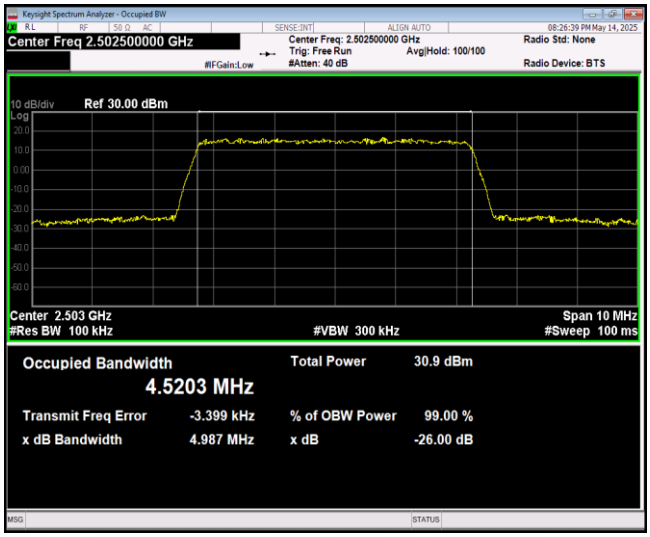

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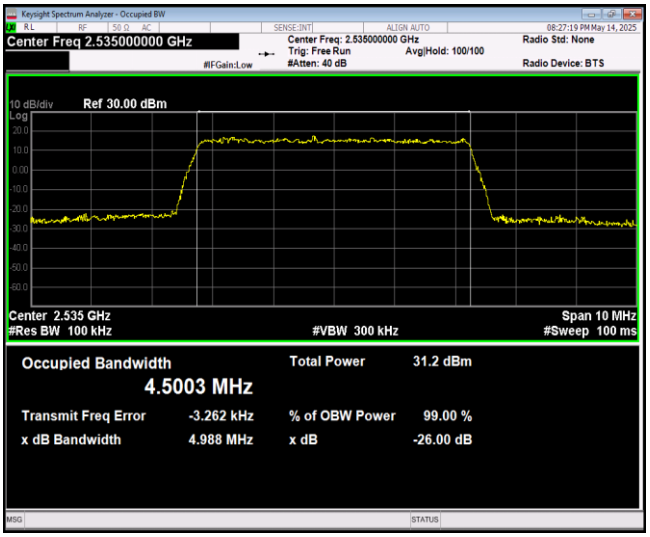
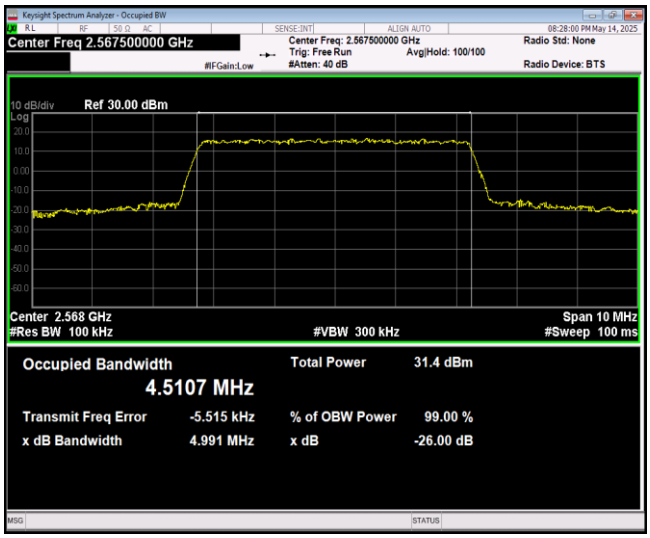


Band7-5MHz-16QAM-20775-25RB#0



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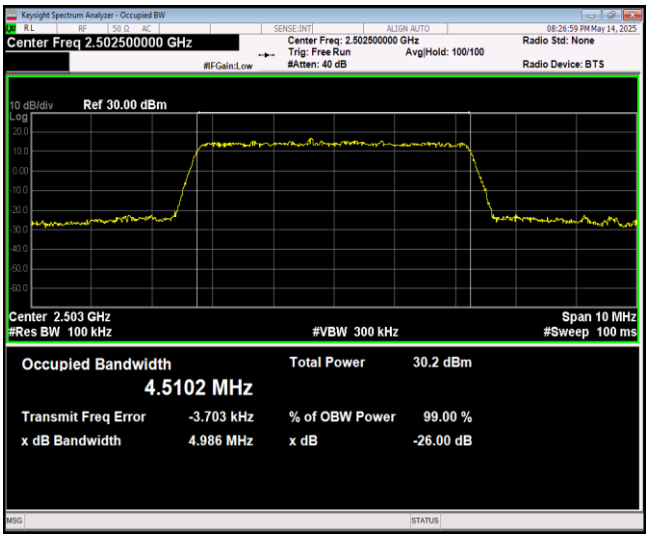

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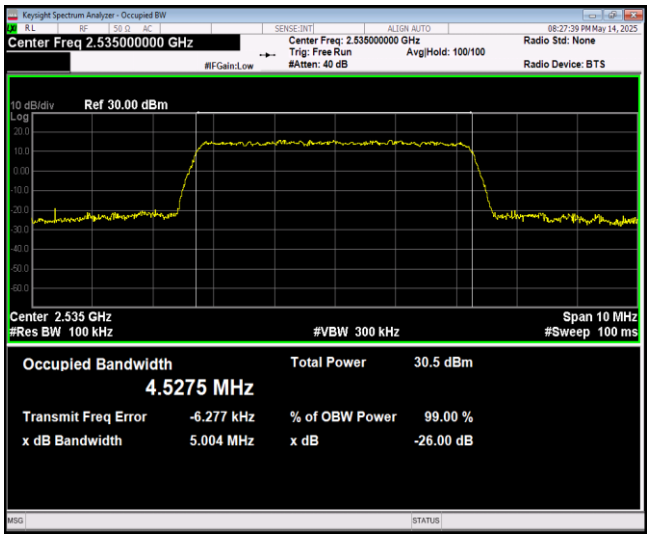

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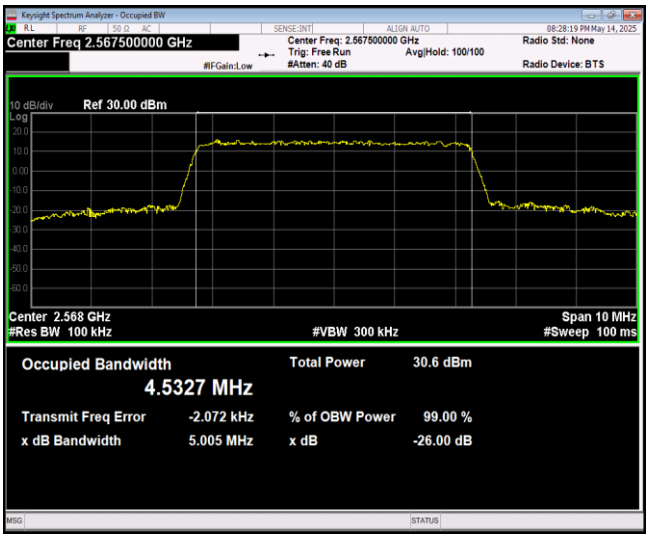

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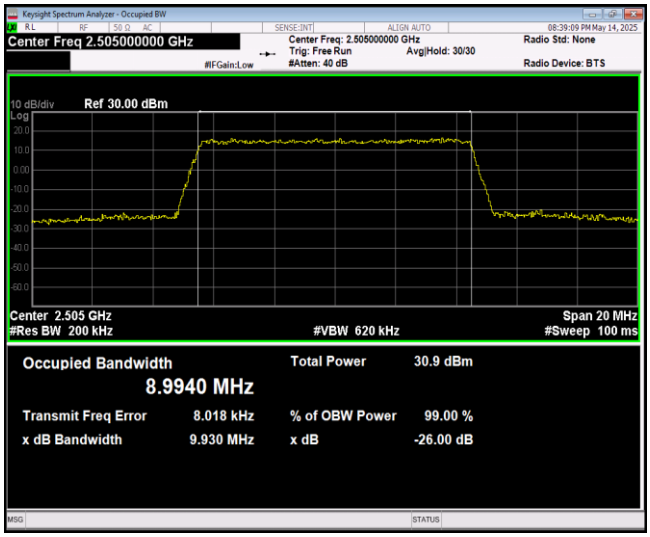

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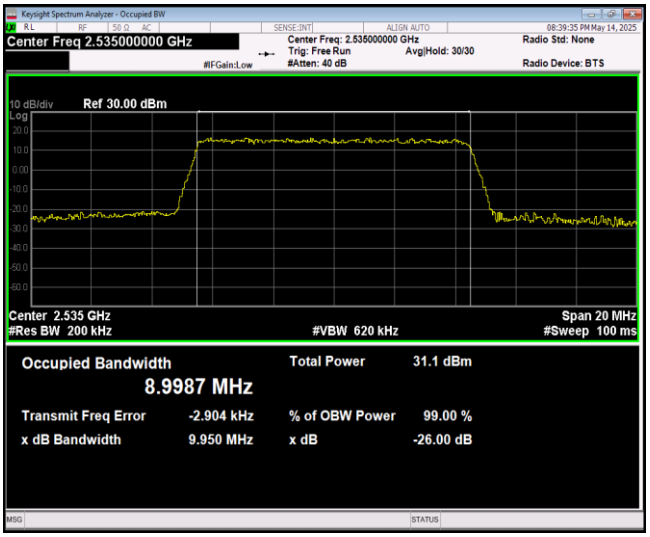

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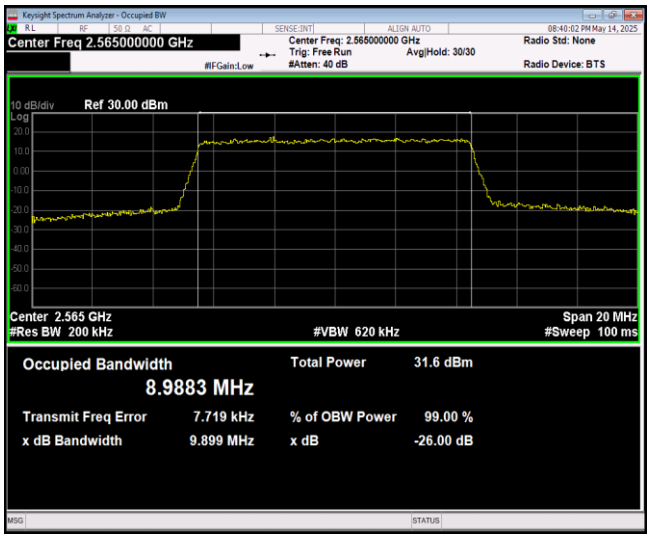

