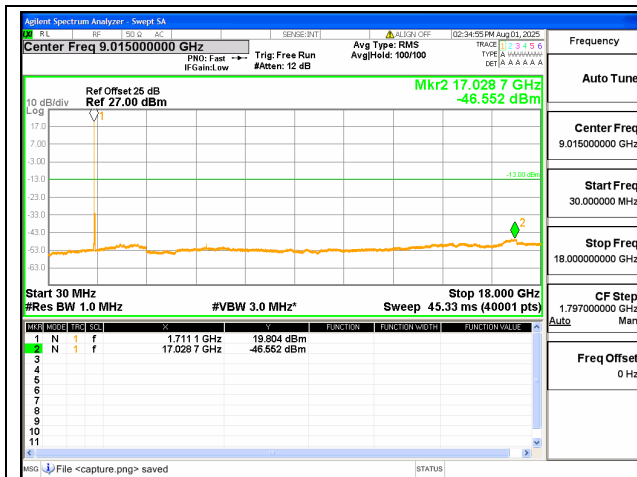
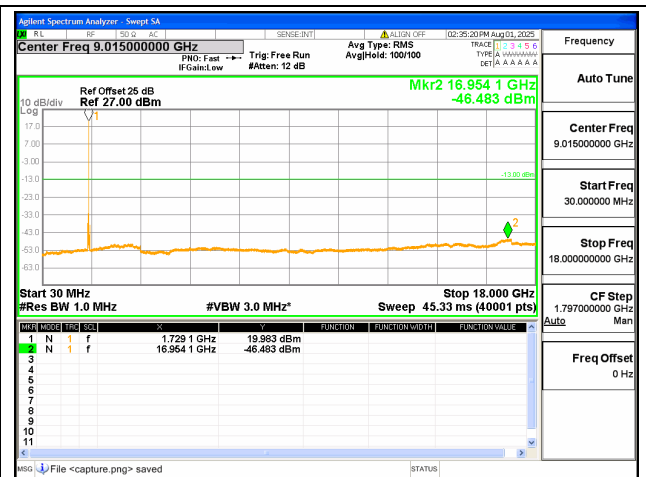
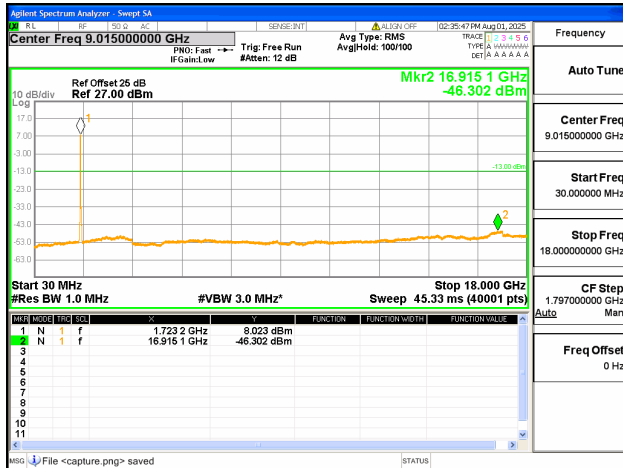
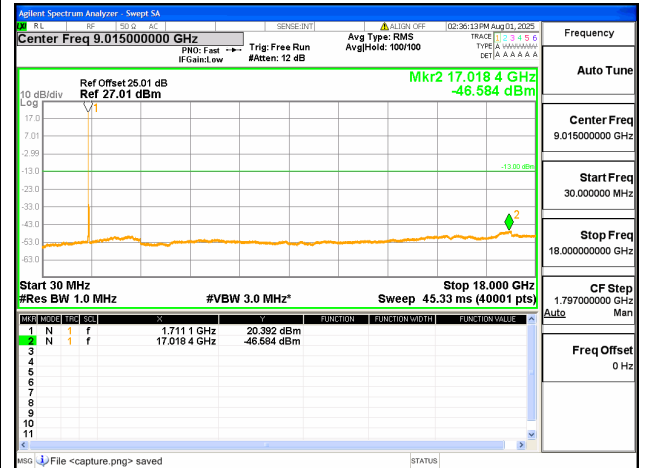
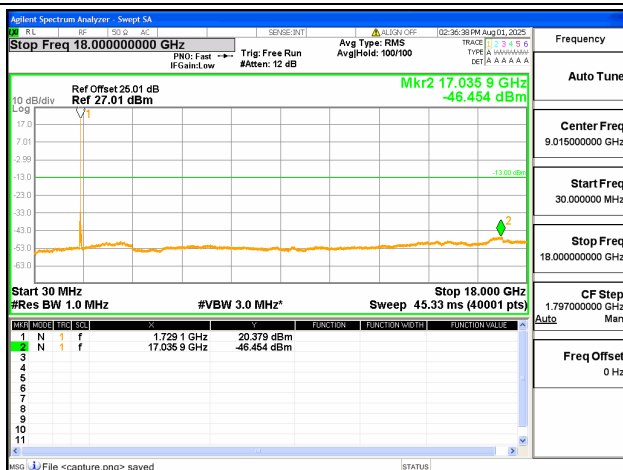
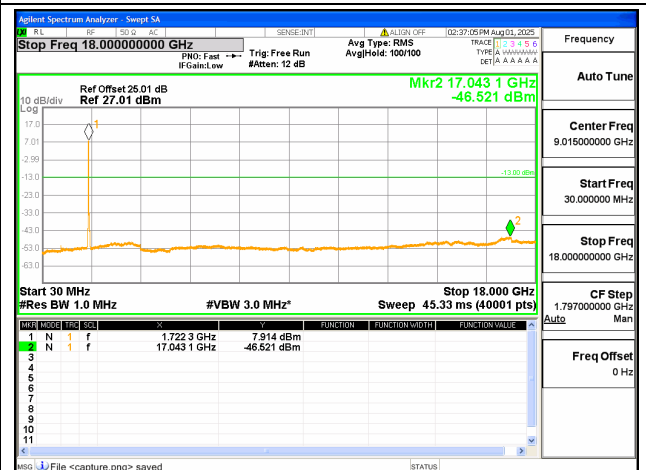


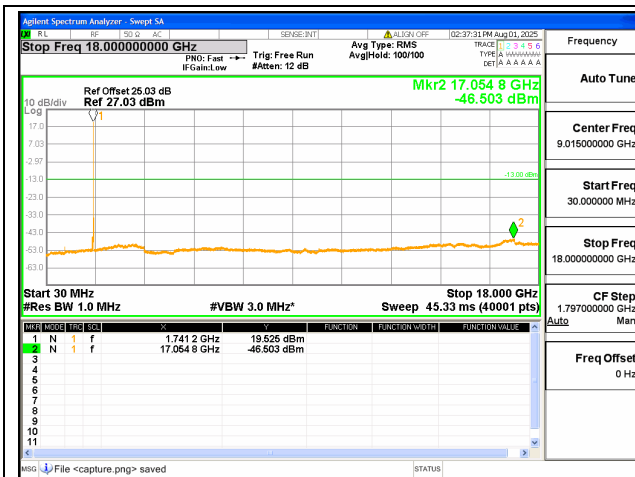


66C / 20+5MHz / QPSK / Low CH / 1@0-1@24

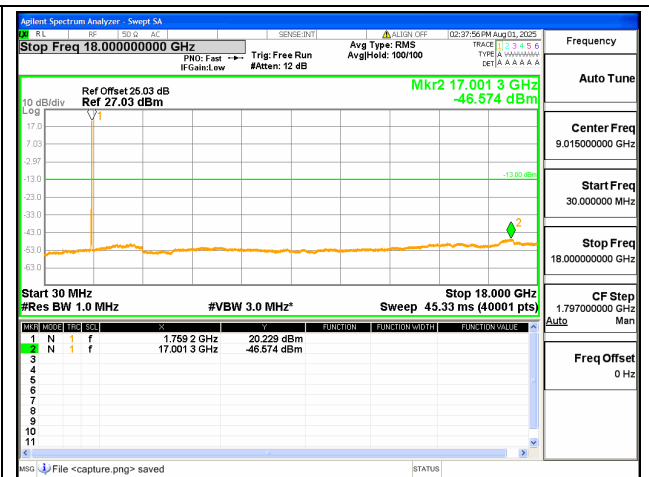


66C / 20+5MHz / QPSK / Low CH / 1@99-1@0

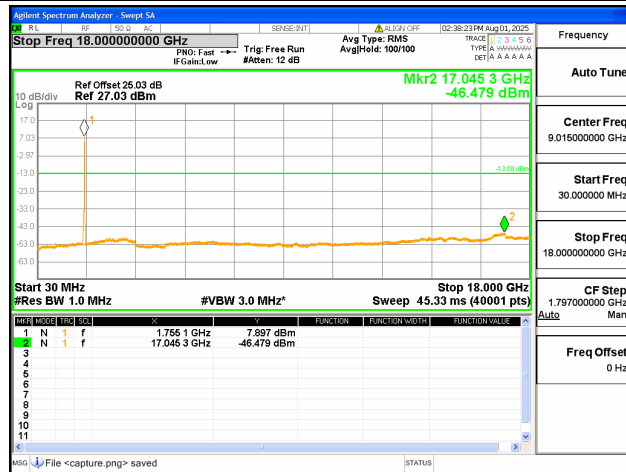
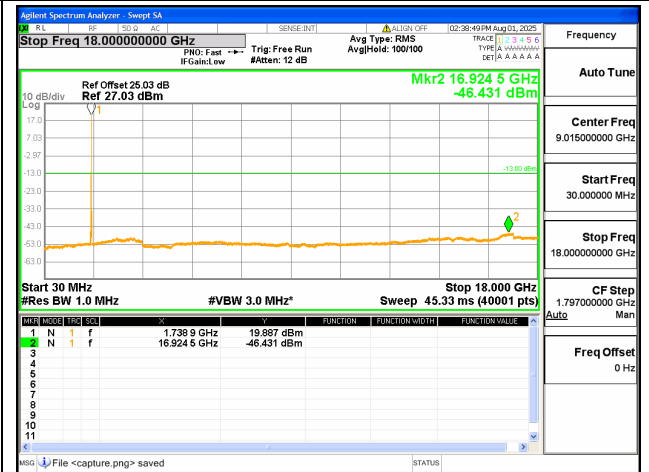
66C / 20+5MHz / QPSK / Low CH /
100@0-25@066C / 20+20MHz / QPSK / Low CH /
1@0-1@9966C / 20+20MHz / QPSK / Low CH /
1@99-1@066C / 20+20MHz / QPSK / Low CH /
100@0-100@0



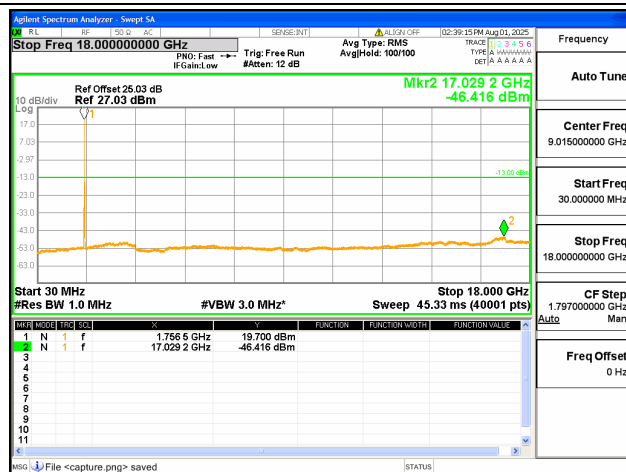
66C / 20+10MHz / QPSK / Mid CH / 1@0-1@49



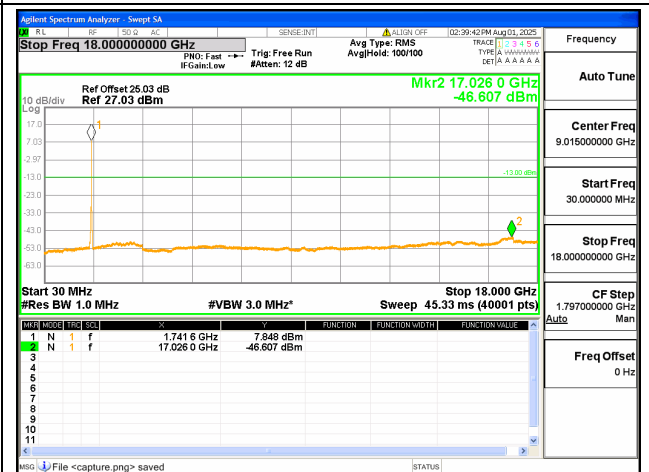
66C / 20+10MHz / QPSK / Mid CH / 1@99-1@0

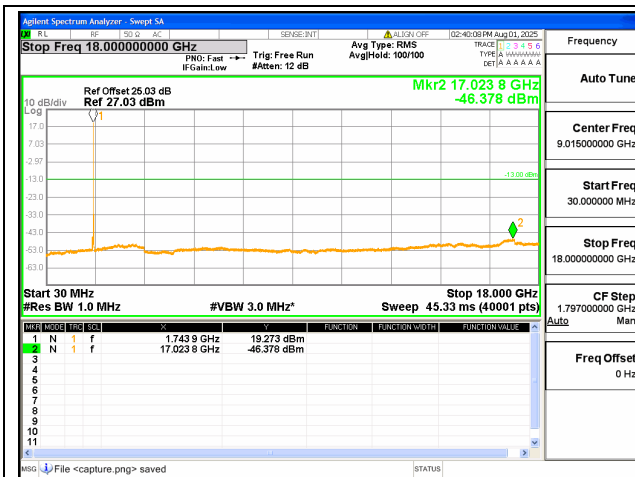
66C / 20+10MHz / QPSK / Mid CH /
100@0-50@0

66C / 20+15MHz / QPSK / Mid CH / 1@0-1@74

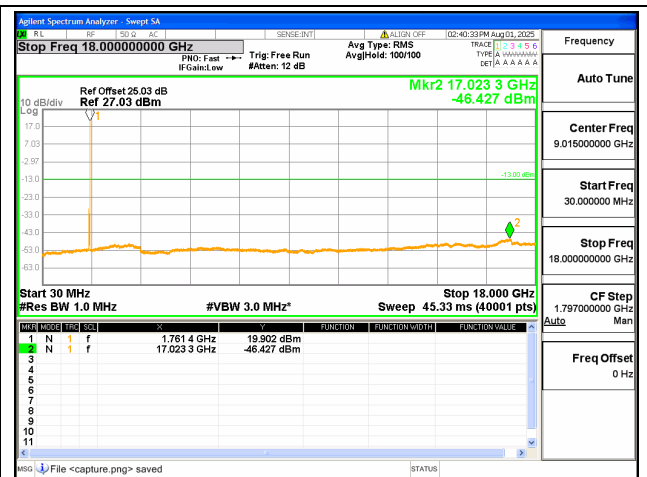


66C / 20+15MHz / QPSK / Mid CH / 1@99-1@0

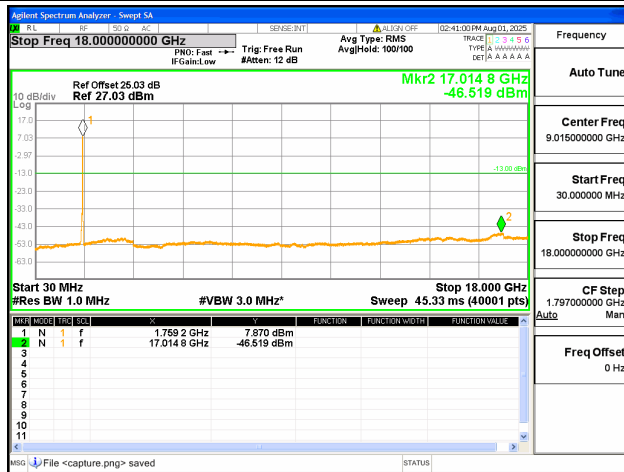
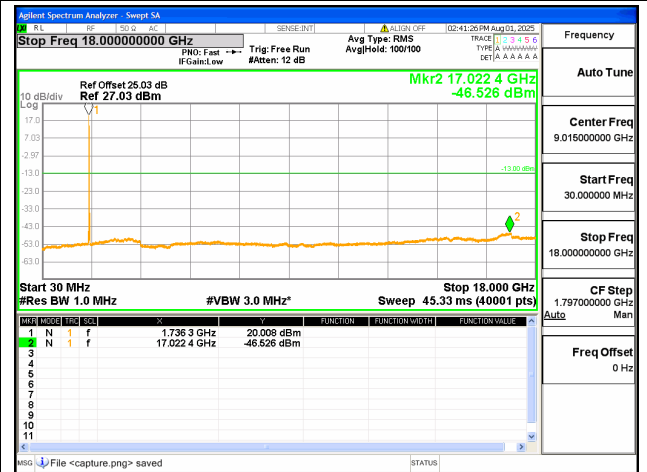
66C / 20+15MHz / QPSK / Mid CH /
100@0-75@0



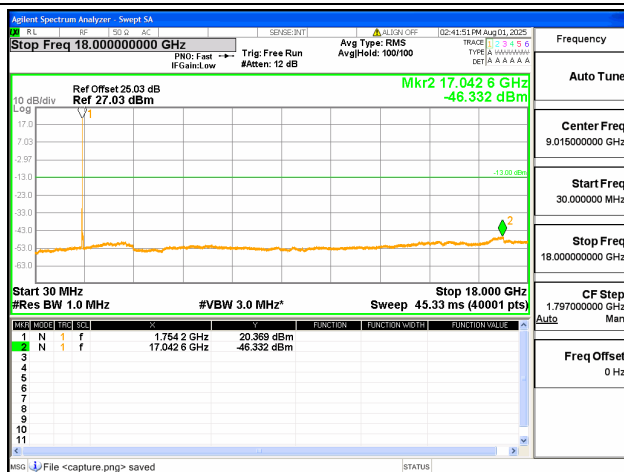
66C / 20+5MHz / QPSK / Mid CH / 1@0-1@24



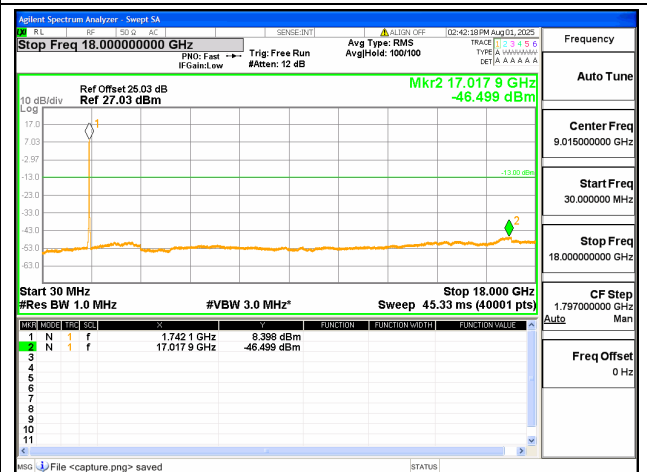
66C / 20+5MHz / QPSK / Mid CH / 1@99-1@0

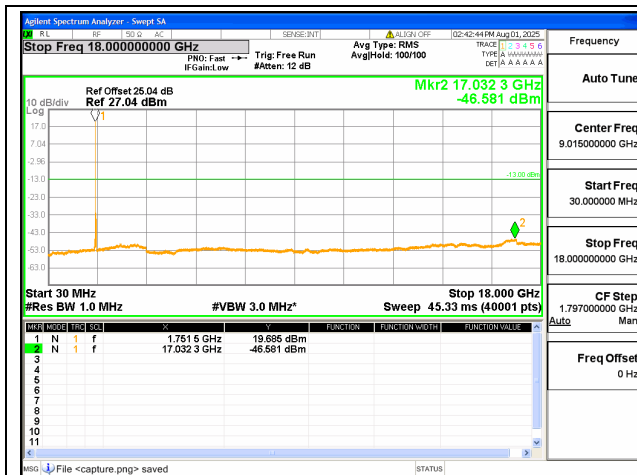
66C / 20+5MHz / QPSK / Mid CH /
100@0-25@0

