

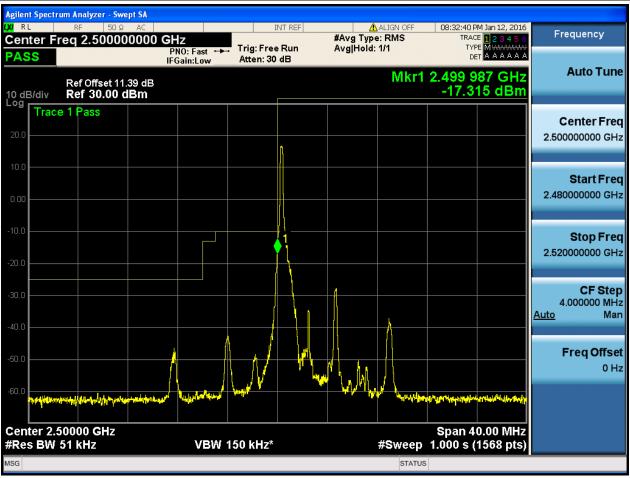
Annex E. LTE Band Edge



1. LTE_Band7

1.1. LTE Band Edge(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

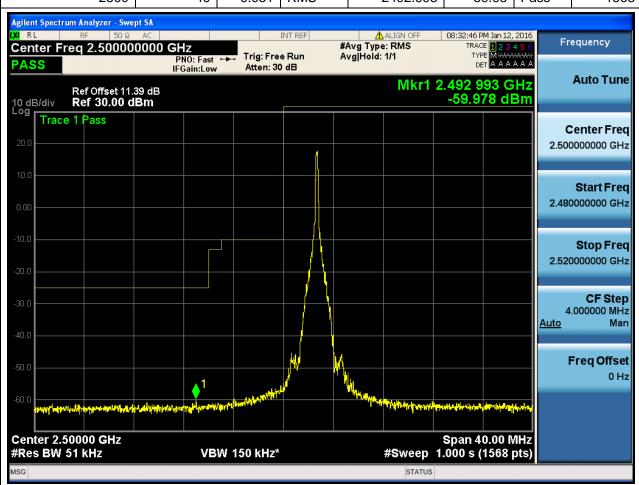
Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point	
2500	40	0.051	RMS	2499.987	-17.32	Pass	1568	
Agilent Spectrum Analyzer - Swe (X) RL RF 50 Ω Center Freq 2.50000	2016 4 5 6	equency						
PASS Ref Offset 11.	PNO: Fast IFGain:Low Atten: 30 dB PNO: Fast AAAAA Avg Hold: 1/1 TYPE MWWWWWW DET AAAAAA Ref Offset 11.39 dB Wkr1 2.499 987 GHz							





1.2. LTE Band Edge(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
2500	40	0.051	RMS	2492.993	-59.98	Pass	1568
Agilent Spectrum Analyzer - Swe	AC		INT REF	ALIGN OFF	08:32:46 PM Jan 12,		requency
Center Freq 2.500000000 GHz		Trig: Fre		Avg Type: RMS vg Hold: 1/1	TRACE 1 2 3	~~~	equency





Center 2.50000 GHz #Res BW 51 kHz

1.3. LTE Band Edge(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

VBW 150 kHz*

	nter ncy(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point	
	2500	40	0.051	RMS	2495.979	-38.18	Pass	1568	
Agilent Spectrum Analyzer - Swept SA M RF 50 \(\text{Q} \) AC									
10 dB/div	Ref Offset 11.				Mkr1 2	.495 979 G -38.181 dl	П	Auto Tune	
Trac	e 1 Pass							enter Freq	
10.0								Start Freq	
0.00							2.480	0000000 GHz	
-10.0							2.520	Stop Freq	
-30.0								CF Step	

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (1568 pts)

