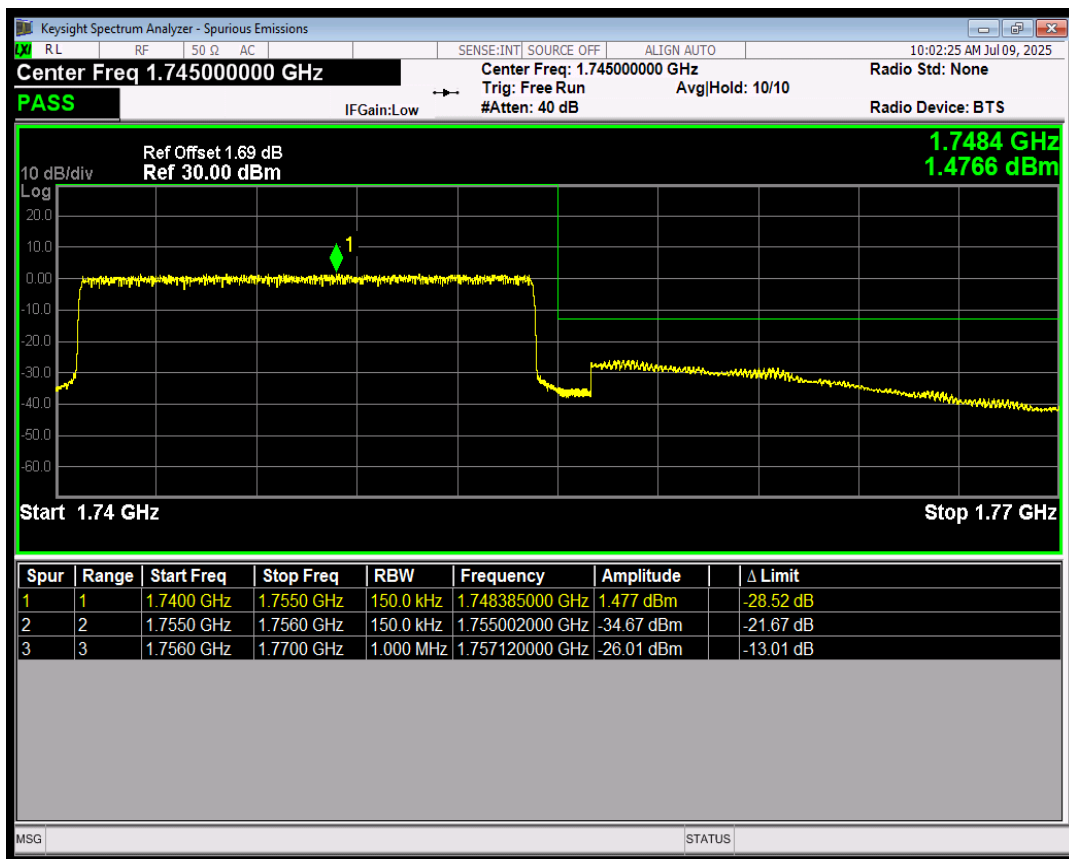
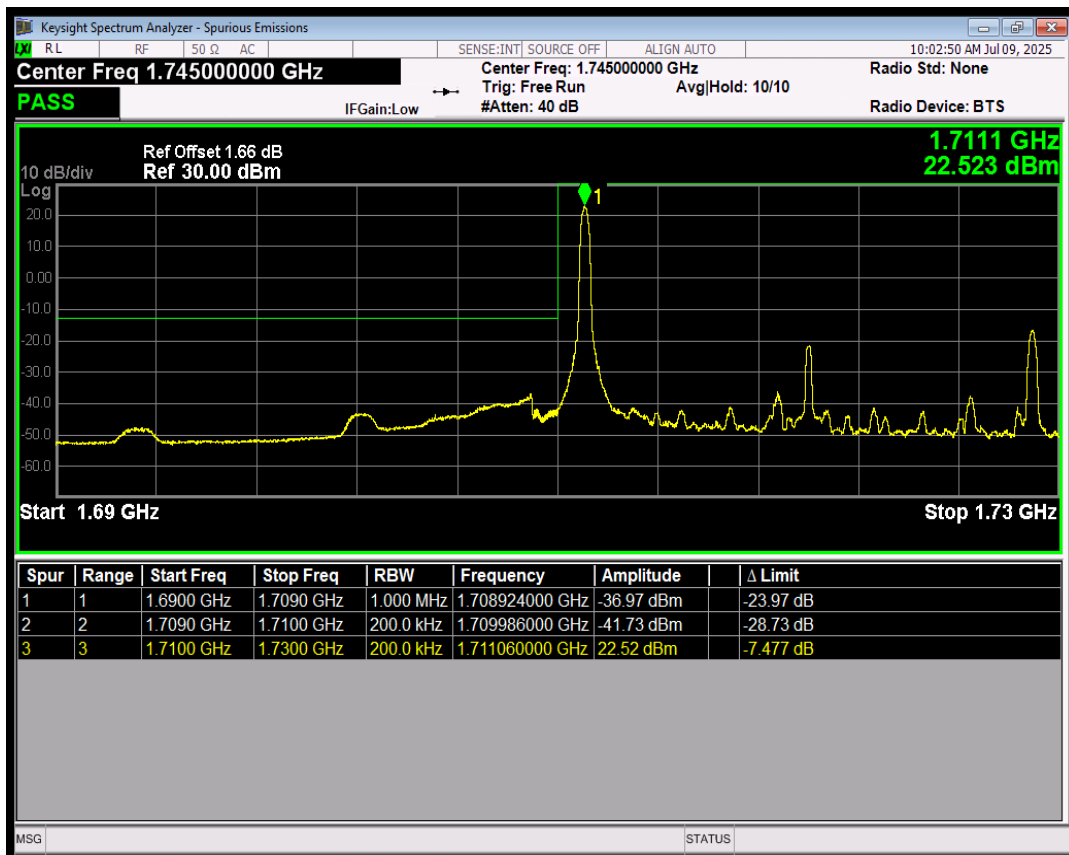


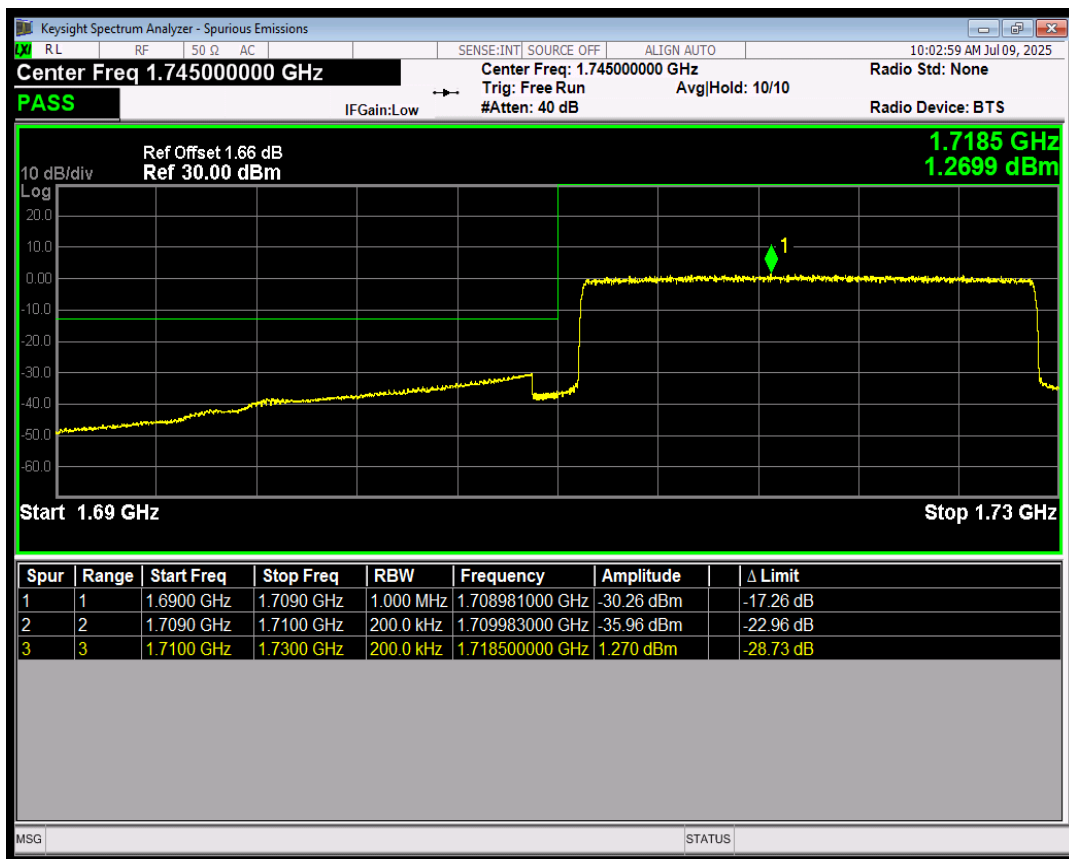
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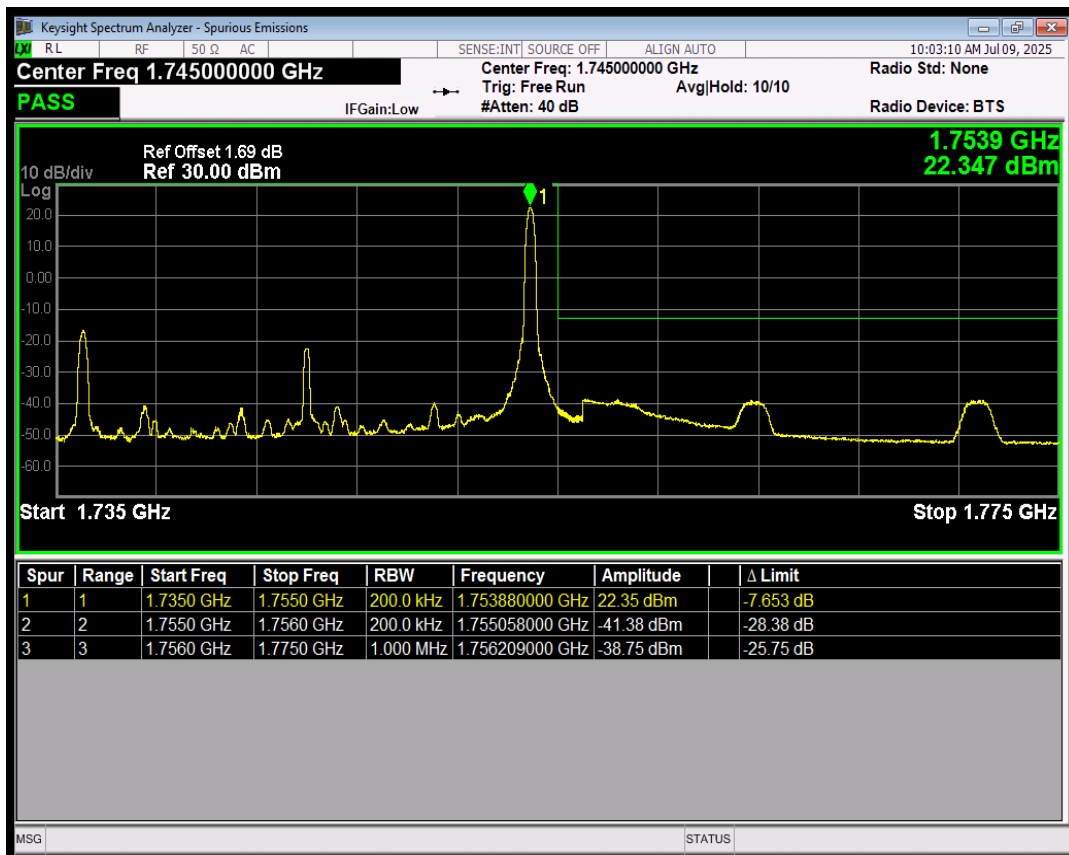
LTE Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



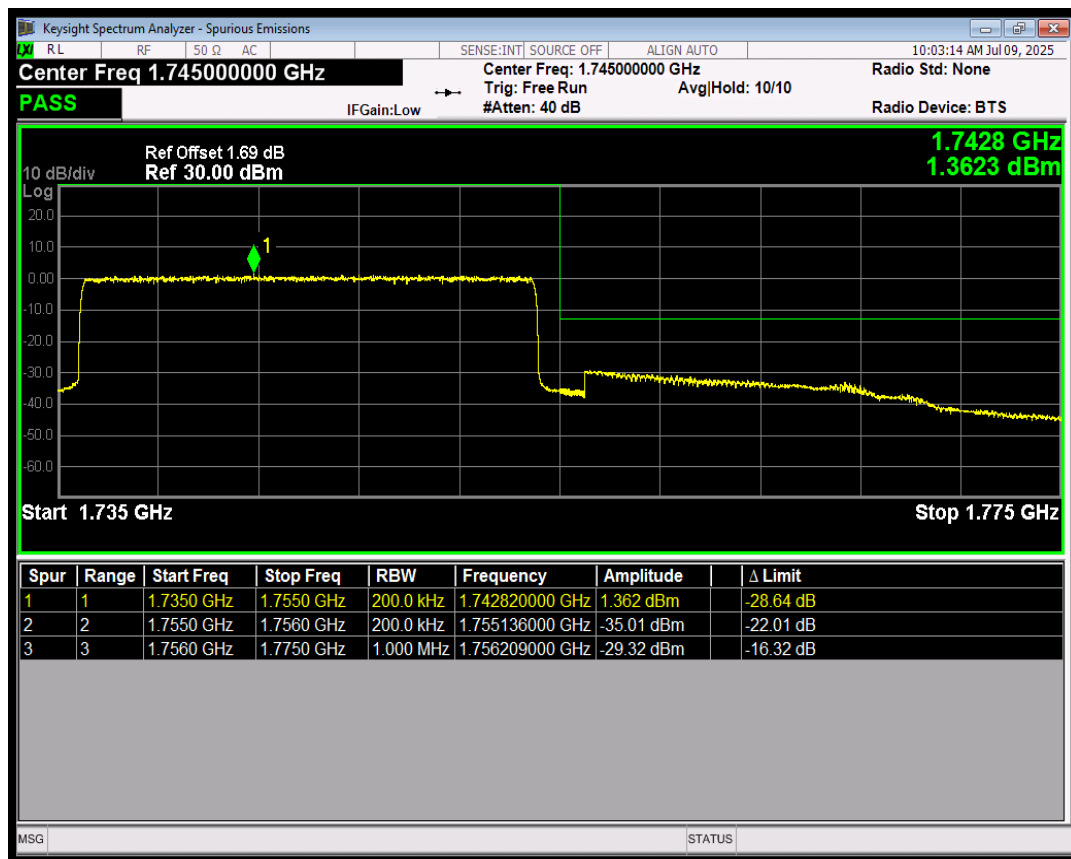
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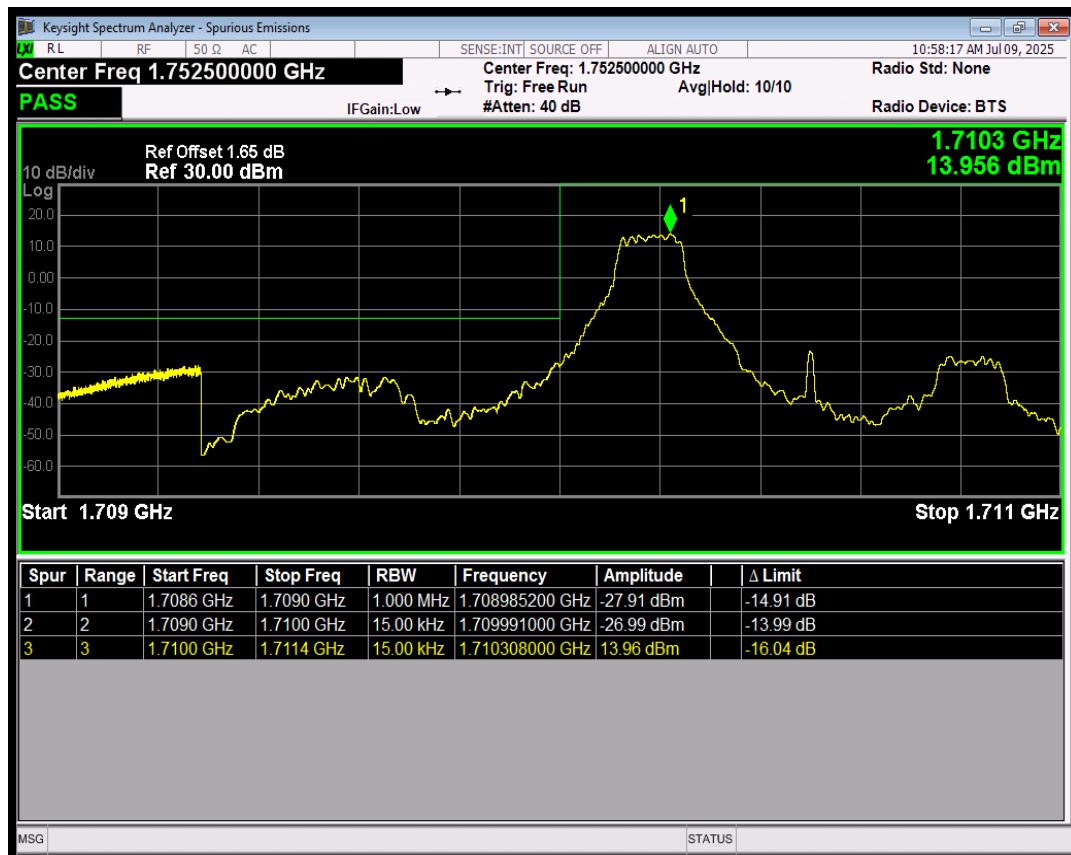
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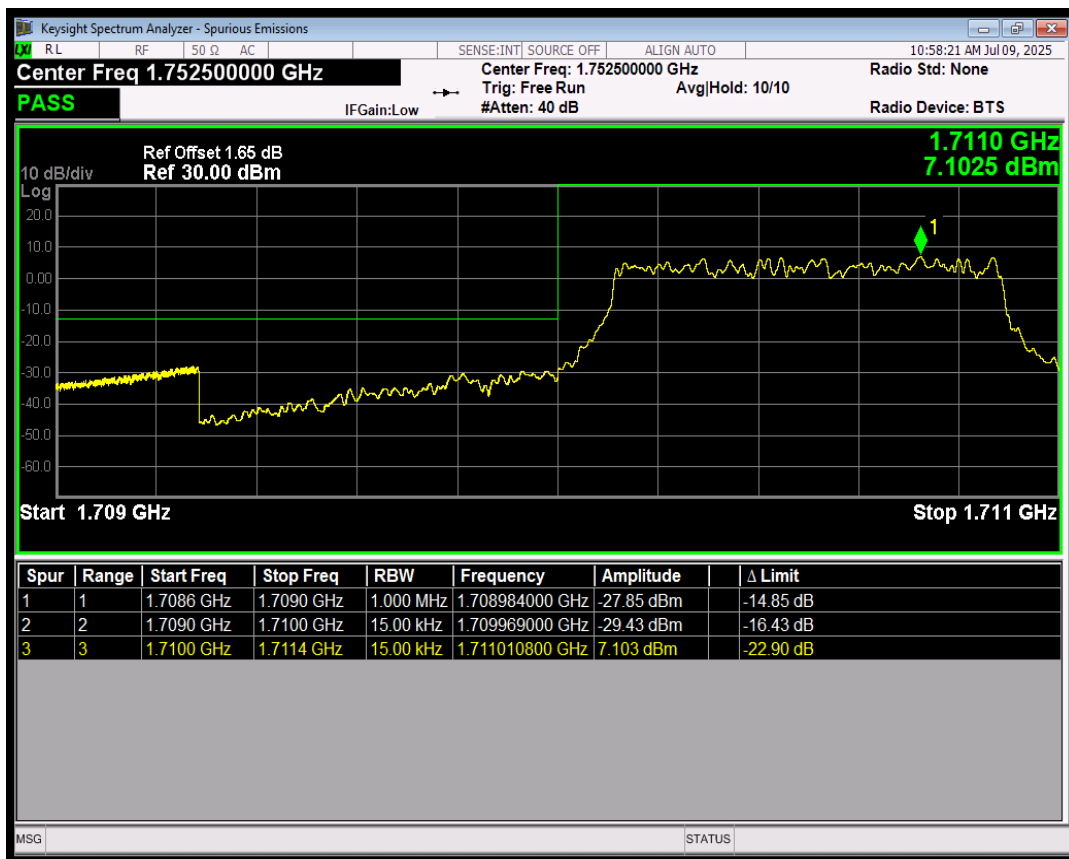
LTE Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=1 Position=#0



LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



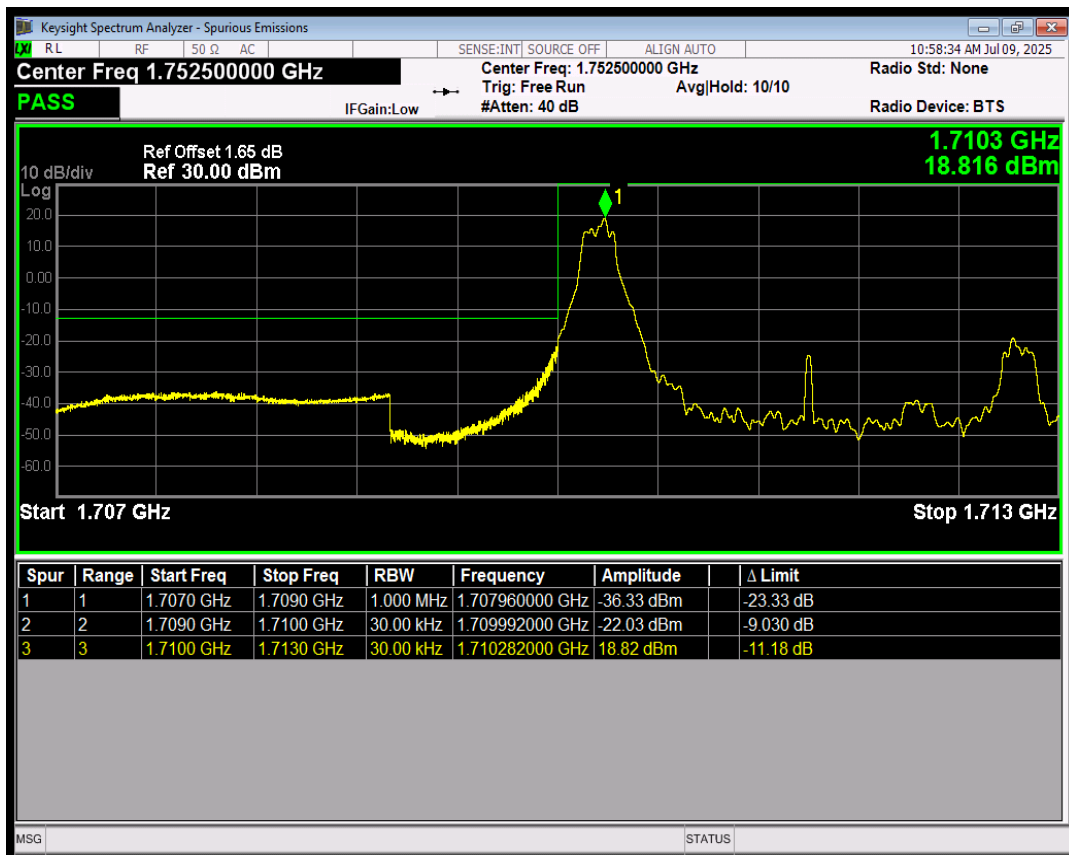
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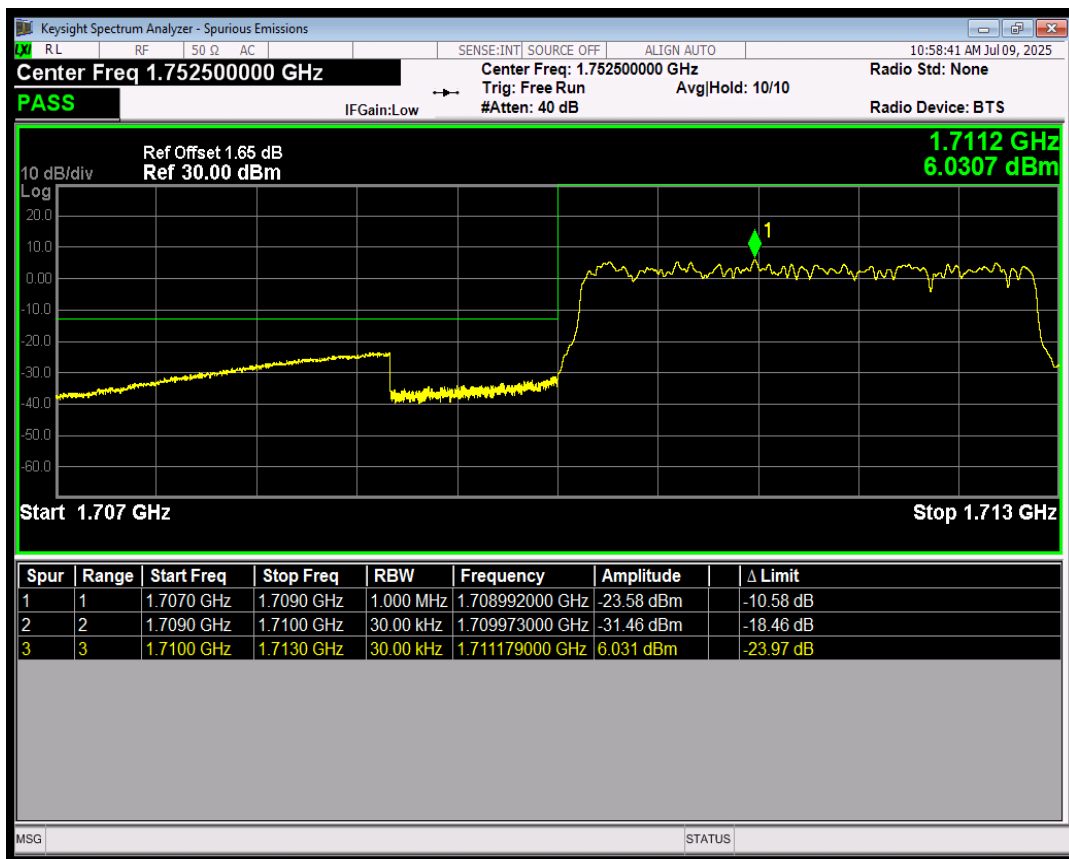
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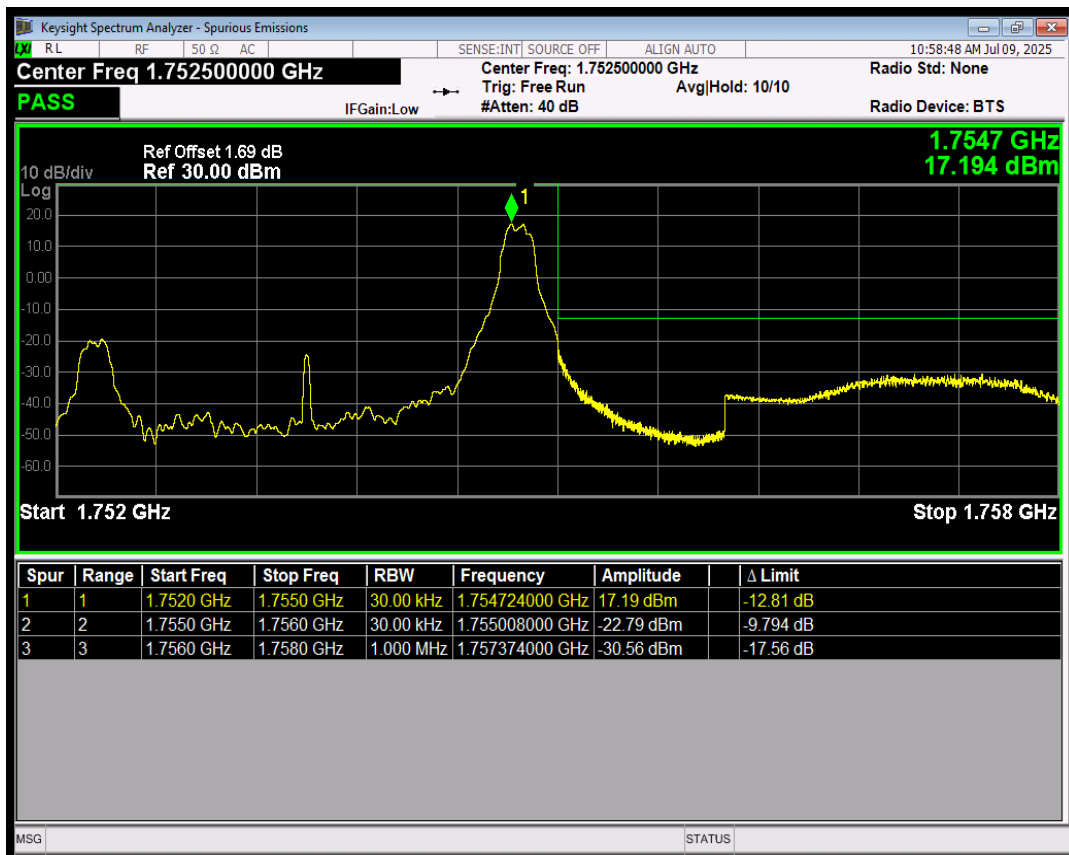
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



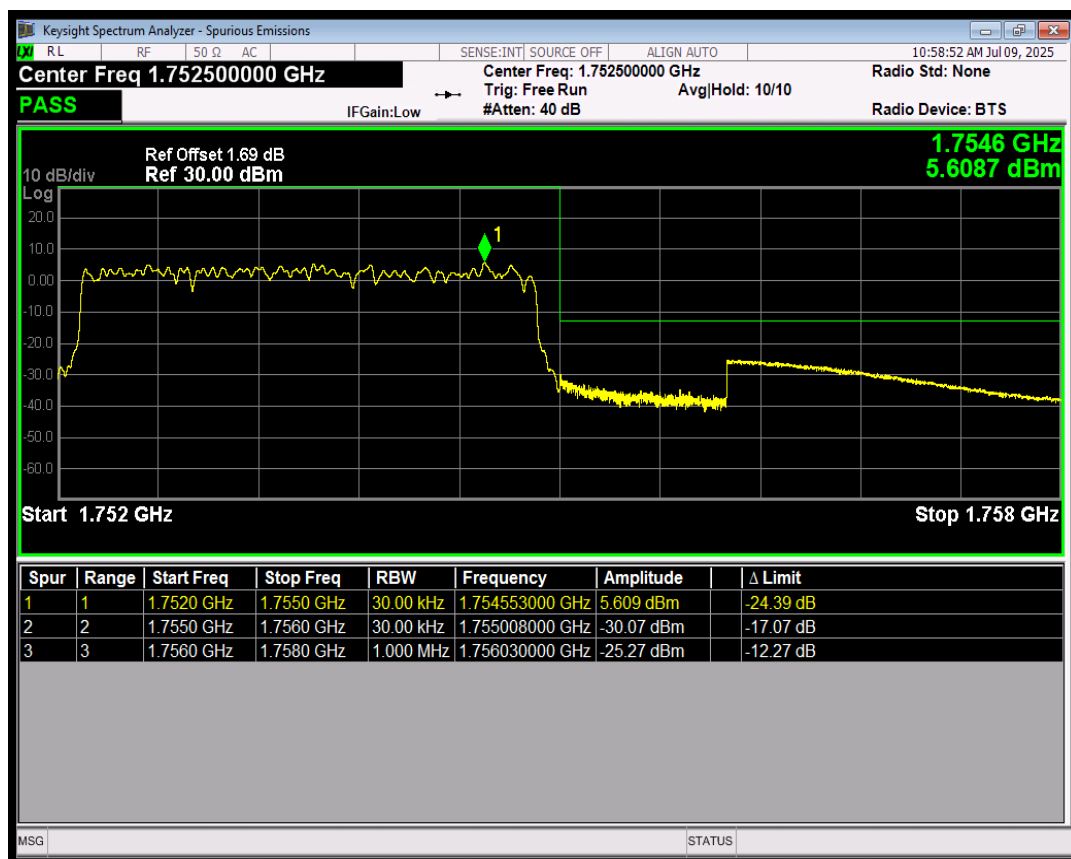
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



