

Agilent Spectrum Analyzer - Swept SA				
RL RF 50 ₽ ▲ DC Center Freq 15.075000 N	Hz	Avg Type: RMS	11:40:50 AMNov 14, 2019 TRACE 2 3 4 5	Frequency
	PNO: Fast Trig: Free Run IFGain:Low #Atten: 10 dB	Avg Hold: 10/10	DET A N N N N N	12.0.2
			Mkr1 150 kHz	Auto Tune
10 dB/div Ref 0.00 dBm			-47.197 dBm	
165				Center Freq
-10.0			الحدادي	15.075000 MHz
-20,0				-
-30.0				Start Freq 150.000 kHz
-50.0			-33.00 <del>cen</del>	
-40.0				Stop Freq
-50.0				30.000000 MHz
				CF Step
-60.0				2.985000 MHz
-70.0 Martin de Million de Louis		are the standard and the state of the state of the	under and executive starter	<u>Auto</u> Man
-80.0	an lead and see the start of the second s	Nel of the local distance of the second of	a some and a quetter biss the	Freq Offset
				0 Hz
0.09				
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Swoon	Stop 30.00 MHz 368 ms (6001 pts)	



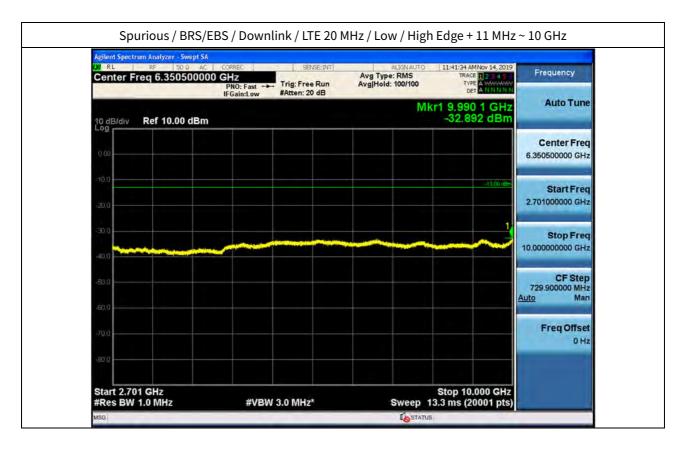
Center Freq 1.25750	PNO: Fast>	Trig: Free Run	Avg Type: RMS Avg[Hold: 10/10	11:40:58 AM Nov 14, 2019 TRACE 2 3 4 5 TYPE A MAXAMMA DET A N N N N N	Frequency
10 dB/div Ref 0.00 dE	IFGain:Low	#Atten: 16 dB	Mki	1 2.478 37 GHz -36.603 dBm	Auto Tune
=i0,0				-13,00 d <b>e</b> m	Center Freq 1.257500000 GHz
-30.0				1	Start Freq 30.000000 MHz
40.0	tura di terra la bata per per del a s	a ba a cha a children da la cia bind mha Tao tao children a chil	and the state of t	and the second of the second	Stop Freq
-60.0	C C T T T T T T T T T T T T T T T T T T		an an de al presentes		2,485000000 GHz CF Step 245,500000 MHz
					CF Step

Center Freq 2.490000000		ALIGNAUTO Avg Type: RMS Avg Hold: 10/10	11:41:05 AMNov 14, 2019 TRACE 2 3 4 5 3 TYPE A MMMMMM DET A N.N.N.N.N	Frequency
10 dB/div Ref 20.00 dBm		Mkr	2.491 68 GHz -34.867 dBm	Auto Tune
t0.0				Center Freq 2.490000000 GHz
0.00				Start Freq 2.485000000 GHz
-20.0		1	-23 00 æm	Stop Freq 2.495000000 GHz
-40.0 mmm/mmm/mmm/m	www.www.www.	homer hall and		CF Step 1.000000 MHz <u>Auto</u> Man
-60.0				Freq Offset 0 Hz
700 Start 2.485000 GHz #Res BW 100 kHz	#VBW 300 kHz*	s	top 2.495000 GHz 1.27 ms (1001 pts)	

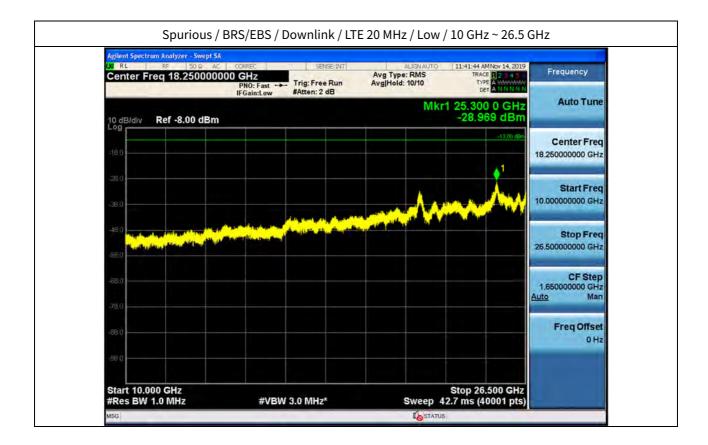




00 RL RF 509 AC Center Freq 2.69600000	COPREC IO GHZ PNO: Wide ↔ IFGain:Low	a	Run A	ALIGN Avg Type: RM vg Hold: 10/1		AMNov 14, 2019 ACE 2 3 4 5 0 YPE A MANAMAN DET A N N N N N	Frequency
10 dB/div Ref 20.00 dBm					Mkr1 2.69 -32.	3 16 GHz 902 dBm	Auto Tune
10.0							Center Fred 2.696000000 GHz
0.00 -10.0							Start Freq 2.691000000 GHz
-20.0						-23 00 dem	Stop Freq 2.701000000 GHz
.so.0 how phy man h	www.	mmm	mm	wwwww	www.har	mmp	CF Step 1.000000 MHz <u>Auto</u> Man
-60. Q							Freq Offset 0 Hz
-70 a							

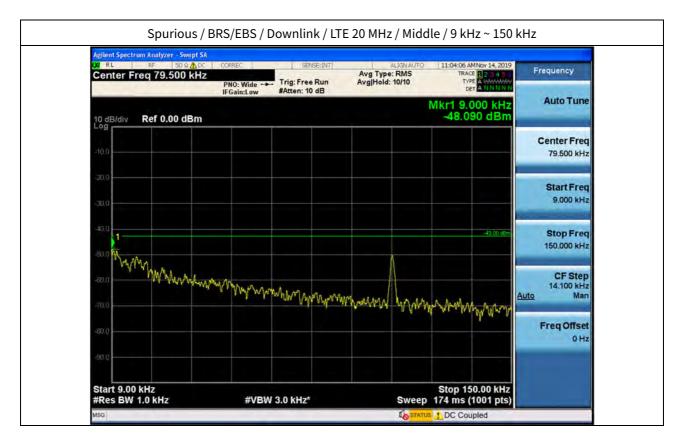












07 RL RF 50 G▲DC Center Freq 15.075000 MH		Aug Type: RMS Avg Hold: 10/10	11:04:19 AMNov 14, 2019 TRACE 12:3:45 TYPE A MANANA DET A N N N N N	Frequency
10 dB/div Ref 0.00 dBm			Mkr1 150 kHz -48.409 dBm	Auto Tune
-10,0				Center Freq 15.075000 MHz
-30.0			-33 00 <del>cEm</del>	Start Freq 150,000 kHz
-40.0				Stop Freq 30.000000 MHz
-60.0	Alter d'Alter de state lint find wit ster e sont en state de	e had som en som attel for bet an ve hore b		CF Step 2.985000 MHz <u>Auto</u> Man
-20.0	n 1999 - Marine Japonson, de stanne (h. f. nate (h. f. nater) Nater (h. f. nater (h. f. nater (h. f. nater)	an in an an air is an air in an ai	A CONTRACTOR OF CONTRACTOR	Freq Offset 0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*		Stop 30.00 MHz 368 ms (6001 pts)	

