

## 4.7.4 Test Results









VCDMA							
Channel 9262	2 (1852.4MHz)						
- requency Ra	ange : 9kHz ~ 1	GHz		Frequency F	Range : 1GHz ~	10GHz	
Swept SA Swept SA EYSIGHT Input: RF Input 2 Coupling: DC Corr C	Z:50 Ω #Atten:30 dB PNO: Fast Corr RCal Preamp: Off Gate: Off	Spectrum Analyzer 7 Swept SA #Avg Type: Power (RMS 1 2 3 4 5 6 Avg]Hold: 100/100 Trg: Free Run WWW WWW	Frequency Center Frequency Settings	KEYSIGHT Input: RF Inp Coupling: DC Co	ut Z: 50 Ω WAtten: 30 dB PNO: Fast r CCorr RCal Preamp: Off Gate: Off	Spectrum Analyzer 7 Swept SA #Avg]Hold: 100/100 Mag Type Power (RMS 1 2 3 4 5 0 Avg]Hold: 100/100 Mg WWWWWW 5.5000000	
20     2011 AURO     100     10     10     1     10	Vet Int(s) IF Gam. Low Sig Track. Off Ref Level 30.00 dBm	Mkr1 907.20 MHz -38.62 dBm	Span 999.991000 MHz Swept Span Zero Span Full Span Start Freq 9.000 kHz	I Spectrum Scale/Div 10 dB Log 10 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ref Init(5) IF Gam Low Endeptive So Track Off Ref Level 30.00 Bm	Mg Prev Nati P KN NK N Mkr1 1.653 20 GHz 23.66 dBm Full StarFree StarFree StarFree	0 GHz Span pan Span
		U(1-1300 d8m	Stop Freq 1.00000000 GHz AUTO TUNE CF Step 99.999100 MHz	0.00 -10.0 -20.0 -30.0 -30.0 -40.0		UL1-1500 427         Stop Freq 10.00000C           AUTO         AUTO           CF Step 54/Abrid Americal Angle April 10.00000C         CF Step 900.0000C	000 GHz TUNE
o rt 9 kHz is BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	Auto Man Freq Offset 0 Hz X Axis Scale Log Lin	Start 1.000 GHz Bros BW 1.0 MHz	#Video BW 3.0 MHz	Stop 10.000 GHz         Lin           Sweep -17.5 ms (33001 pts)         Lin	
requency Ra	ange : 10GHz ~	20GHz	Signai Track (Span Zoom)	4 b C 1 ? *	ид 28, 2021 :19:55 АМ	Signal Trac	K
Swept SA Swept SA EYSIGHT Input: RF Input 2 Coupling: DC Corr C Alian: Auto Frea R	A Analyzer 5 2:90 D 2:90 D MAIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Spectrum Analyzer 7 Ana Tippe Power (1815) Ana Tippe	Prequency      Prequency				



VCDMA							
Channel 940	00 (1880.0MHz)						
requency F	Range : 9kHz ~ 1	GHz		Frequency R	ange : 1GHz ~	10GHz	
Spectrum Analyzer 4 Spect Swept SA Swep	trum Analyzer 5 Spectrum Analyzer 6 Swept SA	Spectrum Analyzer 7	🔅 Frequency 🔹 🚉	Spectrum Analyzer 4 Spectru Swept SA Swept	um Analyzer 5 Spectrum Analyzer 6 SA Swept SA		quency 🔻
Coupling: DC Co	put Z:50 Ω // Atten: 30 dB PNO: Fast pr CCorr RCal Preamp: Off Gate: Off eq Ref: Int (S) IF Gain: Low E: Adaptive Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6     Avg[Hold: 100/100     Trig: Free Run     P N N N N N	Center Frequency 500.004500 MHz	Coupling DC Log	it Z: 50 Ω #Atten: 30 dB PNO: Fast r CCorr RCal Preamp: Off Gate: Off g Ref: Int (S) IF Gain: Low : Adaptive Sig Track: Off	WAvg Type:         Power (RMS 1 2 3 4 5 6 Avg Hold:         Center Frequence           Avg Hold:         100100         M WW WW W         5.50000000 GH           Trig:         Free Run         P N N N N N         5.50000000 GH	
spectrum v aale/Div 10 dB	Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 884.80 MHz -38.49 dBm	Span 999.991000 MHz Swept Span Zero Span	1 Spectrum Scale/Div 10 dB	Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 1.880 71 GHz 23.69 dBm Swept Span Zero Span	
0			Full Span Start Freq 9.000 kHz Stop Freq	10.0 0.00		Full Span Start Freq 1.00000000 GH Stop Freq	Hz
		UC1-13.00.d8/m	1.00000000 GHz AUTO TUNE CF Step 99.999100 MHz	-10.0		0.1113/004677 AUTO TUNE CF Step 900.000000 MH	E
.0 0 0	annalag lahat bala dipakan terapat di mimilan terak di di	yakan yang kanan persidakan kanan katan ya	Auto Man Freq Offset 0 Hz	-40.0 horizona 11 Horizona 14		uddiffinijerbank profile and the state of the wide of the main of the state of the	
nt 9 kHz es BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	X Axis Scale Log Lin	Start 1.000 GHz #Res BW 1.0 MHz	#Video BW 3.0 MHz	Stop 10.000 GHz Sweep ~17.5 ms (35001 pts)	
<b>1</b> 7 7 <b>1</b> ? 4			Signal Track (Span Zoom)		g 26, 2021	Signal Track (Span Zoom)	
	Range : 10GHz ~						
Swept SA Swept EYSIGHT Input: RF Inp Coupling: DC Co Alian: Auto Fre	trum Analyzer 5 Spectrum Analyzer 6 th SA Svept	Spectrum Analyzer 7 Swept SA WAvg Type: Power (RMS 12 3 4 5 6 AvglHold: 100100 Tng: Free Run P N N N N	Center Frequency Settings				
Spectrum v Iale/Div 10 dB	Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 13.703 43 GHz -31.10 dBm	Span 10.0000000 GHz Swept Span Zero Span Full Span				
			Start Freq 10.00000000 GHz Stop Freq				
0 0 1 Jidda data fila waxay waxaya		UC1 - 15 100 obm	20.00000000 GHz AUTO TUNE CF Step 1.00000000 GHz				
0 <mark>4 (dashidi), makatan kumuna, jakan</mark> 0	n an the second s	a na stani n Na stani na s	Auto Man Freq Offset 0 Hz				
nrt 10.000 GHz es BW 1.0 MHz	#Video BW 3.0 MHz	Stop 20.000 GHz Sweep ~20.4 ms (35001 pts)	X Axis Scale				
י ? 🖿 ? °	ug 26, 2021 1:22:06 AM	X # & *	Signal Track (Span Zoom)				