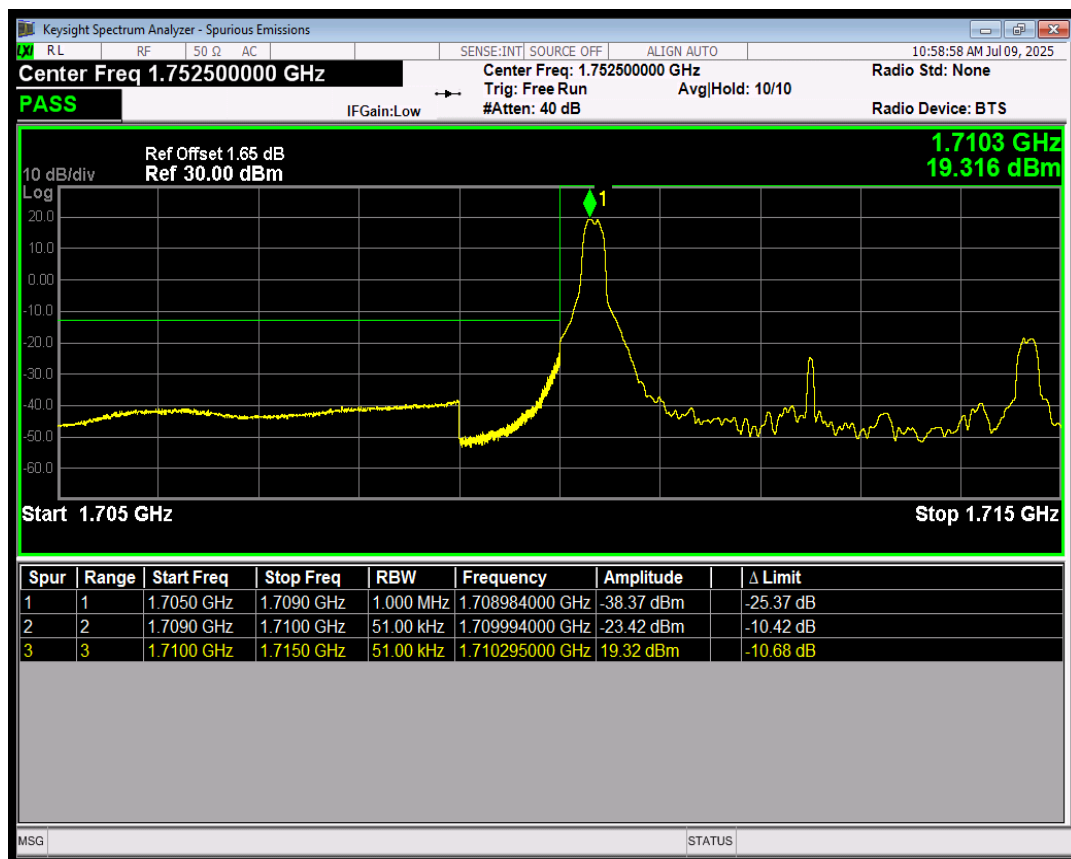
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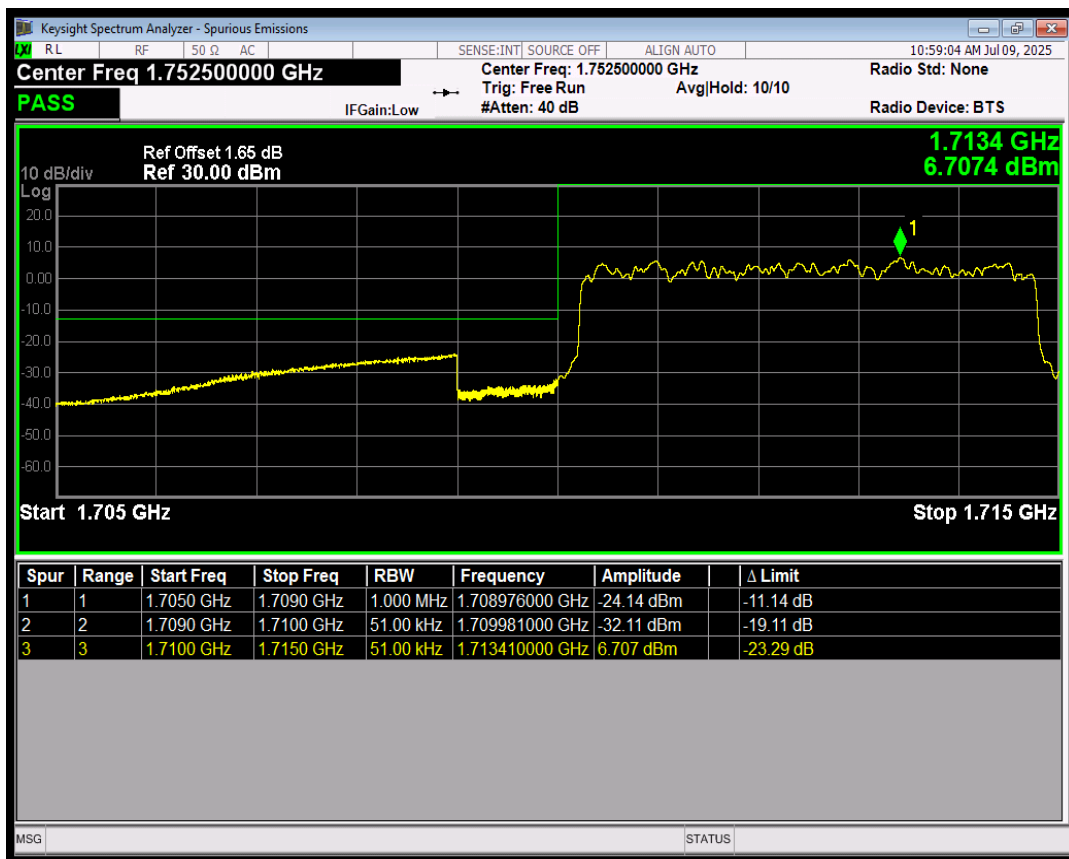
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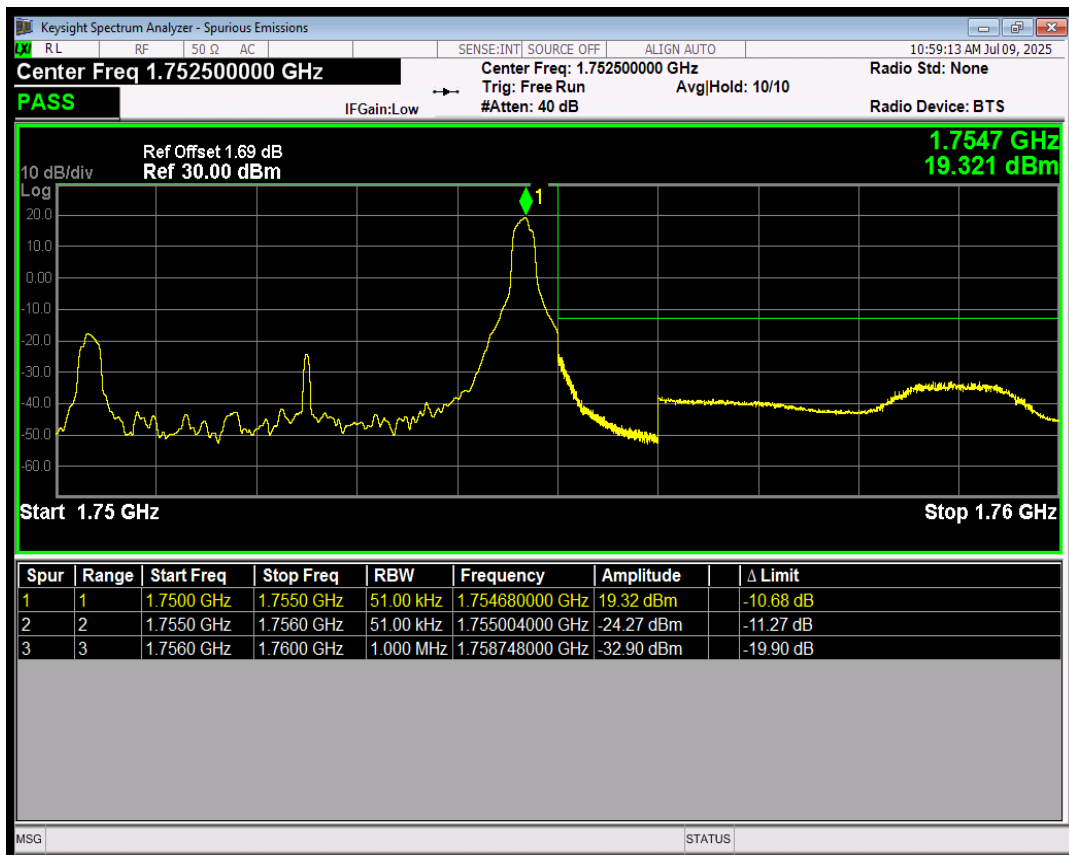
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



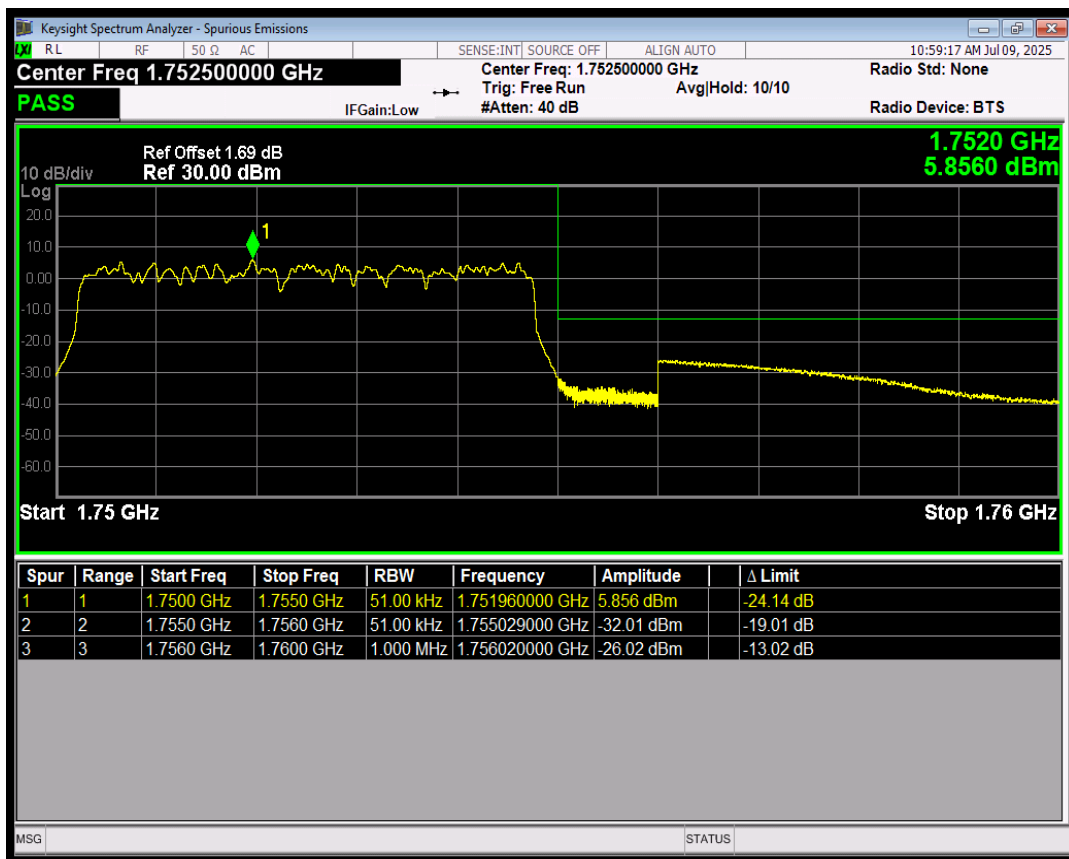
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



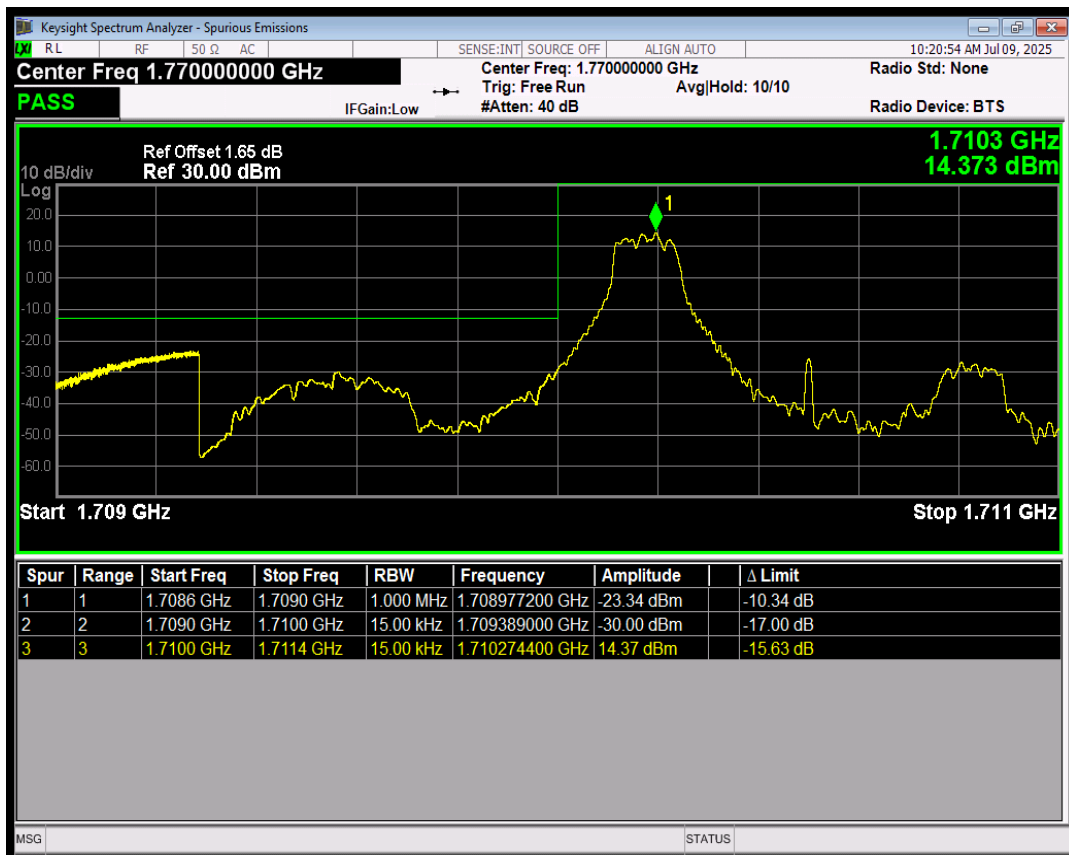
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#Max



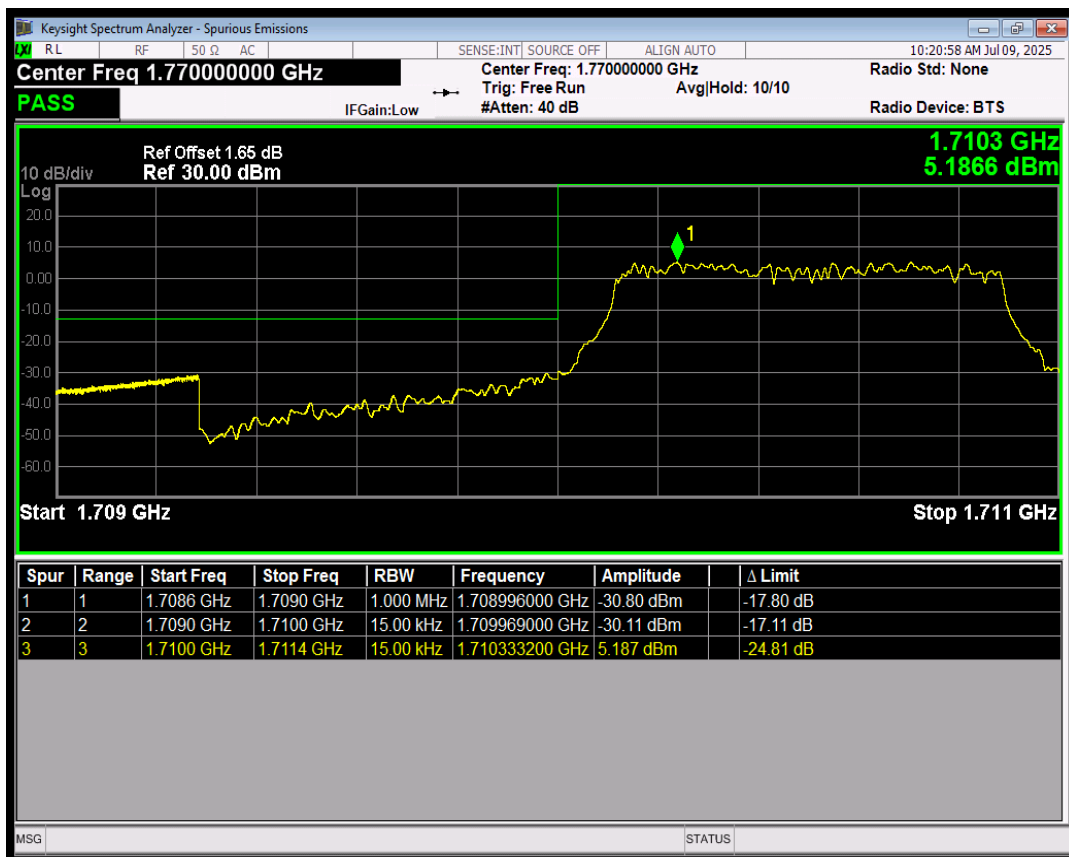
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



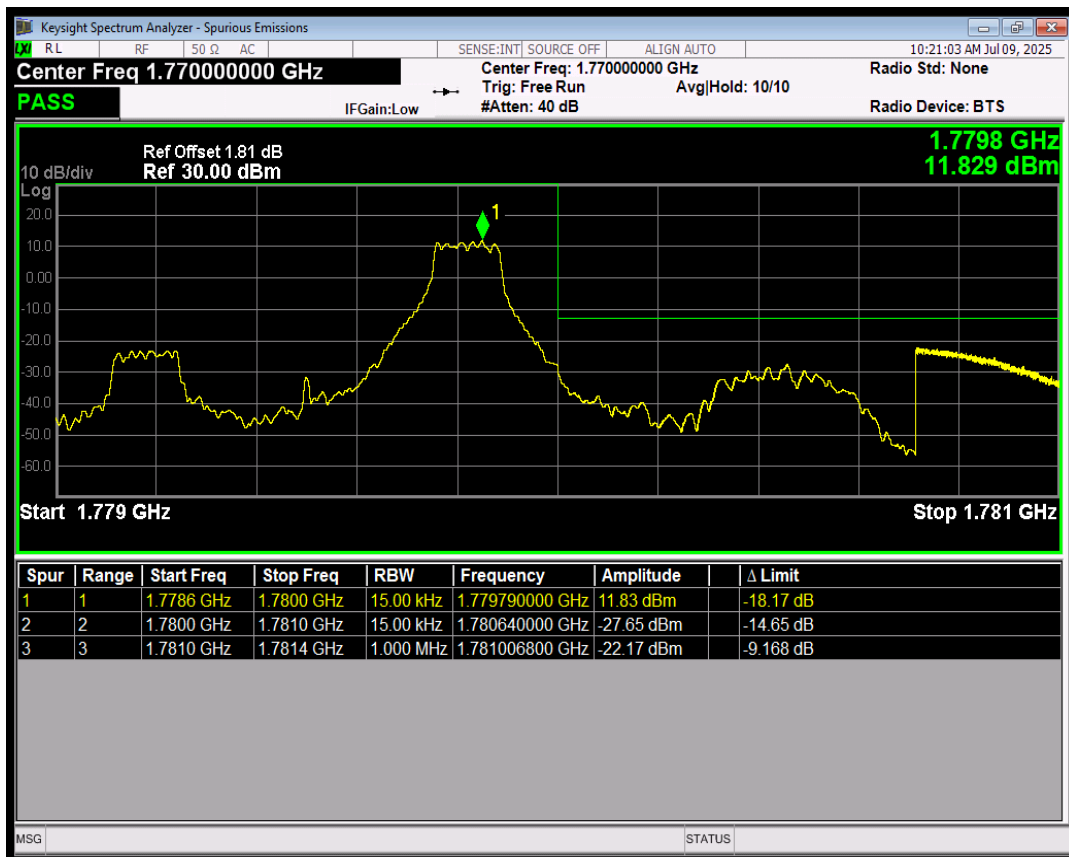
LTE Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



LTE Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



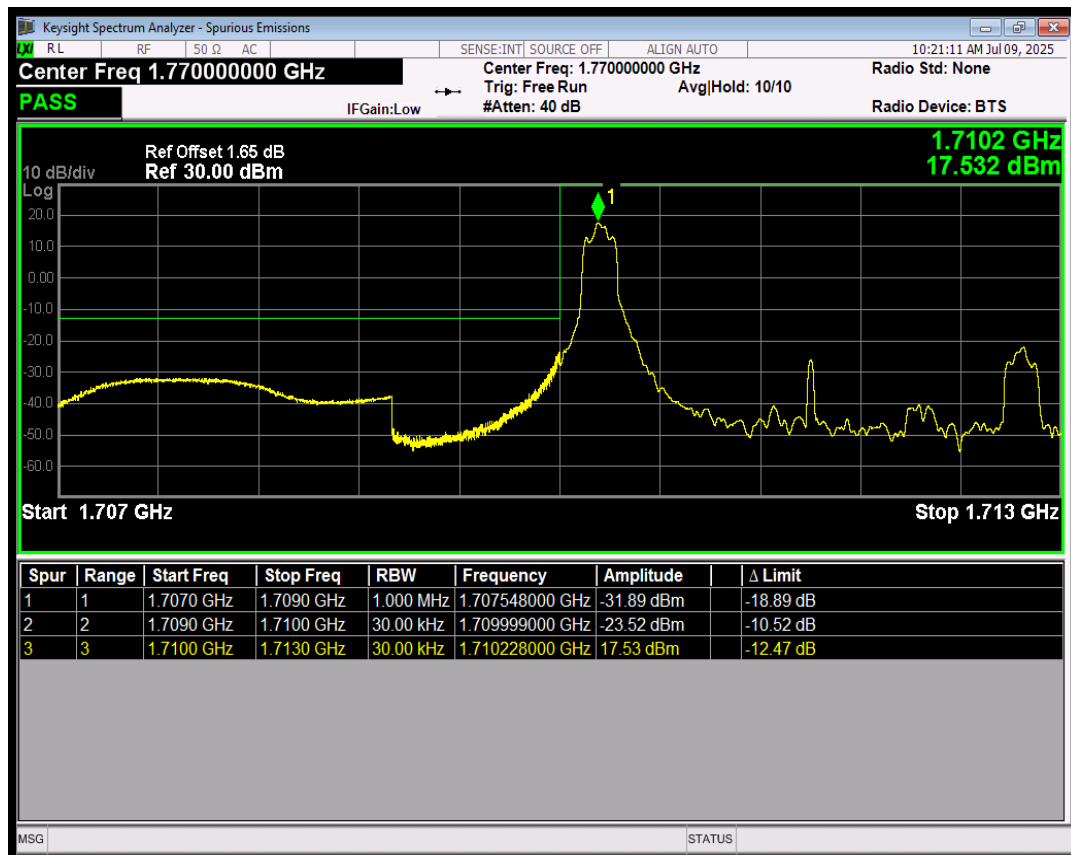
LTE Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



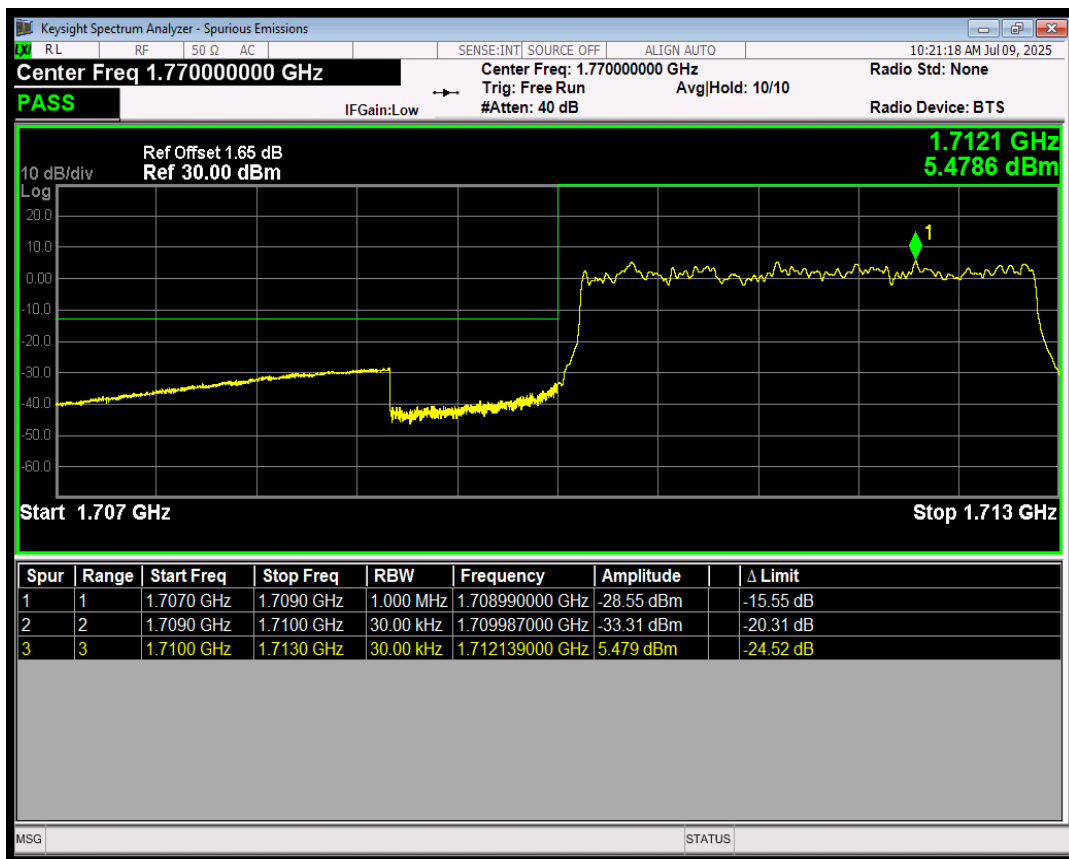
LTE Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



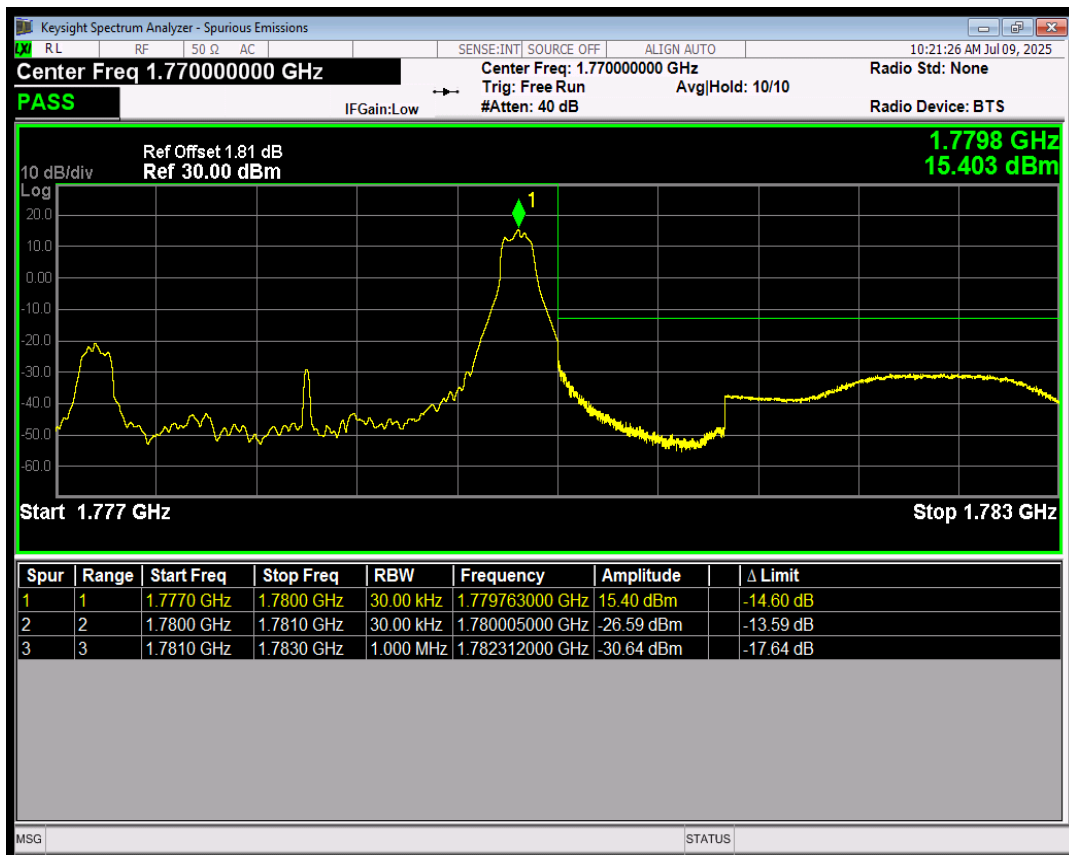
LTE Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



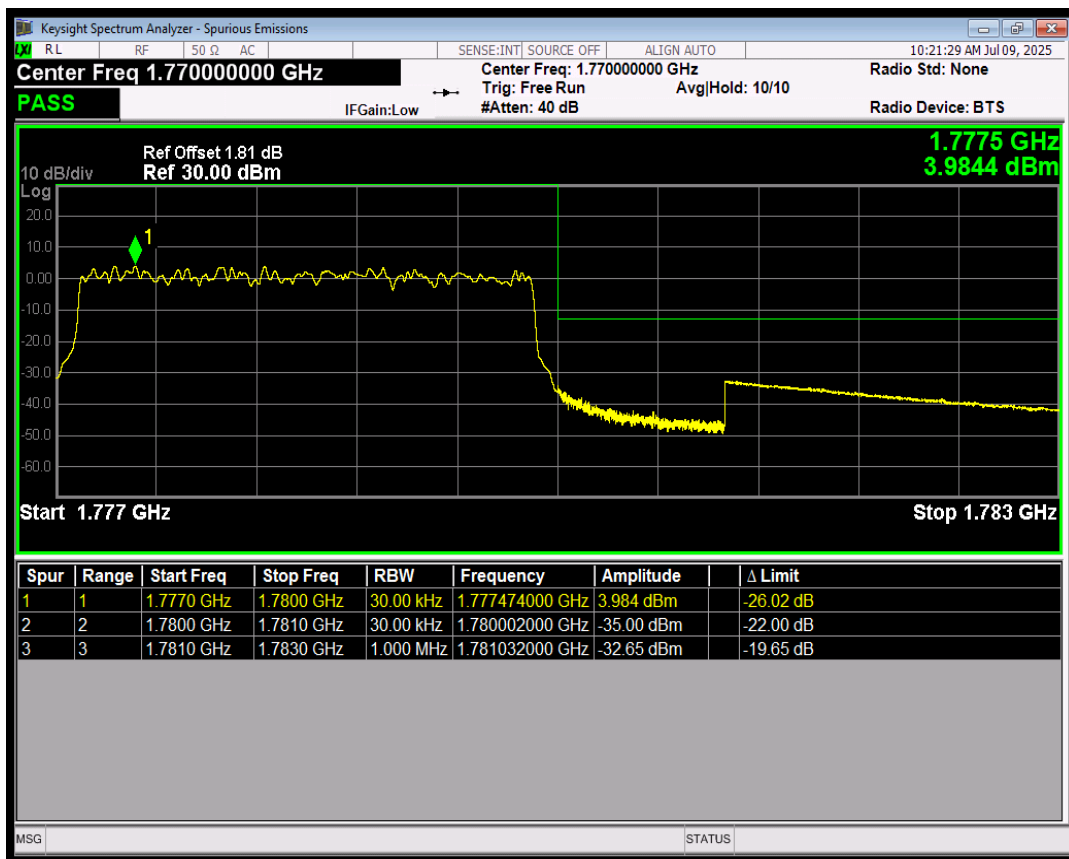
LTE Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



