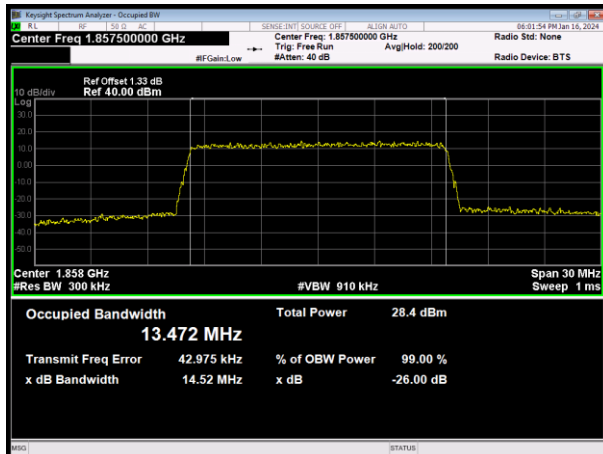
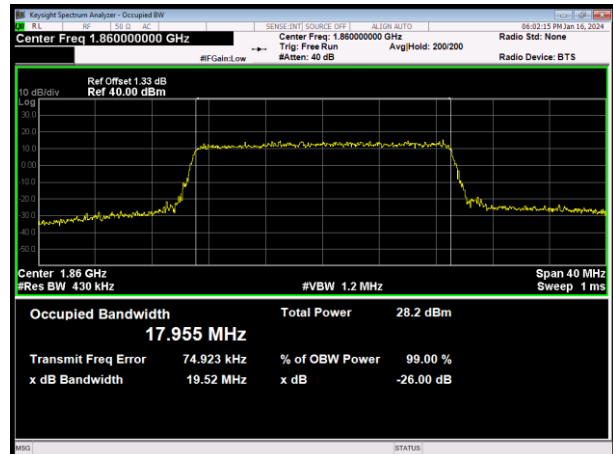


