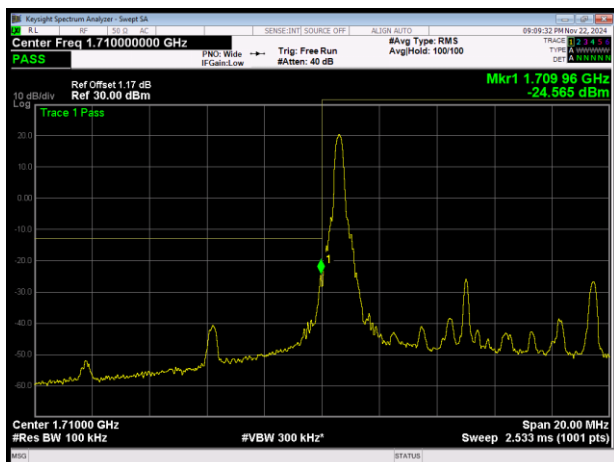
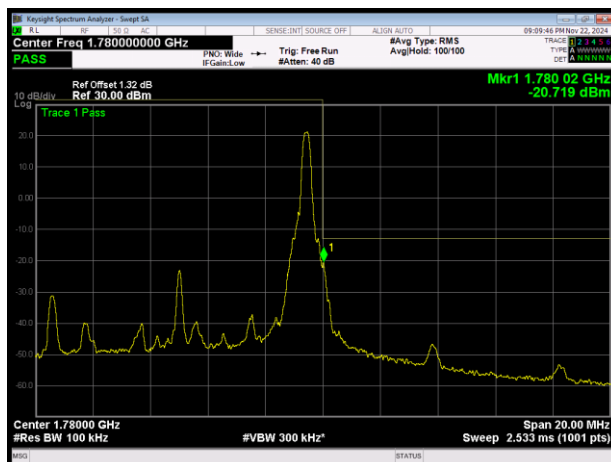


