Appendix F: Test Data for E-UTRA Band 7

Product Name: Locator
Trade Mark: AROCO
Test Model: Aroco Locator AL312

Environmental Conditions

Temperature:	23.5
Relative Humidity:	53.1
ATM Pressure:	100.0 kPa
Test Engineer:	Tom Liu
Supervised by:	Jayden Zhuo

F.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.87	21.90	PASS
		1	12	22.70	21.80	PASS
		1	24	22.49	21.63	PASS
		12	0	22.54	21.56	PASS
		12	6	22.75	21.84	PASS
		12	13	22.57	21.44	PASS
		25	0	23.00	21.63	PASS
	MCH	1	0	22.72	21.52	PASS
		1	12	22.97	21.69	PASS
		1	24	22.55	21.68	PASS
		12	0	22.45	21.58	PASS
		12	6	22.21	21.53	PASS
		12	13	22.71	21.62	PASS
		25	0	22.77	21.58	PASS
	HCH	1	0	22.55	21.55	PASS
		1	12	22.36	21.37	PASS
		1	24	22.20	21.32	PASS
		12	0	22.20	21.38	PASS
		12	6	22.48	21.42	PASS
		12	13	22.29	21.36	PASS
		25	0	22.75	21.44	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.21	22.15	PASS
		1	24	22.64	21.64	PASS
		1	49	23.19	22.23	PASS
		25	0	22.90	21.64	PASS
		25	12	23.12	21.88	PASS
		25	25	22.57	21.67	PASS
		50	0	23.02	21.93	PASS
	MCH	1	0	22.99	21.67	PASS
		1	24	22.98	22.03	PASS
		1	49	23.20	22.14	PASS
		25	0	22.85	21.79	PASS
		25	12	23.00	22.05	PASS
		25	25	22.73	21.74	PASS
		50	0	23.14	22.29	PASS
	HCH	1	0	23.09	22.28	PASS
		1	24	22.96	21.85	PASS
		1	49	23.02	21.94	PASS
		25	0	22.84	21.76	PASS
		25	12	22.96	21.81	PASS
		25	25	23.15	22.41	PASS
		50	0	22.60	21.65	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.17	21.23	PASS
		1	37	22.68	21.37	PASS
		1	74	22.67	21.55	PASS
		37	0	22.25	21.32	PASS
		37	18	22.46	21.38	PASS
		37	38	22.60	21.53	PASS
		75	0	22.72	21.64	PASS
	MCH	1	0	22.80	21.73	PASS
		1	37	22.49	21.47	PASS
		1	74	22.01	21.15	PASS
		37	0	22.59	21.40	PASS
		37	18	22.32	21.40	PASS
		37	38	22.17	21.32	PASS
		75	0	22.31	21.36	PASS
	HCH	1	0	22.65	21.47	PASS
		1	37	22.41	21.40	PASS
		1	74	22.09	21.28	PASS
		37	0	22.10	21.24	PASS
		37	18	22.80	21.56	PASS
		37	38	22.26	21.31	PASS
		75	0	22.02	21.11	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.71	21.54	PASS
		1	49	22.79	21.54	PASS
		1	99	22.59	21.38	PASS
		50	0	22.96	21.55	PASS
		50	25	22.78	21.61	PASS
		50	50	22.16	21.31	PASS
		100	0	22.30	21.39	PASS
	MCH	1	0	22.64	21.45	PASS
		1	49	22.70	21.54	PASS
		1	99	22.84	21.71	PASS
		50	0	22.35	21.37	PASS
		50	25	22.24	21.33	PASS
		50	50	22.88	21.43	PASS
		100	0	22.74	21.81	PASS
	HCH	1	0	22.88	21.88	PASS
		1	49	22.72	21.52	PASS
		1	99	22.73	21.46	PASS
		50	0	22.67	21.47	PASS
		50	25	22.66	20.60	PASS
		50	50	22.20	21.38	PASS
		100	0	22.36	21.43	PASS

F.2 Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.99	<13	PASS
		1	12	4.97	<13	PASS
		1	24	4.91	<13	PASS
		12	0	5.61	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.7	<13	PASS
	MCH	1	0	5.49	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.44	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.74	<13	PASS
		12	13	5.77	<13	PASS
		25	0	5.78	<13	PASS
	HCH	1	0	5.21	<13	PASS
		1	12	5.27	<13	PASS
		1	24	5.38	<13	PASS
		12	0	5.76	<13	PASS
		12	6	5.76	<13	PASS
		12	13	5.75	<13	PASS
		25	0	5.77	<13	PASS
16QAM	LCH	1	0	5.95	<13	PASS
		1	12	5.71	<13	PASS
		1	24	5.92	<13	PASS
		12	0	6.45	<13	PASS
		12	6	6.4	<13	PASS
		12	13	6.42	<13	PASS
		25	0	6.5	<13	PASS
	MCH	1	0	6.08	<13	PASS
		1	12	6.12	<13	PASS
		1	24	6.13	<13	PASS
		12	0	6.76	<13	PASS
		12	6	6.74	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.56	<13	PASS
	HCH	1	0	6.33	<13	PASS
		1	12	6.36	<13	PASS

		1	24	6.51	<13	PASS
		12	0	6.52	<13	PASS
		12	6	6.55	<13	PASS
		12	13	6.46	<13	PASS
		25	0	6.6	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.13	<13	PASS
		1	24	5.02	<13	PASS
		1	49	4.99	<13	PASS
		25	0	5.65	<13	PASS
		25	12	5.56	<13	PASS
		25	25	5.54	<13	PASS
		50	0	5.65	<13	PASS
	MCH	1	0	5.34	<13	PASS
		1	24	5.26	<13	PASS
		1	49	5.48	<13	PASS
		25	0	5.79	<13	PASS
		25	12	5.8	<13	PASS
		25	25	5.78	<13	PASS
		50	0	5.8	<13	PASS
	HCH	1	0	4.75	<13	PASS
		1	24	4.92	<13	PASS
		1	49	5	<13	PASS
		25	0	5.58	<13	PASS
		25	12	5.68	<13	PASS
		25	25	5.84	<13	PASS
		50	0	5.73	<13	PASS
16QAM	LCH	1	0	5.97	<13	PASS
		1	24	5.93	<13	PASS
		1	49	5.89	<13	PASS
		25	0	6.45	<13	PASS
		25	12	6.33	<13	PASS
		25	25	6.36	<13	PASS
		50	0	6.34	<13	PASS
	MCH	1	0	6.34	<13	PASS
		1	24	6.25	<13	PASS
		1	49	6.46	<13	PASS
		25	0	6.62	<13	PASS
		25	12	6.58	<13	PASS
		25	25	6.57	<13	PASS
		50	0	6.51	<13	PASS
	HCH	1	0	5.69	<13	PASS
		1	24	5.88	<13	PASS
		1	49	6.04	<13	PASS
		25	0	6.37	<13	PASS

		25	12	6.53	<13	PASS
		25	25	6.61	<13	PASS
		50	0	6.44	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.79	<13	PASS
		1	37	4.94	<13	PASS
		1	74	10.32	<13	PASS
		37	0	4.75	<13	PASS
		37	18	5.58	<13	PASS
		37	38	4.84	<13	PASS
		75	0	5.01	<13	PASS
	MCH	1	0	8.65	<13	PASS
		1	37	5.4	<13	PASS
		1	74	5.43	<13	PASS
		37	0	4.81	<13	PASS
		37	18	5.81	<13	PASS
		37	38	4.98	<13	PASS
		75	0	5.06	<13	PASS
	HCH	1	0	8.76	<13	PASS
		1	37	5.02	<13	PASS
		1	74	10.3	<13	PASS
		37	0	4.66	<13	PASS
		37	18	5.61	<13	PASS
		37	38	5	<13	PASS
		75	0	4.98	<13	PASS
16QAM	LCH	1	0	8.49	<13	PASS
		1	37	5.89	<13	PASS
		1	74	10.66	<13	PASS
		37	0	6.01	<13	PASS
		37	18	6.35	<13	PASS
		37	38	6.11	<13	PASS
		75	0	6.26	<13	PASS
	MCH	1	0	9.12	<13	PASS
		1	37	6.38	<13	PASS
		1	74	10.78	<13	PASS
		37	0	6.11	<13	PASS
		37	18	6.54	<13	PASS
		37	38	6.23	<13	PASS
		75	0	6.34	<13	PASS
	HCH	1	0	9.13	<13	PASS
		1	37	5.86	<13	PASS
		1	74	10.77	<13	PASS
		37	0	5.95	<13	PASS

		37	18	6.37	<13	PASS
		37	38	6.22	<13	PASS
		75	0	6.23	<13	PASS

Channel Bandwidth: 20 MHz

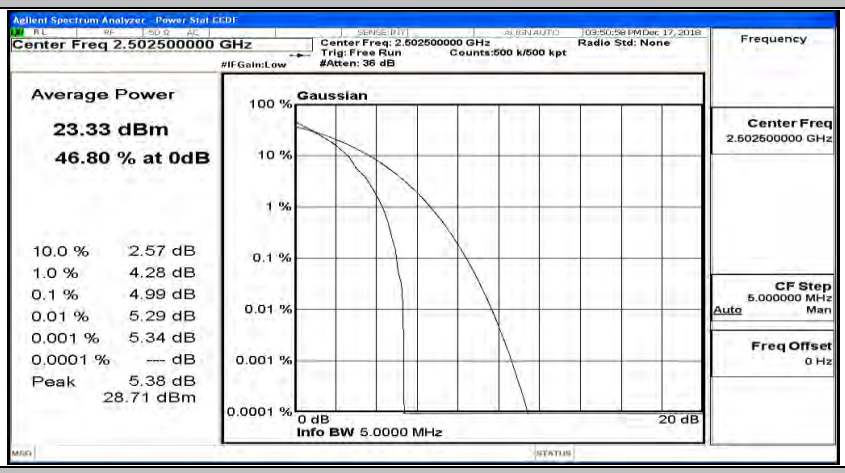
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.52	<13	PASS
		1	49	4.88	<13	PASS
		1	99	7.37	<13	PASS
		50	0	5.54	<13	PASS
		50	25	5.57	<13	PASS
		50	50	5.87	<13	PASS
		100	0	5.68	<13	PASS
	MCH	1	0	7.81	<13	PASS
		1	49	5.43	<13	PASS
		1	99	7.4	<13	PASS
		50	0	5.51	<13	PASS
		50	25	5.81	<13	PASS
		50	50	5.96	<13	PASS
		100	0	5.72	<13	PASS
	HCH	1	0	7.12	<13	PASS
		1	49	4.82	<13	PASS
		1	99	9.51	<13	PASS
		50	0	5.49	<13	PASS
		50	25	5.6	<13	PASS
		50	50	5.97	<13	PASS
		100	0	5.7	<13	PASS
16QAM	LCH	1	0	9.29	<13	PASS
		1	49	5.89	<13	PASS
		1	99	7.03	<13	PASS
		50	0	6.53	<13	PASS
		50	25	6.29	<13	PASS
		50	50	6.65	<13	PASS
		100	0	6.76	<13	PASS
	MCH	1	0	7.51	<13	PASS
		1	49	6.11	<13	PASS
		1	99	7.2	<13	PASS
		50	0	6.61	<13	PASS
		50	25	6.5	<13	PASS
		50	50	6.73	<13	PASS
		100	0	6.8	<13	PASS
	HCH	1	0	7	<13	PASS
		1	49	5.55	<13	PASS
		1	99	8.88	<13	PASS
		50	0	6.5	<13	PASS

		50	25	6.32	<13	PASS
		50	50	6.69	<13	PASS
		100	0	6.67	<13	PASS

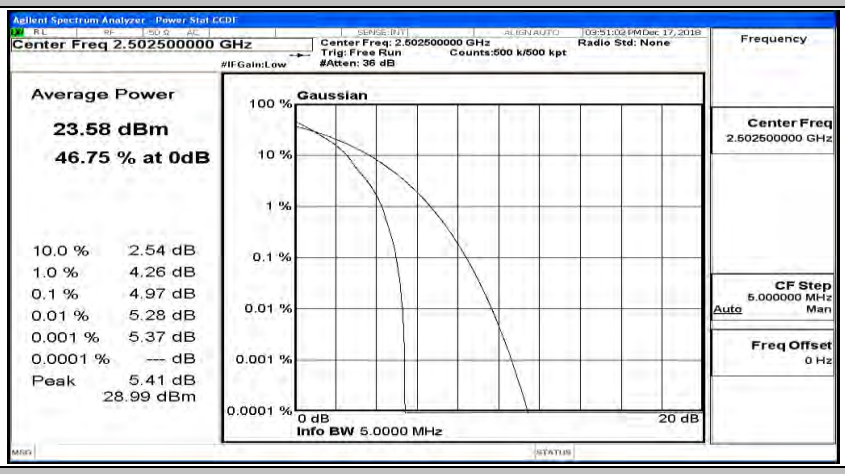
Test Graphs

Channel Bandwidth: 5 MHz

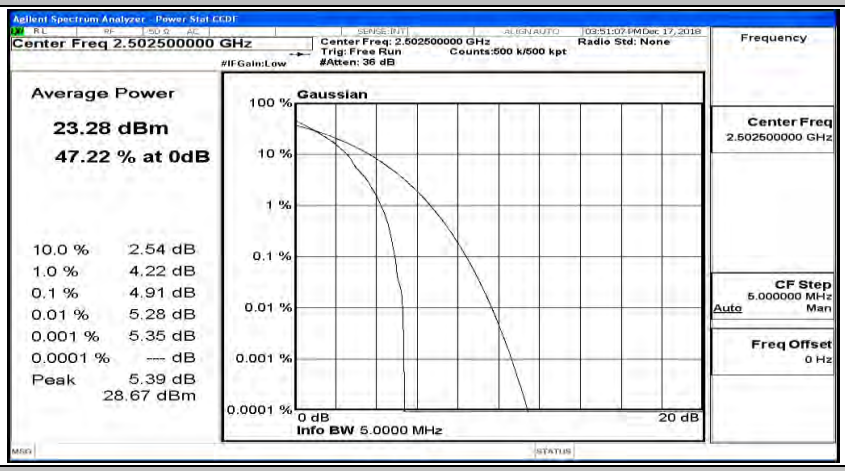
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



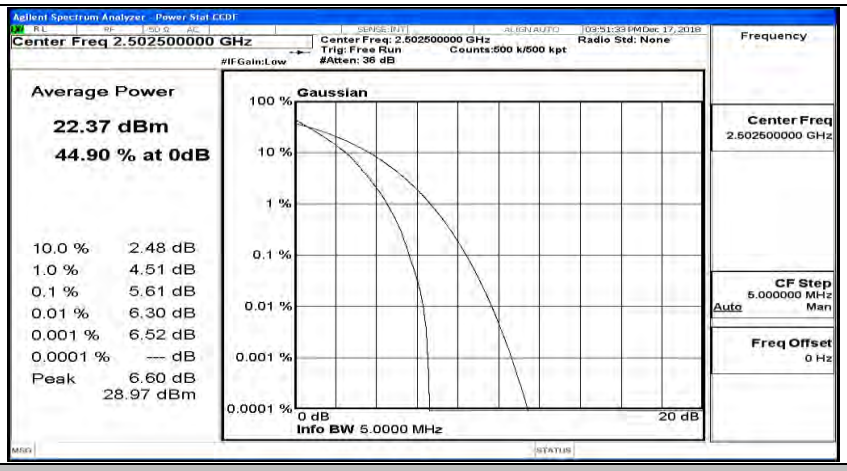
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



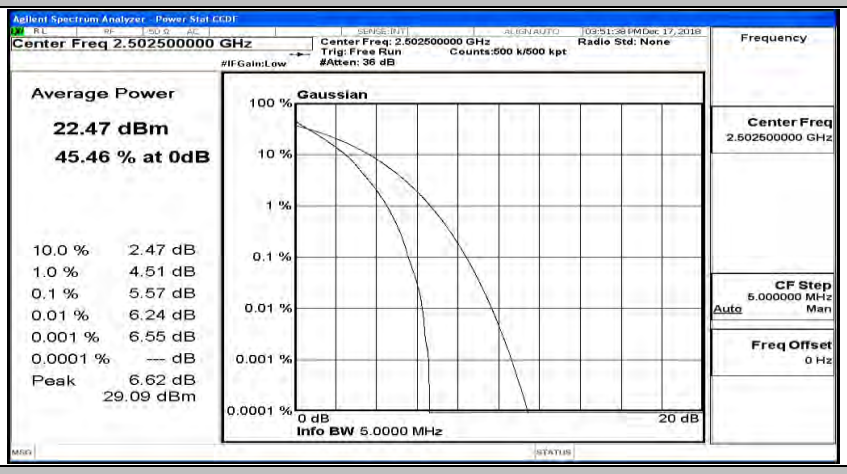
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



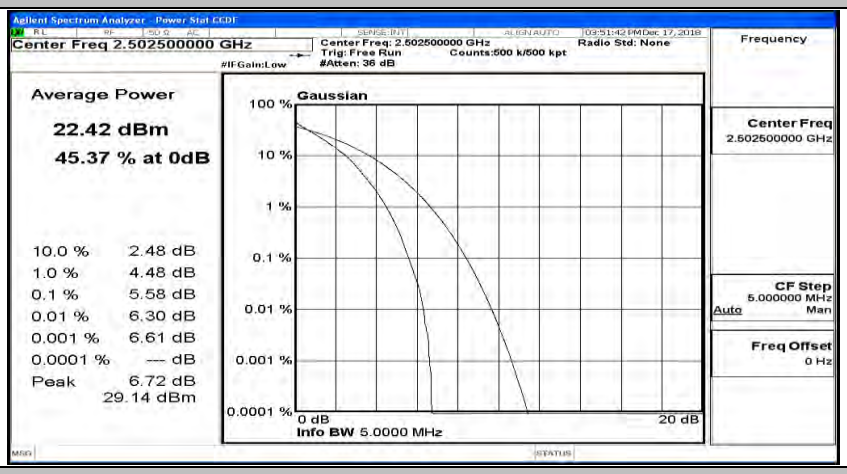
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



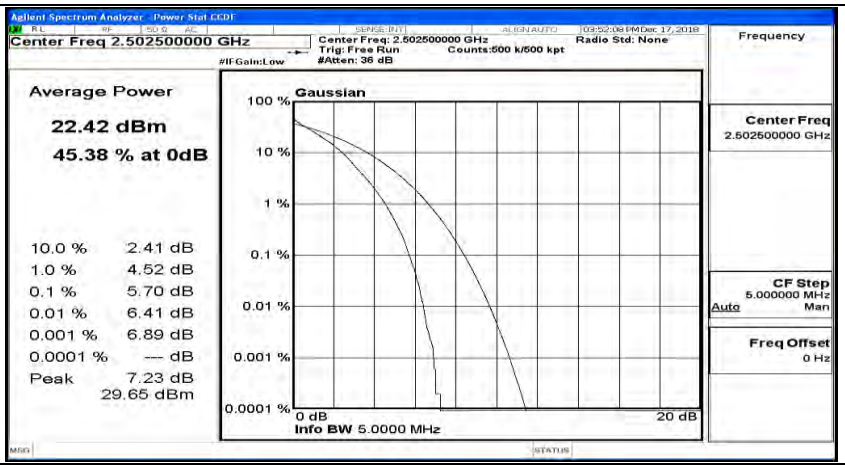
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



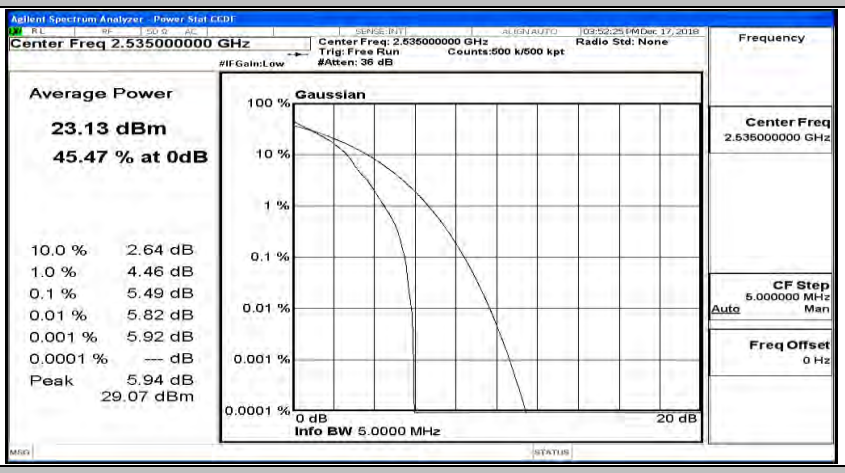
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



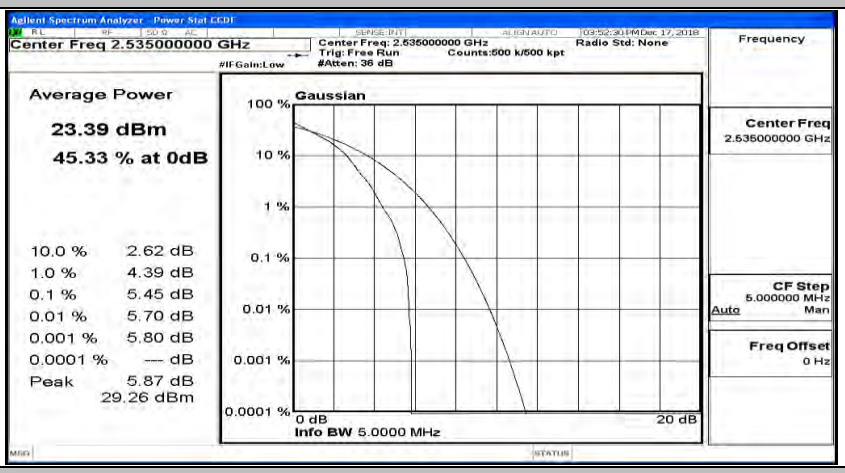
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



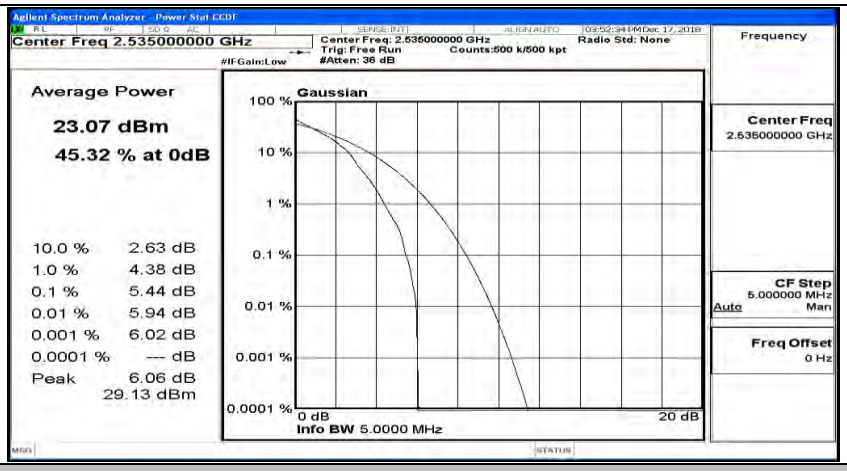
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



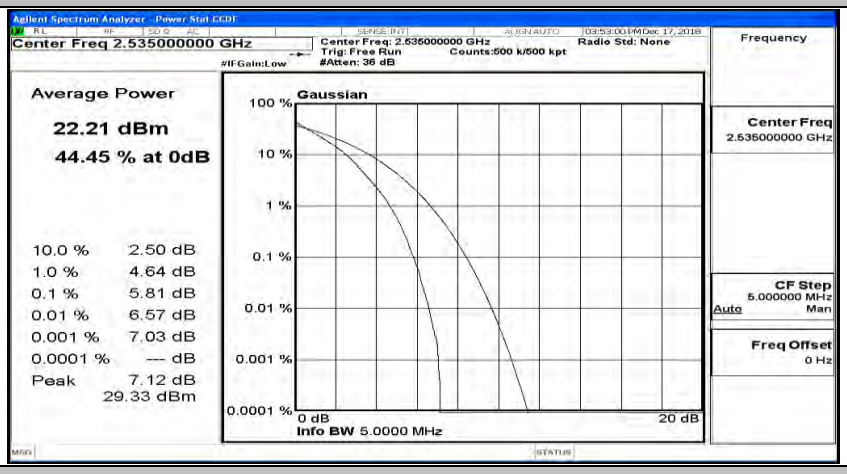
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



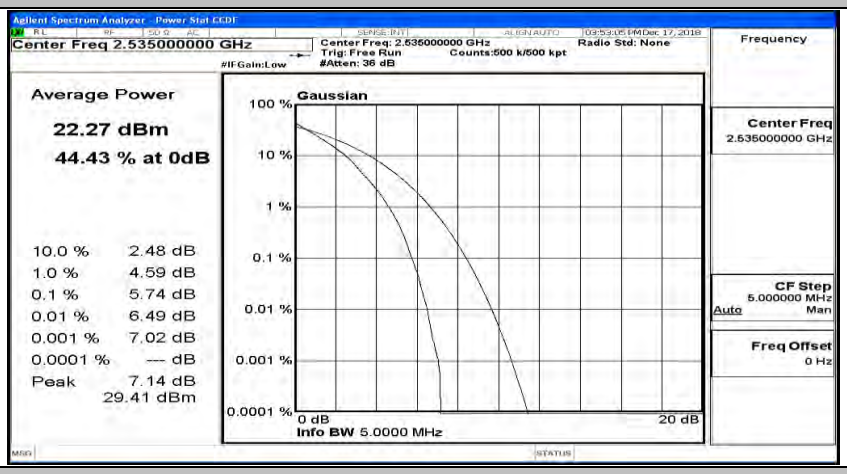
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



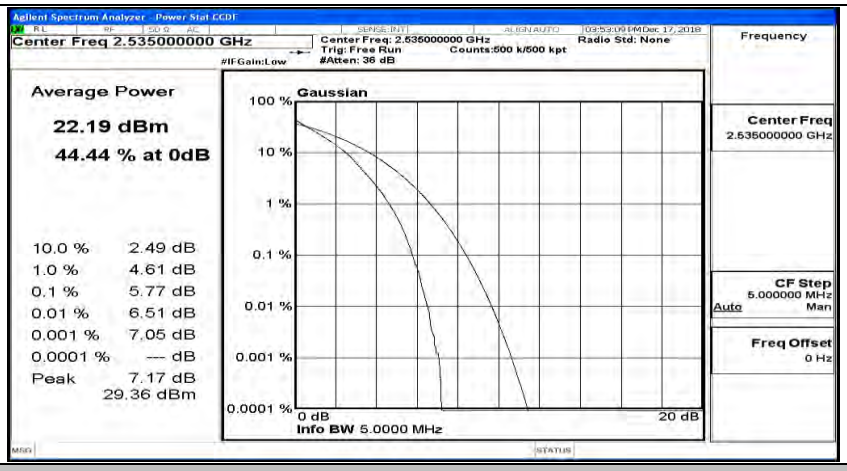
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



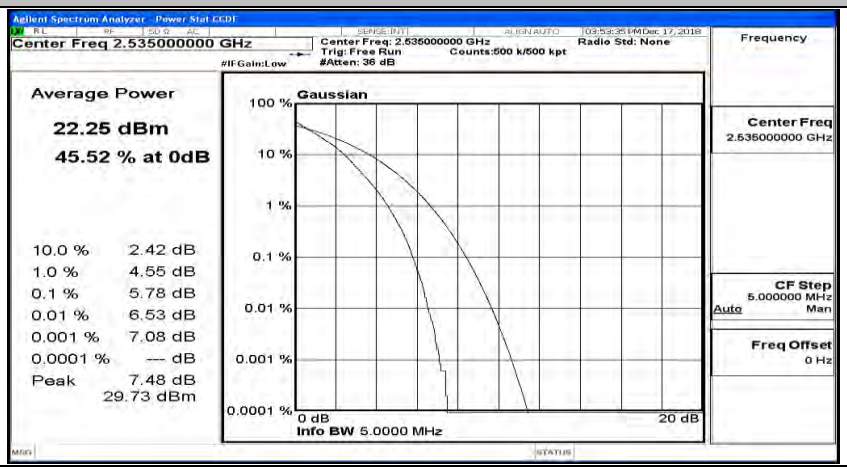
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



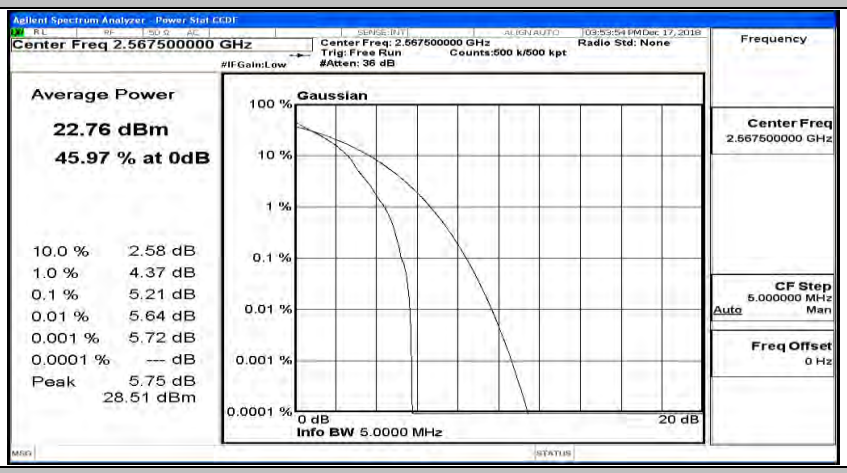
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



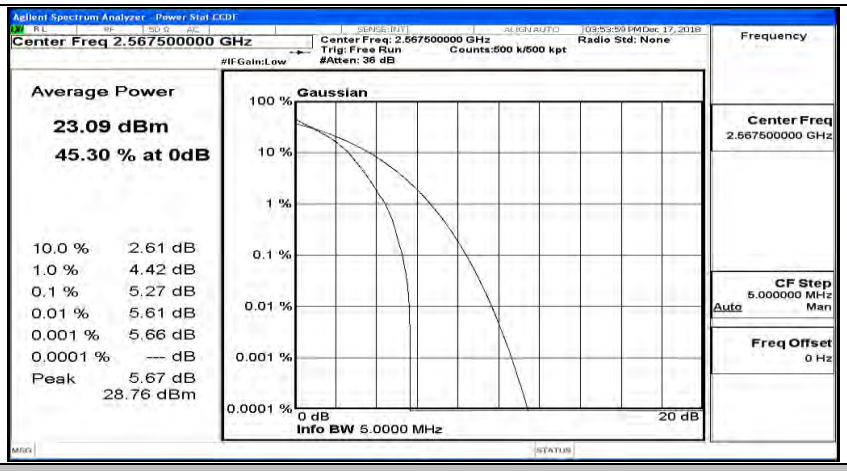
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



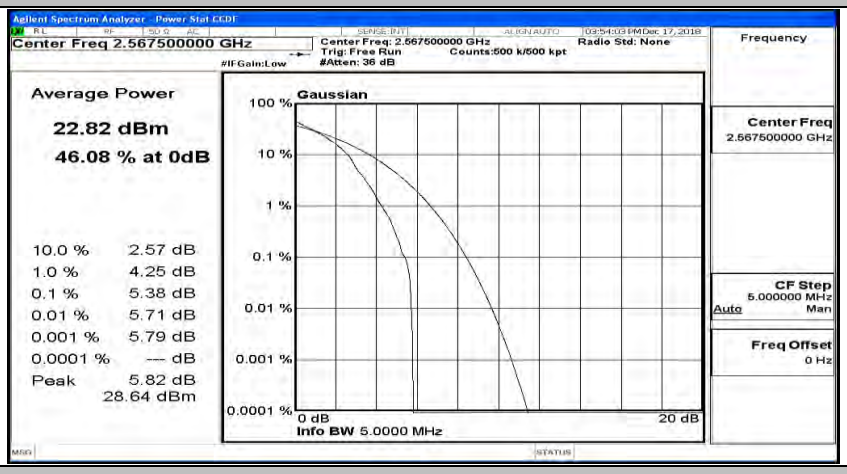
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



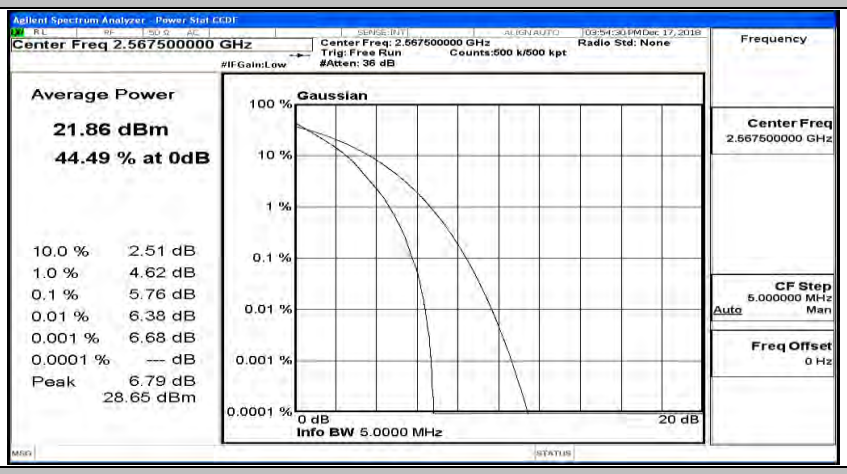
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



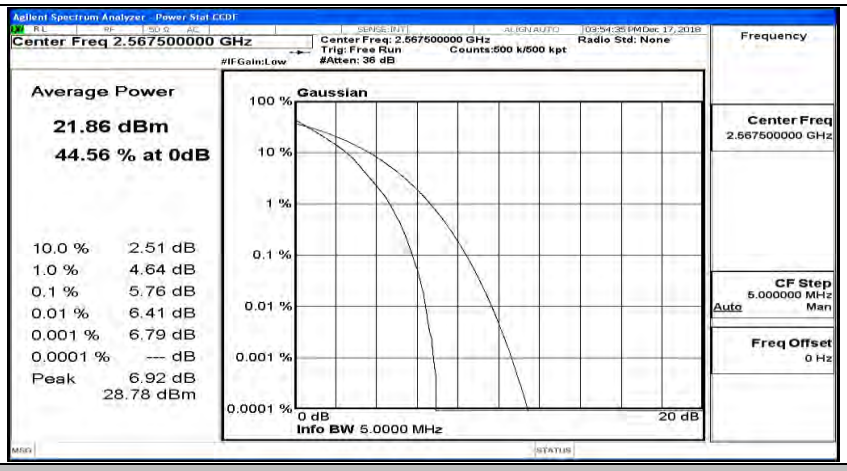
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



