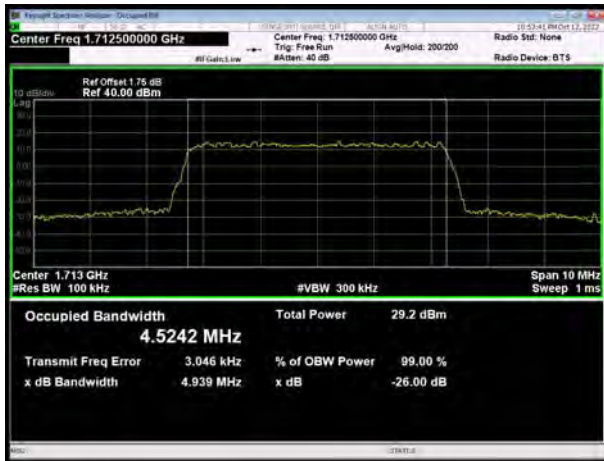
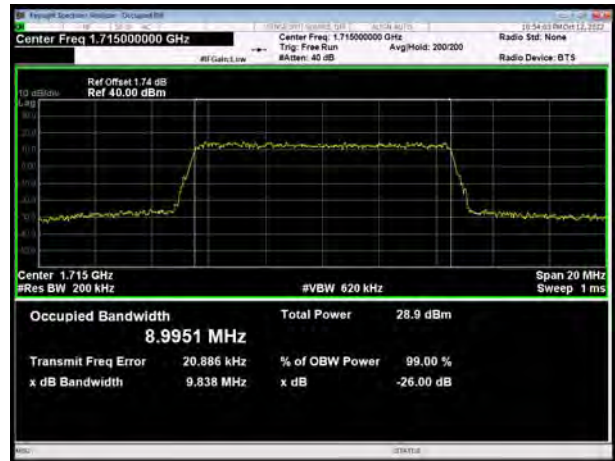


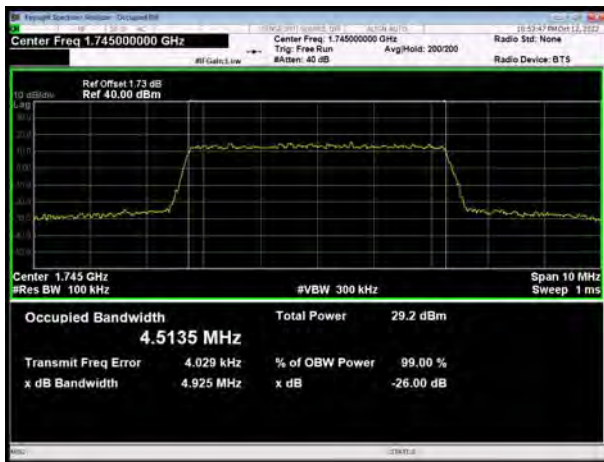
LTE Band 66 16QAM 5MHz CH-Low



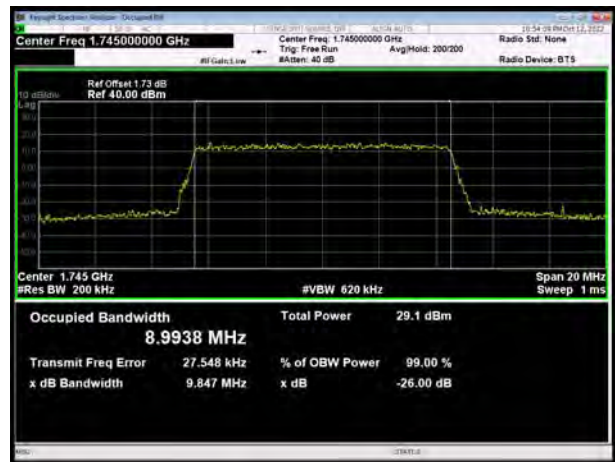
LTE Band 66 16QAM 10MHz CH-Low



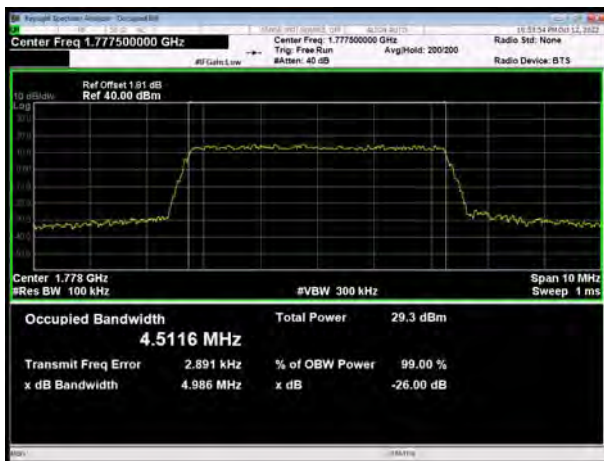
LTE Band 66 16QAM 5MHz CH-Middle



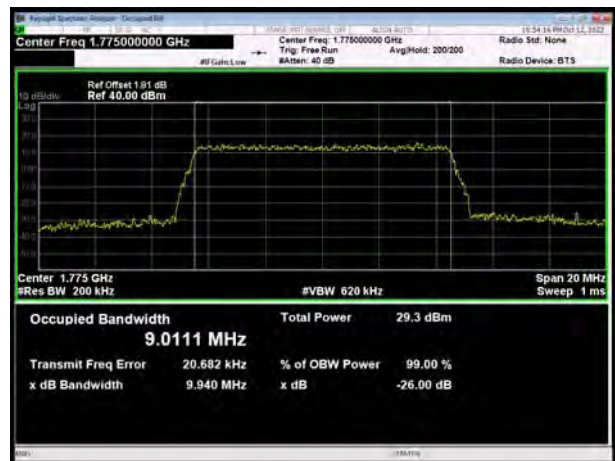
LTE Band 66 16QAM 10MHz CH-Middle



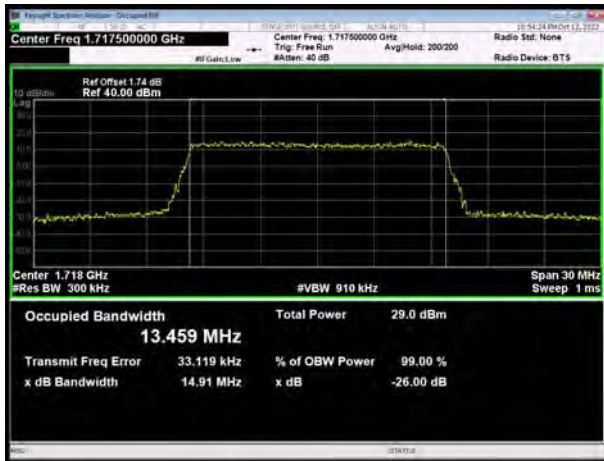
LTE Band 66 16QAM 5MHz CH-High



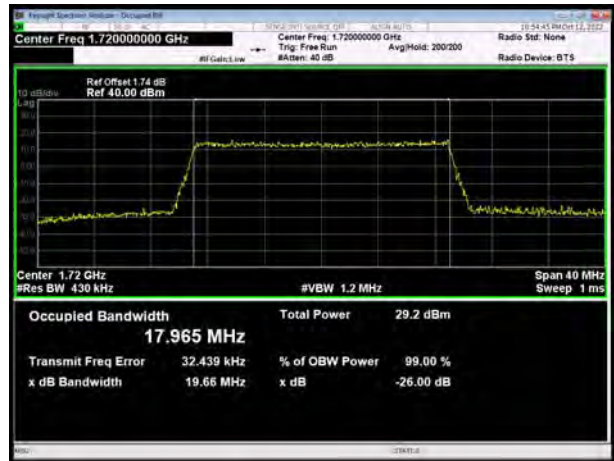
LTE Band 66 16QAM 10MHz CH-High



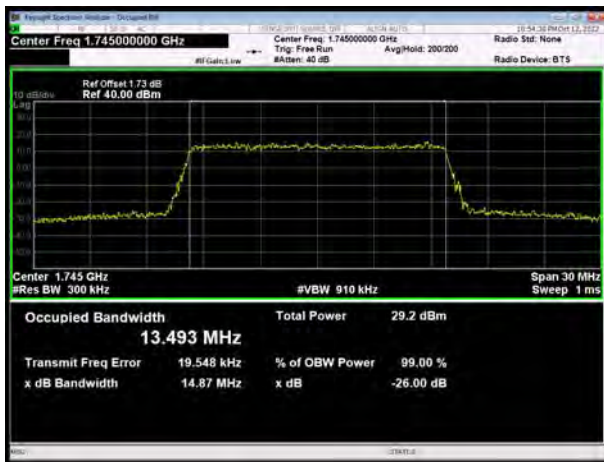
LTE Band 66 16QAM 15MHz CH-Low



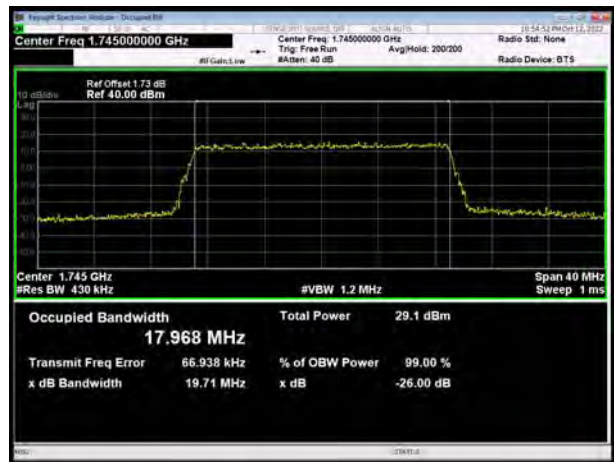
LTE Band 66 16QAM 20MHz CH-Low



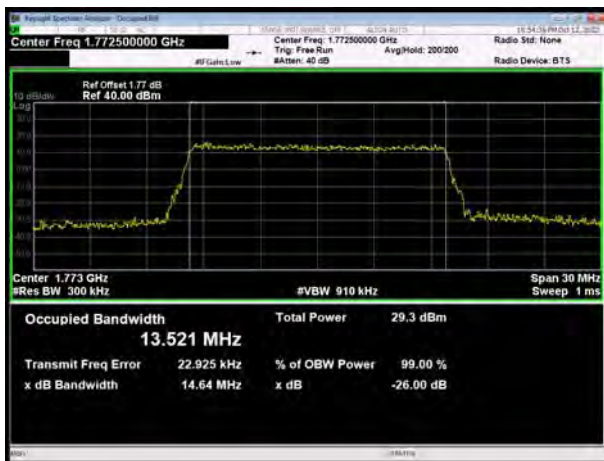
LTE Band 66 16QAM 15MHz CH-Middle



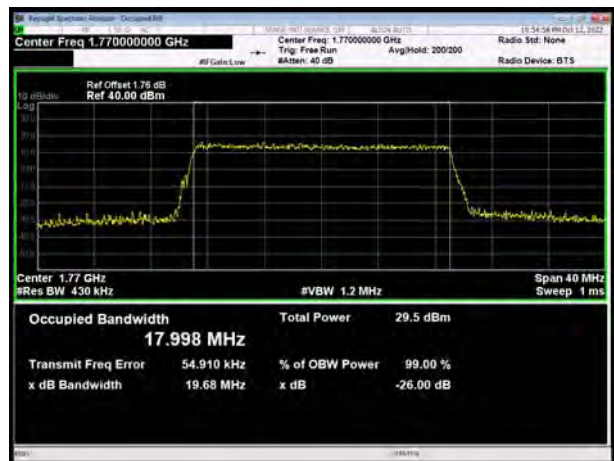
LTE Band 66 16QAM 20MHz CH-Middle



LTE Band 66 16QAM 15MHz CH-High

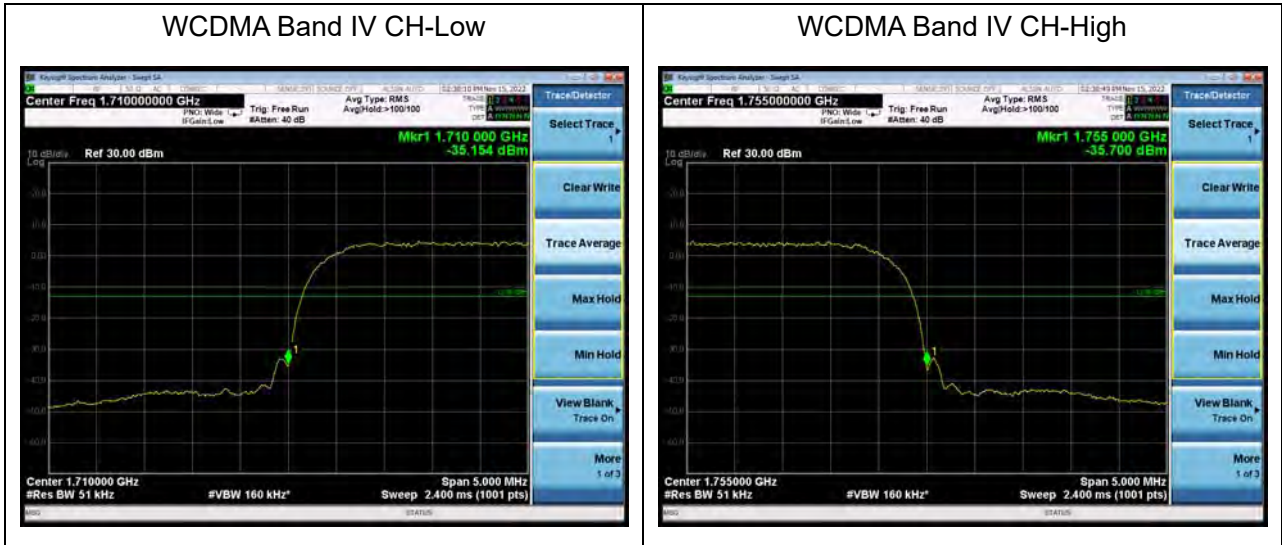


LTE Band 66 16QAM 20MHz CH-High



6.3 Band Edge Compliance

All the test traces in the plots shows the test results clearly.