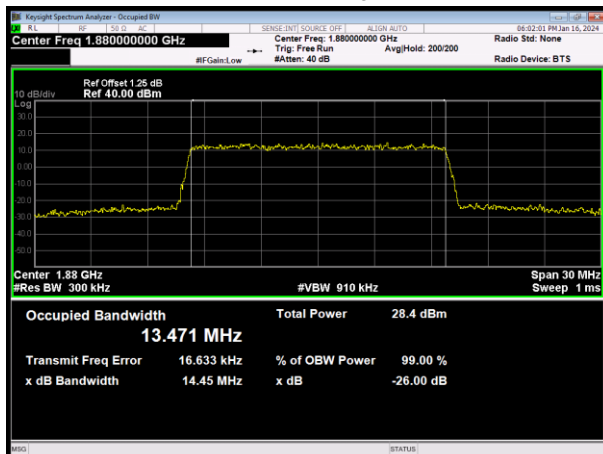
LTE Band 2 15MHz 16QAM CH-Low



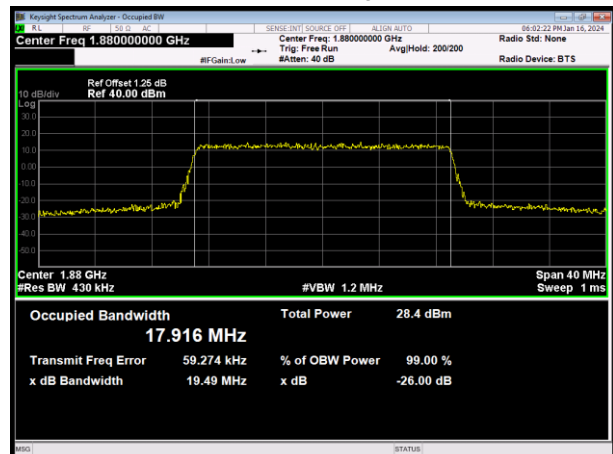
LTE Band 2 20MHz 16QAM CH-Low



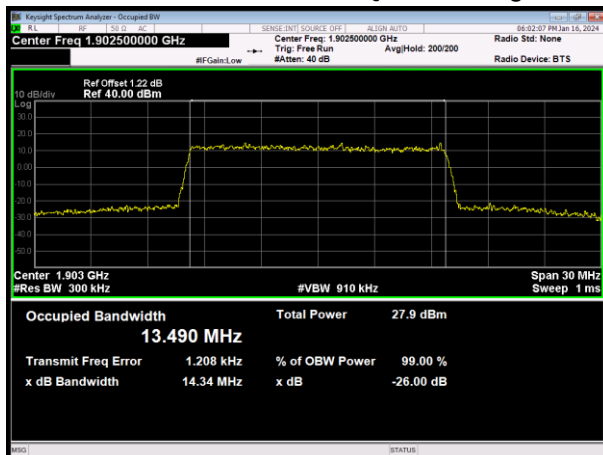
LTE Band 2 15MHz 16QAM CH-Middle



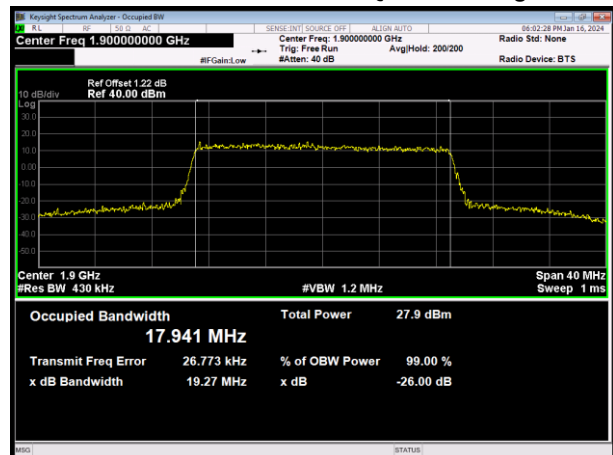
LTE Band 2 20MHz 16QAM CH-Middle



LTE Band 2 15MHz 16QAM CH-High

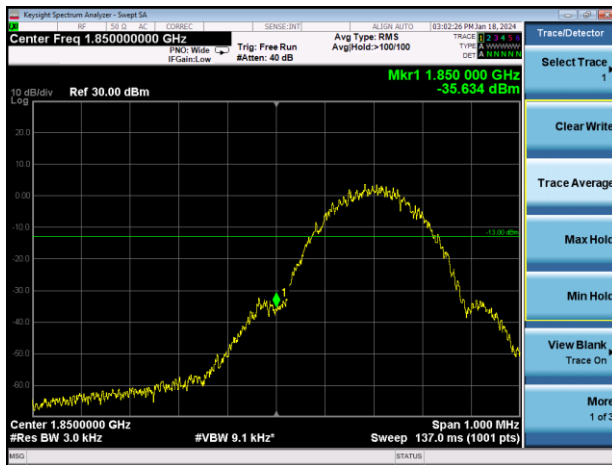


LTE Band 2 20MHz 16QAM CH-High



6.3. Band Edge Compliance

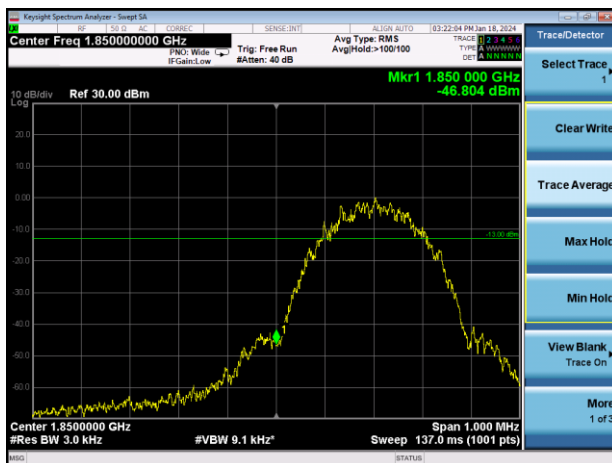
GSM1900 GPRS CH-Low



GSM 1900 GPRS CH-High



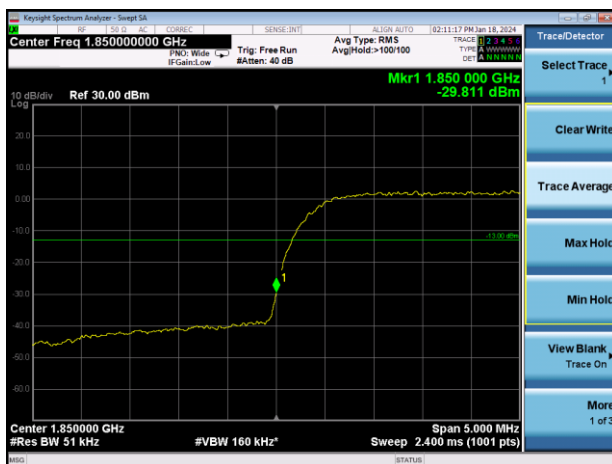
GSM1900 EGPRS CH-Low



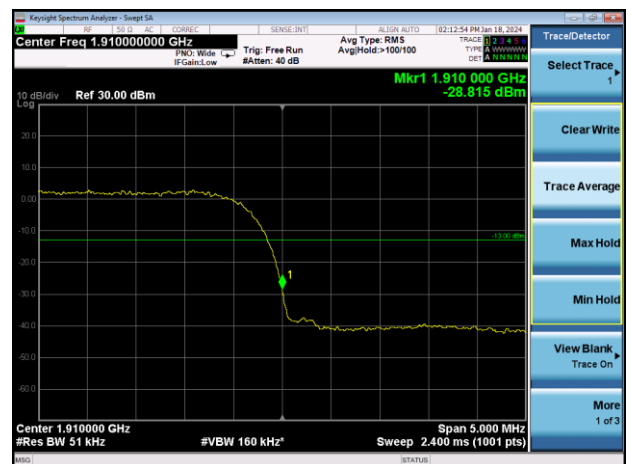
GSM 1900 EGPRS CH-High



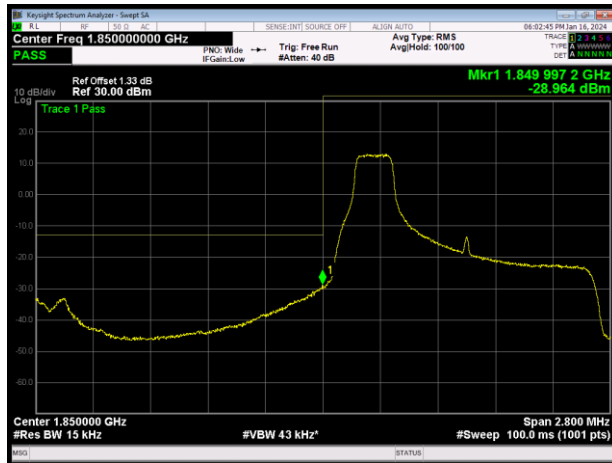
WCDMA Band II RMC CH-Low



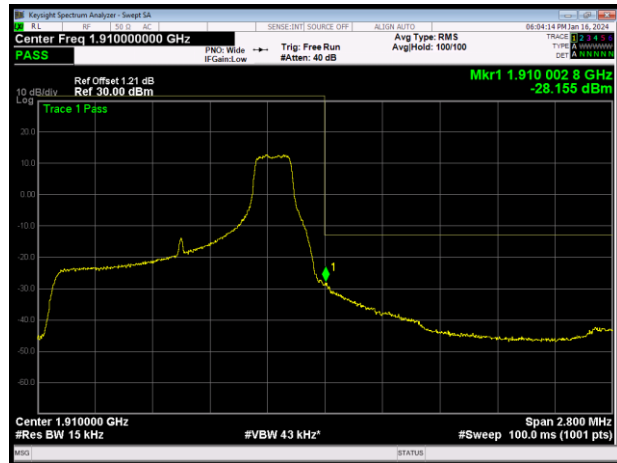
WCDMA Band II RMC CH-High



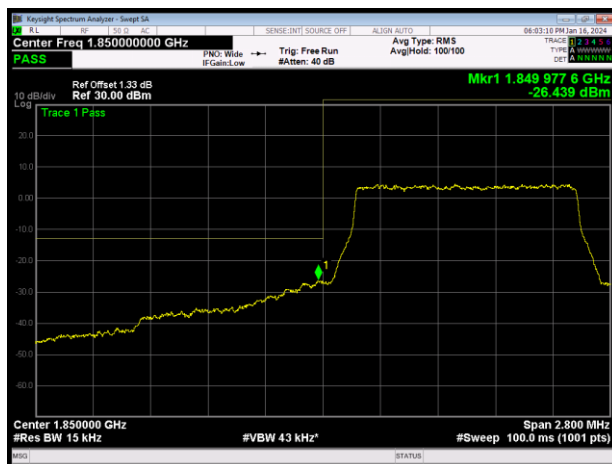
LTE Band 2 1.4MHz QPSK 1RB CH-Low



LTE Band 2 1.4MHz QPSK 1RB CH-High



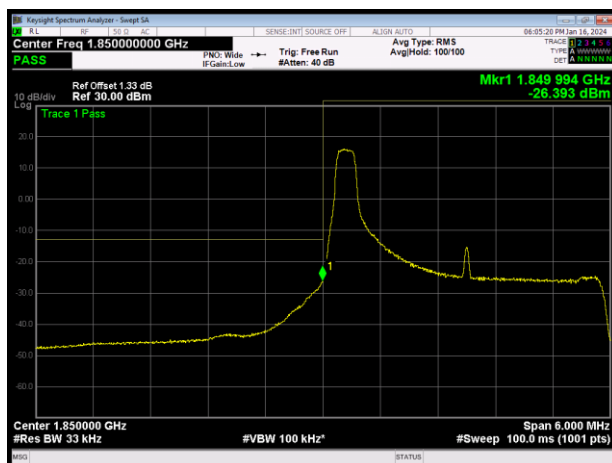
LTE Band 2 1.4MHz QPSK 100%RB CH-Low



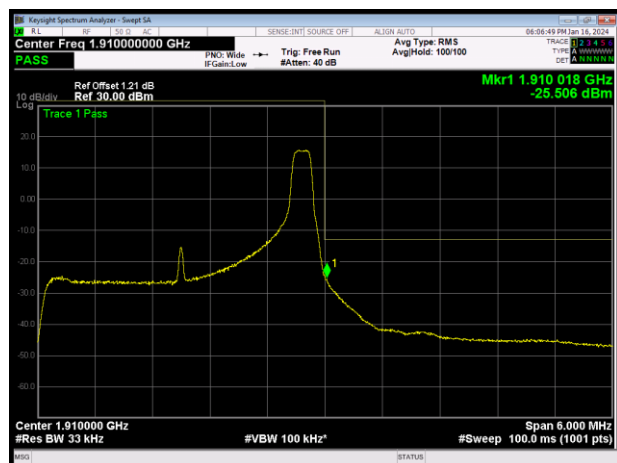
LTE Band 2 1.4MHz QPSK 100%RB CH-High



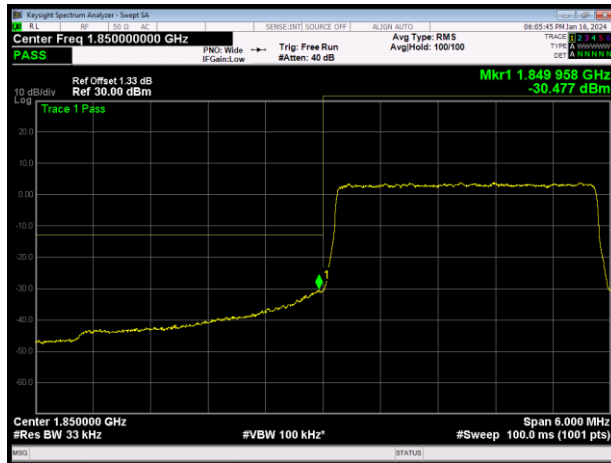
LTE Band 2 3MHz QPSK 1RB CH-Low



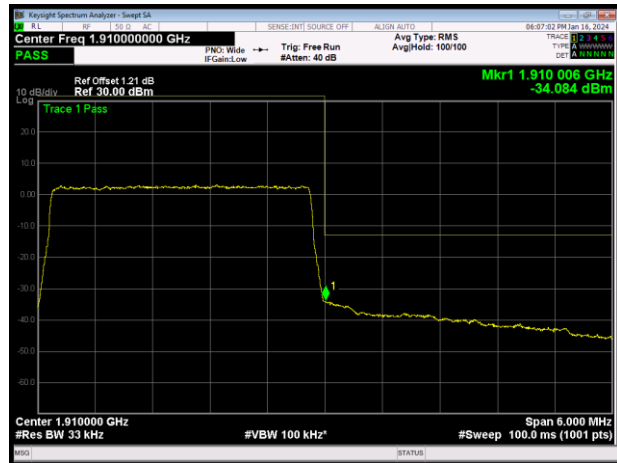
LTE Band 2 3MHz QPSK 1RB CH-High



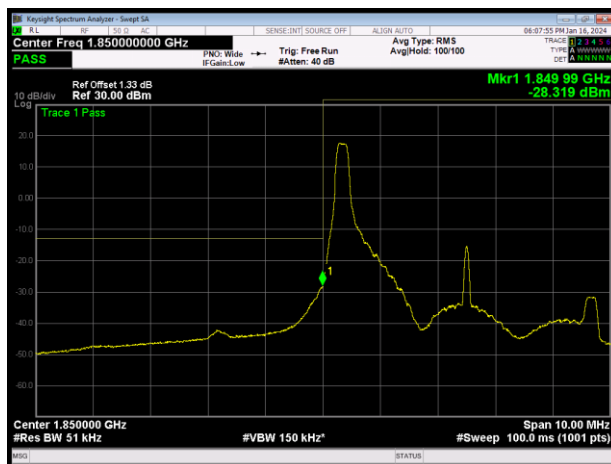
LTE Band 2 3MHz QPSK 100%RB CH-Low



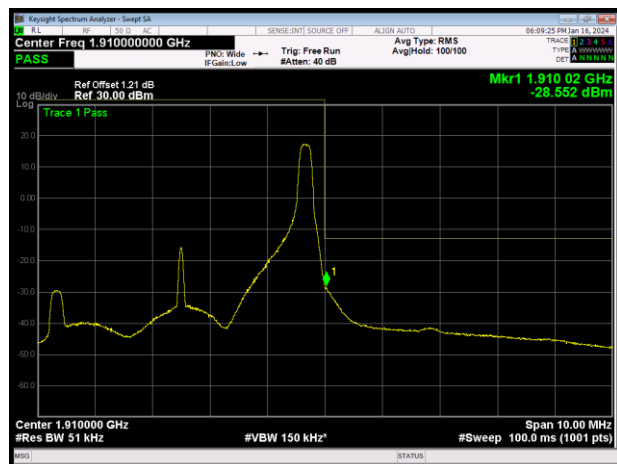
LTE Band 2 3MHz QPSK 100%RB CH-High



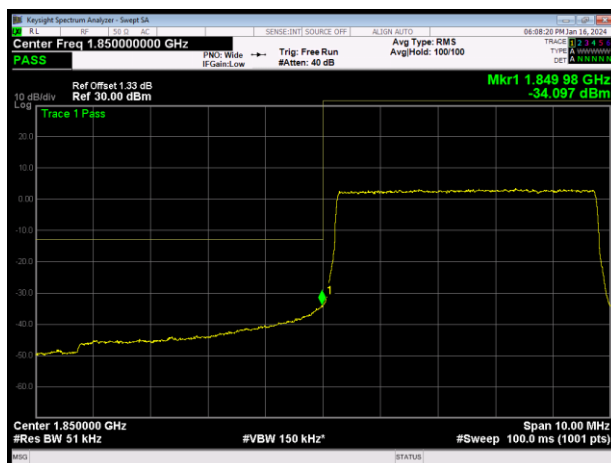
LTE Band 2 5MHz QPSK 1RB CH-Low



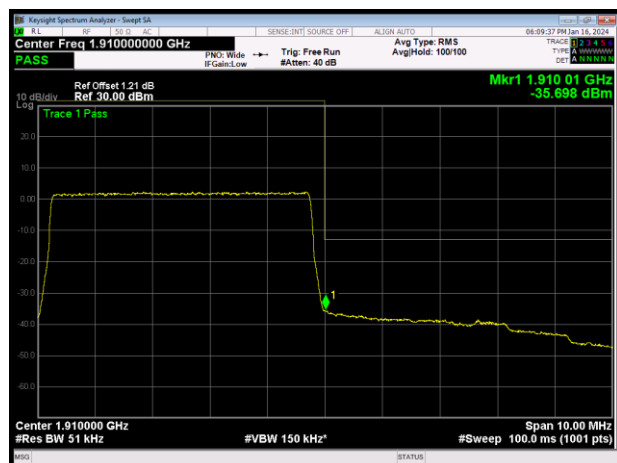
LTE Band 2 5MHz QPSK 1RB CH-High



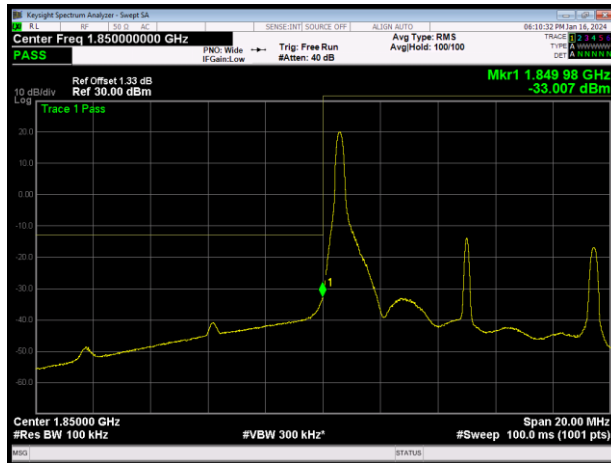
LTE Band 2 5MHz QPSK 100%RB CH-Low



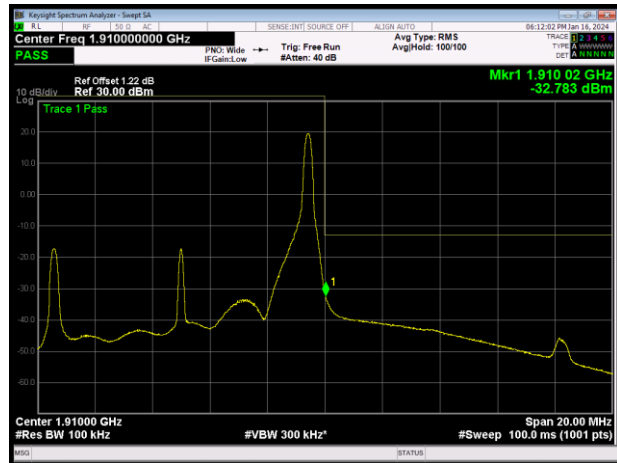
LTE Band 2 5MHz QPSK 100%RB CH-High



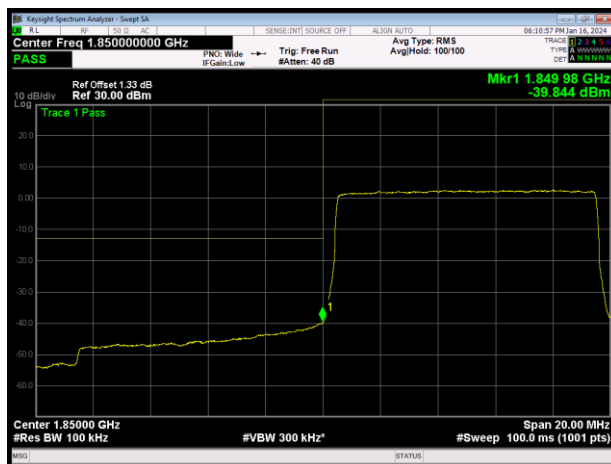
LTE Band 2 10MHz QPSK 1RB CH-Low



LTE Band 2 10MHz QPSK 1RB CH-High



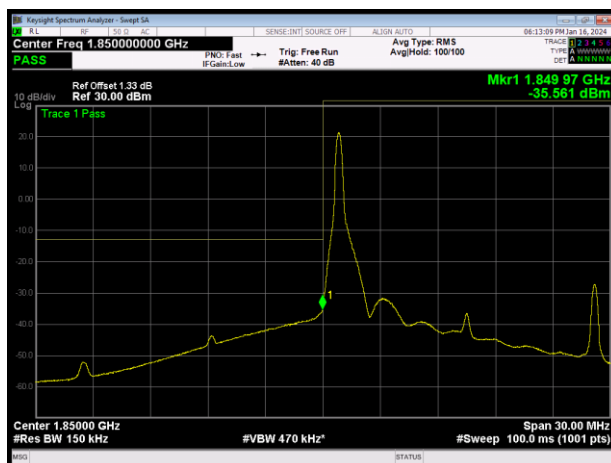
LTE Band 2 10MHz QPSK 100%RB CH-Low



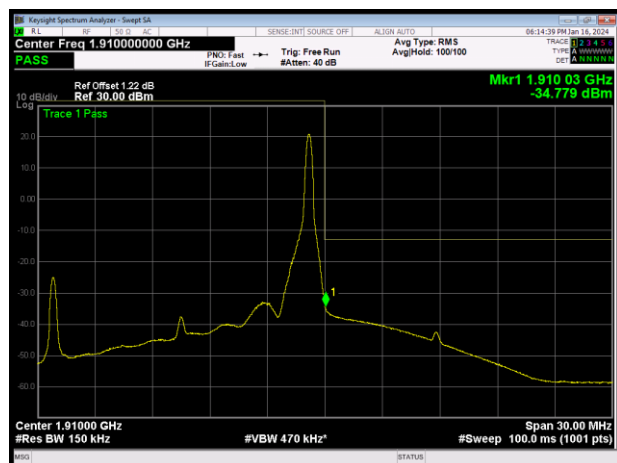
LTE Band 2 10MHz QPSK 100%RB CH-High



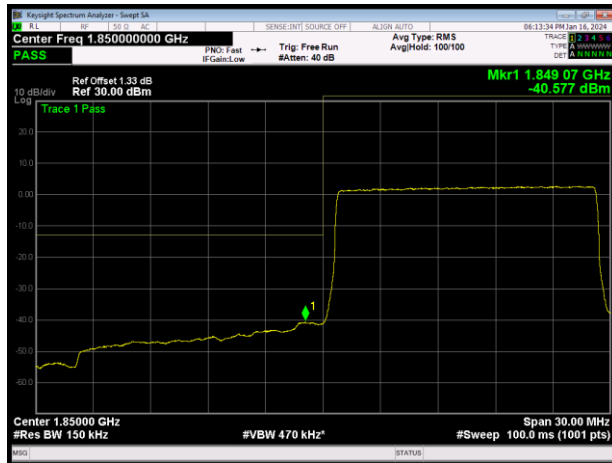
LTE Band 2 15MHz QPSK 1RB CH-Low



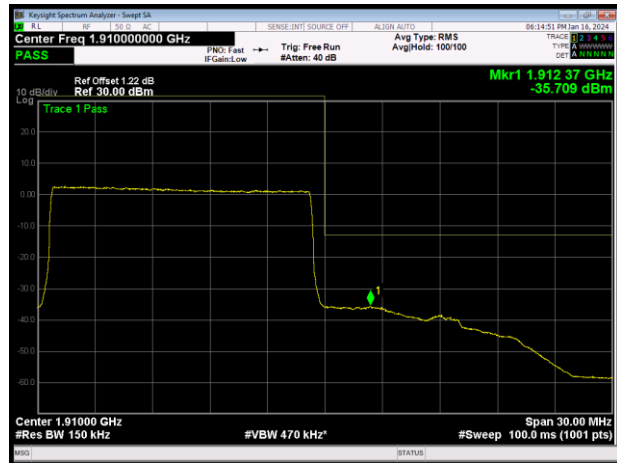
LTE Band 2 15MHz QPSK 1RB CH-High



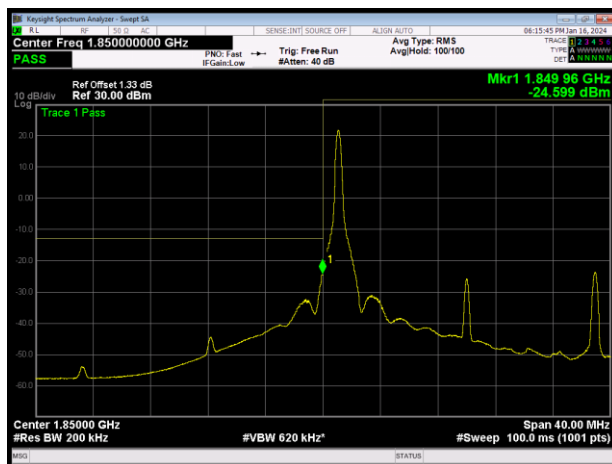
LTE Band 2 15MHz QPSK 100%RB CH-Low



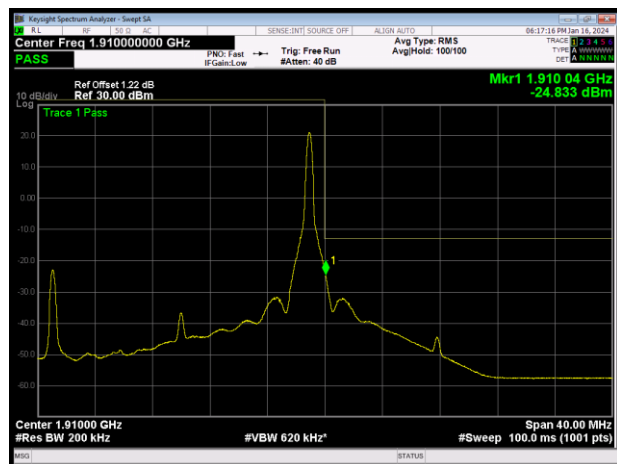
