

Agilent Spectrum Analyzer - Channel Power RL RF 50 Ω AC			
Center Freq 1.848500000 GHz	SENSE:INTI ALIGN AUTO Center Freq: 1.848500000 GHz Trig: Free Run Avg Hold: 300/300 #Atten: 20 dB	06:22:33 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 26.6 dB 10 dB/div Ref 30.00 dBm			
20.0 10.0 0.00 20.0 20.0 20.0 30.0 40.0 50.0 50.0			Center Free 1.848500000 GH
Center 1.849 GHz Res BW 39 kHz	VBW 390 kHz	Span 4 MHz Sweep 3.2 ms	CF Stej 400.000 kH <u>Auto</u> Mai
Channel Power -23.28 dBm / 1 MHz	Power Spectral Den -83.28 dBm		Freq Offset 0 Hz
	STATE		

### LTE B25\_3 M\_Extended Band Edge\_Low\_QPSK\_FullRB



Frequency	06:28:07 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		rtrum Analyzer - Swept SA RF 50 Ω AC	RL
Auto Tun	TYPE A WAXAAAAAA	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.915000000	Center F
	1.915 000 GHz -18.512 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH						6.60 3.40
Stop Fre 1.917000000 GH	313.00 dBm		1			13.4
CF Ste 400.000 kH Auto Ma				workeystate	man mentioned	33.4
Freq Offset 0 Hz	RMS	Marine				53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	91 kHz	#VBW 9	915000 GHz 30 kHz	Center 1. Res BW
		STATUS				MSG

### LTE B25\_3 M\_Band Edge\_High\_QPSK\_1RB



	06:27:30 PM Apr 29, 2024	ALIGN AUTO	SE:INT	SEM		rtrum Analyzer - Swept SA RF 50 Ω AC	RL
Frequency	TRACE 1 2 3 4 5 0 TYPE A WATCH	Avg Type: RMS		Trig: Free #Atten: 20	GHz PNO: Wide	req 1.915000000	Center F
Auto Tun	1.915 000 GHz -23.409 dBm	Mkr1				Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH							16.6
Start Fre 1.913000000 GH					array her the second and a second	300°°2-1-002-0000000000000000000000000000	5,60 3.40
Stop Fre 1.917000000 GF	-13.00 dBm		1	t			23.4
CF Ste 400.000 kH <u>Auto</u> Ma	RMS	many and the second second	Norman				33.4 43.4
Freq Offs 0 H							53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep		)1 kHz	#VBW 9	915000 GHz 30 kHz	Center 1.
		STATUS					SG

# LTE B25\_3 M\_Band Edge\_High\_QPSK\_FullRB



Agilent Spectrum Analyzer - Channel Power				
RL     RF     50 Ω     AC       Center Freq 1.916500000 <th< th=""></th<>	HZ Center Freq: 1.9165000 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 00 GHz Avg Hold: 300/300	06:27:40 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency Center Freq 1.916500000 GHz
Ref Offset 26.6 dB 10 dB/div Ref 30.00 dBm				
20.0				
40.0		hand		
50 0				CF Ster 400.000 kH
Center 1.917 GHz Res BW 39 kHz	VBW 390 kHz		Span 4 MHz Sweep 3.2 ms	<u>Auto</u> Mai
Channel Power	Power S	Spectral Dens	sity	Freq Offset 0 Hz
-21.07 dBm /	MHz -8	1.07 dBm	/Hz	
ISG		STATU	S	

### LTE B25\_3 M\_Extended Band Edge\_High\_QPSK\_FullRB



						ctrum Analyzer - Swept SA	
Frequency	06:30:30 PM Apr 29, 2024 TRACE 1 2 3 4 5 6	ALIGN AUTO		SENS	GH7	RF 50 Ω AC req 1.850000000	RL Center F
	TYPE A WATTER		un	Trig: Free #Atten: 20	PNO: Wide	req 1.05000000	Senter F
Auto Tun	1.849 996 GHz -21.012 dBm	Mkr1				Ref Offset 26.6 dB Ref 26.60 dBm	10 dB/div
Center Fre 1.850000000 GH			$\cap$				16.6
Start Fre 1,848000000 GH							6.60 3:40
Stop Fre 1.852000000 GH	-13.00 dBm		}	•			13.4
CF Ste 400.000 kH <u>Auto</u> Ma	RINS RIVER AND RIVER	haddergense		pul -			33.4
Freq Offset 0 Hz						and the second sec	53.4 <b></b>
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween		60 kHz	#VBW 1	850000 GHz	<sup>63 4</sup> Center 1. #Res BW
-	nood s (noor pis)	STATUS		00 MHZ	<b>"VDVV</b>	UT NIL	ISG

