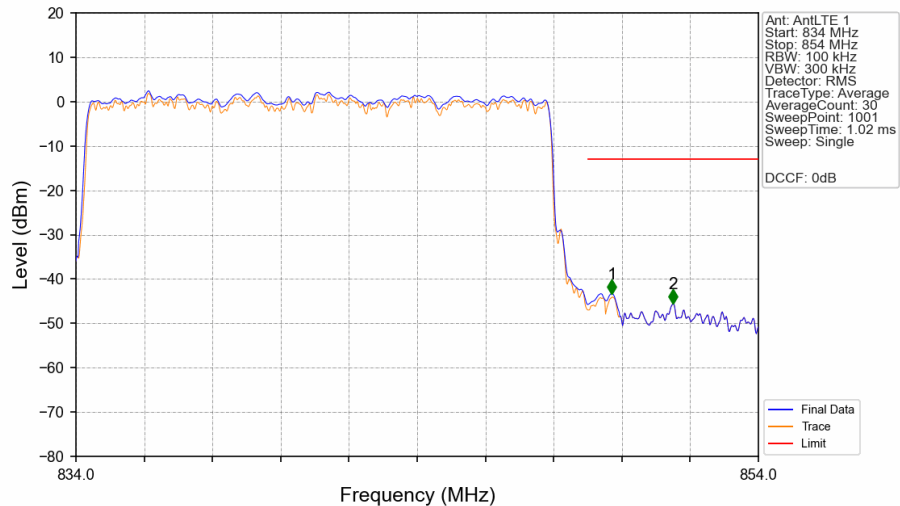


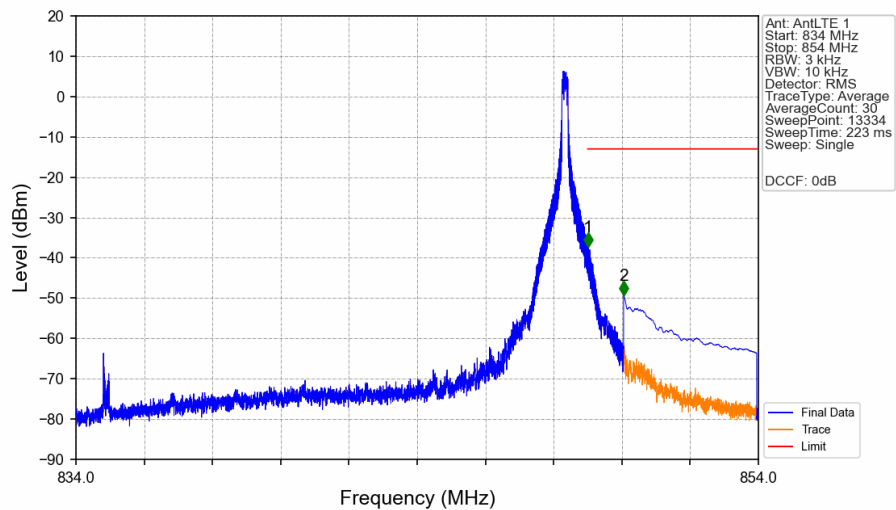


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



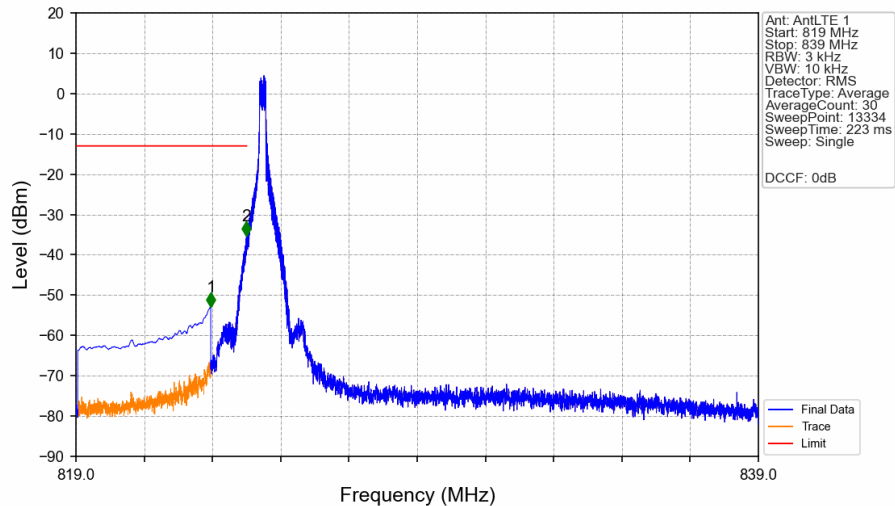
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Left NR: Inner_1RB_Right AntLTE 1



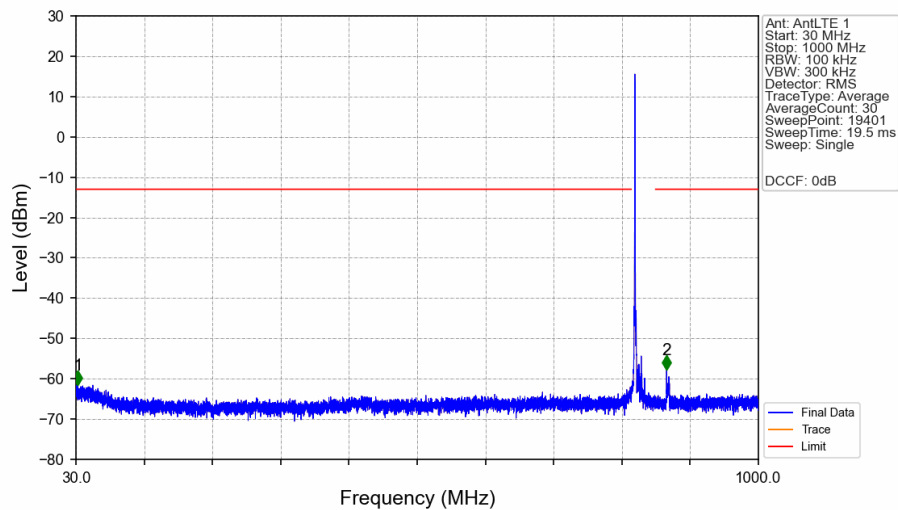


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:831.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



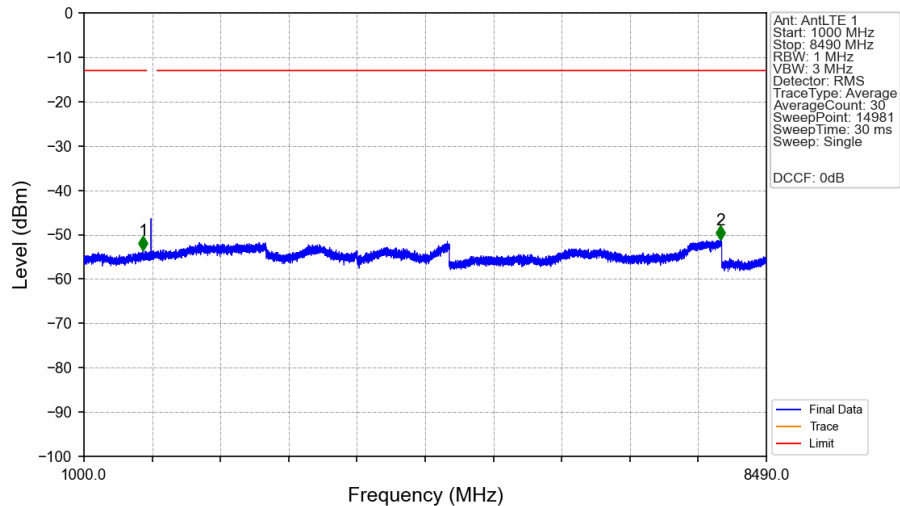
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:831.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





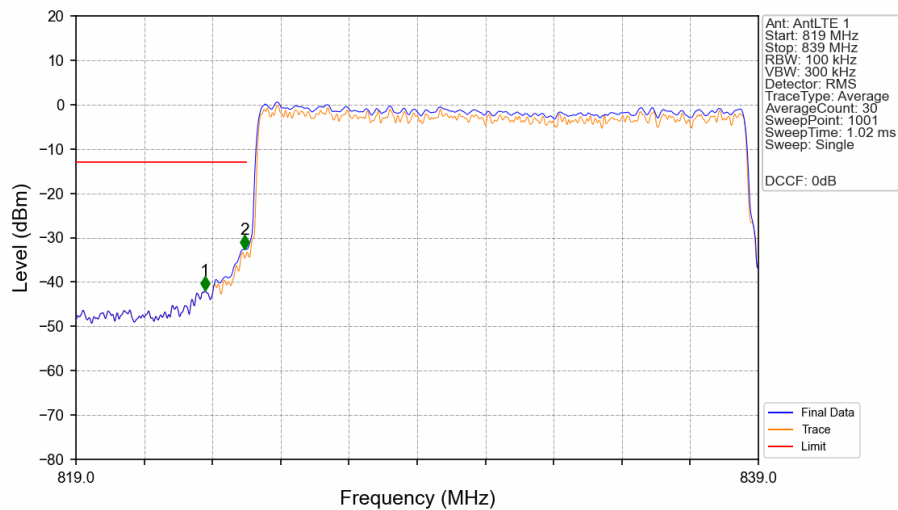
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:831.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1648.500	-53.50	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7987.000	-51.20	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:831.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

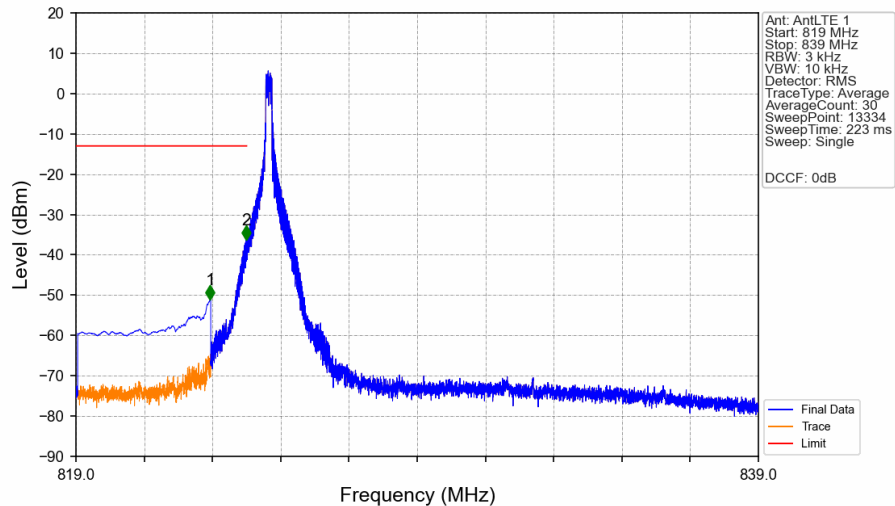


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.780	-41.90	-13	Pass
823	824	0.15295	CHP	2	823.940	-32.54	-13	Pass
824	839	0.15295	CHP	/	/	/	/	/



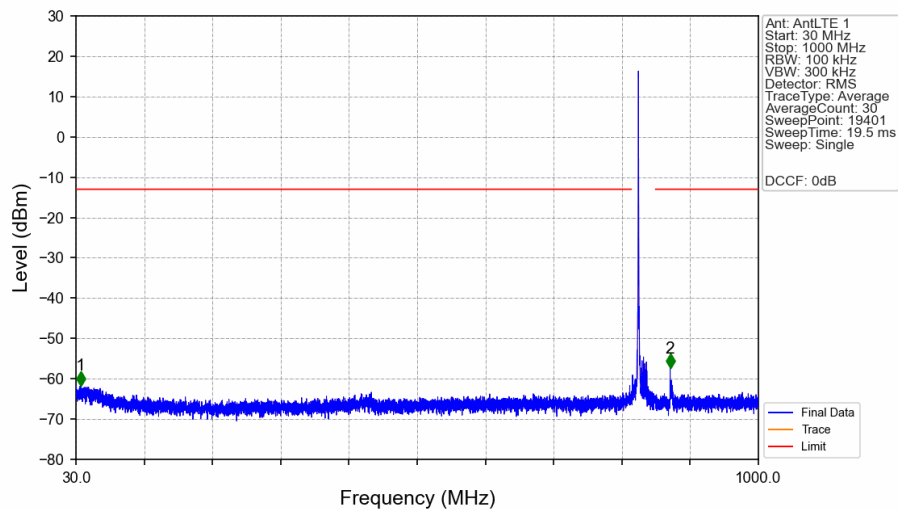
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:831.5MHz_LTE: 1RB_Left NR: Inner_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.927	-51.03	-13	Pass
823	824	0.003	/	2	823.998	-36.18	-13	Pass
824	839	0.003	/	/	/	/	/	/