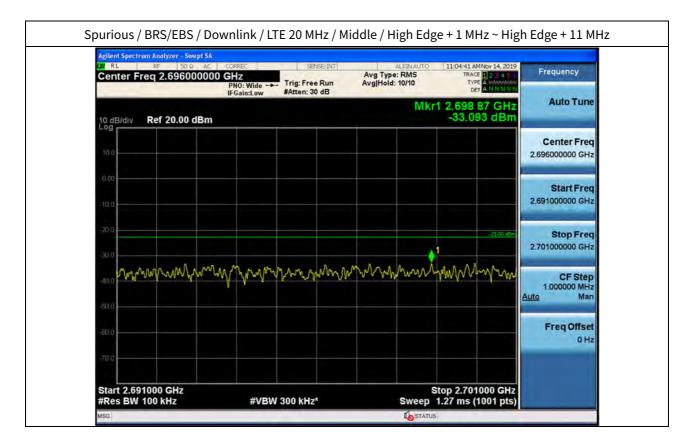


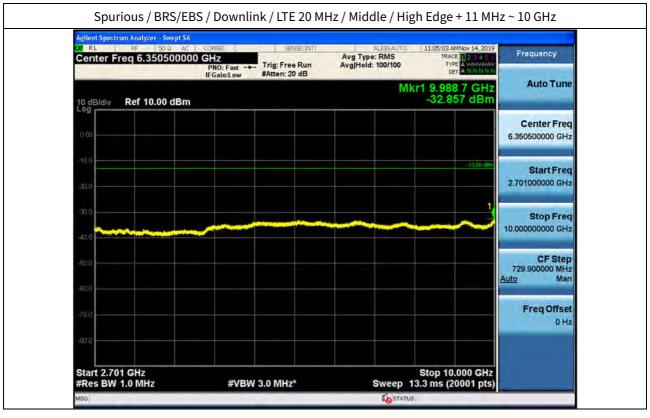


Center Freq 1.20000	PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 16 dB	Avg Type: RMS Avg Hold: 10/10	11:04:27 AMNov 14, 2019 TRACE 1 2 3 4 5 TYPE A WWWWWA DET A N N N N N	Frequency
10 dB/div Ref 0.00 dBr		WALLEN. TO VIL	Mk	r1 1.996 34 GHz -36.973 dBm	Auto Tune
-10.0				-13,00 <del>cpr</del> .	Center Fred 1.259500000 GH:
-30.0				1	Start Freq 30.000000 MHz
40.0 -50.0 <b></b>	and constitute of these and constitute of these		an an an tha a tha an	And An and An and a start of the start of th	Stop Freq 2,489000000 GHz
2010 Health Juliandad as burda					Recorded to any
-80.0					CF Step 245.900000 MHz Auto Man
					245.900000 MHz

Center Freq 2.49400000	CORREC SENSE:INT DO GHz PNO: Wide IFGain:Low #Atten: 30 dB	Avg Type: RMS	4 AMNov 14, 2019 RACE 1 2 3 4 5 TYPE A MININININI DET A NININININI
10 dB/div Ref 20.00 dBm	í.	Mkr1 2.48 -35	9 53 GHz Auto Tune 516 dBm
10.0			Center Freq 2.494000000 GHz
-10.0			Start Freq 2.489000000 GHz
-20.0			
-30.0 may My Aman	wandrestand	man white and the second	W/M/M/M/ 1.000000 MHz Auto Man
-60.0			Freq Offset 0 Hz
70 0 Start 2.489000 GHz #Res BW 100 kHz	#VBW 300 kHz*	Stop 2.4 Sweep 1.27 m	99000 GHz

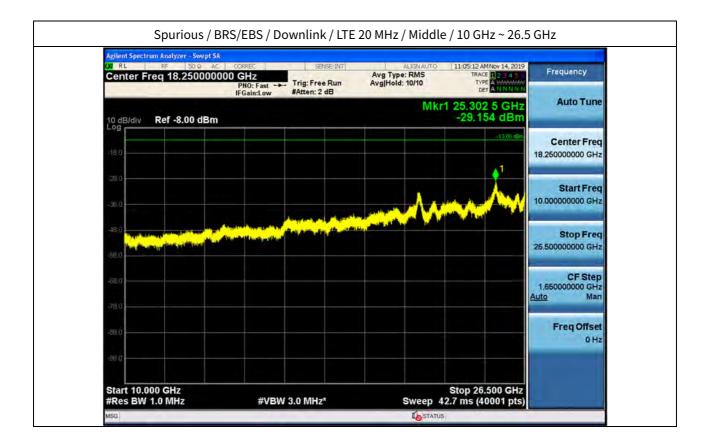




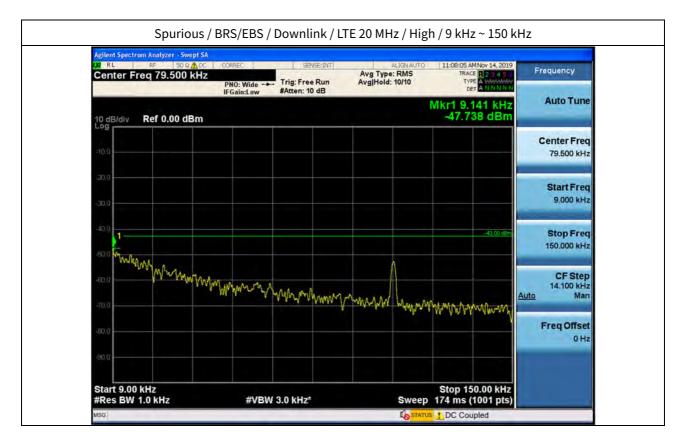








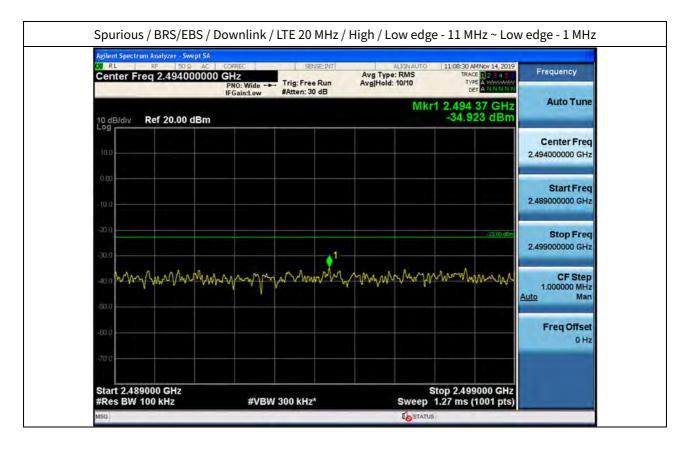




07 RL RF 50.9 ▲ DC Center Freq 15.075000 N	PNO: Fast Tr	ig: Free Run tten: 10 dB	Avg Type Avg Hold:		TRA	MNov 14, 2019 CE 1 2 3 4 5 0 PE A MARAMAN ET A NNNNN	Frequency
10 dB/div Ref 0.00 dBm						150 kHz 78 dBm	Auto Tune
-10.0							Center Freq 15.075000 MHz
-30.0						-33.00 đếm	Start Freq 150.000 kHz
-40.0 -50.0							Stop Freq 30.000000 MHz
-60.0							CF Step 2.985000 MHz <u>Auto</u> Man
-70.0				a har and			Freq Offset 0 Hz
Start 150 kHz						0.00 MHz	