LTE Band 4 QPSK 1.4MHz CH-Low, 1 RB



LTE Band 4 QPSK 1.4MHz CH-High, 1 RB



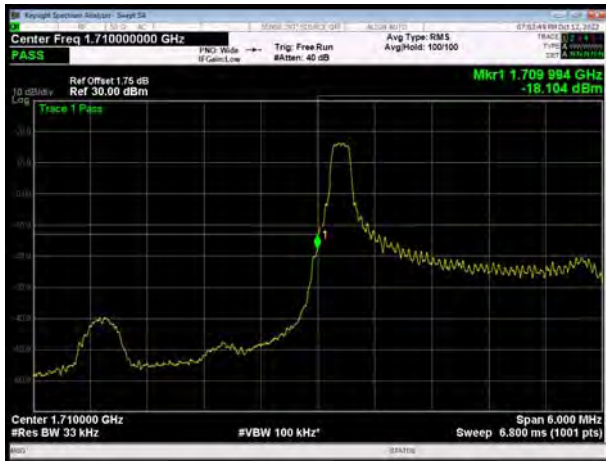
LTE Band 4 QPSK 1.4MHz CH-Low, 100%RB



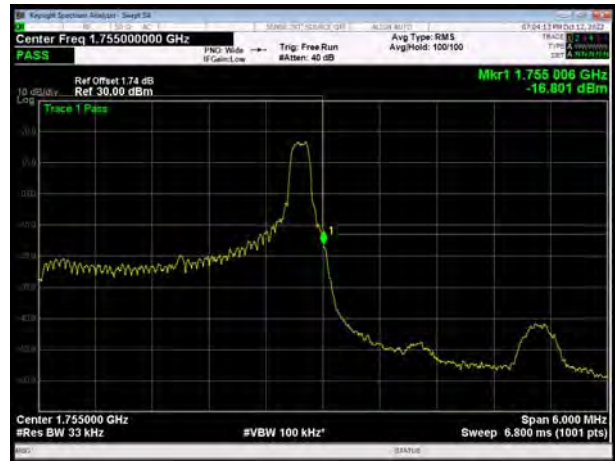
LTE Band 4 QPSK 1.4MHz CH-High, 100%RB



LTE Band 4 QPSK 3MHz CH-Low, 1 RB



LTE Band 4 QPSK 3MHz CH-High, 1 RB



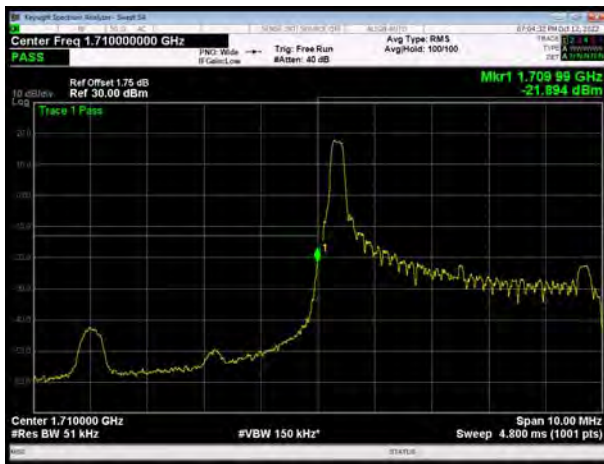
LTE Band 4 QPSK 3MHz CH-Low, 100%RB



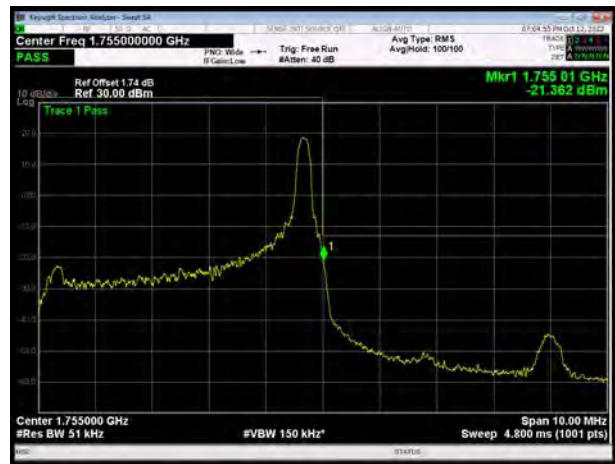
LTE Band 4 QPSK 3MHz CH-High, 100%RB



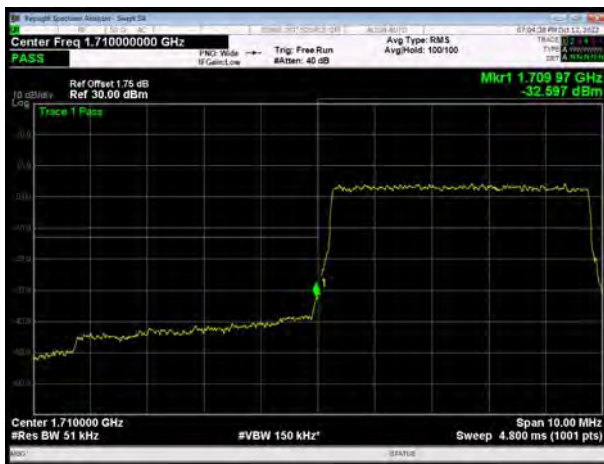
LTE Band 4 QPSK 5MHz CH-Low, 1 RB



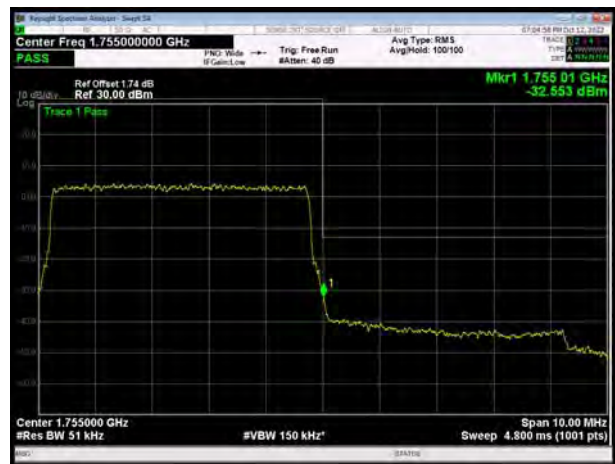
LTE Band 4 QPSK 5MHz CH-High, 1 RB



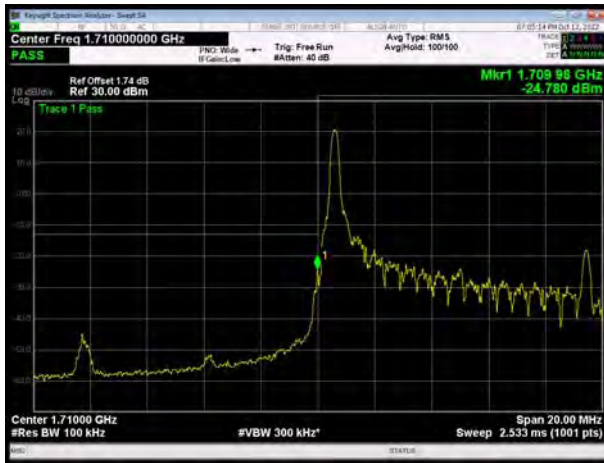
LTE Band 4 QPSK 5MHz CH-Low, 100%RB



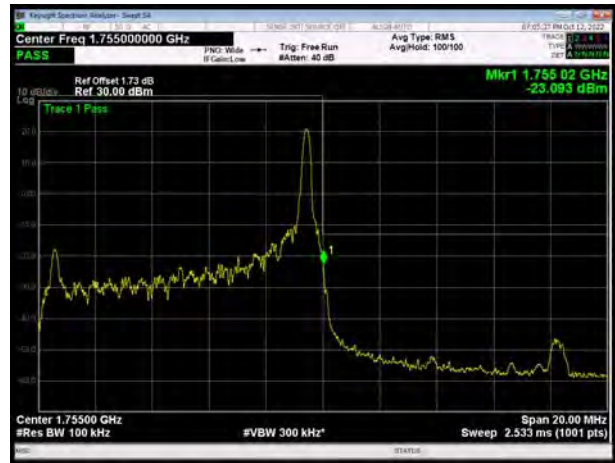
LTE Band 4 QPSK 5MHz CH-High, 100%RB



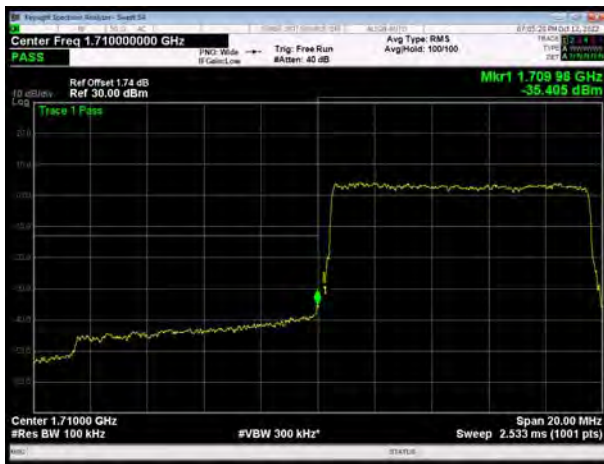
LTE Band 4 QPSK 10MHz CH-Low, 1 RB



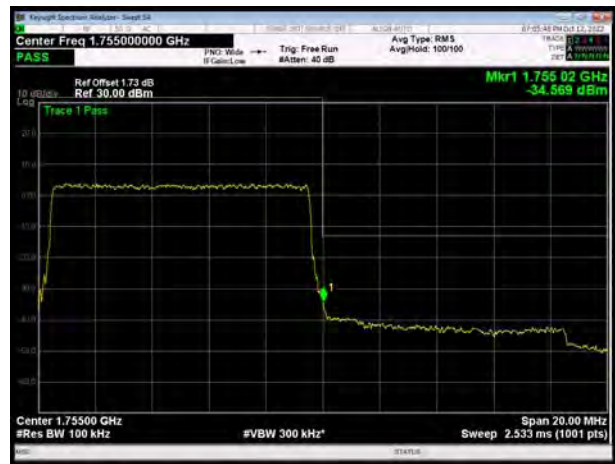
LTE Band 4 QPSK 10MHz CH-High, 1 RB



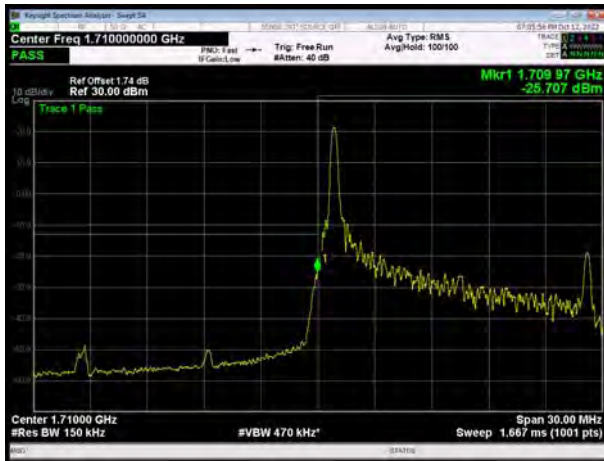
LTE Band 4 QPSK 10MHz CH-Low, 100%RB



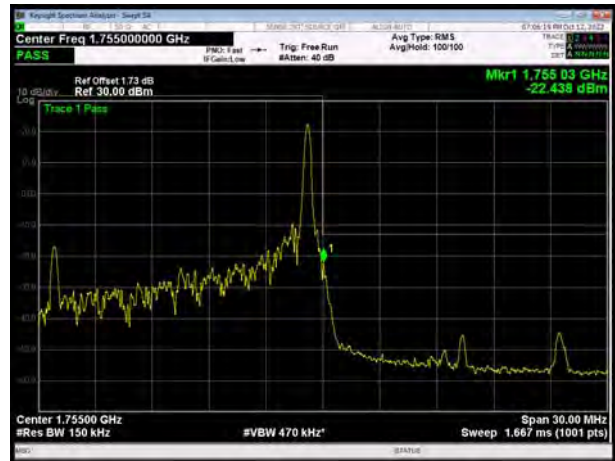
LTE Band 4 QPSK 10MHz CH-High, 100%RB



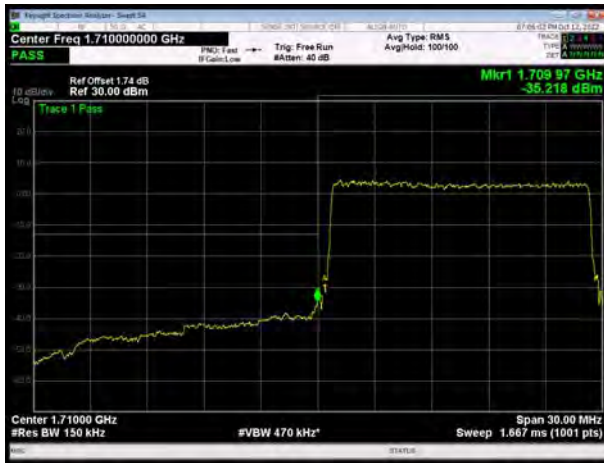
LTE Band 4 QPSK 15MHz CH-Low, 1 RB



LTE Band 4 QPSK 15MHz CH-High, 1 RB



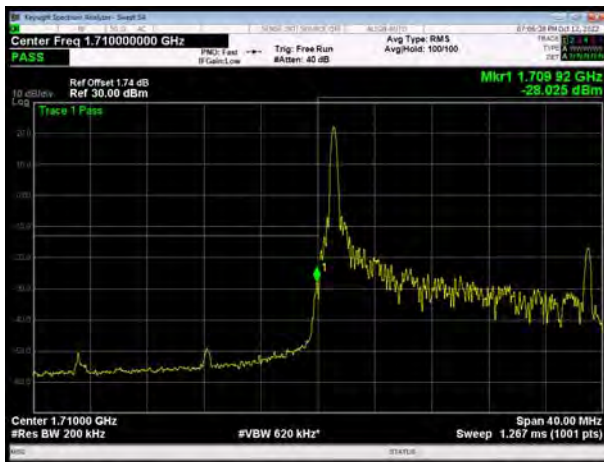
LTE Band 4 QPSK 15MHz CH-Low, 100%RB



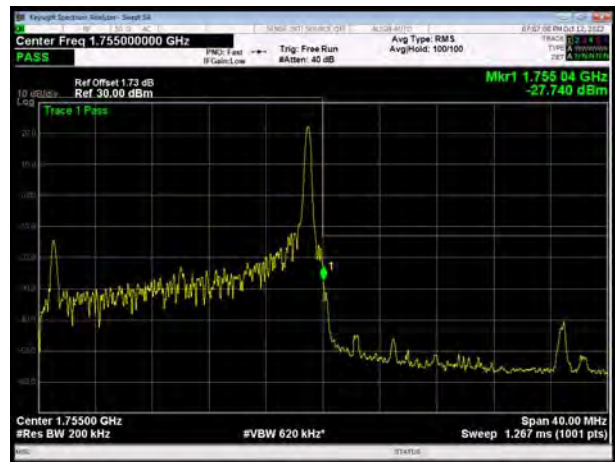
LTE Band 4 QPSK 15MHz CH-High, 100%RB



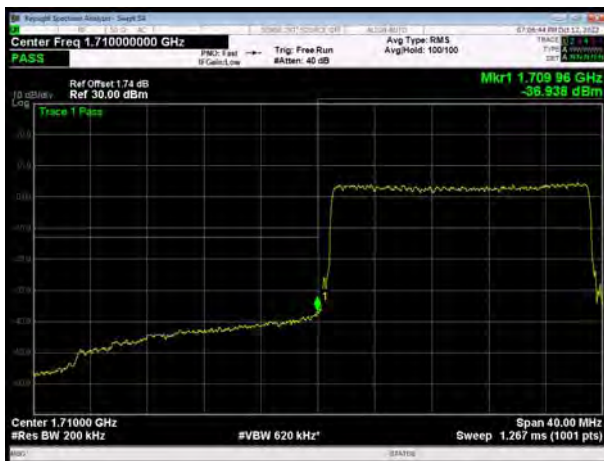
LTE Band 4 QPSK 20MHz CH-Low, 1 RB



LTE Band 4 QPSK 20MHz CH-High, 1 RB



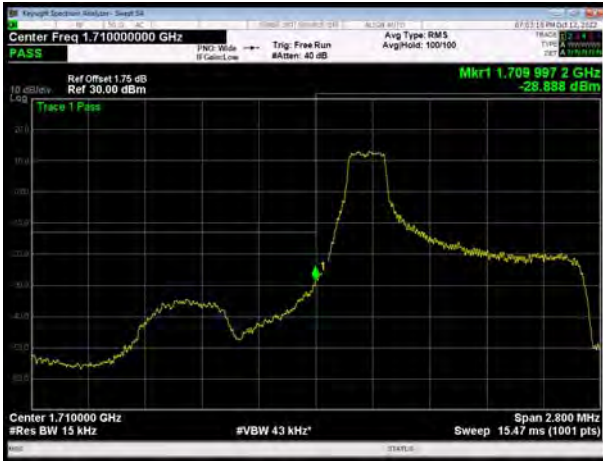
LTE Band 4 QPSK 20MHz CH-Low, 100%RB



LTE Band 4 QPSK 20MHz CH-High, 100%RB



LTE Band 4 16QAM 1.4MHz CH-Low, 1 RB



LTE Band 4 16QAM 1.4MHz CH-High, 1 RB



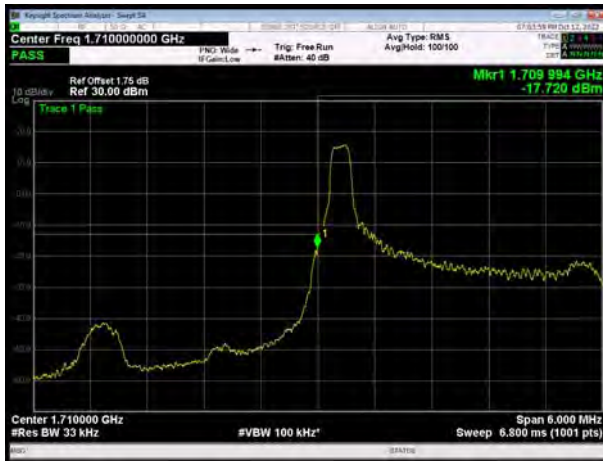
LTE Band 4 16QAM 1.4MHz CH-Low, 100%RB



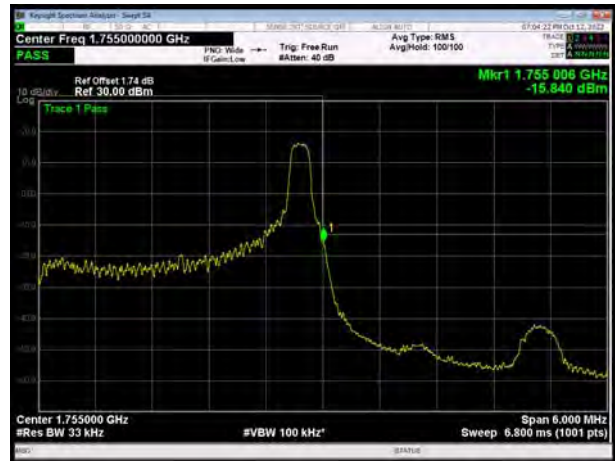
LTE Band 4 16QAM 1.4MHz CH-High, 100%RB



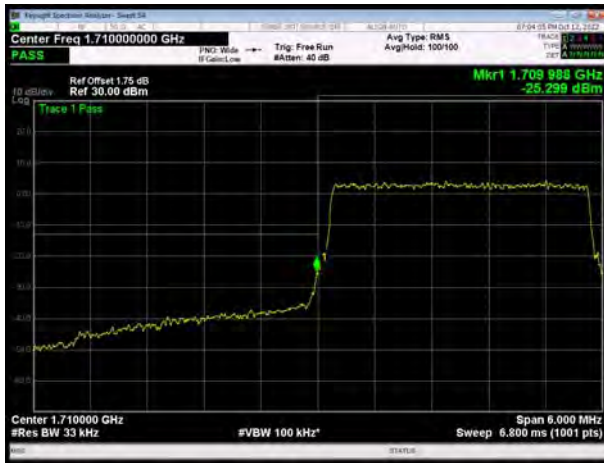
LTE Band 4 16QAM 3MHz CH-Low, 1 RB



LTE Band 4 16QAM 3MHz CH-High, 1 RB



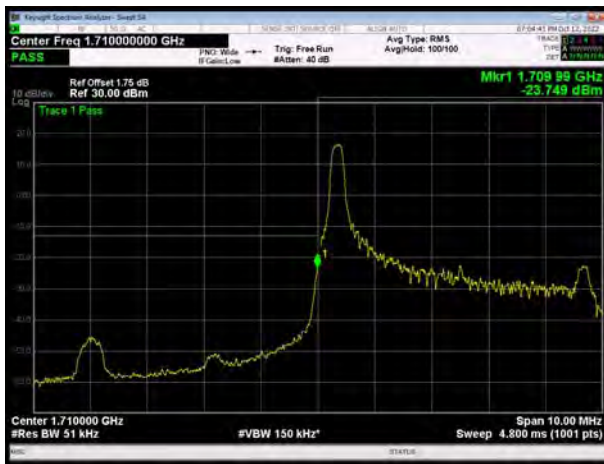
LTE Band 4 16QAM 3MHz CH-Low, 100%RB



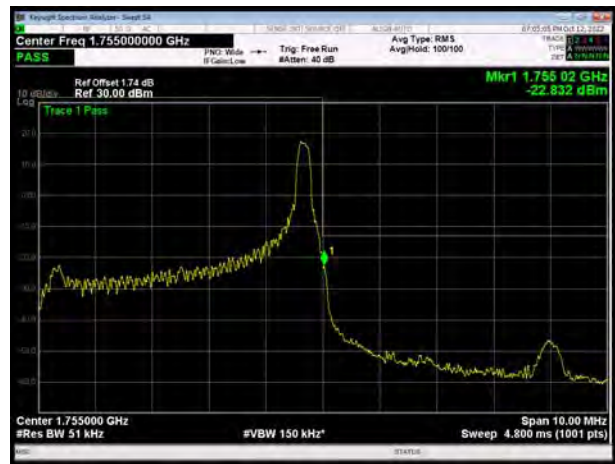
LTE Band 4 16QAM 3MHz CH-High, 100%RB



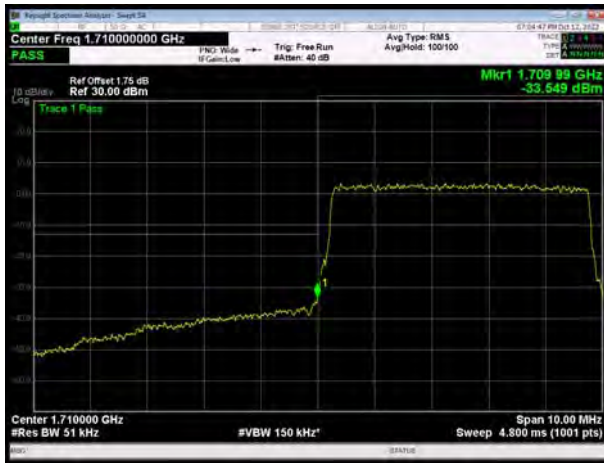
LTE Band 4 16QAM 5MHz CH-Low, 1 RB



LTE Band 4 16QAM 5MHz CH-High, 1 RB



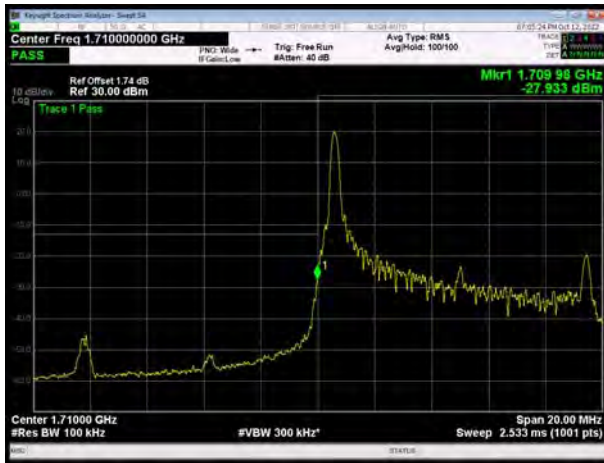
LTE Band 4 16QAM 5MHz CH-Low, 100%RB



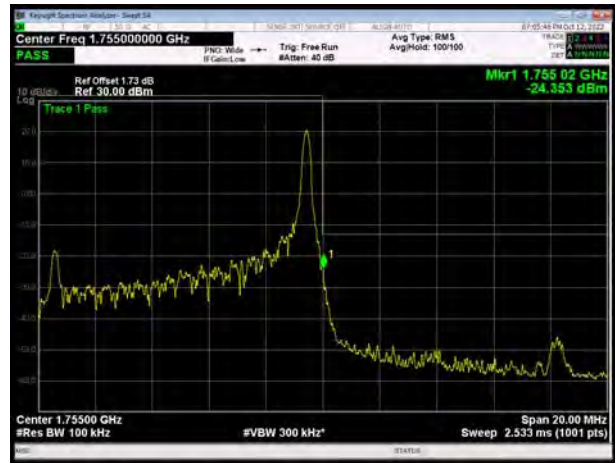
LTE Band 4 16QAM 5MHz CH-High, 100%RB



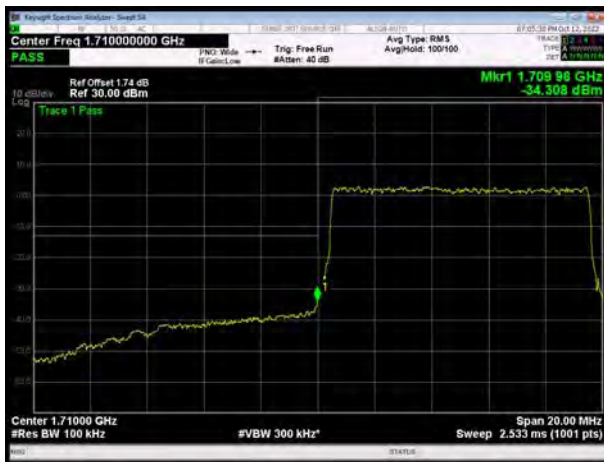
LTE Band 4 16QAM 10MHz CH-Low, 1 RB



LTE Band 4 16QAM 10MHz CH-High, 1 RB



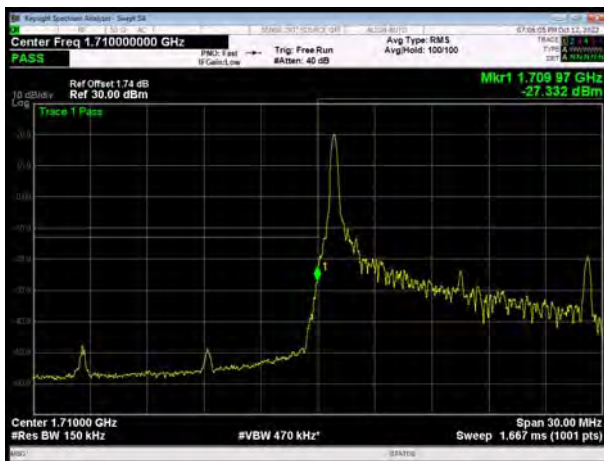
LTE Band 4 16QAM 10MHz CH-Low, 100%RB



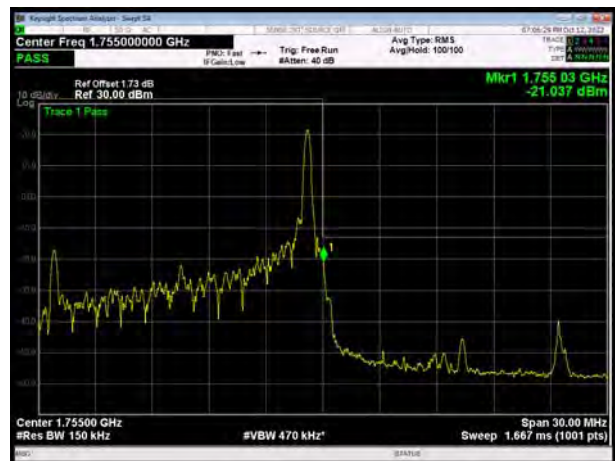
LTE Band 4 16QAM 10MHz CH-High, 100%RB



LTE Band 4 16QAM 15MHz CH-Low, 1 RB



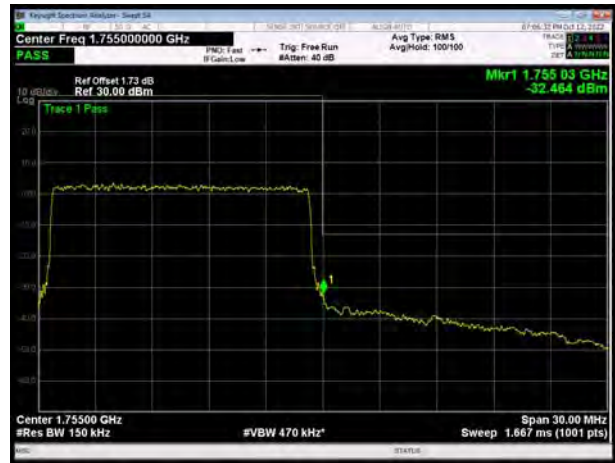
LTE Band 4 16QAM 15MHz CH-High, 1 RB



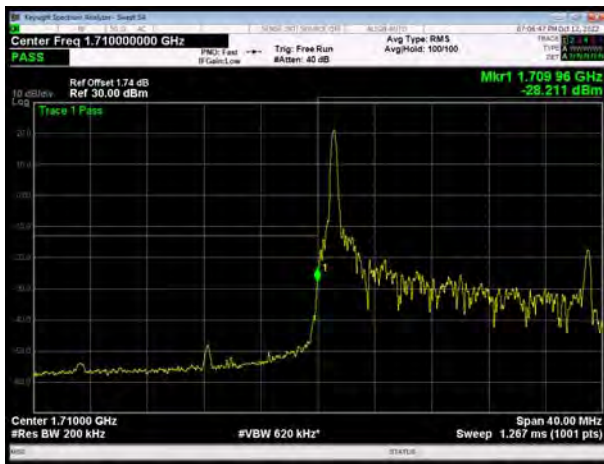
LTE Band 4 16QAM 15MHz CH-Low, 100%RB



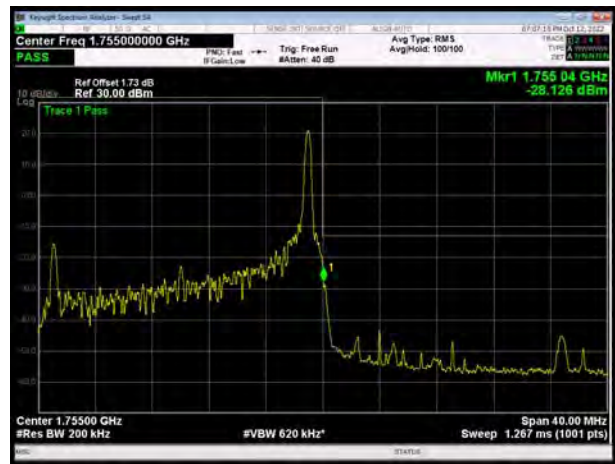
LTE Band 4 16QAM 15MHz CH-High, 100%RB



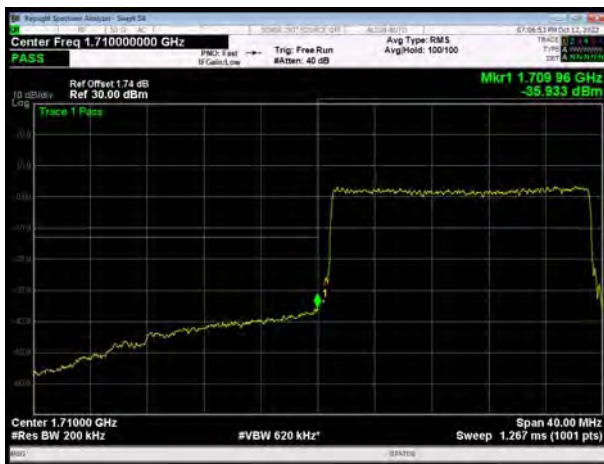
LTE Band 4 16QAM 20MHz CH-Low, 1 RB



LTE Band 4 16QAM 20MHz CH-High, 1 RB



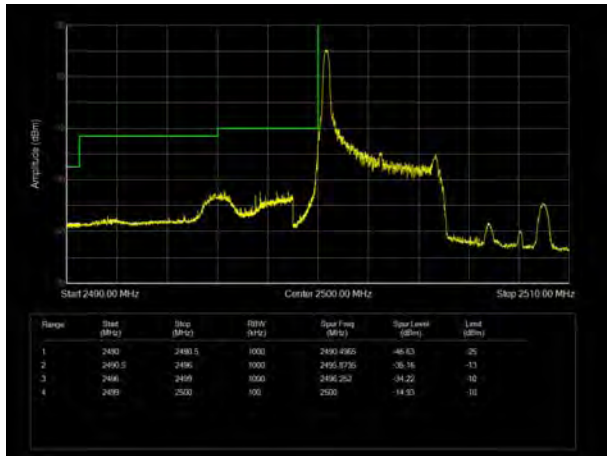
LTE Band 4 16QAM 20MHz CH-Low, 100%RB



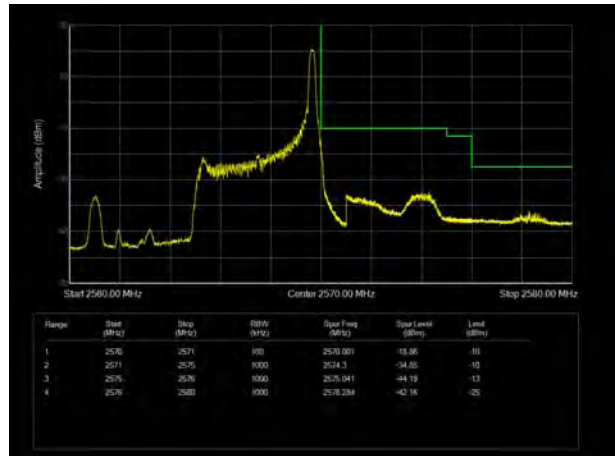
LTE Band 4 16QAM 20MHz CH-High, 100%RB



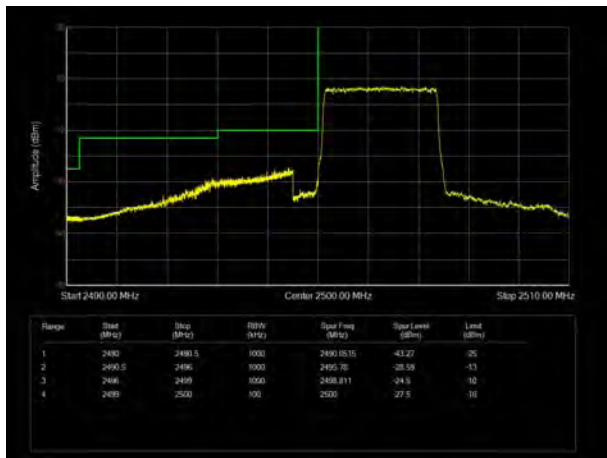
LTE Band 7 QPSK 5MHz CH-Low, 1 RB



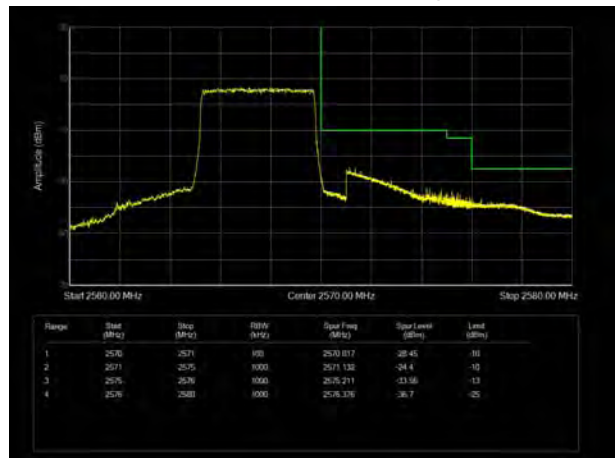
LTE Band 7 QPSK 5MHz CH-High, 1 RB



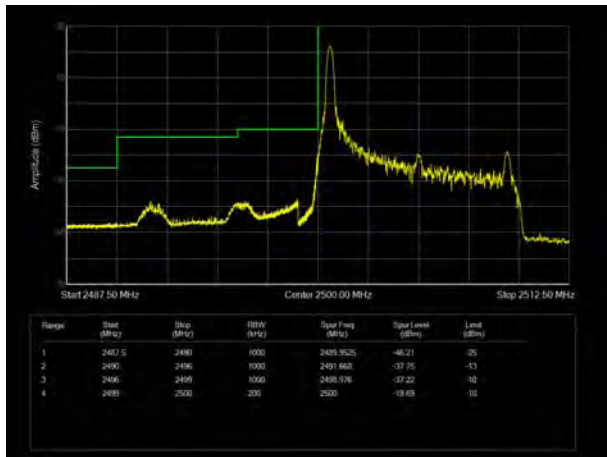
LTE Band 7 QPSK 5MHz CH-Low, 100%RB



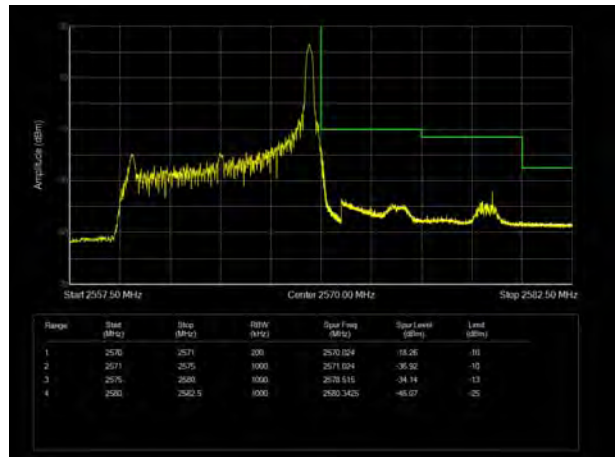
LTE Band 7 QPSK 5MHz CH-High, 100%RB



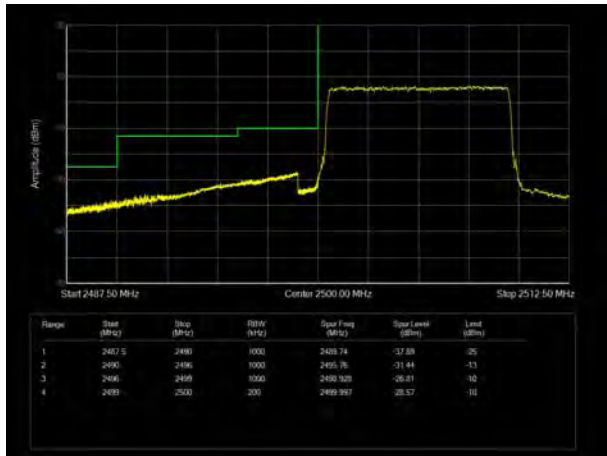
LTE Band 7 QPSK 10MHz CH-Low, 1 RB



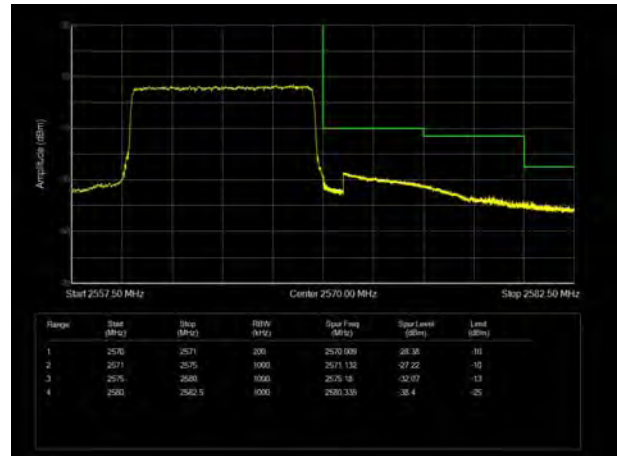
LTE Band 7 QPSK 10MHz CH-High, 1 RB



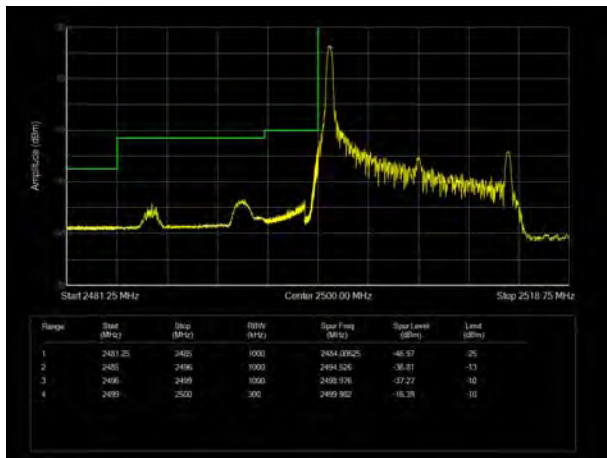
LTE Band 7 QPSK 10MHz CH-Low, 100%RB



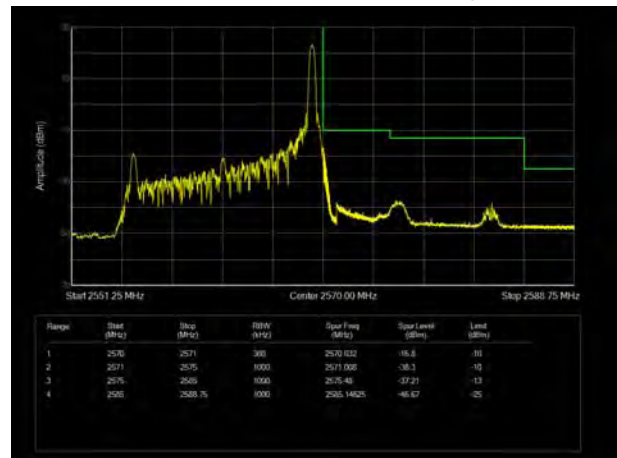
LTE Band 7 QPSK 10MHz CH-High, 100%RB



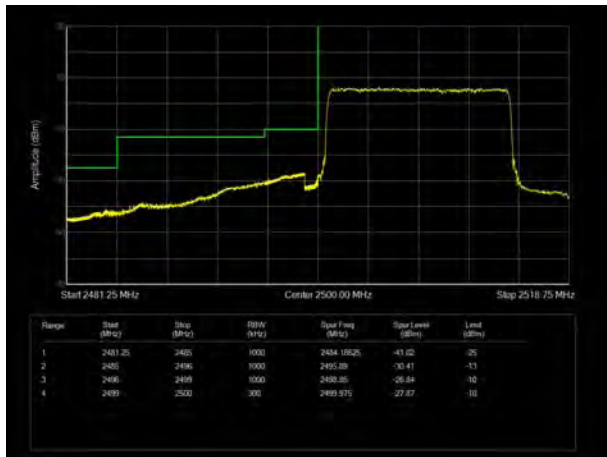
LTE Band 7 QPSK 15MHz CH-Low, 1 RB



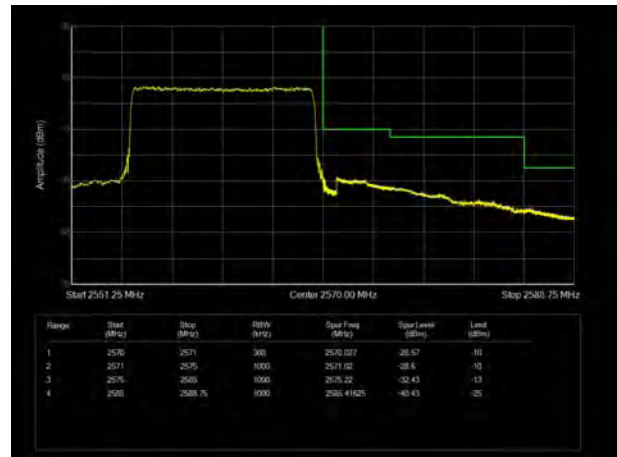
LTE Band 7 QPSK 15MHz CH-High, 1 RB



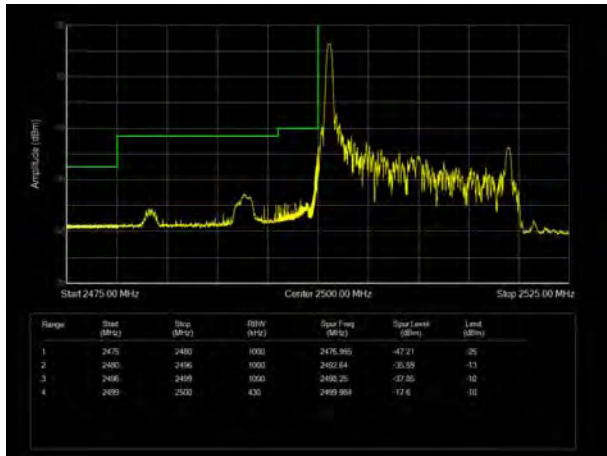
LTE Band 7 QPSK 15MHz CH-Low, 100%RB



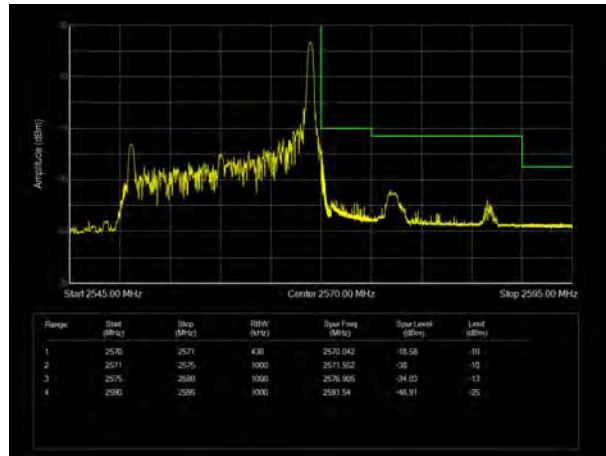
LTE Band 7 QPSK 15MHz CH-High, 100%RB



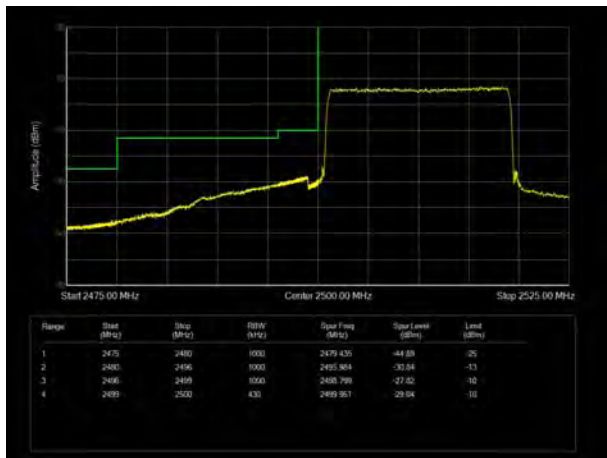
LTE Band 7 QPSK 20MHz CH-Low, 1 RB



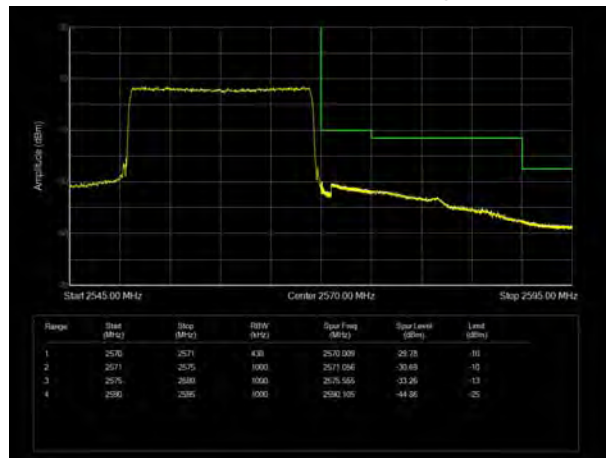
LTE Band 7 QPSK 20MHz CH-High, 1 RB



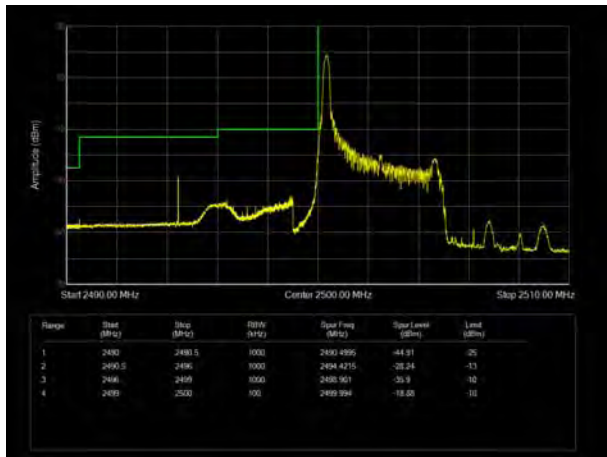
LTE Band 7 QPSK 20MHz CH-Low, 100%RB



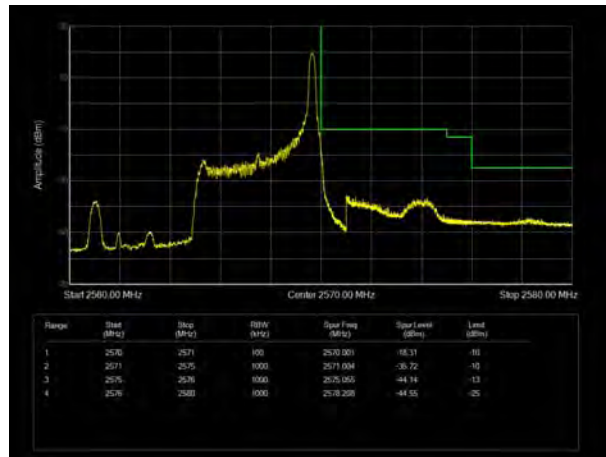
LTE Band 7 QPSK 20MHz CH-High, 100%RB



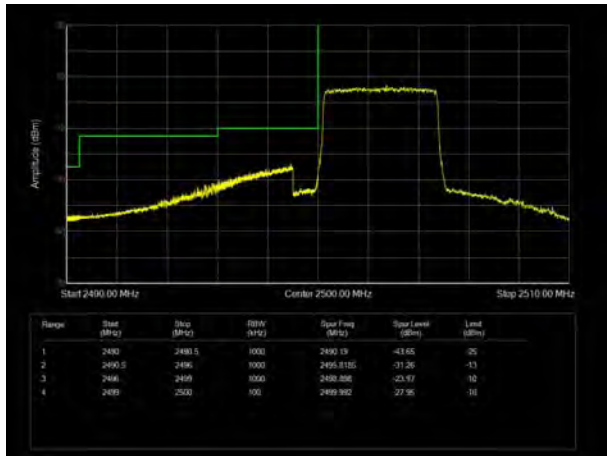
LTE Band 7 16QAM 5MHz CH-Low, 1 RB



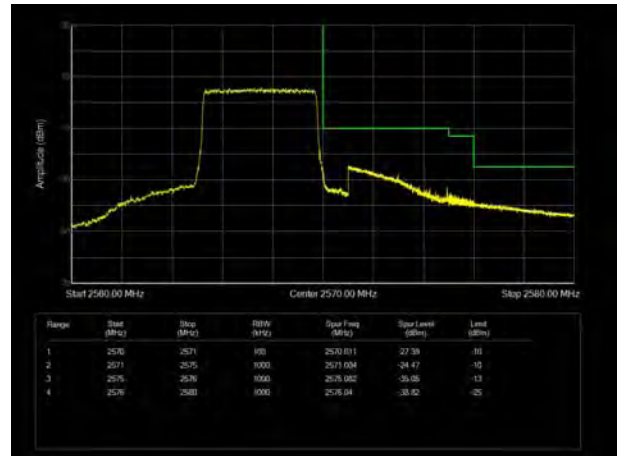
LTE Band 7 16QAM 5MHz CH-High, 1 RB



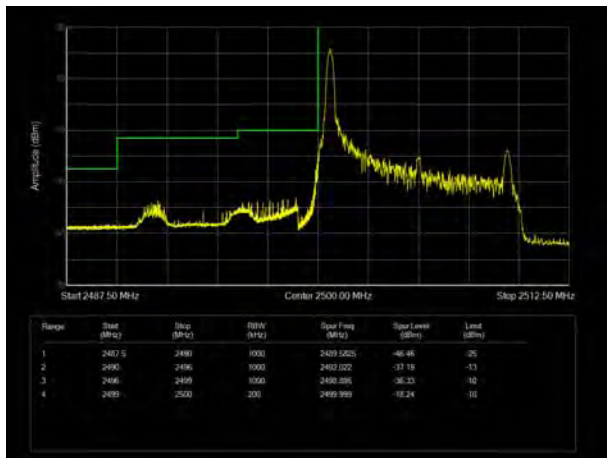
LTE Band 7 16QAM 5MHz CH-Low, 100%RB



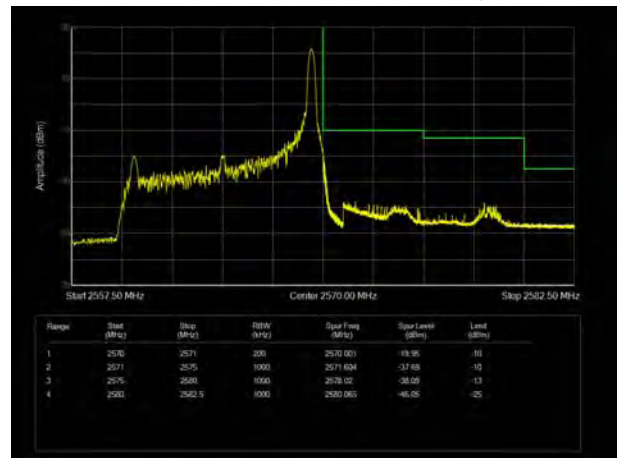
LTE Band 7 16QAM 5MHz CH-High, 100%RB



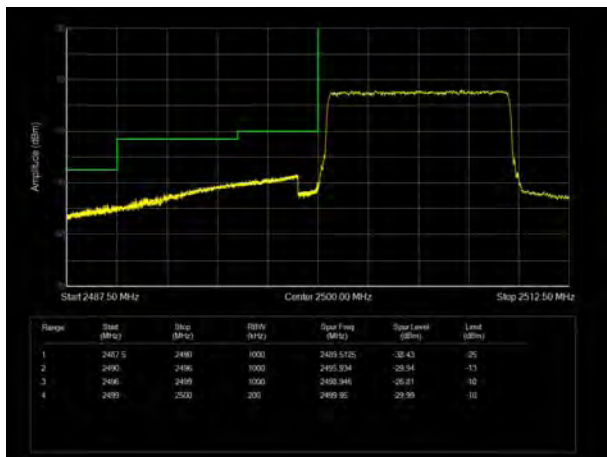
LTE Band 7 16QAM 10MHz CH-Low, 1 RB



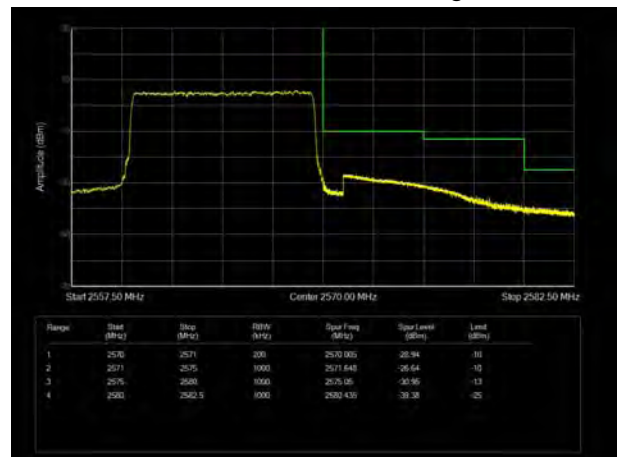
LTE Band 7 16QAM 10MHz CH-High, 1 RB



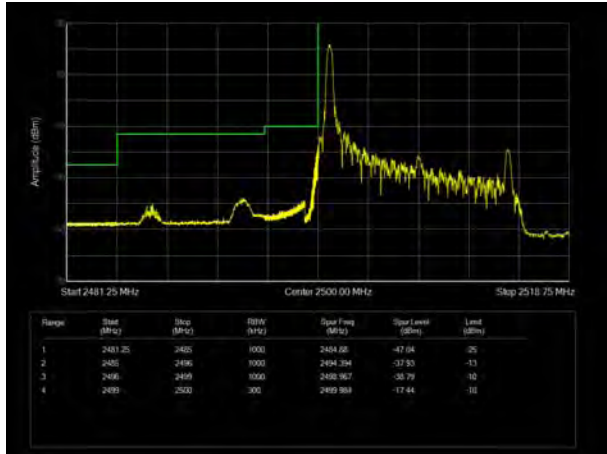
LTE Band 7 16QAM 10MHz CH-Low, 100%RB



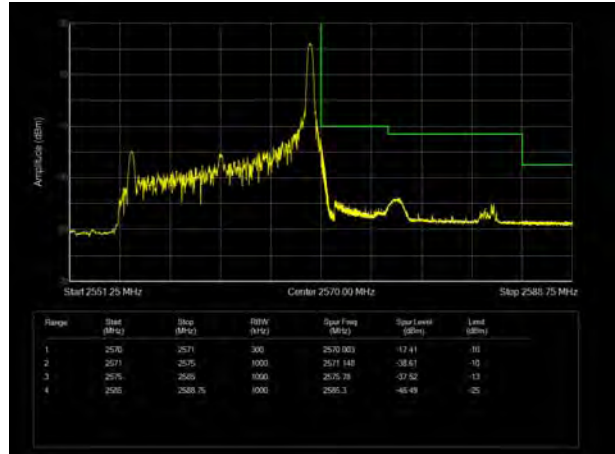
