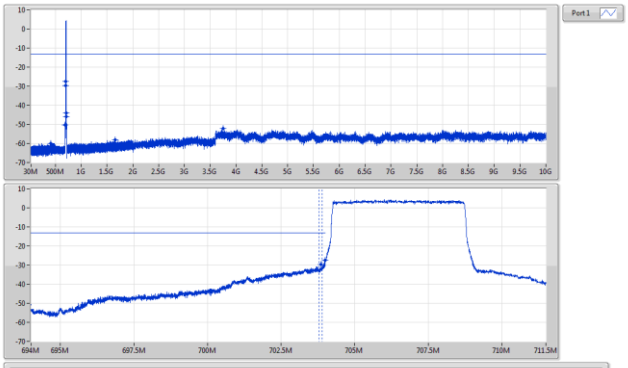
Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
Band 17	-	-	-	-	-	-	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1 TX											
713.5MHz_QPSK_RB 1,#RB H	Pass	716M	716.1M	51k	160k	RMS	716M	-19.71	-13.00	-6.71	1
LTE_5MHz_Nss1,16QAM_ 1TX											
713.5MHz_16QAM_RB 1,#RB H	Pass	716M	716.1M	51k	160k	RMS	716M	-21.43	-13.00	-8.43	1
LTE_10MHz_Nss1,QPSK_1 TX											
709MHz_QPSK_RB 1,#RB L	Pass	703.9M	704M	100k	300k	RMS	704M	-28.40	-13.00	-15.40	1
LTE_10MHz_Nss1,16QAM _1TX											
709MHz_16QAM_RB 50,#RB 0	Pass	703.9M	704M	100k	300k	RMS	704M	-30.41	-13.00	-17.41	1

Band 17_LTE_5MHz_Nss1,QPSK_1TX

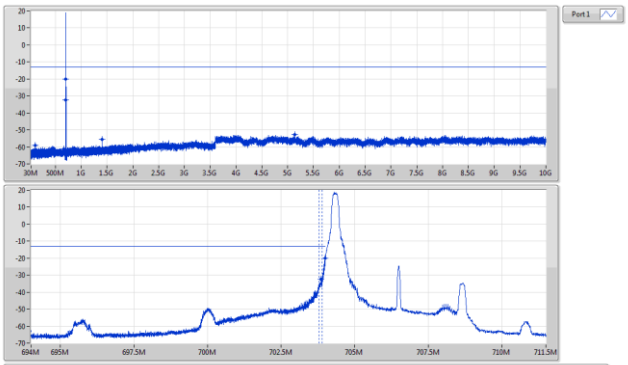
706.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	410.61M	-59.87	-13.00	-46.87	1	-	-
500M	694M	100k	300k	RMS	692.27M	-50.34	-13.00	-37.34	1	-	-
694M	703.9M	51k	160k	RMS	703.85M	-29.66	-13.00	-16.66	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	704M	-27.58	-13.00	-14.58	1	-	-
716M	716.1M	51k	160k	RMS	716.08M	-45.89	-13.00	-32.89	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-44.17	-13.00	-31.17	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.6567G	-58.03	-13.00	-45.03	1	-	-
2G	10G	100k	300k	RMS	3.7488G	-52.22	-13.00	-39.22	1	-	-

Band 17_LTE_5MHz_Nss1,QPSK_1TX

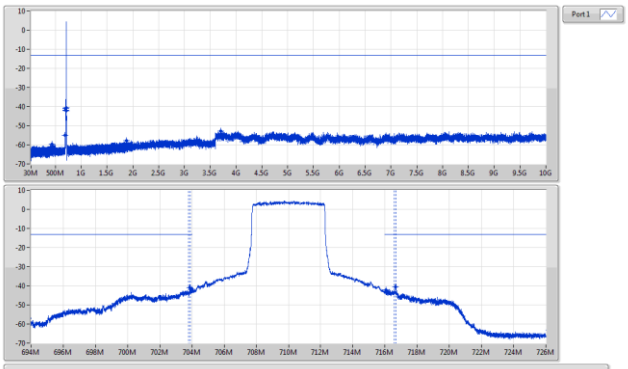
706.5MHz_QPSK_RB 1,#RB L



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	107.62M	-59.12	-13.00	-46.12	1	-	-
500M	694M	100k	300k	RMS	661.62M	-61.12	-13.00	-48.12	1	-	-
694M	703.9M	51k	160k	RMS	703.85M	-32.27	-13.00	-19.27	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	704M	-20.05	-13.00	-7.05	1	-	-
716M	716.1M	51k	160k	RMS	716.09M	-64.17	-13.00	-51.17	1	-	-
716.1M	726M	51k	160k	RMS	717.25M	-61.77	-13.00	-48.77	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.4086?G	-55.58	-13.00	-42.58	1	-	-
2G	10G	100k	300k	RMS	5.1404G	-52.67	-13.00	-39.67	1	-	-

Band 17_LTE_5MHz_Nss1,QPSK_1TX

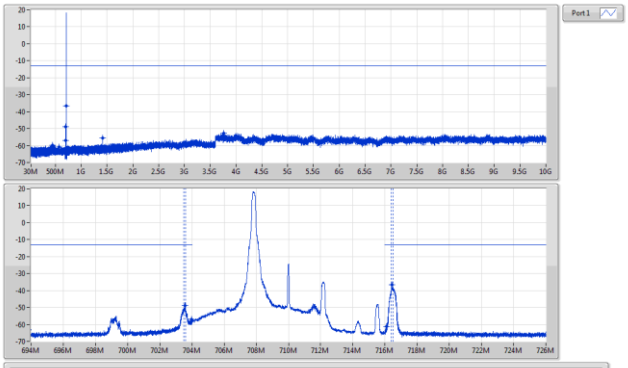
710MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	431.85M	-59.65	-13.00	-46.65	1	-	-
500M	694M	100k	300k	RMS	692.84M	-55.14	-13.00	-42.14	1	-	-
694M	703.9M	51k	160k	RMS	703.85M	-41.05	-13.00	-28.05	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	704M	-42.01	-13.00	-29.01	1	-	-
716M	716.1M	51k	160k	RMS	716.05M	-42.07	-13.00	-29.07	1	-	-
716.1M	726M	51k	160k	RMS	716.65M	-40.78	-13.00	-27.78	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.8792?G	-57.74	-13.00	-44.74	1	-	-
2G	10G	100k	300k	RMS	3.7084G	-52.68	-13.00	-39.68	1	-	-

Band 17_LTE_5MHz_Nss1,QPSK_1TX

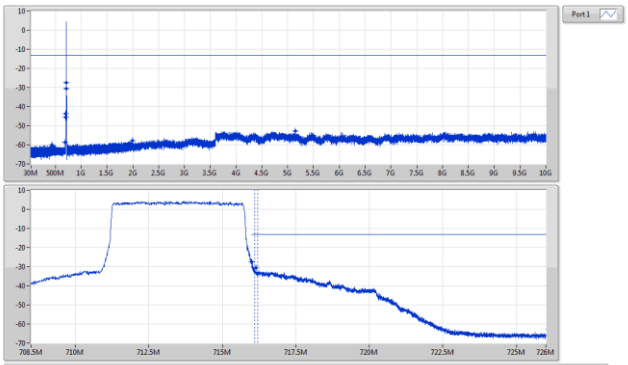
710MHz_QPSK_RB 1,#RB L



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	447.34M	-59.82	-13.00	-46.82	1	-	-
500M	694M	100k	300k	RMS	567.82M	-60.75	-13.00	-47.75	1	-	-
694M	703.9M	51k	160k	RMS	703.55M	-48.85	-13.00	-35.85	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	703.99M	-56.95	-13.00	-43.95	1	-	-
716M	716.1M	51k	160k	RMS	716.1M	-61.10	-13.00	-48.10	1	-	-
716.1M	726M	51k	160k	RMS	716.45M	-36.56	-13.00	-23.56	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.41568G	-55.63	-13.00	-42.63	1	-	-
2G	10G	100k	300k	RMS	3.7588G	-52.61	-13.00	-39.61	1	-	-

Band 17_LTE_5MHz_Nss1,QPSK_1TX

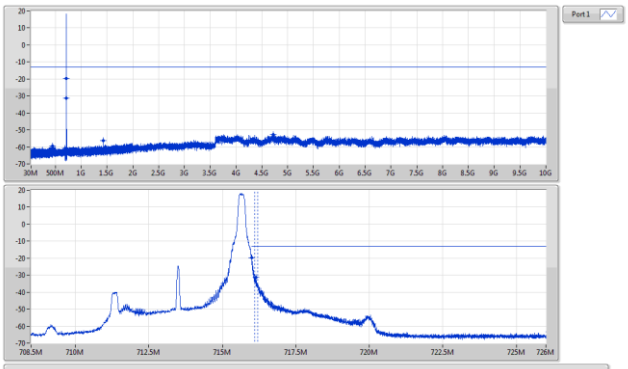
713.5MHz_QPSK_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	428.94M	-60.00	-13.00	-47.00	1	-	-
500M	694M	100k	300k	RMS	692.91M	-58.88	-13.00	-45.88	1	-	-
694M	703.9M	51k	160k	RMS	703.75M	-43.72	-13.00	-30.72	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	703.95M	-45.65	-13.00	-32.65	1	-	-
716M	716.1M	51k	160k	RMS	716M	-27.46	-13.00	-14.46	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-30.54	-13.00	-17.54	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.99847G	-57.90	-13.00	-44.90	1	-	-
2G	10G	100k	300k	RMS	5.1476G	-52.95	-13.00	-39.95	1	-	-

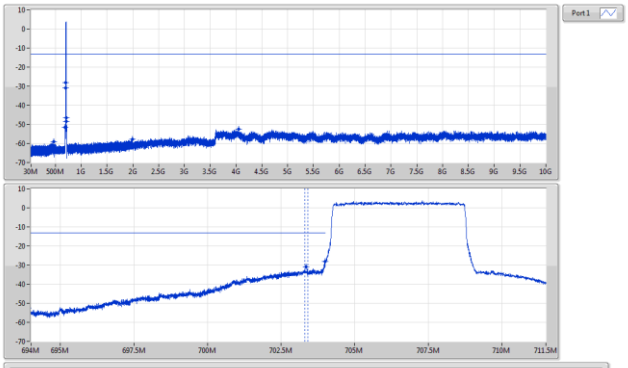
Band 17_LTE_5MHz_Nss1,QPSK_1TX

713.5MHz_QPSK_RB 1,#RB H



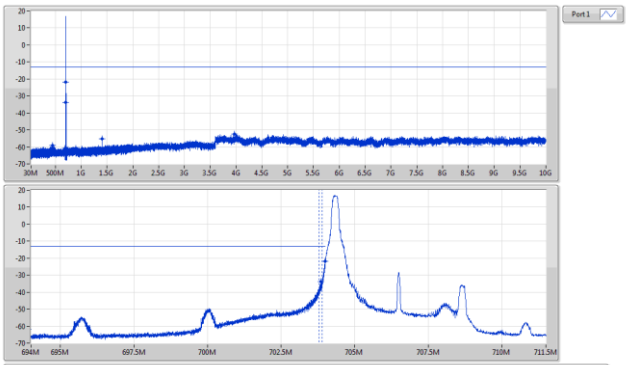
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	440.59M	-59.40	-13.00	-46.40	1	-	-
500M	694M	100k	300k	RMS	692.27M	-60.87	-13.00	-47.87	1	-	-
694M	703.9M	51k	160k	RMS	702.65M	-62.33	-13.00	-49.33	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	703.98M	-64.51	-13.00	-51.51	1	-	-
716M	716.1M	51k	160k	RMS	716M	-19.71	-13.00	-6.71	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-31.30	-13.00	-18.30	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.43135G	-56.43	-13.00	-43.43	1	-	-
2G	10G	100k	300k	RMS	4.7188G	-52.69	-13.00	-39.69	1	-	-

Band 17_LTE_5MHz_Nss1,16QAM_1TX
706.5MHz_16QAM_RB 25,#RB 0



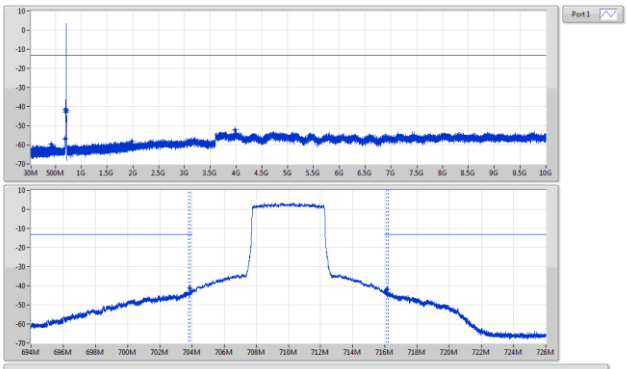
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	472.88M	-59.15	-13.00	-46.15	1	-	-
500M	694M	100k	300k	RMS	693.55M	-51.47	-13.00	-38.47	1	-	-
694M	703.9M	51k	160k	RMS	703.35M	-30.93	-13.00	-17.93	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	704M	-28.02	-13.00	-15.02	1	-	-
716M	716.1M	51k	160k	RMS	716.1M	-48.29	-13.00	-35.29	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-46.44	-13.00	-33.44	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.90134G	-57.90	-13.00	-44.90	1	-	-
2G	10G	100k	300k	RMS	4.048G	-52.51	-13.00	-39.51	1	-	-

Band 17_LTE_5MHz_Nss1,16QAM_1TX
706.5MHz_16QAM_RB 1,#RB L



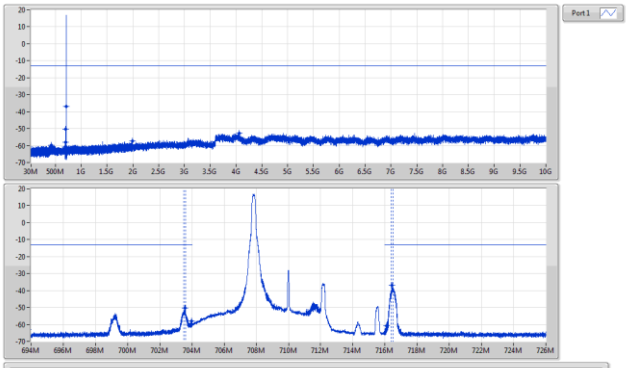
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	451.14M	-59.15	-13.00	-46.15	1	-	-
500M	694M	100k	300k	RMS	693.13M	-60.77	-13.00	-47.77	1	-	-
694M	703.9M	51k	160k	RMS	703.85M	-33.93	-13.00	-20.93	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	704M	-21.86	-13.00	-8.86	1	-	-
716M	716.1M	51k	160k	RMS	716.07M	-64.47	-13.00	-51.47	1	-	-
716.1M	726M	51k	160k	RMS	717.25M	-61.00	-13.00	-48.00	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.40867G	-55.24	-13.00	-42.24	1	-	-
2G	10G	100k	300k	RMS	3.972G	-52.32	-13.00	-39.32	1	-	-

Band 17_LTE_5MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 25,#RB 0



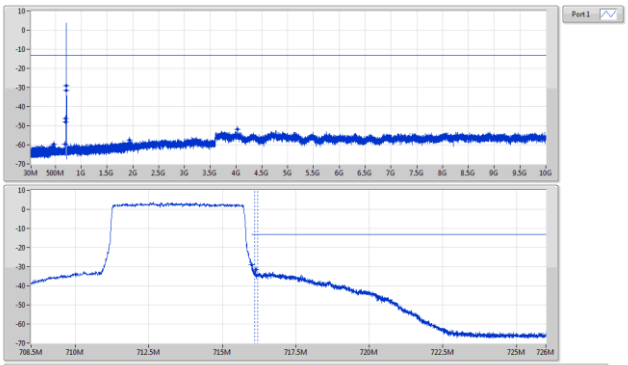
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	423.37M	-59.64	-13.00	-46.64	1	-	-
500M	694M	100k	300k	RMS	693.19M	-56.79	-13.00	-43.79	1	-	-
694M	703.9M	51k	160k	RMS	703.85M	-41.29	-13.00	-28.29	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	704M	-42.81	-13.00	-29.81	1	-	-
716M	716.1M	51k	160k	RMS	716.01M	-42.89	-13.00	-29.89	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-41.84	-13.00	-28.84	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.97898G	-58.09	-13.00	-45.09	1	-	-
2G	10G	100k	300k	RMS	3.9844G	-52.34	-13.00	-39.34	1	-	-