STATUS

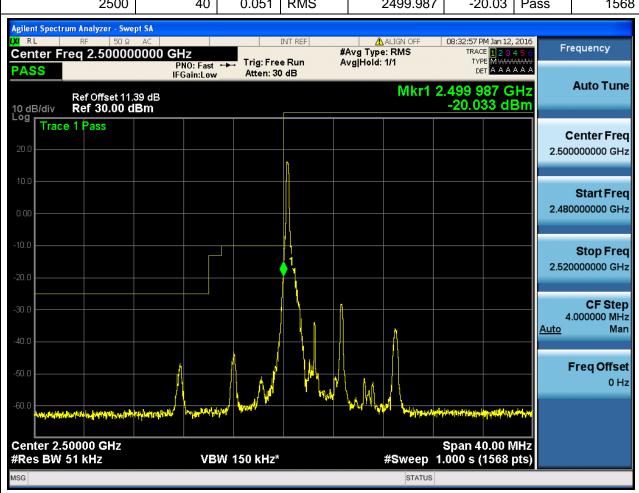
Man

Freq Offset 0 Hz



1.4. LTE Band Edge(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

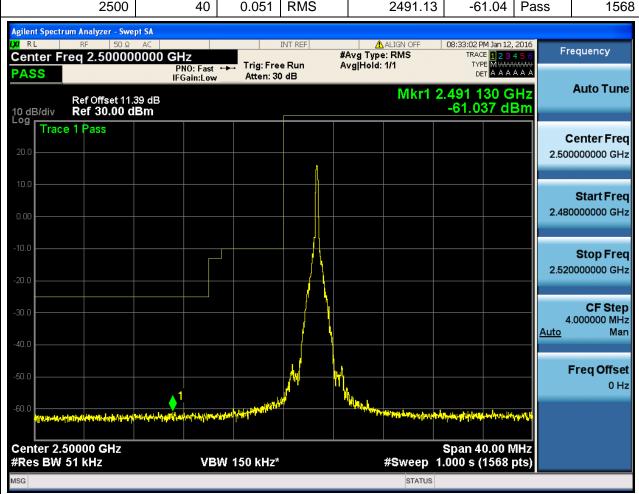
Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point		
2500	40	0.051	RMS	2499.987	-20.03	Pass	1568		





1.5. LTE Band Edge(NTNV)(Subtest:5, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

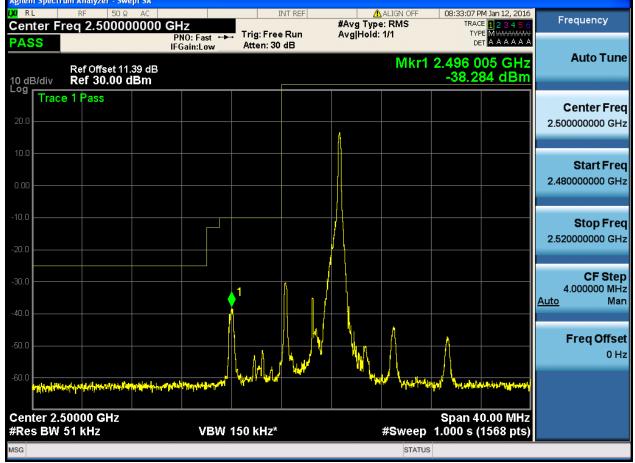
Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
2500	40	0.051	RMS	2491.13	-61.04	Pass	1568





1.6. LTE Band Edge(NTNV)(Subtest:6, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

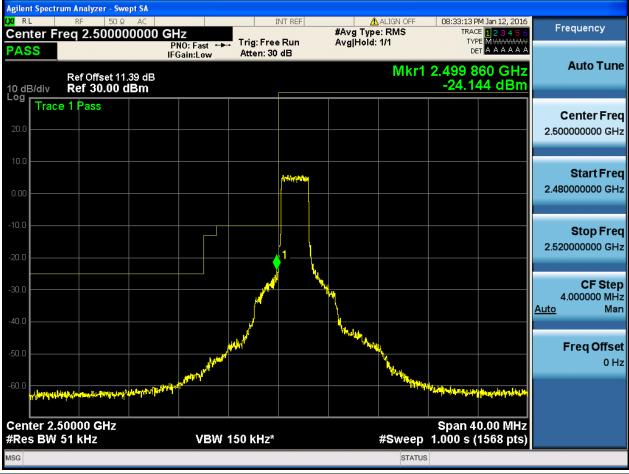
Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point	
2500	40	0.051	RMS	2496.005	-38.28	Pass	1568	
Agilent Spectrum Analyzer - Swe (X) RL RF 50 Ω Center Freq 2.50000		Avg Type: RMS	08:33:07 PM Jan 12, TRACE 1 2 3 TYPE M WWW	456 Fr	equency			
PASS Ref Offset 11.				Avg Hold: 1/1 TYPE M.M.M.M.M.M. DET A A A A A A A A A A A A A A A A A A A				





