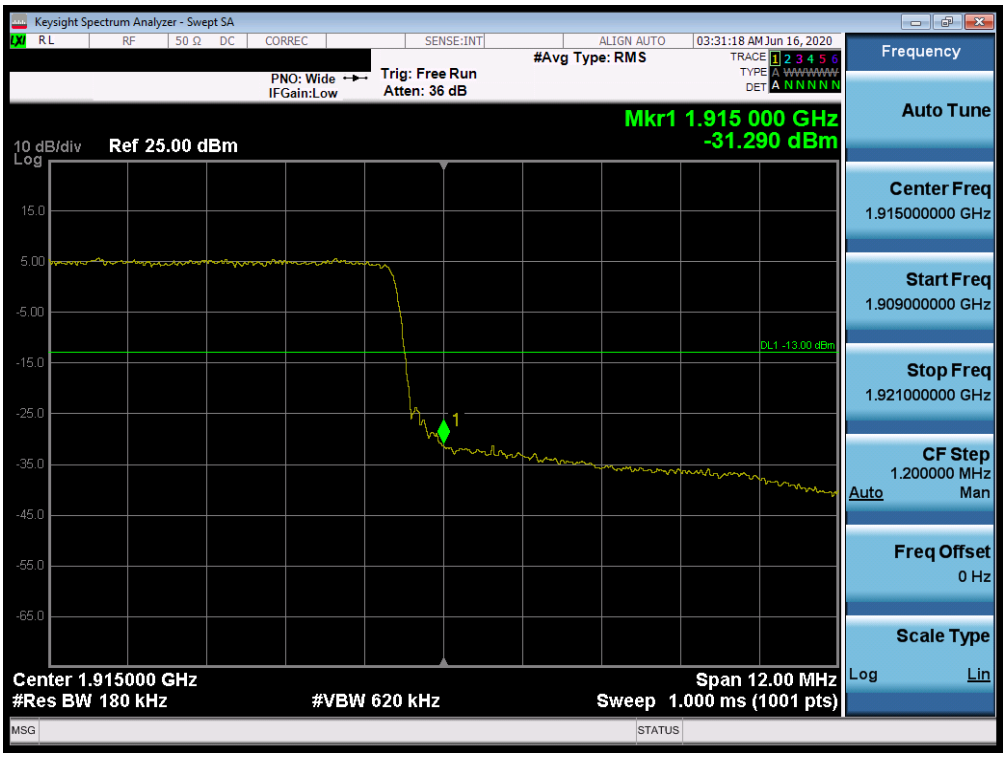
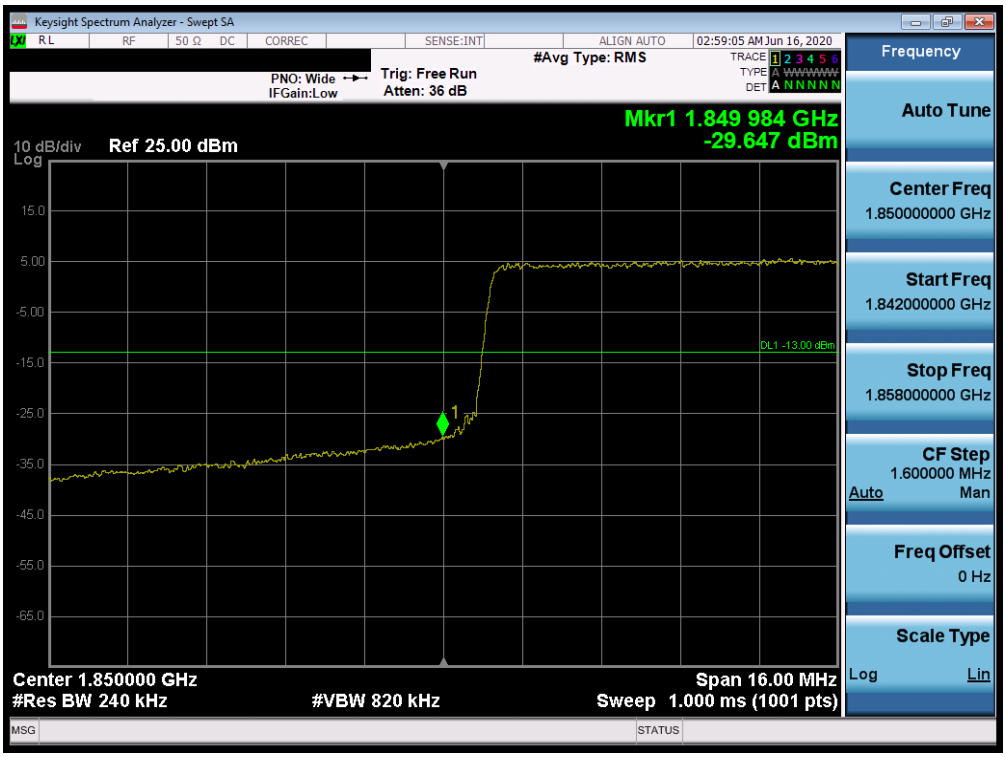


Plot 7-515. Upper Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

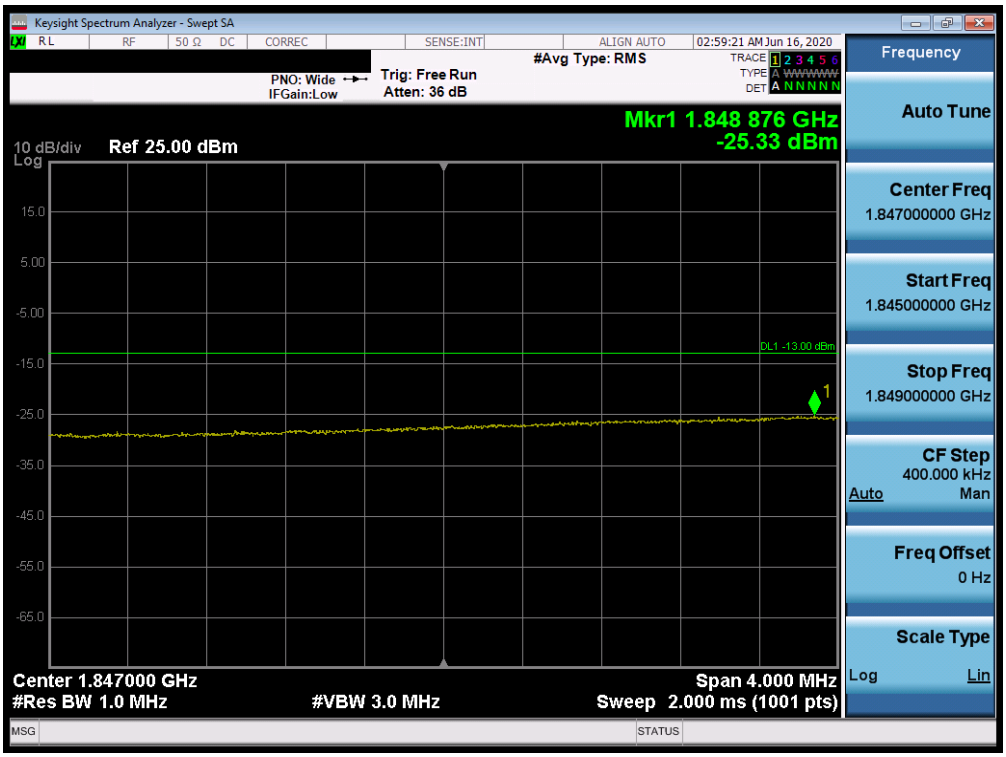
Plot 7-516. Upper Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

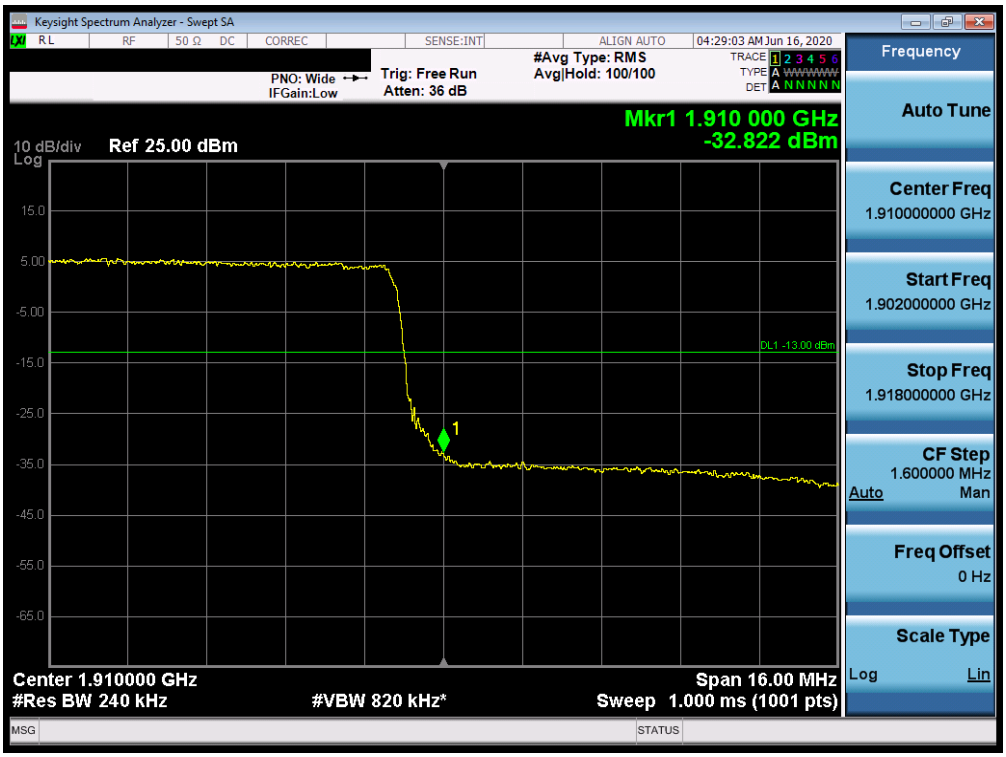


Plot 7-517. Lower Band Edge Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

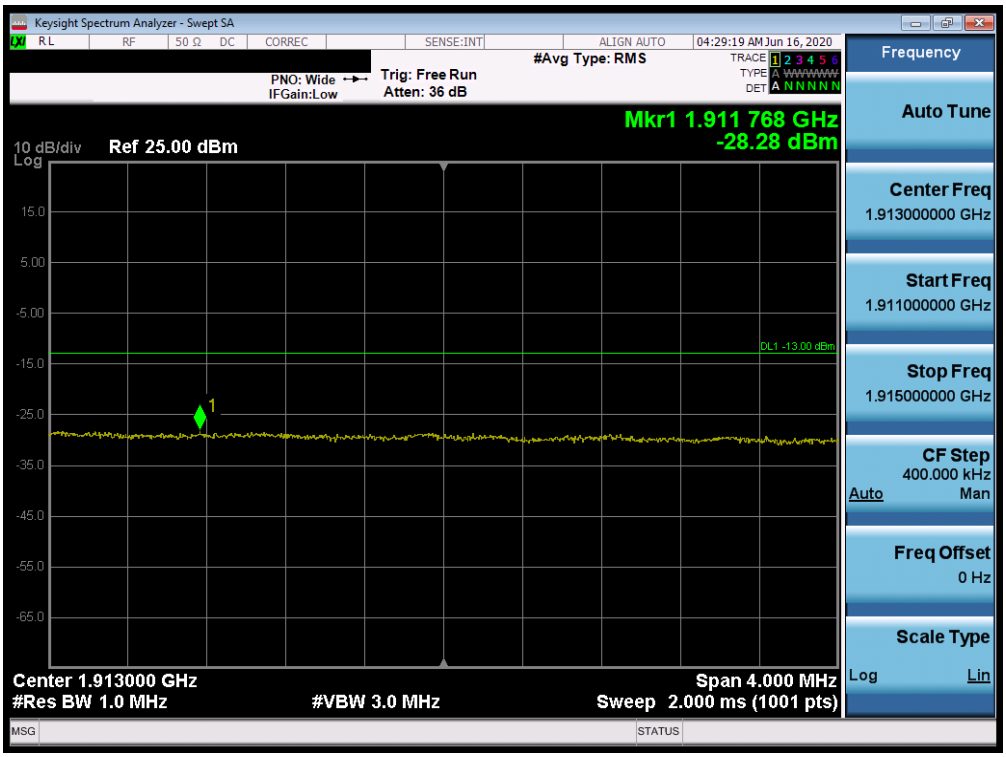


Plot 7-518. Lower Extended Band Edge Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

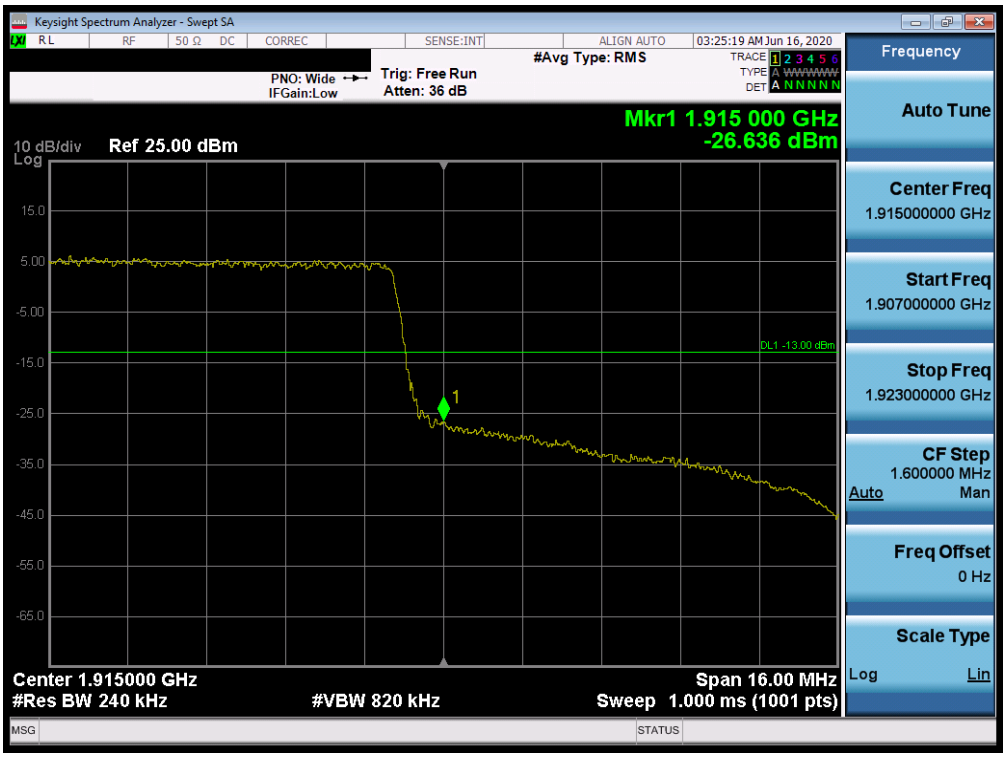


Plot 7-519. Upper Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

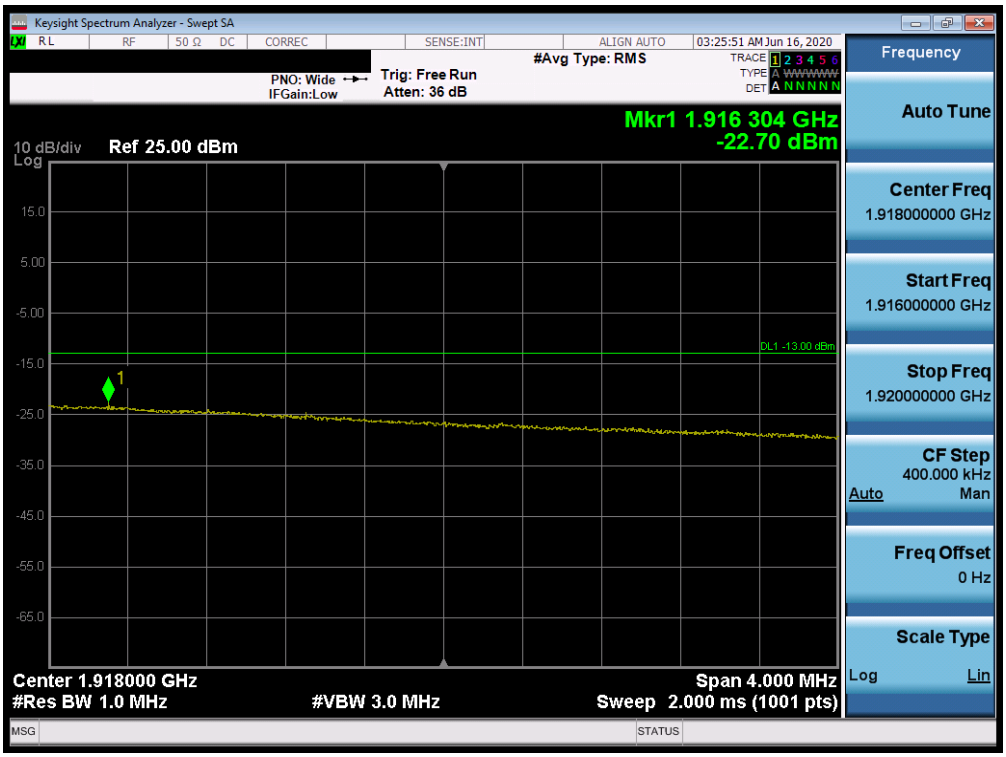


Plot 7-520. Upper Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Plot 7-521. Upper Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

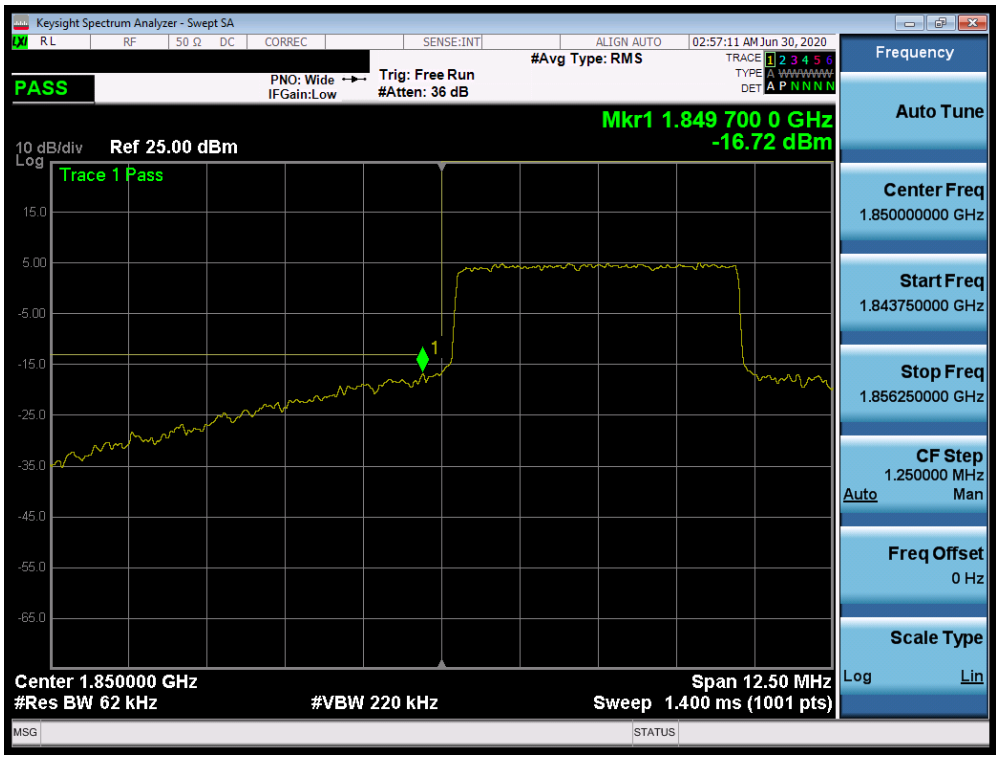


Plot 7-522. Upper Extended Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

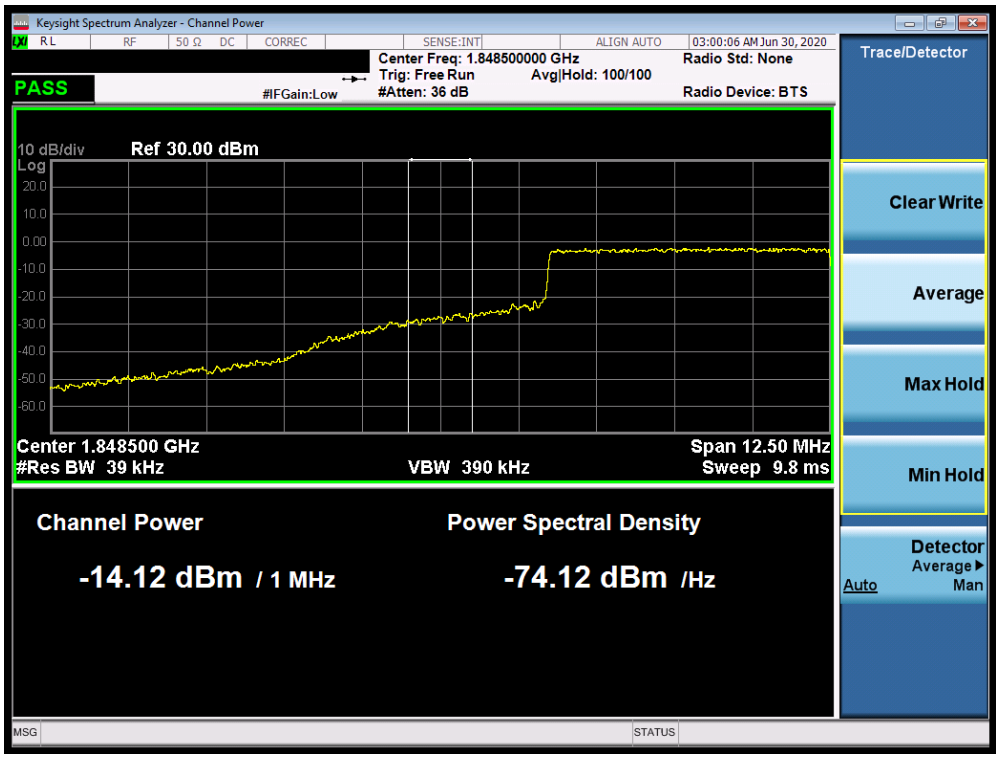
© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

NR Band n25/2

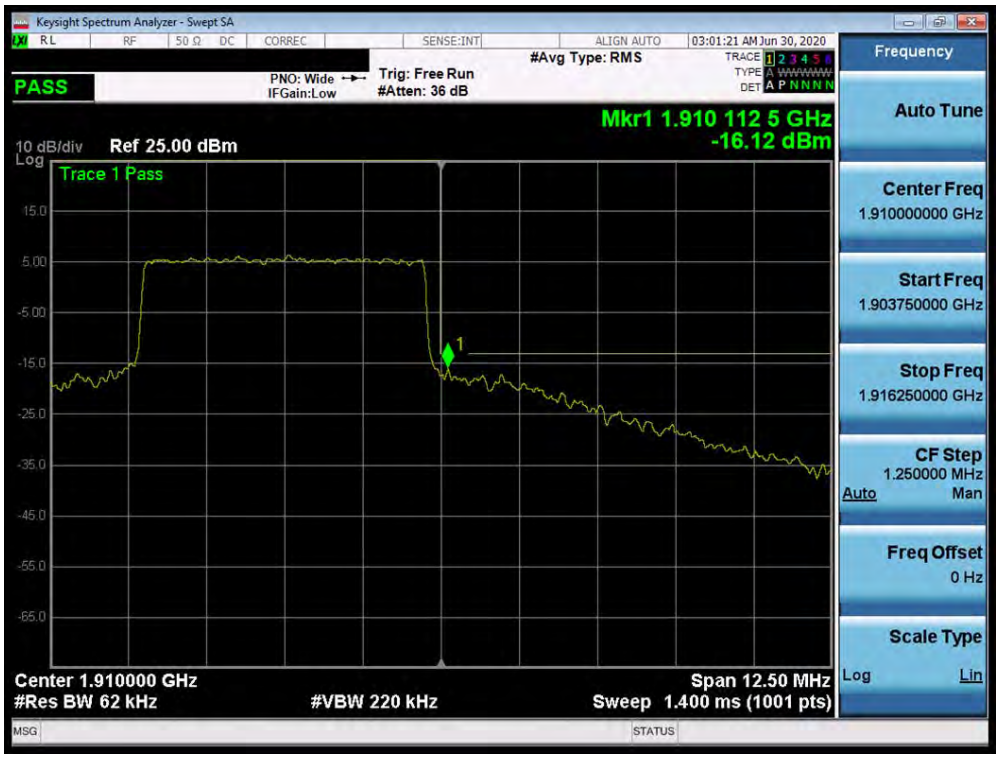


Plot 7-523. Lower Band Edge Plot (n25/2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