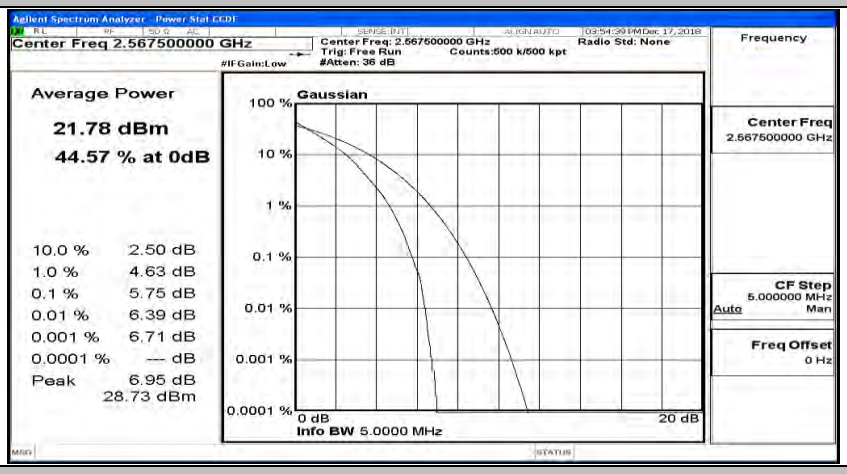
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



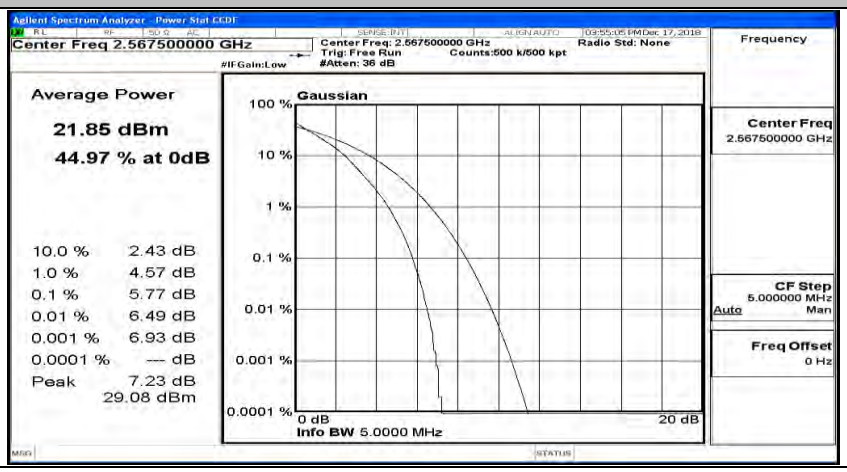
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



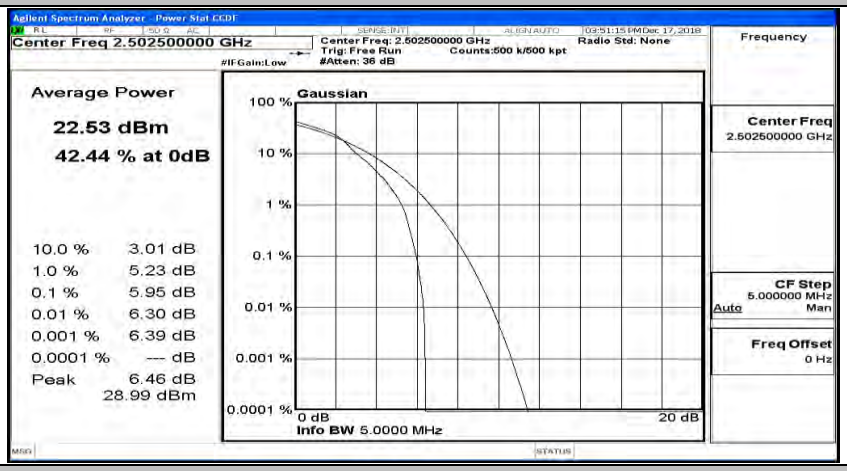
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



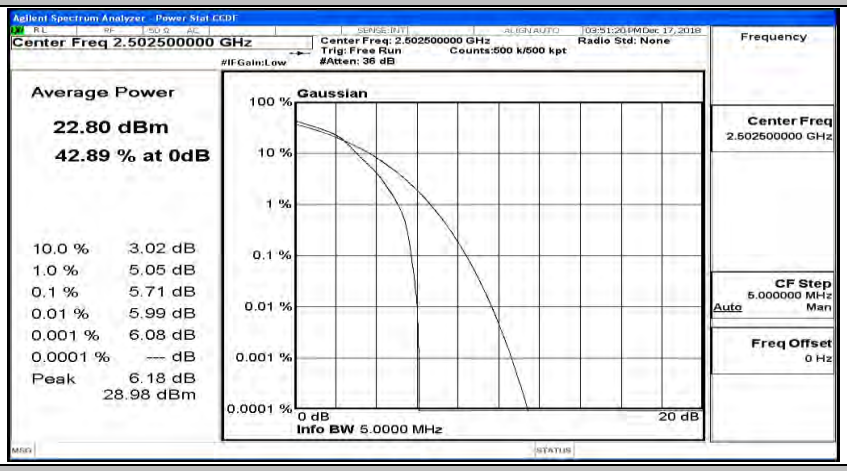
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



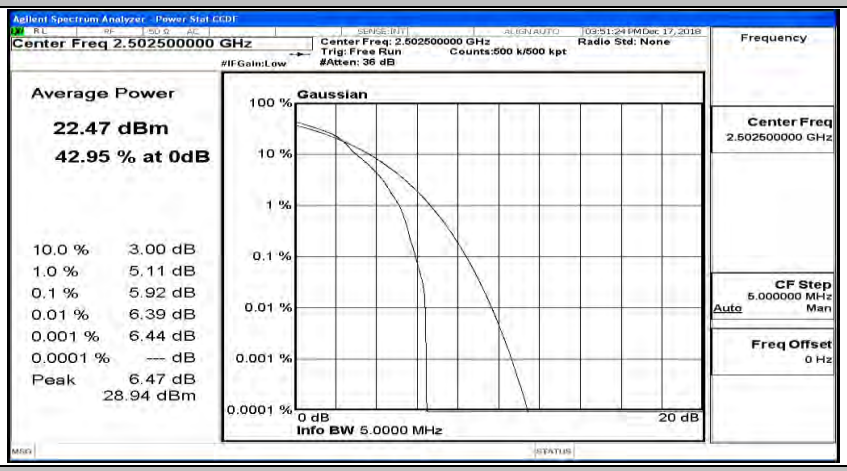
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



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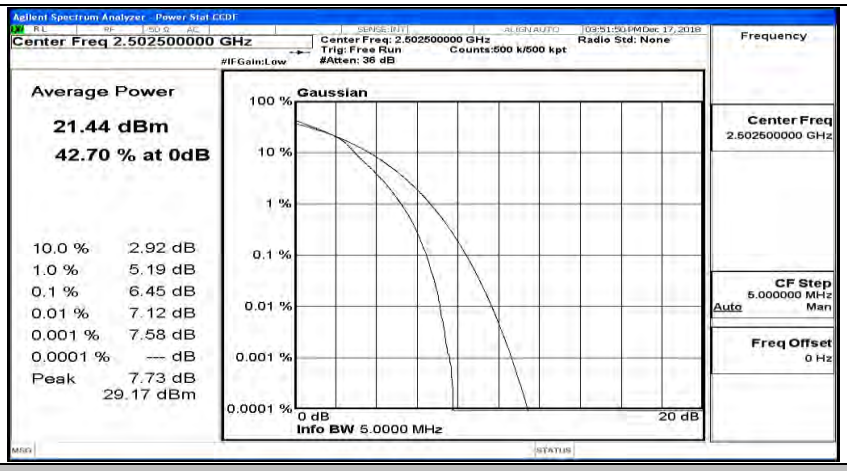

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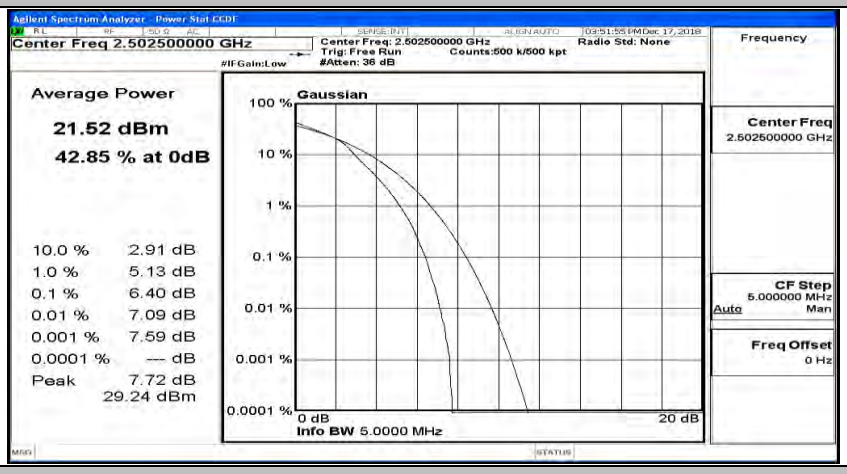
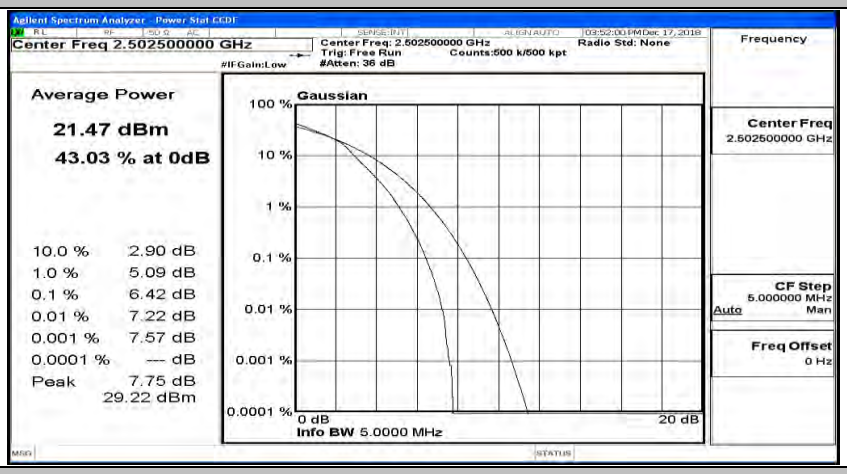
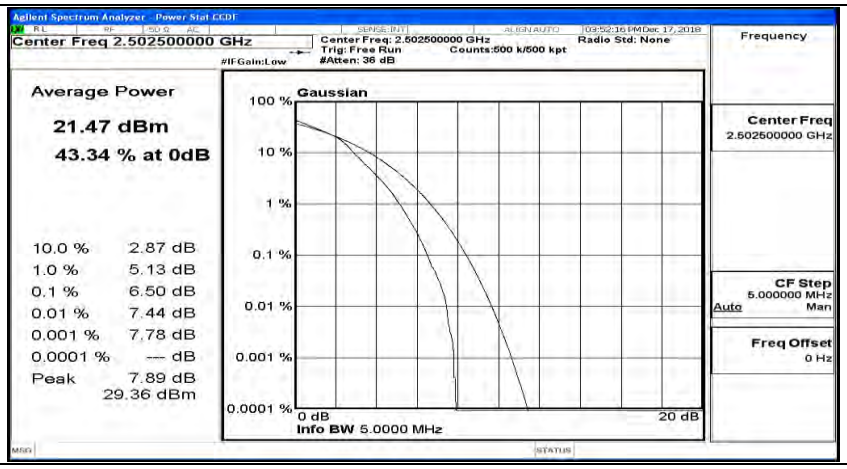


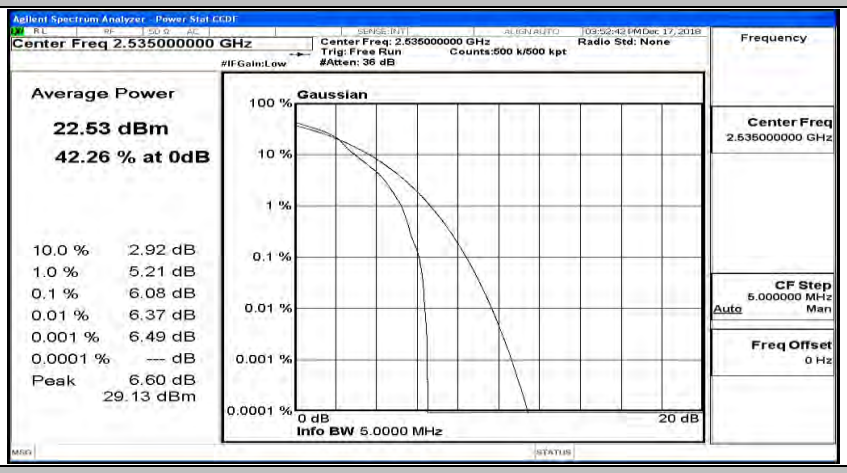
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



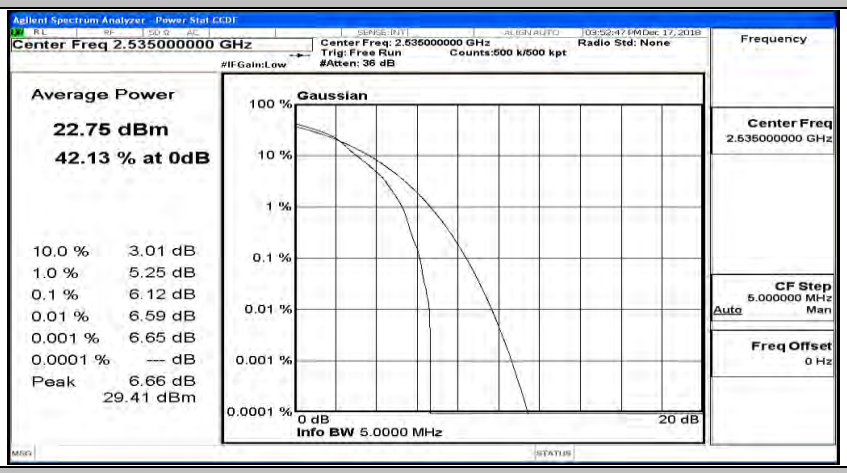
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



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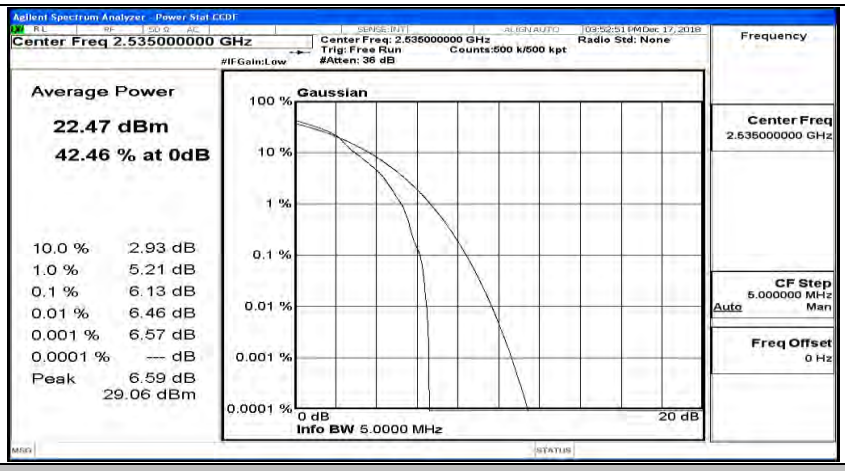
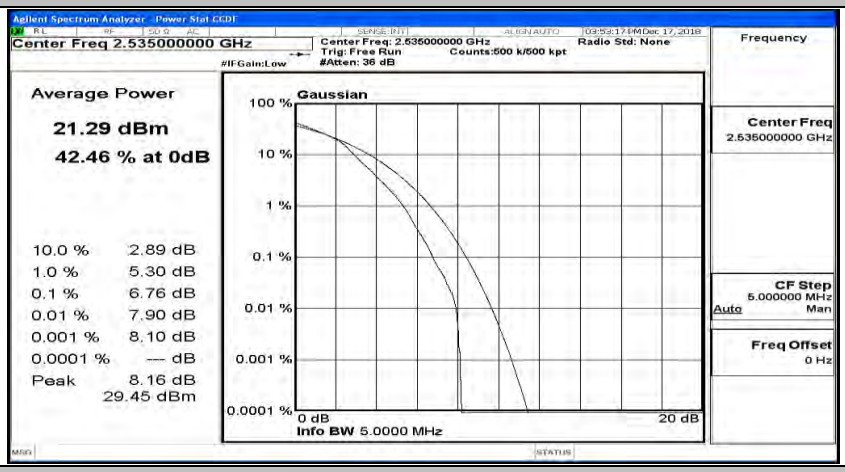
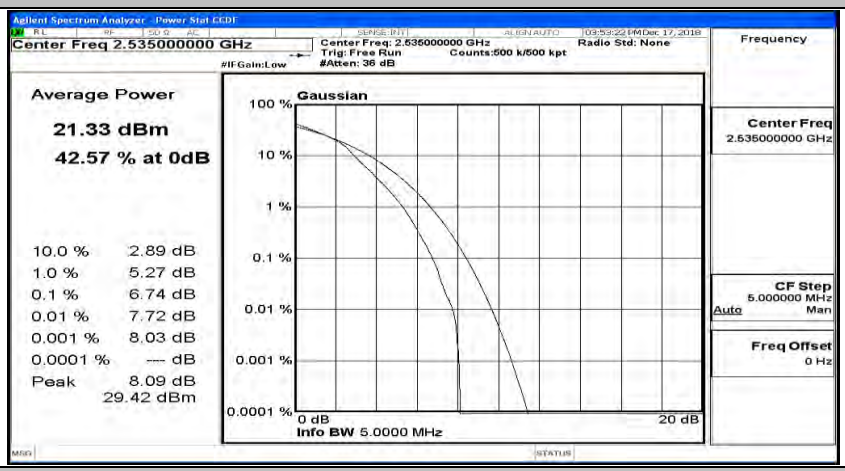


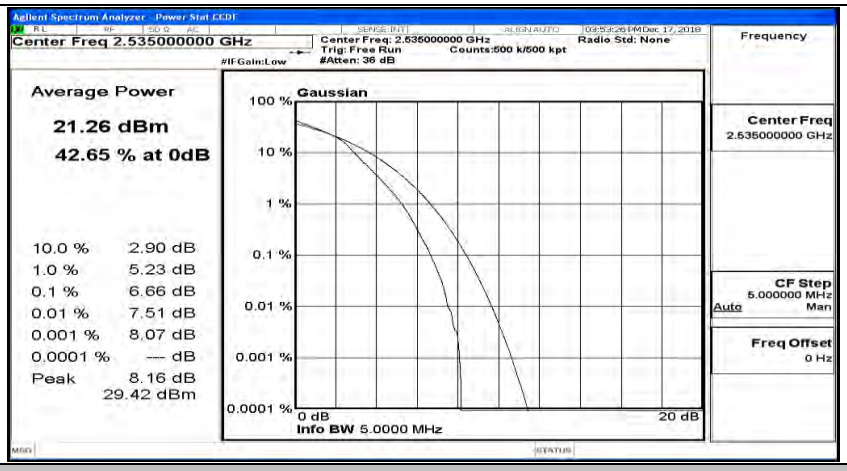
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



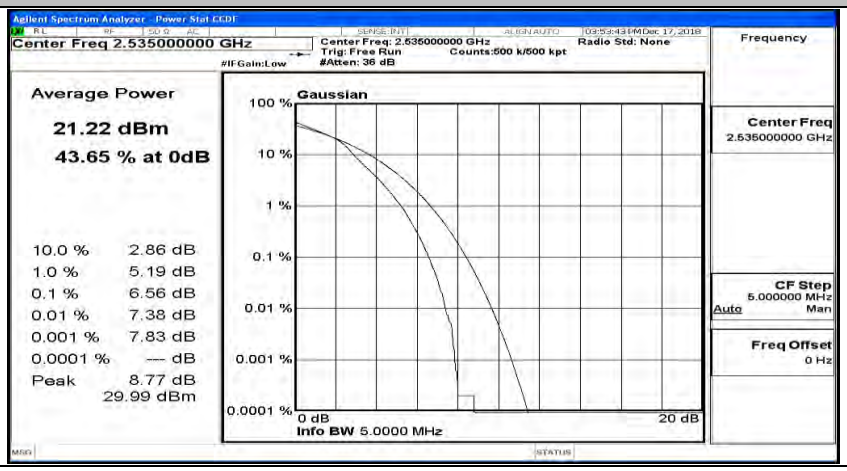
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



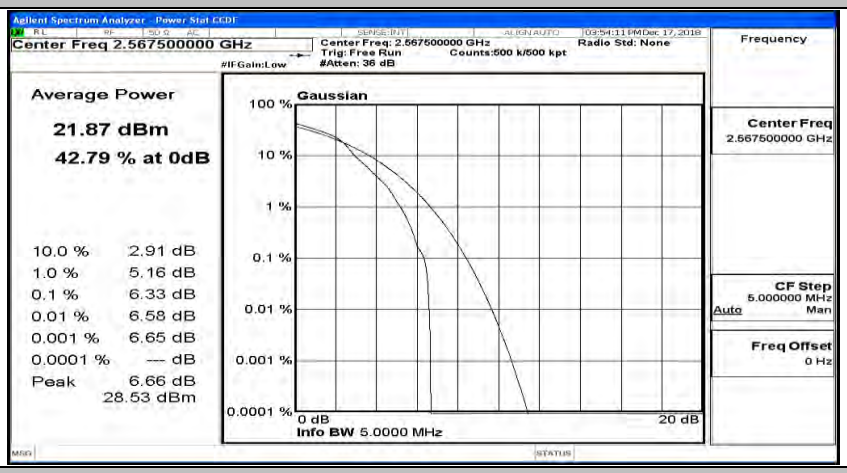
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



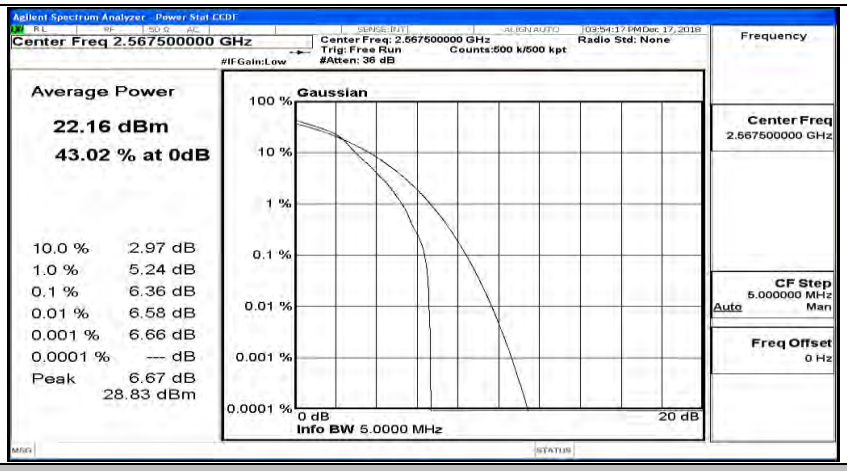
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



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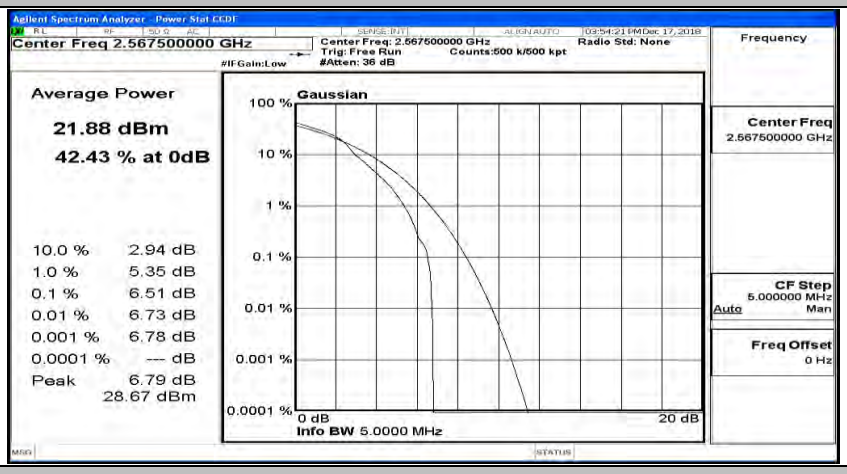
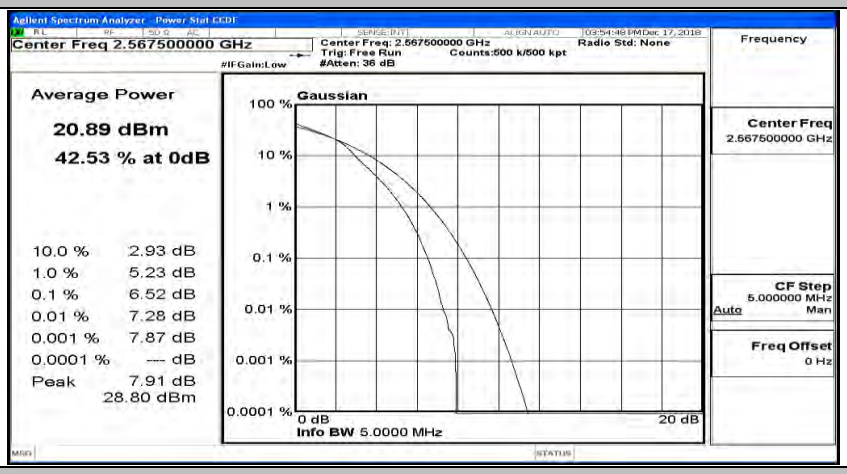
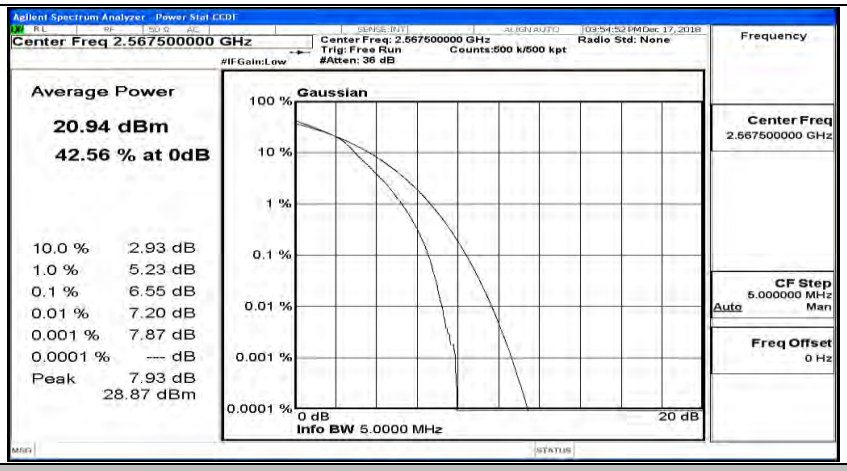


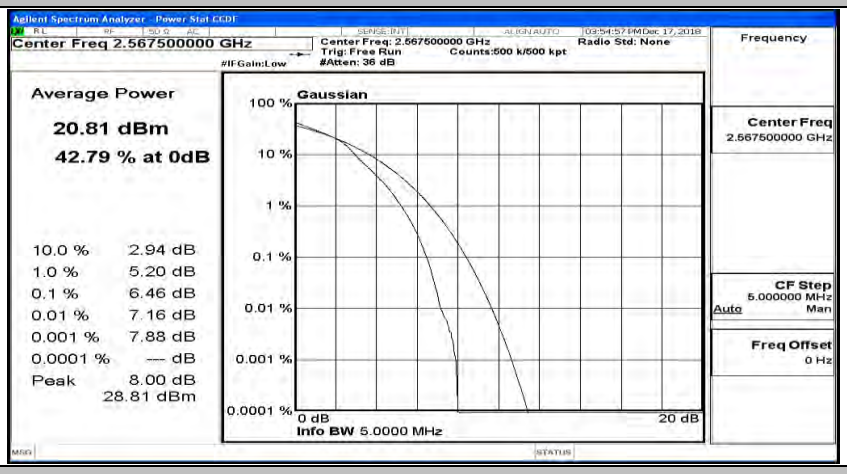
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



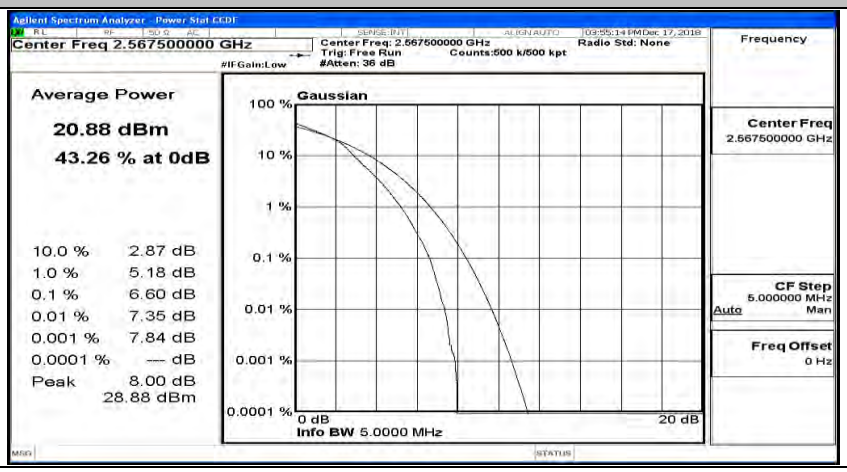
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

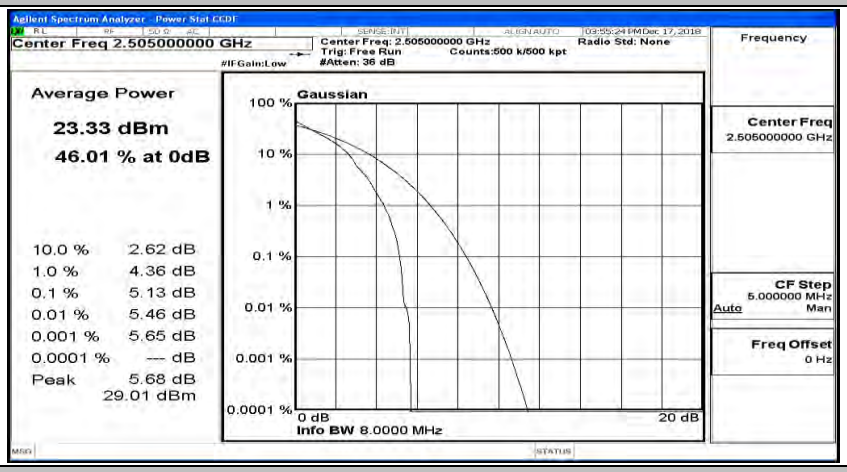


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

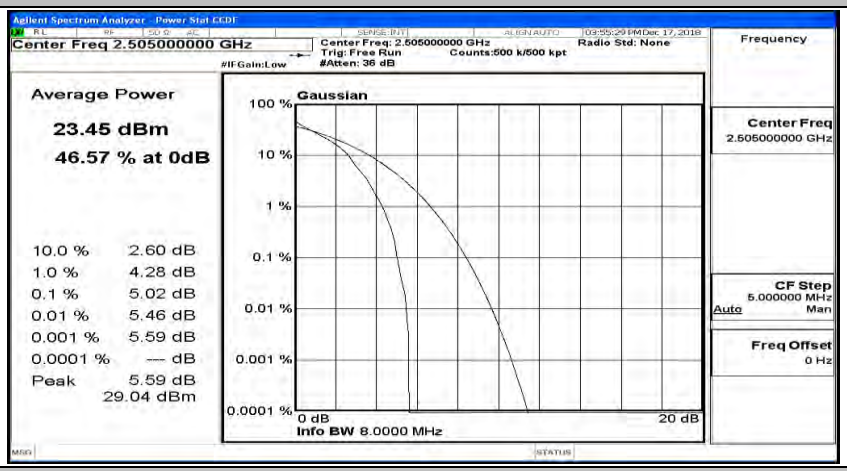


Channel Bandwidth: 10 MHz

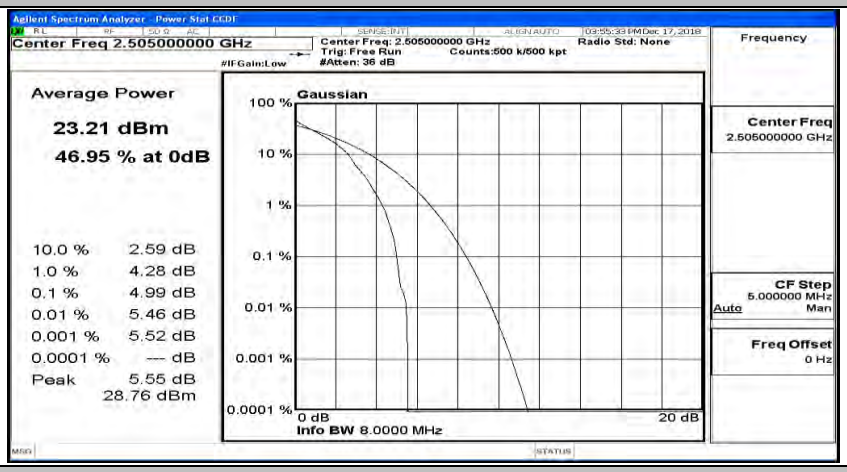
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



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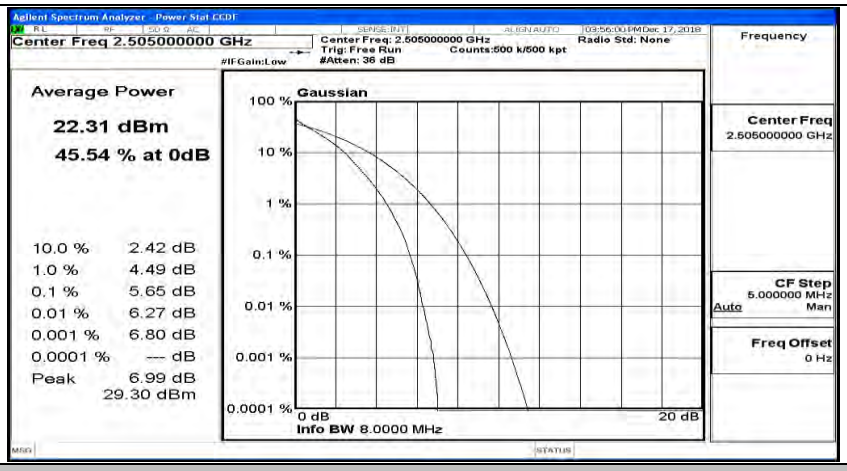

