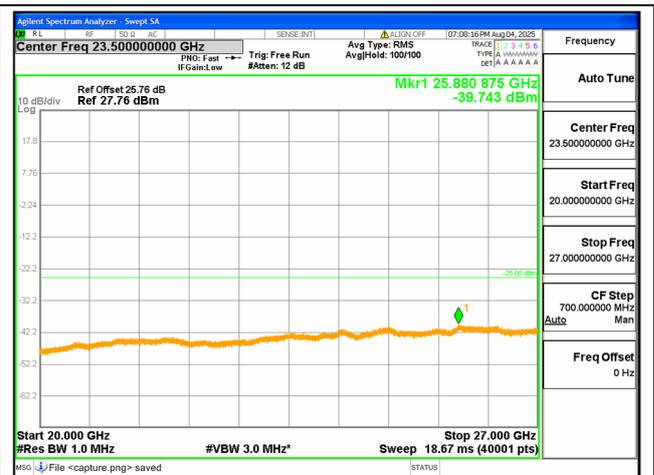
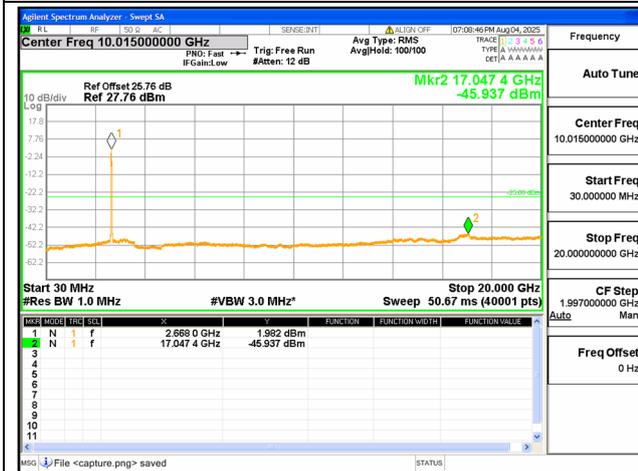


