

## E.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	4.02	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.05	<13	PASS
		12	6	4.93	<13	PASS
		12	13	5.04	<13	PASS
		25	0	5.4	<13	PASS
	MCH	1	0	4.71	<13	PASS
		1	12	4.66	<13	PASS
		1	24	4.77	<13	PASS
		12	0	5.05	<13	PASS
		12	6	4.96	<13	PASS
		12	13	5.07	<13	PASS
		25	0	5.48	<13	PASS
	HCH	1	0	4.62	<13	PASS
		1	12	4.87	<13	PASS
		1	24	4.77	<13	PASS
		12	0	5.01	<13	PASS
		12	6	4.99	<13	PASS
		12	13	5.13	<13	PASS
		25	0	5.42	<13	PASS
16QAM	LCH	1	0	4.51	<13	PASS
		1	12	5.61	<13	PASS
		1	24	5.66	<13	PASS
		12	0	6	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.92	<13	PASS
		25	0	6.21	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	12	5.3	<13	PASS
		1	24	5.5	<13	PASS
		12	0	5.96	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.98	<13	PASS
		25	0	6.22	<13	PASS

	HCH	1	0	5.45	<13	PASS
		1	12	5.74	<13	PASS
		1	24	5.58	<13	PASS
		12	0	5.88	<13	PASS
		12	6	5.92	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.28	<13	PASS

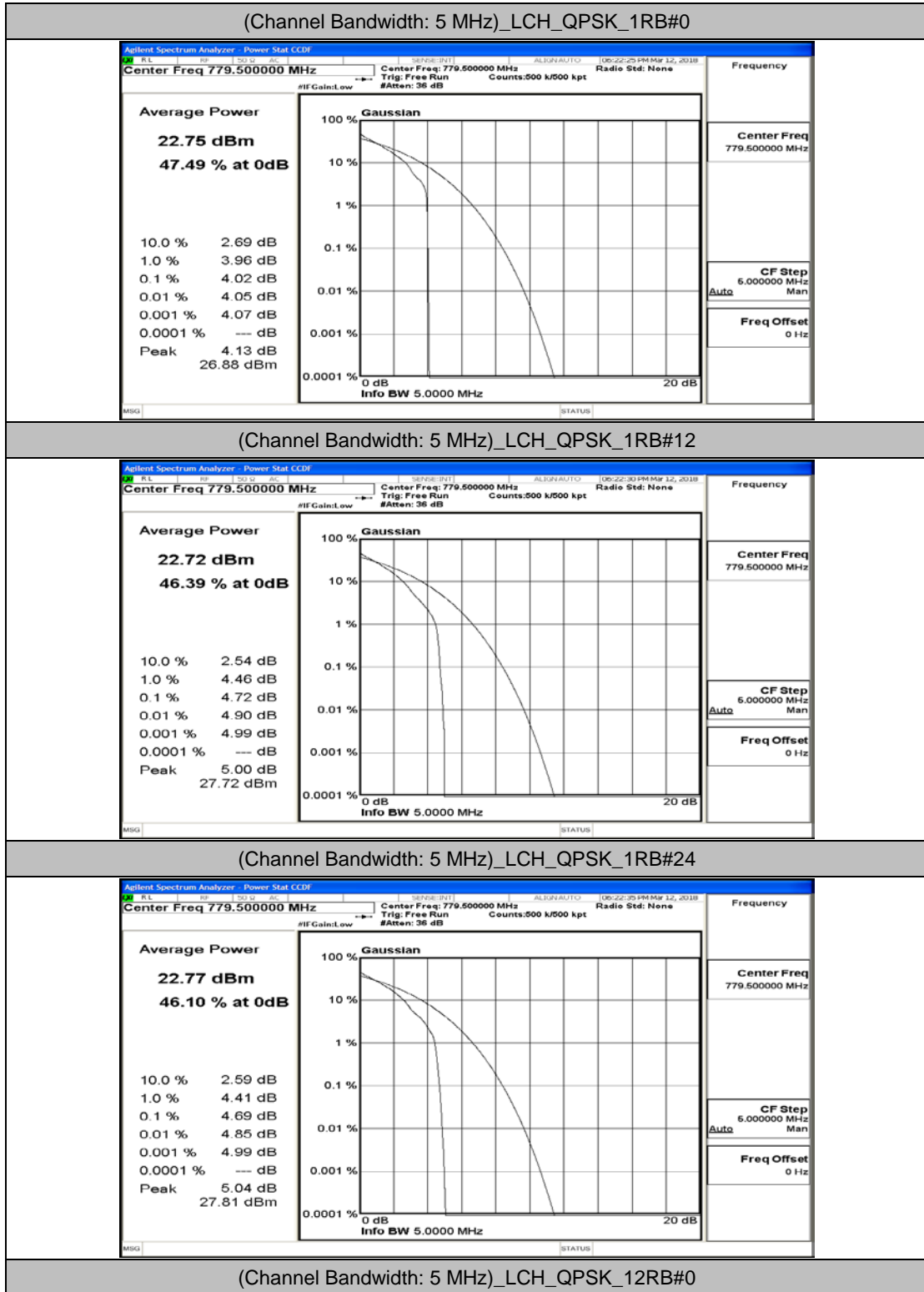
## Channel Bandwidth: 10 MHz

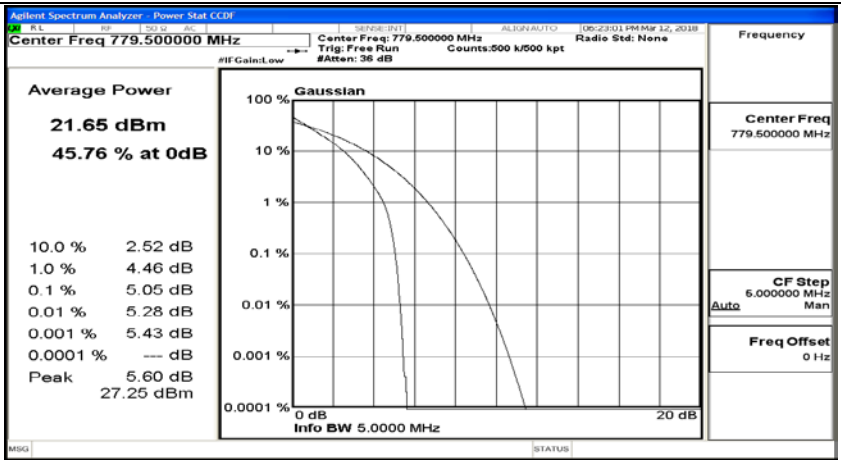
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.36	<13	PASS
		1	24	4.62	<13	PASS
		1	49	4.74	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.09	<13	PASS
		25	25	5.08	<13	PASS
		50	0	5.47	<13	PASS
	MCH	1	0	4.32	<13	PASS
		1	24	4.64	<13	PASS
		1	49	4.8	<13	PASS
		25	0	5.15	<13	PASS
		25	12	5.1	<13	PASS
		25	25	5.09	<13	PASS
		50	0	5.45	<13	PASS
	HCH	1	0	4.35	<13	PASS
		1	24	4.6	<13	PASS
		1	49	4.82	<13	PASS
		25	0	5.13	<13	PASS
		25	12	5.09	<13	PASS
		25	25	5.09	<13	PASS
		50	0	5.47	<13	PASS
16QAM	LCH	1	0	4.85	<13	PASS
		1	24	5.56	<13	PASS
		1	49	5.6	<13	PASS
		25	0	6	<13	PASS
		25	12	5.93	<13	PASS
		25	25	5.99	<13	PASS
		50	0	6.22	<13	PASS
	MCH	1	0	4.91	<13	PASS
		1	24	5.55	<13	PASS
		1	49	5.61	<13	PASS
		25	0	6	<13	PASS
		25	12	5.93	<13	PASS
		25	25	6.02	<13	PASS
		50	0	6.22	<13	PASS
	HCH	1	0	4.79	<13	PASS
		1	24	5.46	<13	PASS
		1	49	5.56	<13	PASS

		25	0	6	<13	PASS
		25	12	5.93	<13	PASS
		25	25	6	<13	PASS
		50	0	6.22	<13	PASS

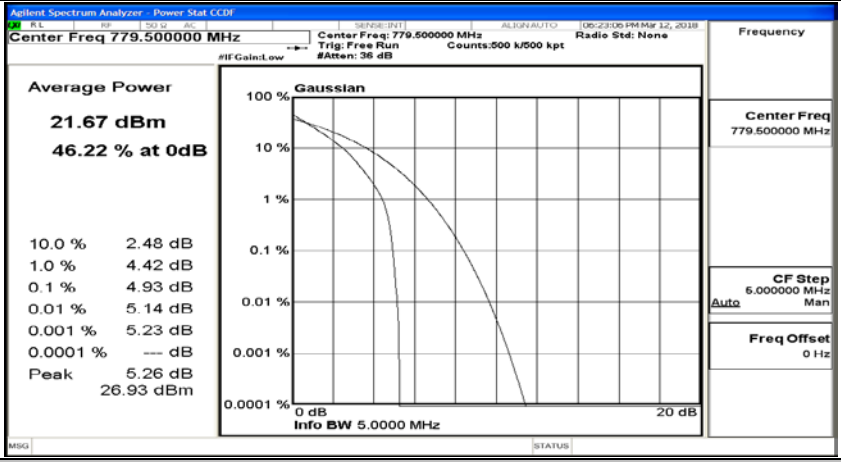
# Test Graphs

## Channel Bandwidth: 5 MHz

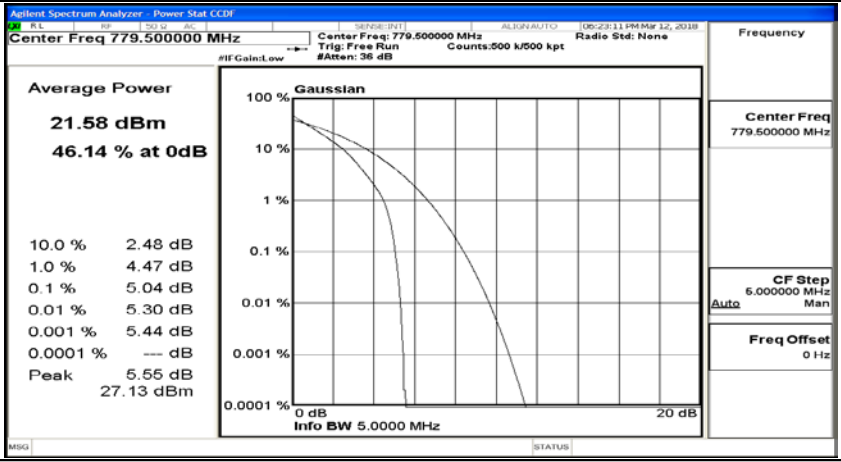




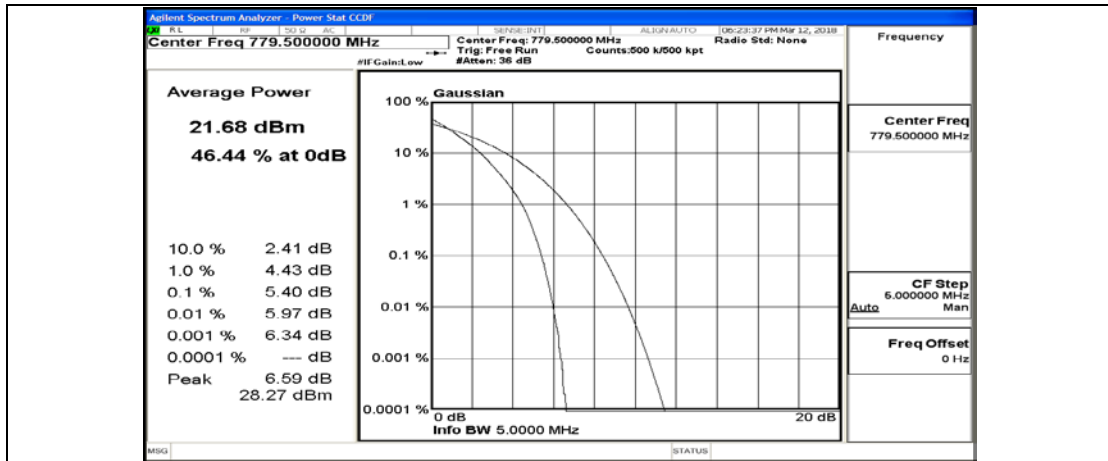
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



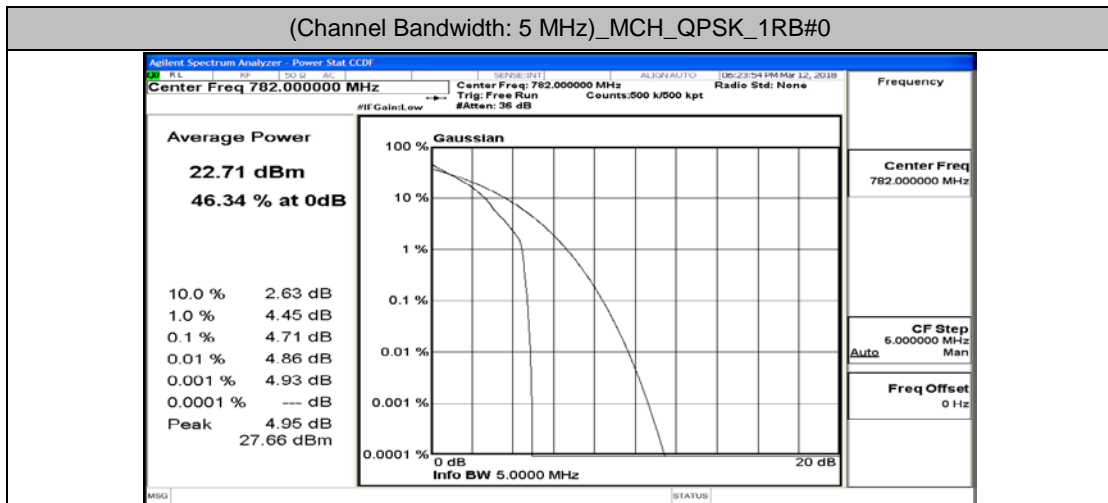
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



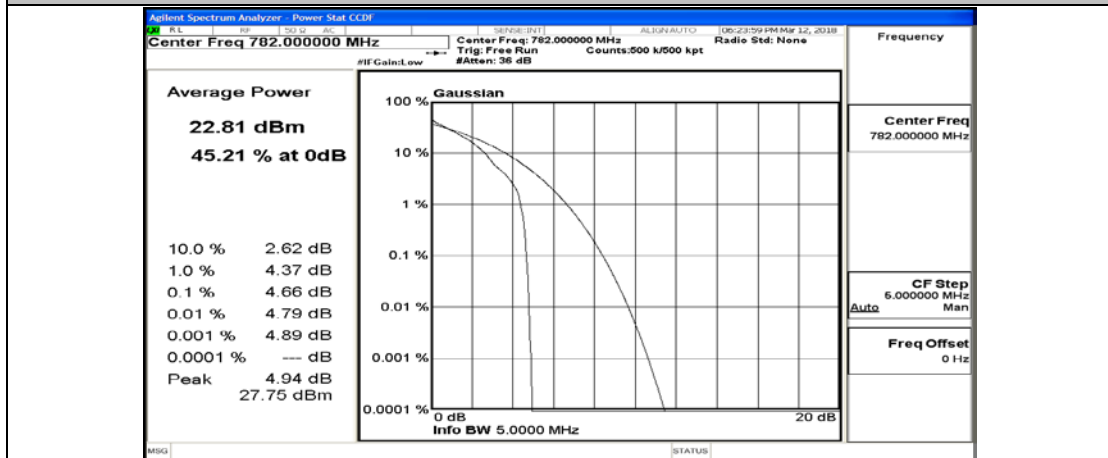
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