LTE Band 2 15MHz QPSK 100%RB CH-High



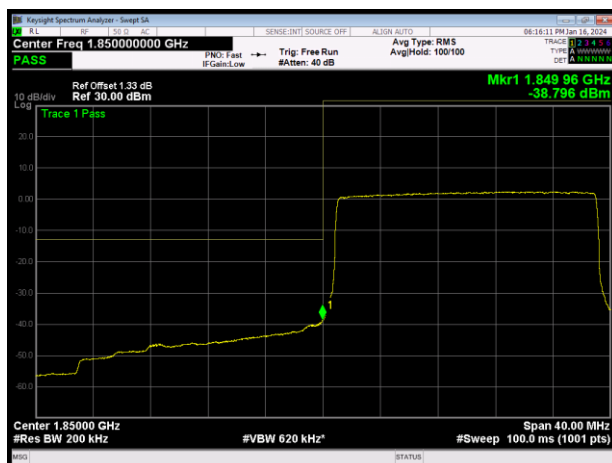
LTE Band 2 20MHz QPSK 1RB CH-Low



LTE Band 2 20MHz QPSK 1RB CH-High



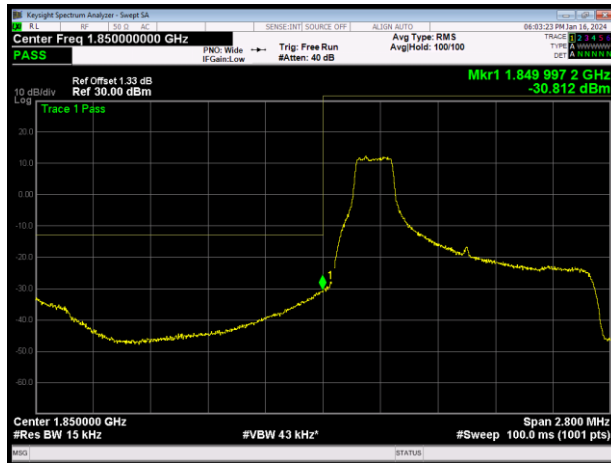
LTE Band 2 20MHz QPSK 100%RB CH-Low



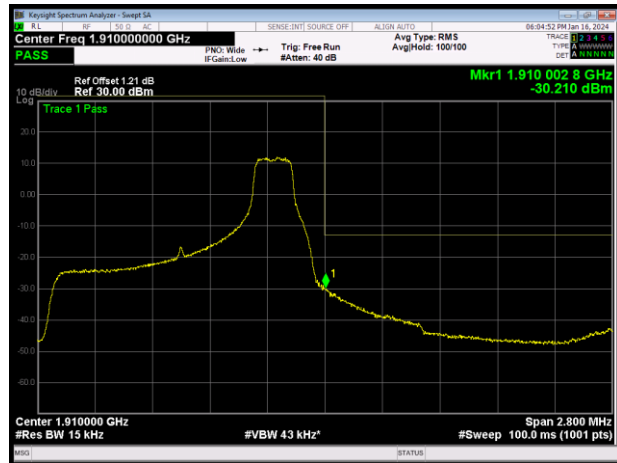
LTE Band 2 20MHz QPSK 100%RB CH-High



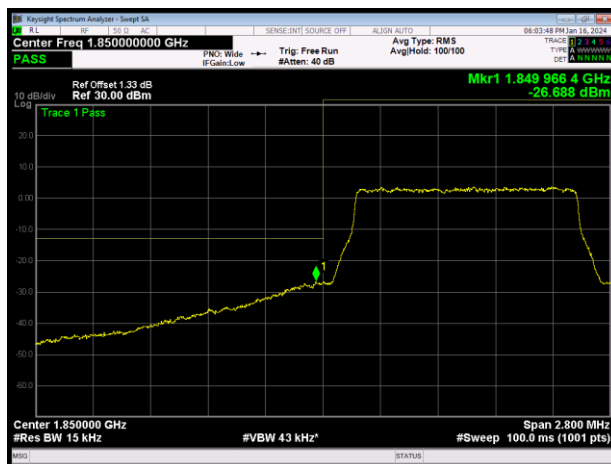
LTE Band 2 1.4MHz 16QAM 1RB CH-Low



LTE Band 2 1.4MHz 16QAM 1RB CH-High



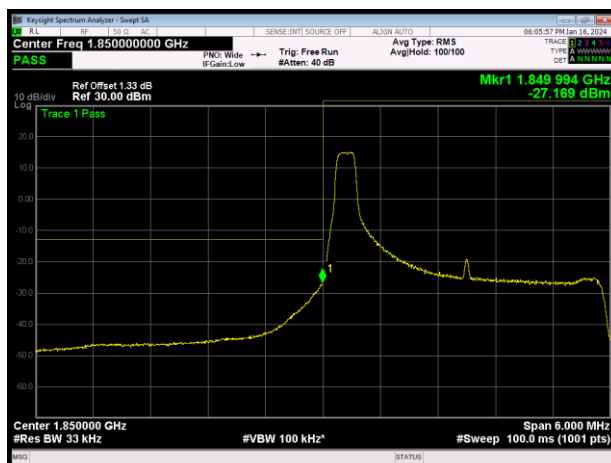
LTE Band 2 1.4MHz 16QAM 100%RB CH-Low



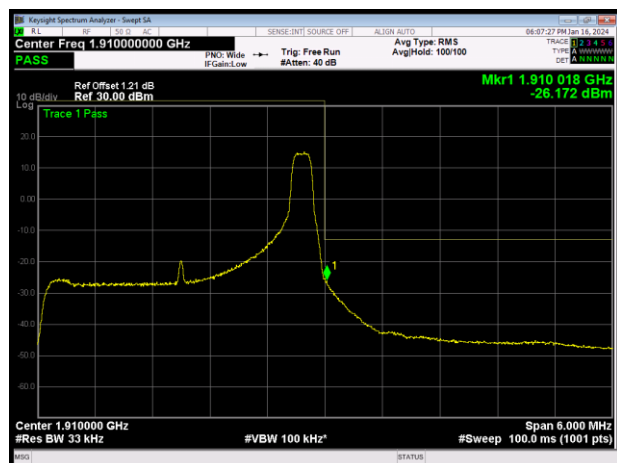
LTE Band 2 1.4MHz 16QAM 100%RB CH-High



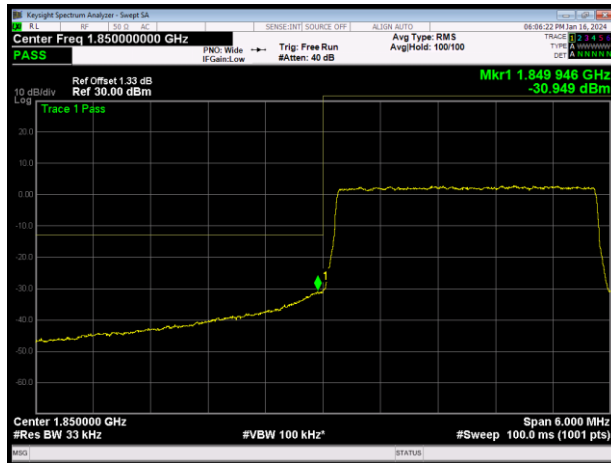
LTE Band 2 3MHz 16QAM 1RB CH-Low



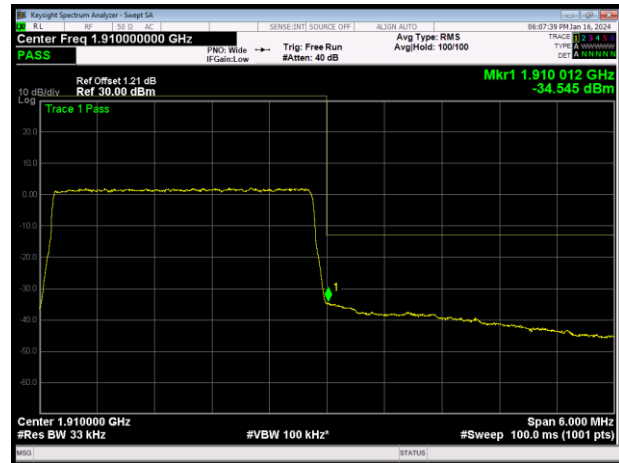
LTE Band 2 3MHz 16QAM 1RB CH-High



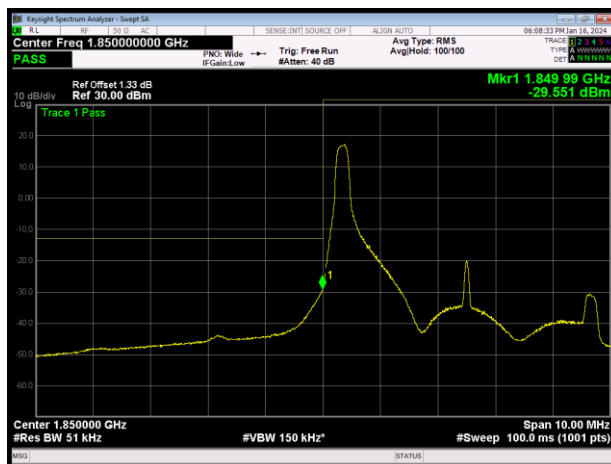
LTE Band 2 3MHz 16QAM 100%RB CH-Low



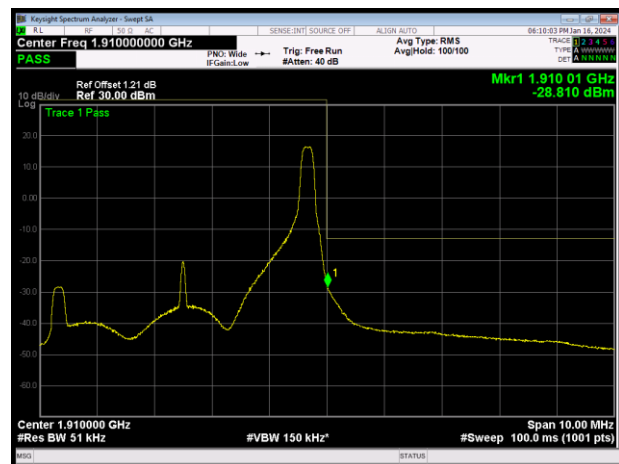
LTE Band 2 3MHz 16QAM 100%RB CH-High



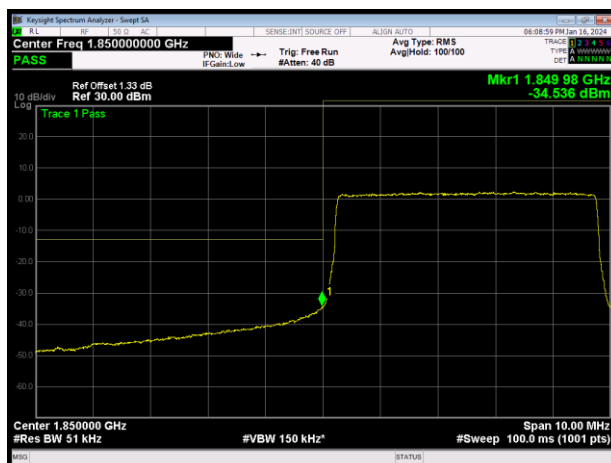
LTE Band 2 5MHz 16QAM 1RB CH-Low



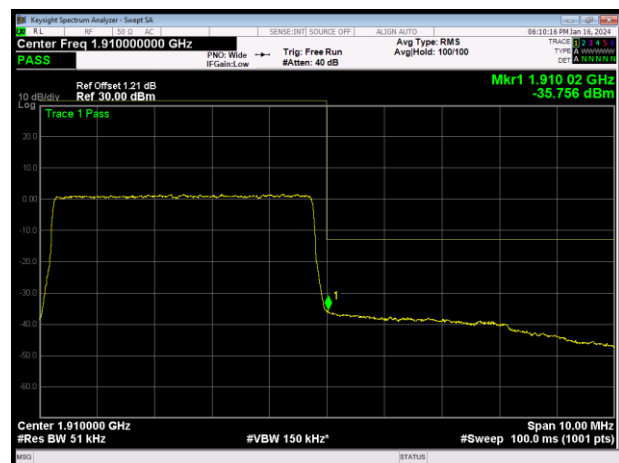
LTE Band 2 5MHz 16QAM 1RB CH-High



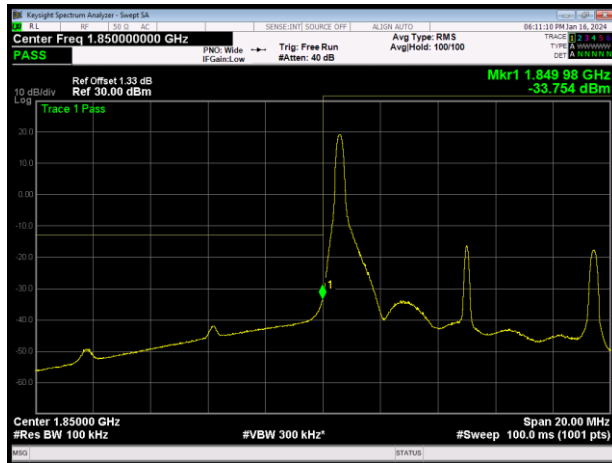
LTE Band 2 5MHz 16QAM 100%RB CH-Low



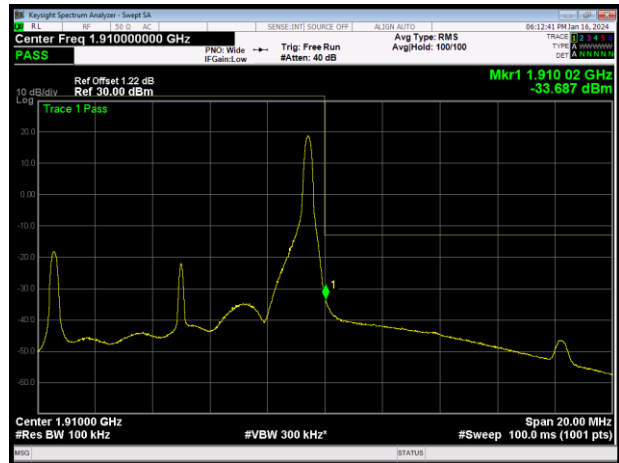
LTE Band 2 5MHz 16QAM 100%RB CH-High



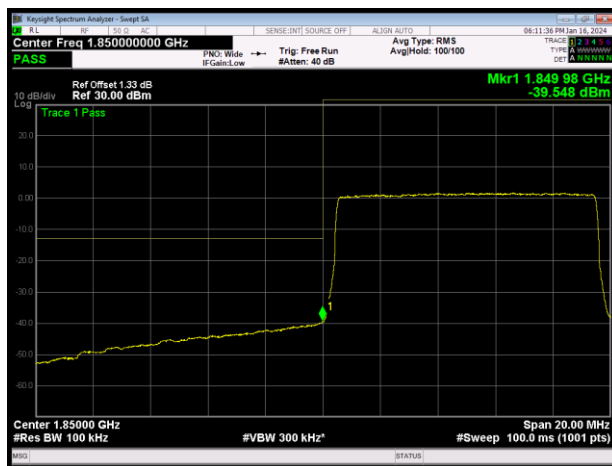
LTE Band 2 10MHz 16QAM 1RB CH-Low



LTE Band 2 10MHz 16QAM 1RB CH-High



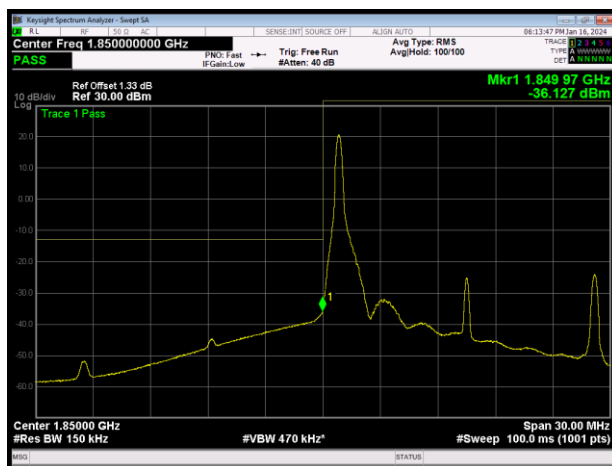
LTE Band 2 10MHz 16QAM 100%RB CH-Low



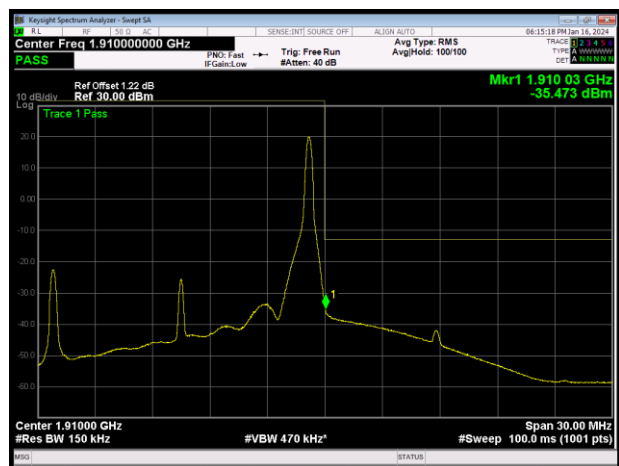
LTE Band 2 10MHz 16QAM 100%RB CH-High



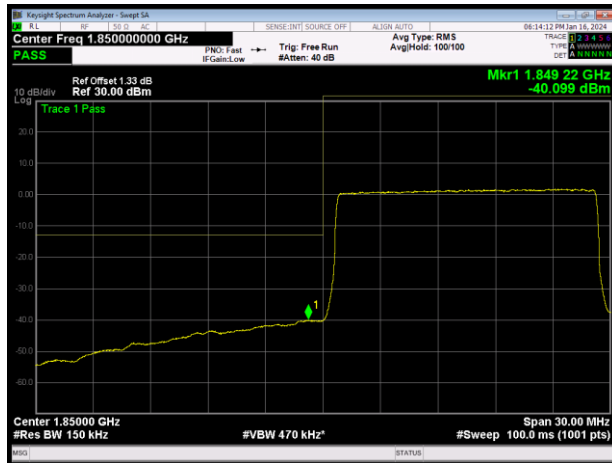
LTE Band 2 15MHz 16QAM 1RB CH-Low



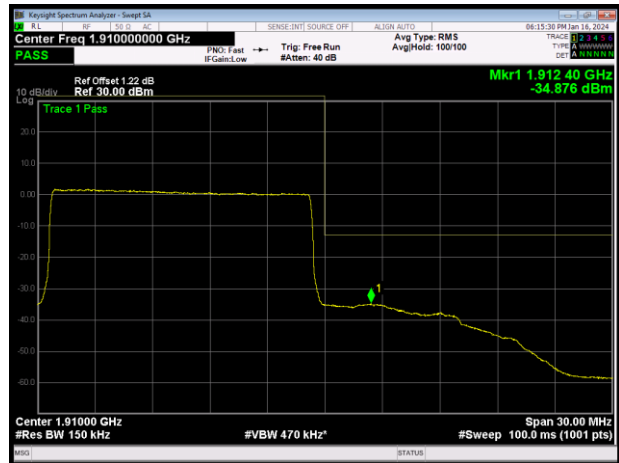
LTE Band 2 15MHz 16QAM 1RB CH-High



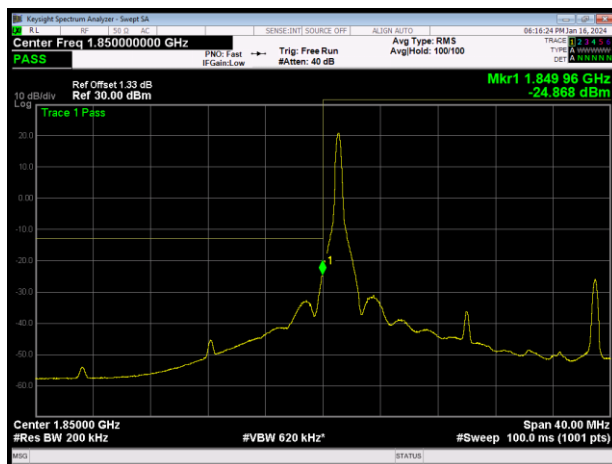
LTE Band 2 15MHz 16QAM 100%RB CH-Low



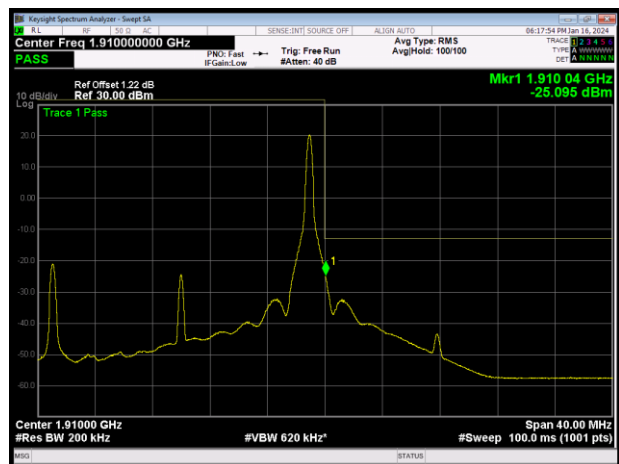
LTE Band 2 15MHz 16QAM 100%RB CH-High



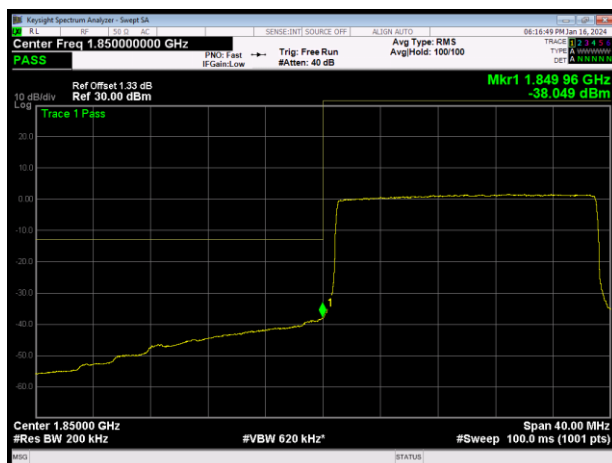
LTE Band 2 20MHz 16QAM 1RB CH-Low



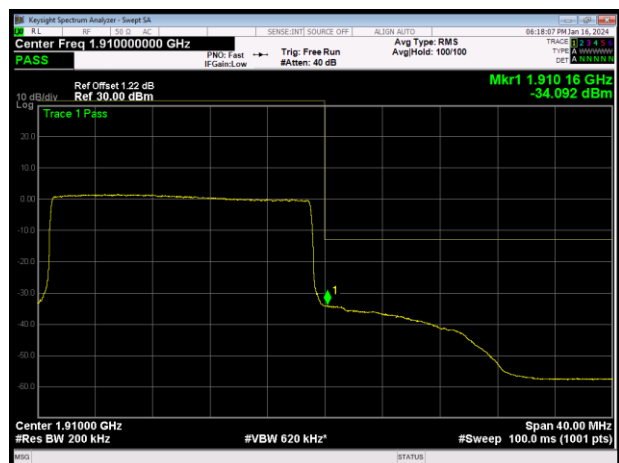
LTE Band 2 20MHz 16QAM 1RB CH-High



LTE Band 2 20MHz 16QAM 100%RB CH-Low



LTE Band 2 20MHz 16QAM 100%RB CH-High



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

Mode	Channel	Frequency (MHz)	Peak(dBm)	Avg(dBm)	PAPR(dB)	Limit(dB)	Conclusion