#### LTE B25\_5 M\_Band Edge\_Low\_QPSK\_1RB



				um Analyzer - Swept SA	
Frequency	06:29:56 PM Apr 29, 2024 TRACE 1 2 3 4 5 0 TYPE A WANNESS	#Avg Type: RMS	SENSE:INT	RF 50 Ω AC eq 1.850000000 GHz PNO: Wide ↔	Center Fi
Auto Tun	DET A A A A A A 1.849 996 GHz -24.563 dBm	Mkr1	#Atten: 20 dB	Ref Offset 26.6 dB Ref 26.60 dBm	10 dB/div
Center Fre 1.850000000 GH					16.6
Start Fre 1,848000000 GH	FME				5,60 3.40
Stop Fre 1.852000000 GF	-13 00 dBm		2		23.4
CF Ste 400.000 kH Auto Ma				an a	13.4
Freq Offs 0 H					53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	160 kHz	50000 GHz 51 kHz #VBW /	Center 1.8
		STATUS			SG

#### LTE B25\_5 M\_Band Edge\_Low\_QPSK\_FullRB



Agilent Spect	rum Analyzer - Channel Po	ver	CONCE AND			
	RF 50 Ω AC eq 1.84850000	0 GHz #IFGain:Low	SENSE:INT Center Freq: 1.84850 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 00000 GHz Avg Hold: 300/300	06:30:06 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 26.6 Ref 30.00 dB			_		[
20:0 10.0						Center Freq 1.848500000 GHz
0.00 10.0					$\int$	
20.0 30.0 40.0						
50.0						CF Step
Center 1.8 Res BW 3			VBW 390 ki	Hz	Span 4 MHz Sweep   3.2 ms	400.000 kH
Chann	el Power		Power	Spectral Dens	sity	Freq Offset 0 Hz
-2	2.64 dBm	/ 1 MHz		82.64 dBm	/Hz	
ISG				STATU	s	

## LTE B25\_5 M\_Extended Band Edge\_Low\_QPSK\_FullRB



	06:35:34 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		RF 50 Q AC	RL RL
Frequency	TRACE 1 2 3 4 5 0 TYPE A WARKAWA	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	GHz PNO: Wide	req 1.915000000	
Auto Tune	1.915 004 GHz -20.806 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	10 dB/div
Center Fred 1.915000000 GH				ſ		16.6
Start Free 1.913000000 GH						6,60 3.40
Stop Free 1.917000000 GH	-13.00 dBm					13.4 23.4
CF Step 400.000 kH Auto Ma			t		and the second start for the second start of t	33.4
Freq Offset 0 Hz	BMS	angeneration of a second s				53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	160 kHz	#VBW	915000 GHz 51 kHz	Center 1. #Res BW
		STATUS				ISG

### LTE B25\_5 M\_Band Edge\_High\_QPSK\_1RB



- 6 2	06:34:58 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		rtrum Analyzer - Swept SA RF 50 Ω AC	RL
Frequency	TRACE 1 2 3 4 5 0 TYPE A WARKANN DET A A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.915000000	Center F
Auto Tun	1.915 000 GHz -24.835 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH			1		re tradicione en ante ante ante a	6.60 3.40
Stop Fre 1.917000000 GH	-13.00 dBm		1			13.4
CF Ste 400.000 kH <u>Auto</u> Ma	Panyinshaharan ang pangangkanan ang kang	and the second				33.4
Freq Offse 0 H						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	60 kHz	#VBW 1	915000 GHz 51 kHz	Center 1.
		STATUS				SG

