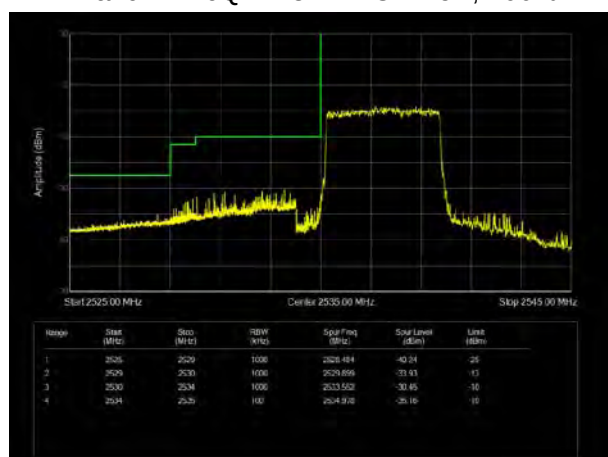
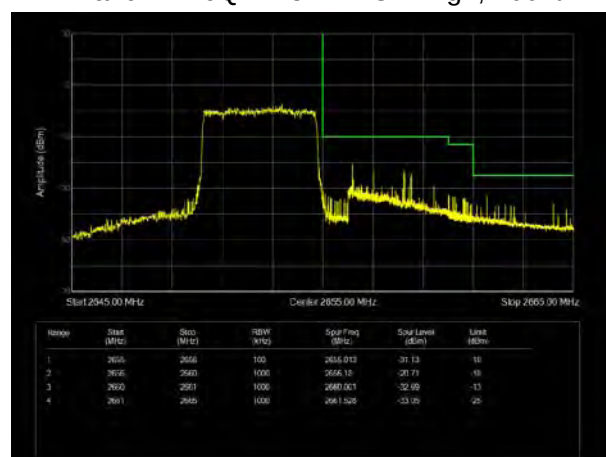


