Appendix for Band 17

Product Name: GPS
Model No: MDT760

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.16	PASS
		1	12	23.42	PASS
		1	24	23.06	PASS
		12	0	22.21	PASS
		12	6	22.22	PASS
		12	13	22.22	PASS
		25	0	22.21	PASS
	MCH	1	0	23.11	PASS
		1	12	23.43	PASS
		1	24	23.04	PASS
		12	0	22.15	PASS
		12	6	22.20	PASS
		12	13	22.07	PASS
		25	0	22.15	PASS
	HCH	1	0	23.08	PASS
		1	12	23.32	PASS
		1	24	23.00	PASS
		12	0	22.14	PASS
		12	6	22.15	PASS
		12	13	22.04	PASS
		25	0	22.12	PASS
16QAM	LCH	1	0	22.52	PASS
		1	12	22.86	PASS
		1	24	22.43	PASS
		12	0	21.27	PASS
		12	6	21.30	PASS
		12	13	21.31	PASS
		25	0	21.24	PASS
	MCH	1	0	22.53	PASS
		1	12	22.79	PASS
		1	24	22.43	PASS
		12	0	21.25	PASS
		12	6	21.29	PASS

		12	13	21.20	PASS
		25	0	21.17	PASS
	HCH	1	0	22.34	PASS
		1	12	22.44	PASS
		1	24	22.29	PASS
		12	0	21.14	PASS
		12	6	21.15	PASS
		12	13	21.05	PASS
		25	0	21.15	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.45	PASS
		1	24	23.24	PASS
		1	49	22.97	PASS
		25	0	22.17	PASS
		25	12	22.16	PASS
		25	25	22.14	PASS
		50	0	22.14	PASS
	MCH	1	0	23.13	PASS
		1	24	23.20	PASS
		1	49	22.97	PASS
		25	0	22.15	PASS
		25	12	22.13	PASS
		25	25	22.10	PASS
		50	0	22.10	PASS
	HCH	1	0	23.19	PASS
		1	24	23.23	PASS
		1	49	23.05	PASS
		25	0	22.16	PASS
		25	12	22.11	PASS
		25	25	22.07	PASS
		50	0	22.17	PASS
16QAM	LCH	1	0	22.58	PASS
		1	24	22.66	PASS
		1	49	22.37	PASS
		25	0	21.22	PASS
		25	12	21.18	PASS
		25	25	21.17	PASS
		50	0	21.15	PASS

	MCH	1	0	22.69	PASS
		1	24	22.73	PASS
		1	49	22.49	PASS
		25	0	21.22	PASS
		25	12	21.17	PASS
		25	25	21.14	PASS
		50	0	21.18	PASS
	HCH	1	0	22.61	PASS
		1	24	22.61	PASS
		1	49	22.44	PASS
		25	0	21.19	PASS
		25	12	21.19	PASS
		25	25	21.08	PASS
		50	0	21.15	PASS

Appendix B: 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	5.93	<13	PASS
		1	12	5.71	<13	PASS
		1	24	5.77	<13	PASS
		12	0	6.23	<13	PASS
		12	6	6.17	<13	PASS
		12	13	6.11	<13	PASS
		25	0	6.24	<13	PASS
	MCH	1	0	5.73	<13	PASS
		1	12	5.38	<13	PASS
		1	24	5.36	<13	PASS
		12	0	6.21	<13	PASS
		12	6	6.03	<13	PASS
		12	13	6.03	<13	PASS
		25	0	5.98	<13	PASS
	HCH	1	0	5.66	<13	PASS
		1	12	5.47	<13	PASS
		1	24	5.32	<13	PASS
		12	0	5.86	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.75	<13	PASS
		25	0	5.83	<13	PASS
16QAM	LCH	1	0	6.75	<13	PASS
		1	12	6.67	<13	PASS
		1	24	6.72	<13	PASS
		12	0	6.99	<13	PASS
		12	6	6.95	<13	PASS
		12	13	6.93	<13	PASS
		25	0	7	<13	PASS
	MCH	1	0	6.27	<13	PASS
		1	12	6.38	<13	PASS
		1	24	6.26	<13	PASS

		12	0	6.8	<13	PASS
		12	6	6.77	<13	PASS
		12	13	6.73	<13	PASS
		25	0	6.73	<13	PASS
	HCH	1	0	6.31	<13	PASS
		1	12	6.19	<13	PASS
		1	24	5.93	<13	PASS
		12	0	6.68	<13	PASS
		12	6	6.63	<13	PASS
		12	13	6.68	<13	PASS
		25	0	6.55	<13	PASS

Channel Bandwidth: 10 MHz

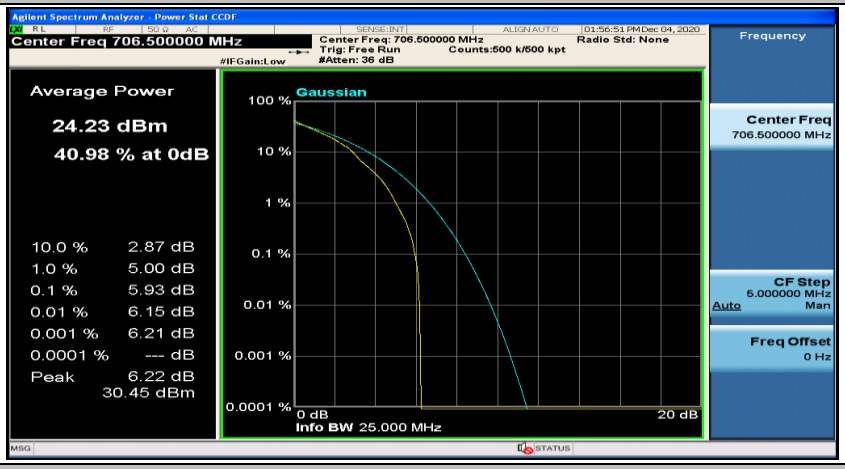
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	5.96	<13	PASS
		1	24	5.57	<13	PASS
		1	49	5.39	<13	PASS
		25	0	6.23	<13	PASS
		25	12	6.1	<13	PASS
		25	25	5.95	<13	PASS
		50	0	6.04	<13	PASS
	MCH	1	0	5.73	<13	PASS
		1	24	5.31	<13	PASS
		1	49	4.99	<13	PASS
		25	0	6.18	<13	PASS
		25	12	6.06	<13	PASS
		25	25	5.87	<13	PASS
		50	0	6.04	<13	PASS
	HCH	1	0	5.76	<13	PASS
		1	24	5.44	<13	PASS
		1	49	5.05	<13	PASS
		25	0	5.99	<13	PASS
		25	12	5.82	<13	PASS
		25	25	5.73	<13	PASS
		50	0	5.91	<13	PASS
16QAM	LCH	1	0	6.87	<13	PASS
		1	24	6.51	<13	PASS
		1	49	6.25	<13	PASS
		25	0	7.08	<13	PASS

		25	12	6.93	<13	PASS
		25	25	6.68	<13	PASS
		50	0	6.77	<13	PASS
	MCH	1	0	6.5	<13	PASS
		1	24	6.17	<13	PASS
		1	49	5.83	<13	PASS
		25	0	6.92	<13	PASS
		25	12	6.88	<13	PASS
		25	25	6.67	<13	PASS
		50	0	6.73	<13	PASS
	HCH	1	0	6.89	<13	PASS
		1	24	6.33	<13	PASS
		1	49	5.87	<13	PASS
		25	0	6.85	<13	PASS
		25	12	6.71	<13	PASS
		25	25	6.65	<13	PASS
		50	0	6.7	<13	PASS

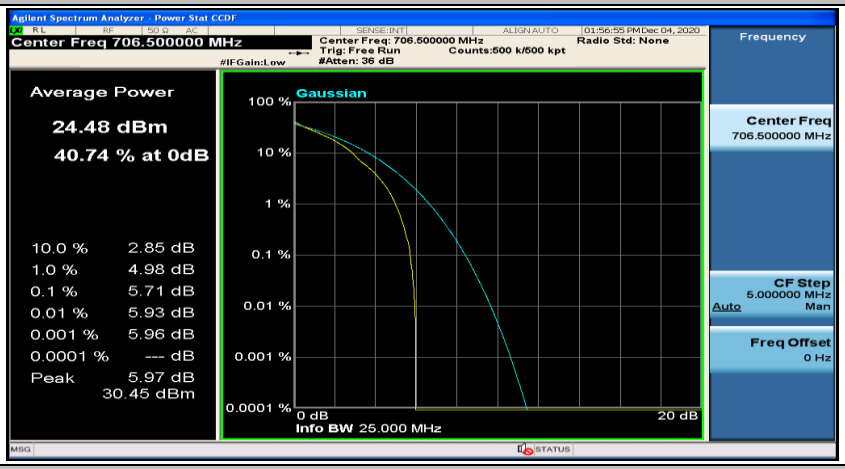
Test Graphs

Channel Bandwidth: 5 MHz

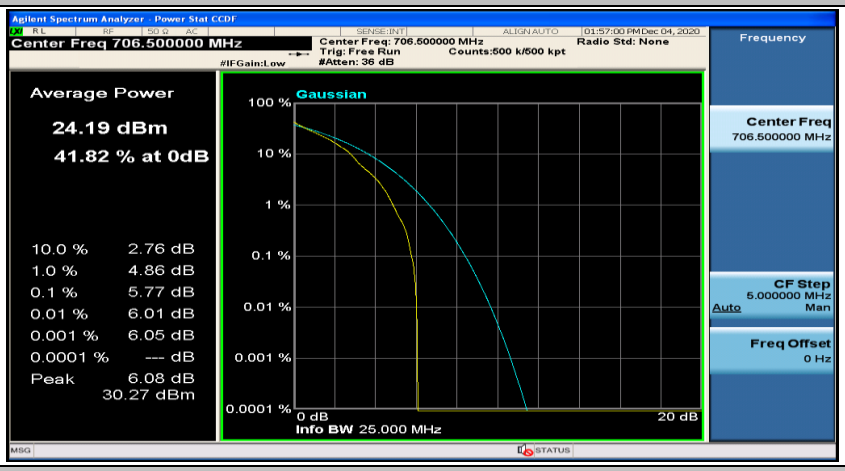
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



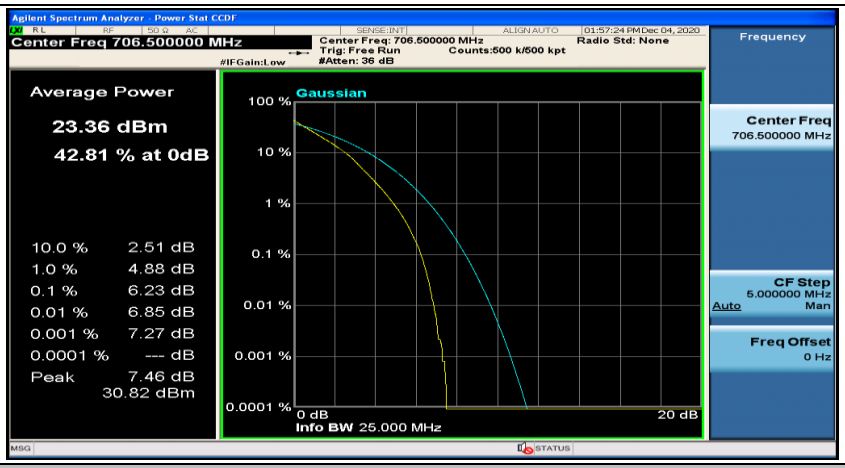
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



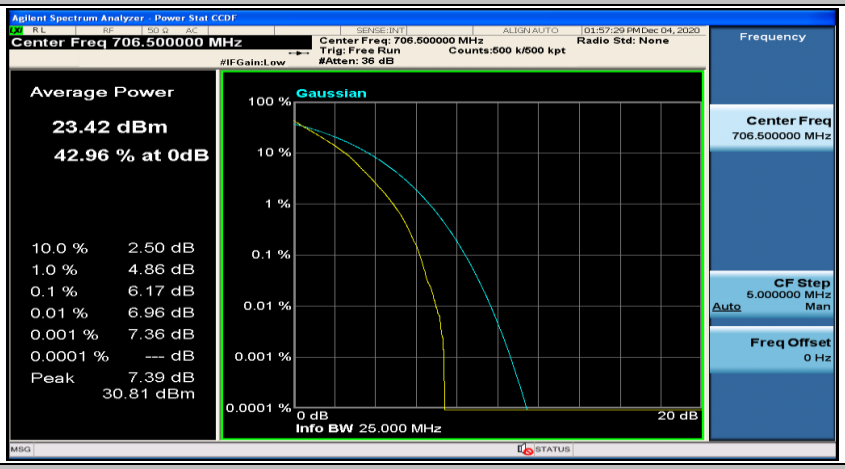
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



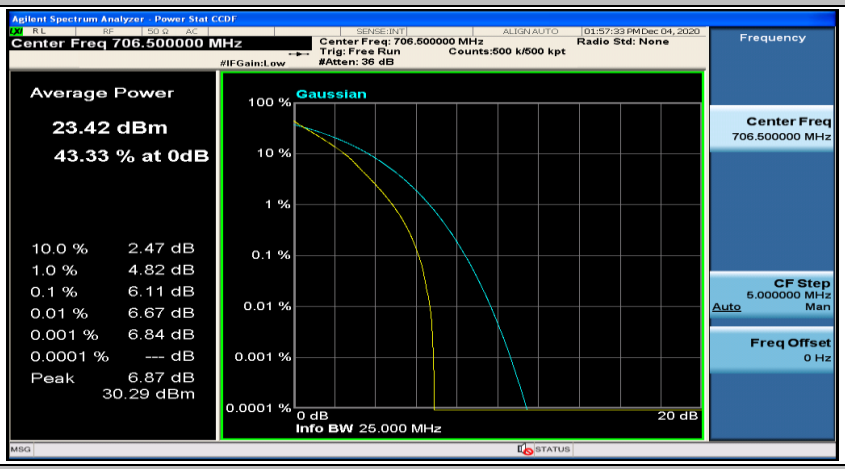
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



