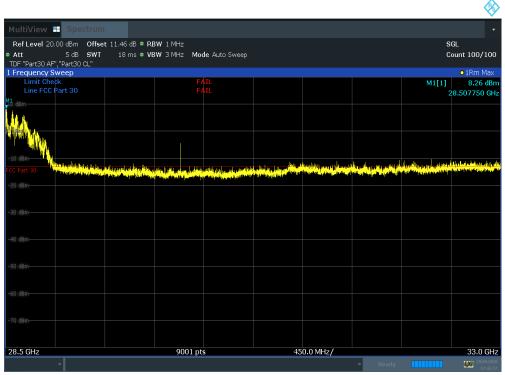


				- 🔗
MultiView 🗄 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 d	B • RBW 1 MHz		SGL	
	s • VBW 3 MHz Mode Auto Sweep		Count	100/100
TDF "Part30 AF","Part30 CL" L Frequency Sweep				1Rm Avg
Limit Check	FÁIL			12.20 dBm
Line FCC Part 30				91070 GHz
				11.73 dBm
			28.61	16740 GHz
) dBm				
M1	M2			
-10 -18m-	The second secon			
CC Part 30				
-20 dBm-	٣٠ ٩ موالي المراجع المراجع			
-40 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive	Ready	28.09.2020 20:07:05

Plot 7-454. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45, Final)



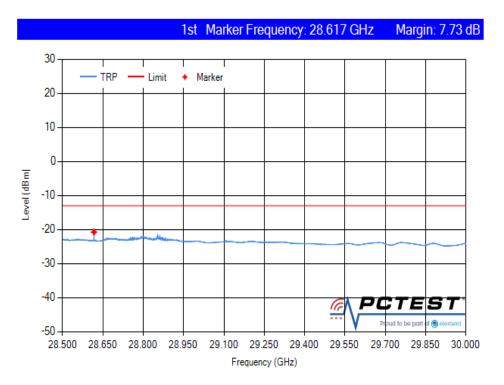
Plot 7-455. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135)

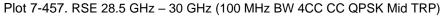
FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 460
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MultiView 🔲 Spectrum				•
Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz			SGL
●Att 5dB SWT	18 ms • VBW 3 MHz Mode Auto	Sweep		Count 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep				•1Rm Avg
Limit Check	FÁIL			M2[1] -6.94 dBm
Line FCC Part 30				30.091070 GHz
10 dBm				M1[1] -4.29 dBm
				28.500250 GHz
M1 dBm-				
ala a	M2			
FCC Part 30				
-20 dBm	and the second			
-30 dBm				
-40 dBm				
-50 dBm				
-60 dBm-				
-70 dBm				
28.5 GHz	9001 pts	450.0 N		33.0 GHz
			▼ Ready	29.09.2020 17:43:58

Plot 7-456. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)





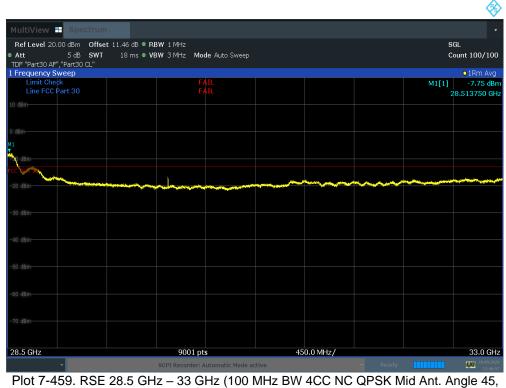
FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 200 of 460
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Page 290 of 469
A AAAA DOTEOT			DK OD 46 00 Dev 02



Ref Level 20.00 dBm Offset 11.46 dB • RBW 1 MHz SGL					<u> </u>
Att 5 dll SWT 18 ms VBW 3 MHz Mode Auto Sweep Count 100/100 Dir "reation AF, "PartS0 AC" FAIL 0.08 dBr M1[1] 0.08 dBr 0.08 dBr 0 dBr 0.08 dBr FAIL 0.00 dBr 0.00 dBr 0.00 dBr 0.00 dBr 1 dBr 0.08 dBr 0.00 dBr	MultiView 🗄 Spectrum				
TDP "Part30 AP" "Part30 CU" • IRm Max Frequency Sweep • IRm Max Limit Check FAIL M1[1] -0.08 dBr 0 dBm Image: An and the standard s	Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz			SGL
Frequency Sweep • 1Rm Max Limit Check M1111 -0.08 dBr 0 dBn - <td< td=""><td></td><td>18 m s ● VBW 3 MHz Mode A</td><td>iuto Sweep</td><td></td><td>Count 100/100</td></td<>		18 m s ● VBW 3 MHz Mode A	iuto Sweep		Count 100/100
Line FCC Part 30 FAIL M1[1] -0.08 dBr 0 88m 9					o 10m May
Line FCC Part 30 FAIL 28.508250 GH 0 d8m Image: Source of the state of the st		FÁIL			
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10 10 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
dem-					
20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm 83.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	All would				
20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	C Part 30		وأوالأ ومنزع بمراجا فأتفأ واسراد فرأر مارد وأت		r al an United and a state of the
30 dBm- 40 dBm- 50 dBm- 50 dBm- 70 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	20 dBm	ويعتقد ويشالها أستار بتراغثا الأمريتية المالكتين والملاوية والمتلا	aller to be a second of the second		
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	40 dBm				
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	50 dBm				
70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
	28.5.647	0001 ptc	45	50.0 MHz/	23.0.64

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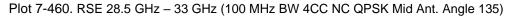
Final)

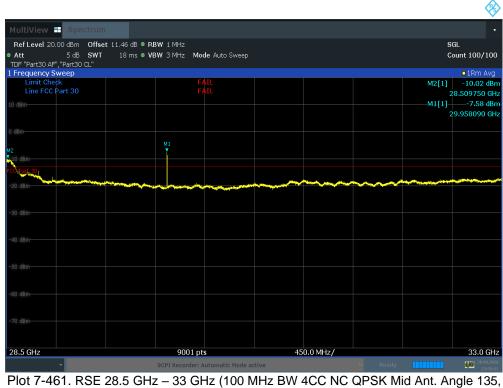
FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 201 of 460
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					(%)
MultiView 📑 Spectrum					•
Ref Level 20.00 dBm Offse					SGL
Att 5 dB SWT TDF "Part30 AF","Part30 CL"	18 ms ● VBW 3 MHz Moo	le Auto Sweep			Count 100/100
1 Frequency Sweep					o1Rm Max
Limit Check Line FCC Part 30	F/				M1[1] -1.93 dBm 28.519750 GHz
dBm					
CC Part 30			and the second secon		a la constante de la constante A la constante de la constante d A la constante de la constante d
-20 dBm-					
-50 dBm-					
28.5 GHz	9001 pt	S	450.0 MHz/		33.0 GHz
~	SCPI Recorder: A	utomatic Mode active		🔻 Ready	28.09.2020 23:53:54

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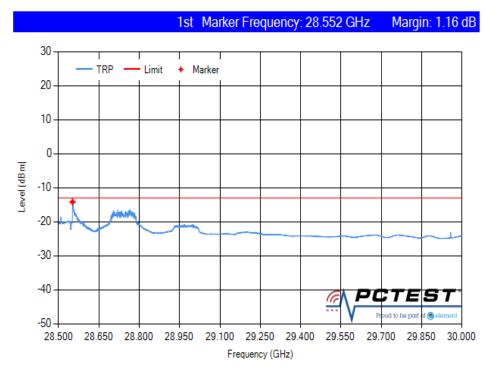


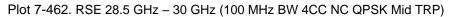


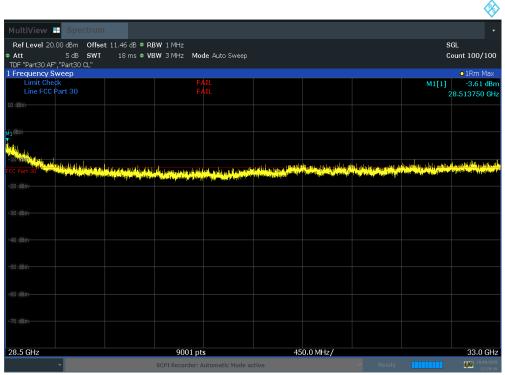
Final)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 460
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 292 of 469
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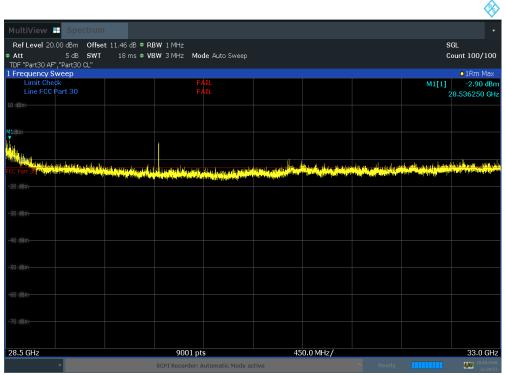
Plot 7-463. RSE 28.5 GHz - 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 202 of 460
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 293 of 469
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Ref Level 20:00 dbm Offset 11.46 db = RBW 1 MHz SGL Att 5 db SWT 18 ms = VBW 3 MHz Mode Auto Sweep -1Pm Avg D/P "Part30 AP","Part30 AP"," - <th></th> <th></th> <th></th> <th></th> <th></th>					
Att 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF*Part30 AF************************************	MultiView 🖶 Spectrum				•
Att 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF*Part30 AF************************************	RefLevel 20.00 dBm Offset 11.46	dB ● RBW 1 MHz			SGL
Frequency Sweep 0.18m Avg Limit Check M1[1] -11.98 dBm Limit Check R41L M1[1] 0 dm R41L R41L 0 dm R4					
Limit Check FAIL M1[1] -11.98 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	TDF "Part30 AF","Part30 CL"				
Line FCC Part 30 FAIL 28.545740 GHz 28.545740 GHz 28.545740 GHz 28.545740 GHz 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
a.m. Yeb area 28.345/40 GHz 0 dBm a.m. Yeb area 1 dBm a.m. Yeb area 20 dBm a.m. Yeb area 30 dBm a.m. Yeb area 40 dBm a.m. Yeb area 50 dBm a.m. Yeb area 60 dBm a.m. Yeb area 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz		FAIL		M1[
1 dam 4 dam 30 dam 60 dam 70 dam 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					28.545740 GHz
04 dtm 1 <td>10 dBm</td> <td></td> <td></td> <td></td> <td></td>	10 dBm				
01 01 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
20 dtm 30 dtm 40 dtm 1					
20 dtm 30 dtm 40 dtm 1					
20 dtm 30 dtm 40 dtm 1	M1 _{1 dDm}				
30 dbm 40 dbm 50 dbm 60 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
30 dbm 40 dbm 50 dbm 60 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	- CCMART 3U				
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-20 dBm		and the second		
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-30 dBm				
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
50 dBm- 60 dbm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
60 d8m- 70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-40 dBm				
60 d8m- 70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-50 dBm-				
70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-6U dBm-				
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
SCPI Recorder: Automatic Mode active Ready Ready Ready Ready	28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
	*	SCPI Recorder: Automatic Mode a	active		28.09.2020

Plot 7-464. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45, Final)