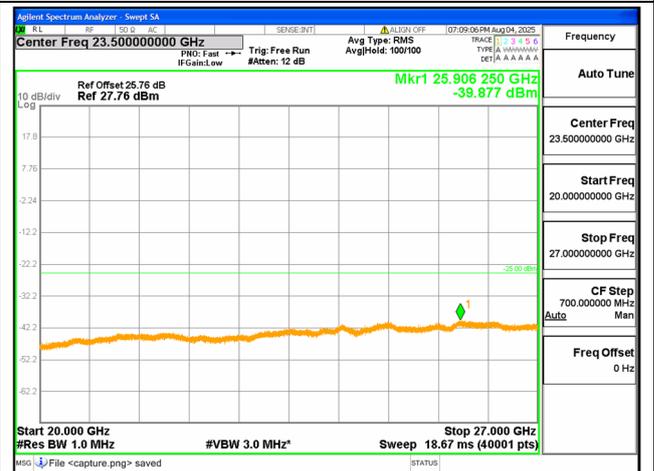
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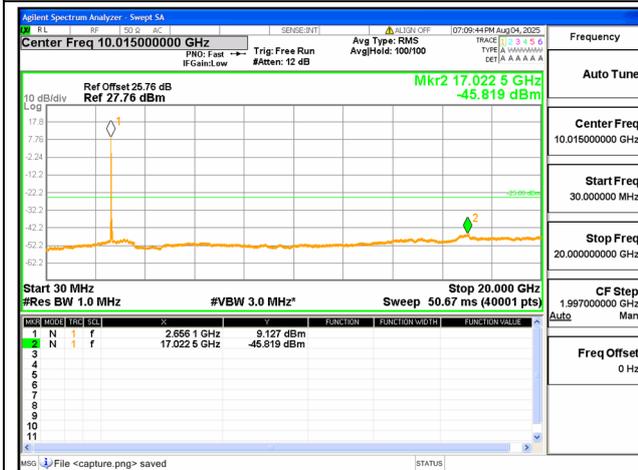
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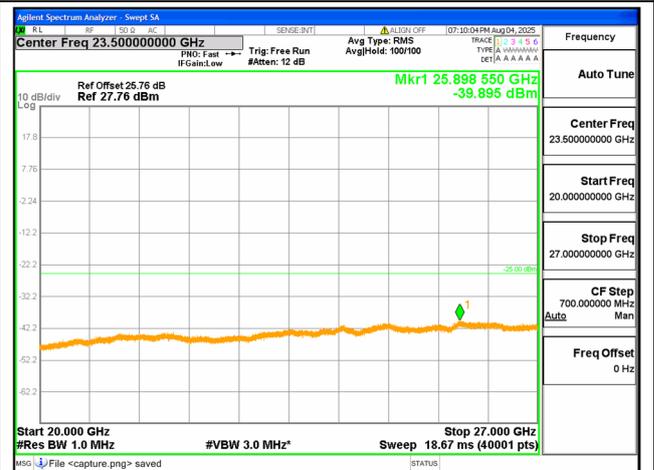
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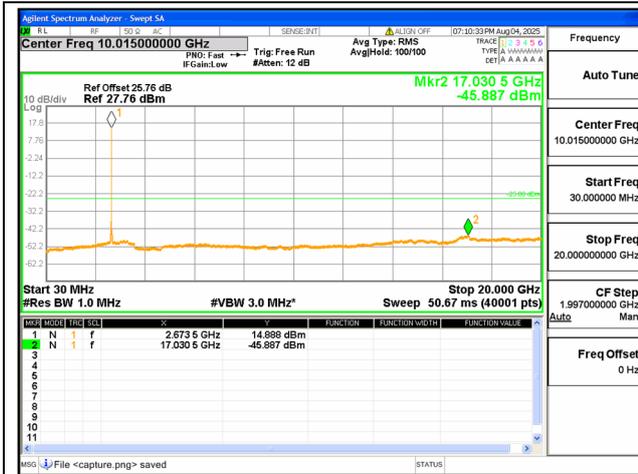
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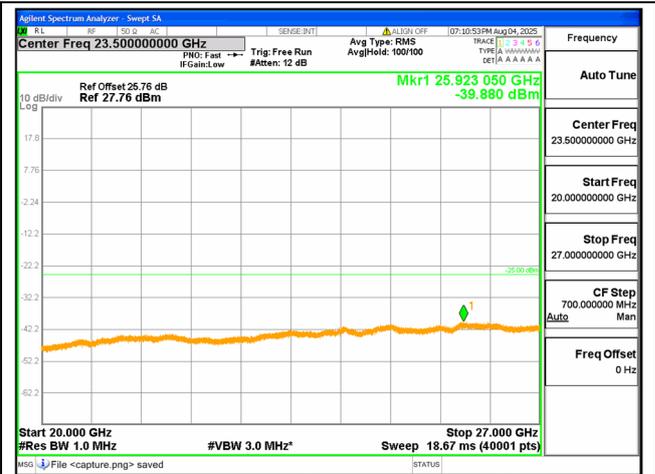
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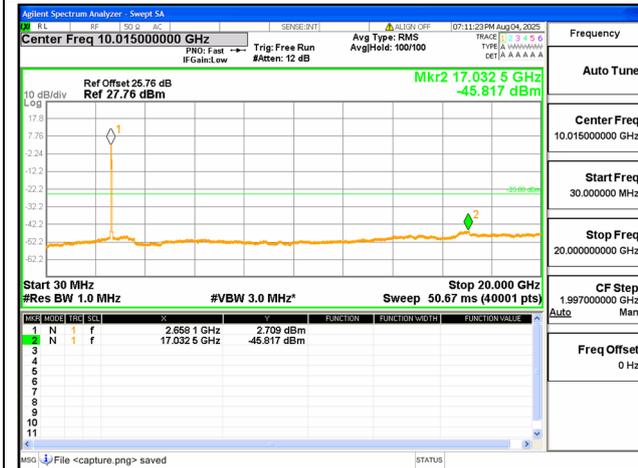
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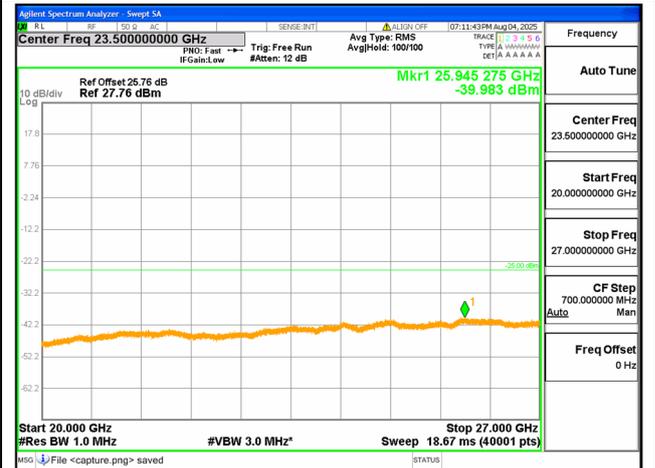
