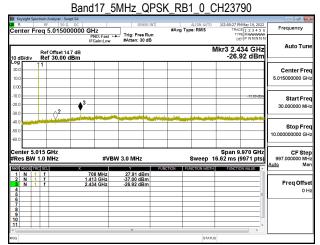


Band17 5MHz QPSK RB1 0 CH23755

S.015000000 5.015000000 f 0ffset 14.7 dB f 30.00 dBm	PNO: Fest - IFGain:Low		Run dB	#Avg Type	N	TRAC TYP DE Ikr3 2.4 -27.5	-10.00 4De	Frequency Auto Tu Center Fr 5.015000000 G Start Fr 30.000000 M
f 30.00 dBm	IFGain:Low	#Atten: 30				-27.5	36 GHz 52 dBm	Center Fr 5.015000000 G Start Fr
								5.015000000 G Start Fr
² → ³								
				air i dessini	a state of the sta	Charles and the	the Contribution of the	
								Stop Fr 10.000000000 G
GHz MHz	#VB	W 3.0 MHz			Sweep 16	6.62 ms (9		CF St 997.000000 M Auto M
	705 MHz 1.413 GHz 2.436 GHz	-37.45 dBr	n	ON FUN	CTION WIDTH	FUNCTIO		Freq Offs 0
		705 MHz 1.413 GHz 2.436 GHz	1.413 GHz -37.46 dB; 2.436 GHz -27.52 dB;	1.413 GHz -37.45 dBm 2.438 GHz -27.52 dBm	1413 GHz - 37.45 dBm 2.436 GHz - 27.52 dBm	14/13 GHz - 37/46 dBm 2438 GHz - 27/52 dBm 	1413 GHz - 37.45 dBm 2.438 GHz - 27.52 dBm	1 413 GHz

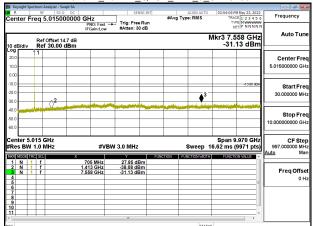


Band17 5MHz QPSK RB1 0 CH23825

- 6									Analyzer - Sv			
Frequency	4 May 19, 2022 E 1 2 3 4 5 6 E M WWWWW	TRAC	ALIGN AUTO e: RMS	#Avg Typ	NSE:INT	1	IZ NO: Fast	0000 G		Freq		Cer
Auto Tun	36 GHz 19 dBm	/kr3 2.4	N		0 dB	#Atten: 3	Gain:Low	⊪.7 dB	f Offset 14 f 30.00		B/div	10 d
Center Fre 5.015000000 GH										X1		20.0 20.0 10.0
Start Fre 30.000000 MH	-10.00 dDm		a shika an al a				alanahan satu di	♦ ³	^2			-10.0 -20.0 -30.0
Stop Fr 10.000000000 G												-40.0 -50.0 -60.0
CF Ste 997.000000 MI <u>Auto</u> Mi	.970 GHz 9971 pts)	6.62 ms (Sweep 1			V 3.0 MHz	#VE	×	MHz	5.015 N 1.0	s Bl	#Re
Freq Offs 01					Bm Bm	26.24 df -36.80 df -26.19 df	2 MHz 6 GHz 16 GHz	71	1	1 f 1 f 1 f	N N	1 2 3 4 5 6 7 8 9
	*	5	STATU			N.						11 <

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Band17_10MHz_QPSK_RB1_0_CH23780



Band17 10MHz QPSK RB1 0 CH23790

Keysight Spectrum Analyzer - Swept SA				
R RF 50 Ω DC	SENSE:	INT ALIGN AUTO #Avg Type: RMS	01:49:03 PM May 19, 2022 TRACE 1 2 3 4 5 6	Frequency
enter Freq 5.015000000	GHZ PNO: Fast ↔ IFGain:Low #Atten: 30 dl	an B	DET P NNNNN	
Ref Offset 14.7 dB dB/div Ref 30.00 dBm		N	lkr3 2.655 GHz -31.52 dBm	Auto Tur
				Center Fre
0				5.015000000 GI
.0			-10.00 dBm	Start Fr
.02	∮ ³			30.000000 M
.0 A CONTRACTOR OF THE OWNER				Stop Fr
.0				10.000000000 G
enter 5.015 GHz es BW 1.0 MHz	#VBW 3.0 MHz	Sweep 1	Span 9.970 GHz 6.62 ms (9971 pts)	CF Ste 997.000000 M Auto M
R MODE TRC SCL X	706 MHz 27.96 dBm	FUNCTION FUNCTION WDTH	FUNCTION VALUE	Auto m
	1.410 GHz -37.74 dBm 2.655 GHz -31.52 dBm			Freq Offs 0
<u> </u>		erone	•	

Band17 10MHz QPSK RB1 0 CH23800

Keysight Spectrum Analyzer - Swept SA				- 0 ×
Center Freq 5.015000000	I GHZ Trig: Free Run	ALIGN AUTO #Avg Type: RMS	01:51:50 PM May 19, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
Ref Offset 14.7 dB 10 dB/div Ref 30.00 dBm	PNO: Fast Trig: Free Run IFGein:Low #Atten: 30 dB	M	Akr3 3.217 GHz -30.67 dBm	Auto Tune
20.0 ¥1				Center Free 5.015000000 GH:
-10.0 -20.0 -30.0	↓ ³		-10.00 d0m	Start Free 30.000000 MH
40.0 40.0 50.0 60.0				Stop Fre 10.000000000 GH
Center 5.015 GHz Res BW 1.0 MHz	#VBW 3.0 MHz		Span 9.970 GHz 6.62 ms (9971 pts)	CF Ste 997.000000 MH Auto Ma
MRR MODE FIRE SOL X	707 MHz 26,99 dBm 1.415 GHz -37.55 dBm 3.217 GHz -30.67 dBm	FUNCTION MOTH	FUNCTION VALUE	Freq Offse 0 H
7 8 9 10 11 11	III		,·	
nsg		STATU	5	

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Band26-Part90s 1.4MHz QPSK RB1 0 CH26697

	Spectr		nalyzer - Swe										
N R Center	Fre	RF q5	50 Ω .01500	0000 GH	IZ NO: Fast	Trig: F	sense: IN		#Avg T)	ALIGN AUTO	TRAC	M May 20, 2022 2 1 2 3 4 5 6 PE M WWWW	Frequency
10 dB/di			Offset 14 30.00 c	.7 dB	Gain:Low	#Atten	30 dB				/kr3 3.6	95 GHz 53 dBm	Auto Tur
20.0 10.0	Ì	1											Center Fr 5.015000000 G
20.0			^2			3	-			L MA		-10.00 dDm	Start Fr 30.000000 M
40.0 50.0 50.0	فليباد		a di dana										Stop Fr 10.000000000 G
Center Res B					#VE	3W 3.0 MH	Iz			Sweep 1		.970 GHz 9971 pts)	
1 N 2 N 3 N 4 5 6 7 8 9 10		f f f		1.62	4 MHz 7 GHz 5 GHz	¥ 27.28 -37.26 -31.53	dBm	FUNC	TION	UNCTION WIDTH	FUNCTI		Freq Off: 0
11						87	-		-				
SG										STATU	5		

R	rctrum Analyzer - Sw RF 50 Ω	DC	OS_1.4M	EINT	ALIGN AUTO	10:22:16 AM	May 20, 2022	
Center F	req 5.01500	DOOOO GHZ PNO: Fast IFGain:Low	Trig: Free F #Atten: 30	tun	Type: RMS	TYP	1 2 3 4 5 6 MWWWW P NNNN	
10 dB/div	Ref Offset 14 Ref 30.00					Mkr3 2.4 -23.6	10 GHz 7 dBm	Auto Tune
20.0 10.0	¥1							Center Fre 5.015000000 GH
-10.0	^2	♦ ³					-10.00 dDm	Start Fre 30.000000 MH
-40.0 -50.0 -60.0	al que Ver							Stop Fre 10.000000000 GH
Center 5. Res BW	1.0 MHz		BW 3.0 MHz			16.62 ms (9	,	CF Ste 997.000000 MH Auto Ma
MGR MODE 10 1 N 1 2 N 1 3 N 1 4 5	16 301 f f f	× 819 MHz 1.637 GHz 2.410 GHz	27.25 dBr -37.19 dBr -23.67 dBr	1	FUNCTION WIDTH	FUNCTIO		Freq Offso 0 ⊦
6 7 8 9 10								
11 /			17		STAT		*	

Band26-Part90s 1.4MHz QPSK RB1 0 CH26783

	ectrum Analyzer -									- 0 ×
Center F		0000000 GH	Z łO:Fast ←	SENSE		#Avg Typ	ALIGN AUTO e: RMS	TRAC	M May 20, 2022	Frequency
10 dB/div	Ref Offset Ref 30.0	14.7 dB	iU: Fast ← Sain:Low	#Atten: 30 d	В		N	™ /kr3 2.4	35 GHz 93 dBm	Auto Tun
20.0 10.0	×1									Center Fre 5.015000000 GH
-10.0 -20.0 -30.0		2 ♦3	and broken and			م دار . ا			-13.00 dDm	Start Fre 30.000000 MH
-40.0 -50.0 -60.0										Stop Fre 10.000000000 G⊦
Center 5. #Res BW	1.0 MHz	X	#VB	W 3.0 MHz	FUNCTIO		Sweep 1	6.62 ms (.970 GHz 9971 pts)	CF Ste 997.000000 MH Auto Ma
1 N 2 N	1 [f]	82 1.64	3 MHz 6 GHz 5 GHz	27.09 dBn -35.92 dBm -28.93 dBm	ļ					Freq Offs 0 H
11 <				. 17			STATUS	5	•	

Report No.: TERF2204000399E2 Page: 152 of 237

Band26-Part90s 3MHz QPSK RB1 0 CH26705

								ipt SA	inalyzer - Swe		ysight S	
Frequency	:09:56 PM May 20, 2022	D 06	ALIGN AUTO		SENSE:	_			50 Ω	RF		F
	TYPE MWWWW DET P NNNNN		Type: RMS			Trig: F #Atten	HZ NO: Fast Gain:Low		01500	req	iter	:er
Auto Tun	3 4.862 GHz -31.44 dBm	Mkr							Offset 14 30.00 c		B/div	0 0
										1		.0g 20.0
Center Fre												
5.015000000 GH		-	-	-	-	-					-	10.0
		-		-	-	-					-	0.00
Start Fre	-10.00 dDm		_			_						10.0
30.000000 MH			_			_						20.0
00.000000					¢°				2			ຄ
	and a grant water built a state of the	ويطاقعون	and interacting of the		distant,	Ne i presi de la composition	a had to get the	al de la companya		1		nr
Stop Fre										-		50.0
10.00000000 GH												
					-							50.0
CF Ste	pan 9.970 GHz									.015		
997.000000 Mi Auto Mi	2 ms (9971 pts)	16.62	Sweep		Hz	W 3.0 MI	#VE		ЛНz	1.0	s BV	Re
Auto Ma	FUNCTION VALUE	TH	FUNCTION WIDT	FUNCTH		Y		×		RC SCI		KØ.
		_				27.36	14 MHz 30 GHz			1 f	N	1
Freq Offs						-31.44	62 GHz			1 f	N	3
0 H		_								-	-	45
												6
		-								-		78
												9
		-								-	_	0
												C
		TUS	STAT									

Band26-Part90s 3MHz QPSK RB1 0 CH26740

📕 Keysight Sp	ectrum Analyzer -								
R		0Ω DC		SENSE		ALIGN A		TRACE 1 2 3 4 5	Frequency
enter F	req 5.015	000000) GHZ PNO:Fast ← IFGain:Low	+- Trig: Free R #Atten: 30 c	lun	vgiype:Rivi:	•	TYPE MWWWW DET PNNNN	N
) dB/div	Ref Offset Ref 30.0							3.782 GH 31.03 dBn	
	1								Center Fre 5.015000000 GH
.0		2		3				-10.00 40	Start Fre
0	ala a M								Stop Fre 10.000000000 Gi
	015 GHz 1.0 MHz		#VBI	W 3.0 MHz		Swee		an 9.970 GH ns (9971 pts	
R MODE II N 1 2 N 1	f	×	818 MHz 1.634 GHz	28.93 dBn -36.88 dBn	1	FUNCTION	MDTH FI	JNCTION VALUE	i —
N 1	f		3.782 GHz	-31.03 dBn	1				Freq Offs
5 7 8 9						-	_		
1	1 1			ш	+	-	1	-	
2						k	TATUS		

Band26-Part90s 3MHz QPSK RB1 0 CH26775

	ectrum Analyzer - Sw						
Center F	RF 50 Ω req 5.01500	00000 GHz			ALIGN AUTO	06:36:43 PM May 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
10 dB/div	Ref Offset 14 Ref 30.00 (0et P NNNN Mkr3 3.807 GHz -30.88 dBm	Auto Tune
20.0 10.0	1						Center Free 5.015000000 GH
-10.0	^2		♦ ³			-10.00 d0n	Start Free 30.000000 MH:
40.0 40.0 50.0							Stop Free 10.000000000 GH
Res BW	015 GHz 1.0 MHz	#	VBW 3.0 MHz			Span 9.970 GHz 6.62 ms (9971 pts)	CF Stej 997.000000 MH Auto Ma
1 N 1 2 N 1 3 N 1 4 5 6 7	f	821 MHz 1.639 GHz 3.807 GHz	-37.22 dE	3m	FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H
8 9 10 11 11			III.		STATU		

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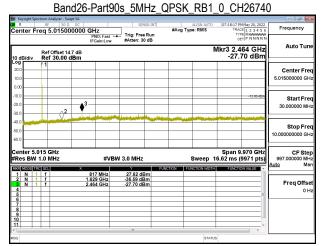
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Band26-Part90s 5MHz QPSK RB1 0 CH26715

🇯 Keysight Sp												
R Center F	[⊮] req 5.01	50 Ω DC 5000000 G	Hz NO:Fast ←	SENSE		#Avg Typ	ALIGN AUTO	TRAC	May 20, 2022 E 1 2 3 4 5 6 E MWWWW	Frequency		
10 dB/div		et 14.7 dB .00 dBm	Gain:Low	#Atten: 30 c	B		1	Akr3 3.8	00 GHz 31 dBm	Auto Tu		
20.0 10.0	*1									Center Fr 5.015000000 G		
20.0		° ²		3					-10.00 dDm	Start Fr 30.000000 M		
10.0 10.0 10.0										Stop Fi 10.000000000 0		
enter 5. Res BW	015 GHz 1.0 MHz		#VBI	N 3.0 MHz			Sweep 1	Span 9 6.62 ms (.970 GHz 9971 pts)	CF St 997.000000 M Auto M		
Note N 1 1 N 1 2 N 1 3 N 1 4 5 6 6 7 8 9 10 11	f f	1.6	15 MHz 30 GHz 00 GHz	27.98 dBn -36.71 dBn -28.81 dBn	1	TION FU	NCTION WIDTH	FUNCTIO		Freq Offs 0		
sg				87			STATU		- ·			



Band26-Part90s 5MHz QPSK RB1 0 CH26765

									nalyzer - Sw		rsight Sp	
Frequency	4 May 20, 2022 E 1 2 3 4 5 6 E M WWWW	TRAC	e: RMS	#Avg Typ	NSE:INT		Iz NO: Fast	0000 GH	50 Ω	req (ter F	Cen
Auto Tune	41 GHz 85 dBm	Akr3 3.8	1		0 dB	#Atten: 3	Sain:Low	⊪.7 dB	Offset 14 30.00 (Ref	3/div	10 dE
Center Fre 5.015000000 GH										¥1		20.0 10.0 0.00
Start Fre 30.000000 MH	-10.00 dBm		anitati dence	(3			<u>്</u> 2			-10.0 -20.0 -30.0
Stop Fre 10.000000000 GH												-40.0 -50.0 -60.0
CF Ste 997.000000 MH <u>Auto</u> Ma	.970 GHz 9971 pts)	6.62 ms (Sweep 1			W 3.0 MHz	#VE	×	/Hz	015 0 1.0 1	s BW	#Re
Freq Offse 0 H	B				Bm Bm	26.61 df -36.54 df -30.85 df	0 MHz 9 GHz 1 GHz	82			N N	1 2 3 4 5 6 7 8
	v b	5	STATU			н						9 10 11 < MSG