NCDMA							
Channel 953	38 (1907.6MHz)						
Frequency F	Range : 9kHz ~ 1	GHz		Frequency	Range : 1GHz ~	10GHz	
Spectrum Analyzer 4 Spec Swept SA Swept	trum Analyzer 5 Spectrum Analyzer 6 pt SA Swept SA	Spectrum Analyzer 7	🔅 Frequency 🔹	Spectrum Analyzer 4 Spe Swept SA Sw	ectrum Analyzer 5 Spectrum Analyzer 6 ept SA Swept SA	Spectrum Analyzer 7	🗘 Frequency 🔹
L +++ Coupling: DC Cr Align: Auto Fr	nput Z: 50 Ω #Atten: 30 dB PNO: Fast forr CCorr RCal Preamp: Off Gate: Off reg Ref: Int (S) IF Gain: Low IFE: Adaptive Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6           Avg[Hold: 100/100         M WWWW           Trig: Free Run         P N N N N N	Center Frequency Settings 500.004500 MHz	L +++ Coupling: DC Align: Auto	Input Z: 50 Ω //Atten: 30 dB PNO: Fast Corr Corr RCal Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low NEE: Adaptive Sig Track: Off		Center Frequency 5.500000000 GHz
NI I Spectrum Scale/Div 10 dB =09	Ref Level 30.00 dBm	Mkr1 951.40 MHz -37.69 dBm	Span 999.991000 MHz Swept Span Zero Span	Log	Ref Lvi Offset 15.00 dB Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 1.908 49 GHz 23.94 dBm	Span 9.00000000 GHz Swept Span Zero Span
0.0			Full Span Start Freq 9.000 kHz Stop Freq	10.0 0.00			Full Span Start Freq 1.00000000 GHz Stop Freq
20.0		UC1-1390 d8m	1.00000000 GHz AUTO TUNE CF Step 99.999100 MHz	-10.0	L	ULT-1338 dBm	10.00000000 GHz AUTO TUNE CF Step 900.000000 MHz
	nterfölga på vara ska försa att men att men att men att men att men att men att på men att på men att på men at T	uner gentlicht opperte Arkeitigelich in gleinen	Auto Man Freq Offset 0 Hz	-40.0 possibility of the second secon			Auto Man Freq Offset 0 Hz
tart 9 kHz Res BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	X Axis Scale Log Lin	Start 1.000 GHz #Res BW 1.0 MHz	#Video BW 3.0 MHz	Stop 10.000 GHz Sweep ~17.5 ms (35001 pts)	X Axis Scale Log Lin
	Aug 26, 2021 1:23:55 AM		Signal Track (Span Zoom)		Aug 26, 2021	<b></b> 🔀 🗄 🔀	Signal Track (Span Zoom)
	Range : 10GHz ~ ctrum Analyzer 5 Spectrum Analyzer 6						
Swept SA Swept Set Sight Input: RF	ctrum Analyzer 5 Spectrum Analyzer 6 pt SA Swept SA witz 50 0 (Watters 30 dB PNO: Fast our CCorr RCal Preamp: Off Gate: Off Fie: Adaptive Sig Track: Off Fie: Adaptive Sig Track: Off	Spectrum Analyzer 7 Swept SA WAvg Type: Power (RMS 1 2 3 4 5 6 Avg]Hold: 100/100 Tig: Free Run P N N N N N	Center Frequency 15.00000000 GHz Settings				
Spectrum v cale/Div 10 dB	Ref LvI Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 18.901 14 GHz -30.29 dBm	Span 10.0000000 GHz Swept Span Zero Span				
			Full Span Start Freq 10.00000000 GHz Stop Freq				
			20.00000000 GHz AUTO TUNE CF Step 1.00000000 GHz				
10.0 <b></b>	no a stan i na stan i kan i kan	مردون بان ) بالانتخاب المتناسبين ، ومن المتناسبين ، ومن المتناسب ، ومن المتناسبين ، ومن المتناسبين ، ومن المتن	1.00000000 GHz Auto Man Freq Offset 0 Hz				
tart 10.000 GHz Res BW 1.0 MHz	#Video BW 3.0 MHz	Stop 20.000 GHz Sweep ~20.4 ms (35001 pts)	Y Avis Scale				
ま。s bw 1.0 MHz	Aug 26, 2021	Sweep ~20.4 ms (35001 pts)	Signal Track				



	ISDPA							
	hannel 926	2 (1852.4MHz)						
SYSHET WE WAR	requency R	lange : 9kHz ~ ′	1GHz		Frequency F	Range : 1GHz ~	10GHz	
Image: market in the locate is to the market in the locate is to the market is tothe market is tother market is to the market is	YSIGHT Input: RF Inpu	ut Z: 50 Ω #Atten: 30 dB PNO: Fast rr CCorr RCal Preamp: Off Gate: Off	<pre>//Avg Type: Power (RMS 1 2 3 4 5 6 AvgHold: 100/100</pre>	Center Frequency Settings	KEYSIGHT Input: RF Inp	t SA Swept SA ut Z: 50 Ω (/Atten: 30 dB PNO: Fast rr CCorr RCal Preamo: Off Gate: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Center Avg Hold; 100/100	er Frequency
<pre>Provide BW 3.0 Mix teleprove August teleprove August</pre>	ipoctrum v ale/Div 10 dB	E: Adaptive Sig Track: Off Ref LvI Offset 15.00 dB	PNNNNN Mkr1 948.80 MHz	Span 999.991000 MHz Swept Span Zero Span Full Span Start Freq	LVI NFI 1 Spectrum V Scale/Div 10 dB	E: Adaptive Sig Track: Off Ref LvI Offset 15.00 dB	PNNNN Mkr1 1.853 20 GHz 22.90 dBm Span	000000 GHz Swept Span Sero Span Full Span
Image: Start I share and a start and start and a start and start and a start and a			U(1-13 U) ddim	Stop Freq 1.00000000 GHz AUTO TUNE CF Step 99.999100 MHz	0 00		United Stop F 0.001 - 3.002 - 5.002 -	Freq 00000000 GHz AUTO TUNE Rep 000000 MHz
requency Range : 10GHz ~ 20GHz Spectra Mailyrer 1 Spectra Mailyrer 2 Spectra Mailyrer 1 Spectra Mailyr	t 9 kHz s BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	Freq Offset 0 Hz X Axis Scale	#Res BW 1.0 MHz		Sweep ~17.5 ms (38001 pts)	Man Offset s Scale
Spectrum Analyzer 4 Spectrum Analyzer 5 Spectrum Analyzer 6 Spectrum				Signal Track (Span Zoom)		128:06 AM		Track Zoom)
ur 1 (0.000 AHz Step 2) 0.000 4Hz Step 2) 0.000	Spectrum Analyzer 4 Spectrum Sweet SA Sweet SA Provide Same Provide Same Same Same Same Same Same Same Same	nun Analyzer 5 Bigweitun Analyzer 6 Bigweit SA. Bigweit SA. Bigwei	Spectrum Motifizer 7 Anag The Power (MA) Anag The Power (MA) P IN N N N Mkr1 19.88114 GHz -30.49 dBm -011 Jier dB -011 Jier dB -011 Jier dB -011 Jier dB -011 Jier dB	Center Frequency				



ISDPA							
hannel 940	00 (1880.0MHz)						
requency F	Range : 9kHz ~ 1	GHz		Frequency F	Range : 1GHz ~	10GHz	
Spectrum Analyzer 4 Swept SA Swept SA Swept SA Swept SWEPT Swept SPECT Spect Swept SPECT Swept SPECT Swept SPECT Swept SPECT Swept SPECT Swept SPECT Swept SPECT SWEPT SPECT SWEPT SPECT SWEPT SPECT SWEPT SPECT	trum Analyzer 5 t SA Swept SA Swept SA witz 50 Ω witz 50 Ω	Spectrum Analyzer 7 Swept SA #Avg Type: Power (RMS 12 34 56 Avglikod: 100/100 M WWWWWW	Center Frequency Settings	Spectrum Analyzer 4 Spec Swept SA Swep KEYSIGHT Input: RF In Coupling: DC C L Align Auto	ctrum Analyzer 5 Spectrum Analyzer 6 pt SA Weith SA Weith SA Weith SA Weith SA Weith SA Weither 30 dB PNO: Fast orr CCorn RCal Preamp. Off Gate: Off IF Gate: Off IF Gate: Tork SA Structure SA Structu	Spectrum Analyzer 7 Swept SA #Avg Type: Power (RMS AvgHod: 100/100 M WW WWW S.50000000 5.500000000	Frequency • ency Settin
NP pectrum v levDiv 10 dB	Ref Lvi Offset 15.00 dB     Ref Lvi Offset 15.00 dB     Ref Level 30.00 dB	-38.60 dBm	Span         999 991000 MHz           Swept Span         Zero Span           Full Span         Start Freq           9.000 kHz         Start Freq           1.00000000 GHz         Start Freq	DXI         N           1 Spectrum         1           Scale/DV 10 dB         0           100         0	Ref Lvi Offset 15.00 dB Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	P IN IN I         Span           Mkr 1         1.890 71 GHz         soccosco           22.84 dBm         Soccosco         Soccosco           Soccosco         Soccosco         Soccosco	pan an Dan D GHz
	Las C'hagend y general y en sen	ang ang bergen di kapang manangkan di kapangkan Ing ang bergen di kapangkan	AUTO TUNE           CF Step           99.999100 MHz           Auto           Man           Freq Offset           0 Hz           X Avis Scale	100 200 400 400 400 400 400 400 4		eres under Hind and Mark and Hind and Frank	UNE
rt 9 kHz ss BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	Log Lin Signal Track	Start 1.000 GHz #Res BW 1.0 MHz	#Video BW 3.0 MHz	Stop 10.000 GHz Sweep ~17.5 ms (35001 pts) Lin Some Construction of the store of	
	Range : 10GHz ~		(Span Zoom)			Ispan Zoom)	_
Swept SA Swep SYSIGHT Input: RF Inp Coupling: DC Co Align: Auto Fre	In un Analyzer 5 Seyest In Analyzer 5 Mar 25 00 Seyest SA. Mar	Migr Free Run M Wowwww Pins New X We	Frequency     Frequency				