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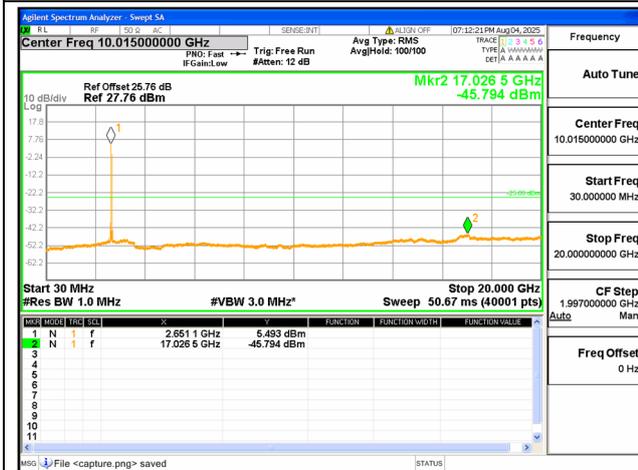
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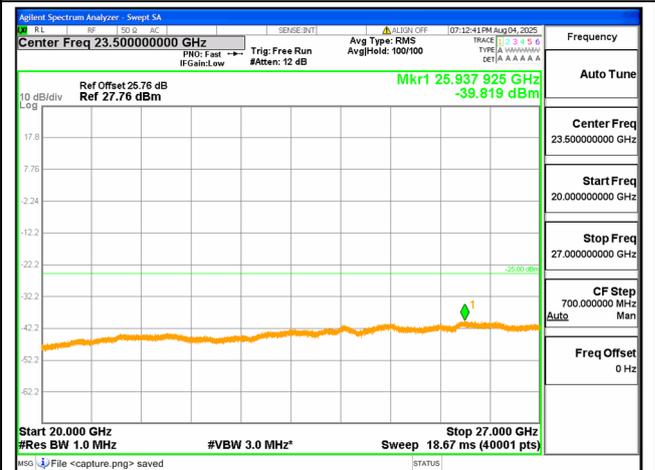
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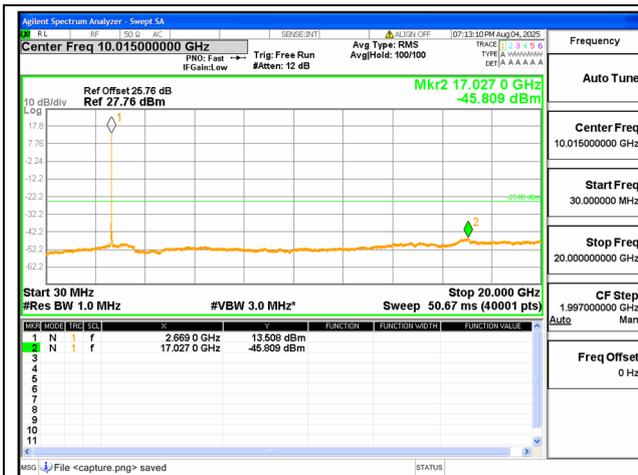
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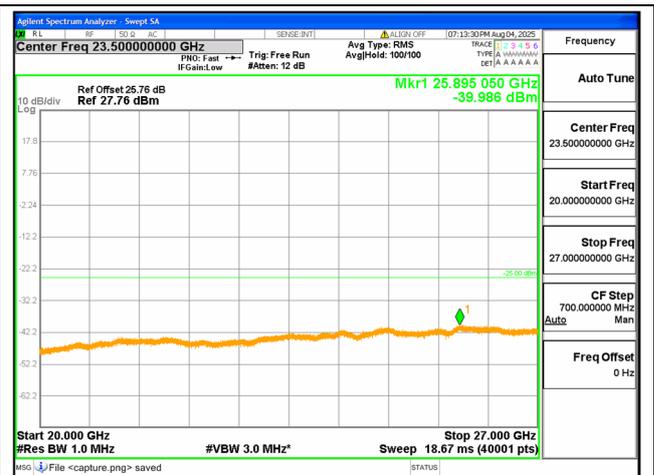
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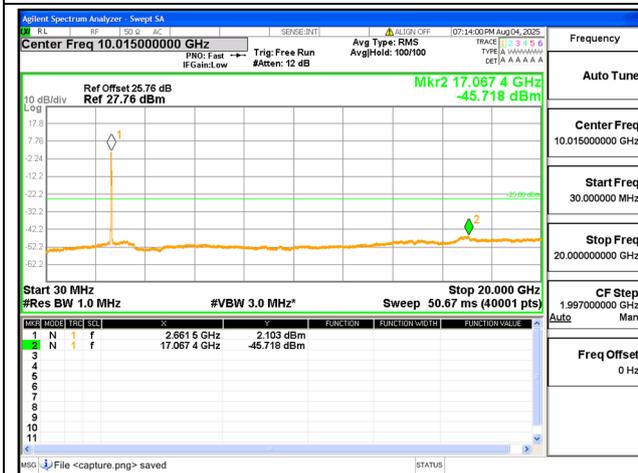
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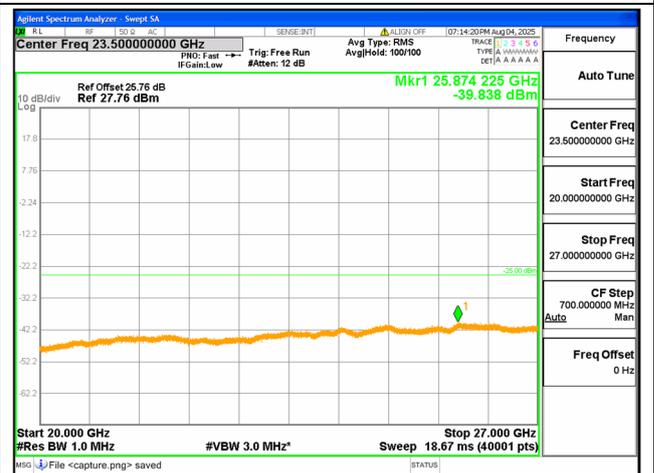
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41C-20G-27G / 20+20MHz / QPSK / High CH / 1@99-1@0