1.7. LTE Band Edge(NTNV)(Subtest:7, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

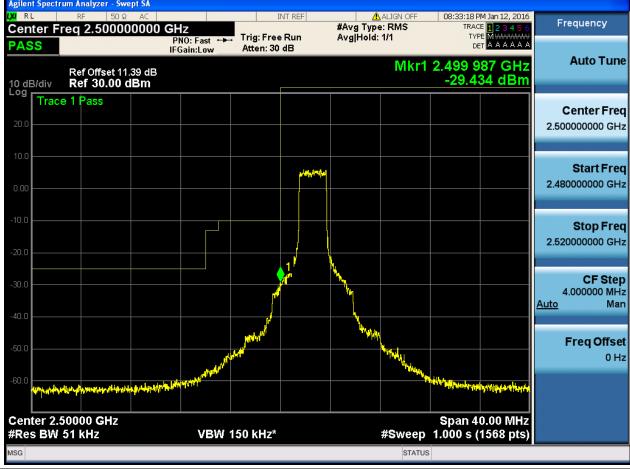
Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point	
2500	40	0.051	RMS	2499.86	-24.14	Pass	1568	
Agilent Spectrum Analyzer - Swept SA								
Center Freq 2.500000000 GHz PASS PASS PASS PRO: Fast → IFGain:Low		Trig: Fre	eRun A	Avg Type: RMS vg Hold: 1/1	08:33:13 PM Jan 12, 2016 TRACE 1 2 3 4 5 6 TYPE M MANAGEM DET A A A A A A		equency	
Dof Offeet 44	30 40			Mkr1 2	.499 860 G	Hz	Auto Tune	





1.8. LTE Band Edge(NTNV)(Subtest:8, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
2500	40	0.051	RMS	2499.987	-29.43	Pass	1568
Agilent Spectrum Analyzer - Swe RL RF 50 Ω Center Freq 2.50000	0000 GHz			ALIGN OFF Avg Type: RMS vg Hold: 1/1	08:33:18 PM Jan 12, TRACE 1 2 3 TYPE M WWW	456 Fr	equency
PASS Ref Offset 11: 10 dB/div Ref 30.00 d					.499 987 G -29.434 dl	AAA HZ	Auto Tune





Center 2.50000 GHz #Res BW 51 kHz

1.9. LTE Band Edge(NTNV)(Subtest:9, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

VBW 150 kHz*

Center Frequency(MHz)	Spar	n(MHz)	RBW (MHz)	Detector	r	quency MHz)	Pow (dBı		Verdict	Sweep Point
250	00	40	0.051	RMS		2499.987	-40	0.56	Pass	1568
Agilent Spectrum Analyzer -	Swept SA									
	0Ω AC	~U-		INT REF	#Avg Type	ALIGN OFF	08:33:23 Pf	M Jan 12, 2 1 2 3 4		equency
Center Freq 2.500	000000	PNO: Fast	Trig: Fre		Avg Hold:		TYP	E M WAAAAA	₩₩.	
I AGG		IFGain:Low	Atten: 30) dB		Miland				Auto Tune
Ref Offset 10 dB/div Ref 30.0						IVIKIT	2.499 9 -40.56	87 Gr 34 dB	14	
Trace 1 Pass									C	enter Freq
20.0										000000 GHz
10.0										Ctort Erog
				and apple	r .				2.480	Start Freq
0.00									2.400	000000 0112
-10.0										
									0.500	Stop Freq
-20.0				\longrightarrow	<u> </u>				2.520	000000 GHz
					bullet.					
-30.0				- N	- 1				4	CF Step
				<u> </u> 1					<u>Auto</u>	Man
-40.0			لاسان	7	The state of the s	٠.,				
-50.0			Market Comment			Maria I			F	req Offset
30.0			1			- Jaffly				0 Hz
-60.0		or hard or an all the property of	- Paller			7	^ၛ M _{ĿŶŶ} ŖŢŶĠŖŖĸŶŔĸŶŖĸŶŖ	J		
-60.0	parter of the Section	I Wall					-0.44	APPENDED	e de la companya della companya della companya de la companya della companya dell	