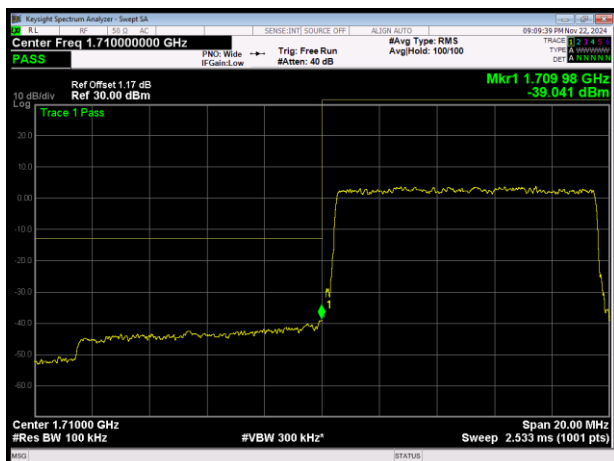
LTE Band 66 QPSK 10MHz CH-Low, 1 RB



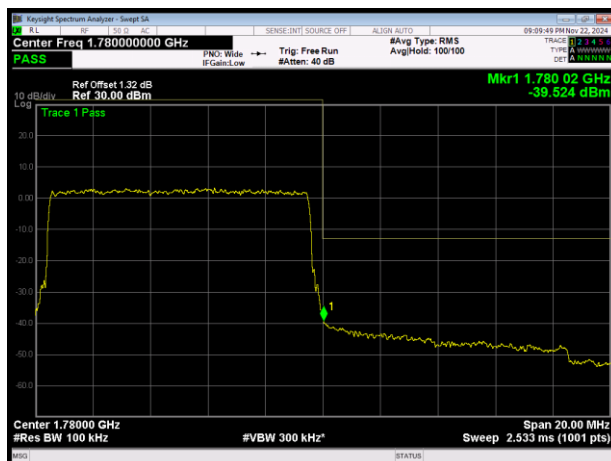
LTE Band 66 QPSK 10MHz CH-High, 1 RB



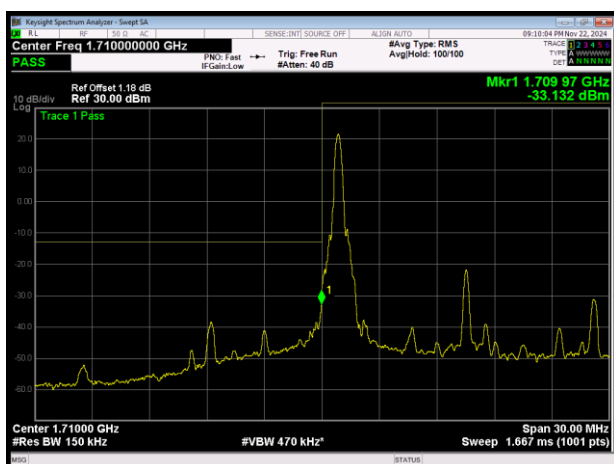
LTE Band 66 QPSK 10MHz CH-Low, 100%RB



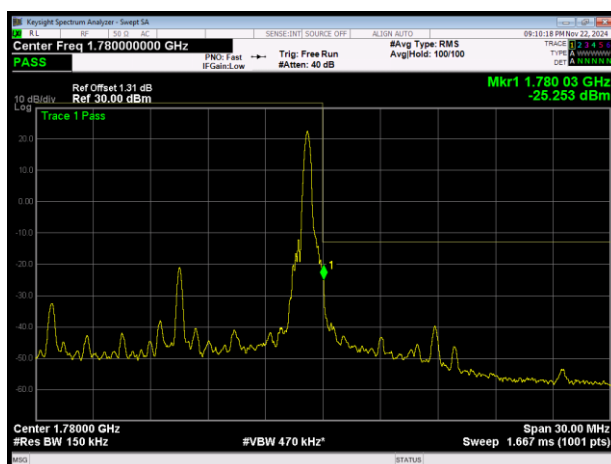
LTE Band 66 QPSK 10MHz CH-High, 100%RB



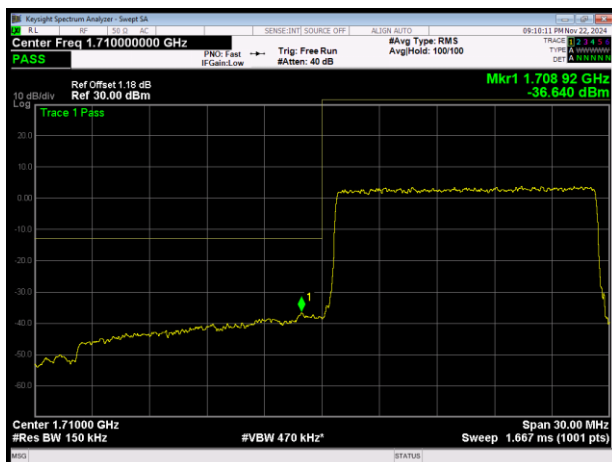
LTE Band 66 QPSK 15MHz CH-Low, 1 RB



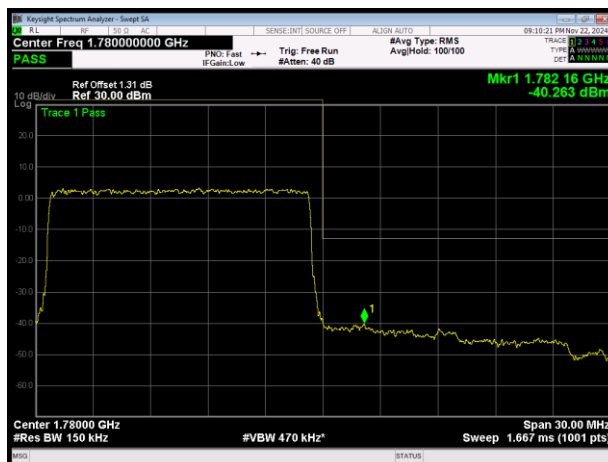
LTE Band 66 QPSK 15MHz CH-High, 1 RB



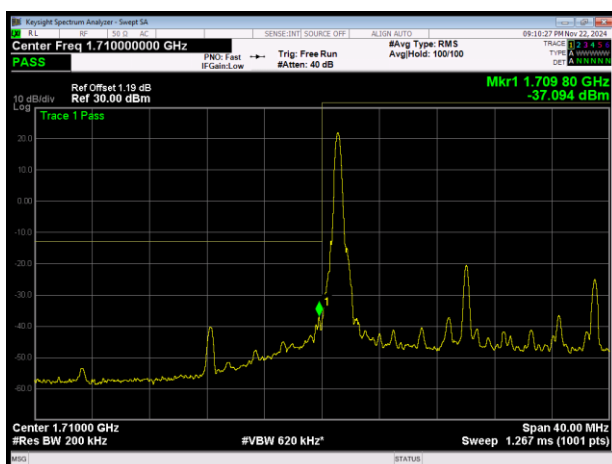
LTE Band 66 QPSK 15MHz CH-Low, 100%RB



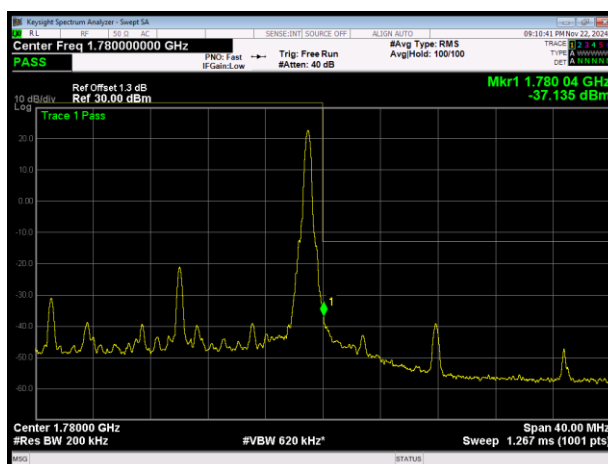
LTE Band 66 QPSK 15MHz CH-High, 100%RB



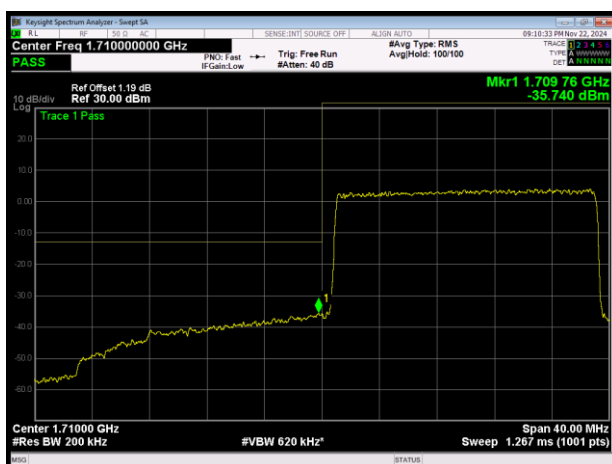
LTE Band 66 QPSK 20MHz CH-Low, 1 RB



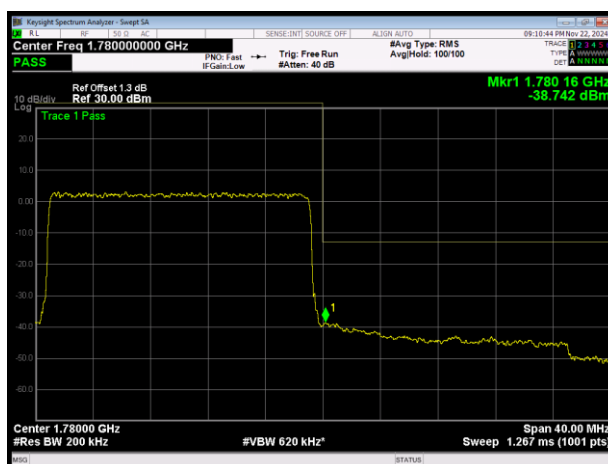
LTE Band 66 QPSK 20MHz CH-High, 1 RB



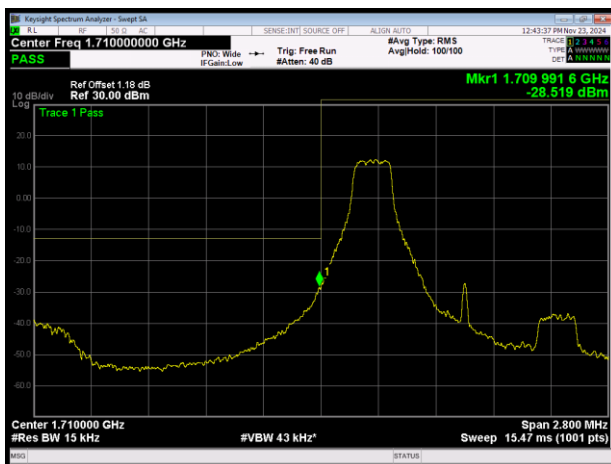
LTE Band 66 QPSK 20MHz CH-Low, 100%RB



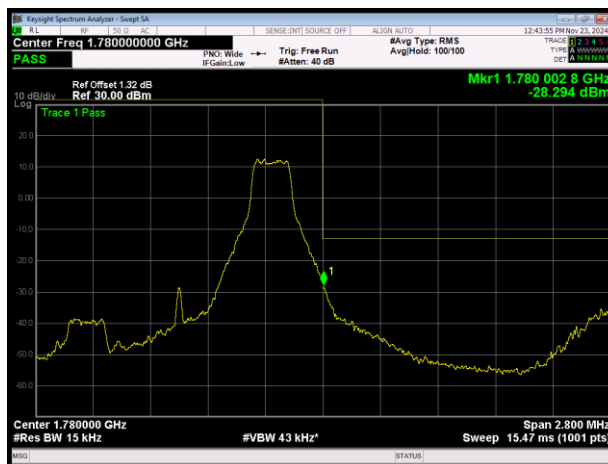
LTE Band 66 QPSK 20MHz CH-High, 100%RB



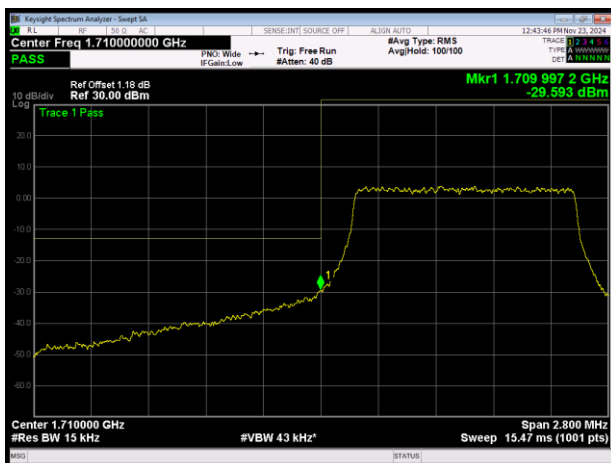
LTE Band 66 16QAM 1.4MHz CH-Low, 1 RB



LTE Band 66 16QAM 1.4MHz CH-High, 1 RB



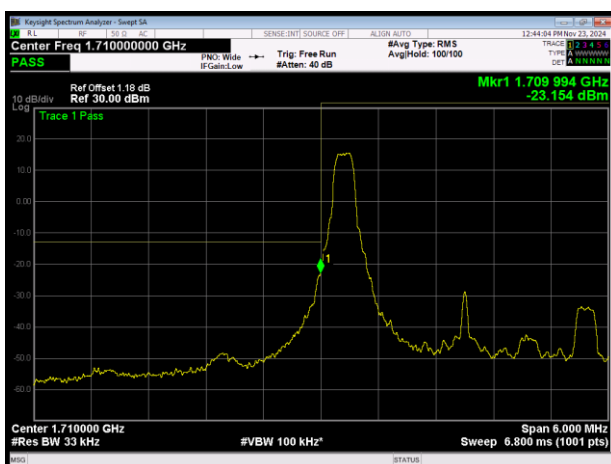
LTE Band 66 16QAM 1.4MHz CH-Low, 100%RB



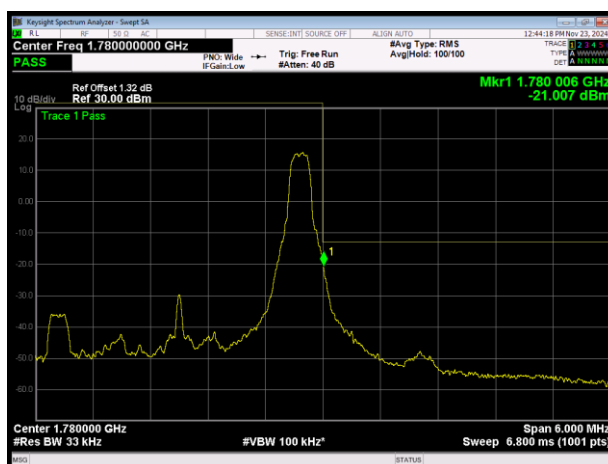
LTE Band 66 16QAM 1.4MHz CH-High, 100%RB