Band 17_LTE_5MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 1,#RB L



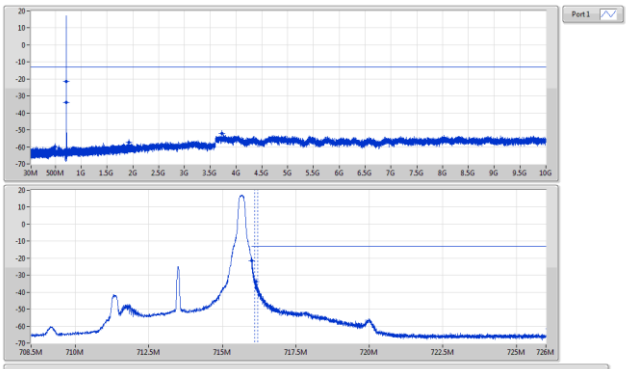
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	425.81M	-59.91	-13.00	-46.91	1	-	-
500M	694M	100k	300k	RMS	691.71M	-60.99	-13.00	-47.99	1	-	-
694M	703.9M	51k	160k	RMS	703.55M	-50.33	-13.00	-37.33	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	703.99M	-58.15	-13.00	-45.15	1	-	-
716M	716.1M	51k	160k	RMS	716.1M	-60.71	-13.00	-47.71	1	-	-
716.1M	726M	51k	160k	RMS	716.45M	-36.87	-13.00	-23.87	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.0989ZG	-57.51	-13.00	-44.51	1	-	-
2G	10G	100k	300k	RMS	4.0604G	-52.82	-13.00	-39.82	1	-	-

Band 17_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 25,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	467.17M	-59.75	-13.00	-46.75	1	-	-
500M	694M	100k	300k	RMS	693.63M	-59.74	-13.00	-46.74	1	-	-
694M	703.9M	51k	160k	RMS	703.75M	-46.16	-13.00	-33.16	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	703.94M	-48.03	-13.00	-35.03	1	-	-
716M	716.1M	51k	160k	RMS	716M	-28.95	-13.00	-15.95	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-31.63	-13.00	-18.63	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.9344SG	-57.63	-13.00	-44.63	1	-	-
2G	10G	100k	300k	RMS	4.0264G	-52.03	-13.00	-39.03	1	-	-

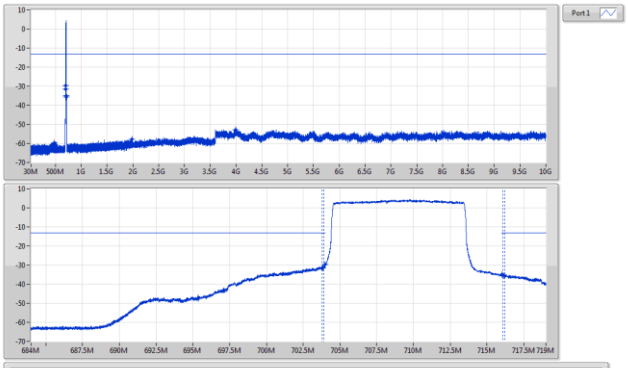
Band 17_LTE_5MHz_Nss1,16QAM_1TX
713.5MHz_16QAM_RB 1,#RB H



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	491.85M	-59.67	-13.00	-46.67	1	-	-
500M	694M	100k	300k	RMS	571.51M	-60.80	-13.00	-47.80	1	-	-
694M	703.9M	51k	160k	RMS	701.65M	-62.66	-13.00	-49.66	1	MBW 100k	-
703.9M	704M	51k	160k	RMS	703.93M	-64.47	-13.00	-51.47	1	-	-
716M	716.1M	51k	160k	RMS	716M	-21.43	-13.00	-8.43	1	-	-
716.1M	726M	51k	160k	RMS	716.15M	-33.69	-13.00	-20.69	1	MBW 100k	-
726M	2G	100k	300k	RMS	1.9250NG	-57.48	-13.00	-44.48	1	-	-
2G	10G	100k	300k	RMS	3.73G	-52.09	-13.00	-39.09	1	-	-

Band 17_LTE_10MHz_Nss1,QPSK_1TX

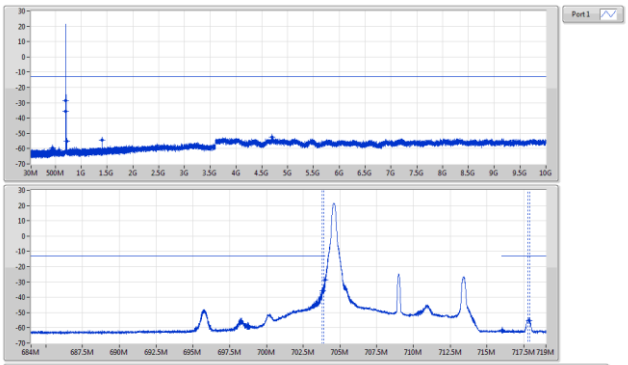
709MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	485.88M	-59.54	-13.00	-46.54	1	-	-
500M	684M	100k	300k	RMS	513.08M	-61.03	-13.00	-48.03	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-31.41	-13.00	-18.41	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	704M	-29.75	-13.00	-16.75	1	-	-
716M	716.1M	100k	300k	RMS	716M	-34.96	-13.00	-21.96	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-35.50	-13.00	-22.50	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.3863G	-57.86	-13.00	-44.86	1	-	-
2G	10G	100k	300k	RMS	3.9928G	-52.66	-13.00	-39.66	1	-	-

Band 17_LTE_10MHz_Nss1,QPSK_1TX

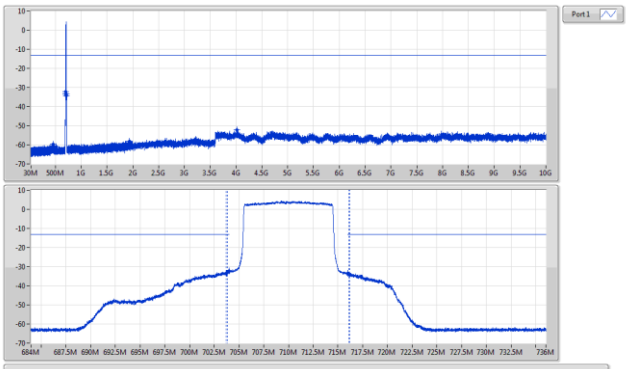
709MHz_QPSK_RB 1,#RB L



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	447.95M	-59.43	-13.00	-46.43	1	-	-
500M	684M	100k	300k	RMS	569.7M	-60.87	-13.00	-47.87	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-35.54	-13.00	-22.54	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	704M	-28.40	-13.00	-15.40	1	-	-
716M	716.1M	100k	300k	RMS	716.02M	-61.55	-13.00	-48.55	1	-	-
716.1M	736M	100k	300k	RMS	717.85M	-55.00	-13.00	-42.00	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.40921G	-54.33	-13.00	-41.33	1	-	-
2G	10G	100k	300k	RMS	4.7G	-52.41	-13.00	-39.41	1	-	-

Band 17_LTE_10MHz_Nss1,QPSK_1TX

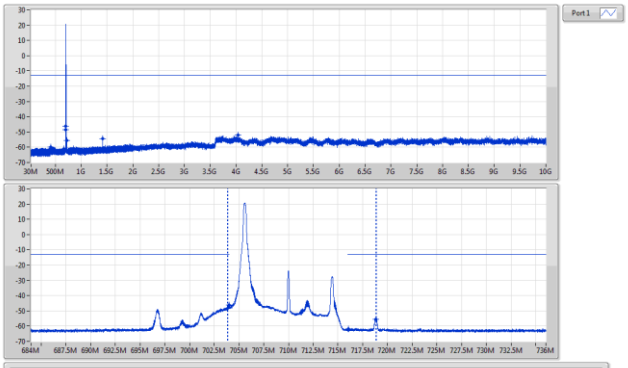
710MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	463.2M	-59.71	-13.00	-46.71	1	-	-
500M	684M	100k	300k	RMS	510.8M	-60.93	-13.00	-47.93	1	-	-
684M	703.9M	100k	300k	RMS	703.75M	-33.39	-13.00	-20.39	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.99M	-32.25	-13.00	-19.25	1	-	-
716M	716.1M	100k	300k	RMS	716.01M	-33.31	-13.00	-20.31	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-34.25	-13.00	-21.25	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.94116G	-58.01	-13.00	-45.01	1	-	-
2G	10G	100k	300k	RMS	4.0204G	-52.26	-13.00	-39.26	1	-	-

Band 17_LTE_10MHz_Nss1,QPSK_1TX

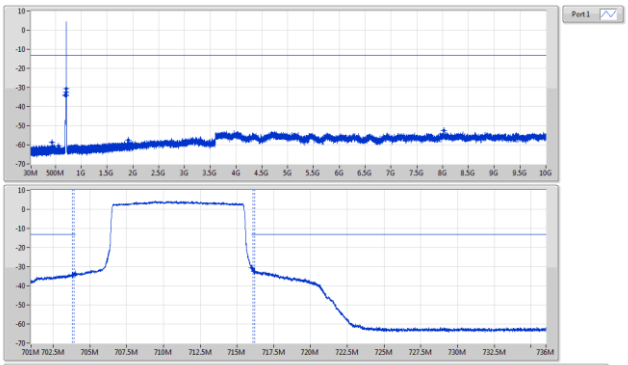
710MHz_QPSK_RB 1,#RB L



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	410.56M	-59.91	-13.00	-46.91	1	-	-
500M	684M	100k	300k	RMS	662.69M	-61.00	-13.00	-48.00	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-48.42	-13.00	-35.42	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.98M	-46.30	-13.00	-33.30	1	-	-
716M	716.1M	100k	300k	RMS	716.05M	-61.61	-13.00	-48.61	1	-	-
716.1M	736M	100k	300k	RMS	718.85M	-55.58	-13.00	-42.58	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.4111G	-54.21	-13.00	-41.21	1	-	-
2G	10G	100k	300k	RMS	4.0436G	-52.19	-13.00	-39.19	1	-	-

Band 17_LTE_10MHz_Nss1,QPSK_1TX

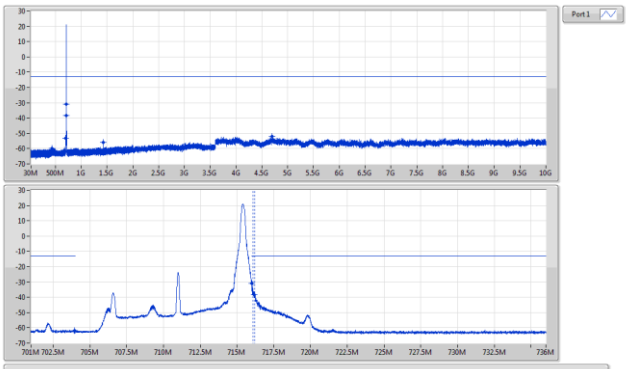
711MHz_QPSK_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	433.8M	-58.76	-13.00	-45.76	1	-	-
500M	684M	100k	300k	RMS	557.37M	-60.57	-13.00	-47.57	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-34.44	-13.00	-21.44	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.99M	-33.79	-13.00	-20.79	1	-	-
716M	716.1M	100k	300k	RMS	716M	-30.60	-13.00	-17.60	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-32.51	-13.00	-19.51	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.9102G	-57.42	-13.00	-44.42	1	-	-
2G	10G	100k	300k	RMS	8.0228G	-52.51	-13.00	-39.51	1	-	-

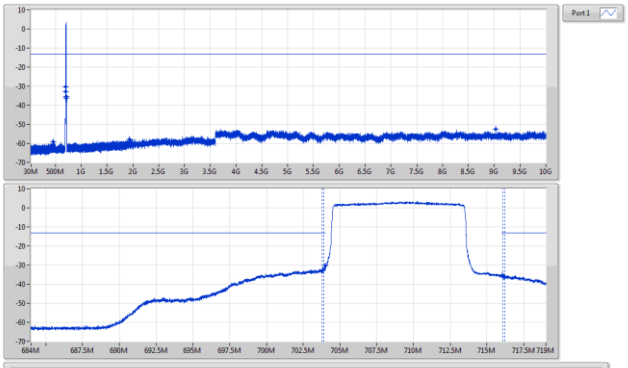
Band 17_LTE_10MHz_Nss1,QPSK_1TX

711MHz_QPSK_RB 1,#RB H



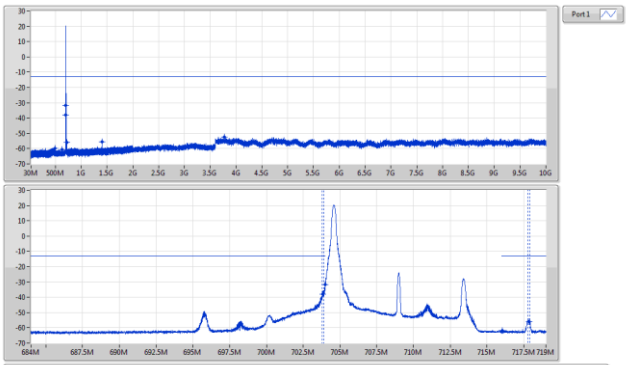
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	429.1M	-59.69	-13.00	-46.69	1	-	-
500M	684M	100k	300k	RMS	680.12M	-61.04	-13.00	-48.04	1	-	-
684M	703.9M	100k	300k	RMS	697.75M	-53.36	-13.00	-40.36	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.97M	-61.68	-13.00	-48.68	1	-	-
716M	716.1M	100k	300k	RMS	716M	-30.90	-13.00	-17.90	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-38.26	-13.00	-25.26	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.4308G	-55.84	-13.00	-42.84	1	-	-
2G	10G	100k	300k	RMS	4.6976G	-52.08	-13.00	-39.08	1	-	-

Band 17_LTE_10MHz_Nss1,16QAM_1TX
709MHz_16QAM_RB 50,#RB 0



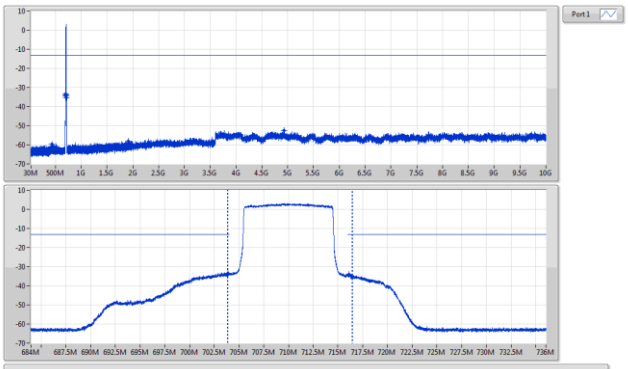
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	456.38M	-59.03	-13.00	-46.03	1	-	-
500M	684M	100k	300k	RMS	610.84M	-60.96	-13.00	-47.96	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-32.88	-13.00	-19.88	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	704M	-30.41	-13.00	-17.41	1	-	-
716M	716.1M	100k	300k	RMS	716.04M	-35.16	-13.00	-22.16	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-36.30	-13.00	-23.30	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.8706G	-57.81	-13.00	-44.81	1	-	-
2G	10G	100k	300k	RMS	9.0348G	-52.44	-13.00	-39.44	1	-	-