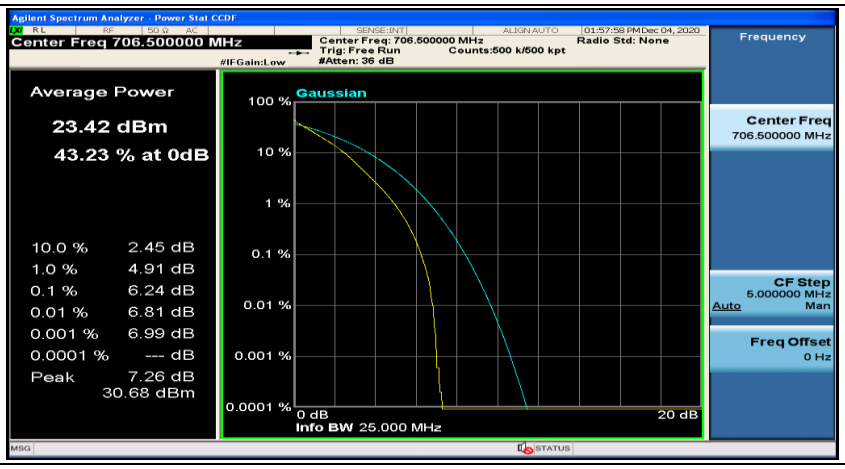
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



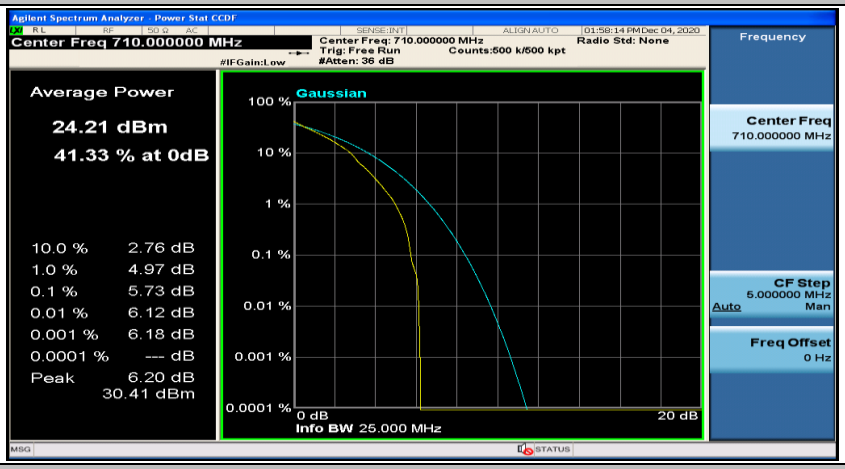
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



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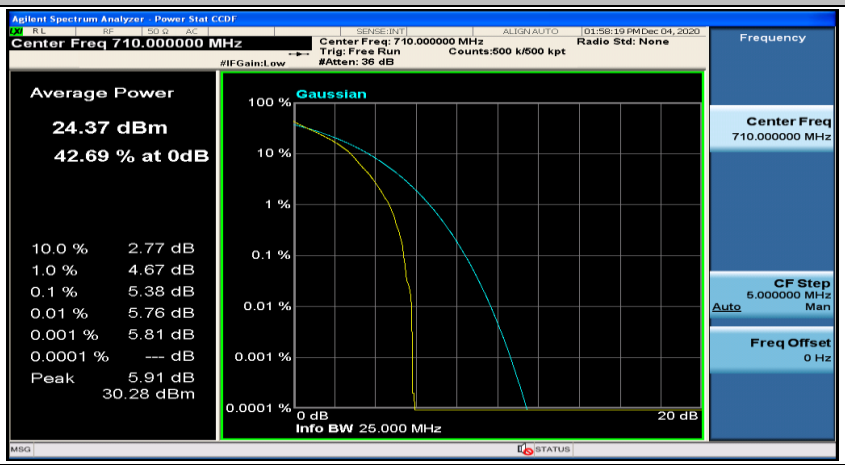

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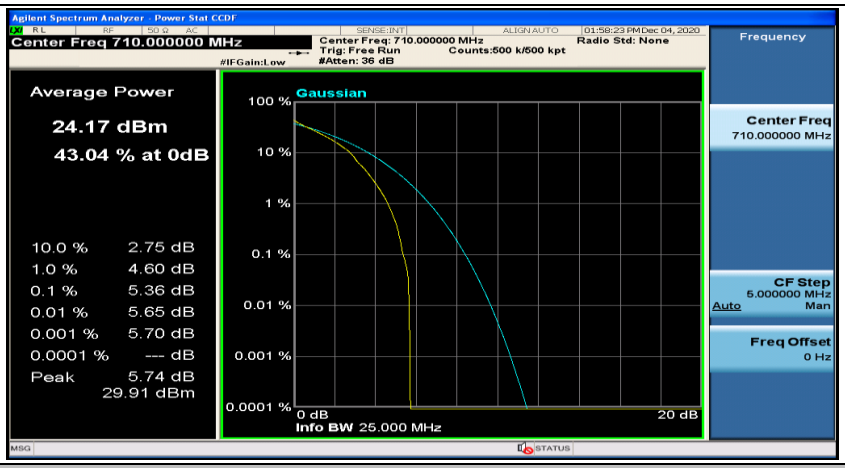
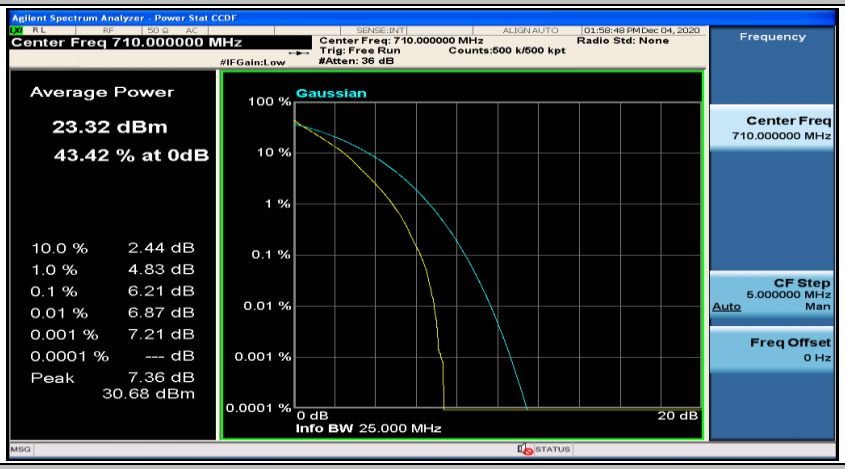
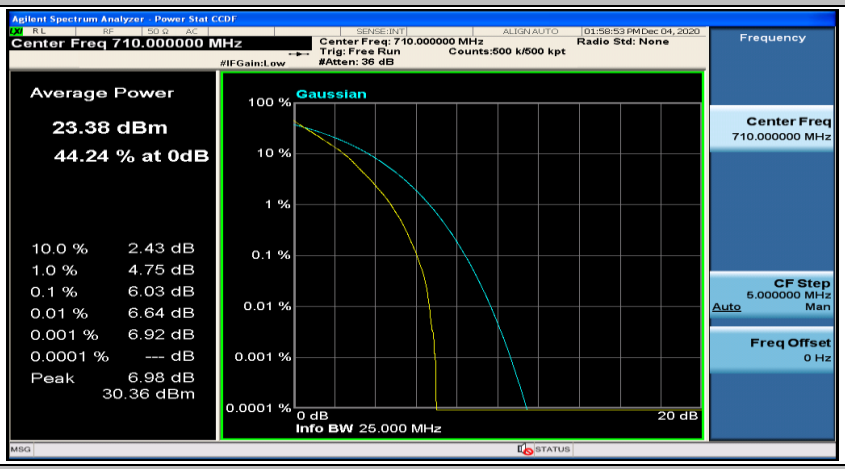


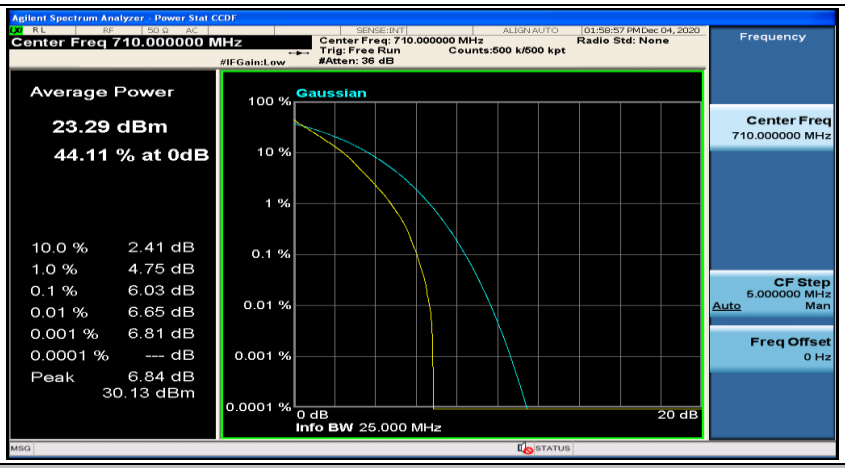
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



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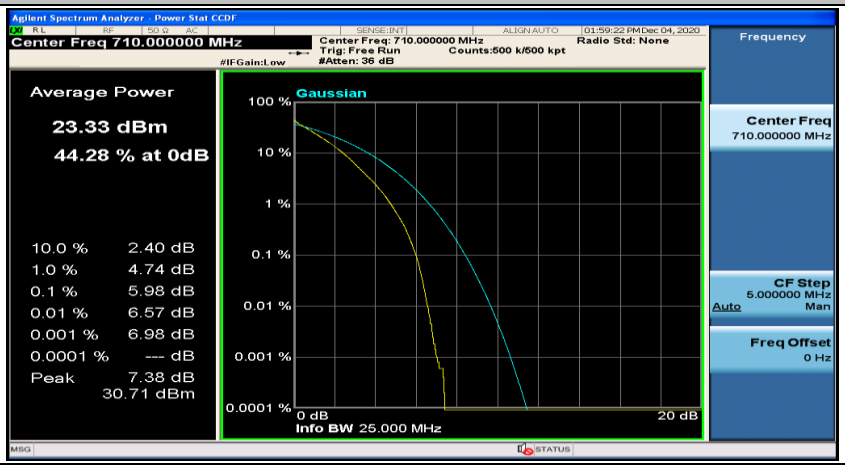
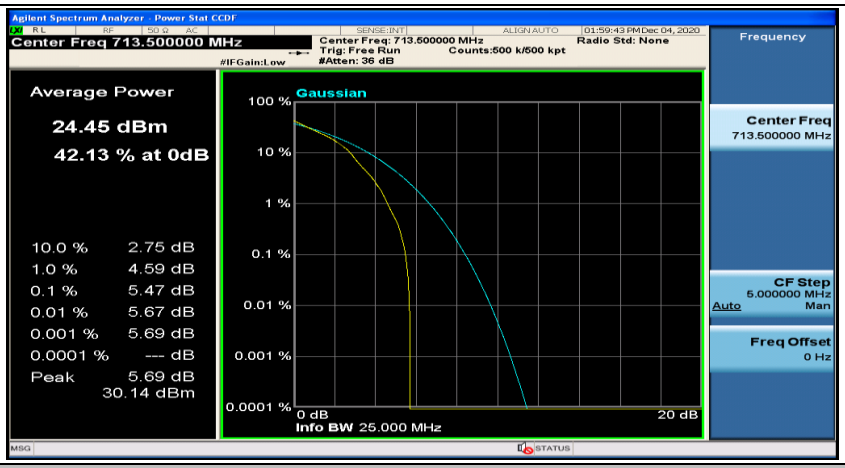
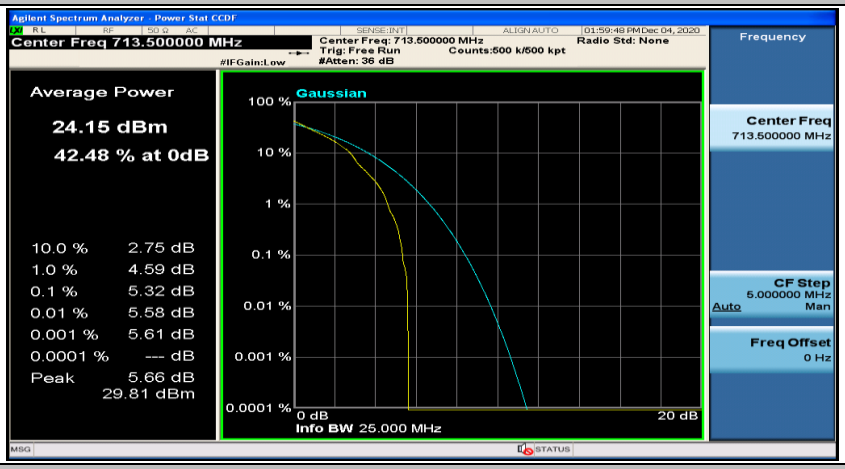


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

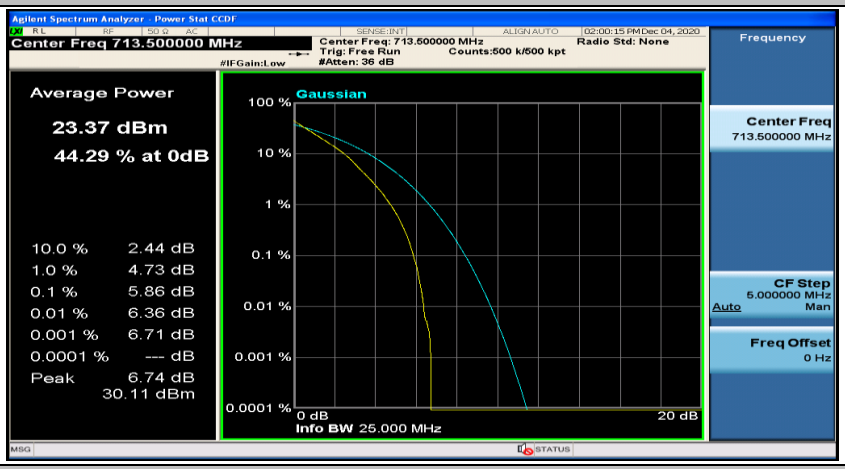
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



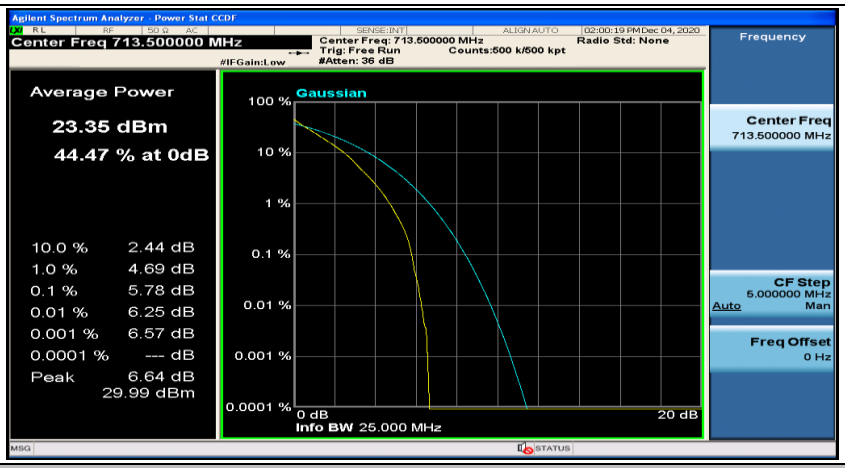
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