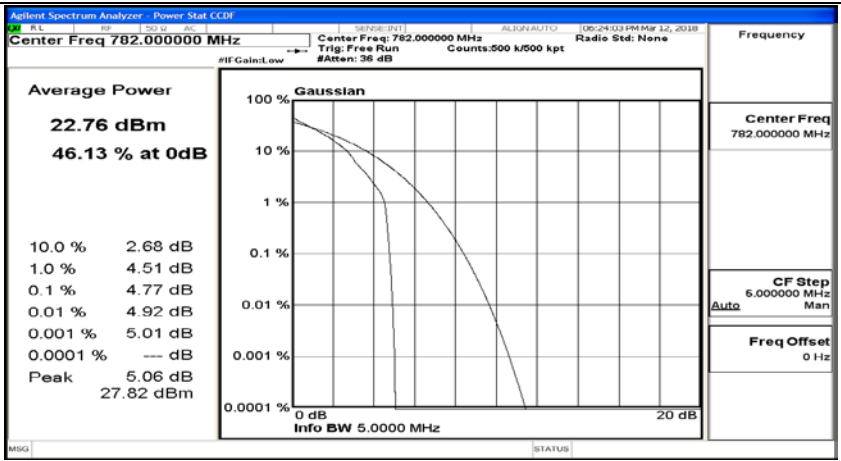
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



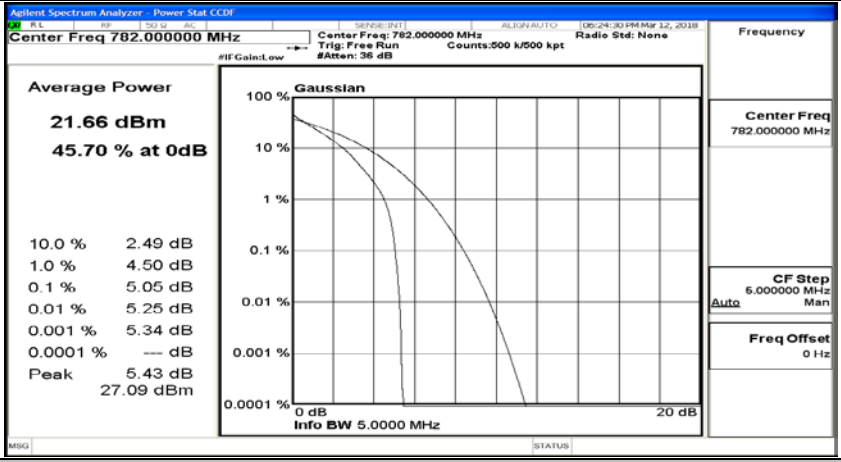
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



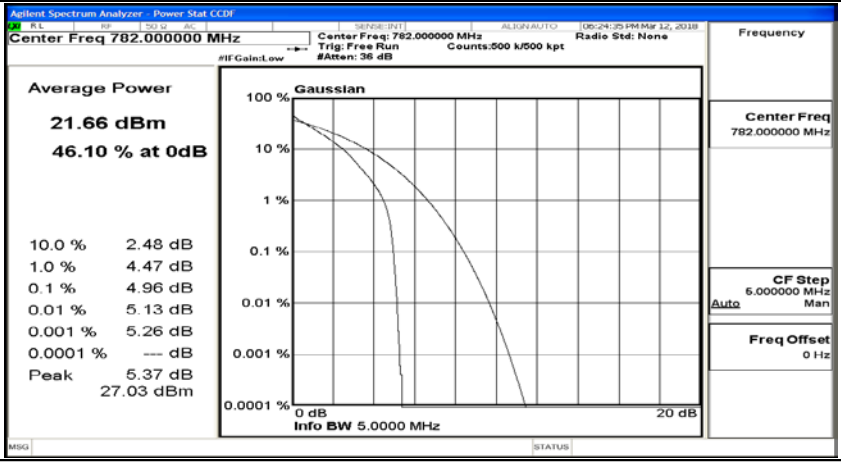
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#0

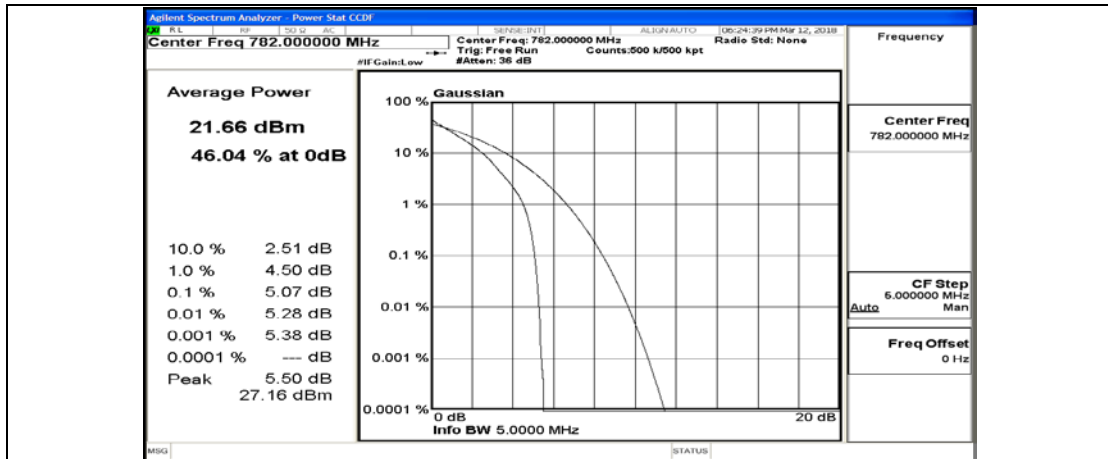


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#6

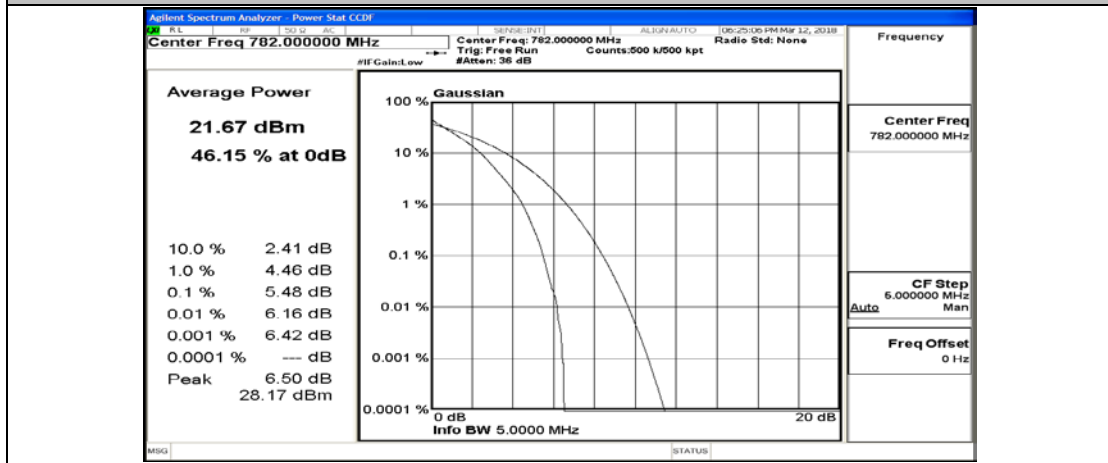


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13

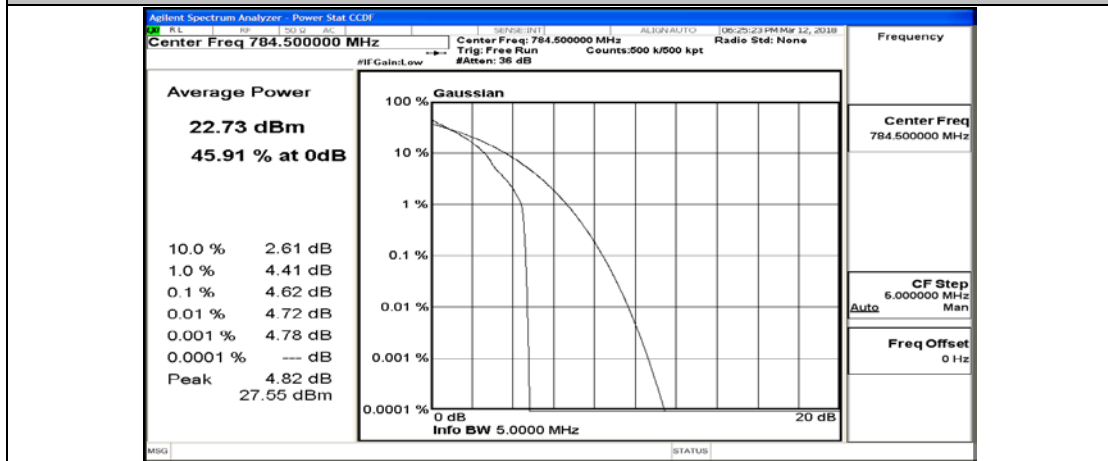




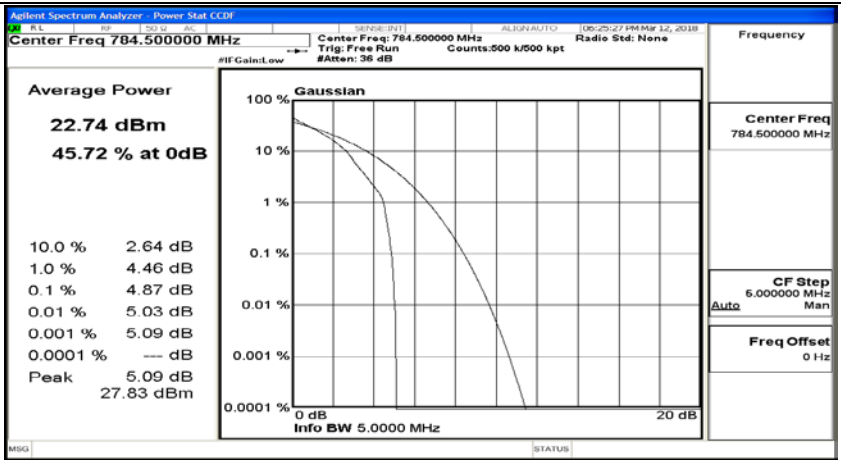
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



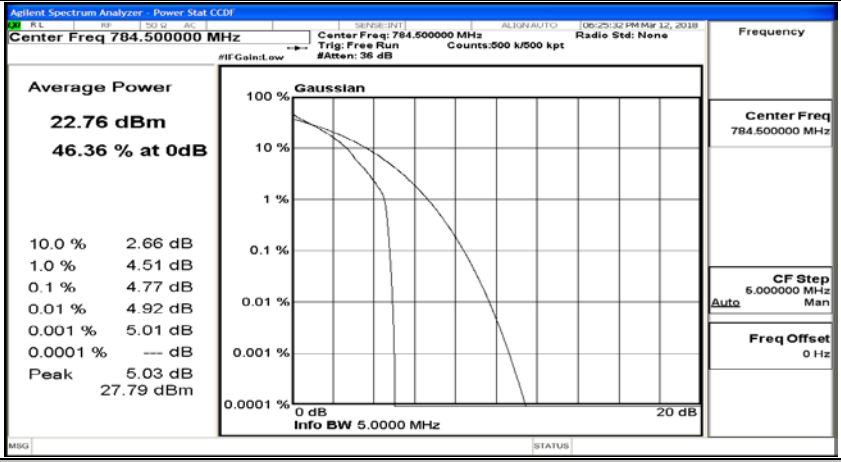
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



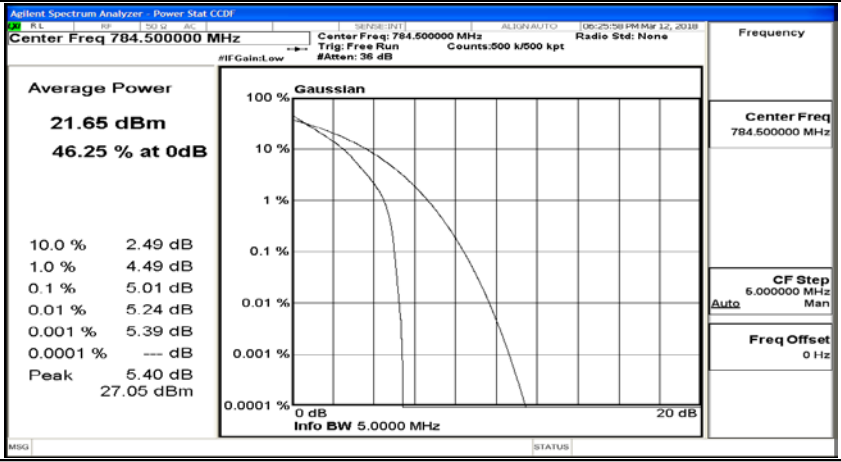
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



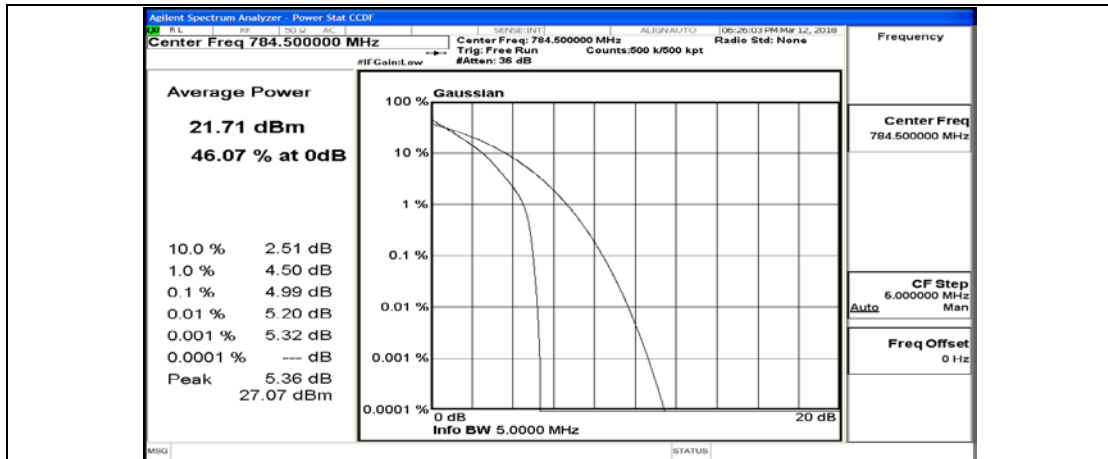
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



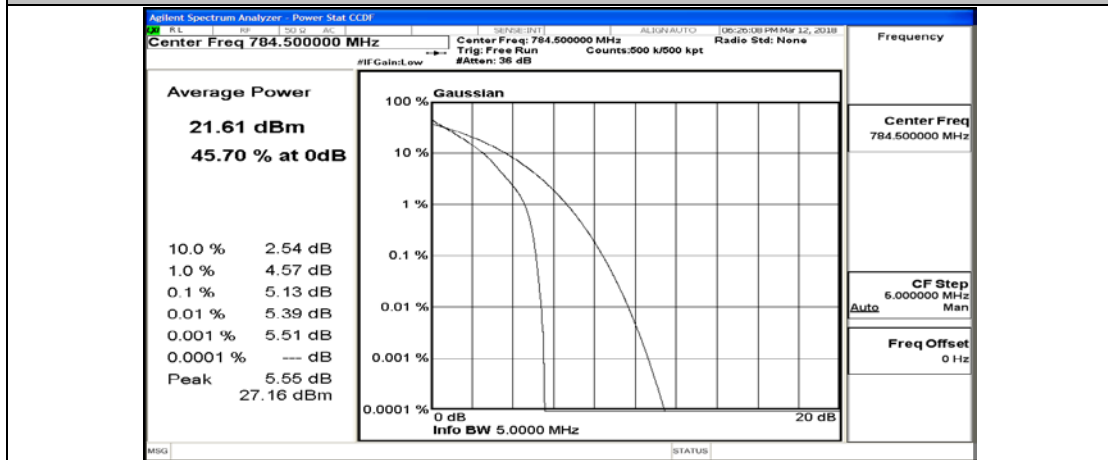
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



