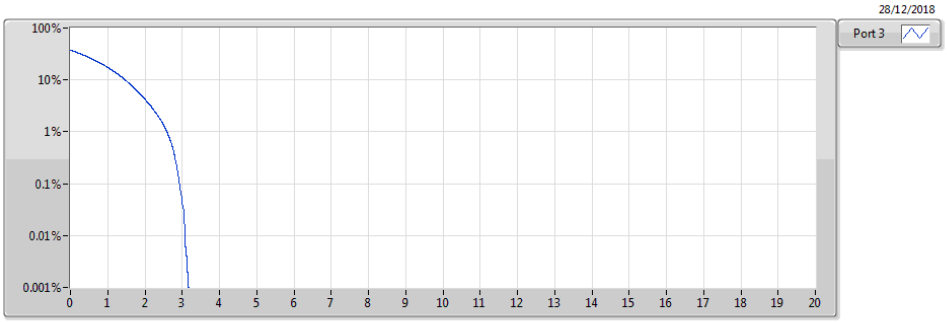
Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

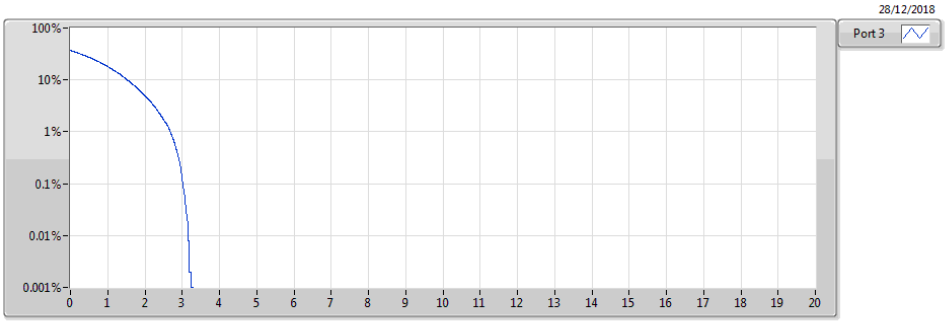
P#3690MHz,#3670MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.31	-5.69	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

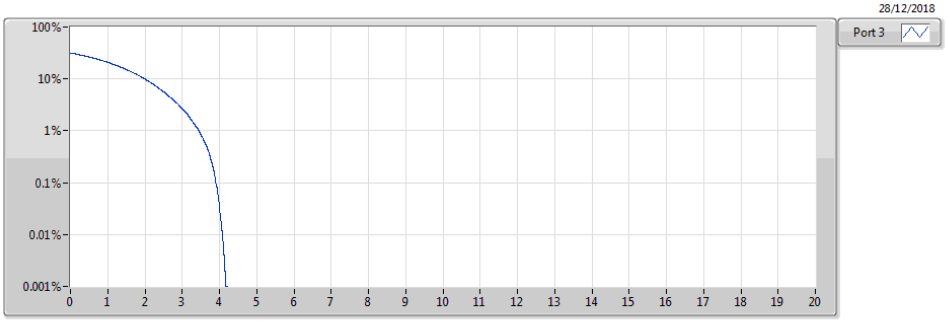
P#3690MHz,#3560MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.54	-5.46	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

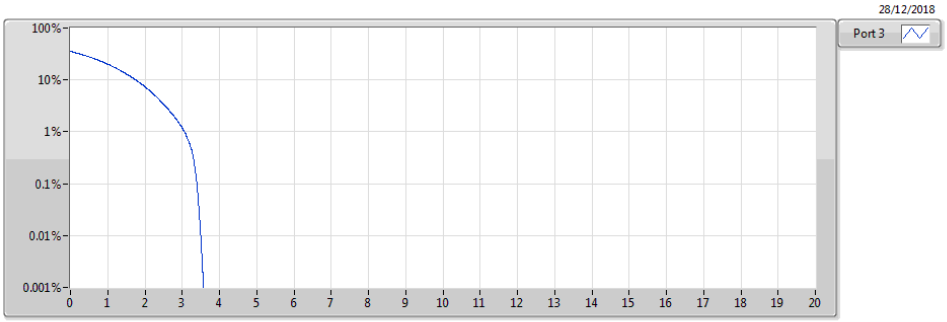
P#3580MHz,#3560MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3580	20M	9.76	-3.24	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

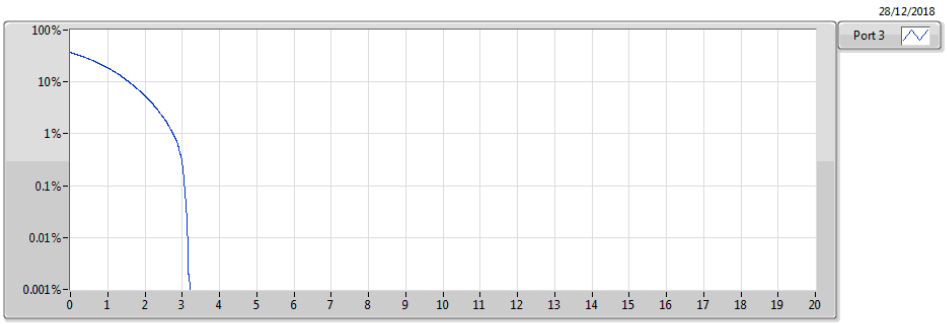
P#3635MHz,#3615MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3635	20M	8.48	-4.52	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

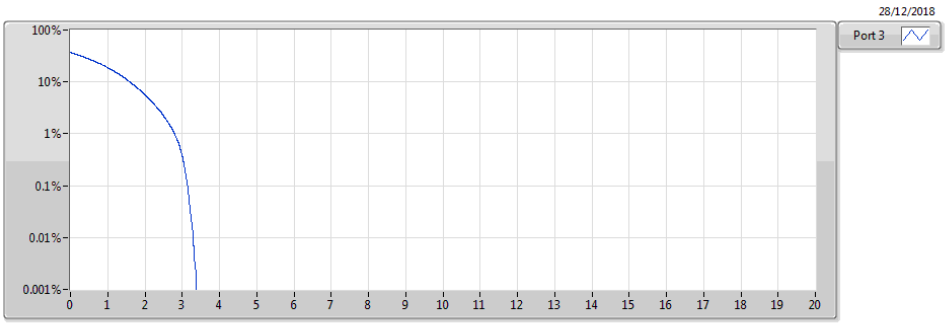
P#3690MHz,#3670MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.65	-5.35	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

P#3690MHz,#3560MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.86	-5.14	13.00	1

<Multi-carrier and/or CA>

Summary

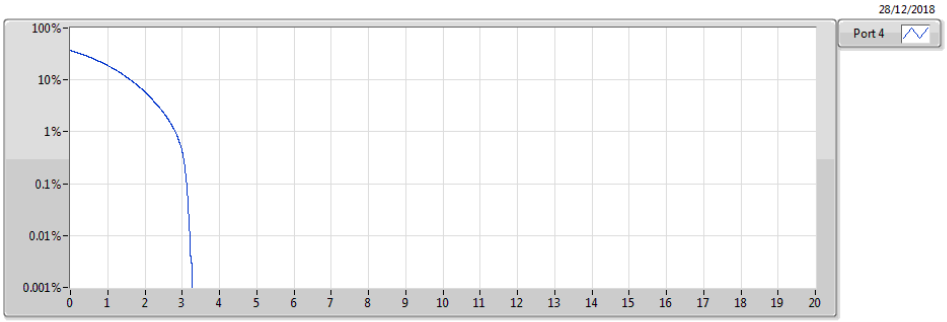
Mode	Result	Freq (MHz)	0.1%	Margin	Limit (dB)	Port
Band 48	-	-	-		-	-
Band 48_LTE_20MHz+20MHz_QPSK_4TX	Pass	3690	8.45	4.55	13.00	4
Band 48_LTE_20MHz+20MHz_16QAM_4TX	Pass	3690	8.85	4.15	13.00	4
Band 48_LTE_20MHz+20MHz_64QAM_4TX	Pass	3580	7.82	5.18	13.00	4

Result

Mode	Result	Freq (MHz)	0.1%	Margin	Limit (dB)	Port
LTE_20MHz+20MHz_QPSK_4TX	-	-	-		-	-
P#3580MHz,#3560MHz	Pass	3580	7.79	5.21	13.00	4
P#3635MHz,#3615MHz	Pass	3635	7.75	5.25	13.00	4
P#3690MHz,#3670MHz	Pass	3690	7.93	5.07	13.00	4
P#3690MHz,#3560MHz	Pass	3690	8.45	4.55	13.00	4
LTE_20MHz+20MHz_16QAM_4TX	-	-	-	-	-	-
P#3580MHz,#3560MHz	Pass	3580	7.78	5.22	13.00	4
P#3635MHz,#3615MHz	Pass	3635	7.28	5.72	13.00	4
P#3690MHz,#3670MHz	Pass	3690	7.23	5.77	13.00	4
P#3690MHz,#3560MHz	Pass	3690	8.85	4.15	13.00	4
LTE_20MHz+20MHz_64QAM_4TX	-	-	-	-	-	-
P#3580MHz,#3560MHz	Pass	3580	7.82	5.18	13.00	4
P#3635MHz,#3615MHz	Pass	3635	7.24	5.76	13.00	4
P#3690MHz,#3670MHz	Pass	3690	7.24	5.76	13.00	4
P#3690MHz,#3560MHz	Pass	3690	7.80	5.2	13.00	4

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

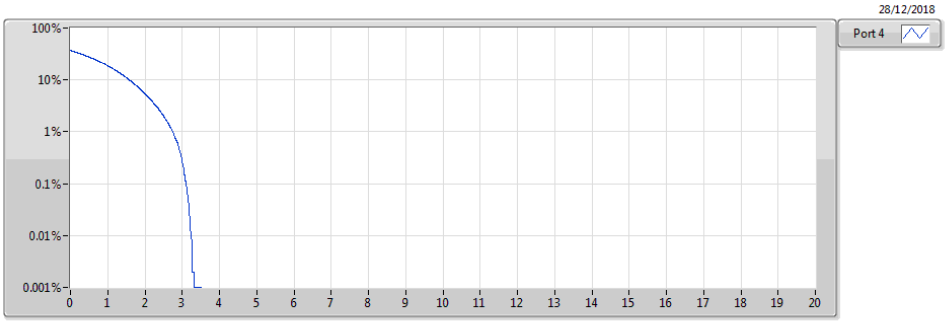
P#3580MHz,#3560MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3580	20M	7.79	-5.21	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

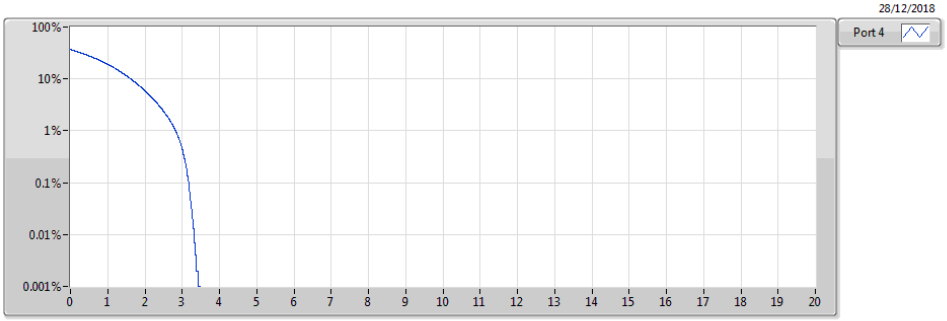
P#3635MHz,#3615MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3635	20M	7.75	-5.25	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

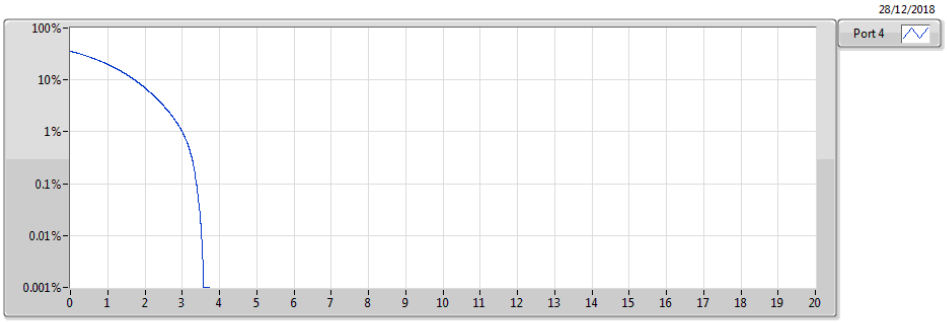
P#3690MHz,#3670MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.93	-5.07	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

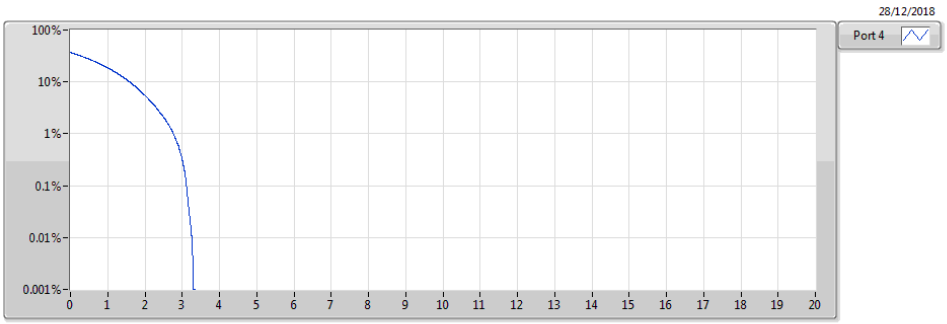
P#3690MHz,#3560MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	8.45	-4.55	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

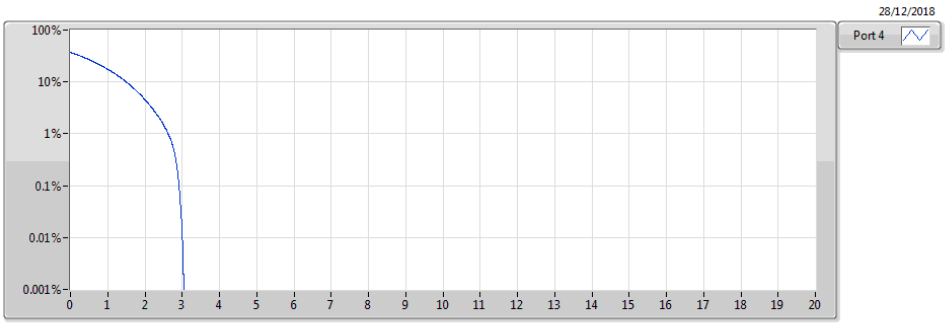
P#3580MHz,#3560MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3580	20M	7.78	-5.22	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

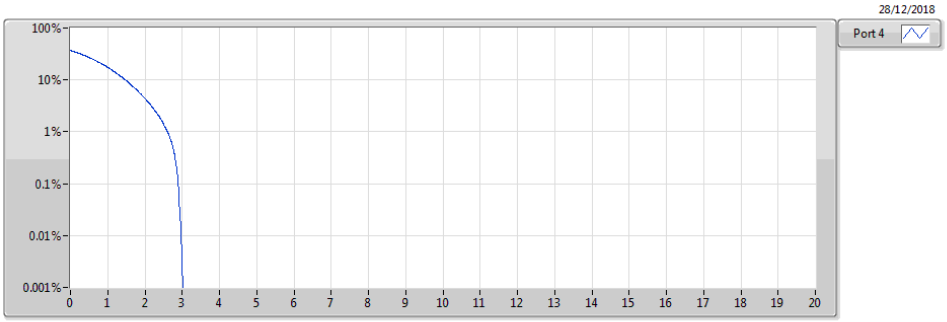
P#3635MHz,#3615MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3635	20M	7.28	-5.72	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

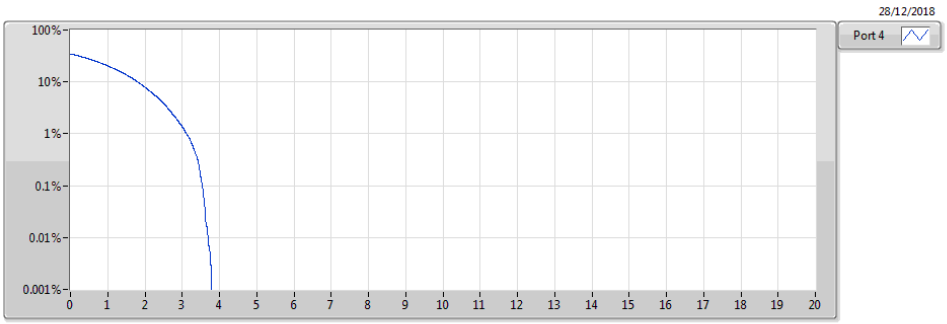
P#3690MHz,#3670MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.23	-5.77	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

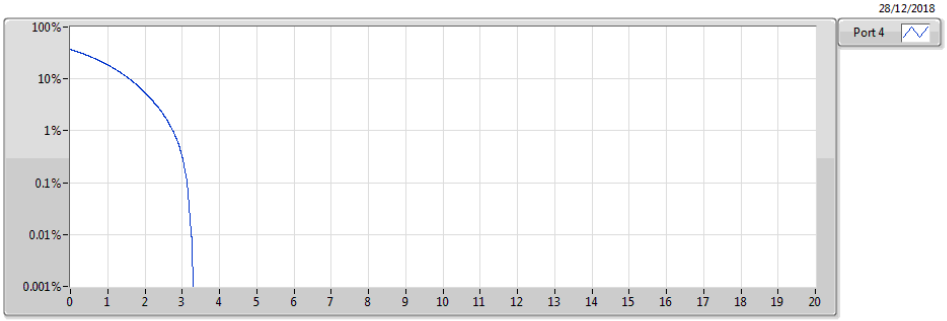
P#3690MHz,#3560MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	8.85	-4.15	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

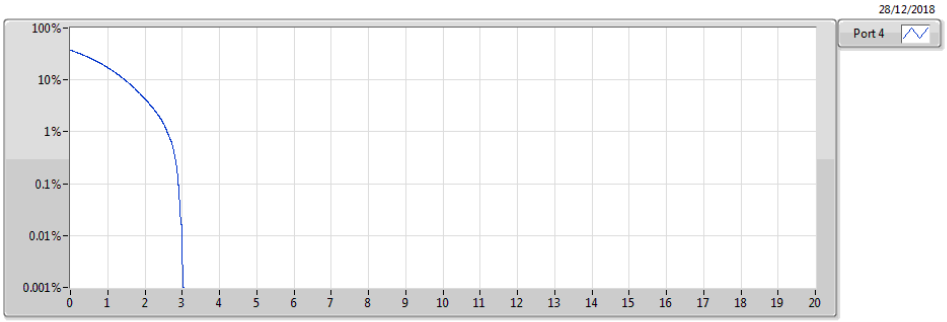
P#3580MHz,#3560MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3580	20M	7.82	-5.18	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

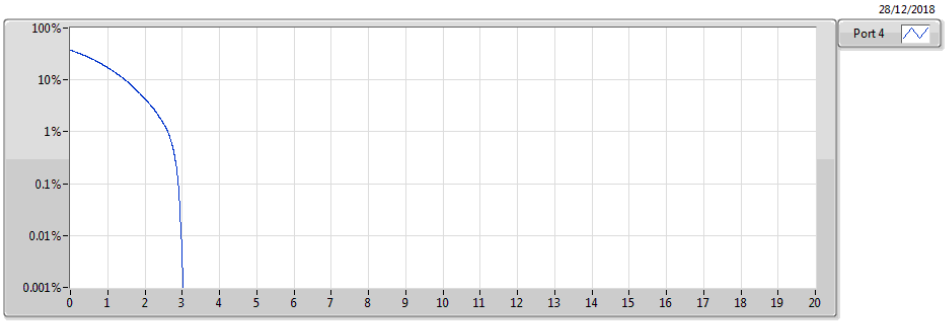
P#3635MHz,#3615MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3635	20M	7.24	-5.76	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

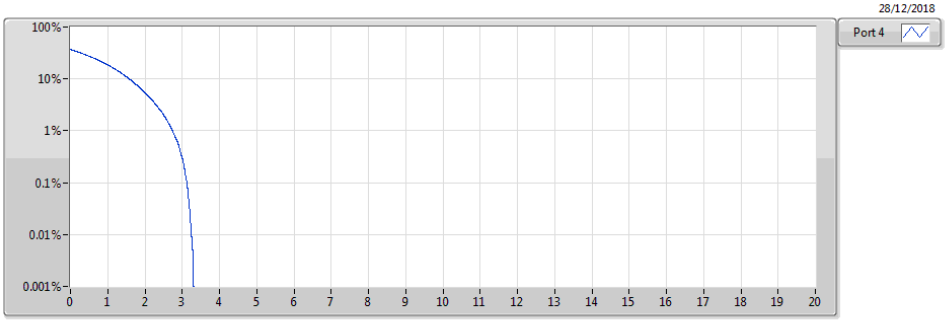
P#3690MHz,#3670MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.24	-5.76	13.00	1

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CCDF**

P#3690MHz,#3560MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



Freq (MHz)	MBW(Hz)	0.1%	Margin(dB)	Limit(dB)	Port
3690	20M	7.80	-5.20	13.00	1

<Single-carrier>

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
Band 48	-	-	-	-	-
Band 48_LTE_10MHz_(QPSK)_2TX	9.6M	8.922M	8M92G7D	9.513M	8.91M
Band 48_LTE_10MHz_(16QAM)_2TX	9.625M	8.942M	8M94W7D	9.575M	8.932M
Band 48_LTE_10MHz_(64QAM)_2TX	9.563M	8.922M	8M92W7D	9.55M	8.909M
Band 48_LTE_20MHz_(QPSK)_2TX	18.75M	17.812M	17M8G7D	18.7M	17.803M
Band 48_LTE_20MHz_(16QAM)_2TX	18.75M	17.805M	17M8W7D	18.75M	17.779M
Band 48_LTE_20MHz_(64QAM)_2TX	18.725M	17.808M	17M8W7D	18.65M	17.797M

Max-N dB = Maximum26dB downbandwidth;**Max-OBW** = Maximum99% occupied bandwidth;
Min-N dB = Minimum26dB downbandwidth;**Min-OBW** = Minimum99% occupied bandwidth;

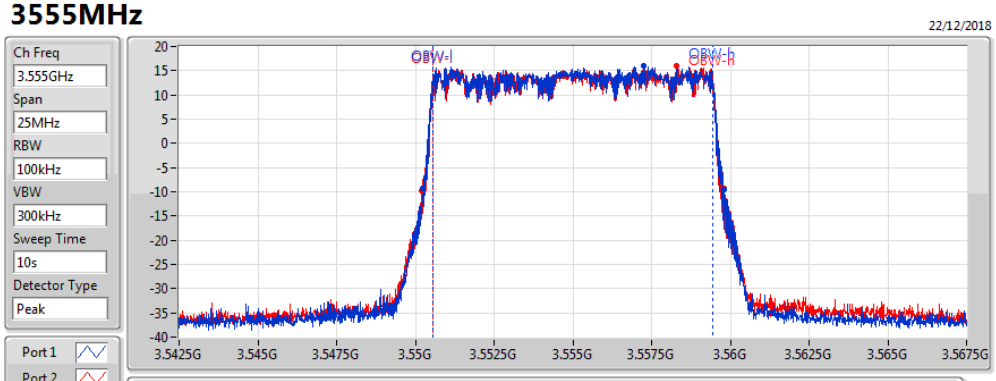
Result

Mode	Result	RB	RB Start	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)
LTE_10MHz_(QPSK)_2TX	-	-	-	-	-	-	-
3555MHz	Pass	50	M	9.55M	8.91M	9.6M	8.91M
3625MHz	Pass	50	M	9.55M	8.922M	9.513M	8.922M
3695MHz	Pass	50	M	9.525M	8.912M	9.55M	8.922M
LTE_10MHz_(16QAM)_2TX	-	-	-	-	-	-	-
3555MHz	Pass	50	M	9.625M	8.942M	9.6M	8.933M
3625MHz	Pass	50	M	9.6M	8.941M	9.6M	8.94M
3695MHz	Pass	50	M	9.6M	8.932M	9.575M	8.932M
LTE_10MHz_(64QAM)_2TX	-	-	-	-	-	-	-
3555MHz	Pass	50	M	9.55M	8.919M	9.55M	8.909M
3625MHz	Pass	50	M	9.55M	8.922M	9.55M	8.921M
3695MHz	Pass	50	M	9.563M	8.92M	9.55M	8.916M
LTE_20MHz_(QPSK)_2TX	-	-	-	-	-	-	-
3560MHz	Pass	100	M	18.75M	17.812M	18.75M	17.807M
3625MHz	Pass	100	M	18.75M	17.803M	18.7M	17.81M
3690MHz	Pass	100	M	18.75M	17.804M	18.7M	17.806M
LTE_20MHz_(16QAM)_2TX	-	-	-	-	-	-	-
3560MHz	Pass	100	M	18.75M	17.801M	18.75M	17.799M
3625MHz	Pass	100	M	18.75M	17.805M	18.75M	17.793M
3690MHz	Pass	100	M	18.75M	17.783M	18.75M	17.779M
LTE_20MHz_(64QAM)_2TX	-	-	-	-	-	-	-
3560MHz	Pass	100	M	18.725M	17.808M	18.725M	17.799M
3625MHz	Pass	100	M	18.65M	17.808M	18.7M	17.797M
3690MHz	Pass	100	M	18.725M	17.799M	18.725M	17.807M