41C-30M-20G / 20+20MHz / QPSK / High CH / 100@0-100@0



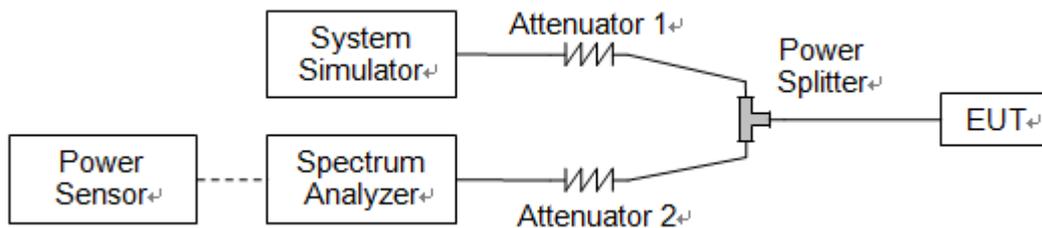
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## 2.4. Peak to Average Ratio

### 2.4.1. Requirement

According to FCC section 24.232(d), 27.50(d) and 27.50(j)(4), the peak to average ratio (PAR) of the transmission may not exceed 13dB.

### 2.4.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.4.3. Test Procedure

KDB 971168 D01v03 Section 5.7 and ANSI/TIA-603-E-2016.

### 2.4.4. Test Result

Record the maximum PAPR level associated with a probability of 0.1%.



