



64QAM

5G NR 2 Channel Power	5G NR 3 Occupied Bi	No. Company of the second second	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	a 1
KEIOIGIII	nput: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Exter	Range 47 dBm nai	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 679245000 GHz AvgHold.>9/9 CC Inte: DL, 1 CC			Range 47 dBm	Y Scale
1 Graph	•							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB		r r		Ref Value 40.00 dBm				Min Acq Time for	Signal Path
30.0								Adjust Range 0.00000 s	
20.0					7			Restart Meas	
0.00						\		on Adjust Range On	
-10.0								Off	
-20.0								Pre-Adjust for Min	1
-40.0								Clipping Off ¥	
-50.0								Peak-to-Average	
Center 3.67925 GHz #Res BW 1.0000 MH		1 ₁₂		Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 80 MHz 11 ms (1001 pts)	Ratio 11.8 dB	
2 Metrics								Mixer LvI Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandy	width 38.055 MHz			Active Carrier(s) Total Power	1 37.0 dBm			
	Transmit Freq E x dB Bandwidth		37.189 kHz 40.40 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
150	7 Feb 11 8:10:2	I, 2025	Align current frequency	waste to table all					

256QAM

Slot 8									a 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	v FG	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	1
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 46 dBm	Tilg Free Run Gate: FFT	Carrier Ref Freq: 3 679245000 GH AvgHold:>9/9 CC Into: DL, 1 CC	2		Range 46 dBm	Y Scale
1 Graph	162							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 10.0 -10.0 -20.0 -10.0 -20.0 -30.0 -40.0 50.0				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s Restart Meas on Adjust Range Of Pre-Adjust for Min Clipping Off v	Signal Path
Center 3.67925 GH #Res BW 1.0000 M			#1	Video BW 3.0000 MHz*		Sweep (FFT)	Span 80 MHz -111 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	2.						TT ALL ALL ALL ALL ALL ALL ALL ALL ALL A	Mixer LvI Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandw	vidth 38.060 MHz			Active Carrier(s) Total Power	1 36.8 dBm			
	Transmit Freq E x dB Bandwidth		2 kHz 1 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
م د	Feb 11 8:37:3	, 2025 10 PM	ion current frequency	ninge required					





ANT4 QPSK



16QAM







64QAM



256QAM



103 | Page





80MHz @3590.565MHz

ANT1 QPSK

Slot 8												a 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	5G NR 4 Rower Stat CCDF	5G NF Monito	5 Spectrum	5G NR 6 ACP		5G NR 9 Modulation Anal	ysis +	SCPI	C Trigger	· [尝
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: Ext	Range 47 d	Bm Trig Fr Gate: F		Carrier Ref Freq. 3 5905 Avg(Hold.>9/9 CC Into: DL, 1 CC	65000 GHz				Gate On Off	Trigger Gate
1 Graph Scale/Div 10.0 dB				Ref Value							Gate View On	Source Gate
Log				Ret value	40.00 0610		_				- Off	Settings
30.0											Gate Delay 1.845 ms	Periodic Sync Src
10.0		- ſ								_	Gate Length 3.7000 ms	Auto/ Holdoff
-10.0											Gate View Sweep	
-20.0		land -									Time 10.000 ms	
-40.0											Gate View Start Time 0.000 s	
Center 3.59057 GHz #Res BW 1.0000 M				≢Video BW	3.0000 MHz*			Sweep	Span 10 (FFT) ~166 ms (10			
2 Metrics	2.							18				
						Measure Tr	race	Trace 1				
	Occupied Bandy	vidth 77.462 MHz				Active Carr Total Powe		36.9 dBr	1			
	Transmit Freq E × dB Bandwidth	mor	26.207 kHz 80.37 MHz			% of OBW × dB	Power	99.00 % -26.00 di				
ب	Feb 11 10:21:	. 2025 21 AM	Allgn current freq	unney minge zegu	inte][M		

16QAM

Slot 8									
5G NR 2 Channel Power	5G NR 3 Occupied BW	, ,	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	· · · · · · · · · · · · · · · · · · ·
	Input RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: Extern	Range 47 dBm al	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 590565000 GH Avg Held >9/9 CC Inte: DL, 1 CC	E .		Range 47 dBm	Y Scale
1 Graph	33 7							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 30.00 dBm				Min Acq Time for	Signal Path
20.0		\sim				X		Adjust Range 0.00000 s	
0.00						1		Restart Meas	
-10.0								on Adjust Range On	
-20.0								Off	
-30.0								Pre-Adjust for Min	
-50.0								Clipping Off V	
-60.0									
Center 3.59057 GHz #Res BW 1.0000 MH				#Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 160 MHz 66 ms (1001 pts)	Peak to Average Ratio 11.8 dB	
2 Metrics	19 - - 2 - - 2							Mixer Lvl Offset	
					Measure Trace	Trace 1		0 dB	
		77.627 MHz			Active Carrier(s) Total Power	1 36.8 dBm			
	Transmit Freq Er x dB Bandwidth		21.43 kHz 80.31 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
5	Feb 11 11:54 5	. 2025 56 AM		y range required					

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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: WWW.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





64QAM

Slot 8									_ 🗗 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	v FG	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitu	ide v 📸
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z 50 Ω Corr CCorr Freq Ref: External	Range: 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq: 3.590565000 GHz Avg[Held.>9/9 CC Inte: DL, 1 CC			Range 46 dBm	Y Scale
1 Graph	•							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 20.0 0.00 -10.0 -0.0 -0.0 -0.0 -0.0 -0.0				Ref Value 40.00 dBm			Span 160 MHz	Min Acq Time for Adjust Range 0 00000 s Restart Meas On Off Pro-Adjust for Min Clipping Off Peak-to-Average Ratio	Signal Path
#Res BW 1.0000 M 2 Metrics	HZ					Sweep (FFT) ~1	66 ms (1001 pts)	11.8 dB Mixer Lvl Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandy	vidth 77.452 MHz			Active Carrier(s) Total Power	1 36.6 dBm			
	Transmit Freq E x dB Bandwidth		12 kHz 37 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
<u>م</u> ا	Feb 11 10 34:	2025 🖳 🔥 🗚	lign current frequency	ment rominal					
	10:34:	24 AM 🖂 🖊	and the second se	and the construction		النبنية المسمع	2		

256QAM

Slot 8									8
5G NR 2 Channel Power	5G NR 3 Occupied BV	v FG	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	· · · ·
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig, Free Run Gate: FFT	Carrier Ref Freq. 3 590565000 GH Avg Held.>9/9 CC Into: DL, 1 CC	e '		Range 47 dBm	Y Scale
1 Graph	100							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 10.0 -10.0 -10.0 -20.0 -30.0 -40.0 -50.0				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0 00000 s Restart Meas on Adjust Range Off Pre Adjust for Min Clipping Off Pre-k-to-Average	Signal Path
Center 3.59057 GH #Res BW 1.0000 M			*	Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 160 MHz 66 ms (1001 pts)	11.8 dB	
2 Metrics	Y				Measure Trace	Trace 1		Mixer LvI Offset 0 dB	
	Occupied Bandy	vidth 77.444 MHz			Active Carrier(s) Total Power	1 37.1 dBm			
	Transmit Freq E x dB Bandwidth		30 kHz 6 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
1	? Feb 11 11:26	. 2025 34 AM	lgo correct bequency	mingé zegulinid					





ANT2 QPSK

5G NR 2 Channel Power	5G NR 3 Occupied BV	w.	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	1
KEYSIGHT	input RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Externa	Range: 47 dBm al	Tilg Free Run Gate: FFT	Carrier Ref Freq: 3.590565000 GH Avg Hold:-9/9 CC Info: DL, 1 CC			Gate On Off	Trigger Gate
1 Graph Scale/Div 10.0 dB				Ref Value 40.00 dBm				Gate View On Off	Source Gate Settings
30.0								Gate Delay 1.845 ms	Periodic Sync Src
10.0								Gate Length 3.7000 ms	Auto/ Holdoff
-10.0 -20.0 -30.0								Gate View Sweep Time 10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.59057 GHz #Res BW 1.0000 MH	1		ŧ	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)		
2 Metrics	V				Measure Trace	Trace 1			
	Occupied Bandy	vidth 77.422 MHz			Active Carrier(s) Total Power	1 36.6 dBm			
	Transmit Freq E x dB Bandwidth		1.993 kHz 80.40 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
する	Feb 11 10:18	15 AM		ringe required] 🎞 🗄			

16QAM







64QAM



256QAM

Slot 8									ð 🔀
5G NR 2 Channel Power	5G NR 3 Occupied B	w	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	: ▼
	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Exter	Range 46 dBm nal	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 590565000 Gi Avg Held.>9/9 DC Into: DL, 1 DC	£		Range 46 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s	Signal Path
10.0 0.00 -10.0								Restart Meas on Adjust Range On Off	
-20.0 -30.0 -40.0								Pre-Adjust for Min Clipping Off ¥	
Center 3.59057 GH #Res BW 1.0000 M				#Video BW 3.0000 MHz		Sweep (FFT	Span 160 MHz)~166 ms (1001 pts)	Peak to-Average Ratio 11.8 dB	
2 Metrics	2				Measure Trace	Trace 1		Mixer Lvi Offset Ø dB	
	Occupied Band	width 77.407 MHz			Active Carrier(s) Total Power	1 36.5 dBm			
	Transmit Freq E × dB Bandwidth		15.193 kHz 80.39 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
ש ר ש	Feb 1 11:17	1, 2025 35 AM	Allgo current frequence	y mingé requiréd					



AA Electro Magnetic Test Laboratory Private Limited



Report No.: AAEMT/RF/250311-01

ANT3 QPSK



16QAM

Slot 8									0 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BW	, ,	iG NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	3 T 4
KEYSIGHT	Coupling AC	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig: Free Run Gate: FFT	Carrier Ref Freq. 3 590565000 GH Avg Held >9/9 CC Inte: DL, 1 CC	e -		Range 47 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 30.00 dBm				Min Acq Time for	Signal Path
20.0								Adjust Range 0.00000 s	
0.00						1		Restart Meas	1
-10.0								on Adjust Range On	
-20.0								Off Off	
-30.0								Pre-Adjust for Min	1
-40.0								Clipping Off ▼	
-50.0									
Center 3.59057 GH:				Video BW 3.0000 MHz		<u>.</u>		Peak-to-Average Ratio	
#Res BW 1.0000 M				FVIdeo BW 3.0000 MHz		Sweep (FFT)	Span 160 MHz ~166 ms (1001 pts)	11.8 dB	
2 Metrics	27					Alsa Wi		Mixer LvI Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandw 7	idth 7 619 MHz			Active Carrier(s) Total Power	1 37.0 dBm			
	Transmit Freq En × dB Bandwidth		.056 kHz).33 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
5	Peb 11, 12:07:0	2025 🗩 👗		/ ninge required					





64QAM



256QAM

Slot 8							_		
5G NR 2 Channel Power	5G NR 3 Occupied BV	N FO	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	a 🔹 🕈 🚟
KEYSIGHT	Input:RF Coupling:AC Ext Gain: 42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 47 dBm	Trig Free Run Gate. FFT	Carrier Ref Freq. 3 590565000 GH Avg(Hold >9/9 CC Infe: DL, 1 CC	12 IZ		Range 47 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB		· · ·		Ref Value 40.00 dBm		-		Min Acq Time for	Signal Path
30.0				110				Adjust Range 0.00000 s	
10.0		1				<u>}</u>		Restart Meas	
0.00						- <u>\</u>		on Adjust Range On	
-10.0								Off	
-20.0								Pre-Adjust for Min	
-30.0								Clipping	
-40.0								Off 🗸	
								Peak to Average Ratio	
Center 3.59057 GHz #Res BW 1.0000 MH				Video BW 3.0000 MHz*		Sweep (FFT)	Span 160 MHz ~166 ms (1001 pts)	11.8 dB	
2 Metrics								Mixer Lvl Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandy	width 77.421 MHz			Active Carrier(s) Total Power	1 37 4 dBm			
	Transmit Freq E x dB Bandwidth		175 kHz 39 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
الم	Feb 11 11:10	і. 2025 53 AM	Mign current frequency	mingle ze gulned					