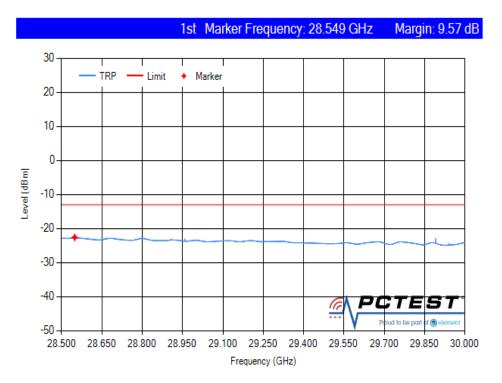
Plot 7-465. RSE 28.5 GHz - 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135)

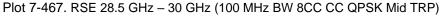
FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 004 af 400
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 294 of 469
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Ref Level 20:00 dbm Offset 11.46 db ® RBW 1 MHz SGL Att 5 db SWT 18 ms ® VBW 3 MHz Mode Auto Sweep •18 m Avg TDF "part30 AF", "Part30 CL" •18 m Avg •18 m Avg •18 m Avg Linnit Check FAIL M2[1] -12.81 dBm 28.539250 GHz 0 dbm M1[1] -61.00 Avg M1[1] -61.00 Avg 0 dbm M1[1] -61.00 Avg 98.539250 GHz 29.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg -61.00 Avg -61.00 Avg -61.00 Avg 0 dbm M1[1] -61.00 Avg -61.00 Avg -61.00 Avg -61.00 Avg 0 dbm M1[1] -61.00 Avg -61.00 Avg -61.00 Avg -61.00 Avg 0 dbm M1[1] -61.00 Avg -				
Att 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF*Part30 AF*** FAIL M2[1] -12.81 dBm 28.539250 GHz Limit Check FAIL 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -12.81 dBm 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -10.61 dBm 28.539250 GHz 29.891100 GHz 29.891100 GHz 0 dBm M1 -10.61 dBm 29.891100 GHz 29.891100 GHz 29.891100 GHz 29.891100 GHz 20.61 dBm 29.61 dBm 20.61 dBm	MultiView 🖶 Spectrum			•
Att 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF*Part30 AF*** FAIL M2[1] -12.81 dBm 28.539250 GHz Limit Check FAIL 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -12.81 dBm 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -10.61 dBm 28.539250 GHz 29.891100 GHz 29.891100 GHz 0 dBm M1 -10.61 dBm 29.891100 GHz 29.891100 GHz 29.891100 GHz 29.891100 GHz 20.61 dBm 29.61 dBm 20.61 dBm	Ref Level 20.00 dBm Offset 1:	1.46 dB ● RBW 1 MHz		SGL
If Fequency Sweep 0.18m Avg Limit Check FAIL M2[1] -12.81 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz		18 ms • VBW 3 MHz Mode Auto Sweep		Count 100/100
Limit Check Line FCC Part 30 FAIL FAIL BAIL FAIL FAIL FAIL FAIL FAIL FAIL FAIL F				1 Dm Ava
Line FCC Part 30 FAIL 28.539250 GHz MI111 -6.10 dBm 29.891100 GHz 29.891	Limit Check	FÁIL		
29.891100 GHz 1 dm 1 dm 1 dm 20 dm 30 dm 40 dm 50 dm 60 dm 70 dm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	Line FCC Part 30			
h dan har han har	10 dBm			
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1 1	0 dBm			
20 dbm 20 dbm 30 dbm 20 dbm 40 dbm 20 dbm 50 dbm 20 dbm 40 dbm 20 dbm 50 dbm 20 dbm 60 dbm 20 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz		MI		
30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	M20 dBm			
30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	PCC Part β0			
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-20 dBm-		and the second s	
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-30 dBm-			
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-50 dBm			
70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-60 dBm-			
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
	-70 dBm			
	28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz
SOFT Recorder. Automatic mode active Ready Ready analysis	*	SCPI Recorder: Automatic Mode acti		

Plot 7-466. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135, Final)



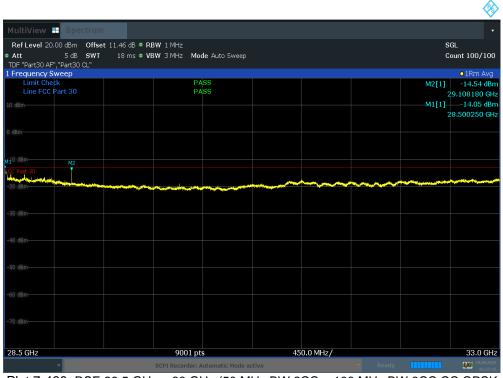


FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 005 of 400
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 295 of 469
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MultiView 🗄 Spectrum				
Ref Level 20.00 dBm Offset 11.46 dB • F	RBW 1 MHz			SGL
	BW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" . Frequency Sweep				• 1Rm Max
Limit Check	FAIL		M1[1	
Line FCC Part 30				28.511250 GH
No stale				
	and an instant of the set of these of the set of the se		a start and a start of the star	ter a legalista in legal a la sera
da dala anti da		and a second	and the particular of the second s	
20 dBm-				
30 dBm-				
50 dBm				
70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GH
	SCPI Recorder: Automatic Mode a	ctive		29.09.202

Plot 7-468. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 45)



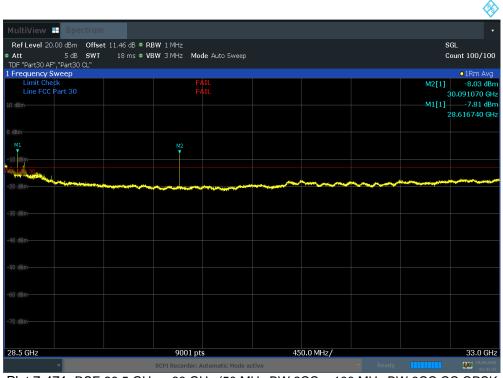
Plot 7-469. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 400
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 296 of 469
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Ref Level 20:00 dbm Offiset 11:45 db 8 RBW 1 MHz SGL Att 5 db SWT 18 ms VBW 3 MHz Mode Auto Sweep Count 100/100 DF 'bart30 AF, ''PArt300 CL' FAIL M1[1] 0.79 dB 0.79 dB Linit Check FAIL M1[1] 0.79 dB 28.654730 GF Uinit Check FAIL M1[1] 0.79 dB 28.654730 GF Mine M1[1] 0.79 dB 28.654730 GF 0.79 dB Mine M1[1] 0.79 dB 28.654730 GF 0.79 dB Mine Mine M1[1] 0.79 dB 28.654730 GF Mine Mine Mine M1[1] 0.79 dB Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine					
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DF "Part30 AF" "Part30 CL" O IRm Max Frequency Sweep O IRm Max Linit Check FAIL M1[1] 0.79 dBr Umit Check FAIL M1[1] 0.79 dBr CB "Part30 AF" "Part30 CL" M1[1] 0.79 dBr 28.654730 CF dBm And the state of the state	Ref Level 20.00 dBm Offset 11.46 d	3 • RBW 1 MHz			SGL
Frequency Sweep • IRm Max Limit Check FAIL M1(1) 0.79 dBr dBm Image: Strength of the strengh of the strength of the strength of the strengt of t	Att 5dB SWT 18m	s • VBW 3 MHz Mode Auto Sweep			Count 100/100
Limit Check Line FCC Part 30 H1 H1 H1 H1 H1 H1 H1 H1 H1 H1	TDF "Part30 AF","Part30 CL"				
Line FCC Part 30 FAIL 28.654730 GF dBm 28.654730 GF 28.654730 GF M1 1<		E A D			
dim 2000-17.50 M H1 1		FAIL		MIL	
M1 Image: Constraint of the second of th					28,654730 GF
20 4	U dBm				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	M1				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH) dBm				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	ANN AL.				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	dia and				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	TO Part 30	international test of the contract of the contract of the second second second second second second second second		abert alt experience and test the date of the	وربيها اللغار وجعارات والارد
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0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 d8m 0 d8m 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 d8m 0 d8m 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	60 dBm				
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
	70 dBm				
	28 5 GHz	9001 pts	450.0 MHz/		33.0.6H
SCPI Recorder: Automatic Mode active Ready 2001.202				Ready	

Plot 7-470. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 135)



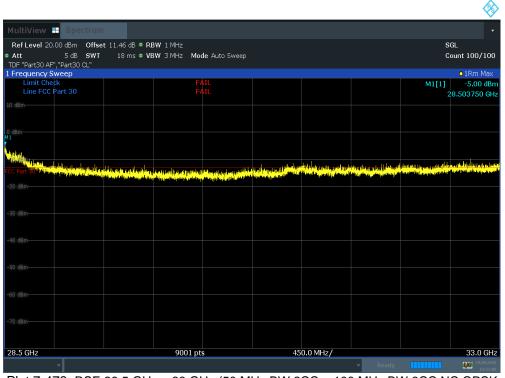
Plot 7-471. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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1st Marker Frequency: 28.617 GHz Margin: 7.72 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 -30 -40 PCTEST G ud to be po 0 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)

Plot 7-472. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid TRP)



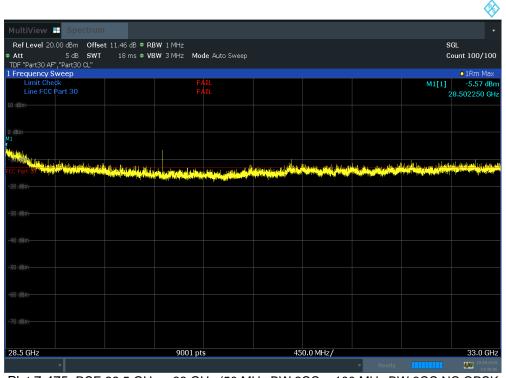
Plot 7-473. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 298 of 469
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MultiView 🕂 Spectrum				•
Ref Level 20.00 dBm Offset 11.	46 dB ● RBW 1 MHz			SGL
	18 ms • VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF", "Part30 CL"				
1 Frequency Sweep Limit Check	EATI			• 1Rm Avg 41[1] -12.39 dBm
Line FCC Part 30	FAIL		n	41[1] -12.39 dBm 28.515750 GHz
10 dBm				201010700 0112
0 dBm-				
M10 dBm				
PRGRart 30				
-20 dBm		and the second designed and the second designed and the second designed and the second designed and the second		
-40 dBm				
-50 dBm				
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
28.3 612	9001 pts	400.0 MHZ/		
The second se			👻 Ready	29.09.2020 14:33:21

Plot 7-474. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45, Final)



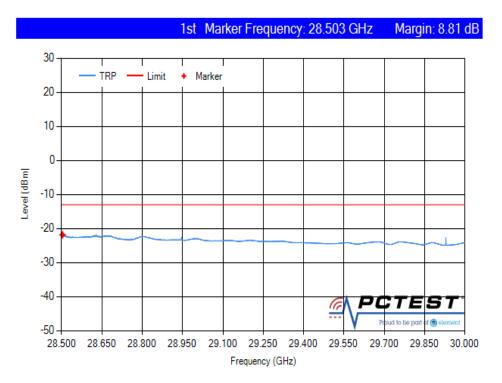
Plot 7-475. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 460
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MultiView 🖶 Spectrum			•
Ref Level 20.00 dBm Offset 11.46	dB • RBW 1 MHz		SGL
	ms • VBW 3 MHz Mode Auto Sweep		Count 100/100
TDF "Part30 AF", "Part30 CL"			
1 Frequency Sweep Limit Check	FÁTI		• 1Rm Avg M2[1] -11.45 dBm
Line FCC Part 30	FAIL FAIL		28.515750 GHz
10 dBm-			M1[1] -9.81 dBm
			29.928590 GHz
0 dBm			
M2 -10 dBm			
Fückbart 30			
-20 dBm			
-30 dBm			
-40 dBm			
-50 dBm-			
-60 dBm-			
-70 dBm			
28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz
		▼ Read	y 29.09.2020 14:40:35