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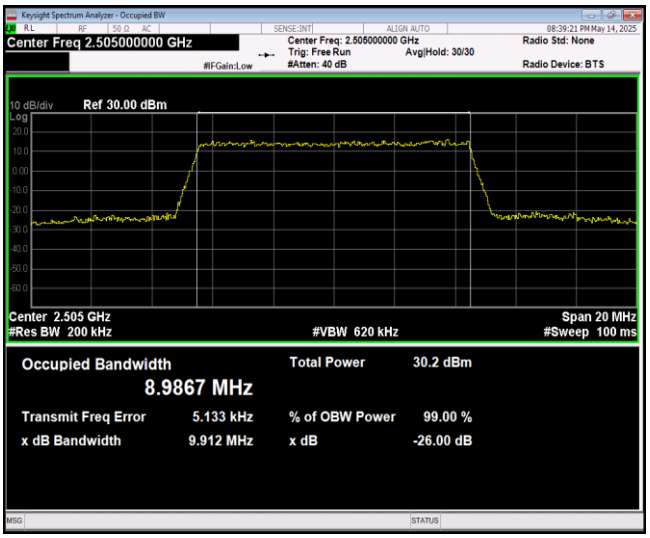

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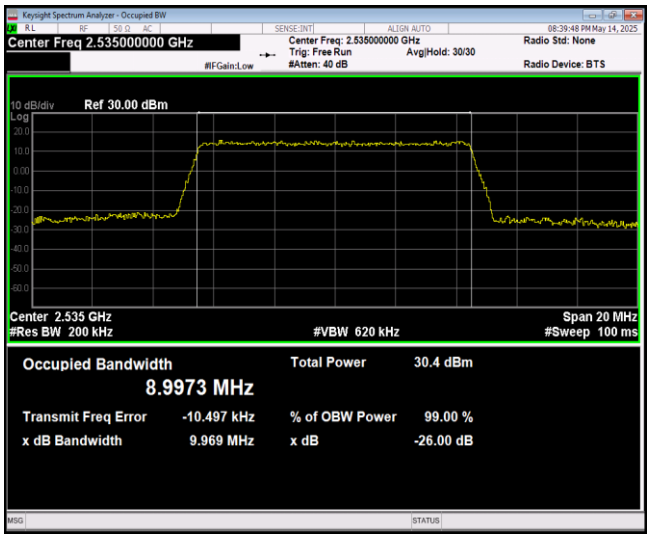

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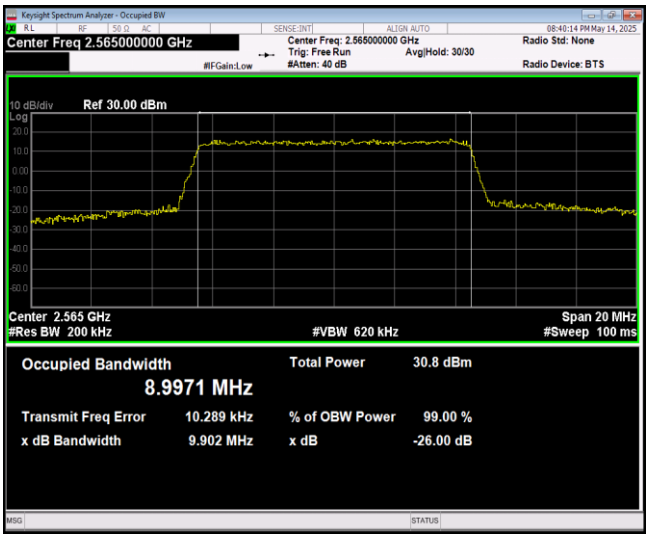

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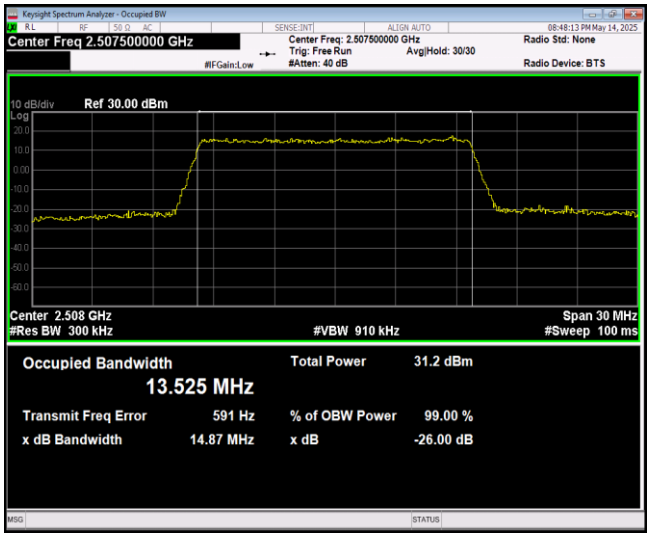

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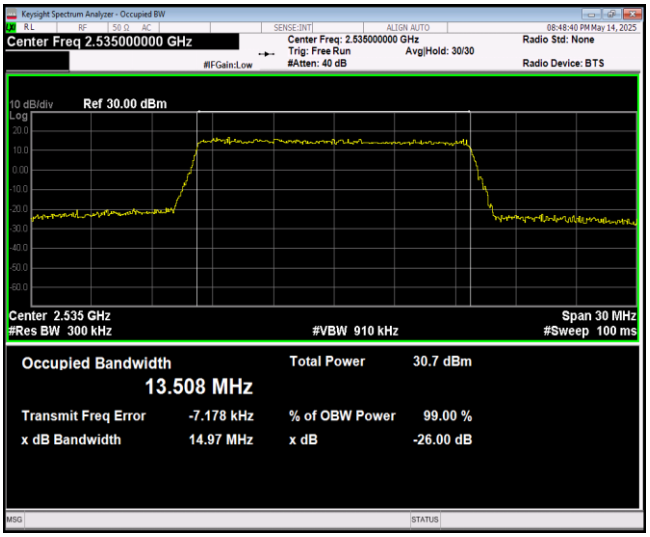

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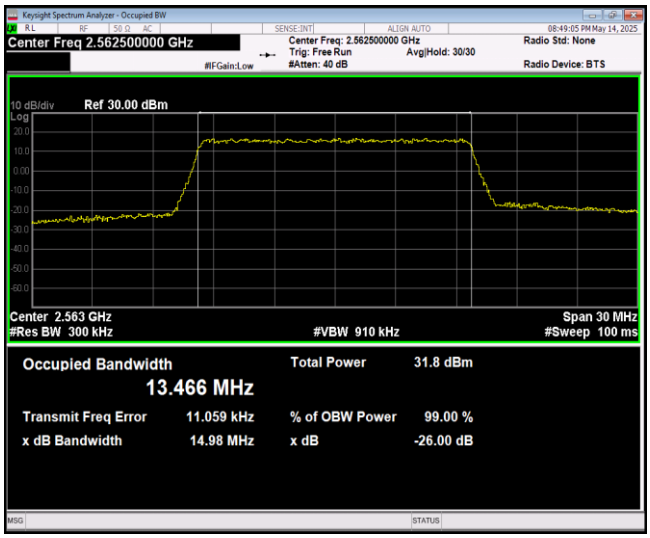

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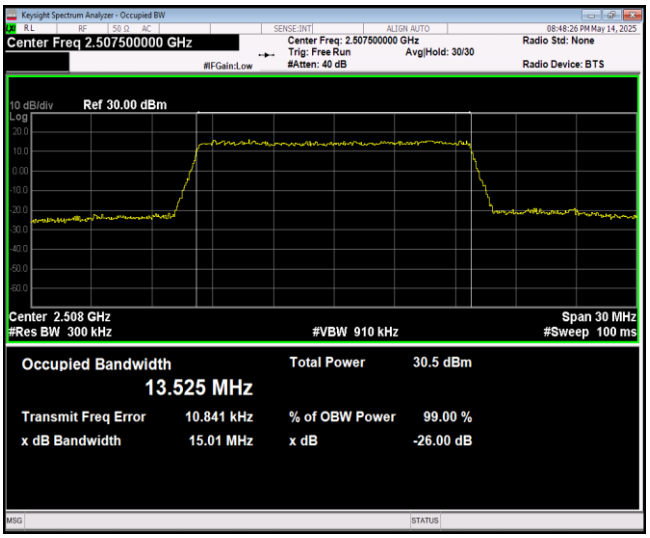

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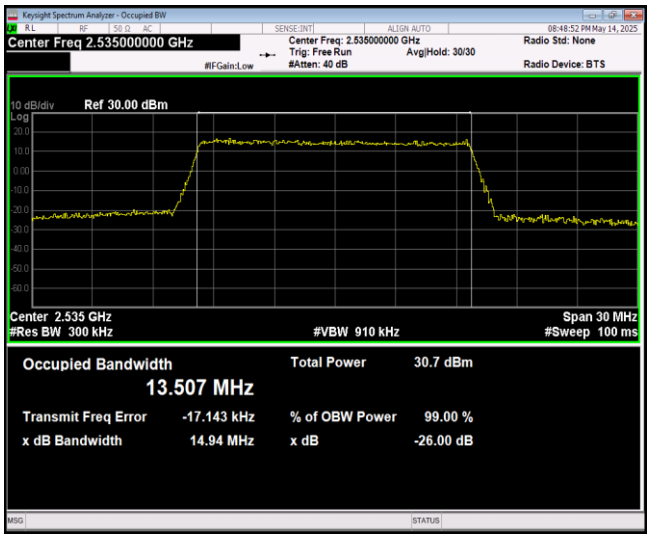

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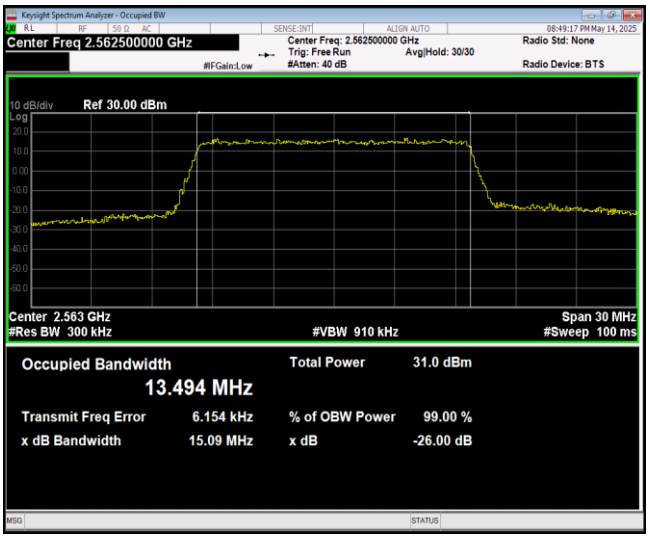