LTE Band	BW(MHz)	Channel Level	PCC CH	SCC CH	Modulation	Peak to Average Radio(dB)	Verdict
41C	5+20	Low	39683	39800	QPSK	6.10	PASS
41C	5+20	Low	39683	39800	16QAM	6.82	PASS
41C	5+20	Low	39683	39800	64QAM	7.00	PASS
41C	5+20	Low	39683	39800	256QAM	7.06	PASS
41C	5+20	Mid	40528	40645	QPSK	6.90	PASS
41C	5+20	Mid	40528	40645	16QAM	6.82	PASS
41C	5+20	Mid	40528	40645	64QAM	7.12	PASS
41C	5+20	Mid	40528	40645	256QAM	7.03	PASS
41C	5+20	High	41373	41490	QPSK	6.00	PASS
41C	5+20	High	41373	41490	16QAM	6.82	PASS
41C	5+20	High	41373	41490	64QAM	7.06	PASS
41C	5+20	High	41373	41490	256QAM	6.83	PASS
41C	10+15	Low	39703	39823	QPSK	6.16	PASS
41C	10+15	Low	39703	39823	16QAM	6.76	PASS
41C	10+15	Low	39703	39823	64QAM	6.85	PASS
41C	10+15	Low	39703	39823	256QAM	6.96	PASS
41C	10+20	Low	39705	39849	QPSK	6.27	PASS
41C	10+20	Low	39705	39849	16QAM	6.87	PASS
41C	10+20	Low	39705	39849	64QAM	7.16	PASS
41C	10+20	Low	39705	39849	256QAM	7.12	PASS
41C	10+15	Mid	40549	40669	QPSK	6.13	PASS
41C	10+15	Mid	40549	40669	16QAM	6.77	PASS
41C	10+15	Mid	40549	40669	64QAM	6.94	PASS
41C	10+15	Mid	40549	40669	256QAM	7.05	PASS
41C	10+20	Mid	40526	40670	QPSK	6.13	PASS
41C	10+20	Mid	40526	40670	16QAM	6.87	PASS
41C	10+20	Mid	40526	40670	64QAM	7.21	PASS
41C	10+20	Mid	40526	40670	256QAM	7.12	PASS
41C	10+15	High	41395	41515	QPSK	6.04	PASS
41C	10+15	High	41395	41515	16QAM	6.75	PASS
41C	10+15	High	41395	41515	64QAM	6.83	PASS
41C	10+15	High	41395	41515	256QAM	6.85	PASS
41C	10+20	High	41346	41490	QPSK	6.07	PASS
41C	10+20	High	41346	41490	16QAM	7.01	PASS
41C	10+20	High	41346	41490	64QAM	7.15	PASS



41C	10+20	High	41346	41490	256QAM	7.13	PASS
41C	15+10	Low	39725	39845	QPSK	6.20	PASS
41C	15+10	Low	39725	39845	16QAM	7.03	PASS
41C	15+10	Low	39725	39845	64QAM	6.72	PASS
41C	15+10	Low	39725	39845	256QAM	7.03	PASS
41C	15+15	Low	39725	39875	QPSK	7.00	PASS
41C	15+15	Low	39725	39875	16QAM	7.34	PASS
41C	15+15	Low	39725	39875	64QAM	7.36	PASS
41C	15+15	Low	39725	39875	256QAM	7.82	PASS
41C	15+20	Low	39728	39899	QPSK	6.47	PASS
41C	15+20	Low	39728	39899	16QAM	7.12	PASS
41C	15+20	Low	39728	39899	64QAM	7.32	PASS
41C	15+20	Low	39728	39899	256QAM	7.30	PASS
41C	15+10	Mid	40571	40691	QPSK	6.18	PASS
41C	15+10	Mid	40571	40691	16QAM	6.88	PASS
41C	15+10	Mid	40571	40691	64QAM	6.72	PASS
41C	15+10	Mid	40571	40691	256QAM	6.92	PASS
41C	15+15	Mid	40545	40695	QPSK	6.96	PASS
41C	15+15	Mid	40545	40695	16QAM	7.38	PASS
41C	15+15	Mid	40545	40695	64QAM	7.49	PASS
41C	15+15	Mid	40545	40695	256QAM	7.76	PASS
41C	15+20	Mid	40523	40694	QPSK	6.49	PASS
41C	15+20	Mid	40523	40694	16QAM	7.22	PASS
41C	15+20	Mid	40523	40694	64QAM	7.19	PASS
41C	15+20	Mid	40523	40694	256QAM	7.23	PASS
41C	15+10	High	41417	41537	QPSK	6.04	PASS
41C	15+10	High	41417	41537	16QAM	6.88	PASS
41C	15+10	High	41417	41537	64QAM	6.67	PASS
41C	15+10	High	41417	41537	256QAM	6.83	PASS
41C	15+15	High	41365	41515	QPSK	6.84	PASS
41C	15+15	High	41365	41515	16QAM	7.23	PASS
41C	15+15	High	41365	41515	64QAM	7.35	PASS
41C	15+15	High	41365	41515	256QAM	7.46	PASS
41C	15+20	High	41319	41490	QPSK	6.44	PASS
41C	15+20	High	41319	41490	16QAM	7.10	PASS
41C	15+20	High	41319	41490	64QAM	7.23	PASS
41C	15+20	High	41319	41490	256QAM	7.19	PASS
41C	20+5	Low	39750	39867	QPSK	6.33	PASS



