**TEST REPORT** 

### 6 Conducted Unwanted Emission

Test result: Pass

### 6.1 Limit

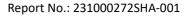
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

### 6.2 Measurement Procedure

In accordance with FCC rules, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P) dB$ .

The spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using an attenuator and the frequency spectrum investigated from 9kHz to 23GHz. The resolution bandwidth of 1MHz was employed for frequency band 9kHz to 23GHz. The spectrum analyzer detector was set to RMS.

For MIMO mode configurations, the limit was adjusted with a correction of -3.01dB [10Log(1/2)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports. Then the limit was adjusted to - 16.01dBm.



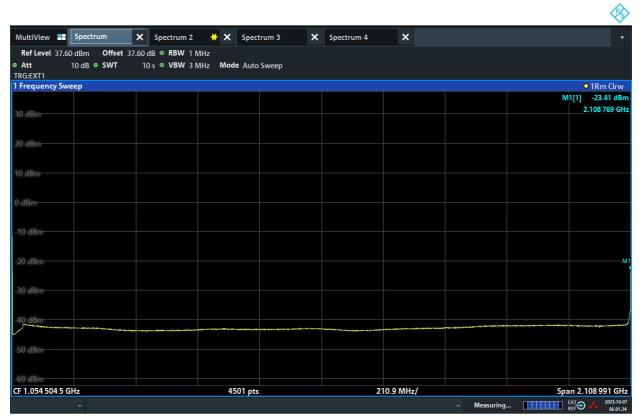


### 6.3 Measurement result

Ν	R-	1	С
	••	-	-

1111 10					
Antenna Port	Channel	NR	NR Channel	RBW	Limit
	Position	Modulation	BW (MHz)	(kHz)	(dBm)
В	В	256QAM	25	1000	-16.01
В	М	256QAM	25	1000	-16.01
В	Т	256QAM	25	1000	-16.01

**Channel Position B** 

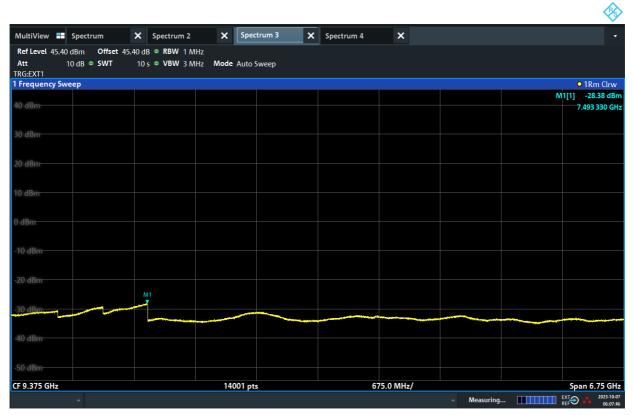


06:01:35 AM 10/07/2023

#### **TEST REPORT**

											<b></b>
MultiView 🖶	Spectrum	×	Spectrum 2	×	Spectrum 3	×	Spectrum 4	×			•
Ref Level 42.2 Att TRG:EXT1	20 dBm Offset 10 dB • SWT		IB ● RBW 1 M s ● VBW 3 M		e Auto Sweep						
1 Frequency Sw	/eep										1Rm Clrw
40 dBm										<b>M</b> 1	[1] -32.83 dBm 3.209 850 GHz
30 dBm											
20 dBm											
10 dBm											
0 dBm											
-10 dBm											
-20 dBm											
-30 dBm			M1								
-40 dBm	ander alle af a de la		مىلىنىلى <u>مە</u>	du-aghangetana						and a second	996-11-0-2011 - 2014 - 1-2014 - 1-2014 - 1-2014 - 1-2014
-50 dBm											
CF 4.090 5 GHz				80	01 pts		3	81.9 MHz/			Span 3.819 GHz
									✓ Measuring		

06:02:36 AM 10/07/2023



06:07:47 AM 10/07/2023

 $\Diamond$ 

# intertek Total Quality. Assured.

### **TEST REPORT**

									<b></b>
MultiView 〓	Spectrum	× Spectrum 2	× Spee	ctrum 3 🛛 💥 🗙	Spectrum 4	×			
Ref Level 49.50 Att 1 TRG:EXT1	dBm Offset 49.1 10 dB • SWT	50 dB ● <b>RBW</b> 1 M 10 s ● <b>VBW</b> 3 M		Sweep					
1 Frequency Sw	eep								• 1Rm Clrw
								M1[1	] -21.66 dBm 21.639 040 GHz
40 dBm									
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									M1
-30 dbm									
-40 dBm									
CF 17.375 GHz			20001 p		07	25.0 MHz/			Span 9.25 GHz
G 77.575 GHZ	~		20001 p			23.0 (1112)	✓ Measuring.	EX	

06:05:52 AM 10/07/2023

### **Channel Position M**

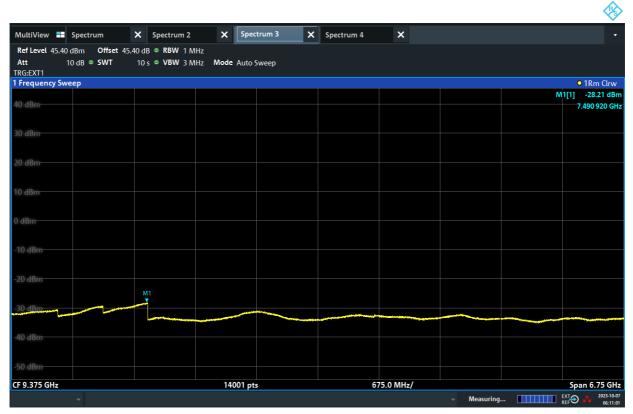
MultiView 📰 Sr	pectrum X	Spectrum 2	× Spec	trum 3 🗙	Spectrum 4	×			•
Ref Level 37.60 dB Att 10 TRG:EXT1		dB • RBW 1 M 0 s • VBW 3 M		o Sweep					
1 Frequency Sweep	)								O 1Rm Clrw
30 dBm								M	1[1] -40.54 dBm 2.108 769 GHz
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									M1
-50 dBm		y Jerrena (produkte) jerrena produkte i p	2 yr 19 yr 19 yn 19 yn 19 yr 19 yr 19 yr 19 yn 19 y		i fan de fanan en gemeen de oorten gemeen de gemeen de gemeen de gemeen de gemeen de gemeen de gemeente de geme	ann y gran ta Robert Star Allen an Robert Star Star Star Star Star Star Star St			
-60 dBm									
CF 1.054 504 5 GHz			4501 pt:	5	21	0.9 MHz/		Spa	n 2.108 991 GHz
~							✓ Measuring.		