Band 17_LTE_10MHz_Nss1,16QAM_1TX
709MHz_16QAM_RB 1,#RB L



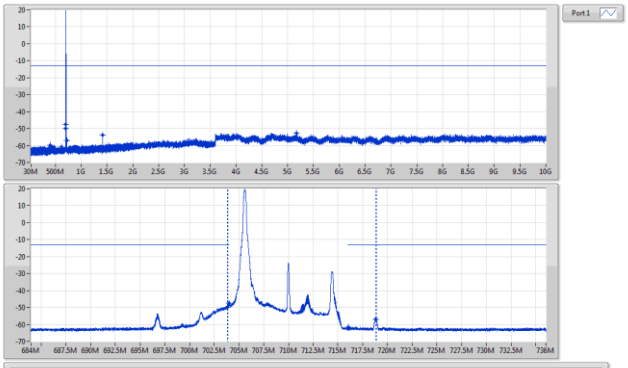
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	490.44M	-59.71	-13.00	-46.71	1	-	-
500M	684M	100k	300k	RMS	625.75M	-60.65	-13.00	-47.65	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-38.15	-13.00	-25.15	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	704M	-31.60	-13.00	-18.60	1	-	-
716M	716.1M	100k	300k	RMS	716.02M	-61.66	-13.00	-48.66	1	-	-
716.1M	736M	100k	300k	RMS	717.85M	-56.07	-13.00	-43.07	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.4092G	-55.52	-13.00	-42.52	1	-	-
2G	10G	100k	300k	RMS	3.7736G	-52.23	-13.00	-39.23	1	-	-

Band 17_LTE_10MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 50,#RB 0



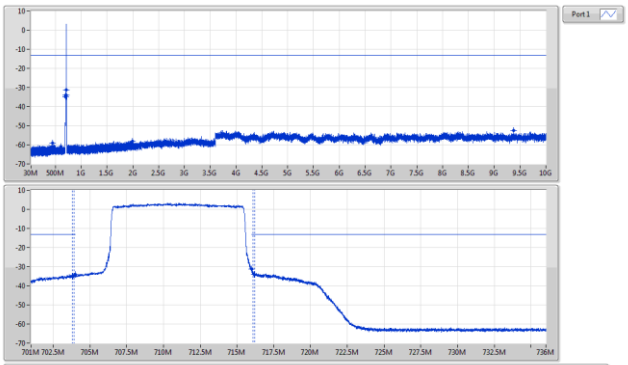
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	437.7M	-59.62	-13.00	-46.62	1	-	-
500M	684M	100k	300k	RMS	512.09M	-61.04	-13.00	-48.04	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-34.24	-13.00	-21.24	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.91M	-33.52	-13.00	-20.52	1	-	-
716M	716.1M	100k	300k	RMS	716.09M	-34.09	-13.00	-21.09	1	-	-
716.1M	736M	100k	300k	RMS	716.45M	-35.16	-13.00	-22.16	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.9182G	-58.08	-13.00	-45.08	1	-	-
2G	10G	100k	300k	RMS	4.9296G	-52.61	-13.00	-39.61	1	-	-

Band 17_LTE_10MHz_Nss1,16QAM_1TX
710MHz_16QAM_RB 1,#RB L



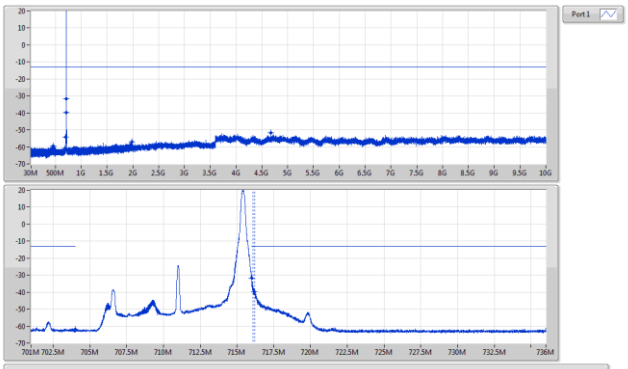
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	401.82M	-59.68	-13.00	-46.68	1	-	-
500M	684M	100k	300k	RMS	624.07M	-60.78	-13.00	-47.78	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-49.91	-13.00	-36.91	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.99M	-47.57	-13.00	-34.57	1	-	-
716M	716.1M	100k	300k	RMS	716.06M	-61.63	-13.00	-48.63	1	-	-
716.1M	736M	100k	300k	RMS	718.85M	-56.91	-13.00	-43.91	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.41117G	-53.73	-13.00	-40.73	1	-	-
2G	10G	100k	300k	RMS	5.16686G	-52.67	-13.00	-39.67	1	-	-

Band 17_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 50,#RB 0



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	450.09M	-59.15	-13.00	-46.15	1	-	-
500M	684M	100k	300k	RMS	602.8M	-61.08	-13.00	-48.08	1	-	-
684M	703.9M	100k	300k	RMS	703.85M	-34.94	-13.00	-21.94	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	704M	-34.06	-13.00	-21.06	1	-	-
716M	716.1M	100k	300k	RMS	716M	-31.15	-13.00	-18.15	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-34.02	-13.00	-21.02	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.99475G	-58.02	-13.00	-45.02	1	-	-
2G	10G	100k	300k	RMS	9.376G	-52.38	-13.00	-39.38	1	-	-

Band 17_LTE_10MHz_Nss1,16QAM_1TX
711MHz_16QAM_RB 1,#RB H



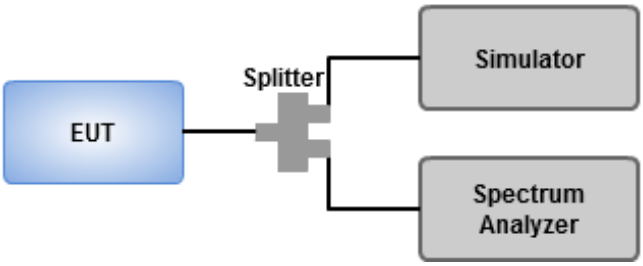
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port	Remark	Ref.Limit(dB)
30M	500M	100k	300k	RMS	461.72M	-59.50	-13.00	-46.50	1	-	-
500M	684M	100k	300k	RMS	683.36M	-60.91	-13.00	-47.91	1	-	-
684M	703.9M	100k	300k	RMS	697.75M	-54.26	-13.00	-41.26	1	MBW 100k	-
703.9M	704M	100k	300k	RMS	703.99M	-61.77	-13.00	-48.77	1	-	-
716M	716.1M	100k	300k	RMS	716M	-31.77	-13.00	-18.77	1	-	-
716.1M	736M	100k	300k	RMS	716.15M	-39.67	-13.00	-26.67	1	MBW 100k	-
736M	2G	100k	300k	RMS	1.97851G	-57.13	-13.00	-44.13	1	-	-
2G	10G	100k	300k	RMS	4.6792G	-51.88	-13.00	-38.88	1	-	-

3.4 Occupied Bandwidth and 26dB Bandwidth

3.4.1 Test Procedures

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Using occupied bandwidth measurement function of spectrum analyzer to measure occupied bandwidth
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 26dB relative to the maximum level measured in the fundamental emission.

3.4.2 Test Setup



3.4.3 Test Result of Occupied Bandwidth

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 12	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	1.276M	1.086M	1M09G7D	1.248M	1.076M
LTE_1.4MHz_Nss1,16QAM_1TX	1.276M	1.083M	1M08W7D	1.255M	1.08M
LTE_3MHz_Nss1,QPSK_1TX	2.933M	2.686M	2M69G7D	2.891M	2.677M
LTE_3MHz_Nss1,16QAM_1TX	2.948M	2.683M	2M68W7D	2.906M	2.681M
LTE_5MHz_Nss1,QPSK_1TX	4.881M	4.469M	4M47G7D	4.844M	4.451M
LTE_5MHz_Nss1,16QAM_1TX	4.925M	4.473M	4M47W7D	4.838M	4.449M
LTE_10MHz_Nss1,QPSK_1TX	9.6M	8.954M	8M95G7D	9.525M	8.94M
LTE_10MHz_Nss1,16QAM_1TX	9.713M	8.952M	8M95W7D	9.563M	8.915M

Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

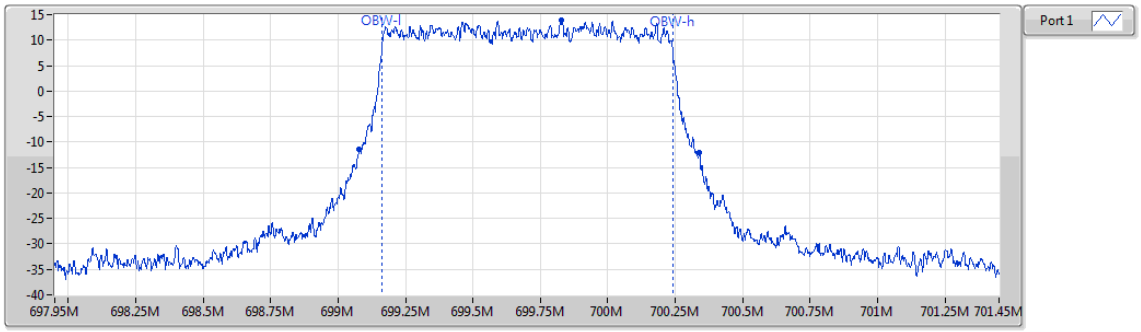
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
LTE_1.4MHz_Nss1_1TX	-	-	-	-
699.7MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.262M	1.076M
707.5MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.276M	1.086M
715.3MHz_QPSK_RB 6,#RB 0	Pass	Inf	1.248M	1.081M
699.7MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.26M	1.08M
707.5MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.276M	1.083M
715.3MHz_16QAM_RB 6,#RB 0	Pass	Inf	1.255M	1.08M
LTE_3MHz_Nss1_1TX	-	-	-	-
700.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.891M	2.683M
707.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.933M	2.686M
714.5MHz_QPSK_RB 15,#RB 0	Pass	Inf	2.918M	2.677M
700.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.948M	2.681M
707.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.906M	2.683M
714.5MHz_16QAM_RB 15,#RB 0	Pass	Inf	2.944M	2.681M
LTE_5MHz_Nss1_1TX	-	-	-	-
701.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.881M	4.451M
707.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.844M	4.469M
713.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.863M	4.456M
701.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.838M	4.449M
707.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.888M	4.463M
713.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.925M	4.473M
LTE_10MHz_Nss1_1TX	-	-	-	-
704MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.525M	8.954M
707.5MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.6M	8.94M
711MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.588M	8.951M
704MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.563M	8.952M
707.5MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.713M	8.934M
711MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.688M	8.915M

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

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX **EBW**

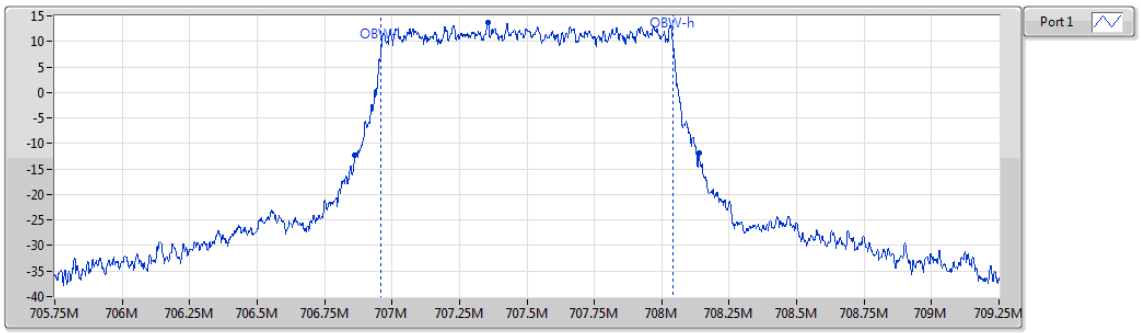
699.7MHz_QPSK_RB 6,#RB 0



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)
1.262M	699.07875M	700.3405M	1.076M	699.163883M	700.239577M	1	699.7M	3.5M	15k	47k

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX **EBW**

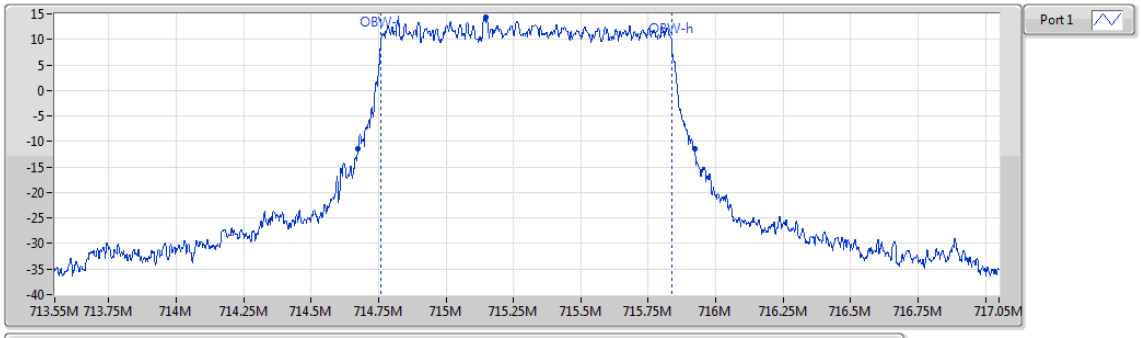
707.5MHz_QPSK_RB 6,#RB 0



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)
1.276M	706.863M	708.13875M	1.086M	706.957766M	708.043345M	1	707.5M	3.5M	15k	47k

Band 12_LTE_1.4MHz_Nss1,QPSK_1TX **EBW**

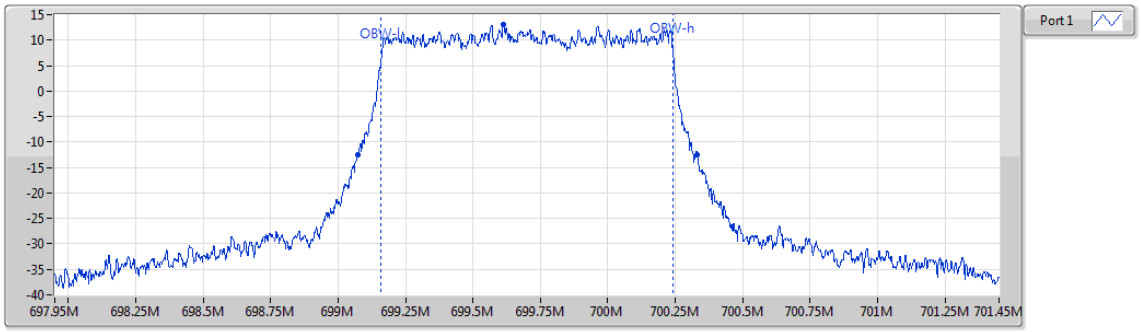
715.3MHz_QPSK_RB 6,#RB 0



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)
1.248M	714.6735M	715.92125M	1.081M	714.758183M	715.839173M	1	715.3M	3.5M	15k	47k

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX **EBW**

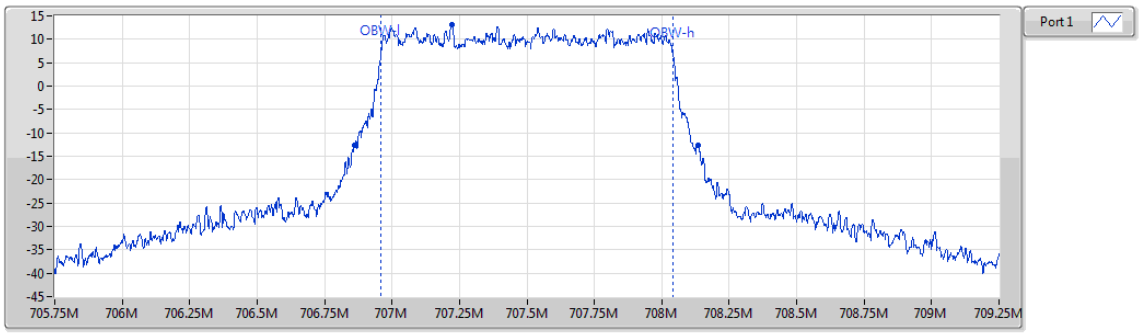
699.7MHz_16QAM_RB 6,#RB 0



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)
1.26M	699.07175M	700.33175M	1.08M	699.16047M	700.240645M	1	699.7M	3.5M	15k	47k