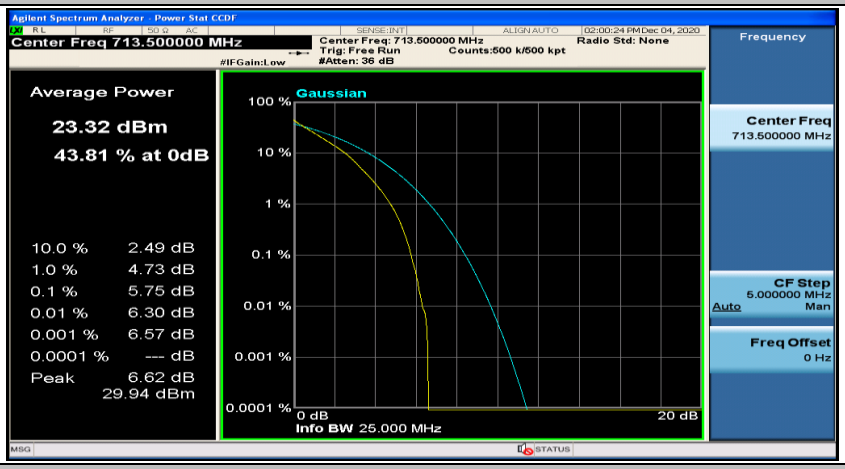
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



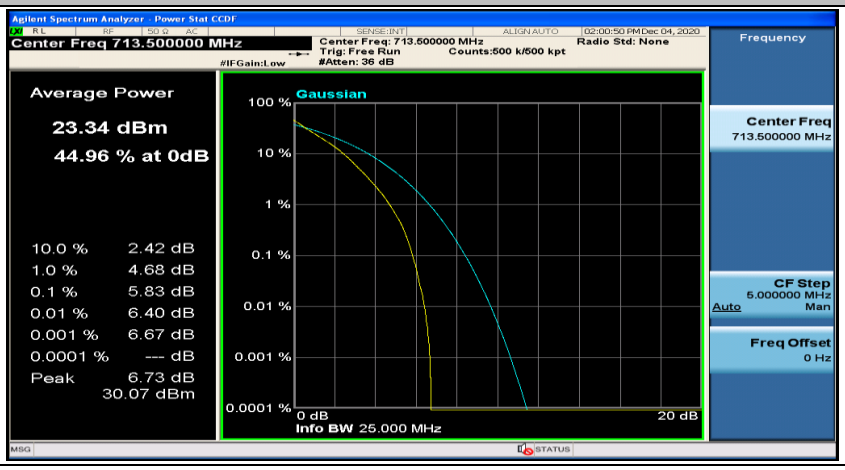
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



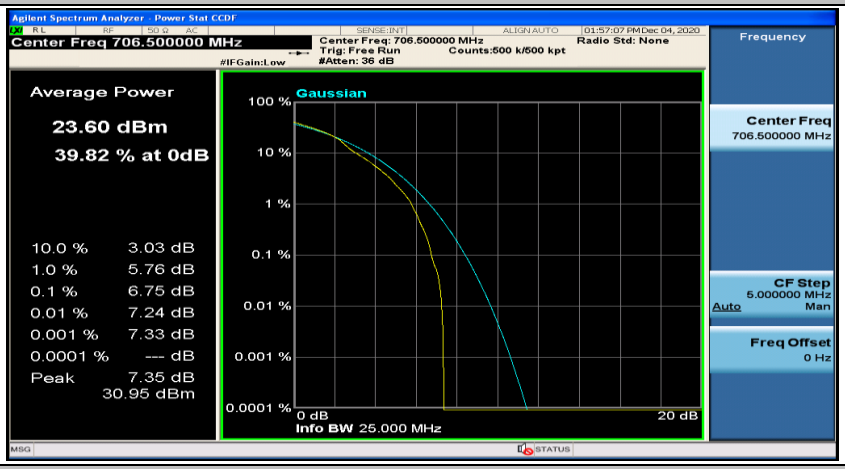
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



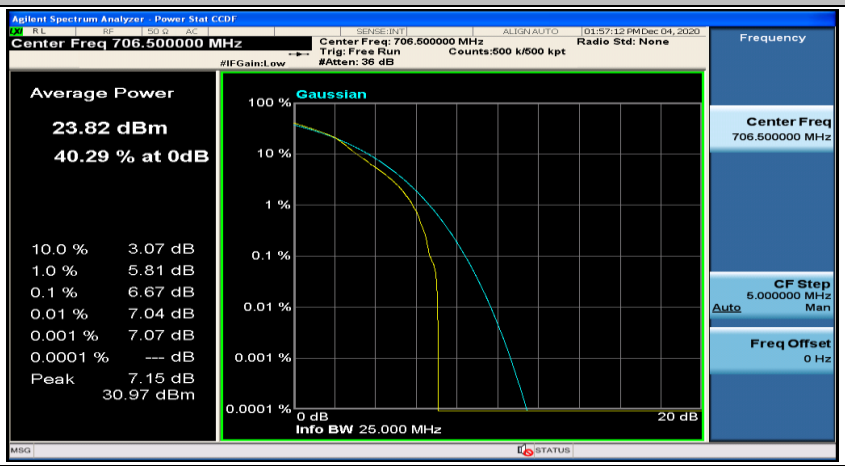
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



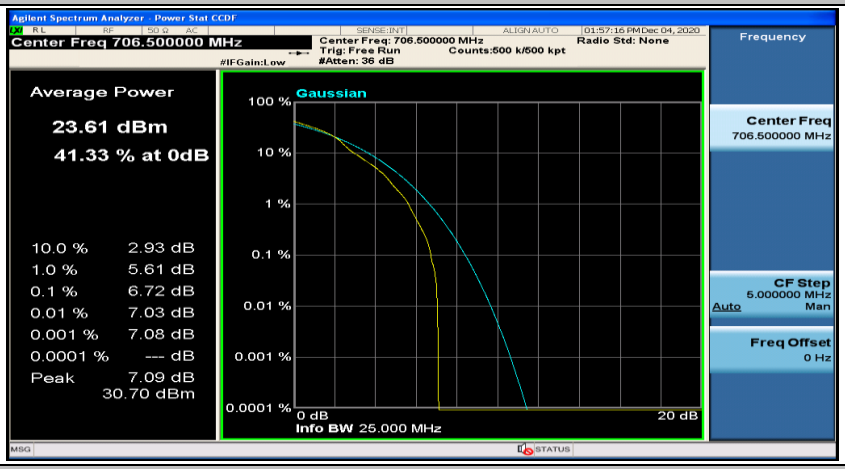
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



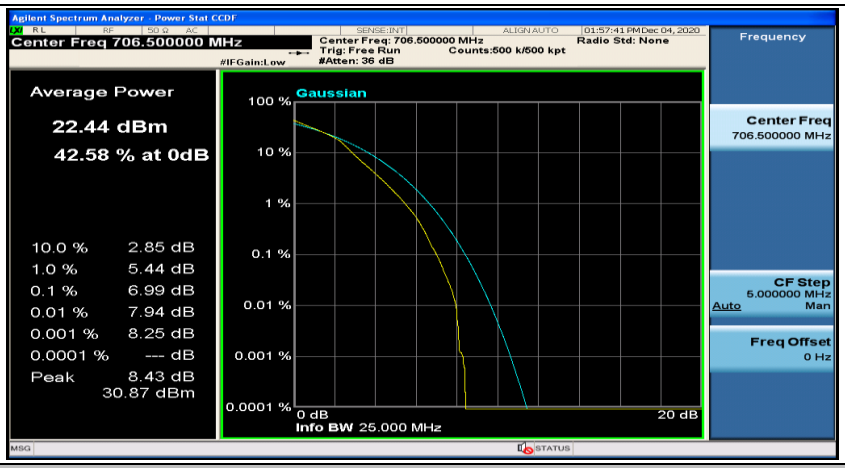
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



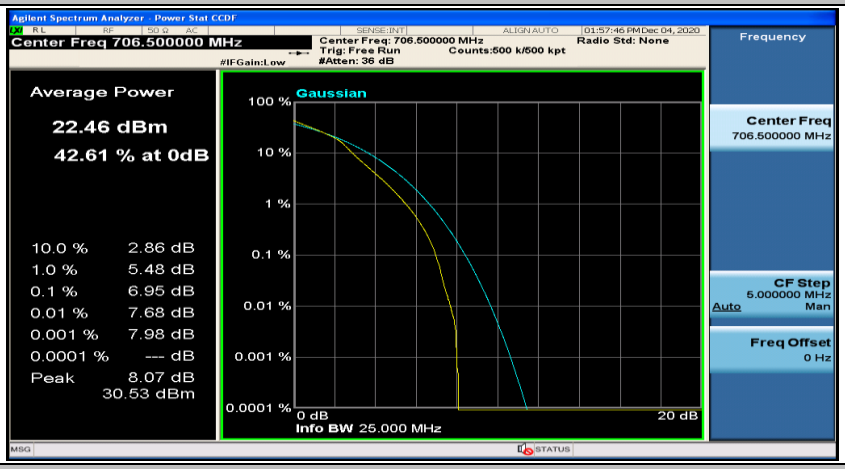
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



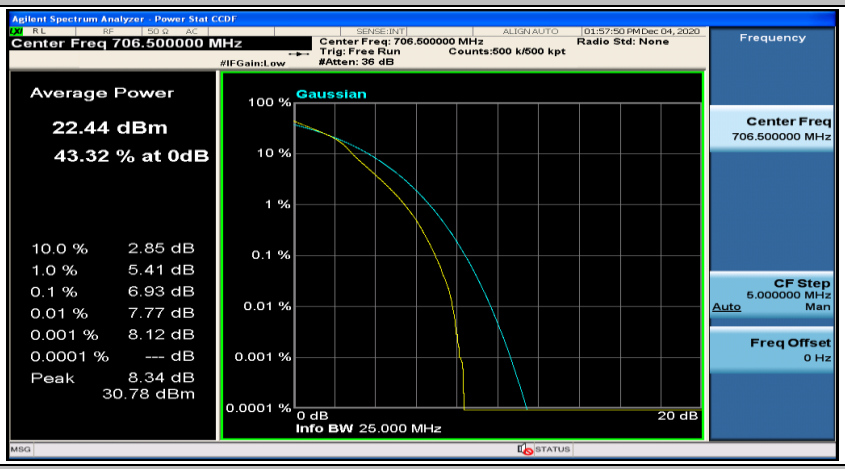
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



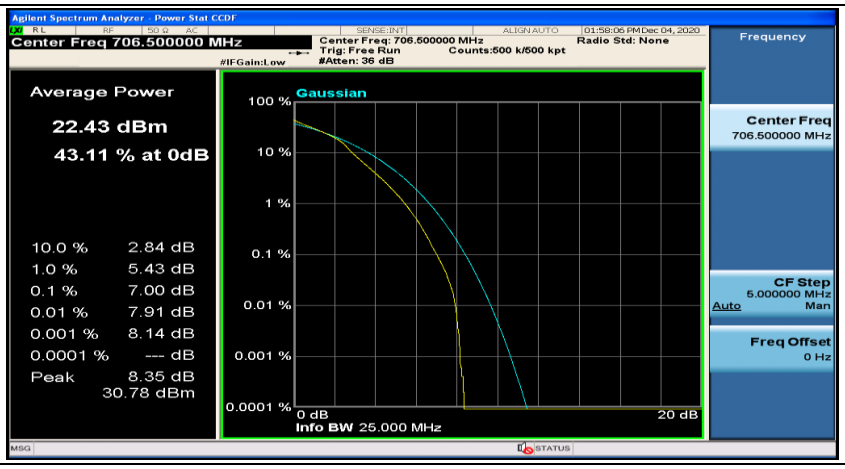
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



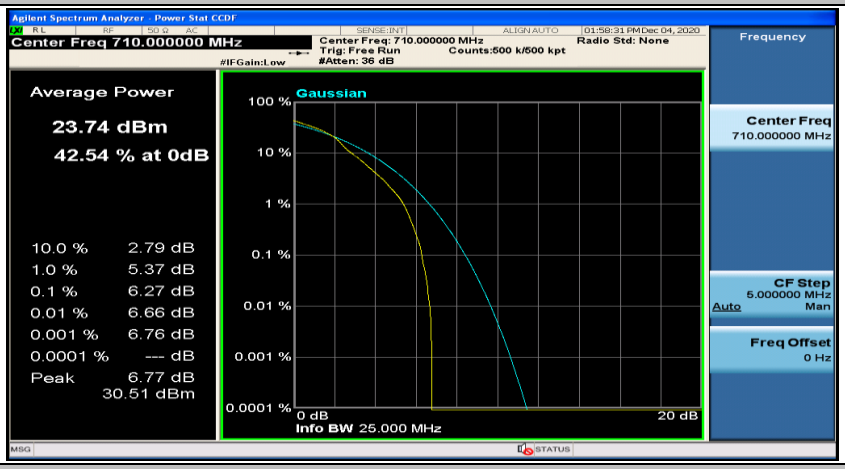
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



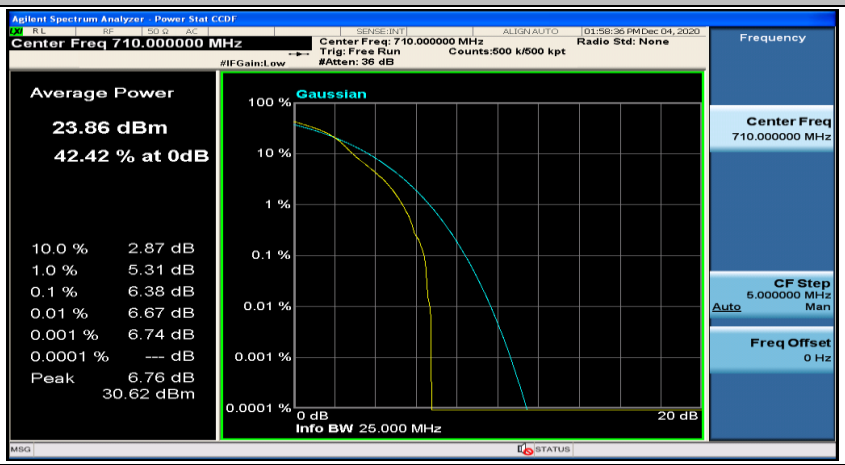
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