06:10:08 AM 10/07/2023

### **TEST REPORT**

										<b>R</b>
MultiView 🖶	Spectrum	×	Spectrum 2	×	Spectrum 3	×	Spectrum 4	×		•
Ref Level 42.2 Att TRG:EXT1	0 dBm 0 10 dB • 5		dB • RBW 11 )s • VBW 31		e Auto Sweep					
1 Frequency Sw	/eep									• 1Rm Clrw
40 dBm										M1[1] -32.79 dBi 3.209 850 GH
30 dBm										
20 dBm										
10 dBm										
0 dBm										
-10 dBm										
-20 dBm			M1							
-40 dBm				hand and some starting of			<del>ب مربس مربس مربس مربس مربس مربس م</del>			nya mangkangkan kana aka di kanya kang mangkangkangkangkangkangkangkangkangkangk
-50 dBm										
CF 4.090 5 GHz				80	01 pts		3	81.9 MHz/		Span 3.819 GH
	~								✓ Measuring	

06:10:36 AM 10/07/2023



06:11:01 AM 10/07/2023

# intertek Total Quality. Assured.

### **TEST REPORT**

									<b>I</b>
MultiView	Spectrum	X Spectrum 2	× Spe	ctrum 3 🗙	Spectrum 4	×			
Ref Level 49.50 Att TRG:EXT1	0 dBm Offset 49 10 dB • SWT	9.50 dB • RBW 1 M 10 s • VBW 3 M		Sweep					
1 Frequency Sv	veep								• 1Rm Clrw
								M1[	1] -21.75 dBm 21.635 340 GHz
40 dBm									
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									M1
-20 dBm									
-40 dBm									
CF 17.375 GHz	~		20001 p	ts	92	25.0 MHz/	✓ Measuring.	E	Span 9.25 GHz
	V.						<ul> <li>wieasuring.</li> </ul>	R	EF 06:11:29

06:11:29 AM 10/07/2023

#### **Channel Position T**

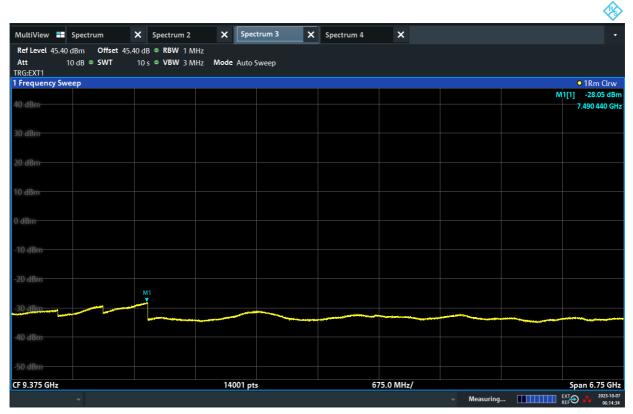
MultiView 〓	Spectrum	X Spectrum 2	× Spectr	rum 3 🗙 🗙	Spectrum 4	×			
Ref Level 37.60		7.60 dB 🗢 RBW 1 N							
<ul> <li>Att TRG:EXT1</li> </ul>	10 dB 🗢 SWT	10 s 🗢 VBW 3 N	1Hz Mode Auto S	Sweep					
1 Frequency Swe	ep								• 1Rm Clrw
								M	1[1] -40.74 dBm
30 dBm									2.108 769 GHz
20 dBm									
20 ubiii									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									M1
/					فالمرفقة وأوراق والمراجع والمراجع والمراجع والمراجع والمراجع		······································		·····
50.10									
-50 dBm									
-60 dBm									
CF 1.054 504 5 G	Hz		4501 pts		21	10.9 MHz/			n 2.108 991 GHz
							✓ Measuring.		2023-10-07 REF 06:12:52

06:12:52 AM 10/07/2023

### **TEST REPORT**

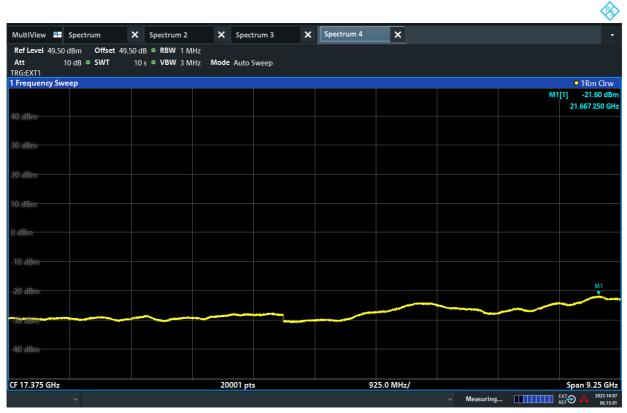
MultiView	Spectrum	X Spectrum 2	X Spe	ctrum 3 🗙	Spectrum 4	×			•
Ref Level 4; Att TRG:EXT1	2.20 dBm Offset 10 dB • SWT	42.20 dB • RBW 1 10 s • VBW 3	MHz MHz <b>Mode</b> Aut	to Sweep					
1 Frequency	Sweep								IRm Clrw
40 dBm								M	1[1] -19.34 dBm
									2.181 240 GHz
30 dBm									
20.15									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
M1									
-20 dBm									
-30 dBm									
-50 060								فالقوالة بيدية الماحة وحدا والاحتيا اليسوحة وستحتجز	
-40 dBm									
-50 dBm									
2.181 GHz			8001 p		20	31.9 MHz/			6.0 GHz
2.101 902	~		8001 p			51.5 Wi12/	→ Measuring	E	XT 2023-10-07
	Ť.						, measuring.	R	REF 06:14:11