GPRS 1900 (GMSK)	512	1850.2	27.54	24.81	2.73	≤13	PASS
	661	1880	27.55	24.84	2.71	≤13	PASS
	810	1909.8	27.50	24.79	2.71	≤13	PASS
EGPRS 1900 (8PSK)	512	1850.2	25.54	20.02	5.52	≤13	PASS
	661	1880	25.48	19.92	5.56	≤13	PASS
	810	1909.8	25.70	20.10	5.60	≤13	PASS
WCDMA Band II (RMC)	9262	1852.4	23.27	20.33	2.94	≤13	PASS
	9400	1880	23.59	20.50	3.09	≤13	PASS
	9538	1907.6	23.42	20.49	2.93	≤13	PASS

LTE Band2							
Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
1.4	18607	6	#0	QPSK	5.52	≤13	PASS
1.4	18607	6	#0	16QAM	6.22	≤13	PASS
1.4	18900	6	#0	QPSK	5.75	≤13	PASS
1.4	18900	6	#0	16QAM	6.61	≤13	PASS
1.4	19193	6	#0	QPSK	5.65	≤13	PASS
1.4	19193	6	#0	16QAM	6.28	≤13	PASS
3	18615	15	#0	QPSK	5.64	≤13	PASS
3	18615	15	#0	16QAM	6.34	≤13	PASS
3	18900	15	#0	QPSK	5.78	≤13	PASS
3	18900	15	#0	16QAM	6.55	≤13	PASS
3	19185	15	#0	QPSK	5.62	≤13	PASS
3	19185	15	#0	16QAM	6.38	≤13	PASS
5	18625	25	#0	QPSK	5.58	≤13	PASS
5	18625	25	#0	16QAM	6.24	≤13	PASS
5	18900	25	#0	QPSK	5.81	≤13	PASS
5	18900	25	#0	16QAM	6.53	≤13	PASS
5	19175	25	#0	QPSK	5.66	≤13	PASS
5	19175	25	#0	16QAM	6.41	≤13	PASS
10	18650	50	#0	QPSK	5.59	≤13	PASS
10	18650	50	#0	16QAM	6.33	≤13	PASS
10	18900	50	#0	QPSK	5.80	≤13	PASS
10	18900	50	#0	16QAM	6.63	≤13	PASS
10	19150	50	#0	QPSK	5.85	≤13	PASS
10	19150	50	#0	16QAM	6.58	≤13	PASS

15	18675	75	#0	QPSK	5.99	≤13	PASS
15	18675	75	#0	16QAM	6.43	≤13	PASS
15	18900	75	#0	QPSK	6.12	≤13	PASS
15	18900	75	#0	16QAM	6.60	≤13	PASS
15	19125	75	#0	QPSK	6.15	≤13	PASS
15	19125	75	#0	16QAM	6.64	≤13	PASS
20	18700	100	#0	QPSK	5.63	≤13	PASS
20	18700	100	#0	16QAM	6.42	≤13	PASS
20	18900	100	#0	QPSK	5.75	≤13	PASS
20	18900	100	#0	16QAM	6.56	≤13	PASS
20	19100	100	#0	QPSK	5.76	≤13	PASS
20	19100	100	#0	16QAM	6.56	≤13	PASS

6.5. Frequency Stability

GSM1900						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
Temperature	Voltage	GMSK	8PSK	GMSK	8PSK	
Normal (25℃)	Normal	17.66	10.13	0.00939	0.00539	PASS
Extreme (50℃)		5.61	9.65	0.00298	0.00513	PASS
Extreme (40℃)		8.20	6.97	0.00436	0.00370	PASS
Extreme (30℃)		9.58	6.91	0.00509	0.00367	PASS
Extreme (20℃)		9.10	1.31	0.00484	0.00070	PASS
Extreme (10℃)		5.15	16.95	0.00274	0.00902	PASS
Extreme (0℃)		8.60	5.21	0.00457	0.00277	PASS
Extreme (-10℃)		10.34	15.20	0.00550	0.00808	PASS
Extreme (-20℃)		3.76	3.85	0.00200	0.00205	PASS