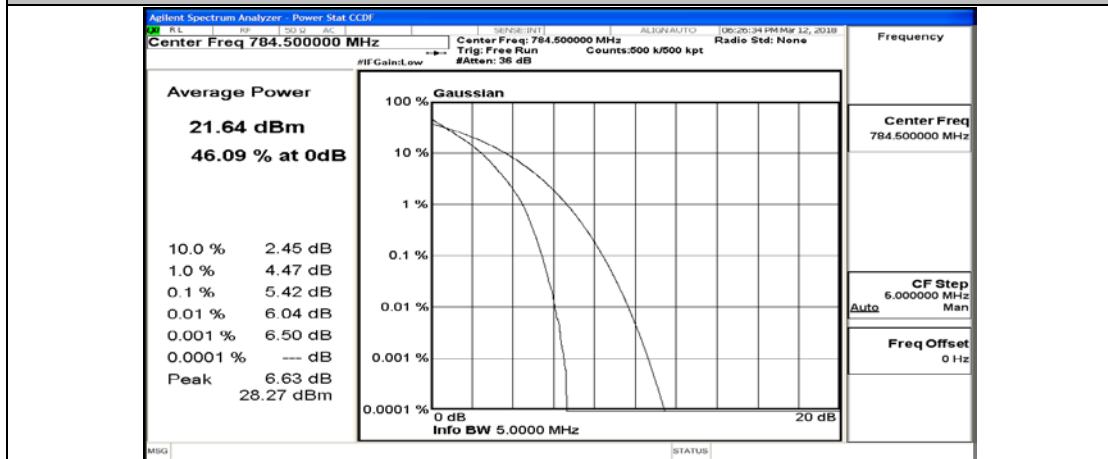
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6



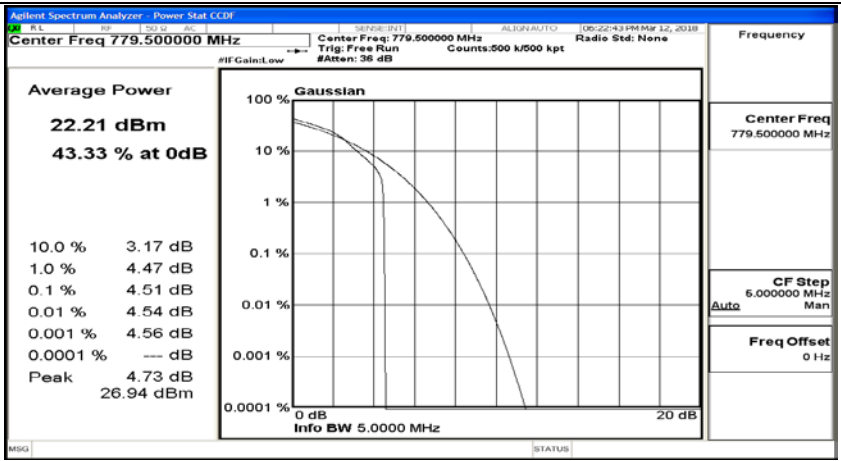
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



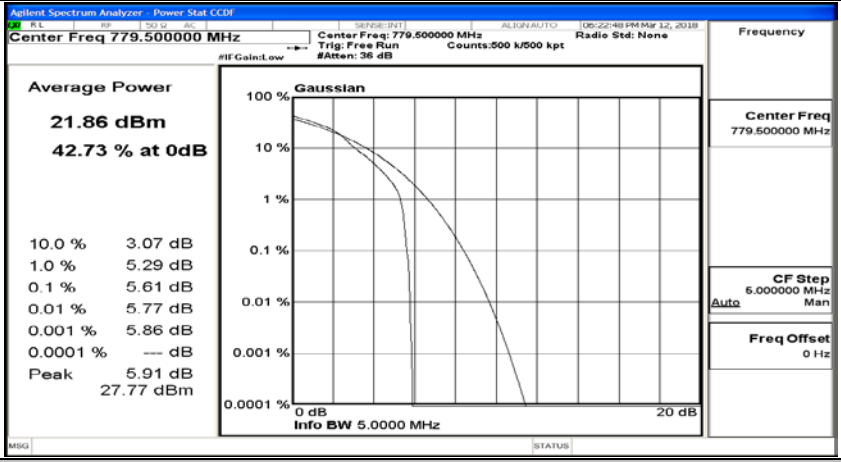
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



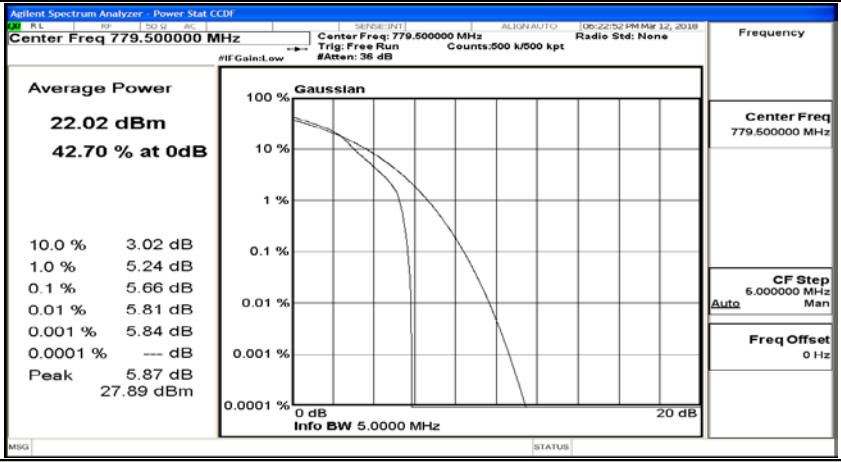
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



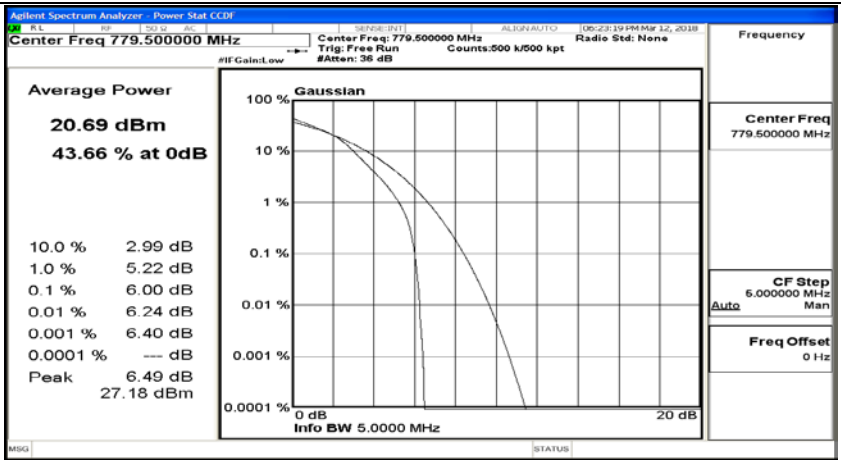
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



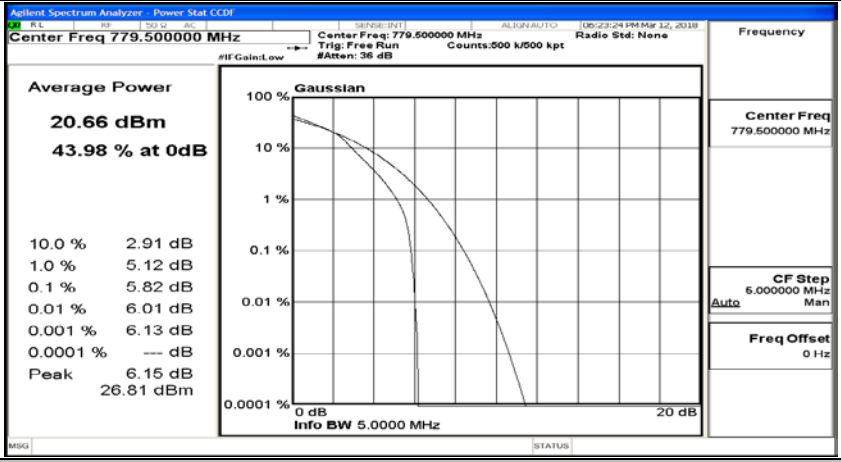
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24



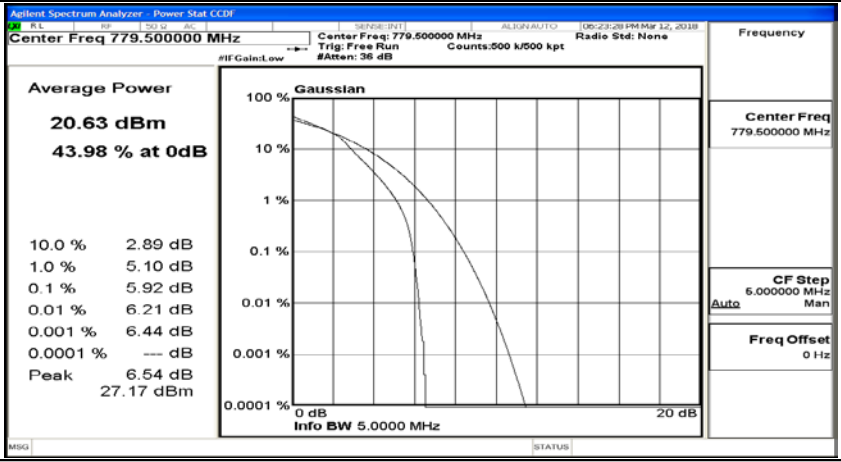
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#0



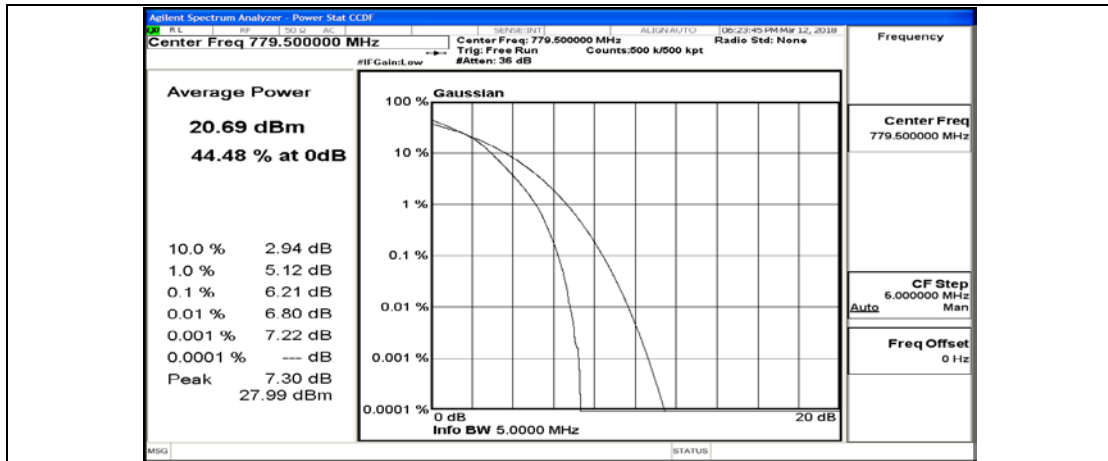
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#6



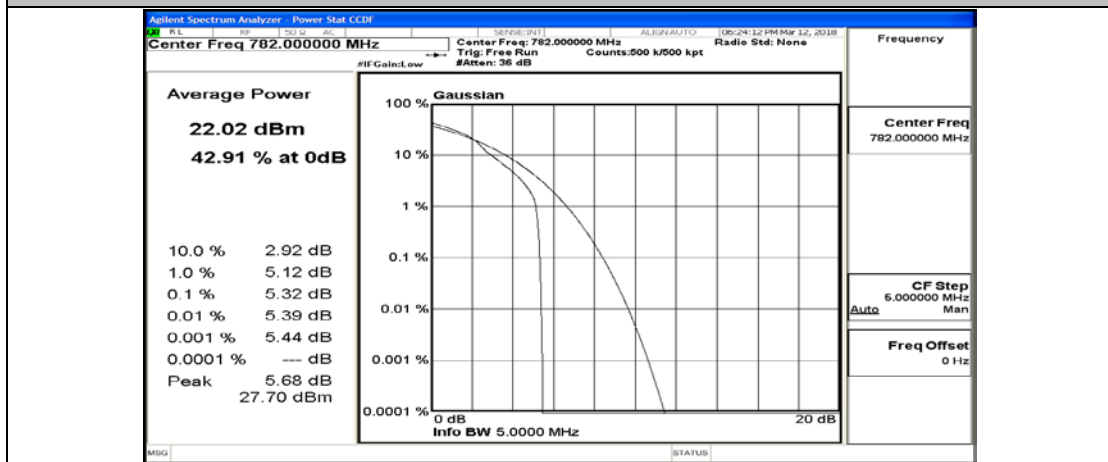
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_12RB#13



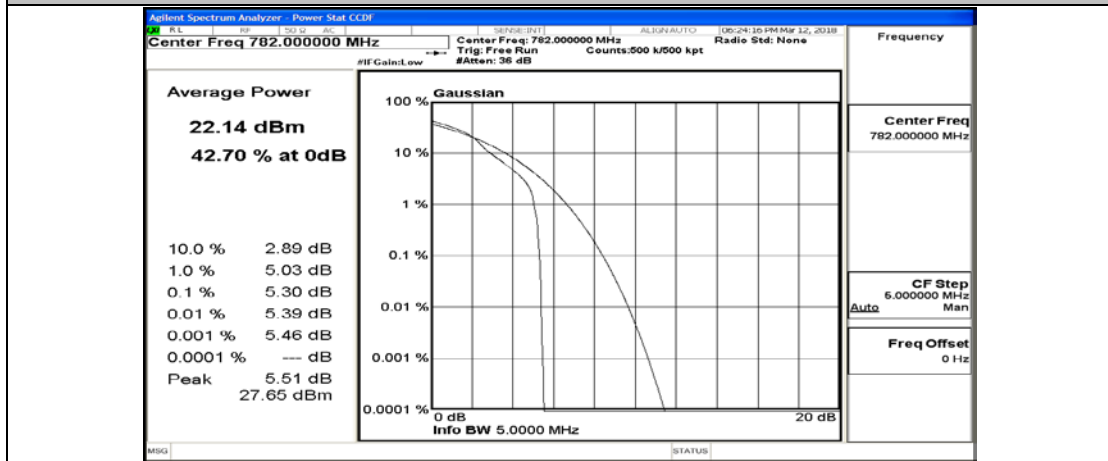
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



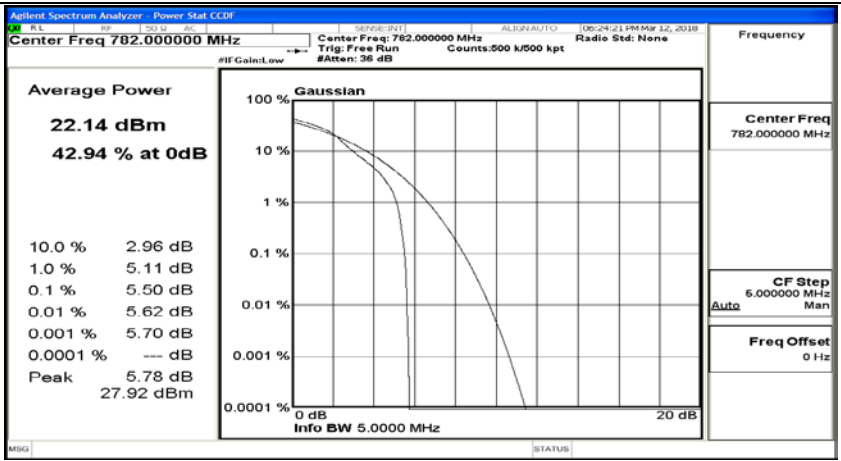
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0