# LTE B25\_5 M\_Band Edge\_High\_QPSK\_FullRB



RL RF 50 Ω AC Center Freq 1.916500000 GHz #IFGain:Low	SENSE:INT ALIGN AU Center Freq: 1.916500000 GHz Trig: Free Run Avg Hold: 300/300 #Atten: 20 dB	Radio Std: None	Frequency
Ref Offset 26.6 dB 10 dB/div Ref 30.00 dBm			
			Center Fred 1.916500000 GHz
20.0 30.0 40.0			
enter 1.917 GHz tes BW 39 kHz	VBW 390 kHz	Span 4 MHz Sweep 3.2 ms	CF Step 400.000 kH <u>Auto</u> Mar
Channel Power -22.15 dBm / 1 MHz	Power Spectral De -82.15 dBr		Freq Offset 0 Hz
sg	st	ATUS	

### LTE B25\_5 M\_Extended Band Edge\_High\_QPSK\_FullRB



- 6					-		trum Analyzer - Swept SA	
Frequency	6:37:57 PM Apr 29, 2024 TRACE 1 2 3 4 5 0 TYPE A 4 A A A A A		#Avg Type		Trig: Free	PNO: Wide	RF 50 Ω AC req 1.850000000	Center F
Auto Tun	350 000 GHz 29.378 dBm	Mkr1 1.8		: 20 dB	#Atten: 2	IFGain:Low	Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.850000000 GH								16.6
Start Fre 1,848000000 GH								6,60 3:40
Stop Free 1.852000000 GH	-13.00 dBm			1				13.4
CF Ste 400.000 kH Auto Ma	RMS	to		1				33.4
Freq Offs 0 H								53.4
	pan 4.000 MHz 00 s (1001 pts)	Sween 10		17	300 kHz	#VBW 3	350000 GHz	<sup>63 4</sup> Center 1. #Res BW
	ee e (reer pro)	STATUS				a dente		ISG

### LTE B25\_10 M\_Band Edge\_Low\_QPSK\_1RB



	06:37:23 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		RF 50 Ω AC	Agilent Spe
Frequency	TRACE 2 3 4 5 0 TYPE A WARANA DET A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	er Freq 1.85000000	Center F
Auto Tun	1.849 988 GHz -26.986 dBm	Mkr1		dB 3m	Ref Offset 26.6 dB div Ref 26.60 dBm	0 dB/div
Center Fre 1.85000000 GF						16.6
Start Fre 1,848000000 GH	2M9					5.60 3.40
Stop Fre 1.852000000 GF	-13.00 6Bm		1			13.4
CF Ste 400.000 kH Auto Ma				where the second se		33 4 <b></b>
Freq Offs 0 H						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween	300 kHz	#\/P\//	r 1.850000 GHz BW 100 kHz	
-		#Sweep	500-K112		544 100 KH2	ISG

#### LTE B25\_10 M\_Band Edge\_Low\_QPSK\_FullRB



	rum Analyzer - Channel		1			
Center Fr	RF 50Ω A eq 1.8485000		SENSE:INT Center Freq: 1.84850 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 00000 GHz Avg Hold: 300/300	06:37:32 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div Log	Ref Offset 26. Ref 30.00 d					
20:0 10.0 0.00						Center Freq 1.848500000 GHz
-10.0						
30.0 40.0 50.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
Center 1.8 Res BW 3			VBW 390 ki	Hz	Span 4 MHz Sweep 3.2 ms	CF Step 400.000 kHz Auto Mar
Chann	el Power		Power	r Spectral Dens	sity	Freq Offset 0 Hz
-2	2.11 dBr	n / 1 MHz		82.11 dBm	/Hz	
ISG				STATU	S	

### LTE B25\_10 M\_Extended Band Edge\_Low\_QPSK\_FullRB



- 6	06:42:59 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		RF 50 Q AC	RL RL
Frequency	TYPE A WATCH A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	GHz PNO: Wide ↔ IFGain:Low	req 1.915000000	Center F
Auto Tun	1.915 000 GHz -27.462 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH						5.60 3.40
Stop Fre 1.917000000 GH	-13.00 dBm		1_1_			13.4
CF Ste 400.000 kH Auto Ma					- server and	33.4
Freq Offse 0 H	RMS					53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	300 kHz	#VBW	915000 GHz 100 kHz	<sup>63 4</sup> Center 1. #Res BW
		STATUS				ISG