Port X-N dB = Port **X**26dB downbandwidth; **Port X-OBW** = Port **X**99% occupied bandwidth;

Band 48_LTE_10MHz_(QPSK)_2TX EBW

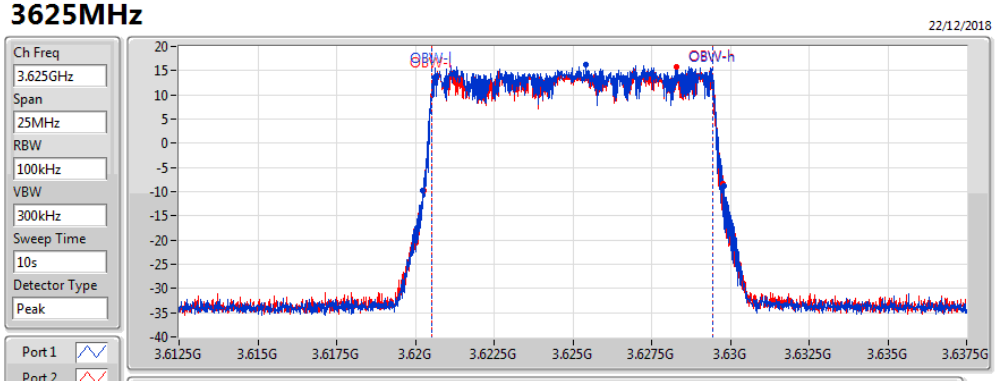
3555MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.55M	3.55025G	3.5598G	8.91M	3.550544G	3.559454G	Inf	1
50	M	9.6M	3.5502G	3.5598G	8.91M	3.550548G	3.559458G	Inf	2

Band 48_LTE_10MHz_(QPSK)_2TX EBW

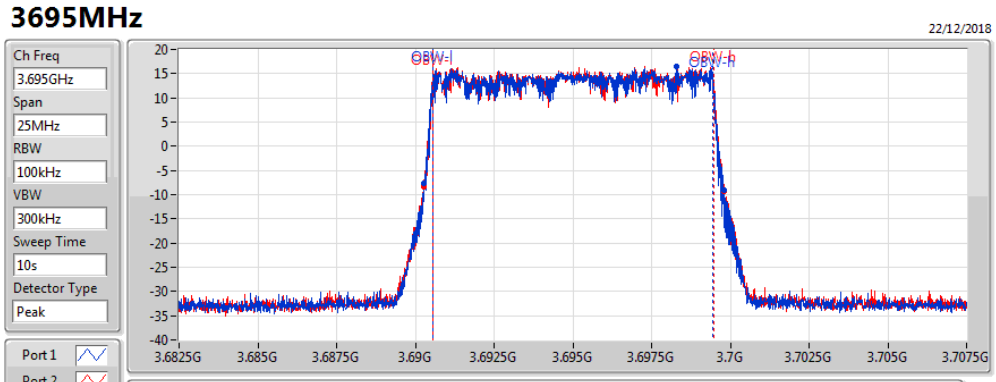
3625MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.55M	3.620238G	3.629788G	8.922M	3.620539G	3.62946G	Inf	1
50	M	9.513M	3.620263G	3.629775G	8.922M	3.620534G	3.629456G	Inf	2

Band 48_LTE_10MHz_(QPSK)_2TX EBW

3695MHz

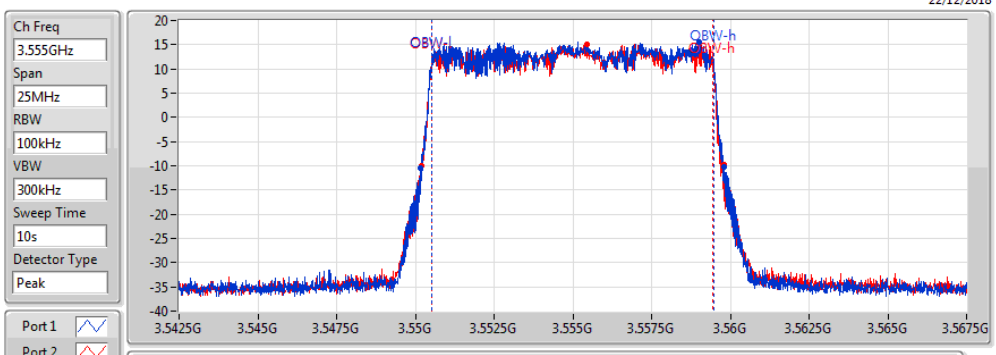


RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.525M	3.690275G	3.6998G	8.912M	3.690546G	3.699458G	Inf	1
50	M	9.55M	3.690263G	3.699813G	8.922M	3.690545G	3.699468G	Inf	2

Band 48_LTE_10MHz_(16QAM)_2TX — EBW

3555MHz

22/12/2018

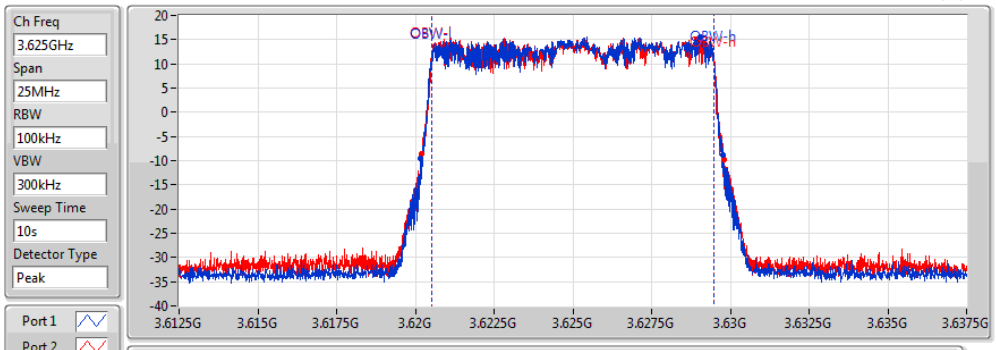


RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.625M	3.550163G	3.559788G	8.942M	3.55052G	3.559462G	Inf	1
50	M	9.6M	3.550188G	3.559788G	8.933M	3.550518G	3.559451G	Inf	2

Band 48_LTE_10MHz_(16QAM)_2TX — EBW

3625MHz

22/12/2018

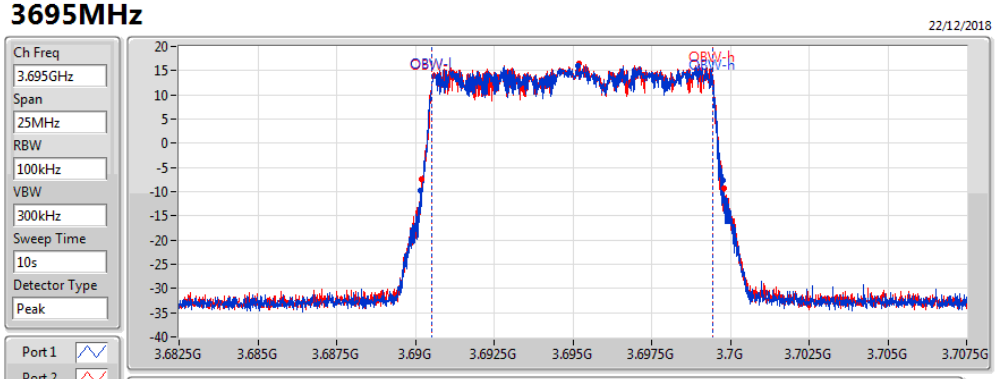


RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.6M	3.620175G	3.629775G	8.941M	3.620521G	3.629462G	Inf	1
50	M	9.6M	3.6202G	3.6298G	8.94M	3.620521G	3.629461G	Inf	2

Band 48_LTE_10MHz_(16QAM)_2TX — EBW

3695MHz

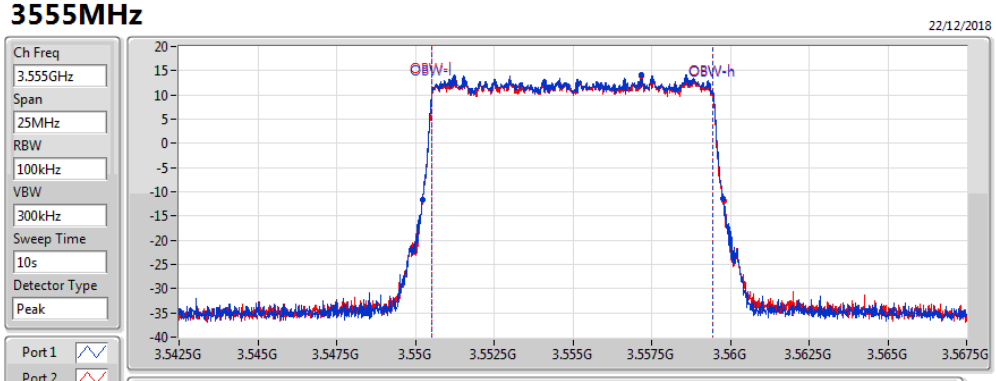
22/12/2018



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.6M	3.690175G	3.699775G	8.932M	3.690524G	3.699455G	Inf	1
50	M	9.575M	3.690213G	3.699788G	8.932M	3.690525G	3.699457G	Inf	2

Band 48_LTE_10MHz_(64QAM)_2TX EBW

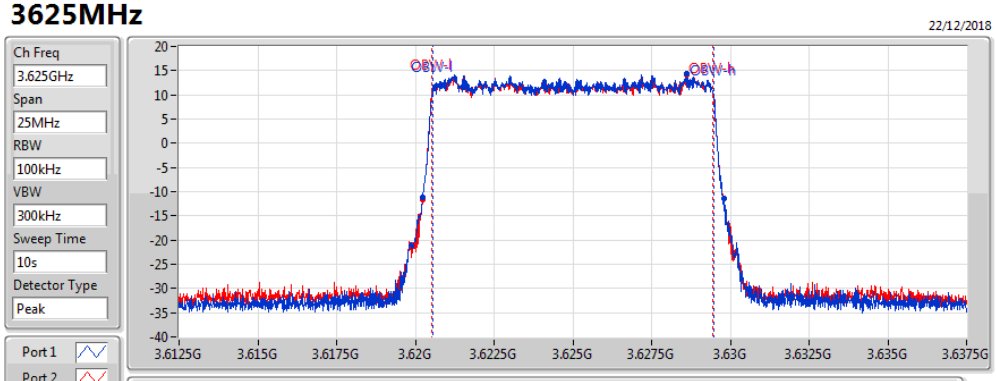
3555MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.55M	3.550225G	3.559775G	8.919M	3.550534G	3.559453G	Inf	1
50	M	9.55M	3.550238G	3.559788G	8.909M	3.550538G	3.559447G	Inf	2

Band 48_LTE_10MHz_(64QAM)_2TX EBW

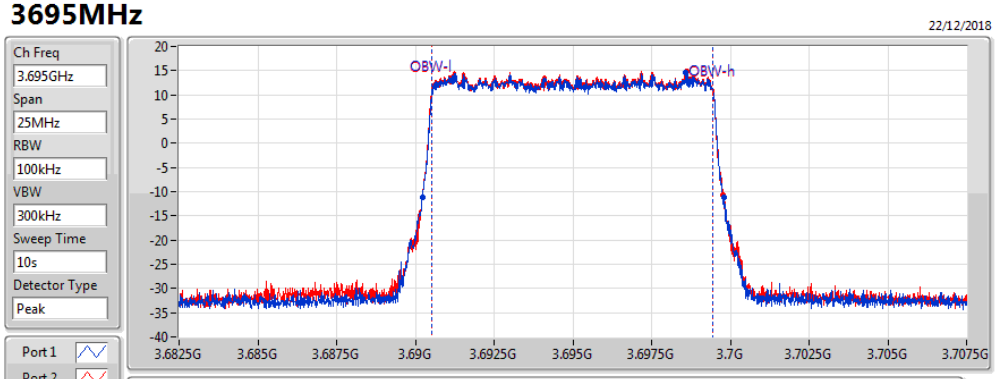
3625MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.55M	3.620238G	3.629788G	8.922M	3.62054G	3.629462G	Inf	1
50	M	9.55M	3.620238G	3.629788G	8.921M	3.620532G	3.629454G	Inf	2

Band 48_LTE_10MHz_(64QAM)_2TX EBW

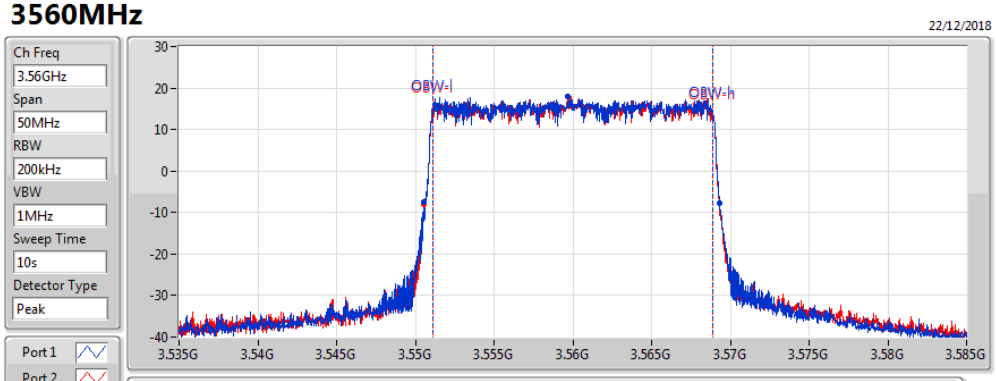
3695MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50	M	9.563M	3.690225G	3.699788G	8.92M	3.690539G	3.699459G	Inf	1
50	M	9.55M	3.690225G	3.699775G	8.916M	3.690533G	3.699449G	Inf	2

Band 48_LTE_20MHz_(QPSK)_2TX EBW

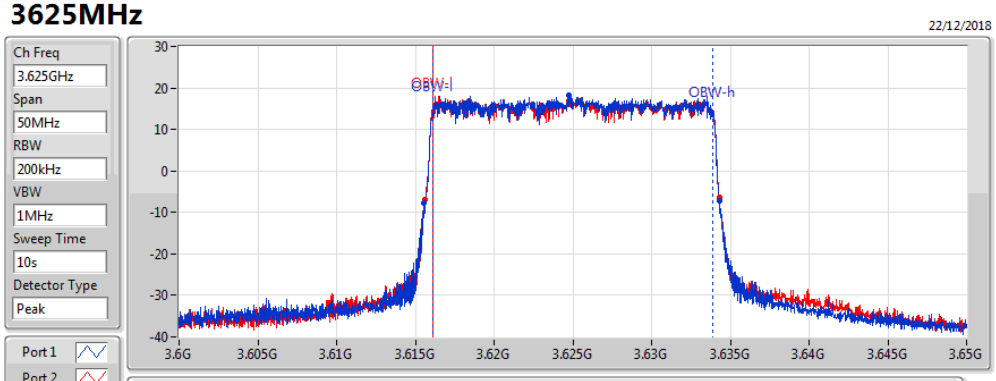
3560MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.75M	3.550575G	3.569325G	17.812M	3.55108G	3.568893G	Inf	1
100	M	18.75M	3.550575G	3.569325G	17.807M	3.551083G	3.56889G	Inf	2

Band 48_LTE_20MHz_(QPSK)_2TX EBW

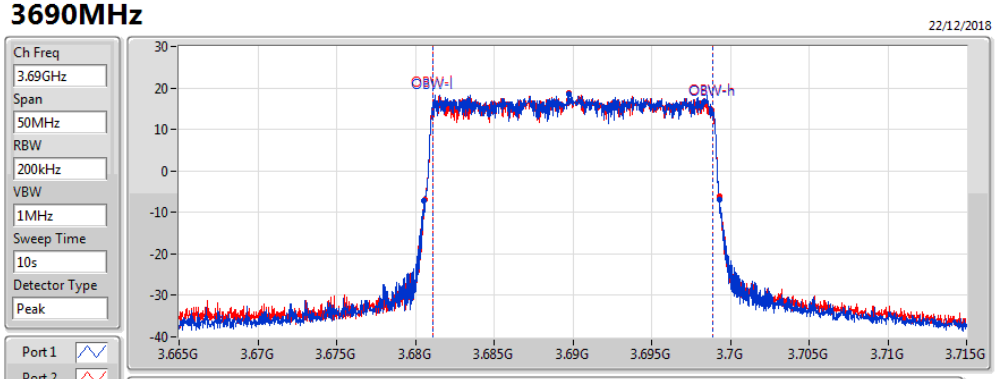
3625MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.75M	3.615575G	3.634325G	17.803M	3.616086G	3.633889G	Inf	1
100	M	18.7M	3.6156G	3.6343G	17.81M	3.616091G	3.633901G	Inf	2

Band 48_LTE_20MHz_(QPSK)_2TX EBW

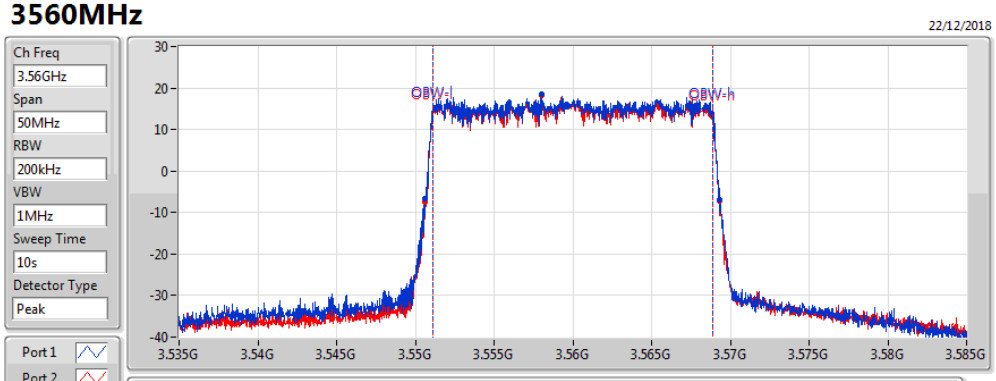
3690MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.75M	3.680575G	3.699325G	17.804M	3.681087G	3.69889G	Inf	1
100	M	18.7M	3.6806G	3.6993G	17.806M	3.681095G	3.6989G	Inf	2

Band 48_LTE_20MHz_(16QAM)_2TX EBW

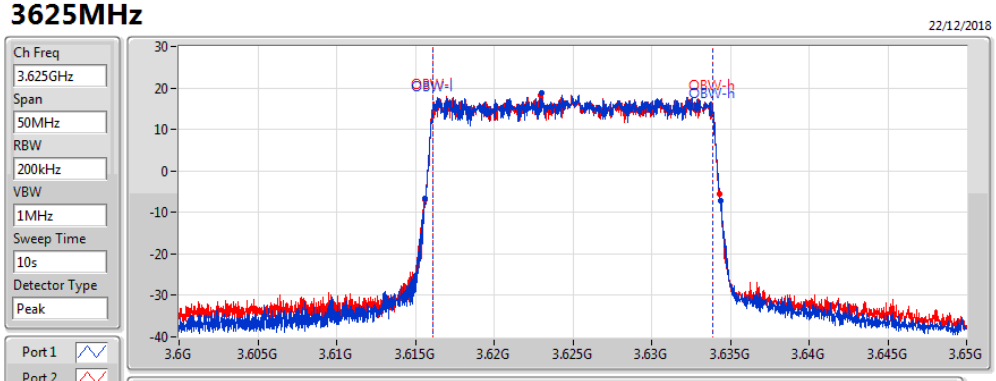
3560MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.75M	3.5506G	3.56935G	17.801M	3.55109G	3.568891G	Inf	1
100	M	18.75M	3.5506G	3.56935G	17.799M	3.551091G	3.568891G	Inf	2

Band 48_LTE_20MHz_(16QAM)_2TX EBW

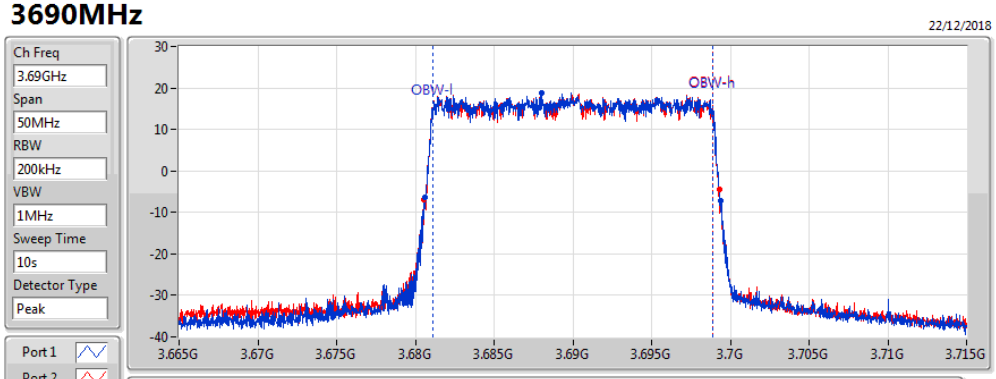
3625MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.75M	3.615625G	3.634375G	17.805M	3.616084G	3.63389G	Inf	1
100	M	18.75M	3.6156G	3.63435G	17.793M	3.616099G	3.633893G	Inf	2

Band 48_LTE_20MHz_(16QAM)_2TX EBW

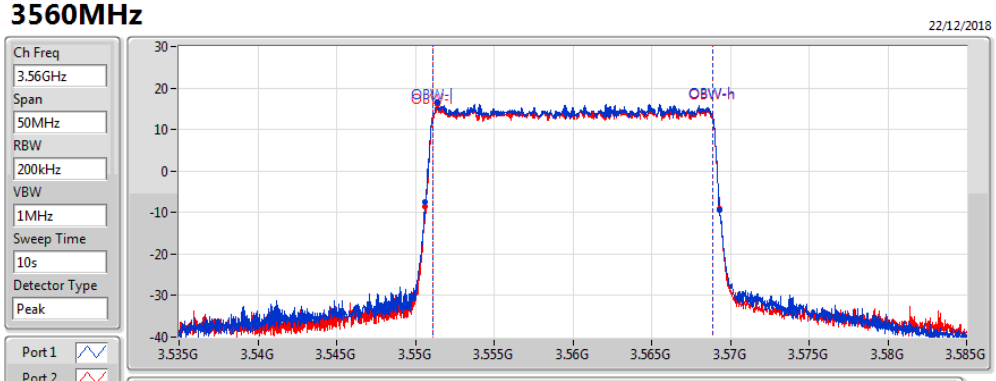
3690MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.75M	3.680625G	3.699375G	17.783M	3.6811G	3.698883G	Inf	1
100	M	18.75M	3.680575G	3.699325G	17.779M	3.681094G	3.698872G	Inf	2