LTE Band 41 16QAM 5MHz CH-Low, 100%RB



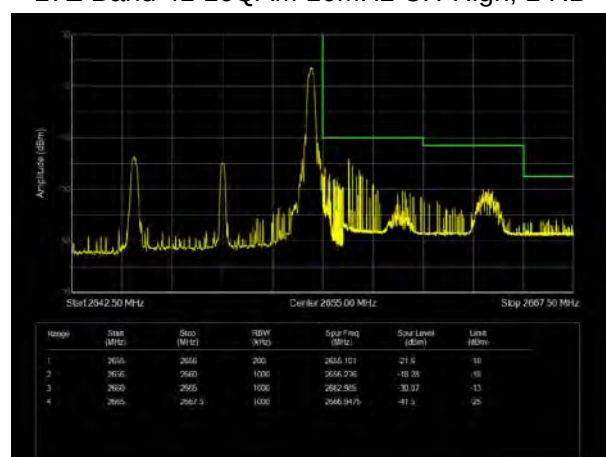
LTE Band 41 16QAM 5MHz CH-High, 100%RB



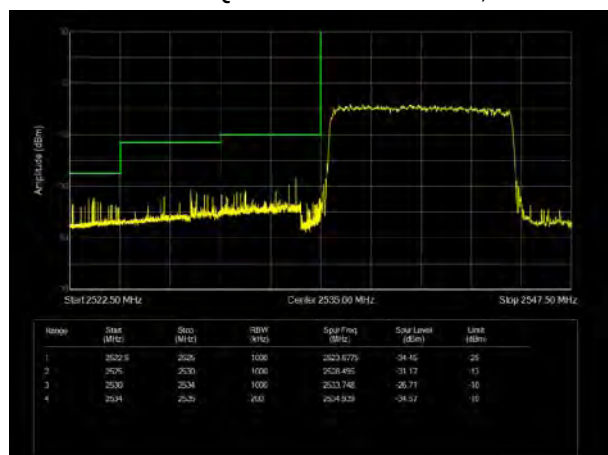
LTE Band 41 16QAM 10MHz CH-Low, 1 RB



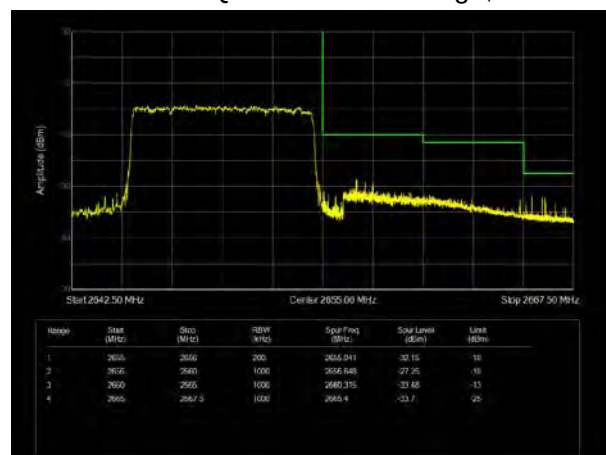
LTE Band 41 16QAM 10MHz CH-High, 1 RB



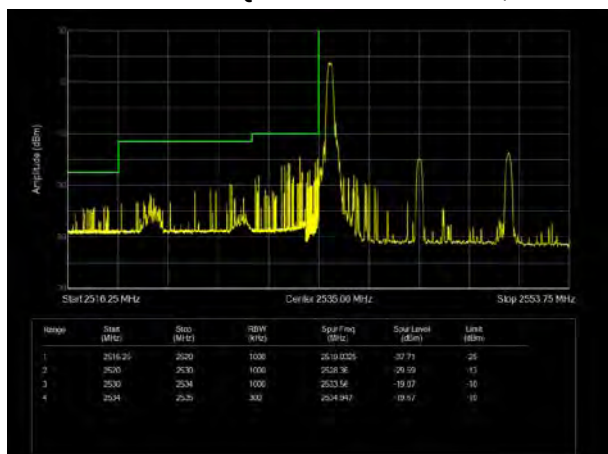
LTE Band 41 16QAM 10MHz CH-Low, 100%RB



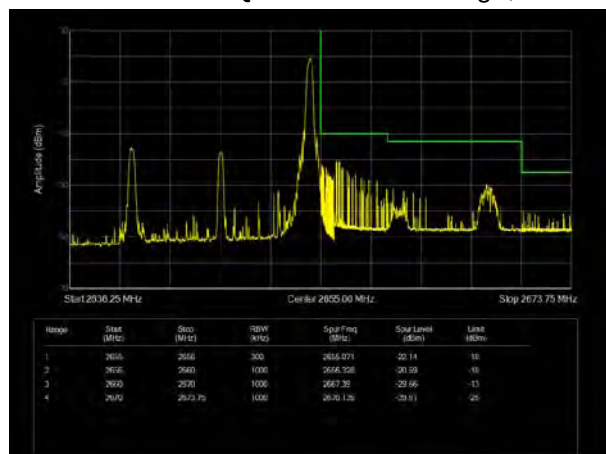
LTE Band 41 16QAM 10MHz CH-High, 100%RB



LTE Band 41 16QAM 15MHz CH-Low, 1 RB



LTE Band 41 16QAM 15MHz CH-High, 1 RB



LTE Band 41 16QAM 15MHz CH-Low, 100%RB



LTE Band 41 16QAM 15MHz CH-High, 100%RB



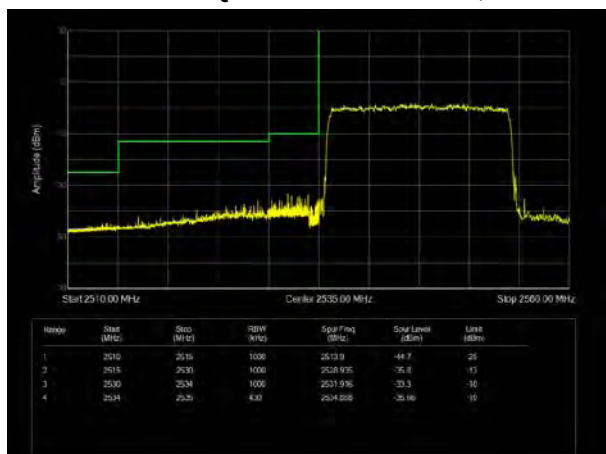
LTE Band 41 16QAM 20MHz CH-Low, RB 1



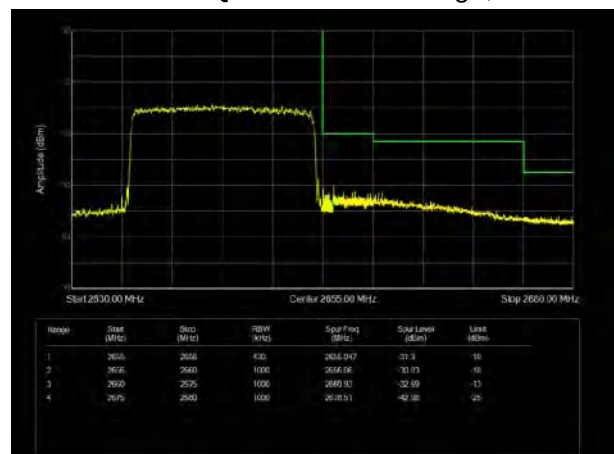
LTE Band 41 16QAM 20MHz CH-High, RB 1



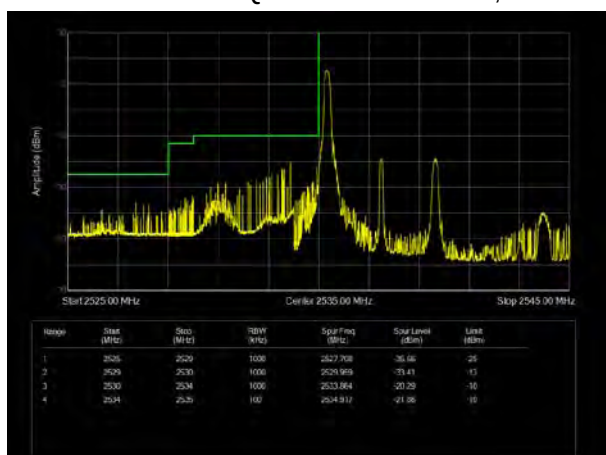
LTE Band 41 16QAM 20MHz CH-Low, 100%RB



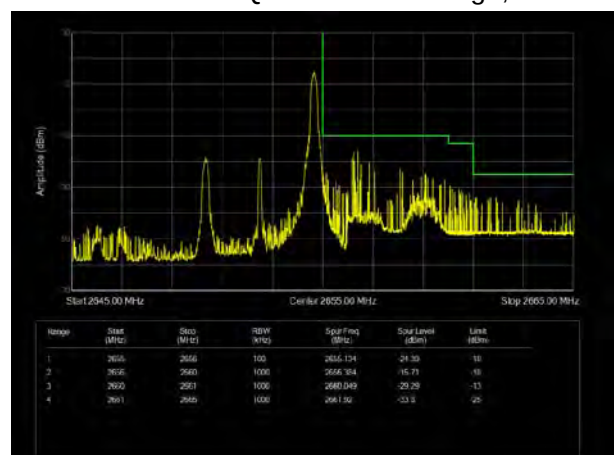
LTE Band 41 16QAM 20MHz CH-High, 100%RB



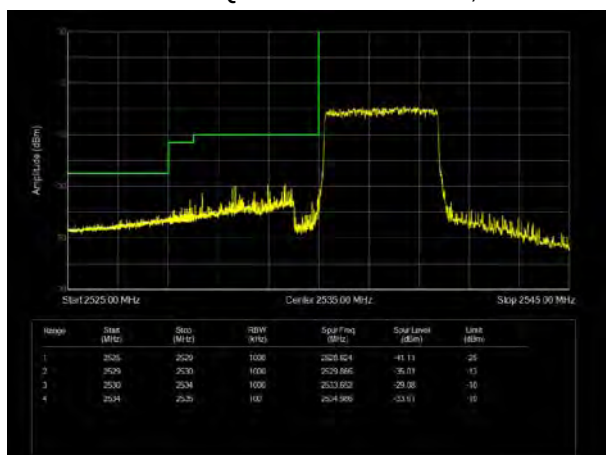
LTE Band 41 64QAM 5MHz CH-Low, 1 RB



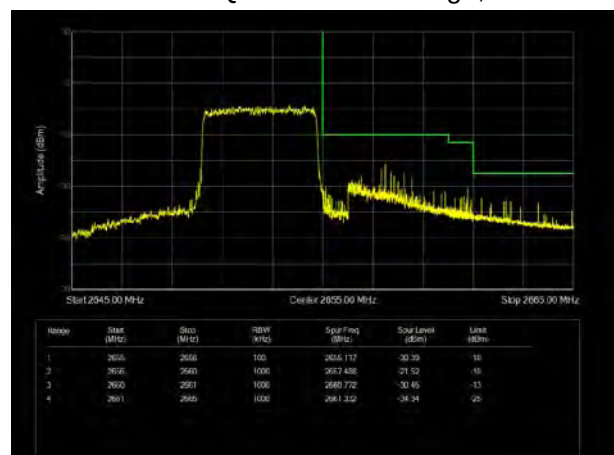
LTE Band 41 64QAM 5MHz CH-High, 1 RB



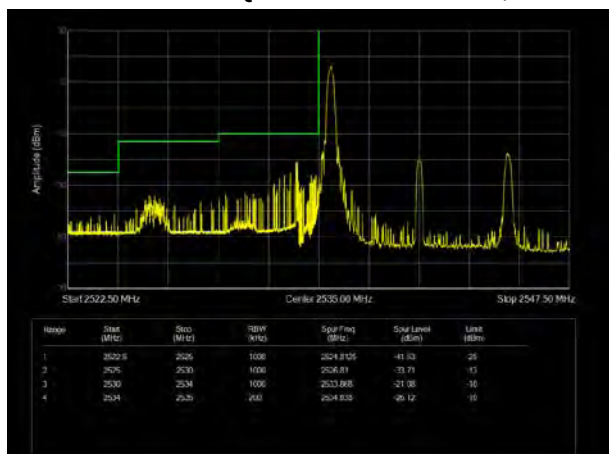
LTE Band 41 64QAM 5MHz CH-Low, 100%RB



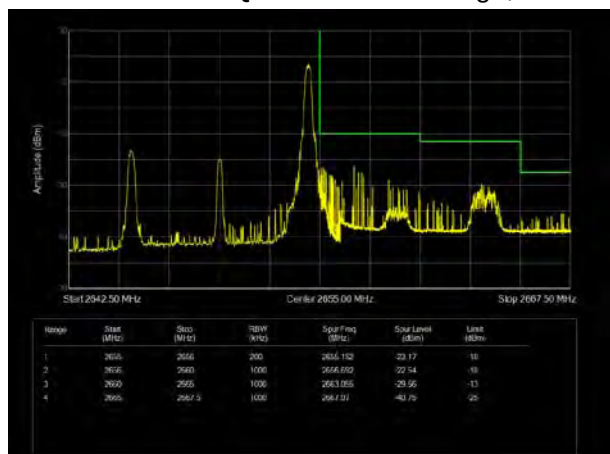
LTE Band 41 64QAM 5MHz CH-High, 100%RB



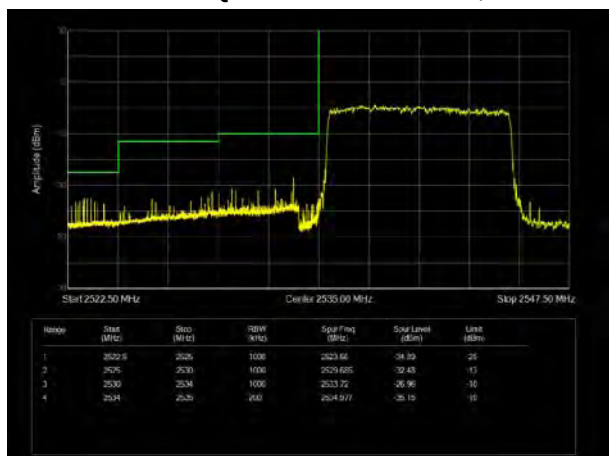
LTE Band 41 64QAM 10MHz CH-Low, 1 RB



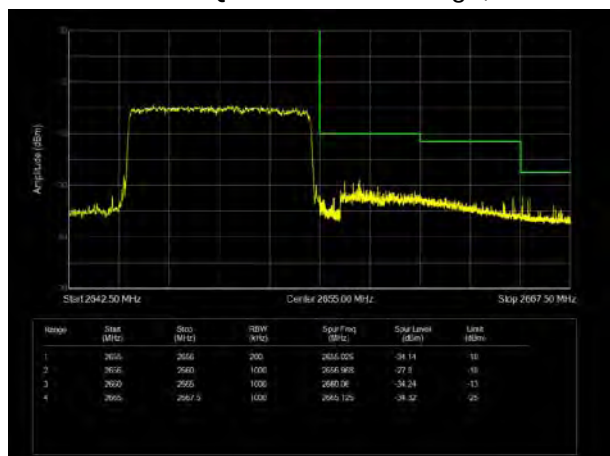
LTE Band 41 64QAM 10MHz CH-High, 1 RB



LTE Band 41 64QAM 10MHz CH-Low, 100%RB



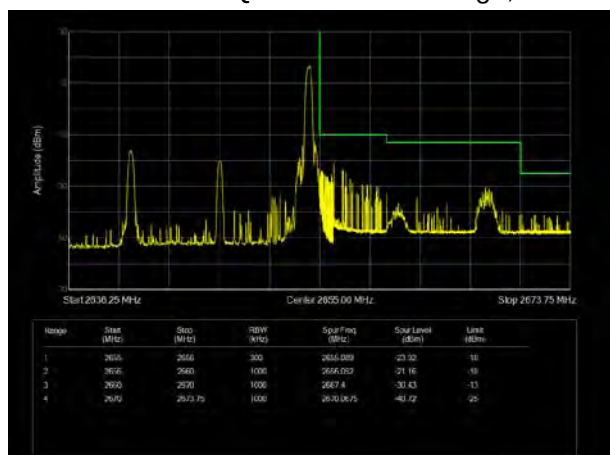
LTE Band 41 64QAM 10MHz CH-High, 100%RB



LTE Band 41 64QAM 15MHz CH-Low, 1 RB



LTE Band 41 64QAM 15MHz CH-High, 1 RB



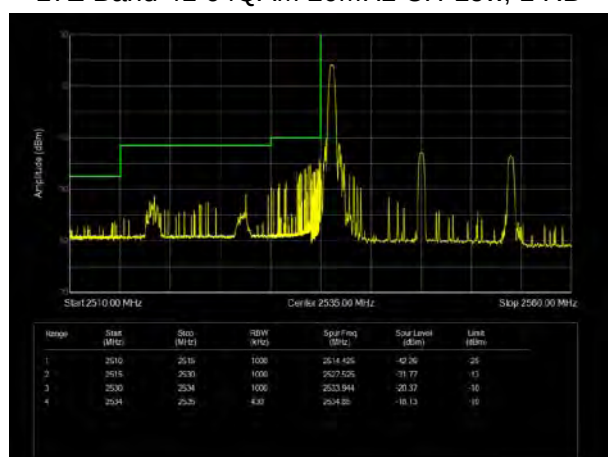
LTE Band 41 64QAM 15MHz CH-Low, 100%RB



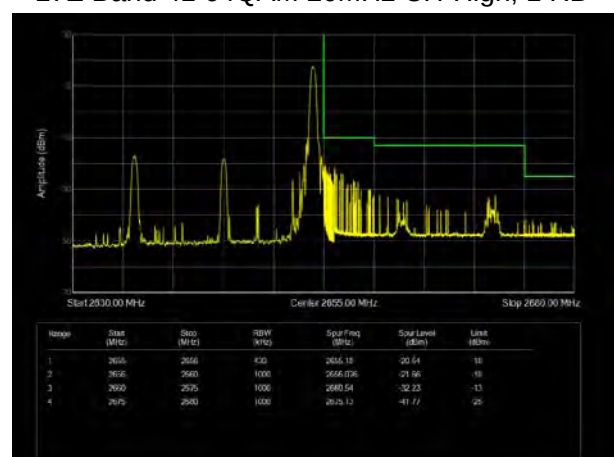
LTE Band 41 64QAM 15MHz CH-High, 100%RB



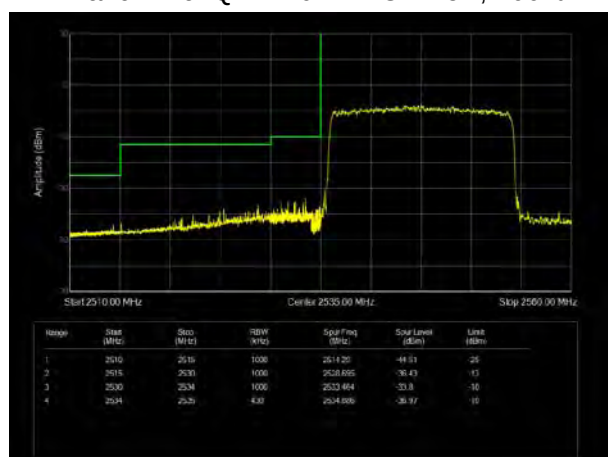
LTE Band 41 64QAM 20MHz CH-Low, 1 RB



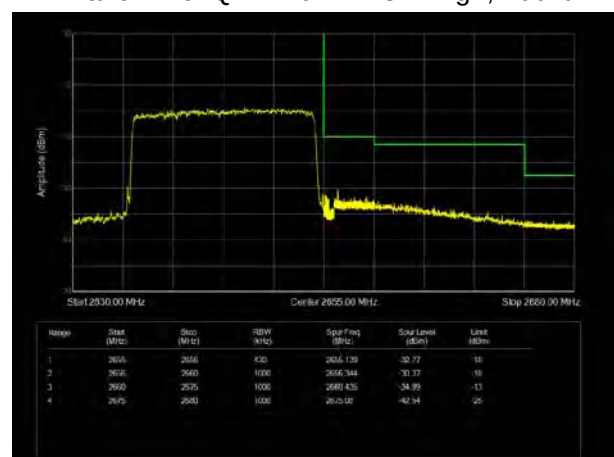
LTE Band 41 64QAM 20MHz CH-High, 1 RB



LTE Band 41 64QAM 20MHz CH-Low, 100%RB



LTE Band 41 64QAM 20MHz CH-High, 100%RB



6.4 Peak-to-Average Power Ratio (PAPR)

WCDMA Band IV	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
RMC	1312	1712.4	25.66	22.99	2.67	≤13	PASS
	1413	1732.6	25.69	23.08	2.61	≤13	PASS
	1513	1752.6	25.39	23.06	2.33	≤13	PASS

LTE Band 4								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	19957	1710.7	27.77	22.91	4.86	≤13	PASS
		20175	1732.5	27.61	22.77	4.84	≤13	PASS
		20393	1754.3	26.97	22.76	4.21	≤13	PASS
	3	19965	1711.5	27.87	23.00	4.87	≤13	PASS
		20175	1732.5	27.69	22.90	4.79	≤13	PASS
		20385	1753.5	27.11	22.85	4.26	≤13	PASS
	5	19975	1712.5	27.84	22.99	4.85	≤13	PASS
		20175	1732.5	27.73	22.90	4.83	≤13	PASS
		20375	1752.5	27.17	22.84	4.33	≤13	PASS
	10	20000	1715	27.83	23.06	4.77	≤13	PASS
		20175	1732.5	27.63	22.79	4.84	≤13	PASS
		20350	1750	27.37	22.90	4.47	≤13	PASS
	15	20025	1717.5	28.13	23.00	5.13	≤13	PASS
		20175	1732.5	27.99	22.84	5.15	≤13	PASS
		20325	1747.5	27.83	22.84	4.99	≤13	PASS
	20	20050	1720	28.03	23.04	4.99	≤13	PASS
		20175	1732.5	27.91	22.87	5.04	≤13	PASS
		20300	1745	27.83	22.81	5.02	≤13	PASS
16QAM	1.4	19957	1710.7	27.61	21.90	5.71	≤13	PASS
		20175	1732.5	27.43	21.72	5.71	≤13	PASS
		20393	1754.3	26.90	21.82	5.08	≤13	PASS
	3	19965	1711.5	27.59	21.77	5.82	≤13	PASS
		20175	1732.5	27.47	21.69	5.78	≤13	PASS
		20385	1753.5	27.02	21.88	5.14	≤13	PASS
	5	19975	1712.5	27.53	21.80	5.73	≤13	PASS
		20175	1732.5	27.50	21.79	5.71	≤13	PASS
		20375	1752.5	27.05	21.81	5.24	≤13	PASS
	10	20000	1715	27.71	22.10	5.61	≤13	PASS



		20175	1732.5	27.43	21.67	5.76	≤13	PASS
		20350	1750	27.23	21.88	5.35	≤13	PASS
		20025	1717.5	27.75	21.94	5.81	≤13	PASS
	15	20175	1732.5	27.70	21.92	5.78	≤13	PASS
		20325	1747.5	27.56	21.91	5.65	≤13	PASS
		20050	1720	27.89	22.09	5.80	≤13	PASS
	20	20175	1732.5	27.71	21.80	5.91	≤13	PASS
		20300	1745	27.82	22.08	5.74	≤13	PASS
		20025	1717.5	27.75	21.94	5.81	≤13	PASS
64QAM	1.4	19957	1710.7	26.71	21.35	5.36	≤13	PASS
		20175	1732.5	26.62	20.95	5.67	≤13	PASS
		20393	1754.3	26.20	21.18	5.02	≤13	PASS
	3	19965	1711.5	26.76	21.26	5.50	≤13	PASS
		20175	1732.5	26.71	20.95	5.76	≤13	PASS
		20385	1753.5	26.24	21.07	5.17	≤13	PASS
	5	19975	1712.5	26.68	21.17	5.51	≤13	PASS
		20175	1732.5	26.77	21.11	5.66	≤13	PASS
		20375	1752.5	26.25	20.96	5.29	≤13	PASS
	10	20000	1715	26.76	21.19	5.57	≤13	PASS
		20175	1732.5	26.63	20.82	5.81	≤13	PASS
		20350	1750	26.32	20.92	5.40	≤13	PASS
	15	20025	1717.5	26.88	21.09	5.79	≤13	PASS
		20175	1732.5	26.89	21.08	5.81	≤13	PASS
		20325	1747.5	26.64	21.08	5.56	≤13	PASS
	20	20050	1720	26.96	21.13	5.83	≤13	PASS
		20175	1732.5	26.99	21.11	5.88	≤13	PASS
		20300	1745	26.81	21.12	5.69	≤13	PASS

LTE Band 7								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	20775	2502.5	26.13	21.11	5.02	≤13	PASS
		21100	2535	26.27	21.07	5.20	≤13	PASS
		21425	2567.5	26.10	21.06	5.04	≤13	PASS
	10	20800	2505	26.34	21.27	5.07	≤13	PASS
		21100	2535	26.24	21.08	5.16	≤13	PASS
		21400	2565	26.19	21.13	5.06	≤13	PASS
	15	20825	2507.5	26.71	21.25	5.46	≤13	PASS
		21100	2535	26.59	21.09	5.50	≤13	PASS



	20	21375	2562.5	26.58	21.12	5.46	≤13	PASS
		20850	2510	26.58	21.29	5.29	≤13	PASS
		21100	2535	26.39	21.12	5.27	≤13	PASS
		21350	2560	26.45	21.15	5.30	≤13	PASS
16QAM	5	20775	2502.5	26.02	20.18	5.84	≤13	PASS
		21100	2535	25.92	19.89	6.03	≤13	PASS
		21425	2567.5	25.95	20.06	5.89	≤13	PASS
	10	20800	2505	26.13	20.24	5.89	≤13	PASS
		21100	2535	26.16	20.07	6.09	≤13	PASS
		21400	2565	26.03	20.06	5.97	≤13	PASS
	15	20825	2507.5	26.26	20.16	6.10	≤13	PASS
		21100	2535	26.25	20.12	6.13	≤13	PASS
		21375	2562.5	26.30	20.27	6.03	≤13	PASS
	20	20850	2510	26.45	20.35	6.10	≤13	PASS
		21100	2535	26.22	20.13	6.09	≤13	PASS
		21350	2560	26.27	20.18	6.09	≤13	PASS
64QAM	5	20775	2502.5	25.58	19.77	5.81	≤13	PASS
		21100	2535	25.55	19.55	6.00	≤13	PASS
		21425	2567.5	25.58	19.77	5.81	≤13	PASS
	10	20800	2505	25.63	19.72	5.91	≤13	PASS
		21100	2535	25.66	19.60	6.06	≤13	PASS
		21400	2565	25.59	19.57	6.02	≤13	PASS
	15	20825	2507.5	25.91	19.81	6.10	≤13	PASS
		21100	2535	25.73	19.62	6.11	≤13	PASS
		21375	2562.5	25.74	19.67	6.07	≤13	PASS
	20	20850	2510	25.95	19.84	6.11	≤13	PASS
		21100	2535	25.76	19.67	6.09	≤13	PASS
		21350	2560	25.82	19.74	6.08	≤13	PASS

LTE Band 38								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	37775	2572.5	26.80	18.44	8.36	≤13	PASS
		38000	2595	26.88	18.63	8.25	≤13	PASS
		38225	2617.5	26.85	18.37	8.48	≤13	PASS



	10	37800	2575	26.72	17.30	9.42	≤13	PASS
		38000	2595	26.87	18.26	8.61	≤13	PASS
		38200	2615	26.81	17.54	9.27	≤13	PASS
	15	37825	2577.5	27.00	17.04	9.96	≤13	PASS
		38000	2595	27.26	18.51	8.75	≤13	PASS
		38175	2612.5	27.25	18.60	8.65	≤13	PASS
	20	37850	2580	26.88	18.12	8.76	≤13	PASS
		38000	2595	26.98	17.84	9.14	≤13	PASS
		38150	2610	27.03	18.72	8.31	≤13	PASS
16QAM	5	37775	2572.5	26.46	17.36	9.10	≤13	PASS
		38000	2595	26.82	18.30	8.52	≤13	PASS
		38225	2617.5	26.68	16.95	9.73	≤13	PASS
	10	37800	2575	26.71	16.76	9.95	≤13	PASS
		38000	2595	26.87	18.39	8.48	≤13	PASS
		38200	2615	26.66	16.93	9.73	≤13	PASS
	15	37825	2577.5	26.85	17.54	9.31	≤13	PASS
		38000	2595	27.07	18.69	8.38	≤13	PASS
		38175	2612.5	27.01	17.59	9.42	≤13	PASS
	20	37850	2580	26.79	17.37	9.42	≤13	PASS
		38000	2595	26.50	15.64	10.86	≤13	PASS
		38150	2610	26.76	16.94	9.82	≤13	PASS
64QAM	5	37775	2572.5	25.76	15.97	9.79	≤13	PASS
		38000	2595	26.27	17.59	8.68	≤13	PASS
		38225	2617.5	26.11	16.33	9.78	≤13	PASS
	10	37800	2575	26.20	16.57	9.63	≤13	PASS
		38000	2595	26.19	16.89	9.30	≤13	PASS
		38200	2615	26.20	16.35	9.85	≤13	PASS
	15	37825	2577.5	26.36	17.01	9.35	≤13	PASS
		38000	2595	26.31	16.47	9.84	≤13	PASS
		38175	2612.5	26.28	16.14	10.14	≤13	PASS
	20	37850	2580	26.34	17.54	8.80	≤13	PASS
		38000	2595	26.26	17.10	9.16	≤13	PASS
		38150	2610	26.41	18.01	8.40	≤13	PASS