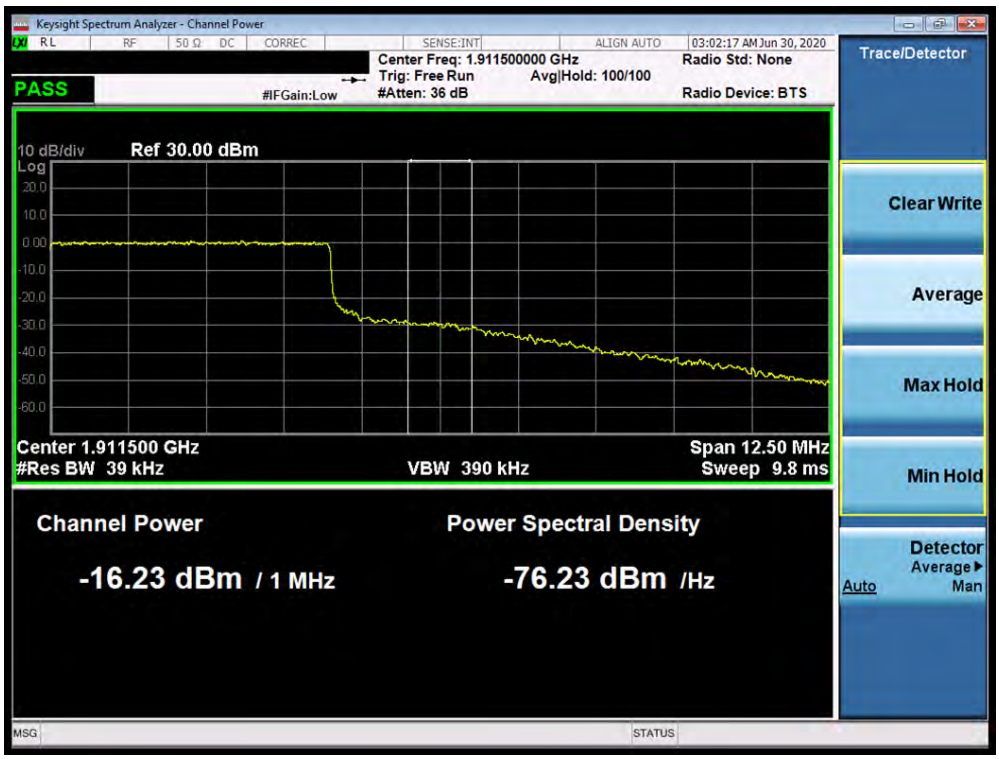


Plot 7-524. Lower Extended Band Edge Plot (n25/2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Plot 7-525. Upper Band Edge Plot (n2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

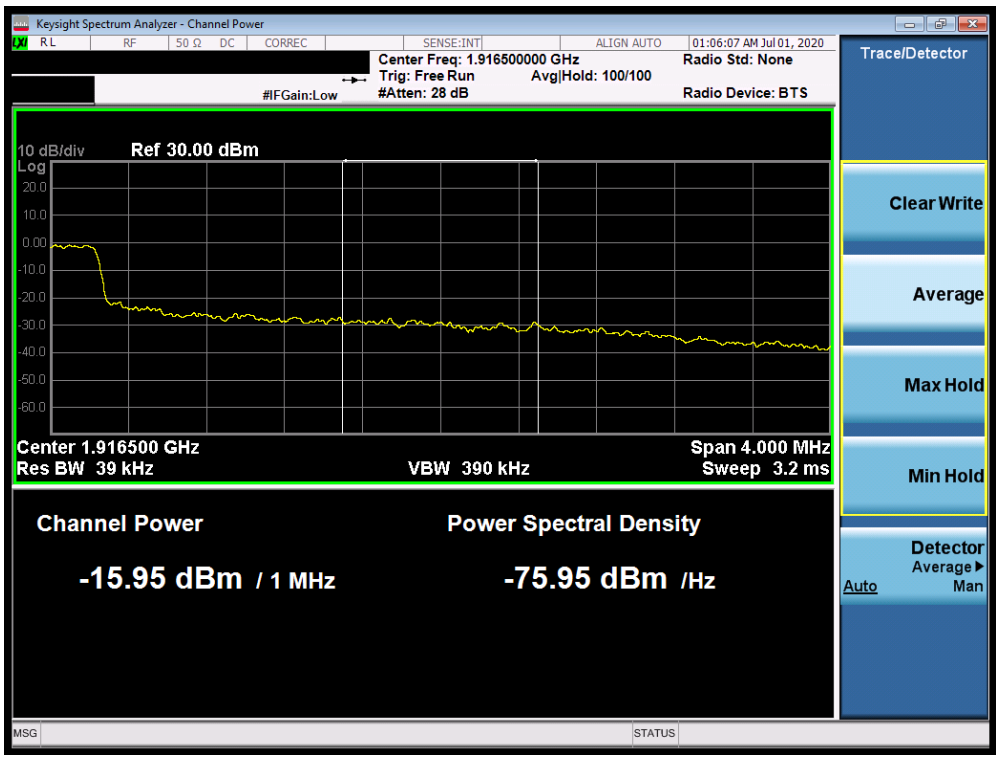


Plot 7-526. Upper Extended Band Edge Plot (n2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

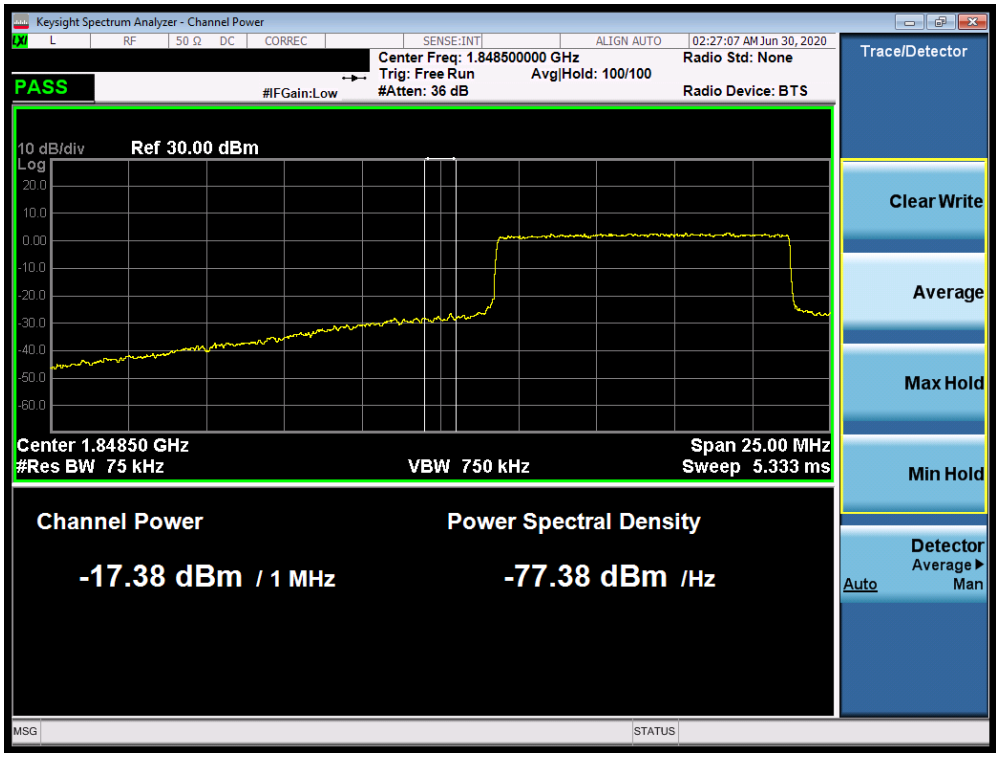
Plot 7-527. Upper Band Edge Plot (n25 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-528. Upper Extended Band Edge Plot (n25 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

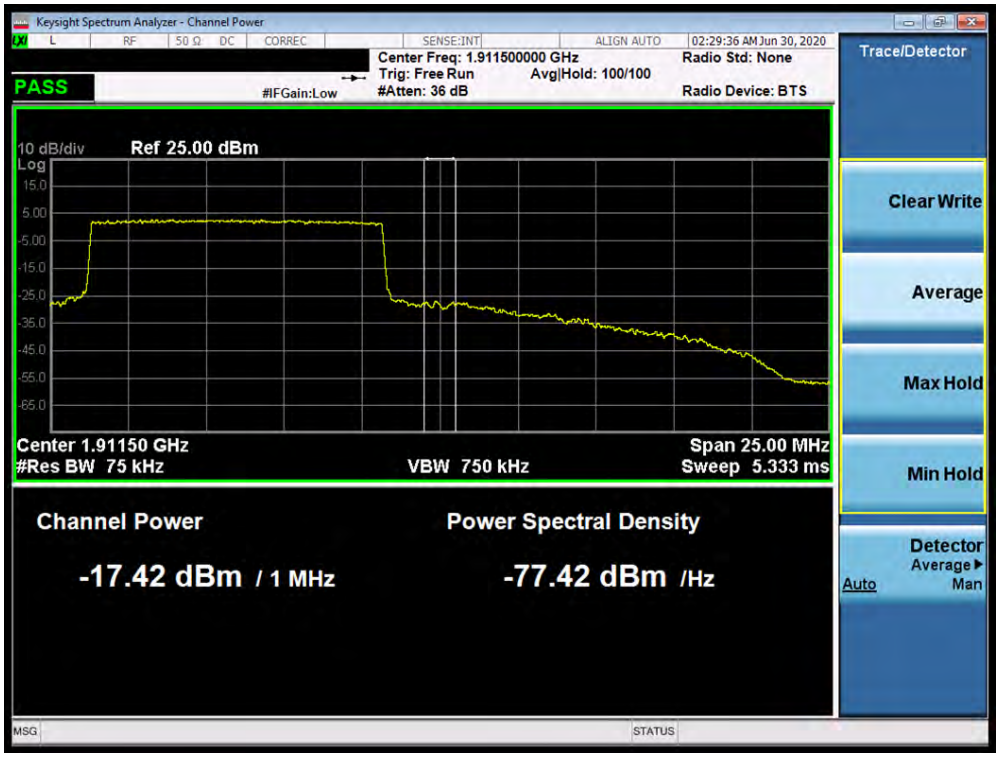
Plot 7-529. Lower Band Edge Plot (n25/2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-530. Lower Extended Band Edge Plot (n25/2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

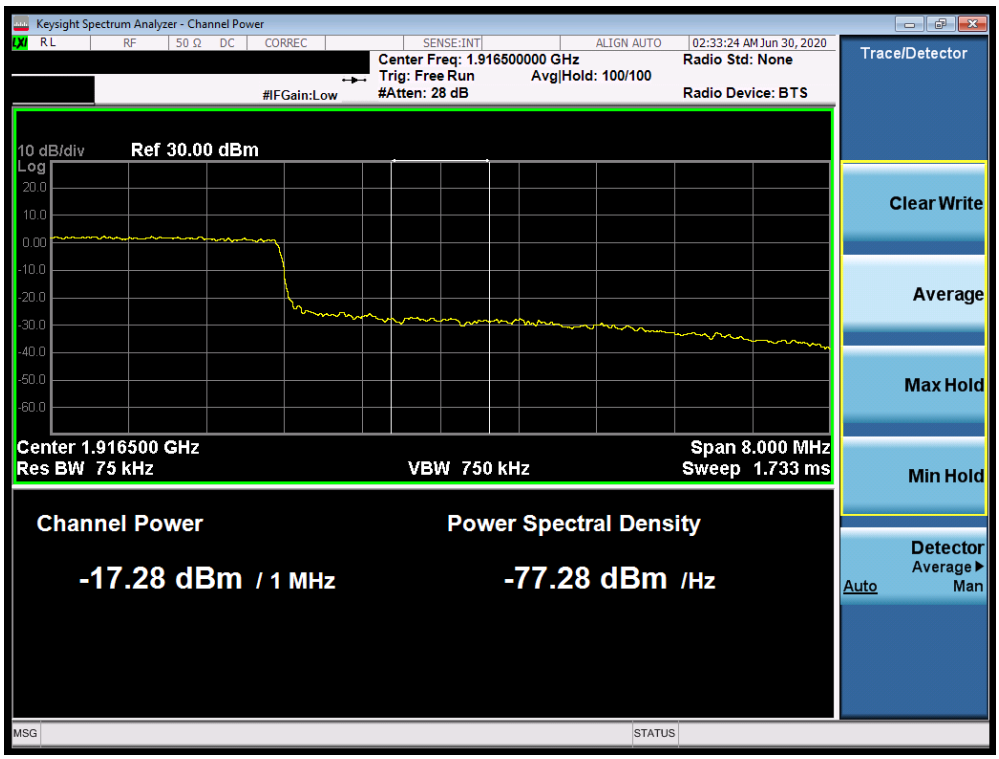
Plot 7-531. Upper Band Edge Plot (n2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-532. Upper Extended Band Edge Plot (n2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Plot 7-533. Upper Band Edge Plot (n25 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

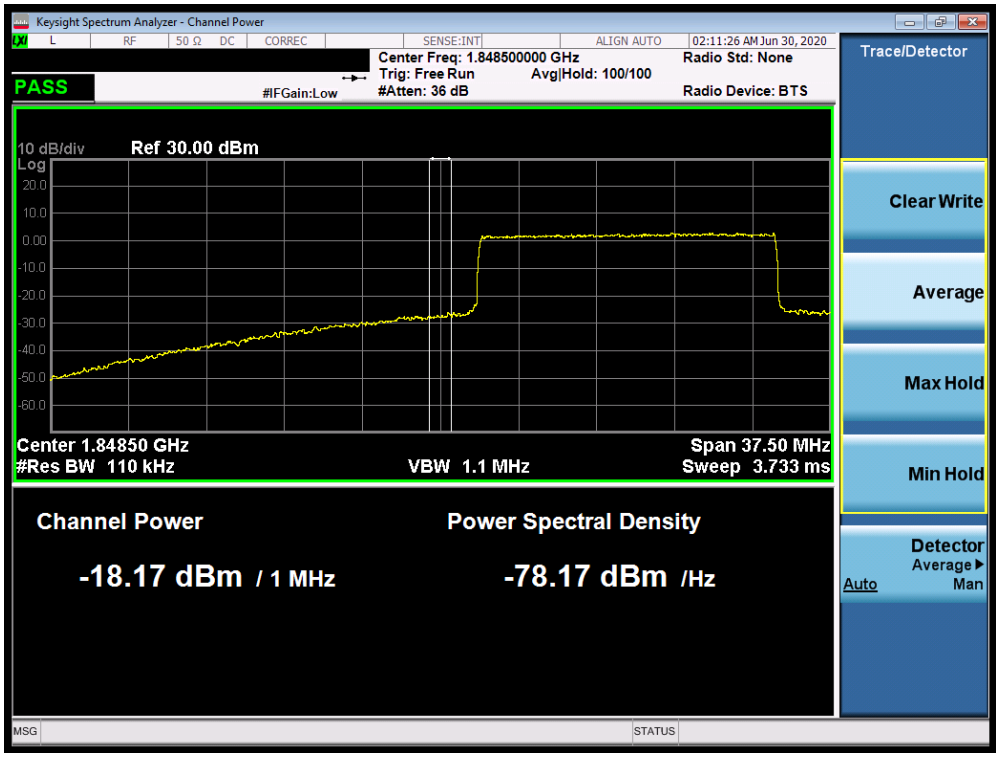


Plot 7-534. Upper Extended Band Edge Plot (n25 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

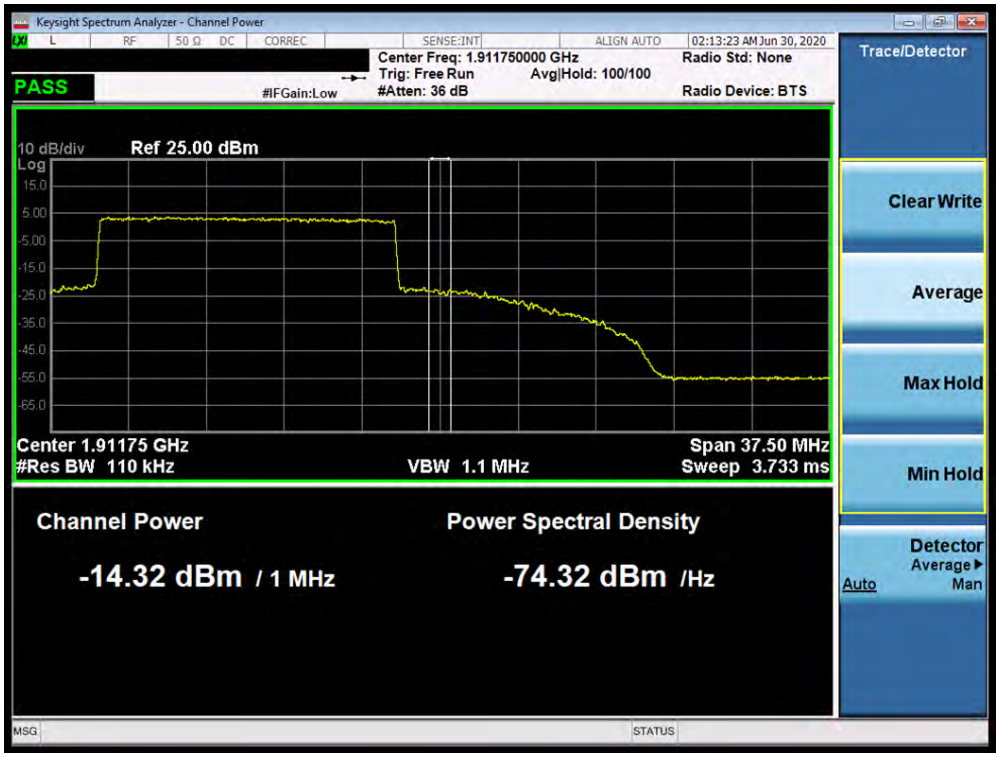
Plot 7-535. Lower Band Edge Plot (n25/2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-536. Lower Extended Band Edge Plot (n25/2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

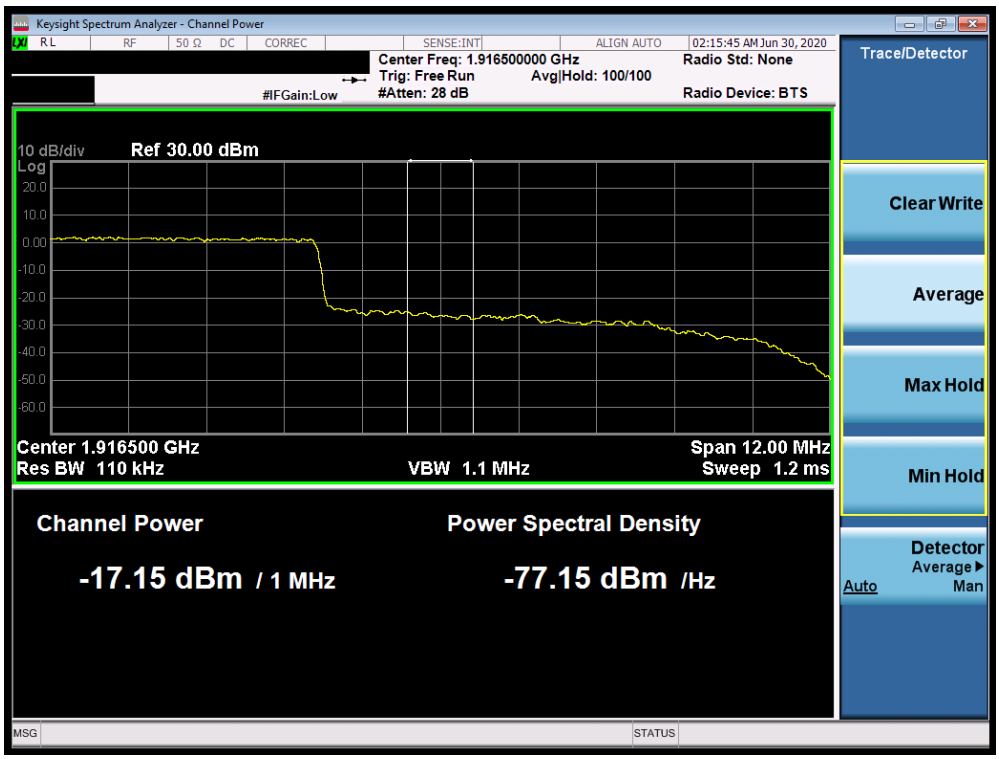
Plot 7-537. Upper Band Edge Plot (n2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-538. Upper Extended Band Edge Plot (n2- 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Plot 7-539. Upper Band Edge Plot (n25 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

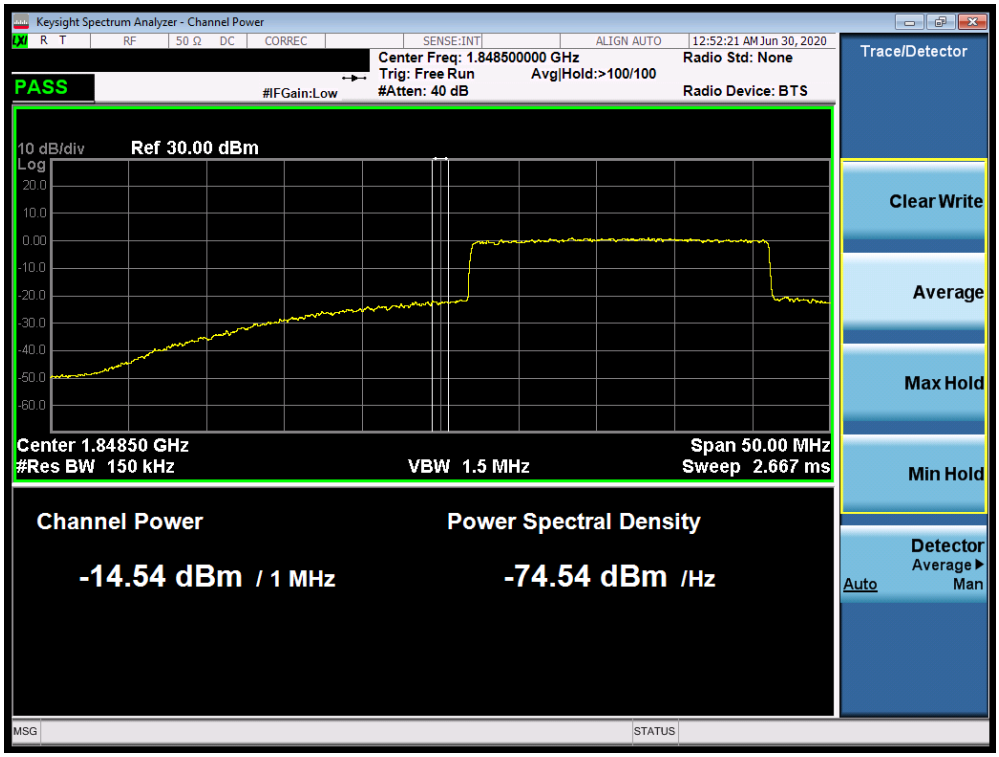


Plot 7-540. Upper Extended Band Edge Plot (n25- 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

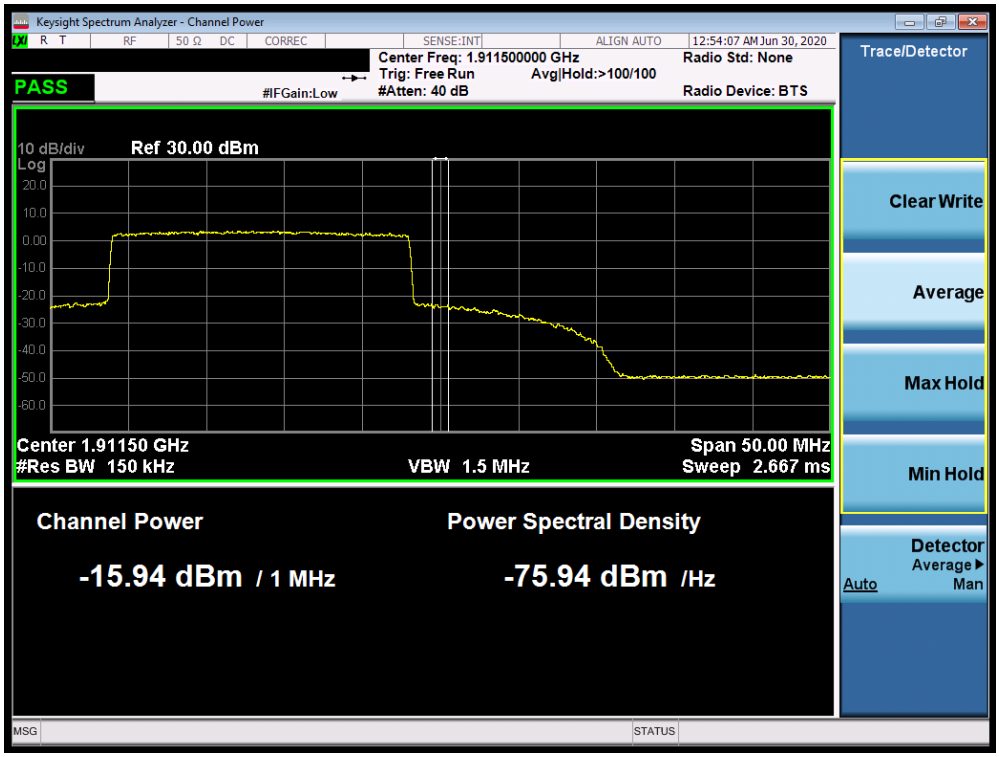
Plot 7-541. Lower Band Edge Plot (n25/2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-542. Lower Extended Band Edge Plot (n25/2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