Plot 7-476. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 135, Final)



Plot 7-477. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid TRP)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 460
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						~
MultiView 😐 Spectrum						
Ref Level 20.00 dBm Offset						GL
Att 5 dB SWT TDF "Part30 AF","Part30 CL"	18 ms • VBW 3 MHz Moo	le Auto Sweep			C	ount 100/100
Frequency Sweep						o 1Rm Max
Limit Check Line FCC Part 30	F/				M1[1]	-7.04 dB
					2	8.527750 GF
dBm-						
la .						
Which is a shad to be a state of the second st			والملاءر والمرجعة الألوانية والم	فوسانا وليروأن والمراولات	والمعادير والمراجع والمتلك فالله	daalaa digaa jii aasi
C Part 30 Provide and dealer the dealer of the second second second second second second second second second s			a state of the second	الربية الألالي أتترج معادي بالأدافي	and different spectra and	ing, alighter and a fighter of
20 dBm						
28.5 GHz	9001 pts		450.0 MHz/			33.0 GH
	9001 pt	3	430.0 MHZ/			33.0 GF

Plot 7-478. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 45)



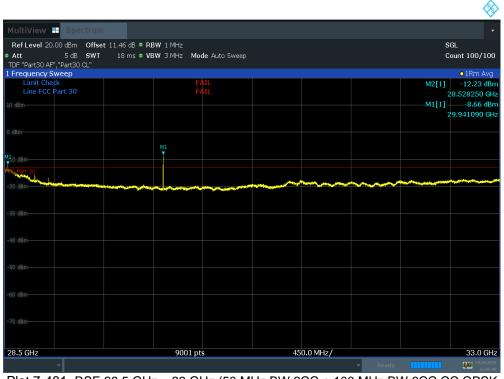
Plot 7-479. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 201 of 460
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MultiView 😐 Spectru	m				•
Ref Level 20.00 dBm Offs	set 11.46 dB 🗢 RBW 1 MHz				SGL
Att 5dB SW		de Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL"					
1 Frequency Sweep Limit Check	F/				• 1Rm Max M1[1] -4.59 dBm
Line FCC Part 30		AIL .			28.538750 GHz
n dBm					
41					
in the second					
The state of the second s		I I I I I I I I I I I I I I I I I I I	والعمر للقيع وورالي والمختلف وطنار	والتفعظة فقاوهم والأور والشاور وكالله	ووز ومحمد ومقلومات فمراليك مزور المربوران
CC Part 30 Mars No heads and build a los	ten dia salah salah sa salah sala		Allow Million and the shake in the	Little and an end of the state of the state	in a second second state of the second s
-40 dBm					
-50 dBm-					
-60 dBm					
28.5 GHz	9001 pt	s	450.0 MHz/		33.0 GHz
-	9001 pt	·	1501011112/	• Ready	29.09.2020
ľ.				Reduy	12:04:32

Plot 7-480. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 135)



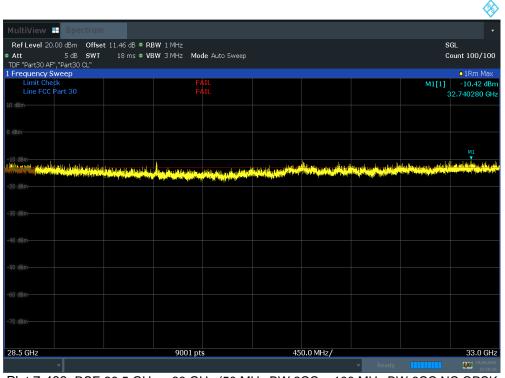
Plot 7-481. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 460
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1st Marker Frequency: 29.941 GHz Margin: 9.76 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 ÷ -30 -40 PCTEST G ud to be po 0 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)

Plot 7-482. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid TRP)



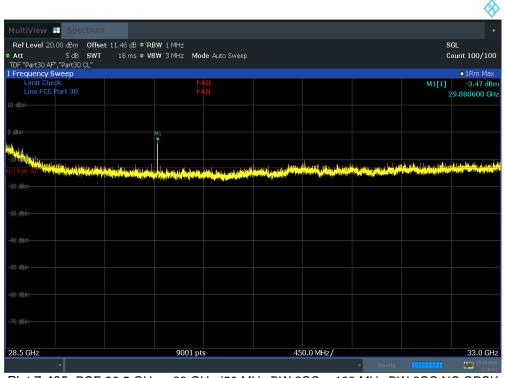
Plot 7-483. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 202 of 402
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				(4)
MultiView 🗄 Spectrun	n			
Ref Level 20.00 dBm Offse	et 11.46 dB • RBW 1 MHz			SGL
Att 5 dB SWT	18 m s ● VBW 3 MHz Mod	le Auto Sweep		Count 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep				•1Rm Avg
Limit Check	PA PA	SS		M1[1] -13.97 dBr
Line FCC Part 30	PA	SS		29.880600 GH
-10 dBm	M1			
	MI			
-20 dBm	de seu en tra			and the second
-20 UBII				
28.5 GHz	9001 pts		450.0 MHz/	33.0 GH:
			~	Ready 29.09.202 15:50:4

Plot 7-484. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 45, Final)



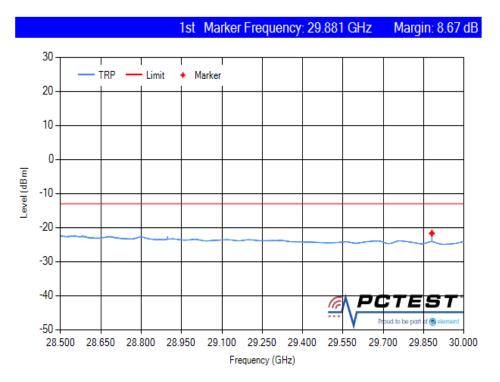
Plot 7-485. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 204 of 460
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MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 11.	.46 dB • RBW 1 MHz			SGL
●Att 5dB SWT	18 ms • VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL"				
1 Frequency Sweep Limit Check	EÁTI			•1Rm Avg [2[1] -11.27 dBm
Line FCC Part 30				28.502250 GHz
10 dBm-			M	1[1] -6.16 dBm
				29.880600 GHz
0 dBm-				
o don	M1			
M2				
M2 7-10 dBm				
FCC Rept130				
-20 dBm		and the second designed and th		
-30 dBm				
-40 dBm				
40 dbm				
-50 dBm				
-60 dBm				
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
~			🔻 Ready	29.09.2020 15:42:37

Plot 7-486. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 135, Final)



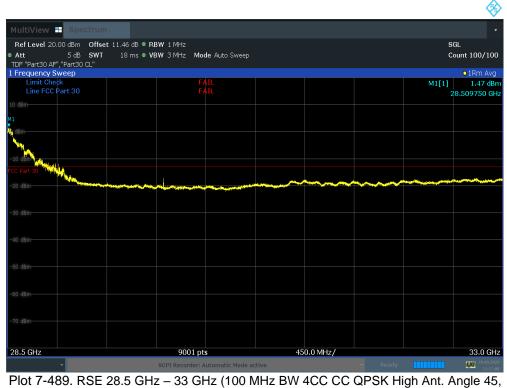
Plot 7-487. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid TRP)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 205 of 460
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MultiView 🕂 Spectrum					•
RefLevel 20.00 dBm Offse Att 5 dB SWT	t 11.46 dB ● RBW 1 MHz 18 ms ● VBW 3 MHz Mo	de Auto Sweep			SGL Count 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep					•1Rm Max
Limit Check M1 Line FCC Part 30	F	41L 41L		M1[
-10 dBm					
FCC Part 30					, provinsi provinsi kanga k Kanga kanga kang Kanga kanga kang
-30 dBm-					
-40 dBm-					
-60 dBm					
28.5 GHz	9001 pt	s	450.0 MHz/		33.0 GHz
~		Automatic Mode active		Ready	





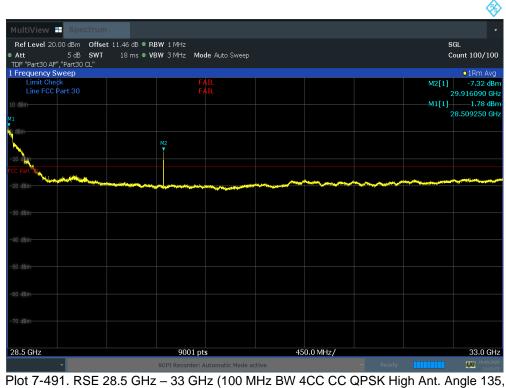
Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 206 of 460
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MultiView 🕂 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 d	IB • RBW 1 MHz			SGL
Att 5dB SWT 18m	ns • VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF", "Part30 CL"				
l Frequency Sweep Limit Check	EAT			• 1Rm Max [1] 9.64 dBm
Line FCC Part 30	FAIL		M1	28.523750 GHz
11 0 dBm				201020700 0112
Mar				
-10 dBm-				فرادا ورجاداريه إيرماس وارج
CC Part 30				
-20 dBm		internet and the second s		
-30 dBm				
-40 dBm				
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
*	SCPI Recorder: Automatic Mode a	active	• Ready	28.09.2020

Plot 7-490. RSE 28.5 GHz - 33 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 135)

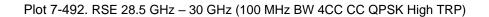


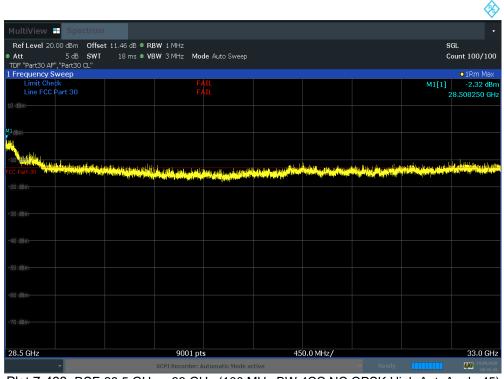
Final)

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 207 of 460
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1st Marker Frequency: 28.507 GHz Margin: 4.19 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 1 -30 -40 PCTEST G ud to be po • -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)





