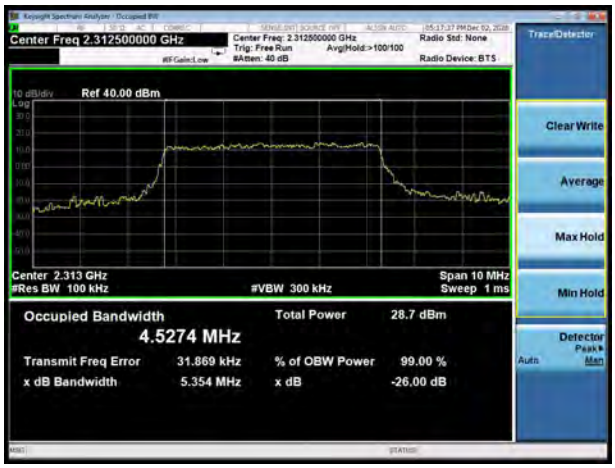
LTE Band 40 64QAM 5MHz CH-Low

LTE Band 40 QPSK 10MHz CH-Middle

LTE Band 40 64QAM 5MHz CH-Middle

LTE Band 40 16QAM 10MHz CH-Middle

LTE Band 40 64QAM 5MHz CH-High



LTE Band 40 64QAM 10MHz CH-Middle

LTE Band 40(2350MHz- 2360MHz)

LTE Band 40 QPSK 5MHz CH-Low

LTE Band 40 16QAM 5MHz CH-Low

LTE Band 40 QPSK 5MHz CH-Middle

LTE Band 40 16QAM 5MHz CH-Middle

LTE Band 40 QPSK 5MHz CH-High

LTE Band 40 16QAM 5MHz CH-High

LTE Band 40 64QAM 5MHz CH-Low

LTE Band 40 QPSK 10MHz CH-Middle

LTE Band 40 64QAM 5MHz CH-Middle

LTE Band 40 16QAM 10MHz CH-Middle

LTE Band 40 64QAM 5MHz CH-High

LTE Band 40 64QAM 10MHz CH-Middle

LTE Band 41 QPSK 5MHz CH-Low

LTE Band 41 QPSK 10MHz CH-Low

LTE Band 41 QPSK 5MHz CH-Middle

LTE Band 41 QPSK 10MHz CH-Middle

LTE Band 41 QPSK 5MHz CH-High

LTE Band 41 QPSK 10MHz CH-High

LTE Band 41 QPSK 15MHz CH-Low

LTE Band 41 QPSK 20MHz CH-Low

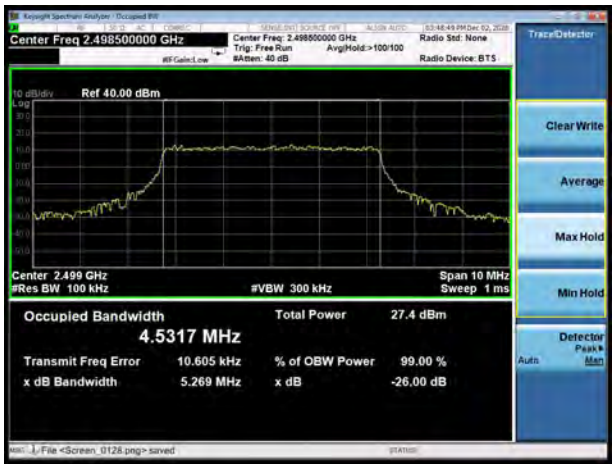
LTE Band 41 QPSK 15MHz CH-Middle

LTE Band 41 QPSK 20MHz CH-Middle

LTE Band 41 QPSK 15MHz CH-High

LTE Band 41 QPSK 20MHz CH-High

LTE Band 41 16QAM 5MHz CH-Low



LTE Band 41 16QAM 10MHz CH-Low

LTE Band 41 16QAM 5MHz CH-Middle

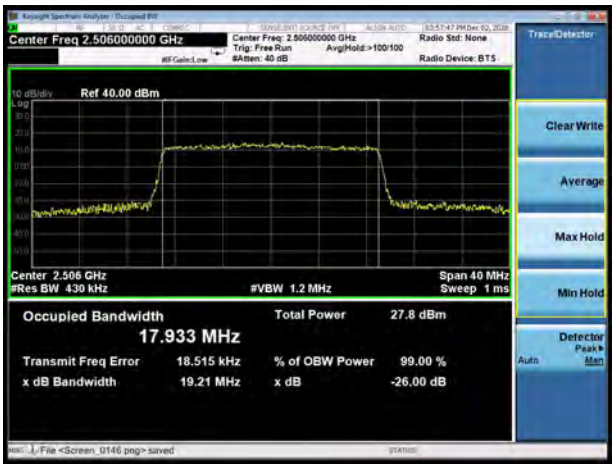
LTE Band 41 16QAM 10MHz CH-Middle

LTE Band 41 16QAM 5MHz CH-High

LTE Band 41 16QAM 10MHz CH-High

LTE Band 41 16QAM 15MHz CH-Low

LTE Band 41 16QAM 20MHz CH-Low



LTE Band 41 16QAM 15MHz CH-Middle

LTE Band 41 16QAM 20MHz CH-Middle

LTE Band 41 16QAM 15MHz CH-High

LTE Band 41 16QAM 20MHz CH-High

LTE Band 41 64QAM 5MHz CH-Low

LTE Band 41 64QAM 10MHz CH-Low

LTE Band 41 64QAM 5MHz CH-Middle

LTE Band 41 64QAM 10MHz CH-Middle

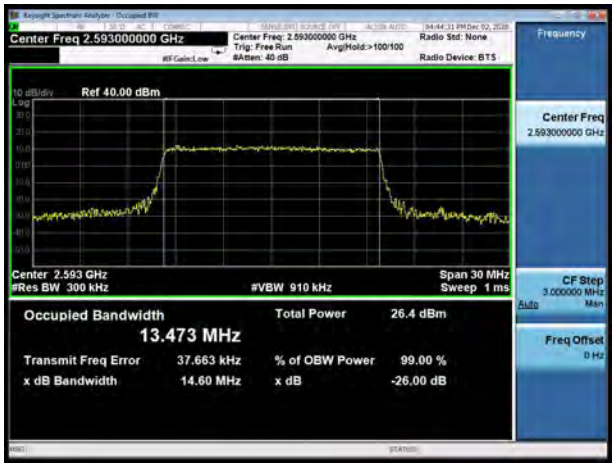
LTE Band 41 64QAM 5MHz CH-High

LTE Band 41 64QAM 10MHz CH-High

LTE Band 41 64QAM 15MHz CH-Low

LTE Band 41 64QAM 20MHz CH-Low

LTE Band 41 64QAM 15MHz CH-Middle



LTE Band 41 64QAM 20MHz CH-Middle

LTE Band 41 64QAM 15MHz CH-High

LTE Band 41 64QAM 20MHz CH-High

5.3 Band Edge Compliance

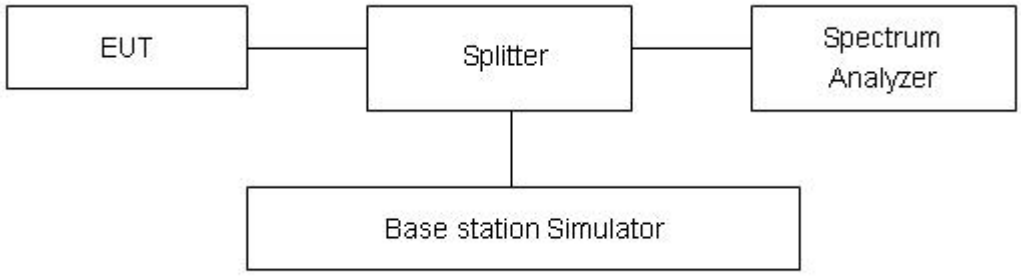
Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The band edge of the lowest and highest channels were measured.
The testing follows KDB 971168 D01 v03r01 Section 6.0
The EUT was connected to spectrum analyzer and system simulator via a power divider.
The band edges of low and high channels for the highest RF powers were measured.
For LTE Band 38/41 Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
RBW is set to 100kHz for LTE Band 40 (5MHz).
RBW is set to 200kHz for LTE Band 40 (10MHz).
on spectrum analyzer.
Set spectrum analyzer with RMS detector.
The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Checked that all the results comply with the emission limit line.

Test Setup



Limits

Rule Part 27.53(m) (4)/ specifies that “for BRS and EBS stations. For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section. In addition, the attenuation factor

shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Example:

The limit line is derived from 43 + 10log (P) dB below the transmitter power P(Watts)

= P(W)- [43 + 10log(P)] (dB)

= [30 + 10log (P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.

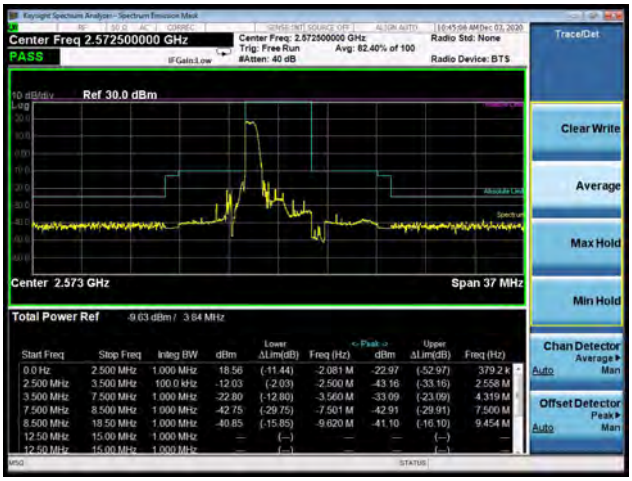
Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U=0.684dB.