LTE Band 7 16QAM 10MHz CH-High, 100%RB



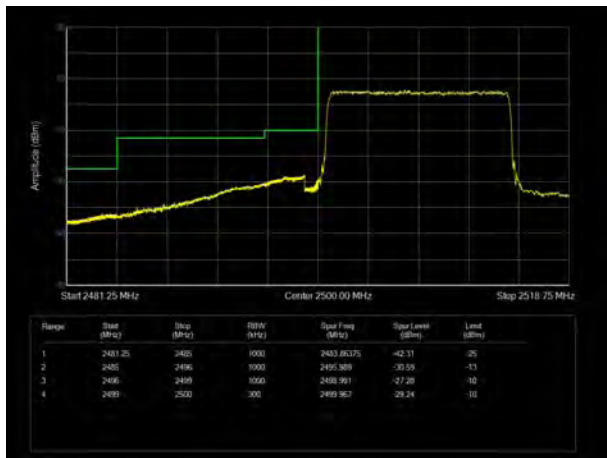
LTE Band 7 16QAM 15MHz CH-Low, 1 RB



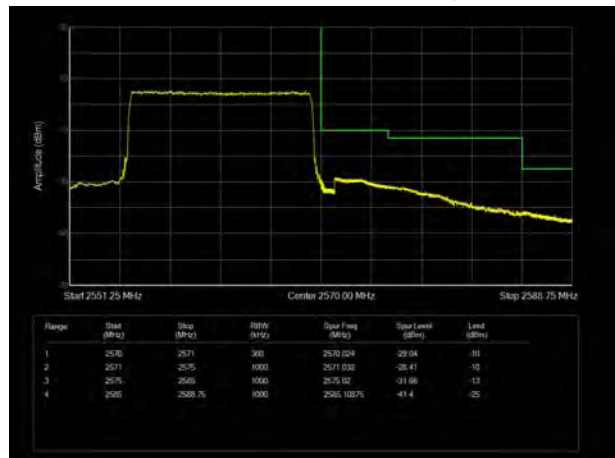
LTE Band 7 16QAM 15MHz CH-High, 1 RB



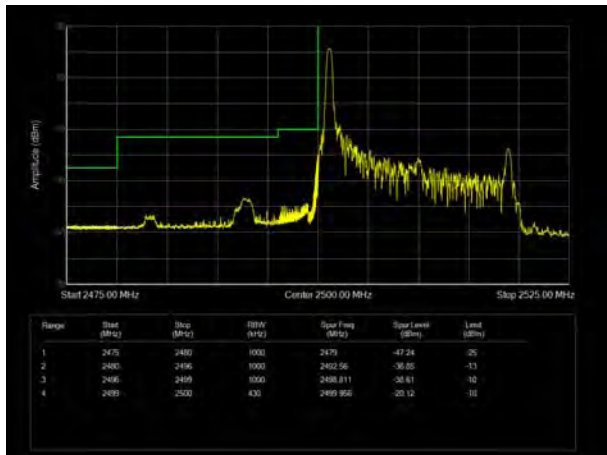
LTE Band 7 16QAM 15MHz CH-Low, 100%RB



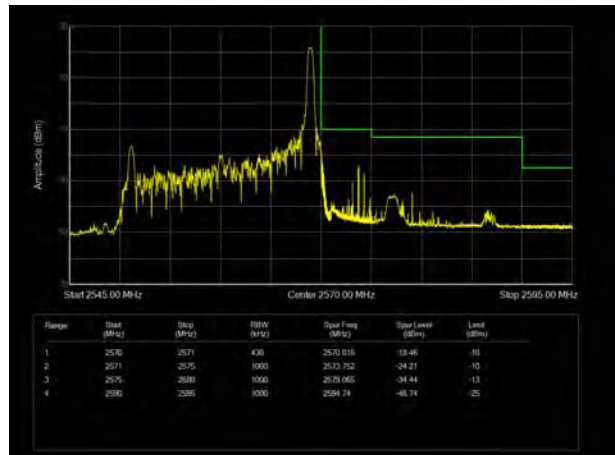
LTE Band 7 16QAM 15MHz CH-High, 100%RB



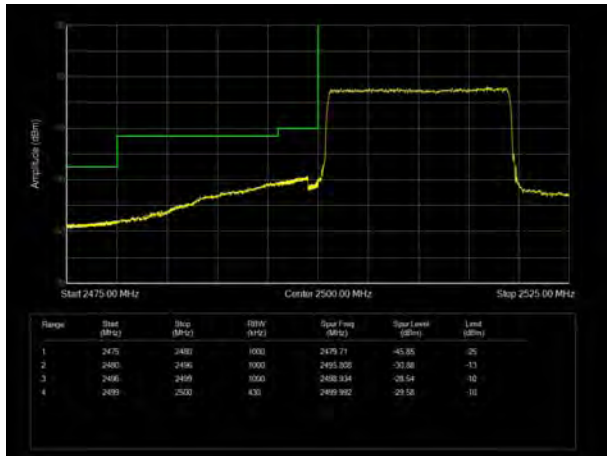
LTE Band 7 16QAM 20MHz CH-Low, 1 RB



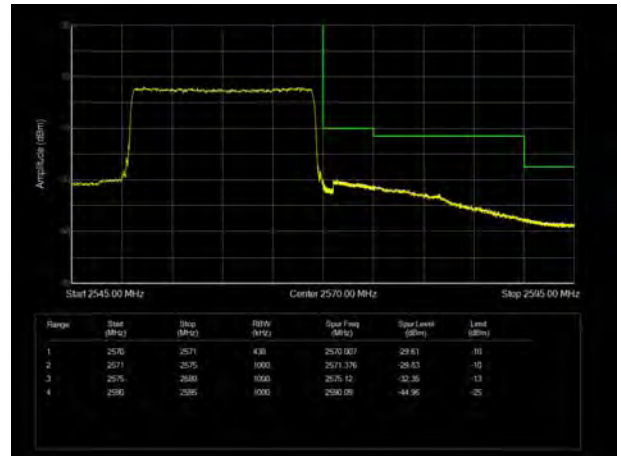
LTE Band 7 16QAM 20MHz CH-High, 1 RB



LTE Band 7 16QAM 20MHz CH-Low, 100%RB



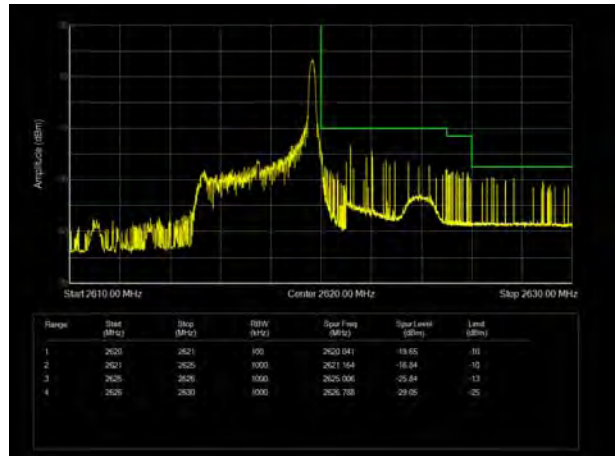
LTE Band 7 16QAM 20MHz CH-High, 100%RB



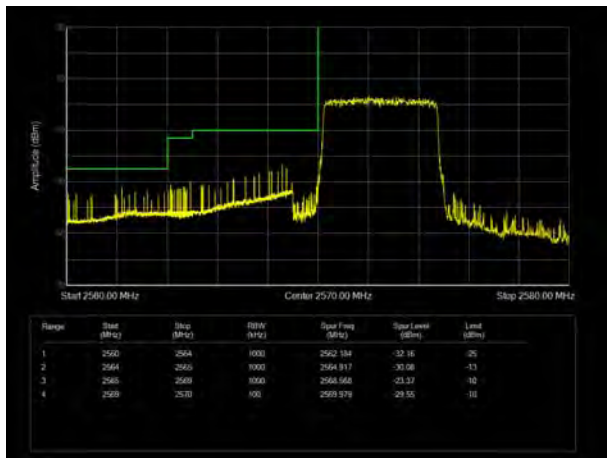
LTE Band 38 QPSK 5MHz CH-Low, 1 RB



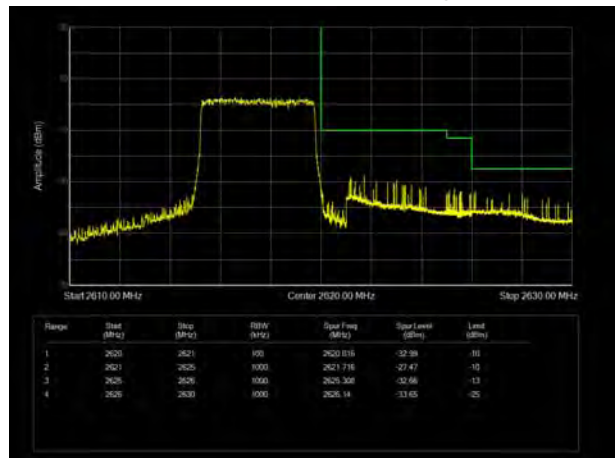
LTE Band 38 QPSK 5MHz CH-High, 1 RB



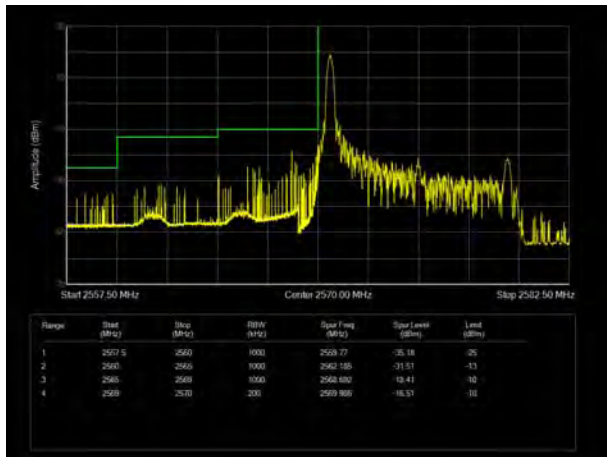
LTE Band 38 QPSK 5MHz CH-Low, 100%RB



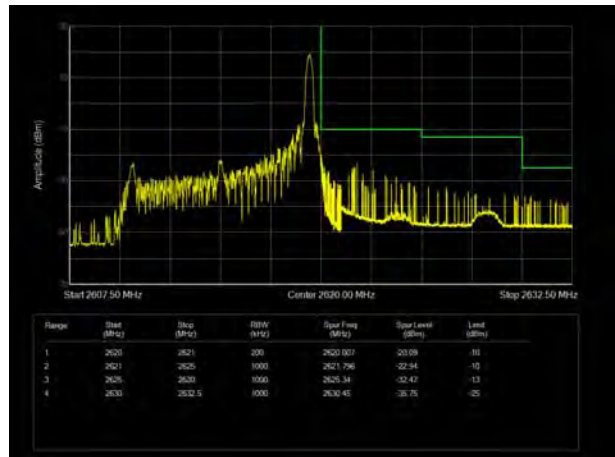
LTE Band 38 QPSK 5MHz CH-High, 100%RB



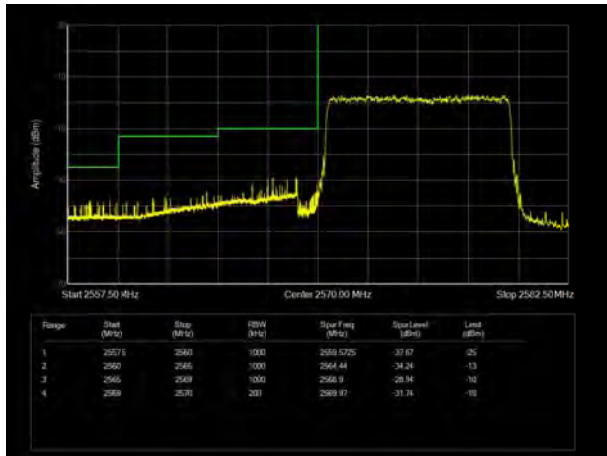
LTE Band 38 QPSK 10MHz CH-Low, 1 RB



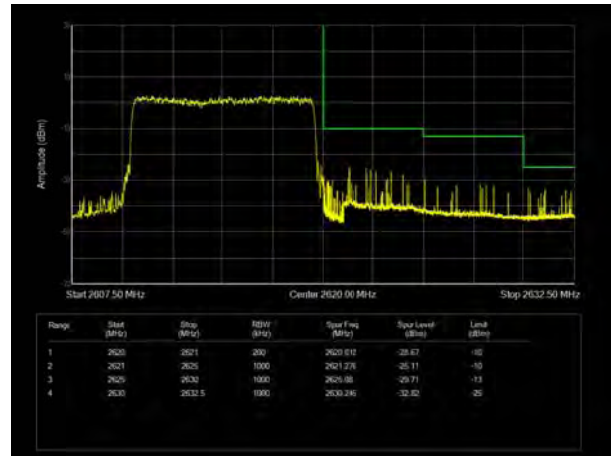
LTE Band 38 QPSK 10MHz CH-High, 1 RB



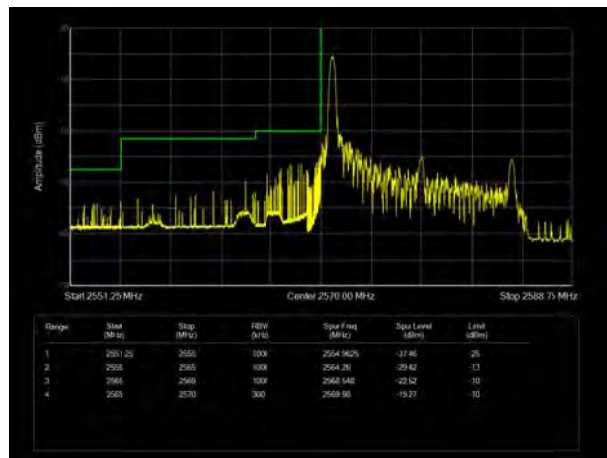
LTE Band 38 QPSK 10MHz CH-Low, 100%RB



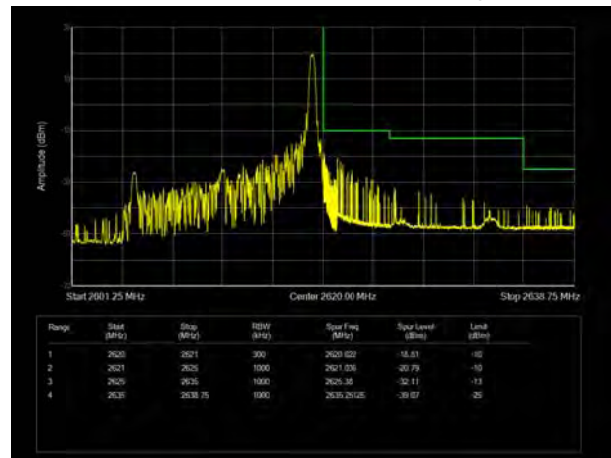
LTE Band 38 QPSK 10MHz CH-High, 100%RB



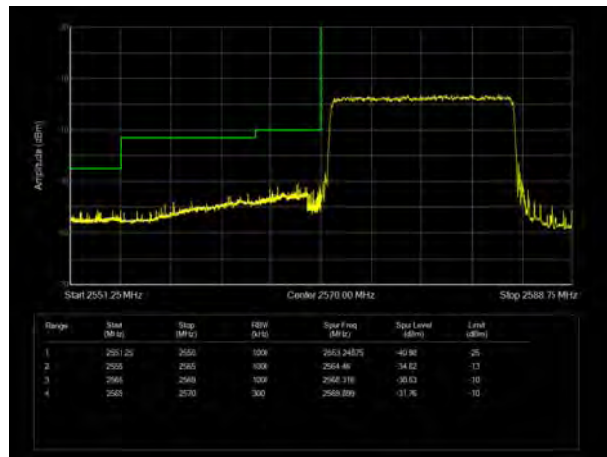
LTE Band 38 QPSK 15MHz CH-Low, 1 RB



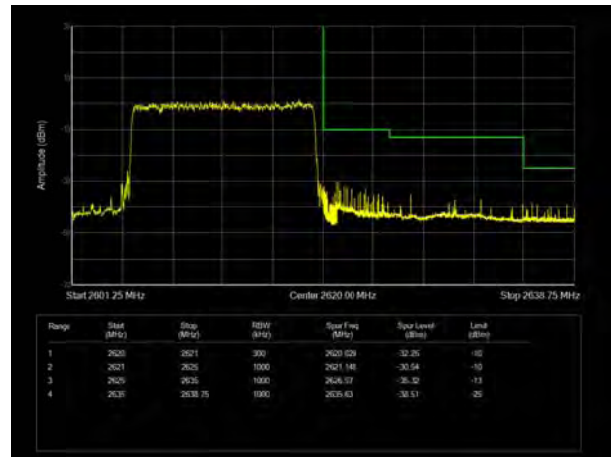
LTE Band 38 QPSK 15MHz CH-High, 1 RB



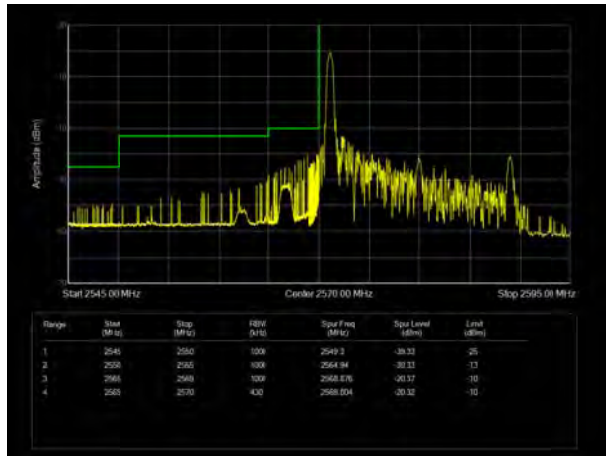
LTE Band 38 QPSK 15MHz CH-Low, 100%RB



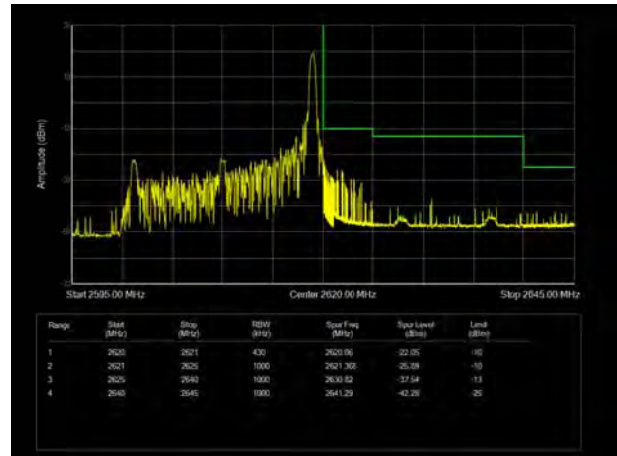
LTE Band 38 QPSK 15MHz CH-High, 100%RB



LTE Band 38 QPSK 20MHz CH-Low, 1 RB



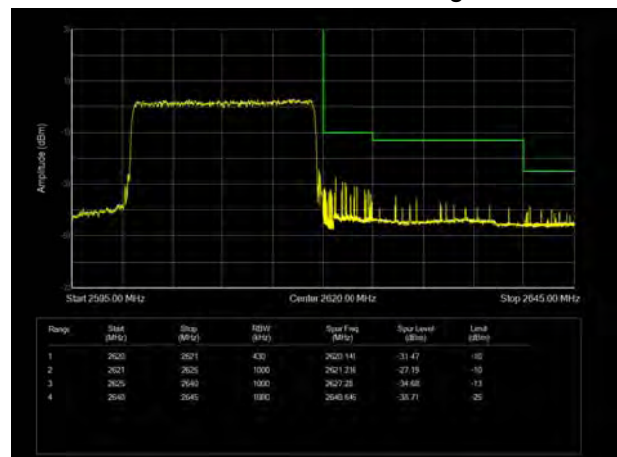
LTE Band 38 QPSK 20MHz CH-High, 1 RB



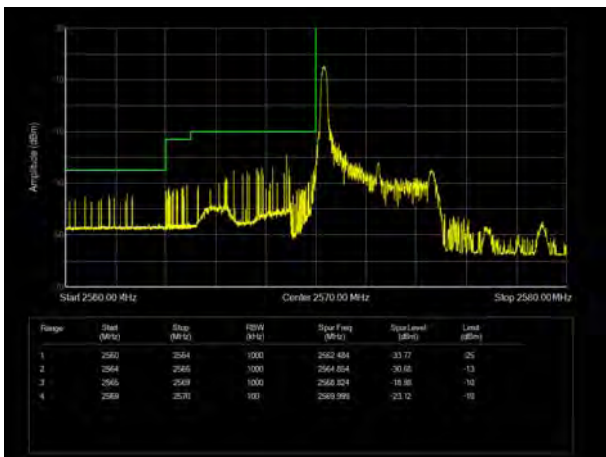
LTE Band 38 QPSK 20MHz CH-Low, 100%RB



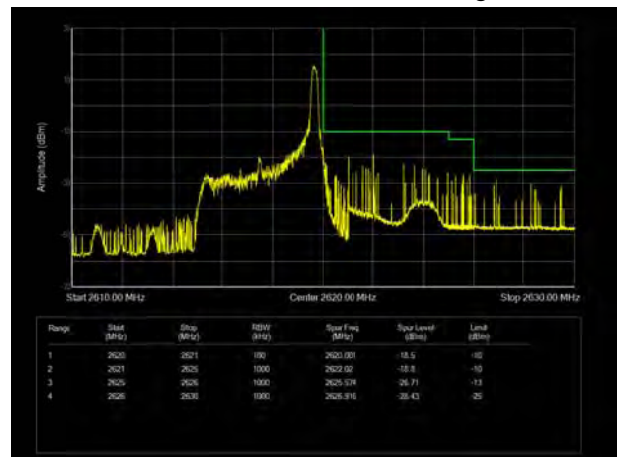
LTE Band 38 QPSK 20MHz CH-High, 100%RB



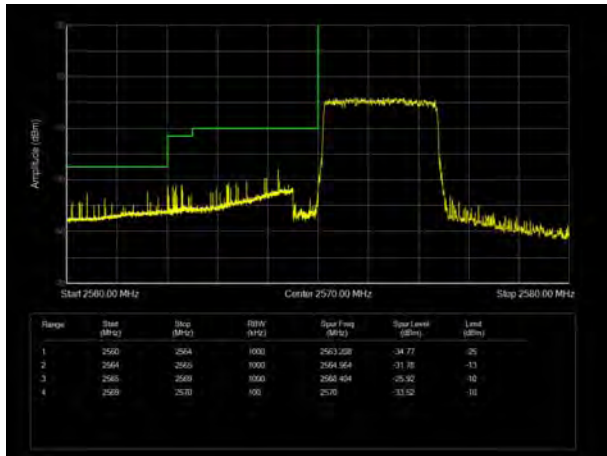
LTE Band 38 16QAM 5MHz CH-Low, 1 RB



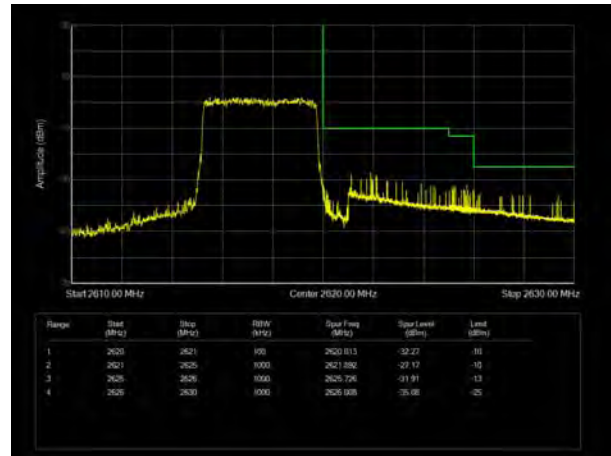
LTE Band 38 16QAM 5MHz CH-High, 1 RB



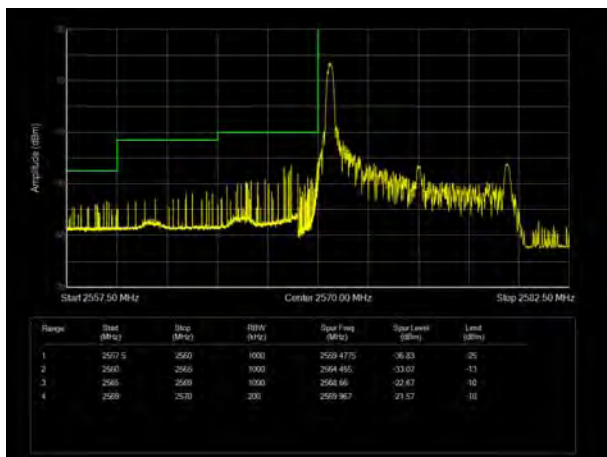
LTE Band 38 16QAM 5MHz CH-Low, 100%RB



LTE Band 38 16QAM 5MHz CH-High, 100%RB



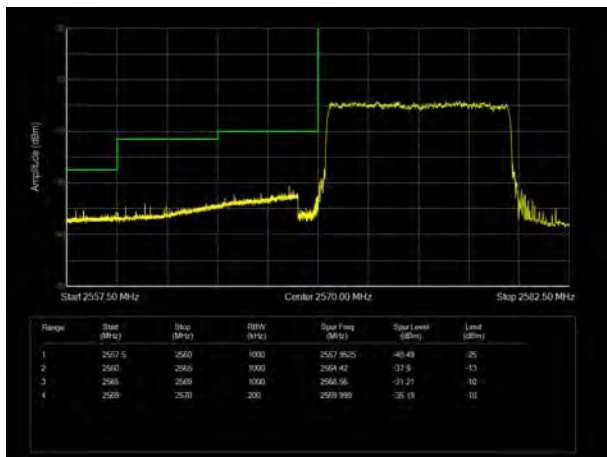
LTE Band 38 16QAM 10MHz CH-Low, 1 RB



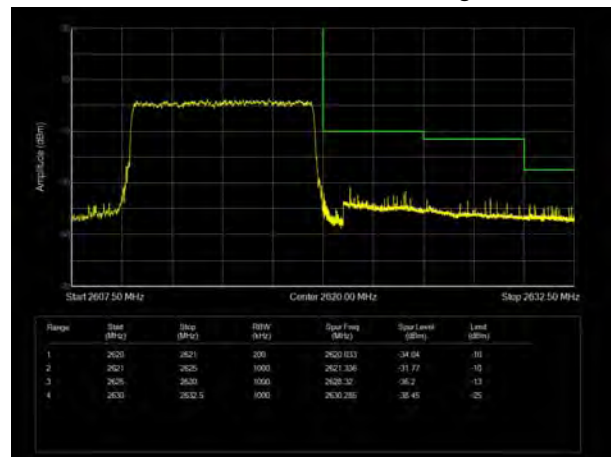
LTE Band 38 16QAM 10MHz CH-High, 1 RB



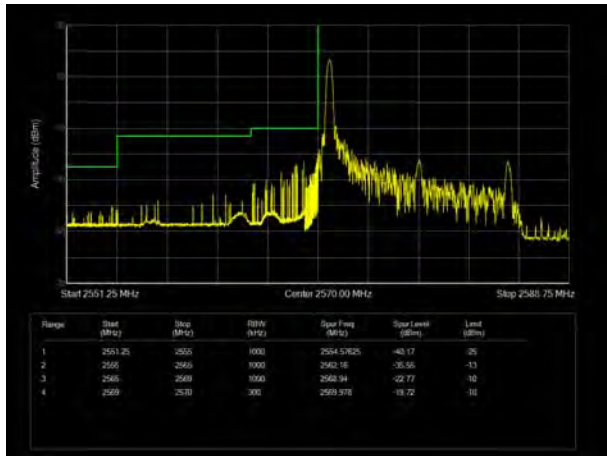
LTE Band 38 16QAM 10MHz CH-Low, 100%RB



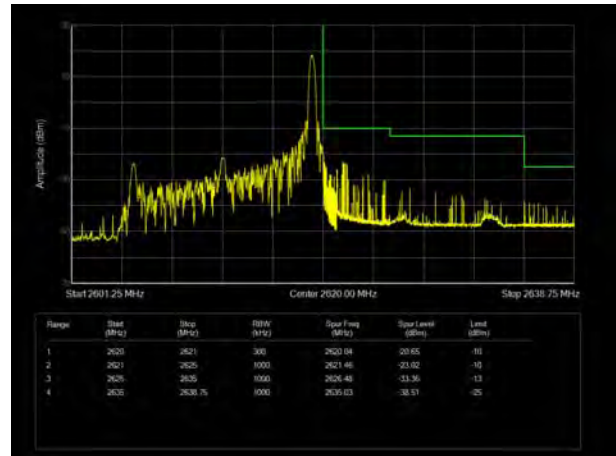
LTE Band 38 16QAM 10MHz CH-High, 100%RB



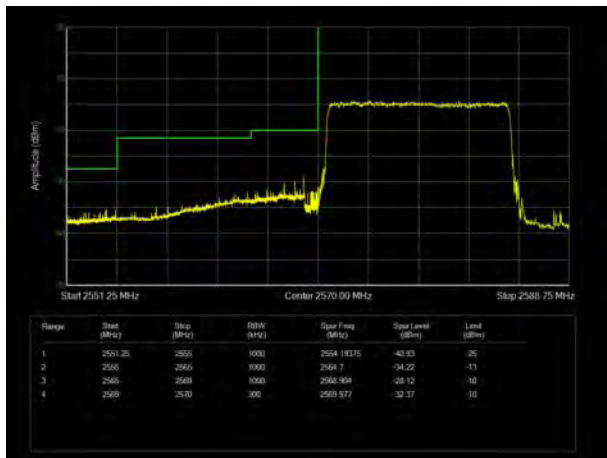
LTE Band 38 16QAM 15MHz CH-Low, 1 RB



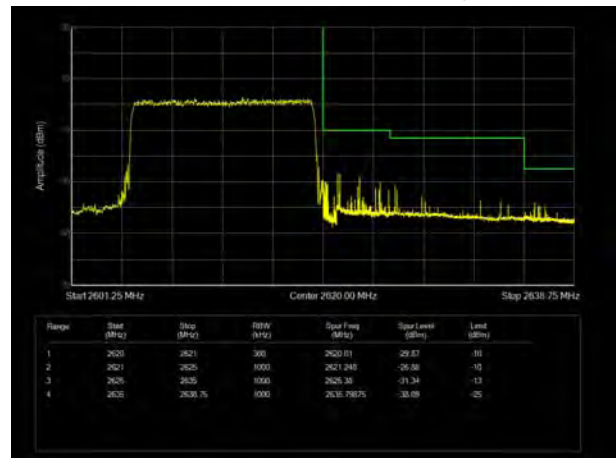
LTE Band 38 16QAM 15MHz CH-High, 1 RB



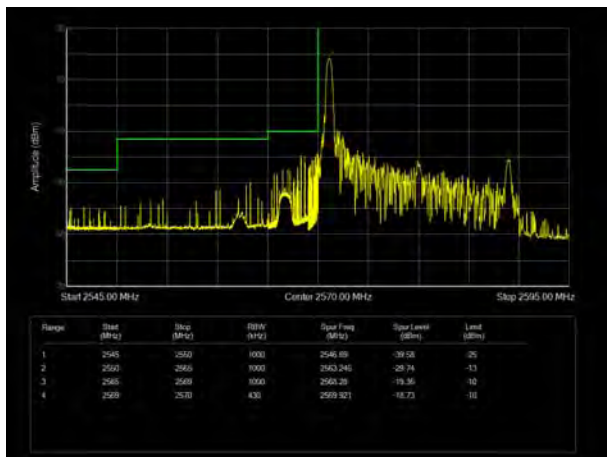
LTE Band 38 16QAM 15MHz CH-Low, 100%RB



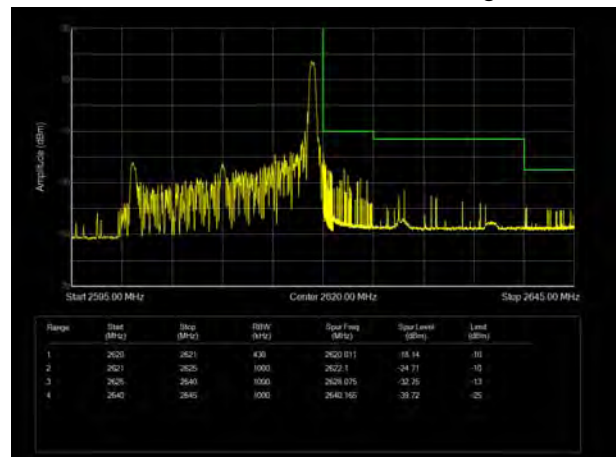
LTE Band 38 16QAM 15MHz CH-High, 100%RB



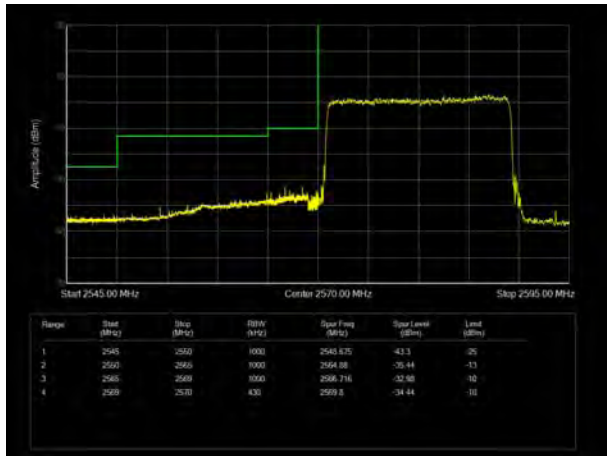
LTE Band 38 16QAM 20MHz CH-Low, 1 RB



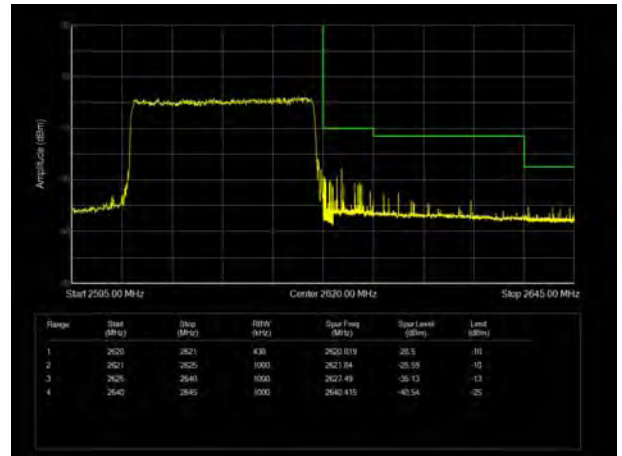
LTE Band 38 16QAM 20MHz CH-High, 1 RB



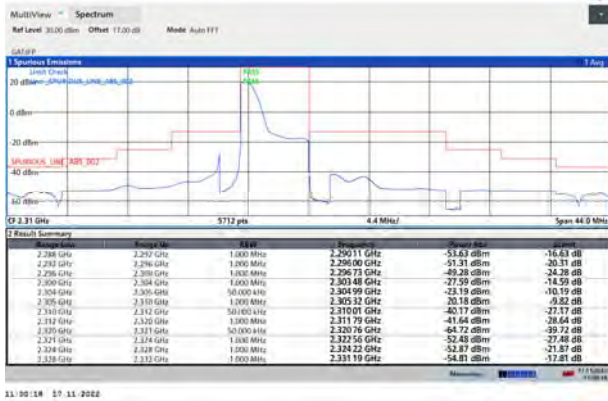
LTE Band 38 16QAM 20MHz CH-Low, 100%RB



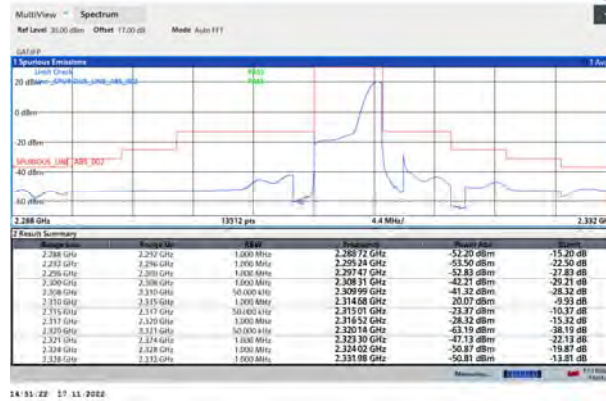
LTE Band 38 16QAM 20MHz CH-High, 100%RB



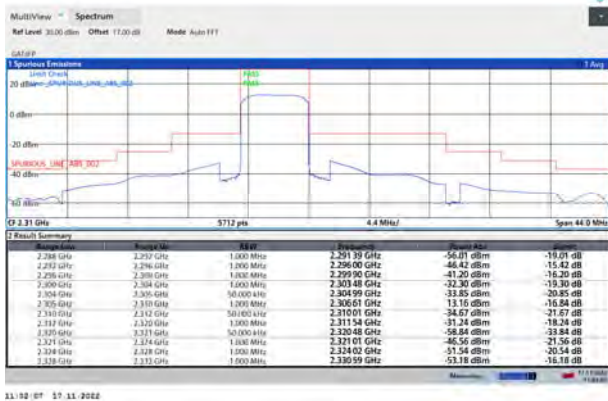
LTE Band 40 Subset 1 QPSK 5MHz CH-Low, 1 RB



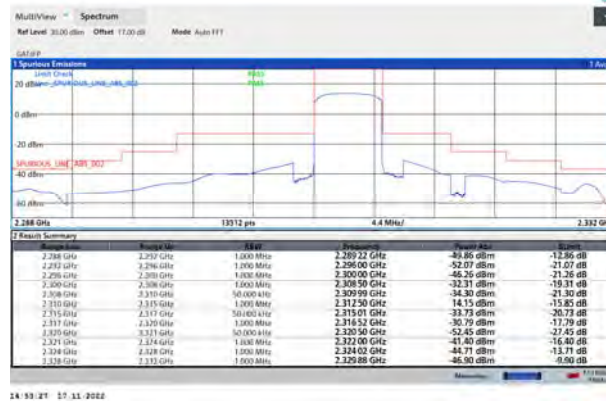
LTE Band 40 Subset 1 QPSK 5MHz CH-High, 1 RB



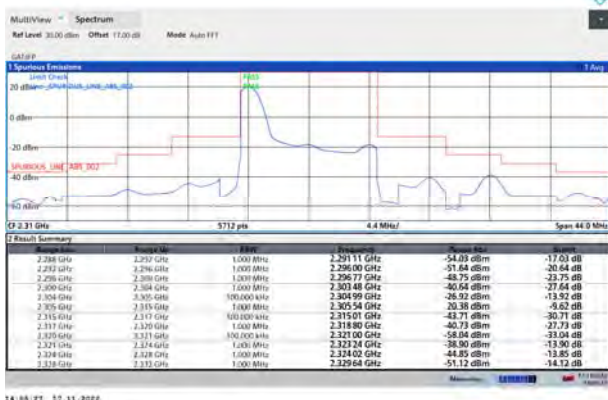
LTE Band 40 Subset 1 QPSK 5MHz CH-Low, 100%RB



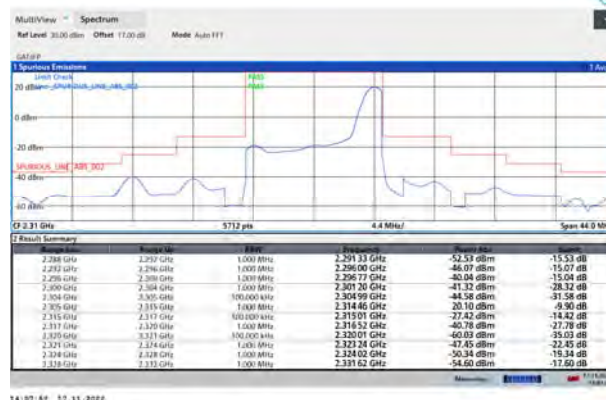
LTE Band 40 Subset 1 QPSK 5MHz CH-High, 100%RB



LTE Band 40 Subset 1 QPSK 10MHz CH-Low, 1 RB



LTE Band 40 Subset 1 QPSK 10MHz CH-High, 1 RB

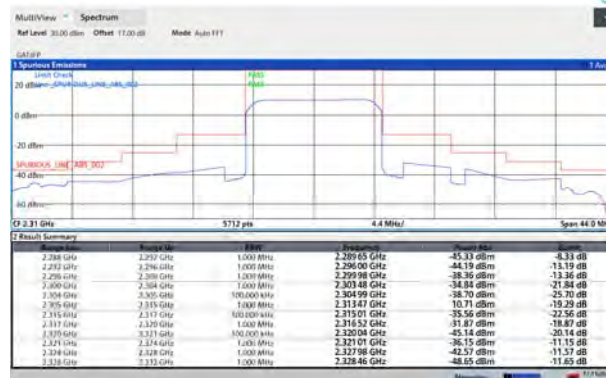
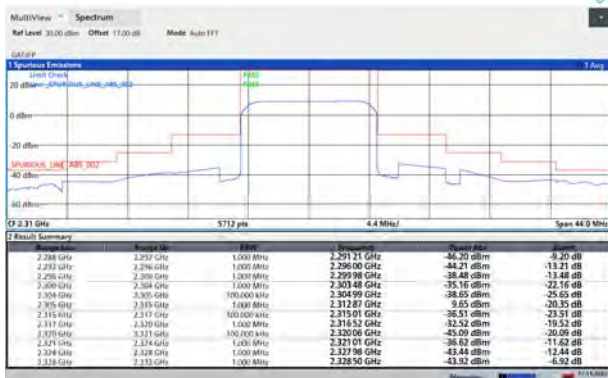


RF Test Report

Report No.: R2209A0873-R3V2

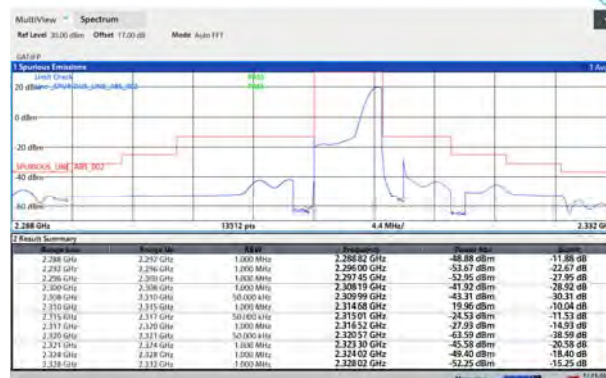
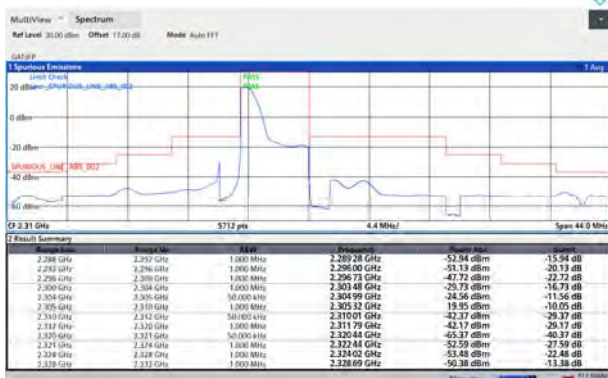
LTE Band 40 Subset 1 QPSK 10MHz CH-Low, 100%RB

LTE Band 40 Subset 1 QPSK 10MHz CH-High, 100%RB



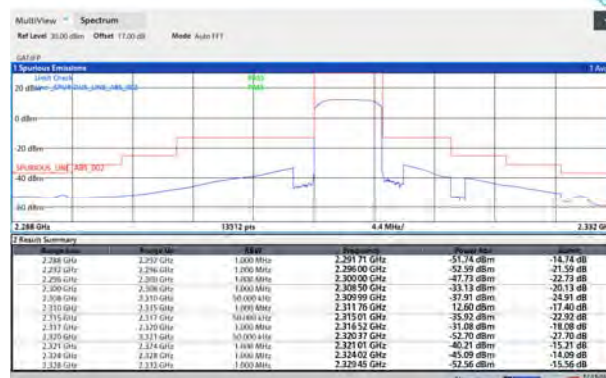
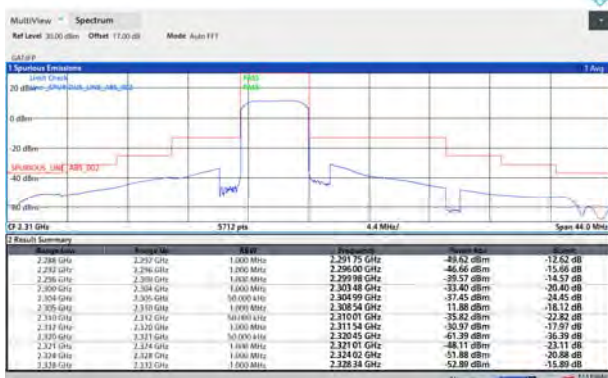
LTE Band 40 Subset 1 16QAM 5MHz CH-Low, 1 RB

LTE Band 40 Subset 1 16QAM 5MHz CH-High, 1 RB



LTE Band 40 Subset 1 16QAM 5MHz CH-Low, 100%RB

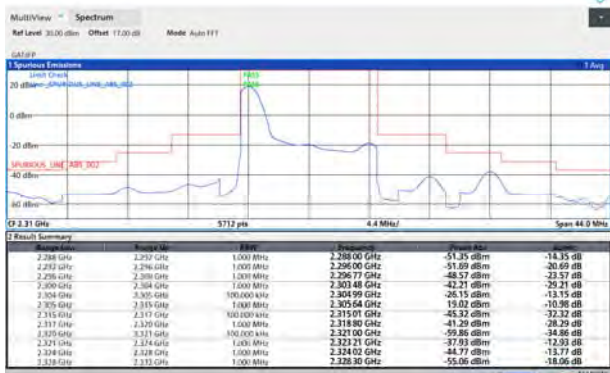
LTE Band 40 Subset 1 16QAM 5MHz CH-High, 100%RB



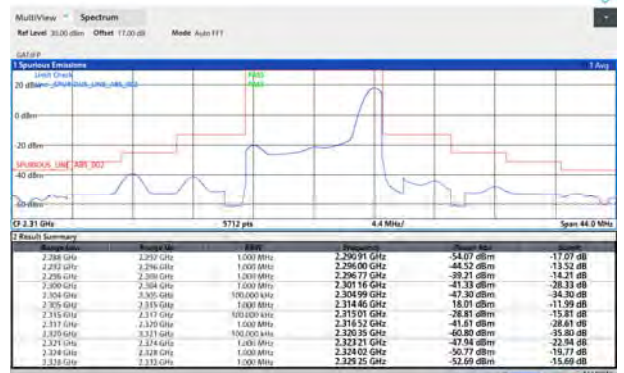
RF Test Report

Report No.: R2209A0873-R3V2

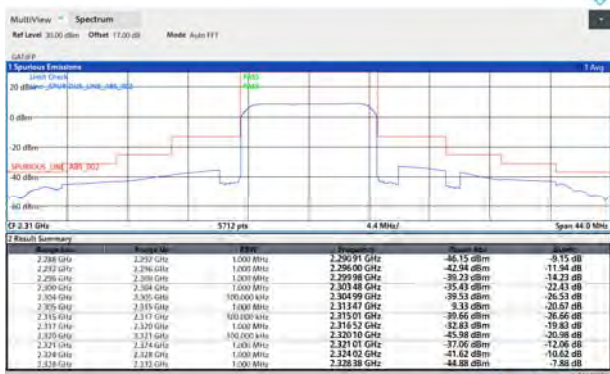
LTE Band 40 Subset 1 16QAM 10MHz CH-Low,
1 RB



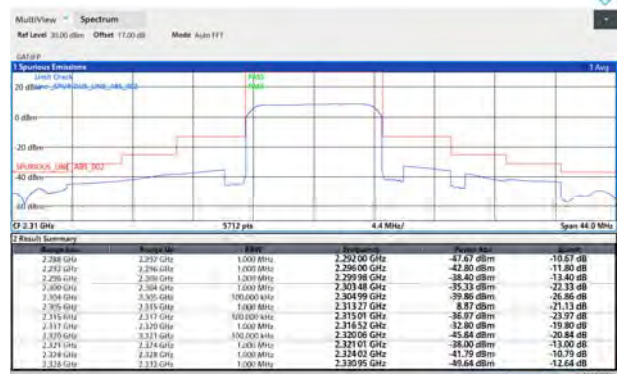
LTE Band 40 Subset 1 16QAM 10MHz CH-High,
1 RB



LTE Band 40 Subset 1 16QAM 10MHz CH-Low,
100%RB



LTE Band 40 Subset 1 16QAM 10MHz CH-High,
100%RB

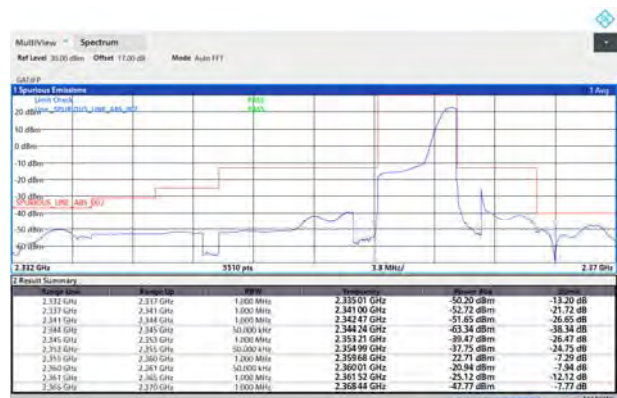
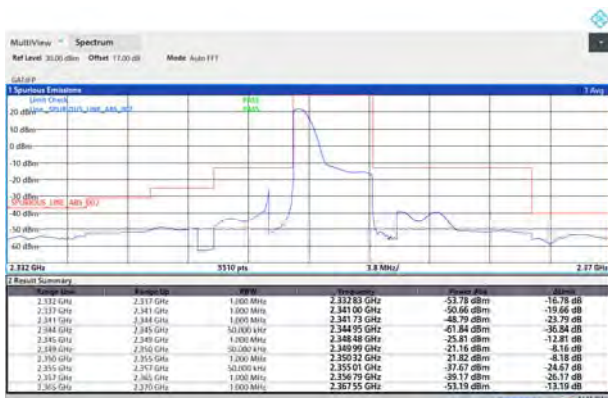


RF Test Report

Report No.: R2209A0873-R3V2

LTE Band 40 Subset 2 QPSK 5MHz CH-Low, 1 RB

LTE Band 40 Subset 2 QPSK 5MHz CH-High, 1 RB

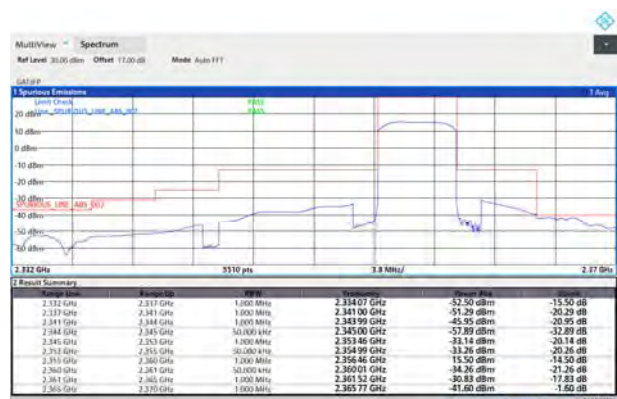
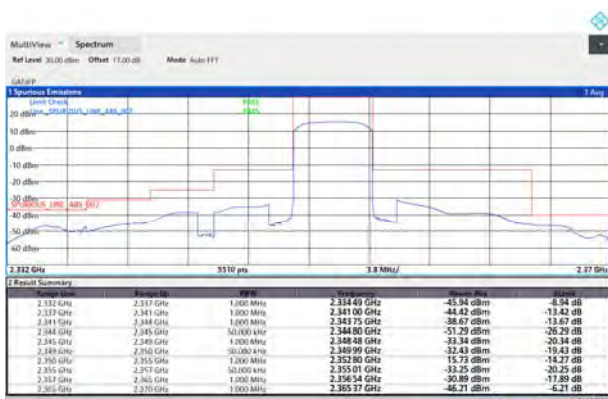


14 14:58:18 17.11.2022

14 14:01:50 17.11.2022

LTE Band 40 Subset 2 QPSK 5MHz CH-Low, 100%RB

LTE Band 40 Subset 2 QPSK 5MHz CH-High, 100%RB

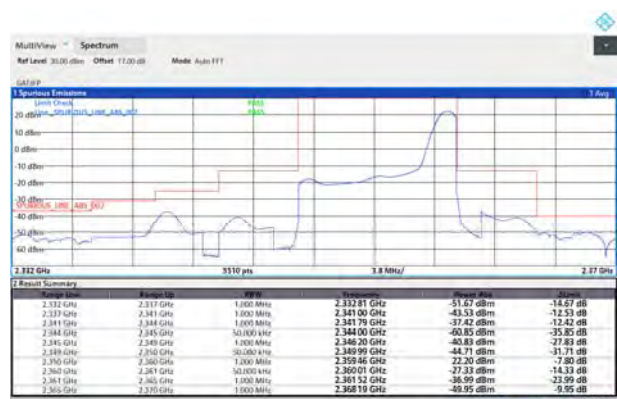
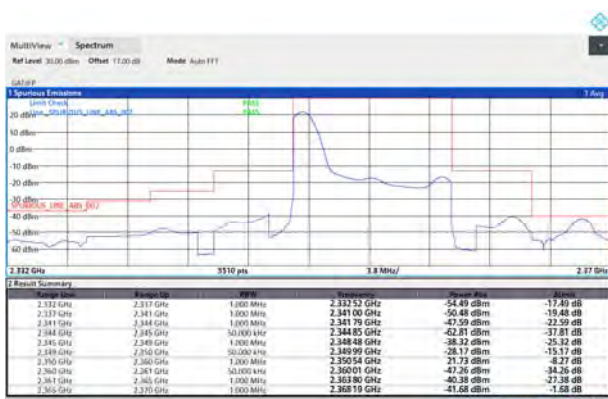