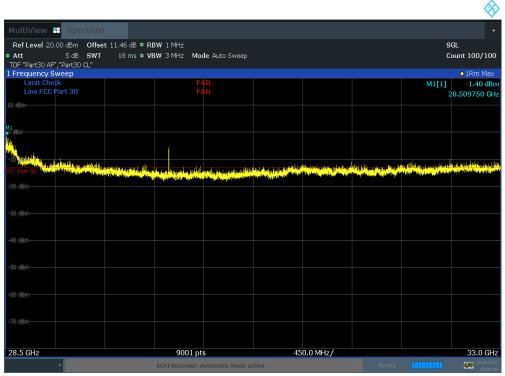
Plot 7-493. RSE 28.5 GHz - 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 200 of 400
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MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 dB =	RBW 1 MHz			SGL
	VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL"				
1 Frequency Sweep Limit Check	5 40			•1Rm Avg
Limit Check Line FCC Part 30	FAIL		N	41[1] -9.30 dBm 28.508750 GHz
10 dBm				28,508750 GHZ
0 dBm				
41				
10 dBm				
CC Nart 30				
-20 dBm-		and the second designed to the second designe		
-30 dBm				
-50 dBm				
	0004			
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
*	SCPI Recorder: Automatic Mode	active	🔻 Ready	29.09.2020 00:35:51

Plot 7-494. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45, Final)



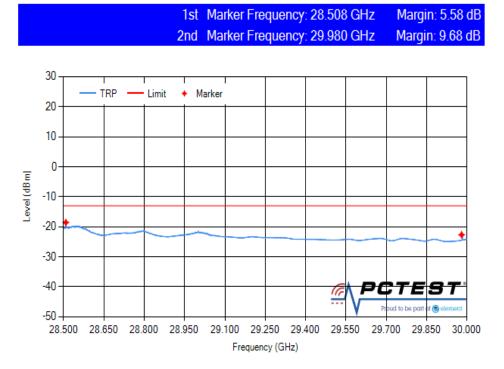
Plot 7-495. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135)

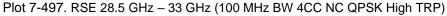
FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 200 of 460
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MultiView 📰 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 dB •	RBW 1 MHz			SGL
	/BW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF", "Part30 CL"				
1 Frequency Sweep Limit Check	FÁTI		M2[1]	• 1Rm Avg -9.64 dBm
Line FCC Part 30	FAIL		WZ[1]	29,983090 GHz
10 dBm			M1[1]	
				28.508250 GHz
0 dBm-				
M1				
	M2			
-10 dBm				
FCC Part 30				
-20 dBm-	a second and the second se	and the second	and the second s	
-30 dBm-				
-40 dBm-				
- Ho doin				
-50 dBm-				
-60 dBm-				
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive	🔹 Ready	29.09.2020 00:26:54

Plot 7-496. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135, Final)



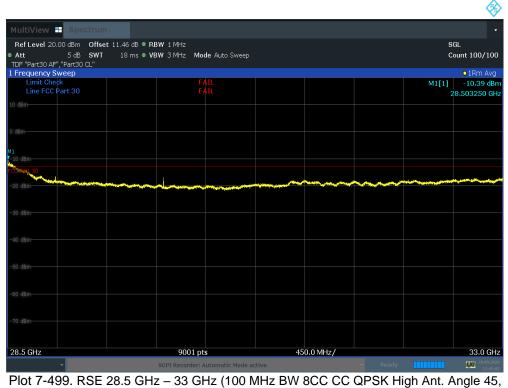


FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 240 of 400
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					(*)
MultiView 🖿 Spectrum					•
Ref Level 20.00 dBm Offset	t 11.46 dB • RBW 1 MHz				SGL
Att 5dB SWT	18 m s o VBW 3 MHz Moo	de Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep					●1Rm Max
Limit Check	F/	IL			M1[1] 0.31 dBm
Line FCC Part 30		AIL			28.573740 GHz
М1					
0 Bm					
din.					
- 1 (1 Minute h					
CC Part 30 PURISHING FOR A STREET	in a substant of the substant	الالاردية أحاطها إبرياد وارد ورابا والقله		in Mension Attack in the Maria	n La traduction and an air faith
-20 dBm-	Manufacture of the state of a sta	discipline, a line difficient of the second of the second of	and a second sec	dimension and a second	
-20 UBM					
-30 dBm					
28.5 GHz	9001 pt	s	450.0 MHz/		33.0 GHz
	SCPI Recorder: A	utomatic Mode active			28.09.2020 22:44:57





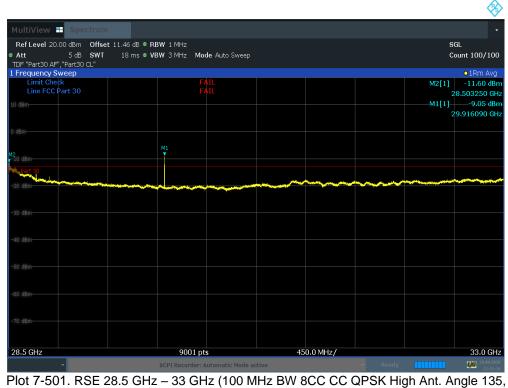
Final)

FCC ID: A3LAT1K04-B10	PCTEST*	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 211 of 460
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Ref Level 20.00 dm Offset 11.46 db RBW 1 MHz SGL Att 5 db SWT 18 ms VBW 3 MHz Mode Auto Sweep Count 100/100 The requency Sweep					
Att 5 d8 SWT 18 ms • VBW 3 MHz Mode Auto Sweep Count 100/100 DF "Part30 AF", "Part30 AC"	MultiView 🕂 Spectrum				•
Att 5 d8 SWT 18 ms • VBW 3 MHz Mode Auto Sweep Count 100/100 DF "Part30 AF", "Part30 AC"	Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz			SGL
Frequency Sweep • 1Rm Max Limit Check M1[1] -2.43 dBn 0 dBn 28.528250 GHz 28.528250 GHz 0 dBn 20 dBn 20 dBn 20 dBn 30 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20 dBn 20	Att 5 dB SWT		eep		
Limit Check FAIL M1[1] 2.43 dBn 0 dBm 0 dBm	TDF "Part30 AF","Part30 CL"				
Line FCC Part 30 FAIL 28.528250 GH. 0 d8m		FÁTI		M1[1]	
0 dBm 1 <td>Line FCC Part 30</td> <td></td> <td></td> <td></td> <td></td>	Line FCC Part 30				
1 1	.0 dBm				
1 1					
1 1	dam				
30 dbm 30 dbm 30 dbm 40 dbm 50 dbm 50 dbm 60 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
30 dbm 30 dbm 30 dbm 40 dbm 50 dbm 50 dbm 60 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	Ballant .				
30 dbm 30 dbm 30 dbm 40 dbm 50 dbm 50 dbm 60 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	and the state of t		توالنان ومناجزته بالمتنا بالمناجر والمناجر والمراجع	والمتعالية والمتعاقفة أعطيك والمراجع والمتعادية	ند <u>ر بايادر ، وتقاميراً از ردانان</u>
30 dbm 30 dbm 30 dbm 40 dbm 50 dbm 50 dbm 60 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	C Part 30 15 Part Automatic Part 30 15 Part 30		a decision of the second s	the state of the s	
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	40 dBm				
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	50 dBm				
70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	60 dBm				
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
	28.5 GHz	9001 pts	450.0 MHz/		33.0 GH:
			· · · · ·	Ready	28.09.2020

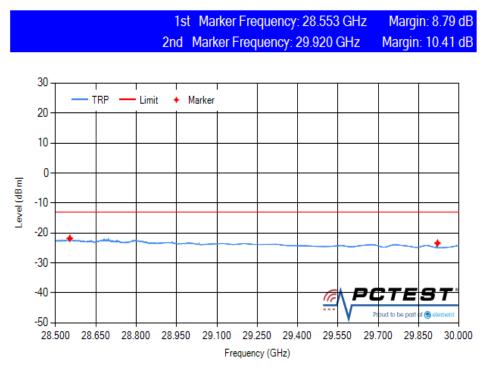


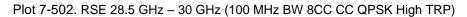


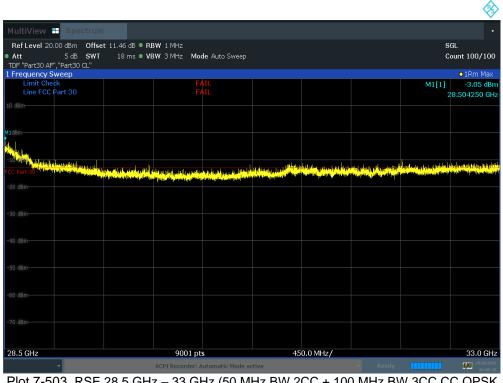
Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Sлмsung	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 212 of 460
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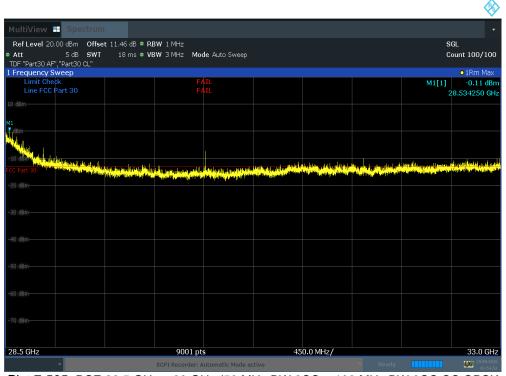
Plot 7-503. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 212 of 460
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MultiView 🖶 Spectrum				•
RefLevel 20.00 dBm Offset 11.4	46 dB • RBW 1 MHz			SGL
	8 ms • VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep				•1Rm Avg
Limit Check	FÁIL FAIL		M2[
Line FCC Part 30	FAIL			29.333160 GHz
			M1[1] -8.11 dBm 28.595740 GHz
				28.393740 012
M1				
10 dBmM2				
FCC MAIN 30				
-20 dBm	والمستحين والمراجع والمراجعة المراجعة والمستعدين فالمحمد والمحمد والمحمد والمحمد والمحمد والمحمد والمحمد والمحمد	and the second sec		
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive	🔻 Ready	29.09.2020 02:06:04

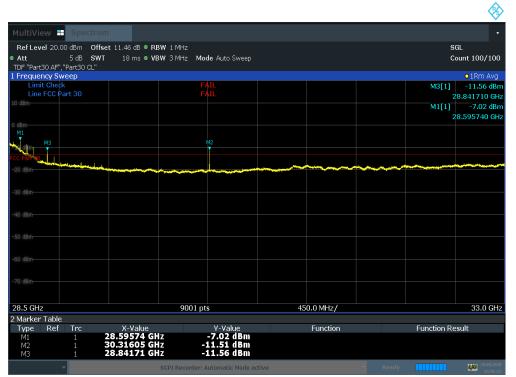
Plot 7-504. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 45, Final)



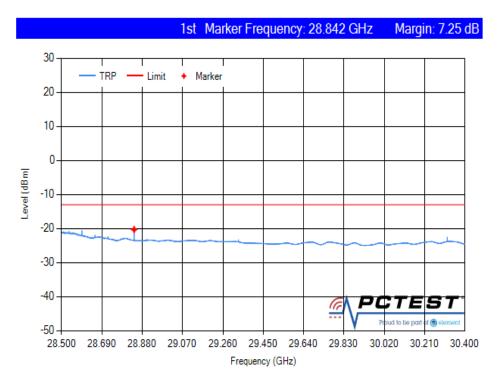
Plot 7-505. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 135)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 214 of 460
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Plot 7-506. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 135, Final)