ISDPA							
Channel 95	38 (1907.6MHz)						
requency I	Range : 9kHz ~ <sup>·</sup>	1GHz		Frequency	Range : 1GHz ~	10GHz	
Spectrum Analyzer 4 Spe	ctrum Analyzer 5 Spectrum Analyzer 6 Swept SA	Spectrum Analyzer 7	😧 Frequency 🔹 🔆	Spectrum Analyzer 4 Spe			requency v
L +++ Coupling: DC C Align: Auto F	nput Z: 50 Ω #Atten: 30 dB PNO: Fast Corr CCorr RCal Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low	#Avg Type: Power (RMS 1 2 3 4 5 6 Avg Hold: 100/100 Trig: Free Run	Center Frequency Settings 500.004500 MHz	L +++ Coupling: DC Align: Auto	nput Z: 50 Ω #Atten: 30 dB PNO: Fast Corr CCorr RCal Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low	#Avg Type:         Power (RMS 1 2 3 4 5 6)         Center Freque           Avg]Hold:         100/100         M WW WW W         5.500000000           Trig:         Free Run         M WW WW W         5.500000000	GHz Setting
Spectrum v sale/Div 10 dB	NFE: Adaptive Sig Track: Off Ref Lvl Offset 15.00 dB Ref Level 30.00 dBm	P NN NN N Mkr1 859.60 MHz -38.54 dBm	Span 999.991000 MHz Swept Span Zero Span	1 Spectrum Scale/Div 10 dB	NFE: Adaptive Sig Track: Off Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	P NN N N N Mkr1 1.908 49 GHz 23.05 dBm Zero Spar Zero Spar	
0			Full Span Start Freq 9.000 kHz Stop Freq	20.0		Full Spa Start Freq 1.00000000 Stop Freq	
		UL1-1300 dBm	1.000000000 GHz AUTO TUNE CF Step	-10.0		AUTO TU CF Step	JNE
unity of the production of the	nderstrike finder in de sterre gester de sterre des	na digan fangeniya jila tegen san disebut na an bahar bi	99.999100 MHz Auto Man	-40.0 constant plan provide state when		Anti- and Antibacting and Antibactic and Anti-	IHZ
			Freq Offset 0 Hz	-50.0		Freq Offset 0 Hz	
t9 kHz	#Video BW 3.0 MHz	Stop 1.0000 GHz	Y Avia Scale	Start 1.000 GHz	#Video BW 3.0 MHz	Stop 10.000 GHz	
ss BW 1.0 MHz	Aug 26, 2021	Sweep ~1.52 ms (5001 pts)	Signal Track		Aug 26, 2021	Sweep ~17.5 ms (35001 pts)	
	Range : 10GHz -		(Isban 200m)				_
Spectrum Analyzer 4 Spe	ctrum Analyzer 5 Spectrum Analyzer 6		Frequency •	1			
YSIGHT Input: RF ← Coupling: DC Align: Auto	nput Z:50 Ω #Atten:30 dB PNO:Fast Corr CCorr RCal Preamp:Off Gate: Off Freq Ref: Int (S) IF Gain: Low	WAvg Type: Power (RMS 1 2 3 4 5 6 Avg]Hold: 100/100 Trig: Free Run P N N N N N	Center Frequency 15.00000000 GHz				
Pectrum Y le/Div 10 dB	VFE: Adaptive Sig Track: Off Ref Lvl Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 19.234 00 GHz -30.17 dBm	Span 10.0000000 GHz Swept Span Zero Span				
			Full Span Start Freq 10.000000000 GHz				
		UL1-13390 dBm	Stop Freq 20.00000000 GHz				
	la form d'agree d'instruction d'instruction de sinne et a struc-		AUTO TUNE CF Step 1.000000000 GHz				
			Auto Man Freq Offset 0 Hz				
t 10.000 GHz	#Video BW 3.0 MHz	Stop 20.000 GHz	X Axis Scale				
tes BW 1.0 MHz	Aug 26, 2021	Sweep ~20.4 ms (35001 pts)	Signal Track				



ISUPA							
Channel 926	62 (1852.4MHz)						
requency F	Range : 9kHz ~ 1	IGHz		Frequency R	Range : 1GHz ~	10GHz	
Spectrum Analyzer 4 Spec		Spectrum Analyzer 7	🔅 Frequency 🔹			Spectrum Analyzer 7 +	Frequency v
L +- Coupling: DC C Align: Auto Fi	nput Z: 50 Ω // Atten: 30 dB PNO: Fast 2nr CCorr RCal Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low JE: Adaptive Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6           Avg Hold: 100/100           Trig: Free Run           P N N N N N	Center Frequency 500.004500 MHz Settings	KEYSIGHT Input: RF Input L →→ Coupling: DC Cor Align: Auto Fre	ut Z:50 Ω WAtten: 30 dB PNO: Fast r CCorr RCal Preamp: Off Gate: Off g Ref. Int (S) IF Gain: Low Sig Track: Off Sig Track: Off		equency Settin
Spectrum v ale/Div 10 dB	Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 876.00 MHz -38.27 dBm	Span 999.991000 MHz Swept Span Zero Span	1:Spectrum Scale/Div 10 dB	Ref Level 30.00 dB Ref Level 30.00 dB	Mkr1 1.852 94 GHz 22.30 dBm Zero	pt Span Span
0			Full Span Start Freq 9.000 kHz Stop Freq	10.0		Start Freq 1.000000 Stop Freq	0000 GHz
0		UC1-1300 d9m	1.000000000 GHz AUTO TUNE CF Step 99.999100 MHz	-20.0 -30.0			O TUNE
o o o	en en la serie de la serie La serie de la s		Auto Man Freq Offset 0 Hz	-40.0 (1997) - 4		eard filth i we date in a list and the providence of the particular in the parting in the parting in the particular in the particular in t	et
nt 9 kHz es BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	X Axis Scale Log Lin	Start 1.000 GHz #Res BW 1.0 MHz	#Video BW 3.0 MHz	Stop 10.000 GHz Sweep ~17.5 ms (35001 pts)	ale
<b>1</b> 7 7 <b>1</b> ? '			Signal Track (Span Zoom)		ug 26, 2021 :59:50 AM	📲 🔭 🖶 🔀 Signal Tra	ick m)
	Range : 10GHz ~						
Swept SA Swep SYSIGHT Input: RF In Coupling: DC C	ctrum Analyzer 5 spt SA Swept SA Swep	WAvg Type: Power (RMS 1 2 3 4 5 6 Avg]Hold: 100/100 Trin: Eree Run M WW WW W	Center Frequency Settings				
pectrum v nle/Div 10 dB	VFE: Adaptive Sig Track: Off Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	Mkr1 19.390 29 GHz -30.30 dBm	Span 10.0000000 GHz Swept Span Zero Span				
			Full Span Start Freq 10.00000000 GHz Stop Freq				
	h. e		20.00000000 GHz AUTO TUNE CF Step				
0 <b></b>		n Lang bine de yen internet yn llen an de bennet yn llen yn de bennet yn de bennet yn de bennet yn de bennet y Langer a llen a de bennet yn de b	1.00000000 GHz Auto Man Freq Offset 0 Hz				
rt 10.000 GHz es BW 1.0 MHz	#Video BW 3.0 MHz	Stop 20.000 GHz Sweep ~20.4 ms (35001 pts)	X Axis Scale				
	Aug 26, 2021		Signal Track				

