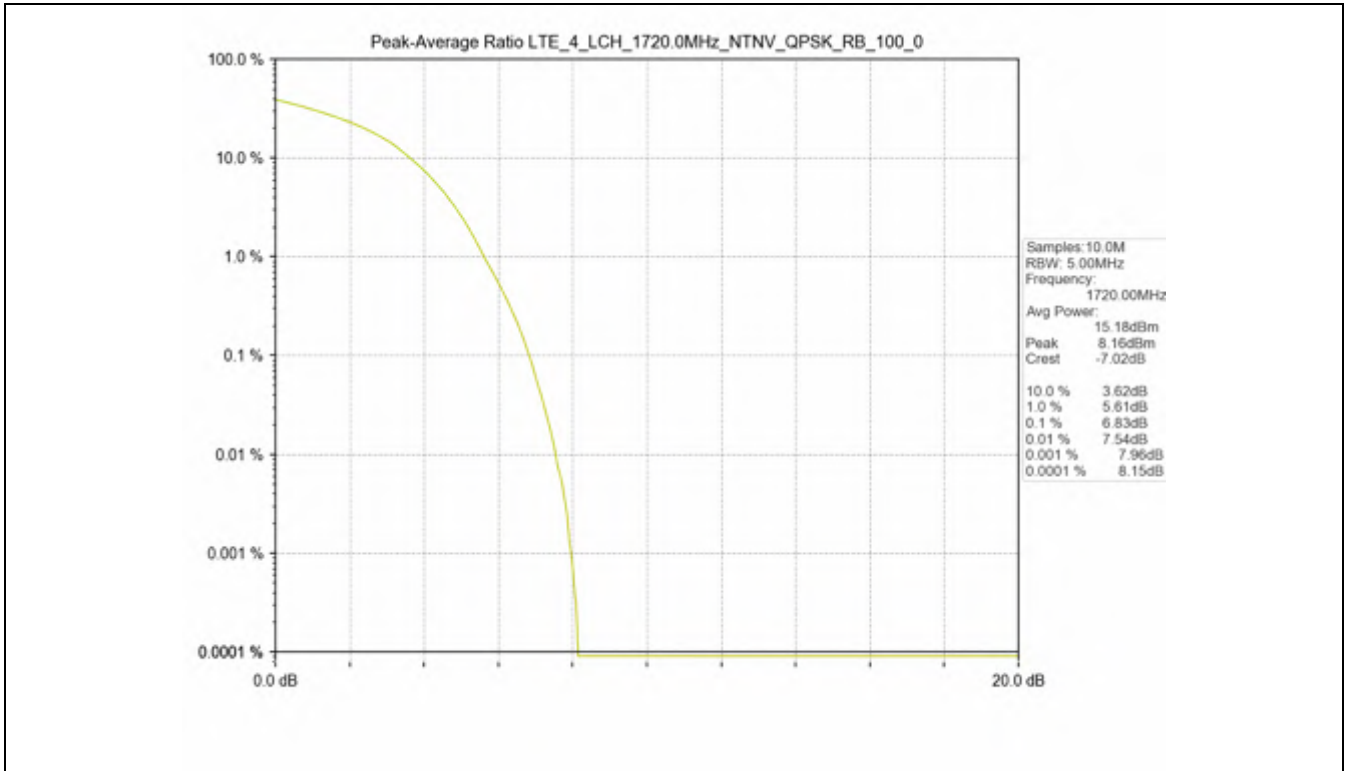
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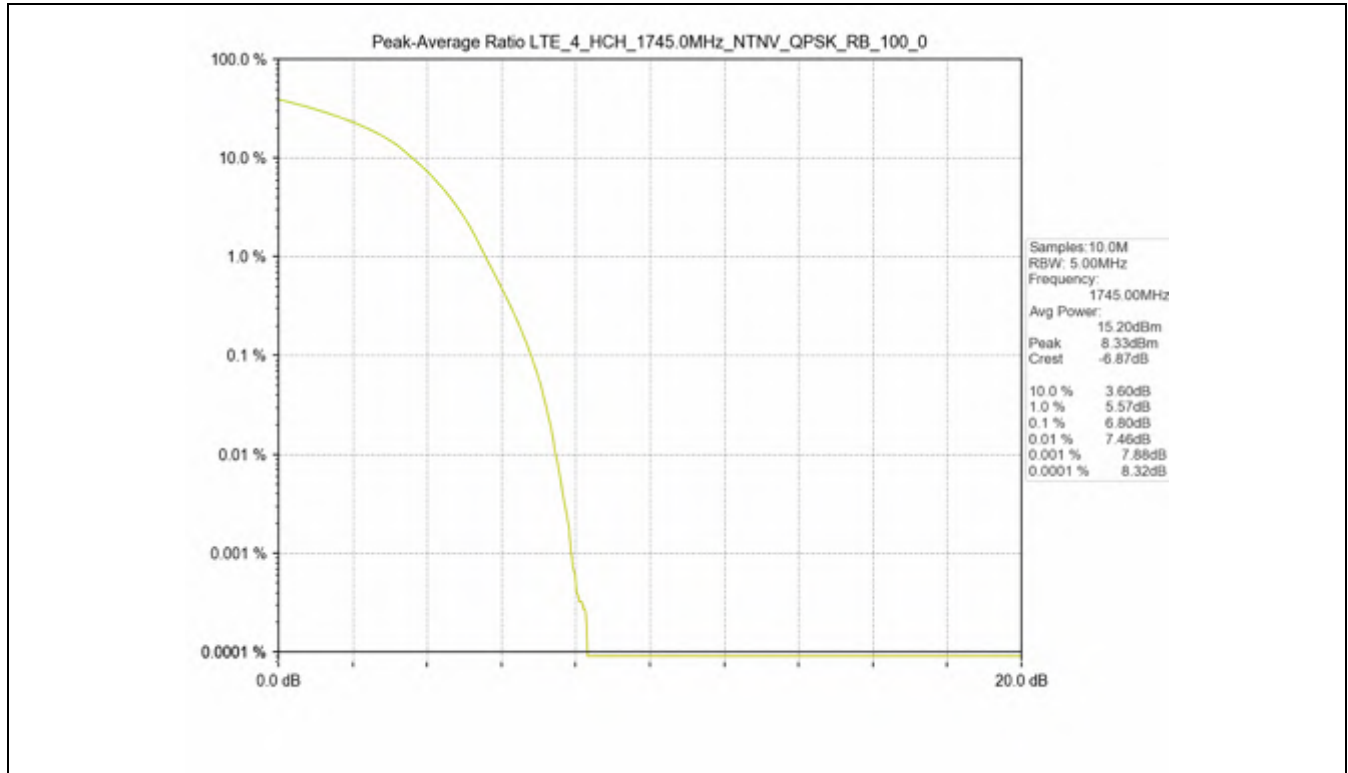
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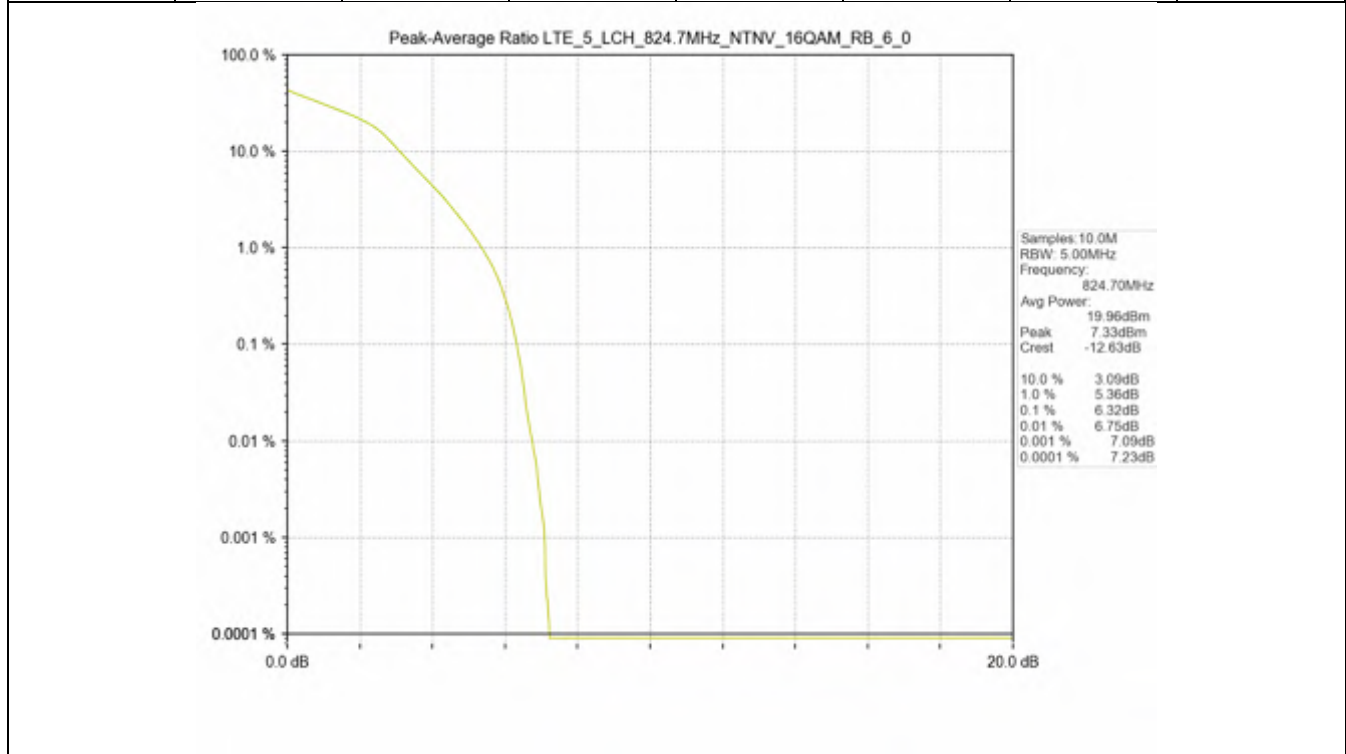
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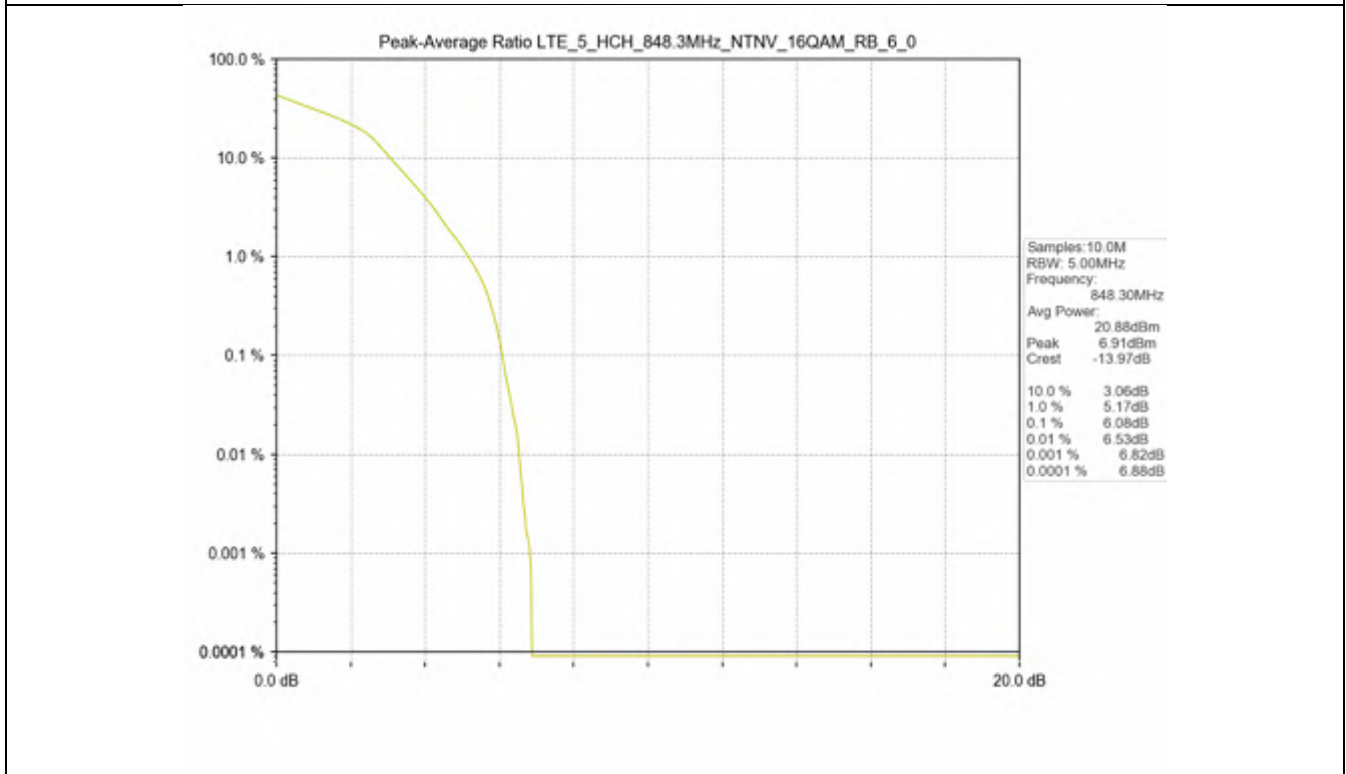
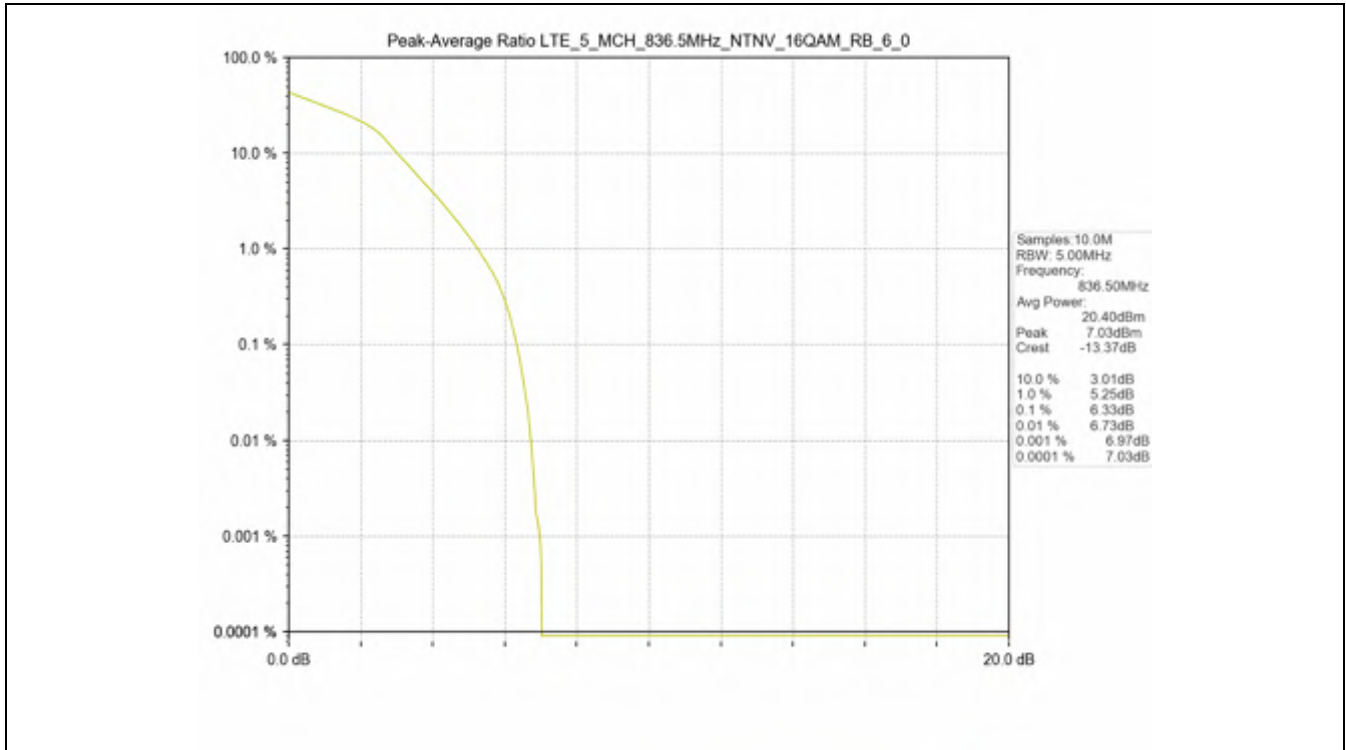
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	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.43	5.38	5.24	13	PASS
16QAM	6	0	6.32	6.33	6.08	13	PASS



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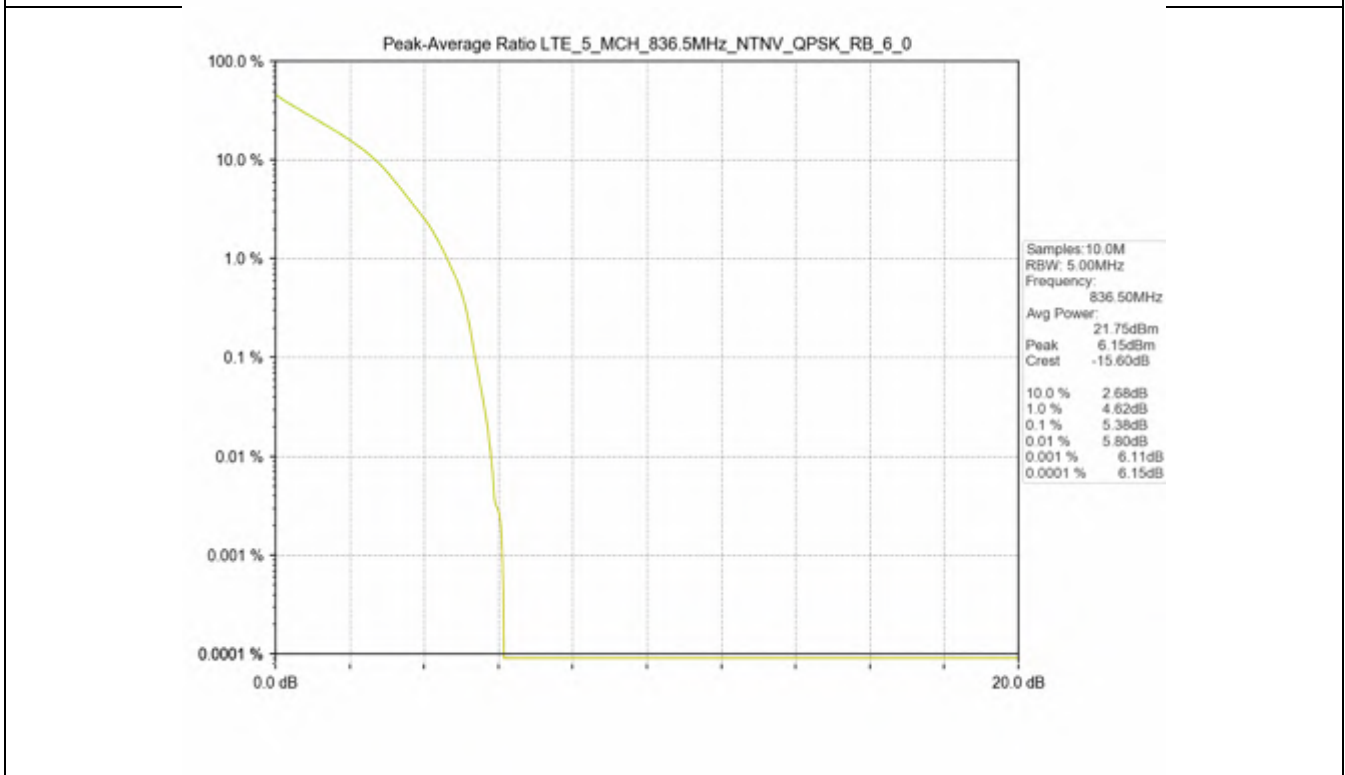
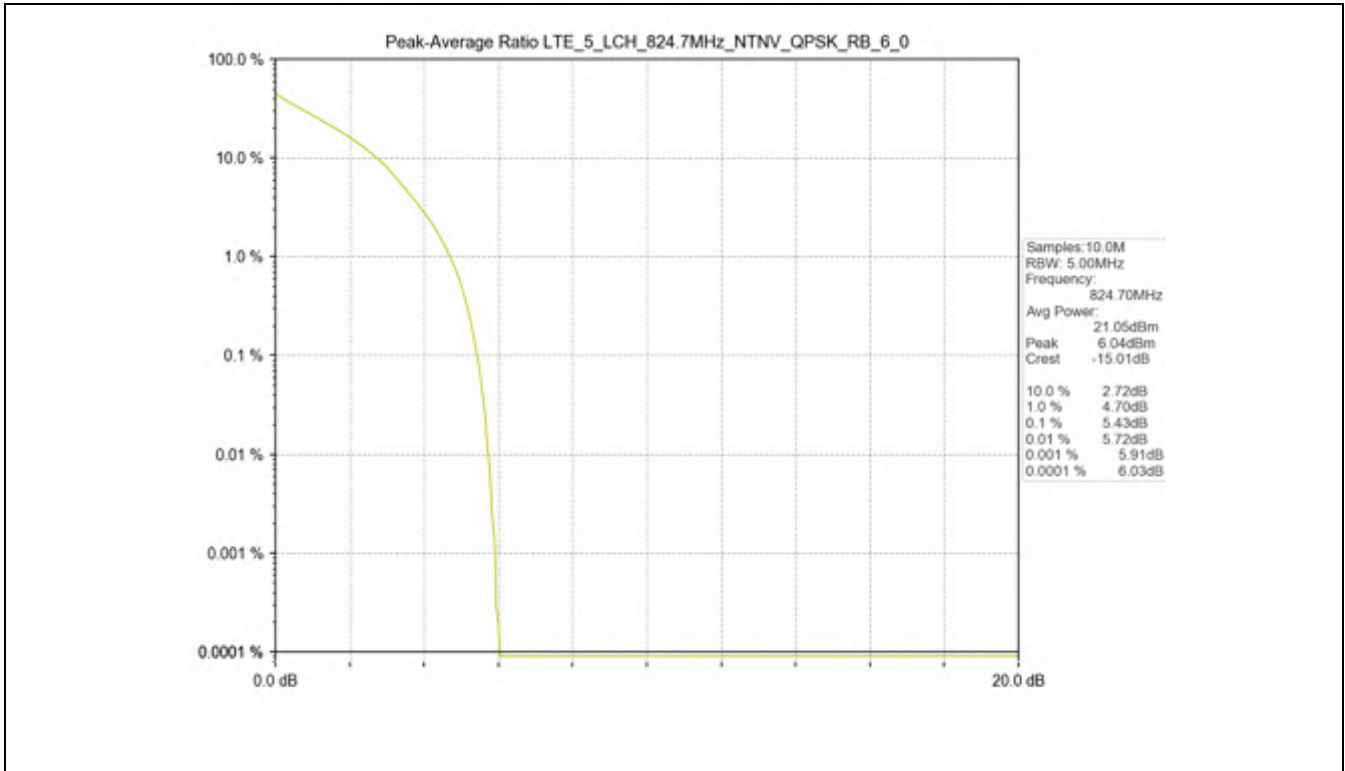
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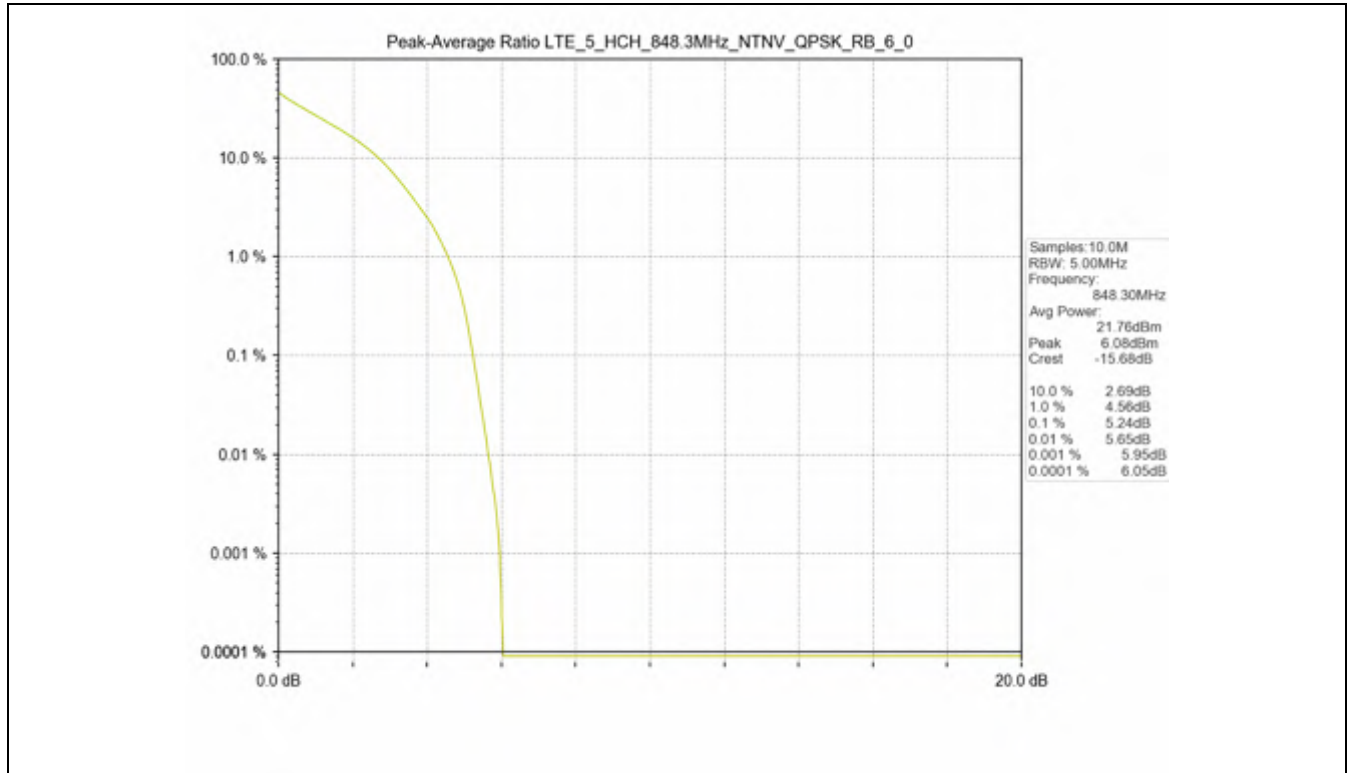
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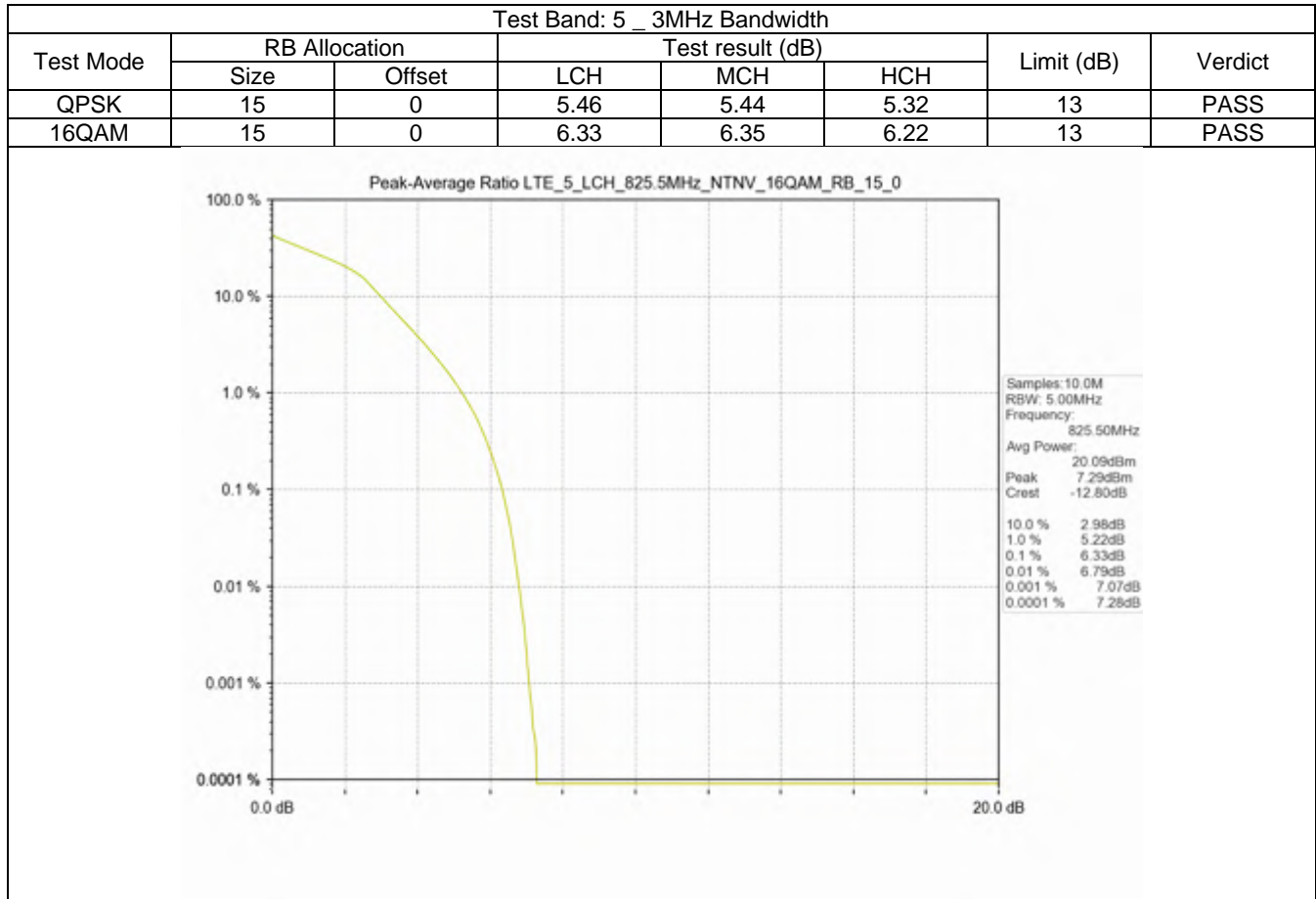


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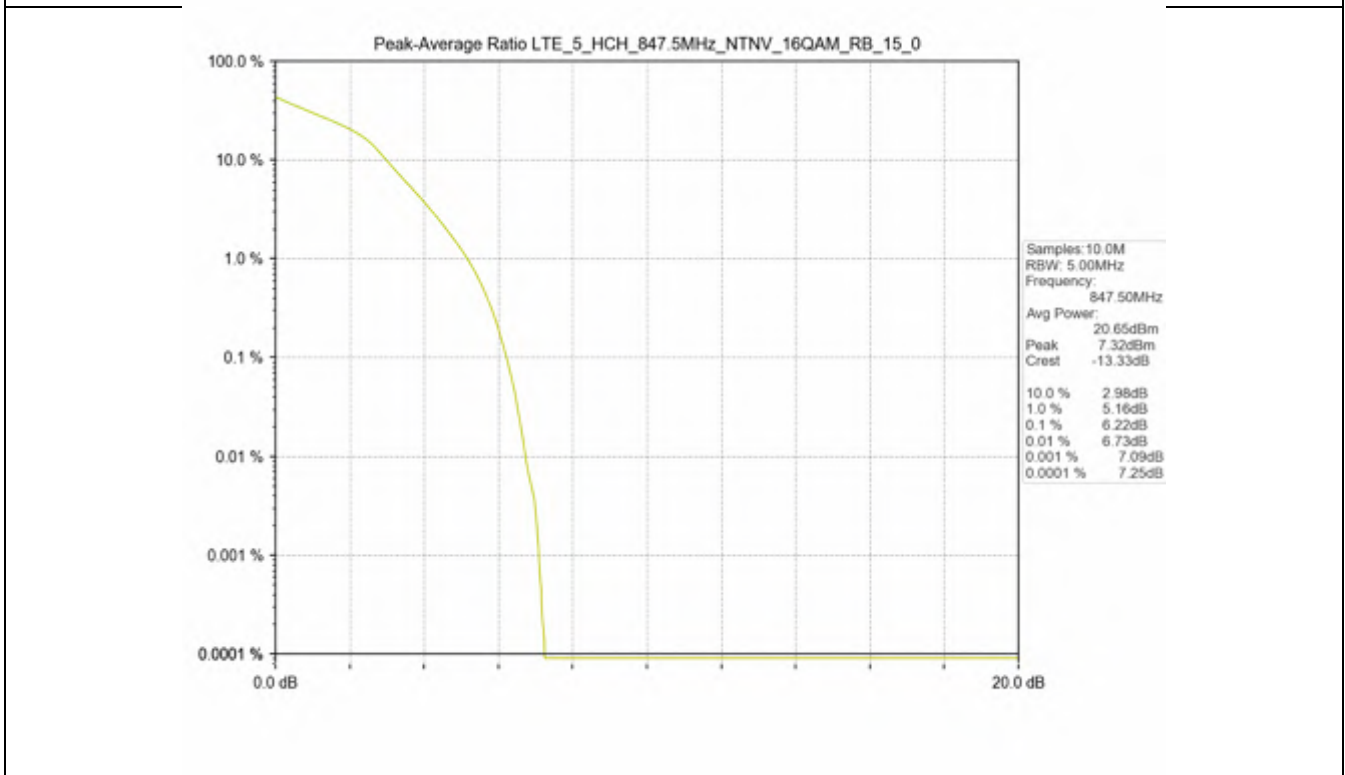
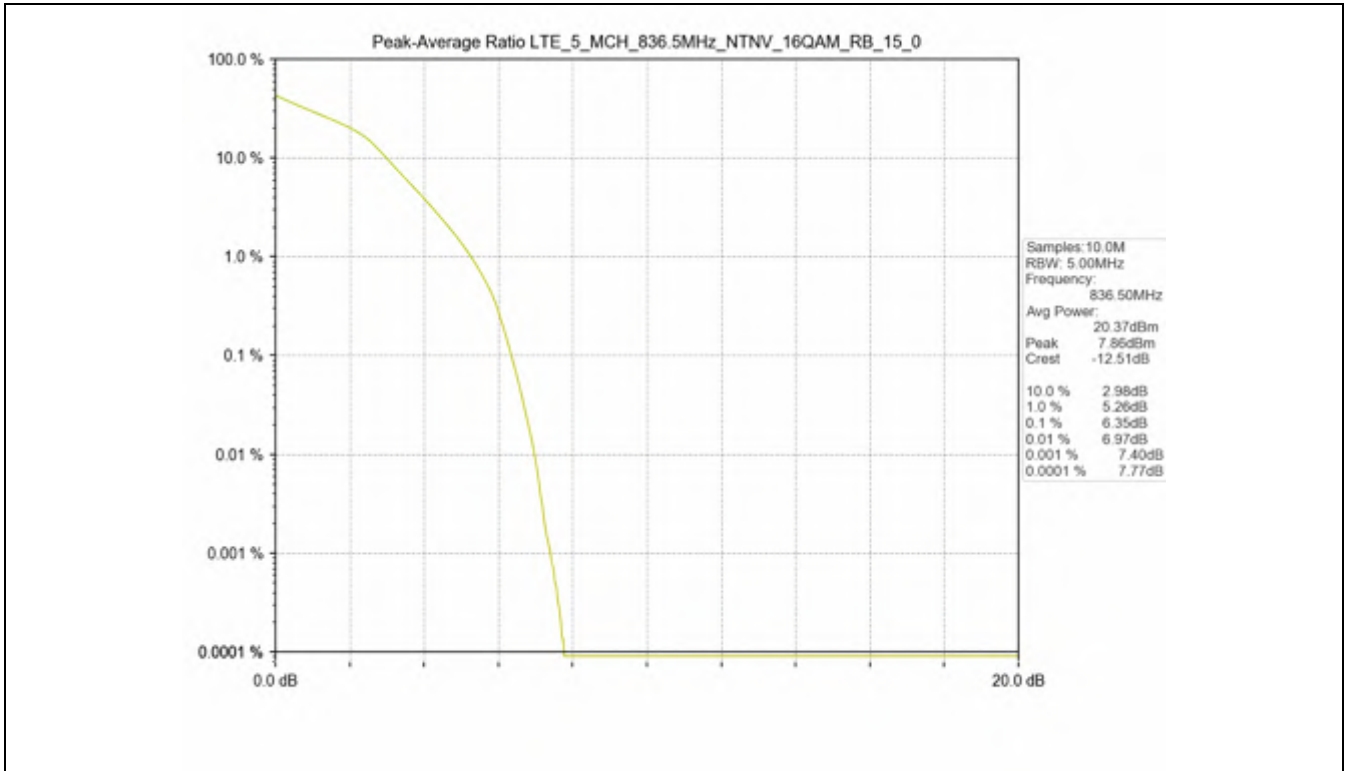




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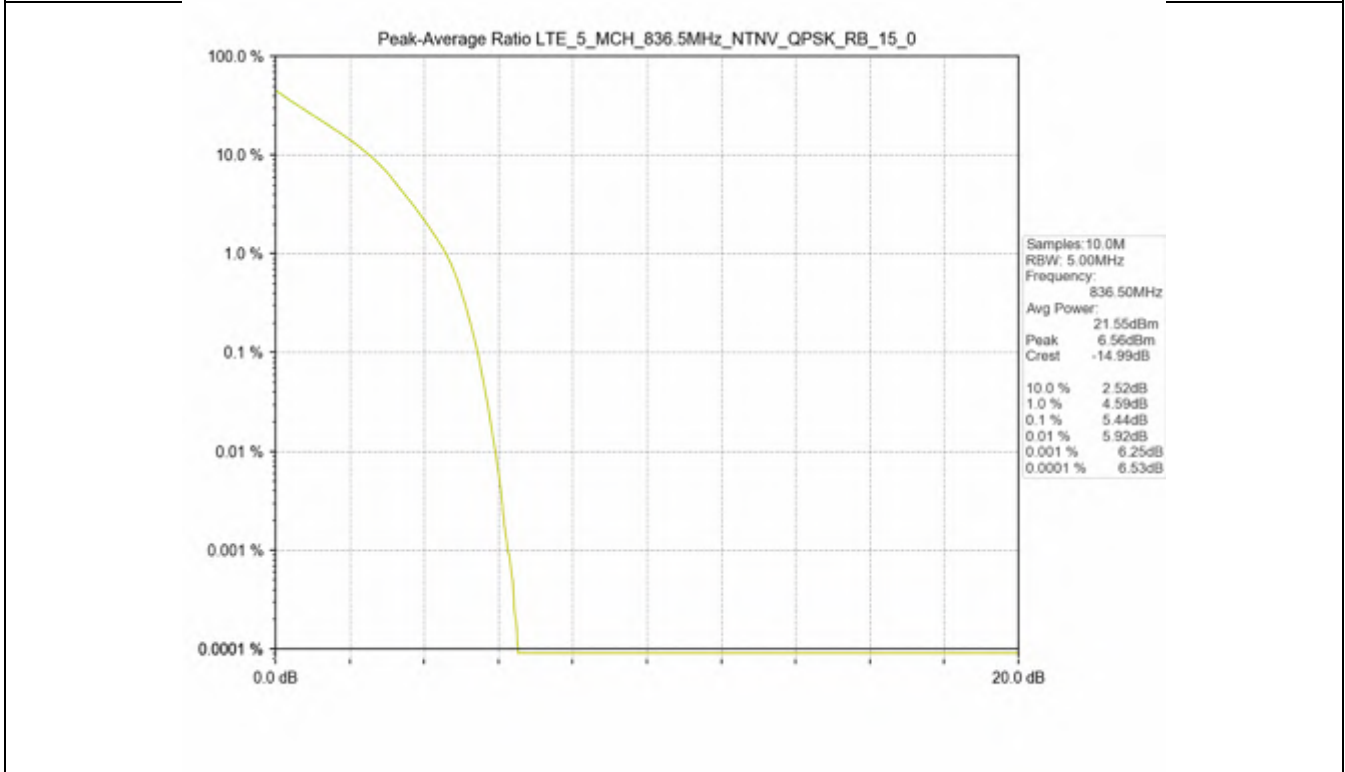
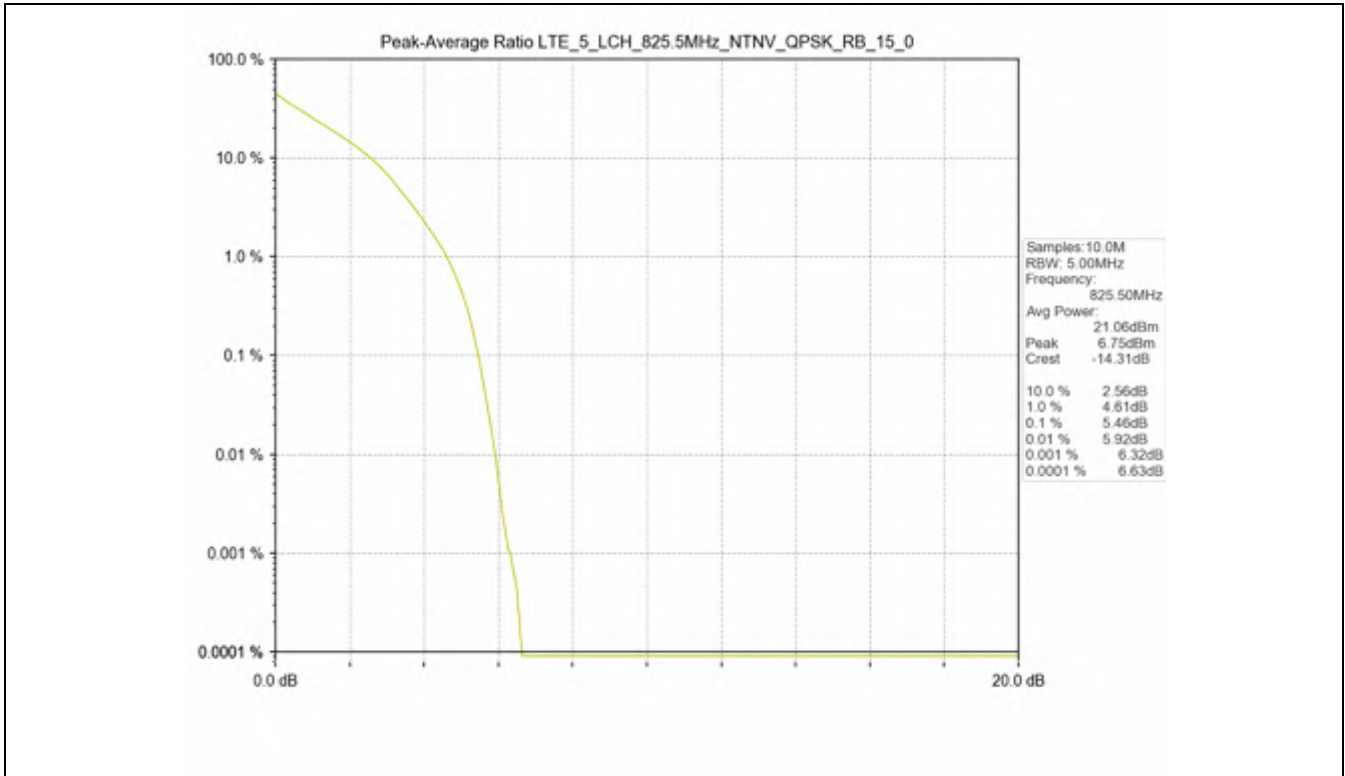
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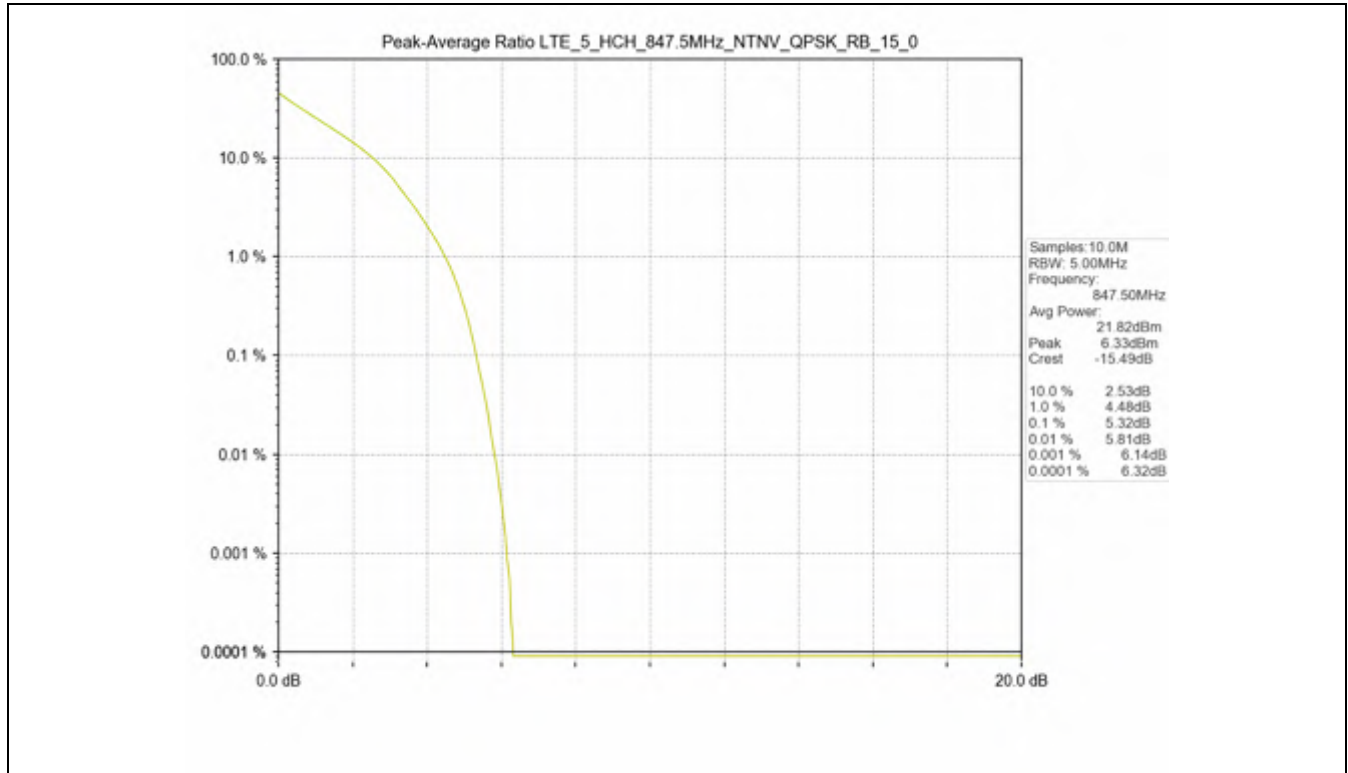
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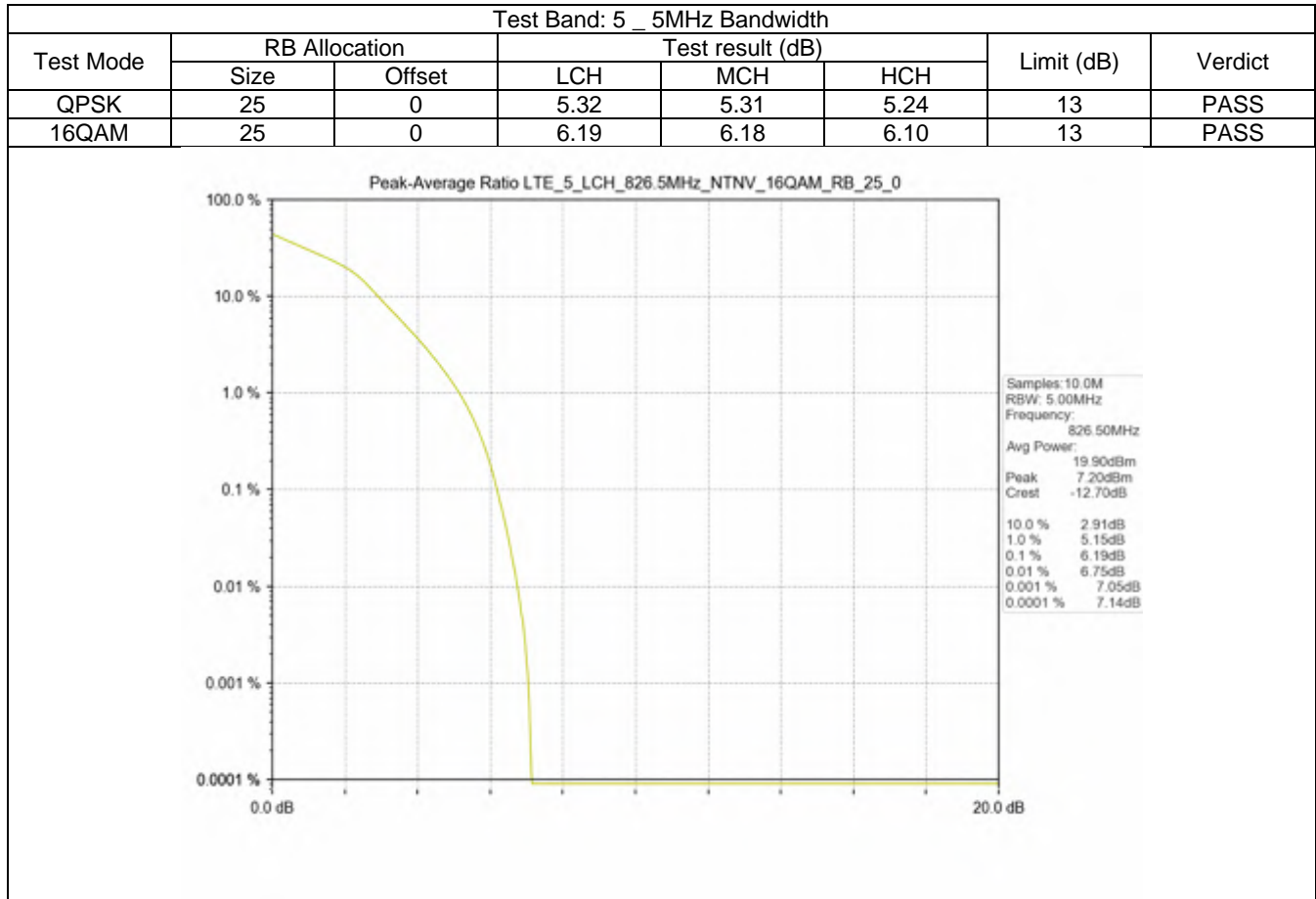
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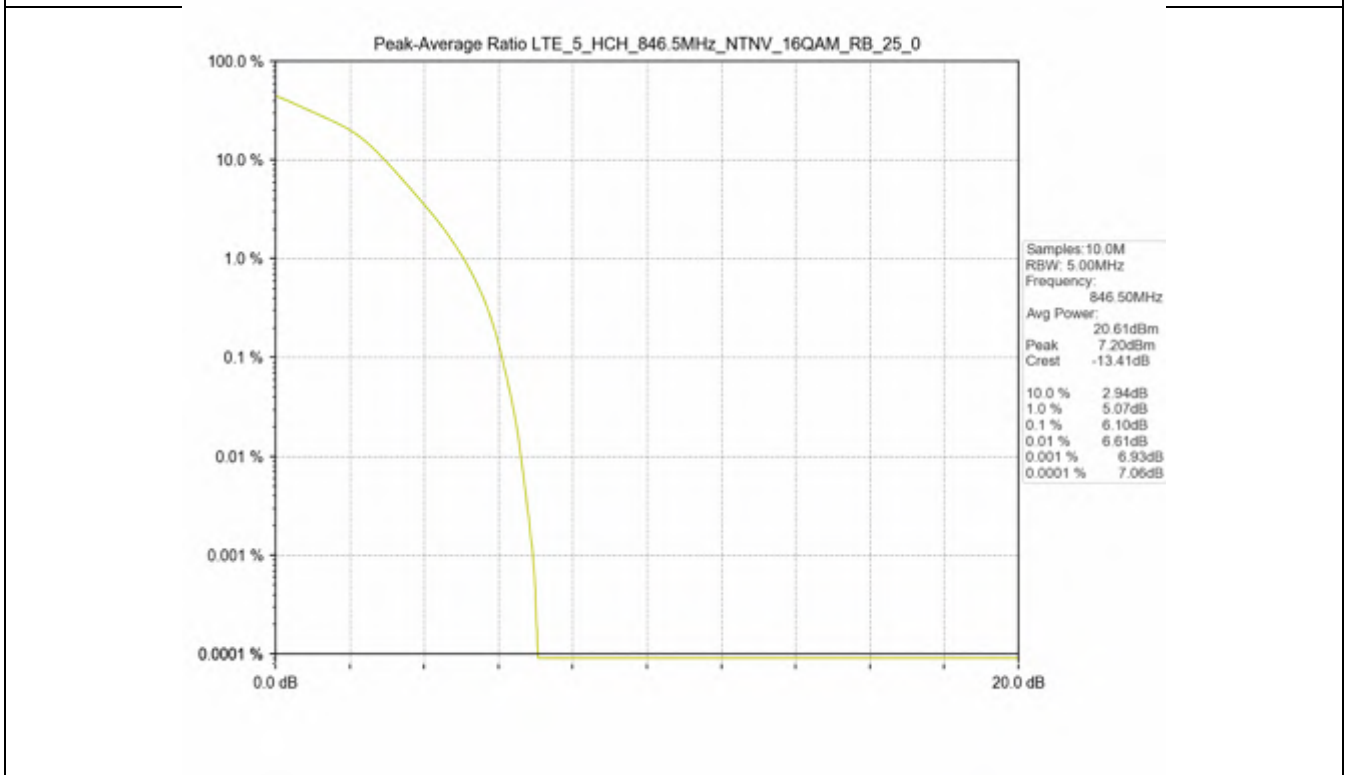
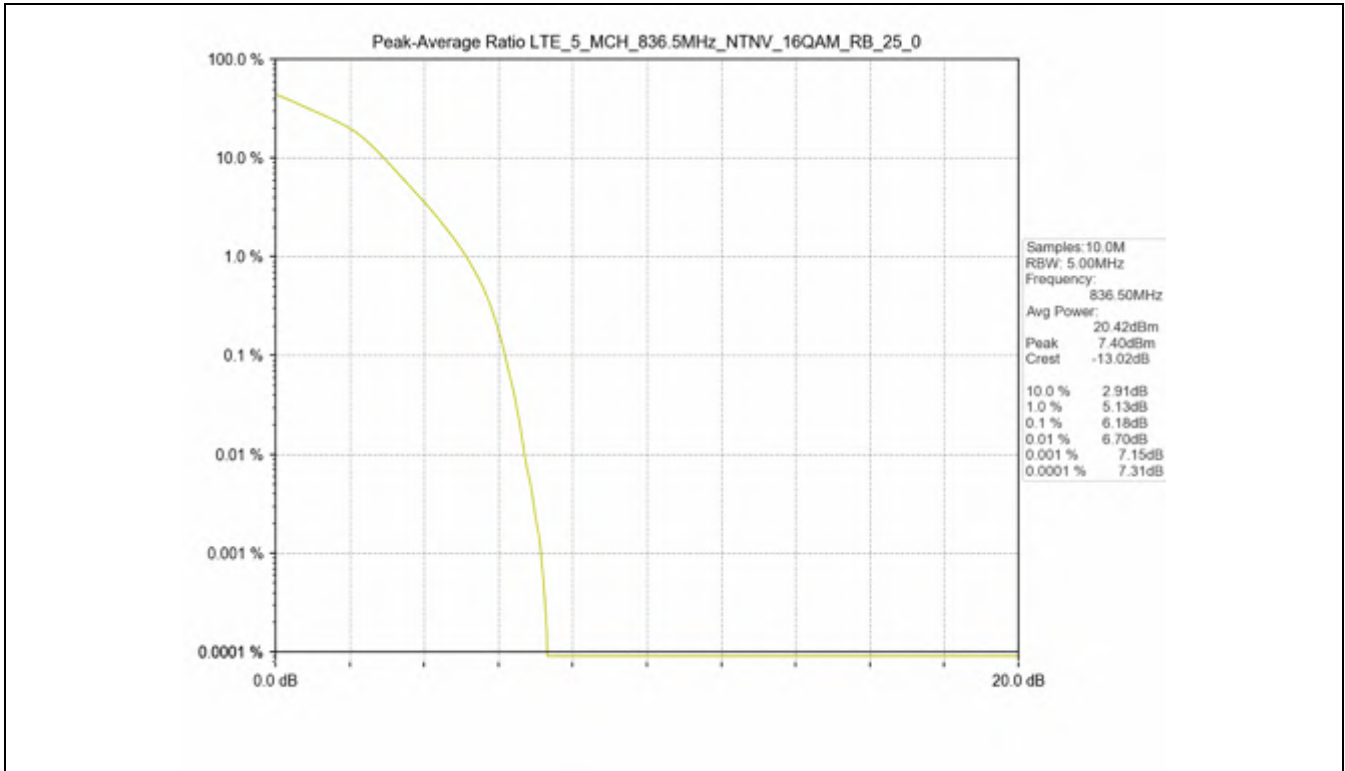
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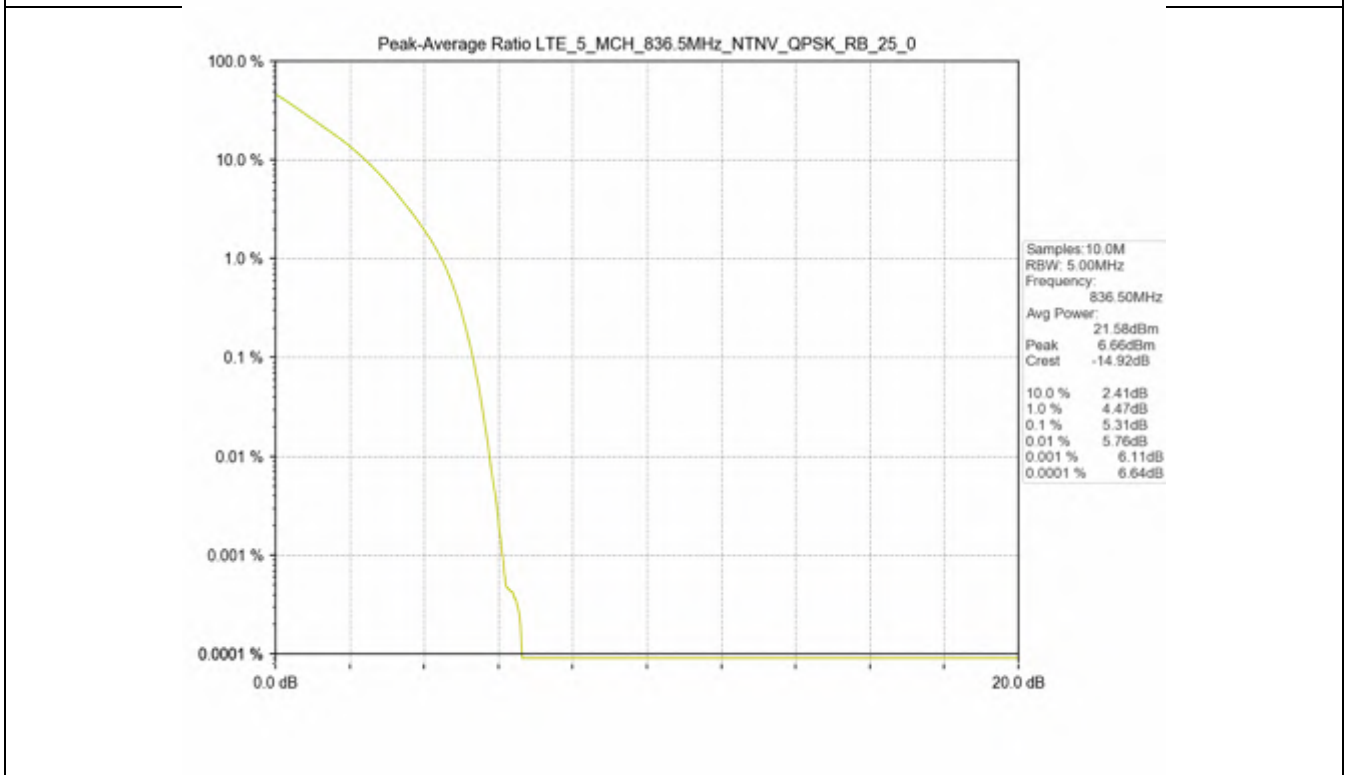
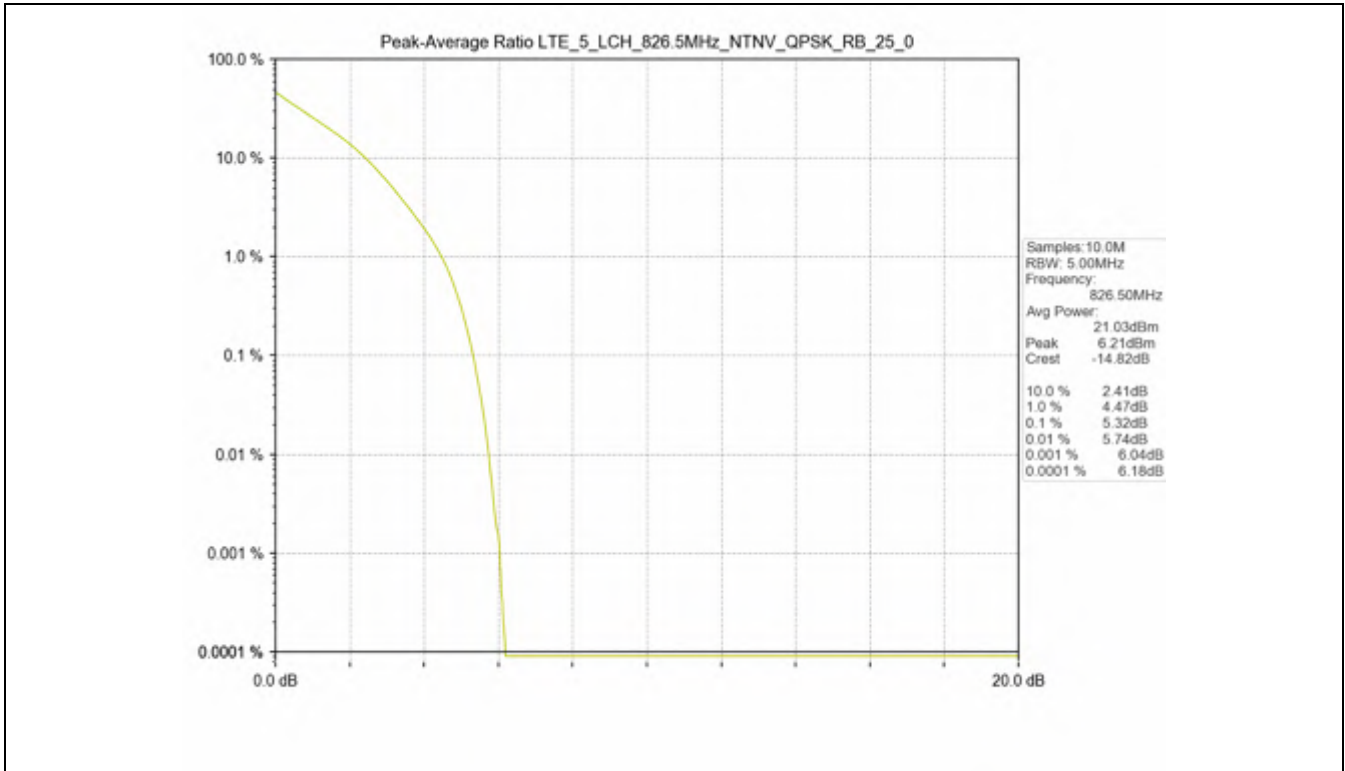
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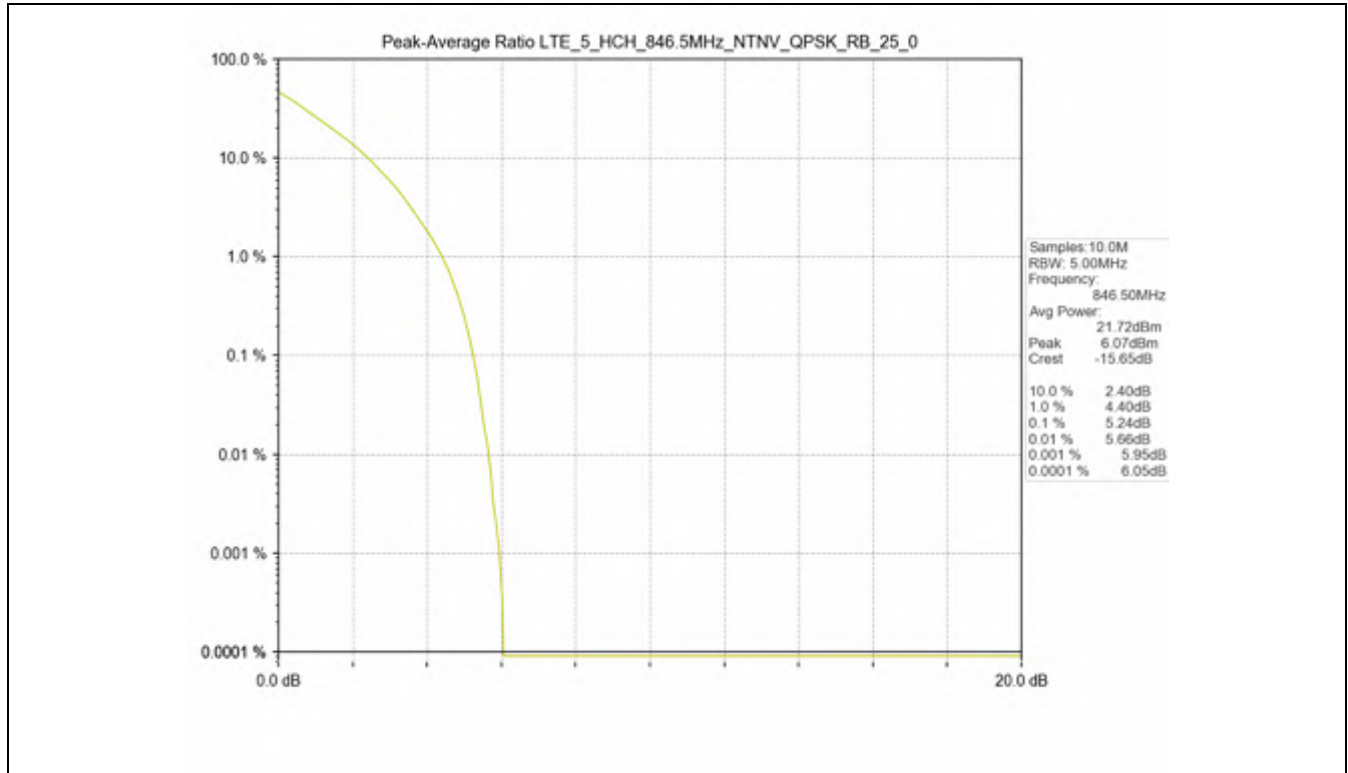
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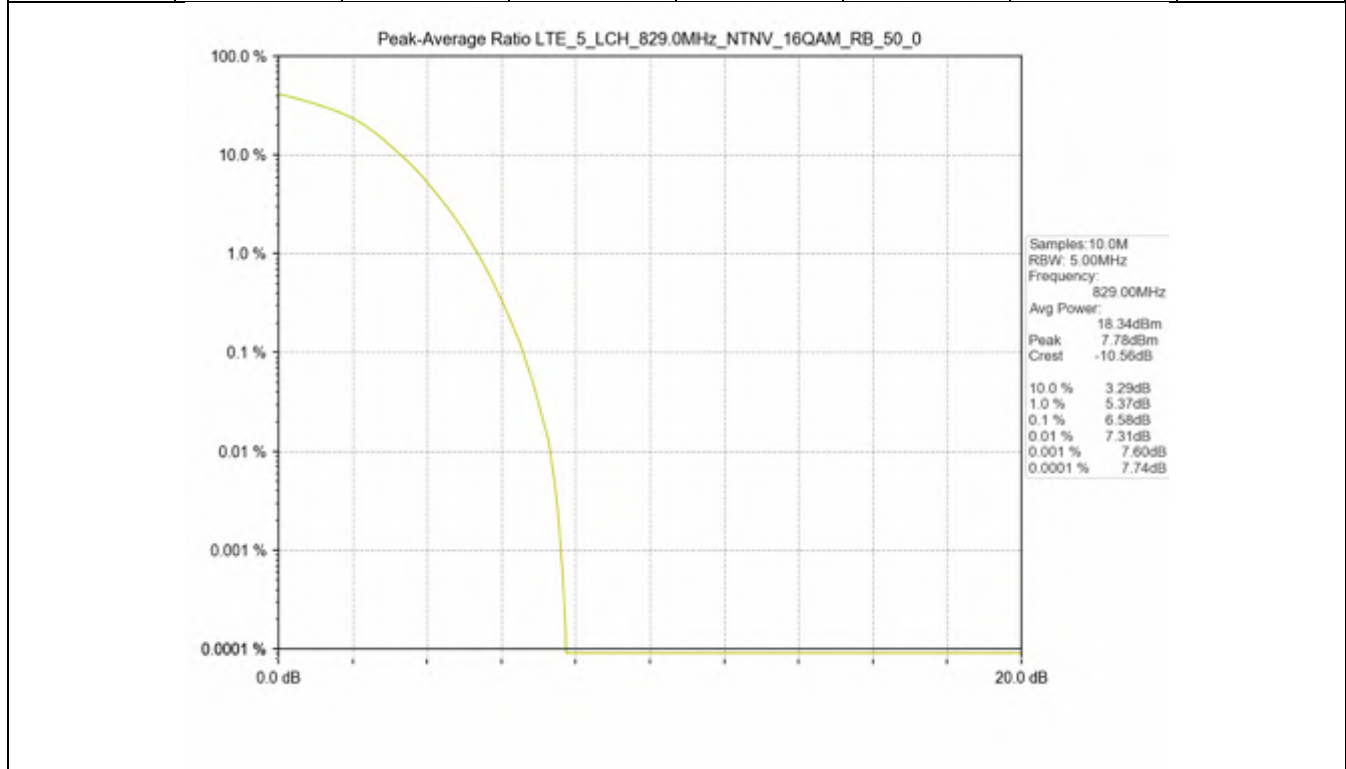
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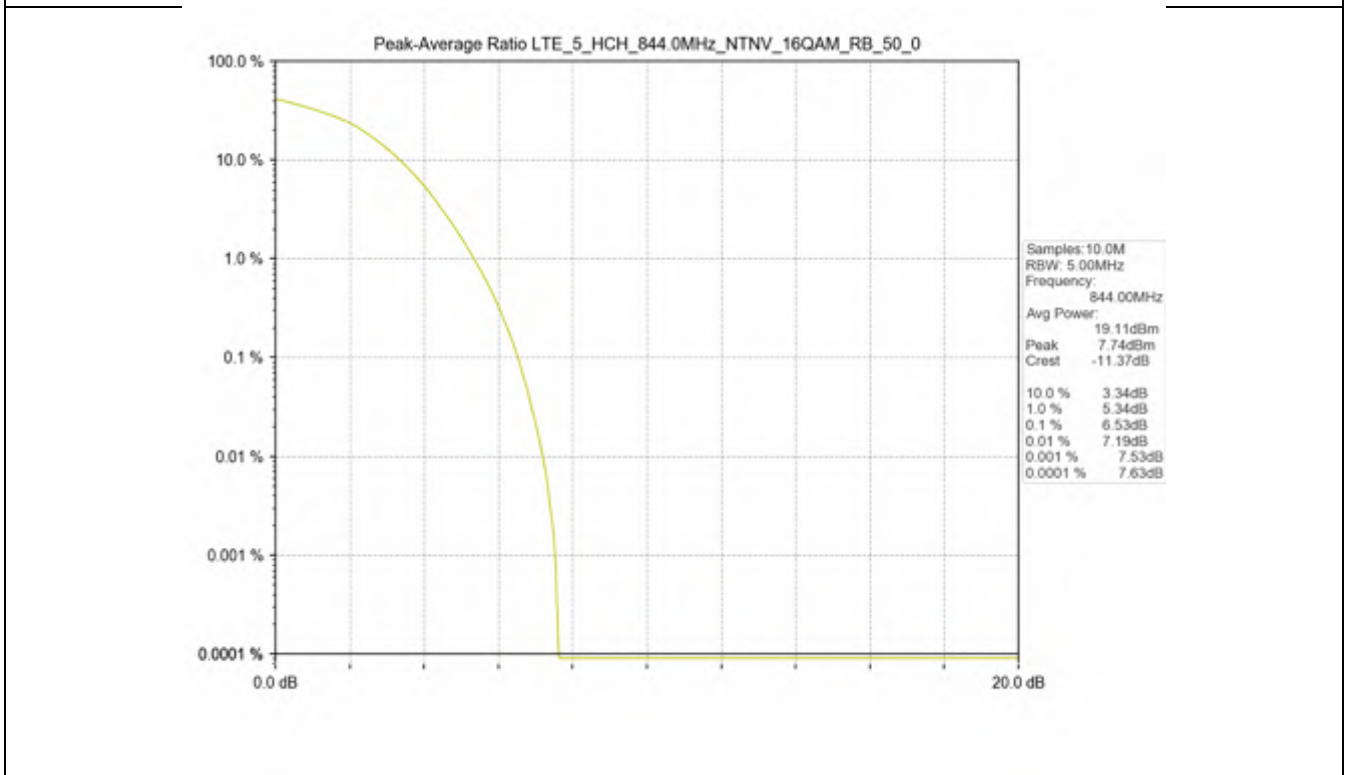
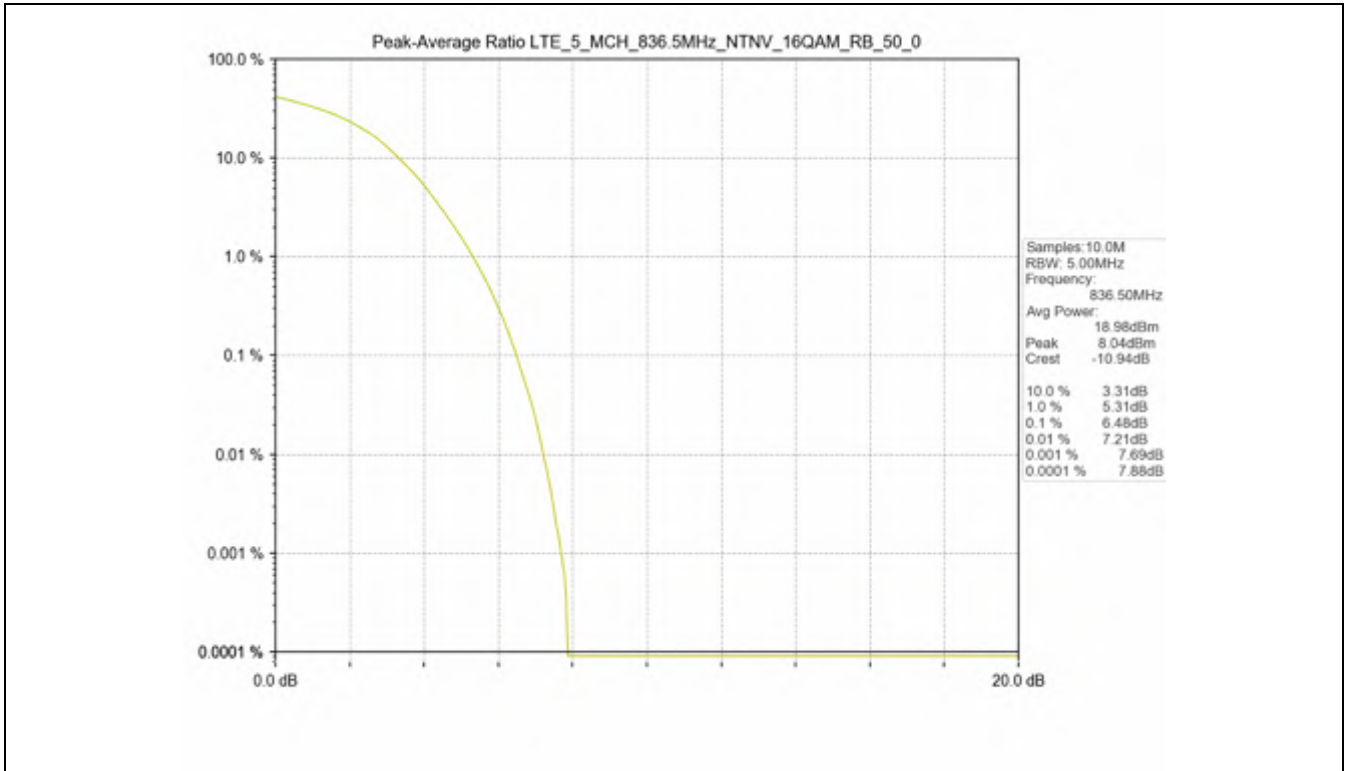


Test Band: 5 _ 10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	5.33	5.36	5.35	13	PASS
16QAM	50	0	6.58	6.48	6.53	13	PASS



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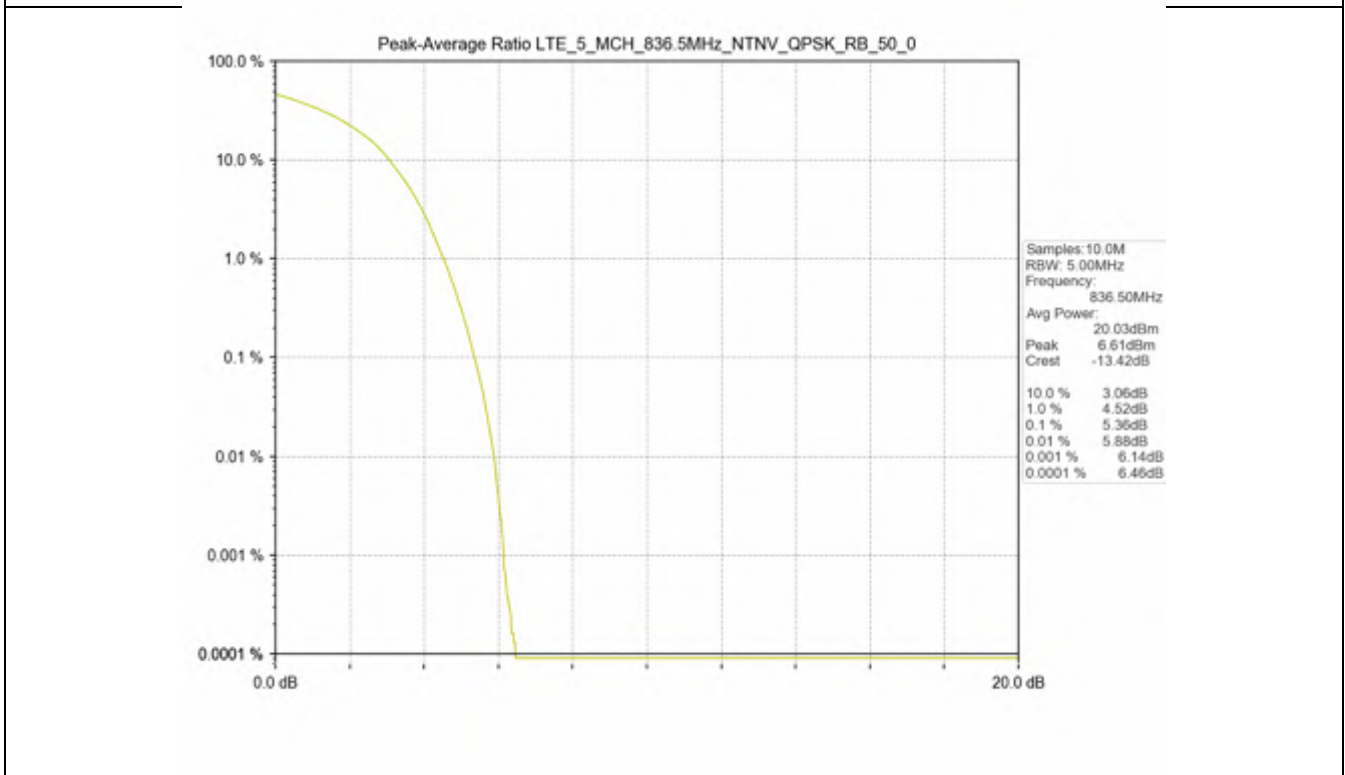
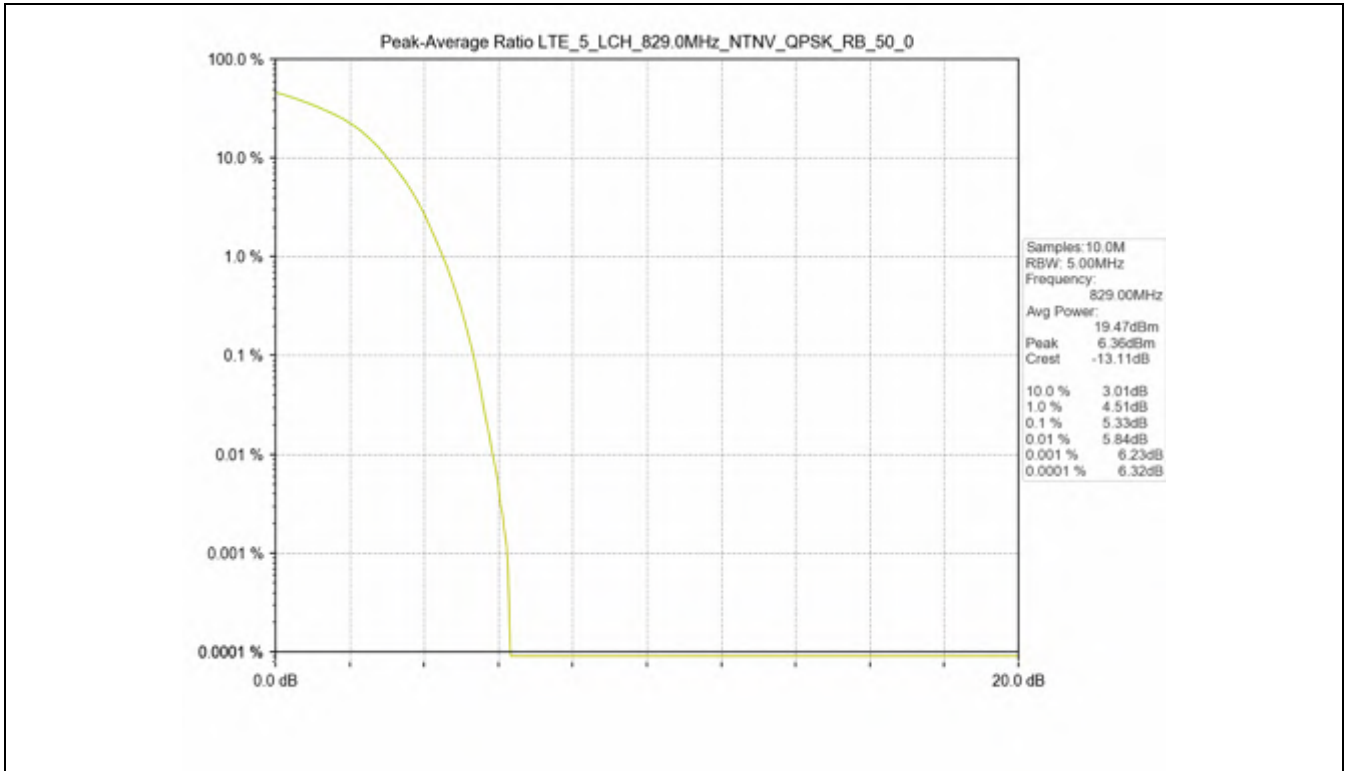
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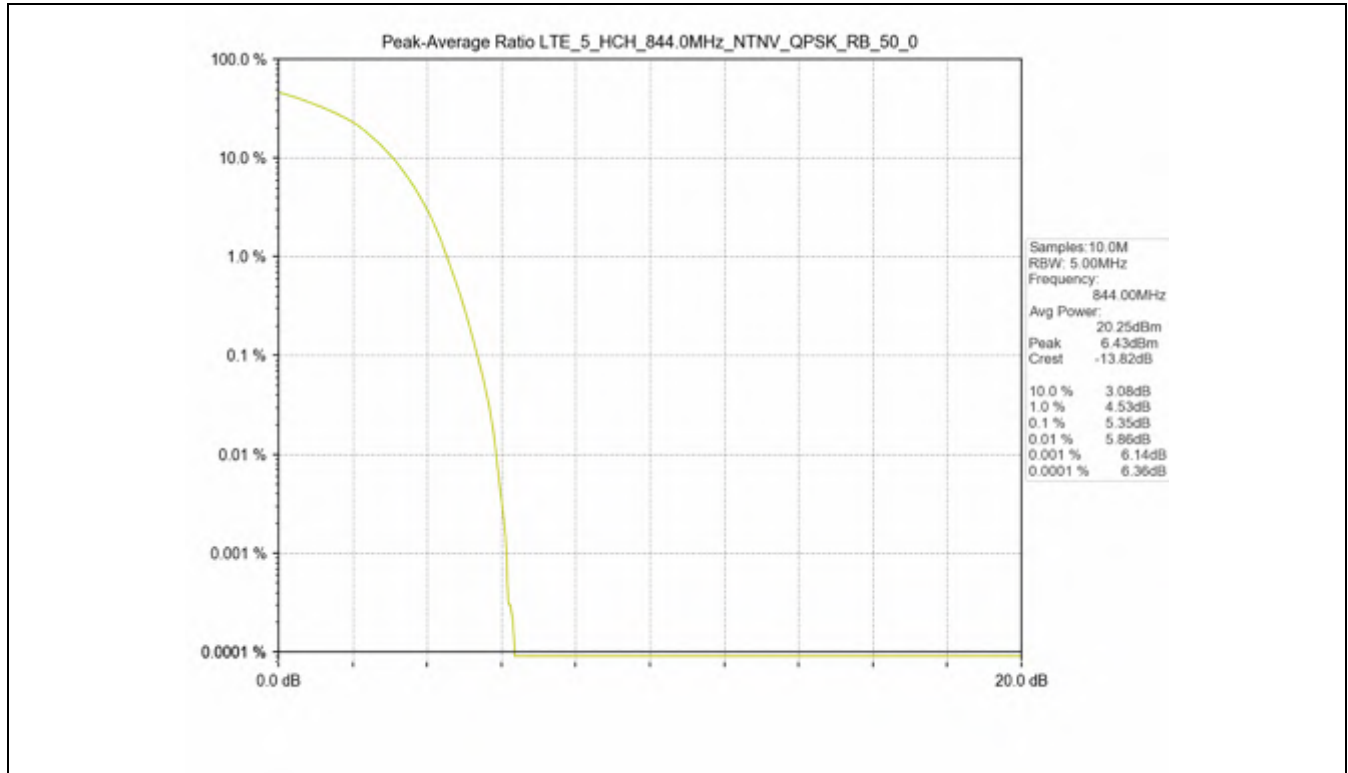
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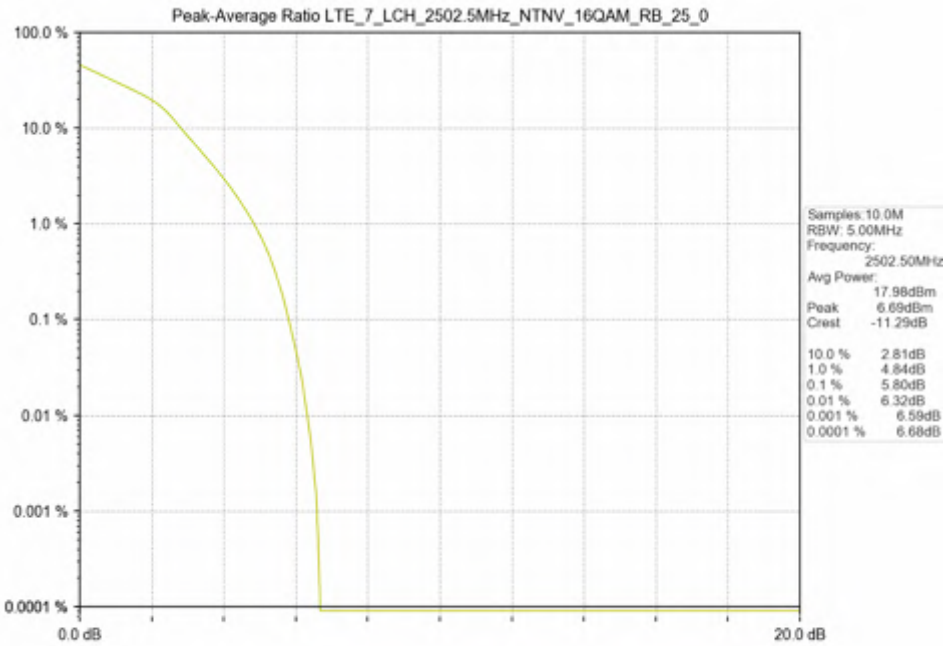
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LTE Band 7

Test Band: 7_5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.00	5.10	4.97	13	PASS
16QAM	25	0	5.80	5.92	5.78	13	PASS

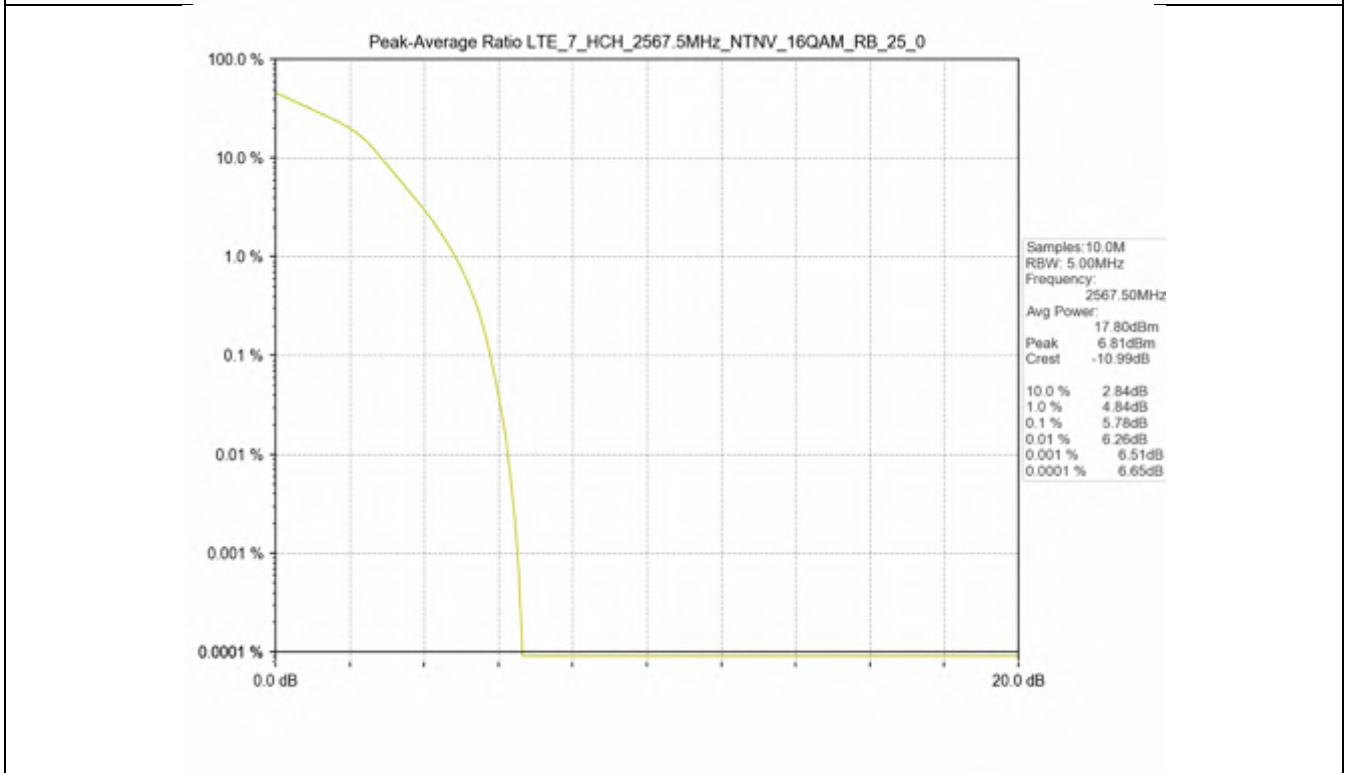
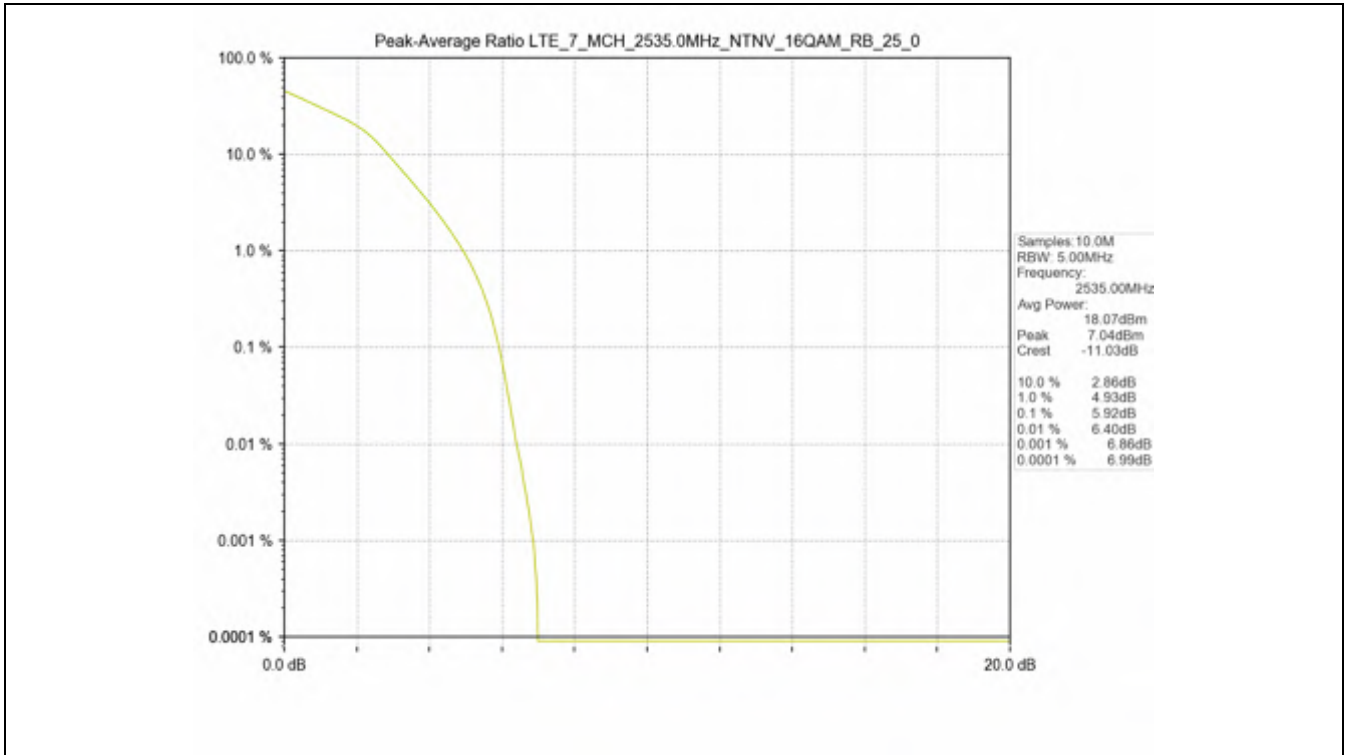