Plot 7-507. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High TRP)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 215 of 460
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MultiView 🔲 Spectrum					•
Ref Level 20.00 dBm Offset	11.46 dB ● BBW 1.MHz				SGL
Att 5 dB SWT	18 ms • VBW 3 MHz Moo	le Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL"					
Frequency Sweep		7			• 1Rm Max
Limit Check Line FCC Part 30	FA E/				M1[1] 2.65 dBn
					28.507250 GH
dBm					
tan in					
Maria and a second s					
10 UBM TO THE LANDAR MUSICAL AND AND AND A			المادين والتعريك والطريل المحي	فللجر الثالي ووائك وسناهج أرثما وبراعفاه	المحقق فراطنه والمتعرف الملاح وتروقا وعرفه والمتعاقف الملا
C Dan au			A STATE OF THE OWNER	الألبي فسراعتي والاسريان مالتلي إيطاعاته ويعاالك	i ti di kana da kana kana kana kana kana kana k
30 dBm					
40 dBm					
60 dBm					
OU UBIII					
28.5 GHz	9001 pts	5	450.0 MHz/		33.0 GHz
				▼ Ready	29.09.2020

Plot 7-508. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 45)



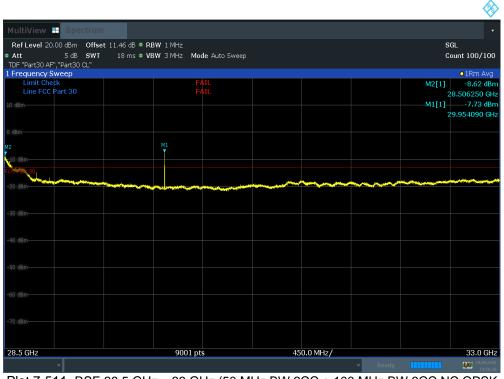
Plot 7-509. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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MultiView 😁 Spectru	um						
Ref Level 20.00 dBm Of	fset 11.46 dB 🔍 RBW 1 MHz					so	GL.
Att 5dB SW	VT 18 m s ● VBW/ 3 MHz I	Mode Auto Sweep				Co	ount 100/100
TDF "Part30 AF","Part30 CL" Frequency Sweep							• 1Rm Max
Limit Check		FAIL				M1[1]	2.14 dBr
Line FCC Part 30							8.500250 GF
1 a							
		to a drug of the should	المتعادية والمتعادية	a distant agreeming this from a		والما مرجع وبادارا ورواديا مردها	يدريل بارته عطفين
C Part all Show of Applicity			all and a start of the start	With Mathing and Provident and	Strategy and the second second	التعاقلين ورويه وورقاقا والا	در اندادهم بالانمالي البادري
20 dBm							
40 dBm							
50 dBm							
28.5 GHz	9001	pts	45	0.0 MHz/			33.0 GH
~					▼ Ready		29.09.202

Plot 7-510. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 135)



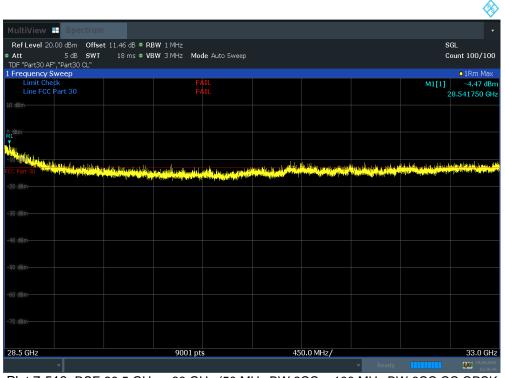
Plot 7-511. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 217 of 460
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1st Marker Frequency: 28.502 GHz Margin: 8.64 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 -30 -40 PCTEST G ud to be po 0 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)

Plot 7-512. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High TRP)



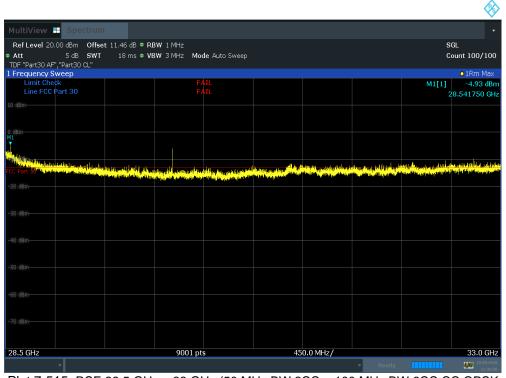
Plot 7-513. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 249 of 460
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MultiView 🖶 Spectrum						•
Ref Level 20.00 dBm Offset 11.46 dB • RB	W 1 MHz				SGL	
	W 3 MHz Mode Auto Sweep				Count 100	0/100
TDF "Part30 AF","Part30 CL"						
1 Frequency Sweep	E (1)				●1Rn	
Limit Check Line FCC Part 30	FAIL FAIL					5 dBm
					28.5417	50 GHz
10 dBm						
0 dBm						
M1 -10 dBm						
-20 dBm		And the supplement of the supp				
-30 dBm-						
-40 dBm-						
-50 dBm-						
-60 dBm-						
-ou-uom						
-70 dBm						
	0001					0.011
28.5 GHz	9001 pts	450).0 MHz/			0 GHz
▽				▼ Ready	1 00	12:36:57

Plot 7-514. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 45, Final)



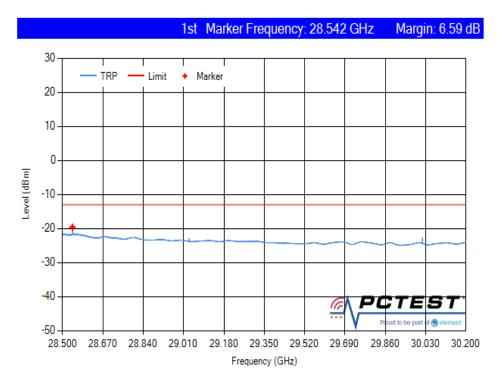
Plot 7-515. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 135)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 210 of 460
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MultiView 🖬 Spectrum			
Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz		SGL
● Att 5 dB SWT	18 ms • VBW 3 MHz Mode Auto Sweep		 Count 100/100
TDF "Part30 AF","Part30 CL"			
1 Frequency Sweep Limit Check	EATI		• 1Rm Avg M2[1] -9.44 dBm
Line FCC Part 30	FAIL		M2[1] -9.44 dBm 30.016080 GHz
10 dBm			M1[1]8.97 dBm
10 4011			28.541750 GHz
0 dBm			
M1			
-10 dBm			
Mic Part 30			
-20 dBm	فالمؤالي ومداور والمراجع والمحاجب والموالي المرجع والموالي ومراجع المحاج والمحاجب والمحاجات	and the second	
-30 dBm			
-30 080			
-40 dBm			
-50 dBm			
-60 dBm-			
or dom			
-70 dBm			
28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz
			▼ Ready 20.09.2020
			12:45:21

Plot 7-516. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 135, Final)



Plot 7-517. RSE 28.5 GHz – 30.2 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High TRP

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 460	
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MultiView 🖶 Spectrum							•
Ref Level 20.00 dBm Offset	t 11.46 dB • RBW 1 MHz					S	GL
●Att 5dB SWT	18 ms • VBW 3 MHz Mo	de Auto Sweep				C	ount 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep							o1Rm Max
Limit Check	F/	AIL AIL				M1[1]	-2.32 dBm
Line FCC Part 30		AIL					8.542250 GHz
MJBm-							
-10 Son Linear							line and a start of the
FCC Part 30	(Alifernia and Marill good as particles and superior provided by A subscription of the particle of the superior of the particle of the superior of the superi	and an in the second second					
-20 dBm	A REAL PROPERTY AND A REAL	a state of the second					
-30 dBm							
-40 dBm							
-50 dBm-							
-60 dBm							
-70 dBm-							
28.5 GHz	9001 pt	s	45	0.0 MHz/			33.0 GHz
~					▼ Ready		29.09.2020 16:04:31

Plot 7-518. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 45)



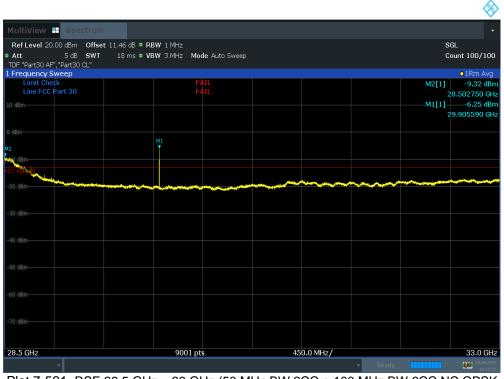
Plot 7-519. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 221 of 460
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MultiView 🕂 Spectrum							•
Ref Level 20.00 dBm Offset	: 11.46.dB. ● RBW: 1.MHz					S	31
Att 5dB SWT	18 ms • VBW 3 MHz Mo	de Auto Sweep					ount 100/100
TDF "Part30 AF","Part30 CL"							
I Frequency Sweep				1			o1Rm Max
Limit Check Line FCC Part 30		AIL ATI				M1[1]	-0.90 dBn
						2	8.542250 GH
41 7 dBm							
TO OBINITY IN THE REAL PROPERTY AND		di di di di di di	مرابلا بمرجع ومعالله والمرابع	and the second second second	and and the other states of the	مساهل بيريايه وينهد فيعينه	and a state of the s
.C. Part 30 with shists hill participal.				أخرى ومنافل وروساه ألحر بتدأة فأنتخذها	الريامين وللور وحامروانا	and the second secon	wite one tille way i
30 dBm							
40 dBm							
60 dBm							
00.0011							
28.5 GHz	9001 pt	s	45	0.0 MHz/			33.0 GHz
~					▼ Ready		29.09.2020 16:14:48

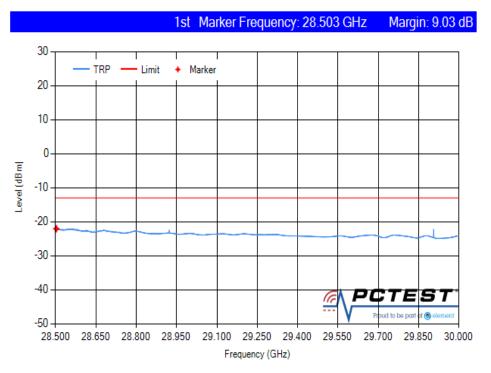
Plot 7-520. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 135)



Plot 7-521. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 322 of 469
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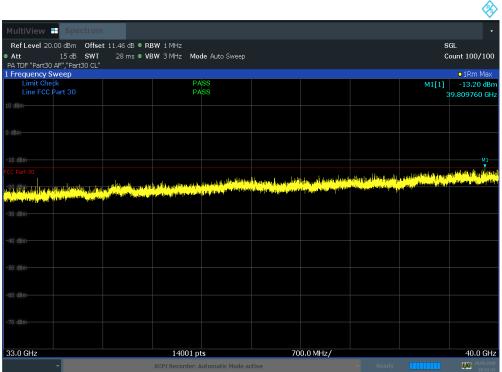


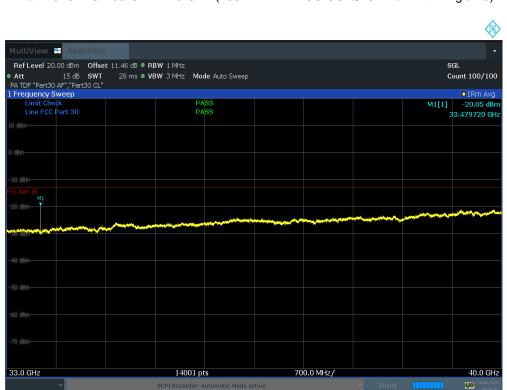
Plot 7-522. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High TRP)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Page 323 of 469
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7.5.5 Radiated Spurious Emissions Plots (33 GHz to 40 GHz)