Band 48_LTE_20MHz_(64QAM)_2TX EBW

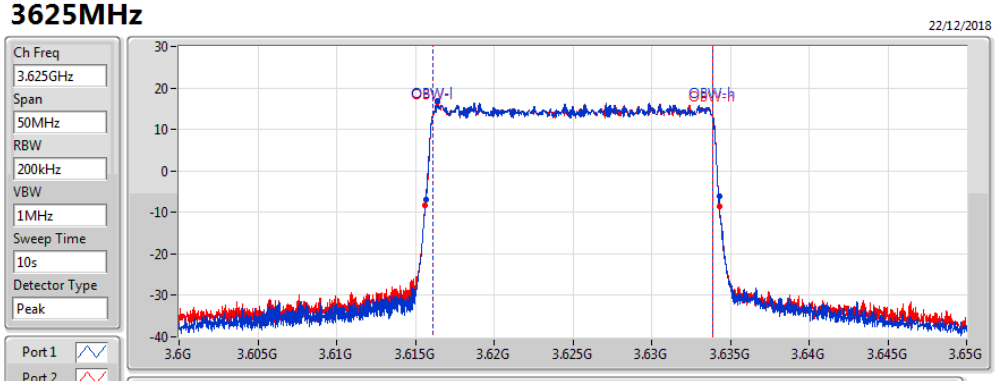
3560MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.725M	3.550625G	3.56935G	17.808M	3.551089G	3.568897G	Inf	1
100	M	18.725M	3.550625G	3.56935G	17.799M	3.551099G	3.568898G	Inf	2

Band 48_LTE_20MHz_(64QAM)_2TX EBW

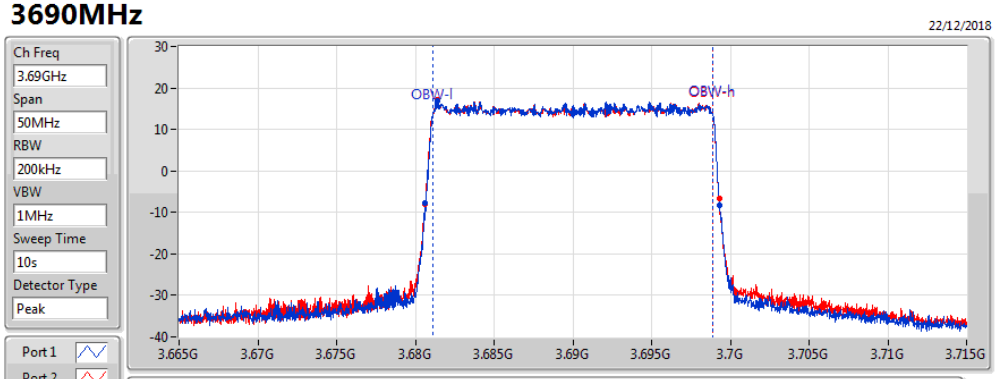
3625MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.65M	3.61565G	3.6343G	17.808M	3.616083G	3.633891G	Inf	1
100	M	18.7M	3.615625G	3.634325G	17.797M	3.616091G	3.633888G	Inf	2

Band 48_LTE_20MHz_(64QAM)_2TX EBW

3690MHz



RB	RB Start	26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100	M	18.725M	3.680625G	3.69935G	17.799M	3.681104G	3.698904G	Inf	1
100	M	18.725M	3.6806G	3.699325G	17.807M	3.681087G	3.698894G	Inf	2

<Multi-carrier and/or CA>

Summary

Mode	Max Sum-NdB (Hz)	Max Sum-OBW (Hz)	ITU-Code	Min Sum-NdB (Hz)	Min Sum-OBW (Hz)
Band 48	-	-	-	-	-
Band 48_LTE_20MHz+20MHz_QPSK_4TX	37.25M	35.65M	35M6G7D	37.125M	35.633M
Band 48_LTE_20MHz+20MHz_16QAM_4TX	37.425M	35.653M	35M6W7D	37.15M	35.619M
Band 48_LTE_20MHz+20MHz_64QAM_4TX	37.457M	35.624M	35M6W7D	37.35M	35.594M

Max Sum-N dB = Maximum26dB downbandwidth;**Max-OBW** = Maximum99% occupied bandwidth;
Min Sum-N dB = Minimum26dB downbandwidth;**Min-OBW** = Minimum99% occupied bandwidth;

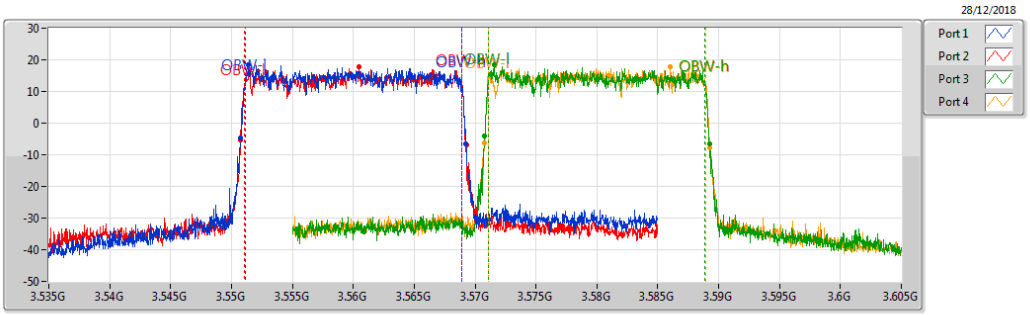
Result

Mode	Result	Port 1-NdB (Hz)	Port 1-OBW (Hz)	Port 2-NdB (Hz)	Port 2-OBW (Hz)	Port 3-NdB (Hz)	Port 3-OBW (Hz)	Port 4-NdB (Hz)	Port 4-OBW (Hz)	Sum-NdB (Hz)	Sum-OBW (Hz)
LTE_20MHz+20MHz_QPSK_4TX	-	-	-	-	-	-	-	-	-	-	-
P#3560MHz,#3580MHz	Pass	18.55M	17.737M	18.575M	17.835M	18.5M	17.78M	18.55M	17.798M	37.125M	35.633M
P#3615MHz,#3635MHz	Pass	18.55M	17.796M	18.5M	17.835M	18.525M	17.775M	18.7M	17.802M	37.25M	35.637M
P#3670MHz,#3690MHz	Pass	18.575M	17.722M	18.5M	17.818M	18.65M	17.825M	18.625M	17.803M	37.225M	35.643M
P#3560MHz,#3690MHz	Pass	18.625M	17.828M	18.625M	17.77M	18.575M	17.796M	18.525M	17.822M	37.2M	35.65M
LTE_20MHz+20MHz_16QAM_4TX	-	-	-	-	-	-	-	-	-	-	-
P#3560MHz,#3580MHz	Pass	18.6M	17.818M	18.6M	17.804M	18.55M	17.801M	18.525M	17.72M	37.15M	35.619M
P#3615MHz,#3635MHz	Pass	18.675M	17.813M	18.575M	17.79M	18.625M	17.817M	18.675M	17.84M	37.35M	35.653M
P#3670MHz,#3690MHz	Pass	18.6M	17.806M	18.675M	17.818M	18.6M	17.809M	18.6M	17.831M	37.275M	35.649M
P#3560MHz,#3690MHz	Pass	18.725M	17.811M	18.75M	17.759M	18.675M	17.826M	18.575M	17.83M	37.425M	35.641M
LTE_20MHz+20MHz_64QAM_4TX	-	-	-	-	-	-	-	-	-	-	-
P#3560MHz,#3580MHz	Pass	18.575M	17.796M	18.675M	17.805M	18.7M	17.804M	18.575M	17.791M	37.375M	35.609M
P#3615MHz,#3635MHz	Pass	18.65M	17.787M	18.625M	17.801M	18.7M	17.799M	18.625M	17.785M	37.35M	35.6M
P#3670MHz,#3690MHz	Pass	18.7M	17.811M	18.725M	17.816M	18.7M	17.808M	18.625M	17.802M	37.425M	35.624M
P#3560MHz,#3690MHz	Pass	18.625M	17.792M	18.675M	17.784M	18.7M	17.802M	18.55M	17.782M	37.457M	35.594M

Port X-N dB = Port **X**26dB downbandwidth; **Port X-OBW** = Port **X**99% occupied bandwidth;

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

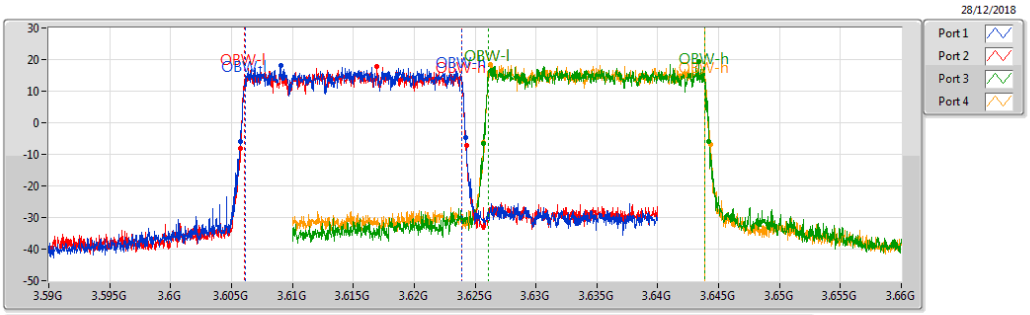
P#3560MHz,#3580MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.55M	3.5507G	3.56925G	17.737M	3.551135G	3.568872G	1	3.56G	50M	200k	1M
18.575M	3.55075G	3.569325G	17.835M	3.551082G	3.568917G	2	3.56G	50M	200k	1M
18.5M	3.57075G	3.58925G	17.78M	3.571096G	3.588876G	3	3.58G	50M	200k	1M
18.55M	3.57075G	3.5893G	17.798M	3.571101G	3.588899G	4	3.58G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

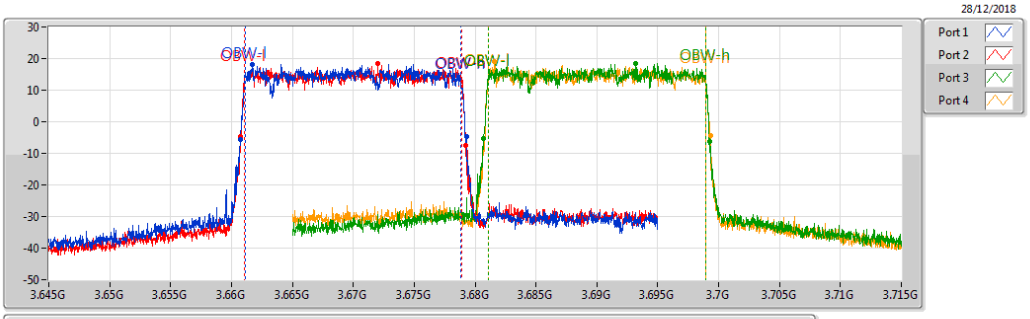
P#3615MHz,#3635MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.55M	3.6057G	3.62425G	17.796M	3.606117G	3.623913G	1	3.615G	50M	200k	1M
18.5M	3.605775G	3.624275G	17.835M	3.606068G	3.623904G	2	3.615G	50M	200k	1M
18.525M	3.625675G	3.6442G	17.775M	3.626073G	3.643848G	3	3.635G	50M	200k	1M
18.7M	3.62565G	3.64435G	17.802M	3.626071G	3.643873G	4	3.635G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

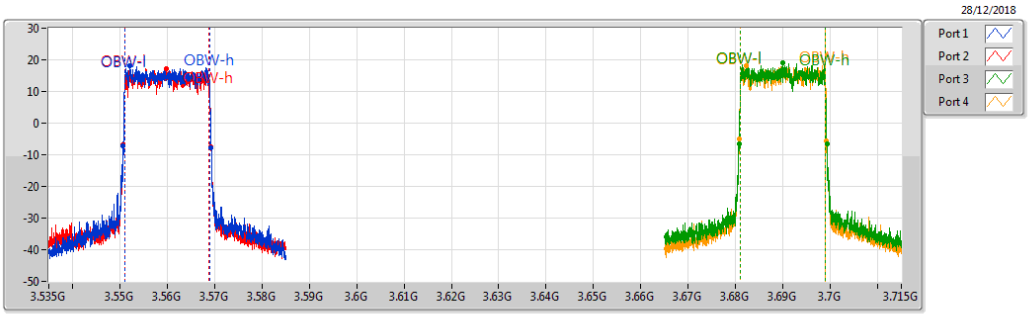
P#3670MHz,#3690MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.575M	3.6607G	3.679275G	17.722M	3.661117G	3.678838G	1	3.67G	50M	200k	1M
18.5M	3.660725G	3.679225G	17.818M	3.661076G	3.678894G	2	3.67G	50M	200k	1M
18.65M	3.68065G	3.6993G	17.825M	3.681082G	3.698908G	3	3.69G	50M	200k	1M
18.625M	3.6807G	3.699325G	17.803M	3.681097G	3.6989G	4	3.69G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

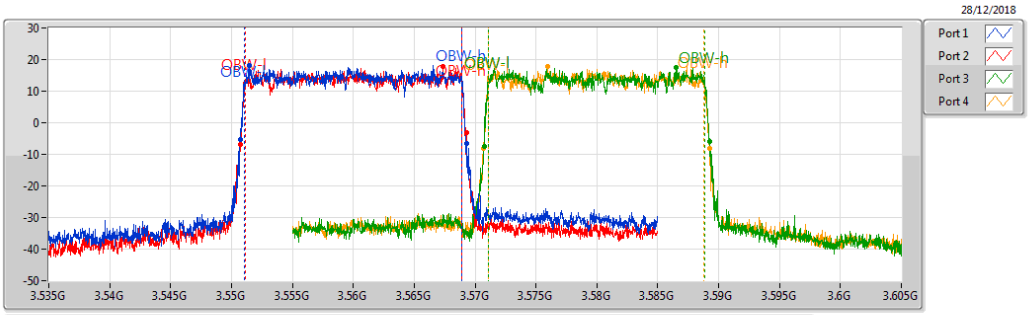
P#3560MHz,#3690MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.625M	3.550675G	3.5693G	17.828M	3.551075G	3.568903G	1	3.56G	50M	200k	1M
18.625M	3.550675G	3.5693G	17.77M	3.551095G	3.568865G	2	3.56G	50M	200k	1M
18.575M	3.6807G	3.699275G	17.796M	3.681089G	3.698885G	3	3.69G	50M	200k	1M
18.525M	3.680725G	3.69925G	17.822M	3.681095G	3.698917G	4	3.69G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

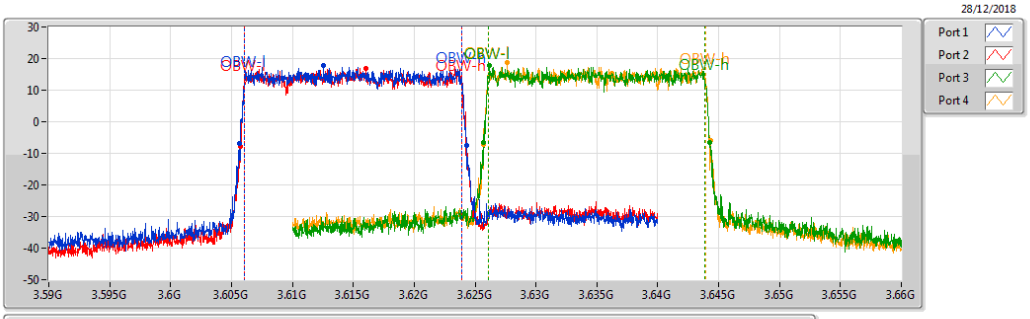
P#3560MHz,#3580MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.6M	3.5507G	3.5693G	17.818M	3.551096G	3.568914G	1	3.56G	50M	200k	1M
18.6M	3.5507G	3.5693G	17.804M	3.551117G	3.568922G	2	3.56G	50M	200k	1M
18.55M	3.57075G	3.5893G	17.801M	3.57106G	3.588861G	3	3.58G	50M	200k	1M
18.525M	3.570725G	3.58925G	17.72M	3.571076G	3.588796G	4	3.58G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

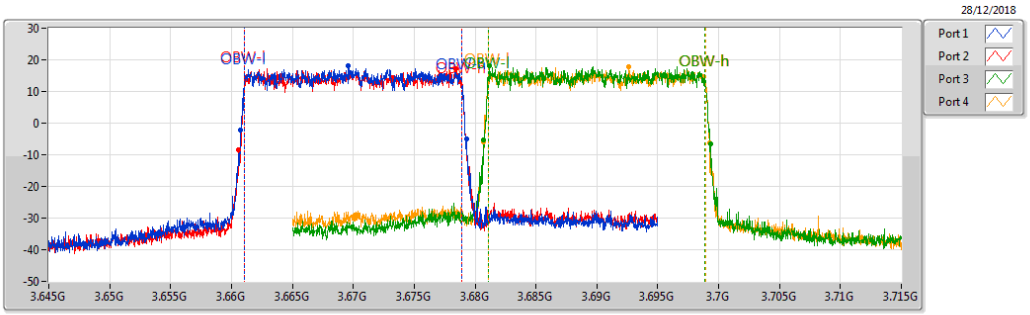
P#3615MHz,#3635MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.675M	3.60565G	3.624325G	17.813M	3.606094G	3.623907G	1	3.615G	50M	200k	1M
18.575M	3.605725G	3.6243G	17.79M	3.606076G	3.623866G	2	3.615G	50M	200k	1M
18.625M	3.625675G	3.6443G	17.817M	3.626071G	3.643888G	3	3.635G	50M	200k	1M
18.675M	3.6257G	3.644375G	17.84M	3.626069G	3.643909G	4	3.635G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

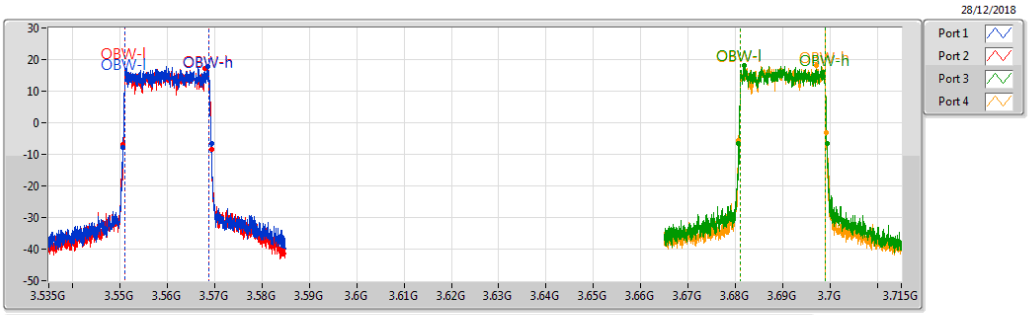
P#3670MHz,#3690MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.6M	3.66075G	3.67935G	17.806M	3.661097G	3.678903G	1	3.67G	50M	200k	1M
18.675M	3.6606G	3.679275G	17.818M	3.66107G	3.678888G	2	3.67G	50M	200k	1M
18.6M	3.680725G	3.699325G	17.809M	3.681079G	3.698889G	3	3.69G	50M	200k	1M
18.6M	3.6807G	3.6993G	17.831M	3.681079G	3.69891G	4	3.69G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

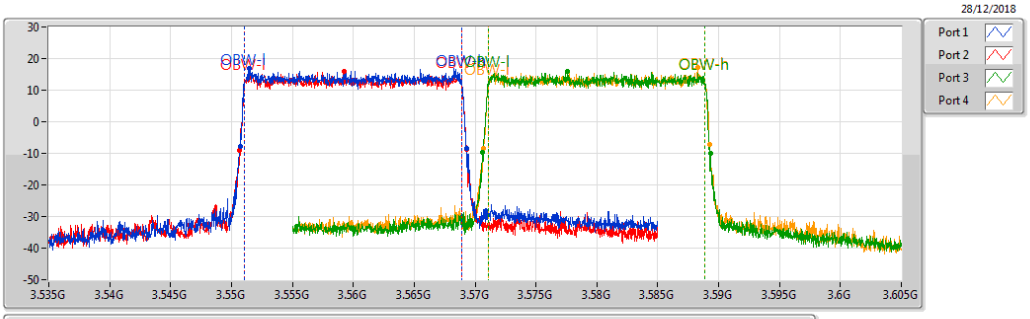
P#3560MHz,#3690MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.725M	3.5506G	3.569325G	17.811M	3.551065G	3.568877G	1	3.56G	50M	200k	1M
18.75M	3.550675G	3.569425G	17.759M	3.551088G	3.568847G	2	3.56G	50M	200k	1M
18.675M	3.680625G	3.6993G	17.826M	3.681086G	3.698911G	3	3.69G	50M	200k	1M
18.575M	3.68065G	3.699225G	17.83M	3.68107G	3.6989G	4	3.69G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

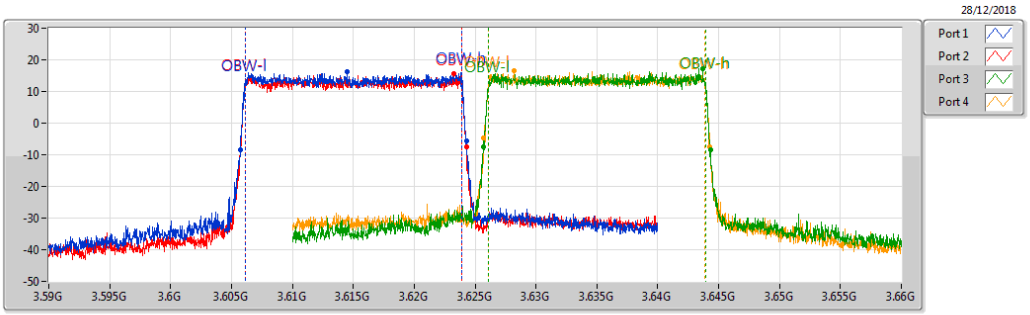
P#3560MHz,#3580MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.575M	3.5507G	3.569275G	17.796M	3.55109G	3.568886G	1	3.56G	50M	200k	1M
18.675M	3.550625G	3.5693G	17.805M	3.551099G	3.568904G	2	3.56G	50M	200k	1M
18.7M	3.570625G	3.589325G	17.804M	3.571087G	3.588891G	3	3.58G	50M	200k	1M
18.575M	3.57065G	3.589225G	17.791M	3.571091G	3.588882G	4	3.58G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

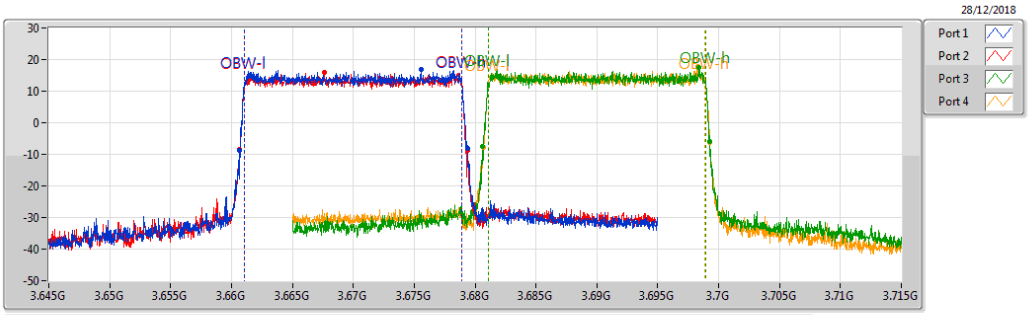
P#3615MHz,#3635MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.65M	3.6057G	3.62435G	17.787M	3.606122G	3.62391G	1	3.615G	50M	200k	1M
18.625M	3.6057G	3.624325G	17.801M	3.606113G	3.623914G	2	3.615G	50M	200k	1M
18.7M	3.62565G	3.64435G	17.799M	3.626119G	3.643918G	3	3.635G	50M	200k	1M
18.625M	3.625675G	3.6443G	17.785M	3.626107G	3.643892G	4	3.635G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