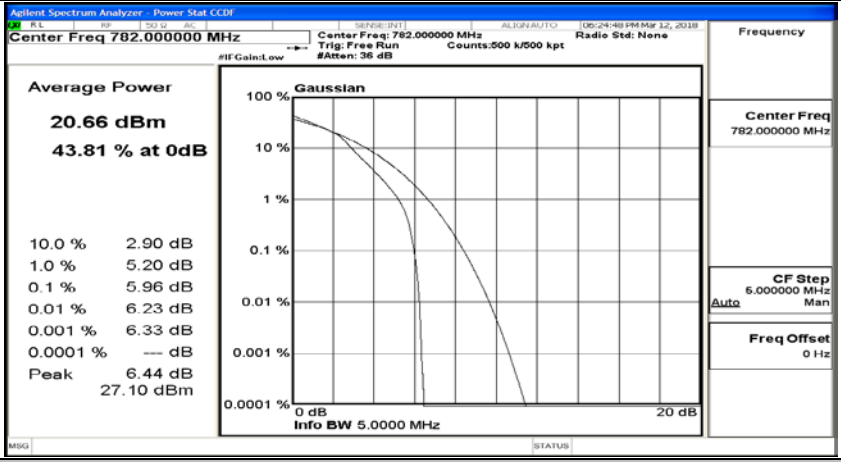
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



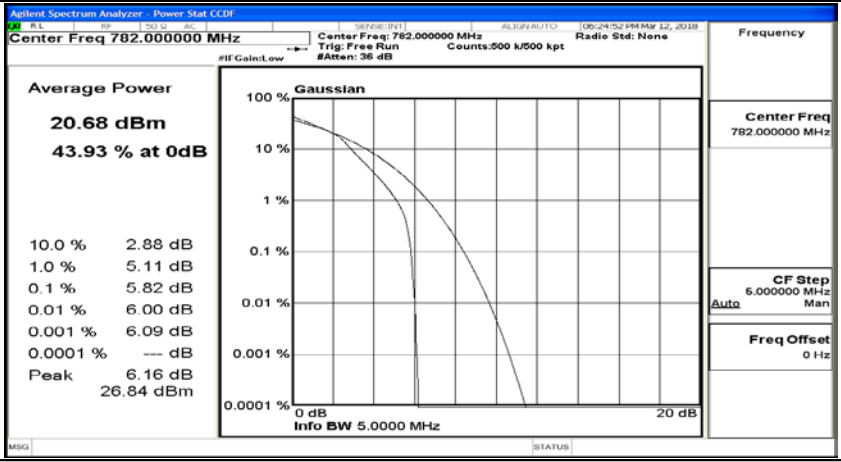
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24



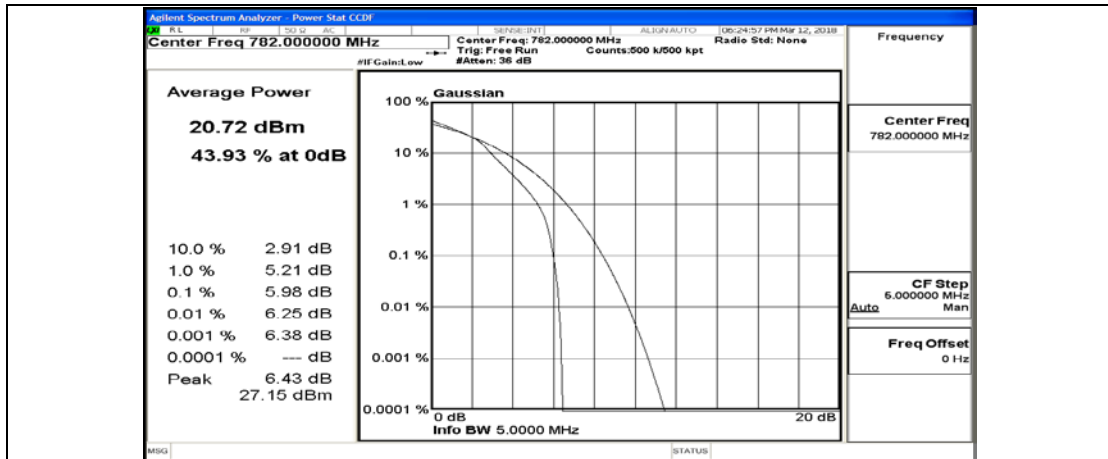
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#0



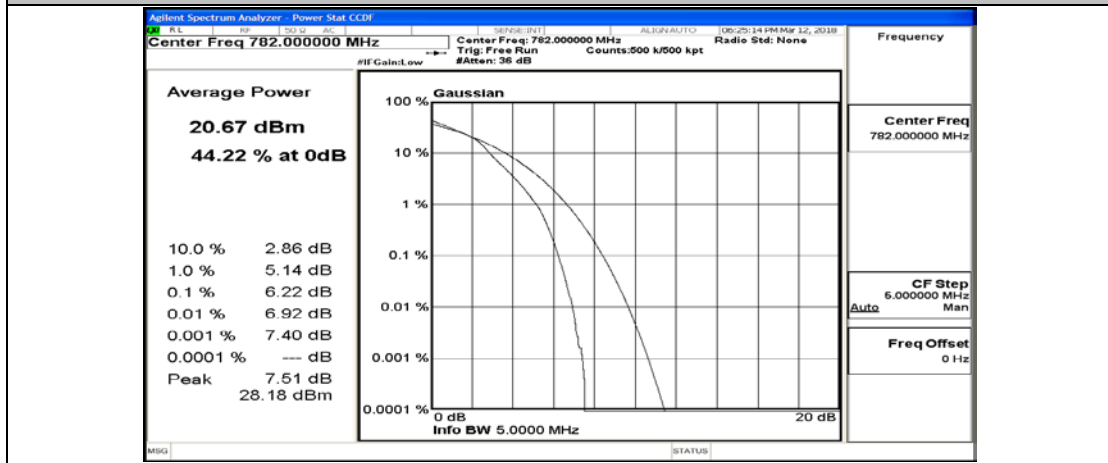
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#6



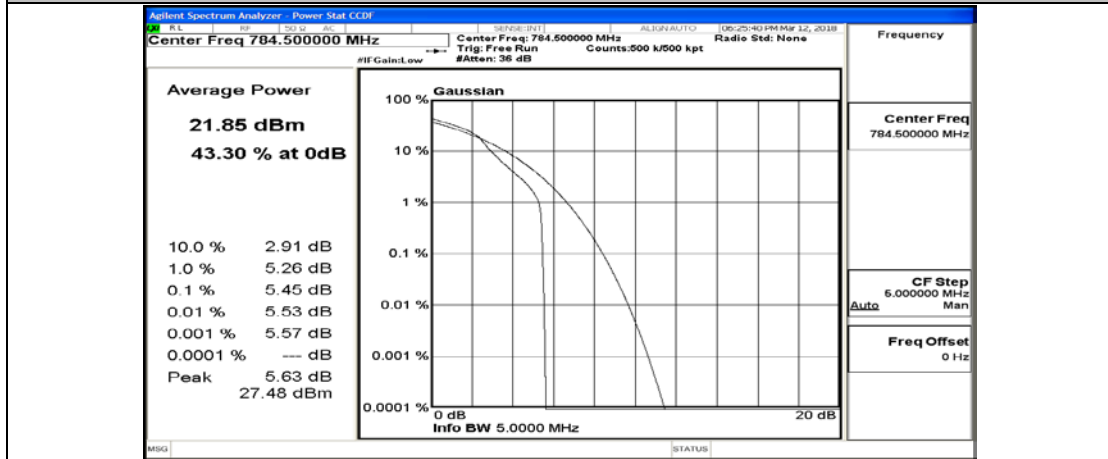
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0

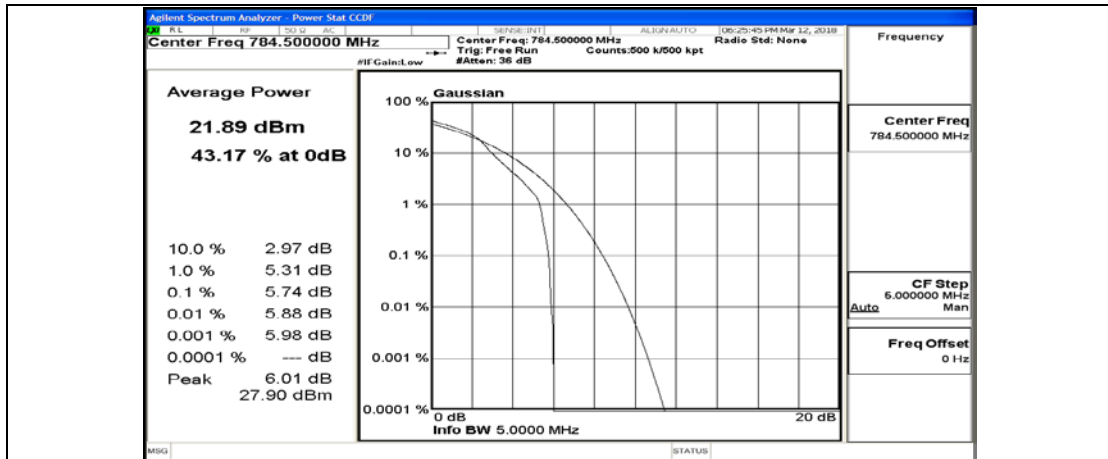


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0

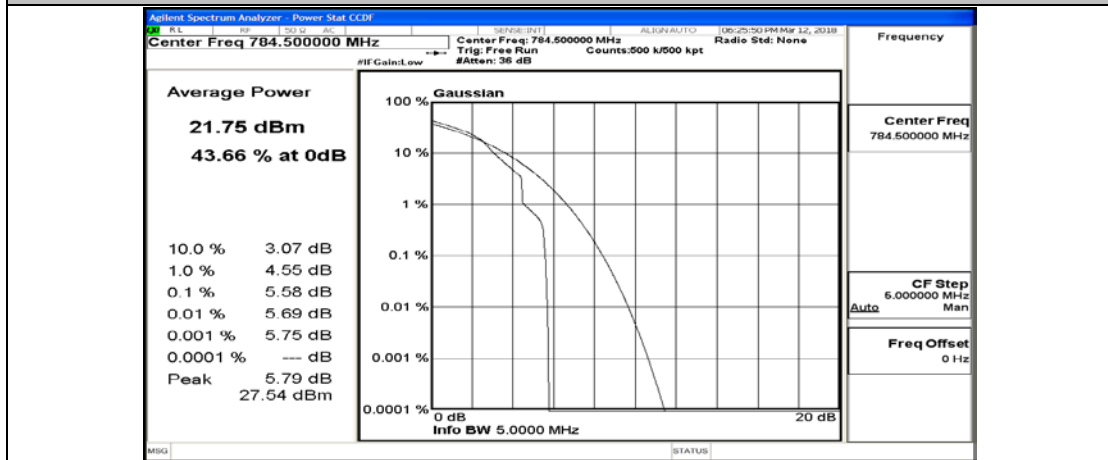


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12

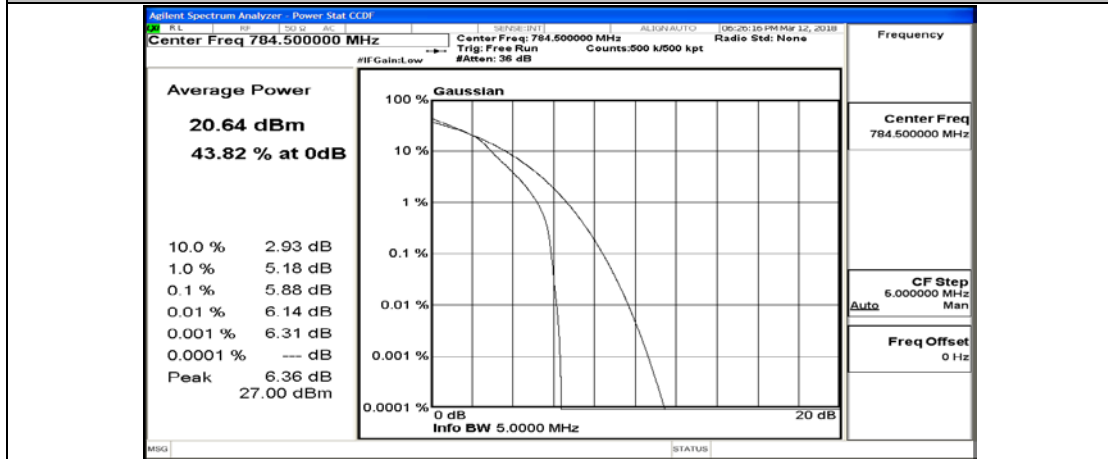




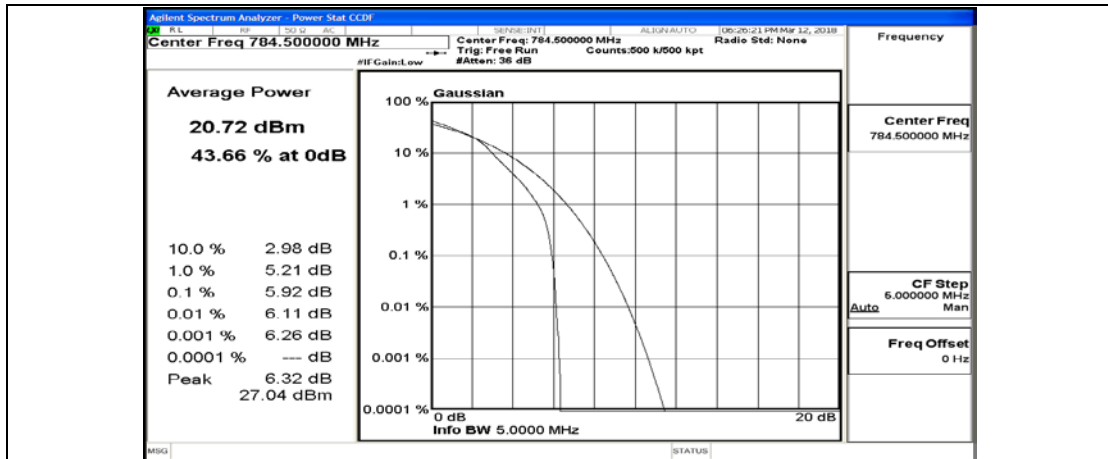
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



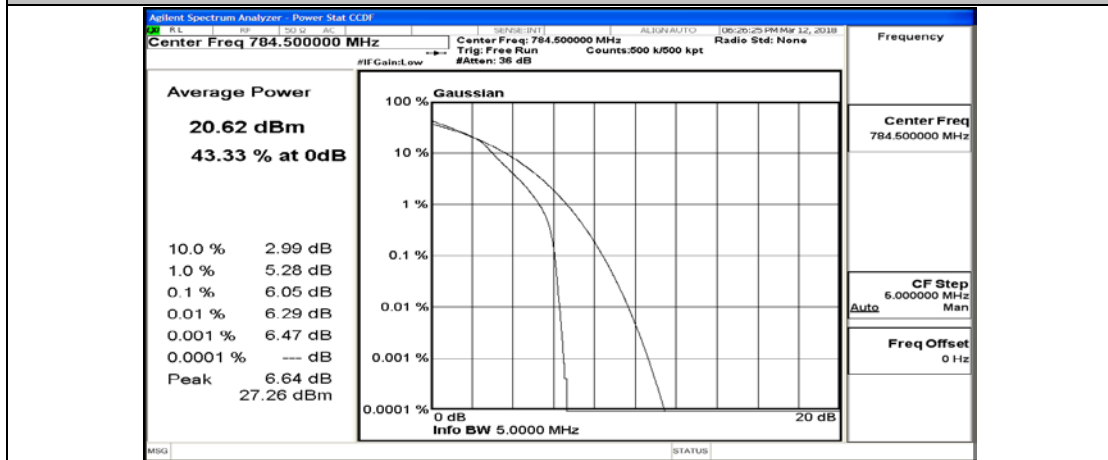
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