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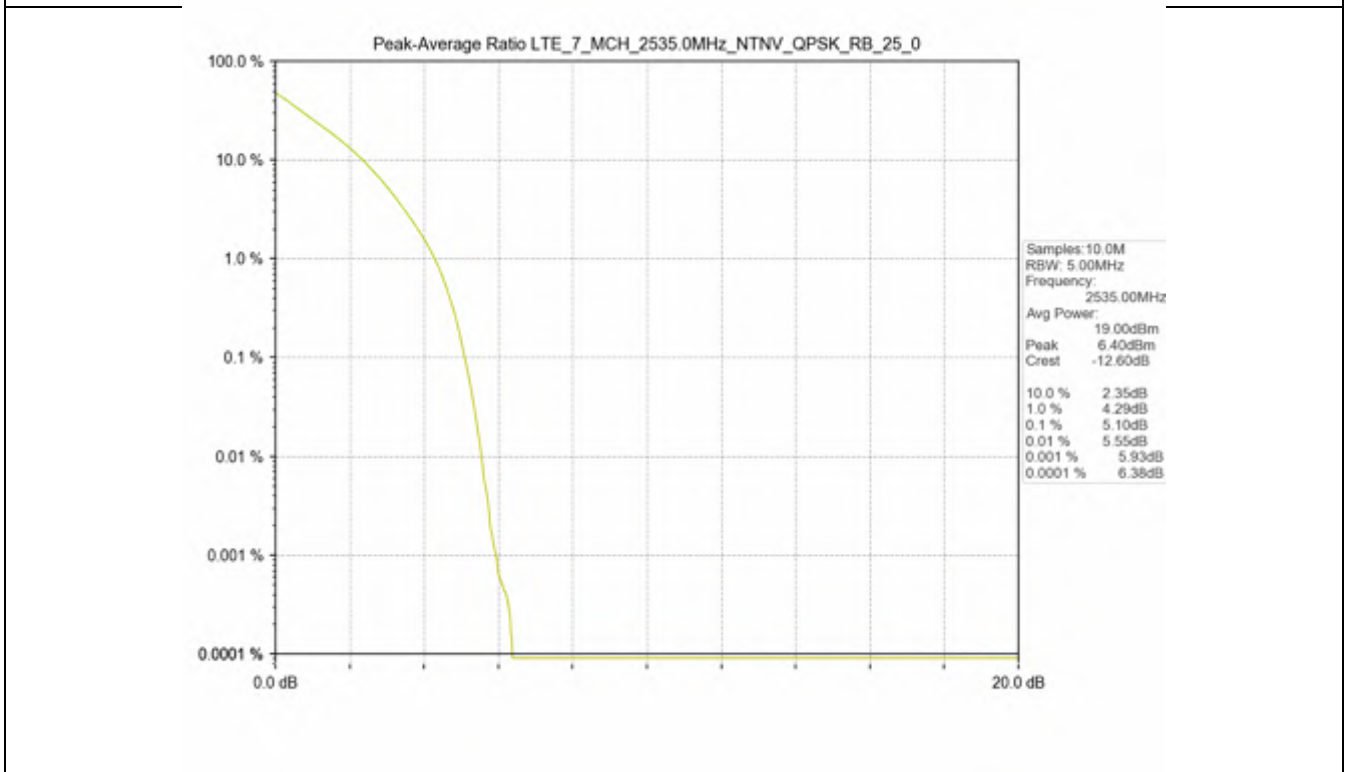
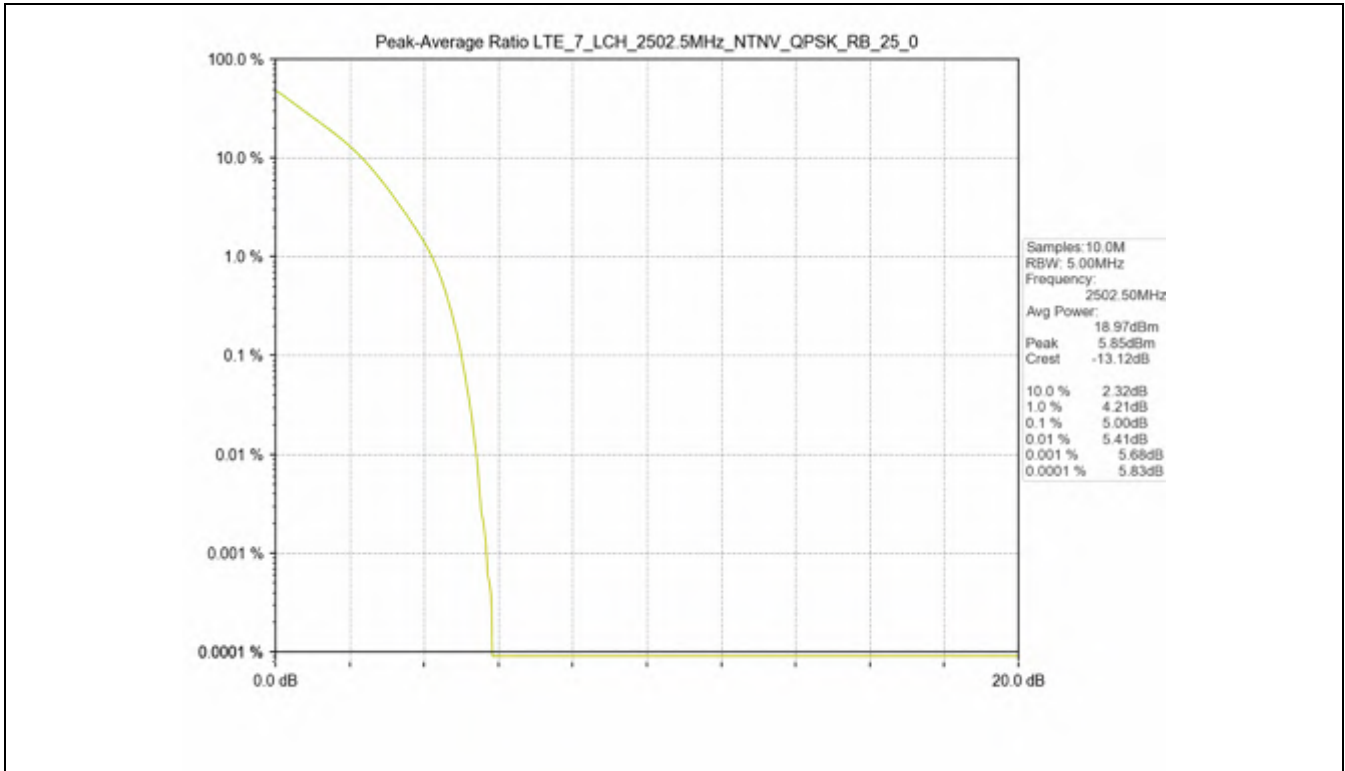
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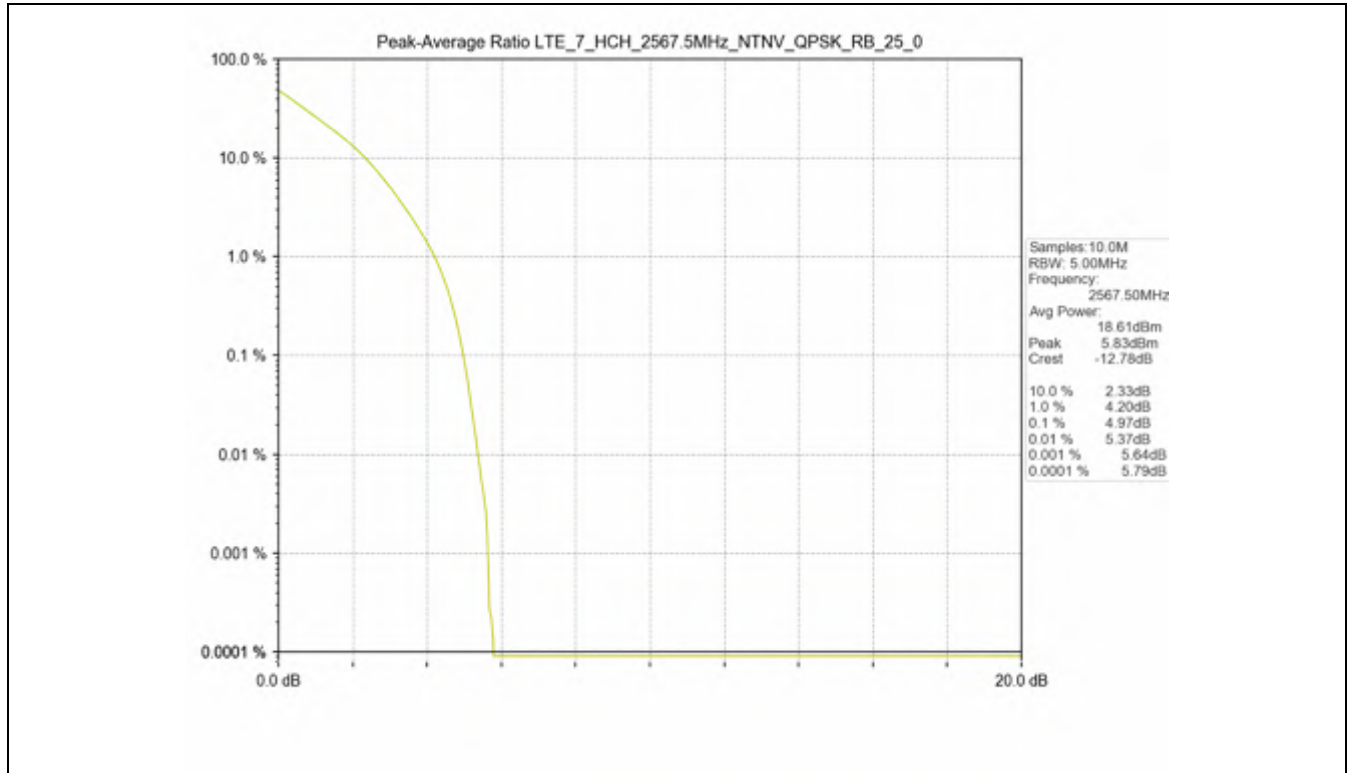
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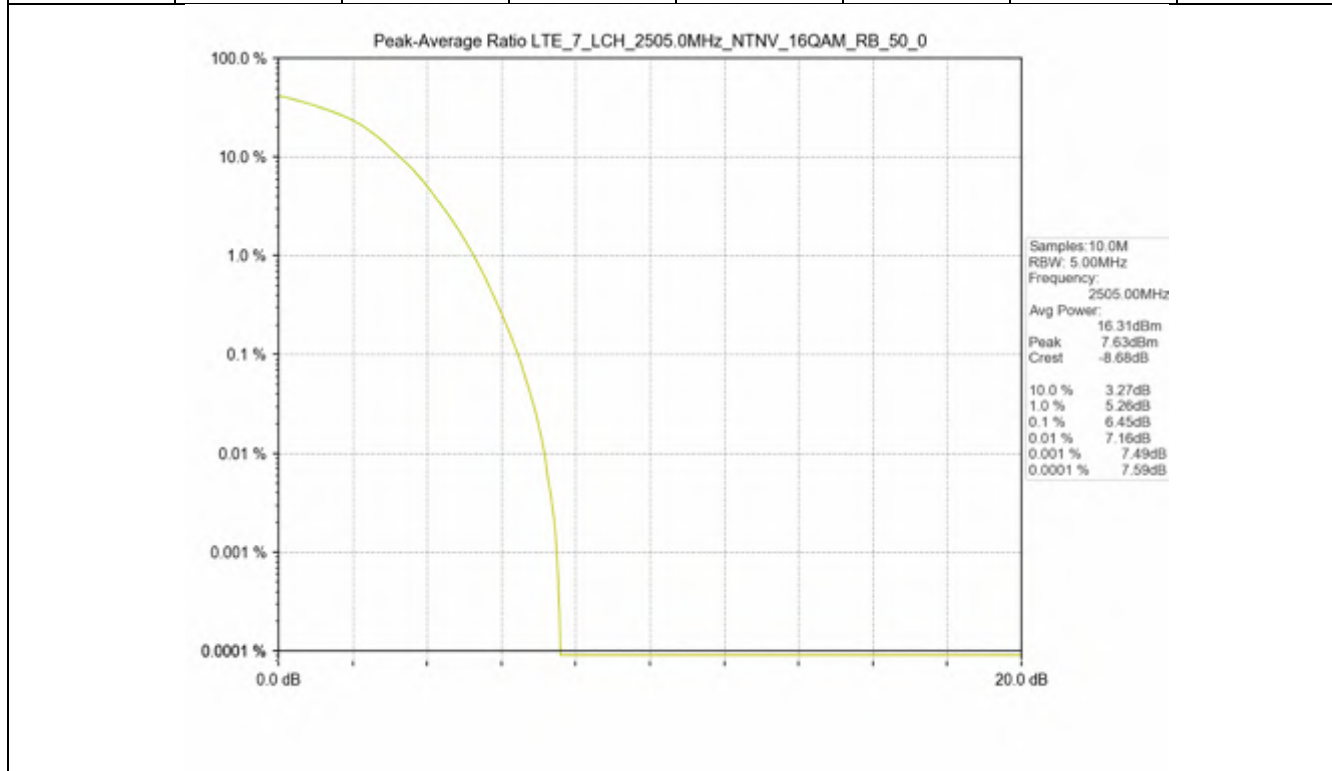
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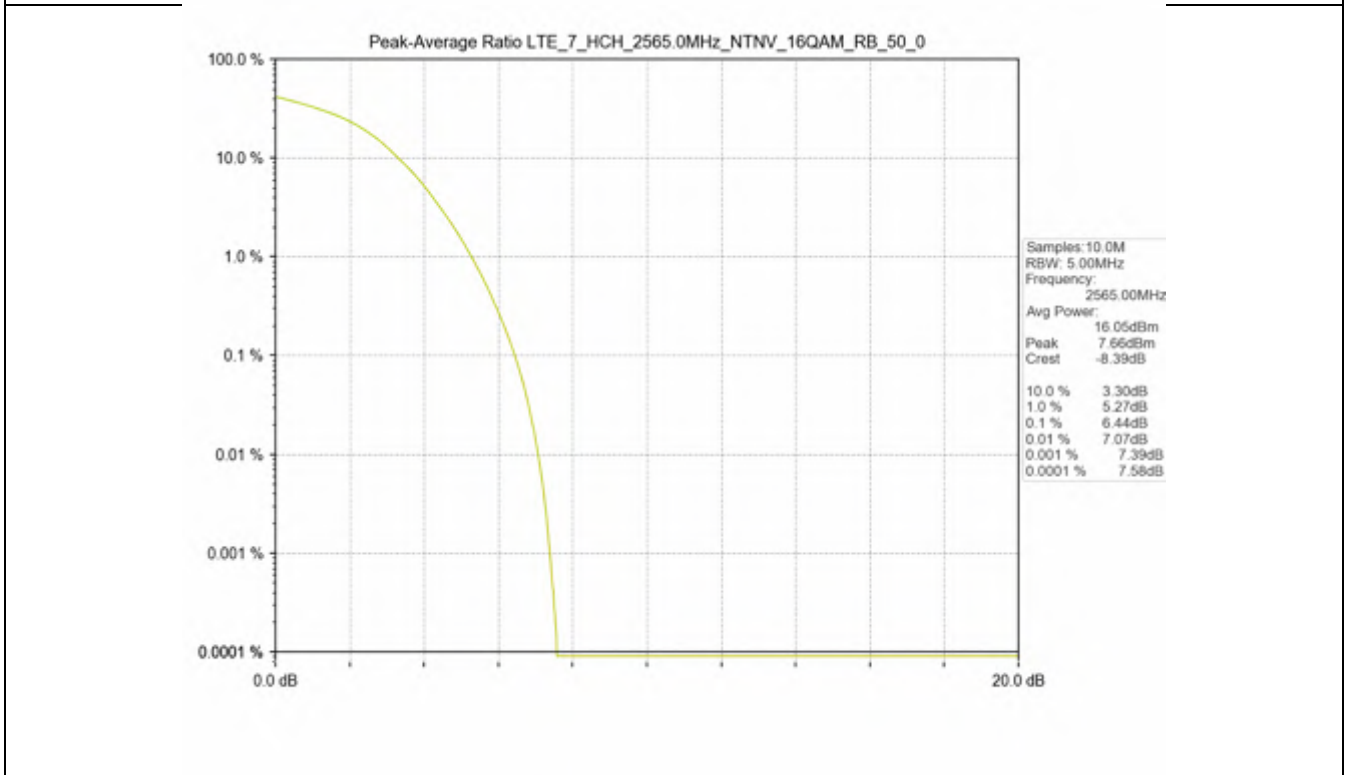
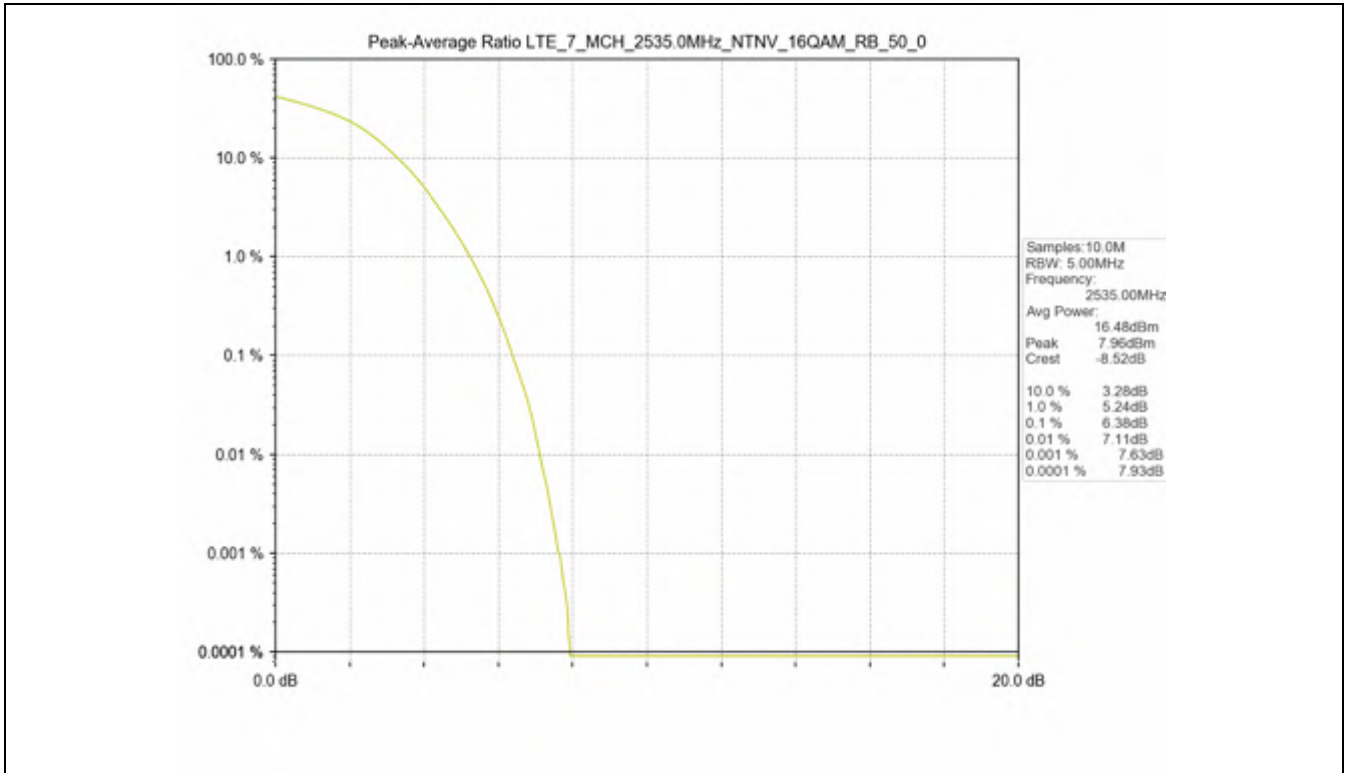
Test Band: 7 _ 10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	5.30	5.37	5.33	13	PASS
16QAM	50	0	6.45	6.38	6.44	13	PASS



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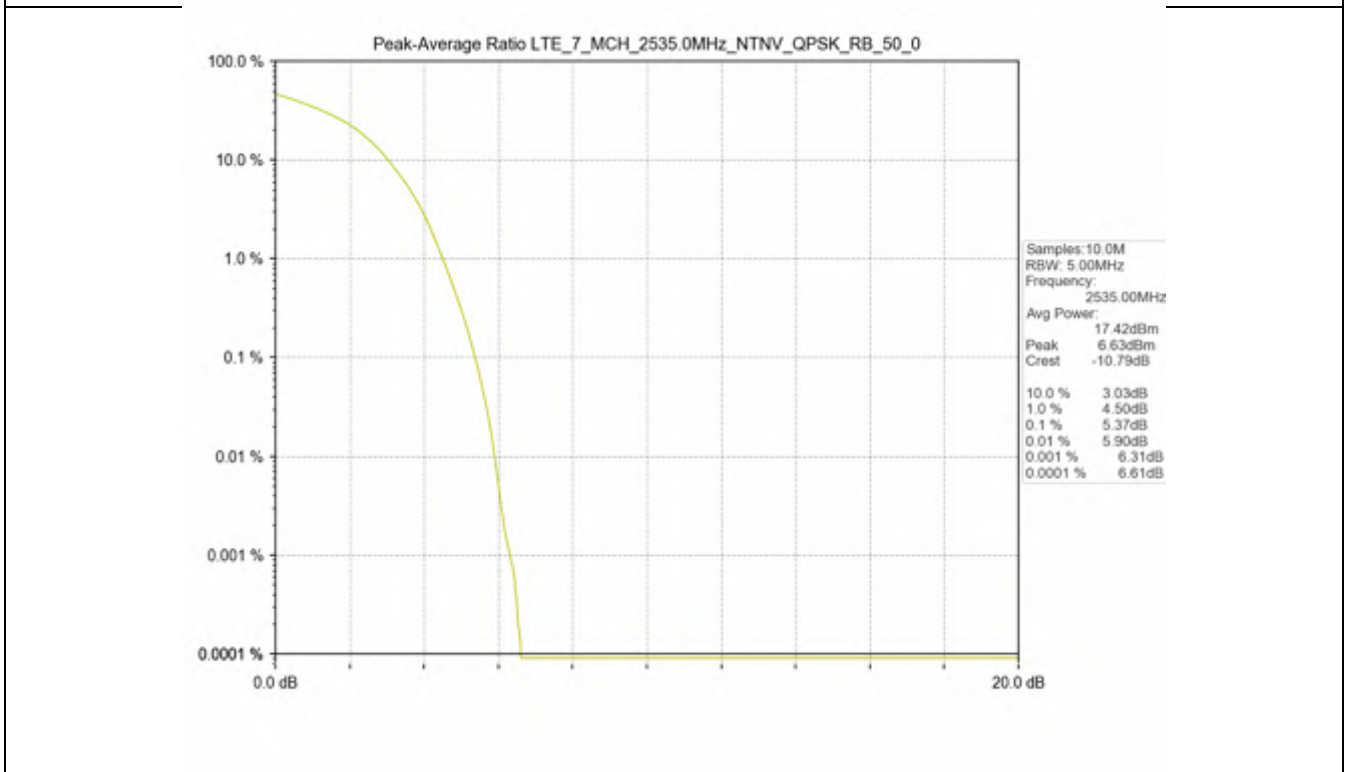
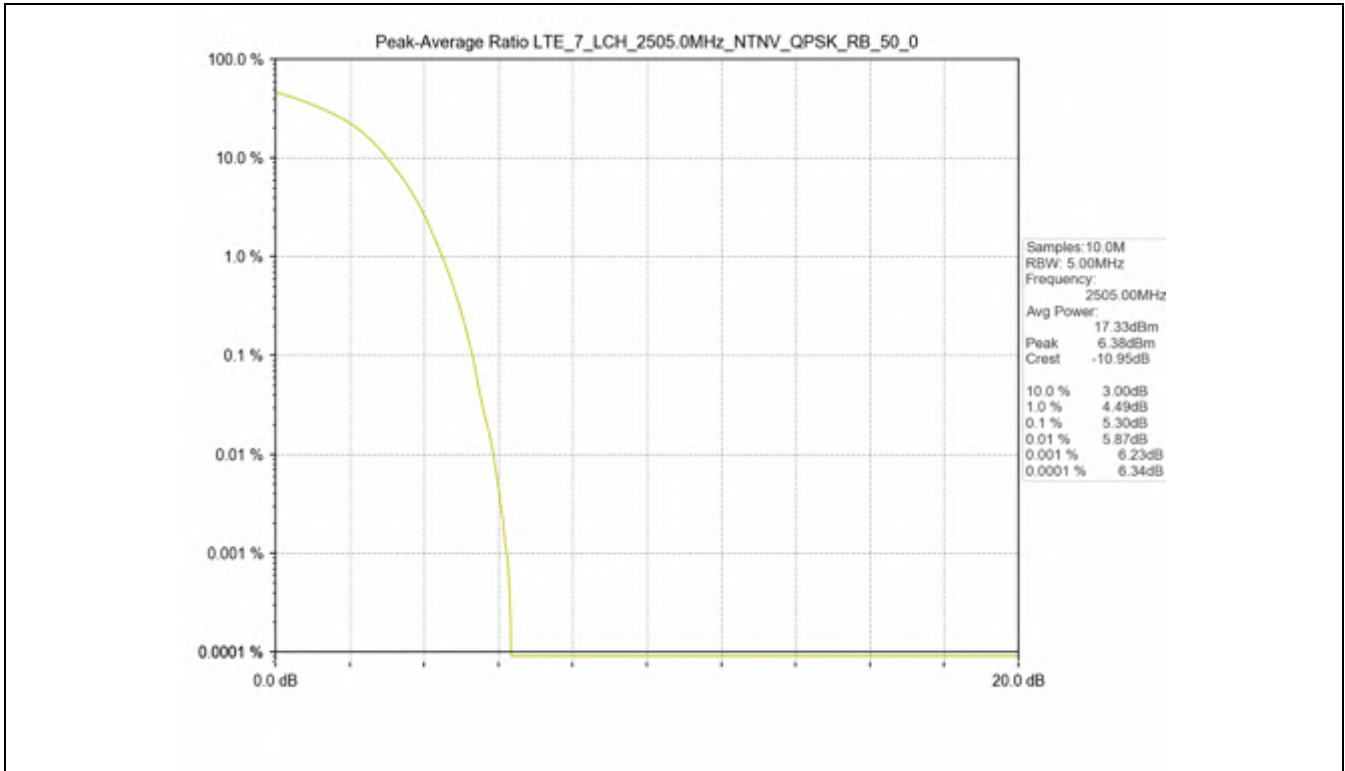
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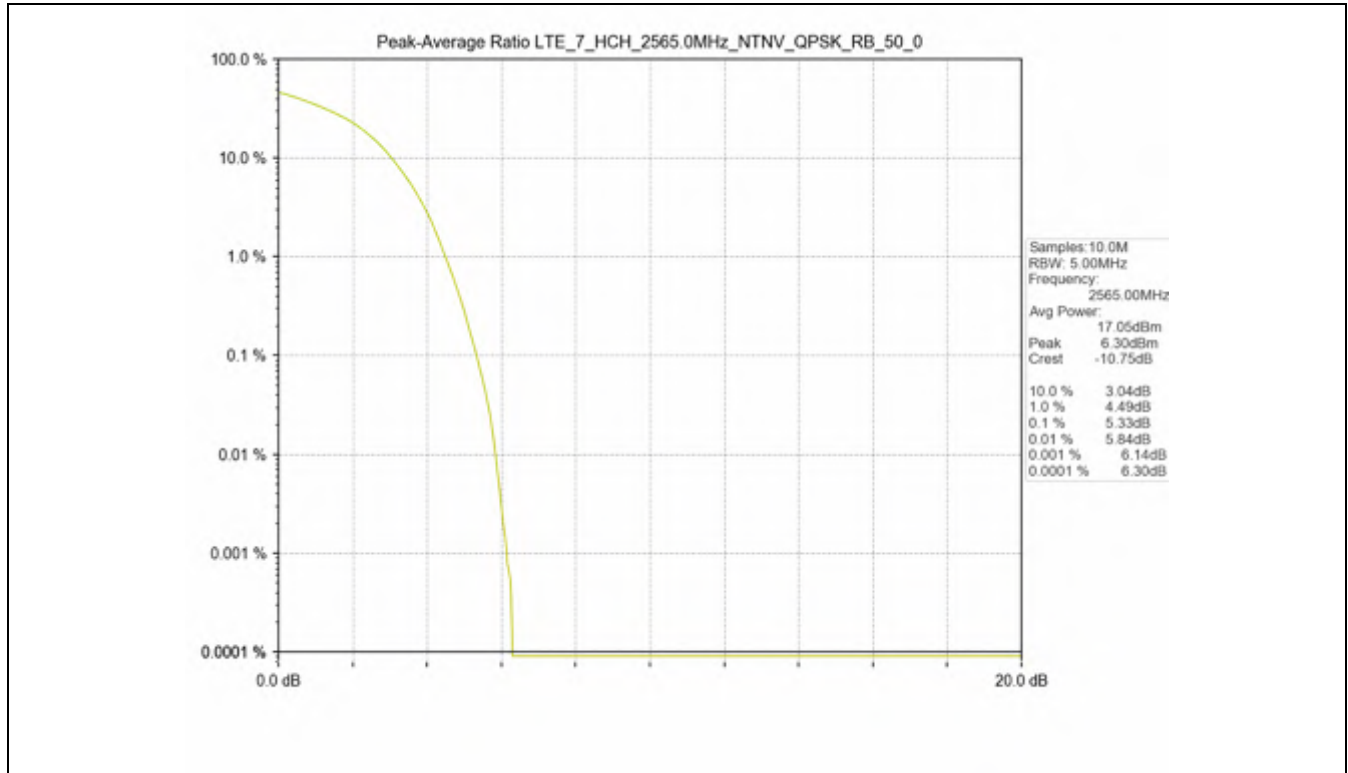
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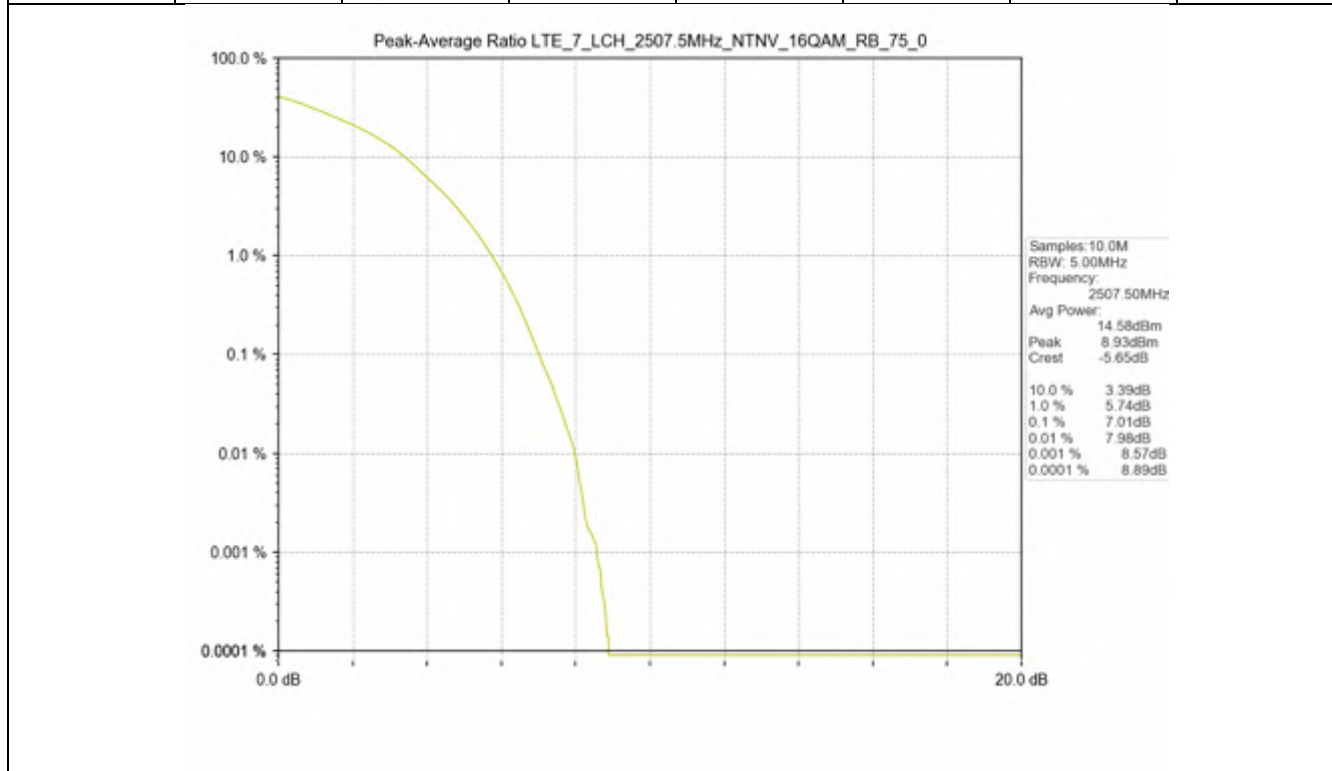
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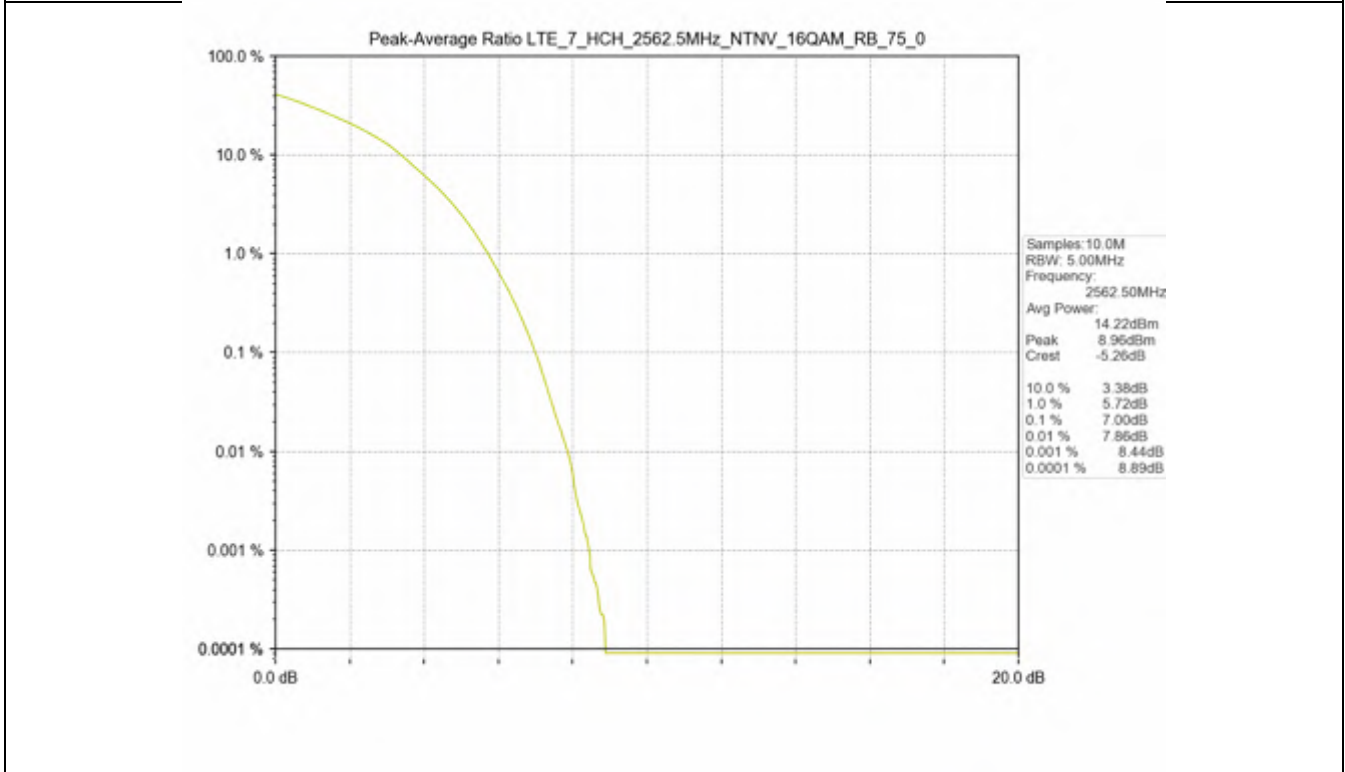
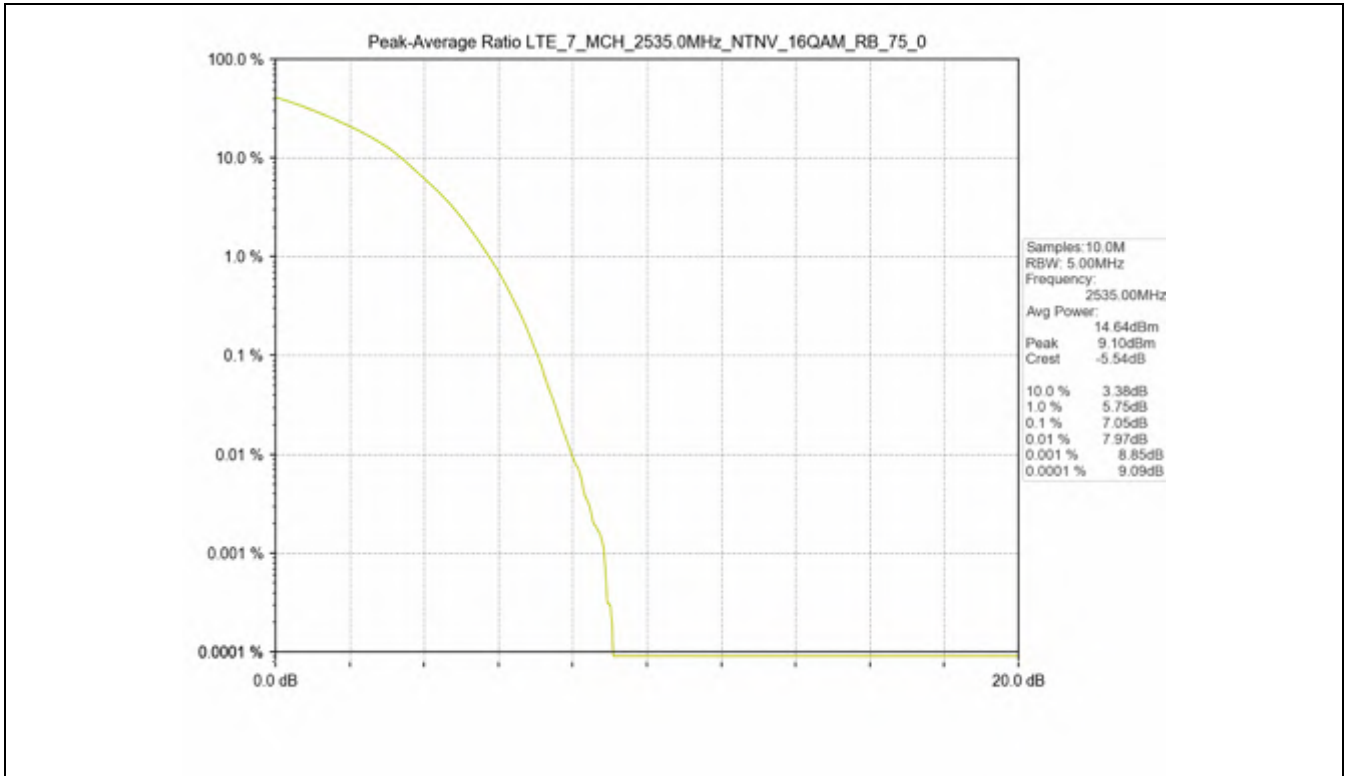
Test Band: 7 _ 15MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	6.32	6.32	6.33	13	PASS
16QAM	75	0	7.01	7.05	7.00	13	PASS



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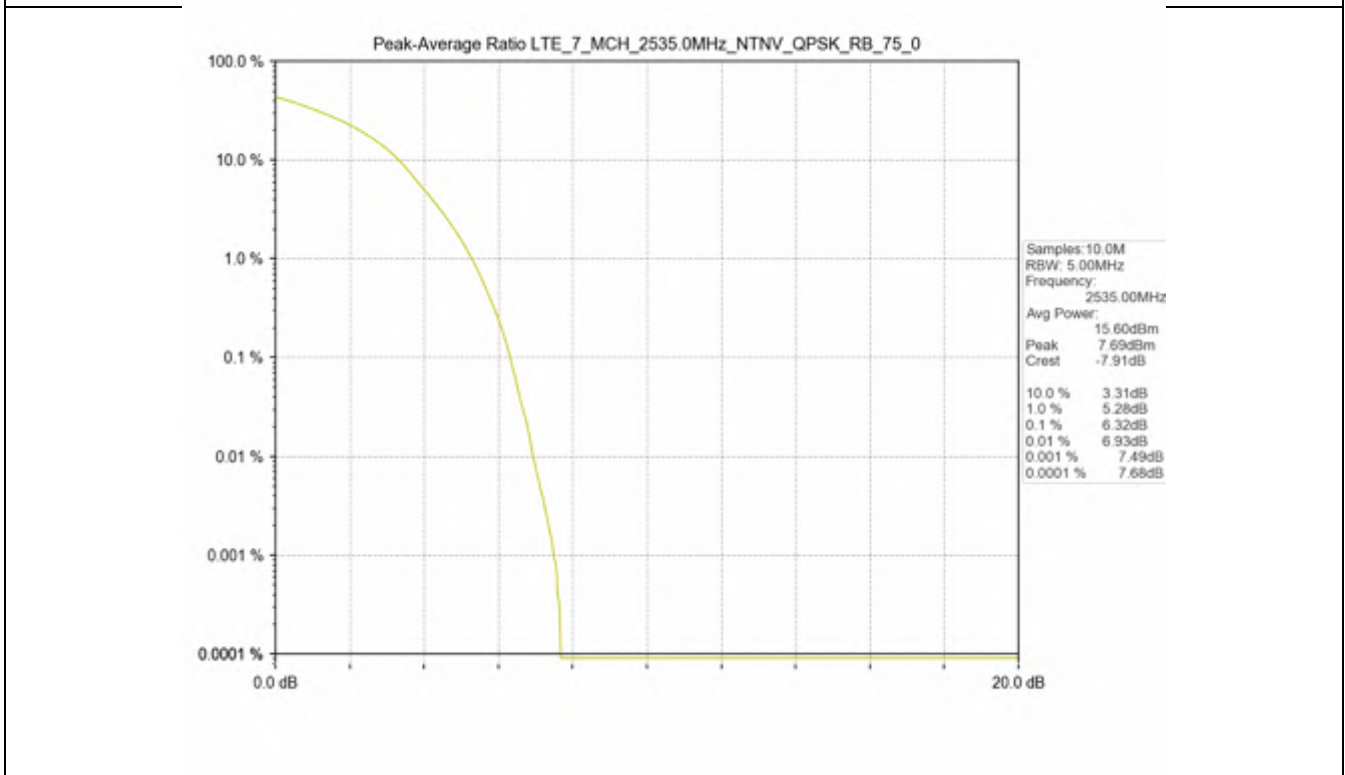
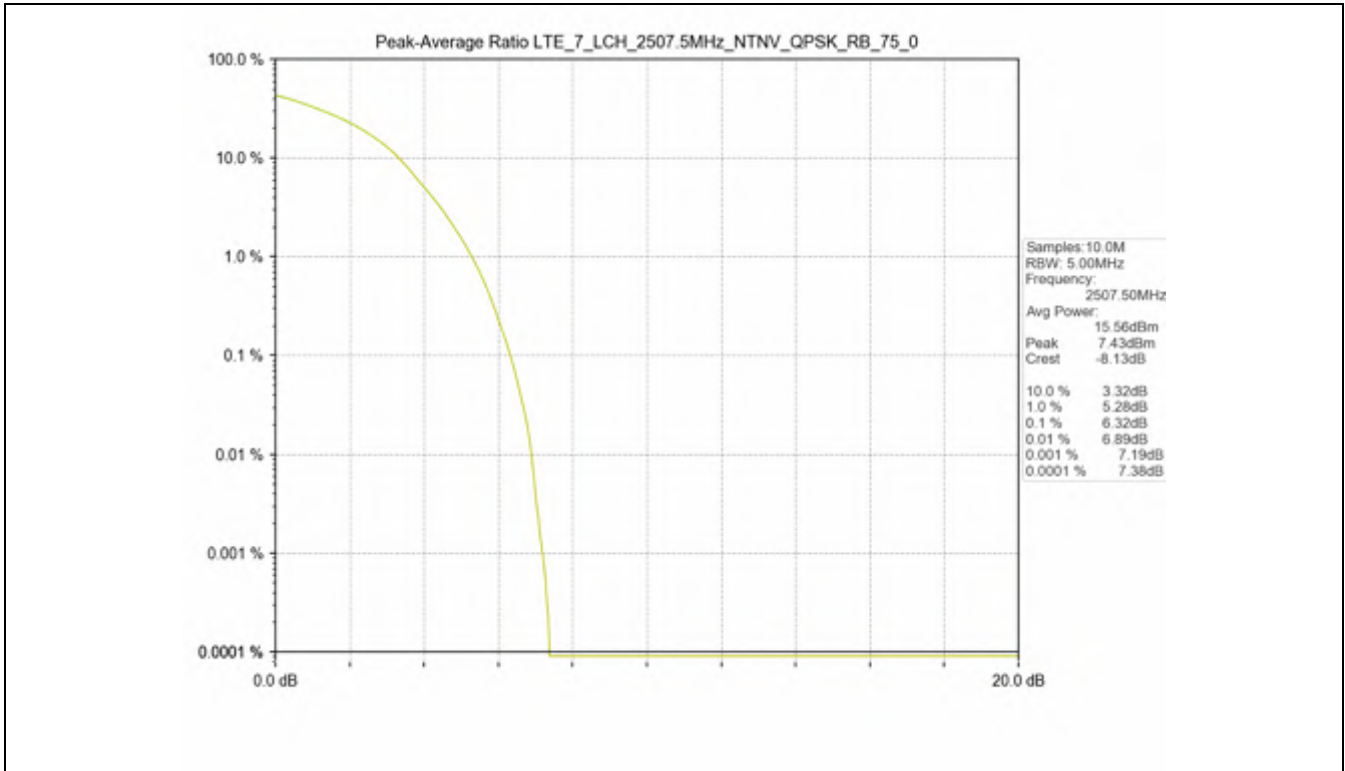
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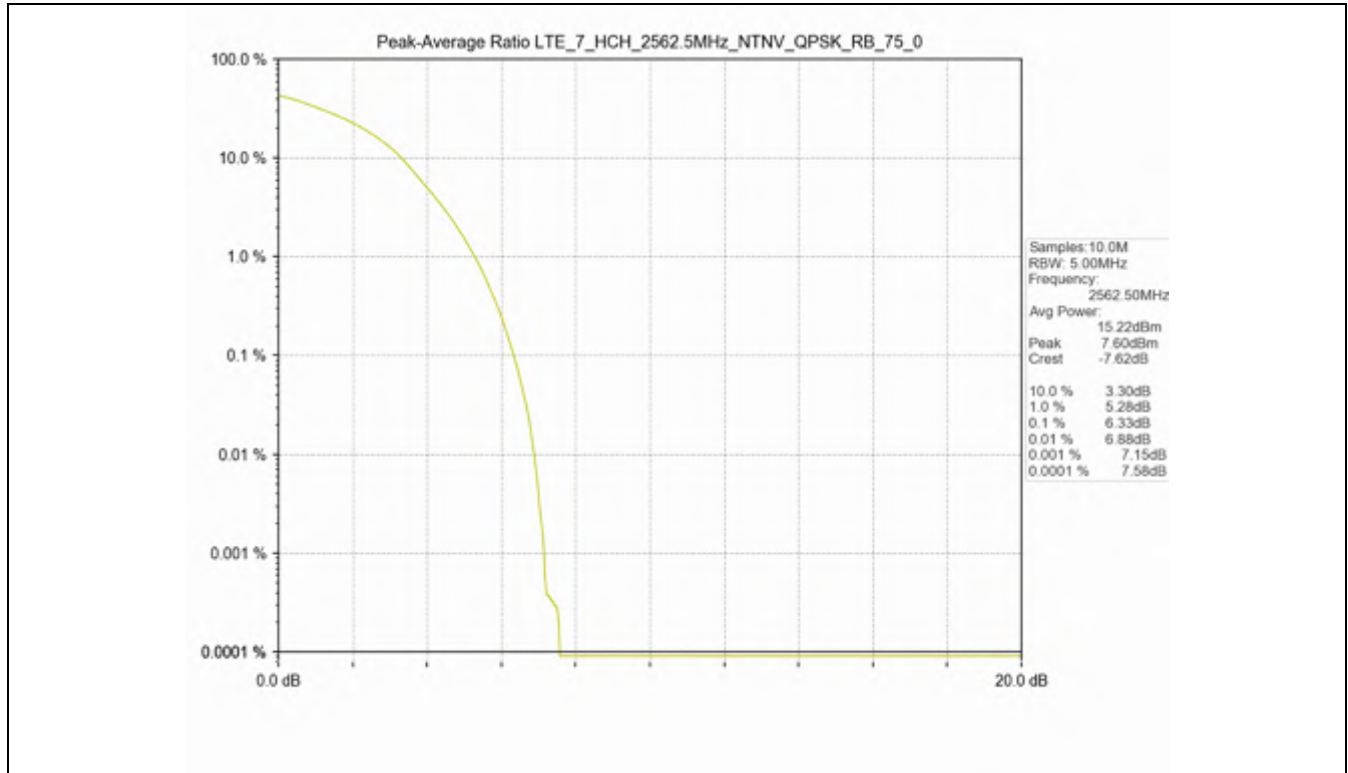
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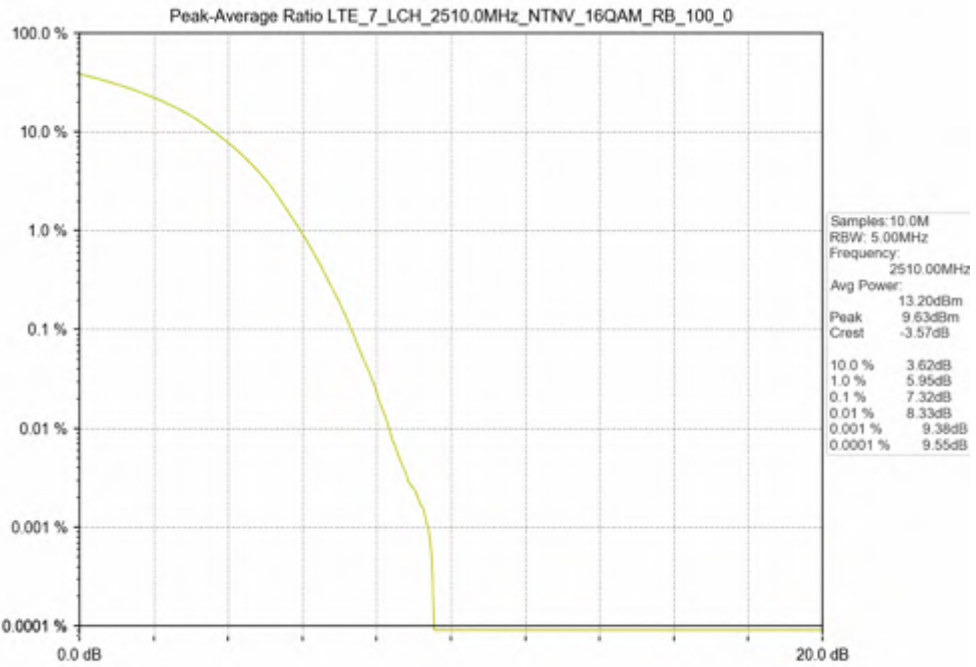
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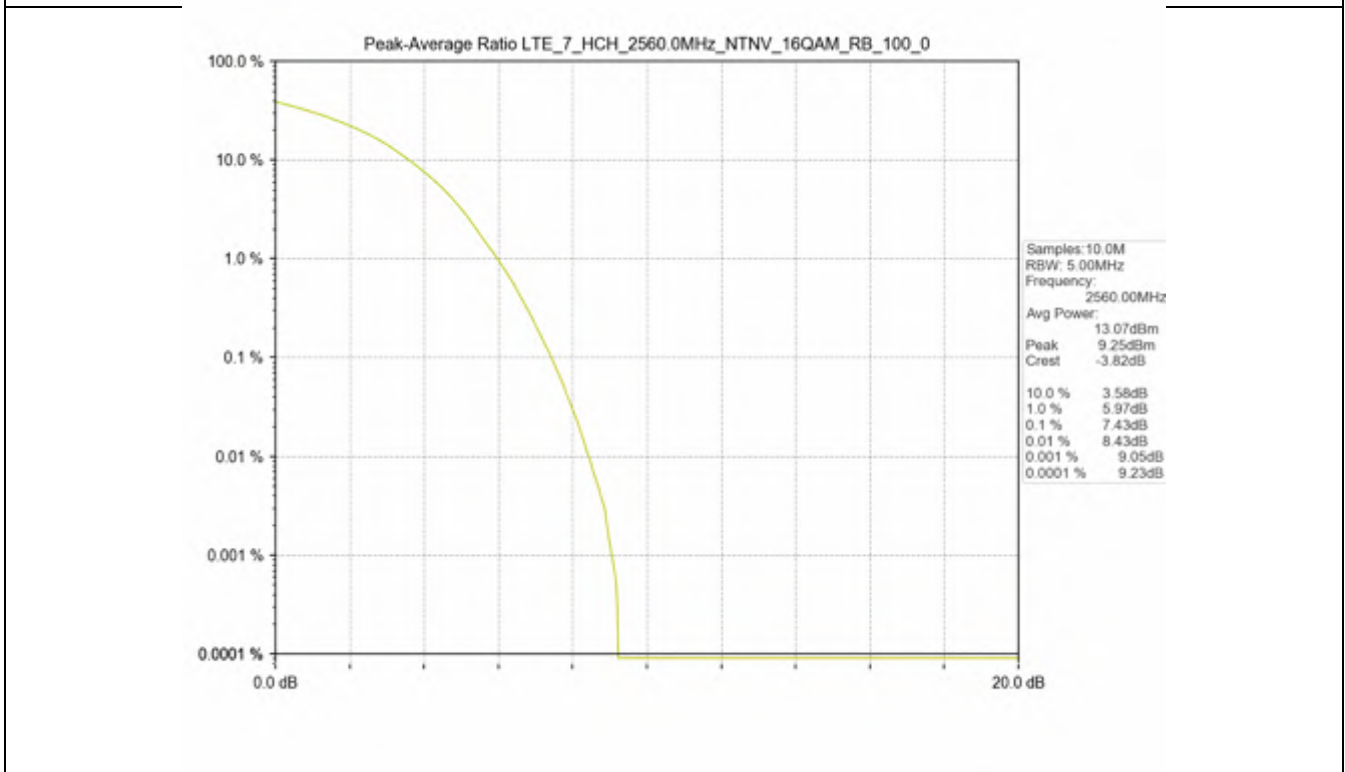
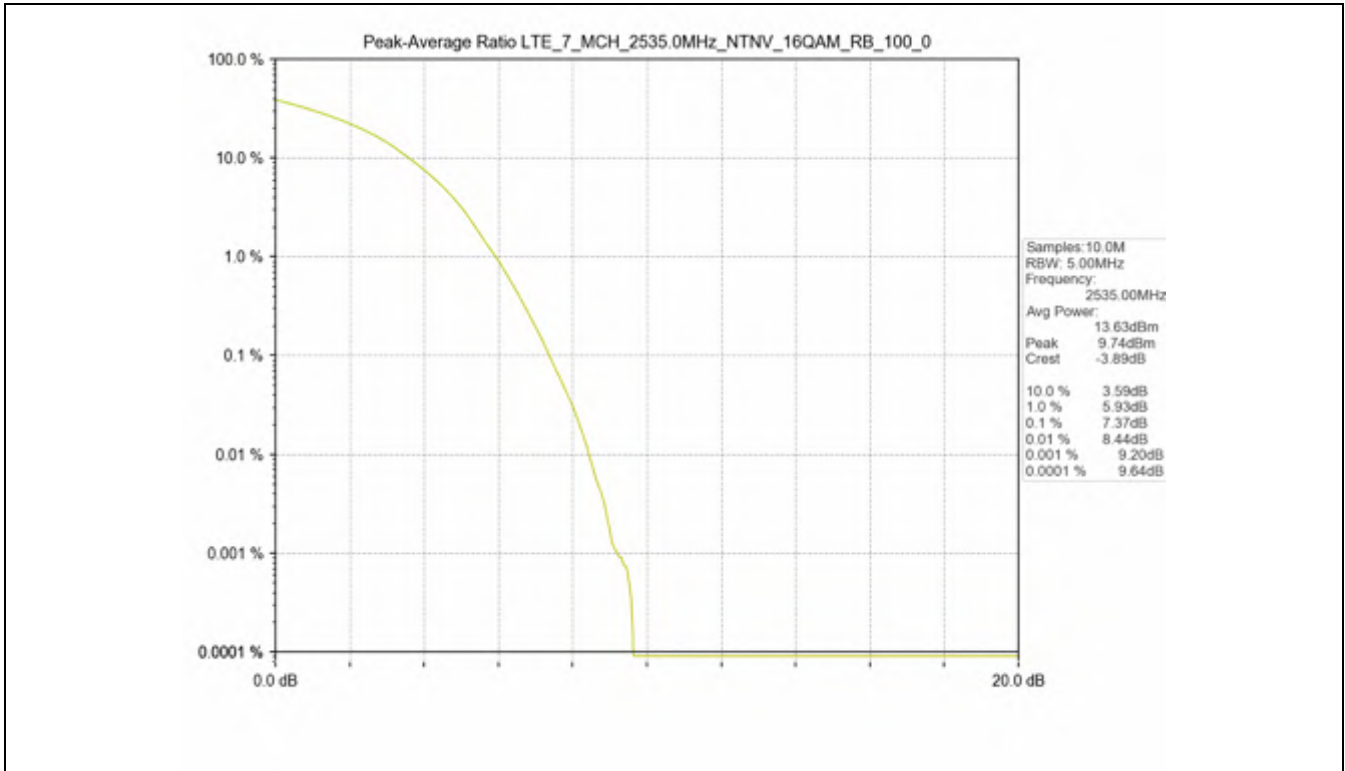


Test Band: 7 _ 20MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	6.81	6.83	6.90	13	PASS
16QAM	100	0	7.32	7.37	7.43	13	PASS



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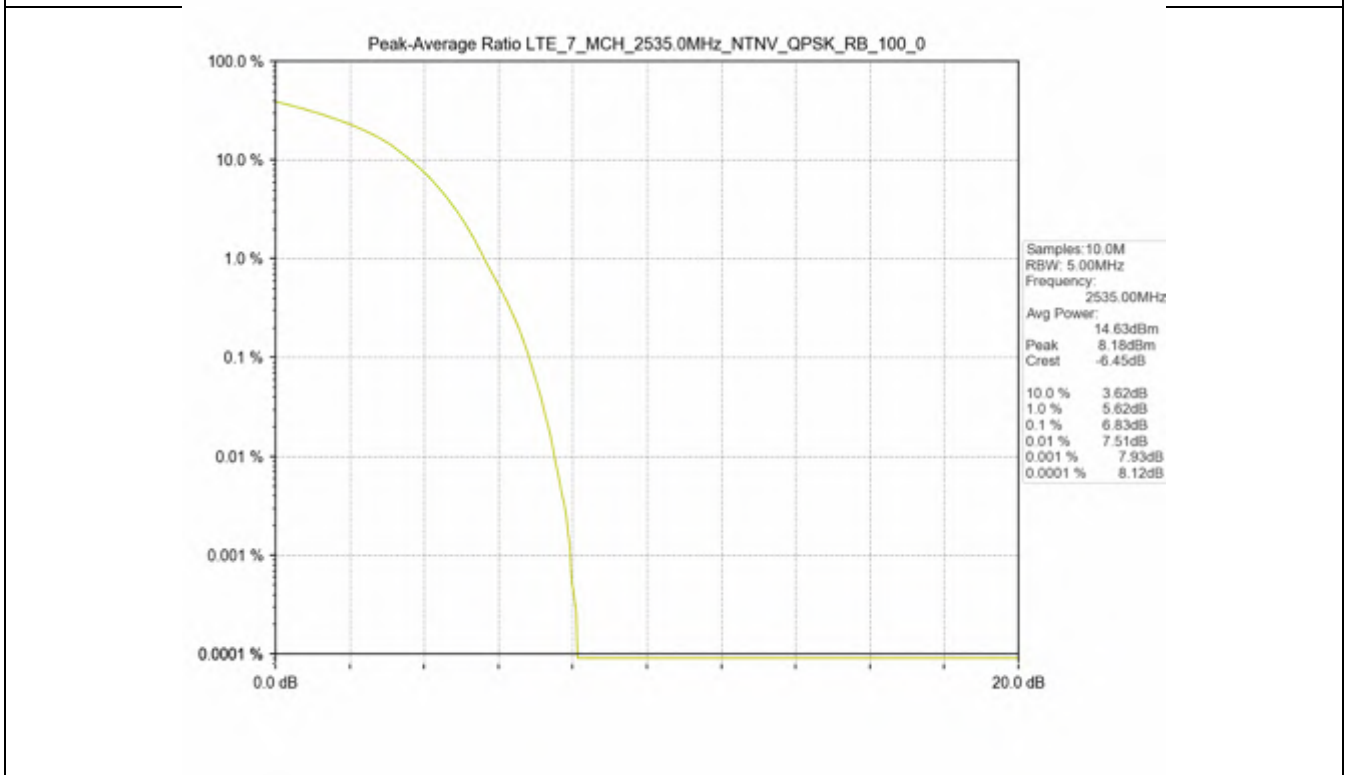
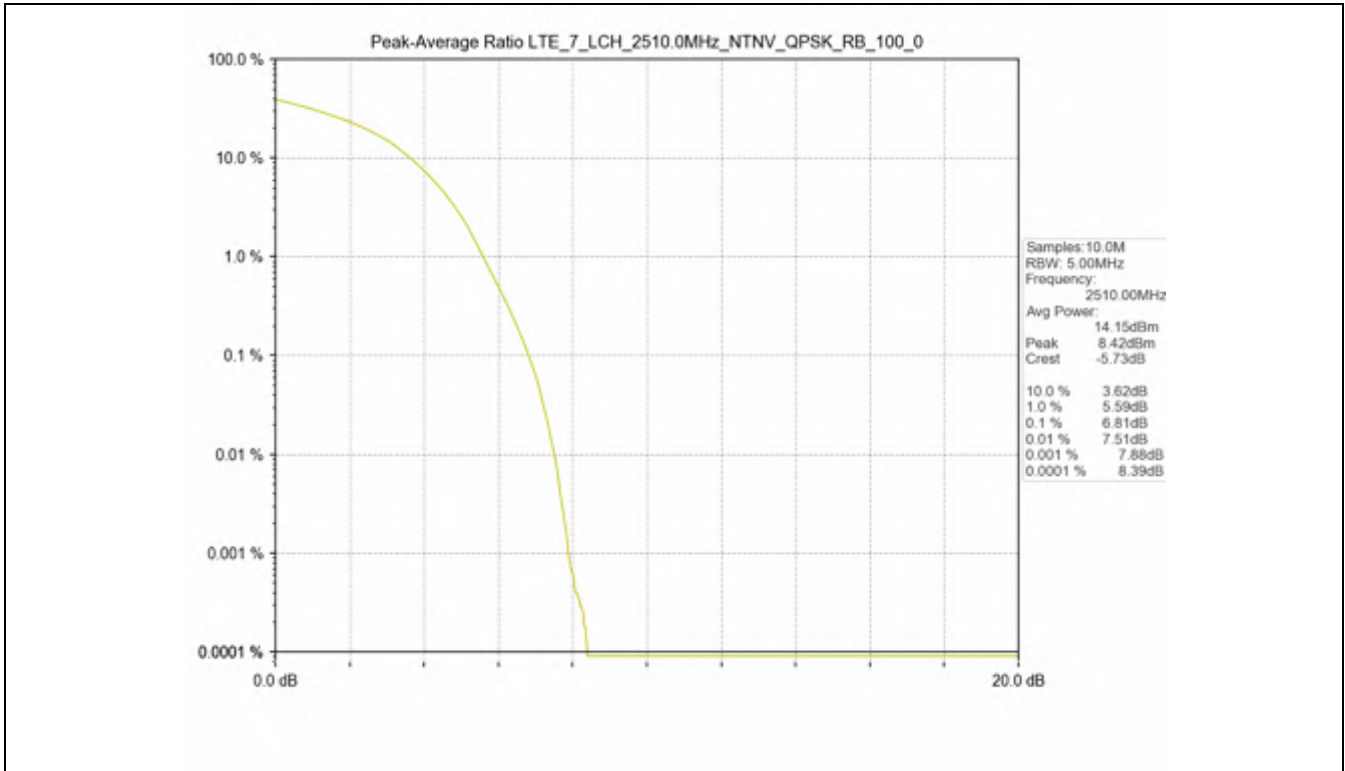
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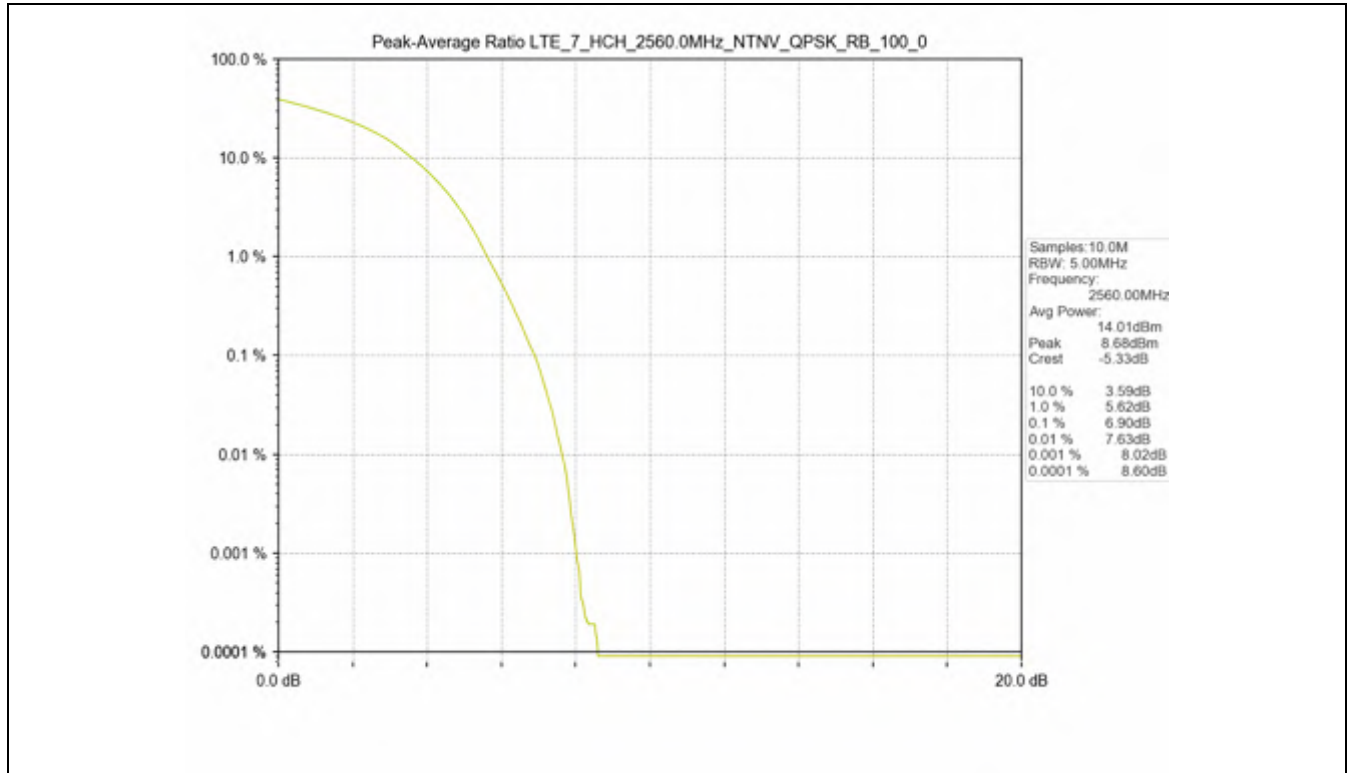
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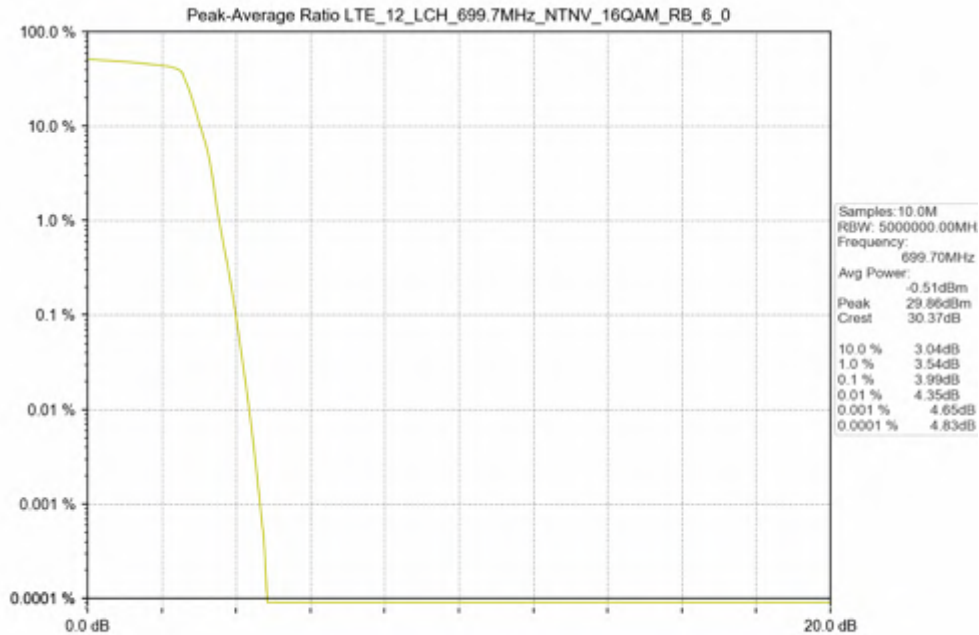
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LTE Band 12

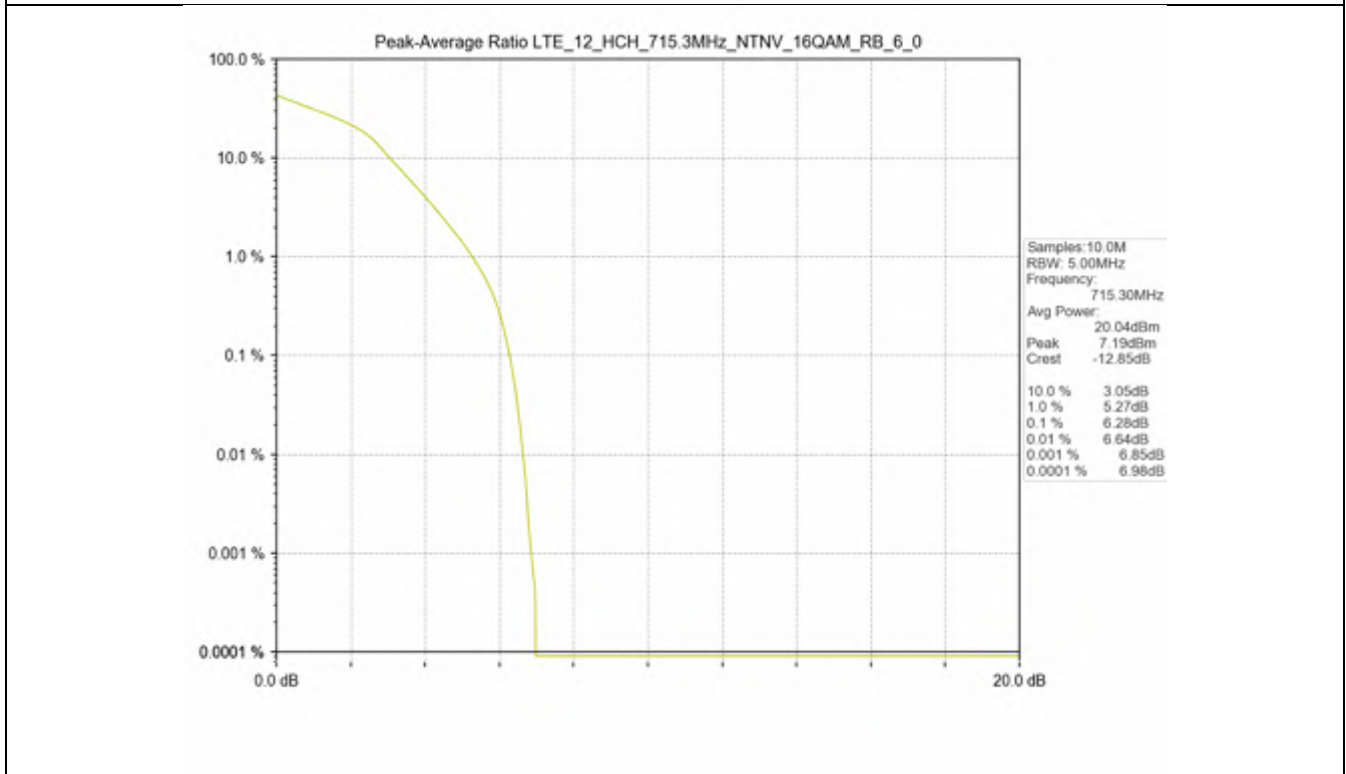
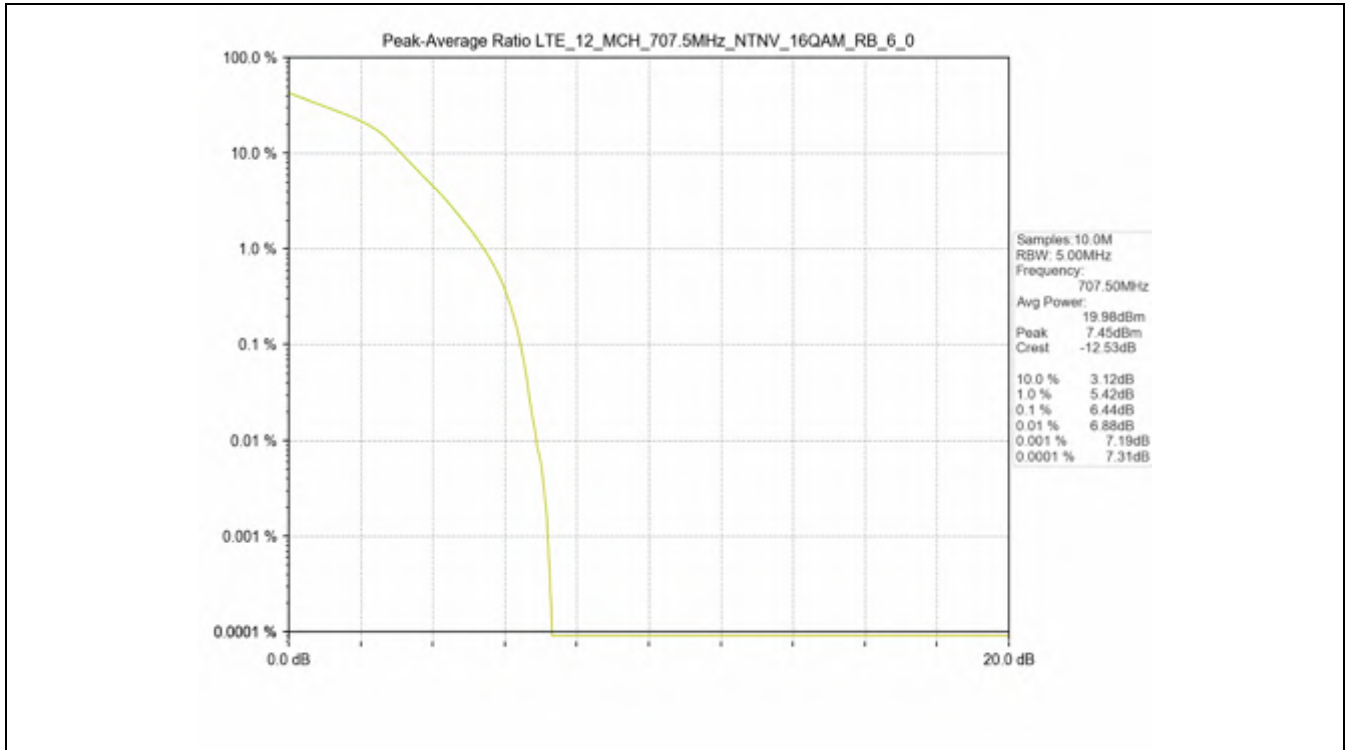
Test Band: 12 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.47	5.53	5.33	13	PASS
16QAM	6	0	3.99	6.44	6.28	13	PASS



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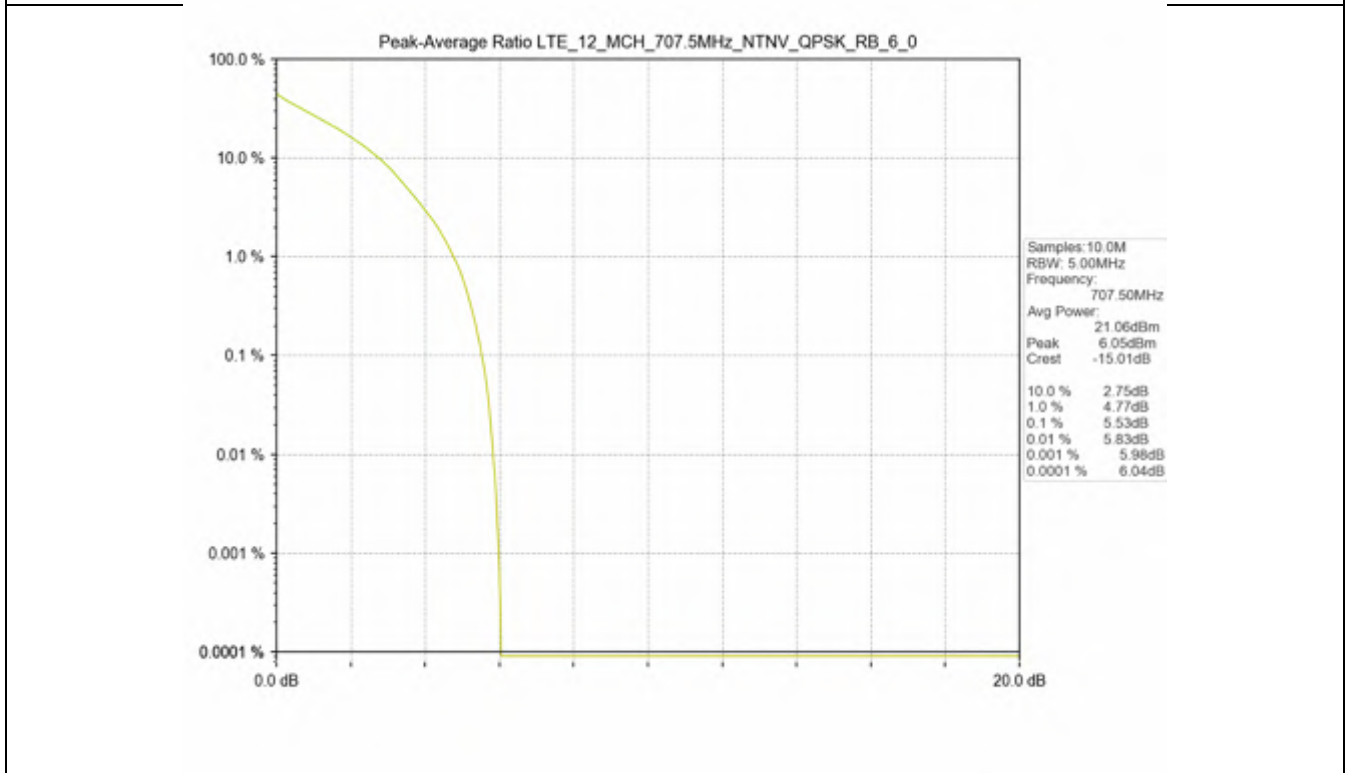
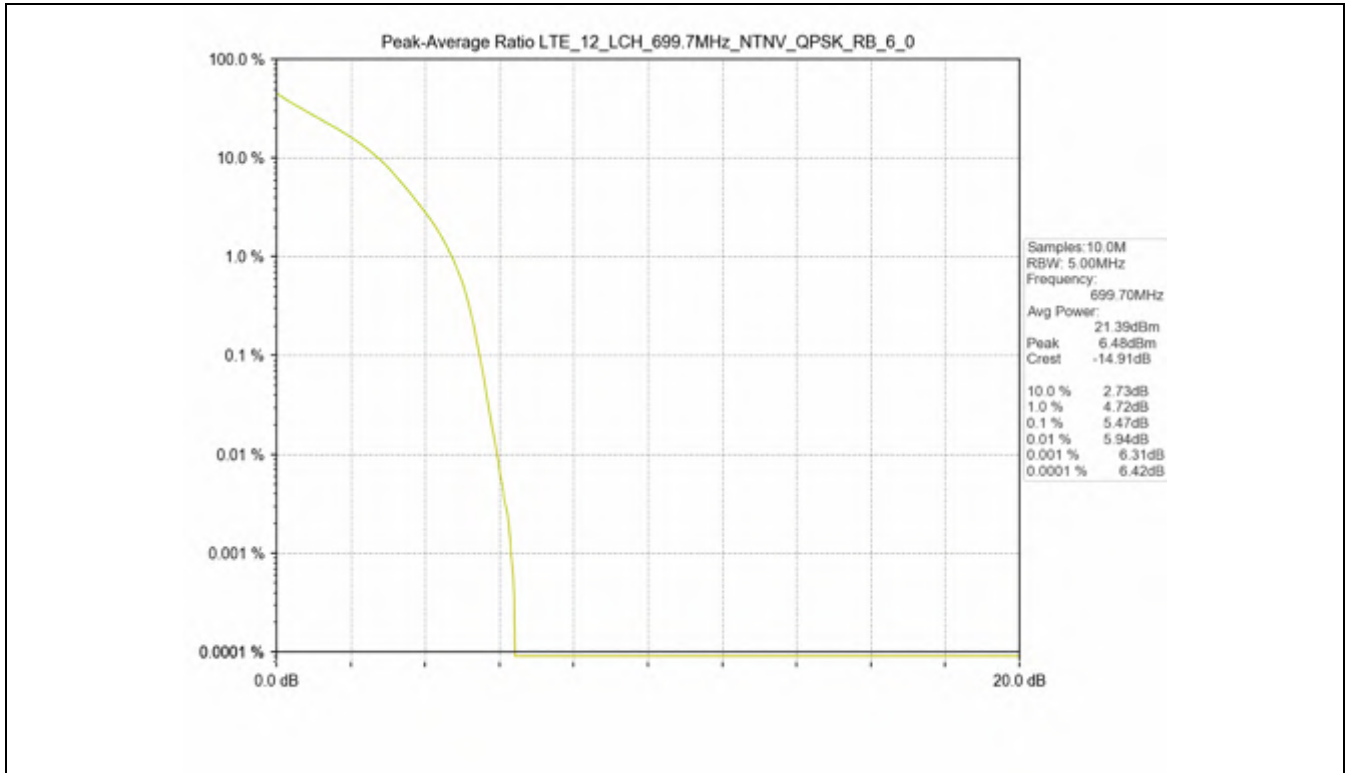
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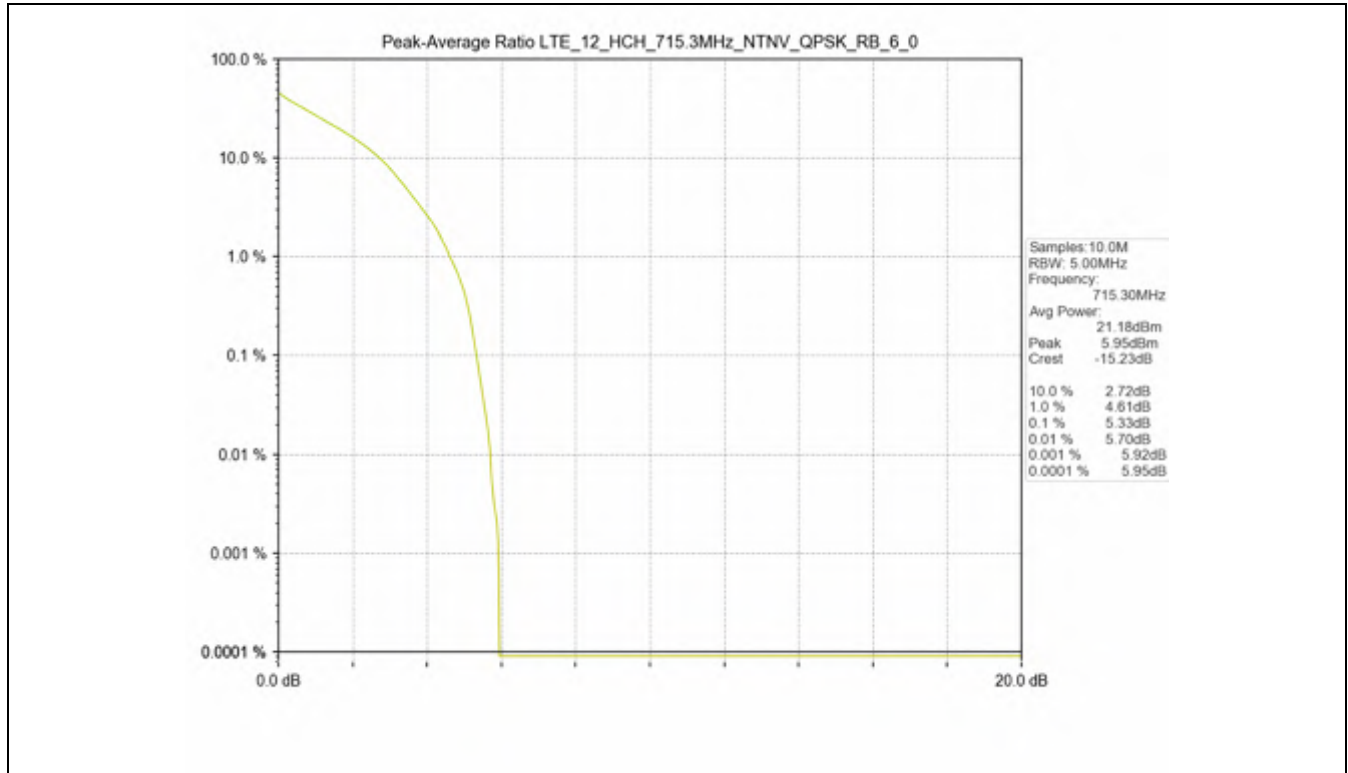
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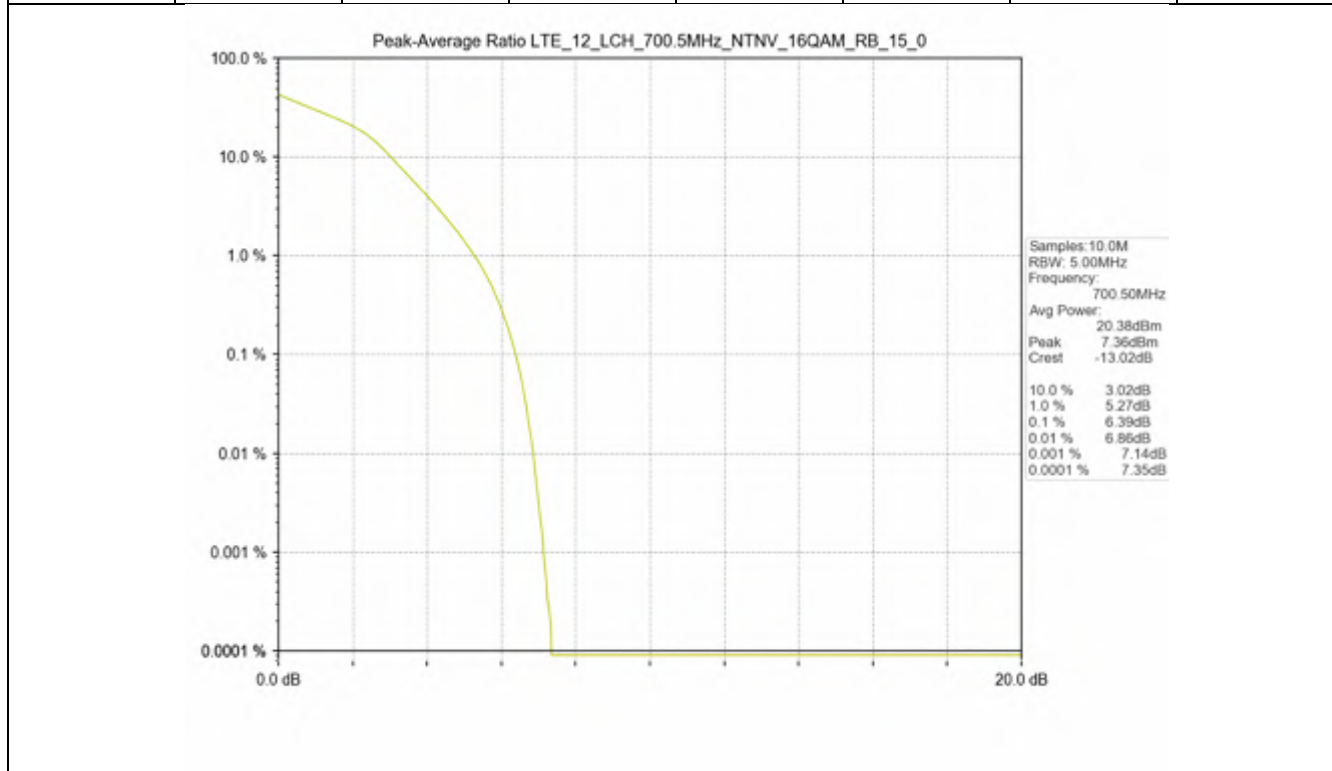
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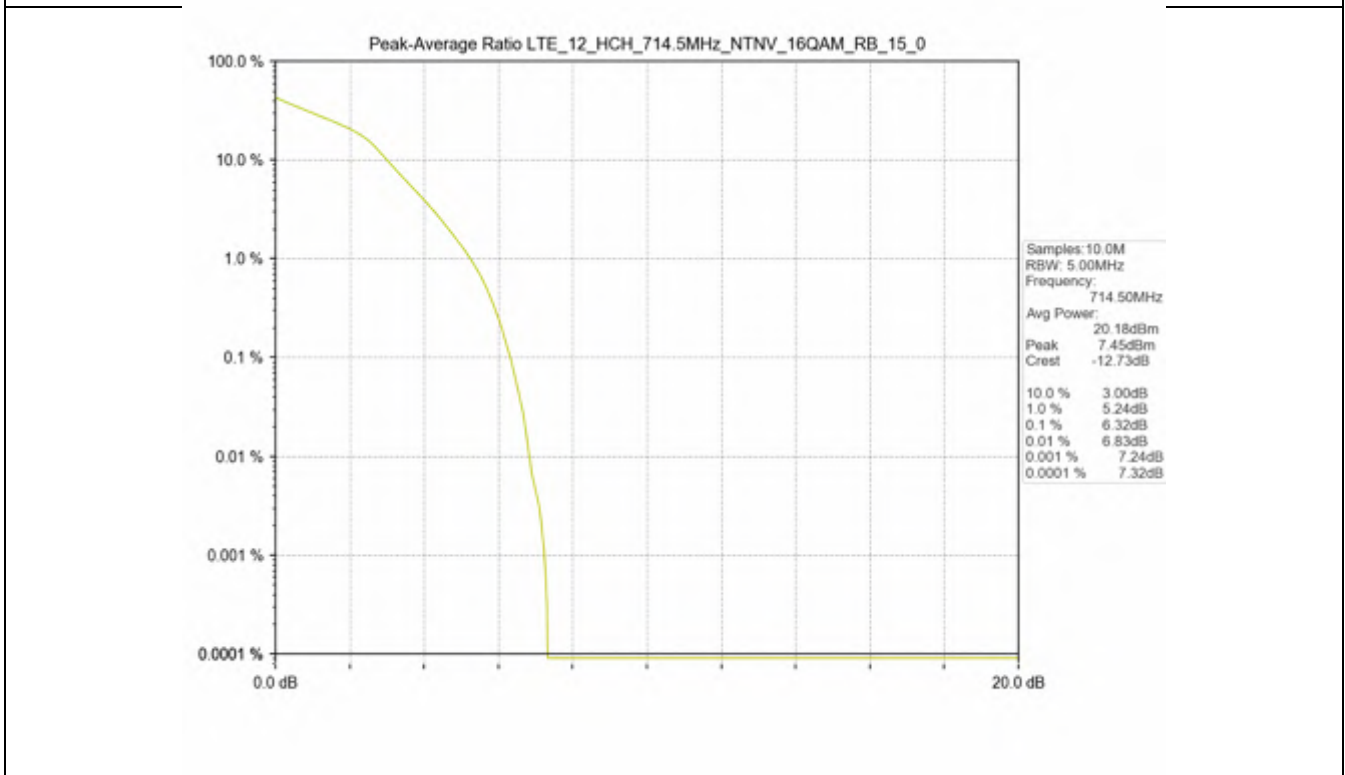
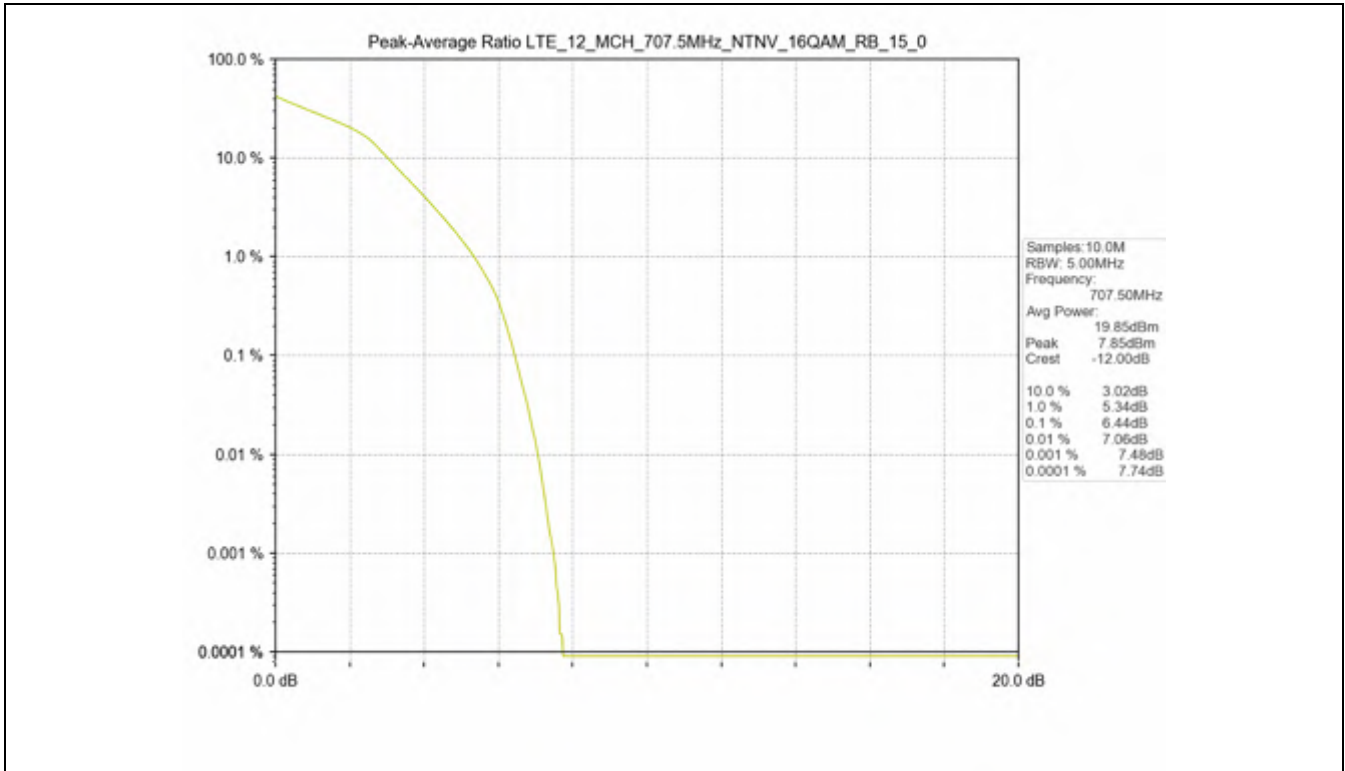
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Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	5.51	5.52	5.44	13	PASS
16QAM	15	0	6.39	6.44	6.32	13	PASS