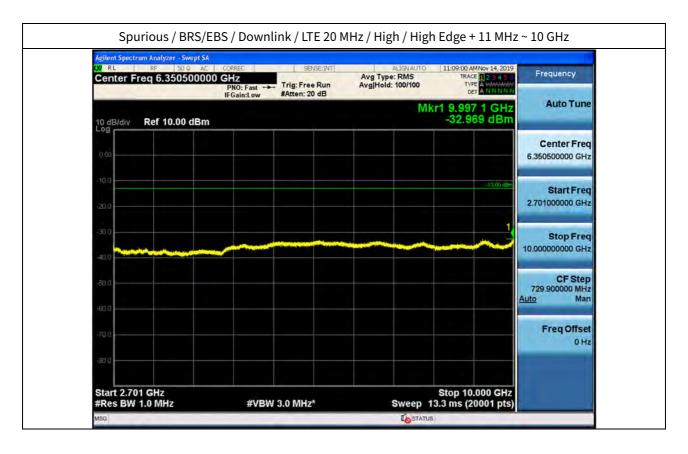


Center Freq	1.25950000	CORREC D GHZ PNO: Fast ↔ IFGain:Low			Avg Type: F Avg Hold: 10	IMS 110	TRACI	Nov 14, 2019	Frequency
	ef 0.00 dBm					Mkr1		19 GHz 21 dBm	Auto Tune
-10.0								-13,00 đếm	Center Fred 1.259500000 GHz
-20.0								1	Start Free 30.000000 MHz
-40.0	historican and states at a	a share a share	Here was to be a set of	NATIONAL STORAGE		perdudon	a di allamatat	daugher ein th	Stop Fred
-50.0 Landshirt	The spectra in particular	in orthogen a longer	and along	a filor of the	Mana West.	MAR (Manaka	Index in the	dillo dada.	2,489000000 GHz
-50.0	ntersenter beter det uniter	ist part of any of	A CONTRACTOR OF CONTRACTOR	1 filorool a taa			labitation	Liller starts	2.489000000 GH2 CF Step 245.900000 MH2 Auto Mar
-60.0	n tradición a felicit di prise	(6)) 294 (2, 204) A Å myrd			Hears West.		leb ( du		CF Step 245.900000 MHz

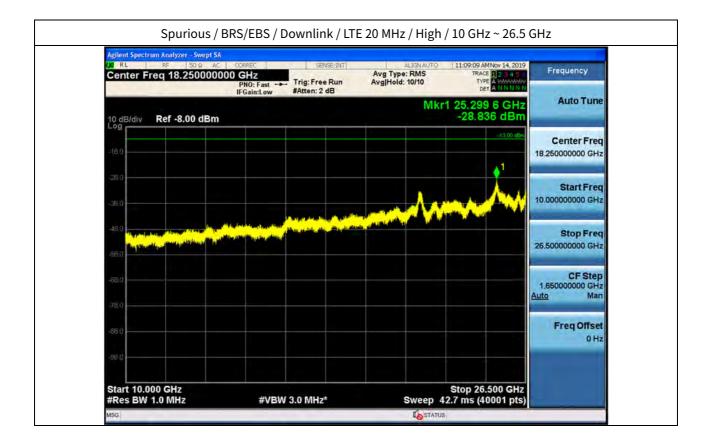




02 RL RF 50.9 AC Center Freq 2.69600000	PNO: Wide Trig	SENSE:INT Free Run en: 30 dB	Avg Type: R Avg Hold: 10	MS	8:37 AMNov 14, 2019 TRACE 2 3 4 5 0 TYPE A MANAMAN DET A N N N N N	Frequency
10 dB/div Ref 20.00 dBm					91 81 GHz 2.916 dBm	Auto Tune
to 0						Center Free 2.696000000 GH:
0.00 -10.0						Start Freq 2.691000000 GHz
-20.0					-23 00 cem	Stop Freq 2.701000000 GHz
	w manyappe	mon	manna	Mummy	mmmm	CF Step 1.000000 MHz Auto Man
-80.0						Freq Offset
70 G						0112

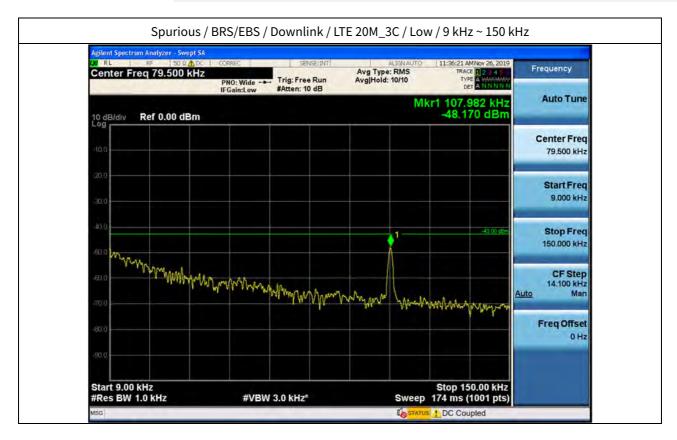








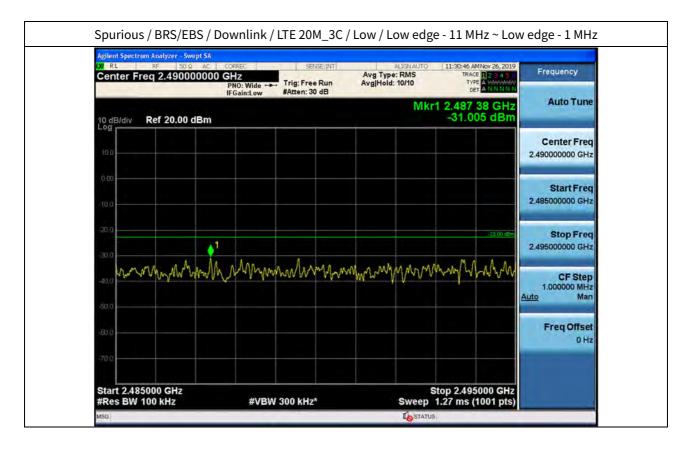




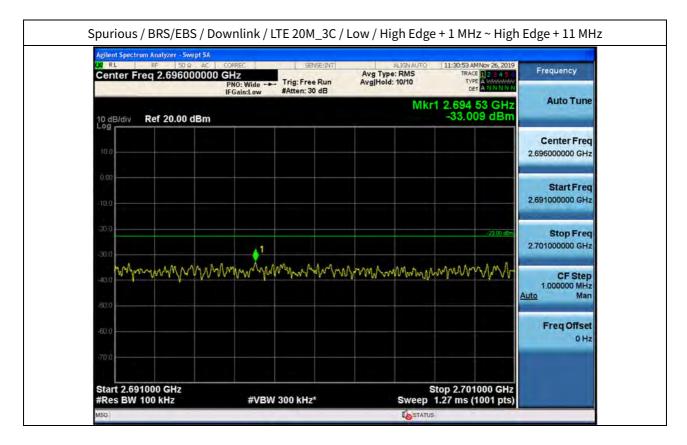
00 RL RF 50 2 ADC Center Freq 15.075000				11:30:31 AMNov 26 TRACE 2 3 TYPE A MM DET A NN	Frequency
10 dB/div Ref 0.00 dBm				Mkr1 150 H -48.540 d	KHz Auto Tune Bm
-10.0					Center Freq 15.075000 MHz
-20.0				-33/	Start Freq 150.000 kHz
-40.0					Stop Freq 30.000000 MHz
-60 à					CF Step 2.985000 MHz Auto Man
-70.0 - <b>Ministry of Data in Struct</b> Solo	an a	n det som	ter and the second s		Freq Offset
-90.0					