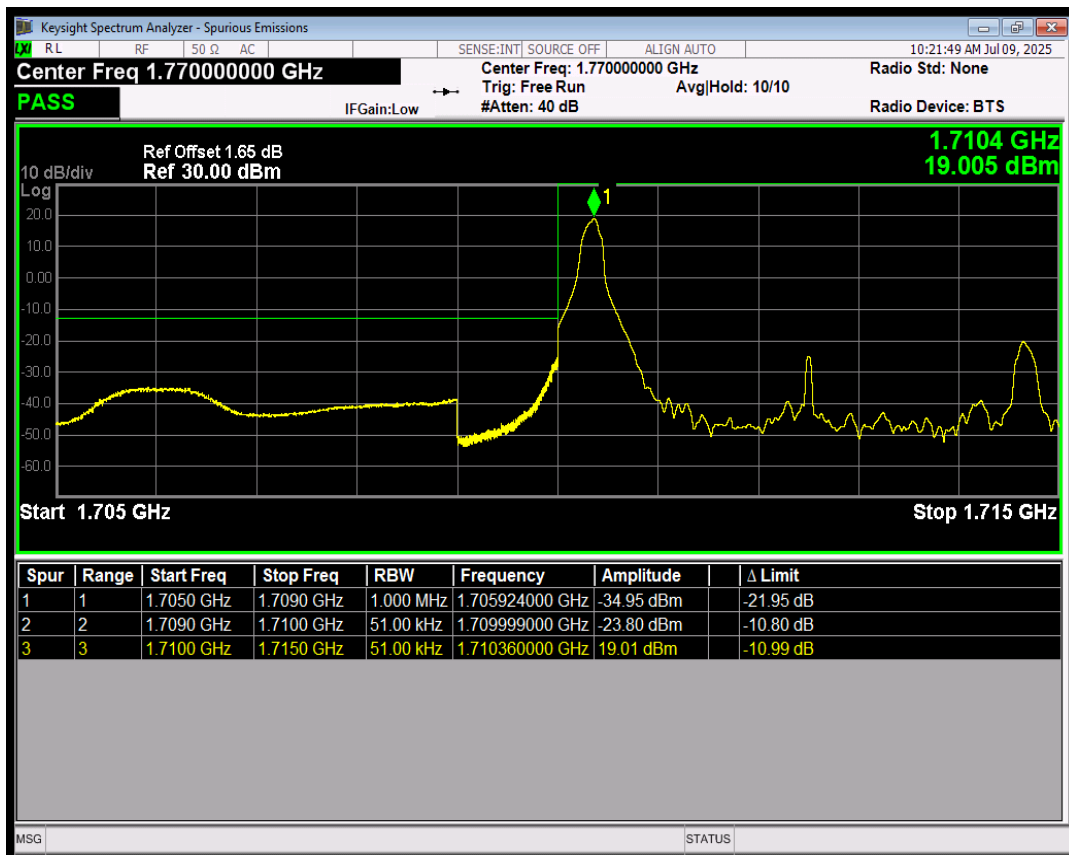
LTE Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#Max



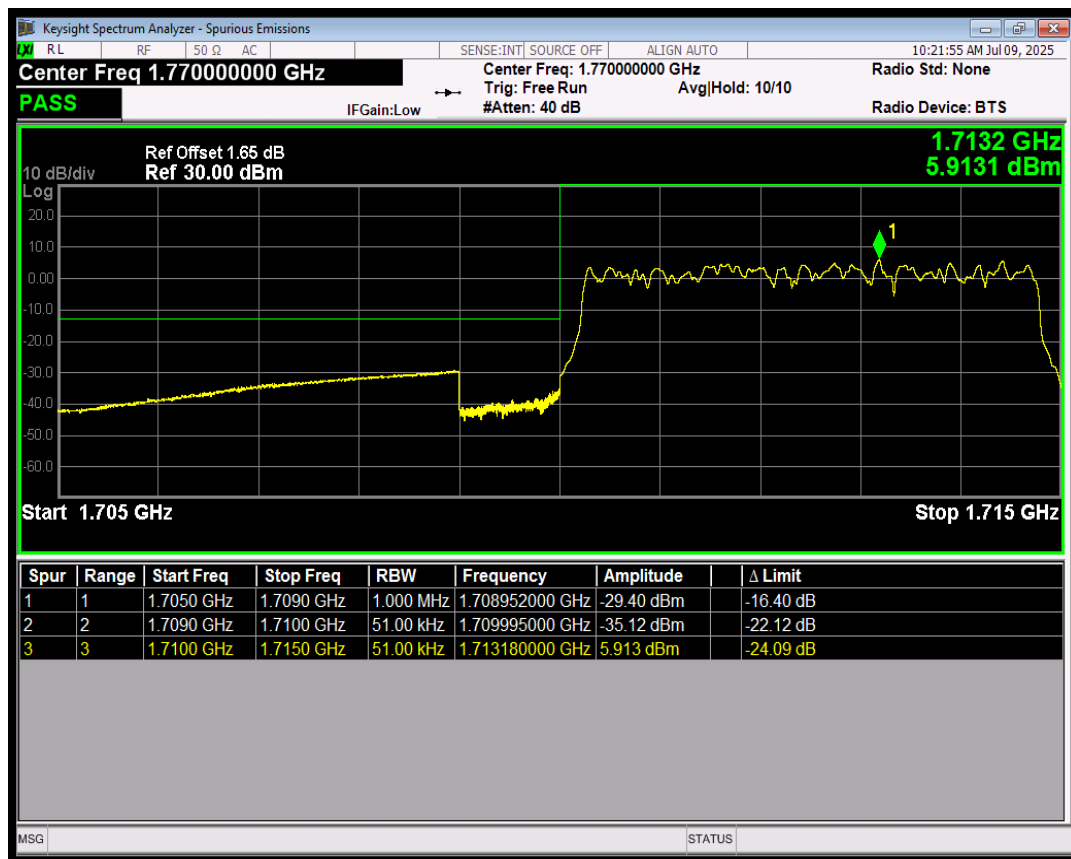
LTE Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



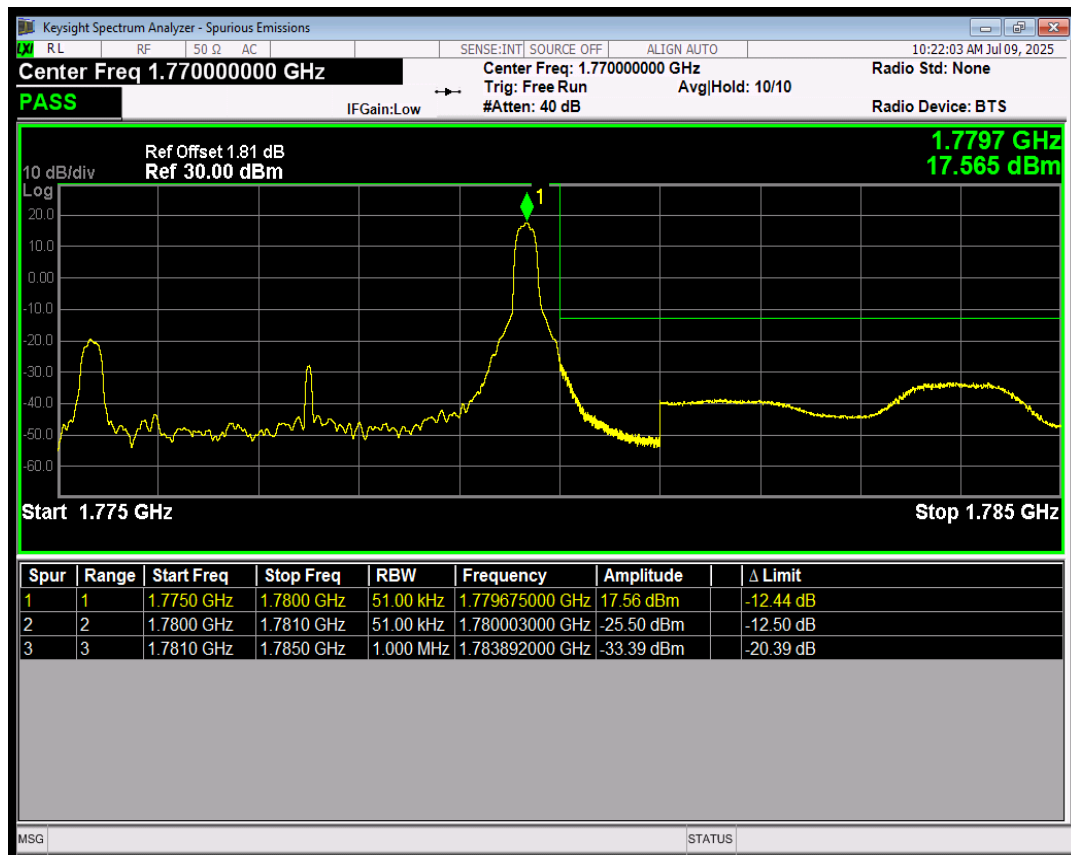
LTE Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



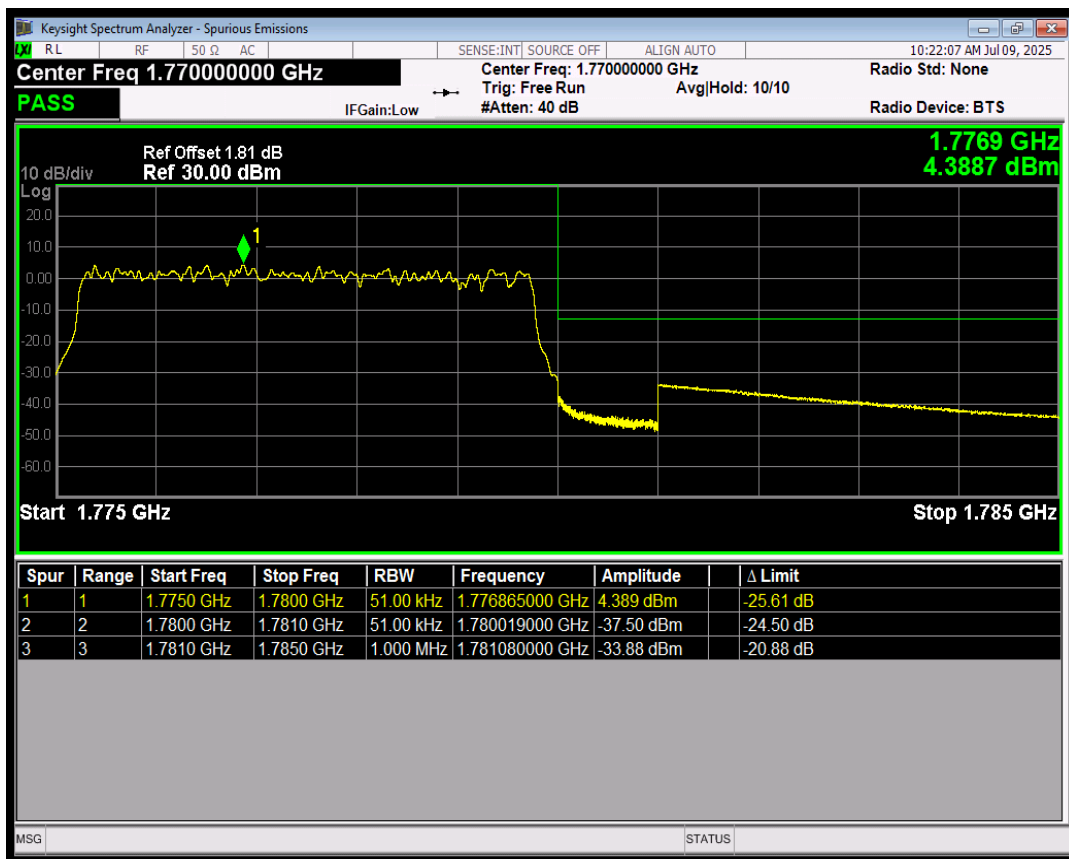
LTE Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



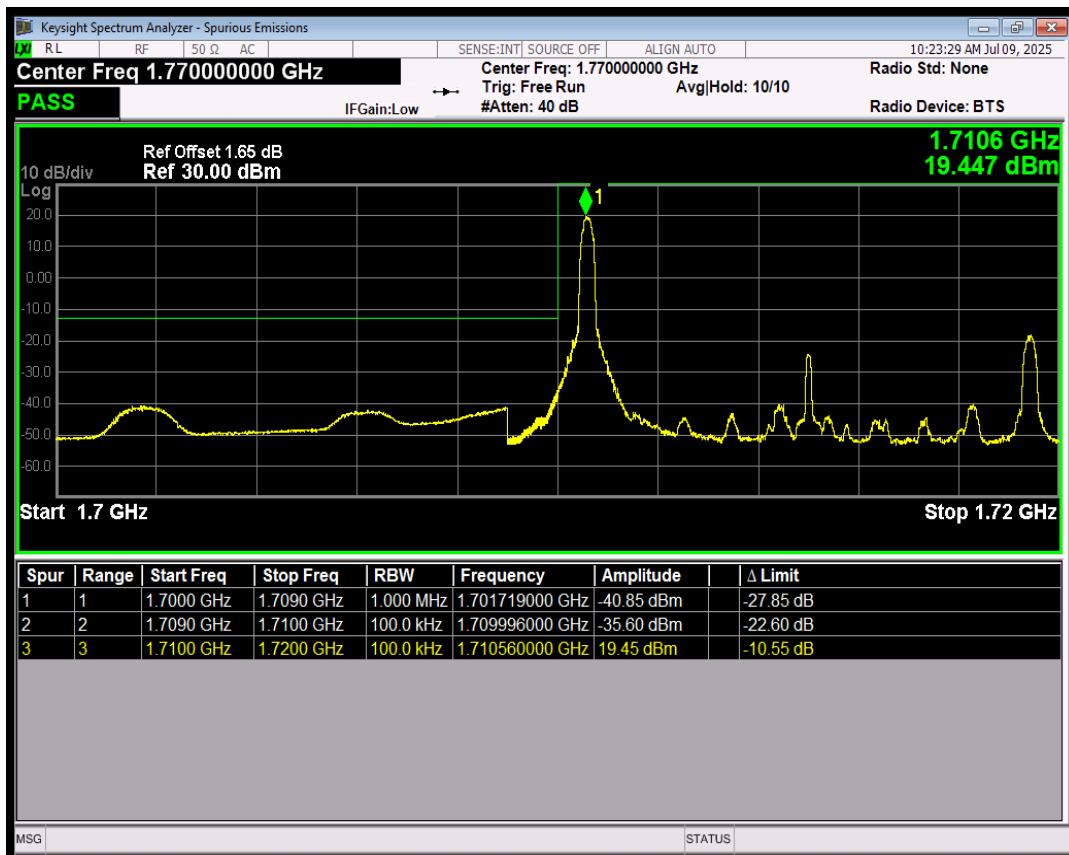
LTE Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#Max



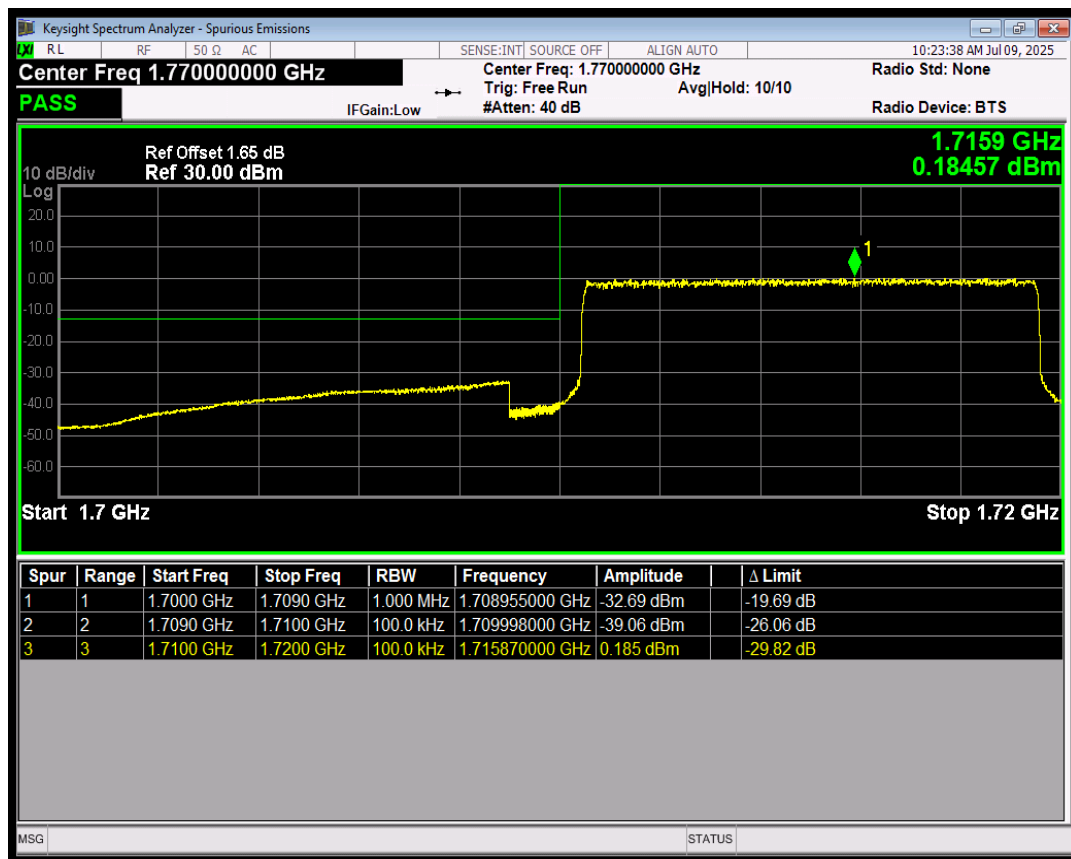
LTE Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



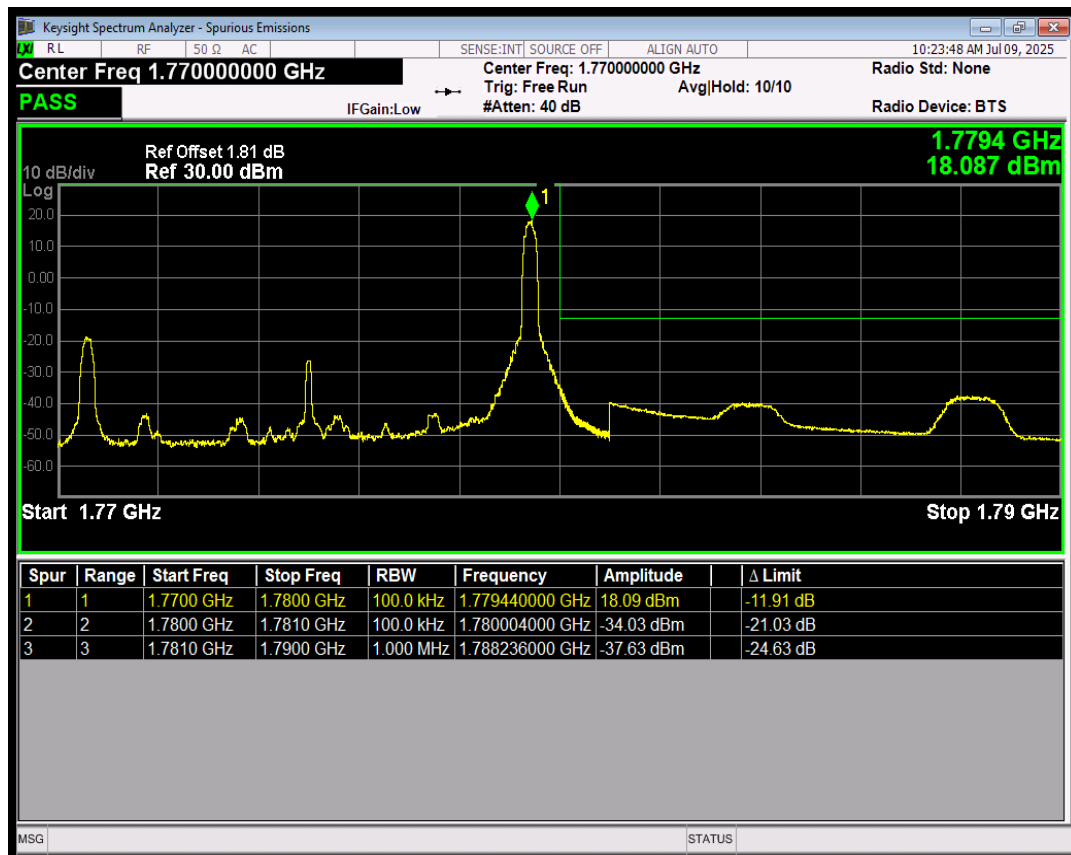
LTE Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



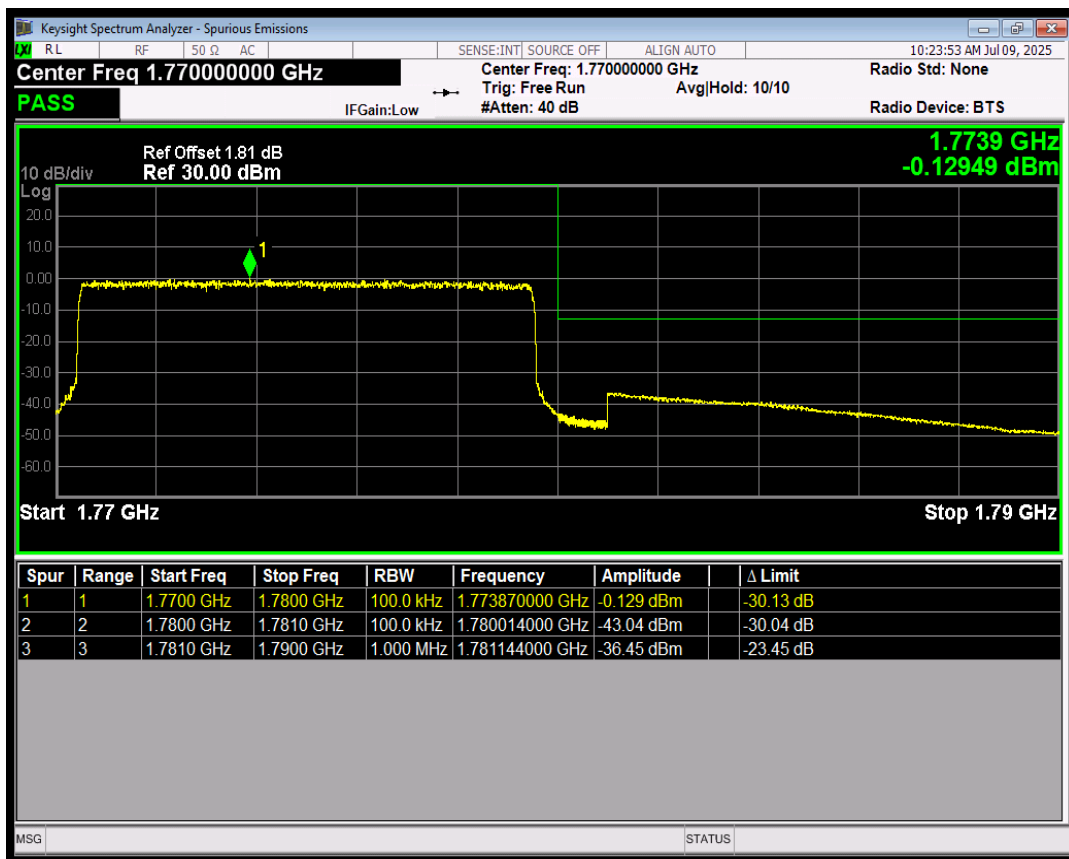
LTE Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



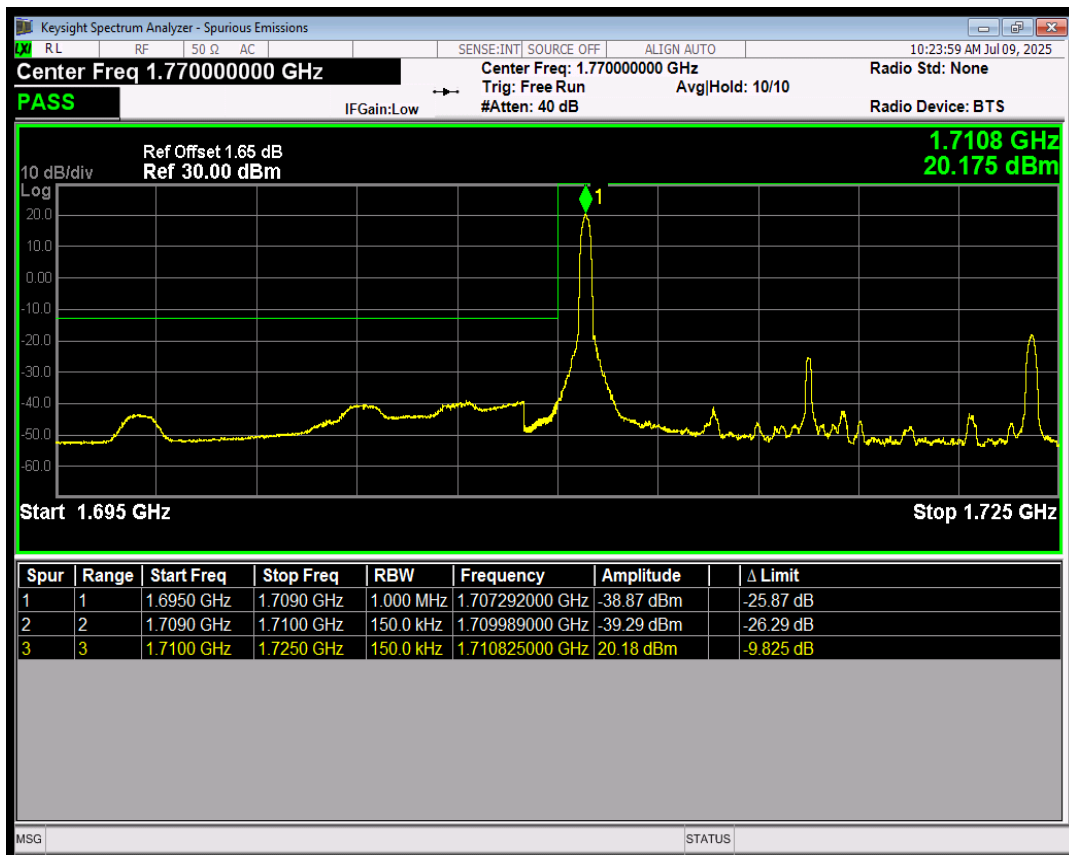
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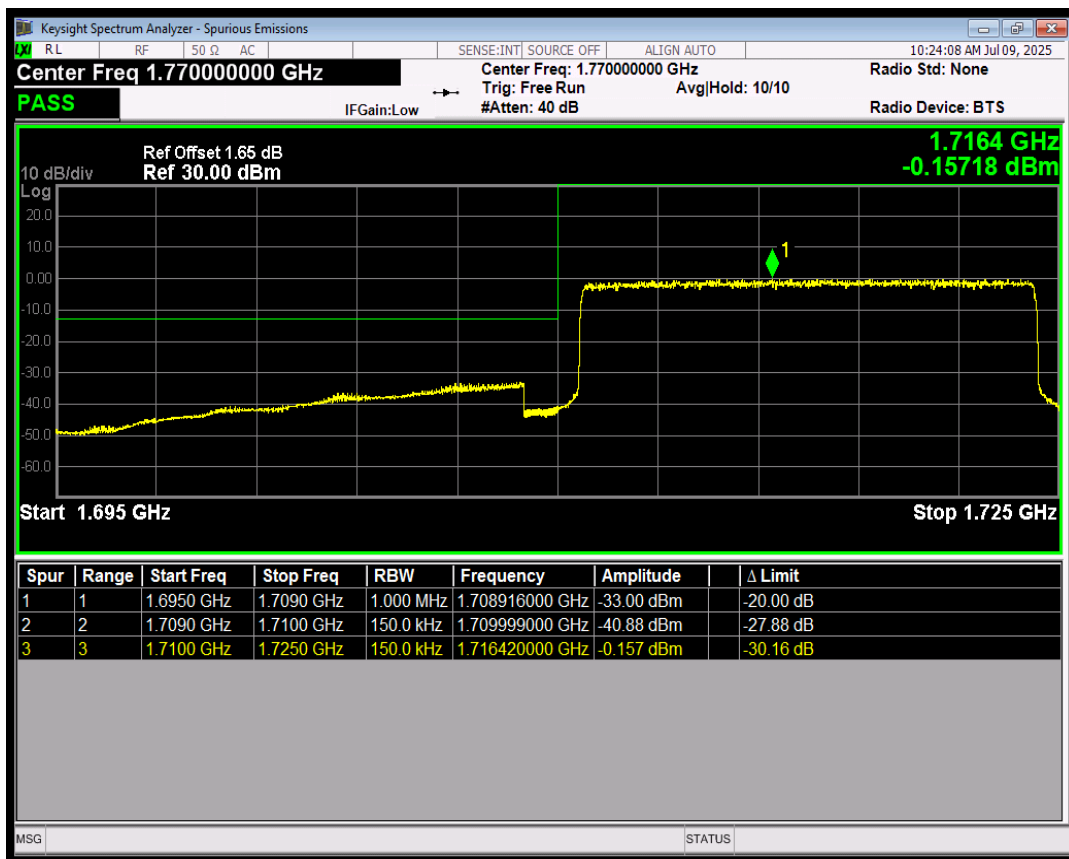
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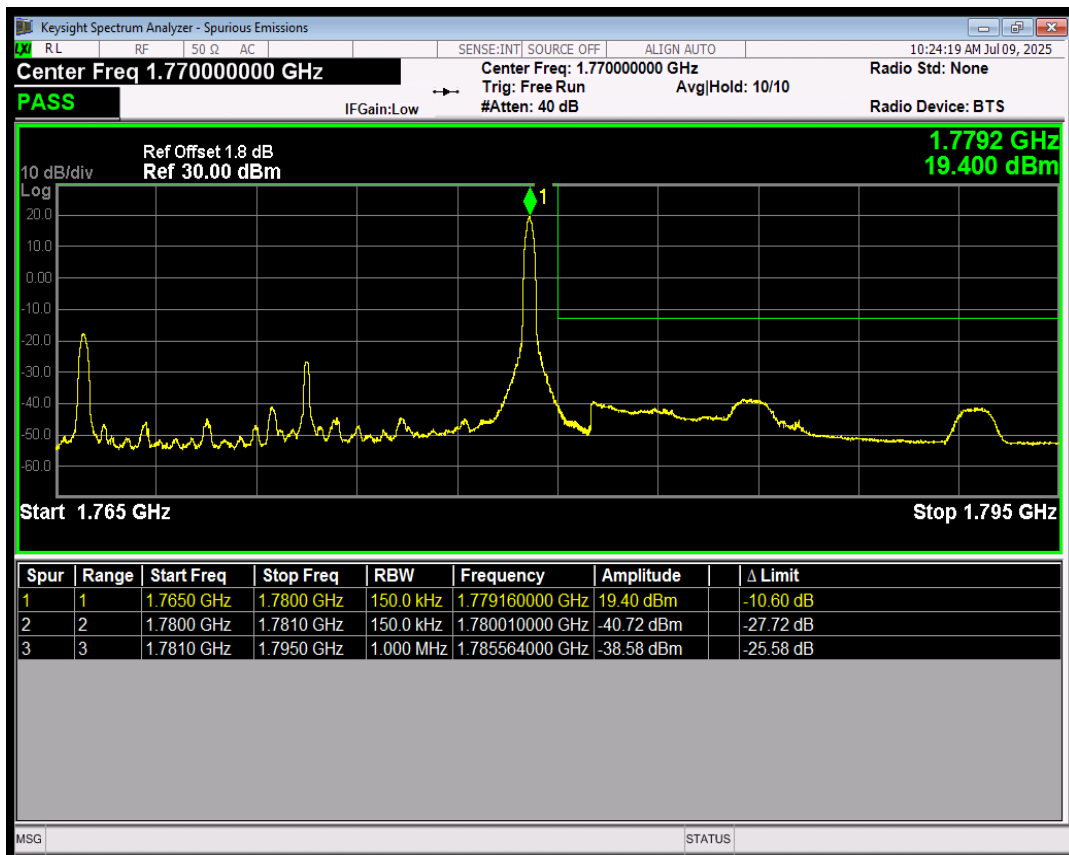
LTE Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