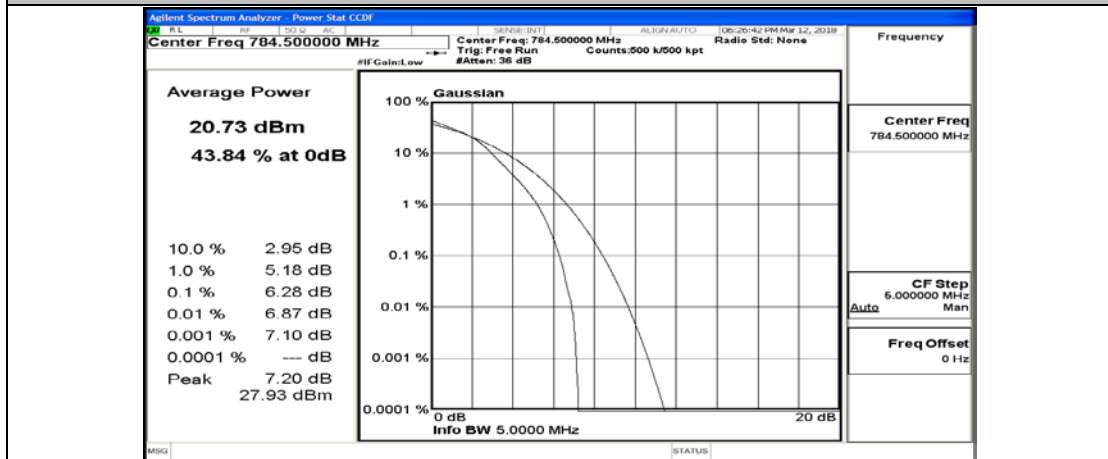
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13

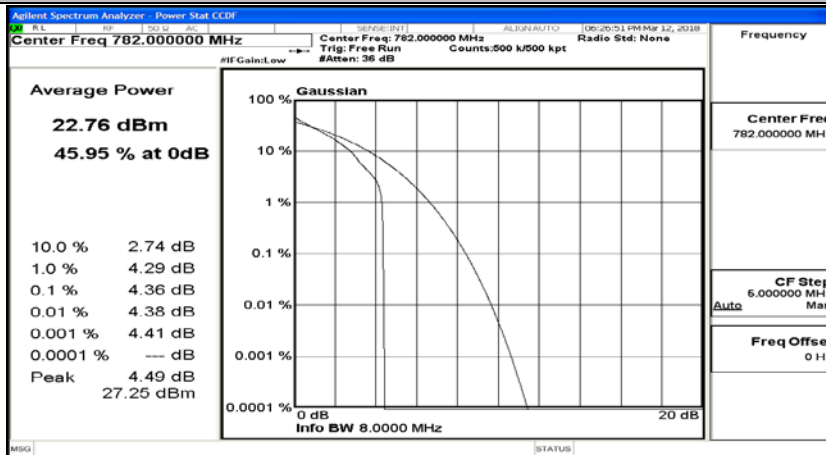


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

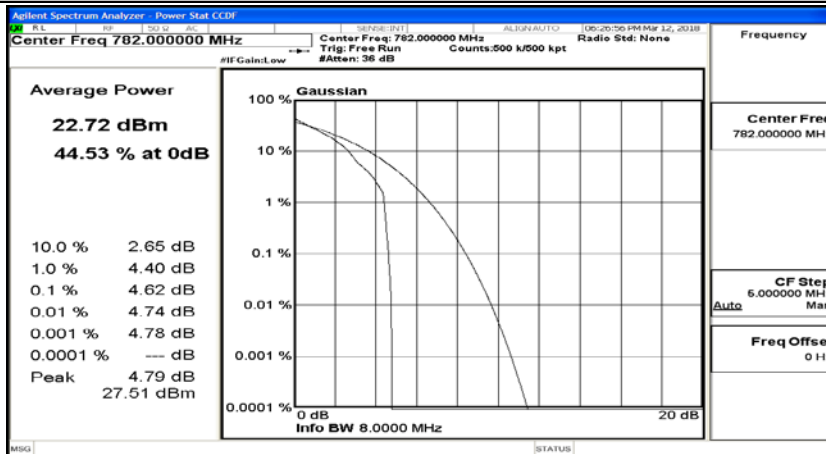


# Channel Bandwidth: 10 MHz

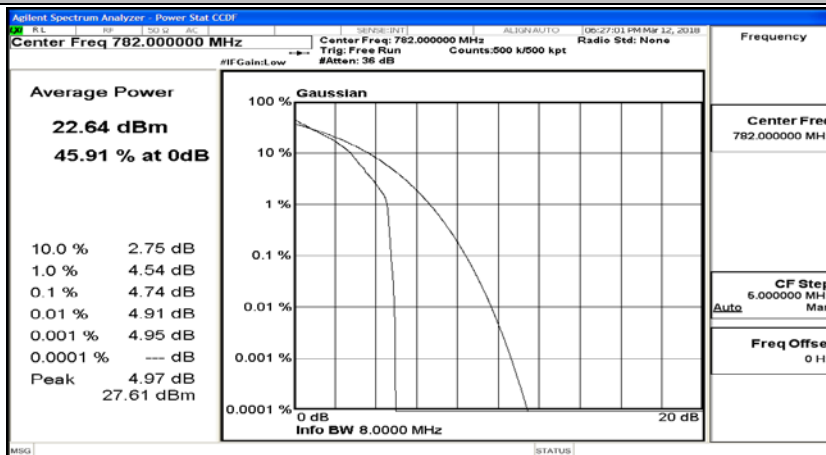
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#0



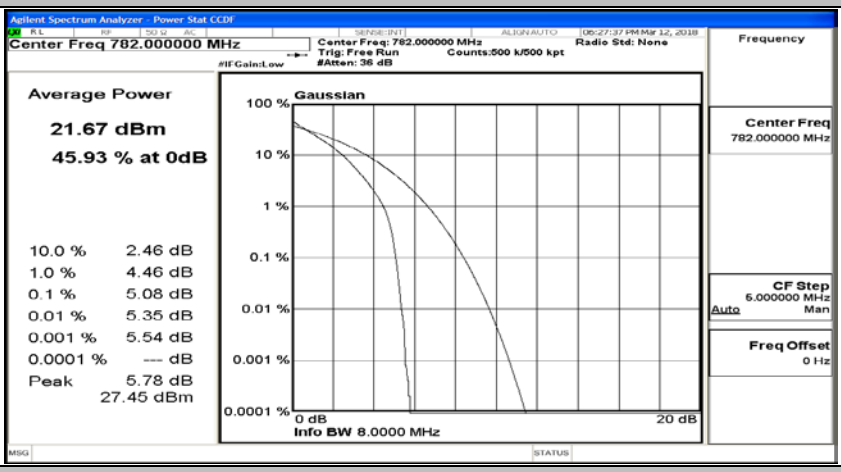
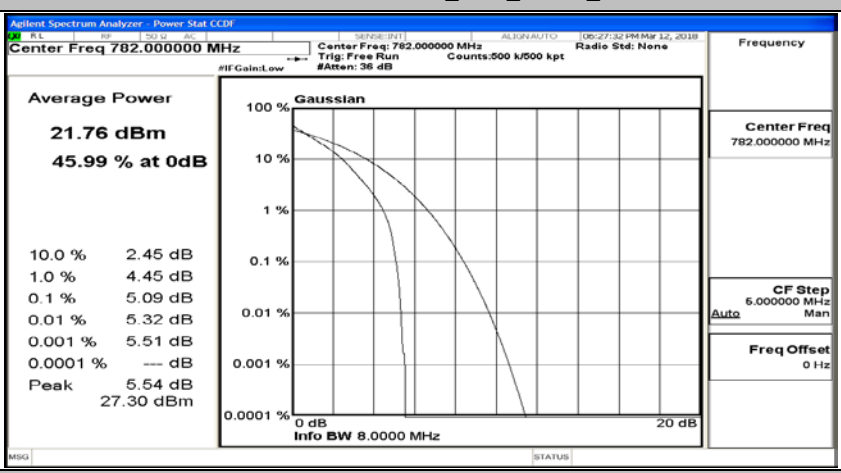
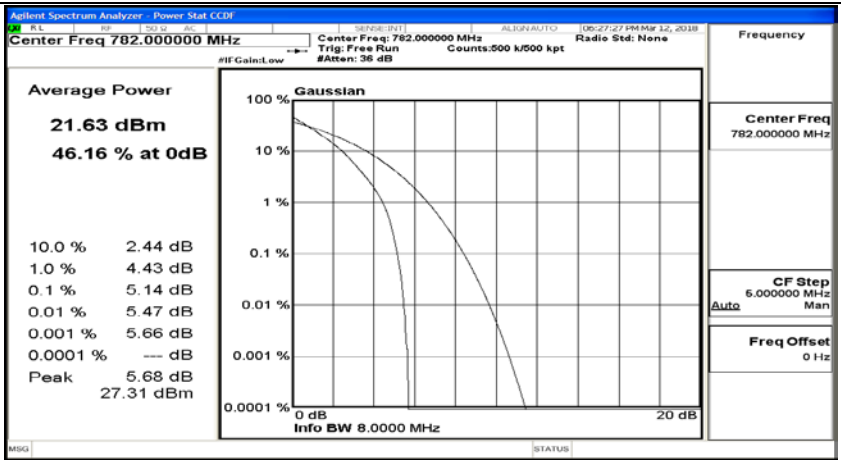
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#24

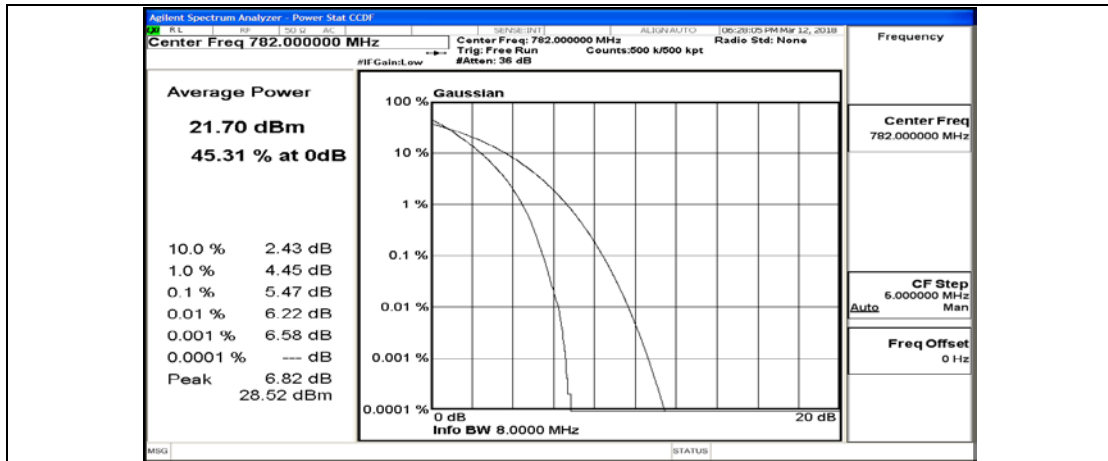


Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#49

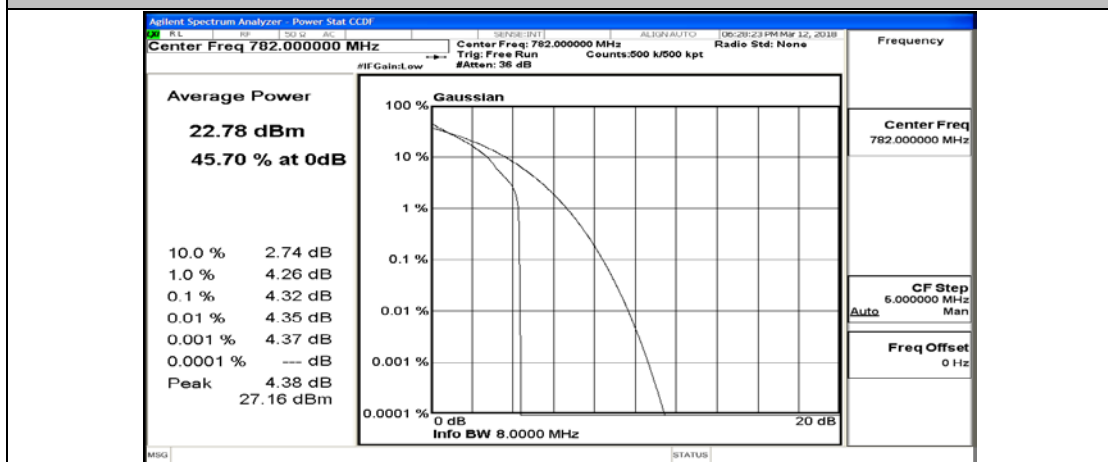


Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#0

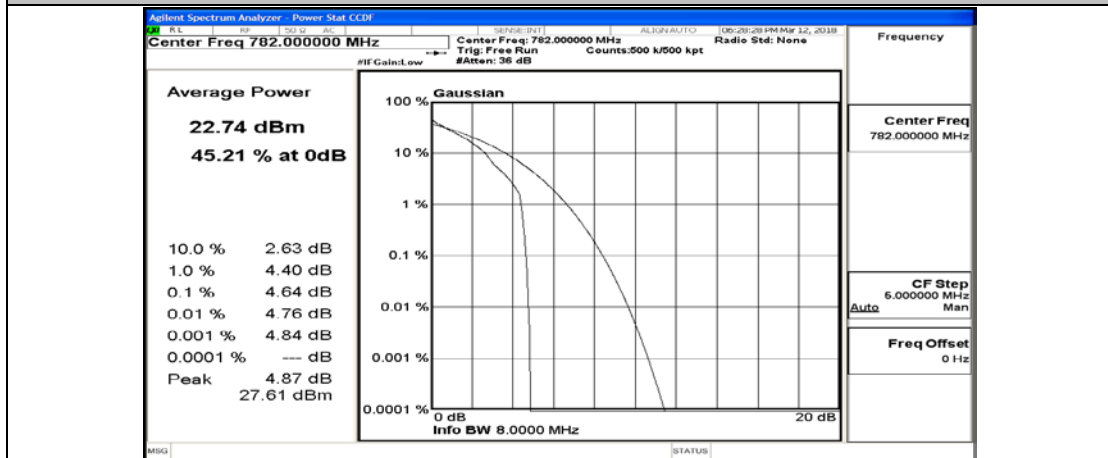




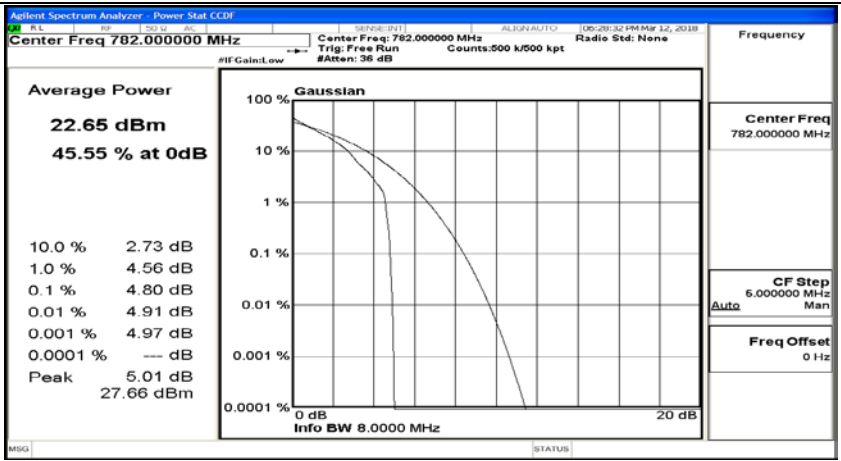
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0