Plot 7-523. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45)

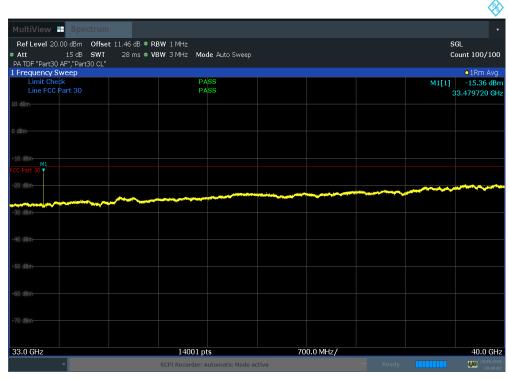
Plot 7-524. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45. Final)

FCC ID: A3LAT1K04-B10	PCTEST. Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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MultiView 🖶 Spectrum				•
RefLevel 20.00 dBm Offset 11.46 dB • I	RBW 1 MHz /BW 3 MHz Mode Auto Sweep			SGL Count 100/100
I Frequency Sweep				• 1Rm Max
Limit Check Line FCC Part 30	FÁIL FÁIL		M1	
D dBm				
CC Part 30	an an an an an an an tai an an tai an	a di teknik na provinski si kalen se	littelian de main de la littelia de	
		and the state of a log to a log to the state of the state	a di alim anggal partan kan kan kan kan kan kan kan kan kan k	
30 dBm				
40 dBm-				
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
· ·	SCPI Recorder: Automatic Mode a	ctive		28.09.2020





Plot 7-526. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 135. Final)

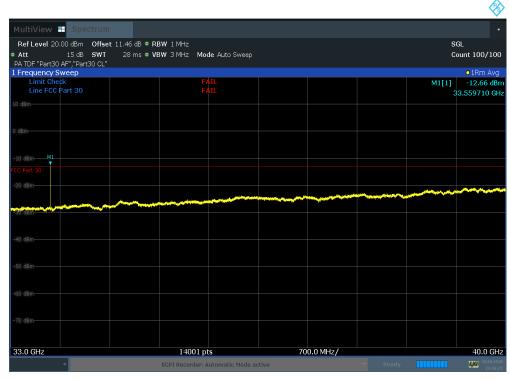
FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 205 of 460
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MultiView 🖶 Spectrum			•
RefLevel 20.00 dBm Offset 11.46 dB • R	BW 1 MHz		SGL
	BW 3 MHz Mode Auto Sweep		Count 100/100
PA TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep			•1Rm Max
Limit Check Line FCC Part 30	FÁIL FÁIL		M1[1] -10.34 dBm 33.559710 GHz
10 dBm-			
M1			
-10 dBm			
CC Part 30	the state of the second difference	ndalari in an	a search air an aite an the state of the search and the search and the state of the state of the state of the s
	in a prime set i bill a setti da se	and the state of the	A COLORED STOLEN ST
anny dick of the state of the			
-30 dBm			
-40 dBm			
-50 dBm-			
-60 dBm			
33.0 GHz	14001 pts	700.0 MHz/	40.0 GHz
•	SCPI Recorder: Automatic Mode a		Ready 28.09.2020

 $\mathbf{\Lambda}$





Plot 7-528. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 45, Final)

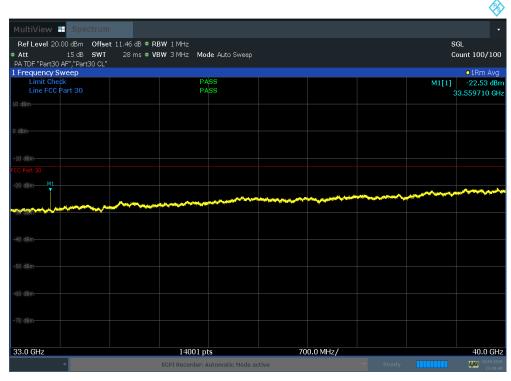
FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 206 of 460
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MultiView 🗄 Spectrum					•
Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz				SGL
Att 15 dB SWT	28 ms • VBW 3 MHz Moo	le Auto Sweep			Count 100/100
PA TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep					•1Rm Max
Limit Check	FA	IL		M1	
Line FCC Part 30	FA				39.958250 GHz
					<u> </u>
		بالعاب الألية المادين	فية الإيدانية المراجع	والمتلأة الأقطار ومحاليهم والحارية	وفال تزريد فتروطأ إربائي يباير
-20 dBm	and have black and a stabilized and so the state			the life is a second life while a party of the second life while and the second life of the second life of the	and the second
the product of the product of the second	an filmen blann an the inference of the filment				
-50 dBm					
-60 dBm					
-70 dBm					
33.0 GHz	14001 pt	s	700.0 MHz/		40.0 GHz
*	SCPI Recorder: A	utomatic Mode active		• Ready	28.09.2020 23:19:36

Δ

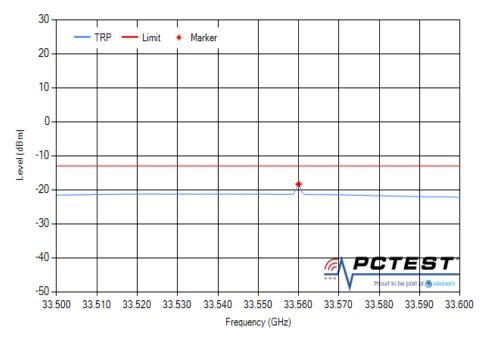


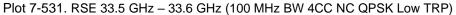


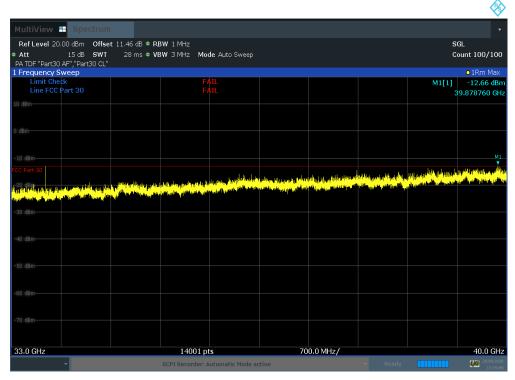
Plot 7-530. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 135 Final)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 327 of 469
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1st Marker Frequency: 33.560 GHz Margin: 5.33 dB







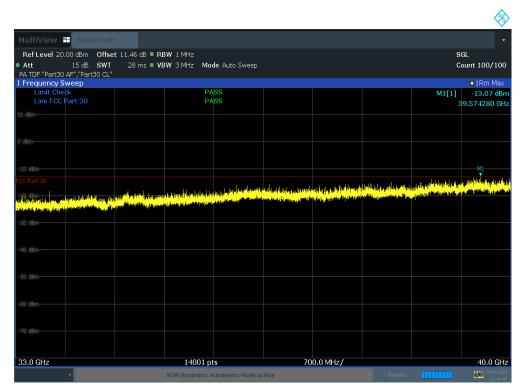
Plot 7-532. RSE 33 GHz - 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 220 of 460
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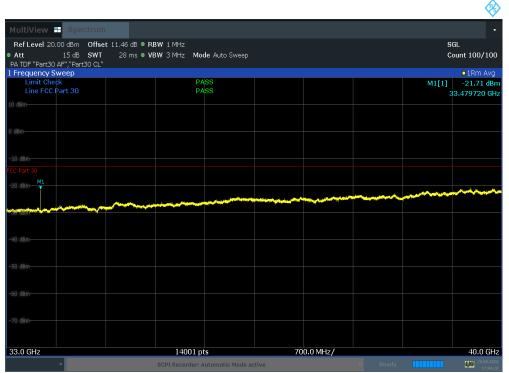
Plot 7-533. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45, Final)



Plot 7-534. RSE 33 GHz - 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 220 of 460
8K20090901-02-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 329 of 469
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Plot 7-535. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135, Final)



Plot 7-536. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 460
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MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 dB • R	RW 1 MHz		SG	1
	/BW 3 MHz Mode Auto Sweep			unt 100/100
PA TDF "Part30 AF","Part30 CL"				
1 Frequency Sweep Limit Check	PASS			•1Rm Avg
Line FCC Part 30	PASS		M1[1]	-20.17 dBm 3.480220 GHz
10 dBm				5,460220 0H2
0 dBm				
-20 dBm-				
		and the second s	man and a second and	
-so-sam-				
-60 dBm				
-70 dBm-				
-70 UBM				
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz

Plot 7-537. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 45, Final)



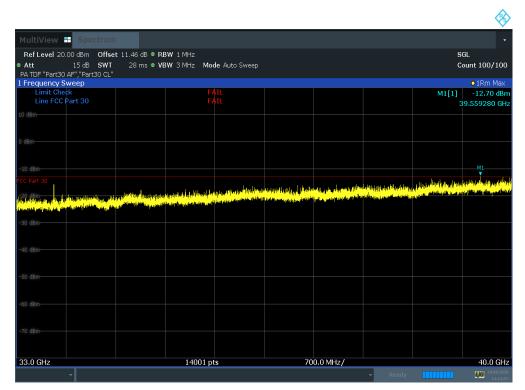
Plot 7-538. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 224 of 460
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MultiView 🔲 Spectrum					
Ref Level 20.00 dBm Offset 1	11.46 dB • RBW 1 MHz			SGL	
Att 15 dB SWT	28 m s • VBW 3 MHz Mo	<b>le</b> Auto Sweep		Cou	nt 100/100
PA TDF "Part30 AF","Part30 CL"					010
1 Frequency Sweep Limit Check	PA	SS		M1[1]	•1Rm Avg -20.54 dBm
Line FCC Part 30		SS			480220 GH
LO dBm-					
) dBm					
10 dBm					
-20 dBm					
				 man and a second second	
and the second sec					
-40 dBm-					
-60 dBm	بر 14001 بر	s	700.0 MHz/		40.0 GHz

Plot 7-539. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 135, Final)