06:14:12 AM 10/07/2023



06:14:35 AM 10/07/2023

#### **TEST REPORT**



06:15:02 AM 10/07/2023

Antenna Port	Channel	NR	NR Channel	RBW	Limit
	Position	Modulation	BW (MHz)	(kHz)	(dBm)
В	В	256QAM	30	1000	-16.01
В	М	256QAM	30	1000	-16.01
В	Т	256QAM	30	1000	-16.01

 $\otimes$ 



#### Channel Position B

									<b>I</b>
MultiView 📕	Spectrum	X Spectrum 2	× Spectru	im 3 🗙	Spectrum 4	×			•
Ref Level 37.6 Att TRG:EXT1	0 dBm Offset 10 dB • SWT	37.60 dB ● <b>RBW</b> 1 M 10 s ● <b>VBW</b> 3 M	Hz Hz <b>Mode</b> Auto S	weep					
1 Frequency Sw	eep								IRm Clrw
30 dBm								<b>M</b> 1	[1] -27.00 dBm 2.108 769 GHz
50 0011									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									M1
-30 dBm									
-40 dBm									
-50 dBm		nter (f. 1997) dag men mer og men kelsen en som en at Met og kannen at Met og kannen at Met og f. Met og f. Me							
-60 dBm	211		4501			0.0.001			2 100 001 64
CF 1.054 504 5 (			4501 pts		21	0.9 MHz/		and the second s	n 2.108 991 GHz
	1						<ul> <li>Measuring.</li> </ul>	<b>.</b>	EF 06:17:39

06:17:39 AM 10/07/2023

MultiView 📰 Spe	ectrum X	Spectrum 2	× Spect	trum 3 🗙	Spectrum 4	×			•
Ref Level 42.20 dB Att 10 c TRG:EXT1			1Hz 1Hz <b>Mode</b> Auto	Sweep					
1 Frequency Sweep									• 1Rm Clrw
40 dBm								M	1[1] -32.77 dBm 3.209 850 GHz
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
20 dBm 30 dBm		M1							
-30 dBm -40 dBm	a galden an ang a sa an	<u> </u>		a contractor de la contractor de la contractor					
40 dBm									
-50 dBm CF 4.090 5 GHz			8001 pts		- 38	31.9 MHz/			Span 3.819 GHz
~							✓ Measuring.		EXT 2023-10-07 REF 06:18:14

06:18:15 AM 10/07/2023

#### **TEST REPORT**

MultiView 📑 Spectrum	× Spectrum 2	× 54	ectrum 3	× Spectrum 4	×			· ·
Ref Level 45.40 dBm Offset	: 45.40 dB ● <b>RBW</b> 1 MH	z			^			
Att 10 dB • SWT	10 s 🗢 VBW 3 MH	z Mode Aut	o Sweep					
Frequency Sweep								• 1Rm Clrw
40 dBm								-28.10 dB
to ubin								7.497 190 GI
30 dBm								
20 dBm								
10 dBm								
0 dBm								
10 dBm								
-20 dBm								
	M1							
30 dBm								
40 dBm								
-50 dBm								
F 9.375 GHz		14001	pts		675.0 MHz/		S	pan 6.75 GH
~						→ Measuring.	EXT	2023-10-0

MultiView 📰 Spectrum × Spectrum 2 X Spectrum 3 × Spectrum 4 × Ref Level 49.50 dBm Offset 49.50 dB • RBW 1 MHz Att 10 dB • SWT 10 s • VBW 3 MHz Mode Auto Sweep Att TRG:EXT1 1 Frequency Sweep M1[1] -21.62 dBm 21.682 970 GHz 40 dBm 30 dBn 20 dBr 10 dBm 10 dBr M1 20 dB 40 dBm CF 17.375 GHz 20001 pts 925.0 MHz/ Span 9.25 GHz Measuring... EXT 2023-10-07 06:18:56

06:18:57 AM 10/07/2023



#### **KEPURI**

#### **Channel Position M**

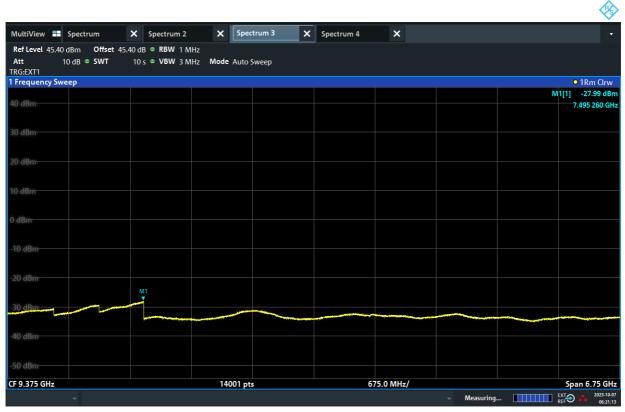
									<b>I</b>
MultiView 🗮	Spectrum	X Spectrum 2	× Spec	trum 3 🗙	Spectrum 4	×			•
TRG:EXT1	10 dB 🗢 SWT	7.60 dB ● RBW 1 M 10 s ● VBW 3 M		o Sweep					
1 Frequency Sw	eep								• 1Rm Clrw
30 dBm								M1['	1] -40.22 dBm 2.108 769 GHz
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									M1
-40 dBm			ana ina mangana ang ang ang ang ang ang ang ang a	مر المراجع الم	م معرفين المراجع الم	ى يې د وې د	د مه ایک تحدیق کرد. معین می کنون می ورد و و		
-50 dBm									
-60 dBm									
CF 1.054 504 5 G	iHz		4501 pts	5	21	10.9 MHz/			2.108 991 GHz
							✓ Measuring	EXT REF	2023-10-07 06:20:11