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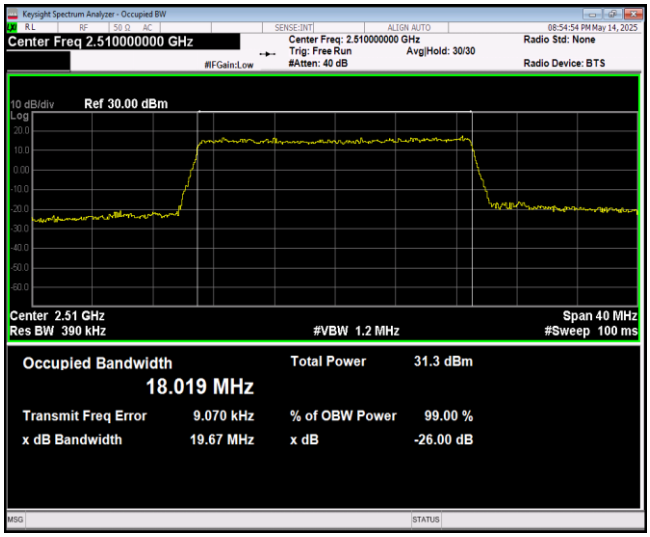

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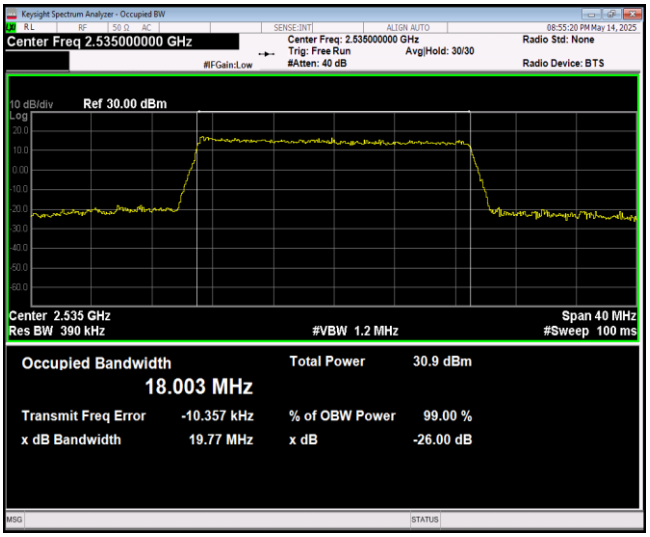

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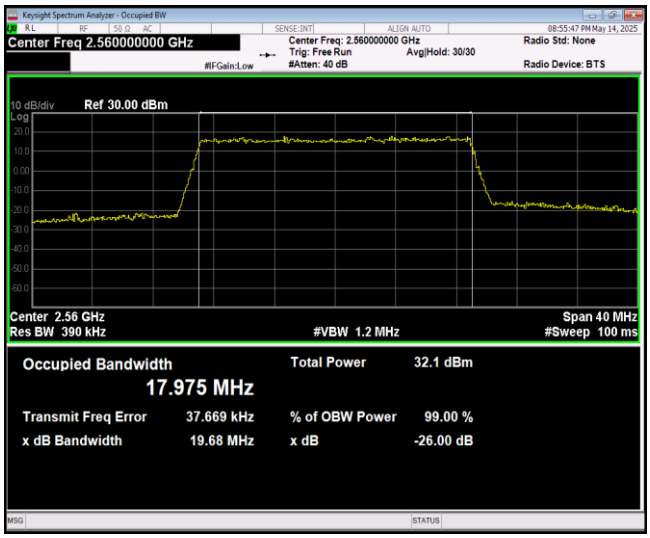

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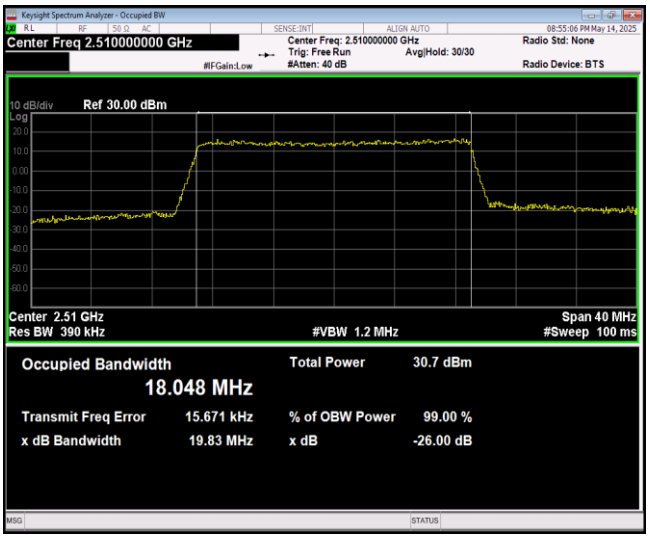

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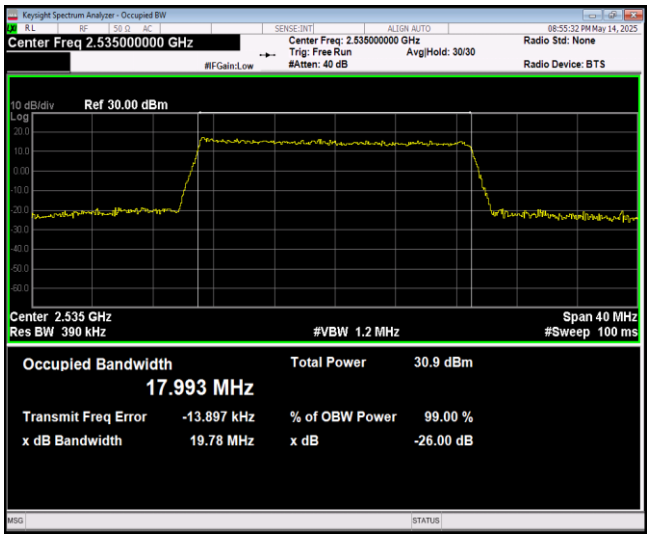

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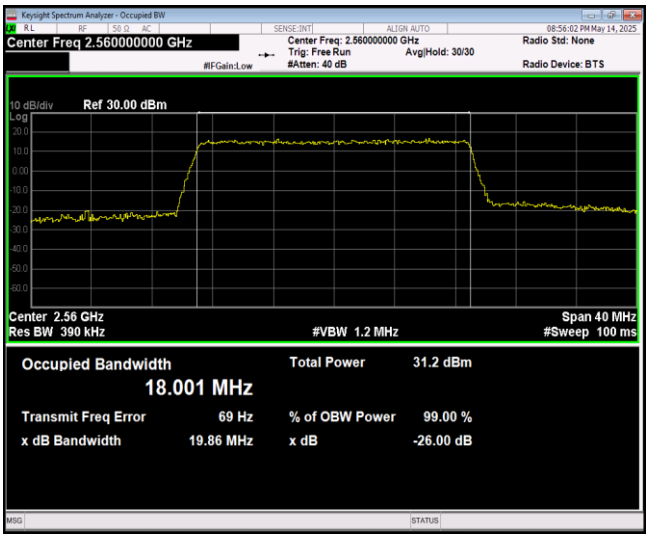
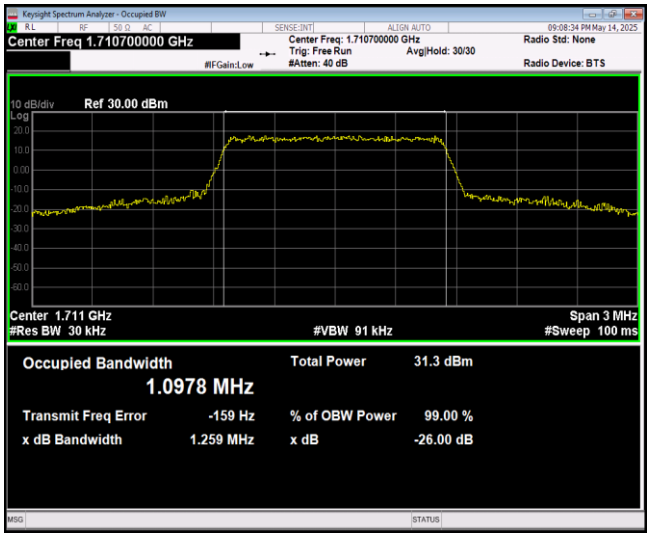


Band66-1.4MHz-QPSK-132322-6RB#0



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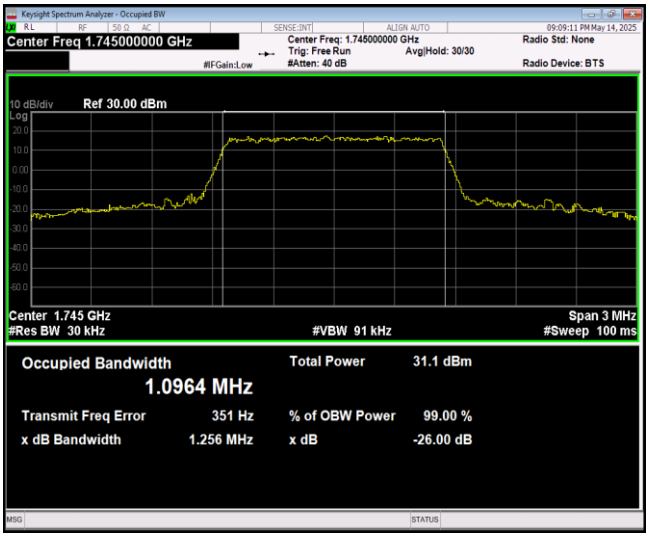