Extreme (-30℃)		9.88	5.78	0.00525	0.00308	PASS
25℃	LV	2.94	7.40	0.00156	0.00394	PASS
	HV	10.10	1.61	0.00537	0.00086	PASS

WCDMA Band II						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
Temperature	Voltage	QPSK	BPSK	QPSK	BPSK	
Normal (25℃)	Normal	1.26	6.48	0.00067	0.00345	PASS
Extreme (50℃)		3.94	2.92	0.00210	0.00156	PASS
Extreme (40℃)		15.91	15.92	0.00846	0.00847	PASS
Extreme (30℃)		12.12	10.58	0.00645	0.00563	PASS
Extreme (20℃)		16.50	7.33	0.00878	0.00390	PASS
Extreme (10℃)		14.19	7.17	0.00755	0.00381	PASS
Extreme (0℃)		12.27	2.72	0.00653	0.00145	PASS
Extreme (-10℃)		2.89	6.13	0.00154	0.00326	PASS
Extreme (-20℃)		12.87	16.11	0.00685	0.00857	PASS
Extreme (-30℃)		14.49	15.31	0.00771	0.00814	PASS
25℃	LV	8.95	16.46	0.00476	0.00875	PASS
	HV	4.36	7.52	0.00232	0.00400	PASS

LTE Band 2						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	1.4MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	17.05	11.11	0.00907	0.00591	PASS
Extreme (50℃)		11.39	9.96	0.00606	0.00530	PASS
Extreme (40℃)		5.18	11.64	0.00276	0.00619	PASS
Extreme (30℃)		14.36	13.70	0.00764	0.00729	PASS
Extreme (20℃)		2.92	11.70	0.00155	0.00622	PASS
Extreme (10℃)		12.87	16.56	0.00685	0.00881	PASS
Extreme (0℃)		5.28	1.44	0.00281	0.00077	PASS
Extreme (-10℃)		5.24	3.54	0.00279	0.00188	PASS
Extreme (-20℃)		12.04	17.49	0.00640	0.00930	PASS
Extreme (-30℃)		17.64	5.67	0.00938	0.00301	PASS
25℃	LV	14.94	6.33	0.00795	0.00337	PASS
	HV	6.28	14.38	0.00334	0.00765	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	3MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	2.32	5.50	0.00124	0.00293	PASS
Extreme (50℃)		7.13	4.08	0.00379	0.00217	PASS
Extreme (40℃)		9.88	17.39	0.00526	0.00925	PASS
Extreme (30℃)		11.41	1.36	0.00607	0.00072	PASS
Extreme (20℃)		6.48	14.07	0.00345	0.00748	PASS
Extreme (10℃)		11.46	1.42	0.00610	0.00075	PASS
Extreme (0℃)		14.53	14.78	0.00773	0.00786	PASS
Extreme (-10℃)		11.98	15.25	0.00637	0.00811	PASS
Extreme (-20℃)		12.29	6.52	0.00654	0.00347	PASS
Extreme (-30℃)		15.11	8.60	0.00804	0.00457	PASS
25℃	LV	9.16	9.41	0.00487	0.00500	PASS
	HV	9.33	12.81	0.00496	0.00681	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	11.93	8.95	0.00635	0.00476	PASS
Extreme (50℃)		3.06	11.69	0.00163	0.00622	PASS