LTE Band 41								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	40065	2537.5	26.32	18.34	7.98	≤13	PASS
		40640	2595	26.33	16.75	9.58	≤13	PASS
		41215	2652.5	25.76	16.06	9.70	≤13	PASS
	10	40090	2540	26.16	16.78	9.38	≤13	PASS
		40640	2595	26.44	17.23	9.21	≤13	PASS
		41190	2650	25.76	16.15	9.61	≤13	PASS
	15	40115	2542.5	26.60	18.20	8.40	≤13	PASS
		40640	2595	26.47	15.16	11.31	≤13	PASS
		41165	2647.5	26.35	18.24	8.11	≤13	PASS
	20	40140	2545	26.31	18.33	7.98	≤13	PASS
		40640	2595	26.30	16.65	9.65	≤13	PASS
		41140	2645	26.16	16.86	9.30	≤13	PASS
16QAM	5	40065	2537.5	25.73	16.30	9.43	≤13	PASS
		40640	2595	25.91	15.54	10.37	≤13	PASS
		41215	2652.5	25.57	15.88	9.69	≤13	PASS
	10	40090	2540	25.73	14.55	11.18	≤13	PASS
		40640	2595	26.07	16.41	9.66	≤13	PASS
		41190	2650	25.42	14.84	10.58	≤13	PASS
	15	40115	2542.5	26.18	16.36	9.82	≤13	PASS
		40640	2595	26.10	14.87	11.23	≤13	PASS
		41165	2647.5	25.88	16.47	9.41	≤13	PASS
	20	40140	2545	26.02	16.70	9.32	≤13	PASS
		40640	2595	26.00	15.63	10.37	≤13	PASS
		41140	2645	25.81	16.31	9.50	≤13	PASS
64QAM	5	40065	2537.5	25.14	15.65	9.49	≤13	PASS
		40640	2595	25.36	15.46	9.90	≤13	PASS
		41215	2652.5	24.98	15.43	9.55	≤13	PASS
	10	40090	2540	25.61	17.38	8.23	≤13	PASS
		40640	2595	25.33	14.58	10.75	≤13	PASS
		41190	2650	25.08	15.77	9.31	≤13	PASS
	15	40115	2542.5	25.63	16.29	9.34	≤13	PASS
		40640	2595	25.67	16.20	9.47	≤13	PASS



		41165	2647.5	25.25	15.68	9.57	≤13	PASS
	20	40140	2545	25.61	17.67	7.94	≤13	PASS
		40640	2595	25.44	15.81	9.63	≤13	PASS
		41140	2645	25.27	16.56	8.71	≤13	PASS



6.5 Frequency Stability

WCDMA Band IV						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
Temperature	Voltage	BPSK	QPSK	BPSK	QPSK	
Normal (25℃)	Normal	15.33	15.86	0.00885	0.00915	PASS
Extreme (50℃)		11.42	11.82	0.00659	0.00682	PASS
Extreme (40℃)		15.63	3.40	0.00902	0.00196	PASS
Extreme (30℃)		6.58	13.82	0.00380	0.00798	PASS
Extreme (20℃)		16.01	2.97	0.00924	0.00172	PASS
Extreme (10℃)		3.34	10.32	0.00193	0.00596	PASS
Extreme (0℃)		10.83	7.28	0.00625	0.00420	PASS
Extreme (-10℃)		3.24	4.66	0.00187	0.00269	PASS
Extreme (-20℃)		11.40	7.47	0.00658	0.00431	PASS
Extreme (-30℃)		4.48	16.88	0.00259	0.00974	PASS
25℃	LV	13.06	5.60	0.00754	0.00323	PASS
	HV	8.97	17.89	0.00518	0.01032	PASS

LTE Band 4								
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	1.06	2.29	11.14	0.00061	0.00132	0.00643	PASS
Extreme (50℃)		16.94	17.48	5.49	0.00978	0.01009	0.00317	PASS
Extreme (40℃)		2.87	15.26	6.88	0.00165	0.00881	0.00397	PASS
Extreme (30℃)		7.58	8.46	6.15	0.00438	0.00488	0.00355	PASS
Extreme (20℃)		13.71	10.76	7.56	0.00791	0.00621	0.00436	PASS
Extreme (10℃)		9.89	8.83	15.65	0.00571	0.00510	0.00903	PASS
Extreme (0℃)		9.33	10.65	10.04	0.00538	0.00615	0.00579	PASS
Extreme (-10℃)		6.78	12.74	12.05	0.00391	0.00735	0.00695	PASS
Extreme (-20℃)		1.21	6.07	10.88	0.00070	0.00350	0.00628	PASS
Extreme (-30℃)		10.84	5.17	2.44	0.00625	0.00298	0.00141	PASS
25℃	LV	14.49	15.12	15.09	0.00836	0.00873	0.00871	PASS
	HV	17.01	2.86	17.89	0.00982	0.00165	0.01032	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	11.71	3.28	6.72	0.00676	0.00189	0.00388	PASS
Extreme (50℃)		3.76	10.39	3.77	0.00217	0.00599	0.00218	PASS
Extreme (40℃)		10.38	16.66	12.41	0.00599	0.00962	0.00717	PASS
Extreme (30℃)		11.50	2.01	4.01	0.00664	0.00116	0.00232	PASS
Extreme (20℃)		17.05	13.02	14.87	0.00984	0.00751	0.00858	PASS
Extreme (10℃)		10.23	15.51	5.17	0.00591	0.00895	0.00298	PASS
Extreme (0℃)		1.75	2.03	10.10	0.00101	0.00117	0.00583	PASS
Extreme (-10℃)		1.54	12.55	7.97	0.00089	0.00725	0.00460	PASS
Extreme (-20℃)		11.42	4.81	4.61	0.00659	0.00278	0.00266	PASS
Extreme (-30℃)		3.27	14.48	2.47	0.00189	0.00836	0.00143	PASS
25℃	LV	17.58	14.88	1.35	0.01015	0.00859	0.00078	PASS
	HV	10.04	11.77	5.81	0.00580	0.00680	0.00335	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	15.35	7.88	12.87	0.00886	0.00455	0.00743	PASS
Extreme (50℃)		8.40	12.11	15.01	0.00485	0.00699	0.00867	PASS
Extreme (40℃)		10.90	4.93	12.81	0.00629	0.00284	0.00739	PASS
Extreme (30℃)		6.61	8.58	1.59	0.00381	0.00495	0.00092	PASS
Extreme (20℃)		13.45	8.43	13.29	0.00776	0.00487	0.00767	PASS
Extreme (10℃)		3.82	12.85	2.92	0.00221	0.00742	0.00168	PASS
Extreme (0℃)		16.00	3.39	11.16	0.00924	0.00196	0.00644	PASS
Extreme (-10℃)		17.02	5.31	14.13	0.00982	0.00307	0.00816	PASS
Extreme (-20℃)		1.27	8.46	6.83	0.00074	0.00488	0.00394	PASS
Extreme (-30℃)		7.67	16.15	17.54	0.00443	0.00932	0.01012	PASS
25℃	LV	5.78	16.26	12.24	0.00334	0.00938	0.00706	PASS
	HV	9.50	3.18	3.31	0.00548	0.00184	0.00191	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	9.11	2.74	8.54	0.00526	0.00158	0.00493	PASS
Extreme (50℃)		7.18	14.72	11.94	0.00415	0.00850	0.00689	PASS
Extreme (40℃)		1.64	3.48	16.24	0.00095	0.00201	0.00937	PASS
Extreme (30℃)		17.00	14.88	9.20	0.00981	0.00859	0.00531	PASS
Extreme (20℃)		15.31	15.40	5.10	0.00884	0.00889	0.00295	PASS



Extreme (10℃)		11.97	3.73	6.53	0.00691	0.00215	0.00377	PASS
Extreme (0℃)		6.58	17.29	15.78	0.00380	0.00998	0.00911	PASS
Extreme (-10℃)		14.53	4.37	1.11	0.00839	0.00252	0.00064	PASS
Extreme (-20℃)		11.62	1.82	4.47	0.00671	0.00105	0.00258	PASS
Extreme (-30℃)		6.35	14.53	10.97	0.00366	0.00839	0.00633	PASS
25℃	LV	13.93	4.09	12.22	0.00804	0.00236	0.00706	PASS
	HV	17.53	11.92	3.31	0.01012	0.00688	0.00191	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	7.14	10.58	3.77	0.00412	0.00611	0.00218	PASS
Extreme (50℃)		3.29	1.40	16.39	0.00190	0.00081	0.00946	PASS
Extreme (40℃)		12.11	5.12	4.84	0.00699	0.00296	0.00279	PASS
Extreme (30℃)		3.81	7.74	12.92	0.00220	0.00447	0.00746	PASS
Extreme (20℃)		13.56	11.54	5.98	0.00783	0.00666	0.00345	PASS
Extreme (10℃)		12.52	17.64	9.65	0.00722	0.01018	0.00557	PASS
Extreme (0℃)		11.67	4.42	13.26	0.00674	0.00255	0.00765	PASS
Extreme (-10℃)		15.21	1.33	17.21	0.00878	0.00077	0.00993	PASS
Extreme (-20℃)		16.22	11.82	7.87	0.00936	0.00682	0.00454	PASS
Extreme (-30℃)		11.12	14.88	4.69	0.00642	0.00859	0.00271	PASS
25℃	LV	14.02	8.01	13.07	0.00809	0.00462	0.00754	PASS
	HV	15.32	16.79	3.22	0.00884	0.00969	0.00186	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	20MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	7.64	4.87	6.69	0.00441	0.00281	0.00386	PASS
Extreme (50℃)		13.53	1.99	17.29	0.00781	0.00115	0.00998	PASS
Extreme (40℃)		8.01	6.16	2.59	0.00462	0.00355	0.00149	PASS
Extreme (30℃)		9.09	15.53	7.01	0.00524	0.00897	0.00405	PASS
Extreme (20℃)		9.96	8.38	16.71	0.00575	0.00483	0.00964	PASS
Extreme (10℃)		9.60	16.56	1.12	0.00554	0.00956	0.00064	PASS
Extreme (0℃)		1.99	1.30	8.17	0.00115	0.00075	0.00472	PASS
Extreme (-10℃)		15.96	2.50	13.54	0.00921	0.00144	0.00782	PASS
Extreme (-20℃)		15.48	11.39	6.48	0.00893	0.00658	0.00374	PASS
Extreme (-30℃)		16.98	17.51	8.68	0.00980	0.01011	0.00501	PASS
25℃	LV	15.04	16.11	2.36	0.00868	0.00930	0.00136	PASS
	HV	13.74	2.99	17.24	0.00793	0.00172	0.00995	PASS



LTE Band 7								
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	14.76	3.28	3.92	0.00582	0.00129	0.00155	PASS
Extreme (50℃)		6.09	16.73	11.02	0.00240	0.00660	0.00435	PASS
Extreme (40℃)		13.20	16.08	5.95	0.00521	0.00634	0.00235	PASS
Extreme (30℃)		1.98	5.14	6.63	0.00078	0.00203	0.00262	PASS
Extreme (20℃)		16.68	17.30	14.96	0.00658	0.00682	0.00590	PASS
Extreme (10℃)		9.72	3.66	5.41	0.00384	0.00144	0.00214	PASS
Extreme (0℃)		12.00	7.20	2.66	0.00473	0.00284	0.00105	PASS
Extreme (-10℃)		3.82	10.90	3.29	0.00151	0.00430	0.00130	PASS
Extreme (-20℃)		5.06	17.84	6.35	0.00200	0.00704	0.00250	PASS
Extreme (-30℃)		11.18	1.02	7.63	0.00441	0.00040	0.00301	PASS
25℃	LV	13.95	2.93	2.85	0.00550	0.00116	0.00112	PASS
	HV	9.37	4.98	2.26	0.00370	0.00197	0.00089	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	5.16	14.91	6.72	0.00203	0.00588	0.00265	PASS
Extreme (50℃)		7.45	4.22	15.38	0.00294	0.00166	0.00607	PASS
Extreme (40℃)		4.46	13.27	9.23	0.00176	0.00524	0.00364	PASS
Extreme (30℃)		5.11	2.57	16.28	0.00202	0.00101	0.00642	PASS
Extreme (20℃)		11.96	14.68	13.24	0.00472	0.00579	0.00522	PASS
Extreme (10℃)		13.79	3.88	5.90	0.00544	0.00153	0.00233	PASS
Extreme (0℃)		9.80	17.71	2.10	0.00386	0.00699	0.00083	PASS
Extreme (-10℃)		7.80	17.71	4.34	0.00308	0.00699	0.00171	PASS
Extreme (-20℃)		12.71	8.42	7.37	0.00502	0.00332	0.00291	PASS
Extreme (-30℃)		8.36	14.18	2.76	0.00330	0.00559	0.00109	PASS
25℃	LV	5.31	12.30	2.94	0.00209	0.00485	0.00116	PASS
	HV	6.11	1.58	12.53	0.00241	0.00062	0.00494	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	7.33	3.44	4.44	0.00289	0.00136	0.00175	PASS
Extreme (50℃)		3.39	11.37	9.48	0.00134	0.00449	0.00374	PASS
Extreme (40℃)		14.48	3.01	11.18	0.00571	0.00119	0.00441	PASS
Extreme (30℃)		8.31	13.00	16.13	0.00328	0.00513	0.00636	PASS



Extreme (20°C)		2.40	8.60	13.25	0.00095	0.00339	0.00523	PASS
Extreme (10°C)		7.12	7.11	12.60	0.00281	0.00280	0.00497	PASS
Extreme (0°C)		2.41	1.07	16.42	0.00095	0.00042	0.00648	PASS
Extreme (-10°C)		8.49	10.79	15.77	0.00335	0.00425	0.00622	PASS
Extreme (-20°C)		3.09	11.23	9.21	0.00122	0.00443	0.00363	PASS
Extreme (-30°C)		11.15	7.68	14.85	0.00440	0.00303	0.00586	PASS
25°C	LV	5.51	16.51	15.54	0.00217	0.00651	0.00613	PASS
	HV	9.11	14.72	12.35	0.00360	0.00581	0.00487	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	20MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25°C)	Normal	15.03	14.17	17.63	0.00593	0.00559	0.00696	PASS
Extreme (50°C)		17.69	17.11	7.95	0.00698	0.00675	0.00314	PASS
Extreme (40°C)		13.06	13.49	9.19	0.00515	0.00532	0.00362	PASS
Extreme (30°C)		7.58	12.13	15.28	0.00299	0.00479	0.00603	PASS
Extreme (20°C)		14.32	2.44	11.24	0.00565	0.00096	0.00443	PASS
Extreme (10°C)		14.43	1.50	4.41	0.00569	0.00059	0.00174	PASS
Extreme (0°C)		6.05	10.95	9.85	0.00239	0.00432	0.00389	PASS
Extreme (-10°C)		6.37	12.31	11.06	0.00251	0.00486	0.00436	PASS
Extreme (-20°C)		7.12	7.33	6.72	0.00281	0.00289	0.00265	PASS
Extreme (-30°C)		13.51	9.36	9.57	0.00533	0.00369	0.00378	PASS
25°C	LV	8.73	11.98	6.41	0.00344	0.00473	0.00253	PASS
	HV	10.38	15.61	15.84	0.00409	0.00616	0.00625	PASS

LTE Band 38								
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°C)	Normal	6.90	11.85	1.27	0.00266	0.00457	0.00049	PASS
Extreme (50°C)		16.78	7.13	11.89	0.00647	0.00275	0.00458	PASS
Extreme (40°C)		16.42	8.79	11.95	0.00633	0.00339	0.00460	PASS
Extreme (30°C)		10.83	12.85	12.51	0.00417	0.00495	0.00482	PASS
Extreme (20°C)		10.95	6.16	12.11	0.00422	0.00237	0.00467	PASS
Extreme (10°C)		1.19	6.57	4.21	0.00046	0.00253	0.00162	PASS
Extreme (0°C)		15.03	5.14	12.25	0.00579	0.00198	0.00472	PASS
Extreme (-10°C)		8.38	12.59	2.85	0.00323	0.00485	0.00110	PASS
Extreme (-20°C)		14.89	3.66	16.59	0.00574	0.00141	0.00639	PASS
Extreme (-30°C)		6.09	14.22	17.30	0.00235	0.00548	0.00667	PASS
25°C	LV	8.99	3.02	9.54	0.00346	0.00116	0.00368	PASS