41C	20+5	Low	39750	39867	16QAM	6.82	PASS
41C	20+5	Low	39750	39867	64QAM	7.00	PASS
41C	20+5	Low	39750	39867	256QAM	6.95	PASS
41C	20+10	Low	39750	39894	QPSK	6.24	PASS
41C	20+10	Low	39750	39894	16QAM	6.89	PASS
41C	20+10	Low	39750	39894	64QAM	7.10	PASS
41C	20+10	Low	39750	39894	256QAM	7.00	PASS
41C	20+15	Low	39750	39921	QPSK	6.40	PASS
41C	20+15	Low	39750	39921	16QAM	6.95	PASS
41C	20+15	Low	39750	39921	64QAM	7.81	PASS
41C	20+15	Low	39750	39921	256QAM	7.15	PASS
41C	20+20	Low	39750	39948	QPSK	6.23	PASS
41C	20+20	Low	39750	39948	16QAM	6.82	PASS
41C	20+20	Low	39750	39948	64QAM	7.36	PASS
41C	20+20	Low	39750	39948	256QAM	7.51	PASS
41C	20+5	Mid	40595	40712	QPSK	6.25	PASS
41C	20+5	Mid	40595	40712	16QAM	6.81	PASS
41C	20+5	Mid	40595	40712	64QAM	6.98	PASS
41C	20+5	Mid	40595	40712	256QAM	6.80	PASS
41C	20+10	Mid	40571	40715	QPSK	6.35	PASS
41C	20+10	Mid	40571	40715	16QAM	6.78	PASS
41C	20+10	Mid	40571	40715	64QAM	6.99	PASS
41C	20+10	Mid	40571	40715	256QAM	6.89	PASS
41C	20+15	Mid	40546	40717	QPSK	6.29	PASS
41C	20+15	Mid	40546	40717	16QAM	6.89	PASS
41C	20+15	Mid	40546	40717	64QAM	7.33	PASS
41C	20+15	Mid	40546	40717	256QAM	7.21	PASS
41C	20+20	Mid	40521	40719	QPSK	6.18	PASS
41C	20+20	Mid	40521	40719	16QAM	7.00	PASS
41C	20+20	Mid	40521	40719	64QAM	7.28	PASS
41C	20+20	Mid	40521	40719	256QAM	7.34	PASS
41C	20+5	High	41440	41557	QPSK	6.20	PASS
41C	20+5	High	41440	41557	16QAM	6.67	PASS
41C	20+5	High	41440	41557	64QAM	6.93	PASS
41C	20+5	High	41440	41557	256QAM	6.77	PASS
41C	20+10	High	41391	41535	QPSK	6.25	PASS
41C	20+10	High	41391	41535	16QAM	6.78	PASS
41C	20+10	High	41391	41535	64QAM	6.97	PASS



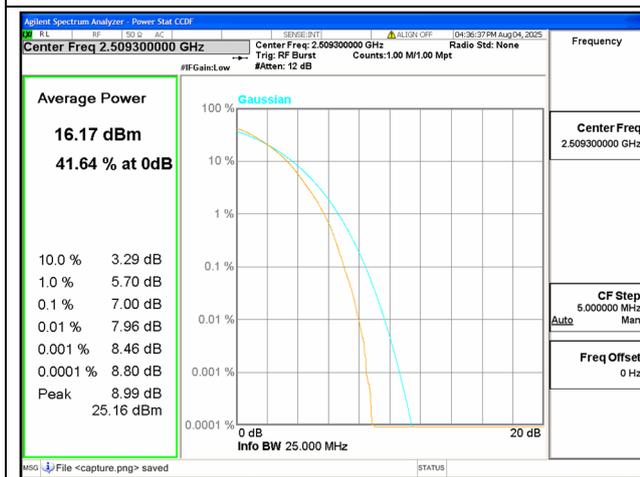
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41C	20+15	High	41341	41512	64QAM	7.29	PASS
41C	20+15	High	41341	41512	256QAM	7.06	PASS
41C	20+20	High	41292	41490	QPSK	5.94	PASS
41C	20+20	High	41292	41490	16QAM	6.95	PASS
41C	20+20	High	41292	41490	64QAM	7.25	PASS
41C	20+20	High	41292	41490	256QAM	7.37	PASS