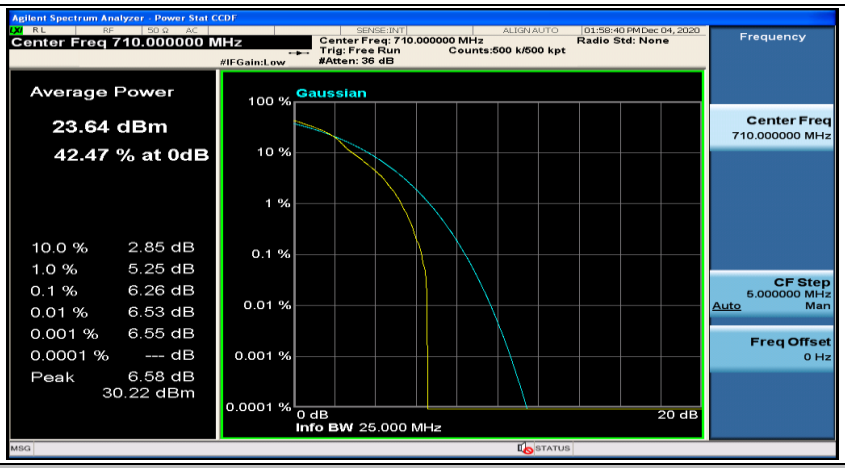
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



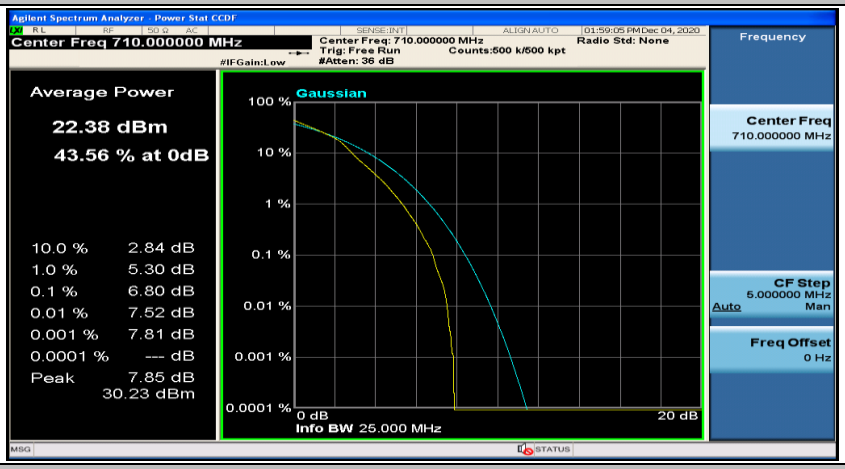
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



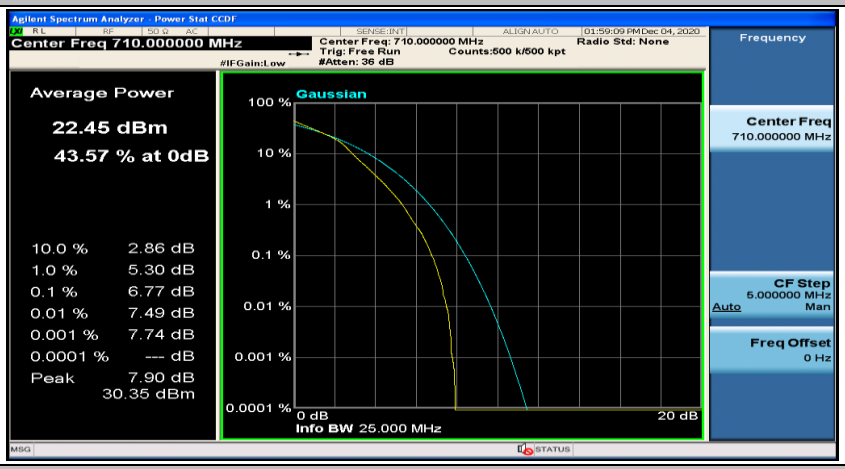
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



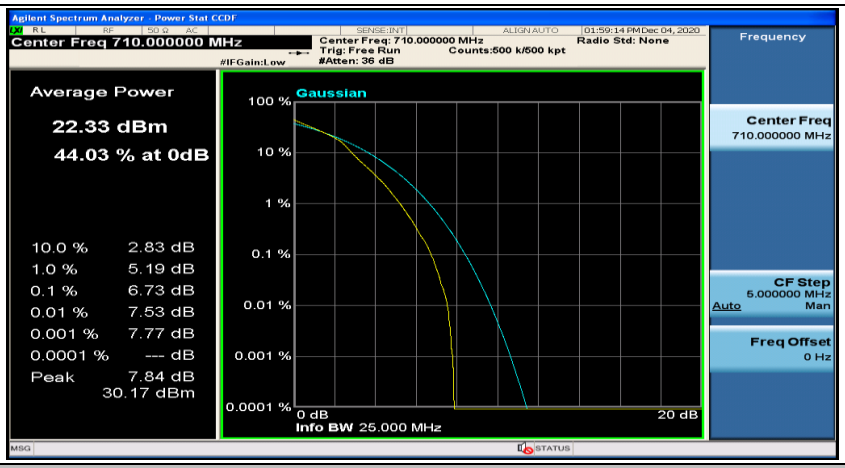
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



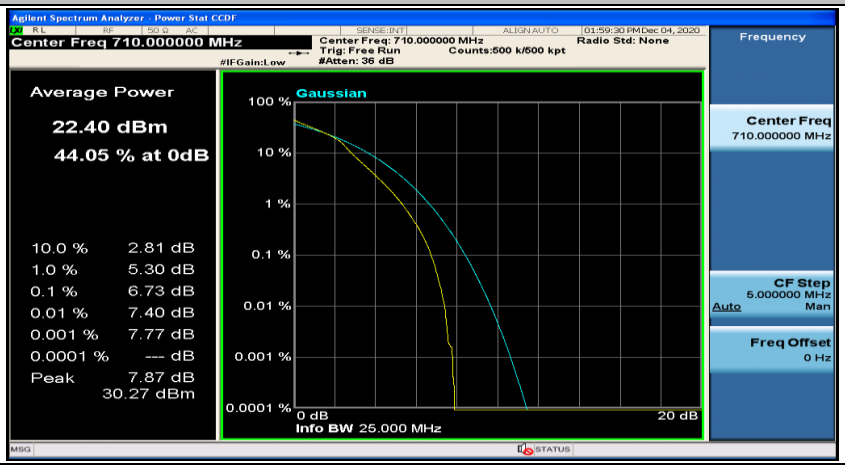
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



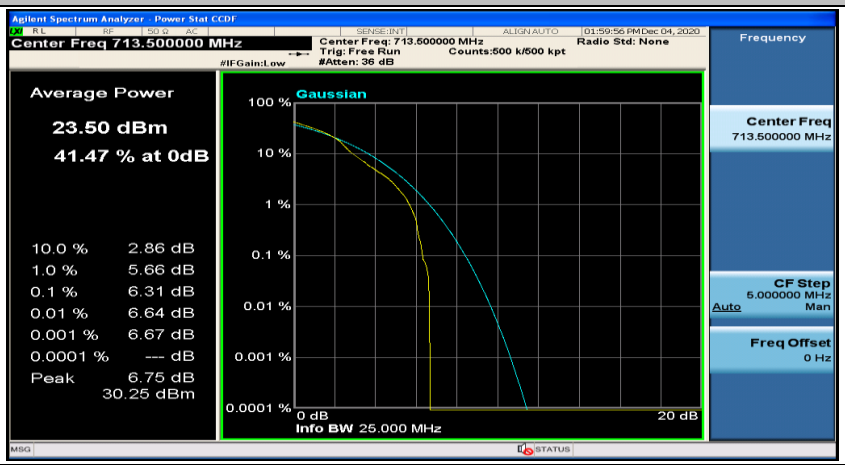
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



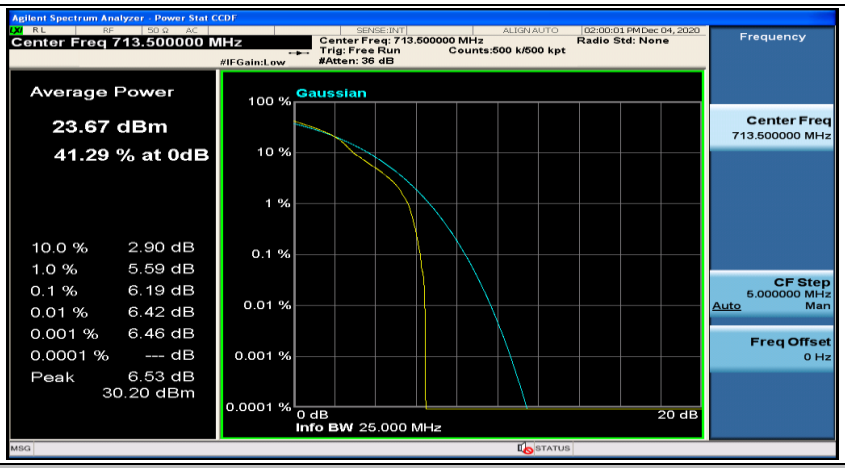
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



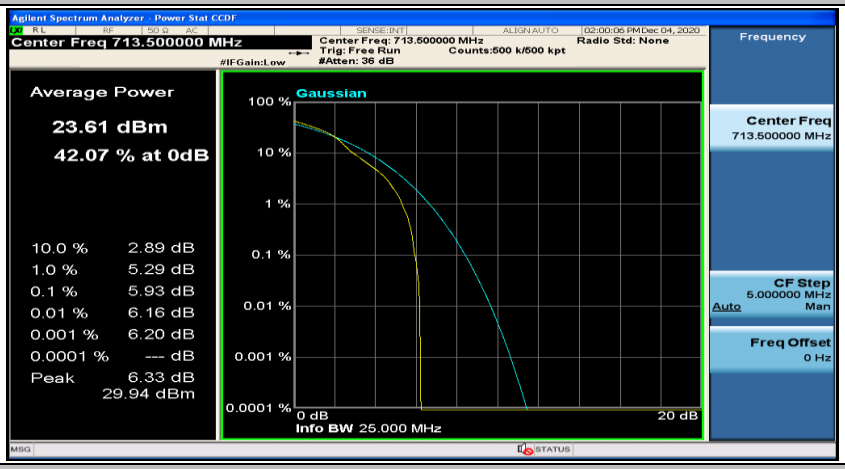
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



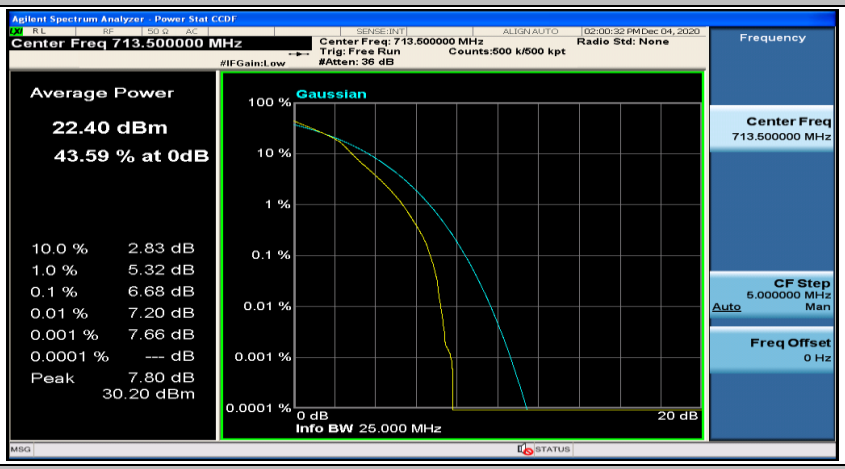
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



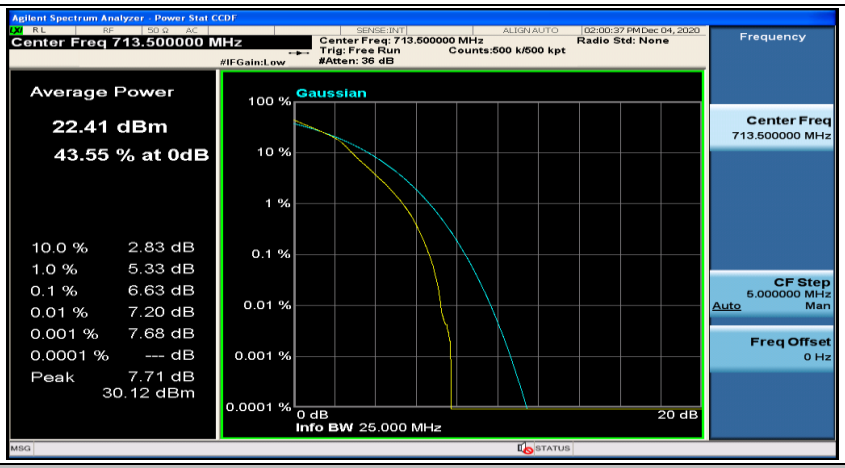
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



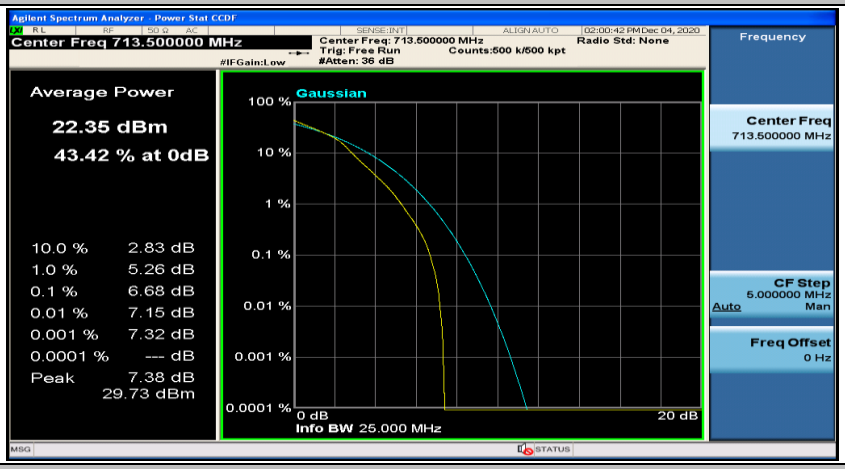
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