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

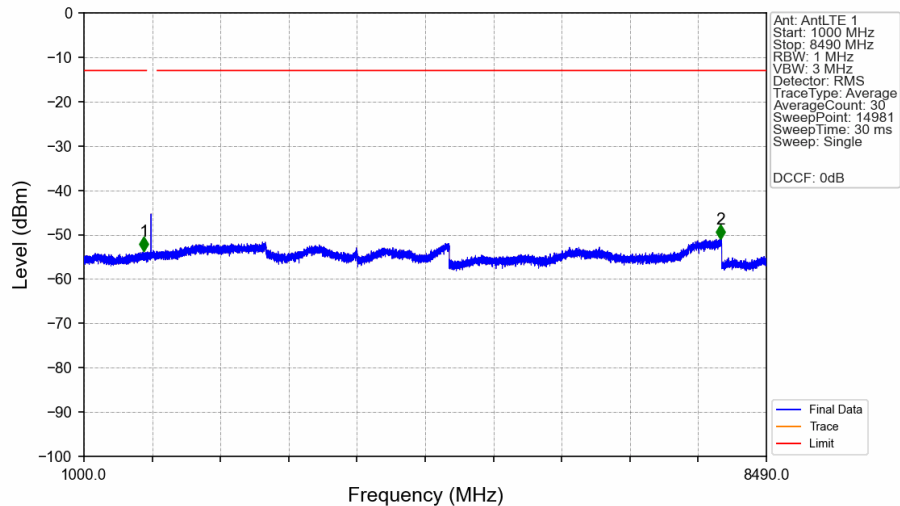


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	36.850	-61.61	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	874.500	-57.27	-13	Pass



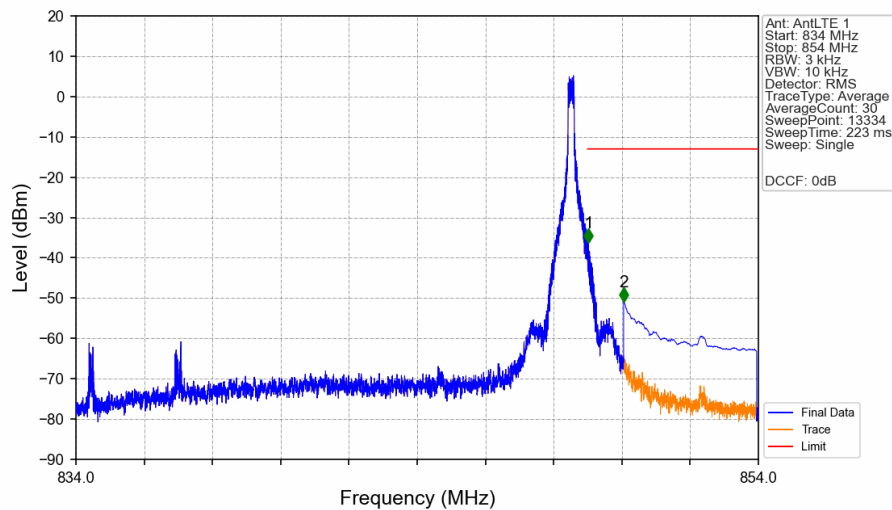
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1659.000	-53.76	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7988.000	-50.98	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Right NR: Edge_1RB_Right_AntLTE 1

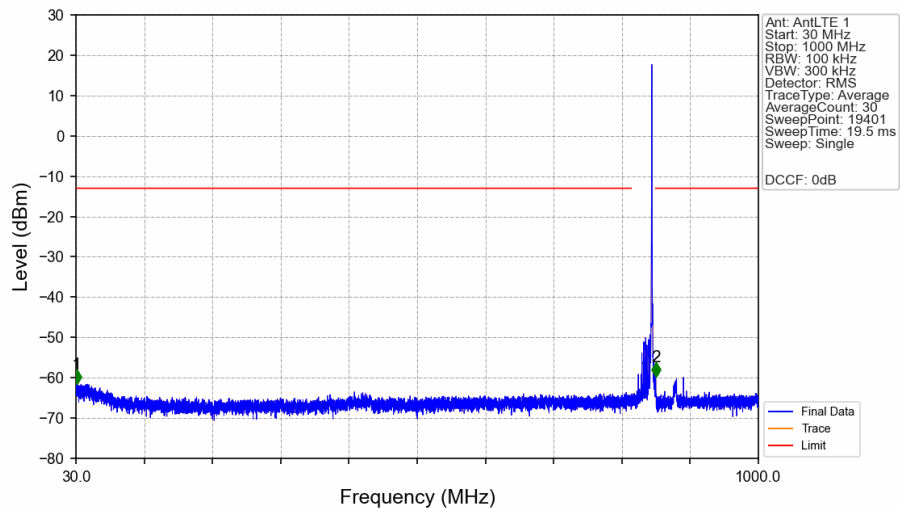


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.021	-36.32	-13	Pass
850	854	0.1	CHP	2	850.050	-50.85	-13	Pass



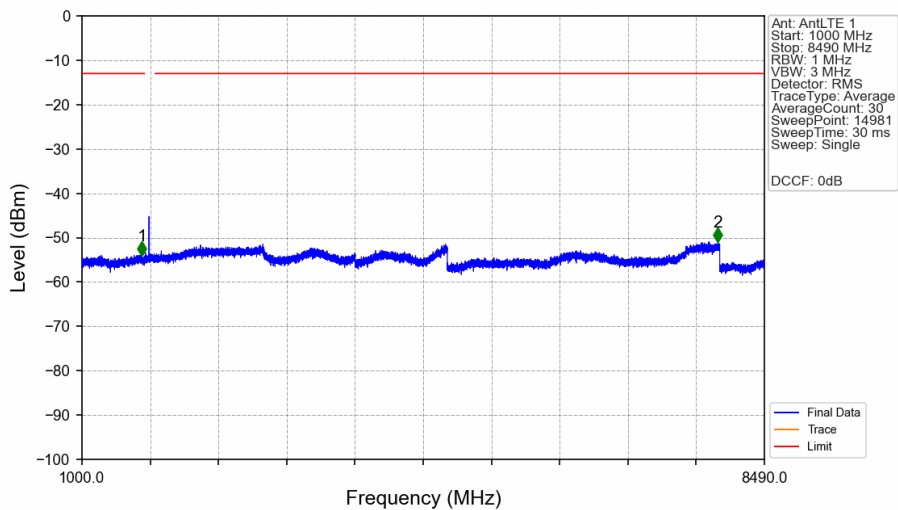
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	31.100	-61.46	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	854.050	-59.65	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

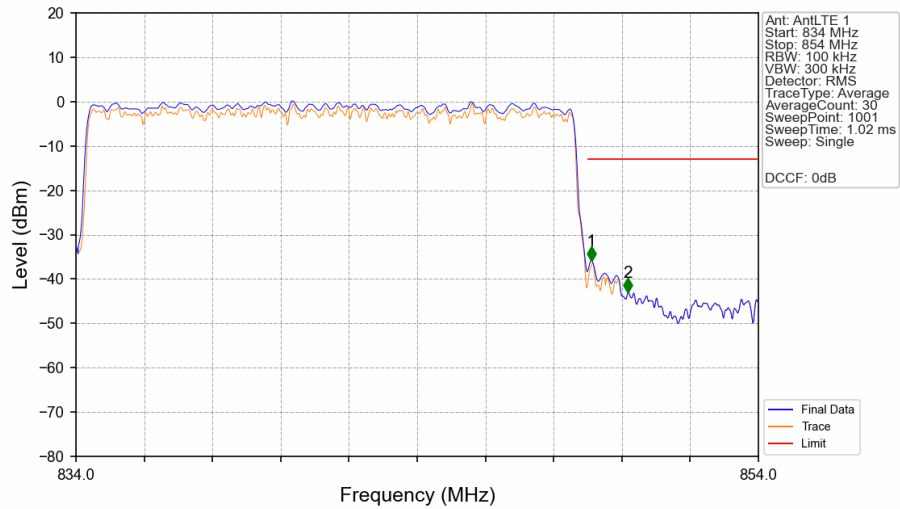


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1658.000	-53.96	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7980.000	-50.94	-13	Pass

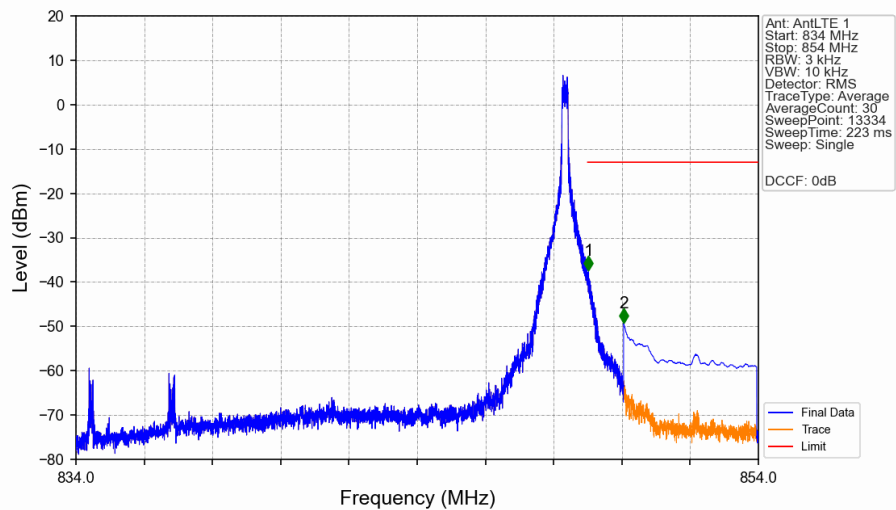


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:15MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:841.5MHz_LTE: 1RB_Left NR: Inner_1RB_Right AntLTE 1

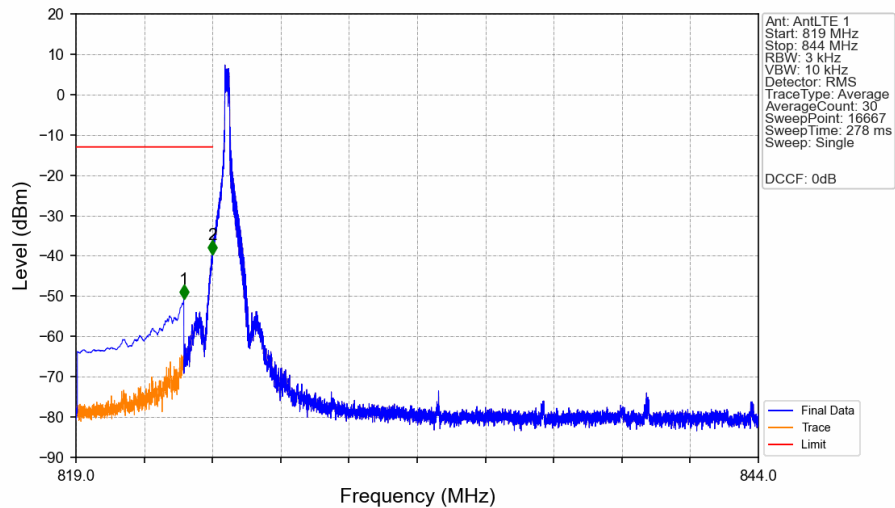




Test Report No.: RF260330B005

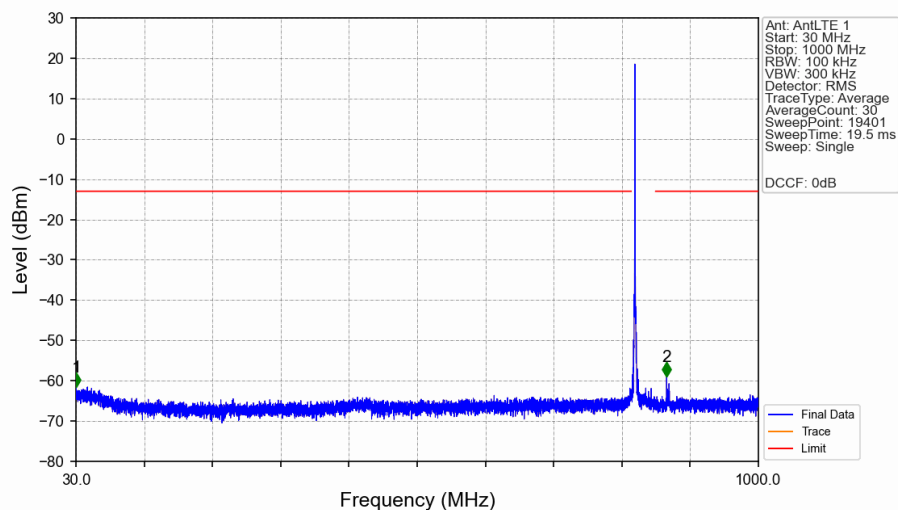
4.2.4 15_S_20M_NTNV

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-50.71	-13	Pass
823	824	0.003	/	2	823.995	-39.73	-13	Pass
824	844	0.003	/	/	/	/	/	/