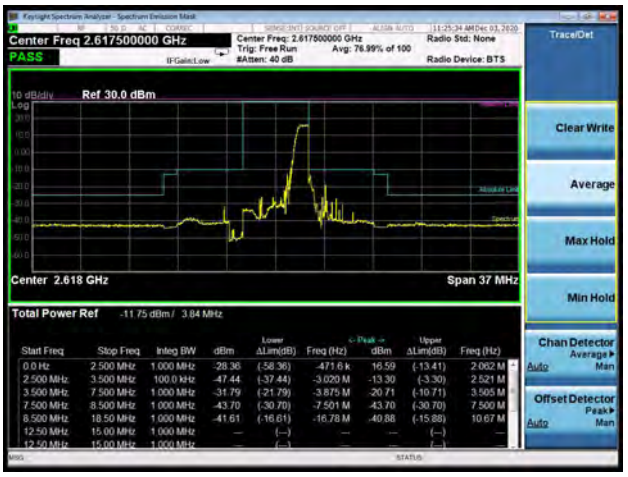
Test Result

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

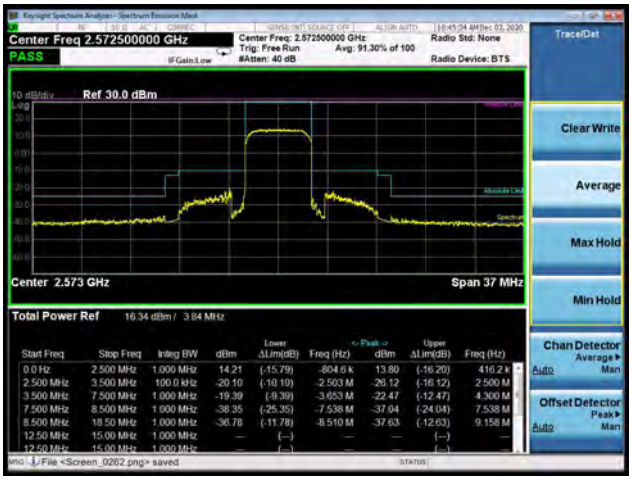
LTE Band 38 QPSK 5MHz CH-Low, 1 RB



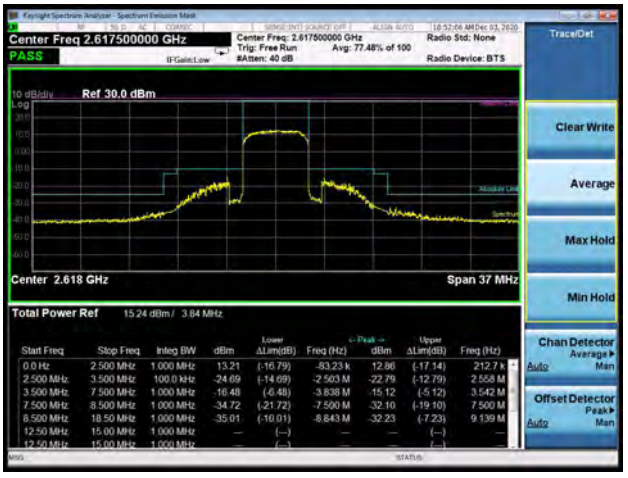
LTE Band 38 QPSK 5MHz CH-High, 1 RB



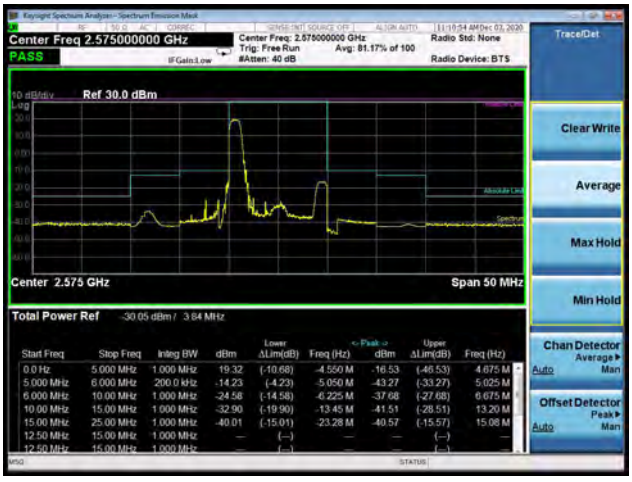
LTE Band 38 QPSK 5MHz CH-Low, 100%RB



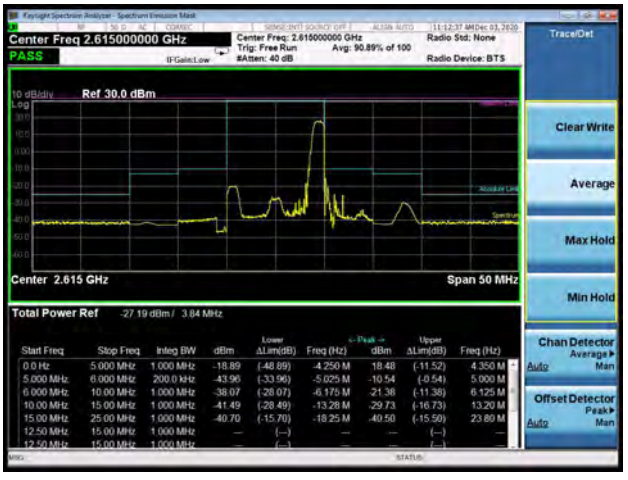
LTE Band 38 QPSK 5MHz CH-High, 100%RB



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



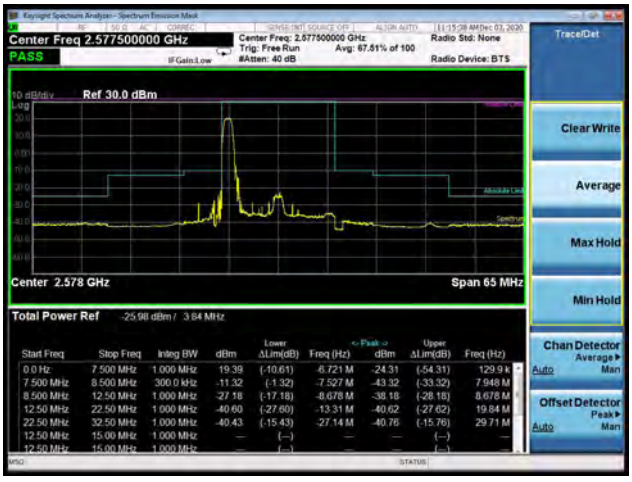
LTE Band 38 QPSK 10MHz CH-High, 1 RB



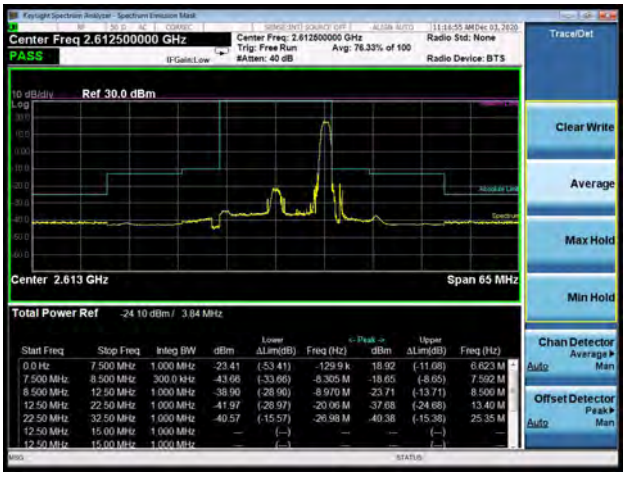
LTE Band 38 QPSK 10MHz CH-Low, 100%RB

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

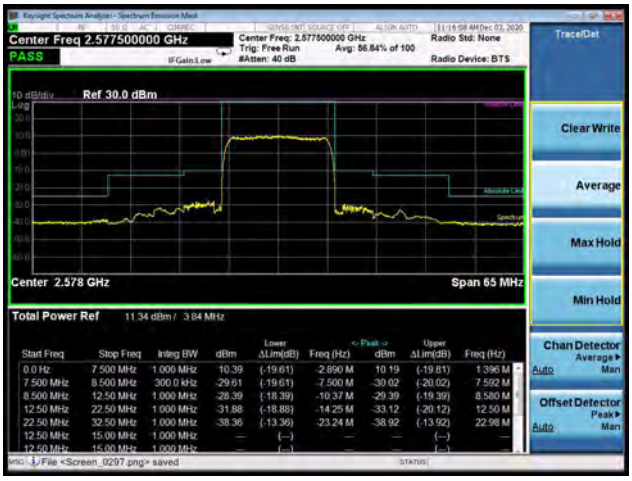
LTE Band 38 QPSK 15MHz CH-Low, 1 RB



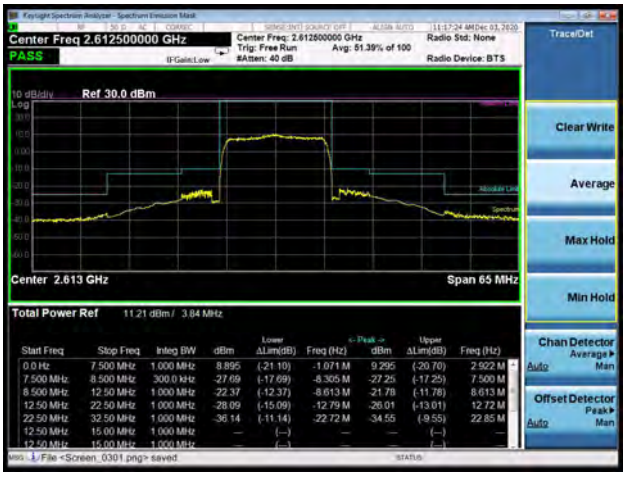
LTE Band 38 QPSK 15MHz CH-High, 1 RB



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

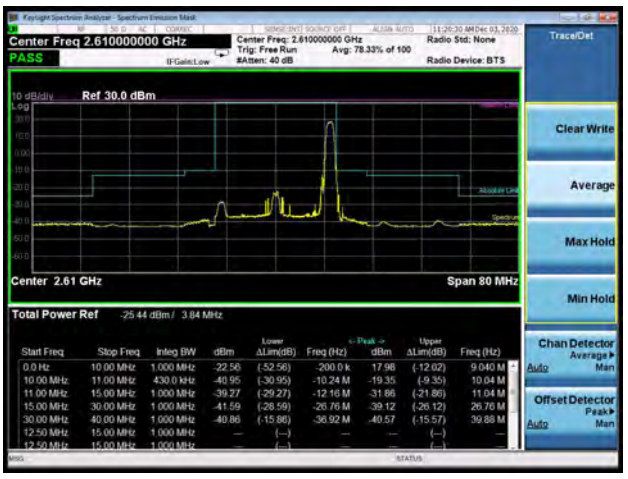


LTE Band 38 QPSK 15MHz CH-High, 100%RB



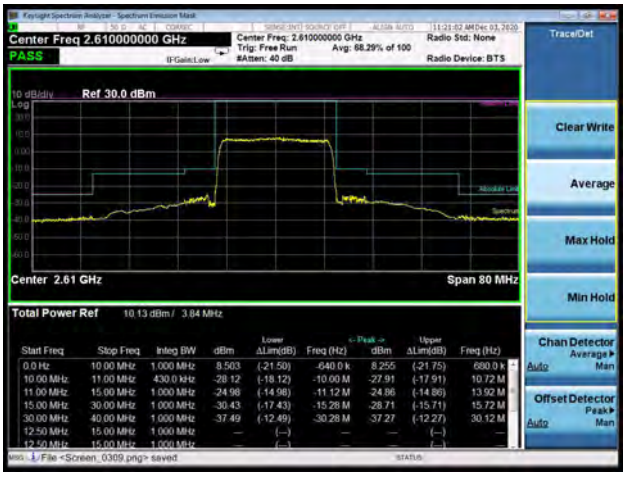
LTE Band 38 QPSK 20MHz CH-Low, 1 RB

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

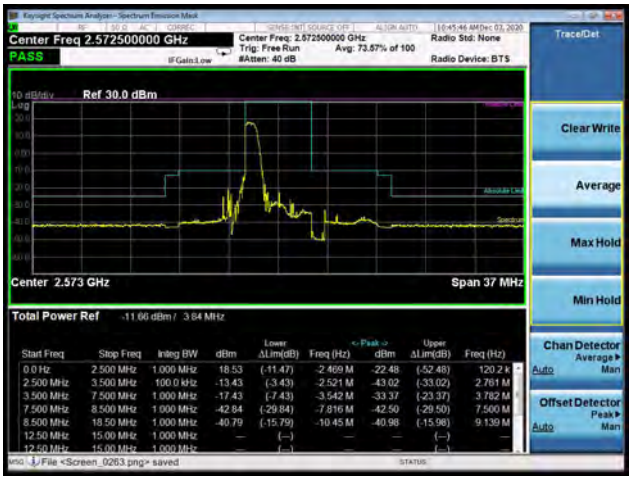


LTE Band 38 QPSK 20MHz CH-Low, 100%RB

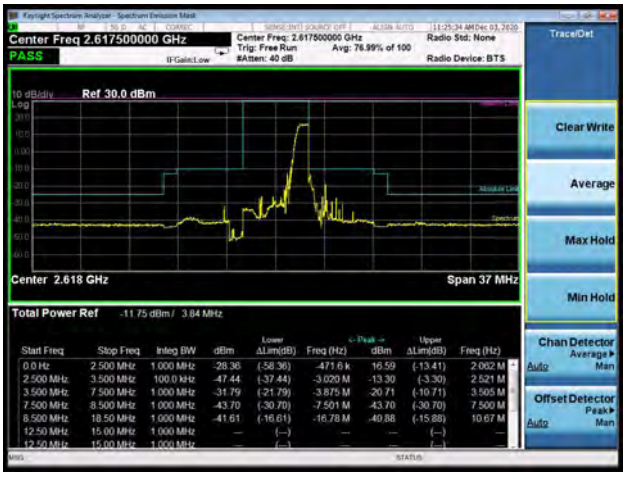
