TM 2 & Middle

Reference



Agilent Spectrum Analyzer - Swept SA IXI R L RF 50 Ω A DC CORR€			00.00.00.00.000	
Center Freq 15.004500 MHz	Fast 🕟 Trig: Free Run	ALIGN OFF	09:39:30 AMNov 11, 2020 TRACE 1 2 3 4 5 6 TYPE MWAWAWA	Frequency
IFGai			DET P P P P P P Mkr1 281.9 kHz -34.30 dBm	Auto Tune
Log 10.0 .00				Center Freq 15.004500 MHz
-0.0			-17.21 dBm	Start Freq 9.000 kHz
-50.0 -60.0 -70.0	hananahalmini ar nananan karatar (mini sadaran)	instrutenntstantelijden anderstande	lászásoplannosakaltottsortilasotasájá	Stop Freq 30.000000 MHz
Start 9 kHz #Res BW 100 kHz MKR MODELTRCISCLI X	#VBW 300 kHz	Sweep 5.	Stop 30.00 MHz 333 ms (40001 pts)	CF Step 2.999100 MHz <u>Auto</u> Mar
1 N 1 f 281.91 2 3 3 4 5 9	kHz -34.30 dBm			Freq Offse 0 H:
6 7 7 8 8 9 9 10 10				
MSG	in the second	STATU	DC Coupled	

Agilent Spectrum Analyzer - Sw					
Center Freg 5.0150		SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	09:39:38 AMNov 11, 2020 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.0150	PNO: Fast G	Trig: Free Run Atten: 30 dB		TYPE MWAAAAAAA DET P P P P P P	
	IFGain:Low	Atten: 30 dB			Auto Tune
	-10		IVIKT	5 2.783 22 GHz -37.15 dBm	
10 dB/div Ref 20.00				-07.10 abiii	
10.0	+ * '				Center Fred
0.00					5.015000000 GH;
-10.0					
-20.0				-17.21 dBm	01
-30.0	5\&				Start Free
-40.0	And Starting		and the state of the		30.000000 MHz
-50.0 association and a second	and a substance of the balance of the second	in the product of the second			
-60.0					Stop Free
-70.0					10.00000000 GHz
-70.0					
Start 30 MHz				Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz	#VBV	¥ 3.0 MHz	Sweep 18	.67 ms (40001 pts)	997.000000 MH
MKR MODE TRC SCL	X		UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
1 N 1 f	2.439 00 GHz 2.742 34 GHz	12.02 dBm -36.61 dBm			
3 N 1 f	3.041 19 GHz	-36.83 dBm			Freq Offse
5 N 1 f	3.018 76 GHz 2.783 22 GHz	-36.86 dBm -37.15 dBm			0 H:
6					
8					
9					
11				×	
MSG		110	STATUS		
			SIAIDO		

Agilent Spectrum Analyzer - Swept SA				
X RL RF 50 Ω AC CORF Center Freq 17.500000000 G		Avg Type: Log-Pwr	09:39:46 AMNov 11, 2020 TRACE 1 2 3 4 5 6 TYPE MWAAAAAA DET P P P P P P	Frequency
IFG	ain:Low Atten: 30 dB			Auto Tune
10 dB/div Ref 20.00 dBm		Mkr3 2	4.594 625 GHz -26.49 dBm	
10.0 0.00				Center Freq 17.500000000 GHz
-20.0 -30.0 -40.0			1771 · 3	Start Freq 10.000000000 GHz
-50.0 -60.0 -70.0				Stop Freq 25.000000000 GHz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 40	Stop 25.000 GHz .00 ms (40001 pts)	CF Step 1.50000000 GHz Auto Man
MKR MODE TRC SCL X 1 N 1 f 24.046 750	GHz -26.15 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 23.895 625 3 N 1 f 24.594 625 4 5	GHz -26.31 dBm			Freq Offset 0 Hz
6 7 8 9 9				
	111		×	
MSG		STATUS		

TM 2 & Highest

Reference



High Band-edge



X RL RF 50Ω A Center Freg 15.00450		SENSE		ALIGN OFF	09:43:37 AMNov 11, 2020 TRACE 1 2 3 4 5	
Center Freq 15.00450	PNO: Fast		un		TYPE MWAAAAAA DET P P P P P	P
	IFGain:Low	Atten: 30 dE	3			
10 dB/div Ref 20.00 dE	Rm				Mkr1 282.7 kHz -34.00 dBm	
10.0						Center Fre
0.00						15.004500 MH
-10.0						
-20.0					-17.19 dBn	Otart Err
-30.0						Start Fre
-40.0						9.000 kH
-50.0	ومدينات ومسرورة المقريات	فانقدم بمقروبا عرارا المأسديس	فلدعاء وأسافرها أواجد بالاروديا الار	ومعادية والدالية والمراجع	erapersia astronomicantes	Stop Fre
-60.0			an dealer seine seine seiten.	فلمل من عالية بالملكة في مال ولا إن		30.000000 MH
-70.0						
					Stop 20.00 MH-	
	#VI	BW/ 300 kHz		Sween 5	Stop 30.00 MHz	
#Res BW 100 kHz		BW 300 kHz	TUNCTION .		333 ms (40001 pts	2.999100 MH
Start 9 kHz #Res BW 100 kHz MKR MODE TRC SCL	X	Y	FUNCTION	Sweep 5.3		2.999100 MH
#Res BW 100 kHz MKR MODE TRC SCL 1 N 2					333 ms (40001 pts	2.999100 MH <u>Auto</u> Ma
#Res BW 100 kHz MKR MODE TRC SCL 1 N 1 f	X	Y			333 ms (40001 pts	2.999100 MH Auto Ma Freq Offse
#Res BW 100 kHz MKR MODE TRC SCL 1 N 1 f 2	X	Y			333 ms (40001 pts	2.999100 MH Auto Ma
#Res BW 100 kHz MKR MODE TRC SCL 1 N 1 f 2 3	X	Y			333 ms (40001 pts	2.999100 MH Auto Ma
#Res BW 100 kHz MKR MODE TRC SCL 1 1 2 3 3 - 4 - 5 - 6 - 7 - 8 -	X	Y			333 ms (40001 pts	2.999100 MH Auto Ma
#Res BW 100 kHz MKR MODE TRC SCL 1 1 1 2 3 - 4 - - 5 - - 6 - - 7 - -	X	Y			333 ms (40001 pts	2.999100 MH Auto Ma Freq Offse
#Res BW 100 kHz MKR MODE TRC SCL 1 1 f 3 - - 4 - - 5 - - 6 - - 8 - - 9 - - 10 - -	X	Y			333 ms (40001 pts	2.999100 MH Auto Mar Freq Offse
#Res BW 100 kHz MKR MODE TRC SCL 1 N 1 T 2 3 4 - 5 - 6 - 7 - 8 - 9 - 10 -	X	Y		FUNCTION WIDTH	333 ms (40001 pts	2.999100 MH