41C / 5+20MHz / Low CH / QPSK



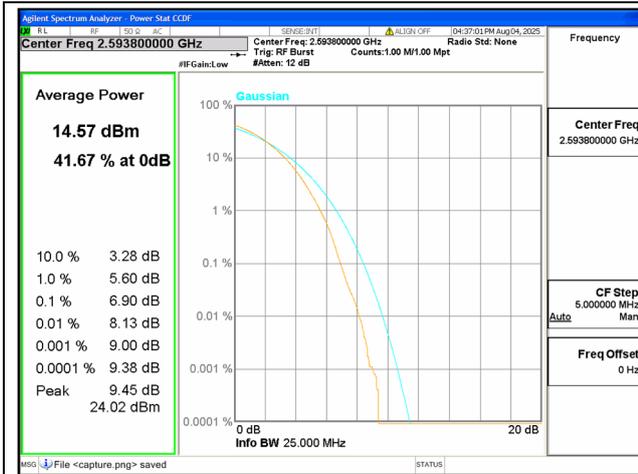
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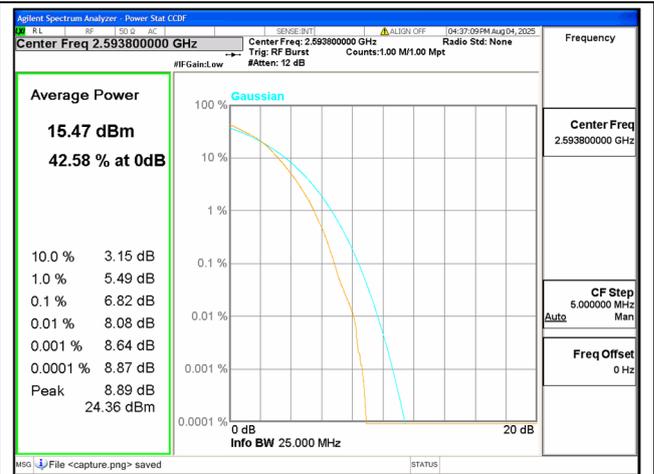
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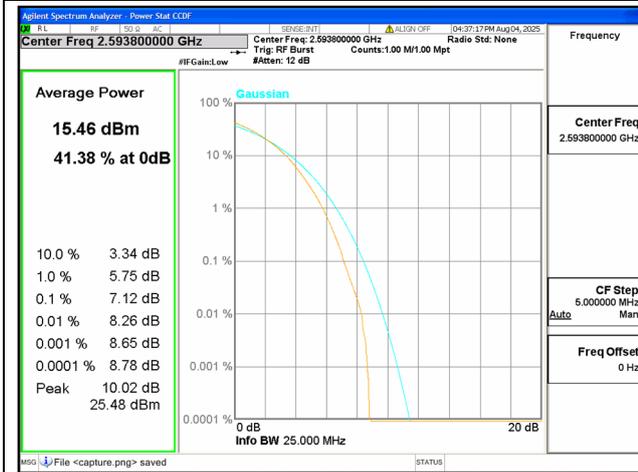
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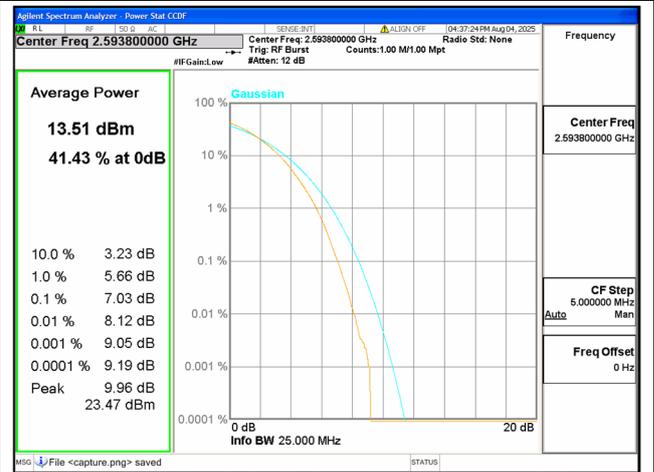
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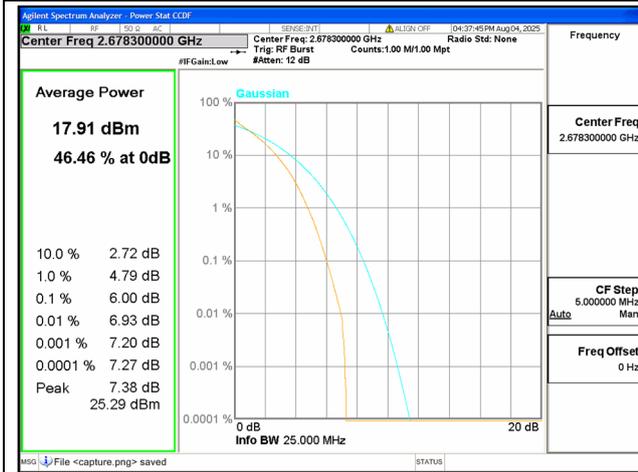
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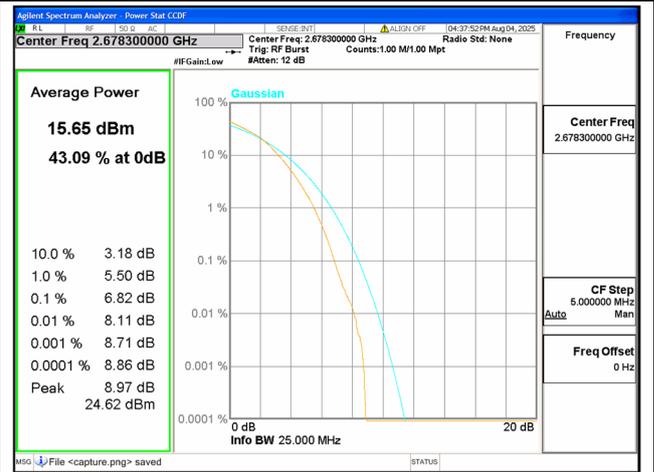
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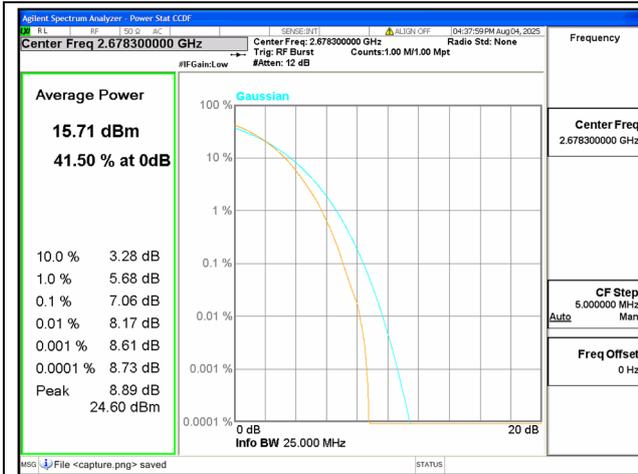
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41C / 5+20MHz / High CH / QPSK