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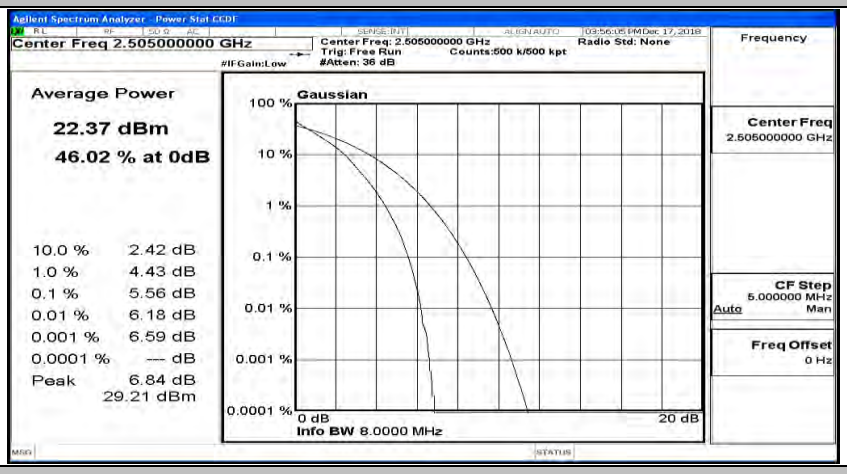
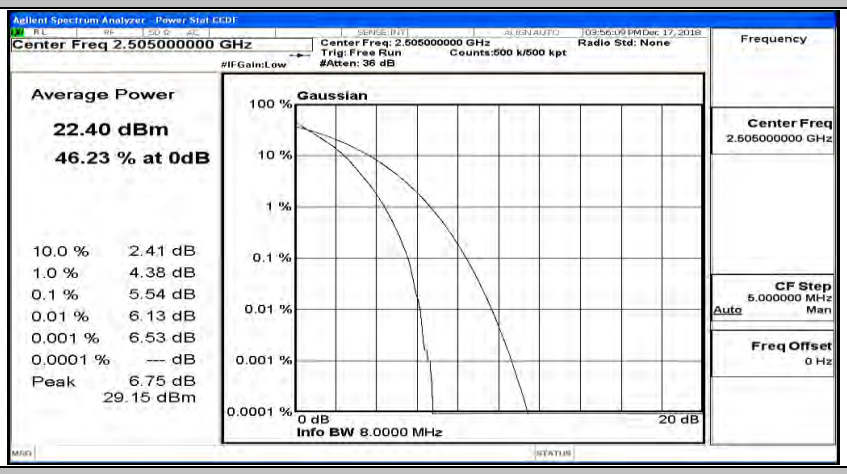
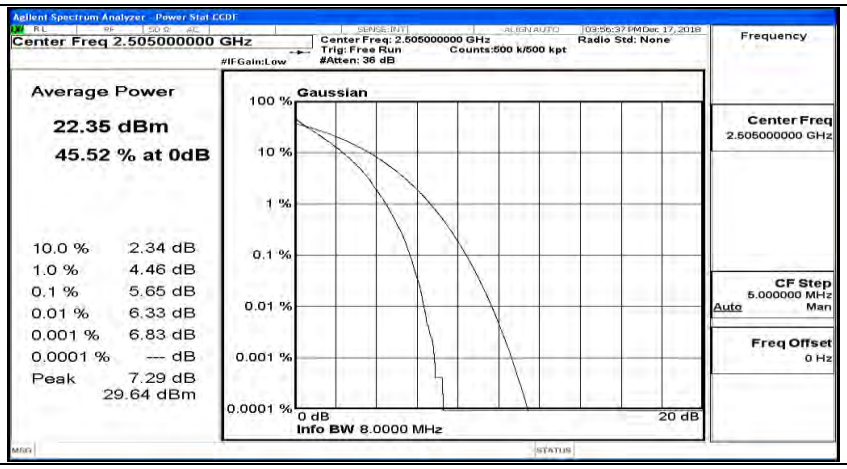


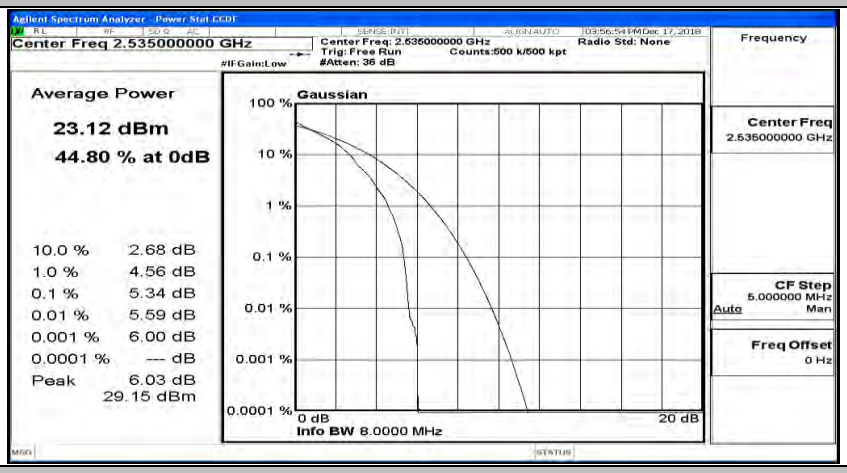
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



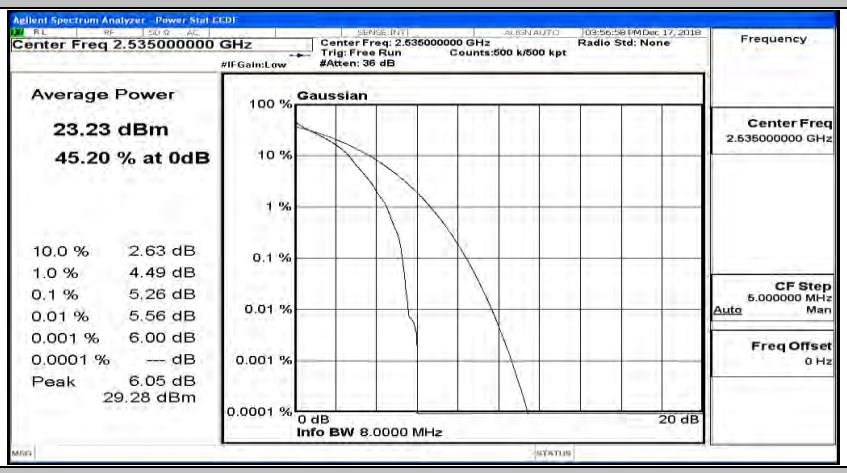
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



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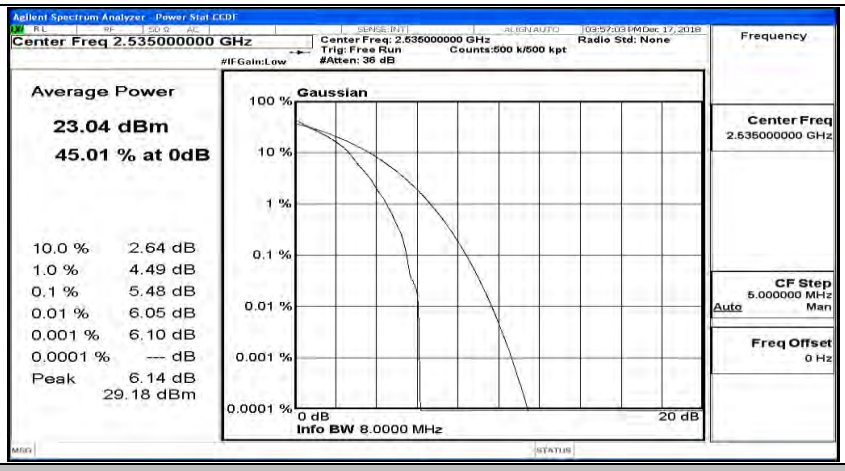

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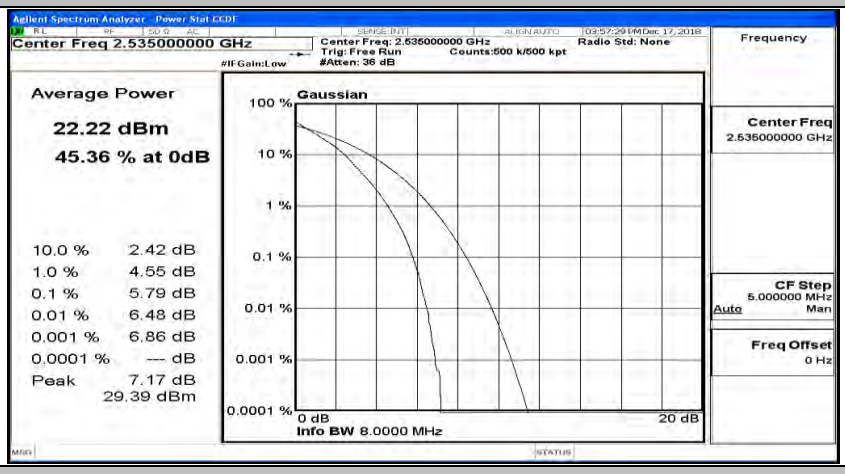

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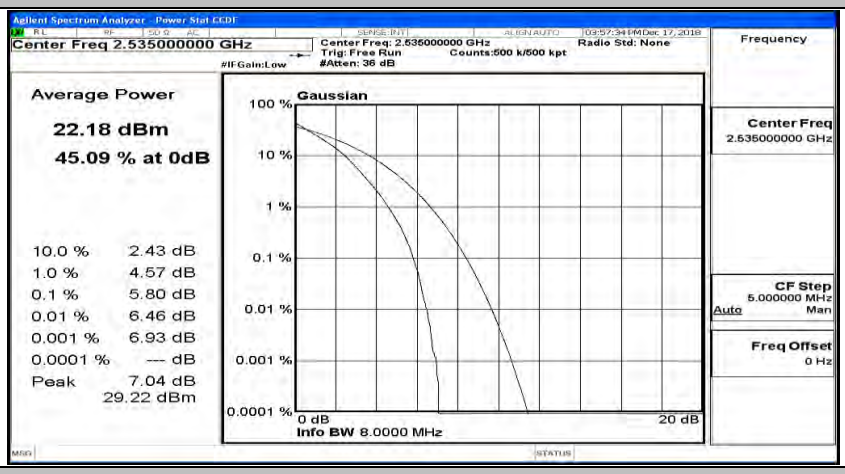

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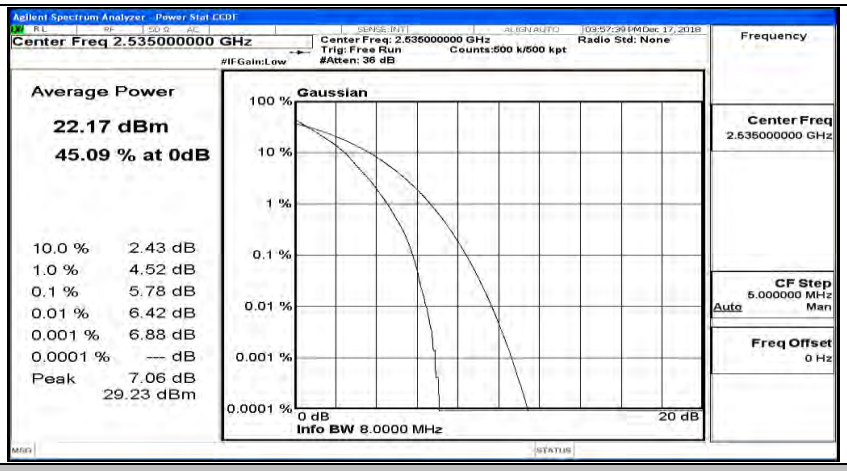
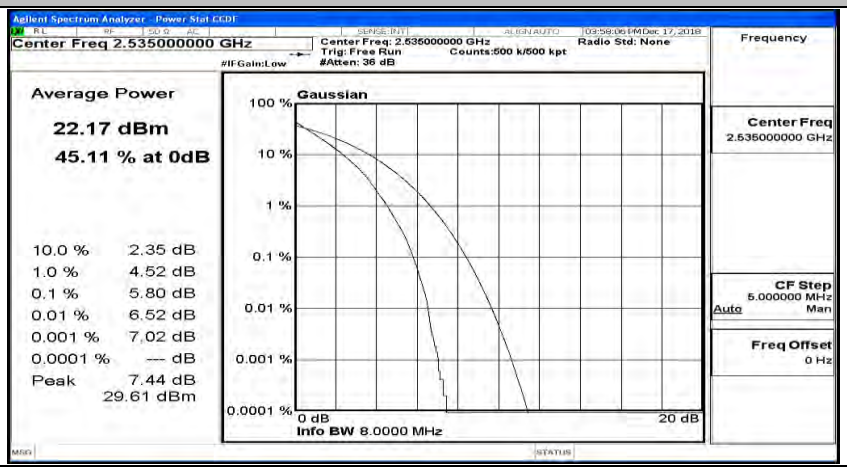
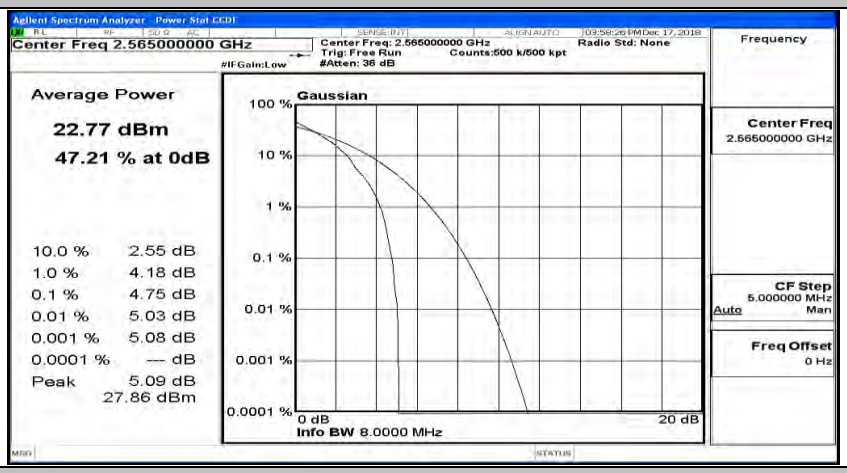


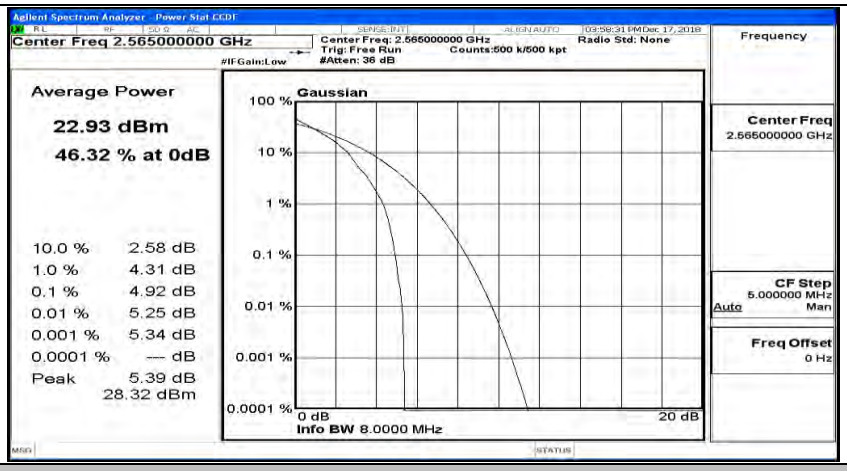
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



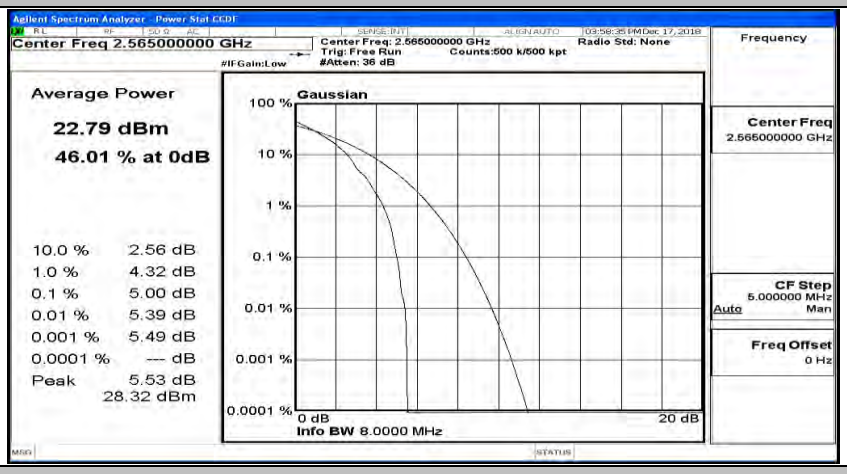
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



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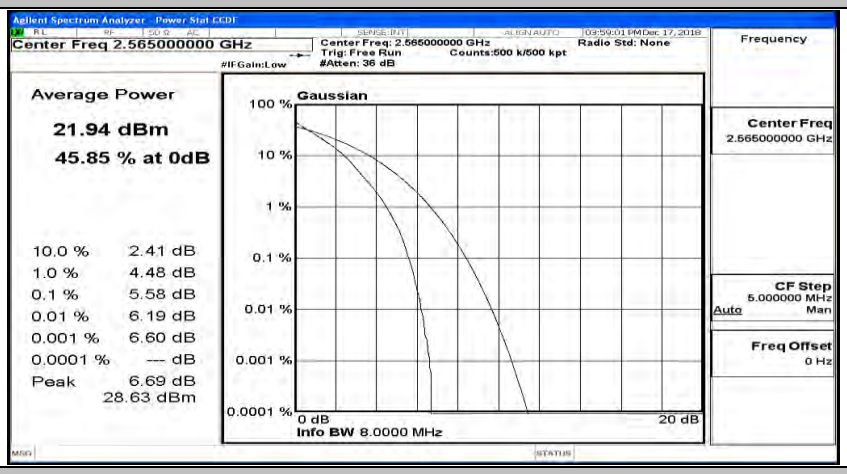
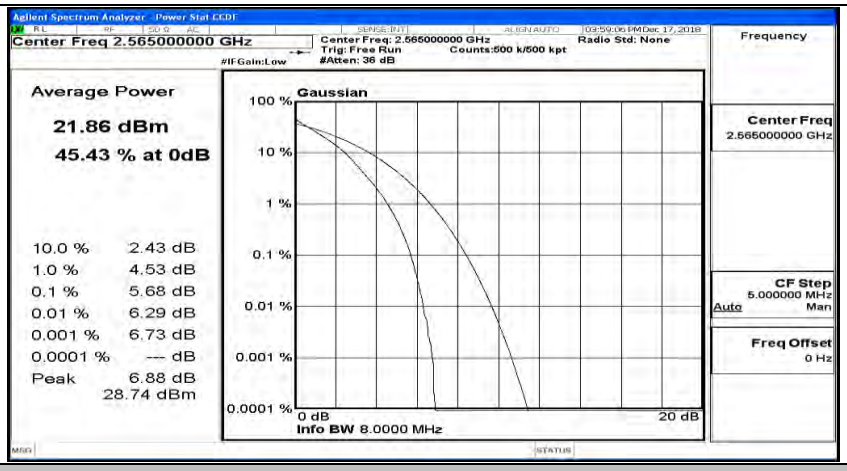


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



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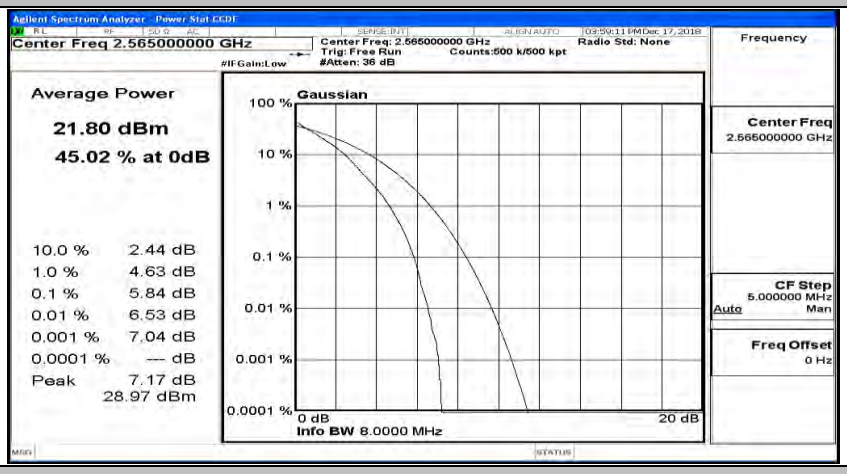
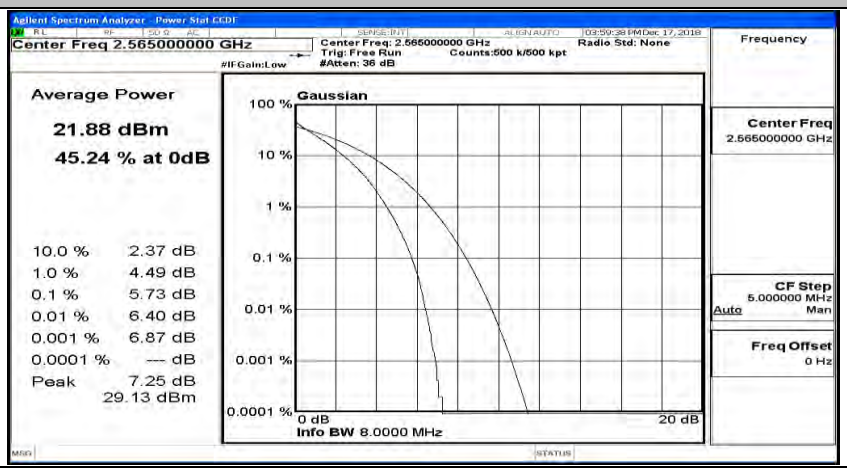
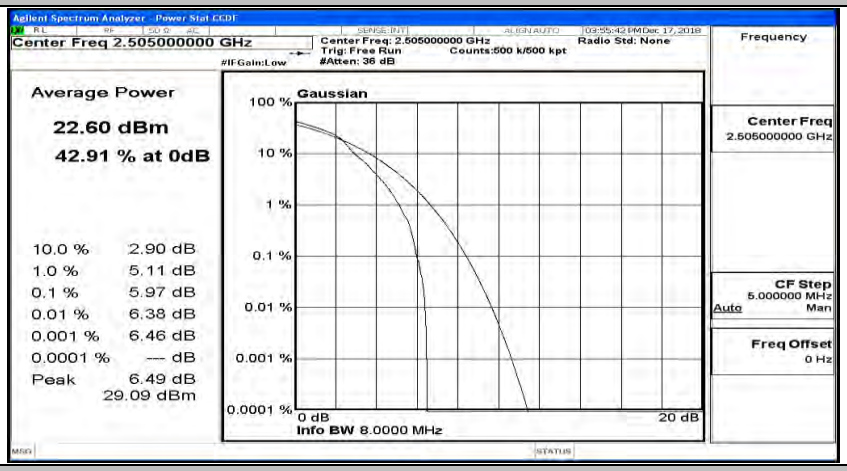


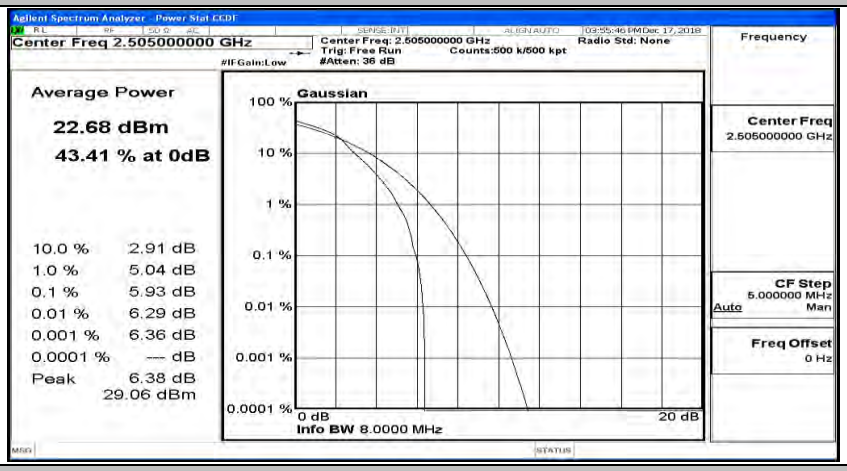
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



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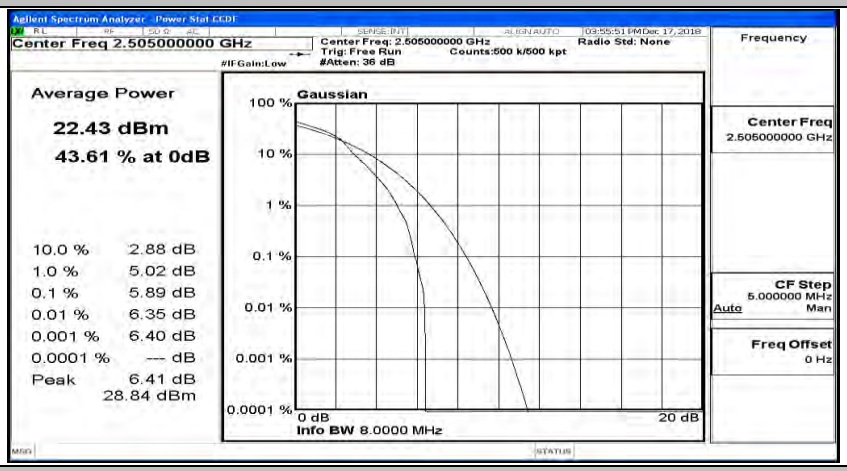

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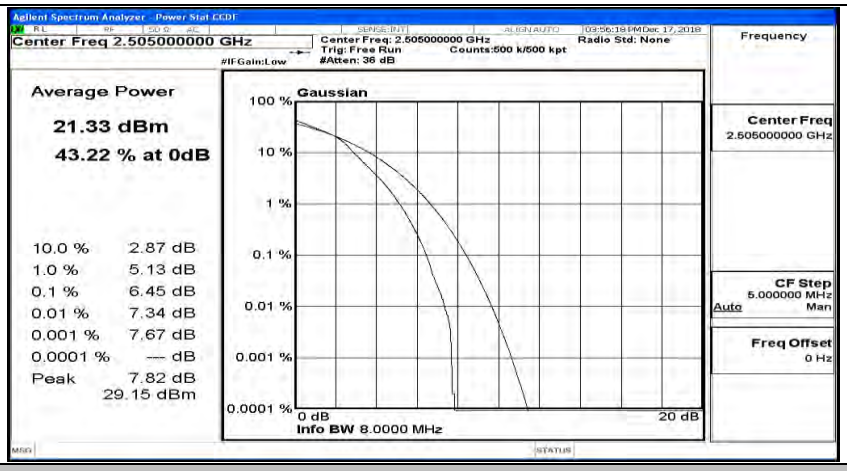
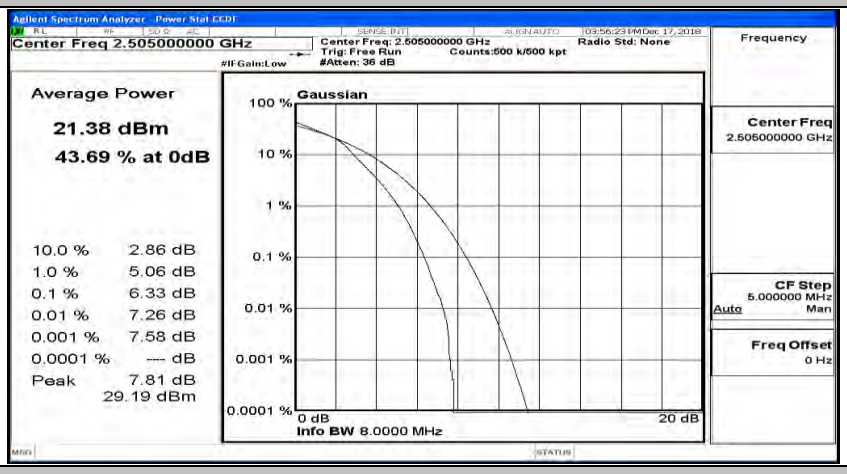
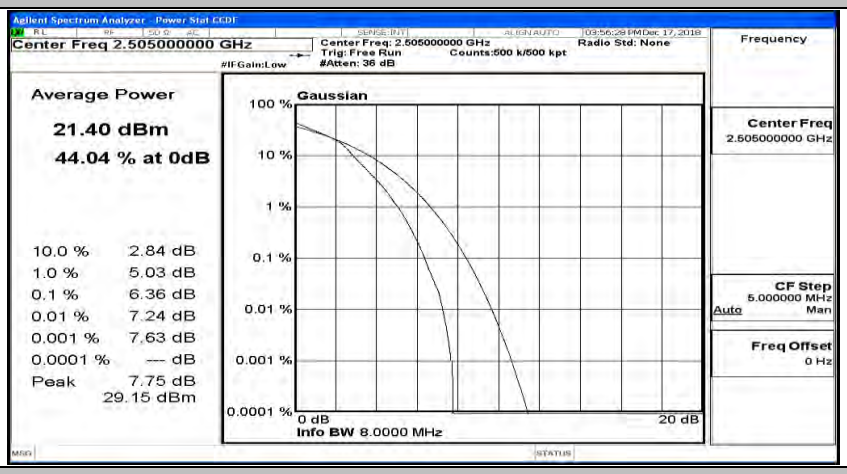


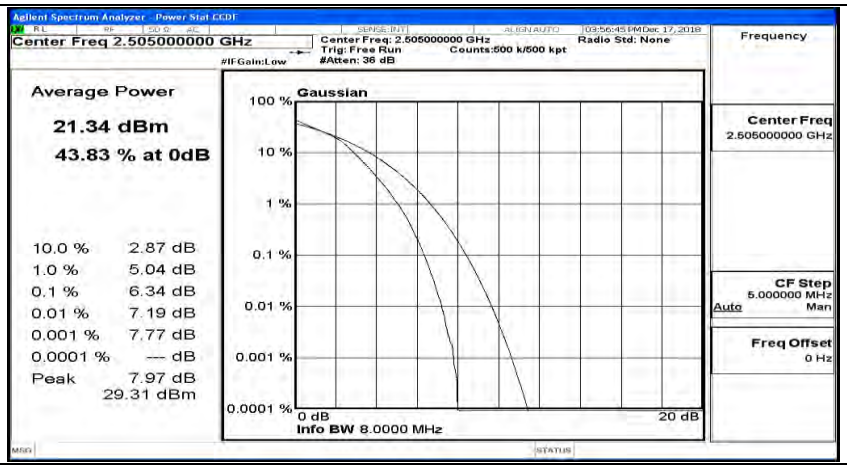
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



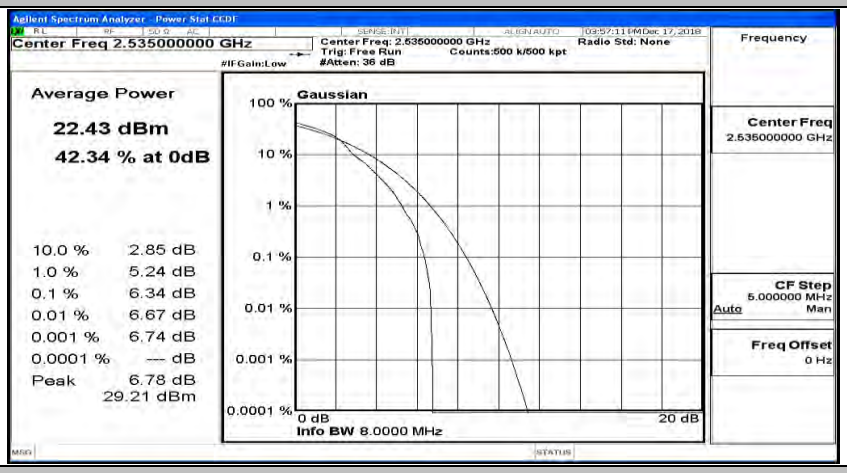
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



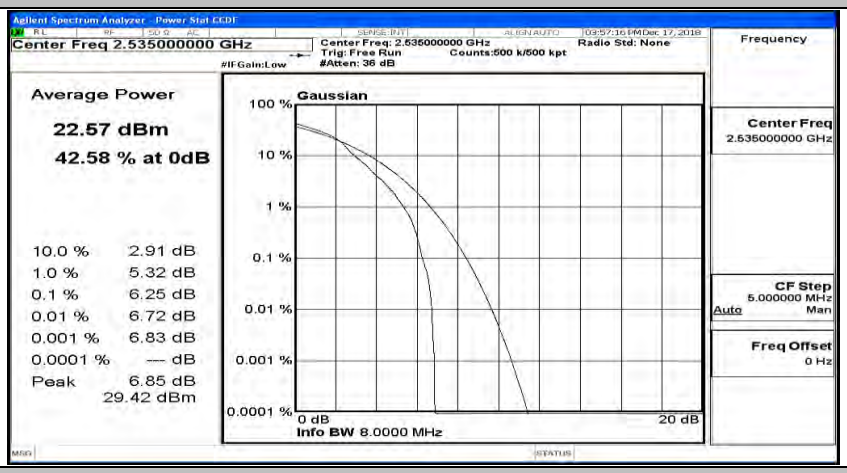
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



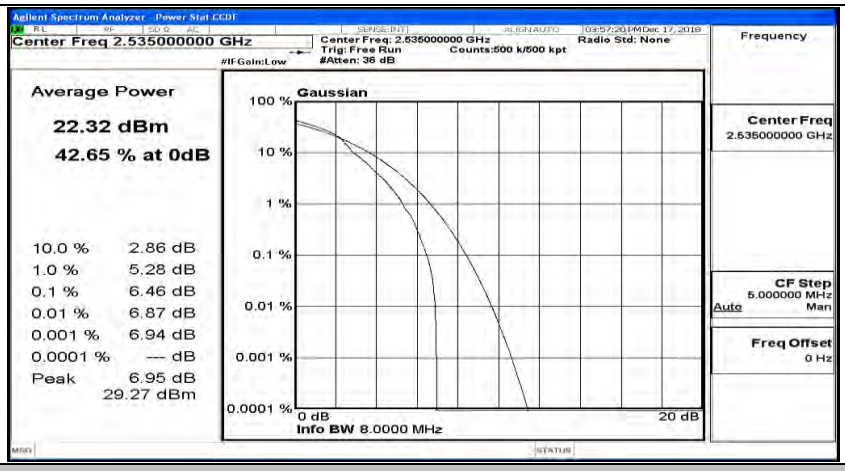
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