Agilent Spectrum Analyzer - Swept SA				
KL RF 50 Ω AC CORREC Correc Center Freq 5.015000000 GHz	SENSE: IN	T ALIGN (Avg Type: Log-I	Pwr TRACE 123456	Frequency
PNO: Fas	at 🖵 Trig:Free Run w Atten:30 dB		TYPE MWWWWW DET PPPPP	
			/kr5 2.491 59 GHz	Auto Tune
10 dB/div Ref 20.00 dBm			-36.58 dBm	
Log 1100				Center Freq
0.00				5.015000000 GHz
-10.0				
-20.0			-17.19 dBm	
-30.0				Start Freq 30.000000 MHz
-40.0	The second second second second second		ويرويه والمتعاربين والمتحد والمحدوق والمتعادين	30.000000 WHZ
-50.0 too article and the second s	in the second second second second	a fa shind a bindi a lan shina a shindi da a sa shindi ka sa	a di kana da sa kana kana kana kana kana kana kana	
-60.0				Stop Freq
-70.0				10.00000000 GHz
Start 30 MHz #Res BW 1.0 MHz #	VBW 3.0 MHz	Sweep	Stop 10.000 GHz 18.67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL X	Y	FUNCTION FUNCTION W	/IDTH FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2.461 68 GHz 2 N 1 f 2.442 99 GHz				
3 N 1 f 3.263 02 GHz	-35.62 dBm			Freq Offset
4 N 1 f 6.798 38 GHz 5 N 1 f 2.491 59 GHz				0 Hz
8				
<			>	
MSG		s	STATUS	

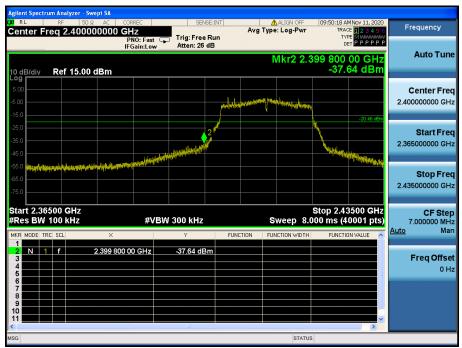


TM 3 & Lowest

Reference



Low Band-edge



Agilent Spectrum Analyzer - Swept S					
X/RL RF 50ΩΔ Center Freq 15.004500	PNO: Fast	SENSE:INT	Avg Type: Log-Pwr	09:50:26 AMNov 11, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency
10 dB/div Ref 15.00 dBi	IFGain:Low	Atten: 26 dB		Vkr1 281.9 kHz -38.53 dBm	Auto Tune
-5.00 -5.00					Center Fred 15.004500 MH;
-25.0				-20.46 dBm	Start Free 9.000 kH:
-55.0	storegedtreesty wheight fooltheater	aler forstøgen yn ofte betre trette forste sjæret trette	โกร์สูนการในทางที่มีของหมู่ในที่มีสุราชาวิตรีมีที่มีการสาวหล่างมีต่	Seetled representation in the representation	Stop Fre 30.000000 MH
Start 9 kHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 5.3	Stop 30.00 MHz 333 ms (40001 pts)	CF Ste 2.999100 MH <u>Auto</u> Ma
1 N 1 f 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	281.9 kHz	-38.53 dBm			Freq Offse 0 H
6 7 8 9 9 10					
11		Ш		DC Coupled	

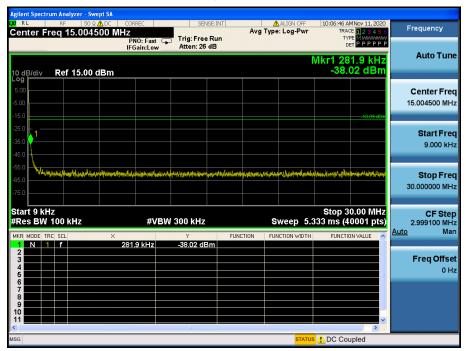
Agilent Spectrum Analyzer - Swept SA					
Center Freq 5.01500000		SENSE:INT	ALIGN OFF	09:50:34 AMNov 11, 2020 TRACE 123456	Frequency
	PNO: Fast G	Trig: Free Run Atten: 26 dB		DET P P P P P	
			Mk	r5 2.659 09 GHz	Auto Tune
10 dB/div Ref 15.00 dBm	n			-40.59 dBm	
Log 5.00	Y1				Center Freq
-5.00					5.015000000 GHz
-15.0				-20.46 dBm	
-25.0					Start Freq
-35.0	³ • ⁵				30.000000 MHz
-45.0 provide and the second state of the seco	Aller Street and Street State	an palatan Sala ang ang Kabupatèn Ang Kabupatèn Ang	in the property of the second s	and an and the support of the spectra filler and the second statement of the s	
-55.0					Stop Freq
-65.0					10.000000000 GHz
-75.0					
Start 30 MHz	<i>20</i> (5)			Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz		V 3.0 MHz		8.67 ms (40001 pts)	997.000000 MHz Auto Man
	× 2.413 33 GHz	۲ 8.51 dBm	FUNCTION FUNCTION WIDT	H FUNCTION VALUE	
	2.641 39 GHz 2.381 42 GHz	-40.21 dBm -40.44 dBm			Freq Offset
4 N 1 f	6.884 87 GHz 2.659 09 GHz	-40.51 dBm -40.59 dBm			0 Hz
	2.000 00 0112	-40.05 0.01			
8					
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MSG			STAT	US	

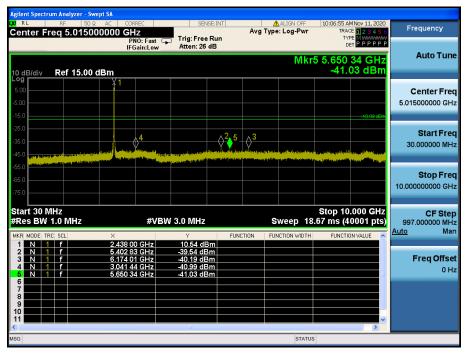


TM 3 & Middle

Reference







Agilent Spectrum Analyzer - Swept SA				
Center Freq 17.500000000	RREC SENSE:II	Avg Type: Log-Pwr	10:07:02 AMNov 11, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
10 dB/div Ref 15.00 dBm	NO: Fast Trig: Free Ru Gain:Low Atten: 26 dB		23.632 750 GHz -30.21 dBm	Auto Tune
10 abaiv Ref 13,00 dbin				Center Freq 17.50000000 GHz
-25 0 -36 0 -45 0				Start Freq 10.000000000 GHz
-55.0 -65.0 -75.0				Stop Freq 25.000000000 GHz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz		Stop 25.000 GHz .00 ms (40001 pts)	CF Step 1.50000000 GHz Auto Man
MKR MODE TRC SCL X 1 N 1 f 24.023 50		FUNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 23.936 87 3 N 1 f 23.632 75 4 5				Freq Offset 0 Hz
6 7 8 9 10				
11 <	ш		>	
MSG		STATUS	3	

TM 3 & Highest

Reference



High Band-edge



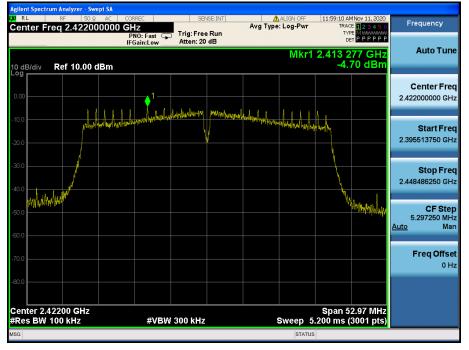
gilent Spectrum Analyzer - Swept S					
RL RF 50 2 ▲D Center Freg 15.004500		SENSE:INT	ALIGN OFF	10:12:28 AMNov 11, 2020 TRACE 1 2 3 4 5 6	Frequency
senter freq 15.004500	PNO: Fast C	Trig: Free Run Atten: 26 dB		TYPE M WAAWAAWAA DET P P P P P	
	IFGain:Low	Atten: 20 dB		Mkr1 281.9 kHz	Auto Tune
10 dB/div Ref 15.00 dBr	m		· · · · · · · · · · · · · · · · · · ·	-39.74 dBm	
5.00					O
					Center Free
-5.00					15.004500 MH
-15.0				-17.76 dBm	
-25.0					Start Free
-35.0 🔶 🖢 👘 👘					9.000 kH
-45.0					
-55.0					
-55.0 44 markamatika anika ani	(ntillener), respectively and the state	adapted a sub-statistic terration of	in the second state of the	atomic name in the state of the s	Stop Free
-75.0					30.000000 MH
73.0					
Start 9 kHz				Stop 30.00 MHz	CF Ster
#Res BW 100 kHz	#VB	W 300 kHz	Sweep 5.3	333 ms (40001 pts)	2.999100 MH
MKR MODE TRC SCL	X	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar
1 N 1 f	281.9 kHz	-39.74 dBm			
2 3					Freq Offse
4					он
6				3	
7 8					
9					
10					
11					
<mark>11</mark>				>	