	HV	12.65	15.57	9.02	0.00487	0.00600	0.00348	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°C)	Normal	9.15	11.57	15.89	0.00353	0.00446	0.00612	PASS
Extreme (50°C)		14.54	5.68	14.35	0.00560	0.00219	0.00553	PASS
Extreme (40°C)		6.19	16.57	9.05	0.00238	0.00639	0.00349	PASS
Extreme (30°C)		8.61	17.20	5.04	0.00332	0.00663	0.00194	PASS
Extreme (20°C)		15.81	3.80	10.00	0.00609	0.00147	0.00385	PASS
Extreme (10°C)		15.51	12.72	11.62	0.00598	0.00490	0.00448	PASS
Extreme (0°C)		7.10	3.52	12.43	0.00274	0.00136	0.00479	PASS
Extreme (-10°C)		9.62	5.34	10.17	0.00371	0.00206	0.00392	PASS
Extreme (-20°C)		17.76	16.01	15.92	0.00685	0.00617	0.00614	PASS
Extreme (-30°C)		9.68	10.54	9.41	0.00373	0.00406	0.00363	PASS
25°C	LV	9.72	6.81	1.76	0.00375	0.00262	0.00068	PASS
	HV	15.81	8.44	9.03	0.00609	0.00325	0.00348	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°C)	Normal	11.00	7.00	6.00	0.00424	0.00270	0.00231	PASS
Extreme (50°C)		3.00	13.00	4.00	0.00116	0.00501	0.00154	PASS
Extreme (40°C)		15.00	12.00	14.00	0.00578	0.00462	0.00539	PASS
Extreme (30°C)		16.00	14.00	5.00	0.00617	0.00539	0.00193	PASS
Extreme (20°C)		17.00	5.00	16.00	0.00655	0.00193	0.00617	PASS
Extreme (10°C)		11.00	2.00	13.00	0.00424	0.00077	0.00501	PASS
Extreme (0°C)		15.00	9.00	4.00	0.00578	0.00347	0.00154	PASS
Extreme (-10°C)		12.00	17.00	7.00	0.00462	0.00655	0.00270	PASS
Extreme (-20°C)		9.00	13.00	17.00	0.00347	0.00501	0.00655	PASS
Extreme (-30°C)		9.00	7.00	12.00	0.00347	0.00270	0.00462	PASS
25°C	LV	1.00	10.00	4.00	0.00039	0.00385	0.00154	PASS
	HV	2.00	11.00	2.00	0.00077	0.00424	0.00077	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	20MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25°C)	Normal	1.00	6.00	2.00	0.00039	0.00231	0.00077	PASS
Extreme (50°C)		15.00	1.00	17.00	0.00578	0.00039	0.00655	PASS
Extreme (40°C)		12.00	14.00	6.00	0.00462	0.00539	0.00231	PASS
Extreme (30°C)		15.00	11.00	10.00	0.00578	0.00424	0.00385	PASS



Extreme (20°C)		3.00	7.00	11.00	0.00116	0.00270	0.00424	PASS
Extreme (10°C)		8.00	15.00	5.00	0.00308	0.00578	0.00193	PASS
Extreme (0°C)		8.00	17.00	8.00	0.00308	0.00655	0.00308	PASS
Extreme (-10°C)		2.00	1.00	16.00	0.00077	0.00039	0.00617	PASS
Extreme (-20°C)		6.00	6.00	3.00	0.00231	0.00231	0.00116	PASS
Extreme (-30°C)		7.00	5.00	4.00	0.00270	0.00193	0.00154	PASS
25°C	LV	16.00	13.00	17.00	0.00617	0.00501	0.00655	PASS
	HV	6.00	6.00	15.00	0.00231	0.00231	0.00578	PASS

LTE Band 41								
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°C)	Normal	14.88	4.45	2.22	0.00573	0.00172	0.00086	PASS
Extreme (50°C)		11.15	5.36	9.68	0.00430	0.00206	0.00373	PASS
Extreme (40°C)		17.65	1.62	2.19	0.00680	0.00062	0.00084	PASS
Extreme (30°C)		2.79	3.67	10.38	0.00107	0.00141	0.00400	PASS
Extreme (20°C)		12.42	13.96	6.24	0.00478	0.00538	0.00240	PASS
Extreme (10°C)		4.29	6.84	8.99	0.00165	0.00264	0.00347	PASS
Extreme (0°C)		11.75	6.57	1.26	0.00453	0.00253	0.00049	PASS
Extreme (-10°C)		13.89	9.04	9.14	0.00535	0.00348	0.00352	PASS
Extreme (-20°C)		15.17	13.47	3.16	0.00585	0.00519	0.00122	PASS
Extreme (-30°C)		6.67	17.53	8.30	0.00257	0.00676	0.00320	PASS
25°C	LV	13.04	1.21	15.37	0.00503	0.00047	0.00592	PASS
	HV	1.33	8.36	15.23	0.00051	0.00322	0.00587	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°C)	Normal	17.00	6.13	16.42	0.00655	0.00236	0.00633	PASS
Extreme (50°C)		1.12	7.49	2.67	0.00043	0.00289	0.00103	PASS
Extreme (40°C)		9.85	6.24	1.83	0.00380	0.00240	0.00071	PASS
Extreme (30°C)		7.69	2.08	17.60	0.00296	0.00080	0.00678	PASS
Extreme (20°C)		13.81	6.88	6.37	0.00532	0.00265	0.00246	PASS
Extreme (10°C)		13.37	5.39	9.60	0.00515	0.00208	0.00370	PASS
Extreme (0°C)		12.64	13.65	10.70	0.00487	0.00526	0.00412	PASS
Extreme (-10°C)		17.07	17.93	4.70	0.00658	0.00691	0.00181	PASS
Extreme (-20°C)		11.31	1.73	7.06	0.00436	0.00067	0.00272	PASS
Extreme (-30°C)		8.66	6.06	14.65	0.00334	0.00234	0.00564	PASS
25°C	LV	2.15	8.42	11.51	0.00083	0.00324	0.00443	PASS

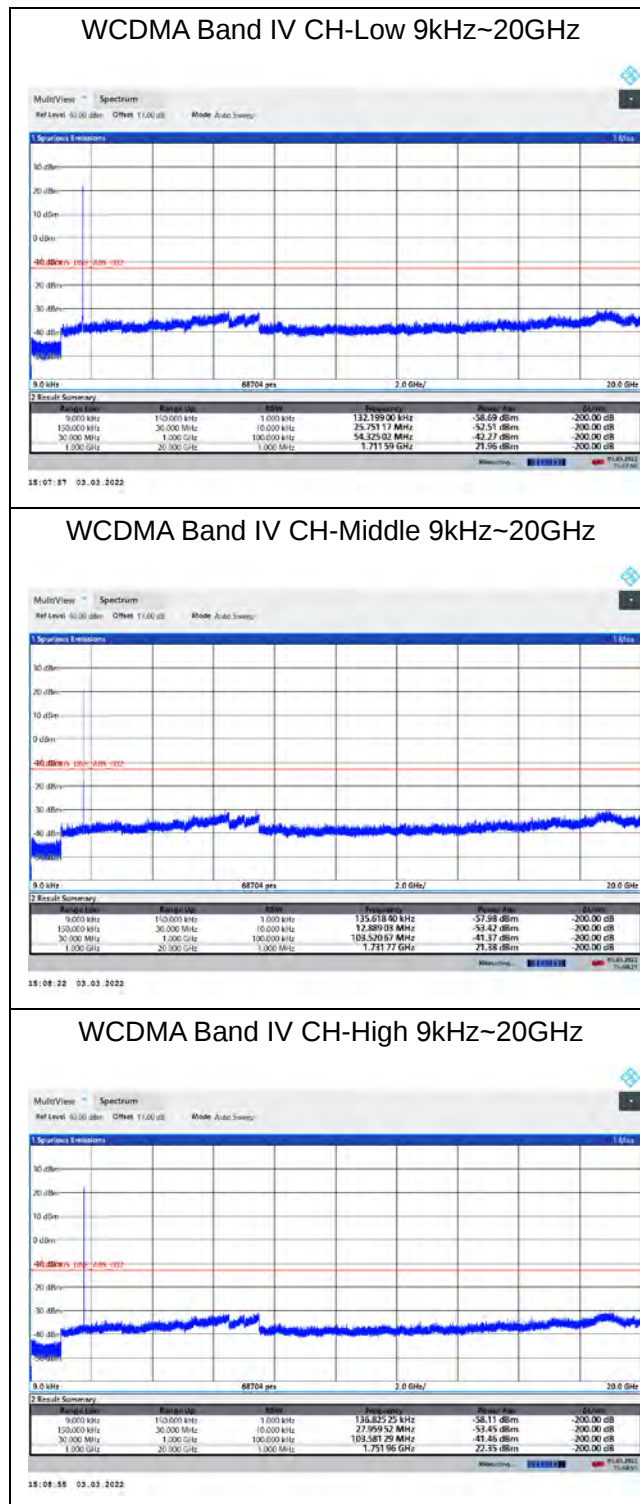


	HV	15.23	3.59	12.79	0.00587	0.00139	0.00493	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	15MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	1.00	7.00	16.00	0.00039	0.00270	0.00617	PASS
Extreme (50℃)		6.00	13.00	17.00	0.00231	0.00501	0.00655	PASS
Extreme (40℃)		14.00	2.00	12.00	0.00539	0.00077	0.00462	PASS
Extreme (30℃)		17.00	2.00	4.00	0.00655	0.00077	0.00154	PASS
Extreme (20℃)		7.00	13.00	6.00	0.00270	0.00501	0.00231	PASS
Extreme (10℃)		4.00	11.00	3.00	0.00154	0.00424	0.00116	PASS
Extreme (0℃)		8.00	13.00	2.00	0.00308	0.00501	0.00077	PASS
Extreme (-10℃)		8.00	11.00	5.00	0.00308	0.00424	0.00193	PASS
Extreme (-20℃)		3.00	7.00	13.00	0.00116	0.00270	0.00501	PASS
Extreme (-30℃)		5.00	12.00	17.00	0.00193	0.00462	0.00655	PASS
25℃	LV	9.00	6.00	10.00	0.00347	0.00231	0.00385	PASS
	HV	9.00	3.00	7.00	0.00347	0.00116	0.00270	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	20MHz							
Temperature	Voltage	64QAM	16QAM	QPSK	64QAM	16QAM	QPSK	
Normal (25℃)	Normal	10.00	3.00	3.00	0.00385	0.00116	0.00116	PASS
Extreme (50℃)		16.00	2.00	16.00	0.00617	0.00077	0.00617	PASS
Extreme (40℃)		7.00	16.00	9.00	0.00270	0.00617	0.00347	PASS
Extreme (30℃)		10.00	17.00	15.00	0.00385	0.00655	0.00578	PASS
Extreme (20℃)		6.00	13.00	17.00	0.00231	0.00501	0.00655	PASS
Extreme (10℃)		6.00	8.00	13.00	0.00231	0.00308	0.00501	PASS
Extreme (0℃)		13.00	3.00	12.00	0.00501	0.00116	0.00462	PASS
Extreme (-10℃)		1.00	5.00	8.00	0.00039	0.00193	0.00308	PASS
Extreme (-20℃)		2.00	4.00	4.00	0.00077	0.00154	0.00154	PASS
Extreme (-30℃)		9.00	15.00	1.00	0.00347	0.00578	0.00039	PASS
25℃	LV	11.00	12.00	14.00	0.00424	0.00462	0.00539	PASS
	HV	8.00	9.00	8.00	0.00308	0.00347	0.00308	PASS

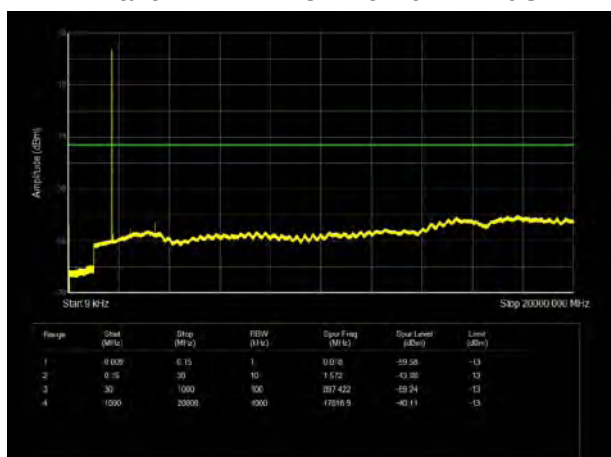
6.6 Spurious Emissions at Antenna Terminals

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.

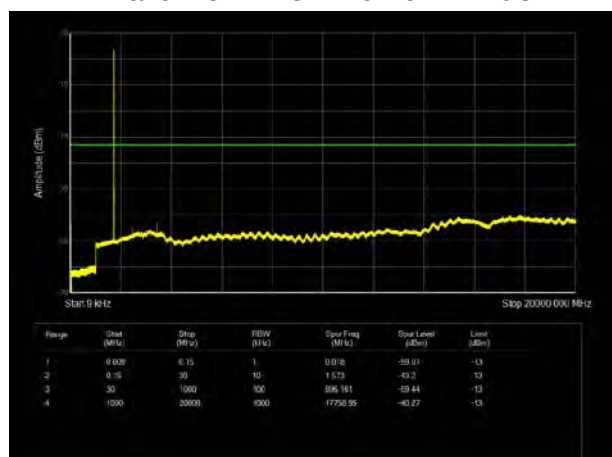
The signal beyond the limit is carrier.