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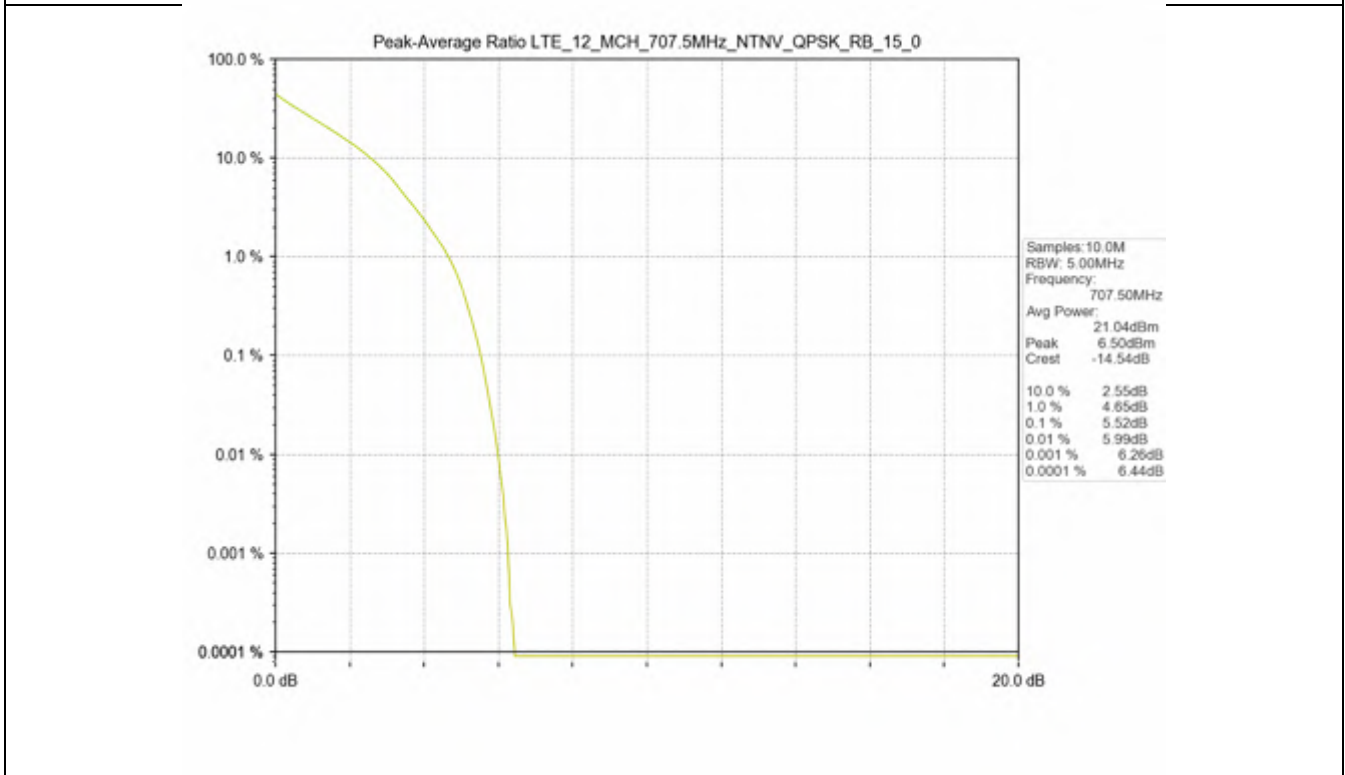
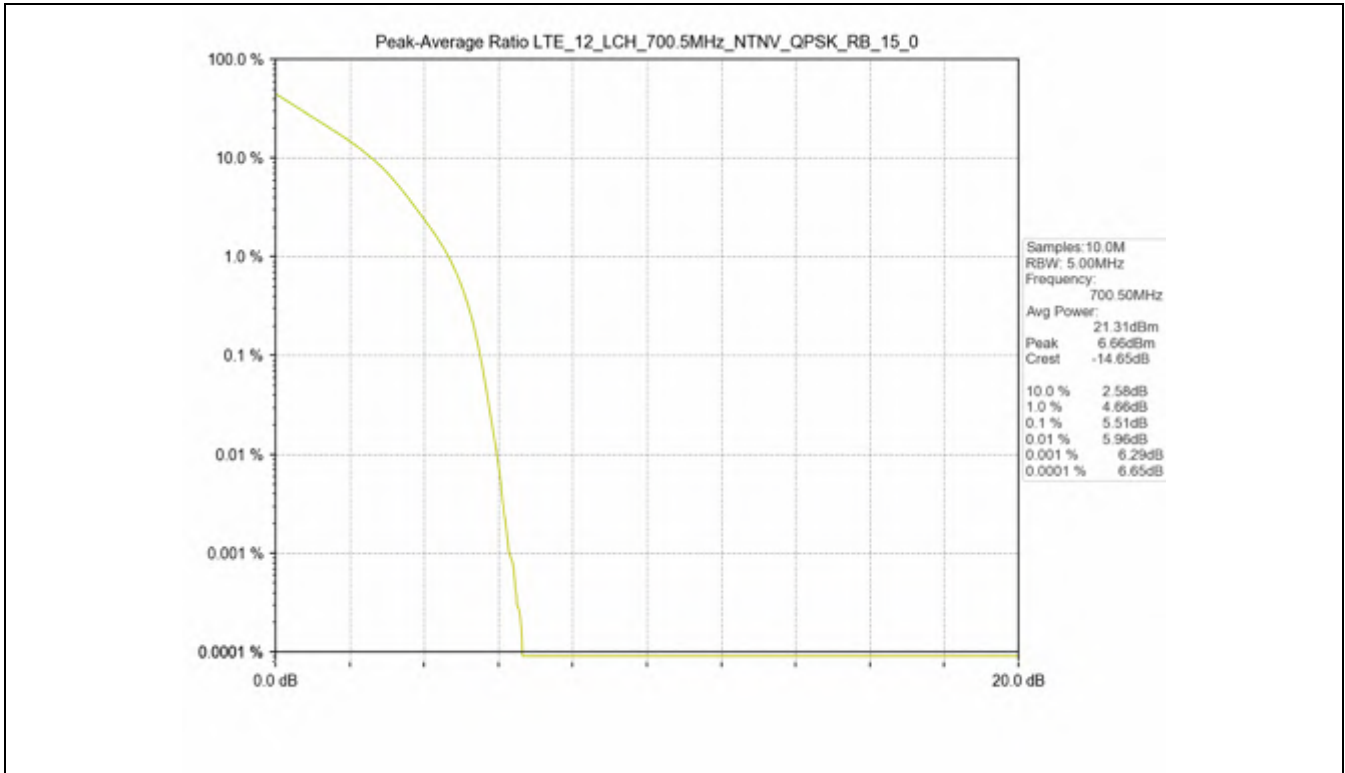
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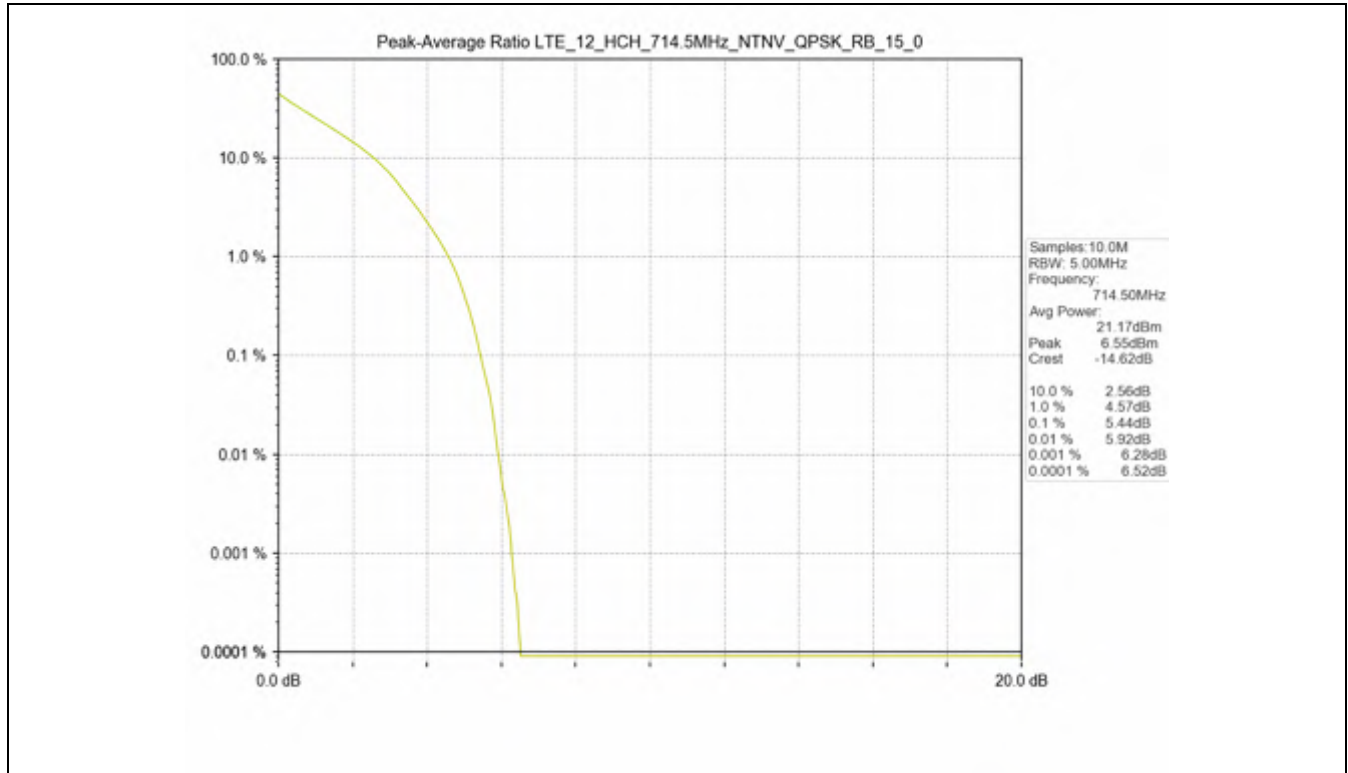
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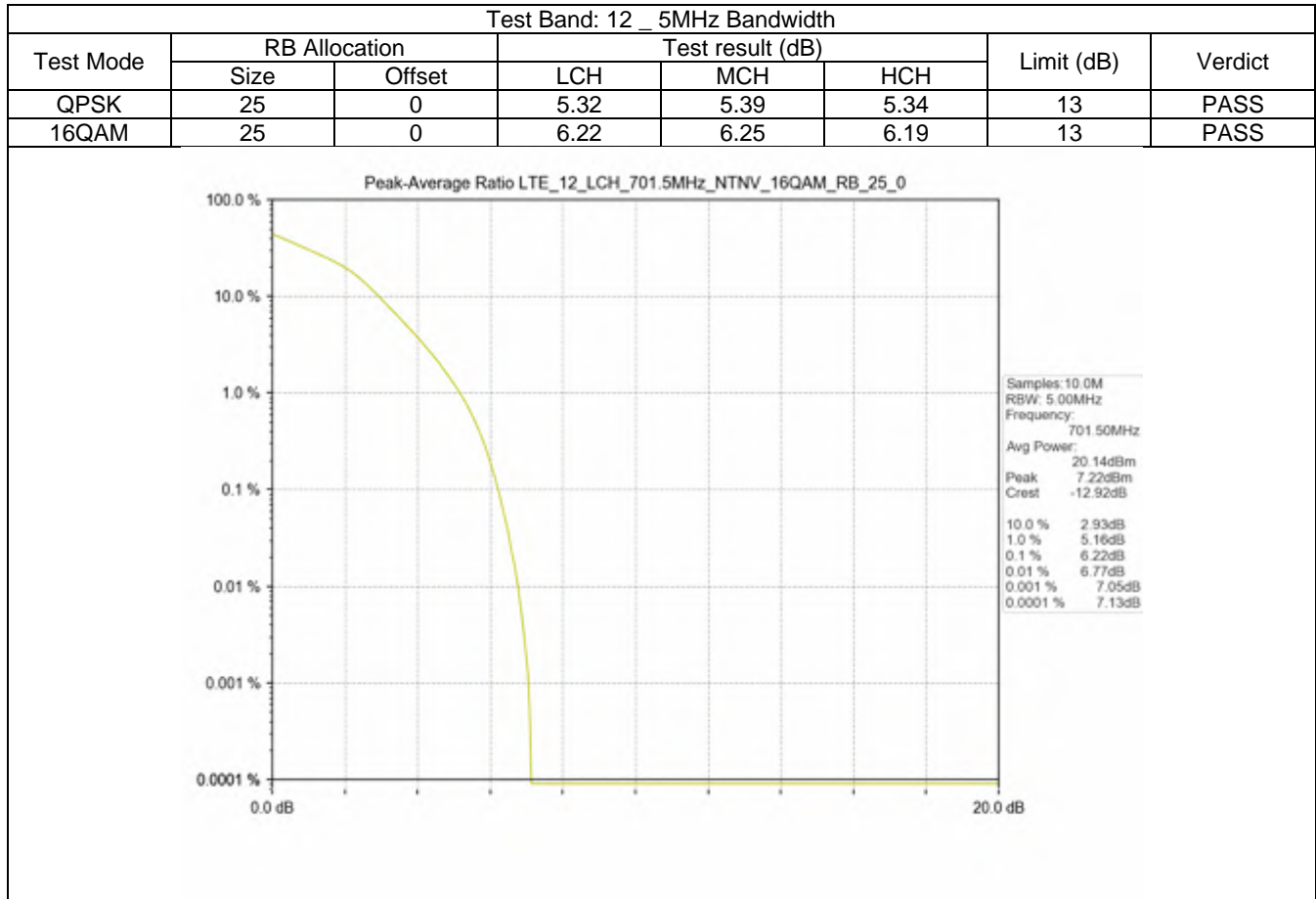
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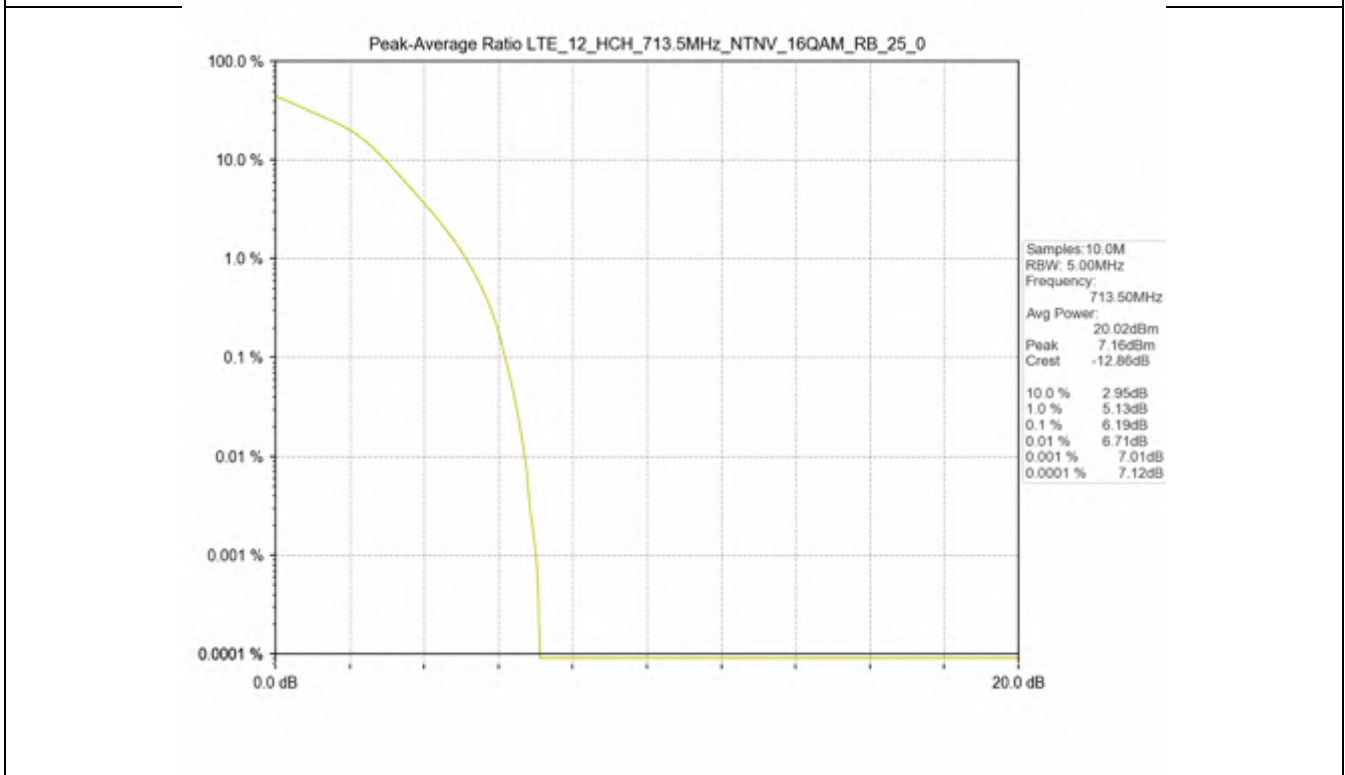
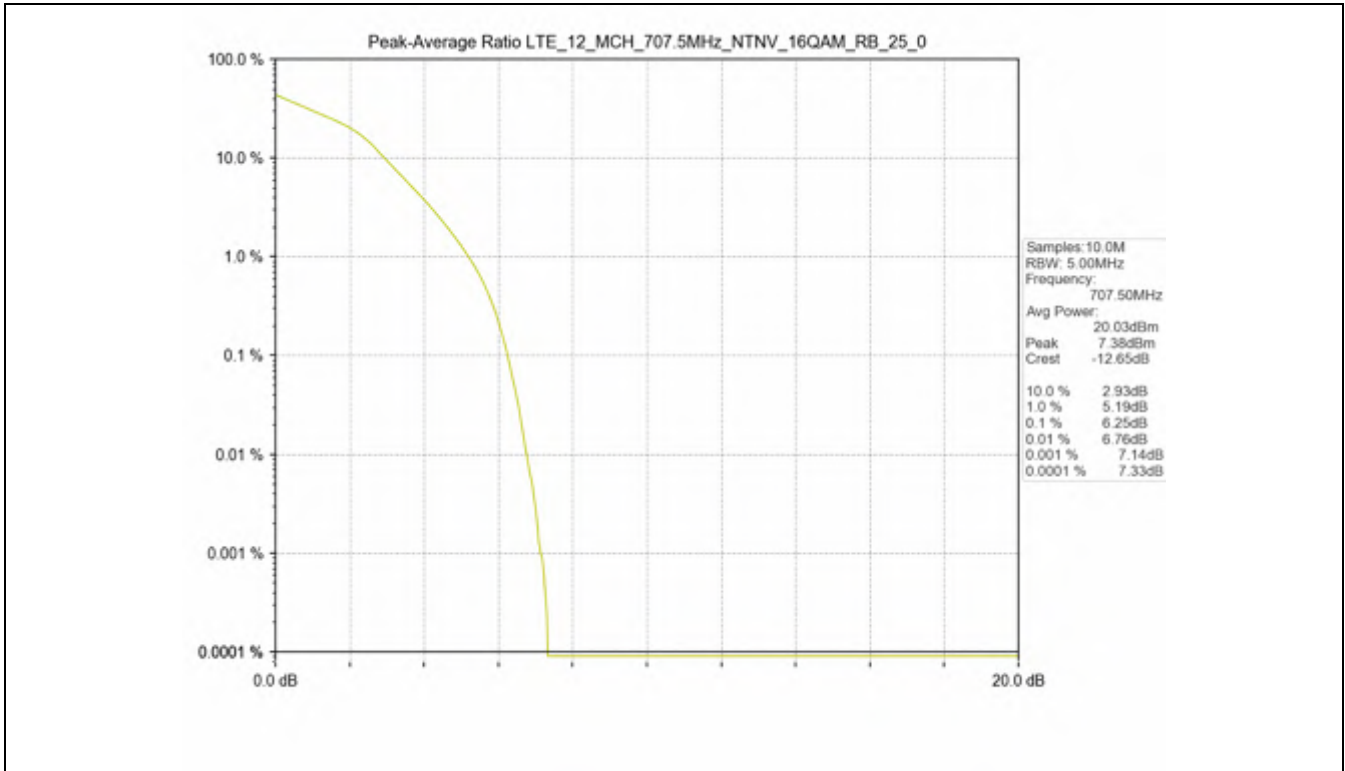
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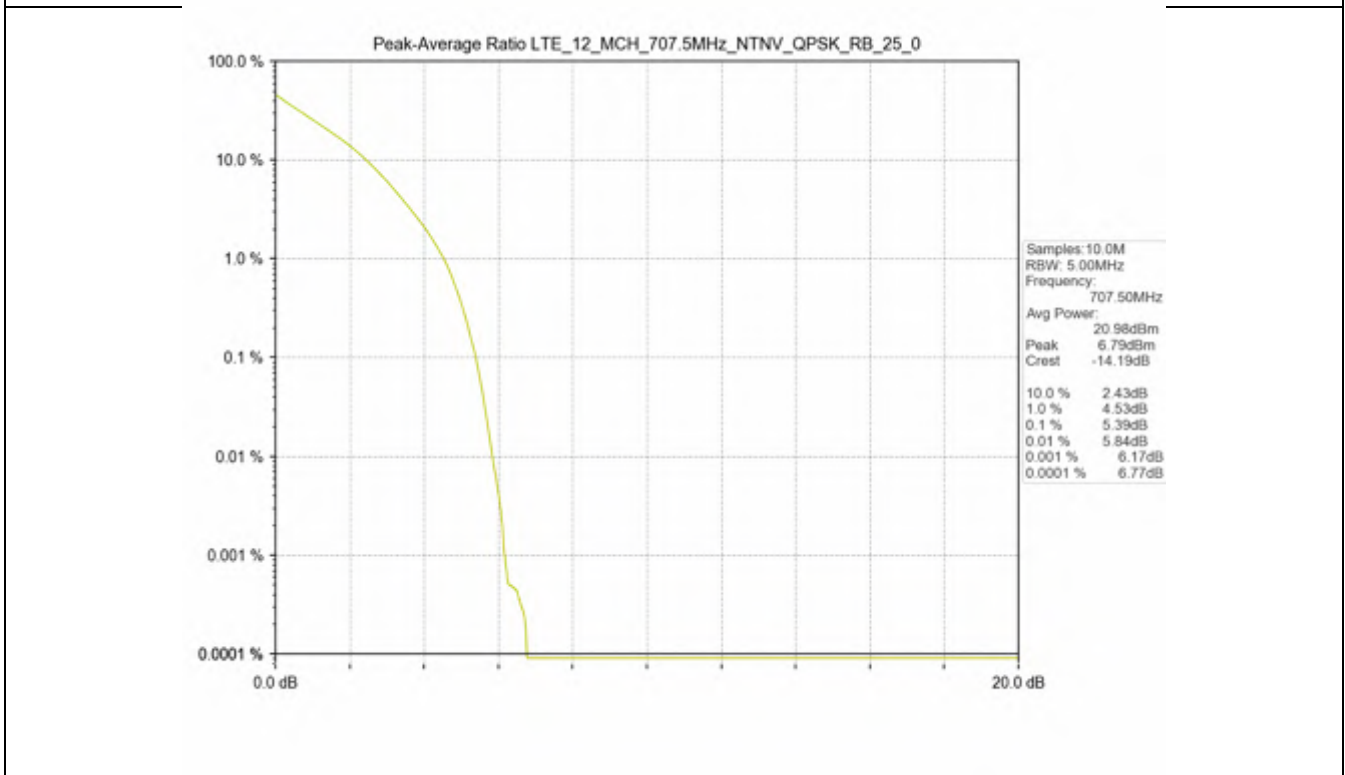
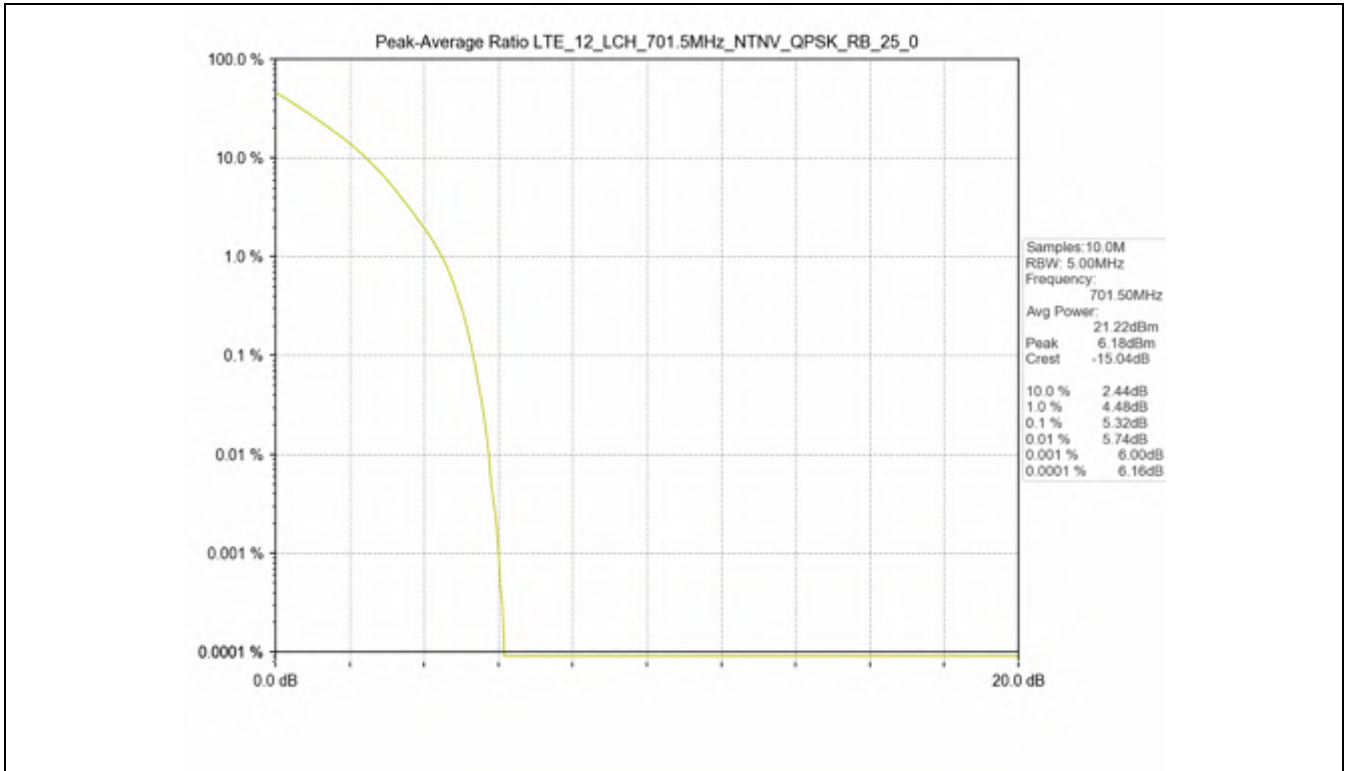
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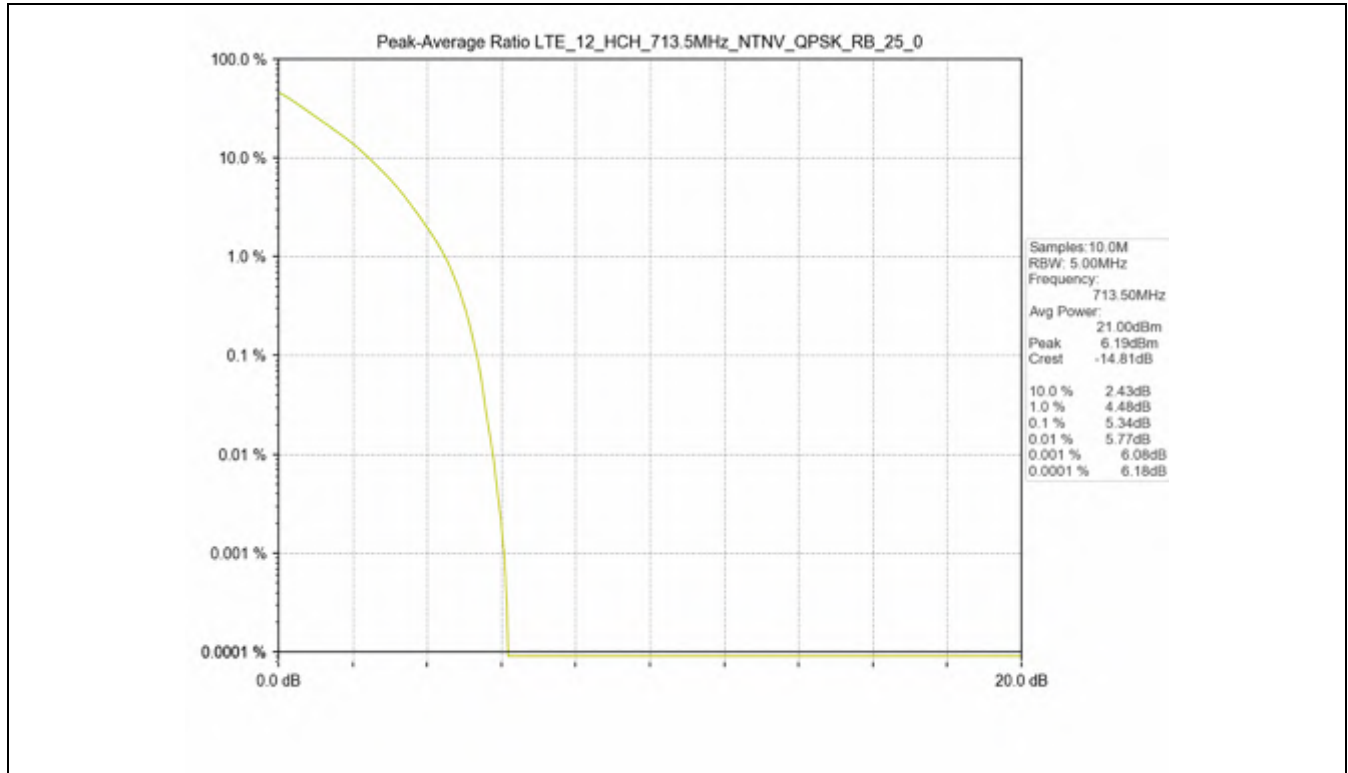
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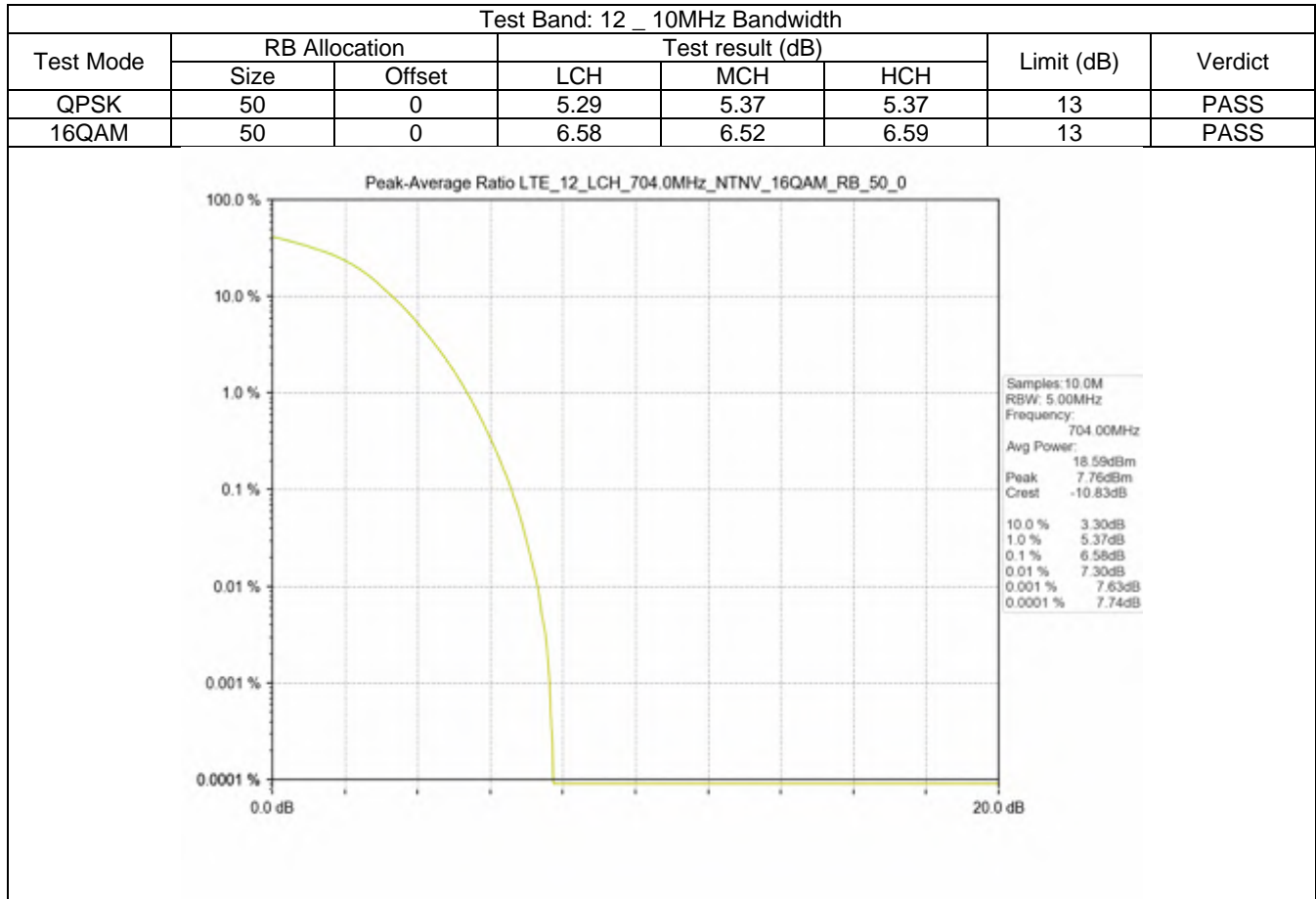


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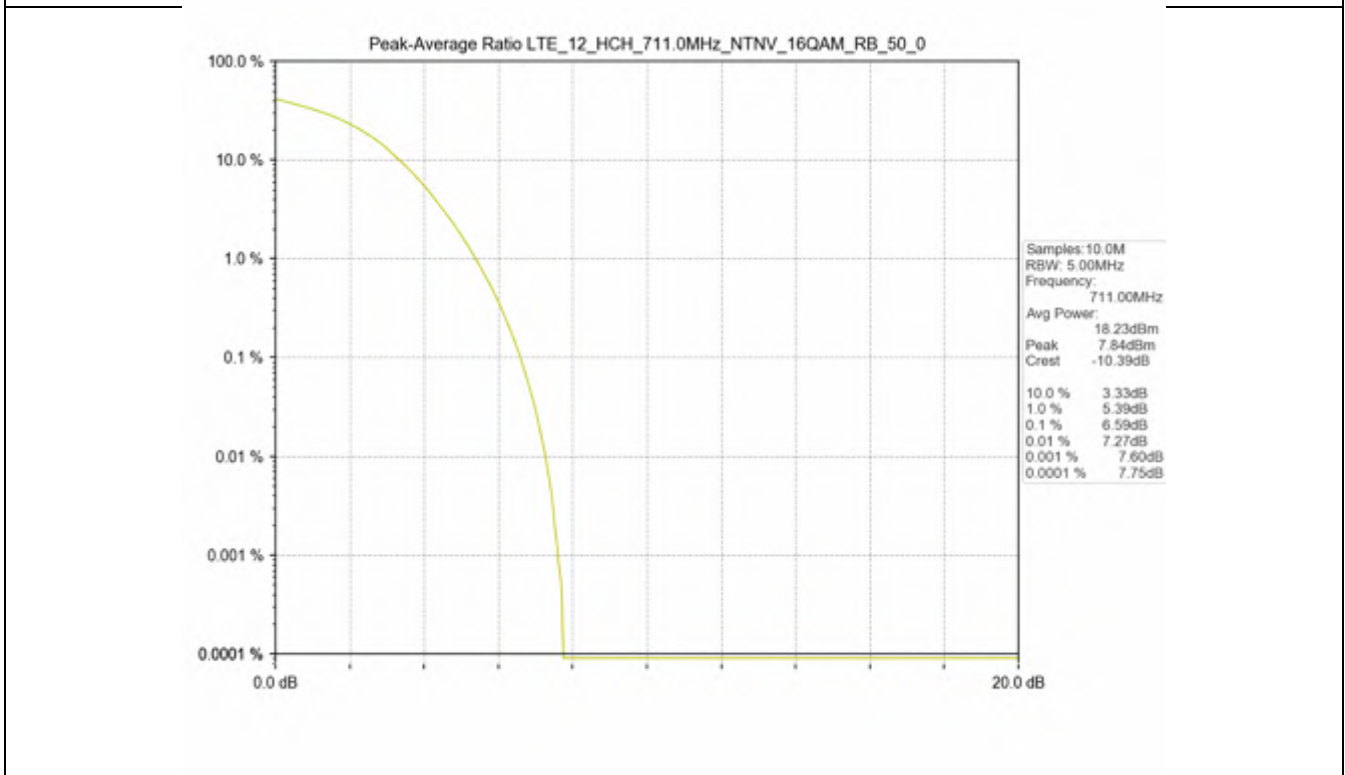
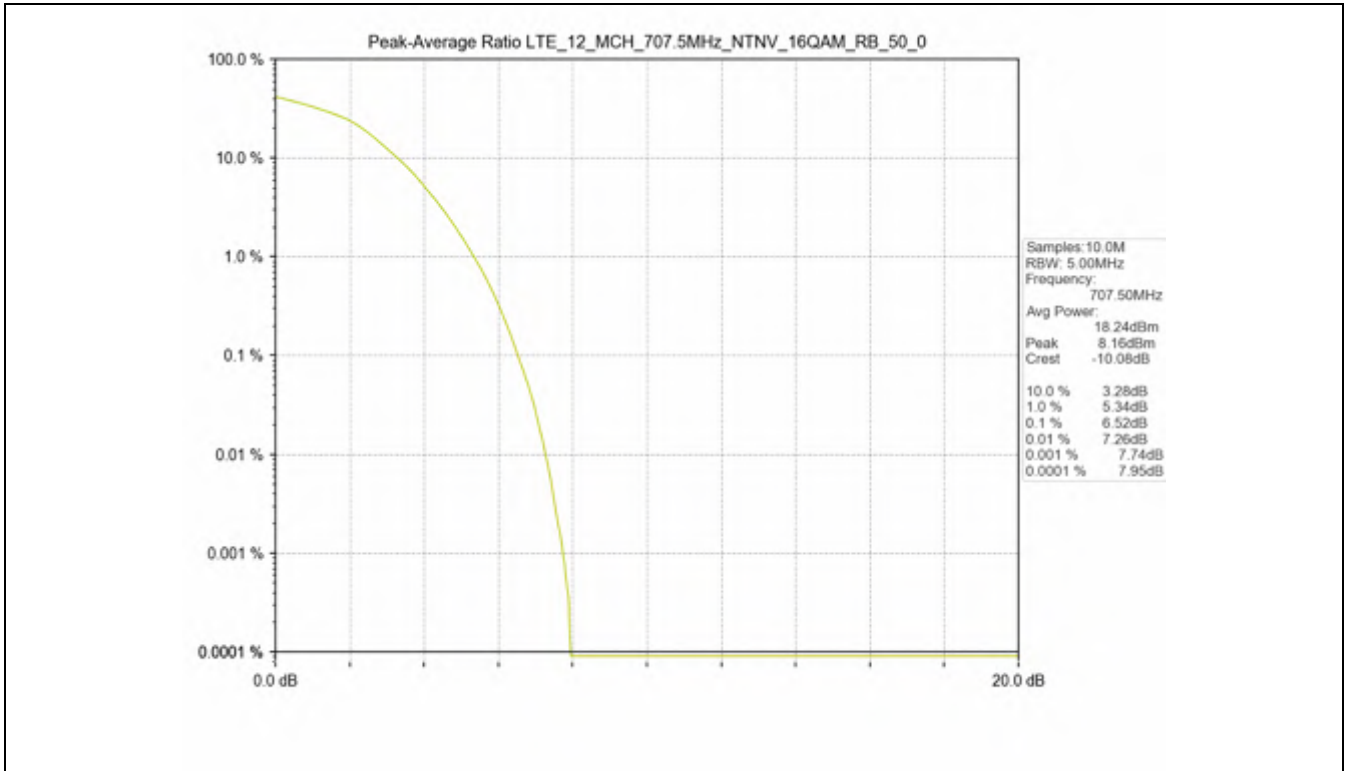




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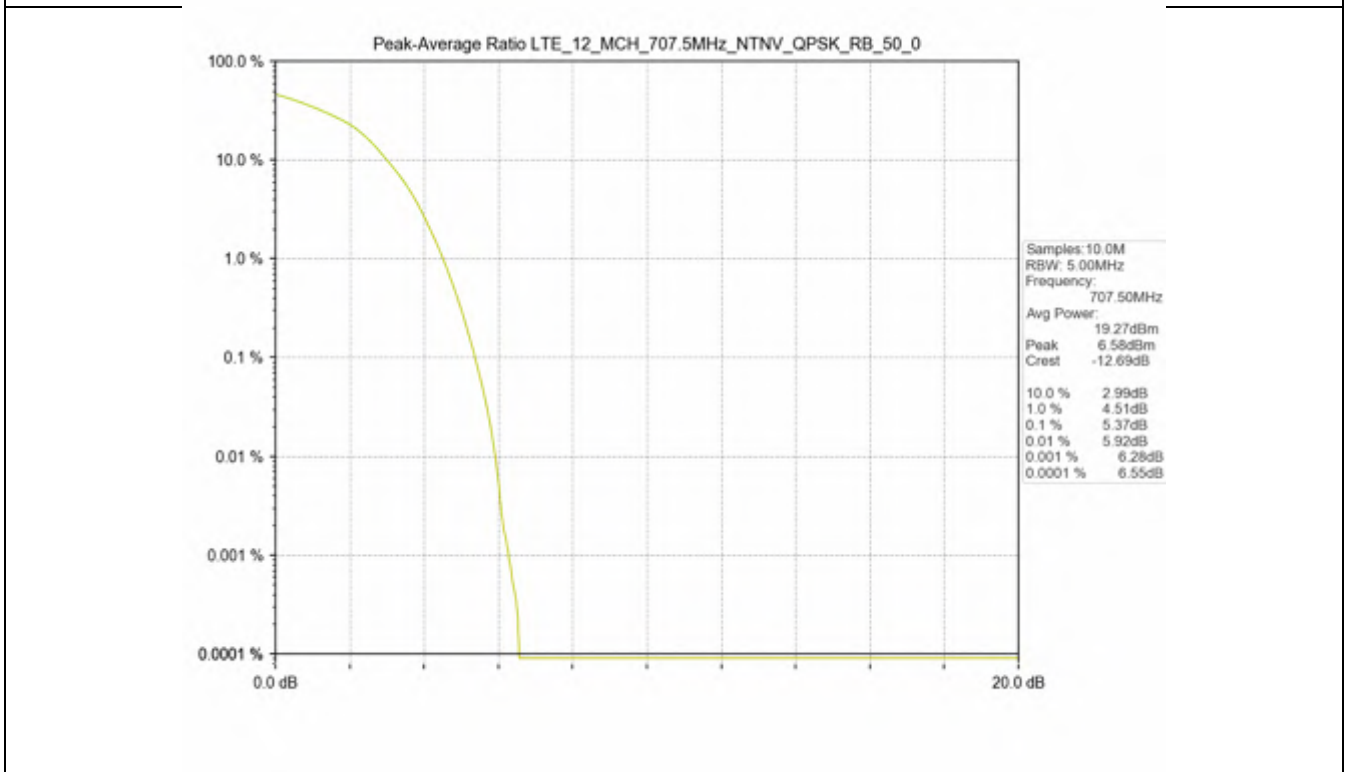
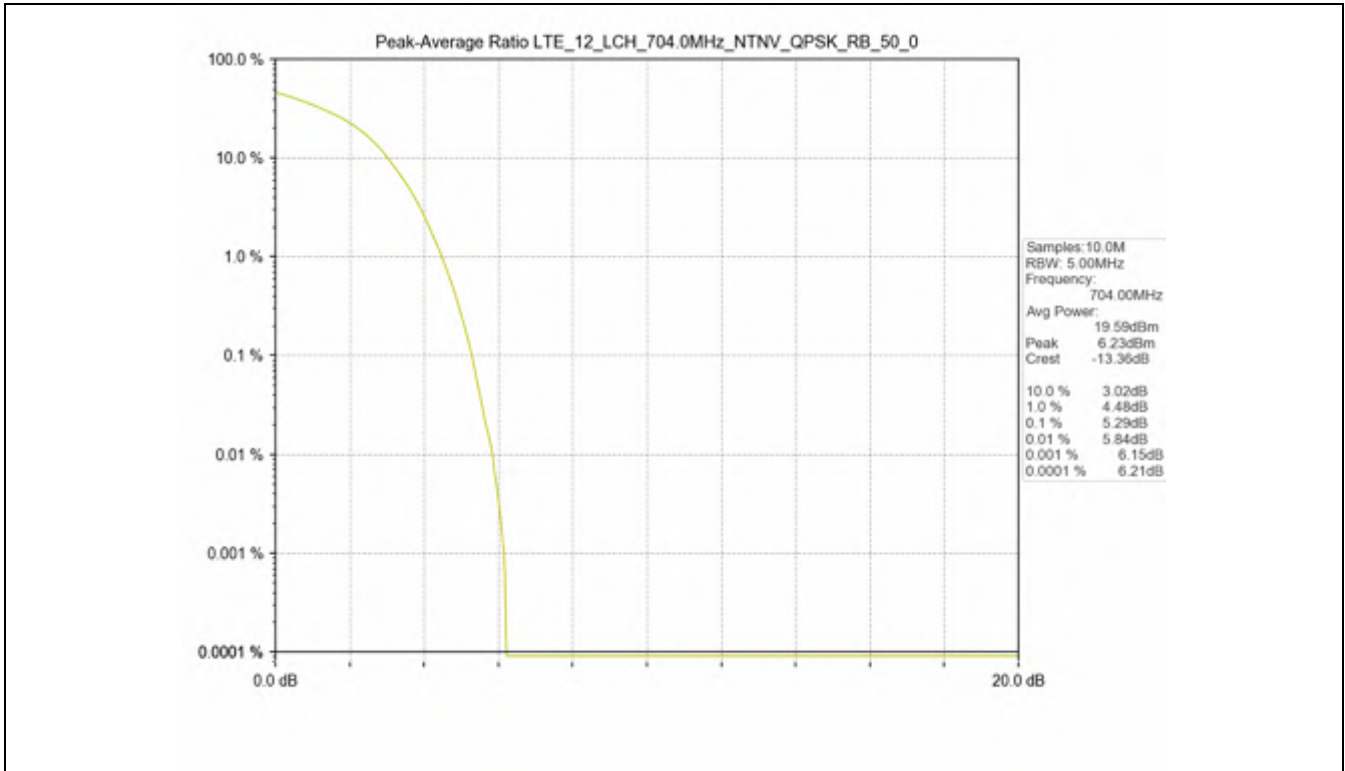
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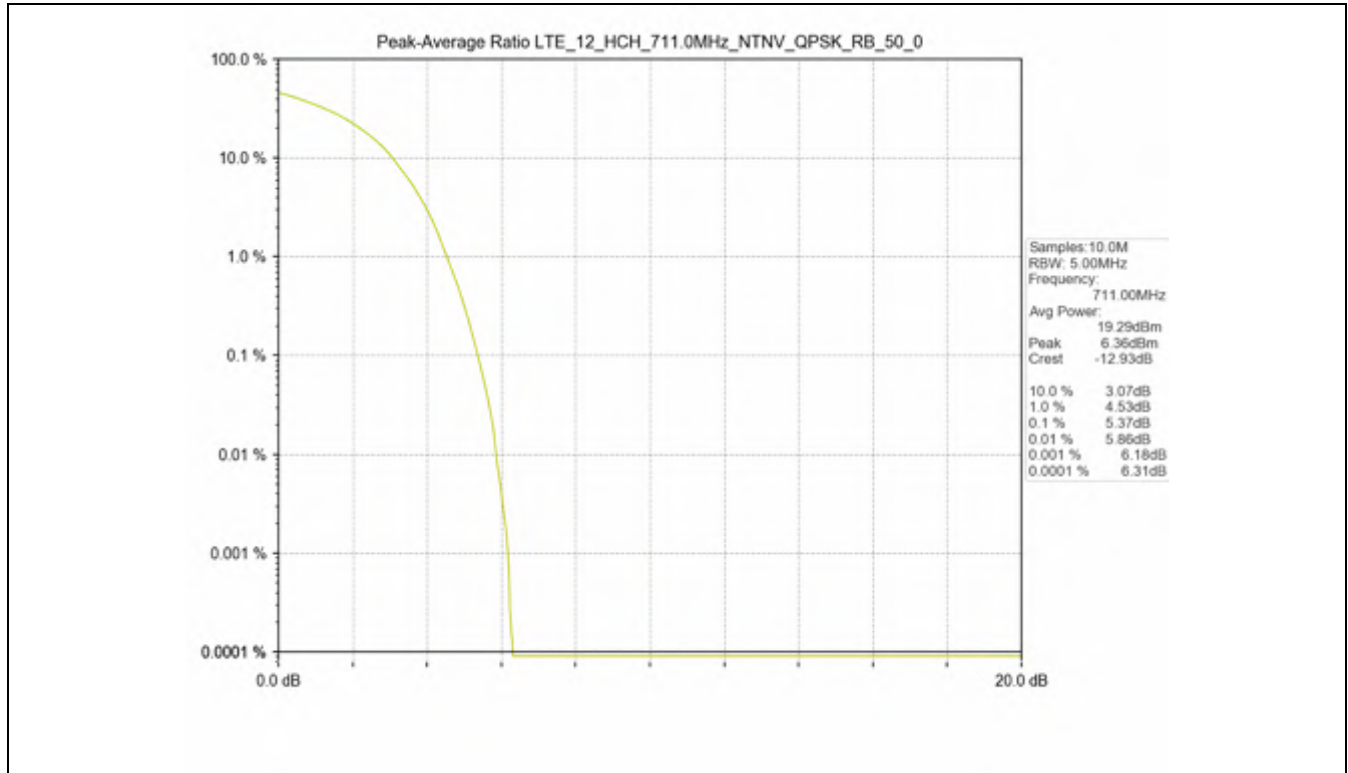
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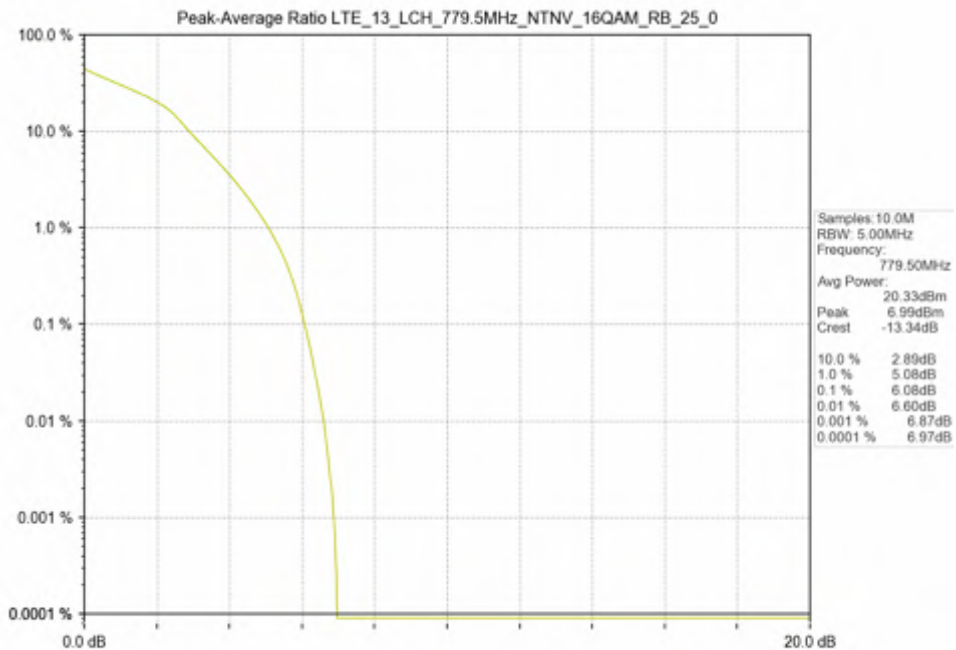
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LTE Band 13

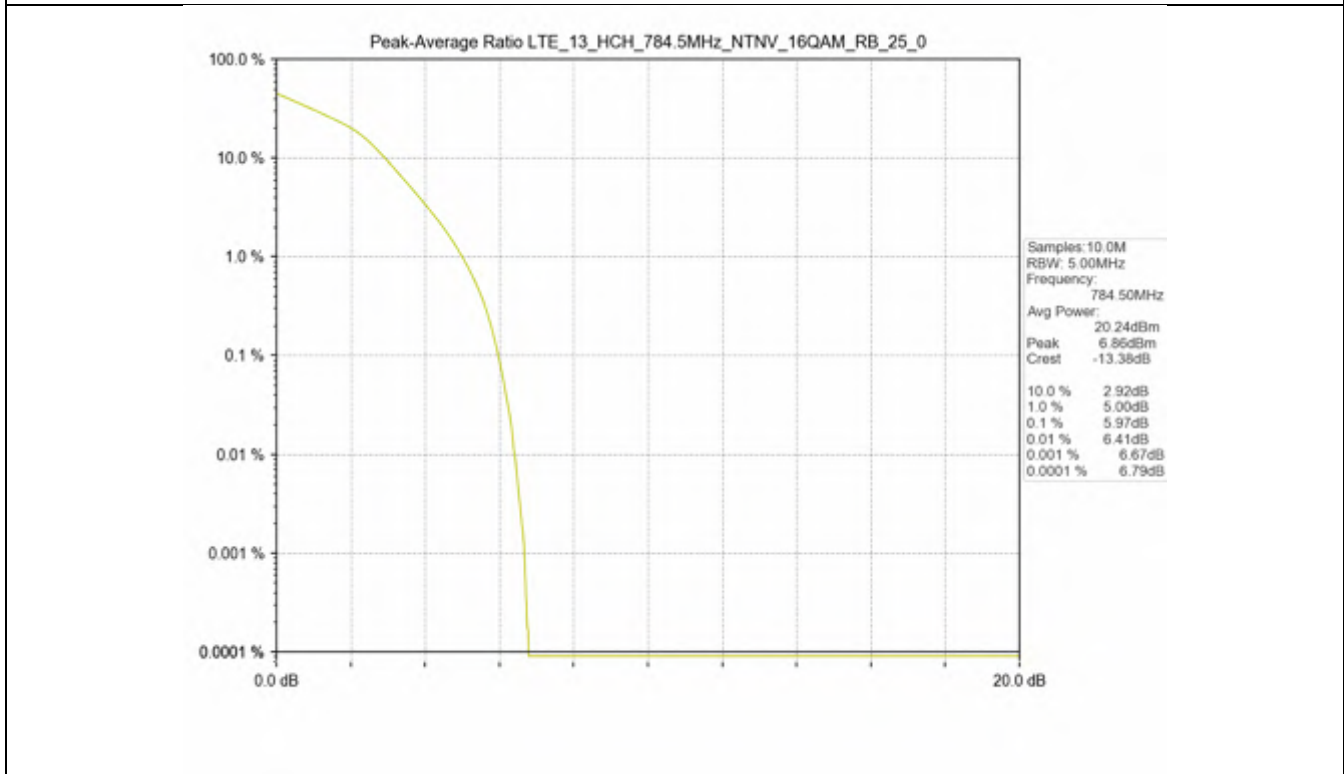
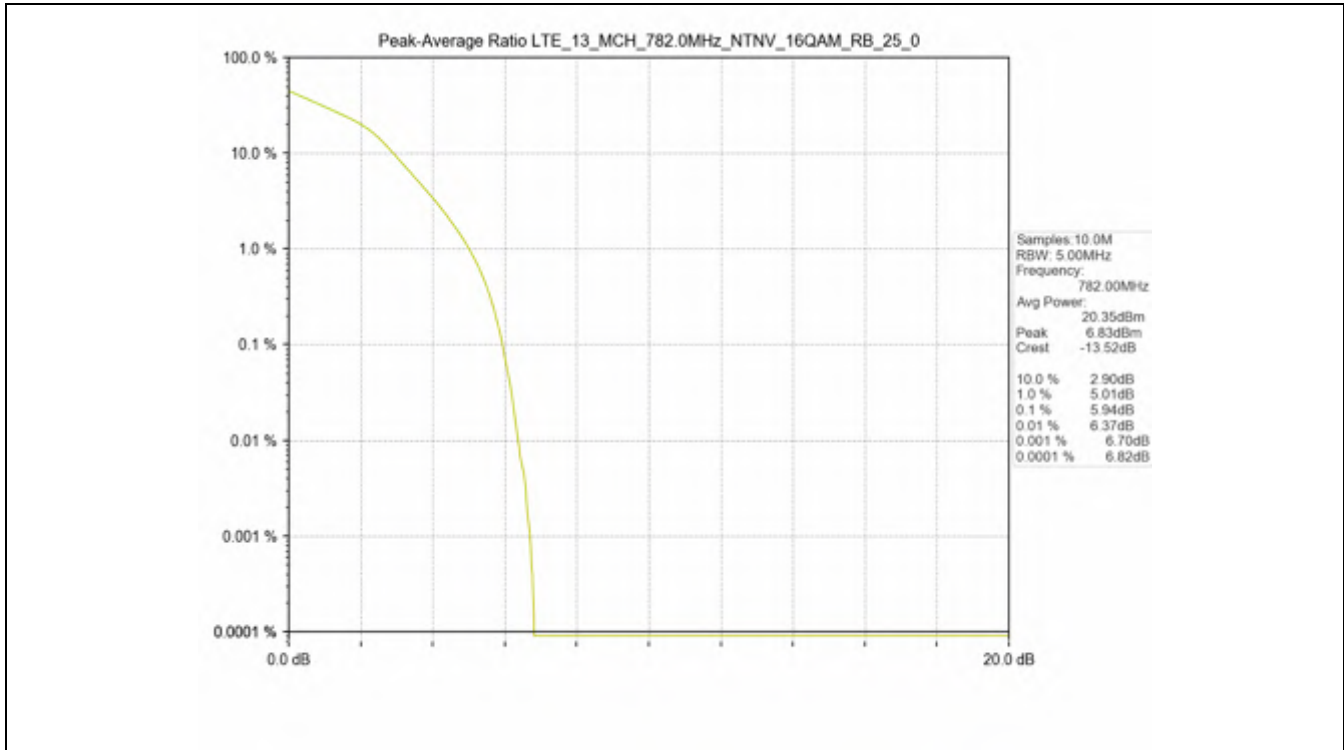
Test Band: 13_5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.19	5.09	5.12	13	PASS
16QAM	25	0	6.08	5.94	5.97	13	PASS



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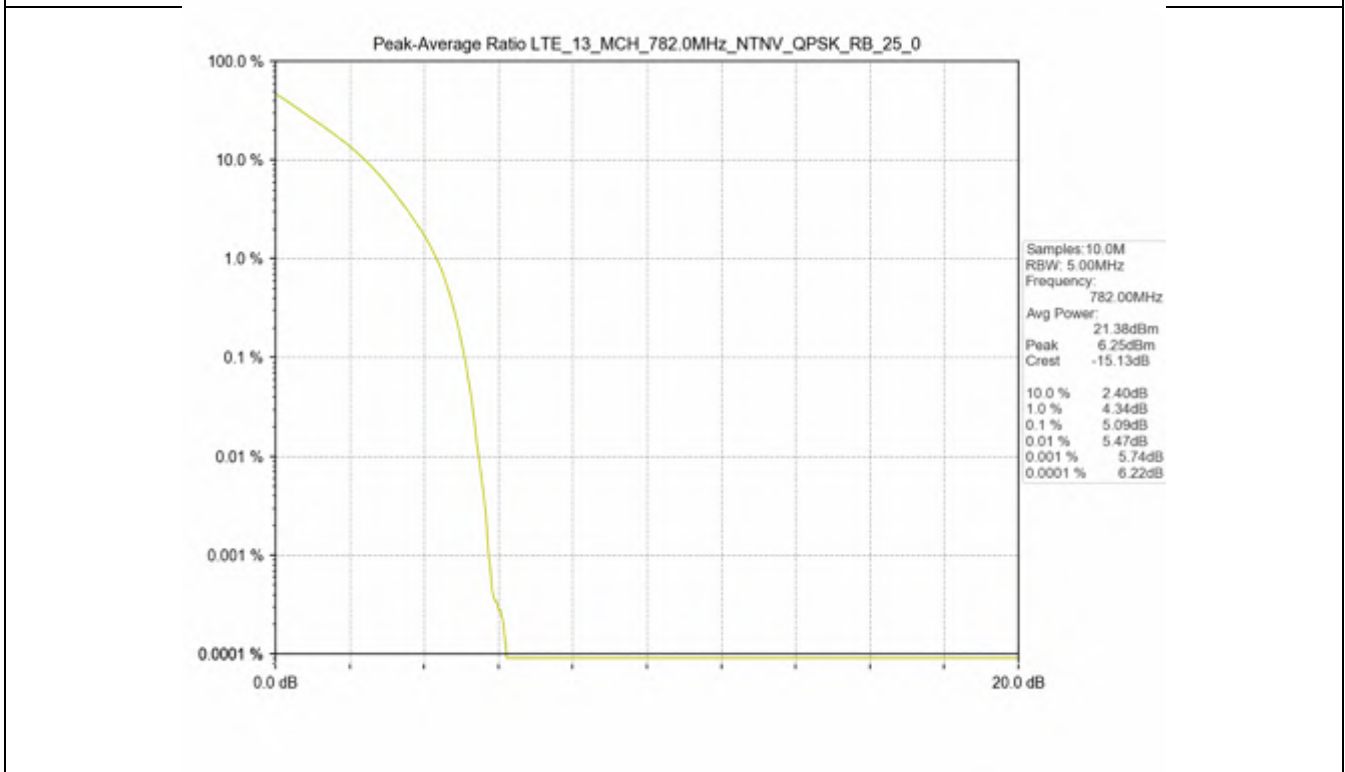
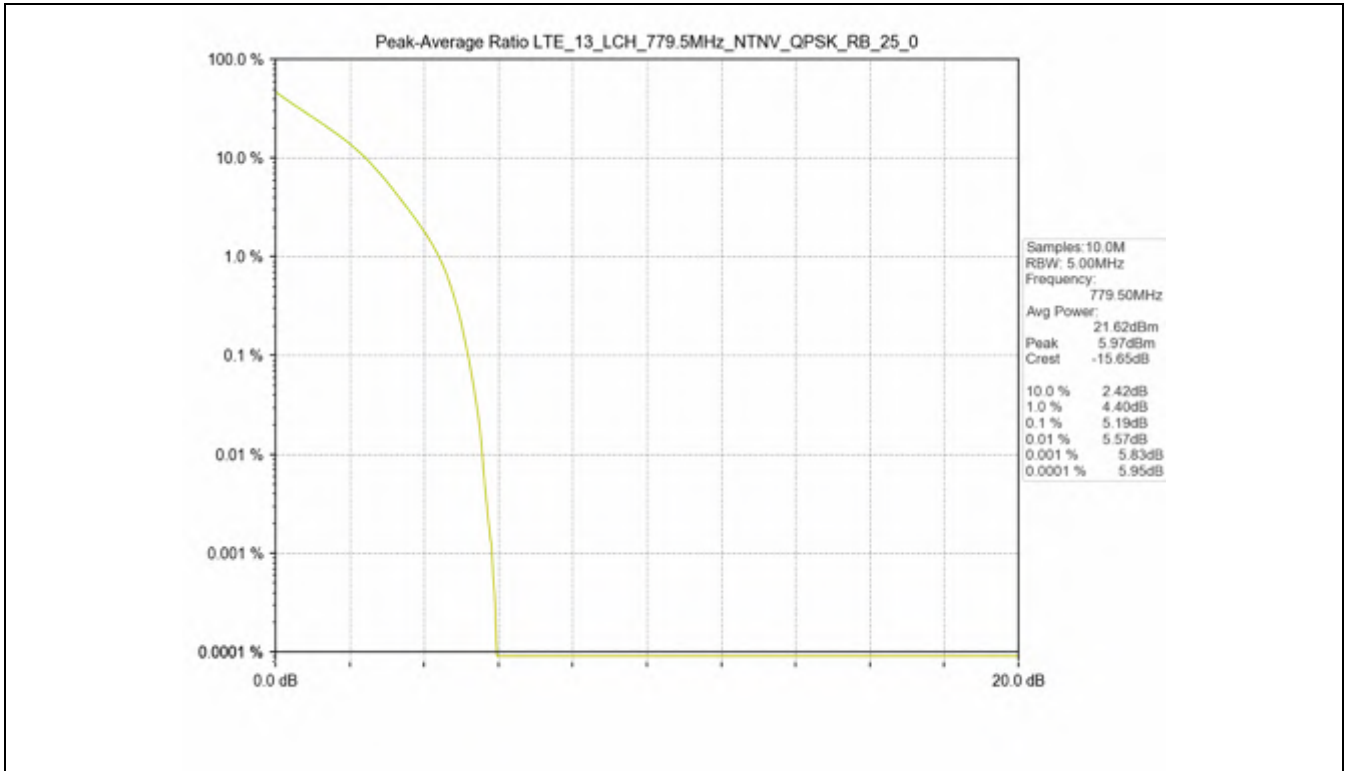
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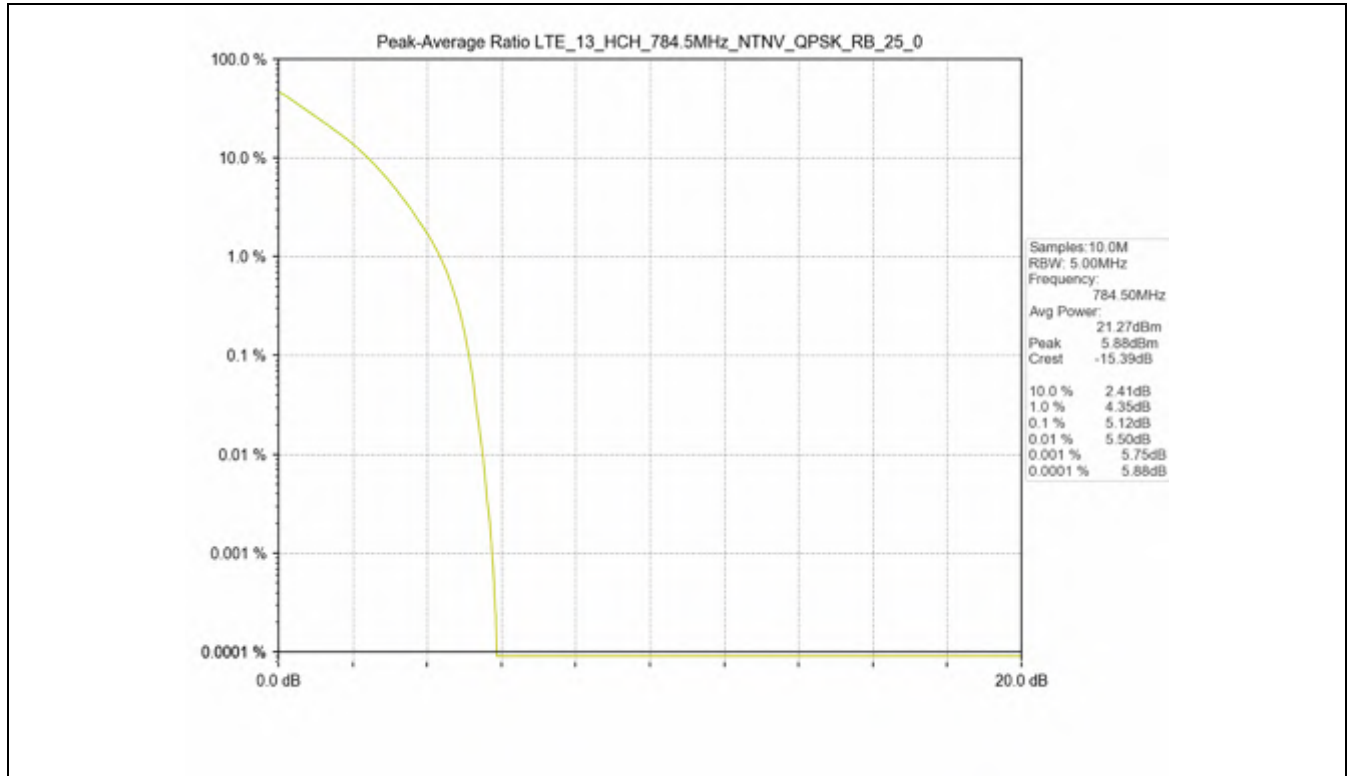
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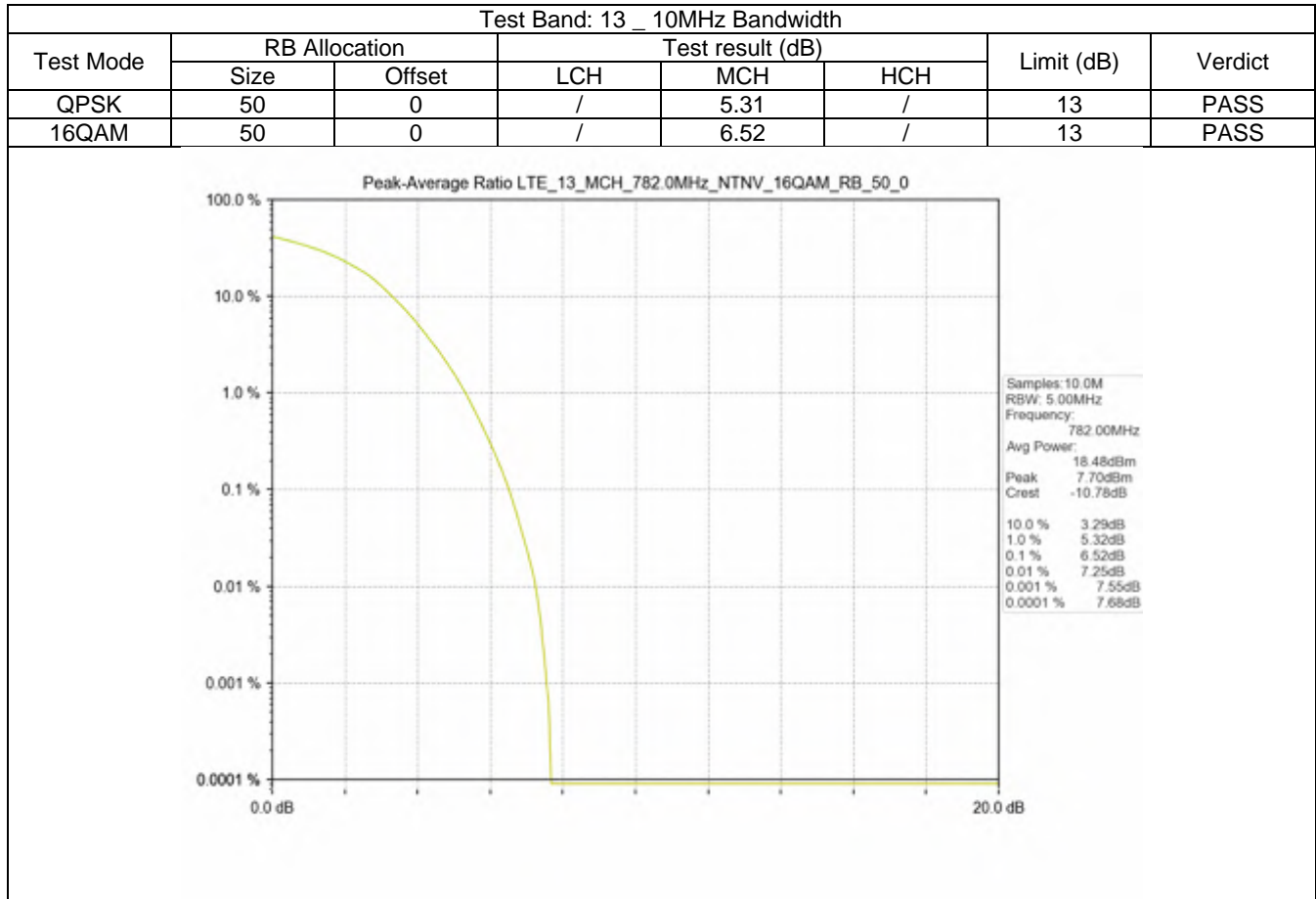


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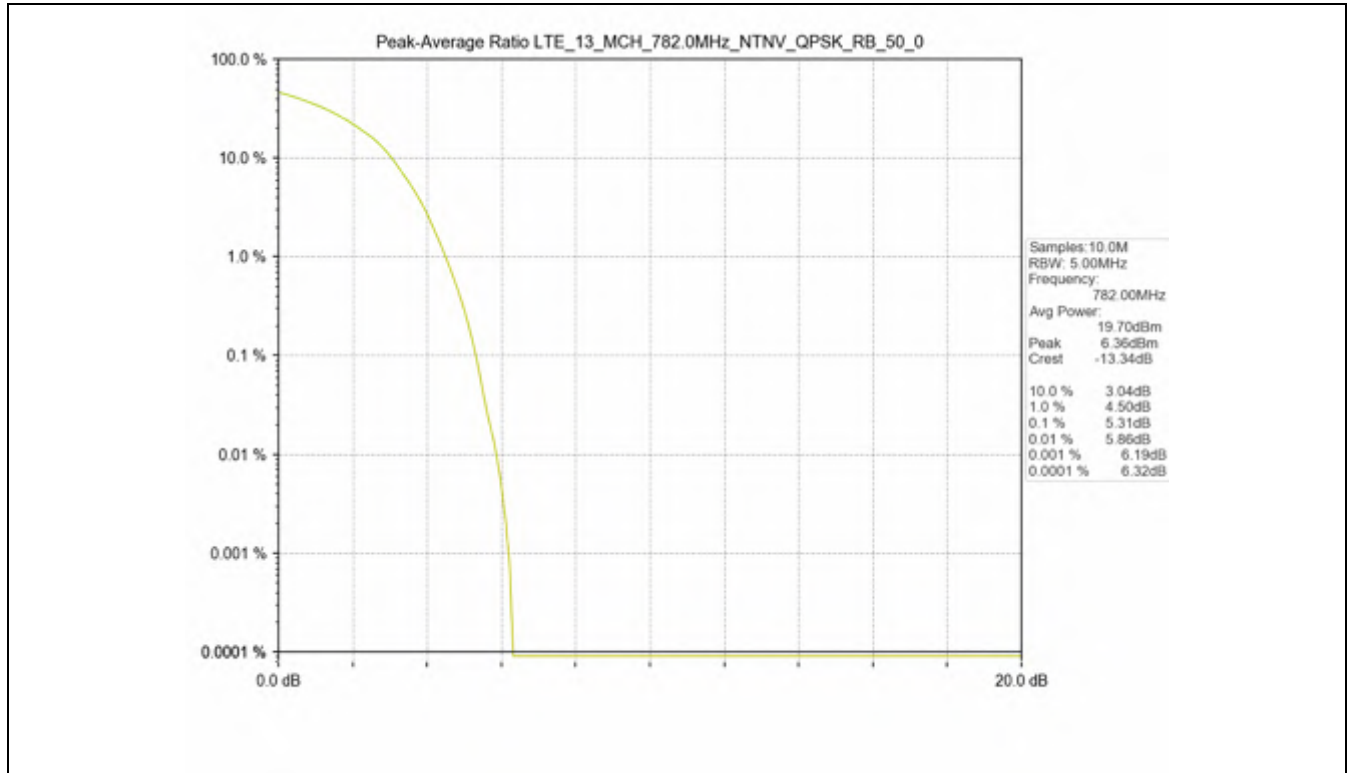




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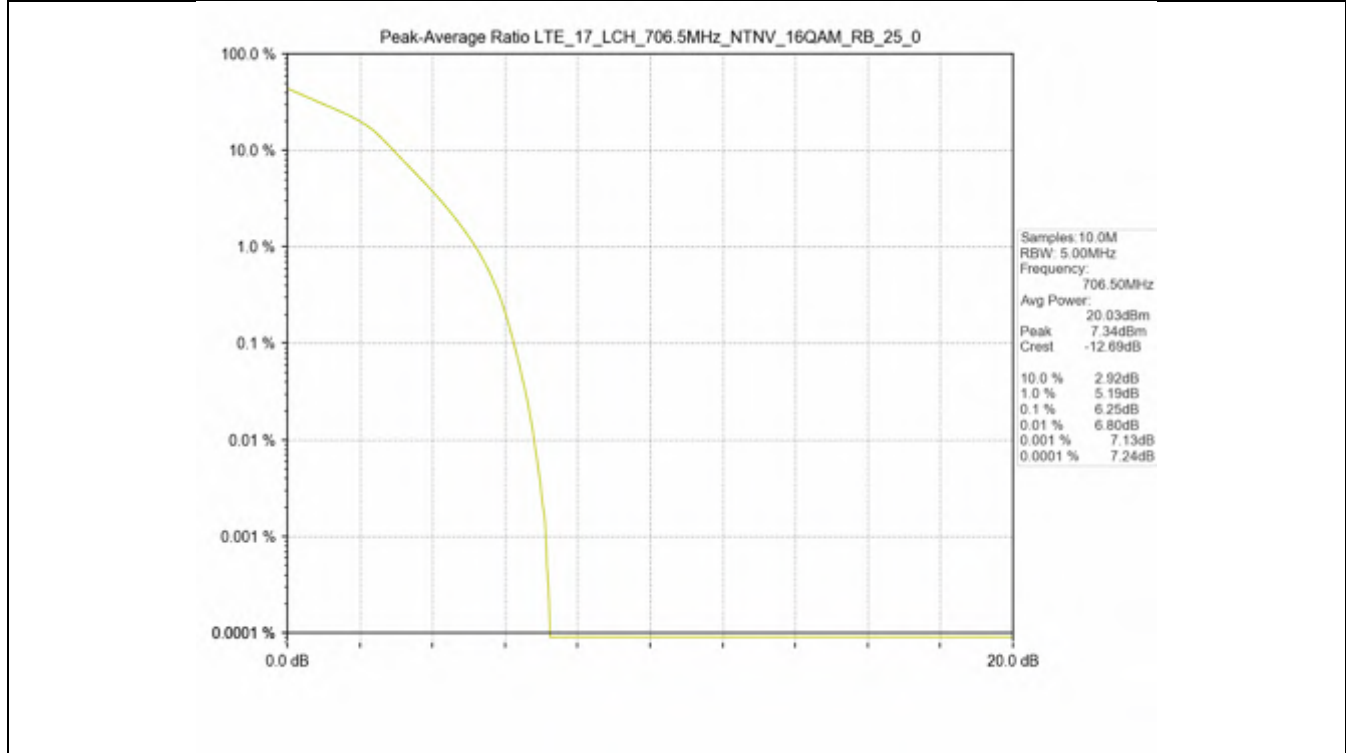
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LTE Band 17

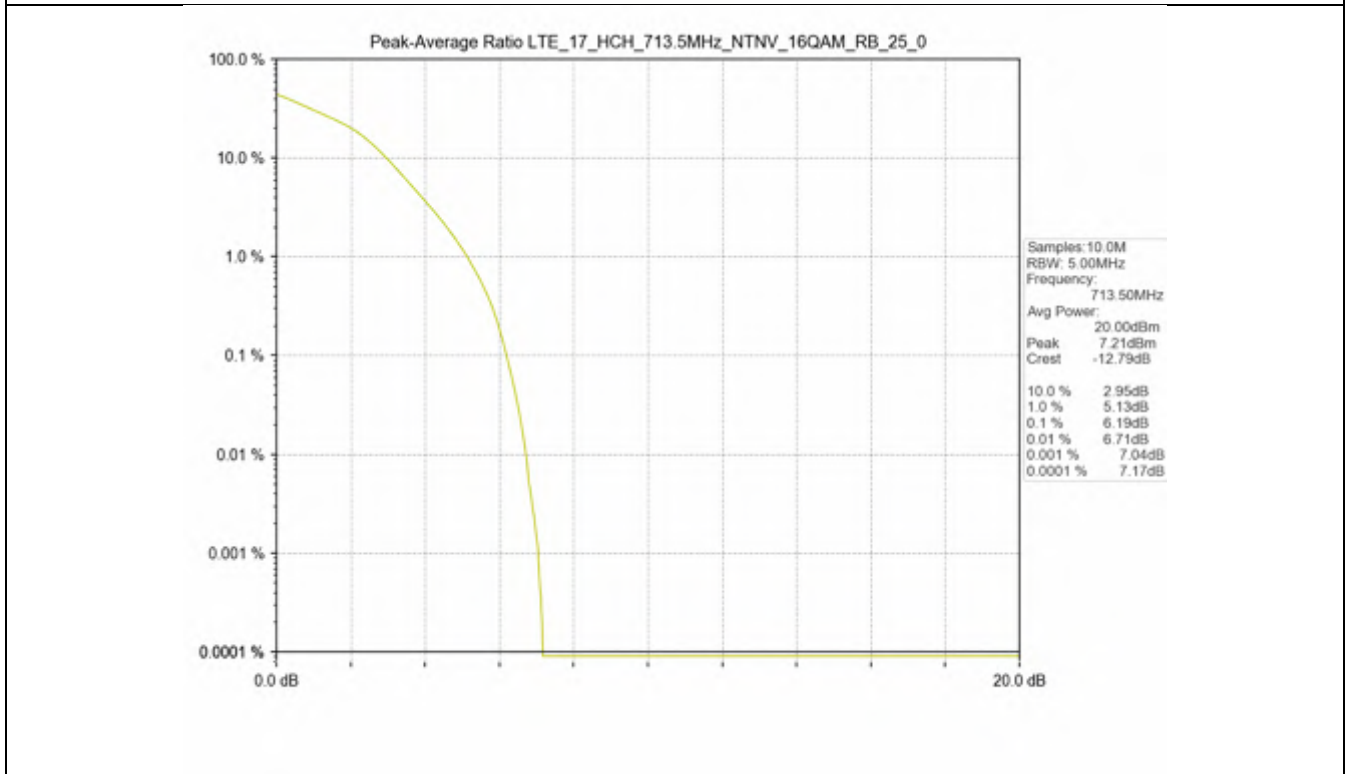
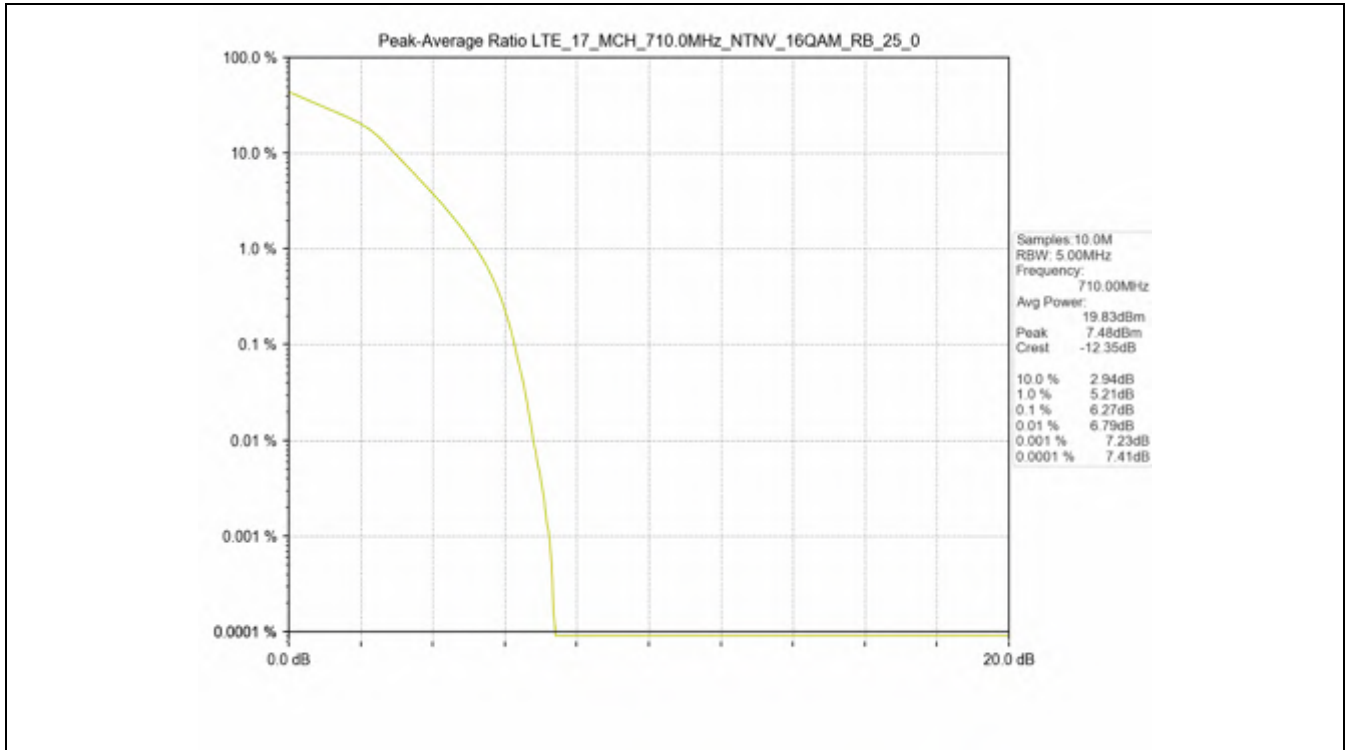
Test Band: 17 _ 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.37	5.43	5.34	13	PASS
16QAM	25	0	6.25	6.27	6.19	13	PASS



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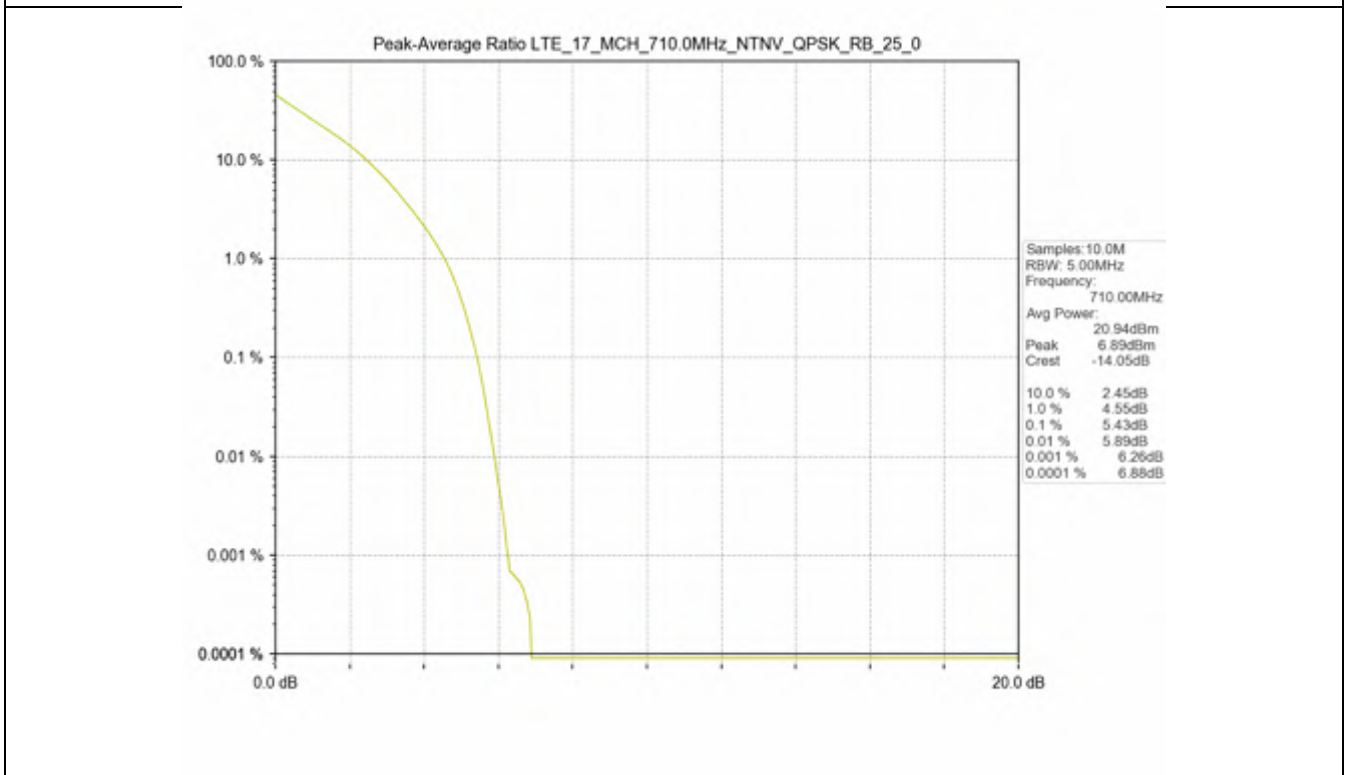
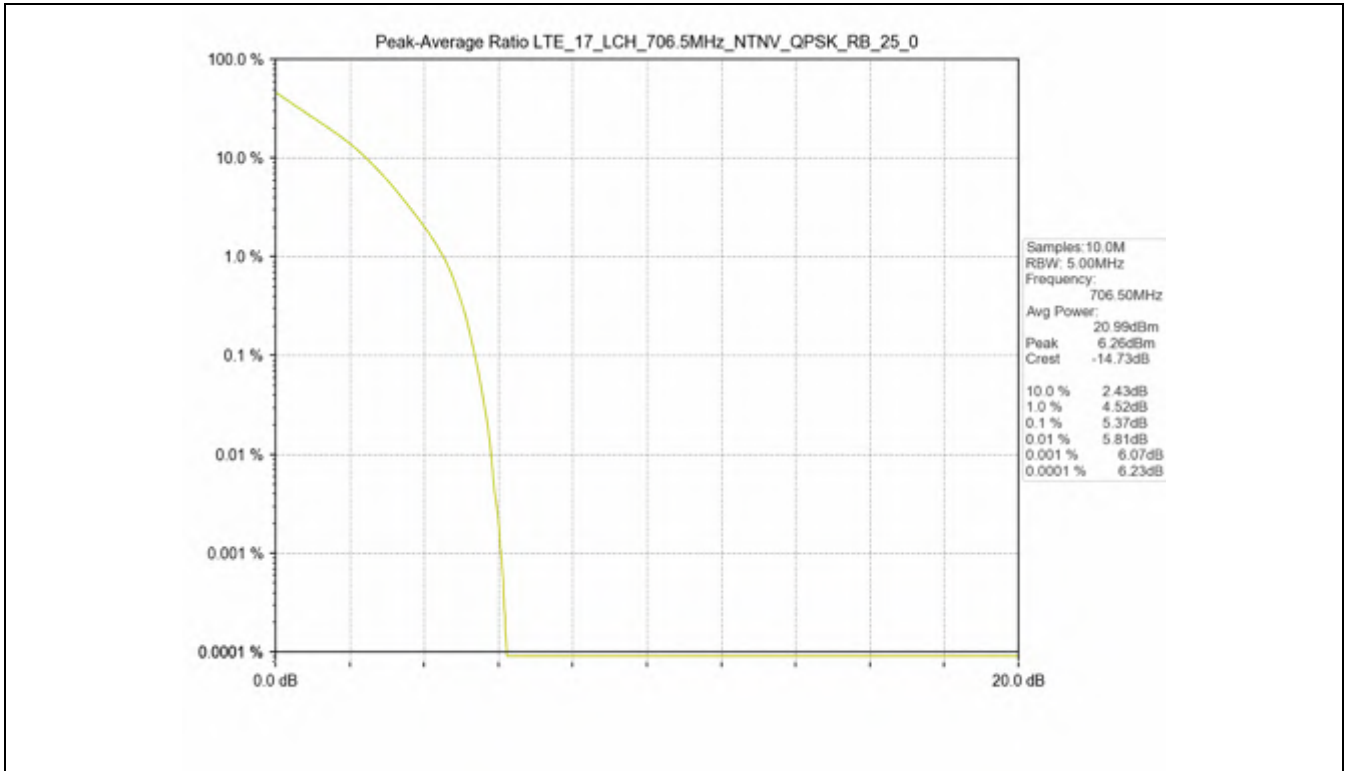
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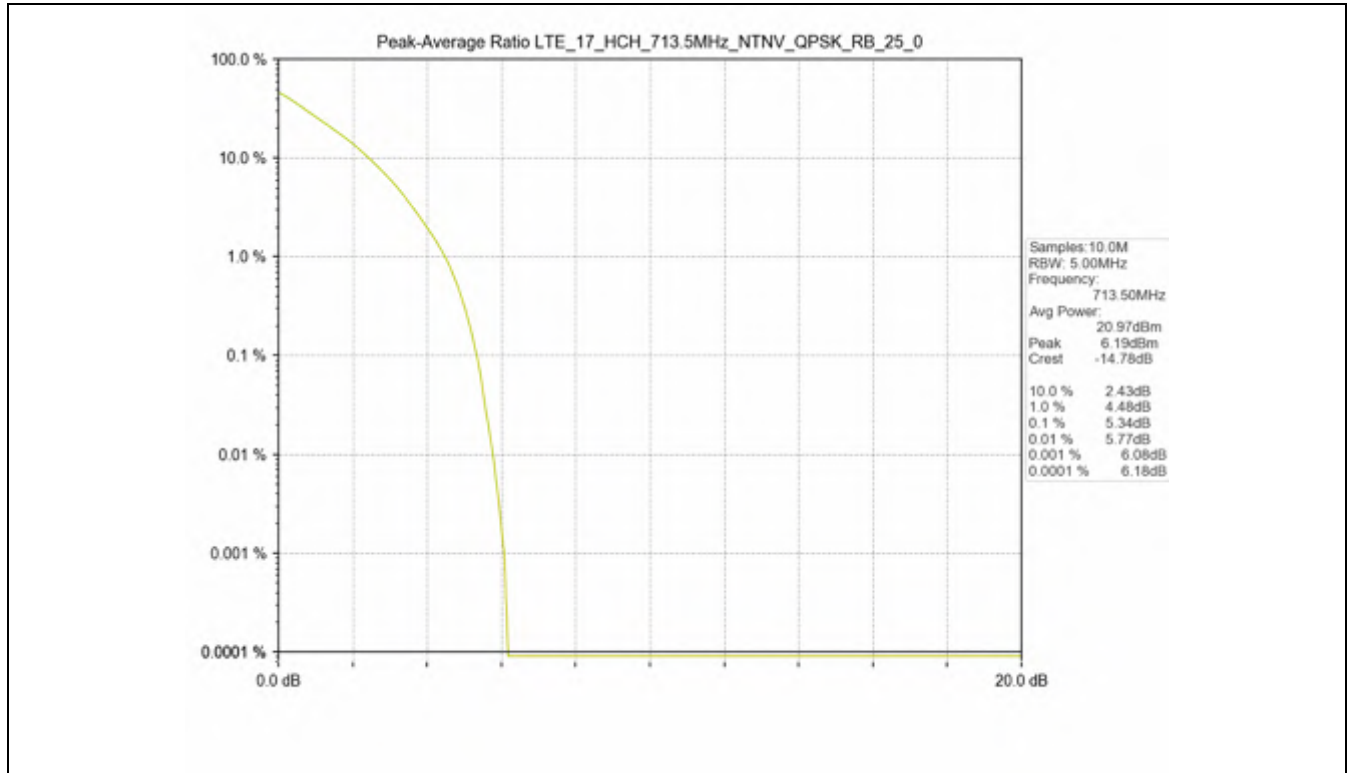
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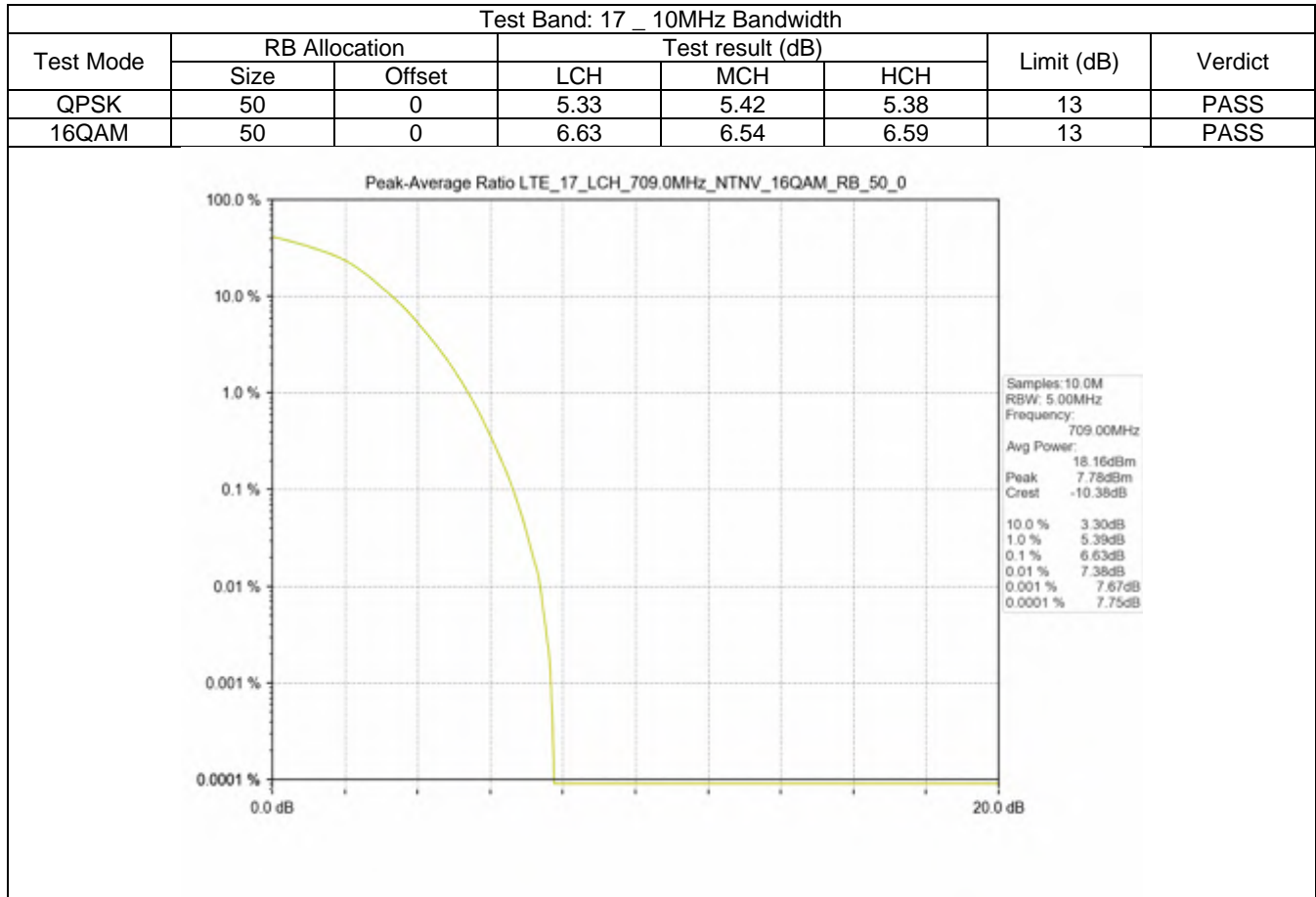
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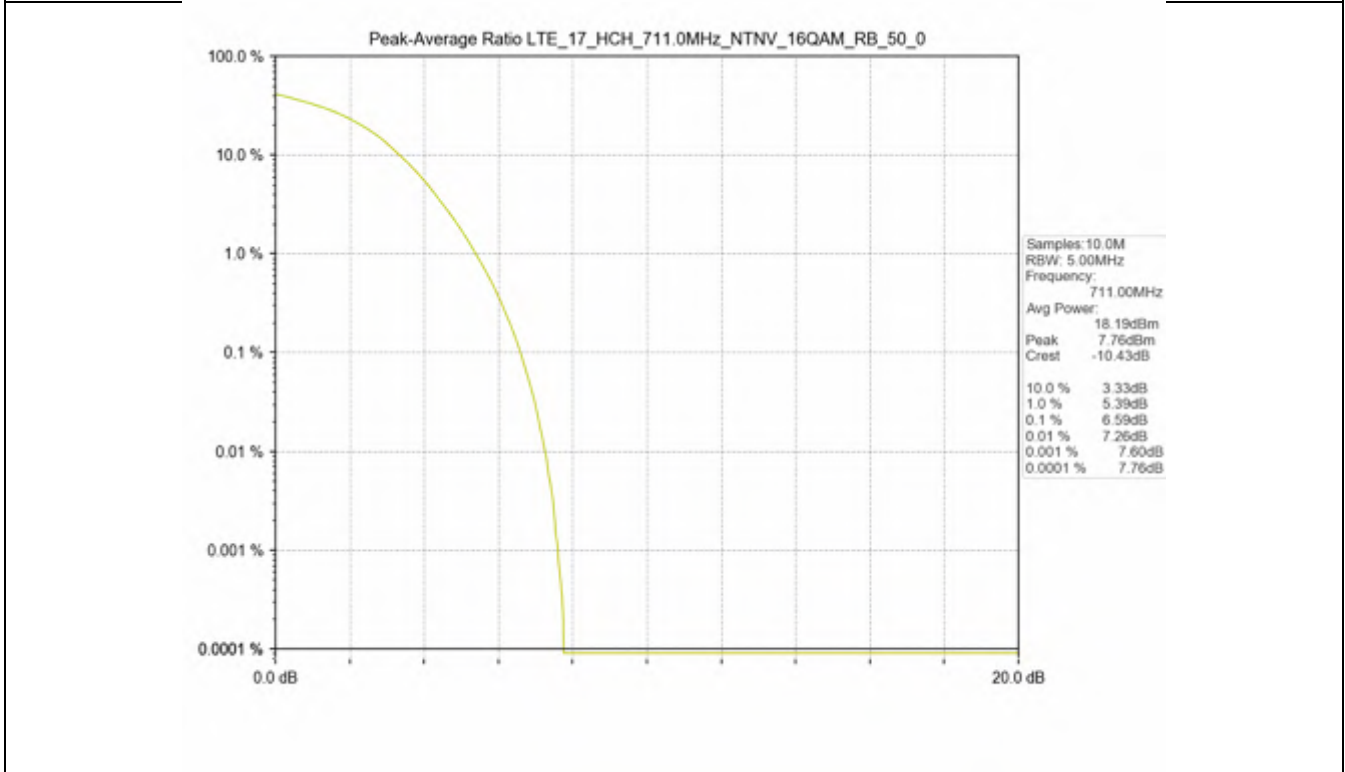
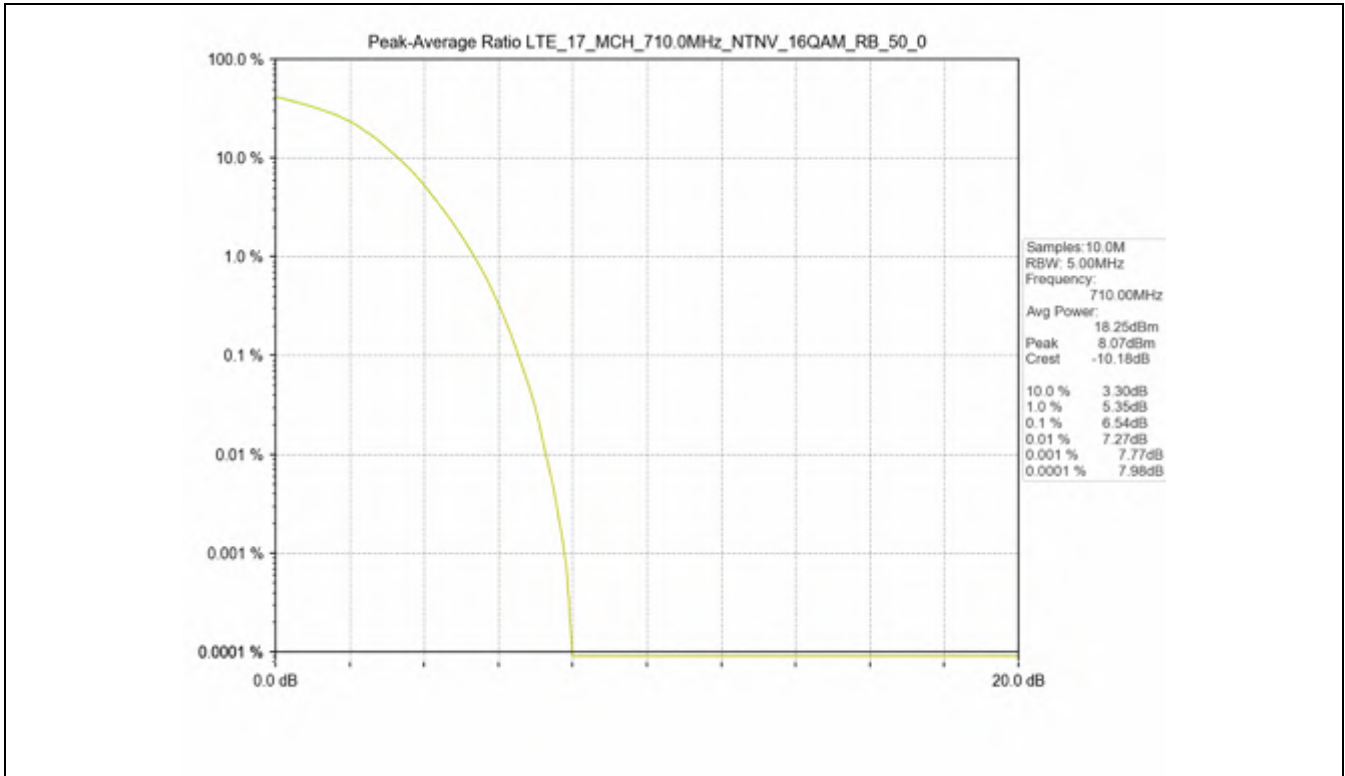