Report No.: TERF2204000399E2 Page: 153 of 237

Band26-Part90s 10MHz QPSK RB1 0 CH26740

- 8						pt SA	Analyzer - Swe		
Frequency	07:49:22 PM May 20, 2022	ALIGN AUTO	NT	SENSE		DC		8	R
Frequency	TRACE 1 2 3 4 5 6	Type: RMS]	z	0000 GH	5.01500	r Freq	nte
	DET P NNNN			#Atten: 30 d	NO:Fast ← Gain:Low				
Auto Tur				#Atten: 30 d	Gain:Low	IFO			
Auto Tui	1kr3 2.409 GHz	N				7 40	f Offset 14		
	-28.76 dBm						ef 30.00 c		dB/d
						5	1 00.00 0	X 1	9 F
Center Fre									.a.—
5.015000000 GH									
5.015000000 GF									- 0
									- 00
	1000 400								
Start Fre	-1500 doin								~ –
30.000000 MI						<u></u> 3 —		-	.0
						<u> </u>	2		
	dente a ser la parte de la complete	والمعالية وأنافه محدات	1.525.0	in the state of the line of the	البروسيهيل	and all stress	. V.a		· .
Stop Fre								and the second second	.0 🐜
									.0
10.00000000 GI									
									.0
	Span 9.970 GHz				1		0.11-	r 5.015	
CF Ste 997.000000 MH									
997.000000 Mi Auto Mi	6.62 ms (9971 pts)	Sweep 1		3.0 MHz	#VB		MHZ	3W 1.0	est
Auto Ma	FUNCTION VALUE	FUNCTION WDTH	FUNCT	Y		x	L	DE TRC S	NOC
				27.01 dBm	5 MHz			1 1	N
Freq Offs				-36.66 dBm	29 GHz				N
				-28.76 dBm	09 GHz	2.40		1 1	N
01							-	+ +	
									'
								+	
								+ +	
					-				
	•			m					
		STATUS							

Band26 1.4MHz QPSK RB1 0 CH26797

📕 Keysight Sp	ctrum Analyze	r - Swept SA									
R		50 Ω DC			SE	NSE:INT	#Avg Tvp	ALIGN AUTO		M May 20, 2022 ≈ 1 2 3 4 5 6	Frequency
enter F	req 5.01	500000	PN	Z D:Fast ↔ ain:Low	. Trig: Fre #Atten: 3		#Avg Typ	e. Km3	TY	PE MWWWWW ET P NNNNN	
) dB/div		et 14.7 dB 00 dBm						1		.35 GHz 19 dBm	Auto Tur
20	¥1										Center Fre
											5.015000000 G
.0			3							-10.00 dDn	Start Fr
1.0		_2									30.000000 M
.0	ululuse u	X.	u kan se			-	and the second				Stop Fr
1.0											10.00000000 G
enter 5.	015 GHz 1.0 MHz			#VBV	/ 3.0 MHz			Sweep '		.970 GHz 9971 pts)	997.000000 M
R MODE T		×		MHz	Y 26.62 di		ICTION FUI	NCTION WOTH	FUNCT	ON VALUE	Auto M
N N	f		1.651 2.435	GHz	-35.59 di -25.19 di	3m					Freq Offs 0
5										1	
3 9 9											
1			_	1	ш				-	•	
2								STATI	10		

Band26 1.4MHz QPSK RB1 0 CH26915

Keysight Spectrum Analyzer - Swept SA					- d ×				
R RF 50Ω DC		SENSE:INT	ALIGN AUTO #Avg Type: RMS	09:56:59 AM May 20, 2022 TRACE 1 2 3 4 5 6	Frequency				
Ref Offset 14.7 dB	FRO: Fail Trig: Free Run IFGaint.cv								
0 dB/div Ref 30.00 dBm				-25.04 dBm	Center Fre 5.015000000 GH				
0.0 0.0 0.0 0.0 0.0 00 00 00 00 00 00 00				-10.00 dDn	Start Fre 30.000000 MH				
					Stop Fre 10.000000000 GH				
enter 5.015 GHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 1	Span 9.970 GHz 6.62 ms (9971 pts)	CF Ste 997.000000 Mi Auto Ma				
1 N 1 f 2 N 1 f	836 MHz .669 GHz 2.437 GHz	28.65 dBm -36.42 dBm -25.04 dBm		FUNCTION VALUE	Freq Offs 0 ł				
7 8 9 0 1									
sg			STATU	5	1				

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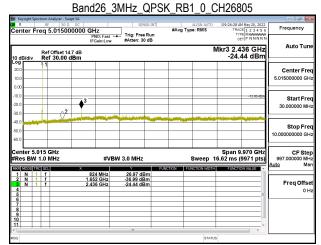
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Band26 1.4MHz QPSK RB1 0 CH27033

	trum Analyzer -									
enter Fr		0 9 DC	47	SENSE		#Ava Type	ALIGN AUTO	TRAC	# May 20, 2022	Frequency
0 dB/div	Ref Offset	14.7 dB	NO: Fast - Gain:Low	Trig: Free F #Atten: 30 c				Wkr3 5.0		Auto Tu
20.0 10.0	*1							-00.		Center Fr 5.015000000 G
20.0		2 ²			3				-10.00 dDm	Start Fr 30.000000 N
10.0 30.0 30.0										Stop Fr 10.000000000 0
enter 5.0 Res BW	1.0 MHz		#VB	W 3.0 MHz			<u> </u>	16.62 ms (CF Si 997.000000 M Auto M
I N 1 1 N 1 2 N 1 3 N 1 4 5 6 7 8 9 9 10 10		1.6	48 MHz 98 GHz 99 GHz	27.76 dBn -35.11 dBn -30.87 dBn	1		CTION WIDTH	FUNCTIO		Freq Off
11					-				· ·	

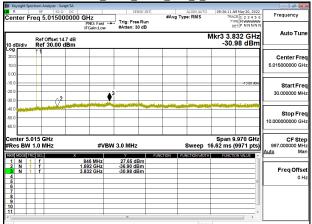


Band26 3MHz QPSK RB1 0 CH26915

	rum Analyzer - Swept SA						
Center Fre	RF 50 Ω DC eq 5.01500000		SENSE:INT	#Avg Typ	ALIGN AUTO e: RMS	09:30:56 AM May 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
10 dB/div	Ref Offset 14.7 dE Ref 30.00 dBm	IFGain:Low	#Atten: 30 dB		N	0ET P NNNNN Mkr3 2.439 GHz -24.67 dBm	Auto Tun
20.0 10.0	*1						Center Fre 5.015000000 GH
-10.0 -20.0 -30.0	^2	3				-10.00 dDm	Start Fre 30.000000 MH
-40.0 -50.0 -60.0							Stop Fr 10.00000000 G
Center 5.01 #Res BW 1	.0 MHz	#VBV	V 3.0 MHz		Sweep 1	Span 9.970 GHz 6.62 ms (9971 pts)	CF St 997.000000 M Auto M
	f f f	835 MHz 1.675 GHz 2.439 GHz	28.80 dBm -36.89 dBm -24.67 dBm				Freq Offs 0
9 10 11 (N.		STATU	*	

Report No.: TERF2204000399E2 Page: 154 of 237

Band26_3MHz_QPSK_RB1_0_CH27025



Band26 5MHz QPSK RB1 0 CH26815

	ectrum Anal	lyzer - Swept Si	Α							
R	RF	50 Ω D			SENSE:INT	#A.u. T.	ALIGN AUTO		May 19, 2022	Frequency
enter F	req 5.0)150000	PNO: Far IFGain:Lo		g: Free Run ten: 30 dB	#Avg I)		TYI Di		Auto Tun
0 dB/div		fset 14.7 d 0.00 dBr					I	4 Mkr3 2.4 -28.	36 GHz 91 dBm	Auto Tuli
0.0	Ť1			_		_				Center Fre
.00										5.015000000 GH
.0				-		-			-10.00 dDm	Start Fre
0.0		2	♦ ³			anna àr saeltair				30.000000 MH
.0	يسبيهم									Stop Fre
						_				10.00000000 GH
	015 GH 1.0 MH		#	VBW 3.0	MHz		Sweep 1	Span 9 6.62 ms (.970 GHz 9971 pts)	CF Ste 997.000000 Mi Auto Mi
R MODE T	1 f		× 825 MHz	27	.69 dBm	FUNCTION	UNCTION WIDTH	FUNCTION	IN VALUE	Auto ma
N [·]			1.653 GHz 2.436 GHz		.99 dBm .91 dBm					Freq Offs 0 H
5 5 7 8										
9									_	
1				I				I		
							STATU	e		

Band26 5MHz QPSK RB1 0 CH26915

	um Analyzer - Swept								×
R	RF 50 Ω q 5.015000		SEN	SE:INT	#Avg Tvp	ALIGN AUTO		MMay 19, 2022	Frequency
		PNO: Fast IFGain:Low	Trig: Free #Atten: 30		WONG LYP		TYI Di	38 GHz	Auto Tun
	Ref Offset 14.7 Ref 30.00 dE							66 dBm	
20.0	1								Center Fre
10.0									5.015000000 GH
10.0								-10.00 dBm	Start Fre
20.0		→ ³							30.000000 MH
30.0 40.0		ALC: NO. OF THE OWNER OF THE OWNE		dia	-	and the particular		Name and Post of the Owner, where the Owner	
50.0									Stop Fre
60.0					-				10.00000000 GH
enter 5.01					-			.970 GHz	CF Ste
Res BW 1.		#V	BW 3.0 MHz	510		Sweep 1		9971 pts)	997.000000 MH Auto Ma
1 N 1		834 MHz 1.671 GHz	28.45 dE	Im		CHOR WOTH	Poneth		
3 N 1	f	2.438 GHz	-27.66 dB						Freq Offs
5 6								=	
7 8									
9									
1	-		ш						
sg						STATU	5		

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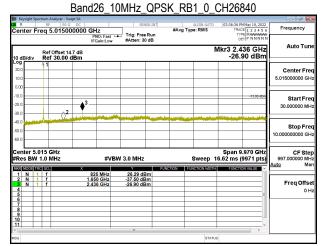
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Band26 5MHz QPSK RB1 0 CH27015

Keysight Spectrum Analyzer - Sw							
enter Freq 5.01500	00000 GHz	SENSE:IN	#Avg Typ	ALIGN AUTO	04:42:14 PMM TRACE	ay 19, 2022 1 2 3 4 5 6	Frequency
Ref Offset 14 0 dB/div Ref 30.00		#Atten: 30 dB		N	Akr3 2.43 -28.39	5 GHz	Auto Tui
•g X1 20.0 10.0							Center Fr 5.015000000 G
0.0 0.0 0.0	♦ ³					-10.00 dDm	Start Fr 30.000000 M
0.0 0.0 0.0							Stop Fr 10.00000000 G
enter 5.015 GHz Res BW 1.0 MHz		BW 3.0 MHz		<u> </u>	Span 9.9 6.62 ms (99	71 pts)	CF St 997.000000 M Auto M
CB MODE FRG SQL 1 N 1 f	X 845 MHz 1.689 GHz 2.435 GHz	Y 26.51 dBm -34.78 dBm -28.39 dBm	FUNCTION FU	NOTION WIDTH	FUNCTION		Freq Off

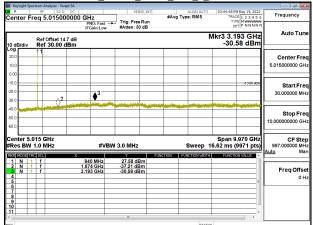


Band26 10MHz QPSK RB1 0 CH26915

	ectrum Analyzer - S					×
Center F	RF 50 req 5.0150	00000 GHz	SENSE:INT	#Avg Type: RMS	03:41:56 PM May 19, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
10 dB/div	Ref Offset 1 Ref 30.00		#Atten: 30 dB		Mkr3 2.439 GHz -27.93 dBm	Auto Tun
20.0 10.0	*1					Center Fre 5.015000000 GH
-10.0	02	2 ♦3			-10.00 dDm	Start Fre 30.000000 MH
-40.0 -50.0 -60.0						Stop Fro 10.000000000 G
Center 5. #Res BW	1.0 MHz	#VE	W 3.0 MHz	Sweep '	Span 9.970 GHz 16.62 ms (9971 pts)	CF Ste 997.000000 M <u>Auto</u> M
1 N 2 N 3 N 4 5 6 7 8	1 f	832 MHz 1.664 GHz 2.439 GHz	26.97 dBm -36.22 dBm -27.93 dBm			Freq Offs 0 H
9 10 11			17	STATL		

Report No.: TERF2204000399E2 Page: 155 of 237

Band26_10MHz_QPSK_RB1_0_CH26990



Band26 15MHz QPSK RB1 0 CH26865

	ectrum Analyzer -									
R		Ω DC		SENS	E:INT	_	ALIGN AUTO		M May 19, 2022	
enter F	req 5.015	000000	GHz	Tria: Free		Avg Typ	e:RMS	TY	CE 1 2 3 4 5 6	
			PNO: Fast + IFGain:Low	#Atten: 30				0	ET P NNNN	4
								Abr 3 2 /	38 GHz	Auto Tui
	Ref Offset								69 dBm	
dB/div	Ref 30.0	U dBM						-21.	US UDIII	
	<u>↑</u> 1									Center Fr
										5.015000000 G
										5.015000000 G
0	_		_	-						
0		_		_					-10.00 dDm	Start Fr
.0		▲3								30.000000 M
.0		2								30.000000 M
	V V		and the set	Autor Antonio	م المحصول ال	above sets	and a surface	a and a sum la	and the second states	
0										Stop Fr
.0		-		-						10.000000000 G
.0		_								10.000000000
	015 GHz								.970 GHz	
es BW	1.0 MHz		#VB	W 3.0 MHz			Sweep 1	6.62 ms ((9971 pts)	997.000000 M Auto M
MODE TI		х		Y	FUNCTIO	N FUI	NCTION WIDTH	FUNCT	ON VALUE	Auto
N 1	1		825 MHz	27.53 dB						
N			.649 GHz .438 GHz	-36.41 dB					_	Freq Offs
					-					
									_	
						_				
					-					
									*	
				m						
							CTATU			

Band26 15MHz QPSK RB1 0 CH26915

	ectrum Analyzer - Sw							- 0 ×
Center F	req 5.01500	00000 GHz	SENSE:	#Avg T	ALIGN AUTO ype: RMS	02:29:50 PM May 1 TRACE 1 2 : TYPE M W	3456	Frequency
10 dB/div	Ref Offset 14 Ref 30.00 (Mkr3 4.857 0 -30.92 d	GHZ	Auto Tune
20.0 10.0	¥1							Center Free 5.015000000 GH:
-10.0			3_				00 dDm	Start Free 30.000000 MH
40.0 44.00 50.0								Stop Fre 10.000000000 GH
	1.0 MHz	#V	'BW 3.0 MHz			Span 9.970 16.62 ms (9971	pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 2 N 1 3 N 1 4 5 6 7 8	f	X 830 MHz 1.660 GHz 4.857 GHz	26.65 dBm -36.14 dBm -30.92 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALU		Freq Offse 0 H
9 10 11 1			III.		STAT	2	•	