06:20:12 AM 10/07/2023

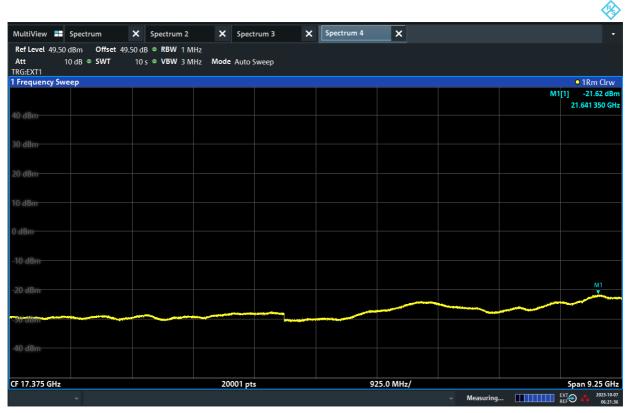
MultiView 📑 Spec	trum X Spectrum 2	× Spectrum 3	X Spectrum 4 X		•
	Offset         42.20 dB         RBW         1           3         SWT         10 s         VBW         3				
1 Frequency Sweep					1Rm Clrw
40 dBm					M1[1] -32.89 dBm 3.209 850 GHz
30 dBm 20 dBm					
10 dBm					
0 dBm					
-10 dBm					
-20 dBm					
-30 dBm	M1			and any other states of the st	
-40 dBm					
-50 dBm CF 4.090 5 GHz		8001 pts	381.9 MHz/		Span 3.819 GHz
CF 4.090 5 GHz		8001 pts	361.9 Winz/	→ Measuring	

06:20:52 AM 10/07/2023

#### **TEST REPORT**



06:21:13 AM 10/07/2023



06:21:36 AM 10/07/2023



#### Channel Position T

									<b>I</b>
MultiView 🖶	Spectrum	X Spectrum 2	× Spec	trum 3 🗙	Spectrum 4	×			
Ref Level 37.6 Att TRG:EXT1	0 dBm Offset 10 dB • SWT	37.60 dB • RBW 1 M 10 s • VBW 3 M		Sweep					
1 Frequency Sw	eep								1Rm Clrw
30 dBm								M	[1] -40.61 dBm 2.108 769 GHz
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									M1
-50 dBm	****				<b>49,439,449,449,449,449,449,449,449,449,4</b>	, yaya yang kana sa kana kana kana kana kana kana k			
-60 dBm									
CF 1.054 504 5 G	iHz		4501 pts		21	10.9 MHz/		Spa	n 2.108 991 GHz
	~						✓ Measuring.		

06:22:54 AM 10/07/2023

MultiView 📕	Spectrum	Spectrum 2	× Spect	rum 3 🗙	Spectrum 4	×			•
	dBm Offset 42.2 10 dB • SWT	20 dB ● RBW 1 M 10 s ● VBW 3 M		Sweep					
1 Frequency Swe	ер								1Rm Clrw
40 dBm								M	1[1]—-22.60 dBm 2.181 240 GHz
30 dBm									
10 dBm									
0 dBm									
-10 dBm									
M10 dBm									
-30 dBm					·····				
-40 dBm -50 dBm									
-50 dBm CF 4.090 5 GHz			8001 pts		38	31.9 MHz/			Span 3.819 GHz
	~						→ Measuring.		EXT 2023-10-07 REF 06:23:29

06:23:29 AM 10/07/2023

### **TEST REPORT**

						<b></b>
MultiView <b>E</b> Spectrum	× Spectrum 2	X Spectrum 3	× Spectrum 4	×		
Ref Level         45.40 dBm         Offse           Att         10 dB         SWT           TRG:EXT1         10         10         10	t 45.40 dB • RBW 1 MHz 10 s • VBW 3 MHz					
1 Frequency Sweep						• 1Rm Clrw
40 dBm						M1[1] -28.28 dBm
						7.499 120 GH:
30 dBm						
20 dBm						
10 dBm						
0 dBm						
-10 dBm						
-20 dBm						
	M1					
-30 dBm						
-40 dBm						
-50 dBm						
CF 9.375 GHz		14001 pts	6	575.0 MHz/		Span 6.75 GHz
					Measuring	EXT 2023-10-07 REF 06:23:58

MultiView 📑 Spectrum	× Spectrum		rum 3 🗙	Spectrum 4	×			
Ref Level 49.50 dBm Off Att 10 dB • SW RG:EXT1	iset 49.50 dB ● RBW 1 /T 10 s ● VBW 3	MHz MHz Mode Auto Si	weep					
Frequency Sweep								• 1Rm Clrv
							M1	
0 dBm								21.636 260 G
0 dBm								
0 dBm								
0 dBm								
dBm								
10 dBm								
20 dBm								M1
						and the second se		
N GBM								
l0 dBm								
17.075.011-		20004		- 00				C
17.375 GHz		20001 pts		92	5.0 MHz/	→ Measuring		Span 9.25 G

06:24:24 AM 10/07/2023

# intertek Total Quality. Assured.

### **TEST REPORT**

Antenna Port	Channel	NR	NR Channel	RBW	Limit
	Position	Modulation	BW (MHz)	(kHz)	(dBm)
В	В	256QAM	35	1000	-16.01
В	М	256QAM	35	1000	-16.01
В	Т	256QAM	35	1000	-16.01