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX **EBW**

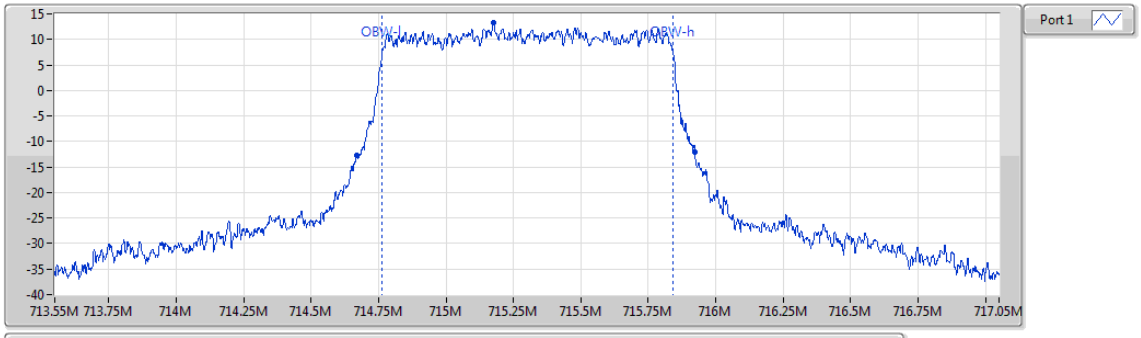
707.5MHz_16QAM_RB 6,#RB 0



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)
1.276M	706.8595M	708.13525M	1.083M	706.958808M	708.041786M	1	707.5M	3.5M	15k	47k

Band 12_LTE_1.4MHz_Nss1,16QAM_1TX **EBW**

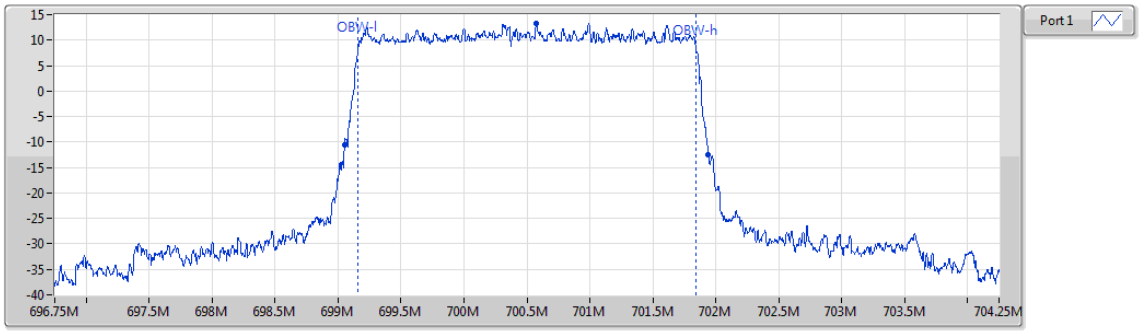
715.3MHz_16QAM_RB 6,#RB 0



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)
1.255M	714.66825M	715.923M	1.08M	714.762119M	715.841653M	1	715.3M	3.5M	15k	47k

Band 12_LTE_3MHz_Nss1,QPSK_1TX **EBW**

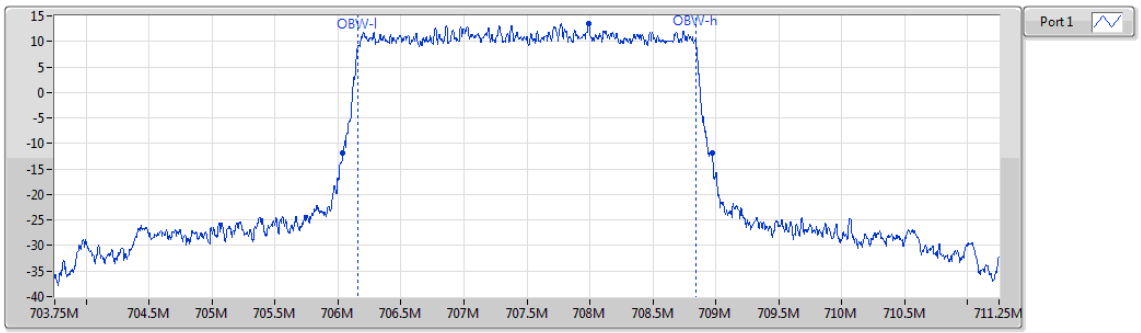
700.5MHz_QPSK_RB 15,#RB 0



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)
2.891M	699.04875M	701.94M	2.683M	699.161148M	701.844426M	1	700.5M	7.5M	30k	100k

Band 12_LTE_3MHz_Nss1,QPSK_1TX **EBW**

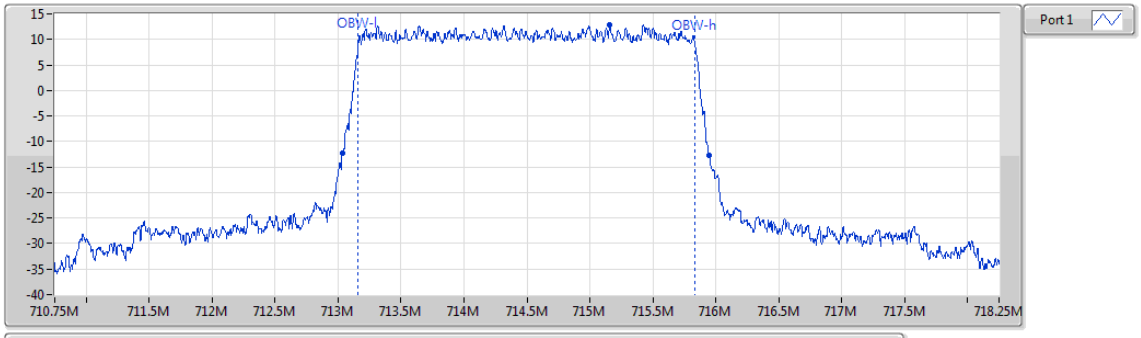
707.5MHz_QPSK_RB 15,#RB 0



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)
2.933M	706.0375M	708.97M	2.686M	706.156551M	708.842664M	1	707.5M	7.5M	30k	100k

Band 12_LTE_3MHz_Nss1,QPSK_1TX **EBW**

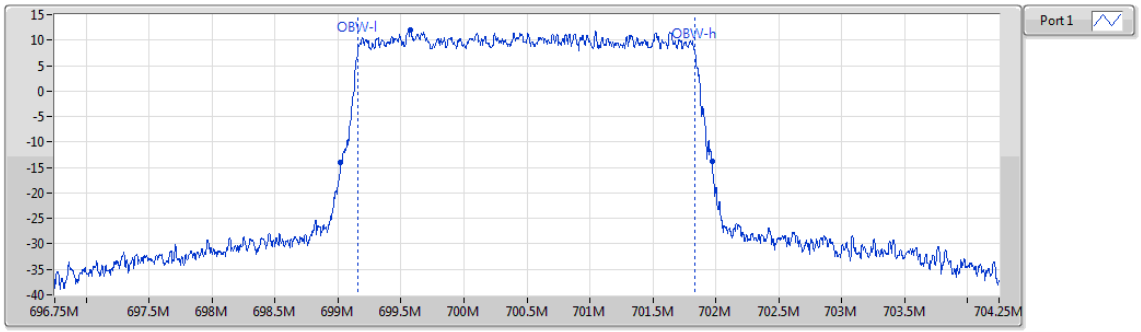
714.5MHz_QPSK_RB 15,#RB 0



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)
2.918M	713.03375M	715.95125M	2.677M	713.160358M	715.837666M	1	714.5M	7.5M	30k	100k

Band 12_LTE_3MHz_Nss1,16QAM_1TX **EBW**

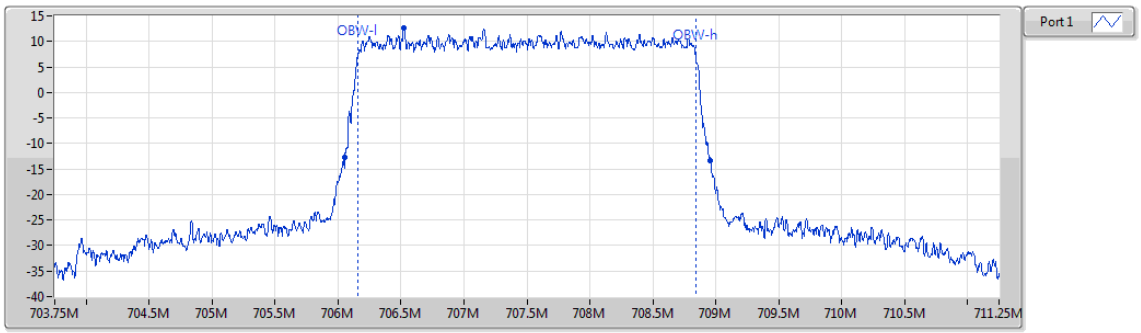
700.5MHz_16QAM_RB 15,#RB 0



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)
2.948M	699.0225M	701.97M	2.681M	699.157083M	701.838007M	1	700.5M	7.5M	30k	100k

Band 12_LTE_3MHz_Nss1,16QAM_1TX **EBW**

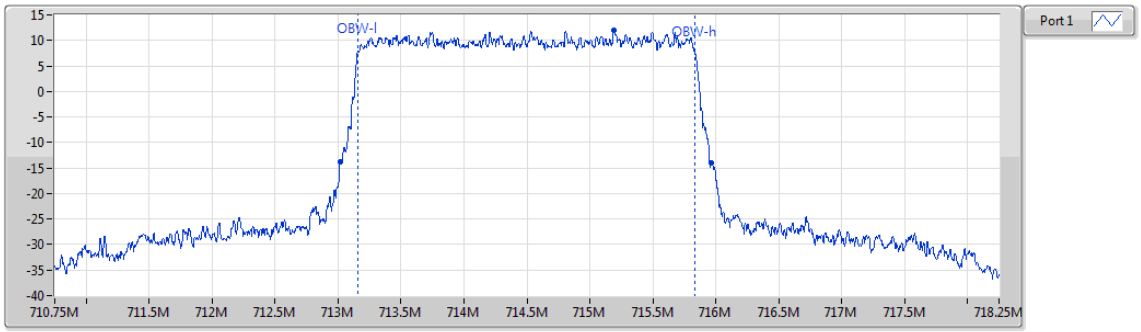
707.5MHz_16QAM_RB 15,#RB 0



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)
2.906M	706.0525M	708.95875M	2.683M	706.157828M	708.840468M	1	707.5M	7.5M	30k	100k

Band 12_LTE_3MHz_Nss1,16QAM_1TX **EBW**

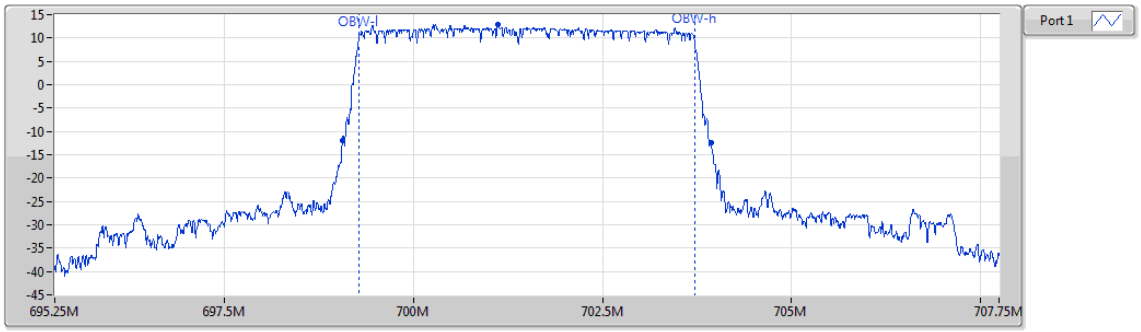
714.5MHz_16QAM_RB 15,#RB 0



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)
2.944M	713.0225M	715.96625M	2.681M	713.157545M	715.838173M	1	714.5M	7.5M	30k	100k

Band 12_LTE_5MHz_Nss1,QPSK_1TX **EBW**

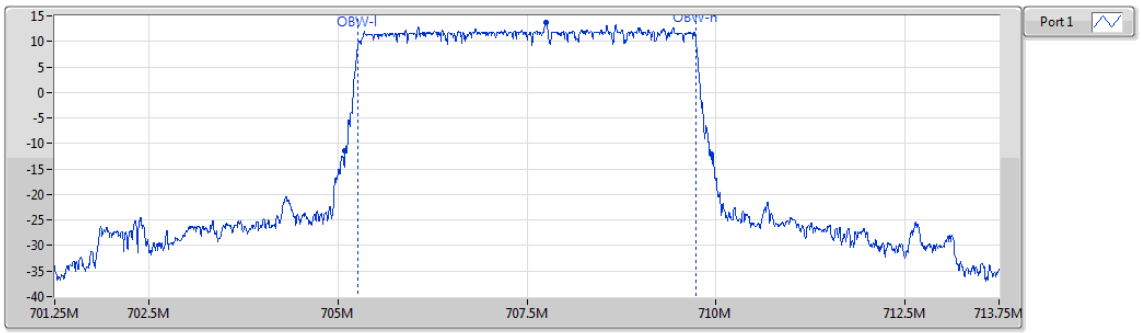
701.5MHz_QPSK_RB 25,#RB 0



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)
4.881M	699.05625M	703.9375M	4.451M	699.269892M	703.720814M	1	701.5M	12.5M	51k	160k

Band 12_LTE_5MHz_Nss1,QPSK_1TX **EBW**

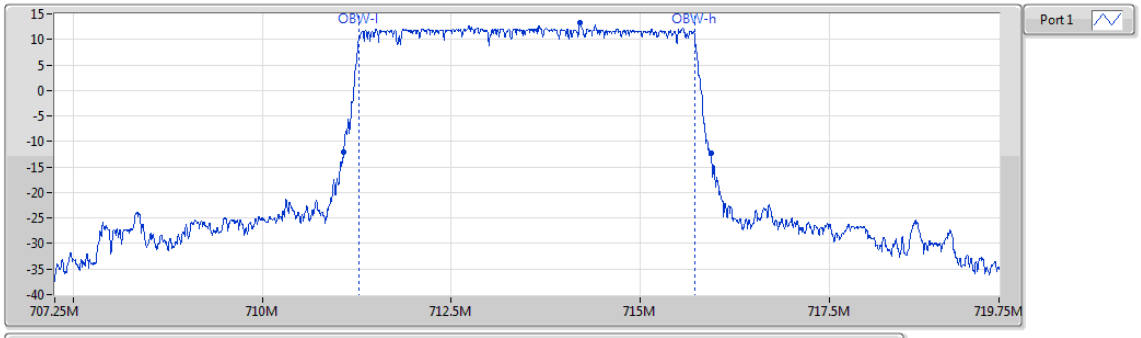
707.5MHz_QPSK_RB 25,#RB 0



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)
4.844M	705.09375M	709.9375M	4.469M	705.267324M	709.735957M	1	707.5M	12.5M	51k	160k