Center Freq 1.2575	PNO: Fas		Run Avg Ho	ALIGNAUTO ype: RMS old: 10/10	11:30:38 AMNov 26, 2019 TRACE 2 3 4 5 TYPE A MANANA DET A N N N N	Frequency
10 dB/div Ref 0.00 d	IFGain:Lo	w #Atten: 16	dB	Mkr1	2.481 81 GHz -24.055 dBm	Auto Tune
-10.0					-13,00 dBm	Center Fred 1.257500000 GHz
-30.0					1	Start Free 30.000000 MHz
-40.0	hand the second seco	transfer and the state of the	a second energy in the station of the	and the second	to equality and see to a second	Stop Fred
ann battariation dat shiris	William and a provide and a state	applied lefthand	en an de se grander an de se	anglastingial and	which when the second and	2.48500000 GH
-60.0	iyekaran ja veriki calansi.	antoni, estructure		allafente i alla fastige	anna parti a faran yan	2.485000000 GH2 CF Step 245.500000 MH2
-50.0 14(11)111111111111111111111111111111111		er hitsen i se da temptat	nn an star far far far far far far far far far f	analasti sette etti setti s		2.485000000 GH2 CF Step 245.500000 MH2

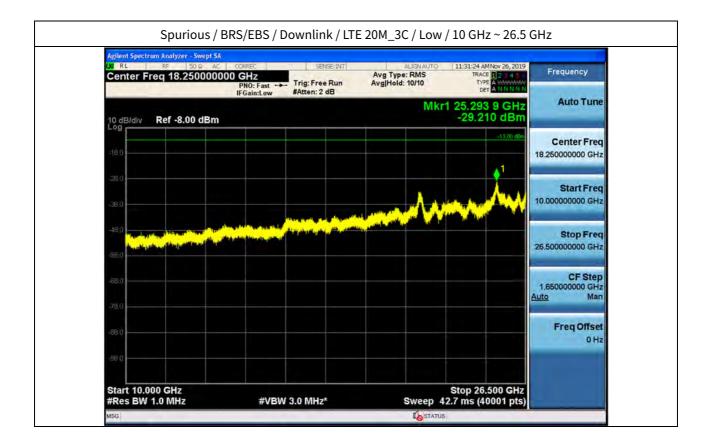




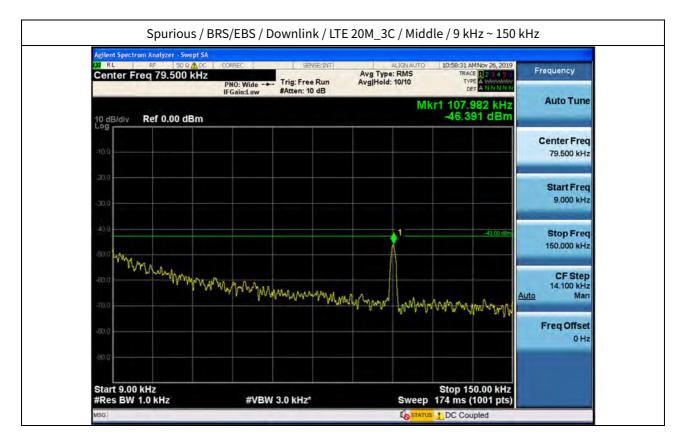












PNO: Fast Trg: Free Run Avg Hold: IFGain:Low #Atten: 10 dB	1000	DET A N N N N N	
		Mkr1 150 kHz	Auto Tune
10 dB/div Ref 0.00 dBm		-50.417 dBm	
+10.0			Center Freq 15.075000 MHz
-20.0			Start Freq 150.000 kHz
		-33,00 <del>(C</del> n	
-40.0			Stop Freq 30.000000 MHz
-80.0		and the second	CF Step 2.985000 MHz Auto Man
	in all dramating	ter part of the second second	Man
-80.0			Freq Offset 0 Hz
90.0			

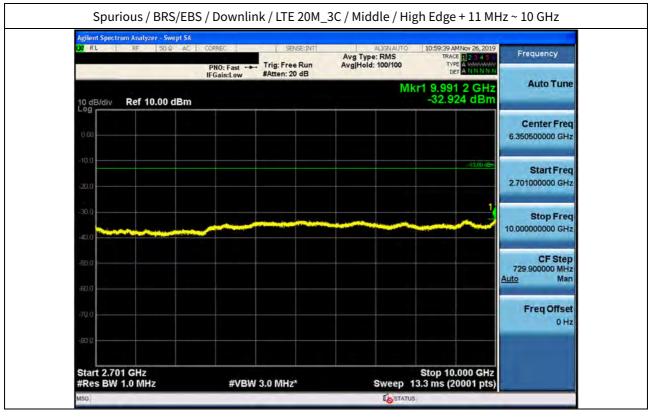


(X) RL   RF   50.Ω	AC   CORREC	SENSE:INT	ALIGN AUTO Avg Type: RMS	10:59:03 AMNov 26, 2019 TRACE 2 3 4 5 0	Frequency
	PNO: Fast	Trig: Free Run #Atten: 16 dB	Avg Hold: 10/10	DET A N.N.N.N.N	and and a second
10 dB/div Ref 0.00 dBr	n		Mkr	1 2.486 42 GHz -35.868 dBm	Auto Tune
-10.0				-13,00 <del>đe</del> n	Center Fred 1.259500000 GH:
-20.0					Start Free 30.000000 MHz
-30,0				1)	30.00000 MH2
-40.0		a contractor dans	una an distance believe house the	unit a la partit de la fait de la	Otors Eres
-40.0 An Manutardia Anta Milanda -50.0 Anta Milanda (Milanda)	na faladan gana palabahan Mana kana kana kana kana kana kana kana	transferreter and the second secon Interaction of the second s	uningen förtaga kakkan kommunision Sign förtasionen göra sydge börar fö	lar Historia vela larka lavit kasan Lar Historia vela larka lavit kasan	Stop Free 2,489000000 GHz
-40.0 -50.0 <u>***********************************</u>	and the second	Energenyen (an son an onder de Herpise for Mark Amerikanis of a for	nor en fron på det skonsteller Mysk på det kongerspille gener fi	anto va ana anto anton Tripo di anto antoni	2.489000000 GH2 CF Step 245.900000 MH2
50.0 aufiniarily and a start	a fala ana ana ana ana ana ana ana ana ana	a yang dagan di san	nde werden ook de gester het de oorde Gever het de de de gester het de oorde nie werde de d	an track and a local and a	2.499000000 GH2 CF Step 245.900000 MH2 <u>Auto</u> Mar
-50.0 <mark></mark>	na na na manana na manakiki na pikana na manangan ka na	angang kanyan (ana ang ang ang ang ang <mark>happan (</mark> an kang pangan) pa ka ka	nden en dissen på det i det i det som det det Gener ja til beden en gener på gener for	an in a shara an a shara a shara a an in a shara a shara a shara a shara a	2.489000000 GH2 CF Step 245.900000 MH2