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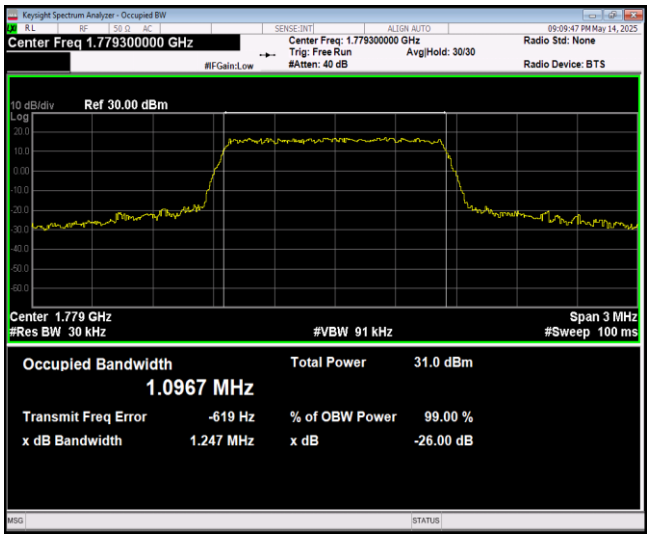

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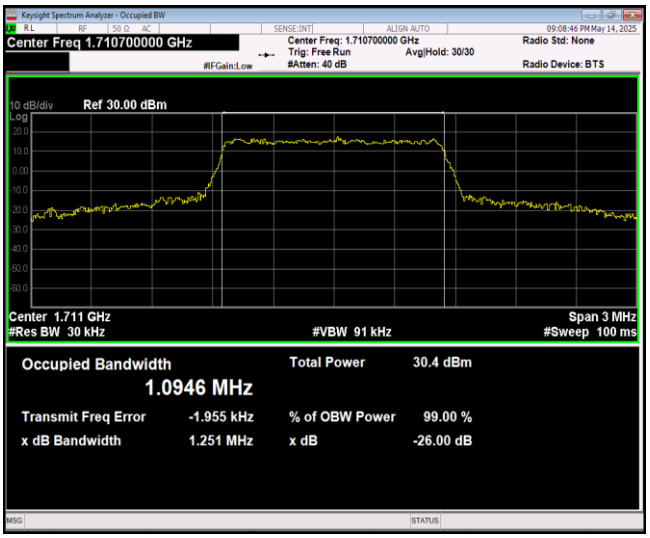

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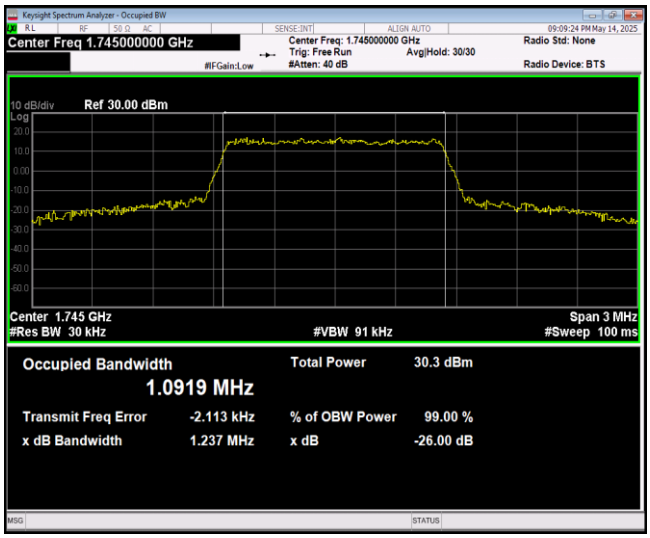

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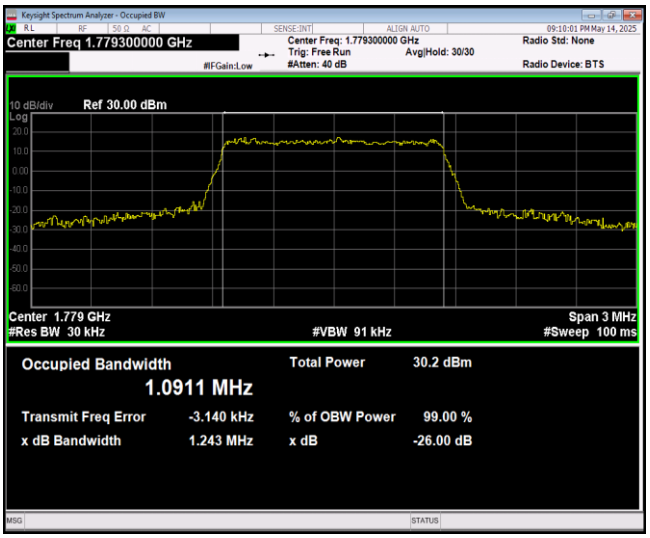

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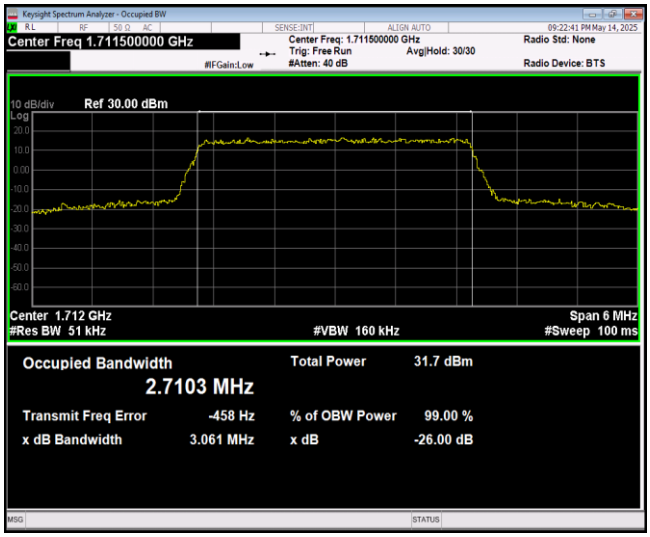

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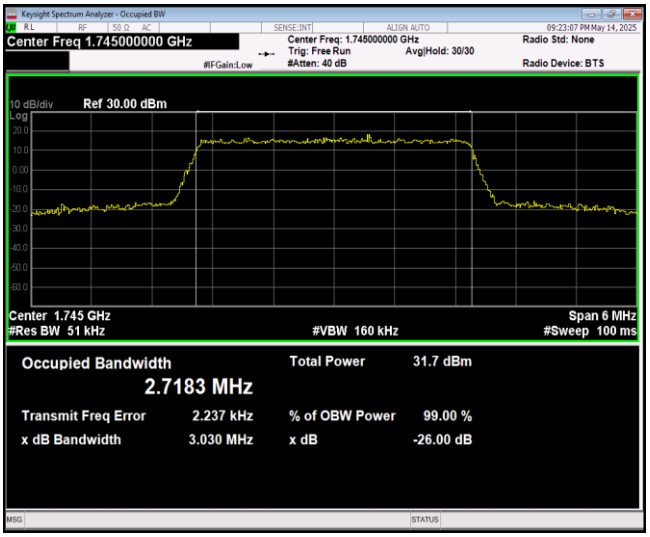

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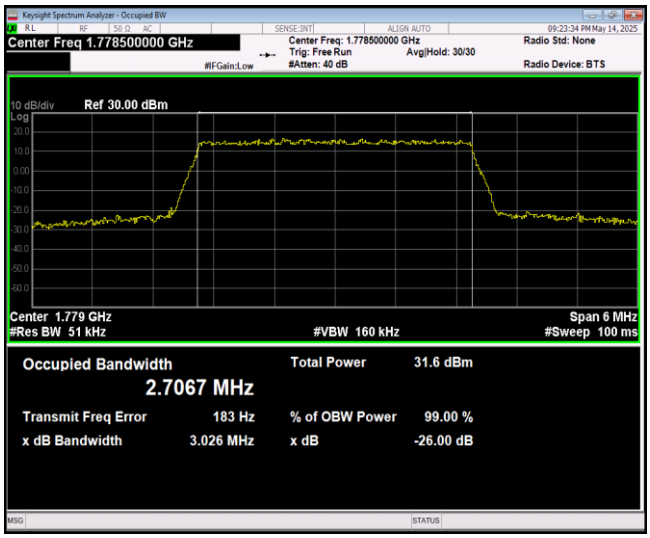

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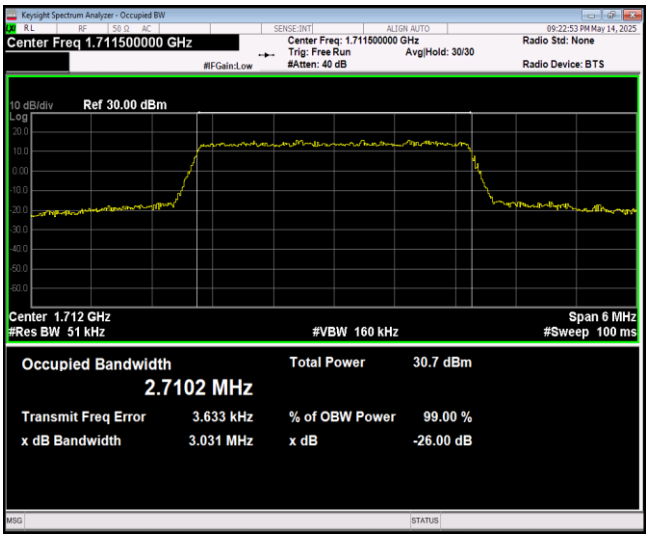

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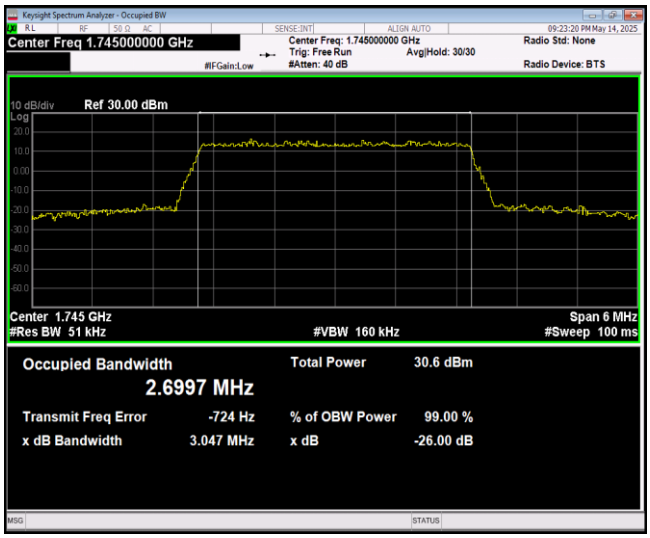