66C / 20+20MHz / QPSK / Mid CH / 1@0-1@99

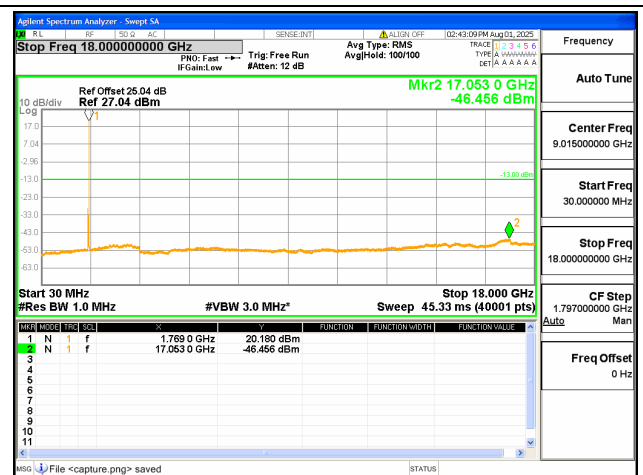


66C / 20+20MHz / QPSK / Mid CH / 1@99-1@0

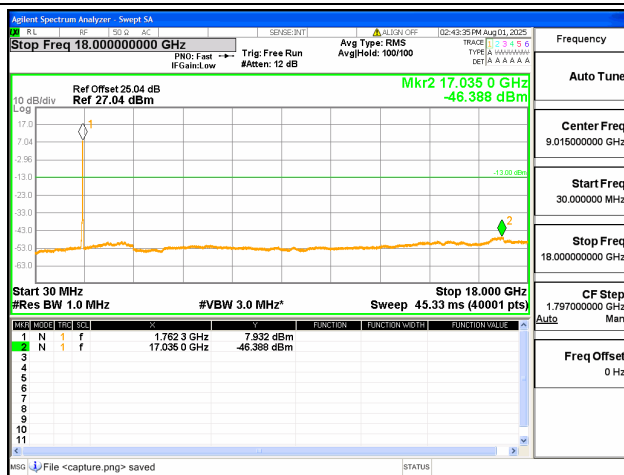
66C / 20+20MHz / QPSK / Mid CH /
100@0-100@0



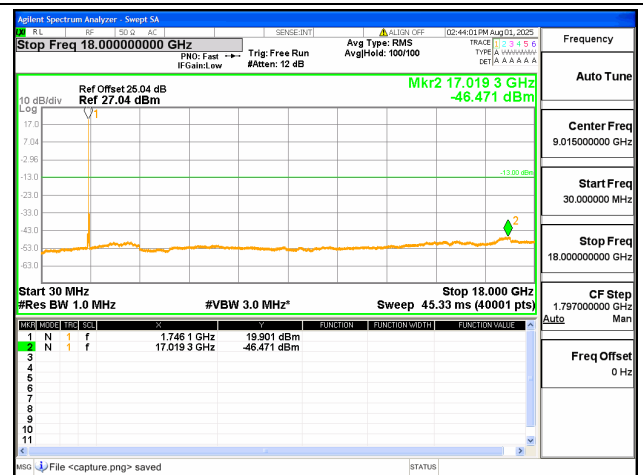
66C / 20+10MHz / QPSK / High CH /
1@0-1@49



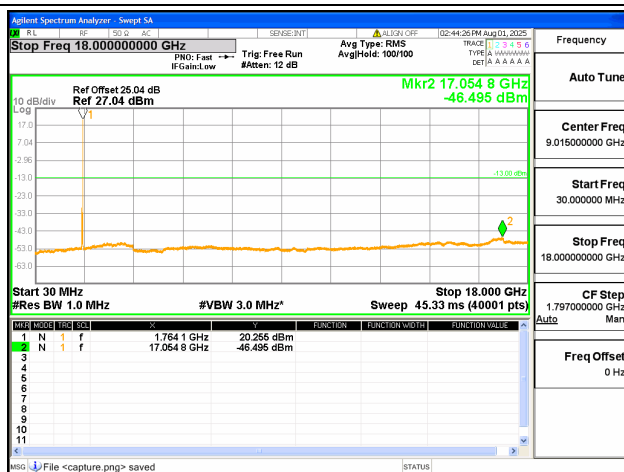
66C / 20+10MHz / QPSK / High CH /
1@99-1@0



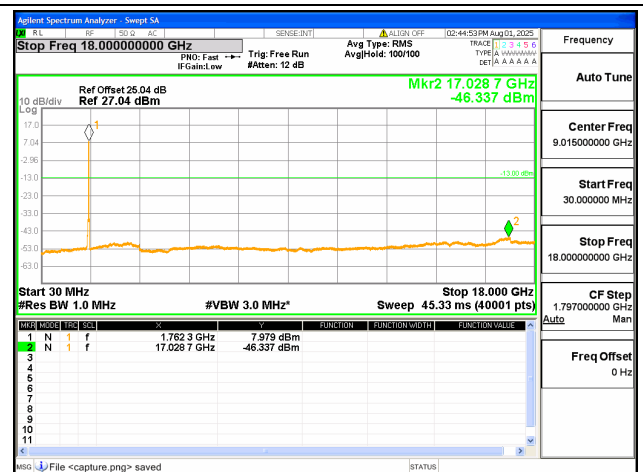
66C / 20+10MHz / QPSK / High CH /
100@0-50@0



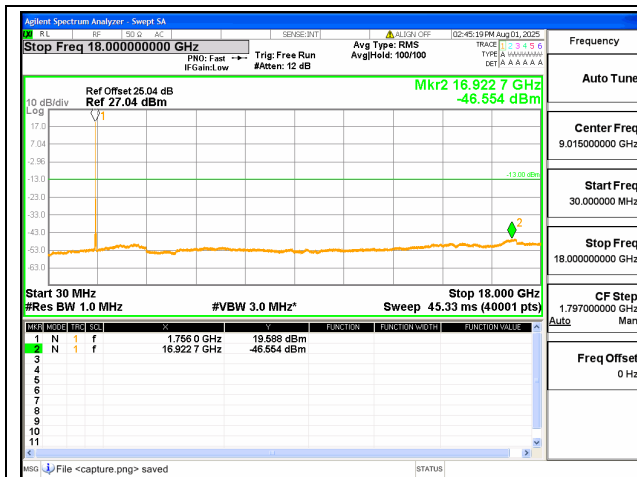
66C / 20+15MHz / QPSK / High CH /
1@0-1@74



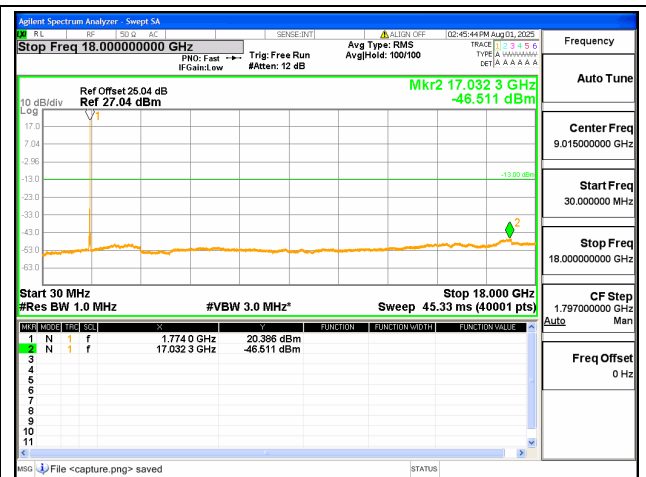
66C / 20+15MHz / QPSK / High CH /
1@99-1@0



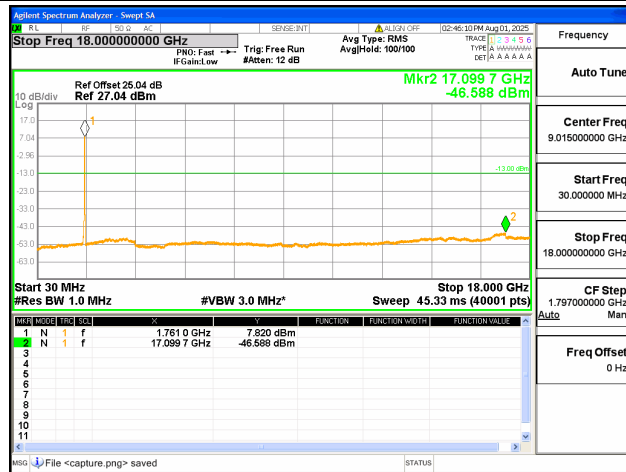
66C / 20+15MHz / QPSK / High CH /
100@0-75@0



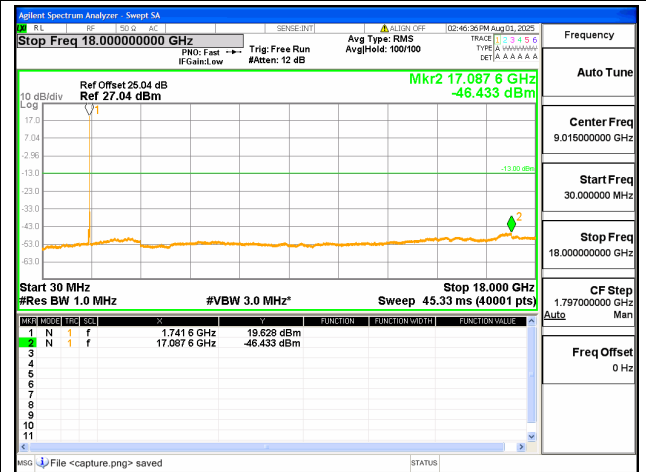
66C / 20+5MHz / QPSK / High CH / 1@0-1@24



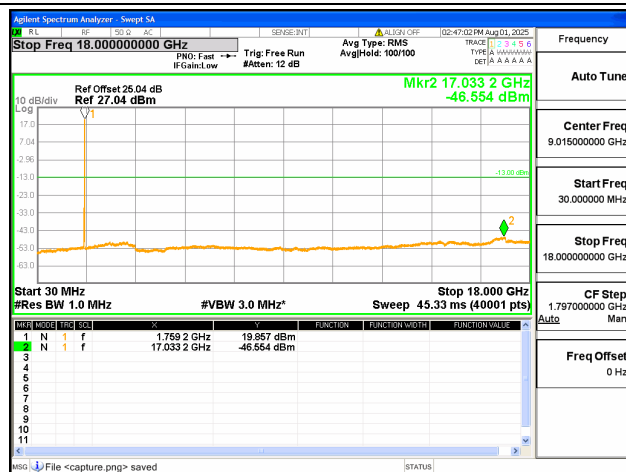
66C / 20+5MHz / QPSK / High CH / 1@99-1@0



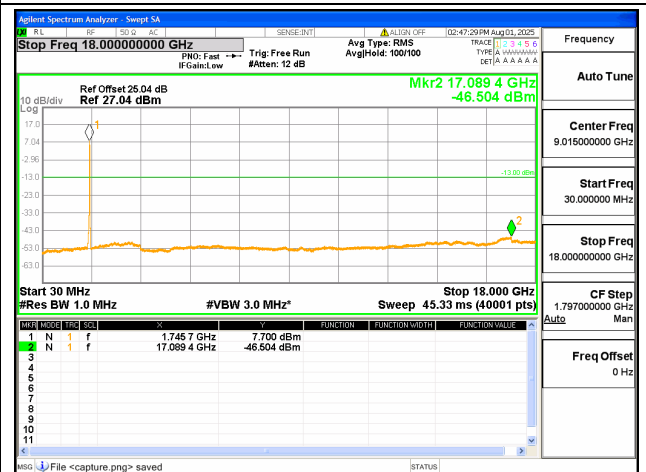
66C / 20+5MHz / QPSK / High CH /
100@0-25@0



66C / 20+20MHz / QPSK / High CH /
1@0-1@99



66C / 20+20MHz / QPSK / High CH /
1@99-1@0



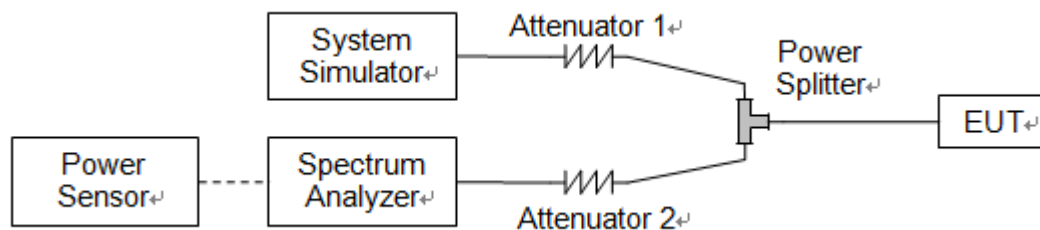
66C / 20+20MHz / QPSK / High CH /
100@0-100@0

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%.



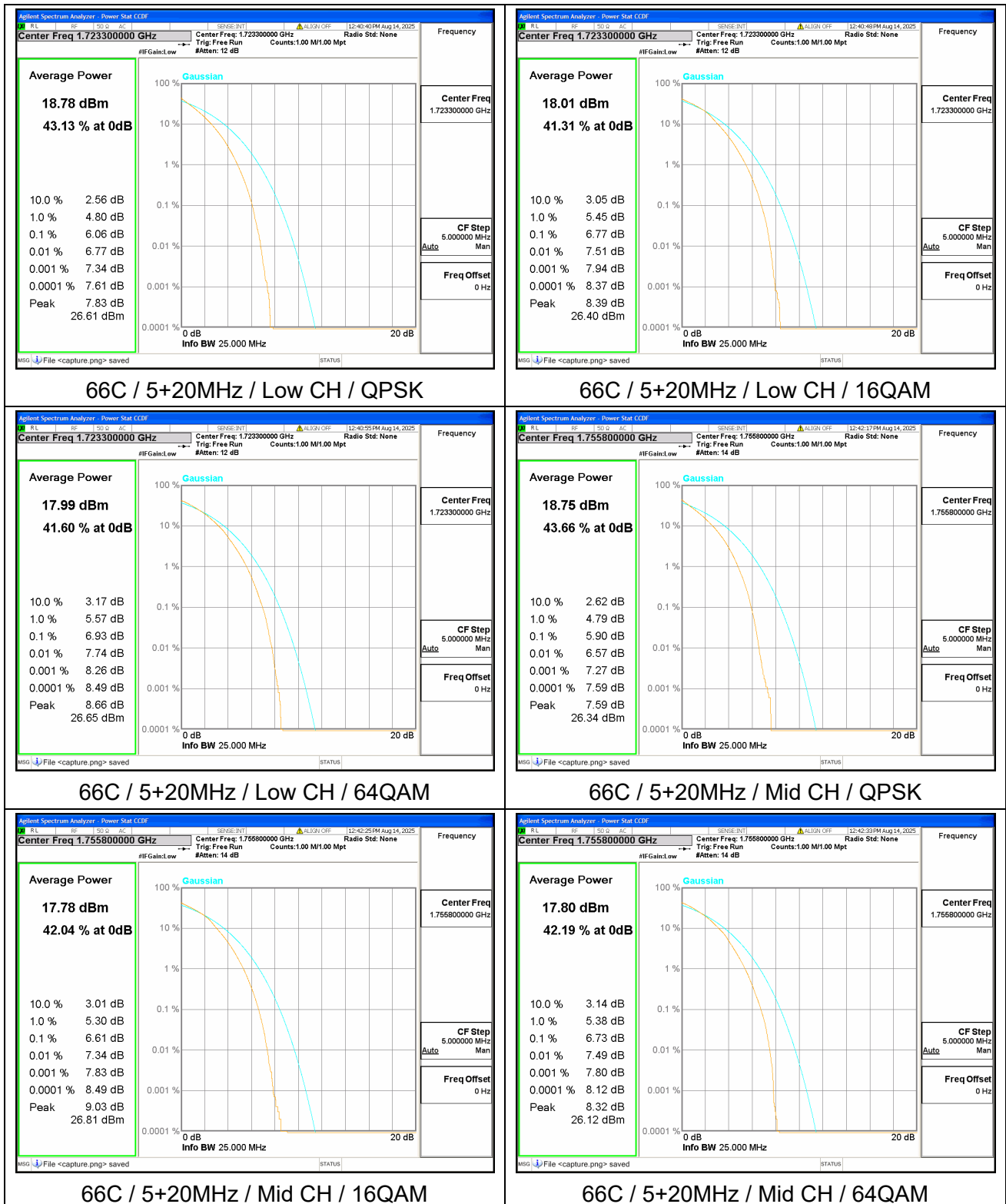
LTE Band	BW(MHz)	Channel Level	PCC CH	SCC CH	Modulation	Peak to Average Radio(dB)	Verdict
66C	5+20	Low	132005	132122	QPSK	6.06	PASS
66C	5+20	Low	132005	132122	16QAM	6.77	PASS
66C	5+20	Low	132005	132122	64QAM	6.93	PASS
66C	5+20	Mid	132330	132447	QPSK	5.90	PASS
66C	5+20	Mid	132330	132447	16QAM	6.61	PASS
66C	5+20	Mid	132330	132447	64QAM	6.73	PASS
66C	5+20	High	132455	132572	QPSK	5.70	PASS
66C	5+20	High	132455	132572	16QAM	6.52	PASS
66C	5+20	High	132455	132572	64QAM	6.68	PASS
66C	10+15	Low	132025	132145	QPSK	6.03	PASS
66C	10+15	Low	132025	132145	16QAM	6.76	PASS
66C	10+15	Low	132025	132145	64QAM	6.78	PASS
66C	10+20	Low	132027	132171	QPSK	5.98	PASS
66C	10+20	Low	132027	132171	16QAM	6.74	PASS
66C	10+20	Low	132027	132171	64QAM	6.84	PASS
66C	10+15	Mid	132351	132471	QPSK	6.07	PASS
66C	10+15	Mid	132351	132471	16QAM	6.70	PASS
66C	10+15	Mid	132351	132471	64QAM	6.72	PASS
66C	10+20	Mid	132328	132472	QPSK	5.93	PASS
66C	10+20	Mid	132328	132472	16QAM	6.51	PASS
66C	10+20	Mid	132328	132472	64QAM	6.82	PASS
66C	10+15	High	132477	132597	QPSK	5.77	PASS
66C	10+15	High	132477	132597	16QAM	6.55	PASS
66C	10+15	High	132477	132597	64QAM	6.66	PASS
66C	10+20	High	132428	132572	QPSK	5.87	PASS
66C	10+20	High	132428	132572	16QAM	6.59	PASS
66C	10+20	High	132428	132572	64QAM	6.64	PASS
66C	15+10	Low	132047	132167	QPSK	5.99	PASS
66C	15+10	Low	132047	132167	16QAM	6.48	PASS
66C	15+10	Low	132047	132167	64QAM	6.70	PASS
66C	15+15	Low	132047	132197	QPSK	6.52	PASS
66C	15+15	Low	132047	132197	16QAM	6.91	PASS
66C	15+15	Low	132047	132197	64QAM	7.17	PASS
66C	15+20	Low	132050	132221	QPSK	6.21	PASS
66C	15+20	Low	132050	132221	16QAM	6.55	PASS