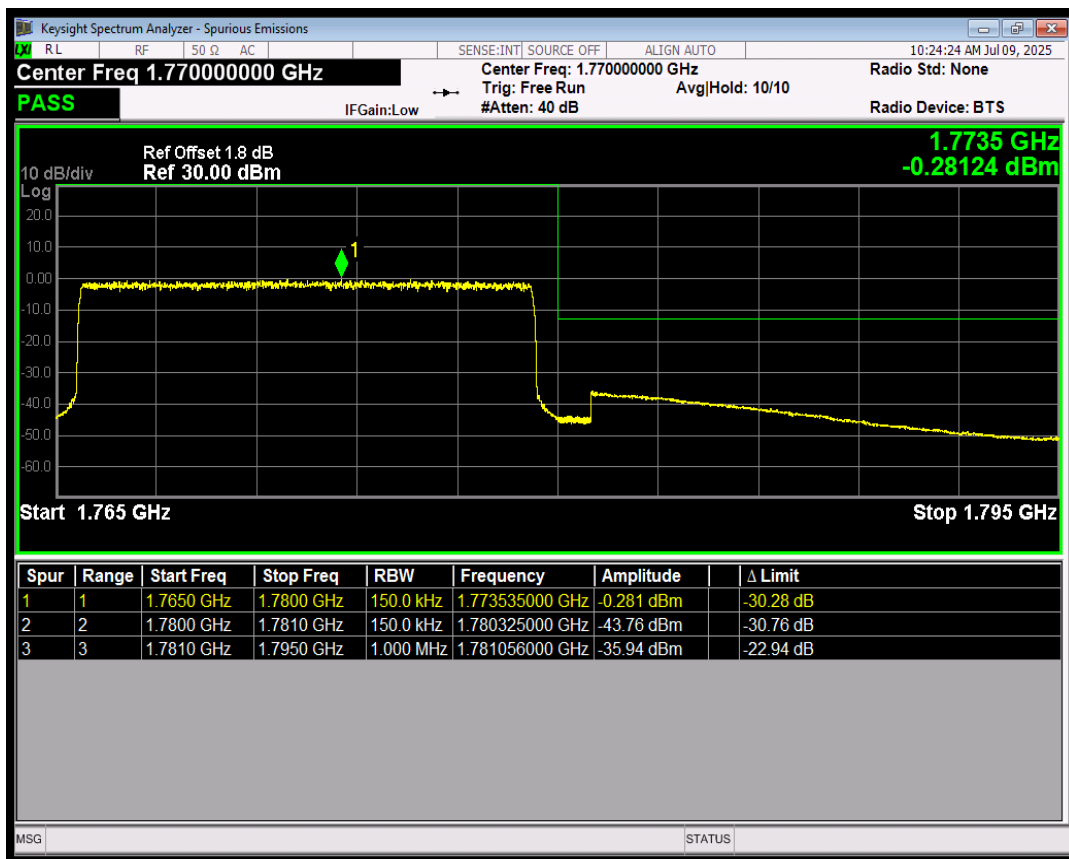
LTE Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



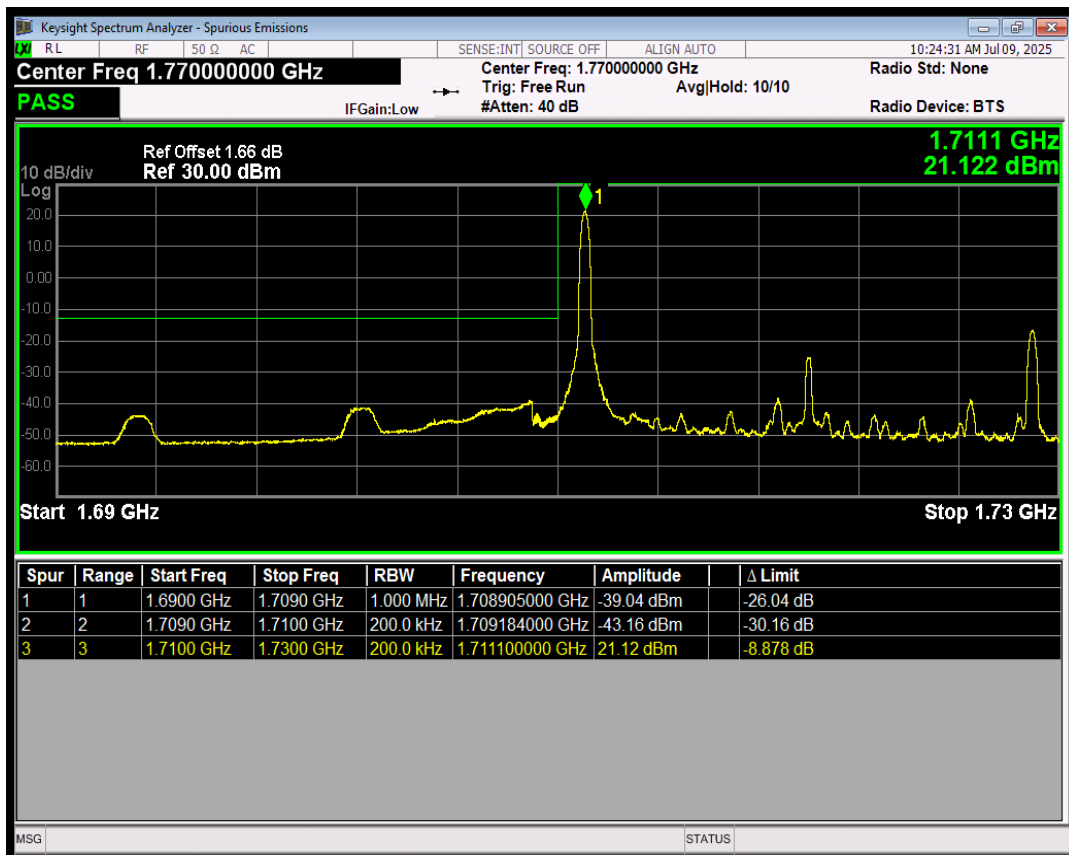
LTE Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#Max



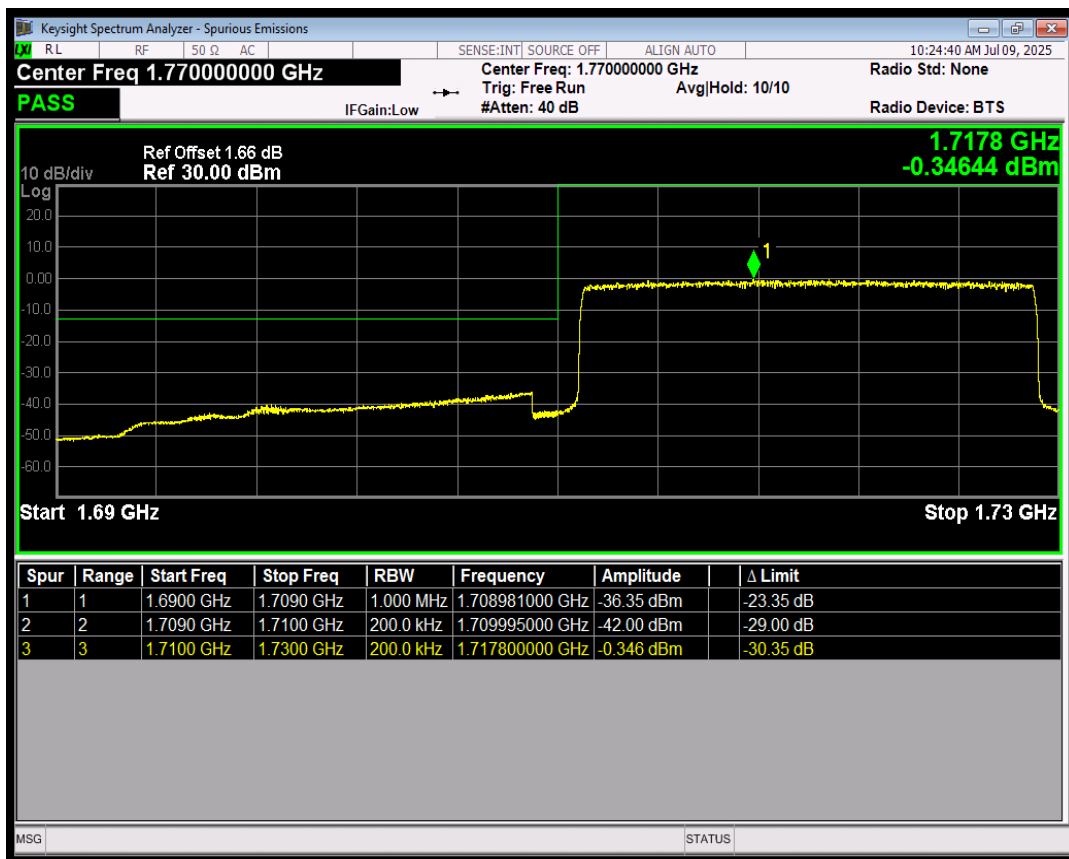
LTE Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



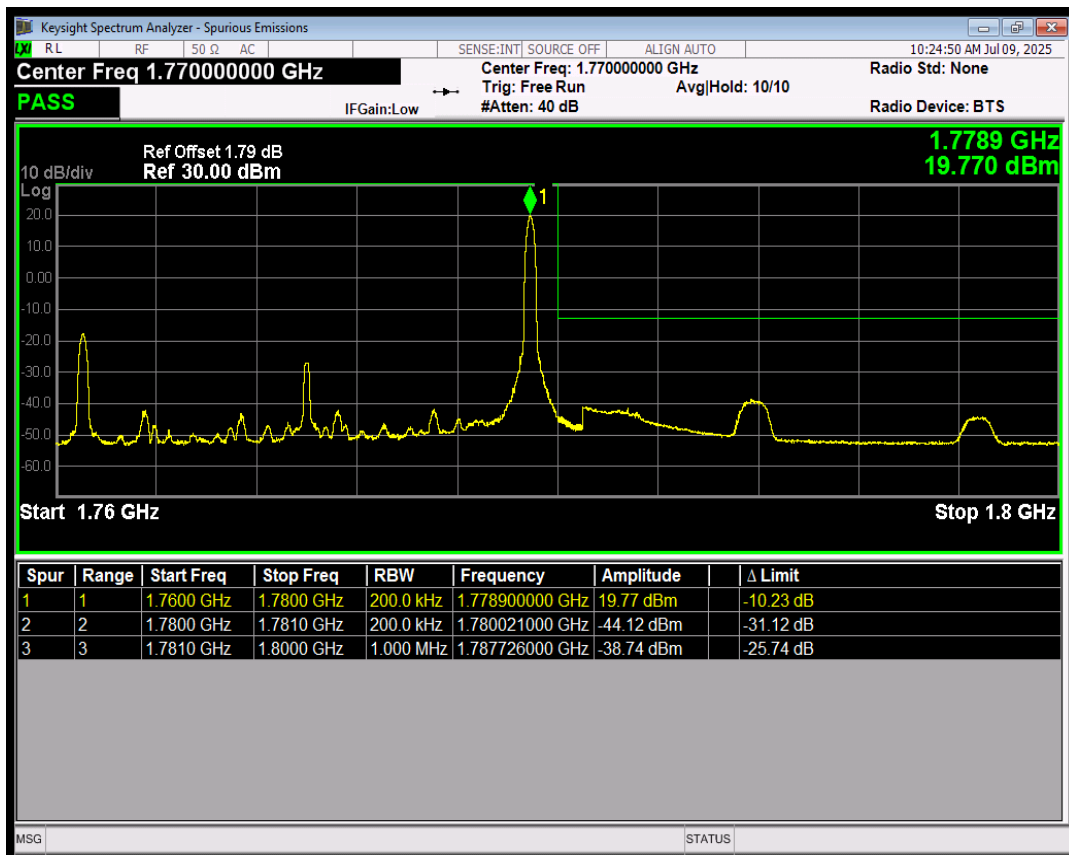
LTE Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



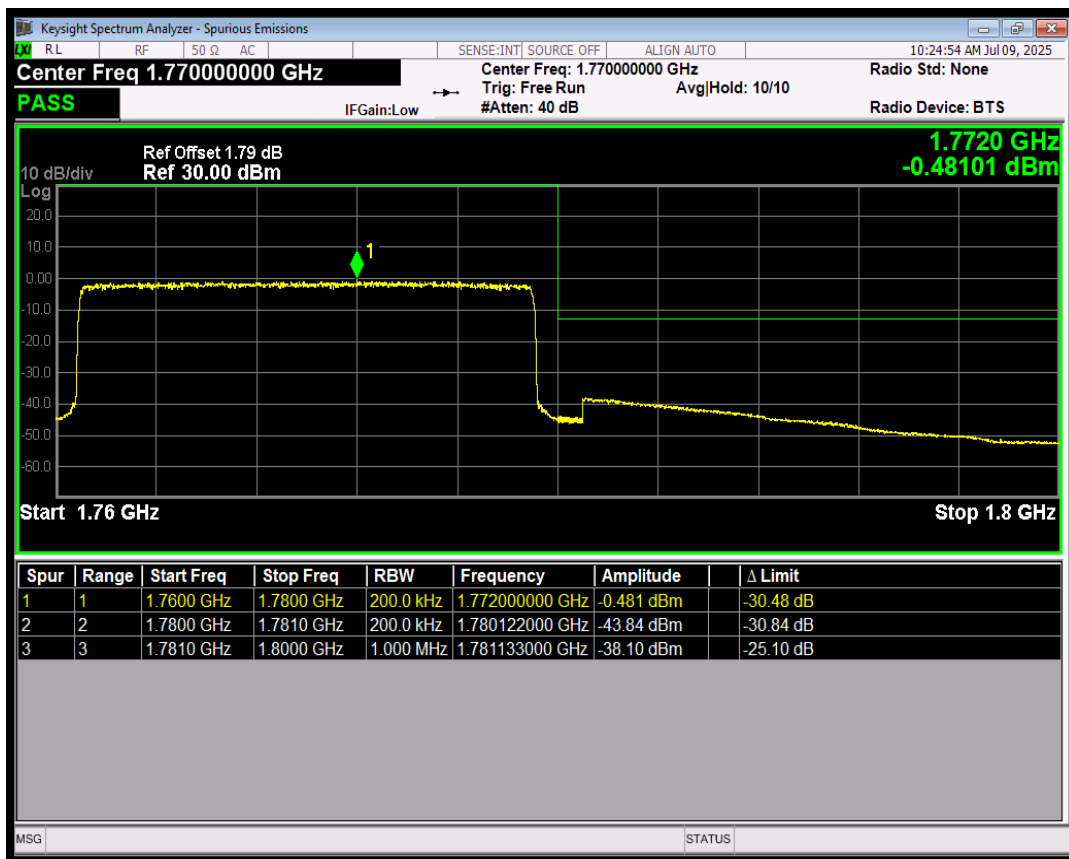
LTE Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



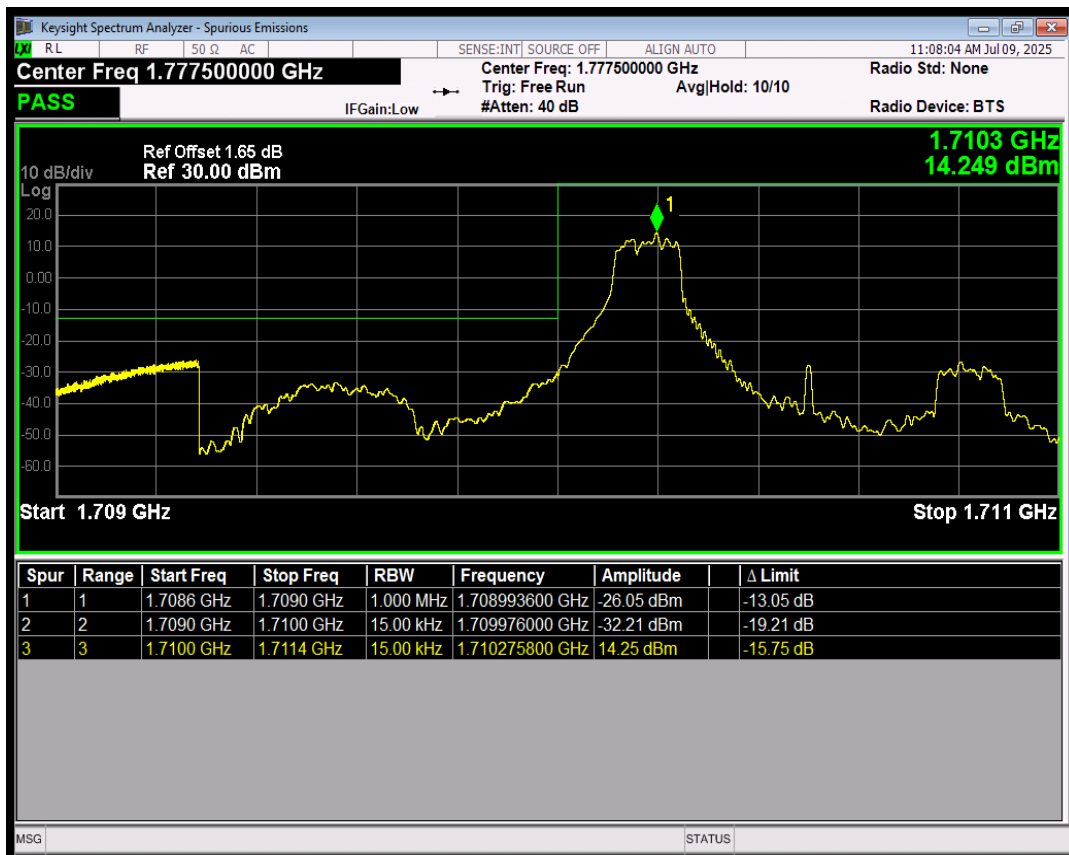
LTE Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#Max



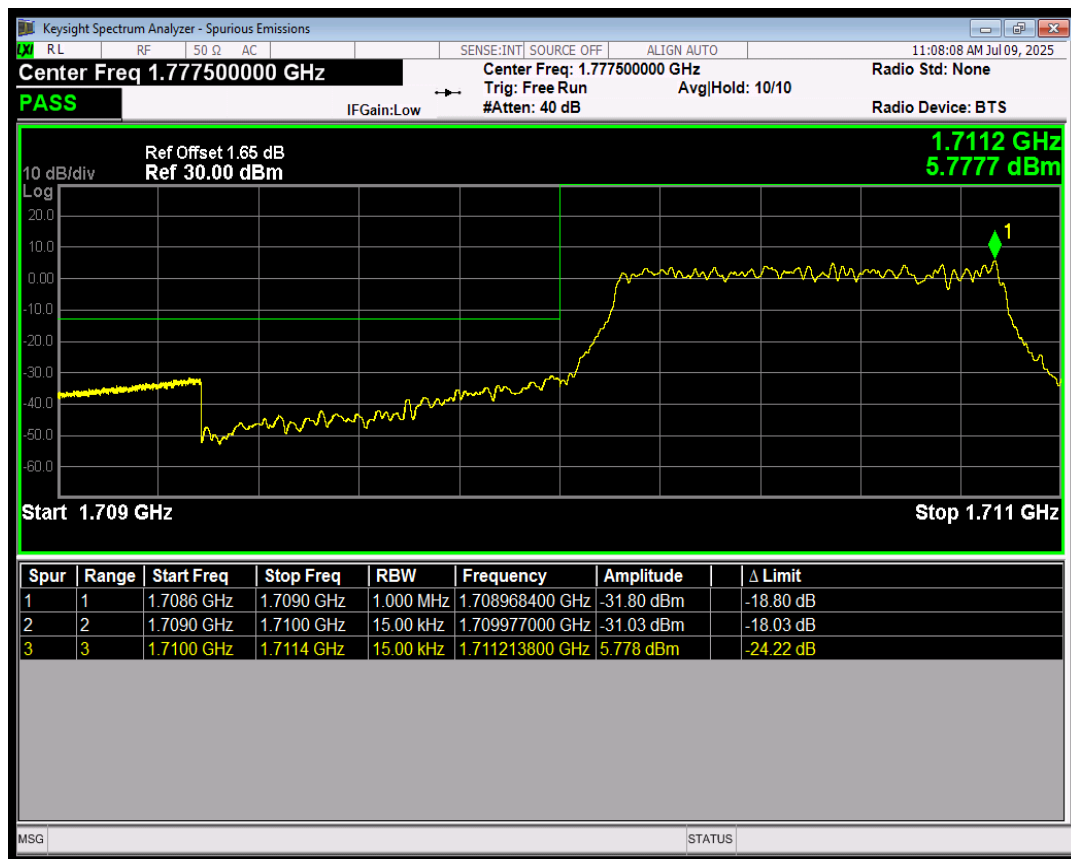
LTE Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



LTE Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=1 Position=#0



LTE Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=6 Position=#0



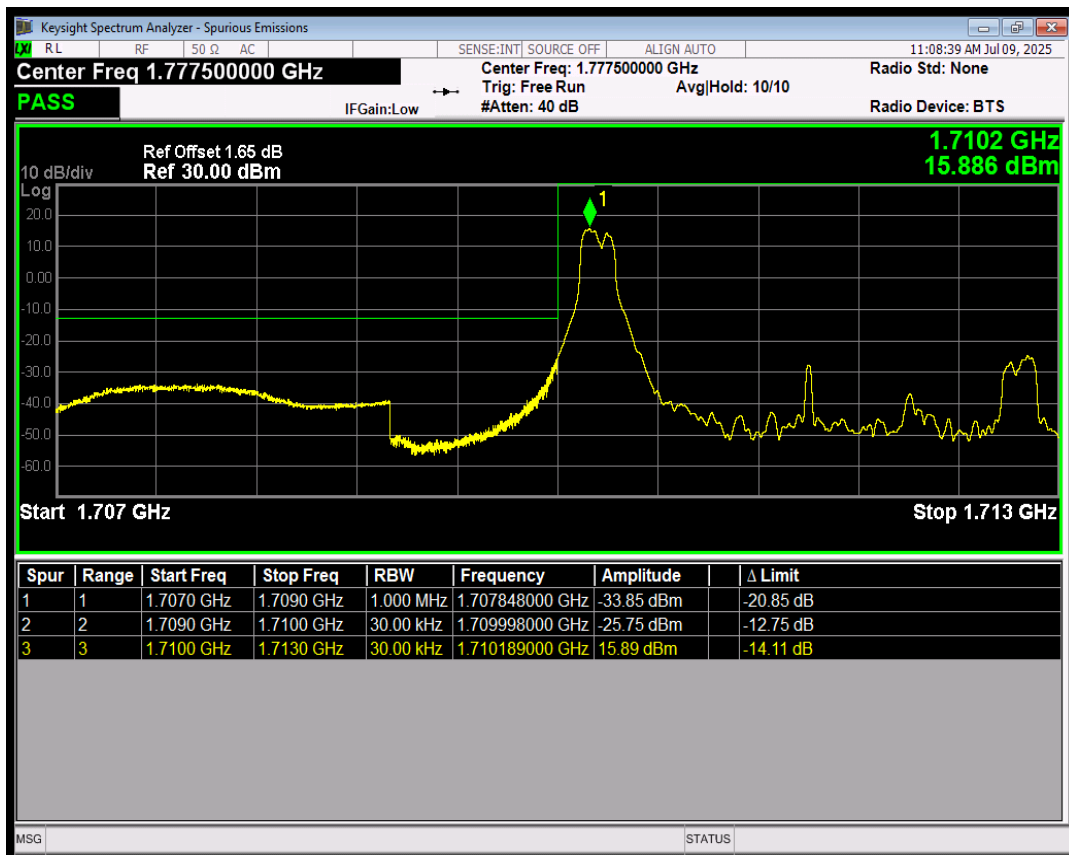
LTE Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



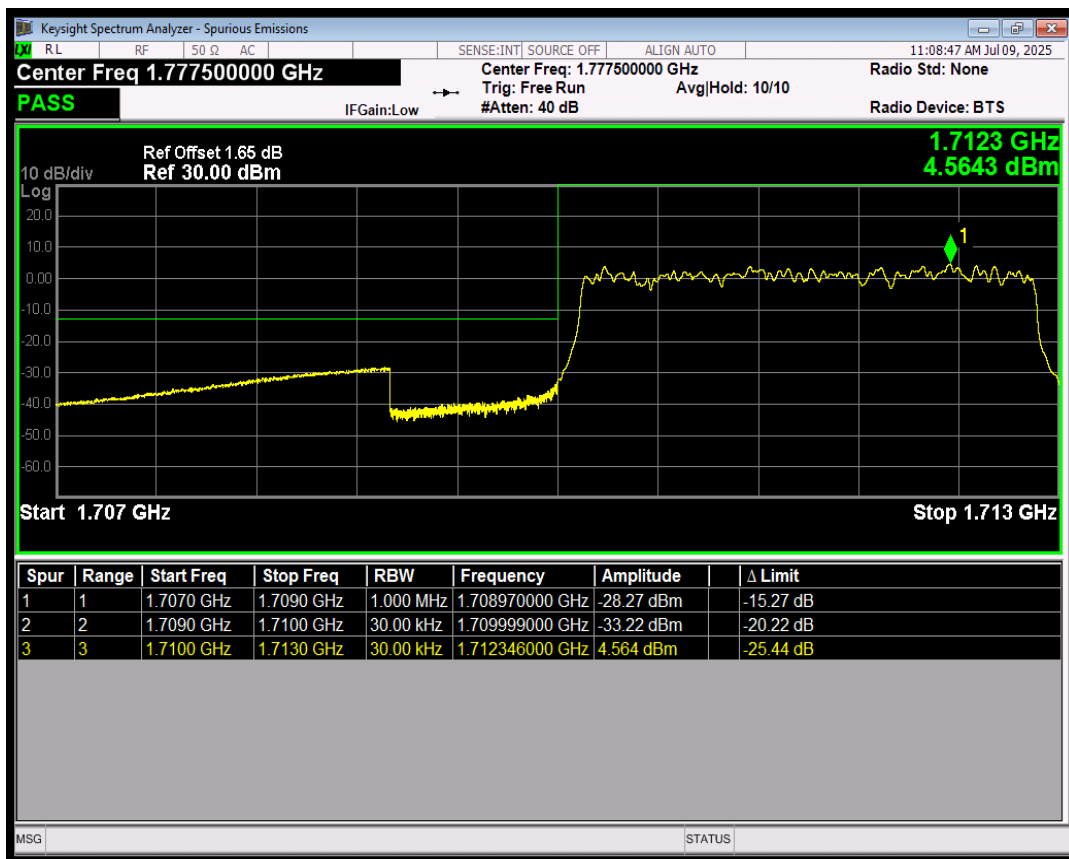
LTE Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=6 Position=#0



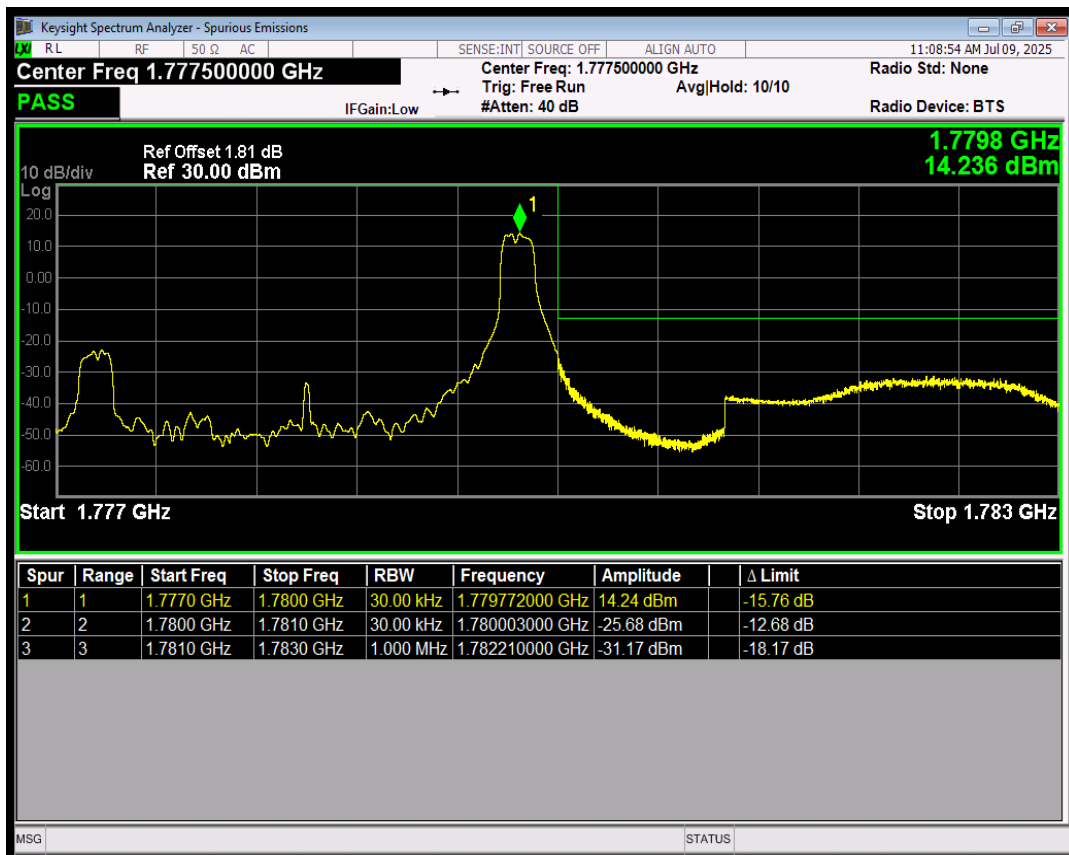
LTE Band66 QAM16 BW=3MHz Channel=131987 RB Size=1 Position=#0



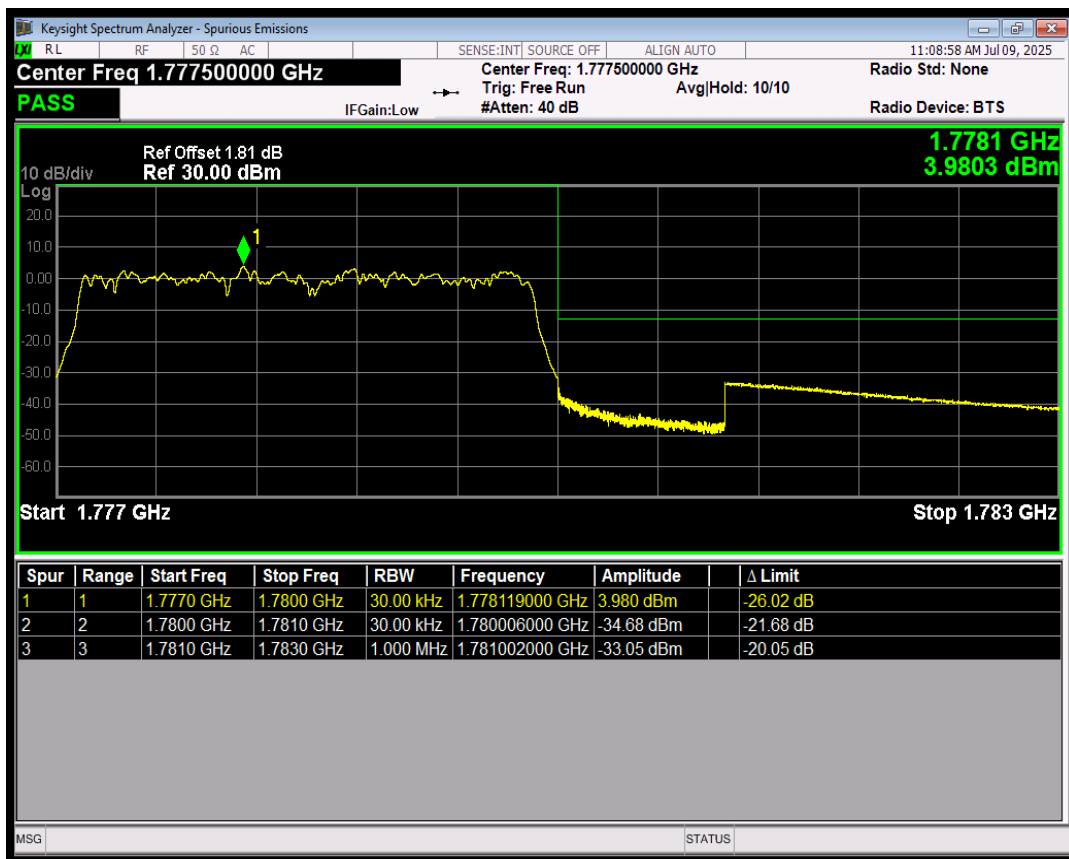
LTE Band66 QAM16 BW=3MHz Channel=131987 RB Size=15 Position=#0



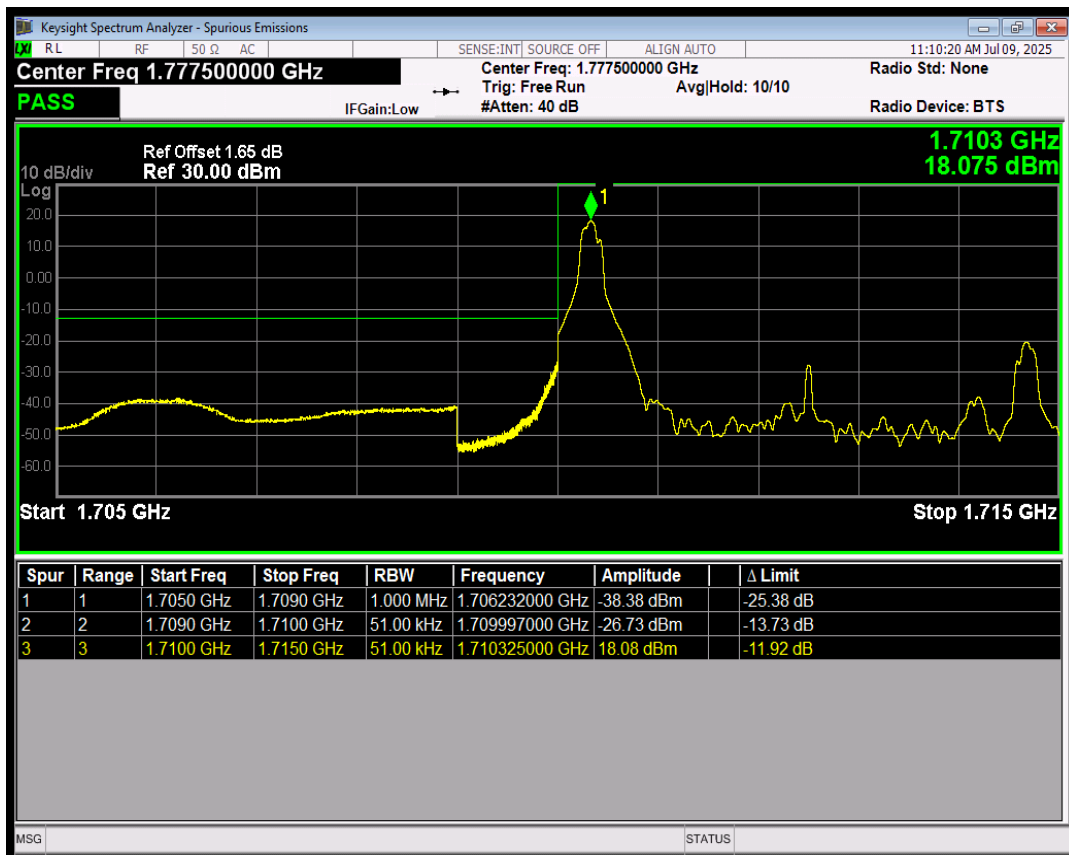
LTE Band66 QAM16 BW=3MHz Channel=132657 RB Size=1 Position=#Max