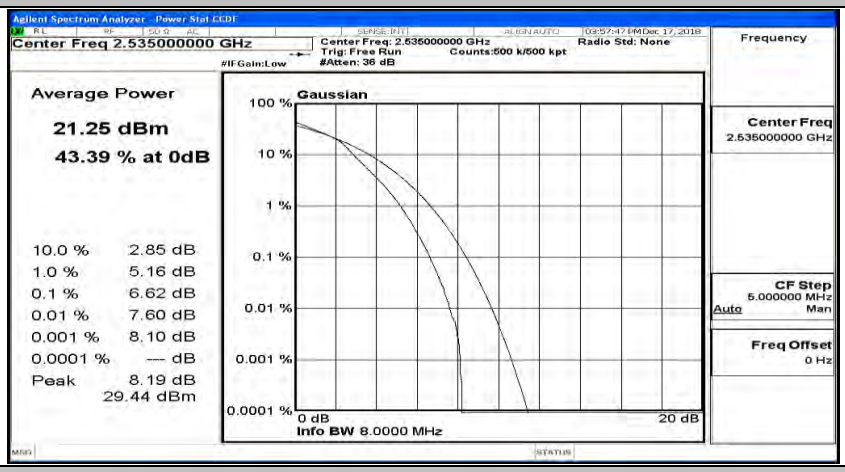
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



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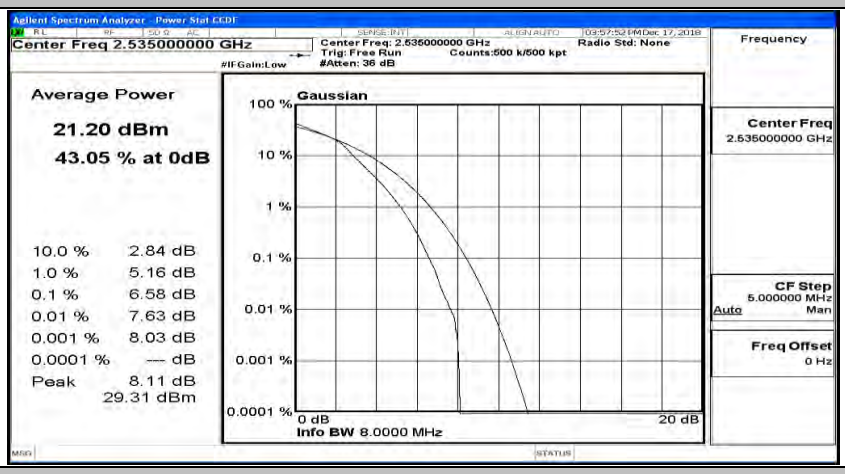
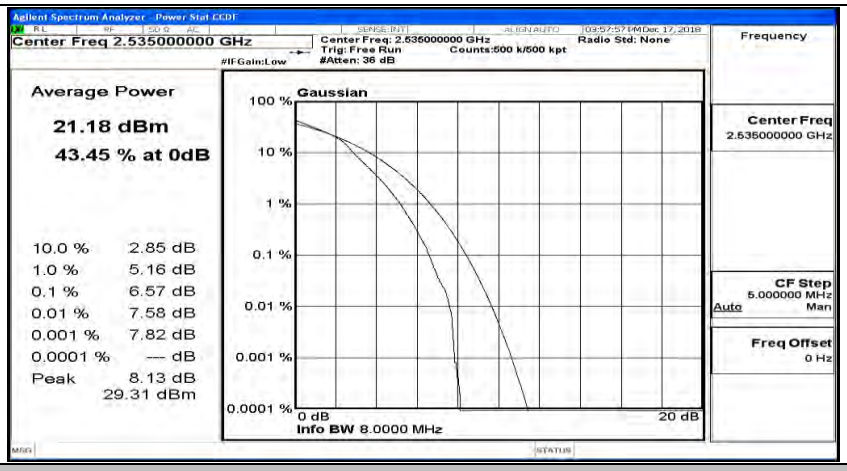
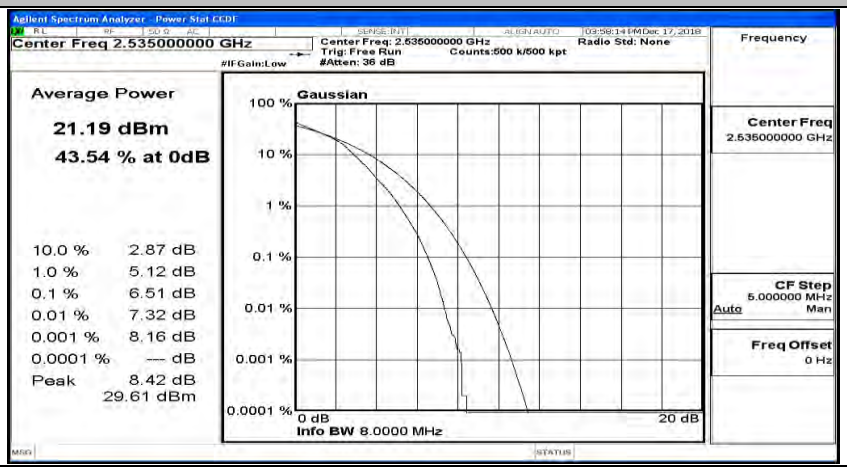


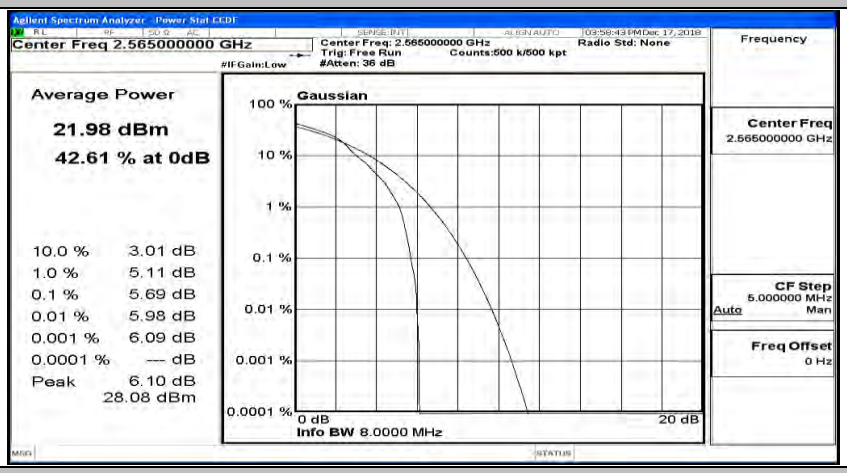
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



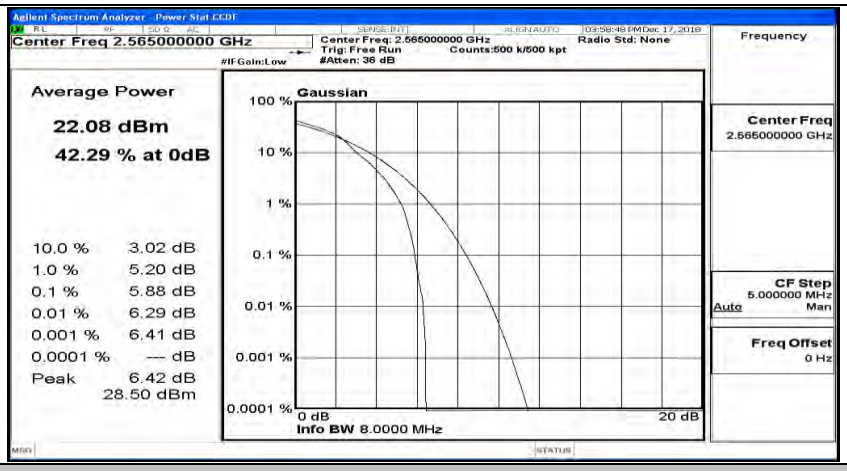
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



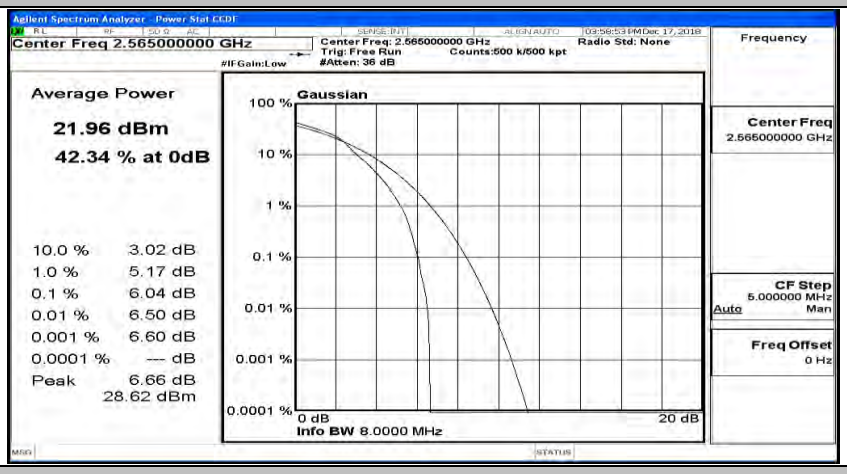
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



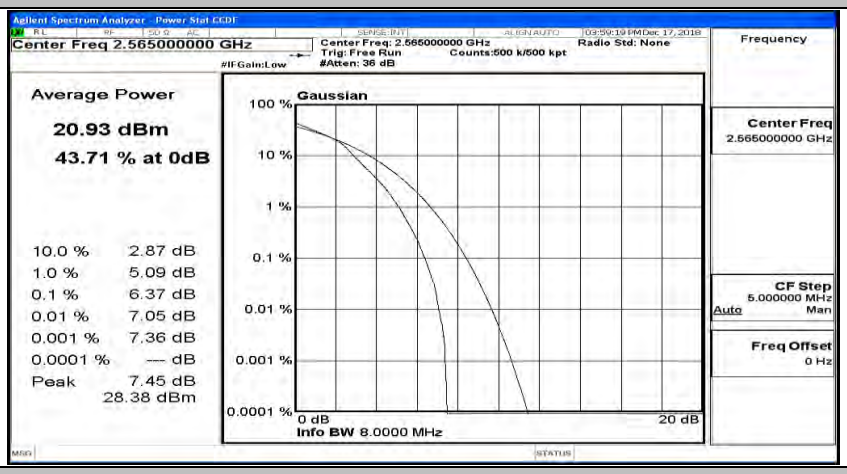
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



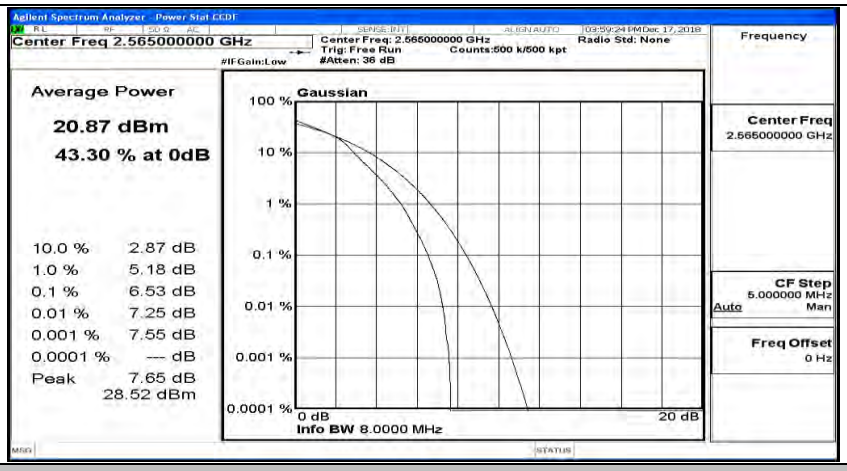
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



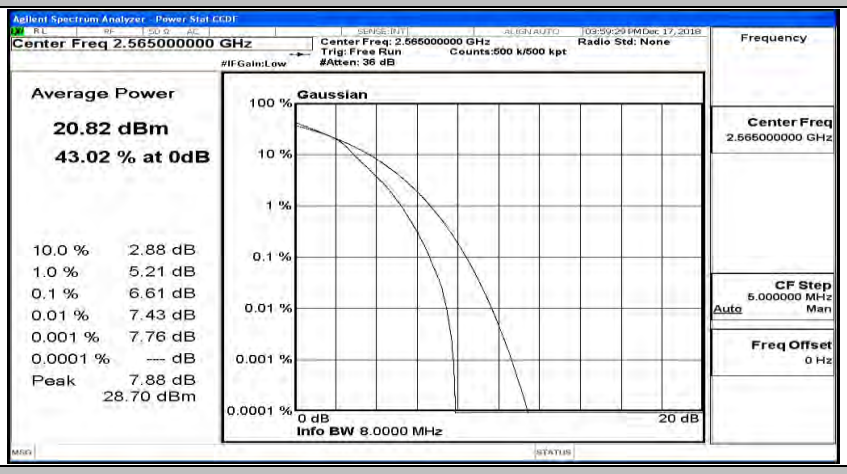
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



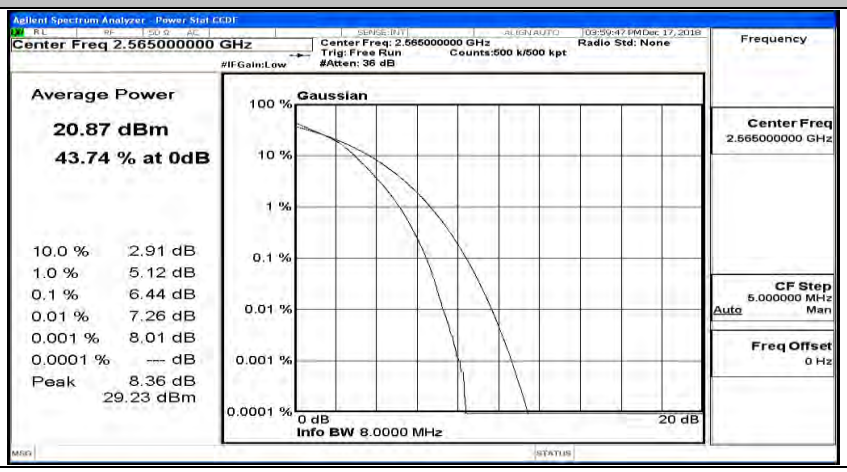
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

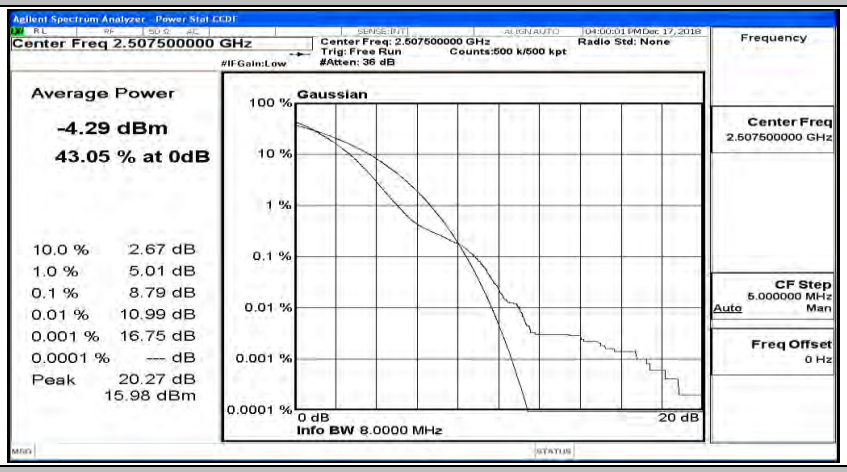


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

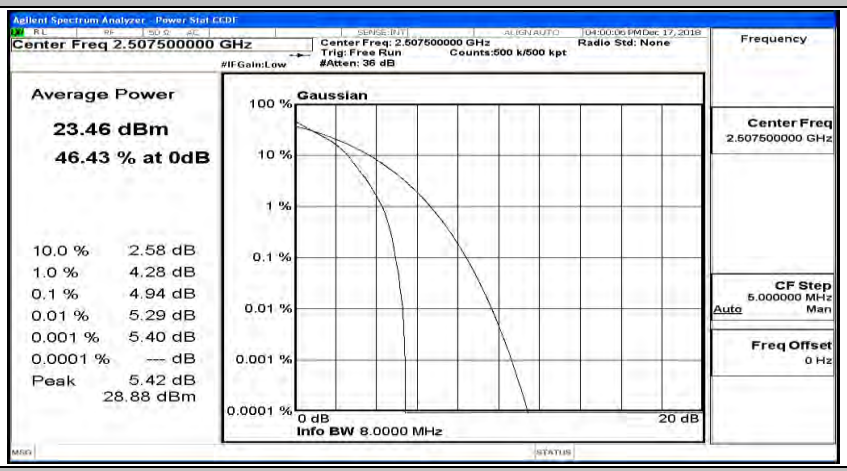


Channel Bandwidth: 15 MHz

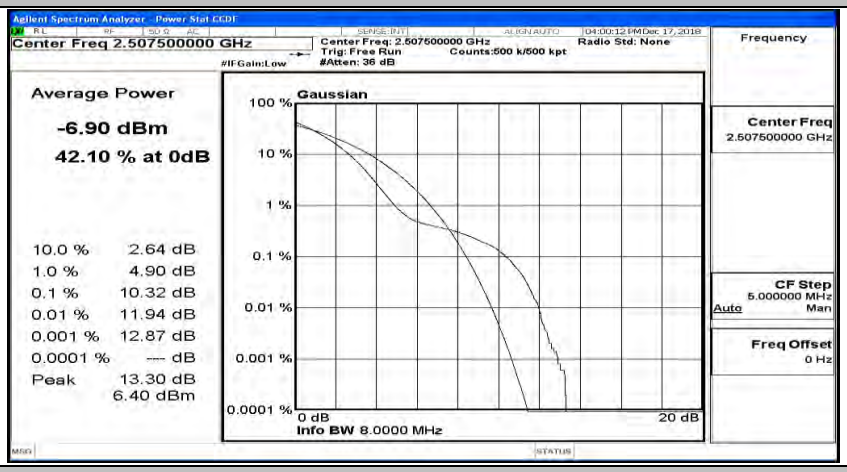
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



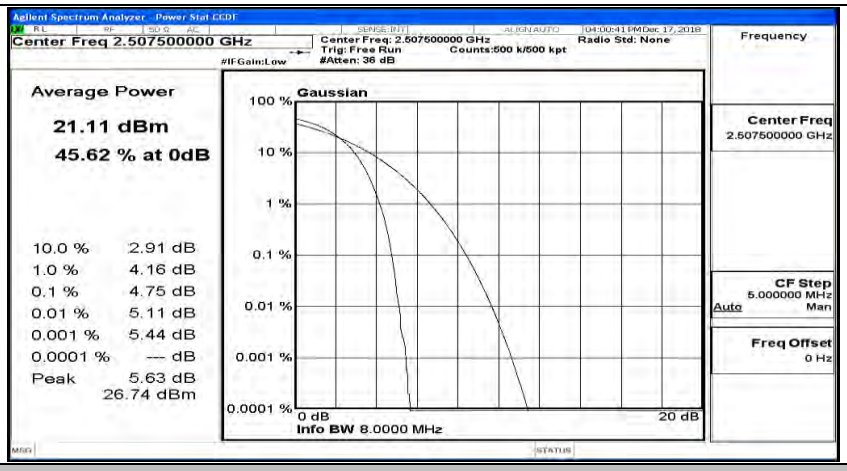
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



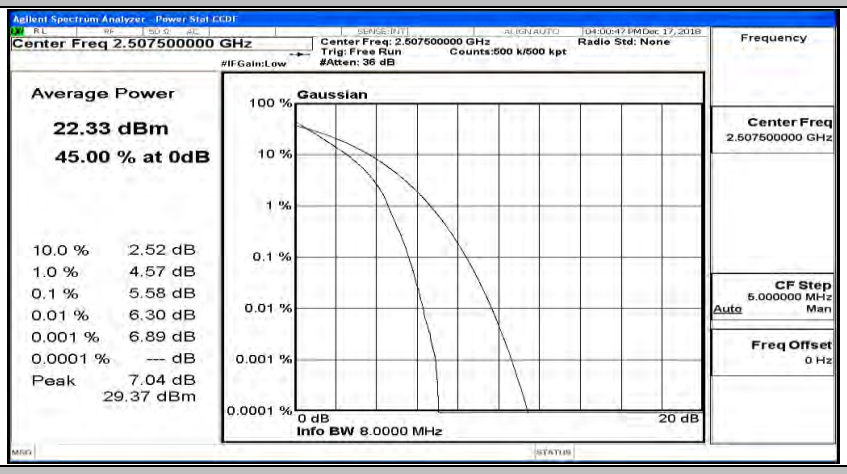
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



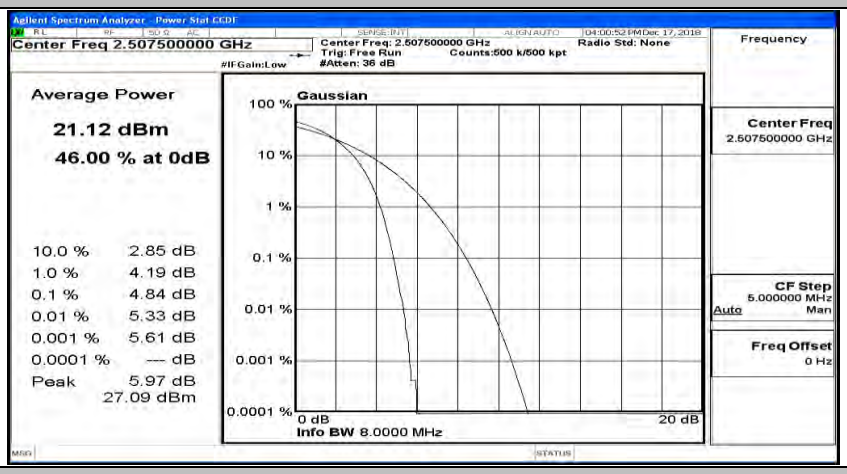
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



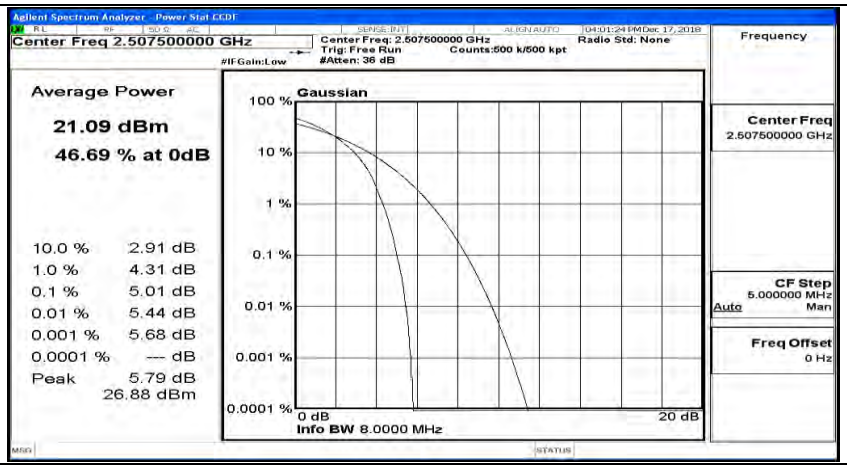
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



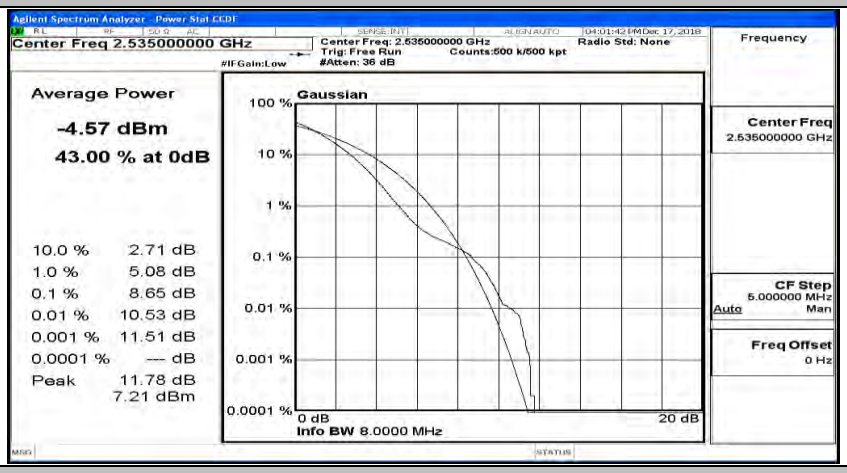
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



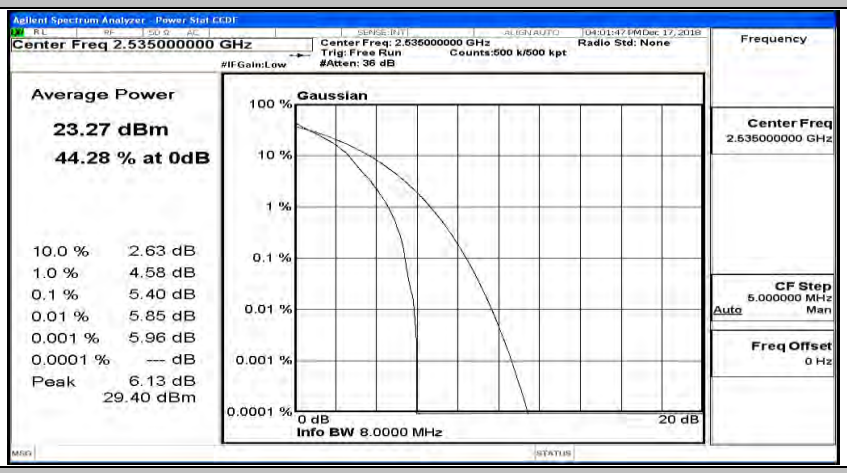
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



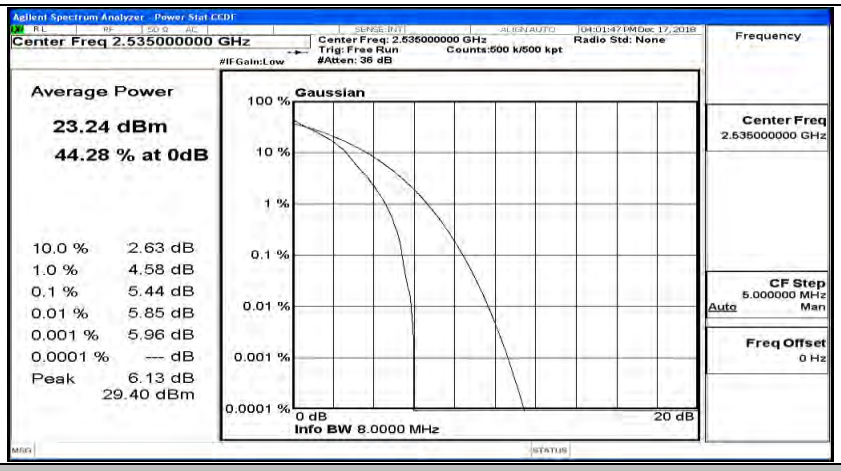
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



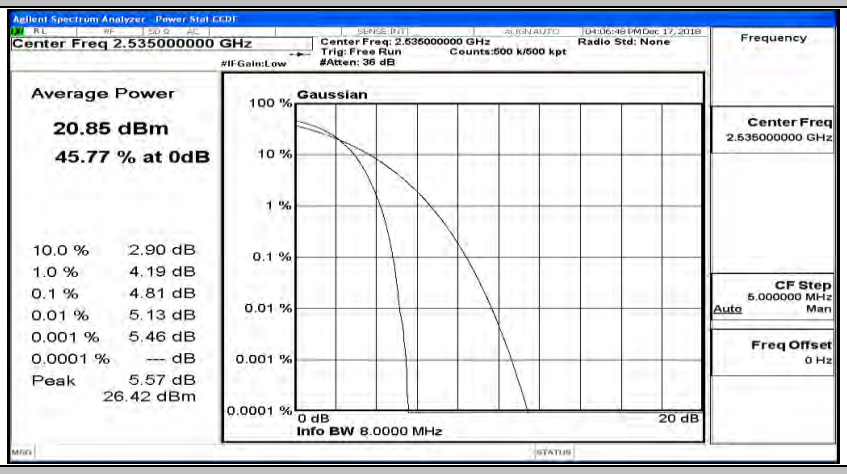
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



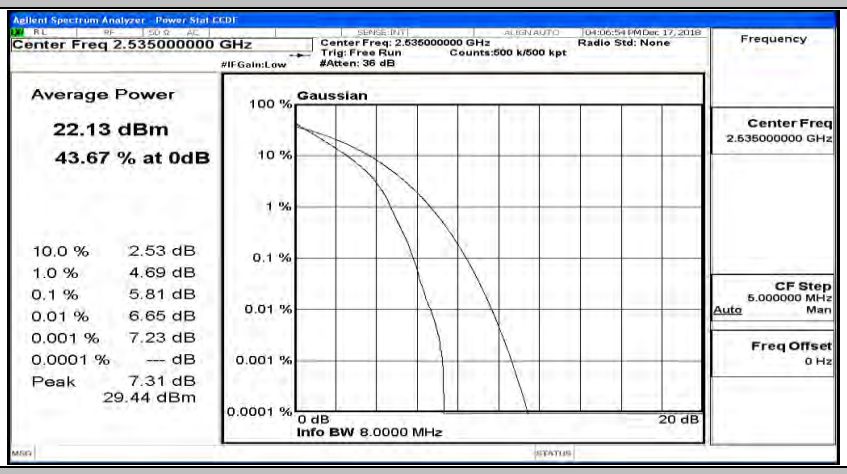
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



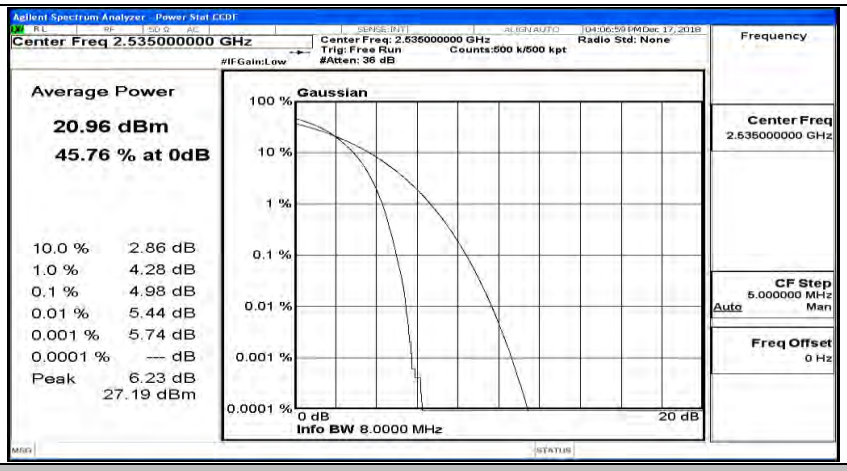
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



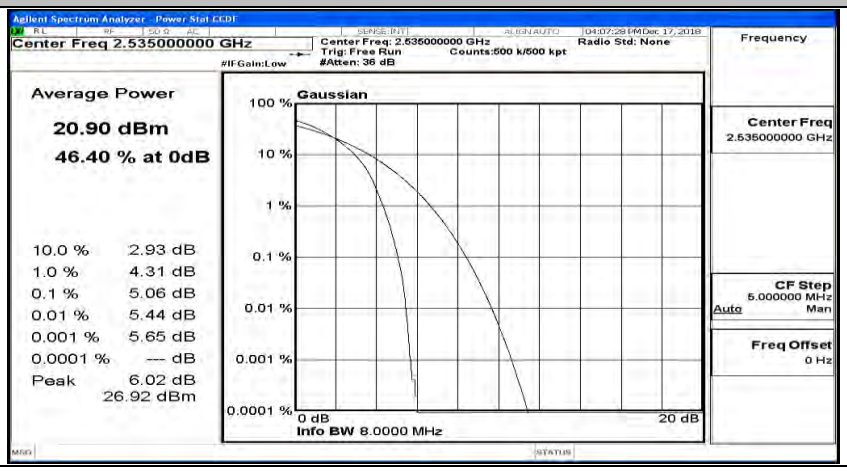
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



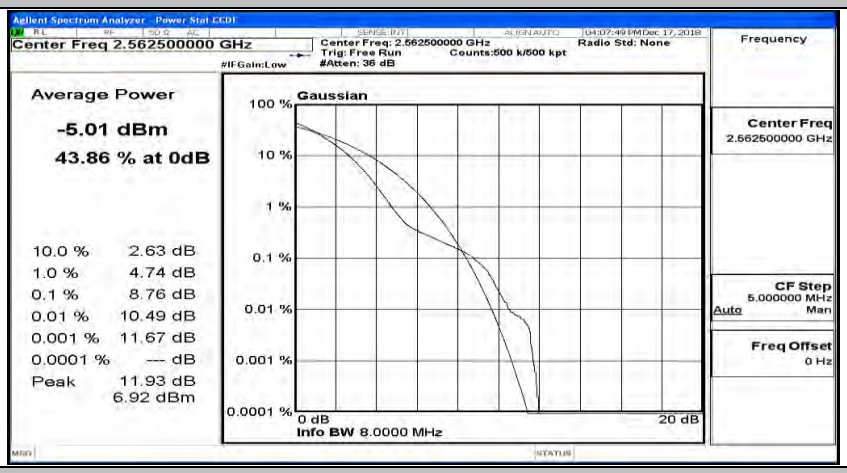
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



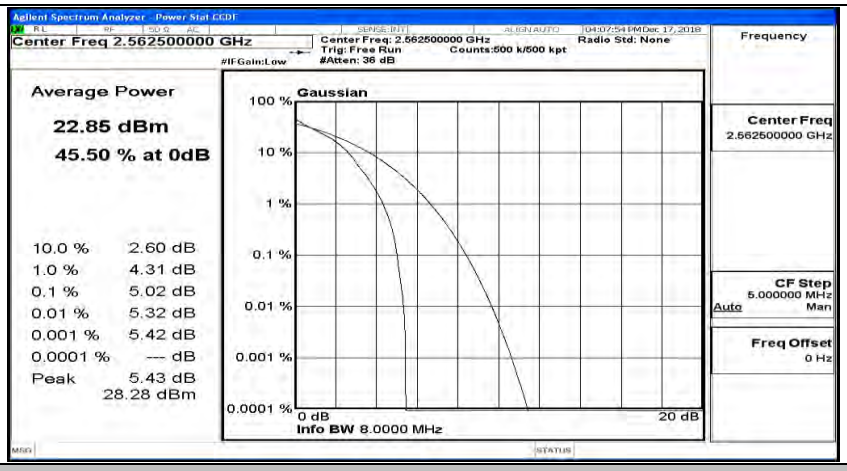
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