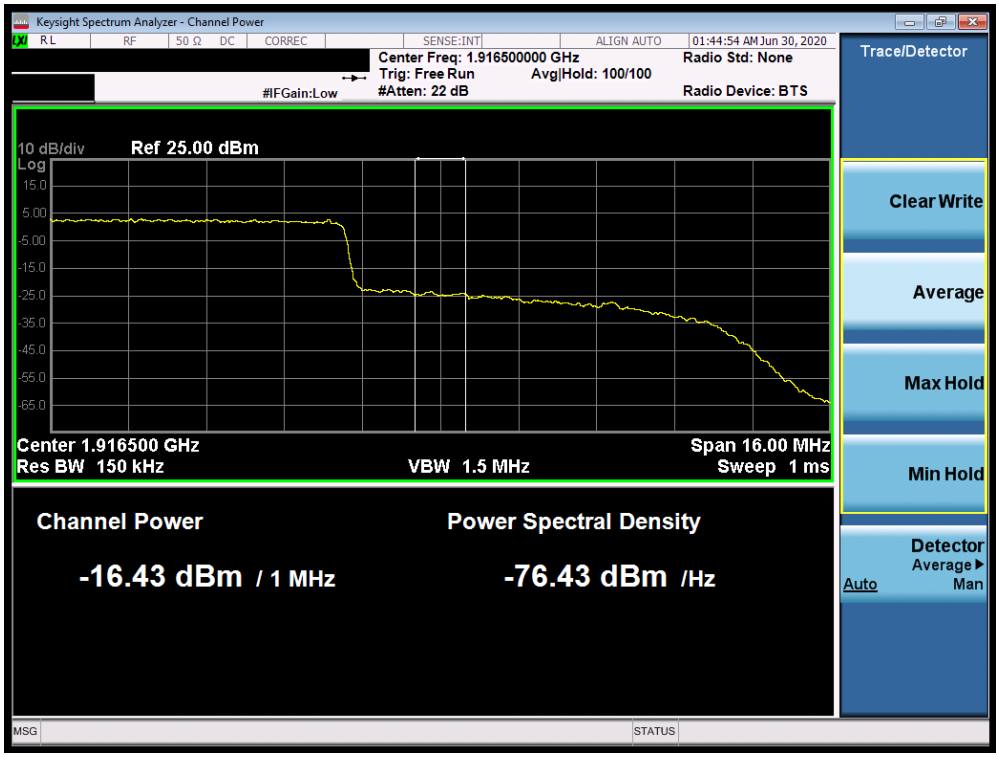
Plot 7-543. Upper Band Edge Plot (n2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-544. Upper Extended Band Edge Plot (n2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Plot 7-545. Upper Band Edge Plot (n25 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

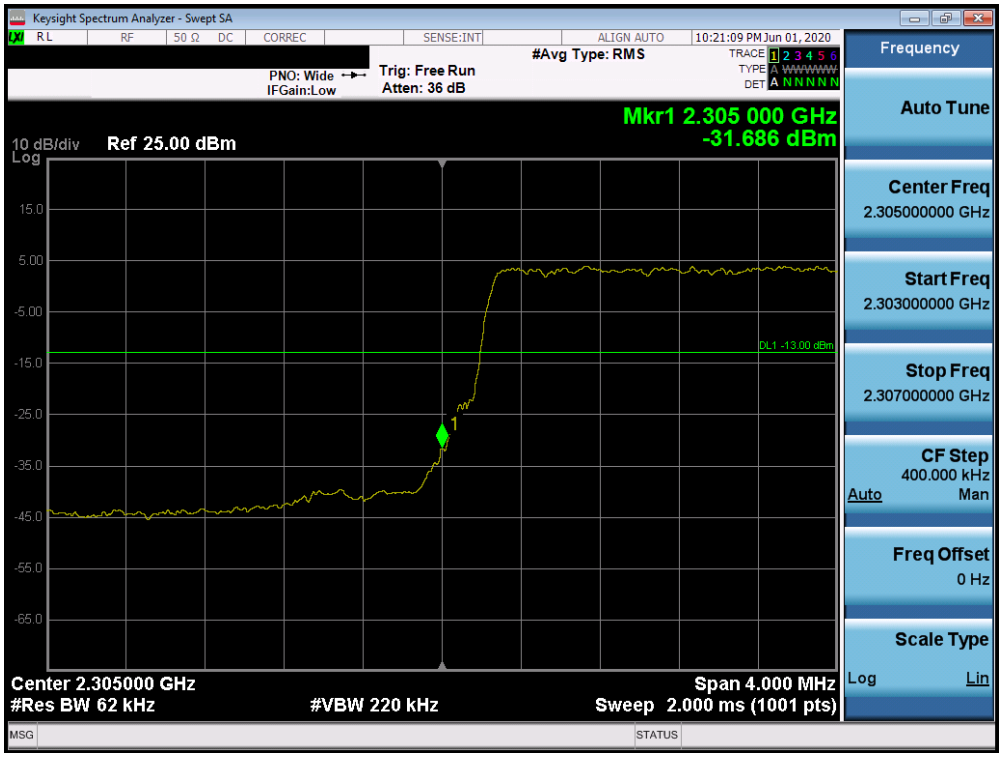


Plot 7-546. Upper Extended Band Edge Plot (n25 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

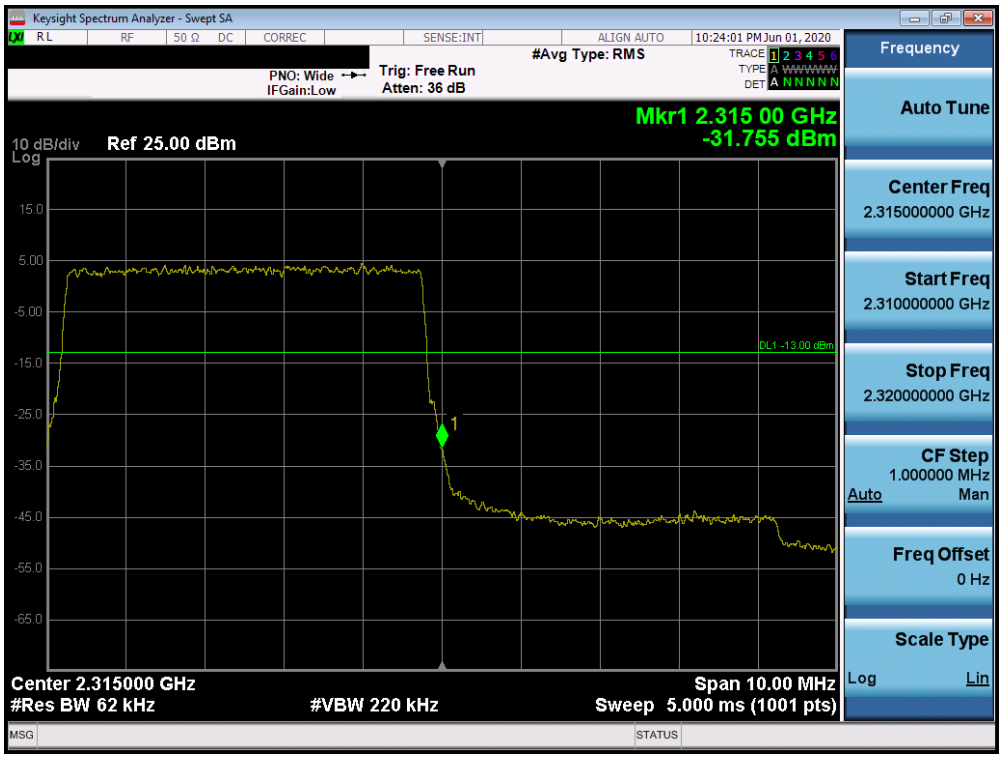
Band 30



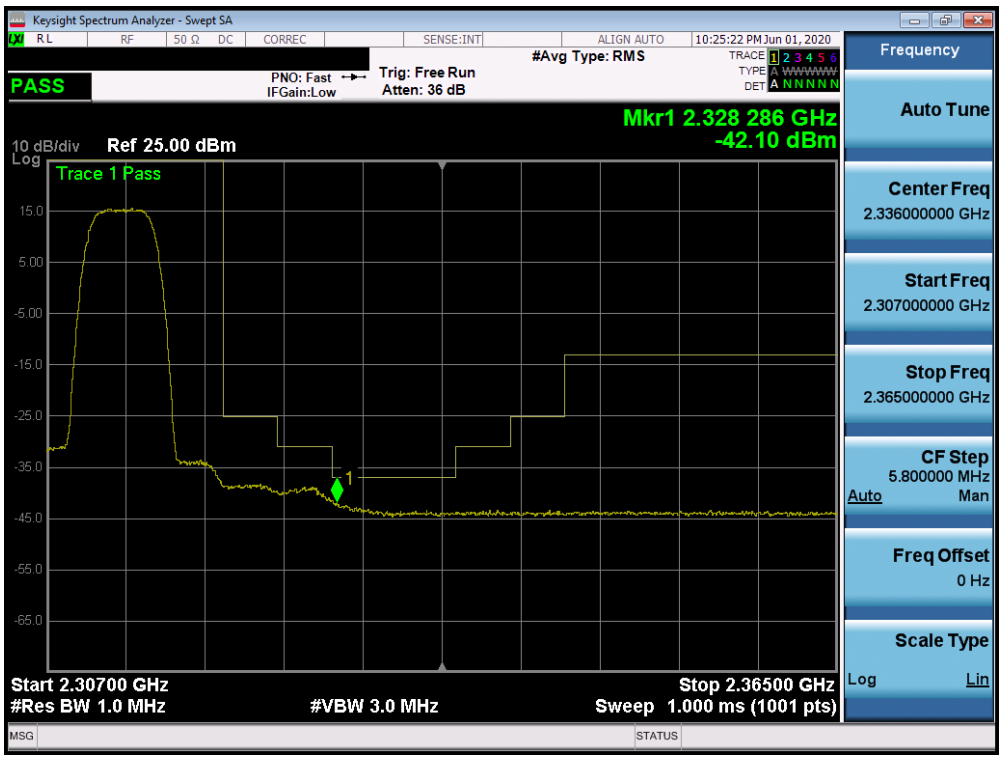
Plot 7-547. Lower Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

Plot 7-548. Lower Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



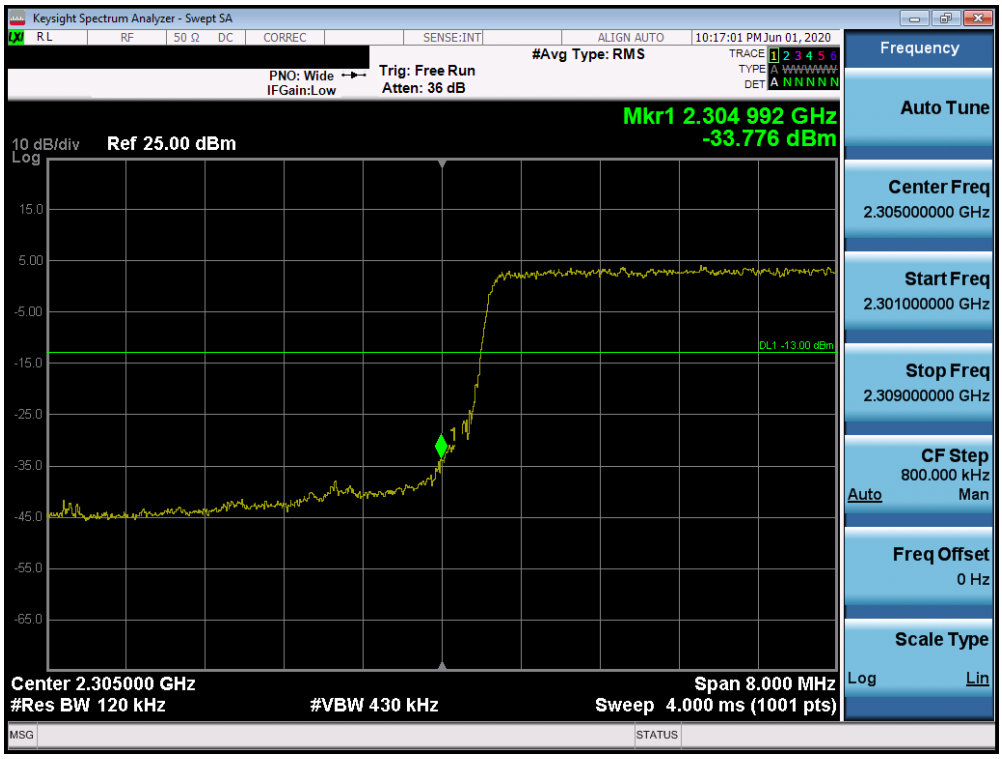
Plot 7-549. Upper Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)



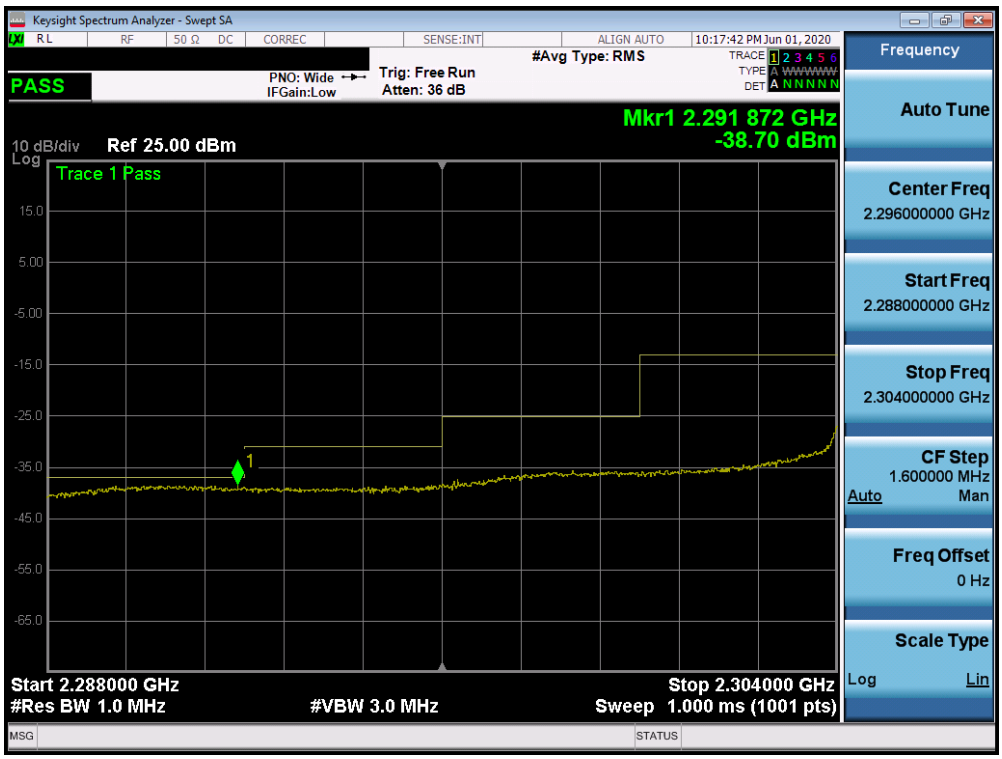
Plot 7-550. Upper Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Plot 7-551. Lower Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

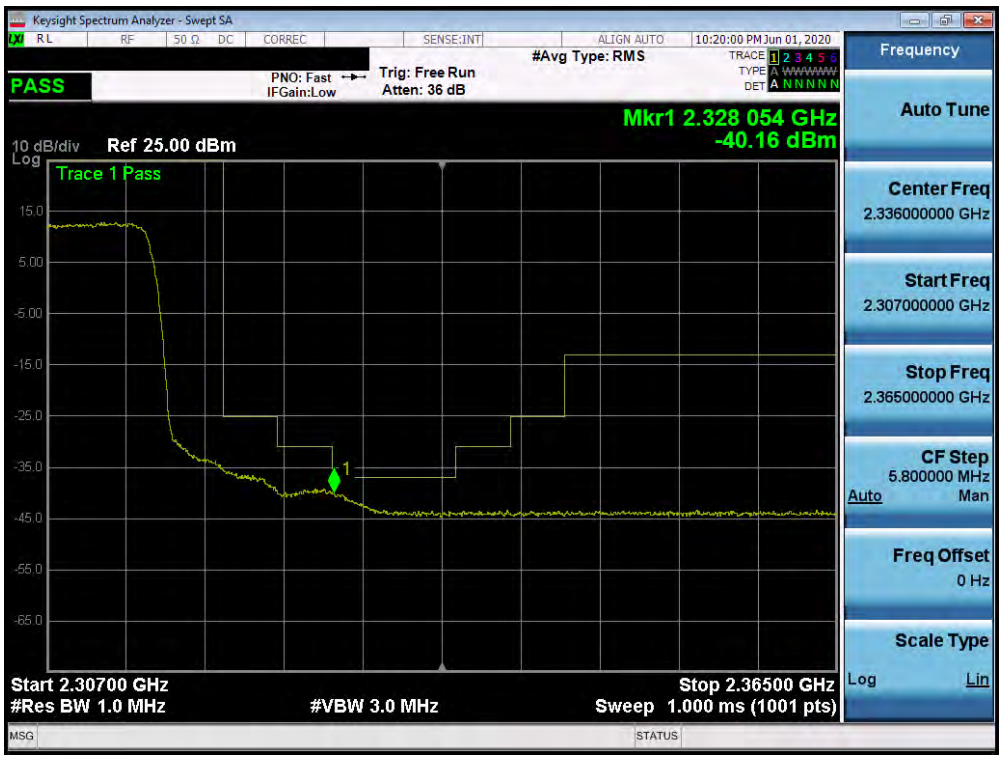


Plot 7-552. Lower Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Plot 7-553. Upper Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

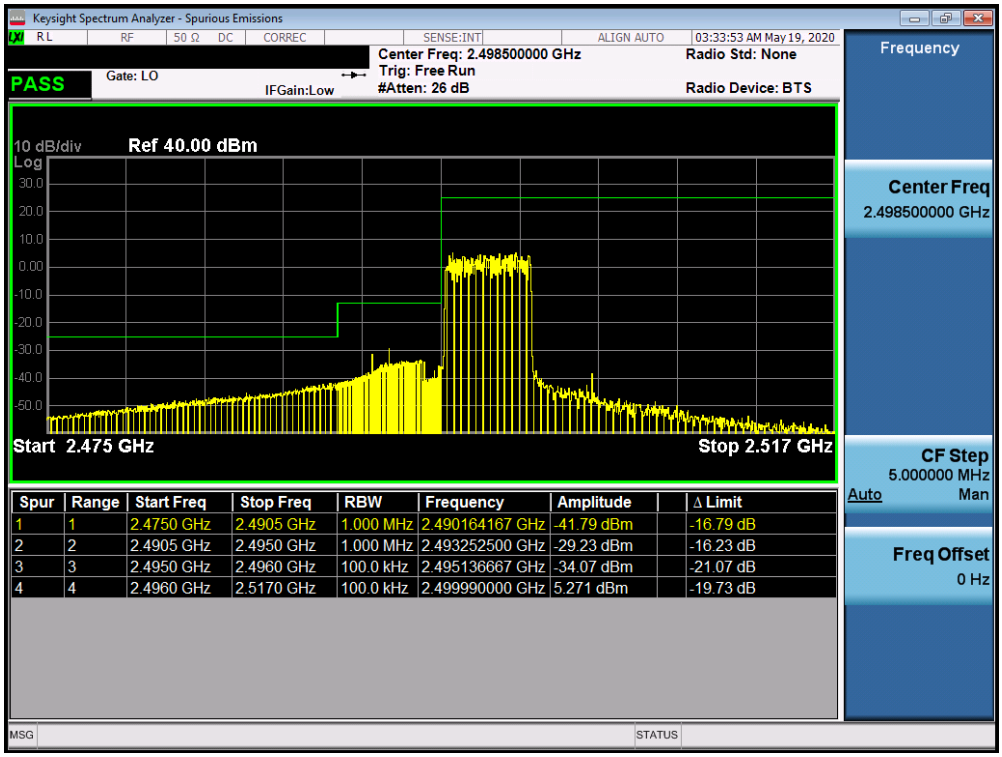


Plot 7-554. Upper Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

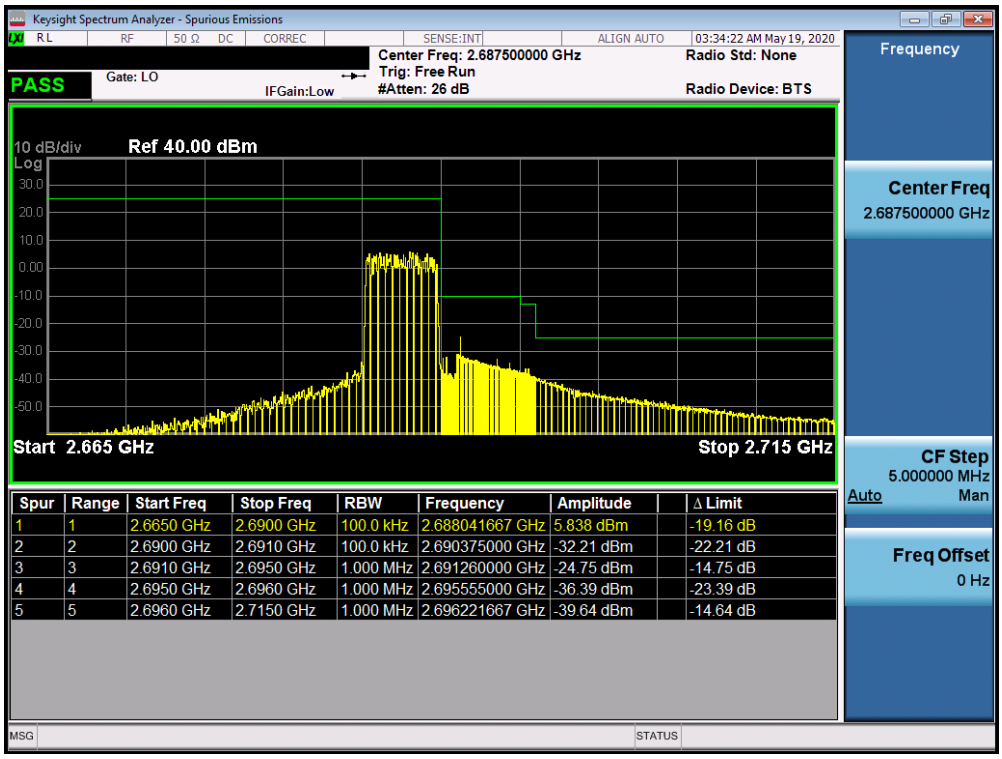
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Band 41 PC2



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.490164167 GHz	-41.79 dBm		-16.79 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.493252500 GHz	-29.23 dBm		-16.23 dB
3	3	2.4950 GHz	2.4960 GHz	100.0 kHz	2.495136667 GHz	-34.07 dBm		-21.07 dB
4	4	2.4960 GHz	2.5170 GHz	100.0 kHz	2.499990000 GHz	5.271 dBm		-19.73 dB

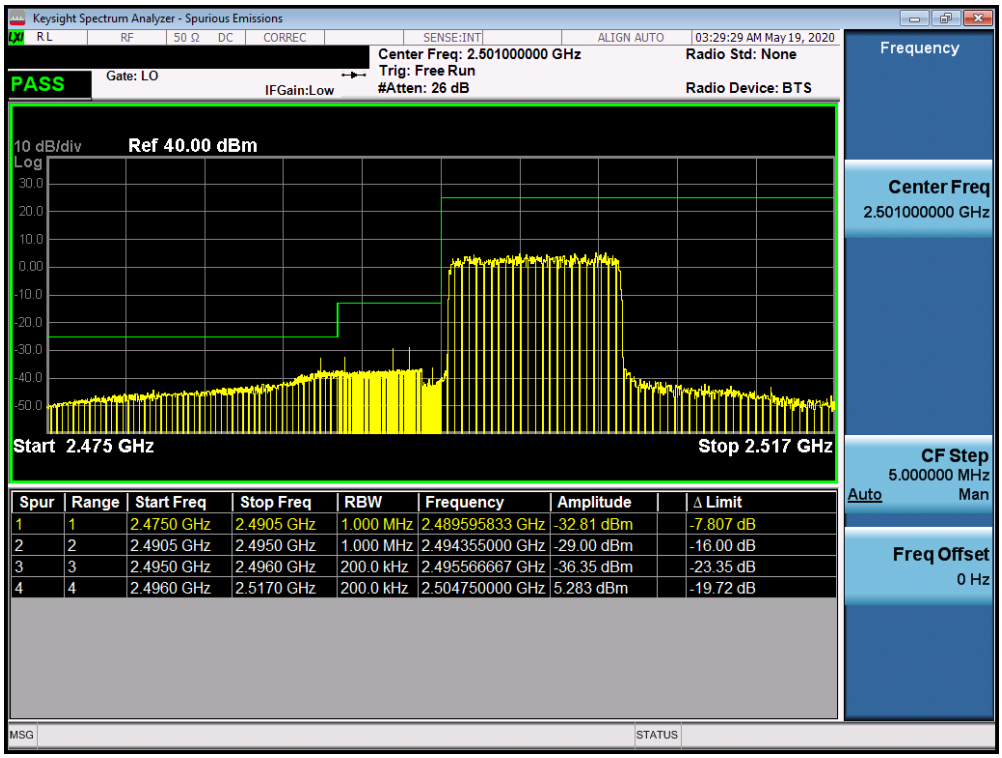
Plot 7-555. Lower ACP Plot at 2496 MHz (Band 41 PC2- 5.0MHz QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.6650 GHz	2.6900 GHz	100.0 kHz	2.688041667 GHz	5.838 dBm		-19.16 dB
2	2	2.6900 GHz	2.6910 GHz	100.0 kHz	2.690375000 GHz	-32.21 dBm		-22.21 dB
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691260000 GHz	-24.75 dBm		-14.75 dB
4	4	2.6950 GHz	2.6960 GHz	1.000 MHz	2.695555000 GHz	-36.39 dBm		-23.39 dB
5	5	2.6960 GHz	2.7150 GHz	1.000 MHz	2.696221667 GHz	-39.64 dBm		-14.64 dB