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

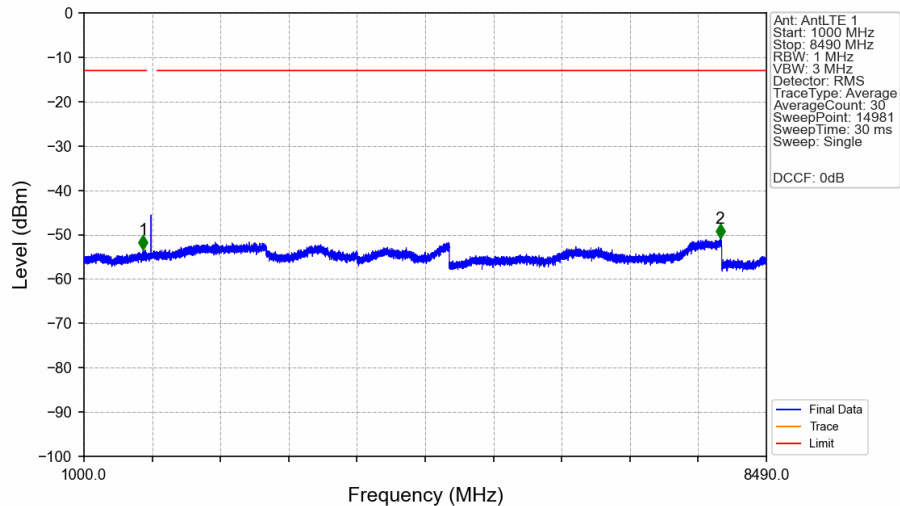


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	30.300	-61.43	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	869.550	-58.83	-13	Pass



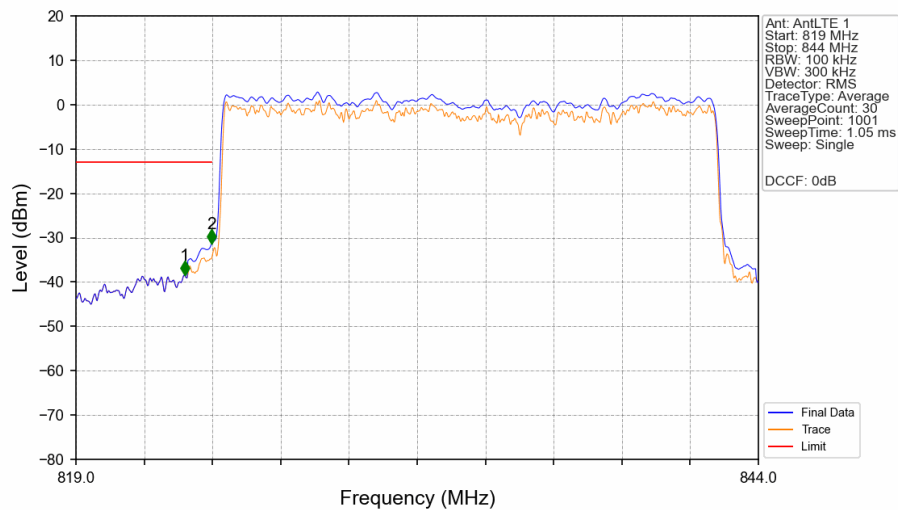
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-53.26	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7981.500	-50.69	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

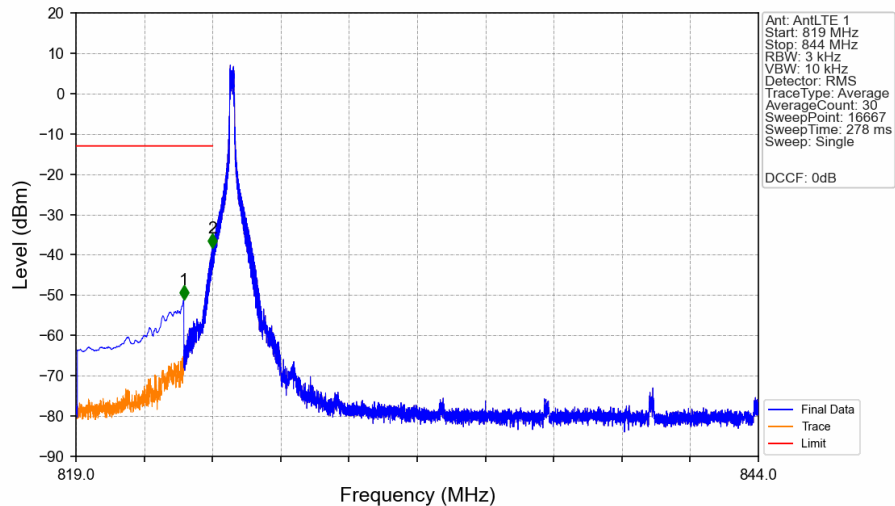


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.975	-38.46	-13	Pass
823	824	0.19351	CHP	2	823.975	-31.26	-13	Pass
824	844	0.19351	CHP	/	/	/	/	/

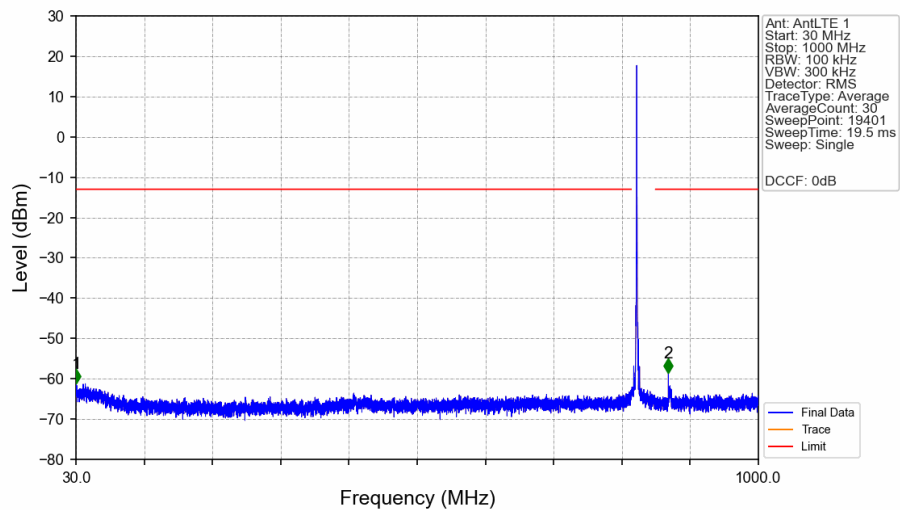


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Inner_1RB_Left_AntLTE 1



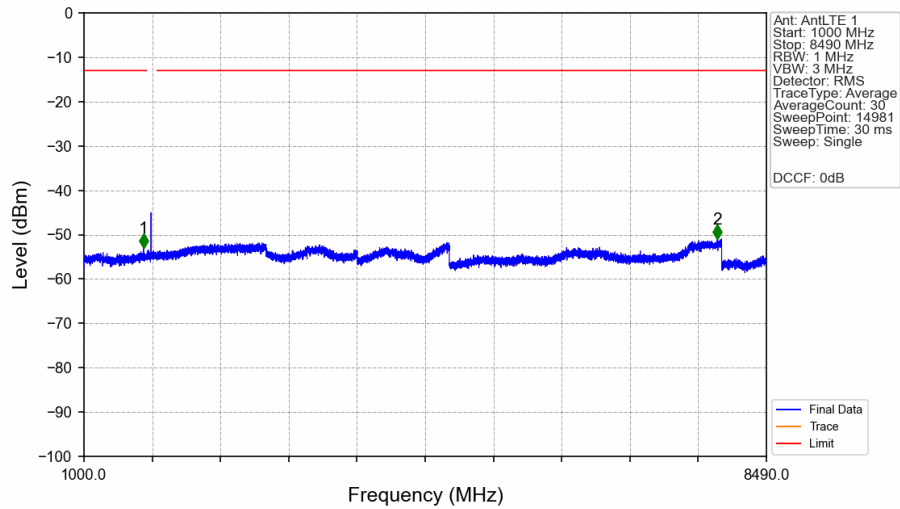
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





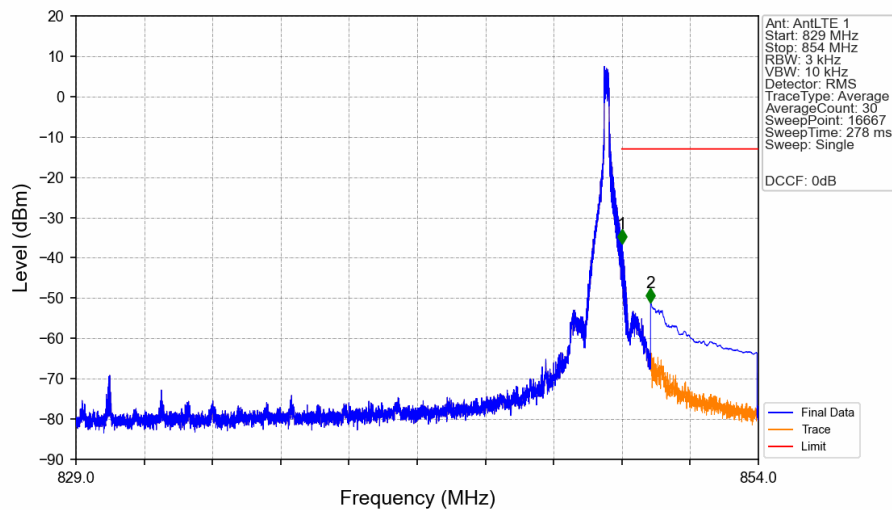
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.000	-52.90	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7948.500	-50.89	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

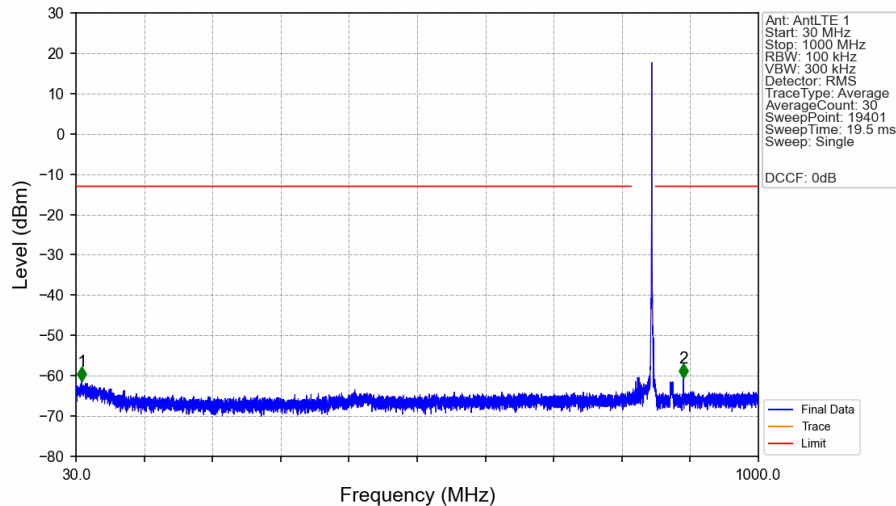


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-36.49	-13	Pass
850	854	0.1	CHP	2	850.050	-51.10	-13	Pass



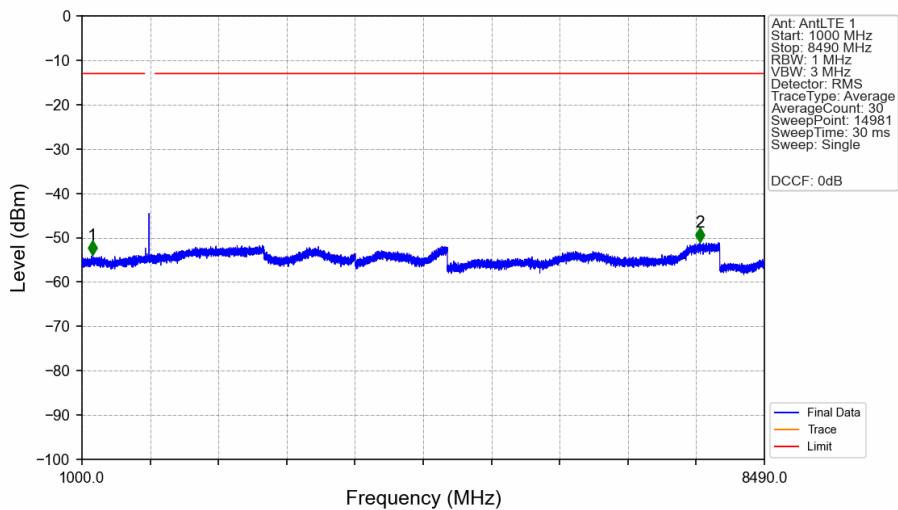
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge 1RB_Right_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	38.200	-61.31	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.450	-60.53	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge 1RB_Right_AntLTE 1

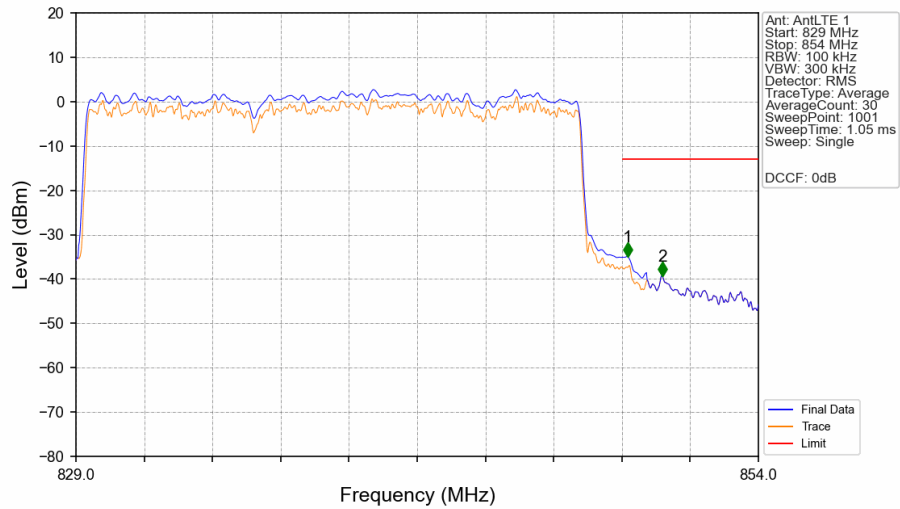


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1111.500	-53.94	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7786.000	-51.02	-13	Pass