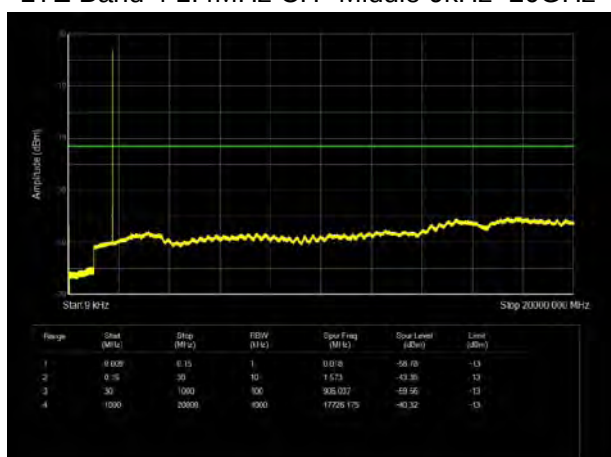
LTE Band 4 1.4MHz CH-Low 9kHz~20GHz



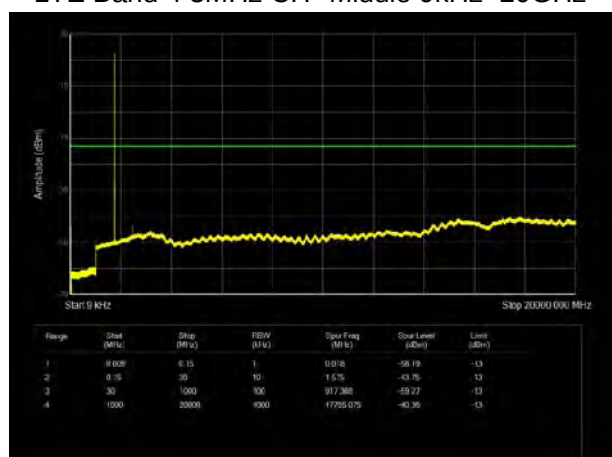
LTE Band 4 3MHz CH- Low 9kHz~20GHz



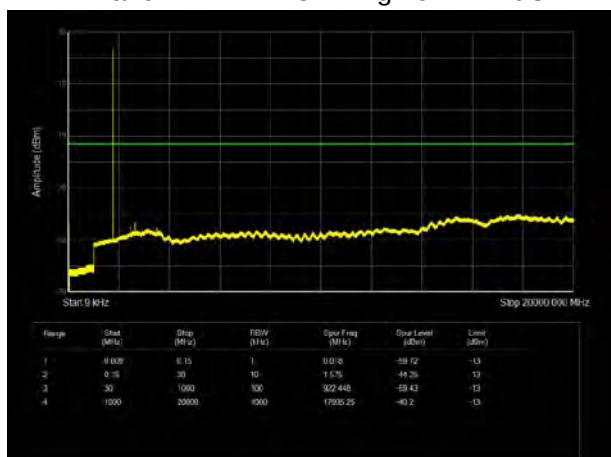
LTE Band 4 1.4MHz CH- Middle 9kHz~20GHz



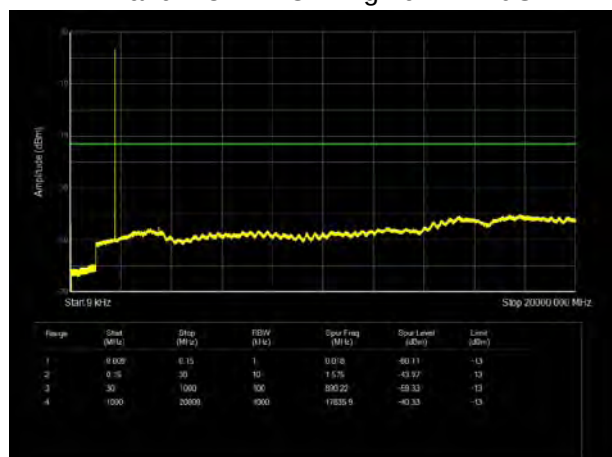
LTE Band 4 3MHz CH- Middle 9kHz~20GHz



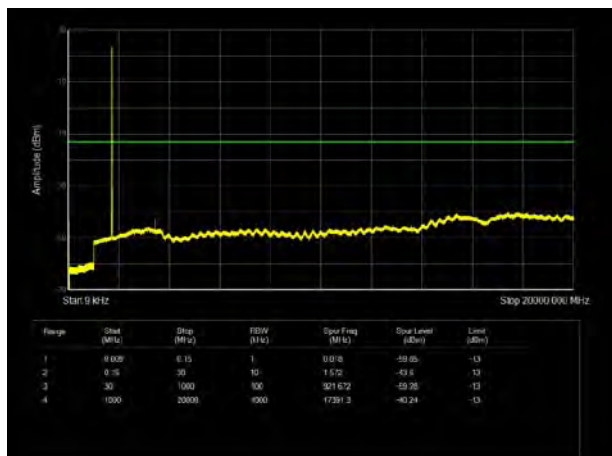
LTE Band 4 1.4MHz CH- High 9kHz~20GHz



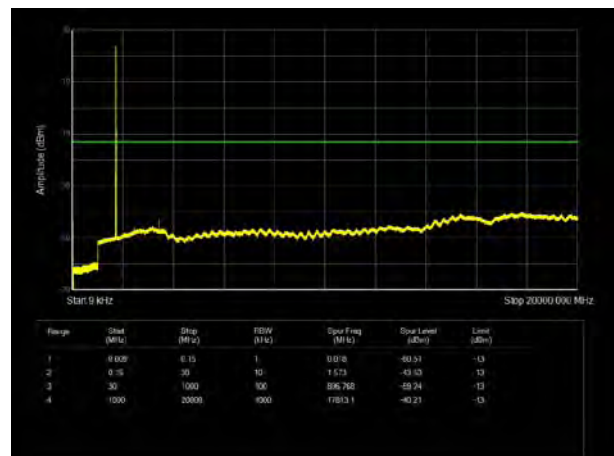
LTE Band 4 3MHz CH-High 9kHz~20GHz



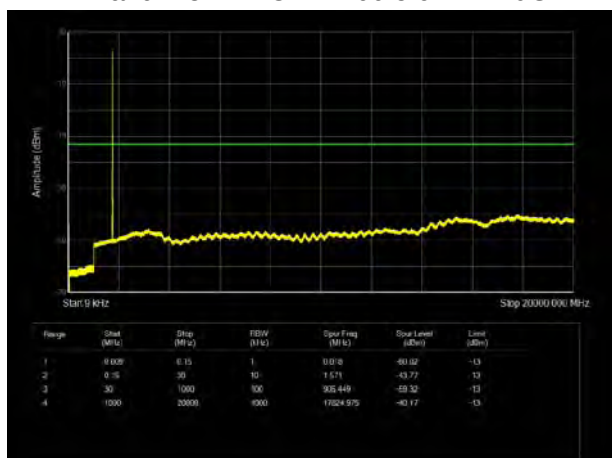
LTE Band 4 5MHz CH- Low 9kHz~20GHz



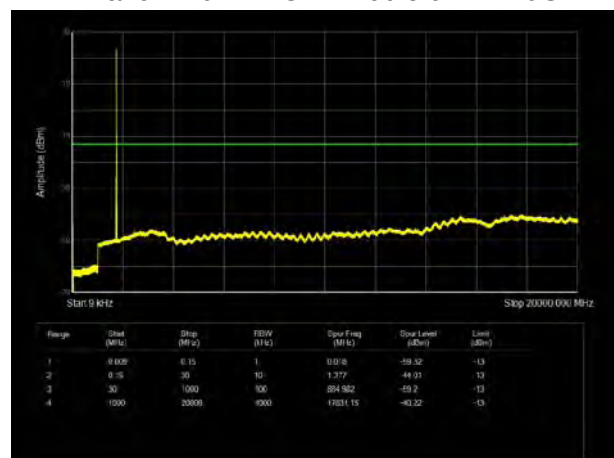
LTE Band 4 10MHz CH-Low 9kHz~20GHz



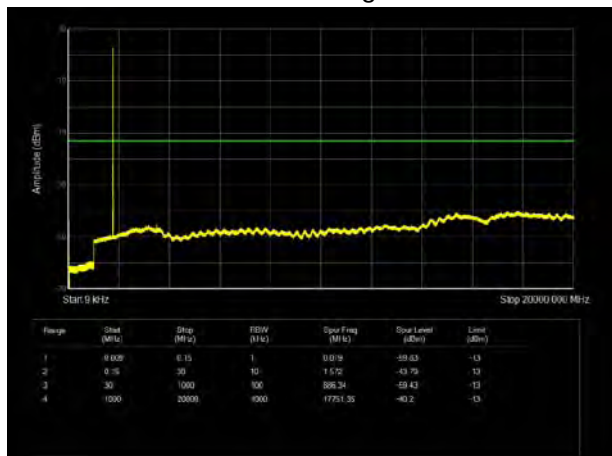
LTE Band 4 5MHz CH- Middle 9kHz~20GHz



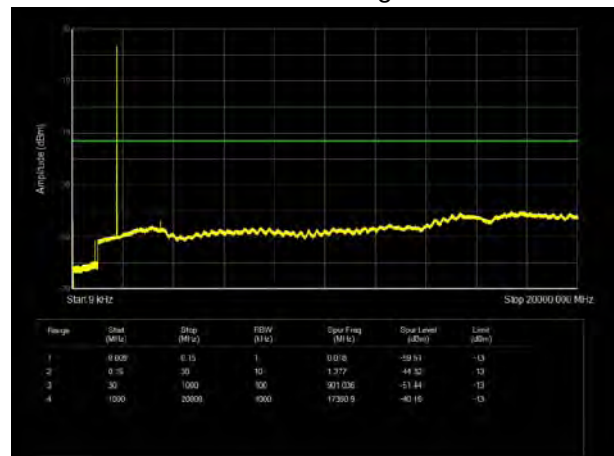
LTE Band 4 10MHz CH- Middle 9kHz~20GHz



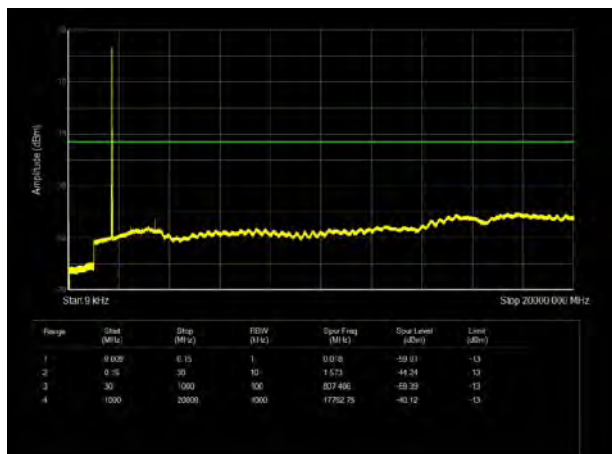
LTE Band 4 5MHz CH-High 9kHz~20GHz



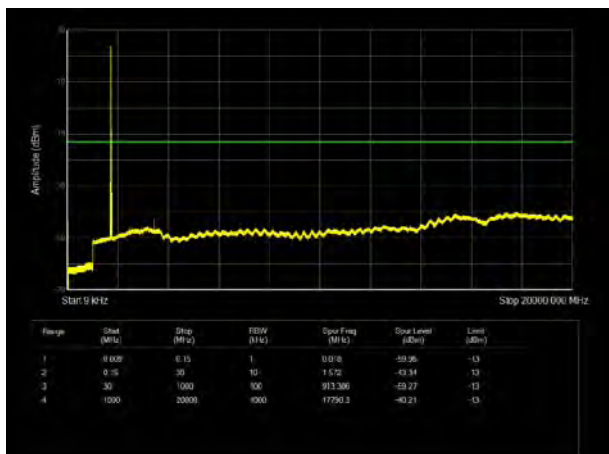
LTE Band 4 10MHz CH- High 9kHz~20GHz



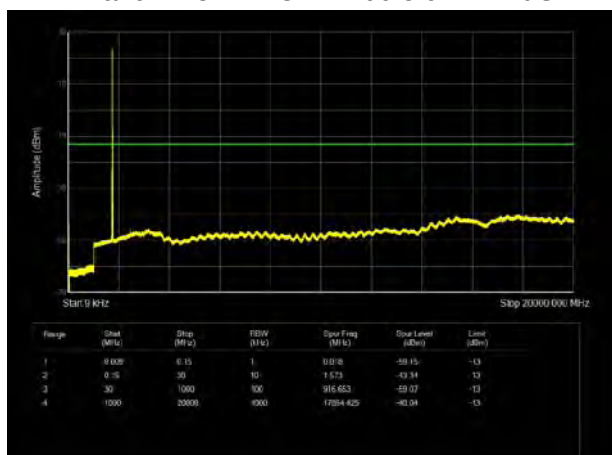
LTE Band 4 15MHz CH- Low 9kHz~20GHz



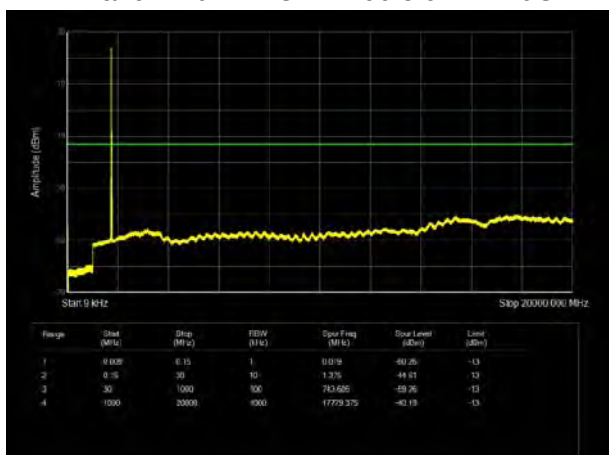
LTE Band 4 20MHz CH-Low 9kHz~20GHz



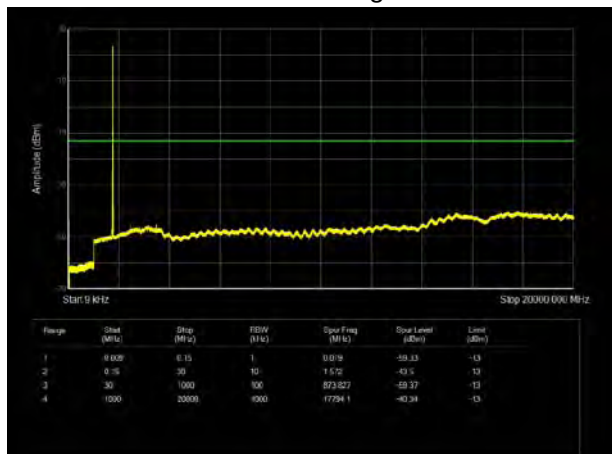
LTE Band 4 15MHz CH- Middle 9kHz~20GHz



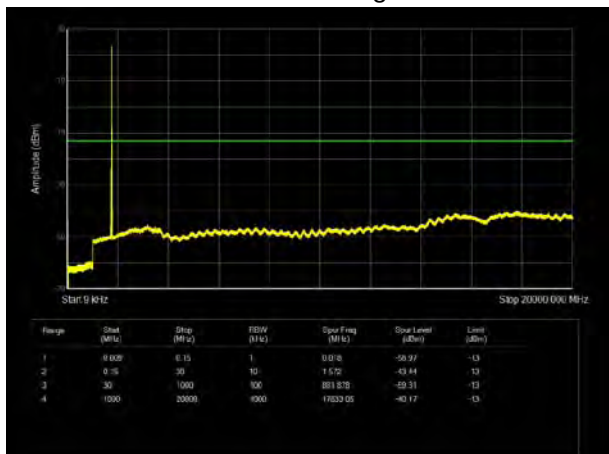
LTE Band 4 20MHz CH- Middle 9kHz~20GHz



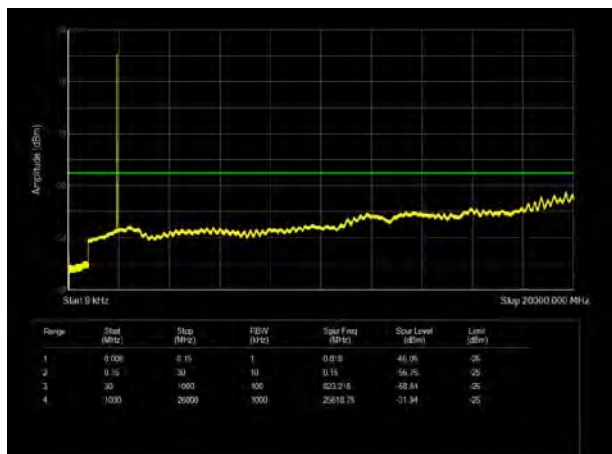
LTE Band 4 15MHz CH-High 9kHz~20GHz



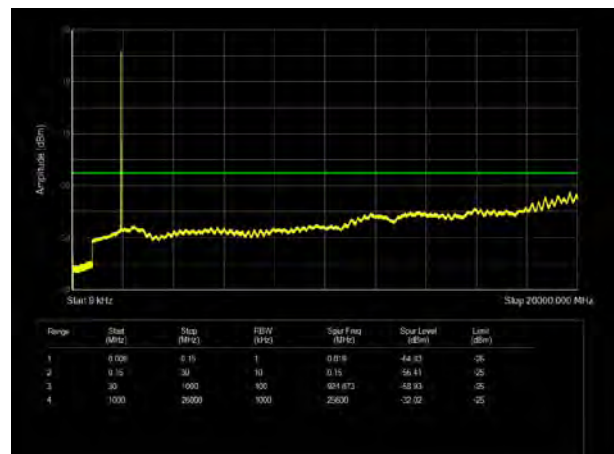
LTE Band 4 20MHz CH- High 9kHz~20GHz



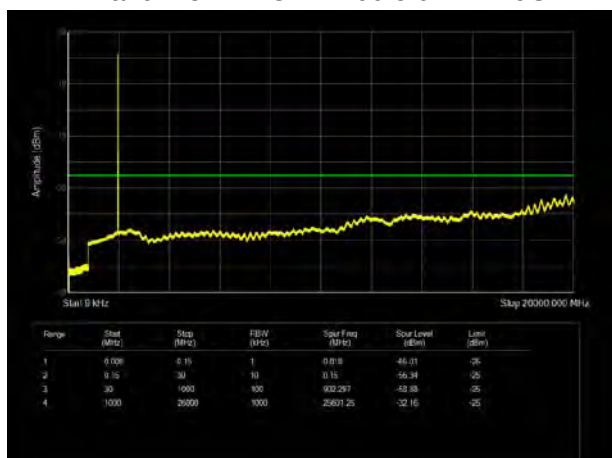
LTE Band 7 5MHz CH- Low 9kHz~26GHz