#### **Channel Position B**

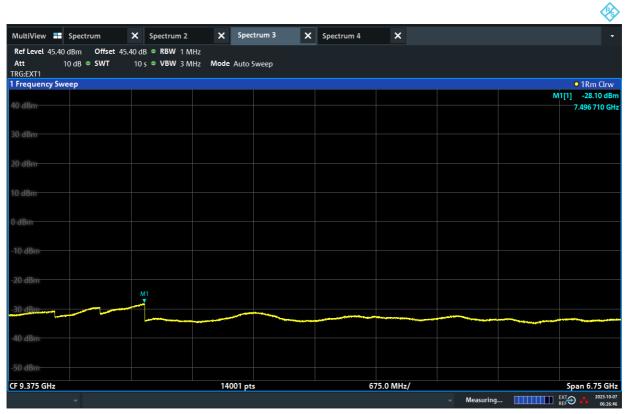
lultiView <b>E</b> Spectrum	X Spectrum 2 X	Spectrum 3 🗙 🗙	Spectrum 4 🗙	
Ref Level         37.60 dBm         Offset         37           Att         10 dB         SWT         30           RGEXT1         10 dB         SWT         30	7.60 dB • RBW 1 MHz 10 s • VBW 3 MHz Mode	Auto Sweep		
Frequency Sweep				• 1Rm (
				M1[1] -27.02
) dBm				2.108 76
) dBm				
) dBm				
0 dBm				
0 dBm				
0 dBm				
0 dBm				
1400 - 14				
) dBm				
0 dBm				
1.054 504 5 GHz	450	1 pts	210.9 MHz/	Span 2.108 991

06:25:49 AM 10/07/2023

#### **TEST REPORT**

									<b>I</b>
MultiView	Spectrum	X Spectrum 2	2 <b>X</b> 5	pectrum 3 🗙	Spectrum 4	×			•
Ref Level 42. Att TRG:EXT1	20 dBm Offset 10 dB • SWT	42.20 dB • RBW 1 10 s • VBW 3		uto Sweep					
1 Frequency Sv	veep								• 1Rm Clrw
40 dBm								M1	[1] -32.79 dBm 3.209 850 GHz
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
		M1							
-30 dBm		June of the second seco		annale and a start and a start in the start and an				an a	in the second
-40 dBm									
-50 dBm									
CF 4.090 5 GHz			8001	pts	3	81.9 MHz/			5pan 3.819 GHz
	~						✓ Measuring		Term 2023-10-07 66:26:16

06:26:16 AM 10/07/2023



06:26:46 AM 10/07/2023

# intertek Total Quality. Assured.

### **TEST REPORT**

									\$
MultiView	Spectrum	X Spectrum 2	× Spe	ctrum 3 🗙	Spectrum 4	×			
Ref Level 49.5 Att TRG:EXT1	50 dBm Offset 10 dB • SWT	49.50 dB • RBW 1 M 10 s • VBW 3 M		Sweep					
1 Frequency S	weep								IRm Clrw
								M1[1	l] -21.73 dBm 21.644 590 GHz
40 dBm									
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									M1
-50 0000									
-40 dBm									
CF 17.375 GHz			20001 p	ts	93	25.0 MHz/			Span 9.25 GHz
	~						✓ Measuring.	ED RE	2023-10-07 (F)

06:27:11 AM 10/07/2023

#### **Channel Position M**

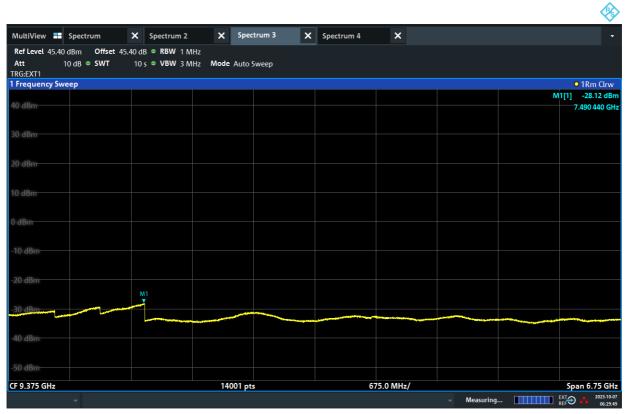
MultiView <b>=</b> Spectrum	X Spectrum 2 X	Spectrum 3 🗙	Spectrum 4 🗙	•
• Att 10 dB • SWT TRG:EXT1	37.60 dB • RBW 1 MHz 10 s • VBW 3 MHz Mode	Auto Sweep		
1 Frequency Sweep				• 1Rm Clrw
				M1[1] -39.41 dBm
30 dBm				2.108 769 GHz
20 dBm				
20 0011				
10 dBm				
0 dBm				
-10 dBm				
-20 dBm				
20.00				
-30 dBm				M
-40 dBm				
	n (han da an		n Shangan ng	
-50 dBm				
-60 dBm			210.0 Mill /	C 2100.001 CU
CF 1.054 504 5 GHz	450	)1 pts	210.9 MHz/	Span 2.108 991 GHz
				✓ Measuring EXT 2023-10-07 06-28:54

06:28:55 AM 10/07/2023

#### **TEST REPORT**

MultiView 🖶	Spectrum	× Spectrum 2	× Spec	trum 3 🗙	Spectrum 4	×			•
Ref Level 42.2 Att TRG:EXT1	0 dBm Offset	42.20 dB • RBW 1 10 s • VBW 3	MHz MHz <b>Mode</b> Auto	o Sweep					
1 Frequency Sw	/eep								IRm Clrw
40 dBm								м	1[1] -32.83 dBm 3.209 850 GHz
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
		M1							
-30 dBm		J.	Lood an and a strain for a start of						an a bhail a na tha an
-40 dBm									
-50 dBm									
CF 4.090 5 GHz			8001 pt		35	31.9 MHz/			Span 3.819 GHz
	~						✓ Measuring.		