LTE Band 38 QPSK 20MHz CH-High, 100%RB



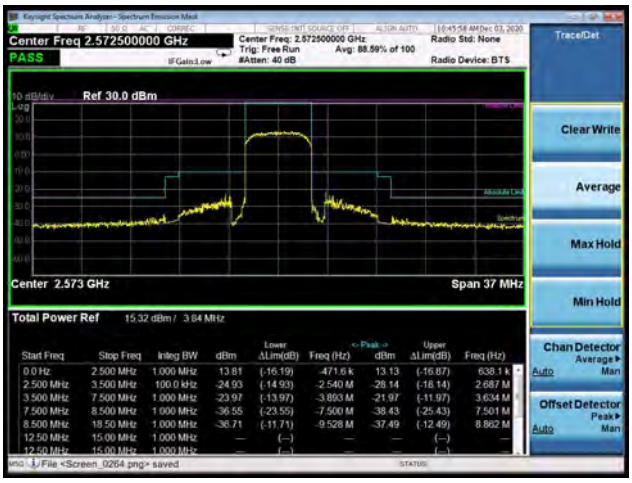
LTE Band 38 16QAM 5MHz CH-Low, 1 RB



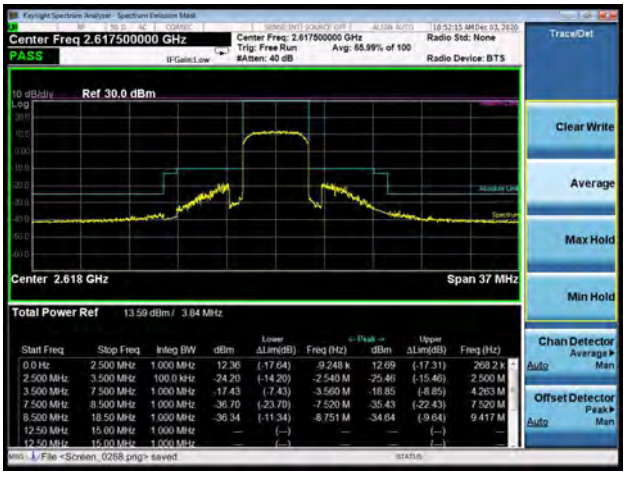
LTE Band 38 16QAM 5MHz CH-High, 1 RB



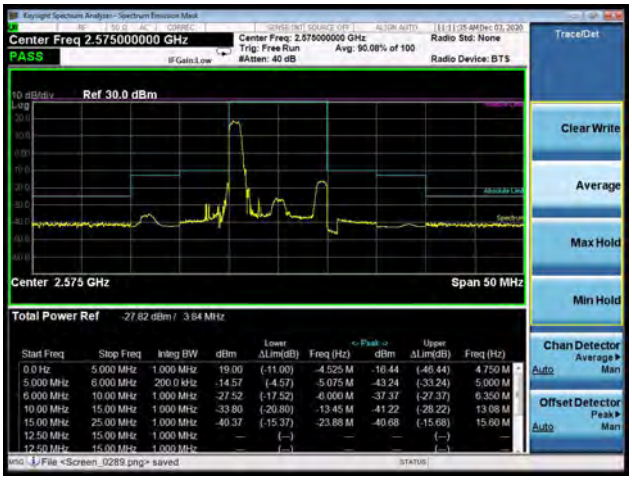
LTE Band 38 16QAM 5MHz CH-Low, 100%RB



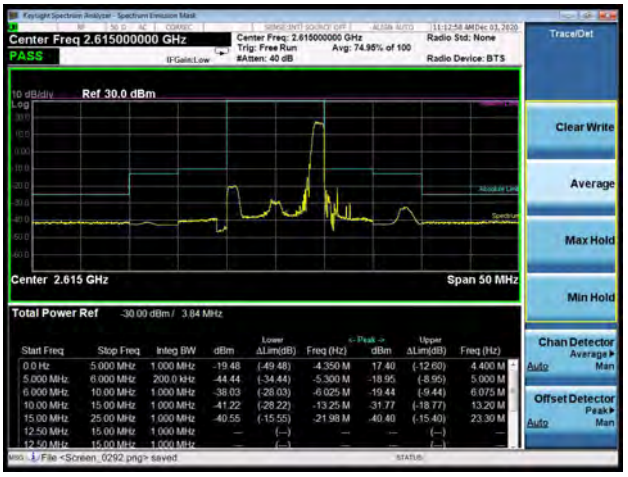
LTE Band 38 16QAM 5MHz CH-High, 100%RB



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



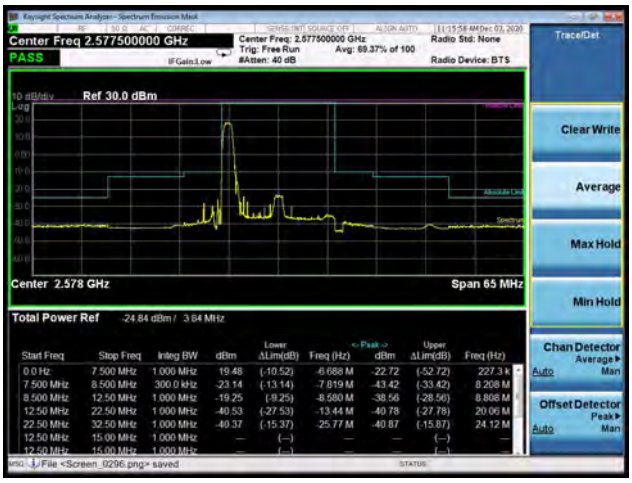
LTE Band 38 16QAM 10MHz CH-High, 1 RB



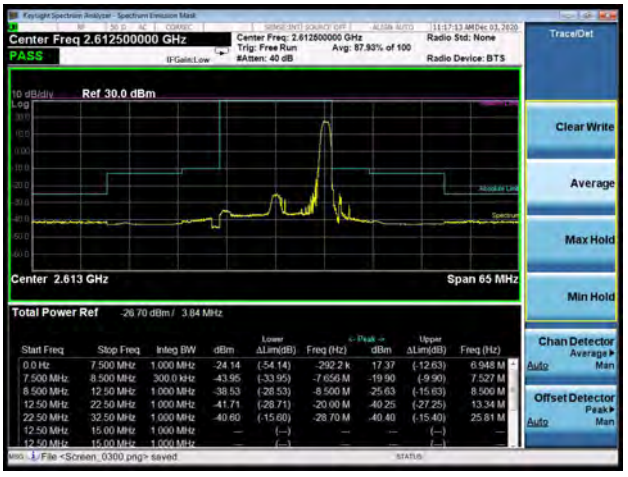
LTE Band 38 16QAM 10MHz CH-Low, 100%RB

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

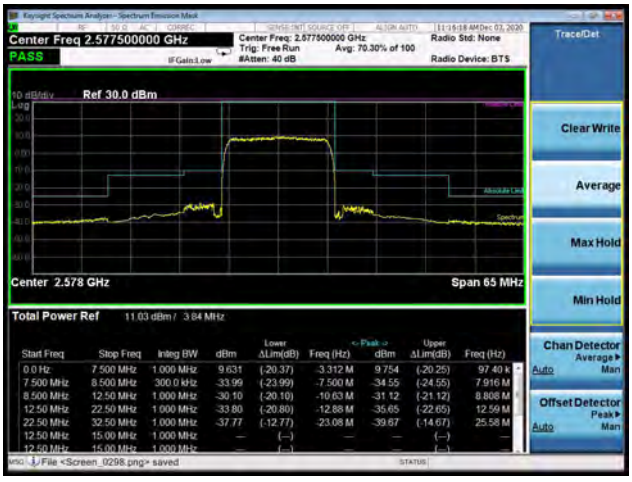
LTE Band 38 16QAM 15MHz CH-Low, 1 RB



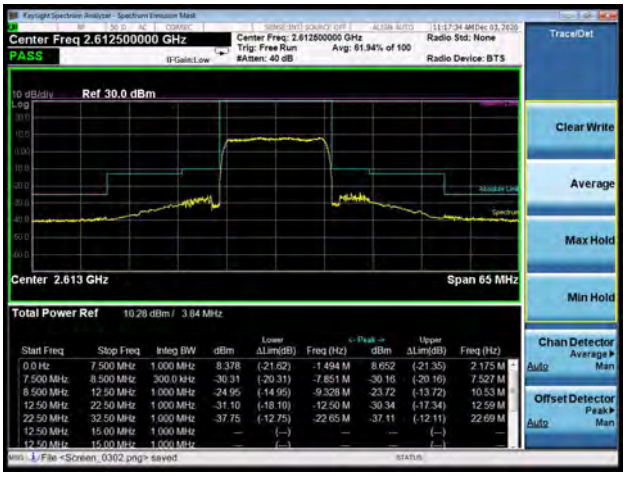
LTE Band 38 16QAM 15MHz CH-High, 1 RB



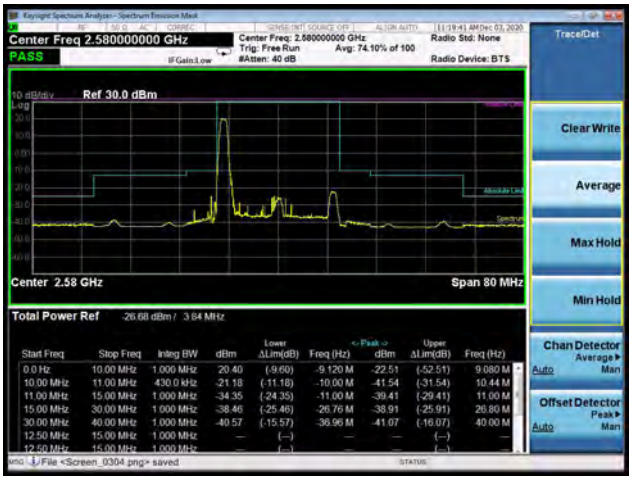
LTE Band 38 16QAM 15MHz CH-Low, 100%RB



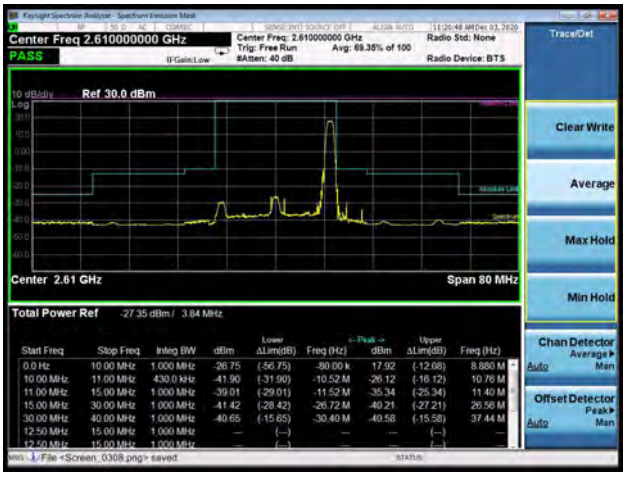
LTE Band 38 16QAM 15MHz CH-High, 100%RB



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



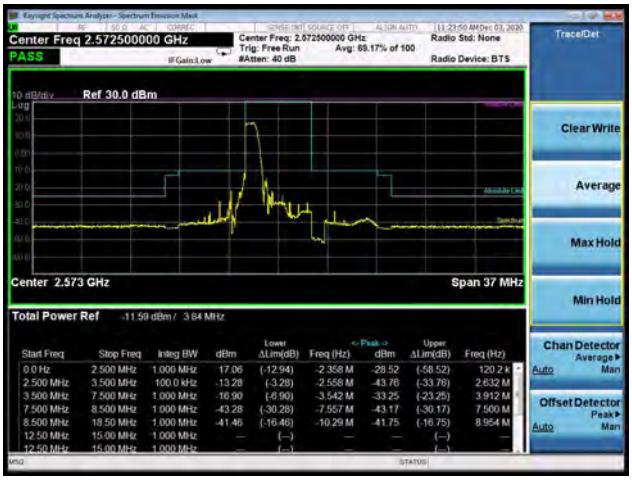
LTE Band 38 16QAM 20MHz CH-High, 1 RB



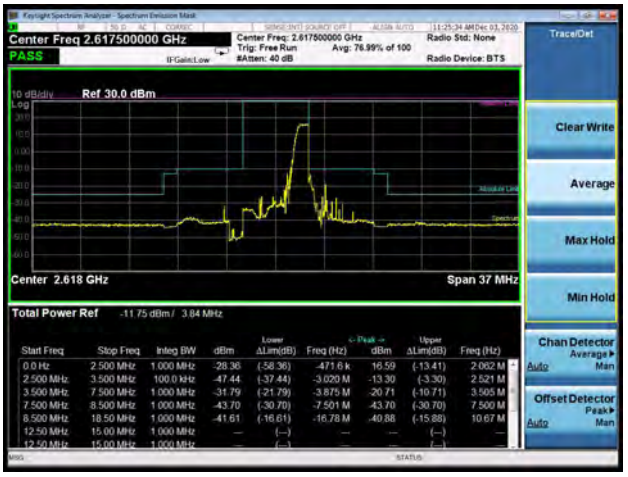
LTE Band 38 16QAM 20MHz CH-Low, 100%RB

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