ANT4 QPSK

Slot 8									a 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV		NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Keas Setu	p v 😤
KL TOIGHT	nput: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 590565000 GH AvgiHeld >9/9 CC Inte: DL, 1 CC	E .		Configure Presel Bandwidth 80 MHz •	Settings Radio
1 Graph	•							Frequency Range	
Scale/Div 10.0 dB				Ref Value 40.00 dBm				FR1 •	Meas Standard
30.0								Duplex Mode TDD V	Component Carriers
10.0								Configuration	Limits
-10.0								SCS µ = 1:30 kHz ▼	Advanced
-30.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							Auto Man	Global
-40.0								RB Alloc Preset DL NR-TM1.1 (P0) V	
Center 3.59057 GHz #Res BW 1.0000 MHz	2			#Video BW 3.0000 MHz*		Sweep (FFT)	Span 160 MHz -166 ms (1001 pts)	Advanced Preset Parameters	
2 Metrics	V							CP-OFDM	
					Measure Trace	Trace 1		Apply Preset (to All CCs)	
	Occupied Bandw	vidth 77.381 MHz			Active Carrier(s) Total Power	1 37.6 dBm			
	Transmit Freq Er × dB Bandwidth		902 kHz 38 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
1 7 6	? Feb 11 10:55:	2025 🗩 🖌		y mingle required					

16 QAM

Slot 8														
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	- 5G Por	NR 4 wer Stat CCDF	5G NR 5 Monitor	Spectrum	50 A(G NR 6 CP		5G NR 9 Modulation Analysis	+ \$	PI K	Amplitude	
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Corr Corr CCorr Freq Ref: E:		Range 47 dBm	Trig Free Gate: FF1		Carrier Re Avg[Hold: CC Info: D) GHz				Range 47 dBm	Y Scale
1 Graph												1	Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 20.0 10.0 -10.0 -20.6 -30.0 -30.0 -40.0 -60.0 -60.0 -70.					Ref Value 30						Span 160 M		Ain Acq Time for vdjust Range 0.00000 s Restart Meas n Adjust Range On Off *rp-Adjust for Min Jipping Off *esk-to-Average tatio	Signal Path
#Res BW 1.0000 M					PHACO DAT 54	out and				Sweep (FFT) ~16			11.8 dB	
2 Metrics	*							Measure Trace	Trac	:e1		100	lixer Lvi Offset 0 dB	
	Occupied Bandw	vidth 77.595 MHz	8					Active Carrier(s) Total Power	8	1 37 4 dBm				
	Transmit Freq E x dB Bandwidth	nor		62 kHz 32 MHz				% of OBW Power x dB	r	99.00 % -26.00 dB				
1 5 C	Peb 11 12:13	. 2025 06 PM	A A	lign current freque	ncy ningé tequin	6						1		





64QAM



256QAM

Slot 8											a 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	V P	G NR 4 ower Stat CCDF	5G NR 5 Monitor Spec		5G NR 6 ACP	5G NR 9 Modulatio	n Analysis	+ SCPI	Amplitude	
	nput: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 0 Corr CCorr Freq Ref: External	Range: 47 dEm	Trig Free Run Gate: FFT	A	arrier Ref Freq. 3 590565000 GH wg Hold.>9/9 C Inte: DL, 1 CC	5			Range 47 dBm	Y Scale
1 Graph	100									Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB			r i	Ref Value 40.00	dBm	1	•			Min Acq Time for	Signal Path
30.0										Adjust Range 0.00000 s	
20.0										Restart Meas	
0.00										on Adjust Range	
-10.0										On Off	
-20.0										Pre-Adjust for Min	
-30.0				3						Clipping	
-40.0										Off ▼	
				DEL DM13 5000						Peak-to-Average Ratio	
Center 3.59057 GHz #Res BW 1.0000 MHz				Video BW 3.0000	J MHZ"		5	weep (FFT) ~166	Span 160 MHz ms (1001 pts)	11.8 dB	
2 Metrics	· •							(down with the		Mixer LvI Offset	
						Measure Trace	Trace 1			0 dB	
	Occupied Bandw	vidth 77.372 MHz				Active Carrier(s) Total Power	37	1 5 dBm			
	Transmit Freq Er × dB Bandwidth		887 kHz 37 MHz			% of OBW Power x dB		9.00 % 6.00 dB			
* う ぺ	Peb 11 11:03	2025		minge required							





80MHz @3625.005MHz

ANT1

QPSK

5G NR 2 Channel Power	5G NR 3 Occupied BV	v • 5	G NR 4 ower Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	. 🗗 🔀 * 🔆
	Input RF Coupling AC Ext Gain: -42 50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3.625005000 G Avg Hold >9/9 CC Info: DL, 1 CC			Gate On Off	Trigger
1 Graph								Gate View On	Source
Scale/Div 10.0 dB				Ref Value 40.00 dBm		_		- Off	Gate Settings
30.0								Gate Delay 2.667 ms	Periodic Sync Src
10.0								Gate Length 3.7000 ms	Auto/ Holdoff
-10.0								Gate View Sweep Time 10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.62501 GH #Res BW 1.0000 M		· ·	#	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)		
2 Metrics	- 2 								
					Measure Trace	Trace 1			
	Occupied Bandy	vidth 77.357 MHz			Active Carrier(s) Total Power	1 36.8 dBm			
	Transmit Freq E × dB Bandwidth		137 kHz 36 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
500	Feb 11	2025							

16 QAM

Slot 8									
5G NR 2 Channel Power	5G NR 3 Occupied BV	v 5 0	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Meas Setu	p 7 🔆
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 625005000 GHz Avg Hold.>9/9 CC Inte: DL, 1 CC			Configure Preset Bandwidth 80 MHz •	Settings Radio
1 Graph	100							Frequency Range	FGIGIO
Scale/Div 10.0 dB				Ref Value 40.00 dBm				FR1 v	Meas Standard
30.0			,					Duplex Mode TDD ¥	Component Carriers
10.0 0.00								Configuration	Limits
-10.0								SCS µ=1:30 kHz ▼	Advanced
-30.0								Auto Man	Global
-40.0								RB Alloc Preset DL NR-TM3.2 v	
Center 3.62501 GH #Res BW 1.0000 M		14		#Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 160 MHz 166 ms (1001 pts)	Advanced Preset Parameters	
2 Metrics	- 27 .							CP-OFDM	
					Measure Trace	Trace 1		Apply Preset (to All CCs)	
	Occupied Bandw	vidth 77.564 MHz			Active Carrier(s) Total Power	1 36.7 dBm			
	Transmit Freq E x dB Bandwidth		165 kHz 30 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
すって	? Feb 11 12:37	2025		ncy range required					

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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: WWW.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





64QAM

dill. Slot 8						
5G NR 2 5G NR 3 5G NR 4 Channel Power Docupied BW Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Crigger Trigger	N 24
KEYSIGHT Input: RF Input 2:50 0. Range: 47 dBn Coupling AC Corr Corr PC Coupling AC Corr Corr PASS	Gate: FFT Avg	rier Ref Freq: 3.625005000 GHz Hold:>9/9 Into: DL, 1 CC			Gate On Off	Trigger
1 Graph V	191 11				Gate View	Gate Source
Scale/Div 10.0 dB	Ref Value 40.00 dBm				On Off	Gate Settings
10g 30.0					Gate Delay	Periodic
20.0					2.667 ms	Syne Sre
10.0					Gate Length	Auto/ Holdoff
-10.0					3.7000 ms	
-20.0			<u> </u>		Gate View Sweep Time	
30.0					10.000 ms	
-40.0					Gate View Start Time	
50.0					0.000 s	
Center 3.62501 GHz #Res BW 1.0000 MHz	#Video BW 3.0000 MHz*		Sween (EET) -	Span 160 MHz 166 ms (1001 pts)		
2 Metrics V			and provide			
		Measure Trace	Trace 1			
Occupied Bandwidth 77.367 MHz		Active Carrier(s) Total Power	1 36.7 dBm			
Transmit Freq Error -18.507 kHz x dB Bandwidth 80.37 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
		× as	-25.00 db			
E 5 C C Feb 11, 2025 Align current freque	ency mingle required					
			الغفاز			
	2560	QAM				
Siot 8						
5G NR 2 5G NR 3 5G NR 4 Channel Power Occupied BW 5G NR 4	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPF	C Trigger	v 😤
KEYSIGHT Input RF Input Z 50 Q Range 47 dBn	n Tilg Free Run Can	tier Ref Freq. 3 625005000 GHz			Gate	-
Coupling AC Corr Corr Ext Gain: 42 50 dB Freq Ref: External	Gate: FFT Avg	(Hold.>9/9 Into: DL, 1 CC			On Off	Trigger Gate
1 Graph v					Gate View	Source
Scale/Div 10.0 dB Log	Ref Value 40.00 dBm				On Off	Gate Settings
30.0					Gate Delay	Periodic
20.0					2.676 ms	Sync Src
10.0					Gate Length 3.7000 ms	Auto/ Holdoff
-10.0					Carologic control	
-20.0					Gate View Sweep Time	
-30.0					10.000 ms	
-40.0					Gate View Start Time	
					0.000 s	
Center 3.62501 GHz #Res BW 1.0000 MHz	#Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)		
2 Metrics Y			10000000			
		Measure Trace	Trace 1			
Occupied Bandwidth 77.374 MHz		Active Carrier(s) Total Power	1 36.8 dBm			
Transmit Freq Error -12.575 kHz x dB Bandwidth 80.36 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
A UCI DARIOWICIN OU. 50 MITZ		X 00	-25.00.00			





ANT2 QPSK

5G NR 2 Channel Power	5G NR 3 Occupied BV		5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9	+ SCPI	C Trigger	, 🗗 🗙
KEYSIGHT	Input: RF Input 2:50 0. Range 47 dBm Trig Fr Coupling AC Corr Cour Ext Gain: -42 50 dB Freq Ref: External				ACT Carrier Ref Freq. 3.625005000 GH Avg(Hold.>9/9 CC Infe: DL, 1 CC	Modulation Analysis		Gate On Off	Trigger Gate
1 Graph Scale/Div 10.0 dB				Ref Value 40.00 dBm				Gate View On Off	Source Gate
20 0								Gate Delay 2.667 ms	Settings Periodic Sync Src
10.0								Gate Length 3.7000 ms	Auto/ Holdoff
-10.0 -20.0 -30.0								Gate View Sweep Time 10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.62501 GH #Res BW 1.0000 M			#	Video BW 3.0000 MHz*		Sweep (FFT)	Span 160 MHz -166 ms (1001 pts)		
2 Metrics	- Y				i de cara				
					Measure Trace	Trace 1			
	Occupied Bandy	vidth 77.441 MHz			Active Carrier(s) Total Power	1 36.9 dBm			
	Transmit Freq E × dB Bandwidth		19.970 kHz 80.40 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
There are a second and the second									
1 っ へ	? Feb 11 12:46	1, 2025 44 PM		ninge required					

16QAM

Slot 8									ð 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v FG	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Keas Setu	p . • 😤
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq: 3.525005000 Gl Avg Held:>9/9 CC Inte: DL, 1 CC	42		Configure Preset Bandwidth 80 MHz •	Settings Radio
1 Graph	•							Frequency Range	rtauto
Scale/Div 10.0 dB				Ref Value 40.00 dBm				FR1 •	Meas Standard
30.0 20.0					~ / ~ /			Duplex Mode TDD v	Component Carriers
10.0								C TDD / User Def. Configuration	Limits
-10.0								SCS µ=1:30 kHz ▼	Advanced
-30.0						- <u>L</u>		Auto Man	Global
-40.0								RB Alloc Preset DL NR-TM3.2 v	
Center 3.62501 GH #Res BW 1.0000 M		VA		#Video BW 3.0000 MHz*		Sweep (FFT)	Span 160 MHz ~166 ms (1001 pts)	Advanced Preset Parameters	
2 Metrics	29							CP-OFDM	
					Measure Trace	Trace 1		Apply Preset (to All CCs)	
	Occupied Bandw	vidth 77.633 MHz			Active Carrier(s) Total Power	1 36.7 dBm			
	Transmit Freq Er × dB Bandwidth		85 kHz 3 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
し ら	? Feb 11 12:34	, 2025 93 PM 💬 🛕 AI		y ninge required					