06:29:22 AM 10/07/2023



06:29:50 AM 10/07/2023

# intertek Total Quality. Assured.

### **TEST REPORT**

													<b>I</b>
MultiView	Spec	trum:	×	Spectrur	n 2	×	Spectrum 3	×	Spectrum 4	×			
Ref Level 49 Att TRG:EXT1	10 dB	Offset 49 • SWT		3 • RBW 5 • VBW			Auto Sweep						
1 Frequency	Sweep												O 1Rm Clrw
												M1	[1] -21.65 dBm 21.670 950 GHz
40 dBm													
30 dBm													
20 dBm													
10 dBm													
0 dBm													
-10 dBm													
-20 dBm													M1
-30 dBm													
CF 17.375 GH	z					200	001 pts		9	25.0 MHz/			Span 9.25 GHz
	~										→ Measuri	ng	EXT 2023-10-07 REF 06:30:15

06:30:15 AM 10/07/2023

#### **Channel Position T**

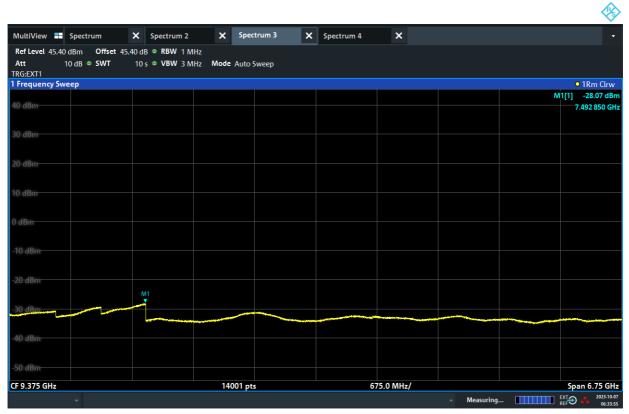
MultiView 📑	Spectrum	× Spectrum 2	× Spect	trum 3 🗙	Spectrum 4	×			
Ref Level 37.60		37.60 dB 🗢 RBW 1							
TRG:EXT1	10 dB 🗢 SWT	10 s 🗢 VBW 3	MHz Mode Auto	Sweep					
1 Frequency Swe	ep								O 1Rm Clrw
								M	[1] -40.44 dBm
30 dBm									2.108 299 GHz
50 0011									
20 dBm									
10 dBm									
TO GBII									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									M1
-40 dbm					18				
-									
-50 dBm									
-60 dBm									
CF 1.054 504 5 G	Hz		4501 pts		21	0.9 MHz/		Sna	n 2.108 991 GHz
	_		iser pts				→ Measuring.		
							wieasuring.	E	EF 06:32:45

06:32:45 AM 10/07/2023

#### **TEST REPORT**

MultiView	Spectrum	X Spectrum	2 🗙 Spe	ctrum 3 🗙	Spectrum 4	×			•
Ref Level 42. Att TRG:EXT1		42.20 dB • RBW 1 10 s • VBW 3		to Sweep					
1 Frequency S	weep								IRm Clrw
40 dBm								M	1[1] -23.37 dBm 2.181 240 GHz
30 dBm									
20 dBm									
10 dBm									
0 dBm -10 dBm									
M10 dBm									
-30 dBm									
-40 dBm			sul-web.end.end.end.end.end.end						
-50 dBm									
CF 4.090 5 GHz	,		8001 p	*	31	31.9 MHz/			Span 3.819 GHz
	~						→ Measuring		

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06:33:56 AM 10/07/2023

### **TEST REPORT**

											<b></b>
MultiView	Spectrum	×	Spectrum 2	×	Spectrum 3	×	Spectrum 4	×			•
Ref Level 49. Att TRG:EXT1	10 dB 🗢 SI		iB ● RBW 1 M 0s ● VBW 3 M		Auto Sweep						
1 Frequency S	weep										1Rm Clrw
										M1	[1] -21.67 dBm 21.630 250 GHz
40 dBm											
30 dBm											
20 dBm											
10 dBm											
0 dBm											
-10 dBm											
-20 dBm											M1
-50 000						1					
-40 dBm											
CF 17.375 GHz				20	001 pts		9	25.0 MHz/			Span 9.25 GHz
									✓ Measuring		

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### **TEST REPORT**

Antenna Port	Channel	NR	NR Channel	RBW	Limit
	Position	Modulation	BW (MHz)	(kHz)	(dBm)
В	В	256QAM	40	1000	-16.01
В	М	256QAM	40	1000	-16.01
В	Т	256QAM	40	1000	-16.01

#### **Channel Position B**

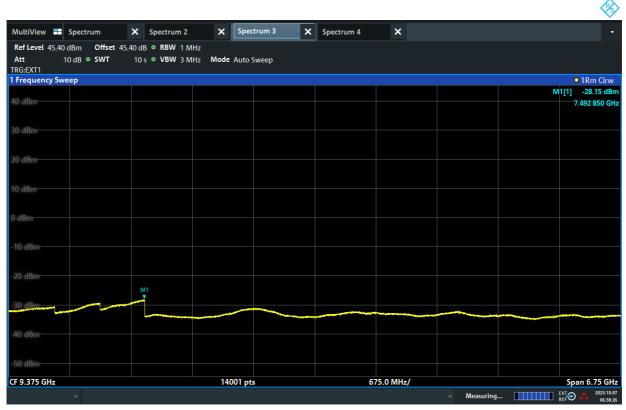
MultiView Spectrum 🗙 S	pectrum 2 🗙 Spectrum 3	X Spectrum 4 X	
Ref Level         37.60 dBm         Offset         37.60 dB           Att         10 dB         SWT         10 s           RG:EXT1         10 dB         10 s         10 s	RBW 1 MHz     VBW 3 MHz     Mode Auto Sweep		
Frequency Sweep			• 1Rm Clrv
30 dBm			M1[1] -26.42 dł 2.108 769 G
0 dBm			
0 dBm			
10 dBm			
20 dBm			
0 dBm			
0 dBm			
i0 dBm			
50 dBm			