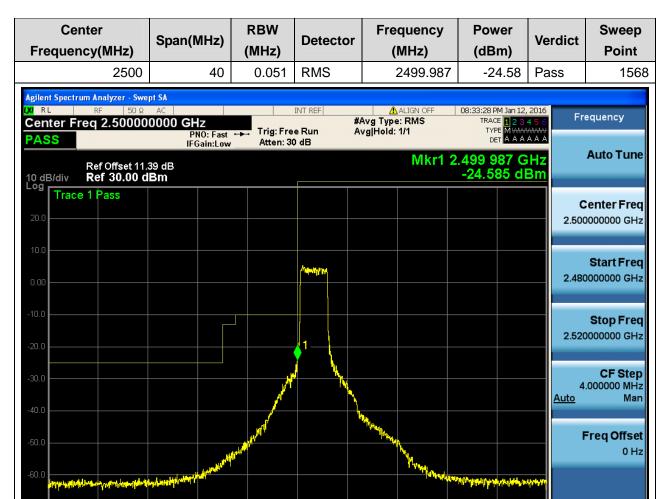
Span 40.00 MHz #Sweep 1.000 s (1568 pts)



Center 2.50000 GHz

#Res BW 51 kHz

1.10. LTE Band Edge(NTNV)(Subtest:10, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)



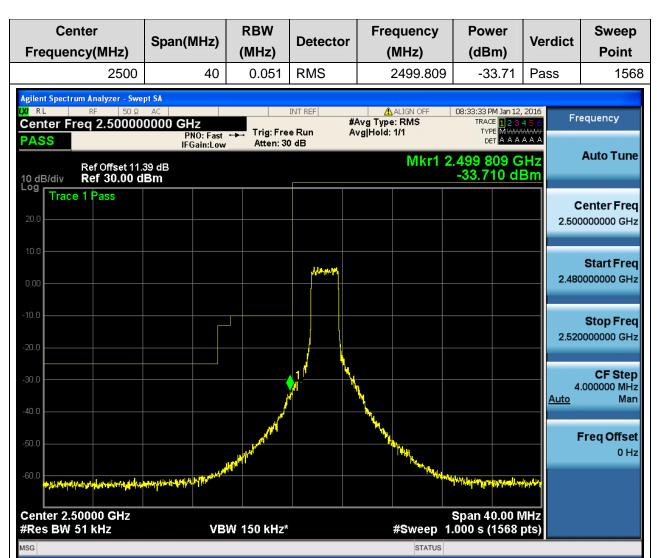
VBW 150 kHz*

Span 40.00 MHz

#Sweep 1.000 s (1568 pts)



1.11. LTE Band Edge(NTNV)(Subtest:11, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)





Center 2.50000 GHz #Res BW 51 kHz

1.12. LTE Band Edge(NTNV)(Subtest:12, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

	nter ncy(MHz)	Span(MHz)	RBW (MHz)	Detector		quency MHz)	Power (dBm)	Verdict	Sweep Point
	2500	40	0.051	RMS	2	2499.936	-40.26	Pass	1568
LXI RL	um Analyzer - Swe RF 50 Ω req 2.50000	AC	Trig: Fre	e Run /	<u>/\</u> ¥Avg Type Avg Hold:		08:33:38 PM Jan 12, TRACE 1 2 3 TYPE M WWW. DET A A A	4 5 6	equency
10 dB/div	Ref Offset 11.3	39 dB Bm				Mkr1 2	.499 936 G -40.261 dE	ΠZ	Auto Tune
ZO.0 Trace	e 1 Pass								enter Freq 0000000 GHz
0.00				gu ju na dan				2.480	Start Freq
-10.0								2.520	Stop Fred
-30.0				1 1	halaka a			4 <u>Auto</u>	CF Step .000000 MHz Mar
-50.0			water bear by care		W.	PART OF THE PART O		,	Freq Offse
-60.0		a Thadarland to Attack the Land of the Attack of the Attac	of the state of th			- Abbridge	h-Hedder - Agent Battle Hotel	ethikahi	

VBW 150 kHz*

Span 40.00 MHz #Sweep 1.000 s (1568 pts)



#Res BW 51 kHz

1.13. LTE Band Edge(NTNV)(Subtest:13, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



VBW 150 kHz*

#Sweep 1.000 s (1568 pts)



Center 2.50000 GHz

#Res BW 51 kHz

1.14. LTE Band Edge(NTNV)(Subtest:14, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



VBW 150 kHz*

Span 40.00 MHz

#Sweep 1.000 s (1568 pts)