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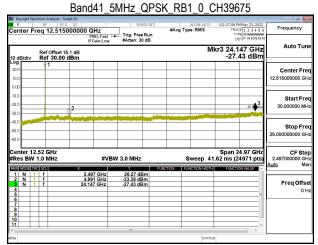
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Band26 15MHz QPSK RB1 0 CH26965

arvg Type: RMS Trace Frequency Trig: Free Run Braint.low Auto Tun Colspan="2">Auto Tun Colspan="2">Colspan= Colspan= 200 Colspan= 200 Colspan= 200 Start Free 30.000000 Ri Storp Free 30.000000 Ri Colspan= 200 Span 9.070 GHz Storp Free 30.000000 Colspan= 200		ectrum Analyzer - Swept S							
If Gain Low #Atten: 30 dB Cert Print 0 -26.66 dBm	R Center Fr		000 GHz		#Avg Ty	ALIGN AUTO pe: RMS	TRAC	E 1 2 3 4 5 6	
000 000 <th>10 dB/div</th> <th></th> <th>IFGain:Low</th> <th>#Atten: 30 dB</th> <th>1</th> <th>N</th> <th>1kr3 2.4</th> <th>38 GHz</th> <th>Auto Tun</th>	10 dB/div		IFGain:Low	#Atten: 30 dB	1	N	1kr3 2.4	38 GHz	Auto Tun
000 33 100 330.000000 M 000 0	20.0 10.0	11							Center Fre 5.015000000 GH
0.0	20.0	^2	Y						
Res BW 1.0 MHz #VBW 3.0 MHz Sweep 16.62 ms (9971 pts) service s	40.0 50.0 60.0								
Normalize Fill State V Enterior Participation Participation </td <td></td> <td></td> <td>#VB</td> <td>N 3.0 MHz</td> <td></td> <td>Sweep 1</td> <td></td> <td></td> <td>997.000000 M</td>			#VB	N 3.0 MHz		Sweep 1			997.000000 M
	1 N 1 2 N 1 3 N 1 4 5 6 7 8	f	835 MHz 1.669 GHz	29.06 dBm -37.21 dBm	FUNCTION	NCTION WIDTH	FUNCTIO		Freq Offs

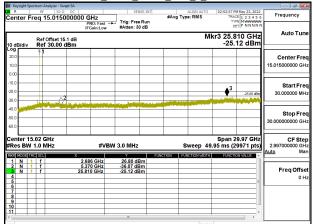


Band41 5MHz QPSK RB1 0 CH40620

	4 May 23, 2022	02:40:22.0	ALIGN AUTO	_	SE:INT				nalyzer - Swi 50 Ω	pectrum A		Key R
Frequency	E123456	TRAC		#Avg Typ			GHz	00000				
Auto Tu	47 GHz 63 dBm	kr3 28.8	М			#Atten: 30	FGain:Low	ii 1 dB	Offset 15 30.00 (B/div	0 dE
Center Fr 15.015000000 G										*1		.0g 20.0 10.0
Start Fr 30.000000 M	-25.0 dBm								²		_	10.0 20.0 30.0
Stop Fi 30.000000000 0									1. J. 1. 100			40.0 50.0 50.0
CF St 2.997000000 (Auto M	nter 15.02 GHz Span 29.97 GHz es BW 1.0 MHz #VBW 3.0 MHz Sweep 49.95 ms (29971 pts) 20061 ftrej 201 x v revision 2 revisi								Re			
Freq Off 0		FUNCTION	ICTION WIDTH	TION	m m	27.79 dBr -33.91 dBr -25.63 dBr	91 GHz 77 GHz 47 GHz	5.1		1 f 1 f 1 f	N N N	1
	•					57						8 9 10 11
		5	STATU									SG

Report No.: TERF2204000399E2 Page: 156 of 237

Band41_5MHz_QPSK_RB1_0_CH41565



Band41 10MHz QPSK RB1 0 CH39700

📕 Keysight Spi											
enter F	RF req 15	50 Q				SE:INT	#Avg Typ	ALIGN AUTO	TRA	OE 1 2 3 4 5 6	
0 dB/div		ffset 15.1 30.00 dl	IF(NO:Fast ⊶ Sain:Low	#Atten: 30			м	kr3 29.	563 GHz 65 dBm	Auto Tun
09 0.0	X1										Center Fre 15.015000000 GH
0.0		⊘2								-25.00 d	Start Fre 30.000000 MH
0.0 0.0 0.0											Stop Fre 30.00000000 GH
enter 15 Res BW	1.0 M		×	#VB\	W 3.0 MHz	FUE		weep 49).95 ms (2	29.97 GHz 29971 pts)	
1 N 1 2 N 1 3 N 1 4 5 6	f f		2.49 4.99 29.56	7 GHz 6 GHz 3 GHz	26.11 dB -33.89 dB -25.65 dB	m					Freq Offs 0 F
7 8 9 0											
20					m			STATU	e	•	

Band41 10MHz QPSK RB1 0 CH40620

1900 DC 115000000 GHz PRO: Fast FGainLow FGainLow et 16.1 dB .00 dBm	#Atten: 30 dB		(02:11:27 PM May 23, 02:0 TTOPE (12:34 5 TYPE (12:34 5 OEI (12:34 5	Frequency
IFGain:Low iet 15.1 dB .00 dBm .00 dBm	#Atten: 30 dB		Der P NNN Ikr3 29.564 GH -26.28 dBr	Auto Tuno Center Free 15.01500000 GH: Start Free
^2				15.015000000 GH:
		description of the second s		
				Stop Fre 30.000000000 GH
#VE	3W 3.0 MHz	Sweep 49	Span 29.97 GH 9.95 ms (29971 pts	
2.589 GHz 5.174 GHz 29.564 GHz	27.80 dBm -33.10 dBm -26.28 dBm			Freq Offse
		29.564 GHz -26.28 dBm	29.584 GHz26.28 dBm	

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Band41_10MHz_QPSK_RB1_0_CH41540

Keysight Spectrum Analyz							
R RF Center Freq 15.	50 Ω DC 015000000 GHz PNO: Fast	SENSE:INT	#Avg Type: RMS	02:16:54 PM May 23, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency		
0 dB/div Ref 30	IFGain:Low set 15.1 dB 0.00 dBm		М	kr3 28.815 GHz -25.79 dBm	Auto Tur		
09 × 1 20.0 10.0					Center Fr 15.015000000 G		
80.0	2			-25, 040n	Start Fr 30.000000 M		
0.0 0.0 0.0					Stop Fr 30.000000000 G		
enter 15.02 GHz Span 29.97 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.95 ms (29971 pts)							
MODE TRO SSU 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - - 7 - - - 9 - - - 10 - - -	X 2.681 GHz 5.363 GHz 28.815 GHz	27.32 dBm -34.86 dBm -25.79 dBm	FUNCTION WOTH	FUNCTION VALUE	Freq Offs 0		

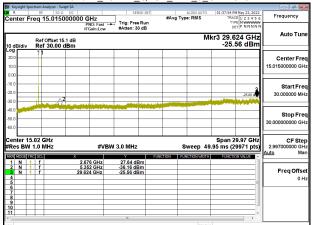
		Band41 1	5MHz QP	SK RB1 0	CH39725	
Keysight Sp	ictrum Analyzer - Sv				01100720	0 0
R	RF 50 G	2 DC	SENSE:INT	ALIGN AUTO #Avg Type: RMS	12:00:32 PM May 23, 2022 TRACE 1 2 3 4 5 6	Frequency
Jenter P	req 15.015	000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	wavg Type, runs	TYPE MWWWW DET P NNNNN	
10 dB/div	Ref Offset 1 Ref 30.00			М	kr3 28.775 GHz -25.70 dBm	Auto Tun
-og	1					
20.0		+				Center Fre
10.0						15.015000000 GH
0.00		+ +				
10.0		+ +				Start Fre
20.0	~2				-25 dBn	30.000000 MH
0.0	2 A		and the second second second second		the second second second second	
40.0	Constant and the second second					Stop Fre
50.0						30.00000000 GH
50.0						00.000000000
enter 1	.02 GHz				Span 29.97 GHz	CF Ste
	1.0 MHz	#V!	BW 3.0 MHz	Sweep 49	.95 ms (29971 pts)	2.997000000 GH
IKR MODE T	IC SCL	×	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1	f	2.497 GHz 4.995 GHz	27.90 dBm -33.96 dBm			
3 N 1		28.775 GHz	-25.70 dBm			Freq Offs
4						0 H
6						
8						
9						
11					•	
< [87	STATU	•	

Band41 15MHz QPSK RB1 0 CH40620

🐹 Keysight Spectrum Analyzer - Swep					- d 💌
Center Freq 15.01500		SENSE:INT	#Avg Type: RMS	01:14:53 PM May 23, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
Ref Offset 15.' 10 dB/div Ref 30.00 d		#Atten: 30 dB	М	kr3 26.044 GHz -25.49 dBm	Auto Tun
20.0 × 1 10.0 0.00					Center Fre 15.015000000 GH
-10.0 -20.0 -30.0	a such a such as had as			3 -25.00 d⊟n	Start Fre 30.000000 MH
-40.0					Stop Fre 30.00000000 GH
Center 15.02 GHz #Res BW 1.0 MHz	CF Ste 2.997000000 GI Auto Mi				
Marge House Hause F 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - - 7 - - - 9 - - -	X 2.587 GHz 5.173 GHz 26.044 GHz	Y FU 27.74 dBm -33.33 dBm -25.49 dBm	NCTION FUNCTION WIDTH		Freq Offs 0 F
9 10 11 4 MSG		17	STATU	s	

Report No.: TERF2204000399E2 Page: 157 of 237

Band41_15MHz_QPSK_RB1_0_CH41515



Band41 20MHz QPSK RB1 0 CH39750

📕 Keysight Spi											
Center F	RF req 1	5.0150				ISE:INT	#Avg Ty	ALIGN AUTO	TRA	AM May 23, 2022 CE 1 2 3 4 5 6 (PE M WWWWW	Frequency
0 dB/div)ffset 15. 30.00 d	iFC 1 dB	4O:Fast ← Sain:Low	#Atten: 3			м	kr3 29.	266 GHz	Auto Tun
og 20.0 10.0	01										Center Fre 15.015000000 GH
0.0		²	an of a black							-25.00 3	Start Fre 30.000000 MH
											Stop Fre 30.00000000 GH
enter 15 Res BW	1.0 M		×	#VB	W 3.0 MHz			weep 49	9.95 ms (2	29.97 GHz 29971 pts)	CF Ste 2.997000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5	f		2.49	7 GHz 0 GHz 6 GHz	19.26 dE -34.85 dE -26.18 dE	3m 3m					Freq Offs 0 H
6 7 8 9 0											
					Ш			etati	-1	- · ·	

Band41 20MHz QPSK RB1 0 CH40620

	ectrum Analyzer - Sw					
Center F	req 15.0150	000000 GHz	SENSE:INT	#Avg Type: RMS	12:02:52 PM May 23, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
10 dB/div	Ref Offset 15 Ref 30.00 (#Atten: 30 dB	М	kr3 28.767 GHz -25.23 dBm	Auto Tune
20.0 10.0						Center Fre 15.015000000 GH
20.0					-25 3 -25 3 dBn	Start Fre 30.000000 MH
40.0 50.0 60.0						Stop Fre 30.000000000 GH
Res BW	5.02 GHz 1.0 MHz	#VE	SW 3.0 MHz		Span 29.97 GHz 9.95 ms (29971 pts)	CF Ste 2.997000000 GH Auto Ma
1 N 2 N 3 N 4 5 6 7 8	f	X 2.587 GHz 5.169 GHz 28.767 GHz	20.84 dBm -33.84 dBm -25.23 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offs 0 ⊦
9 10 11			10	STATU	• •	

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Band41 20MHz QPSK RB1 0 CH41490

	PNO: Fast IFGaint.ow .00 dBm	SENSE: INT		113:433 JM My 72, 2022 TROCE 12:3 4:5 6 TROCE	Frequency Auto Tune Center Freq 15.015000000 GHz Start Freq 30.000000 MHz
10 dB/div Ref Offs 10 dB/div Ref 30 200 0 000 0	PNO: Fast IFGaint.ow .00 dBm	#Atten: 30 dB		kr3 25.627 GHz -25.98 dBm	Center Frec 15.015000000 GH2 Start Frec
Log 1 200 1 100 0 100 0 10				-25.00 dBn	15.015000000 GH2 Start Fred
-10.0 -20.0 -30.0 -40.0 -50.0 -60.0				-25.00 dBn	
-50.0 -50.0 -60.0 Center 15.02 GHz			And a substantial data and the	· · · · · ·	
					Stop Fre 30.000000000 GH
MKR MODE TRC SCL		BW 3.0 MHz	Sweep 49	Span 29.97 GHz 9.95 ms (29971 pts) EUXEDON/WOULD -	CF Ste 2.997000000 GH Auto Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 5 - - 6 - - - 7 - - 8 -	2.671 GHz 5.344 GHz 25.627 GHz	16.54 dBm -35.42 dBm -25.98 dBm		FORCHOW 7/LOL	Freq Offse 0 H
9 10 11 4		87.	STATUS	•	

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10 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

10.1 Standard Applicable

According to FCC §2.1053,

FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

Out of band emissions. 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 $43 + 10 \log(P) dB$.

FCC §27.53(g)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

FCC §27.53(h)(1)

(h) *AWS emission limits*—(1) *General protection levels.* Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and

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one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

FCC §90.691 Emission mask requirements for EA-based systems

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

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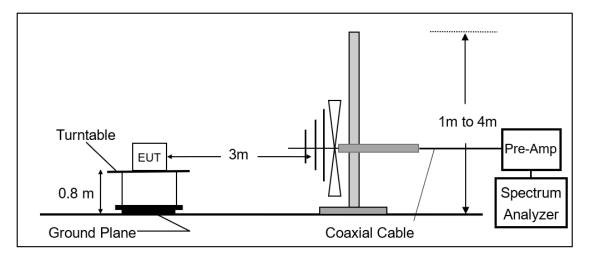
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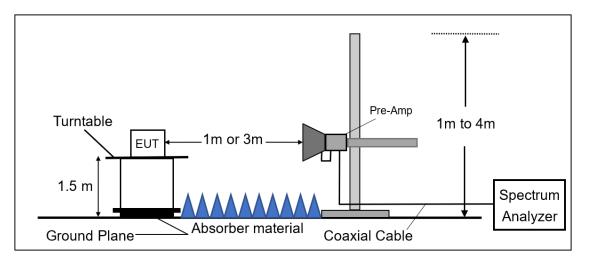


10.2 EUT Setup

Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



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10.3 **Measurement Procedure:**

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

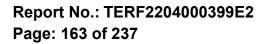
The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

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Margin

dB

-38.29 -34.30 -32.86 -27.64-25.78-22.09-40.24 -33.15



10.4 **Measurement Result:**

Report Number Operation Mode Test Mode EUT Pol Test Frequency	e :LTE B2 :Tx CH LOV :E1 Plane		-	Date :202 ./Humi. :21.7 nna Pol. :Vert	2-06-10 7/70
80 Level (dBm 70 50 30 10 -10 -30 -50 -70 -90 30	1/m)	8018. Frequence	12012. y (MHz)	16006.	20000
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm
60.070 186.170 396.660 552.830 727.430 988.360 3720.000 5580.000	-51.29 -47.30 -45.86 -40.64 -38.78 -35.09 -53.24 -46.15	-39.18 -46.96 -47.17 -41.76 -38.05 -34.50 -55.89 -47.78	-9.56 2.59 4.29 4.22 3.15 3.96 12.16 13.30	-2.55 -2.93 -2.98 -3.10 -3.88 -4.55 -9.51 -11.67	-13.00 -13.00 -13.00 -13.00 -13.00 -13.00 -13.00 -13.00

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B2
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:1860 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	35.820	-44.38	-28.28	-13.69	-2.41	-13.00	-31.38
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	414.120	-46.20	-47.58	4.34	-2.96	-13.00	-33.20
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	793.390	-39.30	-39.63	3.82	-3.49	-13.00	-26.30
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	3720.000	-53.53	-56.18	12.16	-9.51	-13.00	-40.53
	5580.000	-47.15	-48.78	13.30	-11.67	-13.00	-34.15

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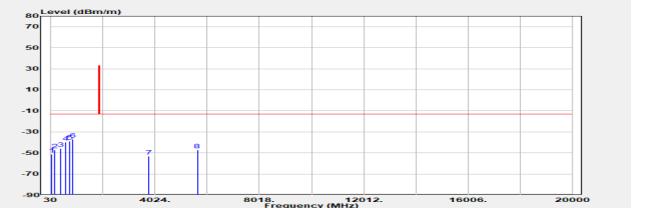
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Report Number	:TERF2204000399E2		
Operation Mode	:LTE B2		
Test Mode	:Tx CH MID		
EUT Pol	:E1 Plane		
Test Frequency	:1880 MHz		