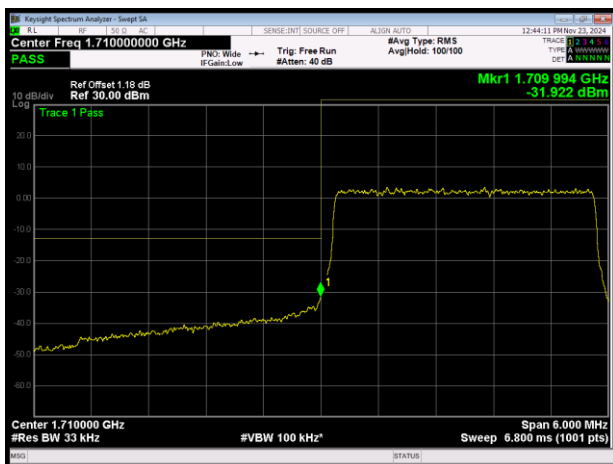
LTE Band 66 16QAM 3MHz CH-Low, 1 RB



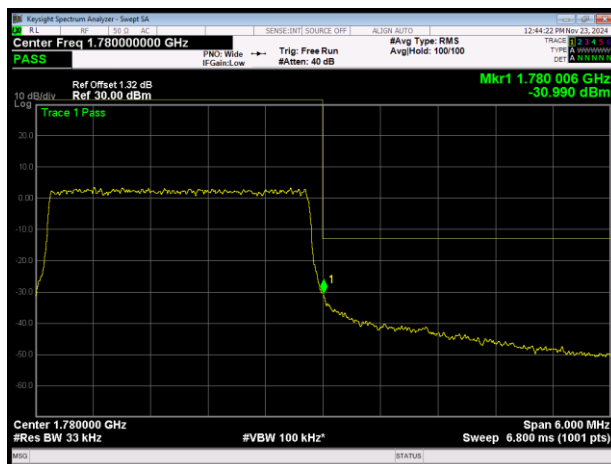
LTE Band 66 16QAM 3MHz CH-High, 1 RB



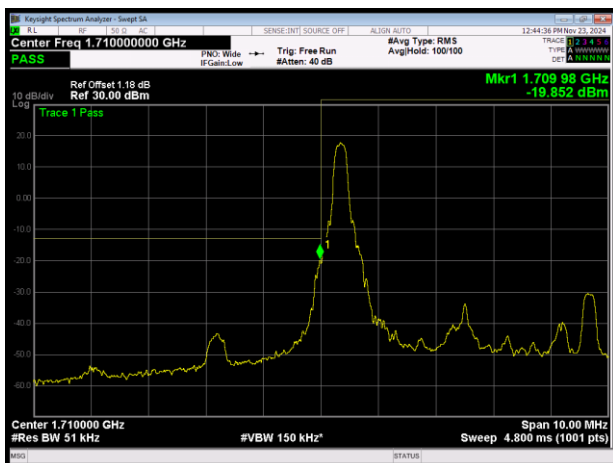
LTE Band 66 16QAM 3MHz CH-Low, 100%RB



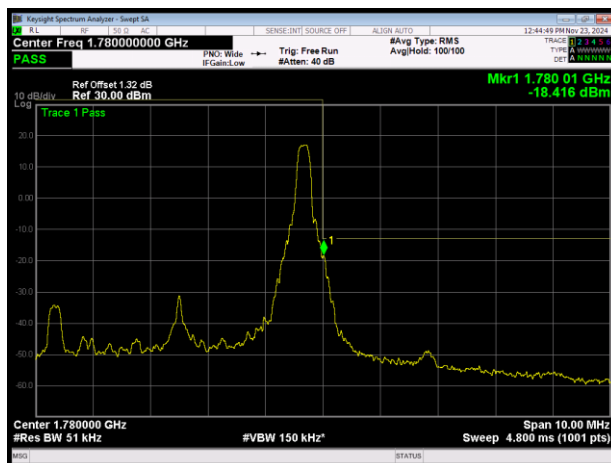
LTE Band 66 16QAM 3MHz CH-High, 100%RB



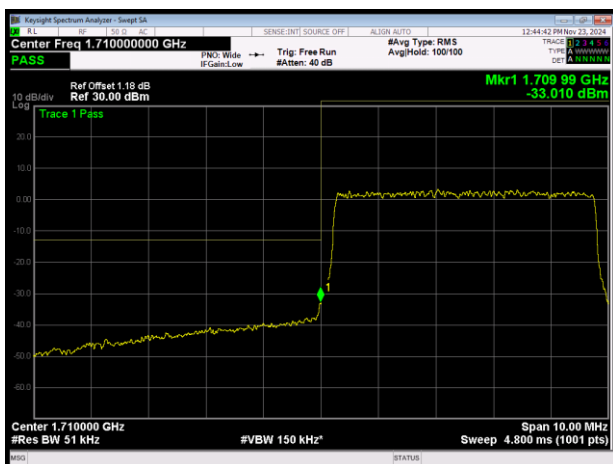
LTE Band 66 16QAM 5MHz CH-Low, 1 RB



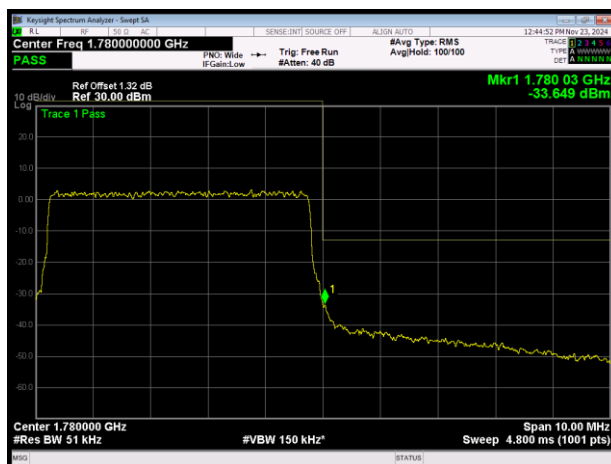
LTE Band 66 16QAM 5MHz CH-High, 1 RB



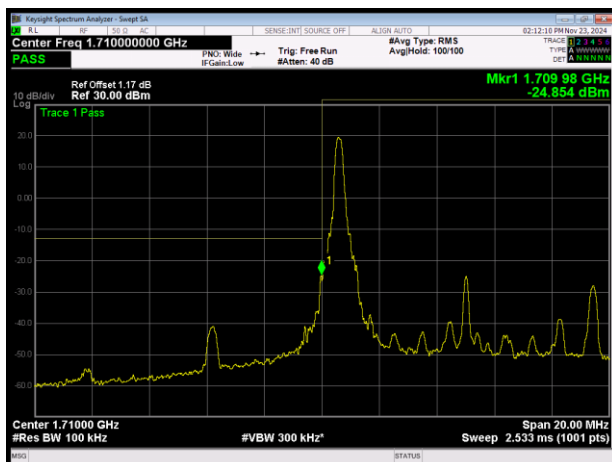
LTE Band 66 16QAM 5MHz CH-Low, 100%RB



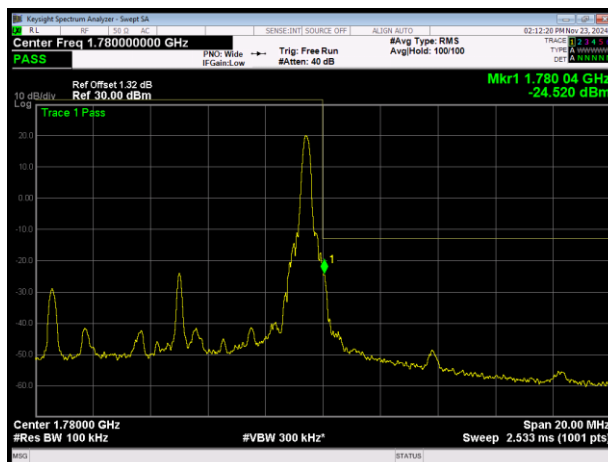
LTE Band 66 16QAM 5MHz CH-High, 100%RB



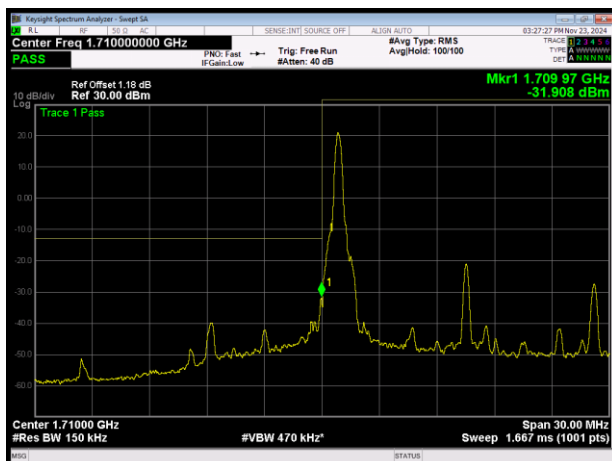
LTE Band 66 16QAM 10MHz CH-Low, 1 RB



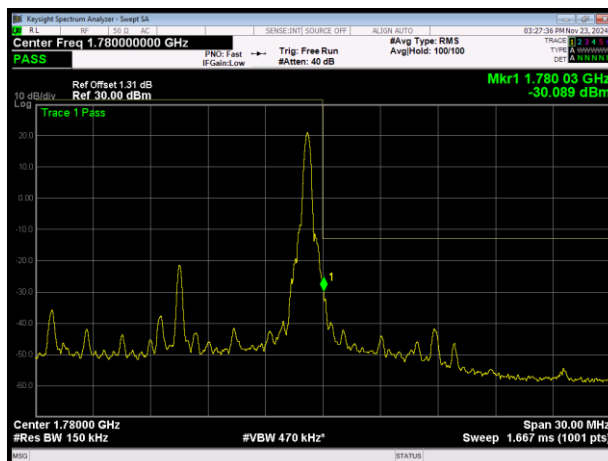
LTE Band 66 16QAM 10MHz CH-High, 1 RB



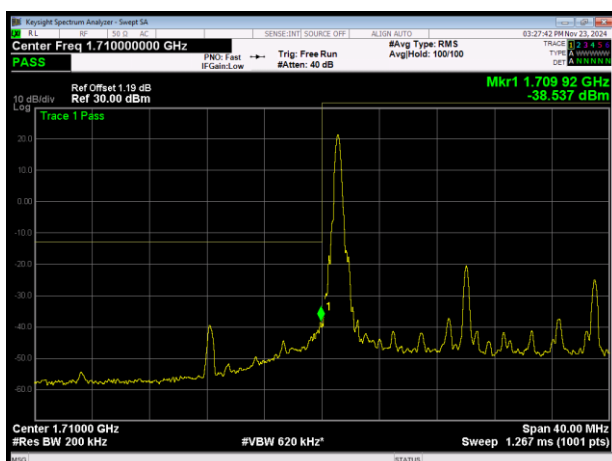
LTE Band 66 16QAM 15MHz CH-Low, 1 RB



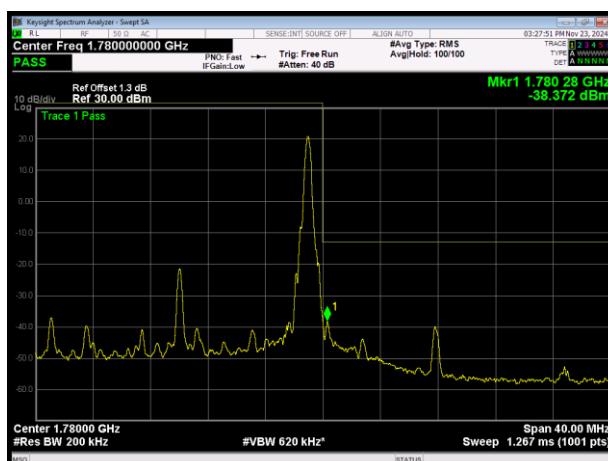
LTE Band 66 16QAM 15MHz CH-High, 1 RB



LTE Band 66 16QAM 20MHz CH-Low, 1 RB



LTE Band 66 16QAM 20MHz CH-High, 1 RB



6.4. Peak-to-Average Power Ratio (PAPR)

Mode	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
GPRS 850 (GMSK)	128	824.2	32.25	29.29	2.96	≤13	PASS
	190	836.6	32.10	29.15	2.95	≤13	PASS
	251	848.8	31.91	29.01	2.90	≤13	PASS
EGPRS 850 (8PSK)	128	824.2	28.65	22.85	5.80	≤13	PASS
	190	836.6	28.50	22.68	5.82	≤13	PASS
	251	848.8	28.45	22.61	5.84	≤13	PASS

Mode	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
GPRS 1900 (GMSK)	512	1850.2	28.76	26.05	2.71	≤13	PASS
	661	1880	28.98	26.27	2.71	≤13	PASS
	810	1909.8	29.12	26.41	2.71	≤13	PASS
EGPRS 1900 (8PSK)	512	1850.2	27.73	22.10	5.63	≤13	PASS
	661	1880	27.90	22.26	5.64	≤13	PASS
	810	1909.8	28.30	22.64	5.66	≤13	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
LTE Band2	1.4	18607	6	#0	QPSK	27.76	22.19	5.57	≤13	PASS
LTE Band2	1.4	18900	6	#0	QPSK	27.45	22.17	5.28	≤13	PASS
LTE Band2	1.4	19193	6	#0	QPSK	26.78	21.33	5.45	≤13	PASS
LTE Band2	3	18615	15	#0	QPSK	27.87	22.28	5.59	≤13	PASS
LTE Band2	3	18900	15	#0	QPSK	27.40	22.13	5.27	≤13	PASS
LTE Band2	3	19185	15	#0	QPSK	27.14	21.69	5.45	≤13	PASS
LTE Band2	5	18625	25	#0	QPSK	27.78	22.14	5.64	≤13	PASS
LTE Band2	5	18900	25	#0	QPSK	27.38	22.06	5.32	≤13	PASS
LTE Band2	5	19175	25	#0	QPSK	27.41	22.02	5.39	≤13	PASS
LTE Band2	10	18650	50	#0	QPSK	27.60	21.88	5.72	≤13	PASS
LTE Band2	10	18900	50	#0	QPSK	27.20	21.85	5.35	≤13	PASS
LTE Band2	10	19150	50	#0	QPSK	27.40	22.10	5.30	≤13	PASS
LTE Band2	15	18675	75	#0	QPSK	27.93	21.90	6.03	≤13	PASS
LTE Band2	15	18900	75	#0	QPSK	27.55	21.85	5.70	≤13	PASS
LTE Band2	15	19125	75	#0	QPSK	27.78	22.07	5.71	≤13	PASS
LTE Band2	20	18700	100	#0	QPSK	27.53	21.83	5.70	≤13	PASS
LTE Band2	20	18900	100	#0	QPSK	27.05	21.63	5.42	≤13	PASS
LTE Band2	20	19100	100	#0	QPSK	27.35	21.76	5.59	≤13	PASS
LTE Band2	1.4	18607	6	#0	16QAM	27.63	21.31	6.32	≤13	PASS
LTE Band2	1.4	18900	6	#0	16QAM	27.42	21.41	6.01	≤13	PASS
LTE Band2	1.4	19193	6	#0	16QAM	26.99	20.79	6.20	≤13	PASS
LTE Band2	3	18615	15	#0	16QAM	27.85	21.50	6.35	≤13	PASS
LTE Band2	3	18900	15	#0	16QAM	27.44	21.40	6.04	≤13	PASS
LTE Band2	3	19185	15	#0	16QAM	27.31	21.09	6.22	≤13	PASS
LTE Band2	5	18625	25	#0	16QAM	27.67	21.37	6.30	≤13	PASS
LTE Band2	5	18900	25	#0	16QAM	27.39	21.41	5.98	≤13	PASS
LTE Band2	5	19175	25	#0	16QAM	27.47	21.35	6.12	≤13	PASS