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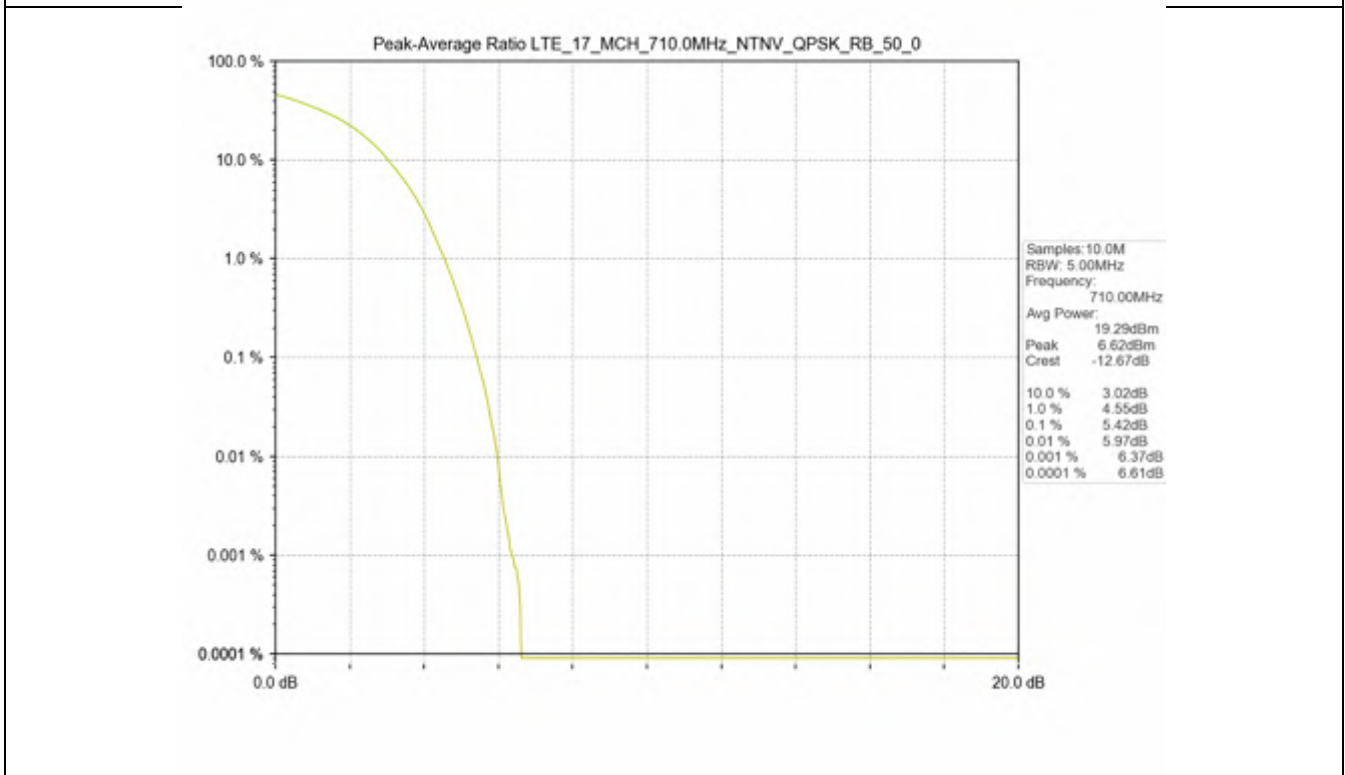
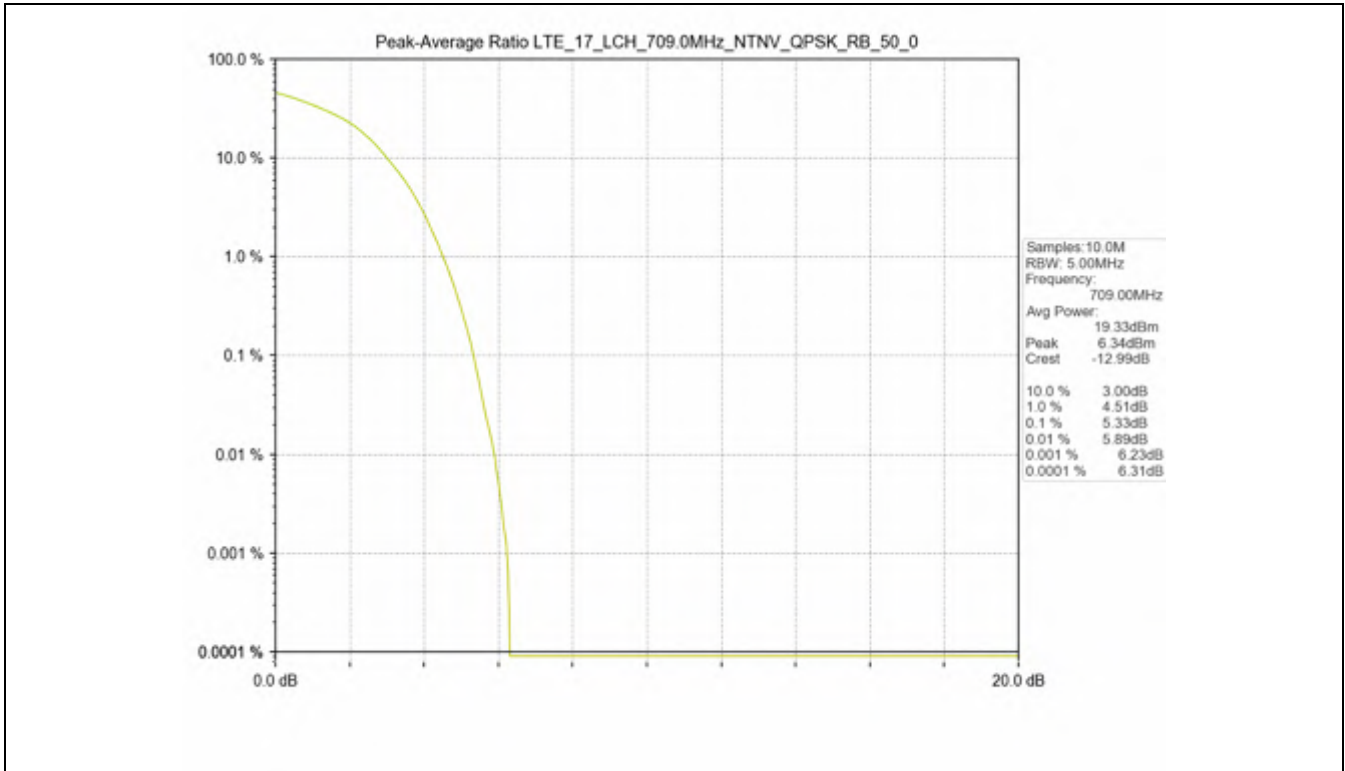


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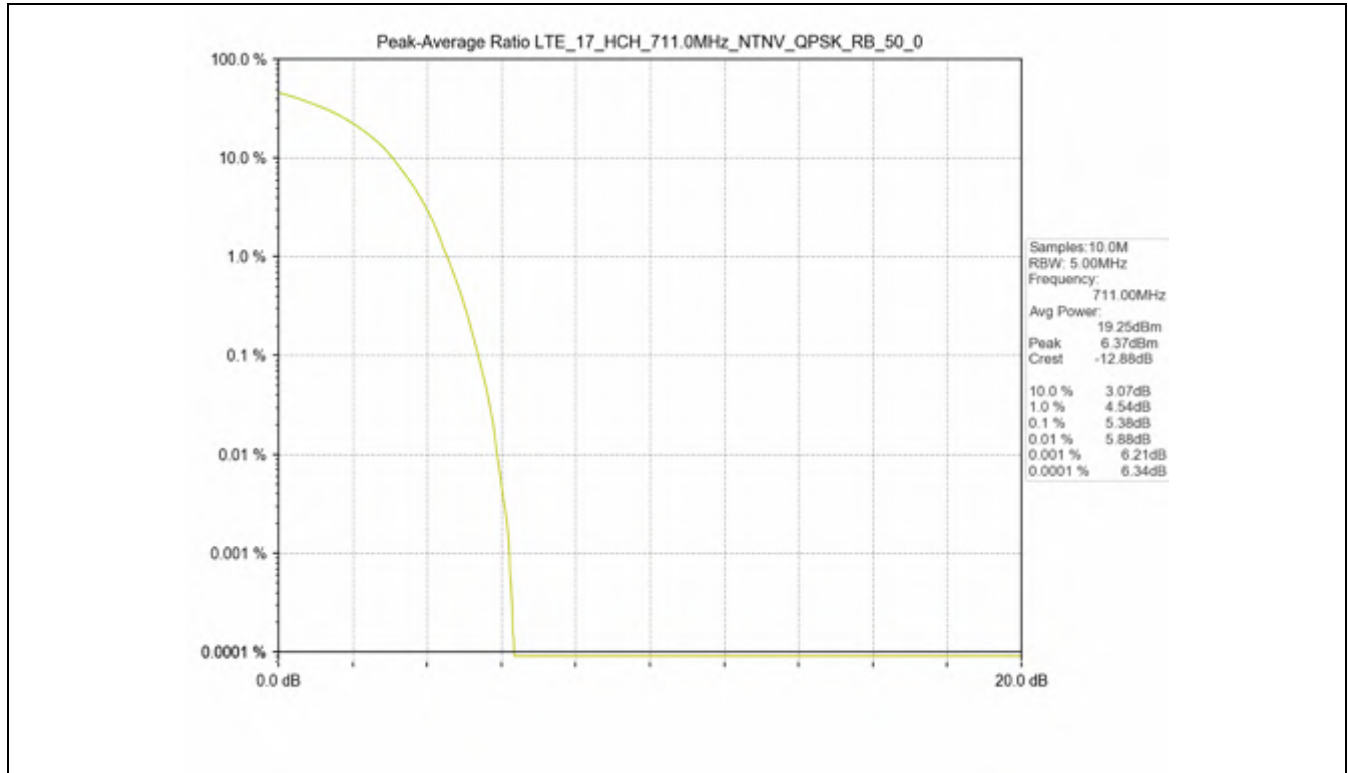




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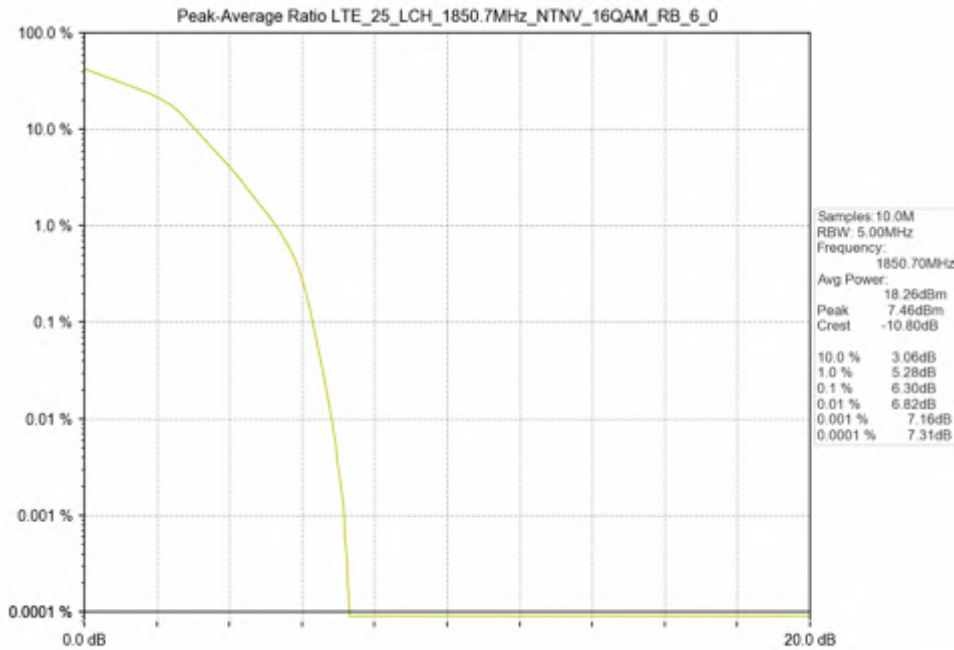
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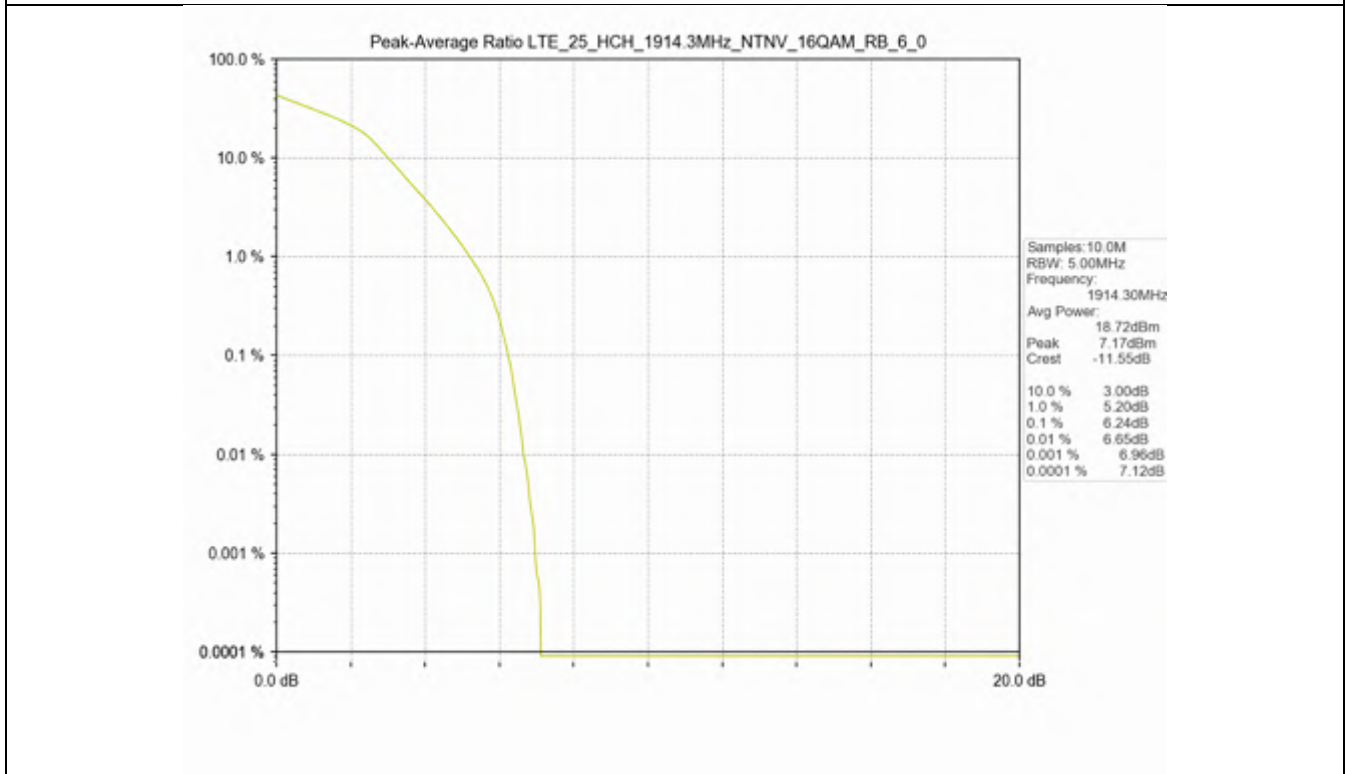
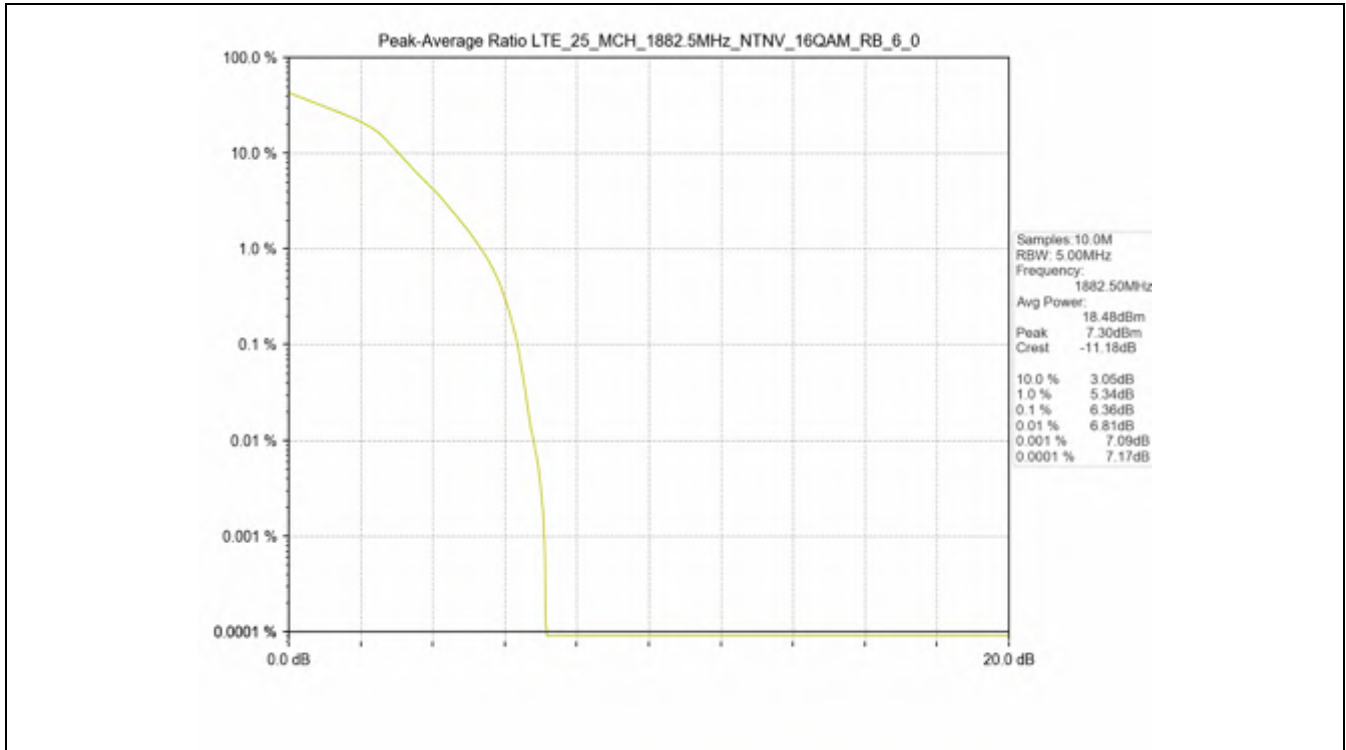
LTE Band 25

Test Band: 25 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.45	5.50	5.35	13	PASS
16QAM	6	0	6.30	6.36	6.24	13	PASS



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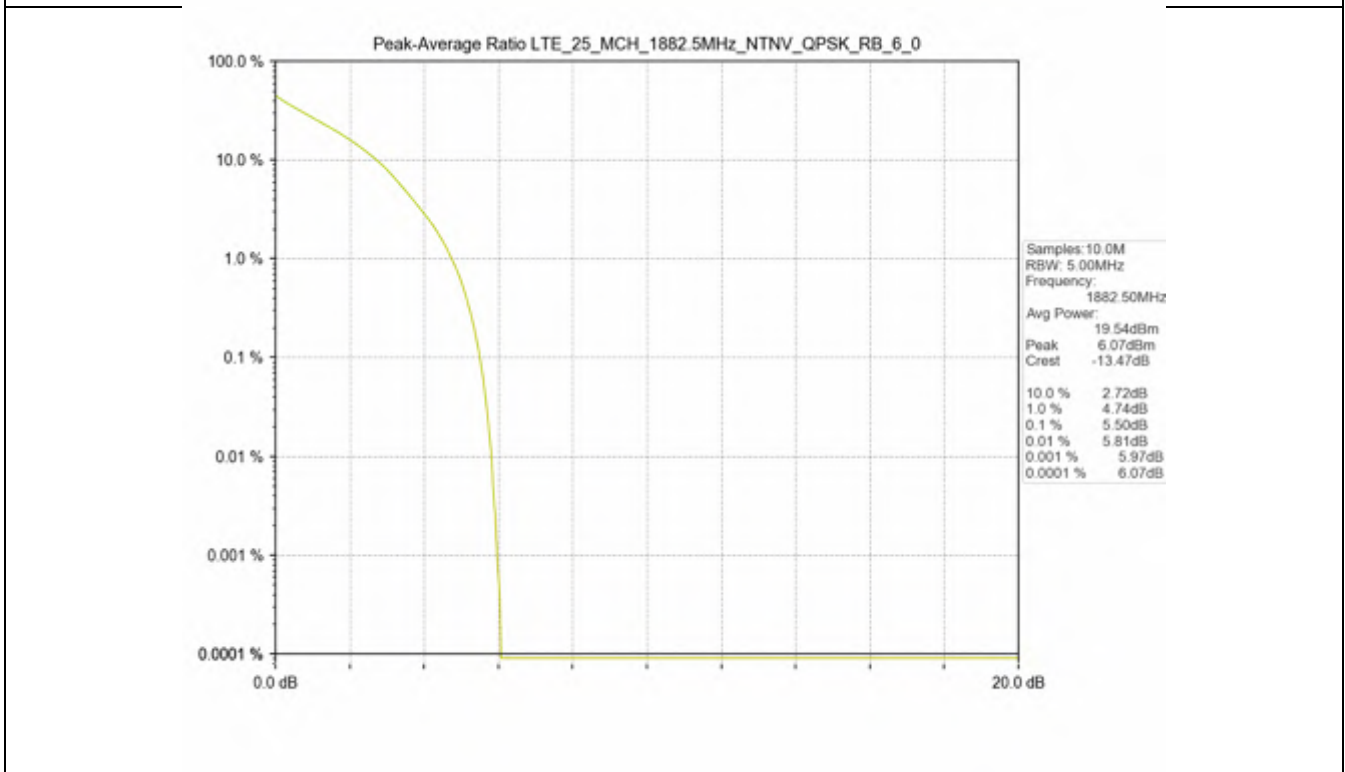
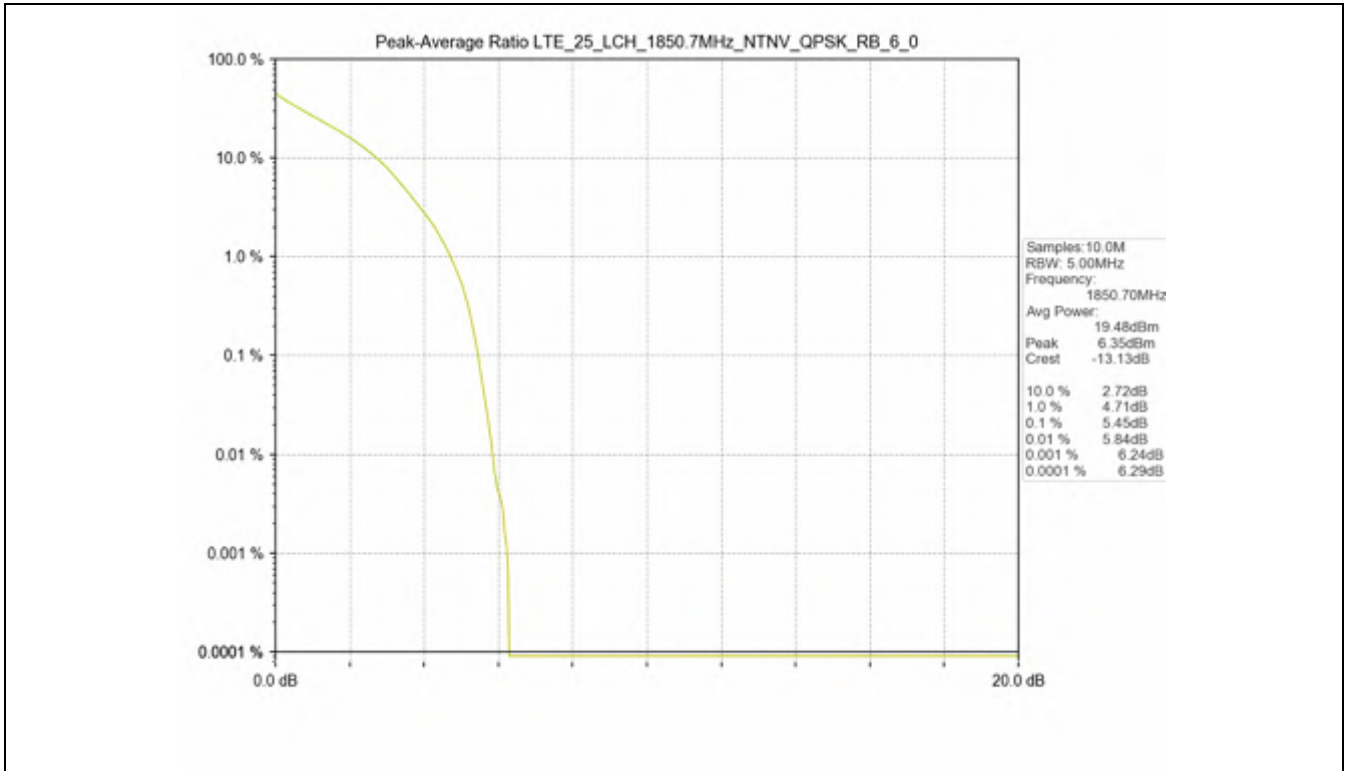
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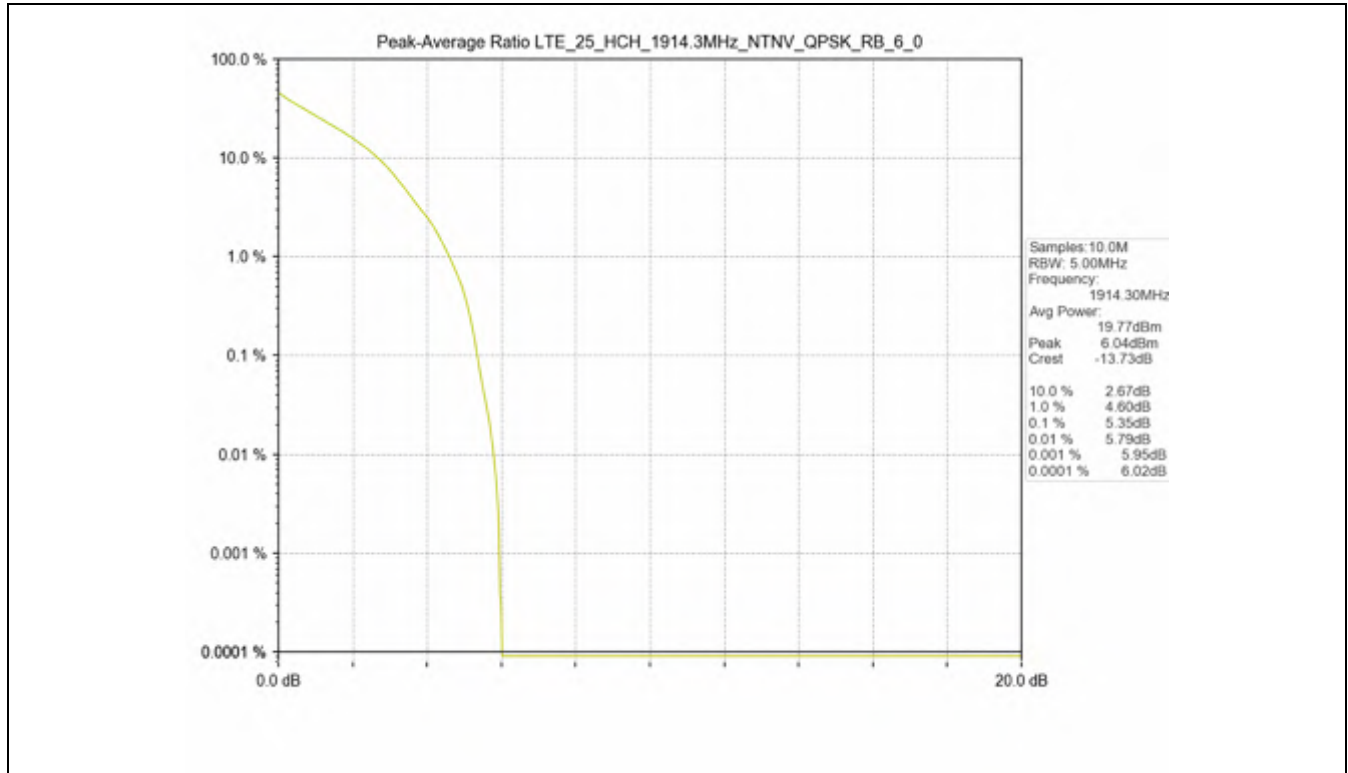
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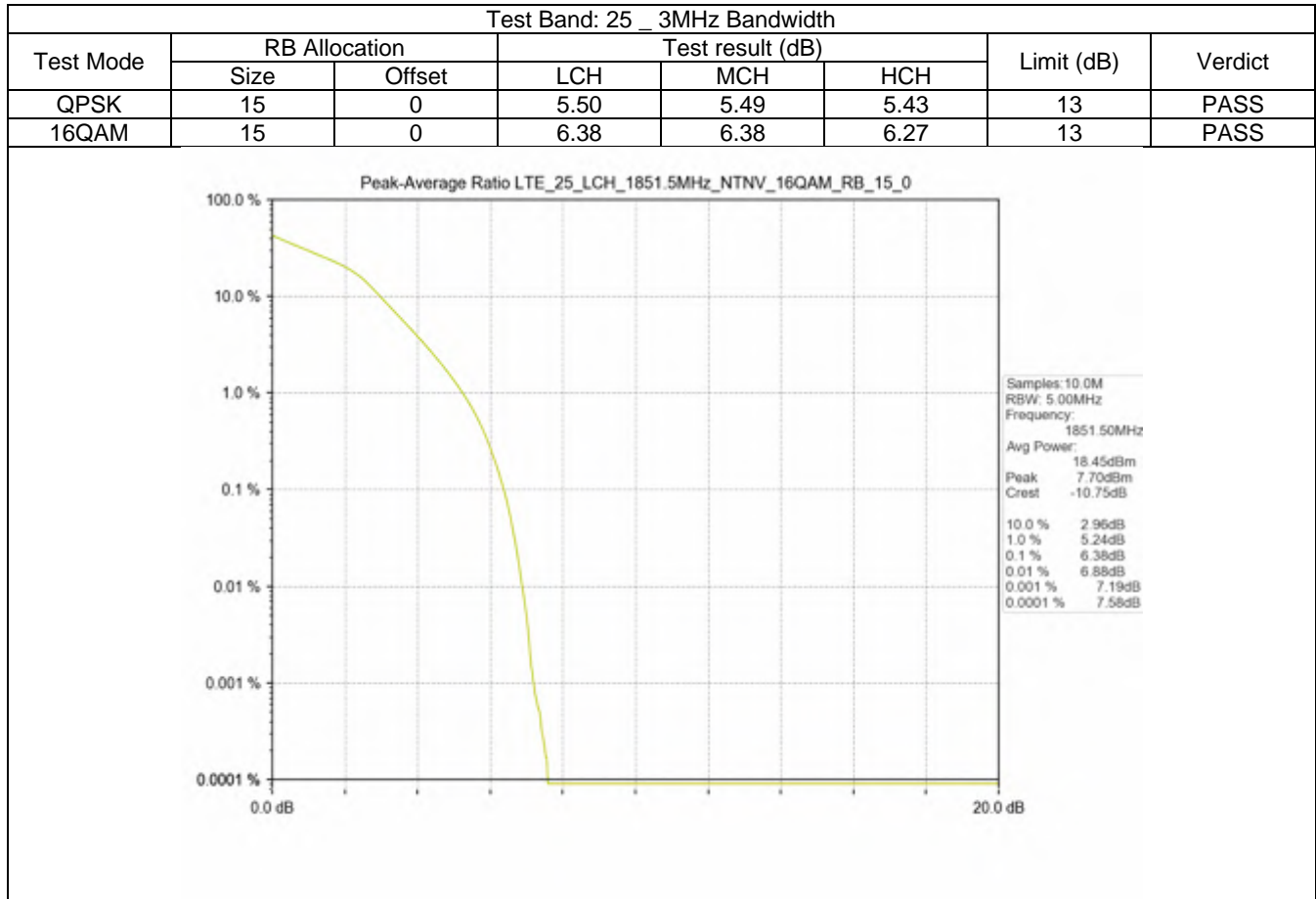
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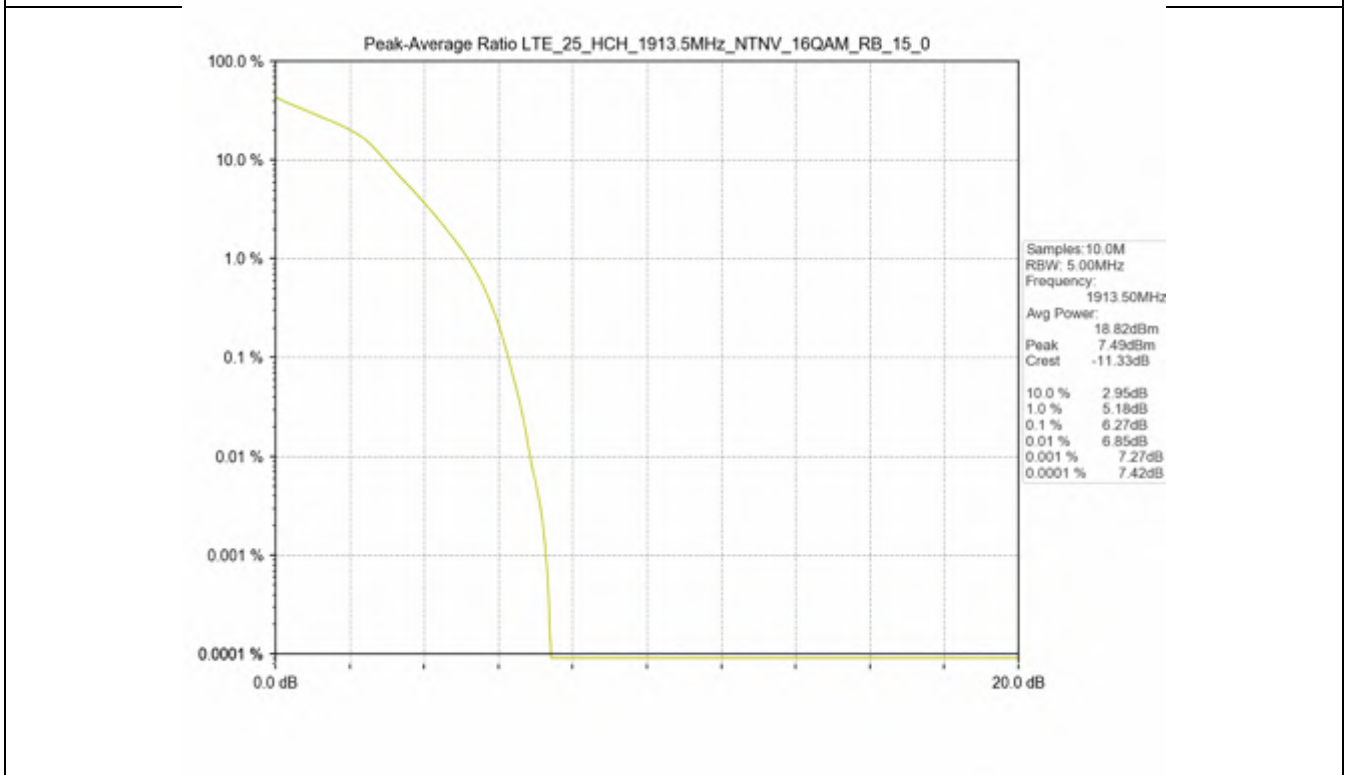
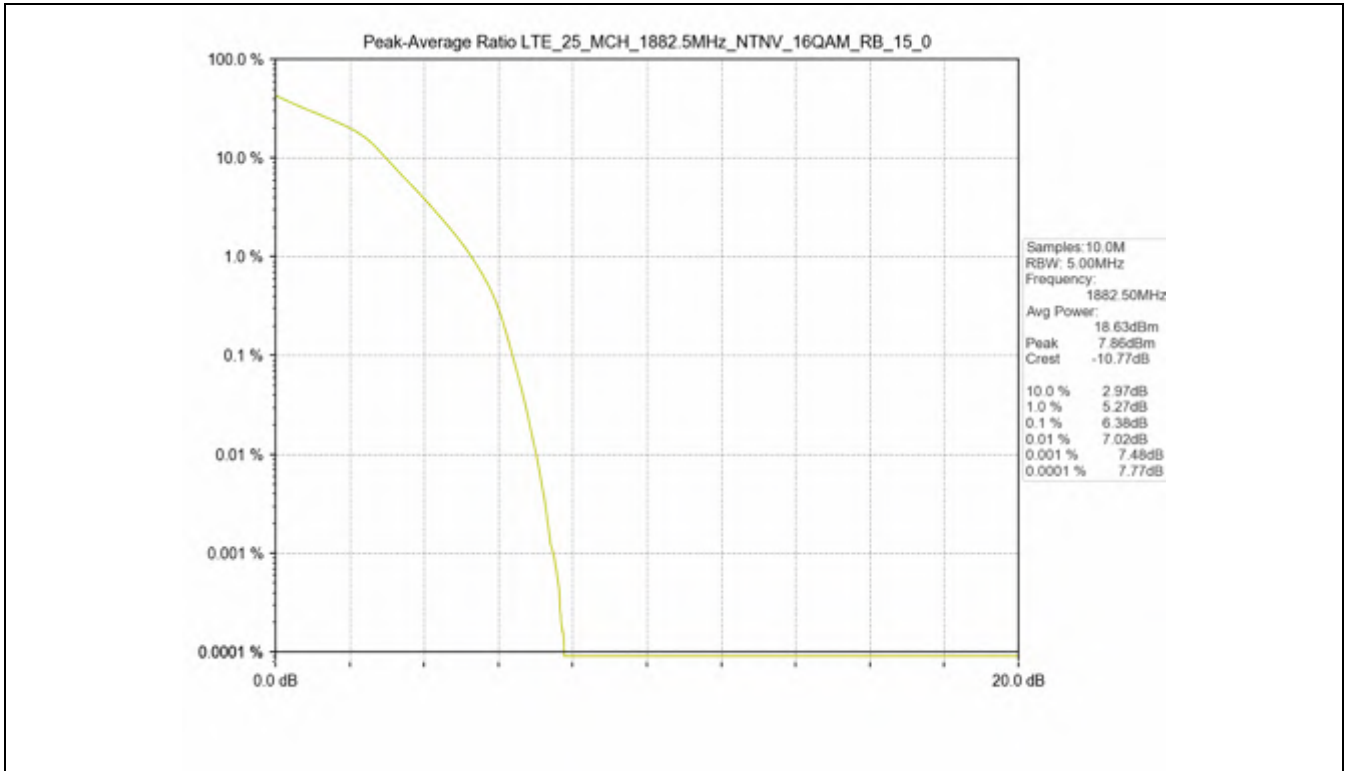
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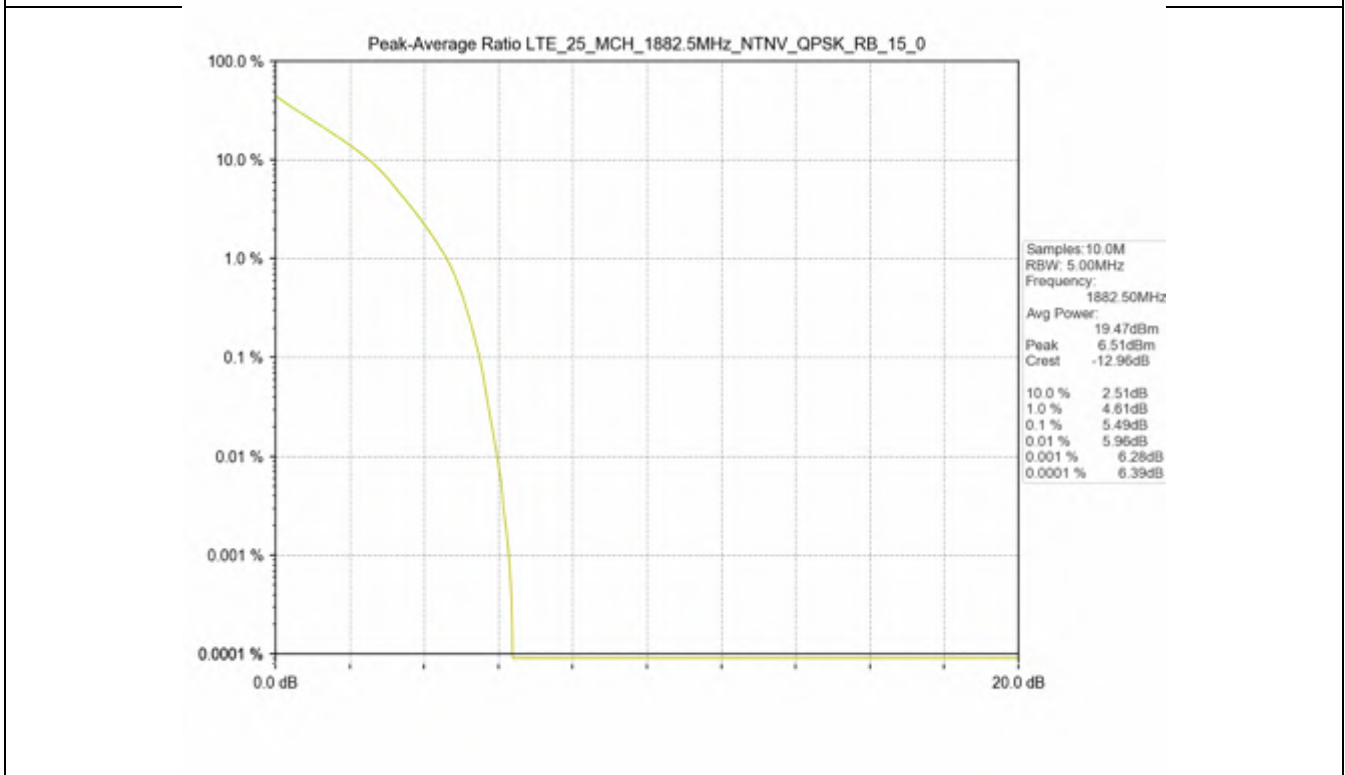
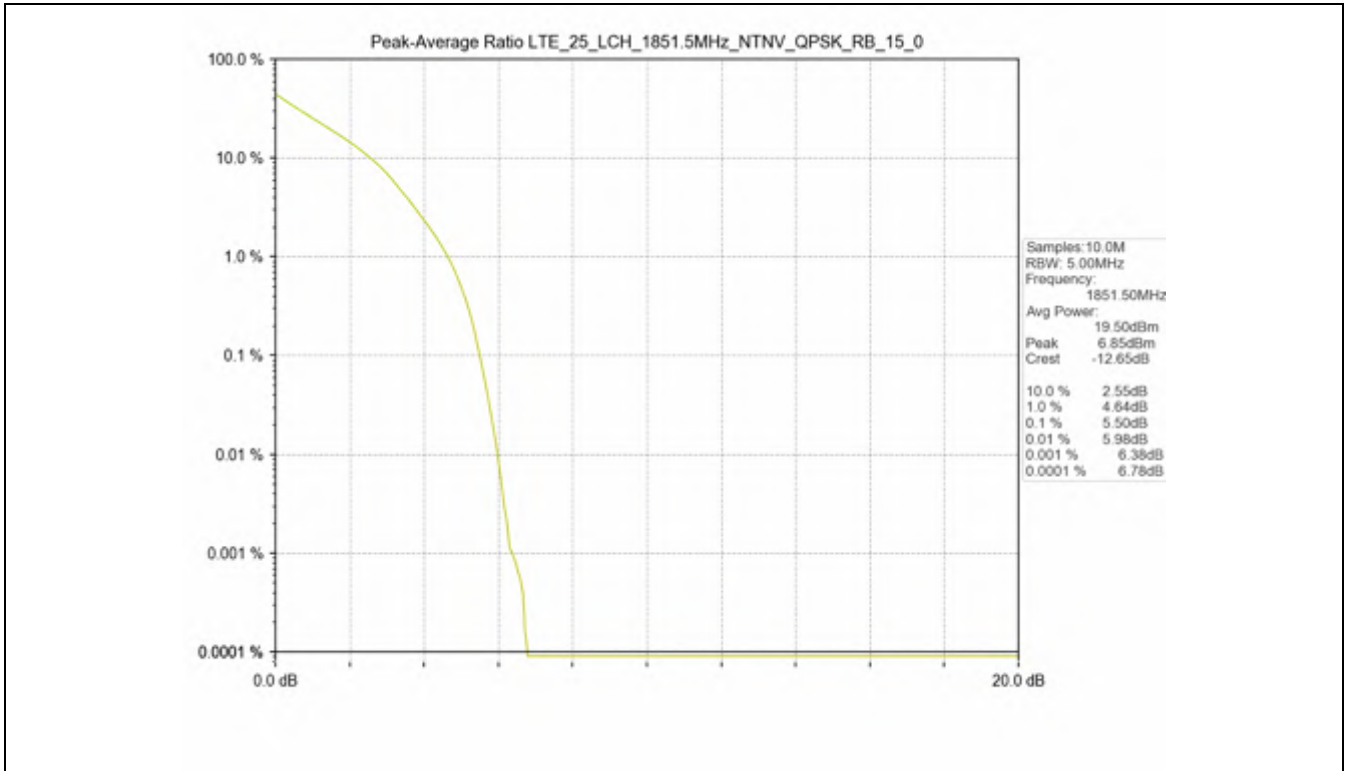


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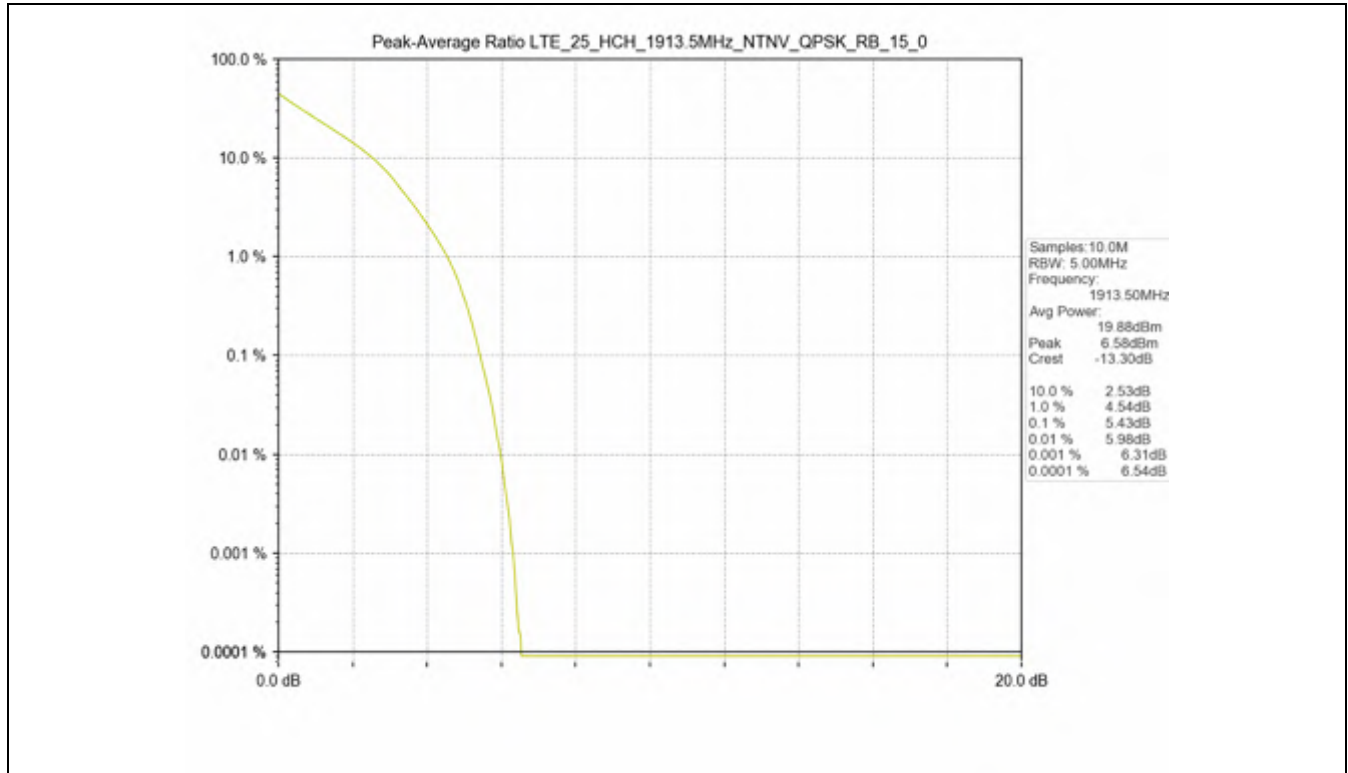




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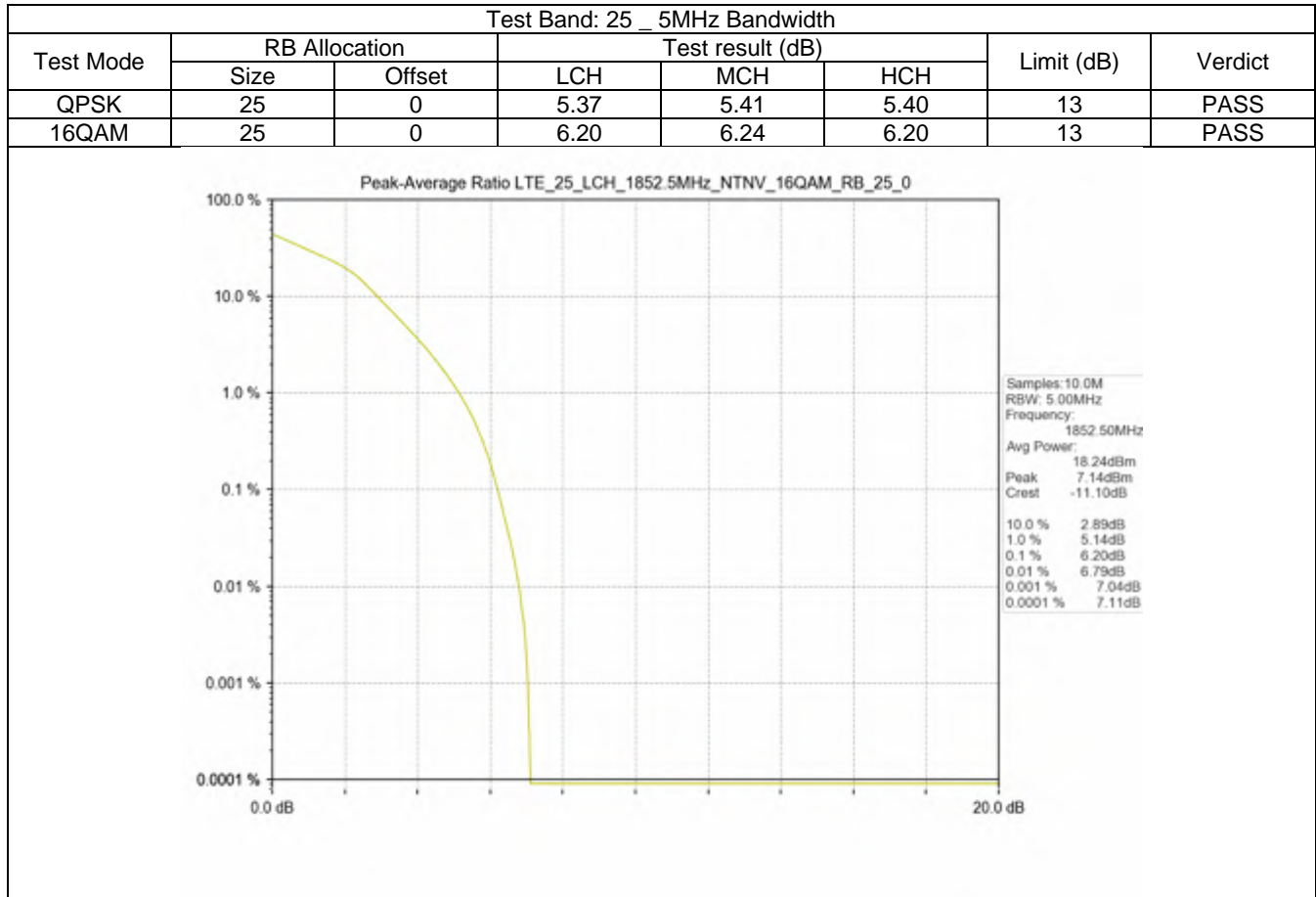
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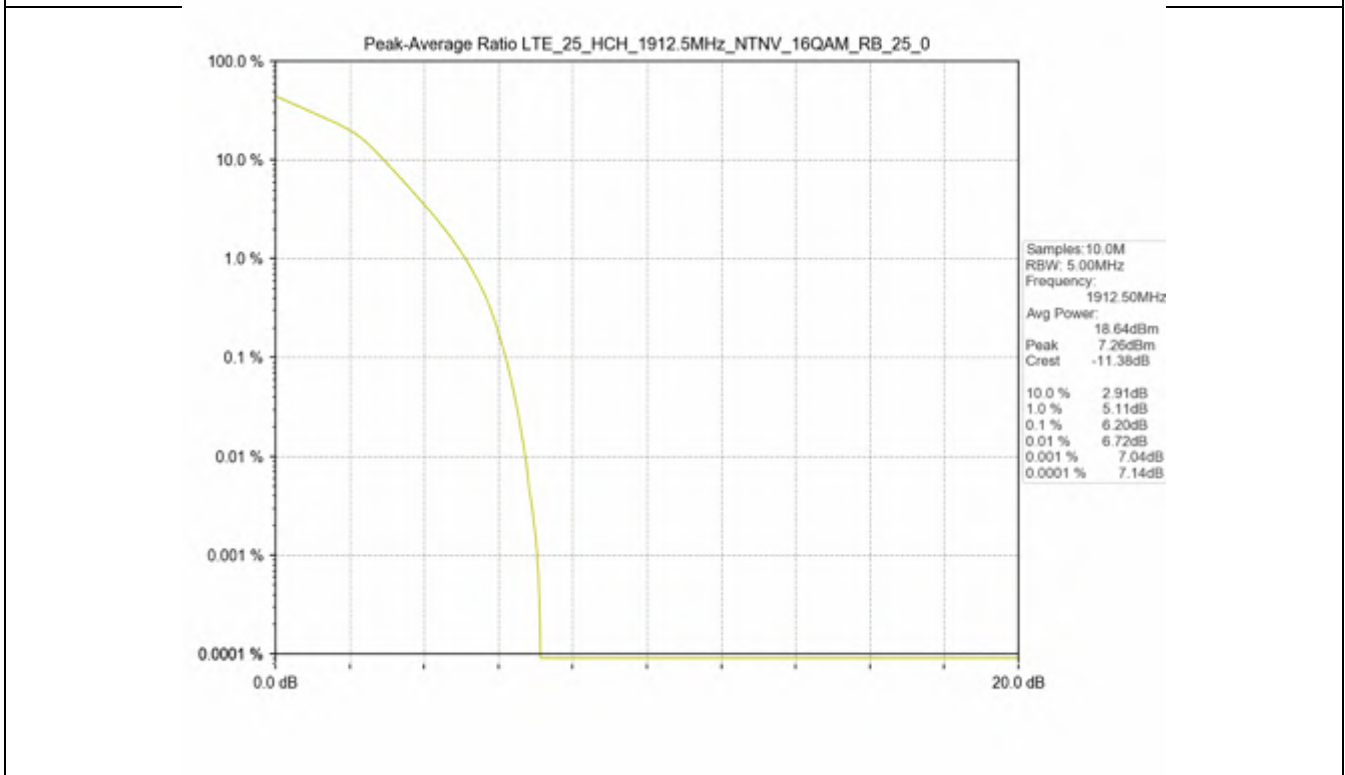
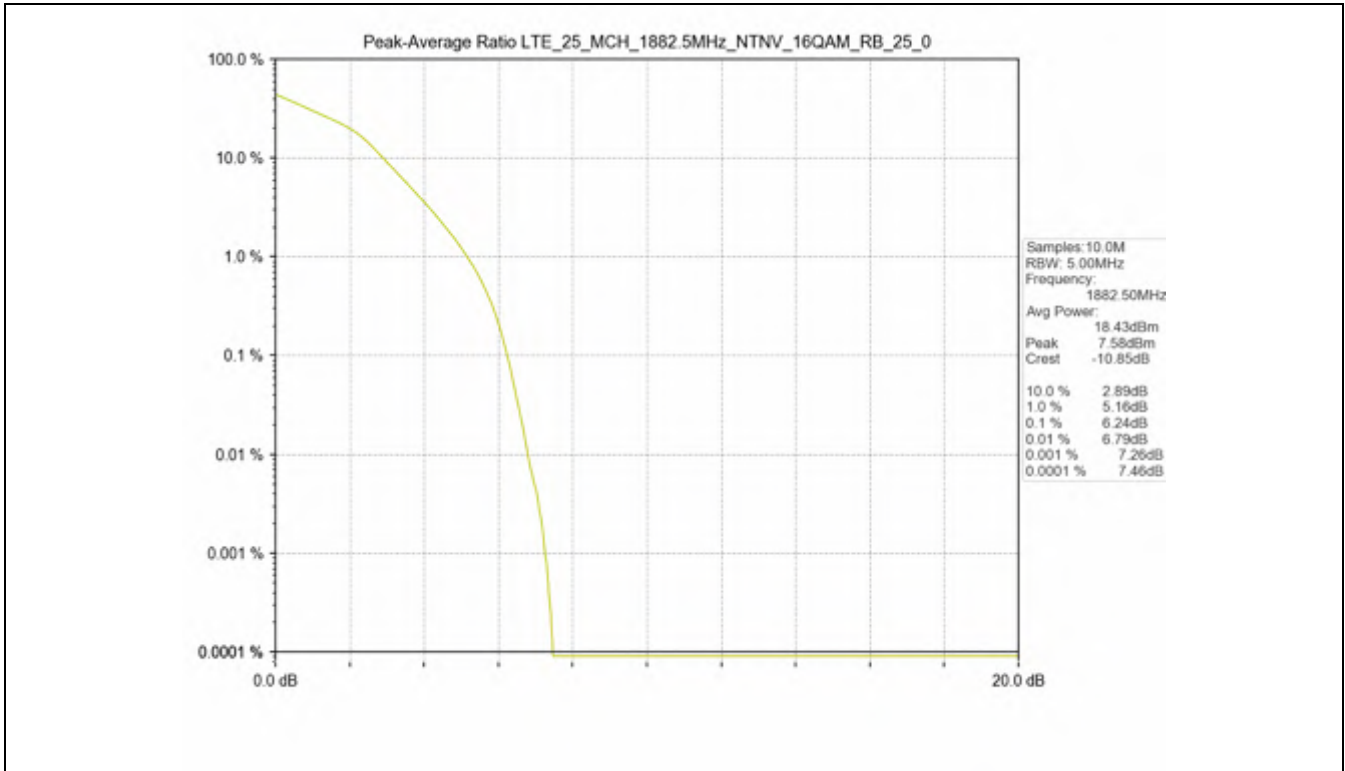
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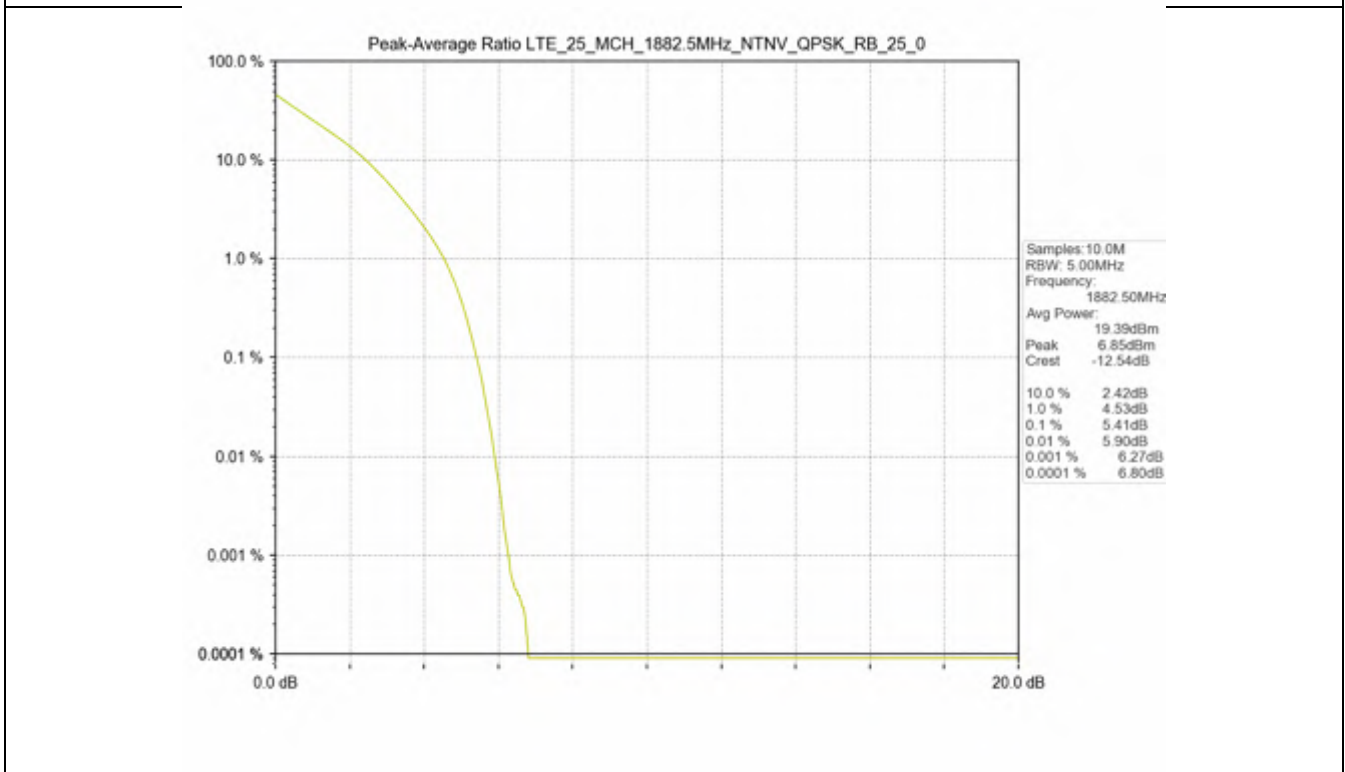
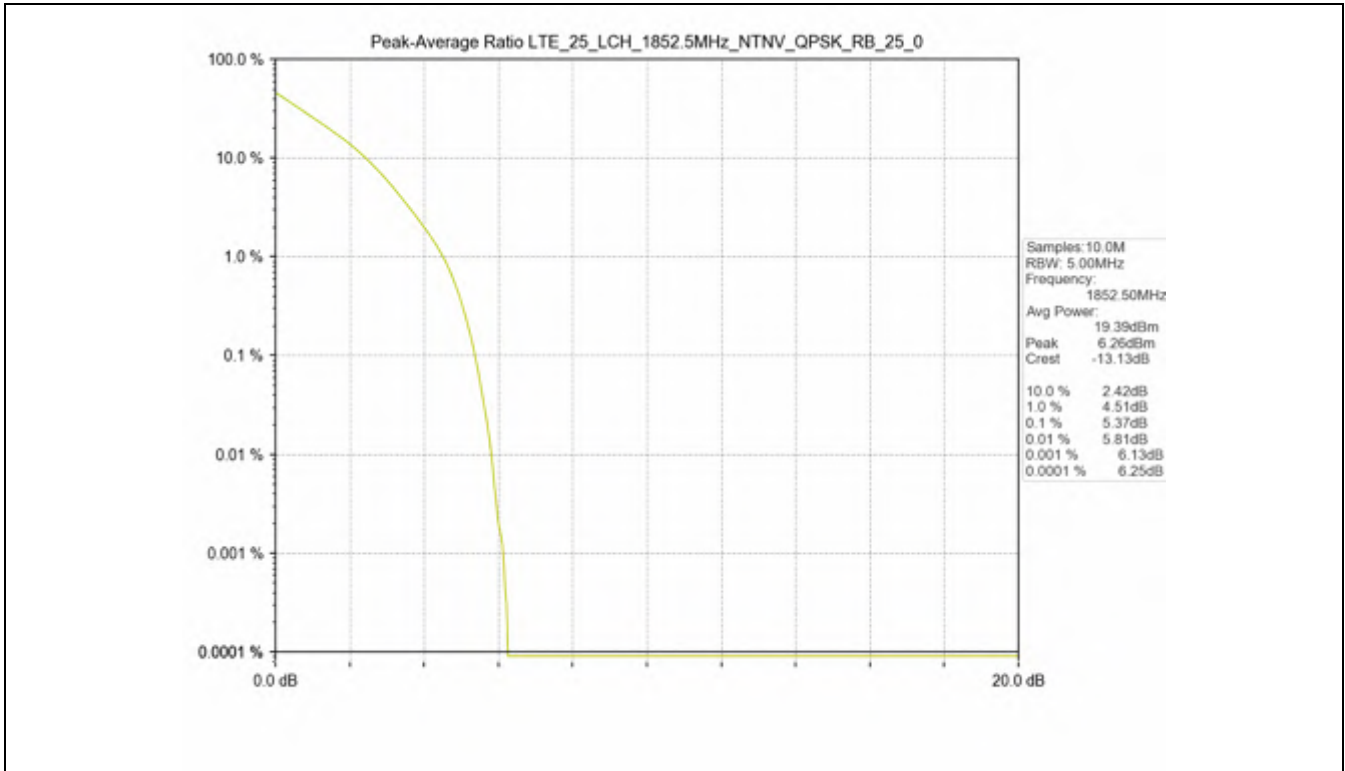
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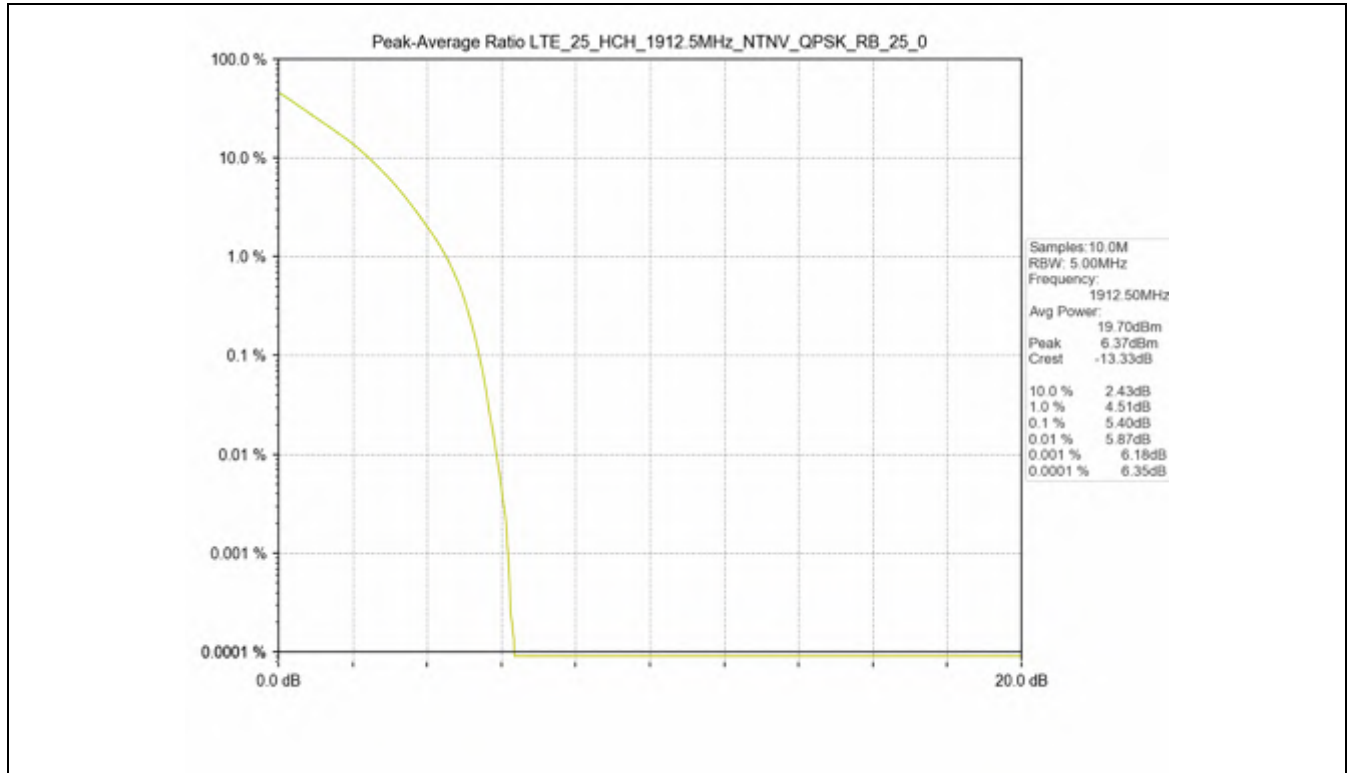
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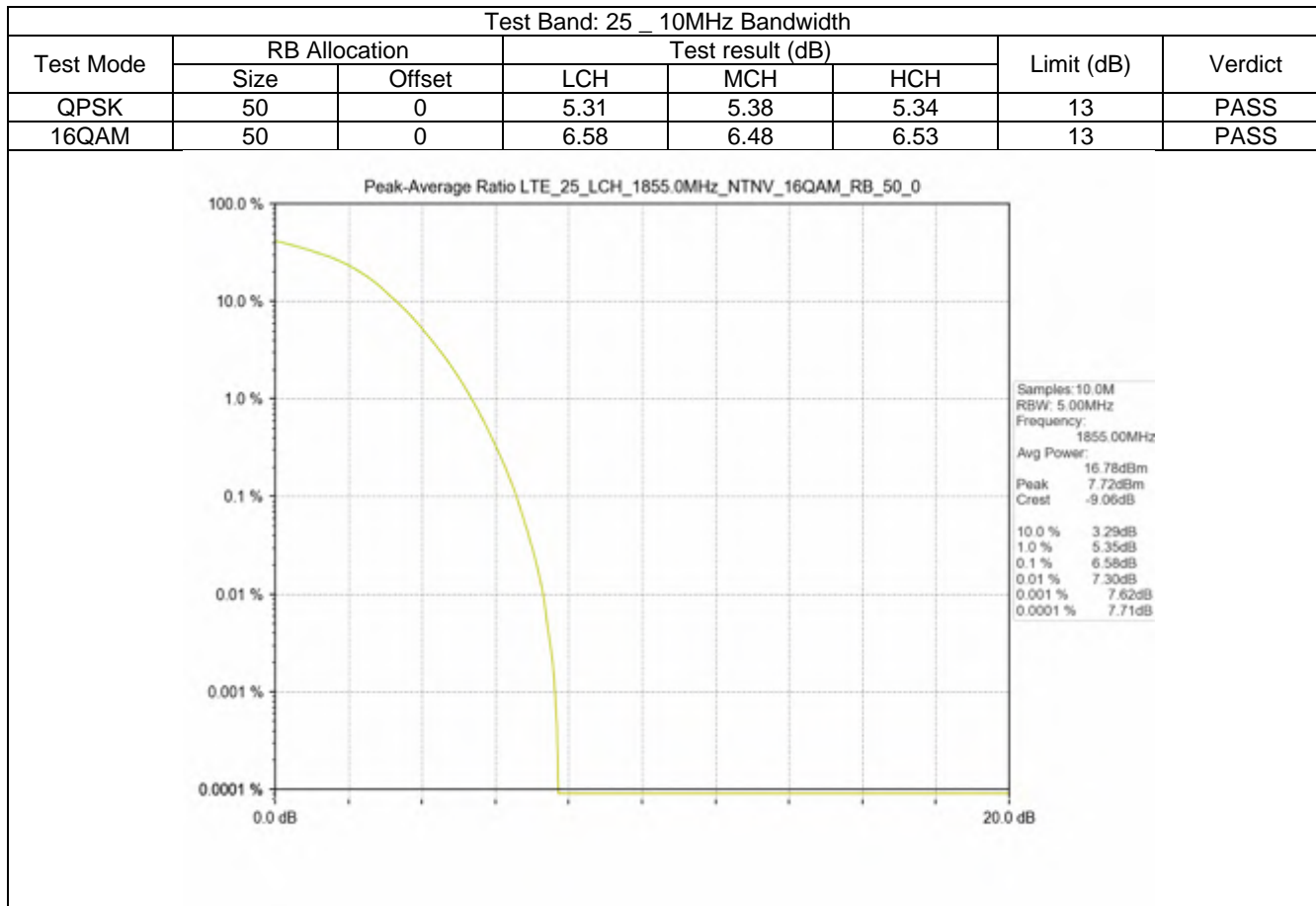
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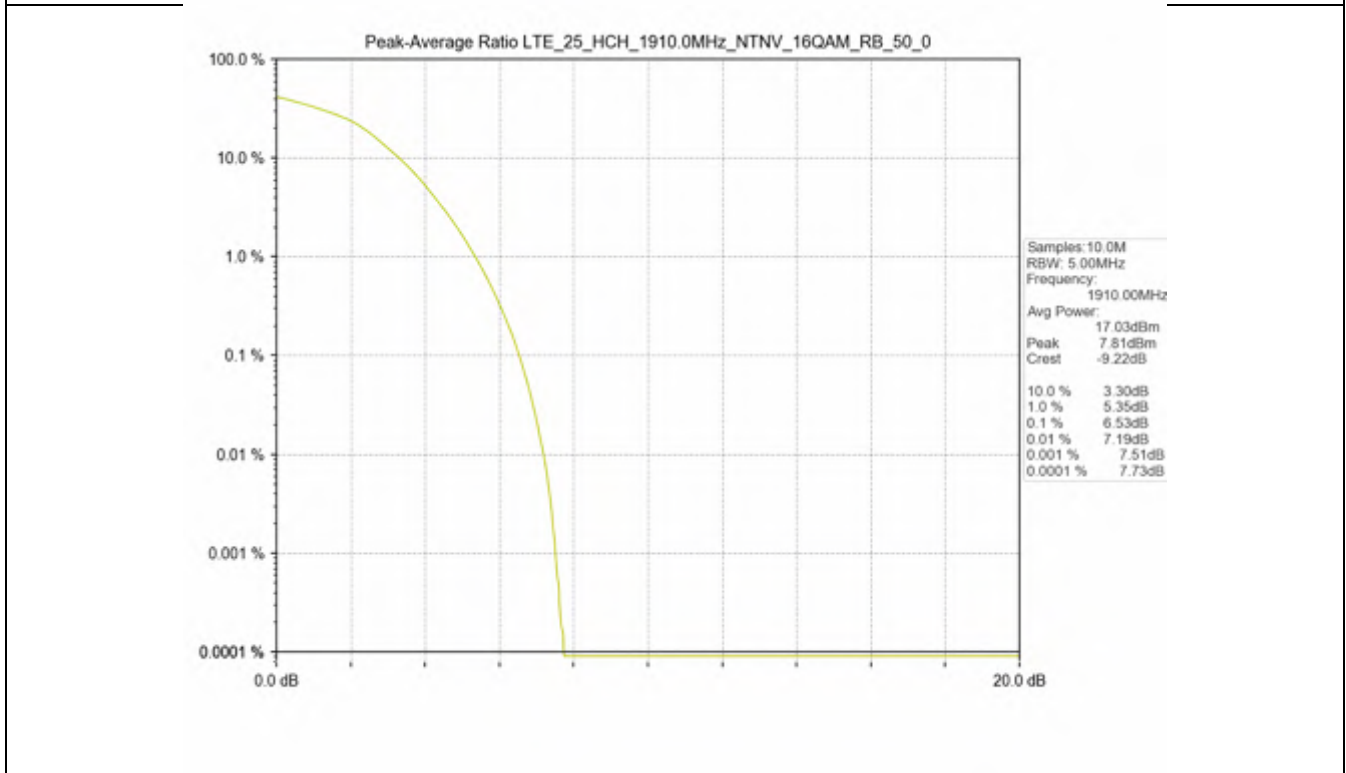
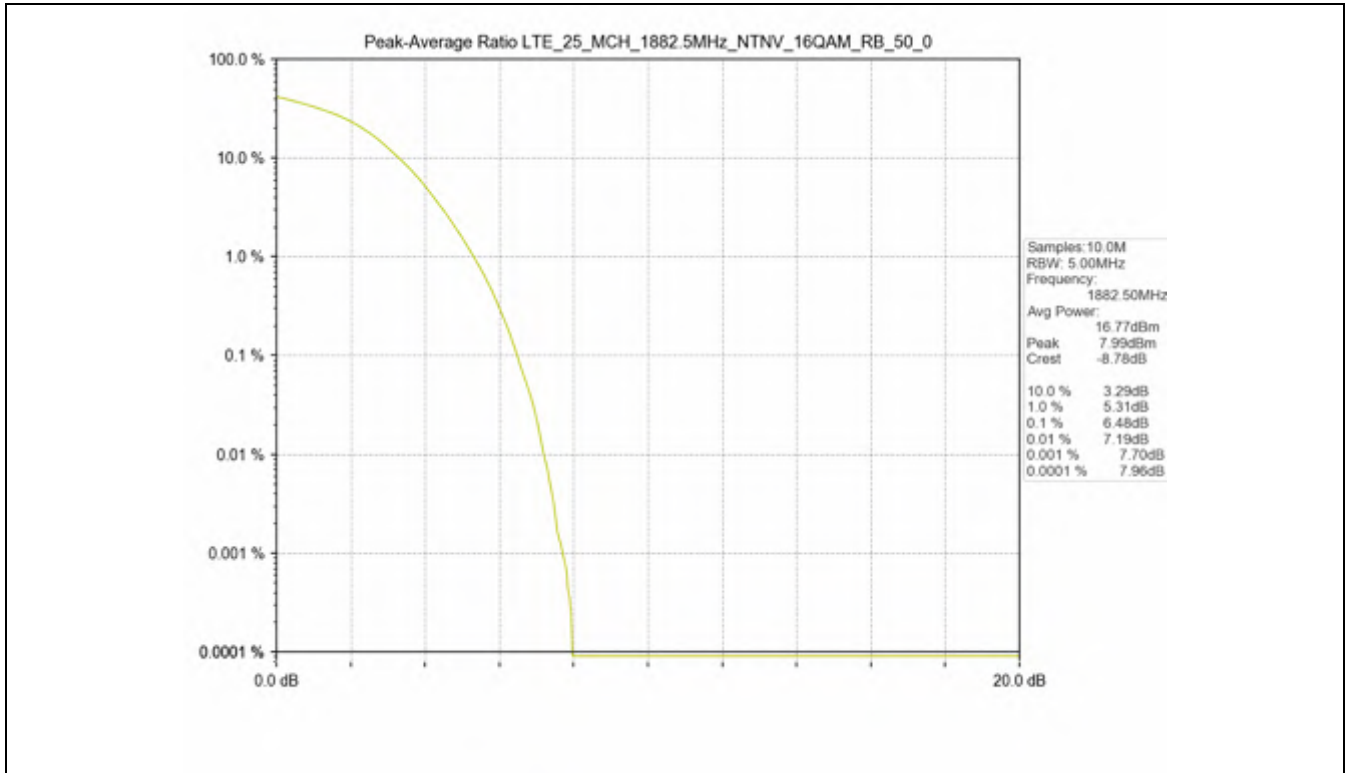
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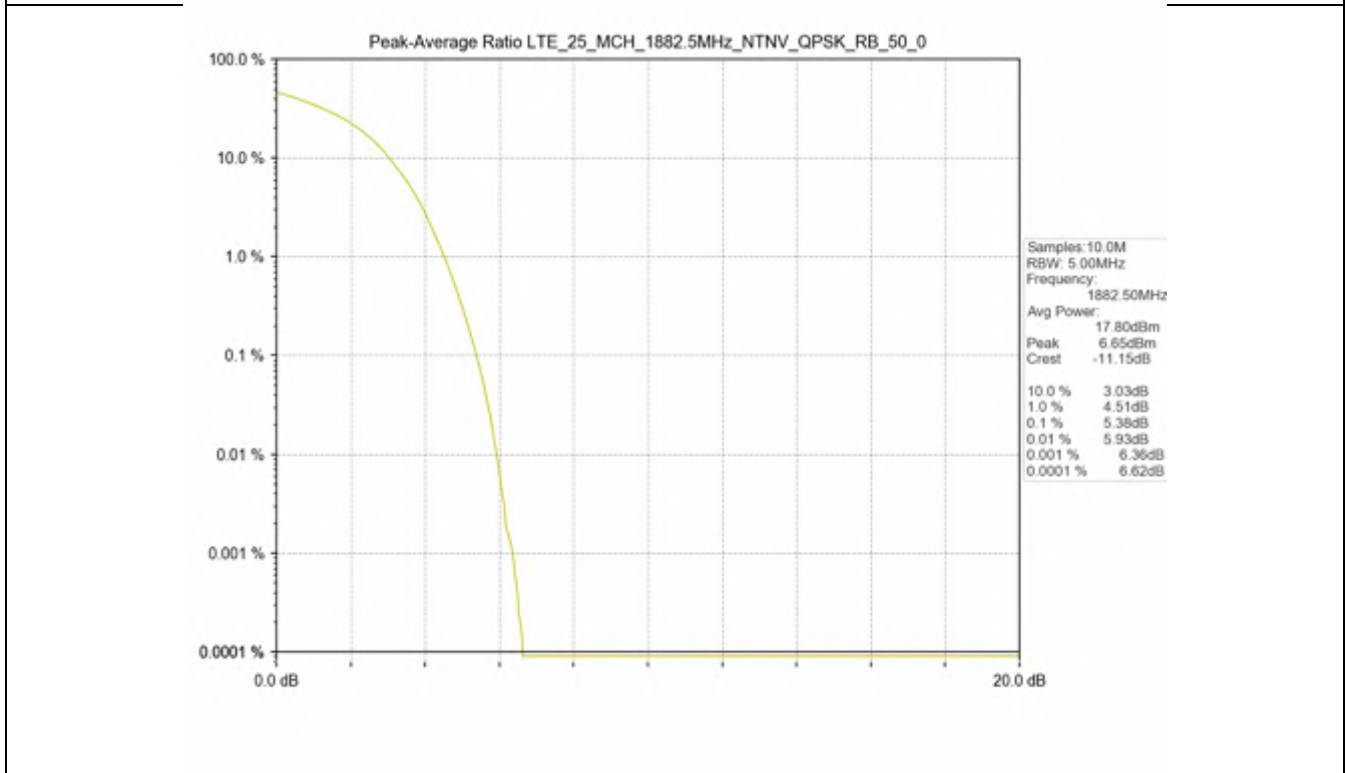
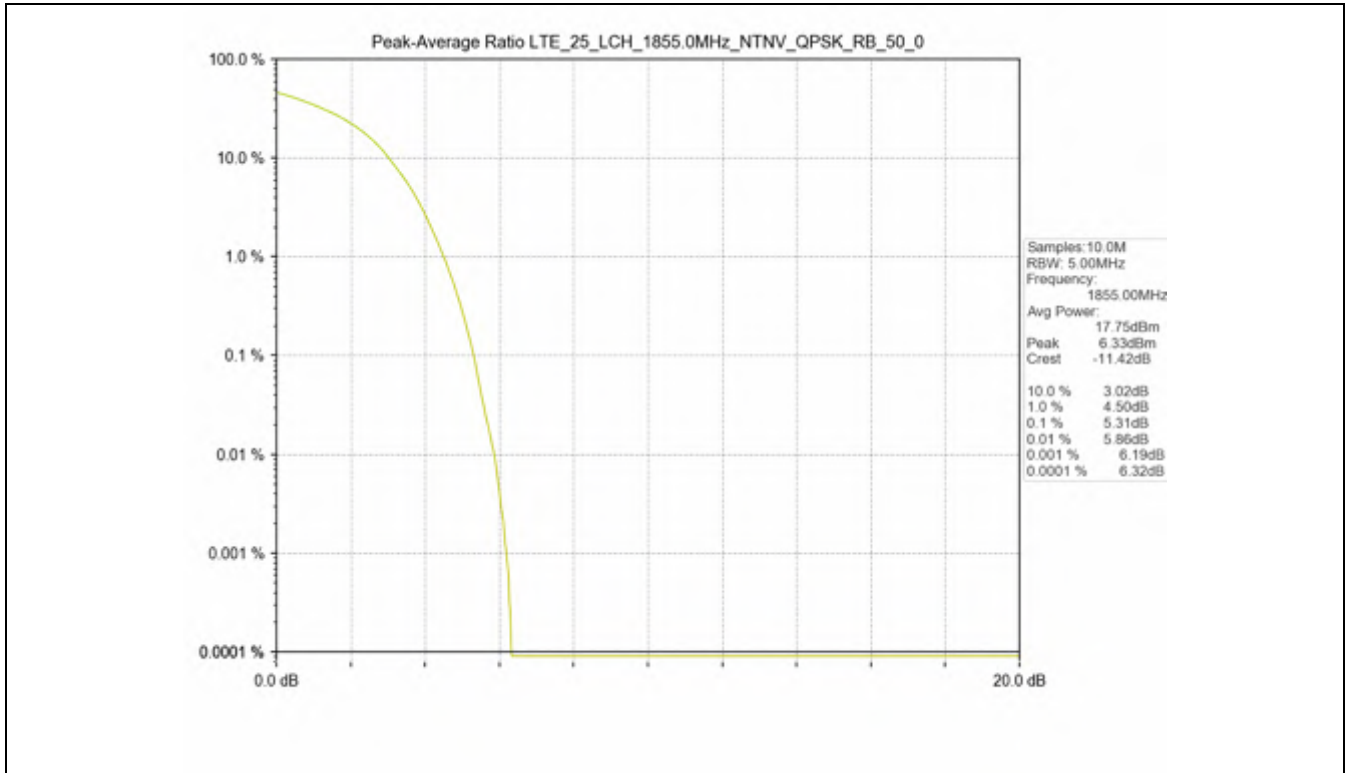


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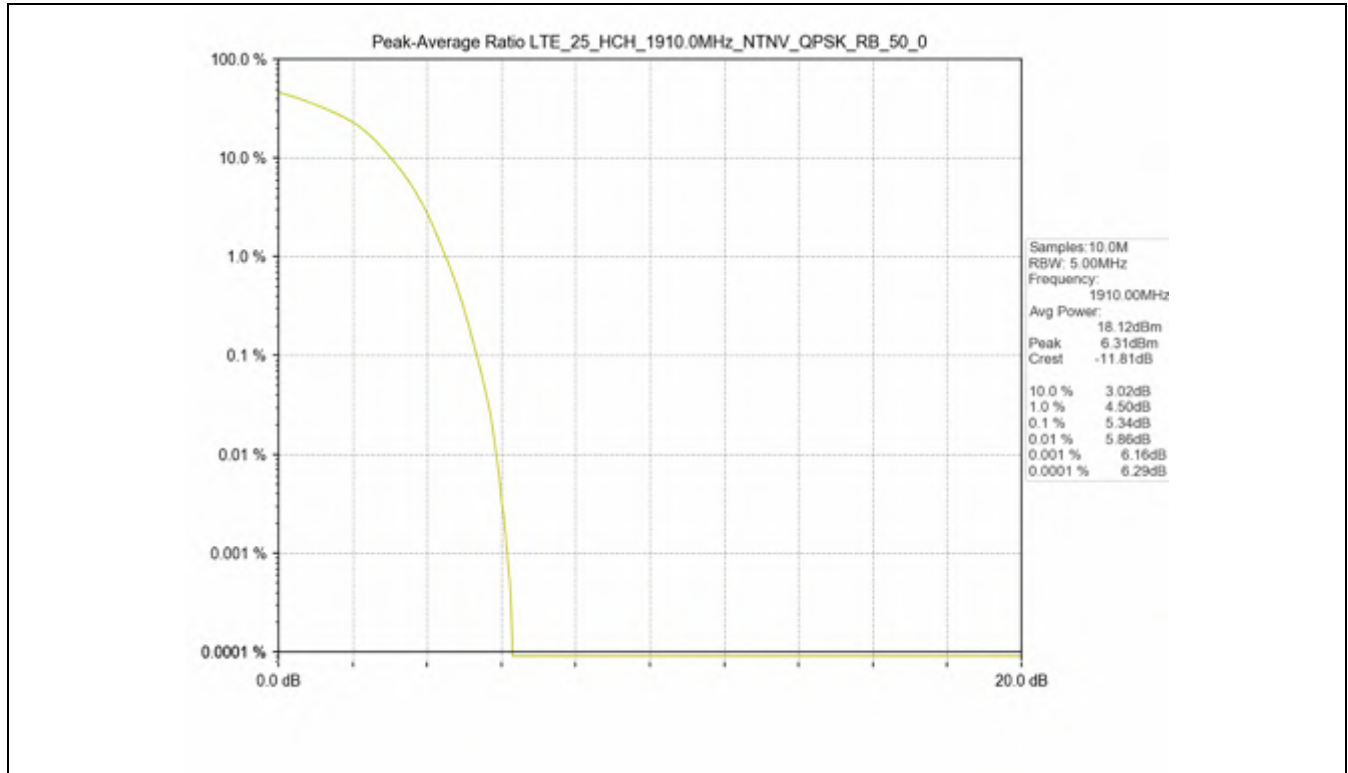