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	396.660	-45.86	-47.17	4.29	-2.98	-13.00	-32.86
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
	727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	3760.000	-53.09	-55.76	12.10	-9.43	-13.00	-40.09
	5640.000	-47.26	-49.04	13.46	-11.68	-13.00	-34.26

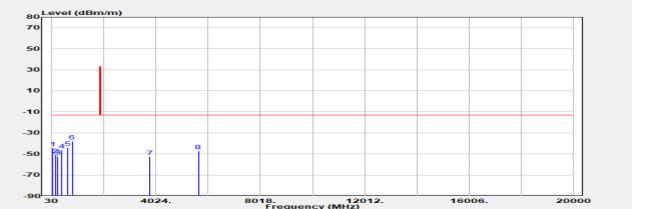
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Report Number	:TERF2204000399E2		
Operation Mode	:LTE B2		
Test Mode	:Tx CH MID		
EUT Pol	:E1 Plane		
Test Frequency	:1880 MHz		

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	35.820	-44.38	-28.28	-13.69	-2.41	-13.00	-31.38
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	244.370	-52.26	-53.54	4.34	-3.06	-13.00	-39.26
	414.120	-46.20	-47.58	4.34	-2.96	-13.00	-33.20
	634.310	-43.83	-43.68	3.42	-3.57	-13.00	-30.83
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	3760.000	-52.83	-55.50	12.10	-9.43	-13.00	-39.83
	5640.000	-47.03	-48.81	13.46	-11.68	-13.00	-34.03

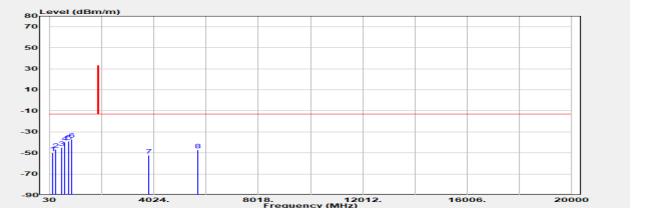
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B2
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:1900 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



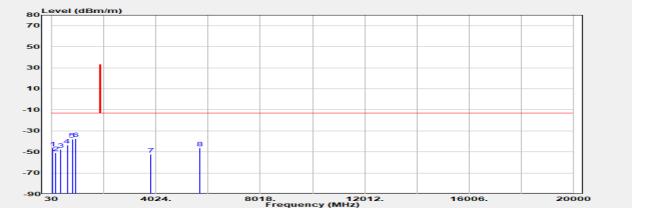
		Frequency	(MHZ)			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
141.550	-49.77	-45.07	-1.93	-2.77	-13.00	-36.77
251.160	-46.75	-47.95	4.31	-3.11	-13.00	-33.75
472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
3800.000	-52.30	-54.83	12.10	-9.57	-13.00	-39.30
5700.000	-47.27	-48.97	13.40	-11.70	-13.00	-34.27

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Report Number	:TERF2204000399E2	٦
Operation Mode	:LTE B2	٦
Test Mode	:Tx CH HIGH	٦
EUT Pol	:E1 Plane	ŀ
Test Frequency	:1900 MHz	E

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	376.290	-47.44	-48.85	4.35	-2.94	-13.00	-34.44
	610.060	-43.53	-44.20	3.47	-2.80	-13.00	-30.53
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	3800.000	-52.10	-54.63	12.10	-9.57	-13.00	-39.10
	5700.000	-46.04	-47.74	13.40	-11.70	-13.00	-33.04

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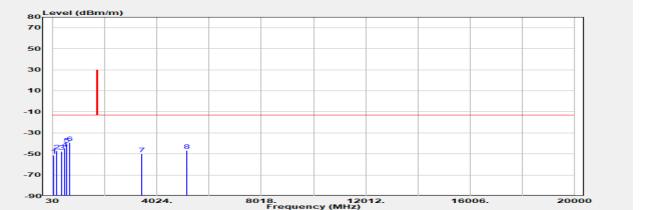
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B4
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:1720 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(IVIHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	356.890	-47.39	-48.69	4.47	-3.17	-13.00	-34.39
	472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
	552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
	679.900	-39.39	-39.78	3.81	-3.42	-13.00	-26.39
	3440.000	-50.11	-53.46	12.42	-9.07	-13.00	-37.11
	5160.000	-46.90	-48.41	12.58	-11.07	-13.00	-33.90

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Report Number	:TERF2204000399E2		
Operation Mode	:LTE B4		
Test Mode	:Tx CH LOW		
EUT Pol	:E1 Plane		
Test Frequency	:1720 MHz		

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	65.890	-52.63	-42.22	-7.81	-2.60	-13.00	-39.63
	361.740	-47.77	-49.09	4.46	-3.14	-13.00	-34.77
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	687.660	-42.57	-43.12	3.75	-3.20	-13.00	-29.57
	857.410	-38.14	-38.80	4.58	-3.92	-13.00	-25.14
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	3440.000	-49.24	-52.59	12.42	-9.07	-13.00	-36.24
	5160.000	-46.88	-48.39	12.58	-11.07	-13.00	-33.88

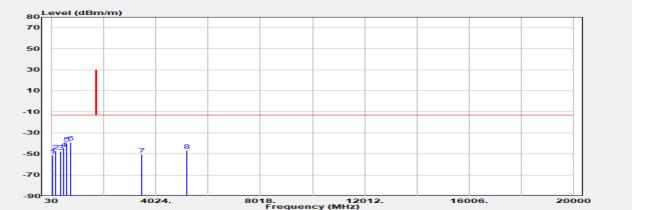
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B4
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:1732.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	356.890	-47.39	-48.69	4.47	-3.17	-13.00	-34.39
	472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
	727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
	3465.000	-50.23	-53.40	12.34	-9.17	-13.00	-37.23
	5197.500	-46.72	-48.43	12.88	-11.17	-13.00	-33.72

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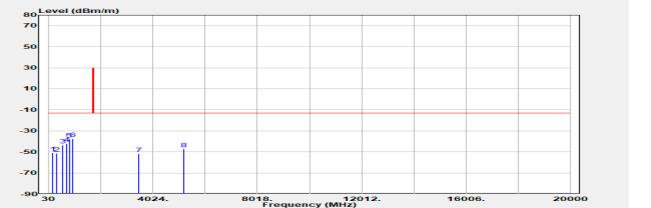
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B4
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:1732.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	317.120	-51.49	-52.41	4.14	-3.22	-13.00	-38.49
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	706.090	-42.08	-42.22	3.49	-3.35	-13.00	-29.08
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	3465.000	-51.85	-55.02	12.34	-9.17	-13.00	-38.85
	5197.500	-47.02	-48.73	12.88	-11.17	-13.00	-34.02

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B4
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:1745 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	161.920	-47.40	-43.55	-1.05	-2.80	-13.00	-34.40
	443.220	-45.34	-46.72	4.09	-2.71	-13.00	-32.34
	552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
	679.900	-39.39	-39.78	3.81	-3.42	-13.00	-26.39
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	3490.000	-50.84	-53.93	12.24	-9.15	-13.00	-37.84
	5235.000	-46.60	-48.55	13.18	-11.23	-13.00	-33.60

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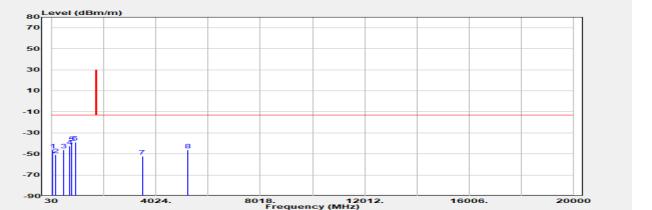
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B4
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:1745 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	462.620	-46.11	-47.42	4.11	-2.80	-13.00	-33.11
	723.550	-42.70	-42.18	3.27	-3.79	-13.00	-29.70
	793.390	-39.30	-39.63	3.82	-3.49	-13.00	-26.30
	917.550	-38.77	-38.04	3.71	-4.44	-13.00	-25.77
	3490.000	-52.06	-55.15	12.24	-9.15	-13.00	-39.06
	5235.000	-46.06	-48.01	13.18	-11.23	-13.00	-33.06

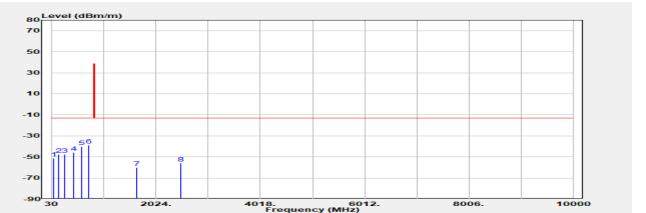
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B5
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:829 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



		Frequency	(IVIHZ)			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
161.920	-47.40	-43.55	-1.05	-2.80	-13.00	-34.40
270.560	-47.81	-48.78	4.07	-3.10	-13.00	-34.81
440.310	-45.64	-46.93	4.04	-2.75	-13.00	-32.64
593.570	-40.24	-40.98	3.76	-3.02	-13.00	-27.24
727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
1658.000	-59.88	-63.03	9.40	-6.25	-13.00	-46.88
2487.000	-55.81	-58.60	10.42	-7.63	-13.00	-42.81

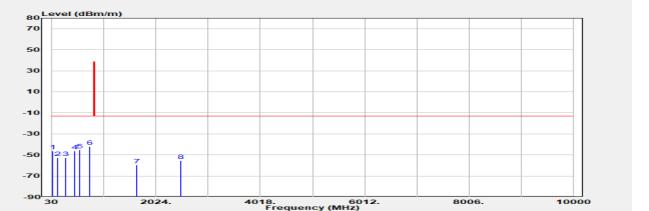
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B5
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:829 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



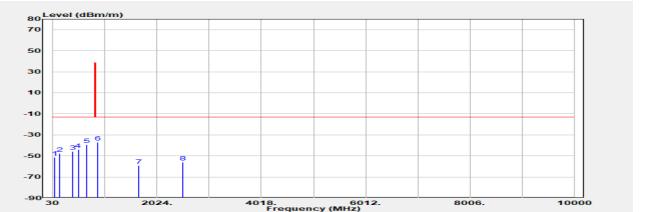
			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	143.490	-52.62	-47.89	-1.95	-2.78	-13.00	-39.62
	286.080	-52.78	-53.75	4.05	-3.08	-13.00	-39.78
	462.620	-46.11	-47.42	4.11	-2.80	-13.00	-33.11
	561.560	-45.24	-46.16	4.18	-3.26	-13.00	-32.24
	757.500	-42.25	-41.74	2.95	-3.46	-13.00	-29.25
	1658.000	-59.46	-62.61	9.40	-6.25	-13.00	-46.46
	2487.000	-55.41	-58.20	10.42	-7.63	-13.00	-42.41

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Report Number	:TERF2204000399E2		
Operation Mode	:LTE B5		
Test Mode	:Tx CH MID		
EUT Pol	:E1 Plane		
Test Frequency	:836.5 MHz		

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(IVIHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	161.920	-47.40	-43.55	-1.05	-2.80	-13.00	-34.40
	400.540	-45.94	-47.18	4.30	-3.06	-13.00	-32.94
	511.120	-43.97	-45.24	4.11	-2.84	-13.00	-30.97
	679.900	-39.39	-39.78	3.81	-3.42	-13.00	-26.39
	888.450	-36.99	-36.96	4.47	-4.50	-13.00	-23.99
	1673.000	-59.04	-62.15	9.40	-6.29	-13.00	-46.04
	2509.500	-55.72	-58.64	10.58	-7.66	-13.00	-42.72

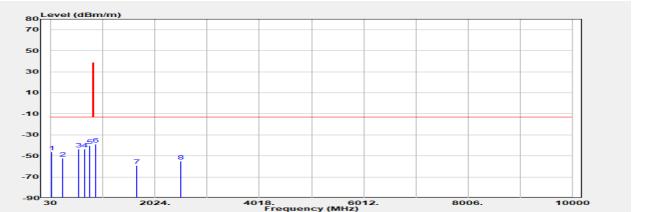
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B5
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:836.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			requeitcy	(1112)				
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09	
	244.370	-52.26	-53.54	4.34	-3.06	-13.00	-39.26	
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68	
	672.140	-43.30	-43.47	3.75	-3.58	-13.00	-30.30	
	773.020	-40.41	-40.22	3.13	-3.32	-13.00	-27.41	
	882.630	-38.79	-38.89	4.48	-4.38	-13.00	-25.79	
	1673.000	-59.28	-62.39	9.40	-6.29	-13.00	-46.28	
	2509.500	-55.19	-58.11	10.58	-7.66	-13.00	-42.19	

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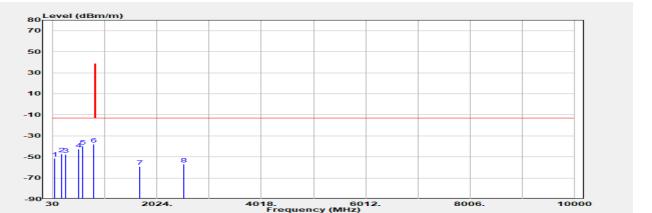
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B5
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:844 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	270.560	-47.81	-48.78	4.07	-3.10	-13.00	-34.81
	525.670	-42.72	-44.18	4.16	-2.70	-13.00	-29.72
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
	804.060	-37.73	-38.25	4.15	-3.63	-13.00	-24.73
	1688.000	-58.99	-62.08	9.40	-6.31	-13.00	-45.99
	2532.000	-56.76	-59.80	10.76	-7.72	-13.00	-43.76

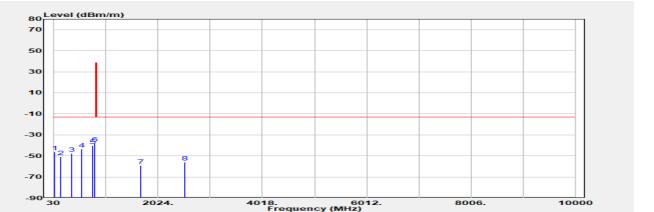
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                              f (886-2) 2298-0488
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B5
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:844 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	361.740	-47.77	-49.09	4.46	-3.14	-13.00	-34.77
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	773.020	-40.41	-40.22	3.13	-3.32	-13.00	-27.41
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	1688.000	-58.97	-62.06	9.40	-6.31	-13.00	-45.97
	2532.000	-55.94	-58.98	10.76	-7.72	-13.00	-42.94

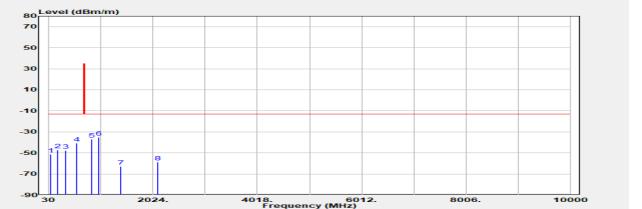
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f (886-2) 2298-0488
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B12
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:704 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
356.890	-47.39	-48.69	4.47	-3.17	-13.00	-34.39
552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
1408.000	-62.73	-64.05	7.08	-5.76	-13.00	-49.73
2112.000	-58.55	-61.02	9.55	-7.08	-13.00	-45.55

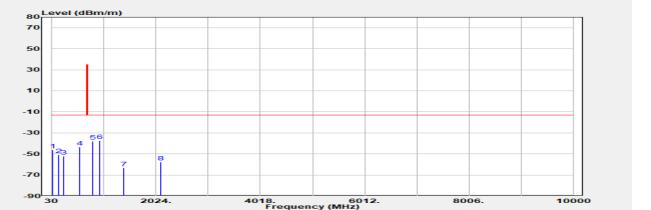
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B12
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:704 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
244.370	-52.26	-53.54	4.34	-3.06	-13.00	-39.26
551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
1408.000	-63.08	-64.40	7.08	-5.76	-13.00	-50.08
2112.000	-57.76	-60.23	9.55	-7.08	-13.00	-44.76