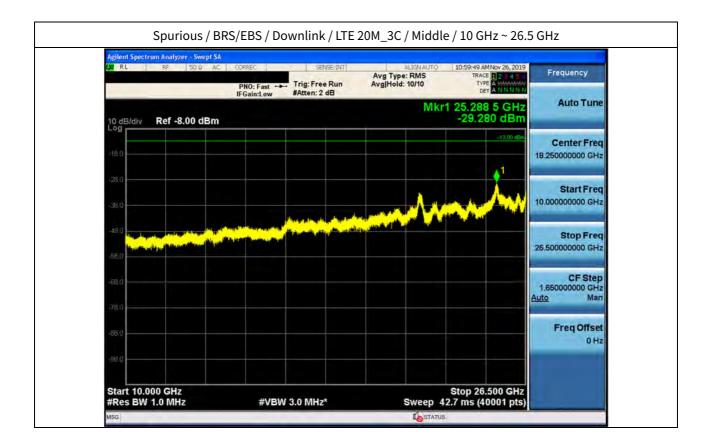
X0 RL   RF  50.Q AC	PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB	ALIGNAUTO Avg Type: RMS Avg Hold: 10/10	10:59:11 AMNov 26, 2019 TRACE 2 3 4 5 0 TYPE A MARAMAN DET A N N N N	Frequency
10 dB/div Ref 20.00 dBm		Mkr1	2.496 90 GHz -35.770 dBm	Auto Tun
to.0				Center Fre 2.494000000 GH
10.0				Start Fre 2,489000000 GH
20.0			-23 00 <del>ce</del> m	Stop Fre 2.499000000 GH
	Manumenter	mummin	¥	CF Step 1.000000 MH Auto Ma
50.0				Freq Offse 0 H
570 0 Start 2.489000 GHz		Ste	op 2.499000 GHz	















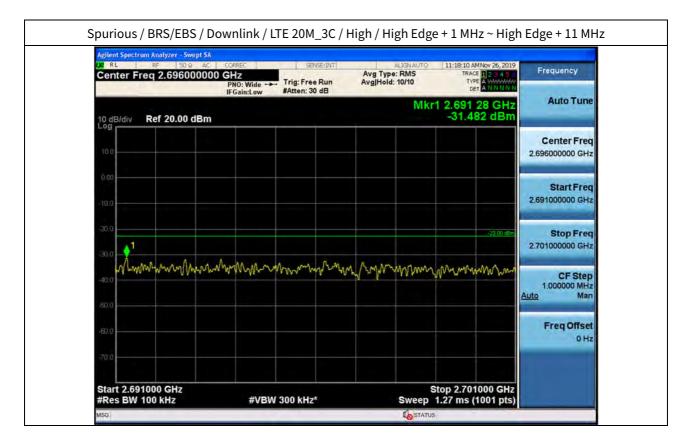
Center Freq 15.075000			11:17:48 AMNov 26, 2019 TRACE 1 2 3 4 5 TYPE A MARAMA DET A N.N.N.N.	Frequency
10 dB/div Ref 0.00 dBm	i sumesti		Mkr1 150 kHz -48.317 dBm	
=10.0				Center Freq 15.075000 MHz
-30.0			-33.00 <del>(En</del>	Start Freq 150.000 kHz
-40,0				Stop Freq 30.000000 MHz
-60.0	. m. li ni	and a back		CF Step 2.985000 MHz Auto Man
-60.0	elentitisenteksettisen en ja karakterisentekset en ja ander som en ja ander som en ja ander som en ja ander so Ander som en som en som en som en ja ander som e	ten and a second second	en bener her en en berenden en ber	Freq Offset 0 Hz
Start 150 kHz	#VBW 30 kHz*		Stop 30.00 MHz 368 ms (6001 pts)	

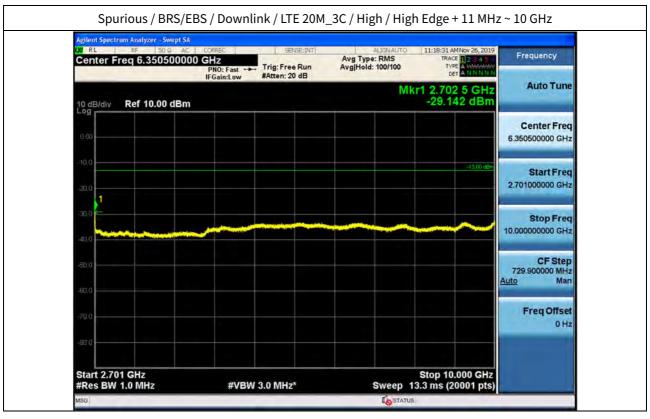


Center Freq 1.25950	PNO: Fast ++	SENSE:INT	Avg Type: RMS Avg Hold: 10/10	11:17:55 AM Nov 26, 2019 TRACE 1 2 3 4 5 TYPE A WAVAWAY DET A N N N N N	Frequency
10 dB/div Ref 0.00 dB	IFGain:Low	#Atten: 16 dB	Mki	1 2.486 91 GHz -35.489 dBm	Auto Tune
-10.0				-13,00 dēm	Center Fred 1.259500000 GHz
-30.0				1	Start Freq 30.000000 MHz
-40.0 10 00 10 10 10 10 10 10 10 10 10 10 10 1	namen alter och sin son för standa för Alt bragger det blad oppensationer att son	<mark>Alexandra and an </mark>	laha bertenden dari dari dari dari bertende Milanda barbat dari seringan seringan (1911)	de belande and de se disseland Arte Kepline per generatier	Stop Freq 2,489000000 GHz
-40.0 100 000 100 000 100 000 000 -60.0 -70.0	n an ann an Ann an Ann Ann Ann Ann Ann A	an na sana ang ang ang ang ang ang ang ang ang	lan kine konstansk porten av stansk forsk for Men de konstansk forsk	na bakana na dana di sa dina Mana da pakana na pana sa dina sa Mana sa dina s	
-50.0 <mark>100.40.000 (10.000) (10.000)</mark> -60.0	en en entre der andere state Presignet en entre state	an na sana an tao an tao an tao an tao an Ang tao ang tao Ang tao ang tao	la si na maka si na kata si na kat Mana di kata si na kata Mana di kata si na kata	ne belende om den stelet <mark>und</mark> er forset et glende stelet in for	2.489000000 GHz CF Step 245.900000 MHz

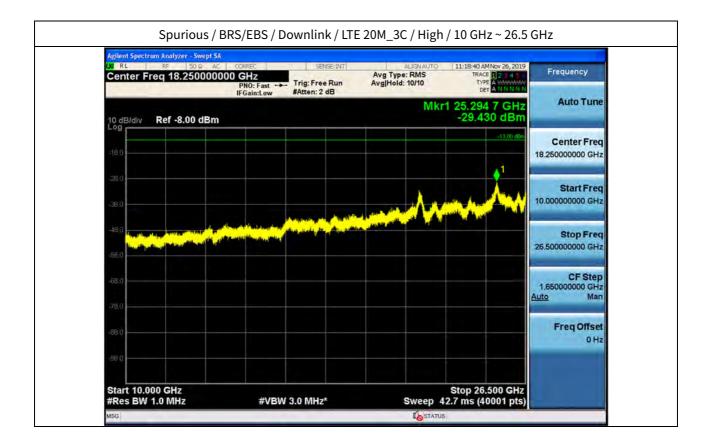
00 RL RF 509 AC Center Freq 2.49400000		ALIGNAUTO Avg Type: RMS Avg Hold: 10/10	11:18:02 AMNov 26, 2019 TRACE 2 3 4 5 9 TYPE A WARMAN DET A N.N.N.N.N	Frequency
10 dB/div Ref 20.00 dBm		Mkr1	2.489 46 GHz -35.167 dBm	Auto Tune
10.0				Center Freq 2.494000000 GHz
-10.0				Start Freq 2.489000000 GHz
-20.0			-23 00 cēm	Stop Freq 2.499000000 GHz
-40.0 WWWWWWWWW	And man when the solution	Munnhour		CF Step 1.000000 MHz <u>Auto</u> Man
-60.0				Freq Offset 0 Hz
Start 2.489000 GHz #Res BW 100 kHz		S	top 2.499000 GHz	