64QAM



256QAM

Slot 8			-												
5G NR 2 Channel Power	5G NR 3 Occupied BV	N	5G Por	NR 4 ver Stat CCDF	5G NR 5 Monitor S			5G NR 6 ACP	5G NR Moduli	9 ation Analysis	+	SCPI	¢	Trigger	1 (C)
KL FOIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Con CCorr Freq Ref: E		Range 47 dBm	Trig: Free Gate: FFT	Run	Avg Ho	Ref Freq: 3.625005000 G d:>9/9 : DL, 1 CC	Hz				Gate On Off		Trigger Gate
1 Graph Scale/Div 10.0 dB	100				Ref Value 40	00 dBm							Gate View On		Source Gate
Log		i			Rei value 40	.00 015111			-				Off		Settings
30.0													Gate Delay 2.676 ms		Periodic Sync Src
10.0													Gate Length 3.7000 ms		Auto/ Holdoff
-10.0		-1											Gate View Sv Time	veep	
-30.0										_			10.000 ms		
-40.0													Gate View St 0.000 s	art Time	
Center 3.62501 GHz #Res BW 1.0000 MH					≢Video BW 3.0	000 MHz*			-	Sweep (FFT)		160 MHz 001 pts)			
2 Metrics	100														
								Measure Trace	Trace 1						
	Occupied Bandw	vidth 77.434 MHz	2					Active Carrier(s) Total Power		1 36.9 dBm					
	Transmit Freq El x dB Bandwidth	nor		25 kHz 0 MHz				% of OBW Power x dB		99.00 % -26.00 dB					
5	Feb 11 1242	1, 2025		Ign current theque	icy ninge require	8						X			

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ANT3 QPSK

Slot 8									a 🔀
5G NR 2 Channel Power	5G NR 3 Occupied B	w *	G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
KEIOIGIII	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Externa	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 625005000 GHz Avg Heid.>9/9 CC Inte: DL, 1 CC			Gate On Off	Trigger Gate
1 Graph	10.0							Gate View On	Source
Scale/Div 10.0 dB		,		Ref Value 40.00 dBm				- Off	Gate Settings
30.0								Gate Delay	Periodic
20.0		_						2.667 ms	Sync Src
10.0						\		Gate Length	Auto/
0.00		1 1				t		3.7000 ms	Holdoff
-10.0		1-1-						Gate View Sweep	
-20.0								Time	
-30.0	and the second s							10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.62501 GHz #Res BW 1.0000 MI		•	#	Video BW 3.0000 MHz*		Sweep (FFT)~	Span 160 MHz 166 ms (1001 pts)		
2 Metrics	29					/////			
					Measure Trace	Trace 1			
	Occupied Band				Active Carrier(s)	1			
		77.423 MHz			Total Power	36.5 dBm			
	Transmit Freq E x dB Bandwidth		230 kHz 39 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
1 5 6	Feb 1	1, 2025	Align current frequency	range required					
نيك لكت الكتيم									

16QAM

Slot 8														
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	5G NR Power	4 Stat CCDF	5G NF Monito	5 Spectrum	5G AC	NR 6 P	5G NF Modul	₹9 ation Analysis	+ \$	CPI	Meas Setu	· · ·
	Input RF Coupling: AC Ext Gain: -42.50 dB	Input Z 50 Q Corr CCorr Freq Ref: Ex		Range: 47 dBm	Trig Fi Gate: F	ee Run FT	Carrier Ref Avg/Hold.> CC Info: DL		H2				Configure Presel Bandwidth 80 MHz •	Settings Radio
1 Graph	•												Frequency Range	Hadio
Scale/Div 10.0 dB		, , , , , , , , , , , , , , , , , , ,			Ref Value	40.00 dBm							FR1 🔻	Meas Standard
30.0				~		- /	~ /						Duplex Mode TDD v	Component Carriers
10.0													CTDD / User Def. Configuration	Limits
-10.0													SCS µ = 1:30 kHz ▼	Advanced
-30.0													Auto Man	Global
-40.0													RB Alloc Preset DL NR-TM3.2 V	
Center 3.62501 GHz #Res BW 1.0000 MH		44.			#Video BW	3.0000 MHz*				Sweep (FFT) ~1	Span 160 66 ms (1001		Advanced Preset Parameters	
2 Metrics	24												CP-OFDM	
								Measure Trace	Trace 1				Apply Preset (to All CCs)	
	Occupied Bandw	vidth 77.629 MHz						Active Carrier(s) Total Power		1 36.6 dBm				
	Transmit Freq Er x dB Bandwidth	nor	75.718 80.32 N					% of OBW Power x dB		99.00 % -26.00 dB				
いって	? Feb 11 12:30 9	. 2025 50 PM	Allan									\mathbf{x}		





64QAM

5G NR 2 Channel Power	5G NR 3 Occupied B	N	5G NR 4 Power Stat CC	DF	5G NR 5 Monitor Spectrum	5G N ACP	R 6	5G NR 9 Modulation Analys	sis + SCPI	C Trigger	
	inpul: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Ext		47 dEm	Trig Free Run Gate: FFT	Carrier Ref F Avg(Hold.>9/ CC Into: DL,		is.		Gate On Off	Trigger Gate
1 Graph Scale/Div 10.0 dB					Ref Value 40.00 dBm					Gate View On Off	Source Gate
30.0 20.0										Gate Delay 2.667 ms	Settings Periodic Sync Src
10.0 0.00										Gate Length 3.7000 ms	Auto/ Holdoff
-10.0 -20.0 -30.0										Gate View Sweep Time 10.000 ms	
-40.0										Gate View Start Time 0.000 s	
Center 3.62501 GHz #Res BW 1.0000 MI				#1	/ideo BW 3.0000 MHz	•		Sweep (I	Span 160 MHz FFT) ~166 ms (1001 pts)		
2 Metrics	×.							- 11 - 31			
						N	leasure Trace	Trace 1			
	Occupied Band	width 77.422 MHz					ctive Carrier(s) stal Power	1 36.9 dBm			
	Transmit Freq E x dB Bandwidth		-17.466 kHz 80.39 MHz				of OBW Power dB	99.00 % -26.00 dB			
50	Feb 1 1:07:	1, 2025	Aligo current								

256QAM

Slot 8														
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	5G NF Power	l 4 Stat CCDE	5	G NR 5 Ionitor Spectrum	Ì	5G NR 6 ACP	5G N Modu	R 9 lation Analysis	+	SCPI	C Trigger	v 🔆
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Corr Corr CCorr Freq Ref: E:		Range: 47 dBi		ig: Free Run ate: FFT	Avg Hold	Ref Freq: 3.625005000 G 1 >9/9 DL, 1 CC	Hz				Gate On Off	Trigger Gate
1 Graph	•												Gate View On	Source
Scale/Div 10.0 dB					Ref V	alue 40.00 dBm				÷			Off	Gate Settings
30.0													Gate Delay 2.676 ms	Periodic Sync Src
20 0 10.0 0.00		- (Gate Length 3.7000 ms	Auto/ Holdoff
-10.0													Gate View Sweep Time 10.000 ms	
-40.0													Gate View Start Time 0.000 s	
Center 3.62501 GH #Res BW 1.0000 M					#Video	BW 3.0000 MHz				Sweep (FFT) ~16	Span 160 6 ms (100			
2 Metrics	200									A1924 - 1167				
								Measure Trace	Trace 1					
	Occupied Bandw	vidth 77.421 MHz	8					Active Carrier(s) Total Power		1 36.5 dBm				
	Transmit Freq Er × dB Bandwidth	nor	-21.447 80.39 M					% of OBW Power × dB		99.00 % -26.00 dB				
• う で	Feb 11 1274	. 2025 19 PM	Allon	coment frequ	ency range	required						X		





ANT4 QPSK



16QAM

Slot 8												. 🗗 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	V Ro	NR 4 wer Stat CCDF	5G NR 5 Monitor S	pectrum	5G NR 6 ACP		5G NR 9 Modulation	n Analys is	+ \$	Meas Set	up v 😤
	nput: RF Coupling: AC Cxt Gain: -42 50 dB	Input Z: 50 0. Corr CCorr Freq Ref: External	Range: 47 dBm	Trig Free Gate: FFT	Run	Carrier Ref Freq. 3.6 Avg/Hold.>9/9 CC Info: DL, 1 CC	25005000 GH	2			Configure Preset Bandwidth 80 MHz	Settings Radio
1 Graph Scale/Div 10.0 dB	•			Ref Value 40.	00 dBm						Frequency Range FR1	Meas
Log								1 i			Duplex Mode	Standard
30.0				~ ~	~ ~	~ ~	-				TDD 1	Component Carriers
10.0				Ĵ				X			TDD / User Def.	Limits
0.00											Configuration SCS	
-10.0											μ = 1:30 kHz	Advanced
-30.0											Auto	Global
-40.0											RB Alloc Preset	
-50.0											DLNR-TM3.2	
Center 3.62501 GHz #Res BW 1.0000 MHz				#Video BW 3.0	DOO MHz"			s	weep (FFT) ~	Span 160 MH 166 ms (1001 pt		1
2 Metrics	(v)										CP-OFDM	
						Measur	e Trace	Trace 1			Apply Preset (to All CCs)	
	Occupied Bandw					Active (1			
	Transmit Freq Er	77.626 MHz	51 kHz			Total Po	wer 3W Power		4 dBm 9.00 %			
	x dB Bandwidth		3 MHz			× dB	w Power		00 dB			
	- 🧿 Feb 11	2025 (
- っ へ	? Feb 11 12:27:	53 PM		icy range require								

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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: WWW.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





64 QAM

Slot 8			-										a 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV		Pov	NR 4 ver Stat CCDF	5G NR 5 Monitor S	pectrum	50 A	G NR 6 CP	5G NR 9 Modulati	on Analys is	+ SCPI	Trigger	• *
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Conr CCorr Freq Ref: E		Range: 47 dBm	Trig Free Gate: FFT	Run	Carrier Re Avg Hold CC Into: I		942			Gate On Off	Trigger Gate
1 Graph Scale/Div 10.0 dB					Ref Value 40.	00 dB						Gate View On	Source Gate
Log		r	-		Rei value 40.	OO dibim			-			- Off	Settings
30.0 20 0									_			Gate Delay 2.667 ms	Periodic Sync Src
10.0		1										Gate Length 3.7000 ms	Auto/ Holdoff
-10.0												Gate View Sweep Time	
-30.0												10.000 ms	
-40.0												Gate View Start Time 0.000 s	
Center 3.62501 GH #Res BW 1.0000 M					#Video BW 3.0	000 MHz*			•=	Sweep (FFT) ~1	Span 160 MHz 66 ms (1001 pts)		
2 Metrics	24												
								Measure Trace	Trace 1				
	Occupied Bandy	vidth 77.426 MHz						Active Carrier(s) Total Power	3	1 7.7 dBm			
	Transmit Freq E × dB Bandwidth	nor		70 kHz 9 MHz				% of OBW Power × dB		99.00 % 6.00 dB			
ی د	Feb 11 1:02 4	, 2025 16 PM		lgn:coment frequen	cy range tequine	8							