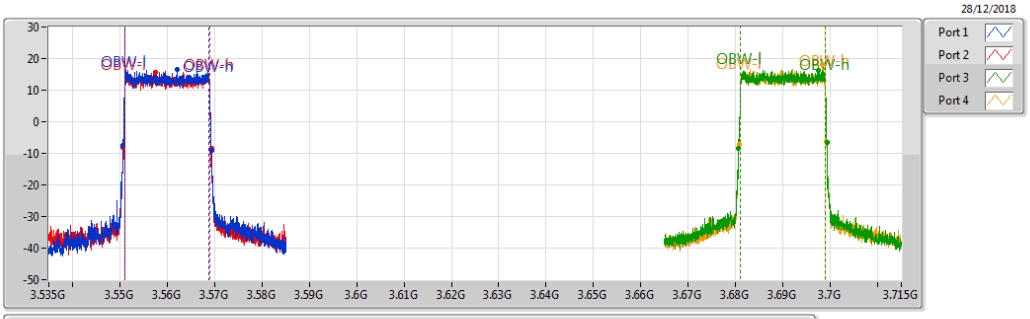
P#3670MHz,#3690MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.7M	3.660675G	3.679375G	17.811M	3.66108G	3.678891G	1	3.67G	50M	200k	1M
18.725M	3.660675G	3.6794G	17.816M	3.66109G	3.678906G	2	3.67G	50M	200k	1M
18.7M	3.6806G	3.6993G	17.808M	3.681098G	3.698907G	3	3.69G	50M	200k	1M
18.625M	3.68065G	3.699275G	17.802M	3.681092G	3.698894G	4	3.69G	50M	200k	1M

Band 48_LTE_20MHz+20MHz_Nss1_4TX **EBW**

P#3560MHz,#3690MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Port	CF(Hz)	Span(Hz)	RBW(Hz)	VBW(Hz)
18.625M	3.5507G	3.569325G	17.792M	3.551097G	3.568889G	1	3.56G	50M	200k	1M
18.675M	3.550675G	3.56935G	17.784M	3.55111G	3.568894G	2	3.56G	50M	200k	1M
18.7M	3.6806G	3.6993G	17.802M	3.681086G	3.698887G	3	3.69G	50M	200k	1M
18.55M	3.6807G	3.69925G	17.782M	3.681106G	3.698888G	4	3.69G	50M	200k	1M

<Single-carrier>

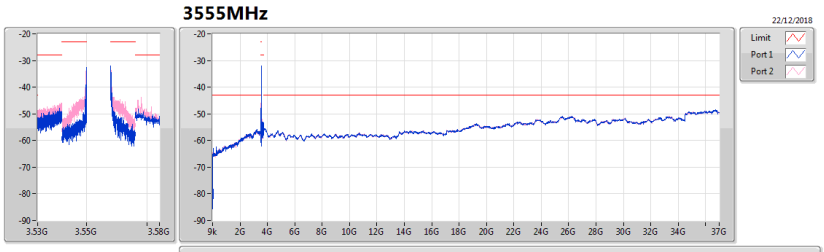
Summary

Mode	Result	RB	RB Start	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Loss (dB)	Port	Remark
Band 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Band 48_LTE_10MHz_(16QAM)_2TX	Pass	50	0	3.63G	3.64G	200k	RMS	3.630075G	-28.09	-23.00	-5.09	22.35	2	-

DG = Directional Gain;

Band 48_LTE_10MHz_(QPSK)_2TX **CSE-TX**

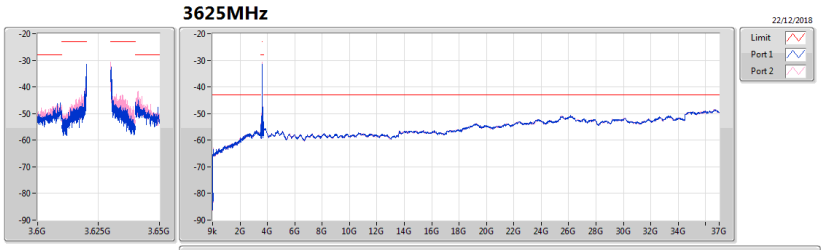
3555MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	117.57k	-71.22	-43.00	-28.22	1	-
50	0	150k	30M	9k	30k	RMS	150k	-65.08	-43.00	-22.08	1	-
50	0	30M	3.53G	1M	3M	RMS	3.53G	-53.02	-43.00	-10.02	1	-
50	0	3.53G	3.54G	1M	3M	RMS	3.53913G	-48.02	-28.00	-20.02	1	-
50	0	3.54G	3.55G	200k	600k	RMS	3.549995G	-32.67	-23.00	-9.67	1	-
50	0	3.56G	3.57G	200k	600k	RMS	3.56G	-32.11	-23.00	-9.11	1	-
50	0	3.57G	3.72G	1M	3M	RMS	3.571275G	-48.12	-28.00	-20.12	1	-
50	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.53	-43.00	-5.53	1	-
50	0	9k	150k	200	10k	RMS	119.826k	-70.12	-43.00	-27.12	2	-
50	0	150k	30M	9k	30k	RMS	150k	-64.48	-43.00	-21.48	2	-
50	0	30M	3.53G	1M	3M	RMS	3.53G	-52.75	-43.00	-9.75	2	-
50	0	3.53G	3.54G	1M	3M	RMS	3.539705G	-45.88	-28.00	-17.88	2	-
50	0	3.54G	3.55G	200k	600k	RMS	3.54991G	-33.90	-23.00	-10.90	2	-
50	0	3.56G	3.57G	200k	600k	RMS	3.560015G	-32.27	-23.00	-9.27	2	-
50	0	3.57G	3.72G	1M	3M	RMS	3.57255G	-43.78	-28.00	-15.78	2	-
50	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.56	-43.00	-5.56	2	-

Band 48_LTE_10MHz_(QPSK)_2TX **CSE-TX**

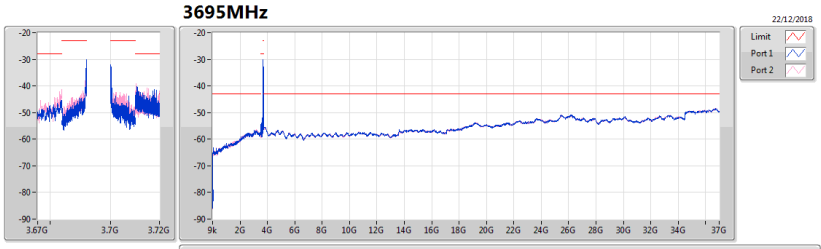
3625MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	117.57k	-70.75	-43.00	-27.75	1	-
50	0	150k	30M	9k	30k	RMS	150k	-65.26	-43.00	-22.26	1	-
50	0	30M	3.53G	1M	3M	RMS	3.215G	-56.46	-43.00	-13.46	1	-
50	0	3.53G	3.61G	1M	3M	RMS	3.60936G	-45.90	-28.00	-17.90	1	-
50	0	3.61G	3.62G	200k	600k	RMS	3.619985G	-31.54	-23.00	-8.54	1	-
50	0	3.63G	3.64G	200k	600k	RMS	3.630125G	-32.53	-23.00	-9.53	1	-
50	0	3.64G	3.72G	1M	3M	RMS	3.6412G	-44.85	-28.00	-16.85	1	-
50	0	3.72G	37G	1M	3M	RMS	36.70048G	-48.49	-43.00	-5.49	1	-
50	0	9k	150k	200	10k	RMS	120.39k	-67.84	-43.00	-24.84	2	-
50	0	150k	30M	9k	30k	RMS	150k	-66.02	-43.00	-23.02	2	-
50	0	30M	3.53G	1M	3M	RMS	3.215G	-56.60	-43.00	-13.60	2	-
50	0	3.53G	3.61G	1M	3M	RMS	3.60864G	-46.46	-28.00	-18.46	2	-
50	0	3.61G	3.62G	200k	600k	RMS	3.61999G	-31.82	-23.00	-8.82	2	-
50	0	3.63G	3.64G	200k	600k	RMS	3.630005G	-30.62	-23.00	-7.62	2	-
50	0	3.64G	3.72G	1M	3M	RMS	3.6412G	-41.47	-28.00	-13.47	2	-
50	0	3.72G	37G	1M	3M	RMS	36.60064G	-48.42	-43.00	-5.42	2	-

Band 48_LTE_10MHz_(QPSK)_2TX **CSE-TX**

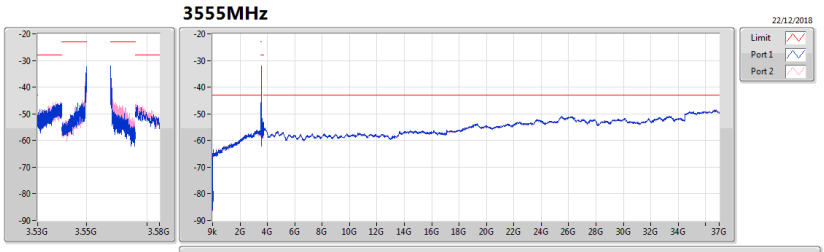
3695MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	119.262k	-71.09	-43.00	-28.09	1	-
50	0	150k	30M	9k	30k	RMS	150k	-65.08	-43.00	-22.08	1	-
50	0	30M	3.53G	1M	3M	RMS	3.054G	-56.68	-43.00	-13.68	1	-
50	0	3.53G	3.68G	1M	3M	RMS	3.6797G	-45.32	-28.00	-17.32	1	-
50	0	3.68G	3.69G	200k	600k	RMS	3.689995G	-30.20	-23.00	-7.20	1	-
50	0	3.7G	3.71G	200k	600k	RMS	3.700005G	-32.04	-23.00	-9.04	1	-
50	0	3.71G	3.72G	1M	3M	RMS	3.710675G	-40.17	-28.00	-12.17	1	-
50	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.57	-43.00	-5.57	1	-
50	0	9k	150k	200	10k	RMS	120.954k	-68.32	-43.00	-25.32	2	-
50	0	150k	30M	9k	30k	RMS	150k	-65.93	-43.00	-22.93	2	-
50	0	30M	3.53G	1M	3M	RMS	3.194G	-56.48	-43.00	-13.48	2	-
50	0	3.53G	3.68G	1M	3M	RMS	3.68G	-41.38	-28.00	-13.38	2	-
50	0	3.68G	3.69G	200k	600k	RMS	3.69G	-32.19	-23.00	-9.19	2	-
50	0	3.7G	3.71G	200k	600k	RMS	3.70017G	-32.89	-23.00	-9.89	2	-
50	0	3.71G	3.72G	1M	3M	RMS	3.71031G	-39.03	-28.00	-11.03	2	-
50	0	3.72G	37G	1M	3M	RMS	36.6672G	-48.51	-43.00	-5.51	2	-

Band 48_LTE_10MHz_(16QAM)_2TX **CSE-TX**

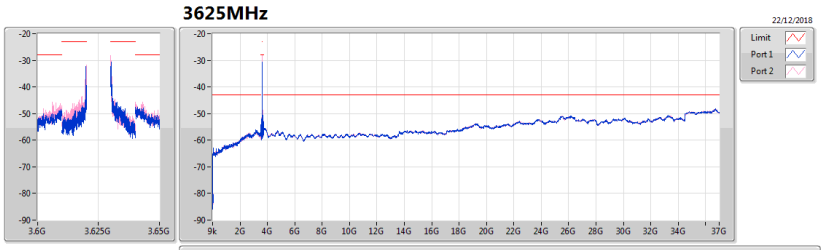
3555MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	116.16k	-69.33	-43.00	-26.33	1	-
50	0	150k	30M	9k	30k	RMS	150k	-64.80	-43.00	-21.80	1	-
50	0	30M	3.53G	1M	3M	RMS	3.53G	-52.70	-43.00	-9.70	1	-
50	0	3.53G	3.54G	1M	3M	RMS	3.53985G	-46.01	-28.00	-18.01	1	-
50	0	3.54G	3.55G	200k	600k	RMS	3.54998G	-32.18	-23.00	-9.18	1	-
50	0	3.56G	3.57G	200k	600k	RMS	3.560015G	-32.12	-23.00	-9.12	1	-
50	0	3.57G	3.72G	1M	3M	RMS	3.57105G	-46.90	-28.00	-18.90	1	-
50	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.59	-43.00	-5.59	1	-
50	0	9k	150k	200	10k	RMS	117.852k	-68.95	-43.00	-25.95	2	-
50	0	150k	30M	9k	30k	RMS	150k	-65.82	-43.00	-22.82	2	-
50	0	30M	3.53G	1M	3M	RMS	3.53G	-55.00	-43.00	-12.00	2	-
50	0	3.53G	3.54G	1M	3M	RMS	3.53936G	-45.33	-28.00	-17.33	2	-
50	0	3.54G	3.55G	200k	600k	RMS	3.54968G	-34.51	-23.00	-11.51	2	-
50	0	3.56G	3.57G	200k	600k	RMS	3.560005G	-34.16	-23.00	-11.16	2	-
50	0	3.57G	3.72G	1M	3M	RMS	3.57045G	-46.25	-28.00	-18.25	2	-
50	0	3.72G	37G	1M	3M	RMS	36.61728G	-48.47	-43.00	-5.47	2	-

Band 48_LTE_10MHz_(16QAM)_2TX **CSE-TX**

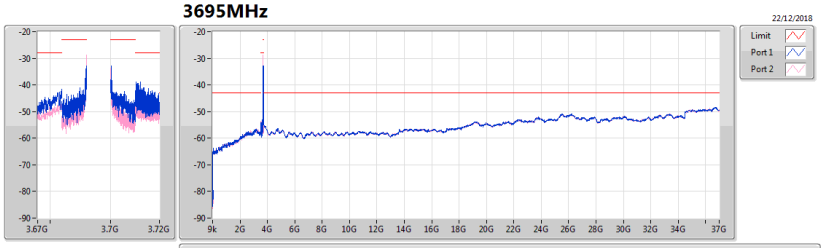
3625MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	115.878k	-70.57	-43.00	-27.57	1	-
50	0	150k	30M	9k	30k	RMS	150k	-65.10	-43.00	-22.10	1	-
50	0	30M	3.53G	1M	3M	RMS	3.152G	-56.14	-43.00	-13.14	1	-
50	0	3.53G	3.61G	1M	3M	RMS	3.60948G	-48.56	-28.00	-20.56	1	-
50	0	3.61G	3.62G	200k	600k	RMS	3.61987G	-32.27	-23.00	-9.27	1	-
50	0	3.63G	3.64G	200k	600k	RMS	3.63012G	-30.56	-23.00	-7.56	1	-
50	0	3.64G	3.72G	1M	3M	RMS	3.64096G	-47.51	-28.00	-19.51	1	-
50	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.17	-43.00	-5.17	1	-
50	0	9k	150k	200	10k	RMS	120.108k	-68.29	-43.00	-25.29	2	-
50	0	150k	30M	9k	30k	RMS	150k	-65.18	-43.00	-22.18	2	-
50	0	30M	3.53G	1M	3M	RMS	3.222G	-56.51	-43.00	-13.51	2	-
50	0	3.53G	3.61G	1M	3M	RMS	3.60612G	-45.76	-28.00	-17.76	2	-
50	0	3.61G	3.62G	200k	600k	RMS	3.619995G	-31.86	-23.00	-8.86	2	-
50	0	3.63G	3.64G	200k	600k	RMS	3.630075G	-28.09	-23.00	-5.09	2	-
50	0	3.64G	3.72G	1M	3M	RMS	3.64304G	-45.66	-28.00	-17.66	2	-
50	0	3.72G	37G	1M	3M	RMS	36.61728G	-48.42	-43.00	-5.42	2	-

Band 48_LTE_10MHz_(16QAM)_2TX **CSE-TX**

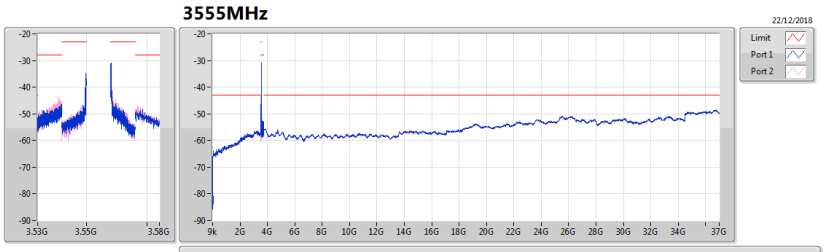
3695MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	117.852k	-70.45	-43.00	-27.45	1	-
50	0	150k	30M	9k	30k	RMS	150k	-65.24	-43.00	-22.24	1	-
50	0	30M	3.53G	1M	3M	RMS	3.215G	-56.58	-43.00	-13.58	1	-
50	0	3.53G	3.68G	1M	3M	RMS	3.679775G	-41.68	-28.00	-13.68	1	-
50	0	3.68G	3.69G	200k	600k	RMS	3.69G	-32.74	-23.00	-9.74	1	-
50	0	3.7G	3.71G	200k	600k	RMS	3.70022G	-32.95	-23.00	-9.95	1	-
50	0	3.71G	3.72G	1M	3M	RMS	3.71048G	-38.77	-28.00	-10.77	1	-
50	0	3.72G	37G	1M	3M	RMS	36.78368G	-48.37	-43.00	-5.37	1	-
50	0	9k	150k	200	10k	RMS	118.98k	-68.73	-43.00	-25.73	2	-
50	0	150k	30M	9k	30k	RMS	150k	-66.42	-43.00	-23.42	2	-
50	0	30M	3.53G	1M	3M	RMS	3.208G	-56.49	-43.00	-13.49	2	-
50	0	3.53G	3.68G	1M	3M	RMS	3.67985G	-47.16	-28.00	-19.16	2	-
50	0	3.68G	3.69G	200k	600k	RMS	3.68999G	-28.87	-23.00	-5.87	2	-
50	0	3.7G	3.71G	200k	600k	RMS	3.700045G	-33.79	-23.00	-10.79	2	-
50	0	3.71G	3.72G	1M	3M	RMS	3.710505G	-45.89	-28.00	-17.89	2	-
50	0	3.72G	37G	1M	3M	RMS	36.76704G	-48.53	-43.00	-5.53	2	-

Band 48_LTE_10MHz_(64QAM)_2TX **CSE-TX**

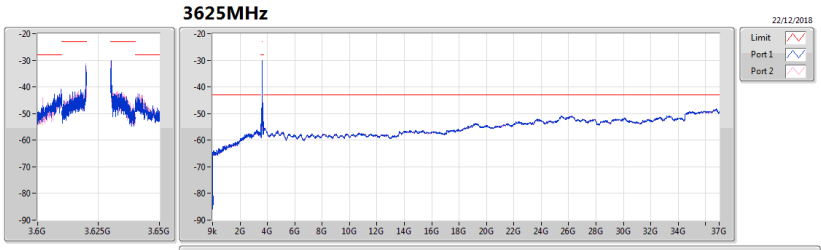
3555MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	118.134k	-70.31	-43.00	-27.31	1	-
50	0	150k	30M	9k	30k	RMS	150k	-66.00	-43.00	-23.00	1	-
50	0	30M	3.53G	1M	3M	RMS	3.53G	-54.30	-43.00	-11.30	1	-
50	0	3.53G	3.54G	1M	3M	RMS	3.53964G	-46.61	-28.00	-18.61	1	-
50	0	3.54G	3.55G	200k	600k	RMS	3.549855G	-34.67	-23.00	-11.67	1	-
50	0	3.56G	3.57G	200k	600k	RMS	3.560125G	-30.89	-23.00	-7.89	1	-
50	0	3.57G	3.72G	1M	3M	RMS	3.573075G	-48.16	-28.00	-20.16	1	-
50	0	3.72G	37G	1M	3M	RMS	36.76704G	-48.53	-43.00	-5.53	1	-
50	0	9k	150k	200	10k	RMS	119.544k	-70.26	-43.00	-27.26	2	-
50	0	150k	30M	9k	30k	RMS	150k	-66.00	-43.00	-23.00	2	-
50	0	30M	3.53G	1M	3M	RMS	3.53G	-52.68	-43.00	-9.68	2	-
50	0	3.53G	3.54G	1M	3M	RMS	3.53842G	-43.55	-28.00	-15.55	2	-
50	0	3.54G	3.55G	200k	600k	RMS	3.549915G	-35.27	-23.00	-12.27	2	-
50	0	3.56G	3.57G	200k	600k	RMS	3.56001G	-32.39	-23.00	-9.39	2	-
50	0	3.57G	3.72G	1M	3M	RMS	3.57105G	-46.94	-28.00	-18.94	2	-
50	0	3.72G	37G	1M	3M	RMS	36.76704G	-48.41	-43.00	-5.41	2	-

Band 48_LTE_10MHz_(64QAM)_2TX **CSE-TX**

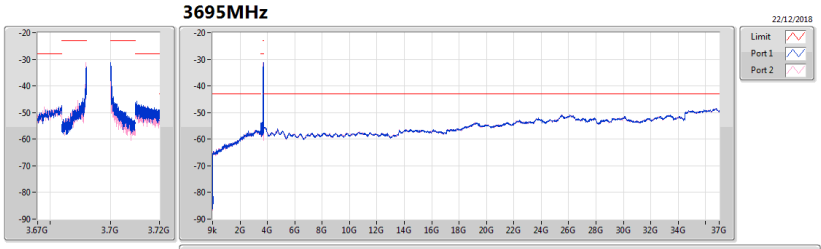
3625MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	116.442k	-68.47	-43.00	-25.47	1	-
50	0	150k	30M	9k	30k	RMS	150k	-64.54	-43.00	-21.54	1	-
50	0	30M	3.53G	1M	3M	RMS	3.264G	-56.19	-43.00	-13.19	1	-
50	0	3.53G	3.61G	1M	3M	RMS	3.60964G	-41.10	-28.00	-13.10	1	-
50	0	3.61G	3.62G	200k	600k	RMS	3.61986G	-32.05	-23.00	-9.05	1	-
50	0	3.63G	3.64G	200k	600k	RMS	3.63013G	-30.24	-23.00	-7.24	1	-
50	0	3.64G	3.72G	1M	3M	RMS	3.64148G	-42.79	-28.00	-14.79	1	-
50	0	3.72G	37G	1M	3M	RMS	36.76704G	-48.28	-43.00	-5.28	1	-
50	0	9k	150k	200	10k	RMS	116.442k	-71.07	-43.00	-28.07	2	-
50	0	150k	30M	9k	30k	RMS	150k	-64.90	-43.00	-21.90	2	-
50	0	30M	3.53G	1M	3M	RMS	3.187G	-56.54	-43.00	-13.54	2	-
50	0	3.53G	3.61G	1M	3M	RMS	3.60948G	-40.60	-28.00	-12.60	2	-
50	0	3.61G	3.62G	200k	600k	RMS	3.619885G	-31.31	-23.00	-8.31	2	-
50	0	3.63G	3.64G	200k	600k	RMS	3.630075G	-30.28	-23.00	-7.28	2	-
50	0	3.64G	3.72G	1M	3M	RMS	3.64088G	-42.31	-28.00	-14.31	2	-
50	0	3.72G	37G	1M	3M	RMS	36.63392G	-48.42	-43.00	-5.42	2	-

Band 48_LTE_10MHz_(64QAM)_2TX **CSE-TX**

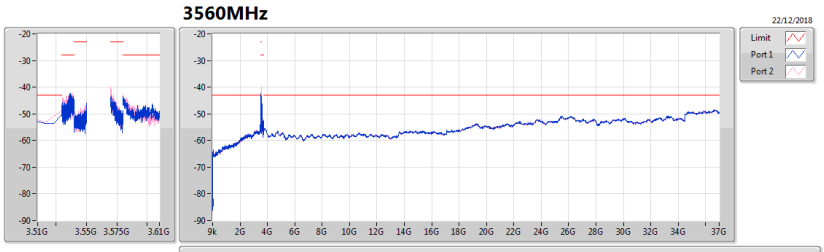
3695MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
50	0	9k	150k	200	10k	RMS	117.006k	-72.15	-43.00	-29.15	1	-
50	0	150k	30M	9k	30k	RMS	150k	-65.47	-43.00	-22.47	1	-
50	0	30M	3.53G	1M	3M	RMS	3.194G	-56.53	-43.00	-13.53	1	-
50	0	3.53G	3.68G	1M	3M	RMS	3.67985G	-47.40	-28.00	-19.40	1	-
50	0	3.68G	3.69G	200k	600k	RMS	3.68997G	-32.90	-23.00	-9.90	1	-
50	0	3.7G	3.71G	200k	600k	RMS	3.70002G	-31.23	-23.00	-8.23	1	-
50	0	3.71G	3.72G	1M	3M	RMS	3.710755G	-45.77	-28.00	-17.77	1	-
50	0	3.72G	37G	1M	3M	RMS	36.76704G	-48.39	-43.00	-5.39	1	-
50	0	9k	150k	200	10k	RMS	121.8k	-71.90	-43.00	-28.90	2	-
50	0	150k	30M	9k	30k	RMS	150k	-65.08	-43.00	-22.08	2	-
50	0	30M	3.53G	1M	3M	RMS	3.173G	-56.51	-43.00	-13.51	2	-
50	0	3.53G	3.68G	1M	3M	RMS	3.6797G	-47.78	-28.00	-19.78	2	-
50	0	3.68G	3.69G	200k	600k	RMS	3.689895G	-31.30	-23.00	-8.30	2	-
50	0	3.7G	3.71G	200k	600k	RMS	3.700045G	-33.21	-23.00	-10.21	2	-
50	0	3.71G	3.72G	1M	3M	RMS	3.71027G	-47.15	-28.00	-19.15	2	-
50	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.38	-43.00	-5.38	2	-