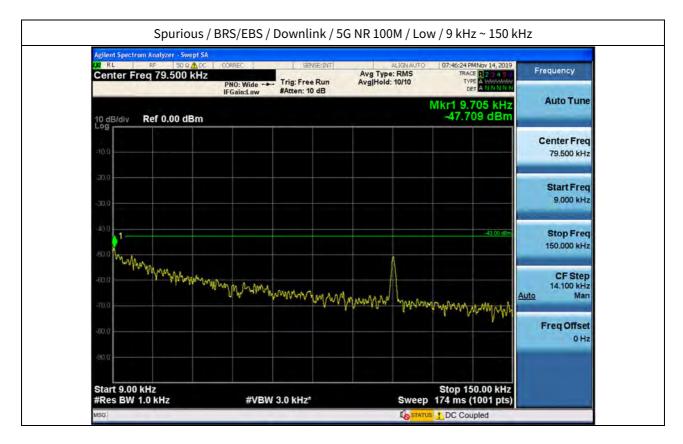


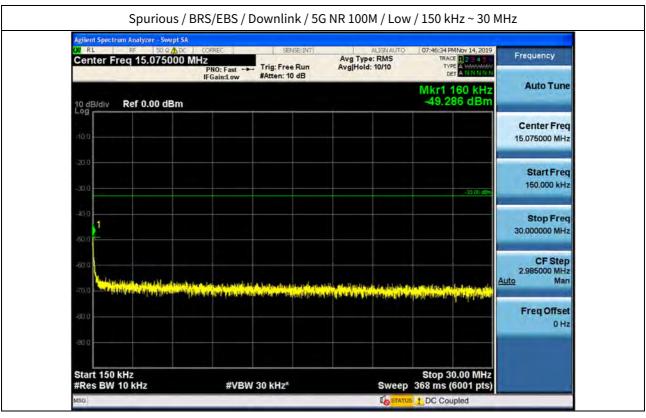










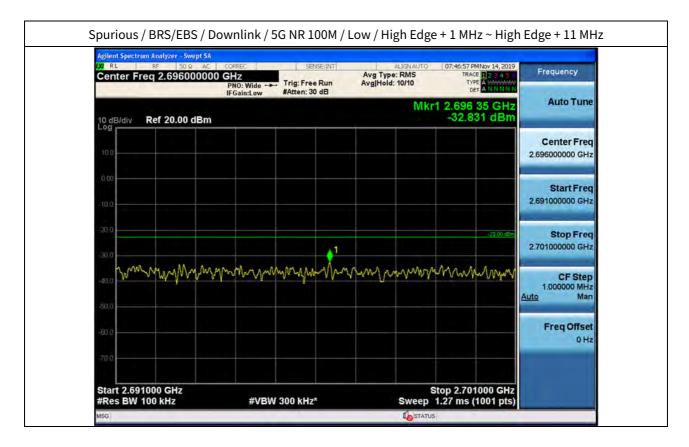


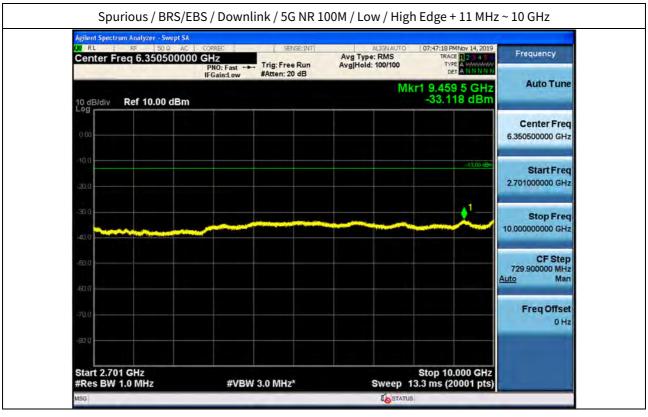


Contor From 1 2	57500000 GH		SENSE:INT Ava	ALIGNAUTO 0 Type: RMS	7:46:42 PMNov 14, 2019 TRACE 2 3 4 5	Frequency
Center Freq 1.2	PN	0: Fast Trig: F		fold: 10/10	DET A NNNNN	
					.429 39 GHz -36.051 dBm	Auto Tune
10 dB/div Ref 0.	00 dBm				-30.001 0.511	
-10.0					-13:00 dEm	Center Freq 1.257500000 GHz
-20,0						Start Freq
-30,0					1	30.000000 MHz
40.0	a sa ka a sa	streets files and crock		adaga and the fact the state	A Million providence and all and	Stop Freq
	Manufiphat philips	anal/Manaparala	and deepe at be paraturated	THE REAL PROPERTY AND A PROPERTY AND	MA APPARTON A	2,485000000 GHz
						CF Step
-60.0						245.500000 MHz
-60.0						245.500000 MHz Auto Man
						Auto Man Freq Offset
-70.0 -80.0						<u>Auto</u> Man
70.0						Auto Man Freq Offset

Center Freq 2.4900000	PNO: Wide Trig	SENSE:INT g: Free Run sen: 30 dB	Avg Type: RMS Avg Hold: 10/10	07:46:49 PMNov 14, 2019 TRACE 23:450 TYPE A MMSMMM DET A N.N.N.N	Frequency
10 dB/div Ref 20.00 dBn	n		Mki	1 2.488 07 GHz -35.018 dBm	Auto Tune
10.0					Center Freq 2.490000000 GHz
0.00					Start Freq 2.485000000 GHz
-20,0	1			-23 00 dEm	Stop Freq 2.495000000 GHz
-40.0 000 Mar	manger	monorm	WWW WWW	and with the second	CF Step 1.000000 MHz Auto Man
-60.0					Freq Offset 0 Hz
70 0 Start 2.485000 GHz #Res BW 100 kHz		kHz*		Stop 2.495000 GHz 1.27 ms (1001 pts)	