256QAM

Slot 8													a 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	5G NP Power	₹4 Stat CCDF	5G NR 5 Monitor Sp	ectrum		5G NR 6 ACP	5G Mo	NR 9 dulation Analysis	+ SCPI	Amplitude	· • 😤
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 C Corr CCorr Freq Ref: Ex		Range 47 dBm	Trig Free R Gate: FFT	un	Avgille	Ref Freq: 3 625005000 G Id: >9/9 p: DL, 1 CC	Hz			Range 47 dBm	Y Scale
1 Graph Scale/Div 10.0 dB					Ref Value 40.0	0 dPm						Adjust Range for Min Clipping	Range
Log		r r			Ret Value 40.0	u aism		n n	1-	1		Min Acq Time for Adjust Range	Signal Path
30.0												0.00000 s	
10.0		- 1							1			Restart Meas on Adjust Range	
0.00												On Off	
-20.0									1			1.000	
-30.0		1							100		-	Pre-Adjust for Min Clipping	
-40.0												Off v	
Center 3.62501 GHz #Res BW 1.0000 MH					#Video BW 3.00	00 MHz*				Sweep (FFT)	Span 160 MHz ~166 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics												Mixer Lvl Offset	
								Measure Trace	Trace 1	i i		0 dB	
	Occupied Bandy							Active Carrier(s)		1			
	Transmit Freq E	77.422 MHz	-13.688	kU z				Total Power % of OBW Power	-	37.8 dBm 99.00 %			
	x dB Bandwidth	101	80.39 M					x dB		-26.00 dB			
1	Feb 11 1:30:"	, 2025	Allan	current frequent	y range required	1							

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80MHz @3659.43MHz

ANT1 QPSK

NR 2 annel Power	5G NR 3 Occupied BV	v sG	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	
EYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 48 dBm	Trig Free Run Gale: FFT	Carrier Ref Freq. 3 659430000 Avg[Hold.>9/9 CC Into: DL, 1 CC	3H2		Gate On Off	Trigger Gate
raph ale/Div 10.0 dB				Ref Value 40.00 dBm				Gate View On Off	Source Gate Settings
9 .0 a								Gate Delay 4.210 ms	Periodic Sync Sr
								Gate Length 3.7000 ms	Auto/ Holdoff
.0								Gate View Sweep Time 10.000 ms	
								Gate View Start Time 0.000 s	
ter 3.65943 GH s BW 1.0000 M				Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)		
etrics	1								
					Measure Trace	Trace 1			
	Occupied Bandy	vidth 77.424 MHz			Active Carrier(s) Total Power	1 37.3 dBm			
	Transmit Freq E x dB Bandwidth		17 kHz 7 MHz		% of OBW Power x dB	99.00 % -26.00 dB			

16 QAM

Slot 8									. 8 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v SG Pov	NR 4 /er Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	e v 😤
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 659430000 GF AvgHeid:>9/9 CC Inte: DL, 1 CC	e		Range 47 dBm	Y Scale
1 Graph	100							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB			\sim	Ref Value 30.00 dBm				Min Acq Time for Adjust Range 0.00000 s	Signal Path
-10.0								Restart Meas on Adjust Range On Off	
-30.0								Pre-Adjust for Min Clipping Off v	
-60 0 Center 3.65943 GH #Res BW 1.0000 M			ŧ1	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	2.				Measure Trace	Trace 1		Mixer LvI Offset 0 dB	
	Occupied Bandw	vidth 77.624 MHz			Active Carrier(s) Total Power	1 37.3 dBm			
	Transmit Freq E × dB Bandwidth		2 kHz 9 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
1	Feb 11 3:41:2	. 2025 33 PM	go current frequency	ninge required					

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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com

Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





Slot 8 đ 5G NR 9 GNR 2 5G NR 4 Power Stat CCDF 5G NR 6 + SCPI 5G NI Carrier Ref Freq. 3 Avg/Hold.>9/9 CC Into: DL, 1 CC **KEYSIGH** Y Scale 47 dBm Adjust Range for Min Clipping Ref Value 40.00 Signal Path Min Acq Time Adjust Range 0.00000 s estart Meas n Adjust Range On Off Pre-Adjust for N Off Peak to . Ratio ter 3.65943 GHz BW 1.0000 MH #Video BW 3.0000 MHz Span 160 MHz Sweep (FFT) ~166 ms (1001 pts) 11.8 dB Mixer Lvi Offset 0 dB Trace 1 ed Ba e Carri en 424 MHz 37.2 dBm 99.00 % -26.00 dB 48.328 kHz 80.37 MHz Feb 11, 2025 (回) 2:29:10 PM

64 QAM

256 QAM

Channel Power Opconted BW Power Stat CCDF Month Spectrum ACP Modulation Analysis Cannel Ref Ref KEYSIGHT reput Fit reput Fit Range: 47 dBm	5G NR 2	5G NR 3	5G	NR 4	5G NR 5	5G NR 6		G NR 9	+ SCPI	Amplitude	
1 Graph Scale/Div 10.0 dB Ref Value 40.00 dBm Log 200 200 200 200 200 200 200 20	C	Input: RF Coupling: AC	Input Z: 50 Q Corr CCorr			Avg Hold.>9/9		odulation Analysis		Range	Y Scale
Log Min Act Time for Add Range 0.0000 s 20.0 Min Act Time for Add Range 0.0000 s 10.0 Min Act Time for Add Range 0.0000 s 20.0 Span 160 Mitz 20.0 Fvideo BW 3.0000 MHz* Span 160 Mitz Span 160 Mitz Sweep (FT) ~166 ms (1001 pt) 11.8 dB Min Act Range 0.000 0.0 Min Act Range 0.0000 MHz Sweep (FT) ~166 ms (1001 pt) 11.8 dB Mice Carrier(s) 1 Min Act Range 37 2 dBim 0.0ccupied Bandwidth 77 425 MHz % of OWP Power 90.0 %	1 Graph									Adjust Range for Min Clipping	
10 0 10 0	- og 30.0				Ret Value 40.00 dBm					Adjust Range	Signal Pat
All of the set of the										on Adjust Range On	
enter 3.65943 GHz enter 3.65943 GHz sweep (FFT) -166 ms (1001 pts) Metrics Metrics Measure Trace Coccupied Bandwidth 77.425 MHz Transmit Freq Error -46.891 KHz -46.891 KHz -66 931 KHz -66 931 KHz -76 OBW Power -90.0 %	30.0									Clipping	
Measure Trace Trace 1 Occupied Bandwidth 77 425 MHz Active Carrier(s) Transmit Free Error 1 -46.891 kHz Transmit Free Error -46.891 kHz	enter 3.65943 GH			4	Video BW 3.0000 MHz*			Sweep (FFT) ~1		Ratio	
T77 425 MHz Total Power 37 2 dBm Transmit Freg Error -46.891 kHz % of OBW Power 99.00 %	? Metrics	Y				Measure Trace	Trace	1			
							5)	1 37 2 dBm			
							ver				

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ANT2 QPSK

Slot 8									. 🗗 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v v 5G	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitu	de v 😤
KEYSIGHT	input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z 50 Ω Corr CCorr Freq Ref: External	Range 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 659430000 GHz Avg[Hold.>9/9 CC Inte: DL, 1 CC			Range 46 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 40.00 dBm				Min Acq Time for	Signal Path
Log 30.0								Adjust Range	
20.0								0.00000 s	
10.0								Restart Meas	
0.00		1						on Adjust Range	
-10.0								On Off	
-20.0						1			
-30.0								Pre-Adjust for Min Clipping	
-40.0								Off	
-50.0								Peak-to-Average	-
Center 3.65943 GH: #Res BW 1.0000 M				Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 160 MHz 66 ms (1001 pts)		
2 Metrics	1.0							Mixer Lvl Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandw	uidth			Active Carrier(s)	1			
		77.399 MHz			Total Power	36.7 dBm			
	Transmit Freq E	nor -46.0	86 kHz		% of OBW Power	99.00 %			
	x dB Bandwidth		8 MHz		× dB	-26.00 dB			
1 50	Feb 11	. 2025	lgo current frequency	ninge required					

16 QAM

Slot 8									8 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	Por	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	• • • *
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 659430000 GH Avg Hold.>9/9 CC Inte: DL, 1 CC			Range 46 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB		· · ·		Ref Value 40.00 dBm				Min Acg Time for	Signal Path
30.0								Adjust Range 0.00000 s	
20.0				\sim				Carao and a construction of the construction o	
10.0		Í						Restart Meas on Adjust Range	
-10.0		1						On Off	
-20.0									
-30.0								Pre-Adjust for Min Clipping	
-40.0								Off 🗸	
-50.0								Peak-to-Average	
Center 3.65943 GH #Res BW 1.0000 M				≇Video BW 3.0000 MHz*		Sweep (FFT)	Span 160 MHz ~166 ms (1001 pts)	Ratio 11.8 dB	
2 Metrics	2 v							Mixer LvI Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandw	vidth 77.609 MHz			Active Carrier(s) Total Power	1 36.7 dBm			
	Transmit Freq E x dB Bandwidth		25 kHz 31 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
1 5 C	Feb 11 346:3	2025	lign current frequency	ringe required					

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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: WWW.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





64 QAM

Slot 8									. 🗗 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	v 5 0	G NR 4 ower Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitud	8 7
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 659430000 GH Avg(Hold.>9/9 CC Inte: DL, 1 CC	e		Range 46 dBm	Y Scale
1 Graph	· •							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB		, <u>, , , , , , , , , , , , , , , , , , </u>		Ref Value 40.00 dBm		¥		Min Acg Time for	Signal Path
30.0								Adjust Range 0.00000 s	
10.0						1		Restart Meas	1
0.00								on Adjust Range On	
-10.0								Off	
-20.0								Pre-Adjust for Min	1
-30.0								Clipping	
-40.0								Off 1	
								Peak-to-Average Ratio	
Center 3.65943 GH #Res BW 1.0000 M			Ŧ	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)	11.8 dB	
2 Metrics	- 27 - -							Mixer Lvl Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandw	vidth 77 407 MHz			Active Carrier(s) Total Power	1 36.2 dBm			
	Transmit Freq E		760 kHz		% of OBW Power	99.00 %			
	x dB Bandwidth		39 MHz		x dB	-26.00 dB			
1 5 6	Feb 11 2:37:5	. 2025	Nign current frequency	range required					
		11							

256QAM

Slot 8									a 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	v JG	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq: 3.659430000 GE AvgHold.>9/9 CC Into: DL, 1 CC	12		Range 46 dBm	Y Scale
1 Graph	100							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 20.0 10.0 .00 .00 .00 .00 .00 .00 .00 .00				Ref Value 40.00 dBm			Span 160 MHz	Min Acq Time for Adjust Range 0.00000 s Restart Meas on Adjust Range Of Pre-Adjust for Min Clipping Off v Peak to -Average Ratio	Signal Path
#Res BW 1.0000 M	1 gans					Sweep (FFT) ~1	66 ms (1001 pts)	11.8 dB	
2 Metrics	- -				Measure Trace	Trace 1		Mixer Lvl Offset 0 dB	
	Occupied Bandy	vidth 77.409 MHz			Active Carrier(s) Total Power	1 36.3 dBm			
	Transmit Freq E × dB Bandwidth		63 kHz 19 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
ی رہ 📕	? Feb 11 2:59:0	, 2025 12 PM 🗩 A	ligit current frequency	(rangé regulitéd		.:: 2			