Band 48_LTE_20MHz_(QPSK)_2TX **CSE-TX**

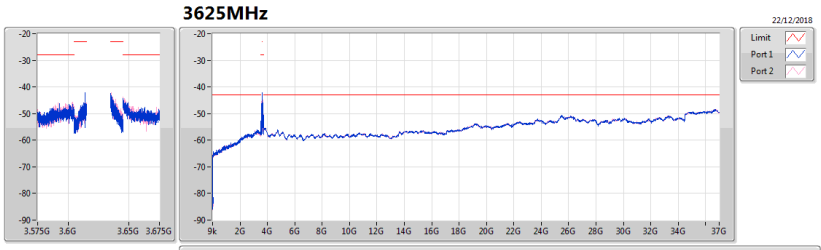
3560MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	118.134k	-70.64	-43.00	-27.64	1	-
100	0	150k	30M	9k	30k	RMS	150k	-64.27	-43.00	-21.27	1	-
100	0	30M	3.53G	1M	3M	RMS	3.53G	-50.34	-43.00	-7.34	1	-
100	0	3.53G	3.54G	1M	3M	RMS	3.536725G	-42.32	-28.00	-14.32	1	-
100	0	3.54G	3.55G	200k	600k	RMS	3.54999G	-45.87	-23.00	-22.87	1	-
100	0	3.57G	3.58G	200k	600k	RMS	3.57047G	-43.34	-23.00	-20.34	1	-
100	0	3.58G	3.72G	1M	3M	RMS	3.58035G	-43.58	-28.00	-15.58	1	-
100	0	3.72G	37G	1M	3M	RMS	36.61728G	-48.40	-43.00	-5.40	1	-
100	0	9k	150k	200	10k	RMS	116.724k	-69.92	-43.00	-26.92	2	-
100	0	150k	30M	9k	30k	RMS	150k	-64.57	-43.00	-21.57	2	-
100	0	30M	3.53G	1M	3M	RMS	3.53G	-49.12	-43.00	-6.12	2	-
100	0	3.53G	3.54G	1M	3M	RMS	3.53887G	-42.30	-28.00	-14.30	2	-
100	0	3.54G	3.55G	200k	600k	RMS	3.54909G	-46.68	-23.00	-23.68	2	-
100	0	3.57G	3.58G	200k	600k	RMS	3.57G	-40.00	-23.00	-17.00	2	-
100	0	3.58G	3.72G	1M	3M	RMS	3.58007G	-42.75	-28.00	-14.75	2	-
100	0	3.72G	37G	1M	3M	RMS	36.73376G	-48.39	-43.00	-5.39	2	-

Band 48_LTE_20MHz_(QPSK)_2TX **CSE-TX**

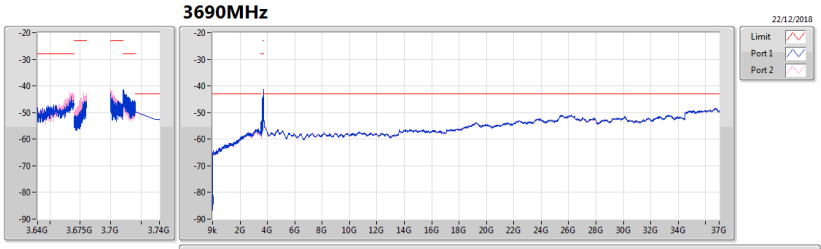
3625MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	116.442k	-72.60	-43.00	-29.60	1	-
100	0	150k	30M	9k	30k	RMS	150k	-65.54	-43.00	-22.54	1	-
100	0	30M	3.53G	1M	3M	RMS	3.222G	-56.22	-43.00	-13.22	1	-
100	0	3.53G	3.605G	1M	3M	RMS	3.592738G	-46.25	-28.00	-18.25	1	-
100	0	3.605G	3.615G	200k	600k	RMS	3.613925G	-42.03	-23.00	-19.03	1	-
100	0	3.635G	3.645G	200k	600k	RMS	3.635005G	-42.30	-23.00	-19.30	1	-
100	0	3.645G	3.72G	1M	3M	RMS	3.645338G	-44.23	-28.00	-16.23	1	-
100	0	3.72G	37G	1M	3M	RMS	36.73376G	-48.37	-43.00	-5.37	1	-
100	0	9k	150k	200	10k	RMS	118.416k	-69.97	-43.00	-26.97	2	-
100	0	150k	30M	9k	30k	RMS	150k	-65.36	-43.00	-22.36	2	-
100	0	30M	3.53G	1M	3M	RMS	3.103G	-56.47	-43.00	-13.47	2	-
100	0	3.53G	3.605G	1M	3M	RMS	3.568813G	-45.38	-28.00	-17.38	2	-
100	0	3.605G	3.615G	200k	600k	RMS	3.613475G	-45.86	-23.00	-22.86	2	-
100	0	3.635G	3.645G	200k	600k	RMS	3.635185G	-42.18	-23.00	-19.18	2	-
100	0	3.645G	3.72G	1M	3M	RMS	3.645G	-43.77	-28.00	-15.77	2	-
100	0	3.72G	37G	1M	3M	RMS	36.78368G	-48.40	-43.00	-5.40	2	-

Band 48_LTE_20MHz_(QPSK)_2TX **CSE-TX**

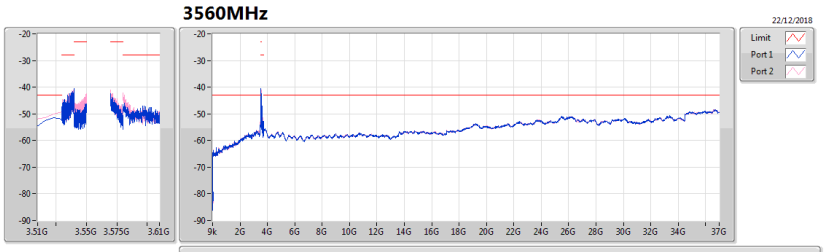
3690MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	118.134k	-69.96	-43.00	-26.96	1	-
100	0	150k	30M	9k	30k	RMS	150k	-65.18	-43.00	-22.18	1	-
100	0	30M	3.53G	1M	3M	RMS	3.341G	-56.23	-43.00	-13.23	1	-
100	0	3.53G	3.67G	1M	3M	RMS	3.66769G	-43.93	-28.00	-15.93	1	-
100	0	3.67G	3.68G	200k	600k	RMS	3.67856G	-45.65	-23.00	-22.65	1	-
100	0	3.7G	3.71G	200k	600k	RMS	3.70002G	-42.68	-23.00	-19.68	1	-
100	0	3.71G	3.72G	1M	3M	RMS	3.710755G	-41.42	-28.00	-13.42	1	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.51	-43.00	-5.51	1	-
100	0	9k	150k	200	10k	RMS	118.698k	-71.21	-43.00	-28.21	2	-
100	0	150k	30M	9k	30k	RMS	150k	-64.93	-43.00	-21.93	2	-
100	0	30M	3.53G	1M	3M	RMS	3.222G	-56.88	-43.00	-13.88	2	-
100	0	3.53G	3.67G	1M	3M	RMS	3.66832G	-42.37	-28.00	-14.37	2	-
100	0	3.67G	3.68G	200k	600k	RMS	3.677935G	-42.34	-23.00	-19.34	2	-
100	0	3.7G	3.71G	200k	600k	RMS	3.700005G	-41.22	-23.00	-18.22	2	-
100	0	3.71G	3.72G	1M	3M	RMS	3.711G	-42.06	-28.00	-14.06	2	-
100	0	3.72G	37G	1M	3M	RMS	36.73376G	-48.35	-43.00	-5.35	2	-

Band 48_LTE_20MHz_(16QAM)_2TX **CSE-TX**

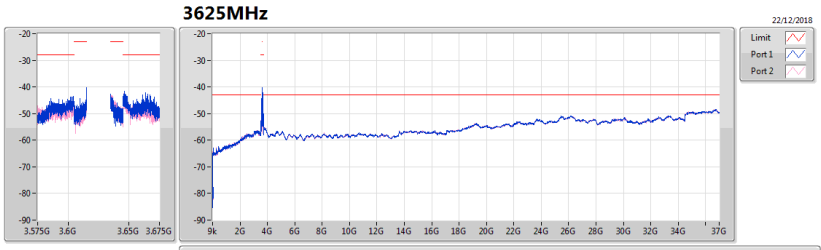
3560MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	119.262k	-70.32	-43.00	-27.32	1	-
100	0	150k	30M	9k	30k	RMS	150k	-64.45	-43.00	-21.45	1	-
100	0	30M	3.53G	1M	3M	RMS	3.523G	-51.52	-43.00	-8.52	1	-
100	0	3.53G	3.54G	1M	3M	RMS	3.539705G	-40.53	-28.00	-12.53	1	-
100	0	3.54G	3.55G	200k	600k	RMS	3.54867G	-46.26	-23.00	-23.26	1	-
100	0	3.57G	3.58G	200k	600k	RMS	3.57006G	-42.47	-23.00	-19.47	1	-
100	0	3.58G	3.72G	1M	3M	RMS	3.5814G	-46.06	-28.00	-18.06	1	-
100	0	3.72G	37G	1M	3M	RMS	36.73376G	-48.49	-43.00	-5.49	1	-
100	0	9k	150k	200	10k	RMS	121.8k	-70.23	-43.00	-27.23	2	-
100	0	150k	30M	9k	30k	RMS	150k	-64.88	-43.00	-21.88	2	-
100	0	30M	3.53G	1M	3M	RMS	3.53G	-49.20	-43.00	-6.20	2	-
100	0	3.53G	3.54G	1M	3M	RMS	3.53955G	-40.93	-28.00	-12.93	2	-
100	0	3.54G	3.55G	200k	600k	RMS	3.549865G	-42.35	-23.00	-19.35	2	-
100	0	3.57G	3.58G	200k	600k	RMS	3.57005G	-41.05	-23.00	-18.05	2	-
100	0	3.58G	3.72G	1M	3M	RMS	3.58021G	-42.14	-28.00	-14.14	2	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.44	-43.00	-5.44	2	-

Band 48_LTE_20MHz_(16QAM)_2TX **CSE-TX**

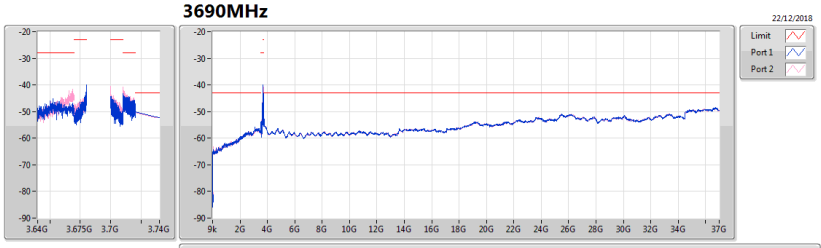
3625MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	115.596k	-70.12	-43.00	-27.12	1	-
100	0	150k	30M	9k	30k	RMS	150k	-64.84	-43.00	-21.84	1	-
100	0	30M	3.53G	1M	3M	RMS	3.285G	-56.37	-43.00	-13.37	1	-
100	0	3.53G	3.605G	1M	3M	RMS	3.6041G	-43.57	-28.00	-15.57	1	-
100	0	3.605G	3.615G	200k	600k	RMS	3.61485G	-40.19	-23.00	-17.19	1	-
100	0	3.635G	3.645G	200k	600k	RMS	3.635085G	-42.65	-23.00	-19.65	1	-
100	0	3.645G	3.72G	1M	3M	RMS	3.646275G	-41.73	-28.00	-13.73	1	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.41	-43.00	-5.41	1	-
100	0	9k	150k	200	10k	RMS	121.236k	-68.80	-43.00	-25.80	2	-
100	0	150k	30M	9k	30k	RMS	150k	-64.18	-43.00	-21.18	2	-
100	0	30M	3.53G	1M	3M	RMS	3.271G	-56.34	-43.00	-13.34	2	-
100	0	3.53G	3.605G	1M	3M	RMS	3.600613G	-45.81	-28.00	-17.81	2	-
100	0	3.605G	3.615G	200k	600k	RMS	3.614895G	-45.87	-23.00	-22.87	2	-
100	0	3.635G	3.645G	200k	600k	RMS	3.63595G	-43.32	-23.00	-20.32	2	-
100	0	3.645G	3.72G	1M	3M	RMS	3.645713G	-42.50	-28.00	-14.50	2	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.37	-43.00	-5.37	2	-

Band 48_LTE_20MHz_(16QAM)_2TX **CSE-TX**

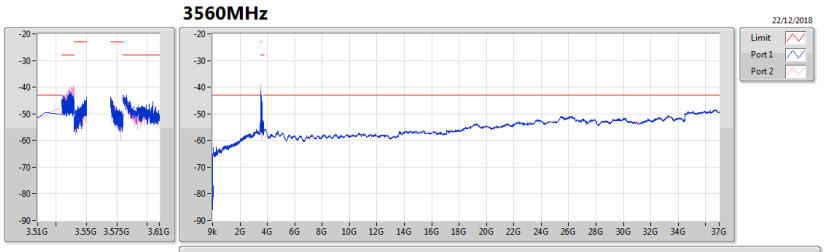
3690MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	115.878k	-70.39	-43.00	-27.39	1	-
100	0	150k	30M	9k	30k	RMS	150k	-65.04	-43.00	-22.04	1	-
100	0	30M	3.53G	1M	3M	RMS	3.11G	-55.82	-43.00	-12.82	1	-
100	0	3.53G	3.67G	1M	3M	RMS	3.65257G	-45.19	-28.00	-17.19	1	-
100	0	3.67G	3.68G	200k	600k	RMS	3.67999G	-39.92	-23.00	-16.92	1	-
100	0	3.7G	3.71G	200k	600k	RMS	3.700525G	-44.22	-23.00	-21.22	1	-
100	0	3.71G	3.72G	1M	3M	RMS	3.71028G	-43.28	-28.00	-15.28	1	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.41	-43.00	-5.41	1	-
100	0	9k	150k	200	10k	RMS	121.236k	-71.08	-43.00	-28.08	2	-
100	0	150k	30M	9k	30k	RMS	150k	-64.99	-43.00	-21.99	2	-
100	0	30M	3.53G	1M	3M	RMS	3.18G	-56.25	-43.00	-13.25	2	-
100	0	3.53G	3.67G	1M	3M	RMS	3.66895G	-41.71	-28.00	-13.71	2	-
100	0	3.67G	3.68G	200k	600k	RMS	3.67996G	-41.66	-23.00	-18.66	2	-
100	0	3.7G	3.71G	200k	600k	RMS	3.700005G	-40.43	-23.00	-17.43	2	-
100	0	3.71G	3.72G	1M	3M	RMS	3.710115G	-40.68	-28.00	-12.68	2	-
100	0	3.72G	37G	1M	3M	RMS	36.61728G	-48.59	-43.00	-5.59	2	-

Band 48_LTE_20MHz_(64QAM)_2TX **CSE-TX**

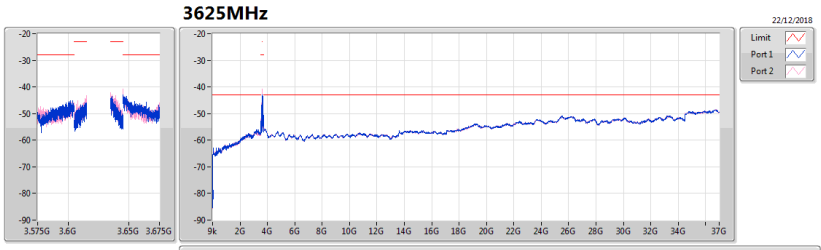
3560MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	118.134k	-70.79	-43.00	-27.79	1	-
100	0	150k	30M	9k	30k	RMS	150k	-65.06	-43.00	-22.06	1	-
100	0	30M	3.53G	1M	3M	RMS	3.516G	-49.55	-43.00	-6.55	1	-
100	0	3.53G	3.54G	1M	3M	RMS	3.535515G	-41.28	-28.00	-13.28	1	-
100	0	3.54G	3.55G	200k	600k	RMS	3.549905G	-43.68	-23.00	-20.68	1	-
100	0	3.57G	3.58G	200k	600k	RMS	3.57008G	-43.69	-23.00	-20.69	1	-
100	0	3.58G	3.72G	1M	3M	RMS	3.58322G	-42.91	-28.00	-14.91	1	-
100	0	3.72G	37G	1M	3M	RMS	36.73376G	-48.41	-43.00	-5.41	1	-
100	0	9k	150k	200	10k	RMS	122.082k	-67.34	-43.00	-24.34	2	-
100	0	150k	30M	9k	30k	RMS	150k	-65.38	-43.00	-22.38	2	-
100	0	30M	3.53G	1M	3M	RMS	3.53G	-47.90	-43.00	-4.90	2	-
100	0	3.53G	3.54G	1M	3M	RMS	3.53948G	-39.03	-28.00	-11.03	2	-
100	0	3.54G	3.55G	200k	600k	RMS	3.549915G	-43.67	-23.00	-20.67	2	-
100	0	3.57G	3.58G	200k	600k	RMS	3.570175G	-43.49	-23.00	-20.49	2	-
100	0	3.58G	3.72G	1M	3M	RMS	3.58084G	-42.99	-28.00	-14.99	2	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.51	-43.00	-5.51	2	-

Band 48_LTE_20MHz_(64QAM)_2TX **CSE-TX**

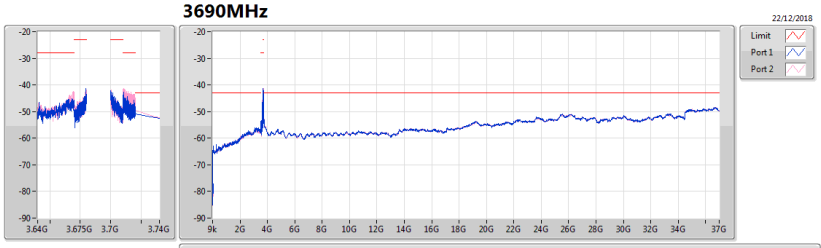
3625MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	114.75k	-67.80	-43.00	-24.80	1	-
100	0	150k	30M	9k	30k	RMS	150k	-65.37	-43.00	-22.37	1	-
100	0	30M	3.53G	1M	3M	RMS	3.201G	-55.96	-43.00	-12.96	1	-
100	0	3.53G	3.605G	1M	3M	RMS	3.603875G	-45.25	-28.00	-17.25	1	-
100	0	3.605G	3.615G	200k	600k	RMS	3.614975G	-45.84	-23.00	-22.84	1	-
100	0	3.635G	3.645G	200k	600k	RMS	3.63588G	-43.40	-23.00	-20.40	1	-
100	0	3.645G	3.72G	1M	3M	RMS	3.645188G	-42.86	-28.00	-14.86	1	-
100	0	3.72G	37G	1M	3M	RMS	36.70048G	-48.59	-43.00	-5.59	1	-
100	0	9k	150k	200	10k	RMS	121.518k	-68.49	-43.00	-25.49	2	-
100	0	150k	30M	9k	30k	RMS	150k	-65.69	-43.00	-22.69	2	-
100	0	30M	3.53G	1M	3M	RMS	3.215G	-56.59	-43.00	-13.59	2	-
100	0	3.53G	3.605G	1M	3M	RMS	3.602788G	-45.69	-28.00	-17.69	2	-
100	0	3.605G	3.615G	200k	600k	RMS	3.614875G	-43.34	-23.00	-20.34	2	-
100	0	3.635G	3.645G	200k	600k	RMS	3.635G	-42.03	-23.00	-19.03	2	-
100	0	3.645G	3.72G	1M	3M	RMS	3.645188G	-40.91	-28.00	-12.91	2	-
100	0	3.72G	37G	1M	3M	RMS	36.78368G	-48.36	-43.00	-5.36	2	-

Band 48_LTE_20MHz_(64QAM)_2TX **CSE-TX**

3690MHz



RB	RB Start	F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark
100	0	9k	150k	200	10k	RMS	121.518k	-68.74	-43.00	-25.74	1	-
100	0	150k	30M	9k	30k	RMS	150k	-64.46	-43.00	-21.46	1	-
100	0	30M	3.53G	1M	3M	RMS	3.11G	-56.02	-43.00	-13.02	1	-
100	0	3.53G	3.67G	1M	3M	RMS	3.66832G	-45.24	-28.00	-17.24	1	-
100	0	3.67G	3.68G	200k	600k	RMS	3.67969G	-41.20	-23.00	-18.20	1	-
100	0	3.7G	3.71G	200k	600k	RMS	3.700075G	-42.04	-23.00	-19.04	1	-
100	0	3.71G	3.72G	1M	3M	RMS	3.710435G	-42.57	-28.00	-14.57	1	-
100	0	3.72G	37G	1M	3M	RMS	36.7504G	-48.43	-43.00	-5.43	1	-
100	0	9k	150k	200	10k	RMS	115.596k	-70.80	-43.00	-27.80	2	-
100	0	150k	30M	9k	30k	RMS	150k	-65.31	-43.00	-22.31	2	-
100	0	30M	3.53G	1M	3M	RMS	3.236G	-56.53	-43.00	-13.53	2	-
100	0	3.53G	3.67G	1M	3M	RMS	3.66951G	-42.45	-28.00	-14.45	2	-
100	0	3.67G	3.68G	200k	600k	RMS	3.68G	-41.75	-23.00	-18.75	2	-
100	0	3.7G	3.71G	200k	600k	RMS	3.70045G	-41.83	-23.00	-18.83	2	-
100	0	3.71G	3.72G	1M	3M	RMS	3.710395G	-41.26	-28.00	-13.26	2	-
100	0	3.72G	37G	1M	3M	RMS	36.76704G	-48.54	-43.00	-5.54	2	-

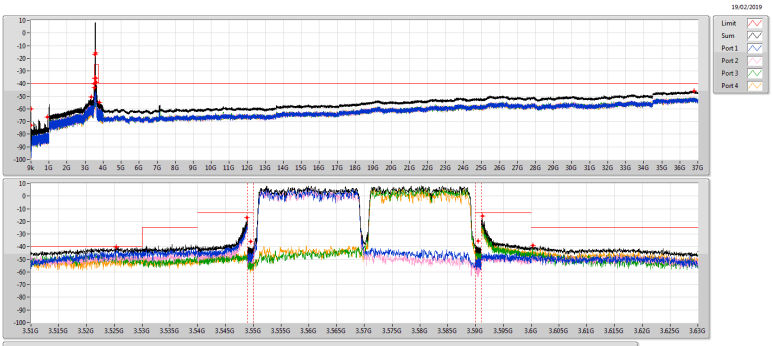
<Multi-carrier and/or CA>

Summary

Mode	Setting	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
Band 48	-	-	-	-	-	-	-	-	-	-	-	-
Band 48_LTE_20MHz+20MHz_QPSK_4TX	22	Pass	3.51G	3.54G	1M	3M	RMS	3.52536G	-40.18	-40.00	-0.18	-
Band 48_LTE_20MHz+20MHz_16QAM_4TX	22	Pass	3.71G	3.74G	1M	3M	RMS	3.72263G	-40.09	-40.00	-0.09	-
Band 48_LTE_20MHz+20MHz_64QAM_4TX	22	Pass	3.51G	3.54G	1M	3M	RMS	3.52407G	-40.27	-40.00	-0.27	-