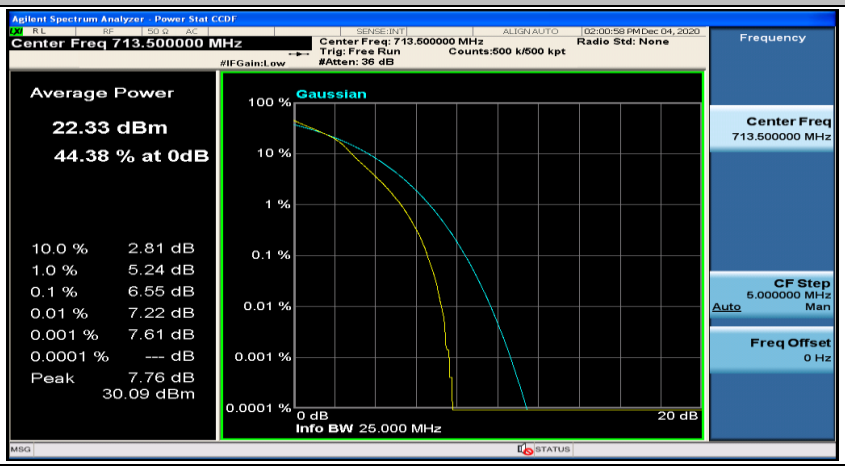
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

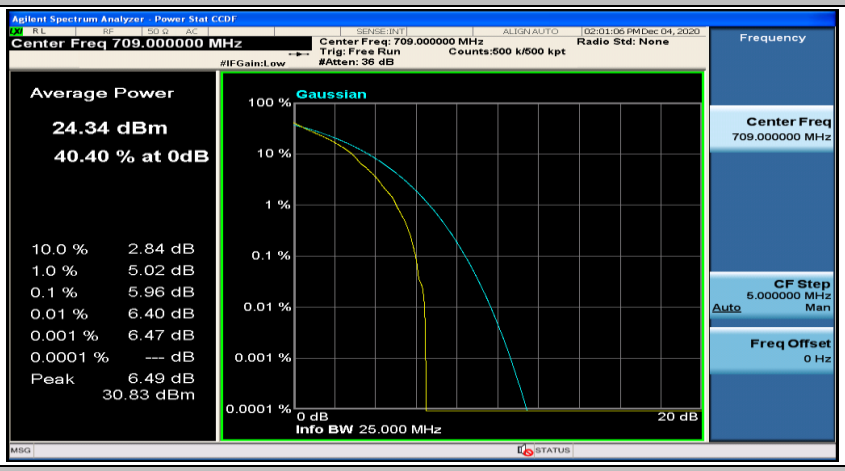


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

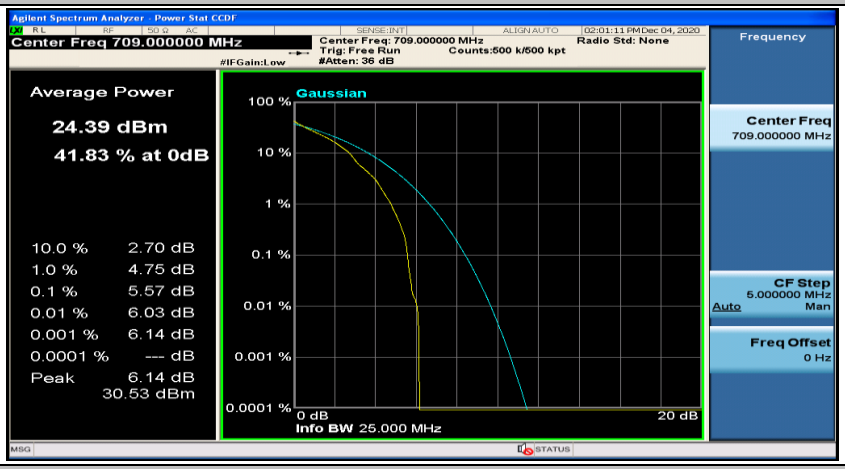


Channel Bandwidth: 10 MHz

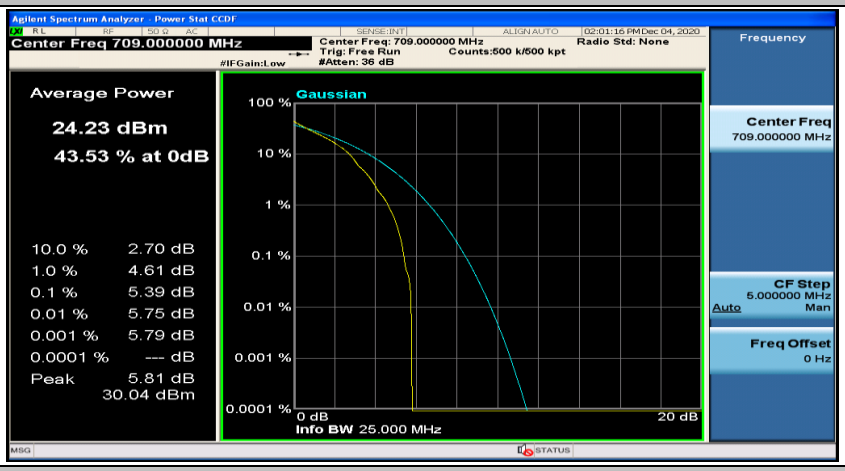
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



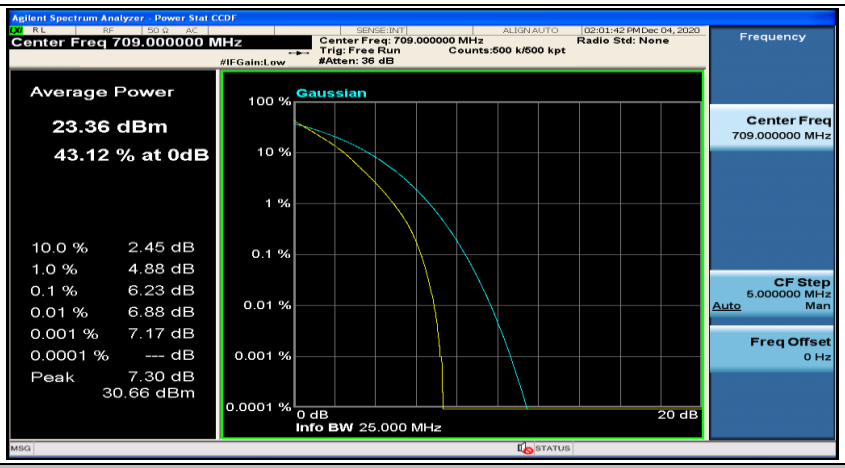
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



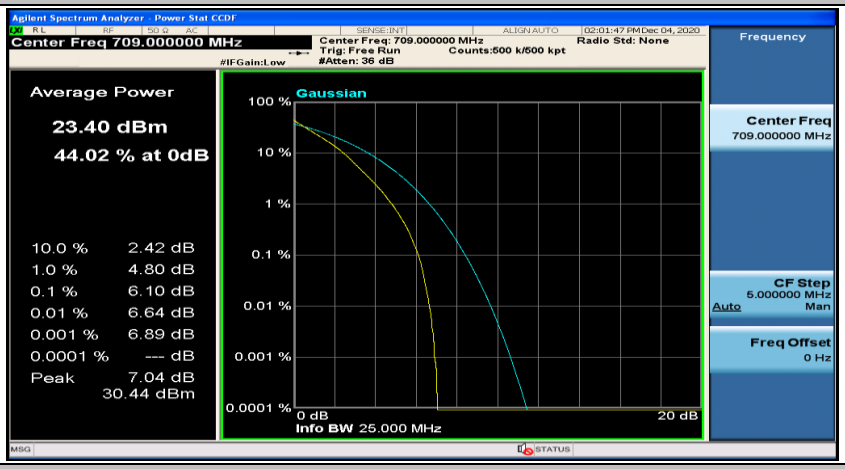
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



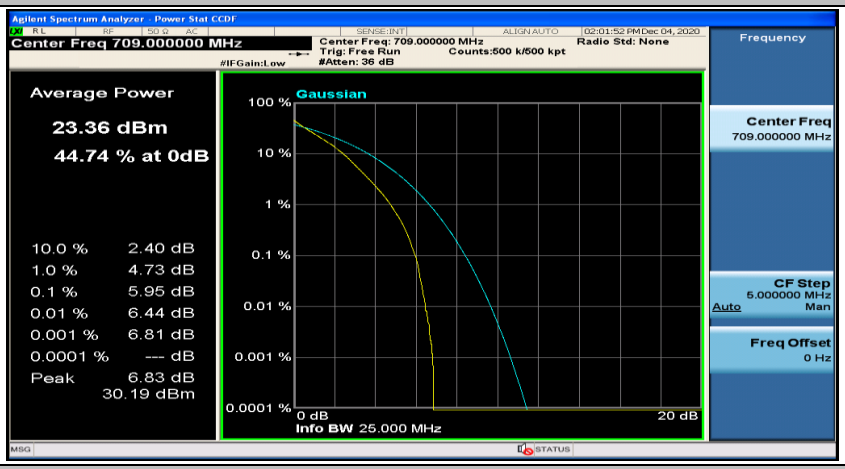
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



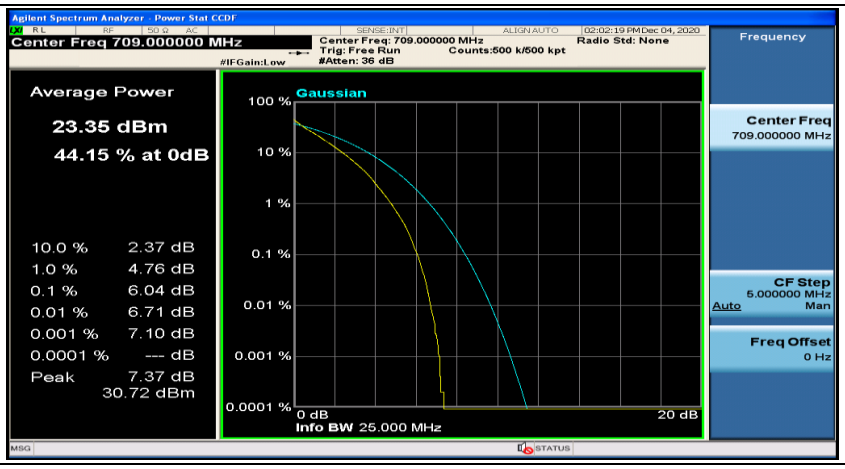
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



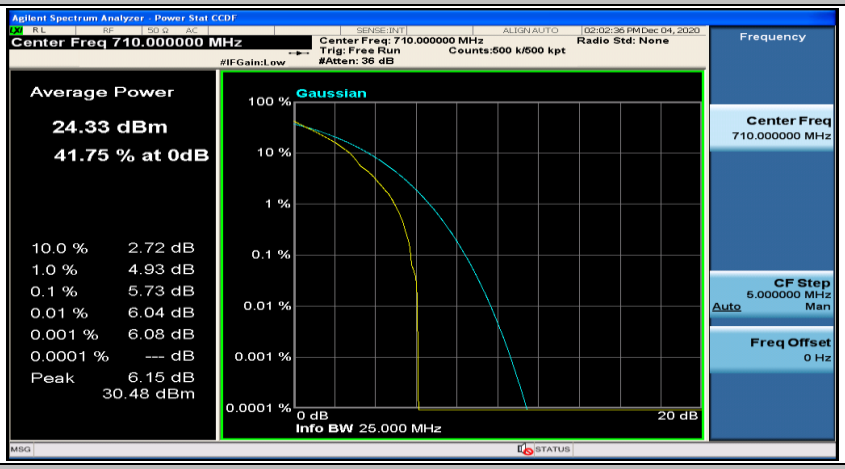
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



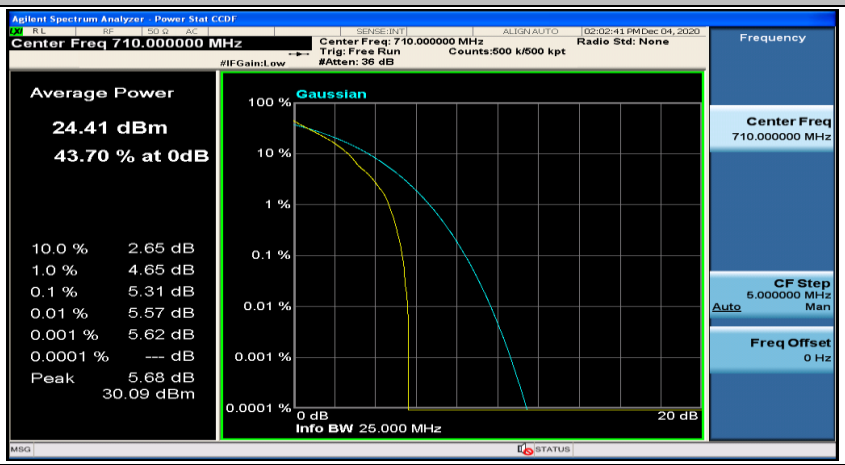
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



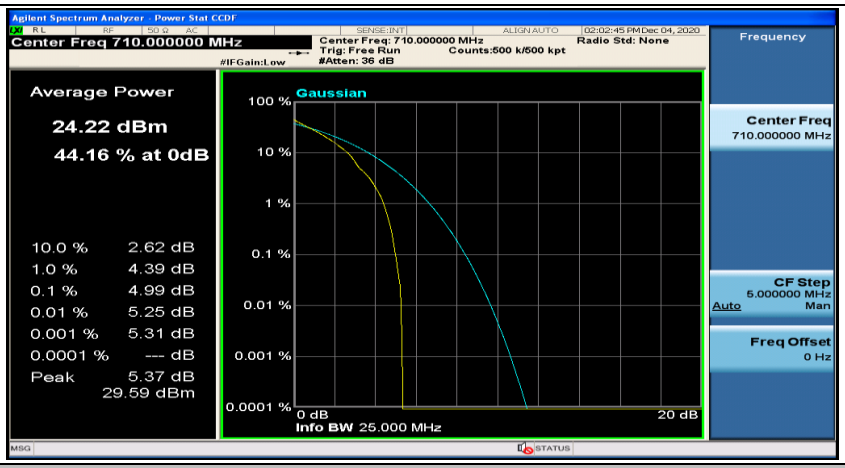
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