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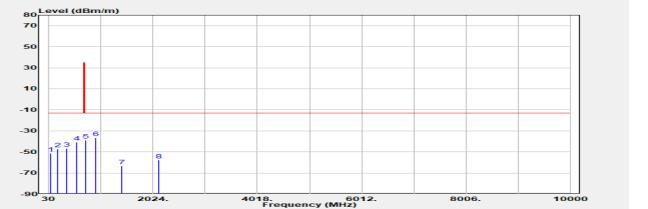
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B12
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:707.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	376.290	-46.73	-48.14	4.35	-2.94	-13.00	-33.73
	552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
	727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
	931.130	-36.56	-35.84	3.66	-4.38	-13.00	-23.56
	1415.000	-63.18	-64.56	7.15	-5.77	-13.00	-50.18
	2122.500	-57.77	-60.10	9.43	-7.10	-13.00	-44.77

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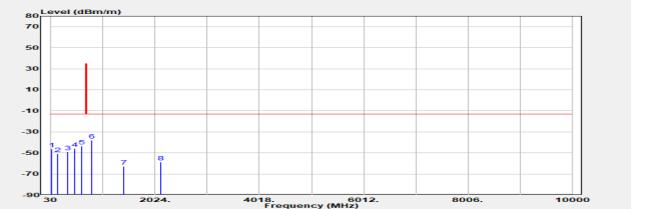
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B12
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:707.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



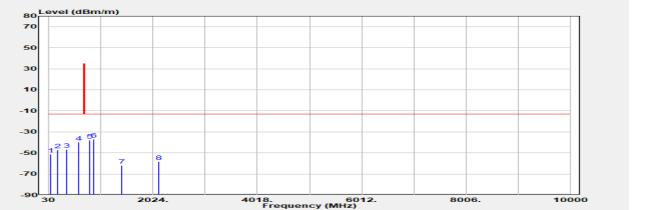
		Frequency	(MHZ)			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
350.100	-48.79	-50.08	4.54	-3.25	-13.00	-35.79
484.930	-45.94	-47.04	4.27	-3.17	-13.00	-32.94
610.060	-43.53	-44.20	3.47	-2.80	-13.00	-30.53
803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
1415.000	-62.95	-64.33	7.15	-5.77	-13.00	-49.95
2122.500	-58.47	-60.80	9.43	-7.10	-13.00	-45.47

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B12
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:711 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29	
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30	
	376.290	-46.73	-48.14	4.35	-2.94	-13.00	-33.73	
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99	
	804.060	-37.73	-38.25	4.15	-3.63	-13.00	-24.73	
	888.450	-36.99	-36.96	4.47	-4.50	-13.00	-23.99	
	1422.000	-62.09	-63.53	7.22	-5.78	-13.00	-49.09	
	2133.000	-57.99	-60.18	9.30	-7.11	-13.00	-44.99	

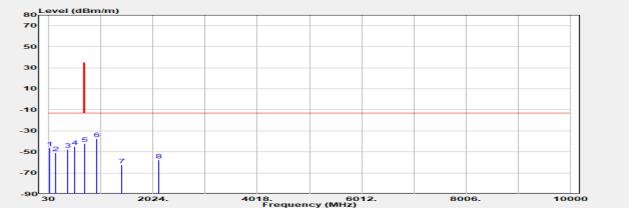
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B12
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:711 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



		Frequency (MHZ)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09	
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68	
	385.020	-47.40	-48.94	4.37	-2.83	-13.00	-34.40	
	522.760	-44.75	-46.14	4.12	-2.73	-13.00	-31.75	
	706.090	-42.08	-42.22	3.49	-3.35	34.77	-76.85	
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70	
	1422.000	-62.45	-63.89	7.22	-5.78	-13.00	-49.45	
	2133.000	-57.87	-60.06	9.30	-7.11	-13.00	-44.87	

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B17
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:709 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



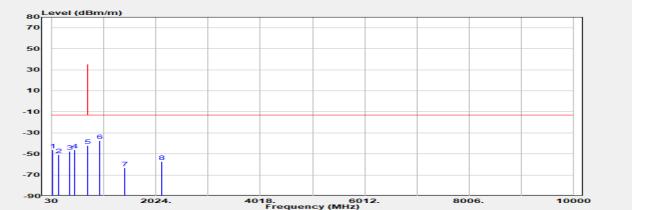
			Frequency	((((12))			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
	612.970	-41.12	-41.65	3.45	-2.92	-13.00	-28.12
	804.060	-37.73	-38.25	4.15	-3.63	-13.00	-24.73
	888.450	-36.99	-36.96	4.47	-4.50	-13.00	-23.99
	1418.000	-63.49	-64.89	7.18	-5.78	-13.00	-50.49
	2127.000	-57.60	-59.87	9.37	-7.10	-13.00	-44.60

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B17
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:709 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



	Frequency (Mnz)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	361.740	-47.77	-49.09	4.46	-3.14	-13.00	-34.77
	462.620	-46.11	-47.42	4.11	-2.80	-13.00	-33.11
	706.090	-42.08	-42.22	3.49	-3.35	34.77	-76.85
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	1418.000	-63.20	-64.60	7.18	-5.78	-13.00	-50.20
	2127.000	-57.34	-59.61	9.37	-7.10	-13.00	-44.34

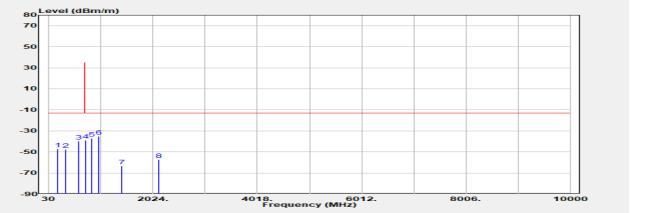
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B17
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:710 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
106 170	47.00	46.06	2 50	2.02	12.00	24.20
186.170 356.890	-47.30 -47.39	-46.96 -48.69	2.59 4.47	-2.93 -3.17	-13.00 -13.00	-34.30 -34.39
603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
980.600	-35.27	-34.55	3.80	-4.52	-13.00	-22.27
1420.000	-63.42	-64.84	7.20	-5.78	-13.00	-50.42
2130.000	-57.08	-59.31	9.34	-7.11	-13.00	-44.08

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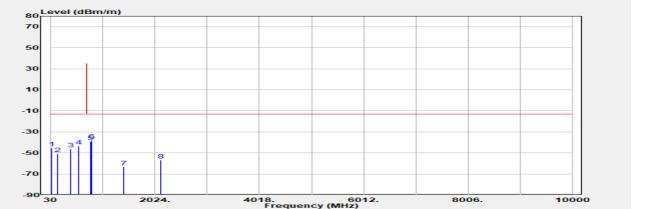
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B17
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:710 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



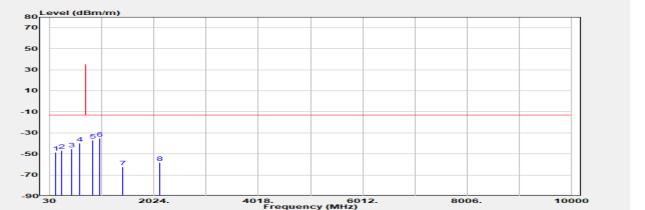
			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
_							
	41.640	-45.53	-29.80	-13.31	-2.42	-13.00	-32.53
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	414.120	-46.20	-47.58	4.34	-2.96	-13.00	-33.20
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	793.390	-39.30	-39.63	3.82	-3.49	-13.00	-26.30
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	1420.000	-63.28	-64.70	7.20	-5.78	-13.00	-50.28
	2130.000	-56.71	-58.94	9.34	-7.11	-13.00	-43.71

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B17
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:711 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	145.430	-48.67	-44.07	-1.80	-2.80	-13.00	-35.67
	251.160	-46.75	-47.95	4.31	-3.11	-13.00	-33.75
	443.220	-45.34	-46.72	4.09	-2.71	-13.00	-32.34
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
	1422.000	-62.44	-63.88	7.22	-5.78	-13.00	-49.44
	2133.000	-58.11	-60.30	9.30	-7.11	-13.00	-45.11

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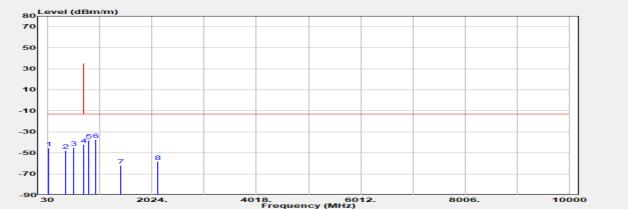
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B17
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:711 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



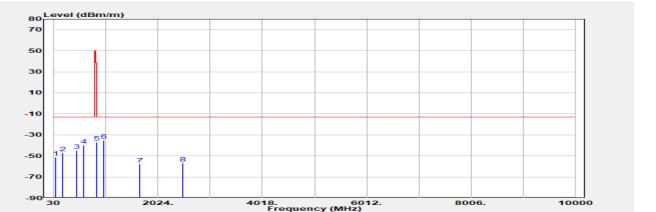
	Frequency (MHZ)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	41.640	-45.53	-29.80	-13.31	-2.42	-13.00	-32.53
	361.740	-47.77	-49.09	4.46	-3.14	-13.00	-34.77
	522.760	-44.75	-46.14	4.12	-2.73	-13.00	-31.75
	706.090	-42.08	-42.22	3.49	-3.35	34.77	-76.85
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	1422.000	-61.99	-63.43	7.22	-5.78	-13.00	-48.99
	2133.000	-57.99	-60.18	9.30	-7.11	-13.00	-44.99

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:831.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



		Frequency	(MHZ)			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
1663.000	-57.59	-60.72	9.40	-6.27	-13.00	-44.59
2494.500	-56.89	-59.72	10.47	-7.64	-13.00	-43.89

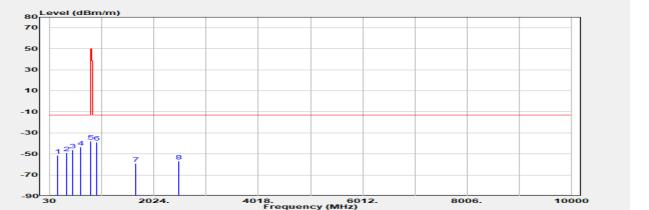
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:831.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



		Frequency	(MHZ)			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
178.410	-51.44	-49.63	1.07	-2.88	-13.00	-38.44
350.100	-48.79	-50.08	4.54	-3.25	-13.00	-35.79
462.620	-46.11	-47.42	4.11	-2.80	-13.00	-33.11
610.060	-43.53	-44.20	3.47	-2.80	-13.00	-30.53
803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
917.550	-38.77	-38.04	3.71	-4.44	-13.00	-25.77
1663.000	-59.16	-62.29	9.40	-6.27	-13.00	-46.16
2494.500	-56.63	-59.46	10.47	-7.64	-13.00	-43.63

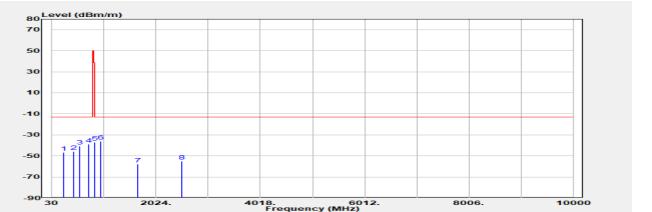
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Report Number	:TERF2204000399E2			
Operation Mode	:LTE B26			
Test Mode	:Tx CH MID			
EUT Pol	:E1 Plane			
Test Frequency	:836.5 MHz			

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(IVIHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	251.160	-46.75	-47.95	4.31	-3.11	-13.00	-33.75
	440.310	-45.64	-46.93	4.04	-2.75	-13.00	-32.64
	552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
	727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	957.320	-35.90	-35.16	3.74	-4.48	-13.00	-22.90
	1673.000	-57.56	-60.67	9.40	-6.29	-13.00	-44.56
	2509.500	-55.13	-58.05	10.58	-7.66	-13.00	-42.13

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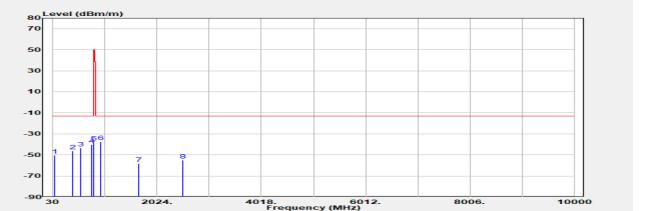
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:836.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



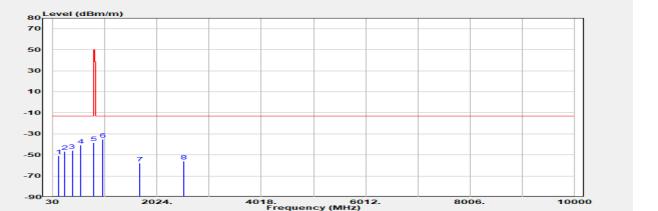
			Frequency	(MHZ)				
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	58.130	-50.58	-38.12	-9.92	-2.54	-13.00	-37.58	
	414.120	-46.20	-47.58	4.34	-2.96	-13.00	-33.20	
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68	
	773.020	-40.41	-40.22	3.13	-3.32	-13.00	-27.41	
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98	
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70	
	1673.000	-58.41	-61.52	9.40	-6.29	-13.00	-45.41	
	2509.500	-55.05	-57.97	10.58	-7.66	-13.00	-42.05	

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:841.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(IVIHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	133.790	-50.88	-46.05	-2.07	-2.76	-13.00	-37.88
	251.160	-46.75	-47.95	4.31	-3.11	-13.00	-33.75
	396.660	-45.86	-47.17	4.29	-2.98	-13.00	-32.86
	552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
	800.180	-38.52	-38.97	4.03	-3.58	-13.00	-25.52
	988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
	1683.000	-57.81	-60.91	9.40	-6.30	-13.00	-44.81
	2524.500	-56.01	-59.01	10.70	-7.70	-13.00	-43.01

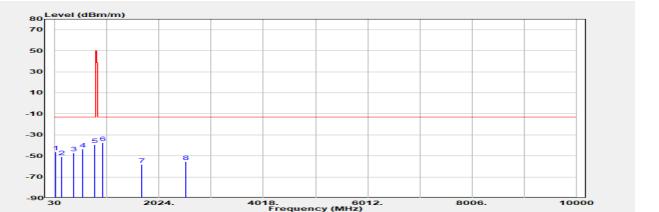
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:841.5 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			Frequency	(WHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	391.810	-47.20	-48.68	4.35	-2.87	-13.00	-34.20
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	793.390	-39.30	-39.63	3.82	-3.49	-13.00	-26.30
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	1683.000	-58.14	-61.24	9.40	-6.30	-13.00	-45.14
	2524.500	-55.66	-58.66	10.70	-7.70	-13.00	-42.66

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台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26 90S
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:814.7 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
	1629.400	-59.40	-62.55	9.32	-6.17	-13.00	-46.40
	2444.100	-57.18	-59.71	10.16	-7.63	-13.00	-44.18

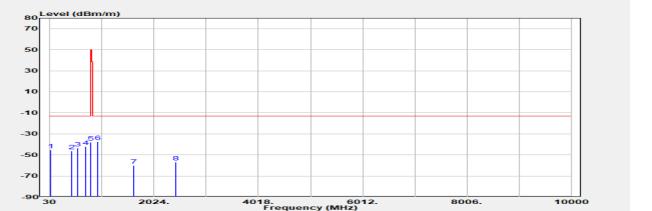
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26 90S
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:814.7 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			inequency	(
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
_							
	41.640	-45.53	-29.80	-13.31	-2.42	-13.00	-32.53
	437.400	-46.19	-47.40	3.98	-2.77	-13.00	-33.19
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	706.090	-42.08	-42.22	3.49	-3.35	-13.00	-29.08
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	1629.400	-59.89	-63.04	9.32	-6.17	-13.00	-46.89
	2444.100	-56.75	-59.28	10.16	-7.63	-13.00	-43.75