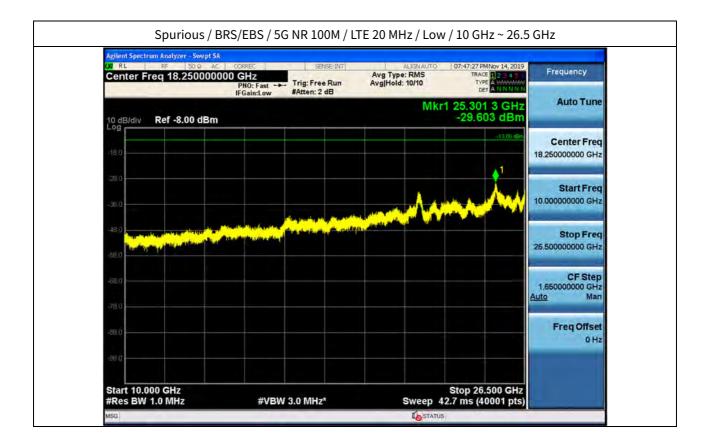




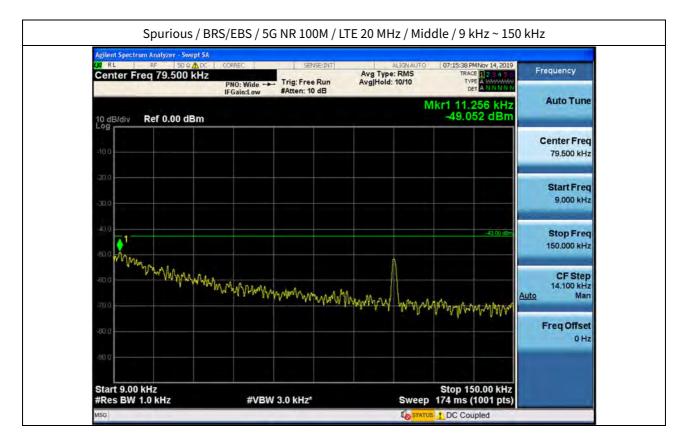


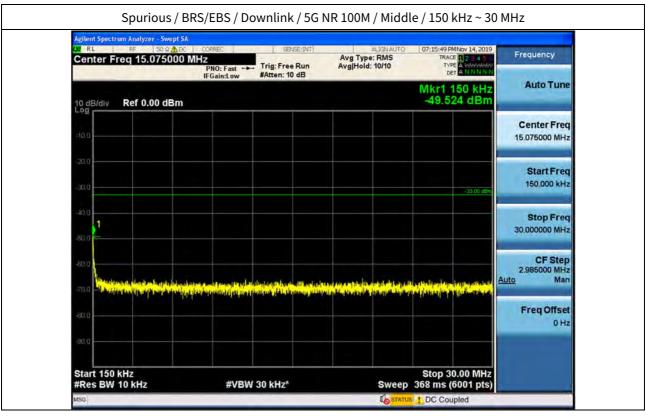










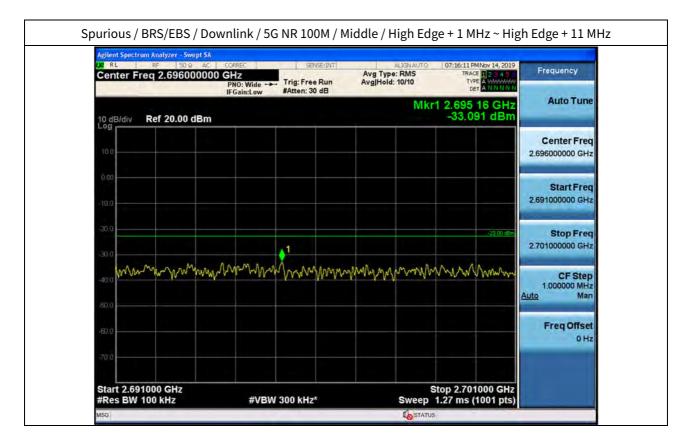


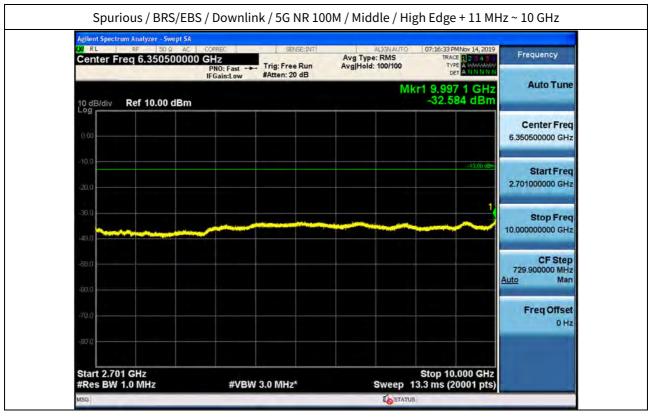


Senter Freq 1.20000	PNO: Fast	Trig: Free Run	Avg Type: RMS Avg Hold: 10/10	07:15:57 PMNov 14, 2019 TRACE 1 2 3 4 5 TYPE A WAVAWAY DET A N N N N N	Frequency
10 dB/div Ref 0.00 dB	IFGain:Low	#Atten: 16 dB	Mkr	1 2.456 79 GHz -36.947 dBm	Auto Tune
-10.0				-13,00 cen	Center Fred 1.259500000 GH2
-20.0					Start Freq 30.000000 MHz
-40.0 -50.0 <b>- 1997 - 1997 - 1997 - 1997 - 1997 - 19</b>	dag da alfa a dinaka balan dinak Manazarta ata di basa da dinak		energy and the second states and the second states and the second states and the second states and the second s	ar an dia marin'i na distant Ny fanjalogi na postanja si ina	Stop Freq 2.48900000 GHz
50.0 HELLENGER PLANE	and the state of the state of the state				2,40500000 0112
-60.0					CF Step 245.900000 MHz <u>Auto</u> Man
					CF Step 245.900000 MHz

00 RL RF 500 AC Center Freq 2.49400000		ALIGNAUTO 07: Avg Type: RMS Avg Hold: 10/10	16:04 PMNov 14, 2019 TRACE 2:3:4:5 0 TYPE A MARAMAN DET A NINNIN	Frequency
10 dB/div Ref 20.00 dBm			494 98 GHz 35.385 dBm	Auto Tune
to.0				Center Freq 2.494000000 GHz
0.00 -10.0				Start Freq 2.489000000 GHz
-20.0			-23.00 654	<b>Stop Freq</b> 2.499000000 GHz
-10.0 Mayan Manana Manana -50.0	manymmymmym	Marianter		CF Step 1.000000 MHz uto Man
-60.0				Freq Offset 0 Hz
70 0 Start 2.489000 GHz #Res BW 100 kHz	#VBW 300 kHz*		2.499000 GHz ms (1001 pts)	

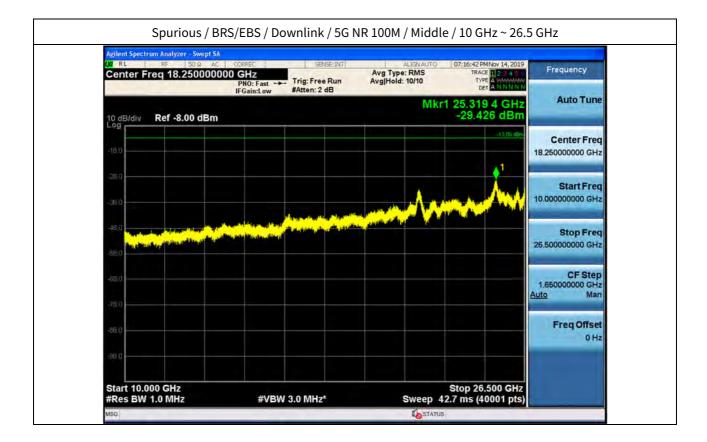






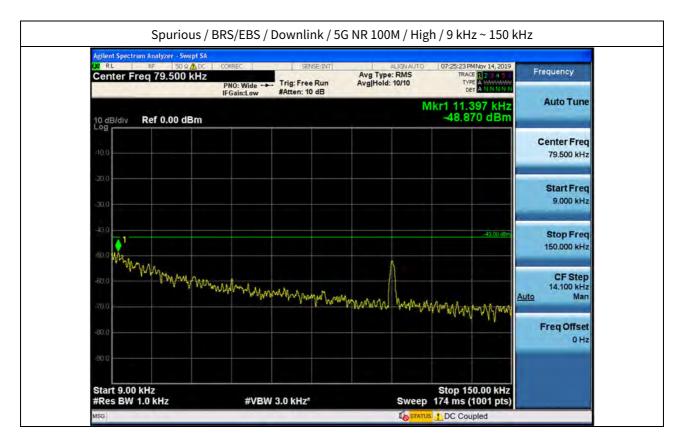












Center Freq 15.0			200.00		Avg Typ Avg Hold		TRA TV	MNov 14, 2019 CE 1 2 3 4 5 0 PE A WARMAN ET A N N N N N	Frequency
10 dB/div Ref 0.0	00 dBm							150 kHz 23 dBm	Auto Tune
-10.0									Center Freq 15.075000 MHz
-30.0								-33.00 đếm	Start Freq 150,000 kHz
-40.0 1 -50.0									Stop Freq 30.000000 MHz
-60.0	a da a til den stan ta franska	and a start of the starts	14.114.1.1.1.1.1.1	a	la facil fact decral the	وروا المحمد ا	to a statul - detree		CF Step 2.985000 MHz <u>Auto</u> Man
-80.0	Nyka sisina k	and the states	of the first street of	in the second second	aled all all all all a	(control in programs	ide and kalthe	t to a selfer solvere	Freq Offset 0 Hz
Start 150 kHz							Stop 3	0.00 MHz	