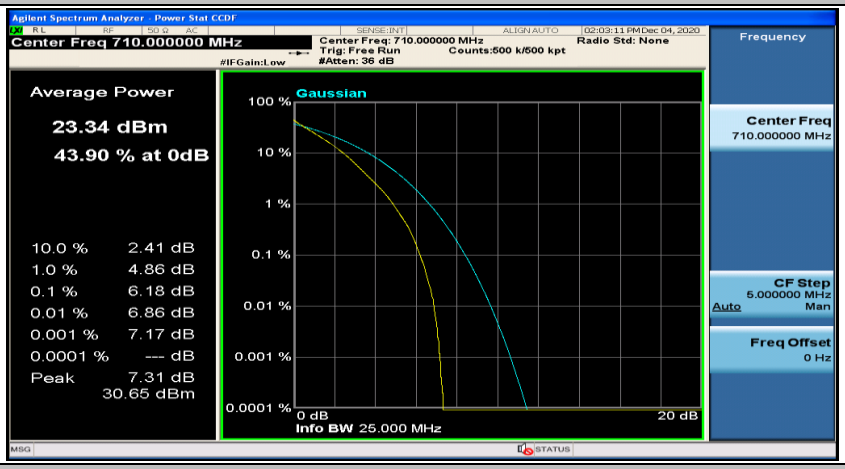
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



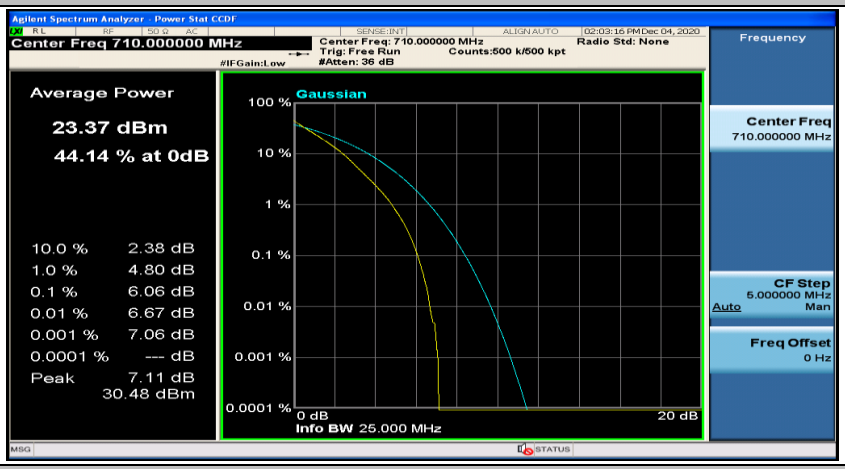
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



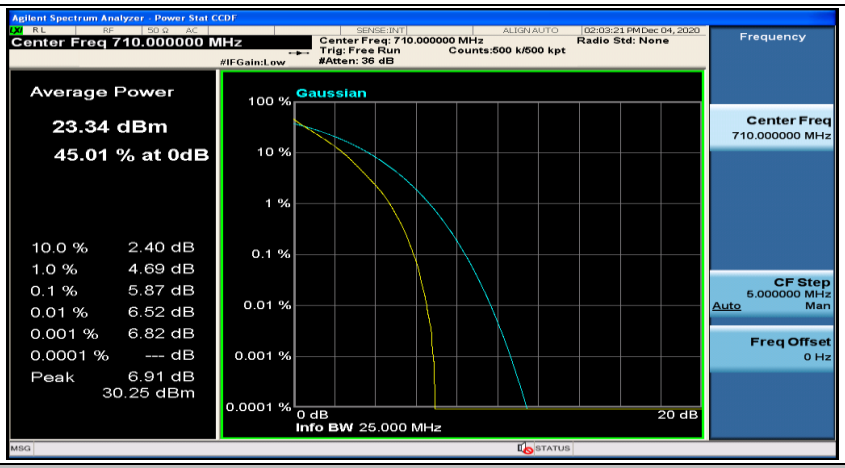
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



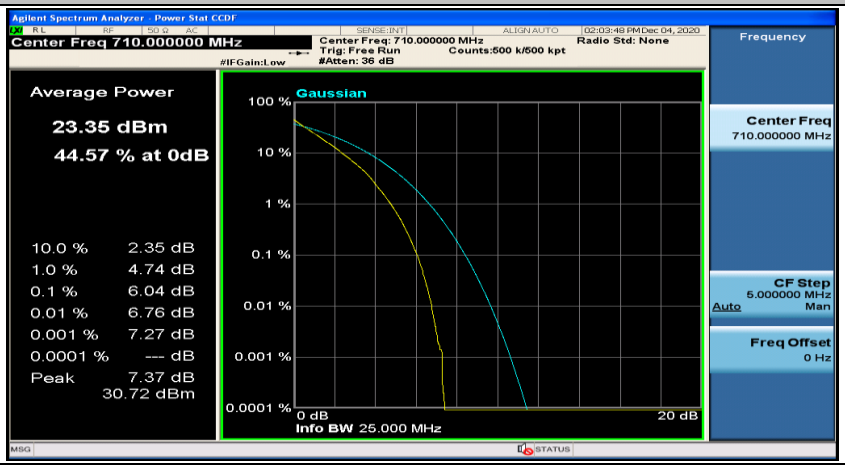
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

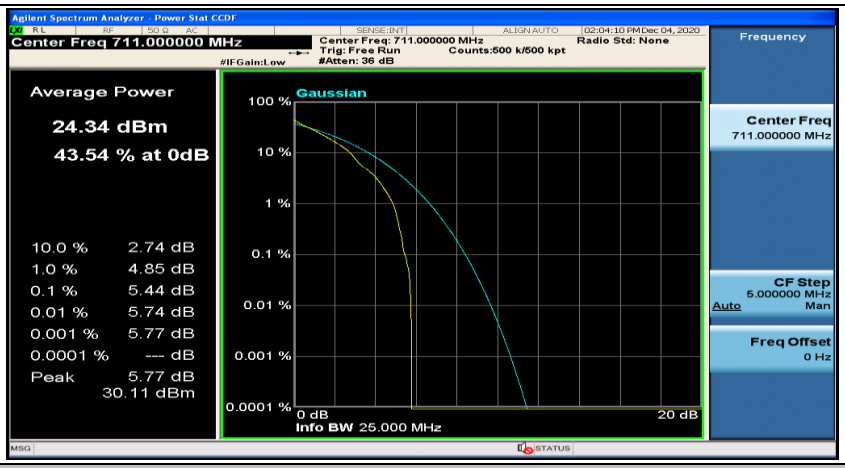


Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

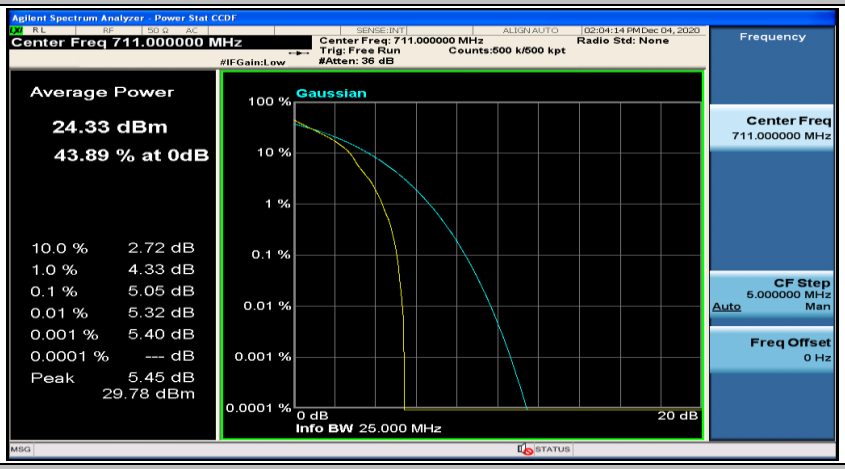


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

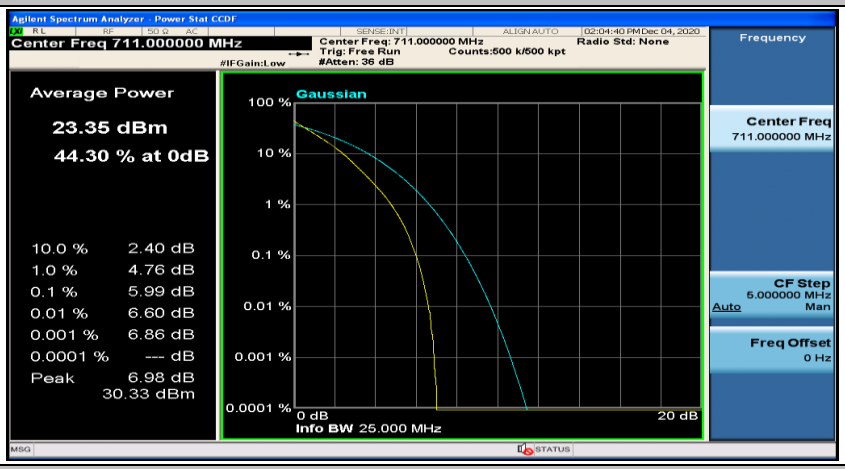
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



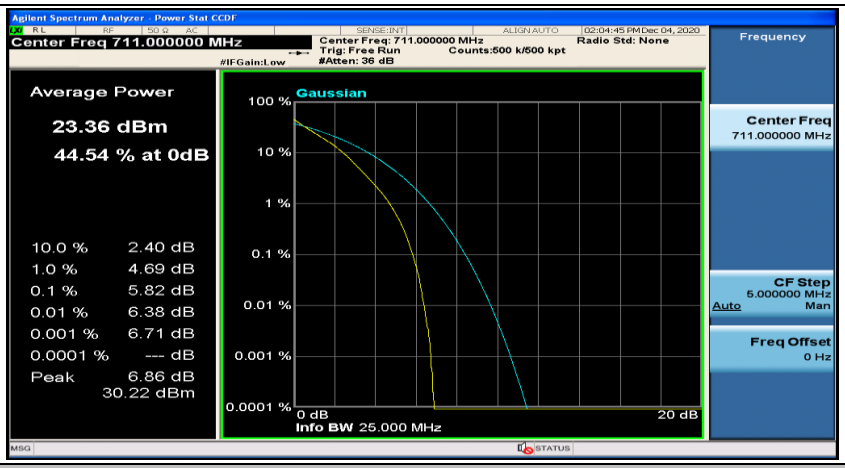
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



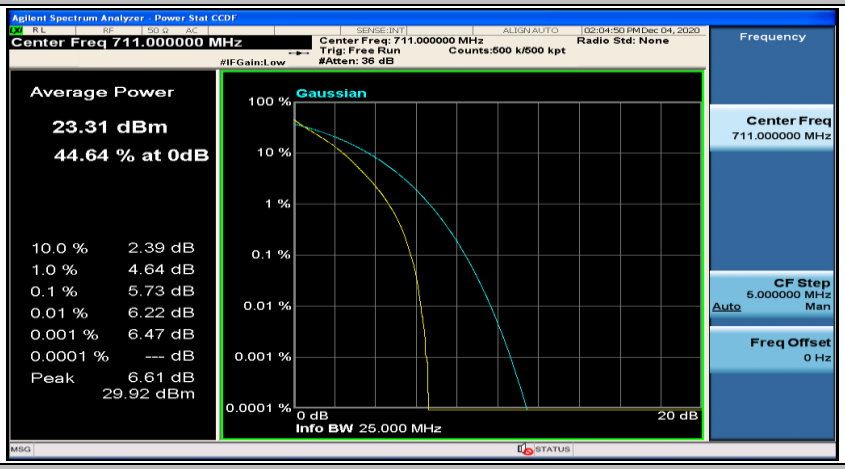
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



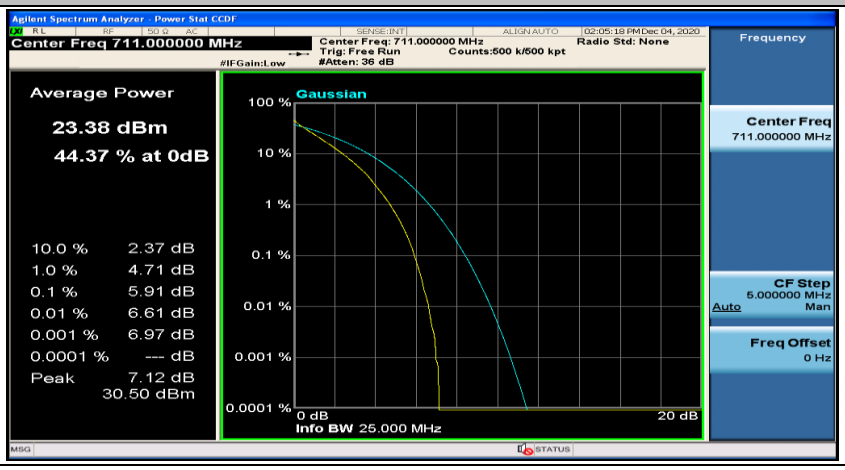
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



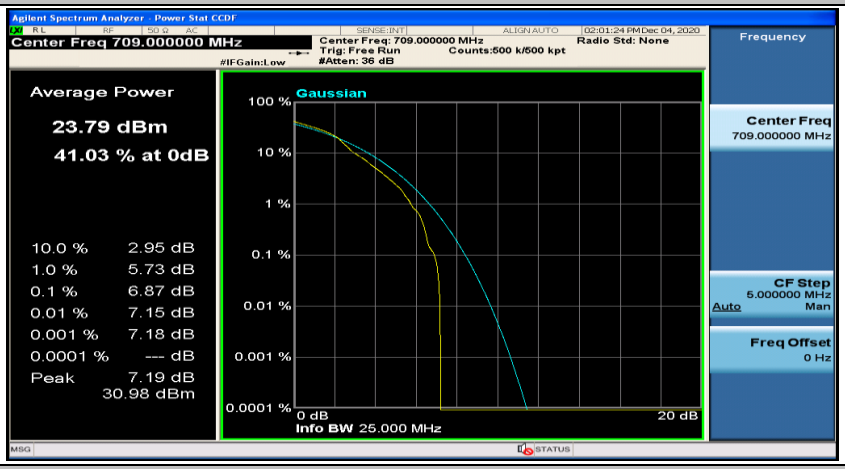
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