Agilent Spectrum Analyzer - Sw					
Center Freq 5.0150		SENSE:INT	ALIGN OFF	10:12:36 AMNov 11, 2020 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.0 150	PNO: Fast C IFGain:Low	Trig: Free Run Atten: 26 dB	U // U	TYPE MWWWWWW DET P P P P P P	
	IFGain:Low_	Atten: 20 dB	Miles	5 5.462 15 GHz	Auto Tune
10 dB/div Ref 15.00			IVIKI	-40.54 dBm	
Log	¥1				Center Freq
-5.00					5.015000000 GHz
-15.0				17.76 dBm	0.01000000000112
-25.0					
-35.0	A82		5		Start Freq
-45.0	and the state of t		ومعارفة فالقار أحاله أنفاقه والمراجع والمتعاد والمتعا	والمعافية والمعافية والمعاومين المعافية والم	30.000000 MHz
-45.0	and the second se	the second s	a belantid the birds and a solar set. In solar birds and a solar set of the second second second second second	and a line of the line of t	
-65.0					Stop Freq
					10.00000000 GHz
-75.0					
Start 30 MHz				Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 18	.67 ms (40001 pts)	997.000000 MHz
MKR MODE TRC SCL	X	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f	2.459 94 GHz 3.264 02 GHz	10.56 dBm -39.83 dBm			
3 N 1 f	3.167 06 GHz 3.143 63 GHz	-40.44 dBm -40.52 dBm			Freq Offset
5 N 1 f	5.462 15 GHz	-40.52 dBm			0 Hz
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9 10					
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MSG			STATUS		

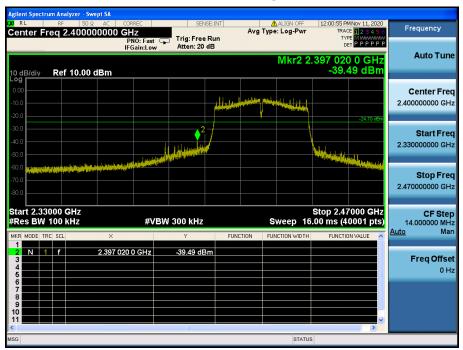


TM 4 & Lowest

Reference



Low Band-edge



Agilent Spectrum Analyzer - Swept SA					
X RL RF 50 2 <u>A</u> D⊂ Center Freq 15.004500 N	CORREC IHZ PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	12:01:03 PMNov 11, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency
10 dB/div Ref 10.00 dBm	IFGain:Low	Atten: 20 dB		Mkr1 286.4 kHz -45.87 dBm	Auto Tune
Log 0.00 -10.0					Center Free 15.004500 MH
-40.0				-24.70 dBm)	Start Fred 9.000 kHz
-60.0 -70.0 -80.0	naninaninininininininini Naninininininininininininininininininini	lephonesister-ghandersteatistisceneer	adagenthyddyddagagynyllandiffadayn'alwyry	gjaventalisensensensensensensensensensensensensens	Stop Free 30.000000 MH:
Start 9 kHz #Res BW 100 kHz	#VBM	/ 300 kHz		Stop 30.00 MHz 333 ms (40001 pts)	CF Stej 2.999100 MH <u>Auto</u> Mai
MKR MODE TRC SCL X 1 N 1 f 2 3 4 5	286.4 kHz	-45.87 dBm	UNCTION FUNCTION WIDTH		Freq Offse 0 H
6 7 8 9 10					
11				~	

Agilent Spectrum Analyzer - Swept S						
Image: Window R l RF 50 Ω Add the set of the s		SENSE: IN		ALIGN OFF	12:01:12 PMNov 11, 2020 TRACE 1 2 3 4 5 (Frequency
	PNO: Fast G	Trig: Free Run Atten: 20 dB			TYPE M WAAWAAA DET P P P P P	
	IFGain:Low	Atten: 20 db		Mke	5 5.765 74 GHz	Auto Tune
10 dB/div Ref 10.00 dBr	n			IVINI	-47.17 dBm	
	Y1					Center Freq
-10.0						5.015000000 GHz
-20.0						
-30.0	2				-24.70 dBm	
-40.0	<mark>/3</mark> 4		5			Start Freq 30.000000 MHz
-50.0	Marshare Provider	The second s	addaa ay ay a a a dagaa a dagaa a dagaa a dagaa a dagaa a dag	nunan under galite	and the second	30.000000 WHZ
-60.0 manual and a solution of the second se	Statistics in the second	and the other designed and the second se	ستجحمهم مالسوقريفتي	طخيصيل يظلمنا طبيب واوفر أهدت	and the second	
-70.0						Stop Freq
-80.0						10.00000000 GHz
					<u> </u>	
Start 30 MHz #Res BW 1.0 MHz	#VBI	W 3.0 MHz		Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	x	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
	2.420 31 GHz 2.390 90 GHz	3.99 dBm -36.25 dBm				
3 N 1 f	2.364 97 GHz 3.154 35 GHz	-45.67 dBm -46.75 dBm				Freq Offset
5 N 1 f	5.765 74 GHz	-46.75 dBm -47.17 dBm			-	0 Hz
6 7						
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10						
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MSG				STATUS		

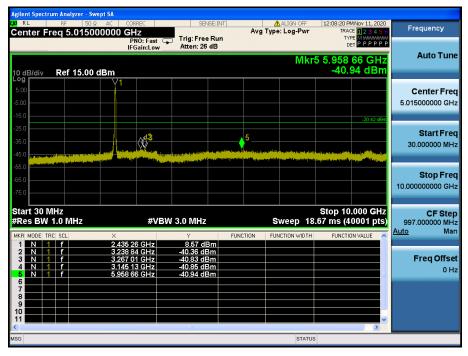


TM 4 & Middle

Reference



Agilent Spectrum Analyzer - Swept					
ໝ RL RF 50 Ω AL Center Freq 15.00450		SENSE: INT	ALIGN O Avg Type: Log-P	Wr TRACE 123456	Frequency
10 dB/div Ref 15.00 dE	IFGain:Low	Atten: 26 dB		ост РРРРРР Mkr1 281.9 kHz -37.57 dBm	Auto Tune
5.00 -5.00 -15.0				-20.42 dBm	Center Fred 15.004500 MHz
-25.0				20.42 00m	Start Free 9.000 kH:
-55.0	glisten magnisetten lænten nætter	baadansel loodin naafan siyaan	แล่งระเป็นสารเราที่เสราไปเราระกับ	ingsingenterindel fødsveligtereforsereringsigteres	Stop Free 30.000000 MH;
Start 9 kHz #Res BW 100 kHz MKR MODE TRC SCL	x	300 kHz	Sweep	Stop 30.00 MHz 5.333 ms (40001 pts) DTH FUNCTION VALUE	CF Step 2.999100 MH: <u>Auto</u> Mar
1 N 1 f 2 -	281.9 kHz	-37.57 dBm			Freq Offse 0 H:
9 10 11 KSG		m	S	×	