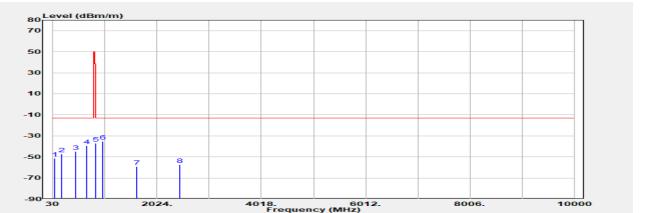
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26 90S
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:819 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



	Trequency (Miliz)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	463.590	-44.96	-46.25	4.11	-2.82	-13.00	-31.96
	679.900	-39.39	-39.78	3.81	-3.42	-13.00	-26.39
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	980.600	-35.27	-34.55	3.80	-4.52	-13.00	-22.27
	1638.000	-58.99	-62.16	9.35	-6.18	-13.00	-45.99
	2457.000	-57.23	-59.82	10.24	-7.65	-13.00	-44.23

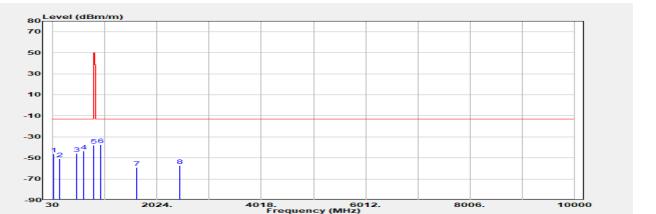
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26 90S
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:819 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			Frequency	(WHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	484.930	-45.94	-47.04	4.27	-3.17	-13.00	-32.94
	610.060	-43.53	-44.20	3.47	-2.80	-13.00	-30.53
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	1638.000	-59.02	-62.19	9.35	-6.18	-13.00	-46.02
	2457.000	-57.42	-60.01	10.24	-7.65	-13.00	-44.42

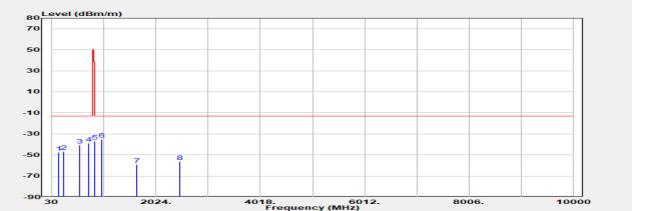
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26 90S
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:823.3 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



		Frequency	((((12))			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
161.920	-47.40	-43.55	-1.05	-2.80	-13.00	-34.40
251.160	-46.75	-47.95	4.31	-3.11	-13.00	-33.75
552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
1646.600	-58.99	-62.17	9.39	-6.21	-13.00	-45.99
2469.900	-56.21	-58.89	10.32	-7.64	-13.00	-43.21

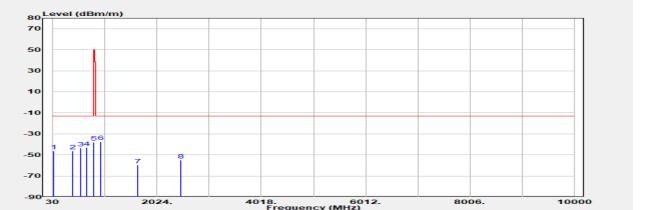
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B26 90S
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:823.3 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



		Frequency	((((12))			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
44.550	-46.07	-30.75	-12.88	-2.44	-13.00	-33.07
414.120	-46.20	-47.58	4.34	-2.96	-13.00	-33.20
551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
678.930	-43.03	-43.41	3.82	-3.44	-13.00	-30.03
803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
1646.600	-59.49	-62.67	9.39	-6.21	-13.00	-46.49
2469.900	-54.84	-57.52	10.32	-7.64	-13.00	-41.84

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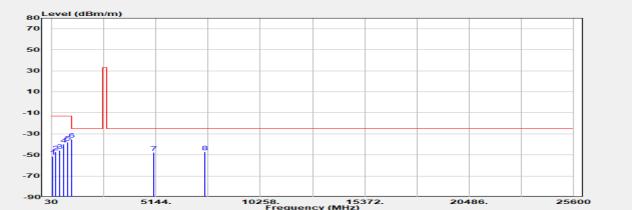
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B41
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:2506 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



			riequency	(1112)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
	396.660	-45.86	-47.17	4.29	-2.98	-13.00	-32.86
	603.270	-39.99	-40.78	3.61	-2.82	-13.00	-26.99
	804.060	-37.73	-38.25	4.15	-3.63	-13.00	-24.73
	980.600	-35.27	-34.55	3.80	-4.52	-13.00	-22.27
	5012.000	-47.76	-49.36	12.55	-10.95	-25.00	-22.76
	7518.000	-47.16	-44.80	11.24	-13.60	-25.00	-22.16

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B41
Test Mode	:Tx CH LOW
EUT Pol	:E1 Plane
Test Frequency	:2506 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			riequency	(1112)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	50.370	-46.09	-31.80	-11.82	-2.47	-13.00	-33.09
	317.120	-51.49	-52.41	4.14	-3.22	-13.00	-38.49
	462.620	-46.11	-47.42	4.11	-2.80	-13.00	-33.11
	687.660	-42.57	-43.12	3.75	-3.20	-13.00	-29.57
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	5012.000	-47.49	-49.09	12.55	-10.95	-25.00	-22.49
	7518.000	-46.91	-44.55	11.24	-13.60	-25.00	-21.91

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Report Number	:TERF2204000399E2
Operation Mode	:LTE B41
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:2593 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



		Frequency	(INIT2)			
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
186.170	-47.30	-46.96	2.59	-2.93	-13.00	-34.30
472.320	-44.90	-46.01	4.14	-3.03	-13.00	-31.90
612.970	-41.12	-41.65	3.45	-2.92	-13.00	-28.12
849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
988.360	-35.09	-34.50	3.96	-4.55	-13.00	-22.09
5186.000	-45.63	-47.26	12.79	-11.16	-25.00	-20.63
7779.000	-46.17	-44.32	11.84	-13.69	-25.00	-21.17

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                              f (886-2) 2298-0488
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B41
Test Mode	:Tx CH MID
EUT Pol	:E1 Plane
Test Frequency	:2593 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



			Frequency	(MHZ)			
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	376.290	-47.44	-48.85	4.35	-2.94	-13.00	-34.44
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	706.090	-42.08	-42.22	3.49	-3.35	-13.00	-29.08
	803.090	-37.98	-38.48	4.12	-3.62	-13.00	-24.98
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	5186.000	-44.89	-46.52	12.79	-11.16	-25.00	-19.89
	7779.000	-45.33	-43.48	11.84	-13.69	-25.00	-20.33

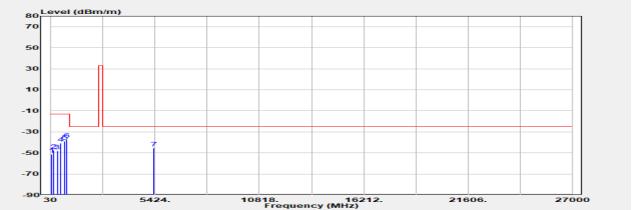
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Report Number	:TERF2204000399E2
Operation Mode	:LTE B41
Test Mode	:Tx CH HIGH
EUT Pol	:E1 Plane
Test Frequency	:2680 MHz

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Vertical
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	60.070	-51.29	-39.18	-9.56	-2.55	-13.00	-38.29
	161.920	-47.40	-43.55	-1.05	-2.80	-13.00	-34.40
	348.160	-47.94	-49.17	4.50	-3.27	-13.00	-34.94
	552.830	-40.64	-41.76	4.22	-3.10	-13.00	-27.64
	727.430	-38.78	-38.05	3.15	-3.88	-13.00	-25.78
	849.650	-36.98	-37.84	4.65	-3.79	-13.00	-23.98
	5360.000	-45.50	-47.54	13.38	-11.34	-25.00	-20.50

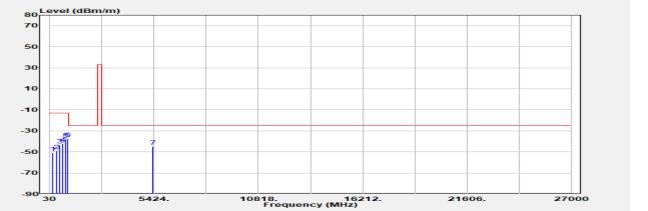
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Report Number	:TERF2204000399E2	Т
Operation Mode	:LTE B41	Те
Test Mode	:Tx CH HIGH	Те
EUT Pol	:E1 Plane	A
Test Frequency	:2680 MHz	E

Test Site	:SAC G
Test Date	:2022-06-10
Temp./Humi.	:21.7/70
Antenna Pol.	:Horizontal
Engineer	:Quentin Liu



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	154.160	-50.68	-46.45	-1.41	-2.82	-13.00	-37.68
	350.100	-48.79	-50.08	4.54	-3.25	-13.00	-35.79
	551.860	-43.68	-44.80	4.20	-3.08	-13.00	-30.68
	706.090	-42.08	-42.22	3.49	-3.35	-13.00	-29.08
	857.410	-38.14	-38.80	4.58	-3.92	-13.00	-25.14
	950.530	-37.70	-37.07	3.80	-4.43	-13.00	-24.70
	5360.000	-44.91	-46.95	13.38	-11.34	-25.00	-19.91

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Report No.: TERF2204000399E2 Page: 211 of 237



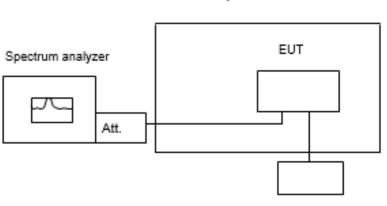
11 FREQUENCY STABILITY MEASUREMENT

11.1 Standard Applicabl

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Temperature Chamber

11.2 Test Set-up



Variable DC Power Supply

Note: Measurement setup for testing on Antenna connector

11.3 Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25° C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

11.4 Measurement Result

Note: The battery is rated 3.8V dc.

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Reference Freq.:		B2 Mid nannel	1880.0000	MHz 10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
	Fre	eq. ERROR vs. VO	DLTAGE	
4.37	25	1880.000013	0.0067	
3.8	25	1880.000008	0.0042	
3.23	25	1879.999986	-0.0072	+/- 2.5 ppm
3.4 (End Point)	25	1879.999992	-0.0043	
	F	req. ERROR vs.	Temp.	
3.8	-30	1880.000007	0.0038	
3.8	-20	1879.999981	-0.0104	
3.8	-10	1880.000001	0.0007	
3.8	0	1880.000019	0.0098	
3.8	10	1880.000011	0.0060	+/- 2.5 ppm
3.8	20	1879.999986	-0.0075	
3.8	30	1880.000000	-0.0002	
3.8	40	1879.999985	-0.0078	
3.8	50	1880.000014	0.0073	
Reference Freq.:		EB4 Mid nannel	1732.5000	MHz 10M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
	Fre	eq. ERROR vs. VC	DLTAGE	
4.37	25	1732.500010	0.0058	
3.8				
5.0	25	1732.500012	0.0066	
3.23	25 25	1732.500012 1732.499998	0.0066 -0.0010	+/- 2.5 ppm
	25	1732.499998	-0.0010	+/- 2.5 ppm
3.23	25 25	1732.499998 1732.499988	-0.0010 -0.0072	+/- 2.5 ppm
3.23 3.4	25 25	1732.499998	-0.0010 -0.0072	+/- 2.5 ppm
3.23 3.4	25 25	1732.499998 1732.499988	-0.0010 -0.0072	+/- 2.5 ppm
3.23 3.4 (End Point)	25 25 F	1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014	-0.0010 -0.0072 Femp.	+/- 2.5 ppm
3.23 3.4 (End Point) 3.8	25 25 F -30	1732.499998 1732.499988 Freq. ERROR vs. 1732.500001	-0.0010 -0.0072 Femp. 0.0006	+/- 2.5 ppm
3.23 3.4 (End Point) 3.8 3.8	25 25 F -30 -20	1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014	-0.0010 -0.0072 Femp. 0.0006 0.0079	+/- 2.5 ppm
3.23 3.4 (End Point) 3.8 3.8 3.8 3.8	25 25 -30 -20 -10	1732.499998 1732.499988 req. ERROR vs. 1732.50001 1732.500014 1732.499994	-0.0010 -0.0072 Temp. 0.0006 0.0079 -0.0037	+/- 2.5 ppm +/- 2.5 ppm
3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8	25 25 -30 -20 -10 0	1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014 1732.499994 1732.500003	-0.0010 -0.0072 Temp. 0.0006 0.0079 -0.0037 0.0018	
3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	25 25 -30 -20 -10 0 10	1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014 1732.499994 1732.500003 1732.500020	-0.0010 -0.0072 Femp. 0.0006 0.0079 -0.0037 0.0018 0.0115	
3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	25 25 -30 -20 -10 0 10 20	1732.499998 1732.499988 req. ERROR vs. 1732.50001 1732.500014 1732.499994 1732.500003 1732.500020 1732.500005	-0.0010 -0.0072 Temp. 0.0006 0.0079 -0.0037 0.0018 0.0115 0.0028	

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Report No.: TERF2204000399E2 Page: 213 of 237

Reference Freq.:	Reference Freq.: LTE B5 Mid Channel		836.5000	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
	Fr	eq. ERROR vs. V	OLTAGE	
4.37	25	836.500012	0.0145	
3.8	25	836.500017	0.0202	
3.23	25	836.499994	-0.0077	+/- 2.5 ppm
3.4 (End Point)	25	836.500005	0.0065	
		Freq. ERROR vs.	Temp.	
3.8	-30	836.499990	-0.0116	
3.8	-20	836.499997	-0.0031	
3.8	-10	836.500019	0.0228	
3.8	0	836.500011	0.0128	
3.8	10	836.499989	-0.0130	+/- 2.5 ppm
3.8	20	836.500019	0.0224	
3.8	30	836.500001	0.0017	
3.8	40	836.499980	-0.0234	
3.8	50	836.499989	-0.0130	
	Reference Freq · LTE B12 M			
Reference Freq .:		B12 Mid hannel	707.5000	MHz 10M QPSK CH 23095
Reference Freq.: Power Supply Vdc	С			MHz 10M QPSK CH 23095 Limit
	C Temp. (℃)	hannel	(ppm)	
	C Temp. (℃)	hannel Freq. (MHz)	(ppm)	
Power Supply Vdc	Cl Temp. (℃) Fre	hannel Freq. (MHz) eq. ERROR vs. V e	(ppm) OLTAGE	
Power Supply Vdc 4.37	Cl Temp. (°C) Fr 25	hannel Freq. (MHz) eq. ERROR vs. V 707.500006	(ppm) DLTAGE 0.0081	
Power Supply Vdc 4.37 3.8	Cl Temp. (°C) Fro 25 25	hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985	(ppm) DLTAGE 0.0081 -0.0209	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4	Cl Temp. (°C) Fro 25 25 25 25 25	hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4	Cl Temp. (°C) Fro 25 25 25 25 25	hannel Freq. (MHz) eq. ERROR vs. Vo 707.500006 707.499985 707.500016 707.500001	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point)	Cl Temp. (°C) Fr 25 25 25 25 25	hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs.	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp.	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8	C Temp. (°C) Fr 25 25 25 25 25 25	hannel Freq. (MHz) eq. ERROR vs. Vo 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8	Cl Temp. (°C) 75 25 25 25 25 25 -30 -20	hannel Freq. (MHz) eq. ERROR vs. V(707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8	Cl Temp. (°C) Fr 25 25 25 25 25 25 -30 -30 -20 -10	hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 707.499985	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 -0.0218	Limit
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (°C) Fr 25 25 25 25 25 25 -10 -10 0	hannel Freq. (MHz) eq. ERROR vs. V(707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 707.499985 707.500006	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0218 0.0079	Limit +/- 2.5 ppm
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (°C) Fr 25 25 25 25 25 25 25 -30 -30 -20 -10 0 10	hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499985 707.499985 707.500006 707.500013	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 -0.0218 0.0079 0.0185	Limit +/- 2.5 ppm
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (°C) Fr 25 25 25 25 25 25 25 -10 -10 0 10 20	hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 707.499985 707.500006 707.500013 707.499987	(ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 -0.0218 0.0079 0.0185 -0.0187	Limit +/- 2.5 ppm