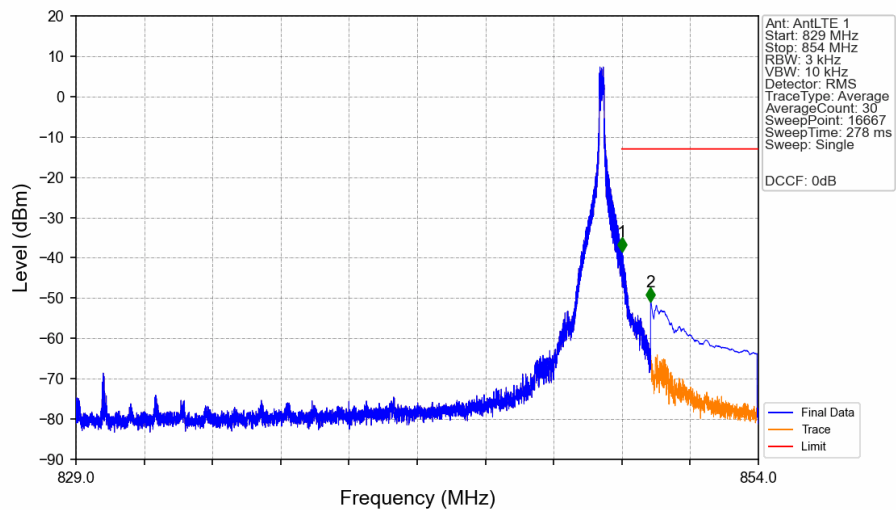


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



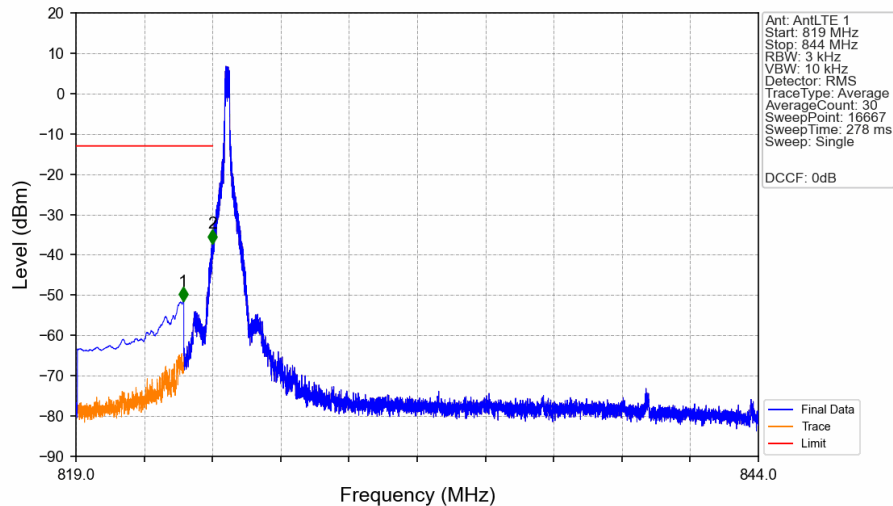
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Inner 1RB_Right AntLTE 1



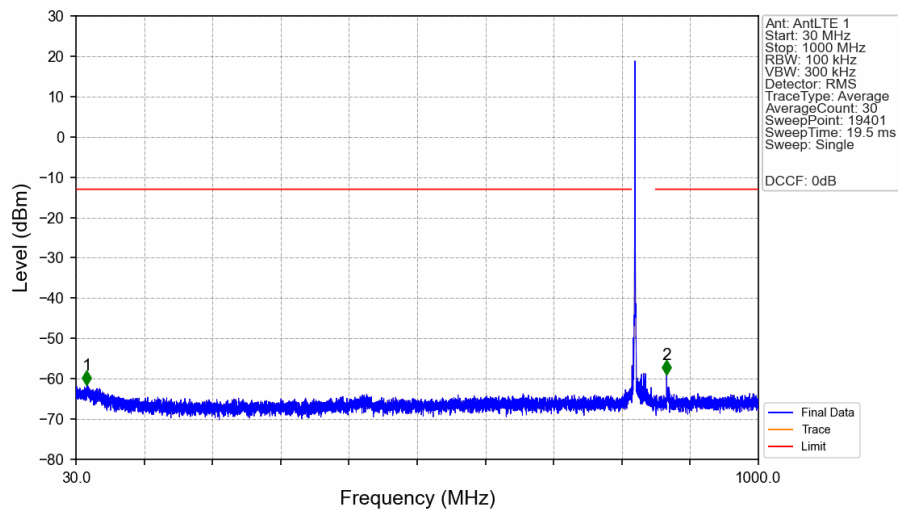


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



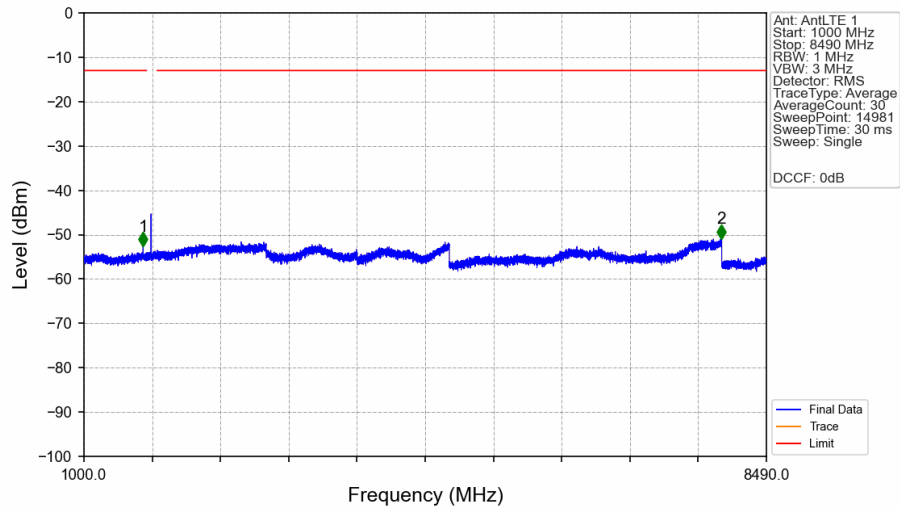
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





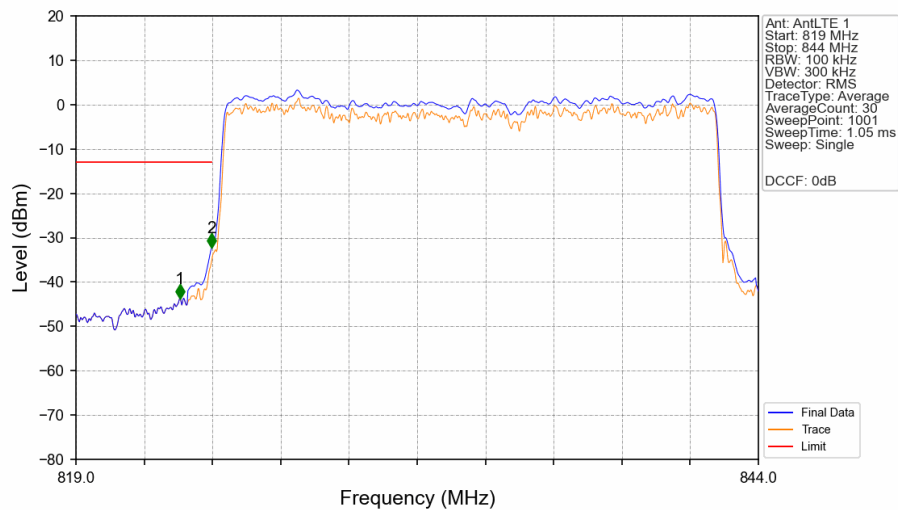
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-52.55	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7992.000	-50.86	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

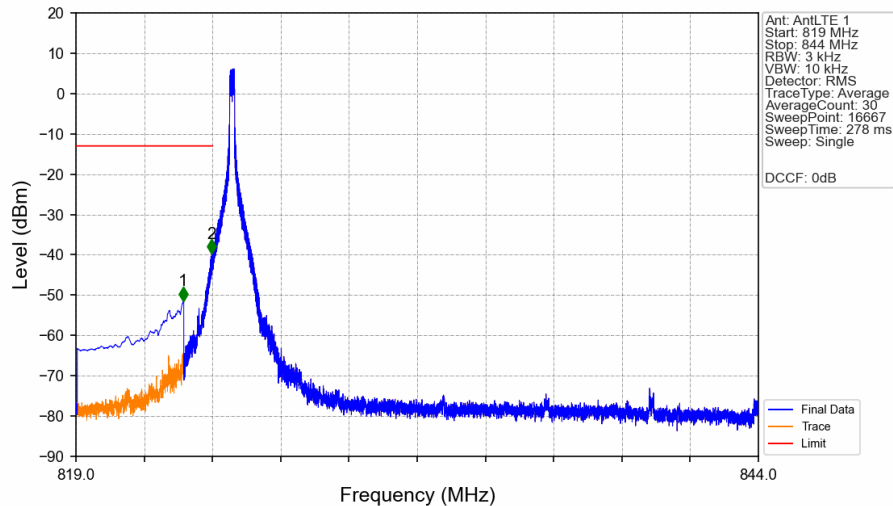


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.800	-43.64	-13	Pass
823	824	0.19348	CHP	2	823.975	-32.17	-13	Pass
824	844	0.19348	CHP	/	/	/	/	/

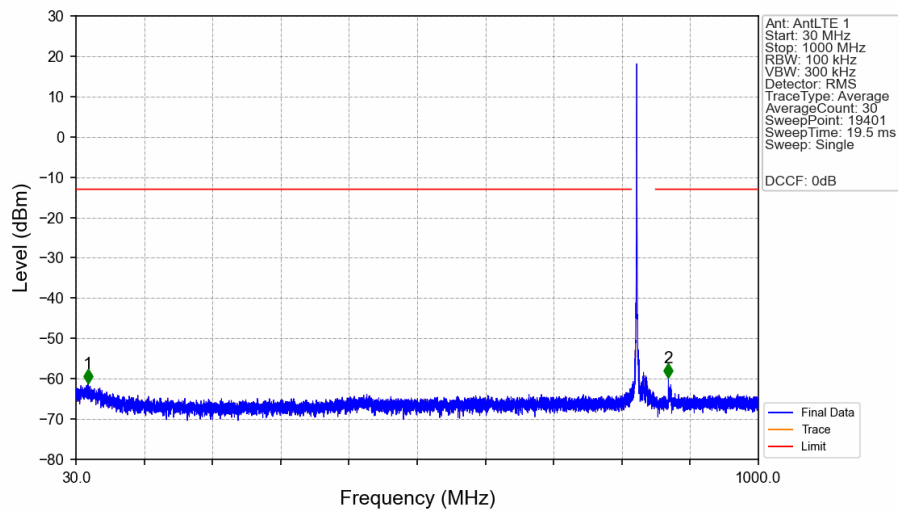


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Inner_1RB_Left_AntLTE 1



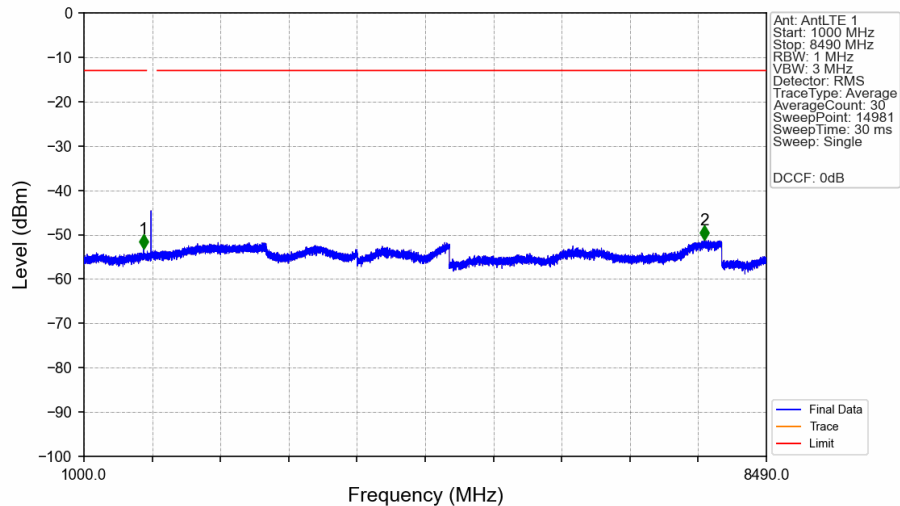
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