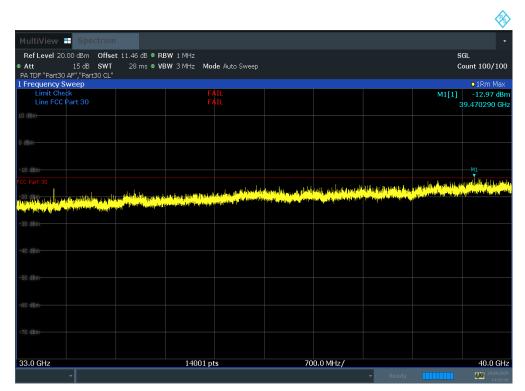
Plot 7-540. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 222 of 460
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Spectrum         SGL           Ref Level 20.00 dbm         Offset 11.46 db ® RBW 1 MHz         SGL           Att         15 db         SWT         28 ms ® VBW 3 MHz         Mode Auto Sweep         Count 100/10           AT DF "Per30 AF", 'Per300 CL"         Frequency Sweep         • IBm Aw         • IBm Aw           Limit Check         PASS         M1[1]         • IB-46 dt         • IBm Aw           dim         I I I I I I I I I I I I I I I I I I I						
Att       15 dB       SWT       28 ms * VBW 3 MHz       Mode Auto Sweep       Count 100/10         ATDF *Par30 AP* *Par30 CP*       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	IultiView 🕂 Spectrum					
A TDF "Part30 AF", "Part30 CL"  A TDF "Part30 AF", "Part30 AFT, "Part30 AF", "Part30 AFT, "P	Ref Level 20.00 dBm Offse	t 11.46 dB • RBW 1 MHz			SGL	
O 18m Av         Limit Check       PASS       M1[1]       -18.46 dt         d8m       A       PASS       33.525210 dt         d8m       A       A       A         0 d8m       A       A       A		28 m s ● VBW 3 MHz M	ode Auto Sweep		Count 100	/10
Limit Check       PASS       M1[1]       -13.46 df         Jdsm       33.525210 df       33.525210 df         dsm       33.						
Line FCC Part 30 PASS 33.525210 G 33.52521			455			
d8m     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1<						
dBm     Image: Constraint of the second of the					00102021	0.01
0 dBm C Part 30 M1 0 dBm 0						
0 dBm C Part 30 M1 0 dBm 0						
C Pert 30 M1 0 dBm 0 dBm						
C Pert 30 M1 0 dBm 0 dBm						
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 14001 pts 700.0 MHz/ 40.0 GH						
0 dBm 0 dBm						
0 dBm 0 dBm	0 dBm					
6 GBm 0 GBm 0 GBm 0 GBm 0 GBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					and the second s	A MARINA
0 dBm 0 dBm 0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	and the second					
0 dBm 0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	ordBin					
0 dBm 0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G	0 dBm					
0.dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
0.dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
🔻 Ready 🚺 🗰 🖬 🗰 🖬						

Plot 7-541. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 45, Final)



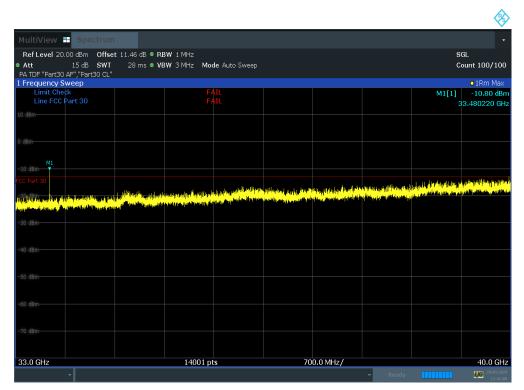
Plot 7-542. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 222 of 460
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				le l
AultiView 🗄 Spectrum				-
Ref Level 20.00 dBm Offset 11.46 dB	• RBW 1 MHz			SGL
	• VBW 3 MHz Mode Auto Sweep			Count 100/100
A TDF "Part30 AF","Part30 CL" Frequency Sweep				•1Rm Avg
Limit Check	PASS			M1[1] -19.88 dBr
Line FCC Part 30	PASS			33.525210 GH
20 dBm				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		^م ەرە بەر بەر بەر بەر بەر بەر بەر بەر بەر	and the second s	
Statistics and a statistic and a				
O dBm				
50 dam-				
i0 d8m	14001 pts	700.0 MHz/		40.0 GH

Plot 7-543. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 135, Final)



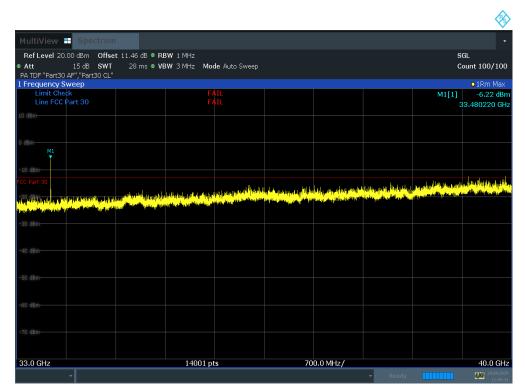
Plot 7-544. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 224 of 460
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MultiView 🔲 Spectru	m				-
Ref Level 20.00 dBm Offs	set 11.46 dB ● RBW 1 MHz				GL
Att 15 dB SW	T 28 m.s ● VBW/3 MHz Mo	ode Auto Sweep		(Count 100/100
PA TDF "Part30 AF", "Part30 Cl					
Frequency Sweep Limit Check		ASS			• 1Rm Avg -16.06 dBr
Line FCC Part 30		ASS		M1[1]	-16.06 dBn 33.480220 GH
0 dBm					33.400220 011
C Part 30 V					
20 dBm					
Lo dem					and the second
ar tilling an	water and the second	and the second			
Sortium					
50 dBm					
60 dBm					
	14001 г	ots	700.0 MHz/	Ready	40.0 GH:

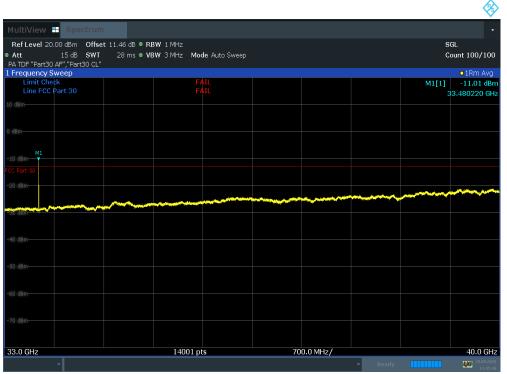
Plot 7-545. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 45, Final)



Plot 7-546. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 135)

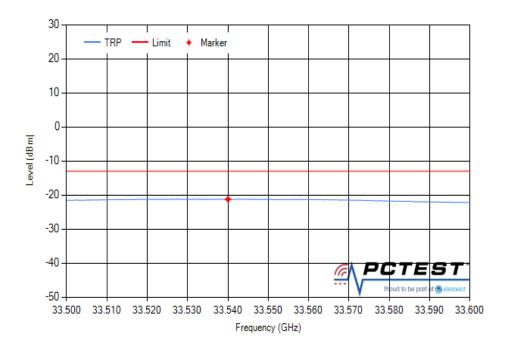
FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 225 of 460
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Plot 7-547. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 135, Final)

1st Marker Frequency: 33.540 GHz Margin: 8.22 dB



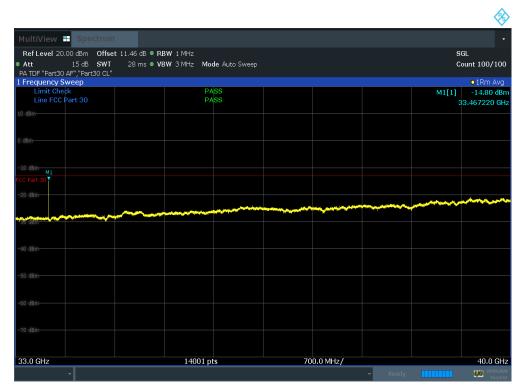
Plot 7-548. RSE 33.5 GHz – 33.6 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low TRP)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 226 of 460
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1ultiView 🛨 Spectrum	1							
Ref Level 20.00 dBm Offse	et 11.46 dB • RB	N/1 MHz					S	GL
Att 15 dB SWT		N/3 MHz Mod	le Auto Sweep				c	ount 100/10
A TDF "Part30 AF","Part30 CL" Frequency Sweep								• 1Rm Max
Limit Check		FA	IL				M1[1]	-12.14 dB
Line FCC Part 30		FA	VIL .					33.467220 GH
10 dBm <u>M1</u>								
C Part 30							tau kakalulu kusati u	فالاربيان الطبقان أأشيريا
			a dah la malikataki sahia	dia di da dia malitari	inky last on distriction			
20 dBm Tuttin a Lite of the second difference		ang baga da polatija Madala da se dita Sa panga gana se dita da panjara ke			in dia kaominina dia kaominina Manjary dia kaominina dia k		ta ita dalamba kanika Kanga kananan ara	
o dem tale des l'histores de findrider son Aufligen als des la des des des des des des gendes anstanden des des des des des des des gendes		nglannak, poktajakterika, energia svojemen armeni tine etnika ker	a an bha an bha a bha an ba			alden van die staat die staat Netwoord die staat die Netwoord die staat di	u diti di terti da barakan Manana di terti da barakan Manana di terti da barakan di t	
20. dBm Telling of Alle Line (1911) Scolar (1919) And an anni Scolar Scolar (1919) Anni (1919) Anni (1919) Anni (1919) Scolar (1919) Anni (1919) Anni (1919) Anni (1919)		uglas ad prikti ika ika anta na na n	, and an behavior of the deal of the de An of the deal of	liter di bita bipa di tanà	la dag berkena alla da kata Pasa yang kana da kata da kata Pasa yang kana da kata d	httenner at Gard Barn Alle Sen stegener in Property	ta <mark>ti se obie de legosit y</mark> na esporto na esporto de la contesta de la contesta na esta de la contesta	i pendikaki pertaan pendika Pendikaki penajarah P
19 digama da para tang tang tang tang tang tang tang tan		nde na frekreke konsta Seten seten der store ko	g a dak ila ten il kale de kale de Manga provinsi de provinsi de provinsi Manga provinsi de provinsi de provinsi de provinsi Manga provinsi de provinsi de provinsi de provinsi de provinsi Manga provinsi de provinsi Manga provinsi de provinsi d	Histickin, _{daga} dikati Katalan _{daga} dikati	freder for de la constante de la constante Presentação de la constante de Presentação de la constante de	dita yang ita ang kang kang kang kang kang kang kang	ta (filma and an	i pendika kata pangan panta kata pangan pangan panta kata pangan pangan
C Part 30 20 June 1994 Bart Part Part (1996 Bart (1996 Bart)) Bart (1996 Bart) (1996 Bart) (1996 Bart) Bart (1996 Bart) 10 dBm-		ng dag mada praktiga kang dag ang dag Ing dag ng ang ang dag dag dag dag dag dag dag dag dag da	g ta aki in ten <mark>kind aki aki kinda</mark> Aki pangangan kinda aki aki aki	kilontikhita, jainga a kilonti Tanata inga _{ka} king a k	in dia kaominina dia kaomin I aminina dia kaominina dia	status per ang	n (11), né né kérek kepelé a jeren je <u>(</u> ferterené) se tenje	
19 digama da para tang tang tang tang tang tang tang tan		andre and produce the descent for an and the second data and the second data	a at a bailte ten bled de de die die die Geographie verschieft de die die die die die die die die die	like de felte, felter a like vit	n dia kaominina dia kaomini Ny faritr'ora dia kaominina d	alt ha general for the form of the form	an dan dan bara barakan barakan General dan barakan dan dan dan dan dan dan dan dan dan d	i yezen di dar da internet kan yezen di dar ngan di tematikan yezen di tematikan yezen di dari
19 digama da para tang tang tang tang tang tang tang tan		alig al fait field a com	a daki seri Akada kata kata da		in ping lan kenna dia dia kana Pang ang kanang kanang kanang Pang ang kanang kanang kanang	alda yang di Kang kang kang kang kang kang kang kang k	n (ny construction for the specific of the spe	ng pangha dan pang pang pang pang pang pang pang pa
10 dBm- 10 dBm- 10 dBm- 10 dBm-		and an and the second sec	e dekilaren ile dek sete Men en ereken ereken ereken ereken Men ereken e	Hereiten an der Sterner Geschieden an der Sterner Geschieden an der Sterner	fra for jan kenne site ander kanne Gran gegeneren en geste ander	49 kg ang 10 km ling pa 10 km ling pa 10 km ling pa 10 km ling pang bang pang bang pang bang pang bang pang ban	n jetran in die Anna in die Anna in die Anna	ng ng ting ting ting ng ting ting ng ti Ng ting ting ting ng tin Ng ting ting ng
9 dimensional for the second state of the seco		and and print print in a second s	e en posta a con Maria de Sala de Sala Angela posta a posta de Canada	film of film and the second	fa fin je stan u filozofa konde Vranjega na stan u filozofa konde Vranjega	illenna (Karija Alie Governa (Karija Alie Governa (Karija Alie Governa (Karija Alie)	n jetra od ini konstruanja na poslava od ini konstruanja na poslav	
9. dBm en viet and the second		an la cal de la grande de la calendaria. La calendaria de la calendaria	e en politika na politika kaj konstru Politika na politika na pol Politika na politika na pol	film of his and a second s	fa fin je stan u filozofa konst Hange or na de stan se se te se se Hange or na de se	tillenen i Kantinen Vile Generalisen i Kantinen vile Generalisen i Kantinen i		
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm		an la cal pring tang di ga ang sa San ng san ng	e en politica de la declara de la declara Novembre de la declara de l Novembre de la declara de l	film of his and his an	fa fin je skon u filozofia Provez se na na primer Provez se na na primera	tillenen i Kantinen Alle Generationen i Kantinen Alle		
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm			e en gele i la con la de la de la de Porte de la conse en de la de la de la de Porte de la conse en de la de Porte de la de	film of his and his	fa fa ja skon s ^a la sida kana Manga an san sa			
10 dBm- 10 dBm- 10 dBm- 10 dBm-		14001 pt			o.o MHz/			40.0 GH