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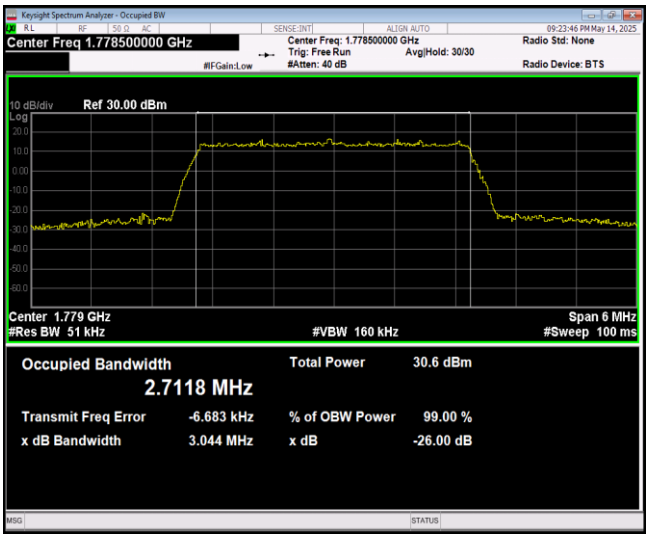

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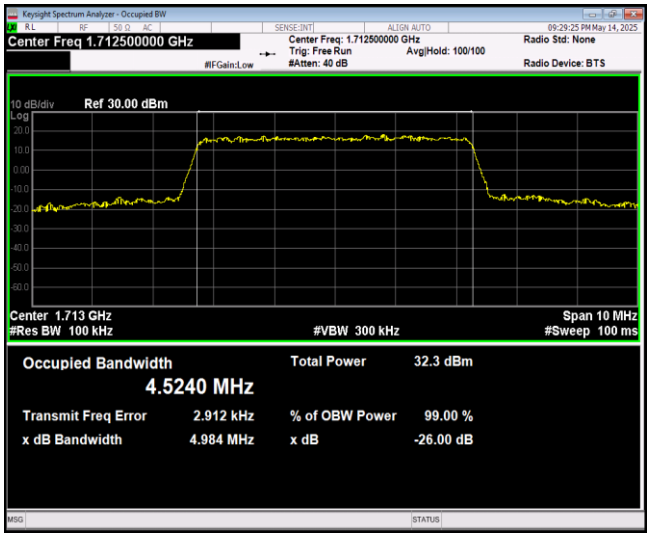

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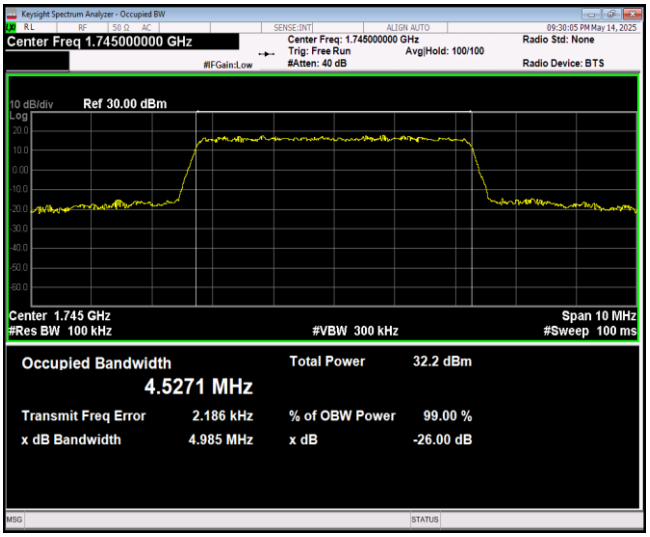

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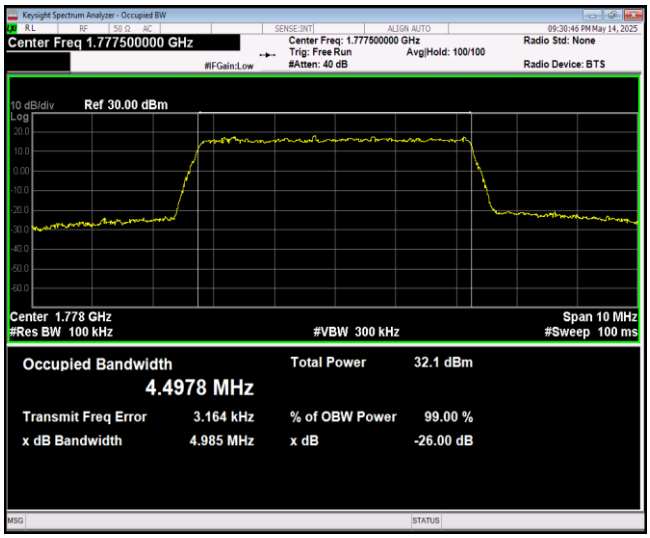

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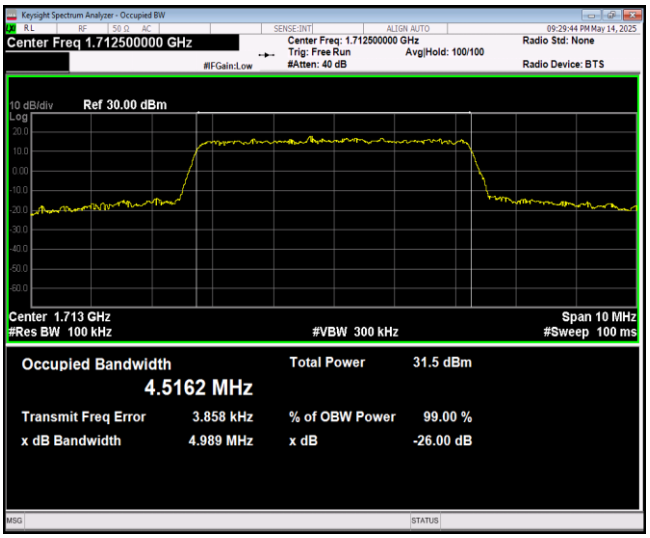

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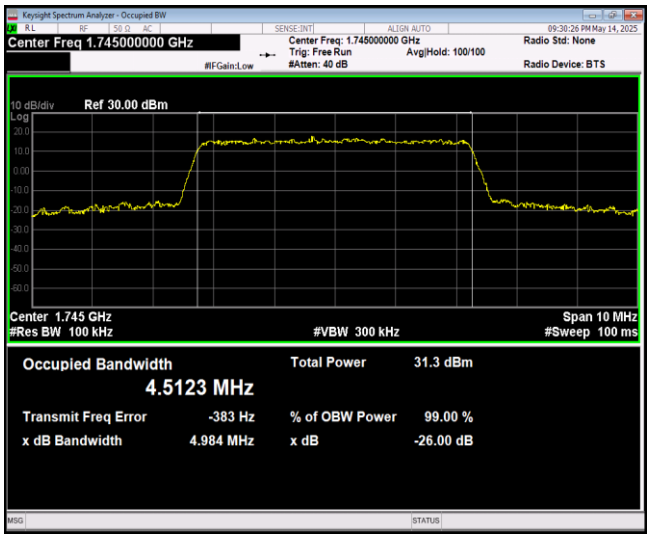

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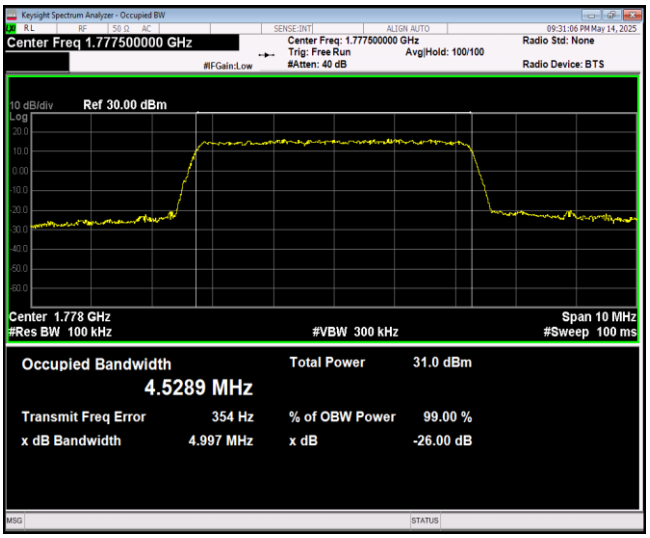

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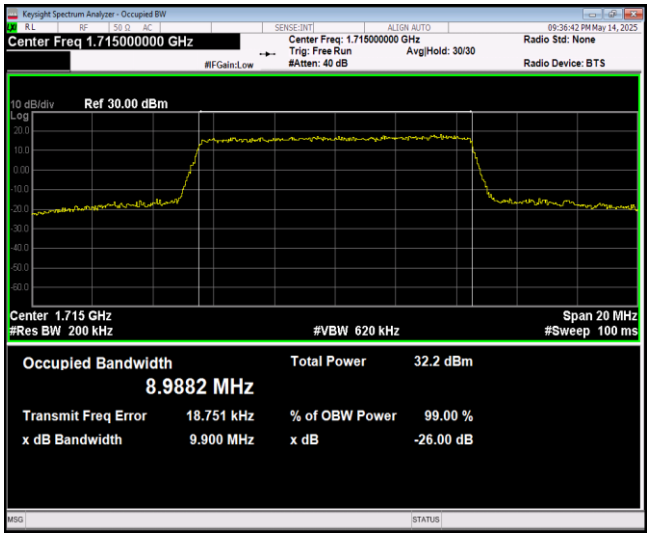

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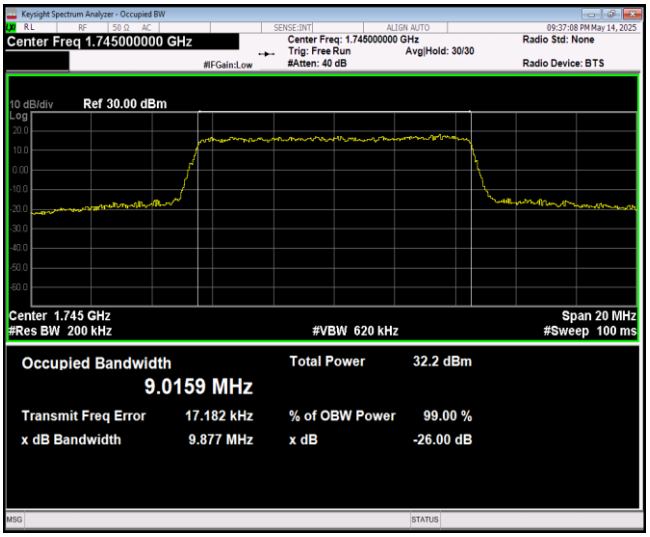