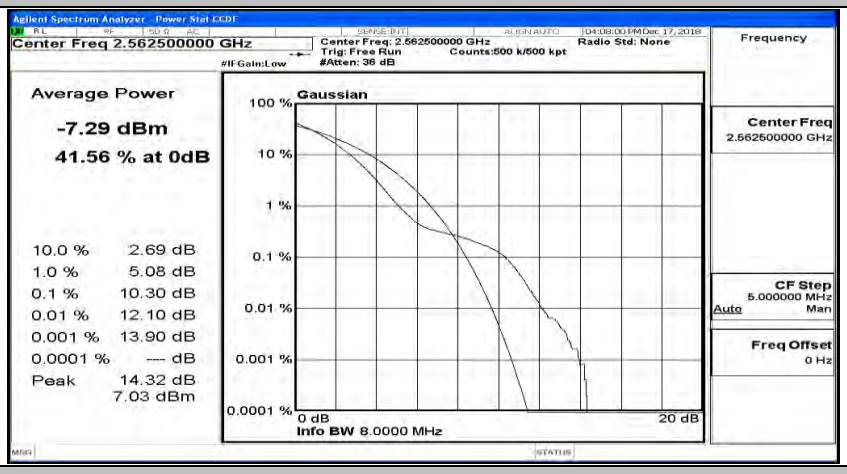
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



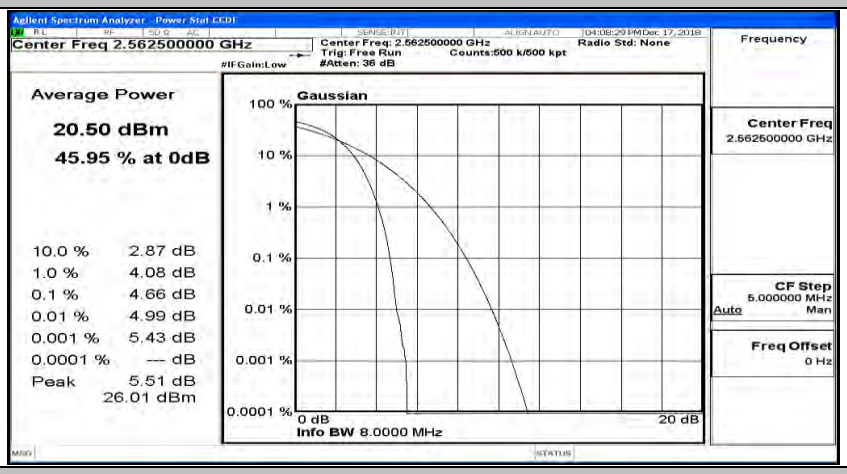
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



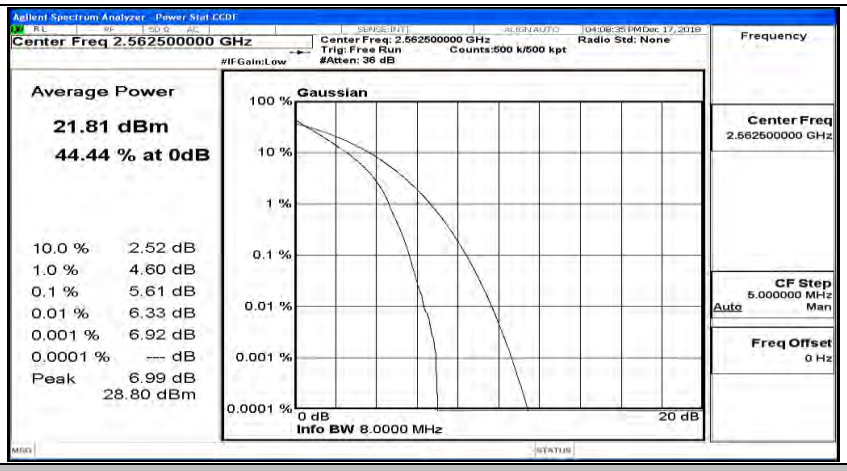
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



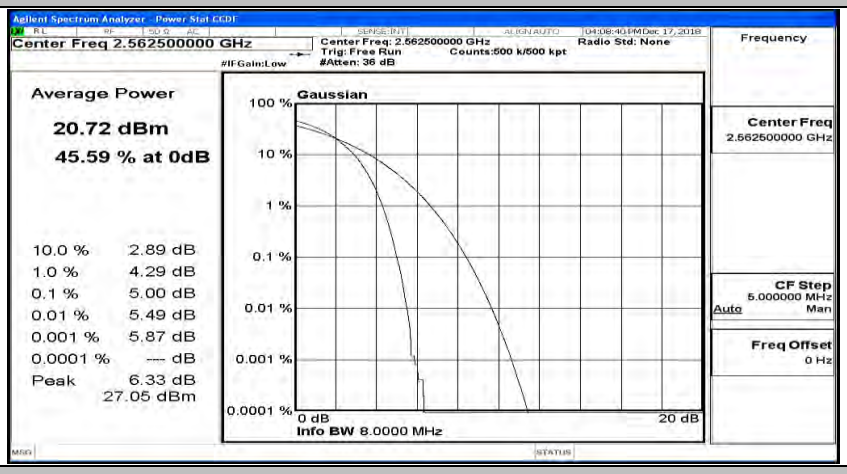
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



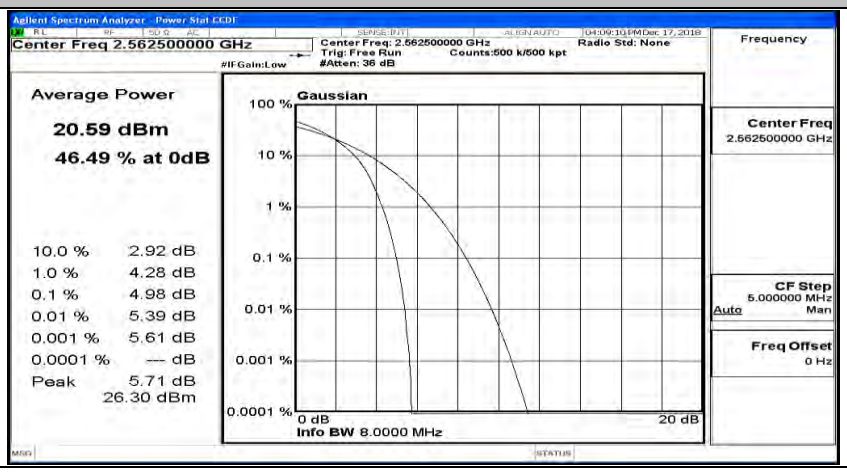
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



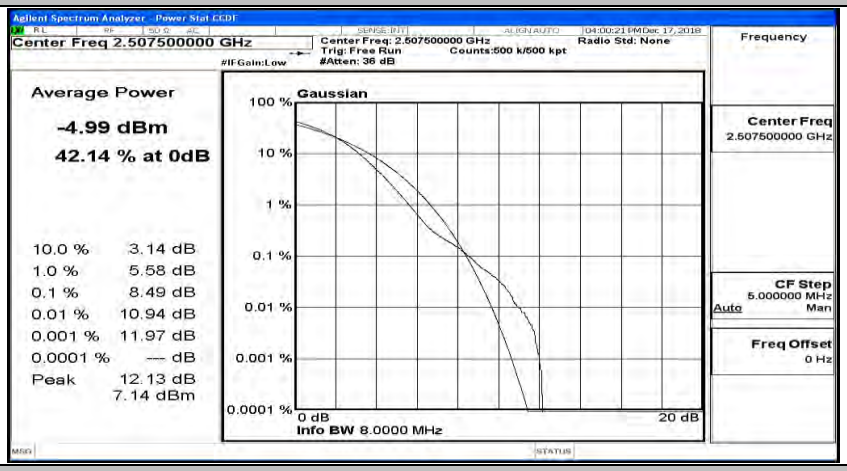
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



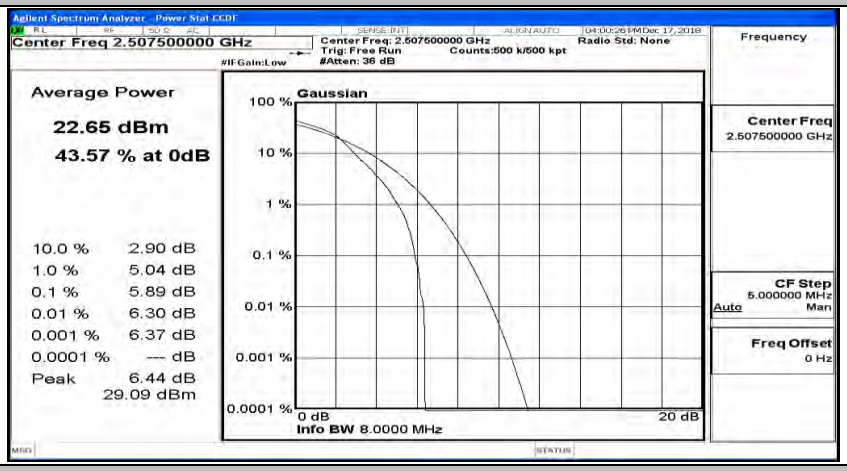
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



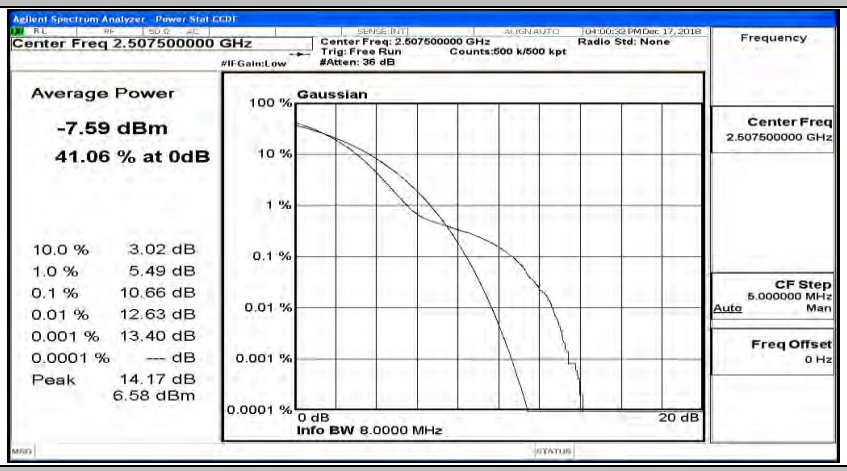
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



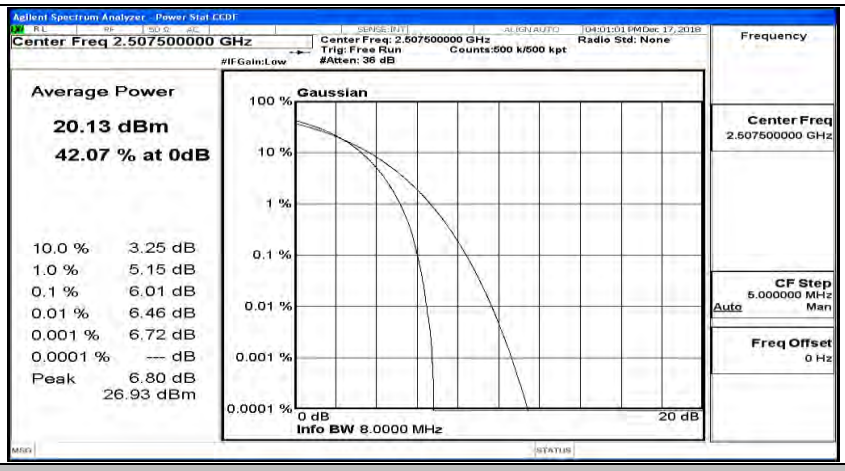
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



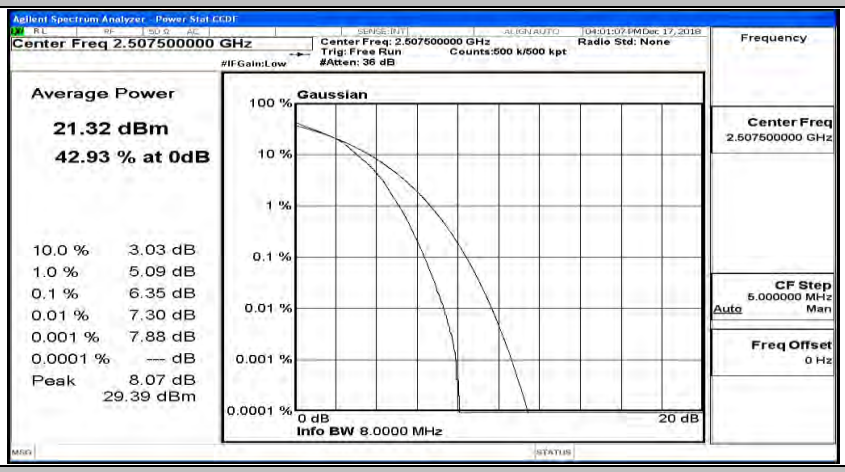
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



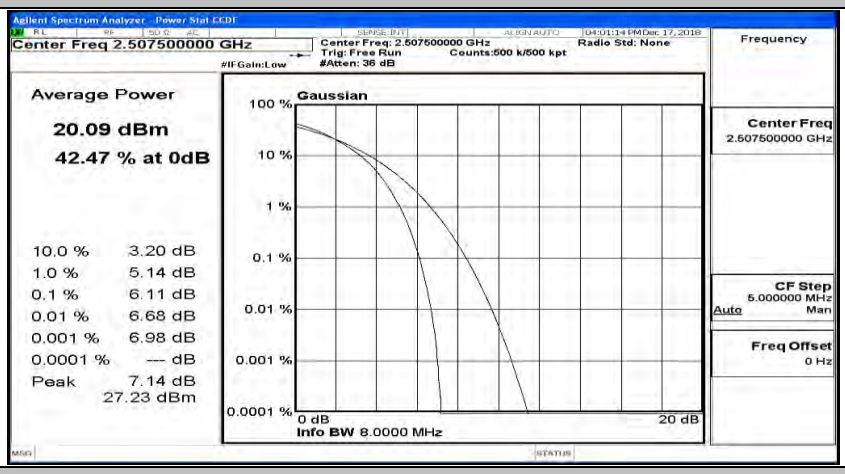
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



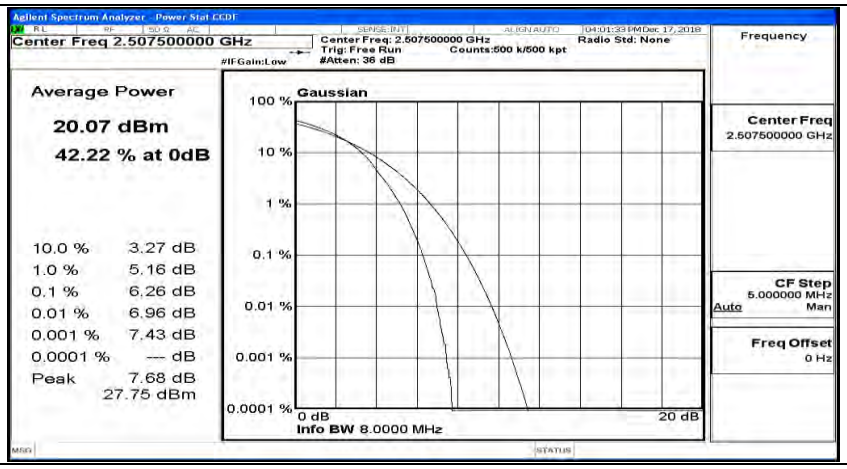
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



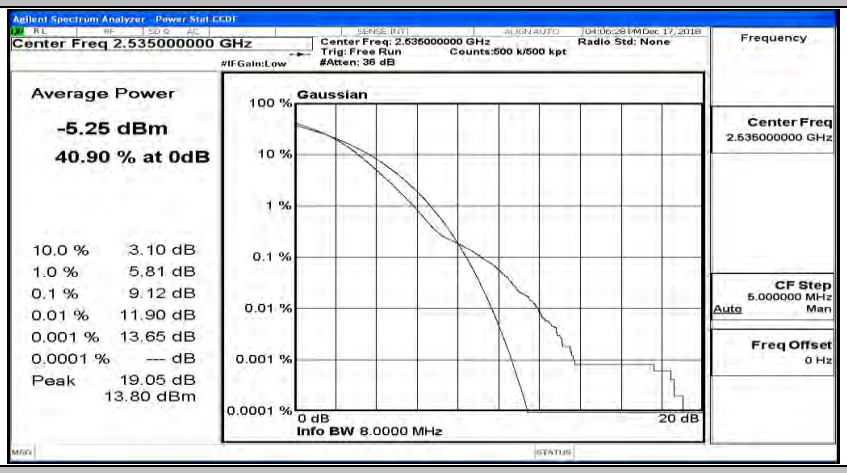
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



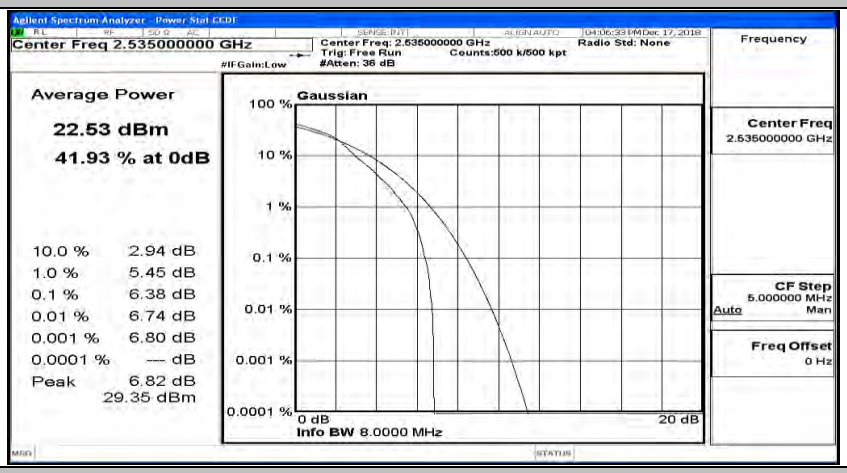
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



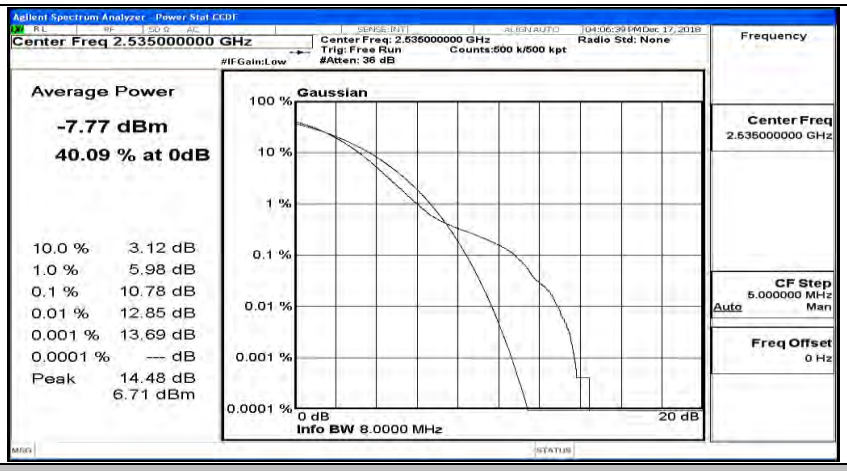
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



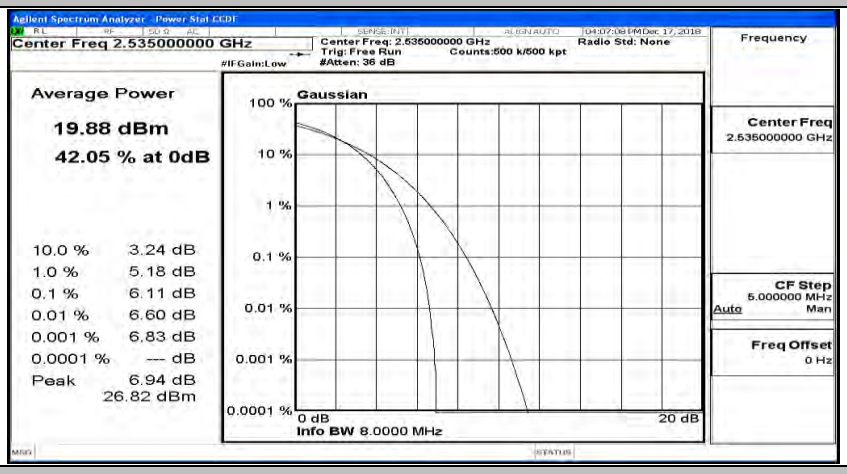
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



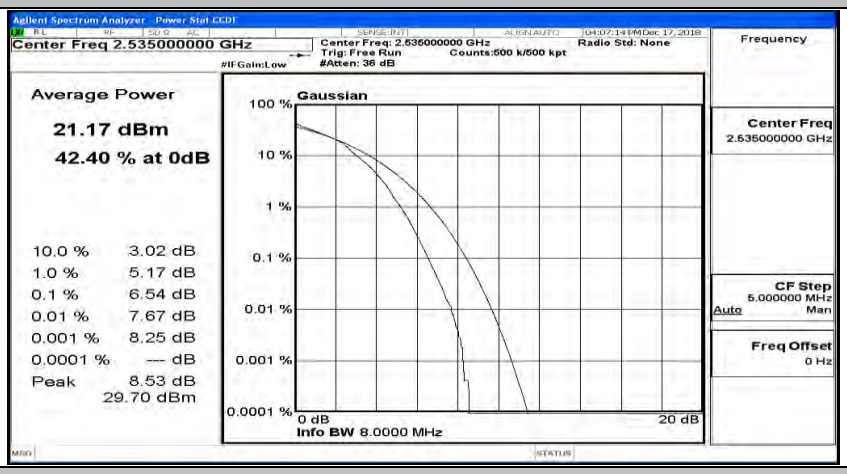
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



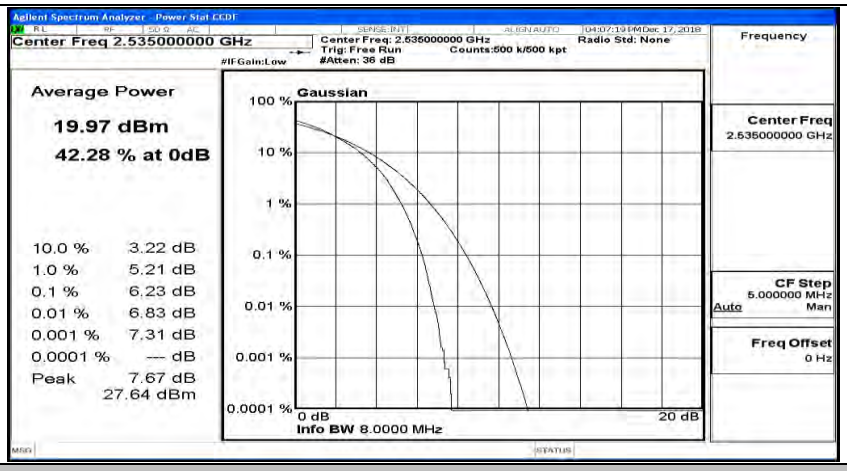
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



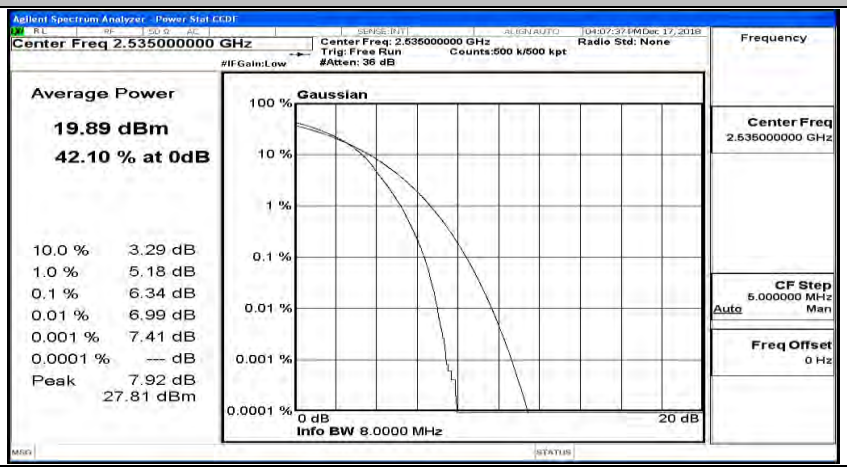
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



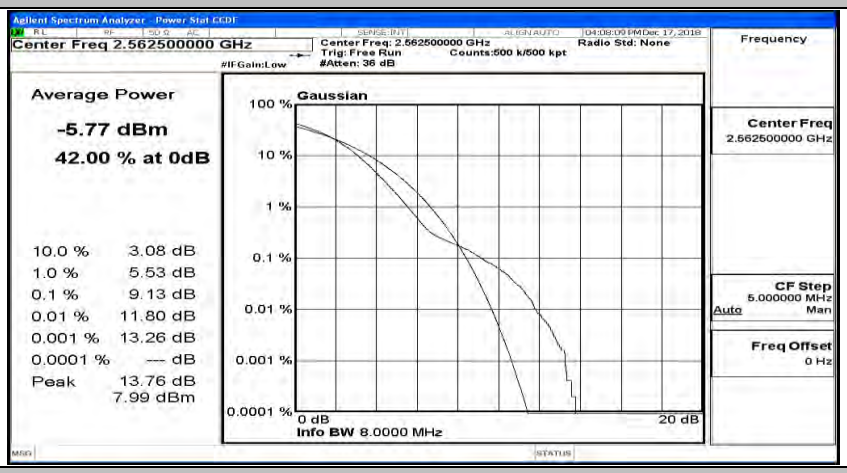
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



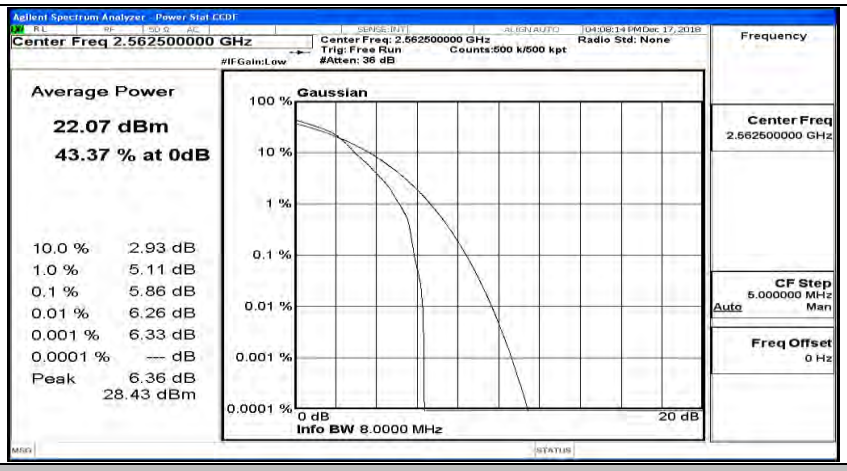
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



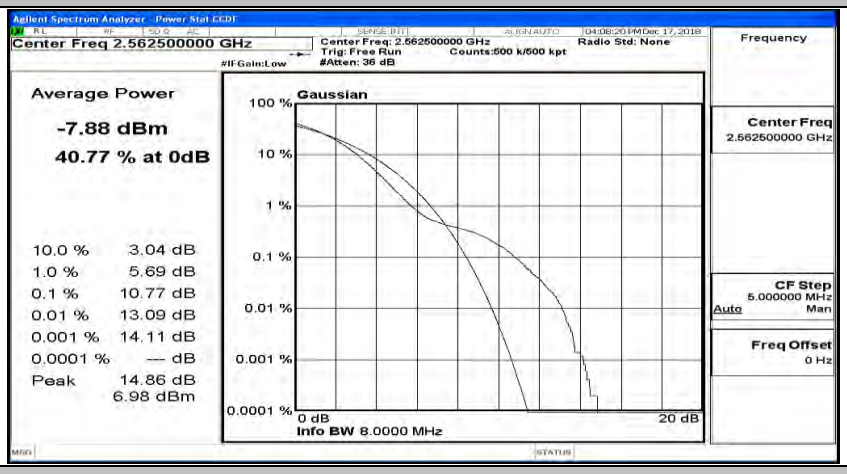
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



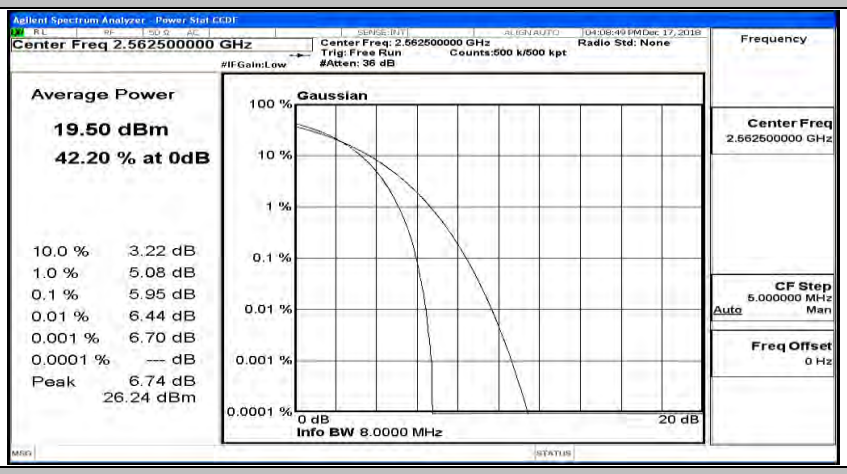
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



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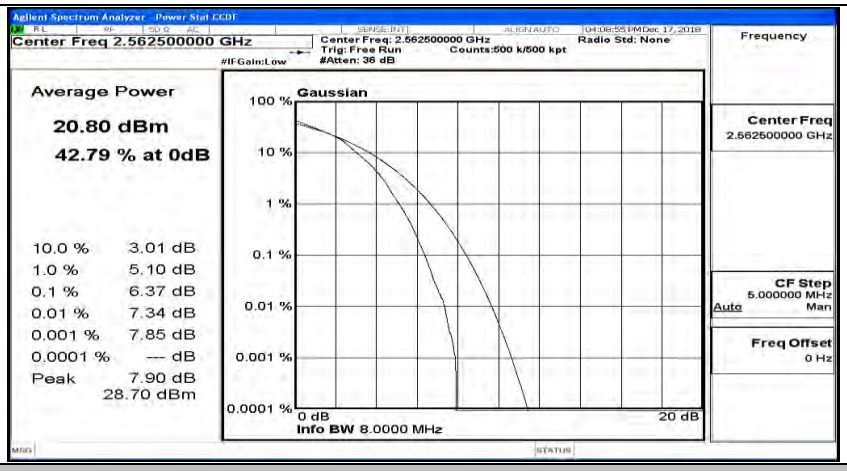
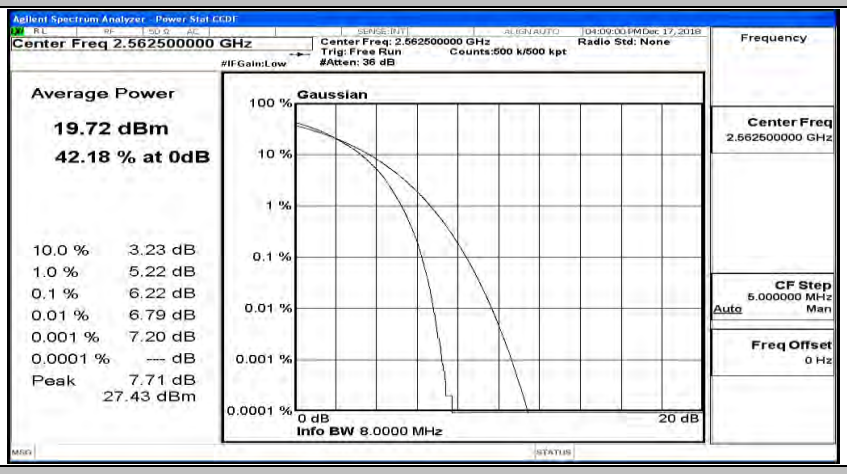


(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



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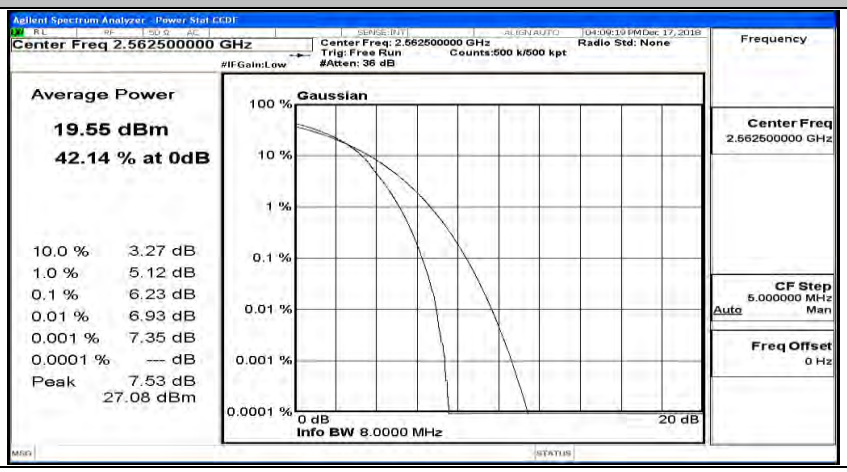
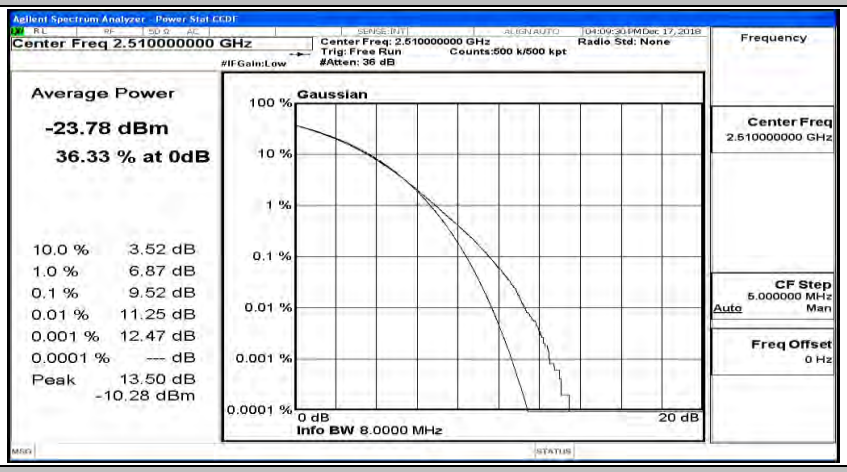
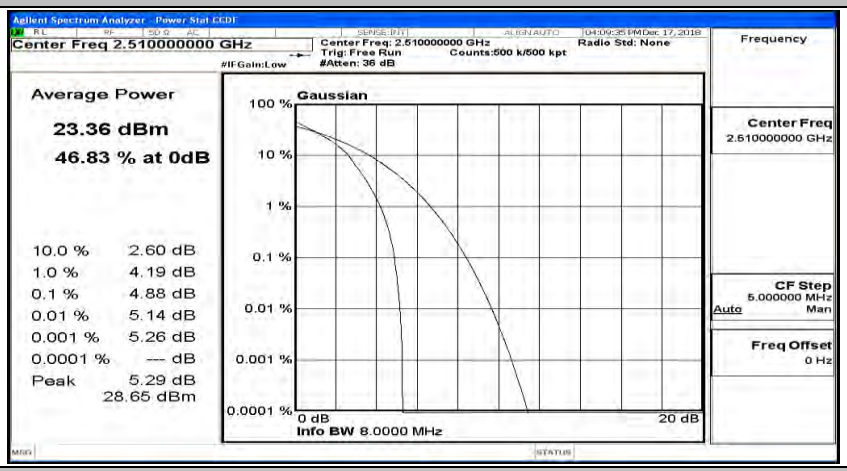