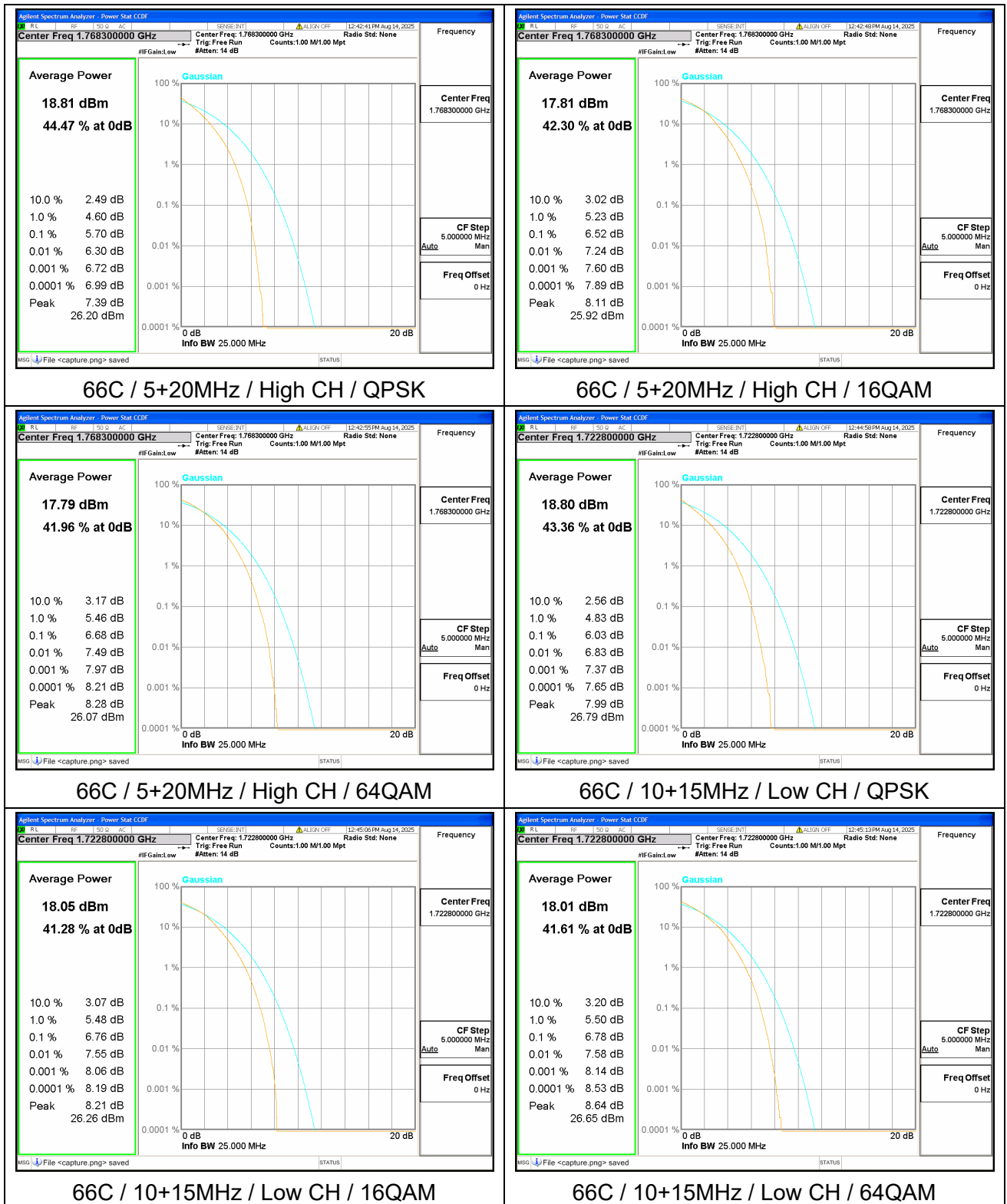


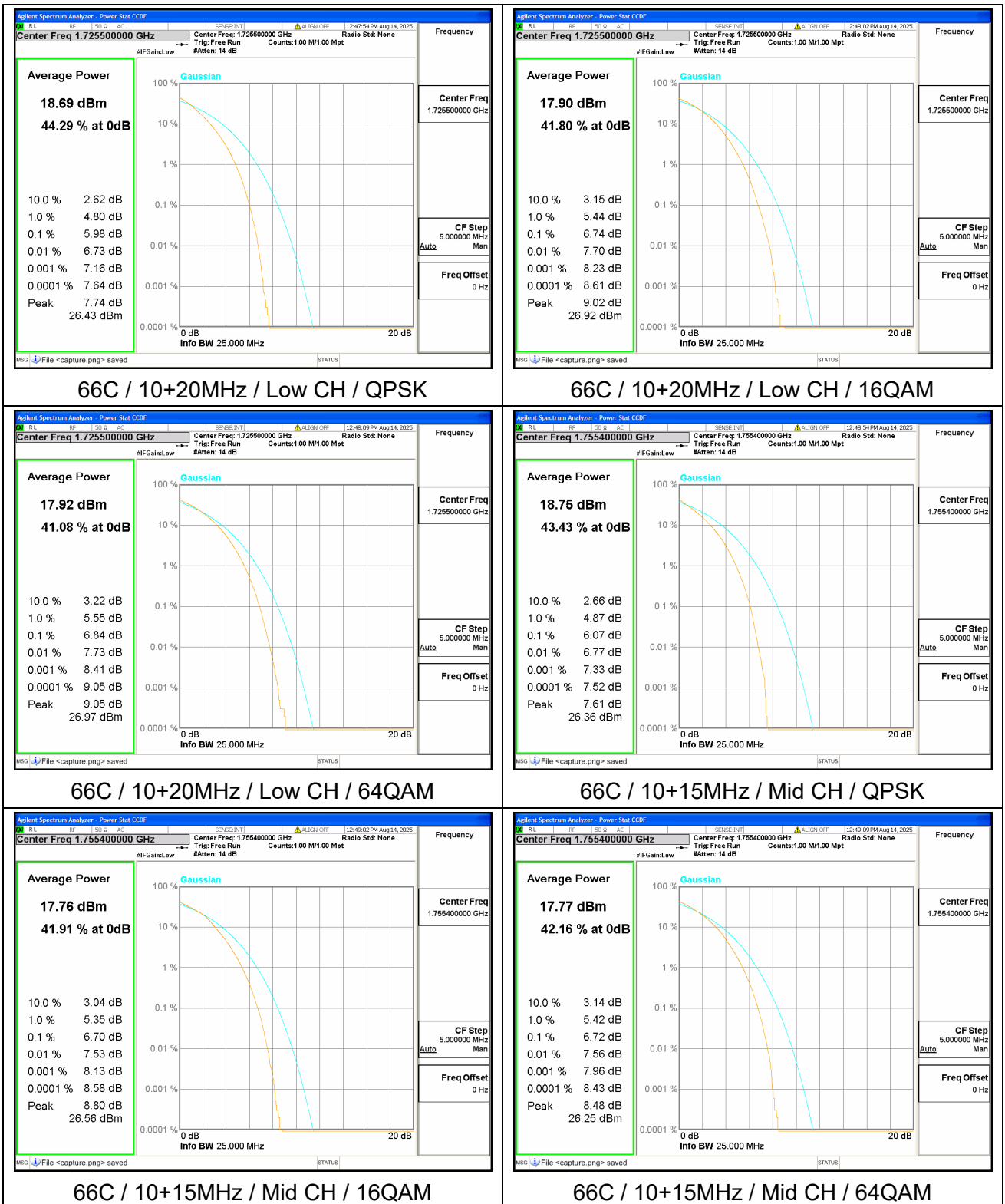
66C	15+20	Low	132050	132221	64QAM	6.83	PASS
66C	15+10	Mid	132373	132493	QPSK	5.93	PASS
66C	15+10	Mid	132373	132493	16QAM	6.58	PASS
66C	15+10	Mid	132373	132493	64QAM	6.72	PASS
66C	15+15	Mid	132347	132497	QPSK	6.43	PASS
66C	15+15	Mid	132347	132497	16QAM	6.96	PASS
66C	15+15	Mid	132347	132497	64QAM	6.95	PASS
66C	15+20	Mid	132325	132496	QPSK	6.16	PASS
66C	15+20	Mid	132325	132496	16QAM	6.68	PASS
66C	15+20	Mid	132325	132496	64QAM	6.90	PASS
66C	15+10	High	132499	132619	QPSK	5.84	PASS
66C	15+10	High	132499	132619	16QAM	6.43	PASS
66C	15+10	High	132499	132619	64QAM	6.57	PASS
66C	15+15	High	132447	132597	QPSK	6.02	PASS
66C	15+15	High	132447	132597	16QAM	6.99	PASS
66C	15+15	High	132447	132597	64QAM	7.06	PASS
66C	15+20	High	132401	132572	QPSK	5.96	PASS
66C	15+20	High	132401	132572	16QAM	6.56	PASS
66C	15+20	High	132401	132572	64QAM	6.81	PASS
66C	20+10	Low	132072	132216	QPSK	5.78	PASS
66C	20+10	Low	132072	132216	16QAM	6.54	PASS
66C	20+10	Low	132072	132216	64QAM	6.58	PASS
66C	20+15	Low	132072	132243	QPSK	5.95	PASS
66C	20+15	Low	132072	132243	16QAM	6.68	PASS
66C	20+15	Low	132072	132243	64QAM	6.88	PASS
66C	20+5	Low	132072	132189	QPSK	5.77	PASS
66C	20+5	Low	132072	132189	16QAM	6.42	PASS
66C	20+5	Low	132072	132189	64QAM	6.65	PASS
66C	20+20	Low	132072	132270	QPSK	5.78	PASS
66C	20+20	Low	132072	132270	16QAM	6.74	PASS
66C	20+20	Low	132072	132270	64QAM	7.00	PASS
66C	20+10	Mid	132373	132517	QPSK	5.98	PASS
66C	20+10	Mid	132373	132517	16QAM	6.71	PASS
66C	20+10	Mid	132373	132517	64QAM	6.75	PASS
66C	20+15	Mid	132348	132519	QPSK	5.99	PASS
66C	20+15	Mid	132348	132519	16QAM	6.79	PASS
66C	20+15	Mid	132348	132519	64QAM	6.76	PASS
66C	20+5	Mid	132397	132514	QPSK	5.82	PASS

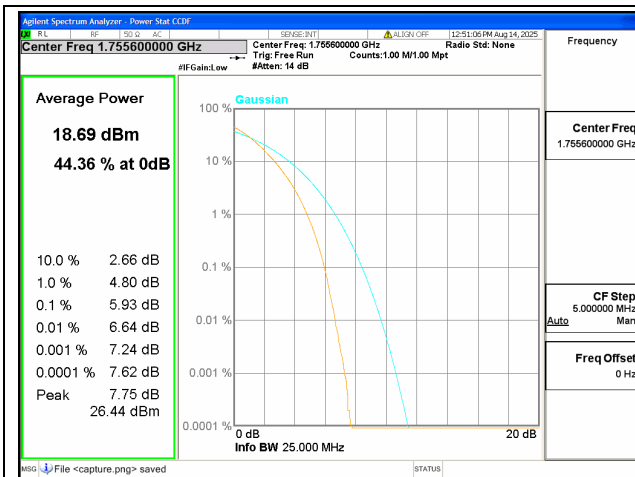


66C	20+5	Mid	132397	132514	16QAM	6.60	PASS
66C	20+5	Mid	132397	132514	64QAM	6.70	PASS
66C	20+20	Mid	132323	132521	QPSK	5.80	PASS
66C	20+20	Mid	132323	132521	16QAM	6.94	PASS
66C	20+20	Mid	132323	132521	64QAM	6.93	PASS
66C	20+10	High	132473	132617	QPSK	5.81	PASS
66C	20+10	High	132473	132617	16QAM	6.56	PASS
66C	20+10	High	132473	132617	64QAM	6.66	PASS
66C	20+15	High	132423	132594	QPSK	5.84	PASS
66C	20+15	High	132423	132594	16QAM	6.60	PASS
66C	20+15	High	132423	132594	64QAM	6.66	PASS
66C	20+5	High	132522	132639	QPSK	5.77	PASS
66C	20+5	High	132522	132639	16QAM	6.42	PASS
66C	20+5	High	132522	132639	64QAM	6.60	PASS
66C	20+20	High	132374	132572	QPSK	5.75	PASS
66C	20+20	High	132374	132572	16QAM	6.75	PASS
66C	20+20	High	132374	132572	64QAM	7.00	PASS