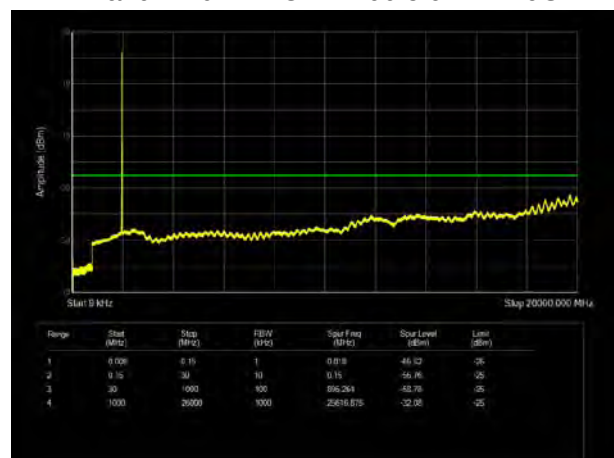
LTE Band 7 10MHz CH-Low 9kHz~26GHz



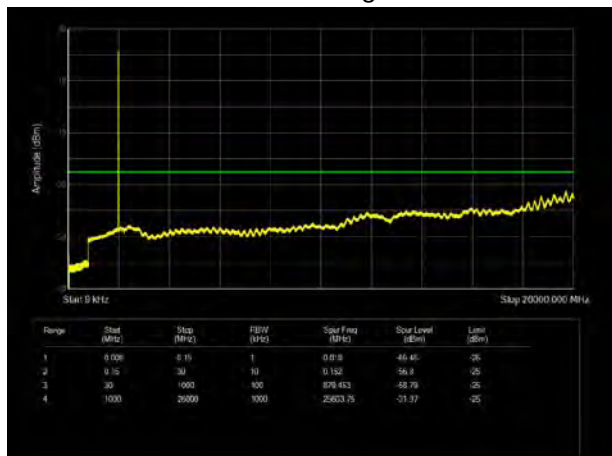
LTE Band 7 5MHz CH- Middle 9kHz~26GHz



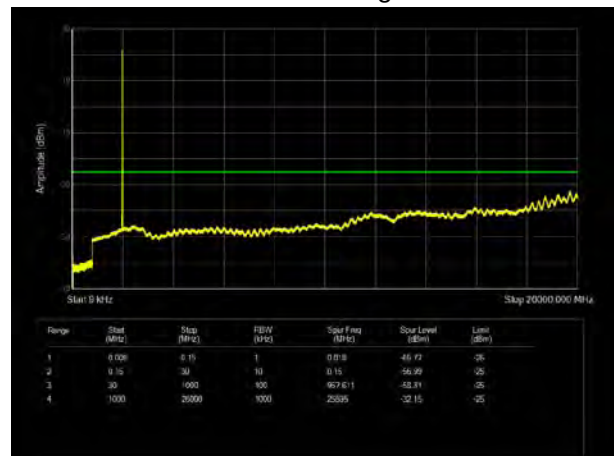
LTE Band 7 10MHz CH- Middle 9kHz~26GHz



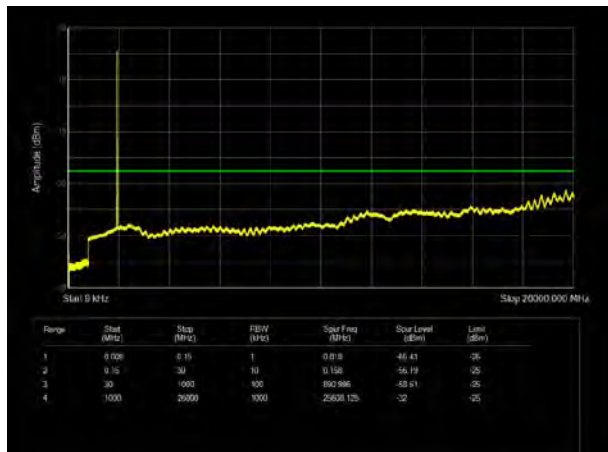
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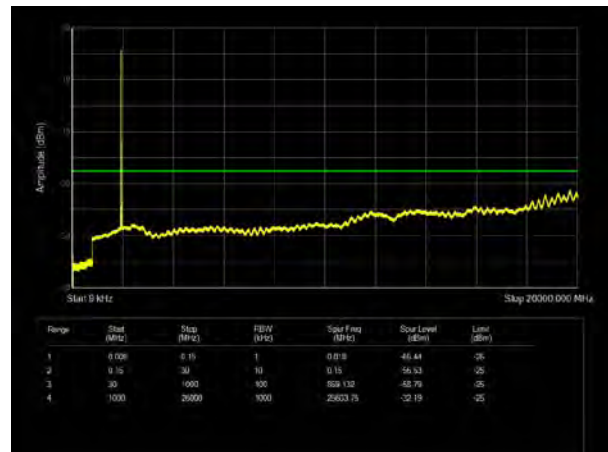
LTE Band 7 10MHz CH- High 9kHz~26GHz



LTE Band 7 15MHz CH- Low 9kHz~26GHz



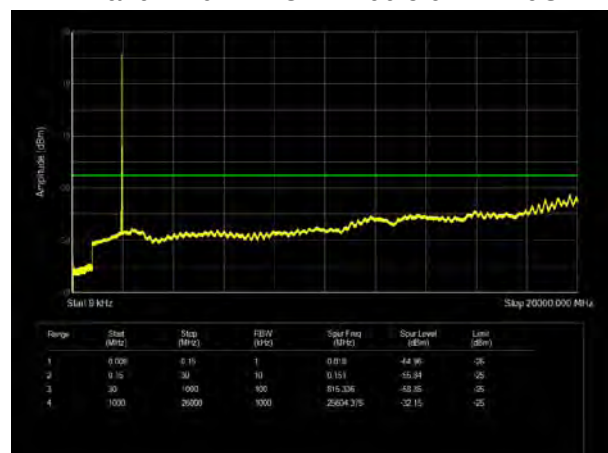
LTE Band 7 20MHz CH-Low 9kHz~26GHz



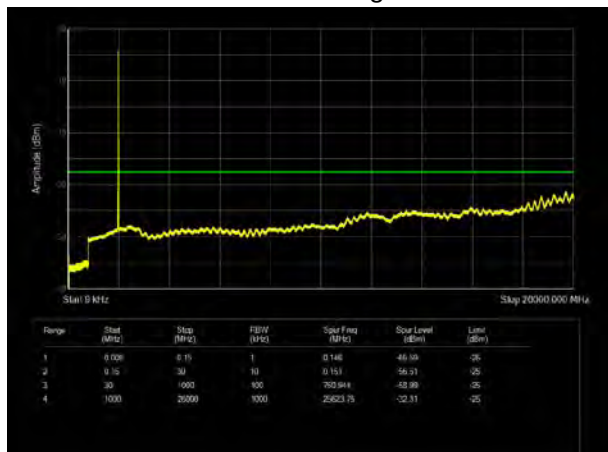
LTE Band 7 15MHz CH- Middle 9kHz~26GHz



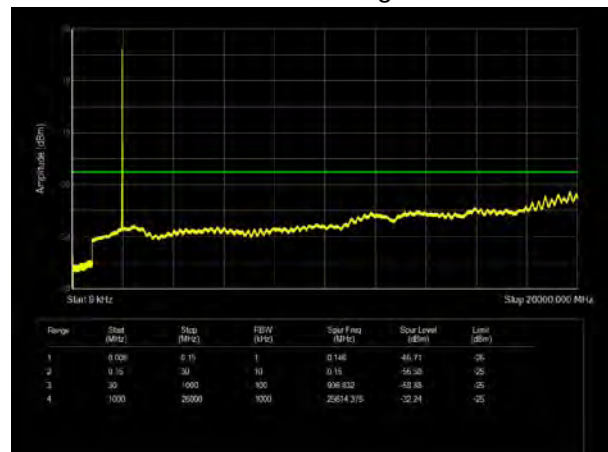
LTE Band 7 20MHz CH- Middle 9kHz~26GHz



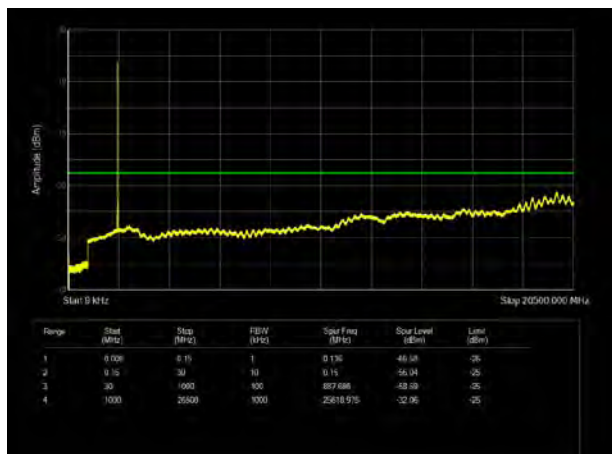
LTE Band 7 15MHz CH-High 9kHz~26GHz



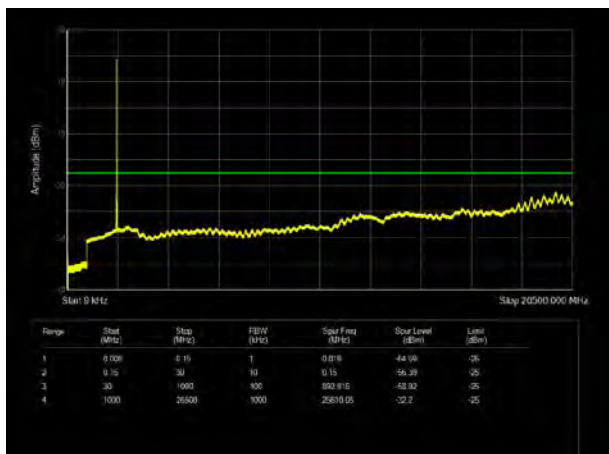
LTE Band 7 20MHz CH- High 9kHz~26GHz



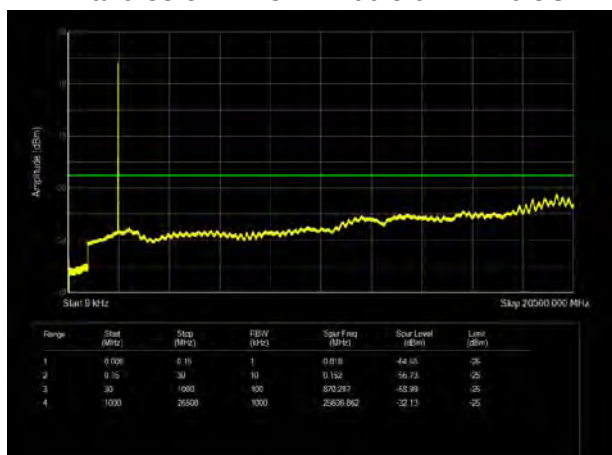
LTE Band 38 5MHz CH-Low 9kHz~26.5GHz



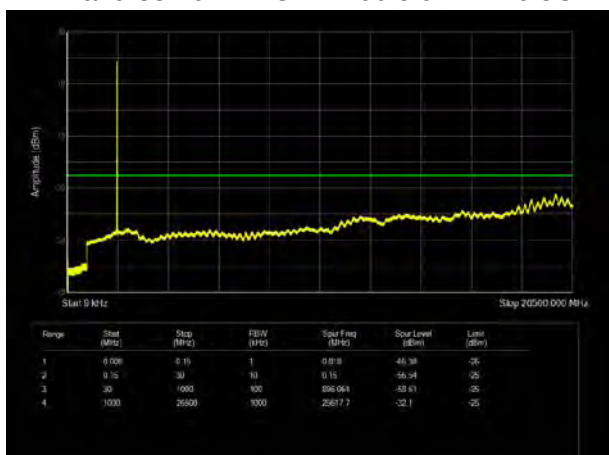
LTE Band 38 10MHz CH- Low 9kHz~26.5GHz



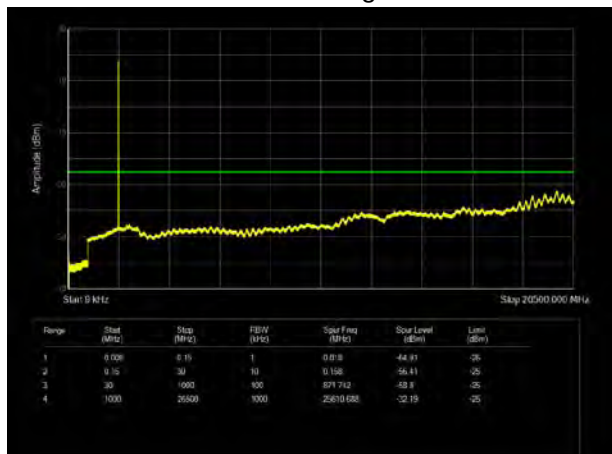
LTE Band 38 5MHz CH- Middle 9kHz~26.5GHz



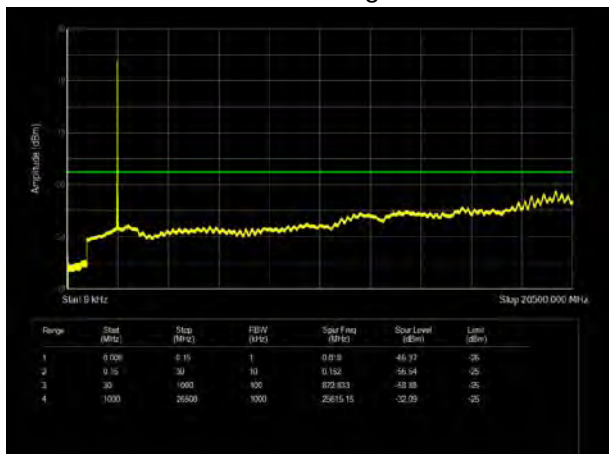
LTE Band 38 10MHz CH- Middle 9kHz~26.5GHz



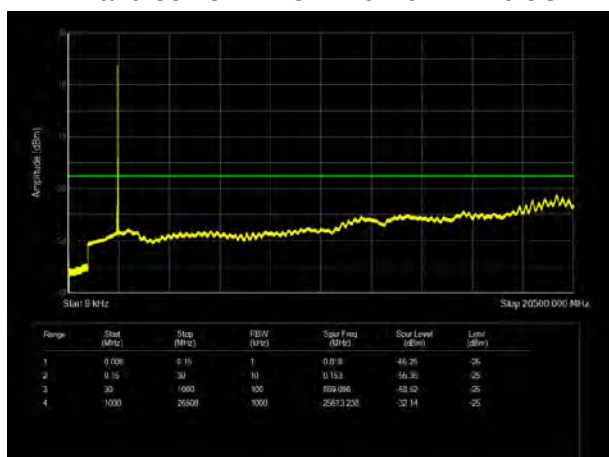
LTE Band 38 5MHz CH- High 9kHz~26.5GHz



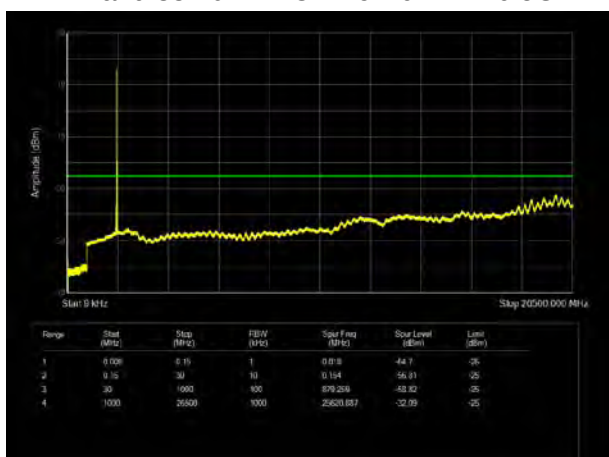
LTE Band 38 10MHz CH-High 9kHz~26.5GHz



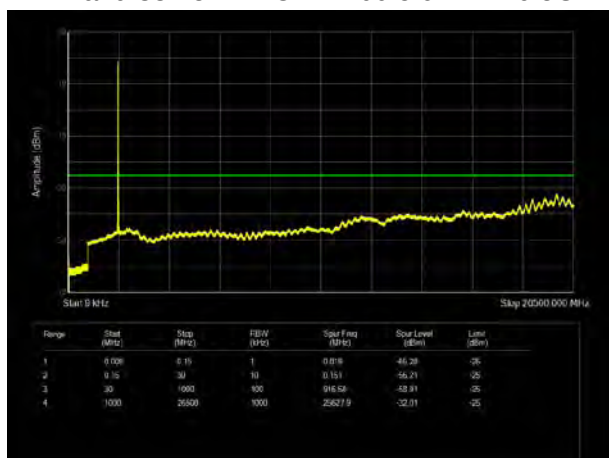
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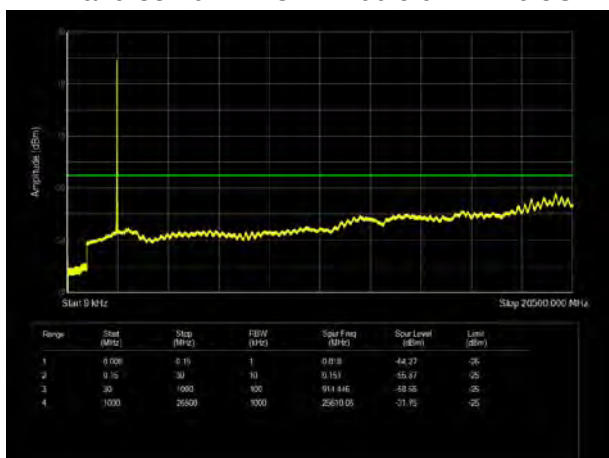
LTE Band 38 20MHz CH-Low 9kHz~26.5GHz