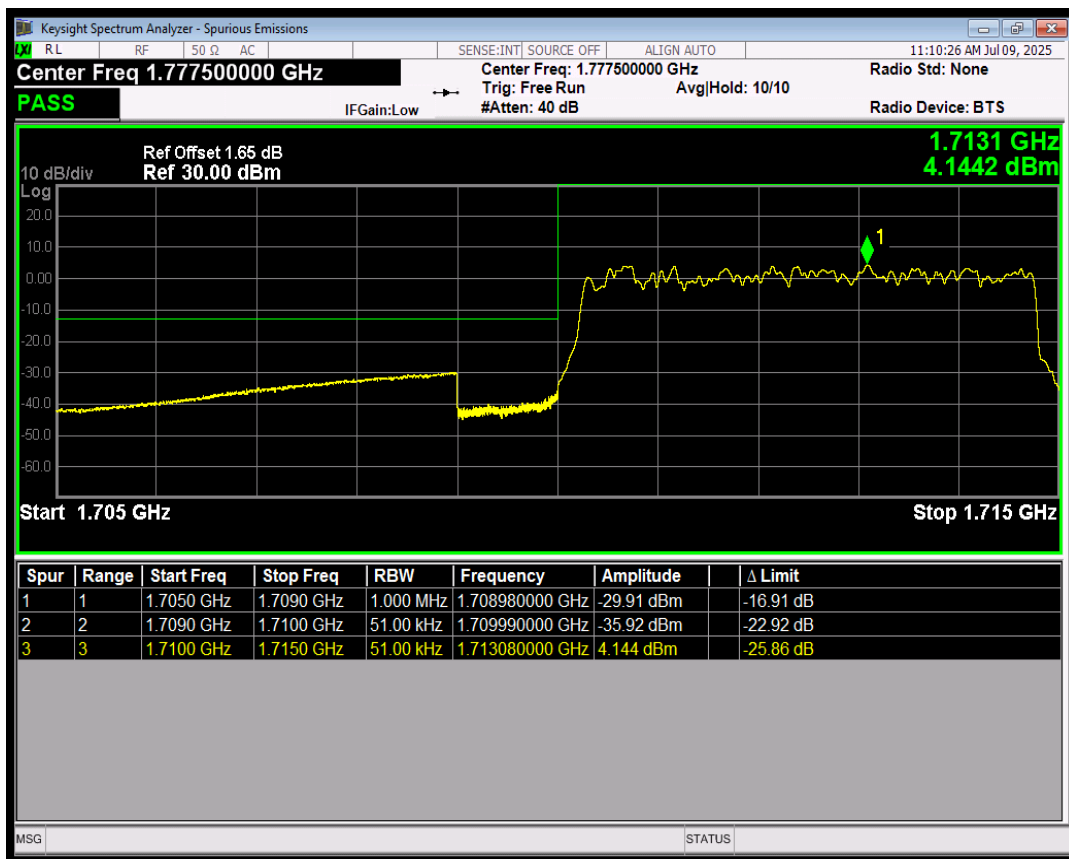
LTE Band66 QAM16 BW=3MHz Channel=132657 RB Size=15 Position=#0



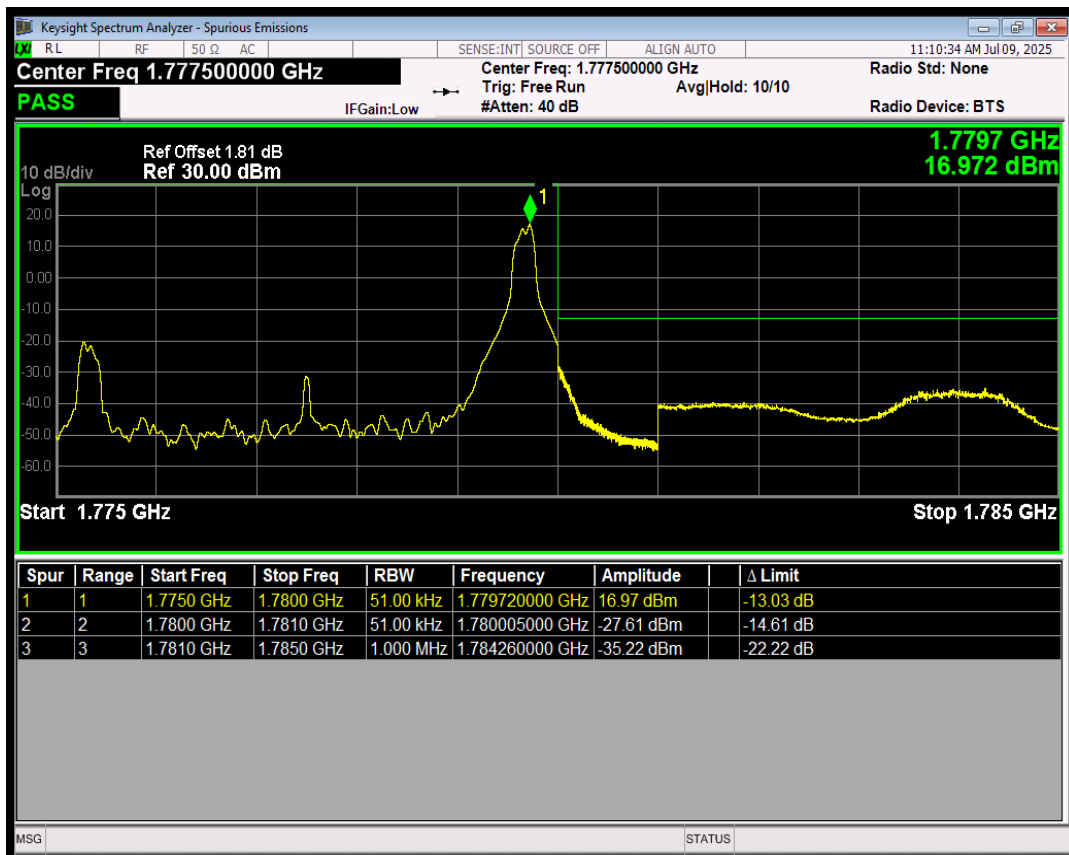
LTE Band66 QAM16 BW=5MHz Channel=131997 RB Size=1 Position=#0



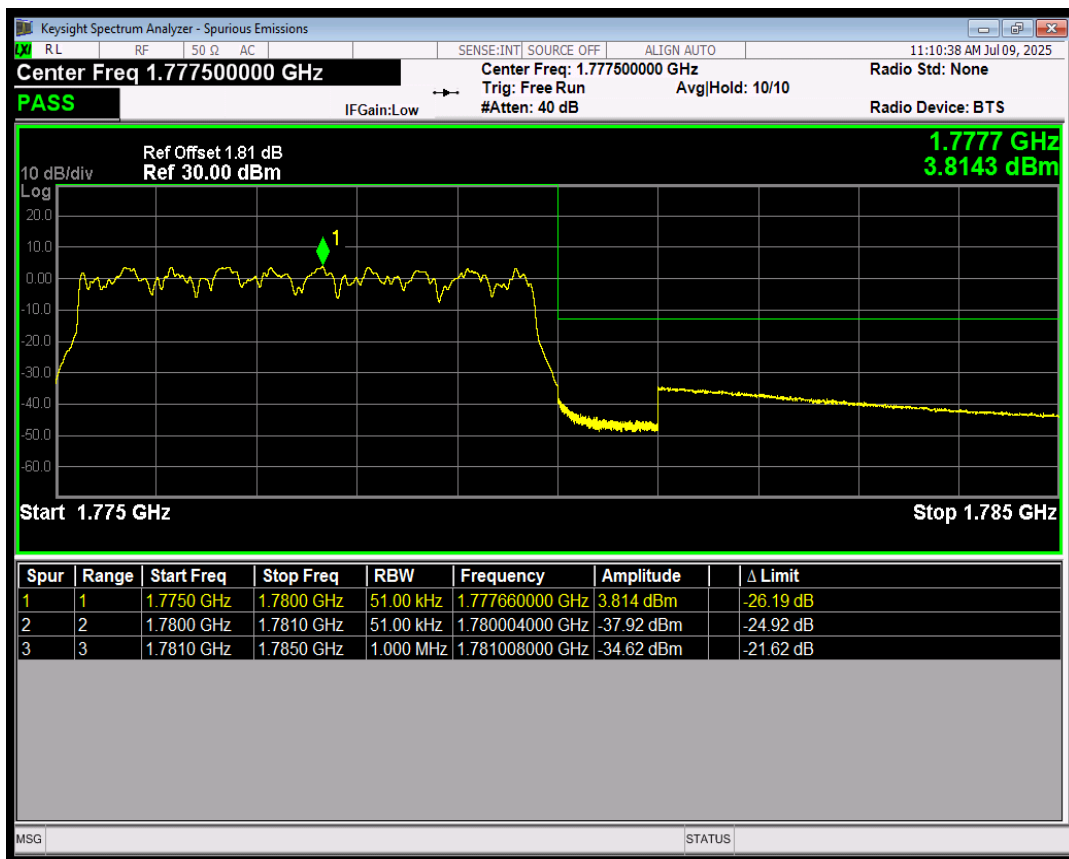
LTE Band66 QAM16 BW=5MHz Channel=131997 RB Size=25 Position=#0



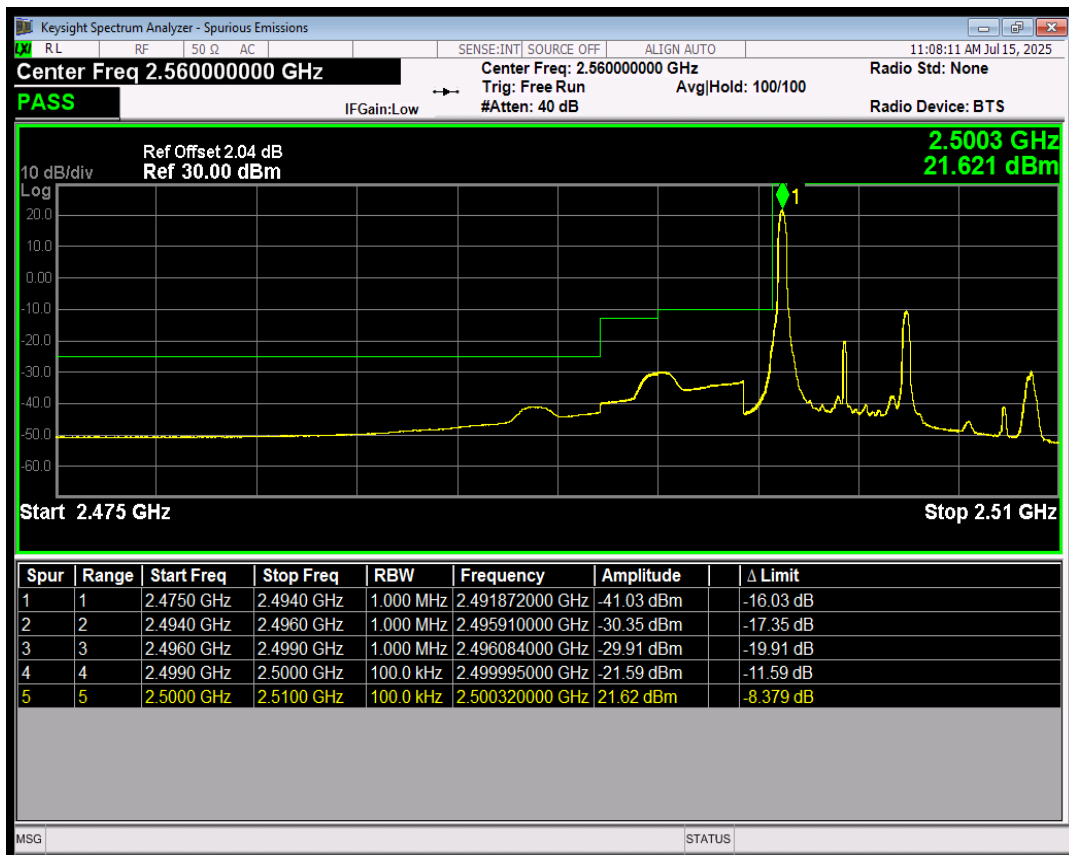
LTE Band66 QAM16 BW=5MHz Channel=132647 RB Size=1 Position=#Max



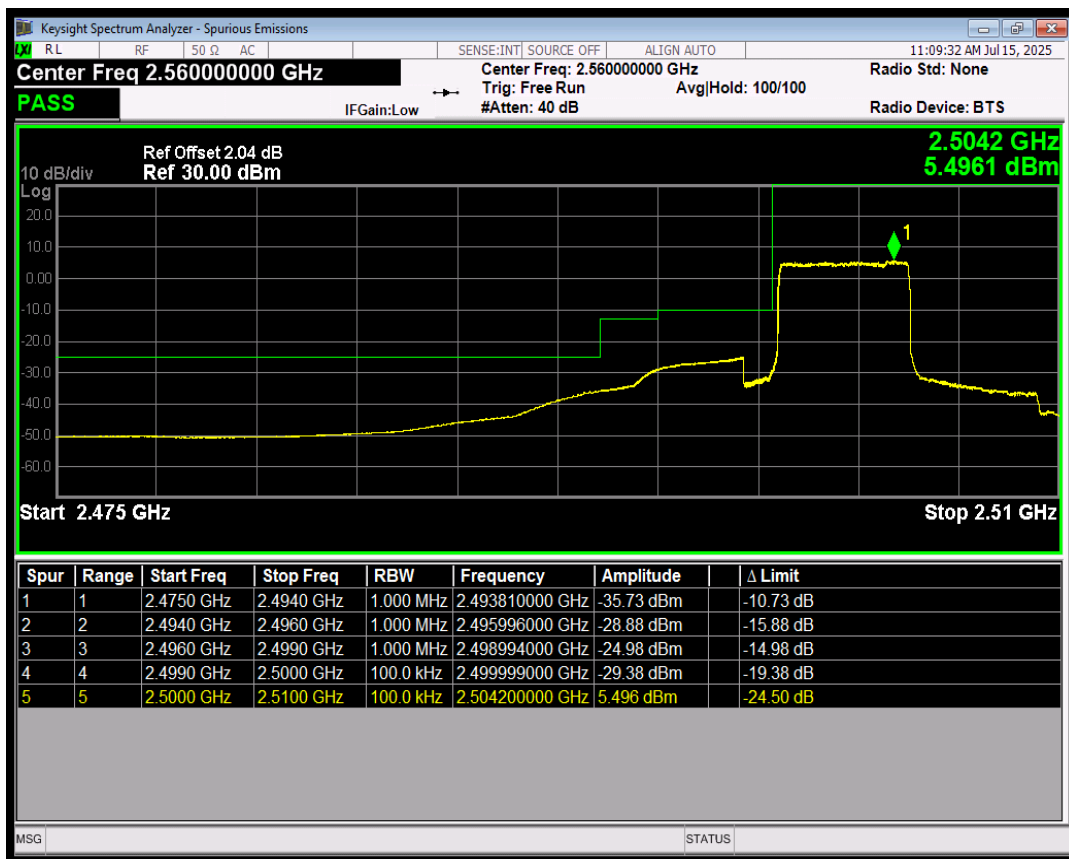
LTE Band66 QAM16 BW=5MHz Channel=132647 RB Size=25 Position=#0



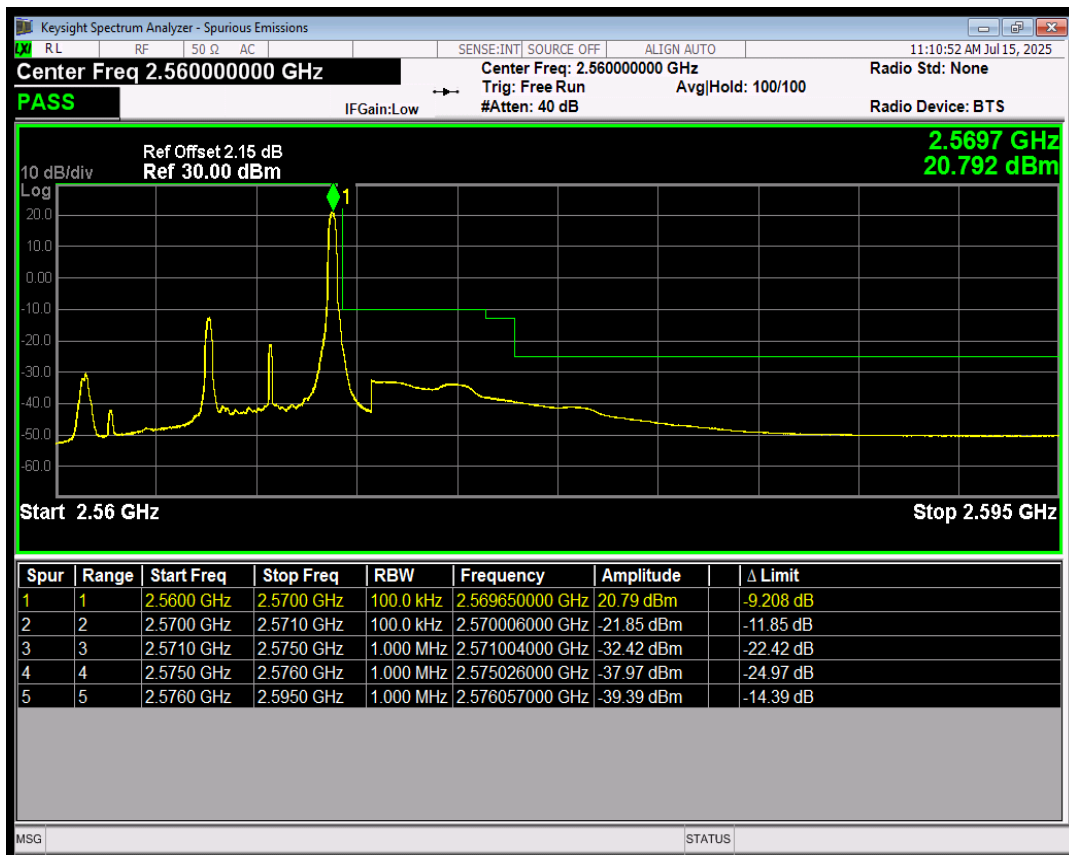
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



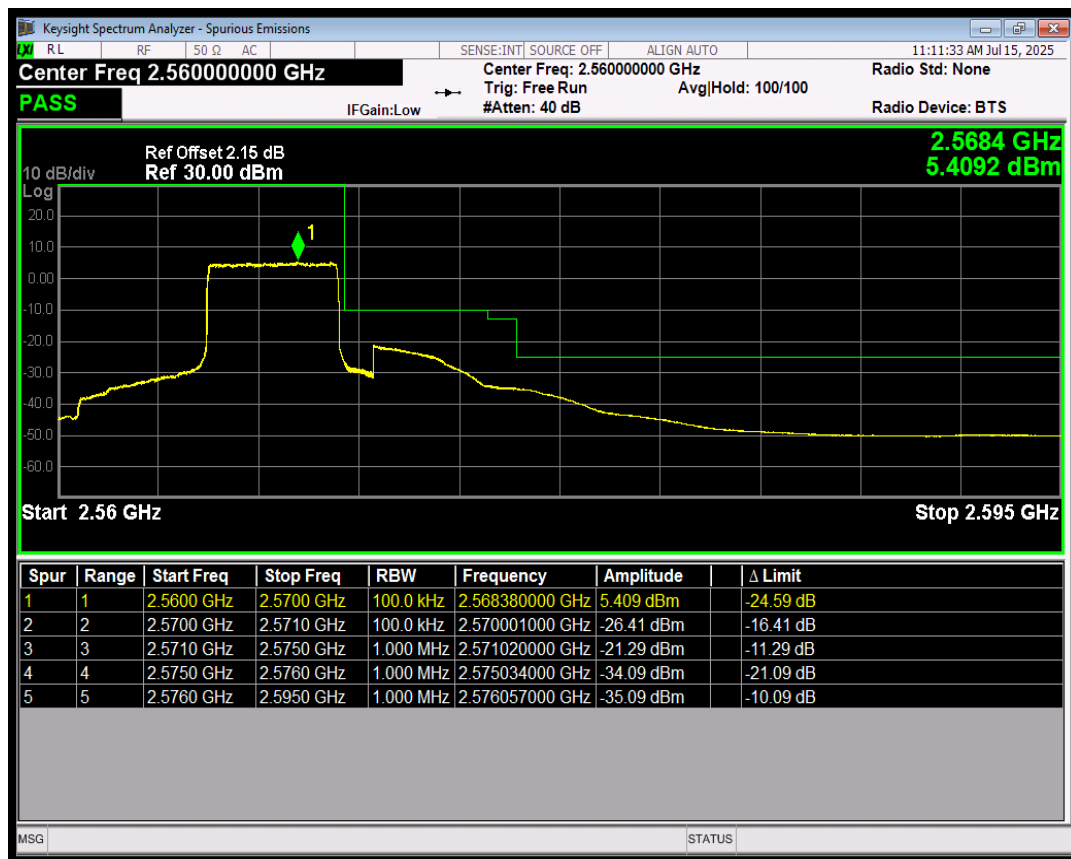
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



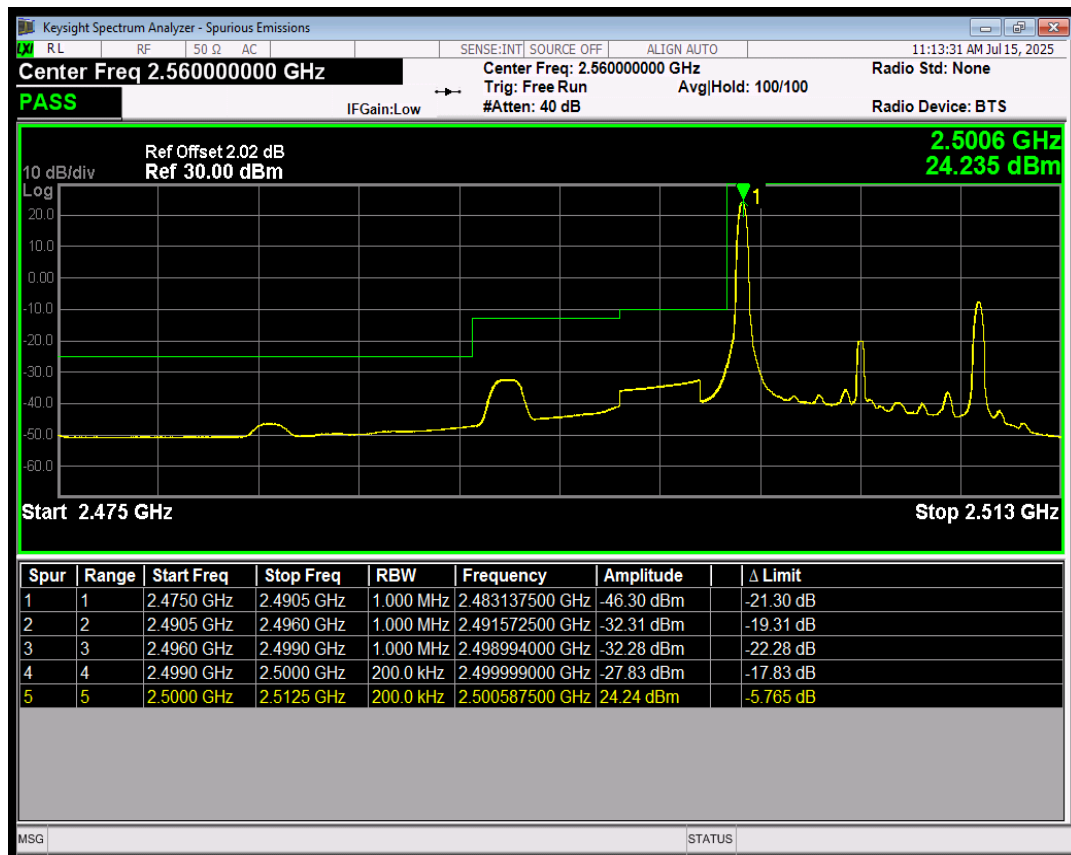
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max



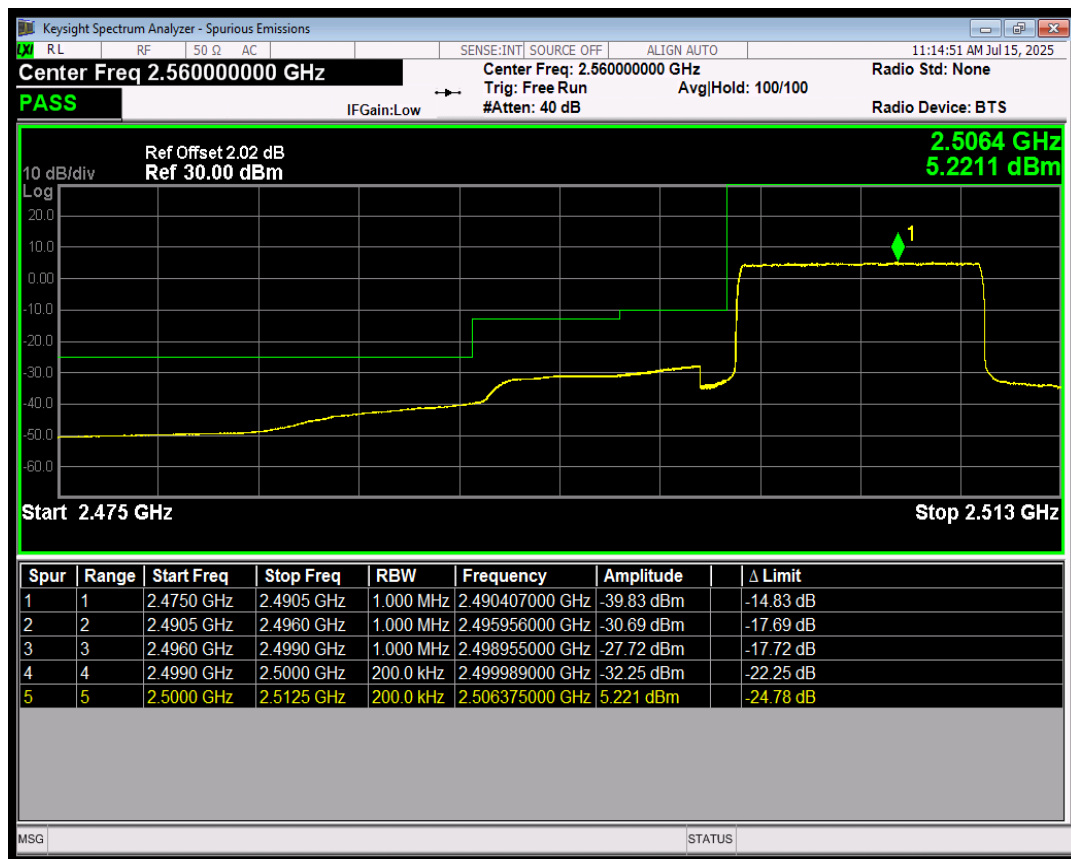
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



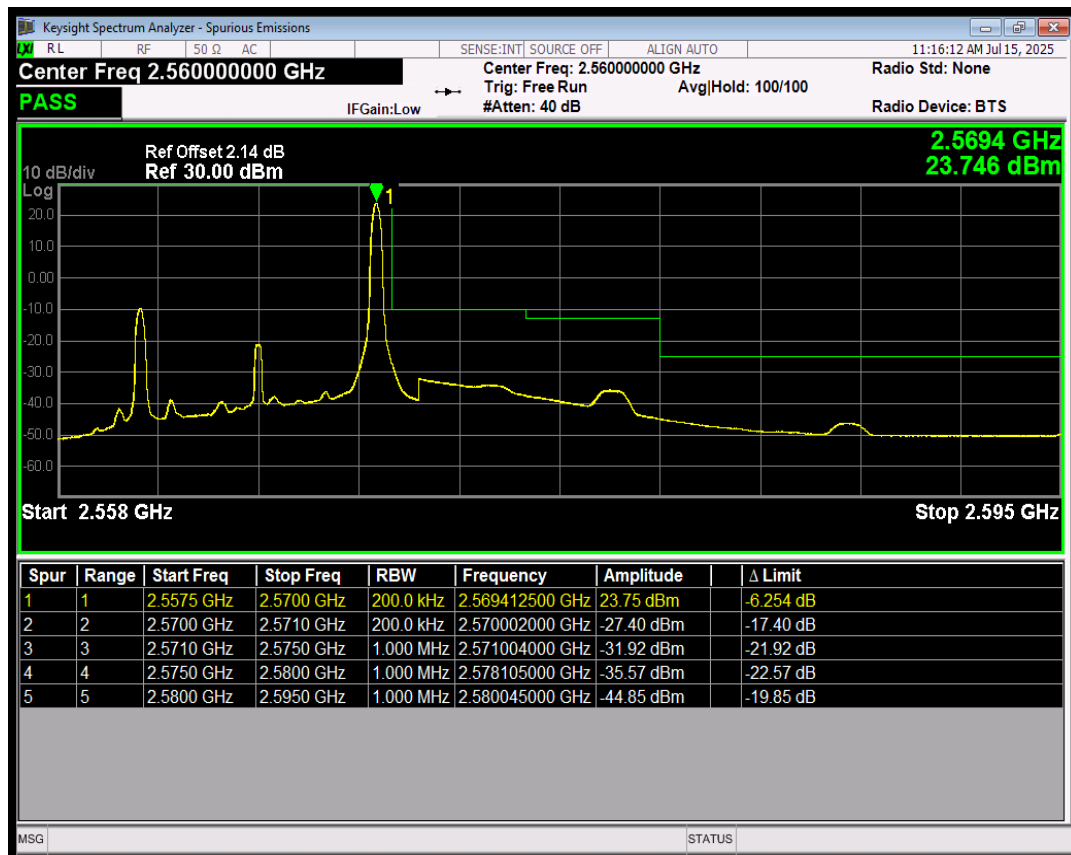
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



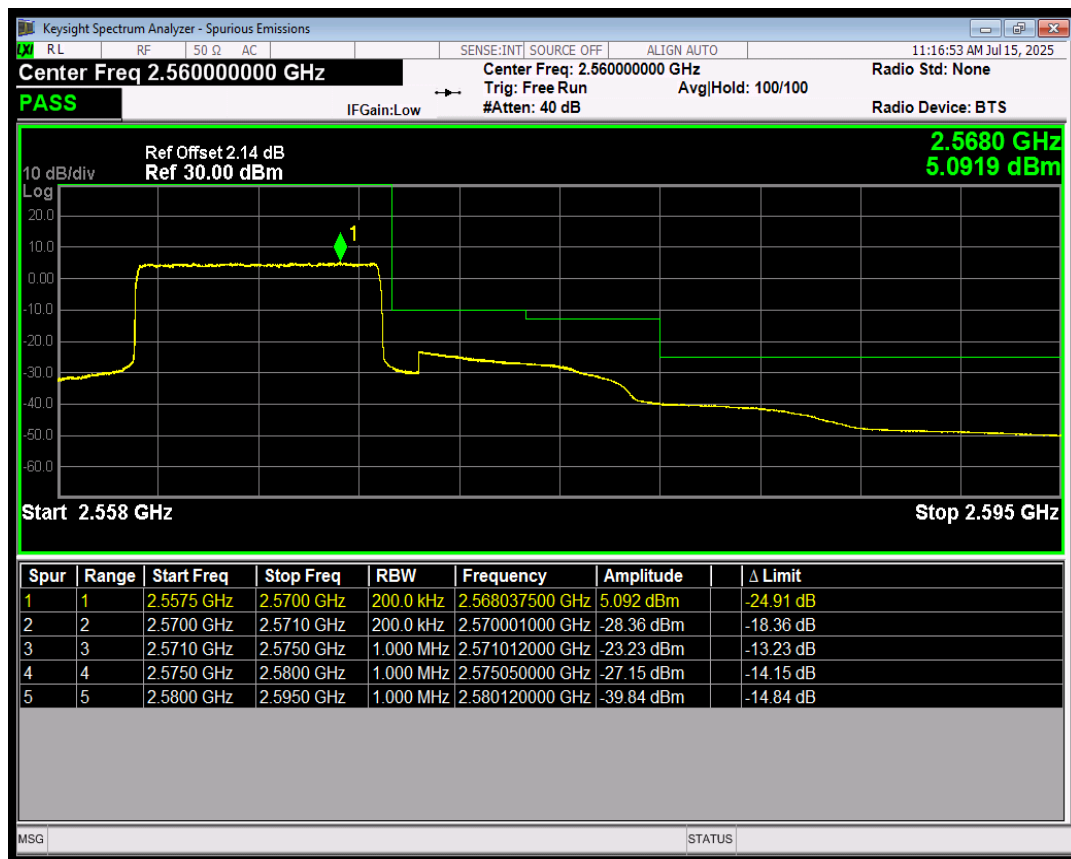
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