Extreme (40℃)		1.71	17.61	0.00091	0.00937	PASS
Extreme (30℃)		1.93	1.70	0.00103	0.00091	PASS
Extreme (20℃)		16.95	17.54	0.00901	0.00933	PASS
Extreme (10℃)		4.08	16.93	0.00217	0.00901	PASS
Extreme (0℃)		11.44	2.72	0.00608	0.00145	PASS
Extreme (-10℃)		9.62	11.27	0.00512	0.00600	PASS
Extreme (-20℃)		6.59	11.26	0.00351	0.00599	PASS
Extreme (-30℃)		9.56	14.83	0.00508	0.00789	PASS
25℃	LV	15.83	12.77	0.00842	0.00679	PASS
	HV	12.17	6.84	0.00647	0.00364	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	10MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	15.50	7.47	0.00825	0.00397	PASS
Extreme (50℃)		10.48	4.57	0.00557	0.00243	PASS
Extreme (40℃)		7.16	12.95	0.00381	0.00689	PASS
Extreme (30℃)		4.78	16.43	0.00254	0.00874	PASS
Extreme (20℃)		1.41	12.82	0.00075	0.00682	PASS
Extreme (10℃)		6.23	5.43	0.00331	0.00289	PASS
Extreme (0℃)		3.72	6.36	0.00198	0.00338	PASS
Extreme (-10℃)		11.53	8.13	0.00613	0.00432	PASS
Extreme (-20℃)		15.48	5.89	0.00824	0.00313	PASS
Extreme (-30℃)		7.80	4.84	0.00415	0.00257	PASS
25℃	LV	3.37	6.04	0.00179	0.00321	PASS
	HV	14.45	10.26	0.00769	0.00546	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	15MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	15.45	3.28	0.00822	0.00174	PASS
Extreme (50℃)		1.40	6.50	0.00074	0.00346	PASS
Extreme (40℃)		7.96	12.56	0.00423	0.00668	PASS
Extreme (30℃)		9.33	17.13	0.00496	0.00911	PASS
Extreme (20℃)		1.89	1.65	0.00100	0.00088	PASS
Extreme (10℃)		6.01	14.54	0.00320	0.00774	PASS
Extreme (0℃)		2.57	8.47	0.00137	0.00451	PASS
Extreme (-10℃)		4.84	2.22	0.00258	0.00118	PASS
Extreme (-20℃)		3.34	14.88	0.00177	0.00791	PASS
Extreme (-30℃)		2.05	10.77	0.00109	0.00573	PASS
25℃	LV	13.38	8.00	0.00712	0.00425	PASS

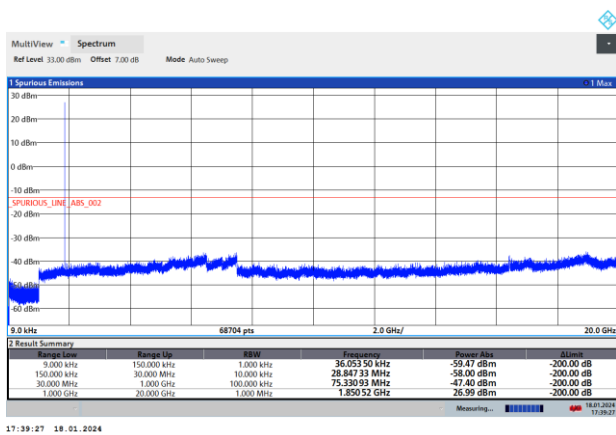
	HV	3.33	6.86	0.00177	0.00365	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	20MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25℃)	Normal	9.91	12.20	0.00527	0.00649	PASS
Extreme (50℃)		14.87	4.83	0.00791	0.00257	PASS
Extreme (40℃)		6.86	14.28	0.00365	0.00760	PASS
Extreme (30℃)		10.11	15.25	0.00538	0.00811	PASS
Extreme (20℃)		6.76	11.31	0.00359	0.00601	PASS
Extreme (10℃)		7.29	10.28	0.00388	0.00547	PASS
Extreme (0℃)		2.64	9.35	0.00141	0.00497	PASS
Extreme (-10℃)		1.39	6.82	0.00074	0.00363	PASS
Extreme (-20℃)		11.66	3.63	0.00620	0.00193	PASS
Extreme (-30℃)		6.93	11.71	0.00368	0.00623	PASS
25℃	LV	3.33	17.31	0.00177	0.00921	PASS
	HV	14.81	3.67	0.00788	0.00195	PASS

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.

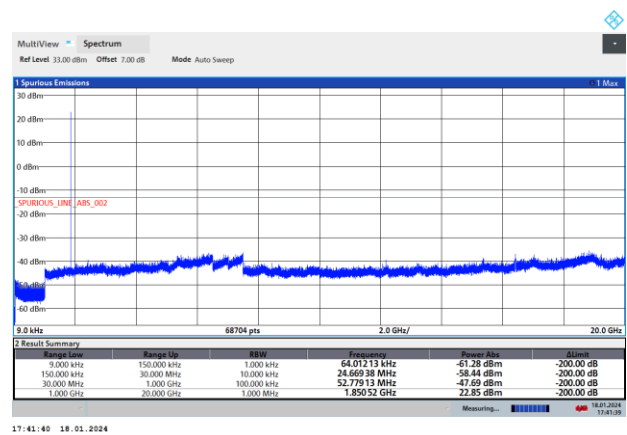
The signal beyond the limit is carrier.

GPRS 1900 CH-Low 9kHz ~ 20GHz



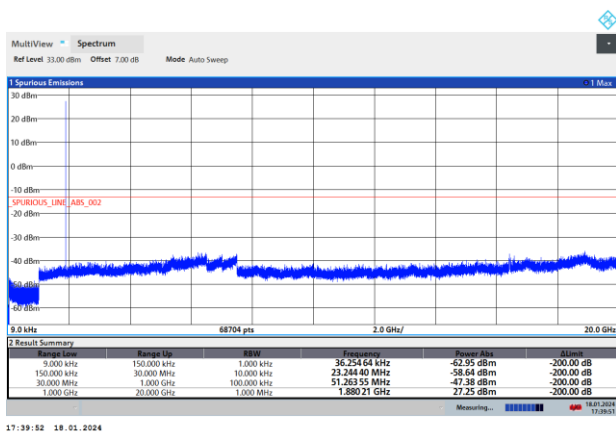
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EGPRS 1900 CH-Low 9kHz ~ 20GHz



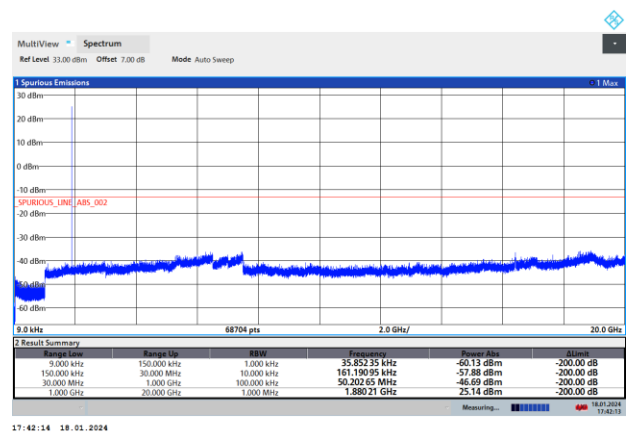
17:41:40 18.01.2024

GPRS 1900 CH- Middle 9kHz ~ 20GHz



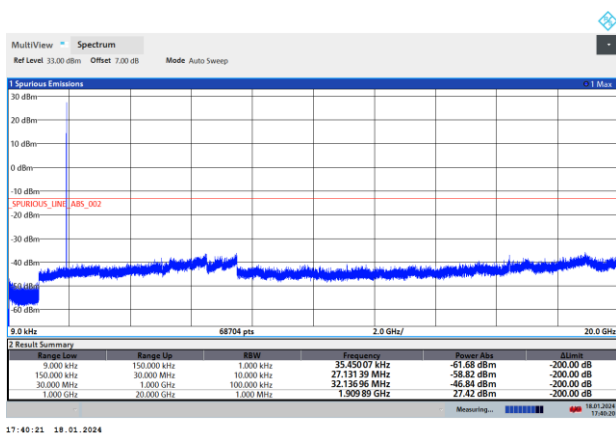
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EGPRS 1900 CH- Middle 9kHz ~ 20GHz



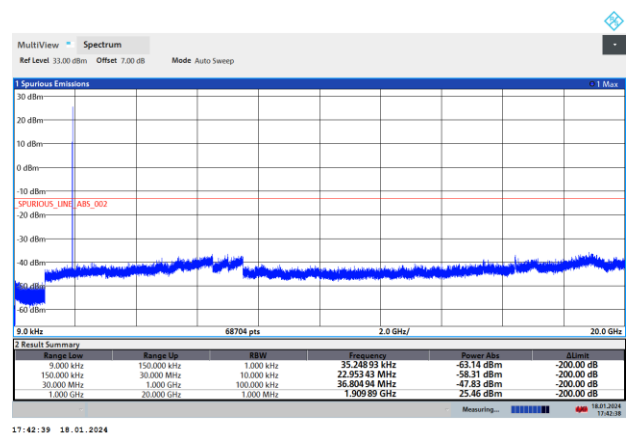
17:42:14 18.01.2024

GPRS 1900 CH-High 9kHz ~ 20GHz



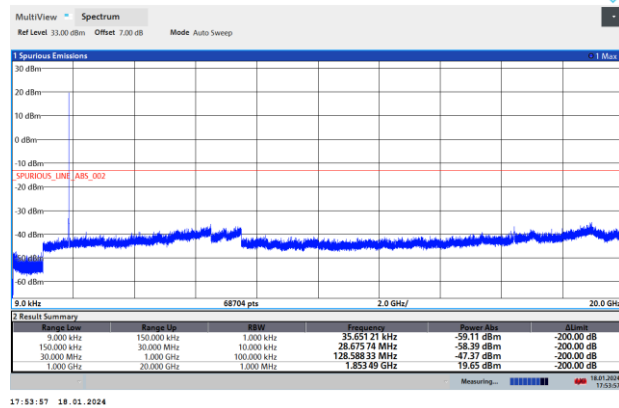
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EGPRS 1900 CH-High 9kHz ~ 20GHz