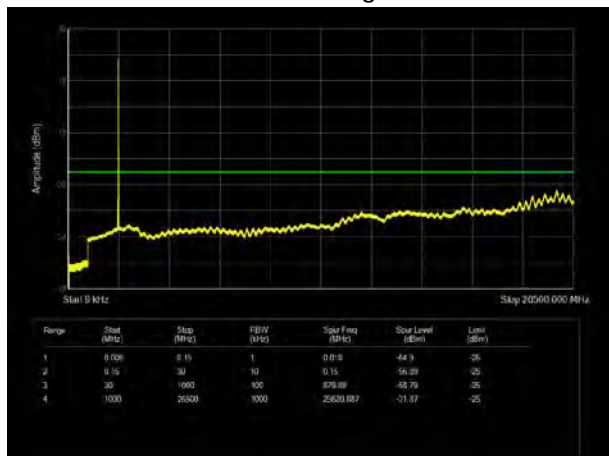
LTE Band 38 15MHz CH- Middle 9kHz~26.5GHz



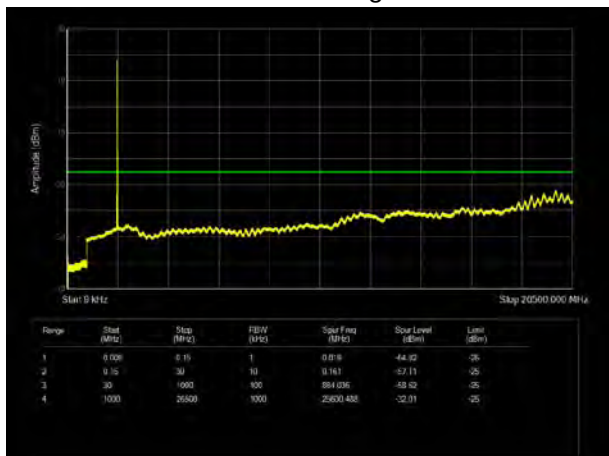
LTE Band 38 20MHz CH- Middle 9kHz~26.5GHz



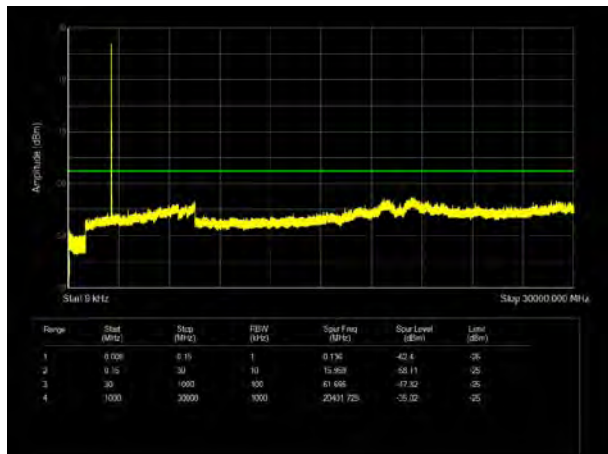
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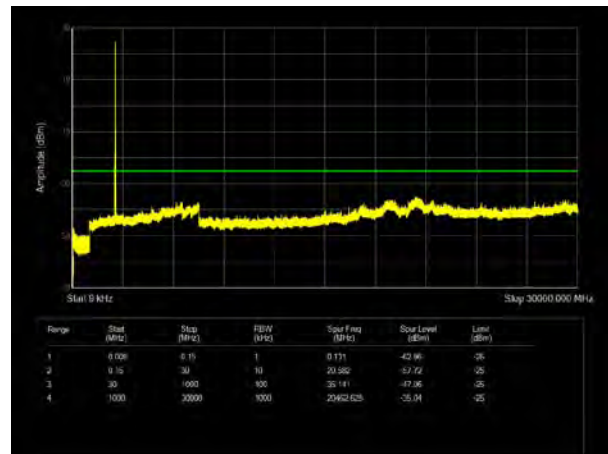
LTE Band 38 20MHz CH- High 9kHz~26.5GHz