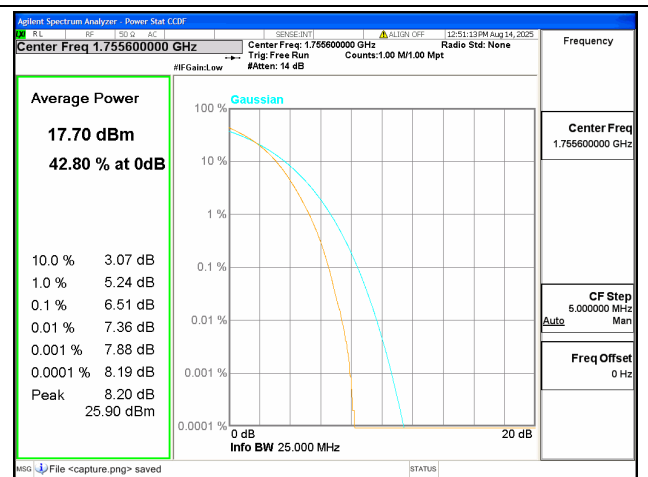




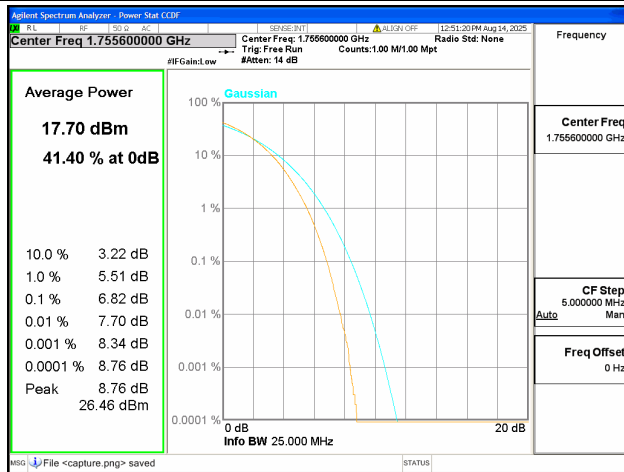




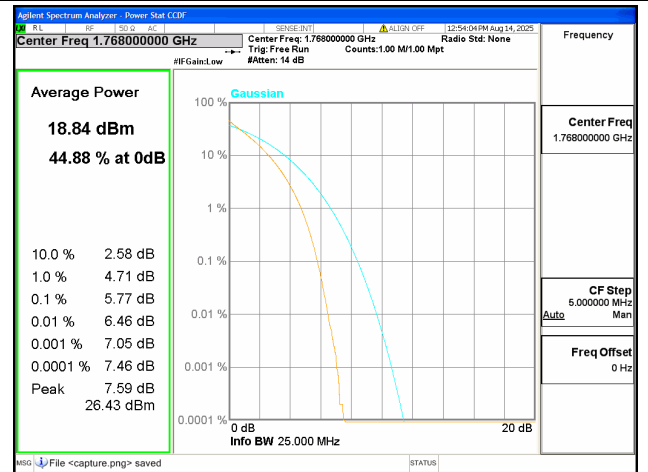
66C / 10+20MHz / Mid CH / QPSK



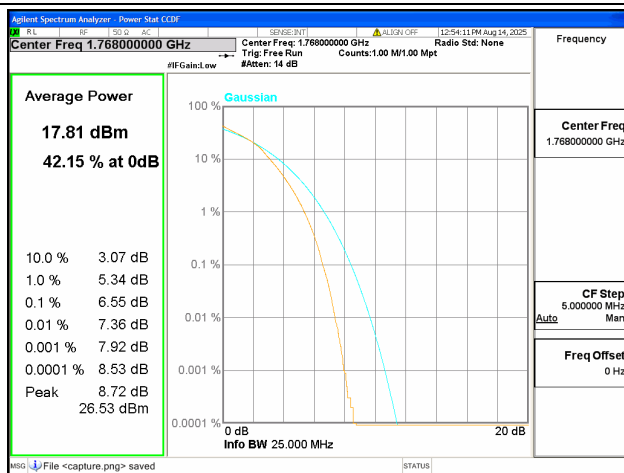
66C / 10+20MHz / Mid CH / 16QAM



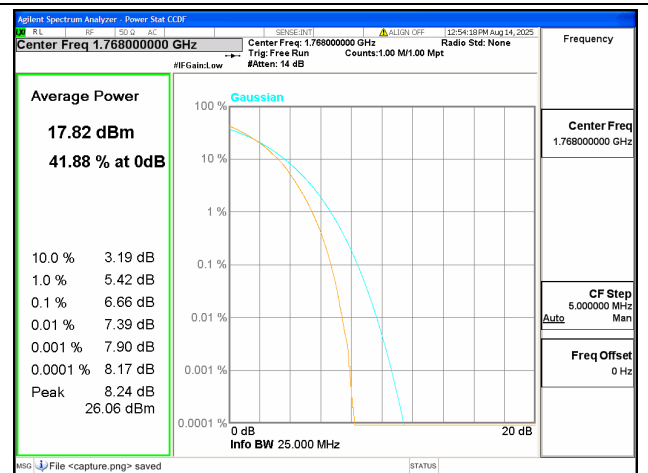
66C / 10+20MHz / Mid CH / 64QAM



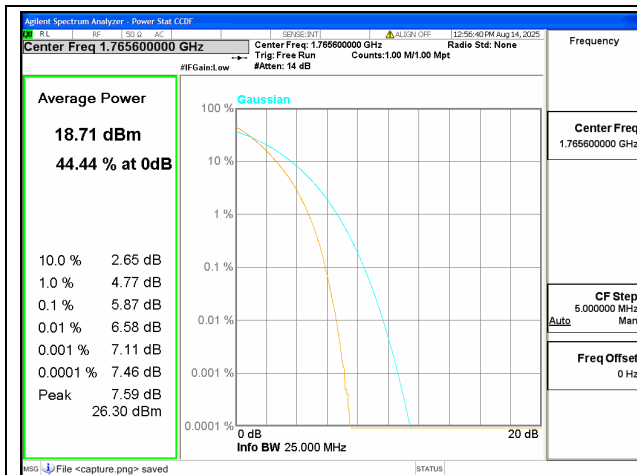
66C / 10+15MHz / High CH / QPSK



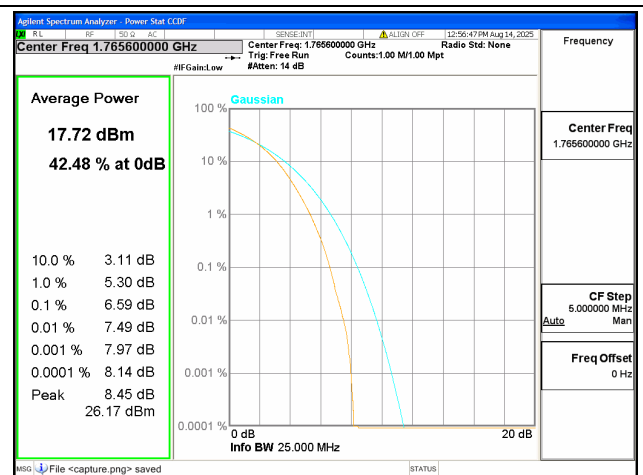
66C / 10+15MHz / High CH / 16QAM



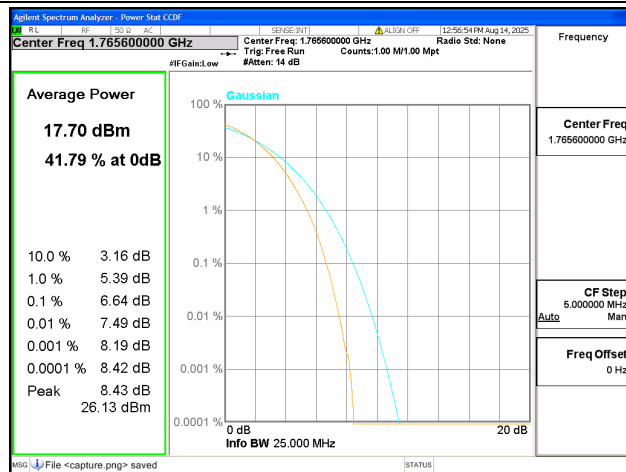
66C / 10+15MHz / High CH / 64QAM



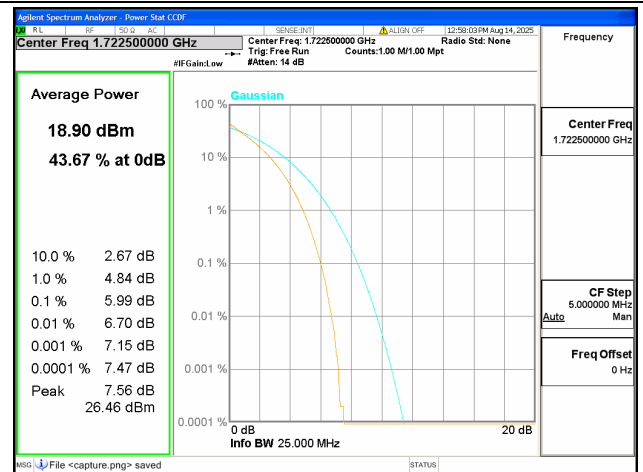
66C / 10+20MHz / High CH / QPSK



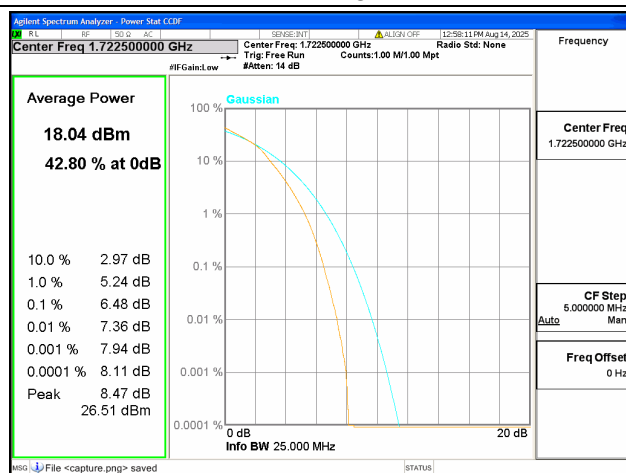
66C / 10+20MHz / High CH / 16QAM



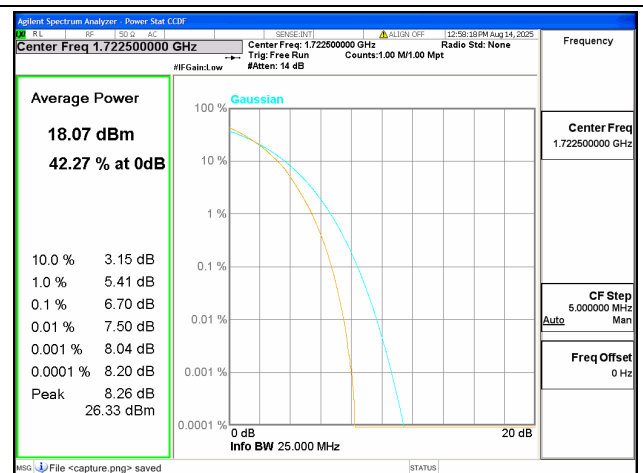
66C / 10+20MHz / High CH / 64QAM



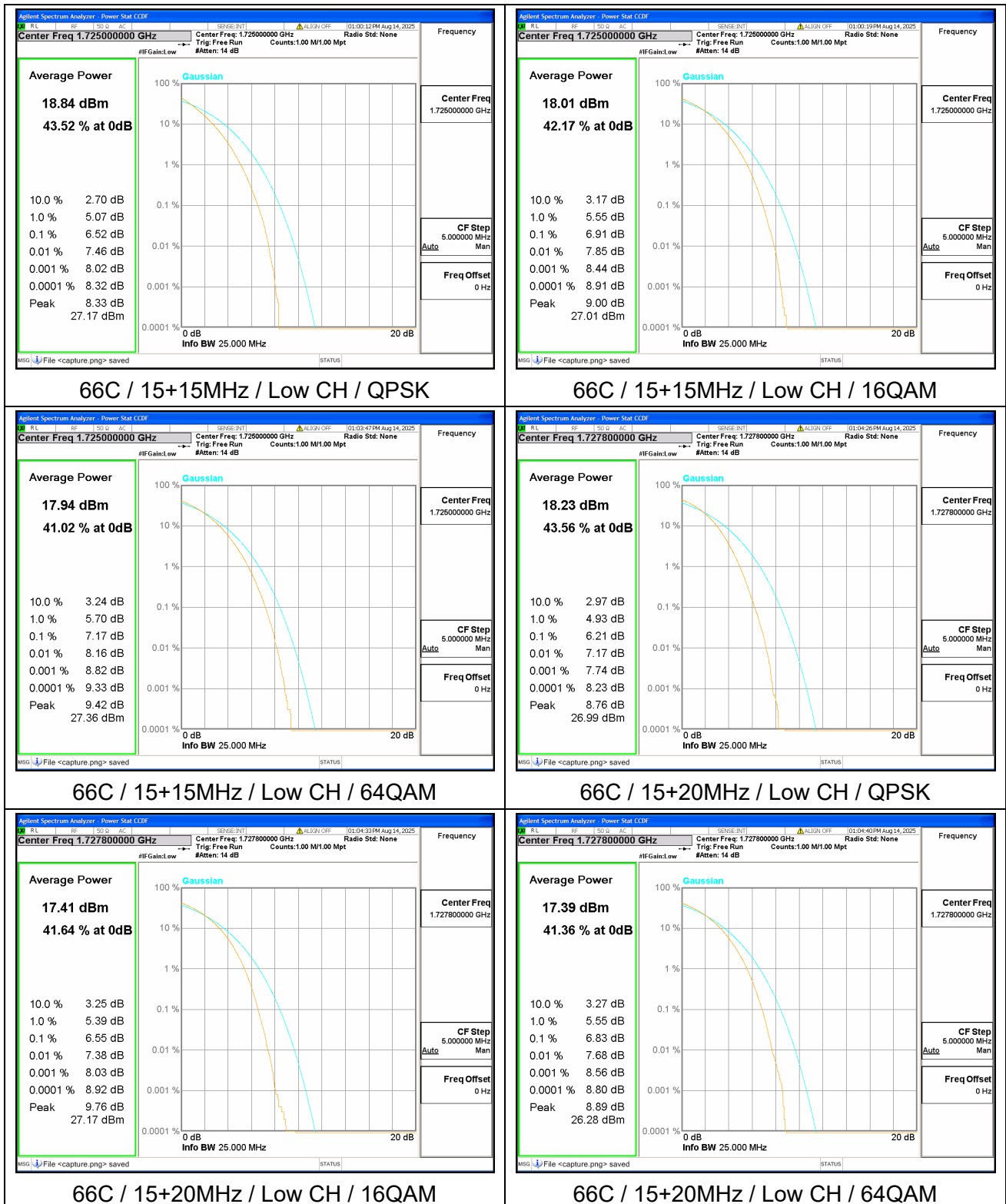
66C / 15+10MHz / Low CH / QPSK

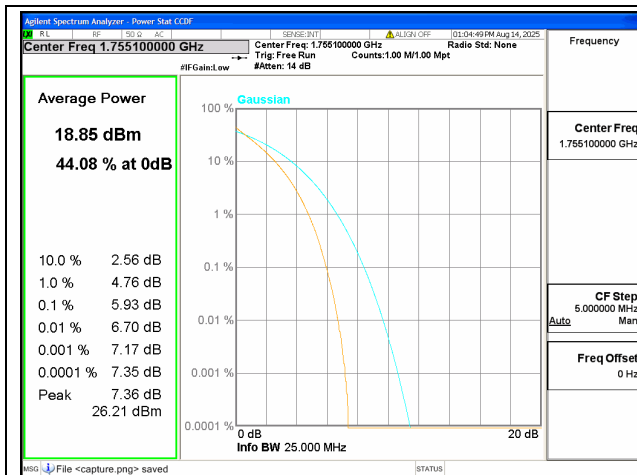


66C / 15+10MHz / Low CH / 16QAM

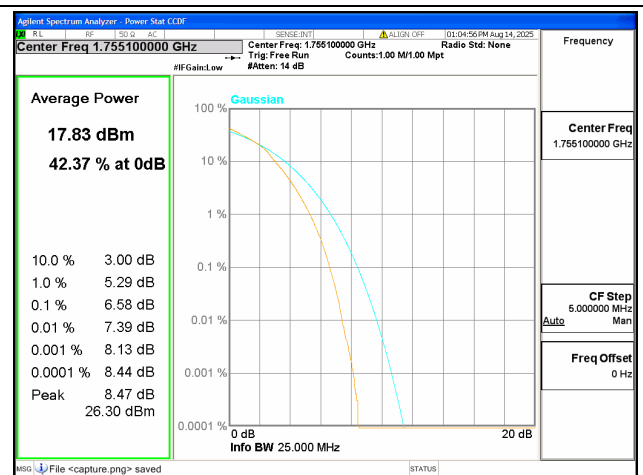


66C / 15+10MHz / Low CH / 64QAM

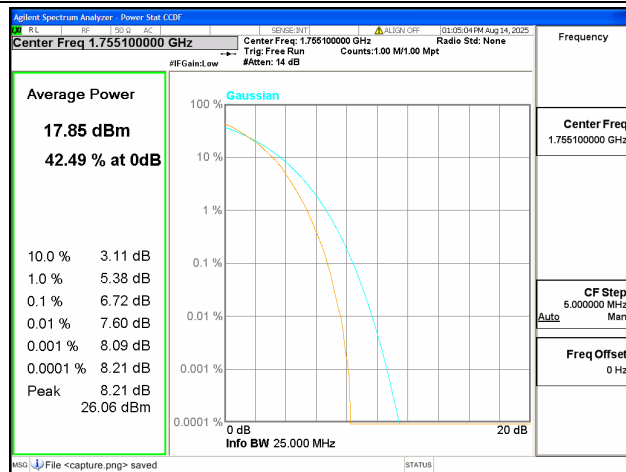




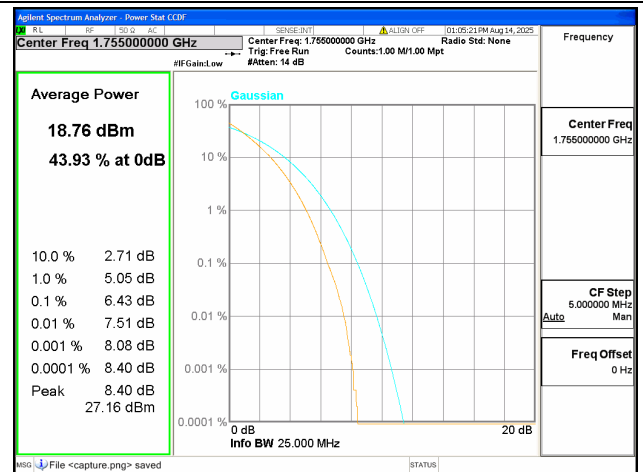
66C / 15+10MHz / Mid CH / QPSK



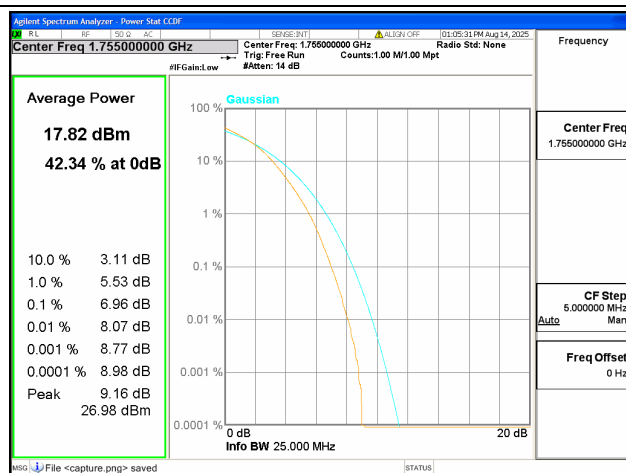
66C / 15+10MHz / Mid CH / 16QAM



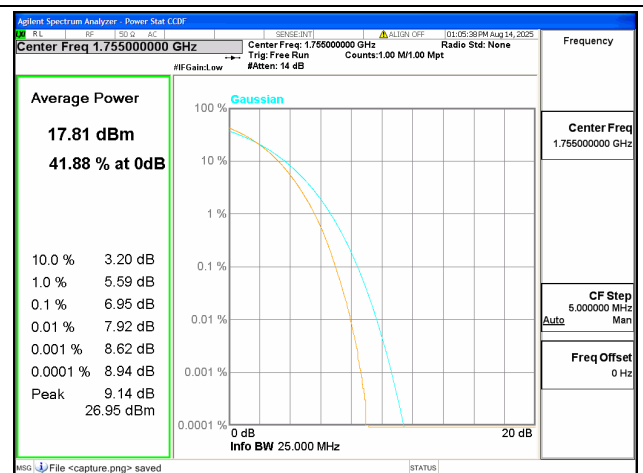
66C / 15+10MHz / Mid CH / 64QAM



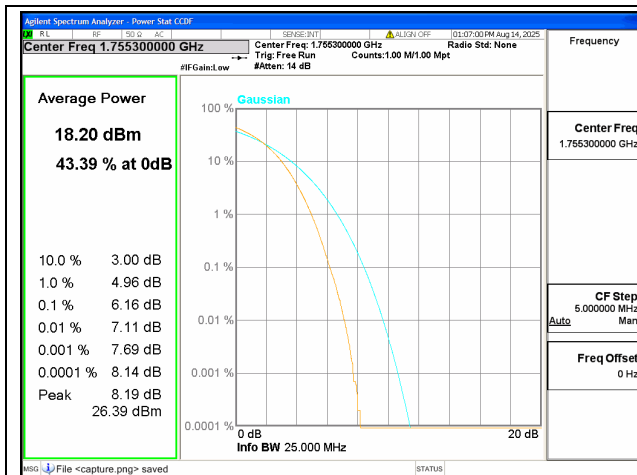