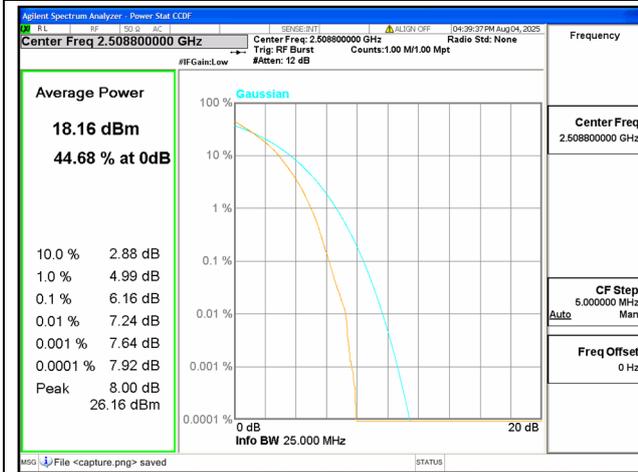
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41C / 5+20MHz / High CH / 64QAM



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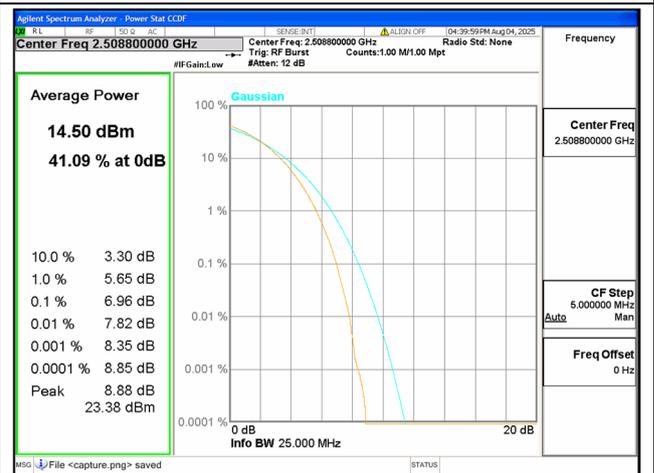
41C / 10+15MHz / Low CH / QPSK



41C / 10+15MHz / Low CH / 16QAM



41C / 10+15MHz / Low CH / 64QAM



41C / 10+15MHz / Low CH / 256QAM