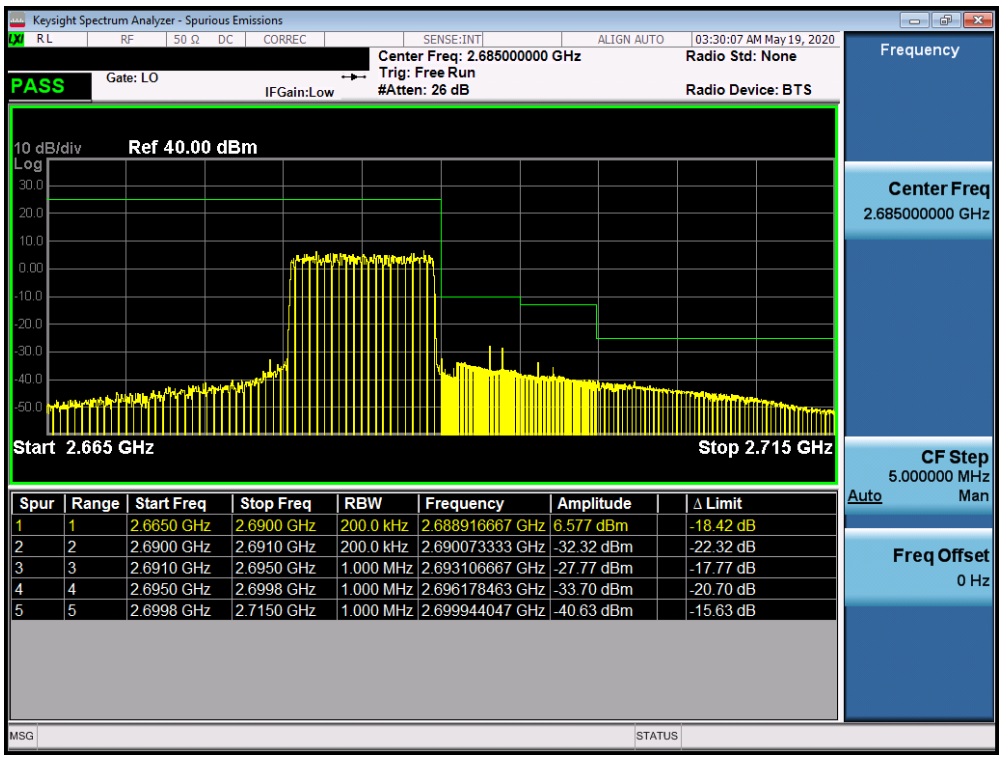
Plot 7-556. Upper ACP Plot (Band 41 PC2- 5.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.489595833 GHz	-32.81 dBm	-7.807 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494355000 GHz	-29.00 dBm	-16.00 dB
3	3	2.4950 GHz	2.4960 GHz	200.0 kHz	2.495566667 GHz	-36.35 dBm	-23.35 dB
4	4	2.4960 GHz	2.5170 GHz	200.0 kHz	2.504750000 GHz	5.283 dBm	-19.72 dB

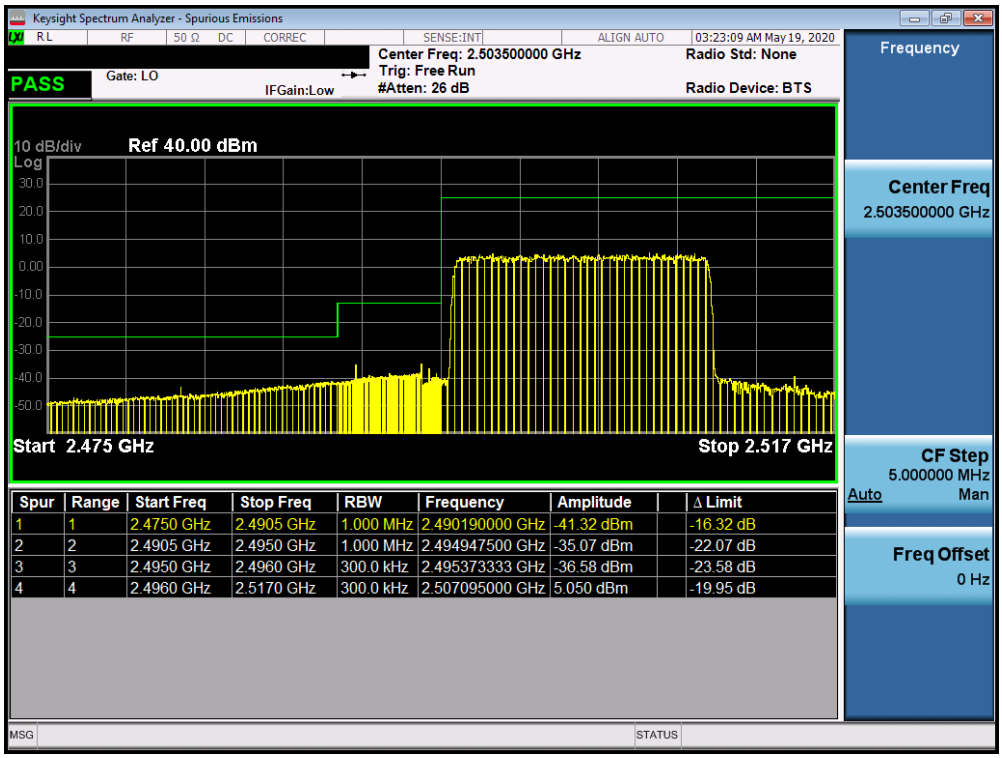
Plot 7-557. Lower ACP Plot at 2496 MHz (Band 41 PC2- 10.0MHz QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.6650 GHz	2.6900 GHz	200.0 kHz	2.688916667 GHz	6.577 dBm	-18.42 dB
2	2	2.6900 GHz	2.6910 GHz	200.0 kHz	2.690073333 GHz	-32.32 dBm	-22.32 dB
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.693106667 GHz	-27.77 dBm	-17.77 dB
4	4	2.6950 GHz	2.6998 GHz	1.000 MHz	2.696178463 GHz	-33.70 dBm	-20.70 dB
5	5	2.6998 GHz	2.7150 GHz	1.000 MHz	2.699944047 GHz	-40.63 dBm	-15.63 dB

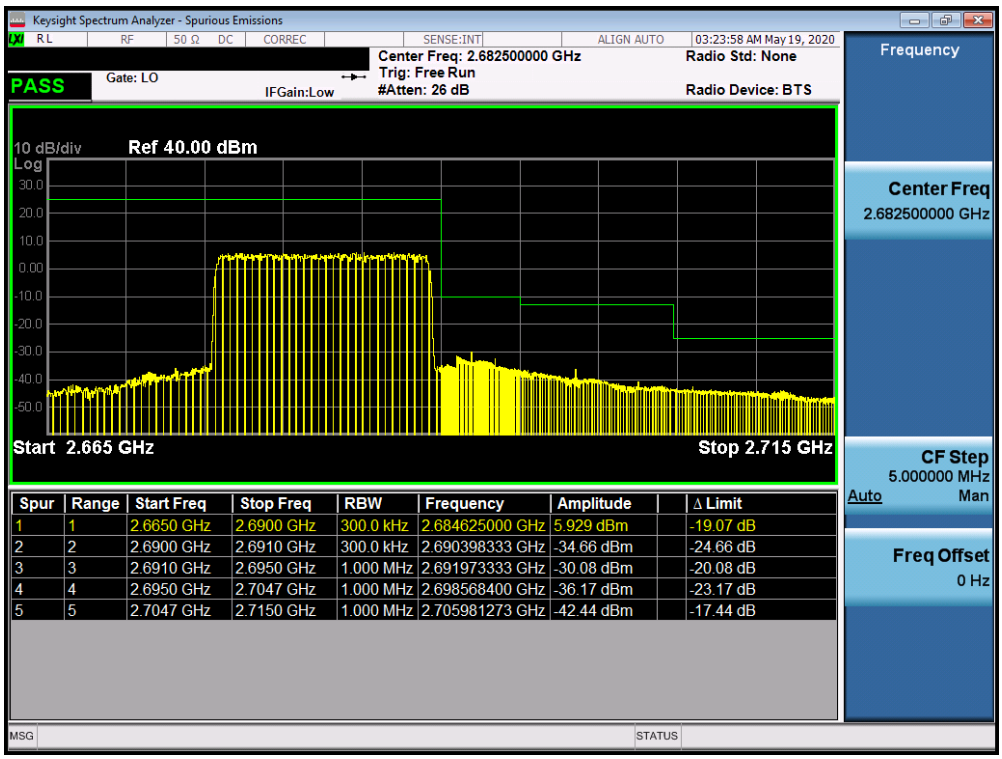
Plot 7-558. Upper ACP Plot (Band 41 PC2- 10.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.490190000 GHz	-41.32 dBm	-16.32 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494947500 GHz	-35.07 dBm	-22.07 dB
3	3	2.4950 GHz	2.4960 GHz	300.0 kHz	2.495373333 GHz	-36.58 dBm	-23.58 dB
4	4	2.4960 GHz	2.5170 GHz	300.0 kHz	2.507095000 GHz	5.050 dBm	-19.95 dB

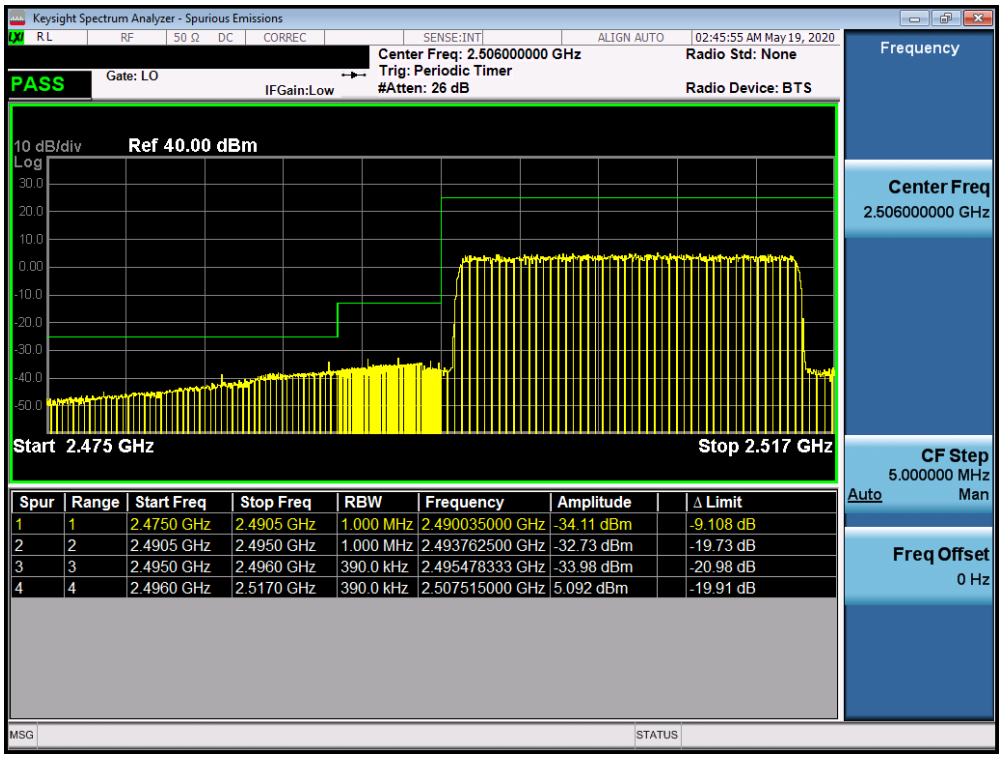
Plot 7-559. Lower ACP Plot at 2496 MHz (Band 41 PC2- 15.0MHz QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.6650 GHz	2.6900 GHz	300.0 kHz	2.684625000 GHz	5.929 dBm	-19.07 dB
2	2	2.6900 GHz	2.6910 GHz	300.0 kHz	2.690398333 GHz	-34.66 dBm	-24.66 dB
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691973333 GHz	-30.08 dBm	-20.08 dB
4	4	2.6950 GHz	2.7047 GHz	1.000 MHz	2.698568400 GHz	-36.17 dBm	-23.17 dB
5	5	2.7047 GHz	2.7150 GHz	1.000 MHz	2.705981273 GHz	-42.44 dBm	-17.44 dB

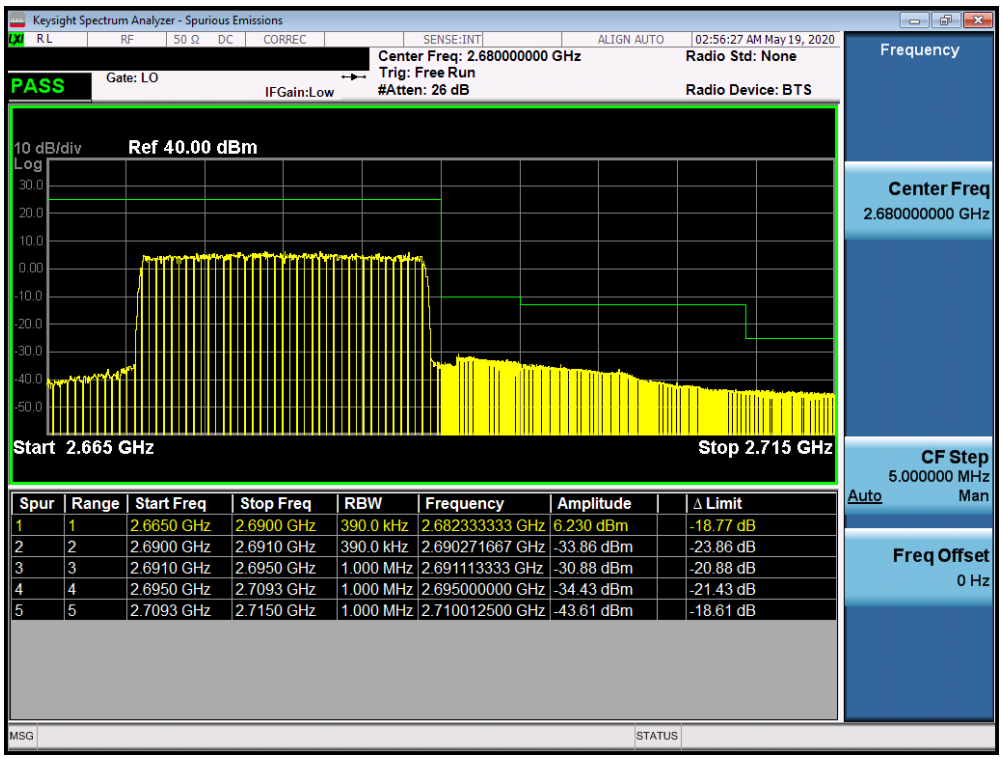
Plot 7-560. Upper ACP Plot (Band 41 PC2- 15.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.490035000 GHz	-34.11 dBm	-9.108 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.493762500 GHz	-32.73 dBm	-19.73 dB
3	3	2.4950 GHz	2.4960 GHz	390.0 kHz	2.495478333 GHz	-33.98 dBm	-20.98 dB
4	4	2.4960 GHz	2.5170 GHz	390.0 kHz	2.507515000 GHz	5.092 dBm	-19.91 dB

Plot 7-561. Lower ACP Plot at 2496 MHz (Band 41 PC2 - 20.0MHz QPSK - Full RB Configuration)

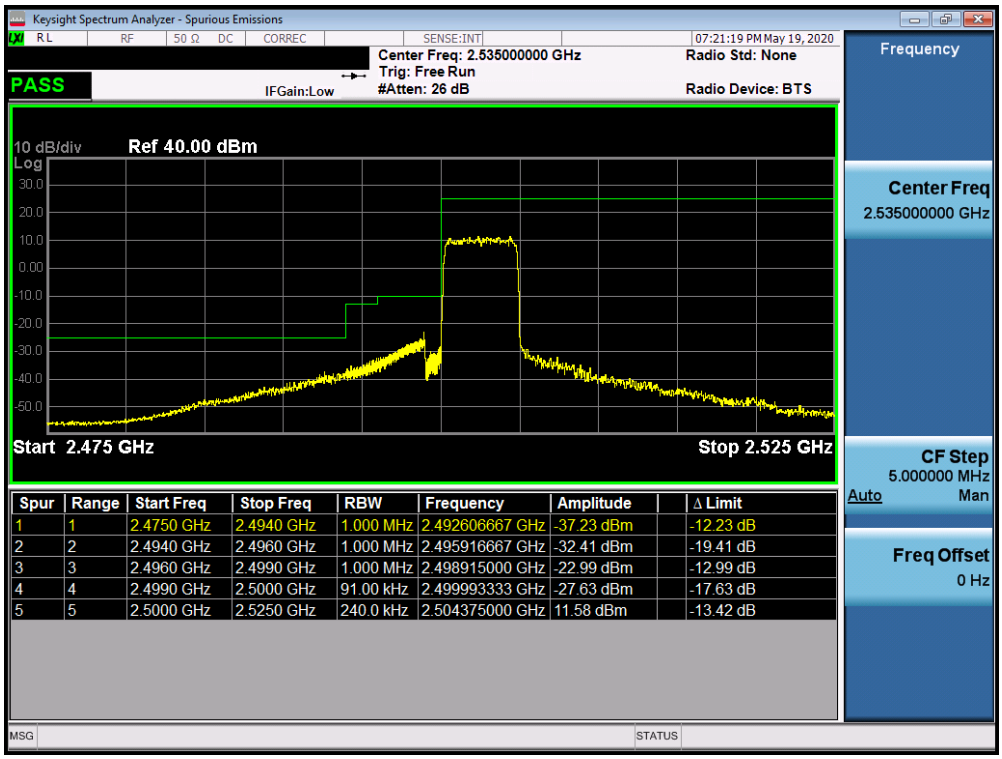


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.6650 GHz	2.6900 GHz	390.0 kHz	2.682333333 GHz	6.230 dBm	-18.77 dB
2	2	2.6900 GHz	2.6910 GHz	390.0 kHz	2.690271667 GHz	-33.86 dBm	-23.86 dB
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691113333 GHz	-30.88 dBm	-20.88 dB
4	4	2.6950 GHz	2.7093 GHz	1.000 MHz	2.695000000 GHz	-34.43 dBm	-21.43 dB
5	5	2.7093 GHz	2.7150 GHz	1.000 MHz	2.710012500 GHz	-43.61 dBm	-18.61 dB

Plot 7-562. Upper ACP Plot (Band 41 PC2 - 20.0MHz QPSK - Full RB Configuration)

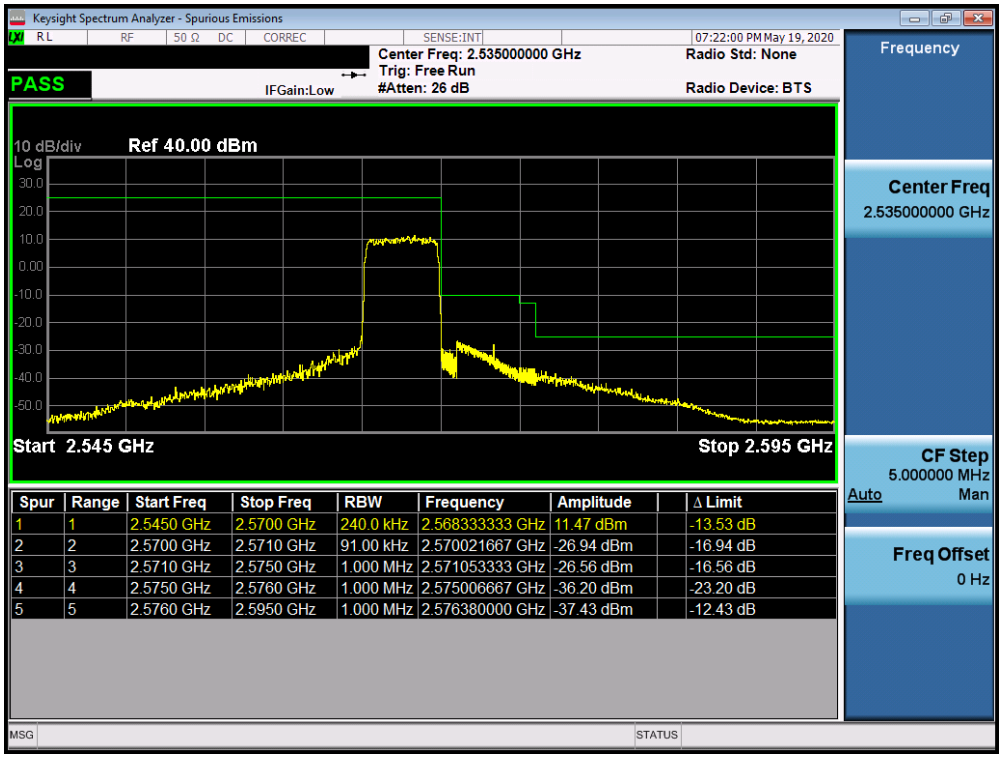
© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Band 7



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4940 GHz	1.000 MHz	2.492606667 GHz	-37.23 dBm	-12.23 dB
2	2	2.4940 GHz	2.4960 GHz	1.000 MHz	2.495916667 GHz	-32.41 dBm	-19.41 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498915000 GHz	-22.99 dBm	-12.99 dB
4	4	2.4990 GHz	2.5000 GHz	91.00 kHz	2.499993333 GHz	-27.63 dBm	-17.63 dB
5	5	2.5000 GHz	2.5250 GHz	240.0 kHz	2.504375000 GHz	11.58 dBm	-13.42 dB

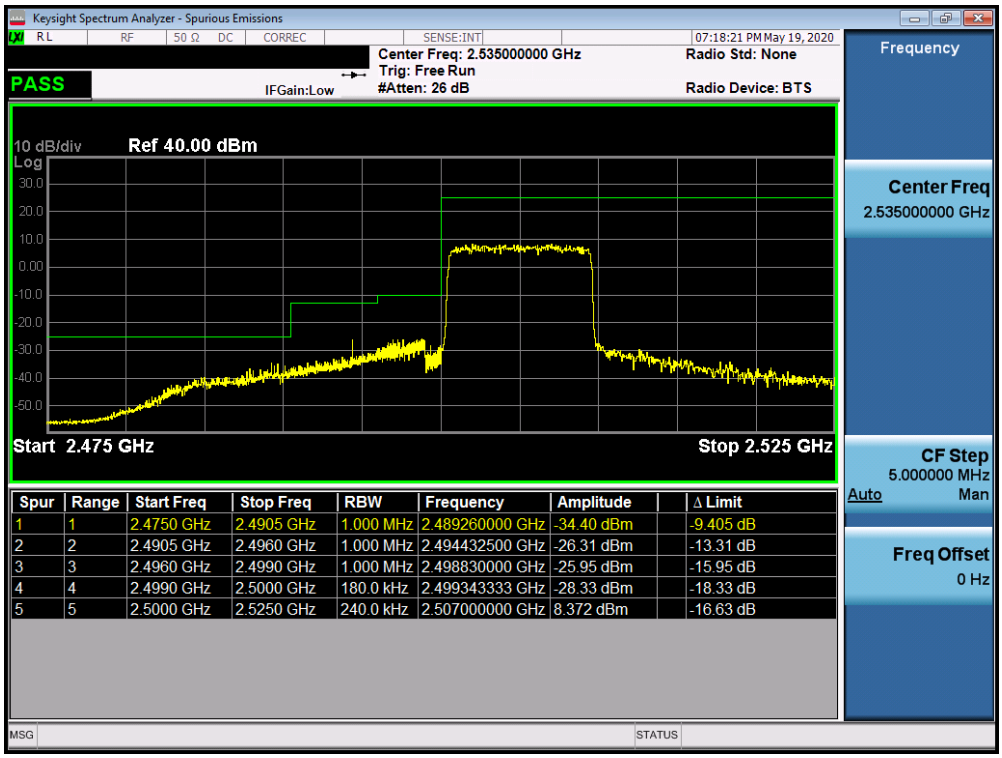
Plot 7-563. Lower Band Edge Plot (Band 7 - 5.0MHz QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5450 GHz	2.5700 GHz	240.0 kHz	2.568333333 GHz	11.47 dBm	-13.53 dB
2	2	2.5700 GHz	2.5710 GHz	91.00 kHz	2.570021667 GHz	-26.94 dBm	-16.94 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571053333 GHz	-26.56 dBm	-16.56 dB
4	4	2.5750 GHz	2.5760 GHz	1.000 MHz	2.575006667 GHz	-36.20 dBm	-23.20 dB
5	5	2.5760 GHz	2.5950 GHz	1.000 MHz	2.576380000 GHz	-37.43 dBm	-12.43 dB