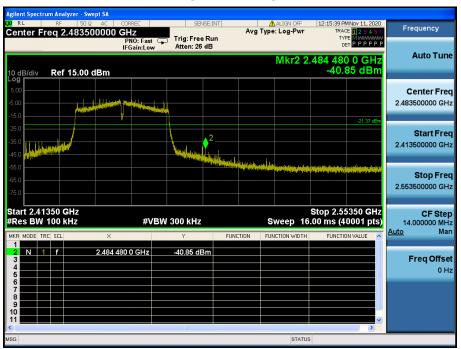


Agilent Spectrum Analyzer - Swept SA					
RL RF 50 Ω AC Center Freq 17.50000000	0 GHz		ALIGN OFF	12:08:28 PMNov 11, 2020 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast Trig: Fro IFGain:Low Atten: 2		Mkr3 2	4.547 000 GHz -30.33 dBm	Auto Tune
10 dB/div Ref 15.00 dBm 5.00 5.00 -5.00 -5.00					Center Freq 17.500000000 GHz
-25.0 -35.0 -45.0				2 - ² - ² - ² - ³	Start Freq 10.000000000 GHz
-56.0 -65.0 -75.0					Stop Freq 25.000000000 GHz
Start 10.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MH	FUNCTION	Sweep 40.	Stop 25.000 GHz 00 ms (40001 pts) FUNCTION VALUE	CF Step 1.500000000 GHz <u>Auto</u> Man
2 N 1 f 23.22	00 500 GHz -29.03 (25 125 GHz -29.75 (17 000 GHz -30.33 (iBm			Freq Offset 0 Hz
6 7 8 9 10					
MSG			STATUS	>	

TM 4 & Highest

Spectrum Analyze Swept S/ 12:13:51 PMNov 11, 2020 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P Center Freq 2.452000000 GHz PN0:Fast IFGain:Low Trig:Free Run Atten: 26 dB SENSE:INT ALIGN OFF Frequency Auto Tune Mkr1 2.443 259 GHz -1.37 dBm Ref 15.00 dBm 0 dB/div Center Freq 2.452000000 GHz **?**' at when the stand of the stand Montaly 11 Start Freq 2.425510750 GHz Stop Freq 2.478489250 GHz MANIN CF Step 5.297850 MHz Man Auto **Freq Offset** 0 Hz Center 2.45200 GHz #Res BW 100 kHz Span 52.98 MHz Sweep 5.200 ms (3001 pts) #VBW 300 kHz

High Band-edge



Reference

Agilent Spectrum Analyzer - Swept SA					
W RL RF 50 Ω ▲ DC Center Freq 15.004500 M	CORREC HZ	SENSE:INT	ALIGN OFF	12:15:47 PMNov 11, 2020 TRACE 1 2 3 4 5 6	Frequency
Conter 1104 10:004000 m	PNO: Fast 😱 IFGain:Low	Trig: Free Run Atten: 26 dB	0 // 0	TYPE M WAARAAAAA DET P P P P P P	
	IFGain:Low	Atten: 20 dB		-	Auto Tune
10 dB/div Ref 15.00 dBm				Mkr1 293.2 kHz -36.92 dBm	
Log					
5.00					Center Freq
-5.00					15.004500 MHz
-15.0					
-25.0				-21.37 dBm	
-35.0					Start Freq
					9.000 kHz
-45.0					
-55.0	mained without (Middle	والمستاد ومحمد المالية والا	أواجهم ومناطقا والمتحاصل والمتعاد والمتعاد والمتعاد	Resources to March March and	Stop Freq
-65.0	And a star star of the star		ter an		30.000000 MHz
-75.0					00.000000 11112
				Of	
Start 9 kHz #Res BW 100 kHz	#VBM	300 kHz	Sween 5	Stop 30.00 MHz 333 ms (40001 pts)	CF Step 2.999100 MHz
	77 C) 44		· · ·		Auto Man
MKR MODE TRC SCL X	293.2 kHz	√ -36.92 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	
2	230.2 RT12	-00.32 dBiii			
3					Freq Offset
5				Е по стали в	0 Hz
6					
8					
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11				v	
<		110	OTAT		
MSG			STATU	IS 1 DC Coupled	

Agilent Spectrum Analyzer - Sw					
Center Freq 5.0150		SENSE:INT	ALIGN OFF	12:15:55 PMNov 11, 2020 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.0150	PNO: Fast G	Trig: Free Run Atten: 26 dB		TYPE MWWWWWW DET P P P P P P	
	IFGain:Low	Atten: 26 dB			Auto Tune
10 dB/div Ref 15.00	dDas		IVIKT	5 9.413 27 GHz -40.93 dBm	
10 dB/div Ref 15.00				40.00 abiii	
5.00	+				Center Freq
-5.00					5.015000000 GHz
-15.0				-21.37 dBm	
-25.0				-21.37 001	Start Freq
-35.0	0 <mark>∛</mark> 2				30.000000 MHz
-45.0	a strate balance a find the second	and the second	and the strength and sparse the strength and the strength	Share kengerdiller oggende Kenneder	30.000000 WH12
-55.0		A DESCRIPTION OF THE OWNER OWNER	A (FEAR) And the Adding on A way, and a Middle of Board and the ordina of the second second second second second	ite and definite state in the second seco	
-65.0					Stop Freq
-75.0					10.00000000 GHz
Start 30 MHz				Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz	#VBI	№ 3.0 MHz	Sweep 18	.67 ms (40001 pts)	997.000000 MHz Auto Man
MKR MODE TRC SCL	× 2.448 22 GHz	Y 7.00 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mari
2 N 1 f	3.323 84 GHz	-40.45 dBm			
3 N 1 f	3.163 32 GHz 3.172 05 GHz	-40.59 dBm -40.78 dBm			Freq Offset
5 N 1 f	9.413 27 GHz	-40.93 dBm		=	0 Hz
6 7					
8					
10					
				~	
MSG			STATUS		





8.5 Radiated spurious emissions

Test Requirements and limit, §15.247(d), §15.205, §15.209

In any 100 kHz bandwidth outside the operating frequency band, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 KHz bandwidth within the band. In case the emission fall within the restricted band specified on 15.205(a) and (b), then the 15.209(a) limit in the table below has to be followed.

• FCC Part 15.209(a) and (b)

Frequency (MHz)	Limit (uV/m)	Measurement Distance (meter)
0.009 - 0.490	2 400 / F (kHz)	300
0.490 – 1.705	24 000 / F (kHz)	30
1.705 – 30.000	30	30
30 ~ 88	100 **	3
88 ~ 216	150 **	3
216 ~ 960	200 **	3
Above 960	500	3

** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 MHz - 72 MHz, 76 MHz - 88 MHz, 174 MHz - 216 MHz or 470 - 806 MHz.

