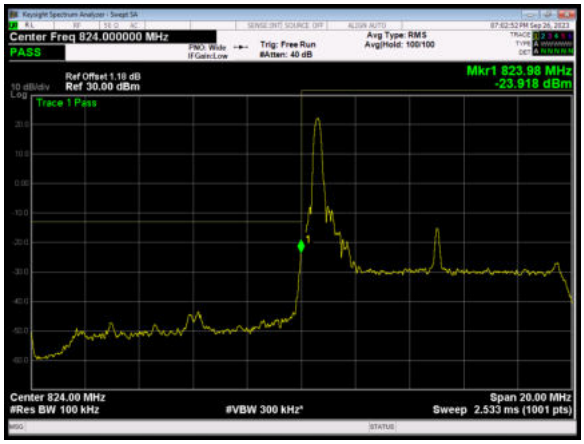
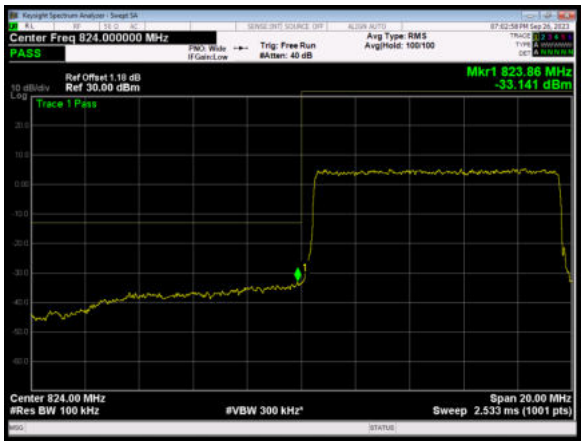
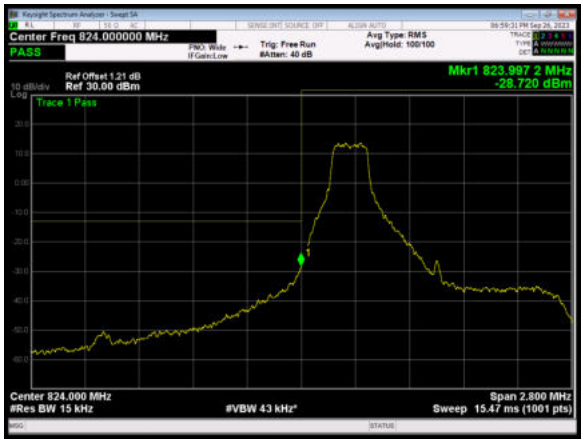
LTE Band 5 QPSK 10MHz CH-Low 1RB	LTE Band 5 QPSK 10MHz CH-High 1RB
	
LTE Band 5 QPSK 10MHz CH-Low 100%RB	LTE Band 5 QPSK 10MHz CH-High 100%RB
	
LTE Band 5 16QAM 1.4MHz CH-Low 1RB	LTE Band 5 16QAM 1.4MHz CH-High 1RB
	

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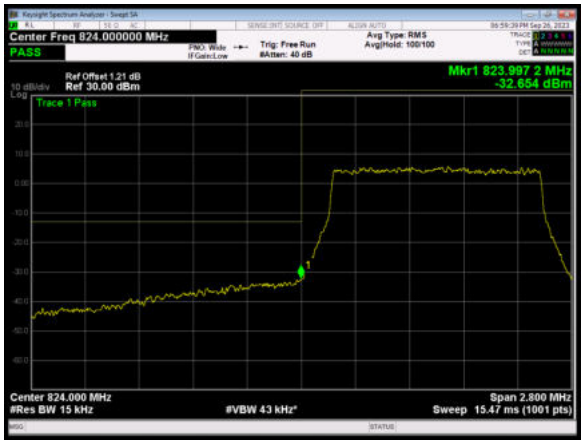
LTE Band 5 16QAM 1.4MHz CH-Low 100%RB	LTE Band 5 16QAM 1.4MHz CH-High 100%RB
	
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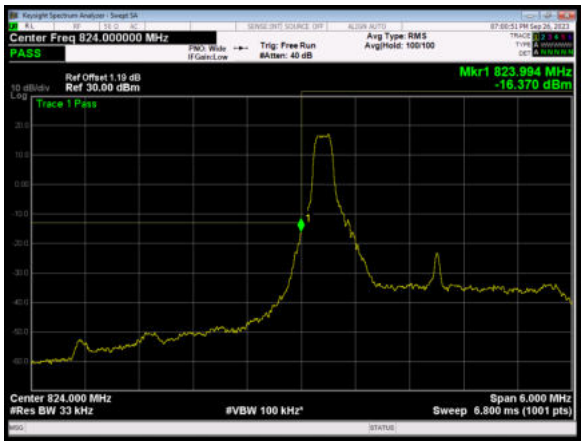
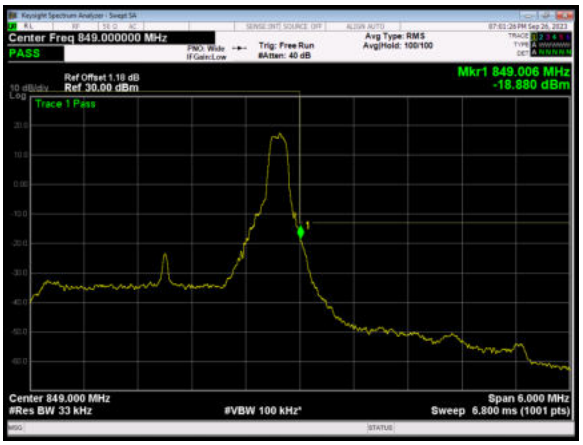
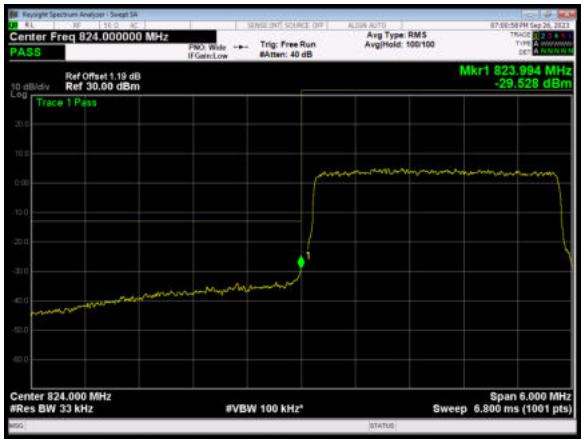
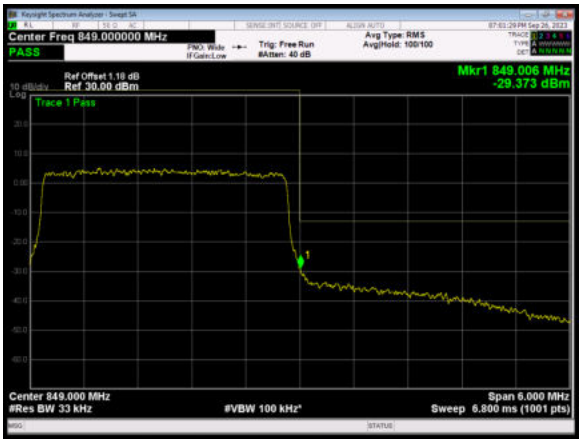
	
LTE Band 5 16QAM 3MHz CH-Low 100%RB	LTE Band 5 16QAM 3MHz CH-High 100%RB
	

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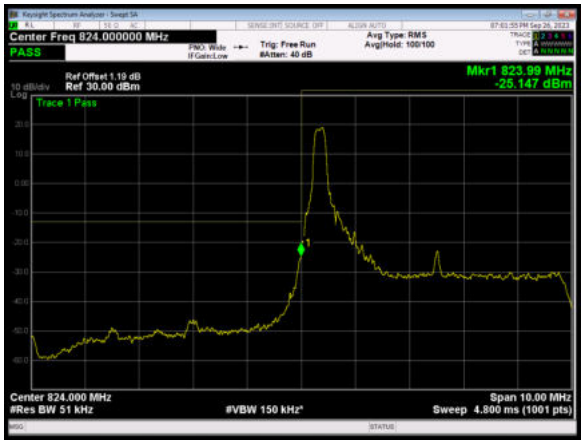
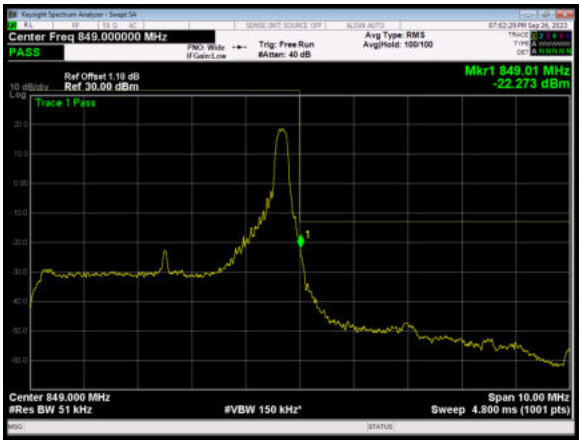
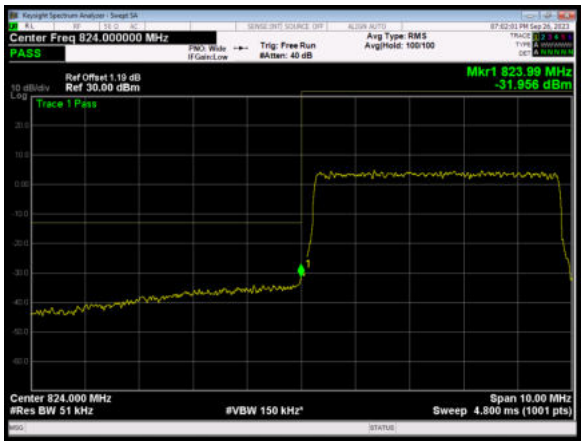
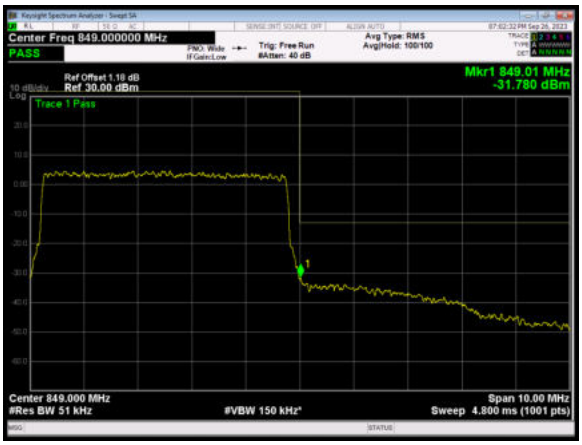
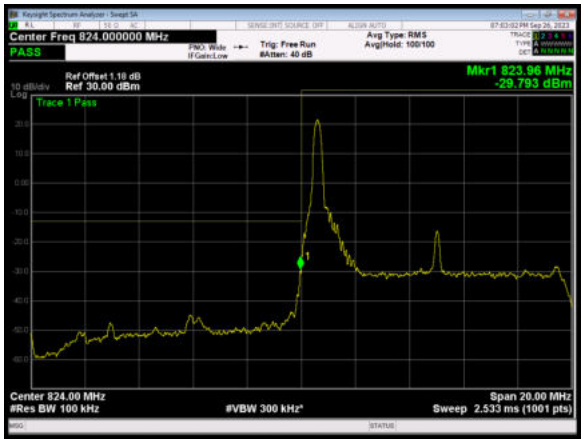
LTE Band 5 16QAM 5MHz CH-Low 1RB	LTE Band 5 16QAM 5MHz CH-High 1RB
	
LTE Band 5 16QAM 5MHz CH-Low 100%RB	LTE Band 5 16QAM 5MHz CH-High 100%RB
	
LTE Band 5 16QAM 10MHz CH-Low 1RB	LTE Band 5 16QAM 10MHz CH-High 1RB
	

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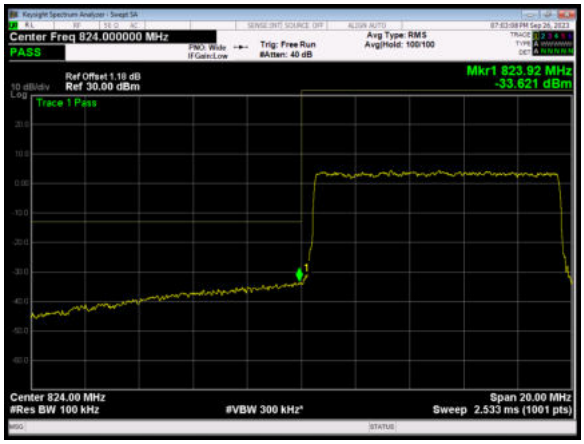
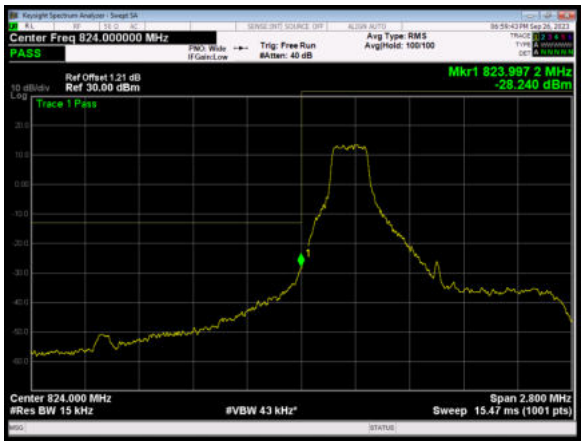
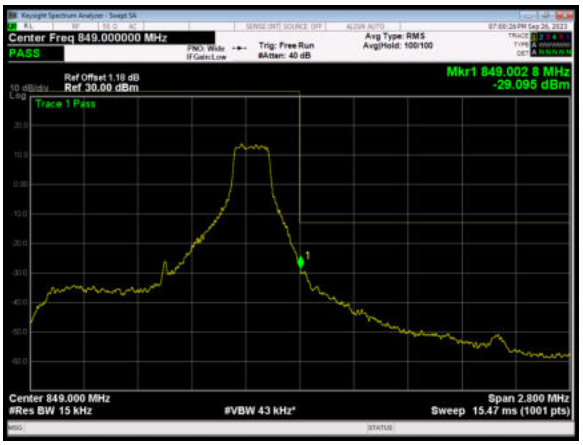
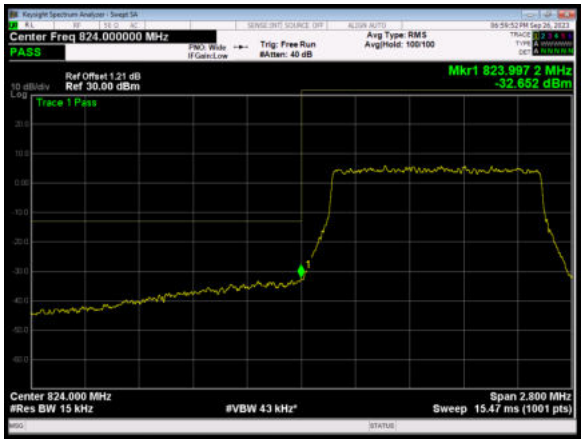
LTE Band 5 16QAM 10MHz CH-Low 100%RB	LTE Band 5 16QAM 10MHz CH-High 100%RB
	