Center 2.57000 GHz #Res BW 51 kHz

1.15. LTE Band Edge(NTNV)(Subtest:15, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

VBW 150 kHz*

Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
2570	40	0.051	RMS	2574.046	-39.56	Pass	1568
Agilent Spectrum Analyzer - Swe (M) RL RF 50 Ω Center Freq 2.57000 PASS	2016 4 5 6 ***********************************	equency					
Ref Offset 11.			, ,	Mkr1 2	2.574 046 G -39.564 dI		Auto Tune
Trace 1 Pass		ħ					enter Freq 0000000 GHz
0.00						2.550	Start Freq
-10.0						2.590	Stop Freq

CF Step 4.000000 MHz

Freq Offset 0 Hz

Man

<u>Auto</u>

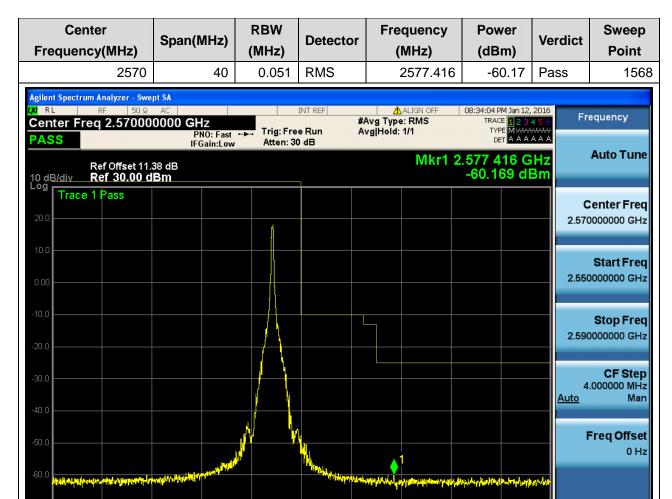
Span 40.00 MHz #Sweep 1.000 s (1568 pts)



Center 2.57000 GHz

#Res BW 51 kHz

1.16. LTE Band Edge(NTNV)(Subtest:16, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)



VBW 150 kHz*

Span 40.00 MHz

#Sweep 1.000 s (1568 pts)



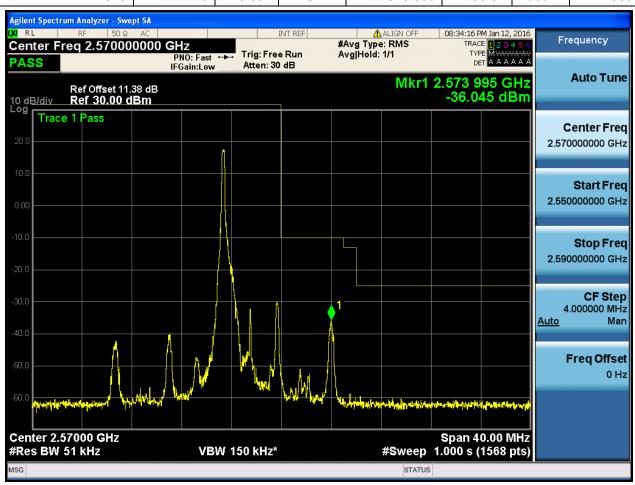
1.17. LTE Band Edge(NTNV)(Subtest:17, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)





1.18. LTE Band Edge(NTNV)(Subtest:18, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
2570	40	0.051	RMS	2573.995	-36.04	Pass	1568
Agilent Spectrum Analyzer - Swe	pt SA		INT REF	⚠ ALIGN OFF	08:34:16 PM Jan 12,	2016	
Center Freq 2.570000000 GHz		Trig: Fre	eRun A	Avg Type: RMS vg Hold: 1/1	TRACE 1 2 3 TYPE M MAAA	~~~	requency