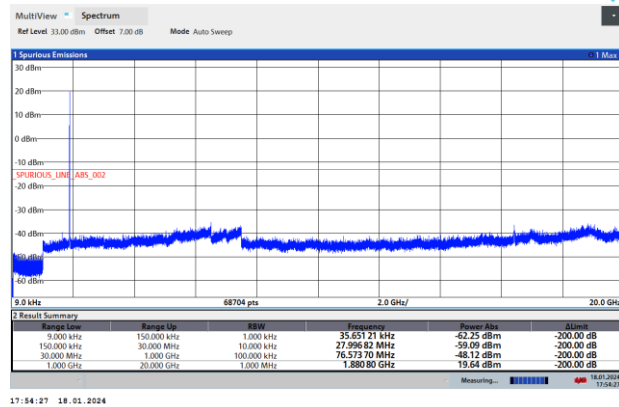


17:42:39 18.01.2024

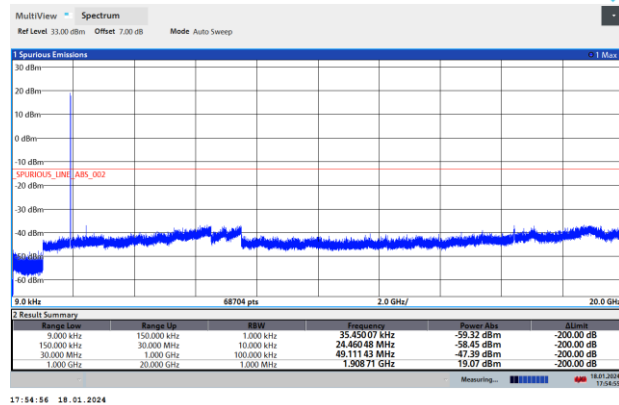
WCDMA BAND II CH-Low 9kHz ~ 20GHz



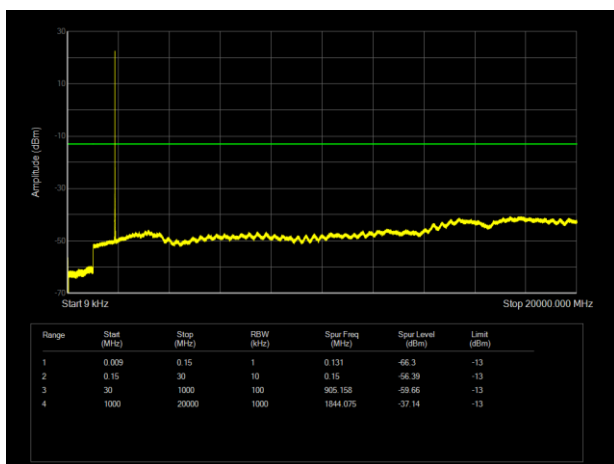
WCDMA BAND II CH- Middle 9kHz ~ 20GHz



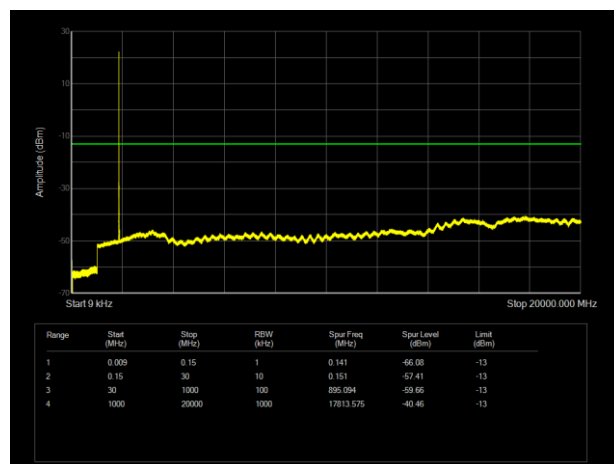
WCDMA BAND II CH-High 9kHz ~ 20GHz



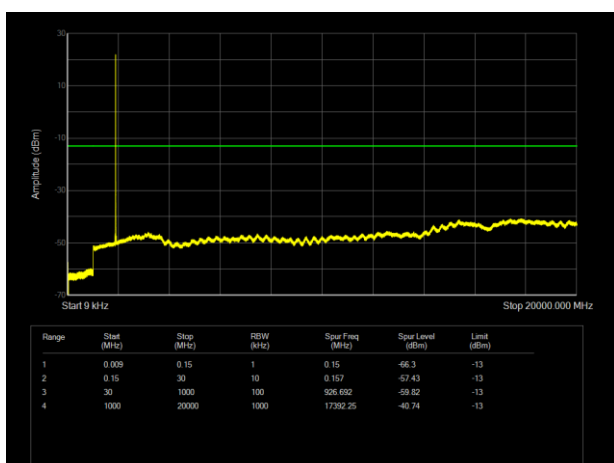
LTE Band 2 1.4MHz CH-Low 9kHz~20GHz



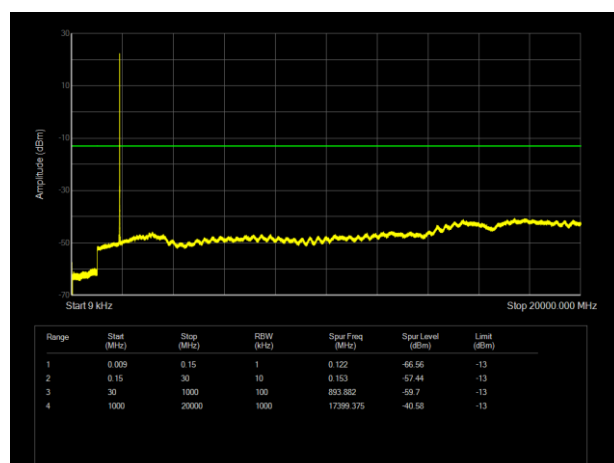
LTE Band 2 3MHz CH-Low 9kHz~20GHz



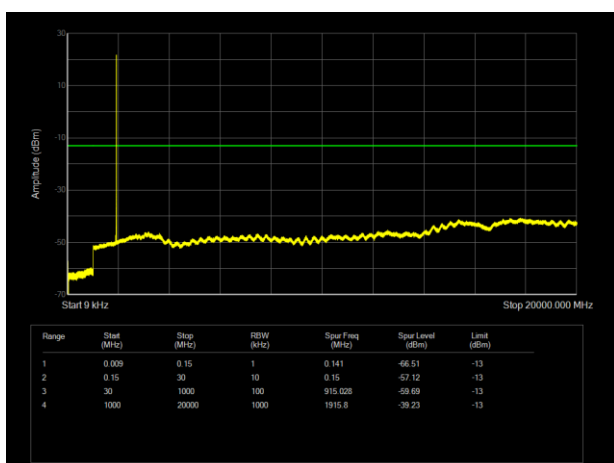
LTE Band 2 1.4MHz CH-Middle 9kHz~20GHz



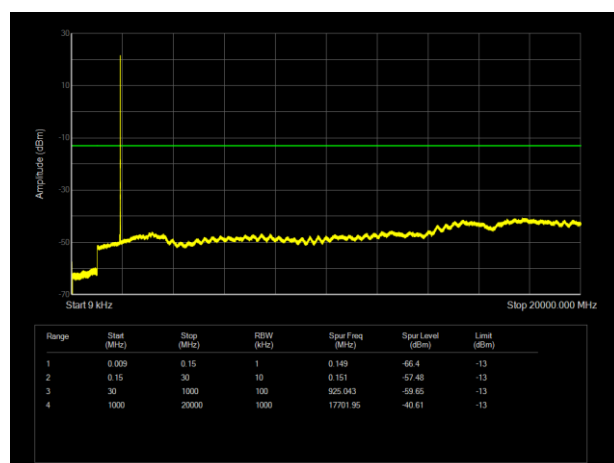
LTE Band 2 3MHz CH-Middle 9kHz~20GHz



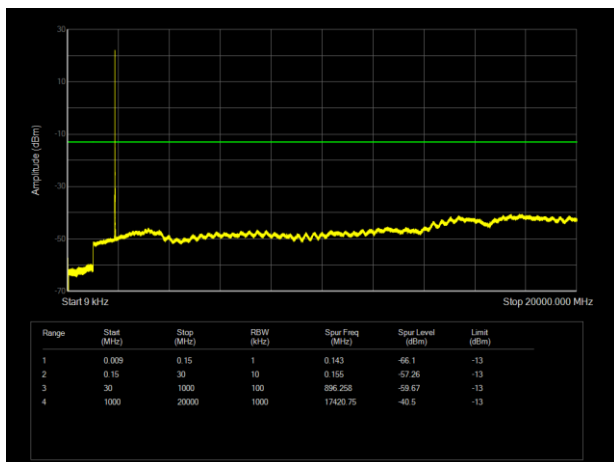
LTE Band 2 1.4MHz CH-High 9kHz~20GHz



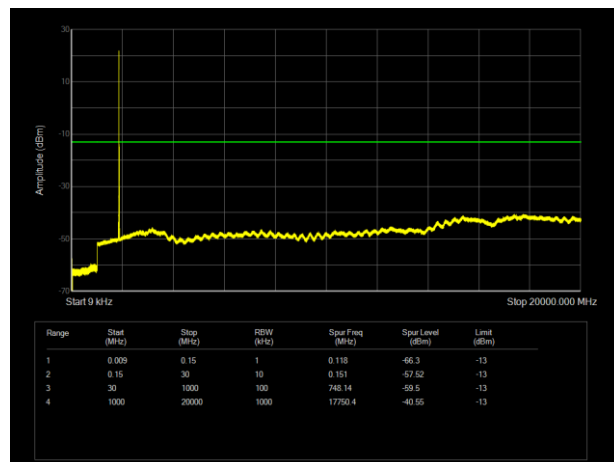
LTE Band 2 3MHz CH-High 9kHz~20GHz



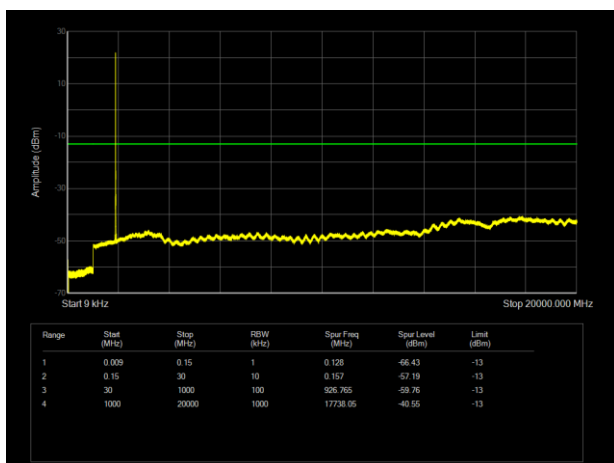
LTE Band 2 5MHz CH-Low 9kHz~20GHz



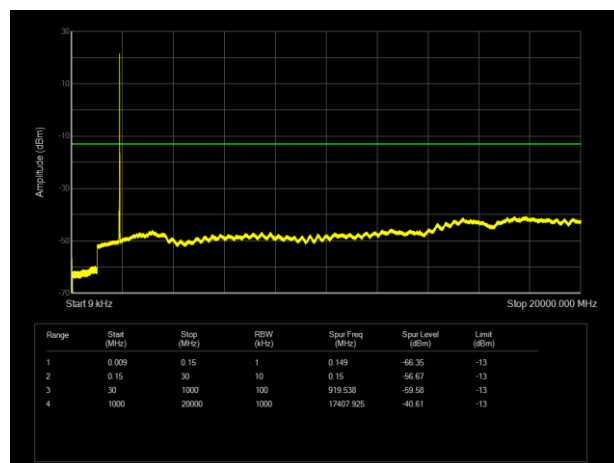
LTE Band 2 10MHz CH-Low 9kHz~20GHz



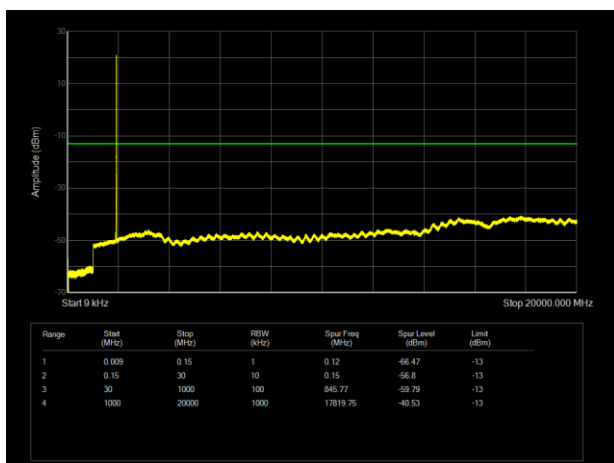
LTE Band 2 5MHz CH-Middle 9kHz~20GHz



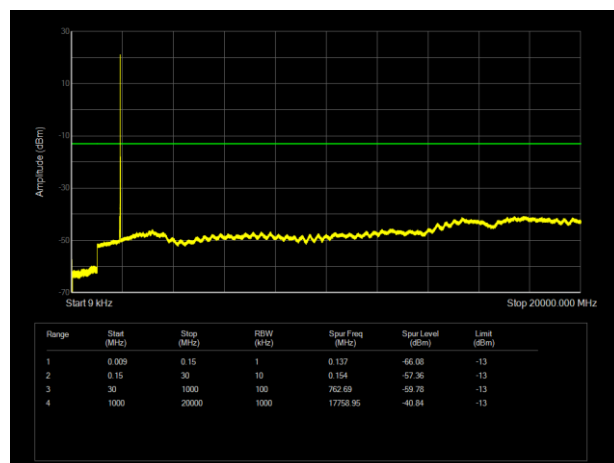
LTE Band 2 10MHz CH-Middle 9kHz~20GHz



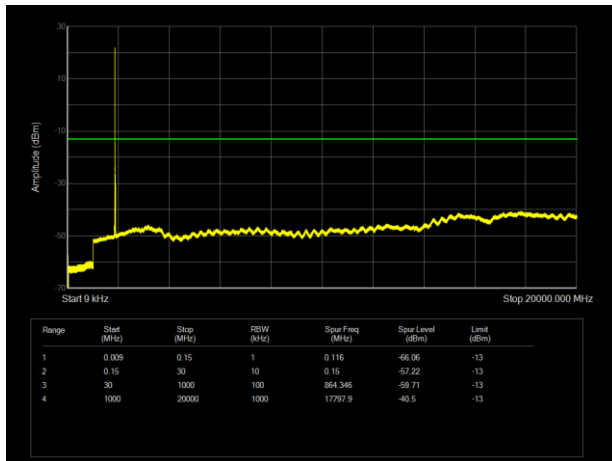
LTE Band 2 5MHz CH-High 9kHz~20GHz



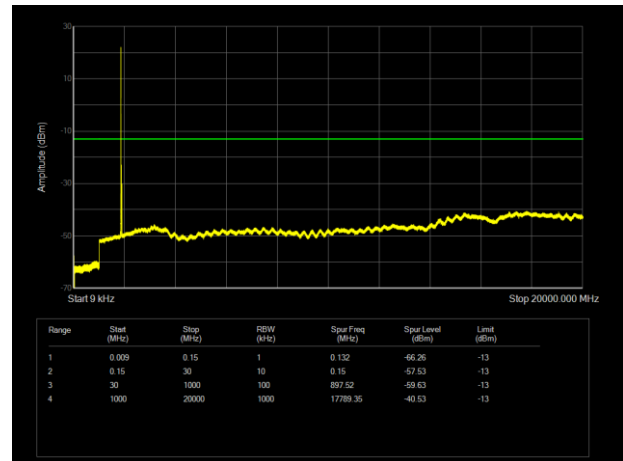
LTE Band 2 10MHz CH-High 9kHz~20GHz



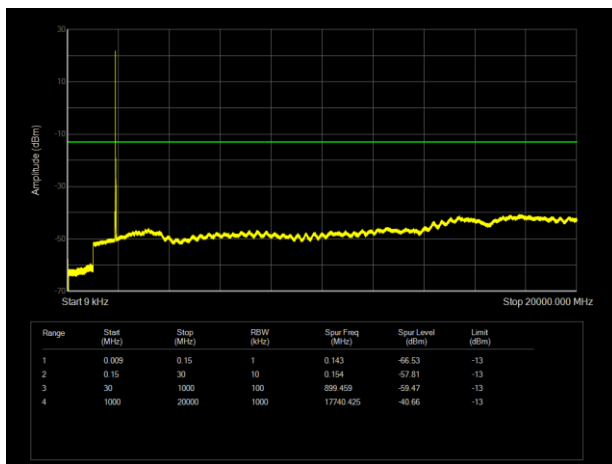
LTE Band 2 15MHz CH-Low 9kHz~20GHz



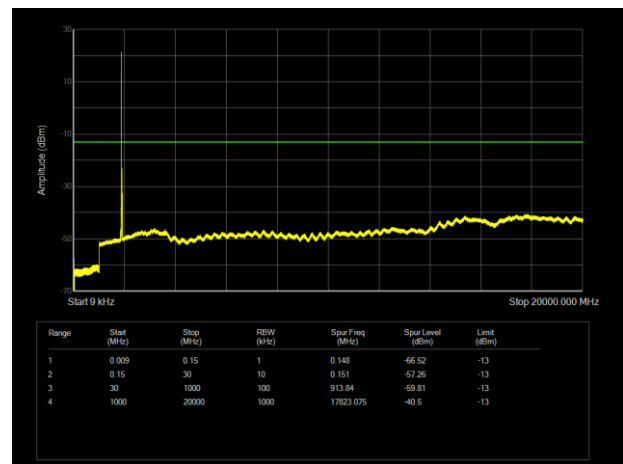
LTE Band 2 20MHz CH-Low 9kHz~20GHz



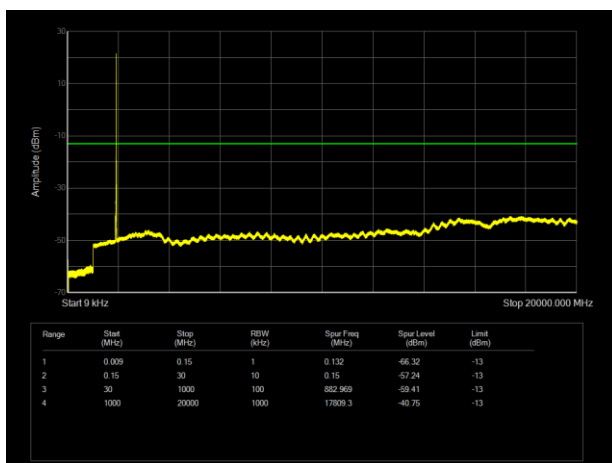
LTE Band 2 15MHz CH-Middle 9kHz~20GHz



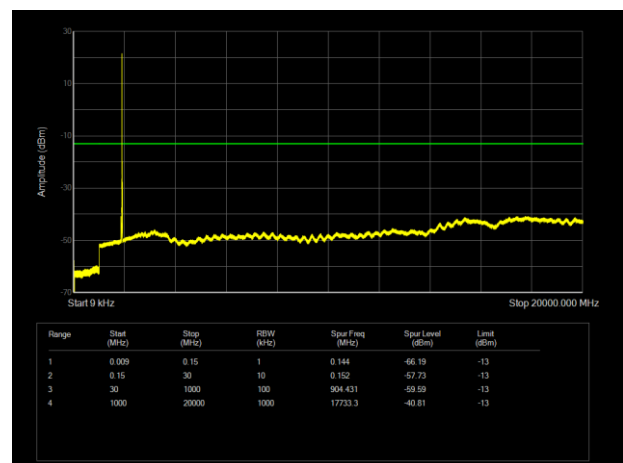
LTE Band 2 20MHz CH-Middle 9kHz~20GHz



LTE Band 2 15MHz CH-High 9kHz~20GHz



LTE Band 2 20MHz CH-High 9kHz~20GHz



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.

GSM 1900 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.00	-57.55	2.60	12.50	Horizontal	-47.65	-13.00	34.65	114
3	5640.00	-61.61	3.30	12.50	Horizontal	-52.41	-13.00	39.41	22
4	7520.00	-57.07	4.20	12.20	Horizontal	-49.07	-13.00	36.07	35
5	9400.00	-52.82	4.30	11.10	Horizontal	-46.02	-13.00	33.02	14
6	11280.00	-49.33	5.90	11.90	Horizontal	-43.33	-13.00	30.33	78
7	13160.00	-52.91	5.70	14.00	Horizontal	-44.61	-13.00	31.61	29
8	15040.00	-55.58	5.80	13.10	Horizontal	-48.28	-13.00	35.28	36
9	16920.00	-51.87	6.10	14.60	Horizontal	-43.37	-13.00	30.37	16
10	18800.00	-	-	-	-	-	-	-	-

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 II CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.00	-61.82	2.60	12.50	Horizontal	-51.92	-13.00	38.92	168
3	5640.00	-62.70	3.30	12.50	Horizontal	-53.50	-13.00	40.50	76
4	7520.00	-56.15	4.20	12.20	Horizontal	-48.15	-13.00	35.15	28
5	9400.00	-51.50	4.30	11.10	Horizontal	-44.70	-13.00	31.70	196
6	11280.00	-49.84	5.90	11.90	Horizontal	-43.84	-13.00	30.84	38