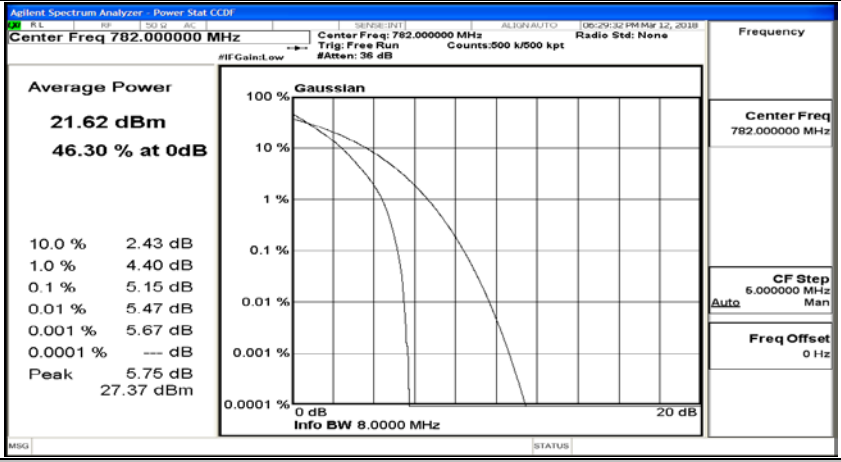
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24



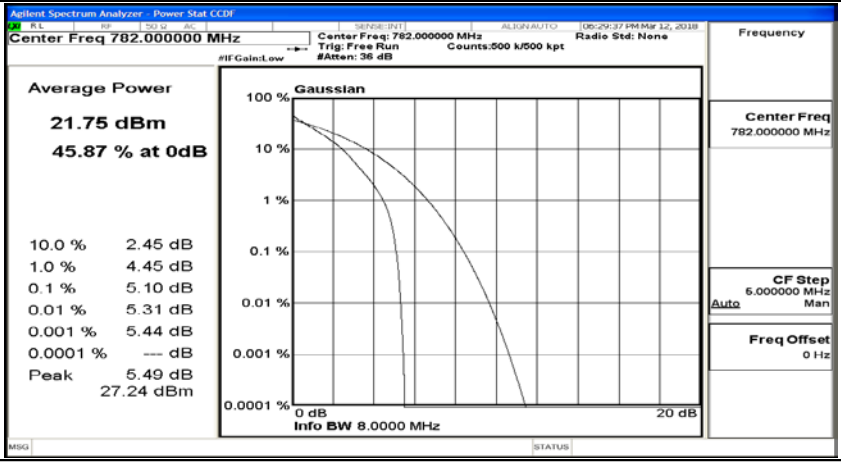
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49



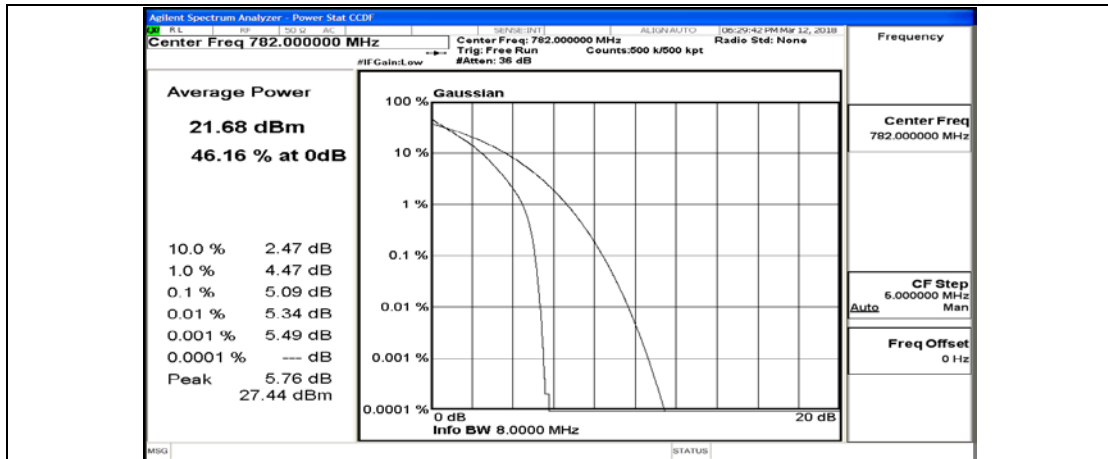
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#0



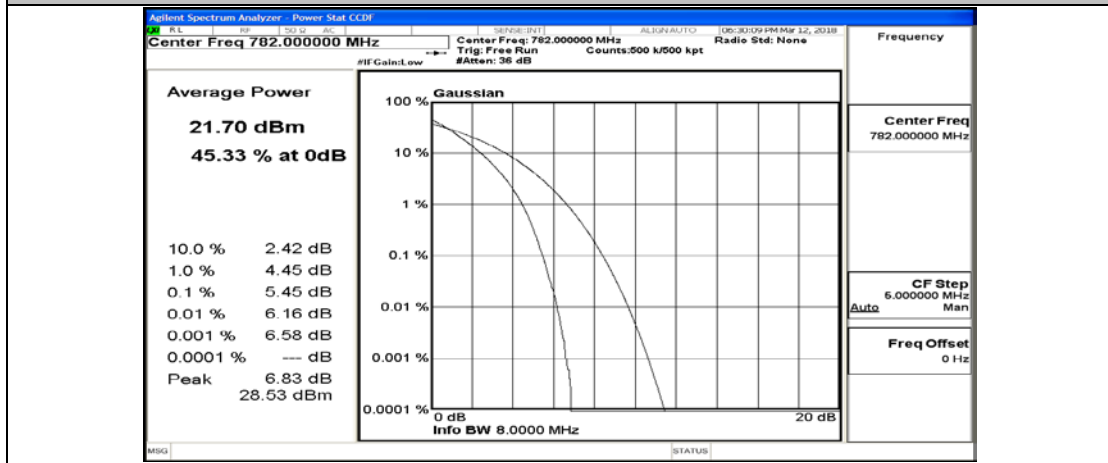
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#12



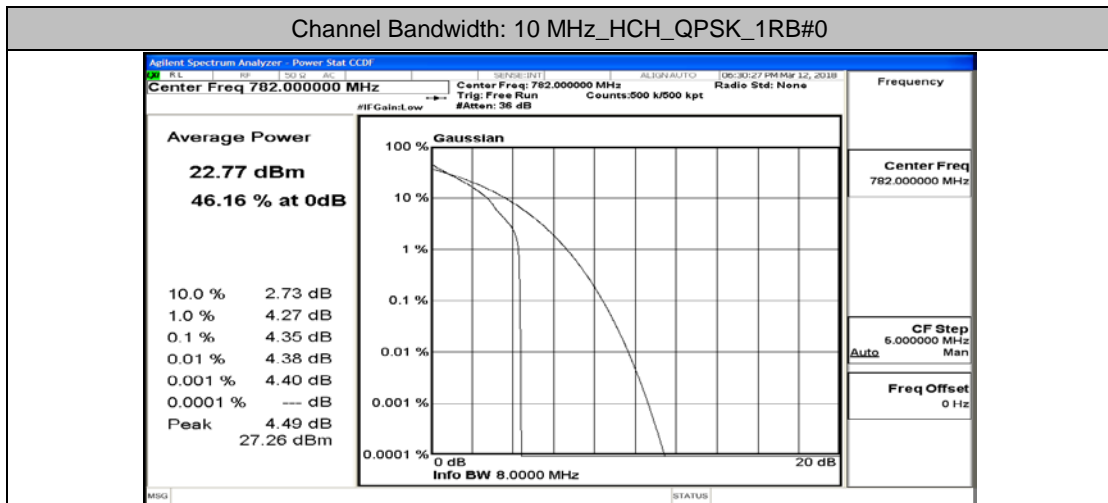
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#25



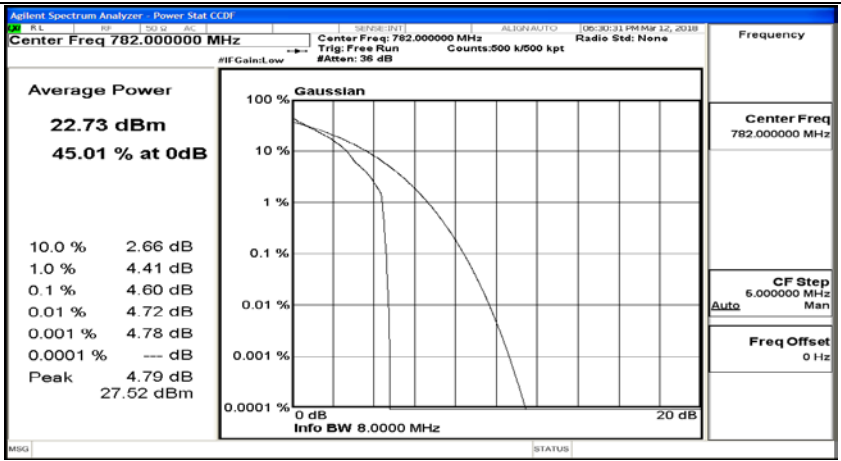
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



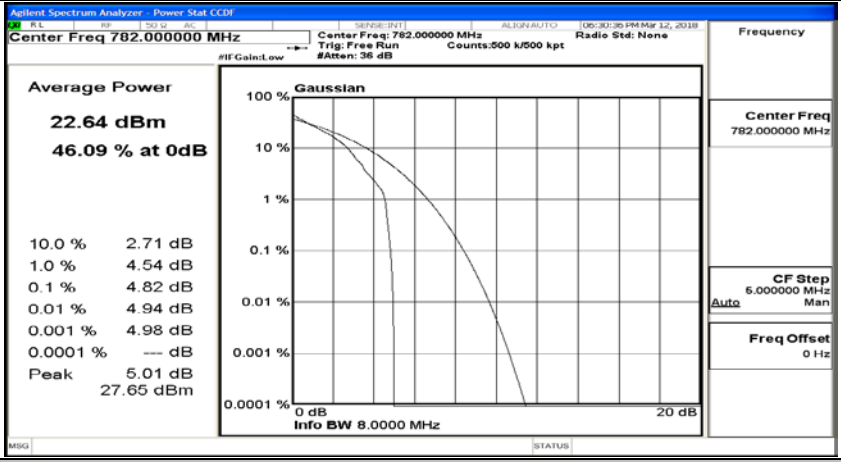
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



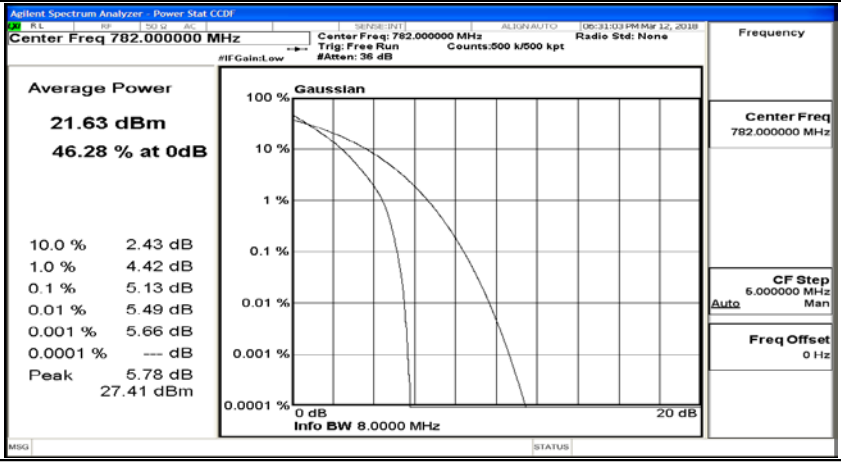
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49

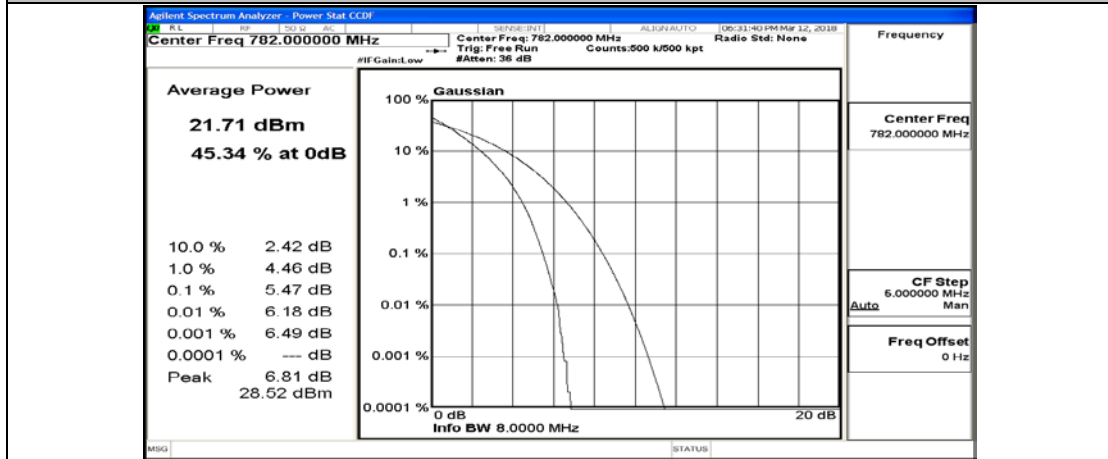
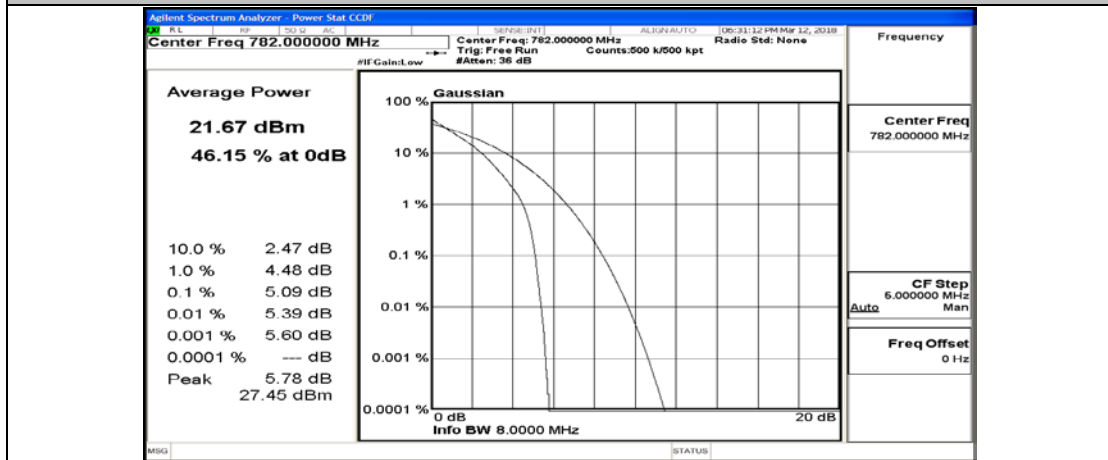
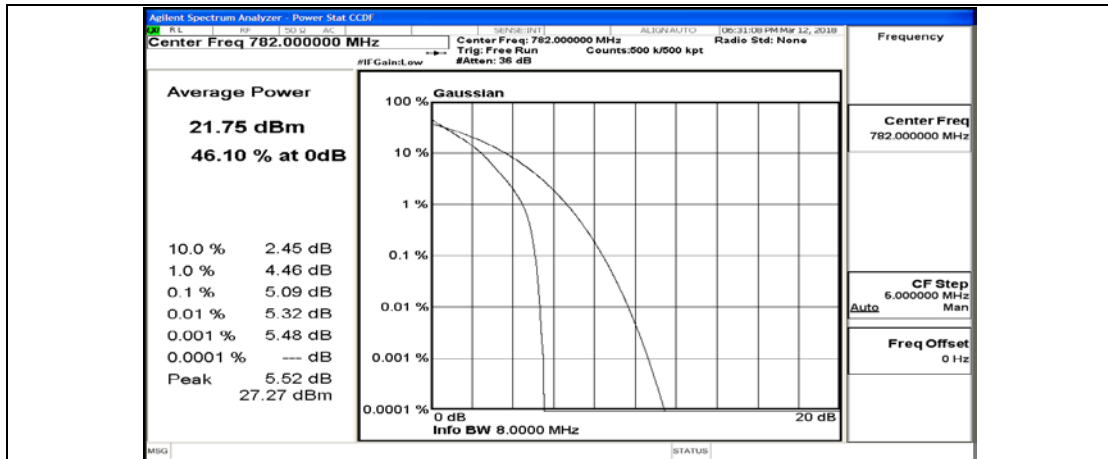