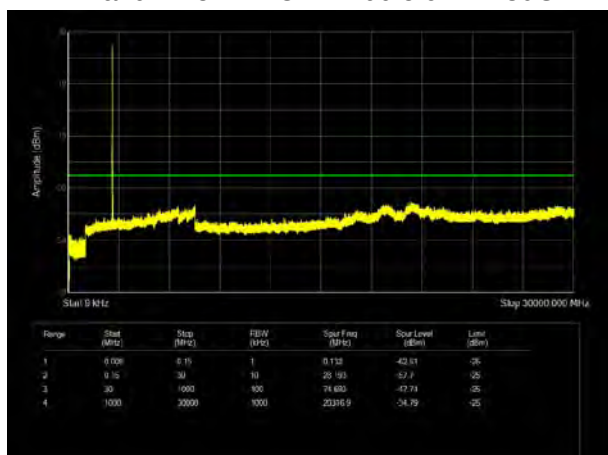
LTE Band 41 5MHz CH-Low 9kHz~30GHz



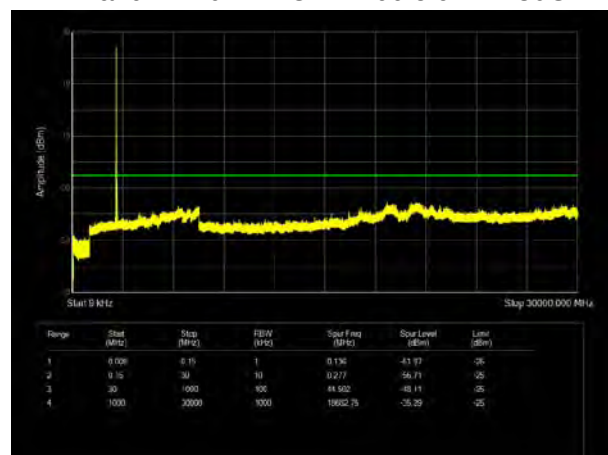
LTE Band 41 10MHz CH- Low 9kHz~30GHz



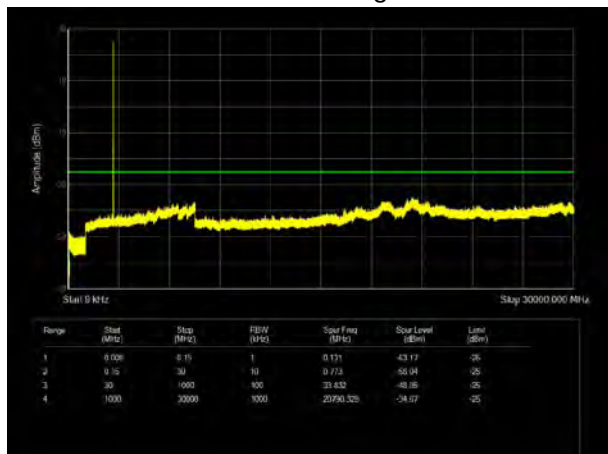
LTE Band 41 5MHz CH- Middle 9kHz~30GHz



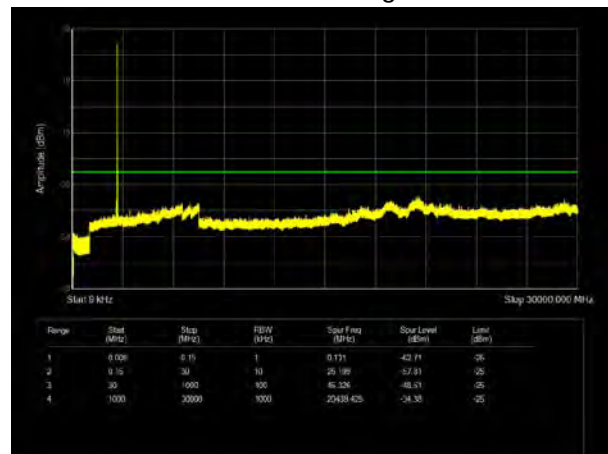
LTE Band 41 10MHz CH- Middle 9kHz~30GHz



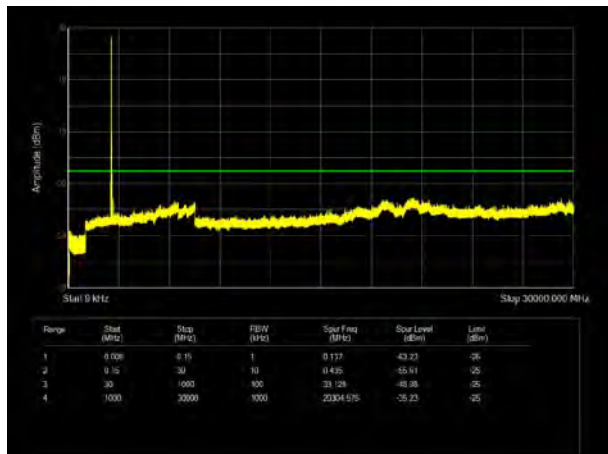
LTE Band 41 5MHz CH- High 9kHz~30GHz



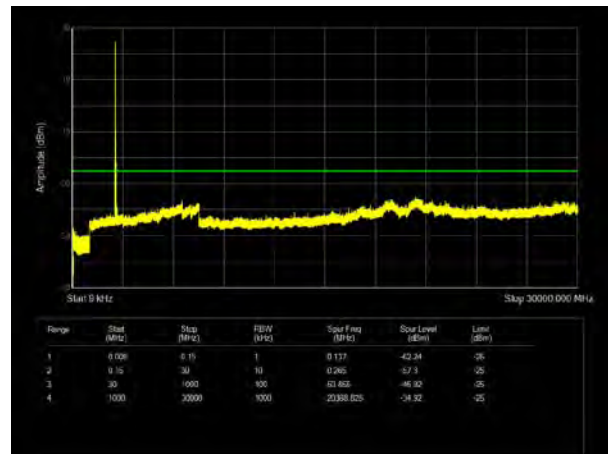
LTE Band 41 10MHz CH-High 9kHz~30GHz



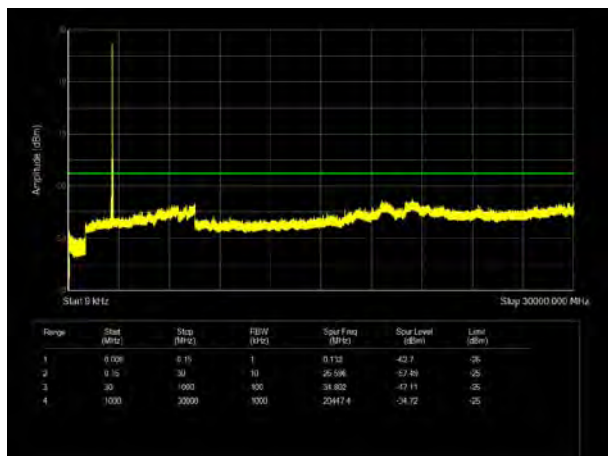
LTE Band 41 15MHz CH- Low 9kHz~30GHz



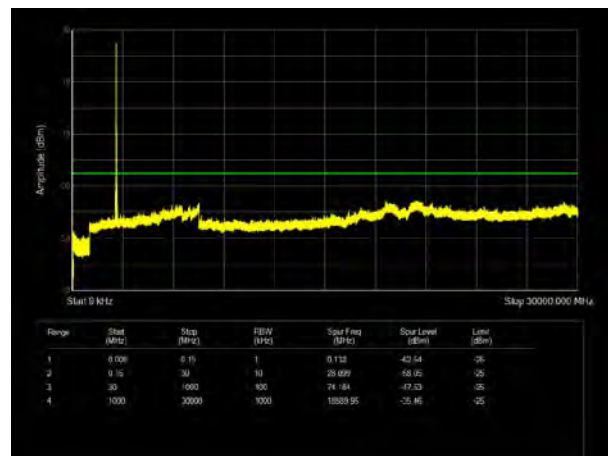
LTE Band 41 20MHz CH-Low 9kHz~30GHz



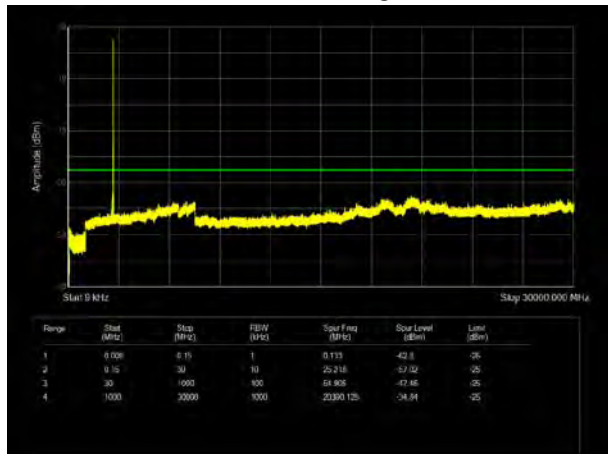
LTE Band 41 15MHz CH- Middle 9kHz~30GHz



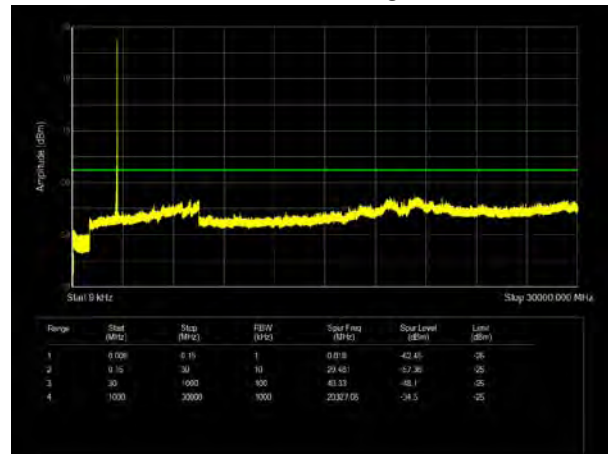
LTE Band 41 20MHz CH- Middle 9kHz~30GHz



LTE Band 41 15MHz CH-High 9kHz~30GHz



LTE Band 41 20MHz CH- High 9kHz~30GHz



6.7 Radiates 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

WCDMA Band IV CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.20	-66.54	2.70	12.70	Horizontal	-56.54	-13.00	43.54	180
3	5197.80	-61.17	3.20	12.50	Horizontal	-51.87	-13.00	38.87	180
4	6930.40	-62.21	4.20	11.80	Horizontal	-54.61	-13.00	41.61	180
5	8663.00	-56.59	4.40	12.50	Horizontal	-48.49	-13.00	35.49	315
6	10395.60	-51.79	4.70	11.30	Horizontal	-45.19	-13.00	32.19	270
7	12128.20	-52.72	5.20	13.80	Horizontal	-44.12	-13.00	31.12	225
8	13860.80	-49.87	5.70	11.30	Horizontal	-44.27	-13.00	31.27	135
9	15593.40	-53.60	6.10	16.80	Horizontal	-42.90	-13.00	29.90	90
10	17326.00	-50.38	6.10	14.20	Horizontal	-42.28	-13.00	29.28	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 4 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3464.25	-58.73	2.70	12.70	Horizontal	-48.73	-13.00	35.73	135
3	5197.50	-61.75	3.20	12.50	Horizontal	-52.45	-13.00	39.45	45
4	6930.00	-60.57	4.20	11.80	Horizontal	-52.97	-13.00	39.97	180
5	8662.50	-55.51	4.40	12.50	Horizontal	-47.41	-13.00	34.41	315
6	10395.00	-50.26	4.70	11.30	Horizontal	-43.66	-13.00	30.66	0
7	12127.50	-52.97	5.20	13.80	Horizontal	-44.37	-13.00	31.37	45
8	13860.00	-50.43	5.70	11.30	Horizontal	-44.83	-13.00	31.83	225
9	15592.50	-53.19	6.10	16.80	Horizontal	-42.49	-13.00	29.49	180
10	17325.00	-49.93	6.10	14.20	Horizontal	-41.83	-13.00	28.83	315
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 4 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.00	-59.41	2.70	12.70	Horizontal	-49.41	-13.00	36.41	225
3	5190.00	-61.81	3.20	12.50	Horizontal	-52.51	-13.00	39.51	45
4	6920.00	-61.01	4.20	11.80	Horizontal	-53.41	-13.00	40.41	90
5	8650.00	-55.64	4.40	12.50	Horizontal	-47.54	-13.00	34.54	270
6	10380.00	-50.21	4.70	11.30	Horizontal	-43.61	-13.00	30.61	315
7	12110.00	-51.83	5.20	13.80	Horizontal	-43.23	-13.00	30.23	45
8	13840.00	-50.18	5.70	11.30	Horizontal	-44.58	-13.00	31.58	135
9	15570.00	-53.80	6.10	16.80	Horizontal	-43.10	-13.00	30.10	180
10	17300.00	-48.98	6.10	14.20	Horizontal	-40.88	-13.00	27.88	90
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 4 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3447.75	-58.10	2.70	12.70	Horizontal	-48.10	-13.00	35.10	315
3	5170.88	-62.39	3.20	12.50	Horizontal	-53.09	-13.00	40.09	270
4	6930.00	-61.73	4.20	11.80	Horizontal	-54.13	-13.00	41.13	0
5	8662.50	-56.59	4.40	12.50	Horizontal	-48.49	-13.00	35.49	45
6	10395.00	-49.75	4.70	11.30	Horizontal	-43.15	-13.00	30.15	315
7	12127.50	-52.62	5.20	13.80	Horizontal	-44.02	-13.00	31.02	225
8	13860.00	-50.60	5.70	11.30	Horizontal	-45.00	-13.00	32.00	180
9	15592.50	-53.27	6.10	16.80	Horizontal	-42.57	-13.00	29.57	90
10	17325.00	-49.69	6.10	14.20	Horizontal	-41.59	-13.00	28.59	315
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 7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5065.00	-61.71	3.40	12.50	Horizontal	-52.61	-25.00	27.61	135
3	7597.50	-58.20	4.40	12.20	Horizontal	-50.40	-25.00	25.40	45
4	10130.00	-51.16	4.70	11.30	Horizontal	-44.56	-25.00	19.56	0
5	12662.50	-50.58	5.40	13.20	Horizontal	-42.78	-25.00	17.78	225
6	15195.00	-48.21	6.10	13.10	Horizontal	-41.21	-25.00	16.21	180
7	17727.50	-48.85	6.10	14.20	Horizontal	-40.75	-25.00	15.75	315
8	20280.00	--	--	--	--	--	--	--	--
9	22815.00	--	--	--	--	--	--	--	--
10	25350.00	--	--	--	--	--	--	--	--

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 7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5050.00	-61.50	3.40	12.50	Horizontal	-52.40	-25.00	27.40	45
3	7575.00	-57.67	4.40	12.20	Horizontal	-49.87	-25.00	24.87	135
4	10100.00	-51.22	4.70	11.30	Horizontal	-44.62	-25.00	19.62	180
5	12625.00	-51.93	5.40	13.20	Horizontal	-44.13	-25.00	19.13	0
6	15150.00	-48.51	6.10	13.10	Horizontal	-41.51	-25.00	16.51	315
7	17675.00	-48.70	6.10	14.20	Horizontal	-40.60	-25.00	15.60	225
8	20208.80	--	--	--	--	--	--	--	--
9	22734.90	--	--	--	--	--	--	--	--
10	25261.00	--	--	--	--	--	--	--	--

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 38 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.00	-62.31	3.20	12.50	Horizontal	-53.01	-25.00	28.01	45
3	7777.50	-57.42	4.40	12.30	Horizontal	-49.52	-25.00	24.52	135
4	10370.00	-51.31	4.70	11.80	Horizontal	-44.21	-25.00	19.21	270
5	12962.50	-51.68	5.40	14.00	Horizontal	-43.08	-25.00	18.08	90
6	15555.00	-52.81	6.10	16.80	Horizontal	-42.11	-25.00	17.11	315
7	18147.50	--	--	--	--	--	--	--	--
8	20740.00	--	--	--	--	--	--	--	--
9	23332.50	--	--	--	--	--	--	--	--
10	25925.00	--	--	--	--	--	--	--	--

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 38 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5170.00	-59.48	3.20	12.50	Horizontal	-50.18	-25.00	25.18	315
3	7755.00	-58.53	4.40	12.30	Horizontal	-50.63	-25.00	25.63	45
4	10340.00	-52.46	4.70	11.80	Horizontal	-45.36	-25.00	20.36	225
5	12925.00	-51.87	5.40	14.00	Horizontal	-43.27	-25.00	18.27	0
6	15510.00	-53.95	6.10	16.80	Horizontal	-43.25	-25.00	18.25	180
7	18095.00	--	--	--	--	--	--	--	--
8	20680.00	--	--	--	--	--	--	--	--
9	23265.00	--	--	--	--	--	--	--	--
10	25850.00	--	--	--	--	--	--	--	--

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 41 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5181.80	-62.28	3.20	12.50	Horizontal	-52.98	-25.00	27.98	180
3	7772.20	-56.60	4.40	12.30	Horizontal	-48.70	-25.00	23.70	90
4	10363.60	-51.27	4.70	11.80	Horizontal	-44.17	-25.00	19.17	225
5	12954.60	-51.76	5.40	14.00	Horizontal	-43.16	-25.00	18.16	45
6	15558.00	-53.65	6.10	16.80	Horizontal	-42.95	-25.00	17.95	315
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--
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 41 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5168.30	-63.57	3.20	12.50	Horizontal	-54.27	-25.00	29.27	0
3	7752.20	-58.17	4.40	12.30	Horizontal	-50.27	-25.00	25.27	45
4	10336.40	-52.00	4.70	11.80	Horizontal	-44.90	-25.00	19.90	180
5	12920.40	-52.39	5.40	14.00	Horizontal	-43.79	-25.00	18.79	90
6	15497.80	-53.07	6.10	16.80	Horizontal	-42.37	-25.00	17.37	180
7	18081.00	--	--	--	--	--	--	--	--
8	20664.00	--	--	--	--	--	--	--	--
9	23247.00	--	--	--	--	--	--	--	--
10	25830.00	--	--	--	--	--	--	--	--
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.									

**Upper Antenna**

WCDMA Band IV CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.20	-64.03	2.70	12.70	Horizontal	-54.03	-13.00	41.03	0
3	5197.80	-61.70	3.20	12.50	Horizontal	-52.40	-13.00	39.40	135
4	6930.40	-60.10	4.20	11.80	Horizontal	-52.50	-13.00	39.50	90
5	8663.00	-55.93	4.40	12.50	Horizontal	-47.83	-13.00	34.83	90
6	10395.60	-47.96	4.70	11.30	Horizontal	-41.36	-13.00	28.36	90
7	12128.20	-52.13	5.20	13.80	Horizontal	-43.53	-13.00	30.53	315
8	13860.80	-48.66	5.70	11.30	Horizontal	-43.06	-13.00	30.06	90
9	15593.40	-53.33	6.10	16.80	Horizontal	-42.63	-13.00	29.63	45
10	17326.00	-48.80	6.10	14.20	Horizontal	-40.70	-13.00	27.70	225

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 4 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3464.25	-62.57	2.70	12.70	Horizontal	-52.57	-13.00	39.57	270
3	5197.50	-61.24	3.20	12.50	Horizontal	-51.94	-13.00	38.94	45
4	6930.00	-60.79	4.20	11.80	Horizontal	-53.19	-13.00	40.19	180
5	8662.50	-56.31	4.40	12.50	Horizontal	-48.21	-13.00	35.21	180
6	10395.00	-51.16	4.70	11.30	Horizontal	-44.56	-13.00	31.56	0
7	12127.50	-51.41	5.20	13.80	Horizontal	-42.81	-13.00	29.81	45
8	13860.00	-50.49	5.70	11.30	Horizontal	-44.89	-13.00	31.89	0
9	15592.50	-51.90	6.10	16.80	Horizontal	-41.20	-13.00	28.20	180
10	17325.00	-49.68	6.10	14.20	Horizontal	-41.58	-13.00	28.58	90

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 4 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.00	-61.84	2.70	12.70	Horizontal	-51.84	-13.00	38.84	135
3	5190.00	-60.82	3.20	12.50	Horizontal	-51.52	-13.00	38.52	45
4	6920.00	-61.32	4.20	11.80	Horizontal	-53.72	-13.00	40.72	0
5	8650.00	-56.03	4.40	12.50	Horizontal	-47.93	-13.00	34.93	270
6	10380.00	-48.84	4.70	11.30	Horizontal	-42.24	-13.00	29.24	315
7	12110.00	-51.93	5.20	13.80	Horizontal	-43.33	-13.00	30.33	90
8	13840.00	-49.60	5.70	11.30	Horizontal	-44.00	-13.00	31.00	135
9	15570.00	-52.77	6.10	16.80	Horizontal	-42.07	-13.00	29.07	270
10	17300.00	-49.38	6.10	14.20	Horizontal	-41.28	-13.00	28.28	90
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 4 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3447.75	-61.96	2.70	12.70	Horizontal	-51.96	-13.00	38.96	315
3	5170.88	-62.06	3.20	12.50	Horizontal	-52.76	-13.00	39.76	90
4	6930.00	-61.90	4.20	11.80	Horizontal	-54.30	-13.00	41.30	0
5	8662.50	-55.36	4.40	12.50	Horizontal	-47.26	-13.00	34.26	180
6	10395.00	-50.54	4.70	11.30	Horizontal	-43.94	-13.00	30.94	90
7	12127.50	-53.25	5.20	13.80	Horizontal	-44.65	-13.00	31.65	225
8	13860.00	-49.85	5.70	11.30	Horizontal	-44.25	-13.00	31.25	270
9	15592.50	-53.23	6.10	16.80	Horizontal	-42.53	-13.00	29.53	90
10	17325.00	-50.22	6.10	14.20	Horizontal	-42.12	-13.00	29.12	0
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 7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5065.00	-60.97	3.40	12.50	Horizontal	-51.87	-25.00	26.87	135
3	7597.50	-57.61	4.40	12.20	Horizontal	-49.81	-25.00	24.81	270
4	10130.00	-51.25	4.70	11.30	Horizontal	-44.65	-25.00	19.65	0
5	12662.50	-51.88	5.40	13.20	Horizontal	-44.08	-25.00	19.08	90
6	15195.00	-47.40	6.10	13.10	Horizontal	-40.40	-25.00	15.40	180
7	17727.50	-50.46	6.10	14.20	Horizontal	-42.36	-25.00	17.36	270
8	20280.00	--	--	--	--	--	--	--	--
9	22815.00	--	--	--	--	--	--	--	--
10	25350.00	--	--	--	--	--	--	--	--

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 7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5050.00	-61.04	3.40	12.50	Horizontal	-51.94	-25.00	26.94	135
3	7575.00	-57.28	4.40	12.20	Horizontal	-49.48	-25.00	24.48	135
4	10100.00	-50.89	4.70	11.30	Horizontal	-44.29	-25.00	19.29	270
5	12625.00	-51.30	5.40	13.20	Horizontal	-43.50	-25.00	18.50	0
6	15150.00	-48.03	6.10	13.10	Horizontal	-41.03	-25.00	16.03	315
7	17675.00	-48.23	6.10	14.20	Horizontal	-40.13	-25.00	15.13	0
8	20208.80	--	--	--	--	--	--	--	--
9	22734.90	--	--	--	--	--	--	--	--
10	25261.00	--	--	--	--	--	--	--	--

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 38 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.00	-62.13	3.20	12.50	Horizontal	-52.83	-25.00	27.83	45
3	7777.50	-57.78	4.40	12.30	Horizontal	-49.88	-25.00	24.88	135
4	10370.00	-51.01	4.70	11.80	Horizontal	-43.91	-25.00	18.91	180
5	12962.50	-51.25	5.40	14.00	Horizontal	-42.65	-25.00	17.65	90
6	15555.00	-52.72	6.10	16.80	Horizontal	-42.02	-25.00	17.02	0
7	18147.50	--	--	--	--	--	--	--	--
8	20740.00	--	--	--	--	--	--	--	--
9	23332.50	--	--	--	--	--	--	--	--
10	25925.00	--	--	--	--	--	--	--	--

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 38 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5170.00	-61.72	3.20	12.50	Horizontal	-52.42	-25.00	27.42	90
3	7755.00	-57.26	4.40	12.30	Horizontal	-49.36	-25.00	24.36	45
4	10340.00	-51.48	4.70	11.80	Horizontal	-44.38	-25.00	19.38	180
5	12925.00	-50.99	5.40	14.00	Horizontal	-42.39	-25.00	17.39	0
6	15510.00	-51.67	6.10	16.80	Horizontal	-40.97	-25.00	15.97	90
7	18095.00	--	--	--	--	--	--	--	--
8	20680.00	--	--	--	--	--	--	--	--
9	23265.00	--	--	--	--	--	--	--	--
10	25850.00	--	--	--	--	--	--	--	--

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 41 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5181.80	-62.31	3.20	12.50	Horizontal	-53.01	-25.00	28.01	180
3	7772.20	-57.89	4.40	12.30	Horizontal	-49.99	-25.00	24.99	90
4	10363.60	-50.19	4.70	11.80	Horizontal	-43.09	-25.00	18.09	225
5	12954.60	-51.40	5.40	14.00	Horizontal	-42.80	-25.00	17.80	45
6	15558.00	-53.32	6.10	16.80	Horizontal	-42.62	-25.00	17.62	315
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--
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 41 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5168.30	-60.48	3.20	12.50	Horizontal	-51.18	-25.00	26.18	315
3	7752.20	-57.39	4.40	12.30	Horizontal	-49.49	-25.00	24.49	45
4	10336.40	-51.82	4.70	11.80	Horizontal	-44.72	-25.00	19.72	270
5	12920.40	-51.45	5.40	14.00	Horizontal	-42.85	-25.00	17.85	90
6	15497.80	-51.99	6.10	16.80	Horizontal	-41.29	-25.00	16.29	135
7	18081.00	--	--	--	--	--	--	--	--
8	20664.00	--	--	--	--	--	--	--	--
9	23247.00	--	--	--	--	--	--	--	--
10	25830.00	--	--	--	--	--	--	--	--
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.									



7 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Climate Chamber	Weiss	VT4002	58226119450010	2021-05-15	2022-05-14
Base Station Simulator	R&S	CMW500	150415	2021-05-15	2022-05-14
Spectrum Analyzer	Keysight	N9020A	MY52330084	2021-05-15	2022-05-14
Universal Radio Communication Tester	Agilent	E5515C	GB44400275	2021-05-15	2022-05-14
Signal Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV30	100815	2021-12-12	2022-12-11
Loop Antenna	Schwarzbeck	FMZB1519	1519-047	2020-04-02	2023-04-01
Horn Antenna	Schwarzbeck	BBHA 9120D	01799	2019-09-21	2022-09-21
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	01439	2021-06-30	2024-06-29
Horn Antenna	ETS-Lindgren	3160-09	00102643	2018-06-20	2023-06-19
Software	R&S	EMC32	10.35.10	\	\

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



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.