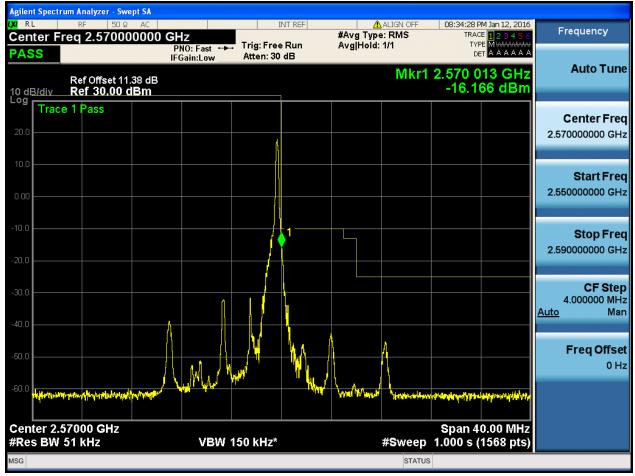
1.19. LTE Band Edge(NTNV)(Subtest:19, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point			
2570	40	0.051	RMS	2584.639	-60.72	Pass	1568			
Agilent Spectrum Analyzer - Swept SA (X) RL RF 50 Ω AC INT REF Δ. ALIGN OFF 08:34:21 PM Jan 12, 2016										
Center Freq 2.570000000 GHz PN0: Fast → IFGain:Low			eRun A	Avg Type: RMS vg Hold: 1/1	TRACE 123456 TYPE MWWWWWW DET AAAAA		equency			
Mkr1 2 584 639 GHz						Hz	Auto Tune			



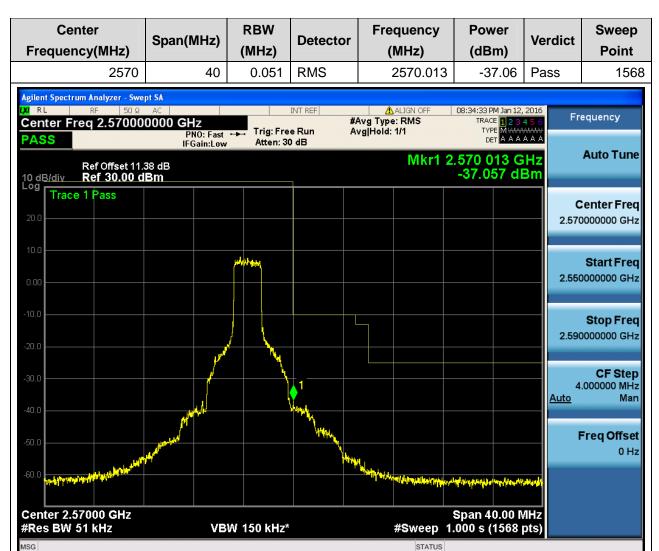
1.20. LTE Band Edge(NTNV)(Subtest:20, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	Span(MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
2570	40	0.051	RMS	2570.013	-16.17	Pass	1568
Agilent Spectrum Analyzer - Swe LXI RL RF 50 Ω	2016						
Center Freq 2.570000000 GHz PASS PRO: Fast P			e Run A	Avg Type: RMS vg Hold: 1/1	TRACE 1 2 3 4 5 6 TYPE M MANAMAM DET A A A A A A		equency
	iFGain:Luw	ntten. o	Mkr1 2 570 013 CHz				





1.21. LTE Band Edge(NTNV)(Subtest:21, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)





1.22. LTE Band Edge(NTNV)(Subtest:22, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)





Center 2.57000 GHz

#Res BW 51 kHz

1.23. LTE Band Edge(NTNV)(Subtest:23, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)



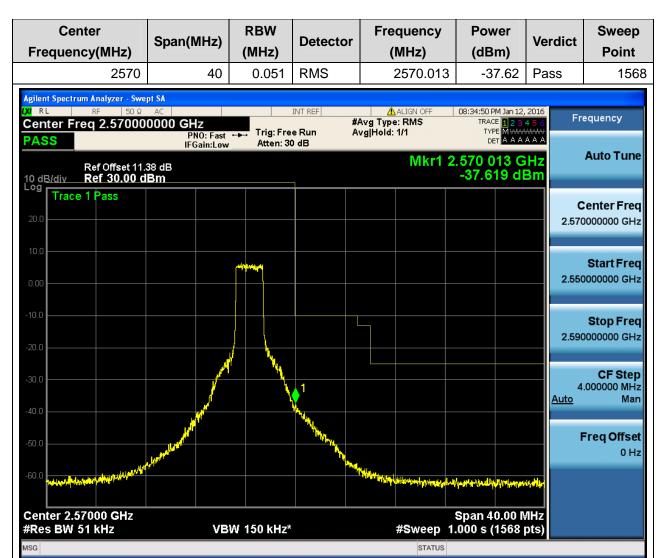
VBW 150 kHz*

Span 40.00 MHz

#Sweep 1.000 s (1568 pts)