LTE Band 5 64QAM 1.4MHz CH-Low 1RB	LTE Band 5 64QAM 1.4MHz CH-High 1RB
	
LTE Band 5 64QAM 1.4MHz CH-Low 100%RB	LTE Band 5 64QAM 1.4MHz CH-High 100%RB
	

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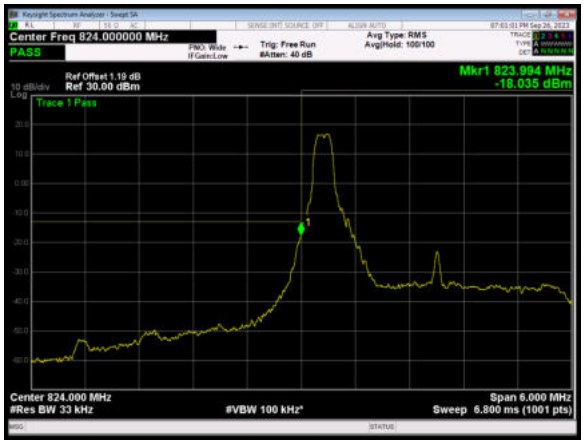
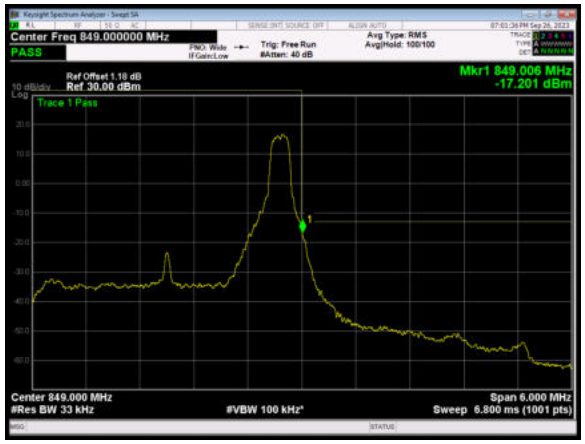
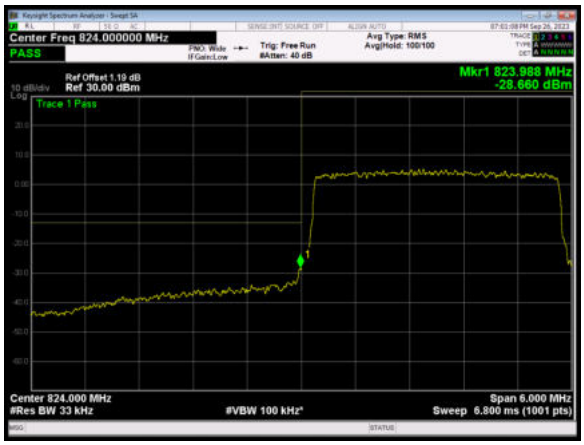
LTE Band 5 64QAM 3MHz CH-Low 1RB



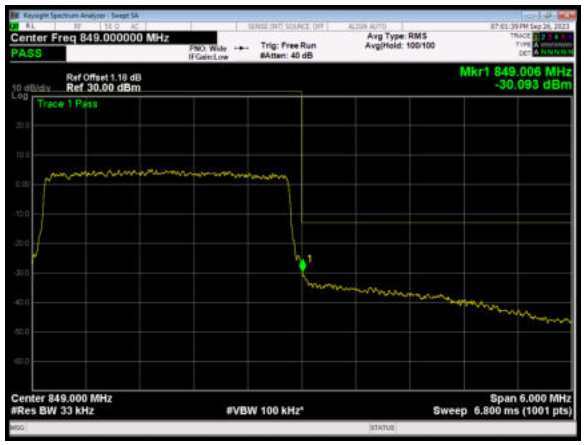
LTE Band 5 64QAM 3MHz CH-High 1RB



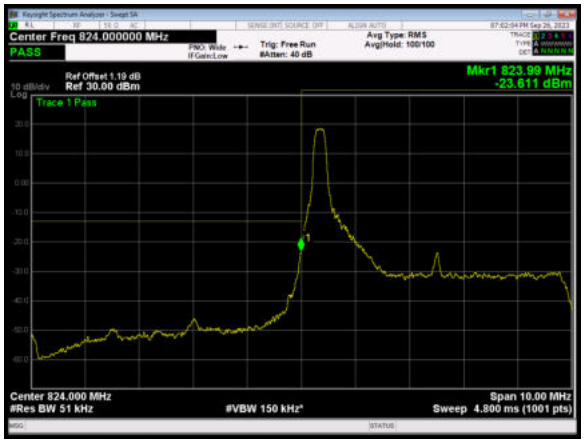
LTE Band 5 64QAM 3MHz CH-Low 100%RB



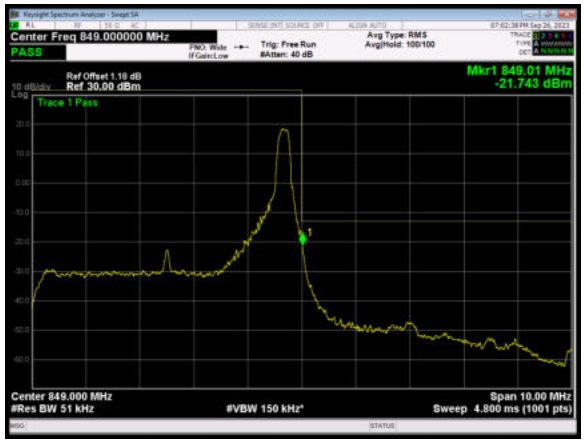
LTE Band 5 64QAM 3MHz CH-High 100%RB



LTE Band 5 64QAM 5MHz CH-Low 1RB



LTE Band 5 64QAM 5MHz CH-High 1RB



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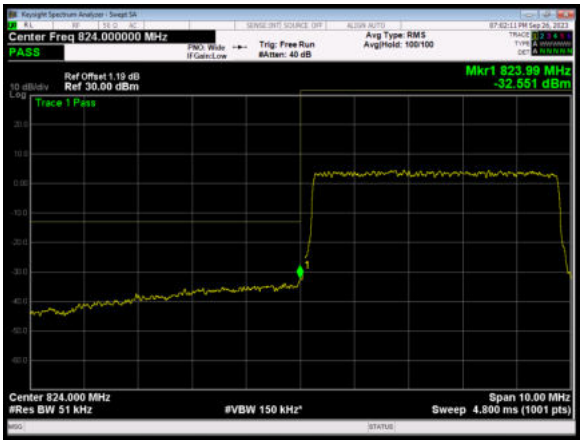
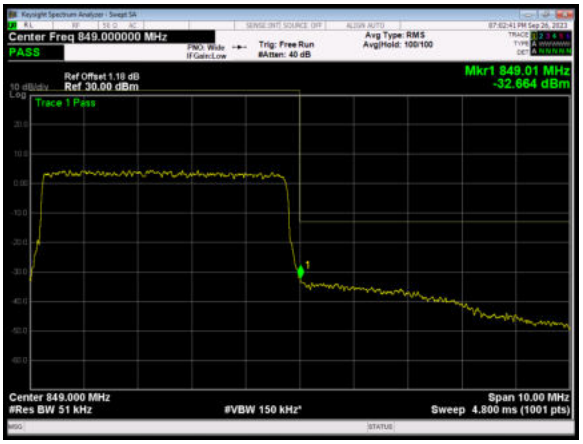
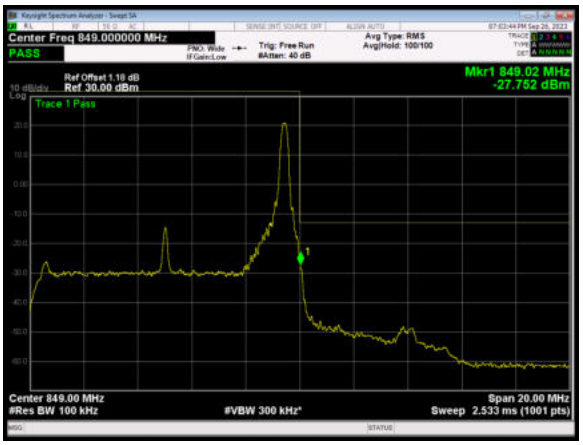
LTE Band 5 64QAM 5MHz CH-Low 100%RB	LTE Band 5 64QAM 5MHz CH-High 100%RB
	
LTE Band 5 64QAM 10MHz CH-Low 1RB	LTE Band 5 64QAM 10MHz CH-High 1RB
	
LTE Band 5 64QAM 10MHz CH-Low 100%RB	LTE Band 5 64QAM 10MHz CH-High 100%RB
	

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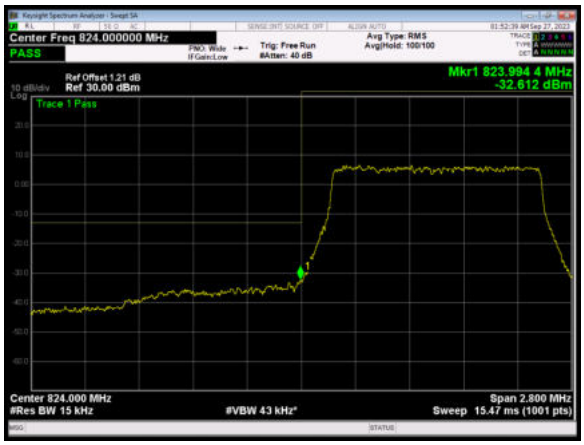
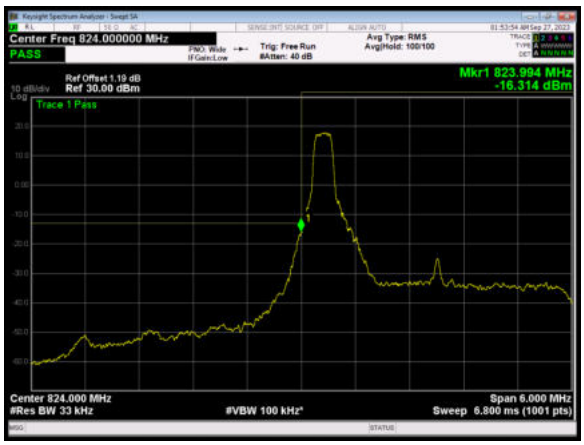
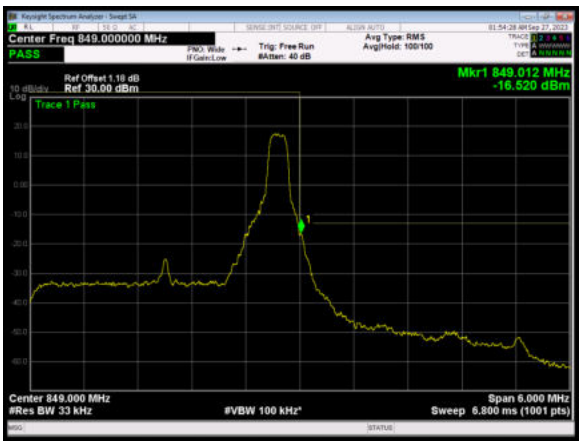
LTE Band 26 QPSK 1.4MHz CH-Low 1RB	LTE Band 26 QPSK 1.4MHz CH-High 1RB
	
LTE Band 26 QPSK 1.4MHz CH-Low 100%RB	LTE Band 26 QPSK 1.4MHz CH-High 100%RB
	
LTE Band 26 QPSK 3MHz CH-Low 1RB	LTE Band 26 QPSK 3MHz CH-High 1RB
	

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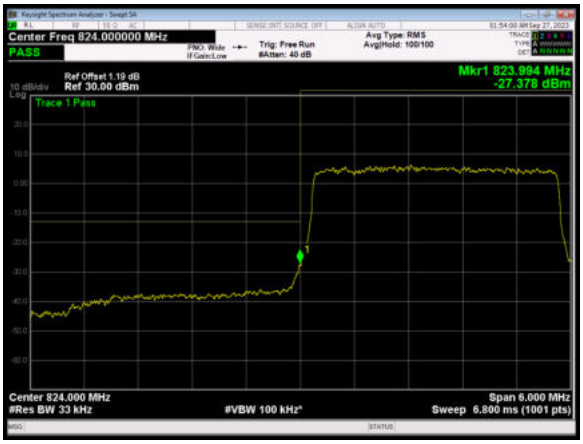
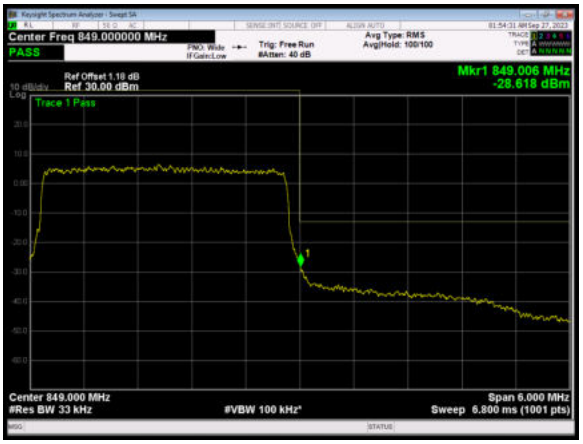
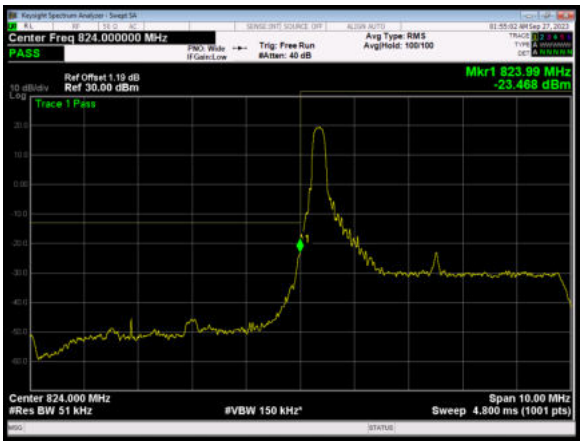
LTE Band 26 QPSK 3MHz CH-Low 100%RB