### LTE B25\_10 M\_Band Edge\_High\_QPSK\_1RB



6	06:42:22 PM Apr 29, 2024		CEALOR TAIT		RF 50 Ω AC	Agilent Spe
Frequency	TRACE 1 2 3 4 5 0 TYPE A WATCHING DET A A A A A A	#Avg Type: RMS	SENSE:INT Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.915000000	
Auto Tun	1.915 000 GHz -27.319 dBm	Mkr1		I Guilleon	Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH						5.60 3.40
Stop Fre 1.917000000 GH	-1300 dBm		1_			13.4
CF Ste 400.000 kH Auto Ma	Reaman and the first of the second	าร์การ์ตารรูสุของการสูกเขางกรุกที่เครื่องราชกรุกระบาลไปสี่งหลา	and and a second se			33.4 43.4
Freq Offset 0 Hz						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sween	300 kHz	#VBW 3	915000 GHz 100 kHz	Center 1.
		STATUS				ISG

### LTE B25\_10 M\_Band Edge\_High\_QPSK\_FullRB



Agilent Spectru	im Analyzer - Channel Power					
	RF 50 Ω AC eq 1.916500000 G	Hz IFGain:Low	SENSE:INT Center Freq: 1.916 Trig: Free Run #Atten: 20 dB	500000 GHz Avg[Hold: 300/300	06:42:31 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 26.6 dB Ref 30.00 dBm					
20.0 10.0						Center Freq 1.916500000 GHz
10.00						
30.0	·····					
60.0					Span 4 MHz	CF Step 400.000 kHz Auto Mar
Channe	el Power		VBW 390 Powe	er Spectral Den	Sweep 3.2 ms sity	Freq Offset 0 Hz
-24	4.02 dBm /	1 MHz		-84.02 dBm	I /Hz	
ASG				STAT	us	

### LTE B25\_10 M\_Extended Band Edge\_High\_QPSK\_FullRB



- 6	06:45:22 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT	trum Analyzer - Swept SA RF 50 Ω AC	RL RL
Frequency	TYPE A WATCH A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	req 1.850000000 GHz PNO: Wide IFGain:Low	Center Fr
Auto Tun	1.849 996 GHz -24.928 dBm	Mkr1		Ref Offset 26.6 dB Ref 26.60 dBm	10 dB/div
Center Fre 1,85000000 GH					16.6
Start Fre 1,848000000 GH					6,60 3.40
Stop Freq 1.852000000 GHz	-13.00 dBm		1		13.4
CF Stej 400.000 kH Auto Ma					33.4
Freq Offset 0 Hz					53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	470 kHz	350000 GHz 150 kHz #VBW /	-63.4 Center 1.8 #Res BW 1
		STATUS			ISG

# LTE B25\_15 M\_Band Edge\_Low\_QPSK\_1RB



- d -	06:44:47 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		trum Analyzer - Swept SA RF 50 Ω AC	Agilent Spe
Frequency	TYPE A WAAAAAA	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.850000000	Center F
Auto Tun	1.849 996 GHz -27.775 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.850000000 GH						16.6
Start Fre 1,848000000 GH	10/15					6,60 3.40
Stop Fre 1.852000000 GH	-13.00 dBm		1			13.4
CF Ste 400.000 kH Auto Ma				an a training and an		33.4
Freq Offs 0 H						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#5.000.000	170 647	#VBW 4	350000 GHz	<sup>63 4</sup> Center 1. #Res BW
-	1.000 S (1001 pts)	#Sweep	er o Knz	#VBW4	150 KH2	ISG

#### LTE B25\_15 M\_Band Edge\_Low\_QPSK\_FullRB



	um Analyzer - Channel Power					
Center Fre	RF 50 Ω AC eq 1.848500000 GHz #IFGa	ín:Low	SENSE:INT Center Freq: 1.8485000 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 000 GHz Avg Hold: 300/300	06:44:56 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 26.6 dB Ref 30.00 dBm					1 I
Log 20.0 10.0 0.00 						Center Freq 1.848500000 GHz
Center 1.8 Res BW 39			VBW 390 kHz		Span 4 MHz Sweep 3.2 ms	CF Step 400.000 kHz Auto Mar
	el Power 3.35 dBm / 1 M	ИНz		Spectral Dens		Freq Offset 0 Hz
ASG				STATU	s	