ANT3 QPSK

5G NR 2 Channel Power	5G NR 3 Occupied Bi	N	- 5G	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrur	5G NR 6		5G NR 9 Modulation Analysis	+ SCPI	C Trigger	
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Corr CCorr Freq Ref: E	۵	Range 47 dBm	Trig Free Run Gate. FFT	Carrier Ref Freq: 3 65943 Avg Held.>9/9 DC Into: DL, 1 DC	10000 GH2			Gate On Off	Triggor Gate
1 Graph	100									Gate View On	Source
Scale/Div 10.0 dB					Ref Value 40.00 dBn					Off	Gate Settings
Log 30.0										Gate Delay	Periodic
20.0										3.671 ms	Sync Src
										Gate Length	Auto/
		1								3.7000 ms	Holdoff
										Gate View Sweep	
										Time	
-30,0										10.000 ms	
										Gate View Start Time 0.000 s	
Center 3.65943 GH #Res BW 1.0000 M		h		#\	/ideo BW 3.0000 MH	z		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)		
2 Metrics								//////////////////////////////////////			
						Measure Tra	ace Tra	ace 1			
	Occupied Bandy	width 77.380 MH	2			Active Carrie Total Power	er(s)	1 37.5 dBm			
	Transmit Freq E x dB Bandwidth	nor		62 kHz 17 MHz		% of OBW F x dB	Power	99.00 % -26.00 dB			
	Dideas Antony data					Terroral (
1 7 C	? Feb 11	, 2025 35 РМ		lign current frequency (ninge required						

16 QAM

Slot 8													a 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	<i>i</i>	5G I Pow	NR 4 er Stat CCDF	5G NR 5 Monitor Spec	strum	5G NR 6 ACP	5G N Modu	R 9 Ilation Analysis	+ *	CPI	Amplitude	· · · · · · · · · · · · · · · · · · ·
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 (Corr CCorr Freq Ref: E:		Range 46 dBm	Trig: Free Rur Gate: FFT		Carrier Ref Freq. 3 659430000 G Avg[Hold:>9/9 CC Into: DL, 1 CC	H2				Range 46 dBm	Y Scale
1 Graph												Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 10.0 0.00 -10.0 -20.0 -30.0 -40.0 50.0				<u></u>	Ref Value 40.00	dBm	~					Min Acq Time for Adjust Range 0.00000 s Restart Mass on Adjust Range On On Clipping Off v	Signal Path
Center 3.65943 GH #Res BW 1.0000 M					#Video BW 3.000) MHz*			Sweep (EFT)	Span 160 M	AHz	Peak-to-Average Ratio 11.8 dB	
2 Metrics								- 145 - S				Mixer Lvl Offset 0 dB	
							Measure Trace	Trace 1					
	Occupied Bandy	vidth 77.609 MHz					Active Carrier(s) Total Power		1 36.7 dBm				
	Transmit Freq E x dB Bandwidth	nor		25 kHz 1 MHz			% of OBW Power x dB		99.00 % -26.00 dB				
5	Peb 11 3:46:3	, 2025 51 PM	A A		ny ningé required								





64 QAM

5G NR 2 Channel Power	5G NR 3 Occupied B	N	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitud	8 V <u>str</u>
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Exte	Range 47 dBm mai	Trig Free Run Gate. FFT	Carrier Ref Freq. 3.659430000 GH AvgHold.>9/9 CC Inte: DL, 1 CC	2		Range 47 dBm	Y Scale
1 Graph Scale/Div 10.0 dB				Ref Value 40.00 dBm				Adjust Range for Min Clipping	Range
30.0 20.0				Ret Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s	Signal Path
t0.0 0.00 -10.0								Restart Meas on Adjust Range On Off	
-20.0								Pre-Adjust for Min Clipping Off •	
50 0 Center 3.65943 GH #Res BW 1.0000 M				#Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 160 MHz 166 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	24				Measure Trace	Trace 1		Mixer Lvl Offset Ø dB	
	Occupied Band	width 77.389 MHz			Active Carrier(s) Total Power	1 37 2 dBm			
	Transmit Freq E x dB Bandwidth		-58.868 kHz 80.38 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
5	? Feb 11 2.43	1, 2025 43 PM		ry mage required		2			

256QAM

Slot 8												8 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	FG Pow	NR 4 ver Stat CCDF	5G NR 5 Monitor Spe	ctrum	5G NR 6 ACP	5G Mo	NR 9 dulation Analysis	+ SCPI	Amplitude	- 1 器
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 (Corr CCorr Freq Ref: E:		Range: 47 dBm	Trig Free Ru Gate: FFT	n	Carrier Ref Freq. 3 659430000 (Avg)Hold:>9/9 CC Inte: DL, 1 CC	342			Range 47 dBm	Y Scale
1 Graph											Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 0.00 -20.0	Z				Ref Value 40.00					Span 160 MHz	Min Acq Time for Adjust Range 0 00000 s Restart Meas on Adjust Range Off Pre Adjust for Min Clipping Off Peak to Average	Signal Path
#Res BW 1.0000 M 2 Metrics	Hz								Sweep (FFT) ~10	6 ms (1001 pts)	11.8 dB	
2 Metrics							Measure Trace	Trace 1			Mixer Lvi Offset 0 dB	
	Occupied Bandy	vidth 77.382 MHz	2				Active Carrier(s) Total Power		1 37.2 dBm			
	Transmit Freq E x dB Bandwidth	rror		07 kHz 8 MHz			% of OBW Power × dB		99.00 % -26.00 dB			
יא ב שיר ש	Feb 11 3:07:0	. 2025) <mark>/</mark> /#	lgn current frequen	ny ningé tegulinid	1						





ANT4 QPSK

Int. Slot 8									. 🗗 🗙
5G NR 2 Channel Power	5G NR 3 Occupied B	w Fo	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitud	· · · ·
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 47 dBm	Trig: Free Run Gate: FFT	Carrier Ref Freq. 3 659430000 GH Avg(Hold:>9/9 CC Inte: DL, 1 CC	z		Range 47 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20 0				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s	Signal Path
10.0 0.00 -10.0								Restart Meas on Adjust Range On Off	
-20.0								Pre-Adjust for Min Clipping Off •	
Center 3.65943 GHz #Res BW 1.0000 MI			#\	Video BW 3.0000 MHz*		Sweep (FFT) ~1	Span 160 MHz 166 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics					Measure Trace	Trace 1		Mixer Lvl Offset Ø dB	
	Occupied Band	width 77.425 MHz			Active Carrier(s) Total Power	1 37.2 dBm			
	Transmit Freq E x dB Bandwidth		925 kHz 40 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
ب	? Feb 1 1:42	1, 2025 35 РМ	Vigo current frequency	ninge required					

16 QAM

Slot 8								0 🔀
5G NR 1 Monitor Spectrum	5G NR 2 Modulation	Analysis	5G NR 3 Power Stat CCDF	5G NR 4 Occupied BW	• +	St	PI 🗘 Trigger	• <u>-</u>
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Exte	Range: 50 dBm mai	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 659430000 G Avg Held.>10/10 CC Info: DL, 1 CC	H2	Gate On Off	Triggor Gate
1 Graph	•						Gate View	Source
Scale/Div 10.0 dB		5		Ref Value 40.00 dBm	11		On Off	Gate Settings
Log 30.0							Gate Delay	Periodic
20.0		-					1.708 ms	Syne Sre
10.0			~~~		me -	A	Gate Length	Auto/
0.00							3.7000 ms	Holdoff
-10.0		+ +					Gate View Sweep	
-20.0							Time	
-30.0							10.000 ms	
-40.0							Gate View Start Time	
							0.000 s	
Center 3.65943 GH #Res BW 1.0000 M				#Video BW 3.0000 MHz*		Span 160 M Sweep (FFT) ~166 ms (1001 p		
2 Metrics	2 4							
					Measure Trace	Trace 1		
	Occupied Band	width 77 634 MHz			Active Carrier(s) Total Power	1 37.1 dBm		
	Transmit Freq E		64.574 kHz		% of OBW Power	99.00 %		
	x dB Bandwidth		80.33 MHz		× dB	-26.00 dB		
			-					
100	7 Feb 1 12:49	3, 2025	Align current trequent					
		and the second						





64 QAM

5G NR 2	5G NR 3		5G NR 4	5G NR 5	5G NR 6	5G NR 9			. 8 🔀
Channel Power	Occupied B	w	Power Stat CCDF	Monitor Spectrum	ACP	Modulation Analysis	+ SCPI	C Amplitud	e 👎 😤
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Exter	Range: 47 dBm nal	Trig Free Run Gate: FFT	Carrier Ref Freq: 3 659430000 GH Avg[Held:>9/9 CC Inte: DL, 1 CC	2		Range 47 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB		5		Ref Value 40.00 dBm	21: To at	2%		Min Acg Time for	Signal Path
Log 30.0								Adjust Range	
20.0								0.00000 s	
								Restart Meas	1
								on Adjust Range On	
								Off Off	
								Pre-Adjust for Min	1
-30.0								Clipping	
								Off 1	
								Peak-to-Average	
Center 3.65943 GH #Res BW 1.0000 N			#1	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 160 MHz 166 ms (1001 pts)	Ratio 11.8 dB	
2 Metrics								Mixer Lvl Offset	1
					Measure Trace	Trace 1		0 dB	
	Occupied Band				Active Carrier(s)	1			
		77.417 MHz			Total Power	37.0 dBm			
	Transmit Freq E x dB Bandwidth		43.475 kHz 80.39 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
	I Internet I Provide Landson								
5	Feb 1 2:47:	1, 2025 57 PM		ninge required					
	1				- //		1		

256 QAM

Slot 8									8 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v v 50	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	a 1 😤
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freg. 3.659430000 Gl Avg Hold.>9/9 CC Inte: DL, 1 CC	Hz		Range 47 dBm	Y Scale
1 Graph	10.0							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20.0 10.0 .000 .000 .000 .000 .000				Ref Value 40.00 dBm ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		Sweep (FFT) ~	Span 160 Miłz	Min Acq Time for Acjust Range 0.00000 s Restart Meas on Acjust Range Off Pre Adjust for Min Cilipping Off • Peak to Average Ratio	Signal Path
2 Metrics	Transmit Freq Er x dB Bandwidth	77.425 MHz rror -33.3	210 kHz 40 MHz M(gr. current frequence	y rangé zequinéd	Measure Trace Active Carrier(s) Total Power % of OBW Power x dB	Trace 1 1 37 1 dBm 99.00 % -26 00 dB		Mixer Lvi Offset 9 dB	





100MHz @3600.57MHz

ANT1 QPSK

G NR 1 odulation Analysis	5G NR 2 Channel Po	ver	5G NR 3 Occupied BW	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	+ SCPI	C Trigger	
	ult RF upling:AC tGain:-42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Extr	Range 46 dBl emal	n Trig Free Run Gate: FFT	Carrier Ref Freq. 3.600570000 G Avg Heid.>10/10 CC Inte: DL, 1 CC	112		Gate On Off	Trigger Gate
cale/Div 10.0 dB				Ref Value 40.00 dBm		A2		Gate View On Off	Source Gate
og 0.0								Gate Delay 1.808 ms	Settings Periodic Sync Src
								Gate Length 3.7000 ms	Auto/ Holdoff
								Gate View Sweep Time 10.000 ms	
								Gate View Start Time 0.000 s	
nter 3.6006 GHz tes BW 1.0000 MHz				#Video BW 3.0000 MHz		Sweep (Ff	Span 200 MHz T) ~222 ms (1001 pts)		
Metrics					Measure Trace	Trace 1			
	Occupied Band	vidth 97.349 MHz			Active Carrier(s) Total Power	1 36.5 dBm			
	Transmit Freq E x dB Bandwidth	rror	45.091 kHz 100.5 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
	? Feb 11								

16QAM

Slot 8		100							. 🗗 🔀
5G NR 1 Modulation Analysis	5G NR 2 Channel Pow	er	5G NR 3 Occupied BW	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	+ SCPI	Amplitud	в т <mark>н</mark>
	Coupling: AC	Input Z: 50 Ω Corr CCorr Freq Ref: Externa	Range: 46 dBm	Trig. Free Run Gate: FFT	Carrier Ref Freq. 3.600570000 GH Avg Hold.>9/9 CC Inte: DL, 1 CC	τε Γ		Range 46 dBm	Y Scale
1 Graph	8 7							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 40.00 dBm				Min Acq Time for	Signal Path
30.0								Adjust Range	
20 0		-	\frown	mm				0.00000 s	
10.0								Restart Meas on Adjust Range	
0.00								On	
-10.0								Off	
-20.0								Pre-Adjust for Min	1
-30.0								Clipping On 1	
-50.0									
Center 3.6006 GHz		j.		10 C L 1011 2 0000 MILL-1			C	Peak-to-Average Ratio	
#Res BW 1.0000 MH	z			#Video BW 3.0000 MHz*		Sweep (FF)	Span 200 MHz)~222 ms (1001 pts)	11.8 dB	
2 Metrics	24					1000		Mixer LvI Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandw	idth 97.432 MHz			Active Carrier(s) Total Power	1 36.5 dBm			
	Transmit Freq En × dB Bandwidth		1.343 kHz 00.5 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
いって	Feb 10, 7:14:1	2025 🗩 💧							