66C / 15+15MHz / Mid CH / QPSK



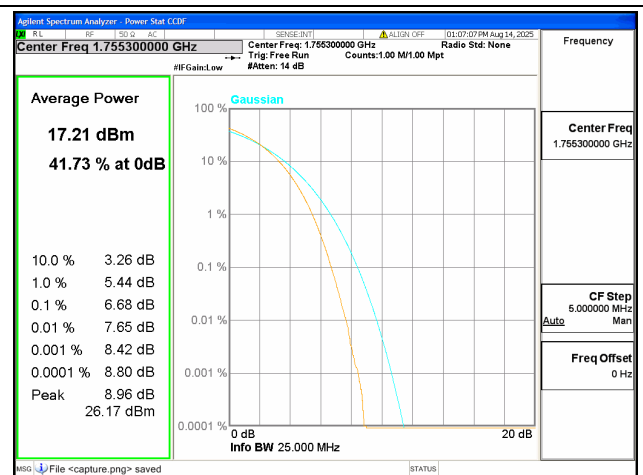
66C / 15+15MHz / Mid CH / 16QAM



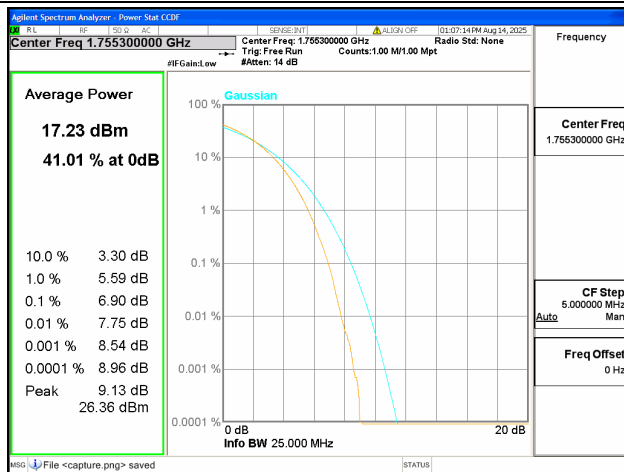
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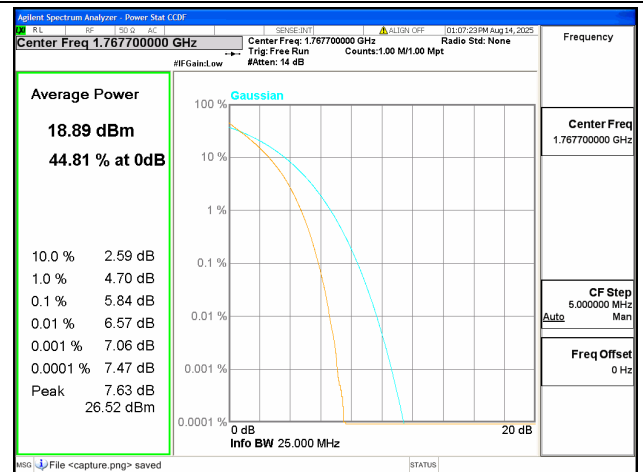
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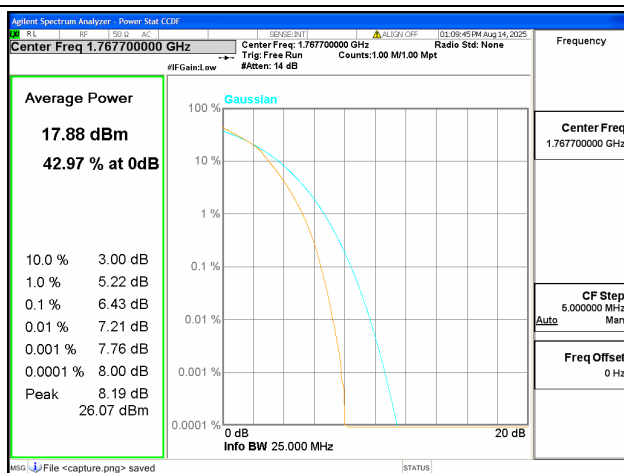
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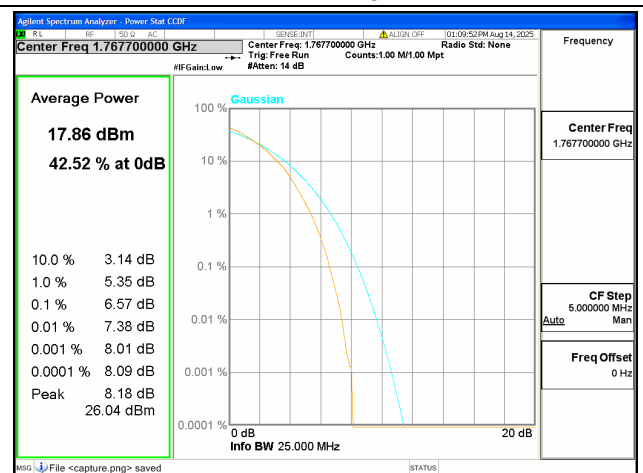
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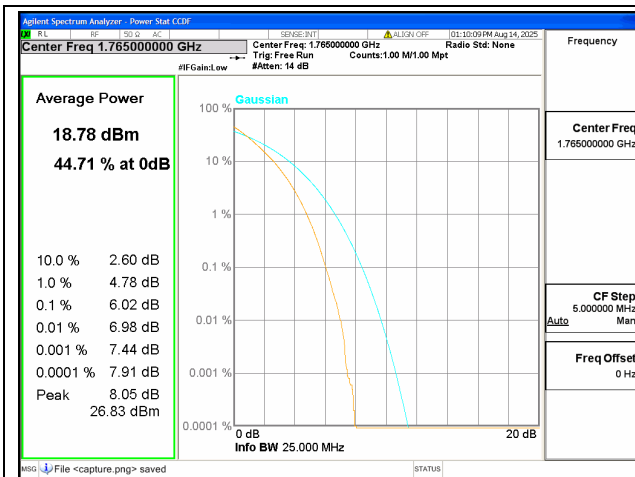
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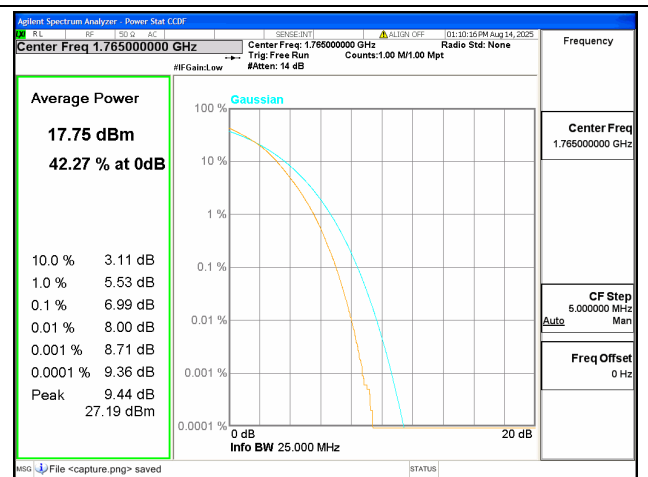
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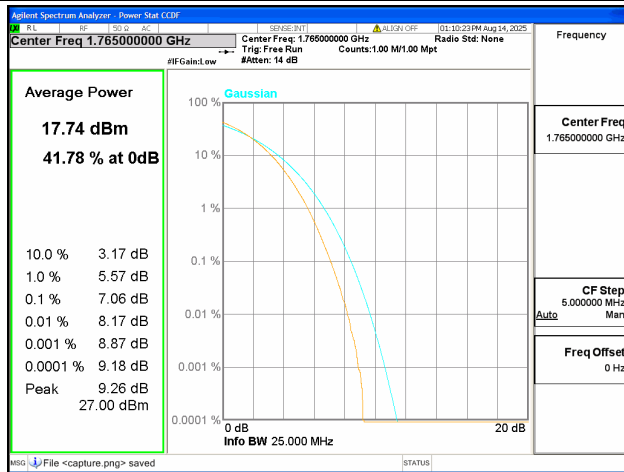
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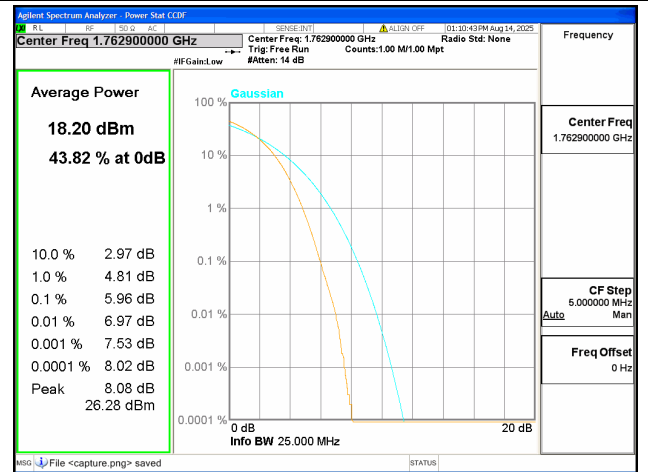
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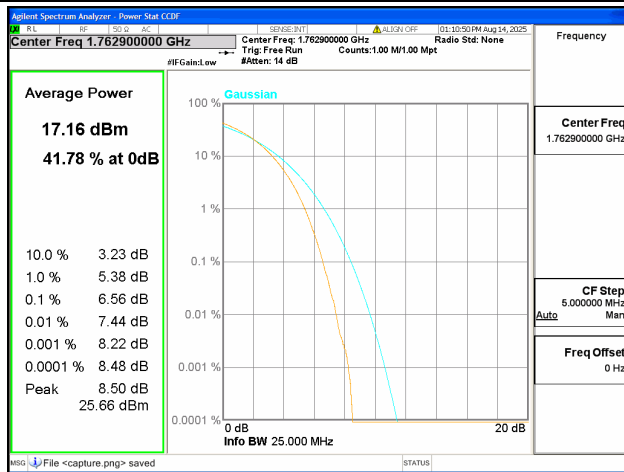
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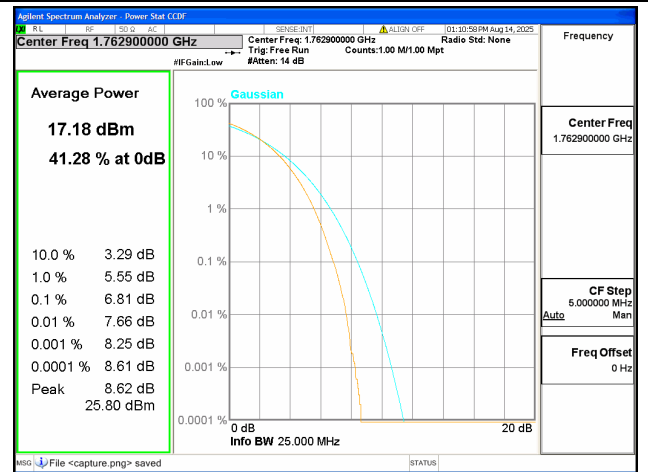
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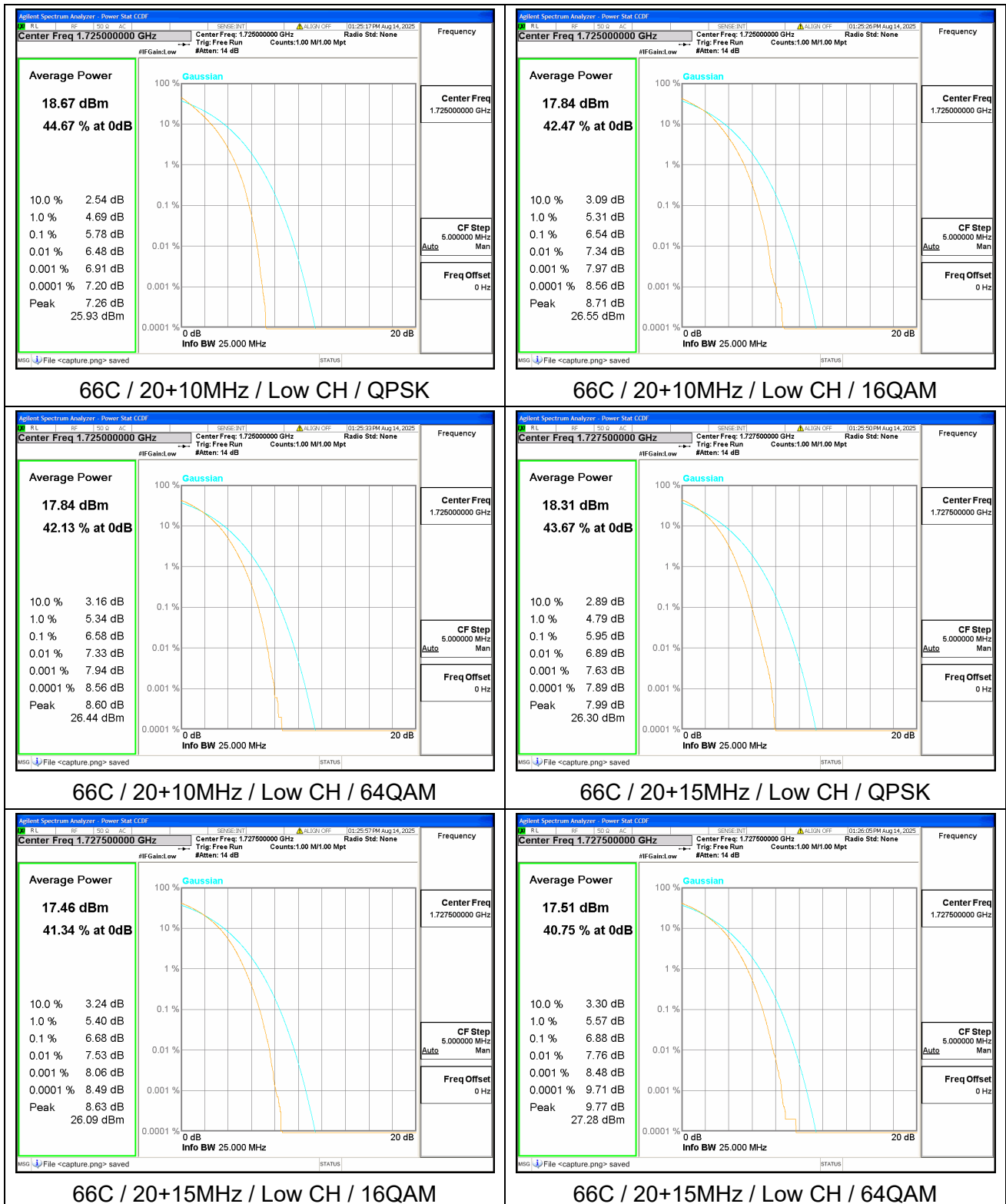
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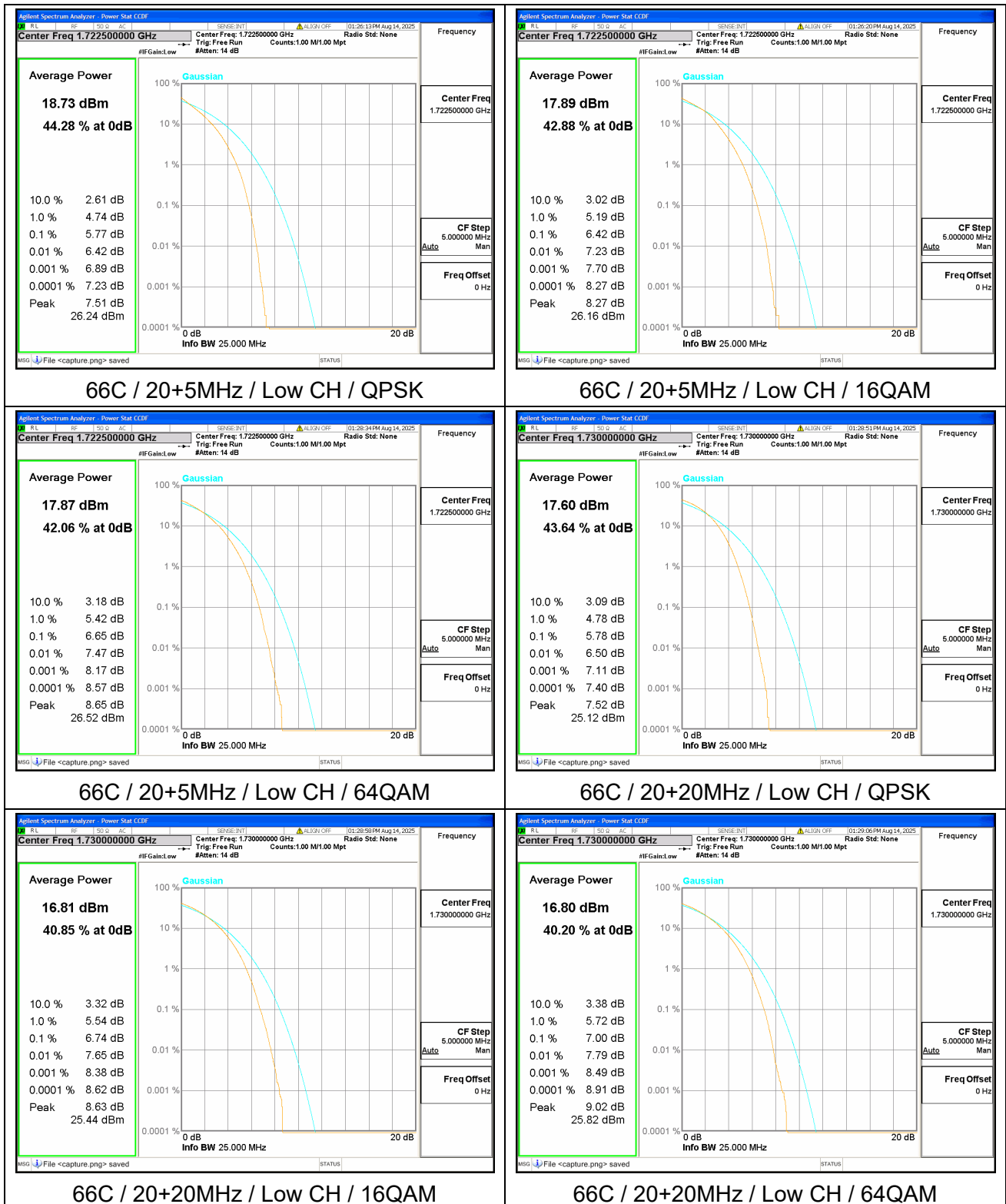


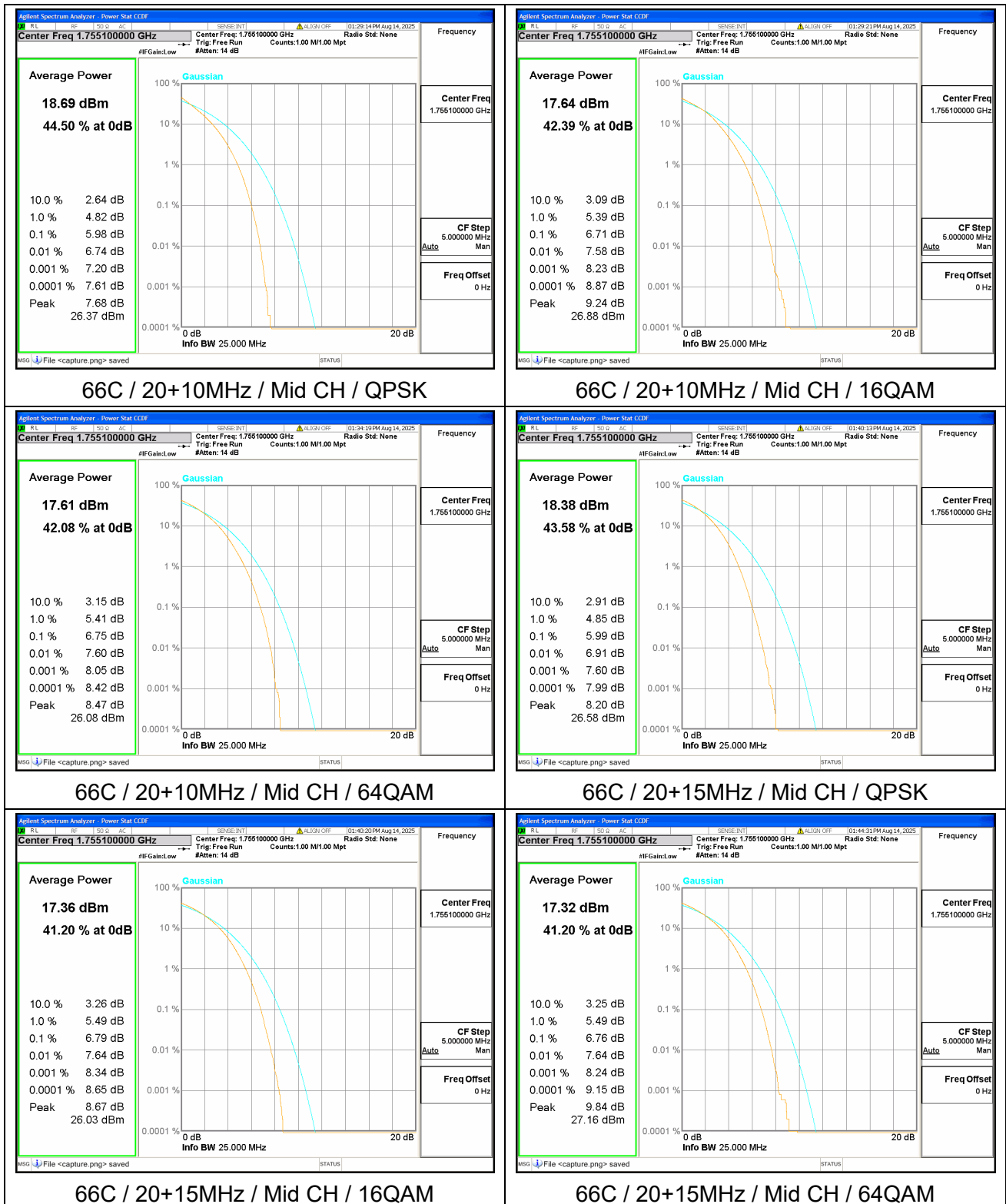
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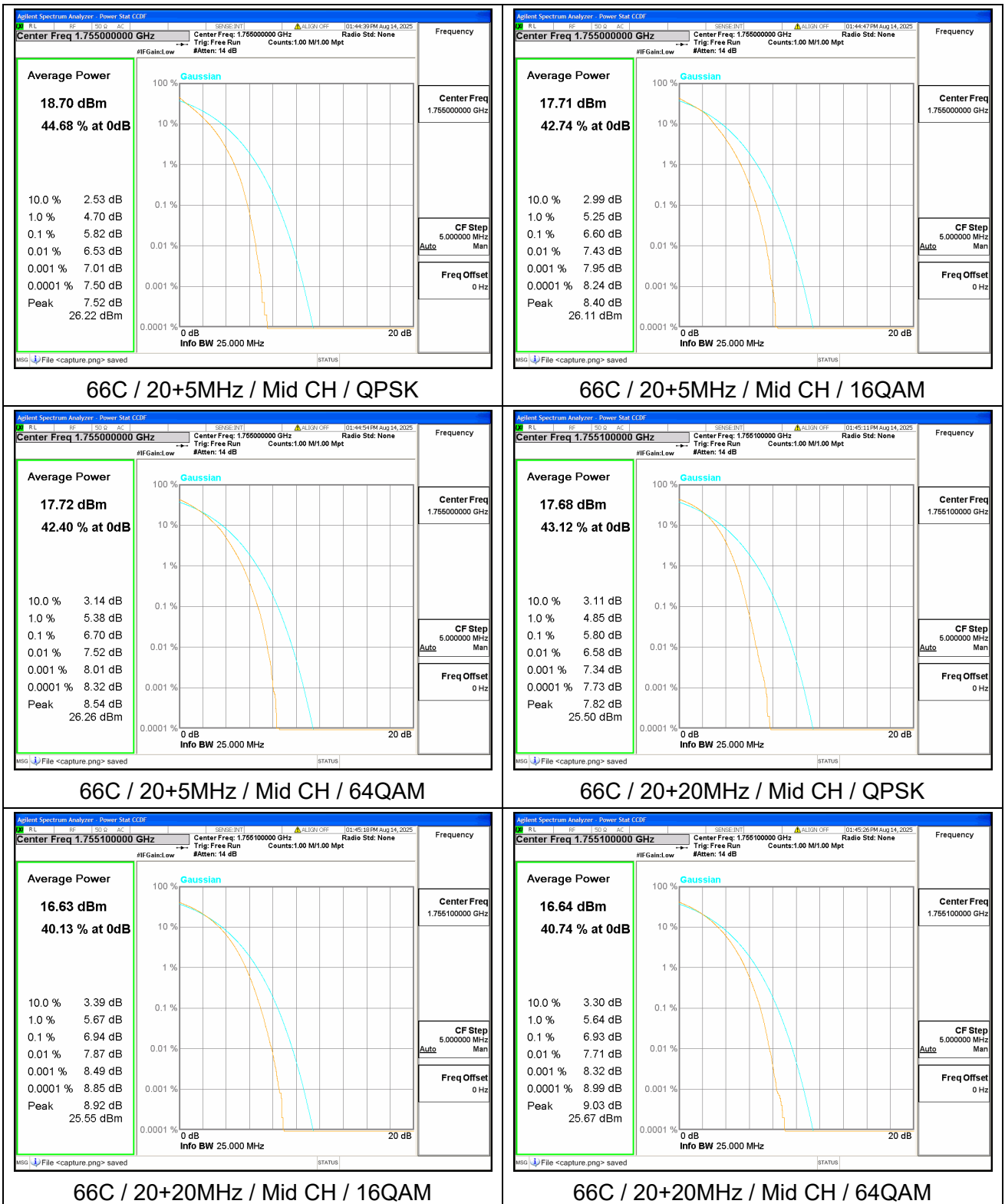