14 14:58:18 17.11.2022

14 14:20:13 17.11.2022

LTE Band 40 Subset 2 QPSK 10MHz CH-Low, 1 RB

LTE Band 40 Subset 2 QPSK 10MHz CH-High, 1 RB



14 14:25:01 17.11.2022

14 14:28:53 17.11.2022

RF Test Report

Report No.: R2209A0873-R3V2

LTE Band 40 Subset 2 QPSK 10MHz CH-Low, 100%RB



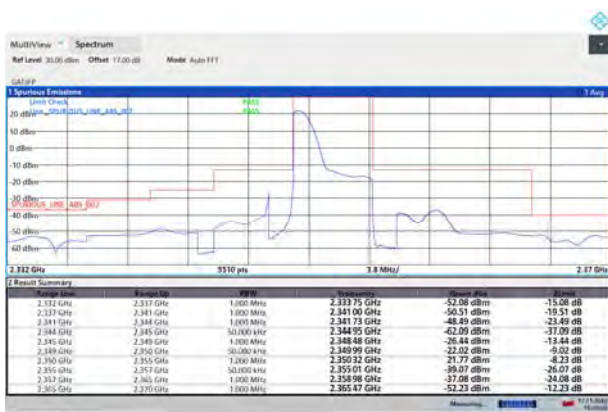
14 07 59 17 11 2022

LTE Band 40 Subset 2 QPSK 10MHz CH-High, 100%RB



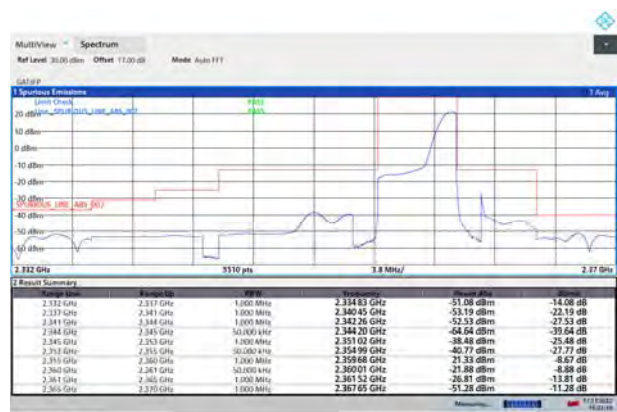
14 02 58 17 11 2022

LTE Band 40 Subset 2 16QAM 5MHz CH-Low, 1 RB



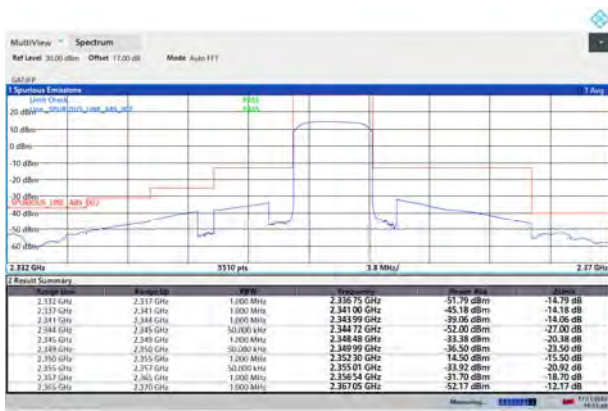
14 16 54 17 11 2022

LTE Band 40 Subset 2 16QAM 5MHz CH-High, 1 RB



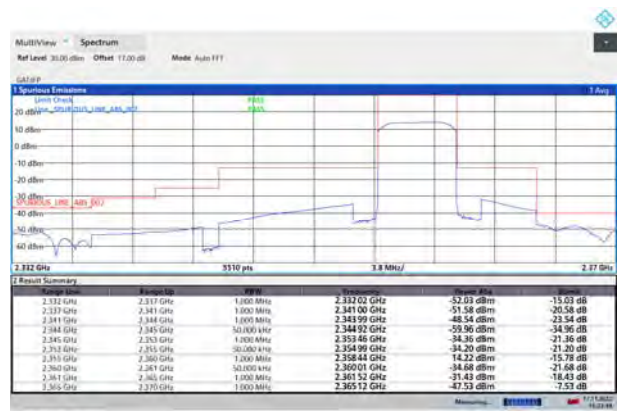
14 02 19 17 11 2022

LTE Band 40 Subset 2 16QAM 5MHz CH-Low, 100%RB



14 17 30 17 11 2022

LTE Band 40 Subset 2 16QAM 5MHz CH-High, 100%RB



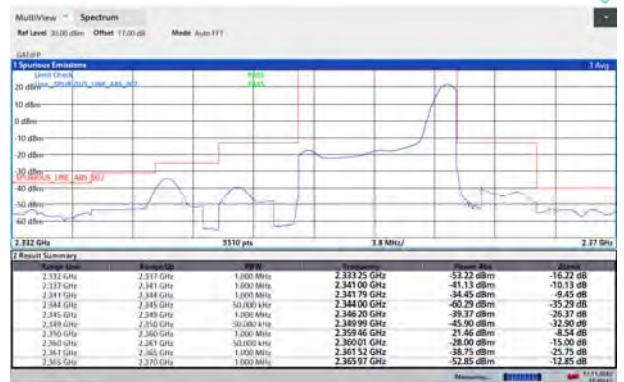
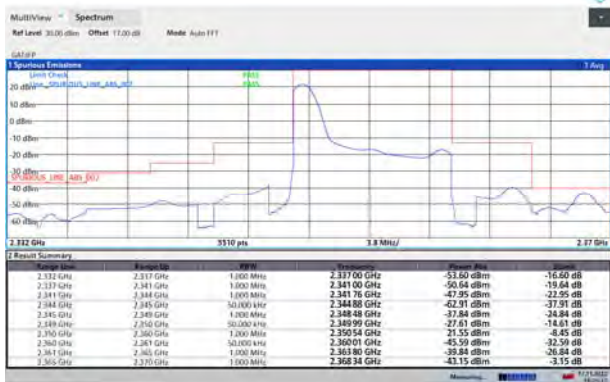
14 02 44 17 11 2022

RF Test Report

Report No.: R2209A0873-R3V2

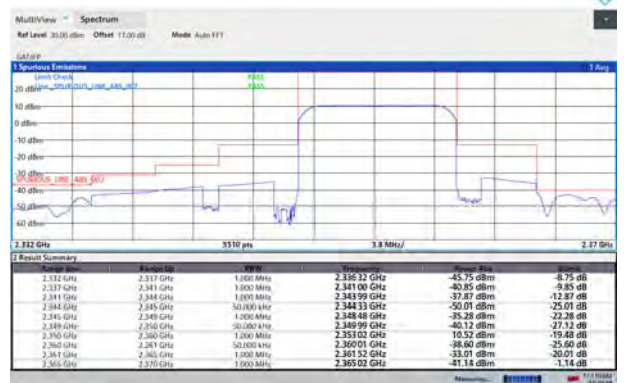
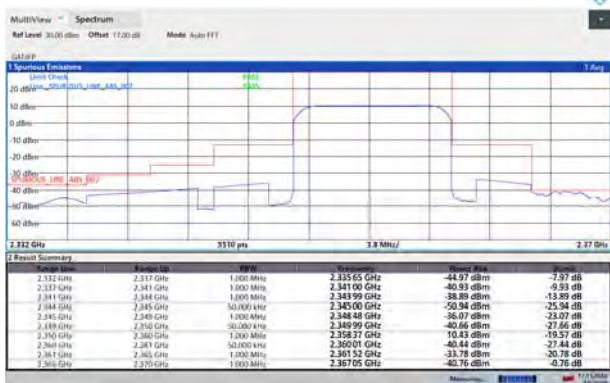
LTE Band 40 Subset 2 16QAM 10MHz CH-Low, 1 RB

LTE Band 40 Subset 2 16QAM 10MHz CH-High, 1 RB

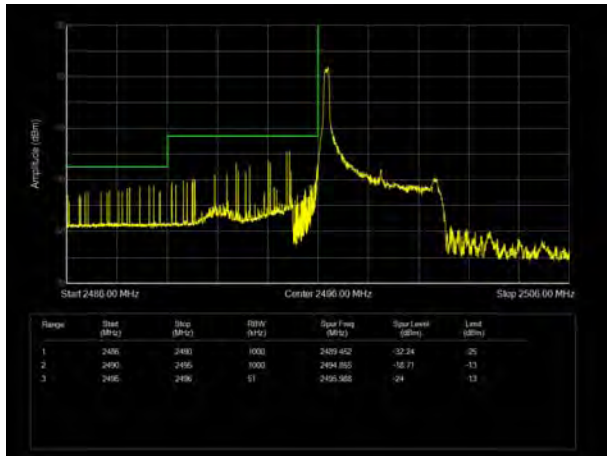


LTE Band 40 Subset 2 16QAM 10MHz CH-Low, 100%RB

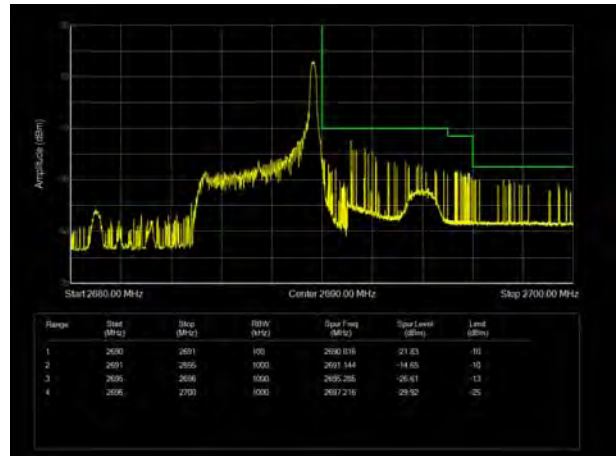
LTE Band 40 Subset 2 16QAM 10MHz CH-High, 100%RB