7	13160.00	-53.70	5.70	14.00	Horizontal	-45.40	-13.00	32.40	185
8	15040.00	-55.50	5.80	13.10	Horizontal	-48.20	-13.00	35.20	25
9	16920.00	-52.07	6.10	14.60	Horizontal	-43.57	-13.00	30.57	14
10	18800.00	-	-	-	-	-	-	-	-

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 2 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3759.00	-60.40	2.60	12.50	Vertical	-50.50	-13.00	37.50	14
3	5638.88	-54.42	3.30	12.50	Vertical	-45.22	-13.00	32.22	175
4	7520.00	-54.11	4.20	12.20	Vertical	-46.11	-13.00	33.11	265
5	9400.00	-44.02	4.30	11.10	Vertical	-37.22	-13.00	24.22	186
6	11280.00	-46.87	5.90	11.90	Vertical	-40.87	-13.00	27.87	185
7	13160.00	-49.32	5.70	14.00	Vertical	-41.02	-13.00	28.02	36
8	15040.00	-47.87	5.80	13.10	Vertical	-40.57	-13.00	27.57	25
9	16920.00	-52.47	6.10	14.60	Vertical	-43.97	-13.00	30.97	175
10	18800.00	-	-	-	-	-	-	-	-

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 2 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.63	-59.94	2.60	12.50	Vertical	-50.04	-13.00	37.04	175
3	5633.63	-55.95	3.30	12.50	Vertical	-46.75	-13.00	33.75	26
4	7510.00	-53.27	4.20	12.20	Vertical	-45.27	-13.00	32.27	258
5	9387.50	-44.64	4.30	11.10	Vertical	-37.84	-13.00	24.84	175
6	11265.00	-45.39	5.90	11.90	Vertical	-39.39	-13.00	26.39	36
7	13142.00	-48.36	5.70	14.00	Vertical	-40.06	-13.00	27.06	38
8	15020.00	-48.63	5.80	13.10	Vertical	-41.33	-13.00	28.33	254
9	16897.50	-50.76	6.10	14.60	Vertical	-42.26	-13.00	29.26	165
10	18800.00	-	-	-	-	-	-	-	-

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 2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3742.13	-59.24	2.60	12.50	Vertical	-49.34	-13.00	36.34	17
3	5613.38	-60.59	3.30	12.50	Vertical	-51.39	-13.00	38.39	86
4	7484.63	-55.93	4.20	12.20	Vertical	-47.93	-13.00	34.93	33
5	9355.33	-42.38	4.30	11.10	Vertical	-35.58	-13.00	22.58	158
6	11226.39	-48.10	5.90	11.90	Vertical	-42.10	-13.00	29.10	48
7	13097.46	-48.19	5.70	14.00	Vertical	-39.89	-13.00	26.89	36
8	14968.52	-47.41	5.80	13.10	Vertical	-40.11	-13.00	27.11	58
9	16938.59	-51.45	6.10	14.60	Vertical	-42.95	-13.00	29.95	17
10	18800.00	-	-	-	-	-	-	-	-

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.

7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Wireless Communication Tester	R&S	CMW500	150415	2023-05-12	2024-05-11
Spectrum Analyzer	Keysight	N9020A	MY50510203	2023-05-12	2024-05-11
Spectrum Analyzer	R&S	FSV30	103591	2023-05-12	2024-05-11
Wireless Communication Tester	Agilent	E5515C	MY48367192	2023-05-12	2024-05-11
Radiated Spurious Emission					
Spectrum Analyzer	R&S	FSV30	100815	2023-12-05	2024-12-04
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	2023-12-05	2026-12-04
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

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