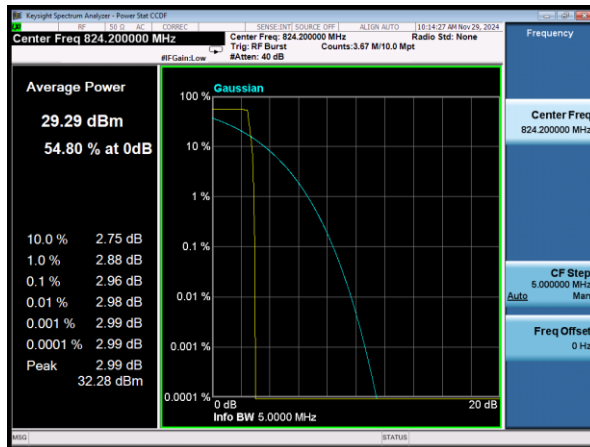
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
LTE Band4	1.4	19957	6	#0	QPSK	27.42	21.74	5.68	≤13	PASS
LTE Band4	1.4	20175	6	#0	QPSK	28.03	22.55	5.48	≤13	PASS
LTE Band4	1.4	20393	6	#0	QPSK	27.03	21.45	5.58	≤13	PASS
LTE Band4	3	19965	15	#0	QPSK	27.60	21.88	5.72	≤13	PASS
LTE Band4	3	20175	15	#0	QPSK	27.87	22.48	5.39	≤13	PASS
LTE Band4	3	20385	15	#0	QPSK	27.19	21.55	5.64	≤13	PASS
LTE Band4	5	19975	25	#0	QPSK	27.51	21.81	5.70	≤13	PASS
LTE Band4	5	20175	25	#0	QPSK	27.87	22.43	5.44	≤13	PASS
LTE Band4	5	20375	25	#0	QPSK	27.14	21.55	5.59	≤13	PASS
LTE Band4	10	20000	50	#0	QPSK	27.30	21.65	5.65	≤13	PASS
LTE Band4	10	20175	50	#0	QPSK	27.57	22.16	5.41	≤13	PASS
LTE Band4	10	20350	50	#0	QPSK	27.09	21.46	5.63	≤13	PASS
LTE Band4	15	20025	75	#0	QPSK	27.96	21.98	5.98	≤13	PASS
LTE Band4	15	20175	75	#0	QPSK	28.03	22.26	5.77	≤13	PASS
LTE Band4	15	20325	75	#0	QPSK	27.59	21.74	5.85	≤13	PASS
LTE Band4	20	20050	100	#0	QPSK	27.71	22.14	5.57	≤13	PASS
LTE Band4	20	20175	100	#0	QPSK	27.69	22.14	5.55	≤13	PASS
LTE Band4	20	20300	100	#0	QPSK	27.36	21.72	5.64	≤13	PASS
LTE Band4	1.4	19957	6	#0	16QAM	27.40	20.99	6.41	≤13	PASS
LTE Band4	1.4	20175	6	#0	16QAM	27.81	21.58	6.23	≤13	PASS
LTE Band4	1.4	20393	6	#0	16QAM	27.16	20.73	6.43	≤13	PASS
LTE Band4	3	19965	15	#0	16QAM	27.50	21.05	6.45	≤13	PASS
LTE Band4	3	20175	15	#0	16QAM	27.91	21.63	6.28	≤13	PASS
LTE Band4	3	20385	15	#0	16QAM	27.30	20.82	6.48	≤13	PASS
LTE Band4	5	19975	25	#0	16QAM	27.39	21.01	6.38	≤13	PASS
LTE Band4	5	20175	25	#0	16QAM	27.73	21.55	6.18	≤13	PASS
LTE Band4	5	20375	25	#0	16QAM	27.26	20.84	6.42	≤13	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
LTE Band5	1.4	20407	6	#0	QPSK	27.19	21.77	5.42	≤13	PASS
LTE Band5	1.4	20525	6	#0	QPSK	27.08	21.67	5.41	≤13	PASS
LTE Band5	1.4	20643	6	#0	QPSK	26.45	21.05	5.40	≤13	PASS
LTE Band5	3	20415	15	#0	QPSK	27.28	21.88	5.40	≤13	PASS
LTE Band5	3	20525	15	#0	QPSK	27.17	21.71	5.46	≤13	PASS
LTE Band5	3	20635	15	#0	QPSK	26.44	21.17	5.27	≤13	PASS
LTE Band5	5	20425	25	#0	QPSK	27.26	21.84	5.42	≤13	PASS
LTE Band5	5	20525	25	#0	QPSK	27.12	21.61	5.51	≤13	PASS
LTE Band5	5	20625	25	#0	QPSK	26.44	21.29	5.15	≤13	PASS
LTE Band5	10	20450	50	#0	QPSK	27.08	21.66	5.42	≤13	PASS
LTE Band5	10	20525	50	#0	QPSK	26.86	21.44	5.42	≤13	PASS
LTE Band5	10	20600	50	#0	QPSK	26.47	21.21	5.26	≤13	PASS
LTE Band5	1.4	20407	6	#0	16QAM	27.10	20.95	6.15	≤13	PASS
LTE Band5	1.4	20525	6	#0	16QAM	27.00	20.88	6.12	≤13	PASS
LTE Band5	1.4	20643	6	#0	16QAM	26.42	20.35	6.07	≤13	PASS
LTE Band5	3	20415	15	#0	16QAM	27.23	21.07	6.16	≤13	PASS
LTE Band5	3	20525	15	#0	16QAM	27.06	20.83	6.23	≤13	PASS
LTE Band5	3	20635	15	#0	16QAM	26.44	20.45	5.99	≤13	PASS
LTE Band5	5	20425	25	#0	16QAM	27.07	21.03	6.04	≤13	PASS
LTE Band5	5	20525	25	#0	16QAM	26.97	20.80	6.17	≤13	PASS
LTE Band5	5	20625	25	#0	16QAM	26.36	20.52	5.84	≤13	PASS

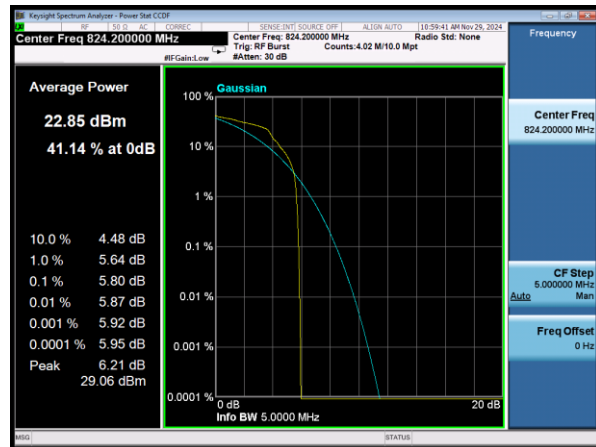
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
LTE Band7	5	20775	25	#0	QPSK	26.96	22.42	4.54	≤13	PASS
LTE Band7	5	21100	25	#0	QPSK	27.18	22.02	5.16	≤13	PASS
LTE Band7	5	21425	25	#0	QPSK	26.36	20.92	5.44	≤13	PASS
LTE Band7	10	20800	50	#0	QPSK	26.82	21.85	4.97	≤13	PASS
LTE Band7	10	21100	50	#0	QPSK	27.05	21.87	5.18	≤13	PASS
LTE Band7	10	21400	50	#0	QPSK	25.93	20.50	5.43	≤13	PASS
LTE Band7	15	20825	75	#0	QPSK	26.52	20.92	5.60	≤13	PASS
LTE Band7	15	21100	75	#0	QPSK	27.42	21.92	5.50	≤13	PASS
LTE Band7	15	2≤1375	75	#0	QPSK	26.37	20.52	5.85	≤13	PASS
LTE Band7	20	20850	100	#0	QPSK	25.62	20.13	5.49	≤13	PASS
LTE Band7	20	21100	100	#0	QPSK	26.99	21.73	5.26	≤13	PASS
LTE Band7	20	2≤1350	100	#0	QPSK	26.08	20.43	5.65	≤13	PASS
LTE Band7	5	20775	25	#0	16QAM	27.24	21.71	5.53	≤13	PASS
LTE Band7	5	21100	25	#0	16QAM	27.13	21.10	6.03	≤13	PASS
LTE Band7	5	21425	25	#0	16QAM	26.37	20.18	6.19	≤13	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
LTE Band66	1.4	≤131979	6	#0	QPSK	27.55	21.84	5.71	≤13	PASS
LTE Band66	1.4	≤132322	6	#0	QPSK	27.55	21.99	5.56	≤13	PASS
LTE Band66	1.4	≤132665	6	#0	QPSK	27.36	21.88	5.48	≤13	PASS
LTE Band66	3	≤131987	15	#0	QPSK	27.51	21.82	5.69	≤13	PASS
LTE Band66	3	≤132322	15	#0	QPSK	27.45	21.97	5.48	≤13	PASS
LTE Band66	3	≤132657	15	#0	QPSK	27.35	21.90	5.45	≤13	PASS
LTE Band66	5	≤131997	25	#0	QPSK	27.55	21.88	5.67	≤13	PASS
LTE Band66	5	≤132322	25	#0	QPSK	27.52	21.99	5.53	≤13	PASS
LTE Band66	5	≤132647	25	#0	QPSK	27.39	21.90	5.49	≤13	PASS
LTE Band66	10	≤132022	50	#0	QPSK	27.39	21.71	5.68	≤13	PASS
LTE Band66	10	≤132322	50	#0	QPSK	27.34	21.78	5.56	≤13	PASS
LTE Band66	10	≤132622	50	#0	QPSK	27.07	21.60	5.47	≤13	PASS
LTE Band66	15	≤132047	75	#0	QPSK	27.97	21.98	5.99	≤13	PASS
LTE Band66	15	≤132322	75	#0	QPSK	27.72	21.84	5.88	≤13	PASS
LTE Band66	15	≤132597	75	#0	QPSK	27.56	21.65	5.91	≤13	PASS
LTE Band66	20	≤132072	100	#0	QPSK	27.67	22.12	5.55	≤13	PASS
LTE Band66	20	≤132322	100	#0	QPSK	27.39	21.79	5.60	≤13	PASS
LTE Band66	20	≤132572	100	#0	QPSK	27.21	21.52	5.69	≤13	PASS
LTE Band66	1.4	≤131979	6	#0	16QAM	27.44	21.04	6.40	≤13	PASS
LTE Band66	1.4	≤132322	6	#0	16QAM	27.54	21.27	6.27	≤13	PASS
LTE Band66	1.4	≤132665	6	#0	16QAM	27.54	21.22	6.32	≤13	PASS
LTE Band66	3	≤131987	15	#0	16QAM	27.50	21.05	6.45	≤13	PASS
LTE Band66	3	≤132322	15	#0	16QAM	27.59	21.26	6.33	≤13	PASS
LTE Band66	3	≤132657	15	#0	16QAM	27.47	21.16	6.31	≤13	PASS
LTE Band66	5	≤131997	25	#0	16QAM	27.34	21.00	6.34	≤13	PASS
LTE Band66	5	≤132322	25	#0	16QAM	27.51	21.22	6.29	≤13	PASS
LTE Band66	5	≤132647	25	#0	16QAM	27.33	21.10	6.23	≤13	PASS