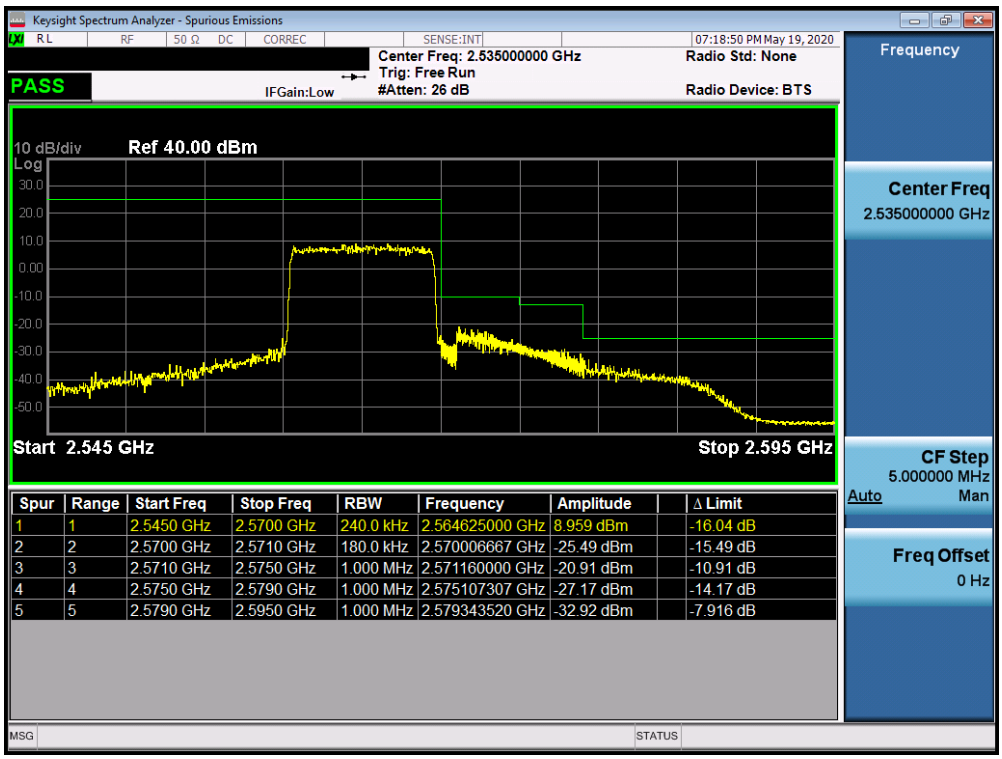
Plot 7-564. Upper Band Edge Plot (Band 7 - 5.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.489260000 GHz	-34.40 dBm	-9.405 dB
2	2	2.4905 GHz	2.4960 GHz	1.000 MHz	2.494432500 GHz	-26.31 dBm	-13.31 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498830000 GHz	-25.95 dBm	-15.95 dB
4	4	2.4990 GHz	2.5000 GHz	180.0 kHz	2.499343333 GHz	-28.33 dBm	-18.33 dB
5	5	2.5000 GHz	2.5250 GHz	240.0 kHz	2.507000000 GHz	8.372 dBm	-16.63 dB

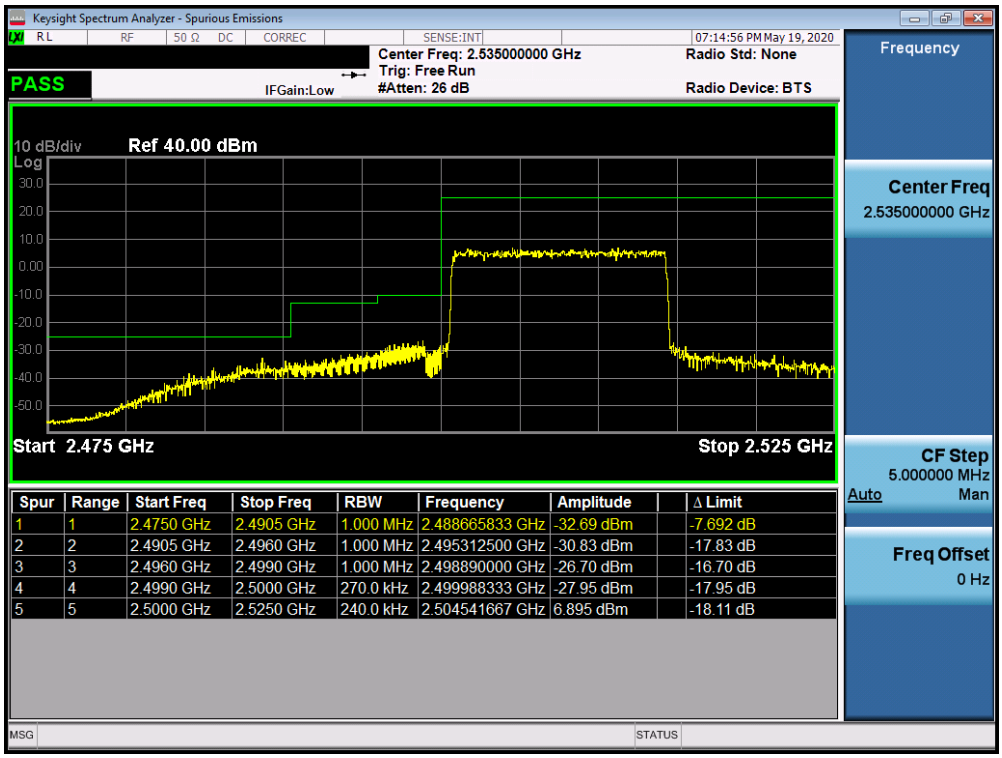
Plot 7-565. Lower Band Edge Plot (Band 7 - 10.0MHz QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5450 GHz	2.5700 GHz	240.0 kHz	2.564625000 GHz	8.959 dBm	-16.04 dB
2	2	2.5700 GHz	2.5710 GHz	180.0 kHz	2.570006667 GHz	-25.49 dBm	-15.49 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571160000 GHz	-20.91 dBm	-10.91 dB
4	4	2.5750 GHz	2.5790 GHz	1.000 MHz	2.575107307 GHz	-27.17 dBm	-14.17 dB
5	5	2.5790 GHz	2.5950 GHz	1.000 MHz	2.579343520 GHz	-32.92 dBm	-7.916 dB

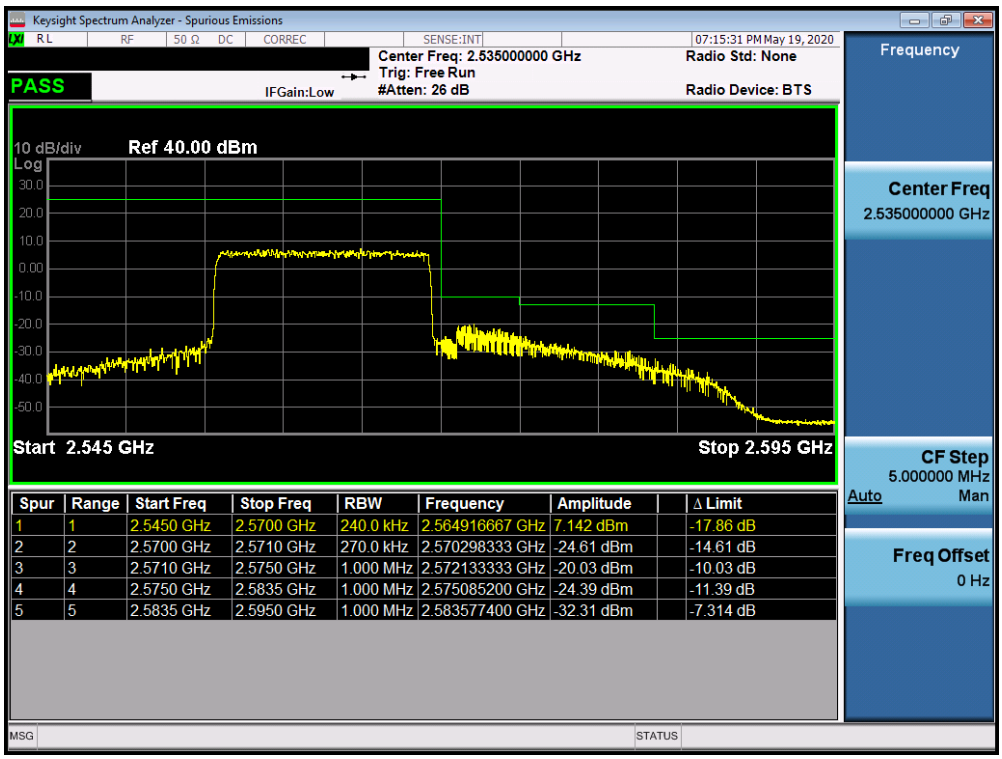
Plot 7-566. Upper Band Edge Plot (Band 7 - 10.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.488665833 GHz	-32.69 dBm	-7.692 dB
2	2	2.4905 GHz	2.4960 GHz	1.000 MHz	2.495312500 GHz	-30.83 dBm	-17.83 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498890000 GHz	-26.70 dBm	-16.70 dB
4	4	2.4990 GHz	2.5000 GHz	270.0 kHz	2.499988333 GHz	-27.95 dBm	-17.95 dB
5	5	2.5000 GHz	2.5250 GHz	240.0 kHz	2.504541667 GHz	6.895 dBm	-18.11 dB

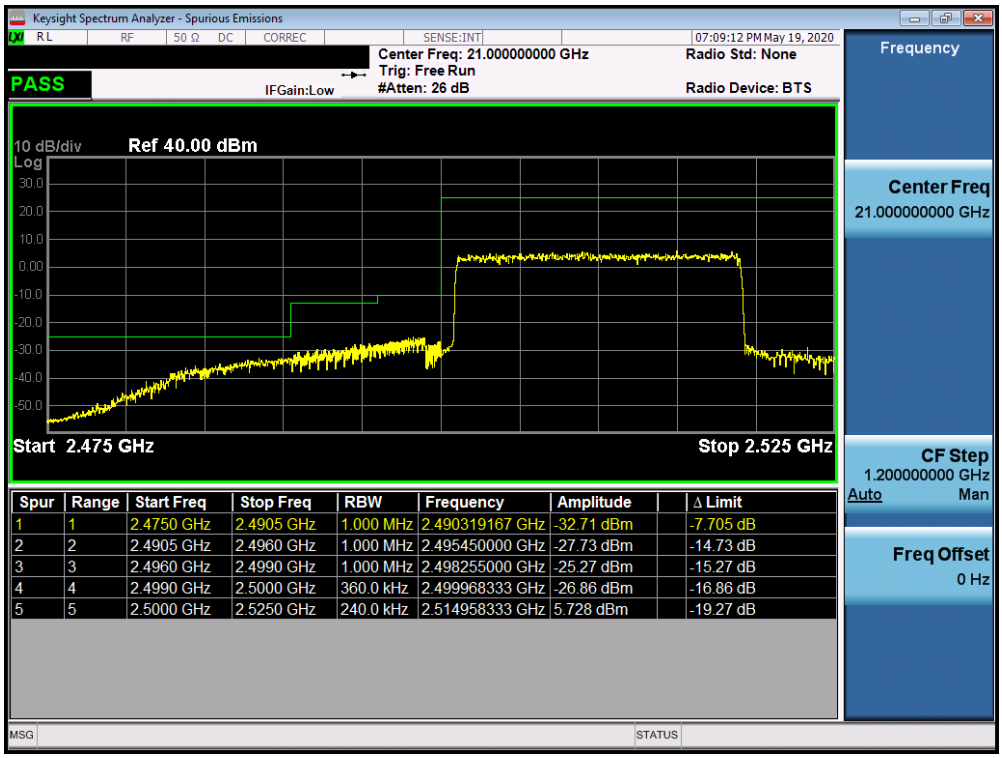
Plot 7-567. Lower Band Edge Plot (Band 7 - 15.0MHz QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5450 GHz	2.5700 GHz	240.0 kHz	2.564916667 GHz	7.142 dBm	-17.86 dB
2	2	2.5700 GHz	2.5710 GHz	270.0 kHz	2.570298333 GHz	-24.61 dBm	-14.61 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.572133333 GHz	-20.03 dBm	-10.03 dB
4	4	2.5750 GHz	2.5835 GHz	1.000 MHz	2.575085200 GHz	-24.39 dBm	-11.39 dB
5	5	2.5835 GHz	2.5950 GHz	1.000 MHz	2.583577400 GHz	-32.31 dBm	-7.314 dB

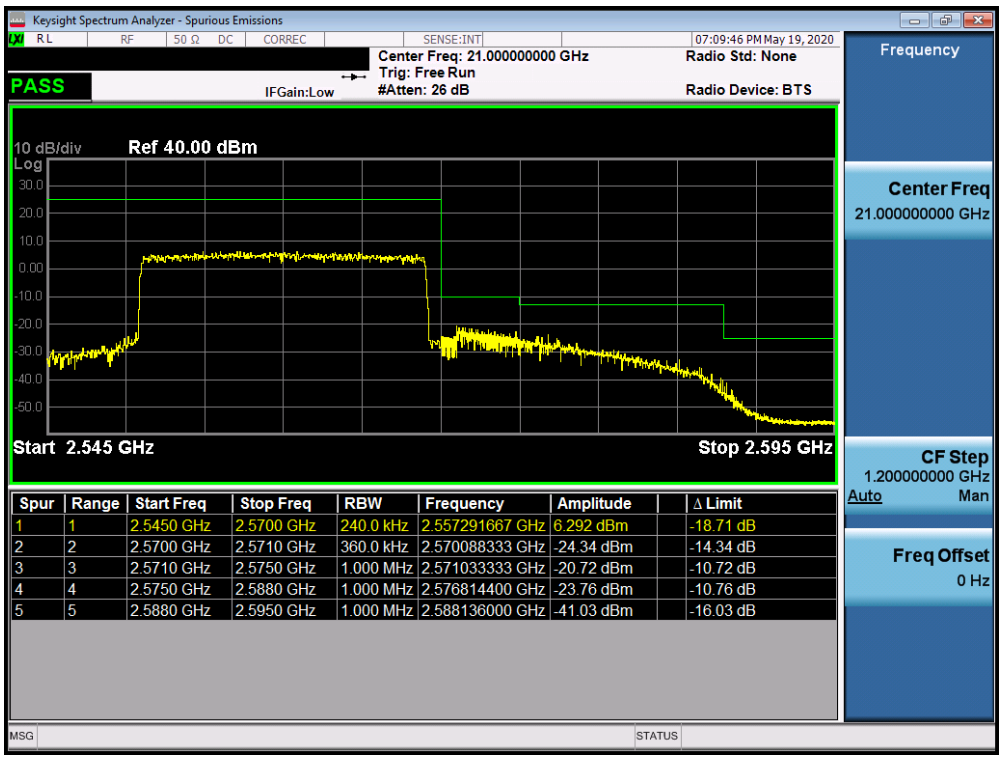
Plot 7-568. Upper Band Edge Plot (Band 7 - 15.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4750 GHz	2.4905 GHz	1.000 MHz	2.490319167 GHz	-32.71 dBm	-7.705 dB
2	2	2.4905 GHz	2.4960 GHz	1.000 MHz	2.495450000 GHz	-27.73 dBm	-14.73 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498255000 GHz	-25.27 dBm	-15.27 dB
4	4	2.4990 GHz	2.5000 GHz	360.0 kHz	2.499968333 GHz	-26.86 dBm	-16.86 dB
5	5	2.5000 GHz	2.5250 GHz	240.0 kHz	2.514958333 GHz	5.728 dBm	-19.27 dB

Plot 7-569. Lower Band Edge Plot (Band 7 - 20.0MHz QPSK - Full RB Configuration)

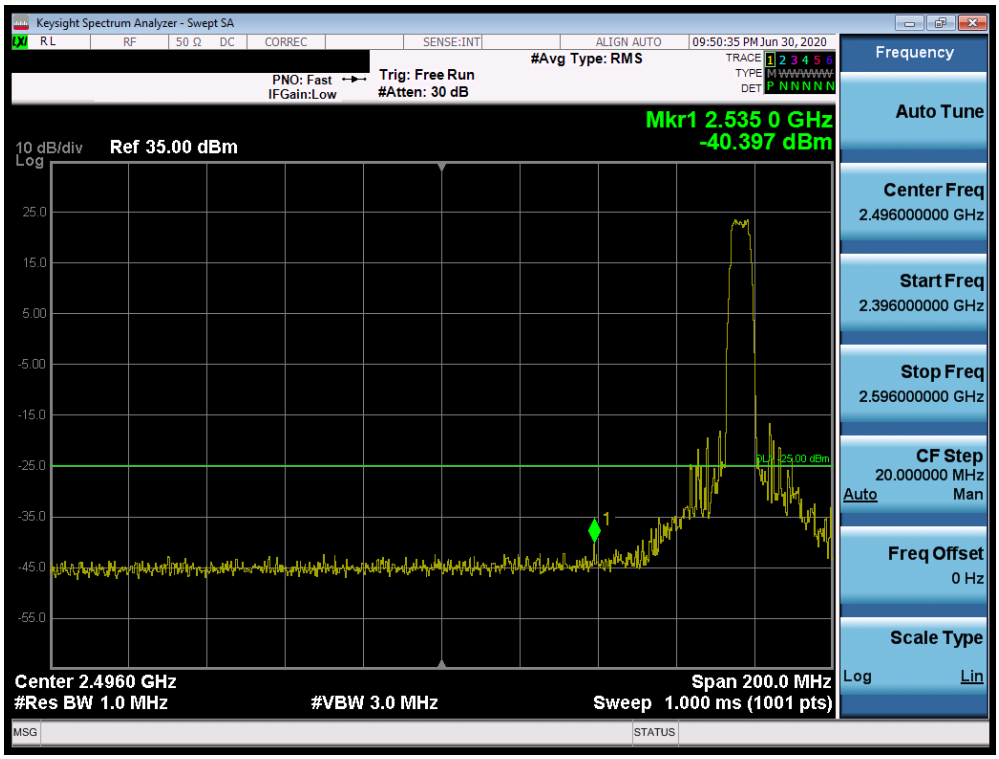


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5450 GHz	2.5700 GHz	240.0 kHz	2.557291667 GHz	6.292 dBm	-18.71 dB
2	2	2.5700 GHz	2.5710 GHz	360.0 kHz	2.570088333 GHz	-24.34 dBm	-14.34 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571033333 GHz	-20.72 dBm	-10.72 dB
4	4	2.5750 GHz	2.5880 GHz	1.000 MHz	2.576814400 GHz	-23.76 dBm	-10.76 dB
5	5	2.5880 GHz	2.5950 GHz	1.000 MHz	2.588136000 GHz	-41.03 dBm	-16.03 dB

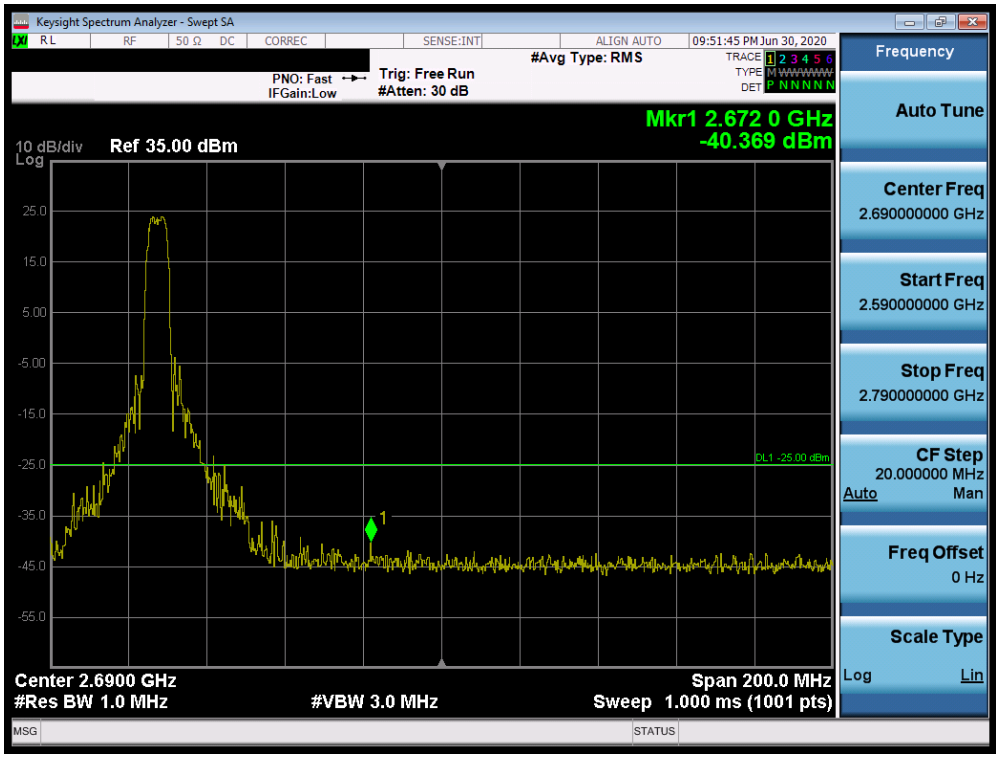
Plot 7-570. Upper Band Edge Plot (Band 7 - 20.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Band 38



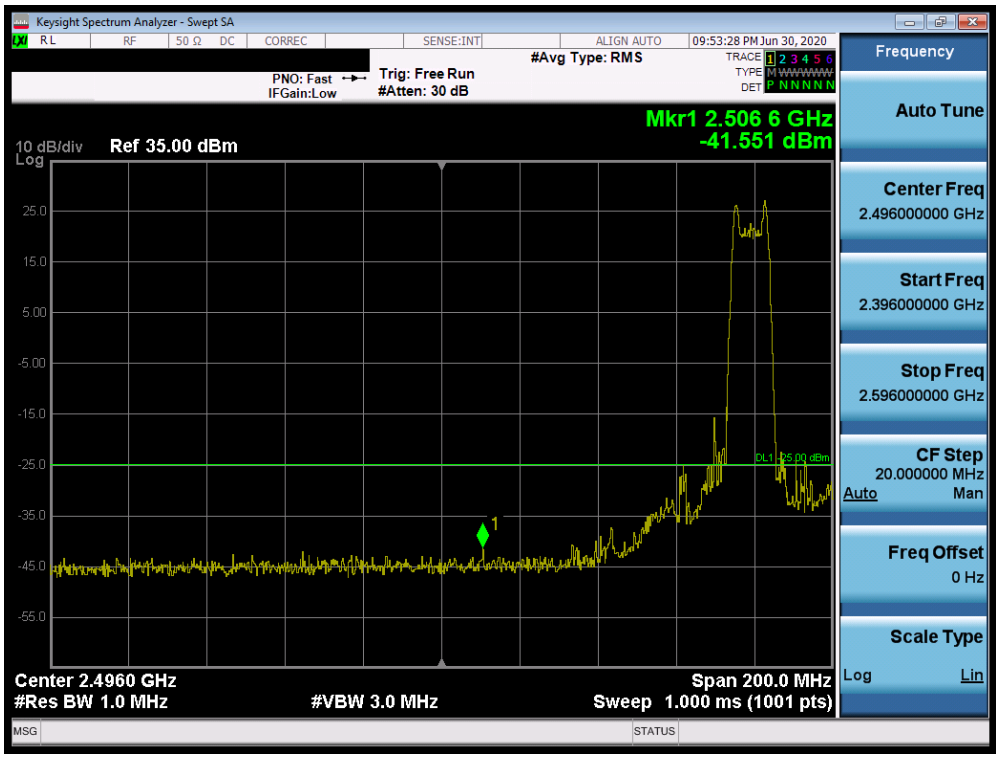
Plot 7-571. Lower Band Edge Plot (Band 38 - 5.0MHz QPSK - Full RB Configuration)



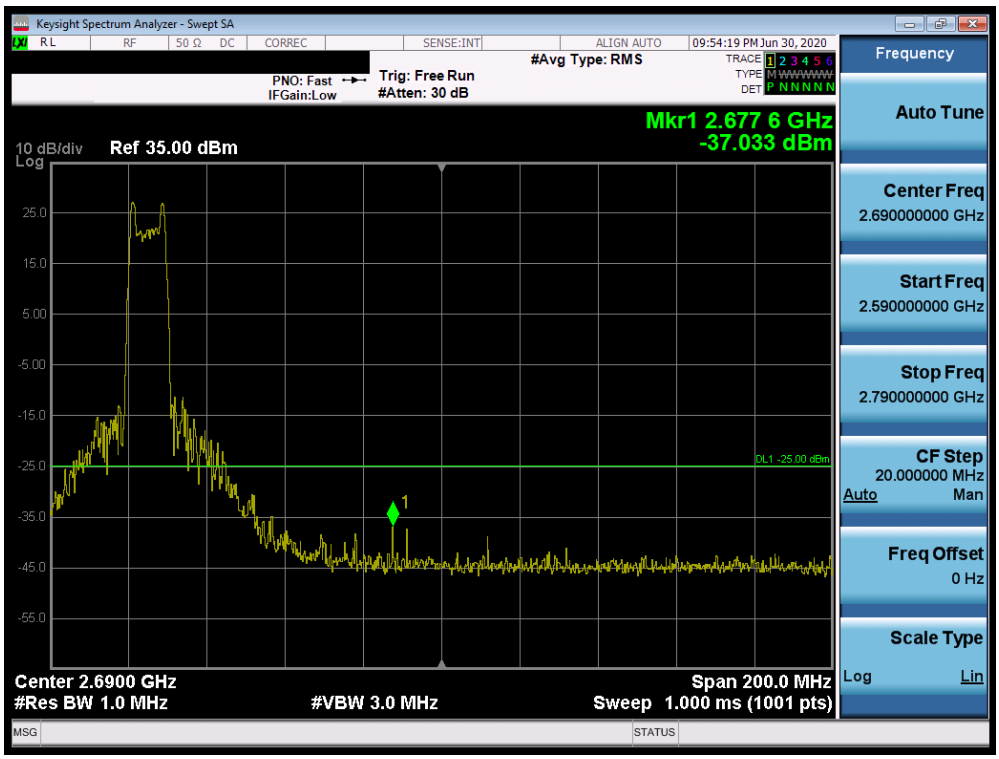
Plot 7-572. Upper Band Edge Plot (Band 38 - 5.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