However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

 FCC Part 15.205 (a): Only spurious emission 	ns are permitted in any of the frequency bands listed below:
---	--

MHz	MHz	MHz	MHz	GHz	GHz
0.009 ~ 0.110	8.414 25 ~ 8.414 75	108.00 ~ 121.94	1 300 ~ 1 427	4.50 ~ 5.15	14.47 ~ 14.50
0.495 ~ 0.505	12.290 ~ 12.293	123 ~ 138	1 435.0 ~ 1 626.5	5.35 ~ 5.46	15.35 ~ 16.20
2.173 5 ~ 2.190 5	12.519 75 ~ 12.520 25	149.9 ~ 150.05	1 645.5 ~ 1 646.5	7.25 ~ 7.75	17.7 ~ 21.4
4.125 ~ 4.128	12.576 75 ~ 12.577 25	156.524 75 ~ 156.525 25	1 660 ~ 1 710	8.025 ~	22.01 ~ 23.12
4.177 25 ~ 4.177 75	13.36 ~ 13.41	156.7 ~ 156.9	1 718.8 ~ 1 722.2	8.500	23.6 ~ 24.0
4.207 25 ~ 4.207 75	16.420 ~ 16.423	162.012 5 ~ 167.170 0	2 200 ~ 2 300	9.0 ~ 9.2	31.2 ~ 31.8
6.215 ~ 6.218	16.694 75 ~ 16.695 25	167.72 ~ 173.20	2 310 ~ 2 390	9.3 ~ 9.5	36.43 ~ 36.50
6.267 75 ~ 6.268 25	16.804 25 ~ 16.804 75	240 ~ 285	2 483.5 ~ 2 500.0	10.6 ~ 12.7	Above 38.6
6.311 75 ~ 6.312 25	25.50 ~ 25.67	322.0 ~ 335.4	2 655 ~ 2 900	13.25 ~ 13.4	
8.291 ~ 8.294	37.50 ~ 38.25	399.90 ~ 410.00	3 260 ~ 3 267		
8.362 ~ 8.366	73.0 ~ 74.6	608 ~ 614	3 332 ~ 3 339		
8.376 25 ~ 8.386 75	74.8 ~ 75.2	960 ~ 1 240	3 345.8 ~ 3 358.0		
			3 600 ~ 4 400		

• FCC Part 15.205(b): The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1 000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1 000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurements.

Test Configuration

Refer to the APPENDIX I.

Test Procedure

- 1. The EUT is placed on a non-conductive table, emission measurements at below 1 GHz, the table height is 80 cm and above 1 GHz, the table height is 1.5 m.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 1 or 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Repeat above procedures until the measurements for all frequencies are complete.

- KDB558074 D01v05r02 - Section 8.6

- ANSI C63.10-2013 – Section 11.12

Peak Measurement

RBW = As specified in below table, VBW \ge 3 x RBW, Sweep = Auto, Detector = Peak, Trace mode = Max Hold until the trace stabilizes.

Frequency	RBW
9 kHz – 150 kHz	200 Hz – 300 Hz
0.15 MHz – 30.00 MHz	9 kHz – 10 kHz
30 MHz – 1 000 MHz	100 kHz – 120 kHz
> 1 000 MHz	1 MHz

Average Measurement:

- 1. RBW = 1 MHz (unless otherwise specified).
- 2. VBW \geq 3 x RBW.
- 3. Detector = RMS (Number of points ≥ 2 x Span / RBW)
- 4. Averaging type = power. (i.e., RMS)
- 5. Sweep time = auto.
- 6. Perform a trace average of at least 100 traces.
- 7. A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
- 1) If power averaging (RMS) mode was used in step 4, then the applicable correction factor is 10 log(1 / D), where D is the duty cycle.
- 2) If linear voltage averaging mode was used in step 4, then the applicable correction factor is 20 log(1 / D), where D is the duty cycle.
- 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

Test Mode	Date rate	T _{on} (ms)	T _{on+off} (ms)	D = T _{on} / (T _{on+off})	DCCF = 10 log(1 / D) (dB)
TM 1	1 Mbps	12.410	12.510	0.992 0	N/A
TM 2	6 Mbps	2.064	2.166 0.952 9		0.21
TM 3	MCS 0	1.920	2.022	0.949 6	0.22
TM 4	MCS 0	0.944	1.046	0.902 5	0.45

Duty Cycle Correction factor

Note1: Where, T= Transmission duration / D= Duty cycle Note2: Please refer to the appendix II for duty cycle plots.



Test Results: Comply

Test Notes.

- 1. The radiated emissions were investigated 9 kHz to 25 GHz. And no other spurious and harmonic emissions were found below listed frequencies.
- 2. Sample Calculation.

Margin = Limit – Result / Result = Reading + T.F + DCCF + DCF / T.F = AF + CL + HL + AL – AG Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain, HL = High pass filter Loss, AL = Attenuator Loss, DCCF = Duty Cycle Correction Factor, DCF = Distance Correction Factor

3. Information of Distance Correction Factor

For finding emissions, measurements may be performed at a distance closer than that specified in the regulations. In this case, the distance factor is applied to the result.

- Calculation of distance factor

At frequencies below 30 MHz = 40 log(tested distance / specified distance)

At frequencies at or above 30 MHz = 20 log(tested distance / specified distance)

When distance factor is "N/A", the measurements were performed at the specified distance and distance factor is not applied.

Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
	2 388.67	Н	Х	PK	52.04	4.80	N/A	N/A	56.84	74.00	17.16
	2 388.29	н	Х	AV	40.95	4.79	N/A	N/A	45.74	54.00	8.26
Laurat	4 824.06	Н	Х	PK	49.07	0.93	N/A	N/A	50.00	74.00	24.00
Lowest	4 823.60	н	Х	AV	38.56	0.93	N/A	N/A	39.49	54.00	14.51
	7 236.63	Н	Х	PK	46.28	8.89	N/A	N/A	55.17	74.00	18.83
	7 236.74	Н	Х	AV	36.04	8.89	N/A	N/A	44.93	54.00	9.07
	4 874.17	Н	Х	PK	48.90	1.18	N/A	N/A	50.08	74.00	23.92
Middle	4 874.35	н	Х	AV	38.65	1.18	N/A	N/A	39.83	54.00	14.17
Middle	7 311.31	н	Х	PK	46.07	9.52	N/A	N/A	55.59	74.00	18.41
	7 310.72	н	Х	AV	35.50	9.52	N/A	N/A	45.02	54.00	8.98
	2 485.18	н	Х	PK	51.62	5.28	N/A	N/A	56.90	74.00	17.10
	2 483.79	н	Х	AV	41.10	5.26	N/A	N/A	46.36	54.00	7.64
Lighoot	4 924.04	н	Х	PK	49.41	1.45	N/A	N/A	50.86	74.00	23.14
Highest	4 923.67	н	Х	AV	38.63	1.44	N/A	N/A	40.07	54.00	13.93
	7 385.01	н	Х	PK	46.33	9.41	N/A	N/A	55.74	74.00	18.26
	7 386.89	Н	Х	AV	35.31	9.41	N/A	N/A	44.72	54.00	9.28

Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : TM 1



Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
	2 389.26	н	Х	PK	56.42	4.80	N/A	N/A	61.22	74.00	12.78
Lowoot	2 389.64	Н	Х	AV	45.61	4.80	0.21	N/A	50.62	54.00	3.38
Lowest	4 823.74	н	Х	PK	49.12	0.93	N/A	N/A	50.05	74.00	23.95
	4 824.12	Н	Х	AV	38.47	0.93	0.21	N/A	39.61	54.00	14.39
Middle	4 873.75	Н	Х	PK	49.23	1.17	N/A	N/A	50.40	74.00	23.60
wildule	4 873.83	Н	Х	AV	38.78	1.17	0.21	N/A	40.16	54.00	13.84
	2 483.77	н	Х	PK	56.44	5.25	N/A	N/A	61.69	74.00	12.31
Highoot	2 484.14	н	Х	AV	45.10	5.26	0.21	N/A	50.57	54.00	3.43
Highest	4 924.36	н	Х	PK	50.61	1.45	N/A	N/A	52.06	74.00	21.94
	4 923.80	Н	Х	AV	38.83	1.44	0.21	N/A	40.48	54.00	13.52

Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : <u>TM 2</u>

Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : TM 3

Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
	2 388.38	Н	Х	PK	56.84	4.79	N/A	N/A	61.63	74.00	12.37
Lowoot	2 389.71	Н	Х	AV	45.17	4.80	0.22	N/A	50.19	54.00	3.81
Lowest	4 824.36	н	Х	PK	48.86	0.94	N/A	N/A	49.80	74.00	24.20
	4 824.39	Н	Х	AV	38.51	0.94	0.22	N/A	39.67	54.00	14.33
Middle	4 874.01	н	Х	PK	49.75	1.17	N/A	N/A	50.92	74.00	23.08
wildule	4 874.46	Н	Х	AV	38.60	1.18	0.22	N/A	40.00	54.00	14.00
	2 484.24	Н	Х	PK	59.51	5.26	N/A	N/A	64.77	74.00	9.23
Highoot	2 483.67	Н	Х	AV	45.65	5.25	0.22	N/A	51.12	54.00	2.88
Highest	4 924.10	Н	Х	PK	49.08	1.45	N/A	N/A	50.53	74.00	23.47
	4 923.79	Н	Х	AV	38.85	1.44	0.22	N/A	40.51	54.00	13.49

Radiated Spurious Emissions data(9 kHz ~ 25 GHz) : TM 4

Tested Frequency	Frequency (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
	2 387.84	Н	Х	PK	55.80	4.79	N/A	N/A	60.59	74.00	13.41
	2 389.73	Н	Х	AV	45.92	4.80	0.45	N/A	51.17	54.00	2.83
Lowest	4 844.44	Н	Х	PK	50.01	1.09	N/A	N/A	51.10	74.00	22.90
	4 843.66	Н	Х	AV	39.06	1.08	0.45	N/A	40.59	54.00	13.41
Middle	4 874.28	н	Х	PK	49.14	1.18	N/A	N/A	50.32	74.00	23.68
	4 874.42	Н	Х	AV	38.90	1.18	0.45	N/A	40.53	54.00	13.47
Highest	2 484.20	Н	Х	PK	54.57	5.26	N/A	N/A	59.83	74.00	14.17
	2 483.91	Н	Х	AV	45.23	5.26	0.45	N/A	50.94	54.00	3.06
	4 904.26	Н	Х	PK	49.65	1.36	N/A	N/A	51.01	74.00	22.99
	4 903.53	Н	Х	AV	38.72	1.35	0.45	N/A	40.52	54.00	13.48

8.6 Power-line conducted emissions

Test Requirements and limit, §15.207

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network(LISN).

Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

Frequency Range	Conducted Limit (dBuV)					
(MHz)	Quasi-Peak	Average				
0.15 ~ 0.50	66 to 56 *	56 to 46 *				
0.5 ~ 5.0	56	46				
5 ~ 30	60	50				

* Decreases with the logarithm of the frequency

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

Test Procedure

- 1. The EUT is placed on a wooden table 80 cm above the reference ground plane.
- 2. The EUT is connected via LISN to the test power supply.
- 3. The measurement results are obtained as described below:
- 4. Detectors Quasi Peak and Average Detector.
- Test Results: NA

9. LIST OF TEST EQUIPMENT

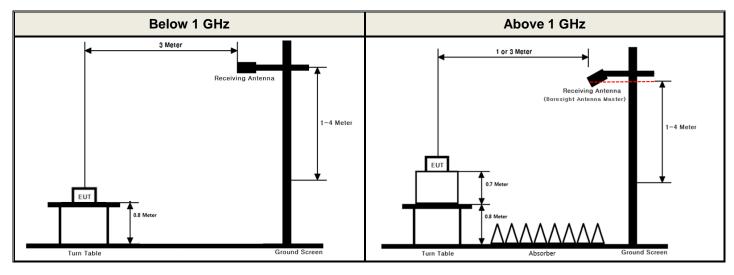
Туре	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next.Cal.Date (yy/mm/dd)	S/N	
Spectrum Analyzer	Agilent Technologies	N9020A	19/12/16	20/12/16	MY50410357	
Spectrum Analyzer	Agilent Technologies	N9020A	19/12/16	20/12/16	MY48011700	
Spectrum Analyzer	Agilent Technologies	N9020A	20/06/24	21/06/24	US47360812	
DC Power Supply	Agilent Technologies	66332A	20/06/24	21/06/24	US37473422	
DC Power Supply	SM techno	SDP30-5D	20/06/24	21/06/24	305DMG305	
Multimeter	FLUKE	17B	19/12/16	20/12/16	26030065WS	
Signal Generator	Rohde Schwarz	SMBV100A	19/12/16	20/12/16	255571	
Signal Generator	ANRITSU	MG3695C	19/12/16	20/12/16	173501	
Thermohygrometer	BODYCOM	BJ5478	19/12/18	20/12/18	120612-1	
Thermohygrometer	BODYCOM	BJ5478	19/12/18	20/12/18	120612-2	
Thermohygrometer	BODYCOM	BJ5478	20/07/01	21/07/01	N/A	
Loop Antenna	ETS-Lindgren	6502	19/09/18	21/09/18	00226186	
BILOG ANTENNA	Schwarzbeck	VULB 9160	19/04/23	21/04/23	9160-3362	
Horn Antenna	ETS-Lindgren	3115	20/01/30	21/01/30	6419	
Horn Antenna	Schwarzbeck	BBHA 9120C	19/12/04	20/12/04	9120C-561	
Horn Antenna	A.H.Systems Inc.	SAS-574	20/06/24	21/06/24	155	
PreAmplifier	tsj	MLA-0118-B01-40	19/12/16	20/12/16	1852267	
PreAmplifier	tsj	MLA-1840-J02-45	20/06/24	21/06/24	16966-10728	
PreAmplifier	H.P	8447D	19/12/16	20/12/16	2944A07774	
High Pass Filter	Wainwright Instruments	WHKX12-935-1000- 15000-40SS	20/06/24	21/06/24	8	
High Pass Filter	Wainwright Instruments	WHKX10-2838-3300- 18000-60SS	20/06/24	21/06/24	1	
High Pass Filter	Wainwright Instruments	WHNX8.0/26.5-6SS	20/06/24	21/06/24	3	
Attenuator	Hefei Shunze	SS5T2.92-10-40	20/06/24	21/06/24	16012202	
Attenuator	SRTechnology	F01-B0606-01	20/06/24	21/06/24	13092403	
Attenuator	Aeroflex/Weinschel	56-3	20/06/24	21/06/24	Y2370	
Attenuator	SMAJK	SMAJK-2-3	20/06/24	21/06/24	2	
Attenuator	SMAJK	SMAJK-50-10	20/06/24	21/06/24	15081903	
Power Meter & Wide Bandwidth Sensor	Anritsu	ML2496A MA2490A	19/12/16	20/12/16	1338004 1249303	
Power Meter Wide Bandwidth Sensor	Agilent Technologies	N1911A N1921A	20/06/24	21/06/24	MY53360016 MY53360018	
EMI Test Receiver	ROHDE&SCHWARZ	ESR	19/12/17	20/12/17	101767	
Cable	Junkosha	MWX241	20/01/13	21/01/13	G-04	
Cable	Junkosha	MWX241	20/01/13	21/01/13	G-07	
Cable	DT&C	Cable	20/01/13	21/01/13	G-13	
Cable	DT&C	Cable	20/01/13	21/01/13	G-14	
Cable	HUBER+SUHNER	SUCOFLEX 104	20/01/13	21/01/13	G-15	
Cable	Radiall	TESTPRO3	20/01/16	21/01/16	M-01	
Cable	Junkosha	MWX315	20/01/16	21/01/16	M-05	
Cable	Junkosha	MWX221	20/01/16	21/01/16	M-06	
Cable	Radiall	TESTPRO3	20/01/16	21/01/16	RF-92	
Test Software	Tsj	Radiated Emission Measurement	N/A	N/A	Version 2.00.0177	

Note 1: The measurement antennas were calibrated in accordance to the requirements of ANSI C63.5-2017 Note 2: The cable is not a regular calibration item, so it has been calibrated by DT & C itself.