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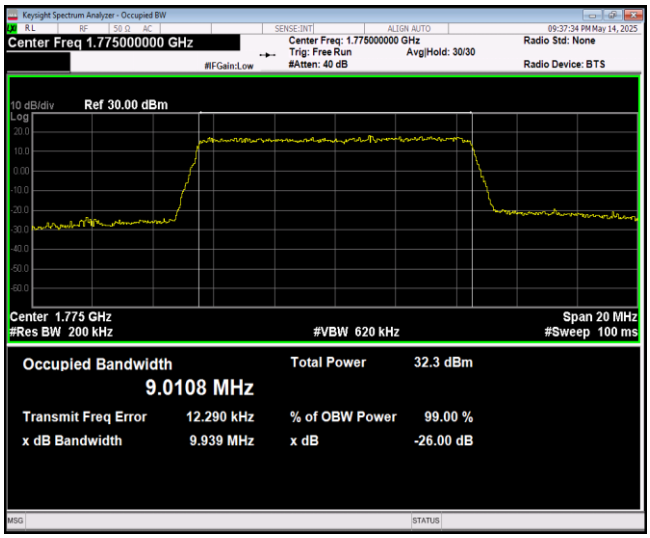

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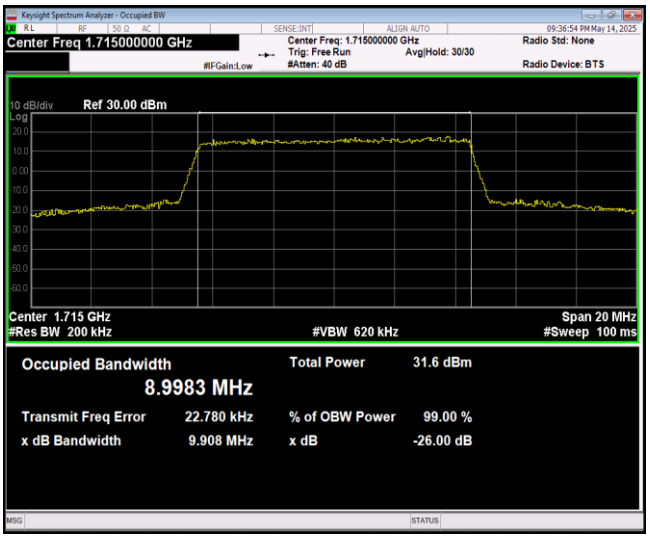

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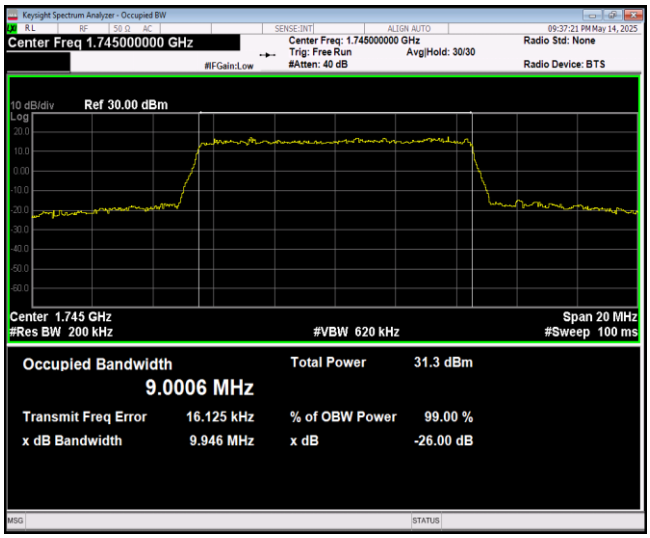

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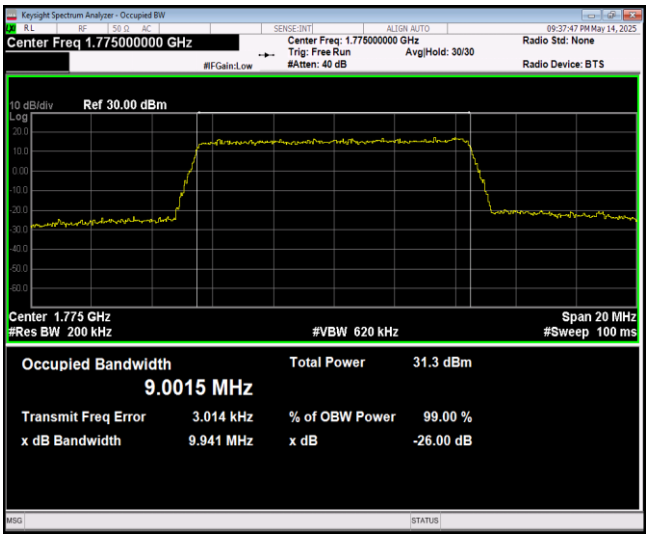

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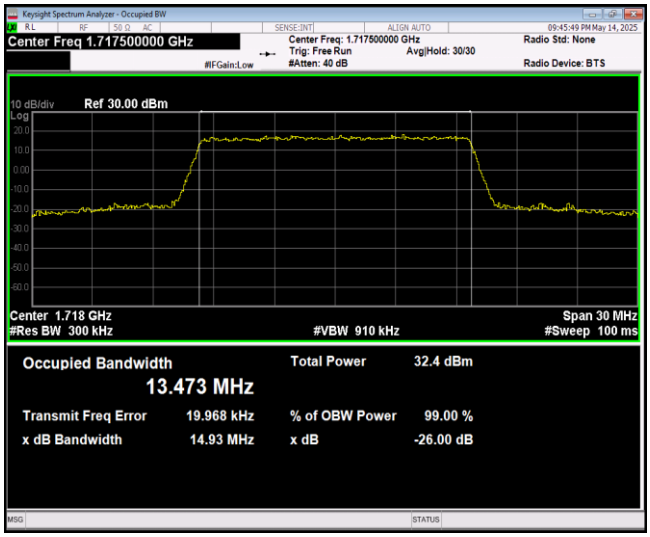

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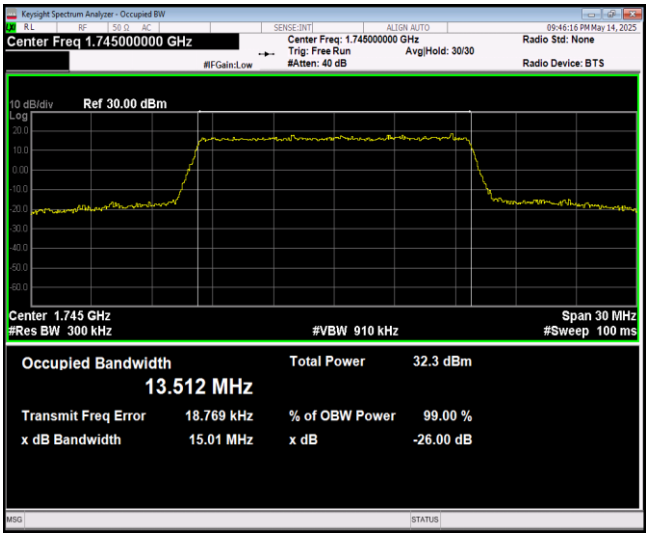

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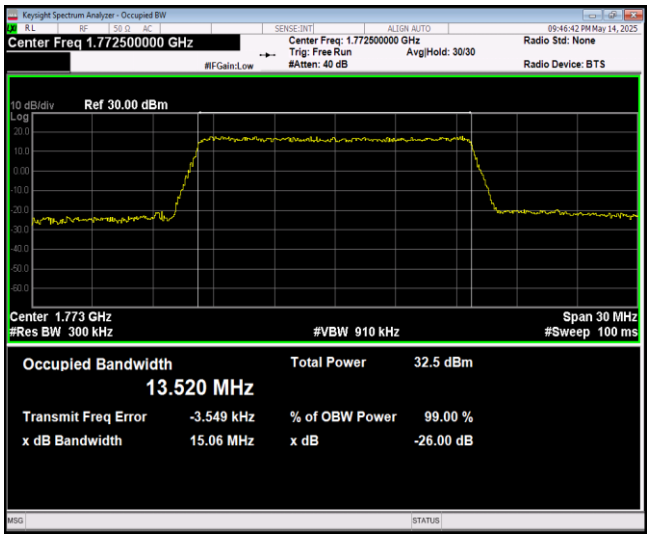
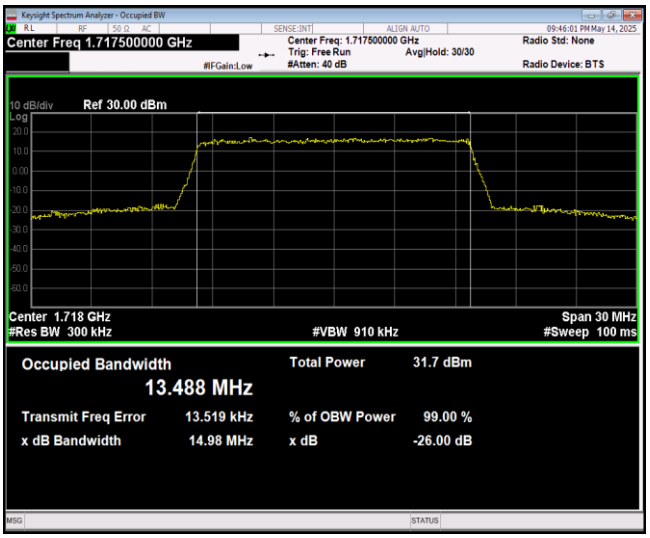
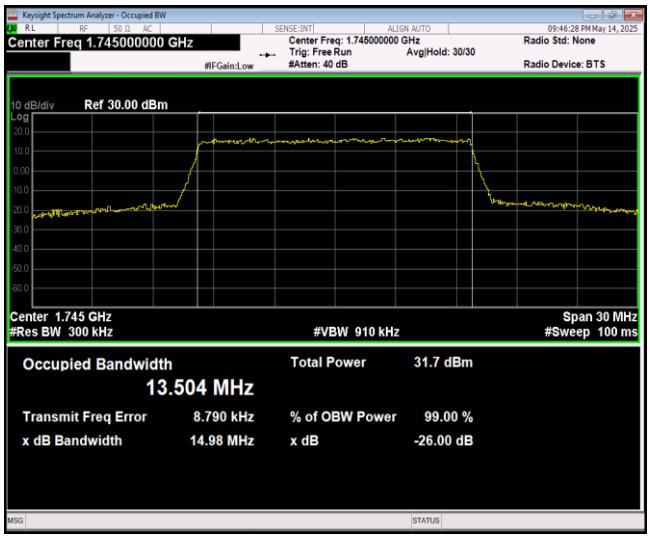