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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





64QAM



256QAM

Slot 8					and a low of the second se				ð 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	v •	iG NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	★
INC FOIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3 600570000 GH Avg Hold.>9/9 CC Inte: DL, 1 CC	te -		Gate On Off	Triggør Gate
1 Graph Scale/Div 10.0 dB				Ref Value 40.00 dBm				Gate View On	Source Gate
Log		· · ·		Ref value 40.00 dBm		- 1		- Off	Settings
30.0								Gate Delay 1.854 ms	Periodic Sync Src
10.0								Gate Length 3.4338 ms	Auto/ Holdoff
-10.0								Gate View Sweep Time	
-30.0	-							10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.6006 GHz #Res BW 1.0000 Mi	Iz	20 20		Video BW 3.0000 MHz*		Sweep (FFT)	Span 200 MHz -222 ms (1001 pts)		
2 Metrics	24					(103 a)))			
					Measure Trace	Trace 1			
	Occupied Bandw	vidth 97.328 MHz			Active Carrier(s) Total Power	1 36. <mark>5</mark> dBm			
	Transmit Freq Er × dB Bandwidth		.463 kHz 00.5 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
ی ک	Feb 10 10:063	. 2025 43 PM 💬 🛕	Align current frequency	minge required					





ANT2 QPSK

5G NR 1 Modulation Analysis	5G NR 2 Channel Pow	/er	5G NR 3 Occupied BW	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	+ SCPI	C Trigger	
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: Exter	Range: 47 dBm nal	Trig: Free Run Gate: FFT	Carrier Ref Freq: 3 600570000 GHz AvgHeid >10/10 CC Inte: DL, 1 CC			Gate On Off	Trigger Gate
1 Graph	100							Gate View On	Source Gate
Scale/Div 10.0 dB				Ref Value 40.00 dBm				- Oif	Settings
30.0								Gate Delay	Periodic
								1.808 ms	Syne Sre
								Gate Length	Auto/ Holdoff
								3.7000 ms	HOLGOTT
								Gate View Sweep	
						ler.		Time	
-30.0								10.000 ms	
								Gate View Start Time 0.000 s	
Center 3.6006 GHz #Res BW 1.0000 M			#\	/ideo BW 3.0000 MHz*		Sweep (FFT) ~	Span 200 MHz 222 ms (1001 pts)		
2 Metrics	- 2 v								
					Measure Trace	Trace 1			
	Occupied Bandw	vidth 97.303 MHz			Active Carrier(s) Total Power	1 37.1 dBm			
	Transmit Freq Er x dB Bandwidth	ror	15.474 kHz 100.6 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
1 5 6	Feb 10	, 2025	Align current frequency i	ränge regulteit			XHX		

16QAM

Slot 8			-										5 🔀
5G NR 1 Modulation Analysis	5G NR 2 Channel Pov		- Oc	NR 3 cupied BW		tat CCDF		5G NR 5 Monitor Spectrum	5G NR 6 ACP		+ SCPI	Amplitude	s ▼ 🛗
	npult RF coupling: AC xt Gain: -42 50 dB	Input Z: 50 Corr CCorr Freq Ref: E		Range: 46 dBm	Tilg Free Gate: FF1		AvgHo	Ref Freq. 3 600570000 C Id.>9/9 I: DL, 1 CC	H2			Range 46 dBm	Y Scale
1 Graph	•				5 (1) (1)							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB		r 1	-		Ref Value 40	.00 dBm			- 1			Min Acq Time for	Signal Path
30.0												Adjust Range 0.00000 s	
20.0		1	~	\sim	\sim	\sim	~	\sim	1			Restart Meas	
0.00		1										on Adjust Range On	
-10.0		1										■ Ŏff	
-20.0												Pre-Adjust for Min	1
-30.0												Clipping On Y	
-50.0												Peak to-Average	
Center 3.6006 GHz #Res BW 1.0000 MHz		1. S4			#Video BW 3.	0000 MHz*			4	Sweep (FFT) ~	Span 200 MHz 222 ms (1001 pts)	Ratio 11.8 dB	
2 Metrics	· •											Mixer Lvl Offset	
								Measure Trace	Trace 1			0 dB	
	Occupied Bandw	vidth 97.386 MHz						Active Carrier(s) Total Power		1. 6.7 dBm			
	Transmit Freq Er × dB Bandwidth	nor		53 kHz 5 MHz				% of OBW Power × dB		99.00 % 26.00 dB			
• らん	Feb 10 6:51:5	, 2025 57 PM		lign current freque	ancy minge miquits	W.							





64QAM



256QAM

Slot 8									a 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BW	5G Pow	NR 4 /er Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	1 4
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3.600570000 Gl- Avg Hold.>9/9 CC Inte: DL, 1 CC	12		Gate On Off	Trigger Gate
1 Graph	33							Gate View On	Source
Scale/Div 10.0 dB				Ref Value 40.00 dBm		· · · · · · · · · · · · · · · · · · ·		- Off	Gate Settings
30.0								Gate Delay 1.854 ms	Periodic Sync Src
10.0								Gate Length 3.4338 ms	Auto/ Holdoff
-10.0 -20.0 -30.0								Gate View Sweep Time 10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.6006 GHz #Res BW 1.0000 M				Video BW 3.0000 MHz*		Sweep (FFT)	Span 200 MHz ~222 ms (1001 pts)		
2 Metrics	2 1								
					Measure Trace	Trace 1			
	Occupied Bandw	idth 97 292 MHz			Active Carrier(s) Total Power	1 36.9 dBm			
	Transmit Freq Er x dB Bandwidth		0 kHz 5 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
しって	Feb 10 10:02:4	2025 🗩 🔺 🕫							



AA Electro Magnetic Test Laboratory Private Limited



Report No.: AAEMT/RF/250311-01

ANT3 QPSK



16QAM







64QAM



256QAM

Slot 8									d 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV	v	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Ext	Range 47 dBi emal	n Trig Free Run Gate: FFT	Carrier Ref Freq: 3.600570000 (Avg)Hold.>9/9 CC Into: DL, 1 CC	3H2		Gate On Off	Triggør Gate
1 Graph	100							Gate View On	Source
Scale/Div 10.0 dB				Ref Value 40.00 dBm		_		i oπ	Gate Settings
30.0								Gate Delay 1.854 ms	Periodic Sync Src
10.0								Gate Length 3.4338 ms	Auto/ Holdoff
-10.0 -20.0 -30.0								Gate View Sweep Time 10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.6006 GHz #Res BW 1.0000 Mi				#Video BW 3.0000 MHz	: :	Sweep (FFT	Span 200 MHz)~222 ms (1001 pts)		
2 Metrics									
					Measure Trace	Trace 1			
	Occupied Bandy	vidth 97.309 MHz			Active Carrier(s) Total Power	1 36.6 dBm			
	Transmit Freq E x dB Bandwidth	rror	8.354 kHz 100.6 MHz		% of OBW Power × dB	99.00 % -26 00 dB			
5 3	? Feb 10 9:59:3	, 2025 30 PM	Align current frequ						





ANT4 QPSK



16 QAM

G NR 1 Iodulation Analysis	5G NR 2 Channel Powe		9 NR 3 coupled BW	5G NR 4 Power Stat CCDI			R 6	+ SCPI	Trigger	
Cot	pling AC C	Corr CCorr Gate: FFT Avg				anier Ref Freg. 3.600570000 GH2 rgHold: 999 C Infs: DL, 1 CC				
ale/Div 10.0 dB										Gate Source Gate
99 1.0									Gate Delay 1.808 ms	Setting Periodi Sync S
		-							Gate Length 3.7000 ms	Auto/ Holdofi
									Gate View Sweep Time 10.000 ms	
									Gate View Start Time 0.000 s	1
enter 3.6006 GHz Res BW 1.0000 MHz				#Video BW 3.0000 MH	z		Sweep (FFT) ~	Span 200 MHz 222 ms (1001 pts)		
Metrics •					Measure Tr	race Trace 1				
	Occupied Bandwid 97	th 346 MHz			Active Carr Total Powe		1 37.5 dBm			
	Transmit Freq Erro x dB Bandwidth		160 kHz 5 MHz		% of OBW × dB	Power	99.00 % -26.00 dB			





Control Preser Control Prese Control Preser Contro

64QAM

256QAM

5G NR 2 Channel Power	5G NR 3 Occupied BV		5G NR 4 Power Stat CCDF	Roto State	Spectrum	5G NR 6 ACP		5G NR 9 Modulation Analysis	+ SCPI	Amplitud	6 Y 🗧
	out:RF oupling:AC tGain:-42.50 dB	Input Z 50 Q Corr CCorr Freq Ref: Ext	Range 47 d emal	Bm Trig Free Gate: FF1	Run	Carrier Ref Freq. 3.6005700 Avg Hold.>9/9 CC Inte: DL, 1 CC					Y Scale
l Graph Scale/Div 10.0 dB				Ref Value 40	.00 dBm					Adjust Range for Min Clipping	Range Signal P
30.0										Min Acq Time for Adjust Range 0.00000 s	Signal P
										Restart Meas on Adjust Range On Off	
20.0 30.0 40.0										Pre-Adjust for Min Clipping On 1	
Center 3.6006 GHz Res BW 1.0000 MHz	#Video BW 3.0000 MHz* Span 200 MHz Sweep (FFT) -222 ms (1001 pts)								Peak-to-Average Ratio 11.8 dB		
2 Metrics	2					Measure Trace	, Т	race 1		Mixer Lvl Offset 0 dB	
	Occupied Bandy	vidth 97 258 MHz				Active Carrier(Total Power	s)	1 37.7 dBm			
	Transmit Freq E x dB Bandwidth	nor	45.011 kHz 100.6 MHz			% of OBW Pov x dB	ver	99.00 % -26 00 dB			
50	7 Feb 10	, 2025	Align current free	gency range require	ŭ.						