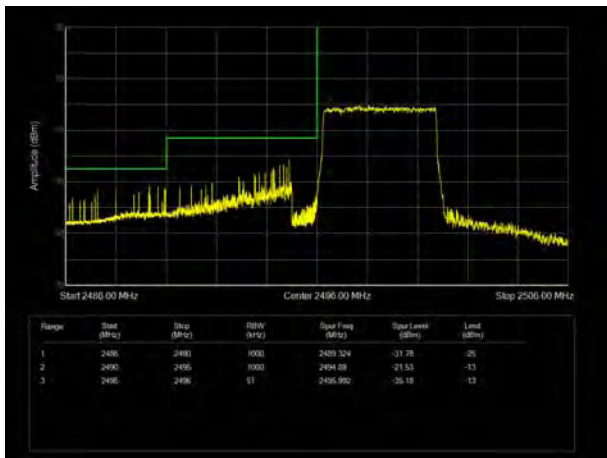
LTE Band 41 QPSK 5MHz CH-Low, 1 RB



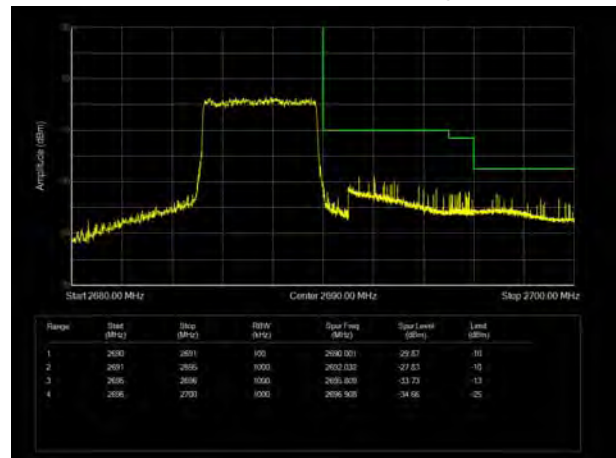
LTE Band 41 QPSK 5MHz CH-High, 1 RB



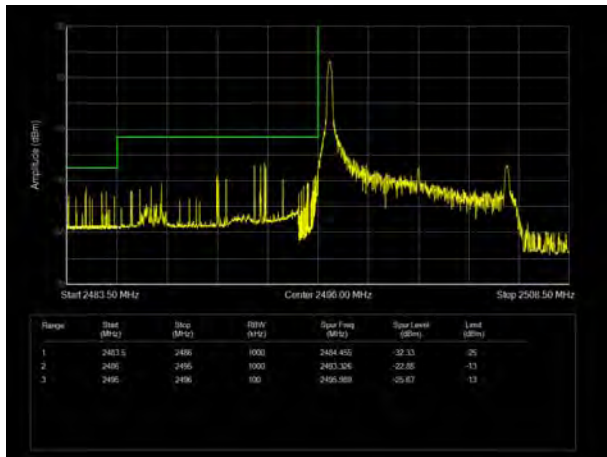
LTE Band 41 QPSK 5MHz CH-Low, 100%RB



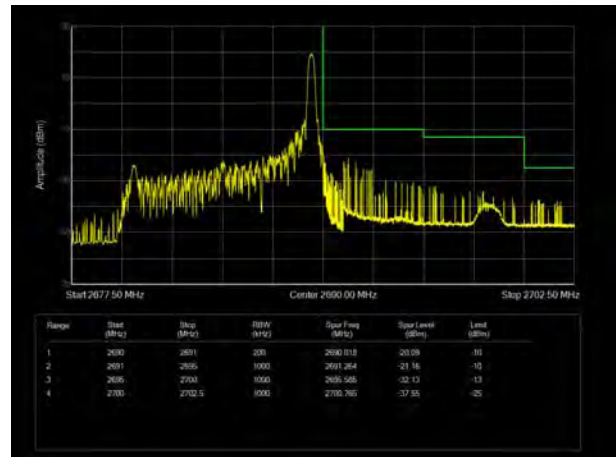
LTE Band 41 QPSK 5MHz CH-High, 100%RB



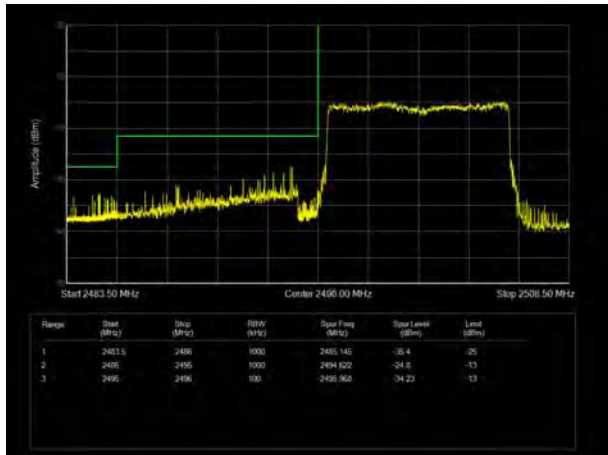
LTE Band 41 QPSK 10MHz CH-Low, 1 RB



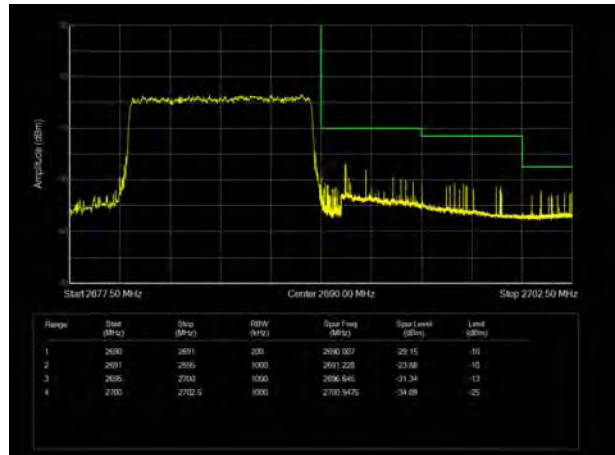
LTE Band 41 QPSK 10MHz CH-High, 1 RB



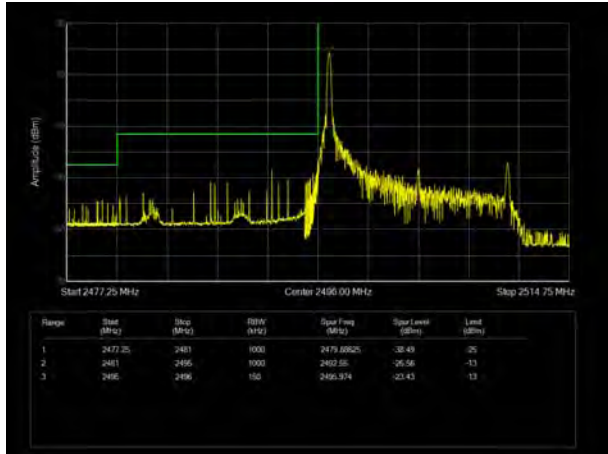
LTE Band 41 QPSK 10MHz CH-Low, 100%RB



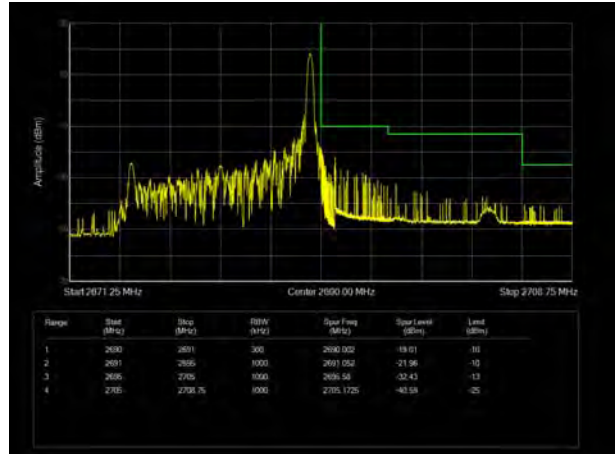
LTE Band 41 QPSK 10MHz CH-High, 100%RB



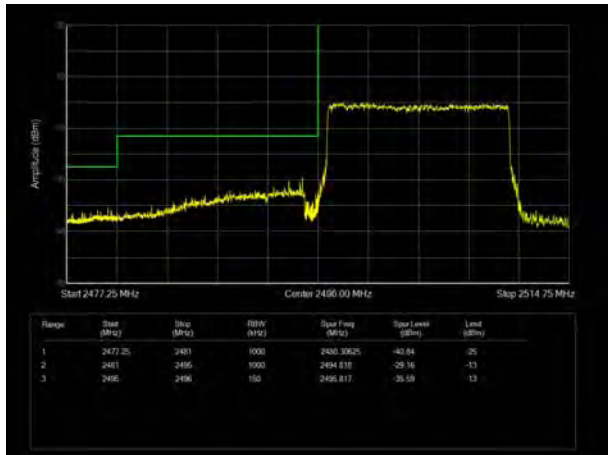
LTE Band 41 QPSK 15MHz CH-Low, 1 RB



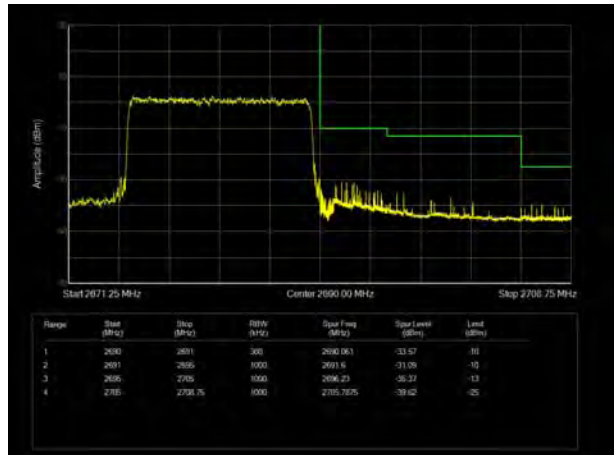
LTE Band 41 QPSK 15MHz CH-High, 1 RB



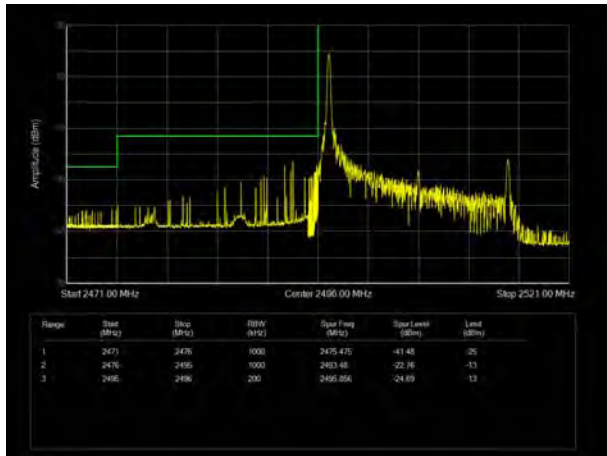
LTE Band 41 QPSK 15MHz CH-Low, 100%RB



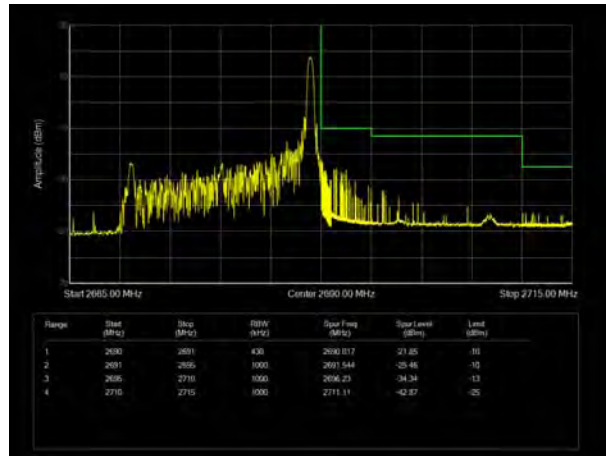
LTE Band 41 QPSK 15MHz CH-High, 100%RB



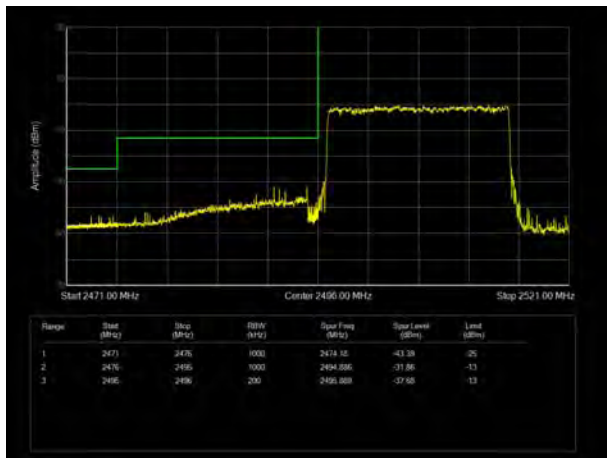
LTE Band 41 QPSK 20MHz CH-Low, 1 RB



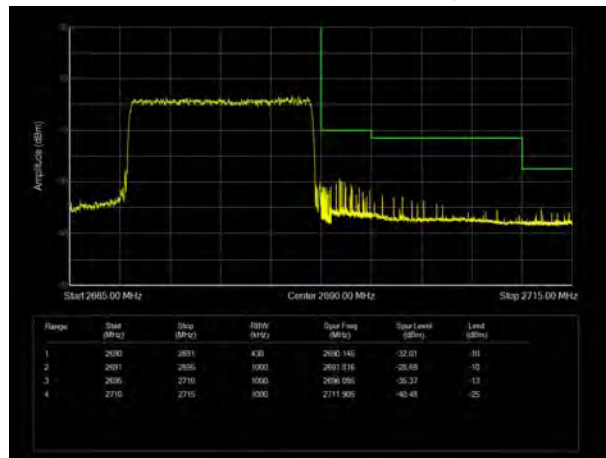
LTE Band 41 QPSK 20MHz CH-High, 1 RB



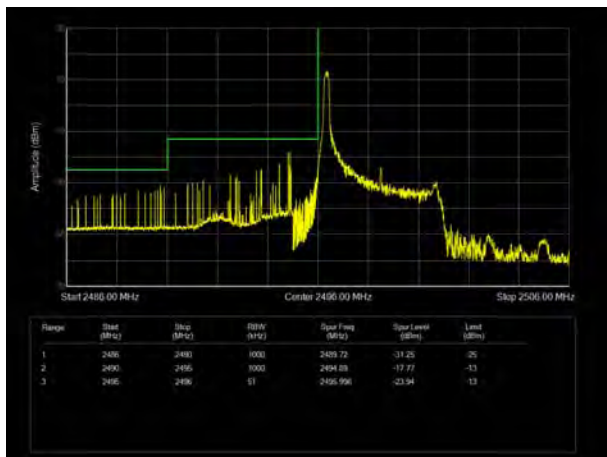
LTE Band 41 QPSK 20MHz CH-Low, 100%RB



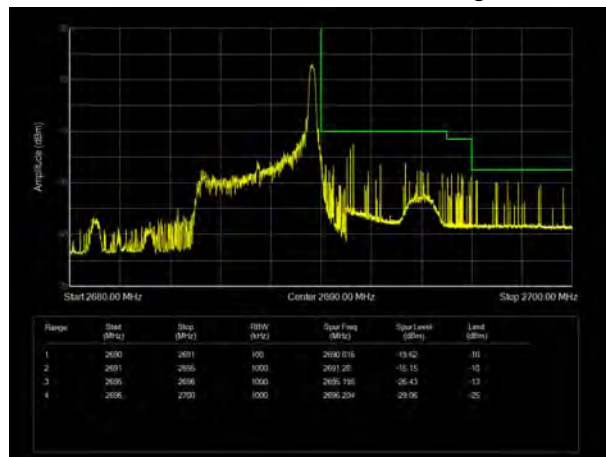
LTE Band 41 QPSK 20MHz CH-High, 100%RB



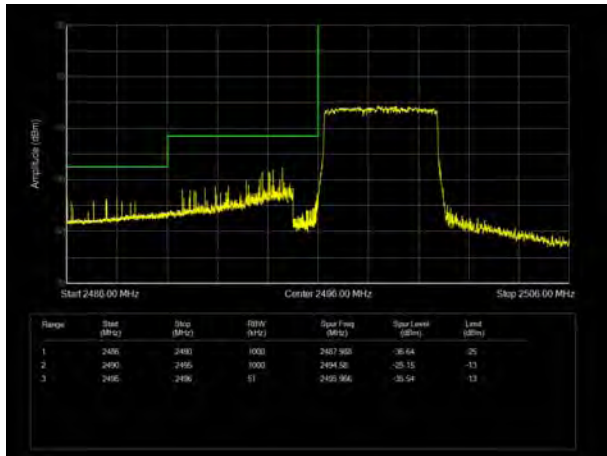
LTE Band 41 16QAM 5MHz CH-Low, 1 RB



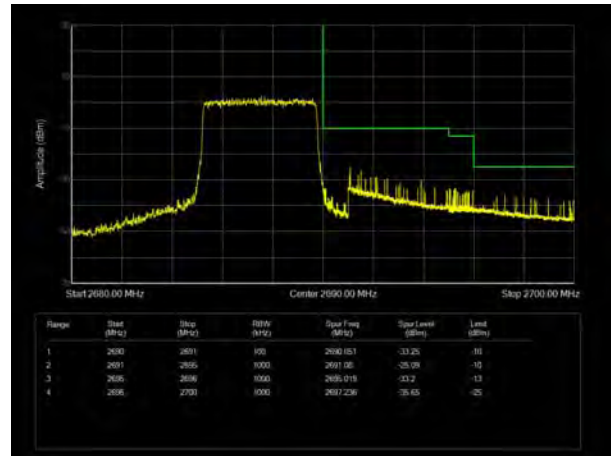
LTE Band 41 16QAM 5MHz CH-High, 1 RB



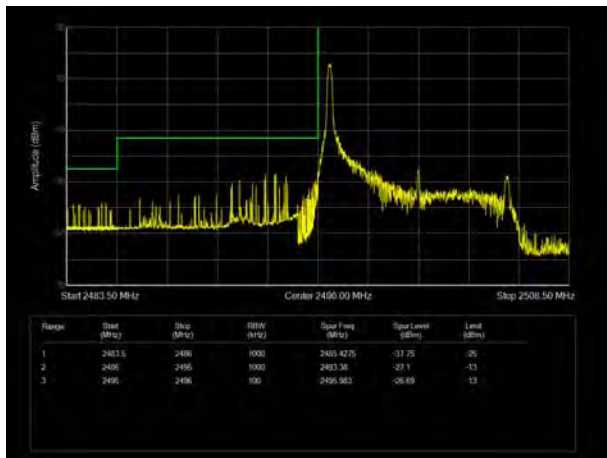
LTE Band 41 16QAM 5MHz CH-Low, 100%RB



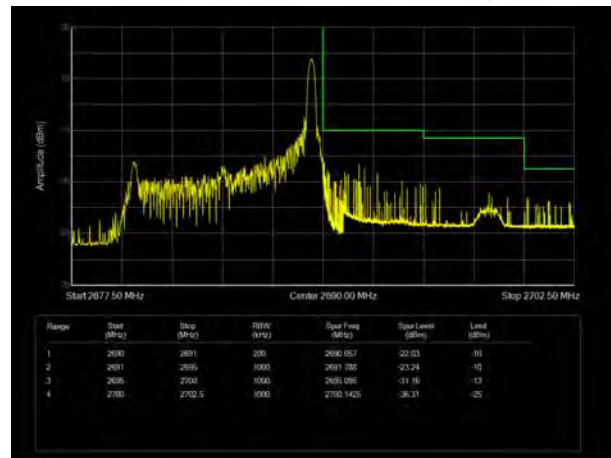
LTE Band 41 16QAM 5MHz CH-High, 100%RB



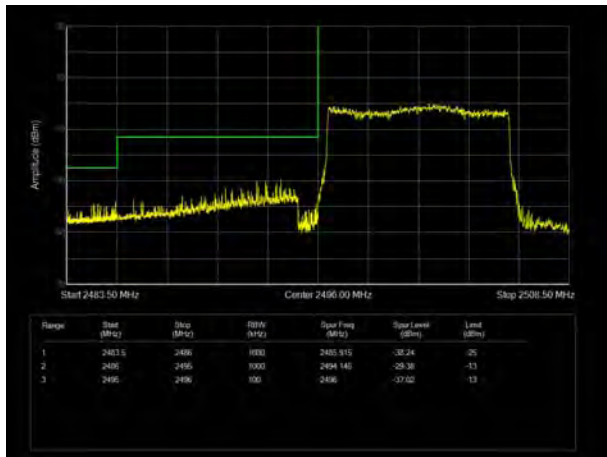
LTE Band 41 16QAM 10MHz CH-Low, 1 RB



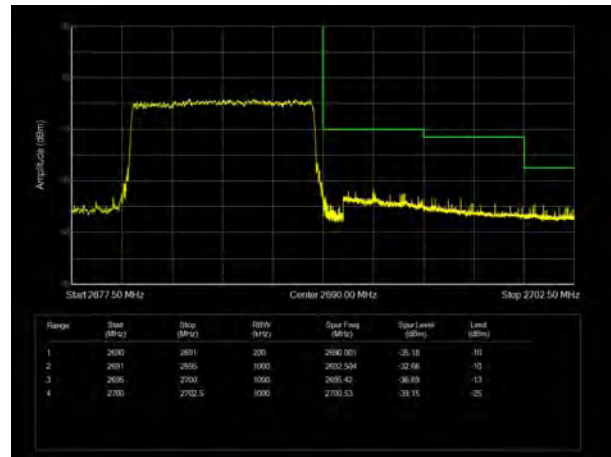
LTE Band 41 16QAM 10MHz CH-High, 1 RB



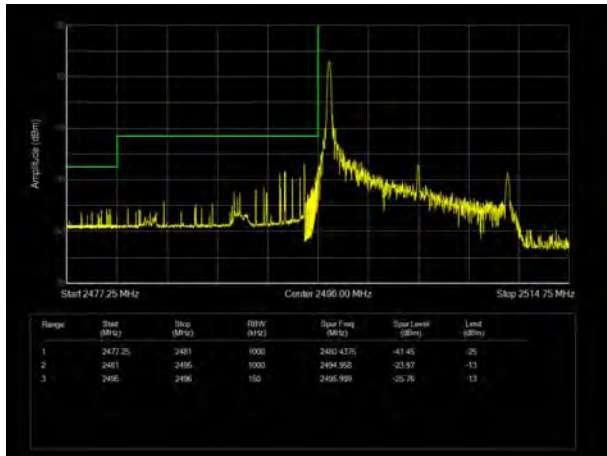
LTE Band 41 16QAM 10MHz CH-Low, 100%RB



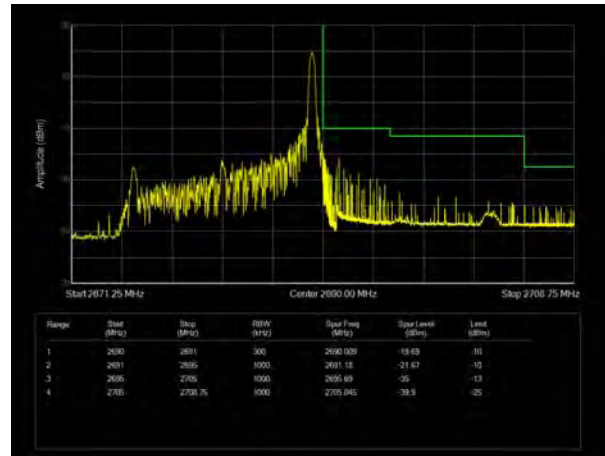
LTE Band 41 16QAM 10MHz CH-High, 100%RB



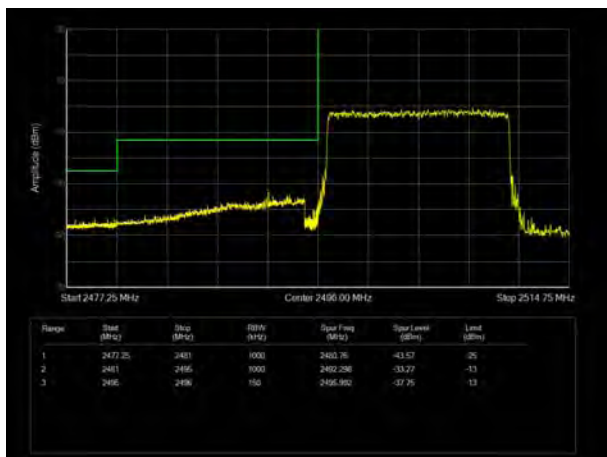
LTE Band 41 16QAM 15MHz CH-Low, 1 RB



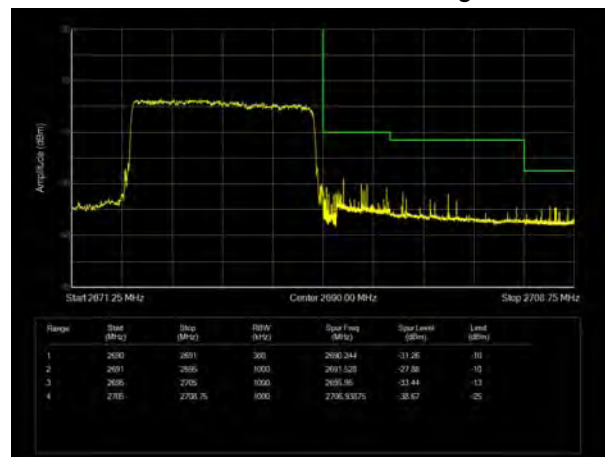
LTE Band 41 16QAM 15MHz CH-High, 1 RB



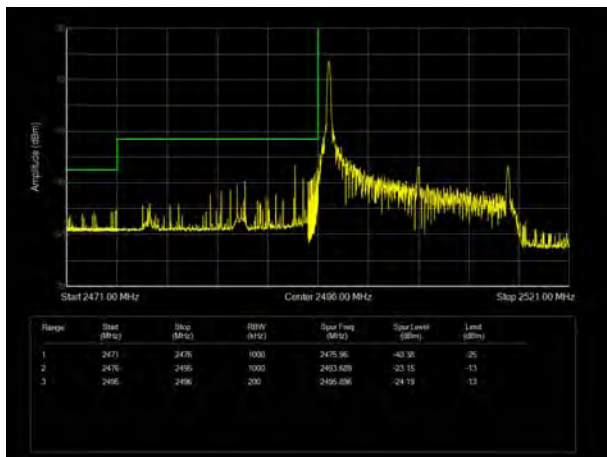
LTE Band 41 16QAM 15MHz CH-Low, 100%RB



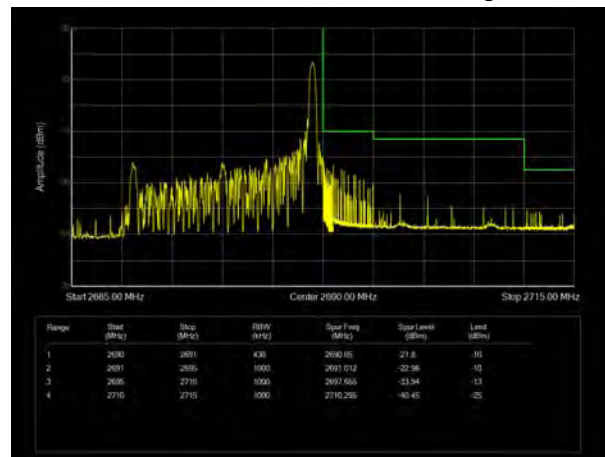
LTE Band 41 16QAM 15MHz CH-High, 100%RB



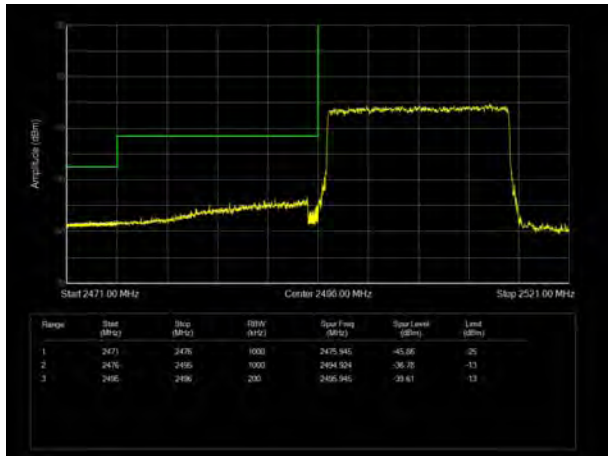
LTE Band 41 16QAM 20MHz CH-Low, RB 1



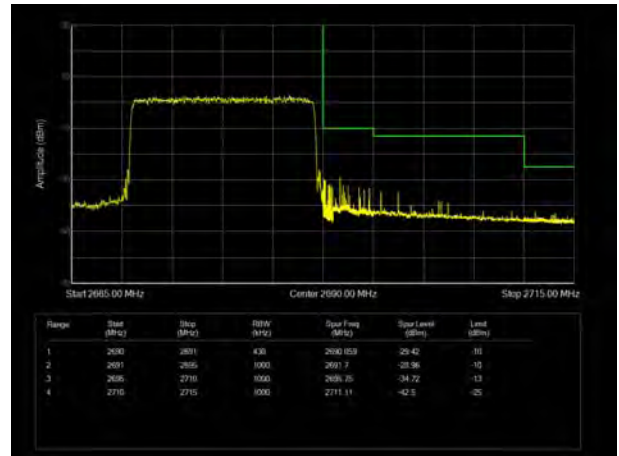
LTE Band 41 16QAM 20MHz CH-High, RB 1



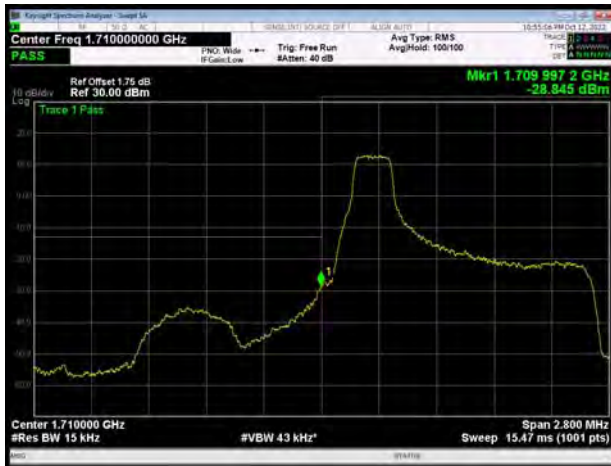
LTE Band 41 16QAM 20MHz CH-Low, 100%RB



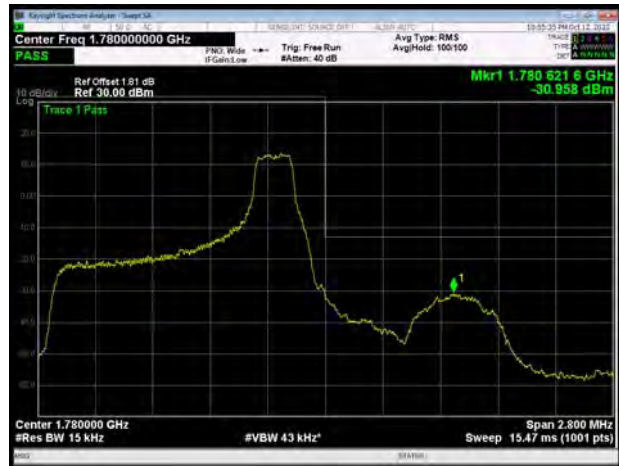
LTE Band 41 16QAM 20MHz CH-High, 100%RB



LTE Band 66 QPSK 1.4MHz CH-Low, 1 RB



LTE Band 66 QPSK 1.4MHz CH-High, 1 RB



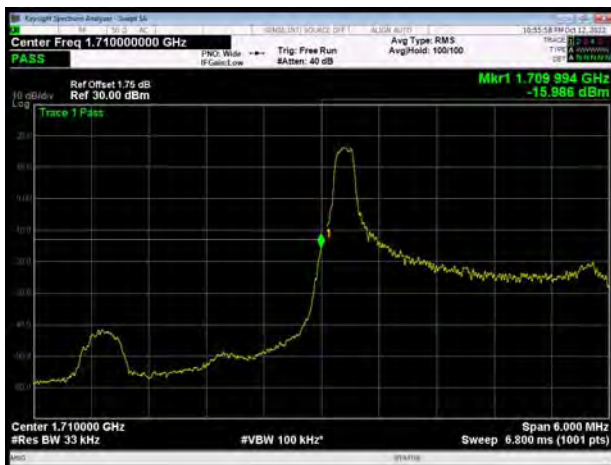
LTE Band 66 QPSK 1.4MHz CH-Low, 100%RB



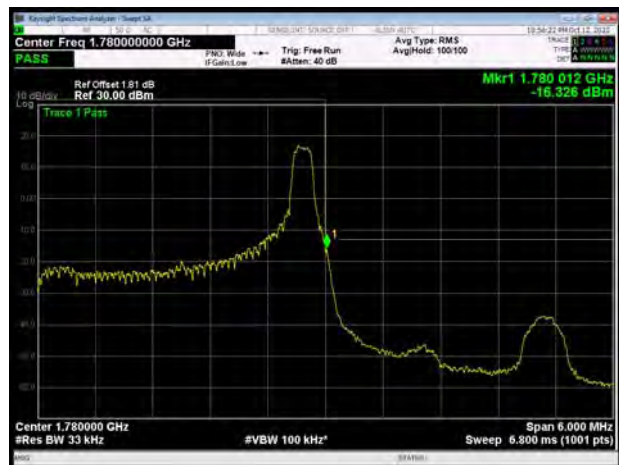
LTE Band 66 QPSK 1.4MHz CH-High, 100%RB



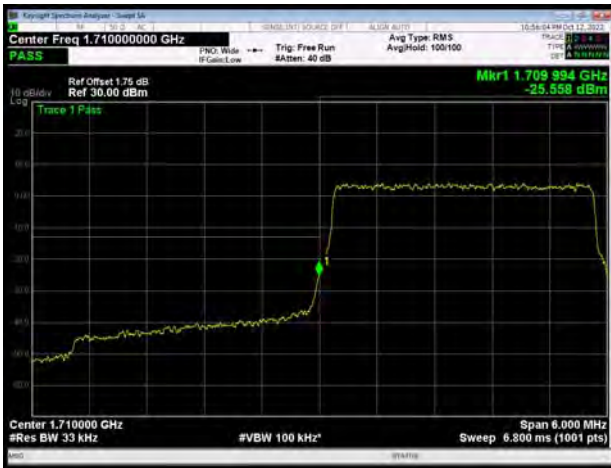
LTE Band 66 QPSK 3MHz CH-Low, 1 RB



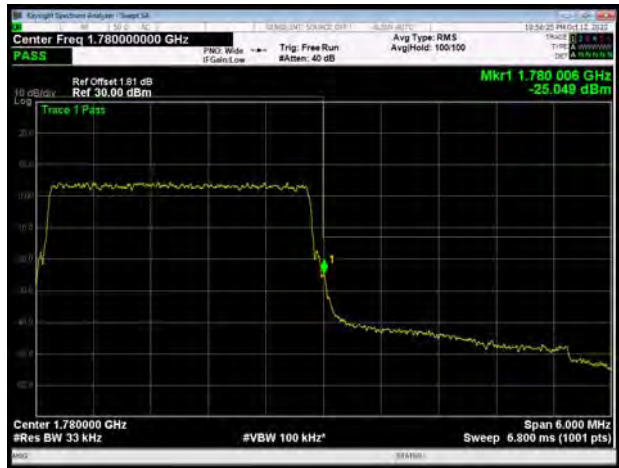
LTE Band 66 QPSK 3MHz CH-High, 1 RB



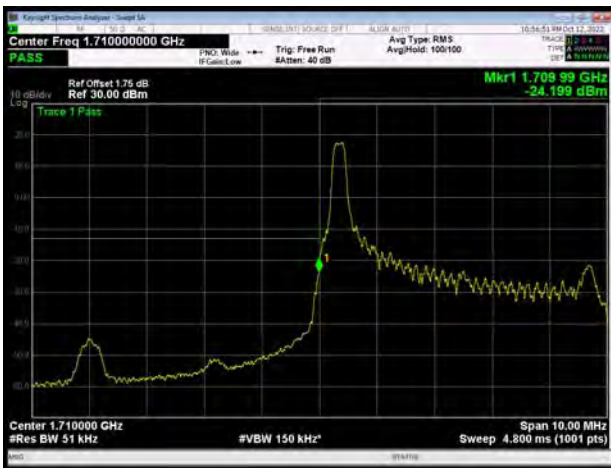
LTE Band 66 QPSK 3MHz CH-Low, 100%RB



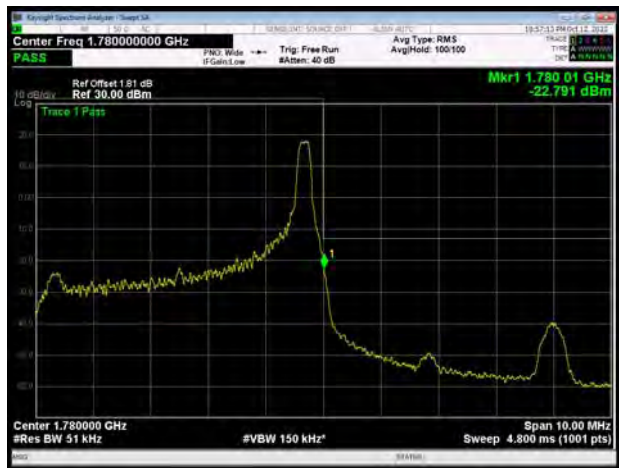
LTE Band 66 QPSK 3MHz CH-High, 100%RB



LTE Band 66 QPSK 5MHz CH-Low, 1 RB



LTE Band 66 QPSK 5MHz CH-High, 1 RB



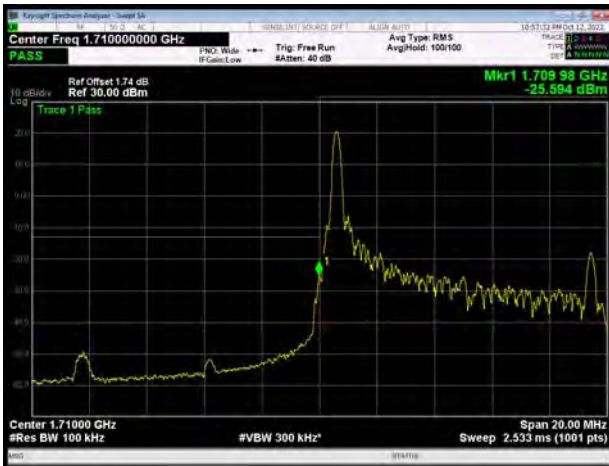
LTE Band 66 QPSK 5MHz CH-Low, 100%RB



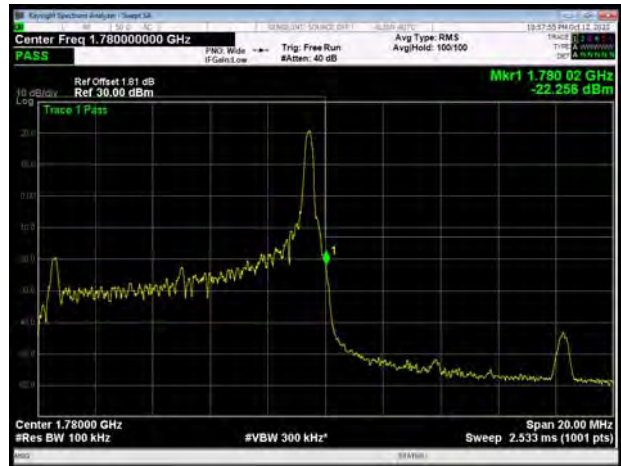
LTE Band 66 QPSK 5MHz CH-High, 100%RB



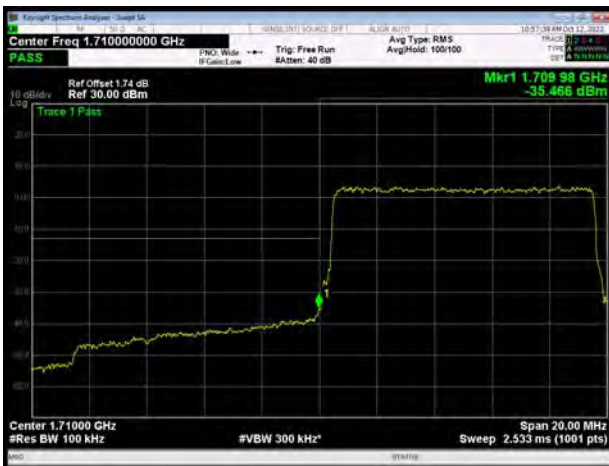
LTE Band 66 QPSK 10MHz CH-Low, 1 RB



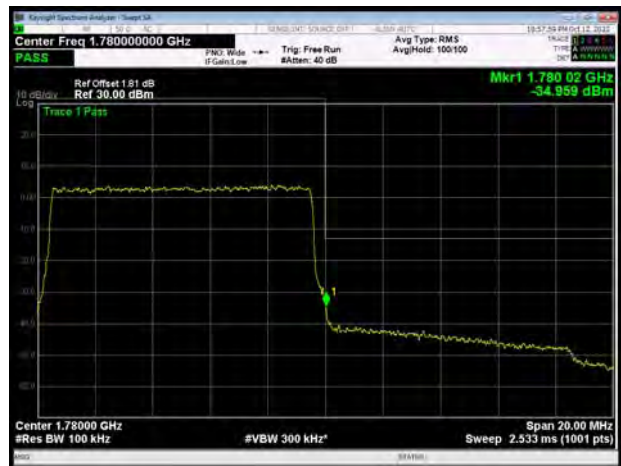
LTE Band 66 QPSK 10MHz CH-High, 1 RB



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



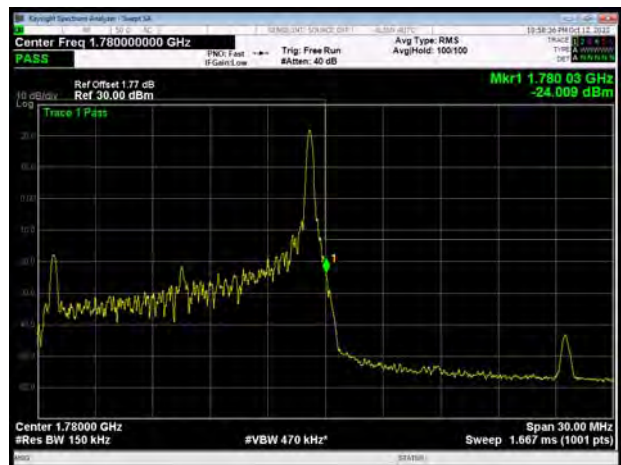
LTE Band 66 QPSK 10MHz CH-High, 100%RB



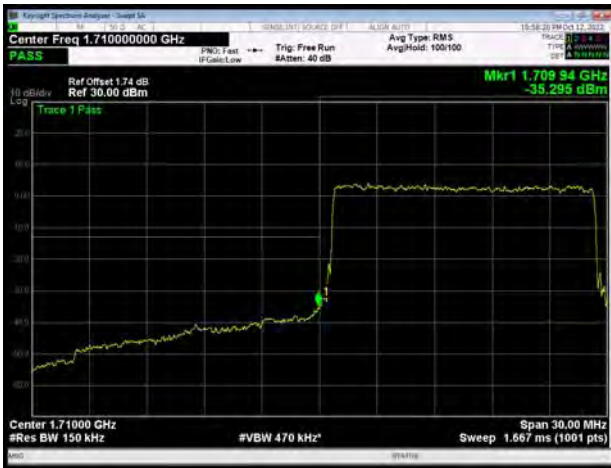
LTE Band 66 QPSK 15MHz CH-Low, 1 RB



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



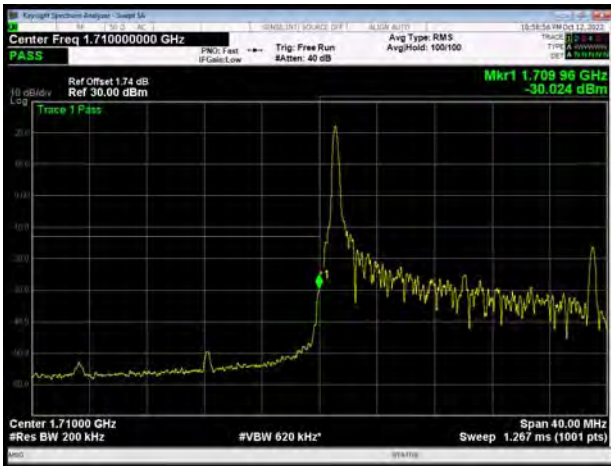
LTE Band 66 QPSK 15MHz CH-Low, 100%RB



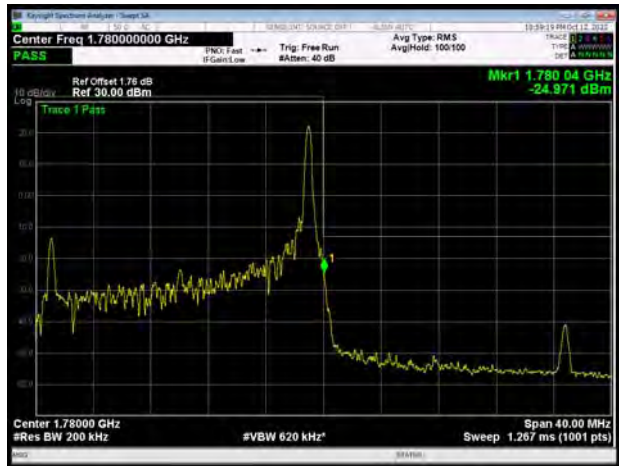
LTE Band 66 QPSK 15MHz CH-High, 100%RB



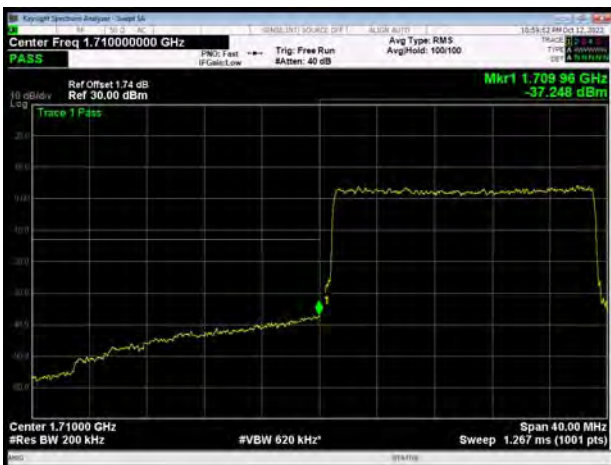
LTE Band 66 QPSK 20MHz CH-Low, 1 RB



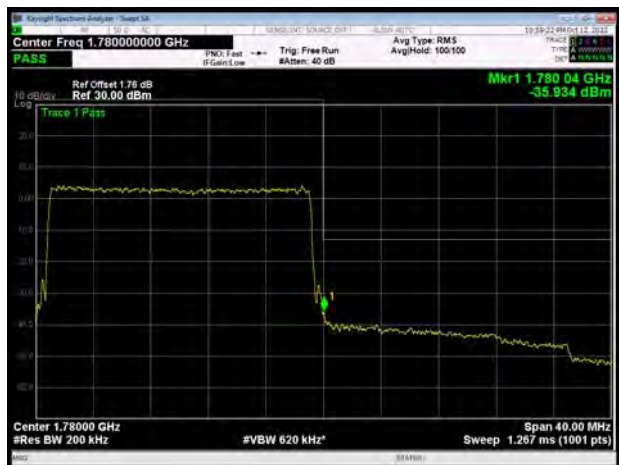
LTE Band 66 QPSK 20MHz CH-High, 1 RB



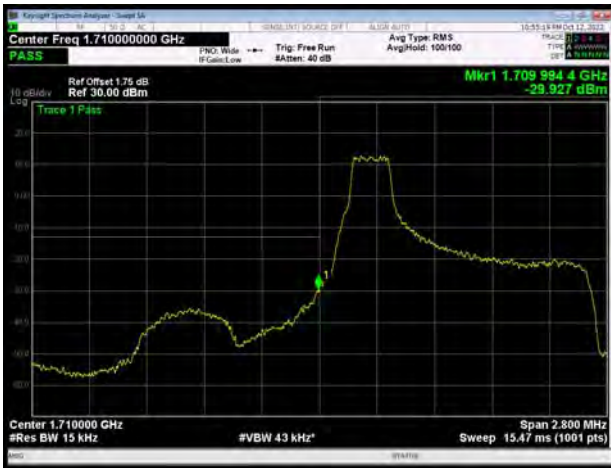
LTE Band 66 QPSK 20MHz CH-Low, 100%RB



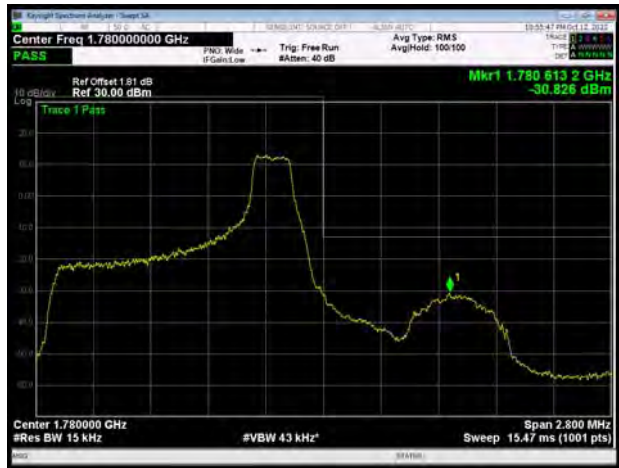
LTE Band 66 QPSK 20MHz CH-High, 100%RB



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



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



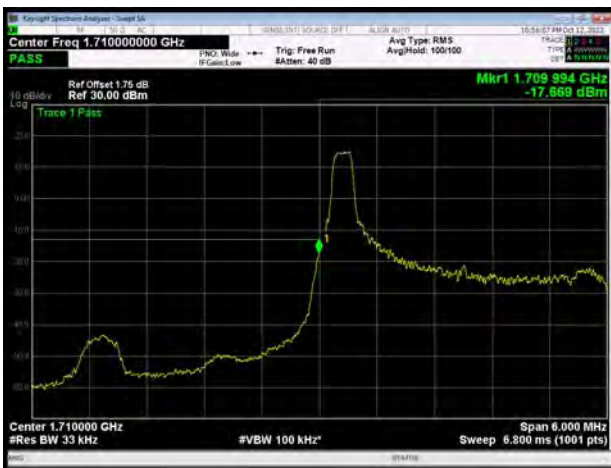
LTE Band 66 16QAM 1.4MHz CH-Low, 100%RB



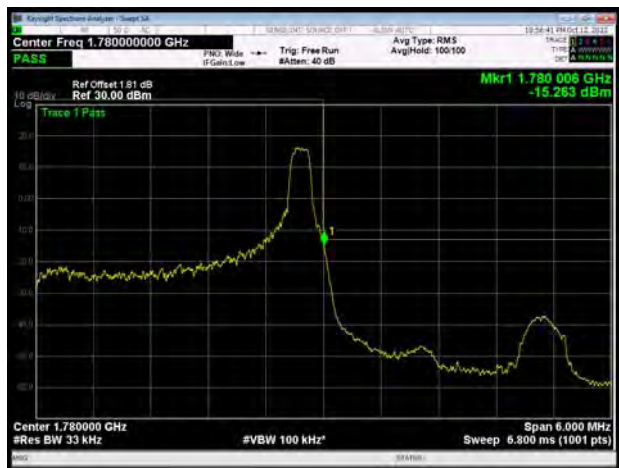
LTE Band 66 16QAM 1.4MHz CH-High, 100%RB



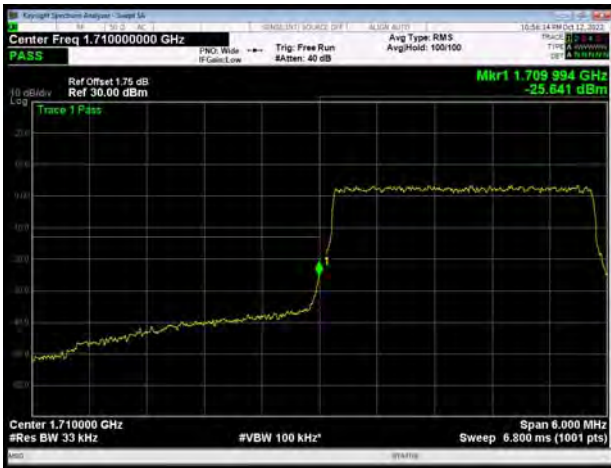
LTE Band 66 16QAM 3MHz CH-Low, 1 RB



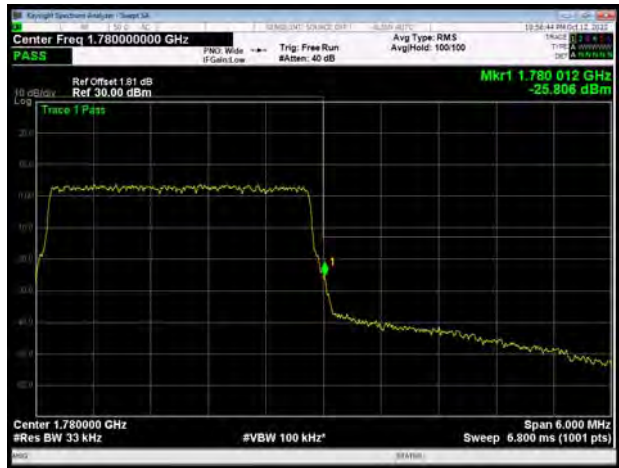
LTE Band 66 16QAM 3MHz CH-High, 1 RB



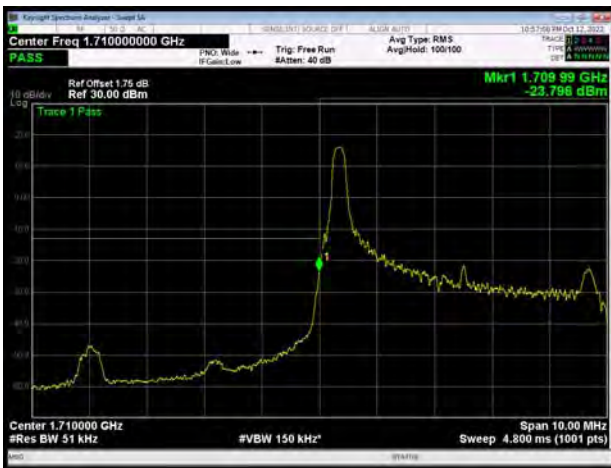
LTE Band 66 16QAM 3MHz CH-Low, 100%RB



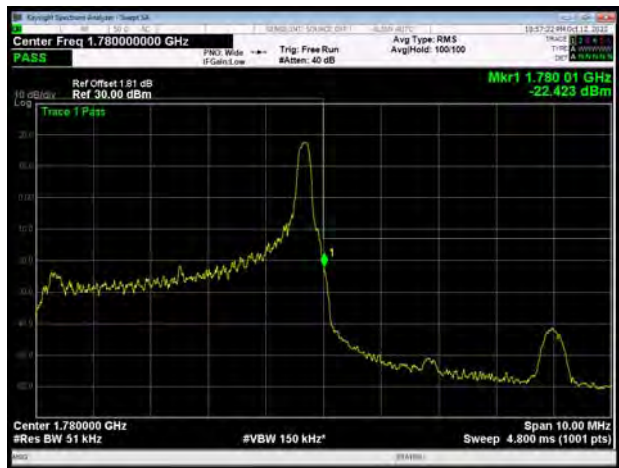
LTE Band 66 16QAM 3MHz CH-High, 100%RB



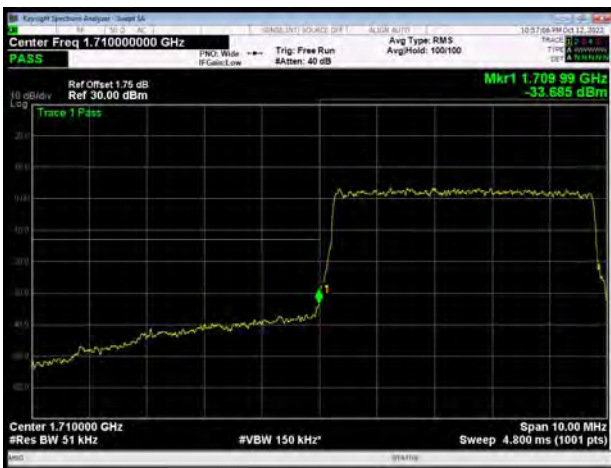
LTE Band 66 16QAM 5MHz CH-Low, 1 RB



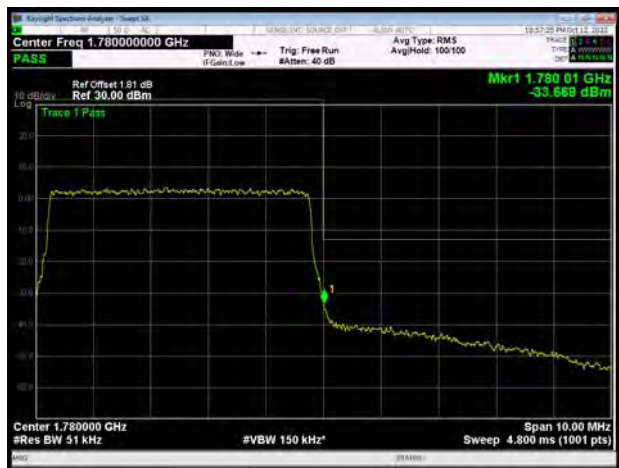
LTE Band 66 16QAM 5MHz CH-High, 1 RB



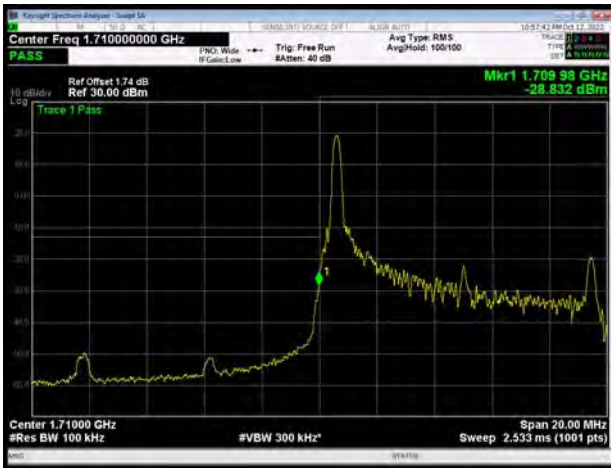
LTE Band 66 16QAM 5MHz CH-Low, 100%RB



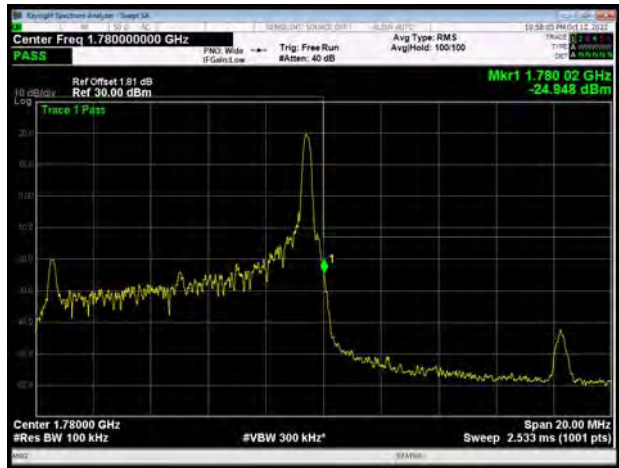
LTE Band 66 16QAM 5MHz CH-High, 100%RB



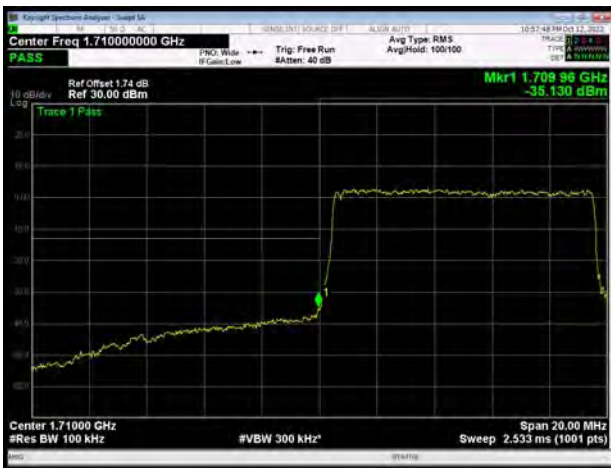
LTE Band 66 16QAM 10MHz CH-Low, 1 RB



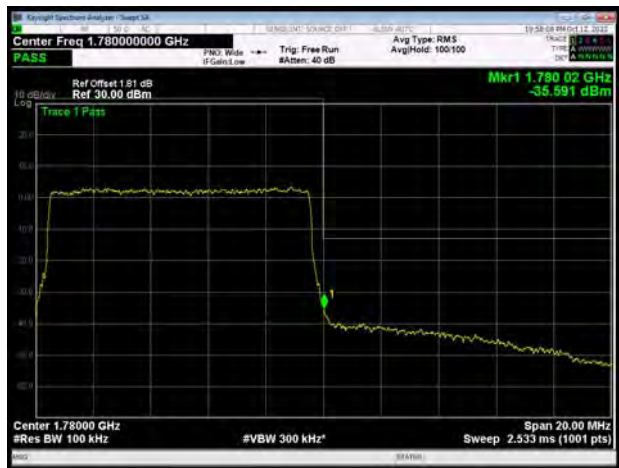
LTE Band 66 16QAM 10MHz CH-High, 1 RB



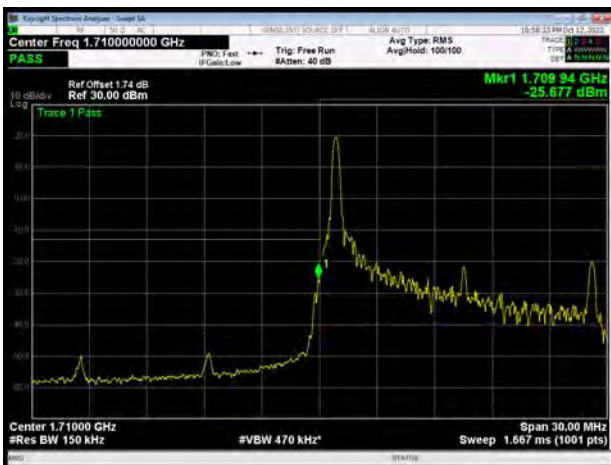
LTE Band 66 16QAM 10MHz CH-Low, 100%RB



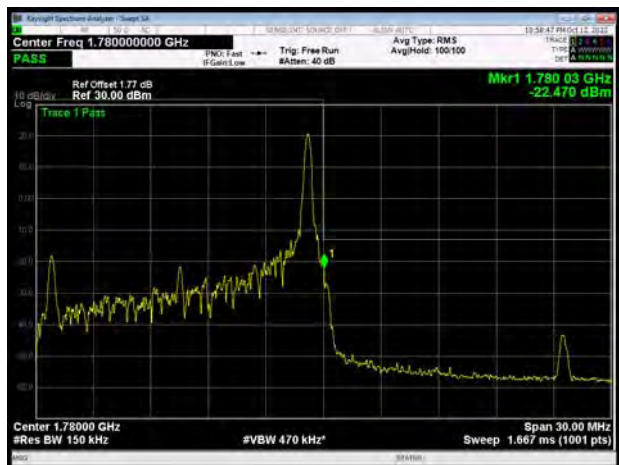
LTE Band 66 16QAM 10MHz CH-High, 100%RB



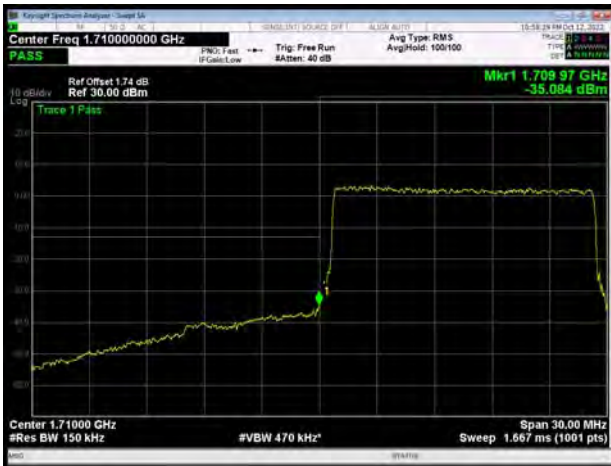
LTE Band 66 16QAM 15MHz CH-Low, 1 RB



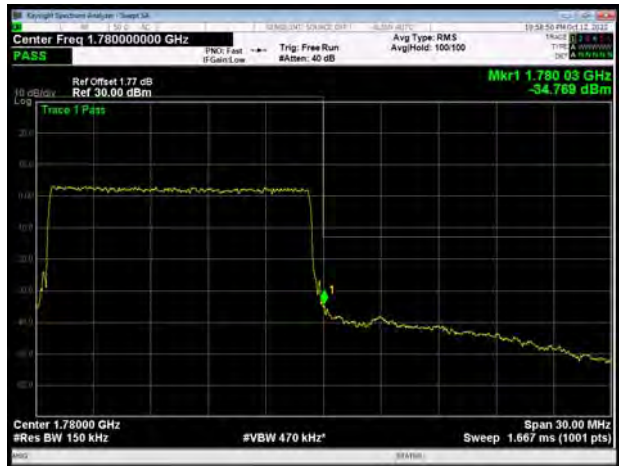
LTE Band 66 16QAM 15MHz CH-High, 1 RB



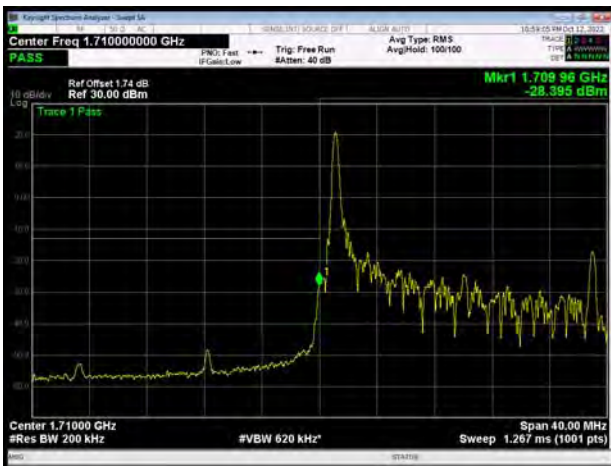
LTE Band 66 16QAM 15MHz CH-Low, 100%RB



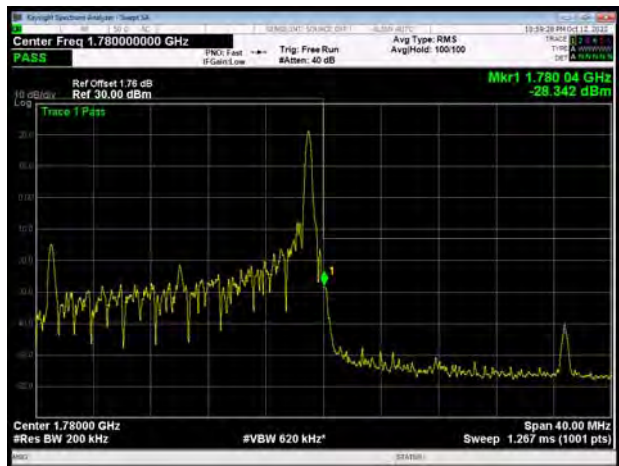
LTE Band 66 16QAM 15MHz CH-High, 100%RB



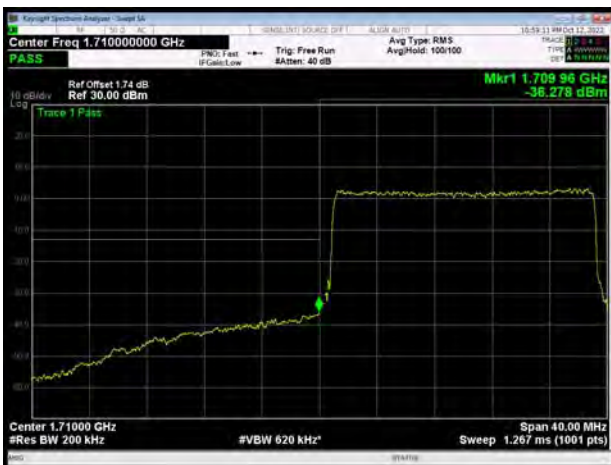
LTE Band 66 16QAM 20MHz CH-Low, 1 RB



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



LTE Band 66 16QAM 20MHz CH-Low, 100%RB



LTE Band 66 16QAM 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	25.63	22.56	3.07	≤13	PASS
	1413	1732.6	25.68	22.61	3.07	≤13	PASS
	1513	1752.6	25.66	22.60	3.06	≤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	27.67	22.01	5.66	≤13	PASS
		20175	1732.5	27.74	21.93	5.81	≤13	PASS
		20393	1754.3	27.61	22.23	5.38	≤13	PASS
	3	19965	1711.5	27.79	22.03	5.76	≤13	PASS
		20175	1732.5	27.72	22.03	5.69	≤13	PASS
		20385	1753.5	27.62	22.17	5.45	≤13	PASS
	5	19975	1712.5	27.82	22.04	5.78	≤13	PASS
		20175	1732.5	27.80	21.98	5.82	≤13	PASS
		20375	1752.5	27.65	22.22	5.43	≤13	PASS
	10	20000	1715	27.87	22.06	5.81	≤13	PASS
		20175	1732.5	27.86	22.01	5.85	≤13	PASS
		20350	1750	27.68	22.14	5.54	≤13	PASS
	15	20025	1717.5	28.22	22.07	6.15	≤13	PASS
		20175	1732.5	28.17	22.00	6.17	≤13	PASS
		20325	1747.5	27.94	22.06	5.88	≤13	PASS
	20	20050	1720	28.01	22.10	5.91	≤13	PASS
		20175	1732.5	27.92	22.08	5.84	≤13	PASS
		20300	1745	27.86	22.14	5.72	≤13	PASS
16QAM	1.4	19957	1710.7	28.02	21.73	6.29	≤13	PASS
		20175	1732.5	28.12	21.68	6.44	≤13	PASS
		20393	1754.3	27.79	21.60	6.19	≤13	PASS
	3	19965	1711.5	27.96	21.52	6.44	≤13	PASS
		20175	1732.5	28.10	21.55	6.55	≤13	PASS
		20385	1753.5	27.53	21.25	6.28	≤13	PASS
	5	19975	1712.5	27.65	21.22	6.43	≤13	PASS
		20175	1732.5	28.01	21.51	6.50	≤13	PASS
		20375	1752.5	27.39	21.08	6.31	≤13	PASS
	10	20000	1715	27.75	21.22	6.53	≤13	PASS
		20175	1732.5	28.06	21.47	6.59	≤13	PASS

	15	20350	1750	27.62	21.33	6.29	≤13	PASS
		20025	1717.5	27.84	21.18	6.66	≤13	PASS
		20175	1732.5	28.13	21.56	6.57	≤13	PASS
	20	20325	1747.5	27.62	21.22	6.40	≤13	PASS
		20050	1720	27.86	21.21	6.65	≤13	PASS
		20175	1732.5	28.01	21.50	6.51	≤13	PASS
		20300	1745	27.67	21.27	6.40	≤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	27.59	22.27	5.32	≤13	PASS
		21100	2535	27.55	21.65	5.90	≤13	PASS
		21425	2567.5	27.80	21.98	5.82	≤13	PASS
	10	20800	2505	27.63	21.92	5.71	≤13	PASS
		21100	2535	27.64	21.76	5.88	≤13	PASS
		21400	2565	27.85	21.90	5.95	≤13	PASS
	15	20825	2507.5	27.83	21.68	6.15	≤13	PASS
		21100	2535	27.91	21.73	6.18	≤13	PASS
		21375	2562.5	28.01	21.77	6.24	≤13	PASS
	20	20850	2510	27.68	21.83	5.85	≤13	PASS
		21100	2535	27.65	21.76	5.89	≤13	PASS
		21350	2560	27.93	21.95	5.98	≤13	PASS
16QAM	5	20775	2502.5	27.47	21.36	6.11	≤13	PASS
		21100	2535	27.82	21.36	6.46	≤13	PASS
		21425	2567.5	27.55	20.83	6.72	≤13	PASS
	10	20800	2505	27.68	21.33	6.35	≤13	PASS
		21100	2535	27.89	21.36	6.53	≤13	PASS
		21400	2565	27.71	21.01	6.70	≤13	PASS
	15	20825	2507.5	27.57	20.91	6.66	≤13	PASS
		21100	2535	27.89	21.30	6.59	≤13	PASS
		21375	2562.5	27.58	20.84	6.74	≤13	PASS
	20	20850	2510	27.40	20.75	6.65	≤13	PASS
		21100	2535	27.87	21.34	6.53	≤13	PASS
		21350	2560	27.72	21.04	6.68	≤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	26.97	17.65	9.32	≤13	PASS
		38000	2595	27.12	18.28	8.84	≤13	PASS
		38225	2617.5	27.15	17.90	9.25	≤13	PASS
	10	37800	2575	26.85	16.15	10.70	≤13	PASS
		38000	2595	27.23	18.22	9.01	≤13	PASS
		38200	2615	27.08	18.17	8.91	≤13	PASS
	15	37825	2577.5	27.49	18.82	8.67	≤13	PASS
		38000	2595	27.57	18.28	9.29	≤13	PASS
		38175	2612.5	27.42	16.86	10.56	≤13	PASS
	20	37850	2580	27.03	17.44	9.59	≤13	PASS
		38000	2595	26.92	16.72	10.20	≤13	PASS
		38150	2610	27.01	17.00	10.01	≤13	PASS
16QAM	5	37775	2572.5	26.66	16.00	10.66	≤13	PASS
		38000	2595	26.70	16.48	10.22	≤13	PASS
		38225	2617.5	26.65	16.21	10.44	≤13	PASS
	10	37800	2575	26.60	15.45	11.15	≤13	PASS
		38000	2595	26.95	17.47	9.48	≤13	PASS
		38200	2615	26.90	17.53	9.37	≤13	PASS
	15	37825	2577.5	27.00	16.48	10.52	≤13	PASS
		38000	2595	27.00	16.68	10.32	≤13	PASS
		38175	2612.5	26.88	16.25	10.63	≤13	PASS
	20	37850	2580	26.76	16.19	10.57	≤13	PASS
		38000	2595	26.75	16.68	10.07	≤13	PASS
		38150	2610	26.81	16.67	10.14	≤13	PASS