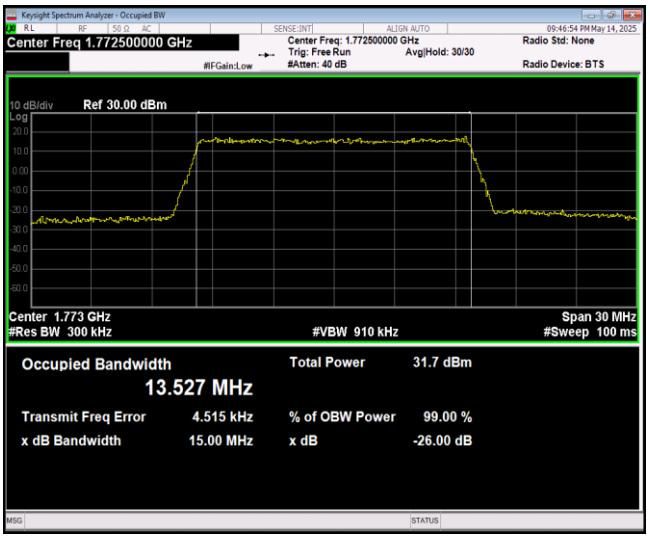
Band66-15MHz-16QAM-132322-75RB#0



Band66-15MHz-16QAM-132597-75RB#0



Band66-20MHz-QPSK-132072-100RB#0



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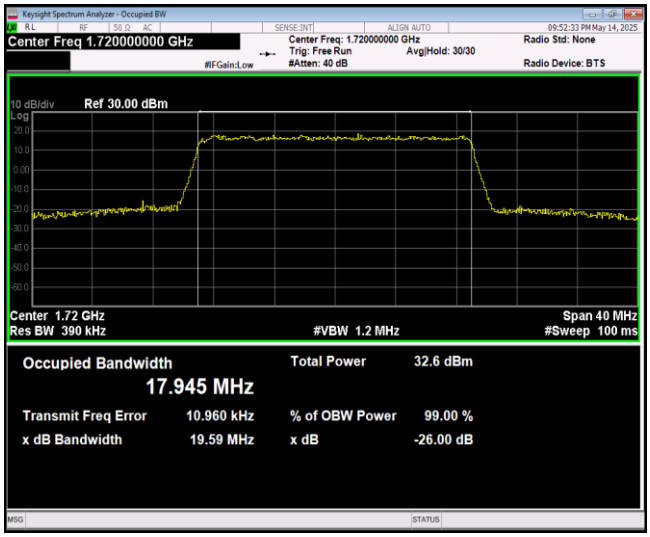

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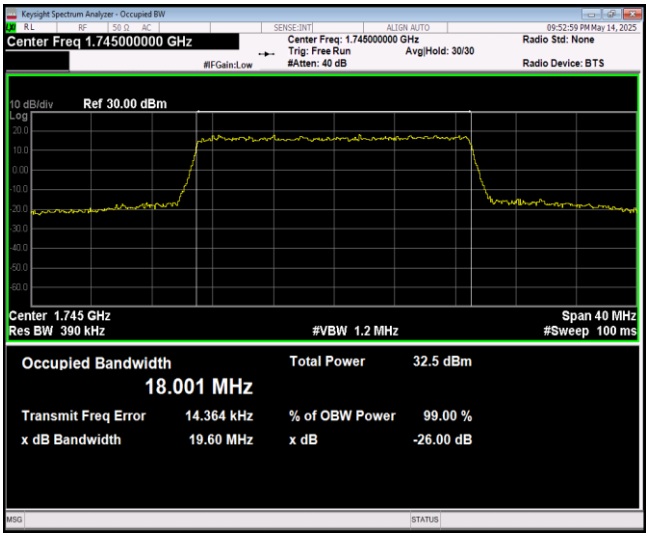
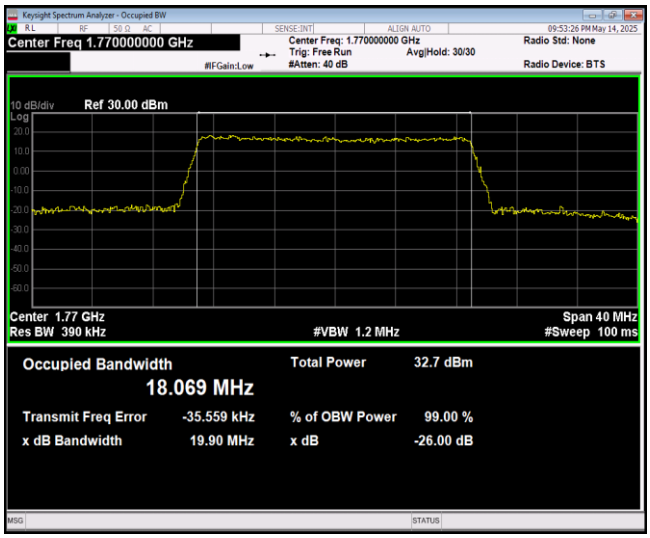


Band66-20MHz-16QAM-132072-100RB#0



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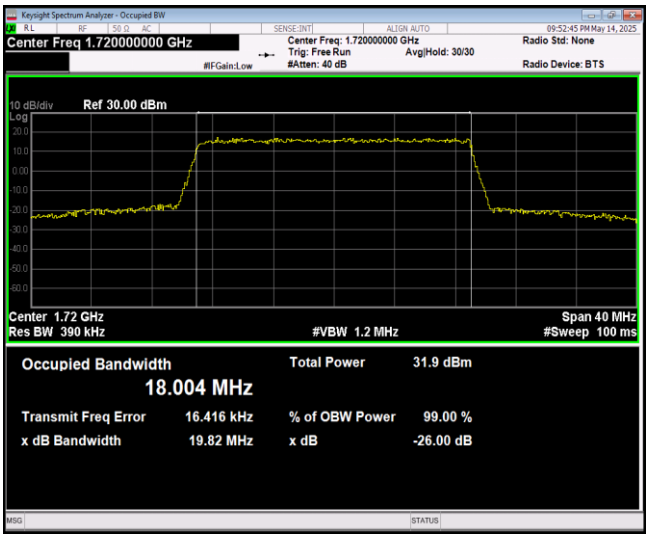

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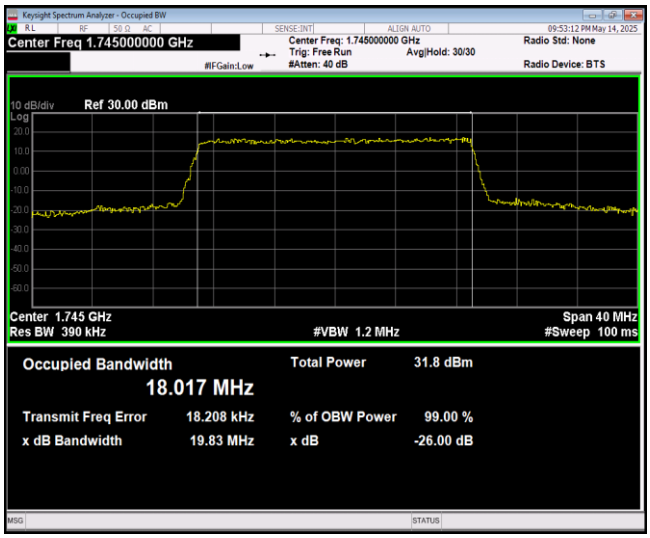
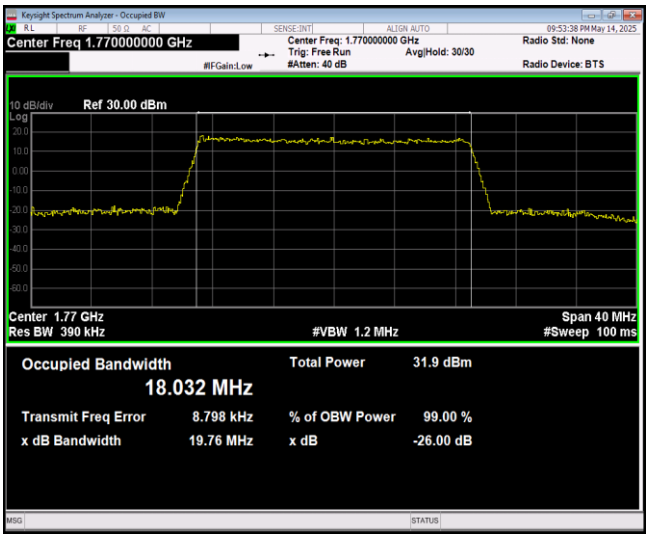




Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-27.91,-24.44	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-30.89,-38.92	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-28.39,-30.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-37.93,-30.20	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-22.96,-30.43	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-30.58,-27.24	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-28.18,-28.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-31.56,-38.23	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.01,-30.95	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-38.69,-30.74	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-26.14,-29.87	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-30.60,-28.10	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.06,-38.13	PASS
Band2	20MHz	QPSK	18700	1RB#99	-46.50,-57.66	PASS
Band2	20MHz	QPSK	18700	100RB#0	-31.75,-35.52	PASS
Band2	20MHz	QPSK	19100	1RB#0	-59.71,-50.69	PASS
Band2	20MHz	QPSK	19100	1RB#99	-35.72,-42.74	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.87,-29.94	PASS
Band2	20MHz	16QAM	18700	1RB#0	-44.31,-36.77	PASS
Band2	20MHz	16QAM	18700	1RB#99	-47.32,-60.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	-32.69,-36.22	PASS
Band2	20MHz	16QAM	19100	1RB#0	-59.29,-50.81	PASS
Band2	20MHz	16QAM	19100	1RB#99	-36.36,-43.64	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.23,-31.62	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-48.78,-30.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-55.83,-44.70	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-39.43,-35.63	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-45.39,-55.95	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-31.11,-49.50	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-34.58,-40.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-48.15,-30.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-55.66,-44.59	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-40.37,-37.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-45.92,-55.85	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-31.02,-49.85	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-34.24,-39.85	PASS