Plot 7-549. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 45)



Plot 7-550. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 45, Final)

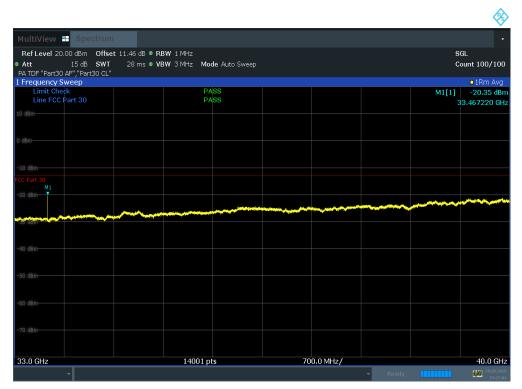
FCC ID: A3LAT1K04-B10	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 227 of 460
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MultiView 🗄 Spectrur	m				•
Ref Level 20.00 dBm Offs	et 11.46 dB • RBW 1 MHz				SGL
Att 15 dB SWT PA TDF "Part30 AF", "Part30 CL		de Auto Sweep			Count 100/100
l Frequency Sweep					o 1Rm Max
Limit Check Line FCC Part 30		ATL ATL		M	L[1] -12.67 dBn 39.512280 GH
					M1
CC Part 30	in second states and a second seco	Jelitanda Jelit (senda) (kendere)	dan seria takan takan dari bahar bahar Bahar bahar bah	ettel og huper kan han an det som fille og Standers og huper kan at som	
a second and the second and second	terne gen til det lake til en gen gen til besken som det skale som det kan besken i som det kan besken i som d An en som det so				
40 dBm					
33.0 GHz	14001 p	ts	700.0 MHz/		40.0 GHz
				▼ Ready	29.09.2020

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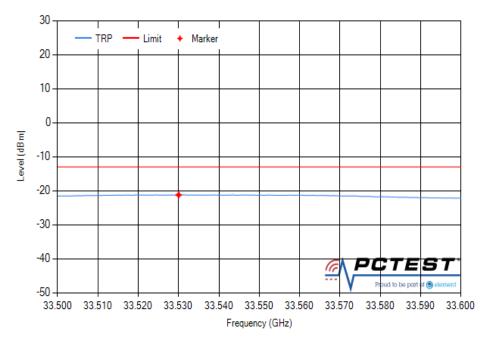
Plot 7-551. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 135)



Plot 7-552. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 135, Final)

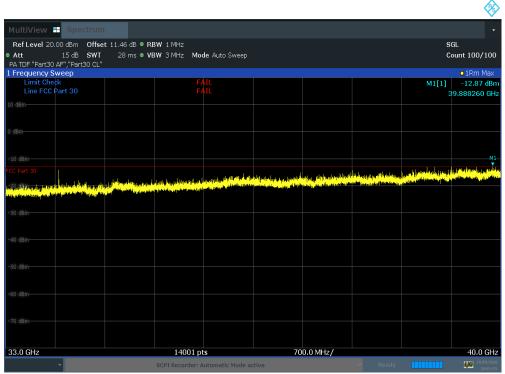
FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 228 of 460
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1st Marker Frequency: 33.530 GHz Margin: 8.2 dB



STEST

Plot 7-553. RSE 33.5 GHz – 33.6 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low TRP)



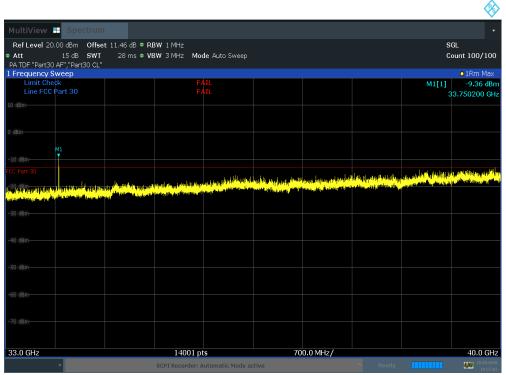
Plot 7-554. RSE 33 GHz - 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B10	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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MultiView 🗄 Spectrum				•
Ref Level 20.00 dBm Offset 1	1.46 dB • RBW 1 MHz			SGL
● Att 15 dB SWT	28 ms • VBW 3 MHz Mode Auto S	weep		Count 100/100
PA TDF "Part30 AF", "Part30 CL"				
1 Frequency Sweep Limit Check	PASS		M1[• 1Rm Avg 1] -19.51 dBm
Line FCC Part 30	PASS		MIT [39.866260 GHz
0 dBm				
				M1
			and the second states of the s	and the second s
Marine and a start of the second start of the				
-30 dBm				
-50 dBm-				
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
	SCPI Recorder: Automatic N		🗢 Ready	
	SGP1 Recorder: Automatic P	noue active	Keudy	20:02:09

Plot 7-555. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45, Final)



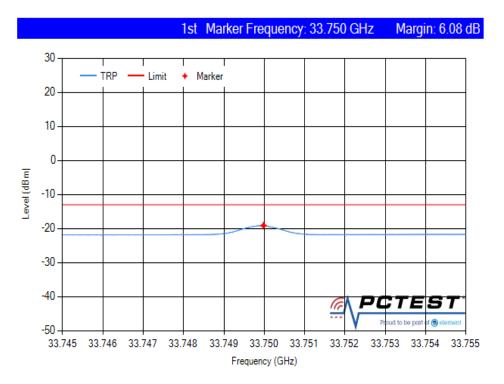
Plot 7-556. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 240 of 400
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Plot 7-557. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)



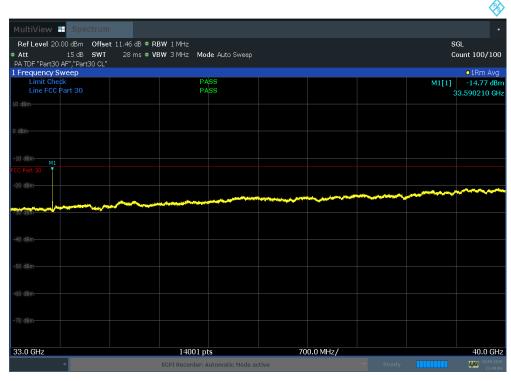
Plot 7-558. RSE 33.745 GHz – 33.755 GHz (100 MHz BW 4CC CC QPSK Mid TRP)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 244 of 460
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PA TDF "Part30 AF","Part30 CL" Frequency Sweep					A
Ref Level 20 00 dbm Offset 11.46 db B RBW 1 MHz SGL Att 15 db SWT 28 ms VBW 3 MHz Mode Auto Sweep Count 100/100 PA TDF "Part30 AP", "Part30 CL"	MultiView Spectrum				
PA TCF "Part30 AF", "Part30 CL" Frequency Sweep Imit Check FA1L Imit Check FA		dB • RBW 1 MHz			SGL
EFFECtion Other Max Limit Check FAIL M1[1] -12.68 dBn 0 dBm Image: State of the state		ms • VBW 3 MHz Mode Auto Sweep			Count 100/100
Line FCC Part 30 FAIL 33.590210 GH 35.590210	l Frequency Sweep				•1Rm Max
33.0 GHz 14001 pts 70.0 MHz/ 40.0 GHz		FAIL		M1[1] -12.68 dBn
10 dbm 11 d	Line FCC Part 30	FAIL			33.590210 GH
10 dam 11					
10 dam 11					
20 Part 30 20 Part 30 <td></td> <td></td> <td></td> <td></td> <td></td>					
CC Part 30 20 GM 144 cl 14					
30 dBm 40 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 33 0 GHz 14001 pts 70 dDm	10 dBmM1				
30 dBm 40 dBm 40 dBm 50 dBm 50 dBm 50 dBm 60 dBm 70 dBm 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH	CC Part 30	n er sit her er er beren erste att fotsteren erste bie	the definition of the production of the description of the second s		
30 dBm 40 dBm 40 dBm 50 dBm 50 dBm 50 dBm 60 dBm 70 dBm 33.0 GHz 14001 pts 700.0 MHz/		in mit han bei eine eine eine eine eine eine eine	in the state of the	Contraction of the local division of the loc	1
40 dBm- 50 dBm- 60 dBm- 70 dBm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH	a of a fact had been and a state of the stat				
50 dBm- 60 dbm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
50 dBm- 60 dbm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
50 dBm- 60 dbm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
60 dBm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
60 dBm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
70 dBm 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					
70 dBm 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	60 dBm-				
33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
	70 dBm-				
	33.0 GHz	14001 nts	700.0 MHz/		40.0 GH
				n Poadu	

Plot 7-559. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45)



Plot 7-560. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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MultiView 🕂 Spectrum			
			•
RefLevel 20.00 dBm Offset 11. Att 15 dB SWT 2	.46 dB • RBW 1 MHz 28 ms • VBW 3 MHz Mode Auto Sweep		SGL Count 100/100
PA TDF "Part30 AF", "Part30 CL"			
1 Frequency Sweep			• 1Rm Max
Limit Check Line FCC Part 30	FAIL		M1[1] -12.83 dBn
	1 AIL		39.917760 GH
			M
			ومعرور وتسافلهما ومنه بمريخه ومساورا وريبي والمتعاقر
20 dBm	de inferencia da se en la decidada de la casa de altera de seconda de seconda de seconda de seconda de seconda		A CALE AND A
	dest for all the transfer filling and the second	a second s	
-30 dBm			
-40 dBm-			
33.0 GHz	14001 pts	700.0 MHz/	40.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive 🔹	Ready 28.09.2020 23:51:15





Plot 7-562. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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