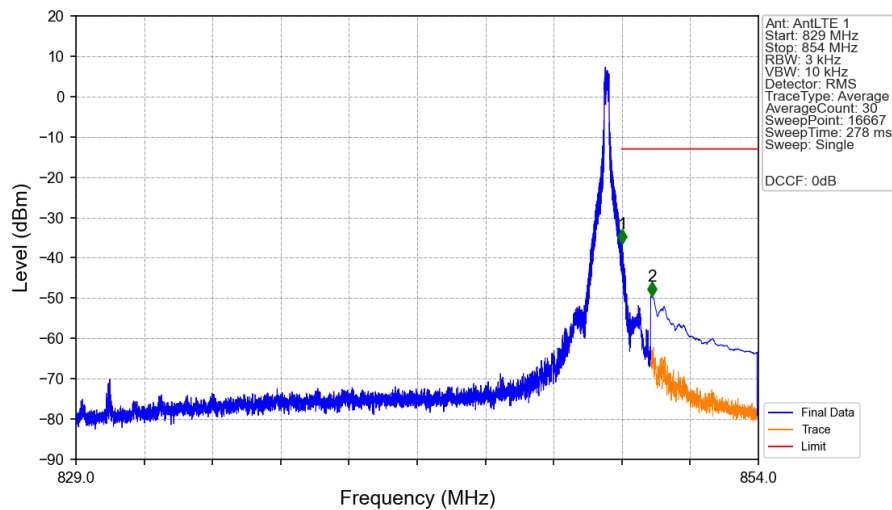
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1654.000	-53.07	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7811.000	-51.15	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

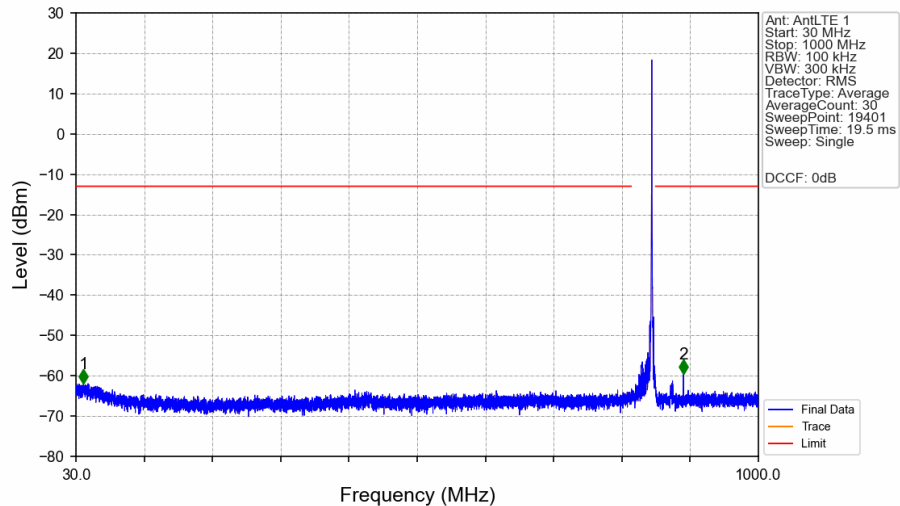


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-36.45	-13	Pass
850	854	0.1	CHP	2	850.107	-49.42	-13	Pass



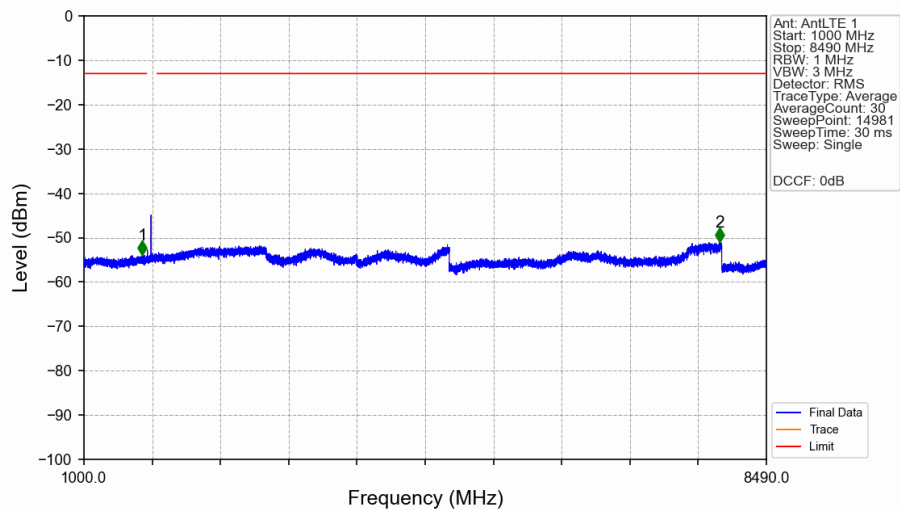
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	40.600	-61.88	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.450	-59.56	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

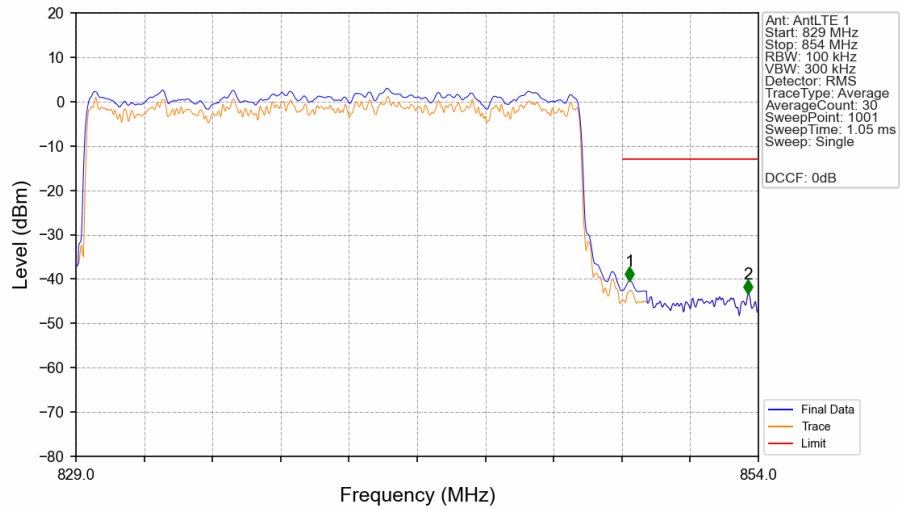


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1640.500	-53.87	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7980.000	-50.93	-13	Pass

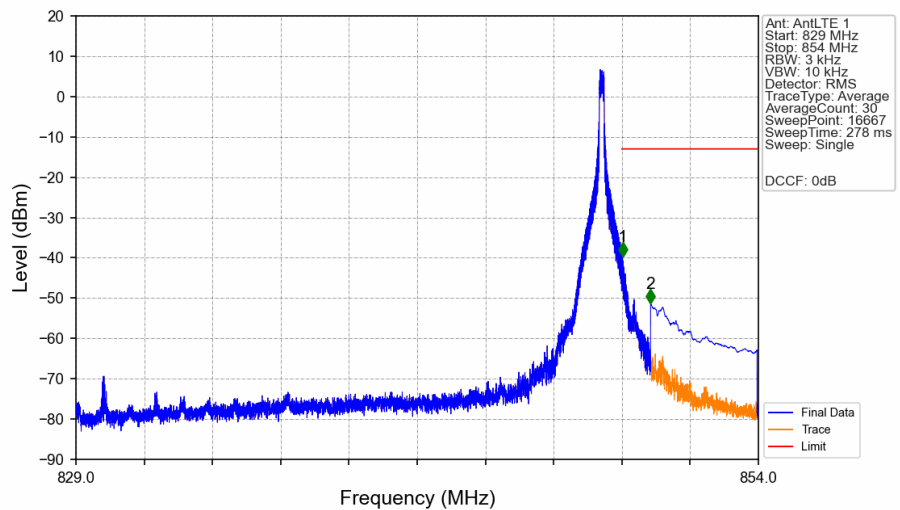


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



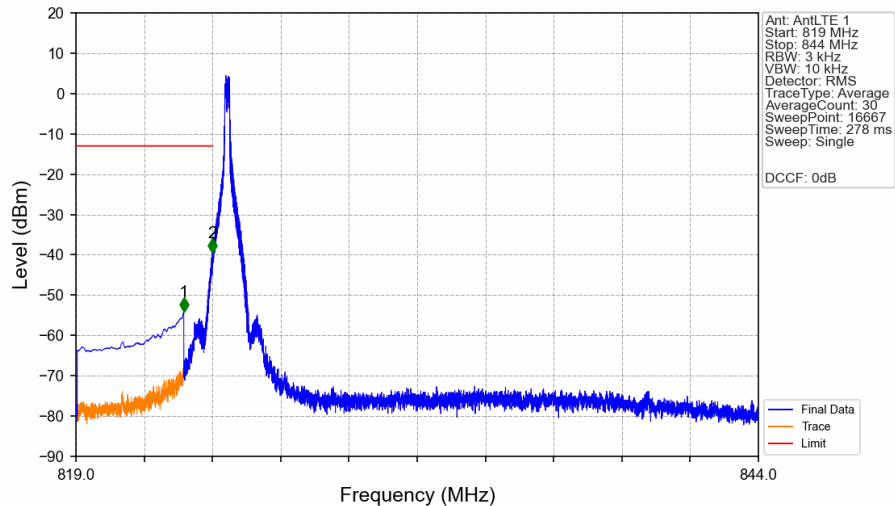
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Inner 1RB_Right_AntLTE 1



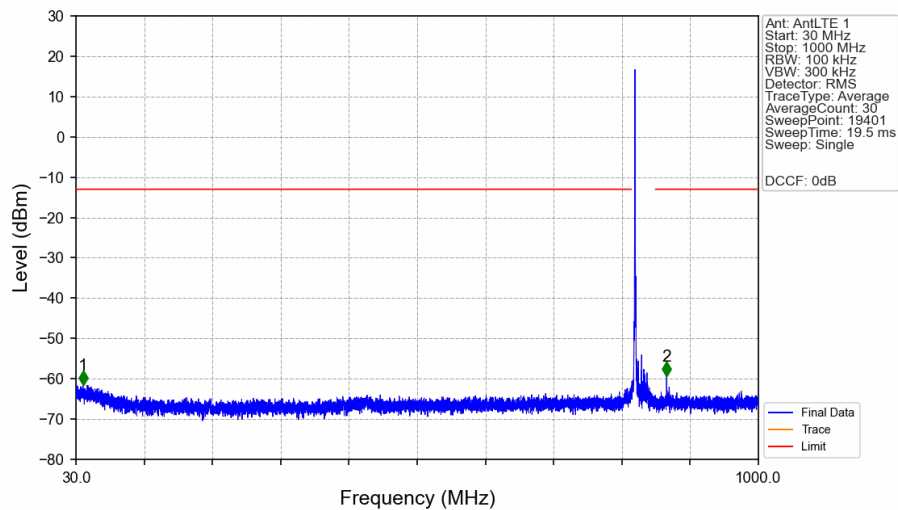


Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



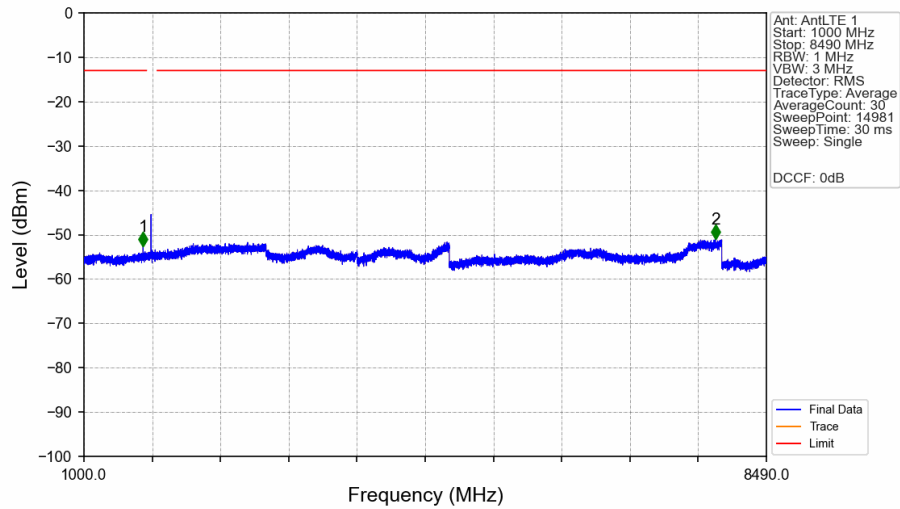
DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