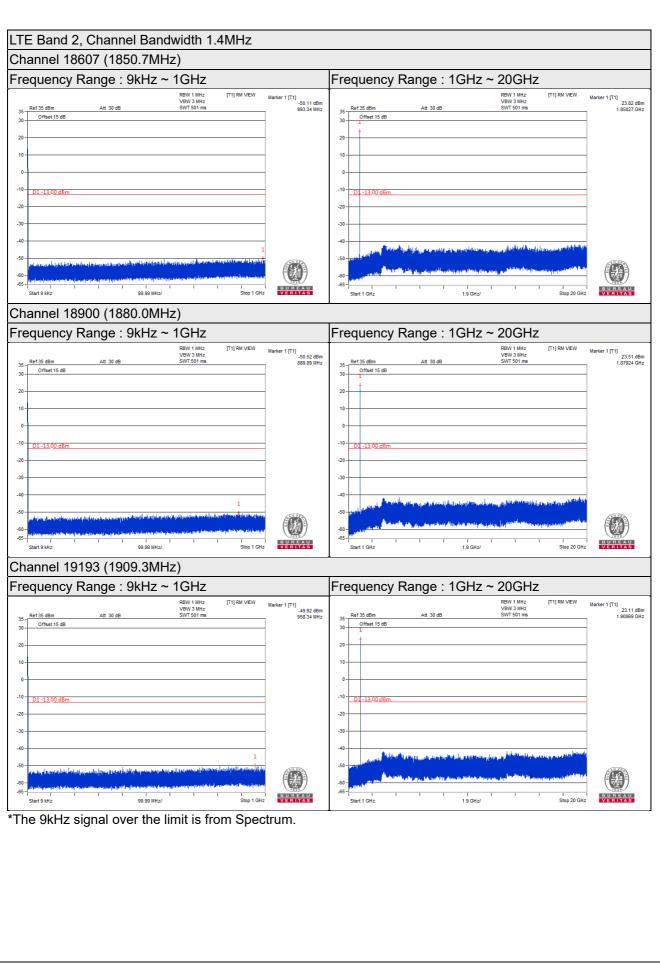


ISUPA							
Channel 94	00 (1880.0MHz)						
requency	Range : 9kHz ~ 1	GHz	Fre	equency Ra	nge : 1GHz ~	10GHz	
		Spectrum Analyzer 7 + 🕨 🛱		ctrum Analyzer 4 Spectrum Ar pt SA Swept SA	-		Frequency 🔹
EYSIGHT Input: RF Coupling: DC Alian: Auto	Input Z: 50 Ω //Aften: 30 dB PNO: Fast Corr Corr RCal Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low NEE: Adaptive Sig Track: Off	Trig: Free Run P N N N N N	ter Frequency 1.004500 MHz Settings L	IGHT Input RF Input Z: 50	LΩ #Atten: 30 dB PNO: Fast RCal Preamp: Off Gate: Off Int (S) IF Gain: Low	#Avg Type: Power (RMS 2 3 4 5 6 Avg Hold: 100/100 Trig: Free Run P N N N N N	enter Frequency 500000000 GHz
ipectrum v ale/Div 10 dB	Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm		n 1.991000 MHz 1 Spectr		Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm		pan 0.00000000 GHz Swept Span Zero Span
0 0 0		9.0	Full Span         20.0           t Freq         10.0           00 kHz         0.00				Full Span tart Freq 1.000000000 GHz
) 			Preq         .10.0           00000000 GHz         .20.0				top Freq 0.000000000 GHz AUTO TUNE
		<b>1</b> 99	Step -30.0 999100 MHz -40.0	ana disina dalam da da saila di ana			F Step 600.000000 MHz
o <mark>hitiya kalektika kalekti</mark> O	an din tanàna minima dipandra 1641 menantra minima pao		Auto Man -50.0	and the work of the state of th			Auto Man reg Offset
		01					Hz Axis Scale
irt 9 kHz es BW 1.0 MHz	#Video BW 3.0 MHz	Stop 1.0000 GHz Sweep ~1.52 ms (5001 pts)	Log Start 1.	000 GHz W 1.0 MHz	#Video BW 3.0 MHz	Stop 10.000 GHz Sweep ~17.5 ms (35001 pts)	Log Lin
1 7 7 1 ?			n Zoom)	ጎ 🦳 🚺 ? Aug 26, 2:01:30	2021 AM		ignal Track ipan Zoom)
requency l	Range : 10GHz ~	20GHz					
Swept SA Swi	ectrum Analyzer 5 Spectrum Analyzer 6 lept SA Swept SA	Spectrum Analyzer 7 , + )	Frequency •				
Align: Auto	Input Z: 50 Ω #Atten: 30 dB PNO: Fast Corr CCorr RCal Preamp: Off Gate: Off Freq Ref: Int (S) IF Gain: Low	Trig: Free Run MWWWW 15	ter Frequency Settings				
pectrum v	NFE: Adaptive Sig Track: Off Ref Lvl Offset 15.00 dB		n 0000000 GHz				
ale/Div 10 dB	Ref Level 30.00 dBm	-30.65 dBm	Swept Span Zero Span				
			Full Span				
		10	000000000 GHz				
			0 Freq 000000000 GHz				
		<b>↓</b> 1	AUTO TUNE Step				
an a la la data da ana da anti-da da da ana. Anti-da da anti-da da a	ي من يوني المركز المارية والمركز المركز المركز المركز المركز	1.0	Auto Man				
		Fre	Offset				
			z ris Scale				
art 10.000 GHz kes BW 1.0 MHz	#Video BW 3.0 MHz	Stop 20.000 GHz Sweep ~20.4 ms (35001 pts)	Log				
= ^ - ?	Aug 26, 2021 2:01:56 AM		iai Track n Zoom)				