Channel Bandwidth: 20 MHz

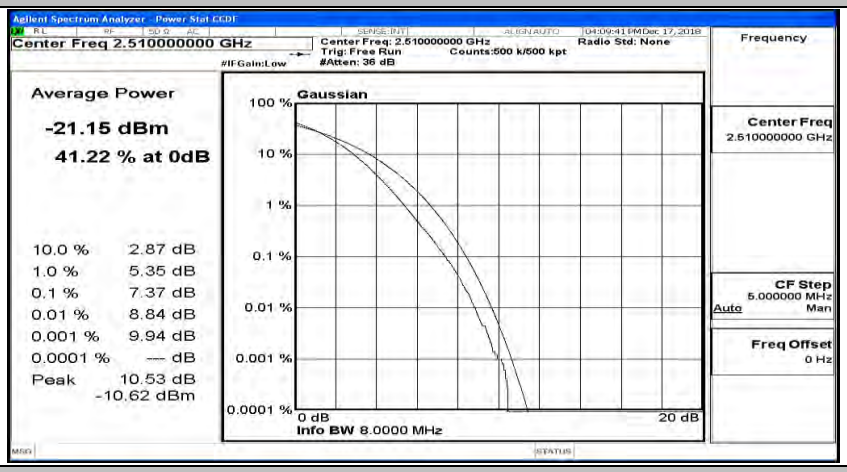
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



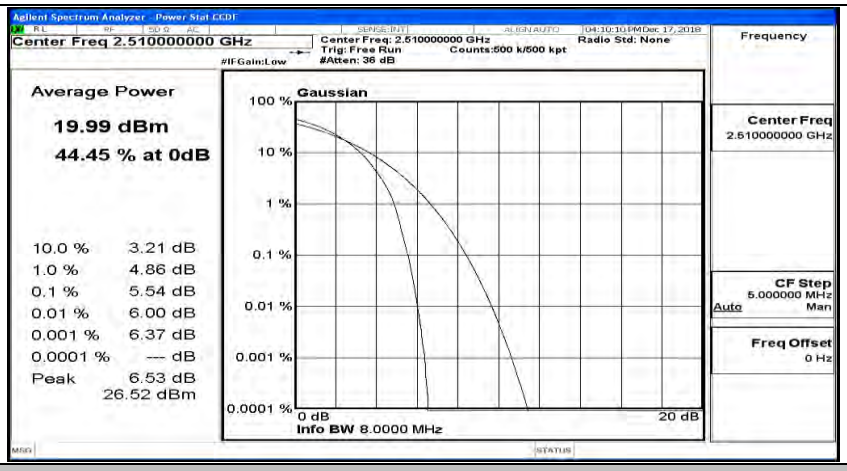
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



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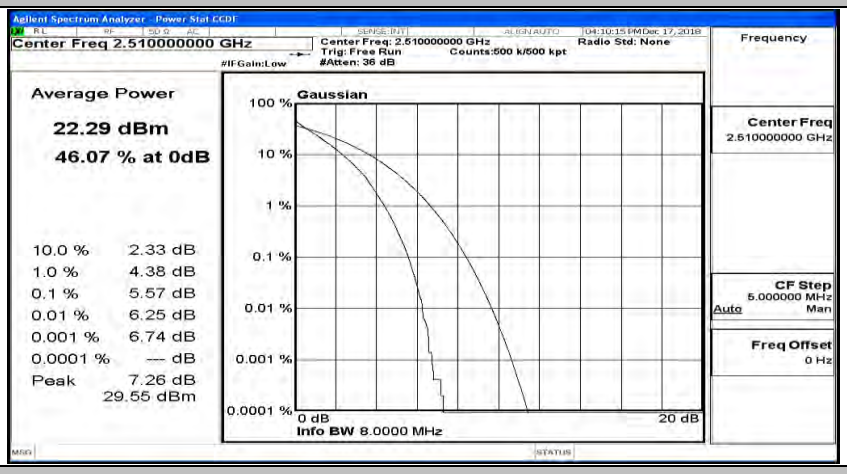
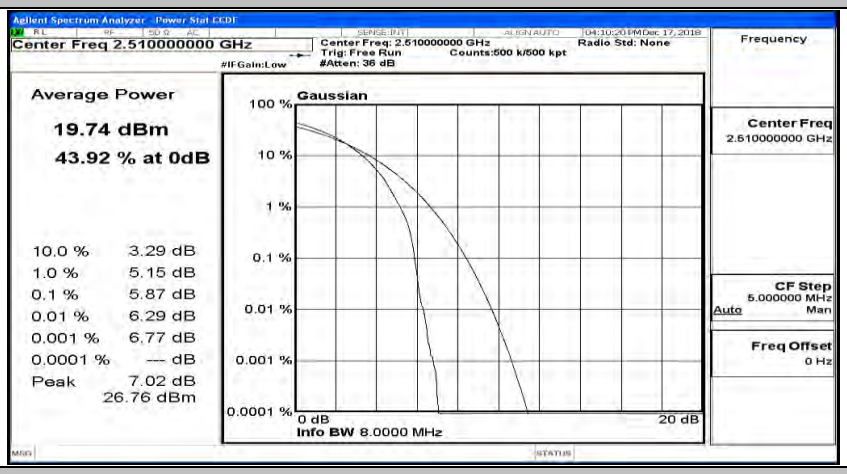
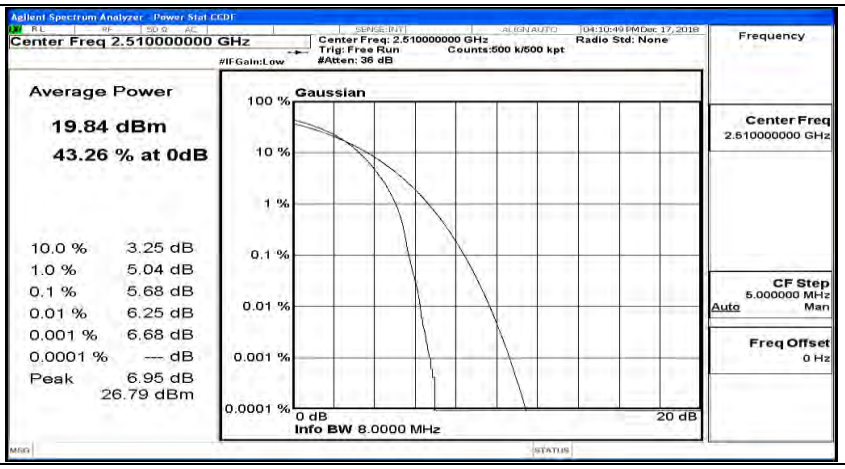


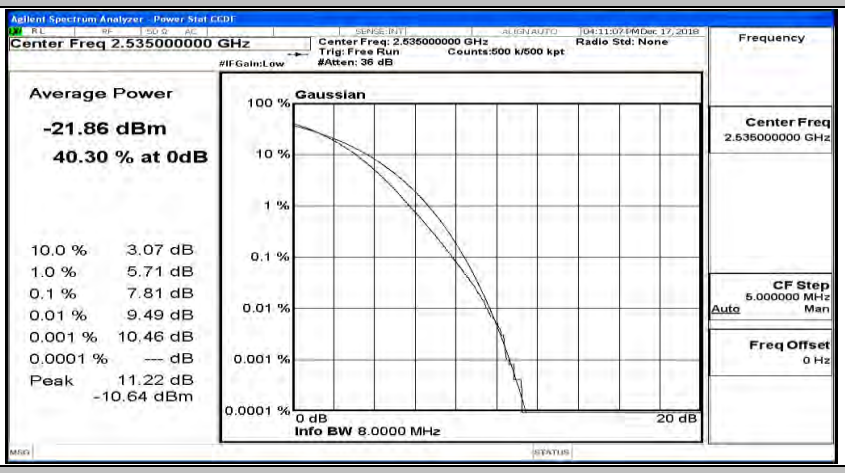
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



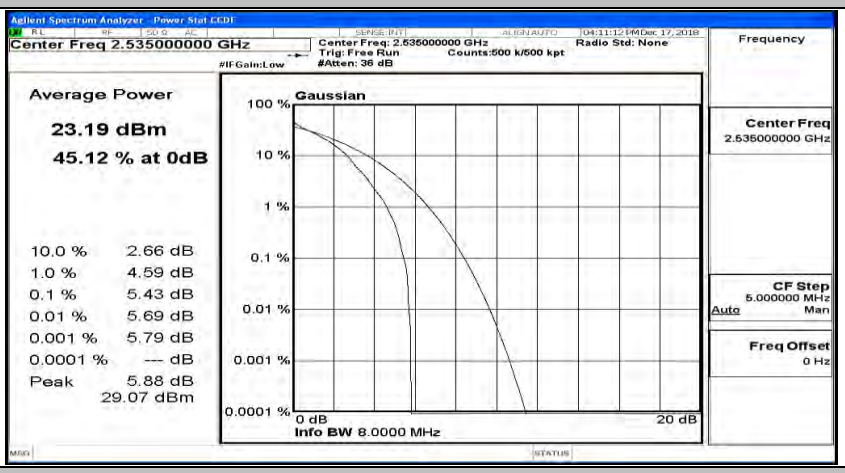
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



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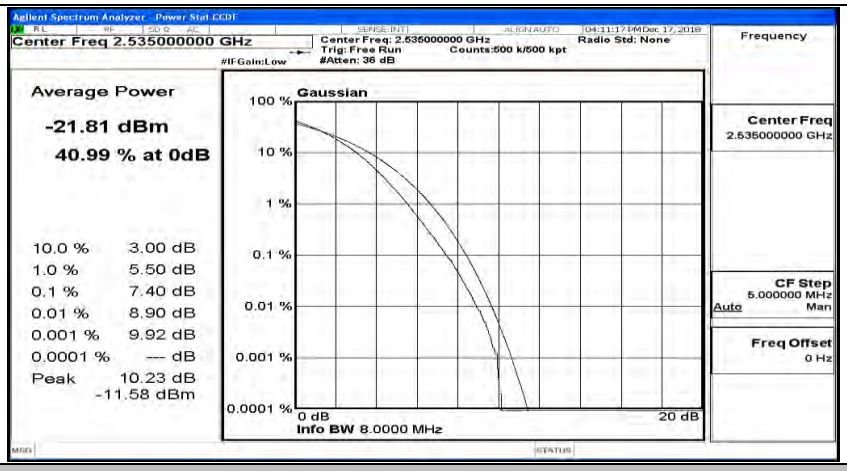
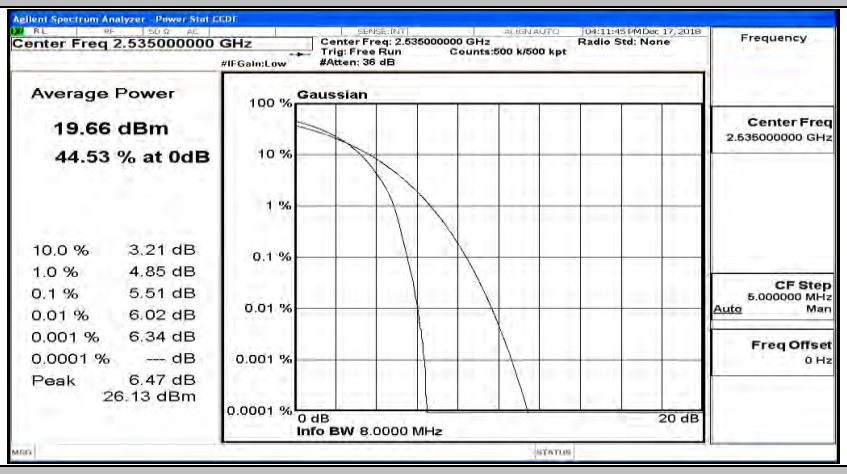
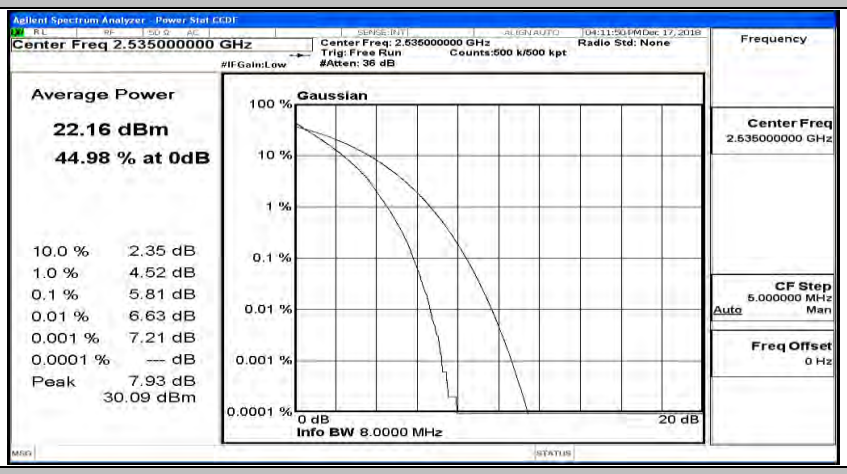


(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



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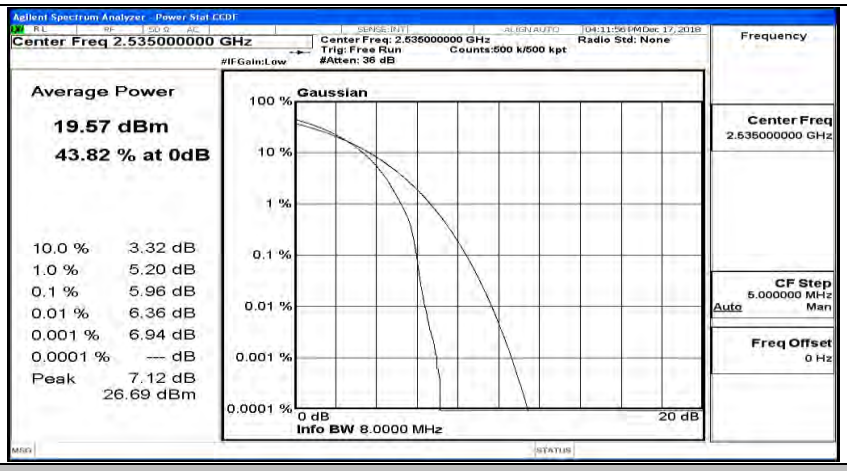
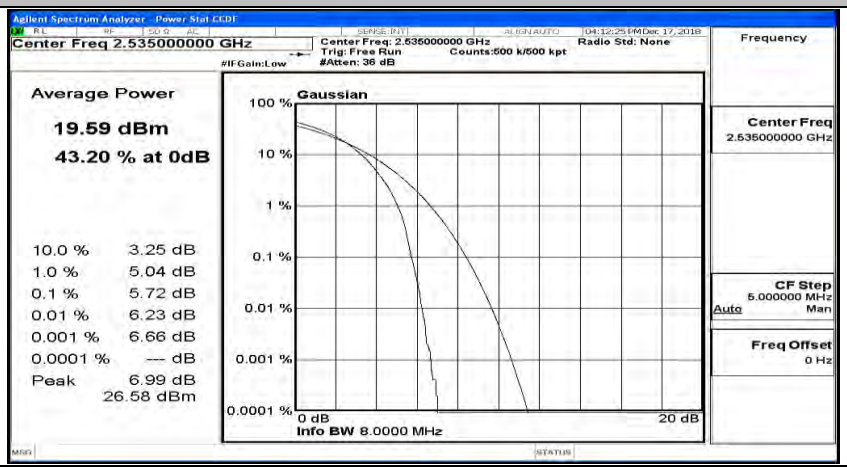


(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



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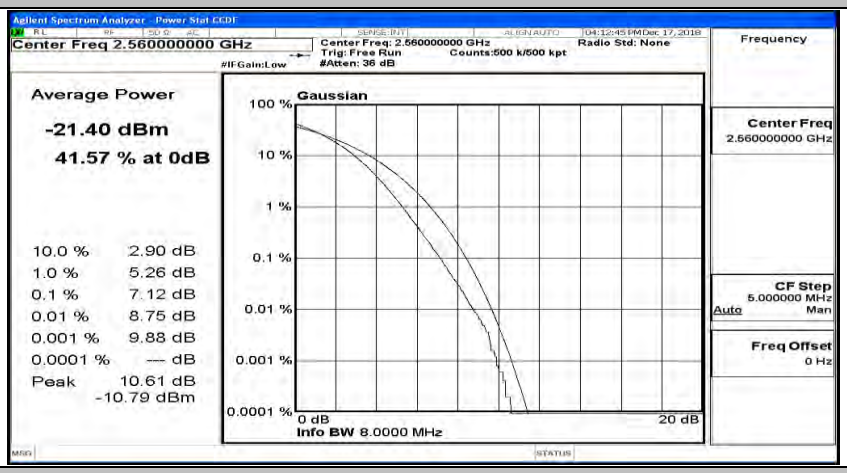

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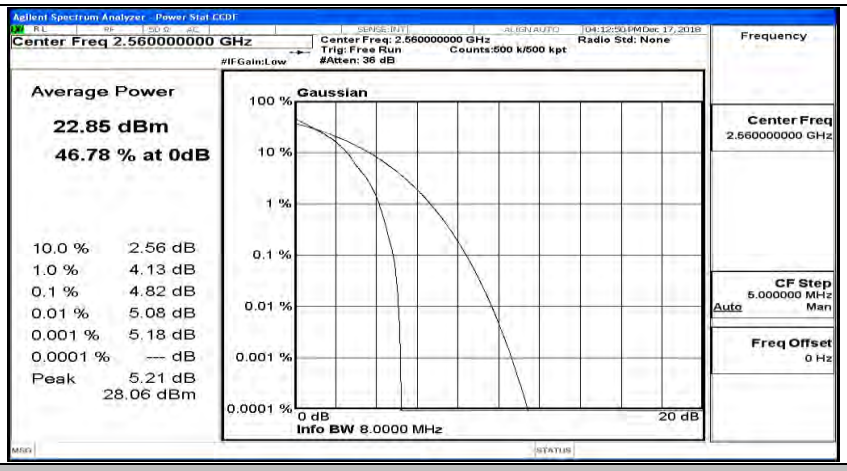

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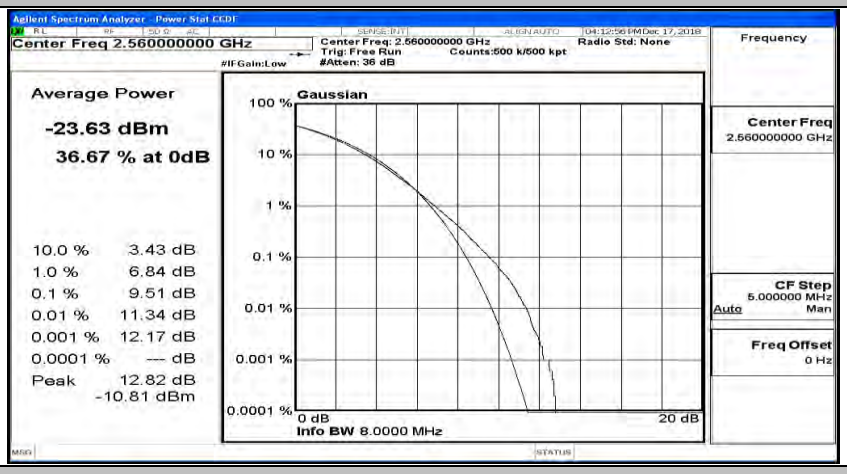

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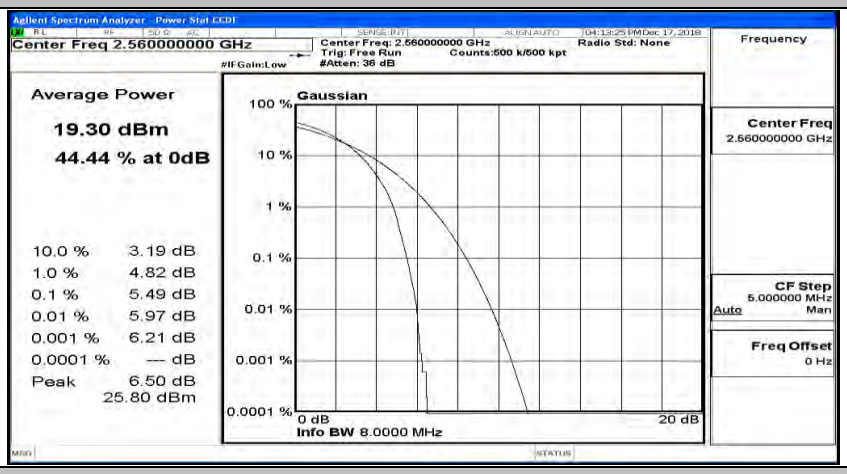

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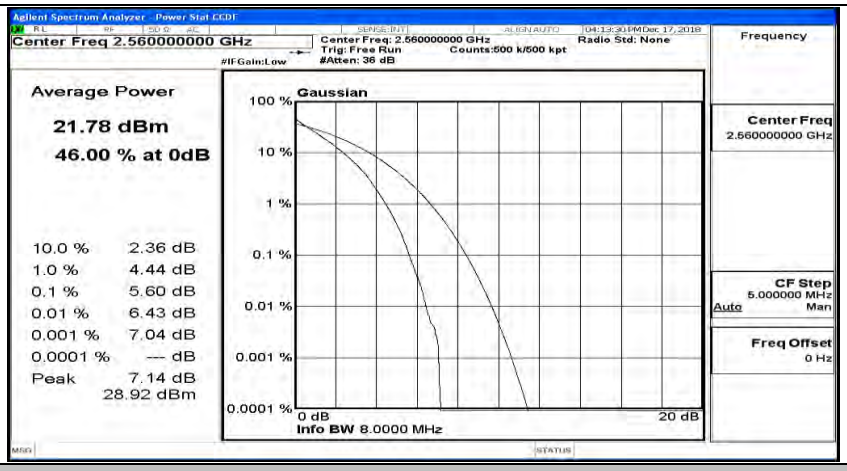

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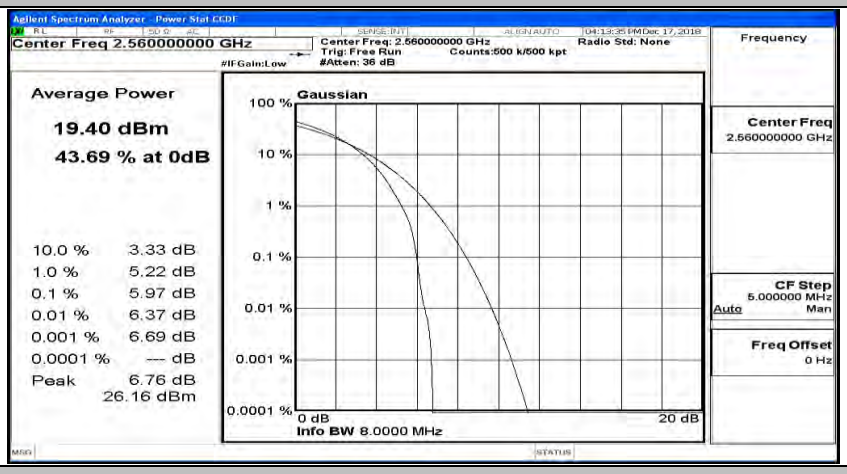
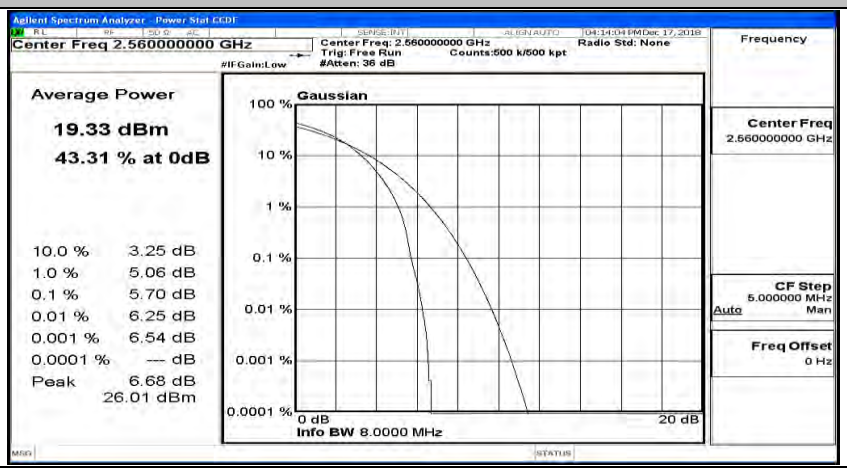


(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



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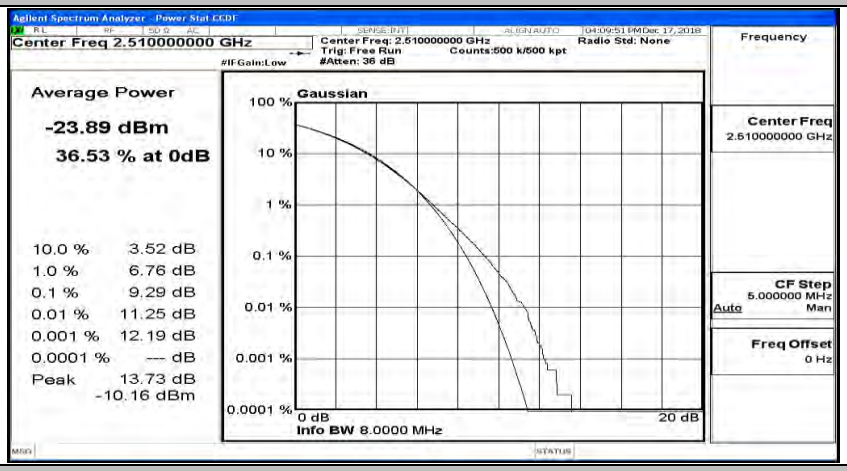

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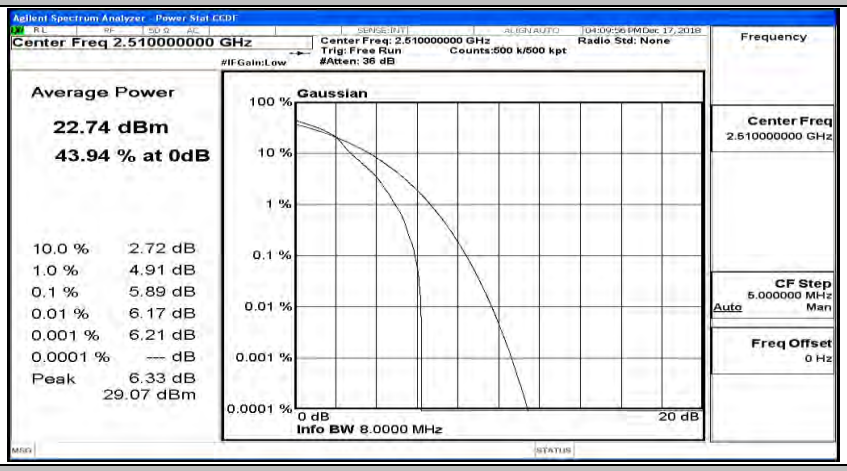

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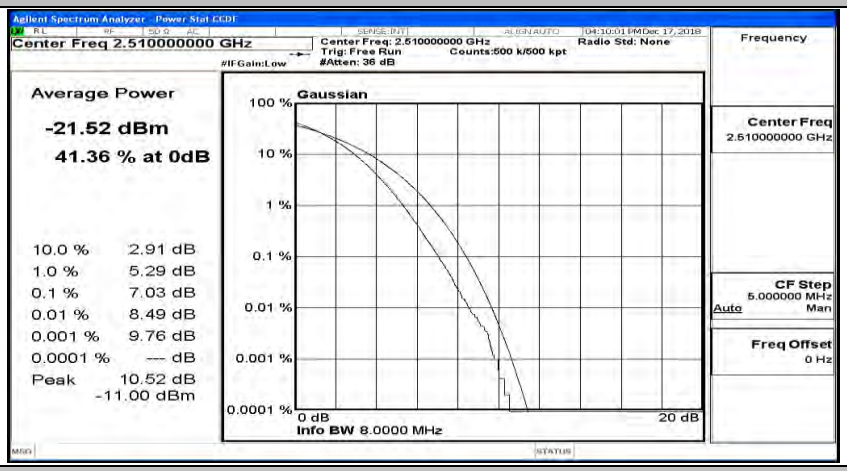

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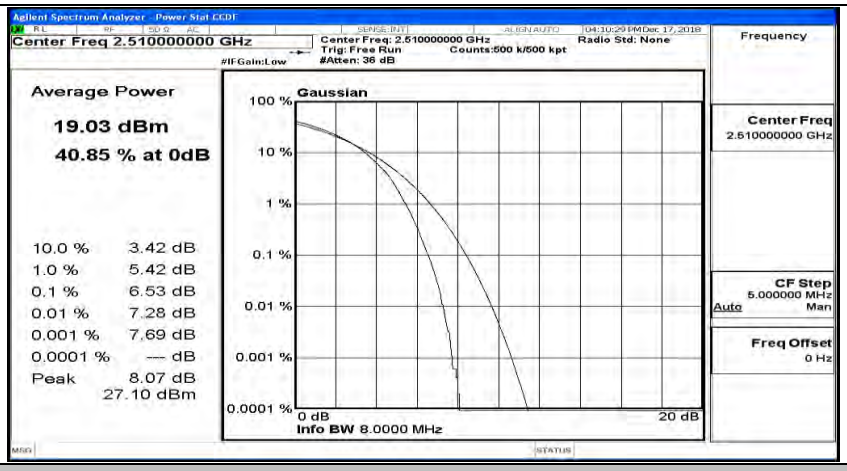

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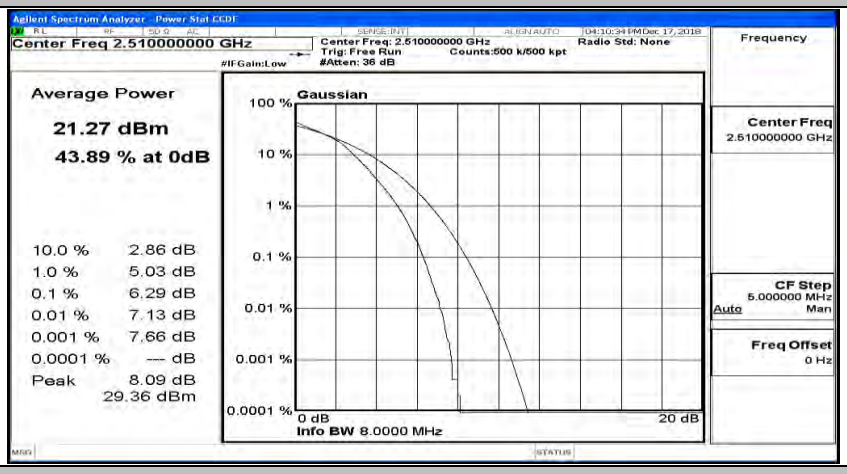

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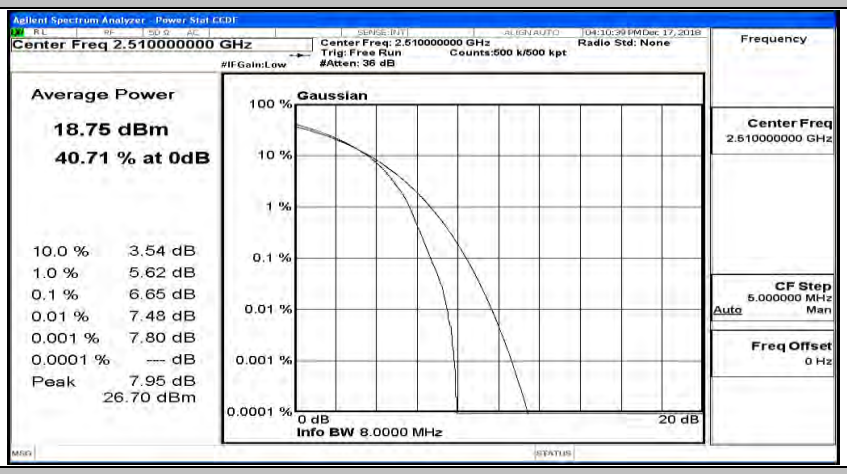

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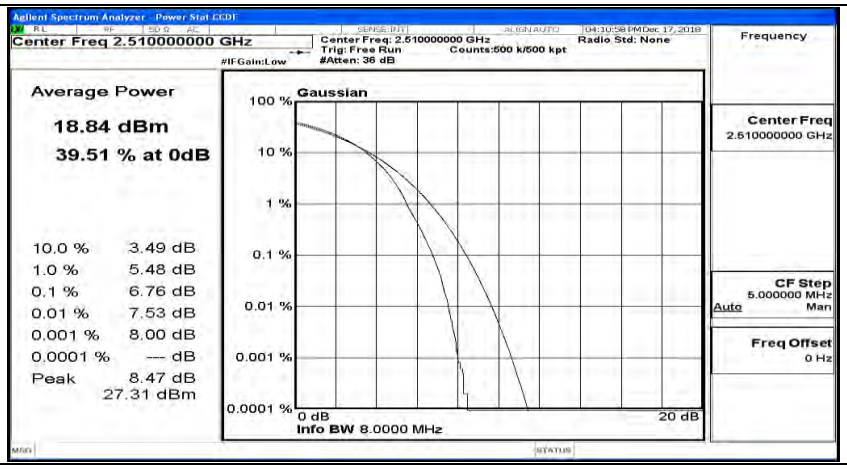
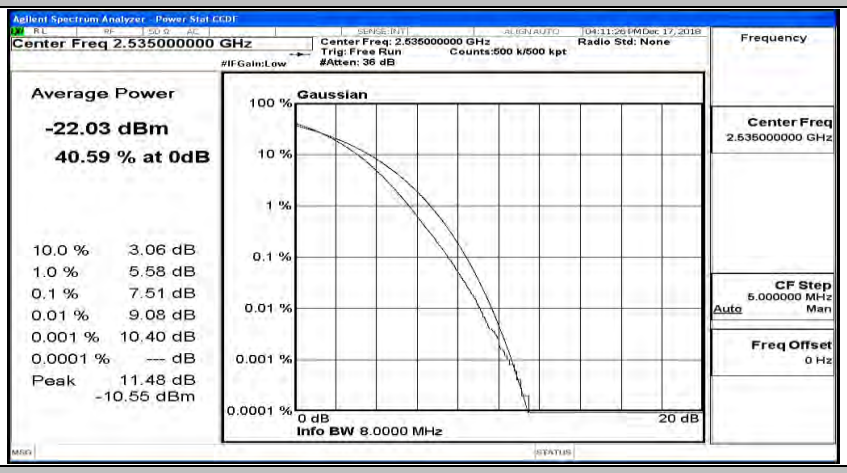