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

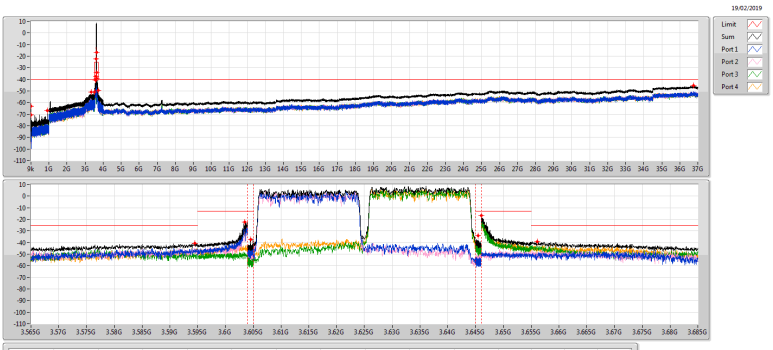
P#3560MHz,#3580MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	120.602k	-73.09	-40.00	-33.09	-	-	-82.89	-87.11	-81.38	-74.59
150k	30M	10k	30k	RMS	10.001M	-60.01	-40.00	-20.01	-	-	-66.31	-65.53	-65.67	-66.71
30M	1G	100k	300k	RMS	909.38M	-66.59	-40.00	-26.59	-	-	-72.15	-72.86	-73.12	-72.38
1G	3.45G	1M	3M	RMS	3.34122G	-50.46	-40.00	-10.46	-	-	-52.89	-59.22	-57.45	-60.65
3.45G	3.51G	1M	3M	RMS	3.50889G	-43.08	-40.00	-3.08	-	-	-53.48	-59.87	-45.68	-50.22
3.51G	3.54G	1M	3M	RMS	3.52536G	-40.18	-40.00	-0.18	-	-	-43.27	-47.29	-47.57	-48.99
3.54G	3.549G	1M	3M	RMS	3.54889G	-17.26	-13.00	-4.26	-	-	-22.46	-18.84	-46.51	-47.31
3.549G	3.55G	200k	1M	RMS	3.5495G	-36.17	-13.00	-23.17	MBW 1M	-	-42.45	-44.73	-55.27	-54.45
3.5G	3.591G	200k	1M	RMS	3.5905G	-35.58	-13.00	-22.58	MBW 1M	-	-53.08	-54.72	-42.66	-41.67
3.591G	3.6G	1M	3M	RMS	3.59122G	-15.88	-13.00	-2.88	-	-	-49.56	-49.12	-25.78	-16.35
3.6G	3.63G	1M	3M	RMS	3.60033G	-39.02	-25.00	-14.02	-	-	-48.93	-52.99	-41.46	-44.42
3.63G	4G	1M	3M	RMS	3.80212G	-54.84	-40.00	-14.84	-	-	-62.35	-60.05	-59.28	-62.74
4G	37G	1M	3M	RMS	36.80365G	-45.83	-40.00	-5.83	-	-	-51.26	-53.34	-52.11	-51.06

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

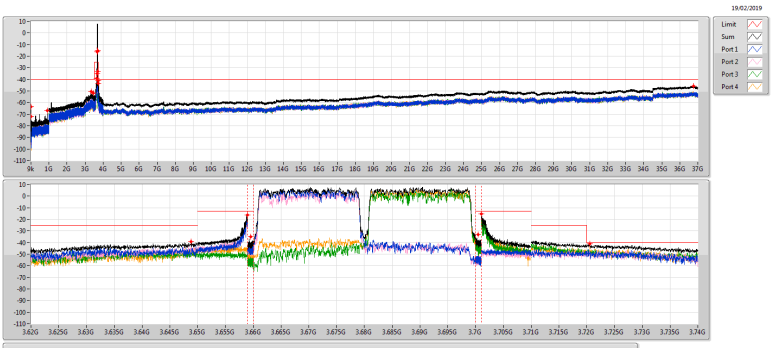
P#3615MHz,#3635MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	117.64k	-70.60	-40.00	-30.60	-	-	-75.44	-78.04	-76.75	-76.64
150k	30M	10k	30k	RMS	10.001M	-63.16	-40.00	-23.16	-	-	-67.82	-69.51	-69.66	-70.11
30M	1G	100k	300k	RMS	909.38M	-66.87	-40.00	-26.87	-	-	-73.22	-73.09	-72.89	-72.40
1G	3.45G	1M	3M	RMS	3.34122G	-50.89	-40.00	-10.89	-	-	-53.54	-61.00	-57.21	-59.87
3.45G	3.565G	1M	3M	RMS	3.52883G	-51.01	-40.00	-11.01	-	-	-54.28	-56.25	-63.14	-58.73
3.565G	3.595G	1M	3M	RMS	3.59449G	-40.52	-25.00	-15.52	-	-	-45.66	-46.00	-47.54	-47.27
3.595G	3.604G	1M	3M	RMS	3.60344G	-22.14	-13.00	-9.14	-	-	-22.89	-30.29	-49.66	-45.84
3.604G	3.605G	200k	1M	RMS	3.6045G	-37.23	-13.00	-24.23	MBW 1M	-	-37.18	-48.54	-57.17	-51.09
3.645G	3.646G	200k	1M	RMS	3.6455G	-34.16	-13.00	-21.16	MBW 1M	-	-57.02	-55.88	-45.20	-38.31
3.646G	3.655G	1M	3M	RMS	3.6464G	-16.62	-13.00	-3.62	-	-	-49.83	-51.95	-20.45	-18.95
3.655G	3.685G	1M	3M	RMS	3.65608G	-39.33	-25.00	-14.33	-	-	-50.92	-48.39	-43.30	-43.24
3.685G	4G	1M	3M	RMS	3.72088G	-49.60	-40.00	-9.60	-	-	-58.84	-59.73	-56.13	-52.10
4G	37G	1M	3M	RMS	36.76405G	-45.46	-40.00	-5.46	-	-	-50.61	-52.68	-52.34	-50.70

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

P#3670MHz,#3690MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0

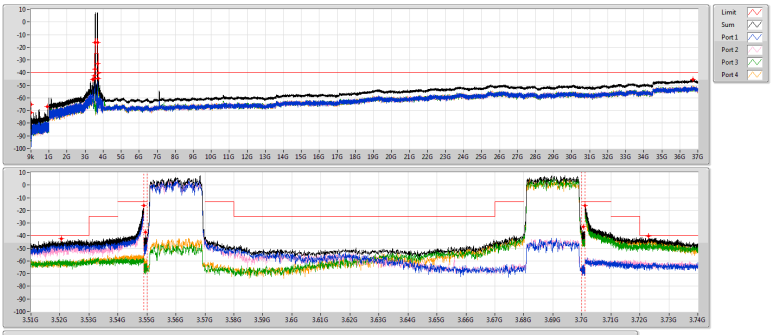


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	119.896k	-72.03	-40.00	-32.03	-	-	-85.79	-77.69	-74.35	-81.98
150k	30M	10k	30k	RMS	10.001M	-63.52	-40.00	-23.52	-	-	-70.67	-71.10	-71.23	-66.87
30M	1G	100k	300k	RMS	909.38M	-66.79	-40.00	-26.79	-	-	-73.28	-72.87	-72.51	-72.61
1G	3.45G	1M	3M	RMS	3.34098G	-50.66	-40.00	-10.66	-	-	-53.72	-59.87	-55.80	-61.50
3.45G	3.62G	1M	3M	RMS	3.45604G	-51.75	-40.00	-11.75	-	-	-56.96	-61.49	-54.87	-61.50
3.62G	3.65G	1M	3M	RMS	3.6488G	-39.32	-25.00	-14.32	-	-	-49.90	-42.31	-49.90	-44.24
3.65G	3.659G	1M	3M	RMS	3.65893G	-16.26	-13.00	-3.26	-	-	-17.19	-23.43	-50.77	-45.09
3.659G	3.66G	200k	1M	RMS	3.6595G	-34.81	-13.00	-21.81	MBW 1M	-	-38.24	-43.43	-56.64	-55.80
3.7G	3.701G	200k	1M	RMS	3.7005G	-33.25	-13.00	-20.25	MBW 1M	-	-56.27	-54.19	-38.63	-39.63
3.701G	3.71G	1M	3M	RMS	3.70109G	-15.50	-13.00	-2.50	-	-	-47.89	-49.70	-23.52	-16.25
3.71G	3.74G	1M	3M	RMS	3.72056G	-40.89	-40.00	-0.89	-	-	-47.44	-50.17	-48.68	-43.95
3.74G	4G	1M	3M	RMS	3.74434G	-43.66	-40.00	-3.66	-	-	-49.83	-57.20	-46.22	-51.62
4G	37G	1M	3M	RMS	36.7492G	-45.81	-40.00	-5.81	-	-	-52.00	-51.99	-52.05	-51.32

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

P#3560MHz,#3690MHz_QPSK_RB 100,#RB 0+RB 100,#RB 0

19/02/2019

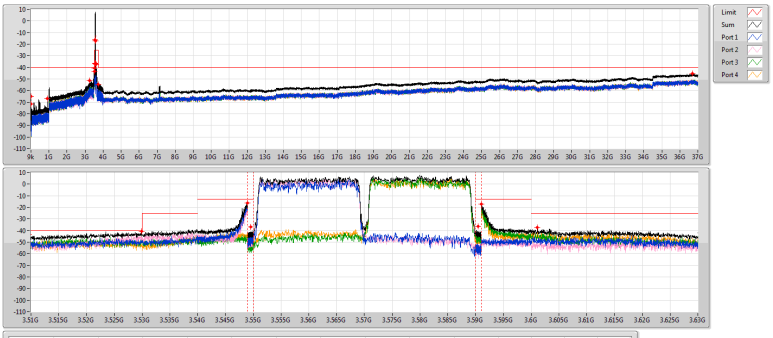


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	122.294k	-71.72	-40.00	-31.72	-	-	-77.26	-78.45	-82.37	-75.47
150k	30M	10k	30k	RMS	10.001M	-65.37	-40.00	-25.37	-	-	-70.21	-70.82	-72.76	-72.25
30M	1G	100k	300k	RMS	909.88M	-66.78	-40.00	-26.78	-	-	-73.00	-72.55	-72.76	-72.89
1G	3.45G	1M	3M	RMS	3.43677G	-45.62	-40.00	-5.62	-	-	-51.75	-47.38	-59.84	-58.57
3.45G	3.51G	1M	3M	RMS	3.50175G	-45.05	-40.00	-5.05	-	-	-47.23	-49.72	-61.79	-59.93
3.51G	3.54G	1M	3M	RMS	3.52041G	-42.62	-40.00	-2.62	-	-	-43.83	-49.17	-62.77	-62.09
3.54G	3.549G	1M	3M	RMS	3.54898G	-16.40	-13.00	-3.40	-	-	-18.62	-20.37	-58.47	-59.01
3.549G	3.55G	200k	1M	RMS	3.5495G	-37.09	-13.00	-24.09	MBW 1M	-	-43.63	-41.55	-64.41	-62.03
3.7G	3.701G	200k	1M	RMS	3.7005G	-32.80	-13.00	-19.80	MBW 1M	-	-65.03	-70.16	-38.61	-39.02
3.701G	3.71G	1M	3M	RMS	3.7011G	-16.34	-13.00	-3.34	-	-	-61.35	-62.07	-19.18	-19.52
3.71G	3.74G	1M	3M	RMS	3.72299G	-40.38	-40.00	-0.38	-	-	-63.64	-62.49	-49.38	-41.02
3.74G	4G	1M	3M	RMS	3.74564G	-44.47	-40.00	-4.47	-	-	-60.56	-62.79	-45.54	-51.96
4G	37G	1M	3M	RMS	36.74095G	-45.55	-40.00	-5.55	-	-	-52.42	-51.91	-52.27	-50.10

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

P#3560MHz,#3580MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0

20/02/2019

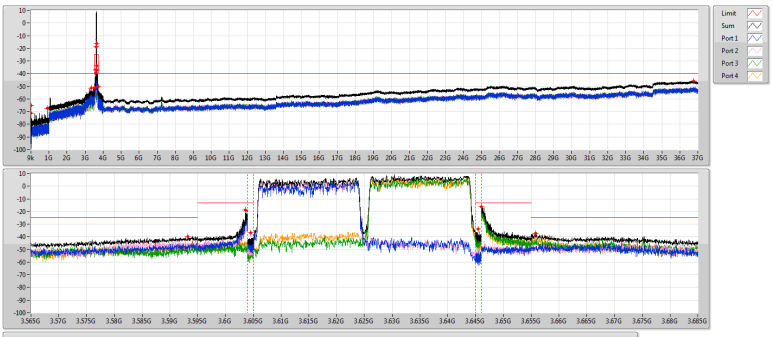


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	114.75k	-71.56	-40.00	-31.56	-	-	-77.03	-82.15	-74.21	-82.28
150k	30M	10k	30k	RMS	6.6841M	-64.80	-40.00	-24.80	-	-	-67.93	-73.33	-75.16	-70.32
30M	1G	100k	300k	RMS	909.88M	-67.02	-40.00	-27.02	-	-	-71.89	-73.86	-74.01	-72.77
1G	3.45G	1M	3M	RMS	3.26405G	-51.36	-40.00	-11.36	-	-	-53.86	-61.97	-59.76	-58.23
3.45G	3.51G	1M	3M	RMS	3.50964G	-43.43	-40.00	-3.43	-	-	-45.86	-50.73	-53.48	-51.85
3.51G	3.54G	1M	3M	RMS	3.52962G	-40.76	-40.00	-0.76	-	-	-49.41	-47.19	-43.08	-53.87
3.54G	3.549G	1M	3M	RMS	3.54891G	-16.48	-13.00	-3.48	-	-	-17.04	-25.70	-48.41	-45.67
3.549G	3.55G	200k	1M	RMS	3.5495G	-36.74	-13.00	-23.74	MBW 1M	-	-43.07	-44.69	-53.85	-53.80
3.59G	3.591G	200k	1M	RMS	3.5905G	-36.28	-13.00	-23.28	MBW 1M	-	-52.28	-56.64	-42.84	-42.90
3.591G	3.6G	1M	3M	RMS	3.591G	-16.98	-13.00	-3.98	-	-	-50.20	-51.09	-17.36	-27.76
3.6G	3.63G	1M	3M	RMS	3.60108G	-37.47	-25.00	-12.47	-	-	-50.94	-54.97	-43.32	-39.17
3.63G	4G	1M	3M	RMS	3.7329G	-54.83	-40.00	-14.83	-	-	-62.24	-61.40	-60.10	-60.05
4G	37G	1M	3M	RMS	36.7120G	-45.48	-40.00	-5.48	-	-	-52.28	-51.01	-51.26	-51.54

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

P#3615MHz,#3635MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0

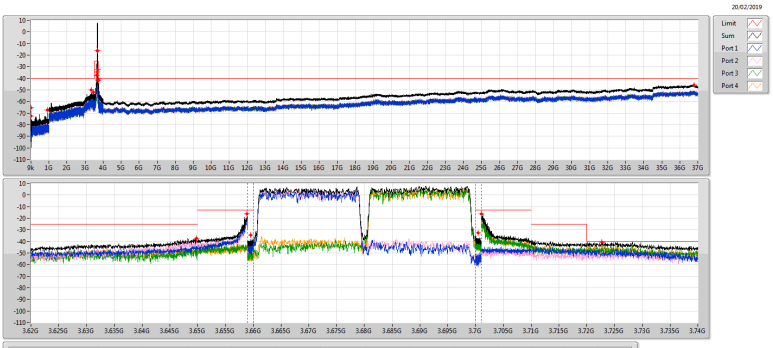
20/02/2019



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	122.294k	-71.03	-40.00	-31.03	-	-	-76.92	-84.07	-79.55	-73.90
150k	30M	10k	30k	RMS	6.69M	-65.04	-40.00	-25.04	-	-	-71.49	-69.98	-78.27	-68.97
30M	1G	100k	300k	RMS	909.88M	-67.22	-40.00	-27.22	-	-	-72.91	-73.32	-73.31	-73.43
1G	3.45G	1M	3M	RMS	3.34098G	-51.30	-40.00	-11.30	-	-	-52.84	-59.55	-61.74	-63.60
3.45G	3.565G	1M	3M	RMS	3.5297G	-50.96	-40.00	-10.96	-	-	-52.88	-59.77	-59.13	-62.24
3.565G	3.595G	1M	3M	RMS	3.5932G	-39.63	-25.00	-14.63	-	-	-47.04	-41.95	-50.85	-47.65
3.595G	3.604G	1M	3M	RMS	3.60355G	-18.76	-13.00	-5.76	-	-	-19.08	-30.34	-30.52	-46.11
3.604G	3.605G	200k	1M	RMS	3.6045G	-36.75	-13.00	-23.75	MBW 1M	-	-42.37	-49.65	-50.61	-50.04
3.645G	3.646G	200k	1M	RMS	3.6455G	-33.66	-13.00	-20.66	MBW 1M	-	-53.81	-54.67	-43.66	-37.07
3.646G	3.655G	1M	3M	RMS	3.64605G	-16.29	-13.00	-3.29	-	-	-48.23	-46.97	-18.78	-19.91
3.655G	3.685G	1M	3M	RMS	3.6558G	-37.47	-25.00	-12.47	-	-	-48.41	-48.51	-43.57	-39.73
3.685G	4G	1M	3M	RMS	3.72078G	-50.16	-40.00	-10.16	-	-	-60.38	-62.63	-53.17	-54.75
4G	37G	1M	3M	RMS	36.7624G	-45.65	-40.00	-5.65	-	-	-51.21	-51.31	-52.58	-51.73

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

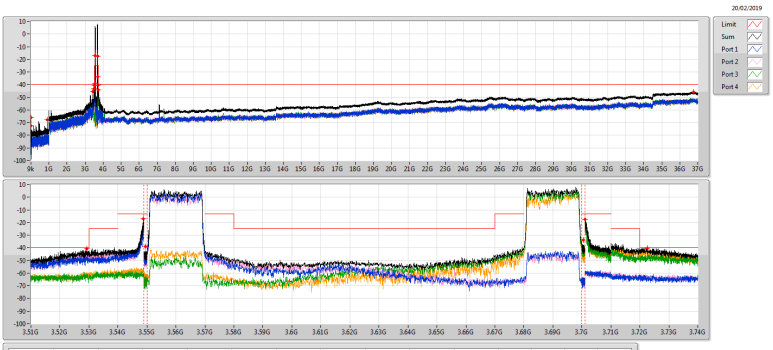
P#3670MHz,#3690MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	114.75k	-72.44	-40.00	-32.44	-	-	-74.95	-78.62	-80.41	-86.55
150k	30M	10k	30k	RMS	6.547M	-65.46	-40.00	-25.46	-	-	-73.70	-72.74	-69.16	-71.74
30M	1G	100k	300k	RMS	909.98M	-67.50	-40.00	-27.50	-	-	-73.85	-74.34	-72.62	-73.46
1G	3.45G	1M	3M	RMS	3.34122G	-49.84	-40.00	-9.84	-	-	-52.78	-62.23	-54.00	-62.84
3.45G	3.62G	1M	3M	RMS	3.65376G	-51.73	-40.00	-11.73	-	-	-58.78	-69.07	-54.42	-60.08
3.62G	3.65G	1M	3M	RMS	3.64979G	-37.35	-25.00	-12.35	-	-	-44.48	-38.88	-53.02	-48.55
3.65G	3.659G	1M	3M	RMS	3.65884G	-16.21	-13.00	-3.21	-	-	-20.83	-18.07	-43.79	-47.56
3.659G	3.66G	200k	1M	RMS	3.6595G	-34.53	-13.00	-21.53	MBW 1M	-	-41.85	-40.67	-50.89	-48.59
3.7G	3.701G	200k	1M	RMS	3.7005G	-32.79	-13.00	-19.79	MBW 1M	-	-54.34	-57.98	-39.52	-37.86
3.701G	3.71G	1M	3M	RMS	3.70107G	-16.13	-13.00	-3.13	-	-	-49.20	-50.36	-21.96	-17.45
3.71G	3.74G	1M	3M	RMS	3.72269G	-40.44	-40.00	-0.44	-	-	-49.83	-50.25	-47.49	-42.78
3.74G	4G	1M	3M	RMS	3.74335G	-41.83	-40.00	-1.83	-	-	-55.26	-49.70	-50.07	-43.82
4G	37G	1M	3M	RMS	36.7822G	-45.68	-40.00	-5.68	-	-	-53.04	-51.85	-50.98	-51.20

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

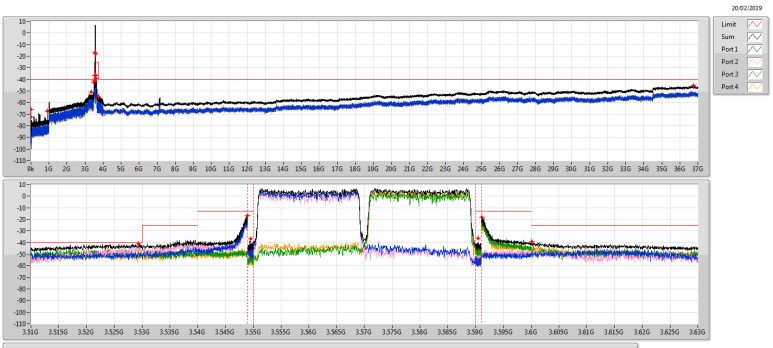
P#3560MHz,#3690MHz_16QAM_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	114.891k	-72.46	-40.00	-32.46	-	-	-82.27	-77.37	-75.24	-85.89
150k	30M	10k	30k	RMS	6.813M	-66.01	-40.00	-26.01	-	-	-81.28	-68.30	-70.60	-80.87
30M	1G	100k	300k	RMS	909.98M	-67.86	-40.00	-27.86	-	-	-73.31	-73.82	-74.66	-73.82
1G	3.45G	1M	3M	RMS	3.42526G	-45.61	-40.00	-5.61	-	-	-52.97	-46.92	-58.93	-60.95
3.45G	3.51G	1M	3M	RMS	3.50409G	-43.48	-40.00	-3.48	-	-	-44.48	-50.91	-63.66	-61.84
3.51G	3.54G	1M	3M	RMS	3.52922G	-40.84	-40.00	-0.84	-	-	-49.90	-41.51	-62.06	-60.54
3.54G	3.549G	1M	3M	RMS	3.54882G	-17.06	-13.00	-4.06	-	-	-25.36	-17.75	-63.20	-58.63
3.549G	3.55G	200k	1M	RMS	3.5495G	-38.83	-13.00	-25.83	MBW 1M	-	-45.24	-44.86	-67.97	-65.80
3.7G	3.701G	200k	1M	RMS	3.7005G	-33.70	-13.00	-20.70	MBW 1M	-	-67.45	-67.41	-37.81	-47.45
3.701G	3.71G	1M	3M	RMS	3.70105G	-17.68	-13.00	-4.68	-	-	-60.56	-62.03	-21.75	-19.84
3.71G	3.74G	1M	3M	RMS	3.72263G	-40.09	-40.00	-0.09	-	-	-63.09	-63.54	-48.25	-40.86
3.74G	4G	1M	3M	RMS	3.74728G	-43.94	-40.00	-3.94	-	-	-64.33	-62.46	-48.53	-45.95
4G	37G	1M	3M	RMS	36.77385G	-45.76	-40.00	-5.76	-	-	-51.79	-51.36	-53.04	-50.99