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Reference Freq .:		B17 Mid hannel	710.0000	MHz 10M QPSK CH 23790
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
	Fre	eq. ERROR vs. V	DLTAGE	-
4.37	25	710.000020	0.0276	
3.8	25	710.000019	0.0270	
3.23	25	709.999984	-0.0231	+/- 2.5 ppm
3.4 (End Point)	25	710.000020	0.0282	
	F	req. ERROR vs.	Temp.	
3.8	-30	710.000006	0.0085	
3.8	-20	709.999983	-0.0246	
3.8	-10	710.000019	0.0270	
3.8	0	709.999981	-0.0265	
3.8	10	709.999991	-0.0130	+/- 2.5 ppm
3.8	20	710.000007	0.0100	
3.8	30	709.999990	-0.0138	
3.8	40	710.000007	0.0094	
3.8	50	710.000010	0.0137	
Reference Freq .:		B26 Mid hannel	831.5000	MHz 10M QPSK CH 26865
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit
	Fre	eq. ERROR vs. V	DLTAGE	
4.37	25	831.500018	0.0214	
3.8	25	831.500004	0.0046	
3.23	25	831.499983	-0.0201	+/- 2.5 ppm
3.4 (End Point)	25	831.500004	0.0046	
	F	req. ERROR vs.	Temp.	
3.8	-30	831.499995	-0.0065	
3.8	-20	831.500019	0.0226	
3.8	-10	831.500006	0.0073	
3.8	0	831.499998	-0.0030	
3.8	10	831.500000	0.0005	+/- 2.5 ppm
3.8	20	831.500014	0.0171	
3.8	30	831.499985	-0.0186	
3.8	40	831.499981	-0.0230	
3.8	50	831.500005	0.0059	

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Reference Freq.:		LTE B26 Mid nannel	819.0000	MHz 10M QPSK CH 26740		
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit		
		vs. VOLTAGE (LT		t 90S)		
4.37	25	818.999997	-0.0040	,		
3.8	25	818.999981	-0.0232			
3.23	25	819.000020	0.0238	+/- 2.5 ppm		
3.4 (End Point)	25	818.999981	-0.0233			
		req. ERROR vs.	Temp.			
3.8	-30	818.999984	-0.0192			
3.8	-20	818.999987	-0.0155			
3.8	-10	819.000000	0.0001			
3.8	0	818.999999	-0.0009			
3.8	10	819.000018	0.0216	+/- 2.5 ppm		
3.8	20	818.999992	-0.0100			
3.8	30	818.999985	-0.0181			
3.8	40	819.000014	0.0167			
3.8	50	818.999994	-0.0072			
	LTE I					
Reference Freq.:		B41 Mid nannel	2593.0000	MHz 10M QPSK CH 40620		
	Cl	B41 Mid nannel	2593.0000	MHz 10M QPSK CH 40620 Limit		
Reference Freq.: Power Supply Vdc	Cl Temp. (℃)	B41 Mid	2593.0000 (ppm)			
	Cl Temp. (℃)	B41 Mid nannel Freq. (MHz)	2593.0000 (ppm)			
Power Supply Vdc	Cl Temp. (℃) Fre	B41 Mid nannel Freq. (MHz) eq. ERROR vs. V(2593.0000 (ppm) DLTAGE			
Power Supply Vdc 4.37	Cl Temp. (℃) Fre 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. V(2593.000020	2593.0000 (ppm) DLTAGE 0.0076			
Power Supply Vdc 4.37 3.8	Cl Temp. (°C) Fre 25 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005	2593.0000 (ppm) DLTAGE 0.0076 0.0021	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4	Cl Temp. (°C) 25 25 25 25 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4	Cl Temp. (°C) 25 25 25 25 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point)	Cl Temp. (℃) Fre 25 25 25 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs.	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp.	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8	Cl Temp. (°C) 25 25 25 25 25 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. V(2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3.8 3.8	Cl Temp. (℃) 25 25 25 25 25 25 25 25 25	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (°C) 25 25 25 25 25 25 -30 -30 -20 -10	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007	Limit		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (℃) Fre 25 25 25 25 25 25 4 -30 -20 -10 0	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 2593.000007	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 0.0026	Limit +/- 2.5 ppm		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (℃) Fre 25 25 25 25 25 25 -20 -10 0 10	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 2593.000007 2592.999990	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 0.0026 -0.0038	Limit +/- 2.5 ppm		
Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3	Cl Temp. (°C) 25 25 25 25 25 25 25 4 -30 -30 -10 0 10 20	B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 2593.000007 2592.999990 2592.999980	2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 0.0026 -0.0038 -0.0038 -0.0077	Limit +/- 2.5 ppm		

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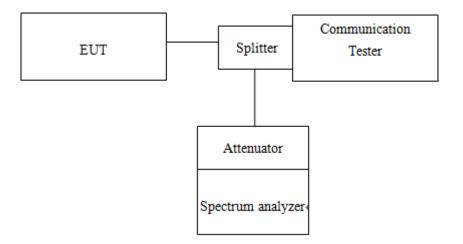


12 PEAK TO AVERAGE RATIO

12.1 Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2 Test SET-UP



12.3 Measurement Procedure

- 1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
- 2. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth; & internal =1ms
- 3. Set the number of counts to a value that stabilizes the measured CCDF curve.

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12.4 **Measurement Result**

	LTE BAND 2									
Char	nnel bandv	vidth: 1.4M	lHz	Cha	annel band	width: 3MH	lz			
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)			
(MHz)	OIT	64QAM	Limit	(MHz)	OIT	64QAM	Limit			
1850.7	18607	6.72	13	1851.5	18615	6.56	13			
1880.0	18900	6.83	13	1880.0	18900	6.51	13			
1909.3	19193	6.35	13	1908.5	19185	6.29	13			

LTE BAND 2									
Cha	annel band	width: 5MH	Ηz	Cha	nnel band	width: 10M	Hz		
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)		
(MHz)	OIT	64QAM	Limit	(MHz)	OIT	64QAM	Limit		
1852.5	18625	6.47	13	1855.0	18650	6.90	13		
1880.0	18900	6.93	13	1880.0	18900	6.34	13		
1907.5	19175	6.49	13	1905.0	19150	6.96	13		

	LTE BAND 2								
Cha	Channel bandwidth: 15MHz				nnel bandv	width: 20M	Hz		
Freq.	СН	PAPR	PAPR (dB)		СН	PAPR	(dB)		
(MHz)	OIT	64QAM	Limit	(MHz)	OIT	64QAM	Limit		
1857.5	18675	6.70	13	1860.0	18700	6.33	13		
1880.0	18900	6.07	13	1880.0	18900	6.76	13		
1902.5	19125	6.24	13	1900.0	19100	6.53	13		

LTE BAND 4									
Char	nnel bandv	vidth: 1.4M	lHz	Cha	annel band	width: 3MH	Ηz		
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)		
(MHz)	On	64QAM	Limit	(MHz)	GIT	64QAM	Limit		
1710.7	19957	6.80	13	1711.5	19965	6.77	13		
1732.5	20175	5.64	13	1732.5	20175	6.17	13		
1754.3	20393	6.82	13	1753.5	20385	6.59	13		

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	LTE BAND 4									
Cha	annel band	width: 5MH	Ηz	Cha	nnel bandv	width: 10M	Hz			
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)			
(MHz)	OIT	64QAM	Limit	(MHz)	OIT	64QAM	Limit			
1712.5	19975	7.08	13	1715.0	20000	7.02	13			
1732.5	20175	5.88	13	1732.5	20175	5.99	13			
1752.5	20375	6.56	13	1750.0	20350	6.72	13			

LTE BAND 4									
Cha	nnel bandv	width: 15M	Hz	Cha	nnel bandv	width: 20M	Hz		
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)		
(MHz)	OIT	64QAM	Limit	(MHz)	GH	64QAM	Limit		
1717.5	20025	6.63	13	1720.0	20050	6.38	13		
1732.5	20175	5.82	13	1732.5	20175	5.98	13		
1747.5	20325	6.26	13	1745.0	20300	6.47	13		

LTE BAND 5									
Char	nnel bandv	vidth: 1.4M	lHz	Cha	annel band	width: 3MH	Ηz		
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)		
(MHz)	On	64QAM	Limit	(MHz)	On	64QAM	Limit		
824.7	20407	6.19	13	825.5	20415	5.97	13		
836.5	20525	6.27	13	836.5	20525	6.16	13		
848.3	20643	5.93	13	847.5	20635	6.75	13		

	LTE BAND 5									
Cha	annel band	width: 5MH	Ηz	Cha	nnel bandv	width: 10M	Hz			
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)			
(MHz)	OIT	64QAM	Limit	(MHz)	GIT	64QAM	Limit			
826.5	20425	5.89	13	829.0	20450	6.30	13			
836.5	20525	6.17	13	836.5	20525	6.33	13			
846.5	20625	6.35	13	844.0	20600	6.27	13			

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	LTE BAND 12									
Char	Channel bandwidth: 1.4MHz			Channel bandwidth: 3MHz						
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)			
(MHz)	OIT	64QAM	Limit	(MHz)	OIT	64QAM	Limit			
699.7	23017	6.90	13	700.5	23025	5.99	13			
707.5	23095	6.70	13	707.5	23095	6.86	13			
715.3	23173	6.76	13	714.5	23165	7.25	13			

	LTE BAND 12									
Cha	annel band	width: 5MH	Ηz	Cha	annel bandwidth: 10MHz					
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)				
(MHz)	On	64QAM	Limit	(MHz)	Сп	64QAM	Limit			
701.5	23035	6.52	13	704.0	23060	6.45	13			
707.5	23095	6.73	13	707.5	23095	6.28	13			
713.5	23155	6.45	13	711.0	23130	6.49	13			

	LTE BAND 17									
Channel bandwidth: 5MHz			Cha	nnel bandv	width: 10M	Hz				
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)				
(MHz)	On	64QAM	Limit	(MHz)	On	64QAM	Limit			
706.5	23755	6.37	13	709.0	23780	6.40	13			
710.0	23790	6.43	13	710.0	23790	6.17	13			
713.5	23825	6.35	13	711.0	23800	6.74	13			

	LTE BAND 26									
Char	Channel bandwidth: 1.4MHz			Cha	annel band	width: 3MH	Ηz			
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)				
(MHz)	On	64QAM	Limit	(MHz)	Сп	64QAM	Limit			
814.7	26697	5.78	13	815.5	26705	5.85	13			
831.5	26865	6.33	13	831.5	26865	6.41	13			
848.3	27033	6.07	13	847.5	27025	6.21	13			

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	LTE BAND 26									
Channel bandwidth: 5MHz			Channel bandwidth: 10MHz							
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)			
(MHz)	On	64QAM	Limit	(MHz)	On	64QAM	Limit			
816.5	26715	6.40	13	820.0	26750	6.45	13			
831.5	26865	6.45	13	831.5	26865	6.79	13			
846.5	27015	5.97	13	844.0	26990	6.34	13			

	LTE BAND 26								
Cha	Channel bandwidth: 15MHz								
Freq. (MHz)	СН	PAPR	(dB)						
(MHz)	On	64QAM	Limit						
822.5	26775	6.04	13						
831.5	26865	6.41	13						
841.5	26965	6.18	13						

	LTE BAND 26 for part 90S									
Char	nnel bandv	nel bandwidth: 1.4MHz			annel band	width: 3MH	Ηz			
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)				
(MHz)	On	64QAM	Limit	(MHz)	Сп	64QAM	Limit			
814.7	26697	6.31	13	815.5	26705	6.22	13			
819.0	26740	6.58	13	819	26740	6.78	13			
823.3	26783	5.37	13	822.5	26775	6.68	13			

	LTE BAND 26 for part 90S									
Cha	Channel bandwidth: 5MHz			Channel bandwidth: 10MHz						
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)				
(MHz)	On	64QAM	Limit	(MHz)	On	64QAM	Limit			
816.5	26715	7.10	13							
819.0	26740	6.61	13	819.0	26740	6.78	13			
821.5	26765	6.49	13							

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	LTE BAND 41									
Channel bandwidth: 5MHz			Cha	nnel bandv	width: 10M	Hz				
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	PAPR (dB)			
(MHz)	On	64QAM	Limit	(MHz)	Сп	64QAM	Limit			
2498.5	39675	10.71	13	2501.0	39700	6.91	13			
2593.0	40620	12.67	13	2593.0	40620	6.65	13			
2687.5	41565	8.52	13	2685.0	41540	9.75	13			

	LTE BAND 41									
Cha	Channel bandwidth: 15MHz			Cha	nnel bandv	width: 20M	Hz			
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)				
(MHz)	On	64QAM	Limit	(MHz)	СП	64QAM	Limit			
2503.5	39725	6.60	13	2506.0	39750	9.27	13			
2593.0	40620	7.62	13	2593.0	40620	6.74	13			
2682.5	41515	6.38	13	2680.0	41490	6.49	13			

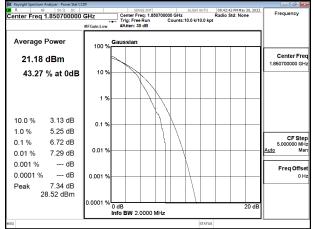
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Band2_1.4MHz_64QAM_RB6_0_CH18607



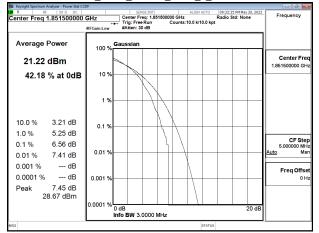
SENSE:INT ALIGN AUTO Center Freq: 1.880000000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Frequency enter Freq 1.880000000 GHz Radio Std: None Average Power 100 Center Fre 21.19 dBm 10 9 43.66 % at 0dB 1 10.0 % 2.95 dB 0.1 1.0 % 5.24 dB CF Step 5.000000 MH 0.1 % 6.83 dB 0.01 0.01 % 7.54 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 7.54 dB 28.73 dBm .0001 0 dB Info BW 2.0000 MHz

Band2 1.4MHz 64QAM RB6 0 CH18900

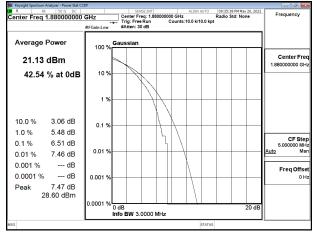
Band2_1.4MHz_64QAM_RB6_0_CH19193

Keysight Spectrum Analyzer - Power Stat Co	LOF		- 3 -
R RF 50 Ω DC Center Freq 1.909300000	GHz #FGain:Low	SENSE:INT ALIGN AUTO 109:48:36 PM May 20, 2022 Center Freq: 1.909300000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt #Atten: 30 dB	Frequency
Average Power	100 %	Gaussian	
21.29 dBm			Center Fre 1.909300000 GH
43.13 % at 0dB	10 %		
	1%		
10.0 % 3.00 dB	0.1 %		
1.0 % 5.29 dB 0.1 % 6.35 dB 0.01 % 6.72 dB	0.01 %		CF Sto 5.000000 M <u>ato</u> M
0.001 % dB 0.0001 % dB	0.001 %		Freq Offs 0
Peak 6.77 dB 28.06 dBm			
	0.0001 %	0 dB 20 dB Info BW 2.0000 MHz	
ISG		STATUS	

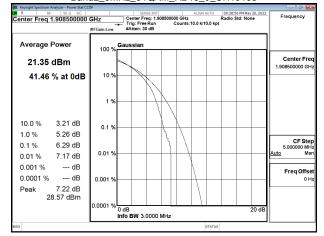
Band2 3MHz 64QAM RB15 0 CH18615



Band2_3MHz_64QAM_RB15_0_CH18900



Band2_3MHz_64QAM_RB15_0_CH19185



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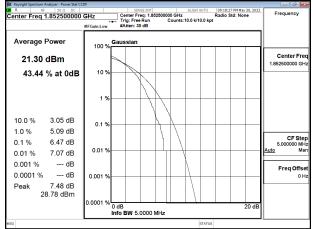
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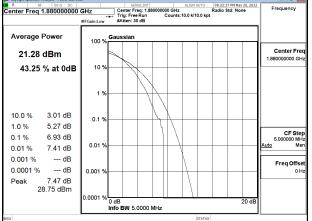