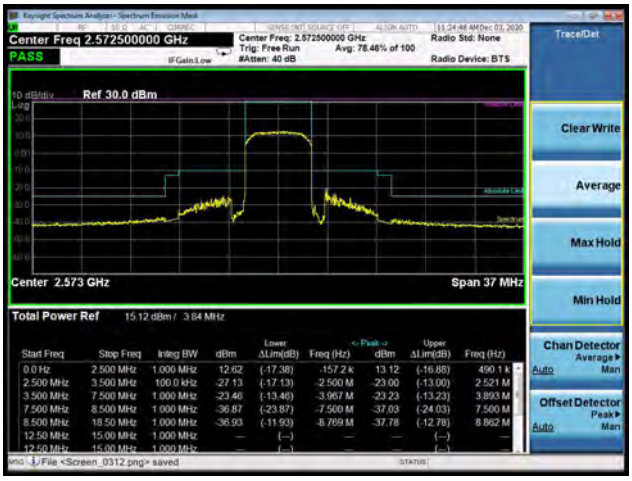
LTE Band 38 64QAM 5MHz CH-Low, 1 RB



LTE Band 38 64QAM 5MHz CH-High, 1 RB

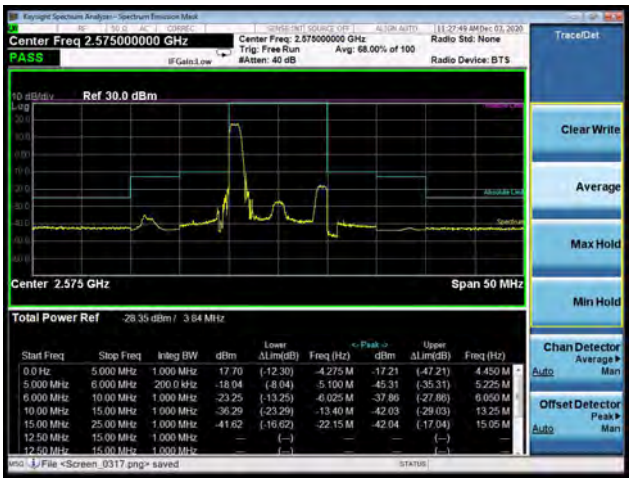


LTE Band 38 64QAM 5MHz CH-Low, 100%RB

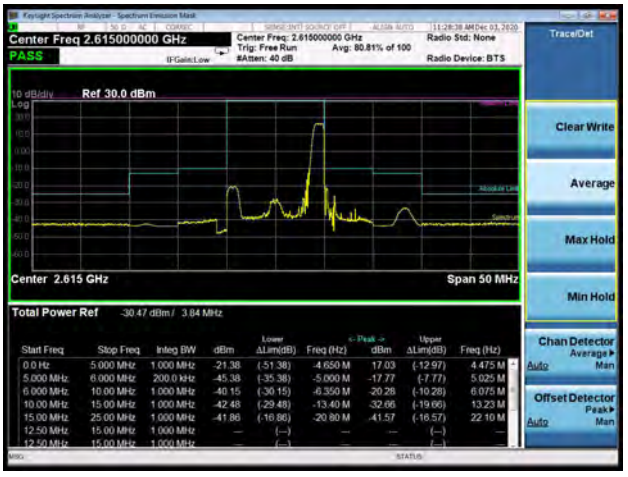


LTE Band 38 64QAM 5MHz CH-High, 100%RB

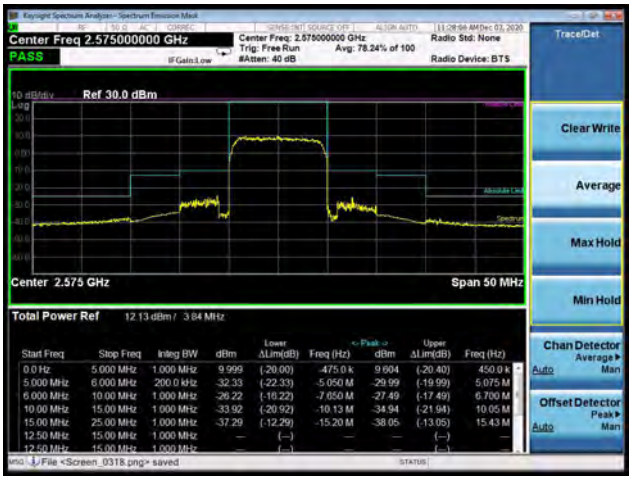
LTE Band 38 64QAM 10MHz CH-Low, 1 RB



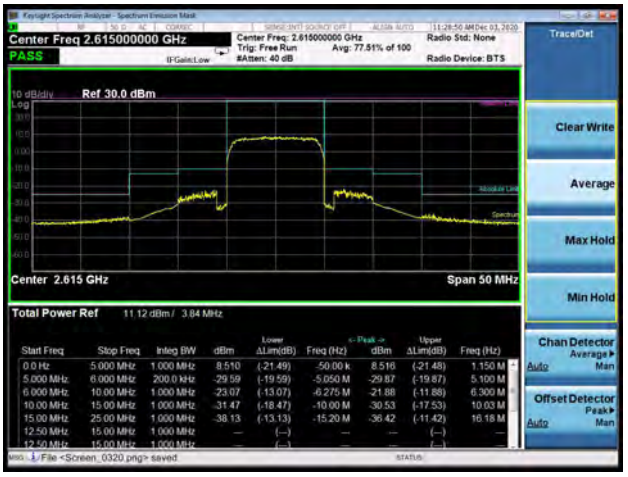
LTE Band 38 64QAM 10MHz CH-High, 1 RB



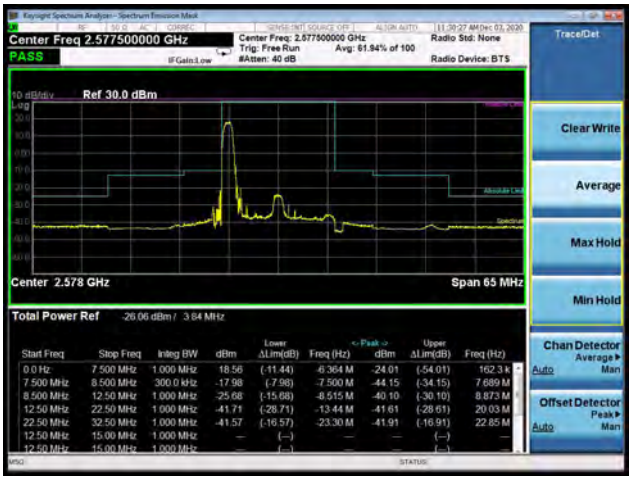
LTE Band 38 64QAM 10MHz CH-Low, 100%RB



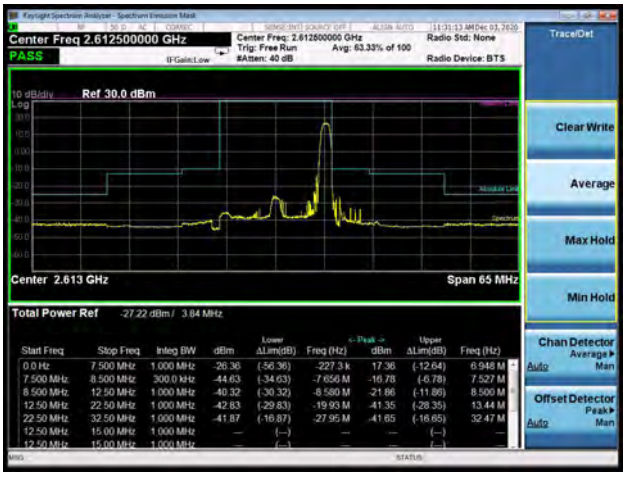
LTE Band 38 64QAM 10MHz CH-High, 100%RB



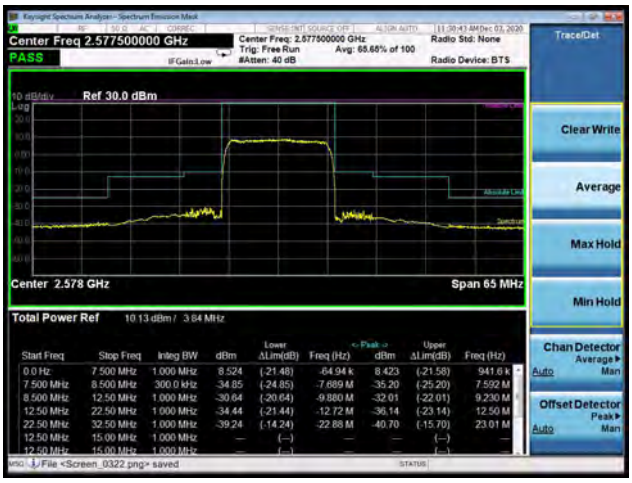
LTE Band 38 64QAM 15MHz CH-Low, 1 RB



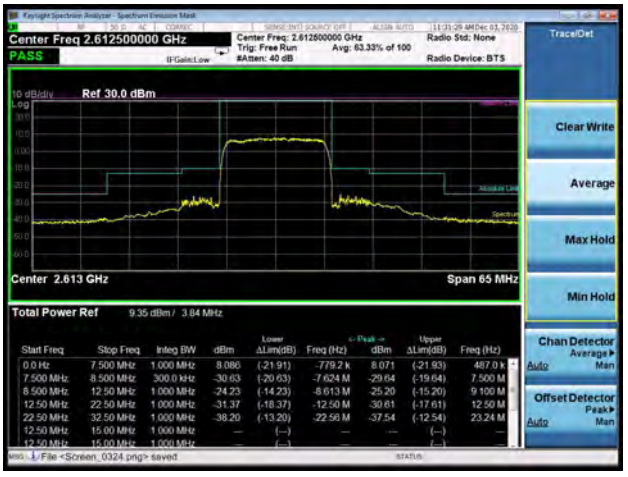
LTE Band 38 64QAM 15MHz CH-High, 1 RB



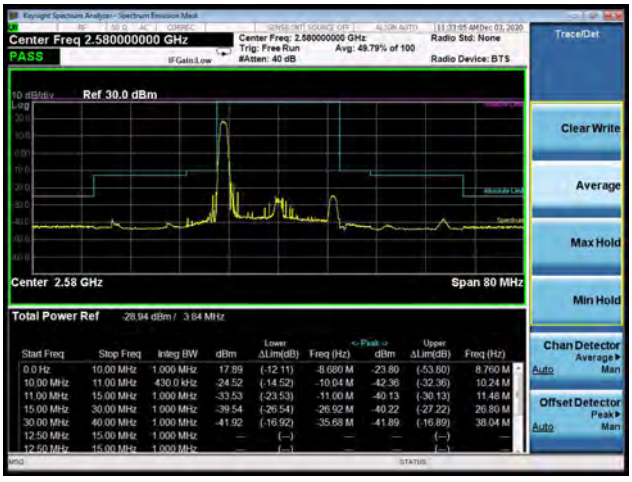
LTE Band 38 64QAM 15MHz CH-Low, 100%RB



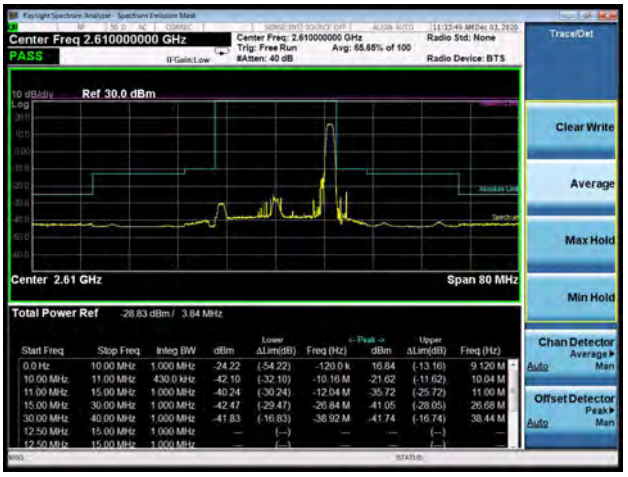
LTE Band 38 64QAM 15MHz CH-High, 100%RB



LTE Band 38 64QAM 20MHz CH-Low, 1 RB



LTE Band 38 64QAM 20MHz CH-High, 1 RB

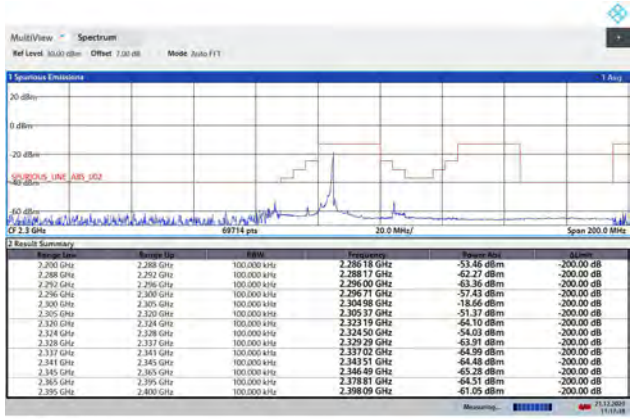


LTE Band 38 64QAM 20MHz CH-Low, 100%RB

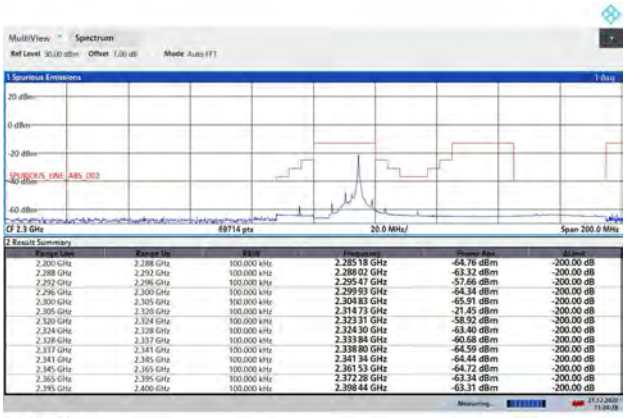
LTE Band 38 64QAM 20MHz CH-High, 100%RB

LTE Band 40(2305MHz -2315MHz)