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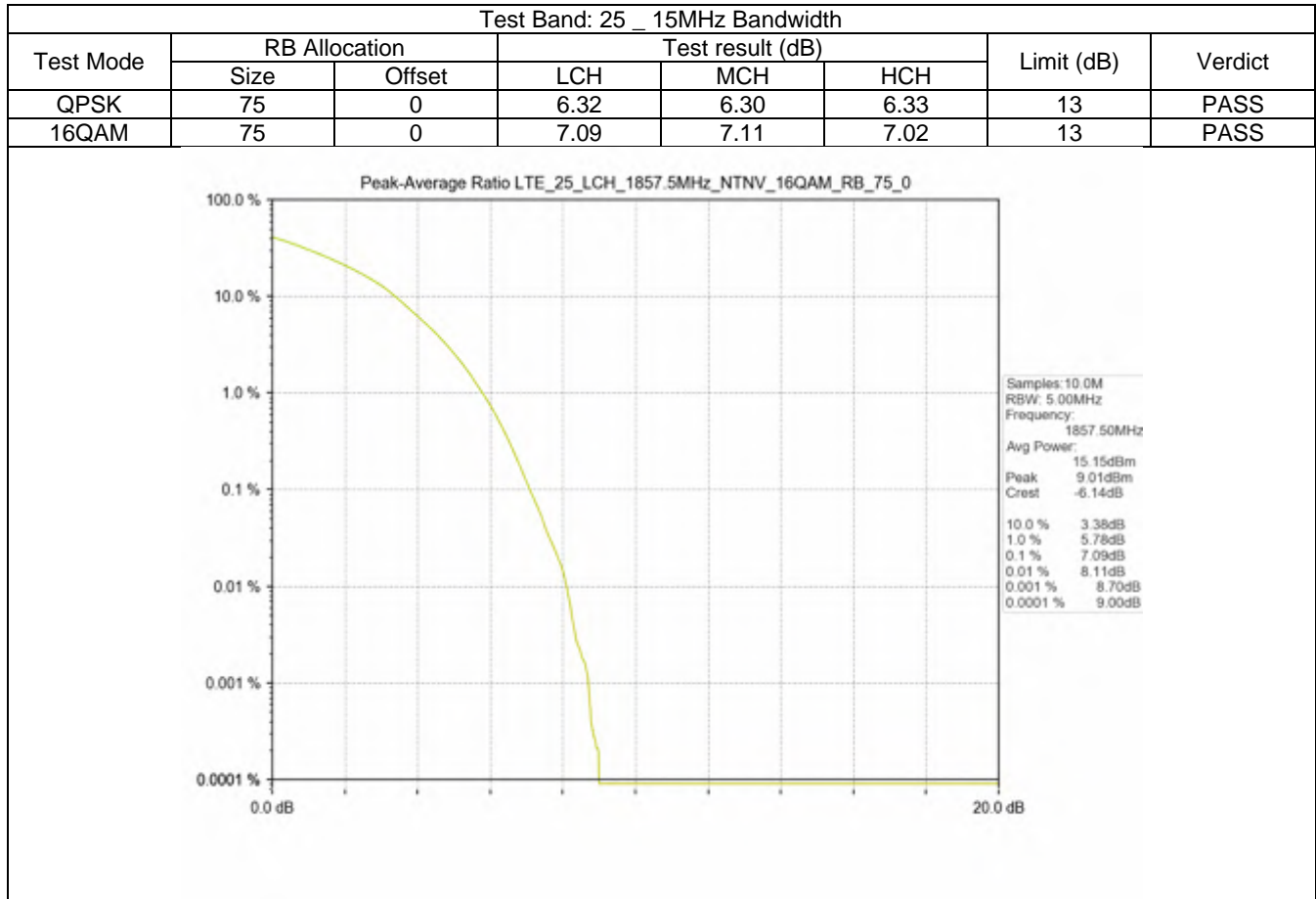
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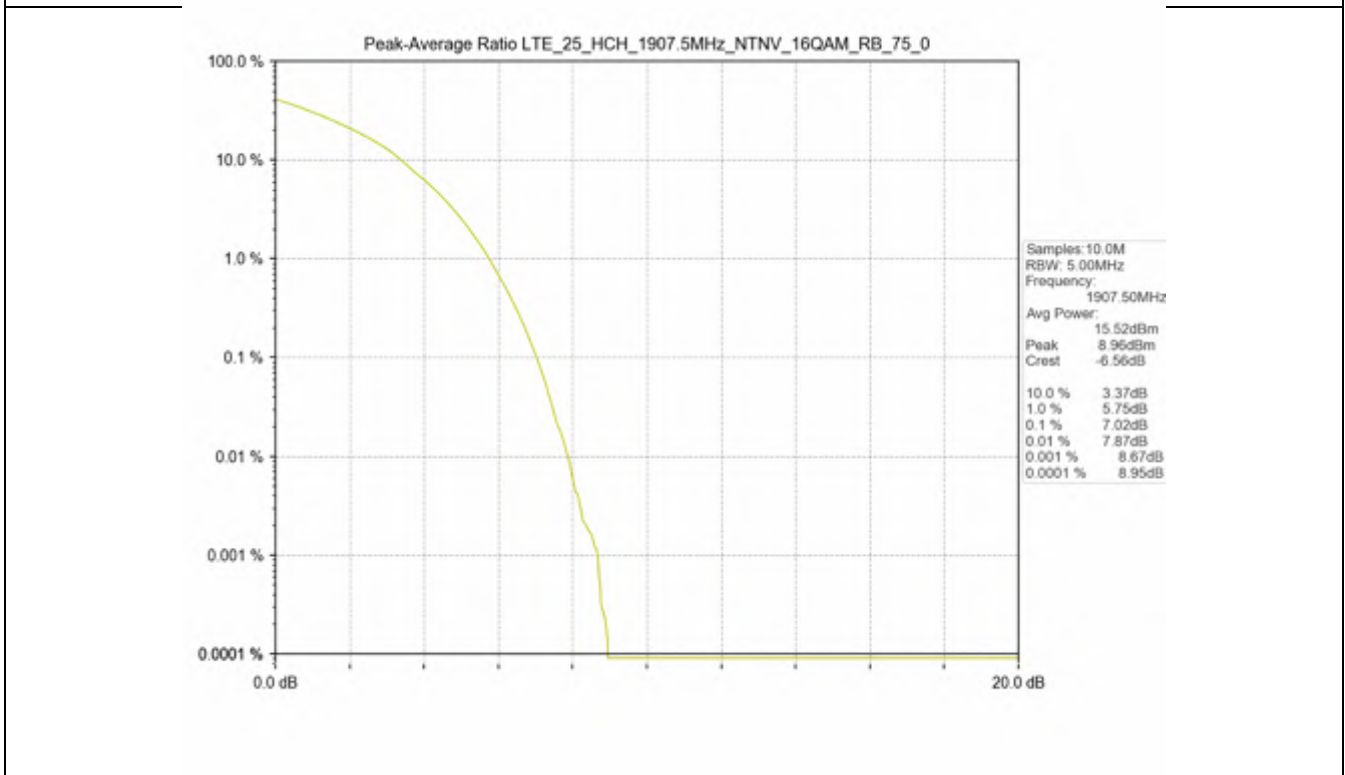
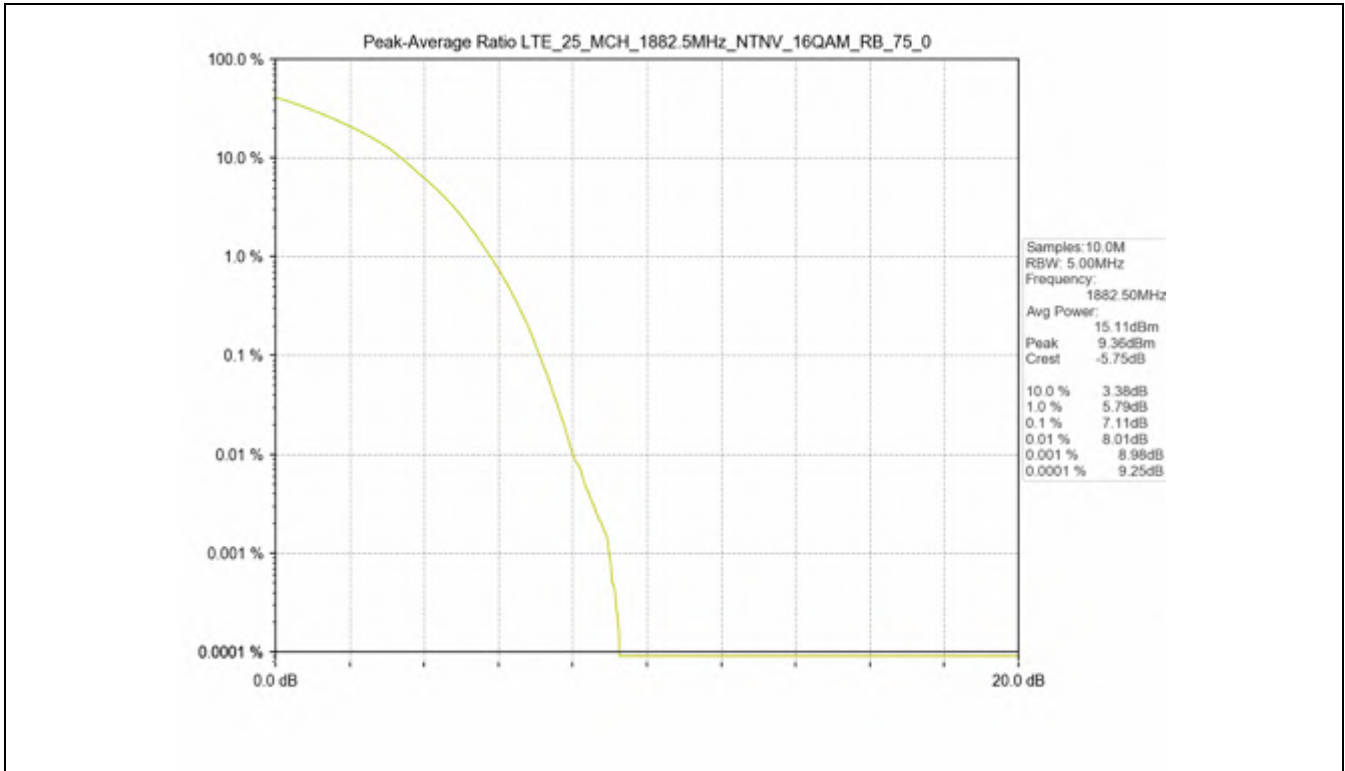
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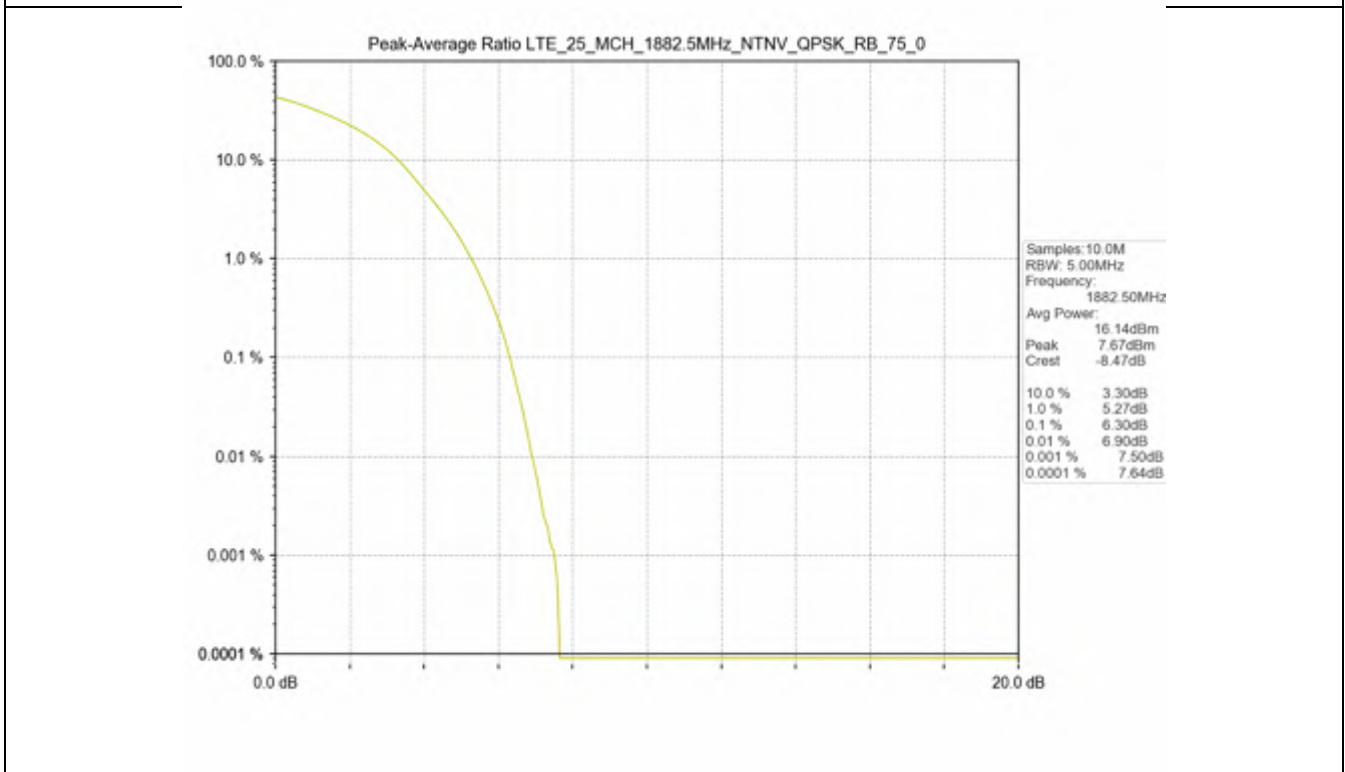
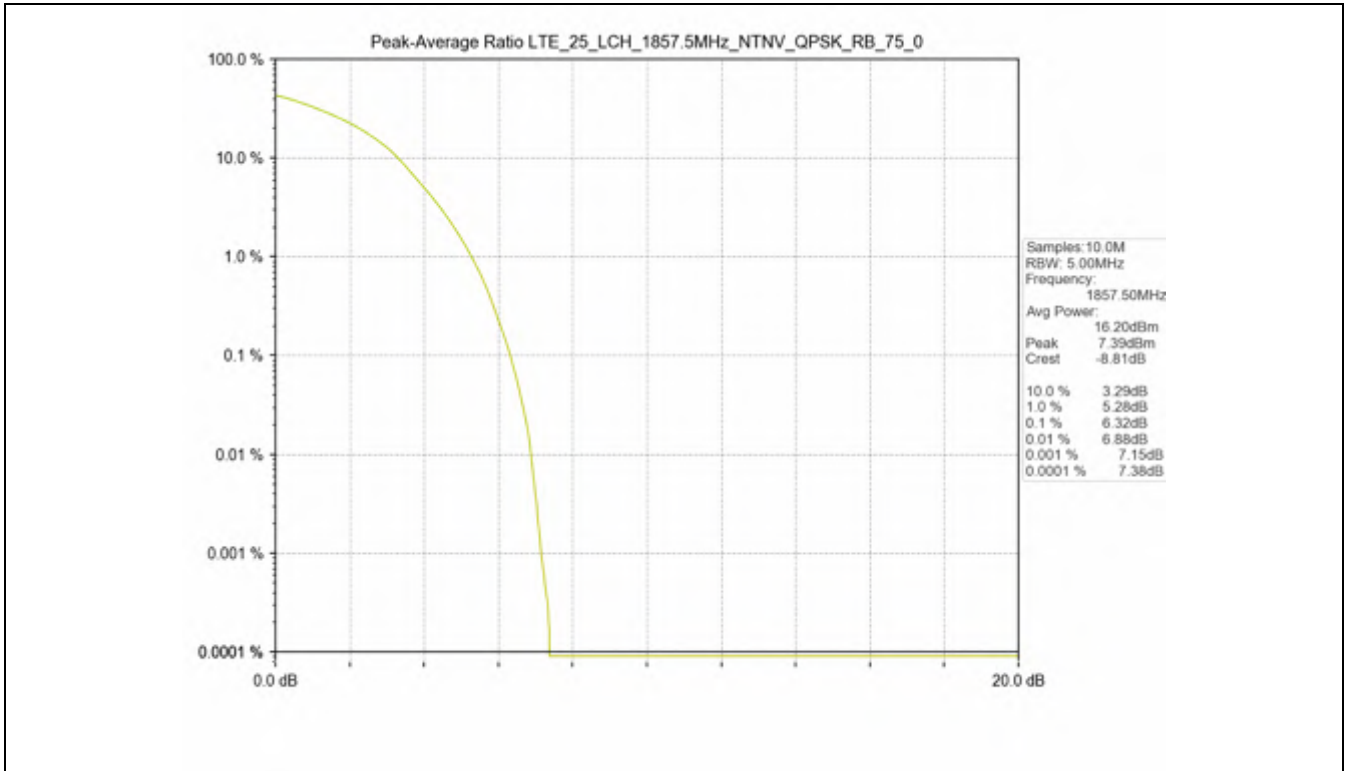
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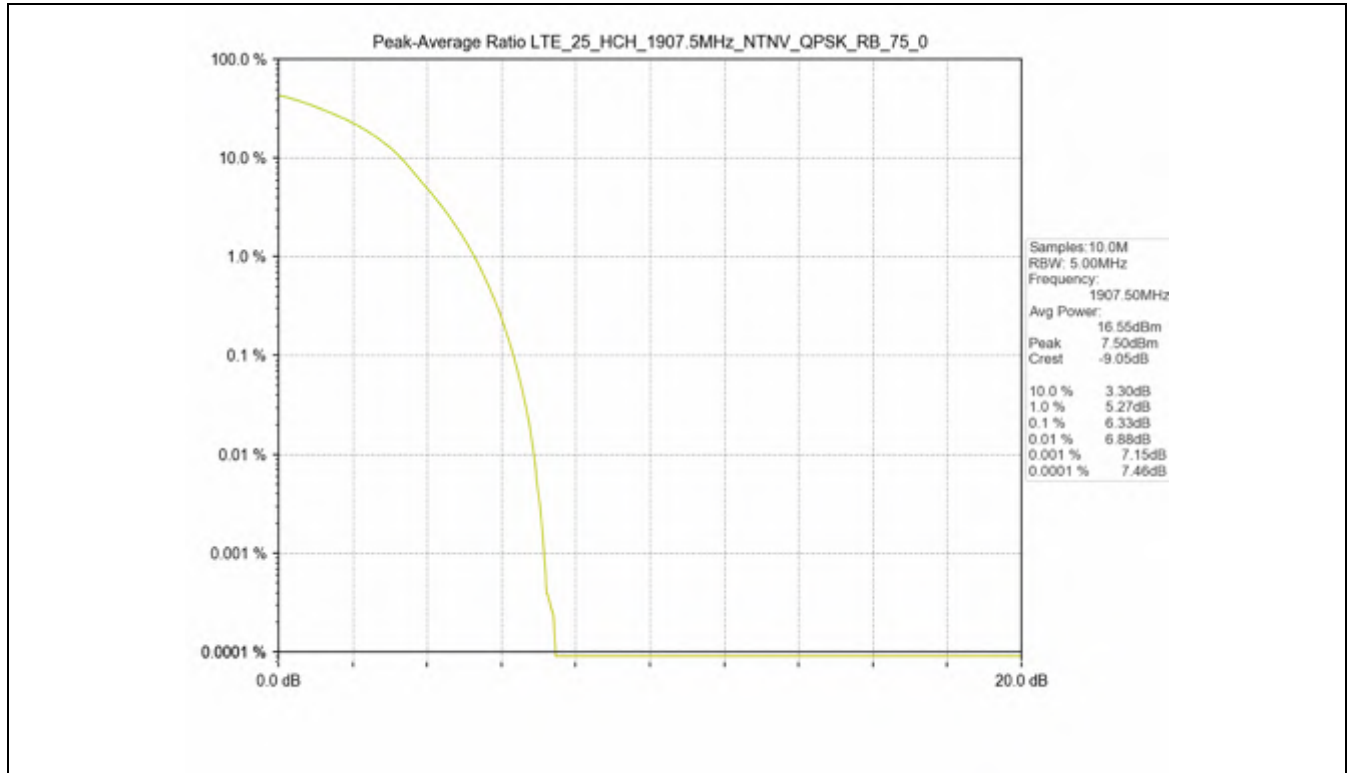
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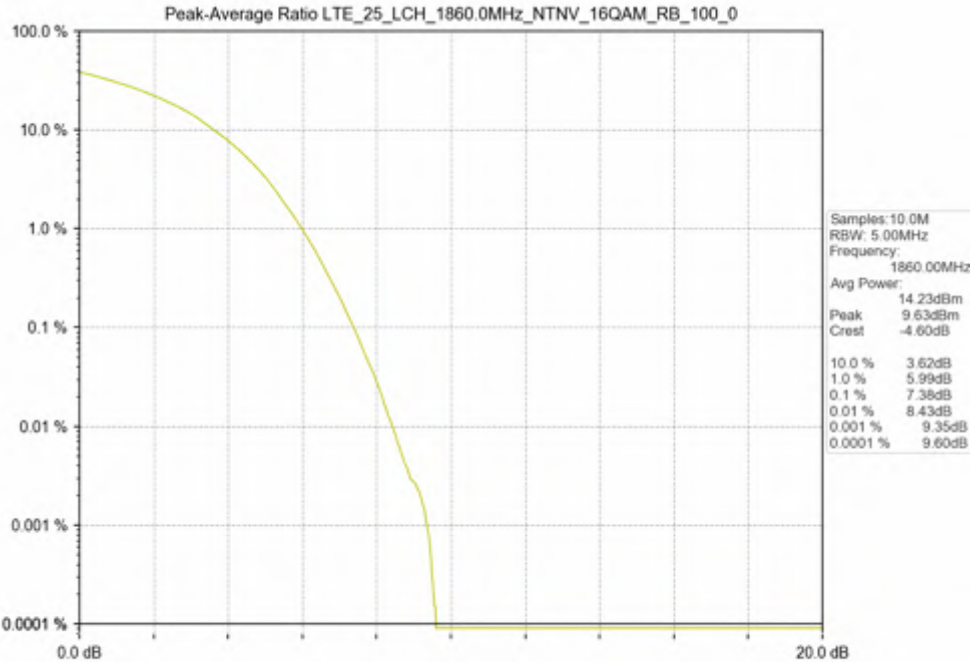


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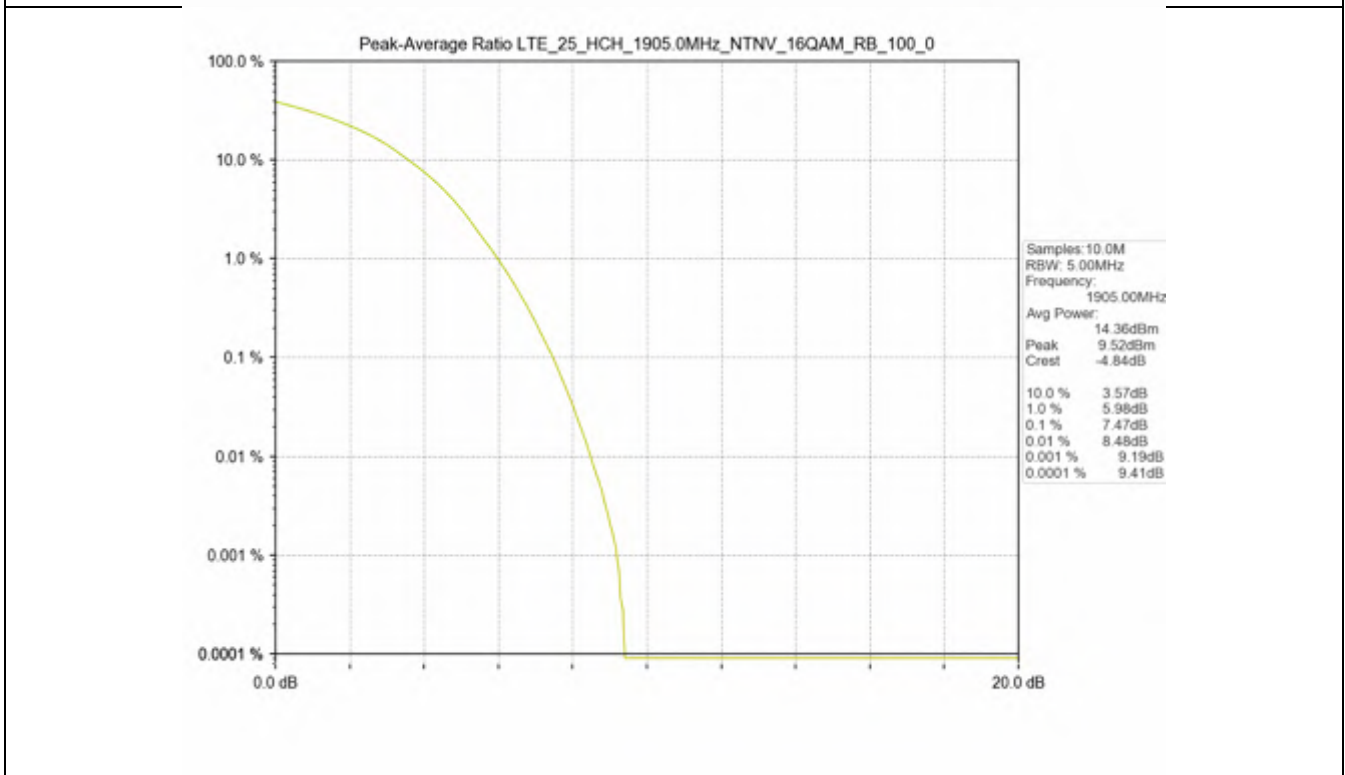
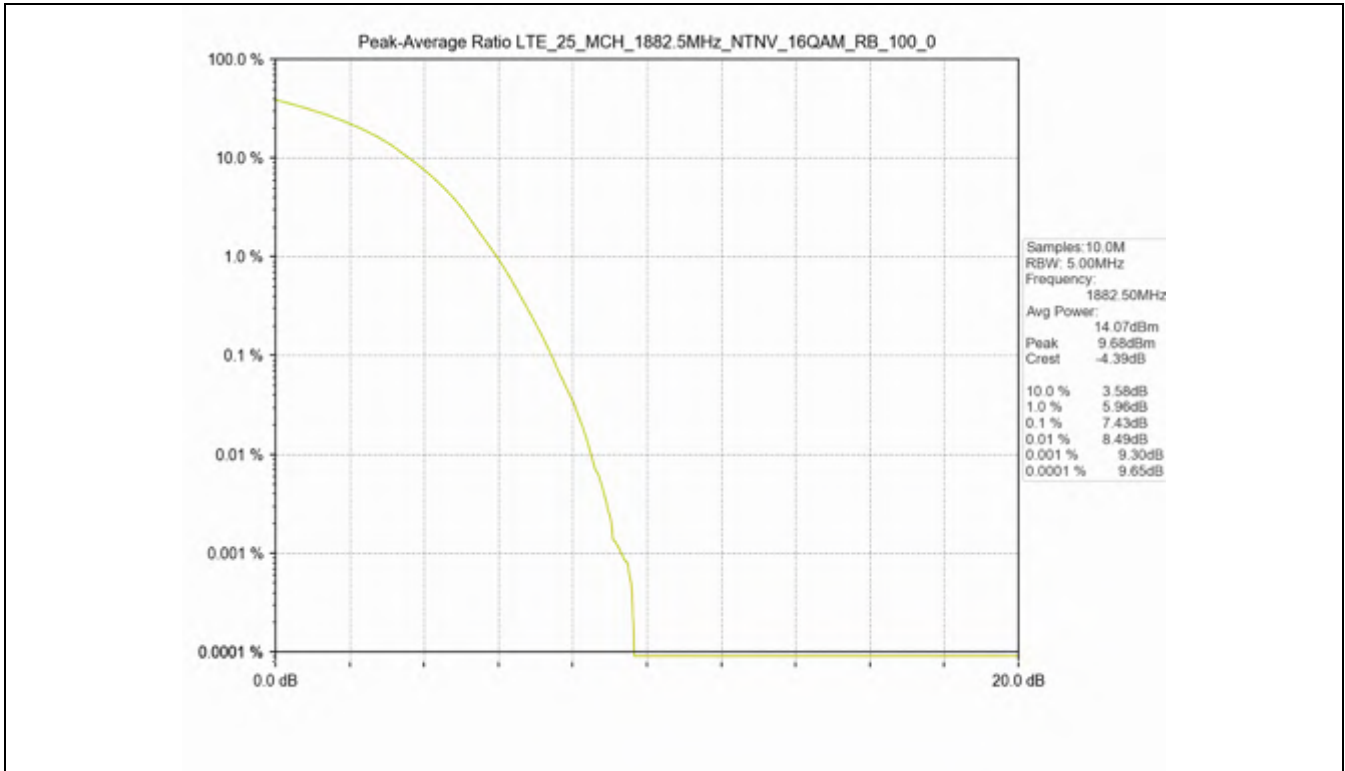
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Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	6.81	6.82	6.85	13	PASS
16QAM	100	0	7.38	7.43	7.47	13	PASS



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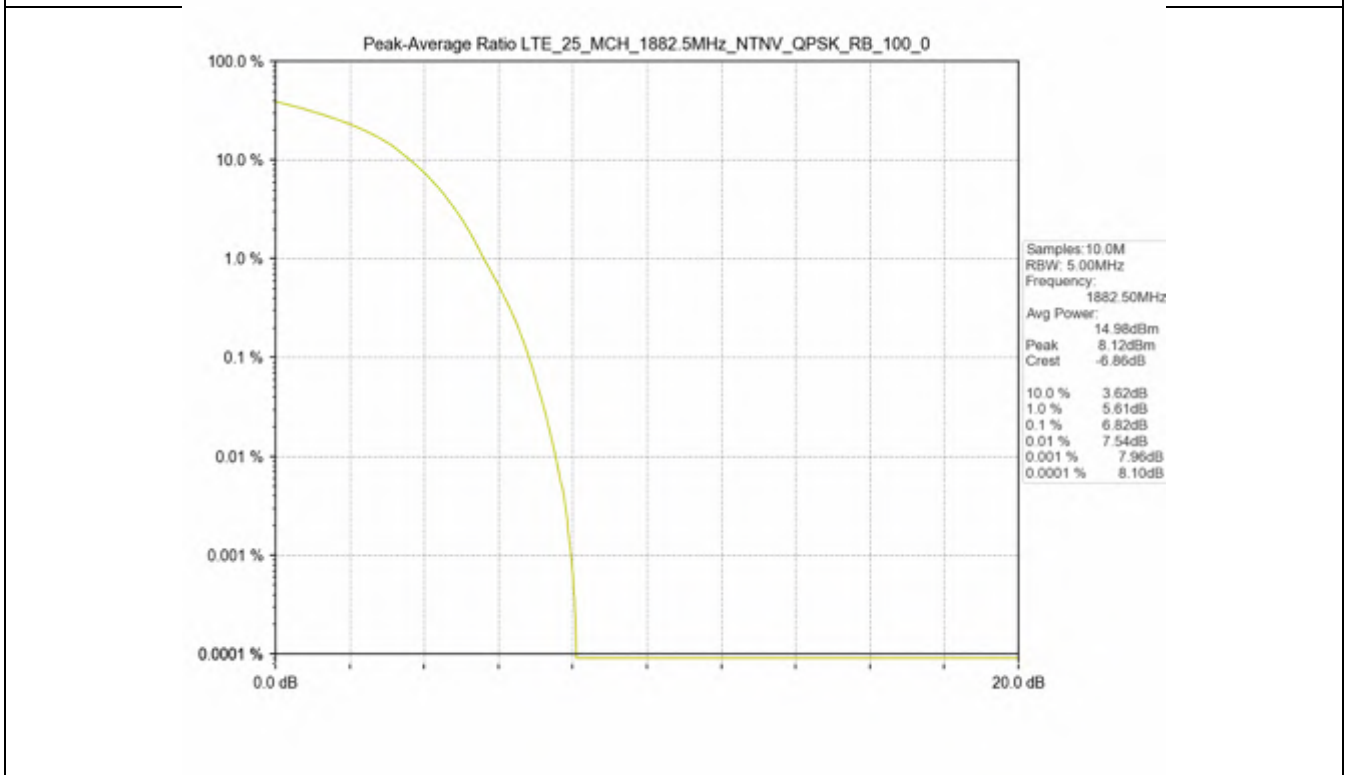
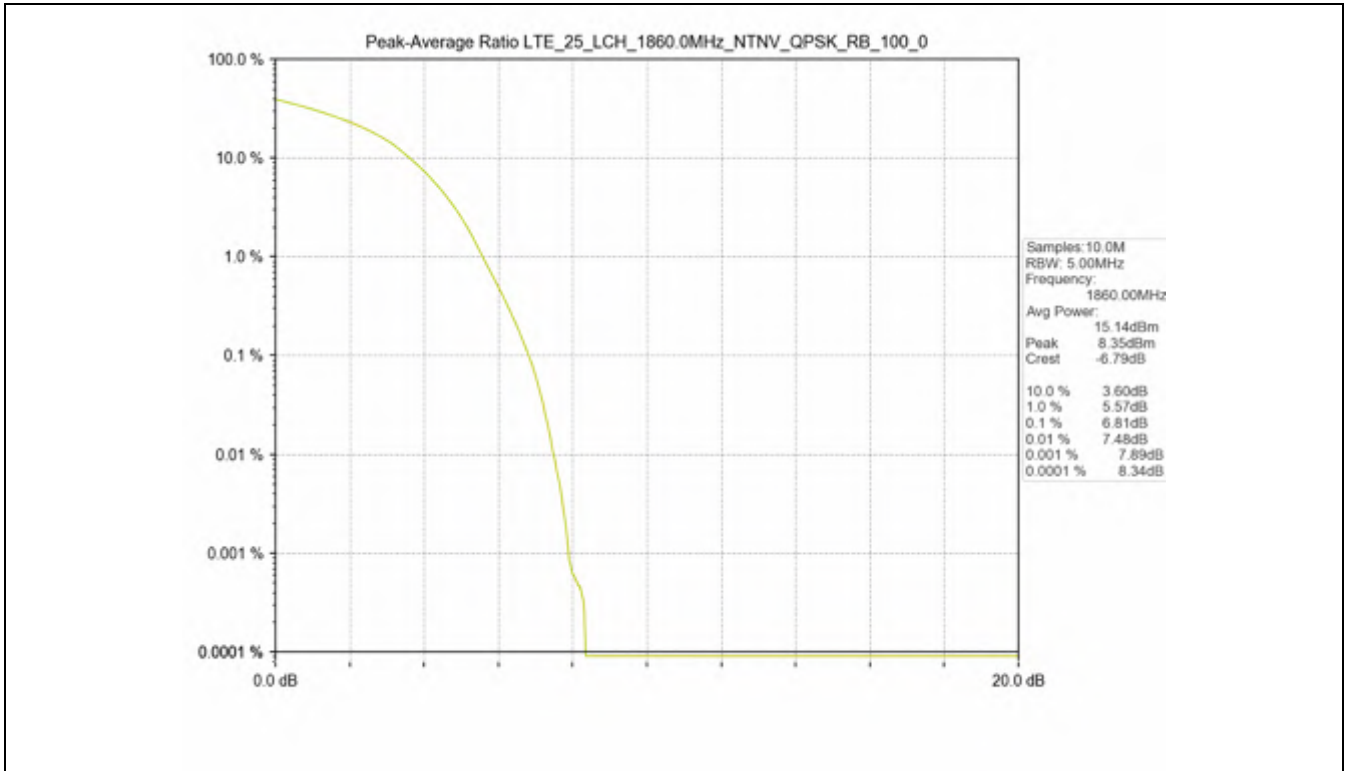


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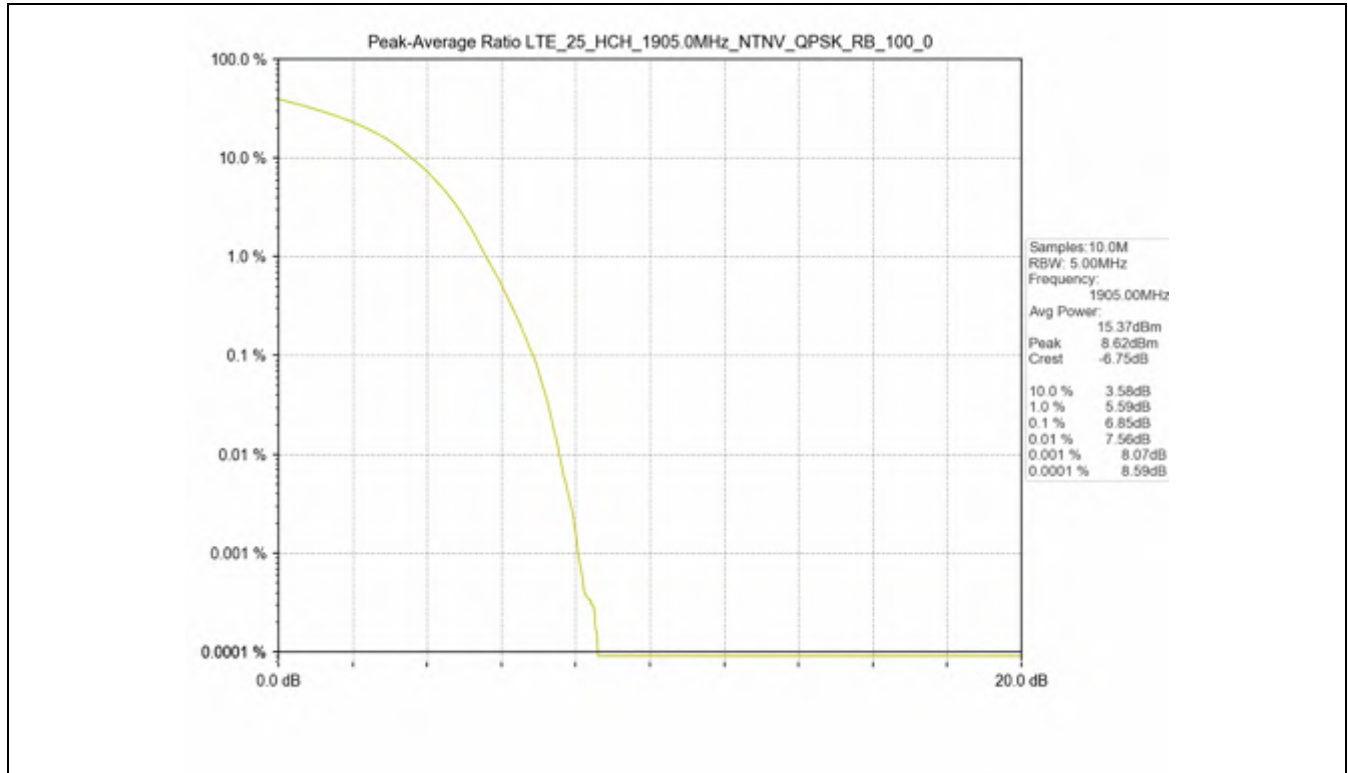




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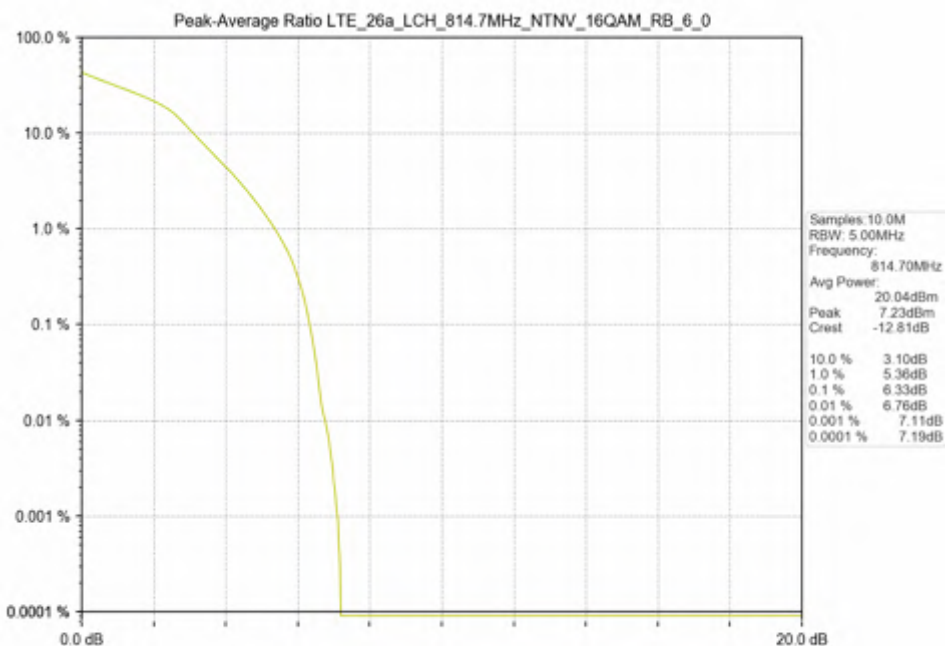
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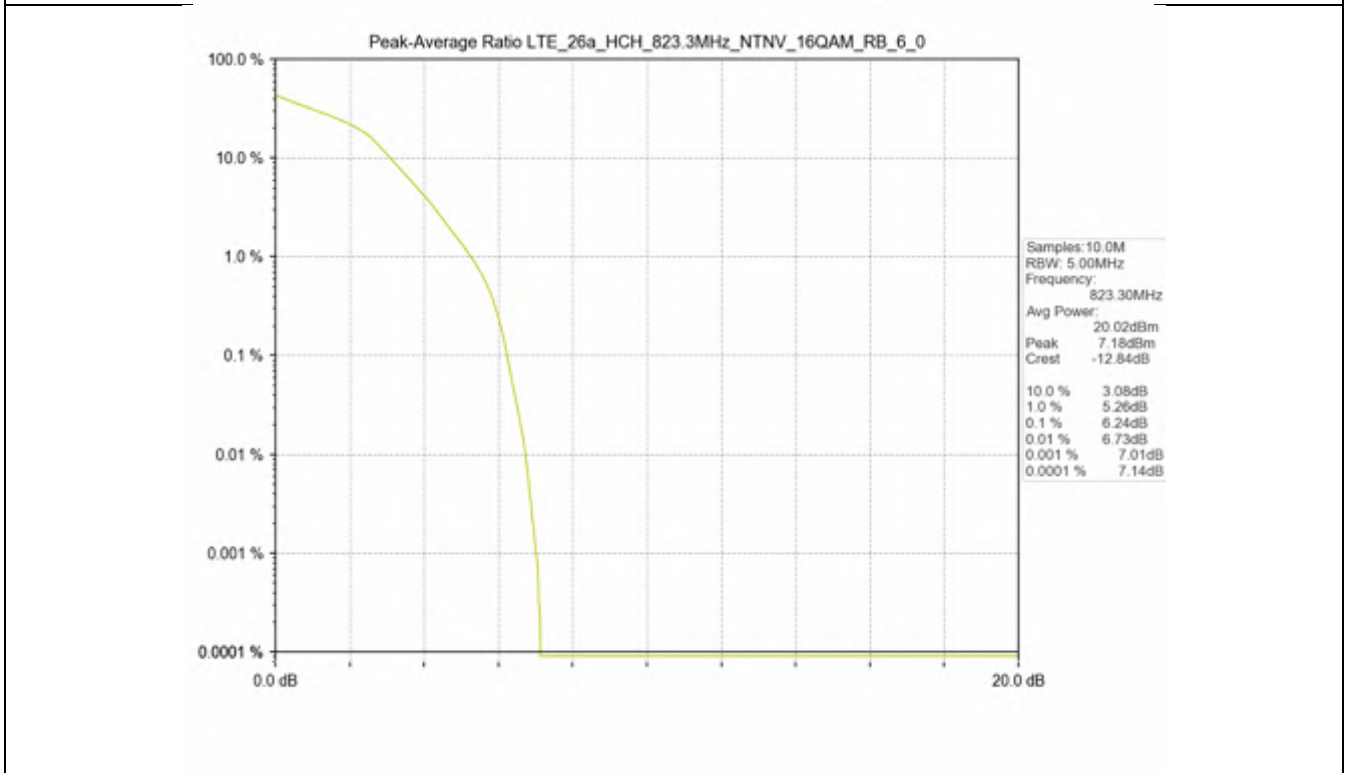
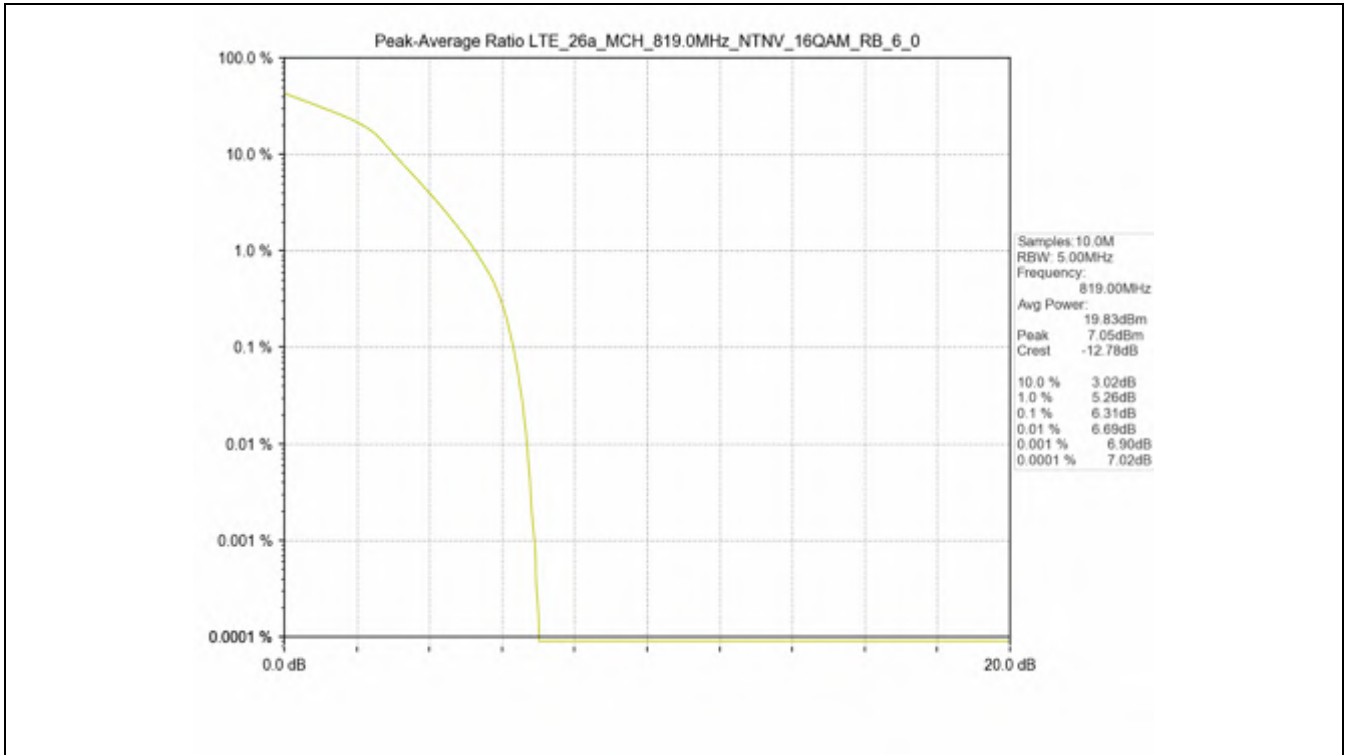
LTE Band 26a

Test Band: 26a _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.45	5.36	5.39	13	PASS
16QAM	6	0	6.33	6.31	6.24	13	PASS



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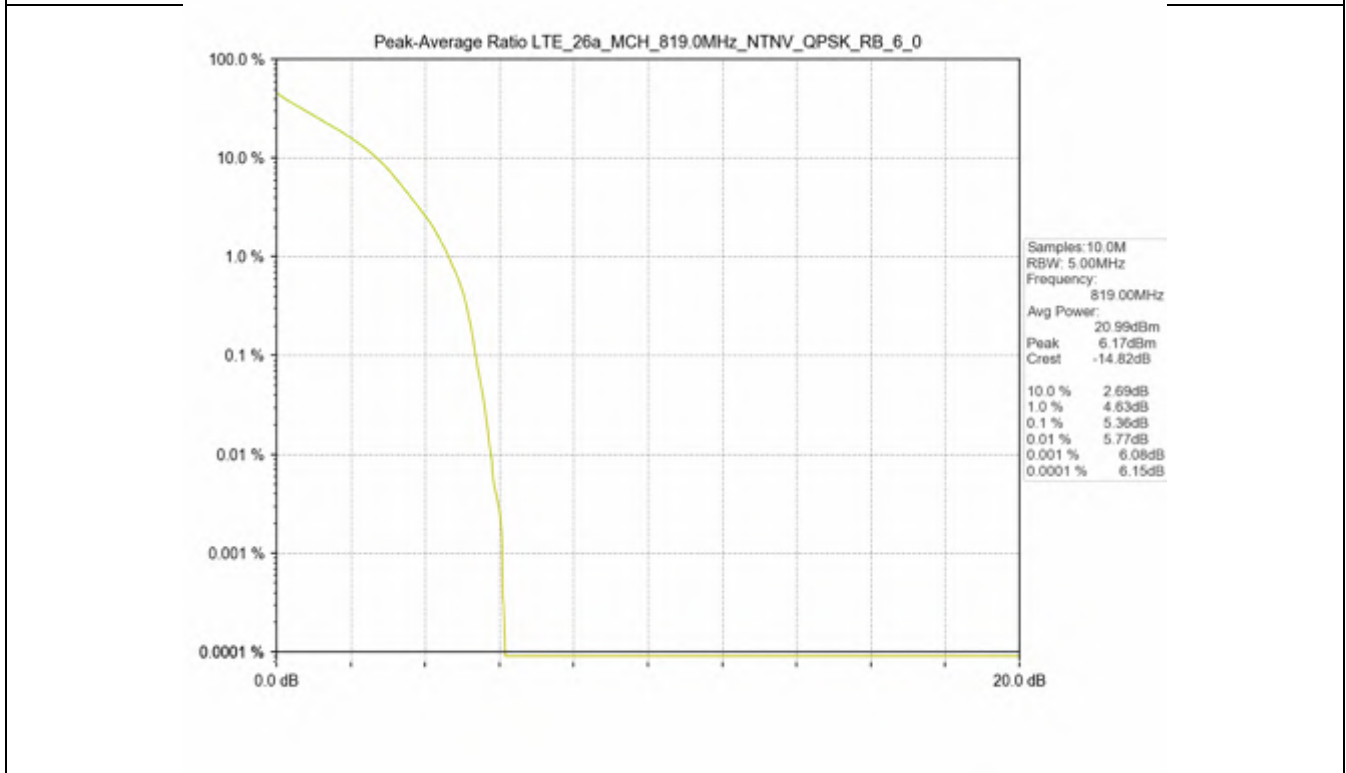
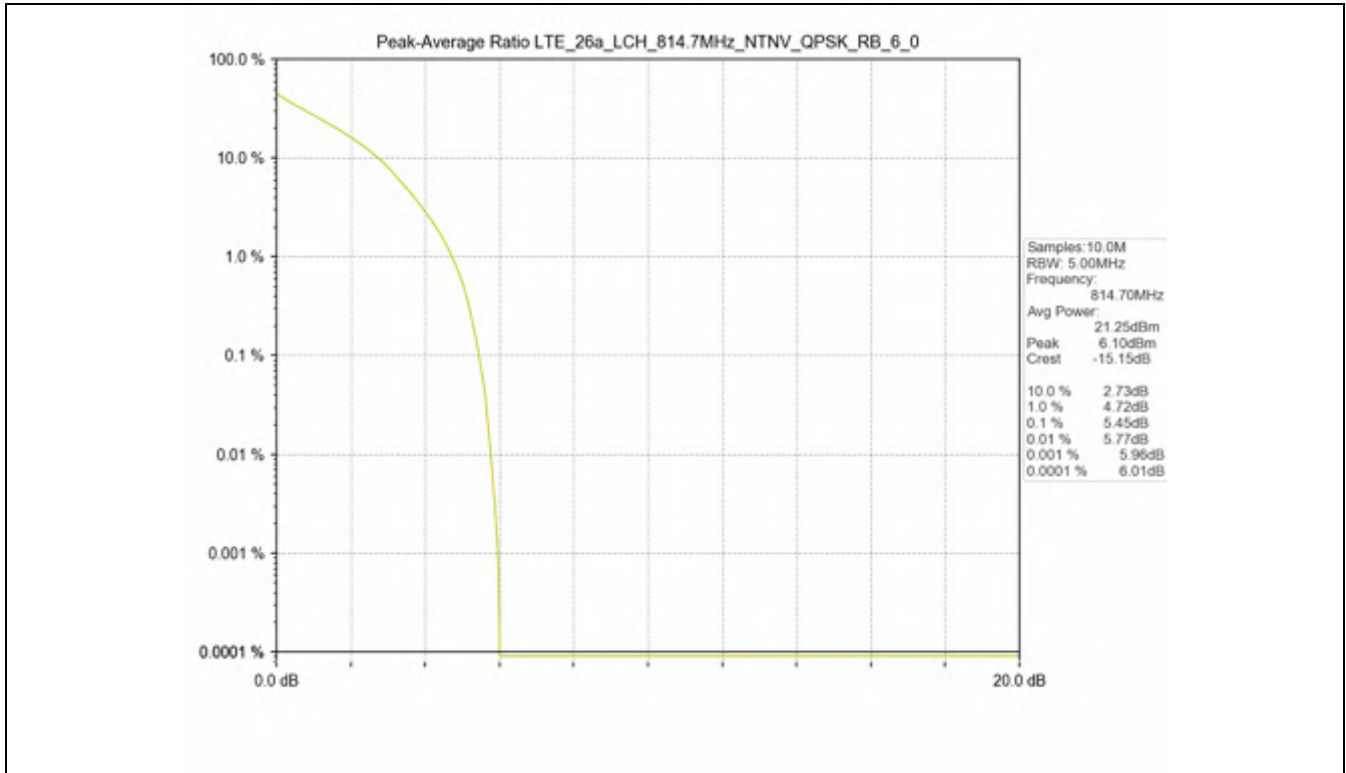
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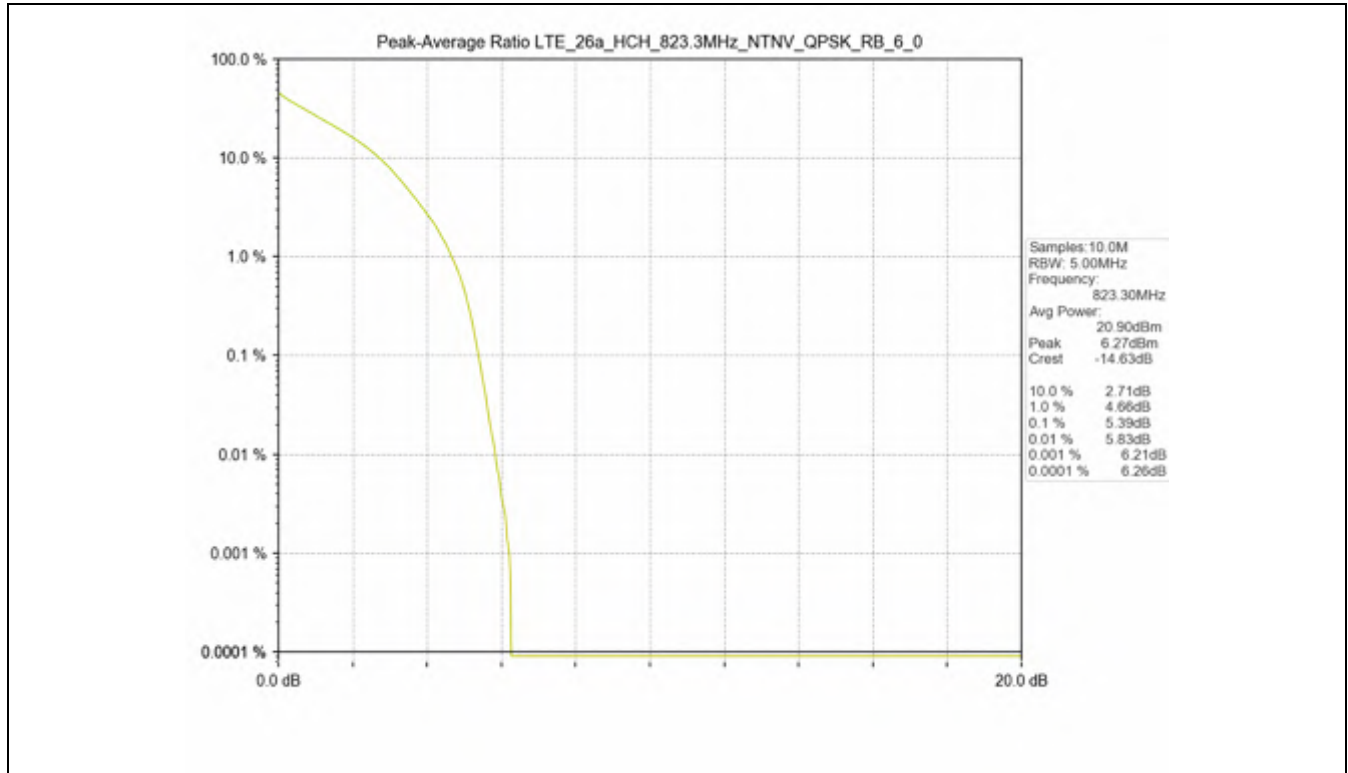
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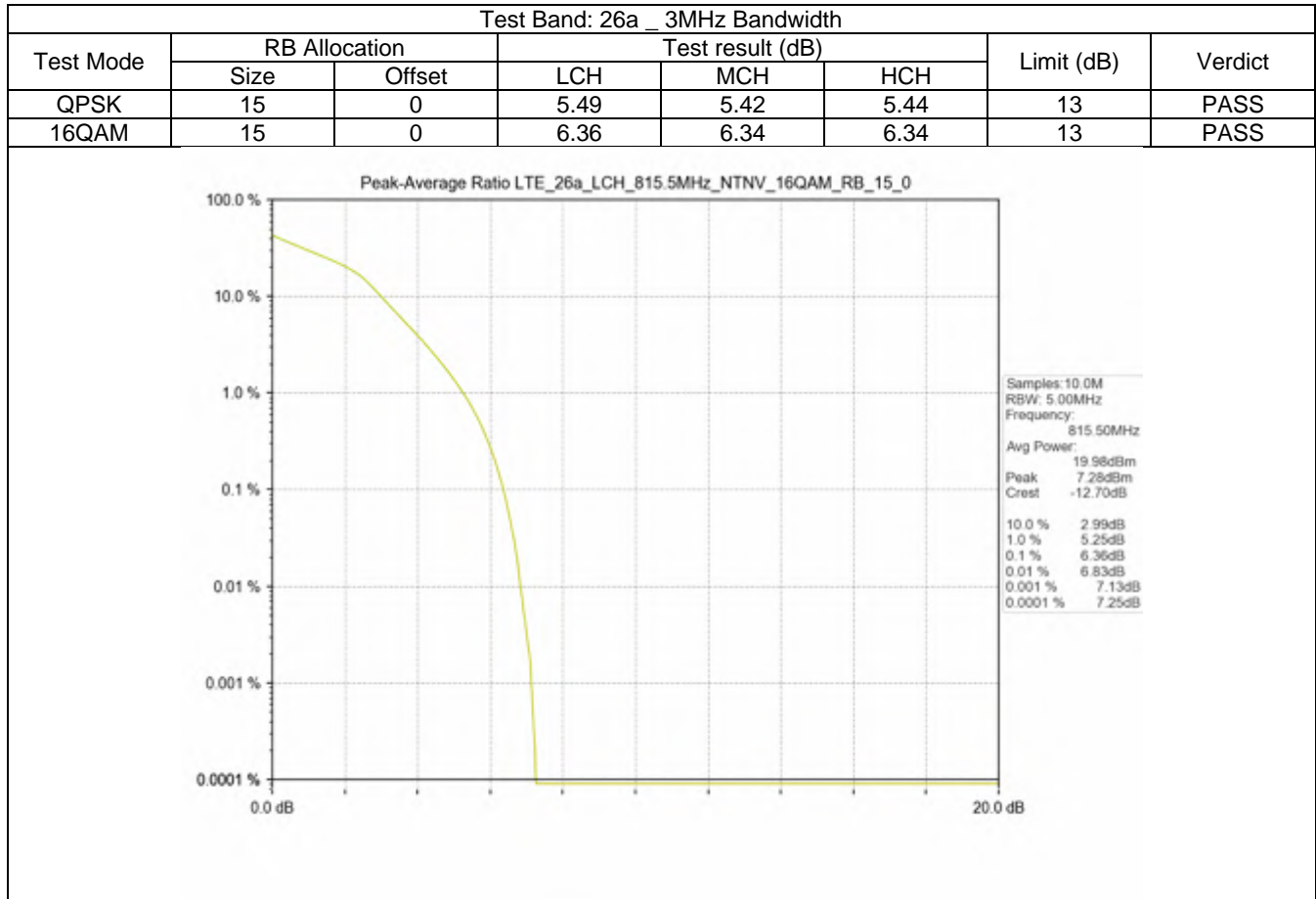
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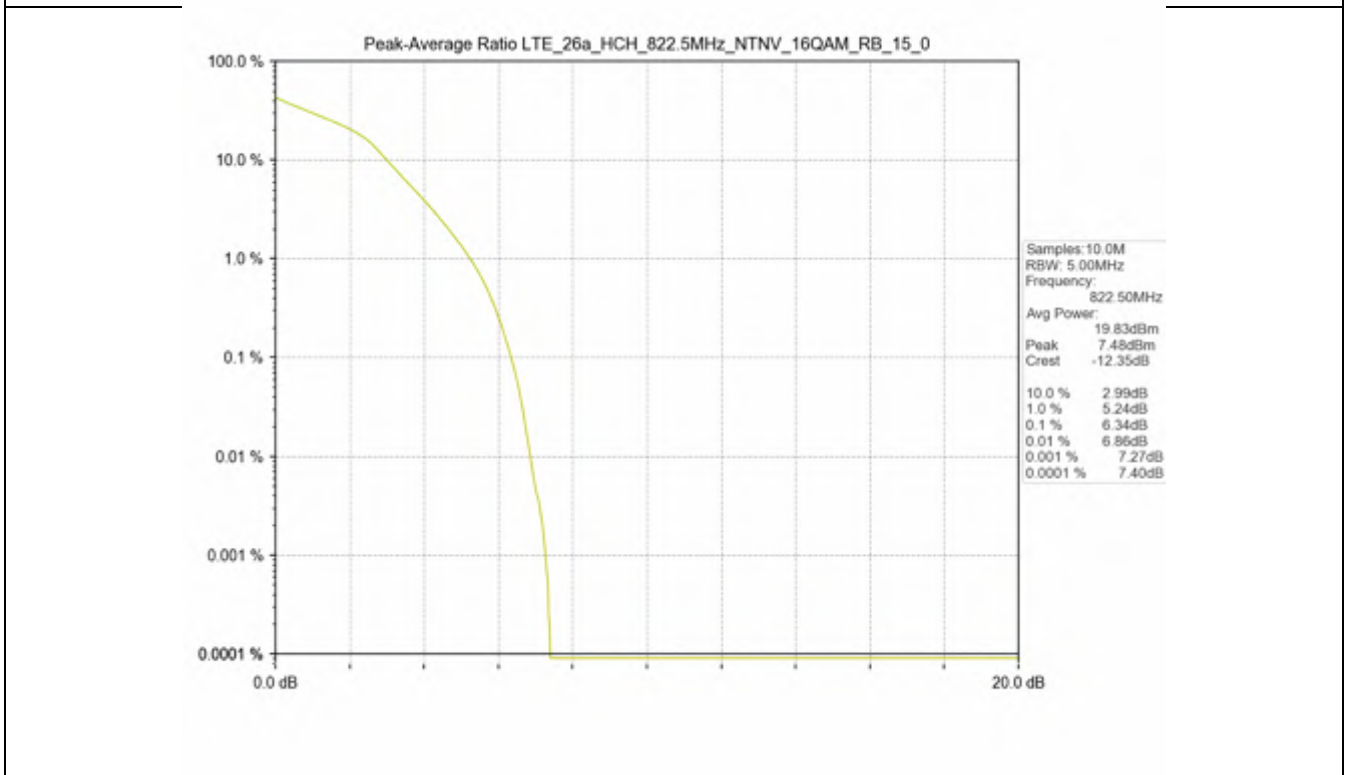
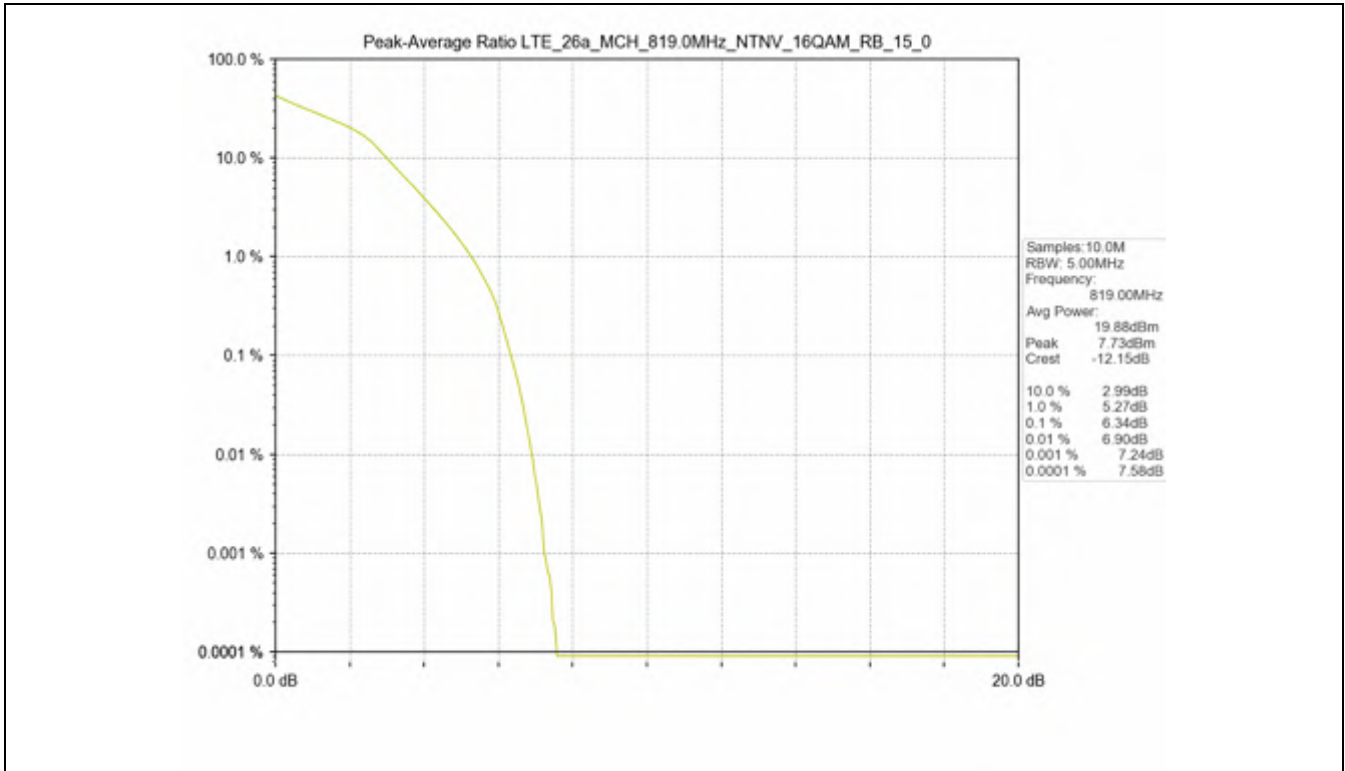
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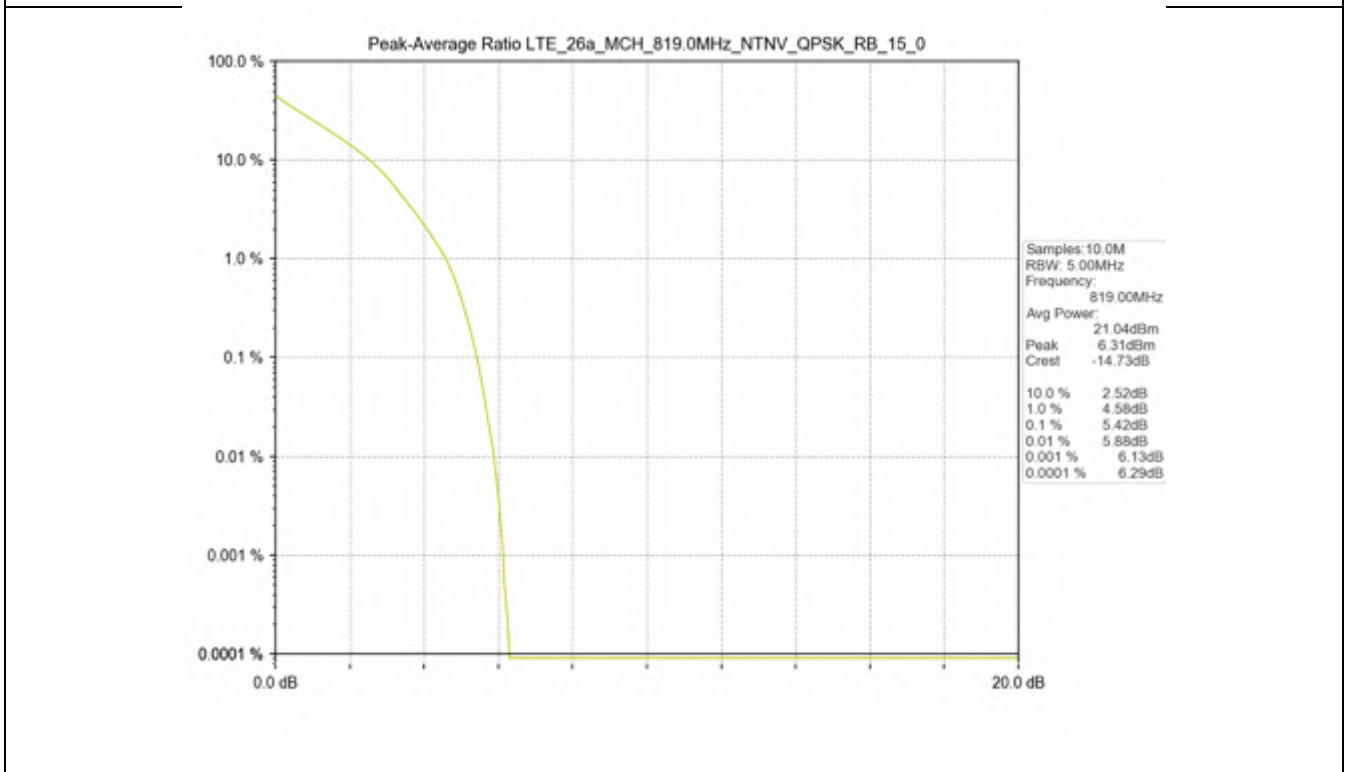
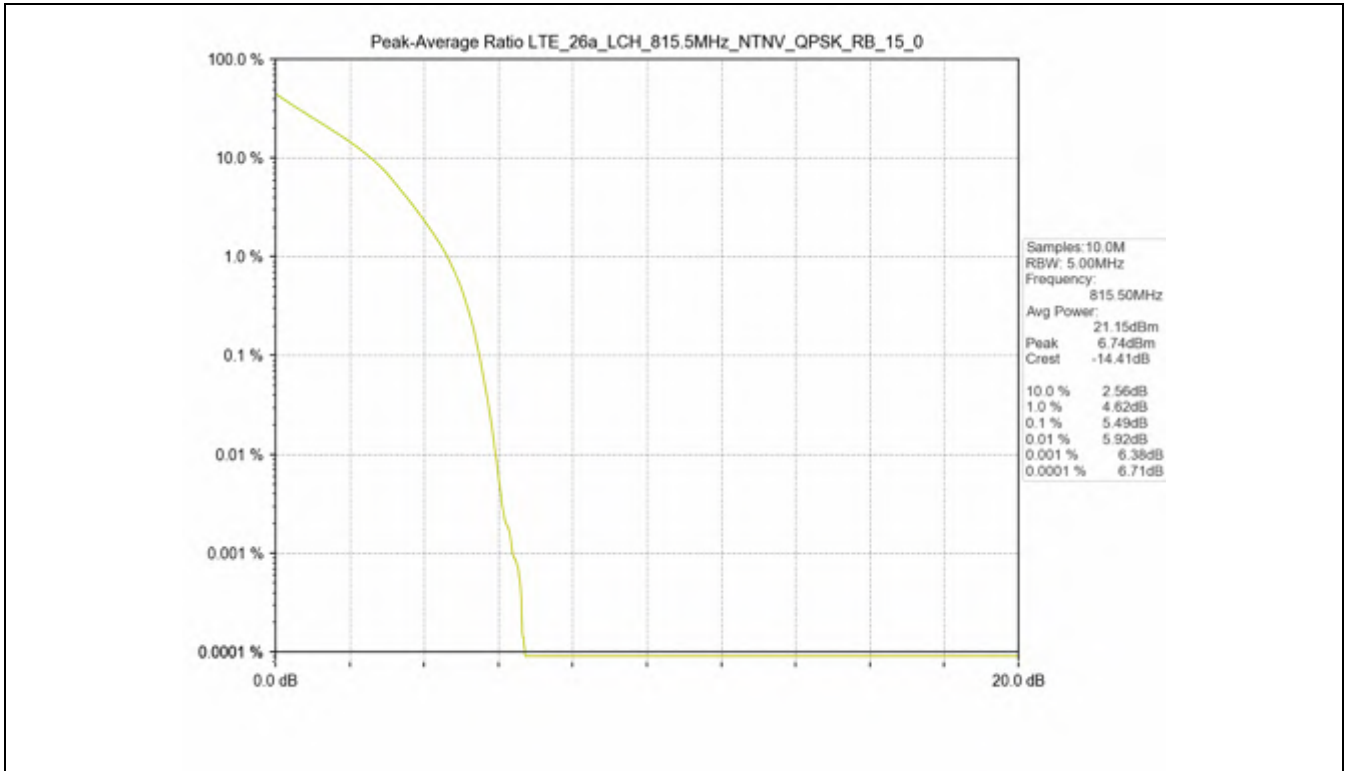


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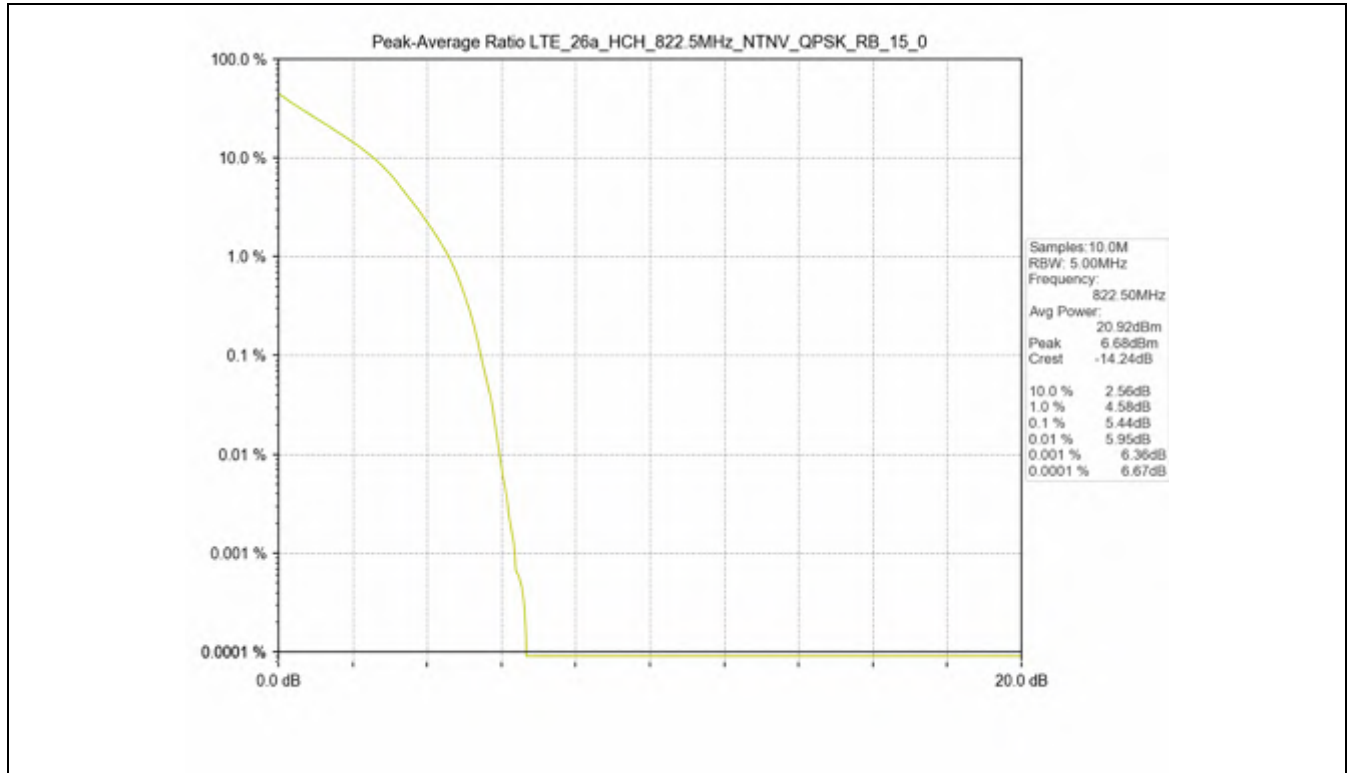




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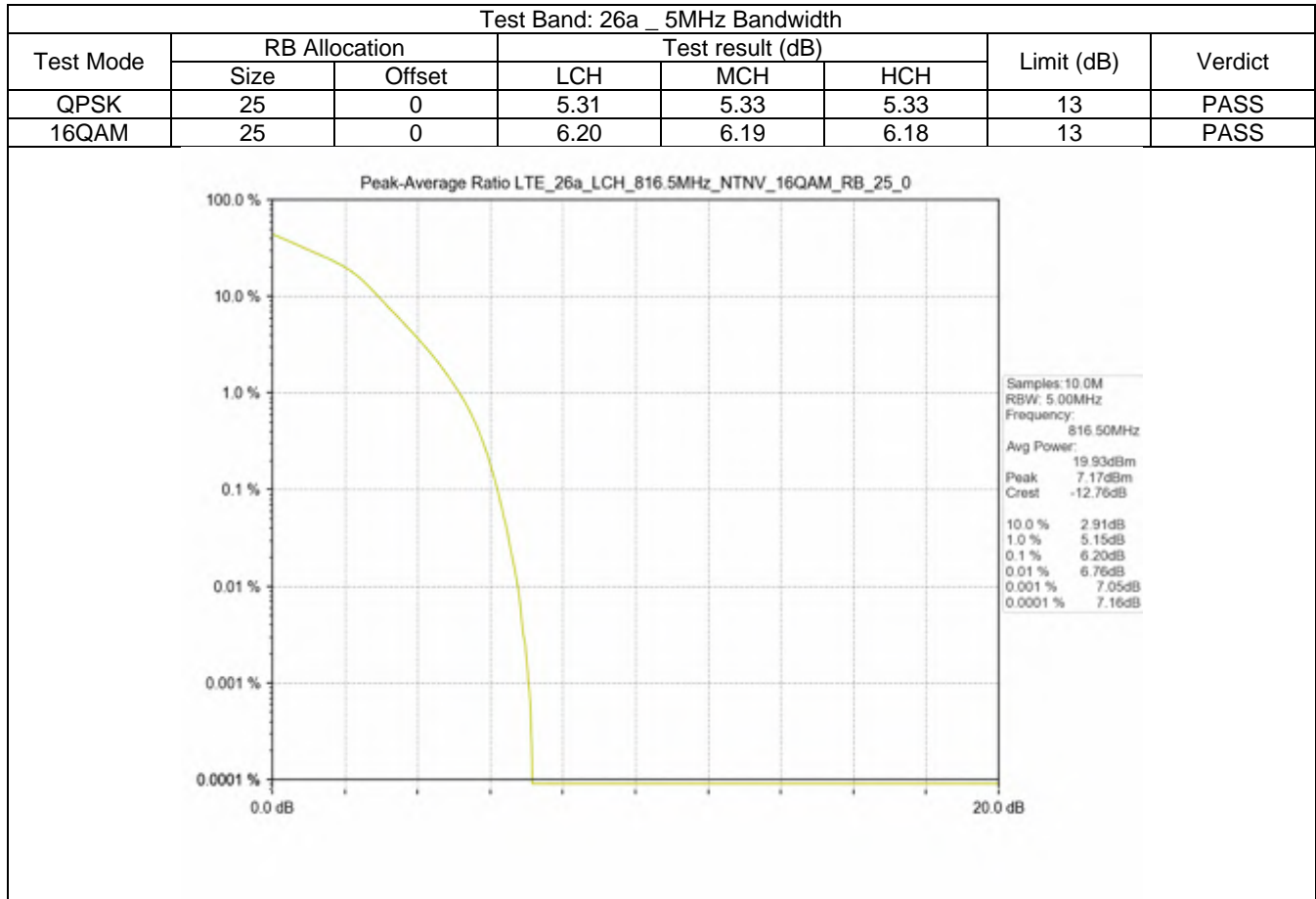
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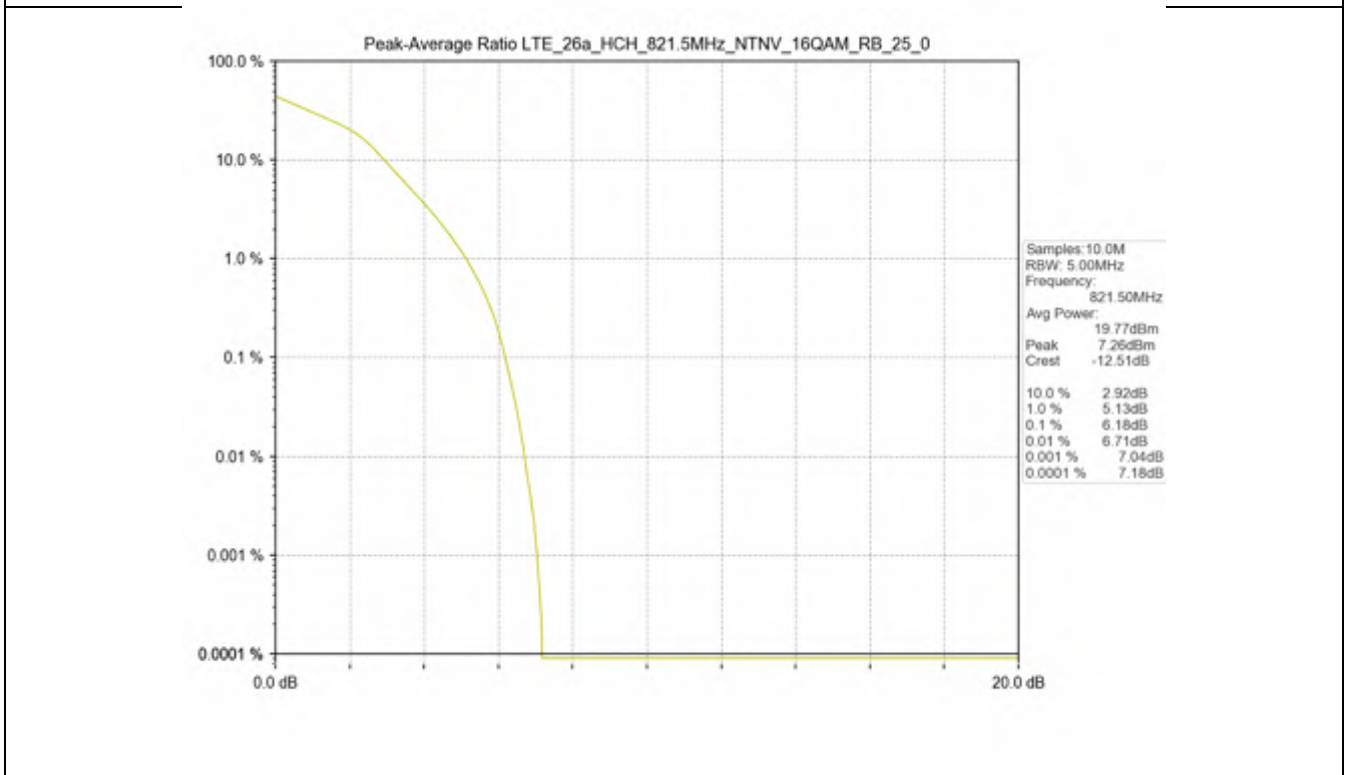
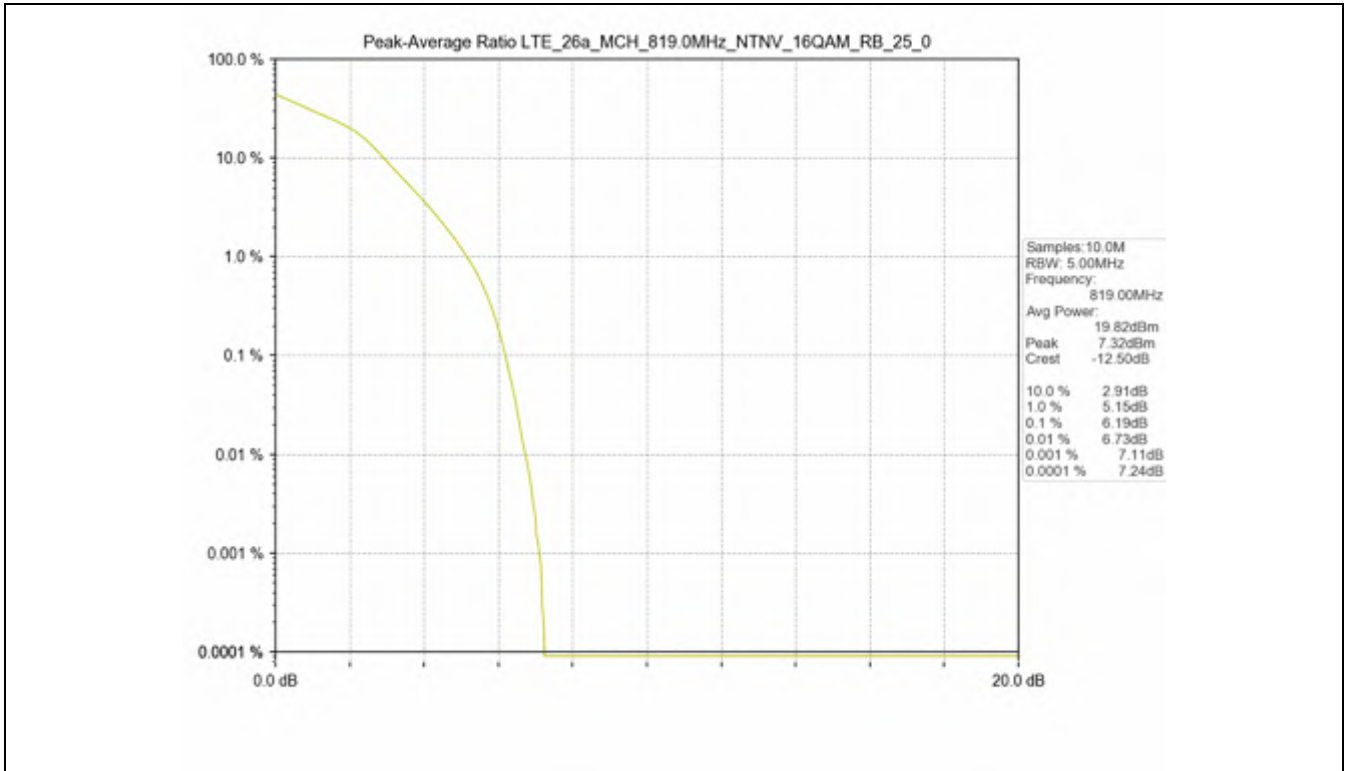
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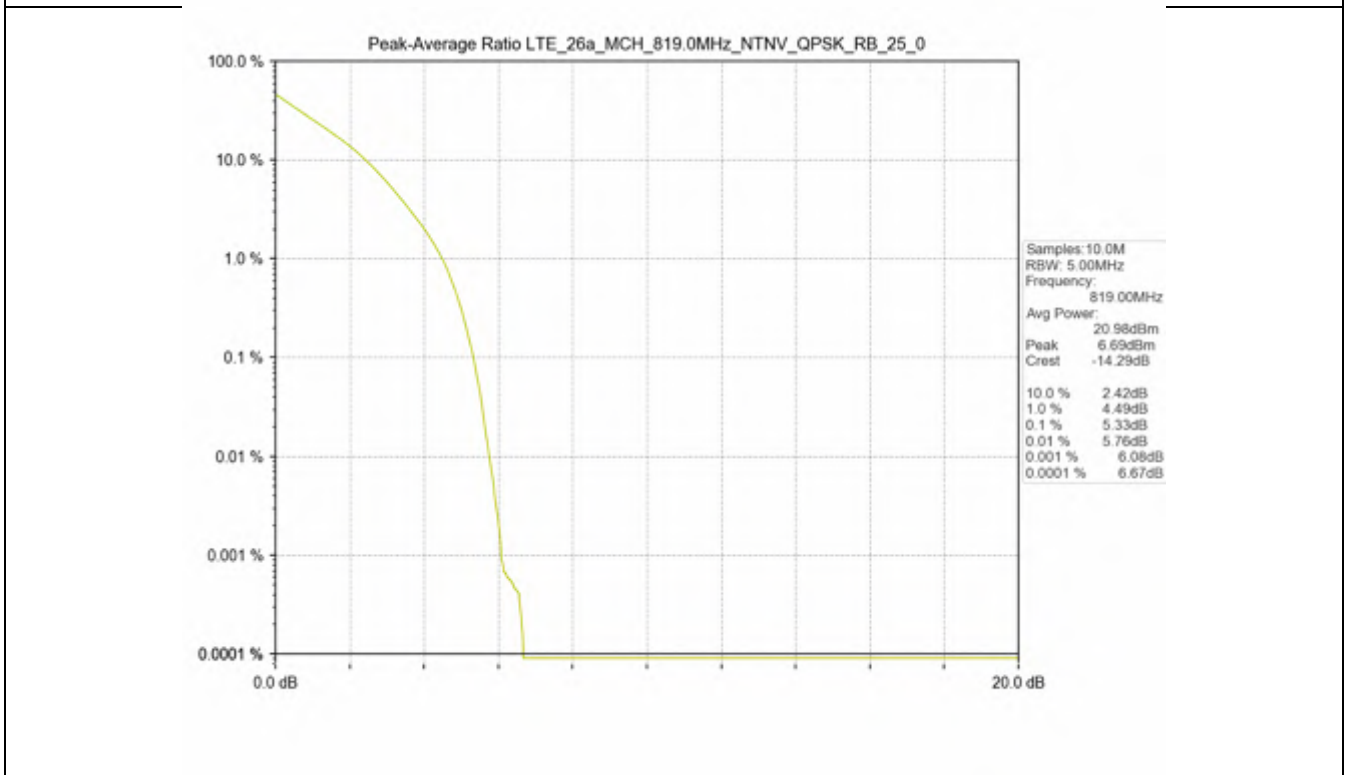
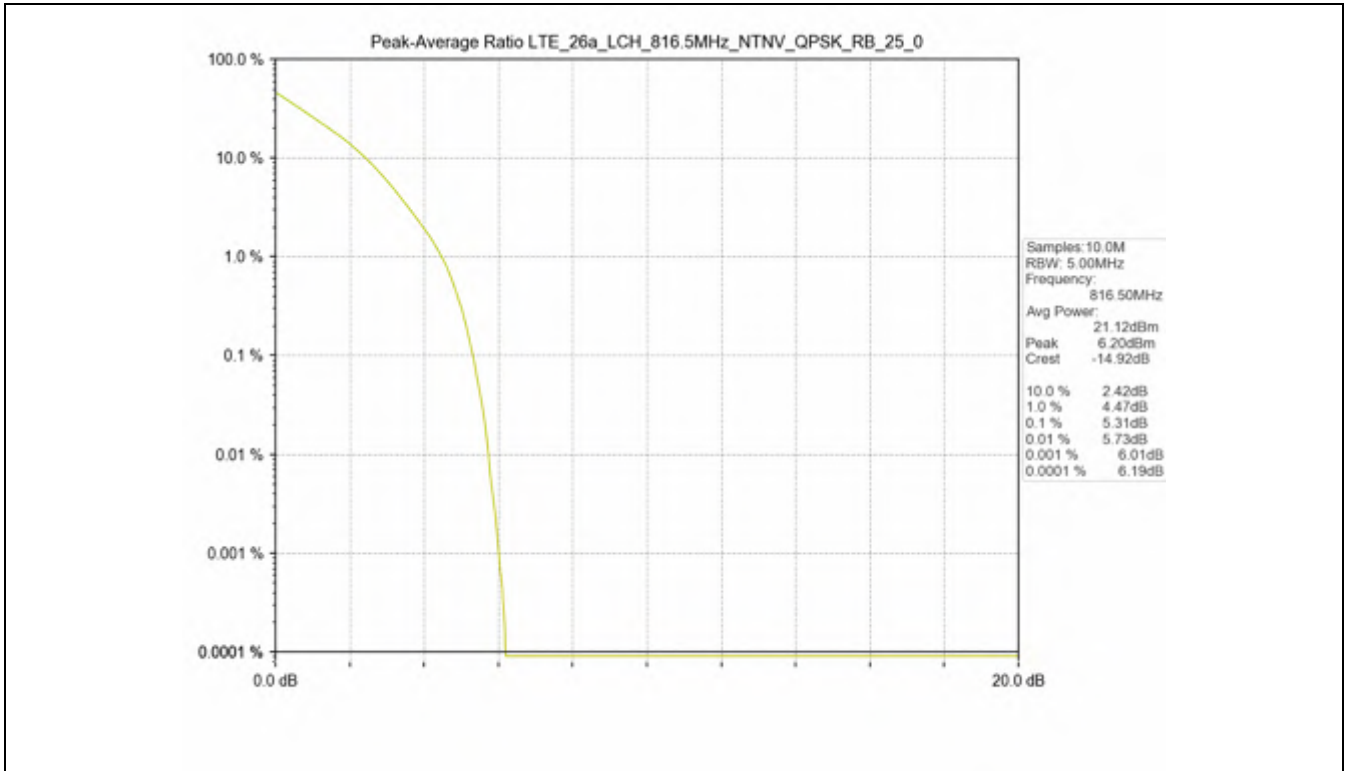
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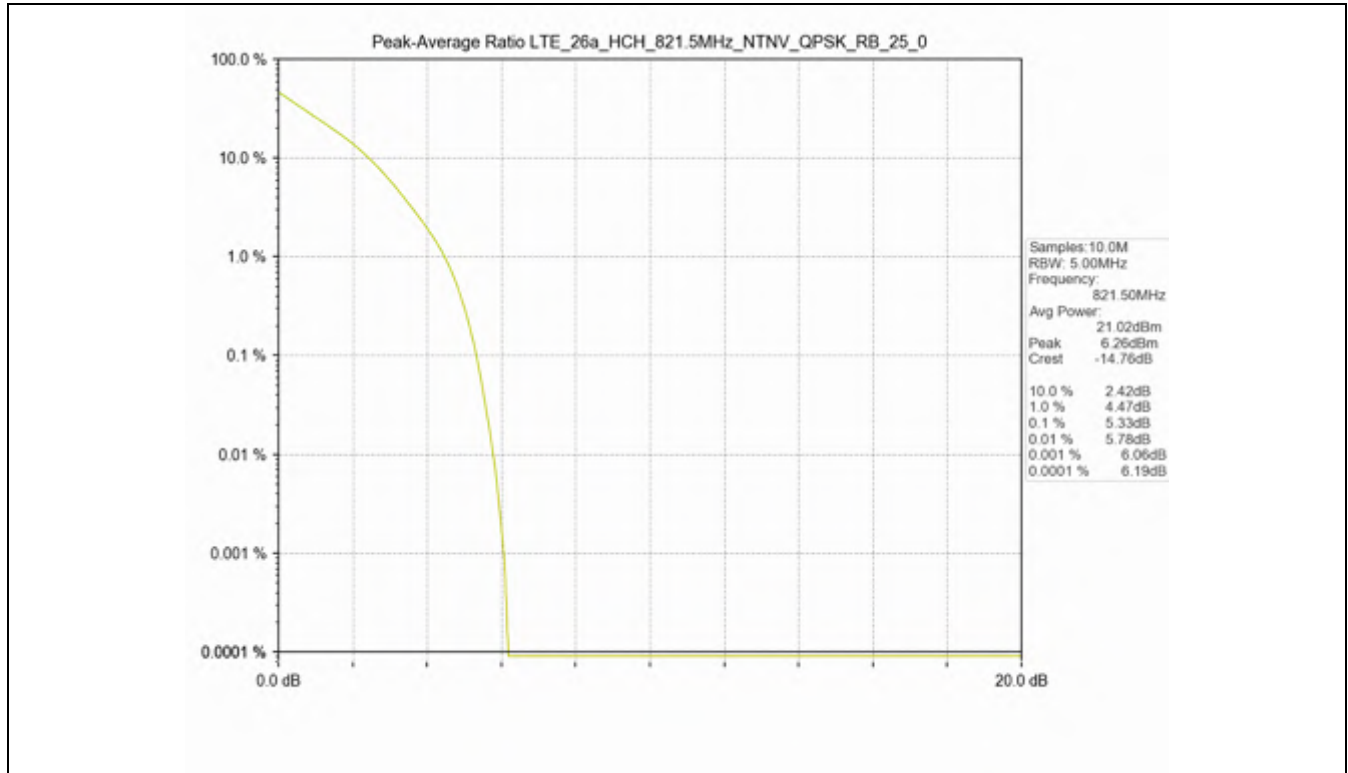
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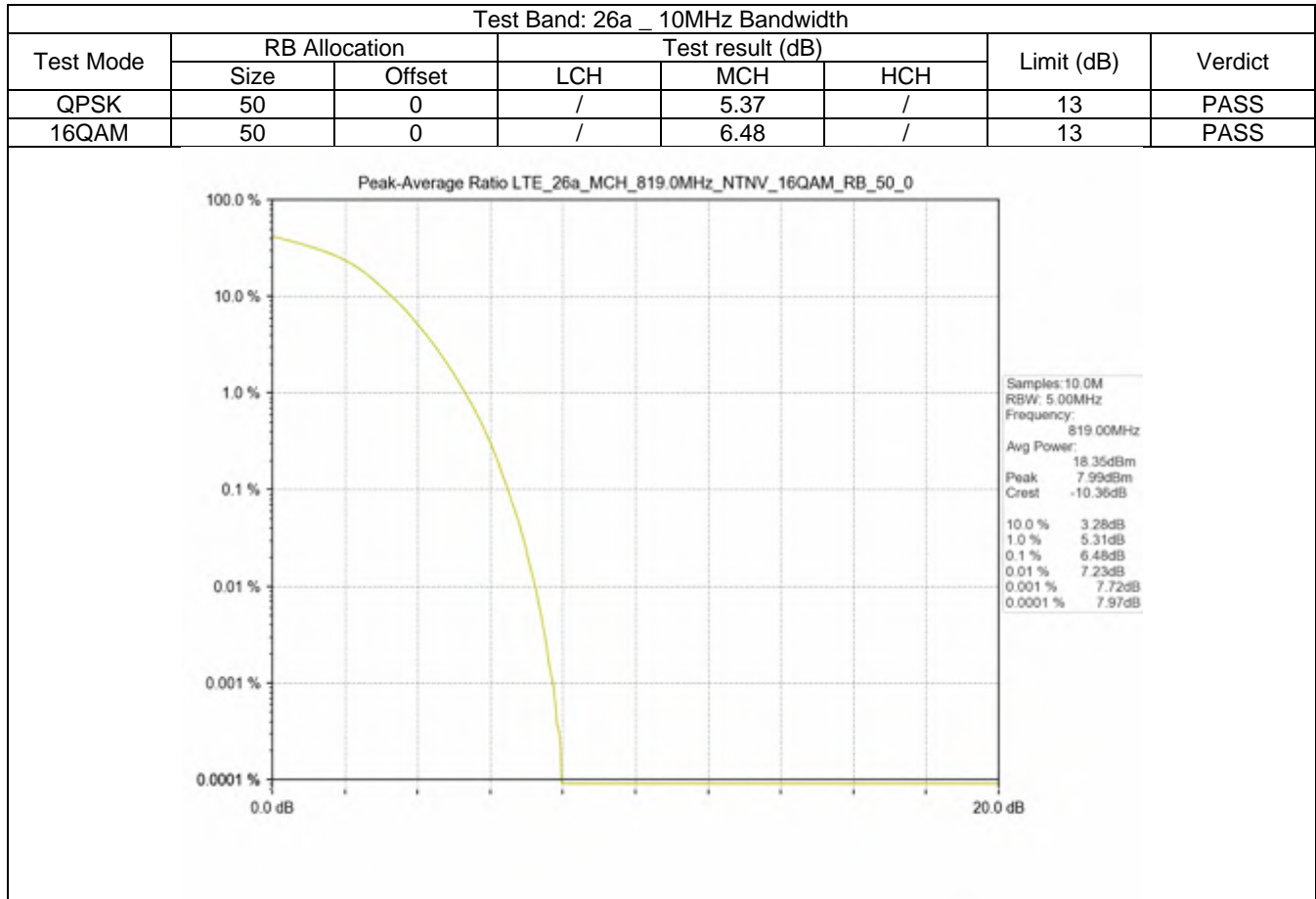
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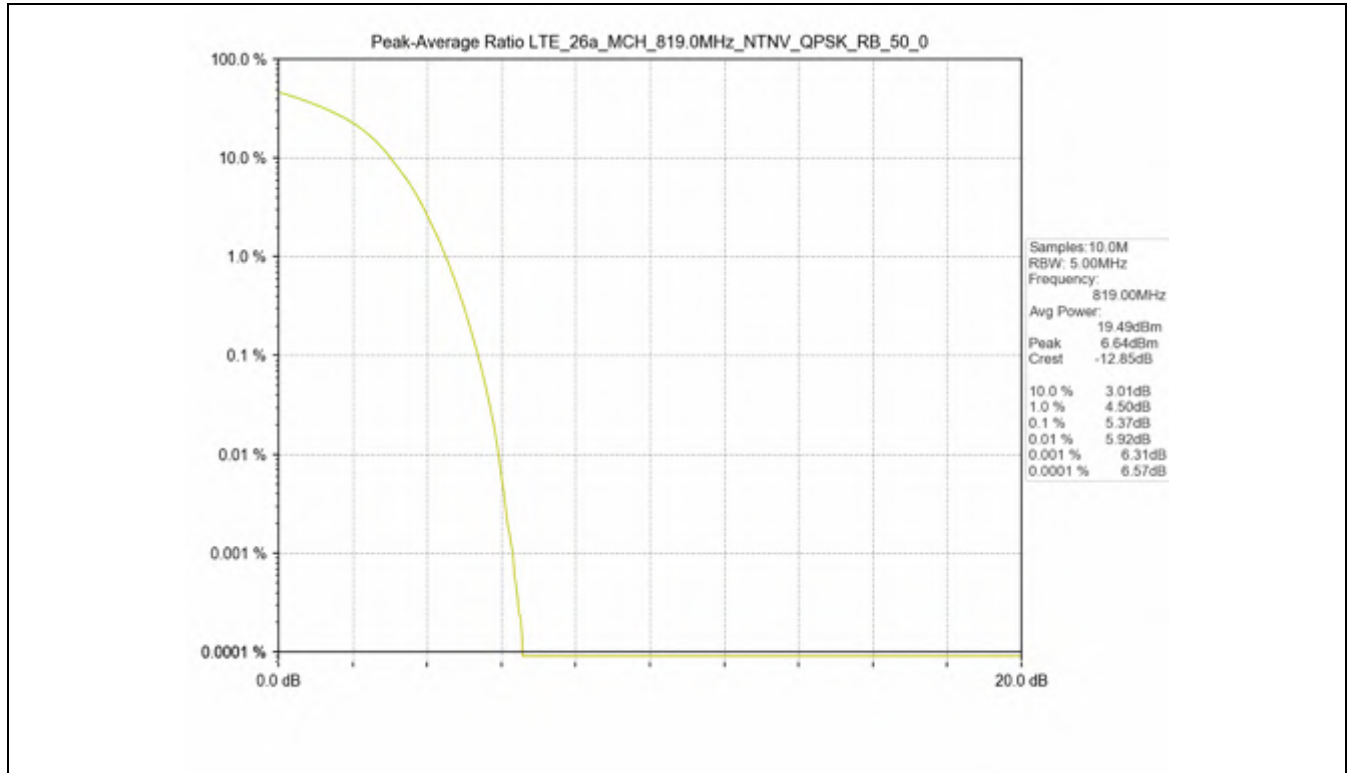
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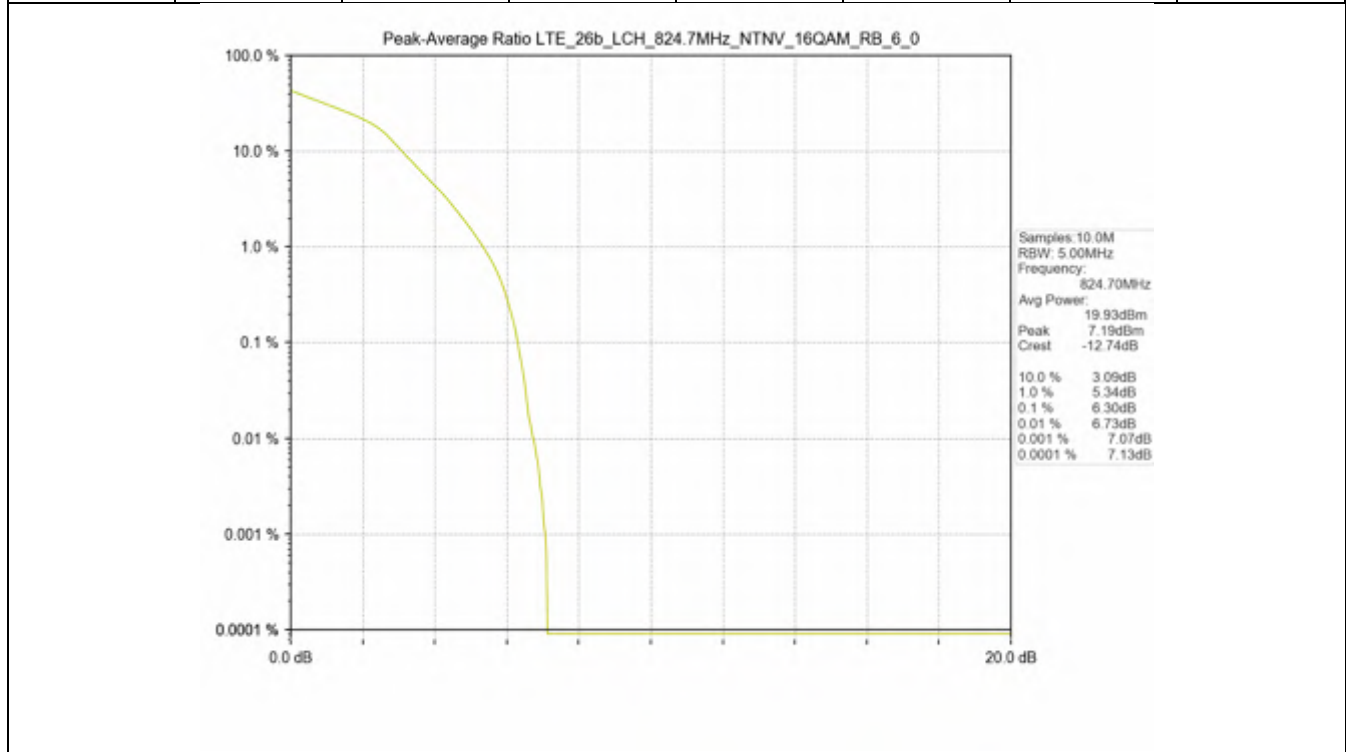
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LTE Band 26b