Band 12_LTE_5MHz_Nss1,QPSK_1TX **EBW**

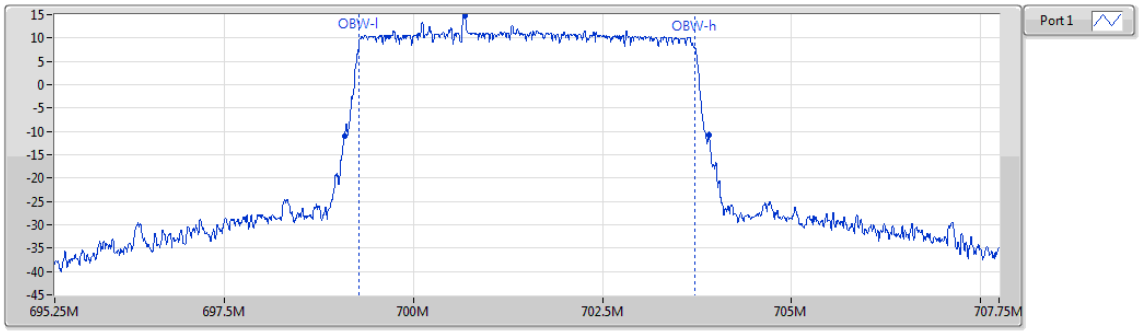
713.5MHz_QPSK_RB 25,#RB 0



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)
4.863M	711.075M	715.9375M	4.456M	711.271073M	715.727469M	1	713.5M	12.5M	51k	160k

Band 12_LTE_5MHz_Nss1,16QAM_1TX **EBW**

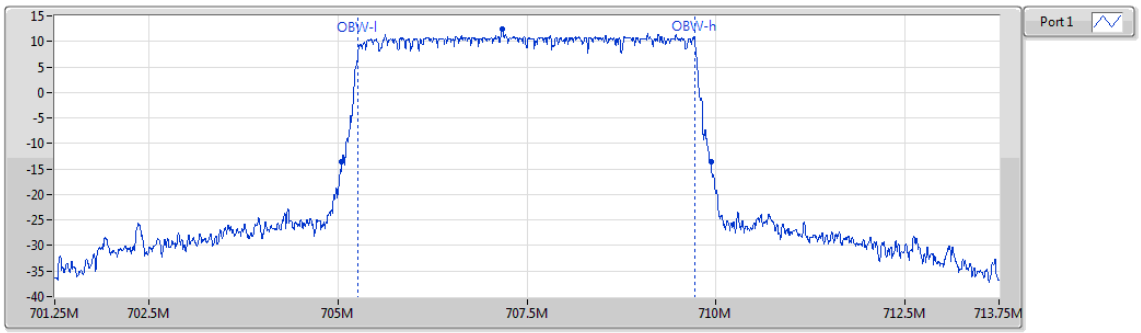
701.5MHz_16QAM_RB 25,#RB 0



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)
4.838M	699.08125M	703.91875M	4.449M	699.274401M	703.723328M	1	701.5M	12.5M	51k	160k

Band 12_LTE_5MHz_Nss1,16QAM_1TX **EBW**

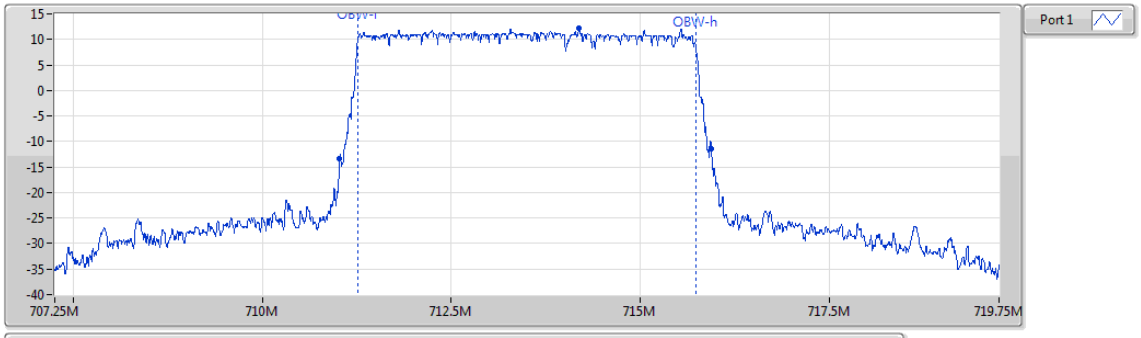
707.5MHz_16QAM_RB 25,#RB 0



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)
4.888M	705.05M	709.9375M	4.463M	705.266976M	709.72967M	1	707.5M	12.5M	51k	160k

Band 12_LTE_5MHz_Nss1,16QAM_1TX **EBW**

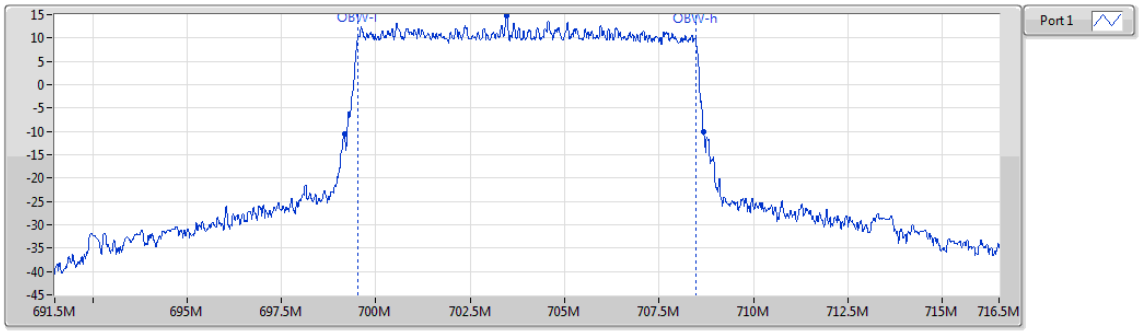
713.5MHz_16QAM_RB 25,#RB 0



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)
4.925M	711.01875M	715.94375M	4.473M	711.260254M	715.733436M	1	713.5M	12.5M	51k	160k

Band 12_LTE_10MHz_Nss1,QPSK_1TX **EBW**

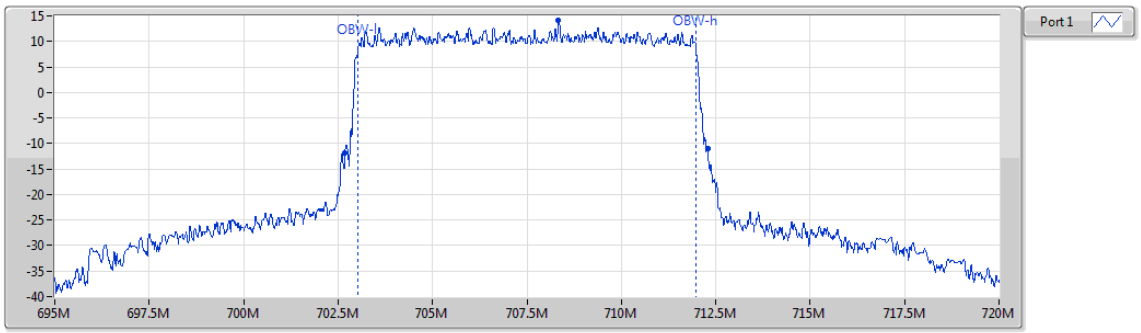
704MHz_QPSK_RB 50,#RB 0



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)
9.525M	699.1625M	708.6875M	8.954M	699.515424M	708.469151M	1	704M	25M	100k	300k

Band 12_LTE_10MHz_Nss1,QPSK_1TX **EBW**

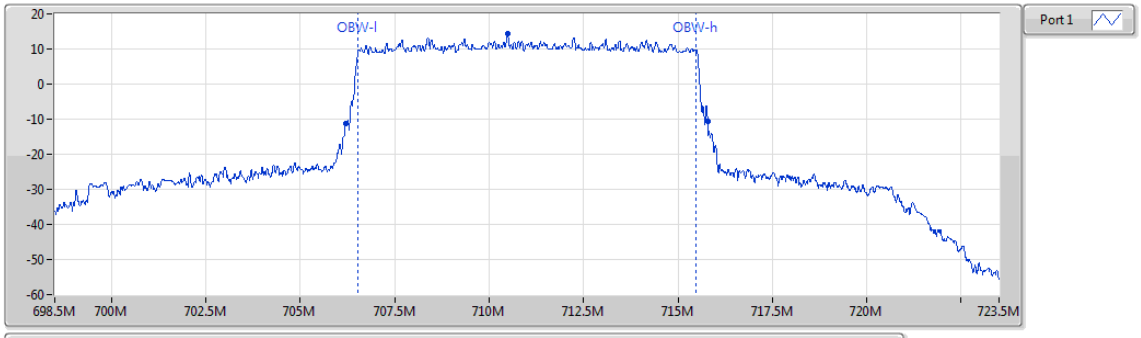
707.5MHz_QPSK_RB 50,#RB 0



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)
9.6M	702.6875M	712.2875M	8.94M	703.02401M	711.963911M	1	707.5M	25M	100k	300k

Band 12_LTE_10MHz_Nss1,QPSK_1TX **EBW**

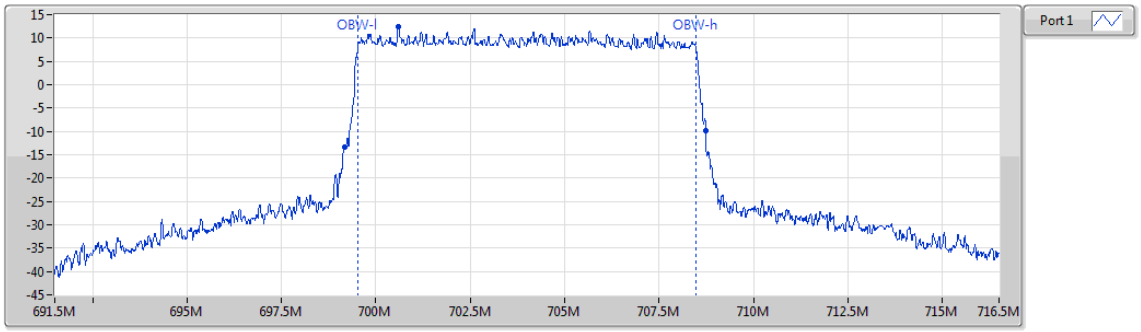
711MHz_QPSK_RB 50,#RB 0



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)
9.588M	706.2M	715.7875M	8.951M	706.5379M	715.489169M	1	711M	25M	100k	300k

Band 12_LTE_10MHz_Nss1,16QAM_1TX **EBW**

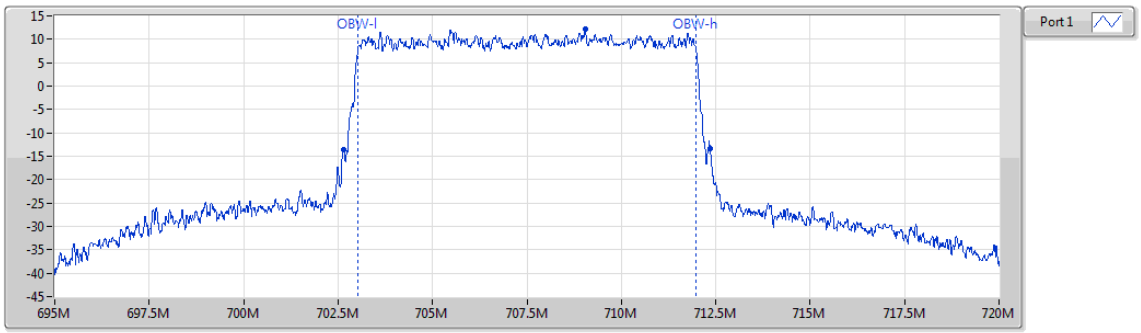
704MHz_16QAM_RB 50,#RB 0



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)
9.563M	699.175M	708.7375M	8.952M	699.523741M	708.475896M	1	704M	25M	100k	300k

Band 12_LTE_10MHz_Nss1,16QAM_1TX **EBW**

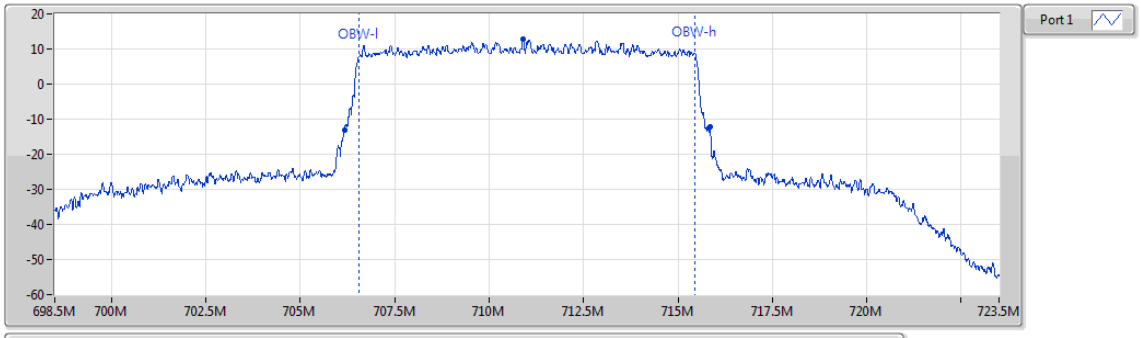
707.5MHz_16QAM_RB 50,#RB 0



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)
9.713M	702.6375M	712.35M	8.934M	703.032204M	711.966047M	1	707.5M	25M	100k	300k

Band 12_LTE_10MHz_Nss1,16QAM_1TX **EBW**

711MHz_16QAM_RB 50,#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)
9.688M	706.1625M	715.85M	8.915M	706.545684M	715.460963M	1	711M	25M	100k	300k

Summary

Mode	Max-NdB (Hz)	Max-OBW (Hz)	ITU-Code	Min-NdB (Hz)	Min-OBW (Hz)
Band 17	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	4.888M	4.473M	4M47G7D	4.863M	4.458M
LTE_5MHz_Nss1,16QAM_1TX	4.925M	4.47M	4M47W7D	4.775M	4.458M
LTE_10MHz_Nss1,QPSK_1TX	9.738M	8.945M	8M95G7D	9.575M	8.926M
LTE_10MHz_Nss1,16QAM_1TX	9.625M	8.947M	8M95W7D	9.513M	8.919M

Max-N dB = Maximum 26dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 26dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

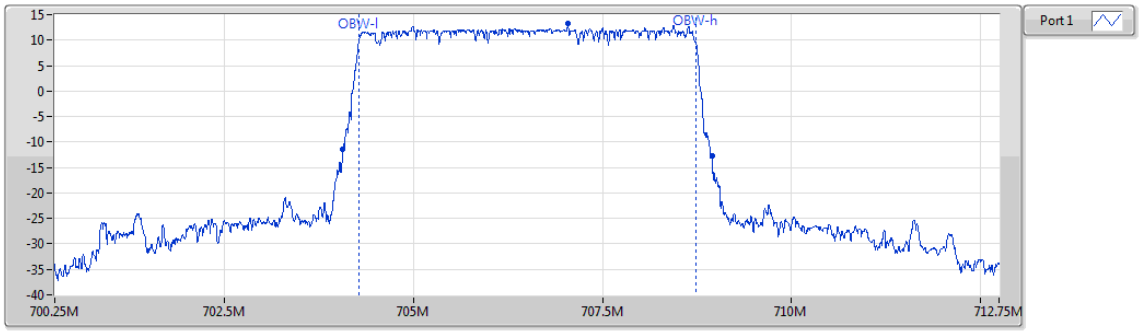
Result

Mode	Result	Limit (Hz)	Port 1-NdB (Hz)	Port 1-OBW (Hz)
LTE_5MHz_Nss1_1TX	-	-	-	-
706.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.888M	4.464M
710MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.888M	4.458M
713.5MHz_QPSK_RB 25,#RB 0	Pass	Inf	4.863M	4.473M
706.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.775M	4.458M
710MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.925M	4.47M
713.5MHz_16QAM_RB 25,#RB 0	Pass	Inf	4.863M	4.462M
LTE_10MHz_Nss1_1TX	-	-	-	-
709MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.6M	8.926M
710MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.575M	8.94M
711MHz_QPSK_RB 50,#RB 0	Pass	Inf	9.738M	8.945M
709MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.6M	8.919M
710MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.513M	8.947M
711MHz_16QAM_RB 50,#RB 0	Pass	Inf	9.625M	8.921M