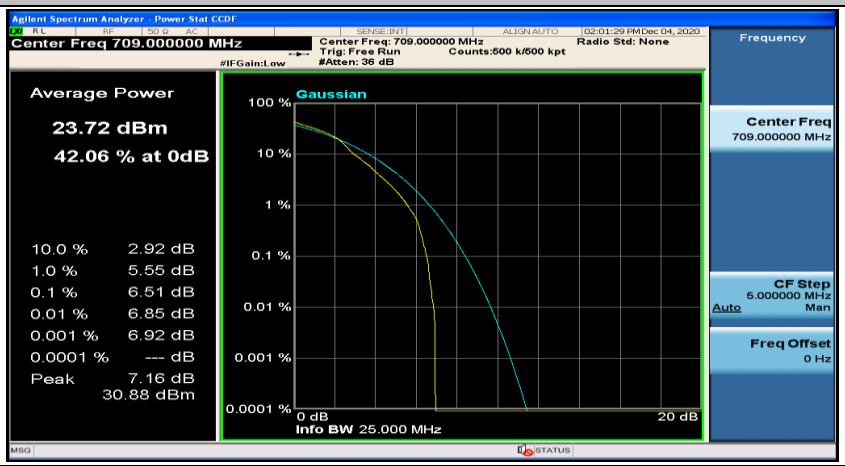
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



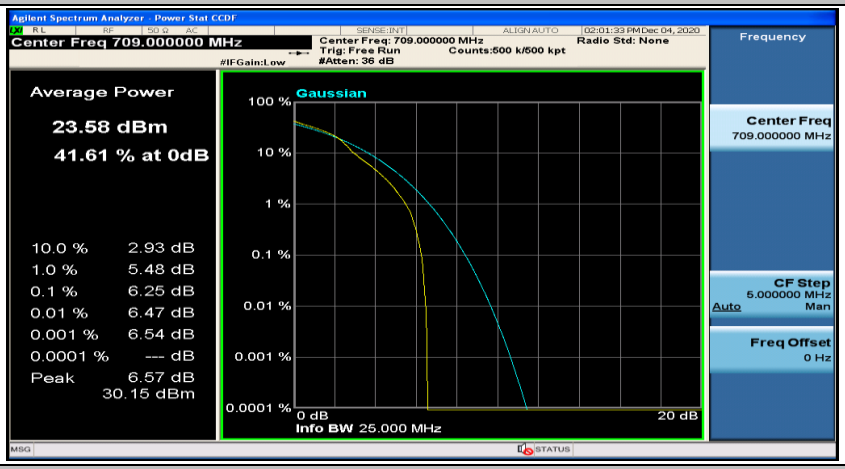
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



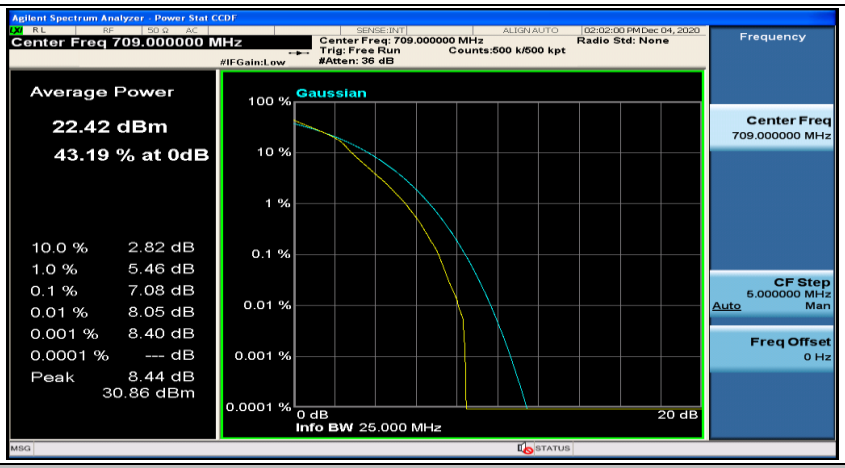
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



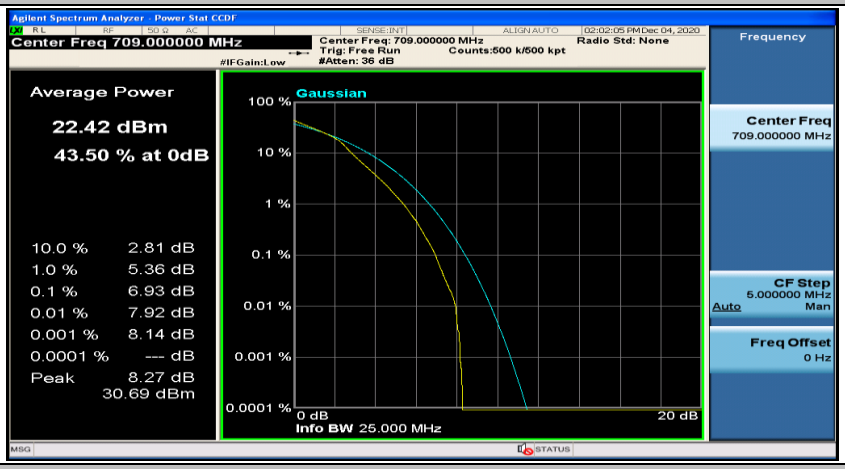
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



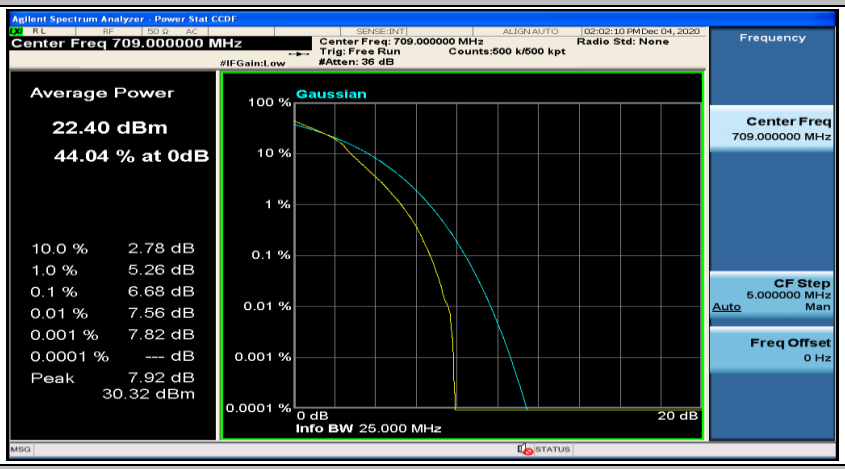
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



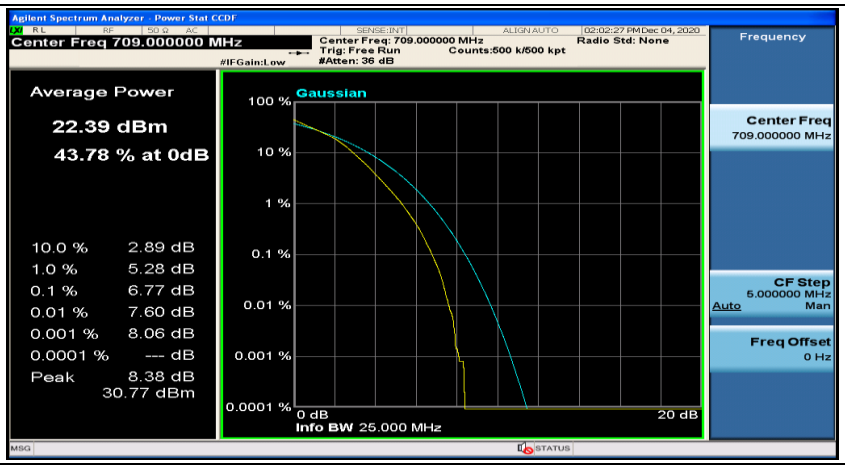
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



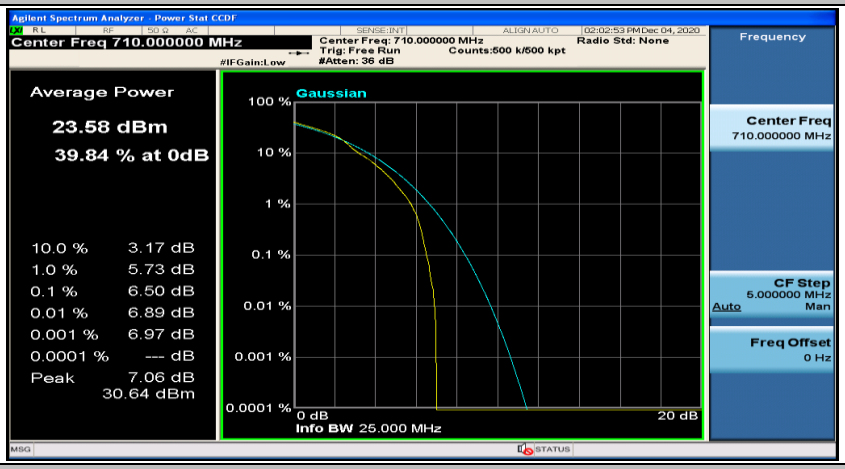
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



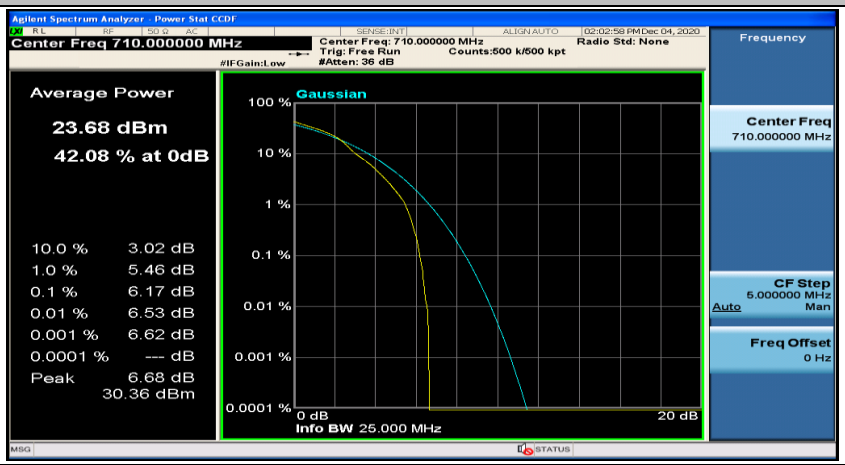
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



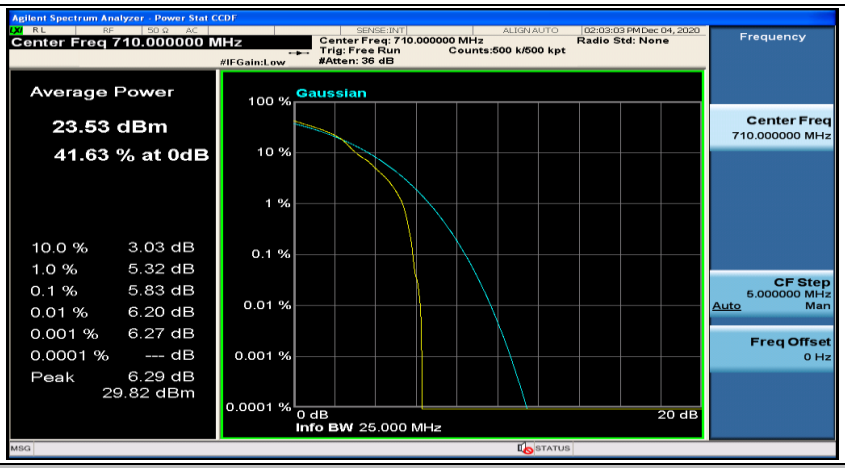
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



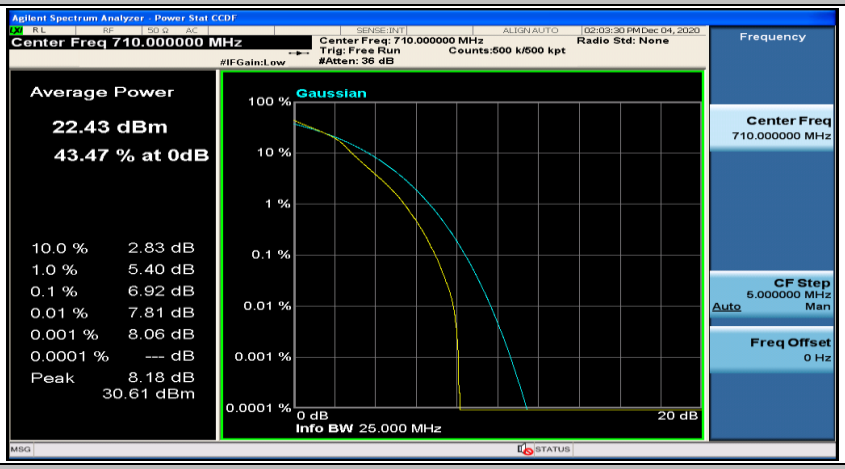
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



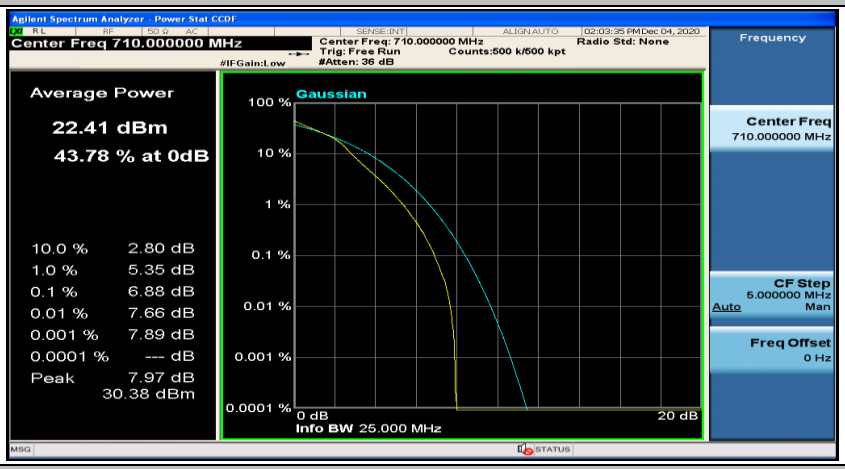
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