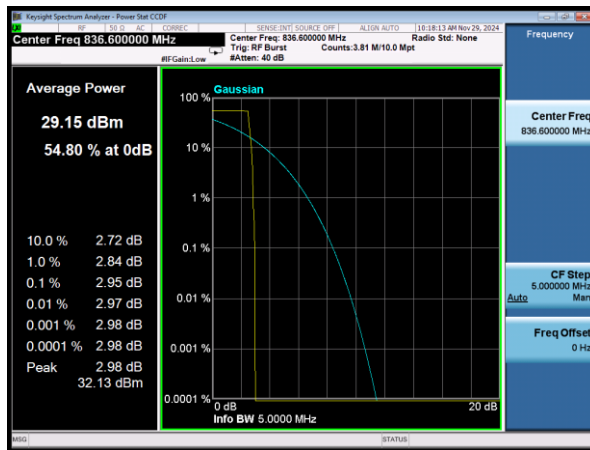
GSM 850 GPRS CH-Low



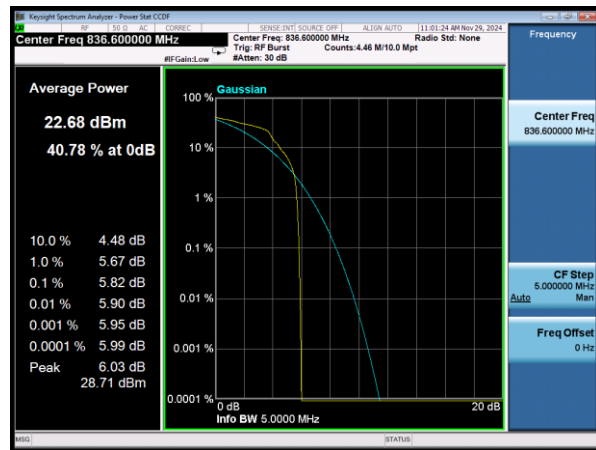
GSM 850 EGPRS CH-Low



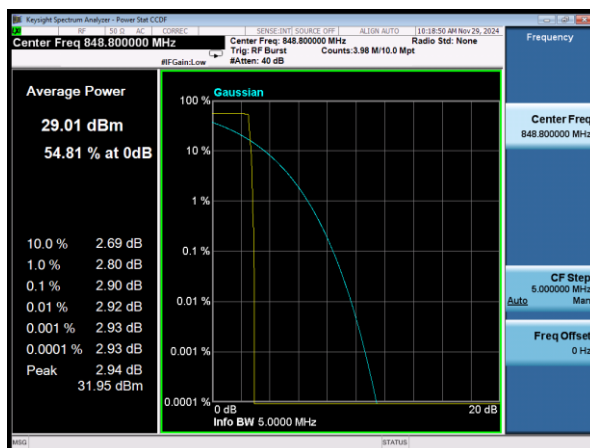
GSM 850 GPRS CH-Middle



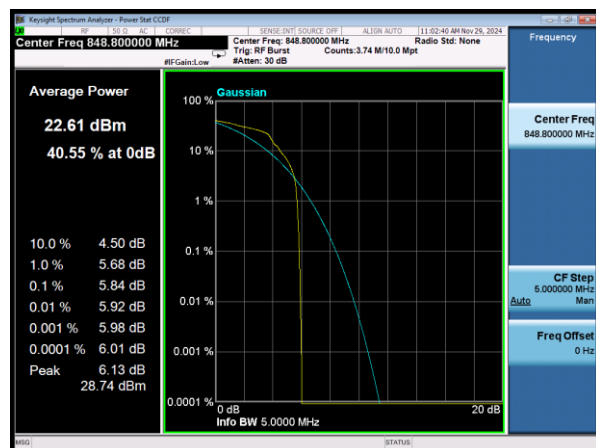
GSM 850 EGPRS CH-Middle



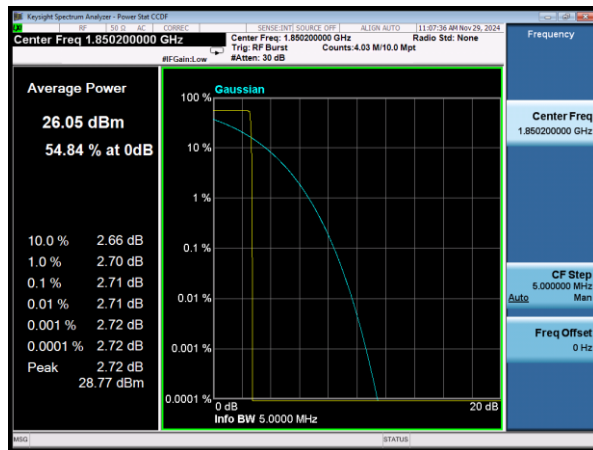
GSM 850 GPRS CH-High



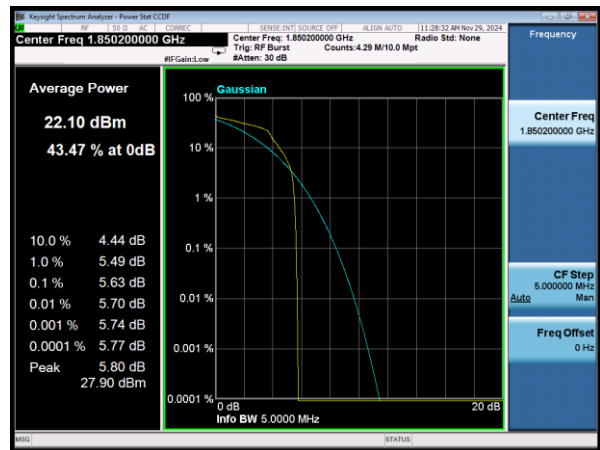
GSM 850 EGPRS CH-High



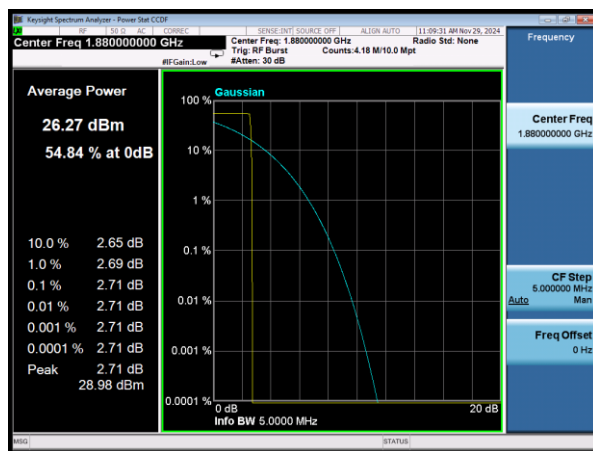
GSM 1900 GPRS CH-Low



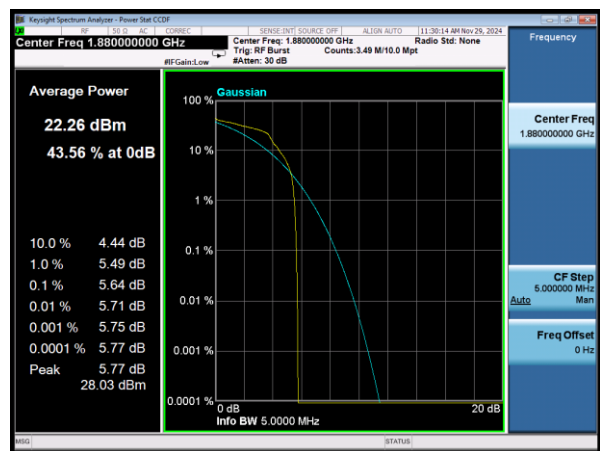
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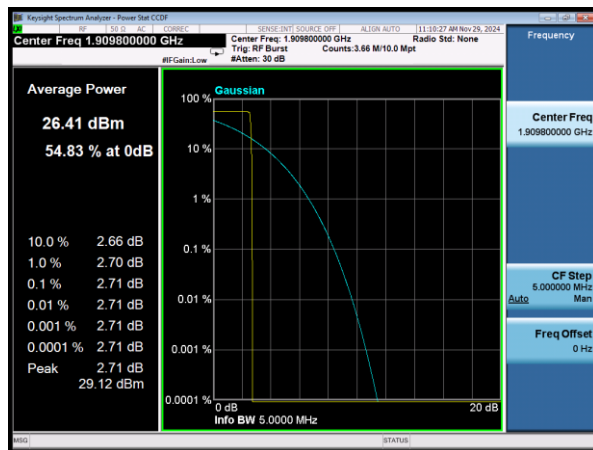
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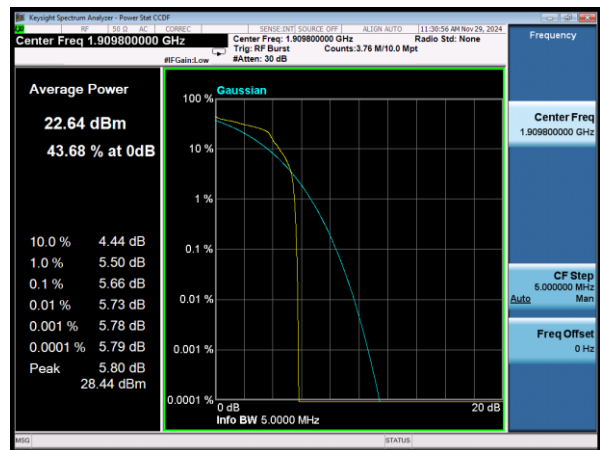
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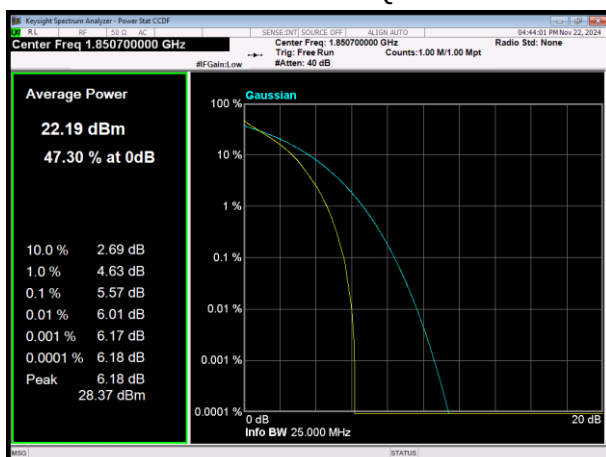
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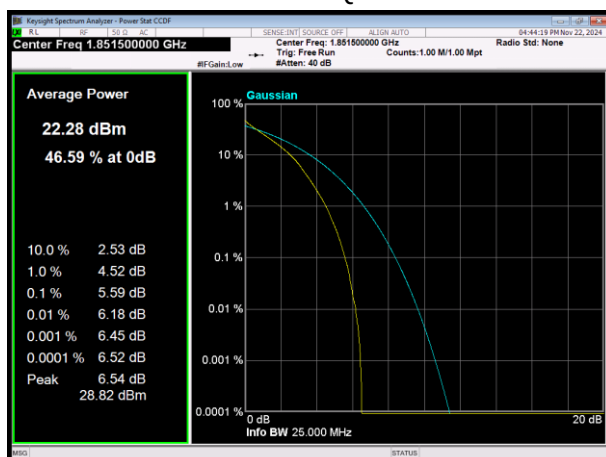
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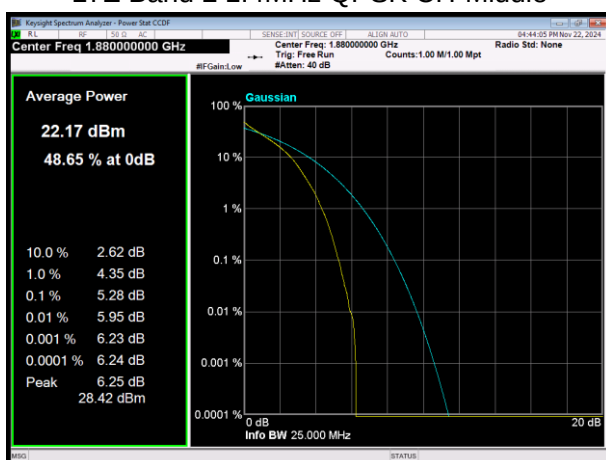
LTE Band 2 1.4MHz QPSK CH-Low