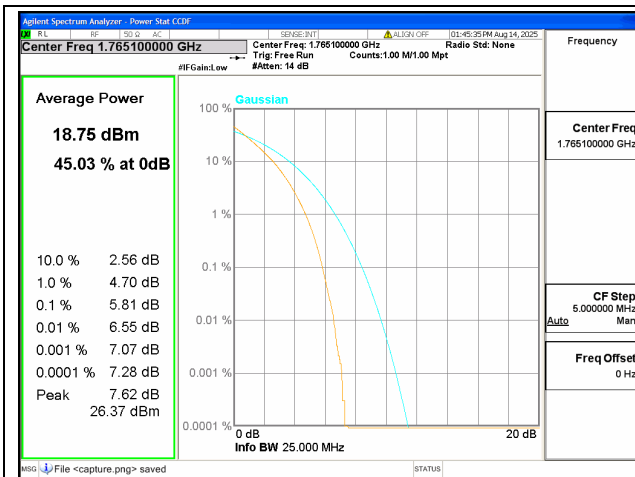
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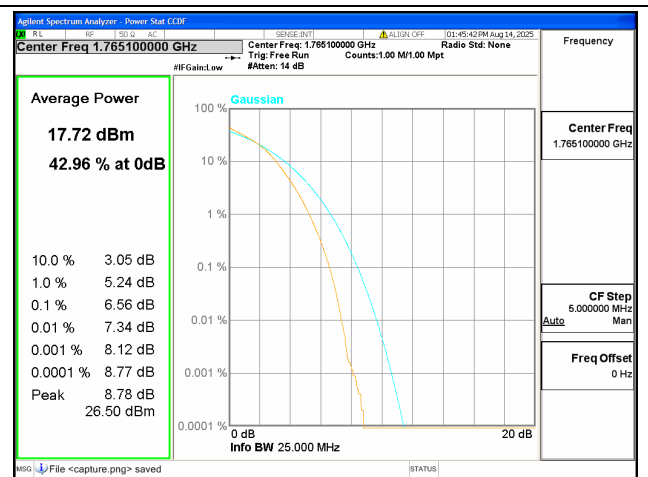




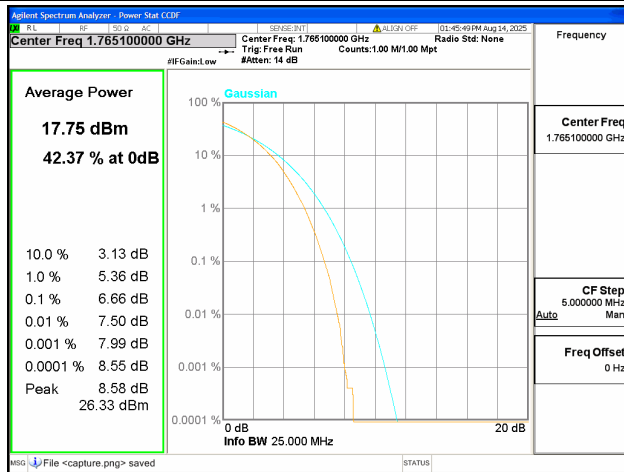




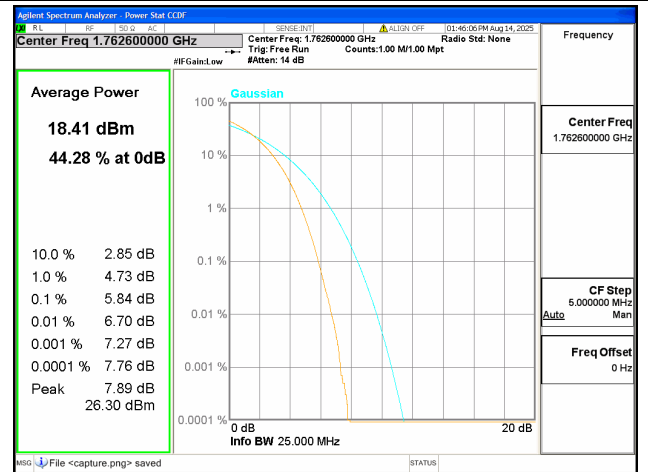
66C / 20+10MHz / High CH / QPSK



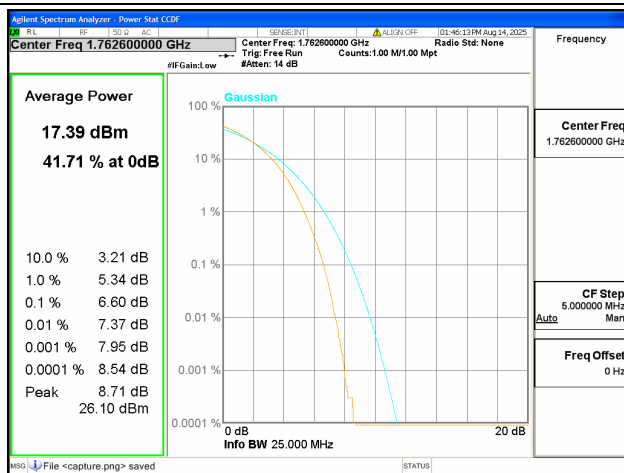
66C / 20+10MHz / High CH / 16QAM



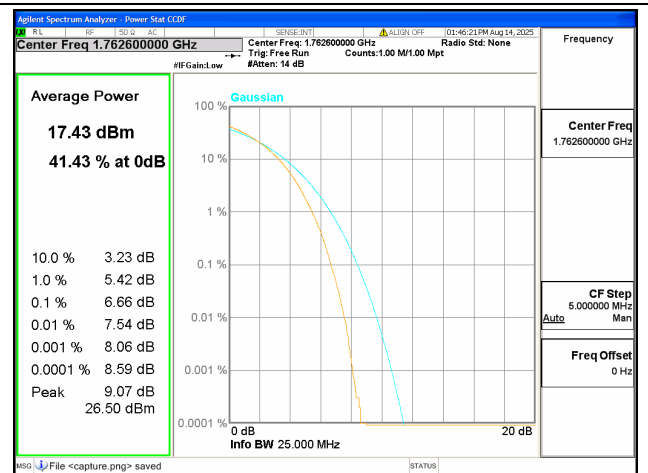
66C / 20+10MHz / High CH / 64QAM



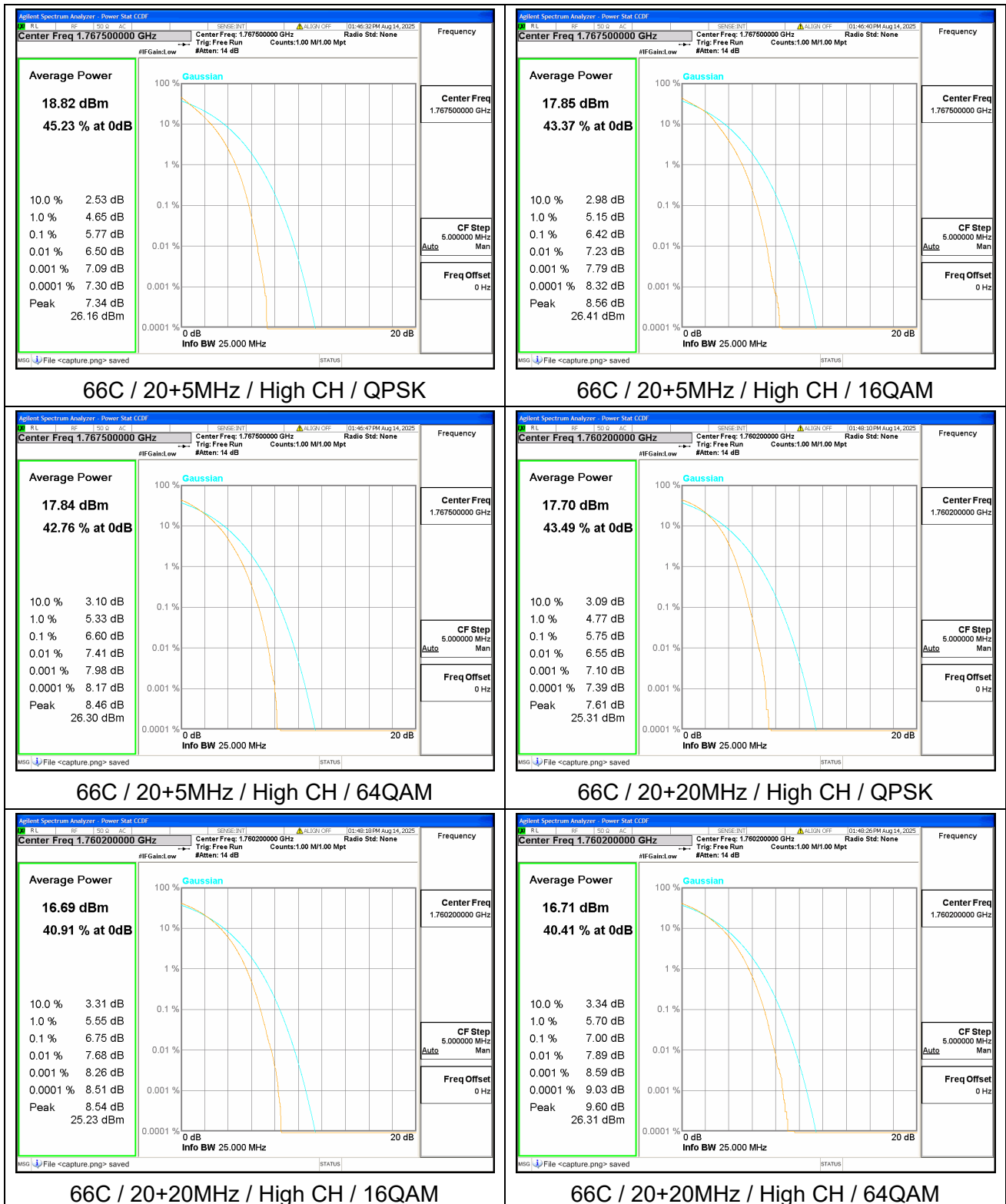
66C / 20+15MHz / High CH / QPSK



66C / 20+15MHz / High CH / 16QAM



66C / 20+15MHz / High CH / 64QAM



2.5. Band Edge

2.5.1. Requirement

Part 96.41(e)(1)(ii)

For channel and frequency assignments made by a CBSD to End User Devices, the conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed -25 dBm/MHz.

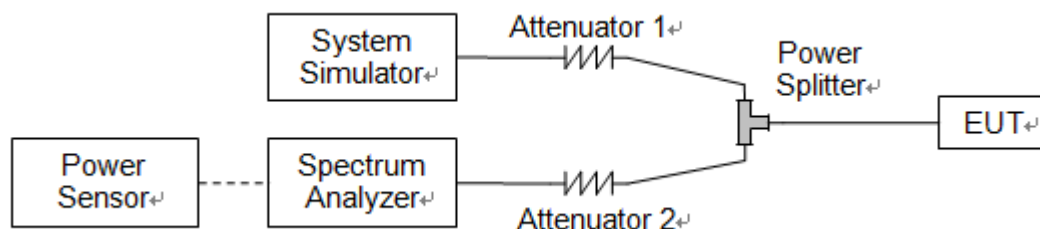
Part 96.41(e)(2)

For CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz.

Band 66

According to FCC section 27.53(h), for operations in the 1710–1755 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dBm 1 MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

2.5.2. 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

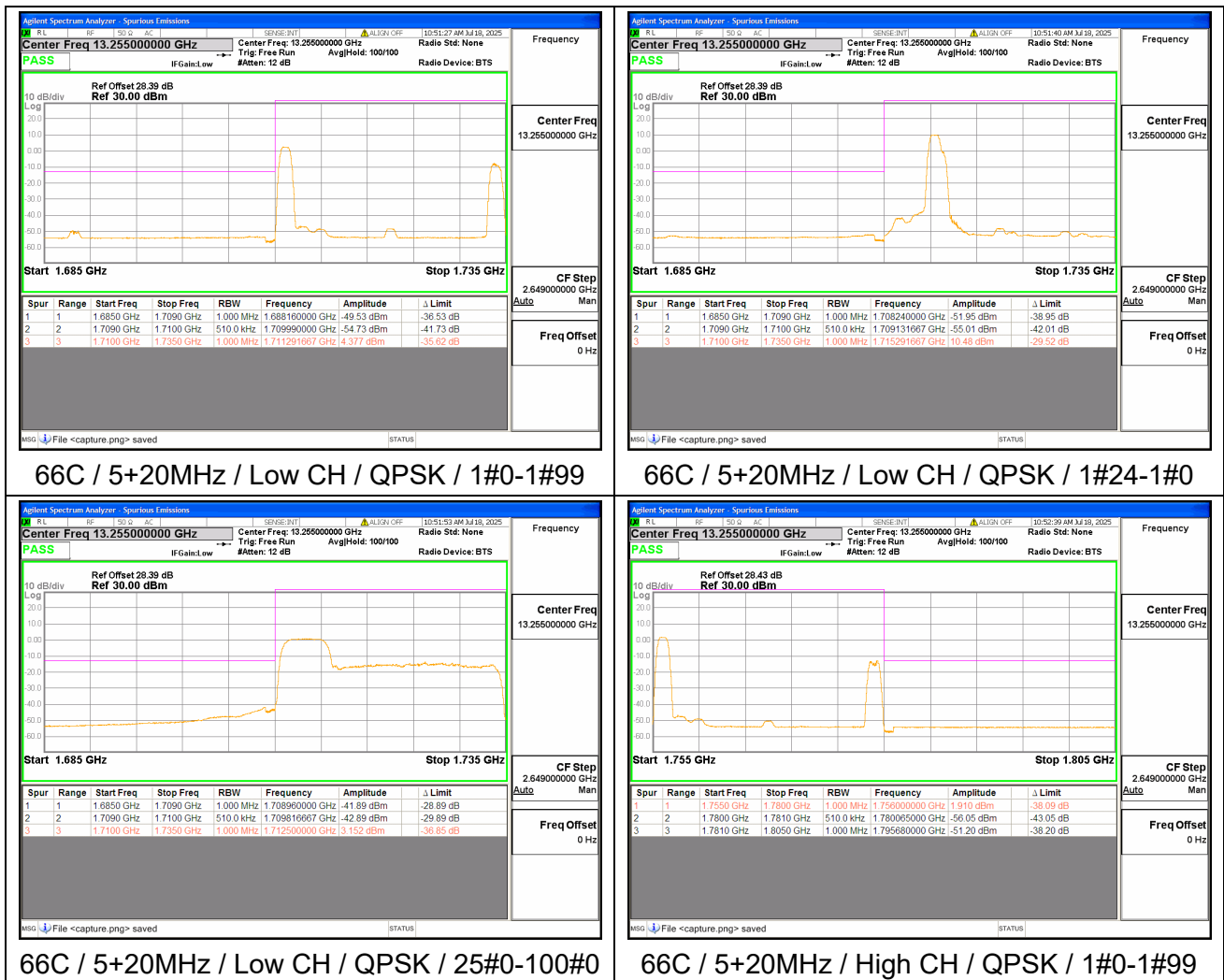


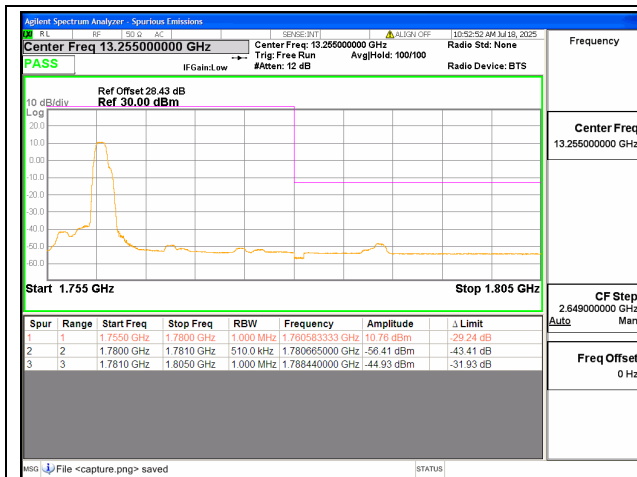
loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.5.3. Test Procedure

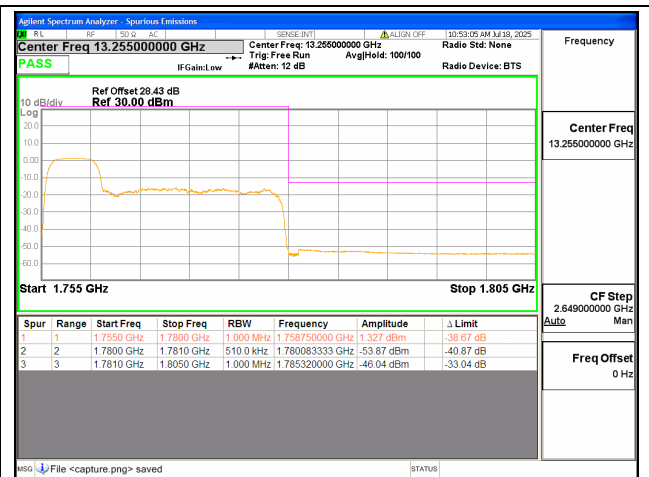
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result

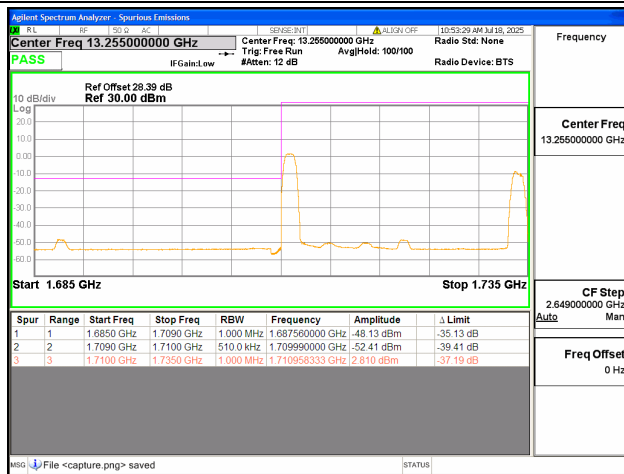




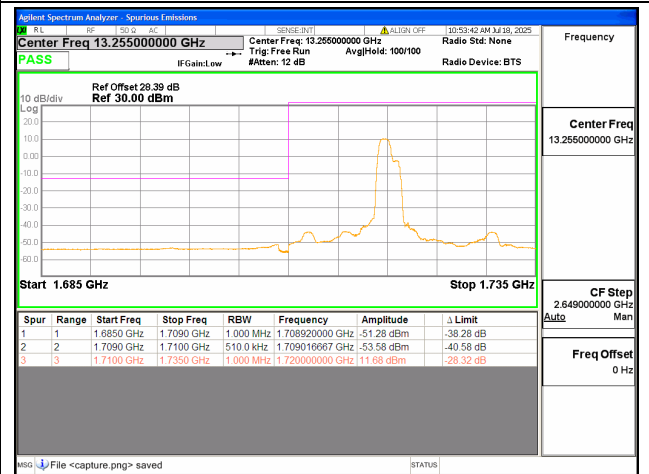
66C / 5+20MHz / High CH / QPSK / 1#24-1#0