LTE Band 40 Subset 1								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	38725	2307.5	27.30	18.08	9.22	≤13	PASS
		38750	2310	27.17	17.93	9.24	≤13	PASS
		38775	2312.5	27.34	18.14	9.20	≤13	PASS
	10	38750	2310	27.34	18.36	8.98	≤13	PASS
16QAM	5	38725	2307.5	26.87	16.18	10.69	≤13	PASS
		38750	2310	26.93	17.80	9.13	≤13	PASS
		38775	2312.5	27.00	17.65	9.35	≤13	PASS
	10	38750	2310	27.16	18.01	9.15	≤13	PASS

LTE Band 40 Subset 2								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	39175	2352.5	27.33	17.96	9.37	≤13	PASS
		39200	2355	27.36	18.53	8.83	≤13	PASS
		39225	2357.5	27.56	19.43	8.13	≤13	PASS
	10	39200	2355	27.27	17.07	10.20	≤13	PASS
16QAM	5	39175	2352.5	27.10	16.83	10.27	≤13	PASS
		39200	2355	27.12	16.98	10.14	≤13	PASS
		39225	2357.5	27.00	16.97	10.03	≤13	PASS
	10	39200	2355	27.09	16.31	10.78	≤13	PASS

LTE Band 41								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	39675	2498.5	26.64	18.60	8.04	≤13	PASS
		40620	2593	26.84	16.62	10.22	≤13	PASS
		41565	2687.5	27.00	16.48	10.52	≤13	PASS
	10	39700	2501	26.69	17.76	8.93	≤13	PASS
		40620	2593	27.15	17.95	9.20	≤13	PASS
		41540	2685	27.18	18.07	9.11	≤13	PASS
	15	39725	2503.5	27.03	17.72	9.31	≤13	PASS
		40620	2593	27.38	18.24	9.14	≤13	PASS

	20	41515	2682.5	27.53	18.32	9.21	≤13	PASS
		39750	2506	26.89	18.09	8.80	≤13	PASS
		40620	2593	27.07	18.35	8.72	≤13	PASS
		41490	2680	27.24	18.41	8.83	≤13	PASS
16QAM	5	39675	2498.5	26.35	16.43	9.92	≤13	PASS
		40620	2593	26.75	17.43	9.32	≤13	PASS
		41565	2687.5	26.50	15.79	10.71	≤13	PASS
	10	39700	2501	26.51	17.12	9.39	≤13	PASS
		40620	2593	26.68	16.12	10.56	≤13	PASS
		41540	2685	27.00	17.92	9.08	≤13	PASS
	15	39725	2503.5	26.70	16.85	9.85	≤13	PASS
		40620	2593	26.95	16.94	10.01	≤13	PASS
		41515	2682.5	26.86	16.25	10.61	≤13	PASS
	20	39750	2506	26.64	16.62	10.02	≤13	PASS
		40620	2593	26.68	16.86	9.82	≤13	PASS
		41490	2680	26.60	15.08	11.52	≤13	PASS

LTE Band 66								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	131979	1710.7	27.51	21.72	5.79	≤13	PASS
		132322	1745	27.53	21.91	5.62	≤13	PASS
		132665	1779.3	27.66	22.03	5.63	≤13	PASS
	3	131987	1711.5	27.65	21.82	5.83	≤13	PASS
		132322	1745	27.56	21.99	5.57	≤13	PASS
		132657	1778.5	27.62	22.01	5.61	≤13	PASS
	5	131997	1712.5	27.61	21.79	5.82	≤13	PASS
		132322	1745	27.59	21.97	5.62	≤13	PASS
		132647	1777.5	27.68	22.10	5.58	≤13	PASS
	10	132022	1715	27.67	21.78	5.89	≤13	PASS
		132322	1745	27.63	21.96	5.67	≤13	PASS
		132622	1775	27.75	22.09	5.66	≤13	PASS
	15	132047	1717.5	28.06	21.81	6.25	≤13	PASS
		132322	1745	27.91	21.92	5.99	≤13	PASS
		132597	1772.5	28.04	22.01	6.03	≤13	PASS
	20	132072	1720	27.71	21.76	5.95	≤13	PASS
		132322	1745	27.58	21.83	5.75	≤13	PASS

		132572	1770	27.77	21.95	5.82	≤13	PASS
16QAM	1.4	131979	1710.7	27.54	21.11	6.43	≤13	PASS
		132322	1745	27.61	21.39	6.22	≤13	PASS
		132665	1779.3	27.71	21.42	6.29	≤13	PASS
	3	131987	1711.5	27.67	21.08	6.59	≤13	PASS
		132322	1745	27.74	21.38	6.36	≤13	PASS
		132657	1778.5	27.70	21.34	6.36	≤13	PASS
	5	131997	1712.5	27.59	21.15	6.44	≤13	PASS
		132322	1745	27.58	21.22	6.36	≤13	PASS
		132647	1777.5	27.57	21.22	6.35	≤13	PASS
	10	132022	1715	27.63	21.05	6.58	≤13	PASS
		132322	1745	27.72	21.28	6.44	≤13	PASS
		132622	1775	27.75	21.37	6.38	≤13	PASS
	15	132047	1717.5	27.82	21.15	6.67	≤13	PASS
		132322	1745	27.71	21.21	6.50	≤13	PASS
		132597	1772.5	27.74	21.31	6.43	≤13	PASS
	20	132072	1720	27.71	21.08	6.63	≤13	PASS
		132322	1745	27.60	21.12	6.48	≤13	PASS
		132572	1770	27.80	21.37	6.43	≤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	QPSK	BPSK	QPSK	BPSK	
Normal (25°C)	Normal	17.44	11.73	0.01006	0.00677	PASS
Extreme (50°C)		10.15	12.34	0.00586	0.00712	PASS
Extreme (40°C)		16.59	11.27	0.00957	0.00650	PASS
Extreme (30°C)		17.36	15.61	0.01002	0.00901	PASS
Extreme (20°C)		12.43	2.90	0.00717	0.00167	PASS
Extreme (10°C)		2.97	9.94	0.00171	0.00574	PASS
Extreme (0°C)		17.94	10.62	0.01035	0.00613	PASS
Extreme (-10°C)		7.82	14.19	0.00451	0.00819	PASS
Extreme (-20°C)		8.78	1.48	0.00507	0.00085	PASS
Extreme (-30°C)		14.80	7.69	0.00854	0.00444	PASS
25°C	LV	16.47	8.31	0.00950	0.00480	PASS
	HV	3.97	4.56	0.00229	0.00263	PASS

LTE Band 4						
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°C)	Normal	9.62	16.38	0.00555	0.00946	PASS
Extreme (50°C)		4.39	2.64	0.00254	0.00153	PASS
Extreme (40°C)		8.56	16.04	0.00494	0.00926	PASS
Extreme (30°C)		14.22	17.97	0.00821	0.01037	PASS
Extreme (20°C)		5.37	16.15	0.00310	0.00932	PASS
Extreme (10°C)		2.33	13.63	0.00135	0.00787	PASS
Extreme (0°C)		8.77	3.96	0.00506	0.00228	PASS
Extreme (-10°C)		5.13	4.69	0.00296	0.00271	PASS
Extreme (-20°C)		10.00	3.29	0.00577	0.00190	PASS
Extreme (-30°C)		2.57	13.77	0.00148	0.00795	PASS
25°C	LV	2.77	15.38	0.00160	0.00888	PASS
	HV	13.15	9.86	0.00759	0.00569	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°C)	Normal	3.43	2.80	0.00198	0.00162	PASS
Extreme (50°C)		16.61	16.23	0.00959	0.00937	PASS
Extreme (40°C)		6.93	10.89	0.00400	0.00628	PASS
Extreme (30°C)		17.27	16.62	0.00997	0.00959	PASS
Extreme (20°C)		11.93	10.72	0.00688	0.00618	PASS
Extreme (10°C)		17.92	15.04	0.01035	0.00868	PASS
Extreme (0°C)		2.56	7.57	0.00148	0.00437	PASS
Extreme (-10°C)		14.19	8.50	0.00819	0.00491	PASS
Extreme (-20°C)		10.43	2.86	0.00602	0.00165	PASS
Extreme (-30°C)		12.86	9.17	0.00742	0.00529	PASS
25°C	LV	11.96	7.26	0.00690	0.00419	PASS
	HV	17.23	13.21	0.00994	0.00762	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°C)	Normal	7.79	12.76	0.00450	0.00737	
Extreme (50°C)		13.63	13.85	0.00787	0.00799	PASS
Extreme (40°C)		4.49	17.17	0.00259	0.00991	PASS
Extreme (30°C)		1.84	8.91	0.00106	0.00514	PASS
Extreme (20°C)		5.42	7.14	0.00313	0.00412	PASS
Extreme (10°C)		16.47	14.77	0.00951	0.00853	PASS
Extreme (0°C)		3.69	3.68	0.00213	0.00213	PASS
Extreme (-10°C)		12.95	16.83	0.00747	0.00971	PASS
Extreme (-20°C)		8.93	11.47	0.00515	0.00662	PASS
Extreme (-30°C)		7.70	13.95	0.00444	0.00805	PASS
25°C	LV	8.09	7.61	0.00467	0.00439	PASS
	HV	8.02	13.31	0.00463	0.00768	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°C)	Normal	10.37	9.19	0.00599	0.00531	
Extreme (50°C)		11.47	12.51	0.00662	0.00722	PASS
Extreme (40°C)		4.70	3.90	0.00271	0.00225	PASS
Extreme (30°C)		9.40	14.31	0.00542	0.00826	PASS
Extreme (20°C)		10.58	6.47	0.00611	0.00374	PASS
Extreme (10°C)		2.69	1.94	0.00155	0.00112	PASS
Extreme (0°C)		5.02	16.31	0.00290	0.00942	PASS
Extreme (-10°C)		3.92	11.90	0.00226	0.00687	PASS
Extreme (-20°C)		11.65	9.09	0.00673	0.00524	PASS
Extreme (-30°C)		12.01	11.77	0.00693	0.00679	PASS

25°C		LV	6.03	15.94	0.00348	0.00920	PASS
		HV	2.28	2.80	0.00132	0.00162	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°C)	Normal		9.99	7.33	0.00577	0.00423	PASS
Extreme (50°C)			1.15	7.34	0.00067	0.00423	PASS
Extreme (40°C)			12.82	15.00	0.00740	0.00866	PASS
Extreme (30°C)			13.00	1.00	0.00751	0.00058	PASS
Extreme (20°C)			7.09	12.80	0.00409	0.00739	PASS
Extreme (10°C)			4.20	4.79	0.00242	0.00276	PASS
Extreme (0°C)			14.03	7.04	0.00810	0.00406	PASS
Extreme (-10°C)			16.64	1.43	0.00960	0.00082	PASS
Extreme (-20°C)			4.90	10.92	0.00283	0.00630	PASS
Extreme (-30°C)			15.19	4.36	0.00877	0.00252	PASS
25°C		LV		10.62	3.68	0.00613	0.00213
	HV		3.59	15.79	0.00207	0.00912	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°C)	Normal		3.63	13.39	0.00209	0.00773	PASS
Extreme (50°C)			13.22	5.50	0.00763	0.00317	PASS
Extreme (40°C)			5.43	17.26	0.00313	0.00996	PASS
Extreme (30°C)			12.33	12.75	0.00712	0.00736	PASS
Extreme (20°C)			15.82	17.69	0.00913	0.01021	PASS
Extreme (10°C)			11.60	2.47	0.00670	0.00143	PASS
Extreme (0°C)			17.63	2.09	0.01017	0.00121	PASS
Extreme (-10°C)			6.63	14.72	0.00383	0.00849	PASS
Extreme (-20°C)			2.11	5.41	0.00122	0.00312	PASS
Extreme (-30°C)			7.58	1.36	0.00437	0.00078	PASS
25°C		LV		7.98	6.83	0.00461	0.00394
	HV		4.53	15.28	0.00262	0.00882	PASS

LTE Band 7						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	12.25	15.91	0.00483	0.00628	PASS
Extreme (50°C)		7.38	7.52	0.00291	0.00297	PASS
Extreme (40°C)		8.53	7.79	0.00336	0.00307	PASS
Extreme (30°C)		15.90	9.65	0.00627	0.00381	PASS
Extreme (20°C)		6.61	13.39	0.00261	0.00528	PASS
Extreme (10°C)		1.60	17.65	0.00063	0.00696	PASS
Extreme (0°C)		9.05	16.92	0.00357	0.00667	PASS
Extreme (-10°C)		2.03	7.50	0.00080	0.00296	PASS
Extreme (-20°C)		4.79	8.17	0.00189	0.00322	PASS
Extreme (-30°C)		15.35	3.33	0.00605	0.00131	PASS
25°C	LV	6.37	4.13	0.00251	0.00163	PASS
	HV	17.81	14.84	0.00703	0.00585	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	10MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	9.91	5.51	0.00391	0.00217	PASS
Extreme (50°C)		1.91	8.76	0.00075	0.00346	PASS
Extreme (40°C)		7.68	6.05	0.00303	0.00239	PASS
Extreme (30°C)		4.13	17.63	0.00163	0.00696	PASS
Extreme (20°C)		5.76	8.11	0.00227	0.00320	PASS
Extreme (10°C)		15.41	16.05	0.00608	0.00633	PASS
Extreme (0°C)		15.90	9.26	0.00627	0.00365	PASS
Extreme (-10°C)		17.13	6.28	0.00676	0.00248	PASS
Extreme (-20°C)		9.01	1.63	0.00356	0.00064	PASS
Extreme (-30°C)		17.71	14.48	0.00699	0.00571	PASS
25°C	LV	5.11	8.08	0.00202	0.00319	PASS
	HV	5.05	5.91	0.00199	0.00233	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	15MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	10.34	17.81	0.00408	0.00703	PASS
Extreme (50°C)		11.93	10.12	0.00470	0.00399	PASS
Extreme (40°C)		1.71	14.54	0.00068	0.00574	PASS

Extreme (30°C)		12.12	10.30	0.00478	0.00406	PASS
Extreme (20°C)		11.98	13.17	0.00473	0.00520	PASS
Extreme (10°C)		14.95	12.62	0.00590	0.00498	PASS
Extreme (0°C)		6.74	12.94	0.00266	0.00510	PASS
Extreme (-10°C)		17.68	7.73	0.00698	0.00305	PASS
Extreme (-20°C)		8.93	8.80	0.00352	0.00347	PASS
Extreme (-30°C)		15.92	1.75	0.00628	0.00069	PASS
25°C	LV	10.44	6.57	0.00412	0.00259	PASS
	HV	2.77	12.12	0.00109	0.00478	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°C)	Normal	10.14	2.78	0.00400	0.00110	
Extreme (50°C)		4.06	11.86	0.00160	0.00468	PASS
Extreme (40°C)		13.60	12.99	0.00536	0.00512	PASS
Extreme (30°C)		4.84	10.43	0.00191	0.00411	PASS
Extreme (20°C)		15.82	7.65	0.00624	0.00302	PASS
Extreme (10°C)		13.00	3.71	0.00513	0.00146	PASS
Extreme (0°C)		10.37	5.40	0.00409	0.00213	PASS
Extreme (-10°C)		5.63	3.58	0.00222	0.00141	PASS
Extreme (-20°C)		8.70	10.29	0.00343	0.00406	PASS
Extreme (-30°C)		4.92	9.63	0.00194	0.00380	PASS
25°C	LV	1.19	17.31	0.00047	0.00683	PASS
	HV	7.48	4.88	0.00295	0.00193	PASS

LTE Band 38						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25°C)	Normal	5.20	11.92	0.00201	0.00459	
Extreme (50°C)		6.79	10.56	0.00262	0.00407	PASS
Extreme (40°C)		8.17	10.79	0.00315	0.00416	PASS
Extreme (30°C)		11.50	12.03	0.00443	0.00464	PASS
Extreme (20°C)		3.55	3.05	0.00137	0.00117	PASS
Extreme (10°C)		10.20	10.14	0.00393	0.00391	PASS
Extreme (0°C)		10.60	4.51	0.00409	0.00174	PASS
Extreme (-10°C)		13.86	9.22	0.00534	0.00355	PASS
Extreme (-20°C)		10.22	13.94	0.00394	0.00537	PASS
Extreme (-30°C)		8.93	5.47	0.00344	0.00211	PASS
25°C	LV	17.77	10.34	0.00685	0.00398	PASS

	HV	12.51	5.97	0.00482	0.00230	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°C)	Normal	1.88	7.25	0.00072	0.00279	PASS
Extreme (50°C)		16.03	2.48	0.00618	0.00095	PASS
Extreme (40°C)		8.85	9.71	0.00341	0.00374	PASS
Extreme (30°C)		17.24	13.09	0.00664	0.00504	PASS
Extreme (20°C)		5.56	2.73	0.00214	0.00105	PASS
Extreme (10°C)		5.23	16.49	0.00202	0.00635	PASS
Extreme (0°C)		12.66	2.06	0.00488	0.00079	PASS
Extreme (-10°C)		15.02	11.66	0.00579	0.00449	PASS
Extreme (-20°C)		5.71	12.15	0.00220	0.00468	PASS
Extreme (-30°C)		3.72	9.71	0.00143	0.00374	PASS
25°C	LV	12.59	5.71	0.00485	0.00220	PASS
	HV	9.47	17.44	0.00365	0.00672	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°C)	Normal	6.20	7.11	0.00239	0.00274	PASS
Extreme (50°C)		17.44	9.44	0.00672	0.00364	PASS
Extreme (40°C)		9.82	9.61	0.00378	0.00371	PASS
Extreme (30°C)		9.74	14.20	0.00375	0.00547	PASS
Extreme (20°C)		9.50	7.51	0.00366	0.00290	PASS
Extreme (10°C)		14.26	13.99	0.00549	0.00539	PASS
Extreme (0°C)		6.53	13.08	0.00252	0.00504	PASS
Extreme (-10°C)		14.94	7.66	0.00576	0.00295	PASS
Extreme (-20°C)		11.04	17.48	0.00425	0.00674	PASS
Extreme (-30°C)		6.96	4.45	0.00268	0.00171	PASS
25°C	LV	5.03	9.04	0.00194	0.00348	PASS
	HV	17.30	16.80	0.00667	0.00647	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°C)	Normal	9.61	15.03	0.00370	0.00579	PASS
Extreme (50°C)		8.94	10.46	0.00345	0.00403	PASS
Extreme (40°C)		7.18	3.54	0.00277	0.00136	PASS
Extreme (30°C)		6.98	15.10	0.00269	0.00582	PASS

Extreme (20°C)		15.01	1.95	0.00578	0.00075	PASS
Extreme (10°C)		14.02	3.22	0.00540	0.00124	PASS
Extreme (0°C)		6.68	5.49	0.00257	0.00212	PASS
Extreme (-10°C)		15.78	13.39	0.00608	0.00516	PASS
Extreme (-20°C)		1.92	9.45	0.00074	0.00364	PASS
Extreme (-30°C)		14.43	7.42	0.00556	0.00286	PASS
25°C	LV	14.11	13.36	0.00544	0.00515	PASS
	HV	1.58	7.85	0.00061	0.00302	PASS

LTE Band 40 Subset 1						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25°C)	Normal	9.38	14.19	0.00406	0.00614	PASS
Extreme (50°C)		10.27	8.55	0.00445	0.00370	PASS
Extreme (40°C)		2.23	12.68	0.00097	0.00549	PASS
Extreme (30°C)		10.89	12.54	0.00471	0.00543	PASS
Extreme (20°C)		17.79	2.22	0.00770	0.00096	PASS
Extreme (10°C)		7.12	2.63	0.00308	0.00114	PASS
Extreme (0°C)		12.04	13.77	0.00521	0.00596	PASS
Extreme (-10°C)		2.91	1.04	0.00126	0.00045	PASS
Extreme (-20°C)		3.16	10.27	0.00137	0.00444	PASS
Extreme (-30°C)		2.08	10.33	0.00090	0.00447	PASS
25°C	LV	9.55	3.22	0.00413	0.00139	PASS
	HV	5.07	12.10	0.00220	0.00524	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°C)	Normal	14.33	6.37	0.00620	0.00276	PASS
Extreme (50°C)		10.63	7.08	0.00460	0.00306	PASS
Extreme (40°C)		13.09	9.79	0.00566	0.00424	PASS
Extreme (30°C)		2.33	2.88	0.00101	0.00125	PASS
Extreme (20°C)		4.57	16.84	0.00198	0.00729	PASS
Extreme (10°C)		17.24	9.89	0.00746	0.00428	PASS
Extreme (0°C)		6.29	11.77	0.00272	0.00510	PASS
Extreme (-10°C)		13.12	5.80	0.00568	0.00251	PASS
Extreme (-20°C)		15.35	9.60	0.00665	0.00416	PASS
Extreme (-30°C)		13.35	3.57	0.00578	0.00155	PASS
25°C	LV	2.91	6.19	0.00126	0.00268	PASS
	HV	6.05	2.70	0.00262	0.00117	PASS

LTE Band 40 Subset 2						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	14.59	11.45	0.00619	0.00486	PASS
Extreme (50°C)		17.18	1.62	0.00730	0.00069	PASS
Extreme (40°C)		8.15	9.34	0.00346	0.00396	PASS
Extreme (30°C)		9.55	11.53	0.00405	0.00489	PASS
Extreme (20°C)		7.23	7.95	0.00307	0.00338	PASS
Extreme (10°C)		3.80	15.05	0.00161	0.00639	PASS
Extreme (0°C)		12.75	11.52	0.00541	0.00489	PASS
Extreme (-10°C)		6.78	15.47	0.00288	0.00657	PASS
Extreme (-20°C)		9.13	15.79	0.00388	0.00671	PASS
Extreme (-30°C)		7.36	13.96	0.00313	0.00593	PASS
25°C	LV	8.00	12.18	0.00340	0.00517	PASS
	HV	3.99	17.26	0.00170	0.00733	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	10MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	15.04	3.20	0.00639	0.00136	PASS
Extreme (50°C)		10.60	8.00	0.00450	0.00340	PASS
Extreme (40°C)		5.52	2.71	0.00235	0.00115	PASS
Extreme (30°C)		4.93	10.63	0.00209	0.00452	PASS
Extreme (20°C)		4.12	5.20	0.00175	0.00221	PASS
Extreme (10°C)		14.14	11.81	0.00600	0.00501	PASS
Extreme (0°C)		15.36	2.83	0.00652	0.00120	PASS
Extreme (-10°C)		10.47	16.27	0.00445	0.00691	PASS
Extreme (-20°C)		5.82	5.93	0.00247	0.00252	PASS
Extreme (-30°C)		7.56	11.97	0.00321	0.00508	PASS
25°C	LV	13.39	10.93	0.00568	0.00464	PASS
	HV	3.23	15.59	0.00137	0.00662	PASS

LTE Band 41						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	5MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	8.34	7.05	0.00322	0.00272	PASS
Extreme (50°C)		9.37	7.47	0.00362	0.00288	PASS
Extreme (40°C)		5.78	10.77	0.00223	0.00415	PASS
Extreme (30°C)		1.37	7.50	0.00053	0.00289	PASS
Extreme (20°C)		9.19	10.61	0.00354	0.00409	PASS
Extreme (10°C)		4.86	13.19	0.00187	0.00509	PASS
Extreme (0°C)		4.30	13.24	0.00166	0.00511	PASS
Extreme (-10°C)		12.72	12.49	0.00491	0.00482	PASS
Extreme (-20°C)		16.70	2.14	0.00644	0.00083	PASS
Extreme (-30°C)		13.37	2.56	0.00515	0.00099	PASS
25°C	LV	10.80	1.49	0.00417	0.00057	PASS
	HV	3.01	2.30	0.00116	0.00089	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	10MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	1.27	6.98	0.00049	0.00269	PASS
Extreme (50°C)		16.66	8.06	0.00642	0.00311	PASS
Extreme (40°C)		13.92	7.51	0.00537	0.00290	PASS
Extreme (30°C)		10.19	13.82	0.00393	0.00533	PASS
Extreme (20°C)		13.51	7.98	0.00521	0.00308	PASS
Extreme (10°C)		15.84	11.03	0.00611	0.00425	PASS
Extreme (0°C)		13.15	14.75	0.00507	0.00569	PASS
Extreme (-10°C)		7.18	10.79	0.00277	0.00416	PASS
Extreme (-20°C)		2.89	15.34	0.00112	0.00591	PASS
Extreme (-30°C)		11.35	4.77	0.00438	0.00184	PASS
25°C	LV	6.21	15.87	0.00239	0.00612	PASS
	HV	5.52	2.41	0.00213	0.00093	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	15MHz	16QAM	QPSK	16QAM	QPSK	
Temperature	Voltage					
Normal (25°C)	Normal	10.34	1.43	0.00399	0.00055	PASS
Extreme (50°C)		2.69	15.01	0.00104	0.00579	PASS
Extreme (40°C)		13.62	2.64	0.00525	0.00102	PASS

Extreme (30°C)		11.19	10.59	0.00432	0.00408	PASS
Extreme (20°C)		15.91	17.89	0.00613	0.00690	PASS
Extreme (10°C)		1.47	7.18	0.00057	0.00277	PASS
Extreme (0°C)		13.04	16.86	0.00503	0.00650	PASS
Extreme (-10°C)		2.01	15.18	0.00077	0.00585	PASS
Extreme (-20°C)		11.14	13.73	0.00430	0.00530	PASS
Extreme (-30°C)		12.49	4.84	0.00482	0.00187	PASS
25°C	LV	3.23	17.70	0.00125	0.00683	PASS
	HV	5.47	6.00	0.00211	0.00231	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°C)	Normal	17.00	6.02	0.00656	0.00232	
Extreme (50°C)		5.51	9.27	0.00213	0.00357	PASS
Extreme (40°C)		7.48	17.15	0.00288	0.00661	PASS
Extreme (30°C)		12.85	15.23	0.00496	0.00587	PASS
Extreme (20°C)		10.29	17.92	0.00397	0.00691	PASS
Extreme (10°C)		9.16	13.64	0.00353	0.00526	PASS
Extreme (0°C)		3.98	11.41	0.00154	0.00440	PASS
Extreme (-10°C)		8.31	2.75	0.00321	0.00106	PASS
Extreme (-20°C)		11.86	9.22	0.00457	0.00355	PASS
Extreme (-30°C)		17.81	3.48	0.00687	0.00134	PASS
25°C	LV	16.44	5.15	0.00634	0.00199	PASS
	HV	4.12	7.39	0.00159	0.00285	PASS

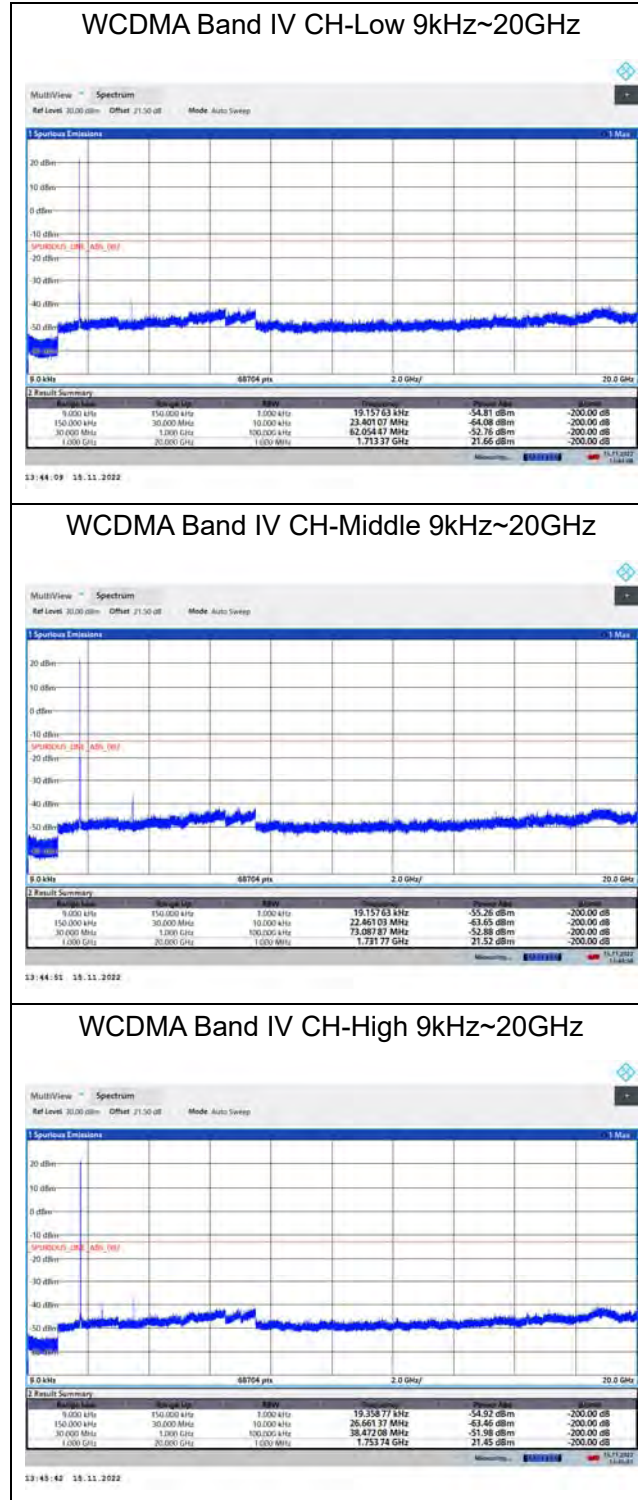
LTE Band 66						
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability (ppm)	Frequency Stability (ppm)	Verdict
BANDWIDTH	1.4MHz					
Temperature	Voltage	16QAM	QPSK	16QAM	QPSK	
Normal (25°C)	Normal	17.25	5.84	0.00989	0.00335	
Extreme (50°C)		5.21	12.90	0.00298	0.00739	PASS
Extreme (40°C)		16.75	10.87	0.00960	0.00623	PASS
Extreme (30°C)		5.17	15.37	0.00296	0.00881	PASS
Extreme (20°C)		2.67	13.44	0.00153	0.00770	PASS
Extreme (10°C)		17.05	5.88	0.00977	0.00337	PASS
Extreme (0°C)		11.65	9.36	0.00667	0.00536	PASS
Extreme (-10°C)		4.33	12.36	0.00248	0.00708	PASS
Extreme (-20°C)		15.94	11.09	0.00913	0.00635	PASS
Extreme (-30°C)		9.35	3.57	0.00536	0.00205	PASS
25°C	LV	11.54	16.40	0.00661	0.00940	PASS

	HV	6.98	2.97	0.00400	0.00170	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°C)	Normal	1.63	10.67	0.00093	0.00612	PASS
Extreme (50°C)		16.28	13.91	0.00933	0.00797	PASS
Extreme (40°C)		16.45	13.92	0.00943	0.00798	PASS
Extreme (30°C)		16.31	14.68	0.00934	0.00841	PASS
Extreme (20°C)		6.80	11.22	0.00390	0.00643	PASS
Extreme (10°C)		11.44	11.05	0.00656	0.00633	PASS
Extreme (0°C)		9.39	1.33	0.00538	0.00076	PASS
Extreme (-10°C)		4.53	9.43	0.00259	0.00540	PASS
Extreme (-20°C)		2.49	1.91	0.00143	0.00109	PASS
Extreme (-30°C)		7.43	9.64	0.00426	0.00552	PASS
25°C	LV	4.35	14.51	0.00249	0.00831	PASS
	HV	15.14	4.15	0.00868	0.00238	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°C)	Normal	5.67	16.62	0.00325	0.00952	PASS
Extreme (50°C)		4.23	2.95	0.00242	0.00169	PASS
Extreme (40°C)		3.39	14.96	0.00194	0.00857	PASS
Extreme (30°C)		17.53	8.21	0.01004	0.00471	PASS
Extreme (20°C)		11.55	5.98	0.00662	0.00343	PASS
Extreme (10°C)		6.53	2.76	0.00374	0.00158	PASS
Extreme (0°C)		2.38	9.82	0.00136	0.00563	PASS
Extreme (-10°C)		4.02	5.26	0.00230	0.00302	PASS
Extreme (-20°C)		10.39	6.39	0.00595	0.00366	PASS
Extreme (-30°C)		3.14	5.08	0.00180	0.00291	PASS
25°C	LV	9.07	1.61	0.00520	0.00093	PASS
	HV	10.45	14.64	0.00599	0.00839	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°C)	Normal	6.85	10.19	0.00393	0.00584	PASS
Extreme (50°C)		3.82	7.99	0.00219	0.00458	PASS
Extreme (40°C)		13.55	9.80	0.00777	0.00561	PASS
Extreme (30°C)		6.11	5.25	0.00350	0.00301	PASS

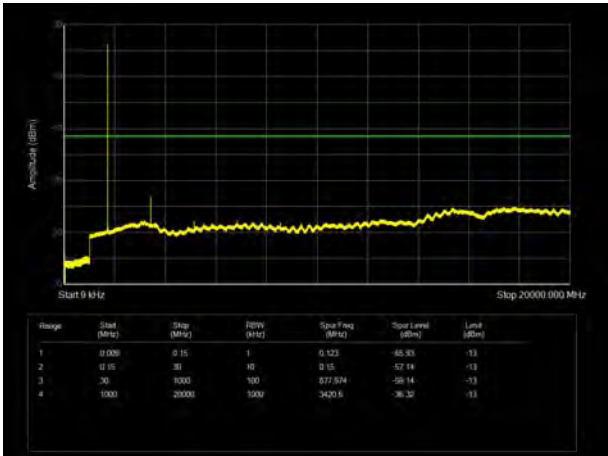
Extreme (20°C)		14.33	16.67	0.00821	0.00955	PASS	
Extreme (10°C)		7.19	10.61	0.00412	0.00608	PASS	
Extreme (0°C)		8.97	6.79	0.00514	0.00389	PASS	
Extreme (-10°C)		13.89	14.04	0.00796	0.00804	PASS	
Extreme (-20°C)		7.46	2.59	0.00427	0.00148	PASS	
Extreme (-30°C)		9.75	9.68	0.00559	0.00555	PASS	
25°C	LV	13.75	15.89	0.00788	0.00910	PASS	
	HV	9.67	14.40	0.00554	0.00825	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°C)	Normal	2.22	11.51	0.00127	0.00660	PASS	
Extreme (50°C)		16.85	12.13	0.00966	0.00695	PASS	
Extreme (40°C)		5.89	4.37	0.00338	0.00250	PASS	
Extreme (30°C)		10.78	16.30	0.00618	0.00934	PASS	
Extreme (20°C)		7.22	1.80	0.00414	0.00103	PASS	
Extreme (10°C)		2.20	6.10	0.00126	0.00350	PASS	
Extreme (0°C)		6.79	11.19	0.00389	0.00641	PASS	
Extreme (-10°C)		9.55	12.41	0.00547	0.00711	PASS	
Extreme (-20°C)		10.97	5.36	0.00629	0.00307	PASS	
Extreme (-30°C)		4.78	13.15	0.00274	0.00753	PASS	
25°C		LV	3.19	12.06	0.00183	0.00691	PASS
		HV	12.41	3.65	0.00711	0.00209	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°C)	Normal	9.69	14.17	0.00555	0.00812	PASS	
Extreme (50°C)		2.46	9.46	0.00141	0.00542	PASS	
Extreme (40°C)		11.93	8.81	0.00684	0.00505	PASS	
Extreme (30°C)		13.62	1.30	0.00781	0.00075	PASS	
Extreme (20°C)		8.86	11.48	0.00508	0.00658	PASS	
Extreme (10°C)		1.52	1.08	0.00087	0.00062	PASS	
Extreme (0°C)		13.99	10.34	0.00802	0.00593	PASS	
Extreme (-10°C)		15.05	11.87	0.00862	0.00680	PASS	
Extreme (-20°C)		14.98	4.46	0.00859	0.00256	PASS	
Extreme (-30°C)		9.98	2.64	0.00572	0.00152	PASS	
25°C		LV	15.01	8.13	0.00860	0.00466	PASS
		HV	10.65	16.38	0.00610	0.00939	PASS

6.6 Spurious Emissions at Antenna Terminals

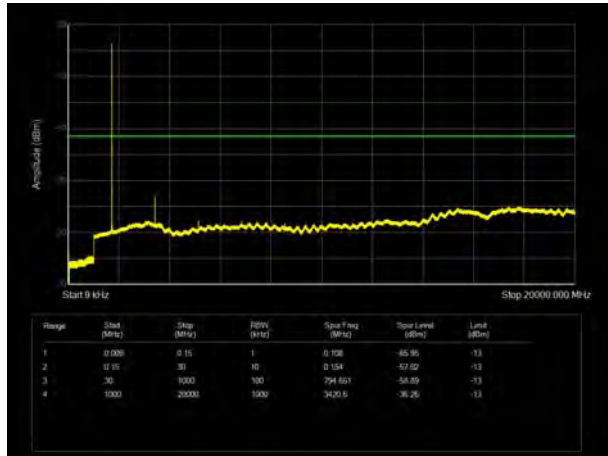
Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported. The signal beyond the limit is carrier.