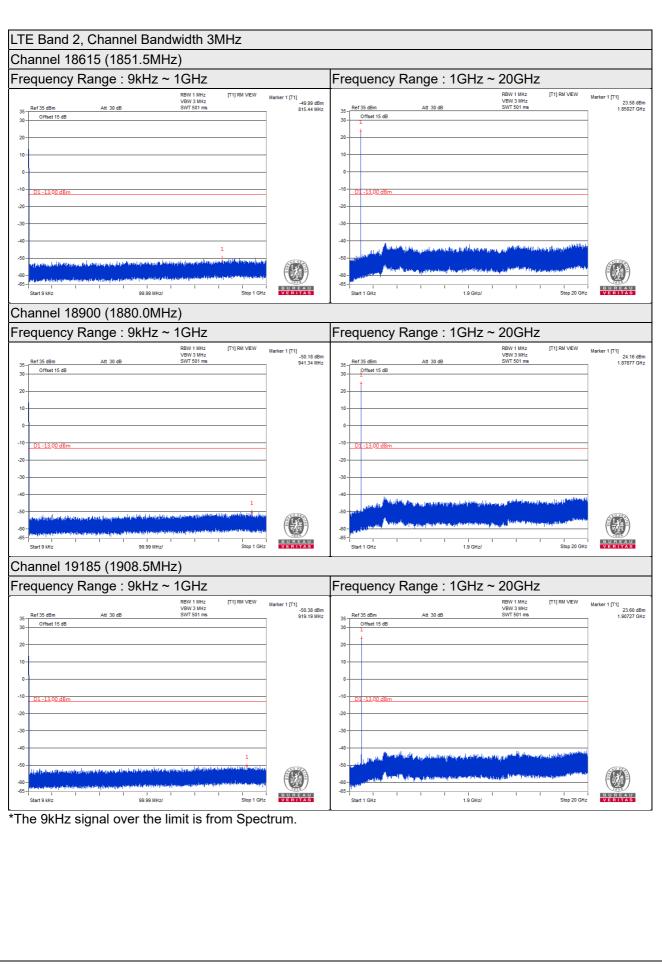


ISUPA							
Channel 953	38 (1907.6MHz)						
requency F	Range : 9kHz ~ 1	IGHz		Frequency F	Range : 1GHz ~	10GHz	
Spectrum Analyzer 4 Spec		Spectrum Analyzer 7	🔅 Frequency 🔹				Frequency •
L + Coupling: DC Cr Align: Auto Fr	put Z: 50 Ω #Atten: 30 dB PNO: Fast orr CCorr RCal Preamp: Off Gate: Off eq.Ref: Int (S) IF Gain: Low	The Free Run	Center Frequency Settings 500.004500 MHz	L +++ Coupling: DC Co Align: Auto Fre	ut Z: 50 Ω I/Atten: 30 dB PNO: Fast rr CCorr RCal Preamp: Off Gate: Off aq Ref: Int (S) IF Gain: Low	#Avg Type: Power (RMS         2         3         4         5         6         Center Free           Avg Hold: 100/100         M         M         M         5.5000000         5.5000000	uency Settin
Spectrum v cale/Div 10 dB	FE: Adaptive Sig Track: Off Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	P NN NN N Mkr1 888.60 MHz -38.74 dBm	Span 999.991000 MHz Swept Span Zero Span	Cor NF 1 Spectrum Scale/Div 10 dB Log 1	E Adaptive Sig Track: Off Ref Lvi Offset 15.00 dB Ref Level 30.00 dBm	P NN NN N Mkr1 1.908 23 GHz 22.82 dBm Zero S	
0			Full Span Start Freq 9.000 kHz Stop Freq	20.0		Full Start Freq 1.0000000 Stop Freq	
0 0 0		UE1-1390 c8m	1.000000000 GHz AUTO TUNE CF Step	-10.0 -20.0 -30.0		CF Step	TUNE
A hard a hig pitter of pite by day	naria dhara dagti khata a ta'arta pinterapité nativa vila d	and a subsection of the subsection of t	99.999100 MHz Auto Man	-40.0 graphitically at significant station		Auto Man	) MHz
			Freq Offset 0 Hz	-50.0		Freq Offset 0 Hz	
irt 9 kHz	#Video BW 3.0 MHz	Stop 1.0000 GHz	X Axis Scale	Start 1.000 GHz	#Video BW 3.0 MHz	Stop 10.000 GHz	,
es BW 1.0 MHz	Aug 26, 2021	Sweep ~1.52 ms (5001 pts)	Log Lin Signal Track		ug 26, 2021	Stop 10.000 GHz Log Sweep ~17.5 ms (35001 pts) Lin	
	Range : 10GHz ~		(Span Zoom)		203:27 AM	Com Com Com Com	
	-		👸 Frequency 🔹				
Swept SA Swep SYSIGHT Input: RF Input: RF Coupling: DC CA Align: Auto Fr	trum Analyzer 5 Spectrum Analyzer 6 ot SA Swept		Center Frequency 15.00000000 GHz Settings				
pectrum v nle/Div 10 dB	Ref Level 30.00 dBm	Mkr1 19.321 14 GHz -30.81 dBm	Span 10.0000000 GHz Swept Span Zero Span				
			Full Span Start Freq 10.000000000 GHz				
		ULT-1300 d8m	Stop Freq 20.000000000 GHz AUTO TUNE				
) meneniski kolektra distriktiona meneniski kolektra distriktionalisti h	Se i f an f fragmen <sup>f f</sup> in a thread into interface works provide in the second s No second		CF Step 1.000000000 GHz Auto Man				
			Freq Offset 0 Hz X Axis Scale				
art 10.000 GHz	#Video BW 3.0 MHz	Stop 20.000 GHz	Log Lin				