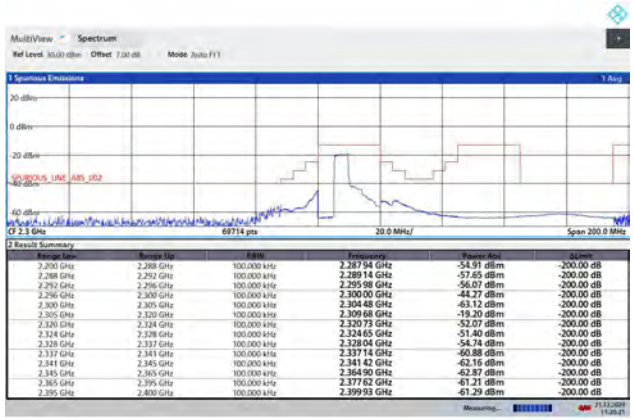
LTE Band 40 QPSK 5MHz CH-Low, 1 RB



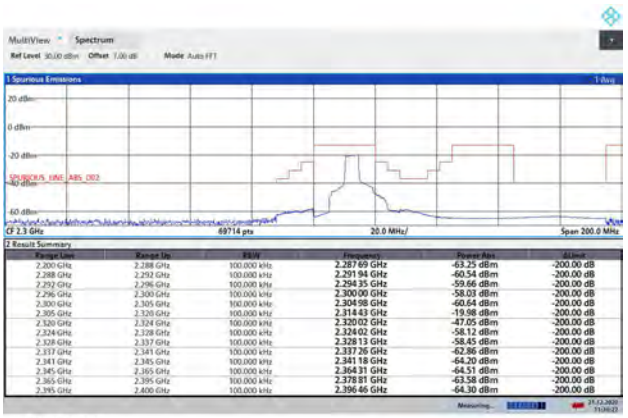
LTE Band 40 QPSK 5MHz CH-High, 1 RB



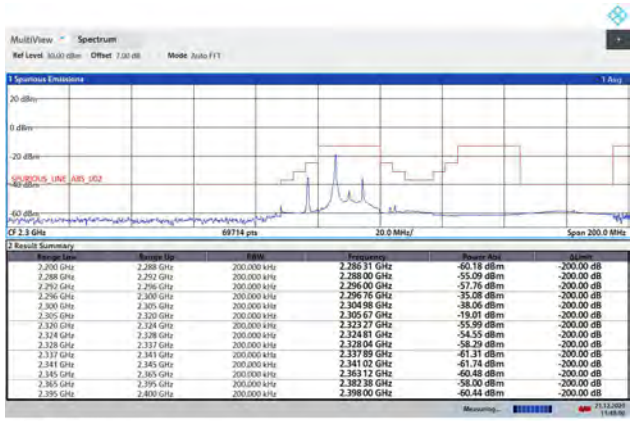
LTE Band 40 QPSK 5MHz CH-Low, 100%RB



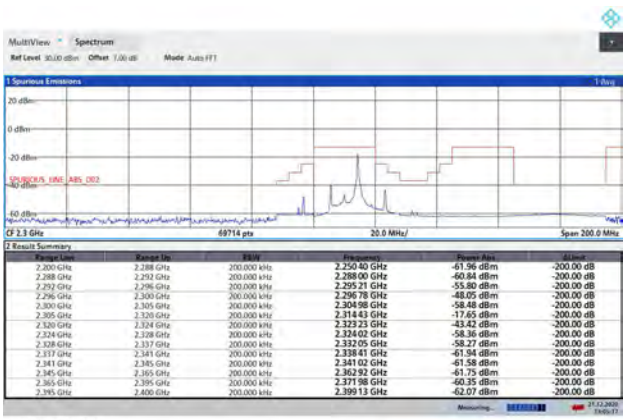
LTE Band 40 QPSK 5MHz CH-High, 100%RB



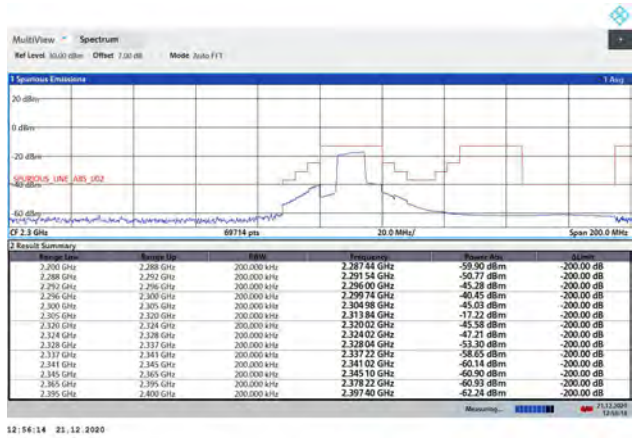
LTE Band 40 QPSK 10MHz CH-Low, 1 RB



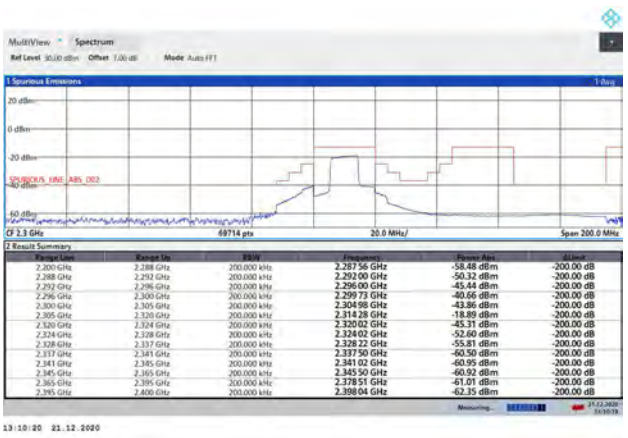
LTE Band 40 QPSK 10MHz CH-High, 1 RB



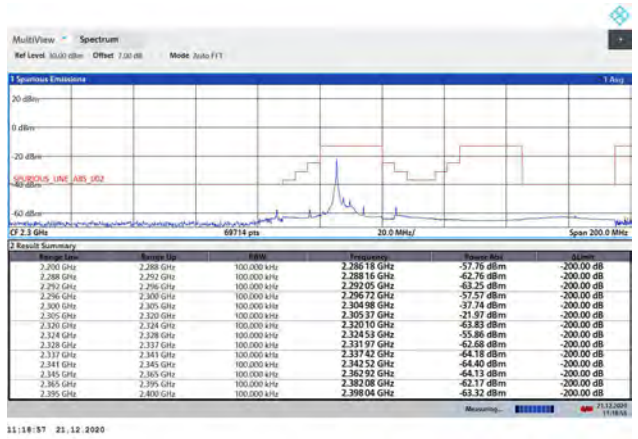
LTE Band 40 QPSK 10MHz CH-Low, 100%RB



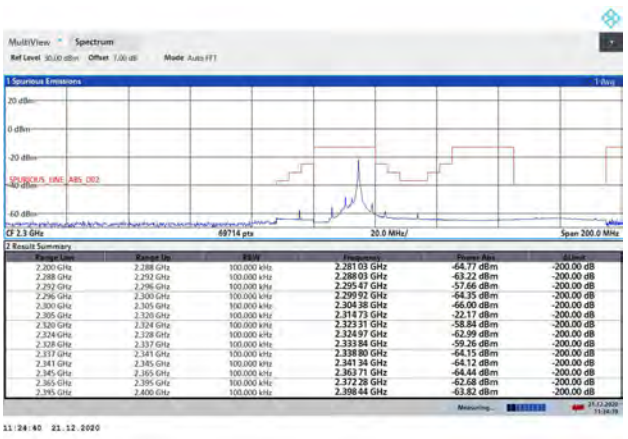
LTE Band 40 QPSK 10MHz CH-High, 100%RB



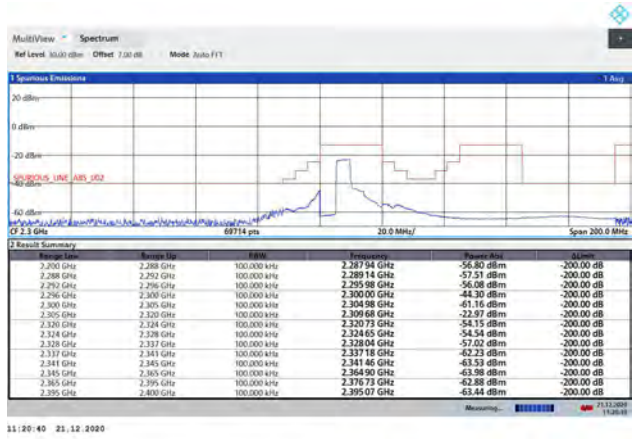
LTE Band 40 16QAM 5MHz CH-Low, 1 RB



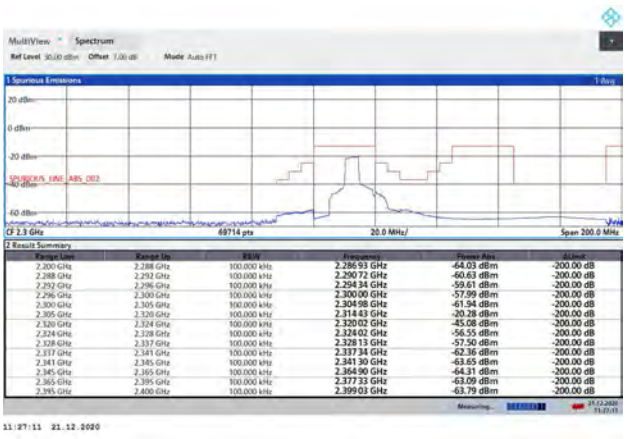
LTE Band 40 16QAM 5MHz CH-High, 1 RB



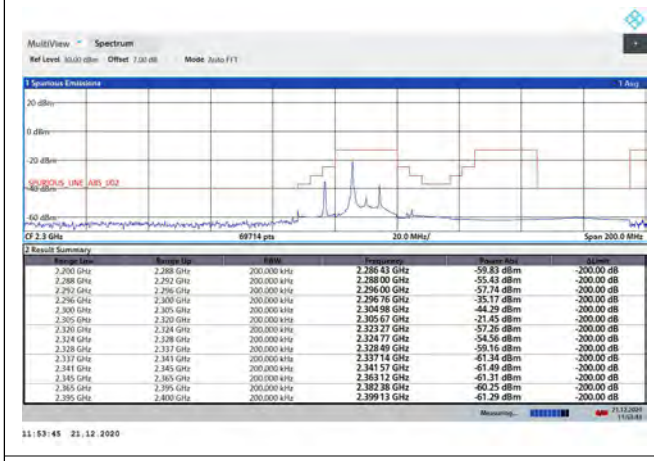
LTE Band 40 16QAM 5MHz CH-Low, 100%RB



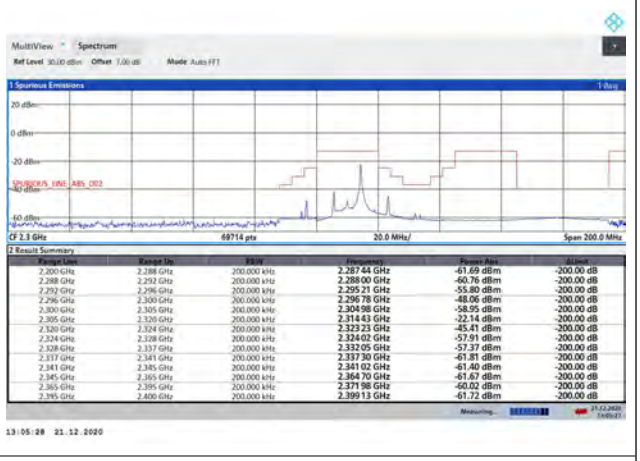
LTE Band 40 16QAM 5MHz CH-High, 100%RB



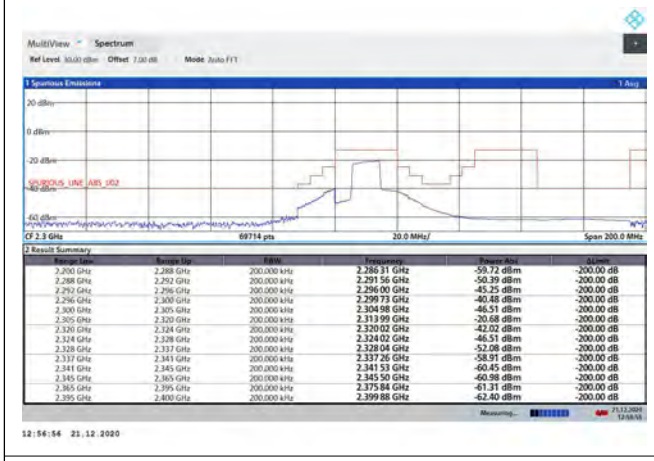
LTE Band 40 16QAM 10MHz CH-Low, 1 RB



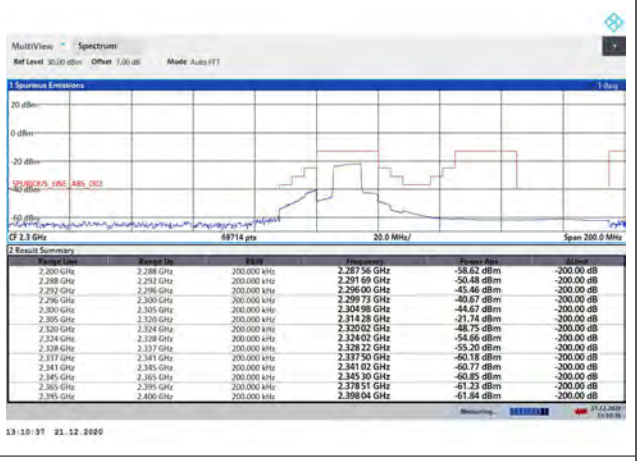
LTE Band 40 16QAM 10MHz CH-High, 1 RB



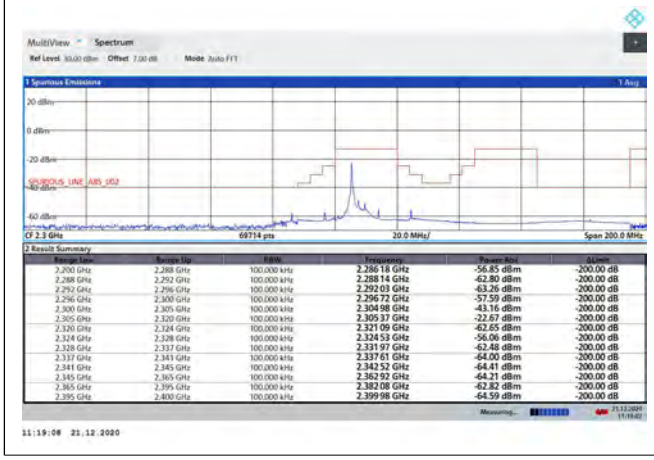
LTE Band 40 16QAM 10MHz CH-Low, 100%RB



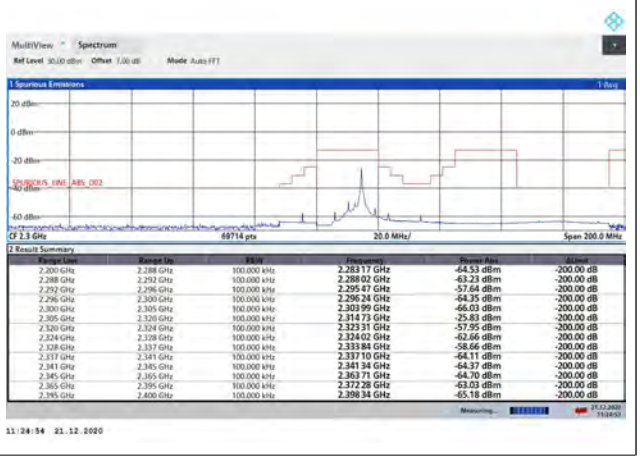
LTE Band 40 16QAM 10MHz CH-High, 100%RB



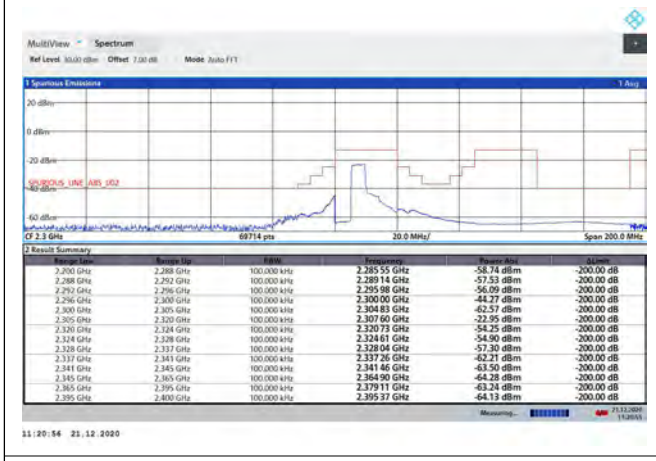
LTE Band 40 64QAM 5MHz CH-Low, 1 RB



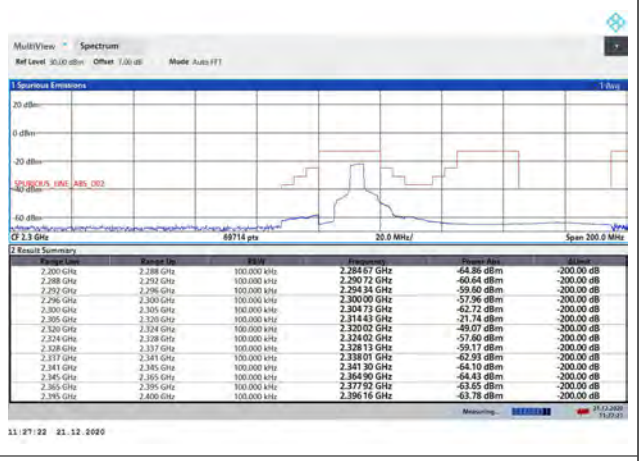
LTE Band 40 64QAM 5MHz CH-High, 1 RB



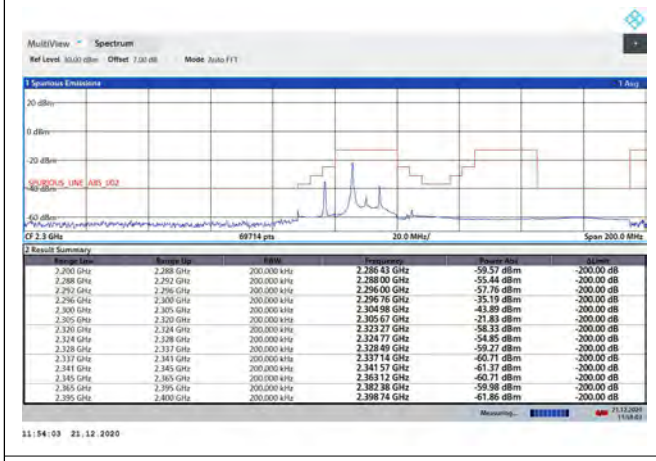
LTE Band 40 64QAM 5MHz CH-Low, 100%RB



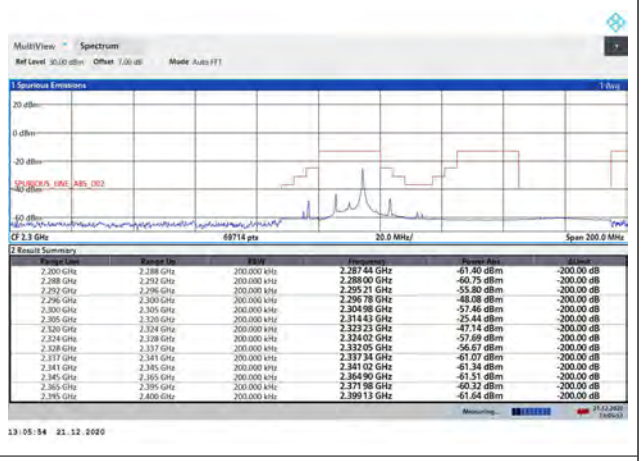
LTE Band 40 64QAM 5MHz CH-High, 100%RB



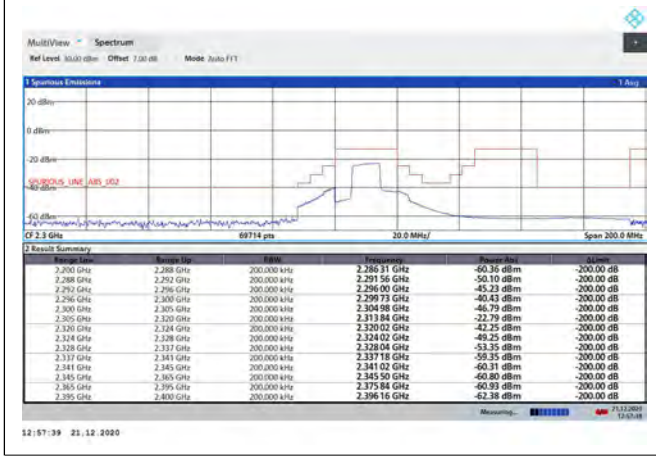
LTE Band 40 64QAM 10MHz CH-Low, 1 RB



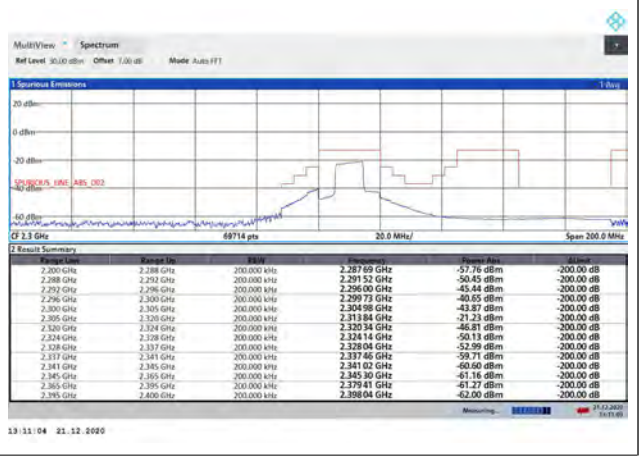
LTE Band 40 64QAM 10MHz CH-High, 1 RB



LTE Band 40 64QAM 10MHz CH-Low, 100%RB

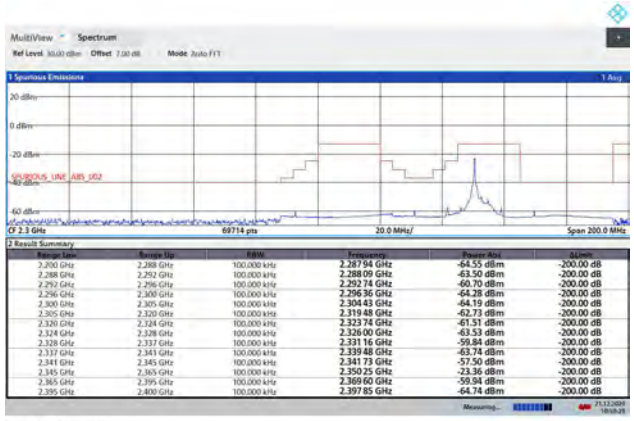


LTE Band 40 64QAM 10MHz CH-High, 100%RB

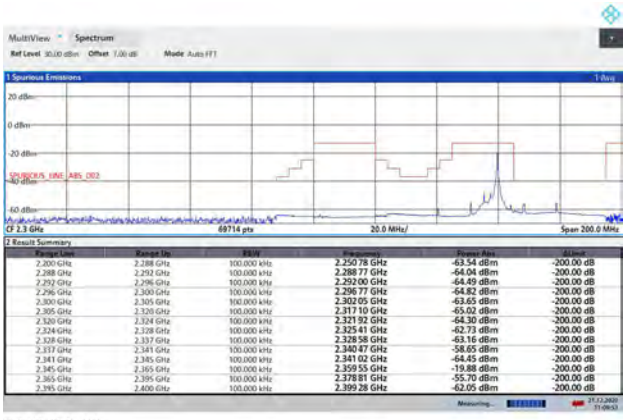


LTE Band 40(2350MHz - 2360MHz)