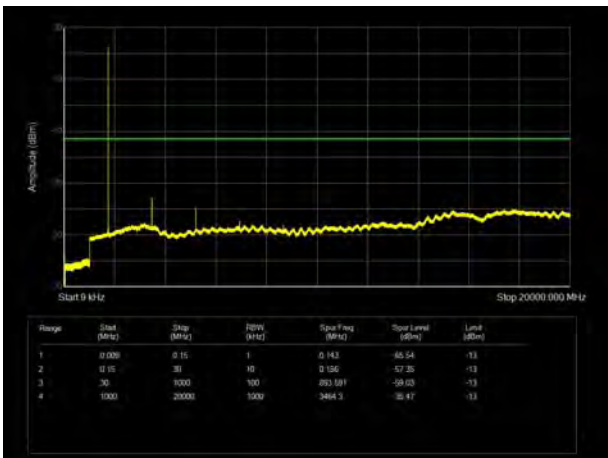
LTE Band 4 1.4MHz CH-Low 9kHz~20GHz



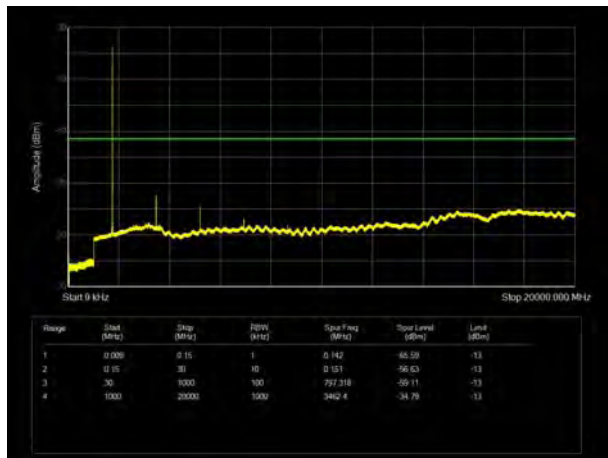
LTE Band 4 3MHz CH- Low 9kHz~20GHz



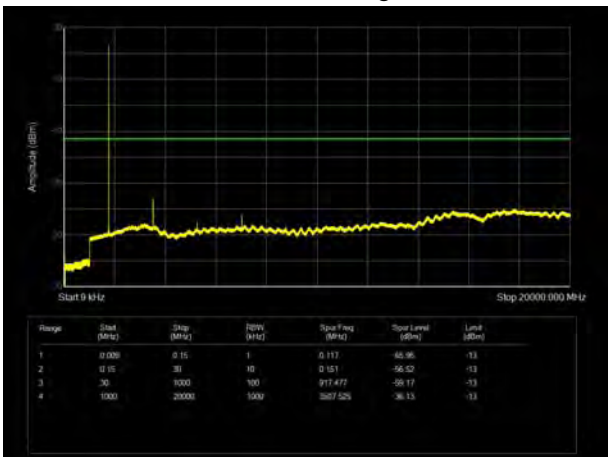
LTE Band 4 1.4MHz CH- Middle 9kHz~20GHz



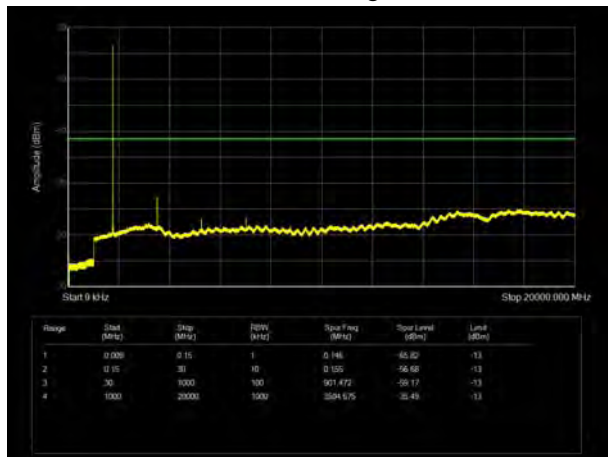
LTE Band 4 3MHz CH- Middle 9kHz~20GHz



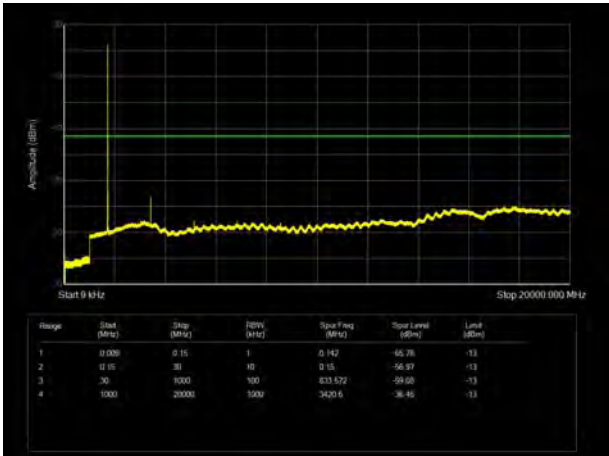
LTE Band 4 1.4MHz CH- High 9kHz~20GHz



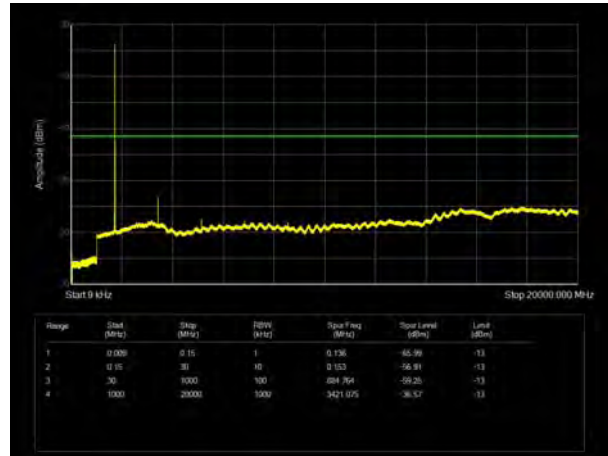
LTE Band 4 3MHz CH-High 9kHz~20GHz



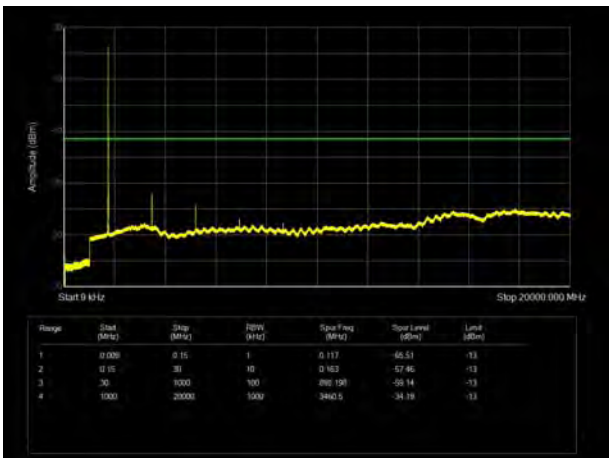
LTE Band 4 5MHz CH- Low 9kHz~20GHz



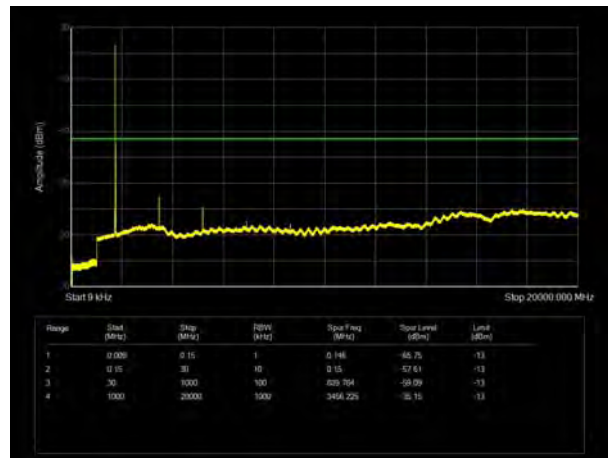
LTE Band 4 10MHz CH-Low 9kHz~20GHz



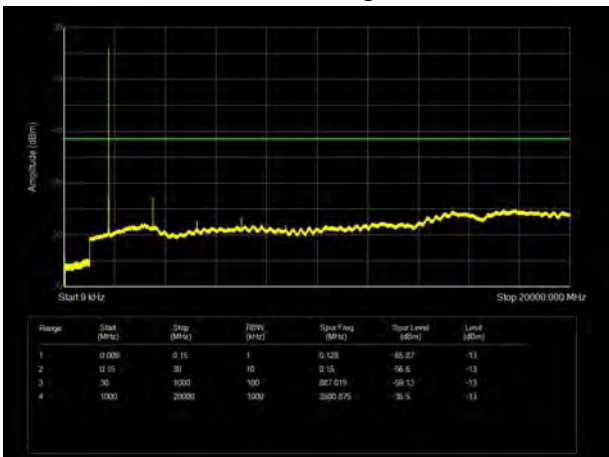
LTE Band 4 5MHz CH- Middle 9kHz~20GHz



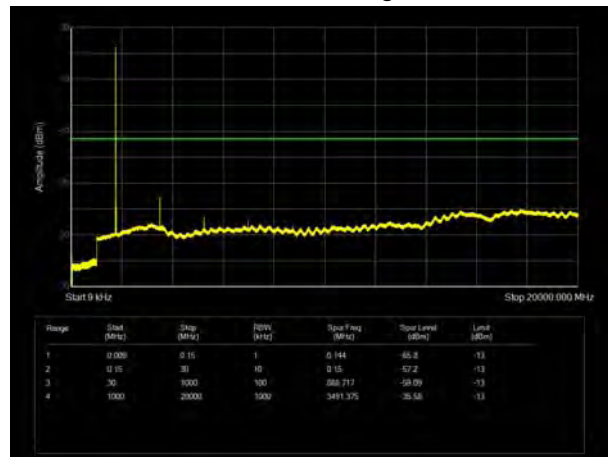
LTE Band 4 10MHz CH- Middle 9kHz~20GHz



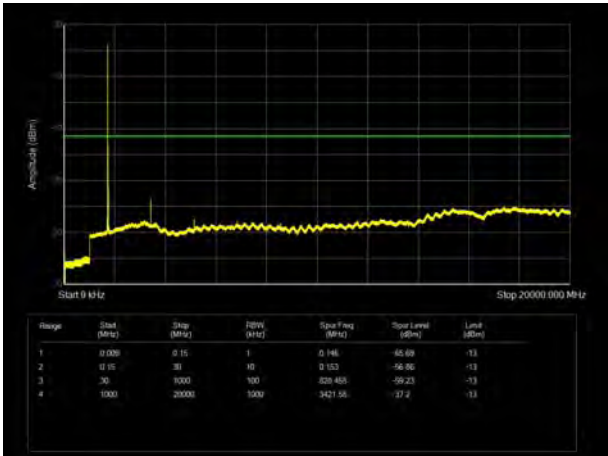
LTE Band 4 5MHz CH-High 9kHz~20GHz



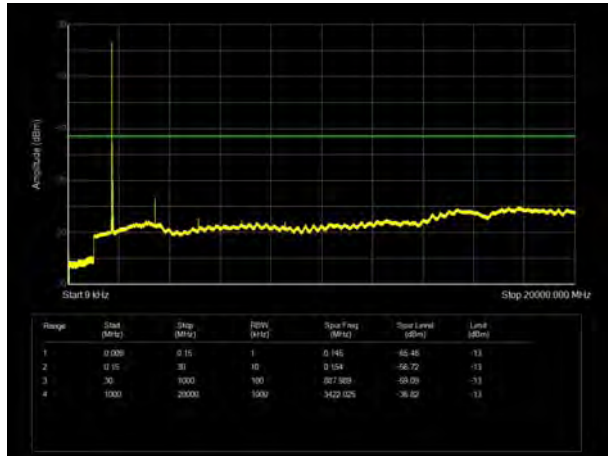
LTE Band 4 10MHz CH- High 9kHz~20GHz



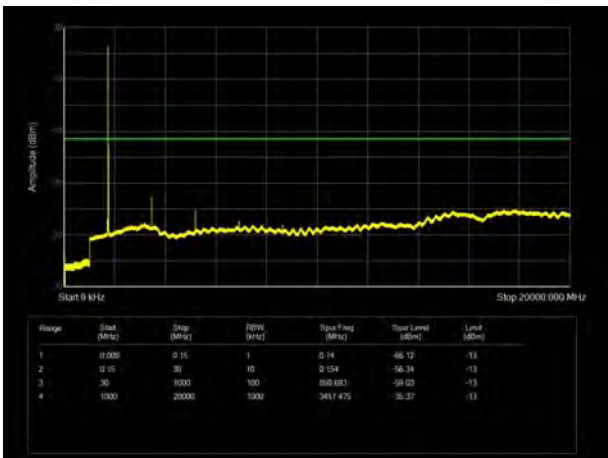
LTE Band 4 15MHz CH- Low 9kHz~20GHz



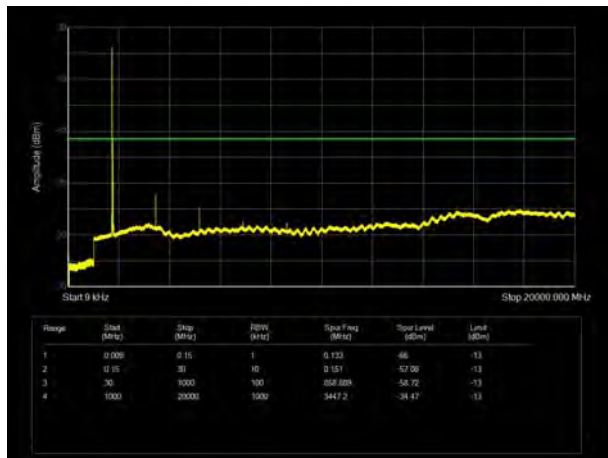
LTE Band 4 20MHz CH-Low 9kHz~20GHz



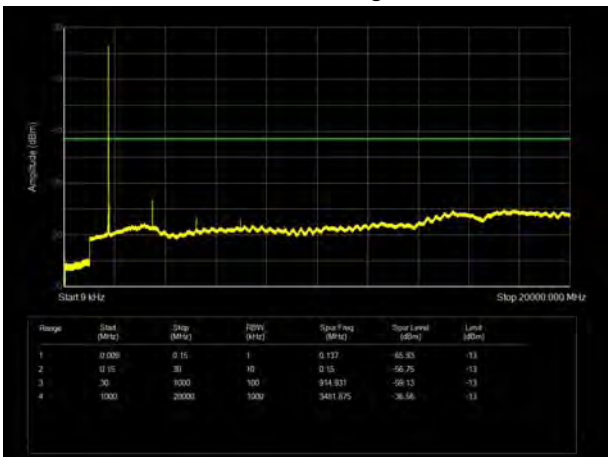
LTE Band 4 15MHz CH- Middle 9kHz~20GHz



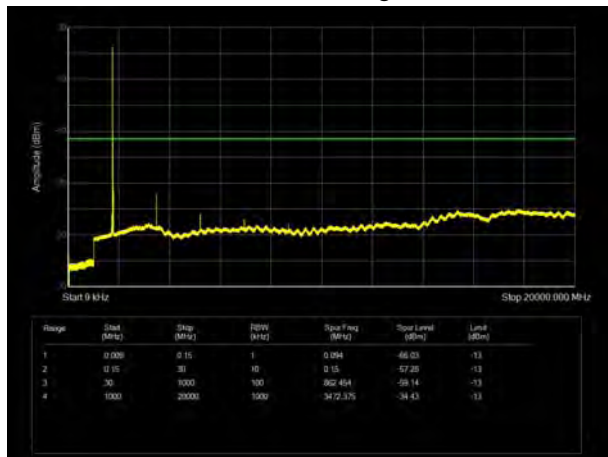
LTE Band 4 20MHz CH- Middle 9kHz~20GHz



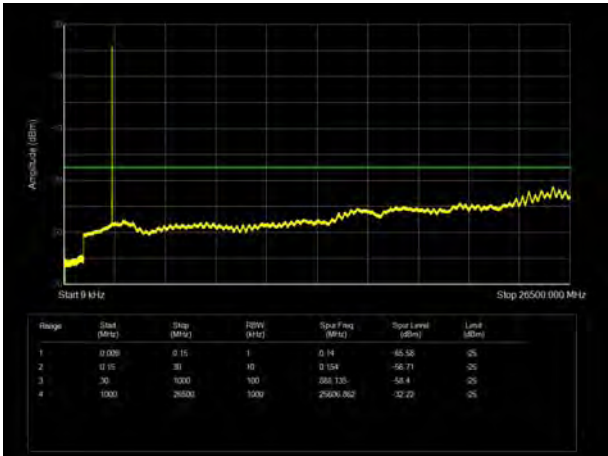
LTE Band 4 15MHz CH-High 9kHz~20GHz



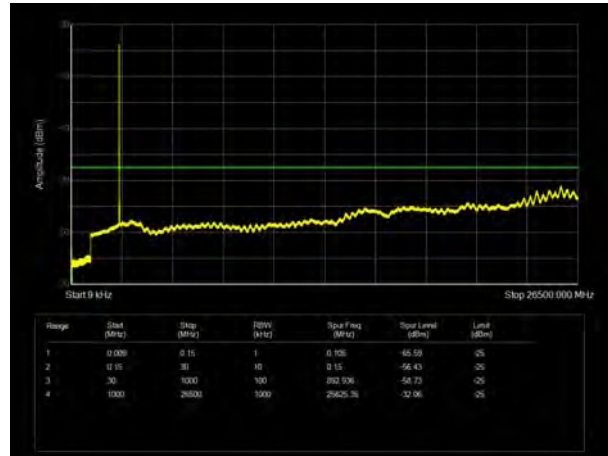
LTE Band 4 20MHz CH- High 9kHz~20GHz



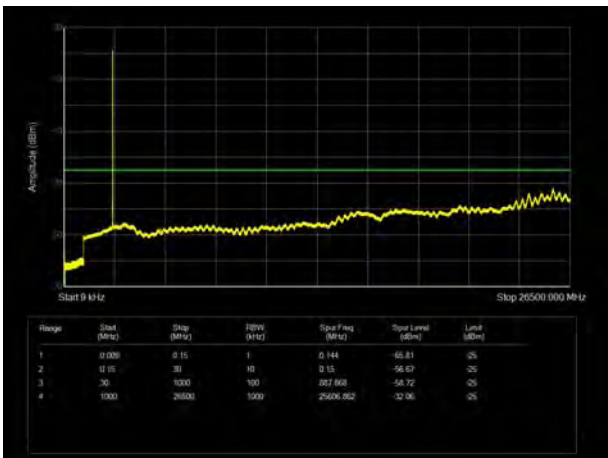
LTE Band 7 5MHz CH- Low 9kHz~26.5GHz



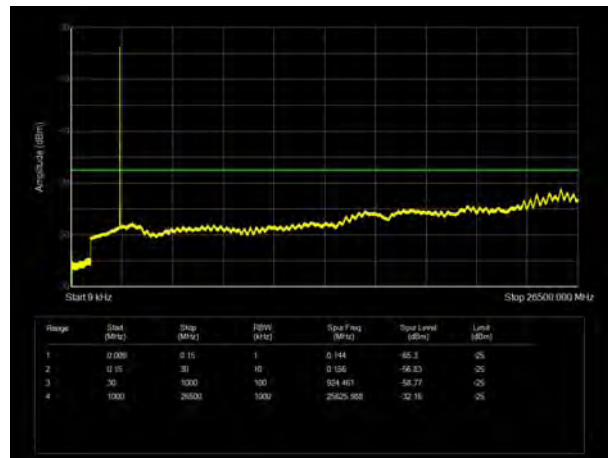
LTE Band 7 10MHz CH-Low 9kHz~26.5GHz



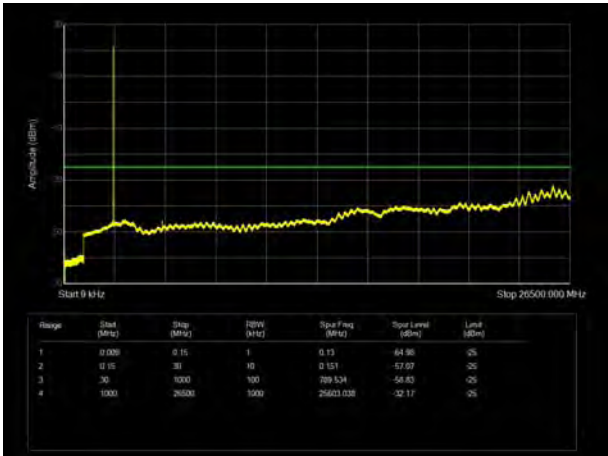
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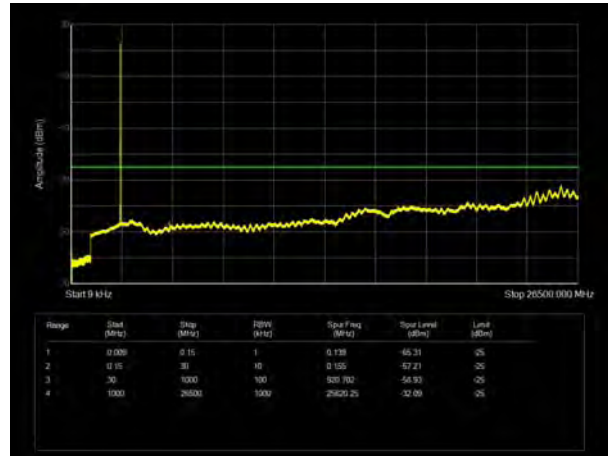
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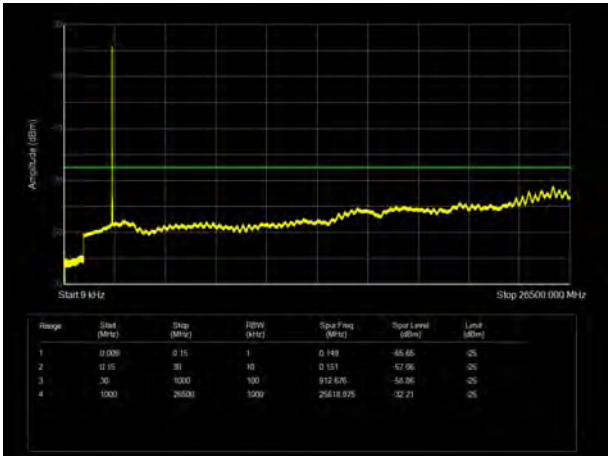
LTE Band 7 5MHz CH-High 9kHz~26.5GHz



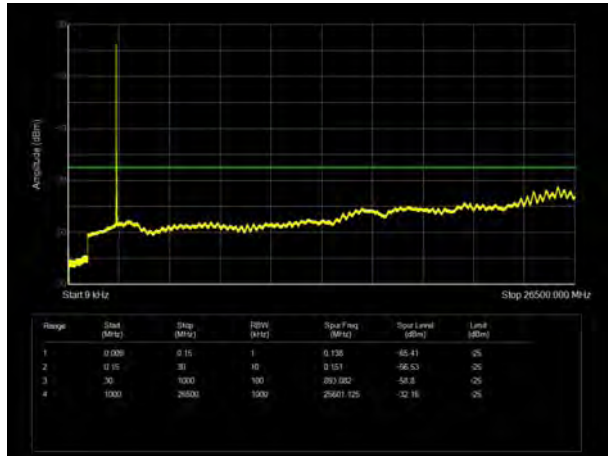
LTE Band 7 10MHz CH- High 9kHz~26.5GHz



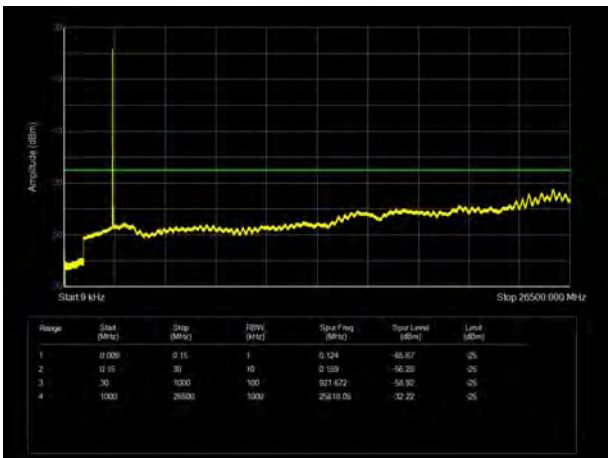
LTE Band 7 15MHz CH- Low 9kHz~26.5GHz



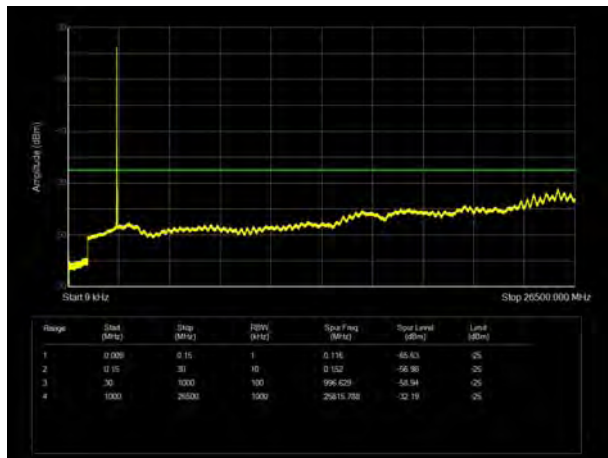
LTE Band 7 20MHz CH-Low 9kHz~26.5GHz



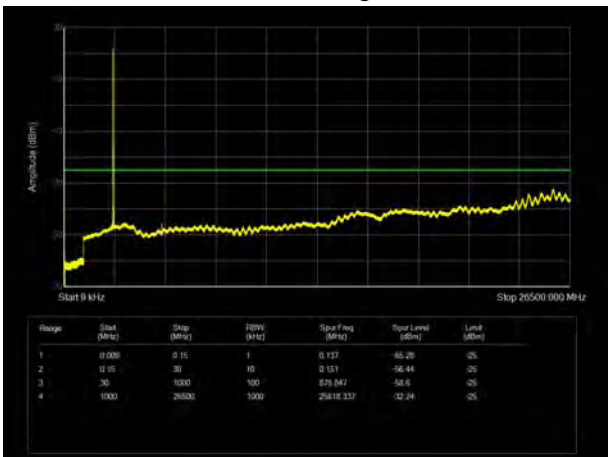
LTE Band 7 15MHz CH- Middle 9kHz~26.5GHz



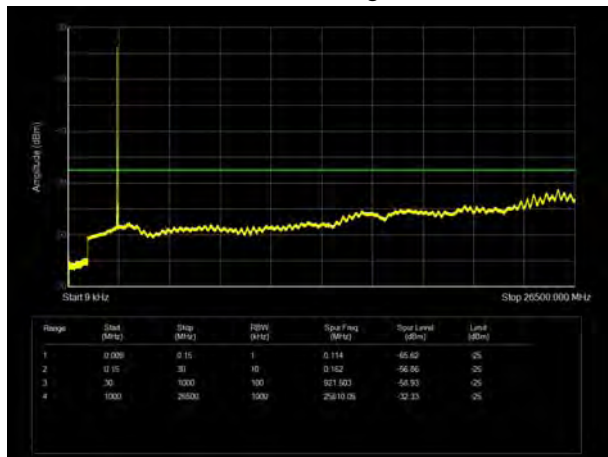
LTE Band 7 20MHz CH- Middle 9kHz~26.5GHz



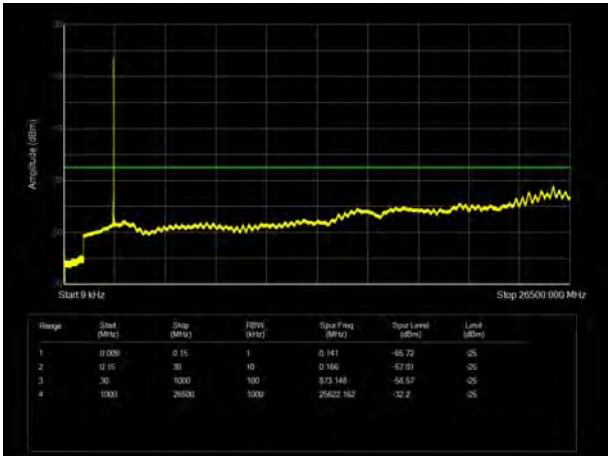
LTE Band 7 15MHz CH-High 9kHz~26.5GHz



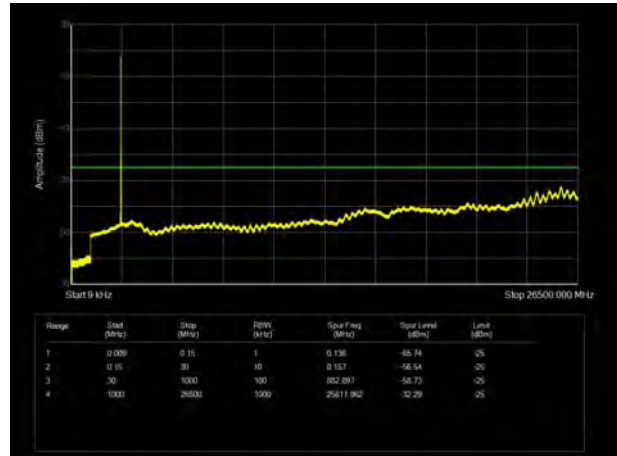
LTE Band 7 20MHz CH- High 9kHz~26.5GHz



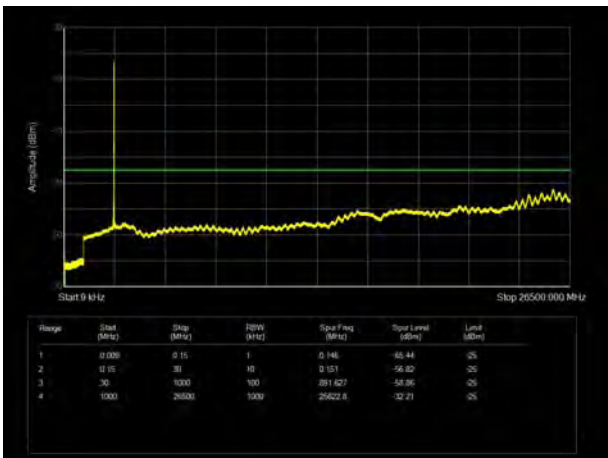
LTE Band 38 5MHz CH- Low 9kHz~26.5GHz



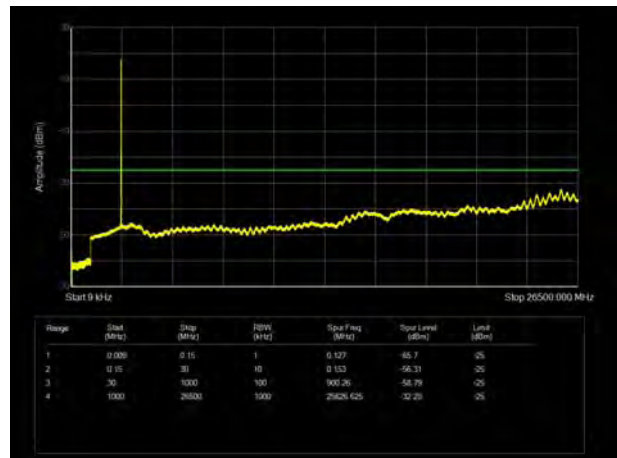
LTE Band 38 10MHz CH- Low 9kHz~26.5GHz



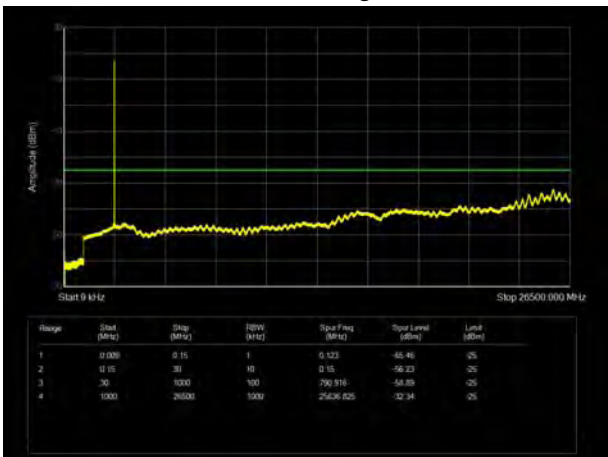
LTE Band 38 5MHz CH- Middle 9kHz~26.5GHz



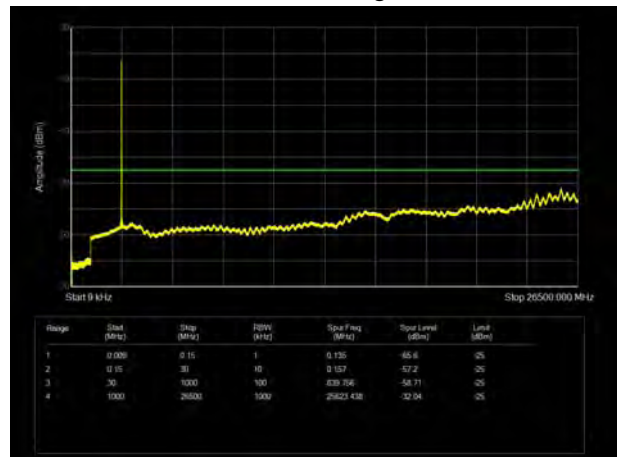
LTE Band 38 10MHz CH- Middle 9kHz~26.5GHz



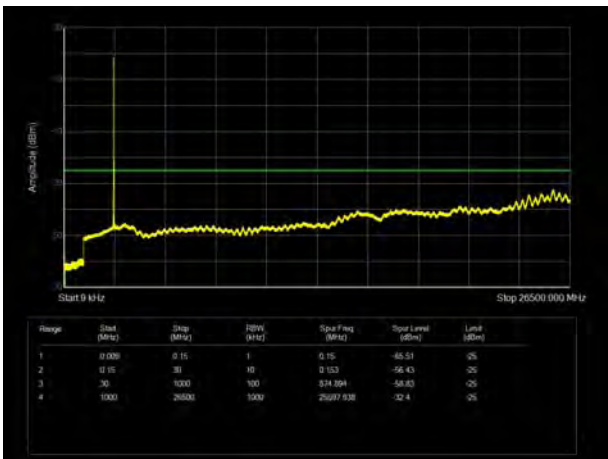
LTE Band 38 5MHz CH-High 9kHz~26.5GHz



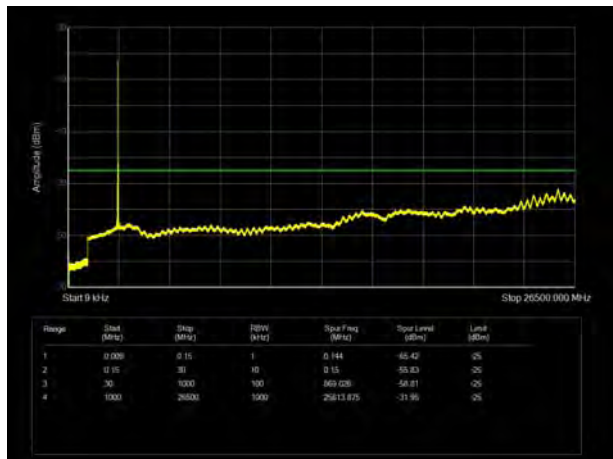
LTE Band 38 10MHz CH-High 9kHz~26.5GHz



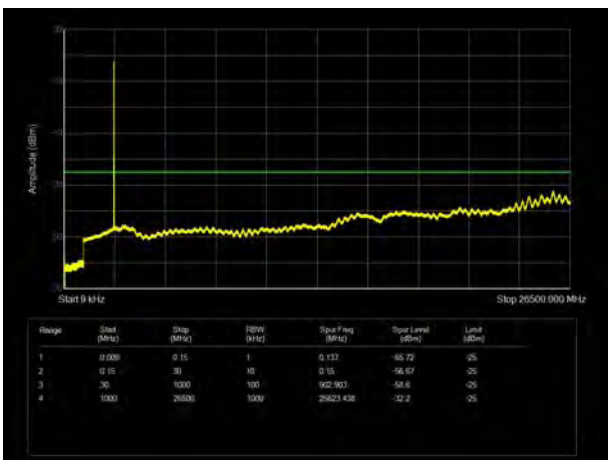
LTE Band 38 15MHz CH- Low 9kHz~26.5GHz



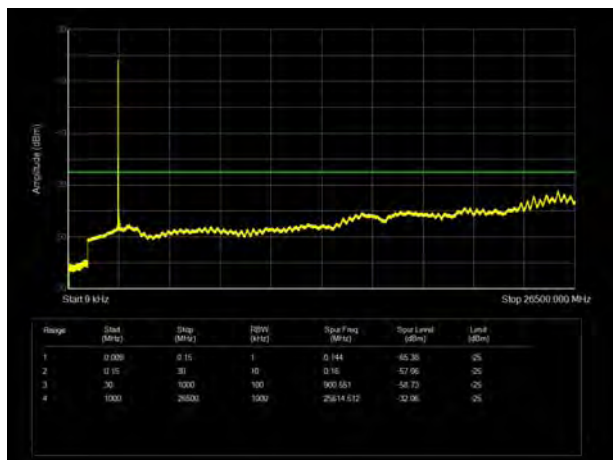
LTE Band 38 20MHz CH-Low 9kHz~26.5GHz



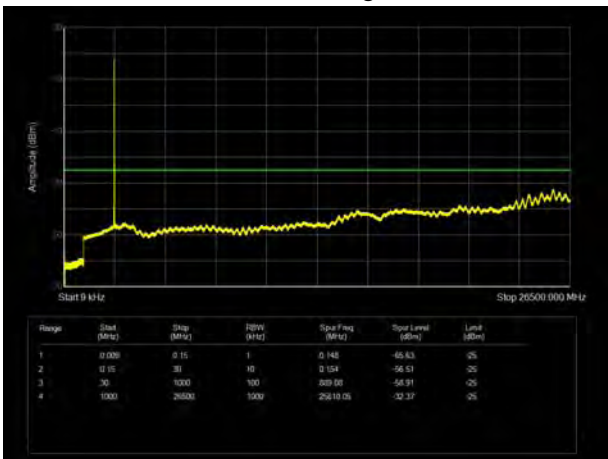
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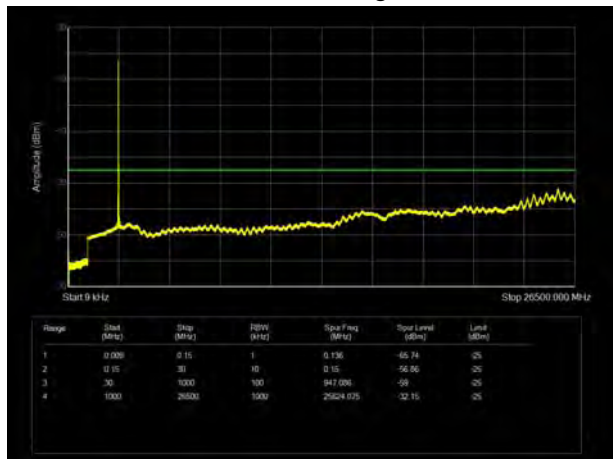
LTE Band 38 20MHz CH- Middle 9kHz~26.5GHz



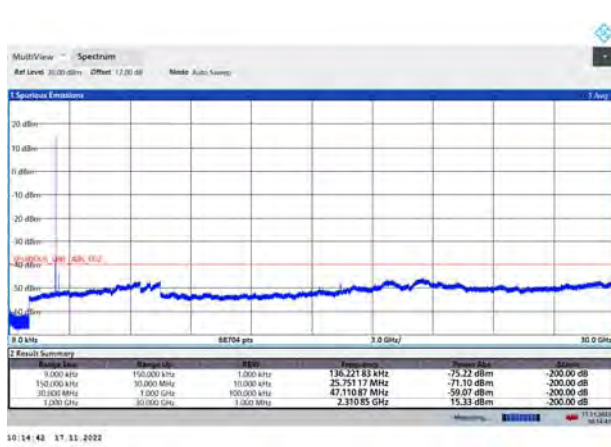
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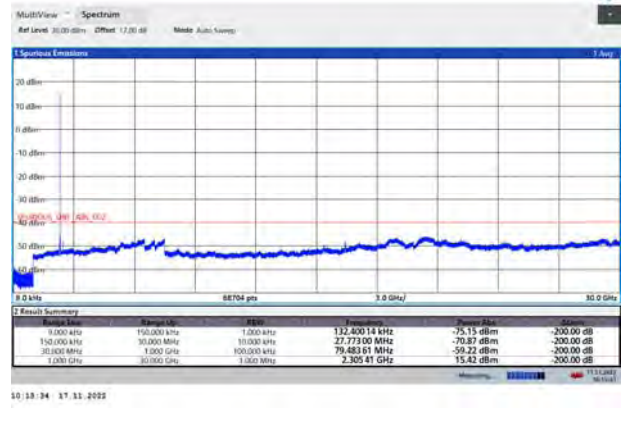
LTE Band 38 20MHz CH- High 9kHz~26.5GHz



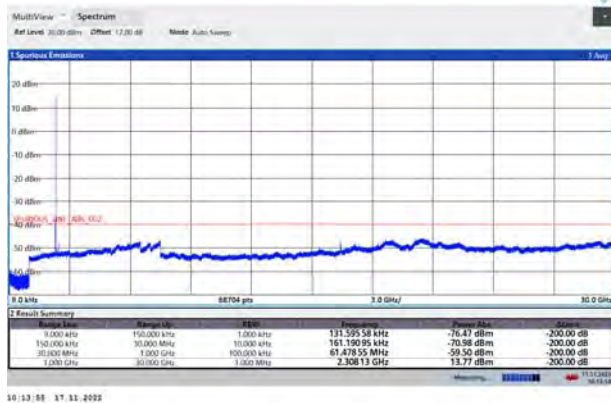
LTE Band 40 Subset 1 5MHz CH- Low 9kHz~30GHz



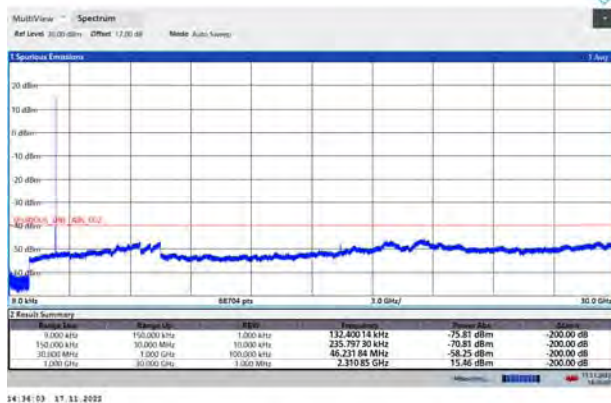
LTE Band 40 Subset 1 10MHz 9kHz~30GHz



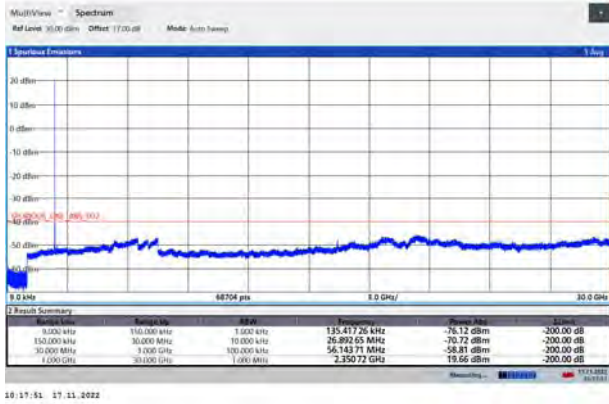
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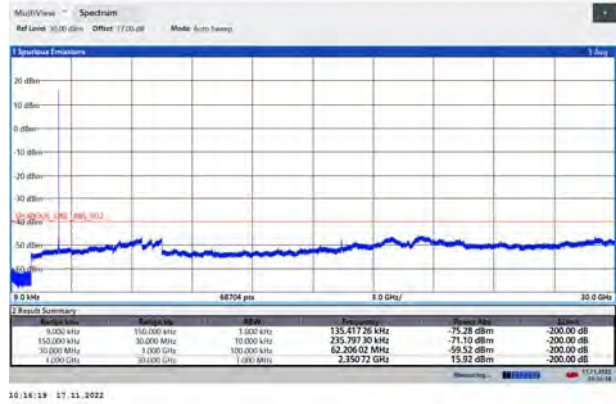
LTE Band 40 Subset 1 5MHz CH-High 9kHz~30GHz



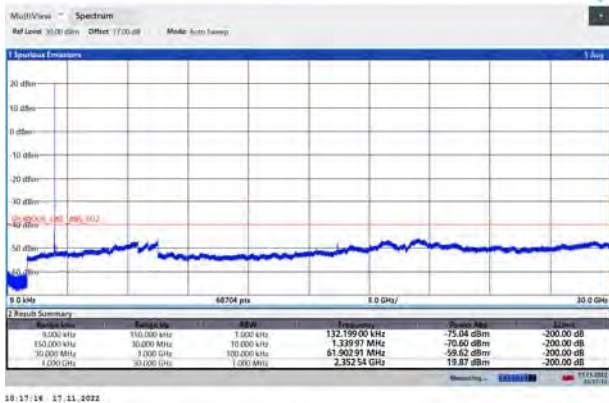
LTE Band 40 Subset 2 5MHz CH- Low
9kHz~30GHz