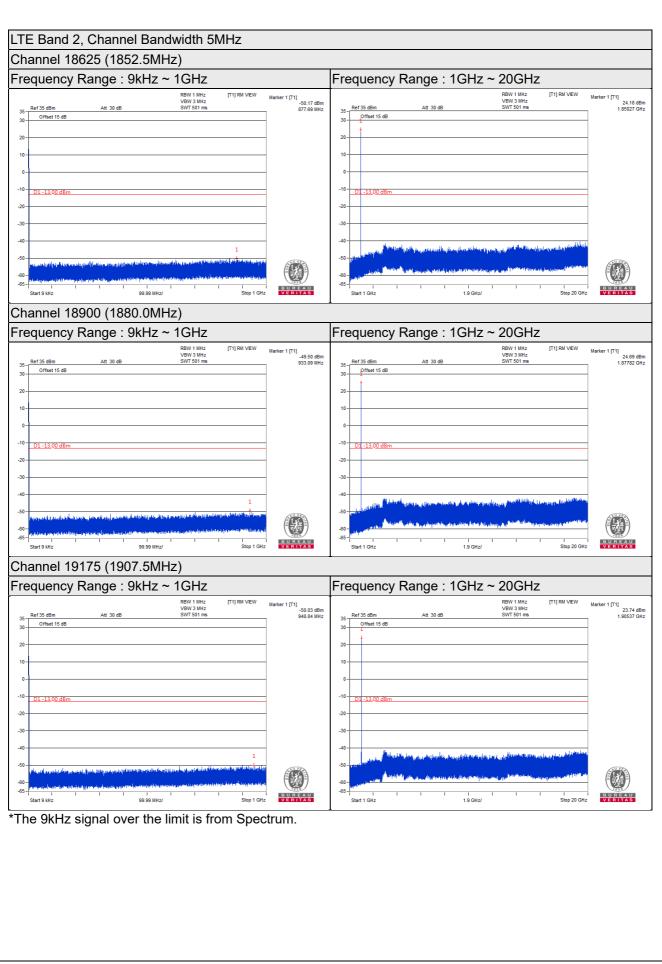




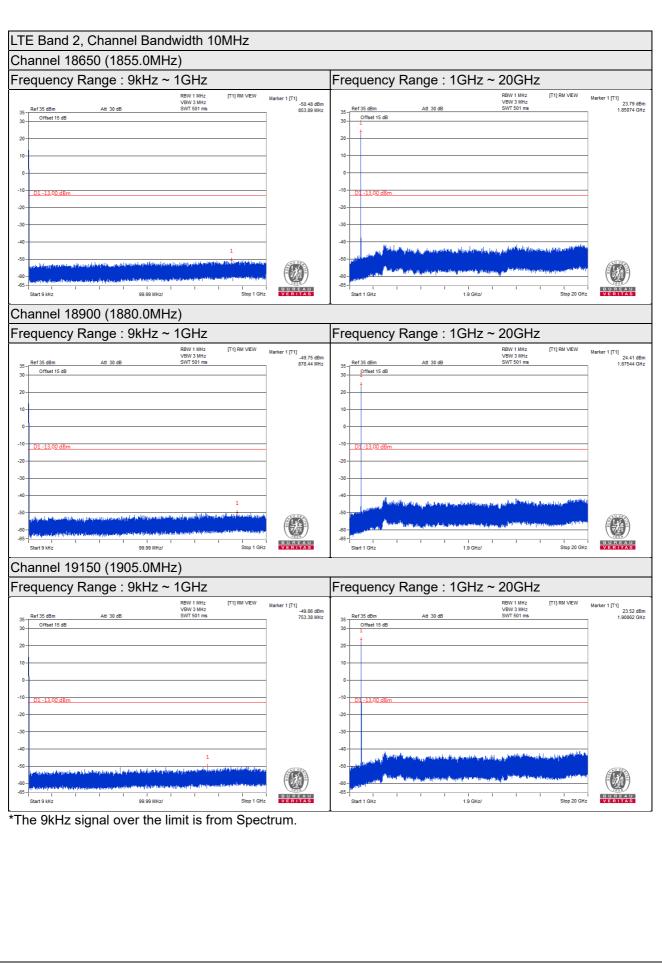




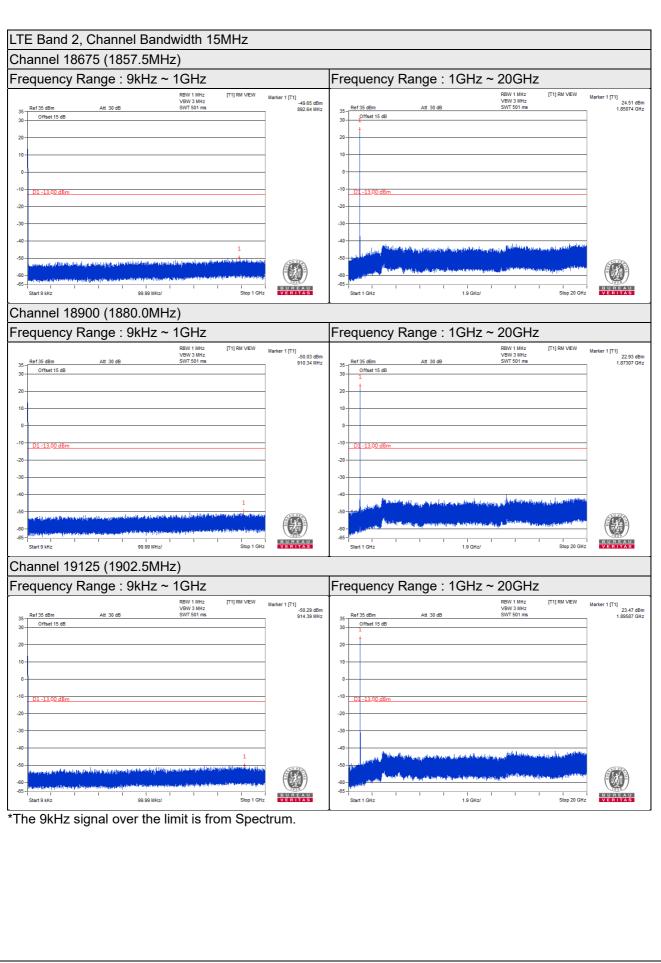




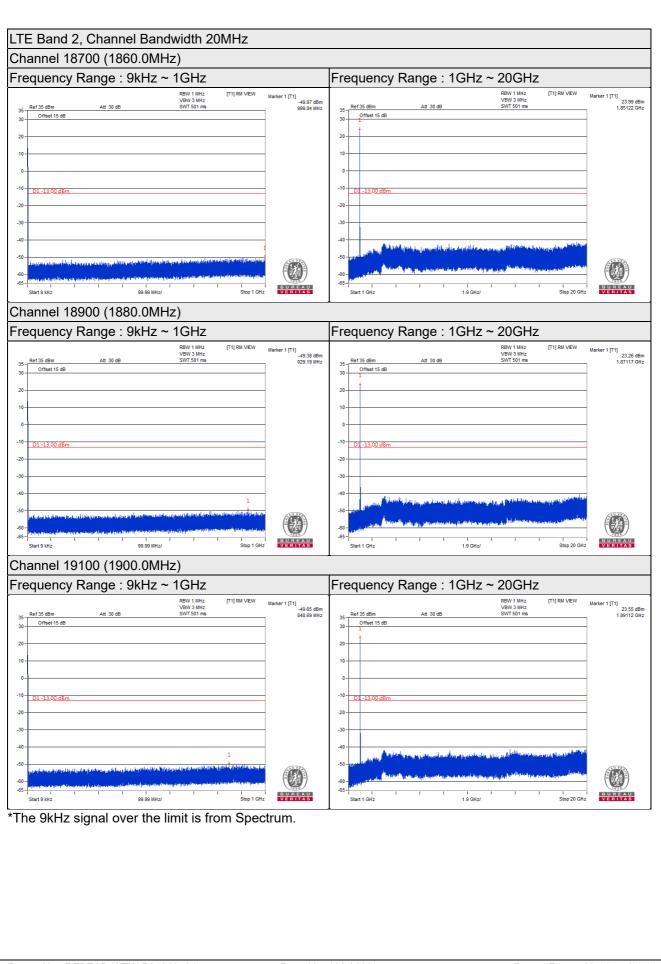




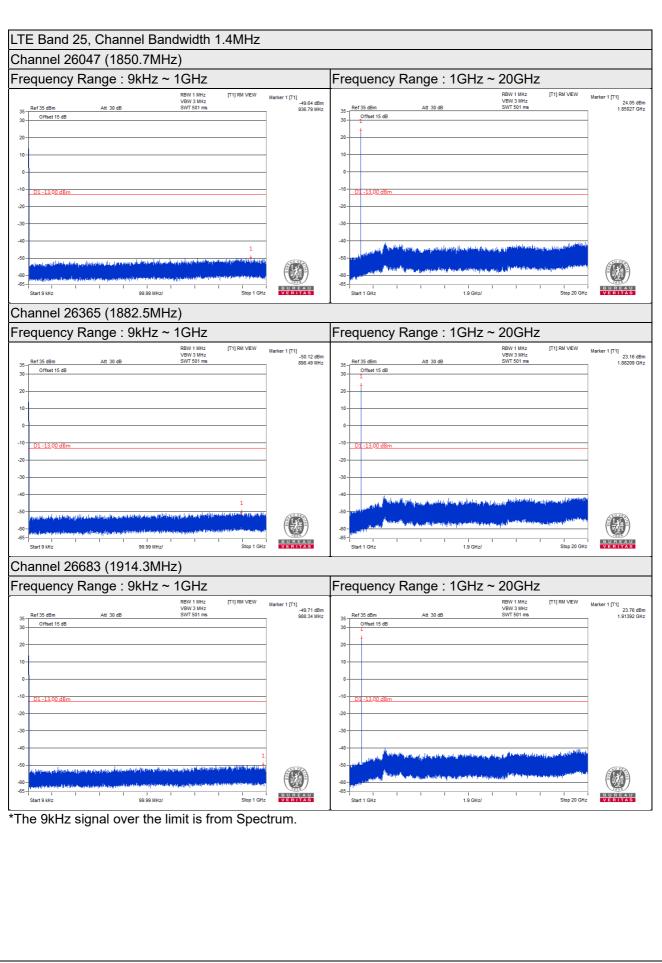




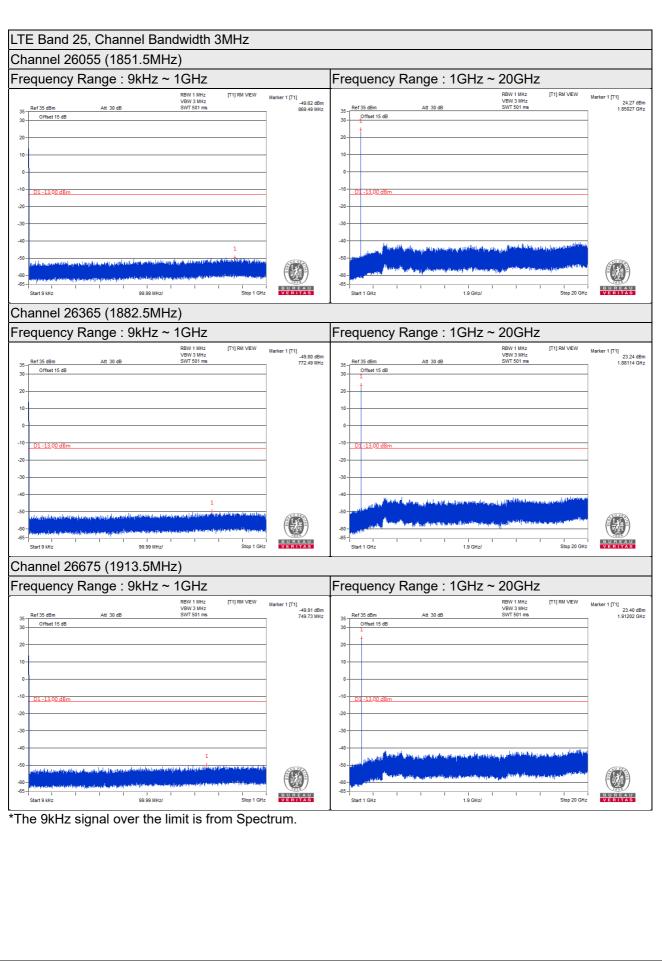




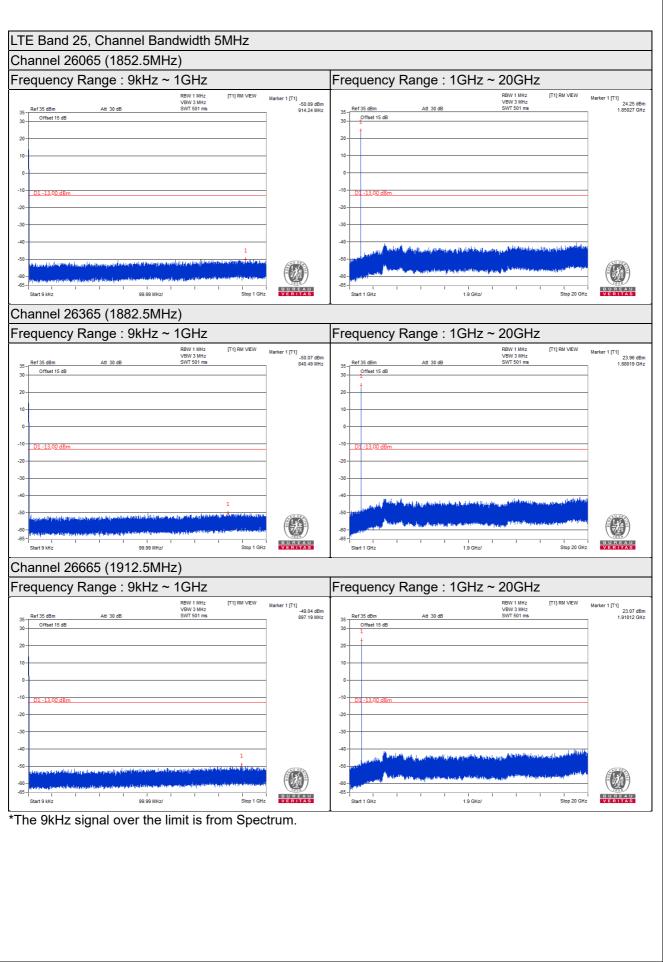




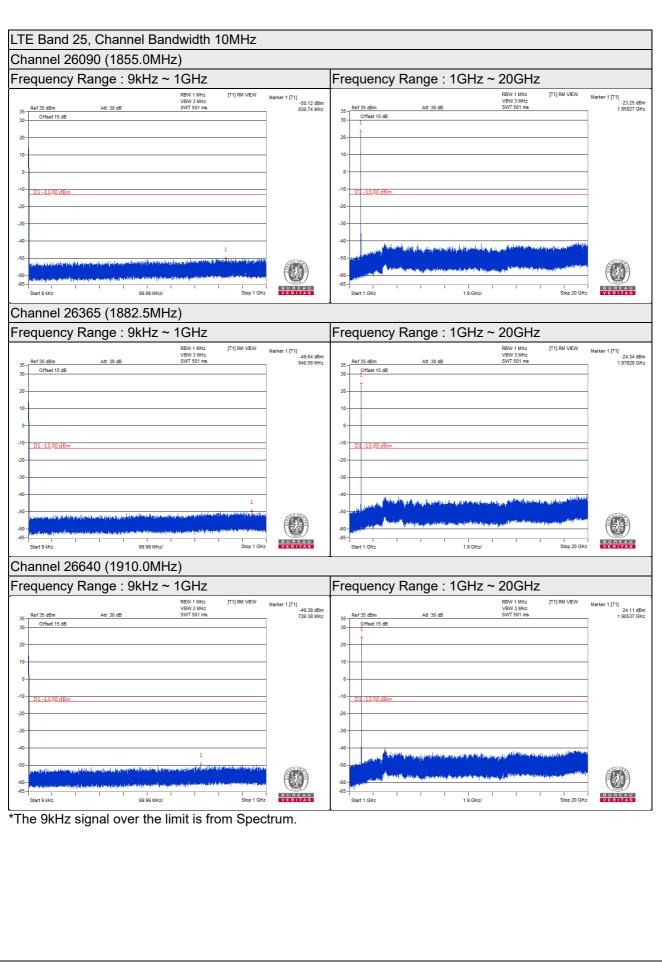




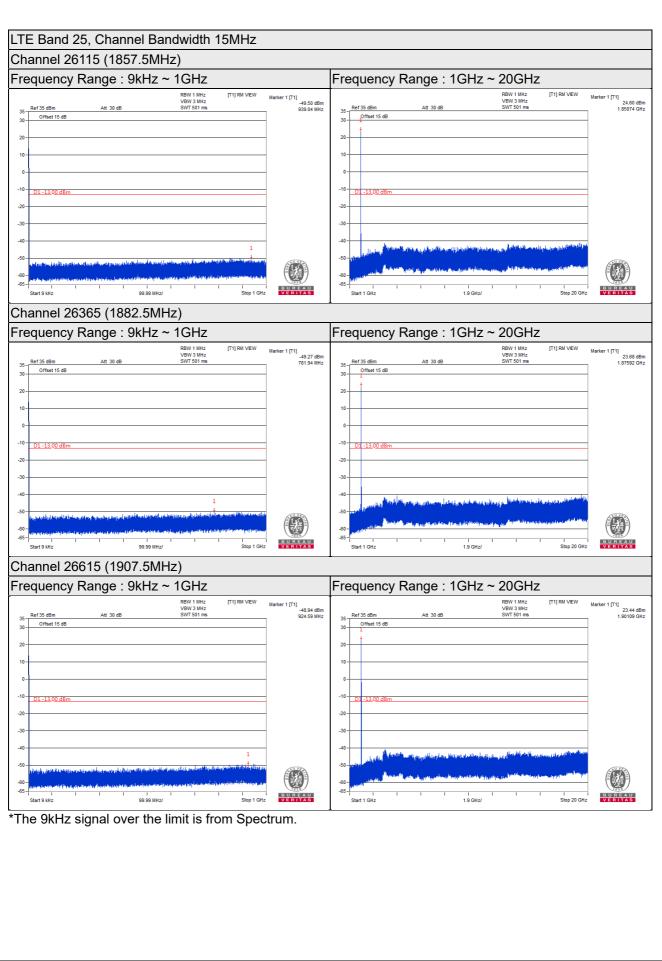




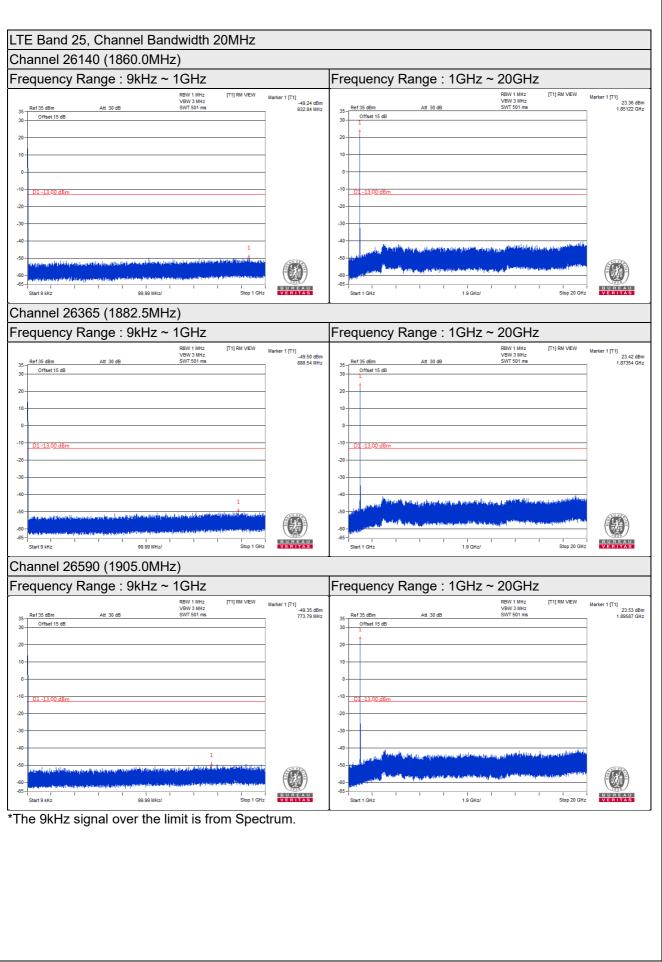














## 4.8 Radiated Emission Measurement

### 4.8.1 Limits of Radiated Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P) dB$ . The emission limit equal to -13 dBm.