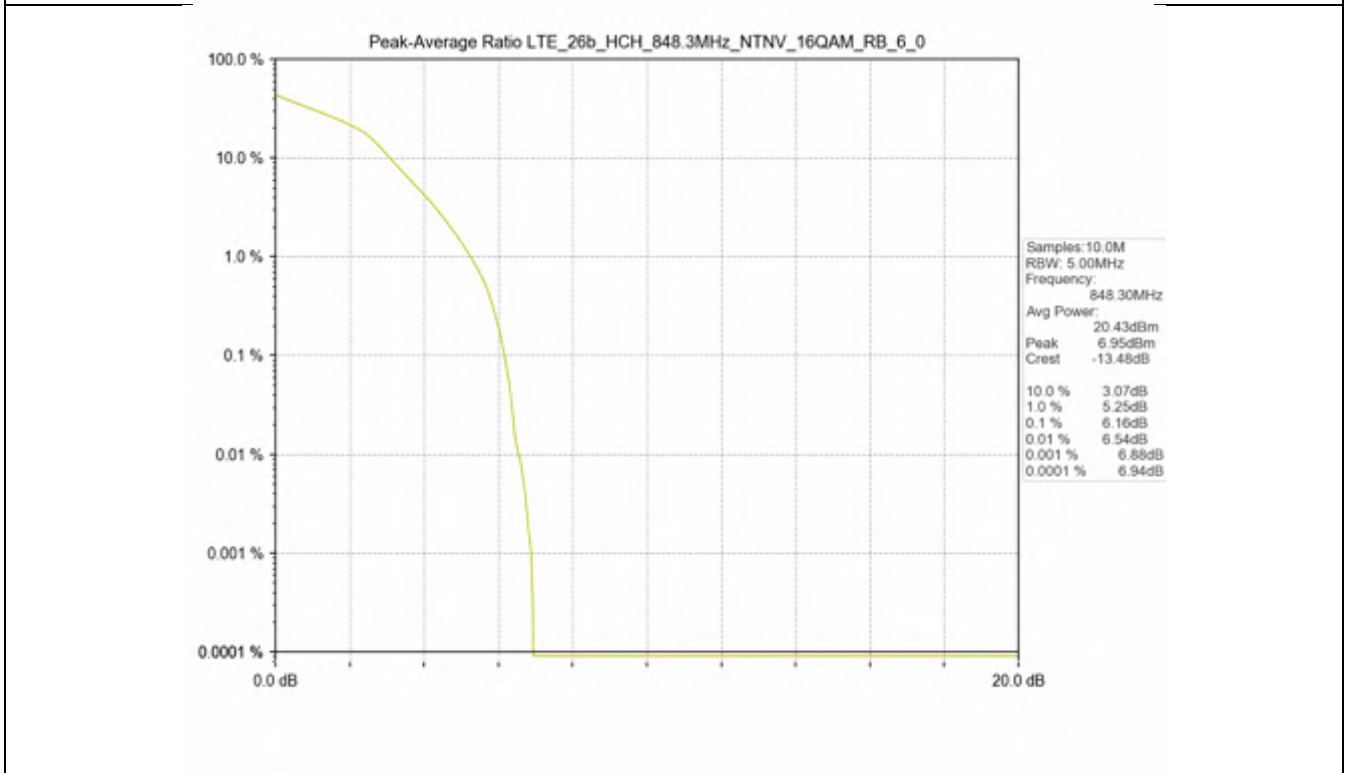
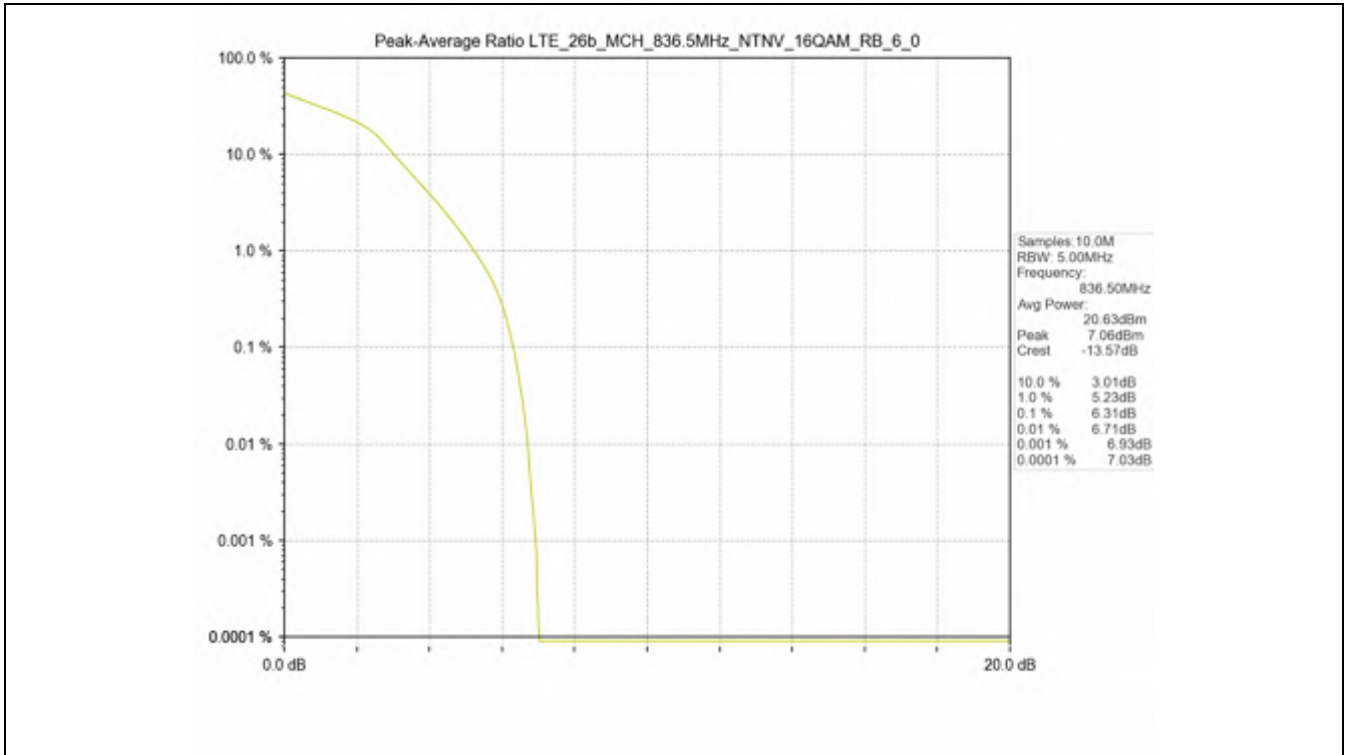
Test Band: 26b_ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	8.39	5.38	8.40	13	PASS
16QAM	6	0	6.30	6.31	6.16	13	PASS



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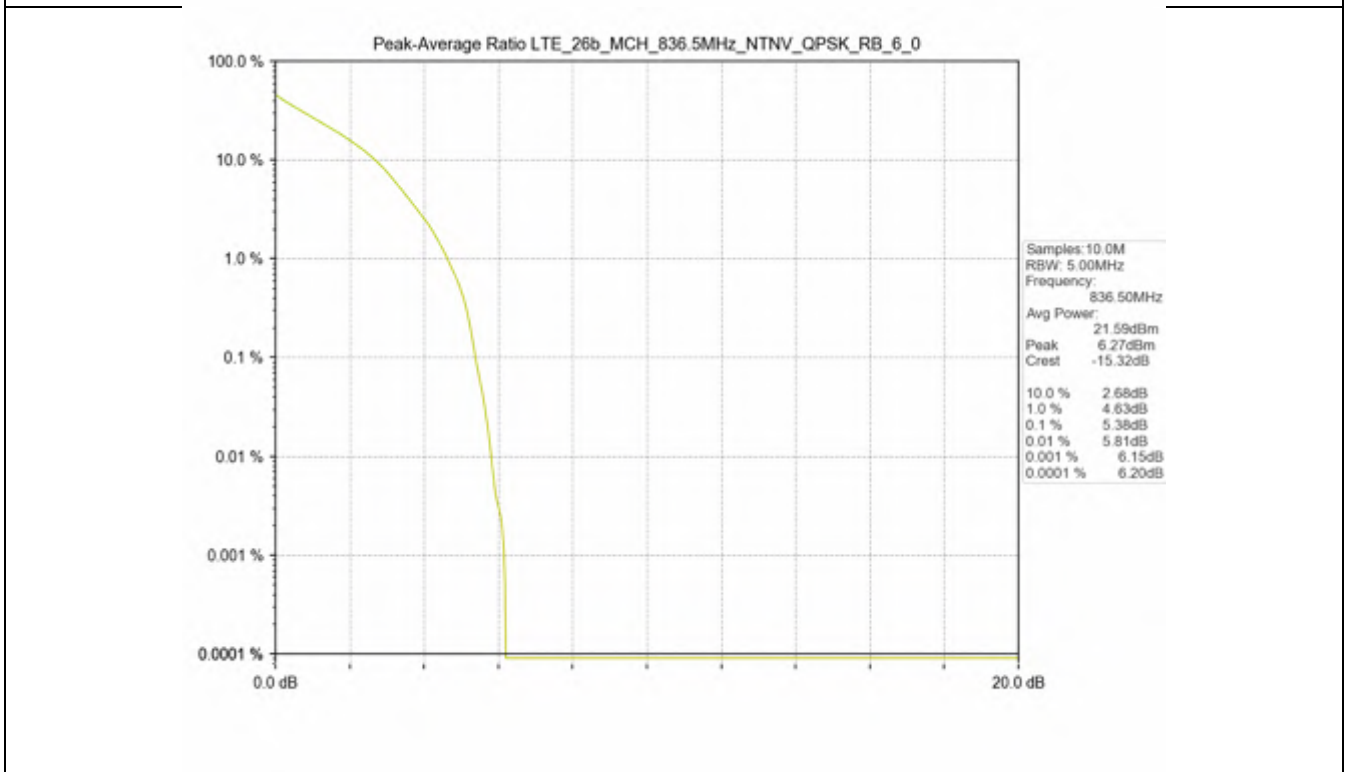
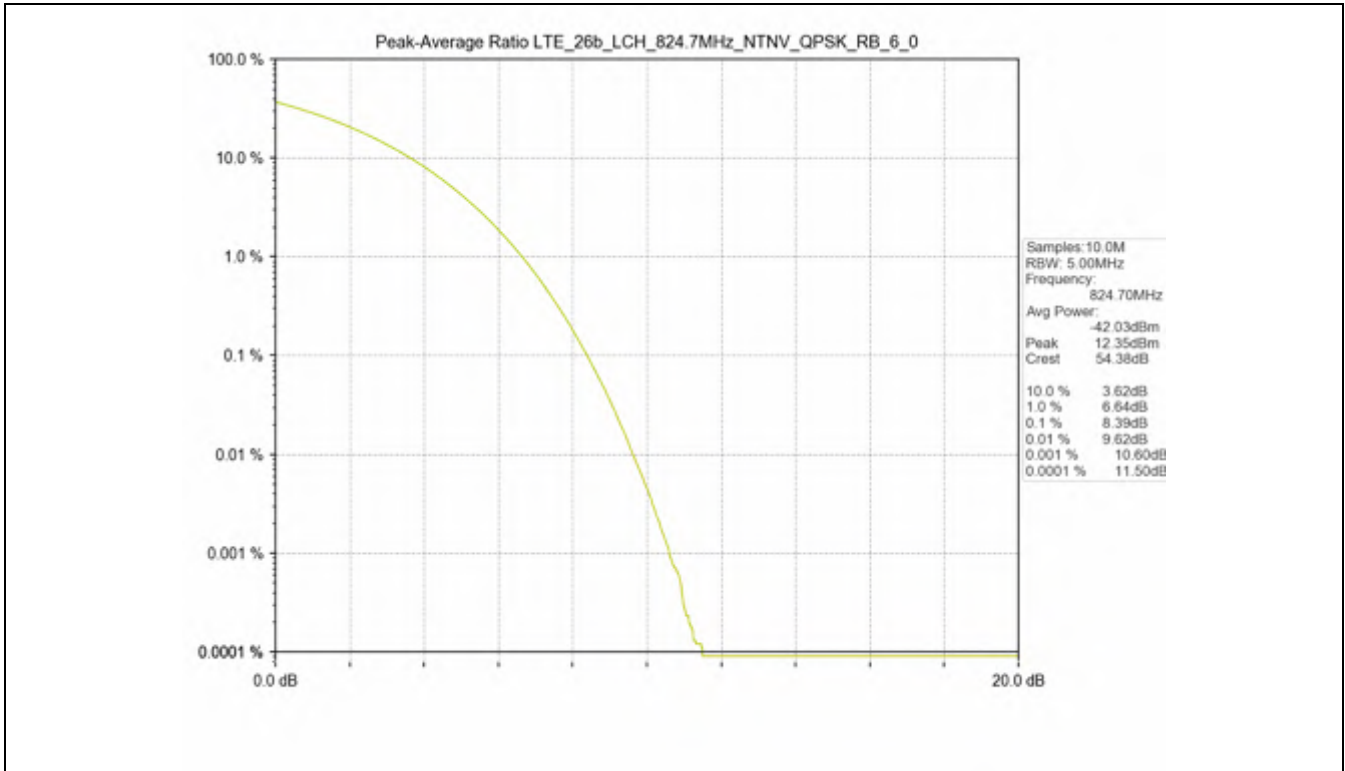
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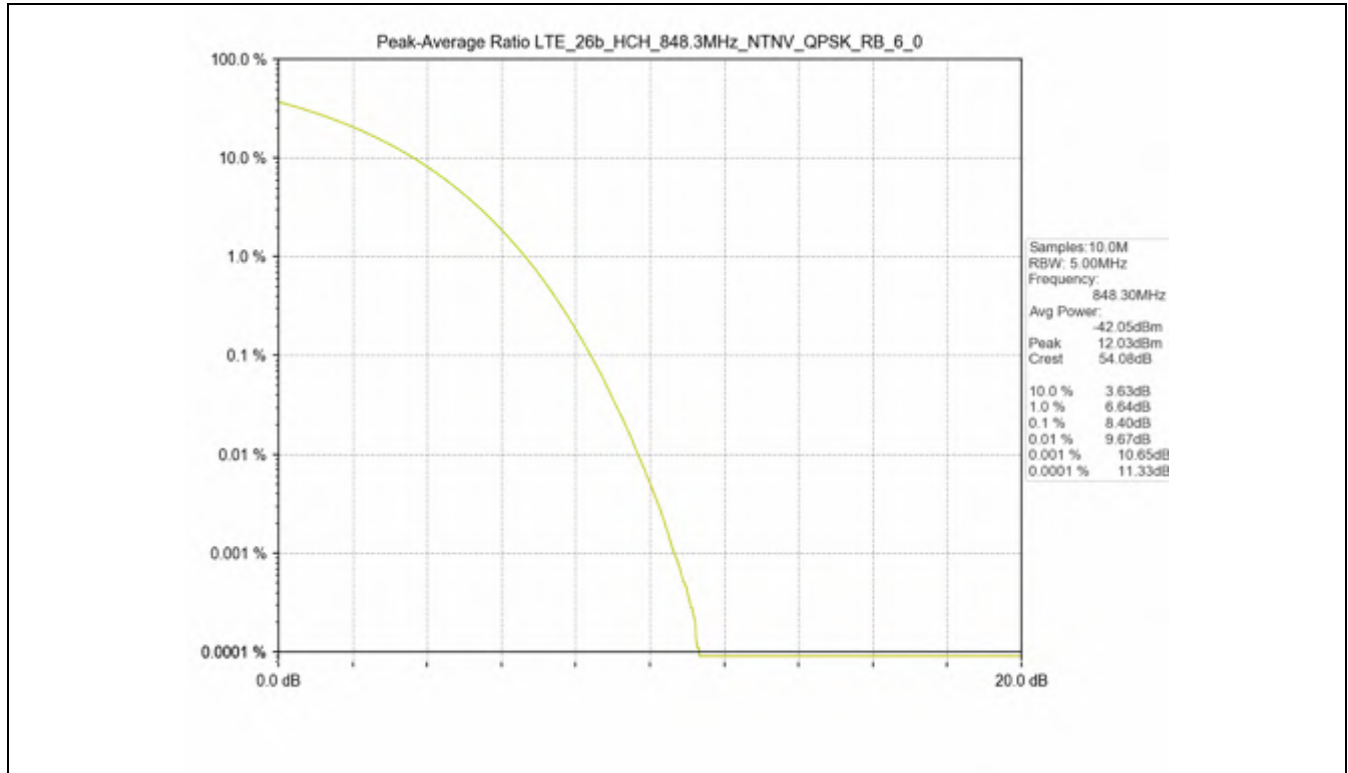
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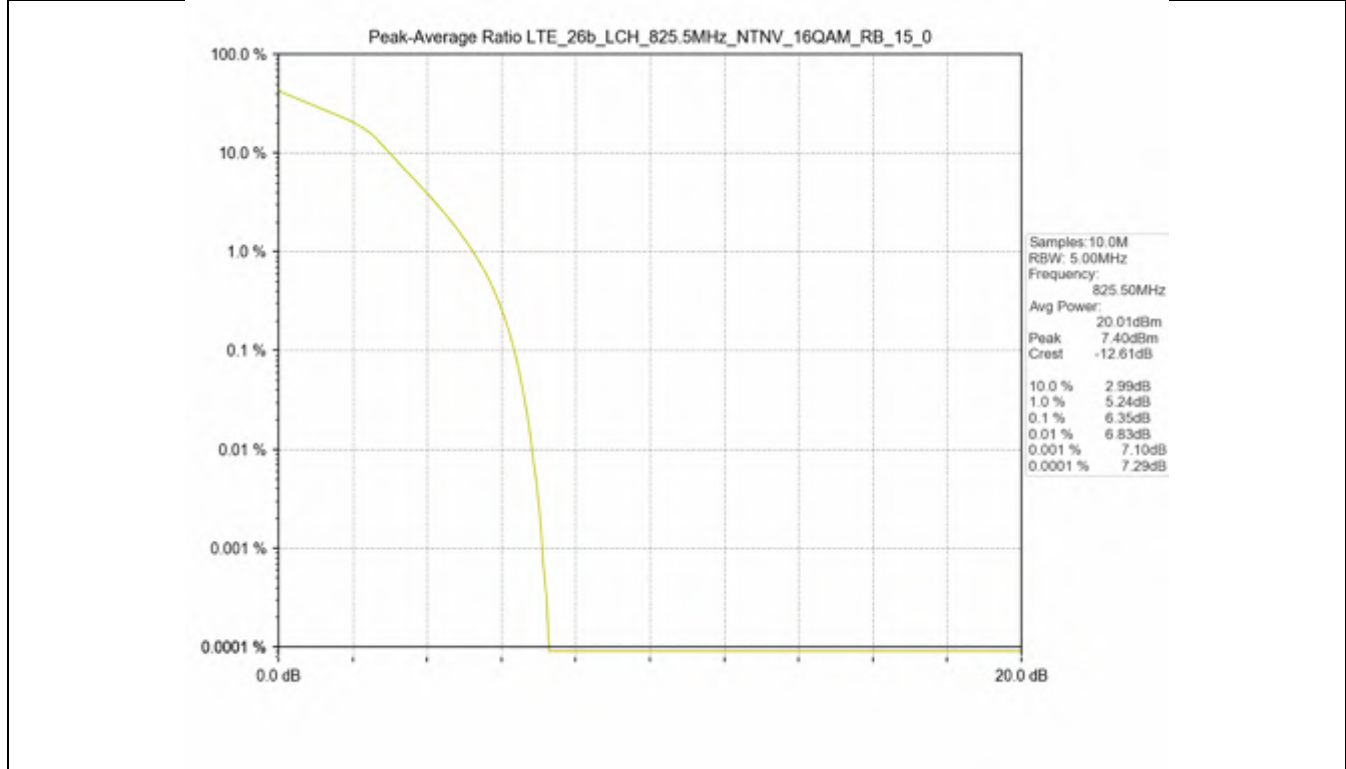
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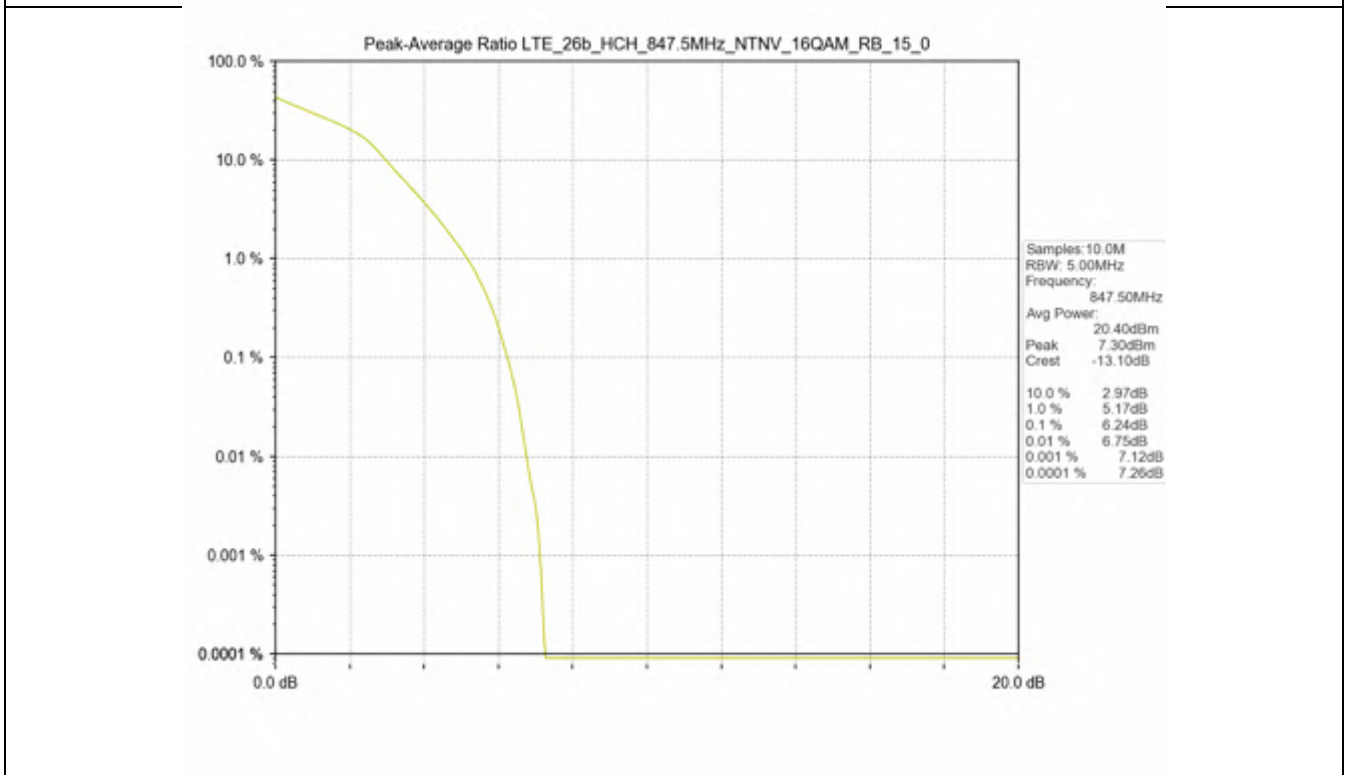
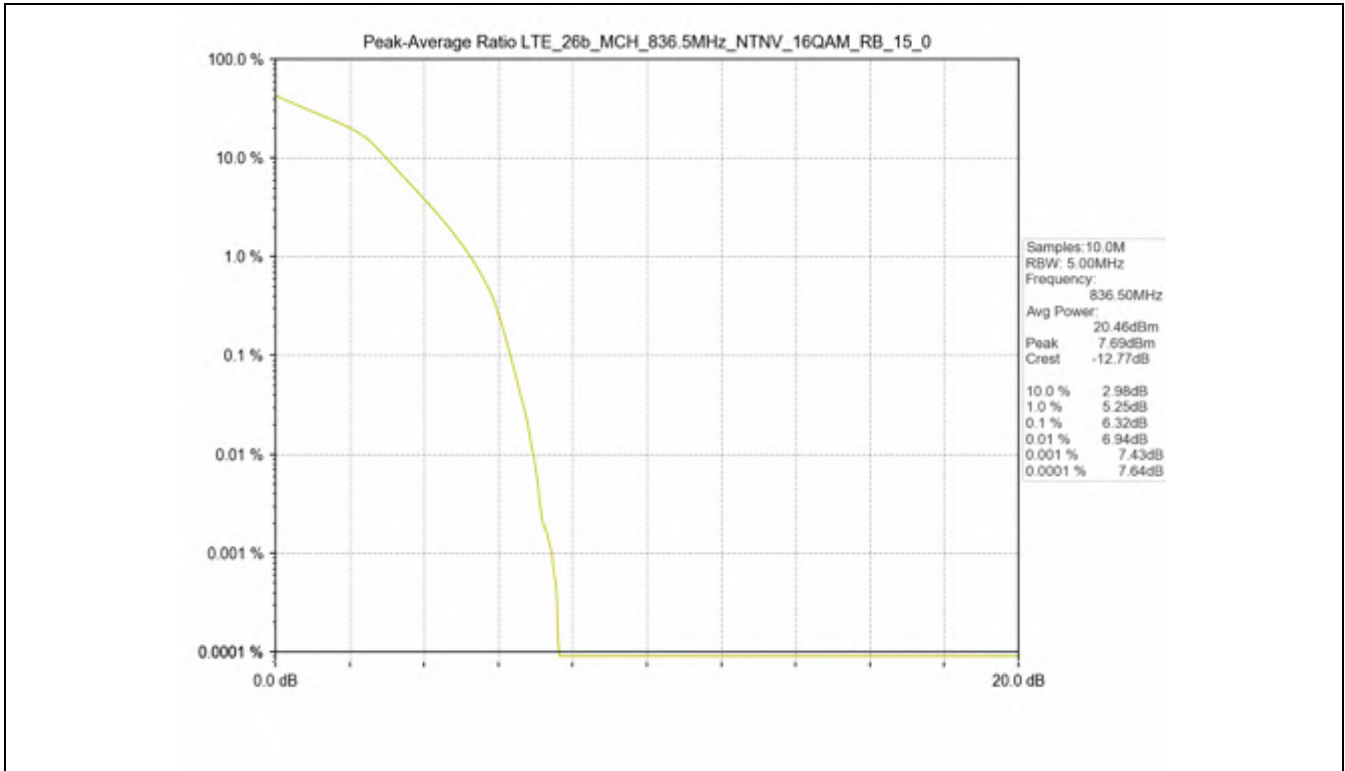


Test Band: 26b _ 3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	5.47	5.42	5.35	13	PASS
16QAM	15	0	6.35	6.32	6.24	13	PASS



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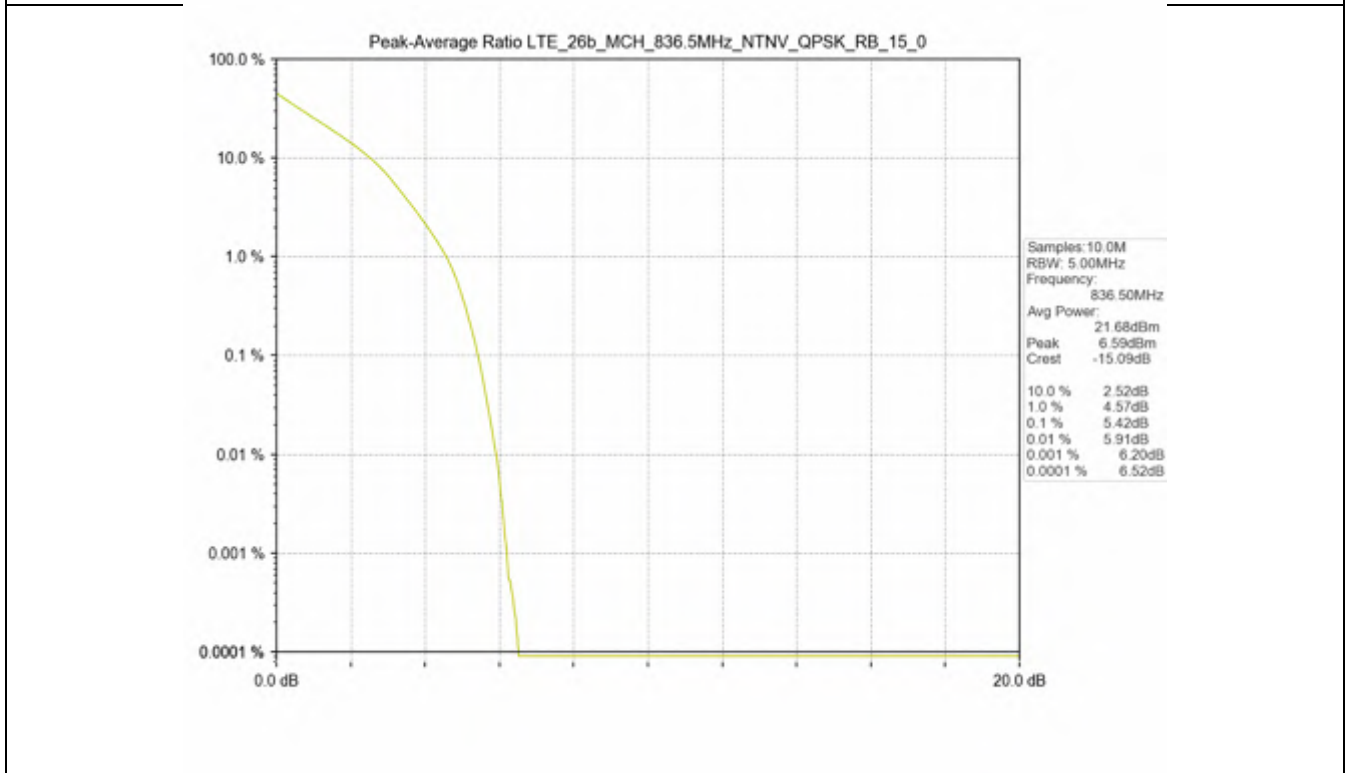
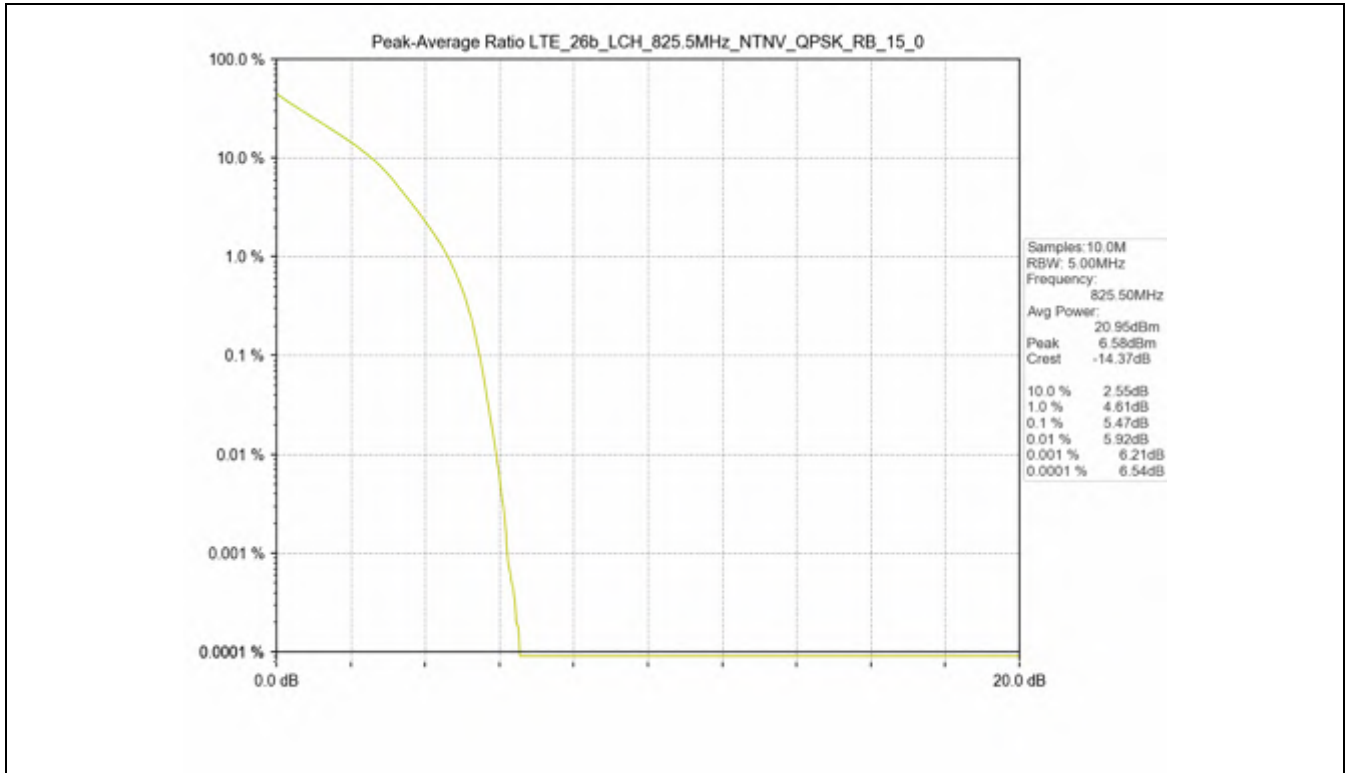
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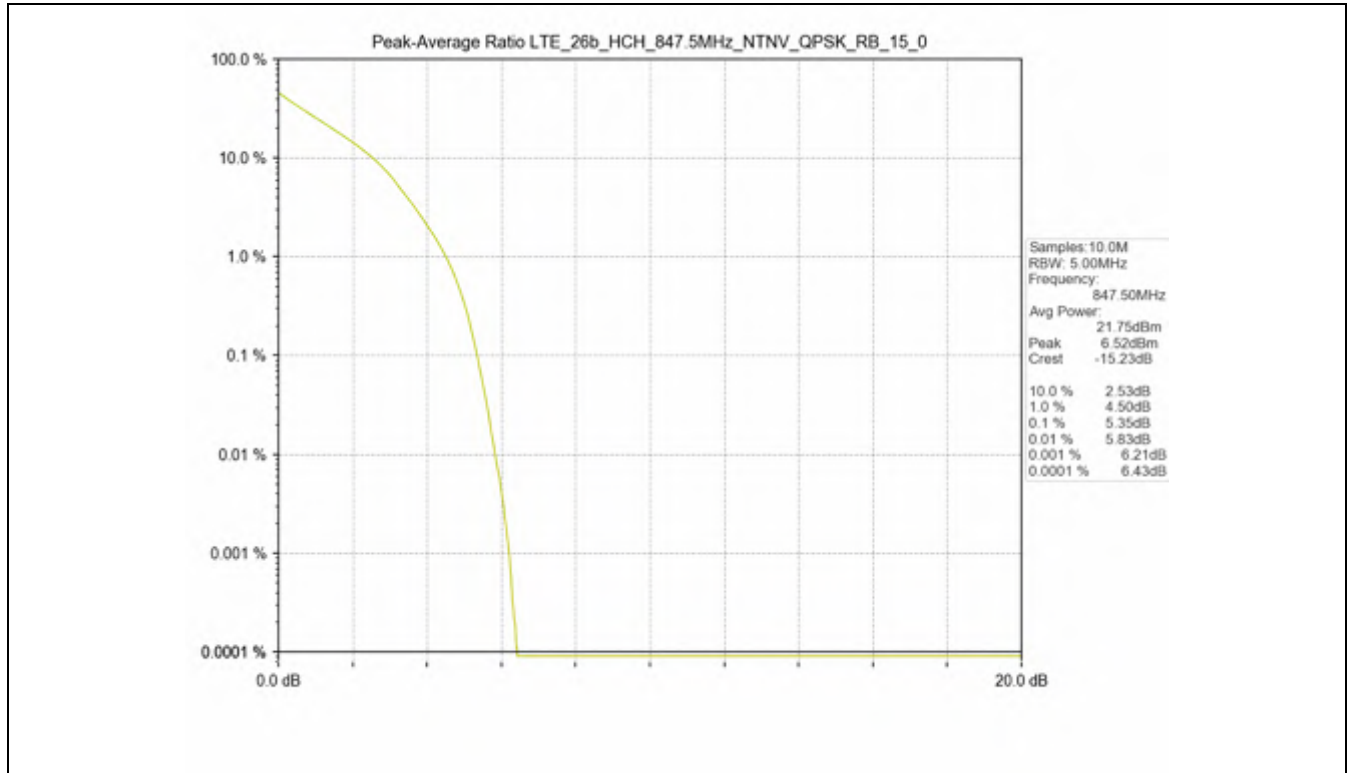
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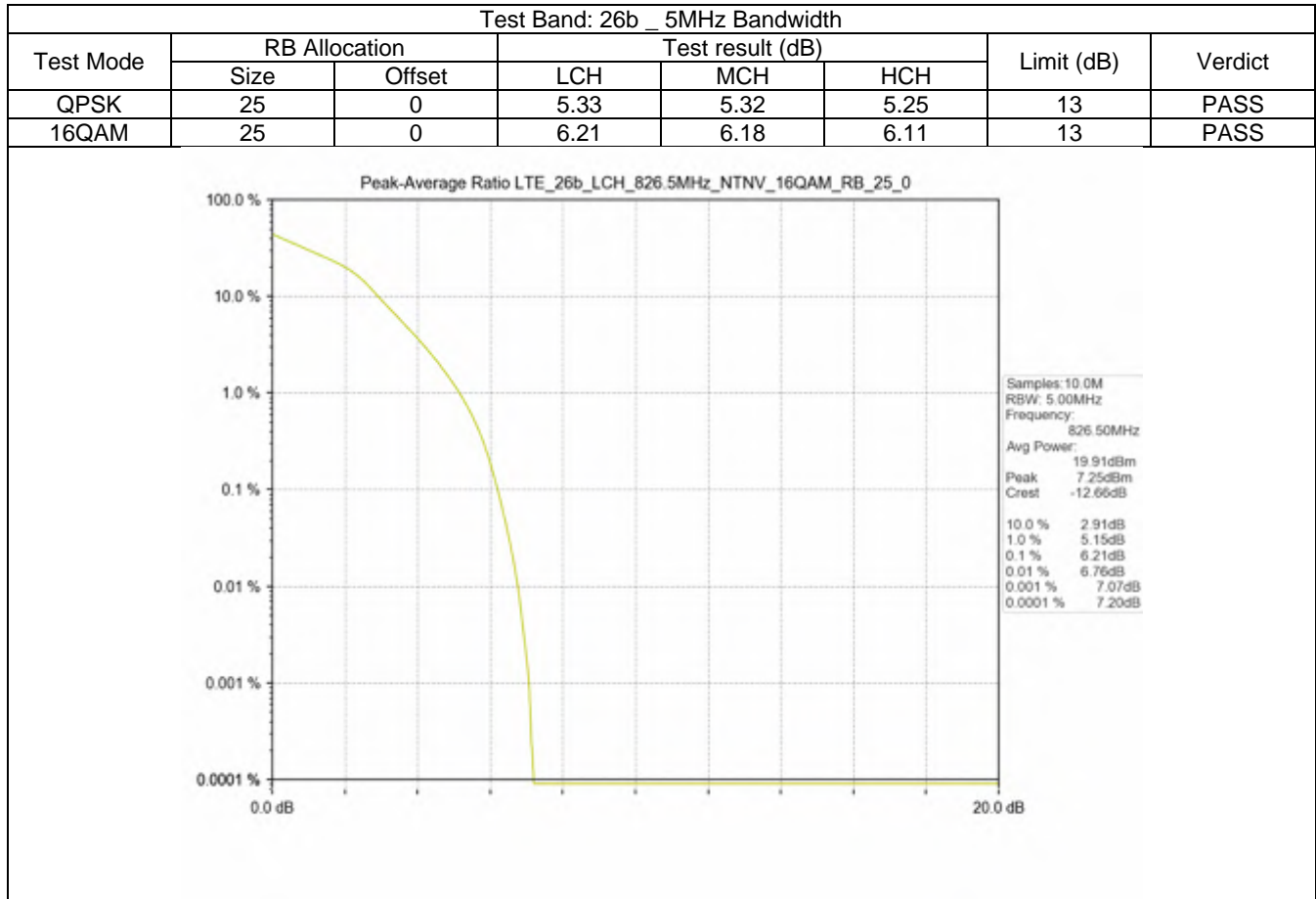


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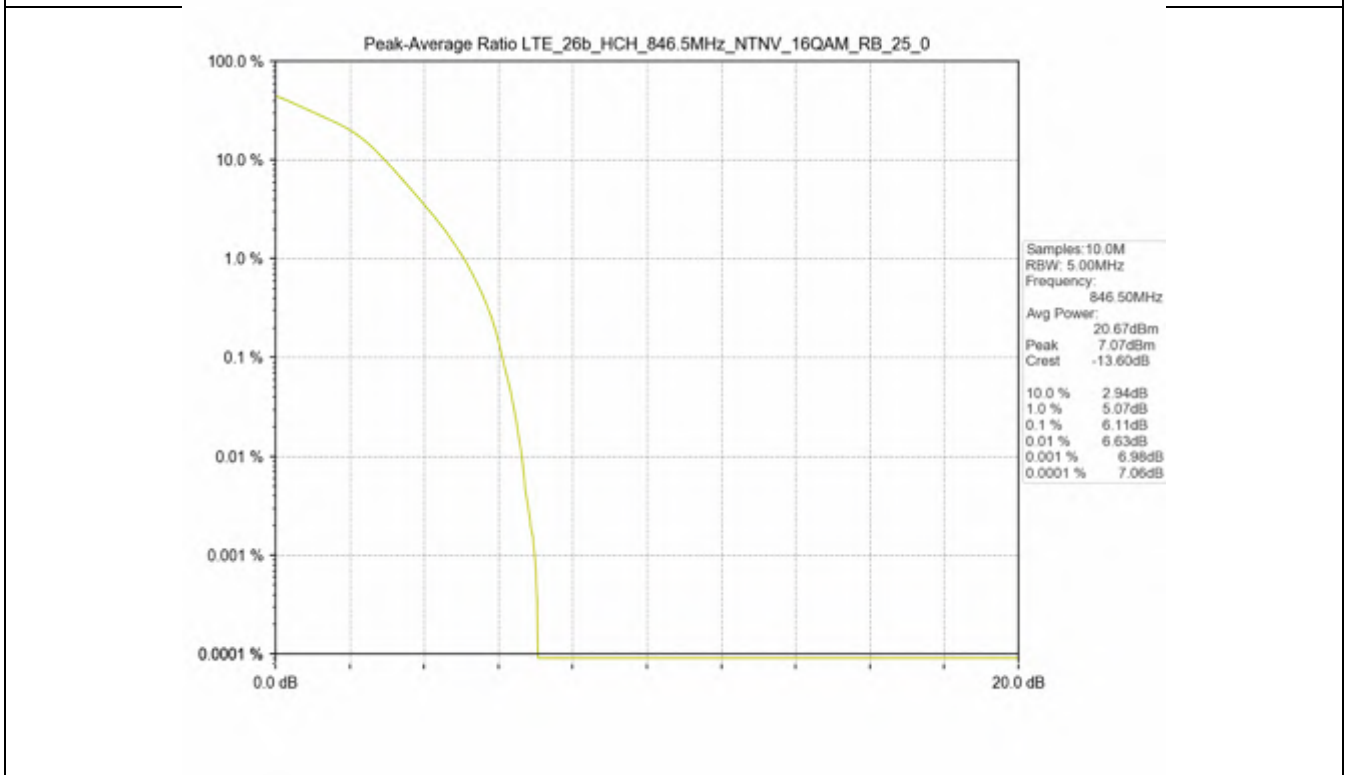
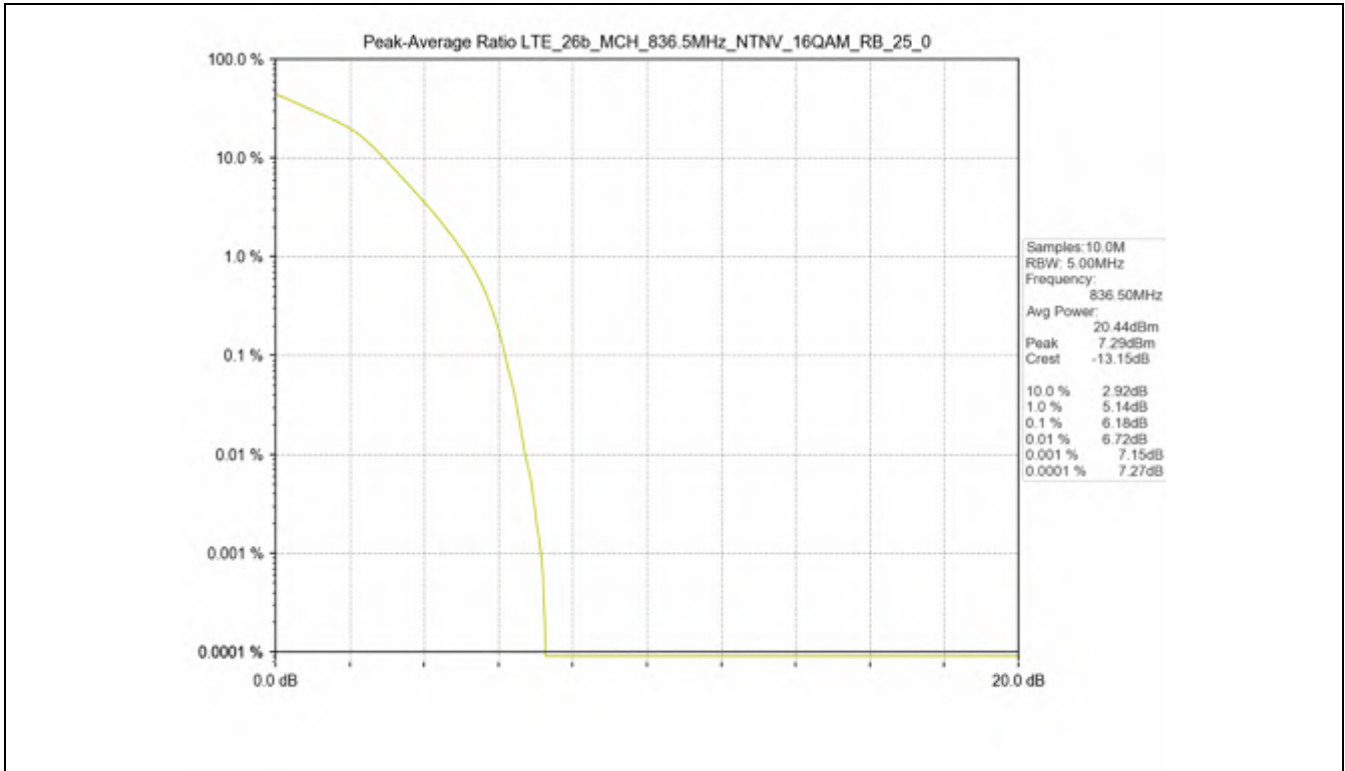




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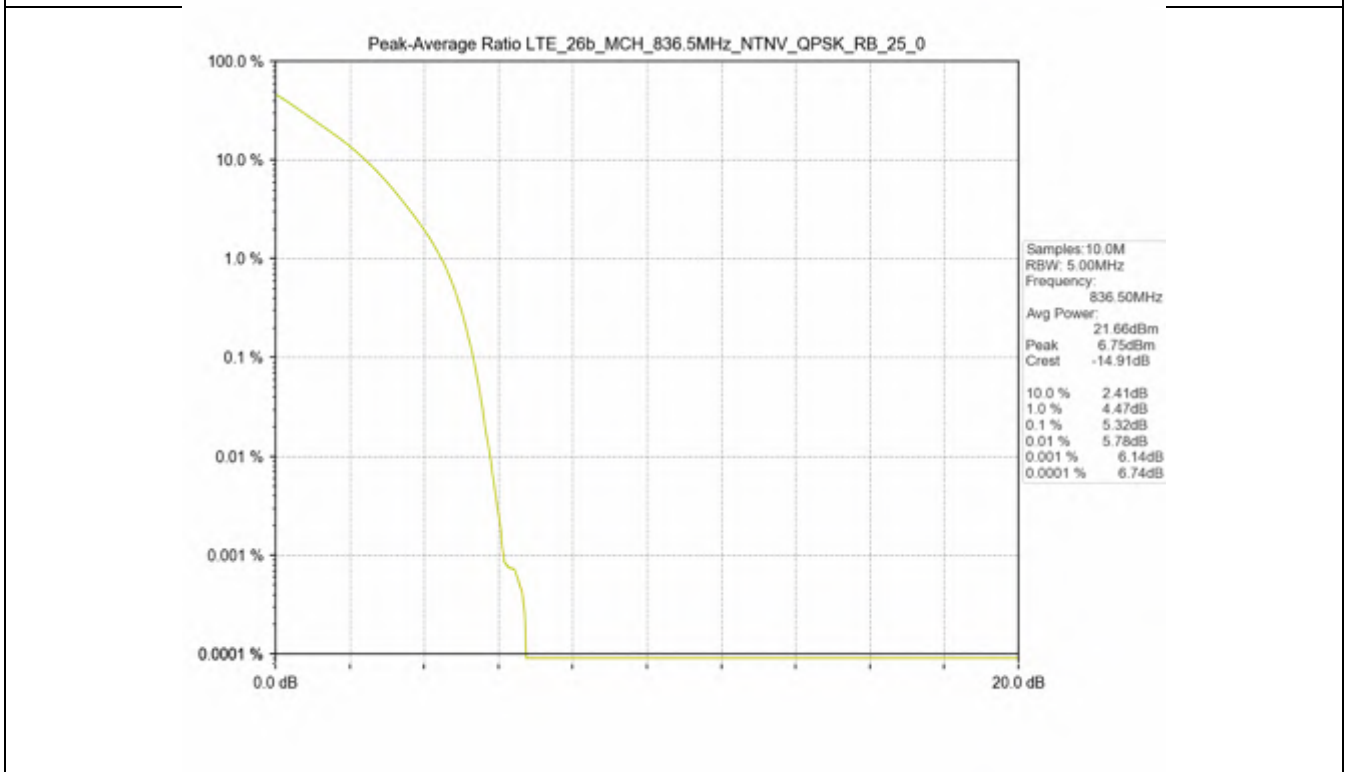
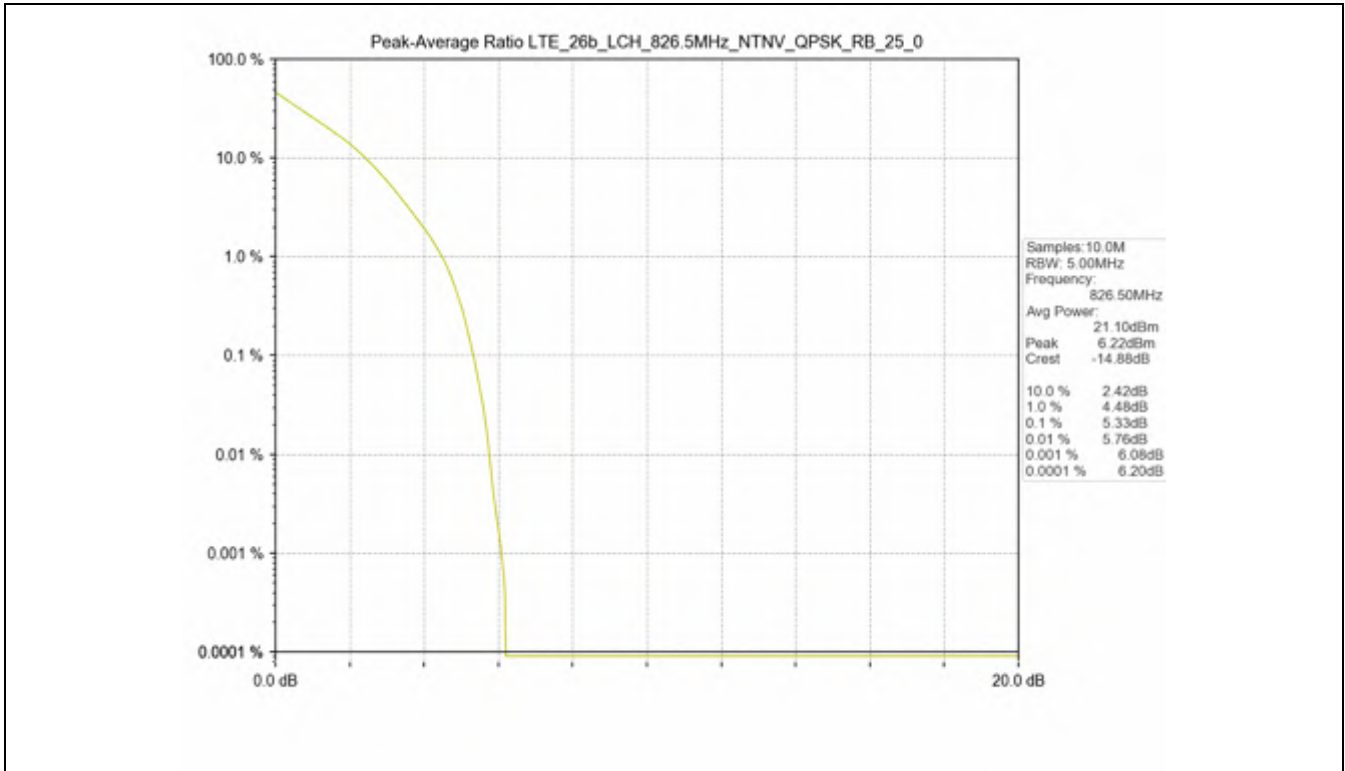
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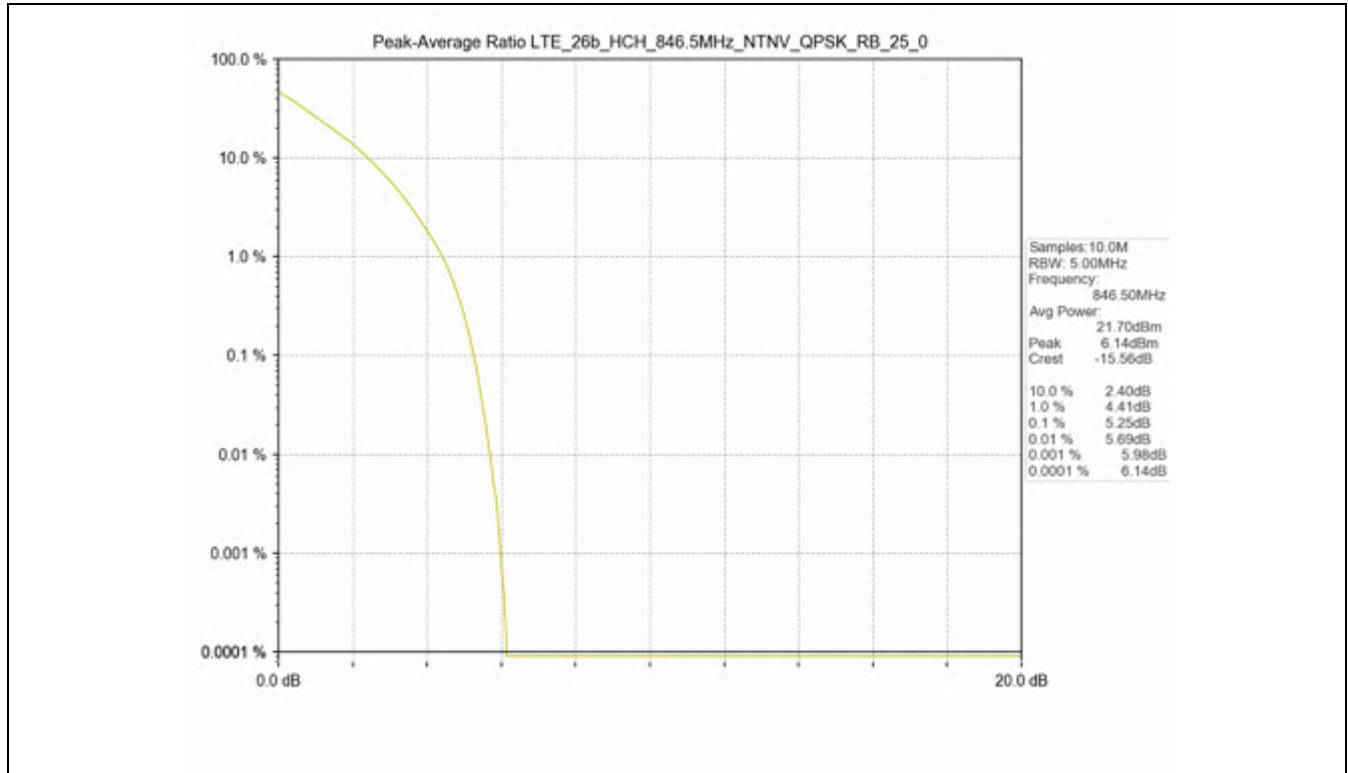
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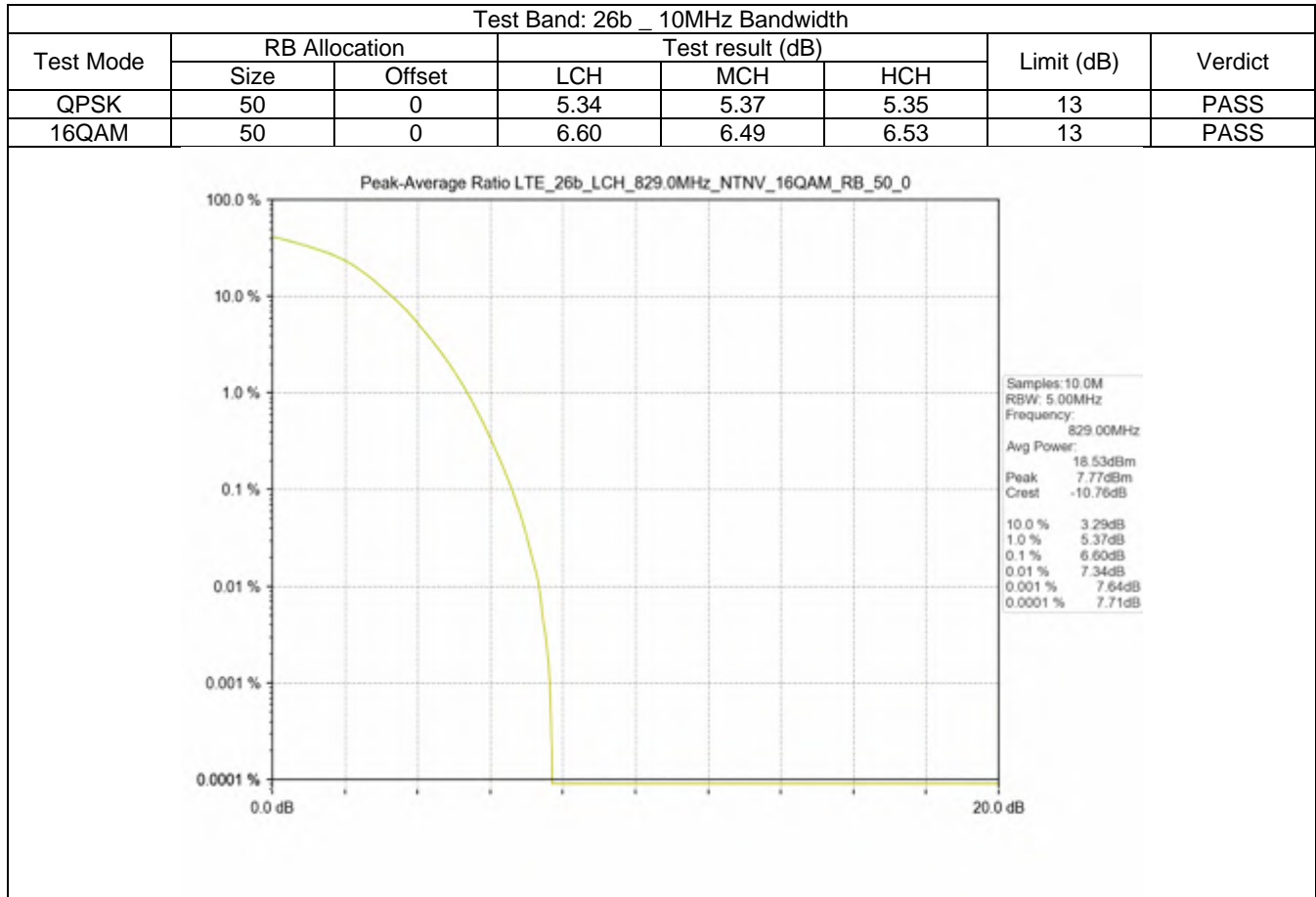
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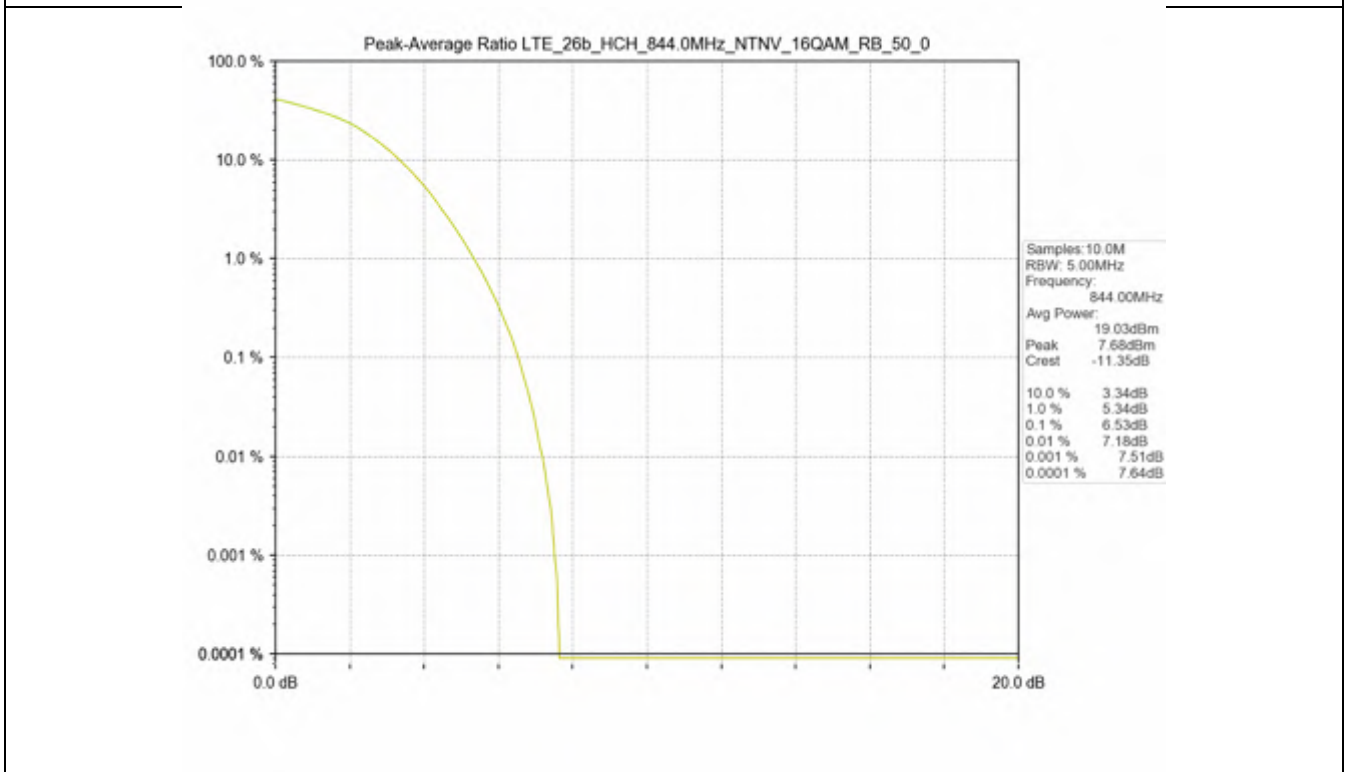
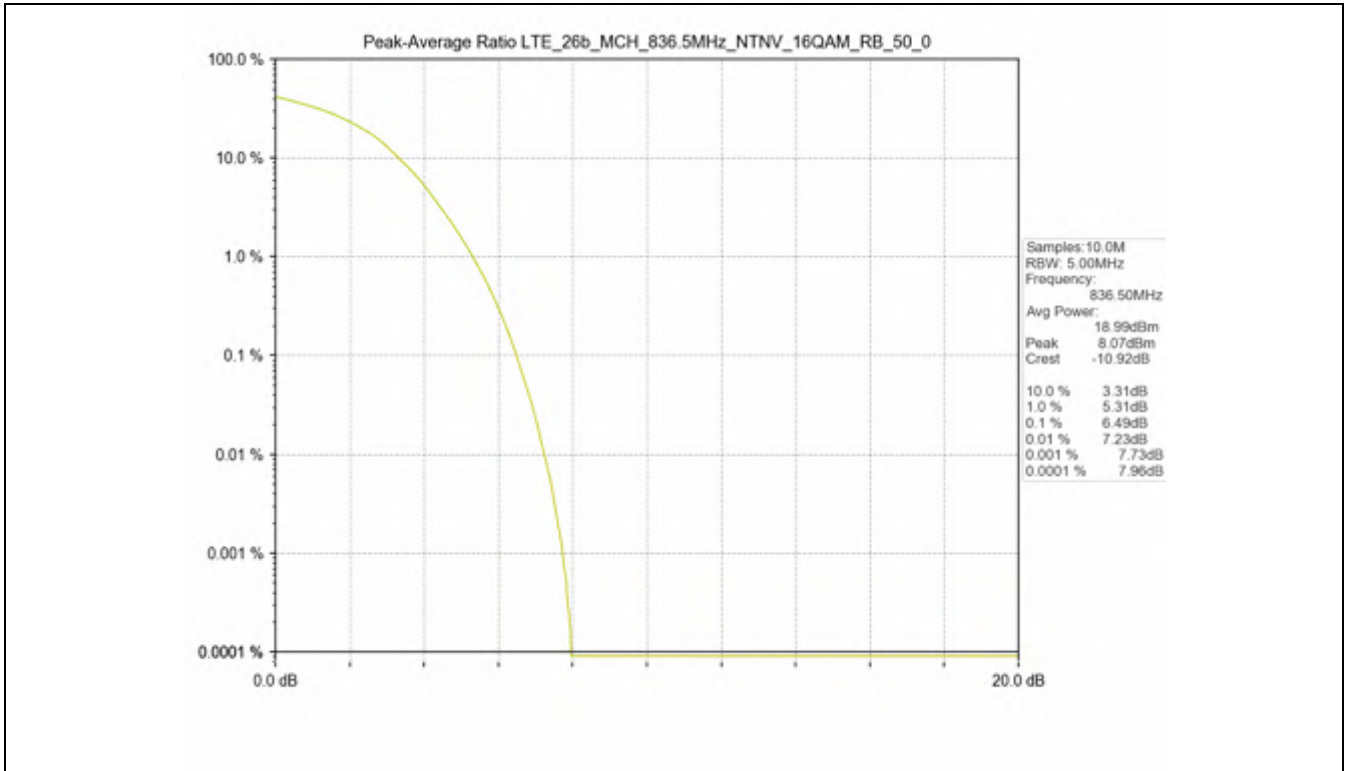
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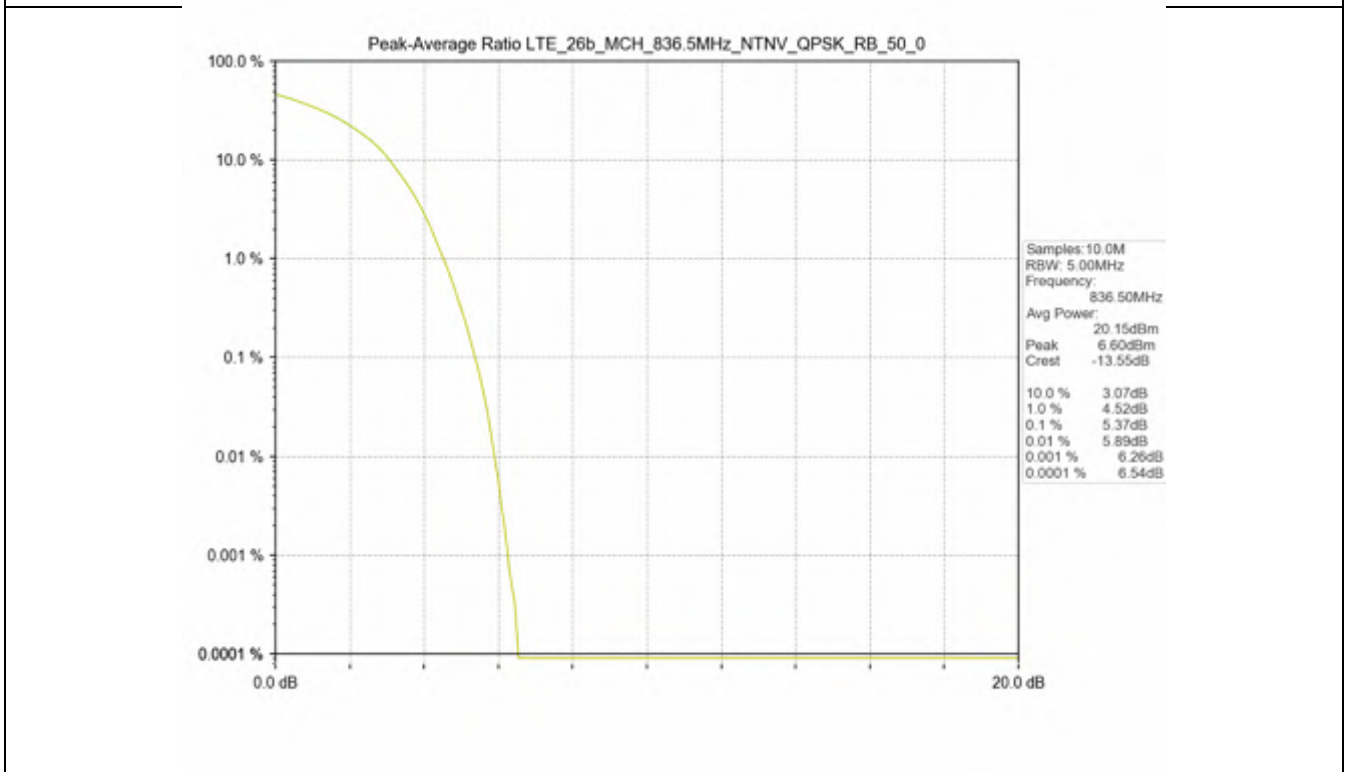
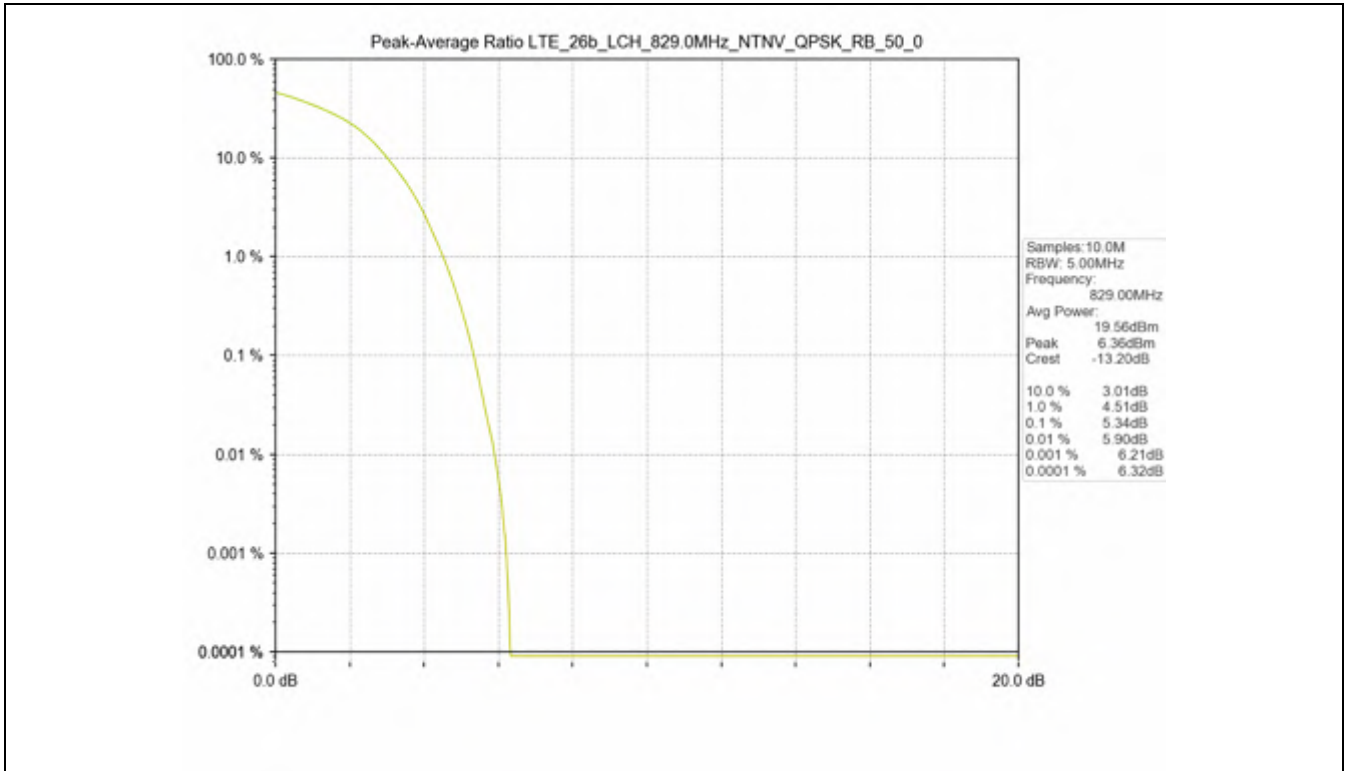
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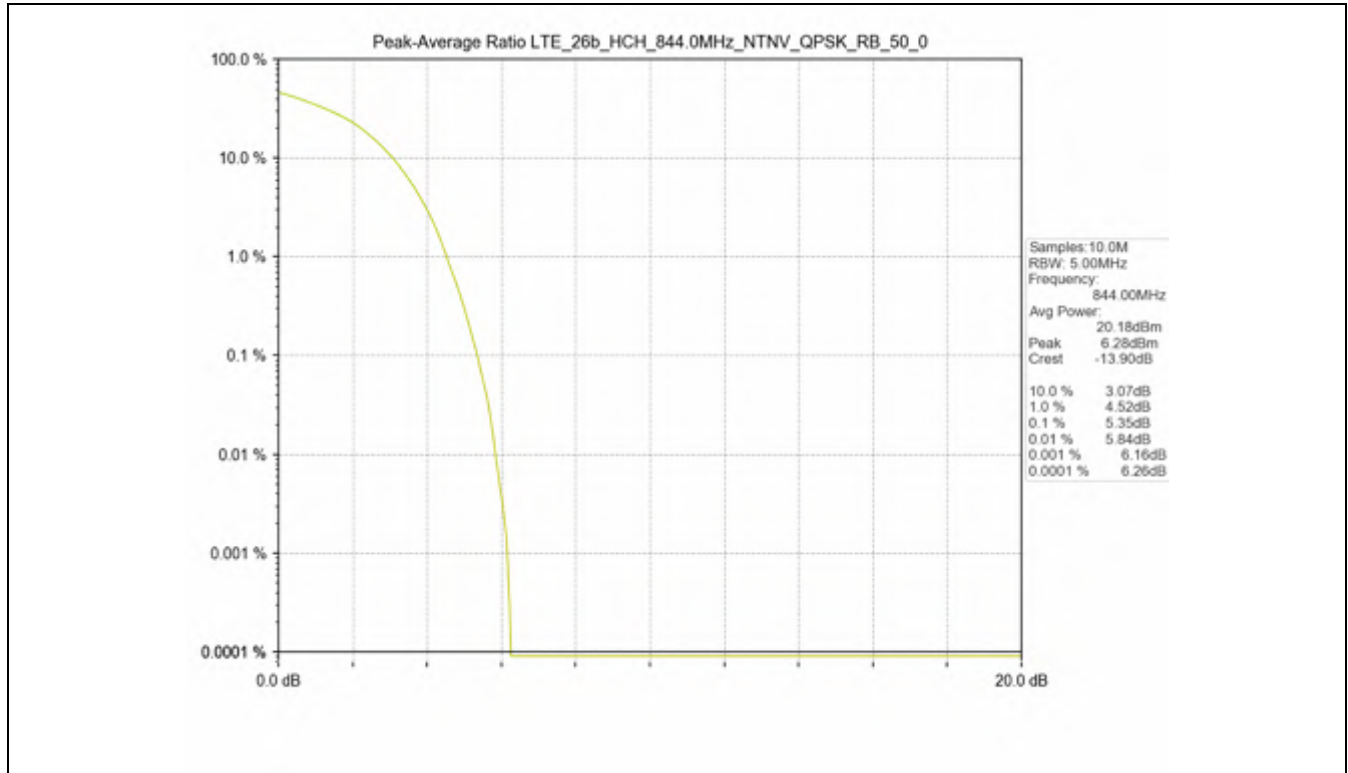
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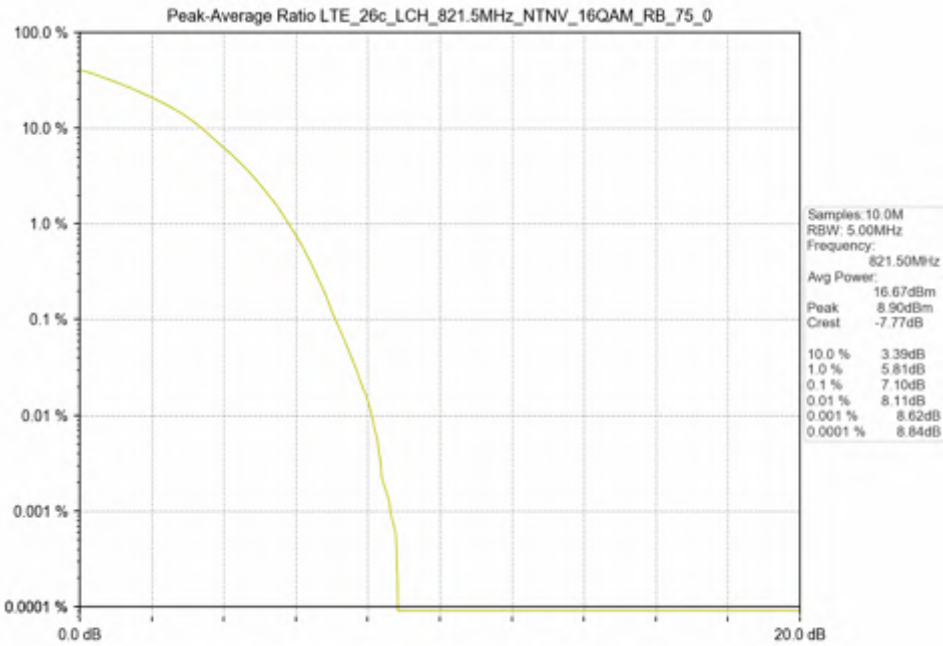
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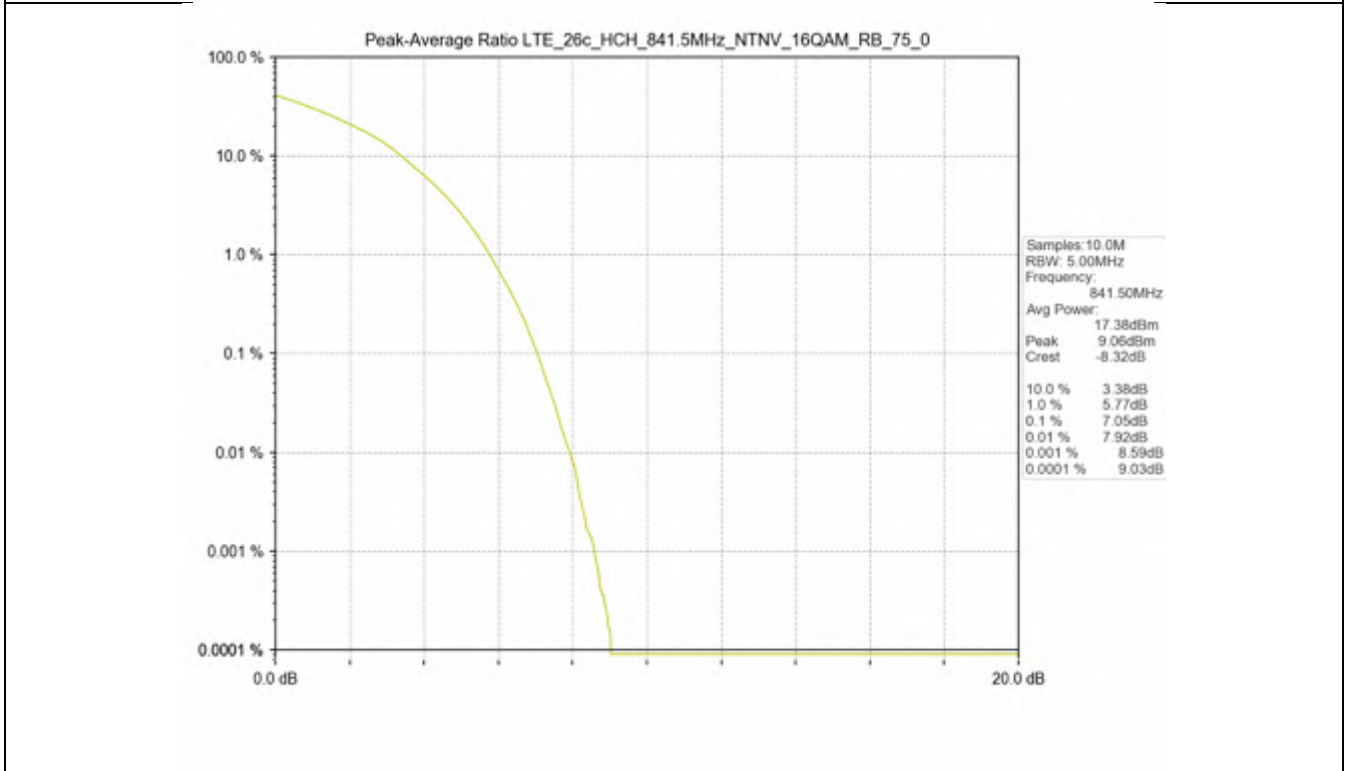
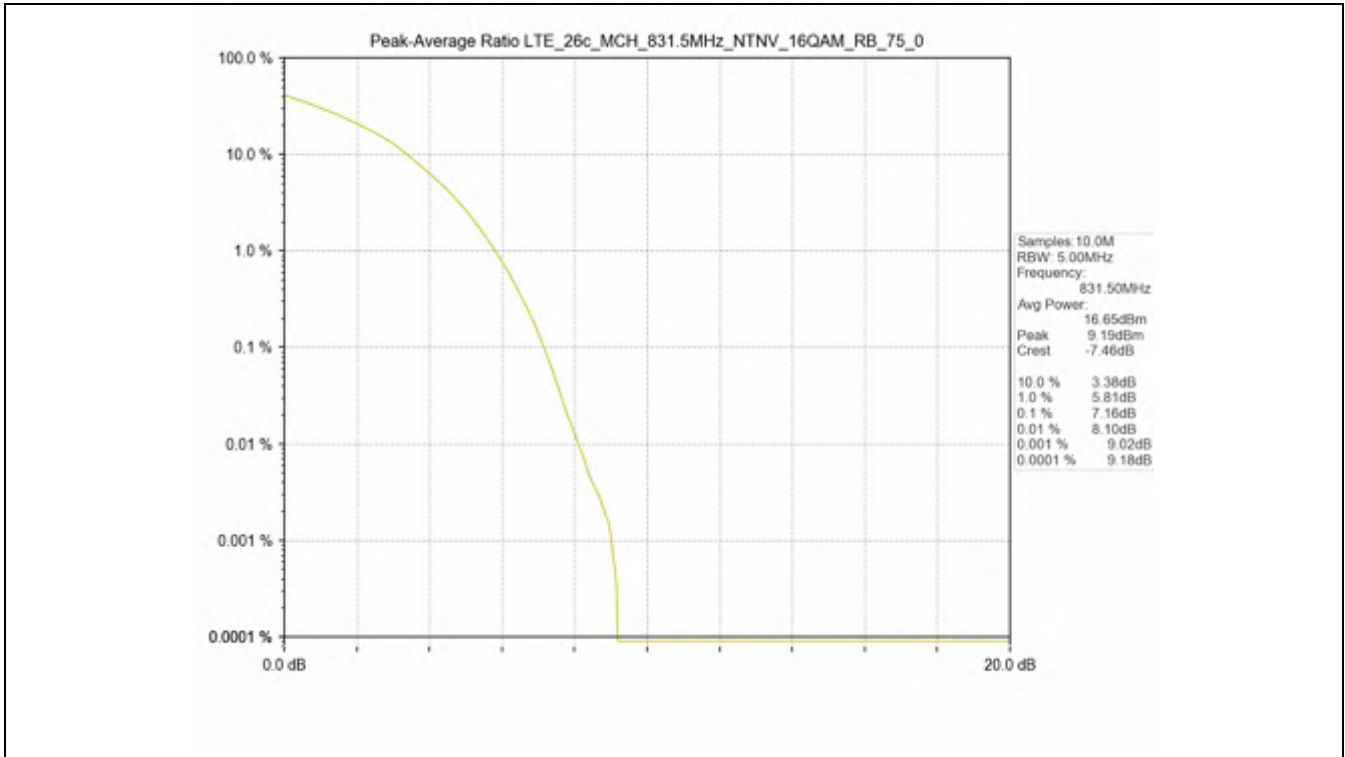
LTE Band 26c

Test Band: 26c_15MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	6.31	6.35	6.34	13	PASS
16QAM	75	0	7.10	7.16	7.05	13	PASS