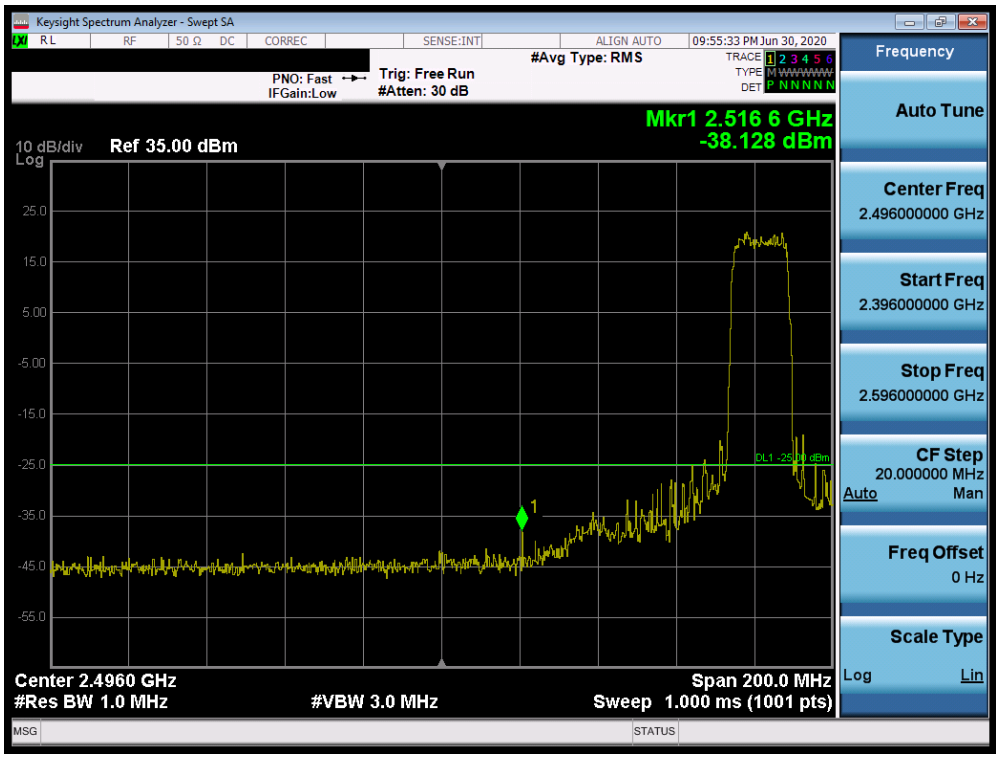


Plot 7-573. Lower Band Edge Plot (Band 38 - 10.0MHz QPSK - Full RB Configuration)

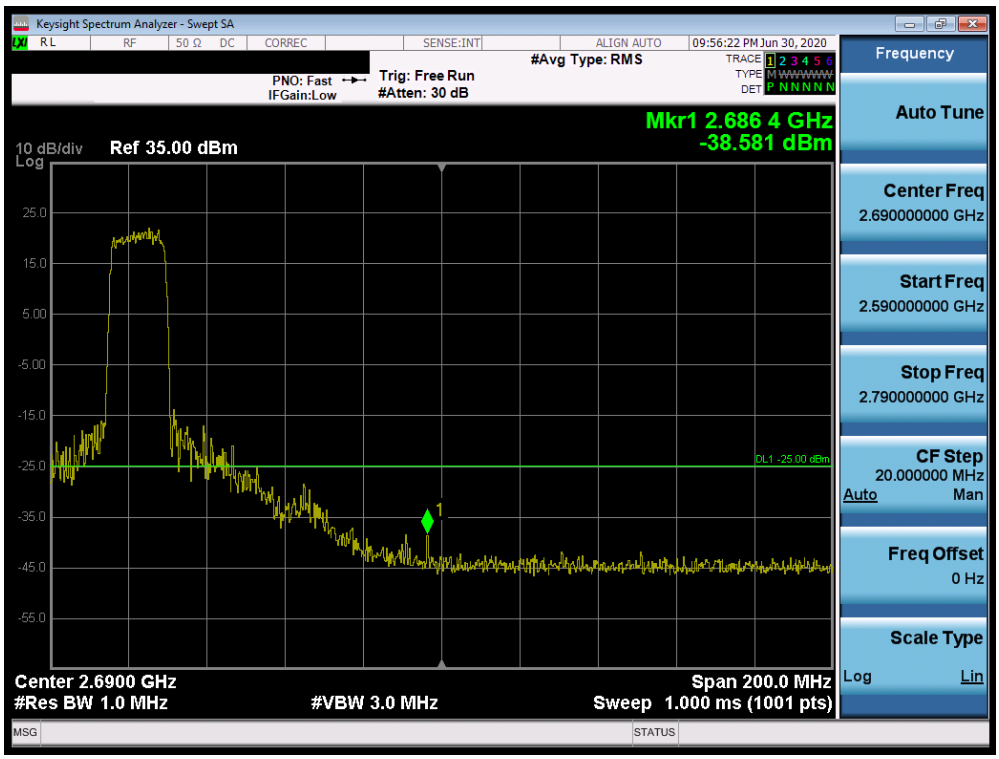


Plot 7-574. Upper Band Edge Plot (Band 38 - 10.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



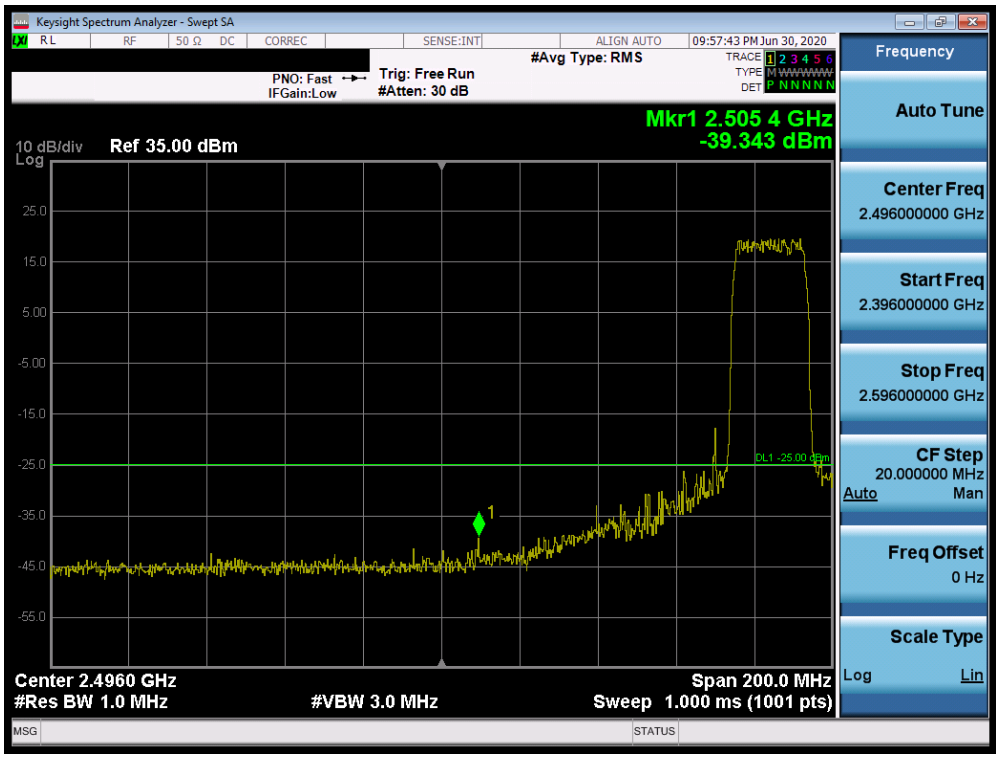
Plot 7-575. Lower Band Edge Plot (Band 38 - 15.0MHz QPSK - Full RB Configuration)



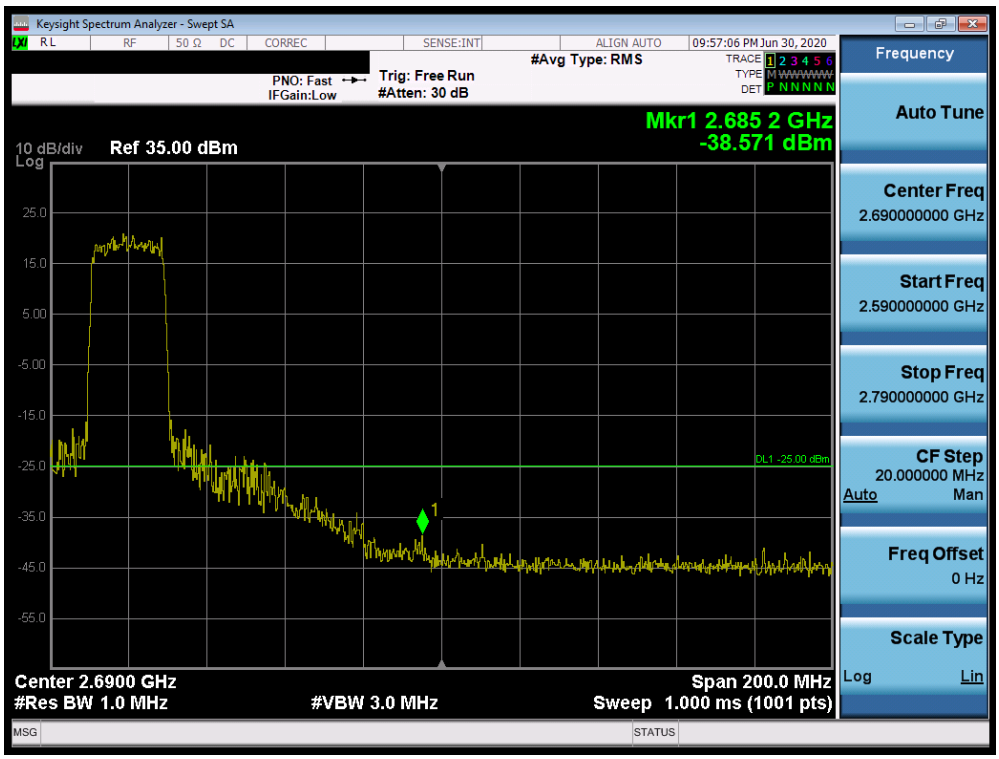
Plot 7-576. Upper Band Edge Plot (Band 38 - 15.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Plot 7-577. Lower Band Edge Plot (Band 38 - 20.0MHz QPSK - Full RB Configuration)

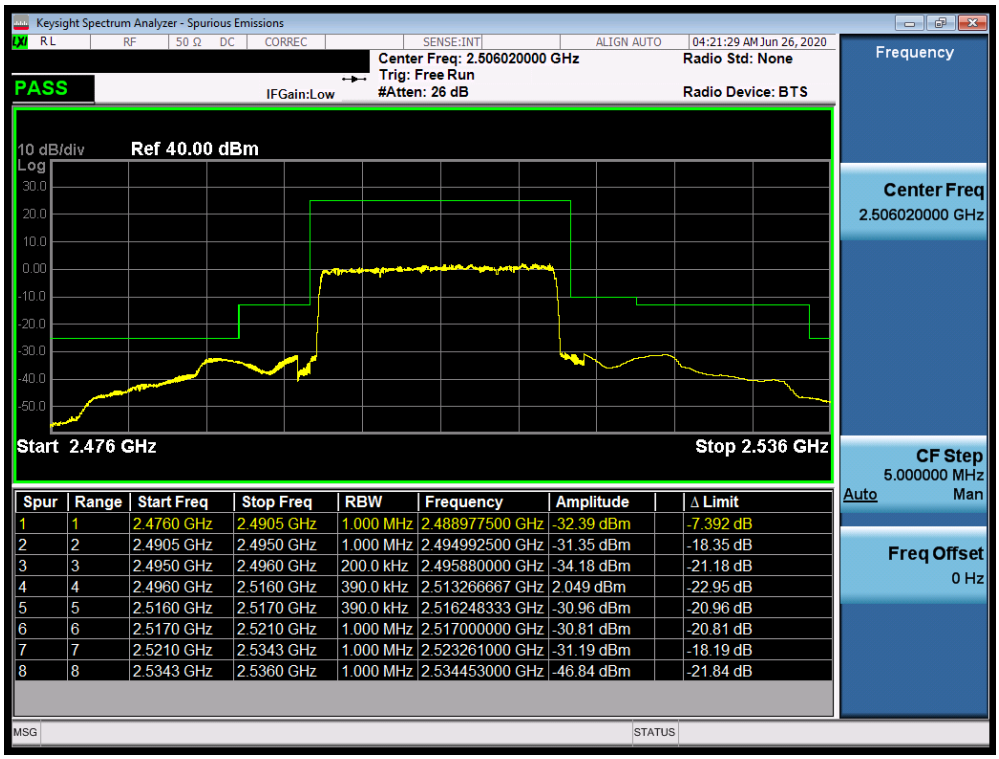


Plot 7-578. Upper Band Edge Plot (Band 38 - 20.0MHz QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

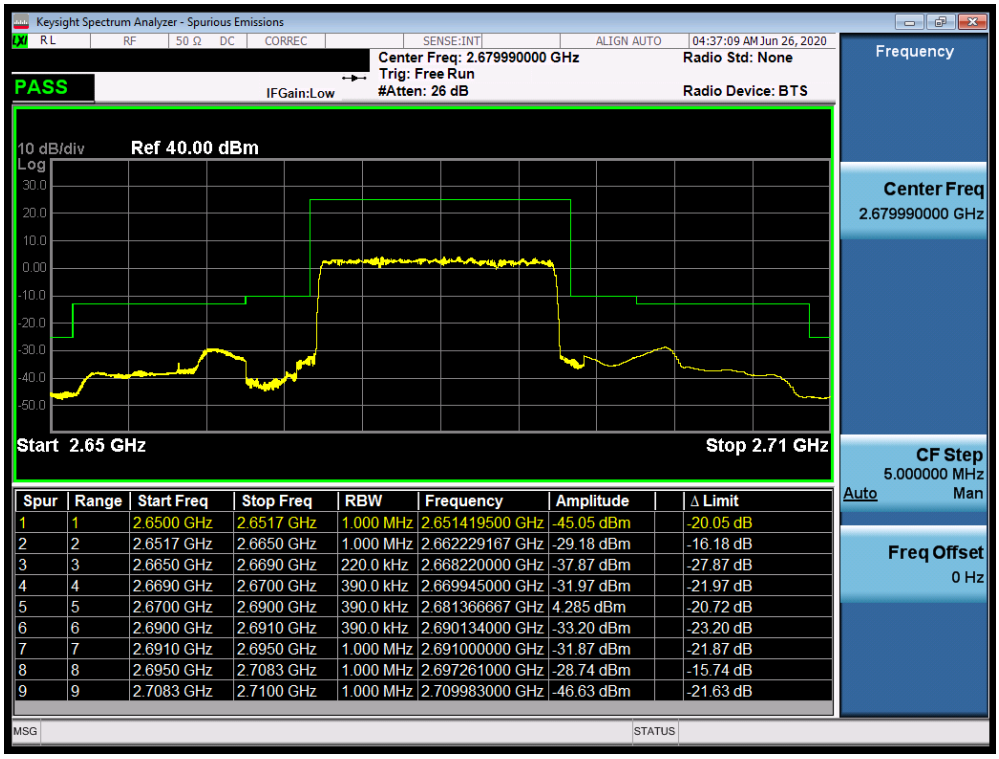
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

NR Band n41



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4760 GHz	2.4905 GHz	1.000 MHz	2.488977500 GHz	-32.39 dBm	-7.392 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494992500 GHz	-31.35 dBm	-18.35 dB
3	3	2.4950 GHz	2.4960 GHz	200.0 kHz	2.495880000 GHz	-34.18 dBm	-21.18 dB
4	4	2.4960 GHz	2.5160 GHz	390.0 kHz	2.513266667 GHz	2.049 dBm	-22.95 dB
5	5	2.5160 GHz	2.5170 GHz	390.0 kHz	2.516248333 GHz	-30.96 dBm	-20.96 dB
6	6	2.5170 GHz	2.5210 GHz	1.000 MHz	2.517000000 GHz	-30.81 dBm	-20.81 dB
7	7	2.5210 GHz	2.5343 GHz	1.000 MHz	2.523261000 GHz	-31.19 dBm	-18.19 dB
8	8	2.5343 GHz	2.5360 GHz	1.000 MHz	2.534453000 GHz	-46.84 dBm	-21.84 dB

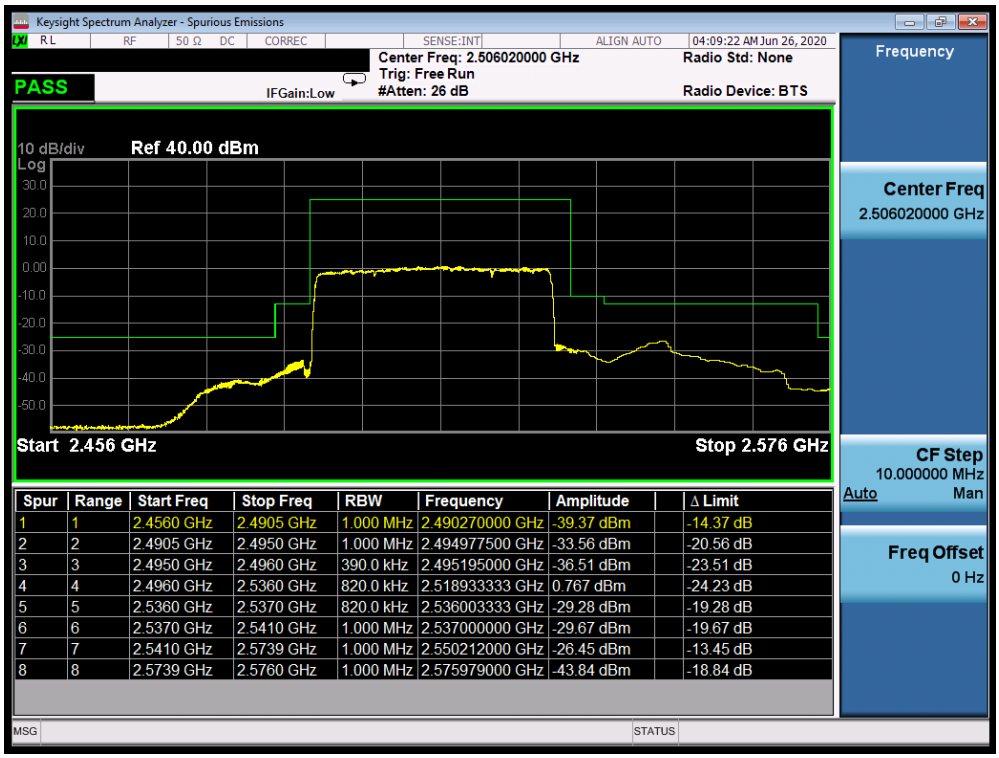
Plot 7-579. Lower ACP Plot at 2496 MHz (n41 - 20.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.6500 GHz	2.6517 GHz	1.000 MHz	2.651419500 GHz	-45.05 dBm	-20.05 dB
2	2	2.6517 GHz	2.6650 GHz	1.000 MHz	2.662229167 GHz	-29.18 dBm	-16.18 dB
3	3	2.6650 GHz	2.6690 GHz	220.0 kHz	2.668220000 GHz	-37.87 dBm	-27.87 dB
4	4	2.6690 GHz	2.6700 GHz	390.0 kHz	2.669945000 GHz	-31.97 dBm	-21.97 dB
5	5	2.6700 GHz	2.6900 GHz	390.0 kHz	2.681366667 GHz	4.285 dBm	-20.72 dB
6	6	2.6900 GHz	2.6910 GHz	390.0 kHz	2.690134000 GHz	-33.20 dBm	-23.20 dB
7	7	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691000000 GHz	-31.87 dBm	-21.87 dB
8	8	2.6950 GHz	2.7083 GHz	1.000 MHz	2.697261000 GHz	-28.74 dBm	-15.74 dB
9	9	2.7083 GHz	2.7100 GHz	1.000 MHz	2.709983000 GHz	-46.63 dBm	-21.63 dB

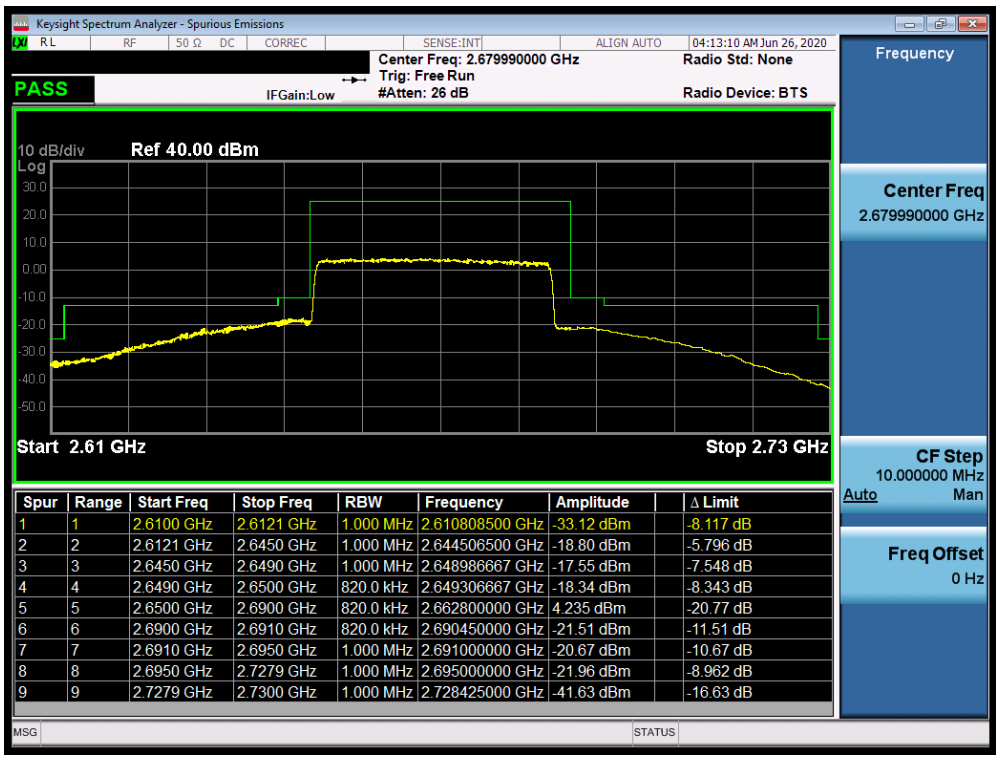
Plot 7-580. Upper ACP Plot (Band 41 - 20.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4560 GHz	2.4905 GHz	1.000 MHz	2.490270000 GHz	-39.37 dBm	-14.37 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494977500 GHz	-33.56 dBm	-20.56 dB
3	3	2.4950 GHz	2.4960 GHz	390.0 kHz	2.495195000 GHz	-36.51 dBm	-23.51 dB
4	4	2.4960 GHz	2.5360 GHz	820.0 kHz	2.518933333 GHz	0.767 dBm	-24.23 dB
5	5	2.5360 GHz	2.5370 GHz	820.0 kHz	2.536003333 GHz	-29.28 dBm	-19.28 dB
6	6	2.5370 GHz	2.5410 GHz	1.000 MHz	2.537000000 GHz	-29.67 dBm	-19.67 dB
7	7	2.5410 GHz	2.5739 GHz	1.000 MHz	2.550212000 GHz	-26.45 dBm	-13.45 dB
8	8	2.5739 GHz	2.5760 GHz	1.000 MHz	2.575979000 GHz	-43.84 dBm	-18.84 dB