### LTE B25\_15 M\_Extended Band Edge\_Low\_QPSK\_FullRB



- 6	06:50:25 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		rtrum Analyzer - Swept SA RF 50 Ω AC	RL RL
Frequency	TYPE A WAXAAAAA	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.915000000	Center F
Auto Tun	1.915 000 GHz -25.068 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH				$\frown$		16.6
Start Fre 1.913000000 GH						5,60 3,40
Stop Fre 1.917000000 GH	313.00 dBm		1			13.4
CF Ste 400.000 kH Auto Ma						33.4 43.4
Freq Offs 0 H	RMS					53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	470 kHz	#VBW	915000 GHz 150 kHz	Center 1.
	1.000 s (1001 pts)	#Sweep	470 kHz	#VBW	150 kHz	#Res BW

### LTE B25\_15 M\_Band Edge\_High\_QPSK\_1RB



	06:49:47 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		RF 50 Ω AC	RL
Frequency	TRACE 1 2 3 4 5 0 TYPE A WARKANN DET A A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.915000000	Center F
Auto Tune	1.915 028 GHz -29.312 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH						6.60 3.40
Stop Fre 1.917000000 GH	-13.00 dBm		1			13.4 23.4
CF Stej 400.000 kH Auto Ma	.RMS					33.4
Freq Offse 0 H						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	170 kHz	#VBW 4	915000 GHz 150 kHz	Center 1. Res BW
		STATUS				ISG

#### LTE B25\_15 M\_Band Edge\_High\_QPSK\_FullRB



	um Analyzer - Channel Power					
Center Fre	RF 50 Ω AC eq 1.916500000 GH: #IFG	ain:Low	SENSE:INT Center Freq: 1.916500 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 0000 GHz Avg Hold: 300/300	06:49:56 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div Log	Ref Offset 26.6 dB Ref 30.00 dBm					
20.0 10.0 0.00 -10.0 -20.0 -30.0						Center Freq 1.916500000 GHz
40.0 -50.0 -60.0 Center 1.9 Res BW 33			VBW 390 KH	z	Span 4 MHz Sweep 3.2 ms	CF Step 400.000 kHz <u>Auto</u> Man
	el Power 5.59 dBm /11	MHz		Spectral Dens 35.59 dBm		Freq Offset 0 Hz
ISG				STATU	S	

### LTE B25\_15 M\_Extended Band Edge\_High\_QPSK\_FullRB



- 6					ctrum Analyzer - Swept SA	
Frequency	06:52:48 PM Apr 29, 2024 TRACE 1 2 3 4 5 0 TYPE A WARANA	ALIGN AUTO #Avg Type: RMS	SENSE:INT	PNO: Wide +++	RF 50 Ω AC req 1.850000000	Center F
Auto Tun	1.849 996 GHz -25.884 dBm	Mkr1	#Atten: 20 dB	IFGain:Low	Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.850000000 GH						16.6
Start Fre 1.848000000 GH	Au RMS					6.60 3.40
Stop Freq 1.852000000 GHz	13.00 dBm		1			13.4
CF Ste 400.000 kH Auto Ma				and the second second		33.4 43.4
Freq Offset 0 Hz						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	620 kHz	#VBW 6	850000 GHz 200 kHz	
	noor s (noor pro/	STATUS			200 KHZ	ASG

### LTE B25\_20 M\_Band Edge\_Low\_QPSK\_1RB



	06:52:12 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		Spectrum Analyzer - Swept SA RF 50 Ω AC	Agilent Spe RL
Auto Tun	TRACE 1 2 3 4 5 0 TYPE A WARKANN DET A A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	0000000 GHz PNO: Wide +++ IFGain:Low	Freq 1.85000000	Center F
	1.849 996 GHz -28.590 dBm	Mkr1		t 26.6 dB 60 dBm	Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1,85000000 GH						16.6
Start Fre 1,848000000 GH	HMS	$\square$				5.60 3.40
Stop Fre 1.852000000 GH	-13.00 dBm		1			23.4
CF Ste 400.000 kH Auto Ma					3	33.4
Freq Offs 0 F						i3.4 ———
	Span 4.000 MHz 1.000 s (1001 pts)	#011/2017	620 kHz		1.850000 GHz W 200 kHz	
-	1.000 S (1001 pts)	#Sweep	020 KH2	#VBW		SG