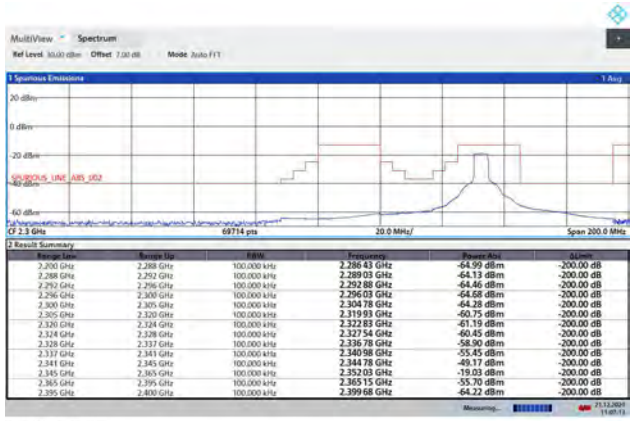
LTE Band 40 QPSK 5MHz CH-Low, 1 RB



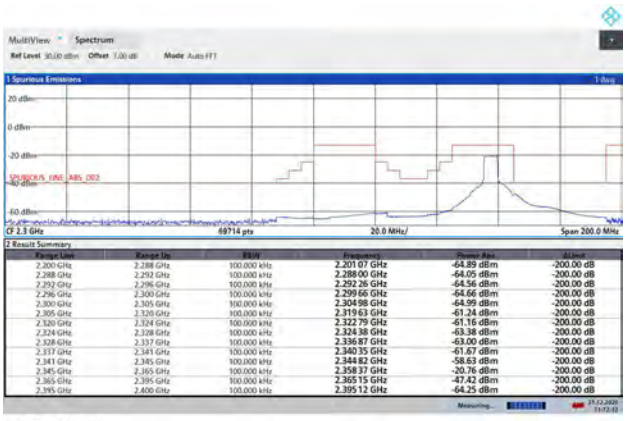
LTE Band 40 QPSK 5MHz CH-High, 1 RB



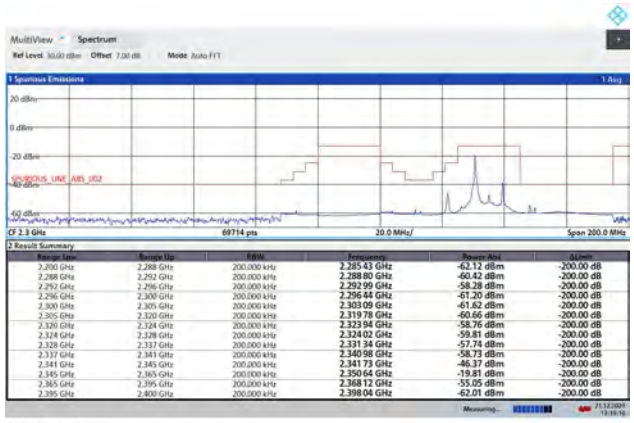
LTE Band 40 QPSK 5MHz CH-Low, 100%RB



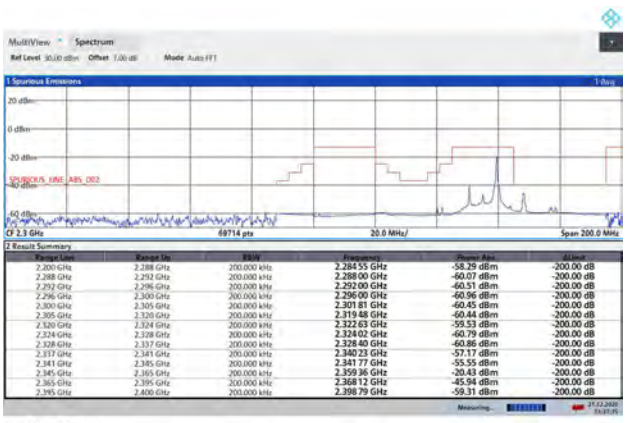
LTE Band 40 QPSK 5MHz CH-High, 100%RB



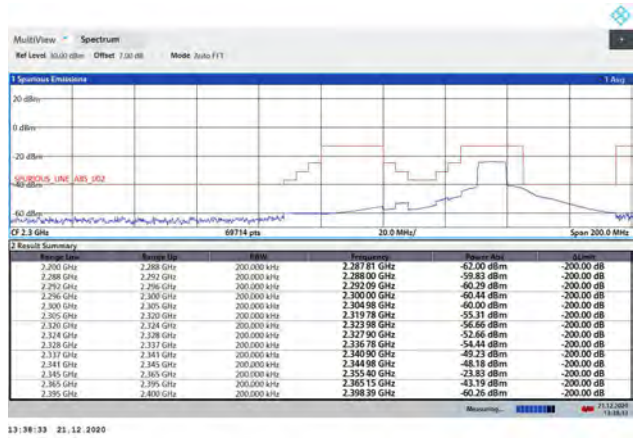
LTE Band 40 QPSK 10MHz CH-Low, 1 RB



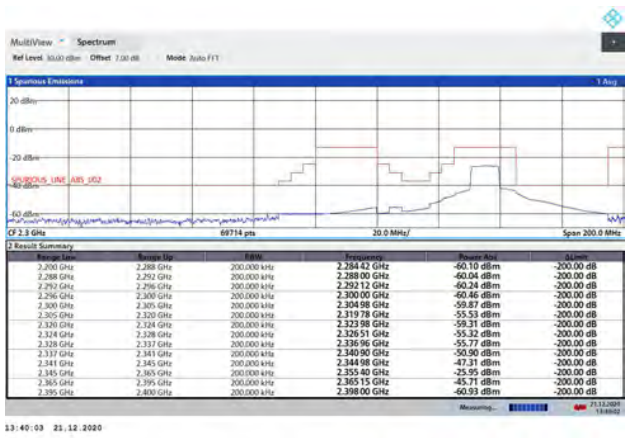
LTE Band 40 QPSK 10MHz CH-High, 1 RB



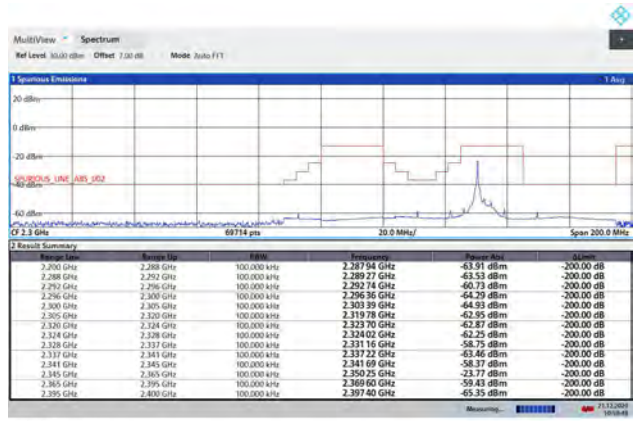
LTE Band 40 QPSK 10MHz CH-Low, 100%RB



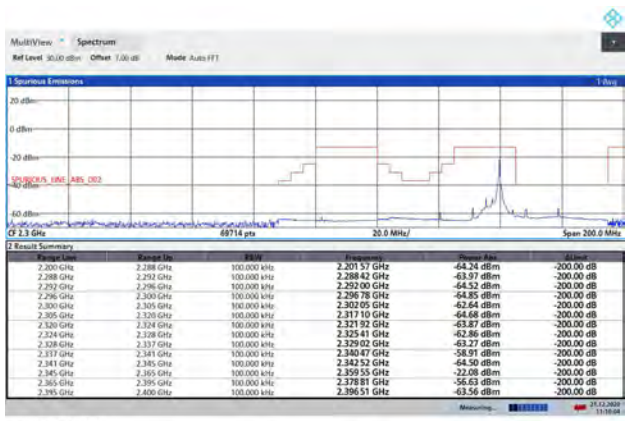
LTE Band 40 QPSK 10MHz CH-High, 100%RB



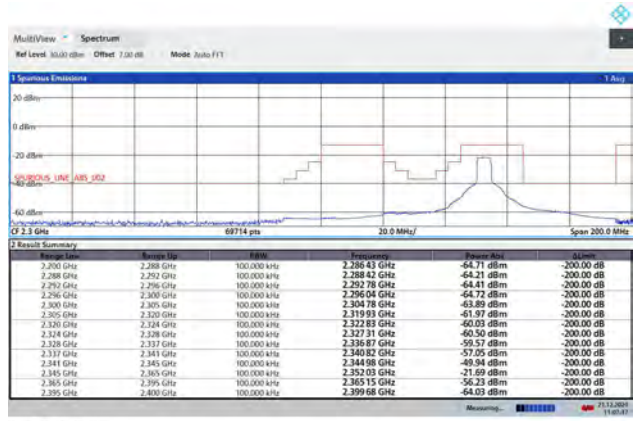
LTE Band 40 16QAM 5MHz CH-Low, 1 RB



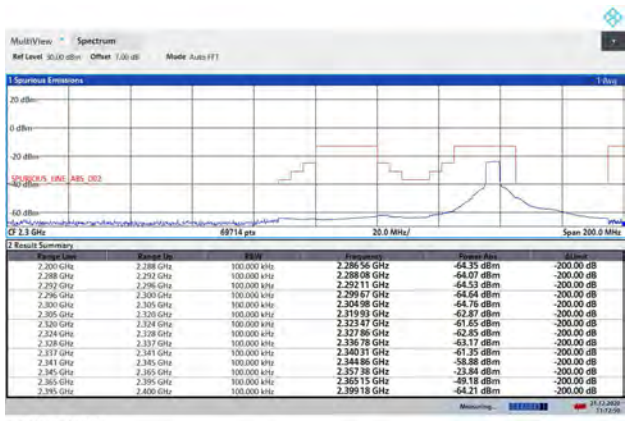
LTE Band 40 16QAM 5MHz CH-High, 1 RB



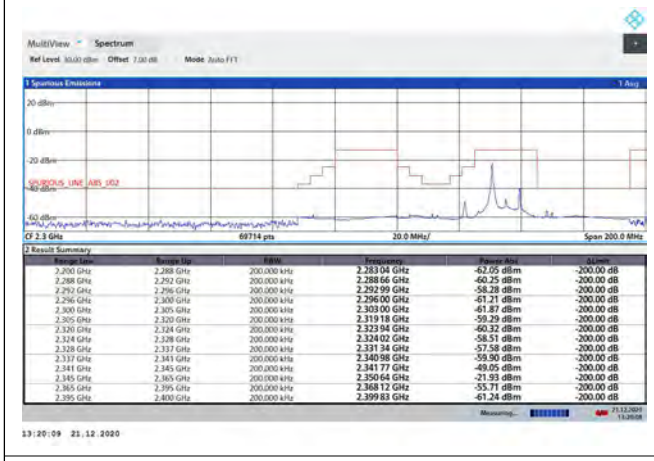
LTE Band 40 16QAM 5MHz CH-Low, 100%RB



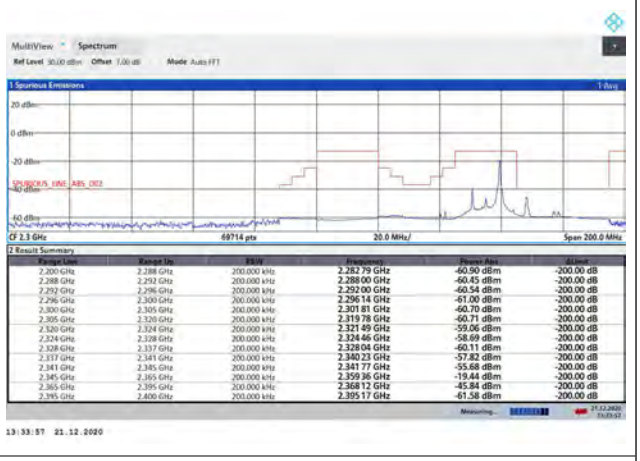
LTE Band 40 16QAM 5MHz CH-High, 100%RB



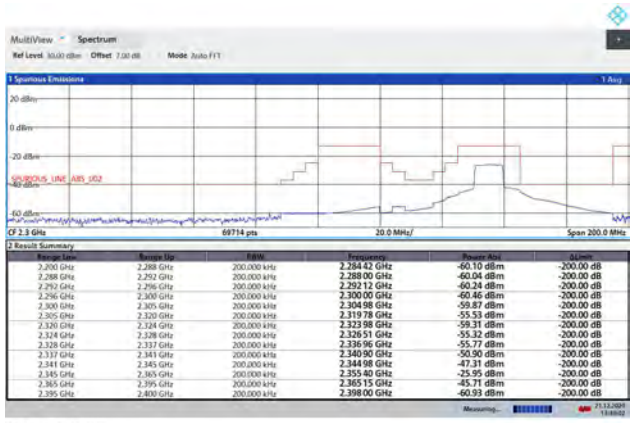
LTE Band 40 16QAM 10MHz CH-Low, 1 RB



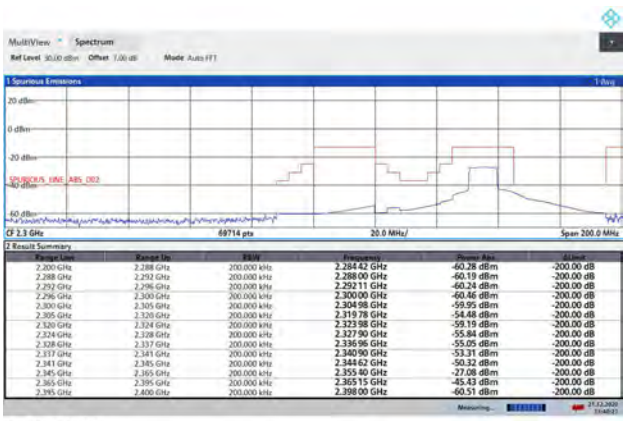
LTE Band 40 16QAM 10MHz CH-High, 1 RB



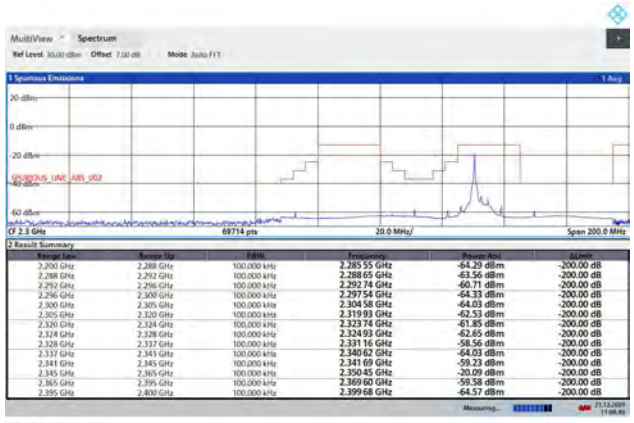
LTE Band 40 16QAM 10MHz CH-Low, 100%RB



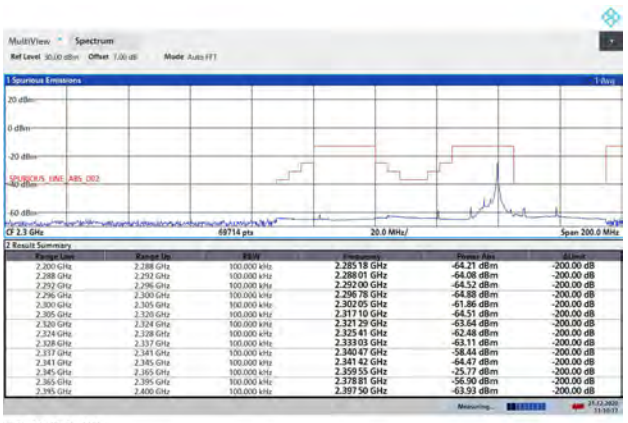
LTE Band 40 16QAM 10MHz CH-High, 100%RB



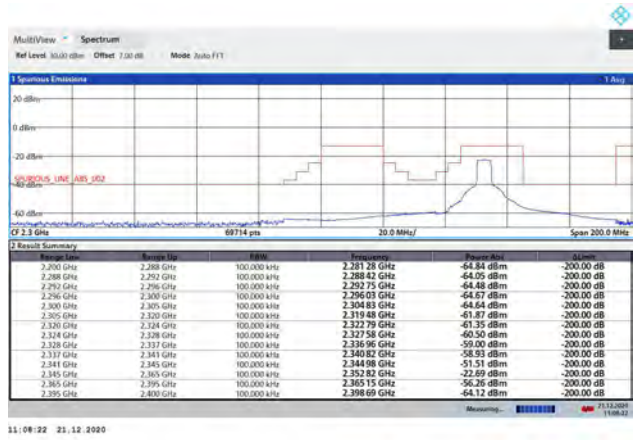
LTE Band 40 64QAM 5MHz CH-Low, 1 RB



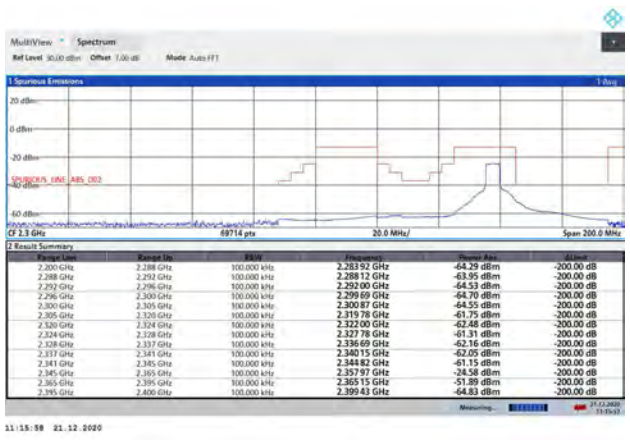
LTE Band 40 64QAM 5MHz CH-High, 1 RB



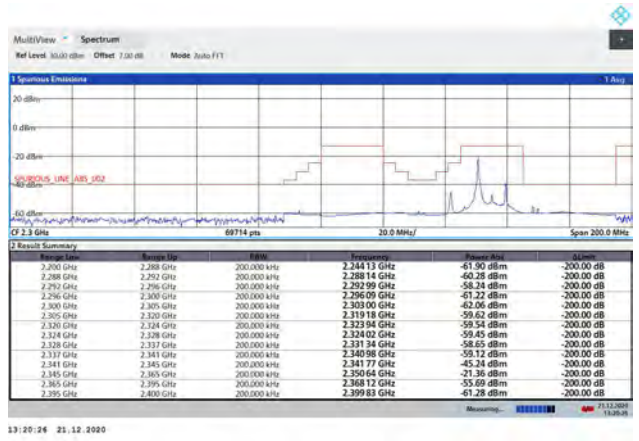
LTE Band 40 64QAM 5MHz CH-Low, 100%RB



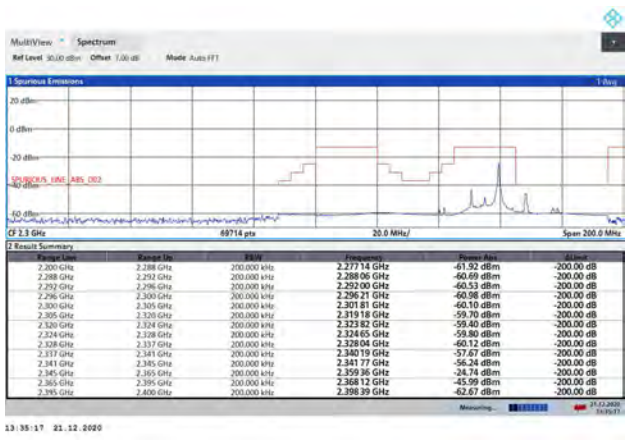
LTE Band 40 64QAM 5MHz CH-High, 100%RB



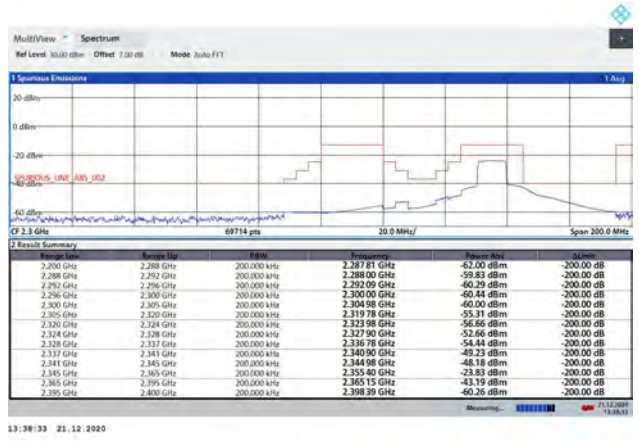
LTE Band 40 64QAM 10MHz CH-Low, 1 RB



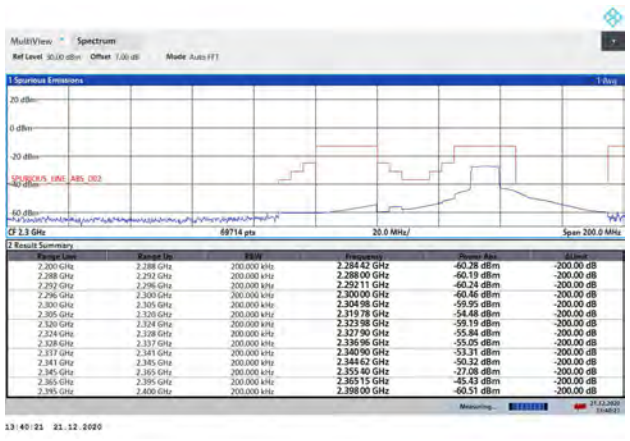
LTE Band 40 64QAM 10MHz CH-High, 1 RB



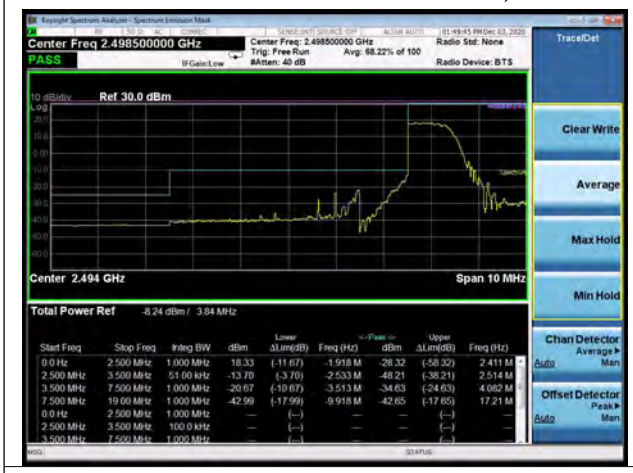
LTE Band 40 64QAM 10MHz CH-Low, 100%RB



LTE Band 40 64QAM 10MHz CH-High, 100%RB

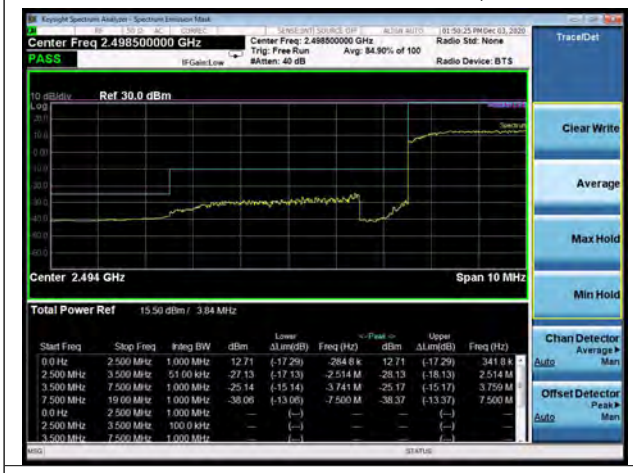


LTE Band 41 QPSK 5MHz CH-Low, 1 RB



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

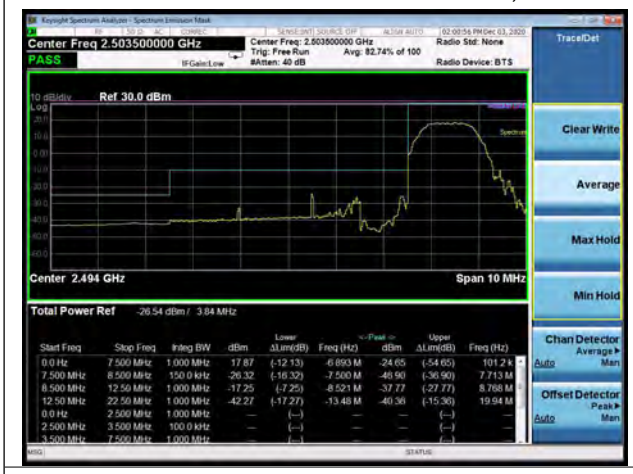
LTE Band 41 QPSK 10MHz CH-Low, 1 RB

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

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

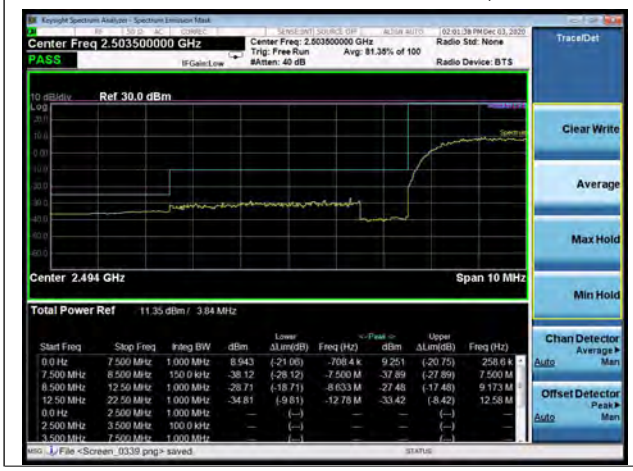
LTE Band 41 QPSK 10MHz CH-High, 100%RB

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



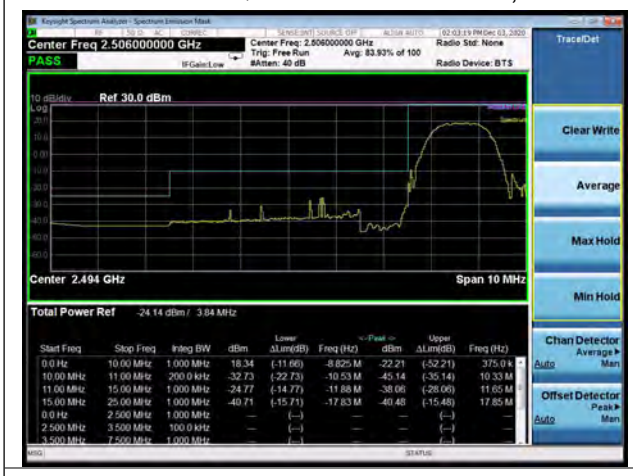
LTE Band 41 QPSK 15MHz CH-High, 1 RB

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

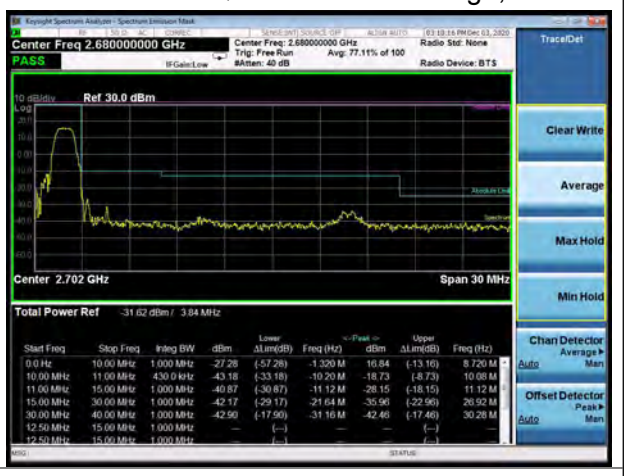


LTE Band 41 QPSK 15MHz CH-High, 100%RB

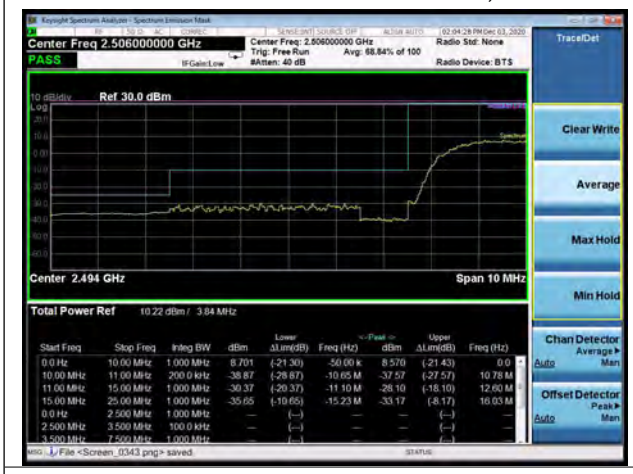
LTE Band 41 QPSK 20MHz CH-Low, 1 RB



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



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

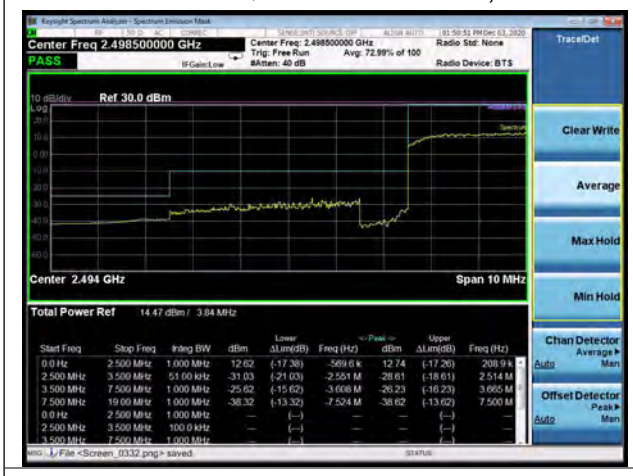


LTE Band 41 QPSK 20MHz CH-High, 100%RB

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

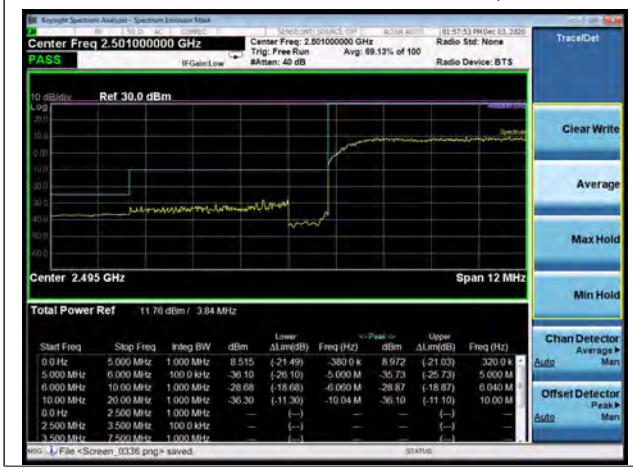


LTE Band 41 16QAM 5MHz CH-High, 100%RB

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

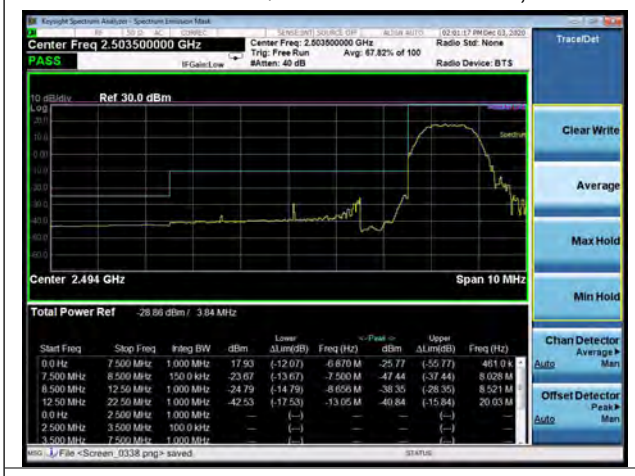
LTE Band 41 16QAM 10MHz CH-High, 1 RB

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

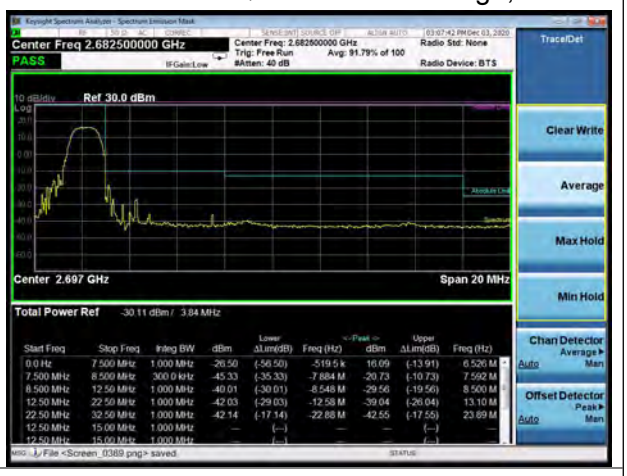


LTE Band 41 16QAM 10MHz CH-High, 100%RB

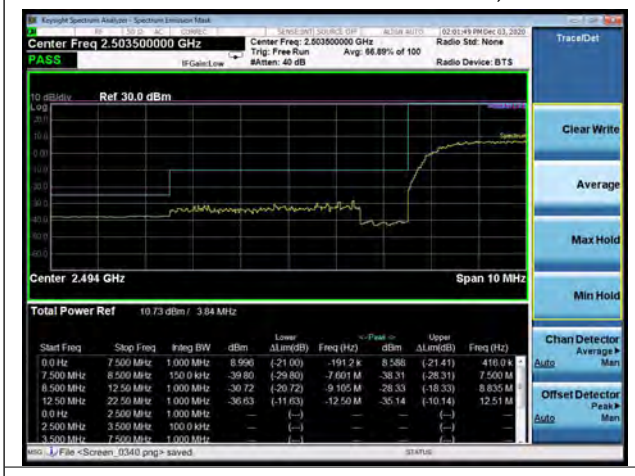