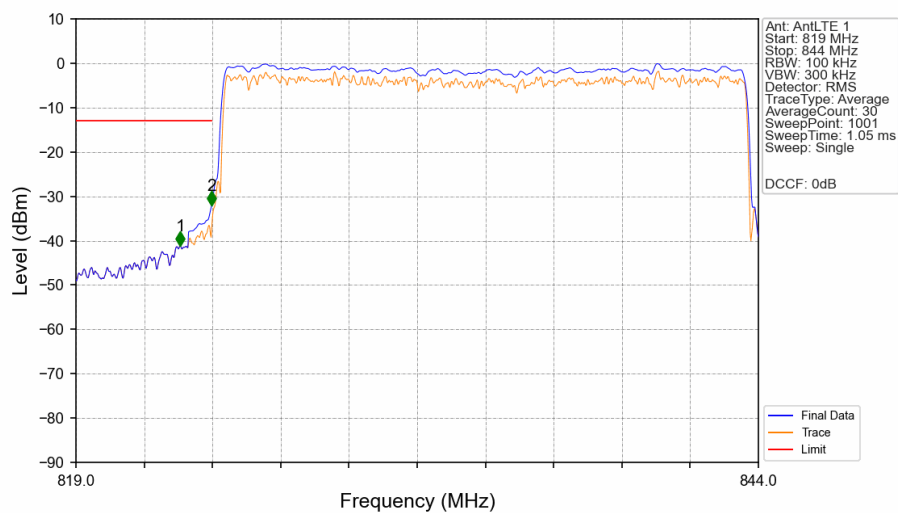
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1649.000	-52.56	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7930.000	-51.01	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

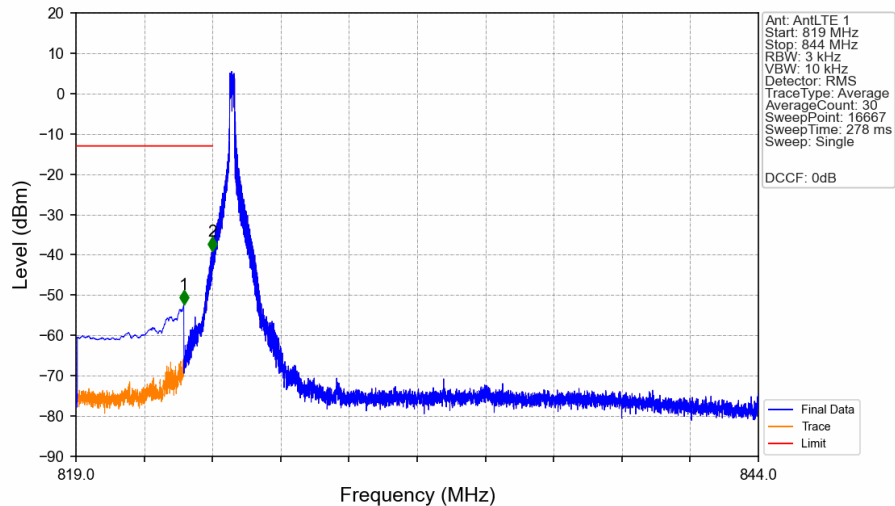


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	/	1	822.825	-41.10	-13	Pass
823	824	0.20247	CHP	2	823.975	-32.01	-13	Pass
824	844	0.20247	CHP	/	/	/	/	/



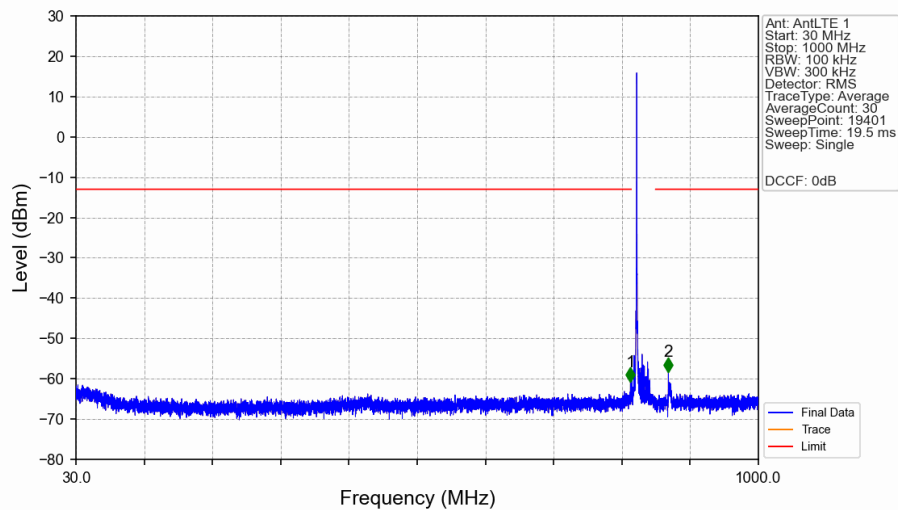
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:834MHz_LTE: 1RB_Left NR: Inner_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-52.26	-13	Pass
823	824	0.003	/	2	823.998	-39.13	-13	Pass
824	844	0.003	/	/	/	/	/	/

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

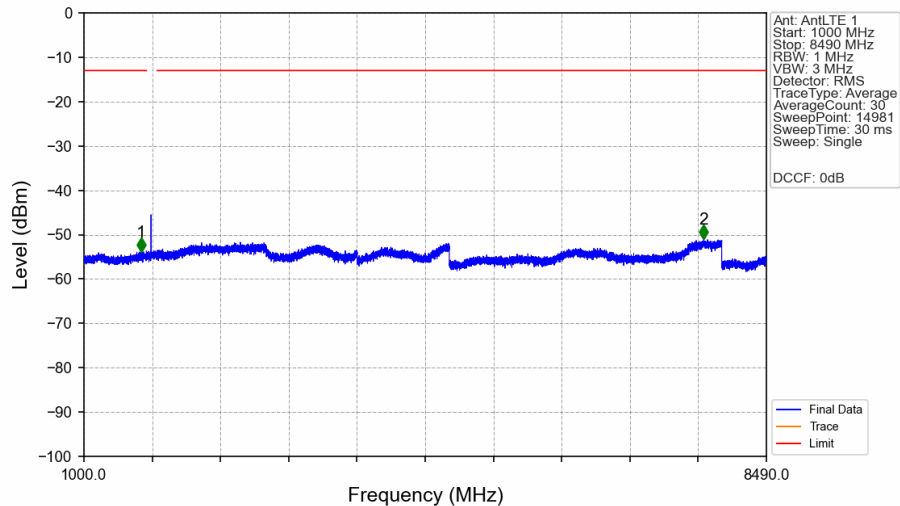


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	818.200	-60.73	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	872.050	-58.20	-13	Pass



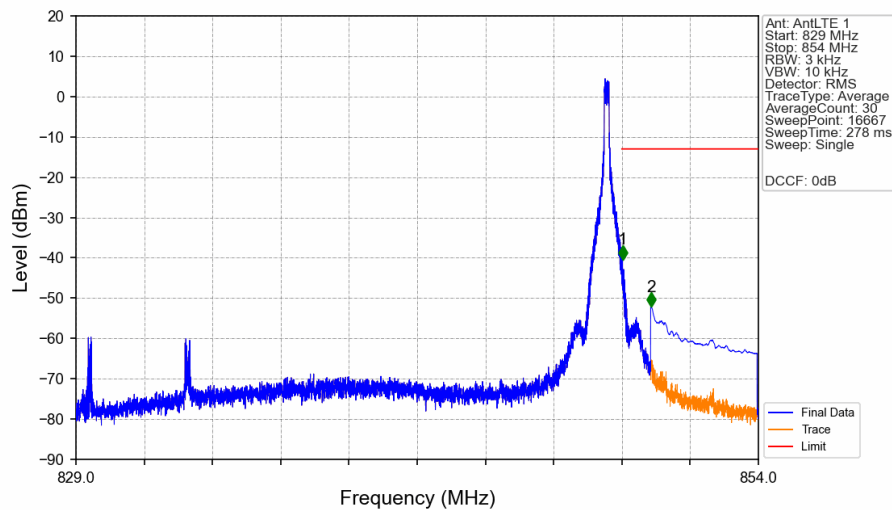
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:836.5MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1626.500	-53.83	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7802.500	-51.01	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

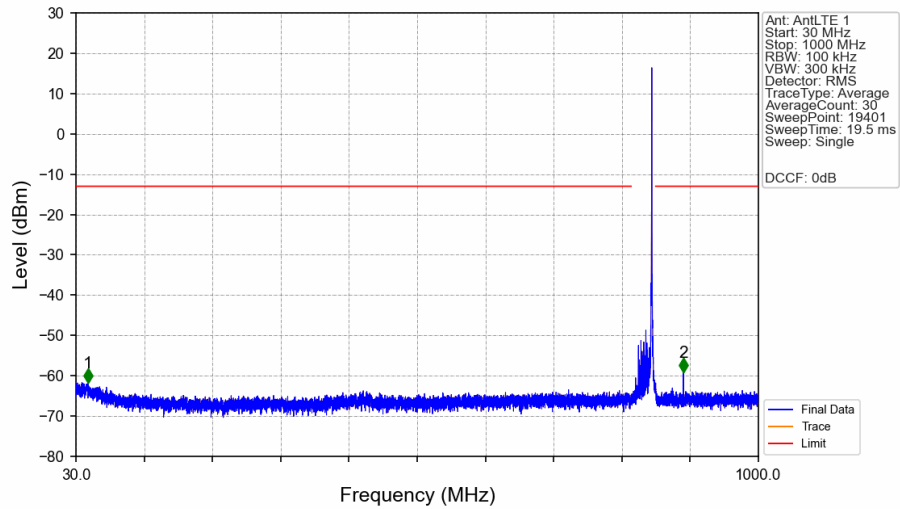


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.021	-40.35	-13	Pass
850	854	0.1	CHP	2	850.064	-52.09	-13	Pass



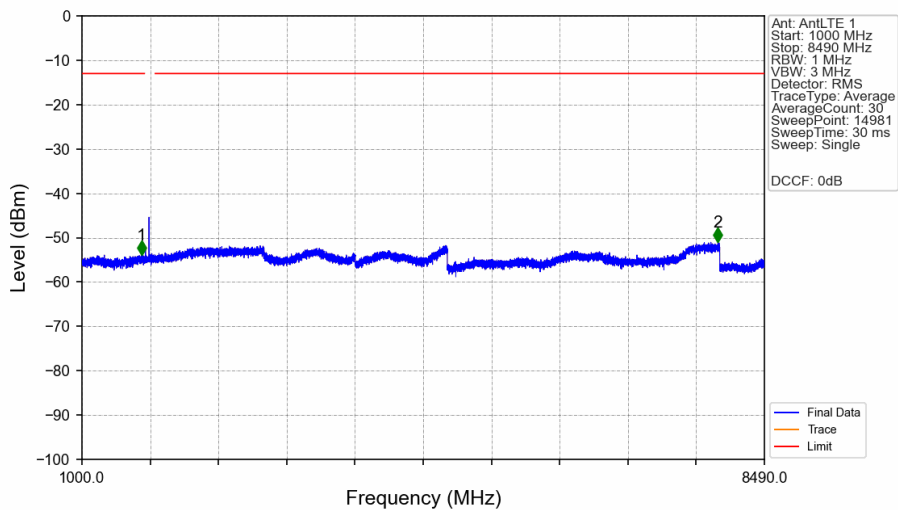
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	823	0.1	/	1	46.750	-61.66	-13	Pass
823	854	0.1	/	/	/	/	/	/
854	1000	0.1	/	2	893.450	-59.09	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

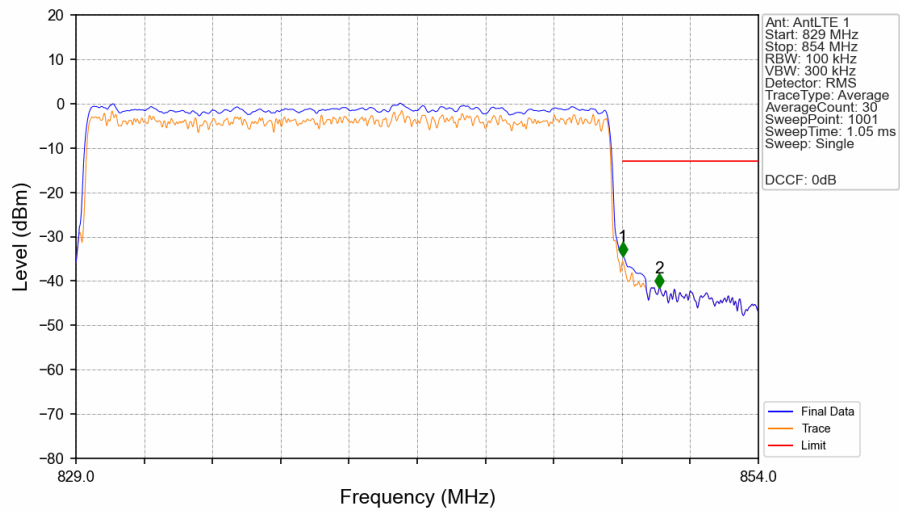


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	8490	1	/	1	1653.500	-53.92	-13	Pass
8490	1805	1	/	/	/	/	/	/
1805	8490	1	/	2	7980.000	-51.03	-13	Pass