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



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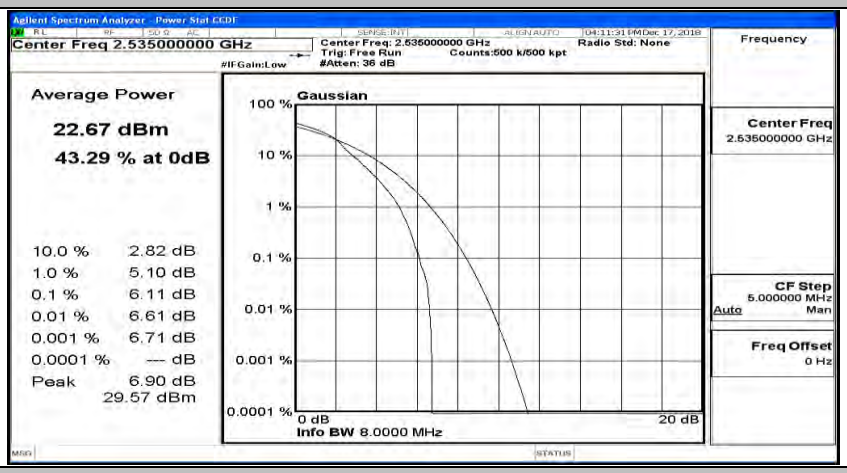

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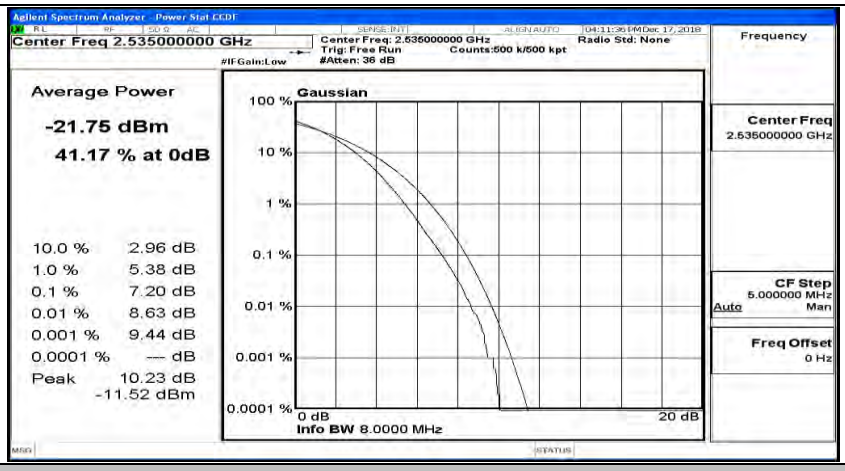

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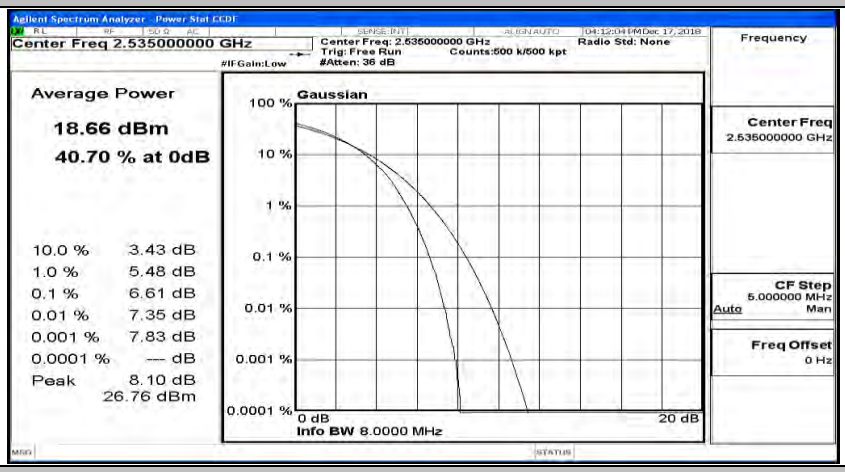
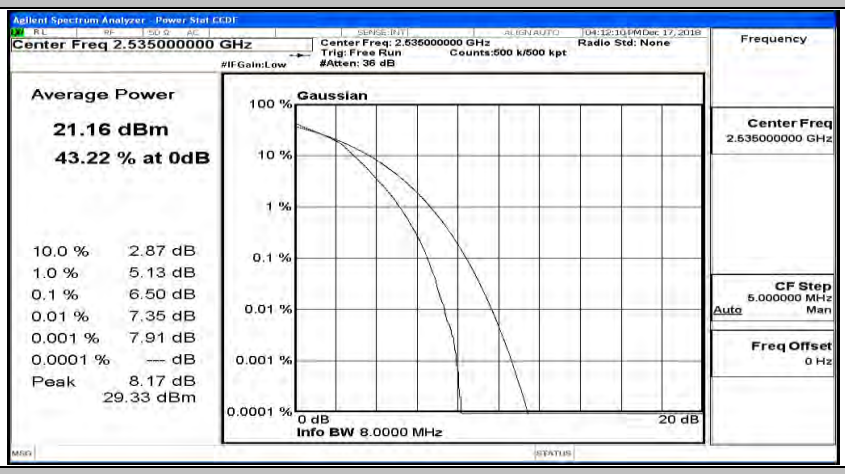


(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



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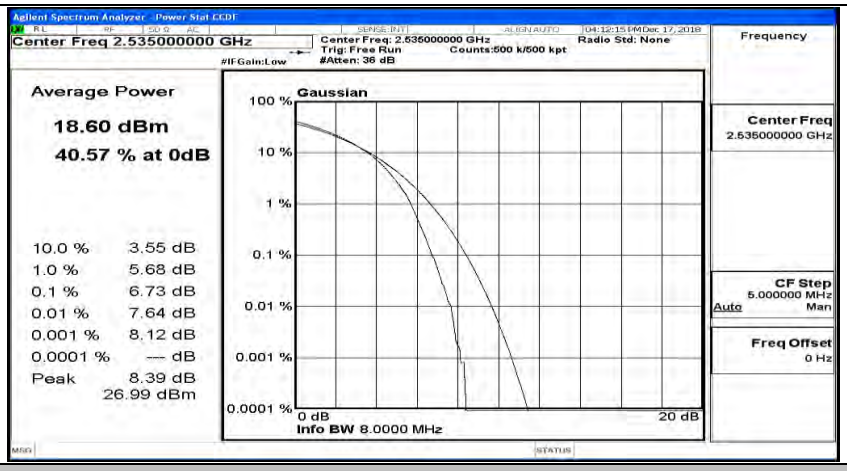

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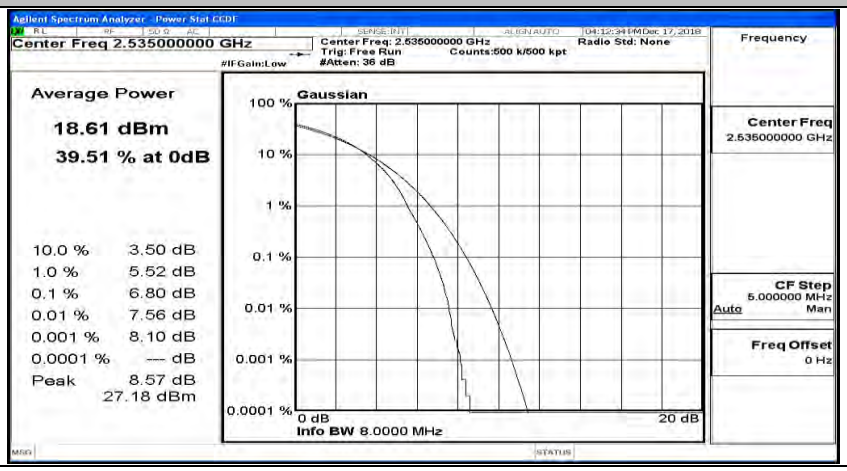
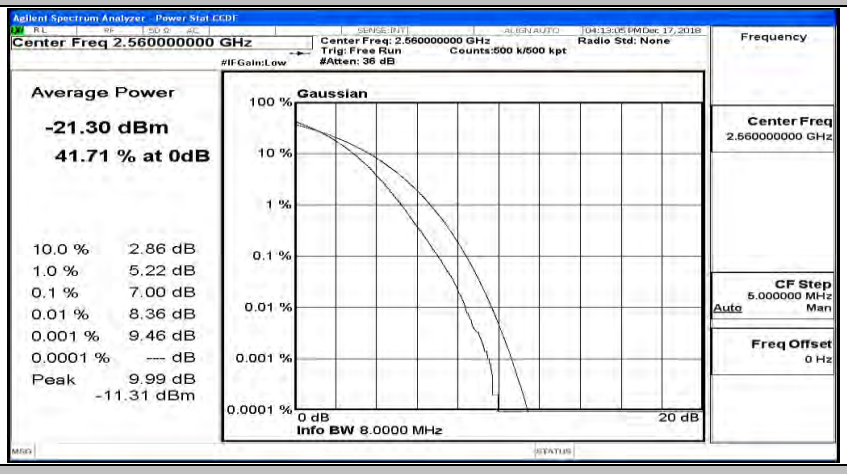
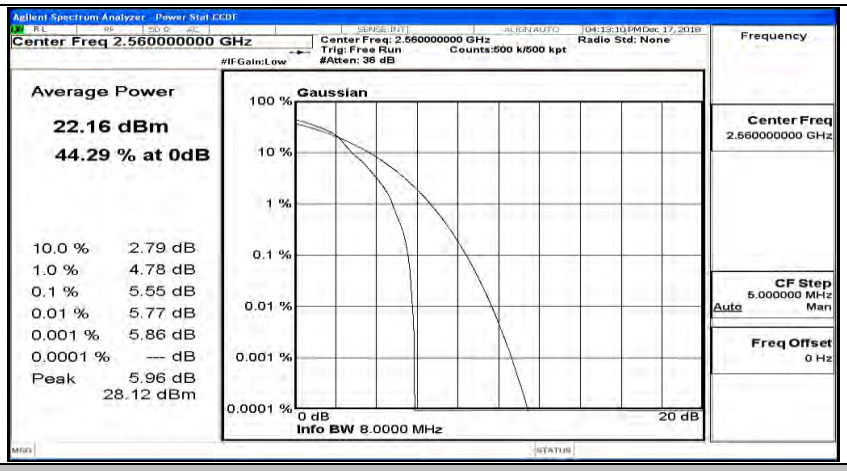


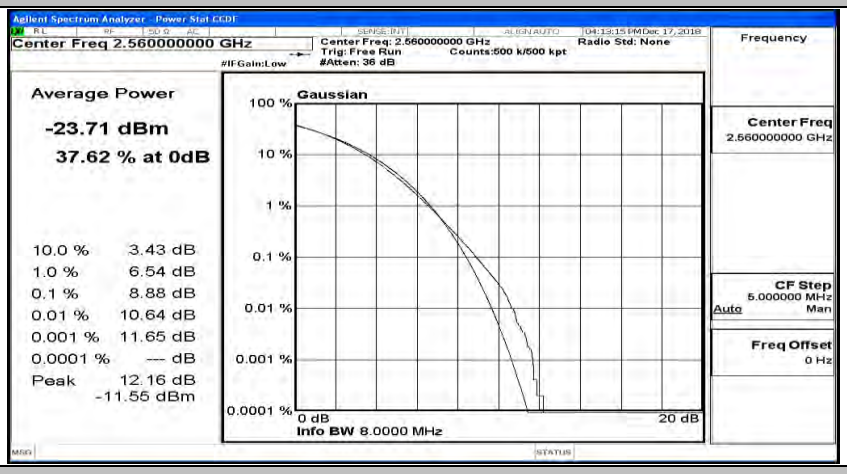
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



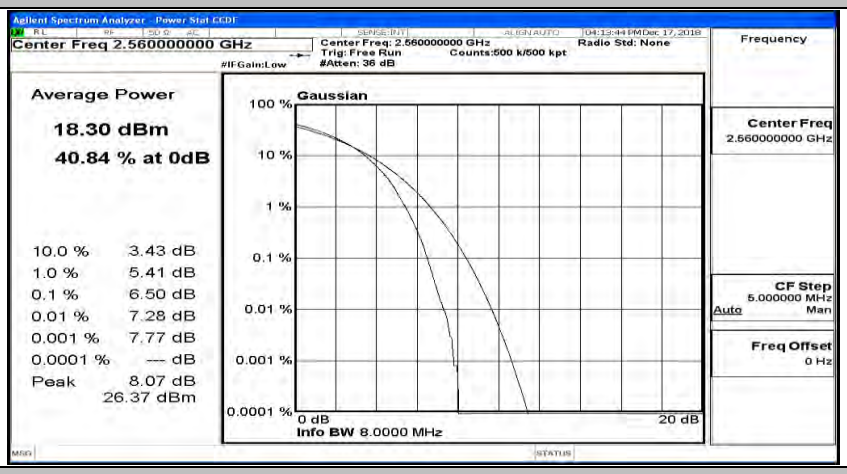
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



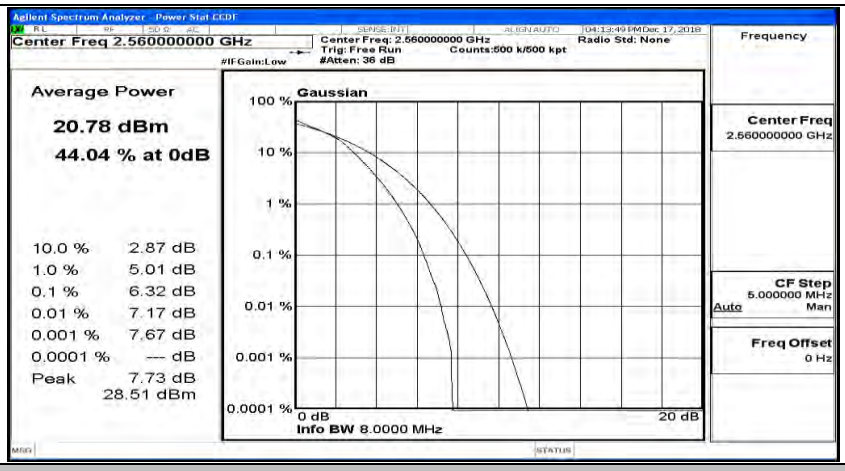
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0

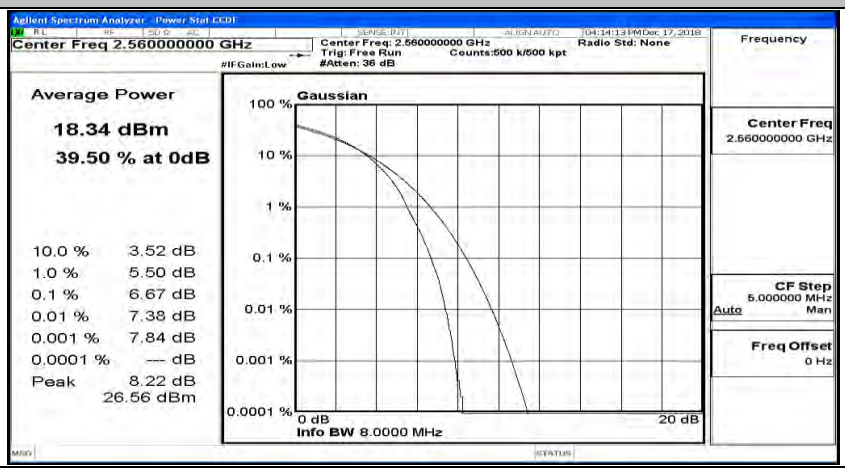


(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.33497	0.5118	PASS
		1	12	0.35073	0.5857	PASS
		1	24	0.32903	0.5426	PASS
		12	0	2.1816	2.628	PASS
		12	6	2.1783	2.605	PASS
		12	13	2.1723	2.526	PASS
		25	0	4.4887	4.860	PASS
	MCH	1	0	0.32909	0.5542	PASS
		1	12	0.37775	0.6441	PASS
		1	24	0.35756	0.5773	PASS
		12	0	2.1814	2.611	PASS
		12	6	2.1794	2.653	PASS
		12	13	2.1802	2.587	PASS
		25	0	4.4767	4.923	PASS
	HCH	1	0	0.35028	0.5181	PASS
		1	12	0.36171	0.5825	PASS
		1	24	0.32920	0.5300	PASS
		12	0	2.1808	2.565	PASS
		12	6	2.1779	2.556	PASS
		12	13	2.1787	2.607	PASS
		25	0	4.4742	4.840	PASS
16QAM	LCH	1	0	0.33849	0.5504	PASS
		1	12	0.36095	0.5689	PASS
		1	24	0.34911	0.6034	PASS
		12	0	2.1789	2.570	PASS
		12	6	2.1772	2.637	PASS
		12	13	2.1730	2.580	PASS
		25	0	4.4770	4.848	PASS
	MCH	1	0	0.35721	0.6150	PASS
		1	12	0.37063	0.5670	PASS
		1	24	0.33692	0.5253	PASS
		12	0	2.1783	2.553	PASS
		12	6	2.1808	2.562	PASS
		12	13	2.1806	2.562	PASS
		25	0	4.4828	4.947	PASS

	HCH	1	0	0.34612	0.5457	PASS
		1	12	0.37531	0.6369	PASS
		1	24	0.34675	0.5866	PASS
		12	0	2.1756	2.553	PASS
		12	6	2.1780	2.596	PASS
		12	13	2.1795	2.594	PASS
		25	0	4.4835	4.889	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.42406	0.6733	PASS
		1	25	0.42483	0.6403	PASS
		1	49	0.44626	0.6720	PASS
		25	0	4.5214	5.007	PASS
		25	12	4.5134	5.062	PASS
		25	25	4.5107	5.048	PASS
		50	0	8.9368	9.565	PASS
	MCH	1	0	0.41284	0.6546	PASS
		1	25	0.43064	0.6881	PASS
		1	49	0.43270	0.6886	PASS
		25	0	4.5271	4.984	PASS
		25	12	4.5180	5.010	PASS
		25	25	4.5143	5.011	PASS
		50	0	8.9407	9.578	PASS
	HCH	1	0	0.42520	0.6628	PASS
		1	25	0.44962	0.7078	PASS
		1	49	0.42505	0.6640	PASS
		25	0	4.5096	5.013	PASS
		25	12	4.5202	5.053	PASS
		25	25	4.5203	5.018	PASS
		50	0	8.9440	9.468	PASS
16QAM	LCH	1	0	0.43696	0.6945	PASS
		1	25	0.44002	0.6865	PASS
		1	49	0.45733	0.6762	PASS
		25	0	4.5103	4.999	PASS
		25	12	4.5098	5.034	PASS
		25	25	4.5081	4.946	PASS
		50	0	8.9423	9.511	PASS
	MCH	1	0	0.44024	0.6712	PASS
		1	25	0.46536	0.6959	PASS
		1	49	0.45244	0.6567	PASS

		25	0	4.5195	5.009	PASS
		25	12	4.5074	5.061	PASS
		25	25	4.5095	4.985	PASS
		50	0	8.9512	9.500	PASS
	HCH	1	0	0.44338	0.7327	PASS
		1	25	0.44360	0.6876	PASS
		1	49	0.44081	0.7071	PASS
		25	0	4.5183	5.051	PASS
		25	12	4.5184	5.145	PASS
		25	25	4.5092	5.090	PASS
		50	0	8.9478	9.459	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.53730	0.8002	PASS
		1	37	0.54490	0.7690	PASS
		1	74	0.50967	0.7380	PASS
		37	0	6.4980	7.118	PASS
		37	18	6.4832	7.097	PASS
		37	38	6.4867	7.136	PASS
		75	0	13.423	14.10	PASS
	MCH	1	0	0.52860	0.7784	PASS
		1	37	0.53626	0.8607	PASS
		1	74	0.52757	0.7829	PASS
		37	0	6.4972	7.172	PASS
		37	18	6.4956	7.126	PASS
		37	38	6.5010	7.130	PASS
		75	0	13.420	14.10	PASS
	HCH	1	0	0.53681	0.8119	PASS
		1	37	0.54769	0.8108	PASS
		1	74	0.52897	0.7983	PASS
		37	0	6.4828	7.157	PASS
		37	18	6.4921	7.103	PASS
		37	38	6.4951	7.146	PASS
		75	0	13.388	14.02	PASS
16QAM	LCH	1	0	0.53511	0.8137	PASS
		1	37	0.52469	0.8134	PASS
		1	74	0.52766	0.8117	PASS
		37	0	6.4837	7.181	PASS
		37	18	6.4898	7.176	PASS

		37	38	6.4942	7.191	PASS
		75	0	13.409	14.10	PASS
	MCH	1	0	0.53356	0.7959	PASS
		1	37	0.53843	0.7779	PASS
		1	74	0.51947	0.7415	PASS
		37	0	6.4914	7.174	PASS
		37	18	6.4893	7.229	PASS
		37	38	6.4930	7.137	PASS
		75	0	13.420	14.22	PASS
	HCH	1	0	0.53206	0.8561	PASS
		1	37	0.53094	0.7570	PASS
		1	74	0.53374	0.7751	PASS
		37	0	6.4946	7.126	PASS
		37	18	6.5113	7.169	PASS
		37	38	6.5139	7.139	PASS
		75	0	13.391	14.08	PASS

Channel Bandwidth: 20 MHz

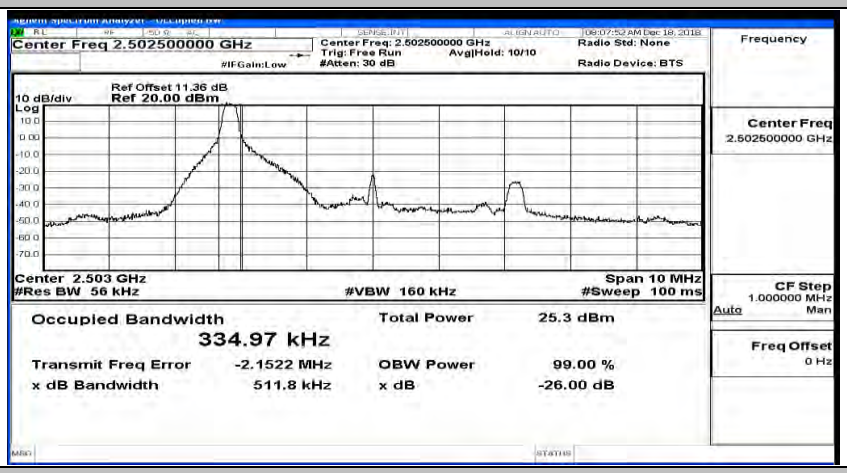
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.60248	0.8374	PASS
		1	50	0.60096	0.8923	PASS
		1	99	0.61076	0.9165	PASS
		50	0	8.9895	9.619	PASS
		50	25	8.9966	9.737	PASS
		50	50	8.9934	9.689	PASS
		100	0	17.838	18.64	PASS
	MCH	1	0	0.60673	0.8749	PASS
		1	50	0.61538	0.8786	PASS
		1	99	0.60020	0.8669	PASS
		50	0	8.9888	9.693	PASS
		50	25	9.0086	9.770	PASS
		50	50	8.9990	9.727	PASS
		100	0	17.872	18.65	PASS
	HCH	1	0	0.60343	0.8626	PASS
		1	50	0.62009	0.8917	PASS
		1	99	0.62836	0.9372	PASS
		50	0	8.9775	9.600	PASS
		50	25	8.9738	9.603	PASS
		50	50	8.9825	9.564	PASS
		100	0	17.851	18.56	PASS

16QAM	LCH	1	0	0.61897	0.9192	PASS
		1	50	0.61199	0.8913	PASS
		1	99	0.60244	0.8629	PASS
		50	0	8.9872	9.618	PASS
		50	25	8.9909	9.708	PASS
		50	50	8.9898	9.735	PASS
		100	0	17.840	18.60	PASS
	MCH	1	0	0.61524	0.9202	PASS
		1	50	0.61136	0.8448	PASS
		1	99	0.59458	0.8444	PASS
		50	0	8.9931	9.648	PASS
		50	25	8.9950	9.777	PASS
		50	50	8.9979	9.751	PASS
		100	0	17.875	18.67	PASS
	HCH	1	0	0.61881	0.9208	PASS
		1	50	0.61360	0.9188	PASS
		1	99	0.58592	0.8580	PASS
		50	0	8.9907	9.754	PASS
		50	25	8.9905	9.820	PASS
		50	50	8.9788	9.690	PASS
		100	0	17.844	18.74	PASS

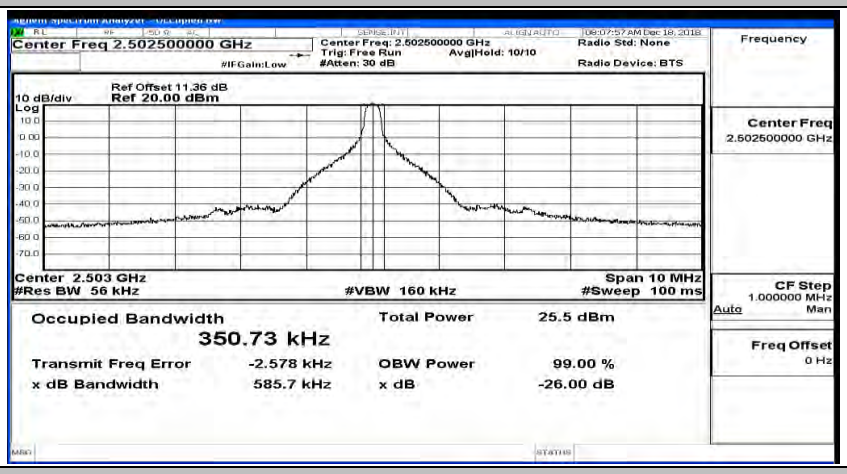
Test Graphs

Channel Bandwidth: 5 MHz

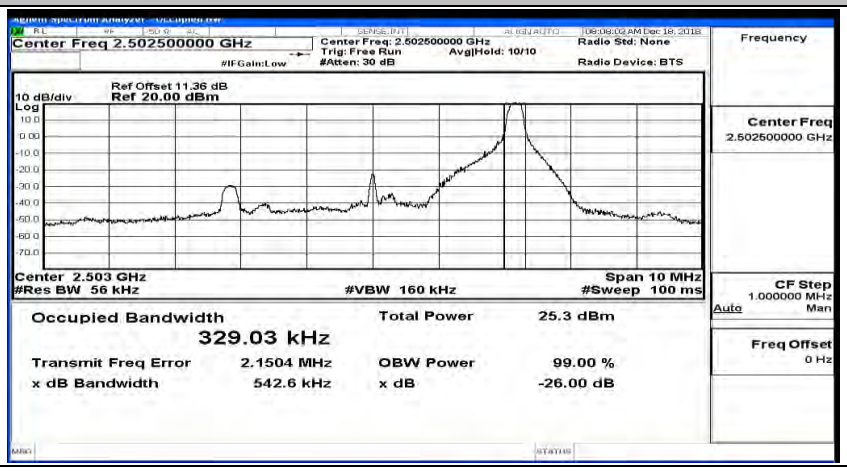
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



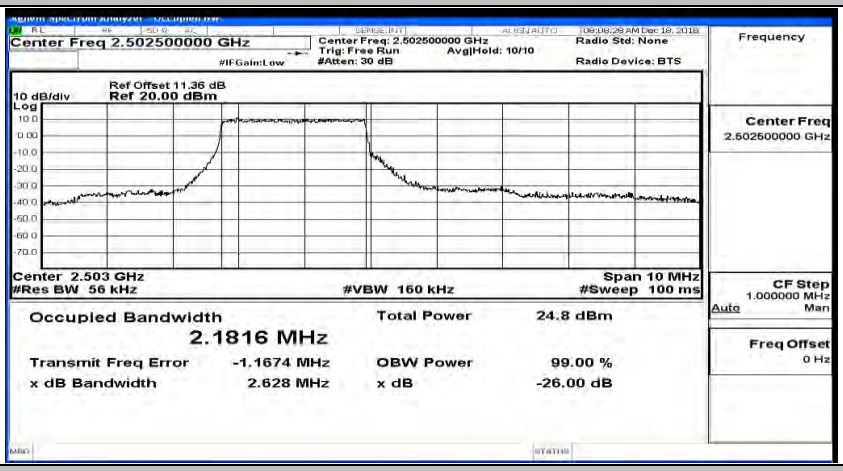
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



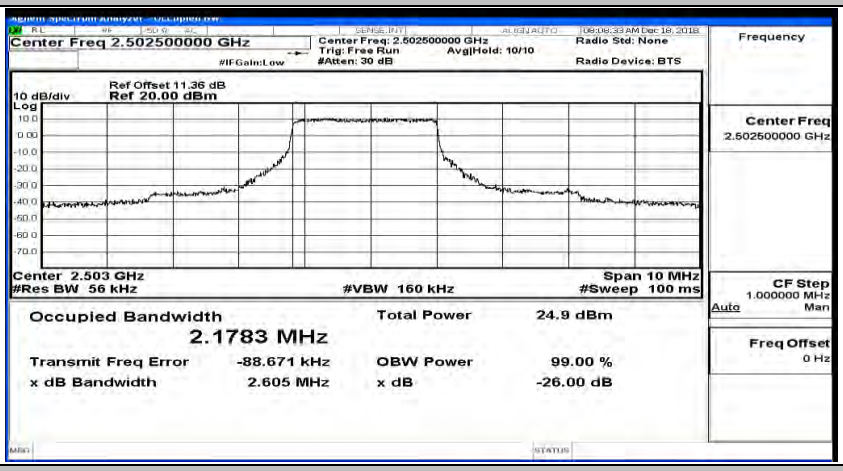
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



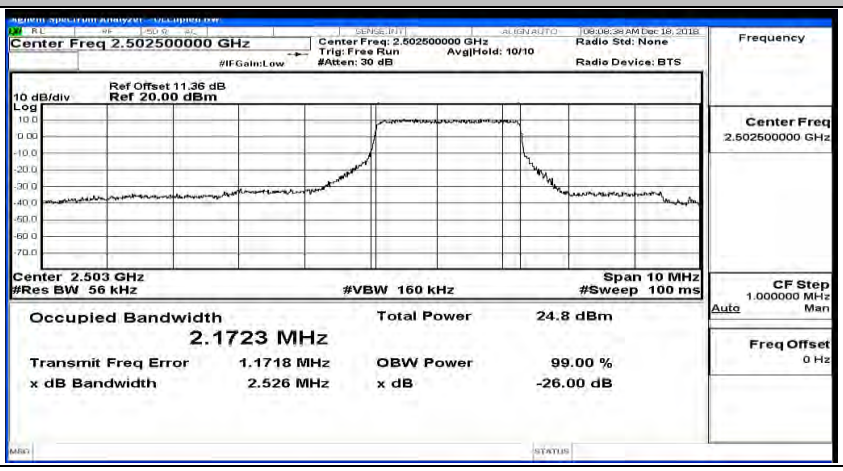
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



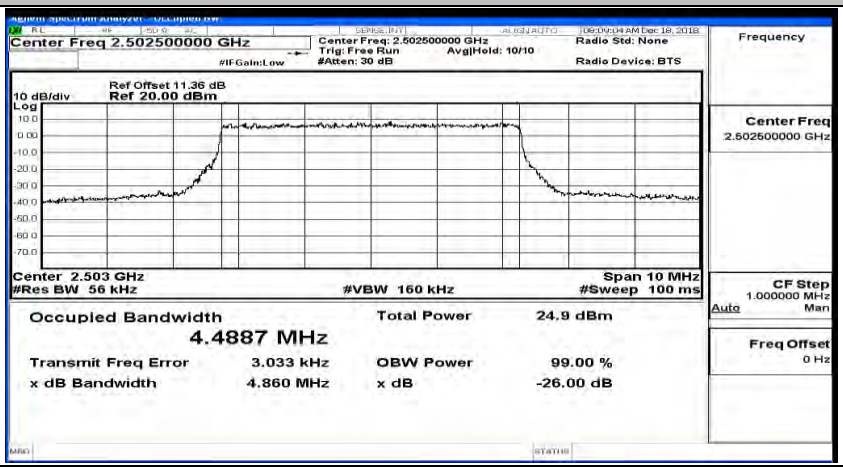
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



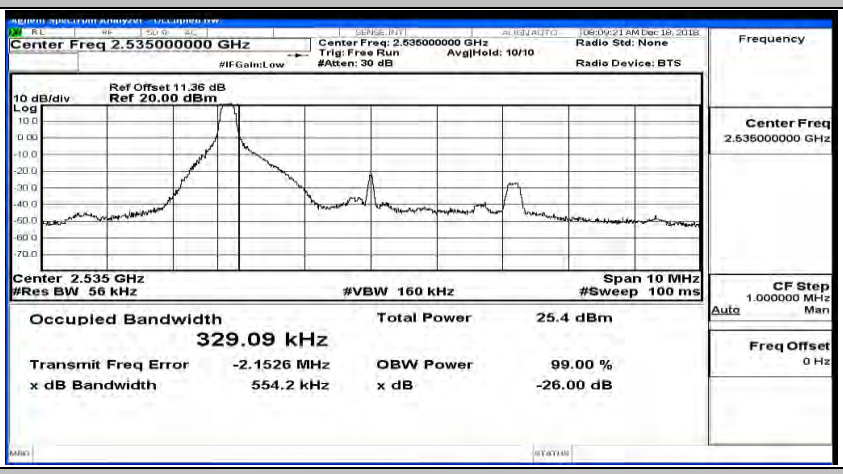
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