100MHz @3625.005MHz

ANT1

QPSK



16 QAM







I.I.I. Slot 8 Ð 5G NR 2 Channe d 5G NR 1 G NR 3 ccupied BW SCPI 5G NR 4 Power Stat CCDF + Trigger KEYSIGHT Carrier Ref Freq: 3.625005000 GHz Avg|Hold:>10/10 CC Info: DL, 1 CC ut Z: 50 Ω rig: Free F ate: FFT Corr CCorr Freq Ref: Externa Trigger On Off Gate Source Gate Vi On Off Gate Settings /Div 10.0 dB Ref Value 40.00 dBm Gate Delay 1.808 ms Periodic Sync Src Gate Length Auto/ Holdoff Gate View Sv Time Gate View Start Time 0.000 s Span 200 MHz Sweep (FFT) ~222 ms (1001 pts) #Video BW 3.0000 MHz* Center 3.6250 GHz #Res BW 1.0000 MHz 2 Metrics Measure Trace Occupied Bandwidth 97.161 MHz Active Carrier(s) Total Power 1 36.6 dBm Transmit Freq Error 99.00 % -26.00 dB 456 Hz 100.5 MHz % of OBW Power x dB Feb 10, 2025 P P P

64QAM

IIIII Slot 8											
5G NR 1 Modulation Analysis	5G NR 2 Channel Pow	er	5G NR 3 Occupied BW	5G NR 4 Power Sta		+			SCPI	Amplitude	• 崇
	ling: AC	Input Z: 50 Ω Corr CCorr Freq Ref: Extern:	Range: 46 dBm	Trig: Free F Gate: FFT	A	Carrier Ref Freq: 3.625005 Avg Hold:>10/10 CC Info: DL, 1 CC	000 GHz			Range 46 dBm	Y Scale
1 Graph V Scale/Div 10.0 dB				Ref Value 40.0	00 dBm					Adjust Range for Min Clipping	Range
Log 30.0										Min Acq Time for Adjust Range 0.00000 s	Signal Path
20.0 10.0 0.00										Restart Meas on Adjust Range	
-10.0										On Off	
-30.0										Pre-Adjust for Min Clipping On v	
-50.0										Peak-to-Average Ratio	
Center 3.6250 GHz #Res BW 1.0000 MHz				#Video BW 3.00	JOU MHZ^			Sweep (FFT) ~	Span 200 MHz 222 ms (1001 pts)	11.8 dB	
2 Metrics 🔻						Measure Trac	e Trace	1		Mixer LvI Offset 0 dB	
	Occupied Bandw	idth 97.177 MHz				Active Carrier Total Power	(s)	1 36.7 dBm			
	Transmit Freq Er x dB Bandwidth		1.368 kHz 00.5 MHz			% of OBW Po x dB	wer	99.00 % -26.00 dB			
100	Feb 10, 12:48:1	2025 💬 💧									





ANT2 OPSK



16QAM







64QAM



256QAM

II.I.I. Slot 8												
5G NR 1 Modulation Analysis	5G NR 2 Channel Power	Od	NR 3 cupied BW		er Stat CCDF		+			SCPI	Amplitude	- ※
KEYSIGHT Input: F Couplin Ext Gai	ig: AC Cor	ut Ζ: 50 Ω r CCorr q Ref: External	Range: 46 dBm	Trig: I Gate:	Free Run FFT	Avg Ho	r Ref Freq: 3.625005000 Gł old:≻10/10 o: DL, 1 CC				Range 46 dBm	Y Scale
1 Graph ▼ Scale/Div 10.0 dB				Ref Valu	e 40.00 dBm						Adjust Range for Min Clipping	Signal Path
Log 30.0											Min Acq Time for Adjust Range 0.00000 s	Signarrau
20.0								_			Restart Meas	
0.00											on Adjust Range On Off	
-20.0											Pre-Adjust for Min Clipping	
-40.0											On v	
Center 3.6250 GHz #Res BW 1.0000 MHz				#Video BV	V 3.0000 MHz*				Sweep (FFT) -	Span 200 MHz -222 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics V											Mixer Lvl Offset 0 dB	
							Measure Trace	Trace 1				
		22 MHz					Active Carrier(s) Total Power		1 36.7 dBm			
	ransmit Freq Error dB Bandwidth		805 kHz 1.6 MHz				% of OBW Power x dB		99.00 % -26.00 dB			
5	Feb 10, 202 12:44:55 P	25 M 💬 🚹 /										





ANT3 QPSK



16QAM



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.I.I.I. Slot 8														
5G NR 1 Modulation Analysis	5G NR 2 Channel Po	wer	5G NR 3 Occupied BW	5G NR 4 Power St	at CCDF	ŀ	+				SCPI	\$	Trigger	▼ 柴
	ut: RF upling: AC	Input Z: 50 C Corr CCorr				Avg Hold:	of Freq: 3.6250050 ≻10/10	000 GHz				Gate		Trigger
	t Gain: -42.50 dB	Freq Ref: Ex	ternal			CC Info: E	DL, 1 CC					On Off		Gate
1 Graph Scale/Div 10.0 dB				Ref Value 40.	00 dBm							Gate View On Off		Source Gate
Log 30.0												Gate Delay		Settings Periodic
20.0												1.808 ms		Sync Src
0.00												Gate Length 3.7000 ms		Auto/ Holdoff
-10.0		+ -							ł			Gate View S	Sweep	
-20.0										<u></u>		Time 10.000 ms		
-40.0												Gate View S	Start Time	
-50.0 Center 3.6250 GHz				#Video BW 3.0	000 MH 7 *						Span 200 MHz	0.000 s		
#Res BW 1.0000 MHz				#11460 811 5.0	000 10112					Sweep (FFT)	~222 ms (1001 pts)			
2 Metrics														
							Measure Trac	e	Trace 1					
	Occupied Band	width 97.326 MHz					Active Carrier(Total Power	(s)		1 36.6 dBm				
	Transmit Freq E x dB Bandwidth	Error	-25.887 kHz 100.6 MHz				% of OBW Por x dB	wer		99.00 % -26.00 dB				
	X GD Dallowidth	·	100.0 1112				× 00			-20.00 00				
		0.0005												
۲ ۲	Feb 1 12:18	0, 2025 6:46 PM	Align current freque											
			1		25	6QA	М							
II.I.I. Slot 8				_										
5G NR 1	5G NR 2		5G NR 3	5G NR 4			+				SCPI	¢	Amplitude	
Modulation Analysis	Channel Po ut: RF	Input Z: 50 C	Occupied BW Range: 46 dBn	Power St 1 Trig: Free		Carrier Re	of Freq: 3.625005	000 GHz				Range		
Ext	upling: AC t Gain: -42.50 dB	Corr CCorr Freq Ref: Ex	ternal	Gate: FFT		Avg Hold:: CC Info: D	≻10/10 DL, 1 CC					46 dBm		Y Scale
1 Graph												Adjust	Range	Range
Scale/Div 10.0 dB				Ref Value 40.	00 dBm							for Min C Min Acq Tin	e for	Signal Path
30.0												Adjust Rang 0.00000 s	le	
20.0				~~~~								Restart Mea	IS	
-10.0												on Adjust R On Off	ange	
-20.0												Pre-Adjust f	or Min	
-30.0												Clipping On		
-50.0												Peak-to-Ave	rage	
Center 3.6250 GHz #Res BW 1.0000 MHz				#Video BW 3.0	000 MHz*					Sween (EET)	Span 200 MHz ~222 ms (1001 pts)	Ratio 11.8 dB		
												Mixer LvI Ot	fset	
							Measure Trac	e	Trace 1			0 dB		
	Occupied Band	width					Active Carrier((s)		1				
	Transmit Freq E	97.327 MHz Frror	-26.981 kHz				Total Power % of OBW Po	wer		36.8 dBm 99.00 %				
	x dB Bandwidth		100.6 MHz				x dB			-26.00 dB				
	Feb 1 12:41	0, 2025 :50 PM 💬	Align current freque	ency range require	d									



AA Electro Magnetic Test Laboratory Private Limited



Report No.: AAEMT/RF/250311-01

ANT4 OPSK









64 QAM



Slot 8													
5G NR 1 Modulation Analysis	5G NR 2 Channel Pov	ver 🖸	G NR 3 Occupied BW	5G NR 4 Power S	at CCDF		+				SCPI	Amplitude	▼ ╬
	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 47 dBm	Trig: Free Gate: FF1		Avg Hold	Ref Freq: 3.6250050 d:>10/10 · DL, 1 CC	00 GHz				Range 47 dBm	Y Scale
1 Graph Scale/Div 10.0 dB	•			Ref Value 40	.00 dBm							Adjust Range for Min Clipping	
Log												Min Acq Time for Adjust Range	Signal Path
30.0												0.00000 s	
10.0												Restart Meas	
0.00												on Adjust Range — On	
-10.0									ł – –			Off Off	
-20.0												Pre-Adjust for Min Clipping	
-40.0												On v	
-50.0												Peak-to-Average	
Center 3.6250 GHz #Res BW 1.0000 MH	lz			#Video BW 3.	0000 MHz*					Sweep (FFT) ~	Span 200 MHz 222 ms (1001 pts)	Ratio 11.8 dB	
2 Metrics	•											Mixer LvI Offset	
							Measure Trace		Trace 1			_0 dB	
	Occupied Bandy	vidth 97.313 MHz					Active Carrier(s Total Power	5)		1 37.8 dBm			
	Transmit Freq E x dB Bandwidth		.582 kHz 00.6 MHz				% of OBW Pow x dB	ver		99.00 % -26.00 dB			
10	Feb 10 12:39:), 2025 13 PM 💬 🛕	Align current frequer	ncy range require	d								





100MHz @3649.485MHz

ANT1 QPSK

G NR 2 hannel Power	5G NR 3 Occupied B	W TG	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	• •
	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 46 dBm	Trig: Free Run Gate: FFT	Carrier Ref Freq. 3.649485000 G Avg Held.>9/9 CC Into: DL, 1 CC	H2		Range 46 dBm	Y Scale
Graph cale/Div 10.0 dB	•			Ref Value 40.00 dBm				Adjust Range for Min Clipping	Range
				Ref Value 40.00 dbm				Min Acq Time for Adjust Range 0.00000 s	Signal Pa
								Restart Meas on Adjust Range On Off	
0.0								Pre-Adjust for Min Clipping On ¥	
enter 3.6495 GHz Res BW 1.0000 MH	z			#Video BW 3.0000 MHz*		Sweep (FF	Span 200 MHz T) ~222 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
Metrics	N.Y							Mixer Lvl Offset	1
					Measure Trace	Trace 1		0 dB	
	Occupied Band	width 97.330 MHz			Active Carrier(s) Total Power	1 36.2 dBm			
	Transmit Freq E x dB Bandwidth		48 kHz 5 MHz		% of OBW Power x dB	99.00 % -26.00 dB			

16 QAM

KEYSIGHT Input 75 Couping AC Corr Cf Ext Cain: 42.50 dB Fire R I Graph		Trig Free Run Gate: FFT	Carrier Ref Freq. 3 649485000 GHz Avg(Hold.>9/9 CC Inte: DL, 1 CC			Gate On	Trigger
scale/Div 10.0 dB						Off	Gate
og		Ref Value 40.00 dBm				Gate View On Off	Source Gate Setting
30.0						Gate Delay 5.288 ms	Periodi Sync S
10.0						Gate Length 3.7000 ms	Auto/ Holdof
10.0	1					Gate View Sweep Time 10.000 ms	
						Gate View Start Time 0.000 s	
Center 3.6495 GHz #Res BW 1.0000 MHz	•	#Video BW 3.0000 MHz*		Sweep (FFT) ~222 m	pan 200 MHz ns (1001 pts)		
2 Metrics 🔹 🔻			Measure Trace	Trace 1			
Occupied Bandwidth 97.378	MHz		Active Carrier(s) Total Power	1 36.6 dBm			
Transmit Freq Error x dB Bandwidth	-41.801 kHz 100.5 MHz		% of OBW Power × dB	99.00 % -26.00 dB			





64 QAM

5G NR 2 Channel Power	5G NR 3 Occupied Bi	V 50	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Trigger	• 🔀
KETOIGIT	Input: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 46 dBm	Tilg Free Run Gate: FFT	Carrier Ref Freq. 3.649485000 GHz AvgHold >9/9 CC Inte: DL, 1 CC			Gate On Off	Trigger Gate
1 Graph Scale/Div 10.0 dB				Ref Value 40.00 dBm				Gate View On Off	Source Gate
Log 30.0 20.0								Gate Delay 4.438 ms	Settings Periodic Sync Src
								Gate Length 3.7000 ms	Auto/ Holdoff
-10.0 -20.0 -30.0								Gate View Sweep Time 10.000 ms	
-40.0								Gate View Start Time 0.000 s	
Center 3.6495 GHz #Res BW 1.0000 MH	1000		£)	Video BW 3.0000 MHz*		Sweep (FFT) ~2	Span 200 MHz 22 ms (1001 pts)		
2 Metrics					Measure Trace	Trace 1			
	Occupied Bandy	vidth 97.316 MHz			Active Carrier(s) Total Power	1 36.5 dBm			
	Transmit Freq E x dB Bandwidth		069 kHz 0.5 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
5	Feb 11 6:34:	, 2025 31 AM		mingerequired					