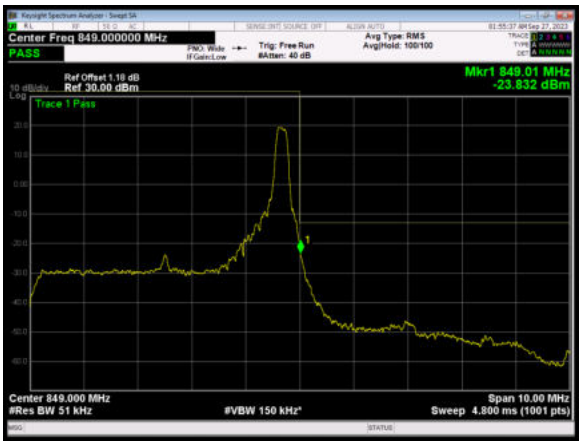
LTE Band 26 QPSK 3MHz CH-High 100%RB



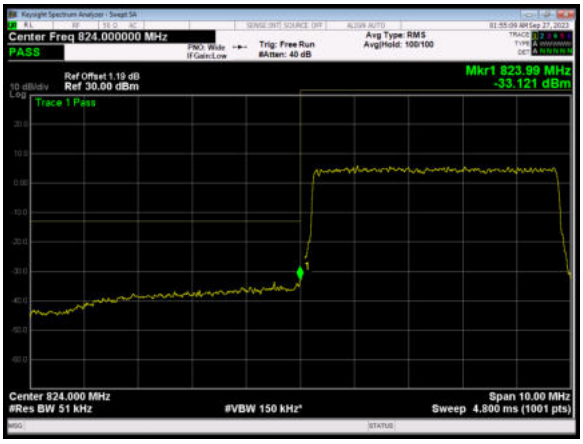
LTE Band 26 QPSK 5MHz CH-Low 1RB



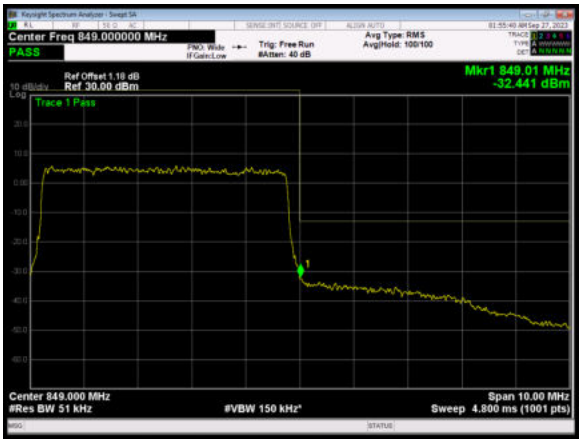
LTE Band 26 QPSK 5MHz CH-High 1RB



LTE Band 26 QPSK 5MHz CH-Low 100%RB



LTE Band 26 QPSK 5MHz CH-High 100%RB



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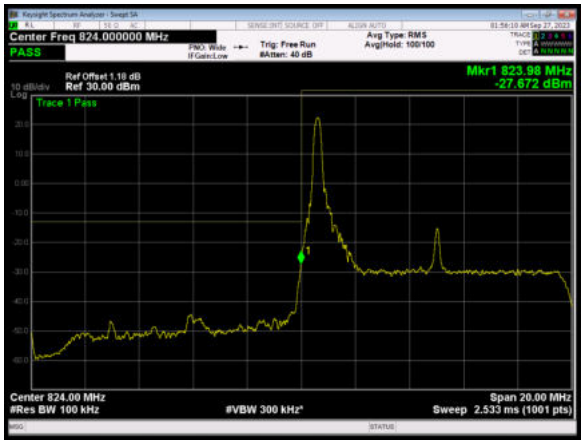
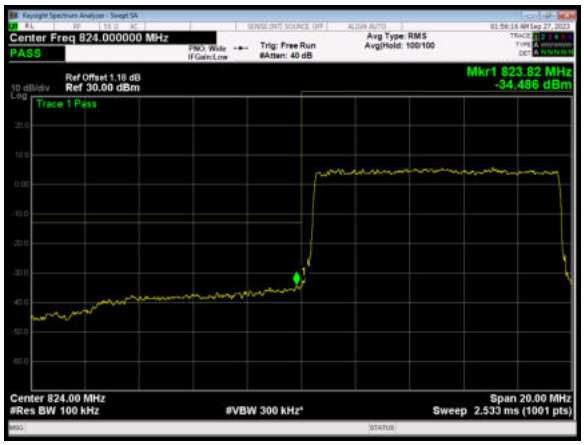
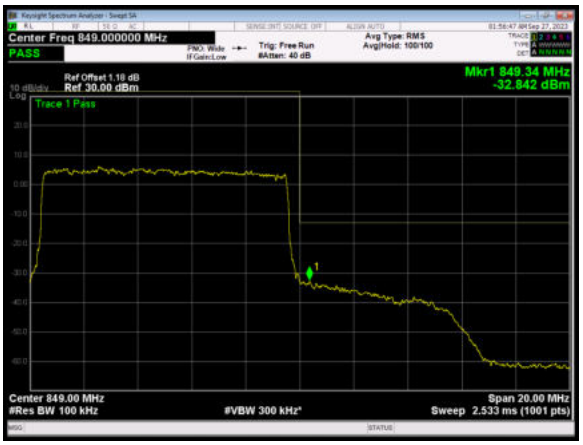
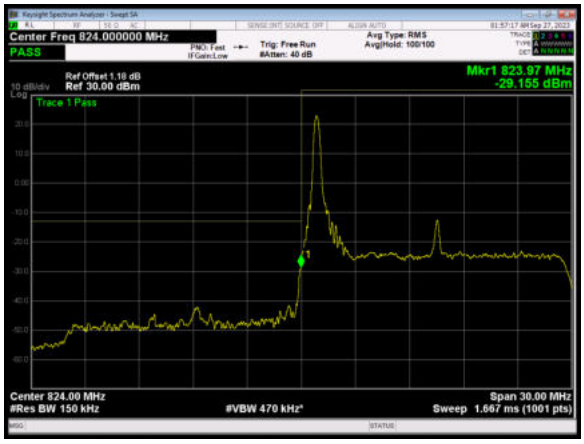
LTE Band 26 QPSK 10MHz CH-Low 1RB	LTE Band 26 QPSK 10MHz CH-High 1RB
	
LTE Band 26 QPSK 10MHz CH-Low 100%RB	LTE Band 26 QPSK 10MHz CH-High 100%RB
	
LTE Band 26 QPSK 15MHz CH-Low 1RB	LTE Band 26 QPSK 15MHz CH-High 1RB
	

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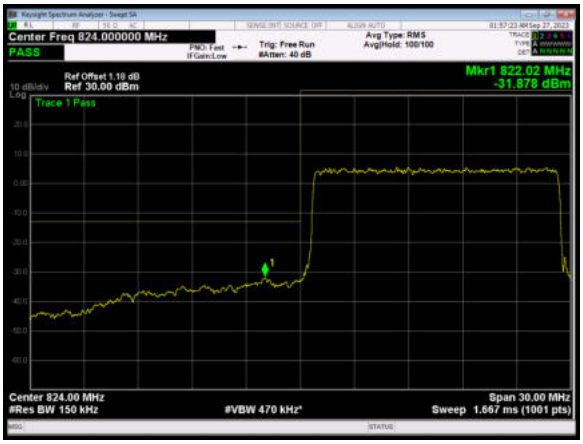
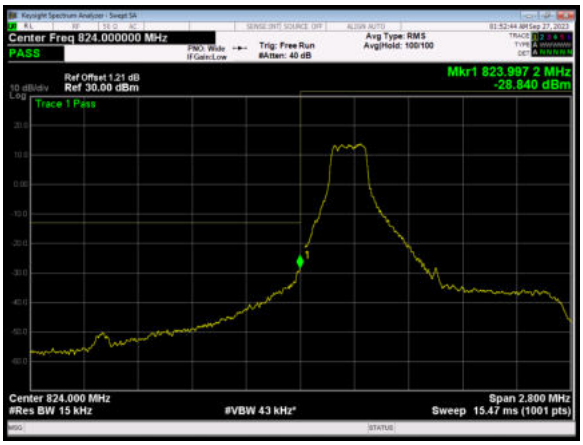
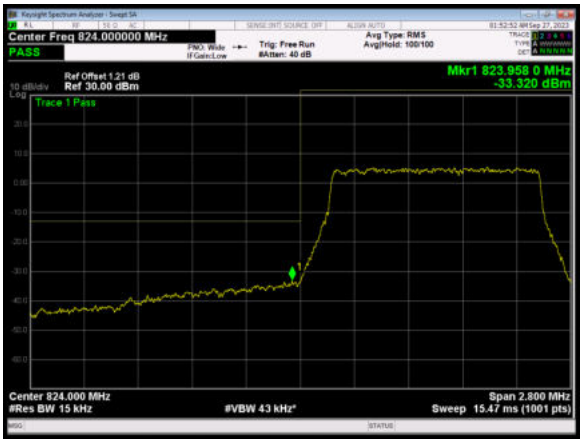
LTE Band 26 QPSK 15MHz CH-Low 100%RB	LTE Band 26 QPSK 15MHz CH-High 100%RB
	
LTE Band 26 16QAM 1.4MHz CH-Low 1RB	LTE Band 26 16QAM 1.4MHz CH-High 1RB
	
LTE Band 26 16QAM 1.4MHz CH-Low 100%RB	LTE Band 26 16QAM 1.4MHz CH-High 100%RB
	

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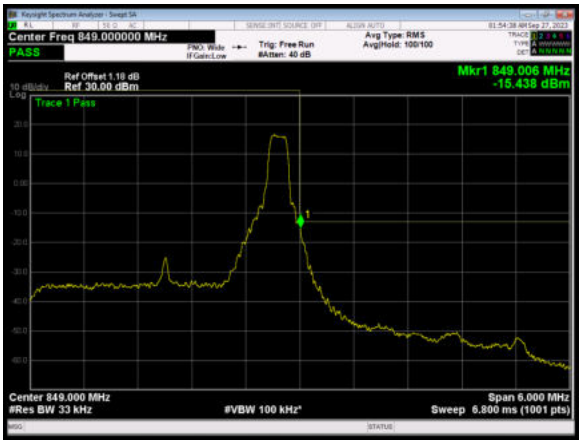
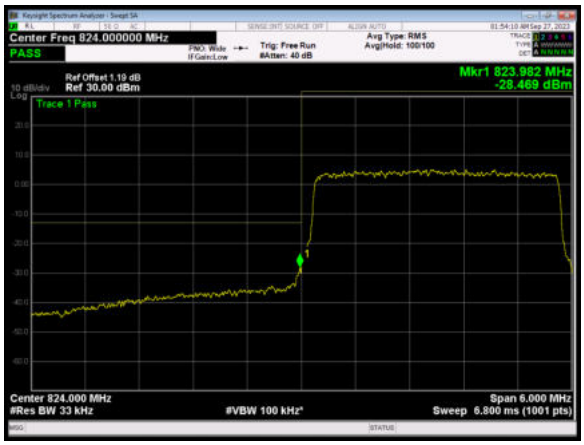
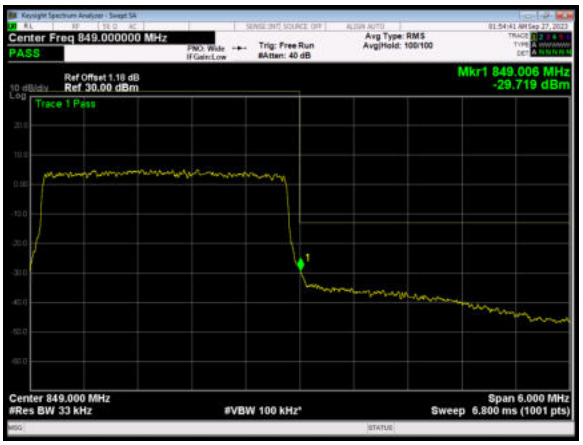
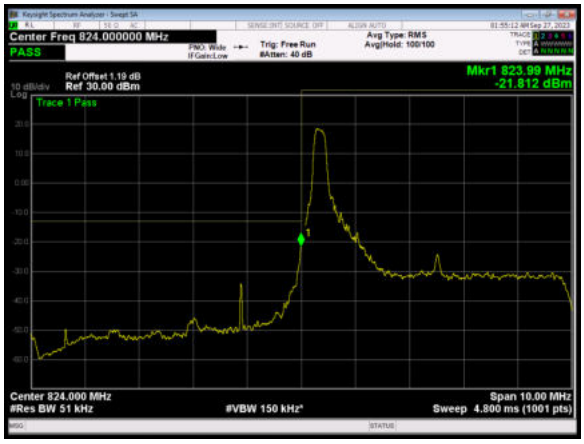
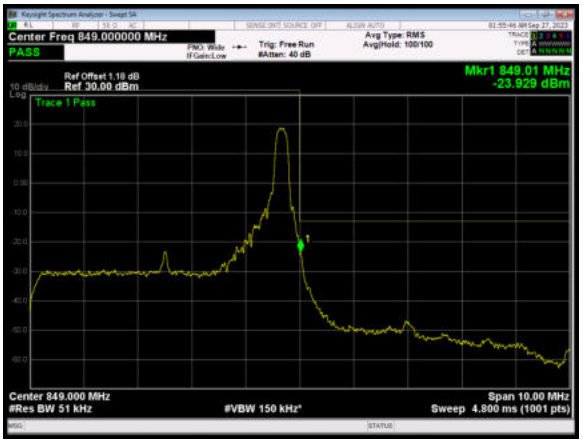
LTE Band 26 16QAM 3MHz CH-Low 1RB	LTE Band 2616QAM 3MHz CH-High 1RB
	
LTE Band 26 16QAM 3MHz CH-Low 100%RB	LTE Band 26 16QAM 3MHz CH-High 100%RB
	
LTE Band 26 16QAM 5MHz CH-Low 1RB	LTE Band 26 16QAM 5MHz CH-High 1RB
	

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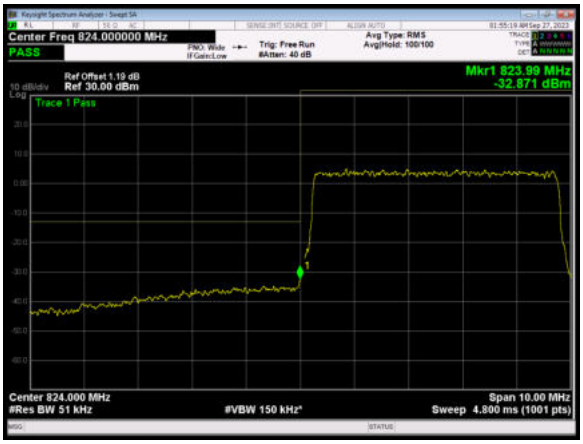
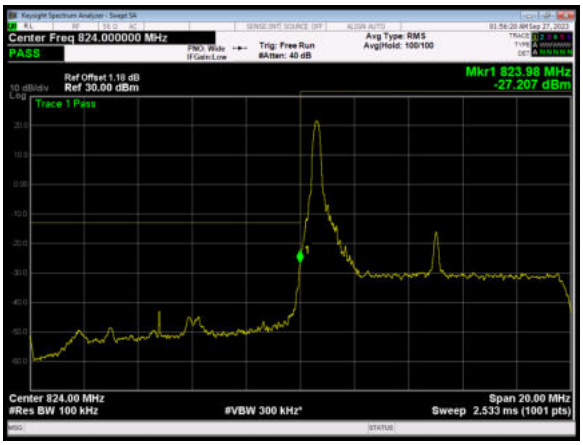
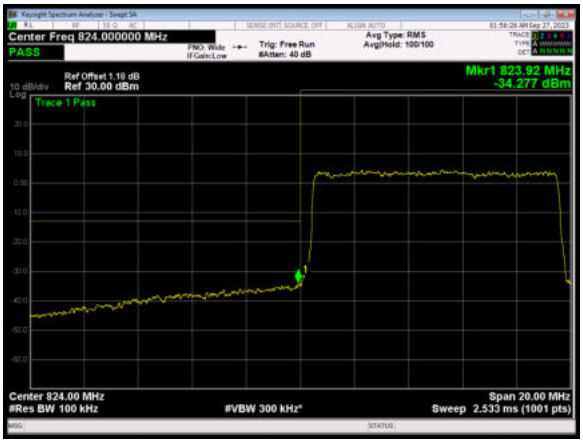
LTE Band 26 16QAM 5MHz CH-Low 100%RB	LTE Band 26 16QAM 5MHz CH-High 100%RB
	
LTE Band 26 16QAM 10MHz CH-Low 1RB	LTE Band 26 16QAM 10MHz CH-High 1RB
	
LTE Band 26 16QAM 10MHz CH-Low 100%RB	LTE Band 26 16QAM 10MHz CH-High 100%RB
	

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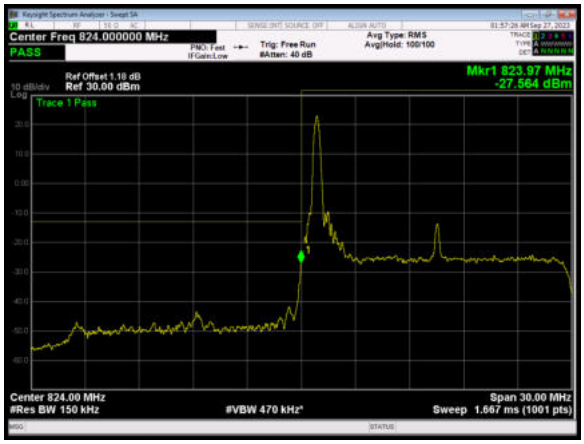
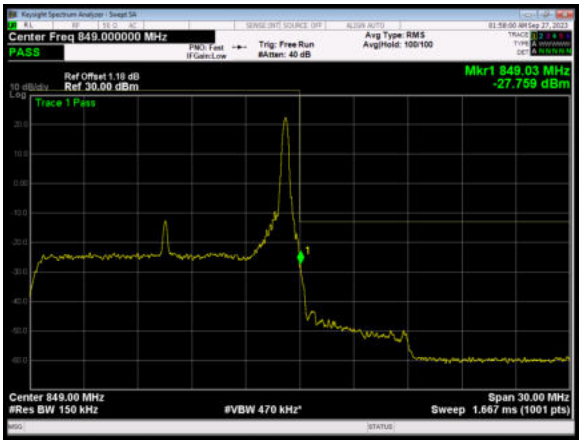
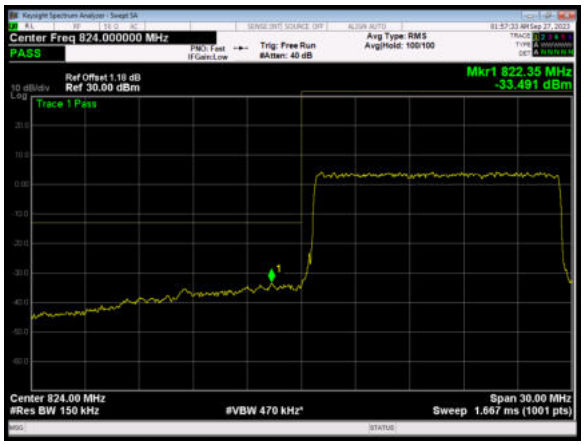
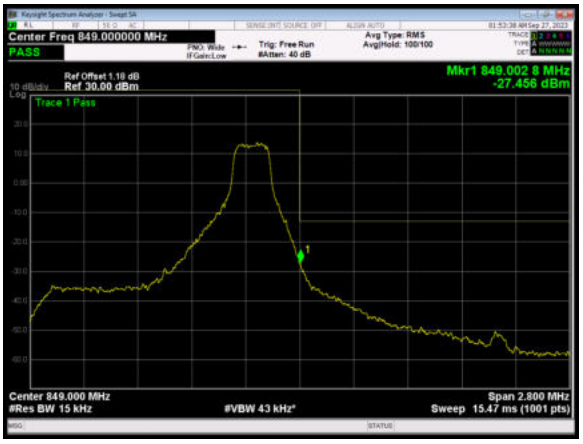
LTE Band 26 16QAM 15MHz CH-Low 1RB	LTE Band 26 16QAM 15MHz CH-High 1RB
	