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

P#3560MHz,#3580MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	115.455k	-72.30	-40.00	-32.30	-	-	-83.78	-79.83	-75.94	-77.26
150k	30M	10k	30k	RMS	6.305M	-65.72	-40.00	-25.72	-	-	-75.44	-70.42	-74.56	-69.45
30M	1G	100k	300k	RMS	909.98M	-67.24	-40.00	-27.24	-	-	-73.51	-72.63	-74.45	-72.68
1G	3.45G	1M	3M	RMS	3.34122G	-51.15	-40.00	-11.15	-	-	-54.69	-61.34	-55.58	-61.10
3.45G	3.51G	1M	3M	RMS	3.49812G	-42.70	-40.00	-2.70	-	-	-44.27	-49.31	-54.20	-60.98
3.51G	3.54G	1M	3M	RMS	3.52929G	-40.92	-40.00	-0.92	-	-	-49.81	-43.20	-49.21	-49.78
3.54G	3.549G	1M	3M	RMS	3.54895G	-16.86	-13.00	-3.86	-	-	-24.16	-17.76	-47.13	-48.15
3.549G	3.55G	200k	1M	RMS	3.5495G	-36.74	-13.00	-23.74	MBW 1M	-	-40.05	-46.11	-53.86	-56.49
3.59G	3.591G	200k	1M	RMS	3.5905G	-36.42	-13.00	-23.42	MBW 1M	-	-56.05	-54.73	-41.85	-45.38
3.591G	3.6G	1M	3M	RMS	3.59114G	-18.18	-13.00	-5.18	-	-	-50.73	-50.09	-20.02	-22.81
3.6G	3.63G	1M	3M	RMS	3.60012G	-39.07	-25.00	-14.07	-	-	-50.37	-49.21	-45.72	-41.20
3.63G	4G	1M	3M	RMS	3.7376G	-54.82	-40.00	-14.82	-	-	-64.00	-62.67	-60.05	-58.63
4G	37G	1M	3M	RMS	36.7508SG	-45.45	-40.00	-5.45	-	-	-51.83	-51.58	-51.13	-51.36

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

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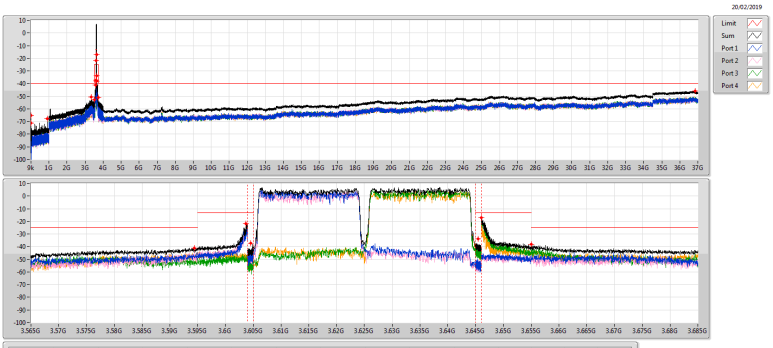
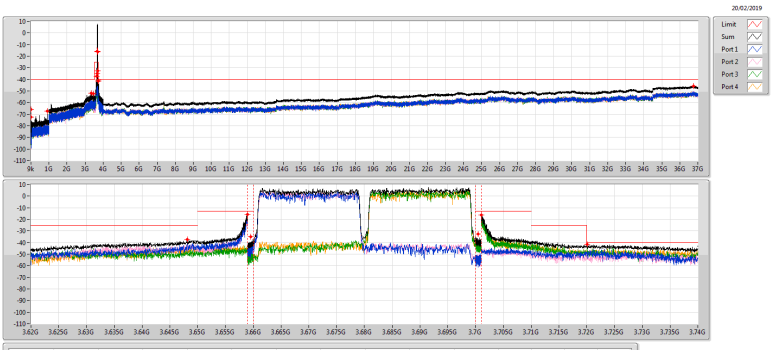


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	116.23k	-71.39	-40.00	-31.39	-	-	-75.89	-73.98	-84.10	-85.32
150k	30M	10k	30k	RMS	6.705M	-65.20	-40.00	-25.20	-	-	-76.94	-72.74	-66.50	-83.22
30M	1G	100k	300k	RMS	909.88M	-67.94	-40.00	-27.94	-	-	-74.61	-73.13	-73.97	-74.27
1G	3.45G	1M	3M	RMS	3.34122G	-50.79	-40.00	-10.79	-	-	-52.55	-63.84	-57.11	-63.79
3.45G	3.565G	1M	3M	RMS	3.52812G	-52.84	-40.00	-12.84	-	-	-56.66	-57.68	-62.83	-60.88
3.565G	3.595G	1M	3M	RMS	3.5944G	-41.10	-25.00	-16.10	-	-	-47.71	-44.31	-53.58	-47.18
3.595G	3.604G	1M	3M	RMS	3.60371G	-21.91	-13.00	-8.91	-	-	-23.18	-27.93	-51.15	-47.95
3.604G	3.605G	200k	1M	RMS	3.6045G	-37.26	-13.00	-24.26	MBW 1M	-	-39.07	-48.07	-52.19	-52.71
3.645G	3.646G	200k	1M	RMS	3.6455G	-33.84	-13.00	-20.84	MBW 1M	-	-53.96	-55.30	-42.26	-39.54
3.646G	3.655G	1M	3M	RMS	3.646G	-16.91	-13.00	-3.91	-	-	-46.85	-47.55	-20.30	-19.59
3.655G	3.685G	1M	3M	RMS	3.65503G	-37.93	-25.00	-12.93	-	-	-46.69	-48.64	-40.64	-44.02
3.685G	4G	1M	3M	RMS	3.72082G	-50.98	-40.00	-10.98	-	-	-61.59	-57.91	-58.67	-53.65
4G	37G	1M	3M	RMS	36.84655G	-45.77	-40.00	-5.77	-	-	-51.78	-51.78	-51.15	-52.59

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

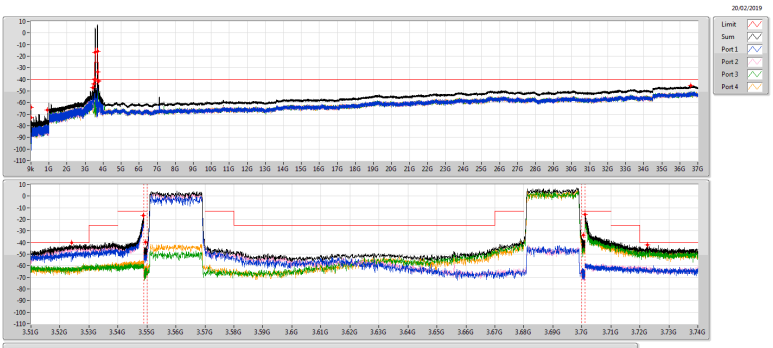
P#3670MHz,#3690MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	116.09k	-72.59	-40.00	-32.59	-	-	-76.09	-78.74	-86.58	-78.27
150k	30M	10k	30k	RMS	6.657M	-65.73	-40.00	-25.73	-	-	-75.41	-83.13	-67.87	-71.51
30M	1G	100k	300k	RMS	909.88M	-67.25	-40.00	-27.25	-	-	-72.82	-72.93	-73.88	-73.45
1G	3.45G	1M	3M	RMS	3.34098G	-52.07	-40.00	-12.07	-	-	-53.93	-60.61	-63.16	-60.90
3.45G	3.62G	1M	3M	RMS	3.45587G	-52.20	-40.00	-12.20	-	-	-55.44	-62.27	-57.42	-61.20
3.62G	3.65G	1M	3M	RMS	3.64811G	-37.17	-25.00	-12.17	-	-	-39.57	-42.66	-48.23	-49.08
3.65G	3.659G	1M	3M	RMS	3.659G	-15.81	-13.00	-2.81	-	-	-18.77	-18.89	-48.63	-45.18
3.659G	3.66G	200k	1M	RMS	3.6595G	-34.92	-13.00	-21.92	MBW 1M	-	-43.71	-39.17	-51.55	-51.16
3.7G	3.701G	200k	1M	RMS	3.7005G	-32.71	-13.00	-19.71	MBW 1M	-	-54.27	-56.53	-38.71	-38.18
3.701G	3.71G	1M	3M	RMS	3.70107G	-16.04	-13.00	-3.04	-	-	-48.59	-46.95	-21.98	-17.32
3.71G	3.74G	1M	3M	RMS	3.72011G	-41.46	-40.00	-1.46	-	-	-48.07	-48.93	-44.99	-49.44
3.74G	4G	1M	3M	RMS	3.74086G	-40.61	-40.00	-0.61	-	-	-55.22	-50.35	-55.81	-41.43
4G	37G	1M	3M	RMS	36.76405G	-45.56	-40.00	-5.56	-	-	-51.37	-52.08	-50.40	-52.83

Band 48_LTE_20MHz+20MHz_Nss1_4TX **CSE-TX-Sum-48**

P#3560MHz,#3690MHz_64QAM_RB 100,#RB 0+RB 100,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9k	150k	200	10k	RMS	119.474k	-73.10	-40.00	-33.10	-	-	-84.83	-78.11	-81.29	-76.43
150k	30M	10k	30k	RMS	6.598M	-64.19	-40.00	-24.19	-	-	-71.14	-68.82	-71.43	-69.96
30M	1G	100k	300k	RMS	909.88M	-66.54	-40.00	-26.54	-	-	-72.48	-72.53	-73.02	-72.26
1G	3.45G	1M	3M	RMS	3.43946	-47.22	-40.00	-7.22	-	-	-50.26	-51.21	-61.16	-59.20
3.45G	3.51G	1M	3M	RMS	3.50088G	-43.91	-40.00	-3.91	-	-	-44.34	-55.52	-62.54	-63.72
3.51G	3.54G	1M	3M	RMS	3.52407G	-40.27	-40.00	-0.27	-	-	-51.35	-40.67	-63.61	-62.98
3.54G	3.549G	1M	3M	RMS	3.5488G	-16.82	-13.00	-3.82	-	-	-23.83	-17.79	-61.35	-59.05
3.549G	3.55G	200k	1M	RMS	3.5495G	-39.77	-13.00	-26.77	MBW 1M	-	-39.81	-49.24	-67.61	-64.91
3.7G	3.701G	200k	1M	RMS	3.7005G	-33.81	-13.00	-20.81	MBW 1M	-	-67.80	-70.14	-43.33	-35.87
3.701G	3.71G	1M	3M	RMS	3.701G	-15.73	-13.00	-2.73	-	-	-59.97	-61.42	-19.47	-18.12
3.71G	3.74G	1M	3M	RMS	3.72266G	-41.98	-40.00	-1.98	-	-	-65.57	-63.12	-43.85	-46.69
3.74G	4G	1M	3M	RMS	3.74185G	-41.12	-40.00	-1.12	-	-	-62.18	-60.06	-46.19	-42.87
4G	37G	1M	3M	RMS	36.6172G	-45.54	-40.00	-5.54	-	-	-51.17	-52.58	-50.70	-52.02

<Single-carrier>

Field Strength of Spurious Radiation (30MHz ~ 1GHz)

Configurations	20MHz / 64QAM / 3560 MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-56.38	-16.38	-40.00	-57.21	0.83	HORIZONTAL
2	245.34	-68.07	-28.07	-40.00	-61.98	-6.09	HORIZONTAL
3	299.66	-69.20	-29.20	-40.00	-60.67	-8.53	HORIZONTAL
4	357.86	-68.27	-28.27	-40.00	-61.57	-6.70	HORIZONTAL
5	416.06	-65.87	-25.87	-40.00	-60.47	-5.40	HORIZONTAL
6	806.97	-67.08	-27.08	-40.00	-67.44	0.36	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-67.49	-27.49	-40.00	-55.87	-11.62	VERTICAL
2	42.61	-69.42	-29.42	-40.00	-54.91	-14.51	VERTICAL
3	59.10	-68.73	-28.73	-40.00	-52.03	-16.70	VERTICAL
4	95.96	-72.79	-32.79	-40.00	-64.02	-8.77	VERTICAL
5	396.66	-69.45	-29.45	-40.00	-63.57	-5.88	VERTICAL
6	491.72	-68.14	-28.14	-40.00	-64.74	-3.40	VERTICAL

Configurations	20MHz / 64QAM / 3625MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-59.05	-19.05	-40.00	-59.88	0.83	HORIZONTAL
2	245.34	-66.82	-26.82	-40.00	-60.73	-6.09	HORIZONTAL
3	388.90	-66.12	-26.12	-40.00	-60.32	-5.80	HORIZONTAL
4	424.79	-67.76	-27.76	-40.00	-62.41	-5.35	HORIZONTAL
5	491.72	-70.94	-30.94	-40.00	-65.95	-4.99	HORIZONTAL
6	850.62	-67.91	-27.91	-40.00	-67.91	0.00	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-69.37	-29.37	-40.00	-57.75	-11.62	VERTICAL
2	58.13	-68.39	-28.39	-40.00	-51.69	-16.70	VERTICAL
3	224.00	-72.14	-32.14	-40.00	-61.84	-10.30	VERTICAL
4	393.75	-63.38	-23.38	-40.00	-57.45	-5.93	VERTICAL
5	491.72	-69.86	-29.86	-40.00	-66.46	-3.40	VERTICAL
6	600.36	-69.45	-29.45	-40.00	-66.31	-3.14	VERTICAL

Configurations	20MHz / 64QAM / 3690MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-58.77	-18.77	-40.00	-59.60	0.83	HORIZONTAL
2	245.34	-66.09	-26.09	-40.00	-60.00	-6.09	HORIZONTAL
3	390.84	-64.98	-24.98	-40.00	-59.22	-5.76	HORIZONTAL
4	426.73	-67.45	-27.45	-40.00	-62.11	-5.34	HORIZONTAL
5	491.72	-70.23	-30.23	-40.00	-65.24	-4.99	HORIZONTAL
6	842.86	-66.20	-26.20	-40.00	-66.27	0.07	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-69.82	-29.82	-40.00	-58.20	-11.62	VERTICAL
2	59.10	-69.96	-29.96	-40.00	-53.26	-16.70	VERTICAL
3	162.89	-71.18	-31.18	-40.00	-62.41	-8.77	VERTICAL
4	221.09	-71.67	-31.67	-40.00	-61.34	-10.33	VERTICAL
5	396.66	-67.72	-27.72	-40.00	-61.84	-5.88	VERTICAL
6	491.72	-67.53	-27.53	-40.00	-64.13	-3.40	VERTICAL

Field Strength of Spurious Radiation (Above 1GHz) - Harmonic

Configurations	20MHz / 64QAM / 3560 MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7120.22	-65.32	-25.32	-40.00	-78.28	12.96	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7119.52	-59.55	-19.55	-40.00	-74.28	14.73	VERTICAL

Configurations	20MHz / 64QAM / 3625MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7250.39	-64.21	-24.21	-40.00	-77.23	13.02	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7250.48	-59.14	-19.14	-40.00	-73.98	14.84	VERTICAL

Configurations	20MHz / 64QAM / 3690MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7380.11	-64.64	-24.64	-40.00	-77.73	13.09	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7380.26	-58.64	-18.64	-40.00	-73.61	14.97	VERTICAL

<Multi-carrier and/or CA>

Field Strength of Spurious Radiation (30MHz ~ 1GHz)

Configurations	20MHz / 64QAM / 3560+3580MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	32.91	-56.69	-16.69	-40.00	-58.57	1.88	HORIZONTAL
2	167.74	-74.91	-34.91	-40.00	-60.78	-14.13	HORIZONTAL
3	364.65	-69.69	-29.69	-40.00	-63.17	-6.52	HORIZONTAL
4	418.97	-67.34	-27.34	-40.00	-61.95	-5.39	HORIZONTAL
5	809.88	-67.88	-27.88	-40.00	-68.21	0.33	HORIZONTAL
6	868.08	-66.28	-26.28	-40.00	-66.13	-0.15	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-67.22	-27.22	-40.00	-55.60	-11.62	VERTICAL
2	42.61	-68.11	-28.11	-40.00	-53.60	-14.51	VERTICAL
3	58.13	-68.14	-28.14	-40.00	-51.44	-16.70	VERTICAL
4	96.93	-73.19	-33.19	-40.00	-64.43	-8.76	VERTICAL
5	407.33	-70.32	-30.32	-40.00	-64.73	-5.59	VERTICAL
6	491.72	-69.10	-29.10	-40.00	-65.70	-3.40	VERTICAL

Configurations	20MHz / 64QAM / 3615+3635MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-57.87	-17.87	-40.00	-58.70	0.83	HORIZONTAL
2	268.62	-72.02	-32.02	-40.00	-65.35	-6.67	HORIZONTAL
3	418.97	-68.28	-28.28	-40.00	-62.89	-5.39	HORIZONTAL
4	466.50	-69.60	-29.60	-40.00	-64.48	-5.12	HORIZONTAL
5	831.22	-67.47	-27.47	-40.00	-67.63	0.16	HORIZONTAL
6	852.56	-65.60	-25.60	-40.00	-65.57	-0.03	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-68.00	-28.00	-40.00	-56.38	-11.62	VERTICAL
2	41.64	-69.37	-29.37	-40.00	-55.10	-14.27	VERTICAL
3	58.13	-68.81	-28.81	-40.00	-52.11	-16.70	VERTICAL
4	125.06	-72.13	-32.13	-40.00	-65.91	-6.22	VERTICAL
5	225.94	-74.34	-34.34	-40.00	-64.06	-10.28	VERTICAL
6	462.62	-70.86	-30.86	-40.00	-66.73	-4.13	VERTICAL

Configurations	20MHz / 64QAM / 3670+3690MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	32.91	-56.43	-16.43	-40.00	-58.31	1.88	HORIZONTAL
2	165.80	-75.41	-35.41	-40.00	-61.13	-14.28	HORIZONTAL
3	419.94	-66.92	-26.92	-40.00	-61.54	-5.38	HORIZONTAL
4	792.42	-67.78	-27.78	-40.00	-68.02	0.24	HORIZONTAL
5	831.22	-67.03	-27.03	-40.00	-67.19	0.16	HORIZONTAL
6	986.42	-65.79	-25.79	-40.00	-68.29	2.50	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-67.53	-27.53	-40.00	-55.91	-11.62	VERTICAL
2	42.61	-68.24	-28.24	-40.00	-53.73	-14.51	VERTICAL
3	58.13	-68.77	-28.77	-40.00	-52.07	-16.70	VERTICAL
4	404.42	-69.38	-29.38	-40.00	-63.70	-5.68	VERTICAL
5	469.41	-68.94	-28.94	-40.00	-64.97	-3.97	VERTICAL
6	764.29	-69.57	-29.57	-40.00	-67.95	-1.62	VERTICAL

Configurations	20MHz / 64QAM / 3560+3690MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	32.91	-57.59	-17.59	-40.00	-59.47	1.88	HORIZONTAL
2	165.80	-74.98	-34.98	-40.00	-60.70	-14.28	HORIZONTAL
3	254.07	-70.78	-30.78	-40.00	-65.07	-5.71	HORIZONTAL
4	418.97	-67.96	-27.96	-40.00	-62.57	-5.39	HORIZONTAL
5	469.41	-69.96	-29.96	-40.00	-64.85	-5.11	HORIZONTAL
6	835.10	-67.56	-27.56	-40.00	-67.68	0.12	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.88	-68.08	-28.08	-40.00	-56.46	-11.62	VERTICAL
2	42.61	-68.43	-28.43	-40.00	-53.92	-14.51	VERTICAL
3	58.13	-68.70	-28.70	-40.00	-52.00	-16.70	VERTICAL
4	403.45	-70.28	-30.28	-40.00	-64.56	-5.72	VERTICAL
5	471.35	-70.25	-30.25	-40.00	-66.36	-3.89	VERTICAL
6	491.72	-69.36	-29.36	-40.00	-65.96	-3.40	VERTICAL

Field Strength of Spurious Radiation (Above 1GHz) - Harmonic

Configurations	20MHz / 64QAM / 3560+3580MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7119.72	-65.25	-25.25	-40.00	-78.21	12.96	HORIZONTAL
2	7160.49	-64.69	-24.69	-40.00	-77.67	12.98	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7120.43	-59.47	-19.47	-40.00	-74.20	14.73	VERTICAL
2	7160.04	-59.95	-19.95	-40.00	-74.72	14.77	VERTICAL

Configurations	20MHz / 64QAM / 3615+3635MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7230.42	-64.18	-24.18	-40.00	-77.19	13.01	HORIZONTAL
2	7269.95	-65.51	-25.51	-40.00	-78.54	13.03	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7229.69	-59.13	-19.13	-40.00	-73.95	14.82	VERTICAL
2	7270.20	-59.81	-19.81	-40.00	-74.67	14.86	VERTICAL

Configurations	20MHz / 64QAM / 3670+3690MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7339.51	-65.13	-25.13	-40.00	-78.20	13.07	HORIZONTAL
2	7380.17	-64.83	-24.83	-40.00	-77.92	13.09	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7339.57	-59.78	-19.78	-40.00	-74.71	14.93	VERTICAL
2	7379.92	-59.03	-19.03	-40.00	-74.00	14.97	VERTICAL

Configurations	20MHz / 64QAM / 3560+3690MHz

Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7119.51	-64.39	-24.39	-40.00	-77.35	12.96	HORIZONTAL
2	7379.70	-65.10	-25.10	-40.00	-78.19	13.09	HORIZONTAL

Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Factor	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	7119.54	-58.45	-18.45	-40.00	-73.18	14.73	VERTICAL
2	7380.08	-59.16	-19.16	-40.00	-74.13	14.97	VERTICAL

<Single-carrier>

Summary

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
Band 48	-			-	-	-	-	-		-	-
LTE_20MHz_(64QAM)_2TX	Pass	93.5	20	3.69G	3.681076G	3.698873G	3.55G	3.7G	-6.84	1	-

Result

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
LTE_10MHz_(QPSK)_2TX	-	-	-	-	-	-	-	-	-	-	-
3555MHz	Pass	110	-30	3.555G	3.550535G	3.559462G	3.55G	3.7G	-0.426	1	-
3555MHz	Pass	110	-20	3.555G	3.550527G	3.559463G	3.55G	3.7G	-1.426	1	-
3555MHz	Pass	110	-10	3.555G	3.550533G	3.559458G	3.55G	3.7G	-1.344	1	-
3555MHz	Pass	110	0	3.555G	3.550528G	3.559461G	3.55G	3.7G	-1.622	1	-
3555MHz	Pass	110	10	3.555G	3.55053G	3.559462G	3.55G	3.7G	-0.999	1	-
3555MHz	Pass	93.5	20	3.555G	3.550531G	3.559459G	3.55G	3.7G	-1.316	1	-
3555MHz	Pass	110	20	3.555G	3.550525G	3.559465G	3.55G	3.7G	-1.393	1	-
3555MHz	Pass	126.5	20	3.555G	3.550529G	3.559466G	3.55G	3.7G	-0.67	1	-
3555MHz	Pass	110	30	3.555G	3.550527G	3.559462G	3.55G	3.7G	-1.524	1	-
3555MHz	Pass	110	40	3.555G	3.550529G	3.559456G	3.55G	3.7G	-2.091	1	-
3555MHz	Pass	110	50	3.555G	3.550532G	3.559456G	3.55G	3.7G	-1.665	1	-
3695MHz	Pass	110	-30	3.695G	3.690528G	3.69946G	3.55G	3.7G	-1.66	1	-
3695MHz	Pass	110	-20	3.695G	3.690527G	3.699468G	3.55G	3.7G	-0.714	1	-
3695MHz	Pass	110	-10	3.695G	3.690529G	3.699463G	3.55G	3.7G	-1.023	1	-
3695MHz	Pass	110	0	3.695G	3.690532G	3.699467G	3.55G	3.7G	-0.151	1	-
3695MHz	Pass	110	10	3.695G	3.690535G	3.699461G	3.55G	3.7G	-0.569	1	-
3695MHz	Pass	93.5	20	3.695G	3.690531G	3.699463G	3.55G	3.7G	-0.771	1	-
3695MHz	Pass	110	20	3.695G	3.690527G	3.69946G	3.55G	3.7G	-1.763	1	-
3695MHz	Pass	126.5	20	3.695G	3.690531G	3.69946G	3.55G	3.7G	-1.122	1	-
3695MHz	Pass	110	30	3.695G	3.690524G	3.699465G	3.55G	3.7G	-1.529	1	-
3695MHz	Pass	110	40	3.695G	3.690523G	3.69946G	3.55G	3.7G	-2.304	1	-
3695MHz	Pass	110	50	3.695G	3.69053G	3.699457G	3.55G	3.7G	-1.852	1	-
LTE_10MHz_(16QAM)_2TX	-			-	-	-	-	-	-	-	-
3555MHz	Pass	110	-30	3.555G	3.55052G	3.559457G	3.55G	3.7G	-3.26	1	-
3555MHz	Pass	110	-20	3.555G	3.550521G	3.55945G	3.55G	3.7G	-3.968	1	-
3555MHz	Pass	110	-10	3.555G	3.550523G	3.559457G	3.55G	3.7G	-2.767	1	-
3555MHz	Pass	110	0	3.555G	3.550516G	3.559458G	3.55G	3.7G	-3.653	1	-
3555MHz	Pass	110	10	3.555G	3.550513G	3.559461G	3.55G	3.7G	-3.566	1	-
3555MHz	Pass	93.5	20	3.555G	3.550519G	3.559449G	3.55G	3.7G	-4.546	1	-
3555MHz	Pass	110	20	3.555G	3.550519G	3.559445G	3.55G	3.7G	-5.02	1	-
3555MHz	Pass	126.5	20	3.555G	3.550523G	3.55945G	3.55G	3.7G	-3.836	1	-
3555MHz	Pass	110	30	3.555G	3.550525G	3.55945G	3.55G	3.7G	-3.484	1	-
3555MHz	Pass	110	40	3.555G	3.550511G	3.559459G	3.55G	3.7G	-4.219	1	-
3555MHz	Pass	110	50	3.555G	3.55052G	3.559432G	3.55G	3.7G	-6.755	1	-
3695MHz	Pass	110	-30	3.695G	3.690524G	3.699456G	3.55G	3.7G	-2.611	1	-
3695MHz	Pass	110	-20	3.695G	3.690522G	3.699459G	3.55G	3.7G	-2.577	1	-
3695MHz	Pass	110	-10	3.695G	3.690523G	3.699451G	3.55G	3.7G	-3.514	1	-
3695MHz	Pass	110	0	3.695G	3.690521G	3.699444G	3.55G	3.7G	-4.734	1	-
3695MHz	Pass	110	10	3.695G	3.690519G	3.699452G	3.55G	3.7G	-3.943	1	-
3695MHz	Pass	93.5	20	3.695G	3.69052G	3.699448G	3.55G	3.7G	-4.309	1	-
3695MHz	Pass	110	20	3.695G	3.690519G	3.699456G	3.55G	3.7G	-3.375	1	-