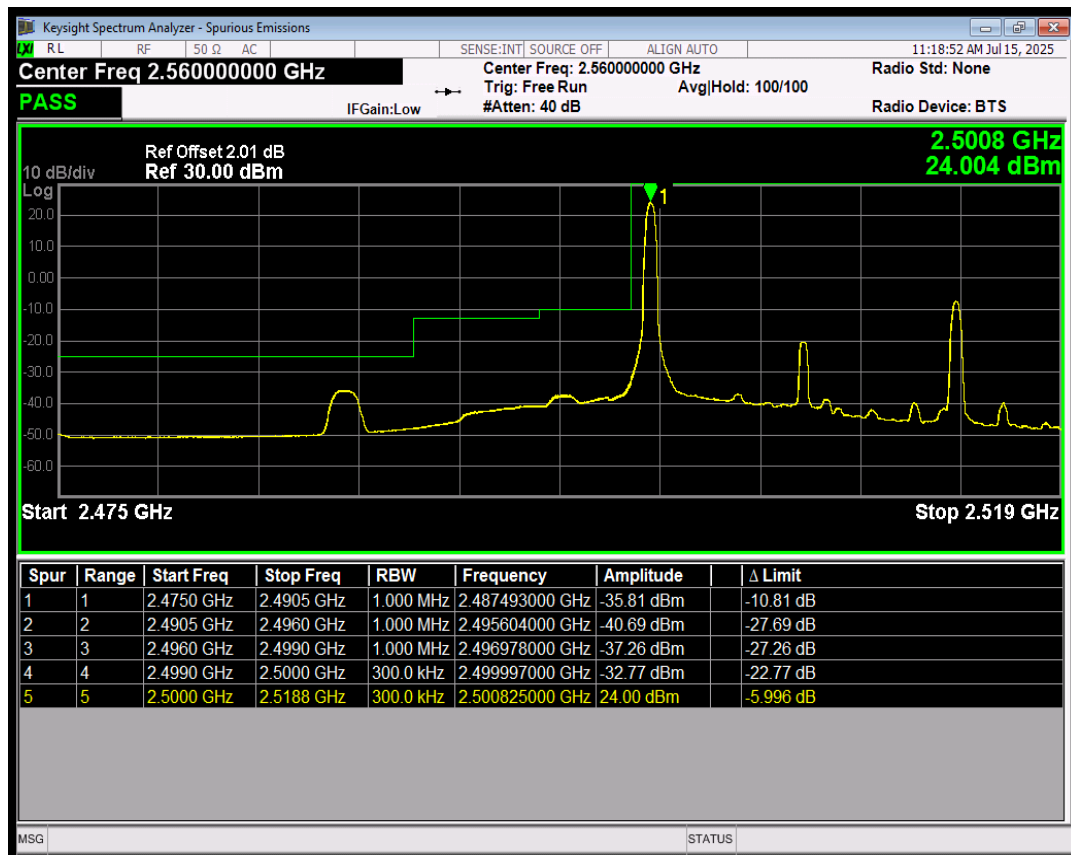
LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max



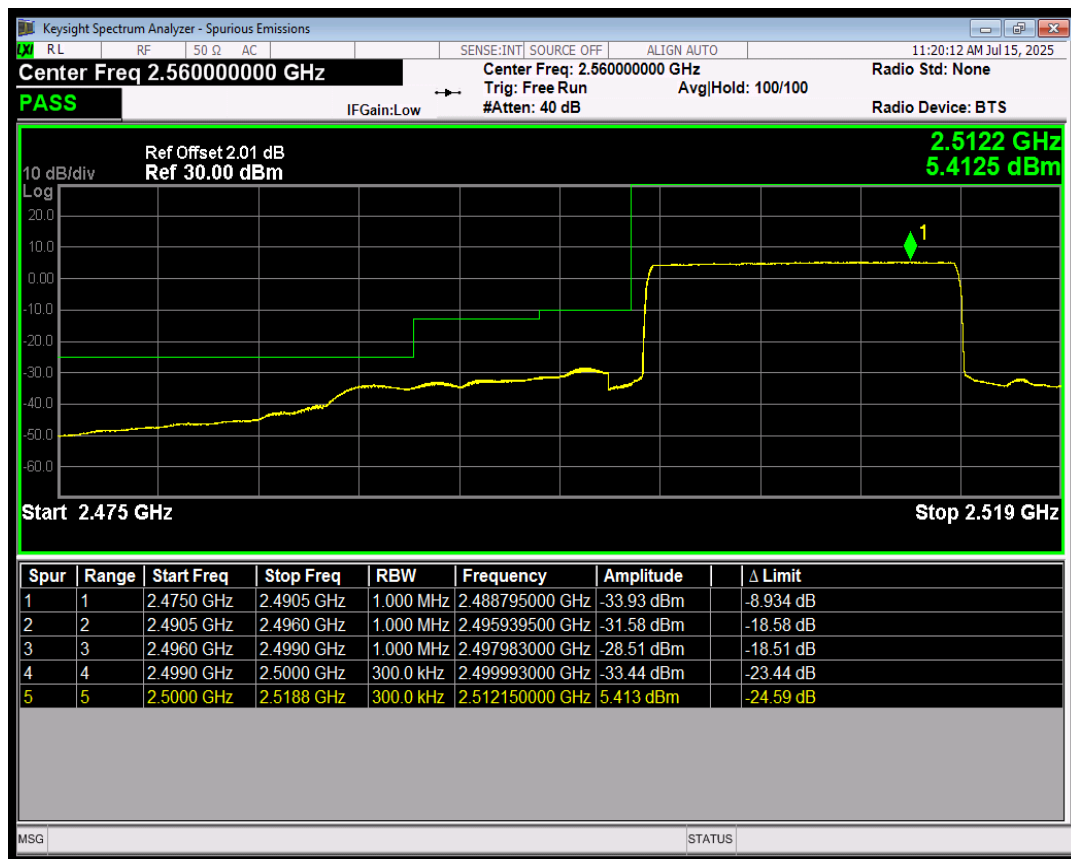
LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



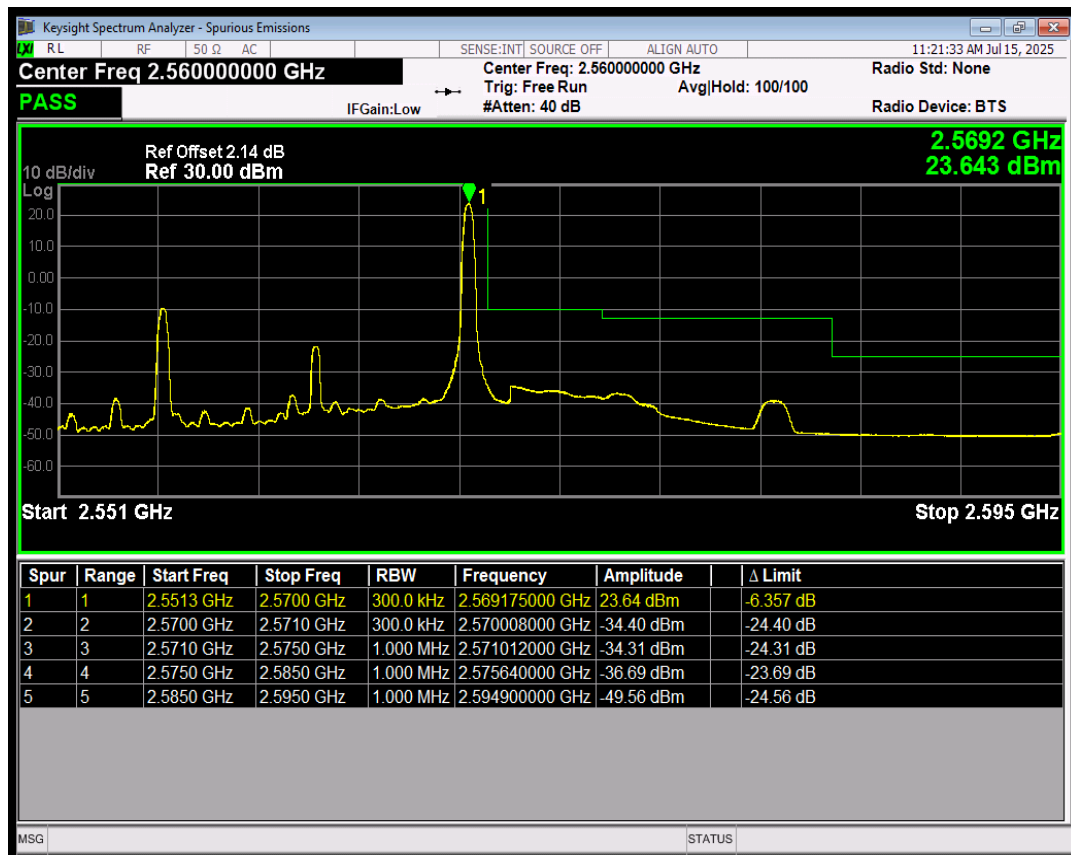
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



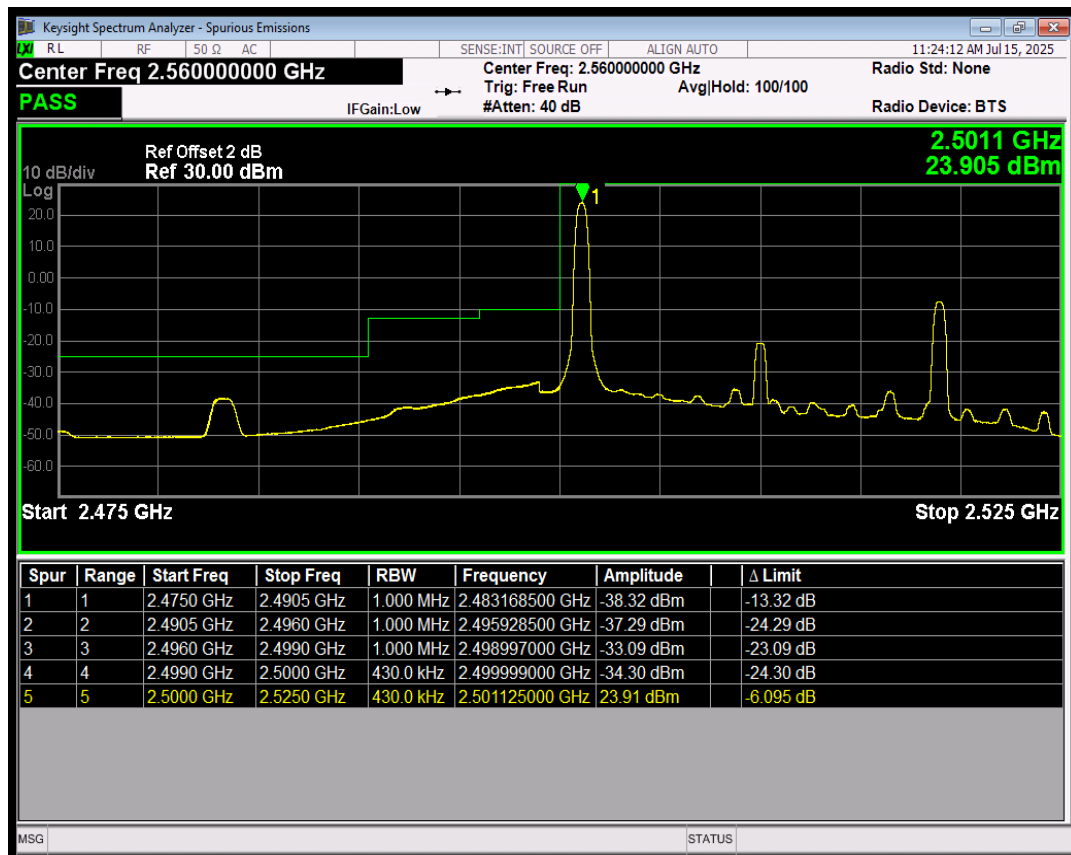
LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max



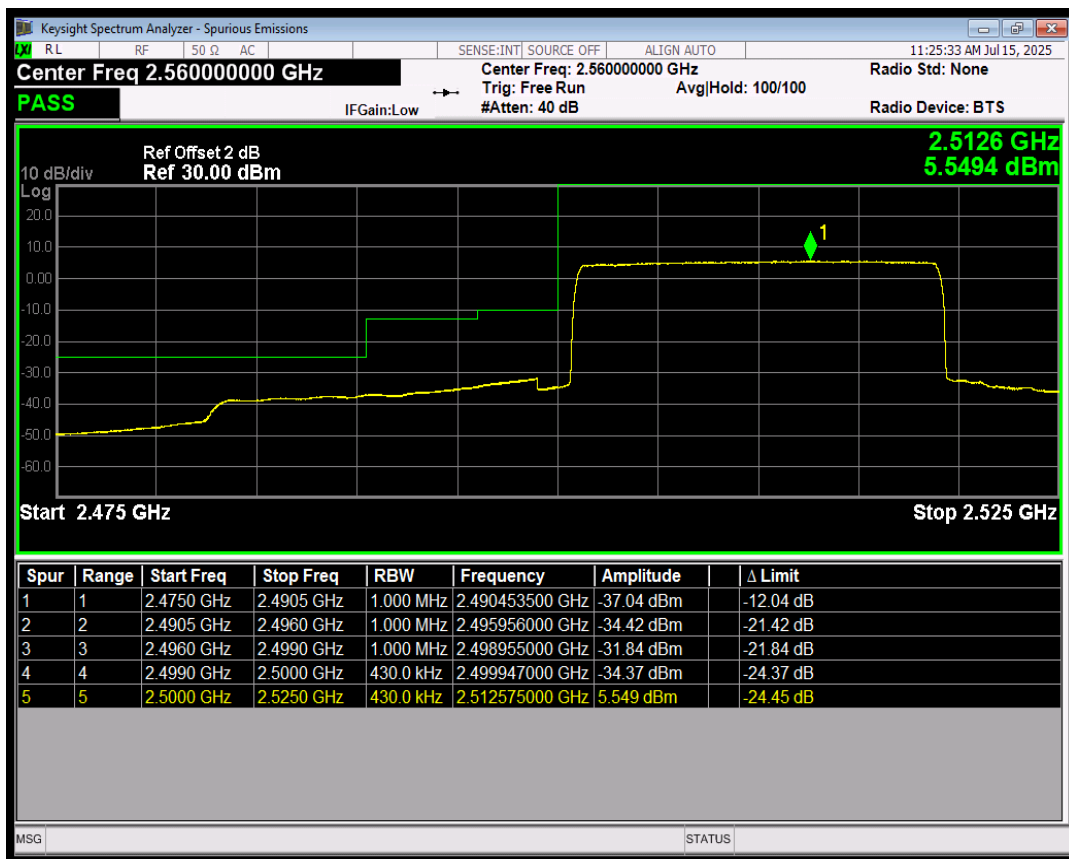
LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



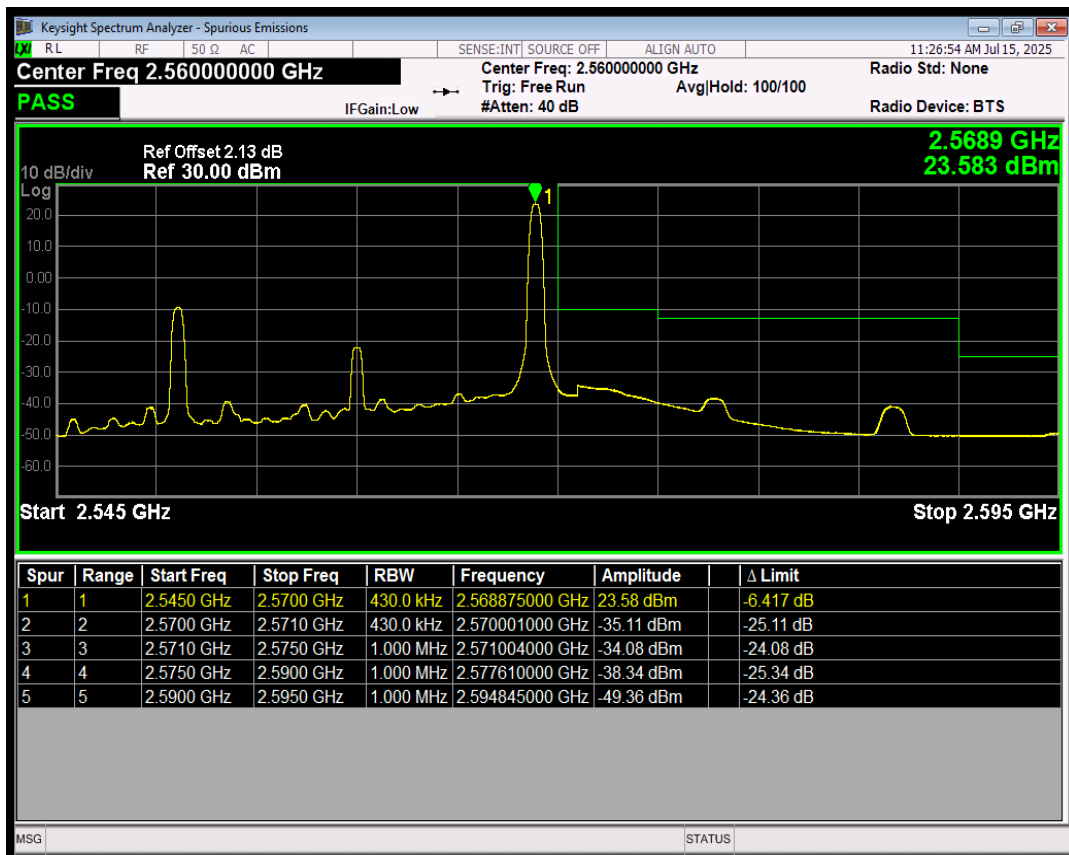
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



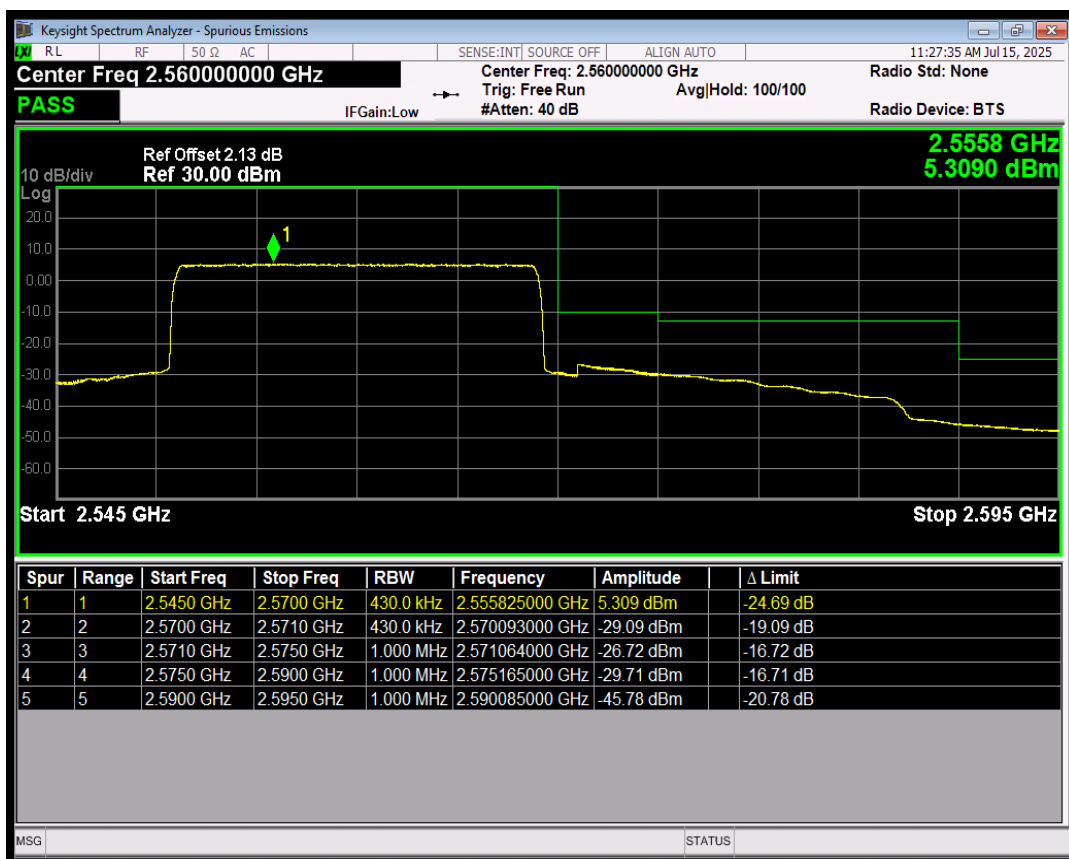
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



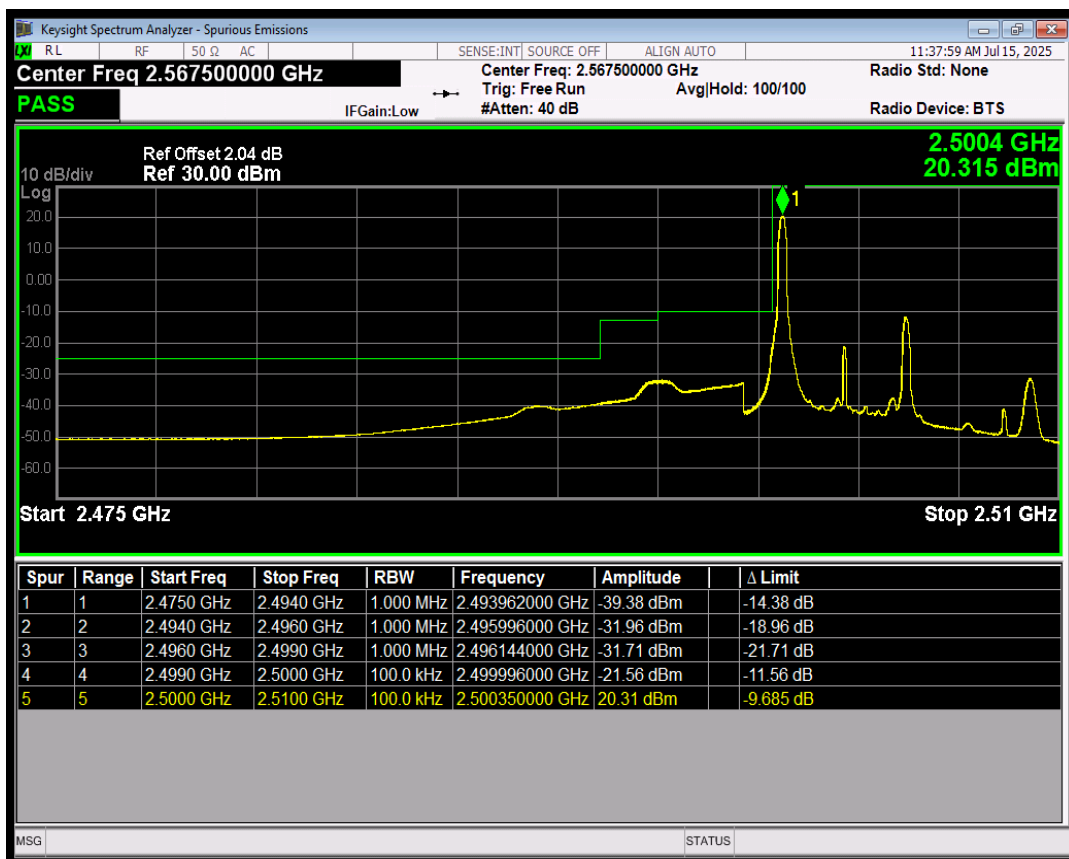
LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max



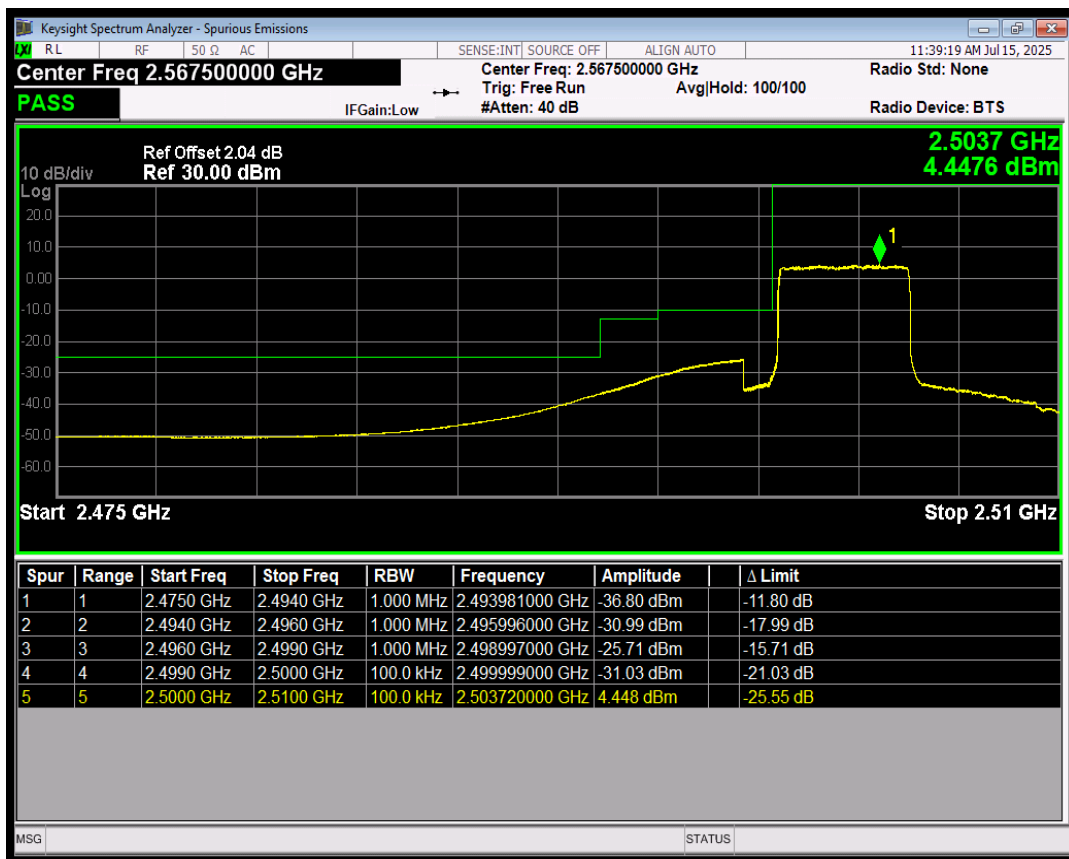
LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



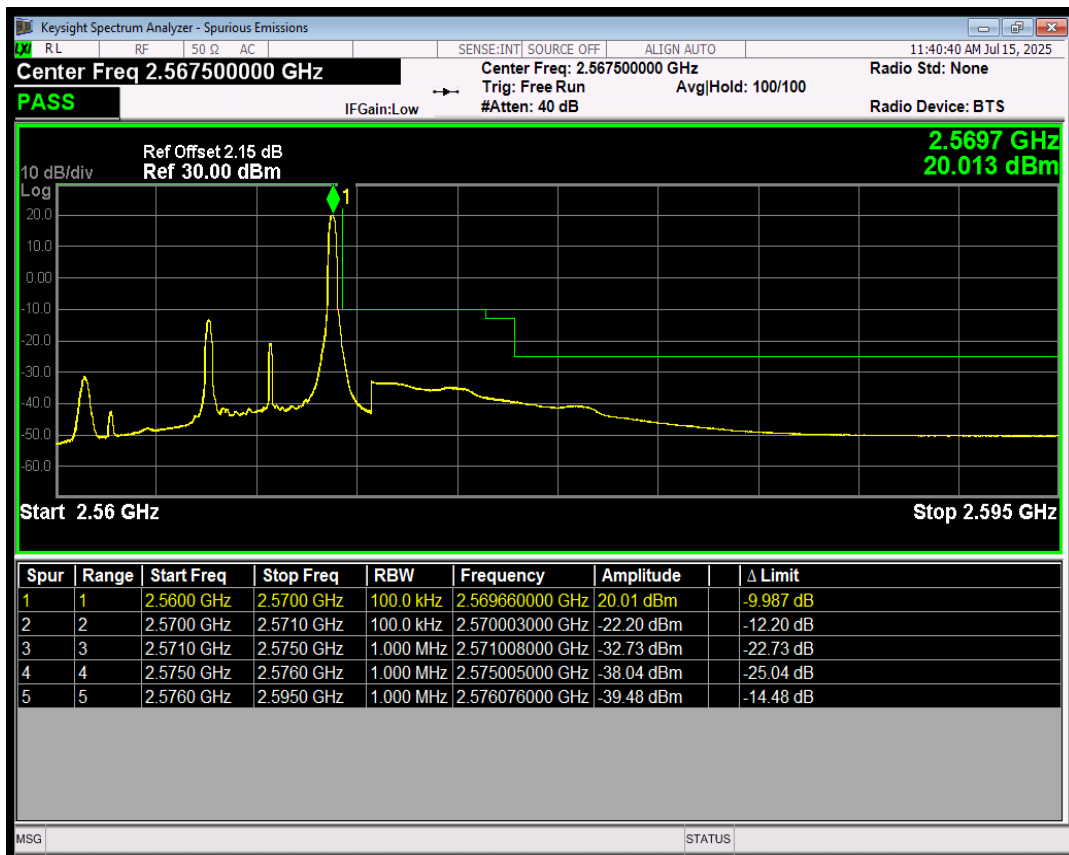
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#0



LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#Max



LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



6.4 Peak-to-Average Power Ratio (PAPR)

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak Power(dBm)	Avg Power(dBm)	Result (dB)	High Limit (dB)	Verdict
LTE Band2	1.4	18607	6	#0	QPSK	28.19	22.61	5.58	13	PASS
LTE Band2	1.4	18900	6	#0	QPSK	28.13	22.64	5.49	13	PASS
LTE Band2	1.4	19193	6	#0	QPSK	28.21	23.21	5	13	PASS
LTE Band2	3	18615	15	#0	QPSK	28.17	22.53	5.64	13	PASS
LTE Band2	3	18900	15	#0	QPSK	28.18	22.59	5.59	13	PASS
LTE Band2	3	19185	15	#0	QPSK	28.21	23.1	5.11	13	PASS
LTE Band2	5	18625	25	#0	QPSK	28.33	22.77	5.56	13	PASS
LTE Band2	5	18900	25	#0	QPSK	28.18	22.64	5.54	13	PASS
LTE Band2	5	19175	25	#0	QPSK	28.24	23.12	5.12	13	PASS
LTE Band2	10	18650	50	#0	QPSK	28.49	23.07	5.42	13	PASS
LTE Band2	10	18900	50	#0	QPSK	28.17	22.73	5.44	13	PASS
LTE Band2	10	19150	50	#0	QPSK	28.44	23.31	5.13	13	PASS
LTE Band2	15	18675	75	#0	QPSK	28.97	23.14	5.83	13	PASS
LTE Band2	15	18900	75	#0	QPSK	28.46	22.58	5.88	13	PASS
LTE Band2	15	19125	75	#0	QPSK	28.91	23.41	5.5	13	PASS
LTE Band2	20	18700	100	#0	QPSK	28.87	23.4	5.47	13	PASS
LTE Band2	20	18900	100	#0	QPSK	28.23	22.61	5.62	13	PASS
LTE Band2	20	19100	100	#0	QPSK	29.06	23.75	5.31	13	PASS
LTE Band2	1.4	18607	6	#0	QAM16	28.25	21.92	6.33	13	PASS
LTE Band2	1.4	18900	6	#0	QAM16	28.24	22.02	6.22	13	PASS
LTE Band2	1.4	19193	6	#0	QAM16	28.43	22.66	5.77	13	PASS
LTE Band2	3	18615	15	#0	QAM16	28.4	22	6.4	13	PASS
LTE Band2	3	18900	15	#0	QAM16	28.28	21.96	6.32	13	PASS
LTE Band2	3	19185	15	#0	QAM16	28.39	22.51	5.88	13	PASS
LTE Band2	5	18625	25	#0	QAM16	28.33	22.1	6.23	13	PASS
LTE Band2	5	18900	25	#0	QAM16	28.24	22	6.24	13	PASS
LTE Band2	5	19175	25	#0	QAM16	28.36	22.54	5.82	13	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak Power(dBm)	Avg Power(dBm)	Result (dB)	High Limit (dB)	Verdict
LTE Band4	1.4	19957	6	#0	QPSK	28.08	23.05	5.03	13	PASS
LTE Band4	1.4	20175	6	#0	QPSK	26.84	21.47	5.37	13	PASS
LTE Band4	1.4	20393	6	#0	QPSK	27.81	22.73	5.08	13	PASS
LTE Band4	3	19965	15	#0	QPSK	28.12	23.09	5.03	13	PASS
LTE Band4	3	20175	15	#0	QPSK	26.83	21.47	5.36	13	PASS
LTE Band4	3	20385	15	#0	QPSK	27.8	22.67	5.13	13	PASS
LTE Band4	5	19975	25	#0	QPSK	28.03	22.87	5.16	13	PASS