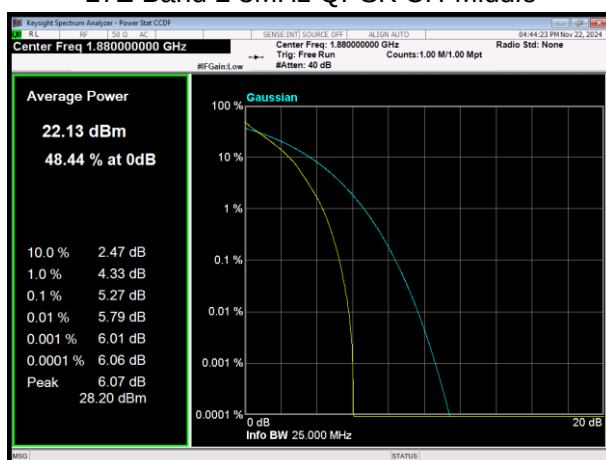
LTE Band 2 3MHz QPSK CH-Low



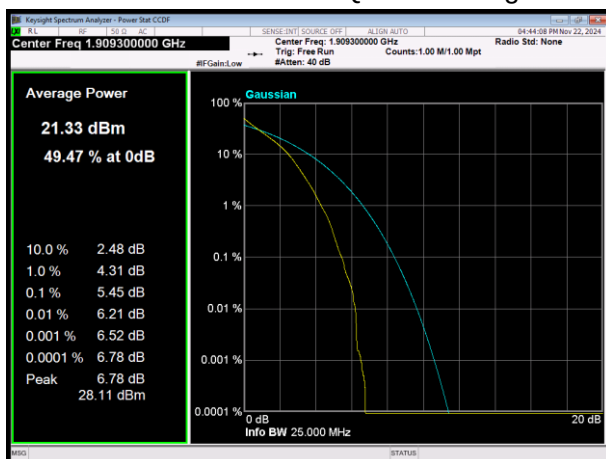
LTE Band 2 1.4MHz QPSK CH-Middle



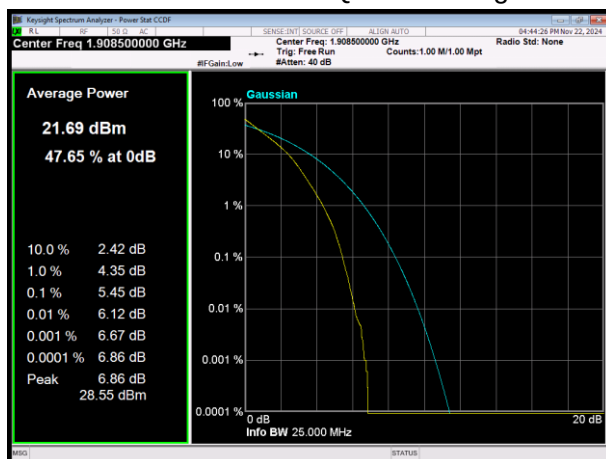
LTE Band 2 3MHz QPSK CH-Middle



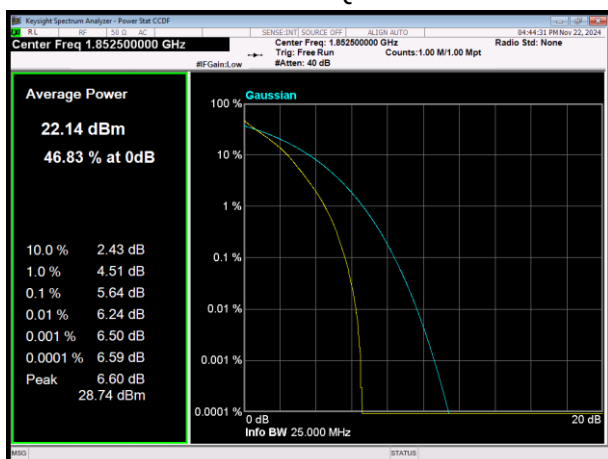
LTE Band 2 1.4MHz QPSK CH-High



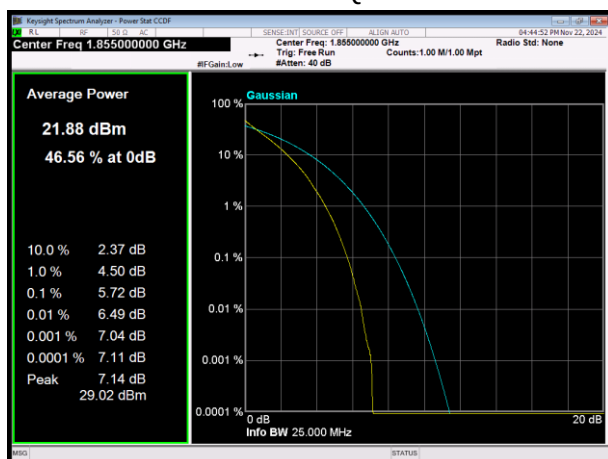
LTE Band 2 3MHz QPSK CH-High



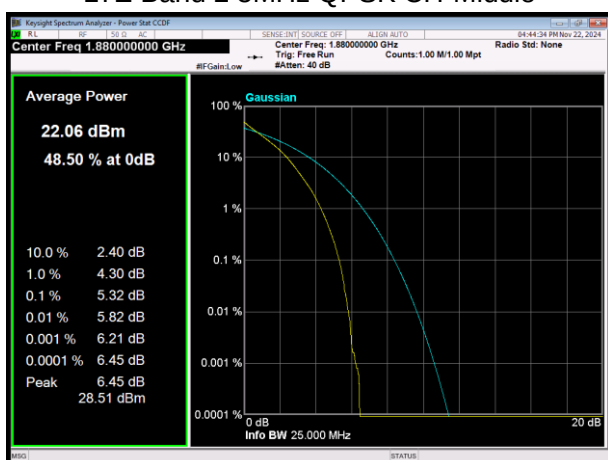
LTE Band 2 5MHz QPSK CH-Low



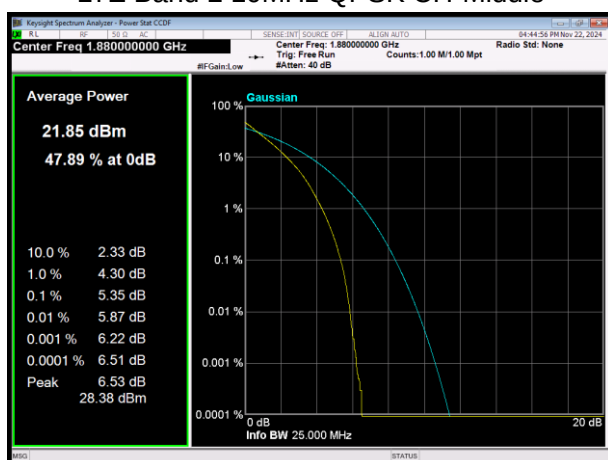
LTE Band 2 10MHz QPSK CH-Low



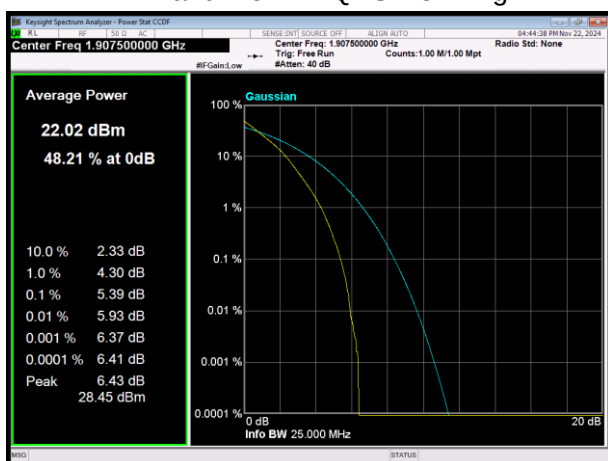
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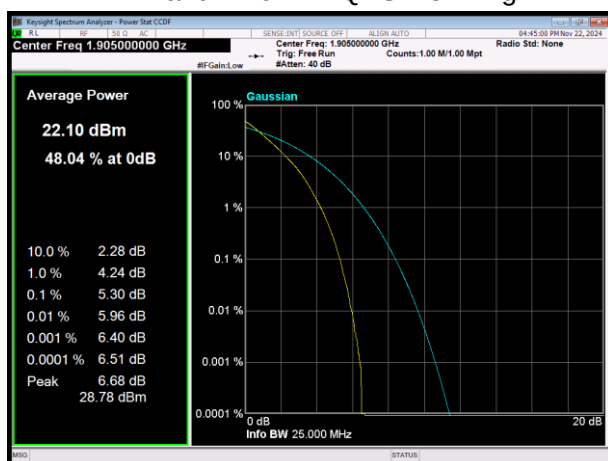
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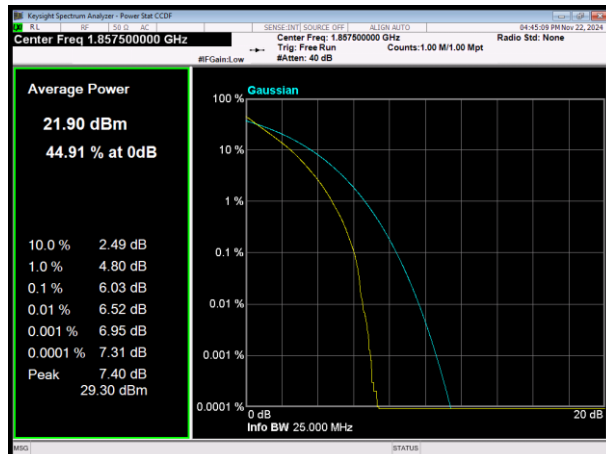
LTE Band 2 5MHz QPSK CH-High



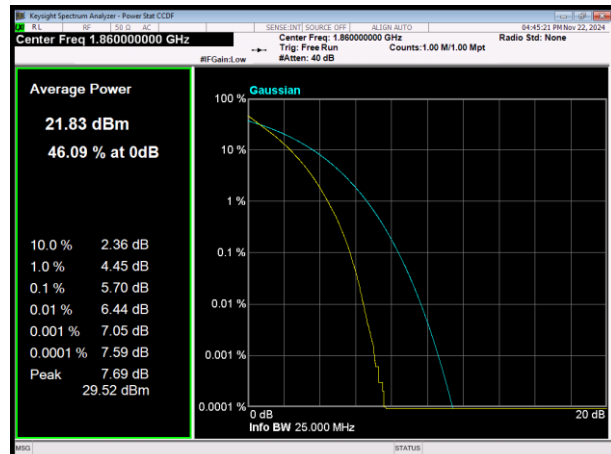
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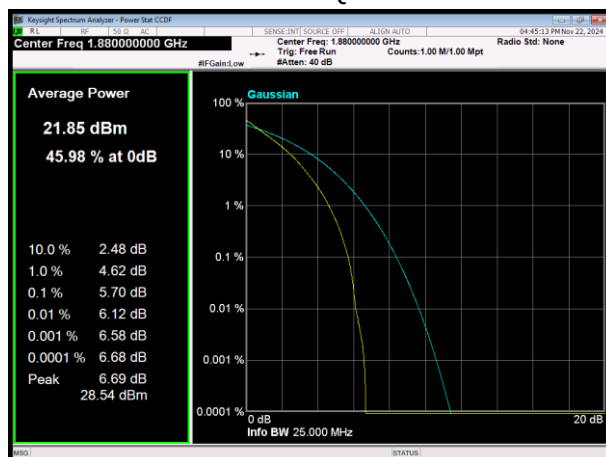
LTE Band 2 15MHz QPSK CH-Low