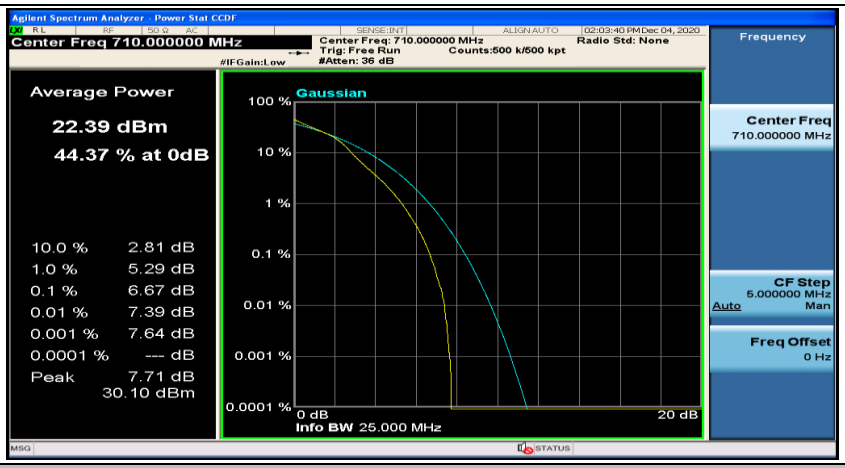
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



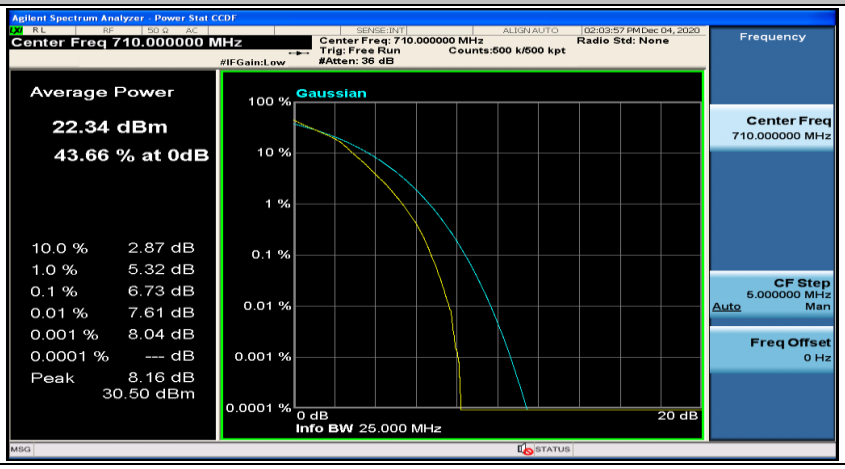
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

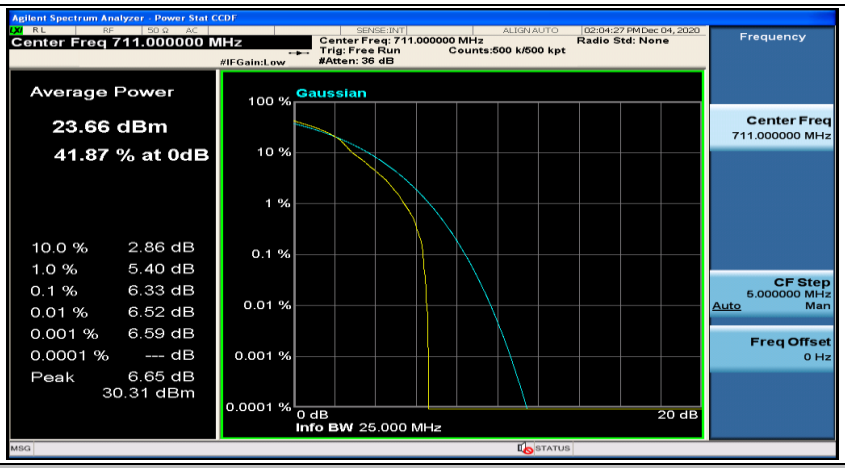


Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

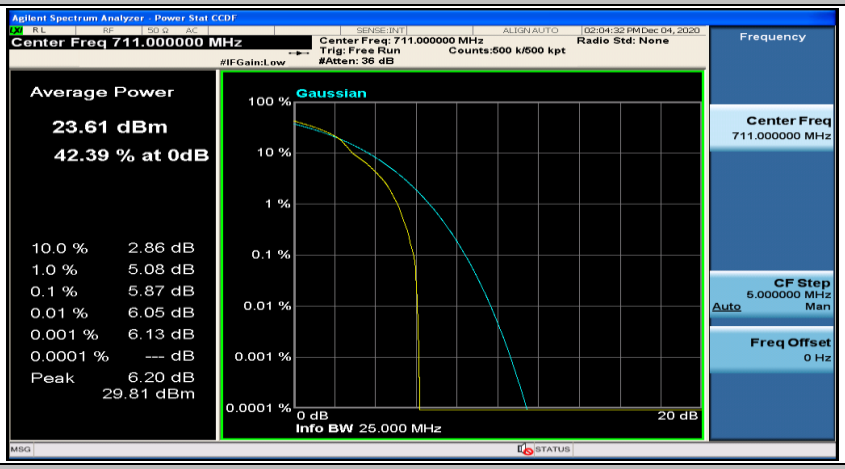


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

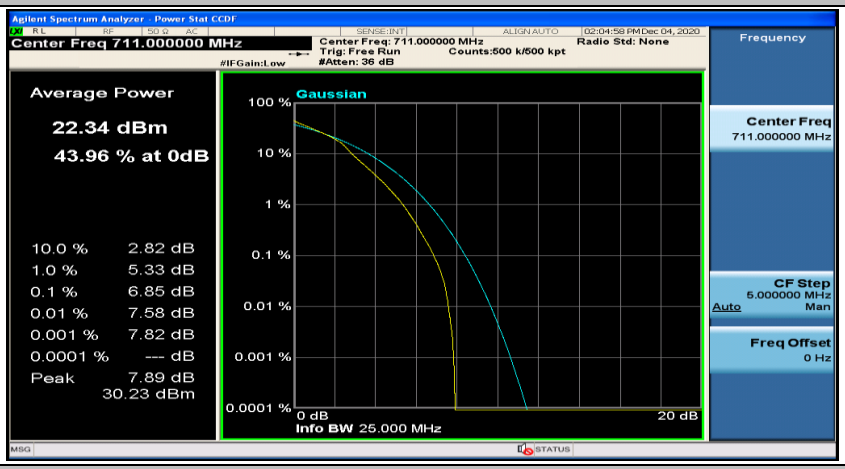
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



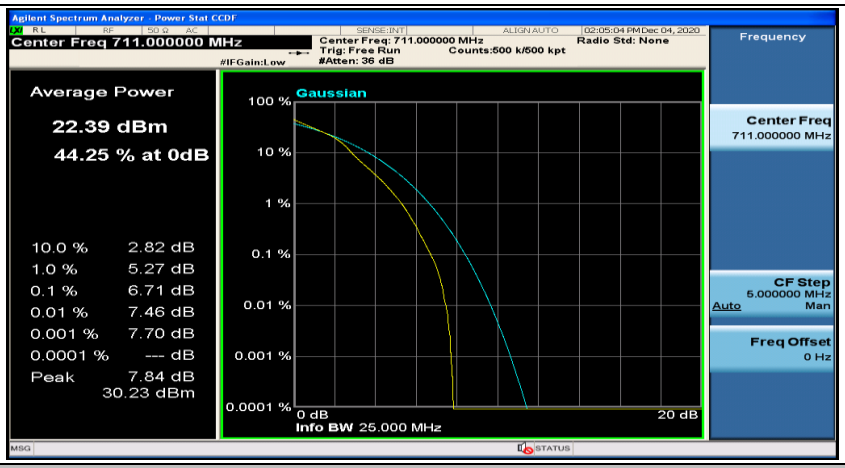
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



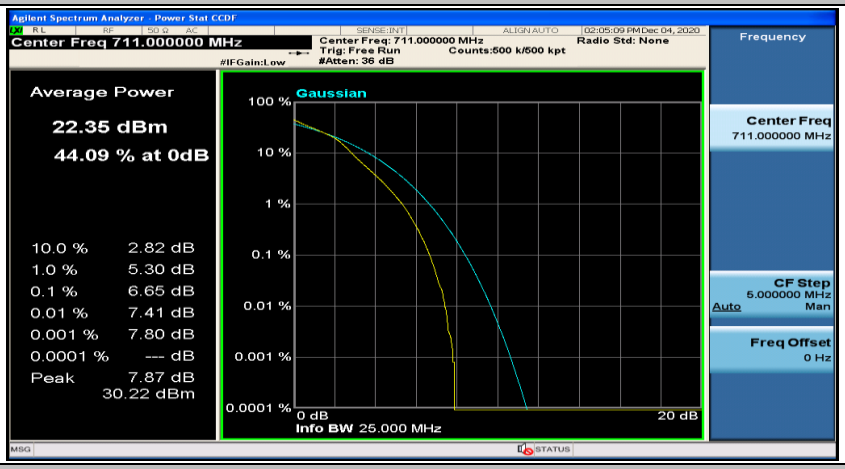
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



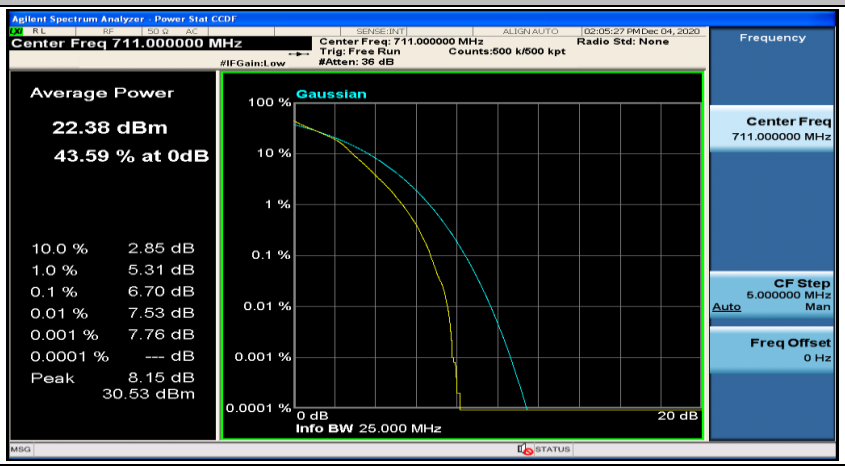
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix C: 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	25	0	4.4741	4.888	PASS
	MCH	25	0	4.4811	4.826	PASS
	HCH	25	0	4.4734	4.886	PASS
16QAM	LCH	25	0	4.4796	4.802	PASS
	MCH	25	0	4.4722	4.848	PASS
	HCH	25	0	4.4867	4.853	PASS

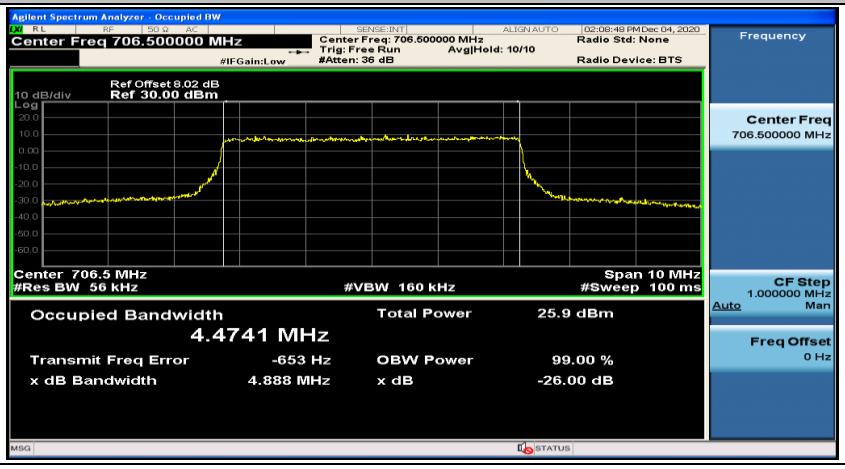
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9454	9.599	PASS
	MCH	50	0	8.9317	9.517	PASS
	HCH	50	0	8.9377	9.481	PASS
16QAM	LCH	50	0	8.9361	9.648	PASS
	MCH	50	0	8.9401	9.507	PASS
	HCH	50	0	8.9295	9.505	PASS

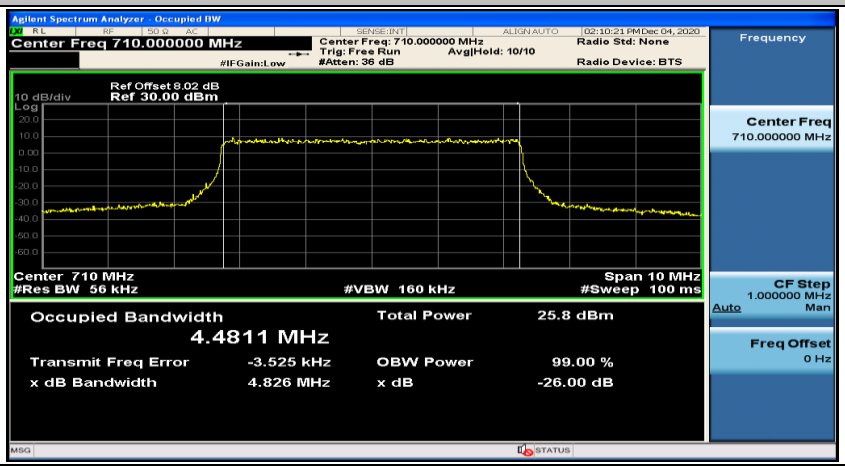
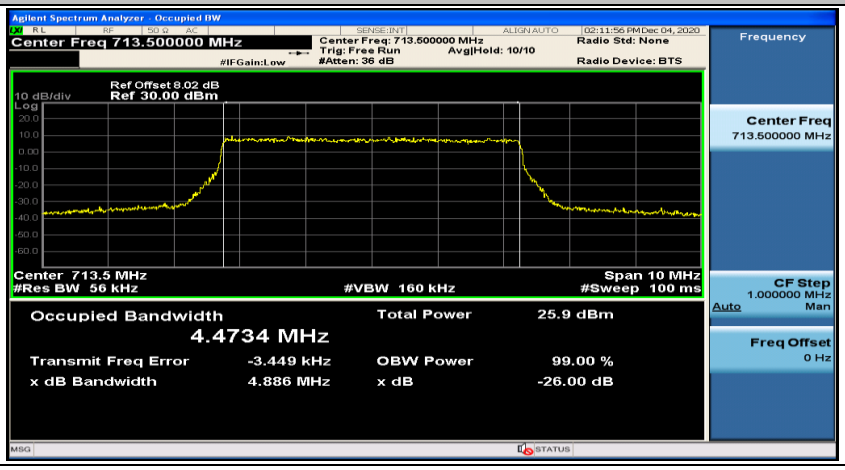
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0