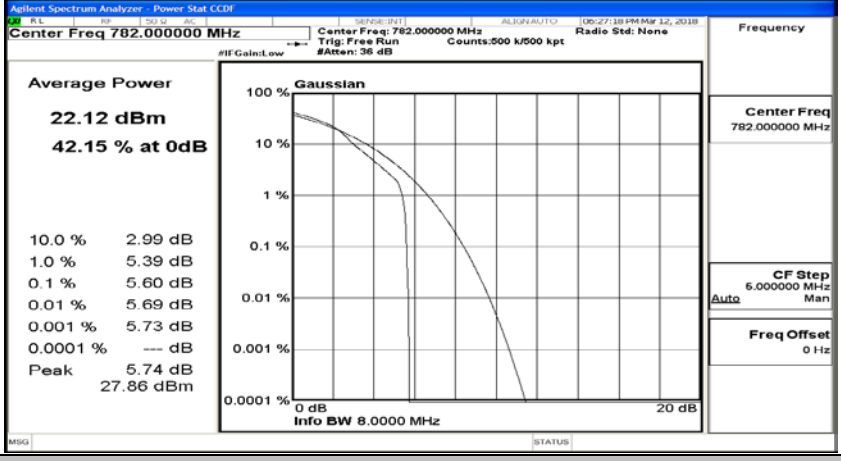
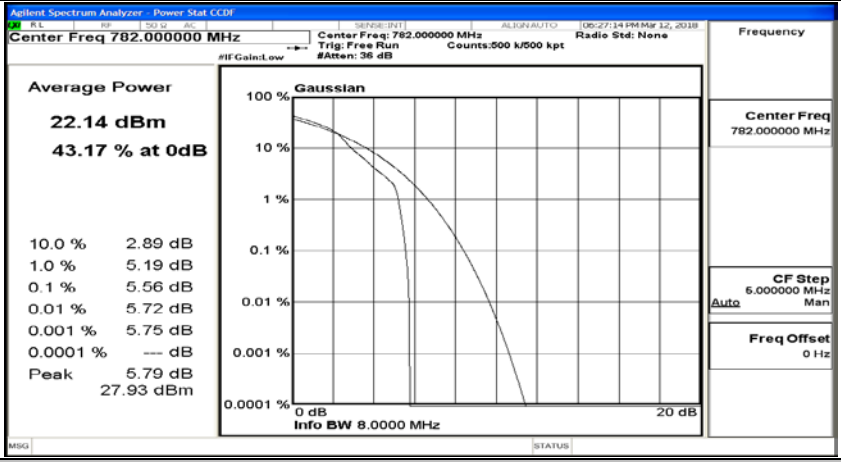
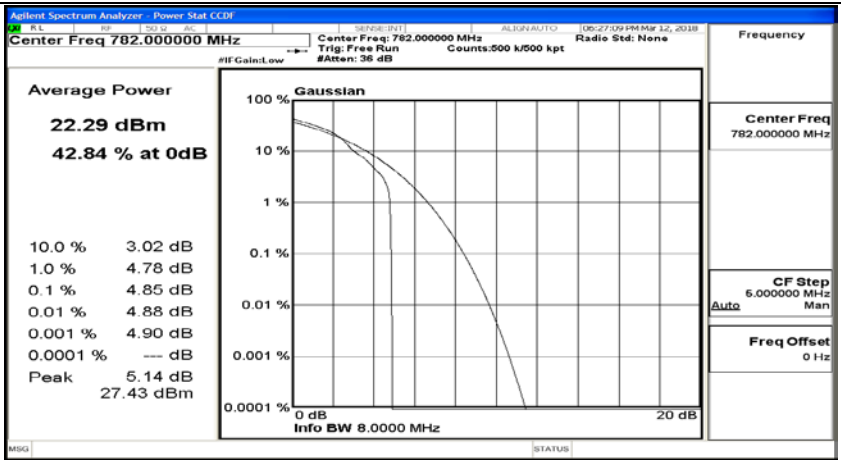
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#0

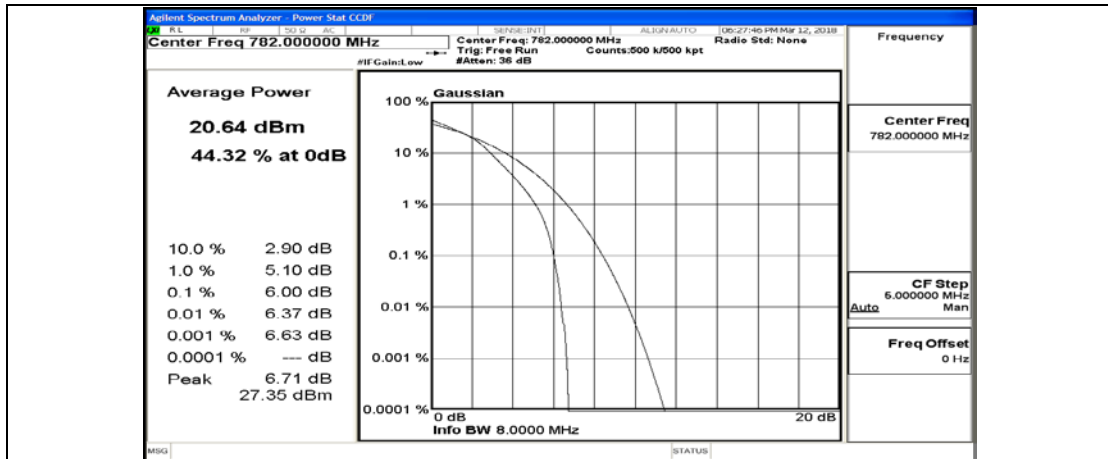


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#12

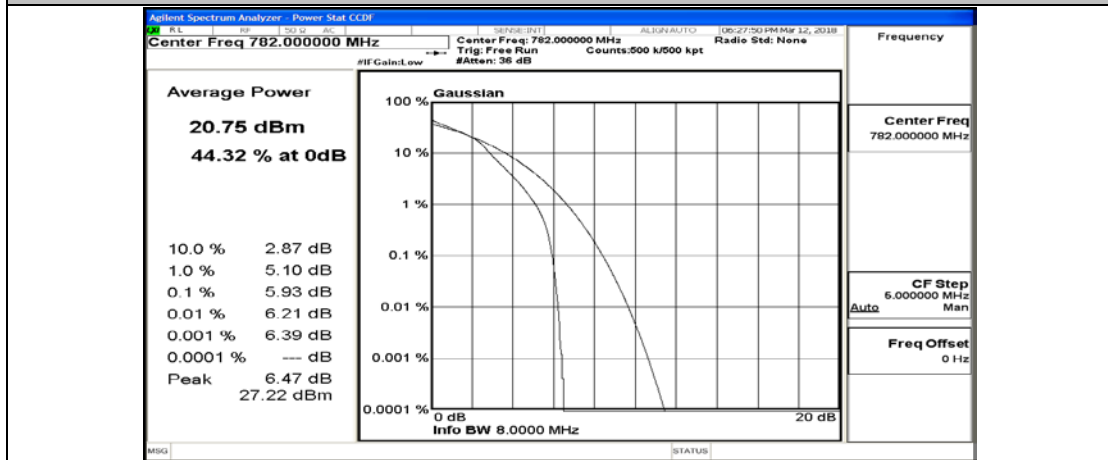




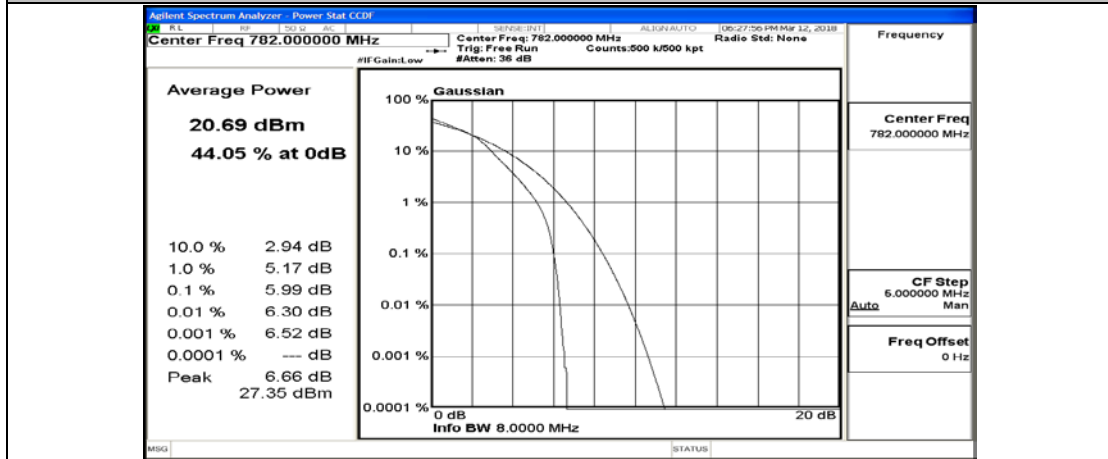




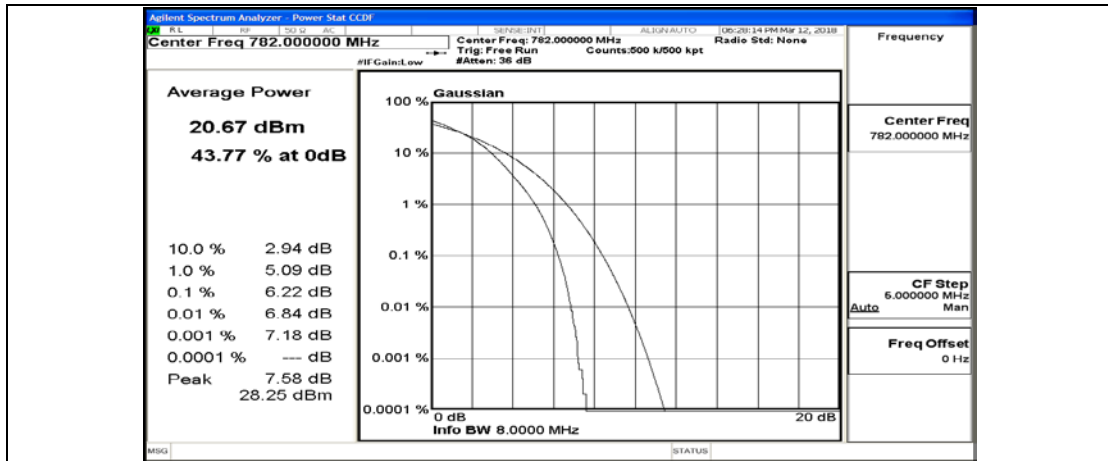
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#12



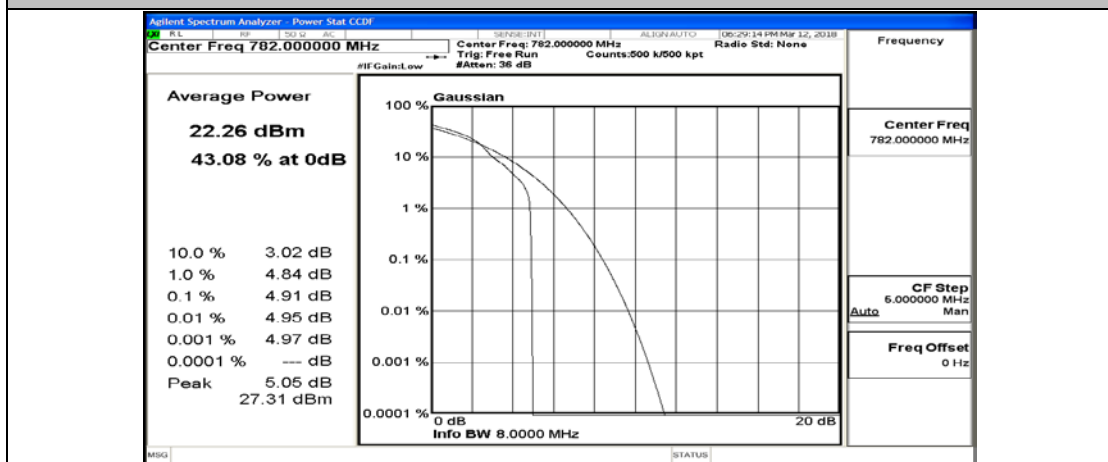
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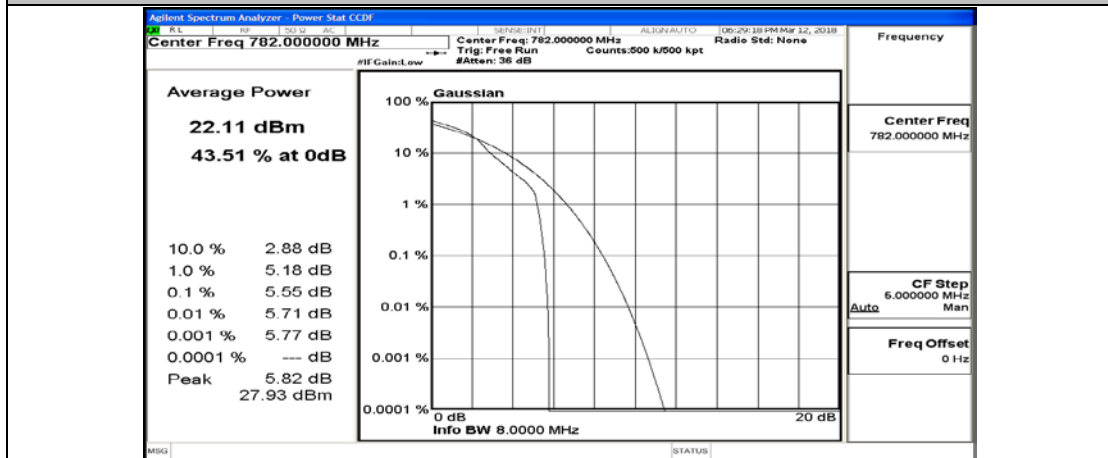
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