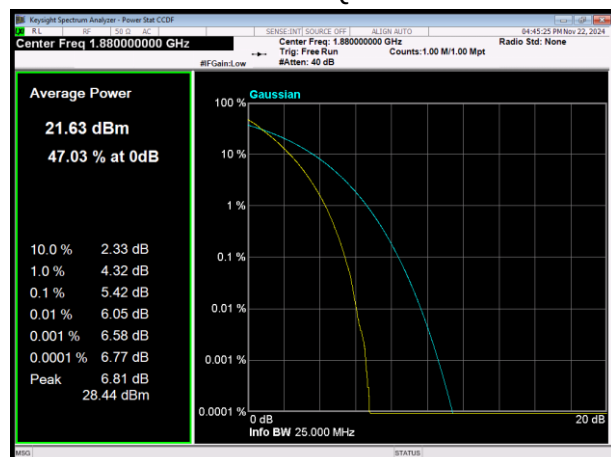
LTE Band 2 20MHz QPSK CH-Low



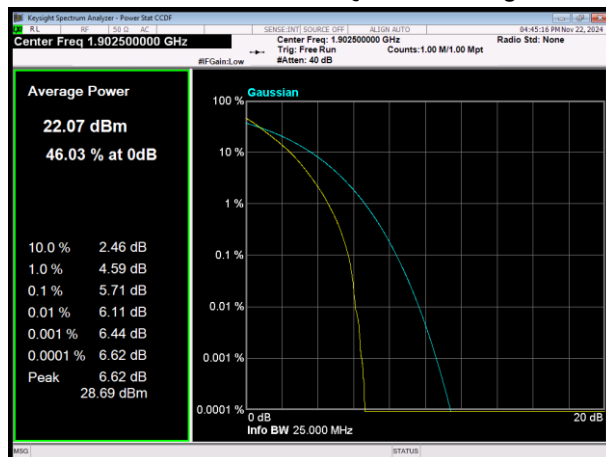
LTE Band 2 15MHz QPSK CH-Middle



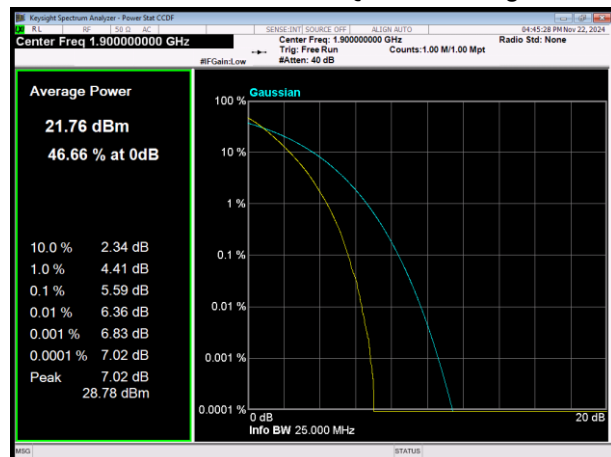
LTE Band 2 20MHz QPSK CH-Middle



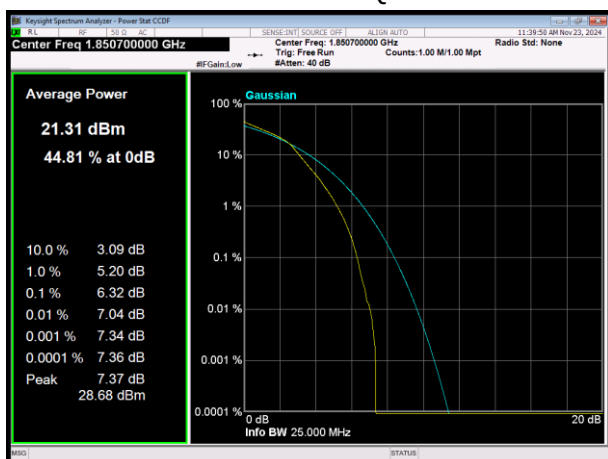
LTE Band 2 15MHz QPSK CH-High



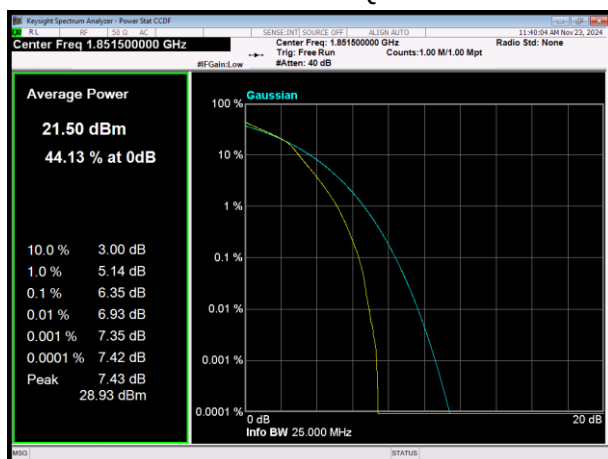
LTE Band 2 20MHz QPSK CH-High



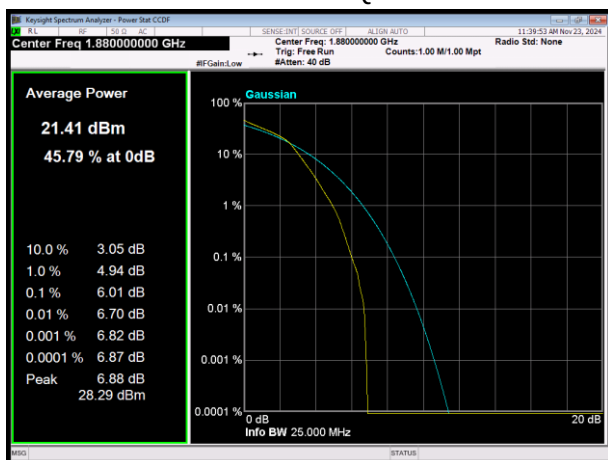
LTE Band 2 1.4MHz 16QAM CH-Low



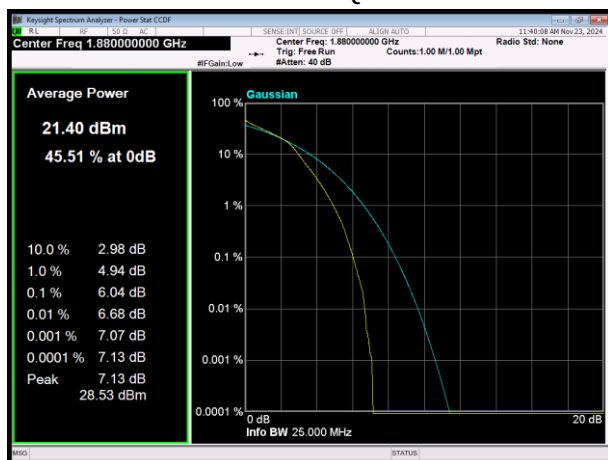
LTE Band 2 3MHz 16QAM CH-Low



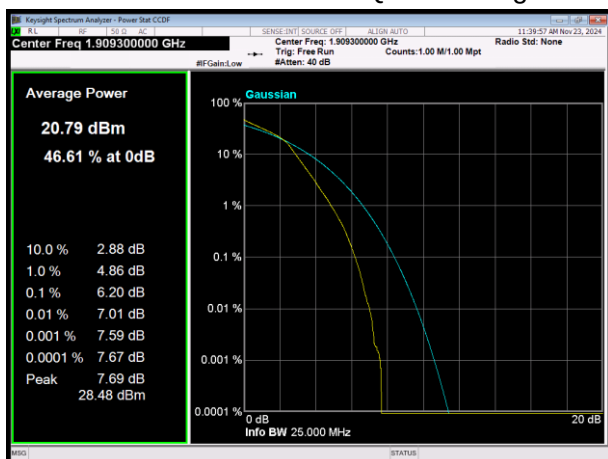
LTE Band 2 1.4MHz 16QAM CH-Middle



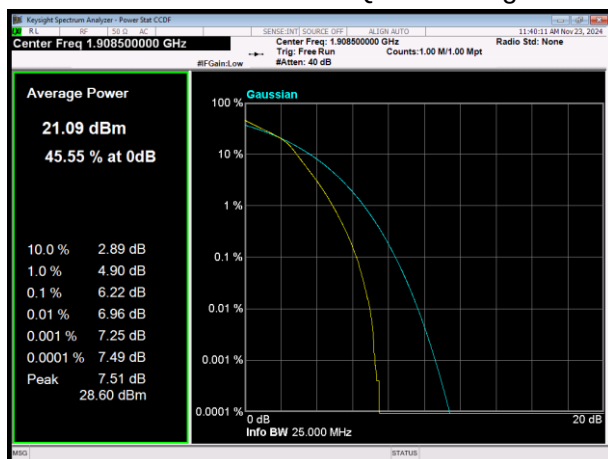
LTE Band 2 3MHz 16QAM CH-Middle



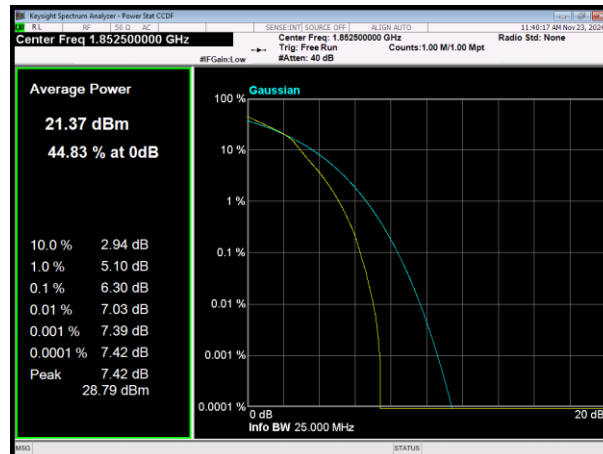
LTE Band 2 1.4MHz 16QAM CH-High



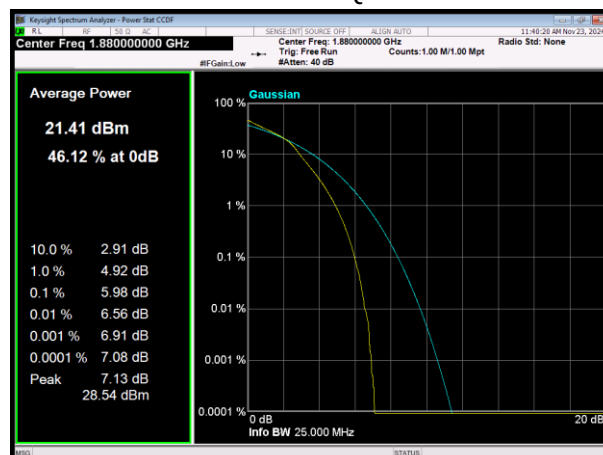
LTE Band 2 3MHz 16QAM CH-High



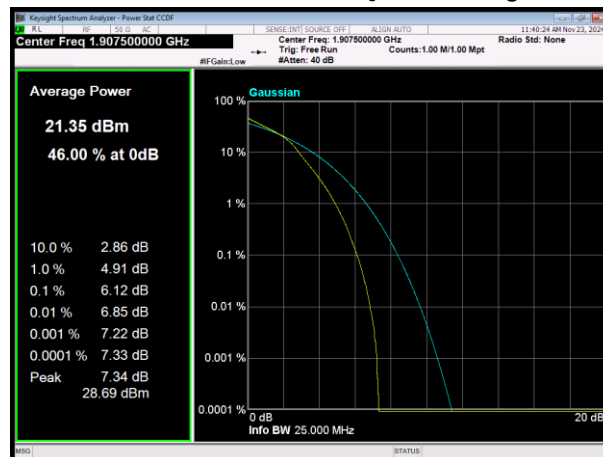
LTE Band 2 5MHz 16QAM CH-Low



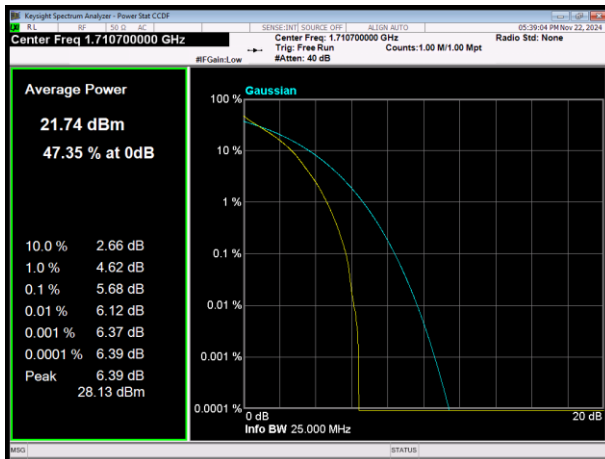