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

Band 17_LTE_5MHz_Nss1,QPSK_1TX **EBW**

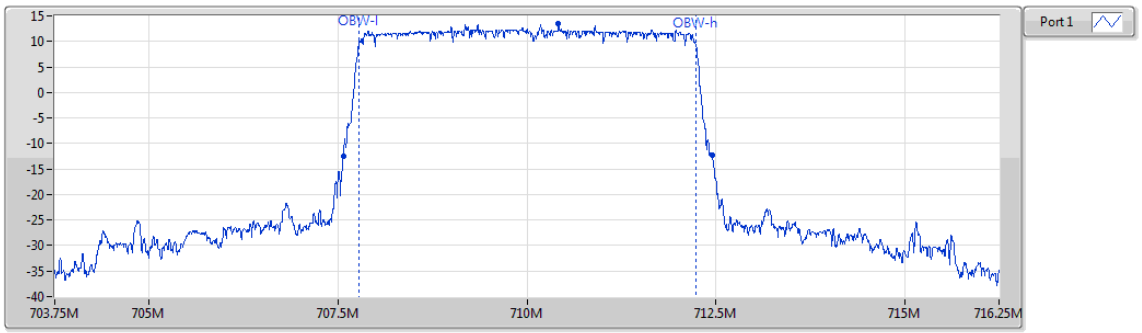
706.5MHz_QPSK_RB 25,#RB 0



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)
4.888M	704.0625M	708.95M	4.464M	704.271653M	708.736082M	1	706.5M	12.5M	51k	160k

Band 17_LTE_5MHz_Nss1,QPSK_1TX **EBW**

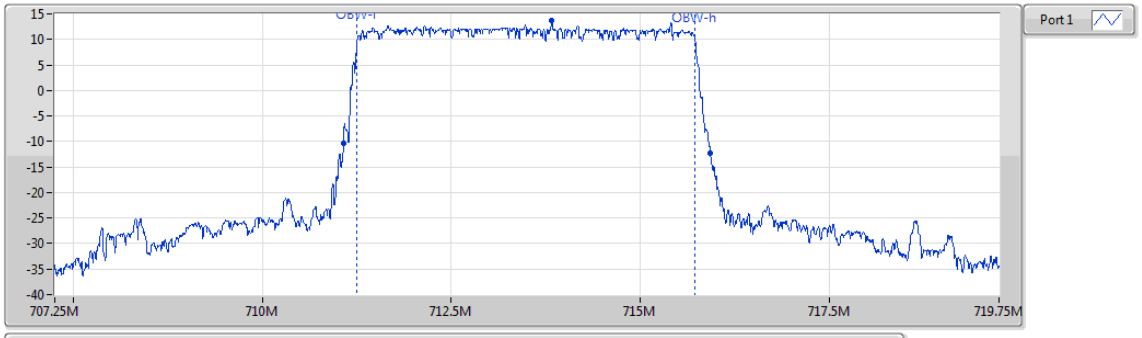
710MHz_QPSK_RB 25,#RB 0



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)
4.888M	707.56875M	712.45625M	4.458M	707.775998M	712.233984M	1	710M	12.5M	51k	160k

Band 17_LTE_5MHz_Nss1,QPSK_1TX **EBW**

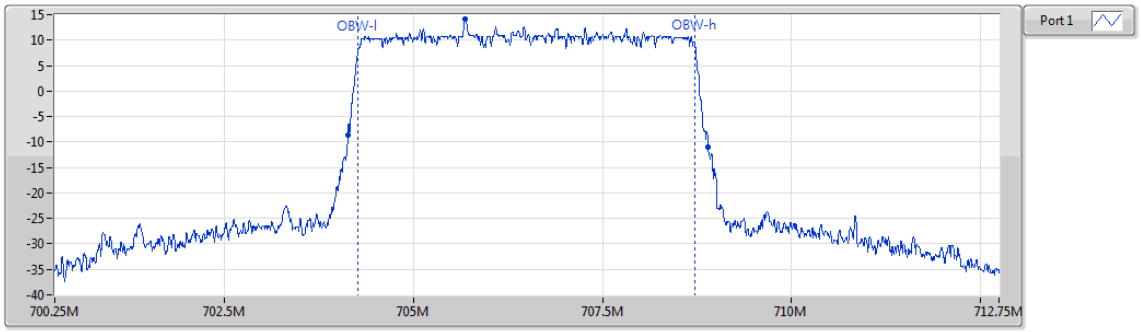
713.5MHz_QPSK_RB 25,#RB 0



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)
4.863M	711.06875M	715.93125M	4.473M	711.253339M	715.72616M	1	713.5M	12.5M	51k	160k

Band 17_LTE_5MHz_Nss1,16QAM_1TX **EBW**

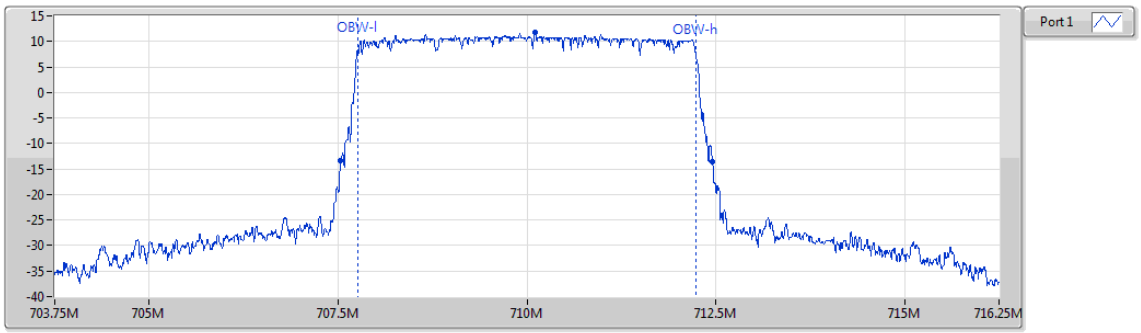
706.5MHz_16QAM_RB 25,#RB 0



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)
4.775M	704.125M	708.9M	4.458M	704.268923M	708.726917M	1	706.5M	12.5M	51k	160k

Band 17_LTE_5MHz_Nss1,16QAM_1TX **EBW**

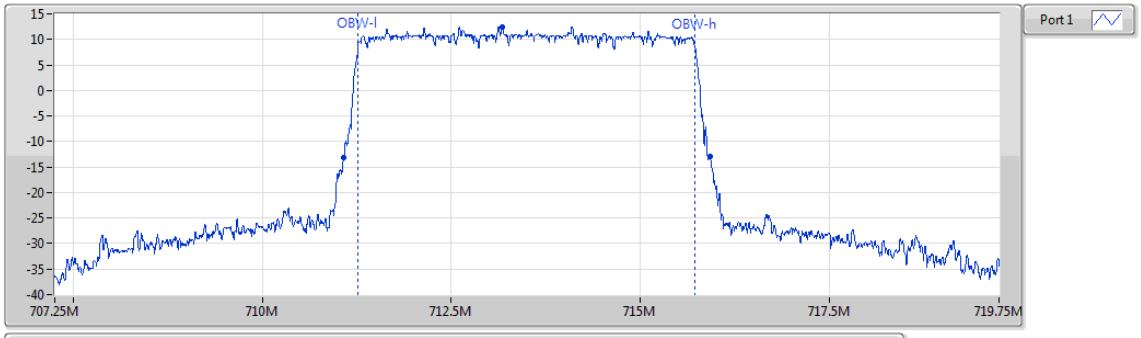
710MHz_16QAM_RB 25,#RB 0



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)
4.925M	707.53125M	712.45625M	4.47M	707.761753M	712.232078M	1	710M	12.5M	51k	160k

Band 17_LTE_5MHz_Nss1,16QAM_1TX **EBW**

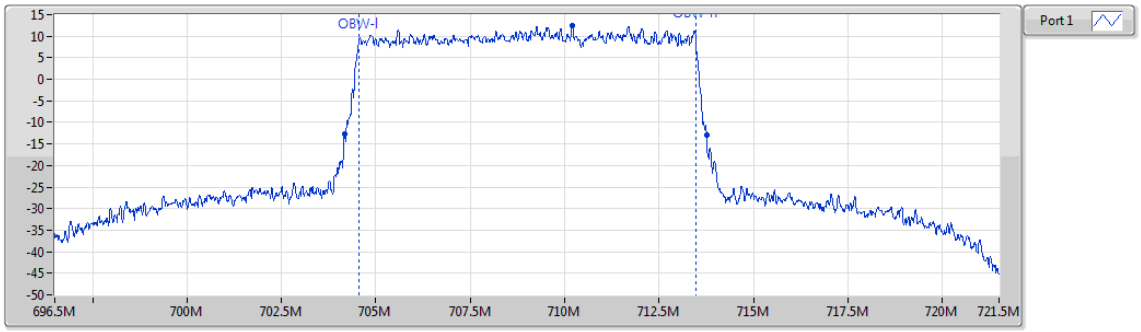
713.5MHz_16QAM_RB 25,#RB 0



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)
4.863M	711.06875M	715.93125M	4.462M	711.264679M	715.726339M	1	713.5M	12.5M	51k	160k

Band 17_LTE_10MHz_Nss1,QPSK_1TX **EBW**

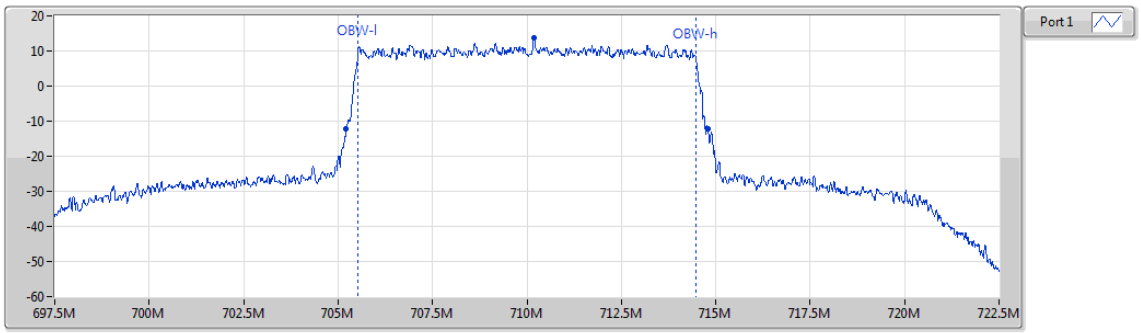
709MHz_QPSK_RB 50,#RB 0



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)
9.6M	704.1625M	713.7625M	8.926M	704.54034M	713.466314M	1	709M	25M	100k	300k

Band 17_LTE_10MHz_Nss1,QPSK_1TX **EBW**

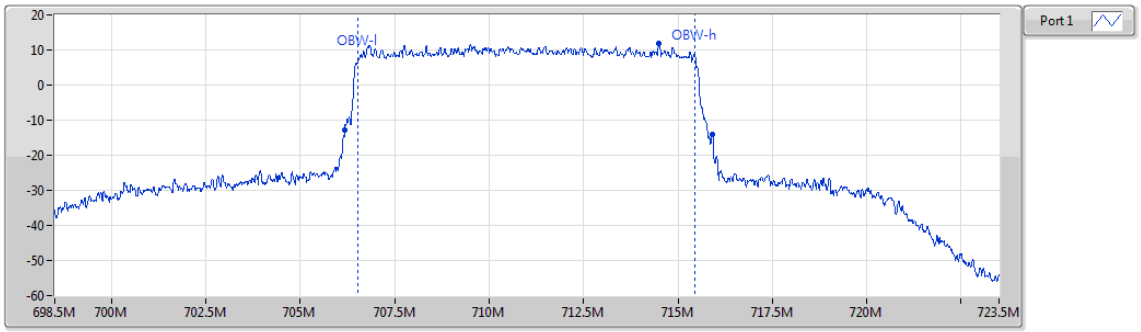
710MHz_QPSK_RB 50,#RB 0



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)
9.575M	705.2125M	714.7875M	8.94M	705.524866M	714.464864M	1	710M	25M	100k	300k

Band 17_LTE_10MHz_Nss1,QPSK_1TX **EBW**

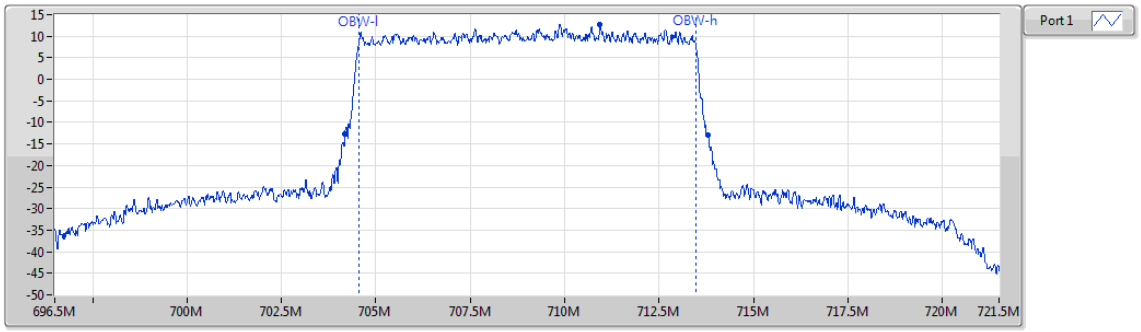
711MHz_QPSK_RB 50,#RB 0



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)
9.738M	706.175M	715.9125M	8.945M	706.51344M	715.458249M	1	711M	25M	100k	300k

Band 17_LTE_10MHz_Nss1,16QAM_1TX **EBW**

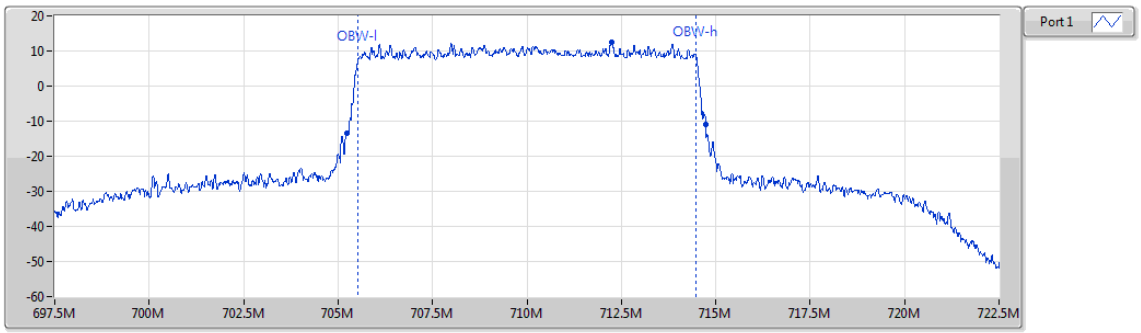
709MHz_16QAM_RB 50,#RB 0



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)
9.6M	704.1875M	713.7875M	8.919M	704.544902M	713.463902M	1	709M	25M	100k	300k

Band 17_LTE_10MHz_Nss1,16QAM_1TX **EBW**

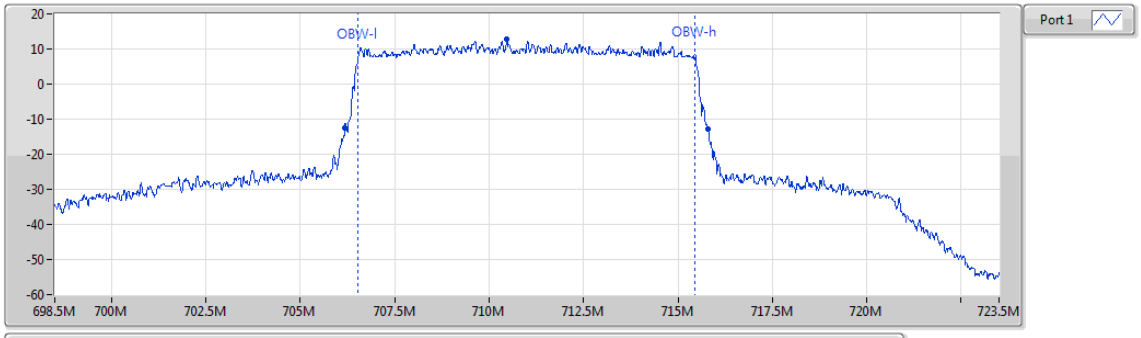
710MHz_16QAM_RB 50,#RB 0



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)
9.513M	705.225M	714.7375M	8.947M	705.533464M	714.480165M	1	710M	25M	100k	300k

Band 17_LTE_10MHz_Nss1,16QAM_1TX **EBW**

711MHz_16QAM_RB 50,#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)
9.625M	706.175M	715.8M	8.921M	706.534757M	715.456122M	1	711M	25M	100k	300k

3.5 Peak to Average Ratio

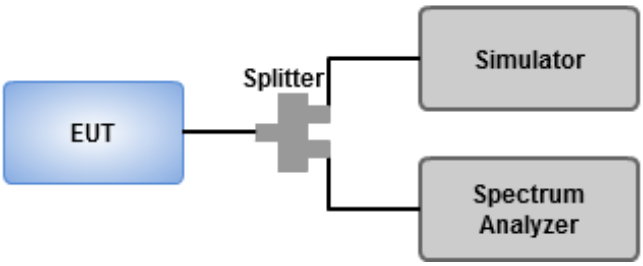
3.5.1 Limit of Peak to Average Ratio

The Peakto-average ratio (PAR) of the transmiss ion may not exceed 13 dB.