LTE Band 26 16QAM 15MHz CH-Low 100%RB	LTE Band 26 16QAM 15MHz CH-High 100%RB
	
LTE Band 26 64QAM 1.4MHz CH-Low 1RB	LTE Band 26 64QAM 1.4MHz CH-High 1RB
	

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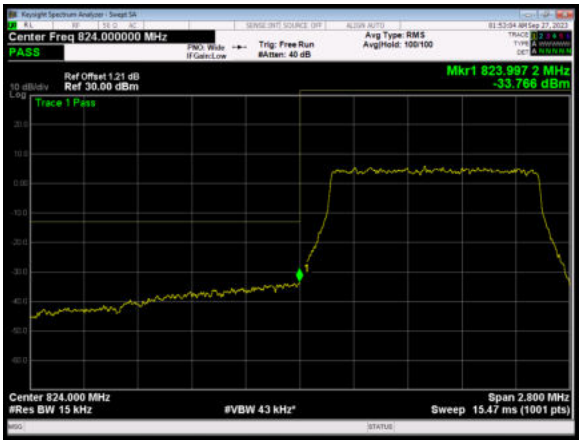
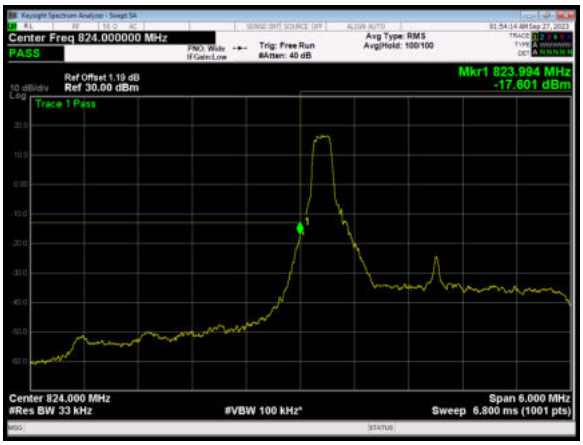
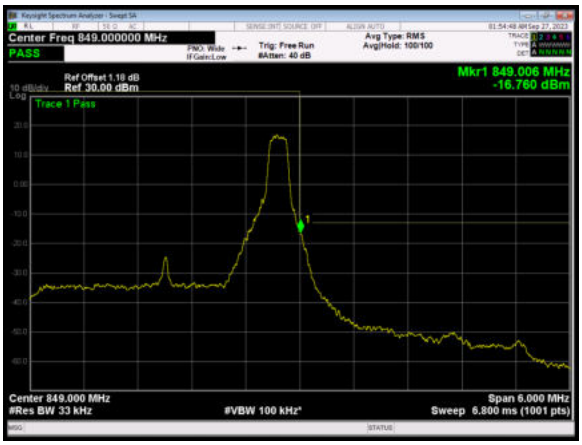
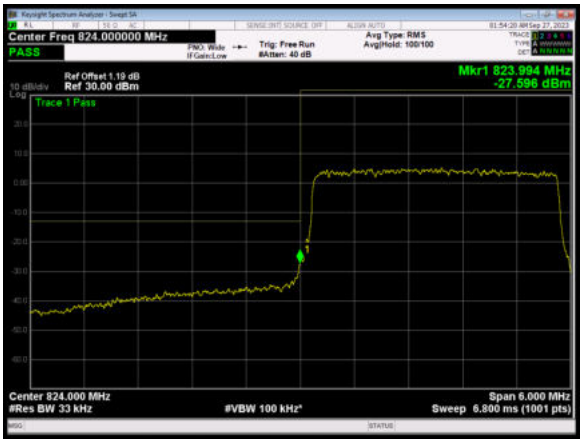
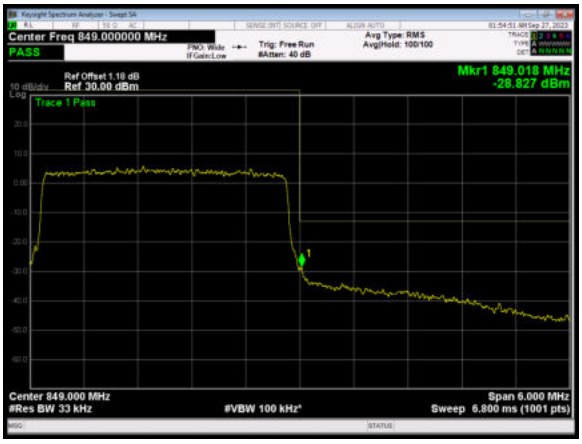
LTE Band 26 64QAM 1.4MHz CH-Low 100%RB	LTE Band 26 64QAM 1.4MHz CH-High 100%RB
	
LTE Band 26 64QAM 3MHz CH-Low 1RB	LTE Band 26 64QAM 3MHz CH-High 1RB
	
LTE Band 26 64QAM 3MHz CH-Low 100%RB	LTE Band 26 64QAM 3MHz CH-High 100%RB
	

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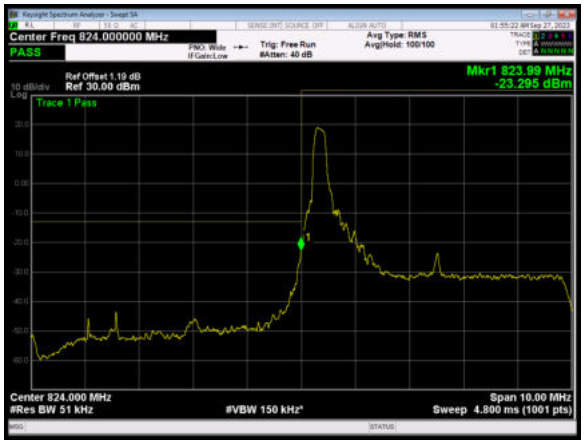
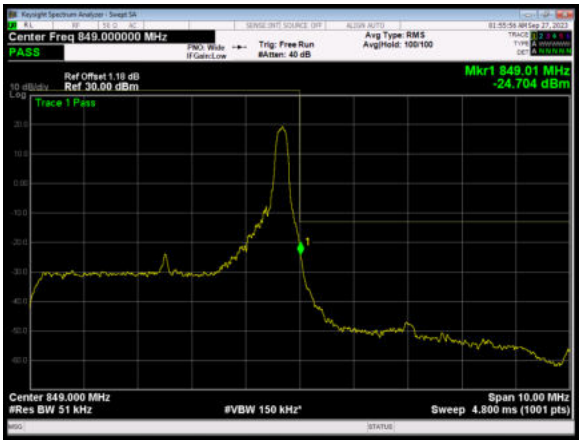
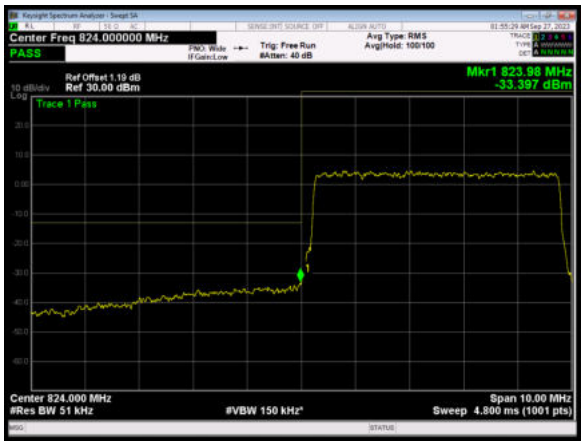
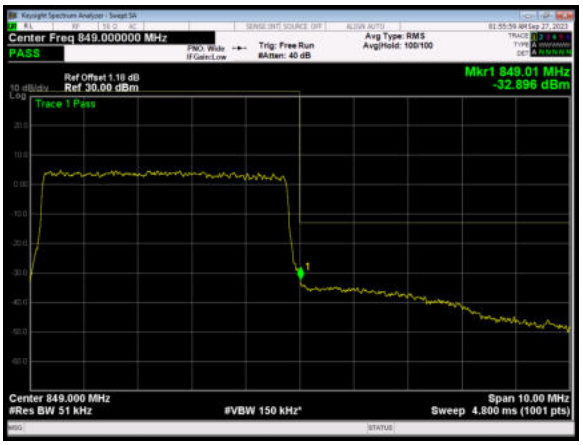
LTE Band 26 64QAM 5MHz CH-Low 1RB	LTE Band 26 64QAM 5MHz CH-High 1RB
	
LTE Band 26 64QAM 5MHz CH-Low 100%RB	LTE Band 26 64QAM 5MHz CH-High 100%RB
	
LTE Band 26 64QAM 10MHz CH-Low 1RB	LTE Band 26 64QAM 10MHz CH-High 1RB
	

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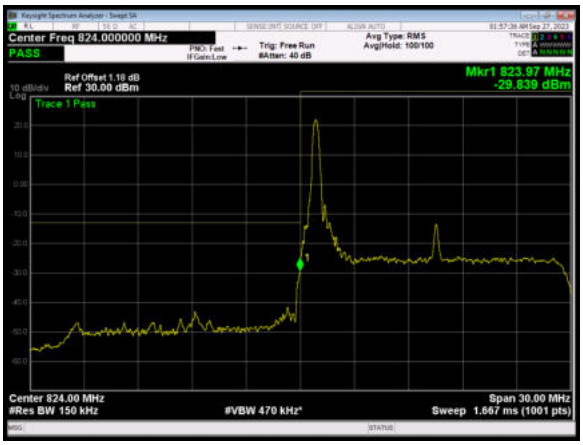
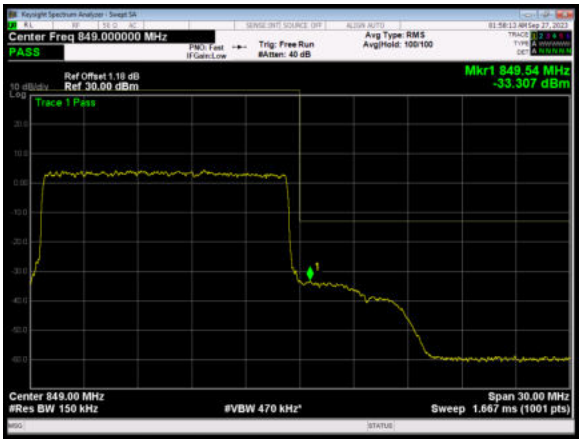
LTE Band 26 64QAM 10MHz CH-Low 100%RB	LTE Band 26 64QAM 10MHz CH-High 100%RB
	
LTE Band 26 64QAM 15MHz CH-Low 1RB	LTE Band 26 64QAM 15MHz CH-High 1RB
	
LTE Band 26 64QAM 15MHz CH-Low 100%RB	LTE Band 26 64QAM 15MHz CH-High 100%RB
	

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

Mode	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
GSM 850 (GMSK)	128	824.2	32.34	29.72	2.62	≤13	PASS
	190	836.6	32.36	29.75	2.61	≤13	PASS
	251	848.8	32.35	29.74	2.61	≤13	PASS
GPRS 850 (GMSK)	128	824.2	32.30	29.69	2.61	≤13	PASS
	190	836.6	32.36	29.75	2.61	≤13	PASS
	251	848.8	32.34	29.73	2.61	≤13	PASS
EGPRS 850 (8PSK)	128	824.2	30.80	24.87	5.93	≤13	PASS
	190	836.6	30.87	24.97	5.90	≤13	PASS
	251	848.8	30.62	24.69	5.93	≤13	PASS
WCDMA Band V (RMC)	4132	826.4	28.42	25.44	2.98	≤13	PASS
	4183	836.6	28.18	25.35	2.83	≤13	PASS
	4233	846.6	28.18	25.28	2.90	≤13	PASS

LTE Band 5								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	20407	824.7	28.67	23.59	5.08	≤13	PASS
		20525	836.5	28.25	23.45	4.80	≤13	PASS
		20643	848.3	28.25	23.41	4.84	≤13	PASS
	3	20415	825.5	28.50	23.46	5.04	≤13	PASS
		20525	836.5	28.13	23.32	4.81	≤13	PASS
		20635	847.5	28.20	23.29	4.91	≤13	PASS
	5	20425	826.5	28.68	23.54	5.14	≤13	PASS
		20525	836.5	28.27	23.39	4.88	≤13	PASS
		20625	846.5	28.32	23.38	4.94	≤13	PASS
	10	20450	829	28.61	23.53	5.08	≤13	PASS
		20525	836.5	28.31	23.40	4.91	≤13	PASS
		20600	844	28.36	23.37	4.99	≤13	PASS
16QAM	1.4	20407	824.7	28.36	22.62	5.74	≤13	PASS
		20525	836.5	28.15	22.55	5.60	≤13	PASS
		20643	848.3	28.03	22.41	5.62	≤13	PASS
	3	20415	825.5	28.28	22.45	5.83	≤13	PASS
		20525	836.5	27.98	22.28	5.70	≤13	PASS
		20635	847.5	28.07	22.32	5.75	≤13	PASS

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	5	20425	826.5	28.42	22.56	5.86	≤13	PASS
		20525	836.5	28.08	22.44	5.64	≤13	PASS
		20625	846.5	28.15	22.41	5.74	≤13	PASS
	10	20450	829	28.35	22.51	5.84	≤13	PASS
		20525	836.5	28.15	22.42	5.73	≤13	PASS
		20600	844	28.15	22.35	5.80	≤13	PASS
64QAM	1.4	20407	824.7	28.44	22.69	5.75	≤13	PASS
		20525	836.5	28.11	22.47	5.64	≤13	PASS
		20643	848.3	28.04	22.40	5.64	≤13	PASS
	3	20415	825.5	28.36	22.45	5.91	≤13	PASS
		20525	836.5	27.98	22.31	5.67	≤13	PASS
		20635	847.5	28.06	22.30	5.76	≤13	PASS
	5	20425	826.5	28.38	22.56	5.82	≤13	PASS
		20525	836.5	28.07	22.41	5.66	≤13	PASS
		20625	846.5	28.15	22.41	5.74	≤13	PASS
	10	20450	829	28.36	22.54	5.82	≤13	PASS
		20525	836.5	28.15	22.38	5.77	≤13	PASS
		20600	844	28.15	22.33	5.82	≤13	PASS

LTE Band 26								
Modulation	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**Peak (dBm)**	**Avg (dBm)**	**PAPR (dB)**	**Limit (dB)**	**Conclusion**
QPSK	1.4	26797	824.7	28.60	23.58	5.02	≤13	PASS
		26915	836.5	28.33	23.45	4.88	≤13	PASS
		27033	848.3	28.33	23.45	4.88	≤13	PASS
	3	26805	825.5	28.59	23.48	5.11	≤13	PASS
		26915	836.5	28.23	23.36	4.87	≤13	PASS
		27025	847.5	28.29	23.35	4.94	≤13	PASS
	5	26815	826.5	28.80	23.57	5.23	≤13	PASS
		26915	836.5	28.41	23.39	5.02	≤13	PASS
		27015	846.5	28.45	23.42	5.03	≤13	PASS
	10	26840	829	28.73	23.56	5.17	≤13	PASS
		26915	836.5	28.46	23.45	5.01	≤13	PASS
		26990	844	28.46	23.42	5.04	≤13	PASS
	15	26865	831.5	29.05	23.58	5.47	≤13	PASS
		26915	836.5	28.93	23.54	5.39	≤13	PASS
		26965	841.5	28.92	23.51	5.41	≤13	PASS
16QAM	1.4	26797	824.7	28.56	22.65	5.91	≤13	PASS
		26915	836.5	28.14	22.48	5.66	≤13	PASS
		27033	848.3	28.15	22.46	5.69	≤13	PASS