LTE Band 41 16QAM 15MHz CH-Low, 1 RB



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

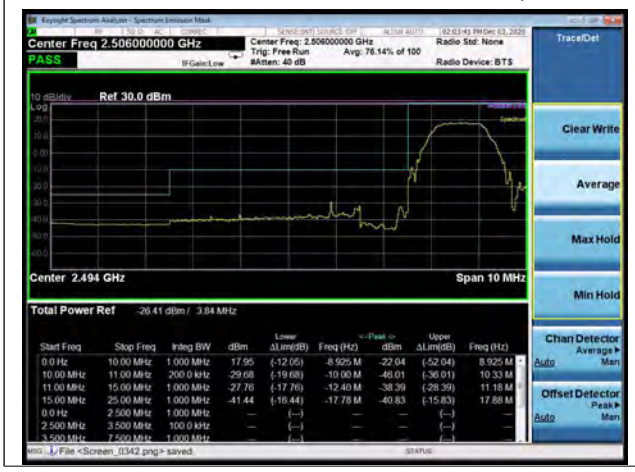


LTE Band 41 16QAM 15MHz CH-Low, 100%RB

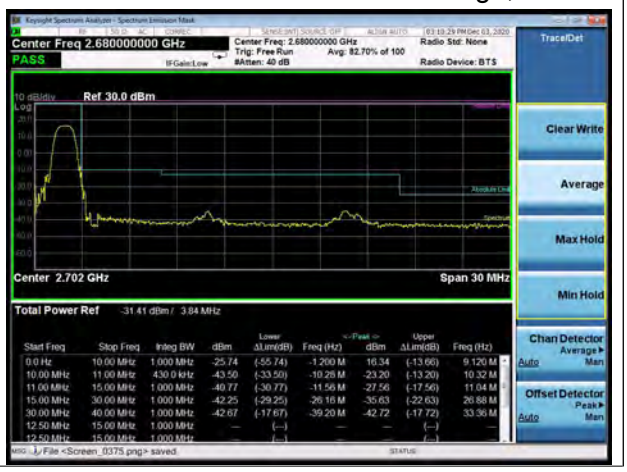


LTE Band 41 16QAM 15MHz CH-High, 100%RB

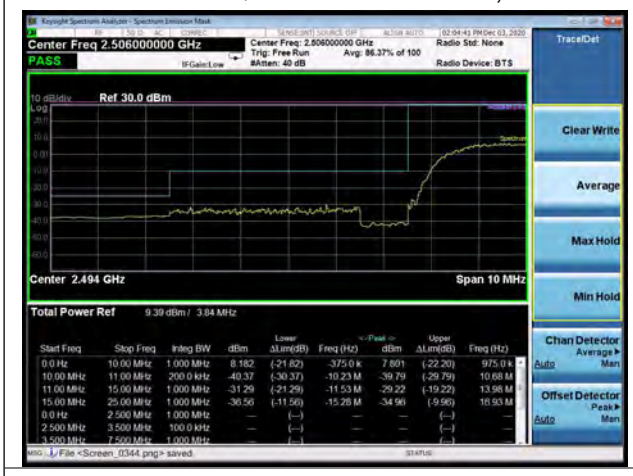
LTE Band 41 16QAM 20MHz CH-Low, RB 1



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



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

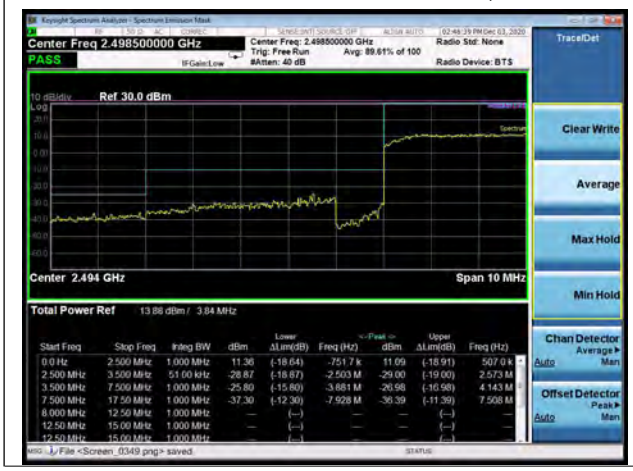


LTE Band 41 16QAM 20MHz CH-High, 100%RB

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

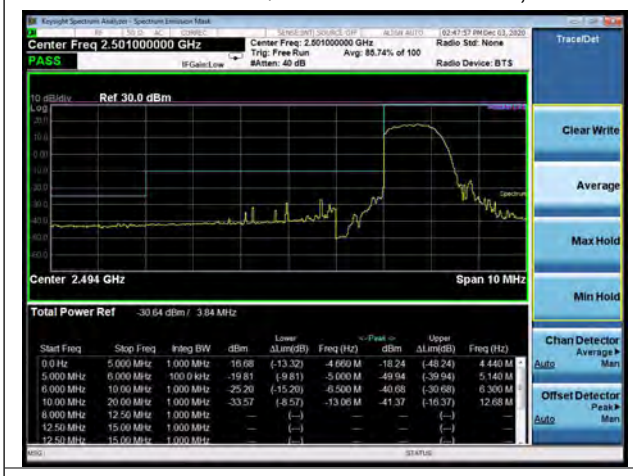
LTE Band 41 64QAM 5MHz CH-High, 1 RB

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



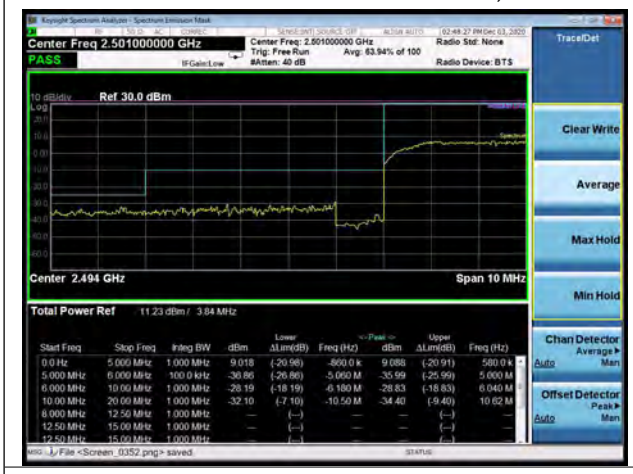
LTE Band 41 64QAM 5MHz CH-High, 100%RB

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



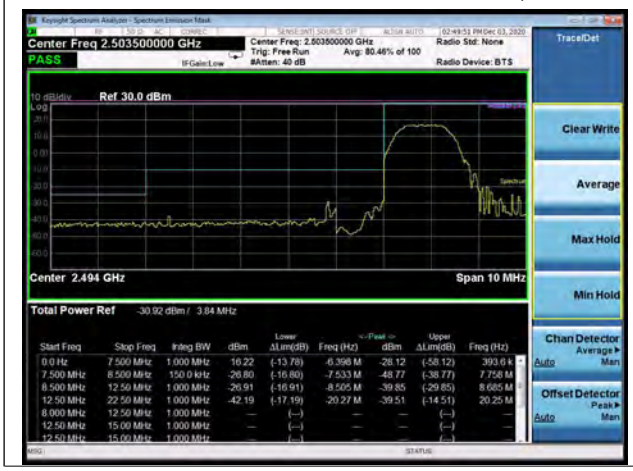
LTE Band 41 64QAM 10MHz CH-High, 1 RB

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

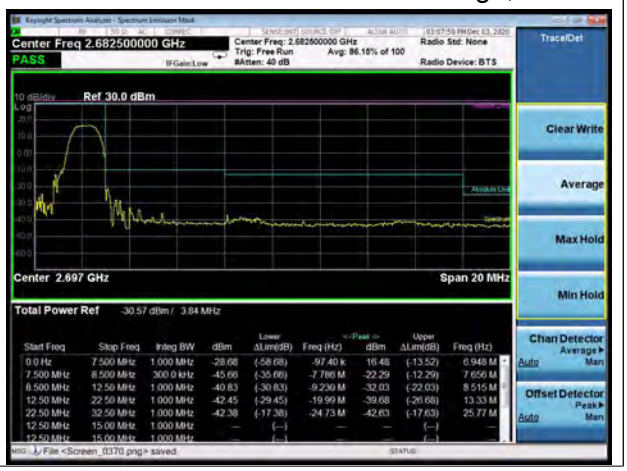


LTE Band 41 64QAM 10MHz CH-High, 100%RB

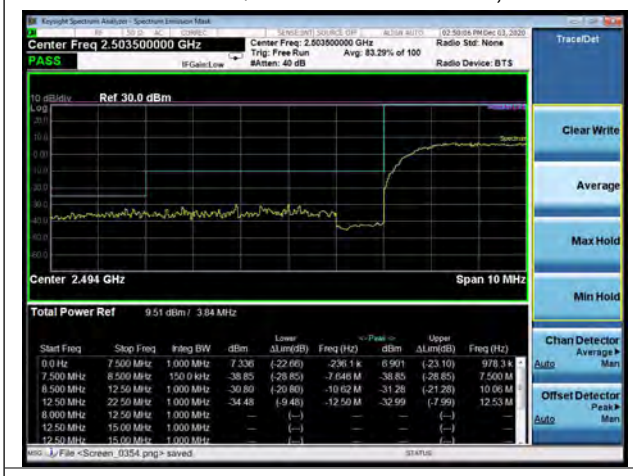
LTE Band 41 64QAM 15MHz CH-Low, 1 RB



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



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

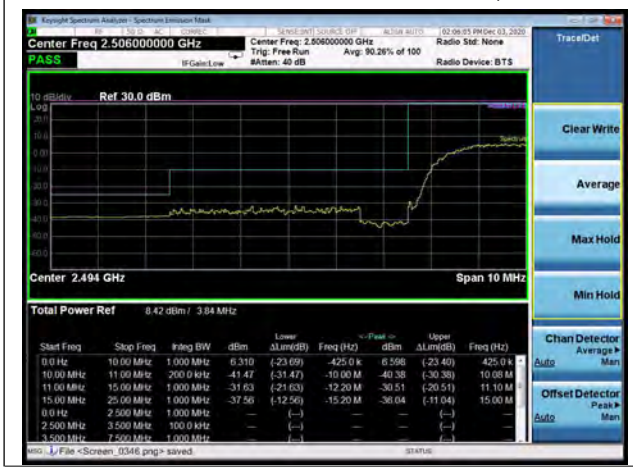


LTE Band 41 64QAM 15MHz CH-High, 100%RB

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

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

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



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

5.4 Peak-to-Average Power Ratio (PAPR)

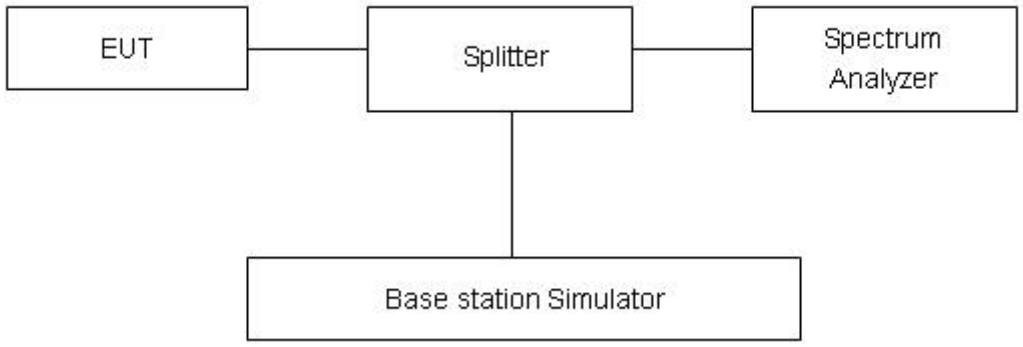
Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Methods of Measurement

Measure the total peak power and record as PPk. And measure the total average power and record as PAvg. Both the peak and average power levels must be expressed in the same logarithmic units (*e.g.*, dBm). Determine the PAPR from:
PAPR (dB) = PPk (dBm) - PAvg (dBm).

Test Setup



Limits

Rule Part 27.50(d)(5) Equipment employed must be authorized in accordance with the provisions of 24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for thenormal distribution is with the coverage factor k = 2, U= 0.4 dB.

Test Results

LTE Band 38								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	37775	2572.5	25.50	16.20	9.30	≤13	PASS
		38000	2595	24.68	16.49	8.19	≤13	PASS
		38225	2617.5	23.64	15.76	7.88	≤13	PASS
	10	37800	2575	25.52	17.38	8.14	≤13	PASS
		38000	2595	24.66	16.36	8.30	≤13	PASS
		38200	2615	23.82	15.32	8.50	≤13	PASS
	15	37825	2577.5	25.56	16.12	9.44	≤13	PASS
		38000	2595	24.81	15.49	9.32	≤13	PASS
		38175	2612.5	24.21	15.09	9.12	≤13	PASS
	20	37850	2580	25.42	16.55	8.87	≤13	PASS
		38000	2595	24.83	15.96	8.87	≤13	PASS
		38150	2610	24.36	15.66	8.70	≤13	PASS
16QAM	5	37775	2572.5	25.39	15.73	9.66	≤13	PASS
		38000	2595	24.47	14.98	9.49	≤13	PASS
		38225	2617.5	23.60	15.14	8.46	≤13	PASS
	10	37800	2575	25.37	15.76	9.61	≤13	PASS
		38000	2595	24.39	14.82	9.57	≤13	PASS
		38200	2615	23.78	15.21	8.57	≤13	PASS
	15	37825	2577.5	25.32	15.76	9.56	≤13	PASS
		38000	2595	24.48	14.76	9.72	≤13	PASS
		38175	2612.5	23.98	14.50	9.48	≤13	PASS
	20	37850	2580	25.29	15.90	9.39	≤13	PASS
		38000	2595	24.57	15.39	9.18	≤13	PASS
		38150	2610	24.15	14.82	9.33	≤13	PASS