## 4.8.2 Test Procedure

- a. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following C63.26 section 5.5 and 5.2.7 EIRP (dBm) = E (dBµV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.
   ERP (dBm) = E (dBµV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

Note:

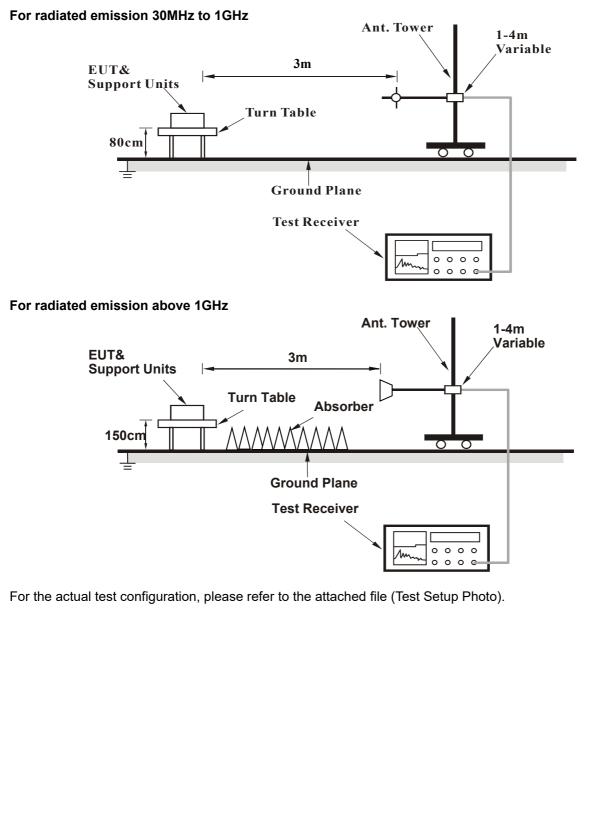
- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.
- The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz: The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

## 4.8.3 Deviation from Test Standard

No deviation.