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Band2_5MHz_64QAM_RB25_0_CH18625



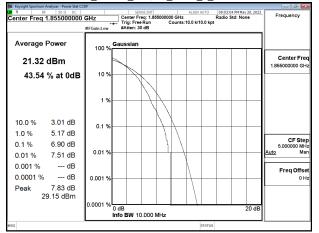
Band2_5MHz_64QAM_RB25_0_CH18900



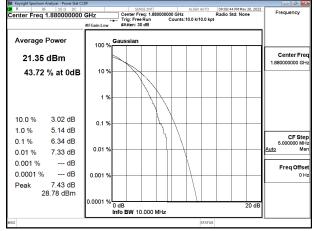
Band2_5MHz_64QAM_RB25_0_CH19175

🗰 Keysight Spectrum Analyzer - Power Stat C		- 4 ×
× R R∈ 50Ω DC Center Freq 1.907500000	GHz Center Freq 1.907600000 GHz Radio Std: None Trig: Freq Run Counts:10.0 k/10.0 kpt	Frequency
	#FGainLow #Atten: 30 dB	
Average Power	100 % Gaussian	
21.47 dBm		Center Free 1.907500000 GH
43.57 % at 0dB	10 %	
	1%	
10.0 % 3.01 dB 1.0 % 5.14 dB	0.1 %	
0.1 % 6.49 dB 0.01 % 7.14 dB	0.01 %	CF Step 5.000000 MH <u>Auto</u> Ma
0.001 % dB 0.0001 % dB Peak 7.56 dB	0.001 %	Freq Offse 0 H
29.03 dBm	0.0001 % 0 dB 20 dB	

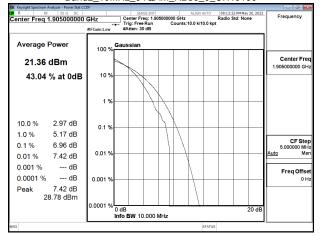
Band2_10MHz_64QAM_RB50_0_CH18650



Band2_10MHz_64QAM_RB50_0_CH18900







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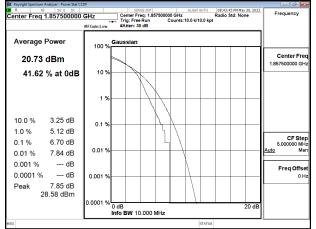
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Band2_15MHz_64QAM_RB75_0_CH18675



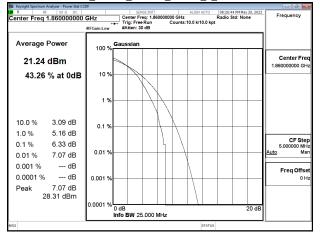
Frequency enter Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Radio Std: None Average Power 100 Center Fre 20.83 dBm 10 9 43.62 % at 0dB 1 10.0 % 3.09 dB 0.1 1.0 % 5.16 dB CF Step 5.000000 MH 0.1 % 6.07 dB 0.01 0.01 % 7.02 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 7.16 dB 27.99 dBm .0001 0 dB Info BW 10.000 MHz

Band2 15MHz 64QAM RB75 0 CH18900

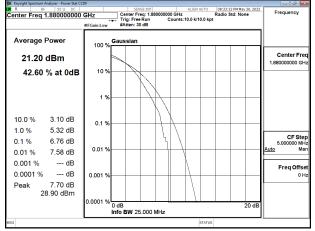
Band2_15MHz_64QAM_RB75_0_CH19125

📕 Keysight Spectrum Analyzer - Power Stat CC		- a 🕹
R RF 50Ω DC Center Freq 1.902500000	SENSE:INT ALIGN AUTO 08:51:21 PM May 20,2022 GHz Center Freq: 1.902500000 GHz Radio Std: None	Frequency
•	#FGain:Low #Atten: 30 dB	
Average Power	Gaussian	
20.86 dBm		Center Freq 1.902500000 GHz
44.80 % at 0dB	10 %	
	1%	
10.0 % 3.06 dB	0.1 %	
0.1 % 6.24 dB 0.01 % 6.92 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % dB 0.0001 % dB	0.001 %	Freq Offsel 0 Hz
Peak 6.94 dB 27.80 dBm		
	0.0001 % 0 dB 20 dB 20 dB	
MSG	STATUS	

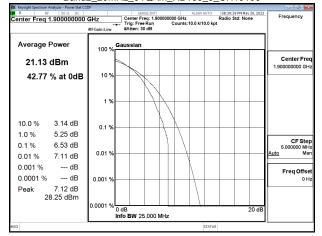
Band2_20MHz_64QAM_RB100_0_CH18700



Band2 20MHz 64QAM RB100 0 CH18900







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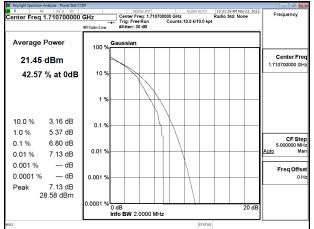
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Band4_1.4MHz_64QAM_RB6_0_CH19957



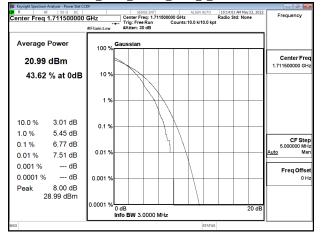
SENSE:INT ALIGN AUTO Center Freq: 1.732500000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Frequency enter Freq 1.732500000 GHz Radio Std: None Average Power 100 Center Fre 22.28 dBm 10 9 45.89 % at 0dB 1 10.0 % 2.85 dB 0.1 1.0 % 4.68 dB CF Step 5.000000 MH 0.1 % 5.64 dB 0.01 0.01 % 5.95 dB ---- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 5.96 dB 28.24 dBm .0001 0 dB Info BW 2.0000 MHz

Band4 1.4MHz 64QAM RB6 0 CH20175

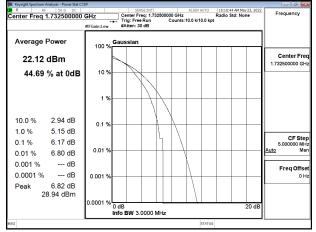
Band4_1.4MHz_64QAM_RB6_0_CH20393

Keysight Spectrum Analyzer - Power Stat CC		- 3 🗙
Center Freq 1.754300000	SENSE:INT ALIGN AUTO 10:39:52 AM May 23, 202 GHz Center Freq: 1.754300000 GHz Radio Std: None	2 Frequency
	#FGain:Low #Atten: 30 dB	
Average Power	100 % Gaussian]
21.37 dBm		Center Fred 1.754300000 GHz
42.89 % at 0dB	10 %	
	1%	
10.0 % 3.00 dB 1.0 % 5.35 dB	0.1 %	-
0.1 % 6.82 dB 0.01 % 7.07 dB	0.01 %	CF Step 5.000000 MH; <u>Auto</u> Mar
0.001 % dB 0.0001 % dB	0.001 %	Freq Offset
Peak 7.11 dB 28.48 dBm	0.0001 %	
	0.000 1 % 0 dB 20 dE Info BW 2.0000 MHz	
MSG	STATUS	-

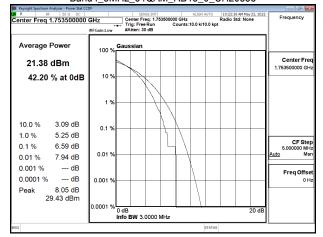
Band4_3MHz_64QAM_RB15_0_CH19965



Band4_3MHz_64QAM_RB15_0_CH20175



Band4_3MHz_64QAM_RB15_0_CH20385



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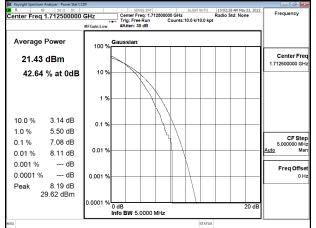
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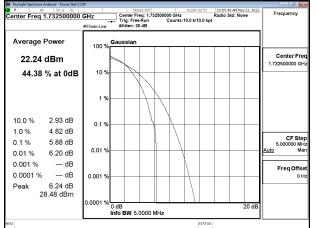


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Band4_5MHz_64QAM_RB25_0_CH19975



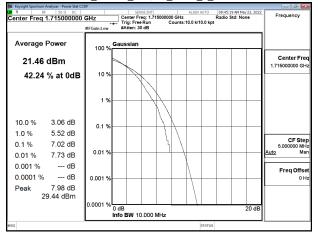
Band4_5MHz_64QAM_RB25_0_CH20175



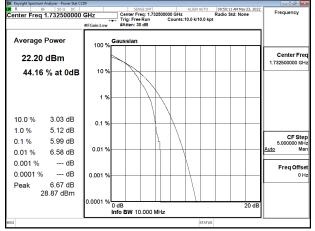
Band4_5MHz_64QAM_RB25_0_CH20375

Keysight Spectrum Analyzer - Power Stat C	IDF	
R RF 50 Ω DC Center Freq 1.752500000	GHz #FGain:Low	SENSE:INT ALIGN AUTO 10:09:24 AM Nay 23, 2022 Center Freq: 1.7525600000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt #Atten: 30 dB
Average Power	100 %	Gaussian
21.43 dBm		Center Fre 1.75250000 G
41.97 % at 0dB	10 %	
10.0 % 3.10 dB 1.0 % 5.33 dB	0.1 %	
0.1 % 6.56 dB 0.01 % 7.99 dB	0.01 %	CF St 5.000000 M Auto
0.001 % dB 0.0001 % dB Peak 7.99 dB	0.001 %	Freq Offs 0
29.42 dBm	0.0001 %	0 dB 20 dB Info BW 5.0000 MHz

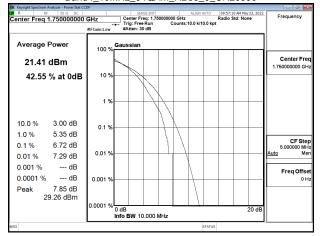
Band4_10MHz_64QAM_RB50_0_CH20000



Band4_10MHz_64QAM_RB50_0_CH20175







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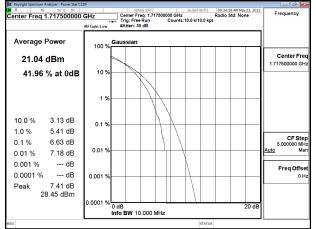
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Band4_15MHz_64QAM_RB75_0_CH20025



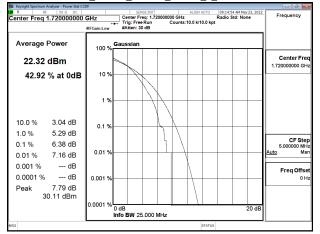
Frequency enter Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Radio Std: None Average Power 100 Center Free 21.73 dBm 10 9 45.63 % at 0dB 1 10.0 % 2.92 dB 0.1 1.0 % 4.92 dB CF Step 5.000000 MH 0.1 % 5.82 dB 0.01 0.01 % 6.14 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 6.31 dB 28.04 dBm 0.0001 0 dB Info BW 10.000 MHz

Band4 15MHz 64QAM RB75 0 CH20175

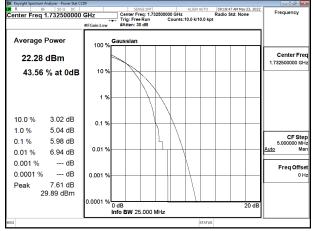
Band4_15MHz_64QAM_RB75_0_CH20325

🗱 Keysight Spectrum Analyzer - Power Stat Cl	IDF			
04 R RF 50 Ω DC		SENSE:INT		May 23, 2022 None Frequency
Center Freq 1.747500000	GHz #IFGain:Low	Center Freq: 1.747500000 GH Trig: Free Run Coun #Atten: 30 dB	Hz Radio Std: its:10.0 k/10.0 kpt	None
Average Power	100 %	Gaussian		
20.93 dBm				Center Free 1.747500000 GH
42.89 % at 0dB	10 %			
	1%-			
10.0 % 3.19 dB 1.0 % 5.16 dB	0.1 %			
0.1 % 6.27 dB 0.01 % 6.74 dB	0.01 %			CF Step 5.000000 MH Auto Mar
0.001 % dB 0.0001 % dB				Freq Offse
0.0001 % dB Peak 7.14 dB 28.07 dBm	0.001 %-			0H
20.07 0011) dB nfo BW 10.000 MHz		20 dB
MSG			STATUS	I

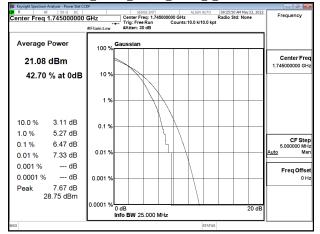
Band4_20MHz_64QAM_RB100_0_CH20050



Band4 20MHz 64QAM RB100 0 CH20175







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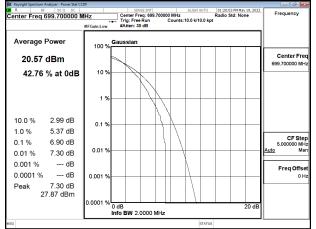
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Band12_1.4MHz_64QAM_RB6_0_CH23017



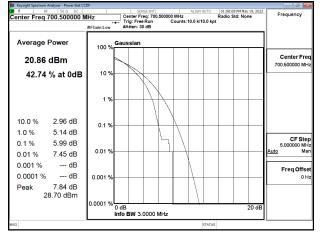
SENSE:INT ALIGN AUTO Center Freq: 707.500000 MHz Trig: Free Run Counts:10.0 k/10.0 kpt Frequency enter Freq 707.500000 MHz Radio Std: None Average Power 100 Center Fre 707.500000 MH 20.91 dBm 10 9 42.14 % at 0dB 1 10.0 % 3.05 dB 0.1 1.0 % 5.45 dB CF Step 5.000000 MH 0.1 % 6.70 dB 0.01 0.01 % 7.04 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 7.05 dB 27.96 dBm .0001 0 dB Info BW 2.0000 MHz

Band12 1.4MHz 64QAM RB6 0 CH23095

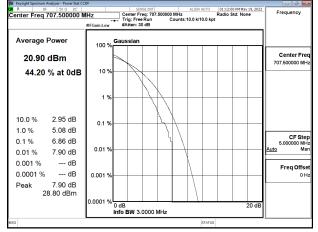
Band12_1.4MHz_64QAM_RB6_0_CH23173

🗱 Keysight Spectrum Analyzer - Power Stat CCI		- J 🕹 📉
Center Freq 715.300000 M	SENSE:INT ALIGN AUTO 01:42:35 PM May 19, 202 Hz Center Freq: 715.300000 MHz Radio Std: None Trid: Free Run Counts:10.0 k/10.0 kpt	Frequency
	HFGain:Low #Atten: 30 dB	_
Average Power	100 % Gaussian	
20.64 dBm		Center Free 715.300000 MH
42.63 % at 0dB	10 %	-
	1%	-
10.0 % 3.07 dB 1.0 % 5.44 dB	0.1 %	_
0.1 % 6.77 dB 0.01 % 7.33 dB	0.01 %	CF Stej 5.000000 MH <u>Auto</u> Ma
0.001 % dB 0.0001 % dB Peak 7.34 dB	0.001 %	Freq Offse 0 H
27.98 dBm	0.0001 % 0 dB 20 dE	3
MSG	STATUS	

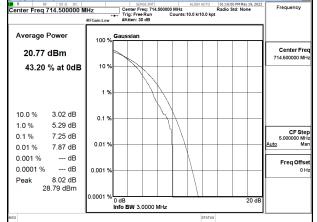
Band12_3MHz_64QAM_RB15_0_CH23025



Band12_3MHz_64QAM_RB15_0_CH23095







Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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