64QAM	5	37775	2572.5	24.32	14.78	9.54	≤13	PASS
		38000	2595	23.43	13.78	9.65	≤13	PASS
		38225	2617.5	22.54	13.52	9.02	≤13	PASS
	10	37800	2575	24.35	14.86	9.49	≤13	PASS
		38000	2595	23.39	13.79	9.60	≤13	PASS
		38200	2615	22.69	13.07	9.62	≤13	PASS
	15	37825	2577.5	24.32	14.48	9.84	≤13	PASS

		38000	2595	23.53	14.02	9.51	≤13	PASS
		38175	2612.5	22.98	13.62	9.36	≤13	PASS
	20	37850	2580	24.32	14.84	9.48	≤13	PASS
		38000	2595	23.54	14.04	9.50	≤13	PASS
		38150	2610	23.11	13.60	9.51	≤13	PASS

LTE Band 40(2305MHz -2315MHz)								
Modulation	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**Peak (dBm)**	**Avg (dBm)**	**PAPR (dB)**	**Limit (dB)**	**Conclusion**
QPSK	5	38725	2307.5	25.60	17.51	8.09	≤13	PASS
		38750	2310	25.93	17.38	8.55	≤13	PASS
		38775	2312.5	26.16	18.14	8.02	≤13	PASS
	10	38750	2310	26.12	17.96	8.16	≤13	PASS
16QAM	5	38725	2307.5	25.52	16.42	9.10	≤13	PASS
		38750	2310	25.76	16.21	9.55	≤13	PASS
		38775	2312.5	26.04	17.19	8.85	≤13	PASS
	10	38750	2310	25.93	16.47	9.46	≤13	PASS
64QAM	5	38725	2307.5	24.50	14.76	9.74	≤13	PASS
		38750	2310	24.76	15.23	9.53	≤13	PASS
		38775	2312.5	25.02	16.30	8.72	≤13	PASS
	10	38750	2310	24.96	15.61	9.35	≤13	PASS
LTE Band 40(2350MHz -2360MHz)								
Modulation	**Bandwidth (MHz)**	**Channel**	**Frequency (MHz)**	**Peak (dBm)**	**Avg (dBm)**	**PAPR (dB)**	**Limit (dB)**	**Conclusion**
QPSK	5	39175	2352.5	24.34	16.89	7.45	≤13	PASS
		39200	2355	24.46	17.13	7.33	≤13	PASS
		39225	2357.5	24.70	17.15	7.55	≤13	PASS
	10	39200	2355	24.51	17.08	7.43	≤13	PASS
16QAM	5	39175	2352.5	24.24	15.76	8.48	≤13	PASS
		39200	2355	24.41	15.70	8.71	≤13	PASS
		39225	2357.5	24.70	16.14	8.56	≤13	PASS
	10	39200	2355	24.55	16.34	8.21	≤13	PASS
64QAM	5	39175	2352.5	23.29	15.07	8.22	≤13	PASS
		39200	2355	23.45	15.08	8.37	≤13	PASS
		39225	2357.5	23.76	15.38	8.38	≤13	PASS

	10	39200	2355	23.61	15.22	8.39	≤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	24.70	16.02	8.68	≤13	PASS
		40620	2593	24.59	15.59	9.00	≤13	PASS
		41565	2687.5	23.02	17.32	5.70	≤13	PASS
	10	39700	2501	24.92	16.84	8.08	≤13	PASS
		40620	2593	24.58	15.93	8.65	≤13	PASS
		41540	2685	23.05	17.65	5.40	≤13	PASS
	15	39725	2503.5	25.07	15.84	9.23	≤13	PASS
		40620	2593	24.89	15.79	9.10	≤13	PASS
		41515	2682.5	23.46	16.65	6.81	≤13	PASS
	20	39750	2506	24.99	16.22	8.77	≤13	PASS
		40620	2593	24.84	15.66	9.18	≤13	PASS
		41490	2680	23.95	17.15	6.80	≤13	PASS
16QAM	5	39675	2498.5	24.50	15.01	9.49	≤13	PASS
		40620	2593	24.42	14.84	9.58	≤13	PASS
		41565	2687.5	22.99	15.79	7.20	≤13	PASS
	10	39700	2501	24.52	15.21	9.31	≤13	PASS
		40620	2593	24.40	14.76	9.64	≤13	PASS
		41540	2685	23.04	15.91	7.13	≤13	PASS
	15	39725	2503.5	24.54	14.90	9.64	≤13	PASS
		40620	2593	24.57	15.14	9.43	≤13	PASS
		41515	2682.5	23.44	16.37	7.07	≤13	PASS
	20	39750	2506	24.78	15.41	9.37	≤13	PASS
		40620	2593	24.57	15.25	9.32	≤13	PASS
		41490	2680	23.83	16.65	7.18	≤13	PASS
64QAM	5	39675	2498.5	23.38	13.72	9.66	≤13	PASS
		40620	2593	23.40	14.13	9.27	≤13	PASS
		41565	2687.5	21.98	14.96	7.02	≤13	PASS
	10	39700	2501	23.44	14.06	9.38	≤13	PASS
		40620	2593	23.34	13.73	9.61	≤13	PASS
		41540	2685	22.02	14.95	7.07	≤13	PASS

	15	39725	2503.5	23.54	14.02	9.52	≤13	PASS
		40620	2593	23.53	14.11	9.42	≤13	PASS
		41515	2682.5	22.39	15.14	7.25	≤13	PASS
	20	39750	2506	23.68	13.80	9.88	≤13	PASS
		40620	2593	23.52	13.73	9.79	≤13	PASS
		41490	2680	22.77	15.25	7.52	≤13	PASS