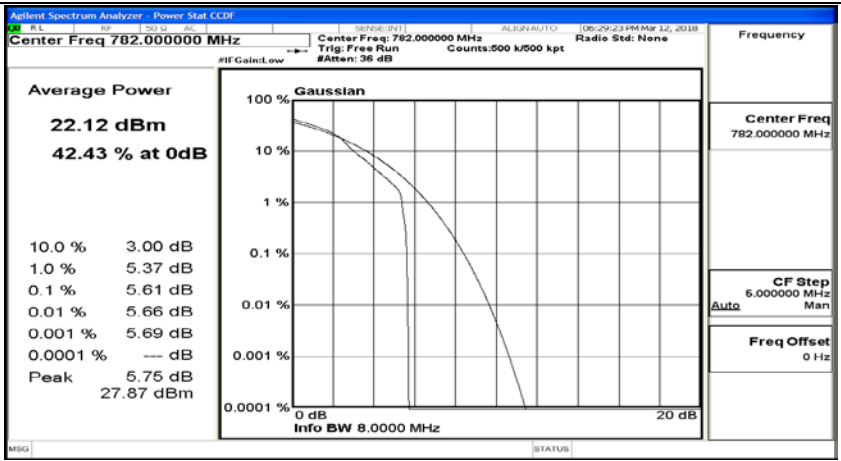
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



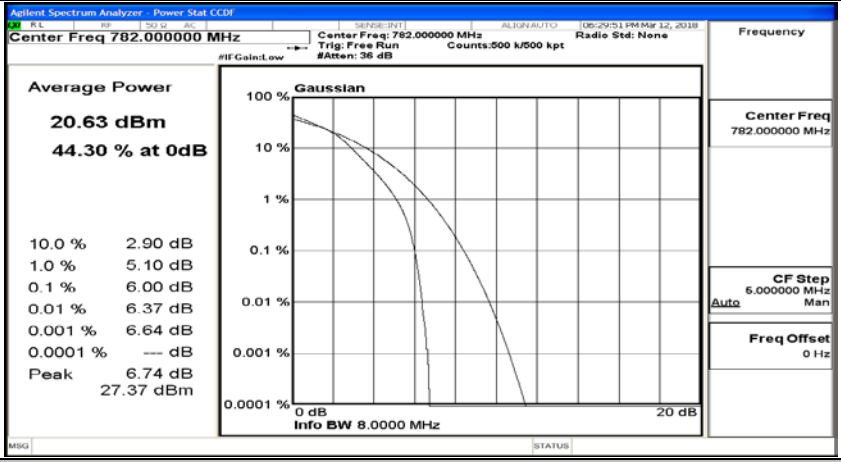
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



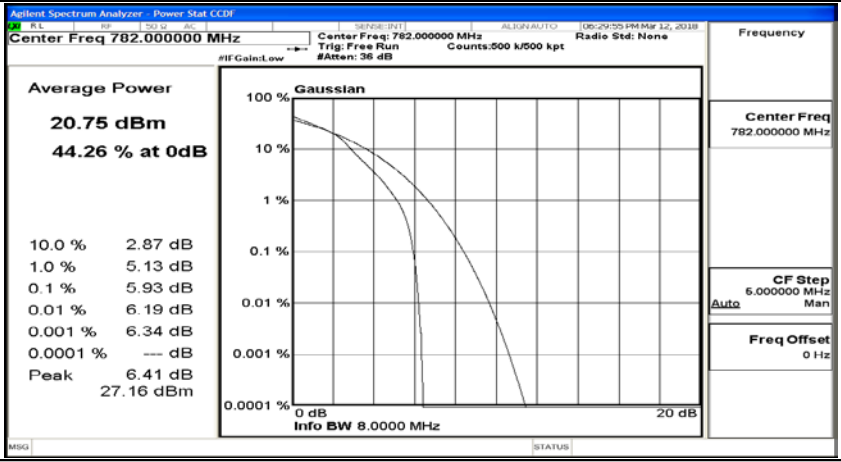
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49



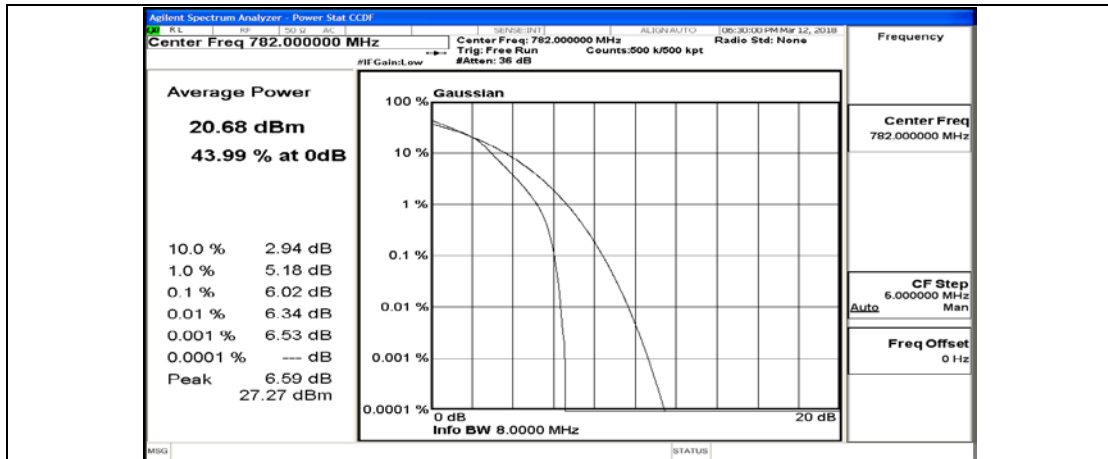
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0



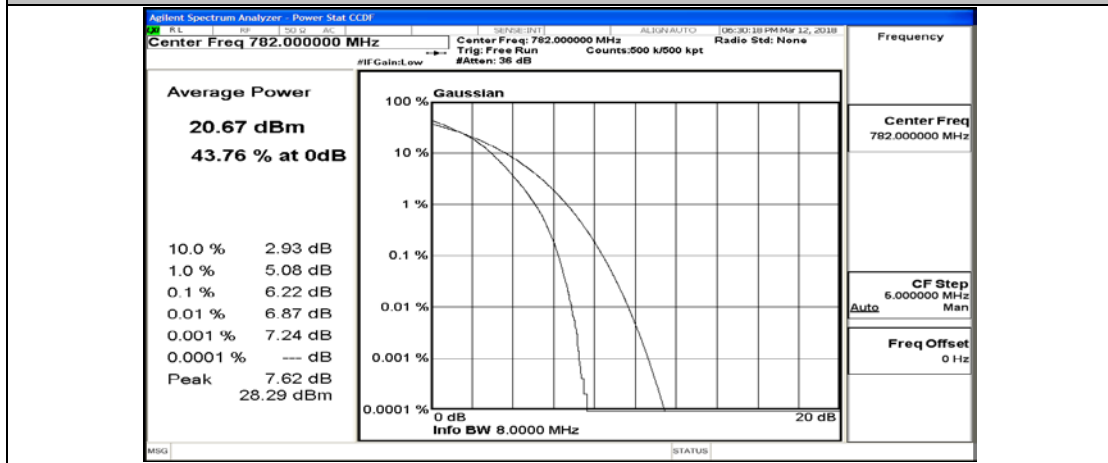
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



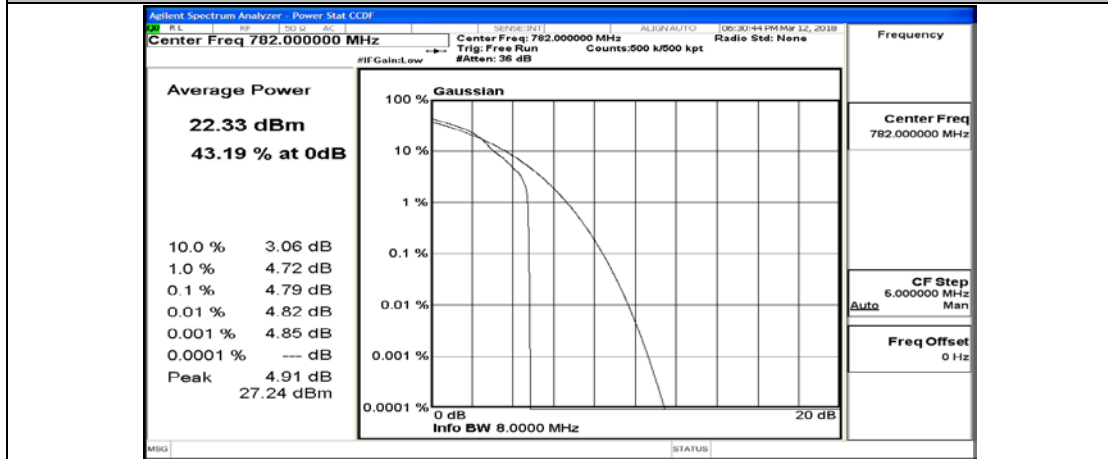
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25



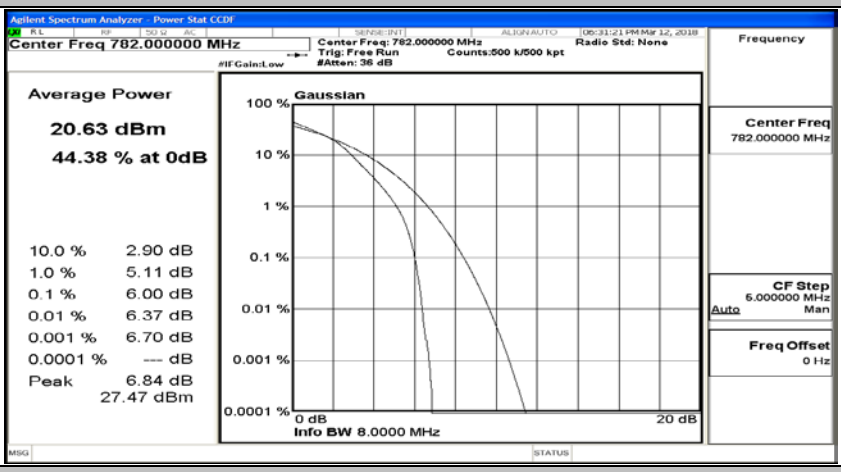
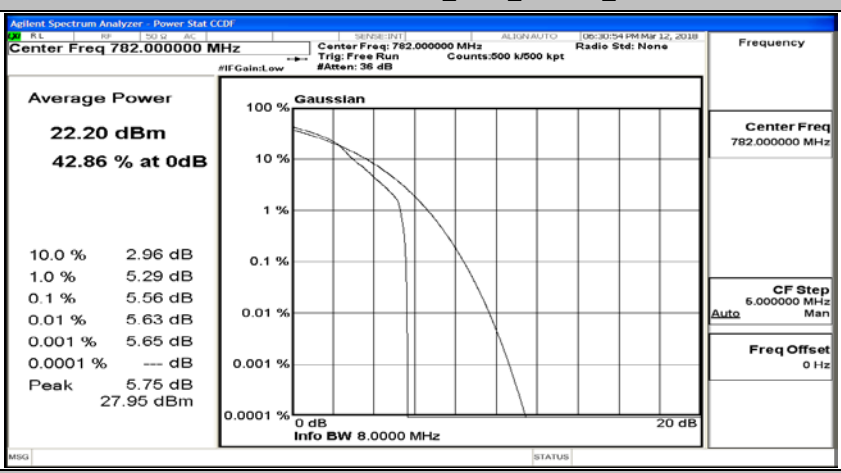
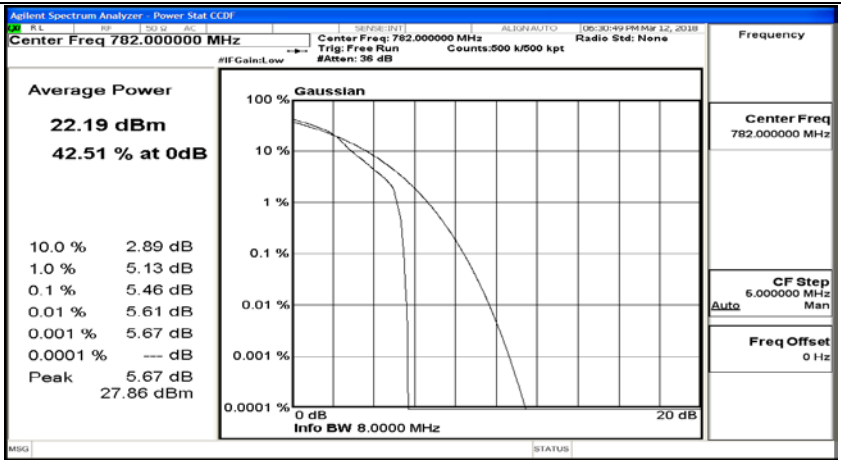
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0

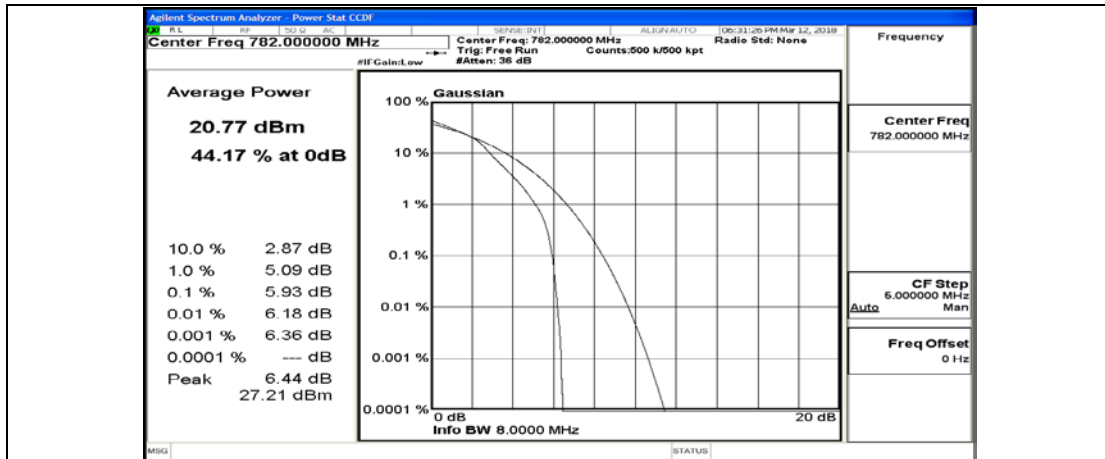


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0

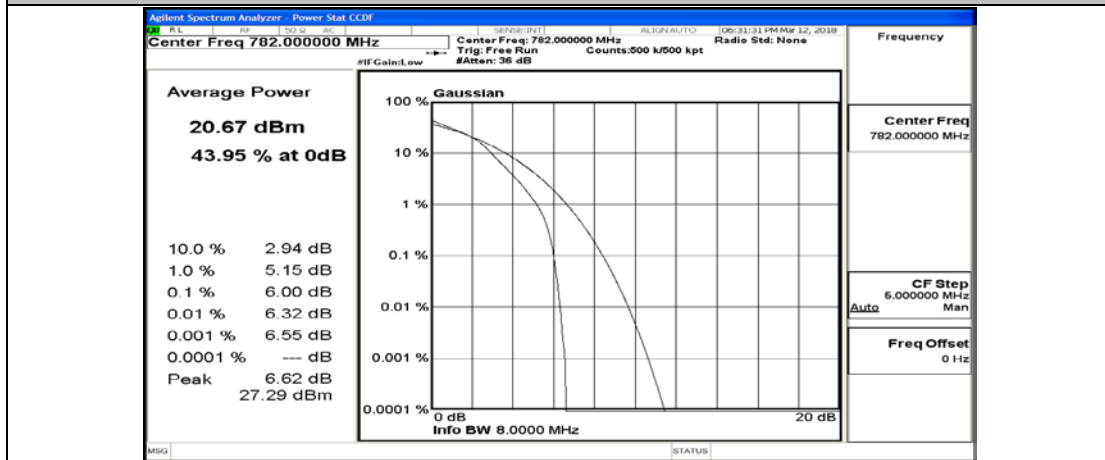


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24





Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#25



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0