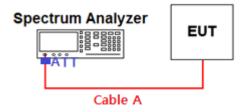
APPENDIX I

Test set up diagrams

Radiated Measurement



Conducted Measurement



Path loss information

Frequency (GHz)	Path Loss (dB)	Frequency (GHz)	Path Loss (dB)		
0.03	9.43	15	11.47		
1	9.82	20	12.26		
2.412 & 2.437 & 2.462	10.08	25	12.70		
5	10.35	-	-		
10	10.50	-	-		

Note 1: The path loss from EUT to Spectrum analyzer was measured and used for test. Path loss (S/A's correction factor) = Attenuator+Cable A

APPENDIX II

Duty cycle plots

Test Procedure

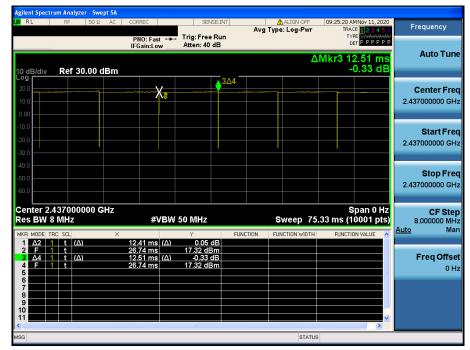
Duty Cycle was measured using section 6.0 b) of KDB558074 D01V05R02 :

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW \geq OBW if possible; otherwise, set RBW to the largest available value. Set VBW \geq RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are > 50 / T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T \leq 16.7 microseconds.)

Duty Cycle

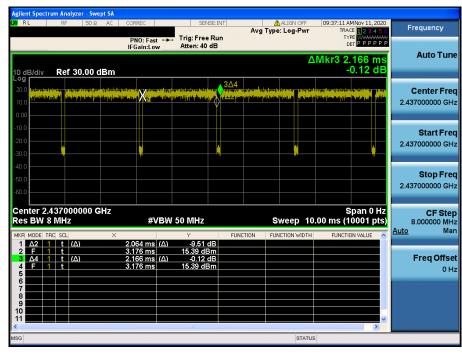
TM 1 & Middle



TM 2 &

& Middle

Duty Cycle



& Middle

TM 3

RL SENSE:INT ALIGN OFF Avg Type: Log-Pwr 10:04:18 AMNov 11, 2020 Frequency Trig: Free Run Atten: 40 dB DET PPPP PNO: Fast IFGain:Low Auto Tune ΔMkr3 2.022 ms -0.54 dB Ref 30.00 dBm **Center Freq** 2.437000000 GHz Start Freq 2.437000000 GHz Stop Freq 2.437000000 GHz Center 2.437000000 GHz Res BW 8 MHz Span 0 Hz Sweep 10.00 ms (10001 pts) CF Step 8.000000 MHz Man #VBW 50 MHz <u>Auto</u> FUNCTION 1.49 dB 14.98 dBm -0.54 dB 14.98 dBm (Δ) (Δ) 1 t (Δ) 1 t Freq Offset ms (∆) 0 Hz STATUS

Duty Cycle

TM 4

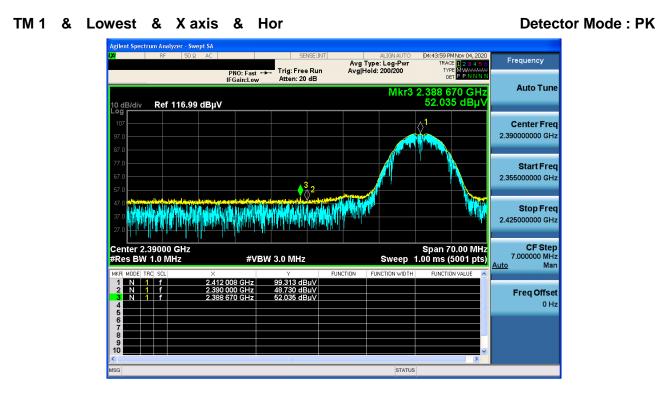
& Middle

Duty Cycle

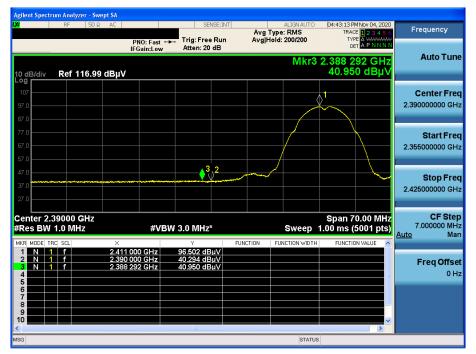
RL	RF 50 Ω	Р	RREC NO:Fast ↔ Gain:Low				ALIGN OFF : Log-Pwr	12:03:50 PM TRACE TYPE DET	Nov 11, 2020 1 2 3 4 5 6 WWWWWWW P P P P P P P	Frequency
dB/div R	tef 30.00 d		ounicow.				Δ	Mkr3 1.00	046 ms .12 dB	Auto Tur
99 3.0 3.0 .00	filmen (lasta)						ta fan fantari di Maria Maria Jalenska kije	providenti e provide la		Center Fr 2.437000000 G
).0).0).0	<u>,</u>				Nr.				A Contraction of the second se	Start Fr 2.437000000 G
).0).0).0										Stop Fr 2.437000000 G
enter 2.437 es BW 8 M	Hz		#VBV	/ 50 MHz			· ·	Sp 000 ms (10 FUNCTION		CF Sto 8.000000 M Auto M
1 Δ2 1 2 F 1	t (Δ) t (Δ) t (Δ) t (Δ)	3.2 1.0	14.0 μs (Δ) 234 ms 046 ms (Δ) 234 ms	Y 6.32 7.71 dE -0.12 7.71 dE	dB 3m dB	CTION FUT	NCTION WIDTH	FUNCTION	VALUE	Freq Offs 0
7 B 9 0 1 1										
3						_	STATU			