3.5.2 Test Procedures

1. Set the number of counts to a value that stabilizes the measured CCDF curve.
2. Set the measurement interval to 1 ms.
3. Record the maximum PAPR level associated with a probability of 0.1%.

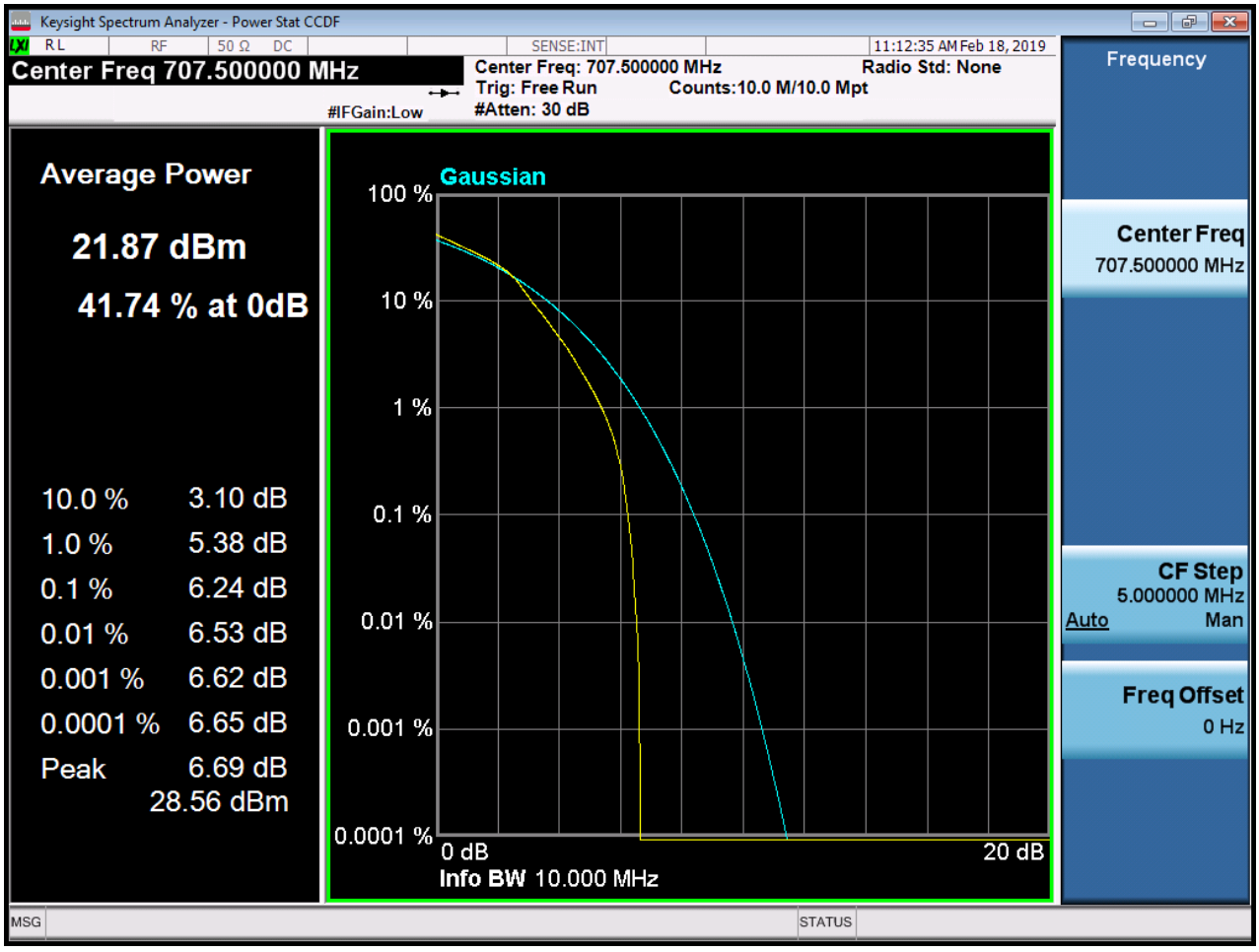
3.5.3 Test Setup



3.5.4 Test Result of Peak to Average Ratio

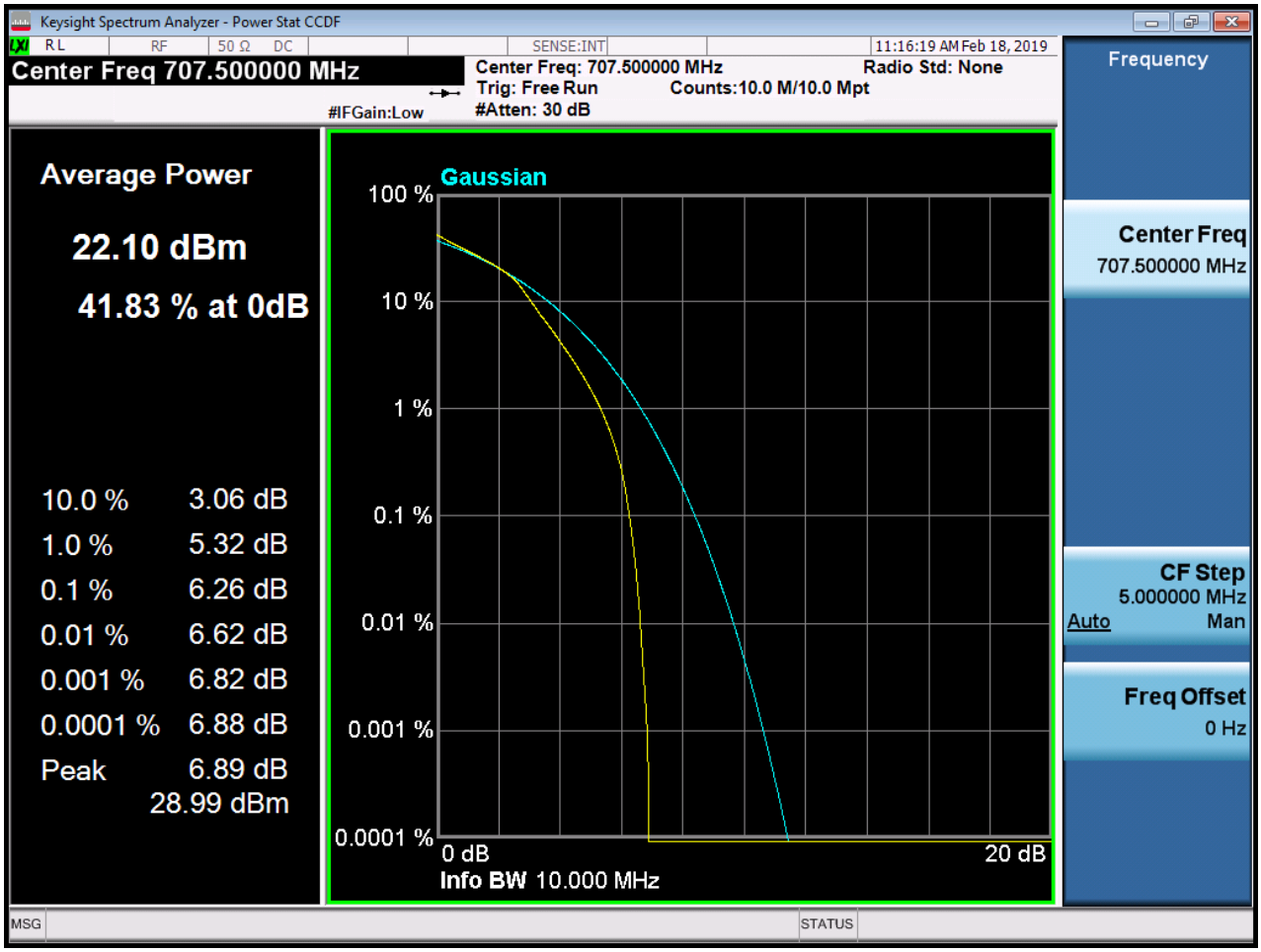
Mode	CB (MHz)	Modulation	Channel	Frequency (MHz)	Peak to Average ratio (dB)
LTE Band 12	1.4	QPSK	23017	699.7	4.98
LTE Band 12	1.4	QPSK	23095	707.5	5.30
LTE Band 12	1.4	QPSK	23173	715.3	5.11
LTE Band 12	1.4	16QAM	23017	699.7	5.87
LTE Band 12	1.4	16QAM	23095	707.5	6.24
LTE Band 12	1.4	16QAM	23173	715.3	6.10

Worst plot



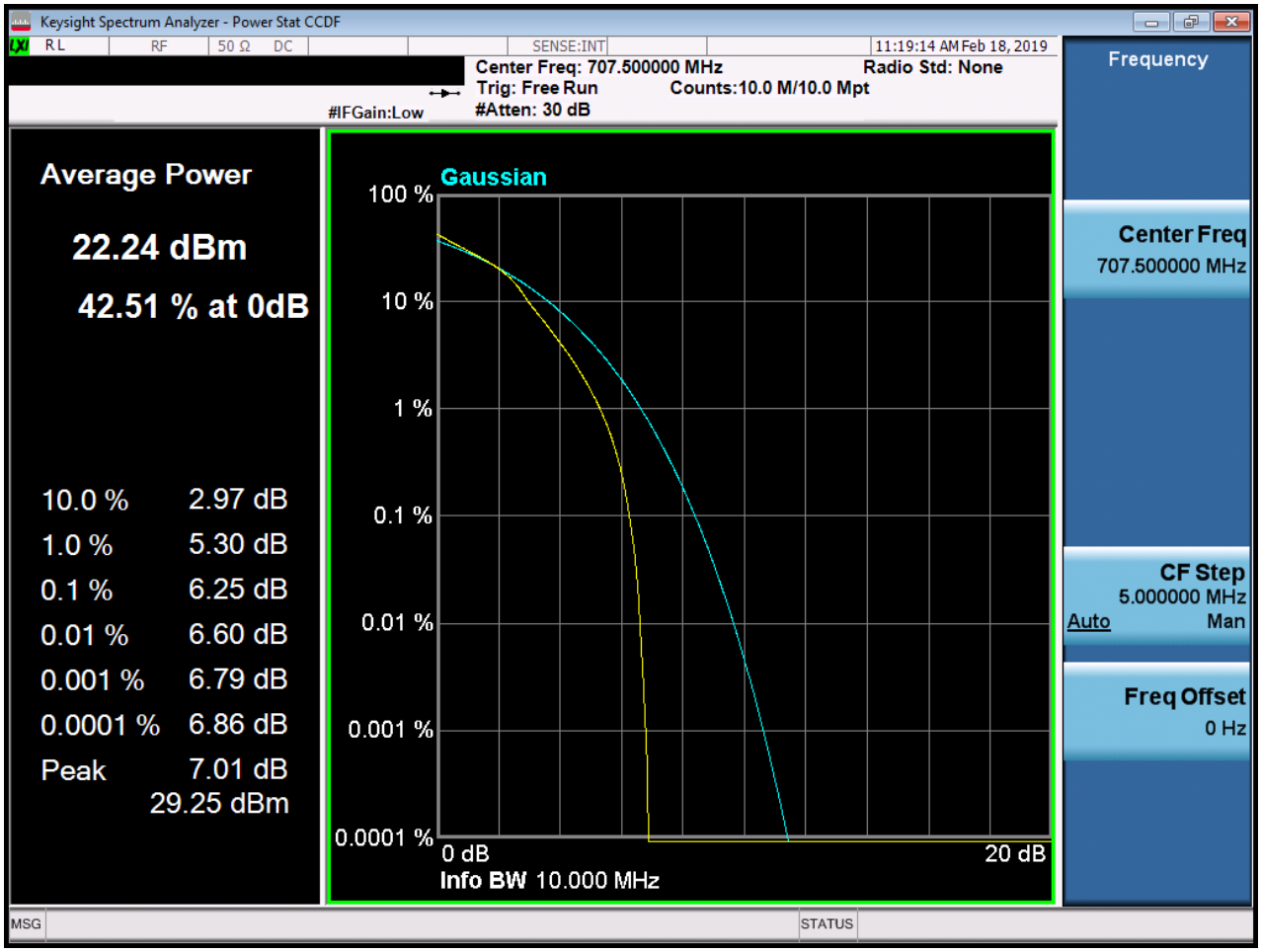
Mode	CB (MHz)	Modulation	Channel	Frequency (MHz)	Peak to Average ratio (dB)
LTE Band 12	3	QPSK	23025	700.5	5.10
LTE Band 12	3	QPSK	23095	707.5	5.39
LTE Band 12	3	QPSK	23165	714.5	5.26
LTE Band 12	3	16QAM	23025	700.5	6.03
LTE Band 12	3	16QAM	23095	707.5	6.26
LTE Band 12	3	16QAM	23165	714.5	6.22