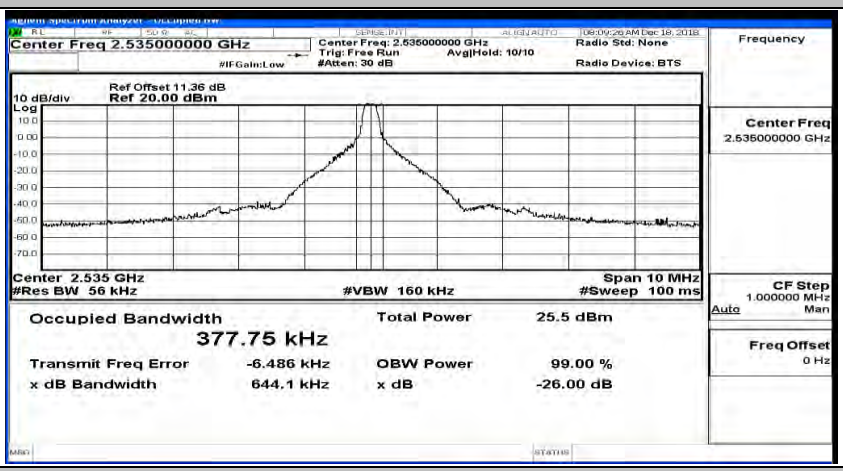
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



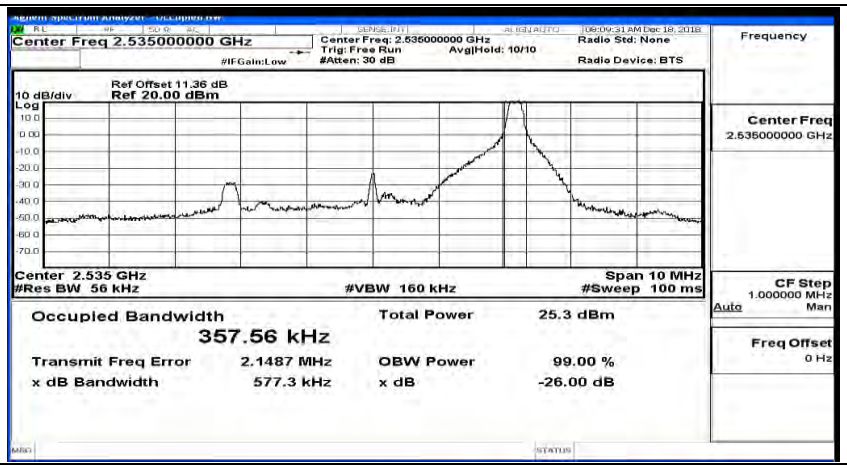
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



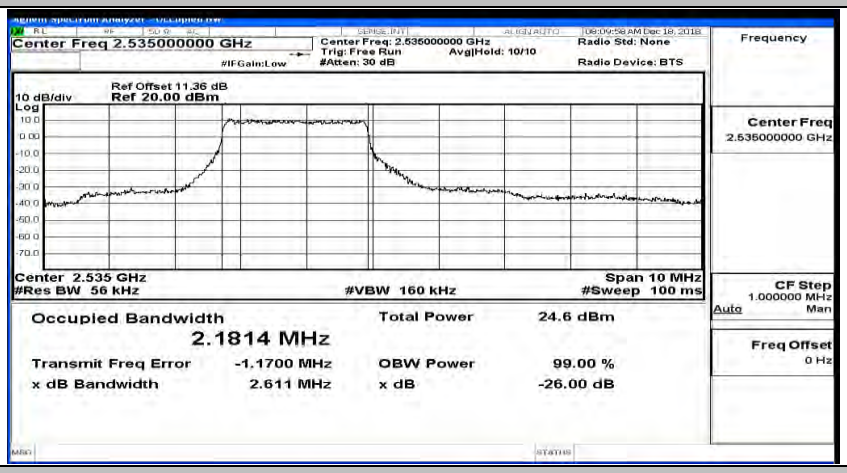
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



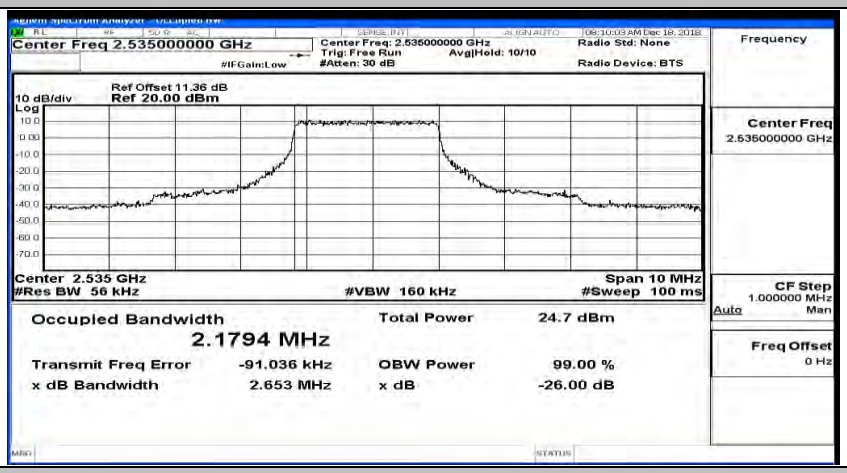
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



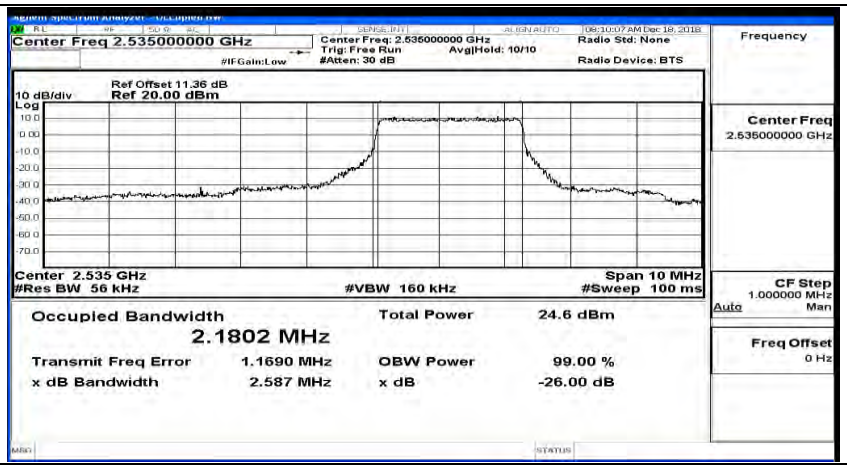
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



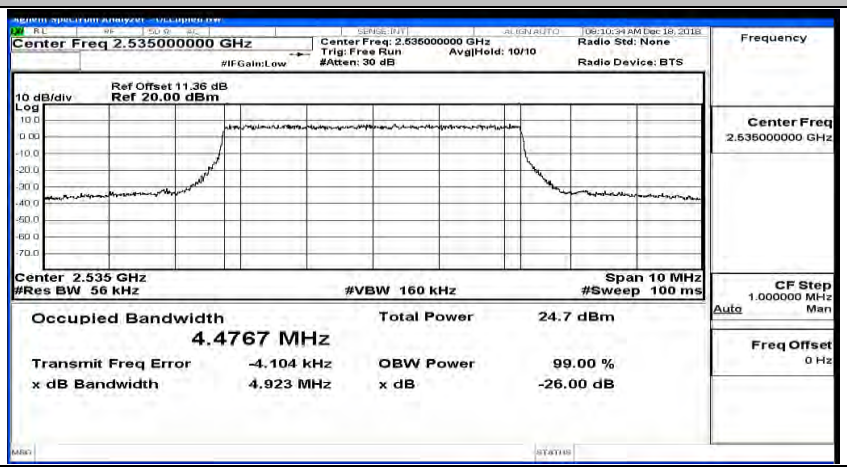
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



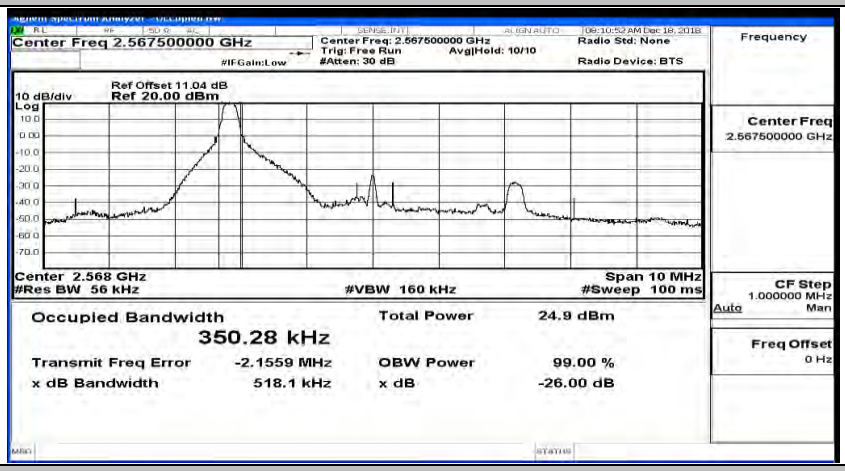
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



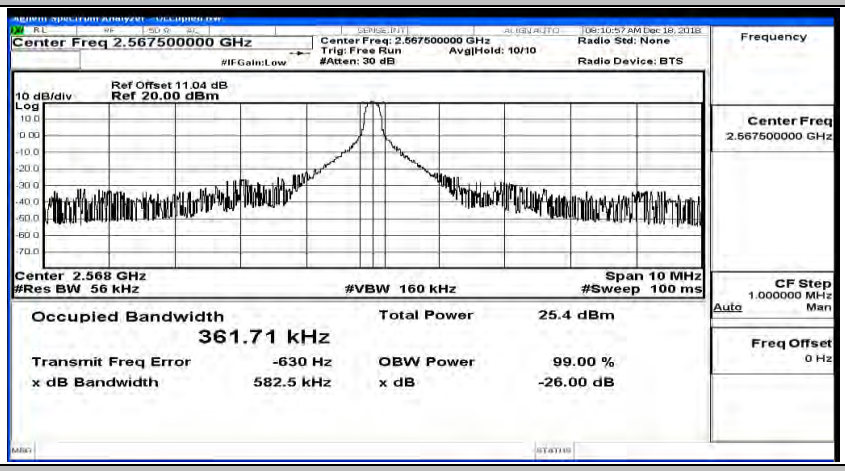
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



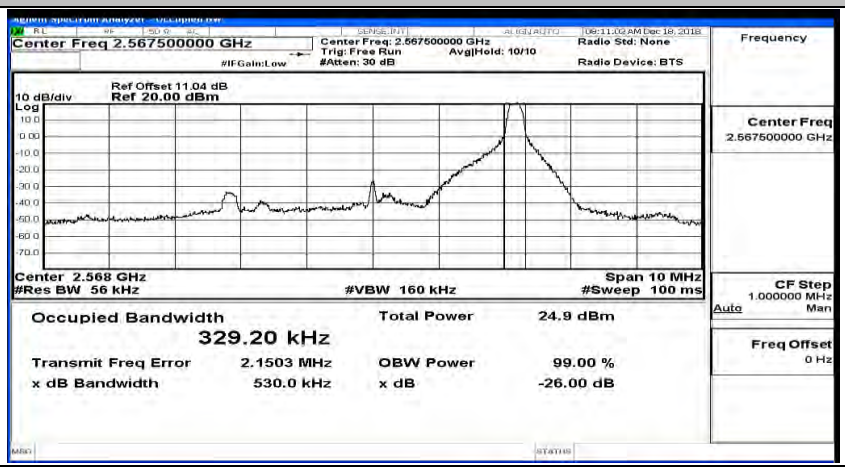
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



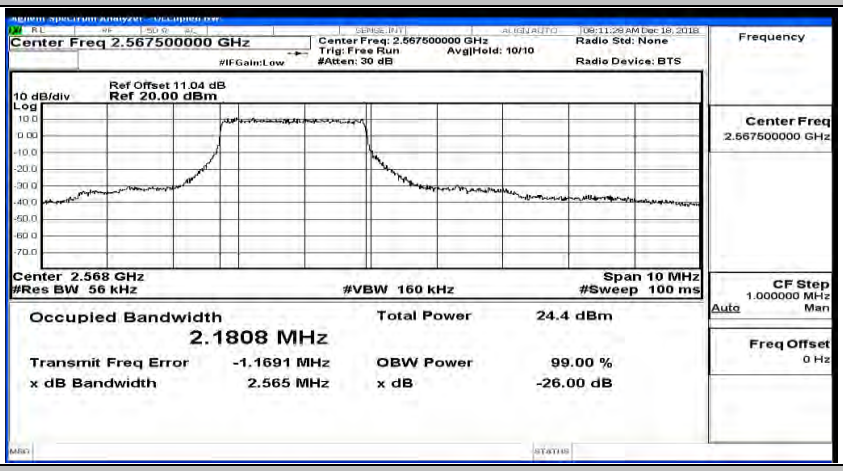
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



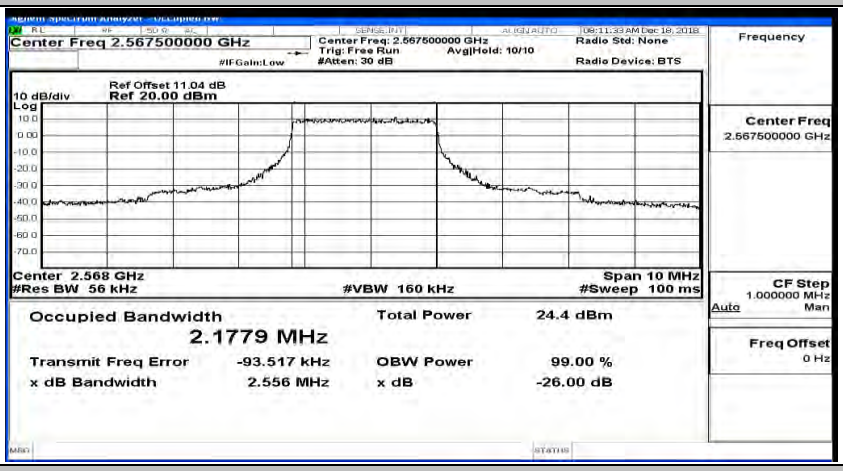
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



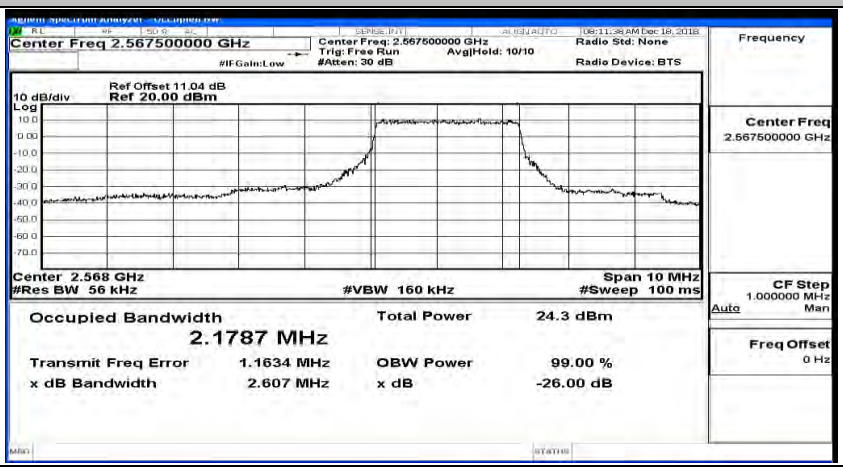
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



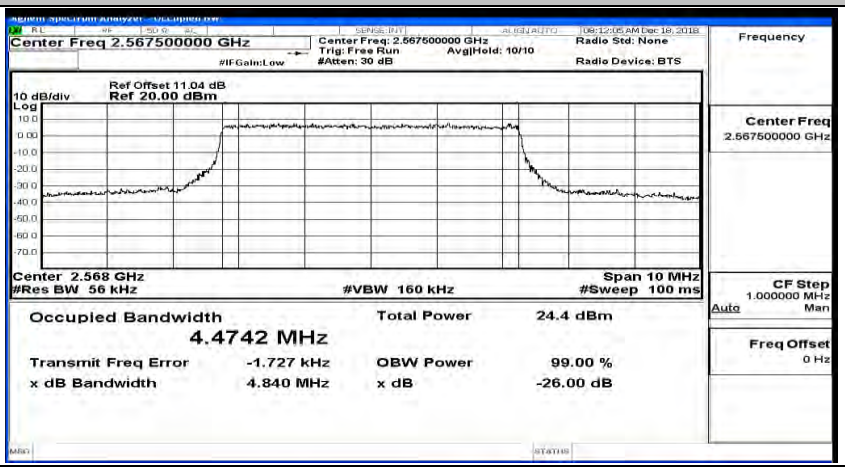
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



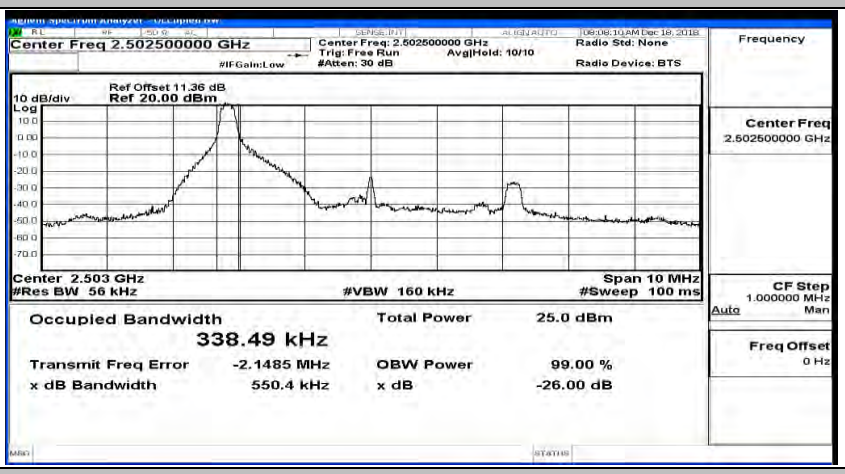
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



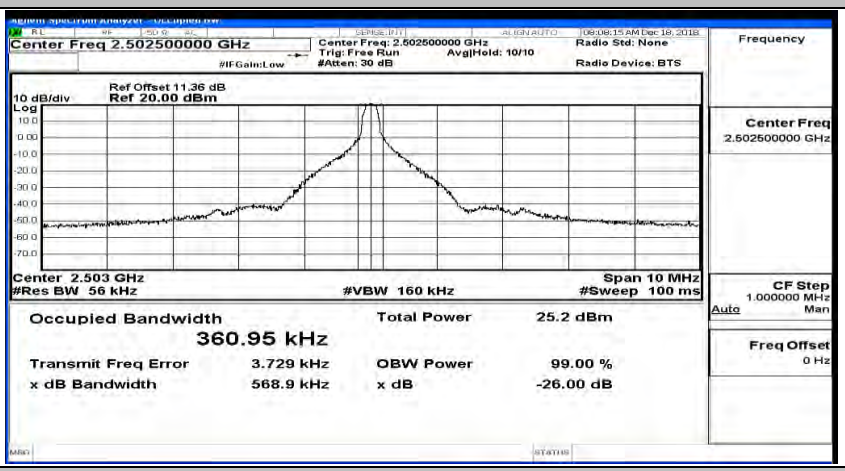
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



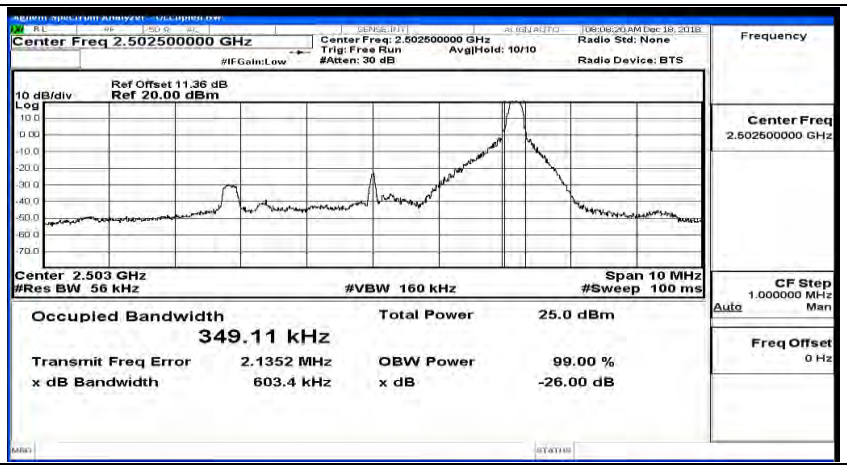
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



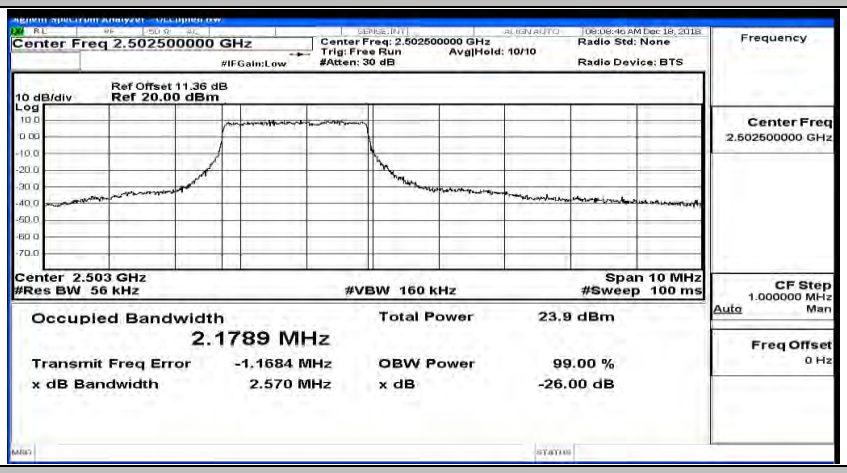
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



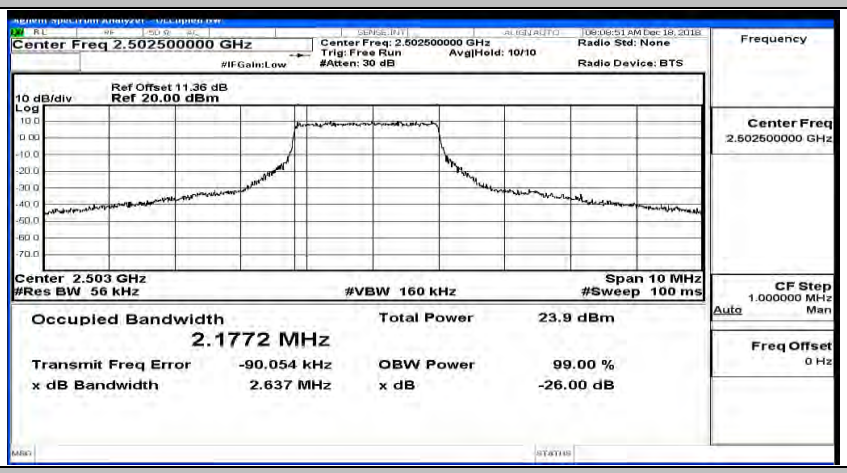
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



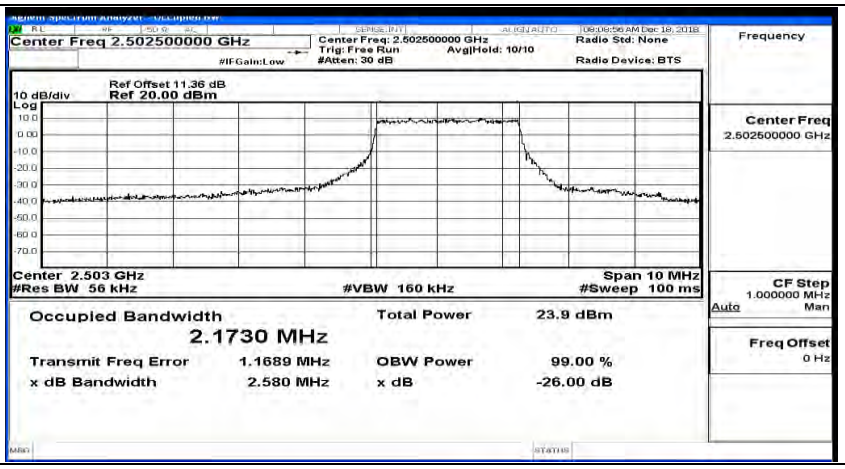
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



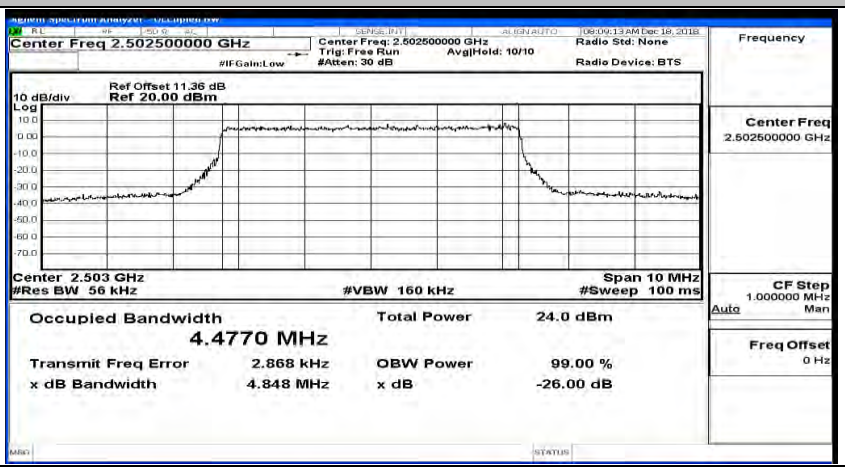
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



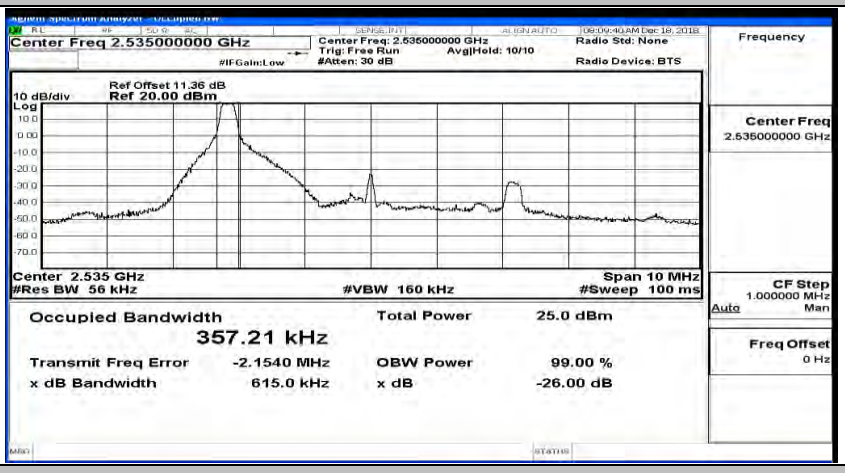
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



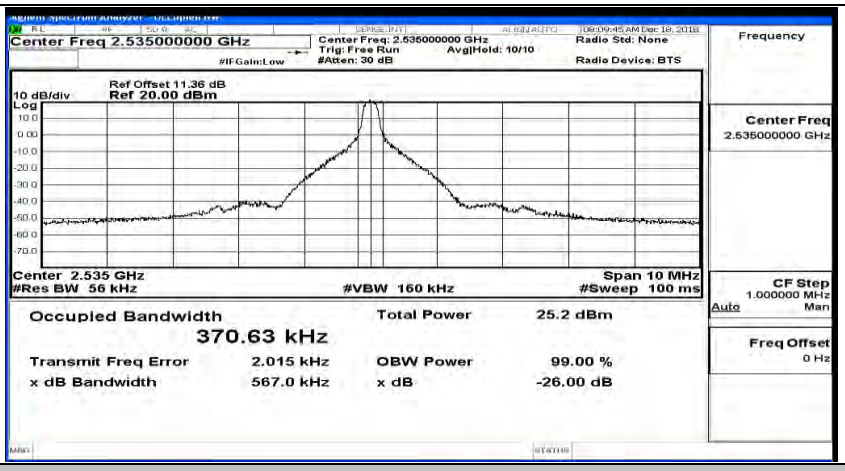
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



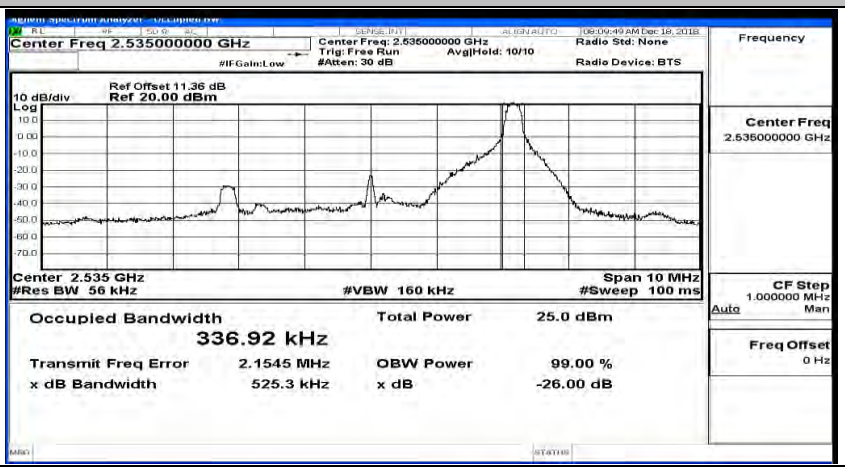
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



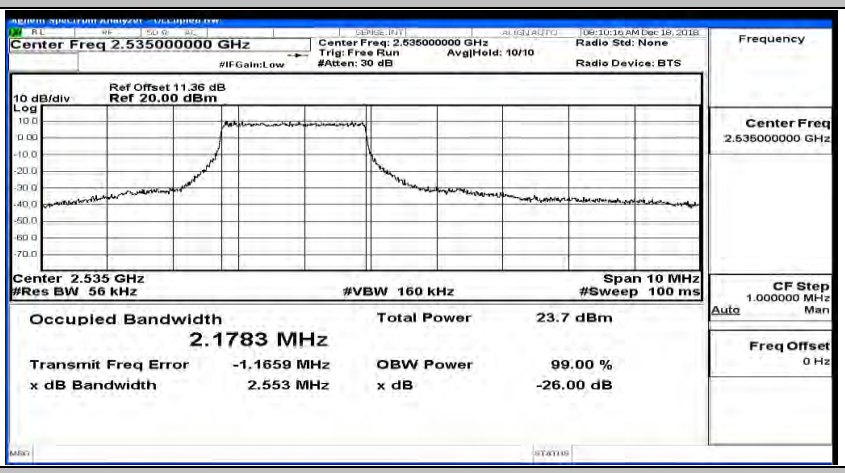
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



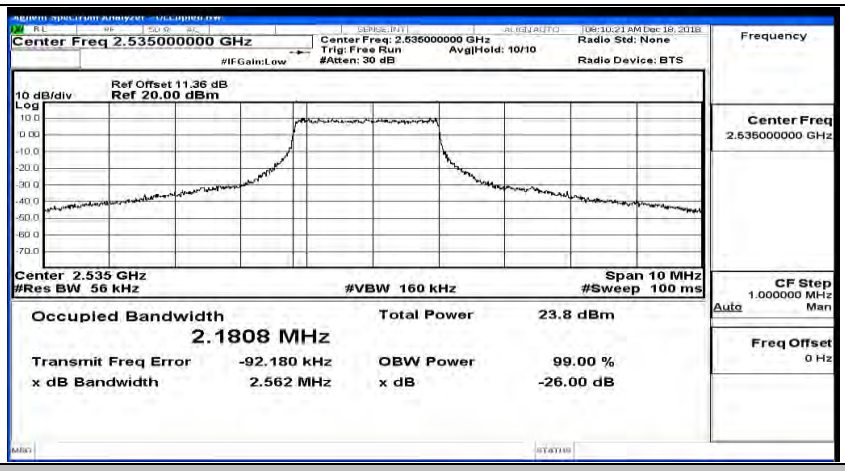
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



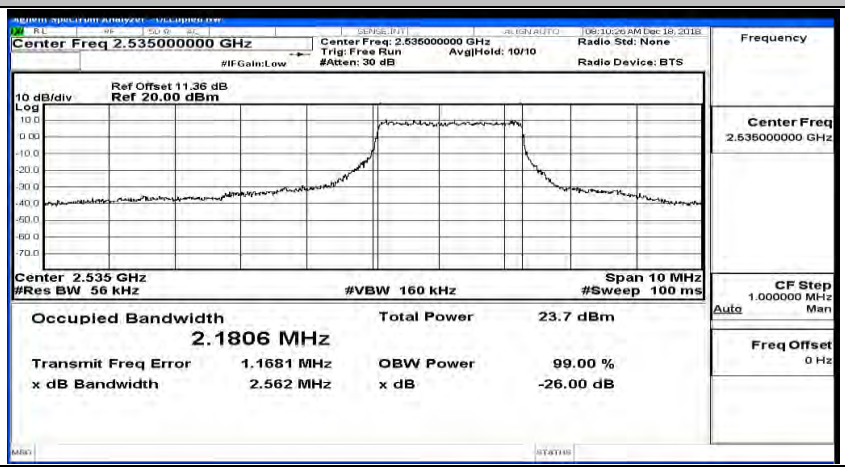
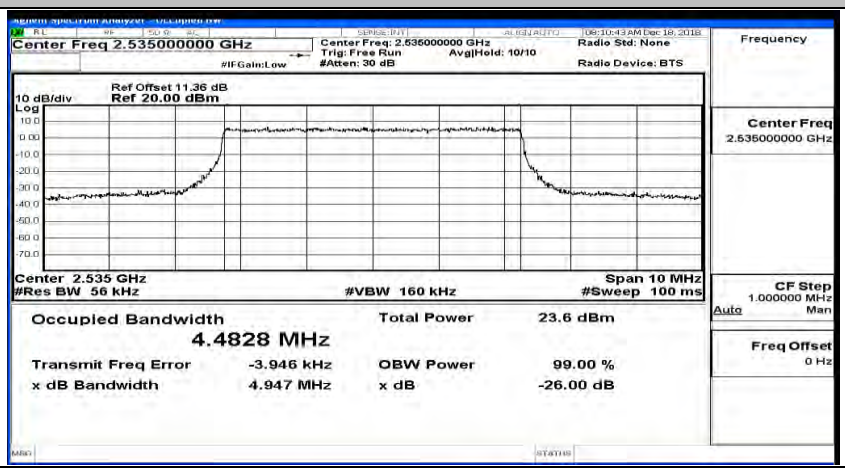
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0