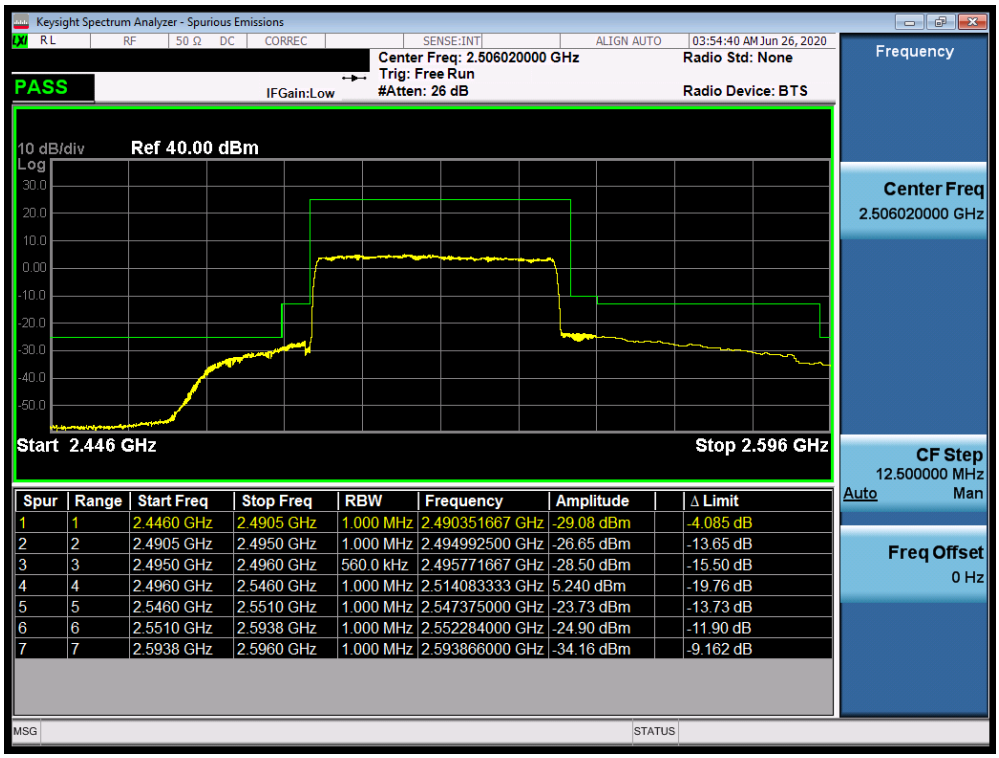
Plot 7-581. Lower ACP Plot at 2496 MHz (n41 - 40.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.6100 GHz	2.6121 GHz	1.000 MHz	2.610808500 GHz	-33.12 dBm	-8.117 dB
2	2	2.6121 GHz	2.6450 GHz	1.000 MHz	2.644506500 GHz	-18.80 dBm	-5.796 dB
3	3	2.6450 GHz	2.6490 GHz	1.000 MHz	2.648986667 GHz	-17.55 dBm	-7.548 dB
4	4	2.6490 GHz	2.6500 GHz	820.0 kHz	2.649306667 GHz	-18.34 dBm	-8.343 dB
5	5	2.6500 GHz	2.6900 GHz	820.0 kHz	2.662800000 GHz	4.235 dBm	-20.77 dB
6	6	2.6900 GHz	2.6910 GHz	820.0 kHz	2.690450000 GHz	-21.51 dBm	-11.51 dB
7	7	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691000000 GHz	-20.67 dBm	-10.67 dB
8	8	2.6950 GHz	2.7279 GHz	1.000 MHz	2.695000000 GHz	-21.96 dBm	-8.962 dB
9	9	2.7279 GHz	2.7300 GHz	1.000 MHz	2.728425000 GHz	-41.63 dBm	-16.63 dB

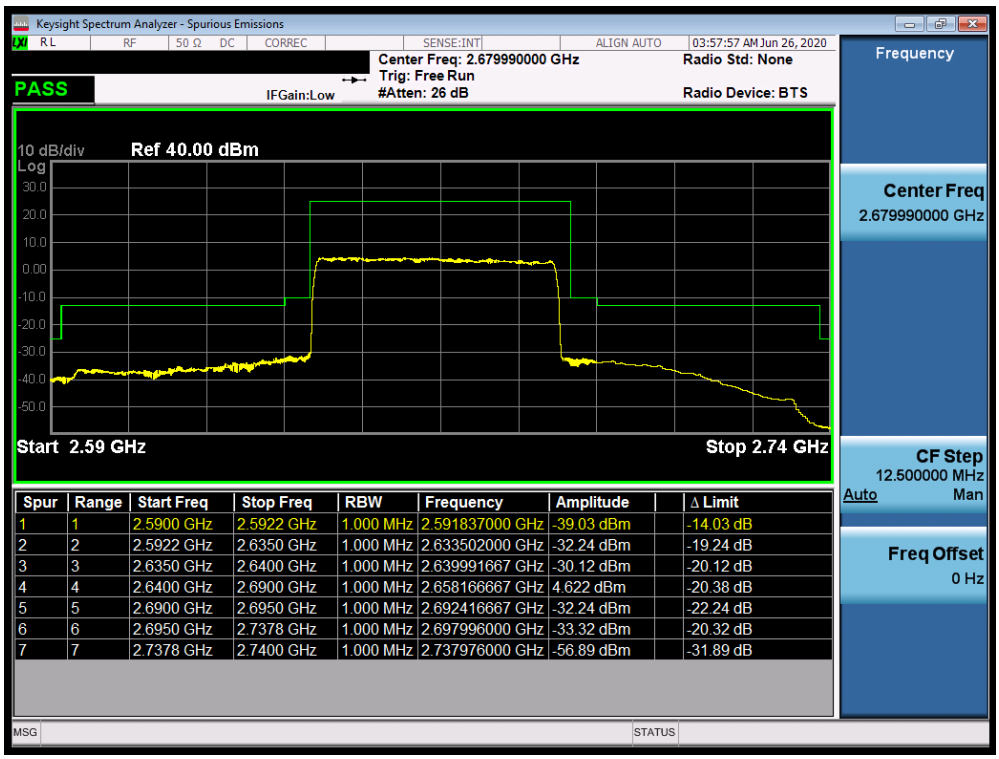
Plot 7-582. Upper ACP Plot (Band 41 - 40.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4460 GHz	2.4905 GHz	1.000 MHz	2.490351667 GHz	-29.08 dBm	-4.085 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494992500 GHz	-26.65 dBm	-13.65 dB
3	3	2.4950 GHz	2.4960 GHz	560.0 kHz	2.495771667 GHz	-28.50 dBm	-15.50 dB
4	4	2.4960 GHz	2.5460 GHz	1.000 MHz	2.514083333 GHz	5.240 dBm	-19.76 dB
5	5	2.5460 GHz	2.5510 GHz	1.000 MHz	2.547375000 GHz	-23.73 dBm	-13.73 dB
6	6	2.5510 GHz	2.5938 GHz	1.000 MHz	2.552284000 GHz	-24.90 dBm	-11.90 dB
7	7	2.5938 GHz	2.5960 GHz	1.000 MHz	2.593866000 GHz	-34.16 dBm	-9.162 dB

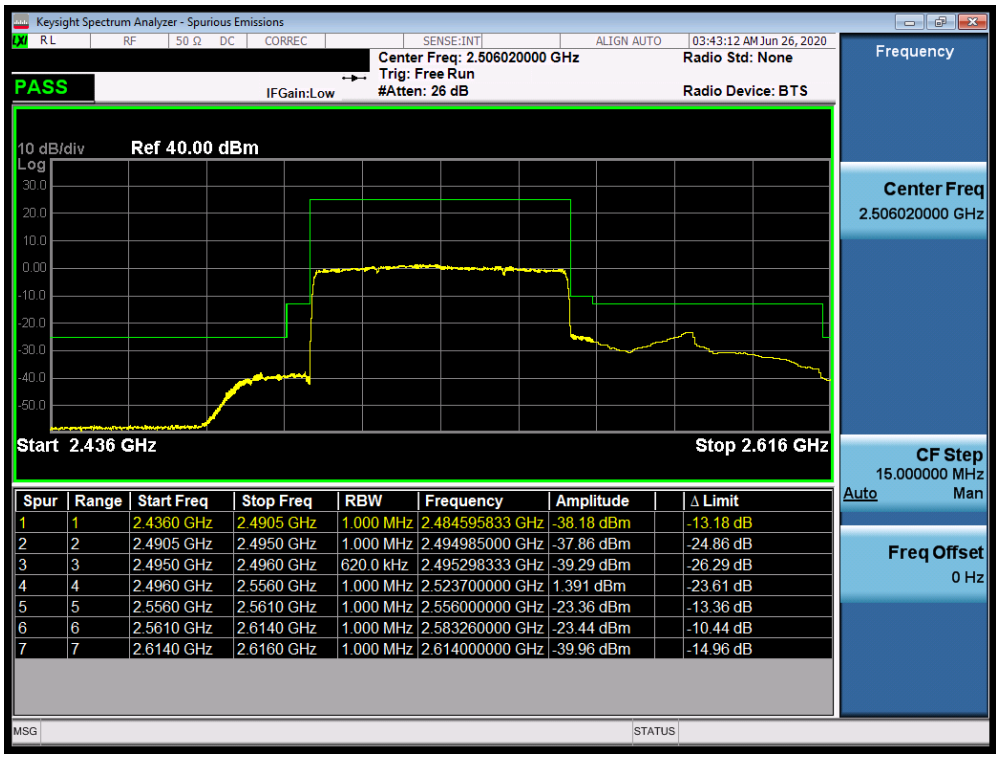
Plot 7-583. Lower ACP Plot at 2496 MHz (n41 - 50.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5900 GHz	2.5922 GHz	1.000 MHz	2.591837000 GHz	-39.03 dBm	-14.03 dB
2	2	2.5922 GHz	2.6350 GHz	1.000 MHz	2.633502000 GHz	-32.24 dBm	-19.24 dB
3	3	2.6350 GHz	2.6400 GHz	1.000 MHz	2.639991667 GHz	-30.12 dBm	-20.12 dB
4	4	2.6400 GHz	2.6900 GHz	1.000 MHz	2.658166667 GHz	4.622 dBm	-20.38 dB
5	5	2.6900 GHz	2.6950 GHz	1.000 MHz	2.692416667 GHz	-32.24 dBm	-22.24 dB
6	6	2.6950 GHz	2.7378 GHz	1.000 MHz	2.697996000 GHz	-33.32 dBm	-20.32 dB
7	7	2.7378 GHz	2.7400 GHz	1.000 MHz	2.737976000 GHz	-56.89 dBm	-31.89 dB

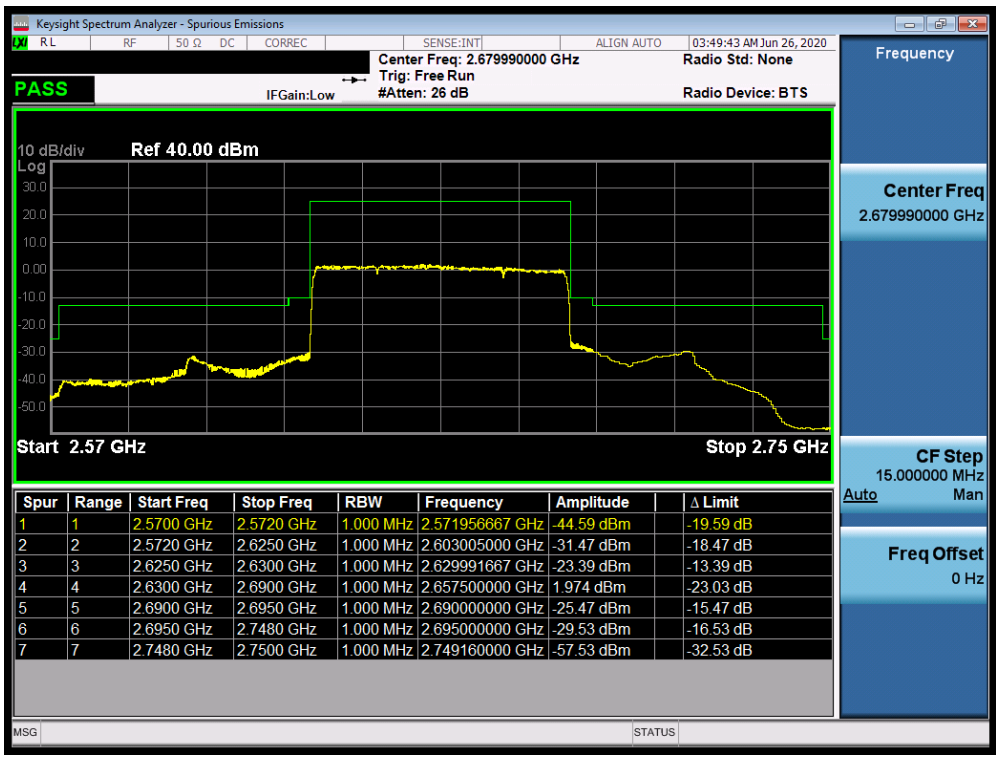
Plot 7-584. Upper ACP Plot (Band 41 - 50.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4360 GHz	2.4905 GHz	1.000 MHz	2.484595833 GHz	-38.18 dBm	-13.18 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494985000 GHz	-37.86 dBm	-24.86 dB
3	3	2.4950 GHz	2.4960 GHz	620.0 kHz	2.495298333 GHz	-39.29 dBm	-26.29 dB
4	4	2.4960 GHz	2.5560 GHz	1.000 MHz	2.523700000 GHz	1.391 dBm	-23.61 dB
5	5	2.5560 GHz	2.5610 GHz	1.000 MHz	2.556000000 GHz	-23.36 dBm	-13.36 dB
6	6	2.5610 GHz	2.6140 GHz	1.000 MHz	2.583260000 GHz	-23.44 dBm	-10.44 dB
7	7	2.6140 GHz	2.6160 GHz	1.000 MHz	2.614000000 GHz	-39.96 dBm	-14.96 dB

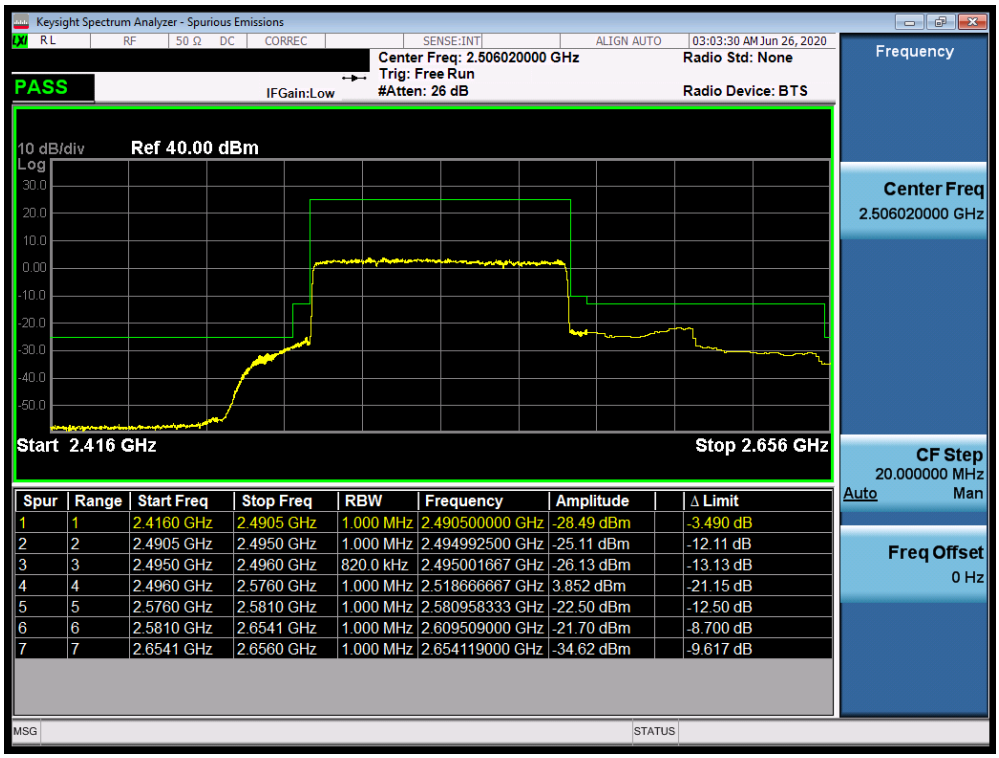
Plot 7-585. Lower ACP Plot at 2496 MHz (n41 - 60.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5700 GHz	2.5720 GHz	1.000 MHz	2.571956667 GHz	-44.59 dBm	-19.59 dB
2	2	2.5720 GHz	2.6250 GHz	1.000 MHz	2.603005000 GHz	-31.47 dBm	-18.47 dB
3	3	2.6250 GHz	2.6300 GHz	1.000 MHz	2.629991667 GHz	-23.39 dBm	-13.39 dB
4	4	2.6300 GHz	2.6900 GHz	1.000 MHz	2.657500000 GHz	1.974 dBm	-23.03 dB
5	5	2.6900 GHz	2.6950 GHz	1.000 MHz	2.690000000 GHz	-25.47 dBm	-15.47 dB
6	6	2.6950 GHz	2.7480 GHz	1.000 MHz	2.695000000 GHz	-29.53 dBm	-16.53 dB
7	7	2.7480 GHz	2.7500 GHz	1.000 MHz	2.749160000 GHz	-57.53 dBm	-32.53 dB

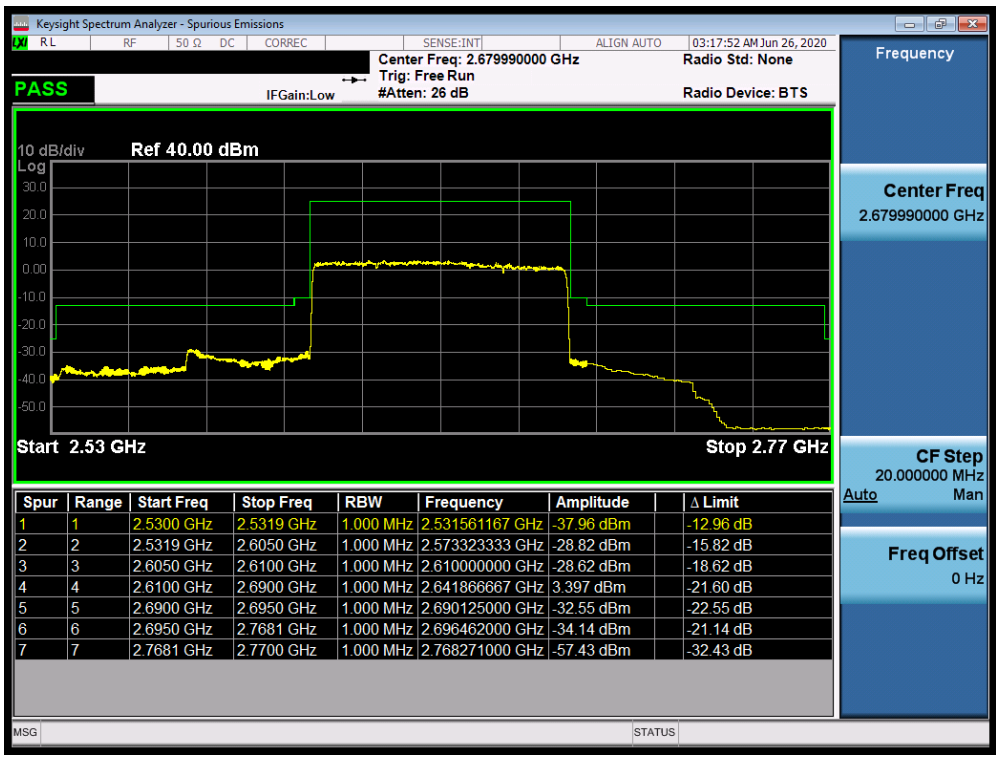
Plot 7-586. Upper ACP Plot (Band 41 - 60.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4160 GHz	2.4905 GHz	1.000 MHz	2.490500000 GHz	-28.49 dBm	-3.490 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494992500 GHz	-25.11 dBm	-12.11 dB
3	3	2.4950 GHz	2.4960 GHz	820.0 kHz	2.495001667 GHz	-26.13 dBm	-13.13 dB
4	4	2.4960 GHz	2.5760 GHz	1.000 MHz	2.518666667 GHz	3.852 dBm	-21.15 dB
5	5	2.5760 GHz	2.5810 GHz	1.000 MHz	2.580958333 GHz	-22.50 dBm	-12.50 dB
6	6	2.5810 GHz	2.6541 GHz	1.000 MHz	2.609509000 GHz	-21.70 dBm	-8.700 dB
7	7	2.6541 GHz	2.6560 GHz	1.000 MHz	2.654119000 GHz	-34.62 dBm	-9.617 dB

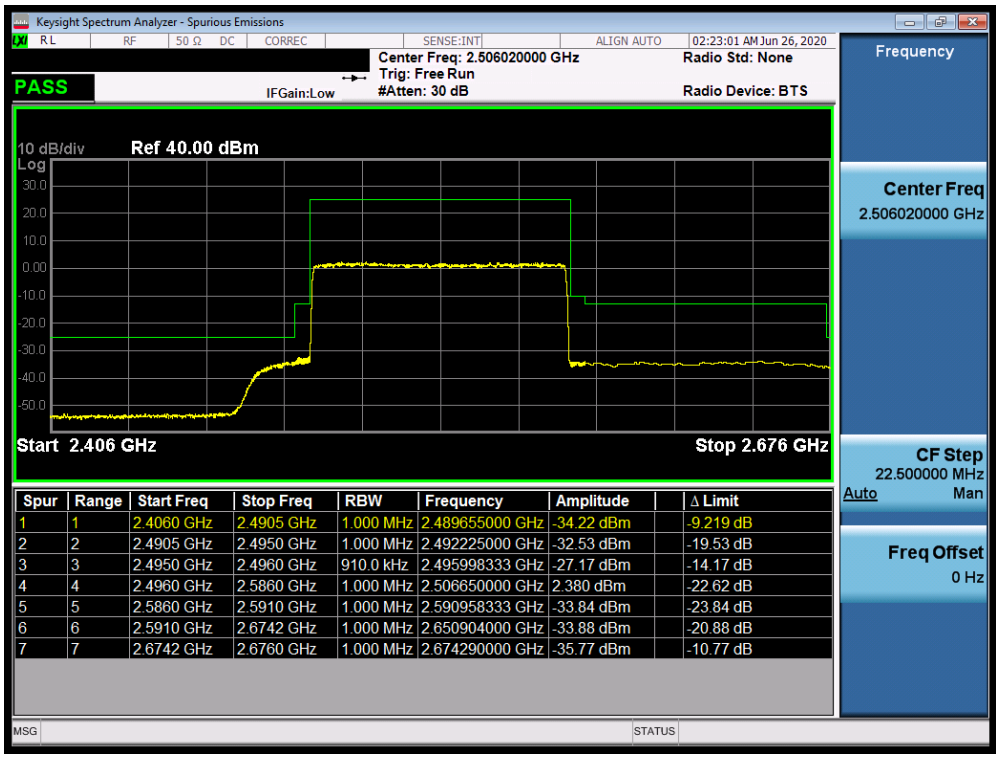
Plot 7-587. Lower ACP Plot at 2496 MHz (n41 - 80.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5300 GHz	2.5319 GHz	1.000 MHz	2.531561167 GHz	-37.96 dBm	-12.96 dB
2	2	2.5319 GHz	2.6050 GHz	1.000 MHz	2.573323333 GHz	-28.82 dBm	-15.82 dB
3	3	2.6050 GHz	2.6100 GHz	1.000 MHz	2.610000000 GHz	-28.62 dBm	-18.62 dB
4	4	2.6100 GHz	2.6900 GHz	1.000 MHz	2.641866667 GHz	3.397 dBm	-21.60 dB
5	5	2.6900 GHz	2.6950 GHz	1.000 MHz	2.690125000 GHz	-32.55 dBm	-22.55 dB
6	6	2.6950 GHz	2.7681 GHz	1.000 MHz	2.696462000 GHz	-34.14 dBm	-21.14 dB
7	7	2.7681 GHz	2.7700 GHz	1.000 MHz	2.768271000 GHz	-57.43 dBm	-32.43 dB

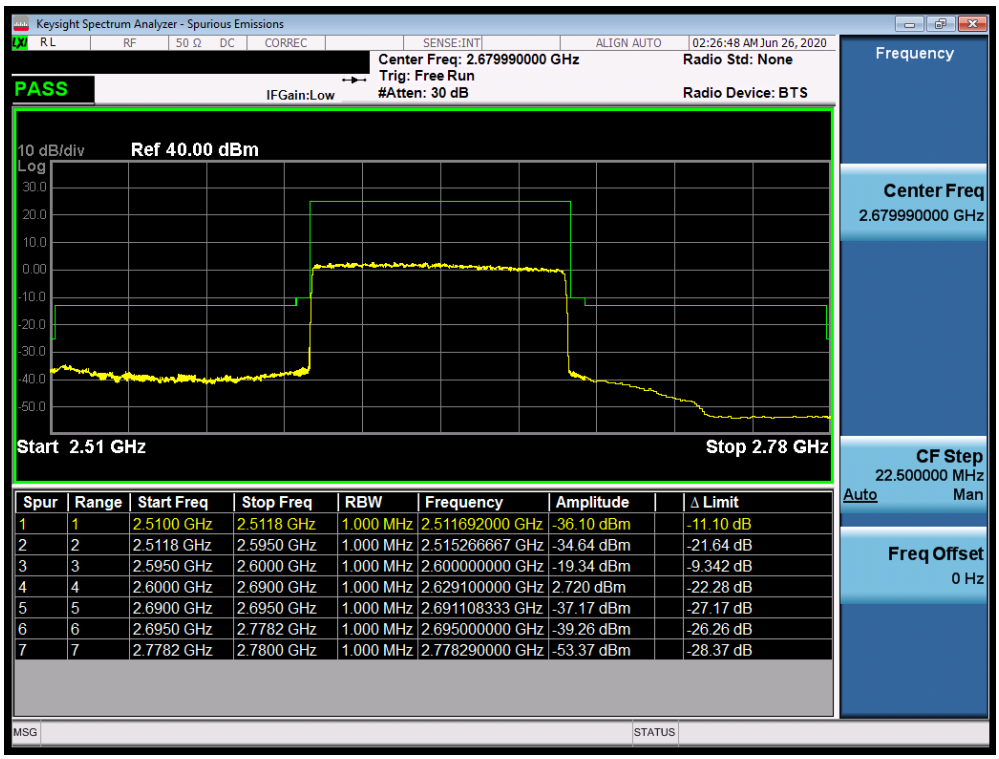
Plot 7-588. Upper ACP Plot (Band 41 - 80.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4060 GHz	2.4905 GHz	1.000 MHz	2.489655000 GHz	-34.22 dBm	-9.219 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.492225000 GHz	-32.53 dBm	-19.53 dB
3	3	2.4950 GHz	2.4960 GHz	910.0 kHz	2.495998333 GHz	-27.17 dBm	-14.17 dB
4	4	2.4960 GHz	2.5860 GHz	1.000 MHz	2.506650000 GHz	2.380 dBm	-22.62 dB
5	5	2.5860 GHz	2.5910 GHz	1.000 MHz	2.590958333 GHz	-33.84 dBm	-23.84 dB
6	6	2.5910 GHz	2.6742 GHz	1.000 MHz	2.650904000 GHz	-33.88 dBm	-20.88 dB
7	7	2.6742 GHz	2.6760 GHz	1.000 MHz	2.674290000 GHz	-35.77 dBm	-10.77 dB