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	3	26805	825.5	28.43	22.48	5.95	≤13	PASS
		26915	836.5	28.13	22.33	5.80	≤13	PASS
		27025	847.5	28.18	22.35	5.83	≤13	PASS
	5	26815	826.5	28.54	22.60	5.94	≤13	PASS
		26915	836.5	28.22	22.47	5.75	≤13	PASS
		27015	846.5	28.23	22.43	5.80	≤13	PASS
	10	26840	829	28.50	22.57	5.93	≤13	PASS
		26915	836.5	28.31	22.44	5.87	≤13	PASS
		26990	844	28.26	22.41	5.85	≤13	PASS
	15	26865	831.5	28.62	22.56	6.06	≤13	PASS
		26915	836.5	28.48	22.48	6.00	≤13	PASS
		26965	841.5	28.43	22.44	5.99	≤13	PASS
64QAM	1.4	26797	824.7	28.41	22.64	5.77	≤13	PASS
		26915	836.5	28.22	22.49	5.73	≤13	PASS
		27033	848.3	28.11	22.44	5.67	≤13	PASS
	3	26805	825.5	28.43	22.47	5.96	≤13	PASS
		26915	836.5	28.08	22.31	5.77	≤13	PASS
		27025	847.5	28.14	22.37	5.77	≤13	PASS
	5	26815	826.5	28.50	22.59	5.91	≤13	PASS
		26915	836.5	28.24	22.45	5.79	≤13	PASS
		27015	846.5	28.24	22.46	5.78	≤13	PASS
	10	26840	829	28.52	22.56	5.96	≤13	PASS
		26915	836.5	28.27	22.44	5.83	≤13	PASS
		26990	844	28.23	22.41	5.82	≤13	PASS
	15	26865	831.5	28.59	22.53	6.06	≤13	PASS
		26915	836.5	28.48	22.47	6.01	≤13	PASS
		26965	841.5	28.42	22.43	5.99	≤13	PASS

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6.5. Frequency Stability

GSM 850						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
Temperature	Voltage	GMSK	8PSK	GMSK	8PSK	
Normal（25℃）	Normal	11.82	9.18	0.01413	0.01097	PASS
Extreme（50℃）		1.09	8.75	0.00130	0.01046	PASS
Extreme（40℃）		4.72	3.88	0.00564	0.00464	PASS
Extreme（30℃）		14.93	1.45	0.01785	0.00173	PASS
Extreme（20℃）		12.12	10.22	0.01449	0.01222	PASS
Extreme（10℃）		2.77	1.64	0.00332	0.00196	PASS
Extreme（0℃）		7.13	9.98	0.00853	0.01192	PASS
Extreme（-10℃）		14.22	11.82	0.01699	0.01413	PASS
Extreme（-20℃）		6.31	9.78	0.00754	0.01169	PASS
Extreme（-30℃）		10.03	13.91	0.01199	0.01662	PASS
25℃	LV	12.56	3.92	0.01501	0.00468	PASS
	HV	17.69	8.59	0.02115	0.01027	PASS

WCDMA Band V						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
Temperature	Voltage	BPSK	QPSK	BPSK	QPSK	
Normal（25℃）	Normal	8.54	13.67	0.01021	0.01634	PASS
Extreme（50℃）		14.50	4.24	0.01733	0.00507	PASS
Extreme（40℃）		8.79	11.21	0.01051	0.01340	PASS
Extreme（30℃）		8.50	5.03	0.01016	0.00601	PASS
Extreme（20℃）		17.40	6.01	0.02080	0.00719	PASS
Extreme（10℃）		12.03	8.02	0.01438	0.00959	PASS
Extreme（0℃）		12.96	11.30	0.01549	0.01351	PASS
Extreme（-10℃）		8.27	3.59	0.00989	0.00429	PASS
Extreme（-20℃）		3.18	6.79	0.00380	0.00812	PASS
Extreme（-30℃）		10.62	4.90	0.01270	0.00585	PASS
25℃	LV	12.63	14.84	0.01509	0.01774	PASS
	HV	7.27	3.99	0.00869	0.00477	PASS

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LTE Band 5								
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	1.4MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	12.67	11.76	15.61	0.01515	0.01406	0.01866	PASS
Extreme（50℃）		7.87	5.65	14.91	0.00941	0.00675	0.01782	PASS
Extreme（40℃）		2.88	10.18	5.69	0.00345	0.01217	0.00680	PASS
Extreme（30℃）		4.30	6.70	5.68	0.00514	0.00801	0.00679	PASS
Extreme（20℃）		12.44	6.79	15.74	0.01487	0.00812	0.01881	PASS
Extreme（10℃）		1.16	9.20	6.05	0.00138	0.01099	0.00724	PASS
Extreme（0℃）		13.60	5.22	8.90	0.01625	0.00624	0.01064	PASS
Extreme（-10℃）		2.31	5.48	11.00	0.00276	0.00655	0.01314	PASS
Extreme（-20℃）		10.26	10.96	1.44	0.01226	0.01310	0.00173	PASS
Extreme（-30℃）		10.70	1.83	7.82	0.01279	0.00219	0.00935	PASS
25℃	LV	15.92	13.65	15.21	0.01903	0.01632	0.01818	PASS
	HV	2.87	3.01	4.81	0.00343	0.00360	0.00575	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	3MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	13.48	7.06	13.84	0.01612	0.00844	0.01654	PASS
Extreme（50℃）		16.41	7.99	15.68	0.01962	0.00955	0.01875	PASS
Extreme（40℃）		10.16	14.52	4.81	0.01215	0.01736	0.00575	PASS
Extreme（30℃）		5.17	14.49	5.11	0.00619	0.01732	0.00610	PASS
Extreme（20℃）		17.99	2.23	7.69	0.02151	0.00266	0.00920	PASS
Extreme（10℃）		13.34	9.75	10.71	0.01594	0.01166	0.01280	PASS
Extreme（0℃）		1.07	2.15	3.76	0.00128	0.00257	0.00449	PASS
Extreme（-10℃）		5.39	17.40	9.96	0.00645	0.02080	0.01191	PASS
Extreme（-20℃）		9.24	12.01	9.67	0.01105	0.01436	0.01156	PASS
Extreme（-30℃）		12.17	6.64	7.12	0.01455	0.00794	0.00851	PASS
25℃	LV	14.83	15.12	10.33	0.01773	0.01808	0.01235	PASS
	HV	9.11	1.23	3.59	0.01089	0.00147	0.00429	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	5MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	7.17	8.42	7.09	0.00857	0.01006	0.00847	PASS
Extreme（50℃）		17.40	1.38	2.29	0.02080	0.00166	0.00274	PASS
Extreme（40℃）		14.67	10.43	13.53	0.01754	0.01246	0.01618	PASS
Extreme（30℃）		15.98	3.79	3.86	0.01910	0.00453	0.00461	PASS

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Extreme（20℃）		2.11	1.45	7.05	0.00252	0.00173	0.00843	PASS
Extreme（10℃）		6.32	10.54	2.76	0.00755	0.01260	0.00330	PASS
Extreme（0℃）		4.50	2.15	10.03	0.00538	0.00257	0.01199	PASS
Extreme（-10℃）		3.07	13.22	17.71	0.00366	0.01581	0.02117	PASS
Extreme（-20℃）		14.80	12.88	10.26	0.01769	0.01539	0.01226	PASS
Extreme（-30℃）		6.43	2.52	15.78	0.00769	0.00301	0.01886	PASS
25℃	LV	1.21	6.59	7.05	0.00145	0.00788	0.00843	PASS
	HV	15.48	1.92	2.65	0.01851	0.00230	0.00317	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability（ppm）	Frequency Stability（ppm）	Frequency Stability（ppm）	Verdict
BANDWIDTH	10MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	3.32	5.99	10.76	0.00396	0.00717	0.01287	PASS
Extreme（50℃）		7.15	3.82	17.33	0.00855	0.00457	0.02072	PASS
Extreme（40℃）		16.90	10.01	1.59	0.02020	0.01196	0.00190	PASS
Extreme（30℃）		13.98	11.31	4.80	0.01672	0.01352	0.00573	PASS
Extreme（20℃）		12.45	17.95	4.35	0.01488	0.02146	0.00519	PASS
Extreme（10℃）		1.93	7.89	12.84	0.00231	0.00943	0.01535	PASS
Extreme（0℃）		15.78	5.16	14.81	0.01886	0.00617	0.01770	PASS
Extreme（-10℃）		4.74	4.46	6.53	0.00567	0.00534	0.00780	PASS
Extreme（-20℃）		6.52	16.82	7.13	0.00779	0.02011	0.00852	PASS
Extreme（-30℃）		2.19	5.30	16.21	0.00262	0.00634	0.01937	PASS
25℃	LV	14.88	6.05	17.42	0.01778	0.00723	0.02083	PASS
	HV	14.96	1.21	5.73	0.01788	0.00144	0.00685	PASS

LTE Band 26								
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability（ppm）	Frequency Stability（ppm）	Frequency Stability（ppm）	Verdict
BANDWIDTH	1.4MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	5.34	5.40	2.07	0.00638	0.00645	0.00248	PASS
Extreme（50℃）		7.66	9.53	9.10	0.00915	0.01139	0.01088	PASS
Extreme（40℃）		12.80	6.84	6.46	0.01530	0.00818	0.00772	PASS
Extreme（30℃）		3.54	8.46	10.69	0.00423	0.01011	0.01278	PASS
Extreme（20℃）		11.14	10.44	5.26	0.01331	0.01249	0.00629	PASS
Extreme（10℃）		7.82	14.73	10.90	0.00935	0.01761	0.01303	PASS
Extreme（0℃）		17.61	1.35	5.24	0.02105	0.00161	0.00626	PASS
Extreme（-10℃）		3.34	17.55	12.56	0.00399	0.02098	0.01501	PASS
Extreme（-20℃）		8.43	8.73	1.38	0.01008	0.01044	0.00165	PASS
Extreme（-30℃）		5.35	13.95	3.51	0.00639	0.01667	0.00420	PASS
25℃	LV	15.44	16.66	17.70	0.01845	0.01992	0.02116	PASS
	HV	15.19	8.97	11.13	0.01816	0.01072	0.01331	PASS
Condition		Freq.Error	Freq.Error	Freq.Error	Frequency	Frequency	Frequency	Verdict

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		(Hz)	(Hz)	(Hz)	Stability （ppm）	Stability （ppm）	Stability （ppm）	
BANDWIDTH	3MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	14.72	12.59	9.60	0.01760	0.01505	0.01147	PASS
Extreme（50℃）		15.28	17.35	8.81	0.01827	0.02074	0.01054	PASS
Extreme（40℃）		7.70	7.62	12.88	0.00921	0.00911	0.01540	PASS
Extreme（30℃）		11.73	17.90	1.78	0.01402	0.02139	0.00212	PASS
Extreme（20℃）		10.57	12.83	4.31	0.01264	0.01534	0.00515	PASS
Extreme（10℃）		7.94	1.13	12.29	0.00949	0.00135	0.01470	PASS
Extreme（0℃）		12.58	1.20	2.88	0.01504	0.00144	0.00345	PASS
Extreme（-10℃）		11.26	1.95	4.94	0.01346	0.00233	0.00591	PASS
Extreme（-20℃）		2.74	4.37	16.10	0.00328	0.00522	0.01925	PASS
Extreme（-30℃）		14.36	12.22	2.53	0.01717	0.01461	0.00302	PASS
25℃	LV	1.71	2.43	13.90	0.00205	0.00290	0.01662	PASS
	HV	9.55	8.23	2.82	0.01142	0.00984	0.00337	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	5MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	13.74	4.03	15.39	0.01643	0.00482	0.01840	PASS
Extreme（50℃）		9.02	6.91	1.67	0.01079	0.00827	0.00200	PASS
Extreme（40℃）		5.46	14.36	12.92	0.00653	0.01716	0.01544	PASS
Extreme（30℃）		10.61	3.61	9.56	0.01268	0.00432	0.01143	PASS
Extreme（20℃）		10.84	4.34	3.52	0.01296	0.00519	0.00421	PASS
Extreme（10℃）		9.80	16.79	1.95	0.01172	0.02007	0.00233	PASS
Extreme（0℃）		16.63	5.49	6.52	0.01988	0.00656	0.00779	PASS
Extreme（-10℃）		13.35	17.95	2.16	0.01596	0.02146	0.00259	PASS
Extreme（-20℃）		2.51	2.32	17.19	0.00300	0.00278	0.02055	PASS
Extreme（-30℃）		17.67	5.48	9.39	0.02112	0.00655	0.01122	PASS
25℃	LV	3.72	2.86	10.49	0.00444	0.00342	0.01255	PASS
	HV	13.91	10.33	14.75	0.01663	0.01235	0.01763	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	10MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	15.59	9.76	13.71	0.01863	0.01166	0.01639	PASS
Extreme（50℃）		10.40	14.05	12.88	0.01244	0.01679	0.01540	PASS
Extreme（40℃）		17.32	13.70	5.86	0.02071	0.01637	0.00701	PASS
Extreme（30℃）		6.46	9.25	14.60	0.00772	0.01105	0.01746	PASS
Extreme（20℃）		2.23	7.74	3.16	0.00267	0.00926	0.00378	PASS
Extreme（10℃）		1.34	5.69	14.09	0.00160	0.00680	0.01685	PASS
Extreme（0℃）		15.27	10.13	1.88	0.01826	0.01211	0.00225	PASS

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Extreme（-10℃）		3.11	13.83	13.99	0.00372	0.01654	0.01672	PASS
Extreme（-20℃）		4.33	13.17	5.66	0.00518	0.01575	0.00677	PASS
Extreme（-30℃）		15.38	16.91	10.16	0.01838	0.02022	0.01215	PASS
25℃	LV	14.91	12.07	5.41	0.01783	0.01443	0.00647	PASS
	HV	3.98	3.39	9.48	0.00476	0.00405	0.01133	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability（ppm）	Frequency Stability（ppm）	Frequency Stability（ppm）	Verdict
BANDWIDTH	15MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	13.33	6.26	14.03	0.01593	0.00748	0.01678	PASS
Extreme（50℃）		4.31	16.81	4.92	0.00516	0.02010	0.00588	PASS
Extreme（40℃）		1.41	13.23	17.08	0.00169	0.01582	0.02041	PASS
Extreme（30℃）		16.29	3.29	11.09	0.01947	0.00393	0.01325	PASS
Extreme（20℃）		17.93	5.71	17.29	0.02143	0.00683	0.02067	PASS
Extreme（10℃）		15.09	5.56	17.07	0.01804	0.00665	0.02041	PASS
Extreme（0℃）		13.11	5.07	10.37	0.01567	0.00606	0.01240	PASS
Extreme（-10℃）		1.73	17.31	15.66	0.00207	0.02069	0.01873	PASS
Extreme（-20℃）		3.93	2.05	8.32	0.00470	0.00245	0.00995	PASS
Extreme（-30℃）		11.16	6.77	12.47	0.01334	0.00809	0.01490	PASS
25℃	LV	11.72	11.09	7.44	0.01401	0.01326	0.00890	PASS
	HV	2.00	17.14	14.69	0.00239	0.02049	0.01756	PASS