256 QAM

Slot 8									. 8 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	V FG	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	
	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 46 dBm	Trig: Free Run Gate: FFT	Carrier Ref Freq. 3 649485000 GHz Avg Hold.>9/9 CC Inte: DL, 1 CC			Range 46 dBm	Y Scale
1 Graph	100							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 20 0 20 0 20 0 20 0 20 0 20 0 20 0 20				Ref Value 40.00 dBm		Sweep (FFT) -2	Span 200 MHz 22 ms (1001 pts)	Min Acq Time for Adjust Range 0 00000 s Restart Meas on Adjust Range Off Pre Adjust for Min Clipping Off V Peak to Average	Signal Path
2 Hetrics	Transmit Freq E x dB Bandwidth	97.323 MHz nor -71.55	91 kHz 5 MHz Ign current Trequency	rjunge required	Measure Trace Active Carrier(s) Total Power % of OBW Power x dB	Trace 1 36 6 dBm 99.00 % -26 00 dB		Mixer Lvi Offset 0 dB	





ANT2 QPSK

Int. Slot 8									. 🗗 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	N 50	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	C Amplitud	• • *
KE TOIGHT	input RF Coupling: AC Ext Gain: -42.50 dB	Input Z 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig: Free Run Gate: FFT	Carrier Ref Freq. 3.649485000 GH Avg Hold.>9/9 CC Inte: DL, 1 CC	2		Range 47 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB Log 30.0 20 0				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s	Signal Path
10.0								Restart Meas on Adjust Range On Off	
-20.0								Pre-Adjust for Min Clipping On T	
Center 3.6495 GHz #Res BW 1.0000 MH	1	4	#\	/ideo BW 3.0000 MHz*		Sweep (FFT) ~2	Span 200 MHz 222 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	*				Measure Trace	Trace 1		Mixer Lvl Offset 0 dB	
		97.316 MHz			Active Carrier(s) Total Power	1 37.1 dBm			
	Transmit Freq E x dB Bandwidth		12 kHz 6 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
ی د	Feb 10 11:26), 2025 25 PM	lign current frequency.	range mouled					

16 QAM







64 QAM

Slot 8									. 🗗 🔀
5G NR 2 Channel Power	5G NR 3 Occupied Bi	N	G NR 4 ower Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitud	∎ ▼ 😤
KEIOIGIII	input: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range: 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq: 3.649485000 GH Avg(Hold.>9/9 CC Inte: DL, 1 CC	2		Range 47 dBm	Y Scale
1 Graph								Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s Restart Meas on Adjust Range	Signal Path
-10.0								On Off	
-20.0								Pre-Adjust for Min Clipping On 1	
50.0 Center 3.6495 GHz #Res BW 1.0000 MH	z		#	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 200 MHz 222 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	29							Mixer LvI Offset	1
					Measure Trace	Trace 1		0 dB	
	Occupied Bandy	width 97 292 MHz			Active Carrier(s) Total Power	1 36.7 dBm			
	Transmit Freq E x dB Bandwidth		041 kHz 0.6 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
	Feb 11	I, 2025 🗩 🔺							
<u>م</u>	6 57:	28 AM (SZA)	Allon current frequency	Toronge (Colombe)					

256QAM

Slot 8		-							d 🔀
5G NR 2 Channel Power	5G NR 3 Occupied BV	V Pow	NR 4 ver Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	· · · 😤
KETOIGITT	input: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 0 Corr CCorr Freq Ref: External	Range: 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3.649485000 GHa Avg/Hold >9/9 CC Inte: DL, 1 CC			Range 46 dBm	Y Scale
1 Graph Scale/Div 10.0 dB				Ref Value 40.00 dBm				Adjust Range for Min Clipping	Range
Log 30.0 20.0 10.0 0.00 -10.0 -20.0 -20.0 -40.0 -50.0 				Ret Value 40.00 dlm			Span 200 MHz		Signal Path
#Res BW 1.0000 MH	Occupied Bandw	97.287 MHz nror -48.29	11 kHz 5 MHz		Measure Trace Active Carrier(s) Total Power % of OBW Power x dB	Sweep (FFT) -2 Trace 1 36.7 dBm 99.00 % -26.00 dB	22 ms (1001 pts)	11.8 dB Mixer Lvi Offset 0 dB	
ک	Feb 11 7:38:1	.2025 🗩 🗚 🕬		range required					



AA Electro Magnetic Test Laboratory Private Limited



Report No.: AAEMT/RF/250311-01

ANT3 QPSK

Int. Slot 8	_								. 🗗 🔀
5G NR 2 Channel Power	5G NR 3 Occupied Bi	N 50	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPF	Amplitud	8 T 😤
KEIOIGIII	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range: 46 dBm	Tilg Free Run Gate. FFT	Carrier Ref Freq: 3.649485000 GHz Avg(Hold.>9/9 CC Info: DL, 1 CC			Range 46 dBm	Y Scale
1 Graph	•							Adjust Range for Min Clipping	Range
Scale/Div 10.0 dB				Ref Value 40.00 dBm				Min Acg Time for	Signal Path
30.0								Adjust Range	
20.0		, <u> </u>						0.00000 s	
10.0								Restart Meas on Adjust Range	
0.00								On	
-10.0						1		Off	
-20.0								Pre-Adjust for Min	1
-40.0								Clipping On 1	
-50.0									
Center 3.6495 GHz #Res BW 1.0000 MI	1-		#1	Video BW 3.0000 MHz*		Swoon (EET)	Span 200 MHz 222 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	*					Sweep (FFT) -4	azz ms (tour pis)	Mixer LvI Offset	
					Measure Trace	Trace 1		0 dB	
	Occupied Bandy	width 97 326 MHz			Active Carrier(s) Total Power	1 36.6 dBm			
	Transmit Freq E		905 kHz		% of OBW Power	99.00 %			
	x dB Bandwidth		6 MHz		x dB	-26.00 dB			
1 5 6	Feb 10	0, 2025	Align current trequency	ninge required					
	Contrast of Contrast District State								

16 QAM

G NR 2 Channel Power	5G NR 3 Occupied BV	N Po	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Trigger	. · · E
	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Ω Corr CCorr Freq Ref: External	Range 47 dBm	Trig. Free Run Gate: FFT	Carrier Ref Freg. 3.649485000 Gi Avg Held.>9/9 CC Into: DL, 1 CC	H2		Gate On Off	Trigger Gate
Graph cale/Div 10.0 dB				Ref Value 40.00 dBm				Gate View On Off	Source Gate
.0g 30.0 20 0								Gate Delay 5.297 ms	Settings Periodic Sync Sr
						1		Gate Length 3.7000 ms	Auto/ Holdoff
10.0								Gate View Sweep Time 10.000 ms	
								Gate View Start Time 0.000 s	
Center 3.6495 GHz Res BW 1.0000 MH	2		ŧ	Video BW 3.0000 MHz*		Sweep (FFT) ~	Span 200 MHz -222 ms (1001 pts)		
2 Metrics	24				Measure Trace	Trace 1			
	Occupied Bandy	vidth 97.353 MHz			Active Carrier(s) Total Power	1 36.3 dBm			
	Transmit Freq E × dB Bandwidth		89 kHz 5 MHz		% of OBW Power x dB	99.00 % -26.00 dB			





64 QAM

Slot 8						1.71			a X
5G NR 2 Channel Power	5G NR 3 Occupied BW	e e	5G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Meas Setu	P 1
KE TOIGHT	Input: RF Coupling: AC Ext Gain: -42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Externa	Range 47 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3.649485000 (Avg Hold.>9/9 CC Into: DL, 1 CC	GH2 '		Configure Preset Bandwidth 100 MHz •	Settings
1 Graph	v							Frequency Range	Radio
Scale/Div 10.0 dB				Ref Value 40.00 dBm				FR1 v	Meas Standard
20 0								Duplex Mode TDD V	Component Carriers
10.0 0.00								Configuration	Limits
-10.0								SCS µ=1:30 kHz ▼	Advanced
-30.0								Auto Man	Global
-40.0								RB Alloc Preset DL NR-TM3 1 (64) ¥	
Center 3.6495 GHz #Res BW 1.0000 MH	z			#Video BW 3.0000 MHz	1	Sweep (FFT)	Span 200 MHz ~222 ms (1001 pts)	Advanced Preset	
2 Metrics	24					Ada Mi		CP-OFDM	
					Measure Trace	Trace 1		Apply Preset (to All CCs)	
	Occupied Bandw				Active Carrier(s)	1			
		97.311 MHz			Total Power	36.4 dBm			
	Transmit Freq Er x dB Bandwidth		4.344 kHz 00.6 MHz		% of OBW Power x dB	99.00 % -26.00 dB			
		2025							
5	Feb 11 8 36 2	4 AM ()	Align current freque	ncy range required					

Int. Slot 8									8 🗙
5G NR 2 Channel Power	5G NR 3 Occupied Bi	N	G NR 4 Power Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	
KEYSIGHT	Input: RF Coupling: AC Ext Gain: -42.50 dB	Input Z: 50 Q Corr CCorr Freq Ref: Externa	Range 46 dBm	Trig Free Run Gate: FFT	Carrier Ref Freq. 3.649485000 Gi Avg Held.>9/9 CC Info: DL, 1 CC	łe '		Range 46 dBm	Y Scale
1 Graph				Adjust Range for Min Clipping	Range				
Scale/Div 10.0 dB Log 30.0				Ref Value 40.00 dBm				Min Acq Time for Adjust Range 0.00000 s	Signal Path
10.0 0.00 -10.0								Restart Meas on Adjust Range On Off	
-20.0 -30.0 -40.0 -50.0	_							Pre-Adjust for Min Clipping Off v	
Center 3.6495 GHz #Res BW 1.0000 M	Hz		· · · ·	Video BW 3.0000 MHz*		Sweep (FFT)	Span 200 MHz ~222 ms (1001 pts)	Peak-to-Average Ratio 11.8 dB	
2 Metrics	Y				Measure Trace	Trace 1		Mixer Lvl Offset 0 dB	
	Occupied Bandy	vidth 97.304 MHz			Active Carrier(s) Total Power	1 36.4 dBm			
	Transmit Freq E × dB Bandwidth		.130 kHz 00.6 MHz		% of OBW Power × dB	99.00 % -26.00 dB			
ی ر ا	? Feb 11 7:42	. 2025 59 AM 🗩	Allon current frequency	ninge regulined					





ANT4 QPSK



16 QAM

Slot 8												a 🗙
5G NR 2 Channel Power	5G NR 3 Occupied BV			pectrum	50 AC	NR 6 P	5G N Modu	R 9 Ilation Analysis	+ SCPI	C Trigger		
KETOIGITT	Input:RF Coupling:AC Ext Gain: 42 50 dB	Input Z: 50 Q Corr CCorr Freq Ref: External	Range 47 dBm	Trig Free F Gate: FFT	tun	Carrier Re Avg/Hold.= CC Info: D		942			Gate On Off	Trigger Gate
1 Graph	182										Gate View On	Source
Scale/Div 10.0 dB				Ref Value 40.	00 dBm						- Off	Gate Settings
30.0			\sim								Gate Delay 3.900 ms	Periodic Syne Sre
10.0								-1			Gate Length 3.7000 ms	Auto/ Holdoff
-10.0											Gate View Sweep Time	
-30.0		المت أنتصر									10.000 ms	
-50.0											Gate View Start Time 0.000 s	
Center 3.6495 GHz #Res BW 1.0000 MH	z		ie di	#Video BW 3.00	000 MHz*				Sweep (FFT) ~2	Span 200 MHz 22 ms (1001 pts)		
2 Metrics	- -											
							Measure Trace	Trace 1				
	Occupied Bandw	vidth 97.370 MHz					Active Carrier(s) Total Power	8	1 37.5 dBm			
	Transmit Freq E × dB Bandwidth		48 kHz 5 MHz				% of OBW Power x dB		99.00 % -26.00 dB			
いい	Peb 11 9 35:0	. 2025 07 AM	lign current frequen	cy range required								

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