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LTE Band4	5	20175	25	#0	QPSK	26.92	21.44	5.48	13	PASS
LTE Band4	5	20375	25	#0	QPSK	27.86	22.66	5.2	13	PASS
LTE Band4	10	20000	50	#0	QPSK	27.95	22.69	5.26	13	PASS
LTE Band4	10	20175	50	#0	QPSK	26.94	21.47	5.47	13	PASS
LTE Band4	10	20350	50	#0	QPSK	27.71	22.49	5.22	13	PASS
LTE Band4	15	20025	75	#0	QPSK	27.92	22.29	5.63	13	PASS
LTE Band4	15	20175	75	#0	QPSK	27.18	21.4	5.78	13	PASS
LTE Band4	15	20325	75	#0	QPSK	27.9	22.32	5.58	13	PASS
LTE Band4	20	20050	100	#0	QPSK	27.38	21.91	5.47	13	PASS
LTE Band4	20	20175	100	#0	QPSK	26.98	21.43	5.55	13	PASS
LTE Band4	20	20300	100	#0	QPSK	27.57	22.1	5.47	13	PASS
LTE Band4	1.4	19957	6	#0	QAM16	28.05	22.17	5.88	13	PASS
LTE Band4	1.4	20175	6	#0	QAM16	26.93	20.78	6.15	13	PASS
LTE Band4	1.4	20393	6	#0	QAM16	27.86	21.96	5.9	13	PASS
LTE Band4	3	19965	15	#0	QAM16	28.15	22.2	5.95	13	PASS
LTE Band4	3	20175	15	#0	QAM16	26.97	20.74	6.23	13	PASS
LTE Band4	3	20385	15	#0	QAM16	27.9	21.96	5.94	13	PASS
LTE Band4	5	19975	25	#0	QAM16	28.05	22.16	5.89	13	PASS
LTE Band4	5	20175	25	#0	QAM16	26.99	20.83	6.16	13	PASS
LTE Band4	5	20375	25	#0	QAM16	27.86	21.94	5.92	13	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak Power(dBm)	Avg Power(dBm)	Result (dB)	High Limit (dB)	Verdict
Band5	1.4	20407	6	#0	QPSK	27.97	22.63	5.34	13	PASS
Band5	1.4	20525	6	#0	QPSK	27.63	22.25	5.38	13	PASS
Band5	1.4	20643	6	#0	QPSK	27.33	22.06	5.27	13	PASS
Band5	3	20415	15	#0	QPSK	27.92	22.52	5.4	13	PASS
Band5	3	20525	15	#0	QPSK	27.67	22.26	5.41	13	PASS
Band5	3	20635	15	#0	QPSK	27.61	22.24	5.37	13	PASS
Band5	5	20425	25	#0	QPSK	27.91	22.56	5.35	13	PASS
Band5	5	20525	25	#0	QPSK	27.66	22.34	5.32	13	PASS
Band5	5	20625	25	#0	QPSK	27.73	22.45	5.28	13	PASS
Band5	10	20450	50	#0	QPSK	27.9	22.59	5.31	13	PASS
Band5	10	20525	50	#0	QPSK	27.78	22.34	5.44	13	PASS
Band5	10	20600	50	#0	QPSK	27.93	22.43	5.5	13	PASS
Band5	1.4	20407	6	#0	16QAM	27.96	21.71	6.25	13	PASS
Band5	1.4	20525	6	#0	16QAM	27.61	21.33	6.28	13	PASS
Band5	1.4	20643	6	#0	16QAM	27.38	21.14	6.24	13	PASS
Band5	3	20415	15	#0	16QAM	27.72	21.59	6.13	13	PASS
Band5	3	20525	15	#0	16QAM	27.59	21.31	6.28	13	PASS
Band5	3	20635	15	#0	16QAM	27.4	21.23	6.17	13	PASS
Band5	5	20425	25	#0	16QAM	27.68	21.58	6.1	13	PASS
Band5	5	20525	25	#0	16QAM	27.44	21.37	6.07	13	PASS

Band5	5	20625	25	#0	16QAM	27.45	21.43	6.02	13	PASS
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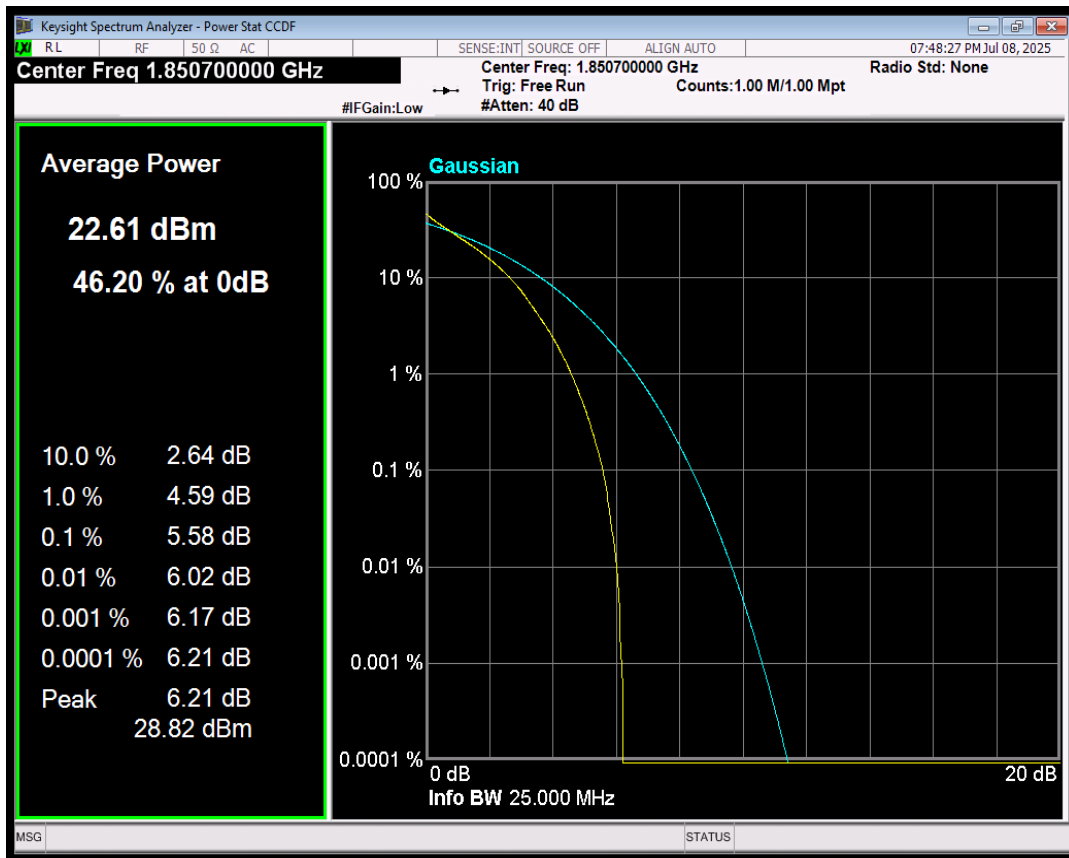
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak Power(dBm)	Avg Power(dBm)	Result (dB)	High Limit (dB)	Verdict
LTE Band7	5	20775	25	#0	QPSK	29.02	23.95	5.07	13	PASS
LTE Band7	5	21100	25	#0	QPSK	30.02	25.19	4.83	13	PASS
LTE Band7	5	21425	25	#0	QPSK	28.73	23.76	4.97	13	PASS
LTE Band7	10	20800	50	#0	QPSK	28.75	23.59	5.16	13	PASS
LTE Band7	10	21100	50	#0	QPSK	29.95	25.18	4.77	13	PASS
LTE Band7	10	21400	50	#0	QPSK	28.43	23.4	5.03	13	PASS
LTE Band7	15	20825	75	#0	QPSK	28.89	23.34	5.55	13	PASS
LTE Band7	15	21100	75	#0	QPSK	30.22	25.07	5.15	13	PASS
LTE Band7	15	21375	75	#0	QPSK	28.59	23.11	5.48	13	PASS
LTE Band7	20	20850	100	#0	QPSK	28.43	22.96	5.47	13	PASS
LTE Band7	20	21100	100	#0	QPSK	30.14	25.04	5.1	13	PASS
LTE Band7	20	21350	100	#0	QPSK	28.26	22.92	5.34	13	PASS
LTE Band7	5	20775	25	#0	QAM16	28.71	22.89	5.82	13	PASS
LTE Band7	5	21100	25	#0	QAM16	29.82	24.28	5.54	13	PASS
LTE Band7	5	21425	25	#0	QAM16	28.57	22.86	5.71	13	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak Power(dBm)	Avg Power(dBm)	Result (dB)	High Limit (dB)	Verdict
LTE Band66	1.4	131979	6	#0	QPSK	27.05	21.35	5.7	13	PASS
LTE Band66	1.4	132322	6	#0	QPSK	26.16	20.42	5.74	13	PASS
LTE Band66	1.4	132665	6	#0	QPSK	25.71	20.06	5.65	13	PASS
LTE Band66	3	131987	15	#0	QPSK	27.09	21.38	5.71	13	PASS
LTE Band66	3	132322	15	#0	QPSK	26.16	20.45	5.71	13	PASS
LTE Band66	3	132657	15	#0	QPSK	25.9	20.28	5.62	13	PASS
LTE Band66	5	131997	25	#0	QPSK	27.23	21.55	5.68	13	PASS
LTE Band66	5	132322	25	#0	QPSK	26.5	20.72	5.78	13	PASS
LTE Band66	5	132647	25	#0	QPSK	26.33	20.65	5.68	13	PASS
LTE Band66	10	132022	50	#0	QPSK	26.83	21.19	5.64	13	PASS
LTE Band66	10	132322	50	#0	QPSK	26.31	20.6	5.71	13	PASS
LTE Band66	10	132622	50	#0	QPSK	26.23	20.54	5.69	13	PASS
LTE Band66	15	132047	75	#0	QPSK	26.82	20.88	5.94	13	PASS
LTE Band66	15	132322	75	#0	QPSK	26.63	20.63	6	13	PASS
LTE Band66	15	132597	75	#0	QPSK	26.47	20.46	6.01	13	PASS
LTE Band66	20	132072	100	#0	QPSK	26.03	20.43	5.6	13	PASS
LTE Band66	20	132322	100	#0	QPSK	26.26	20.61	5.65	13	PASS
LTE Band66	20	132572	100	#0	QPSK	25.88	20.18	5.7	13	PASS
LTE Band66	1.4	131979	6	#0	QAM16	27.07	20.57	6.5	13	PASS

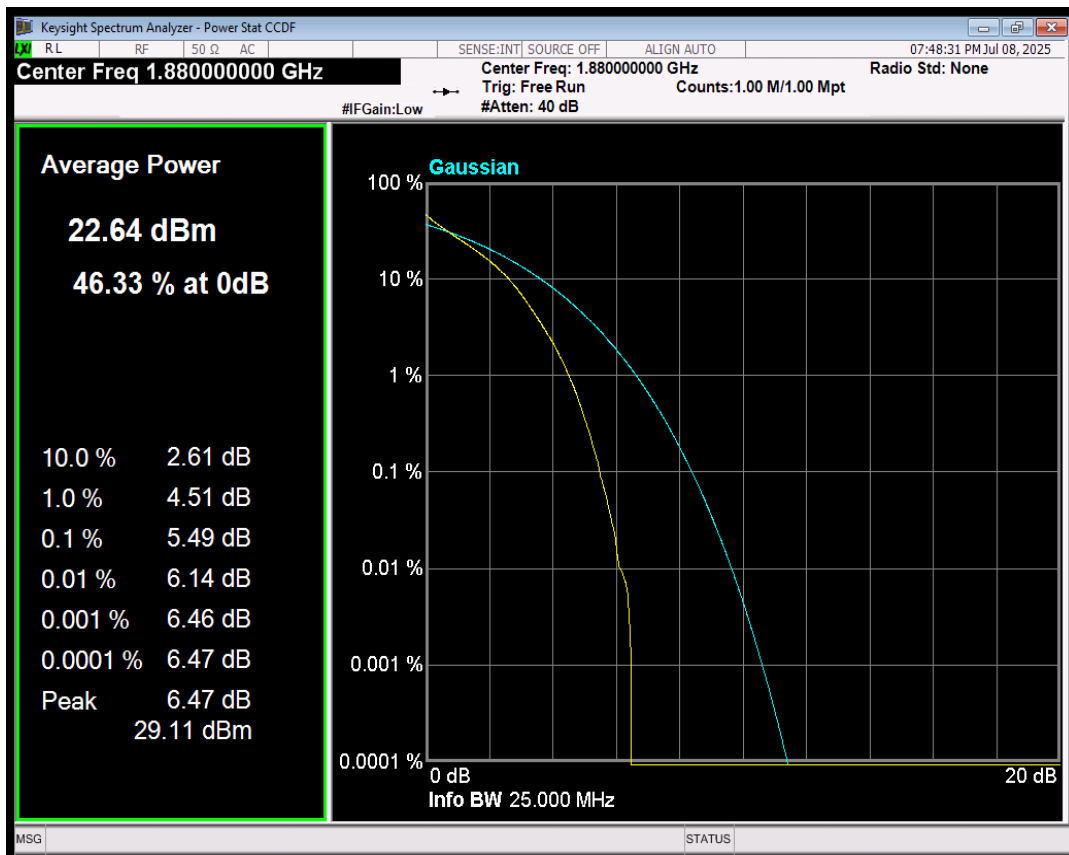
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LTE Band66	1.4	132322	6	#0	QAM16	26.27	19.78	6.49	13	PASS
LTE Band66	1.4	132665	6	#0	QAM16	26.17	19.72	6.45	13	PASS
LTE Band66	3	131987	15	#0	QAM16	27.17	20.63	6.54	13	PASS
LTE Band66	3	132322	15	#0	QAM16	26.31	19.79	6.52	13	PASS
LTE Band66	3	132657	15	#0	QAM16	26.2	19.78	6.42	13	PASS
LTE Band66	5	131997	25	#0	QAM16	27.02	20.59	6.43	13	PASS
LTE Band66	5	132322	25	#0	QAM16	26.33	19.85	6.48	13	PASS
LTE Band66	5	132647	25	#0	QAM16	26.33	19.95	6.38	13	PASS

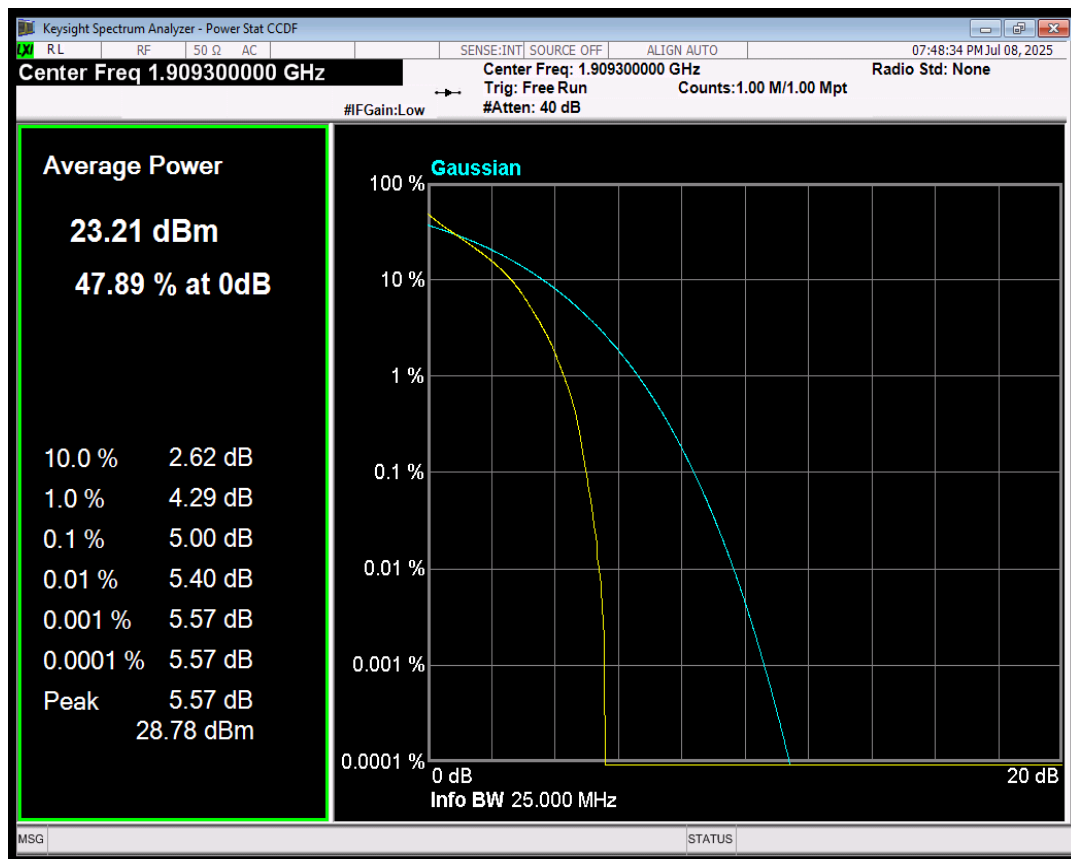
LTE Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



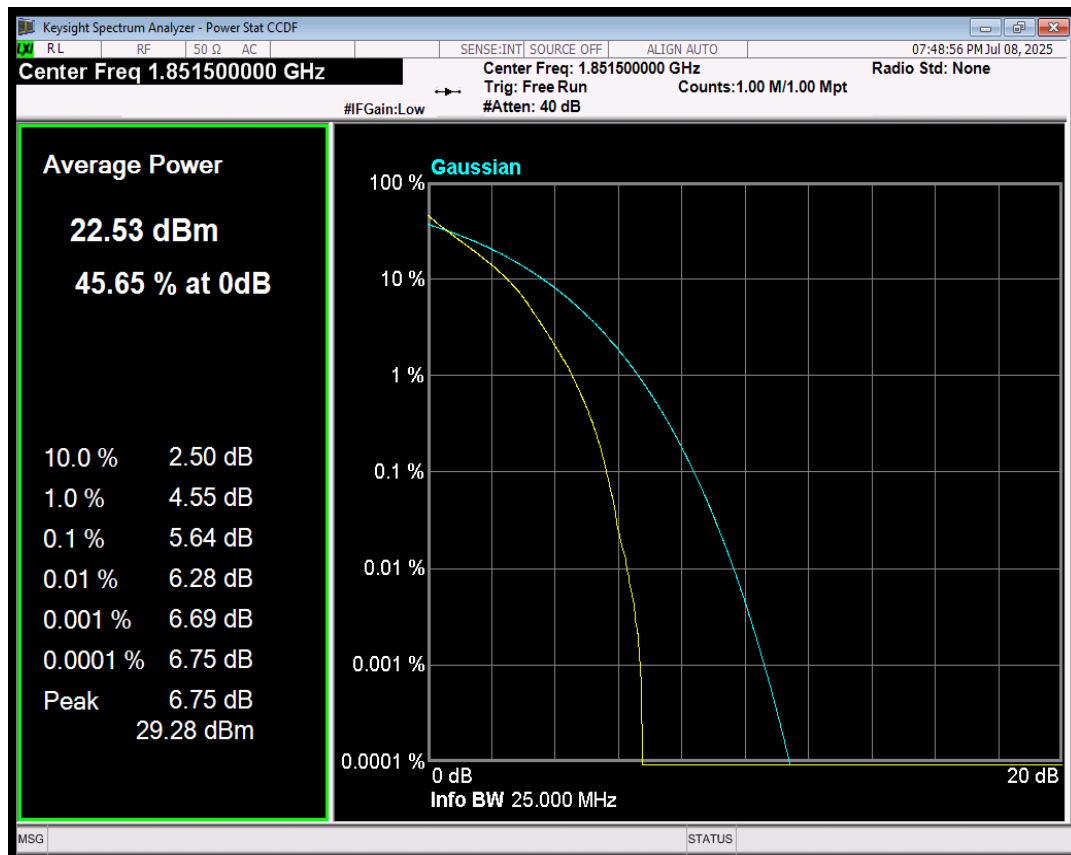
LTE Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



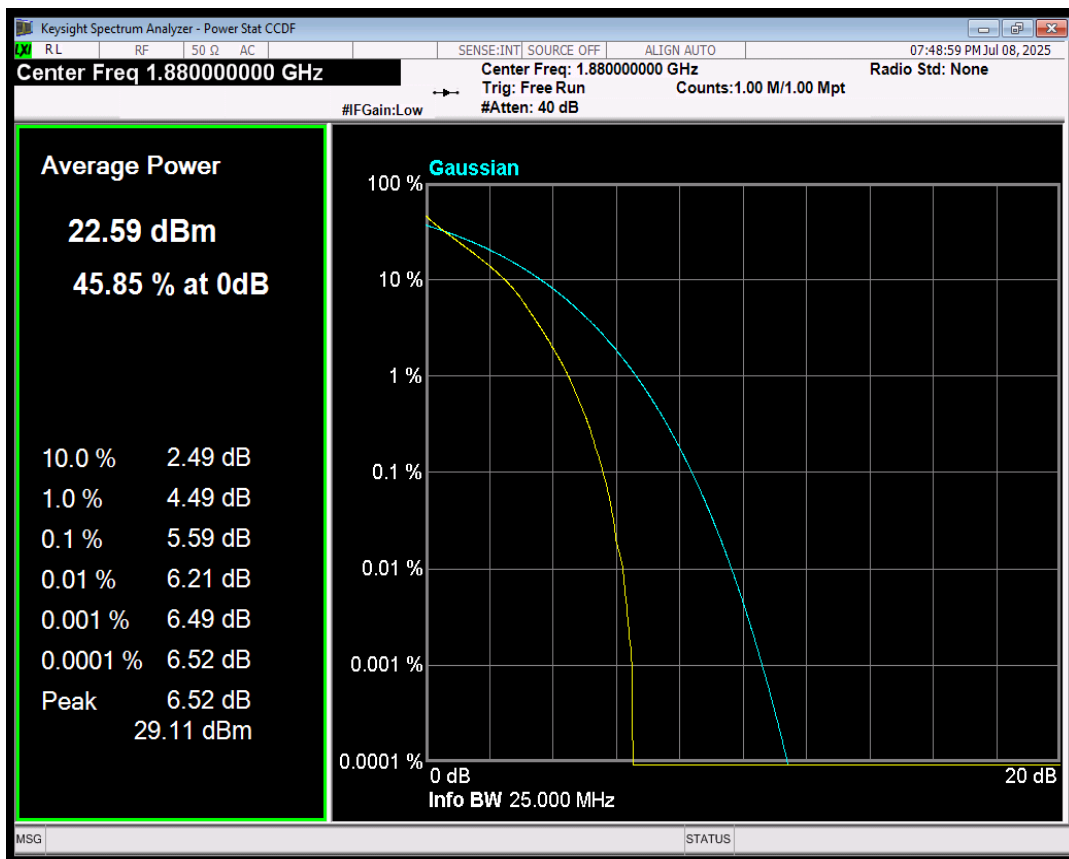
LTE Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



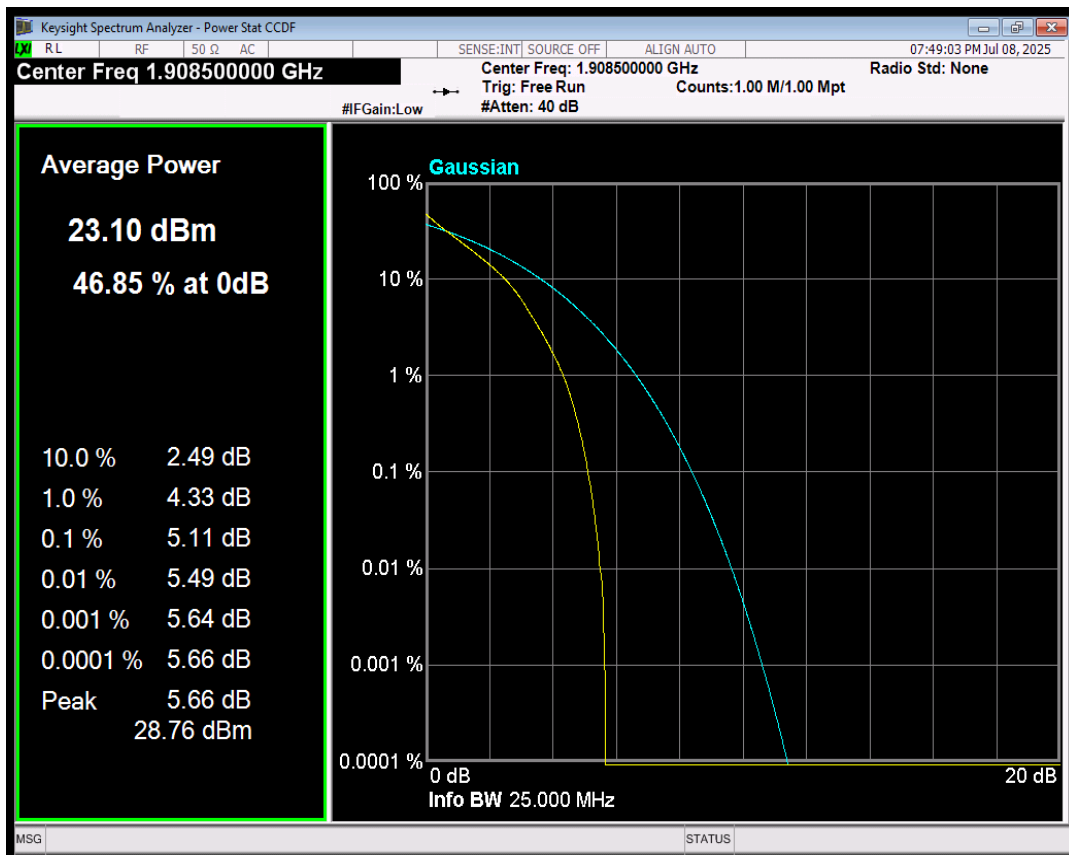
LTE Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



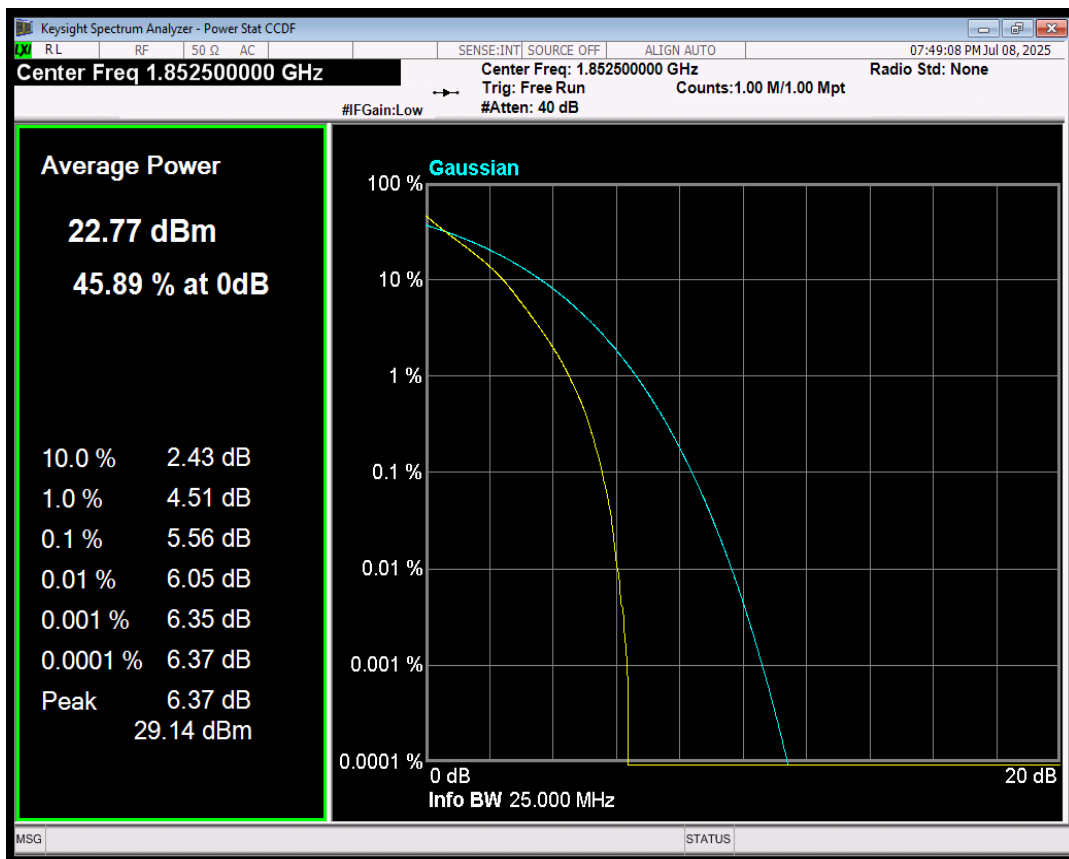
LTE Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



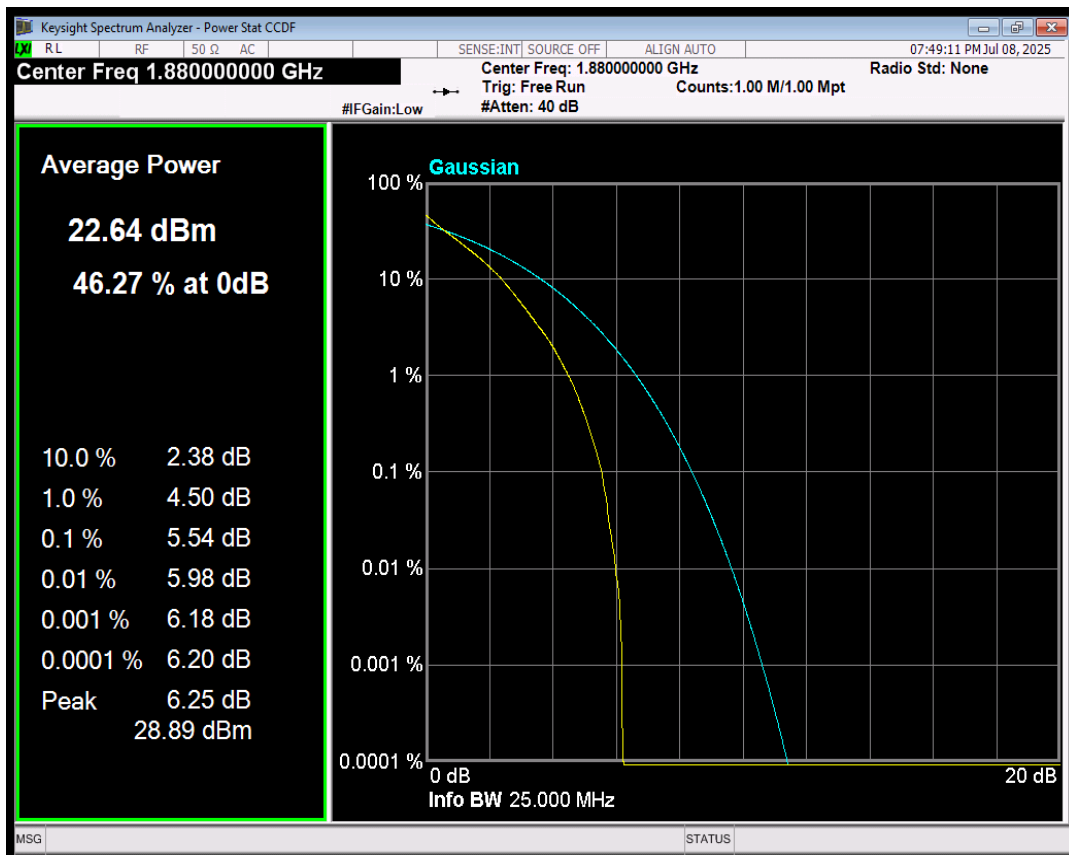
LTE Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