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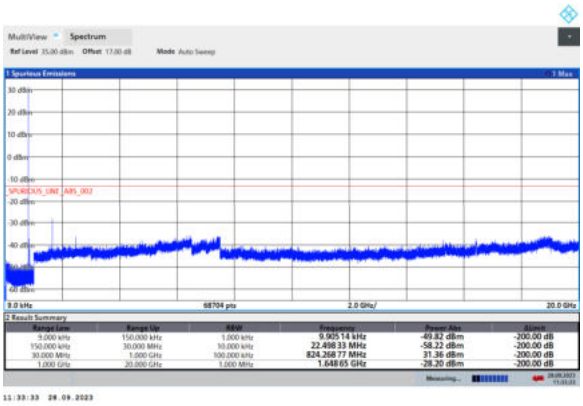
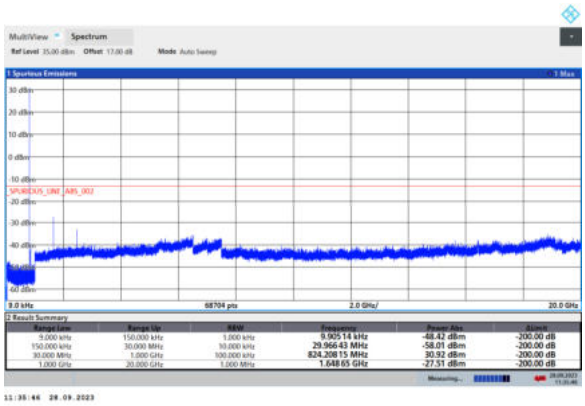
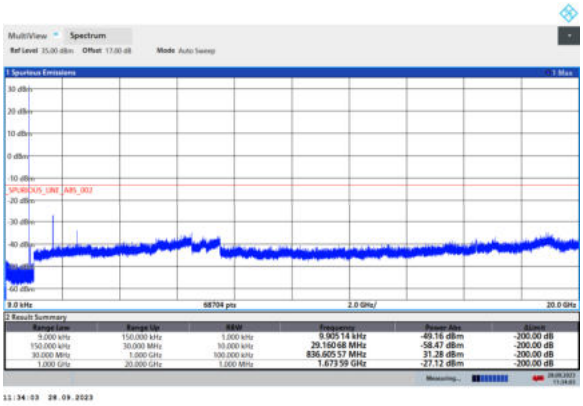
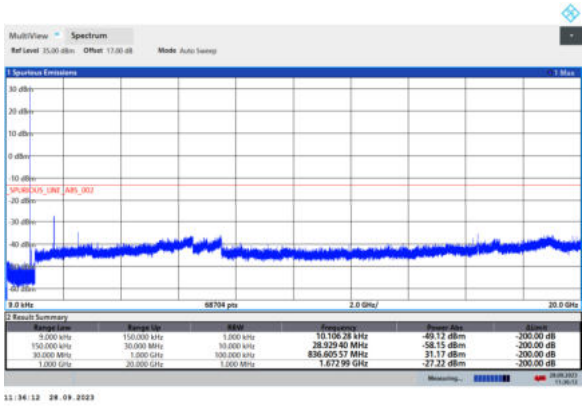
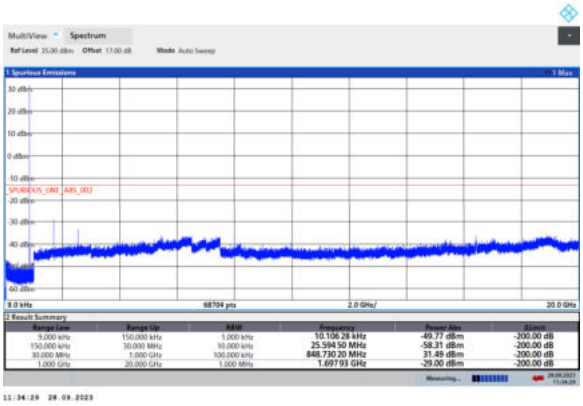
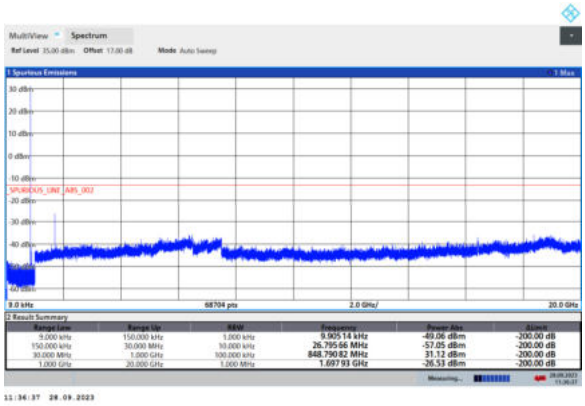
6.6. Spurious Emissions at Antenna Terminals

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.
The signal beyond the limit is carrier.

GSM 850 CH-Low 9kHz ~ 20GHz	GPRS 850 CH-Low 9kHz ~ 20GHz
	
GSM 850 CH-Middle 9kHz ~ 20GHz	GPRS 850 CH-Middle 9kHz ~ 20GHz
	
GSM 850 CH-High 9kHz ~ 20GHz	GPRS 850 CH-High 9kHz ~ 20GHz
	

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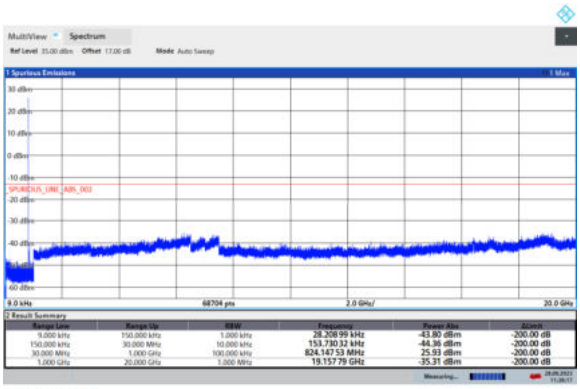
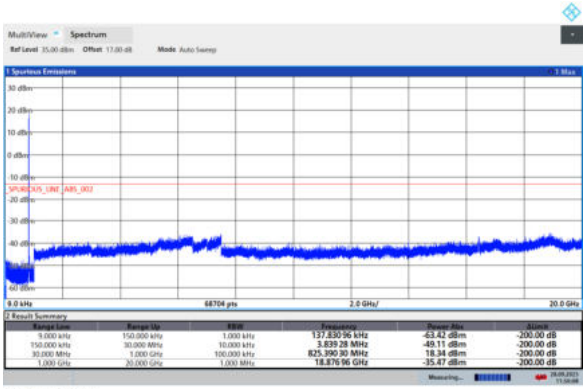
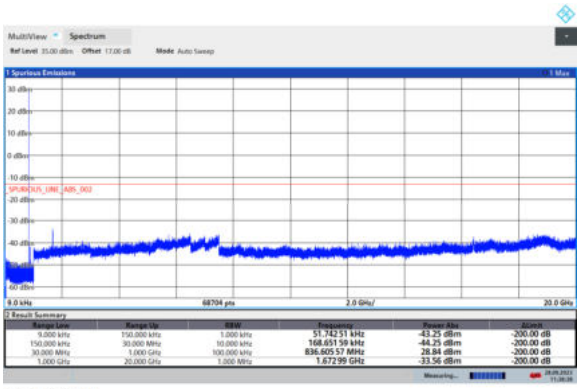
EGPRS 850 CH-Low 9kHz ~ 20GHz



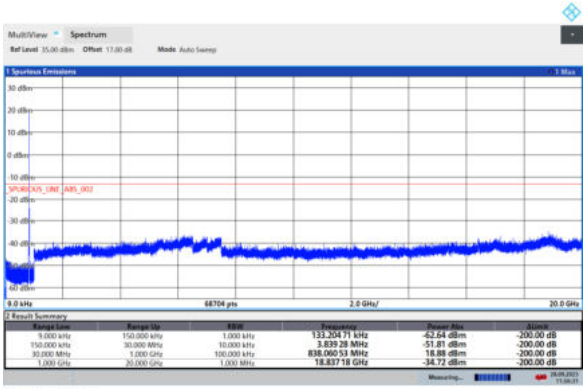
WCDMA BAND V CH-Low 9kHz ~ 20GHz



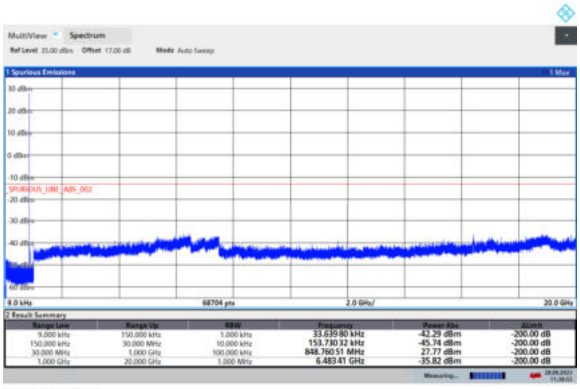
EGPRS 850 CH-Middle 9kHz ~ 20GHz



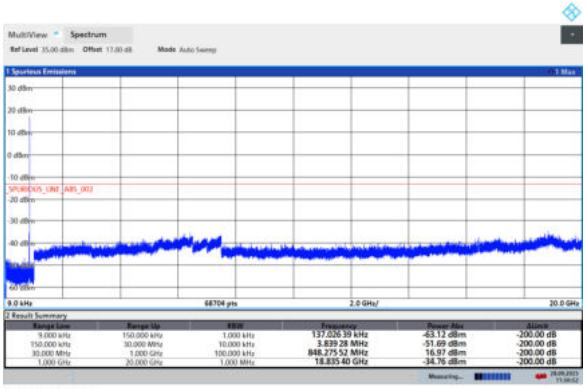
WCDMA BAND V CH-Middle 9kHz ~ 20GHz



EGPRS 850 CH-High 9kHz ~ 20GHz



WCDMA BAND V CH-High 9kHz ~ 20GHz



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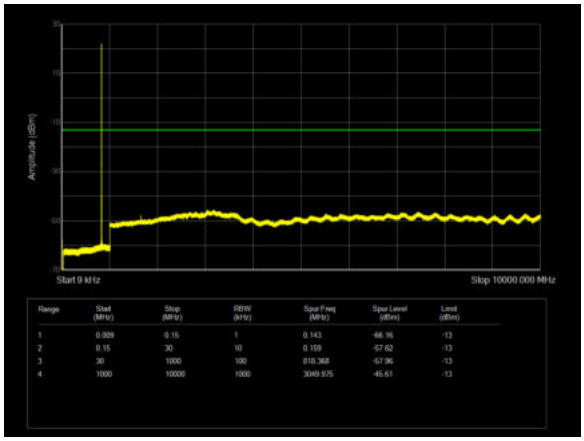
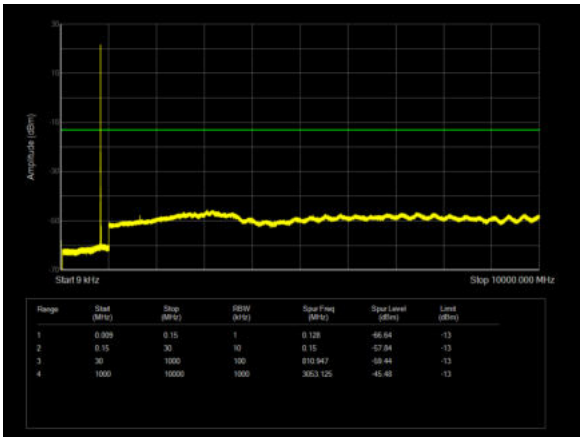
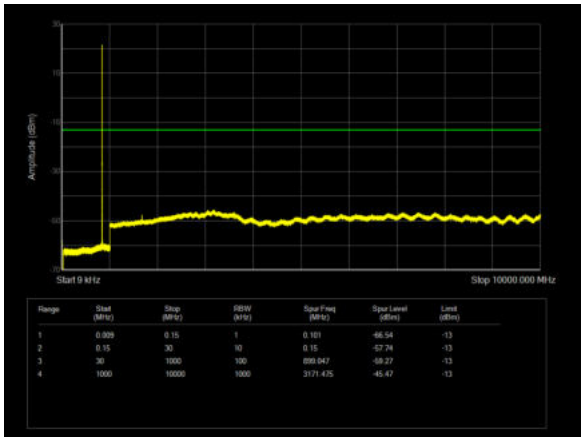
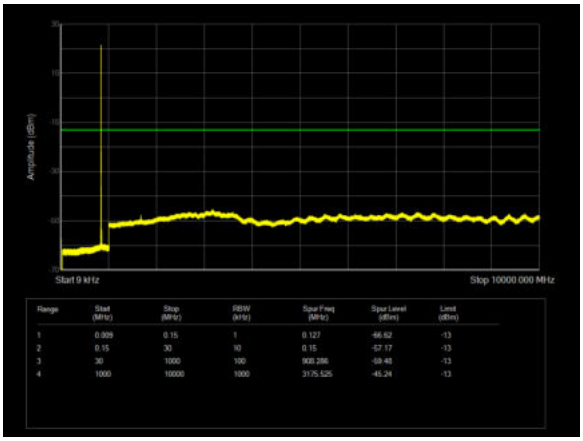
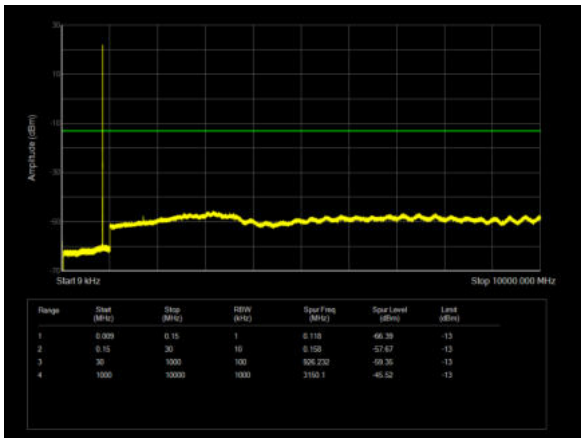
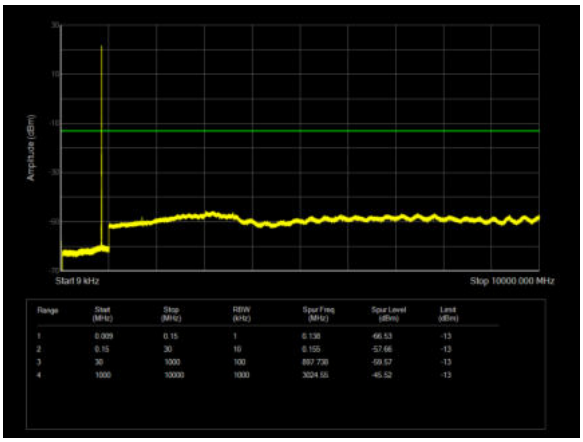
LTE Band 5 1.4MHz CH-Low 9kHz~10GHz	LTE Band 5 3MHz CH-Low 9kHz~10GHz
	