# 4.8.4 Test Setup





#### 4.8.5 Test Results

Test Mode A GPRS

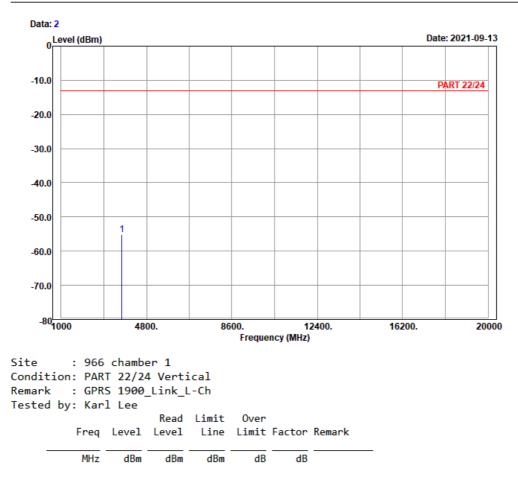
Low Channel











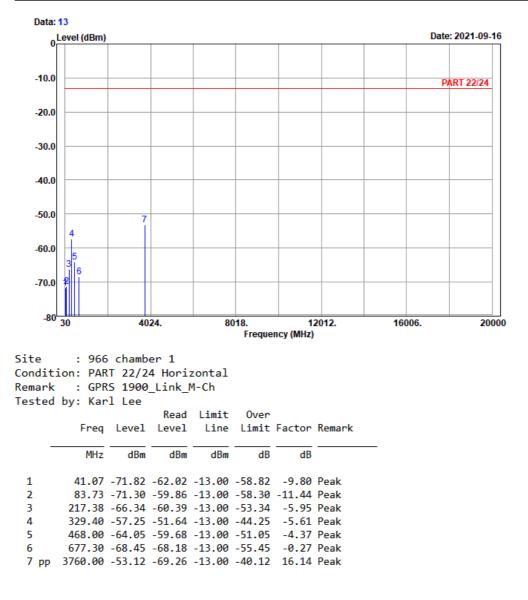
1 pp 3700.40 -55.12 -71.00 -13.00 -42.12 15.88 Peak



# **Mid Channel**

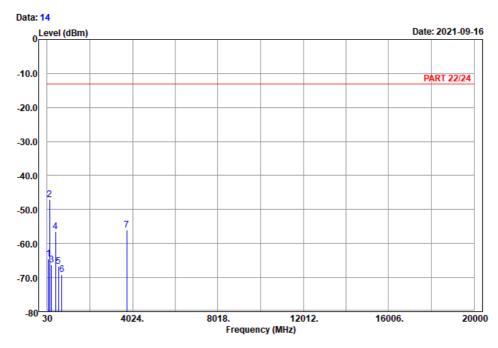


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch









#### Site : 966 chamber 1 Condition: PART 22/24 Vertical Remark : GPRS 1900\_Link\_M-Ch Tested by: Karl Lee Read limit

Freq	Level	Read Level	Limit Line		Factor	Remark	
 MHz	dBm	dBm	dBm	dB	dB		-

1 2 pp					-51.62		
2 pp 3					-53.16		
4	418.30	-56.48	-53.34	-13.00	-43.48	-3.14	Peak
5	552.70	-66.67	-65.13	-13.00	-53.67	-1.54	Peak
6	713.70	-69.07	-68.44	-13.00	-56.07	-0.63	Peak
7	3760.00	-56.10	-72.24	-13.00	-43.10	16.14	Peak

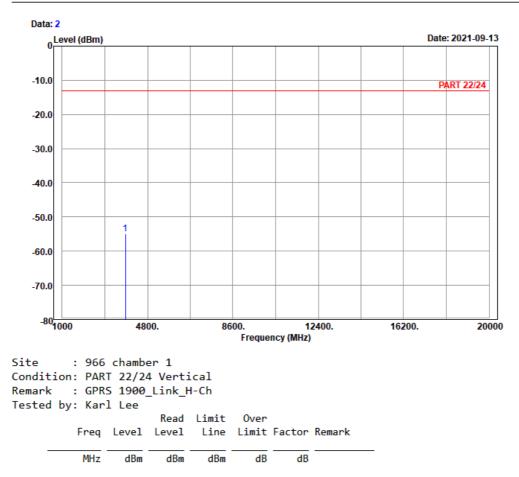


# **High Channel**









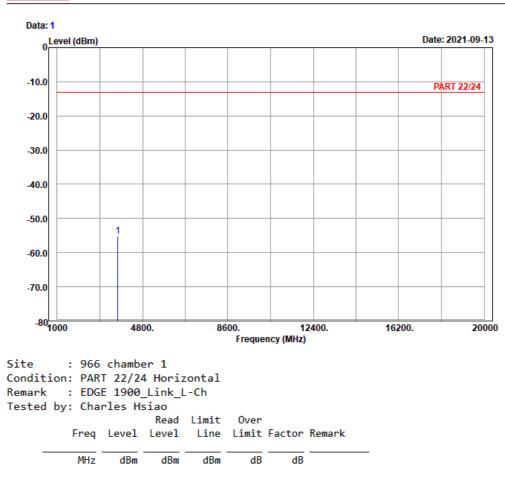
1 pp 3819.60 -55.02 -71.52 -13.00 -42.02 16.50 Peak



# EDGE Low Channel

1

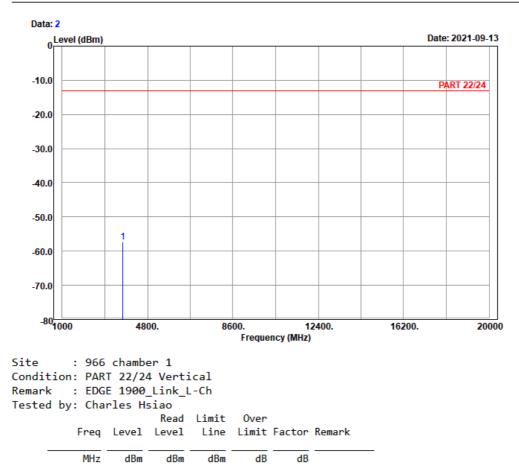
Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



1 pp 3700.40 -55.14 -71.02 -13.00 -42.14 15.88 Peak



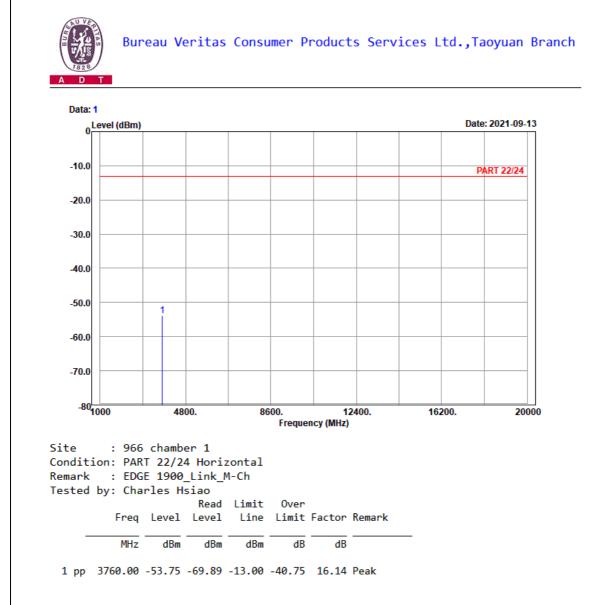




1 pp 3700.40 -57.23 -73.11 -13.00 -44.23 15.88 Peak

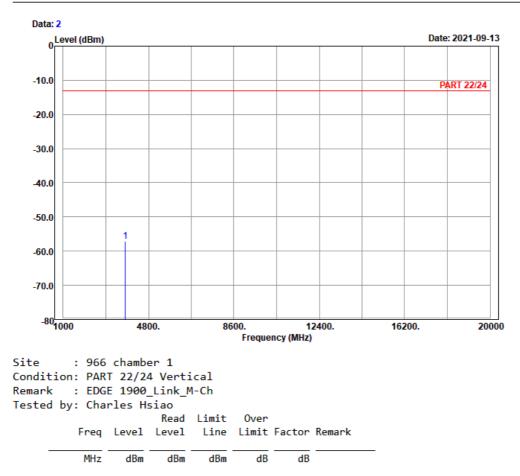


# **Mid Channel**









1 pp 3760.00 -57.14 -73.28 -13.00 -44.14 16.14 Peak