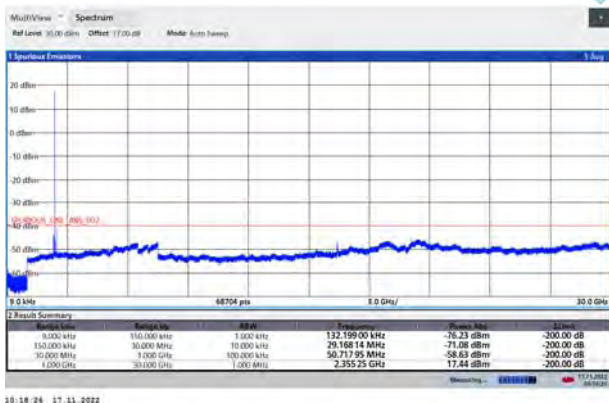
LTE Band 40 Subset 2 10MHz
9kHz~30GHz



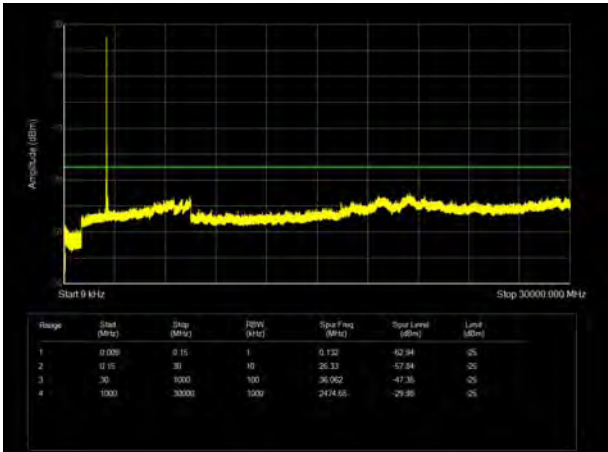
LTE Band 40 Subset 2 5MHz CH- Middle
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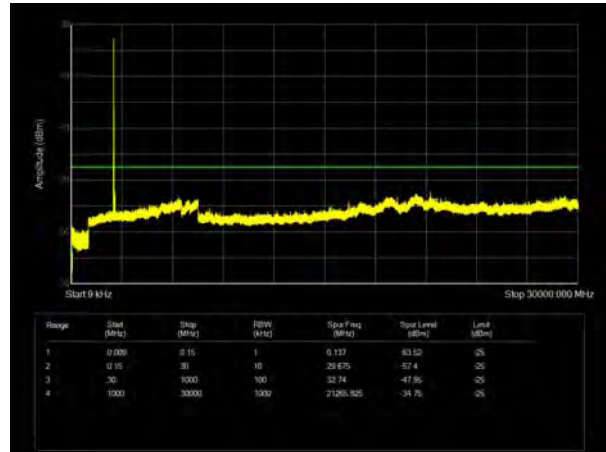
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9kHz~30GHz



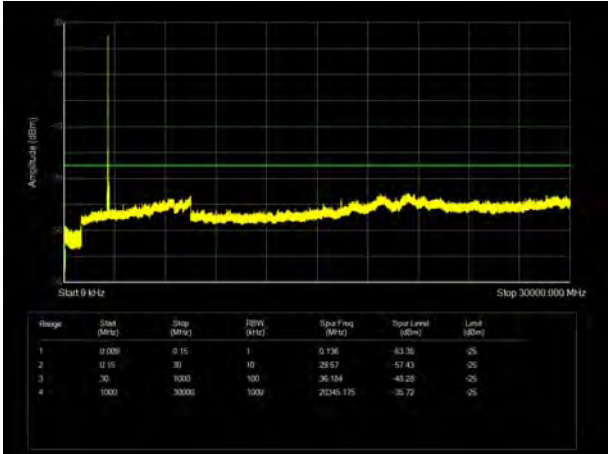
LTE Band 41 5MHz CH- Low 9kHz~30GHz



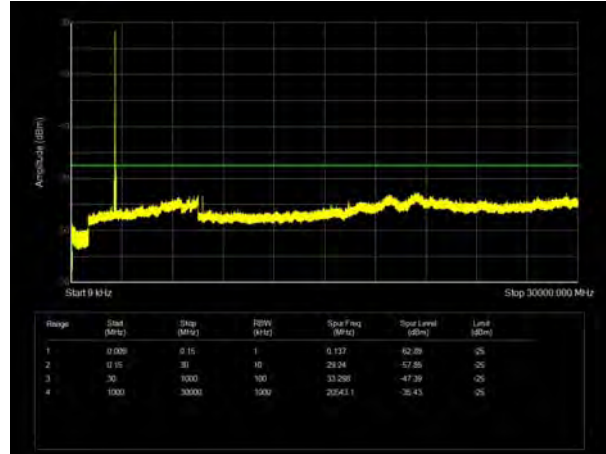
LTE Band 41 10MHz CH-Low 9kHz~30GHz



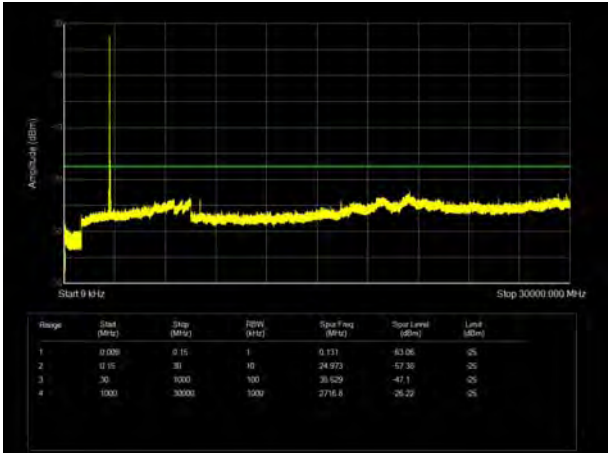
LTE Band 41 5MHz CH- Middle 9kHz~30GHz



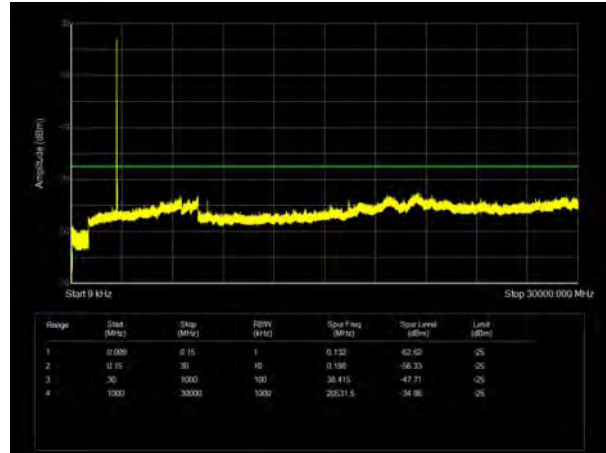
LTE Band 41 10MHz CH- Middle 9kHz~30GHz



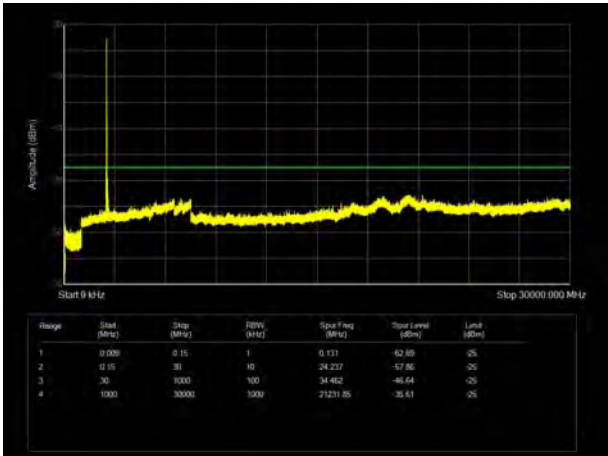
LTE Band 41 5MHz CH-High 9kHz~30GHz



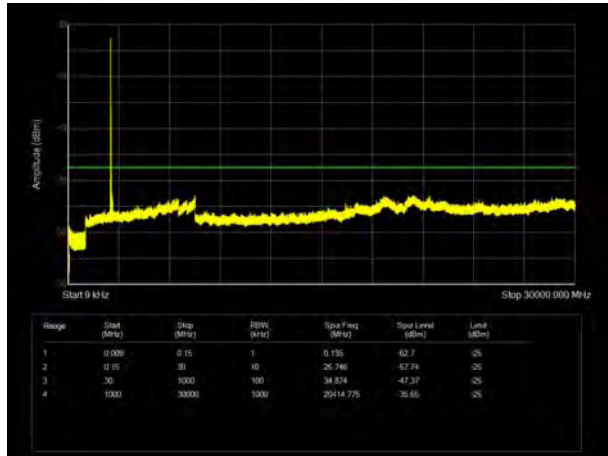
LTE Band 41 10MHz CH- High 9kHz~30GHz



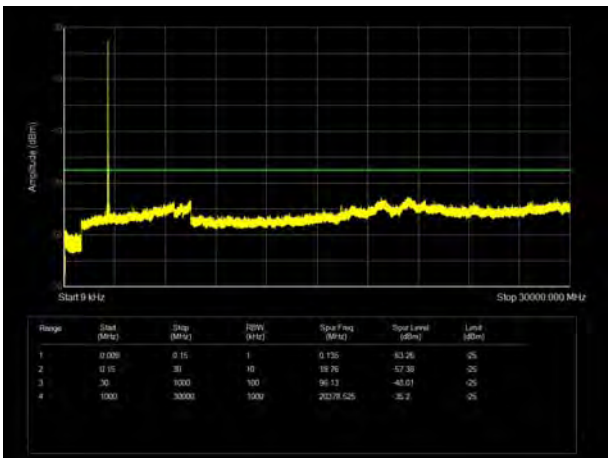
LTE Band 41 15MHz CH- Low 9kHz~30GHz



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



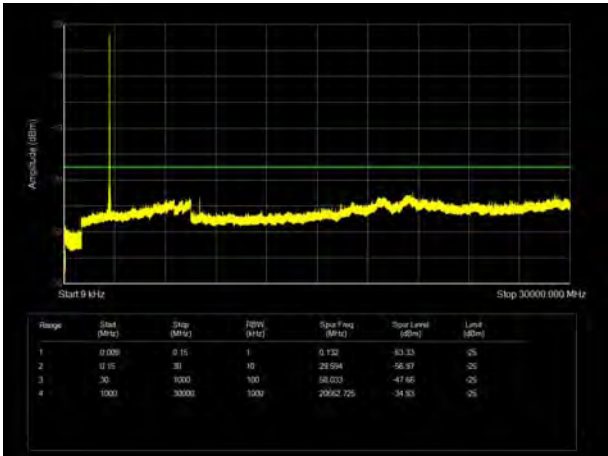
LTE Band 41 15MHz CH- Middle 9kHz~30GHz



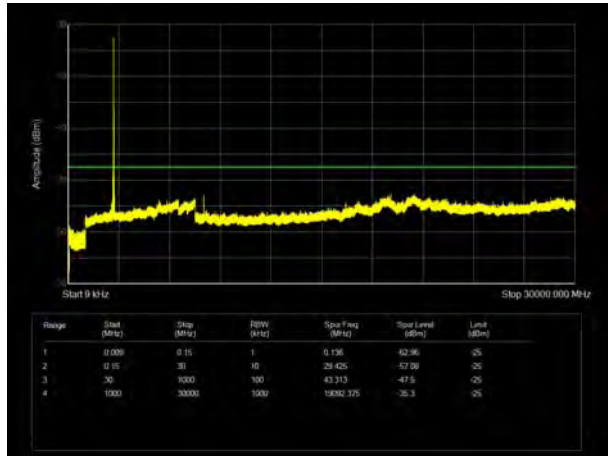
LTE Band 41 20MHz CH- Middle 9kHz~30GHz



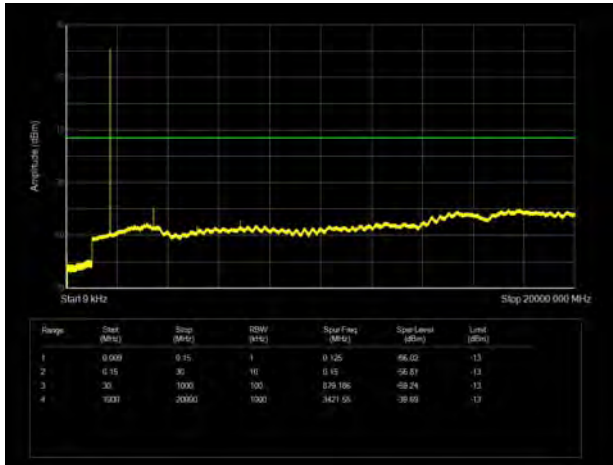
LTE Band 41 15MHz CH-High 9kHz~30GHz



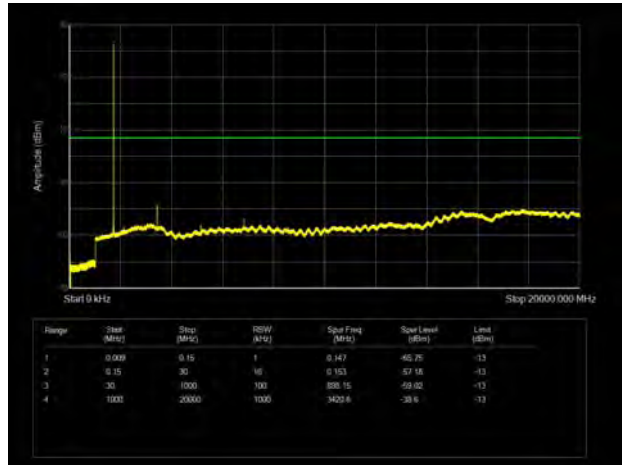
LTE Band 41 20MHz CH- High 9kHz~30GHz



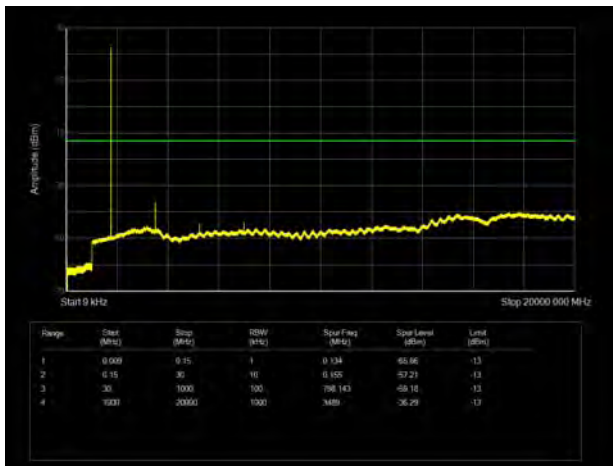
LTE Band 66 1.4MHz CH-Low 9kHz ~20GHz



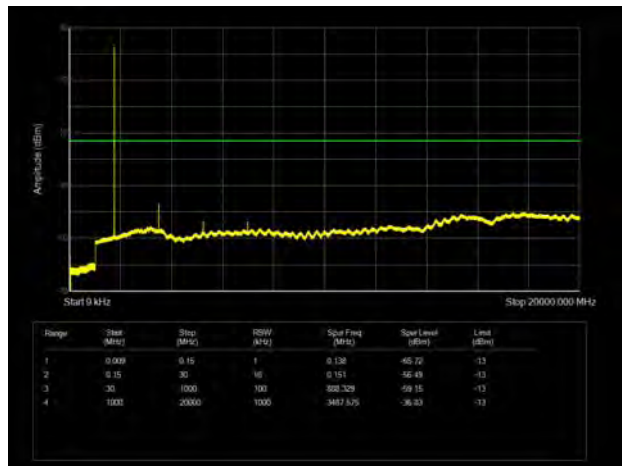
LTE Band 66 3MHz CH-Low 9kHz ~20GHz



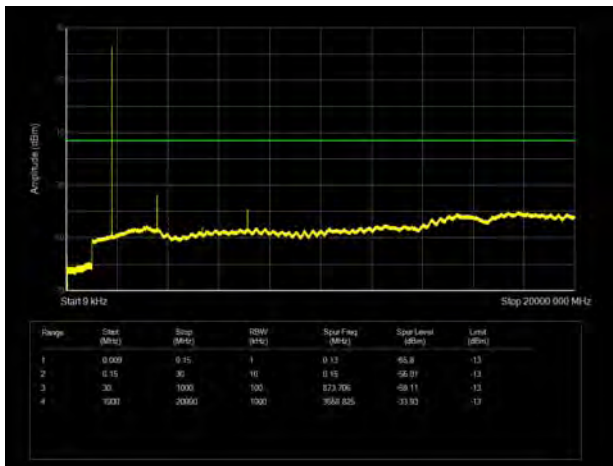
LTE Band 66 1.4MHz CH-Middle 9kHz ~30GHz



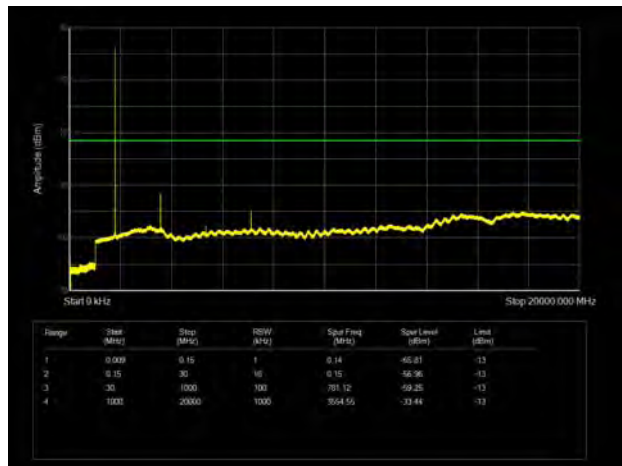
LTE Band 66 3MHz CH-Middle 9kHz ~30GHz



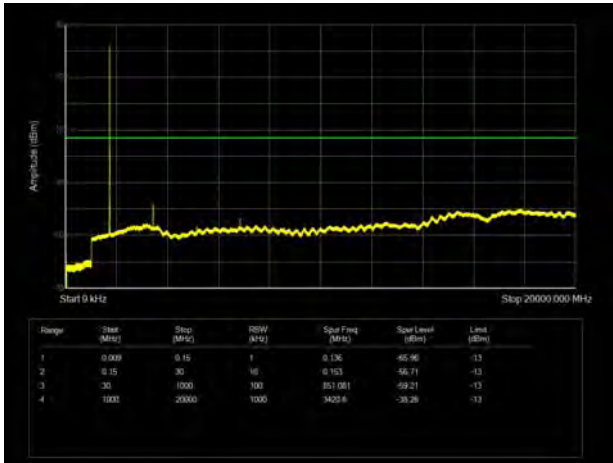
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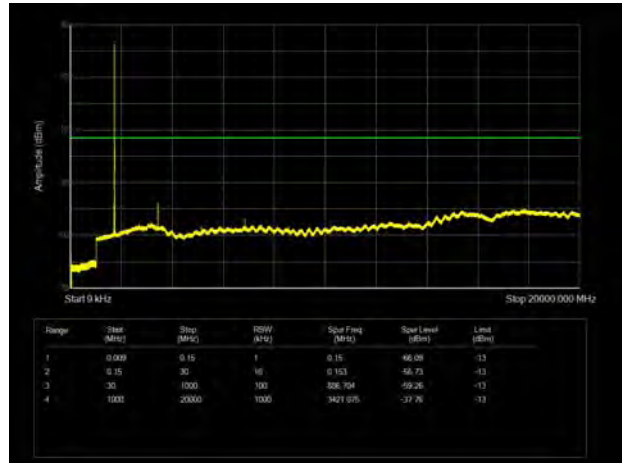
LTE Band 66 3MHz CH-High 9kHz ~20GHz



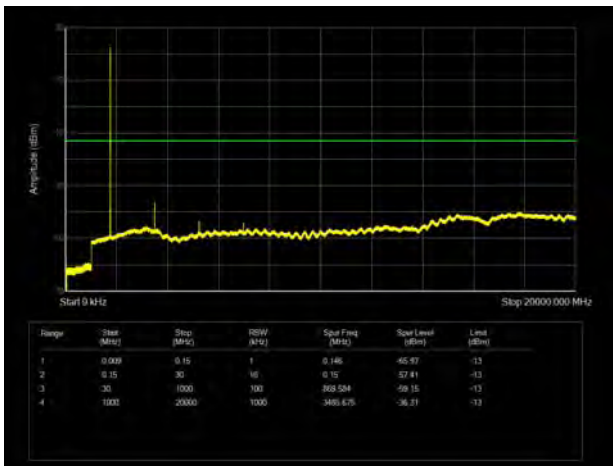
LTE Band 66 5MHz CH-Low 9kHz ~20GHz



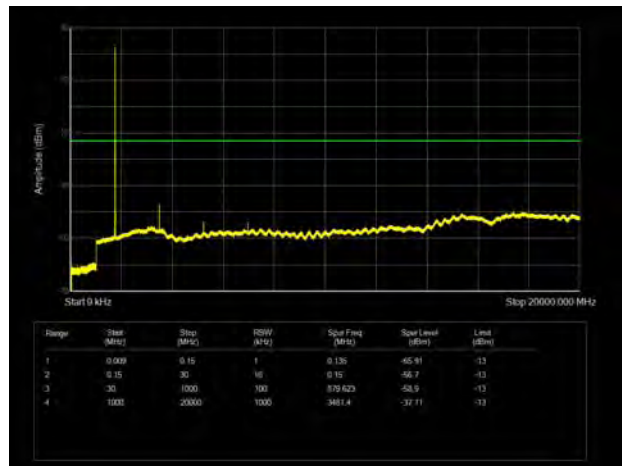
LTE Band 66 10MHz CH-Low 9kHz ~20GHz



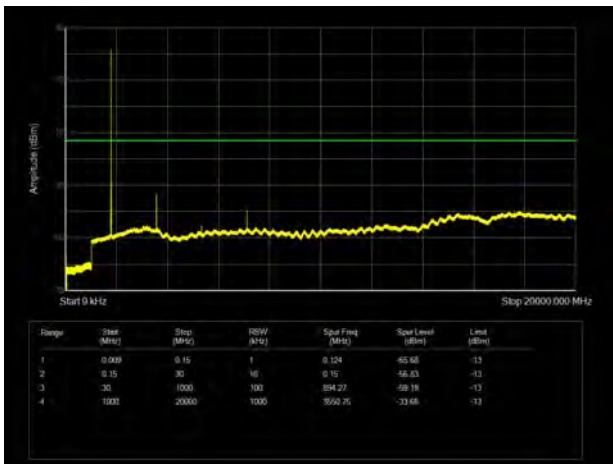
LTE Band 66 5MHz CH-Middle 9kHz ~20GHz



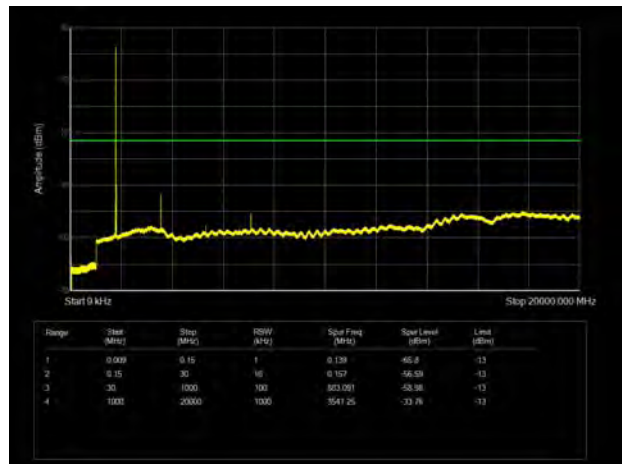
LTE Band 66 10MHz CH-Middle 9kHz ~20GHz



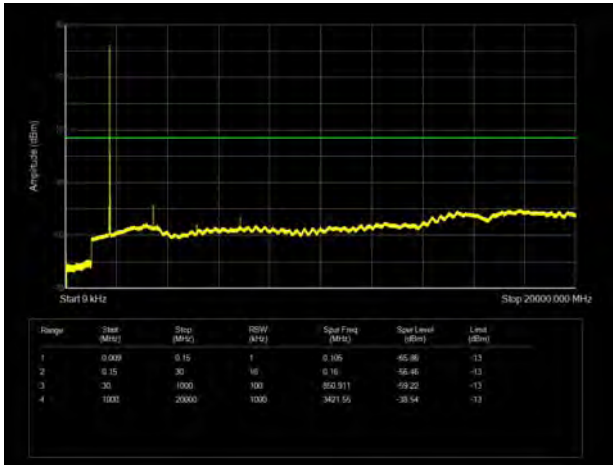
LTE Band 66 5MHz CH-High 9kHz ~20GHz



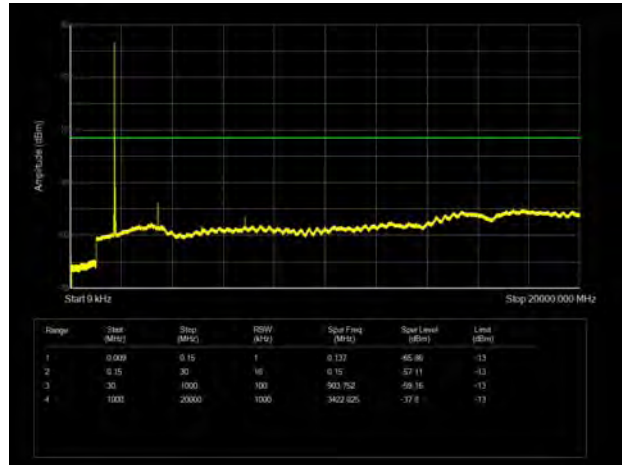
LTE Band 66 10MHz CH-High 9kHz ~20GHz



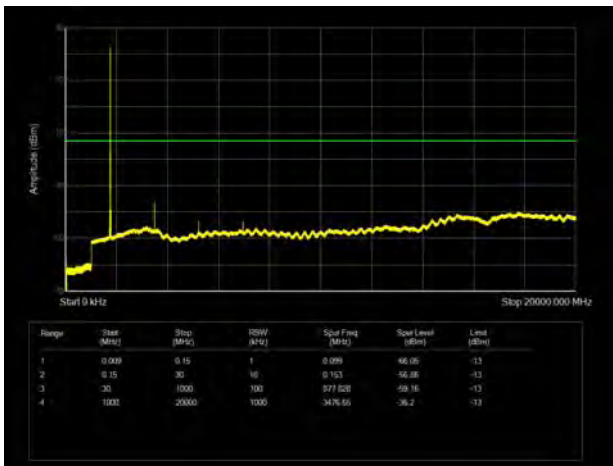
LTE Band 66 15MHz CH-Low 9kHz ~20GHz



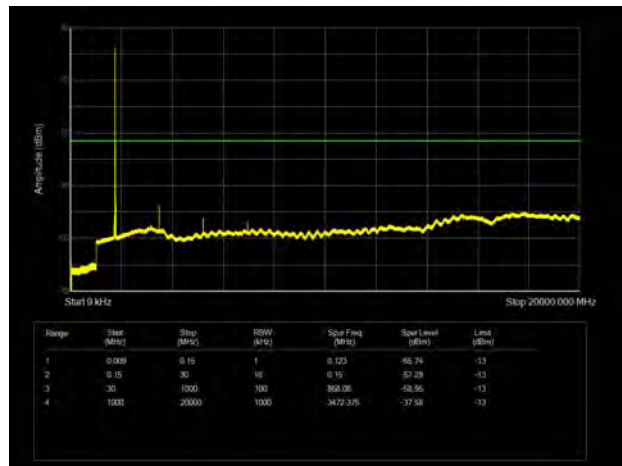
LTE Band 66 20MHz CH-Low 9kHz ~20GHz



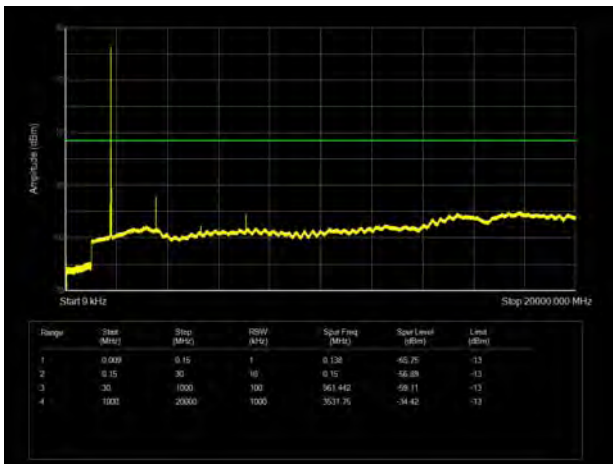
LTE Band 66 15MHz CH-Middle 9kHz ~20GHz



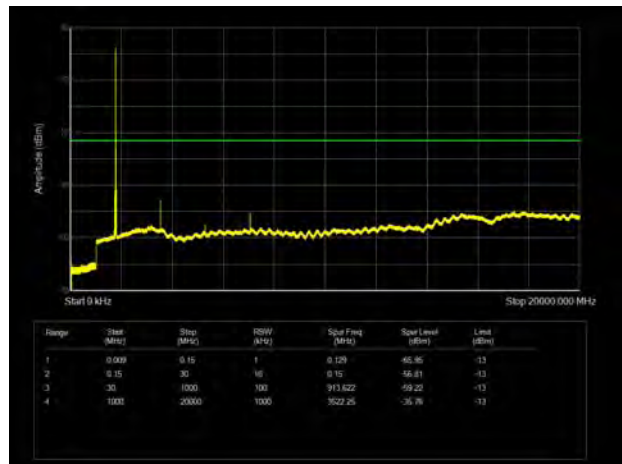
LTE Band 66 20MHz CH-Middle 9kHz ~20GHz



LTE Band 66 15MHz CH-High 9kHz ~20GHz



LTE Band 66 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.

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	-40.32	2.70	12.70	Horizontal	-30.32	-13.00	17.32	233
3	5197.80	-47.97	3.20	12.50	Horizontal	-38.67	-13.00	25.67	134
4	6930.40	-48.26	4.20	11.80	Horizontal	-40.66	-13.00	27.66	45
5	8663.00	-54.52	4.40	12.50	Horizontal	-46.42	-13.00	33.42	91
6	10395.60	-51.57	4.70	11.30	Horizontal	-44.97	-13.00	31.97	224
7	12128.20	-54.40	5.20	13.80	Horizontal	-45.80	-13.00	32.80	304
8	13860.80	-48.00	5.70	11.30	Horizontal	-42.40	-13.00	29.40	31
9	15593.40	-56.04	6.10	16.80	Horizontal	-45.34	-13.00	32.34	164
10	17326.00	-50.78	6.10	14.20	Horizontal	-42.68	-13.00	29.68	137

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	3465.00	-37.00	2.70	12.70	Vertical	-27.00	-13.00	14.00	74
3	5197.50	-45.20	3.20	12.50	Vertical	-35.90	-13.00	22.90	1
4	6930.00	-41.41	4.20	11.80	Vertical	-33.81	-13.00	20.81	26
5	8662.50	-47.01	4.40	12.50	Vertical	-38.91	-13.00	25.91	181
6	10395.00	-51.56	4.70	11.30	Vertical	-44.96	-13.00	31.96	34
7	12127.50	-52.31	5.20	13.80	Vertical	-43.71	-13.00	30.71	55
8	13860.00	-47.75	5.70	11.30	Vertical	-42.15	-13.00	29.15	164
9	15592.50	-55.74	6.10	16.80	Vertical	-45.04	-13.00	32.04	289
10	17325.00	-50.03	6.10	14.20	Vertical	-41.93	-13.00	28.93	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 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	-37.70	2.70	12.70	Vertical	-27.70	-13.00	14.70	65
3	5190.00	-45.70	3.20	12.50	Vertical	-36.40	-13.00	23.40	0
4	6920.00	-45.20	4.20	11.80	Vertical	-37.60	-13.00	24.60	12
5	8650.00	-46.86	4.40	12.50	Vertical	-38.76	-13.00	25.76	165
6	10380.00	-52.15	4.70	11.30	Vertical	-45.55	-13.00	32.55	13
7	12110.00	-53.38	5.20	13.80	Vertical	-44.78	-13.00	31.78	209
8	13840.00	-47.62	5.70	11.30	Vertical	-42.02	-13.00	29.02	227
9	15570.00	-56.43	6.10	16.80	Vertical	-45.73	-13.00	32.73	58
10	17300.00	-50.34	6.10	14.20	Vertical	-42.24	-13.00	29.24	73

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 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	3445.00	-40.20	2.70	12.70	Vertical	-30.20	-13.00	17.20	77
3	5167.50	-40.50	3.20	12.50	Vertical	-31.20	-13.00	18.20	5
4	6890.00	-43.10	4.20	11.80	Vertical	-35.50	-13.00	22.50	132
5	8612.50	-48.23	4.40	12.50	Vertical	-40.13	-13.00	27.13	32
6	10335.00	-51.06	4.70	11.30	Vertical	-44.46	-13.00	31.46	157
7	12057.50	-53.31	5.20	13.80	Vertical	-44.71	-13.00	31.71	173
8	13780.00	-49.89	5.70	11.30	Vertical	-44.29	-13.00	31.29	44
9	15502.50	-56.68	6.10	16.80	Vertical	-45.98	-13.00	32.98	63
10	17225.00	-50.09	6.10	14.20	Vertical	-41.99	-13.00	28.99	97

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 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	-41.00	3.40	12.50	Vertical	-31.90	-25.00	6.90	41
3	7597.50	-34.40	4.40	12.20	Vertical	-26.60	-25.00	1.60	72
4	10130.00	-43.10	4.70	11.30	Vertical	-36.50	-25.00	11.50	3
5	12662.50	-47.98	5.40	13.20	Vertical	-40.18	-25.00	15.18	86
6	15195.00	-51.49	6.10	13.10	Vertical	-44.49	-25.00	19.49	11
7	17727.50	-51.30	6.10	14.20	Vertical	-43.20	-25.00	18.20	11
8	20260.00	--	--	--	--	--	--	--	--
9	22792.50	--	--	--	--	--	--	--	--
10	25325.00	--	--	--	--	--	--	--	--

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 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	-40.00	3.40	12.50	Vertical	-30.90	-25.00	5.90	60
3	7575.00	-34.20	4.40	12.20	Vertical	-26.40	-25.00	1.40	315
4	10100.00	-46.00	4.70	11.30	Vertical	-39.40	-25.00	14.40	0
5	12625.00	-49.14	5.40	13.20	Vertical	-41.34	-25.00	16.34	75
6	15150.00	-53.25	6.10	13.10	Vertical	-46.25	-25.00	21.25	22
7	17675.00	-52.05	6.10	14.20	Vertical	-43.95	-25.00	18.95	39
8	20200.00	--	--	--	--	--	--	--	--
9	22725.00	--	--	--	--	--	--	--	--
10	25250.00	--	--	--	--	--	--	--	--

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 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	-40.11	3.20	12.50	Vertical	-30.81	-25.00	5.81	59
3	7777.50	-38.55	4.40	12.30	Vertical	-30.65	-25.00	5.65	168
4	10370.00	-40.55	4.70	11.80	Vertical	-33.45	-25.00	8.45	221
5	12962.50	-50.33	5.40	14.00	Vertical	-41.73	-25.00	16.73	73
6	15555.00	-56.31	6.10	16.80	Vertical	-45.61	-25.00	20.61	26
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 Vertical 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	-39.52	3.20	12.50	Vertical	-30.22	-25.00	5.22	36
3	7755.00	-37.94	4.40	12.30	Vertical	-30.04	-25.00	5.04	60
4	10340.00	-43.85	4.70	11.80	Vertical	-36.75	-25.00	11.75	209
5	12925.00	-51.55	5.40	14.00	Vertical	-42.95	-25.00	17.95	146
6	15510.00	-56.78	6.10	16.80	Vertical	-46.08	-25.00	21.08	97
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 Vertical position.

LTE Band 40 Subset 1 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	4615.00	-51.36	3.20	12.50	Vertical	-42.06	-40.00	2.06	133
3	6922.50	-54.84	4.40	12.30	Vertical	-46.94	-40.00	6.94	27
4	9230.00	-63.93	4.70	11.80	Vertical	-56.83	-40.00	16.83	215
5	11537.50	-63.15	5.40	14.00	Vertical	-54.55	-40.00	14.55	19
6	13845.00	-63.70	6.10	16.80	Vertical	-53.00	-40.00	13.00	87
7	16152.50	-64.44	5.70	14.15	Vertical	-55.99	-40.00	15.99	136
8	18460.00	--	--	--	--	--	--	--	--
9	20767.50	--	--	--	--	--	--	--	--
10	23075.00	--	--	--	--	--	--	--	--

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 40 Subset 1 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	4610.00	-51.36	3.20	12.50	Vertical	-42.06	-40.00	2.06	121
3	6915.00	-54.87	4.40	12.30	Vertical	-46.97	-40.00	6.97	2
4	9220.00	-64.44	4.70	11.80	Vertical	-57.34	-40.00	17.34	65
5	11525.00	-62.93	5.40	14.00	Vertical	-54.33	-40.00	14.33	33
6	13830.00	-63.92	6.10	16.80	Vertical	-53.22	-40.00	13.22	142
7	16135.00	-64.48	5.70	14.15	Vertical	-56.03	-40.00	16.03	182
8	18440.00	--	--	--	--	--	--	--	--
9	20745.00	--	--	--	--	--	--	--	--
10	23050.00	--	--	--	--	--	--	--	--

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 40 Subset 2 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	4705.00	-50.11	3.20	12.50	Vertical	-40.81	-40.00	0.81	90
3	7057.50	-54.35	4.40	12.30	Vertical	-46.45	-40.00	6.45	3
4	9410.00	-64.17	4.70	11.80	Vertical	-57.07	-40.00	17.07	204
5	11762.50	-62.65	5.40	14.00	Vertical	-54.05	-40.00	14.05	261
6	14115.00	-62.90	6.10	16.80	Vertical	-52.20	-40.00	12.20	63
7	16467.50	-63.11	5.70	14.15	Vertical	-54.66	-40.00	14.66	13
8	18820.00	--	--	--	--	--	--	--	--
9	21172.50	--	--	--	--	--	--	--	--
10	23525.00	--	--	--	--	--	--	--	--

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 40 Subset 2 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	4700.00	-50.13	3.20	12.50	Vertical	-40.83	-40.00	0.83	13
3	7050.00	-51.66	4.40	12.30	Vertical	-43.76	-40.00	3.76	150
4	9400.00	-62.60	4.70	11.80	Vertical	-55.50	-40.00	15.50	147
5	11750.00	-62.37	5.40	14.00	Vertical	-53.77	-40.00	13.77	79
6	14100.00	-63.30	6.10	16.80	Vertical	-52.60	-40.00	12.60	165
7	16450.00	-63.36	5.70	14.15	Vertical	-54.91	-40.00	14.91	246
8	18800.00	--	--	--	--	--	--	--	--
9	21150.00	--	--	--	--	--	--	--	--
10	23500.00	--	--	--	--	--	--	--	--

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 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	5181.00	-39.15	3.20	12.50	Vertical	-29.85	-25.00	4.85	60
3	7771.50	-33.70	4.40	12.30	Vertical	-25.80	-25.00	0.80	54
4	10362.00	-42.20	4.70	11.80	Vertical	-35.10	-25.00	10.10	133
5	12952.50	-52.46	5.40	14.00	Vertical	-43.86	-25.00	18.86	89
6	15543.00	-56.50	6.10	16.80	Vertical	-45.80	-25.00	20.80	76
7	18133.50	--	--	--	--	--	--	--	--
8	20724.00	--	--	--	--	--	--	--	--
9	23314.50	--	--	--	--	--	--	--	--
10	25905.00	--	--	--	--	--	--	--	--

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 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	5166.00	-36.38	3.20	12.50	Vertical	-27.08	-25.00	2.08	103
3	7749.00	-41.63	4.40	12.30	Vertical	-33.73	-25.00	8.73	214
4	10332.00	-45.41	4.70	11.80	Vertical	-38.31	-25.00	13.31	151
5	12915.00	-50.74	5.40	14.00	Vertical	-42.14	-25.00	17.14	40
6	15498.00	-56.29	6.10	16.80	Vertical	-45.59	-25.00	20.59	1
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 Vertical position.

LTE Band 66 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	3509.25	-44.87	2.70	12.70	Vertical	-34.87	-13.00	9.87	164
3	5262.50	-53.23	3.20	12.50	Vertical	-43.93	-13.00	18.93	30
4	7018.00	-49.07	4.20	11.80	Vertical	-41.47	-13.00	16.47	0
5	8772.50	-51.16	4.40	12.50	Vertical	-43.06	-13.00	18.06	298
6	10527.00	-63.88	4.70	11.80	Vertical	-56.78	-13.00	31.78	241
7	12281.50	-58.32	5.20	13.80	Vertical	-49.72	-13.00	24.72	125
8	14036.00	-60.32	5.70	13.20	Vertical	-52.82	-13.00	27.82	278
9	15790.50	-66.98	6.10	16.80	Vertical	-56.28	-13.00	31.28	87
10	17545.00	-61.80	6.10	14.20	Vertical	-53.70	-13.00	28.70	164

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 66 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	3505.00	-45.81	2.70	12.70	Vertical	-35.81	-13.00	10.81	0
3	5257.50	-52.59	3.20	12.50	Vertical	-43.29	-13.00	18.29	270
4	7010.00	-51.13	4.20	11.80	Vertical	-43.53	-13.00	18.53	148
5	8762.50	-52.31	4.40	12.50	Vertical	-44.21	-13.00	19.21	37
6	10515.00	-61.47	4.70	11.80	Vertical	-54.37	-13.00	29.37	315
7	12267.50	-57.58	5.20	13.80	Vertical	-48.98	-13.00	23.98	170
8	14020.00	-61.18	5.70	13.20	Vertical	-53.68	-13.00	28.68	79
9	15772.50	-66.62	6.10	16.80	Vertical	-55.92	-13.00	30.92	214
10	17525.00	-61.74	6.10	14.20	Vertical	-53.64	-13.00	28.64	58

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 66 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	3490.00	-44.66	2.70	12.70	Vertical	-34.66	-13.00	9.66	112
3	5235.00	-51.80	3.20	12.50	Vertical	-42.50	-13.00	17.50	16
4	6980.00	-53.64	4.20	11.80	Vertical	-46.04	-13.00	21.04	242
5	8725.00	-52.92	4.40	12.50	Vertical	-44.82	-13.00	19.82	16
6	10470.00	-64.07	4.70	11.80	Vertical	-56.97	-13.00	31.97	261
7	12215.00	-59.94	5.20	13.80	Vertical	-51.34	-13.00	26.34	0
8	13960.00	-60.06	5.70	13.20	Vertical	-52.56	-13.00	27.56	299
9	15705.00	-66.88	6.10	16.80	Vertical	-56.18	-13.00	31.18	315
10	17450.00	-62.31	6.10	14.20	Vertical	-54.21	-13.00	29.21	187

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
Base Station Simulator	R&S	CMW500	150415	2022-05-14	2023-05-13
Spectrum Analyzer	Key sight	N9020A	MY50510203	2021-12-12	2022-12-11
Universal Radio Communication Tester	Key sight	E5515C	GB44400275	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV30	104028	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	1023	2020-05-05	2023-05-04
Climatic Chamber	ESPEC	SU-242	93000506	2021-12-12	2022-12-11
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
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.