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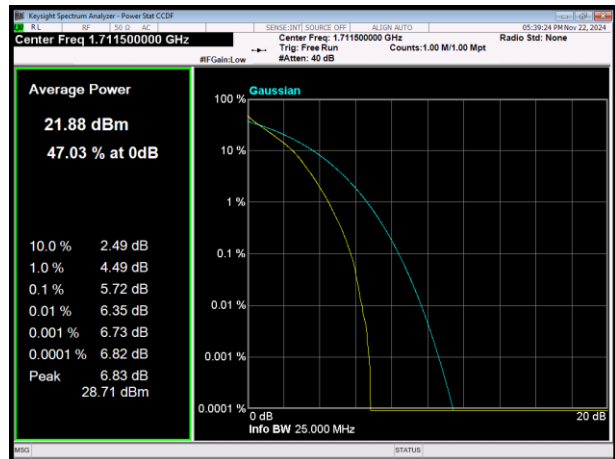
LTE Band 2 5MHz 16QAM CH-High



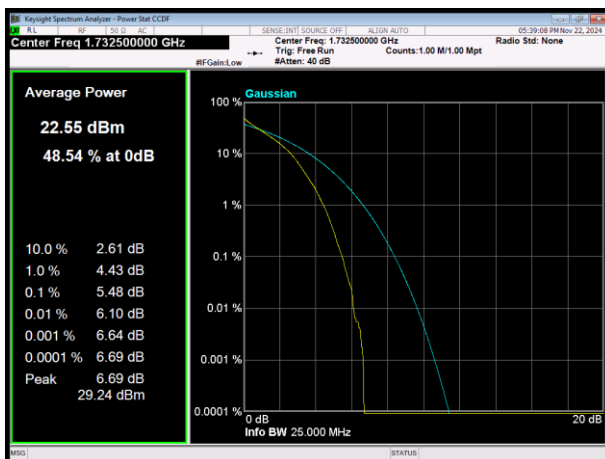
LTE Band 4 QPSK 1.4MHz CH-Low



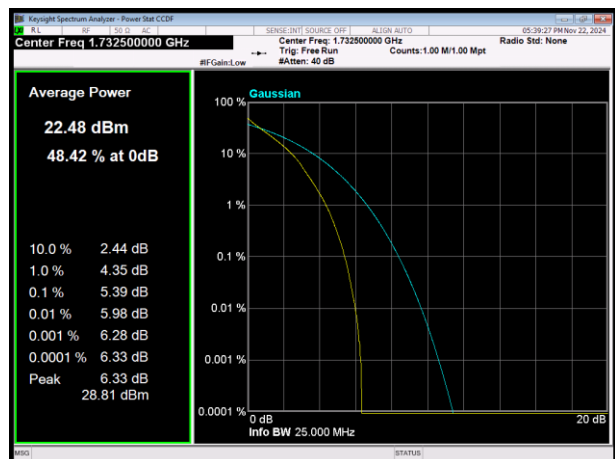
LTE Band 4 QPSK 3MHz CH-Low



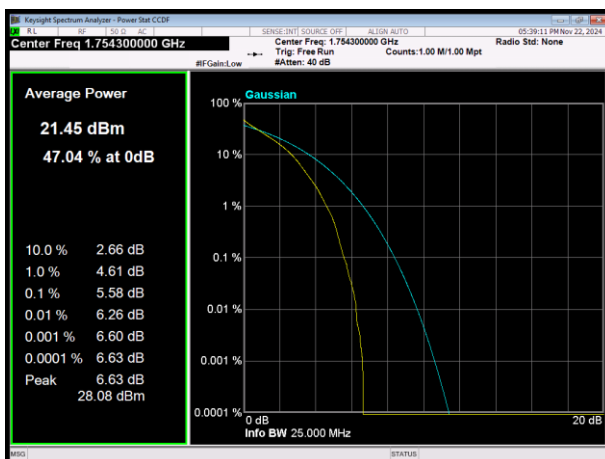
LTE Band 4 QPSK 1.4MHz CH-Middle



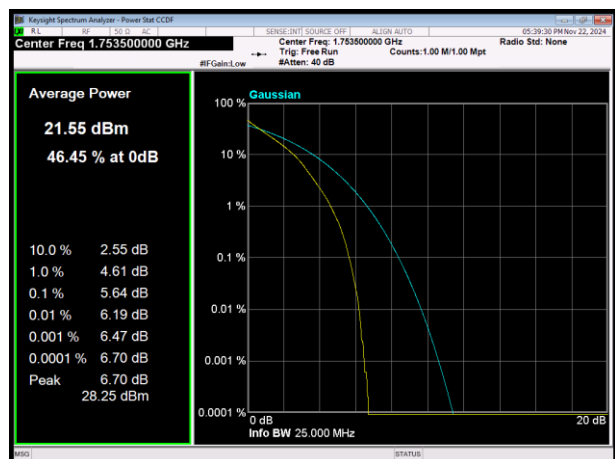
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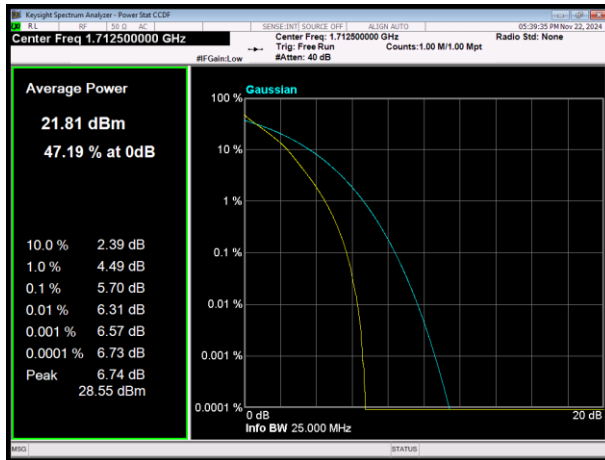
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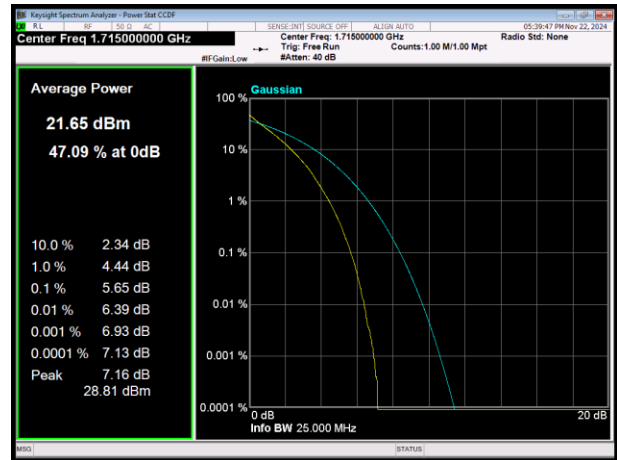
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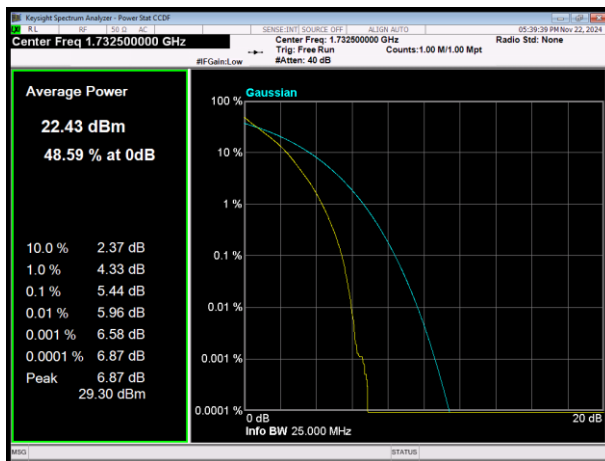
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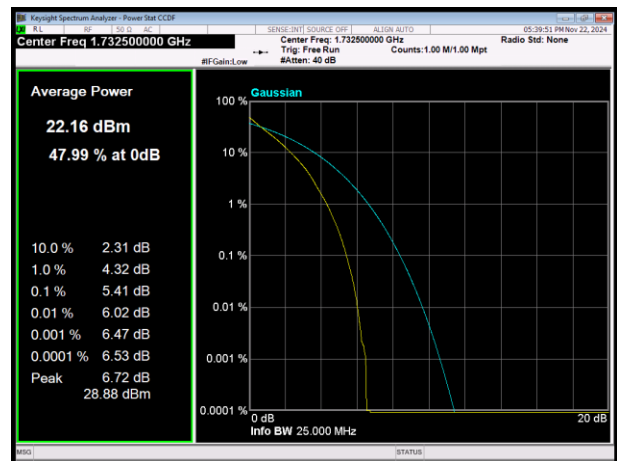
LTE Band 4 QPSK 10MHz CH-Low



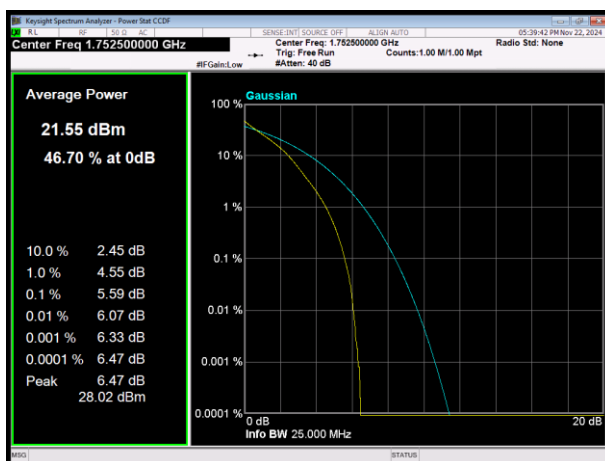
LTE Band 4 QPSK 5MHz CH-Middle



LTE Band 4 QPSK 10MHz CH-Middle



LTE Band 4 QPSK 5MHz CH-High



LTE Band 4 QPSK 10MHz CH-High