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
3695MHz	Pass	126.5	20	3.695G	3.690524G	3.699459G	3.55G	3.7G	-2.33	1	-
3695MHz	Pass	110	30	3.695G	3.690518G	3.699458G	3.55G	3.7G	-3.248	1	-
3695MHz	Pass	110	40	3.695G	3.690521G	3.699456G	3.55G	3.7G	-3.083	1	-
3695MHz	Pass	110	50	3.695G	3.690525G	3.699438G	3.55G	3.7G	-4.949	1	-
LTE_10MHz_(64QAM)_2TX	-			-	-	-	-	-	-	-	-
3555MHz	Pass	110	-30	3.555G	3.550531G	3.55946G	3.55G	3.7G	-1.249	1	-
3555MHz	Pass	110	-20	3.555G	3.550533G	3.559452G	3.55G	3.7G	-2.086	1	-
3555MHz	Pass	110	-10	3.555G	3.550525G	3.55946G	3.55G	3.7G	-2.127	1	-
3555MHz	Pass	110	0	3.555G	3.550526G	3.559462G	3.55G	3.7G	-1.737	1	-
3555MHz	Pass	110	10	3.555G	3.550534G	3.559462G	3.55G	3.7G	-0.646	1	-
3555MHz	Pass	93.5	20	3.555G	3.550533G	3.559457G	3.55G	3.7G	-1.353	1	-
3555MHz	Pass	110	20	3.555G	3.550533G	3.559462G	3.55G	3.7G	-0.703	1	-
3555MHz	Pass	126.5	20	3.555G	3.550534G	3.559455G	3.55G	3.7G	-1.468	1	-
3555MHz	Pass	110	30	3.555G	3.550526G	3.559459G	3.55G	3.7G	-2.161	1	-
3555MHz	Pass	110	40	3.555G	3.55053G	3.559462G	3.55G	3.7G	-1.166	1	-
3555MHz	Pass	110	50	3.555G	3.550529G	3.559461G	3.55G	3.7G	-1.454	1	-
3695MHz	Pass	110	-30	3.695G	3.690536G	3.699459G	3.55G	3.7G	-0.737	1	-
3695MHz	Pass	110	-20	3.695G	3.690529G	3.69946G	3.55G	3.7G	-1.507	1	-
3695MHz	Pass	110	-10	3.695G	3.690541G	3.69945G	3.55G	3.7G	-1.217	1	-
3695MHz	Pass	110	0	3.695G	3.690538G	3.69946G	3.55G	3.7G	-0.296	1	-
3695MHz	Pass	110	10	3.695G	3.690537G	3.699448G	3.55G	3.7G	-1.966	1	-
3695MHz	Pass	93.5	20	3.695G	3.690537G	3.699462G	3.55G	3.7G	-0.228	1	-
3695MHz	Pass	110	20	3.695G	3.690528G	3.699462G	3.55G	3.7G	-1.284	1	-
3695MHz	Pass	126.5	20	3.695G	3.690536G	3.699457G	3.55G	3.7G	-1.044	1	-
3695MHz	Pass	110	30	3.695G	3.690534G	3.699457G	3.55G	3.7G	-1.236	1	-
3695MHz	Pass	110	40	3.695G	3.690535G	3.699451G	3.55G	3.7G	-1.912	1	-
3695MHz	Pass	110	50	3.695G	3.690533G	3.699455G	3.55G	3.7G	-1.654	1	-
LTE_20MHz_(QPSK)_2TX	-			-	-	-	-	-	-	-	-
3560MHz	Pass	110	-30	3.56G	3.551093G	3.568873G	3.55G	3.7G	-4.785	1	-
3560MHz	Pass	110	-20	3.56G	3.551096G	3.568889G	3.55G	3.7G	-2.025	1	-
3560MHz	Pass	110	-10	3.56G	3.551098G	3.56888G	3.55G	3.7G	-2.989	1	-
3560MHz	Pass	110	0	3.56G	3.551078G	3.568888G	3.55G	3.7G	-4.706	1	-
3560MHz	Pass	110	10	3.56G	3.551078G	3.568879G	3.55G	3.7G	-6.072	1	-
3560MHz	Pass	93.5	20	3.56G	3.551085G	3.568908G	3.55G	3.7G	-1.051	1	-
3560MHz	Pass	110	20	3.56G	3.551081G	3.568878G	3.55G	3.7G	-5.74	1	-
3560MHz	Pass	126.5	20	3.56G	3.551086G	3.568898G	3.55G	3.7G	-2.209	1	-
3560MHz	Pass	110	30	3.56G	3.551087G	3.568871G	3.55G	3.7G	-5.857	1	-
3560MHz	Pass	110	40	3.56G	3.551091G	3.5689G	3.55G	3.7G	-1.372	1	-
3560MHz	Pass	110	50	3.56G	3.551095G	3.568882G	3.55G	3.7G	-3.198	1	-
3690MHz	Pass	110	-30	3.69G	3.681072G	3.698894G	3.55G	3.7G	-4.511	1	-
3690MHz	Pass	110	-20	3.69G	3.681088G	3.698896G	3.55G	3.7G	-2.174	1	-
3690MHz	Pass	110	-10	3.69G	3.68109G	3.698883G	3.55G	3.7G	-3.596	1	-
3690MHz	Pass	110	0	3.69G	3.681092G	3.6989G	3.55G	3.7G	-1.092	1	-
3690MHz	Pass	110	10	3.69G	3.681085G	3.698884G	3.55G	3.7G	-4.215	1	-
3690MHz	Pass	93.5	20	3.69G	3.681073G	3.698877G	3.55G	3.7G	-6.791	1	-

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
3690MHz	Pass	110	20	3.69G	3.681083G	3.698896G	3.55G	3.7G	-2.905	1	-
3690MHz	Pass	126.5	20	3.69G	3.681076G	3.698888G	3.55G	3.7G	-4.844	1	-
3690MHz	Pass	110	30	3.69G	3.681099G	3.698904G	3.55G	3.7G	0.376	1	-
3690MHz	Pass	110	40	3.69G	3.681082G	3.698911G	3.55G	3.7G	-0.927	1	-
3690MHz	Pass	110	50	3.69G	3.681083G	3.698897G	3.55G	3.7G	-2.717	1	-
LTE_20MHz_(16QAM)_2TX	-			-	-	-	-	-	-	-	-
3560MHz	Pass	110	-30	3.56G	3.551095G	3.568894G	3.55G	3.7G	-1.56	1	-
3560MHz	Pass	110	-20	3.56G	3.551099G	3.568889G	3.55G	3.7G	-1.643	1	-
3560MHz	Pass	110	-10	3.56G	3.5511G	3.568867G	3.55G	3.7G	-4.712	1	-
3560MHz	Pass	110	0	3.56G	3.551093G	3.568891G	3.55G	3.7G	-2.258	1	-
3560MHz	Pass	110	10	3.56G	3.551083G	3.568898G	3.55G	3.7G	-2.666	1	-
3560MHz	Pass	93.5	20	3.56G	3.551093G	3.568888G	3.55G	3.7G	-2.728	1	-
3560MHz	Pass	110	20	3.56G	3.551097G	3.568894G	3.55G	3.7G	-1.292	1	-
3560MHz	Pass	126.5	20	3.56G	3.551087G	3.568889G	3.55G	3.7G	-3.39	1	-
3560MHz	Pass	110	30	3.56G	3.551102G	3.568902G	3.55G	3.7G	0.623	1	-
3560MHz	Pass	110	40	3.56G	3.551092G	3.568887G	3.55G	3.7G	-2.962	1	-
3560MHz	Pass	110	50	3.56G	3.551089G	3.568885G	3.55G	3.7G	-3.629	1	-
3690MHz	Pass	110	-30	3.69G	3.681072G	3.698878G	3.55G	3.7G	-6.724	1	-
3690MHz	Pass	110	-20	3.69G	3.681085G	3.6989G	3.55G	3.7G	-2.051	1	-
3690MHz	Pass	110	-10	3.69G	3.6811G	3.698889G	3.55G	3.7G	-1.437	1	-
3690MHz	Pass	110	0	3.69G	3.681083G	3.698893G	3.55G	3.7G	-3.279	1	-
3690MHz	Pass	110	10	3.69G	3.68109G	3.698898G	3.55G	3.7G	-1.696	1	-
3690MHz	Pass	93.5	20	3.69G	3.681097G	3.698875G	3.55G	3.7G	-3.811	1	-
3690MHz	Pass	110	20	3.69G	3.681097G	3.698891G	3.55G	3.7G	-1.662	1	-
3690MHz	Pass	126.5	20	3.69G	3.68108G	3.6989G	3.55G	3.7G	-2.661	1	-
3690MHz	Pass	110	30	3.69G	3.681081G	3.698887G	3.55G	3.7G	-4.39	1	-
3690MHz	Pass	110	40	3.69G	3.681093G	3.698884G	3.55G	3.7G	-3.133	1	-
3690MHz	Pass	110	50	3.69G	3.68109G	3.698887G	3.55G	3.7G	-3.057	1	-
LTE_20MHz_(64QAM)_2TX	-			-	-	-	-	-	-	-	-
3560MHz	Pass	110	-30	3.56G	3.551093G	3.568891G	3.55G	3.7G	-2.191	1	-
3560MHz	Pass	110	-20	3.56G	3.551082G	3.568892G	3.55G	3.7G	-3.669	1	-
3560MHz	Pass	110	-10	3.56G	3.551083G	3.568884G	3.55G	3.7G	-4.63	1	-
3560MHz	Pass	110	0	3.56G	3.551087G	3.568891G	3.55G	3.7G	-3.073	1	-
3560MHz	Pass	110	10	3.56G	3.551088G	3.568875G	3.55G	3.7G	-5.217	1	-
3560MHz	Pass	93.5	20	3.56G	3.551087G	3.568883G	3.55G	3.7G	-4.128	1	-
3560MHz	Pass	110	20	3.56G	3.551093G	3.568888G	3.55G	3.7G	-2.59	1	-
3560MHz	Pass	126.5	20	3.56G	3.551089G	3.56889G	3.55G	3.7G	-2.956	1	-
3560MHz	Pass	110	30	3.56G	3.551092G	3.56889G	3.55G	3.7G	-2.582	1	-
3560MHz	Pass	110	40	3.56G	3.551078G	3.568883G	3.55G	3.7G	-5.55	1	-
3560MHz	Pass	110	50	3.56G	3.551085G	3.568883G	3.55G	3.7G	-4.477	1	-
3690MHz	Pass	110	-30	3.69G	3.681081G	3.698898G	3.55G	3.7G	-2.956	1	-
3690MHz	Pass	110	-20	3.69G	3.681096G	3.698887G	3.55G	3.7G	-2.335	1	-
3690MHz	Pass	110	-10	3.69G	3.681089G	3.698888G	3.55G	3.7G	-3.112	1	-
3690MHz	Pass	110	0	3.69G	3.6811G	3.6989G	3.55G	3.7G	-0.053	1	-
3690MHz	Pass	110	10	3.69G	3.681083G	3.698876G	3.55G	3.7G	-5.448	1	-

Frequency Stability Result

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
3690MHz	Pass	93.5	20	3.69G	3.681076G	3.698873G	3.55G	3.7G	-6.84	1	-
3690MHz	Pass	110	20	3.69G	3.681079G	3.698882G	3.55G	3.7G	-5.328	1	-
3690MHz	Pass	126.5	20	3.69G	3.681088G	3.698883G	3.55G	3.7G	-3.952	1	-
3690MHz	Pass	110	30	3.69G	3.681089G	3.69888G	3.55G	3.7G	-4.19	1	-
3690MHz	Pass	110	40	3.69G	3.681089G	3.698893G	3.55G	3.7G	-2.432	1	-
3690MHz	Pass	110	50	3.69G	3.681102G	3.698879G	3.55G	3.7G	-2.592	1	-

<Multi-carrier and/or CA>

Summary

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
LTE_20MHz+20MHz_QPSK_4TX	-			-	-	-			-	-	-
P#3560MHz,#3690MHz	Pass	110	-10	3.56G	3.551091G	3.56887G	3.55G	3.7G	-5.464	1	-

Result

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
LTE_20MHz+20MHz_QPSK_4TX	-			-	-	-			-	-	-
P#3560MHz,#3690MHz	Pass	110	-30	3.56G	3.551105G	3.568888G	3.55G	3.7G	-0.877	1	-
P#3560MHz,#3690MHz	Pass	110	-20	3.56G	3.551098G	3.568892G	3.55G	3.7G	-1.403	1	-
P#3560MHz,#3690MHz	Pass	110	-10	3.56G	3.551091G	3.56887G	3.55G	3.7G	-5.464	1	-
P#3560MHz,#3690MHz	Pass	110	0	3.56G	3.551093G	3.568891G	3.55G	3.7G	-2.315	1	-
P#3560MHz,#3690MHz	Pass	110	10	3.56G	3.551094G	3.568869G	3.55G	3.7G	-5.084	1	-
P#3560MHz,#3690MHz	Pass	93.5	20	3.56G	3.551089G	3.568893G	3.55G	3.7G	-2.618	1	-
P#3560MHz,#3690MHz	Pass	110	20	3.56G	3.551091G	3.568881G	3.55G	3.7G	-3.835	1	-
P#3560MHz,#3690MHz	Pass	126.5	20	3.56G	3.551098G	3.568886G	3.55G	3.7G	-2.234	1	-
P#3560MHz,#3690MHz	Pass	110	30	3.56G	3.551107G	3.56888G	3.55G	3.7G	-1.817	1	-
P#3560MHz,#3690MHz	Pass	110	40	3.56G	3.551096G	3.568879G	3.55G	3.7G	-3.498	1	-
P#3560MHz,#3690MHz	Pass	110	50	3.56G	3.55109G	3.568886G	3.55G	3.7G	-3.242	1	-
P#3690MHz,#3560MHz	Pass	110	-30	3.69G	3.681098G	3.698887G	3.55G	3.7G	-2.078	1	-
P#3690MHz,#3560MHz	Pass	110	-20	3.69G	3.68109G	3.698894G	3.55G	3.7G	-2.157	1	-
P#3690MHz,#3560MHz	Pass	110	-10	3.69G	3.681106G	3.698903G	3.55G	3.7G	1.151	1	-
P#3690MHz,#3560MHz	Pass	110	0	3.69G	3.681097G	3.698919G	3.55G	3.7G	2.172	1	-
P#3690MHz,#3560MHz	Pass	110	10	3.69G	3.681103G	3.698899G	3.55G	3.7G	0.335	1	-
P#3690MHz,#3560MHz	Pass	93.5	20	3.69G	3.681089G	3.69891G	3.55G	3.7G	-0.133	1	-
P#3690MHz,#3560MHz	Pass	110	20	3.69G	3.681088G	3.698895G	3.55G	3.7G	-2.264	1	-
P#3690MHz,#3560MHz	Pass	126.5	20	3.69G	3.6811G	3.698902G	3.55G	3.7G	0.241	1	-
P#3690MHz,#3560MHz	Pass	110	30	3.69G	3.681088G	3.698891G	3.55G	3.7G	-2.892	1	-
P#3690MHz,#3560MHz	Pass	110	40	3.69G	3.681101G	3.69888G	3.55G	3.7G	-2.595	1	-
P#3690MHz,#3560MHz	Pass	110	50	3.69G	3.681093G	3.69888G	3.55G	3.7G	-3.635	1	-
LTE_20MHz+20MHz_16QAM_4TX	-			-	-	-			-	-	-
P#3560MHz,#3690MHz	Pass	110	-30	3.56G	3.551104G	3.568895G	3.55G	3.7G	-0.139	1	-
P#3560MHz,#3690MHz	Pass	110	-20	3.56G	3.551093G	3.568893G	3.55G	3.7G	-1.955	1	-
P#3560MHz,#3690MHz	Pass	110	-10	3.56G	3.551099G	3.568895G	3.55G	3.7G	-0.782	1	-
P#3560MHz,#3690MHz	Pass	110	0	3.56G	3.551089G	3.568893G	3.55G	3.7G	-2.658	1	-
P#3560MHz,#3690MHz	Pass	110	10	3.56G	3.551102G	3.568884G	3.55G	3.7G	-1.978	1	-
P#3560MHz,#3690MHz	Pass	93.5	20	3.56G	3.551108G	3.568873G	3.55G	3.7G	-2.644	1	-
P#3560MHz,#3690MHz	Pass	110	20	3.56G	3.551099G	3.568886G	3.55G	3.7G	-2.1	1	-
P#3560MHz,#3690MHz	Pass	126.5	20	3.56G	3.551095G	3.568883G	3.55G	3.7G	-3.101	1	-
P#3560MHz,#3690MHz	Pass	110	30	3.56G	3.551092G	3.568895G	3.55G	3.7G	-1.859	1	-
P#3560MHz,#3690MHz	Pass	110	40	3.56G	3.551097G	3.568876G	3.55G	3.7G	-3.742	1	-
P#3560MHz,#3690MHz	Pass	110	50	3.56G	3.551117G	3.568881G	3.55G	3.7G	-0.394	1	-
P#3690MHz,#3560MHz	Pass	110	-30	3.69G	3.681093G	3.698903G	3.55G	3.7G	-0.471	1	-
P#3690MHz,#3560MHz	Pass	110	-20	3.69G	3.681109G	3.698886G	3.55G	3.7G	-0.668	1	-
P#3690MHz,#3560MHz	Pass	110	-10	3.69G	3.681105G	3.698892G	3.55G	3.7G	-0.422	1	-
P#3690MHz,#3560MHz	Pass	110	0	3.69G	3.681096G	3.698899G	3.55G	3.7G	-0.695	1	-
P#3690MHz,#3560MHz	Pass	110	10	3.69G	3.681108G	3.698907G	3.55G	3.7G	1.965	1	-
P#3690MHz,#3560MHz	Pass	93.5	20	3.69G	3.681092G	3.698906G	3.55G	3.7G	-0.283	1	-
P#3690MHz,#3560MHz	Pass	110	20	3.69G	3.681086G	3.698912G	3.55G	3.7G	-0.366	1	-
P#3690MHz,#3560MHz	Pass	126.5	20	3.69G	3.681089G	3.698885G	3.55G	3.7G	-3.538	1	-
P#3690MHz,#3560MHz	Pass	110	30	3.69G	3.681102G	3.698904G	3.55G	3.7G	0.732	1	-

Mode	Result	Voltage (V)	Temp (°C)	Ch (Hz)	Fl (Hz)	Fh (Hz)	Fl Limit (Hz)	Fh Limit (Hz)	ppm	Port	Remark
P#3690MHz,#3560MHz	Pass	110	40	3.69G	3.681089G	3.698897G	3.55G	3.7G	-1.909	1	-
P#3690MHz,#3560MHz	Pass	110	50	3.69G	3.68109G	3.698882G	3.55G	3.7G	-3.78	1	-
LTE_20MHz+20MHz_64QAM_4TX	-			-	-	-			-	-	-
P#3560MHz,#3690MHz	Pass	110	-30	3.56G	3.551101G	3.568901G	3.55G	3.7G	0.263	1	-
P#3560MHz,#3690MHz	Pass	110	-20	3.56G	3.551107G	3.568887G	3.55G	3.7G	-0.722	1	-
P#3560MHz,#3690MHz	Pass	110	-10	3.56G	3.551098G	3.568895G	3.55G	3.7G	-0.991	1	-
P#3560MHz,#3690MHz	Pass	110	0	3.56G	3.551091G	3.568882G	3.55G	3.7G	-3.704	1	-
P#3560MHz,#3690MHz	Pass	110	10	3.56G	3.551103G	3.568897G	3.55G	3.7G	-0.006	1	-
P#3560MHz,#3690MHz	Pass	93.5	20	3.56G	3.551091G	3.568902G	3.55G	3.7G	-1.023	1	-
P#3560MHz,#3690MHz	Pass	110	20	3.56G	3.551098G	3.568903G	3.55G	3.7G	0.257	1	-
P#3560MHz,#3690MHz	Pass	126.5	20	3.56G	3.551098G	3.568895G	3.55G	3.7G	-1.036	1	-
P#3560MHz,#3690MHz	Pass	110	30	3.56G	3.551105G	3.568908G	3.55G	3.7G	1.851	1	-
P#3560MHz,#3690MHz	Pass	110	40	3.56G	3.551095G	3.568899G	3.55G	3.7G	-0.941	1	-
P#3560MHz,#3690MHz	Pass	110	50	3.56G	3.551106G	3.568888G	3.55G	3.7G	-0.754	1	-
P#3690MHz,#3560MHz	Pass	110	-30	3.69G	3.68109G	3.698905G	3.55G	3.7G	-0.692	1	-
P#3690MHz,#3560MHz	Pass	110	-20	3.69G	3.681085G	3.698896G	3.55G	3.7G	-2.602	1	-
P#3690MHz,#3560MHz	Pass	110	-10	3.69G	3.681094G	3.69889G	3.55G	3.7G	-2.135	1	-
P#3690MHz,#3560MHz	Pass	110	0	3.69G	3.681092G	3.6989G	3.55G	3.7G	-1.079	1	-
P#3690MHz,#3560MHz	Pass	110	10	3.69G	3.681107G	3.698889G	3.55G	3.7G	-0.52	1	-
P#3690MHz,#3560MHz	Pass	93.5	20	3.69G	3.681105G	3.698894G	3.55G	3.7G	-0.188	1	-
P#3690MHz,#3560MHz	Pass	110	20	3.69G	3.681109G	3.698893G	3.55G	3.7G	0.329	1	-
P#3690MHz,#3560MHz	Pass	126.5	20	3.69G	3.681103G	3.698899G	3.55G	3.7G	0.311	1	-
P#3690MHz,#3560MHz	Pass	110	30	3.69G	3.681092G	3.698897G	3.55G	3.7G	-1.563	1	-
P#3690MHz,#3560MHz	Pass	110	40	3.69G	3.681096G	3.698895G	3.55G	3.7G	-1.281	1	-
P#3690MHz,#3560MHz	Pass	110	50	3.69G	3.6811G	3.698903G	3.55G	3.7G	0.424	1	-