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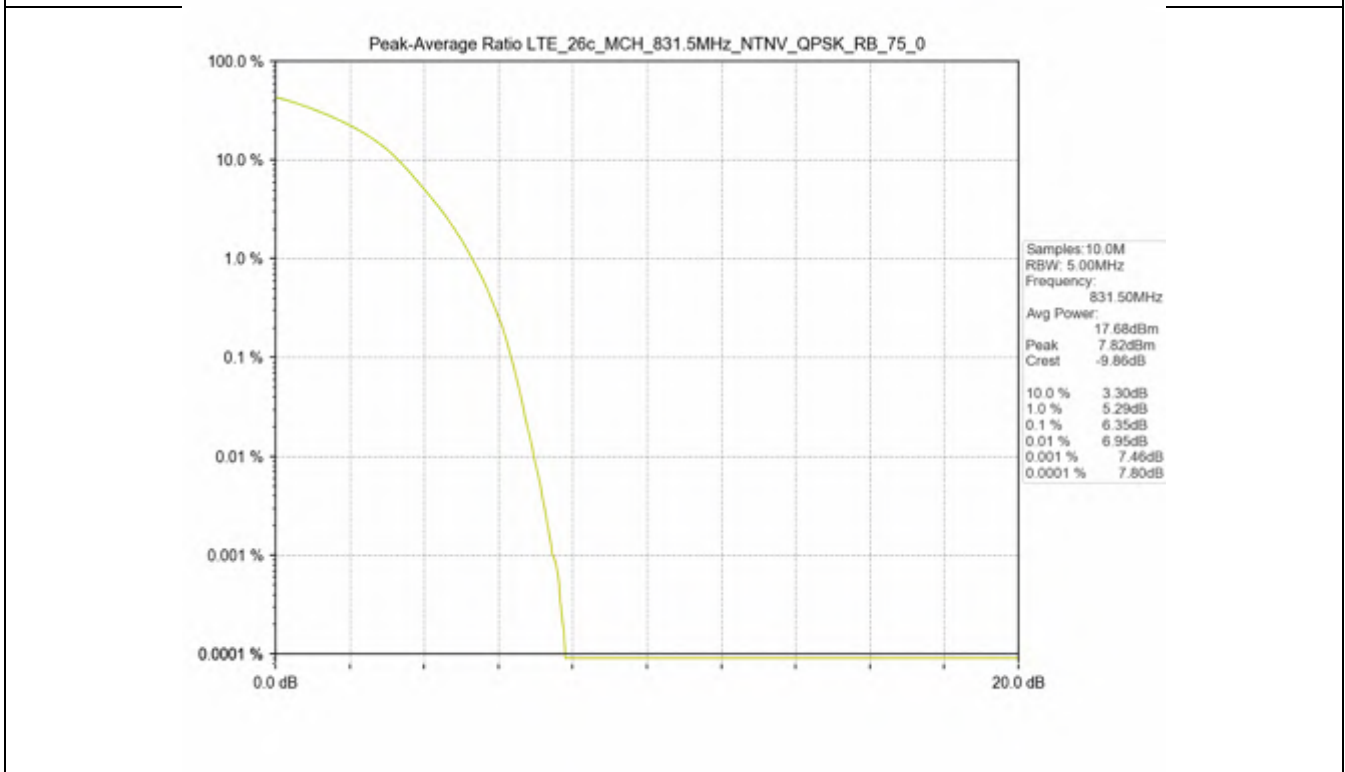
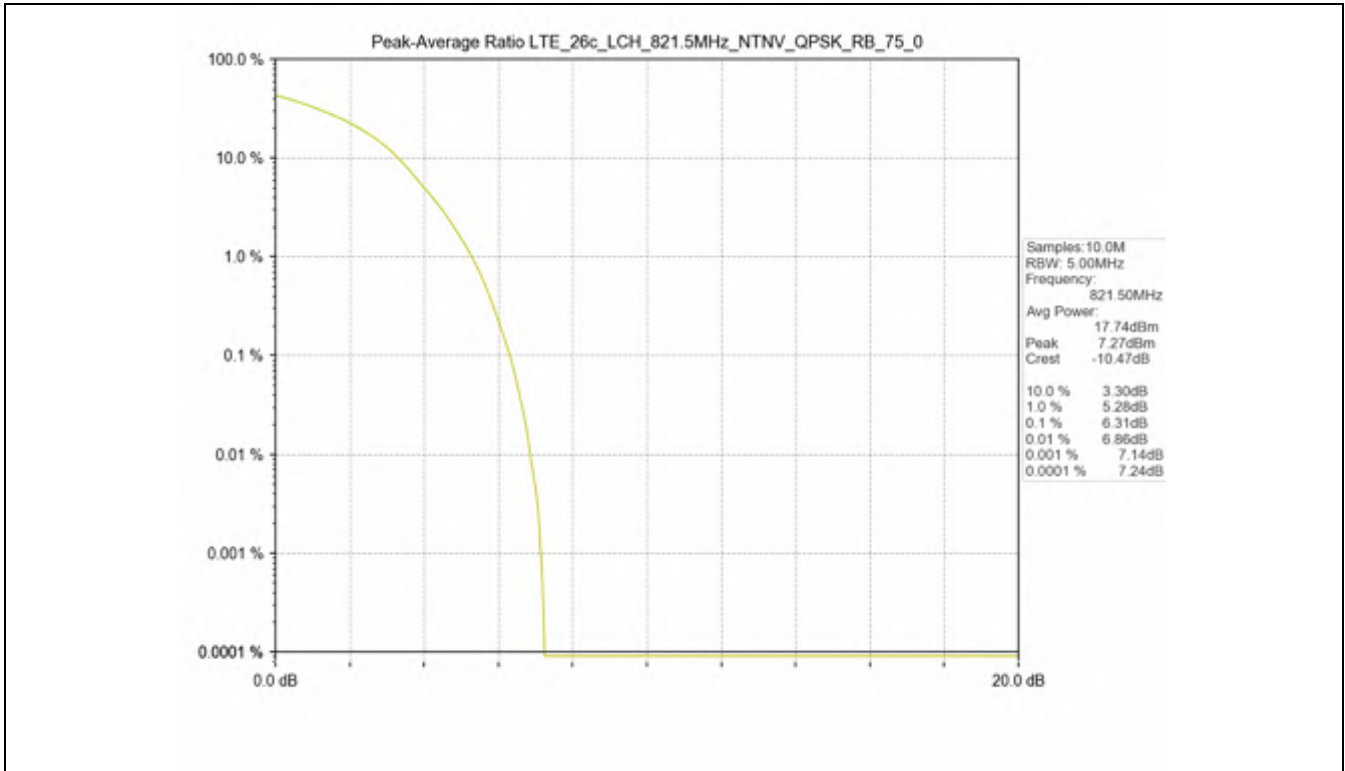
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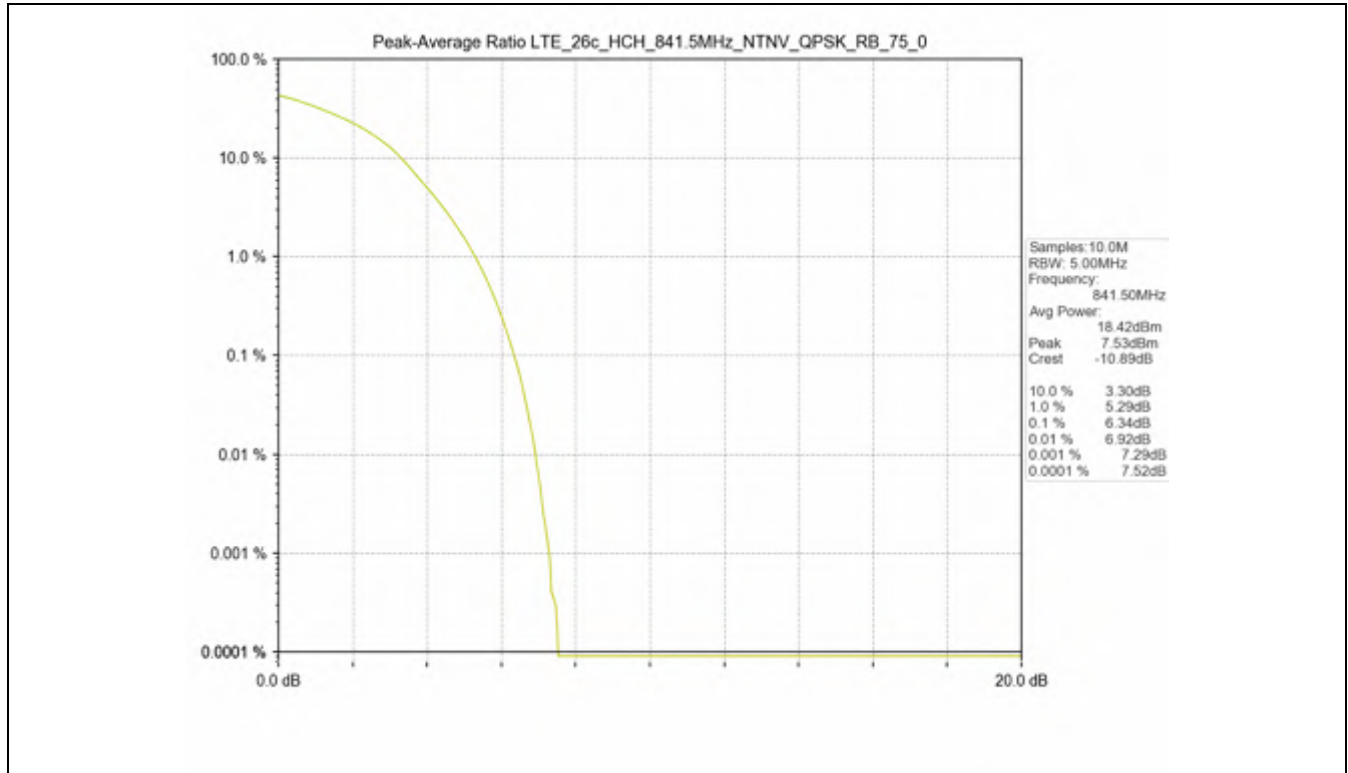
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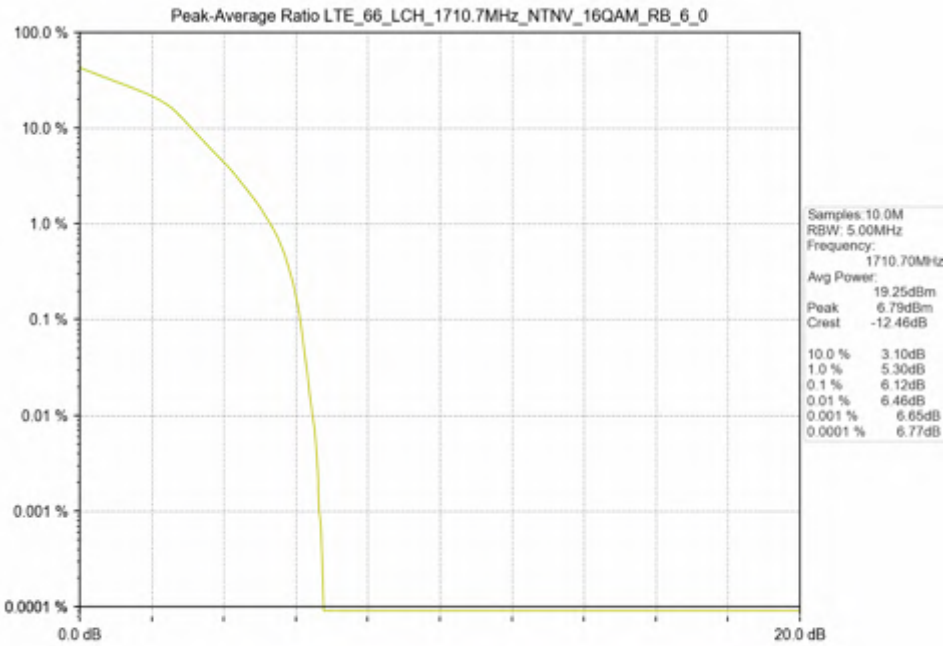
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LTE Band 66

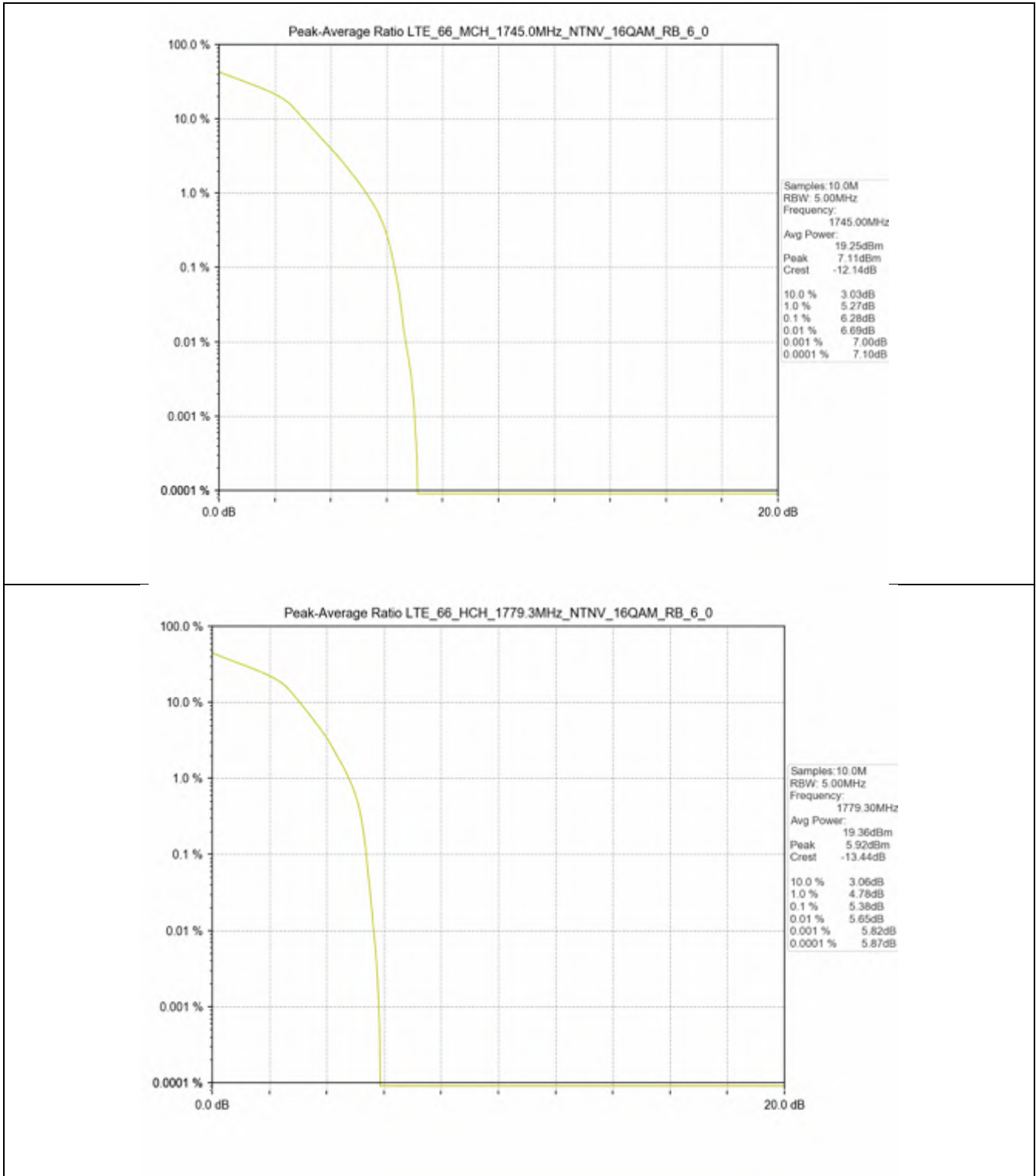
Test Band: 66 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.18	5.40	4.59	13	PASS
16QAM	6	0	6.12	6.28	5.38	13	PASS



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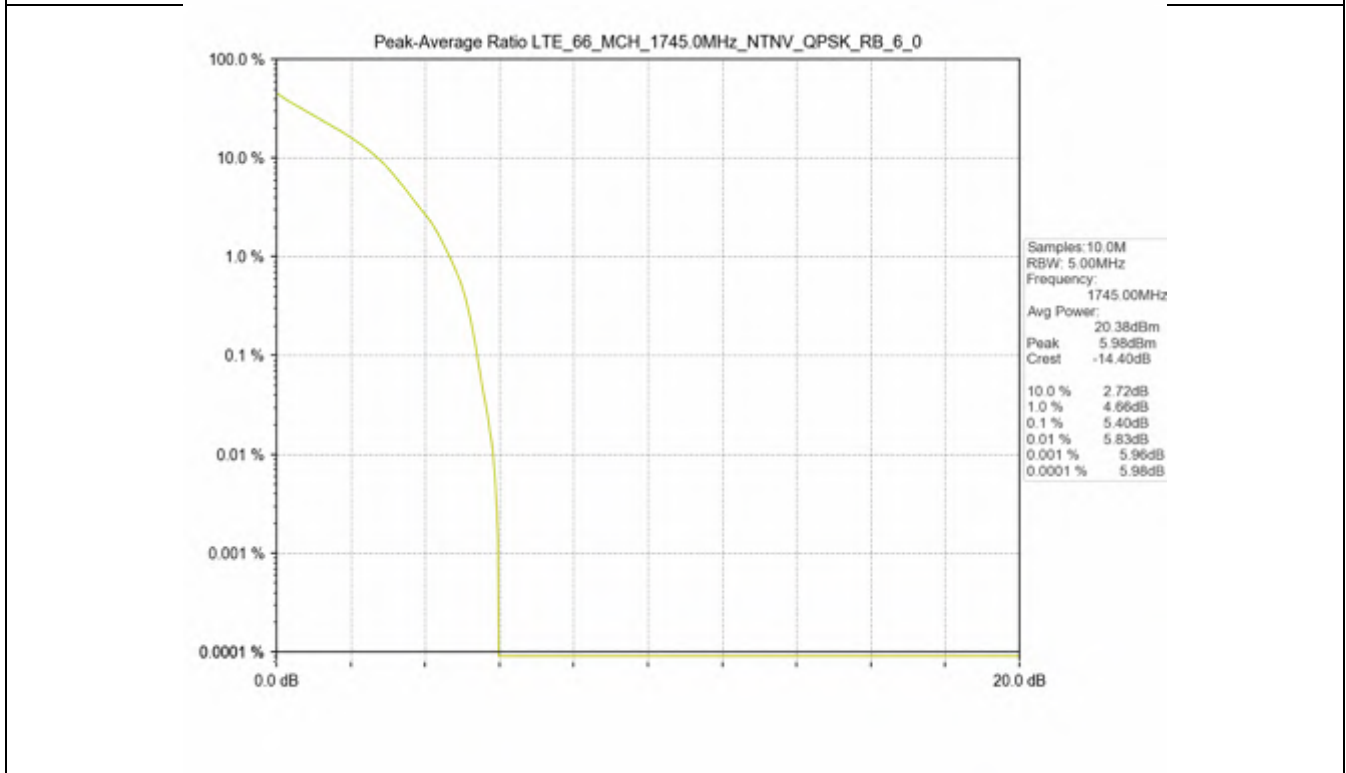
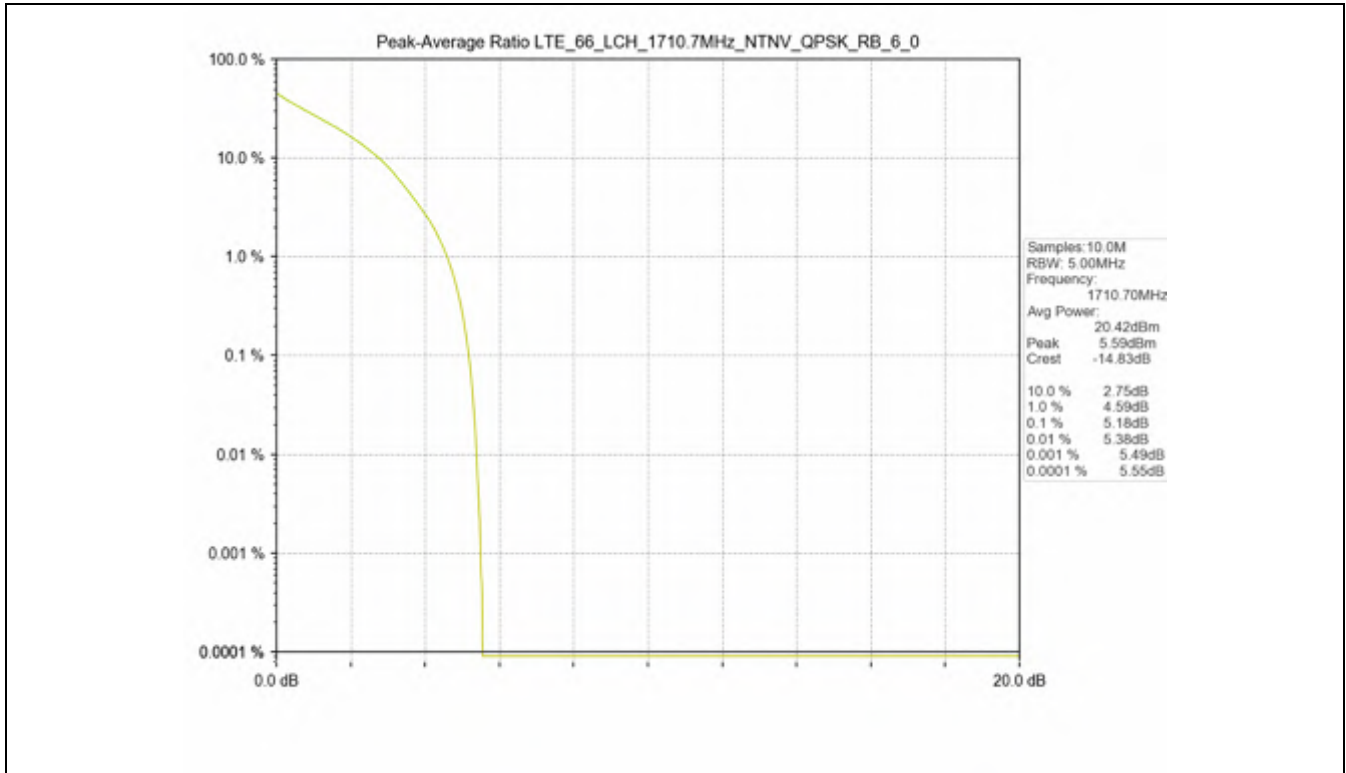
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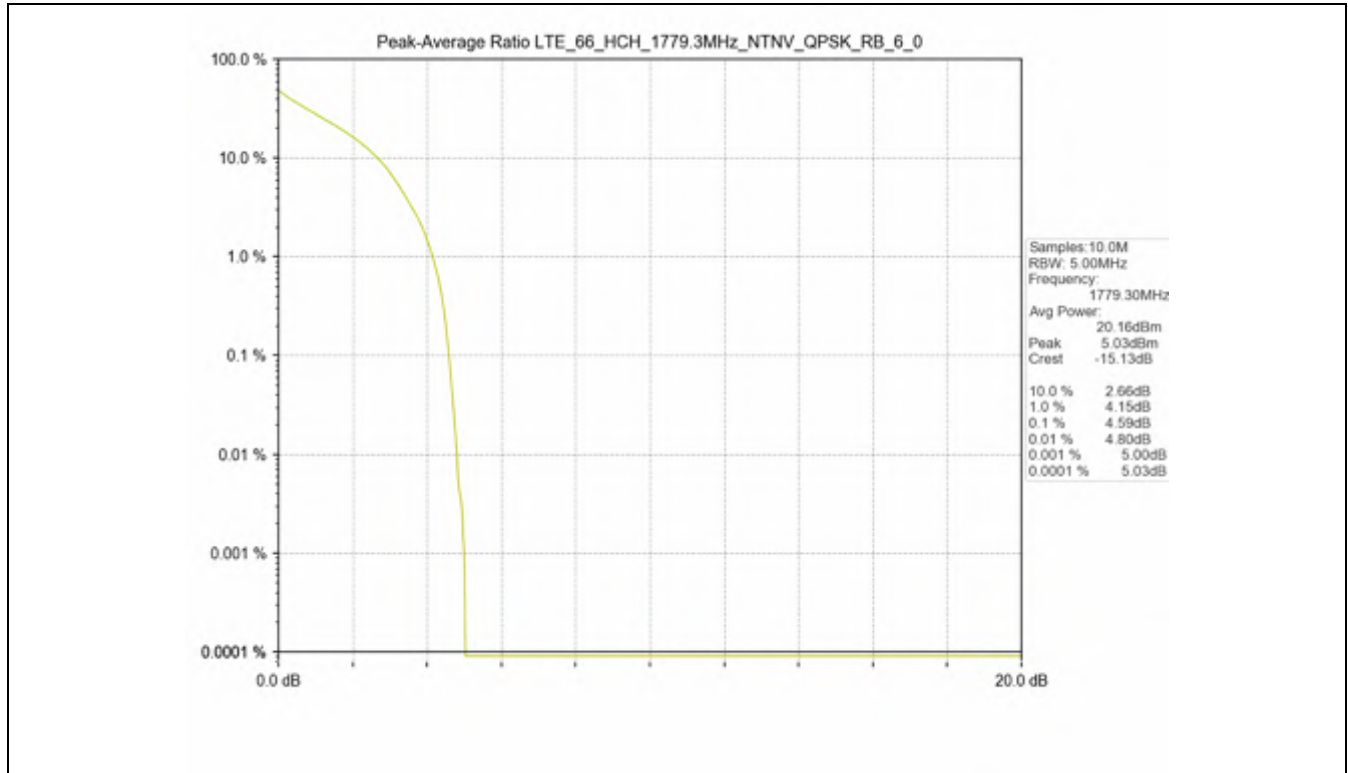
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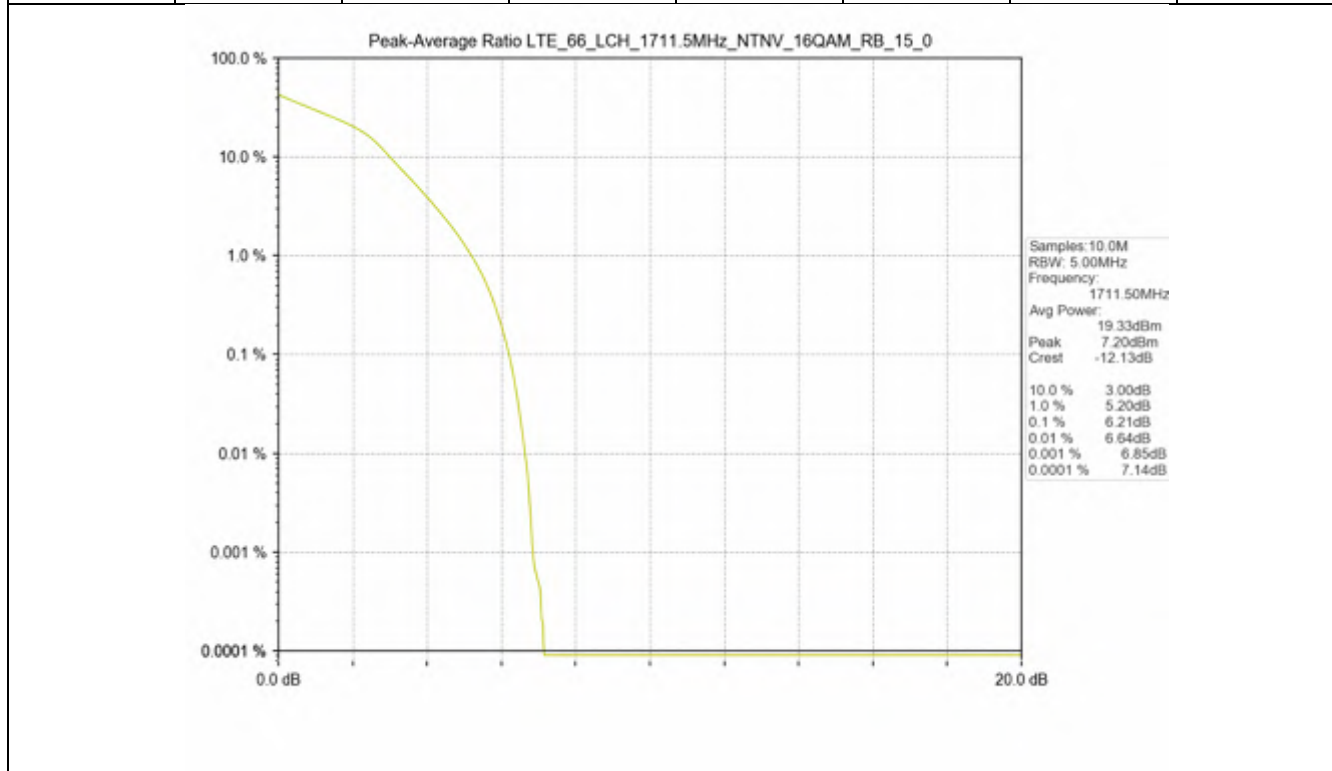
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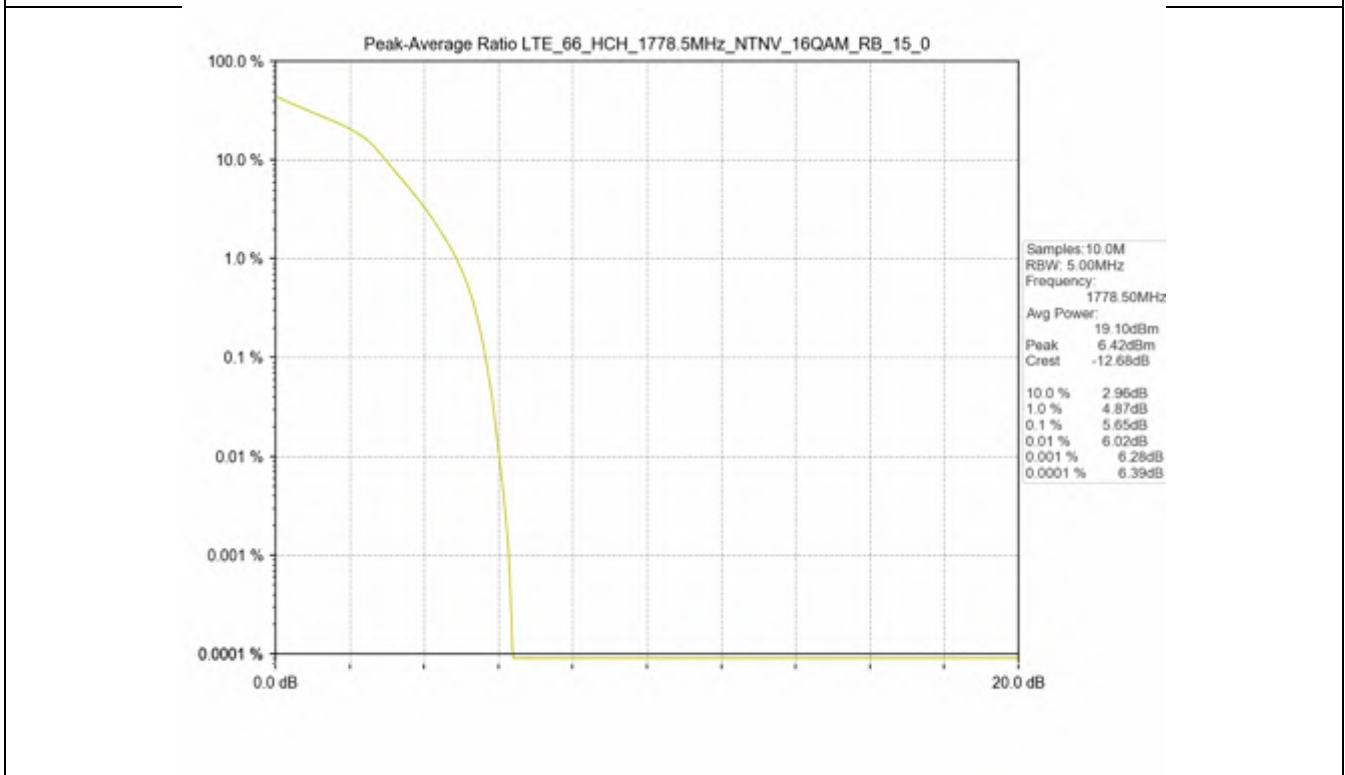
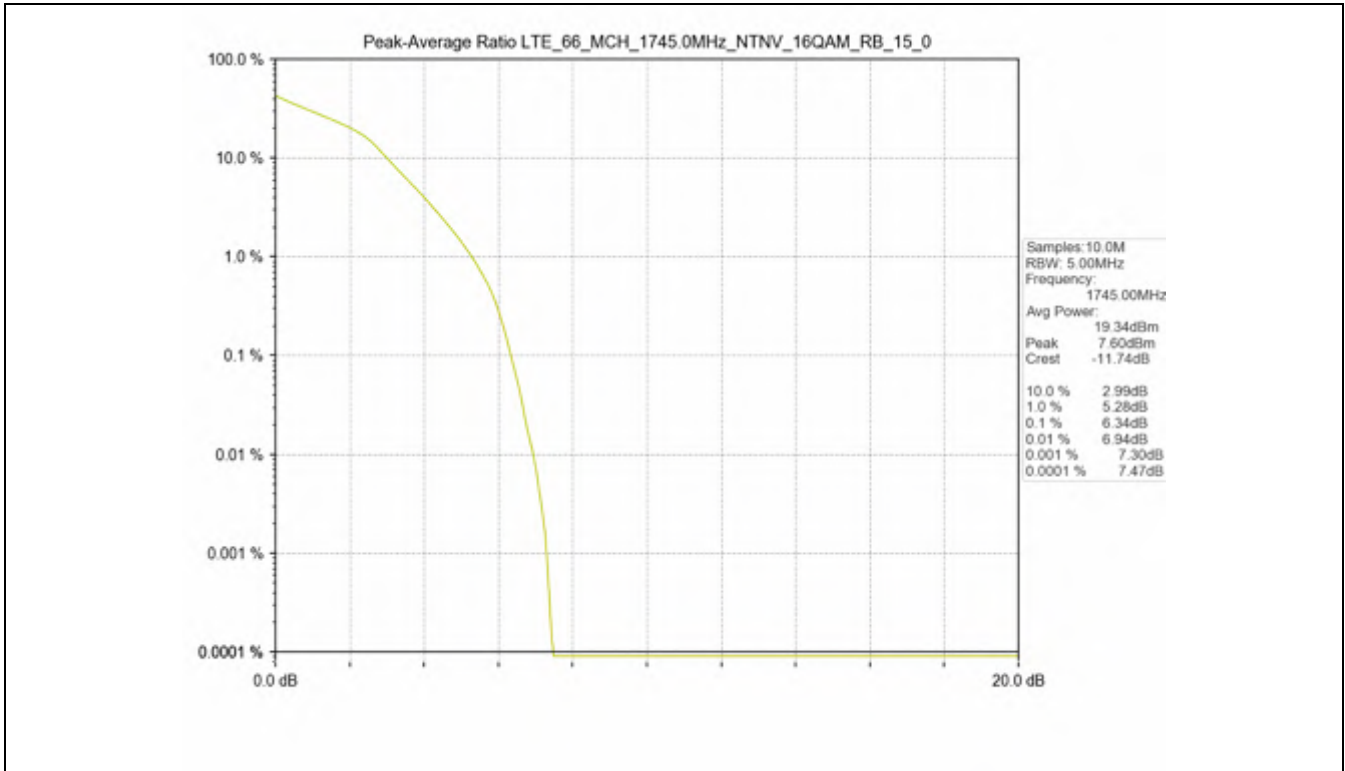
Test Band: 66 _ 3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	5.32	5.46	4.78	13	PASS
16QAM	15	0	6.21	6.34	5.65	13	PASS



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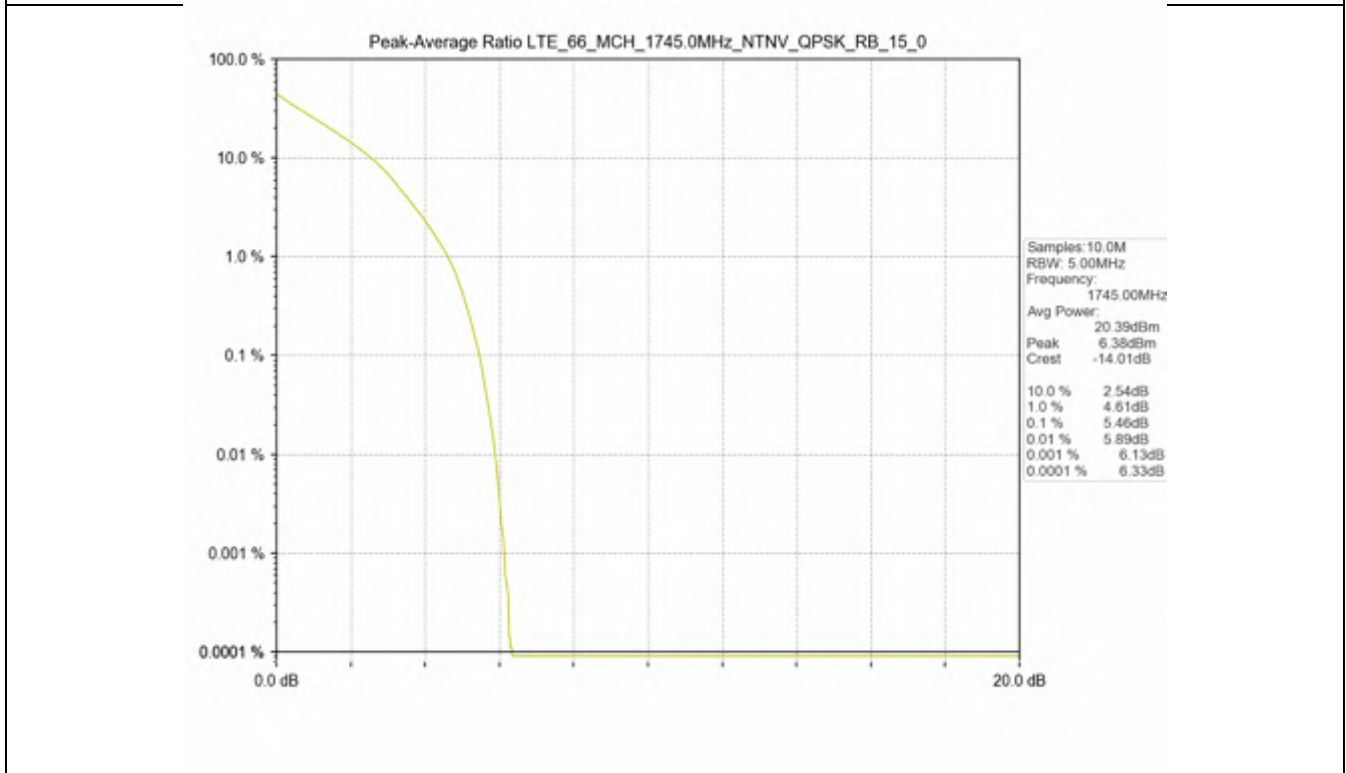
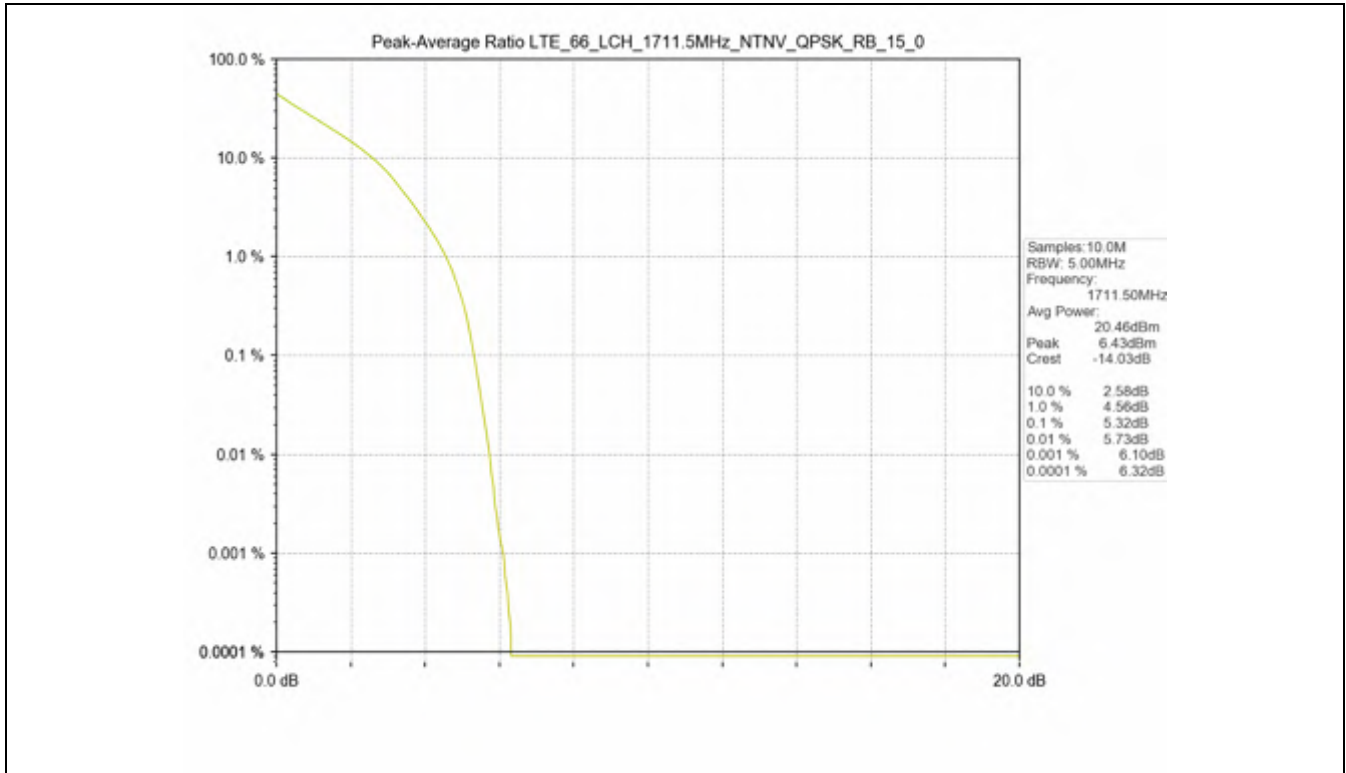
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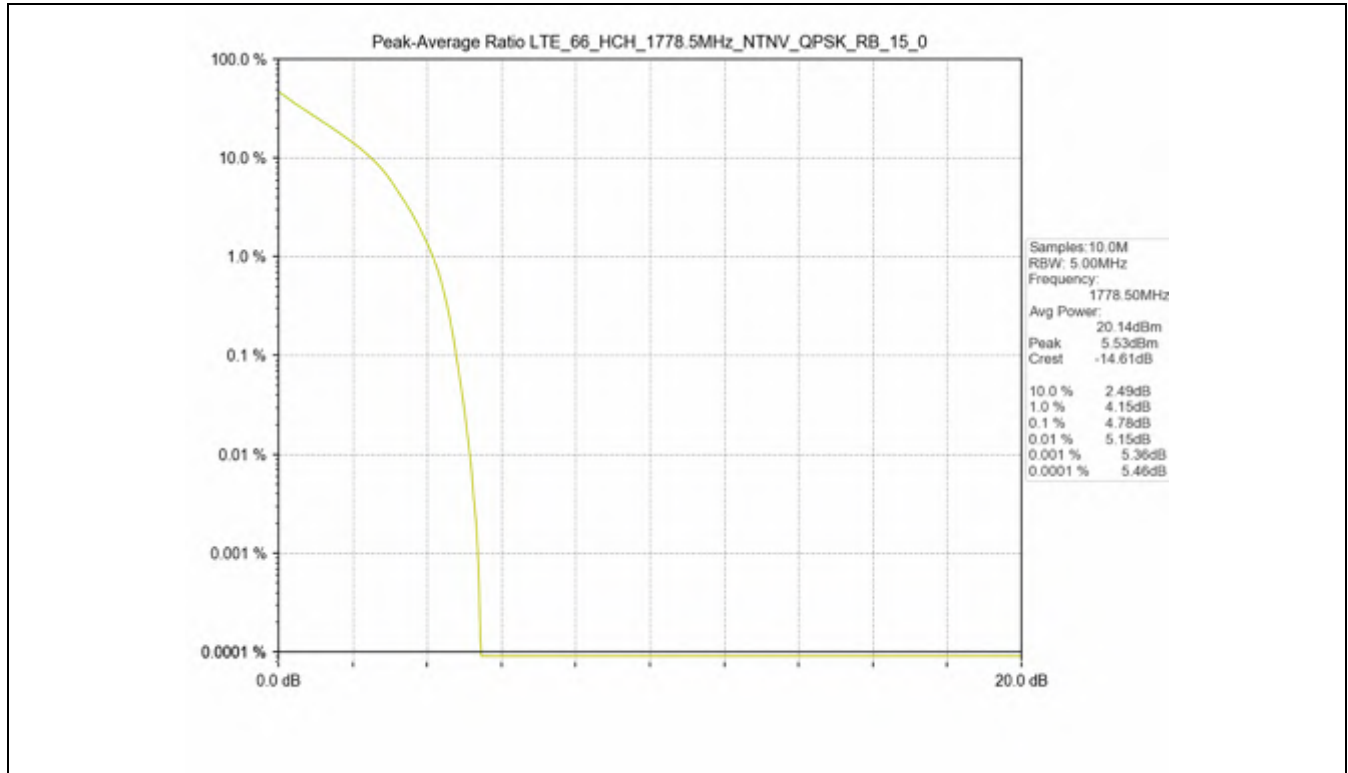
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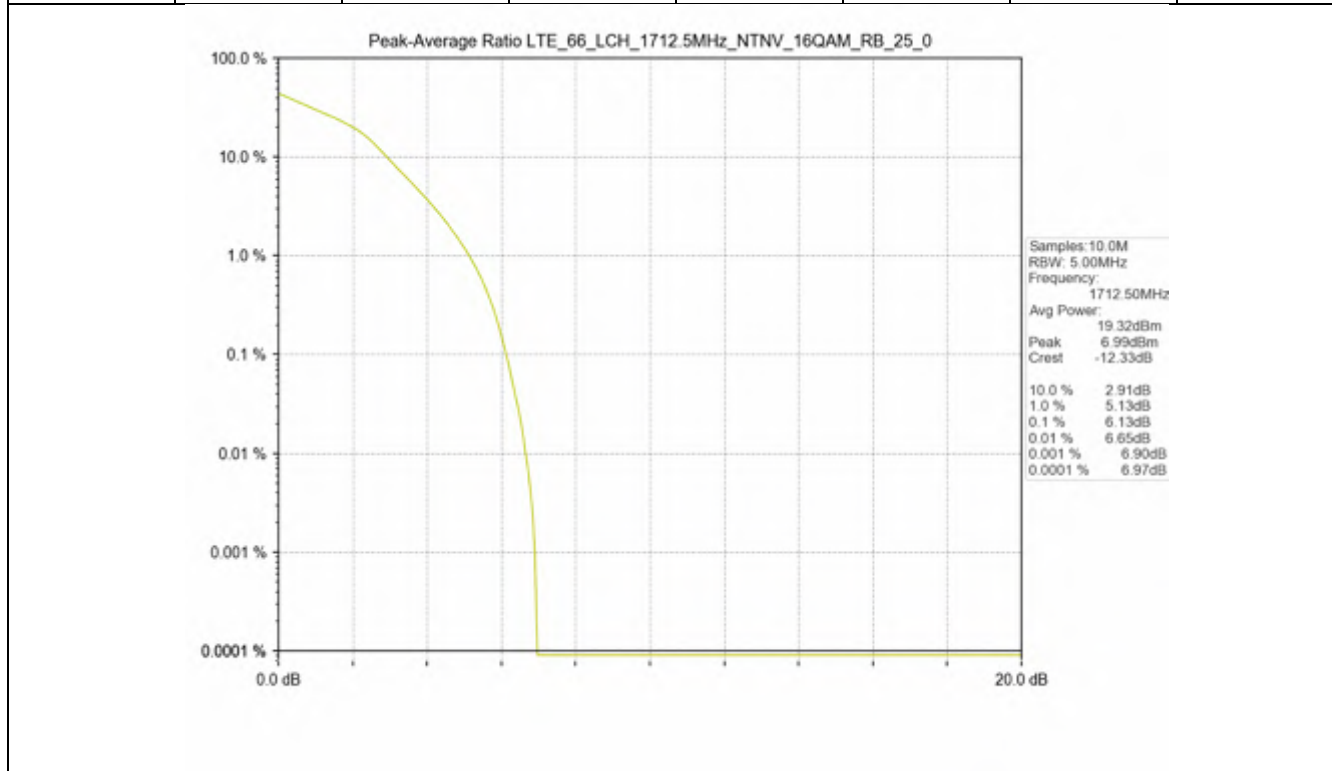


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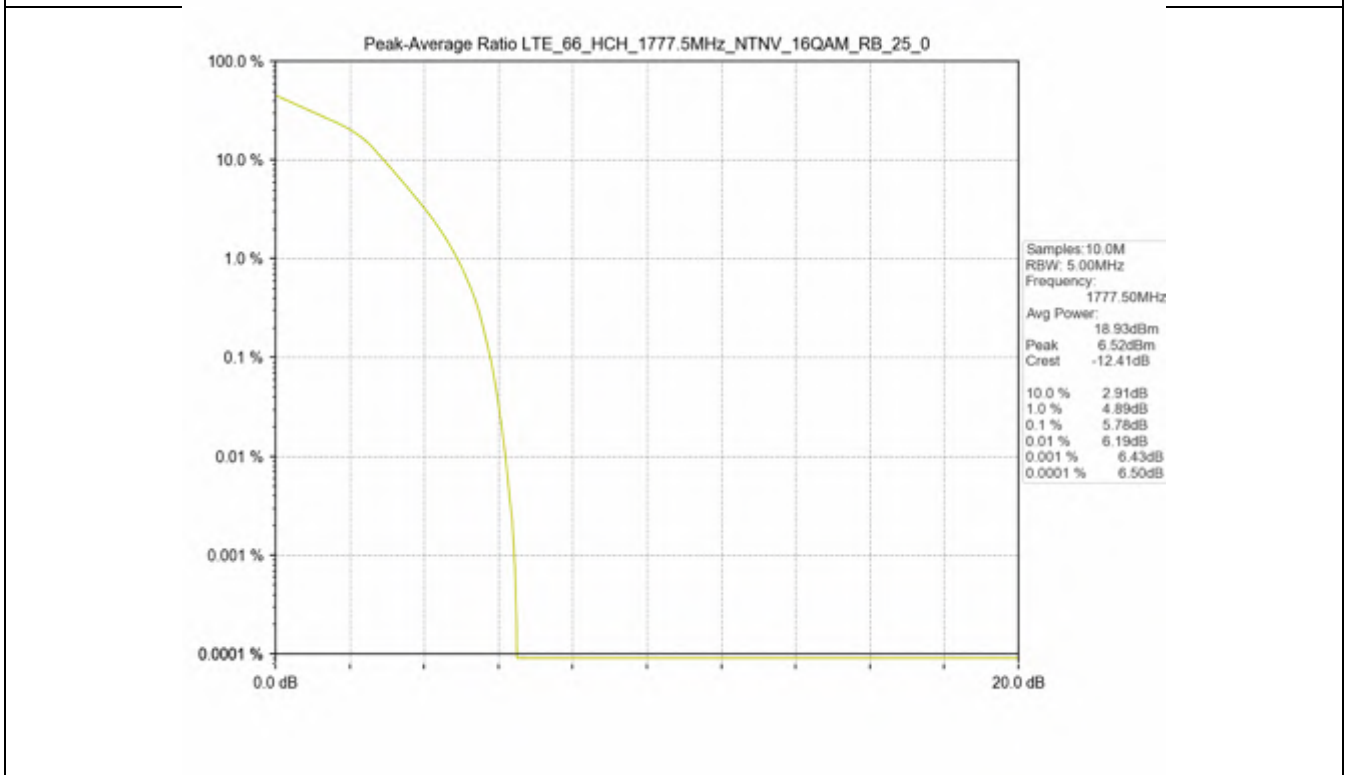
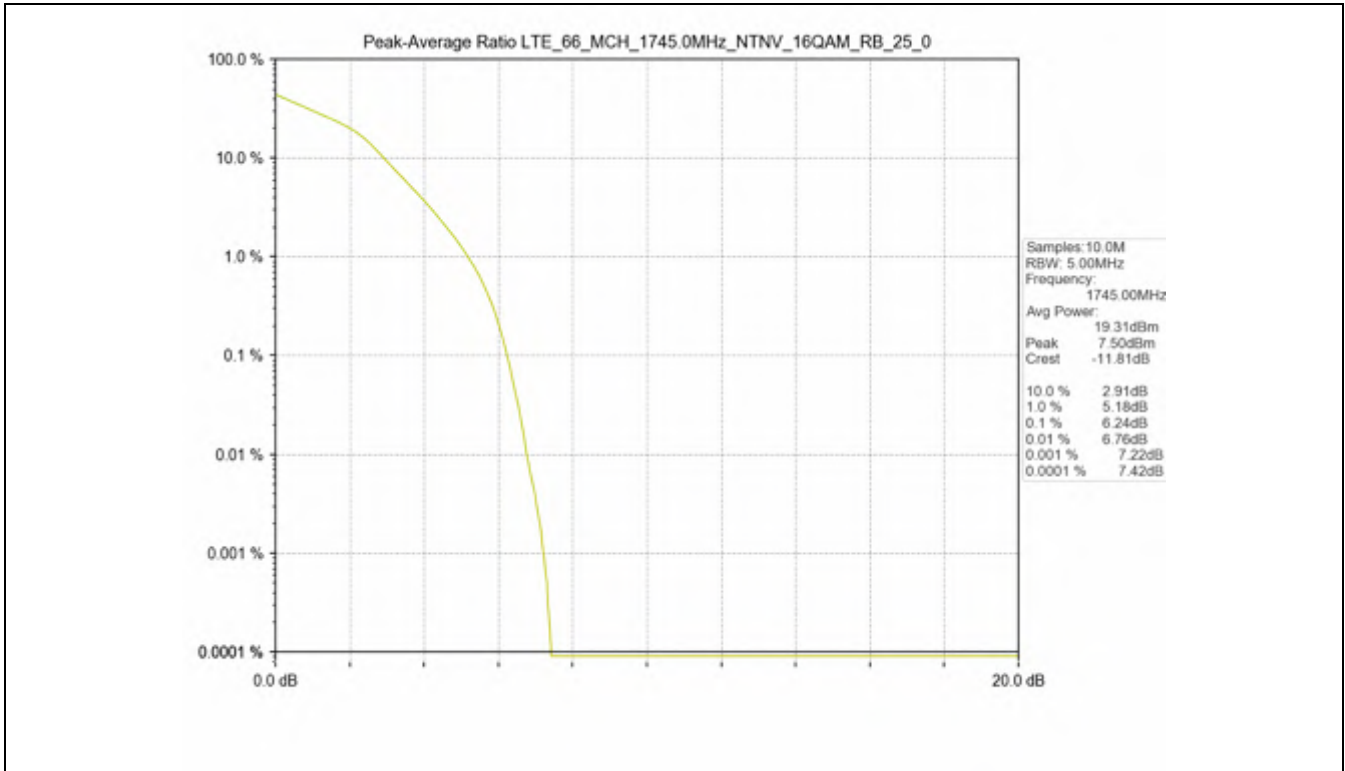
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Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.27	5.39	4.94	13	PASS
16QAM	25	0	6.13	6.24	5.78	13	PASS



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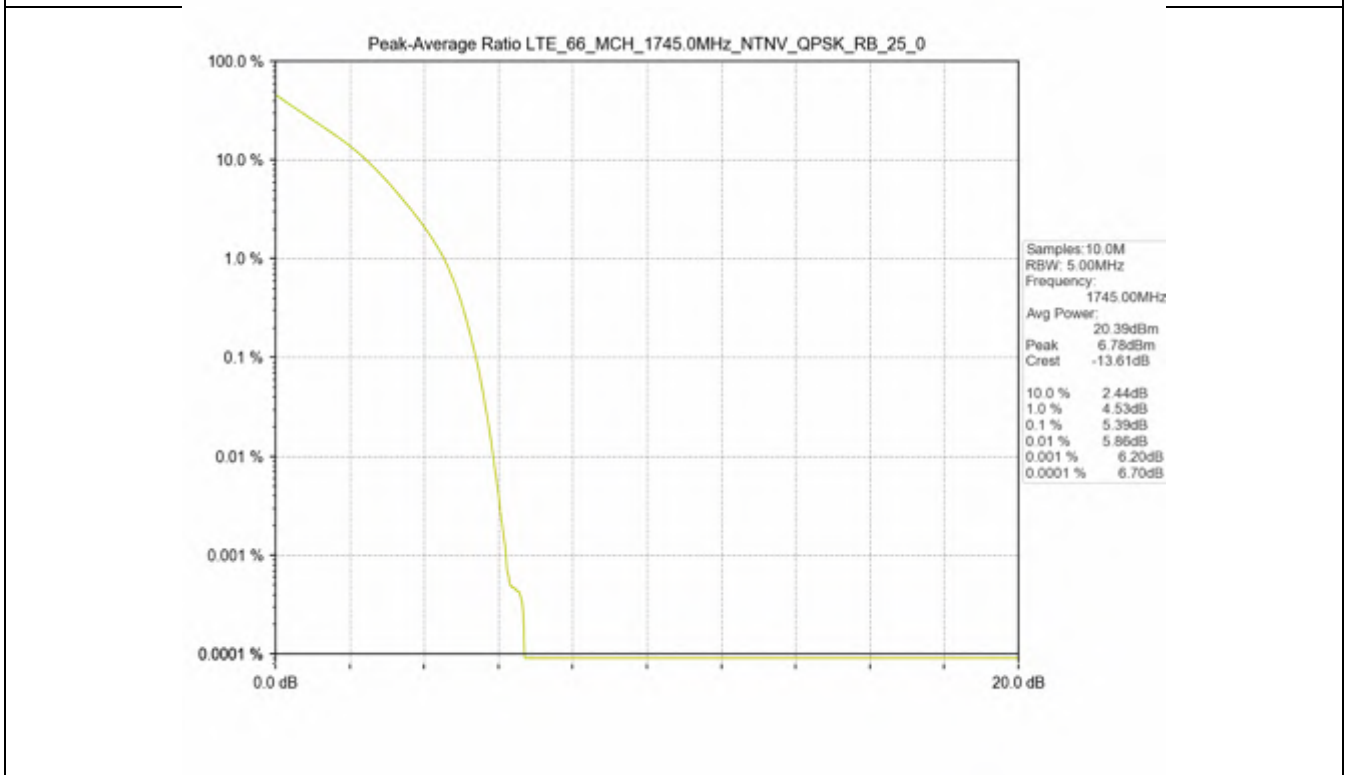
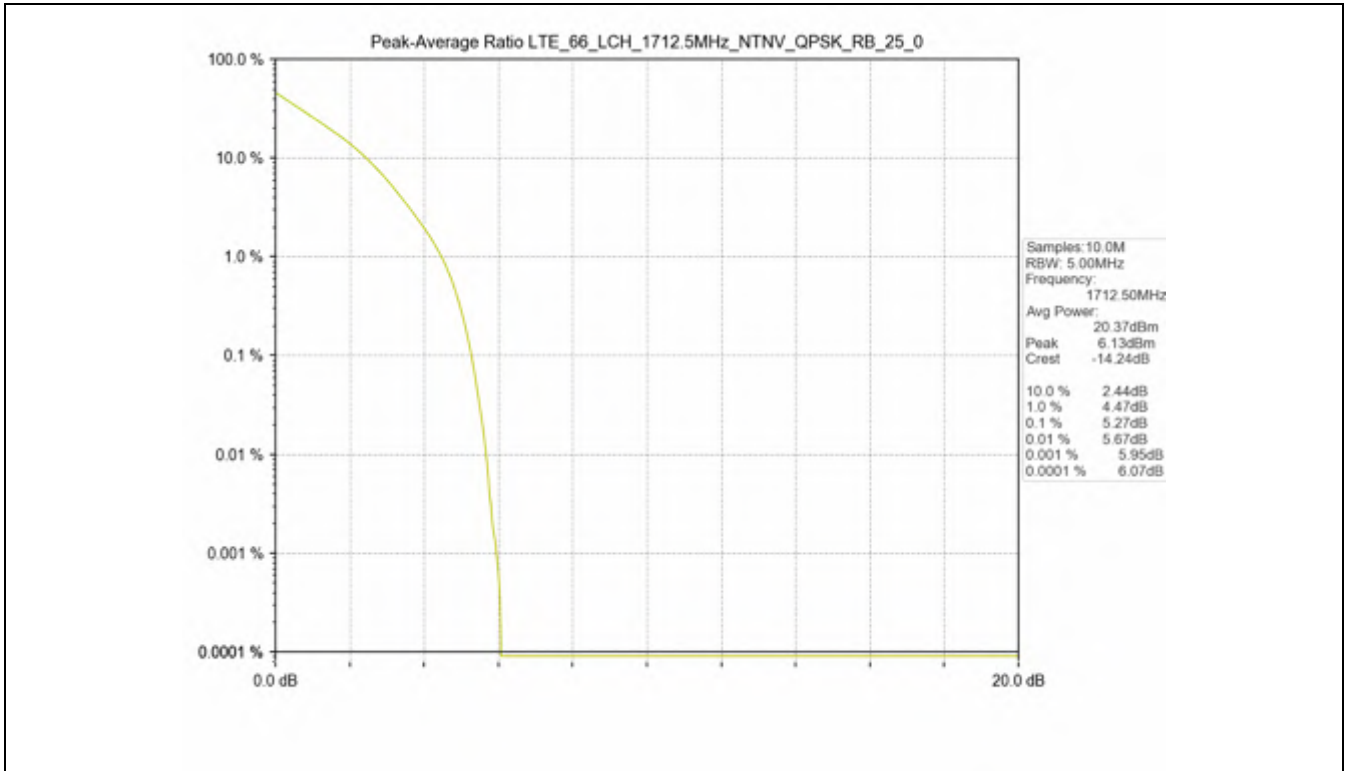
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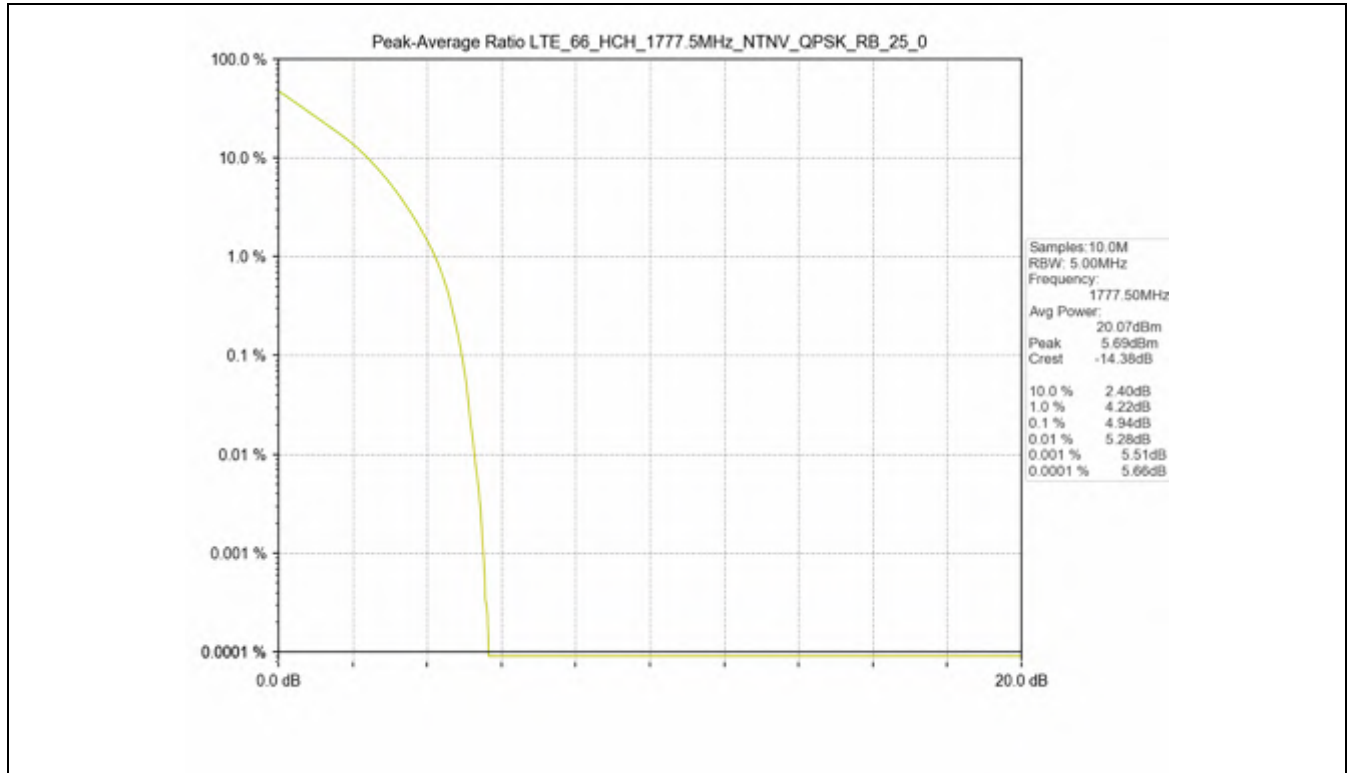
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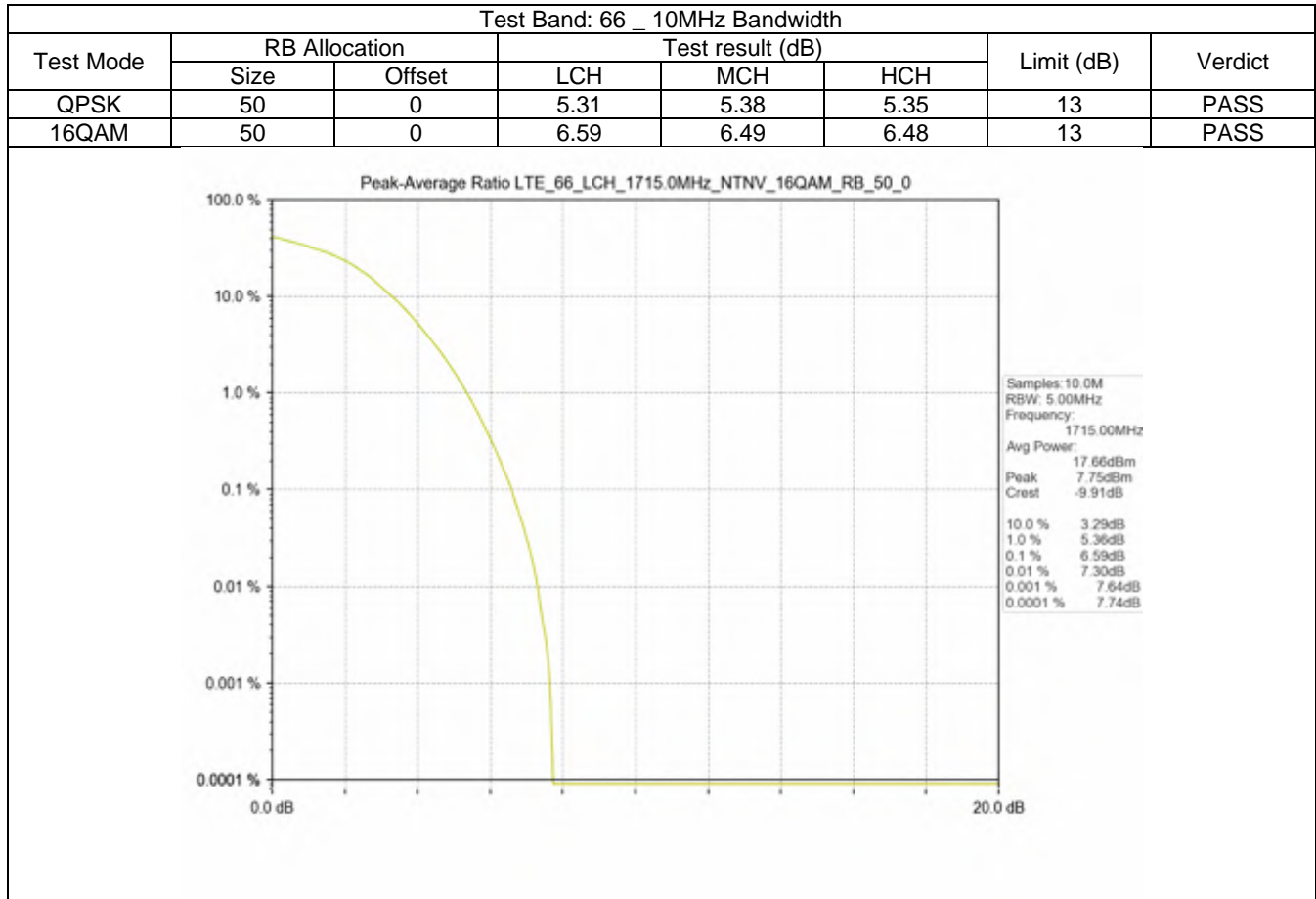


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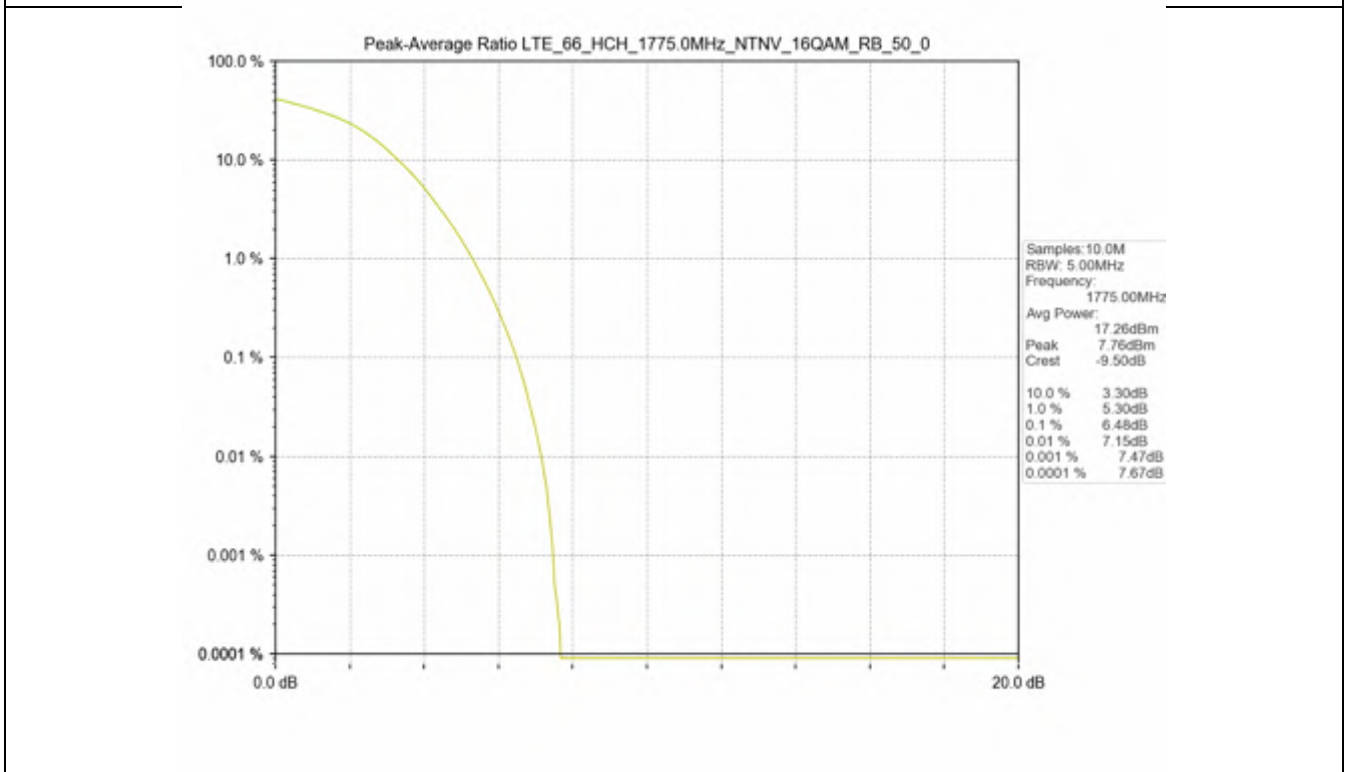
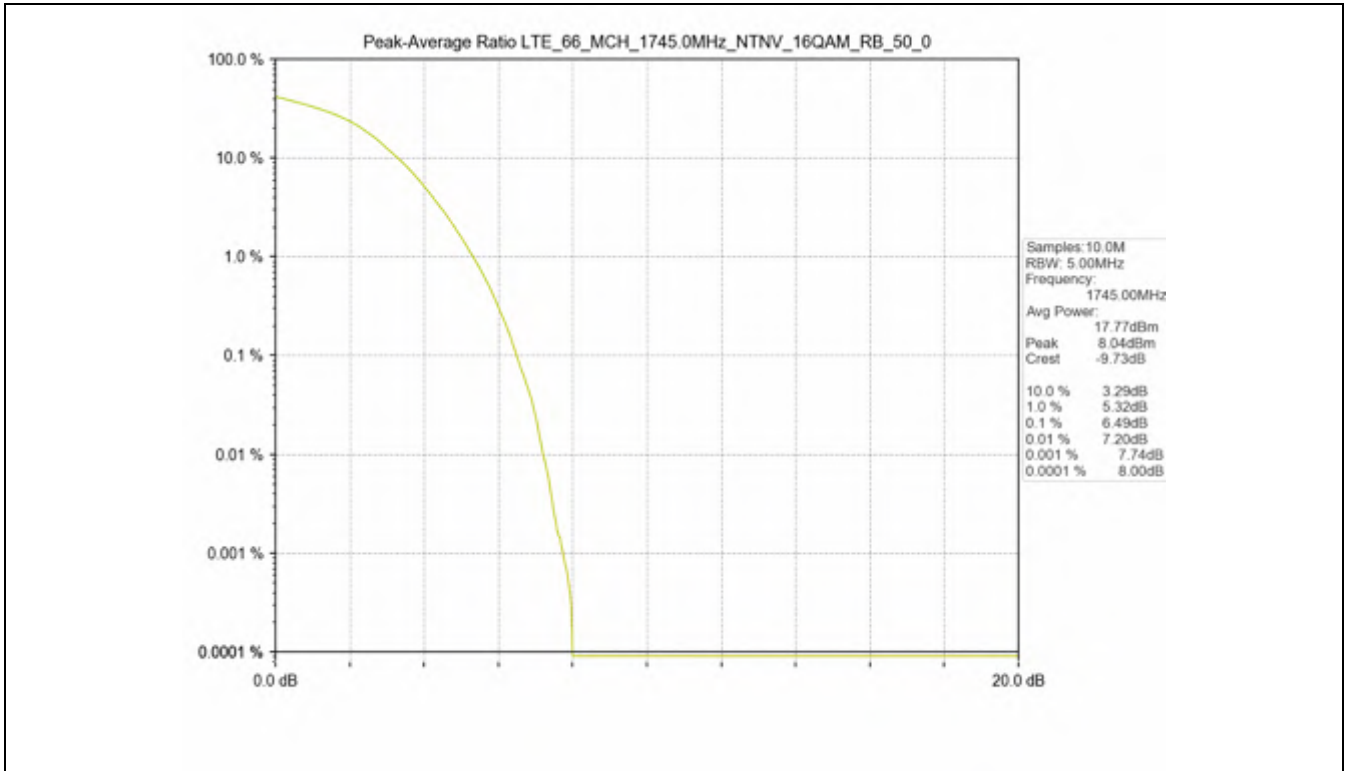
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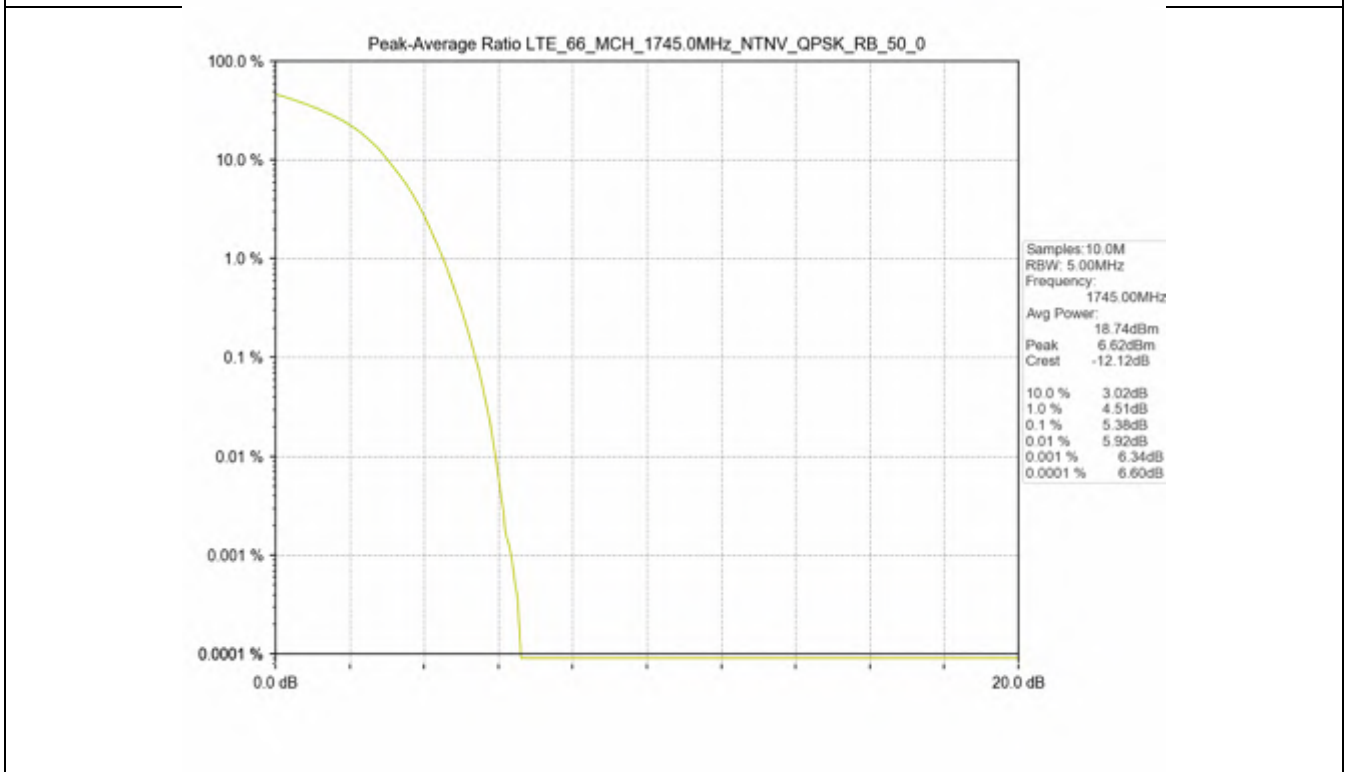
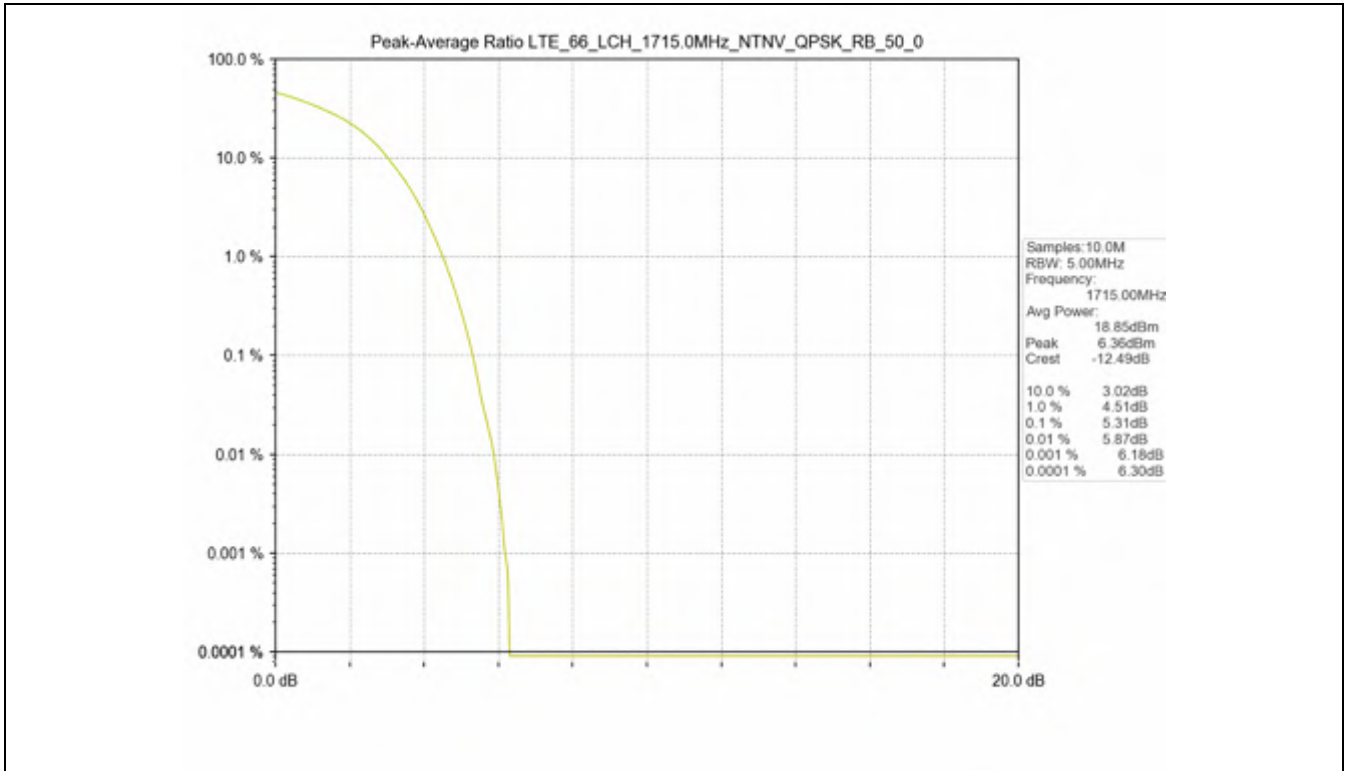
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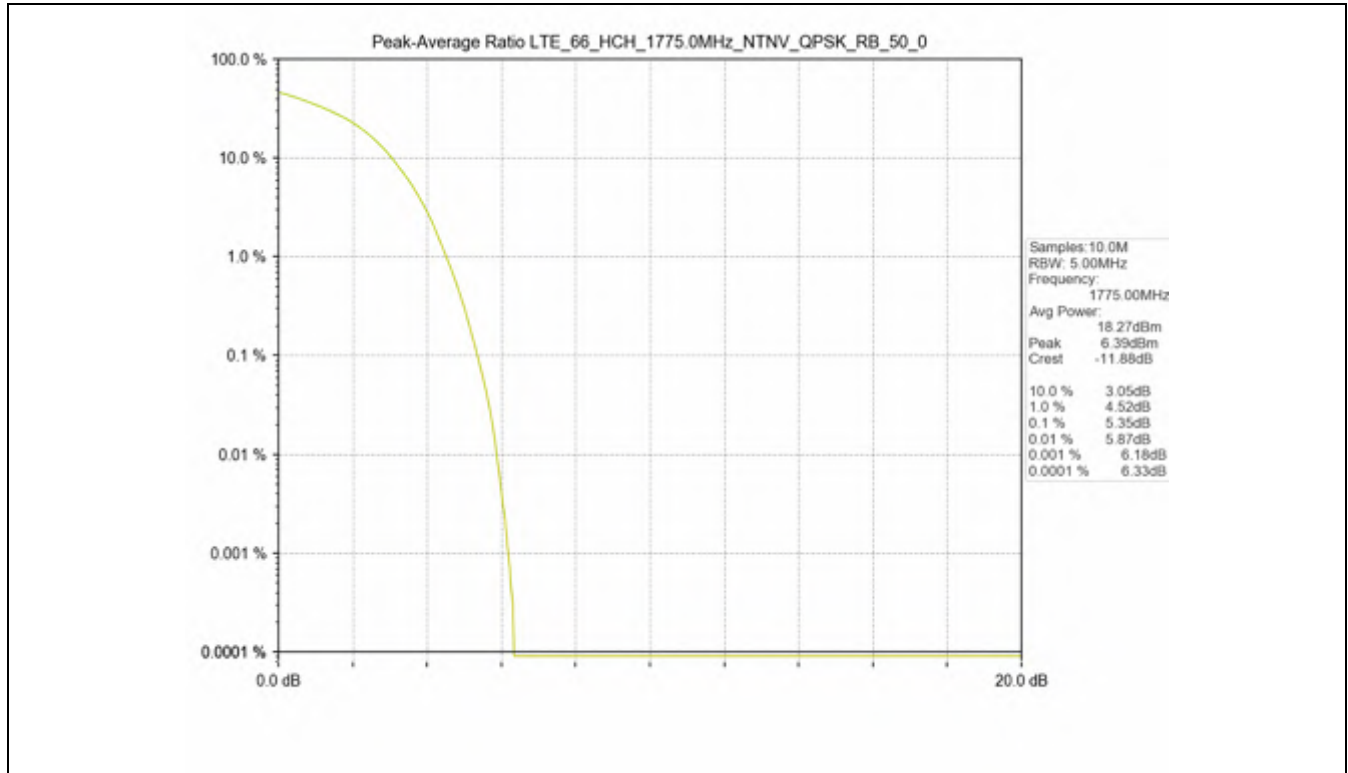
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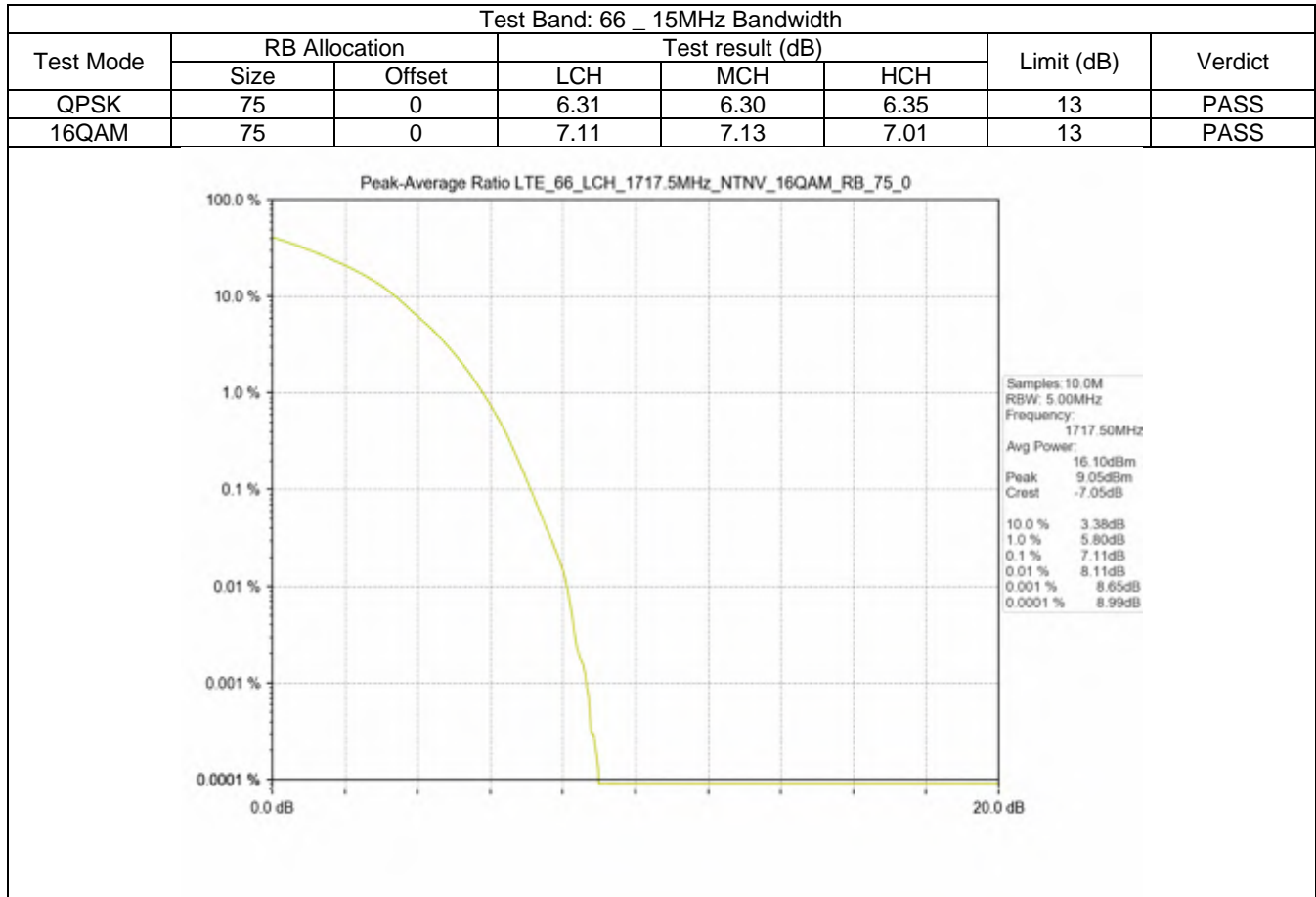
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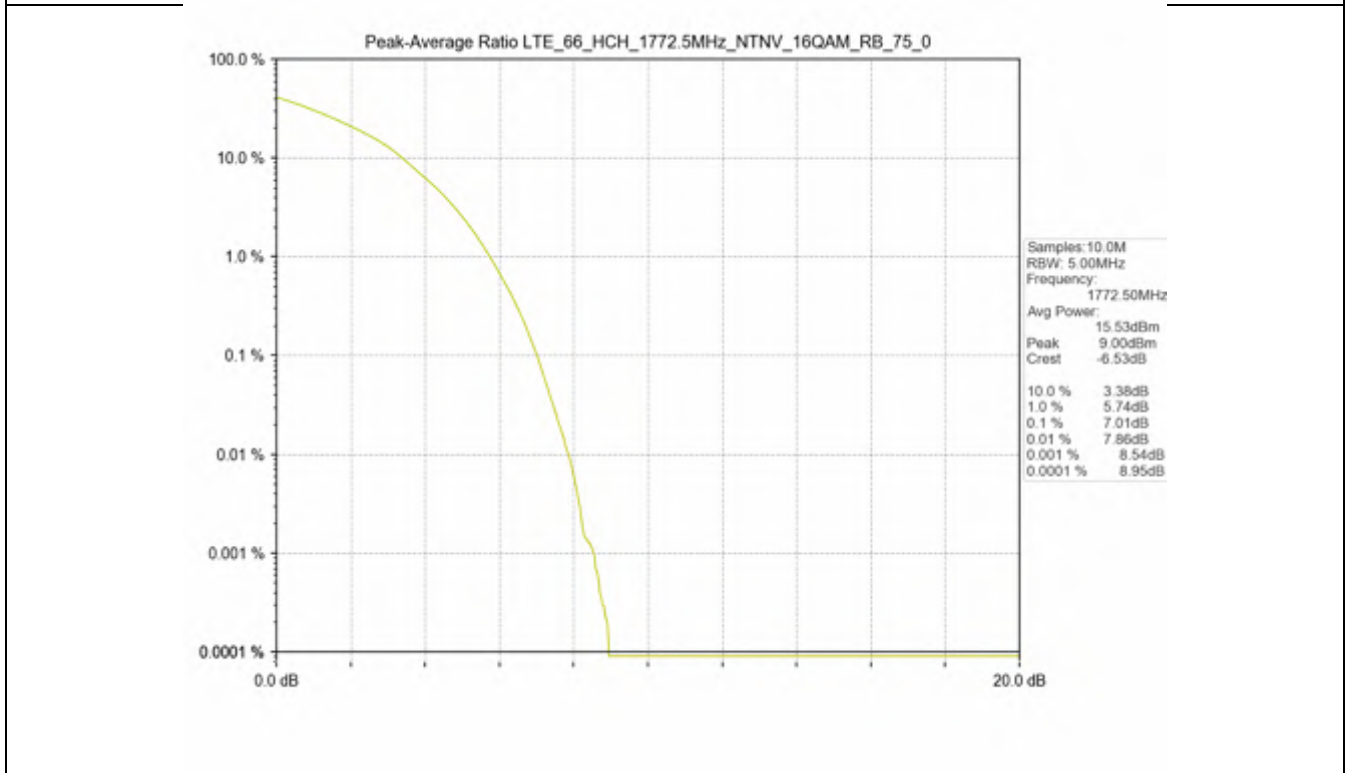
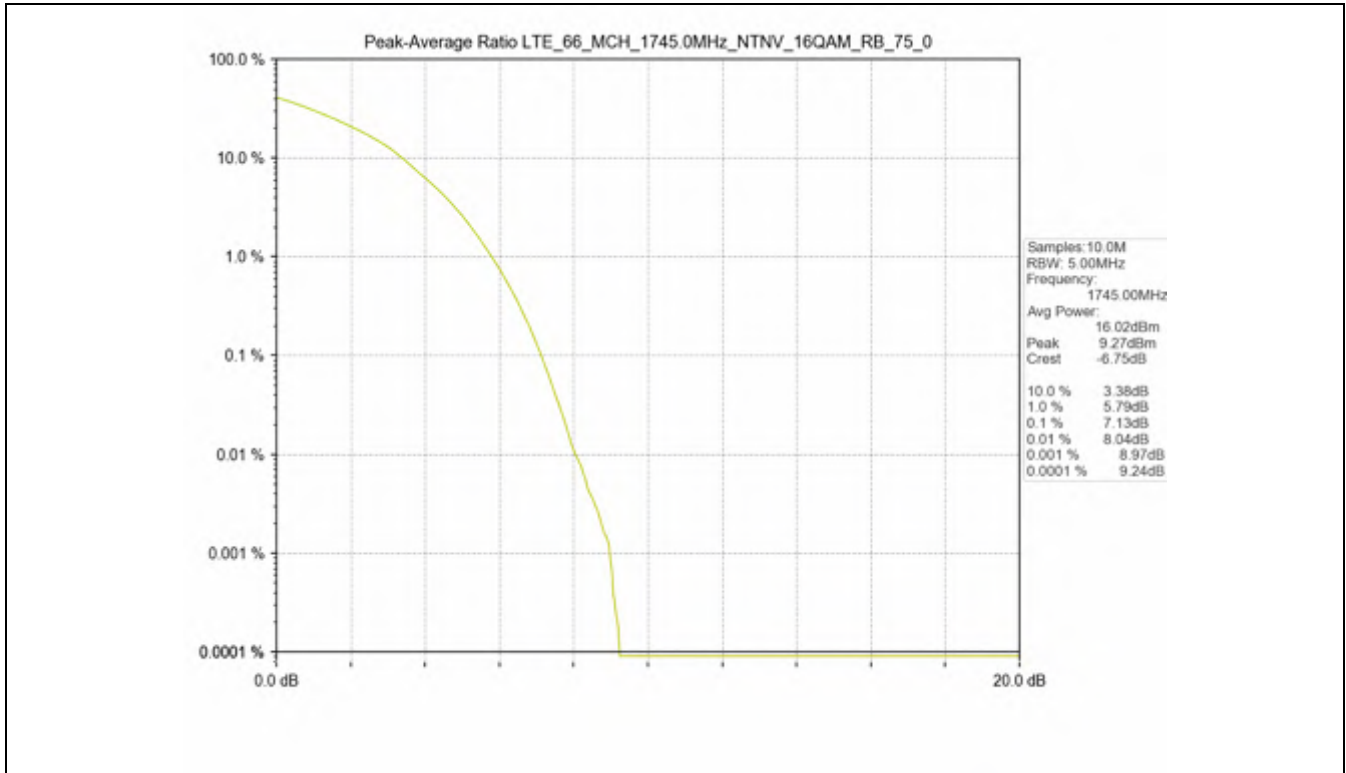
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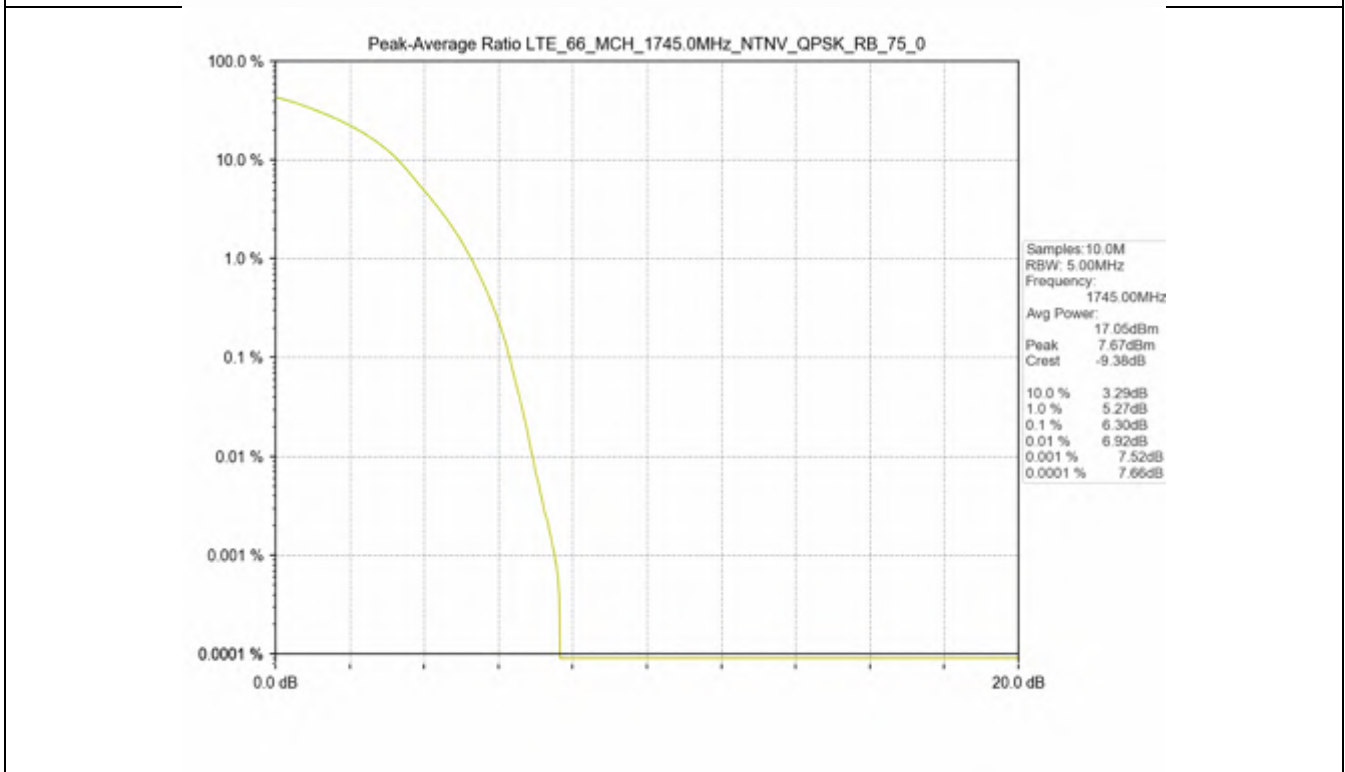
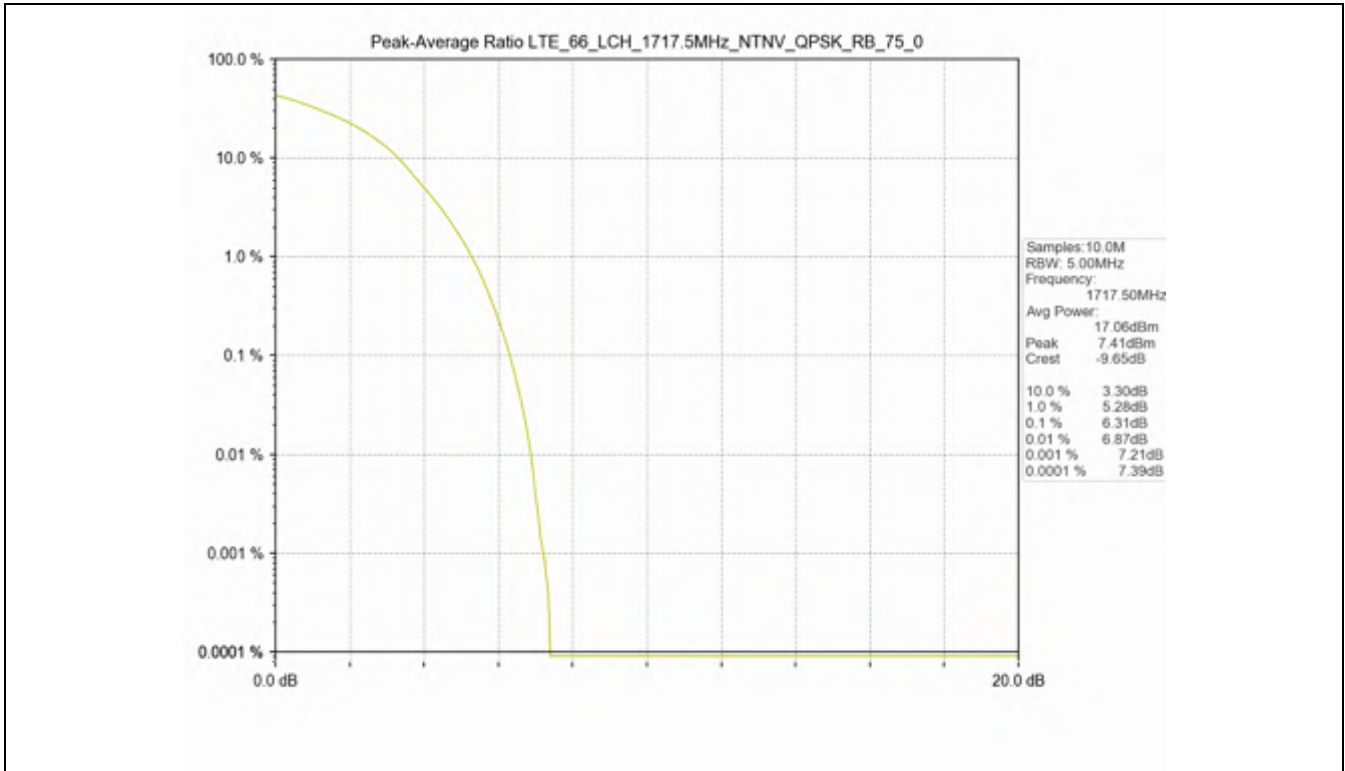
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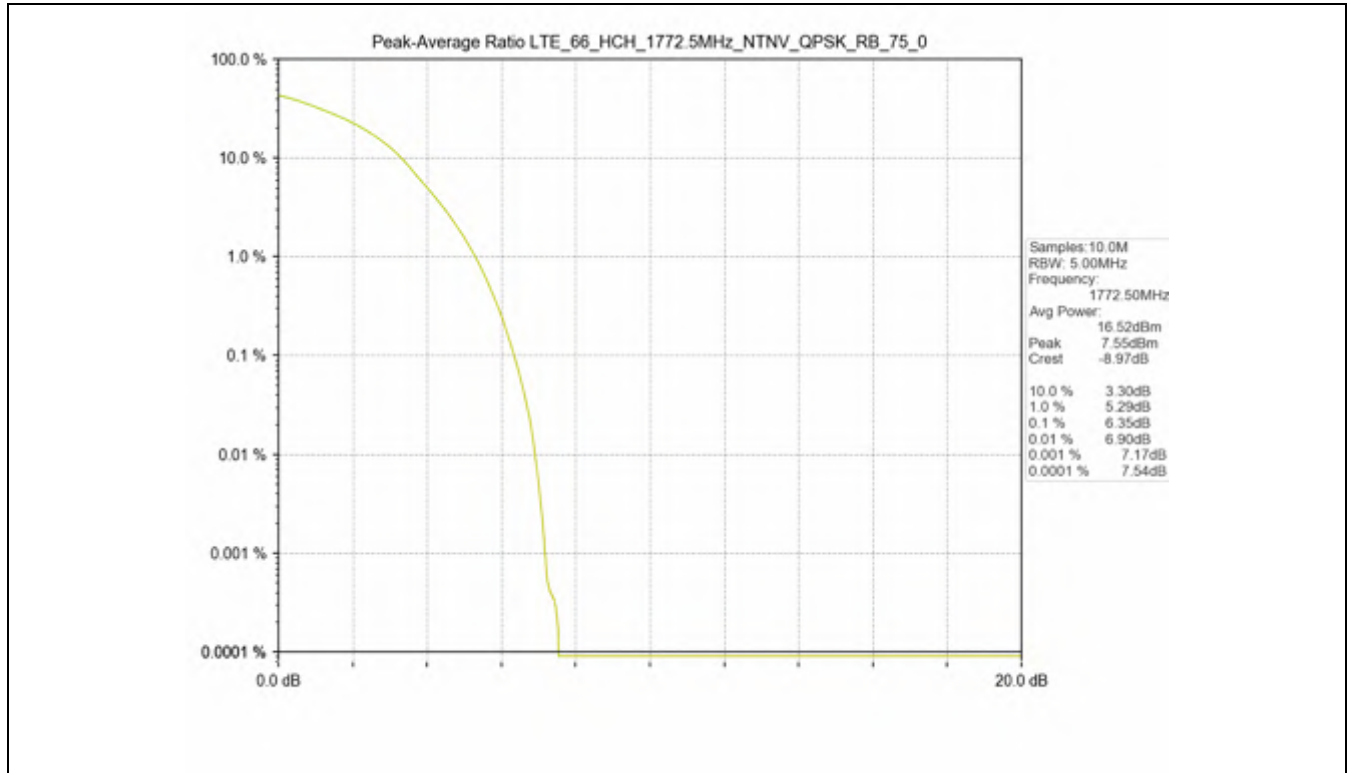
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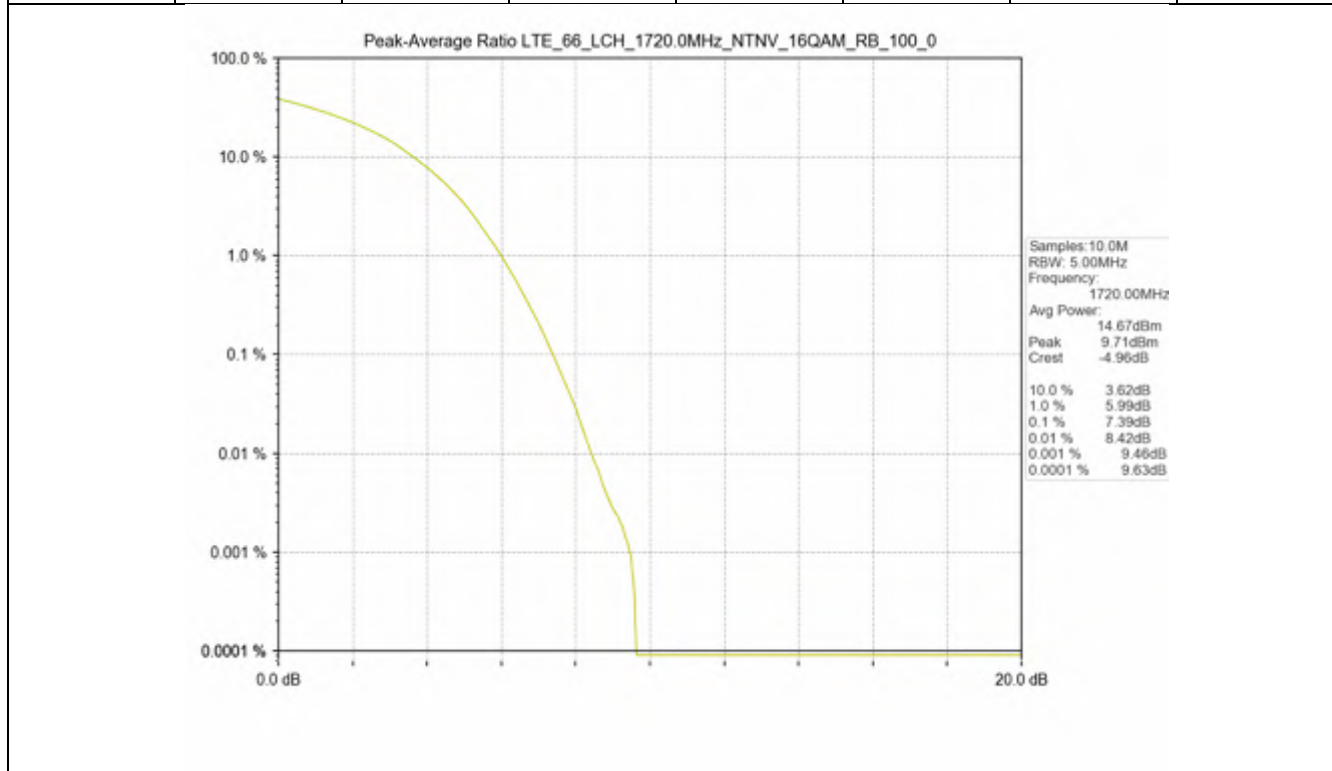
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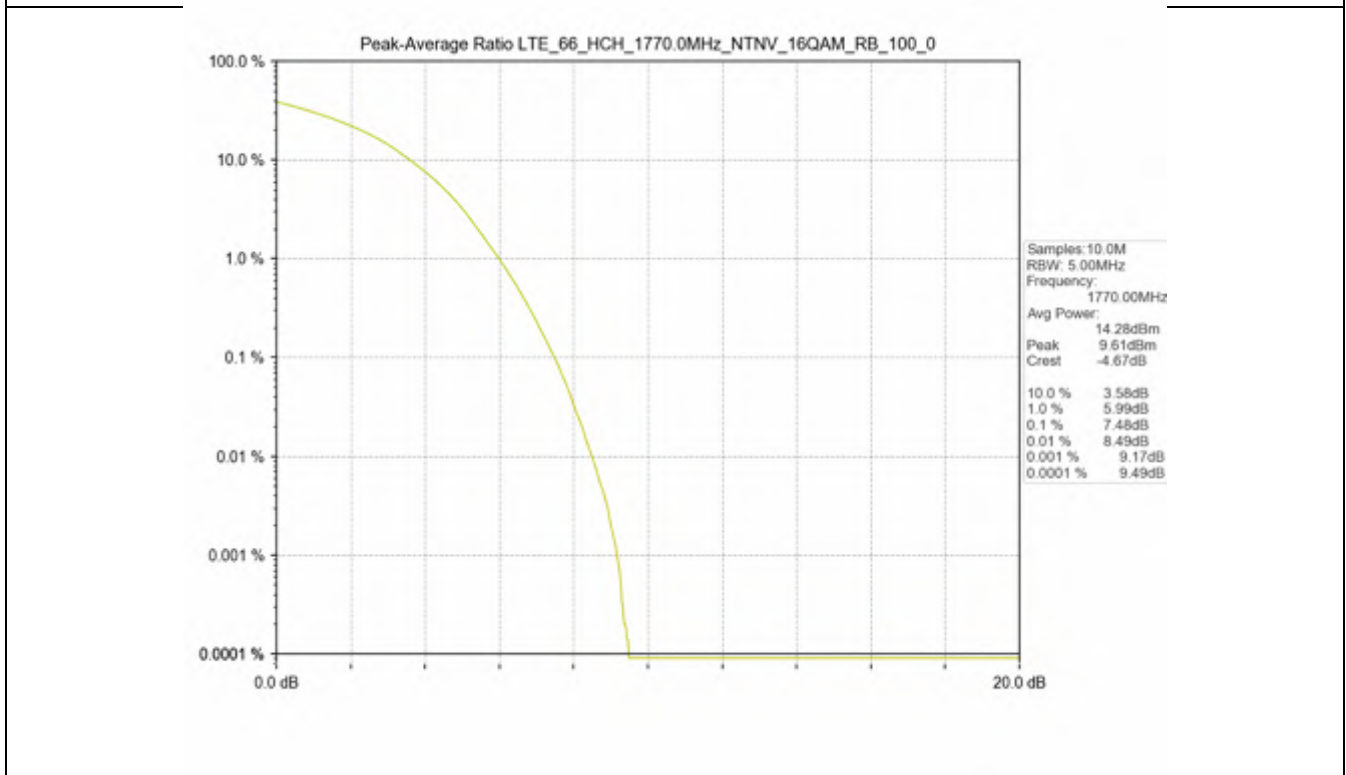
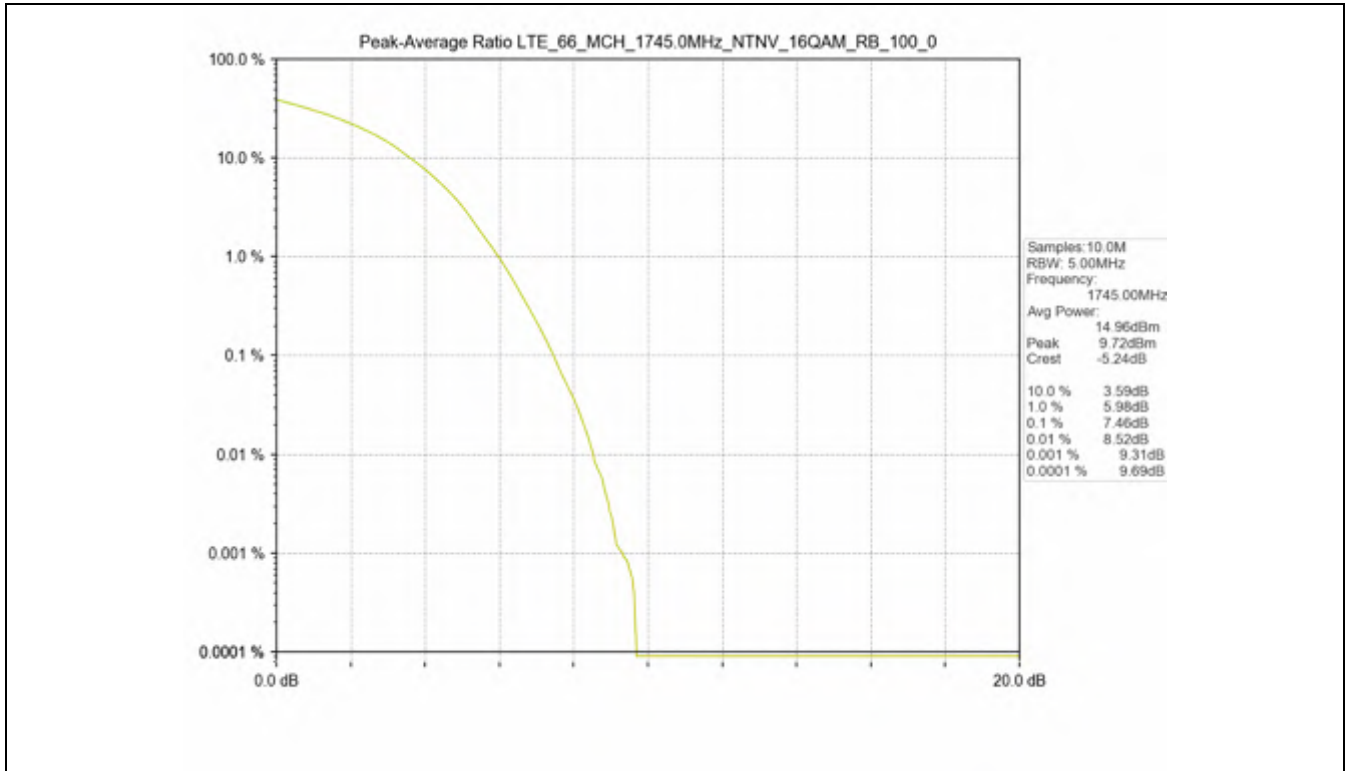
Test Band: 66 _ 20MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	6.81	6.82	6.89	13	PASS
16QAM	100	0	7.39	7.46	7.48	13	PASS