06:36:48 AM 10/07/2023

#### **TEST REPORT**

									<b></b>
MultiView 👥 S	Spectrum	Spectrum 2	🔆 🗙 Spec	trum 3 🗙	Spectrum 4	×			
Ref Level 42.20 ( Att 1) TRG:EXT1		20 dB • RBW 1 M 10 s • VBW 3 M	1Hz 1Hz <b>Mode</b> Auto	Sweep					
1 Frequency Swee	ep								• 1Rm Clrw
40 dBm								M	1[1] -32.94 dBm
									3.209 850 GHz
30 dBm									
20 dBm									
10 dBm									
0.10									
0 dBm									
-10 dBm									
- TO UBIT									
-20 dBm									
Lo dom									
-30 dBm		M1							
									جيوة فطيعه وموطوعهم وموترك فكالما والوراد
-40 dBm									
-50 dBm									
2.181 GHz			8001 pts	;	38	31.9 MHz/			6.0 GHz
	~						→ Measuring.		EXT 2023-10-07 REF 06:37:56

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06:38:26 AM 10/07/2023

# intertek Total Quality. Assured.

### **TEST REPORT**

20 dBm 10 dBm													<b>\$</b>
Att       10 dB * SWT       10 s * VBW 3 MHz       Mode Auto Sweep         TRESULT       • 10 mm Claw       • 10 mm Claw       • 10 mm Claw         40 dBm       1 <td>MultiView</td> <td>Spe</td> <td>ctrum</td> <td>× Spectr</td> <td>um 2</td> <td>× Spe</td> <td>ctrum 3</td> <td>×</td> <td>Spectrum 4</td> <td>×</td> <td></td> <td></td> <td></td>	MultiView	Spe	ctrum	× Spectr	um 2	× Spe	ctrum 3	×	Spectrum 4	×			
1 Frequency Sweep       0 1 m Crw         40 dBm       1	Att					Mode Auto	o Sweep						
40 dBm       21.617 300 GHz         30 dBm       20 dBm         20 dBm       20 dBm         10 dBm       20 dBm         -20 dBm       -20 dBm <t< td=""><td></td><td>y Sweep</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>• 1Rm Clrw</td></t<>		y Sweep											• 1Rm Clrw
30 d8m												M1	•
20 dBm       Image: Sector Secto	40 dBm												
10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -20 dBm -10 dBm -20 dB	30 dBm												
0 dBm -10 dBm -20 dBm -20 dBm -40 dBm	20 dBm												
-10 dBm -20 dBm -20 dBm -40 dBm	10 dBm												
-20 dBm -20 dBm -40 dBm	0 dBm												
-20 dBm -20 dBm -40 dBm	-10 dBm												
-40 dBm	-20 dBm												M1
	-30 abm												
CF 17.375 GHz 20001 pts 925.0 MHz/ Span 9.25 GHz Span 9.25 GHz	-40 dBm												
CF 17.375 GHz 20001 pts 925.0 MHz/ Span 9.25 GHz													
v Measuring EXT 2023-10-07 06:38:56	CF 17.375 G					20001	ots		92	25.0 MHz/	✓ Measuring		

06:38:56 AM 10/07/2023

#### **Channel Position M**

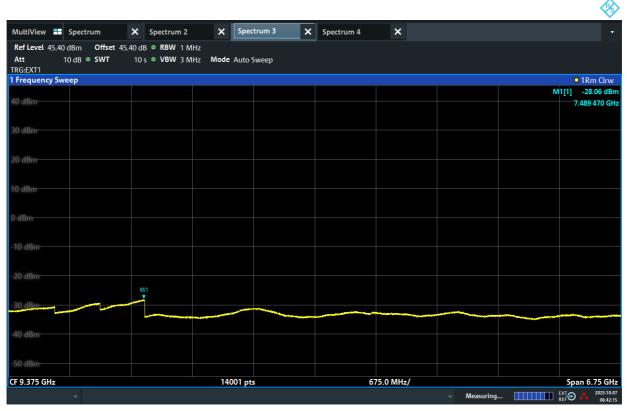
							V
MultiView 📰 Sp	ectrum 🗙	Spectrum 2	× Spectrum 3	× Spectrum 4	×		
Ref Level 37.60 dB	Sm Offset 37.60	dB 🔍 RBW 1 MHz					
Att 10 of TRG:EXT1	dB • SWT 1	0 s 🗢 VBW 3 MHz	Mode Auto Sweep				
1 Frequency Sweep							• 1Rm Clrw
						м	1[1] -38.03 dBm
30 dBm							2.108 769 GHz
20 dBm							
10 dBm							
0 dBm							
-10 dBm							
-20 dBm							
-30 dBm							
55.66511							M1
-40 dBm							7
1						An an and the second	and the second
-50 dBm							
50 0011							
-60 dBm							
CF 1.054 504 5 GHz			4501 pts	2	10.9 MHz/	Spa	n 2.108 991 GHz
					Ŧ	Measuring	

06:41:05 AM 10/07/2023

#### **TEST REPORT**

MultiView 🗮 Sp	ectrum X	Spectrum 2	× Spect	rum 3 🗙	Spectrum 4	×			-
Ref Level 42.20 di Att 10 TRG:EXT1		dB • RBW 1 MHz 0 s • VBW 3 MHz		Sweep					
1 Frequency Sweep	<b>)</b>								IRm Clrw
40 dBm								M	1[1] -32.72 dBm 3.209 850 GHz
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm		M1							
-40 dBm	21				18 had see				محوف ان <del>بر از بن را ایر از بر ا</del> ک شدار اندانه
-50 dBm									
CF 4.090 5 GHz	7		8001 pts		38	31.9 MHz/	<ul> <li>→ Measuring.</li> </ul>		Span 3.819 GHz