Worst plots



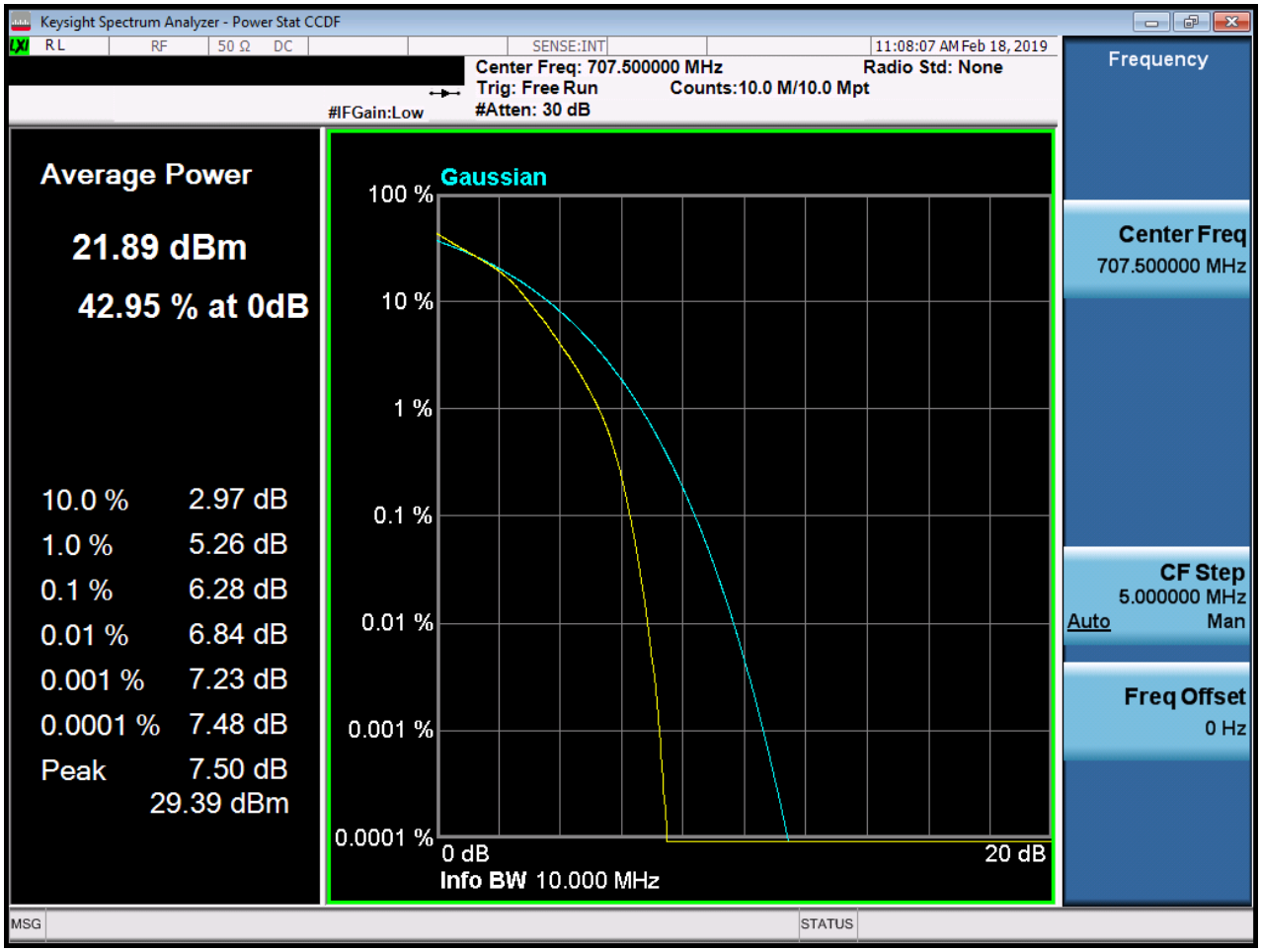
Mode	CB (MHz)	Modulation	Channel	Frequency (MHz)	Peak to Average ratio (dB)
LTE Band 12	5	QPSK	23035	701.5	5.24
LTE Band 12	5	QPSK	23095	707.5	5.44
LTE Band 12	5	QPSK	23155	713.5	5.36
LTE Band 12	5	16QAM	23035	701.5	6.15
LTE Band 12	5	16QAM	23095	707.5	6.25
LTE Band 12	5	16QAM	23155	713.5	6.20

Worst plots



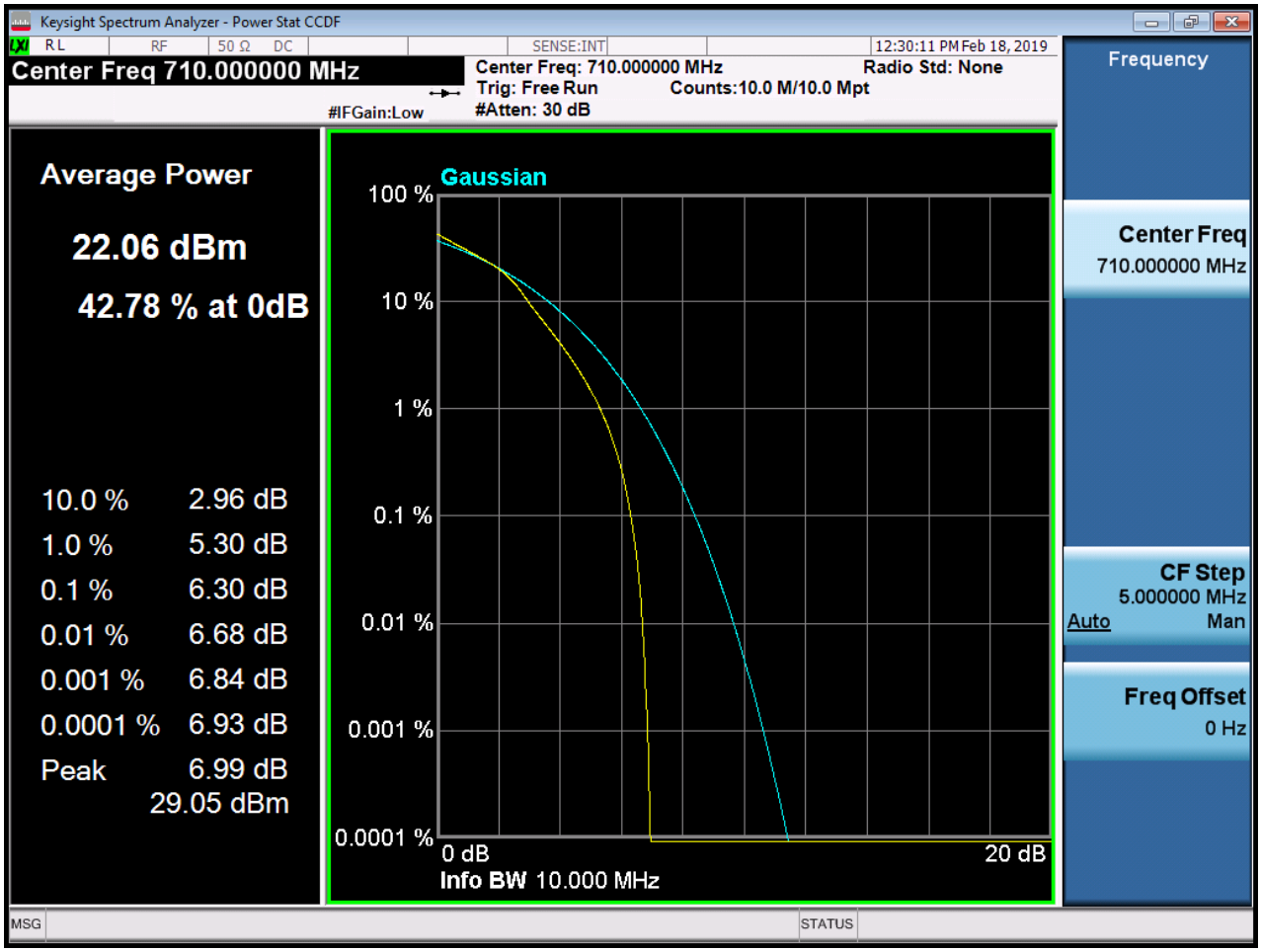
Mode	CB (MHz)	Modulation	Channel	Frequency (MHz)	Peak to Average ratio (dB)
LTE Band 12	10	QPSK	23060	704	5.37
LTE Band 12	10	QPSK	23095	707.5	5.40
LTE Band 12	10	QPSK	23130	711	5.30
LTE Band 12	10	16QAM	23060	704	6.20
LTE Band 12	10	16QAM	23095	707.5	6.28
LTE Band 12	10	16QAM	23130	711	6.24

Worst plots



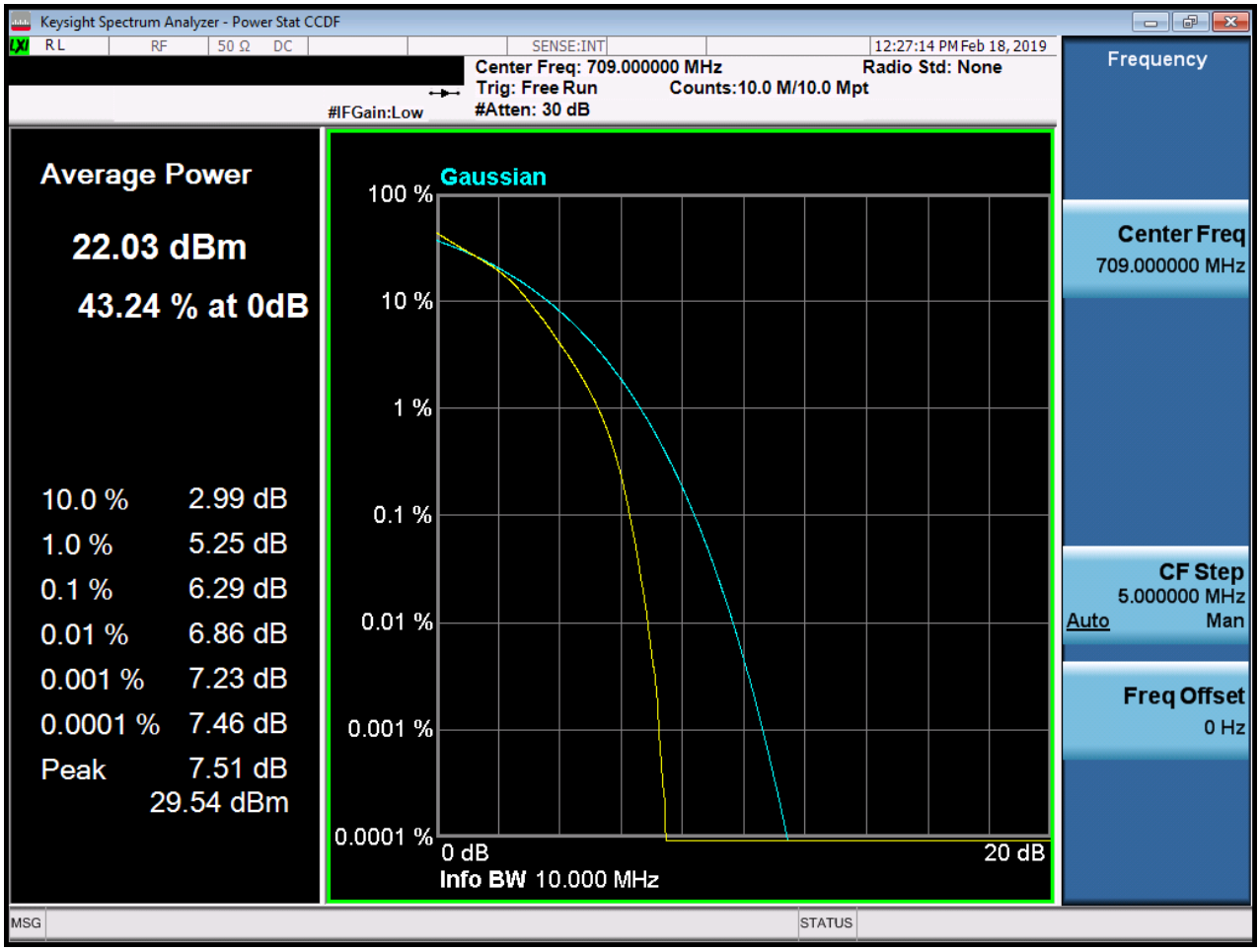
Mode	CB (MHz)	Modulation	Channel	Frequency (MHz)	Peak to Average ratio (dB)
LTE Band 17	5	QPSK	23755	706.5	5.46
LTE Band 17	5	QPSK	23790	710.0	5.41
LTE Band 17	5	QPSK	23825	713.5	5.41
LTE Band 17	5	16QAM	23755	706.5	6.26
LTE Band 17	5	16QAM	23790	710.0	6.30
LTE Band 17	5	16QAM	23825	713.5	6.24

Worst plots



Mode	CB (MHz)	Modulation	Channel	Frequency (MHz)	Peak to Average ratio (dB)
LTE Band 17	10	QPSK	23780	709.0	5.42
LTE Band 17	10	QPSK	23790	710.0	5.41
LTE Band 17	10	QPSK	23800	711.0	5.37
LTE Band 17	10	16QAM	23780	709.0	6.29
LTE Band 17	10	16QAM	23790	710.0	6.26
LTE Band 17	10	16QAM	23800	711.0	6.29

Worst plots



3.6 Frequency Stability

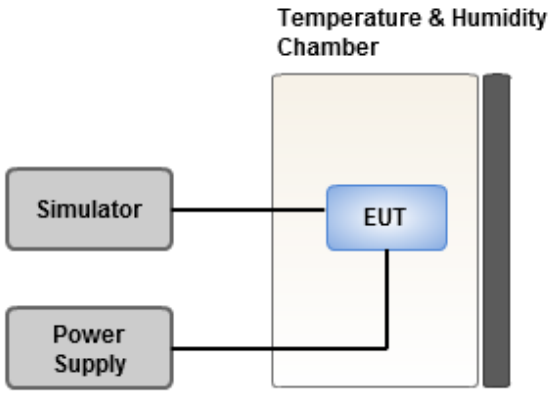
3.6.1 Limit of Frequency Stability

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

3.6.2 Test Procedures

1. EUT was placed at temperature chamber and connected to an external power supply.
2. Temperature and voltage condition shall be tested to confirm frequency stability.
3. The test shall be performed under normal and extreme condition for temperature and voltage.
4. Link up EUT and simulator. Confirm frequency drift value of simulator and record it.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability

LTE Band 12, CB: 1.4MHz		
Temperature (°C)	**Voltage (dc)**	**Frequency Drift (ppm)**
20	4.29	0.001
20	3.51	0.001
55	3.9	0.003
50	3.9	0.003
40	3.9	0.002
30	3.9	0.002
20	3.9	0.002
10	3.9	0.001
0	3.9	-0.002
-10	3.9	-0.002
-20	3.9	-0.003
-30	3.9	-0.003

LTE Band 12, CB: 3MHz		
Temperature (°C)	**Voltage (dc)**	**Frequency Drift (ppm)**
20	4.29	0.002
20	3.51	0.002
55	3.9	0.003
50	3.9	0.002
40	3.9	0.002
30	3.9	0.002
20	3.9	0.002
10	3.9	0.002
0	3.9	-0.001
-10	3.9	-0.002
-20	3.9	-0.002
-30	3.9	-0.002

LTE Band 12, CB: 5MHz		
Temperature (°C)	**Voltage (dc)**	**Frequency Drift (ppm)**
20	4.29	0.002
20	3.51	0.001
55	3.9	0.003
50	3.9	0.003
40	3.9	0.002
30	3.9	0.001
20	3.9	0.001
10	3.9	0.001
0	3.9	-0.001
-10	3.9	-0.002
-20	3.9	-0.002
-30	3.9	-0.003

LTE Band 12, CB: 10MHz		
Temperature (°C)	**Voltage (dc)**	**Frequency Drift (ppm)**
20	4.29	0.002
20	3.51	0.002
55	3.9	0.003
50	3.9	0.002
40	3.9	0.002
30	3.9	0.002
20	3.9	0.002
10	3.9	0.001
0	3.9	-0.002
-10	3.9	-0.002
-20	3.9	-0.003
-30	3.9	-0.003

LTE Band 17, CB: 5MHz		
Temperature (°C)	**Voltage (dc)**	**Frequency Drift (ppm)**
20	4.29	0.001
20	3.51	0.001
55	3.9	0.003
50	3.9	0.002
40	3.9	0.002
30	3.9	0.002
20	3.9	0.001
10	3.9	0.001
0	3.9	-0.001
-10	3.9	-0.002
-20	3.9	-0.002
-30	3.9	-0.002

LTE Band 17, CB: 10MHz		
Temperature (°C)	**Voltage (dc)**	**Frequency Drift (ppm)**
20	4.29	0.002
20	3.51	0.002
55	3.9	0.003
50	3.9	0.003
40	3.9	0.003
30	3.9	0.002
20	3.9	0.002
10	3.9	0.001
0	3.9	-0.002
-10	3.9	-0.002
-20	3.9	-0.003
-30	3.9	-0.003

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website http://www.icertifi.com.tw.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.	No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C..

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666
Fax: 886-3-318-0155
Email: ICC_Service@icertifi.com.tw

==END==