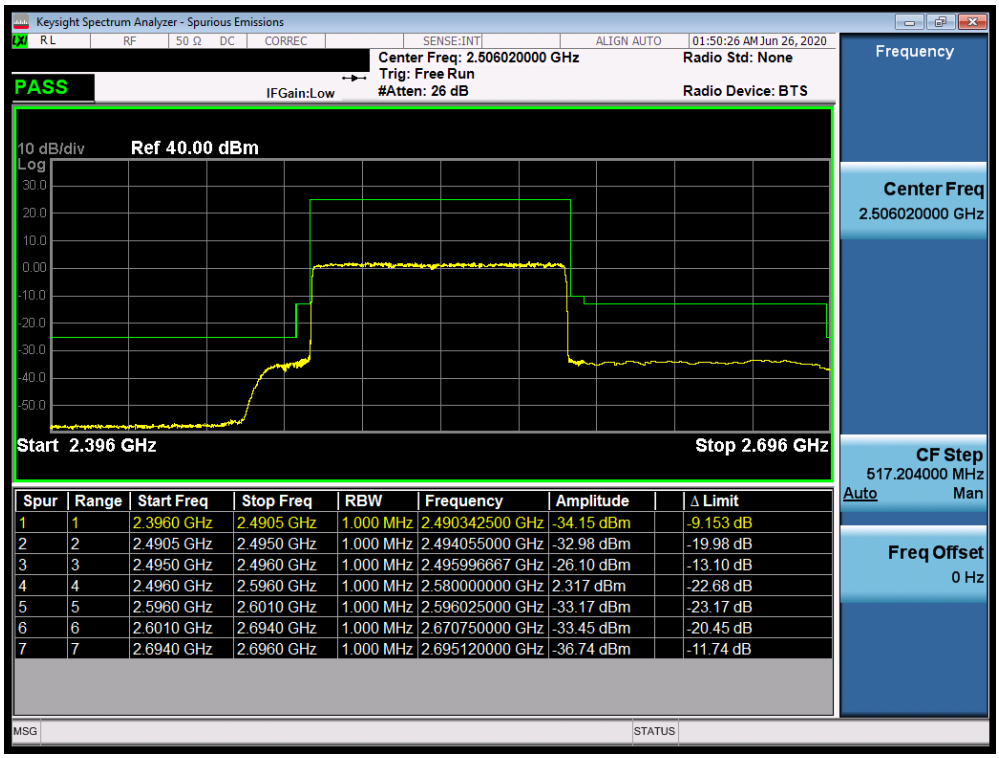
Plot 7-589. Lower ACP Plot at 2496 MHz (n41 - 90.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.5100 GHz	2.5118 GHz	1.000 MHz	2.511692000 GHz	-36.10 dBm	-11.10 dB
2	2	2.5118 GHz	2.5950 GHz	1.000 MHz	2.515266667 GHz	-34.64 dBm	-21.64 dB
3	3	2.5950 GHz	2.6000 GHz	1.000 MHz	2.600000000 GHz	-19.34 dBm	-9.342 dB
4	4	2.6000 GHz	2.6900 GHz	1.000 MHz	2.629100000 GHz	2.720 dBm	-22.28 dB
5	5	2.6900 GHz	2.6950 GHz	1.000 MHz	2.691108333 GHz	-37.17 dBm	-27.17 dB
6	6	2.6950 GHz	2.7782 GHz	1.000 MHz	2.695000000 GHz	-39.26 dBm	-26.26 dB
7	7	2.7782 GHz	2.7800 GHz	1.000 MHz	2.778290000 GHz	-53.37 dBm	-28.37 dB

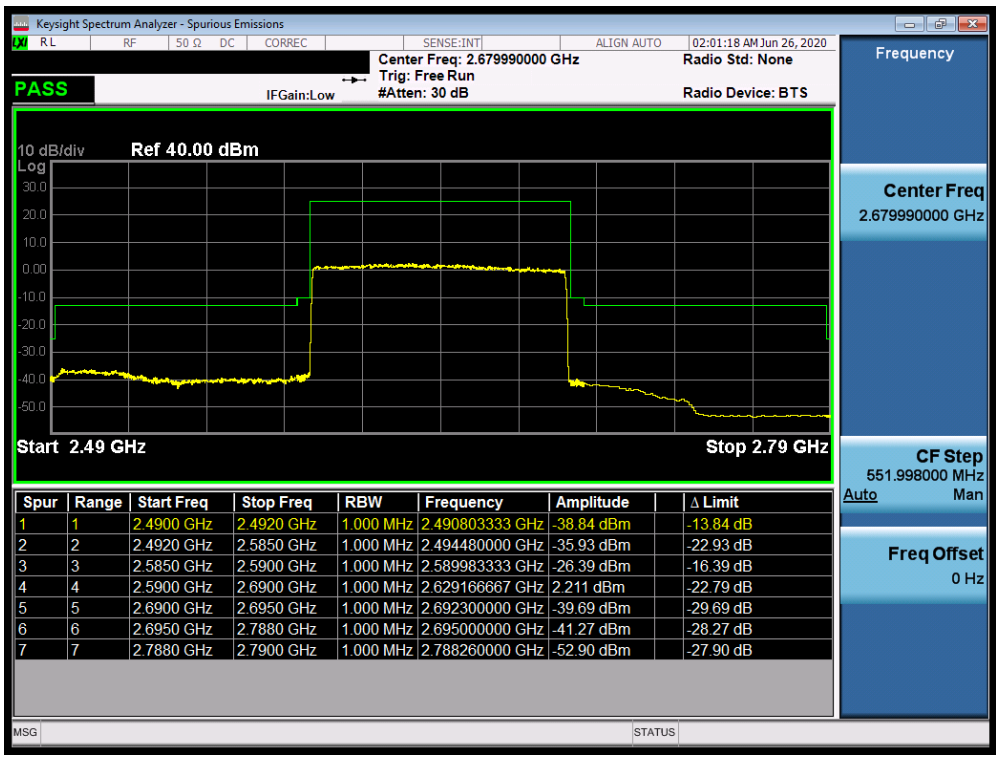
Plot 7-590. Upper ACP Plot (Band 41 - 90.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.3960 GHz	2.4905 GHz	1.000 MHz	2.490342500 GHz	-34.15 dBm	-9.153 dB
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.494055000 GHz	-32.98 dBm	-19.98 dB
3	3	2.4950 GHz	2.4960 GHz	1.000 MHz	2.495996667 GHz	-26.10 dBm	-13.10 dB
4	4	2.4960 GHz	2.5960 GHz	1.000 MHz	2.580000000 GHz	2.317 dBm	-22.68 dB
5	5	2.5960 GHz	2.6010 GHz	1.000 MHz	2.596025000 GHz	-33.17 dBm	-23.17 dB
6	6	2.6010 GHz	2.6940 GHz	1.000 MHz	2.670750000 GHz	-33.45 dBm	-20.45 dB
7	7	2.6940 GHz	2.6960 GHz	1.000 MHz	2.695120000 GHz	-36.74 dBm	-11.74 dB

Plot 7-591. Lower ACP Plot at 2496 MHz (n41 - 100.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	2.4900 GHz	2.4920 GHz	1.000 MHz	2.490803333 GHz	-38.84 dBm	-13.84 dB
2	2	2.4920 GHz	2.5850 GHz	1.000 MHz	2.494480000 GHz	-35.93 dBm	-22.93 dB
3	3	2.5850 GHz	2.5900 GHz	1.000 MHz	2.589983333 GHz	-26.39 dBm	-16.39 dB
4	4	2.5900 GHz	2.6900 GHz	1.000 MHz	2.629166667 GHz	2.211 dBm	-22.79 dB
5	5	2.6900 GHz	2.6950 GHz	1.000 MHz	2.692300000 GHz	-39.69 dBm	-29.69 dB
6	6	2.6950 GHz	2.7880 GHz	1.000 MHz	2.695000000 GHz	-41.27 dBm	-28.27 dB
7	7	2.7880 GHz	2.7900 GHz	1.000 MHz	2.788260000 GHz	-52.90 dBm	-27.90 dB

Plot 7-592. Upper ACP Plot (Band n41 - 100.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

© 2020 PCTEST
V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

7.5 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7.1

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW ≥ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

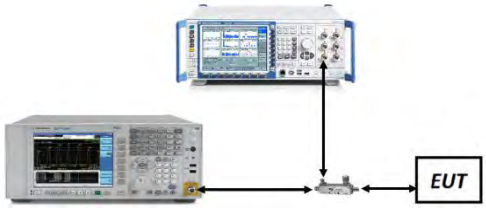


Figure 7-4. Test Instrument & Measurement Setup

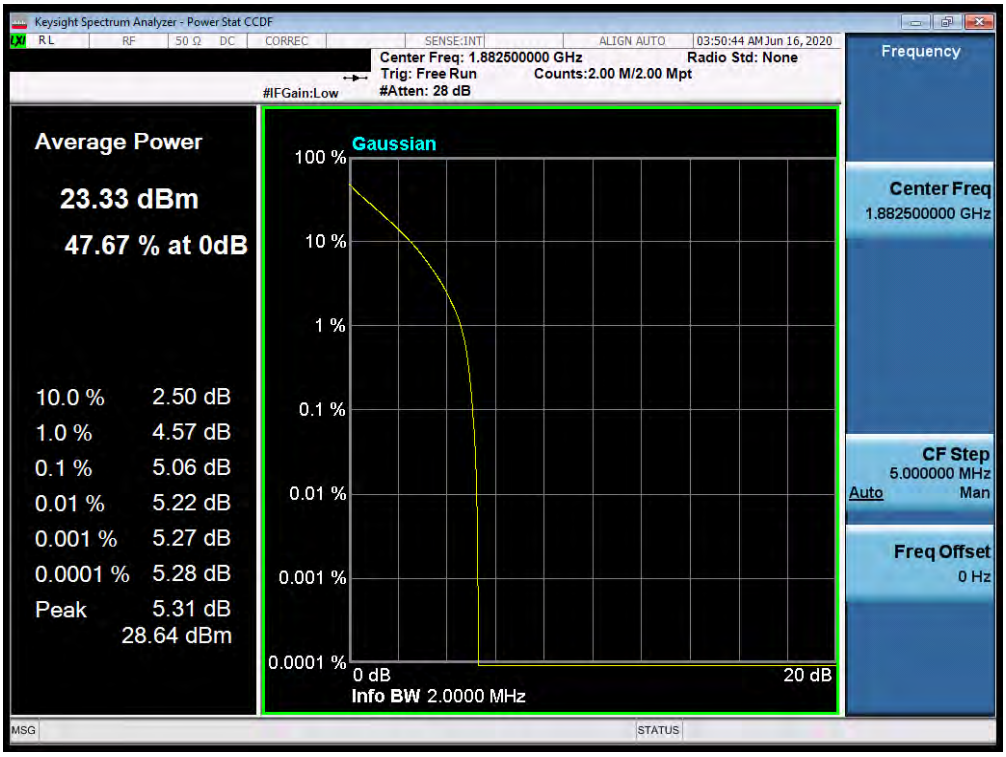
Test Notes

None.

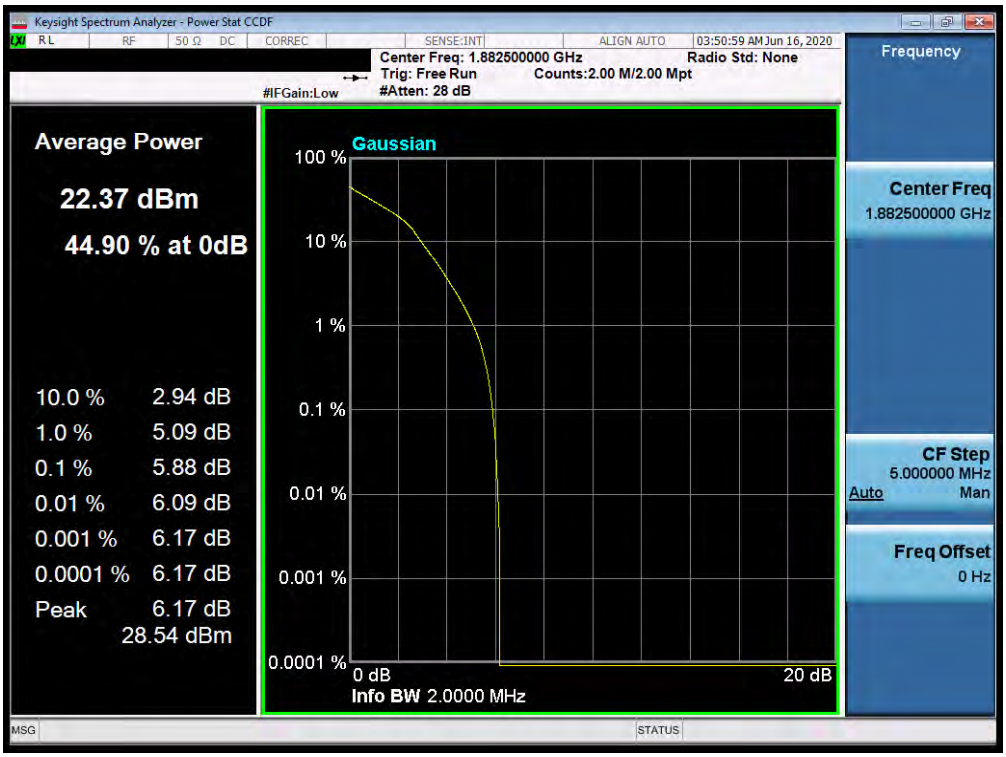
© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

Band 25/2



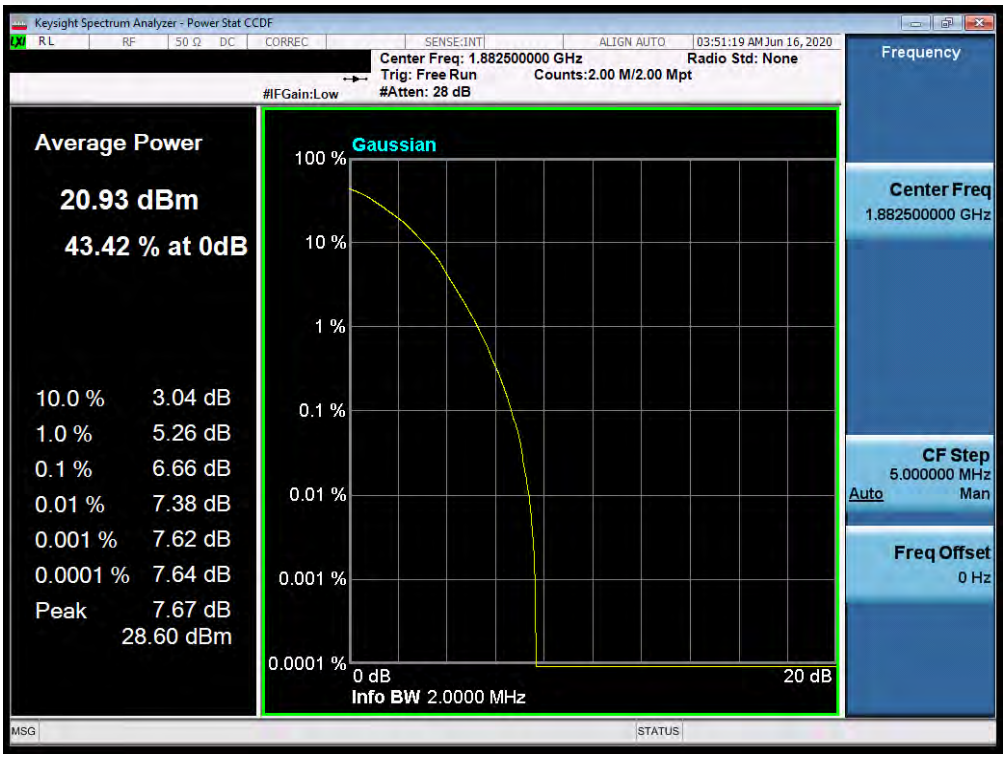
Plot 7-593. PAR Plot (Band 25/2 - 1.4MHz QPSK - Full RB Configuration)



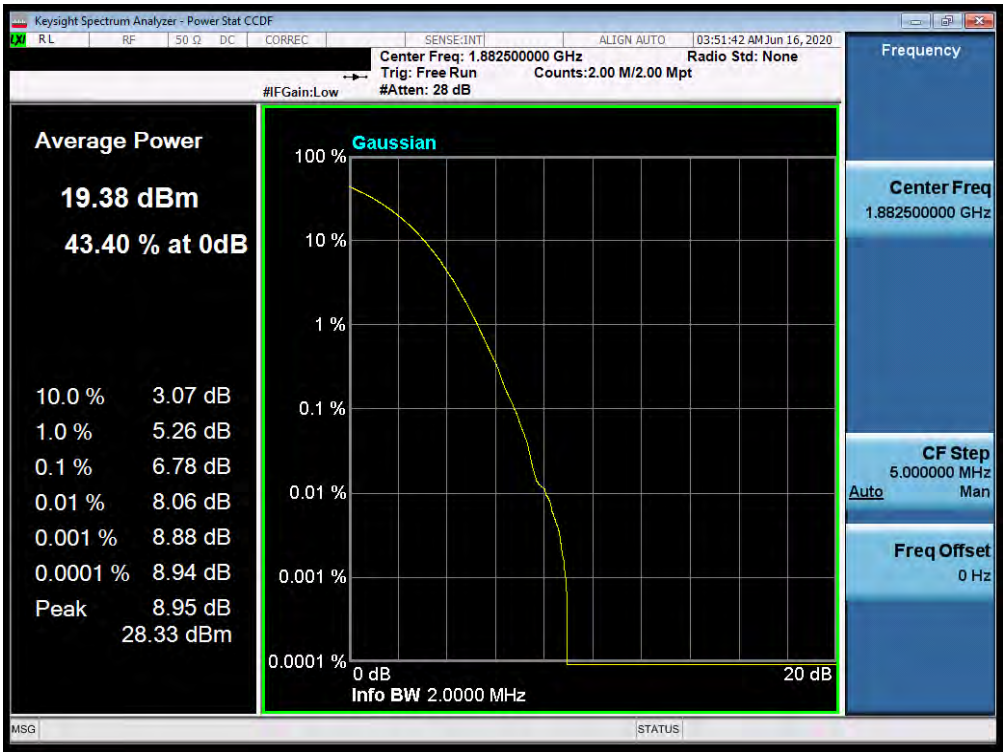
Plot 7-594. PAR Plot (Band 25/2 - 1.4MHz 16-QAM - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019

All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

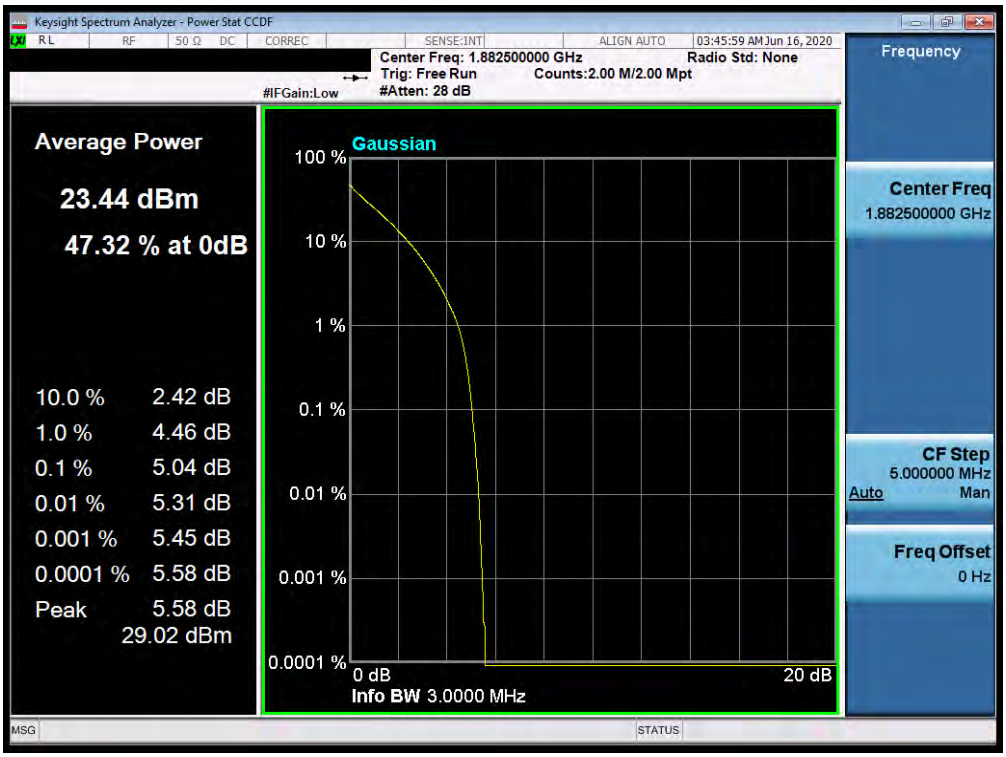


Plot 7-595. PAR Plot (Band 25/2 - 1.4MHz 64-QAM - Full RB Configuration)

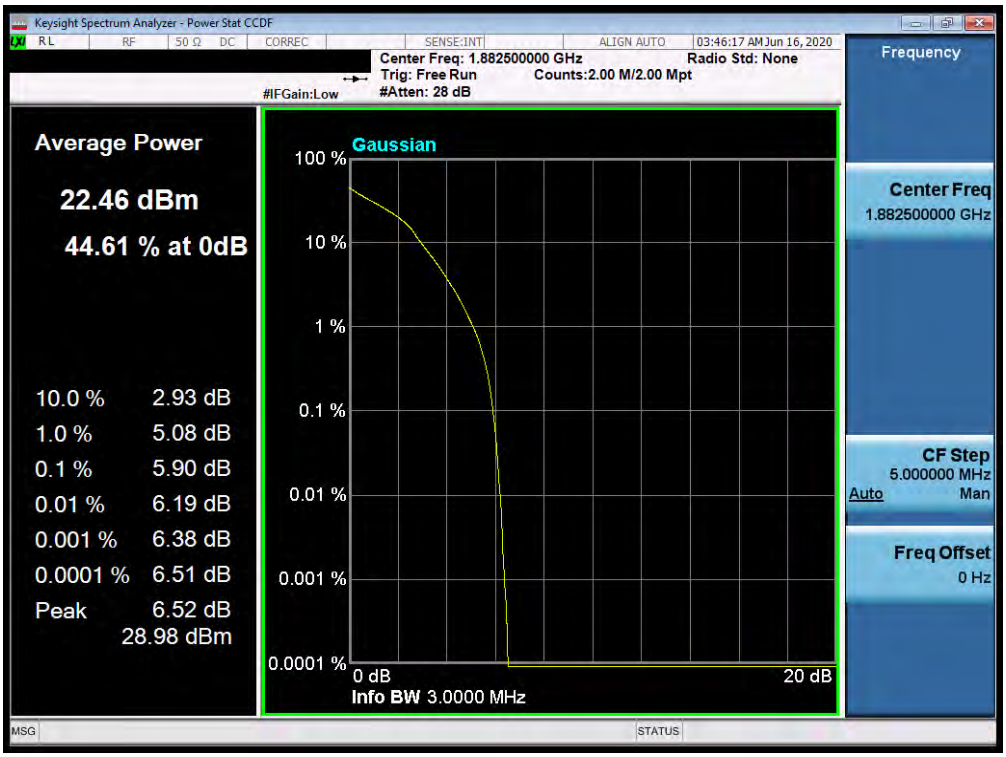


Plot 7-596. PAR Plot (Band 25/2 - 1.4MHz 256-QAM - Full RB Configuration)

© 2020 PCTEST
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.



Plot 7-597. PAR Plot (Band 25/2 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-598. PAR Plot (Band 25/2 - 3.0MHz 16-QAM - Full RB Configuration)

© 2020 PCTEST V 9.0 02/01/2019
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.