Center Freq 1.2595		ast Trig: Fr		Avg Type: Avg Hold:		TRACE TVPE	Nov 14, 2019 1 2 3 4 5 9 A NANANA A NANANA	Frequency
10 dB/div Ref 0.00 d	IBm				Mkr	1 2.463 4	3 GHz 9 dBm	Auto Tune
-10.0							-13,00 dBm	Center Fred 1.259500000 GHz
-20.0								Start Freq 30.000000 MHz
40.0	an tilda bei beleine in staat stijd	uthe local biog the state	and the start of the second	the restance	n to the second	terre Rend & Vicer	ter offert	Stop Freq
50.0 special and state and state	tral history and starting a	discussion line	(au hilami)))()	and the second	on all to all all a	All and the second second	- Marchae	2.489000000 GHz
-50.0 <b>v<u>enini el tej pirde kinneli i v</u> -60.0</b>	<u>(n) in tanin akul</u> énga	riitine.Casiosijithiit	(or)[5][54,104]		or allocate ale	and the second of the second o	THEAT	2,48900000 GHz CF Step 245.90000 MHz <u>Auto</u> Man
-50.0 young the start of the st		ndistan Sumpint Adm						CF Step 245.900000 MHz

Center Freq 2.494000000		AUGNAUTO Avg Type: RMS Avg Hold: 10/10	07:25:49 PMNov 14, 2019 TRACE 2 3 4 5 TYPE A WANNAW DET A N N N N	Frequency
10 dB/div Ref 20.00 dBm		Mkr1	2.498 50 GHz -34.127 dBm	Auto Tune
10.0				Center Fred 2.494000000 GHz
-10.0				Start Freq 2.489000000 GHz
-20.0			-2300 æn	Stop Freq 2.499000000 GHz
-30.0 Marth My Marth	Mananananananan	mouthman		CF Step 1.000000 MHz Auto Man
-60.0				Freq Offset 0 Hz
570 0 Start 2.489000 GHz			top 2.499000 GHz	

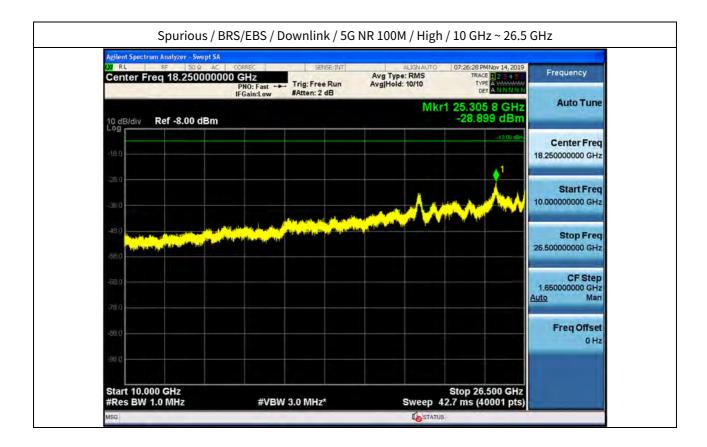














## **5.6. RADIATED SPURIOUS EMISSIONS**

#### **Test Requirements:**

## § 2.1053 Measurements required: Field strength of spurious radiation.

(a) Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits, power leads, or intermediate circuit elements under normal conditions of installation and operation. Curves or equivalent data shall be supplied showing the magnitude of each harmonic and other spurious emission. For this test, single sideband, independent sideband, and controlled carrier transmitters shall be modulated under the conditions specified in paragraph (c) of § 2.1049, as appropriate. For equipment operating on frequencies below 890 MHz, an open field test is normally required, with the measuring instrument antenna located in the far-field at all test frequencies. In the event it is either impractical or impossible to make open field measurements (e.g. a broadcast transmitter installed in a building) measurements will be accepted of the equipment as installed. Such measurements must be accompanied by a description of the site where the measurements were made showing the location of any possible source of reflections which might distort the field strength measurements. Information submitted shall include the relative radiated power of each spurious emission with reference to the rated power output of the transmitter, assuming all emissions are radiated from halfwave dipole antennas.

- (b) The measurements specified in paragraph (a) of this section shall be made for the following equipment:
  - (1) Those in which the spurious emissions are required to be 60 dB or more below the mean power of the transmitter.
  - (2) All equipment operating on frequencies higher than 25 MHz.
  - (3) All equipment where the antenna is an integral part of, and attached directly to the transmitter.
  - (4) Other types of equipment as required, when deemed necessary by the Commission.

#### **Test Procedures:**

Because KDB 935210 D05 procedure does not provide this requirement, measurements were in accordance with the test methods section 5.5 of ANSI C63.26-2015

- a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard nonradiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.
- b) Each emission under consideration shall be evaluated:
  - 1) Raise and lower the measurement antenna in accordance 5.5.2, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
  - 2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
  - 3) Return the turntable to the azimuth where the highest emission amplitude level was observed.
  - 4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with



the maximum emission amplitude.

- 5) Record the measured emission amplitude level and frequency using the appropriate RBW.
- c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.

## **Test Result:**

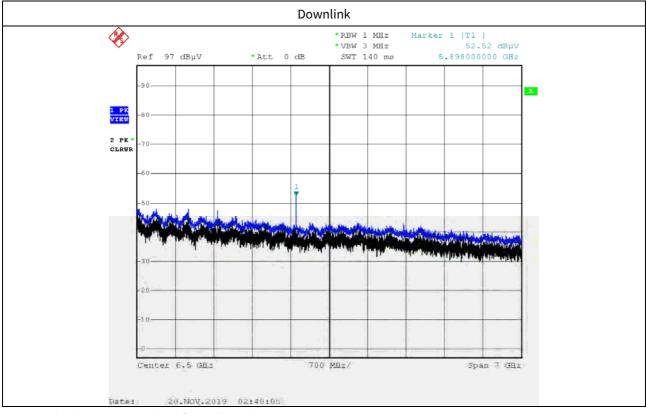
Frequency (MHz)	Measured Level (dBuV)	Measured Power (dBm)	Ant. Factor (dB/m)	C.L (dB)	A.G. + H.P.F. (dB)	D.F. (dB)	Pol.	Result (dBm/m)
5 898.00	52.52	-42.68	32.60	7.26	36.63	1.96	V	-37.49

\* C.L.: Cable Loss / A.G.: Amp. Gain / H.P.F.: High Pass Filter / D.F.: Distance Factor (3.75 m)

Note1. We have done horizontal and vertical polarization in detecting antenna.

*Note2. The amplitude of the spurious domain emission attenuated by more than 20 dB over the permissible value was not recorded according to ANSI C63.26, clause 5.1.1., c).* 

## Plot data of radiated spurious emissions



Note : Only the worst case plots for Radiated Spurious Emissions.



# 6. Annex A\_EUT AND TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-1911-FC029-P