#### LTE B25\_20 M\_Band Edge\_Low\_QPSK\_FullRB



Agilent Spectre	um Analyzer - Channe RF 50 Ω		cruce me		A	
	eq 1.848500		SENSE:INT Center Freq: 1.8488 Trig: Free Run #Atten: 20 dB	ALIGN AUTO 500000 GHz Avg Hold: 300/300	06:52:22 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
10 dB/div Log	Ref Offset 26 Ref 30.00					
20:0 10.0 0.00						Center Fred 1.848500000 GH
10.0 20.0 30.0						
50.0 60.0						CF Ster 400.000 kH
Center 1.8 Res BW 3			VBW 390 k	٢Hz	Span 4 MHz Sweep 3.2 ms	<u>Auto</u> Mar
Channel Power		Power Spectral Density			Freq Offse 0 Ha	
-2	4.26 dB	m / 1 MHz		-84.26 dBm	/Hz	
ISG				STATU	S	

### LTE B25\_20 M\_Extended Band Edge\_Low\_QPSK\_FullRB



0 0 2	06:57:48 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT		RF 50 Q AC	RL RL
Frequency	TYPE A WAAAAAA	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	CHZ PNO: Wide ↔ IFGain:Low	req 1.915000000	Center F
Auto Tun	1.915 004 GHz -24.792 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH						5,60 3:40
Stop Fre 1.917000000 GH	-13.00 dBm		1			13.4
CF Ste 400.000 kH Auto Ma						33.4
Freq Offso 0 H	RMS					53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	620 kHz	#VBW	915000 GHz 200 kHz	Center 1.
		STATUS				ISG

### LTE B25\_20 M\_Band Edge\_High\_QPSK\_1RB



6	06:57:11 PM Apr 29, 2024	ALIGN AUTO	SENSE:INT	1 1 1	ctrum Analyzer - Swept SA RF 50 Ω AC	X RL
Frequency	TRACE 1 2 3 4 5 0 TYPE A CONTRACT OF A A A A A A	#Avg Type: RMS	Trig: Free Run #Atten: 20 dB	PNO: Wide	req 1.915000000	Center F
Auto Tun	1.915 000 GHz -29.613 dBm	Mkr1			Ref Offset 26.6 dB Ref 26.60 dBm	0 dB/div
Center Fre 1.915000000 GH						16.6
Start Fre 1.913000000 GH						3.40
Stop Fre 1.917000000 GH	-13.00 dBm		1			13.4 23.4
CF Ste 400.000 kH <u>Auto</u> Ma	RMS					33.4
Freq Offso 0 H						53.4
	Span 4.000 MHz 1.000 s (1001 pts)	#Sweep	620 kHz	#VBW	915000 GHz 200 kHz	
		STATUS				ISG

#### LTE B25\_20 M\_Band Edge\_High\_QPSK\_FullRB



Agilent Spectrum Analyzer - Channel Power			
RL RF 50 Ω AC Center Freq 1.916500000 GHz #IFGain:Low	SENSE:INTI ALIGN AUTO Center Freq: 1.916500000 GHz Trig: Free Run Avg Hold: 300/300 #Atten: 20 dB	06:57:20 PM Apr 29, 2024 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 26.6 dB 10 dB/div Ref 30.00 dBm Log			
20.0			Center Fred 1.916500000 GHz
-10.0			
30.0		~~~~~~	
50.0 50.0 Center 1.917 GHz		Span 4 MHz	CF Step 400.000 kH Auto Mar
Res BW 39 kHz	VBW 390 kHz	Sweep 3.2 ms	Adto Ma
Channel Power	Power Spectral Den	Freq Offset 0 Hz	
-25.80 dBm / 1 мнz	-85.80 dBm	1 /Hz	
ISG	STAT	ບຣ	

### LTE B25\_20 M\_Extended Band Edge\_High\_QPSK\_FullRB



### **12. ANNEX A\_ TEST SETUP PHOTO**

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2405-FC006-P