1.24. LTE Band Edge(NTNV)(Subtest:24, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

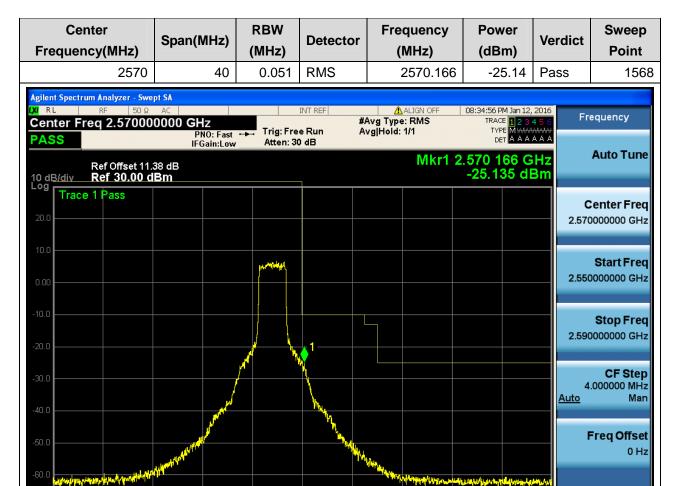




Center 2.57000 GHz

#Res BW 51 kHz

1.25. LTE Band Edge(NTNV)(Subtest:25, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)



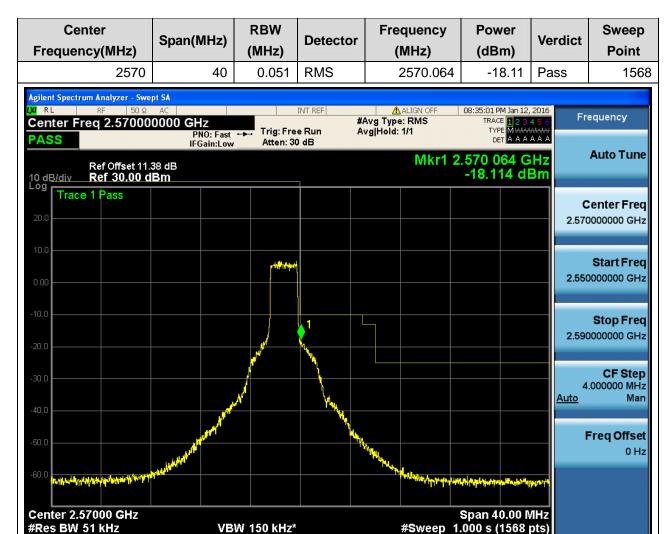
VBW 150 kHz*

Span 40.00 MHz

#Sweep 1.000 s (1568 pts)



1.26. LTE Band Edge(NTNV)(Subtest:26, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)



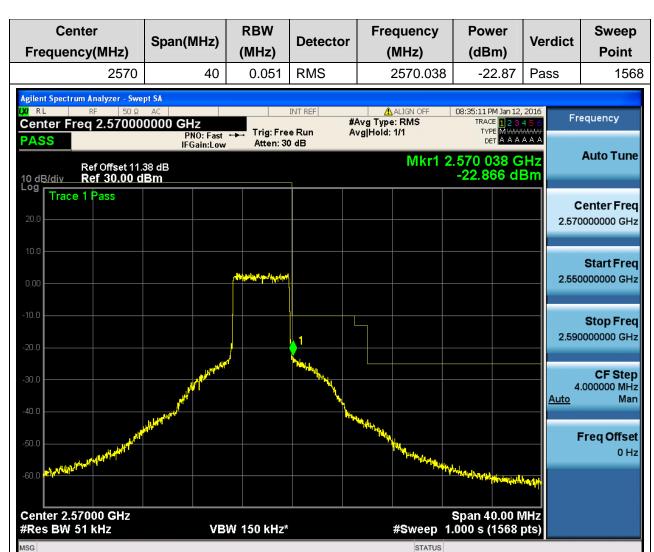


1.27. LTE Band Edge(NTNV)(Subtest:27, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)





1.28. LTE Band Edge(NTNV)(Subtest:28, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)





END