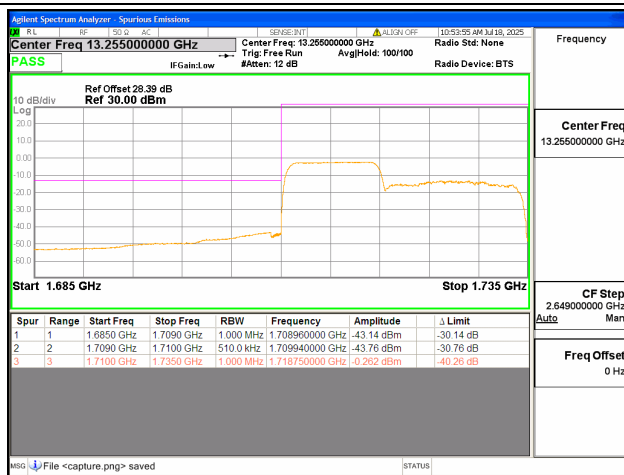
66C / 5+20MHz / High CH / QPSK / 25#0-100#0



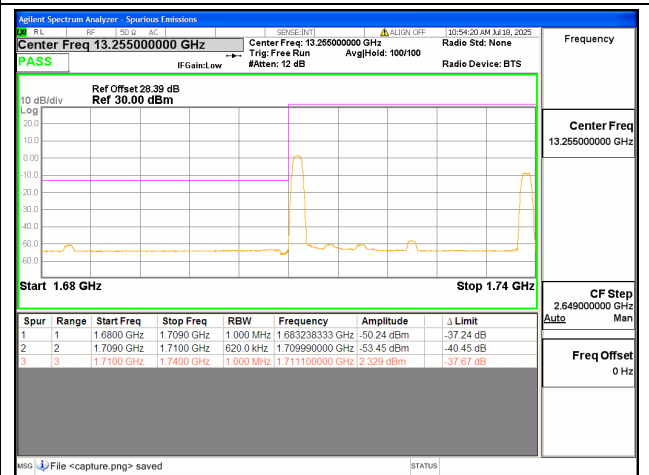
66C / 10+15MHz / Low CH / QPSK / 1#0-1#74



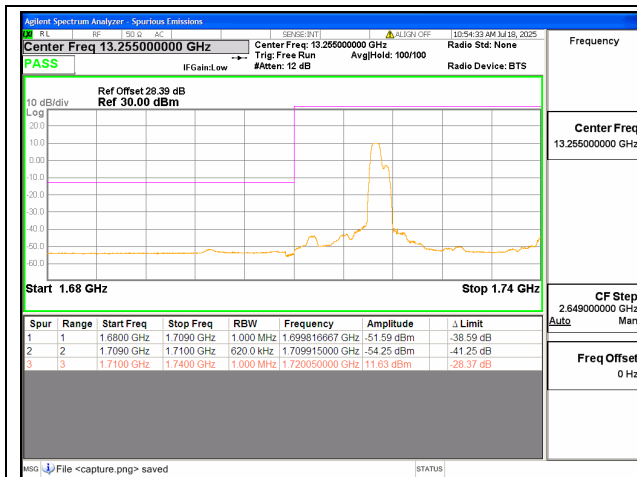
66C / 10+15MHz / Low CH / QPSK / 1#49-1#0



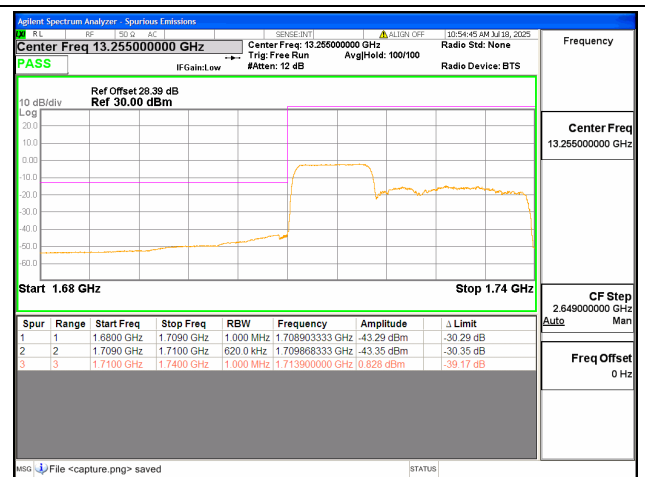
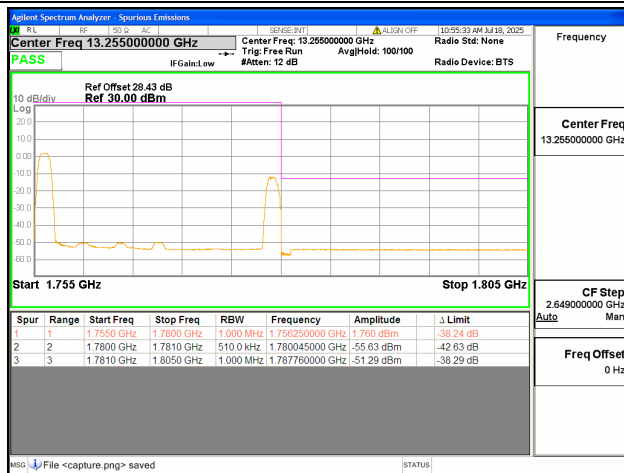
66C / 10+15MHz / Low CH / QPSK / 50#0-75#0



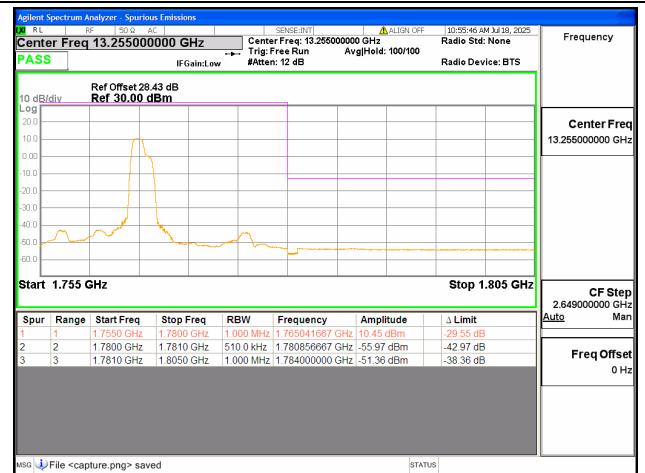
66C / 10+20MHz / Low CH / QPSK / 1#0-1#99



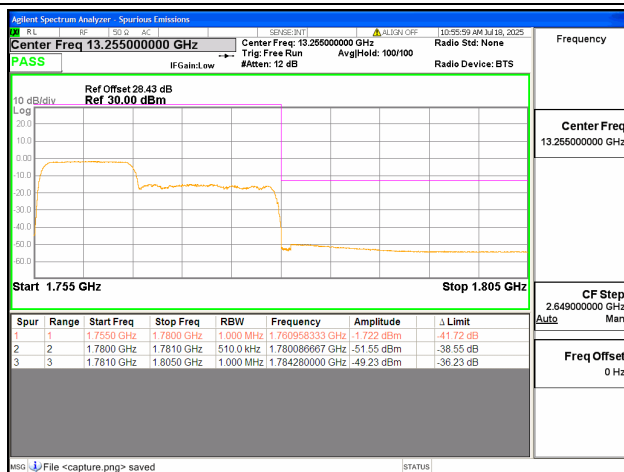
66C / 10+20MHz / Low CH / QPSK / 1#49-1#0

66C / 10+20MHz / Low CH / QPSK /
50#0-100#0

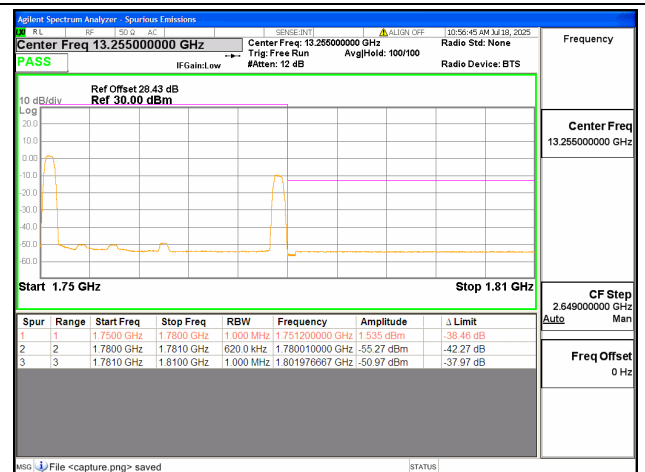
66C / 10+15MHz / High CH / QPSK / 1#0-1#74



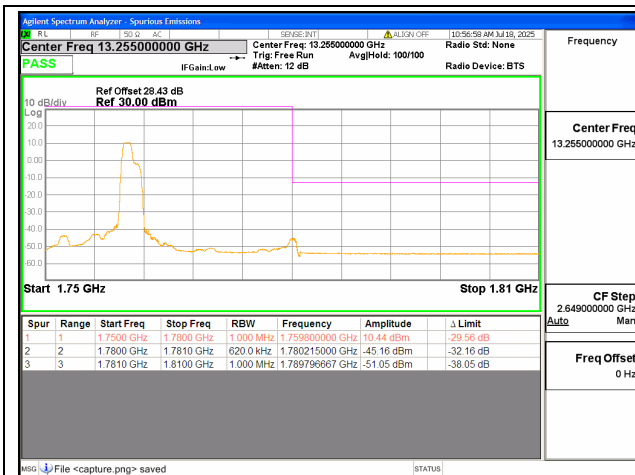
66C / 10+15MHz / High CH / QPSK / 1#49-1#0



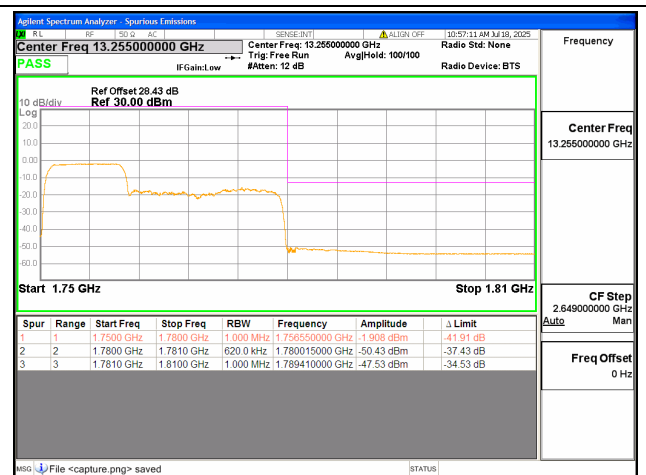
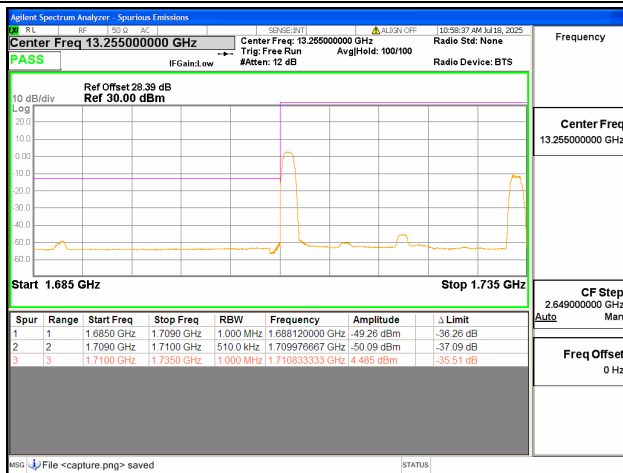
66C / 10+15MHz / High CH / QPSK / 50#0-75#0



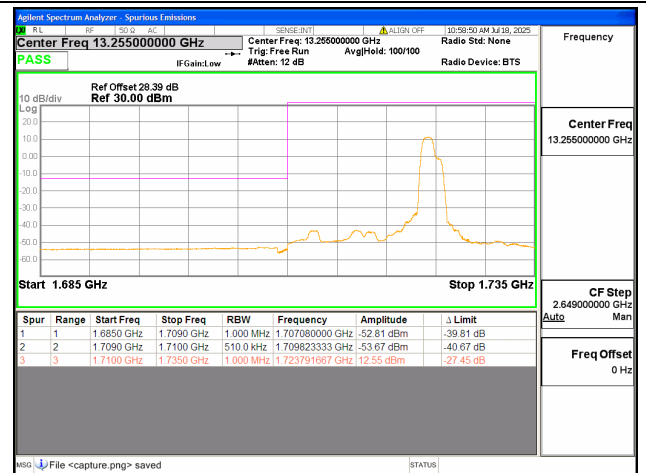
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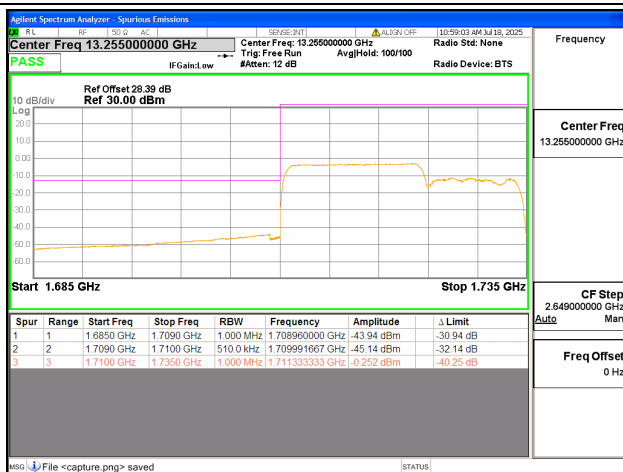
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66C / 10+20MHz / High CH / QPSK /
50#0-100#0

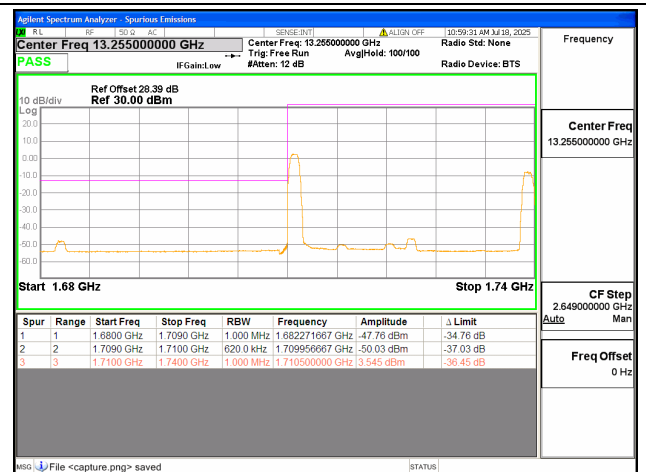
66C / 15+10MHz / Low CH / QPSK / 1#0-1#49



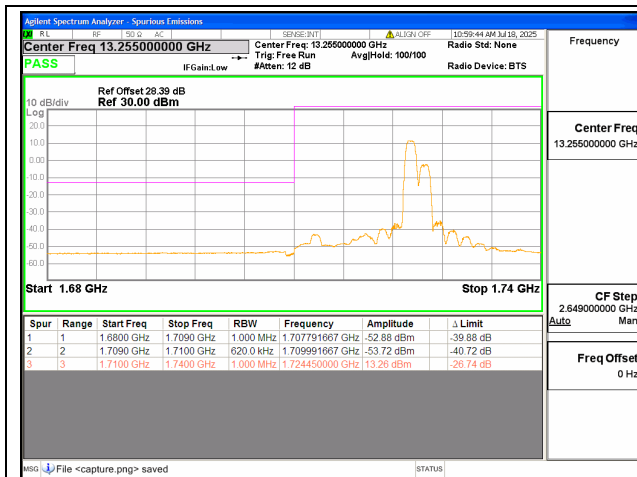
66C / 15+10MHz / Low CH / QPSK / 1#74-1#0



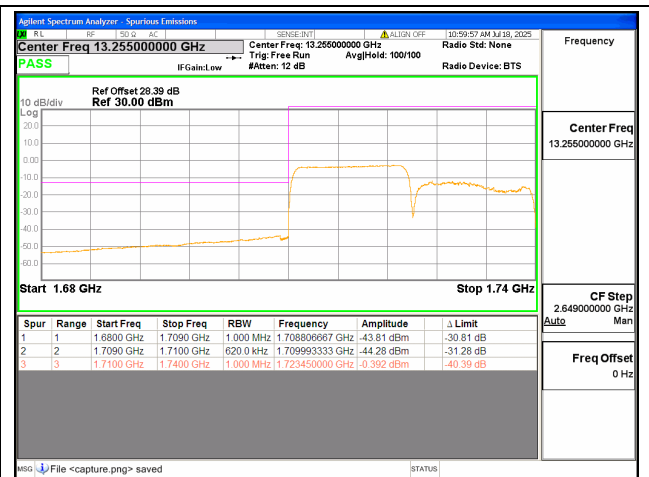
66C / 15+10MHz / Low CH / QPSK / 75#0-50#0



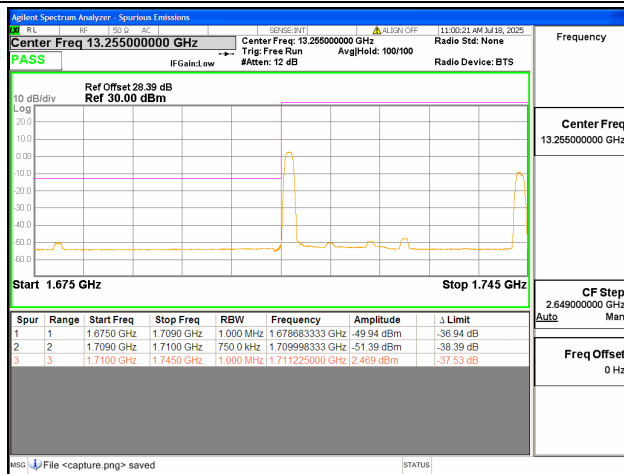
66C / 15+15MHz / Low CH / QPSK / 1#0-1#74



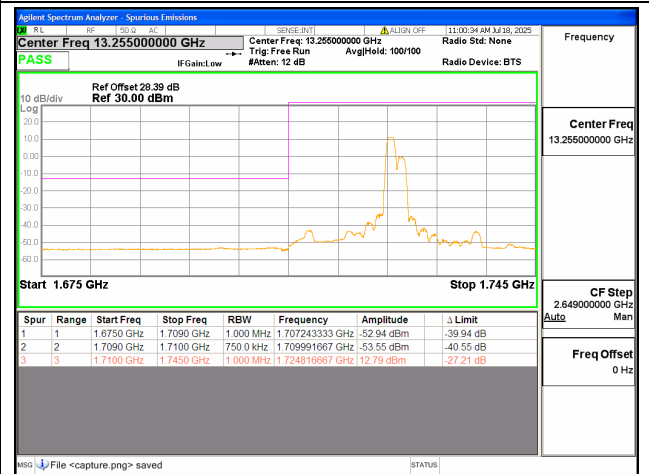
66C / 15+15MHz / Low CH / QPSK / 1#74-1#0