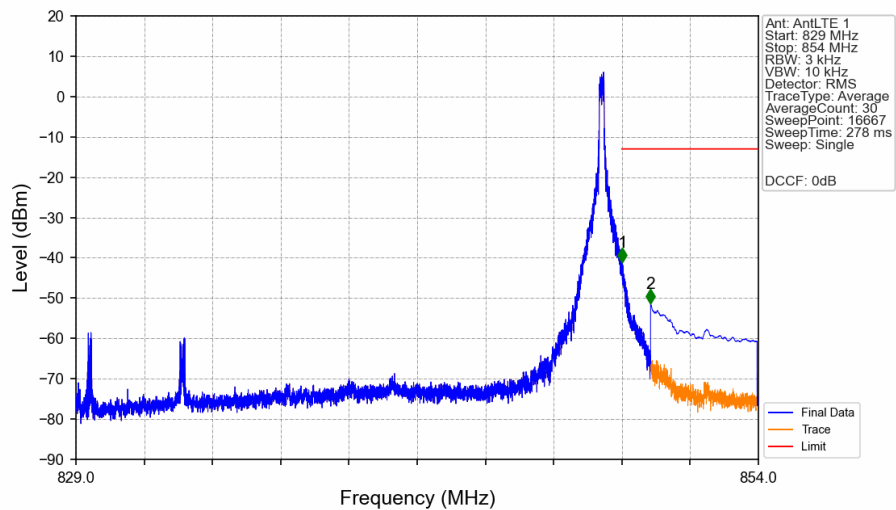
Test Report No.: RF260330B005

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.20353	CHP	/	/	/	/	/
849	850	0.20353	CHP	1	849.025	-34.35	-13	Pass
850	854	0.1	/	2	850.375	-41.45	-13	Pass

DC_66A_n5A_15kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:839MHz_LTE: 1RB_Left NR: Inner 1RB_Right_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
829	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.008	-41.08	-13	Pass
850	854	0.1	CHP	2	850.050	-51.29	-13	Pass



Test Report No.: RF260330B005

DC_66A_n41A

1. Frequency Stability

1.1 TEST RESULT

1.1.1 30_S_10M

5G NR DC_66A_n41A SCS=30kHz SISO 10MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-10.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-10.60	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-10.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-9.60	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-12.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-13.00	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-11.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
					HV	-4.00	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-9.40	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-8.70	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-10.10	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass



Test Report No.: RF260330B005

				30	NV	-6.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-11.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
					HV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-15.50	-0.0060	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-9.70	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				10	NV	6.20	0.0024	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-11.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-11.30	-0.0044	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
					HV	-11.50	-0.0044	≥ -2.5 & ≤ 2.5	Pass

				-30	NV	-10.60	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-7.70	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-9.60	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-7.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-6.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-10.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
					HV	-8.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-10.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-7.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				10	NV	1.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-5.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
					HV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	2.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-8.10	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass



Test Report No.: RF260330B005

				20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				30	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
				40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
				50	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
					HV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				-30	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
				-20	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
				-10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
				0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
				10	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				40	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				50	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-7.30	-0.0028	>=-2.5 & <=2.5						Pass
-30	NV	-7.80	-0.0030					>=-2.5 & <=2.5	Pass
-20	NV	-8.50	-0.0033					>=-2.5 & <=2.5	Pass
-10	NV	-4.50	-0.0017					>=-2.5 & <=2.5	Pass
0	NV	-4.90	-0.0019					>=-2.5 & <=2.5	Pass
10	NV	-6.90	-0.0027					>=-2.5 & <=2.5	Pass
20	NV	-5.90	-0.0023					>=-2.5 & <=2.5	Pass
30	NV	-7.70	-0.0030					>=-2.5 & <=2.5	Pass
40	NV	-9.40	-0.0036					>=-2.5 & <=2.5	Pass
50	NV	-8.10	-0.0031					>=-2.5 & <=2.5	Pass



Test Report No.: RF260330B005

1.1.2 30_S_20M

5G NR DC_66A_n41A SCS=30kHz SISO 20MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-18.60	-0.0072	>=-2.5 & <=2.5	Pass
					HV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				-30	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
				-20	NV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
				-10	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
				0	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
				10	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				20	NV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
				30	NV	-19.20	-0.0074	>=-2.5 & <=2.5	Pass
				40	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				50	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-18.20	-0.0070	>=-2.5 & <=2.5	Pass
					HV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
				-30	NV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass
				-20	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				-10	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				0	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
				10	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
				20	NV	8.90	0.0034	>=-2.5 & <=2.5	Pass
				30	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
				40	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				50	NV	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR:	20	LV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
					HV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

			Outer_Full					≤ 2.5	
				-30	NV	-13.90	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-7.60	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-15.00	-0.0058	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-10.60	-0.0041	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
					HV	-10.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-16.20	-0.0062	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-11.30	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-16.30	-0.0063	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-20.70	-0.0080	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-12.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-9.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-11.00	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-9.70	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-11.00	-0.0042	≥ -2.5 & ≤ 2.5	Pass



Test Report No.: RF260330B005

								≤ -2.5	
				20	NV	-7.80	-0.0030	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-7.20	-0.0028	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-1.20	-0.0005	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-11.20	-0.0043	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.90	-0.0023	≥ -2.5 & ≤ -2.5	Pass
					HV	-19.20	-0.0074	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-9.40	-0.0036	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-11.60	-0.0045	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-5.90	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-7.20	-0.0028	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-5.90	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-12.50	-0.0048	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-10.50	-0.0040	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-10.00	-0.0039	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-9.80	-0.0038	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.10	-0.0027	≥ -2.5 & ≤ -2.5	Pass
					HV	-10.60	-0.0041	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-12.80	-0.0049	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-10.00	-0.0039	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-13.40	-0.0052	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-16.90	-0.0065	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-17.70	-0.0068	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-7.90	-0.0030	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-5.30	-0.0020	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-9.00	-0.0035	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-7.70	-0.0030	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK	/	CC1:1745	LTE:	20	LV	-12.70	-0.0049	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

NR: CP-OFDM 64 QAM		CC2:2592.99	1RB_Left NR: Outer_Full					<=2.5	
					HV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				-30	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
				-20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
				-10	NV	-13.60	-0.0052	>=-2.5 & <=2.5	Pass
				0	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
				10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
				20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
				30	NV	7.00	0.0027	>=-2.5 & <=2.5	Pass
				40	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass
					HV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
				-30	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
				-20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
				0	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				10	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
				20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				30	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				40	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				50	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass

1.1.3 30_S_30M

5G NR DC_66A_n41A SCS=30kHz SISO 30MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR:	20	LV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
					HV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

			Outer_Full					<=2.5	
				-30	NV	5.40	0.0021	>=-2.5 & <=2.5	Pass
				-20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				-10	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
				0	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				10	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
				20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
				30	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
				40	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
				50	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
					HV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
				-30	NV	8.10	0.0031	>=-2.5 & <=2.5	Pass
				-20	NV	-23.40	-0.0090	>=-2.5 & <=2.5	Pass
				-10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
				0	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
				10	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
				20	NV	-10.50	-0.0040	>=-2.5 & <=2.5	Pass
				30	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				40	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
					HV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				-30	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
				-20	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
				-10	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				0	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
				10	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass



Test Report No.: RF260330B005

								≤ -2.5	
				20	NV	-12.00	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-15.30	-0.0059	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-16.30	-0.0063	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.10	-0.0043	≥ -2.5 & ≤ -2.5	Pass
					HV	-8.90	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-7.50	-0.0029	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-10.40	-0.0040	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	8.10	0.0031	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-11.60	-0.0045	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-6.20	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-6.20	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-6.40	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-15.30	-0.0059	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.70	-0.0045	≥ -2.5 & ≤ -2.5	Pass
					HV	-4.10	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-6.10	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-17.40	-0.0067	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-4.60	-0.0018	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-7.40	-0.0029	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-4.20	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-6.20	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-2.30	-0.0009	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-10.20	-0.0039	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-4.00	-0.0015	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK	/	CC1:1745	LTE:	20	LV	-3.80	-0.0015	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

NR: CP-OFDM QPSK		CC2:2592.99	1RB_Left NR: Outer_Full					<=2.5	
					HV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
				-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				-20	NV	-21.00	-0.0081	>=-2.5 & <=2.5	Pass
				-10	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				0	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
				10	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
				20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				30	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				40	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.30	-0.0047	>=-2.5 & <=2.5	Pass
					HV	-12.90	-0.0050	>=-2.5 & <=2.5	Pass
				-30	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
				-20	NV	-16.60	-0.0064	>=-2.5 & <=2.5	Pass
				-10	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				0	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
				10	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
				20	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
				30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				40	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
					HV	10.30	0.0040	>=-2.5 & <=2.5	Pass
				-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				-20	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
				-10	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				0	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass



Test Report No.: RF260330B005

								<=2.5	
				10	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				20	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
				30	NV	-14.50	-0.0056	>=-2.5 & <=2.5	Pass
				40	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
				50	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-22.70	-0.0088	>=-2.5 & <=2.5	Pass
					HV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
				-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
				-20	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
				-10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
				0	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				10	NV	-12.30	-0.0047	>=-2.5 & <=2.5	Pass
				20	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
				30	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
				40	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
				50	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass

1.1.4 30_S_40M

5G NR DC_66A_n41A SCS=30kHz SISO 40MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass
					HV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass
				-30	NV	-19.60	-0.0076	>=-2.5 & <=2.5	Pass
				-20	NV	-19.40	-0.0075	>=-2.5 & <=2.5	Pass
				-10	NV	-18.90	-0.0073	>=-2.5 & <=2.5	Pass
				0	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				10	NV	5.70	0.0022	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								≤ -2.5	
				20	NV	-14.40	-0.0056	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-5.90	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-6.30	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-9.90	-0.0038	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	10.10	0.0039	≥ -2.5 & ≤ -2.5	Pass
					HV	-3.40	-0.0013	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-15.40	-0.0059	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-8.10	-0.0031	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-14.30	-0.0055	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-8.40	-0.0032	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-11.40	-0.0044	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-4.50	-0.0017	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-4.10	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-6.10	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-10.60	-0.0041	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.10	-0.0047	≥ -2.5 & ≤ -2.5	Pass
					HV	-8.70	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	3.50	0.0013	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-4.60	-0.0018	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-12.80	-0.0049	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-2.70	-0.0010	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-7.50	-0.0029	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-4.10	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-8.90	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-10.80	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK	/	CC1:1745	LTE:	20	LV	-15.60	-0.0060	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

NR: DFT-s-OFDM 64 QAM		CC2:2592.99	1RB_Left NR: Outer_Full					<=2.5	
					HV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				-30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				-20	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
				-10	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				0	NV	-13.60	-0.0052	>=-2.5 & <=2.5	Pass
				10	NV	-15.30	-0.0059	>=-2.5 & <=2.5	Pass
				20	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				30	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
				40	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
					HV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
				-30	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
				-20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
				-10	NV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				0	NV	-12.70	-0.0049	>=-2.5 & <=2.5	Pass
				10	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
				20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				30	NV	-16.30	-0.0063	>=-2.5 & <=2.5	Pass
				40	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
					HV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				-30	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
				-20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
				-10	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				0	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass



Test Report No.: RF260330B005

								≤ -2.5	
				10	NV	-7.30	-0.0028	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-4.90	-0.0019	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-11.80	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-6.30	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-3.50	-0.0013	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.00	-0.0027	≥ -2.5 & ≤ -2.5	Pass
					HV	-14.10	-0.0054	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-6.60	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	11.30	0.0044	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-12.20	-0.0047	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-4.20	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				10	NV	7.80	0.0030	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-7.70	-0.0030	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-11.30	-0.0044	≥ -2.5 & ≤ -2.5	Pass
				40	NV	8.00	0.0031	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-14.40	-0.0056	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-14.20	-0.0055	≥ -2.5 & ≤ -2.5	Pass
					HV	-16.90	-0.0065	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	1.70	0.0007	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-16.20	-0.0062	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-9.70	-0.0037	≥ -2.5 & ≤ -2.5	Pass
				0	NV	2.00	0.0008	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-21.00	-0.0081	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-6.30	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-9.90	-0.0038	≥ -2.5 & ≤ -2.5	Pass
				40	NV	4.00	0.0015	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-17.70	-0.0068	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

								<=2.5	
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
					HV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
				-30	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
				-20	NV	-19.00	-0.0073	>=-2.5 & <=2.5	Pass
				-10	NV	-11.90	-0.0046	>=-2.5 & <=2.5	Pass
				0	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				10	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
				20	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
				40	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
				50	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass

1.1.5 30_S_50M

5G NR DC_66A_n41A SCS=30kHz SISO 50MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
					HV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
				-30	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				-20	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
				-10	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
				0	NV	9.20	0.0035	>=-2.5 & <=2.5	Pass
				10	NV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
				20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				40	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
				50	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
LTE: QPSK	/	CC1:1745	LTE:	20	LV	-14.70	-0.0057	>=-2.5 &	Pass