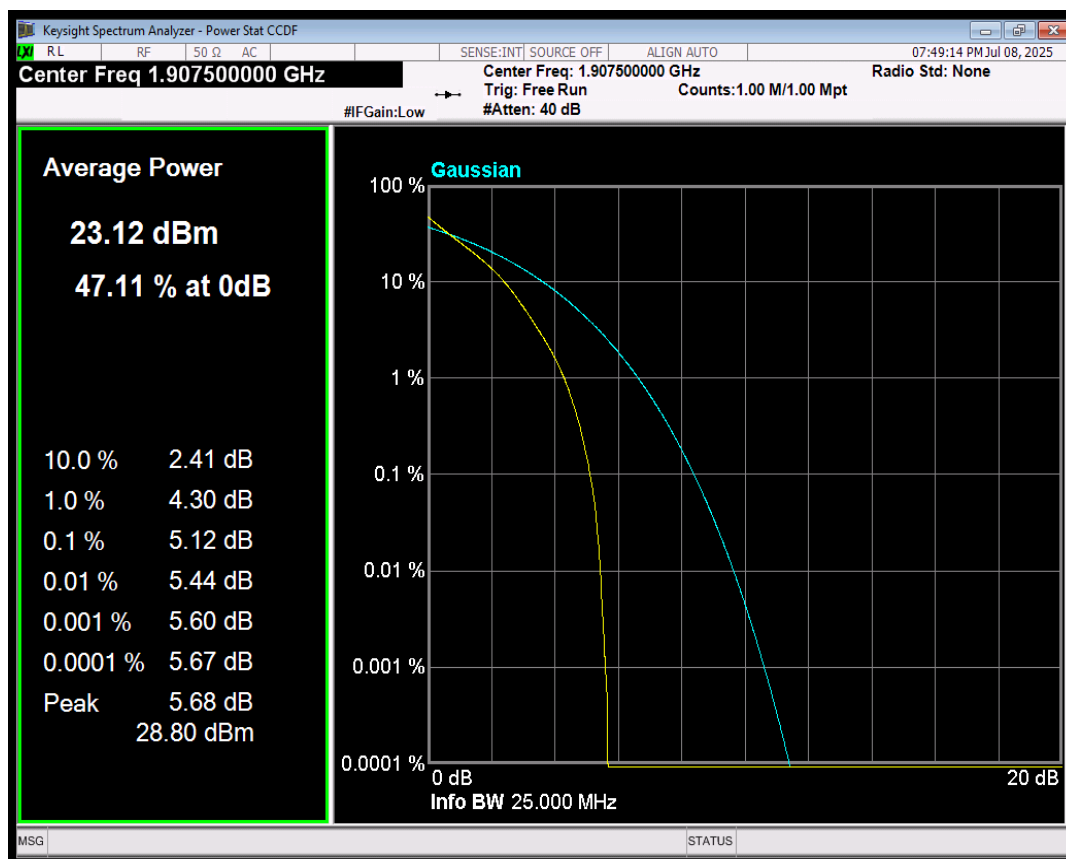
LTE Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



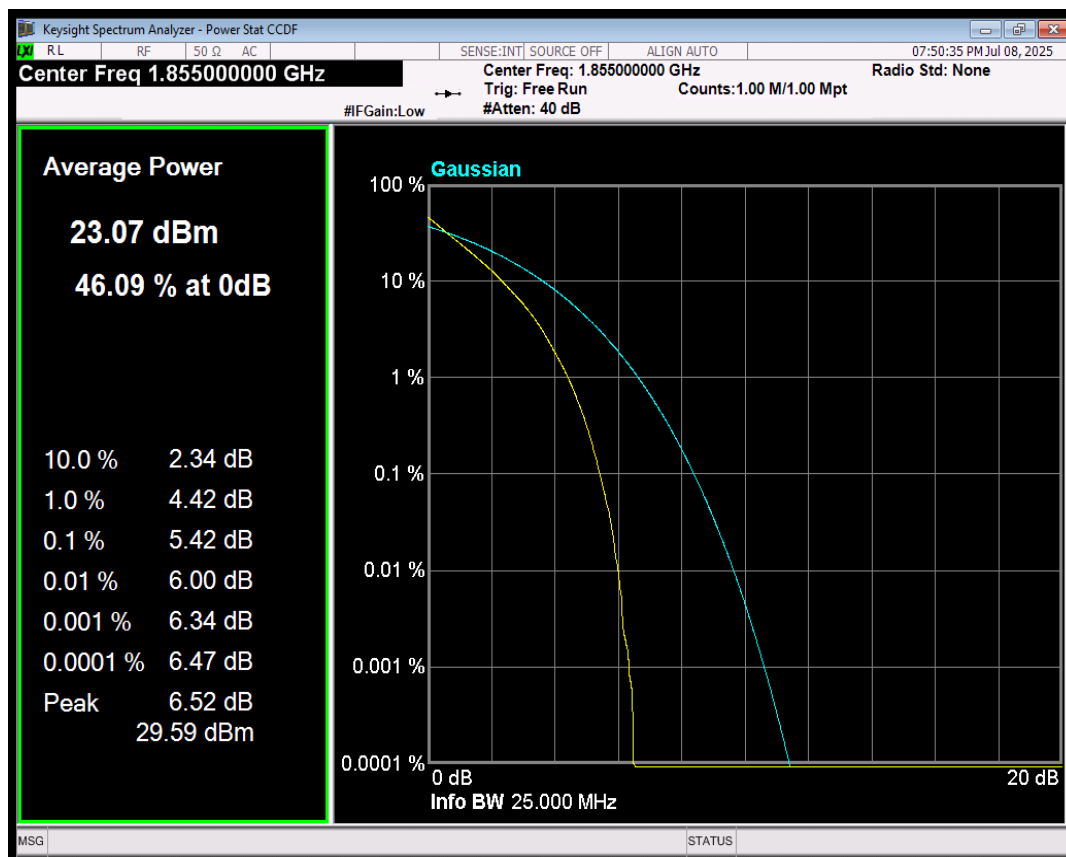
LTE Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



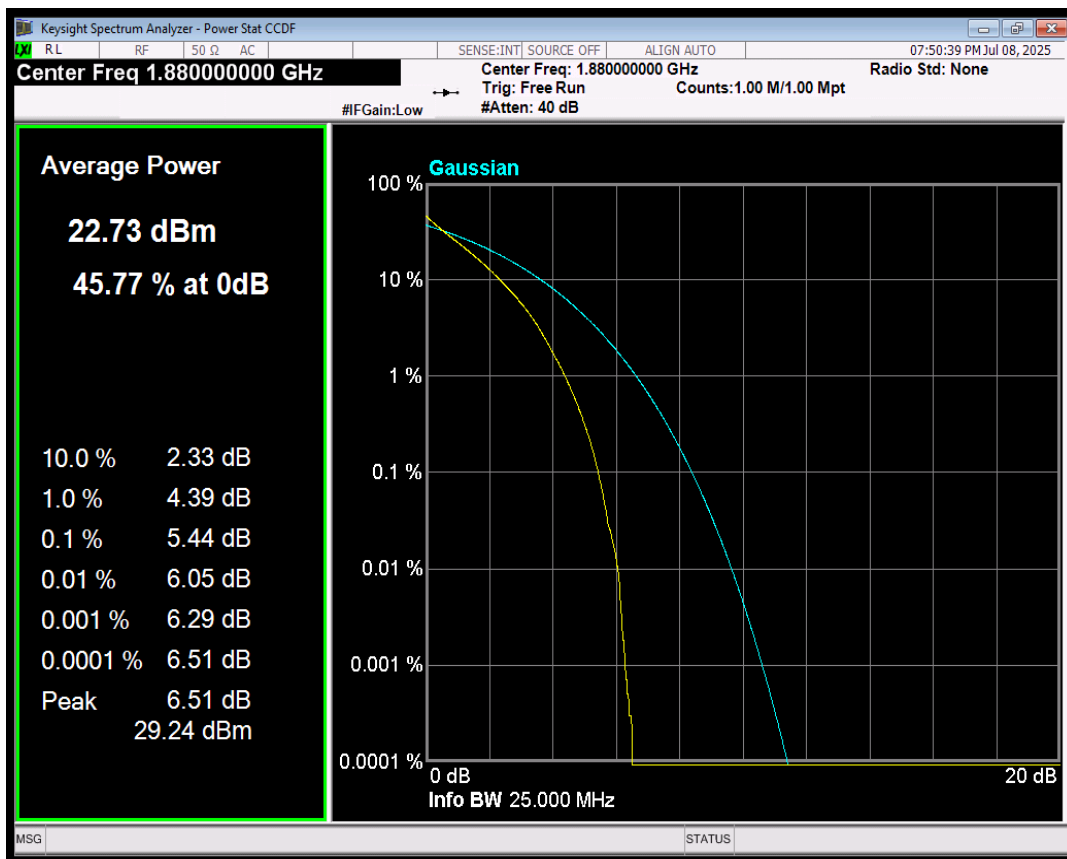
LTE Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



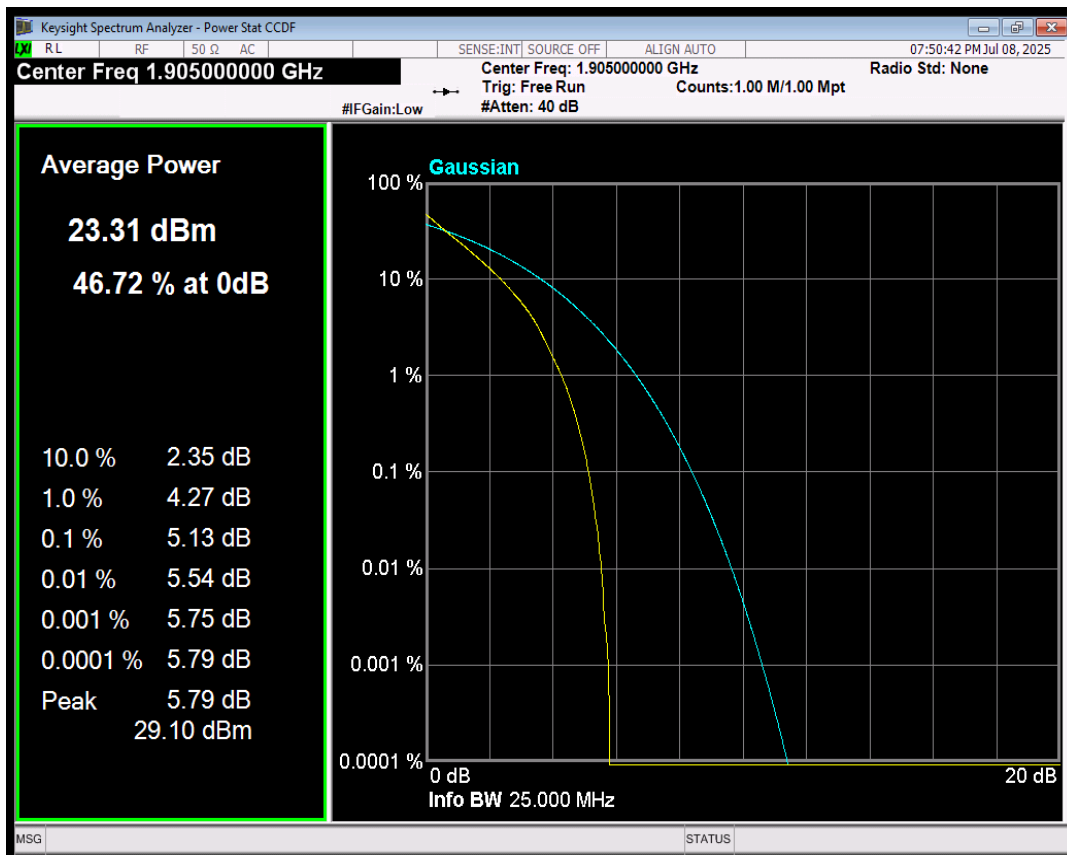
LTE Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



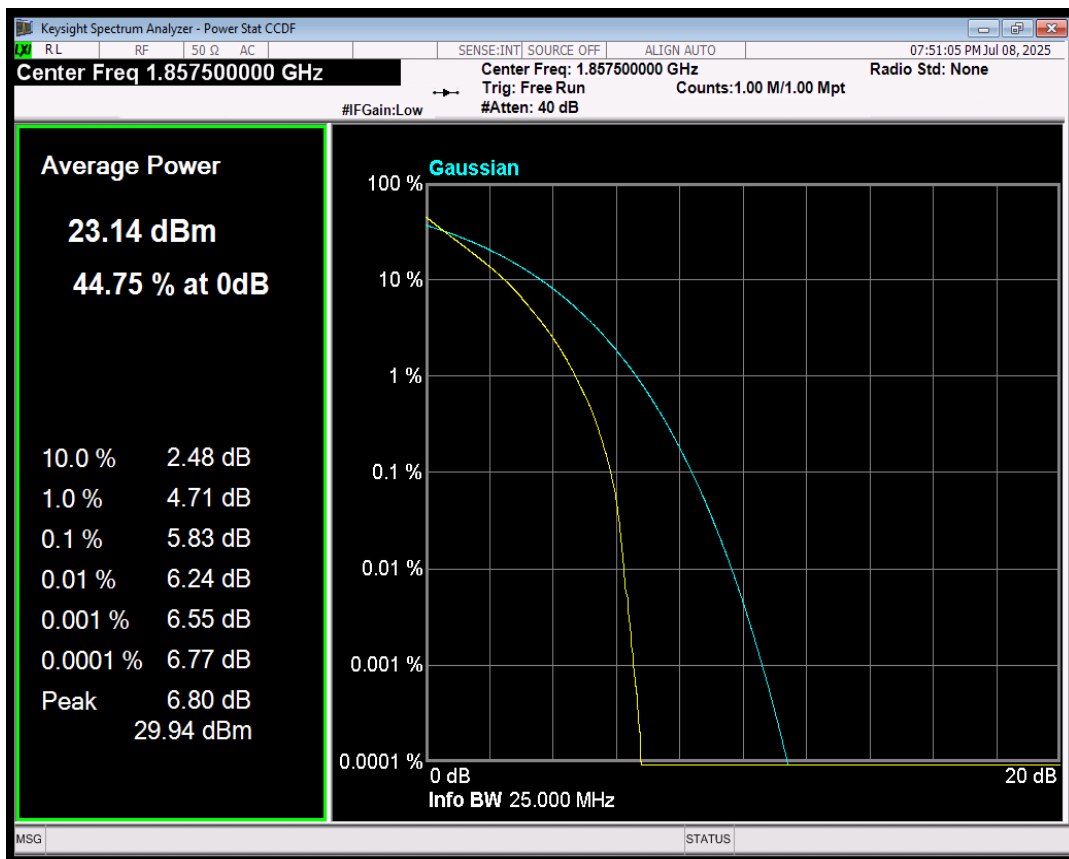
LTE Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



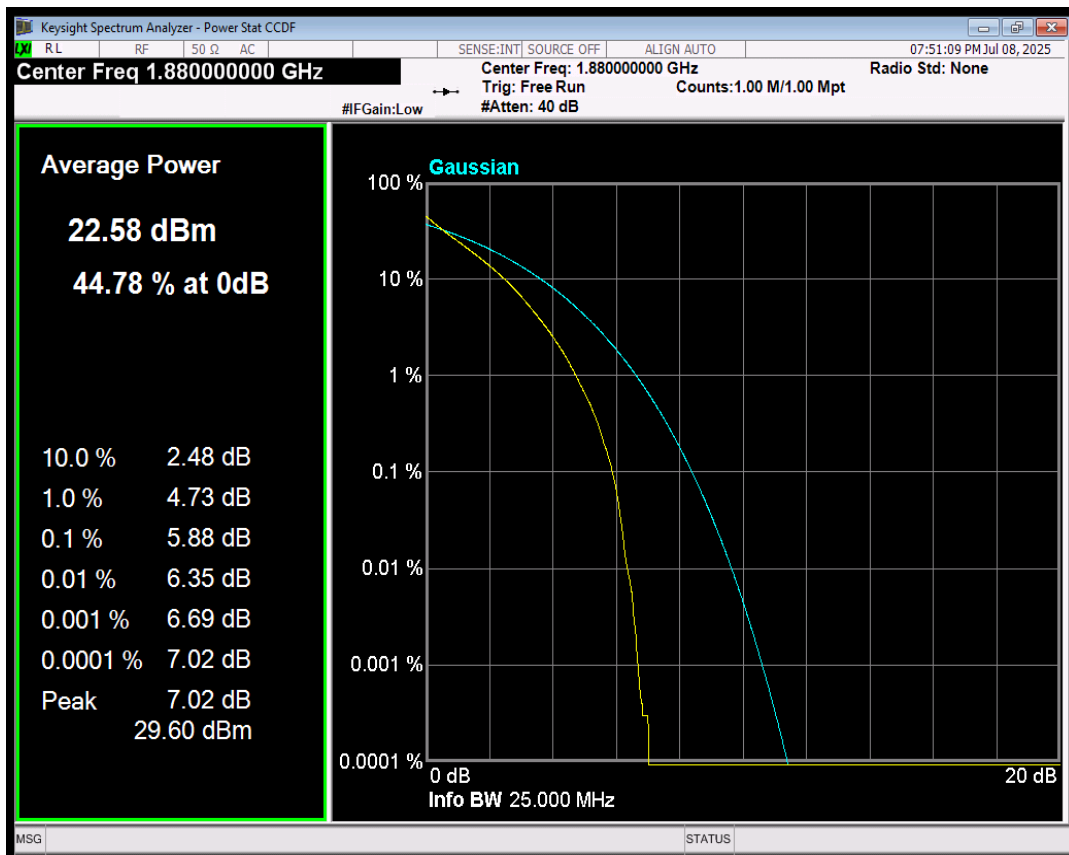
LTE Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



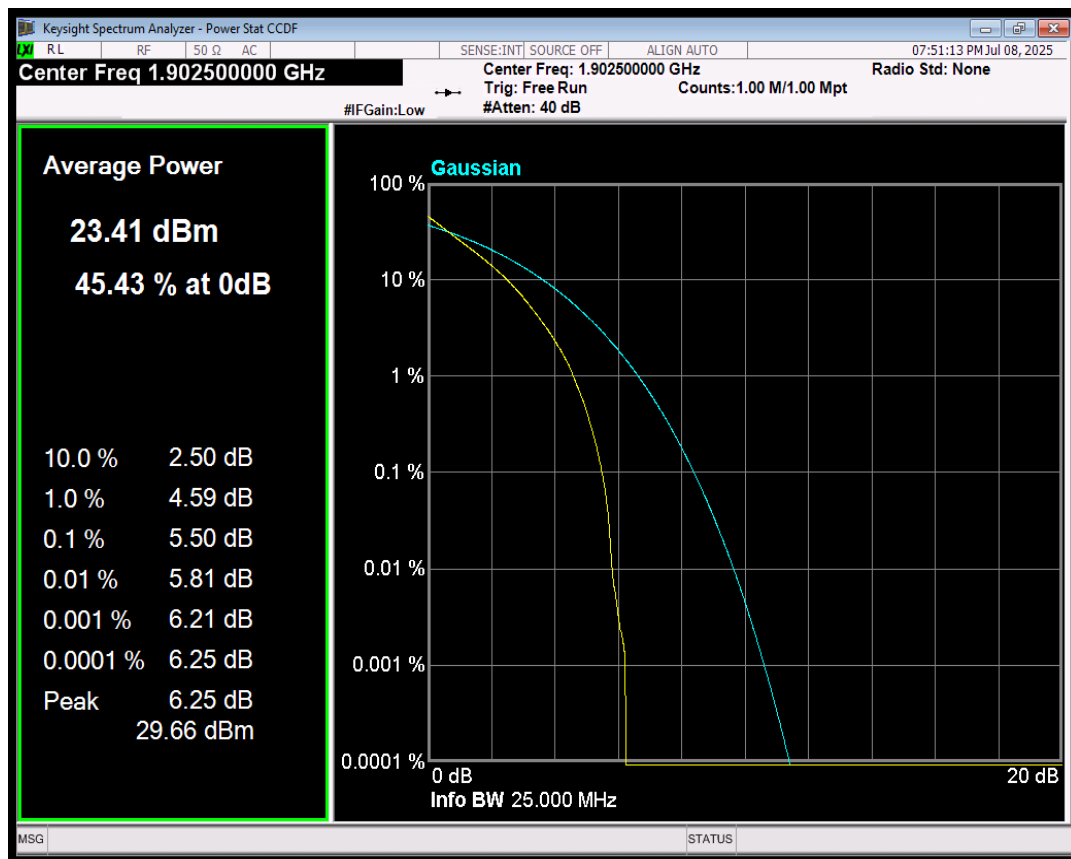
LTE Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



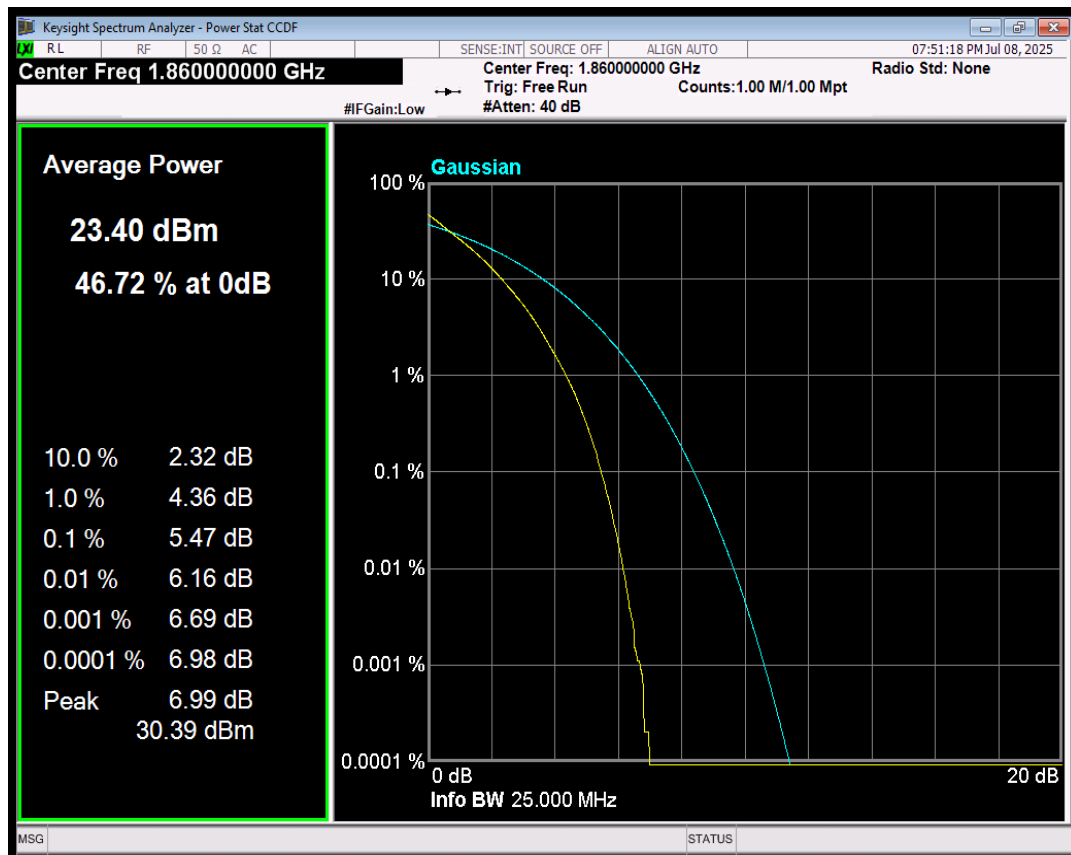
LTE Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



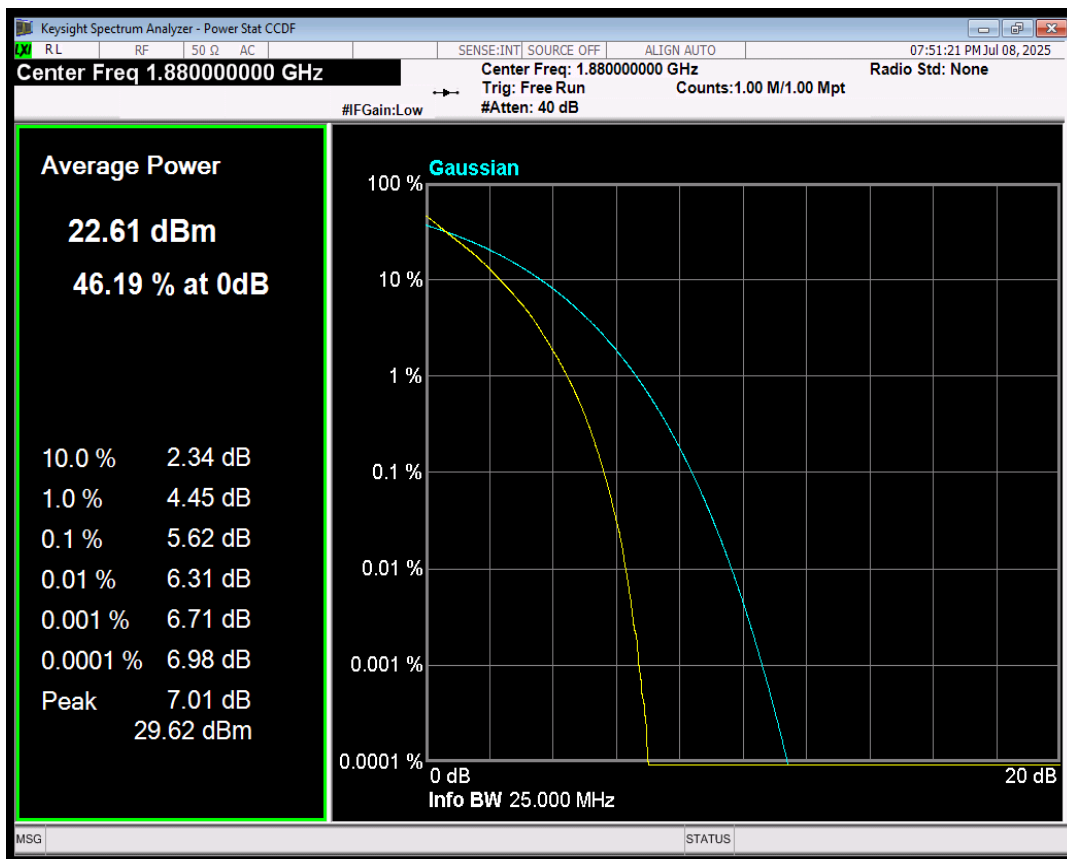
LTE Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



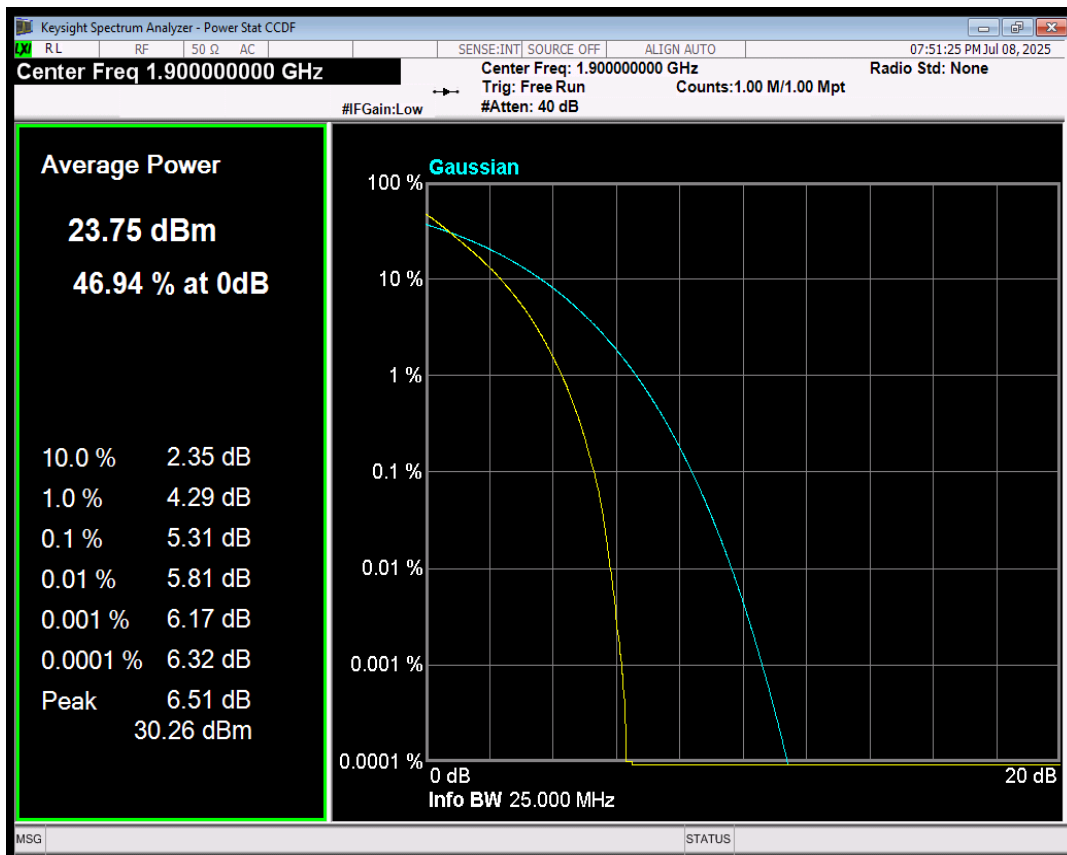
LTE Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



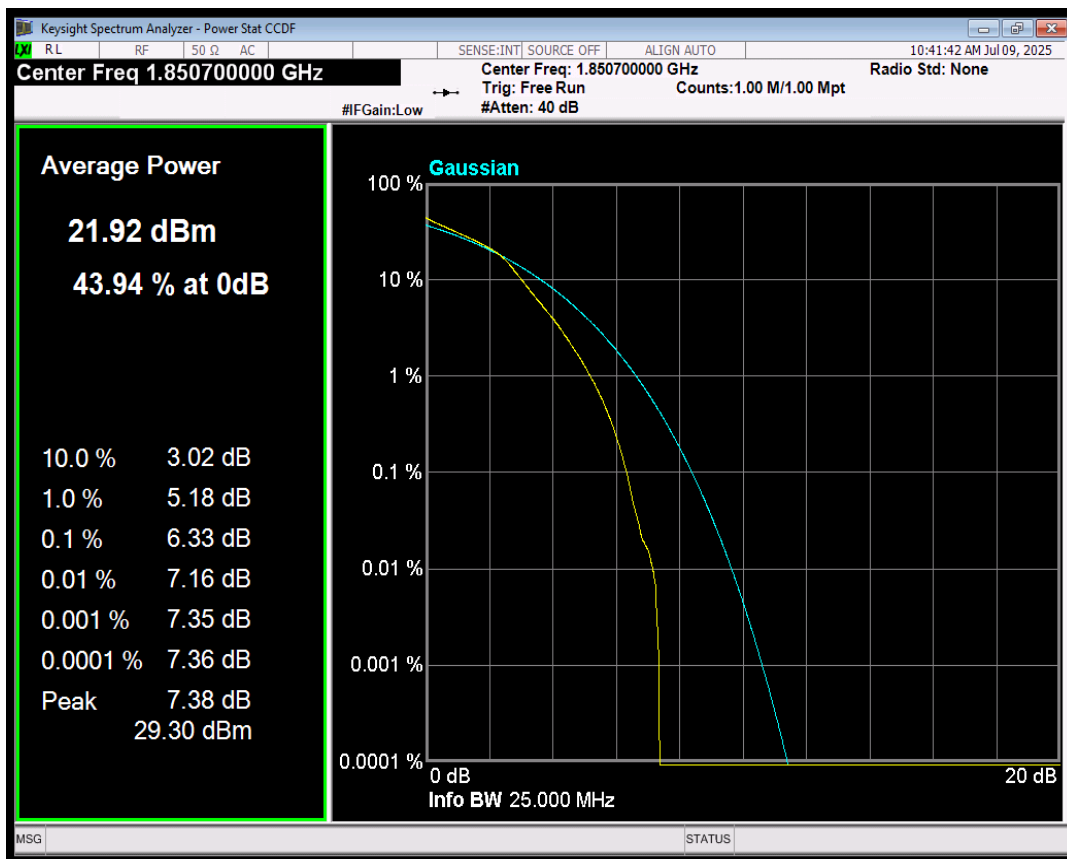
LTE Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



LTE Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



LTE Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



LTE Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0