LTE Band 5 1.4MHz CH-Middle 9kHz~10GHz	LTE Band 5 3MHz CH-Middle 9kHz~10GHz
	
LTE Band 5 1.4MHz CH-High 9kHz~10GHz	LTE Band 5 3MHz CH-High 9kHz~10GHz
	

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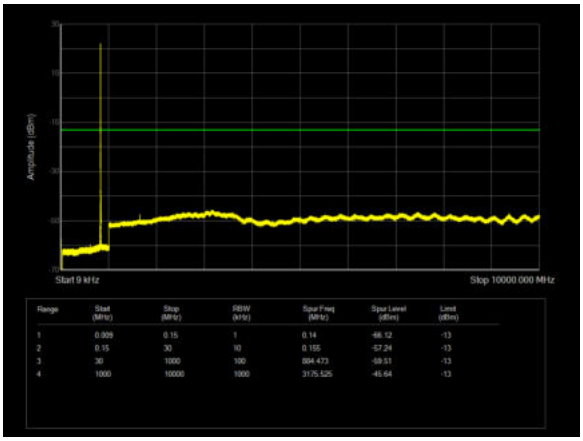
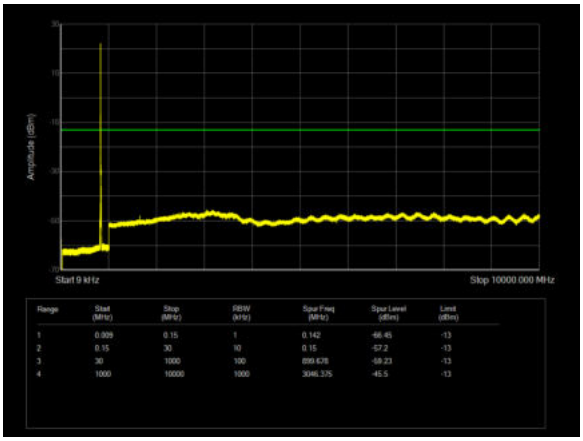
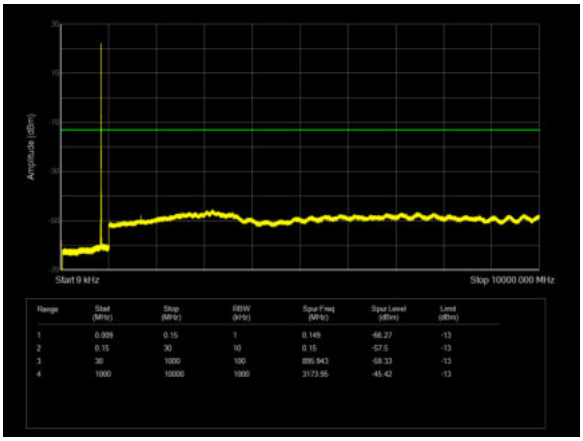
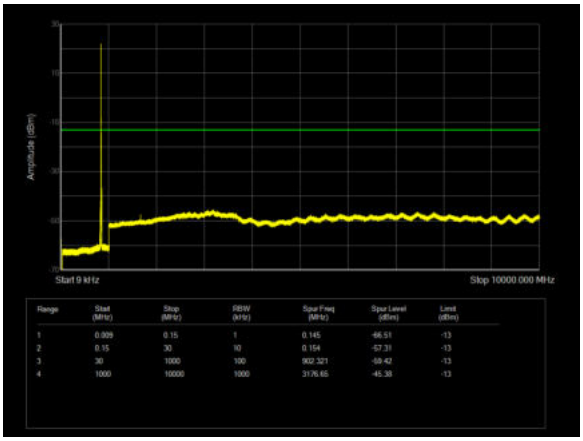
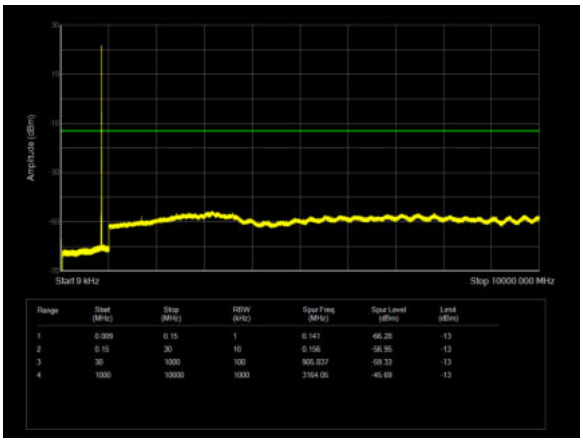
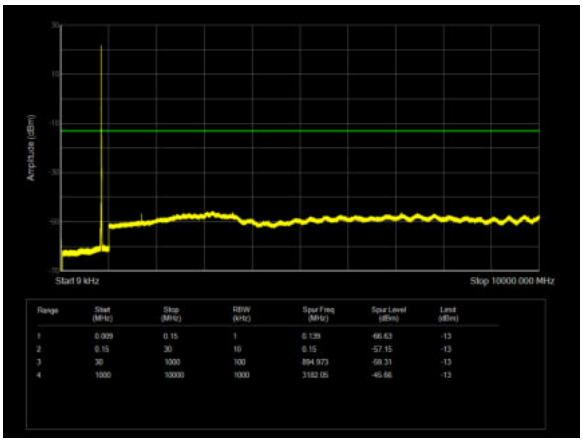
LTE Band 5 5MHz CH-Low 9kHz~10GHz	LTE Band 5 10MHz CH-Low 9kHz~10GHz
	
LTE Band 5 5MHz CH-Middle 9kHz~10GHz	LTE Band 5 10MHz CH-Middle 9kHz~10GHz
	
LTE Band 5 5MHz CH-High 9kHz~10GHz	LTE Band 5 10MHz CH-High 9kHz~10GHz
	

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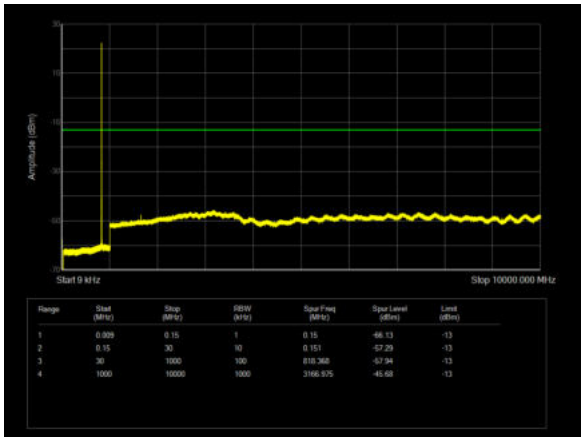
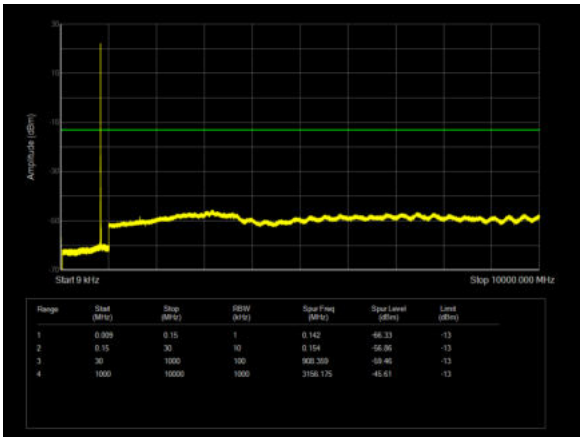
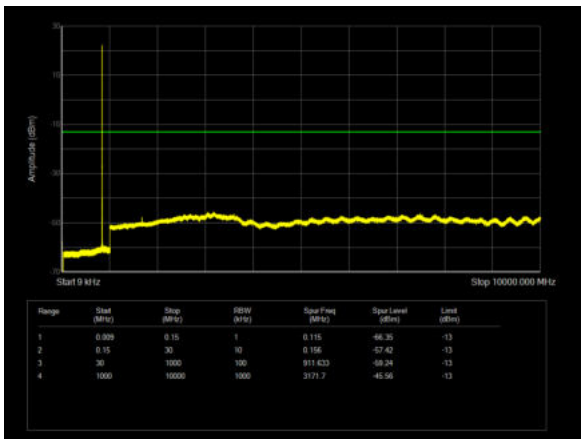
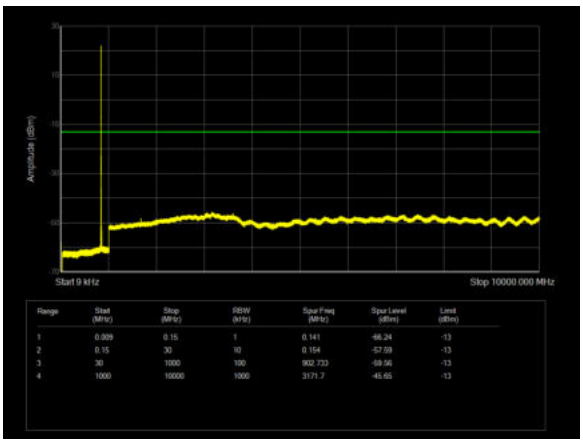
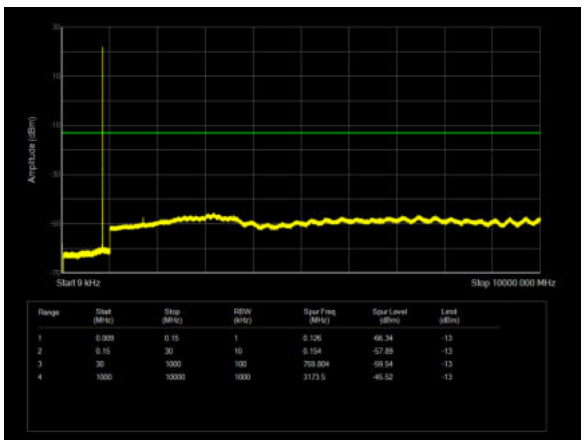
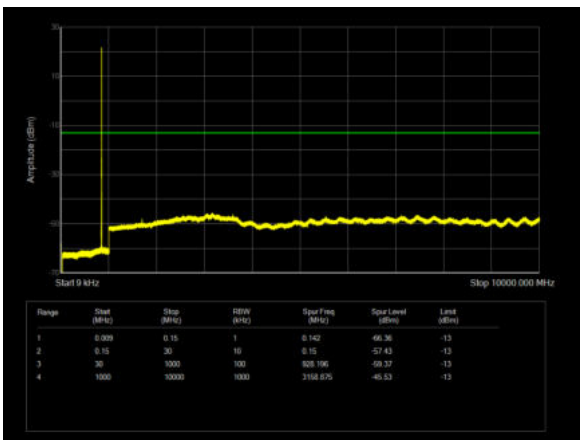
LTE Band 26 1.4MHz CH-Low 9kHz~10GHz	LTE Band 26 3MHz CH-Low 9kHz~10GHz
	
LTE Band 26 1.4MHz CH-Middle 9kHz~10GHz	LTE Band 26 3MHz CH-Middle 9kHz~10GHz
	
LTE Band 26 1.4MHz CH-High 9kHz~10GHz	LTE Band 26 3MHz CH-High 9kHz~10GHz
	

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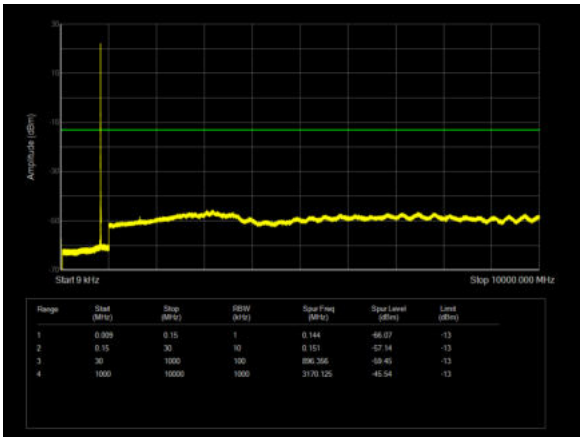
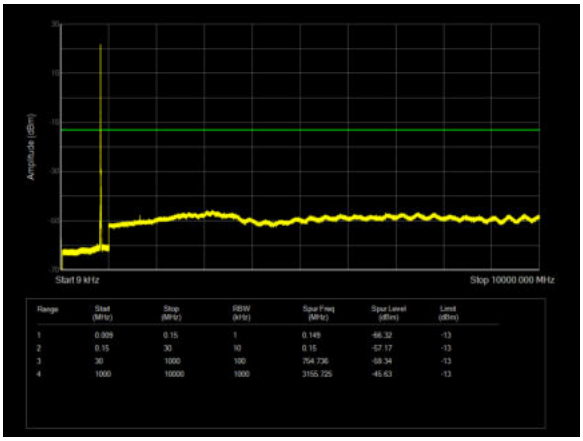
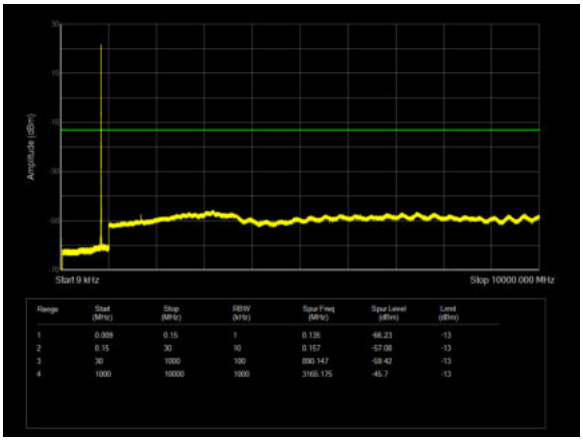
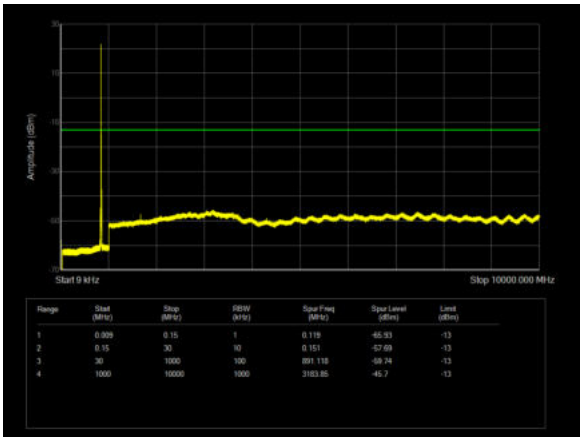
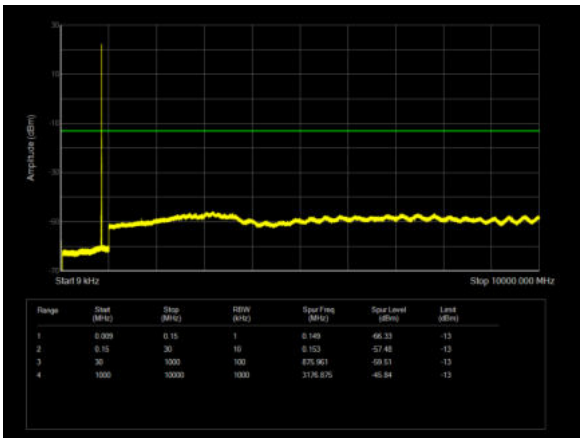
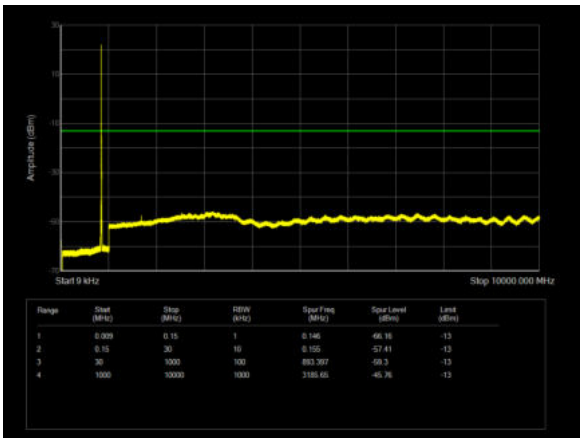
LTE Band 26 5MHz CH-Low 9kHz~10GHz	LTE Band 26 10MHz CH-Low 9kHz~10GHz
	
LTE Band 26 5MHz CH-Middle 9kHz~10GHz	LTE Band 26 10MHz CH-Middle 9kHz~10GHz
	
LTE Band 26 5MHz CH-High 9kHz~10GHz	LTE Band 26 10MHz CH-High 9kHz~10GHz
	

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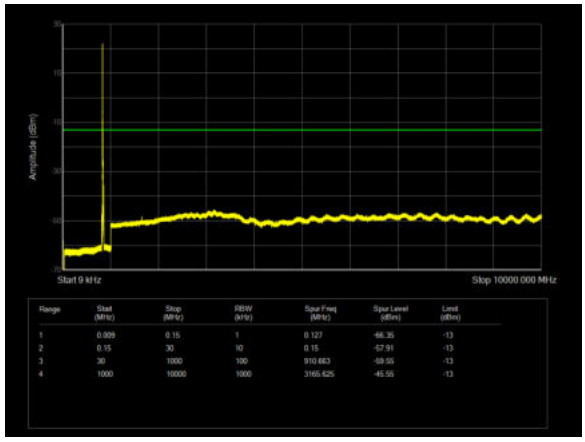
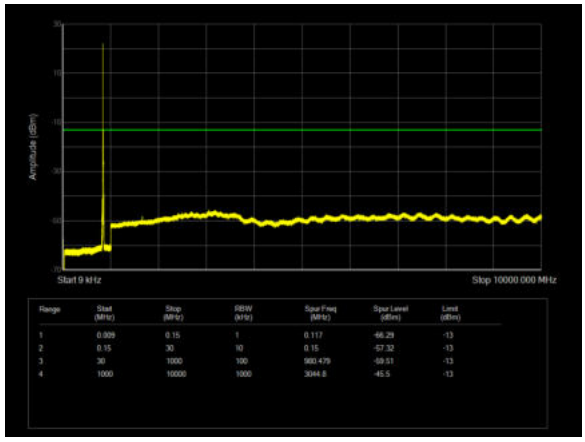
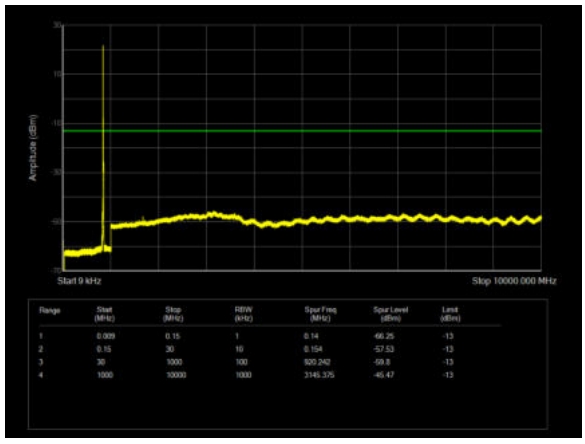
LTE Band 26 15MHz CH-Low 9kHz~10GHz