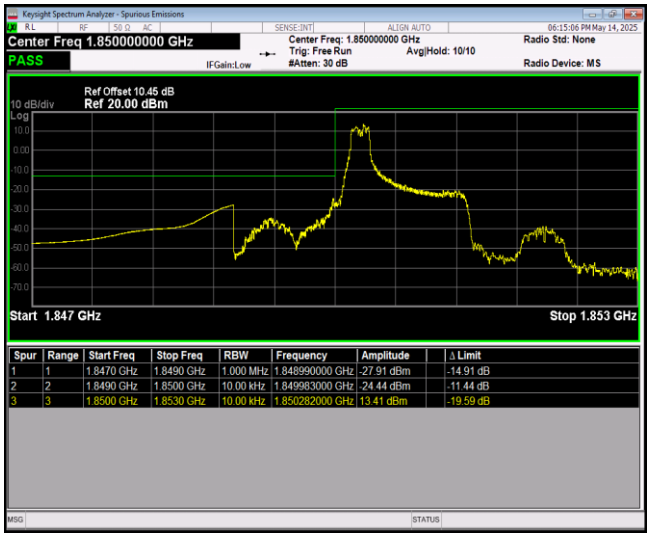
Band5	10MHz	QPSK	20450	1RB#0	-51.59,-33.06	PASS
Band5	10MHz	QPSK	20450	1RB#49	-37.02,-50.46	PASS
Band5	10MHz	QPSK	20450	50RB#0	-41.86,-36.14	PASS
Band5	10MHz	QPSK	20600	1RB#0	-53.18,-62.13	PASS
Band5	10MHz	QPSK	20600	1RB#49	-31.82,-56.99	PASS
Band5	10MHz	QPSK	20600	50RB#0	-36.89,-43.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	-52.92,-37.54	PASS
Band5	10MHz	16QAM	20450	1RB#49	-38.67,-50.17	PASS
Band5	10MHz	16QAM	20450	50RB#0	-43.54,-37.68	PASS
Band5	10MHz	16QAM	20600	1RB#0	-54.68,-62.29	PASS
Band5	10MHz	16QAM	20600	1RB#49	-32.90,-57.50	PASS
Band5	10MHz	16QAM	20600	50RB#0	-37.05,-44.13	PASS
Band7	5MHz	QPSK	20775	1RB#0	-48.24,-44.06,-37.75,-26.53	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.08,-38.91,-38.89,-44.35	PASS
Band7	5MHz	QPSK	20775	25RB#0	-39.99,-31.08,-28.47,-32.85	PASS
Band7	5MHz	QPSK	21425	1RB#0	-45.42,-38.81,-48.61,-48.92	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.47,-36.78,-47.37,-46.90	PASS
Band7	5MHz	QPSK	21425	25RB#0	-25.55,-21.16,-35.67,-37.53	PASS
Band7	5MHz	16QAM	20775	1RB#0	-48.51,-44.71,-39.06,-28.53	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.28,-40.26,-40.83,-47.04	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.74,-34.27,-27.40,-33.05	PASS
Band7	5MHz	16QAM	21425	1RB#0	-47.50,-39.70,-48.65,-48.89	PASS
Band7	5MHz	16QAM	21425	1RB#24	-27.58,-37.71,-47.53,-47.34	PASS
Band7	5MHz	16QAM	21425	25RB#0	-28.71,-26.11,-35.74,-38.16	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.86,-42.28,-38.96	PASS
Band7	20MHz	QPSK	20850	1RB#99	-40.21,-47.39,-57.92	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.53,-32.95,-31.85,-35.23	PASS
Band7	20MHz	QPSK	21350	1RB#0	-56.98,-46.48,-39.21,-50.10	PASS
Band7	20MHz	QPSK	21350	1RB#99	-37.30,-41.35,-38.18,-50.17	PASS
Band7	20MHz	QPSK	21350	100RB#0	-28.84,-25.30,-26.69,-44.23	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.48,-42.87,-40.26	PASS
Band7	20MHz	16QAM	20850	1RB#99	-40.83,-47.58,-58.30	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.17,-32.78,-31.65,-34.81	PASS
Band7	20MHz	16QAM	21350	1RB#0	-58.22,-46.71,-39.73,-50.14	PASS
Band7	20MHz	16QAM	21350	1RB#99	-37.77,-41.73,-38.66,-50.17	PASS
Band7	20MHz	16QAM	21350	100RB#0	-31.39,-28.04,-29.21,-42.91	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-30.63,-23.82	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-34.46,-44.25	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-24.44,-24.63	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-40.73,-31.45	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-25.60,-28.79	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-30.20,-28.41	PASS

Band66	1.4MHz	16QAM	131979	1RB#0	-30.61,-26.97	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-35.28,-42.51	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-25.55,-27.36	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-39.58,-31.72	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-23.31,-28.84	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-31.25,-28.06	PASS
Band66	20MHz	QPSK	132072	1RB#0	-42.86,-37.46	PASS
Band66	20MHz	QPSK	132072	1RB#99	-38.58,-57.46	PASS
Band66	20MHz	QPSK	132072	100RB#0	-32.09,-35.93	PASS
Band66	20MHz	QPSK	132572	1RB#0	-56.37,-37.15	PASS
Band66	20MHz	QPSK	132572	1RB#99	-39.45,-43.08	PASS
Band66	20MHz	QPSK	132572	100RB#0	-33.13,-28.82	PASS
Band66	20MHz	16QAM	132072	1RB#0	-43.27,-35.53	PASS
Band66	20MHz	16QAM	132072	1RB#99	-40.19,-57.71	PASS
Band66	20MHz	16QAM	132072	100RB#0	-33.76,-37.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	-56.03,-38.73	PASS
Band66	20MHz	16QAM	132572	1RB#99	-37.53,-43.80	PASS
Band66	20MHz	16QAM	132572	100RB#0	-34.96,-30.82	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

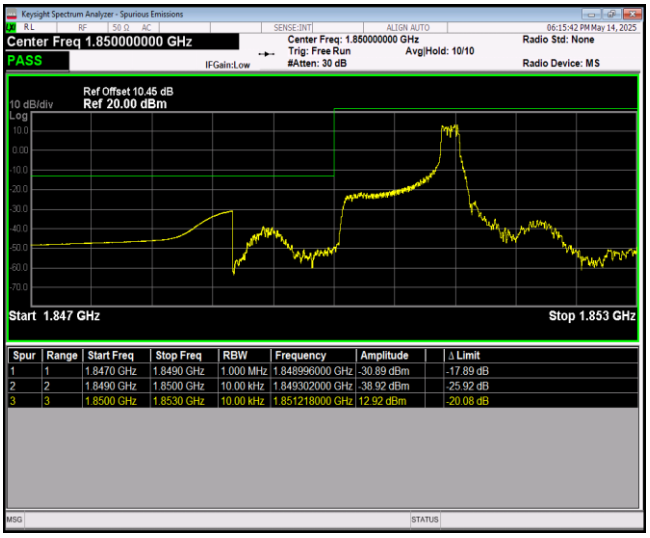
Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



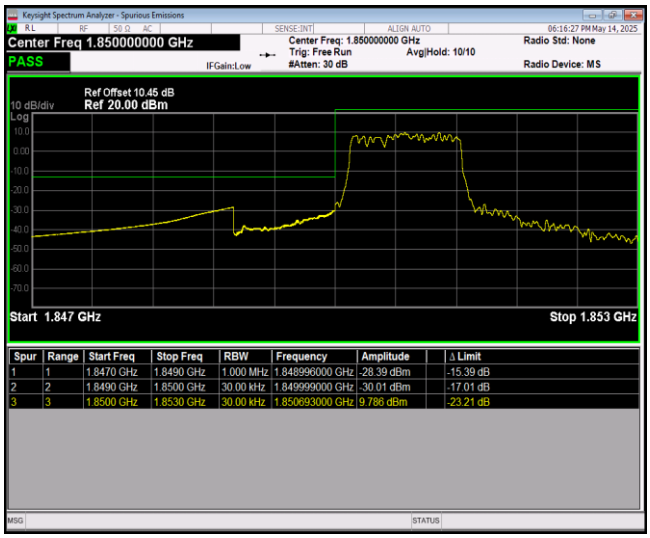
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8470 GHz	1.8490 GHz	1.000 MHz	1.848990000 GHz	-27.91 dBm	-14.91 dB
2	2	1.8490 GHz	1.8500 GHz	10.00 kHz	1.849983000 GHz	-24.44 dBm	-11.44 dB
3	3	1.8500 GHz	1.8530 GHz	10.00 kHz	1.850282000 GHz	13.41 dBm	-19.59 dB

Band2-1.4MHz-QPSK-18607-1RB#5



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8470 GHz	1.8490 GHz	1.000 MHz	1.848996000 GHz	-30.89 dBm	-17.89 dB
2	2	1.8490 GHz	1.8500 GHz	10.00 kHz	1.849302000 GHz	-38.92 dBm	-25.92 dB
3	3	1.8500 GHz	1.8530 GHz	10.00 kHz	1.851218000 GHz	12.92 dBm	-20.08 dB

Band2-1.4MHz-QPSK-18607-6RB#0



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8470 GHz	1.8490 GHz	1.000 MHz	1.848996000 GHz	-28.39 dBm	-15.39 dB
2	2	1.8490 GHz	1.8500 GHz	30.00 kHz	1.849999000 GHz	-30.01 dBm	-17.01 dB
3	3	1.8500 GHz	1.8530 GHz	30.00 kHz	1.850693000 GHz	9.786 dBm	-23.21 dB

Band2-1.4MHz-QPSK-19193-1RB#0

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9070 GHz	1.9100 GHz	10.00 kHz	1.908818000 GHz	14.92 dBm	-18.08 dB
2	2	1.9100 GHz	1.9110 GHz	10.00 kHz	1.910702000 GHz	-37.93 dBm	-24.93 dB
3	3	1.9110 GHz	1.9130 GHz	1.000 MHz	1.911002000 GHz	-30.20 dBm	-17.20 dB

Band2-1.4MHz-QPSK-19193-1RB#5

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9070 GHz	1.9100 GHz	10.00 kHz	1.909787000 GHz	14.34 dBm	-18.66 dB
2	2	1.9100 GHz	1.9110 GHz	10.00 kHz	1.910017000 GHz	-22.96 dBm	-9.965 dB
3	3	1.9110 GHz	1.9130 GHz	1.000 MHz	1.911004000 GHz	-30.43 dBm	-17.43 dB

Band2-1.4MHz-QPSK-19193-6RB#0

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9070 GHz	1.9100 GHz	30.00 kHz	1.909394000 GHz	11.33 dBm	-21.67 dB
2	2	1.9100 GHz	1.9110 GHz	30.00 kHz	1.910022000 GHz	-30.58 dBm	-17.58 dB
3	3	1.9110 GHz	1.9130 GHz	1.000 MHz	1.911002000 GHz	-27.24 dBm	-14.24 dB