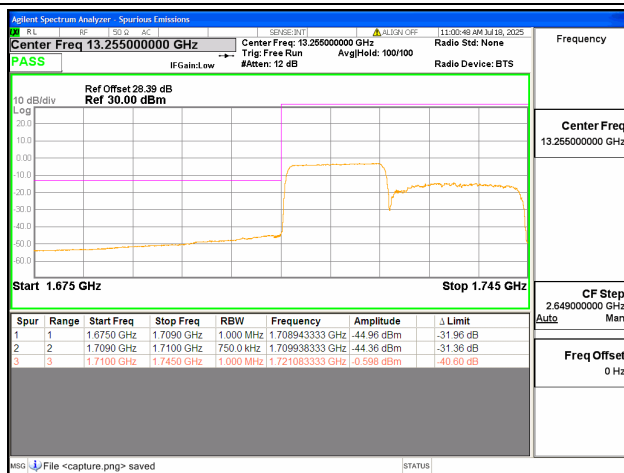
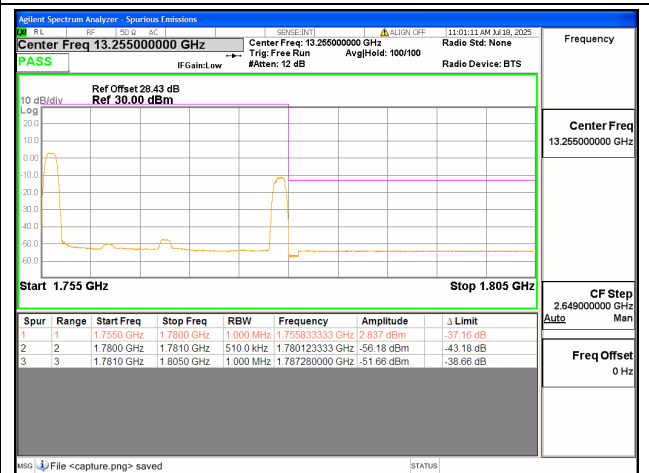
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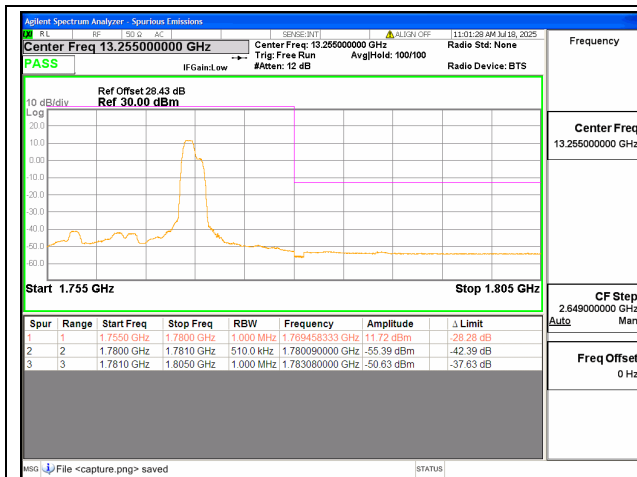
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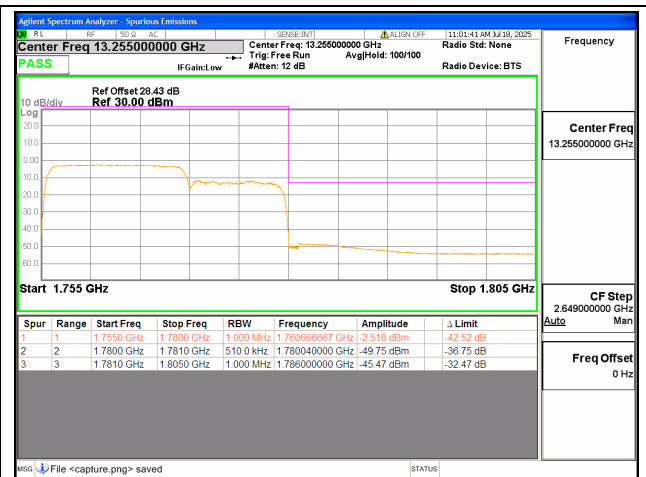
66C / 15+20MHz / Low CH / QPSK / 1#74-1#0

66C / 15+20MHz / Low CH / QPSK /
75#0-100#0

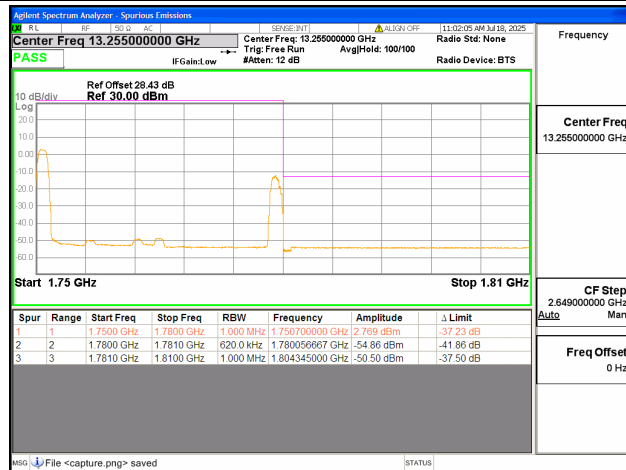
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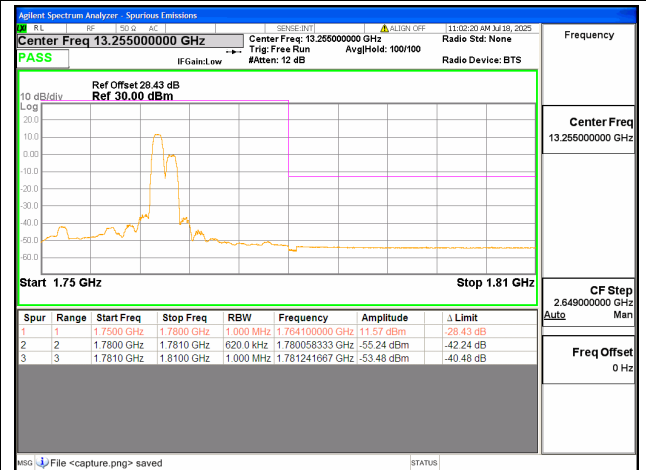
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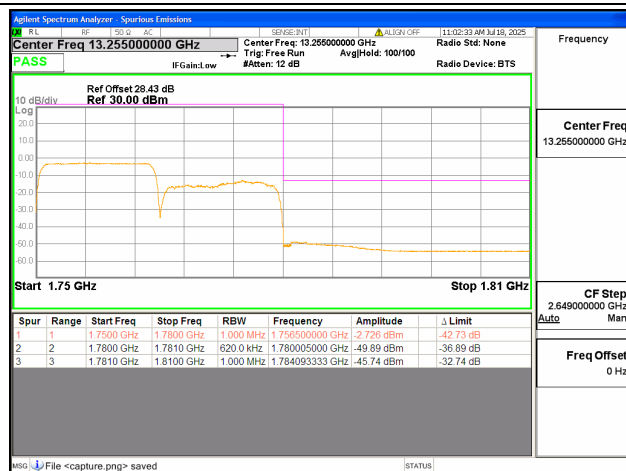
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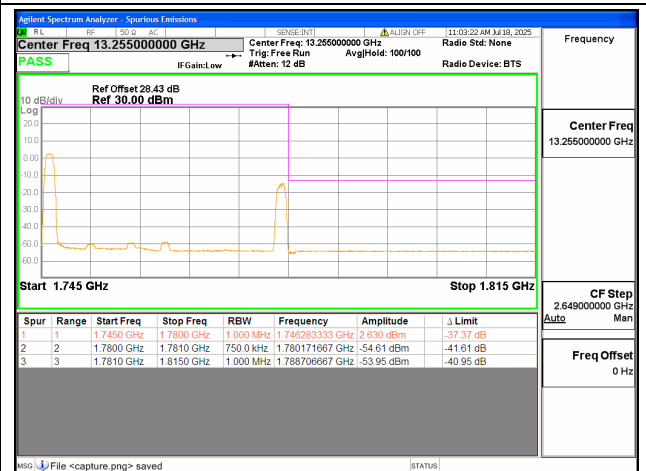
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66C / 15+15MHz / High CH / QPSK / 1#74-1#0

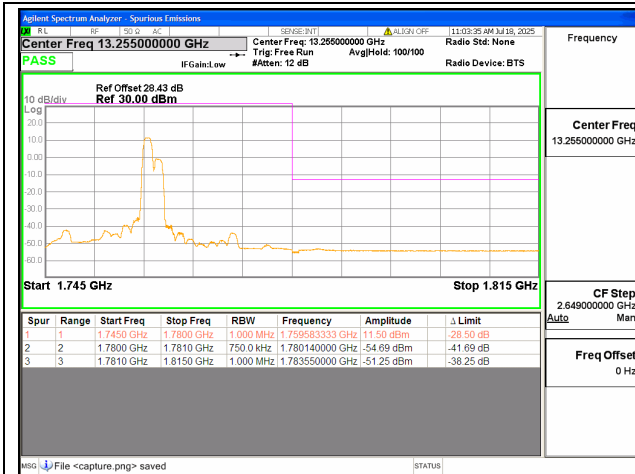


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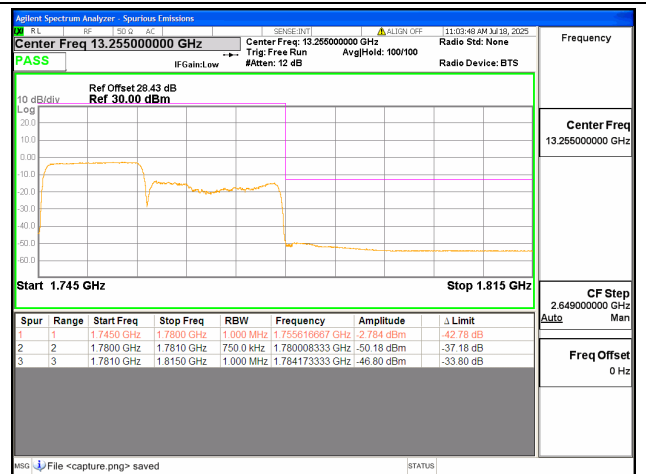
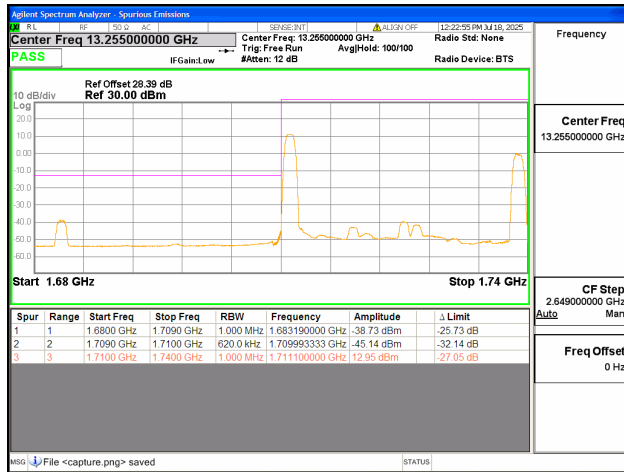


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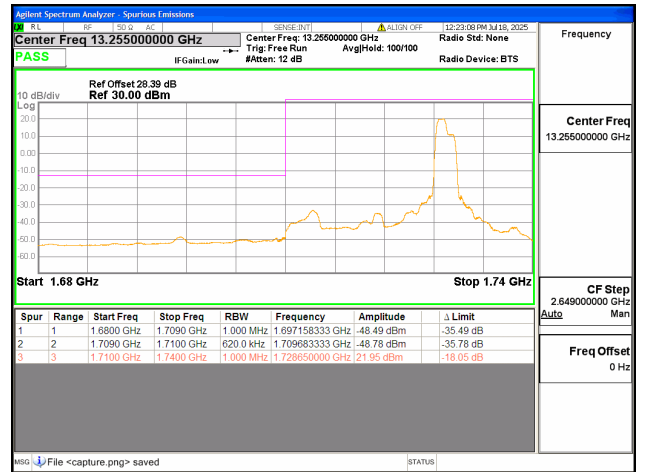




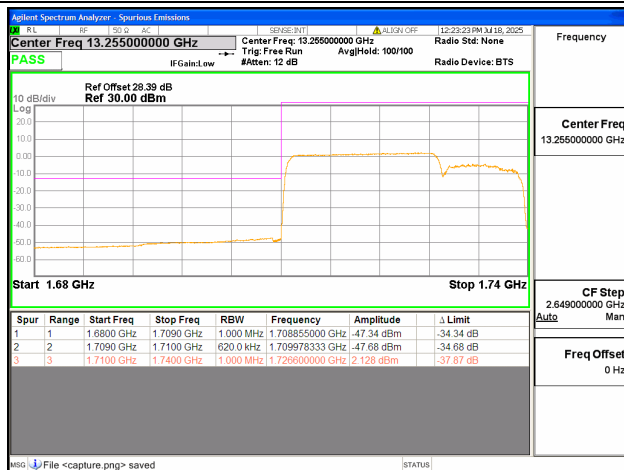
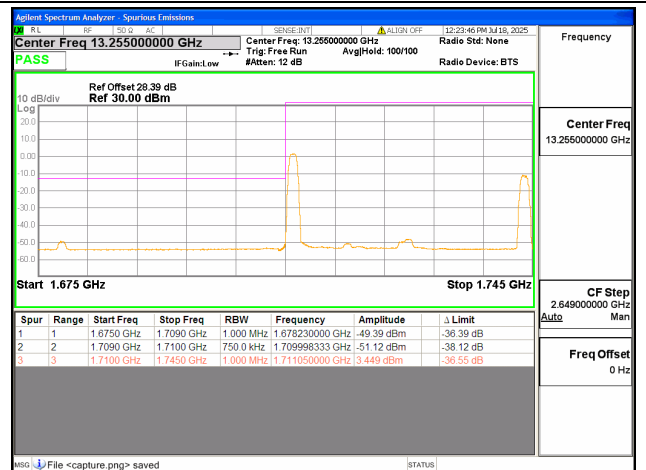
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66C / 15+20MHz / High CH / QPSK /
75#0-100#0

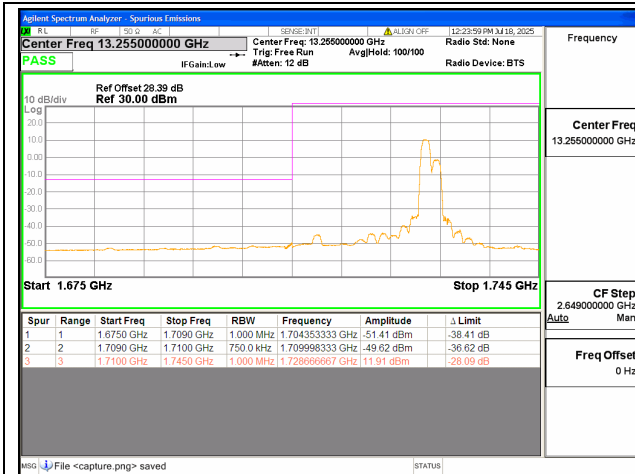
66C / 20+10MHz / Low CH / QPSK / 1#0-1#49



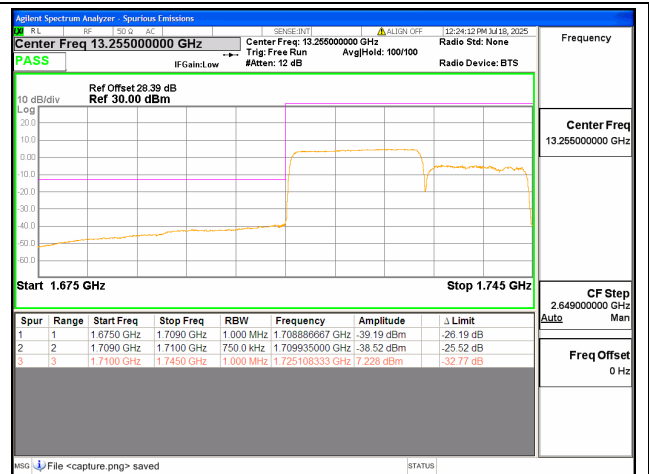
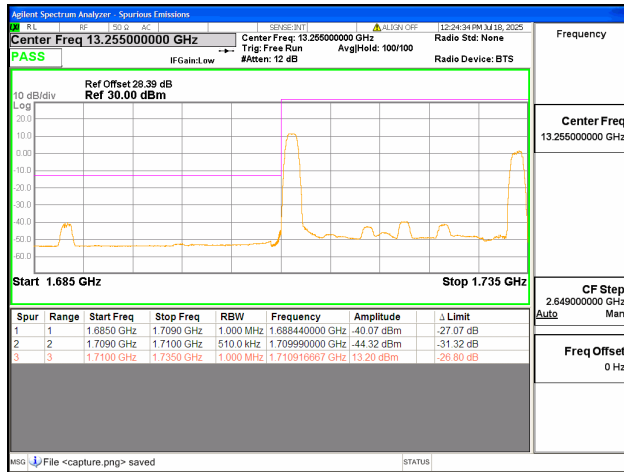
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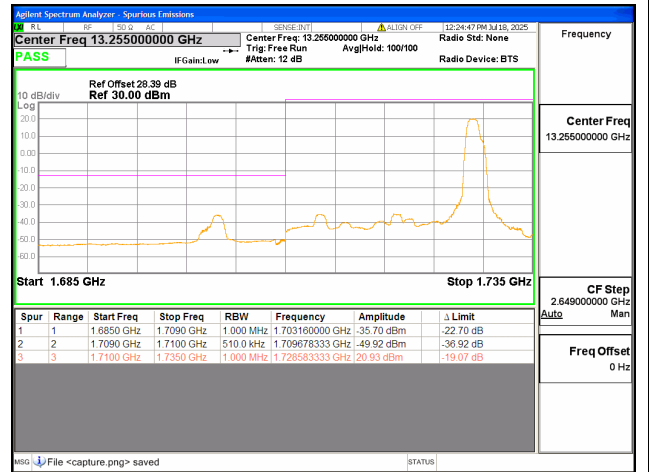
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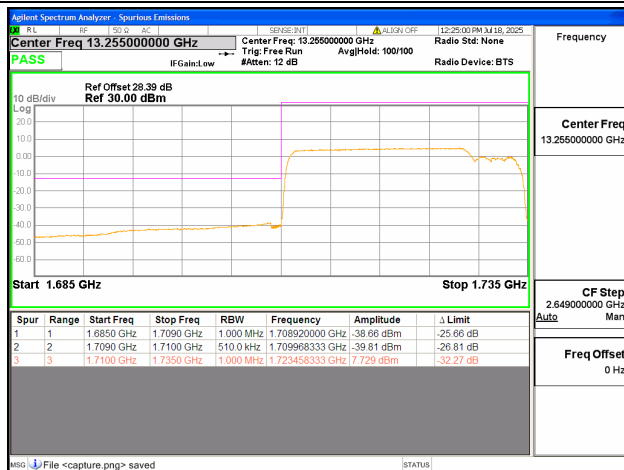
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66C / 20+15MHz / Low CH / QPSK /
100#0-75#0

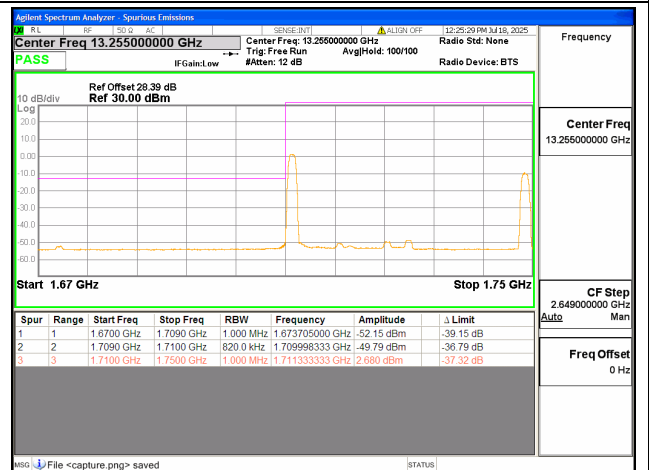
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66C / 20+5MHz / Low CH / QPSK / 1#99-1#0



66C / 20+5MHz / Low CH / QPSK / 100#0-25#0



66C / 20+20MHz / Low CH / QPSK / 1#0-1#99