LTE Band 26 15MHz CH-Middle 9kHz~10GHz



LTE Band 26 15MHz CH-High 9kHz~10GHz



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6.7. Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

Low Antenna

GSM 850 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.20	-52.66	1.70	8.70	Vertical	-47.81	-13.00	34.81	135
3	2509.75	-65.03	2.30	12.00	Vertical	-57.48	-13.00	44.48	36
4	3346.40	-67.55	2.70	12.70	Vertical	-59.70	-13.00	46.70	83
5	4183.00	-63.29	3.00	12.50	Vertical	-55.94	-13.00	42.94	36
6	5019.60	-60.70	3.40	12.50	Vertical	-53.75	-13.00	40.75	47
7	5856.20	-60.26	3.40	12.80	Vertical	-53.01	-13.00	40.01	28
8	6692.80	-58.39	4.10	11.50	Vertical	-53.14	-13.00	40.14	136
9	7529.40	-55.12	4.20	12.20	Vertical	-49.27	-13.00	36.27	175
10	8366.00	-56.01	4.30	12.50	Vertical	-49.96	-13.00	36.96	15
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

WCDMA Band V CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.20	-67.43	1.70	8.70	Vertical	-62.58	-13.00	49.58	78
3	2509.80	-61.76	2.30	12.00	Vertical	-54.21	-13.00	41.21	111
4	3346.40	-67.09	2.70	12.70	Vertical	-59.24	-13.00	46.24	28
5	4183.00	-64.11	3.00	12.50	Vertical	-56.76	-13.00	43.76	111
6	5019.60	-60.84	3.40	12.50	Vertical	-53.89	-13.00	40.89	225
7	5856.20	-60.37	3.40	12.80	Vertical	-53.12	-13.00	40.12	135
8	6692.80	-58.70	4.10	11.50	Vertical	-53.45	-13.00	40.45	76
9	7529.40	-55.69	4.20	12.20	Vertical	-49.84	-13.00	36.84	28
10	8366.00	-55.17	4.30	12.50	Vertical	-49.12	-13.00	36.12	185
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

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LTE Band 5 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-67.89	1.70	8.70	Horizontal	-63.04	-13.00	50.04	135
3	2509.50	-67.48	2.30	12.00	Horizontal	-59.93	-13.00	46.93	42
4	3346.00	-65.72	2.70	12.70	Horizontal	-57.87	-13.00	44.87	135
5	4182.50	-63.09	3.00	12.50	Horizontal	-55.74	-13.00	42.74	44
6	5019.00	-59.58	3.40	12.50	Horizontal	-52.63	-13.00	39.63	86
7	5855.50	-59.34	3.40	12.80	Horizontal	-52.09	-13.00	39.09	201
8	6692.00	-56.49	4.10	11.50	Horizontal	-51.24	-13.00	38.24	180
9	7528.50	-54.67	4.20	12.20	Horizontal	-48.82	-13.00	35.82	94
10	8365.00	-53.82	4.30	12.50	Horizontal	-47.77	-13.00	34.77	62
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 5 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.60	-67.71	1.70	8.70	Horizontal	-62.86	-13.00	49.86	118
3	2503.30	-67.14	2.30	12.00	Horizontal	-59.59	-13.00	46.59	35
4	3336.00	-66.26	2.70	12.70	Horizontal	-58.41	-13.00	45.41	88
5	4170.00	-62.79	3.00	12.50	Horizontal	-55.44	-13.00	42.44	45
6	5004.00	-59.95	3.40	12.50	Horizontal	-53.00	-13.00	40.00	107
7	5838.00	-59.70	3.40	12.80	Horizontal	-52.45	-13.00	39.45	118
8	6672.00	-56.59	4.10	11.50	Horizontal	-51.34	-13.00	38.34	273
9	7506.00	-53.55	4.20	12.20	Horizontal	-47.70	-13.00	34.70	90
10	8340.00	-54.01	4.30	12.50	Horizontal	-47.96	-13.00	34.96	135
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

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LTE Band 5 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1663.00	-67.52	1.70	8.70	Horizontal	-62.67	-13.00	49.67	90
3	2494.50	-67.43	2.30	12.00	Horizontal	-59.88	-13.00	46.88	180
4	3326.00	-66.08	2.70	12.70	Horizontal	-58.23	-13.00	45.23	180
5	4157.50	-62.72	3.00	12.50	Horizontal	-55.37	-13.00	42.37	241
6	4989.00	-60.83	3.40	12.50	Horizontal	-53.88	-13.00	40.88	226
7	5820.50	-59.72	3.40	12.80	Horizontal	-52.47	-13.00	39.47	95
8	6652.00	-55.41	4.10	11.50	Horizontal	-50.16	-13.00	37.16	82
9	7483.50	-54.48	4.20	12.20	Horizontal	-48.63	-13.00	35.63	103
10	8315.00	-53.76	4.30	12.50	Horizontal	-47.71	-13.00	34.71	135
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-67.93	1.70	8.70	Horizontal	-63.08	-13.00	50.08	160
3	2509.50	-67.42	2.30	12.00	Horizontal	-59.87	-13.00	46.87	88
4	3346.00	-67.34	2.70	12.70	Horizontal	-59.49	-13.00	46.49	44
5	4182.50	-64.18	3.00	12.50	Horizontal	-56.83	-13.00	43.83	43
6	5019.00	-61.47	3.40	12.50	Horizontal	-54.52	-13.00	41.52	76
7	5855.50	-60.68	3.40	12.80	Horizontal	-53.43	-13.00	40.43	49
8	6692.00	-58.31	4.10	11.50	Horizontal	-53.06	-13.00	40.06	165
9	7528.50	-55.25	4.20	12.20	Horizontal	-49.40	-13.00	36.40	48
10	8365.00	-55.20	4.30	12.50	Horizontal	-49.15	-13.00	36.15	11
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

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LTE Band 26 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.00	-68.32	1.70	8.70	Horizontal	-63.47	-13.00	50.47	137
3	2502.00	-68.08	2.30	12.00	Horizontal	-60.53	-13.00	47.53	90
4	3336.00	-67.40	2.70	12.70	Horizontal	-59.55	-13.00	46.55	46
5	4170.00	-63.64	3.00	12.50	Horizontal	-56.29	-13.00	43.29	44
6	5004.00	-61.20	3.40	12.50	Horizontal	-54.25	-13.00	41.25	136
7	5838.00	-60.27	3.40	12.80	Horizontal	-53.02	-13.00	40.02	185
8	6672.00	-58.25	4.10	11.50	Horizontal	-53.00	-13.00	40.00	165
9	7506.00	-55.12	4.20	12.20	Horizontal	-49.27	-13.00	36.27	43
10	8340.00	-55.07	4.30	12.50	Horizontal	-49.02	-13.00	36.02	11
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 26 15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1658.00	-68.63	1.70	8.70	Horizontal	-63.78	-13.00	50.78	17
3	2487.00	-67.31	2.30	12.00	Horizontal	-59.76	-13.00	46.76	225
4	3316.00	-66.59	2.70	12.70	Horizontal	-58.74	-13.00	45.74	11
5	4145.00	-64.27	3.00	12.50	Horizontal	-56.92	-13.00	43.92	265
6	4974.00	-61.65	3.40	12.50	Horizontal	-54.70	-13.00	41.70	33
7	5803.00	-60.33	3.40	12.80	Horizontal	-53.08	-13.00	40.08	16
8	6632.00	-58.88	4.10	11.50	Horizontal	-53.63	-13.00	40.63	15
9	7461.00	-55.13	4.20	12.20	Horizontal	-49.28	-13.00	36.28	35
10	8290.00	-55.64	4.30	12.50	Horizontal	-49.59	-13.00	36.59	148
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

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Upper Antenna

GSM 850 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.20	-64.88	1.70	8.70	Horizontal	-60.03	-13.00	47.03	125
3	2509.55	-53.50	2.30	12.00	Horizontal	-45.95	-13.00	32.95	27
4	3346.40	-67.53	2.70	12.70	Horizontal	-59.68	-13.00	46.68	165
5	4183.00	-64.14	3.00	12.50	Horizontal	-56.79	-13.00	43.79	38
6	5019.60	-61.39	3.40	12.50	Horizontal	-54.44	-13.00	41.44	275
7	5856.20	-61.14	3.40	12.80	Horizontal	-53.89	-13.00	40.89	155
8	6692.80	-59.58	4.10	11.50	Horizontal	-54.33	-13.00	41.33	287
9	7529.40	-56.02	4.20	12.20	Horizontal	-50.17	-13.00	37.17	14
10	8366.00	-54.97	4.30	12.50	Horizontal	-48.92	-13.00	35.92	24

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

WCDMA Band V CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1671.20	-68.12	1.70	8.70	Horizontal	-63.27	-13.00	50.27	35
3	2510.40	-62.56	2.30	12.00	Horizontal	-55.01	-13.00	42.01	11
4	3346.40	-67.24	2.70	12.70	Horizontal	-59.39	-13.00	46.39	73
5	4183.00	-64.11	3.00	12.50	Horizontal	-56.76	-13.00	43.76	33
6	5019.60	-61.32	3.40	12.50	Horizontal	-54.37	-13.00	41.37	75
7	5856.20	-60.19	3.40	12.80	Horizontal	-52.94	-13.00	39.94	28
8	6692.80	-58.68	4.10	11.50	Horizontal	-53.43	-13.00	40.43	111
9	7529.40	-55.92	4.20	12.20	Horizontal	-50.07	-13.00	37.07	24
10	8366.00	-55.35	4.30	12.50	Horizontal	-49.30	-13.00	36.30	145

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

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LTE Band 5 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-65.20	1.70	8.70	Vertical	-60.35	-13.00	47.35	196
3	2509.50	-61.48	2.30	12.00	Vertical	-53.93	-13.00	40.93	217
4	3346.00	-67.75	2.70	12.70	Vertical	-59.90	-13.00	46.90	135
5	4182.50	-64.22	3.00	12.50	Vertical	-56.87	-13.00	43.87	44
6	5019.00	-60.98	3.40	12.50	Vertical	-54.03	-13.00	41.03	86
7	5855.50	-60.73	3.40	12.80	Vertical	-53.48	-13.00	40.48	201
8	6692.00	-58.63	4.10	11.50	Vertical	-53.38	-13.00	40.38	180
9	7528.50	-56.46	4.20	12.20	Vertical	-50.61	-13.00	37.61	94
10	8365.00	-55.42	4.30	12.50	Vertical	-49.37	-13.00	36.37	62
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 5 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.60	-66.15	1.70	8.70	Vertical	-61.30	-13.00	48.30	83
3	2503.30	-60.26	2.30	12.00	Vertical	-52.71	-13.00	39.71	65
4	3336.00	-67.05	2.70	12.70	Vertical	-59.20	-13.00	46.20	88
5	4170.00	-64.56	3.00	12.50	Vertical	-57.21	-13.00	44.21	45
6	5004.00	-60.21	3.40	12.50	Vertical	-53.26	-13.00	40.26	107
7	5838.00	-60.76	3.40	12.80	Vertical	-53.51	-13.00	40.51	118
8	6672.00	-58.20	4.10	11.50	Vertical	-52.95	-13.00	39.95	273
9	7506.00	-55.57	4.20	12.20	Vertical	-49.72	-13.00	36.72	90
10	8340.00	-55.42	4.30	12.50	Vertical	-49.37	-13.00	36.37	135
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

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LTE Band 5 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1664.40	-66.71	1.70	8.70	Vertical	-61.86	-13.00	48.86	138
3	2496.60	-60.69	2.30	12.00	Vertical	-53.14	-13.00	40.14	114
4	3326.00	-67.54	2.70	12.70	Vertical	-59.69	-13.00	46.69	180
5	4157.50	-63.74	3.00	12.50	Vertical	-56.39	-13.00	43.39	241
6	4989.00	-61.52	3.40	12.50	Vertical	-54.57	-13.00	41.57	226
7	5820.50	-61.26	3.40	12.80	Vertical	-54.01	-13.00	41.01	95
8	6652.00	-59.06	4.10	11.50	Vertical	-53.81	-13.00	40.81	82
9	7483.50	-55.54	4.20	12.20	Vertical	-49.69	-13.00	36.69	103
10	8315.00	-55.40	4.30	12.50	Vertical	-49.35	-13.00	36.35	135
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 26 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.00	-66.11	1.70	8.70	Vertical	-61.26	-13.00	48.26	15
3	2509.50	-61.50	2.30	12.00	Vertical	-53.95	-13.00	40.95	107
4	3346.00	-67.20	2.70	12.70	Vertical	-59.35	-13.00	46.35	44
5	4182.50	-63.77	3.00	12.50	Vertical	-56.42	-13.00	43.42	43
6	5019.00	-61.40	3.40	12.50	Vertical	-54.45	-13.00	41.45	76
7	5855.50	-60.43	3.40	12.80	Vertical	-53.18	-13.00	40.18	49
8	6692.00	-58.76	4.10	11.50	Vertical	-53.51	-13.00	40.51	165
9	7528.50	-55.98	4.20	12.20	Vertical	-50.13	-13.00	37.13	48
10	8365.00	-55.43	4.30	12.50	Vertical	-49.38	-13.00	36.38	11
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

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LTE Band 26 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1668.00	-65.90	1.70	8.70	Vertical	-61.05	-13.00	48.05	219
3	2502.00	-64.79	2.30	12.00	Vertical	-57.24	-13.00	44.24	84
4	3336.00	-67.24	2.70	12.70	Vertical	-59.39	-13.00	46.39	46
5	4170.00	-63.89	3.00	12.50	Vertical	-56.54	-13.00	43.54	44
6	5004.00	-61.16	3.40	12.50	Vertical	-54.21	-13.00	41.21	136
7	5838.00	-60.43	3.40	12.80	Vertical	-53.18	-13.00	40.18	185
8	6672.00	-58.39	4.10	11.50	Vertical	-53.14	-13.00	40.14	165
9	7506.00	-55.07	4.20	12.20	Vertical	-49.22	-13.00	36.22	43
10	8340.00	-55.77	4.30	12.50	Vertical	-49.72	-13.00	36.72	11
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 26 15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1658.00	-67.06	1.70	8.70	Vertical	-62.21	-13.00	49.21	45
3	2487.00	-60.31	2.30	12.00	Vertical	-52.76	-13.00	39.76	308
4	3316.00	-67.17	2.70	12.70	Vertical	-59.32	-13.00	46.32	11
5	4145.00	-64.26	3.00	12.50	Vertical	-56.91	-13.00	43.91	265
6	4974.00	-61.43	3.40	12.50	Vertical	-54.48	-13.00	41.48	33
7	5803.00	-60.55	3.40	12.80	Vertical	-53.30	-13.00	40.30	16
8	6632.00	-58.97	4.10	11.50	Vertical	-53.72	-13.00	40.72	15
9	7461.00	-54.16	4.20	12.20	Vertical	-48.31	-13.00	35.31	35
10	8290.00	-55.71	4.30	12.50	Vertical	-49.66	-13.00	36.66	148
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

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7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Climate Chamber	WEISS	VT 4002	58226119450010	2023-05-12	2024-05-11
Wireless Communication Tester	R&S	CMW500	150415	2023-05-12	2024-05-11
Spectrum Analyzer	Keysight	N9020A	MY50510203	2023-05-12	2024-05-11
Wireless Communication Tester	Agilent	E5515C	MY48367192	2023-05-12	2024-05-11
DC Power Supply	UNI-T	UTP1310+	C220795889	2023-05-12	2024-05-11
Spectrum Analyzer	R&S	FSV3030	101411	2022-12-10	2023-12-09
Radiated Spurious Emission					
Signal Analyzer	R&S	FSV30	100815	2022-12-10	2023-12-09
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	391	2022-09-29	2025-09-28
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Software	R&S	EMC32	10.35.10	/	/

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ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

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ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

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ANNEX C: Product Change Description

The Product Change Description are submitted separately.

******** END OF REPORT ********

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