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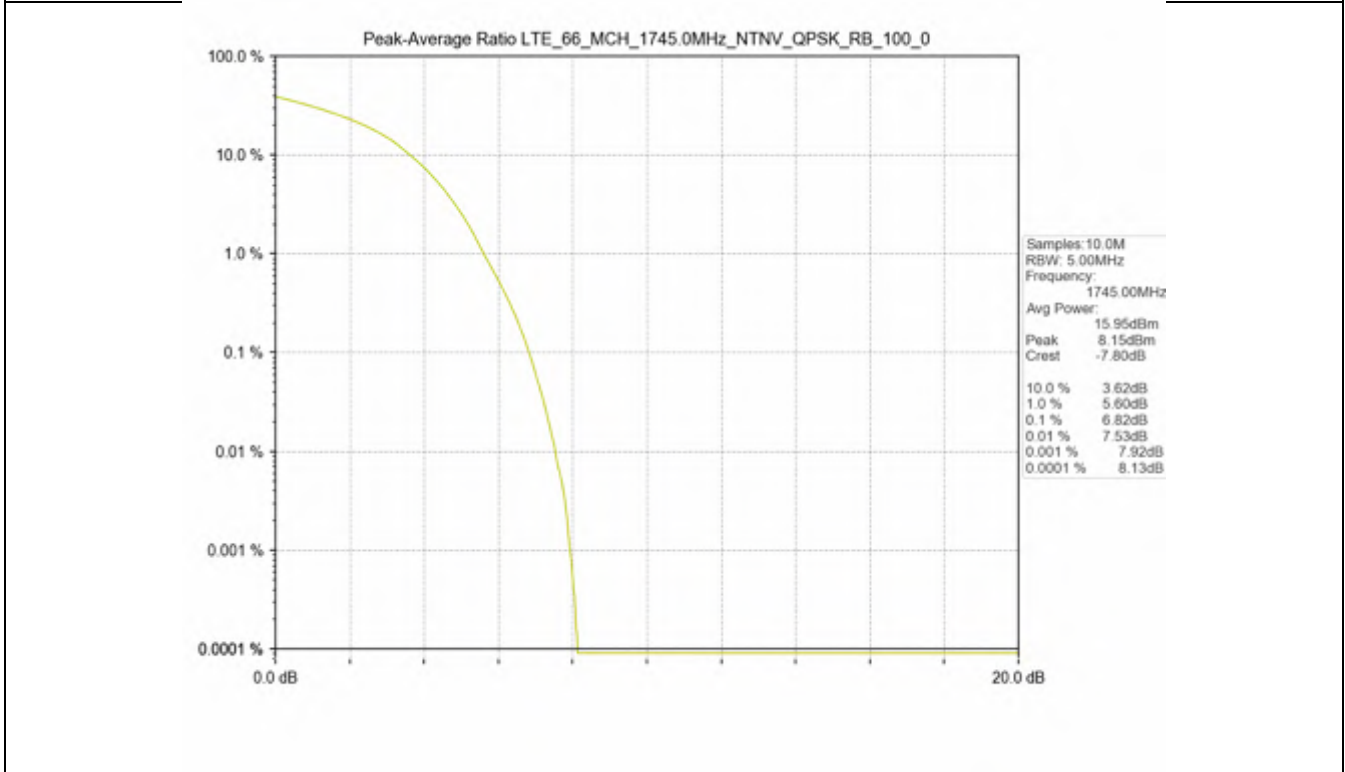
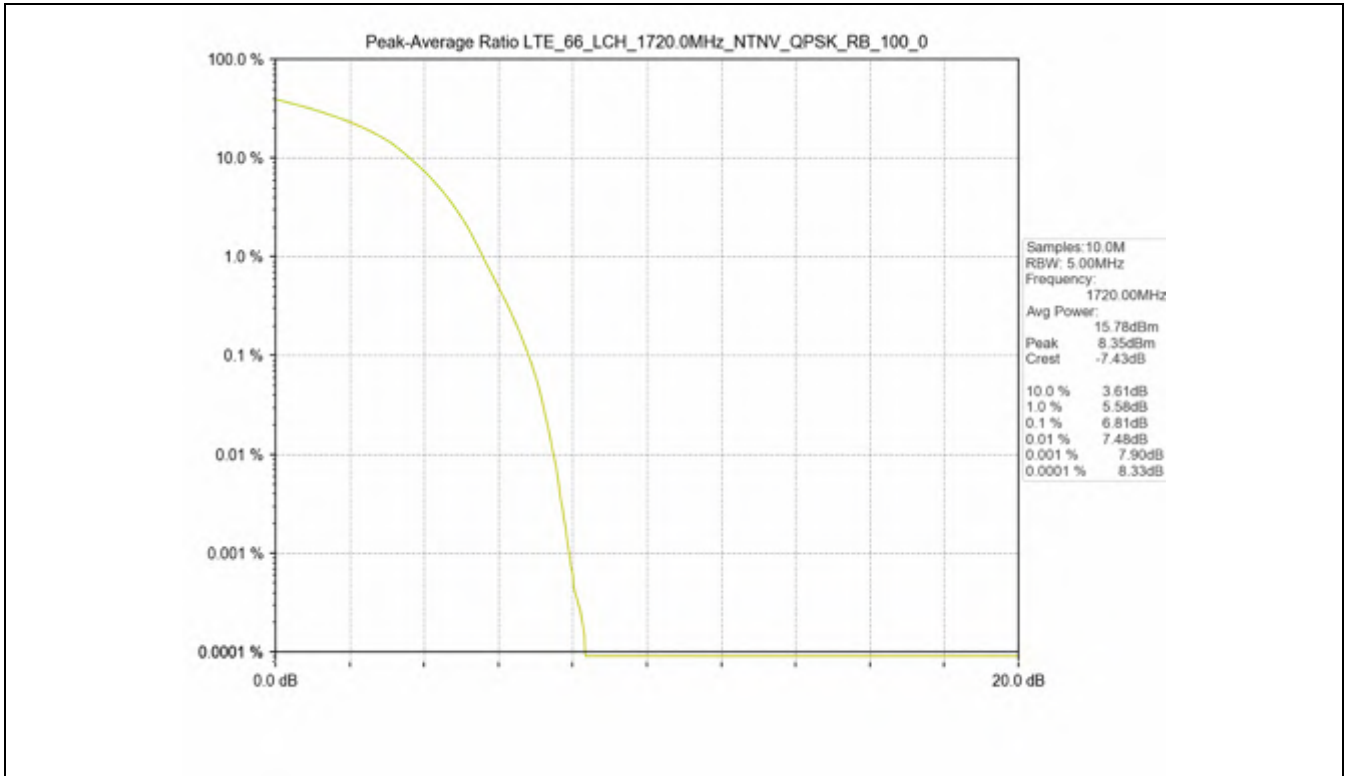
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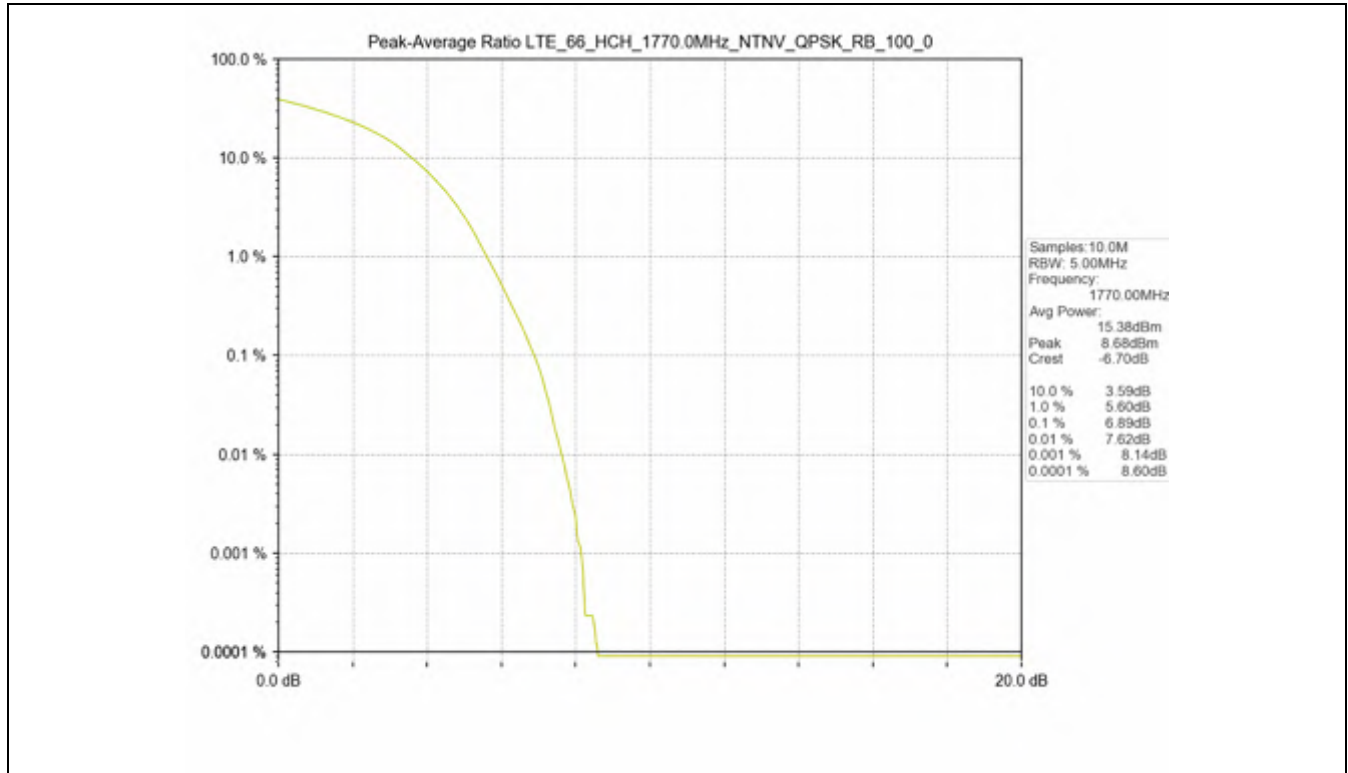
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5. Radiated Power Output Data

LTE Band 2

Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.31	20.33	20.58	/	1.00	21.31	21.33	21.58	33.01	PASS	
		2	20.39	20.46	20.67	/	1.00	21.39	21.46	21.67	33.01	PASS	
		5	20.29	20.34	20.56	/	1.00	21.29	21.34	21.56	33.01	PASS	
	3	0	20.37	20.41	20.69	/	1.00	21.37	21.41	21.69	33.01	PASS	
		2	20.36	20.45	20.78	/	1.00	21.36	21.45	21.78	33.01	PASS	
		3	20.35	20.43	20.60	/	1.00	21.35	21.43	21.60	33.01	PASS	
	16QAM	6	0	19.43	19.38	19.77	/	1.00	20.43	20.38	20.77	33.01	PASS
				19.02	19.95	19.86	/	1.00	20.02	20.95	20.86	33.01	PASS
		1	2	19.41	20.01	19.94	/	1.00	20.41	21.01	20.94	33.01	PASS
5			19.46	20.06	19.81	/	1.00	20.46	21.06	20.81	33.01	PASS	
0			19.44	19.47	19.80	/	1.00	20.44	20.47	20.80	33.01	PASS	
3		2	19.38	19.54	19.90	/	1.00	20.38	20.54	20.90	33.01	PASS	
	3	19.34	19.49	19.83	/	1.00	20.34	20.49	20.83	33.01	PASS		
6	0	17.99	18.40	18.70	/	1.00	18.99	19.40	19.70	33.01	PASS		

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 2 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.25	20.48	20.83	/	1.00	21.25	21.48	21.83	33.01	PASS
		7	20.39	20.62	20.86	/	1.00	21.39	21.62	21.86	33.01	PASS
		14	20.39	20.52	20.76	/	1.00	21.39	21.52	21.76	33.01	PASS
	8	0	19.40	19.50	19.86	/	1.00	20.40	20.50	20.86	33.01	PASS
		4	19.51	19.55	19.83	/	1.00	20.51	20.55	20.83	33.01	PASS
		7	19.55	19.54	19.75	/	1.00	20.55	20.54	20.75	33.01	PASS
	15	0	19.48	19.52	19.79	/	1.00	20.48	20.52	20.79	33.01	PASS
			19.79	19.77	19.70	/	1.00	20.79	20.77	20.70	33.01	PASS
		7	19.82	19.79	19.79	/	1.00	20.82	20.79	20.79	33.01	PASS
16QAM	1	14	19.69	19.71	19.80	/	1.00	20.69	20.71	20.80	33.01	PASS
		0	18.23	18.53	19.06	/	1.00	19.23	19.53	20.06	33.01	PASS
		4	18.26	18.73	19.04	/	1.00	19.26	19.73	20.04	33.01	PASS
	8	7	18.28	18.63	18.75	/	1.00	19.28	19.63	19.75	33.01	PASS
		0	18.29	18.62	18.87	/	1.00	19.29	19.62	19.87	33.01	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 2 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.19	20.48	20.72	/	1.00	21.19	21.48	21.72	33.01	PASS



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16QAM	12	13	20.35	20.56	20.62	/	1.00	21.35	21.56	21.62	33.01	PASS	
		24	20.30	20.39	20.77	/	1.00	21.30	21.39	21.77	33.01	PASS	
		0	19.41	19.41	19.82	/	1.00	20.41	20.41	20.82	33.01	PASS	
		6	19.60	19.55	19.79	/	1.00	20.60	20.55	20.79	33.01	PASS	
		13	19.50	19.51	19.73	/	1.00	20.50	20.51	20.73	33.01	PASS	
	25	0	19.50	19.45	19.85	/	1.00	20.50	20.45	20.85	33.01	PASS	
	1	0	19.83	19.05	19.54	/	1.00	20.83	20.05	20.54	33.01	PASS	
			13	19.89	19.05	19.51	/	1.00	20.89	20.05	20.51	33.01	PASS
			24	19.71	18.95	19.71	/	1.00	20.71	19.95	20.71	33.01	PASS
		12	0	18.29	18.34	18.75	/	1.00	19.29	19.34	19.75	33.01	PASS
6			18.40	18.49	18.75	/	1.00	19.40	19.49	19.75	33.01	PASS	
25	13	18.30	18.43	18.76	/	1.00	19.30	19.43	19.76	33.01	PASS		
25	0	18.22	18.59	18.82	/	1.00	19.22	19.59	19.82	33.01	PASS		

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 2 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.46	20.47	20.48	/	1.00	21.46	21.47	21.48	33.01	PASS
		25	20.52	20.65	20.62	/	1.00	21.52	21.65	21.62	33.01	PASS
		49	20.36	20.45	20.43	/	1.00	21.36	21.45	21.43	33.01	PASS
	25	0	19.56	19.57	19.68	/	1.00	20.56	20.57	20.68	33.01	PASS
		13	19.48	19.59	19.80	/	1.00	20.48	20.59	20.80	33.01	PASS
		25	19.41	19.44	19.82	/	1.00	20.41	20.44	20.82	33.01	PASS
50	0	19.47	19.46	19.63	/	1.00	20.47	20.46	20.63	33.01	PASS	
16QAM	1	0	20.22	20.00	18.99	/	1.00	21.22	21.00	19.99	33.01	PASS
		25	20.07	19.92	19.84	/	1.00	21.07	20.92	20.84	33.01	PASS
		49	20.10	19.73	19.66	/	1.00	21.10	20.73	20.66	33.01	PASS
	25	0	18.52	18.55	18.80	/	1.00	19.52	19.55	19.80	33.01	PASS
		13	18.45	18.67	18.91	/	1.00	19.45	19.67	19.91	33.01	PASS
		25	18.33	18.32	18.80	/	1.00	19.33	19.32	19.80	33.01	PASS
	50	0	18.30	18.48	18.56	/	1.00	19.30	19.48	19.56	33.01	PASS

Note:

1) dBd = dBi - 2.15

2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 2_ 15MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.46	20.43	20.35	/	1.00	21.46	21.43	21.35	33.01	PASS	
		38	20.38	20.41	20.54	/	1.00	21.38	21.41	21.54	33.01	PASS	
		74	20.45	20.21	20.62	/	1.00	21.45	21.21	21.62	33.01	PASS	
	36	0	19.48	19.53	19.58	/	1.00	20.48	20.53	20.58	33.01	PASS	
		18	19.58	19.55	19.74	/	1.00	20.58	20.55	20.74	33.01	PASS	
		39	19.50	19.38	19.72	/	1.00	20.50	20.38	20.72	33.01	PASS	
	75	0	19.55	19.44	19.59	/	1.00	20.55	20.44	20.59	33.01	PASS	
	16QAM	1	0	19.78	19.47	19.75	/	1.00	20.78	20.47	20.75	33.01	PASS
			38	19.78	19.57	20.08	/	1.00	20.78	20.57	21.08	33.01	PASS
74			19.84	19.56	20.26	/	1.00	20.84	20.56	21.26	33.01	PASS	
36		0	18.32	18.55	18.52	/	1.00	19.32	19.55	19.52	33.01	PASS	
		18	18.35	18.40	18.68	/	1.00	19.35	19.40	19.68	33.01	PASS	
		39	18.35	18.20	18.66	/	1.00	19.35	19.20	19.66	33.01	PASS	
75		0	18.48	18.47	18.54	/	1.00	19.48	19.47	19.54	33.01	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 2_ 20MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.50	20.35	20.44	/	1.00	21.50	21.35	21.44	33.01	PASS	
		50	20.71	20.47	20.62	/	1.00	21.71	21.47	21.62	33.01	PASS	
		99	20.64	19.94	20.73	/	1.00	21.64	20.94	21.73	33.01	PASS	
	50	0	19.50	19.55	19.55	/	1.00	20.50	20.55	20.55	33.01	PASS	
		25	19.56	19.50	19.70	/	1.00	20.56	20.50	20.70	33.01	PASS	
		50	19.64	19.41	19.78	/	1.00	20.64	20.41	20.78	33.01	PASS	
	100	0	19.62	19.48	19.52	/	1.00	20.62	20.48	20.52	33.01	PASS	
	16QAM	1	0	19.31	19.87	20.18	/	1.00	20.31	20.87	21.18	33.01	PASS
			50	19.61	20.23	20.35	/	1.00	20.61	21.23	21.35	33.01	PASS
99			19.51	19.77	20.46	/	1.00	20.51	20.77	21.46	33.01	PASS	
50		0	18.46	18.56	18.38	/	1.00	19.46	19.56	19.38	33.01	PASS	
		25	18.61	18.52	18.54	/	1.00	19.61	19.52	19.54	33.01	PASS	
		50	18.57	18.33	18.64	/	1.00	19.57	19.33	19.64	33.01	PASS	
100		0	18.57	18.52	18.58	/	1.00	19.57	19.52	19.58	33.01	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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LTE Band 4

Test Band: 4 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.28	20.64	20.94	/	1.00	22.28	21.64	21.94	30.00	PASS
		2	21.18	20.80	21.06	/	1.00	22.18	21.80	22.06	30.00	PASS
		5	21.12	20.63	20.98	/	1.00	22.12	21.63	21.98	30.00	PASS
	3	0	21.29	20.69	21.01	/	1.00	22.29	21.69	22.01	30.00	PASS
		2	21.24	20.95	21.13	/	1.00	22.24	21.95	22.13	30.00	PASS
		3	21.34	20.79	21.07	/	1.00	22.34	21.79	22.07	30.00	PASS
16QAM	1	0	20.44	19.83	20.34	/	1.00	21.44	20.83	21.34	30.00	PASS
		2	20.57	19.51	20.27	/	1.00	21.57	20.51	21.27	30.00	PASS
		5	20.73	19.46	20.67	/	1.00	21.73	20.46	21.67	30.00	PASS
	3	0	20.36	19.53	20.03	/	1.00	21.36	20.53	21.03	30.00	PASS
		2	20.41	20.03	20.06	/	1.00	21.41	21.03	21.06	30.00	PASS
		3	20.37	20.03	20.01	/	1.00	21.37	21.03	21.01	30.00	PASS
6	0	19.18	18.43	19.27	/	1.00	20.18	19.43	20.27	30.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.44	20.78	21.07	/	1.00	22.44	21.78	22.07	30.00	PASS
		7	21.50	20.67	21.15	/	1.00	22.50	21.67	22.15	30.00	PASS
		14	21.36	20.73	21.29	/	1.00	22.36	21.73	22.29	30.00	PASS
	8	0	20.40	19.68	20.23	/	1.00	21.40	20.68	21.23	30.00	PASS
		4	20.41	19.81	20.23	/	1.00	21.41	20.81	21.23	30.00	PASS
		7	20.33	19.78	20.11	/	1.00	21.33	20.78	21.11	30.00	PASS
16QAM	1	0	20.37	19.78	20.19	/	1.00	21.37	20.78	21.19	30.00	PASS
		2	20.68	20.09	20.02	/	1.00	21.68	21.09	21.02	30.00	PASS
		7	20.62	20.18	20.09	/	1.00	21.62	21.18	21.09	30.00	PASS
	8	14	21.32	20.15	20.23	/	1.00	22.32	21.15	21.23	30.00	PASS
		0	19.23	18.57	19.03	/	1.00	20.23	19.57	20.03	30.00	PASS
		4	19.25	18.70	19.03	/	1.00	20.25	19.70	20.03	30.00	PASS
15	7	19.15	18.57	18.99	/	1.00	20.15	19.57	19.99	30.00	PASS	
15	0	19.18	18.69	19.19	/	1.00	20.18	19.69	20.19	30.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 4_ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.38	20.80	21.25	/	1.00	22.38	21.80	22.25	30.00	PASS
		13	21.21	20.74	21.10	/	1.00	22.21	21.74	22.10	30.00	PASS
		24	21.28	20.78	21.41	/	1.00	22.28	21.78	22.41	30.00	PASS
	12	0	20.30	19.70	20.20	/	1.00	21.30	20.70	21.20	30.00	PASS
		6	20.38	19.80	20.26	/	1.00	21.38	20.80	21.26	30.00	PASS
		13	20.28	19.71	20.14	/	1.00	21.28	20.71	21.14	30.00	PASS
16QAM	1	0	20.28	19.69	20.15	/	1.00	21.28	20.69	21.15	30.00	PASS
		6	20.72	19.30	19.96	/	1.00	21.72	20.30	20.96	30.00	PASS
		13	20.57	19.32	19.77	/	1.00	21.57	20.32	20.77	30.00	PASS
	12	0	19.41	18.44	19.23	/	1.00	20.41	19.44	20.23	30.00	PASS
		6	19.49	18.54	19.29	/	1.00	20.49	19.54	20.29	30.00	PASS
		13	19.39	18.65	19.17	/	1.00	20.39	19.65	20.17	30.00	PASS
25	0	19.33	18.87	19.21	/	1.00	20.33	19.87	20.21	30.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4_ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.41	20.83	20.96	/	1.00	22.41	21.83	21.96	30.00	PASS
		25	21.70	20.77	21.21	/	1.00	22.70	21.77	22.21	30.00	PASS
		49	21.14	20.69	21.18	/	1.00	22.14	21.69	22.18	30.00	PASS
	25	0	20.32	19.72	20.22	/	1.00	21.32	20.72	21.22	30.00	PASS
		13	20.32	19.82	20.21	/	1.00	21.32	20.82	21.21	30.00	PASS
		25	20.30	19.72	20.06	/	1.00	21.30	20.72	21.06	30.00	PASS
16QAM	1	0	20.24	19.72	20.08	/	1.00	21.24	20.72	21.08	30.00	PASS
		6	20.57	20.02	19.90	/	1.00	21.57	21.02	20.90	30.00	PASS
		13	20.85	20.17	19.97	/	1.00	21.85	21.17	20.97	30.00	PASS
	25	0	19.52	18.49	19.25	/	1.00	20.52	19.49	20.25	30.00	PASS
		13	19.52	18.51	19.34	/	1.00	20.52	19.51	20.34	30.00	PASS
		25	19.38	18.50	19.19	/	1.00	20.38	19.50	20.19	30.00	PASS
50	0	19.31	18.78	19.15	/	1.00	20.31	19.78	20.15	30.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4_ 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		



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QPSK	1	0	21.35	20.83	20.75	/	1.00	22.35	21.83	21.75	30.00	PASS
		38	21.18	20.90	21.01	/	1.00	22.18	21.90	22.01	30.00	PASS
		74	20.52	20.97	20.93	/	1.00	21.52	21.97	21.93	30.00	PASS
	36	0	20.33	19.86	20.02	/	1.00	21.33	20.86	21.02	30.00	PASS
		18	20.38	19.80	20.20	/	1.00	21.38	20.80	21.20	30.00	PASS
		39	20.00	19.78	20.12	/	1.00	21.00	20.78	21.12	30.00	PASS
75	0	20.27	19.77	20.11	/	1.00	21.27	20.77	21.11	30.00	PASS	
16QAM	1	0	20.61	20.14	20.03	/	1.00	21.61	21.14	21.03	30.00	PASS
		38	20.76	20.04	20.29	/	1.00	21.76	21.04	21.29	30.00	PASS
		74	20.23	20.19	20.22	/	1.00	21.23	21.19	21.22	30.00	PASS
	36	0	19.41	18.63	18.97	/	1.00	20.41	19.63	19.97	30.00	PASS
		18	19.36	18.69	19.05	/	1.00	20.36	19.69	20.05	30.00	PASS
		39	19.09	18.77	18.97	/	1.00	20.09	19.77	19.97	30.00	PASS
	75	0	19.37	18.73	19.17	/	1.00	20.37	19.73	20.17	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 4 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.32	20.75	20.87	/	1.00	22.32	21.75	21.87	30.00	PASS
		50	21.34	20.94	21.09	/	1.00	22.34	21.94	22.09	30.00	PASS
		99	20.70	20.95	21.13	/	1.00	21.70	21.95	22.13	30.00	PASS
	50	0	20.43	19.81	20.04	/	1.00	21.43	20.81	21.04	30.00	PASS
		25	20.23	19.85	20.11	/	1.00	21.23	20.85	21.11	30.00	PASS
		50	19.84	19.82	20.04	/	1.00	20.84	20.82	21.04	30.00	PASS
100	0	20.14	19.81	20.09	/	1.00	21.14	20.81	21.09	30.00	PASS	
16QAM	1	0	20.37	20.17	20.73	/	1.00	21.37	21.17	21.73	30.00	PASS
		50	20.20	20.22	21.07	/	1.00	21.20	21.22	22.07	30.00	PASS
		99	19.54	20.16	20.98	/	1.00	20.54	21.16	21.98	30.00	PASS
	50	0	19.29	18.72	18.87	/	1.00	20.29	19.72	19.87	30.00	PASS
		25	19.08	18.78	19.06	/	1.00	20.08	19.78	20.06	30.00	PASS
		50	18.80	18.75	19.00	/	1.00	19.80	19.75	20.00	30.00	PASS
	100	0	19.20	18.86	19.15	/	1.00	20.20	19.86	20.15	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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LTE Band 5

Test Band: 5 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.99	22.75	22.62	-1.15	1.00	20.84	21.60	21.47	38.45	PASS
		2	22.07	22.82	22.64	-1.15	1.00	20.92	21.67	21.49	38.45	PASS
		5	21.97	22.71	22.71	-1.15	1.00	20.82	21.56	21.56	38.45	PASS
	3	0	22.17	22.90	23.04	-1.15	1.00	21.02	21.75	21.89	38.45	PASS
		2	22.27	23.08	22.93	-1.15	1.00	21.12	21.93	21.78	38.45	PASS
		3	22.19	23.19	22.82	-1.15	1.00	21.04	22.04	21.67	38.45	PASS
16QAM	1	0	21.15	21.85	21.90	-1.15	1.00	20.00	20.70	20.75	38.45	PASS
			20.95	21.77	22.19	-1.15	1.00	19.80	20.62	21.04	38.45	PASS
		2	21.48	21.95	22.41	-1.15	1.00	20.33	20.80	21.26	38.45	PASS
	3	5	21.33	22.08	22.51	-1.15	1.00	20.18	20.93	21.36	38.45	PASS
		0	21.20	21.44	22.12	-1.15	1.00	20.05	20.29	20.97	38.45	PASS
		2	21.25	21.65	22.12	-1.15	1.00	20.10	20.50	20.97	38.45	PASS
	6	3	21.18	21.63	21.81	-1.15	1.00	20.03	20.48	20.66	38.45	PASS
		3	21.18	21.63	21.81	-1.15	1.00	20.03	20.48	20.66	38.45	PASS
		0	20.26	20.43	20.78	-1.15	1.00	19.11	19.28	19.63	38.45	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 5 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.18	22.62	22.83	-1.15	1.00	21.03	21.47	21.68	38.45	PASS
		7	22.32	22.68	23.07	-1.15	1.00	21.17	21.53	21.92	38.45	PASS
		14	22.30	22.75	22.81	-1.15	1.00	21.15	21.60	21.66	38.45	PASS
	8	0	21.34	21.70	21.88	-1.15	1.00	20.19	20.55	20.73	38.45	PASS
		4	21.21	21.82	21.88	-1.15	1.00	20.06	20.67	20.73	38.45	PASS
		7	21.34	21.85	21.82	-1.15	1.00	20.19	20.70	20.67	38.45	PASS
16QAM	15	0	21.27	21.78	21.93	-1.15	1.00	20.12	20.63	20.78	38.45	PASS
			21.44	21.77	21.40	-1.15	1.00	20.29	20.62	20.25	38.45	PASS
		7	21.97	22.17	21.53	-1.15	1.00	20.82	21.02	20.38	38.45	PASS
	1	14	22.11	22.10	21.34	-1.15	1.00	20.96	20.95	20.19	38.45	PASS
		0	20.48	20.65	20.60	-1.15	1.00	19.33	19.50	19.45	38.45	PASS
		4	20.39	20.67	20.57	-1.15	1.00	19.24	19.52	19.42	38.45	PASS
	8	7	20.52	20.69	20.62	-1.15	1.00	19.37	19.54	19.47	38.45	PASS
		7	20.52	20.69	20.62	-1.15	1.00	19.37	19.54	19.47	38.45	PASS
		0	20.33	20.62	20.71	-1.15	1.00	19.18	19.47	19.56	38.45	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)



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Test Band: 5_ 5MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	22.10	22.78	23.04	-1.15	1.00	20.95	21.63	21.89	38.45	PASS	
		13	22.25	22.82	22.78	-1.15	1.00	21.10	21.67	21.63	38.45	PASS	
		24	22.15	22.81	22.83	-1.15	1.00	21.00	21.66	21.68	38.45	PASS	
	12	0	21.26	21.71	21.98	-1.15	1.00	20.11	20.56	20.83	38.45	PASS	
		6	21.28	21.74	21.91	-1.15	1.00	20.13	20.59	20.76	38.45	PASS	
		13	21.32	21.86	21.88	-1.15	1.00	20.17	20.71	20.73	38.45	PASS	
	25	0	21.33	21.81	21.97	-1.15	1.00	20.18	20.66	20.82	38.45	PASS	
	16QAM	1	0	21.44	21.32	21.78	-1.15	1.00	20.29	20.17	20.63	38.45	PASS
			13	21.63	21.36	21.61	-1.15	1.00	20.48	20.21	20.46	38.45	PASS
24			21.50	21.36	21.54	-1.15	1.00	20.35	20.21	20.39	38.45	PASS	
12		0	20.26	20.41	20.72	-1.15	1.00	19.11	19.26	19.57	38.45	PASS	
		6	19.97	20.64	20.64	-1.15	1.00	18.82	19.49	19.49	38.45	PASS	
		13	19.92	20.73	20.60	-1.15	1.00	18.77	19.58	19.45	38.45	PASS	
25		0	20.07	20.73	20.81	-1.15	1.00	18.92	19.58	19.66	38.45	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 5_ 10MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	22.16	22.70	23.01	-1.15	1.00	21.01	21.55	21.86	38.45	PASS	
		25	22.45	23.03	23.34	-1.15	1.00	21.30	21.88	22.19	38.45	PASS	
		49	22.61	23.09	23.03	-1.15	1.00	21.46	21.94	21.88	38.45	PASS	
	25	0	21.35	21.79	22.00	-1.15	1.00	20.20	20.64	20.85	38.45	PASS	
		13	21.52	21.87	22.13	-1.15	1.00	20.37	20.72	20.98	38.45	PASS	
		25	21.60	21.98	22.02	-1.15	1.00	20.45	20.83	20.87	38.45	PASS	
	50	0	21.50	21.84	22.02	-1.15	1.00	20.35	20.69	20.87	38.45	PASS	
	16QAM	1	0	21.34	21.96	21.66	-1.15	1.00	20.19	20.81	20.51	38.45	PASS
			25	21.85	22.25	21.86	-1.15	1.00	20.70	21.10	20.71	38.45	PASS
49			22.12	22.14	21.30	-1.15	1.00	20.97	20.99	20.15	38.45	PASS	
25		0	20.36	20.72	21.06	-1.15	1.00	19.21	19.57	19.91	38.45	PASS	
		13	20.53	20.91	21.17	-1.15	1.00	19.38	19.76	20.02	38.45	PASS	
		25	20.72	20.96	20.98	-1.15	1.00	19.57	19.81	19.83	38.45	PASS	
50		0	20.50	20.72	20.92	-1.15	1.00	19.35	19.57	19.77	38.45	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)



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LTE Band 7

Test Band: 7 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.58	20.58	20.07	/	1.00	21.58	21.58	21.07	33.01	PASS
		13	20.51	20.67	20.01	/	1.00	21.51	21.67	21.01	33.01	PASS
		24	20.63	20.36	20.03	/	1.00	21.63	21.36	21.03	33.01	PASS
	12	0	19.74	19.59	19.16	/	1.00	20.74	20.59	20.16	33.01	PASS
		6	19.65	19.70	19.08	/	1.00	20.65	20.70	20.08	33.01	PASS
		13	19.65	19.68	19.10	/	1.00	20.65	20.68	20.10	33.01	PASS
16QAM	1	0	19.69	19.64	19.10	/	1.00	20.69	20.64	20.10	33.01	PASS
			19.71	19.07	18.82	/	1.00	20.71	20.07	19.82	33.01	PASS
		13	19.33	19.07	18.94	/	1.00	20.33	20.07	19.94	33.01	PASS
	12	24	19.40	19.09	19.10	/	1.00	20.40	20.09	20.10	33.01	PASS
		0	18.44	18.54	18.23	/	1.00	19.44	19.54	19.23	33.01	PASS
		6	18.57	18.52	18.12	/	1.00	19.57	19.52	19.12	33.01	PASS
	25	13	18.55	18.61	18.21	/	1.00	19.55	19.61	19.21	33.01	PASS
		0	18.48	18.91	18.21	/	1.00	19.48	19.91	19.21	33.01	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 7 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.61	20.38	19.90	/	1.00	21.61	21.38	20.90	33.01	PASS
		25	20.48	20.86	20.34	/	1.00	21.48	21.86	21.34	33.01	PASS
		49	20.26	20.23	20.18	/	1.00	21.26	21.23	21.18	33.01	PASS
	25	0	19.68	19.48	19.04	/	1.00	20.68	20.48	20.04	33.01	PASS
		13	19.59	19.64	19.20	/	1.00	20.59	20.64	20.20	33.01	PASS
		25	19.57	19.62	19.21	/	1.00	20.57	20.62	20.21	33.01	PASS
16QAM	1	50	19.63	19.65	19.22	/	1.00	20.63	20.65	20.22	33.01	PASS
		0	19.66	20.13	19.16	/	1.00	20.66	21.13	20.16	33.01	PASS
		25	19.63	20.52	19.73	/	1.00	20.63	21.52	20.73	33.01	PASS
	25	49	19.13	20.13	19.36	/	1.00	20.13	21.13	20.36	33.01	PASS
		0	18.82	18.57	17.97	/	1.00	19.82	19.57	18.97	33.01	PASS
		13	18.42	18.63	18.15	/	1.00	19.42	19.63	19.15	33.01	PASS
	50	25	18.42	18.51	18.13	/	1.00	19.42	19.51	19.13	33.01	PASS
		0	18.52	18.47	18.22	/	1.00	19.52	19.47	19.22	33.01	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 7_ 15MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.50	20.26	19.79	/	1.00	21.50	21.26	20.79	33.01	PASS	
		38	20.25	20.57	20.17	/	1.00	21.25	21.57	21.17	33.01	PASS	
		74	19.95	20.13	20.10	/	1.00	20.95	21.13	21.10	33.01	PASS	
	36	0	19.69	19.54	18.96	/	1.00	20.69	20.54	19.96	33.01	PASS	
		18	19.55	19.67	19.07	/	1.00	20.55	20.67	20.07	33.01	PASS	
		39	19.32	19.49	19.22	/	1.00	20.32	20.49	20.22	33.01	PASS	
	75	0	19.59	19.51	18.96	/	1.00	20.59	20.51	19.96	33.01	PASS	
	16QAM	1	0	19.75	20.15	19.18	/	1.00	20.75	21.15	20.18	33.01	PASS
			38	19.53	19.91	19.31	/	1.00	20.53	20.91	20.31	33.01	PASS
74			19.17	19.57	19.45	/	1.00	20.17	20.57	20.45	33.01	PASS	
36		0	18.38	18.69	17.80	/	1.00	19.38	19.69	18.80	33.01	PASS	
		18	18.31	18.74	18.11	/	1.00	19.31	19.74	19.11	33.01	PASS	
		39	18.11	18.58	18.11	/	1.00	19.11	19.58	19.11	33.01	PASS	
75		0	18.47	18.61	18.01	/	1.00	19.47	19.61	19.01	33.01	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 7_ 20MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.54	20.39	19.58	/	1.00	21.54	21.39	20.58	33.01	PASS	
		50	20.21	20.72	20.18	/	1.00	21.21	21.72	21.18	33.01	PASS	
		99	19.78	20.22	19.81	/	1.00	20.78	21.22	20.81	33.01	PASS	
	50	0	19.58	19.60	18.89	/	1.00	20.58	20.60	19.89	33.01	PASS	
		25	19.47	19.66	19.07	/	1.00	20.47	20.66	20.07	33.01	PASS	
		50	19.26	19.43	19.11	/	1.00	20.26	20.43	20.11	33.01	PASS	
	100	0	19.41	19.53	18.98	/	1.00	20.41	20.53	19.98	33.01	PASS	
	16QAM	1	0	19.91	19.46	18.80	/	1.00	20.91	20.46	19.80	33.01	PASS
			50	20.12	19.74	19.50	/	1.00	21.12	20.74	20.50	33.01	PASS
99			19.68	19.28	19.63	/	1.00	20.68	20.28	20.63	33.01	PASS	
50		0	18.64	18.63	17.85	/	1.00	19.64	19.63	18.85	33.01	PASS	
		25	18.44	18.63	18.22	/	1.00	19.44	19.63	19.22	33.01	PASS	
		50	18.15	18.41	18.21	/	1.00	19.15	19.41	19.21	33.01	PASS	
100		0	18.39	18.49	17.93	/	1.00	19.39	19.49	18.93	33.01	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

LTE Band 12



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Test Band: 12_ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.73	22.28	22.32	-1.15	1.00	21.58	21.13	21.17	34.77	PASS
		2	22.78	22.37	22.40	-1.15	1.00	21.63	21.22	21.25	34.77	PASS
		5	22.74	22.24	22.26	-1.15	1.00	21.59	21.09	21.11	34.77	PASS
	3	0	22.64	22.38	22.52	-1.15	1.00	21.49	21.23	21.37	34.77	PASS
		2	22.69	22.37	22.55	-1.15	1.00	21.54	21.22	21.40	34.77	PASS
		3	22.62	22.38	22.45	-1.15	1.00	21.47	21.23	21.30	34.77	PASS
16QAM	1	0	21.68	21.20	21.41	-1.15	1.00	20.53	20.05	20.26	34.77	PASS
		2	22.28	21.41	21.17	-1.15	1.00	21.13	20.26	20.02	34.77	PASS
		5	22.52	21.66	21.50	-1.15	1.00	21.37	20.51	20.35	34.77	PASS
	3	0	21.79	21.17	21.51	-1.15	1.00	20.64	20.02	20.36	34.77	PASS
		2	21.79	21.30	21.49	-1.15	1.00	20.64	20.15	20.34	34.77	PASS
		3	21.33	21.36	21.51	-1.15	1.00	20.18	20.21	20.36	34.77	PASS
6	0	20.77	20.44	20.58	-1.15	1.00	19.62	19.29	19.43	34.77	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)
- 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 12_ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.61	22.29	22.37	-1.15	1.00	21.46	21.14	21.22	34.77	PASS
		7	22.54	22.28	22.26	-1.15	1.00	21.39	21.13	21.11	34.77	PASS
		14	22.33	22.09	22.45	-1.15	1.00	21.18	20.94	21.30	34.77	PASS
	8	0	21.69	21.31	21.27	-1.15	1.00	20.54	20.16	20.12	34.77	PASS
		4	21.75	21.35	21.49	-1.15	1.00	20.60	20.20	20.34	34.77	PASS
		7	21.57	21.23	21.35	-1.15	1.00	20.42	20.08	20.20	34.77	PASS
16QAM	1	0	21.60	21.32	21.43	-1.15	1.00	20.45	20.17	20.28	34.77	PASS
		7	21.46	21.75	21.45	-1.15	1.00	20.31	20.60	20.30	34.77	PASS
		14	21.31	22.08	21.67	-1.15	1.00	20.16	20.93	20.52	34.77	PASS
	8	0	21.42	21.36	21.58	-1.15	1.00	20.27	20.21	20.43	34.77	PASS
		0	20.51	20.05	20.43	-1.15	1.00	19.36	18.90	19.28	34.77	PASS
		4	20.68	20.02	20.57	-1.15	1.00	19.53	18.87	19.42	34.77	PASS
15	0	20.49	19.98	20.52	-1.15	1.00	19.34	18.83	19.37	34.77	PASS	
15	0	20.43	20.06	20.27	-1.15	1.00	19.28	18.91	19.12	34.77	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)
- 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 12_ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.47	22.12	22.42	-1.15	1.00	21.32	20.97	21.27	34.77	PASS
		13	22.48	22.04	22.30	-1.15	1.00	21.33	20.89	21.15	34.77	PASS
		24	22.49	21.98	22.38	-1.15	1.00	21.34	20.83	21.23	34.77	PASS
	12	0	21.62	21.30	21.10	-1.15	1.00	20.47	20.15	19.95	34.77	PASS
6		21.53	21.30	21.22	-1.15	1.00	20.38	20.15	20.07	34.77	PASS	



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16QAM	25	13	21.43	21.21	21.26	-1.15	1.00	20.28	20.06	20.11	34.77	PASS
		0	21.45	21.24	21.24	-1.15	1.00	20.30	20.09	20.09	34.77	PASS
			21.41	21.62	20.56	-1.15	1.00	20.26	20.47	19.41	34.77	PASS
	1	13	21.30	21.34	20.66	-1.15	1.00	20.15	20.19	19.51	34.77	PASS
		24	21.19	21.29	20.82	-1.15	1.00	20.04	20.14	19.67	34.77	PASS
	12	0	20.65	20.05	20.16	-1.15	1.00	19.50	18.90	19.01	34.77	PASS
		6	20.44	19.99	20.19	-1.15	1.00	19.29	18.84	19.04	34.77	PASS
		13	20.24	19.97	20.23	-1.15	1.00	19.09	18.82	19.08	34.77	PASS
	25	0	20.48	20.16	20.32	-1.15	1.00	19.33	19.01	19.17	34.77	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 12 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.63	22.29	22.40	-1.15	1.00	21.48	21.14	21.25	34.77	PASS
		25	22.32	22.24	22.33	-1.15	1.00	21.17	21.09	21.18	34.77	PASS
		49	22.05	21.92	22.21	-1.15	1.00	20.90	20.77	21.06	34.77	PASS
	25	0	21.55	21.33	21.30	-1.15	1.00	20.40	20.18	20.15	34.77	PASS
		13	21.39	21.26	21.24	-1.15	1.00	20.24	20.11	20.10	34.77	PASS
		25	21.33	21.16	21.24	-1.15	1.00	20.18	20.01	20.09	34.77	PASS
50	0	21.42	21.24	21.22	-1.15	1.00	20.27	20.09	20.07	34.77	PASS	
16QAM	1		21.51	21.96	21.64	-1.15	1.00	20.36	20.81	20.49	34.77	PASS
		25	21.37	22.01	21.47	-1.15	1.00	20.22	20.86	20.32	34.77	PASS
		49	21.02	21.73	21.63	-1.15	1.00	19.87	20.58	20.48	34.77	PASS
	25	0	20.54	20.31	20.20	-1.15	1.00	19.39	19.16	19.05	34.77	PASS
		13	20.41	20.21	20.25	-1.15	1.00	19.26	19.06	19.10	34.77	PASS
		25	20.14	20.11	20.25	-1.15	1.00	18.99	18.96	19.10	34.77	PASS
	50	0	20.26	19.97	20.28	-1.15	1.00	19.11	18.82	19.13	34.77	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)



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LTE Band 13

Test Band: 13_ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.93	22.94	22.69	-1.15	1.00	21.78	21.79	21.54	34.77	PASS
		13	23.05	22.69	22.56	-1.15	1.00	21.90	21.54	21.41	34.77	PASS
		24	23.01	22.89	22.76	-1.15	1.00	21.86	21.74	21.61	34.77	PASS
	12	0	21.86	22.00	21.82	-1.15	1.00	20.71	20.85	20.67	34.77	PASS
		6	21.82	21.80	21.61	-1.15	1.00	20.67	20.65	20.46	34.77	PASS
		13	21.96	21.80	21.74	-1.15	1.00	20.81	20.65	20.59	34.77	PASS
16QAM	1	0	21.96	21.98	21.68	-1.15	1.00	20.81	20.83	20.53	34.77	PASS
		13	21.92	22.10	21.23	-1.15	1.00	20.77	20.95	20.08	34.77	PASS
		24	21.98	21.77	21.25	-1.15	1.00	20.83	20.62	20.10	34.77	PASS
	12	0	20.85	20.84	20.84	-1.15	1.00	19.70	19.69	19.69	34.77	PASS
		6	20.81	20.75	20.63	-1.15	1.00	19.66	19.60	19.48	34.77	PASS
		13	20.94	20.73	20.76	-1.15	1.00	19.79	19.58	19.61	34.77	PASS
	25	0	20.97	20.83	20.68	-1.15	1.00	19.82	19.68	19.53	34.77	PASS

- Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 13_ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	22.81	/	-1.15	1.00	/	21.66	/	34.77	PASS
		25	/	22.64	/	-1.15	1.00	/	21.49	/	34.77	PASS
		49	/	22.60	/	-1.15	1.00	/	21.45	/	34.77	PASS
	25	0	/	21.85	/	-1.15	1.00	/	20.70	/	34.77	PASS
		13	/	21.78	/	-1.15	1.00	/	20.63	/	34.77	PASS
		25	/	21.59	/	-1.15	1.00	/	20.44	/	34.77	PASS
16QAM	1	0	/	21.73	/	-1.15	1.00	/	20.58	/	34.77	PASS
		25	/	21.87	/	-1.15	1.00	/	20.72	/	34.77	PASS
		49	/	21.71	/	-1.15	1.00	/	20.56	/	34.77	PASS
	25	0	/	20.98	/	-1.15	1.00	/	19.83	/	34.77	PASS
		13	/	20.58	/	-1.15	1.00	/	19.43	/	34.77	PASS
		25	/	20.49	/	-1.15	1.00	/	19.34	/	34.77	PASS
	50	0	/	20.59	/	-1.15	1.00	/	19.44	/	34.77	PASS

- Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

LTE Band 17

Test Band: 17_ 5MHz Bandwidth												
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Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.35	22.24	22.08	-1.15	1.00	21.20	21.09	20.93	34.77	PASS
		13	22.16	22.18	22.28	-1.15	1.00	21.01	21.03	21.13	34.77	PASS
		24	22.27	22.30	22.40	-1.15	1.00	21.12	21.15	21.25	34.77	PASS
	12	0	21.47	21.33	21.29	-1.15	1.00	20.32	20.18	20.14	34.77	PASS
		6	21.30	21.30	21.31	-1.15	1.00	20.15	20.15	20.16	34.77	PASS
		13	21.33	21.27	21.33	-1.15	1.00	20.18	20.12	20.18	34.77	PASS
16QAM	1	0	21.44	21.17	21.31	-1.15	1.00	20.29	20.02	20.16	34.77	PASS
			21.17	21.47	20.52	-1.15	1.00	20.02	20.32	19.37	34.77	PASS
		13	20.89	21.47	20.56	-1.15	1.00	19.74	20.32	19.41	34.77	PASS
	12	24	21.06	21.46	20.57	-1.15	1.00	19.91	20.31	19.42	34.77	PASS
		0	20.46	20.19	20.01	-1.15	1.00	19.31	19.04	18.86	34.77	PASS
		6	20.34	20.16	20.03	-1.15	1.00	19.19	19.01	18.88	34.77	PASS
25	13	20.35	20.13	20.17	-1.15	1.00	19.20	18.98	19.02	34.77	PASS	
25	0	20.37	20.09	20.37	-1.15	1.00	19.22	18.94	19.22	34.77	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)
- 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 17_ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.43	22.29	22.33	-1.15	1.00	21.28	21.14	21.18	34.77	PASS
		25	22.28	22.65	22.46	-1.15	1.00	21.13	21.50	21.31	34.77	PASS
		49	22.18	22.39	22.34	-1.15	1.00	21.03	21.24	21.19	34.77	PASS
	25	0	21.48	21.33	21.33	-1.15	1.00	20.33	20.18	20.18	34.77	PASS
		13	21.43	21.36	21.37	-1.15	1.00	20.28	20.21	20.22	34.77	PASS
		25	21.41	21.34	21.38	-1.15	1.00	20.26	20.19	20.23	34.77	PASS
16QAM	1	0	21.43	21.27	21.36	-1.15	1.00	20.28	20.12	20.21	34.77	PASS
			21.43	21.74	21.65	-1.15	1.00	20.28	20.59	20.50	34.77	PASS
		25	21.53	21.68	21.70	-1.15	1.00	20.38	20.53	20.55	34.77	PASS
	25	49	21.32	21.95	21.64	-1.15	1.00	20.17	20.80	20.49	34.77	PASS
		0	20.48	20.39	20.21	-1.15	1.00	19.33	19.24	19.06	34.77	PASS
		13	20.46	20.32	20.37	-1.15	1.00	19.31	19.17	19.22	34.77	PASS
50	25	20.41	20.34	20.37	-1.15	1.00	19.26	19.19	19.22	34.77	PASS	
50	0	20.36	20.30	20.29	-1.15	1.00	19.21	19.15	19.14	34.77	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)
- 3) ERP = Conducted output power + Antenna gain (dBd)

LTE Band 25

Test Band: 25_ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.89	20.77	21.04	/	1.00	21.89	21.77	22.04	33.01	PASS
		2	21.16	20.93	20.94	/	1.00	22.16	21.93	21.94	33.01	PASS
		5	20.99	20.82	20.87	/	1.00	21.99	21.82	21.87	33.01	PASS
	3	0	20.90	20.82	21.12	/	1.00	21.90	21.82	22.12	33.01	PASS



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16QAM	6	2	20.90	21.04	21.02	/	1.00	21.90	22.04	22.02	33.01	PASS	
		3	20.87	20.88	20.96	/	1.00	21.87	21.88	21.96	33.01	PASS	
		0	19.85	19.82	20.13	/	1.00	20.85	20.82	21.13	33.01	PASS	
			19.92	19.67	20.43	/	1.00	20.92	20.67	21.43	33.01	PASS	
		1	2	20.13	19.94	20.87	/	1.00	21.13	20.94	21.87	33.01	PASS
			5	20.03	19.86	20.55	/	1.00	21.03	20.86	21.55	33.01	PASS
	3	0	19.98	20.05	20.34	/	1.00	20.98	21.05	21.34	33.01	PASS	
		2	19.92	20.11	20.23	/	1.00	20.92	21.11	21.23	33.01	PASS	
		3	19.68	20.08	20.09	/	1.00	20.68	21.08	21.09	33.01	PASS	
		6	0	18.68	18.87	18.94	/	1.00	19.68	19.87	19.94	33.01	PASS

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 25 3MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.89	20.90	21.22	/	1.00	21.89	21.90	22.22	33.01	PASS	
		7	21.08	21.01	21.12	/	1.00	22.08	22.01	22.12	33.01	PASS	
		14	20.67	21.02	21.12	/	1.00	21.67	22.02	22.12	33.01	PASS	
	8	0	19.94	19.95	20.33	/	1.00	20.94	20.95	21.33	33.01	PASS	
		4	19.96	19.97	20.25	/	1.00	20.96	20.97	21.25	33.01	PASS	
		7	19.90	19.93	20.20	/	1.00	20.90	20.93	21.20	33.01	PASS	
	15	0	19.90	19.89	20.22	/	1.00	20.90	20.89	21.22	33.01	PASS	
	16QAM	1	0	19.99	20.07	20.50	/	1.00	20.99	21.07	21.50	33.01	PASS
			7	19.90	20.26	20.51	/	1.00	20.90	21.26	21.51	33.01	PASS
14			19.92	20.18	20.53	/	1.00	20.92	21.18	21.53	33.01	PASS	
8		0	18.73	18.84	19.31	/	1.00	19.73	19.84	20.31	33.01	PASS	
		4	18.75	18.93	19.22	/	1.00	19.75	19.93	20.22	33.01	PASS	
		7	18.80	19.14	19.29	/	1.00	19.80	20.14	20.29	33.01	PASS	
15		0	18.89	18.87	19.09	/	1.00	19.89	19.87	20.09	33.01	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 25_ 5MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.84	20.82	21.16	/	1.00	21.84	21.82	22.16	33.01	PASS	
		13	20.94	20.91	21.22	/	1.00	21.94	21.91	22.22	33.01	PASS	
		24	21.02	20.86	21.18	/	1.00	22.02	21.86	22.18	33.01	PASS	
	12	0	19.98	19.87	20.14	/	1.00	20.98	20.87	21.14	33.01	PASS	
		6	19.97	19.92	20.15	/	1.00	20.97	20.92	21.15	33.01	PASS	
		13	19.89	19.88	20.08	/	1.00	20.89	20.88	21.08	33.01	PASS	
	25	0	19.87	19.92	20.20	/	1.00	20.87	20.92	21.20	33.01	PASS	
			19.84	20.29	19.67	/	1.00	20.84	21.29	20.67	33.01	PASS	
		13	19.79	20.40	19.35	/	1.00	20.79	21.40	20.35	33.01	PASS	
16QAM	1	24	20.08	20.44	19.49	/	1.00	21.08	21.44	20.49	33.01	PASS	
		0	18.88	18.90	19.05	/	1.00	19.88	19.90	20.05	33.01	PASS	
		6	18.80	18.91	19.07	/	1.00	19.80	19.91	20.07	33.01	PASS	
	12	13	18.83	18.92	19.00	/	1.00	19.83	19.92	20.00	33.01	PASS	
		25	0	18.82	18.89	19.25	/	1.00	19.82	19.89	20.25	33.01	PASS
			19.82	19.89	20.25	/	1.00	19.82	19.89	20.25	33.01	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 25_ 10MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.90	20.91	21.15	/	1.00	21.90	21.91	22.15	33.01	PASS	
		25	21.16	21.12	21.26	/	1.00	22.16	22.12	22.26	33.01	PASS	
		49	21.04	20.87	21.17	/	1.00	22.04	21.87	22.17	33.01	PASS	
	25	0	19.92	19.91	20.28	/	1.00	20.92	20.91	21.28	33.01	PASS	
		13	19.99	19.93	20.18	/	1.00	20.99	20.93	21.18	33.01	PASS	
		25	19.89	19.89	20.10	/	1.00	20.89	20.89	21.10	33.01	PASS	
	50	0	19.97	19.90	20.19	/	1.00	20.97	20.90	21.19	33.01	PASS	
			19.73	20.74	20.46	/	1.00	20.73	21.74	21.46	33.01	PASS	
		25	20.02	20.64	20.67	/	1.00	21.02	21.64	21.67	33.01	PASS	
16QAM	1	49	19.59	20.47	20.52	/	1.00	20.59	21.47	21.52	33.01	PASS	
		0	19.06	18.96	19.36	/	1.00	20.06	19.96	20.36	33.01	PASS	
		13	19.12	18.97	19.26	/	1.00	20.12	19.97	20.26	33.01	PASS	
	25	25	18.82	18.83	19.08	/	1.00	19.82	19.83	20.08	33.01	PASS	
		50	0	18.81	18.92	19.22	/	1.00	19.81	19.92	20.22	33.01	PASS
			18.81	18.92	19.22	/	1.00	19.81	19.92	20.22	33.01	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 25_15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.70	20.93	20.95	/	1.00	21.70	21.93	21.95	33.01	PASS
		38	20.82	20.90	21.50	/	1.00	21.82	21.90	22.50	33.01	PASS
		74	20.89	20.72	21.08	/	1.00	21.89	21.72	22.08	33.01	PASS
	36	0	19.98	20.04	20.22	/	1.00	20.98	21.04	21.22	33.01	PASS
		18	20.02	20.03	20.24	/	1.00	21.02	21.03	21.24	33.01	PASS
		39	19.95	19.84	20.08	/	1.00	20.95	20.84	21.08	33.01	PASS
	75	0	19.97	19.93	20.16	/	1.00	20.97	20.93	21.16	33.01	PASS
			19.76	20.72	19.77	/	1.00	20.76	21.72	20.77	33.01	PASS
		38	20.16	20.77	20.60	/	1.00	21.16	21.77	21.60	33.01	PASS
16QAM	1	74	19.78	20.46	20.18	/	1.00	20.78	21.46	21.18	33.01	PASS
		0	18.82	18.94	19.09	/	1.00	19.82	19.94	20.09	33.01	PASS
		18	18.87	18.97	19.20	/	1.00	19.87	19.97	20.20	33.01	PASS
	36	39	18.89	18.87	19.14	/	1.00	19.89	19.87	20.14	33.01	PASS
		0	18.90	18.97	19.20	/	1.00	19.90	19.97	20.20	33.01	PASS
		75	18.90	18.97	19.20	/	1.00	19.90	19.97	20.20	33.01	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 25_20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.79	21.20	20.61	/	1.00	21.79	22.20	21.61	33.01	PASS
		50	20.99	21.04	21.17	/	1.00	21.99	22.04	22.17	33.01	PASS
		99	21.02	20.84	20.88	/	1.00	22.02	21.84	21.88	33.01	PASS
	50	0	20.00	19.98	20.11	/	1.00	21.00	20.98	21.11	33.01	PASS
		25	20.08	19.97	20.21	/	1.00	21.08	20.97	21.21	33.01	PASS
		50	20.07	19.85	20.18	/	1.00	21.07	20.85	21.18	33.01	PASS
	100	0	20.13	19.91	20.15	/	1.00	21.13	20.91	21.15	33.01	PASS
			20.13	20.19	19.83	/	1.00	21.13	21.19	20.83	33.01	PASS
		50	20.84	20.10	20.90	/	1.00	21.84	21.10	21.90	33.01	PASS
16QAM	1	99	20.26	19.72	20.39	/	1.00	21.26	20.72	21.39	33.01	PASS
		0	18.94	18.91	19.11	/	1.00	19.94	19.91	20.11	33.01	PASS
		25	19.05	18.87	19.14	/	1.00	20.05	19.87	20.14	33.01	PASS
	50	50	19.02	18.77	19.10	/	1.00	20.02	19.77	20.10	33.01	PASS
		0	19.01	18.90	19.09	/	1.00	20.01	19.90	20.09	33.01	PASS
		100	19.01	18.90	19.09	/	1.00	20.01	19.90	20.09	33.01	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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LTE Band 26a

Test Band: 26a _ MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.55	22.39	22.29	-1.15	1.00	21.40	21.24	21.14	50.00	PASS
		2	22.60	22.52	22.41	-1.15	1.00	21.45	21.37	21.26	50.00	PASS
		5	22.51	22.35	22.30	-1.15	1.00	21.36	21.20	21.15	50.00	PASS
	3	0	22.84	22.50	22.28	-1.15	1.00	21.69	21.35	21.13	50.00	PASS
		2	22.80	22.54	22.37	-1.15	1.00	21.65	21.39	21.22	50.00	PASS
		3	22.76	22.48	22.35	-1.15	1.00	21.61	21.33	21.20	50.00	PASS
16QAM	1	0	21.79	21.56	21.41	-1.15	1.00	20.64	20.41	20.26	50.00	PASS
		2	22.00	21.30	21.21	-1.15	1.00	20.85	20.15	20.06	50.00	PASS
		5	22.22	21.43	21.29	-1.15	1.00	21.07	20.28	20.14	50.00	PASS
	3	0	21.91	21.64	21.28	-1.15	1.00	20.76	20.49	20.13	50.00	PASS
		2	21.78	21.72	21.44	-1.15	1.00	20.63	20.57	20.29	50.00	PASS
		3	21.64	21.47	21.48	-1.15	1.00	20.49	20.32	20.33	50.00	PASS
6	0	20.67	20.56	20.33	-1.15	1.00	19.52	19.41	19.18	50.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26a _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.66	22.53	22.40	-1.15	1.00	21.51	21.38	21.25	50.00	PASS
		7	22.78	22.57	22.23	-1.15	1.00	21.63	21.42	21.08	50.00	PASS
		14	22.78	22.70	22.28	-1.15	1.00	21.63	21.55	21.13	50.00	PASS
	8	0	21.73	21.48	21.28	-1.15	1.00	20.58	20.33	20.13	50.00	PASS
		4	21.65	21.53	21.38	-1.15	1.00	20.50	20.38	20.23	50.00	PASS
		7	21.58	21.48	21.39	-1.15	1.00	20.43	20.33	20.24	50.00	PASS
16QAM	1	0	21.59	21.48	21.35	-1.15	1.00	20.44	20.33	20.20	50.00	PASS
		7	21.75	21.98	21.72	-1.15	1.00	20.60	20.83	20.57	50.00	PASS
		14	21.26	22.34	21.65	-1.15	1.00	20.11	21.19	20.50	50.00	PASS
	8	0	20.75	20.65	20.18	-1.15	1.00	19.60	19.50	19.03	50.00	PASS
		4	20.67	20.65	20.07	-1.15	1.00	19.52	19.50	18.92	50.00	PASS
		7	20.61	20.70	20.11	-1.15	1.00	19.46	19.55	18.96	50.00	PASS
15	0	20.70	20.28	20.14	-1.15	1.00	19.55	19.13	18.99	50.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26a _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		



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QPSK	1	0	22.57	22.40	22.38	-1.15	1.00	21.42	21.25	21.23	50.00	PASS
		13	22.33	22.37	22.44	-1.15	1.00	21.18	21.22	21.29	50.00	PASS
		24	22.26	22.51	22.22	-1.15	1.00	21.11	21.36	21.07	50.00	PASS
	12	0	21.62	21.49	21.47	-1.15	1.00	20.47	20.34	20.32	50.00	PASS
		6	21.62	21.43	21.55	-1.15	1.00	20.47	20.28	20.40	50.00	PASS
		13	21.49	21.50	21.38	-1.15	1.00	20.34	20.35	20.23	50.00	PASS
25	0	21.47	21.48	21.41	-1.15	1.00	20.32	20.33	20.26	50.00	PASS	

16QAM	1	0	21.61	21.41	20.61	-1.15	1.00	20.46	20.26	19.46	50.00	PASS
		13	21.40	21.43	20.65	-1.15	1.00	20.25	20.28	19.50	50.00	PASS
		24	21.40	21.41	20.90	-1.15	1.00	20.25	20.26	19.75	50.00	PASS
	12	0	20.40	20.04	20.16	-1.15	1.00	19.25	18.89	19.01	50.00	PASS
		6	20.44	20.09	20.10	-1.15	1.00	19.29	18.94	18.95	50.00	PASS
		13	20.36	20.10	19.90	-1.15	1.00	19.21	18.95	18.75	50.00	PASS
25	0	20.43	20.40	20.27	-1.15	1.00	19.28	19.25	19.12	50.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26a _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	22.71	/	-1.15	1.00	/	21.56	/	50.00	PASS
		25	/	22.70	/	-1.15	1.00	/	21.55	/	50.00	PASS
		49	/	22.51	/	-1.15	1.00	/	21.36	/	50.00	PASS
	25	0	/	21.47	/	-1.15	1.00	/	20.32	/	50.00	PASS
		13	/	21.55	/	-1.15	1.00	/	20.40	/	50.00	PASS
		25	/	21.43	/	-1.15	1.00	/	20.28	/	50.00	PASS
50	0	/	21.50	/	-1.15	1.00	/	20.35	/	50.00	PASS	
16QAM	1	0	/	22.00	/	-1.15	1.00	/	20.85	/	50.00	PASS
		25	/	21.82	/	-1.15	1.00	/	20.67	/	50.00	PASS
		49	/	21.61	/	-1.15	1.00	/	20.46	/	50.00	PASS
	25	0	/	20.35	/	-1.15	1.00	/	19.20	/	50.00	PASS
		13	/	20.27	/	-1.15	1.00	/	19.12	/	50.00	PASS
		25	/	20.22	/	-1.15	1.00	/	19.07	/	50.00	PASS
50	0	/	20.23	/	-1.15	1.00	/	19.08	/	50.00	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)



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LTE Band 26b

Test Band: 26b _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.17	22.95	23.01	-1.15	1.00	21.02	21.80	21.86	38.45	PASS
		2	22.33	22.98	22.85	-1.15	1.00	21.18	21.83	21.70	38.45	PASS
		5	22.36	23.25	22.67	-1.15	1.00	21.21	22.10	21.52	38.45	PASS
	3	0	22.34	22.87	22.87	-1.15	1.00	21.19	21.72	21.72	38.45	PASS
		2	22.33	23.08	22.73	-1.15	1.00	21.18	21.93	21.58	38.45	PASS
		3	22.37	23.06	22.86	-1.15	1.00	21.22	21.91	21.71	38.45	PASS
16QAM	1	0	21.38	22.10	22.02	-1.15	1.00	20.23	20.95	20.87	38.45	PASS
		2	21.35	21.48	21.98	-1.15	1.00	20.20	20.33	20.83	38.45	PASS
		5	21.48	21.76	22.44	-1.15	1.00	20.33	20.61	21.29	38.45	PASS
	3	0	21.34	21.47	22.24	-1.15	1.00	20.19	20.32	21.09	38.45	PASS
		2	21.47	21.56	22.11	-1.15	1.00	20.32	20.41	20.96	38.45	PASS
		3	21.40	21.95	21.56	-1.15	1.00	20.25	20.80	20.41	38.45	PASS
6	0	20.07	20.91	20.97	-1.15	1.00	18.92	19.76	19.82	38.45	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26b _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.23	22.91	23.24	-1.15	1.00	21.08	21.76	22.09	38.45	PASS
		7	22.47	23.27	22.95	-1.15	1.00	21.32	22.12	21.80	38.45	PASS
		14	22.37	23.14	22.78	-1.15	1.00	21.22	21.99	21.63	38.45	PASS
	8	0	21.40	22.09	22.02	-1.15	1.00	20.25	20.94	20.87	38.45	PASS
		4	21.35	22.02	21.92	-1.15	1.00	20.20	20.87	20.77	38.45	PASS
		7	21.35	22.05	21.86	-1.15	1.00	20.20	20.90	20.71	38.45	PASS
16QAM	1	0	21.41	21.96	22.10	-1.15	1.00	20.26	20.81	20.95	38.45	PASS
		7	21.32	22.02	22.08	-1.15	1.00	20.17	20.87	20.93	38.45	PASS
		14	21.31	22.14	22.13	-1.15	1.00	20.16	20.99	20.98	38.45	PASS
	8	0	20.43	20.82	21.60	-1.15	1.00	19.28	19.67	20.45	38.45	PASS
		4	20.42	20.89	21.42	-1.15	1.00	19.27	19.74	20.27	38.45	PASS
		7	20.40	20.70	21.11	-1.15	1.00	19.25	19.55	19.96	38.45	PASS
15	0	20.44	20.61	21.07	-1.15	1.00	19.29	19.46	19.92	38.45	PASS	

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26b _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		



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QPSK	1	0	22.19	22.72	22.90	-1.15	1.00	21.04	21.57	21.75	38.45	PASS
		13	22.49	22.96	22.92	-1.15	1.00	21.34	21.81	21.77	38.45	PASS
		24	22.46	22.92	22.60	-1.15	1.00	21.31	21.77	21.45	38.45	PASS
	12	0	21.36	21.92	22.12	-1.15	1.00	20.21	20.77	20.97	38.45	PASS
		6	21.40	22.04	22.00	-1.15	1.00	20.25	20.89	20.85	38.45	PASS
		13	21.51	22.13	21.89	-1.15	1.00	20.36	20.98	20.74	38.45	PASS
16QAM	1	0	21.49	21.97	21.98	-1.15	1.00	20.34	20.82	20.83	38.45	PASS
		13	21.27	22.08	21.27	-1.15	1.00	20.12	20.93	20.12	38.45	PASS
		24	21.28	21.97	21.12	-1.15	1.00	20.13	20.82	19.97	38.45	PASS
	12	0	20.32	20.72	21.01	-1.15	1.00	19.17	19.57	19.86	38.45	PASS
		6	20.37	20.86	21.00	-1.15	1.00	19.22	19.71	19.85	38.45	PASS
		13	20.46	20.84	20.72	-1.15	1.00	19.31	19.69	19.57	38.45	PASS
25	0	20.30	20.76	20.96	-1.15	1.00	19.15	19.61	19.81	38.45	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)
- 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 26b _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.38	22.93	23.06	-1.15	1.00	21.23	21.78	21.92	38.45	PASS
		25	22.83	23.24	23.42	-1.15	1.00	21.68	22.09	22.27	38.45	PASS
		49	22.96	22.97	22.84	-1.15	1.00	21.81	21.82	21.69	38.45	PASS
	25	0	21.68	22.00	22.16	-1.15	1.00	20.53	20.85	21.01	38.45	PASS
		13	21.75	22.12	22.16	-1.15	1.00	20.60	20.97	21.01	38.45	PASS
		25	21.78	22.10	22.00	-1.15	1.00	20.63	20.95	20.85	38.45	PASS
16QAM	1	0	21.73	21.96	22.09	-1.15	1.00	20.58	20.81	20.94	38.45	PASS
		13	21.30	22.31	22.39	-1.15	1.00	20.15	21.16	21.24	38.45	PASS
		25	21.87	22.48	22.85	-1.15	1.00	20.72	21.33	21.70	38.45	PASS
	25	0	20.55	20.92	21.15	-1.15	1.00	19.40	19.77	20.00	38.45	PASS
		13	20.62	21.24	20.89	-1.15	1.00	19.47	20.09	19.74	38.45	PASS
		25	20.74	21.20	20.81	-1.15	1.00	19.59	20.05	19.66	38.45	PASS
50	0	20.61	21.04	21.03	-1.15	1.00	19.46	19.89	19.88	38.45	PASS	

Note:

- 1) dBd = dBi - 2.15
- 2) EIRP = Conducted output power + Antenna gain (dBi)
- 3) ERP = Conducted output power + Antenna gain (dBd)



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LTE Band 26c

Test Band: 26c _ 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	22.51	22.12	22.77	-1.15	1.00	21.36	20.97	21.62	38.45	PASS
		38	22.31	22.78	23.11	-1.15	1.00	21.16	21.63	21.96	38.45	PASS
		74	22.19	22.82	22.80	-1.15	1.00	21.04	21.67	21.65	38.45	PASS
	36	0	21.54	21.59	22.03	-1.15	1.00	20.39	20.44	20.88	38.45	PASS
		18	21.45	21.73	22.07	-1.15	1.00	20.30	20.58	20.92	38.45	PASS
		39	21.27	21.90	22.04	-1.15	1.00	20.12	20.75	20.89	38.45	PASS
16QAM	1	0	21.40	21.82	21.99	-1.15	1.00	20.25	20.67	20.84	38.45	PASS
			21.68	21.95	21.81	-1.15	1.00	20.53	20.80	20.66	38.45	PASS
		38	21.41	22.49	22.35	-1.15	1.00	20.26	21.34	21.20	38.45	PASS
	36	74	21.16	22.56	21.81	-1.15	1.00	20.01	21.41	20.66	38.45	PASS
		0	20.20	20.54	20.92	-1.15	1.00	19.05	19.39	19.77	38.45	PASS
		18	20.23	20.69	21.07	-1.15	1.00	19.08	19.54	19.92	38.45	PASS
	75	39	20.17	20.64	20.85	-1.15	1.00	19.02	19.49	19.70	38.45	PASS
		0	20.32	20.69	20.86	-1.15	1.00	19.17	19.54	19.71	38.45	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)  
 3) ERP = Conducted output power + Antenna gain (dBd)

LTE Band 66

Test Band: 66 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.66	21.66	21.71	/	1.00	22.66	22.66	22.71	30.00	PASS
		2	21.84	21.80	21.98	/	1.00	22.84	22.80	22.98	30.00	PASS
		5	21.76	21.51	21.56	/	1.00	22.76	22.51	22.56	30.00	PASS
	3	0	21.70	21.75	21.65	/	1.00	22.70	22.75	22.65	30.00	PASS
		2	21.80	21.89	21.66	/	1.00	22.80	22.89	22.66	30.00	PASS
		3	21.79	21.74	21.60	/	1.00	22.79	22.74	22.60	30.00	PASS
16QAM	6	0	20.82	20.80	20.71	/	1.00	21.82	21.80	21.71	30.00	PASS
			20.89	21.41	20.61	/	1.00	21.89	22.41	21.61	30.00	PASS
		2	20.96	21.67	20.81	/	1.00	21.96	22.67	21.81	30.00	PASS
	1	5	20.86	21.40	20.83	/	1.00	21.86	22.40	21.83	30.00	PASS
		0	20.92	21.12	21.18	/	1.00	21.92	22.12	22.18	30.00	PASS
		3	20.80	21.12	21.26	/	1.00	21.80	22.12	22.26	30.00	PASS
	3	2	20.90	20.84	20.87	/	1.00	21.90	21.84	21.87	30.00	PASS
		0	19.86	19.73	19.37	/	1.00	20.86	20.73	20.37	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 66 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.67	21.75	21.62	/	1.00	22.67	22.75	22.62	30.00	PASS
		7	21.64	21.89	21.60	/	1.00	22.64	22.89	22.60	30.00	PASS
		14	21.71	21.83	21.73	/	1.00	22.71	22.83	22.73	30.00	PASS
	8	0	20.76	20.88	20.61	/	1.00	21.76	21.88	21.61	30.00	PASS
		4	20.86	20.91	20.61	/	1.00	21.86	21.91	21.61	30.00	PASS
		7	20.81	20.89	20.65	/	1.00	21.81	21.89	21.65	30.00	PASS
16QAM	1	0	20.82	20.89	20.69	/	1.00	21.82	21.89	21.69	30.00	PASS
		7	20.72	21.33	20.77	/	1.00	21.72	22.33	21.77	30.00	PASS
		14	20.53	21.60	20.89	/	1.00	21.53	22.60	21.89	30.00	PASS
	8	0	19.59	20.10	19.82	/	1.00	20.59	21.10	20.82	30.00	PASS
		4	19.70	20.16	19.91	/	1.00	20.70	21.16	20.91	30.00	PASS
		7	19.63	20.04	19.95	/	1.00	20.63	21.04	20.95	30.00	PASS
	15	0	19.76	19.81	19.80	/	1.00	20.76	20.81	20.80	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 66 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.63	21.69	21.34	/	1.00	22.63	22.69	22.34	30.00	PASS
		13	21.68	21.56	21.55	/	1.00	22.68	22.56	22.55	30.00	PASS
		24	21.85	21.74	21.72	/	1.00	22.85	22.74	22.72	30.00	PASS
	12	0	20.67	20.73	20.59	/	1.00	21.67	21.73	21.59	30.00	PASS
		6	20.73	20.83	20.58	/	1.00	21.73	21.83	21.58	30.00	PASS
		13	20.75	20.76	20.65	/	1.00	21.75	21.76	21.65	30.00	PASS
16QAM	1	0	20.75	20.85	20.56	/	1.00	21.75	21.85	21.56	30.00	PASS
		6	20.69	20.53	19.73	/	1.00	21.69	21.53	20.73	30.00	PASS
		13	20.62	21.06	19.77	/	1.00	21.62	22.06	20.77	30.00	PASS
	12	0	19.69	19.59	19.37	/	1.00	20.69	20.59	20.37	30.00	PASS
		6	19.66	19.47	19.46	/	1.00	20.66	20.47	20.46	30.00	PASS
		13	19.66	19.39	19.51	/	1.00	20.66	20.39	20.51	30.00	PASS
	25	0	19.68	19.64	19.55	/	1.00	20.68	20.64	20.55	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 66_ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.68	21.70	21.10	/	1.00	22.68	22.70	22.10	30.00	PASS
		25	22.01	22.03	21.26	/	1.00	23.01	23.03	22.26	30.00	PASS
		49	21.70	21.96	21.58	/	1.00	22.70	22.96	22.58	30.00	PASS
	25	0	20.80	20.69	20.42	/	1.00	21.80	21.69	21.42	30.00	PASS
		13	20.85	20.90	20.44	/	1.00	21.85	21.90	21.44	30.00	PASS
		25	20.79	20.90	20.49	/	1.00	21.79	21.90	21.49	30.00	PASS
16QAM	1	0	20.74	20.84	20.52	/	1.00	21.74	21.84	21.52	30.00	PASS
			20.78	21.39	20.48	/	1.00	21.78	22.39	21.48	30.00	PASS
		25	20.81	21.56	20.77	/	1.00	21.81	22.56	21.77	30.00	PASS
	25	49	20.47	21.58	20.73	/	1.00	21.47	22.58	21.73	30.00	PASS
		0	20.02	19.74	19.40	/	1.00	21.02	20.74	20.40	30.00	PASS
		13	19.96	19.94	19.44	/	1.00	20.96	20.94	20.44	30.00	PASS
	50	25	19.90	19.93	19.52	/	1.00	20.90	20.93	20.52	30.00	PASS
		0	19.78	19.87	19.36	/	1.00	20.78	20.87	20.36	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)

Test Band: 66_ 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.60	21.54	21.28	/	1.00	22.60	22.54	22.28	30.00	PASS
		38	21.47	21.78	21.27	/	1.00	22.47	22.78	22.27	30.00	PASS
		74	21.04	21.91	21.55	/	1.00	22.04	22.91	22.55	30.00	PASS
	36	0	20.81	20.71	20.31	/	1.00	21.81	21.71	21.31	30.00	PASS
		18	20.83	20.89	20.40	/	1.00	21.83	21.89	21.40	30.00	PASS
		39	20.53	20.94	20.41	/	1.00	21.53	21.94	21.41	30.00	PASS
16QAM	75	0	20.66	20.77	20.37	/	1.00	21.66	21.77	21.37	30.00	PASS
			20.78	20.86	20.68	/	1.00	21.78	21.86	21.68	30.00	PASS
		38	20.86	21.42	20.38	/	1.00	21.86	22.42	21.38	30.00	PASS
	1	74	20.12	21.57	20.64	/	1.00	21.12	22.57	21.64	30.00	PASS
		0	19.75	19.64	19.30	/	1.00	20.75	20.64	20.30	30.00	PASS
		18	19.73	19.94	19.30	/	1.00	20.73	20.94	20.30	30.00	PASS
	36	39	19.48	19.99	19.42	/	1.00	20.48	20.99	20.42	30.00	PASS
		0	19.71	19.83	19.44	/	1.00	20.71	20.83	20.44	30.00	PASS

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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Test Band: 66 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.55	21.65	21.46	/	1.00	22.55	22.65	22.46	30.00	PASS
		50	21.70	22.32	21.22	/	1.00	22.70	23.32	22.22	30.00	PASS
		99	21.25	22.21	21.57	/	1.00	22.25	23.21	22.57	30.00	PASS
	50	0	20.82	20.69	20.44	/	1.00	21.82	21.69	21.44	30.00	PASS
		25	20.68	20.90	20.30	/	1.00	21.68	21.90	21.30	30.00	PASS
		50	20.36	20.95	20.31	/	1.00	21.36	21.95	21.31	30.00	PASS
	100	0	20.64	20.75	20.40	/	1.00	21.64	21.75	21.40	30.00	PASS
			21.42	20.66	20.96	/	1.00	22.42	21.66	21.96	30.00	PASS
			21.53	20.86	20.87	/	1.00	22.53	21.86	21.87	30.00	PASS
16QAM	1	99	21.06	20.93	20.92	/	1.00	22.06	21.93	21.92	30.00	PASS
		0	19.63	19.61	19.46	/	1.00	20.63	20.61	20.46	30.00	PASS
		50	19.47	19.84	19.43	/	1.00	20.47	20.84	20.43	30.00	PASS
	50	50	19.19	19.87	19.37	/	1.00	20.19	20.87	20.37	30.00	PASS
		0	19.58	19.69	19.34	/	1.00	20.58	20.69	20.34	30.00	PASS
		100	0	19.58	19.69	19.34	/	1.00	20.58	20.69	20.34	30.00

Note:  
 1) dBd = dBi - 2.15  
 2) EIRP = Conducted output power + Antenna gain (dBi)



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