APPENDIX III

Unwanted Emissions (Radiated) Test Plot



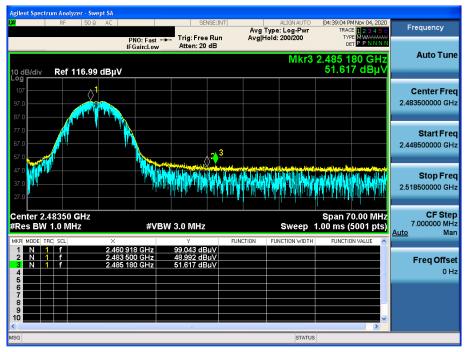
TM 1 & Lowest & X axis & Hor



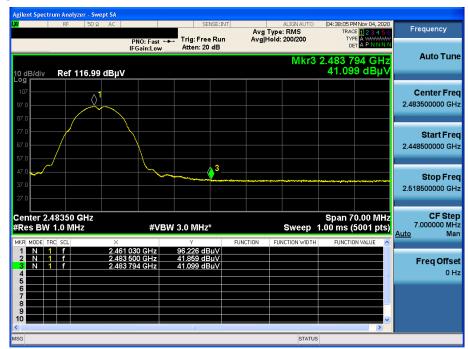
Detector Mode : PK



TM 1 & Highest & X axis & Hor

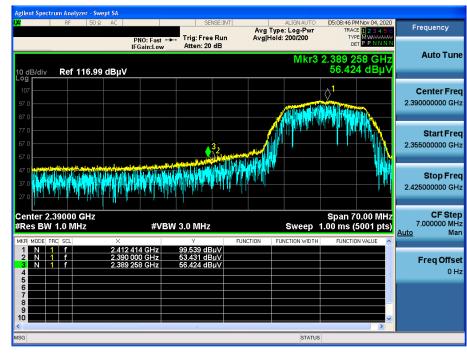


TM 1 & Highest & X axis & Hor



TM 2 & Lowest & X axis & Hor





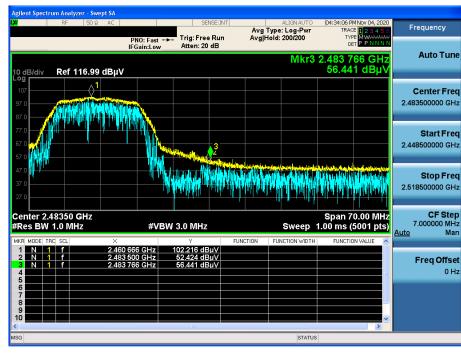
TM 2 & Lowest & X axis & Hor

Frequency Avg Type: RMS Avg|Hold: 200/200 Trig: Free Run Atten: 20 dB TYF PNO: Fast IFGain:Low Auto Tune Mkr3 2.389 636 GH: 45.609 dBu Ref 116.99 dBµV **Center Freq** 2.39000000 GHz Start Freq 2.355000000 GHz **Stop Freq** 2.425000000 GHz Center 2.39000 GHz #Res BW 1.0 MHz Span 70.00 MHz 1.00 ms (5001 pts) CF Step 7.000000 MHz #VBW 3.0 MHz* Sweep <u>Auto</u> Mar FUN 91.873 dBµ\ 45.356 dBµ\ 45.609 dBµ\ Freq Offset 0 Hz STATUS



TM 2 & Highest & X axis & Hor



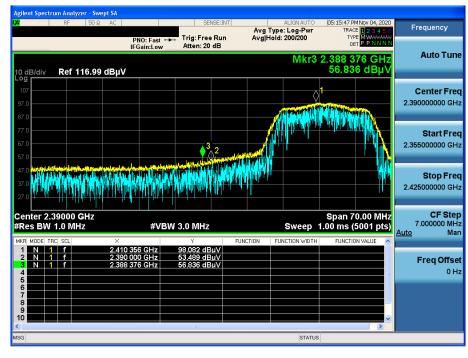


TM 2 & Highest & X axis & Hor



TM 3 & Lowest & X axis & Hor



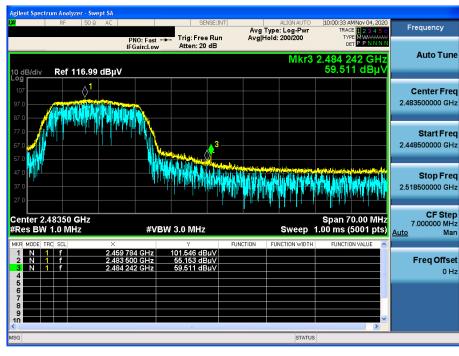


TM 3 & Lowest & X axis & Hor



TM 3 & Highest & X axis & Hor



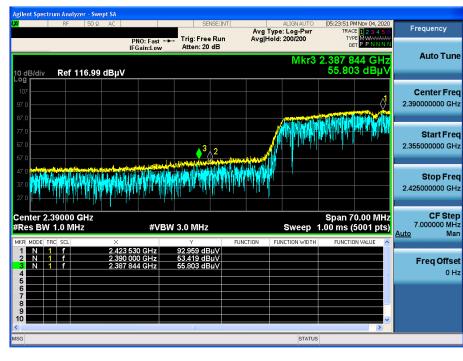


TM 3 & Highest & X axis & Hor



TM 4 & Lowest & X axis & Hor



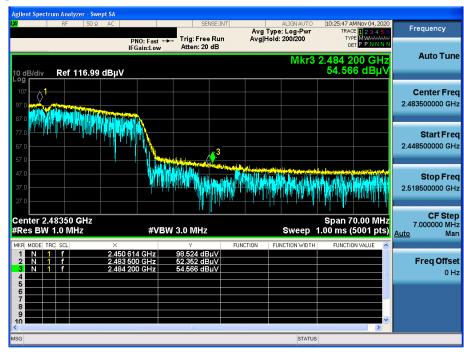


TM 4 & Lowest & X axis & Hor

Frequency Avg Type: RMS Avg|Hold: 200/200 Trig: Free Run Atten: 20 dB PNO: Fast IFGain:Low Auto Tune Mkr3 2.389 734 GH 45.921 dBµ Ref 116.99 dBµV **Center Freq** 2.39000000 GHz \Diamond^1 Start Freq 2.355000000 GHz 3 **Stop Freq** 2.425000000 GHz Center 2.39000 GHz #Res BW 1.0 MHz Span 70.00 MHz 1.00 ms (5001 pts) CF Step 7.000000 MHz #VBW 3.0 MHz* Sweep <u>Auto</u> Mar FUN 85.389 dBµ\ 45.301 dBµ\ 45.921 dBµ\ Freq Offset 0 Hz STATUS

TM 4 & Highest & X axis & Hor





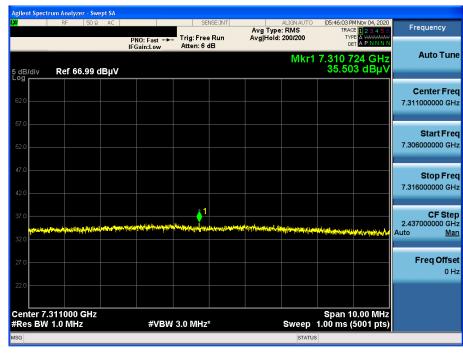
TM 4 & Highest & X axis & Hor



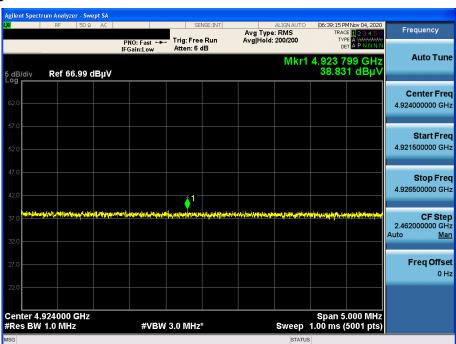


TM 1 & Middle & X axis & Hor





TM 2 & Highest & X axis & Hor



TM 3 & Highest & X axis & Hor

🛈 Dt&C





TM 4 & Lowest & X axis & Hor