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06:42:16 AM 10/07/2023

# intertek Total Quality. Assured.

### **TEST REPORT**

											<b></b>
MultiView	Spectrum	×	Spectrum 2	2 ×	Spectrum 3	×	Spectrum 4	×			
Ref Level 49. Att TRG:EXT1	50 dBm O 10 dB • S		dB • RBW 1 0 s • VBW 3		Auto Sweep						
1 Frequency S	weep										1Rm Clrw
										M1	[1] -21.69 dBm 21.688 520 GHz
40 dBm											
30 dBm											
20 dBm											
10 dBm											
0 dBm											
-10 dBm											
-20 dBm											M1
-30 dom -40 dBm-											
CF 17.375 GH:				200	001 pts		92	25.0 MHz/			Span 9.25 GHz
	~								→ Measuring	J	EXT 2023-10-07 REF 06:42:47

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#### **Channel Position T**

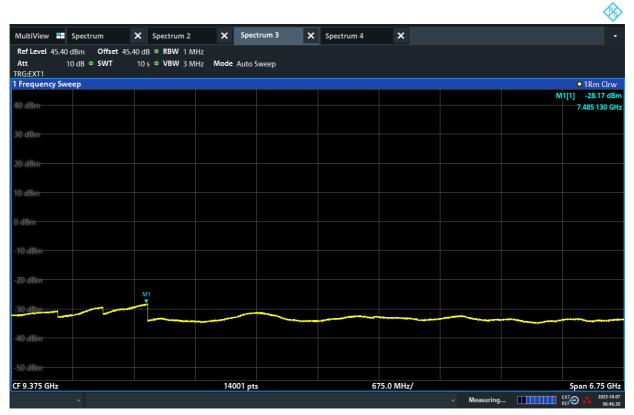
Ref Level 37.60	dBm Offset 3 10 dB • SWT	7.60 dB • RBW 1 10 s • VBW 3	MHz MHz <b>Mode</b> Auto	Sweep				
RG:EXT1							• 1Rn	C
Frequency Swe	ер						M1[1] -38.	
0 dBm							2.1087	769 G
0 dBm								
0 dBm								
dBm								
10 dBm								
20 dBm								
30 dBm								
0 dBm							 	
i0 dBm								
50 dBm								
F 1.054 504 5 GH	17		4501 pts		21	0.9 MHz/	Span 2.108 9	91 GI

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### **TEST REPORT**

MultiView 🖶	Spectrum	X Spectrum 2	2 X Sp	ectrum 3 🗙	Spectrum 4	×			•
Ref Level 42.2 Att TRG:EXT1	0 dBm Offset	42.20 dB • RBW 1 10 s • VBW 3	MHz MHz <b>Mode</b> Au	to Sweep					
1 Frequency Sw	eep								• 1Rm Clrw
40 dBm								м	1[1] -22.84 dBm 2.181 240 GHz
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
-30 dBm									
-40 dBm									
-50 dBm									
CF 4.090 5 GHz			8001 p	ts	3	81.9 MHz/			Span 3.819 GHz
	~						→ Measuring		

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06:46:21 AM 10/07/2023

### **TEST REPORT**

									<b></b>
MultiView 📕	Spectrum	× Spectrum 2	× Spe	ectrum 3 🗙	Spectrum 4	×			•
Ref Level 49.50 Att TRG:EXT1	0 dBm Offset 49 10 dB • SWT	.50 dB ● RBW 1 M 10 s ● VBW 3 M		o Sweep					
1 Frequency Sv	veep								1Rm Clrw
								M1	[1] -21.70 dBm 21.660 310 GHz
40 dBm									
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									M1
-20 dBm									
-30 abm -40 dBm									
CF 17.375 GHz			20001 թ	ots	9	25.0 MHz/			Span 9.25 GHz
							- Measuring		EXT 2023-10-07 REF 06:46:57

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### 7 Frequency Stability

Test result: Tested

### 7.1 Limit

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

### 7.2 Measurement Procedure

#### Temperature Variation

The EUT was tested over the temperature range -40°C to +55°C in 10°C steps with -48 VDC Power Supply. At each temperature step, the Base Station was configured to transmit at maximum power on the middle channel of the operating band.

Voltage Variation

The EUT was tested at the supplied voltages varied from 85 to 115 percent of the nominal values of -48 VDC. At +20°C, the Base Station was configured to transmit at maximum power on the middle channel of the frequency block.



### 7.3 Measurement result

Frequency Error – Temperature Variation

#### Configuration NR-1C, Channel Bandwidth: 40MHz

Antenna		Temperature	Frequency Stability (Hz)					
Port	Modulation	(°C)	Channel	Channel	Channel			
FOIL		( C)	Position B	Position M	Position T			
		-40	-0.34	0.08	0.16			
		-30	-0.74	0.23	-0.03			
	256QAM	-20	0	-0.03	0.47			
		-10	0.41	0.06	-0.16			
		0	0.09	-0.38	0.05			
В		10	0.39	0.05	0.37			
		20	-0.97	0	-0.66			
		30	0.36	0.48	-0.71			
		40	-0.32	-0.29	-0.58			
		50	-0.73	-0.16	0.41			
		55	-0.53	-1.07	-0.72			

Frequency Error – Voltage Variation

#### Configuration NR-1C, Channel Bandwidth: 40MHz

Antenna Port		Temperature (°C)	Supply	Frequency Stability (Hz)			
	Modulation		Voltage	Channel	Channel	Channel	
			(V)	Position B	Position M	Position T	
В		20	-40.8	1.18	-0.22	0.04	
	256QAM		-48.0	-0.97	0	-0.66	
			-55.2	-0.16	0.47	0.25	