Test Report No.: RF260330B005

NR: DFT-s-OFDM QPSK		CC2:2592.99	1RB_Left NR: Outer_Full					<=2.5	
					HV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
				-30	NV	-17.20	-0.0066	>=-2.5 & <=2.5	Pass
				-20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				-10	NV	-20.60	-0.0079	>=-2.5 & <=2.5	Pass
				0	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
				10	NV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
				20	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				30	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
				40	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
					HV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				-30	NV	-21.30	-0.0082	>=-2.5 & <=2.5	Pass
				-20	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				-10	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				0	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
				10	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
				20	NV	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
				30	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
				40	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
					HV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
				-30	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
				-20	NV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
				-10	NV	9.60	0.0037	>=-2.5 & <=2.5	Pass
				0	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=-2.5	
				10	NV	-16.80	-0.0065	>=-2.5 & <=-2.5	Pass
				20	NV	-15.30	-0.0059	>=-2.5 & <=-2.5	Pass
				30	NV	-9.30	-0.0036	>=-2.5 & <=-2.5	Pass
				40	NV	-15.50	-0.0060	>=-2.5 & <=-2.5	Pass
				50	NV	-19.50	-0.0075	>=-2.5 & <=-2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.80	-0.0038	>=-2.5 & <=-2.5	Pass
					HV	-13.60	-0.0052	>=-2.5 & <=-2.5	Pass
				-30	NV	-10.90	-0.0042	>=-2.5 & <=-2.5	Pass
				-20	NV	-16.90	-0.0065	>=-2.5 & <=-2.5	Pass
				-10	NV	-13.10	-0.0051	>=-2.5 & <=-2.5	Pass
				0	NV	-13.00	-0.0050	>=-2.5 & <=-2.5	Pass
				10	NV	-8.70	-0.0034	>=-2.5 & <=-2.5	Pass
				20	NV	-6.50	-0.0025	>=-2.5 & <=-2.5	Pass
				30	NV	-13.30	-0.0051	>=-2.5 & <=-2.5	Pass
				40	NV	-13.50	-0.0052	>=-2.5 & <=-2.5	Pass
				50	NV	-11.50	-0.0044	>=-2.5 & <=-2.5	Pass
				LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-17.80	-0.0069	>=-2.5 & <=-2.5						Pass
-30	NV	-5.40	-0.0021					>=-2.5 & <=-2.5	Pass
-20	NV	-8.00	-0.0031					>=-2.5 & <=-2.5	Pass
-10	NV	-9.30	-0.0036					>=-2.5 & <=-2.5	Pass
0	NV	-6.90	-0.0027					>=-2.5 & <=-2.5	Pass
10	NV	6.10	0.0024					>=-2.5 & <=-2.5	Pass
20	NV	1.30	0.0005					>=-2.5 & <=-2.5	Pass
30	NV	-5.40	-0.0021					>=-2.5 & <=-2.5	Pass
40	NV	-8.10	-0.0031					>=-2.5 & <=-2.5	Pass
50	NV	-17.30	-0.0067					>=-2.5 &	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
					HV	1.30	0.0005	>=-2.5 & <=2.5	Pass
				-30	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
				-20	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				-10	NV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
				0	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				10	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
				20	NV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
				30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
				40	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
				50	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
					HV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
				-30	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
				-20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				-10	NV	-15.50	-0.0060	>=-2.5 & <=2.5	Pass
				0	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				10	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				20	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
				30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				40	NV	7.20	0.0028	>=-2.5 & <=2.5	Pass
				50	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-17.80	-0.0069	>=-2.5 & <=2.5	Pass
					HV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				-20	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
				-10	NV	-13.80	-0.0053	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
				0	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
				10	NV	-20.00	-0.0077	>=-2.5 & <=2.5	Pass
				20	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				30	NV	-20.40	-0.0079	>=-2.5 & <=2.5	Pass
				40	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				50	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass

1.1.6 30_S_60M

5G NR DC_66A_n41A SCS=30kHz SISO 60MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
					HV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
				-30	NV	-14.70	-0.0057	>=-2.5 & <=2.5	Pass
				-20	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
				-10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
				0	NV	-19.80	-0.0076	>=-2.5 & <=2.5	Pass
				10	NV	-15.80	-0.0061	>=-2.5 & <=2.5	Pass
				20	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				30	NV	-18.10	-0.0070	>=-2.5 & <=2.5	Pass
				40	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
				50	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
					HV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				-30	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
				-10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
				0	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
				10	NV	5.50	0.0021	>=-2.5 & <=2.5	Pass
				20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				30	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
				40	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
				50	NV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
					HV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
				-30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
				-20	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
				-10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				0	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				10	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				20	NV	-22.60	-0.0087	>=-2.5 & <=2.5	Pass
				30	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				40	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
				50	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-12.20	-0.0047	>=-2.5 & <=2.5						Pass
-30	NV	-10.50	-0.0040					>=-2.5 & <=2.5	Pass
-20	NV	-4.00	-0.0015					>=-2.5 & <=2.5	Pass
-10	NV	-15.70	-0.0061					>=-2.5 & <=2.5	Pass
0	NV	-9.60	-0.0037					>=-2.5 & <=2.5	Pass
10	NV	-4.80	-0.0019					>=-2.5 & <=2.5	Pass
20	NV	-10.00	-0.0039					>=-2.5 & <=2.5	Pass
30	NV	-8.00	-0.0031					>=-2.5 & <=2.5	Pass
40	NV	-4.10	-0.0016					>=-2.5 & <=2.5	Pass
50	NV	-7.90	-0.0030					>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								≤ -2.5	
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-14.20	-0.0055	≥ -2.5 & ≤ -2.5	Pass
					HV	-17.40	-0.0067	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-19.90	-0.0077	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-6.60	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-13.80	-0.0053	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-8.40	-0.0032	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-11.90	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-10.10	-0.0039	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-9.20	-0.0035	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-18.90	-0.0073	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.80	-0.0019	≥ -2.5 & ≤ -2.5	Pass
					HV	-15.30	-0.0059	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-2.70	-0.0010	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-7.30	-0.0028	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-8.80	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-7.50	-0.0029	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-4.20	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				20	NV	4.10	0.0016	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-11.40	-0.0044	≥ -2.5 & ≤ -2.5	Pass
				40	NV	9.00	0.0035	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.20	-0.0016	≥ -2.5 & ≤ -2.5	Pass
					HV	-17.20	-0.0066	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-5.00	-0.0019	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-12.00	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-15.20	-0.0059	≥ -2.5 & ≤ -2.5	Pass



Test Report No.: RF260330B005

								≤ -2.5	
				0	NV	-11.00	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-3.40	-0.0013	≥ -2.5 & ≤ -2.5	Pass
				20	NV	3.00	0.0012	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-9.30	-0.0036	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-7.80	-0.0030	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-16.30	-0.0063	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.60	-0.0018	≥ -2.5 & ≤ -2.5	Pass
					HV	-6.50	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-8.70	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-6.40	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-10.80	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-7.10	-0.0027	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-2.90	-0.0011	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-10.80	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				30	NV	4.50	0.0017	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-10.60	-0.0041	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-6.80	-0.0026	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.10	-0.0051	≥ -2.5 & ≤ -2.5	Pass
					HV	-6.10	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-8.70	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-11.90	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	1.00	0.0004	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-1.60	-0.0006	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-12.20	-0.0047	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-5.70	-0.0022	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-18.30	-0.0071	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
				50	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass

1.1.7 30_S_70M

5G NR DC_66A_n41A SCS=30kHz SISO 70MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
					HV	-25.20	-0.0097	>=-2.5 & <=2.5	Pass
				-30	NV	-16.20	-0.0062	>=-2.5 & <=2.5	Pass
				-20	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
				-10	NV	5.20	0.0020	>=-2.5 & <=2.5	Pass
				0	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
				10	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
				20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				30	NV	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
				40	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				50	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
					HV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				-30	NV	-14.90	-0.0057	>=-2.5 & <=2.5	Pass
				-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
				-10	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
				0	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				10	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
				20	NV	-15.80	-0.0061	>=-2.5 & <=2.5	Pass
				30	NV	-17.20	-0.0066	>=-2.5 & <=2.5	Pass
				40	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				50	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
					HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				-30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				-20	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
				-10	NV	-20.60	-0.0079	>=-2.5 & <=2.5	Pass
				0	NV	-12.70	-0.0049	>=-2.5 & <=2.5	Pass
				10	NV	-16.50	-0.0064	>=-2.5 & <=2.5	Pass
				20	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
				30	NV	-20.70	-0.0080	>=-2.5 & <=2.5	Pass
				40	NV	-21.30	-0.0082	>=-2.5 & <=2.5	Pass
				50	NV	-18.00	-0.0069	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
					HV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
				-30	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				-20	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				-10	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
				0	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
				10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
				20	NV	-21.30	-0.0082	>=-2.5 & <=2.5	Pass
				30	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
				40	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
				50	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
					HV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
				-30	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				-20	NV	-20.70	-0.0080	>=-2.5 & <=2.5	Pass
				-10	NV	-18.30	-0.0071	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								≤ -2.5	
				0	NV	-11.10	-0.0043	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-15.70	-0.0061	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-10.30	-0.0040	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-5.70	-0.0022	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-5.30	-0.0020	≥ -2.5 & ≤ -2.5	Pass
				50	NV	3.60	0.0014	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
					HV	-6.10	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-15.60	-0.0060	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-6.30	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-5.60	-0.0022	≥ -2.5 & ≤ -2.5	Pass
				0	NV	1.40	0.0005	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-13.30	-0.0051	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-12.00	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-14.50	-0.0056	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-9.60	-0.0037	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-6.50	-0.0025	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-10.10	-0.0039	≥ -2.5 & ≤ -2.5	Pass
					HV	-15.40	-0.0059	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-4.50	-0.0017	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-8.20	-0.0032	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-15.70	-0.0061	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-18.50	-0.0071	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-6.00	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-18.10	-0.0070	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-6.70	-0.0026	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-8.20	-0.0032	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

								≤ -2.5	
				50	NV	-11.00	-0.0042	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.80	-0.0022	≥ -2.5 & ≤ -2.5	Pass
					HV	-6.60	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-6.70	-0.0026	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-6.00	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-9.80	-0.0038	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-5.80	-0.0022	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-11.80	-0.0046	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-10.60	-0.0041	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-10.80	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-10.40	-0.0040	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-6.30	-0.0024	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.00	-0.0046	≥ -2.5 & ≤ -2.5	Pass
					HV	-19.40	-0.0075	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-6.00	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-8.00	-0.0031	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-21.20	-0.0082	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-12.70	-0.0049	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-17.50	-0.0067	≥ -2.5 & ≤ -2.5	Pass
				20	NV	3.40	0.0013	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-15.30	-0.0059	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-12.20	-0.0047	≥ -2.5 & ≤ -2.5	Pass

1.1.8 30_S_80M

5G NR DC_66A_n41A SCS=30kHz SISO 80MHz CC1:66 CC2:n41								
Modulation	BW Combo	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

	Set					(Hz)	Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
					HV	-13.70	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-12.70	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				0	NV	9.90	0.0038	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-10.90	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				20	NV	14.70	0.0057	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-10.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-10.70	-0.0041	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
					HV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-15.20	-0.0059	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-20.00	-0.0077	≥ -2.5 & ≤ 2.5	Pass
				0	NV	5.10	0.0020	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-6.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-7.60	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-19.00	-0.0073	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-12.70	-0.0049	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass
					HV	-9.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-12.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-13.30	-0.0051	≥ -2.5 & ≤ 2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
				0	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
				20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
				30	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
				40	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
				50	NV	4.40	0.0017	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
					HV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
				-30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
				-20	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
				-10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				0	NV	-13.80	-0.0053	>=-2.5 & <=2.5	Pass
				10	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
				20	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
				30	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				40	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				50	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass
					HV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
				-30	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
				-20	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
				-10	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				0	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
				10	NV	10.60	0.0041	>=-2.5 & <=2.5	Pass
				20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
				30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				40	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								≤ -2.5	
				50	NV	-2.30	-0.0009	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	3.90	0.0015	≥ -2.5 & ≤ -2.5	Pass
					HV	-2.10	-0.0008	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-6.40	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-10.00	-0.0039	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-0.50	-0.0002	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-13.10	-0.0051	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-5.90	-0.0023	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-8.10	-0.0031	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-19.70	-0.0076	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-14.70	-0.0057	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-13.90	-0.0054	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.60	-0.0052	≥ -2.5 & ≤ -2.5	Pass
					HV	-7.90	-0.0030	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-4.90	-0.0019	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	4.20	0.0016	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-3.00	-0.0012	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-6.50	-0.0025	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-4.20	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-9.90	-0.0038	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-8.80	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-14.00	-0.0054	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-21.50	-0.0083	≥ -2.5 & ≤ -2.5	Pass
					HV	-12.30	-0.0047	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-10.30	-0.0040	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-11.80	-0.0046	≥ -2.5 & ≤ -2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

								<=2.5	
				-10	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
				0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
				10	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
				20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
				30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				40	NV	7.80	0.0030	>=-2.5 & <=2.5	Pass
				50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	6.20	0.0024	>=-2.5 & <=2.5	Pass
					HV	6.10	0.0024	>=-2.5 & <=2.5	Pass
				-30	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
				-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				-10	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
				0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
				20	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
				30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				40	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				50	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass

1.1.9 30_S_90M

5G NR DC_66A_n41A SCS=30kHz SISO 90MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
					HV	-17.40	-0.0067	>=-2.5 & <=2.5	Pass
				-30	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
				-20	NV	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
				-10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass



Test Report No.: RF260330B005

								<=2.5	
				0	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
				10	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
				20	NV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass
				30	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
				40	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				50	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
					HV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				-30	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
				-20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				-10	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
				0	NV	-19.00	-0.0073	>=-2.5 & <=2.5	Pass
				10	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
				20	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
				30	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				40	NV	-19.30	-0.0074	>=-2.5 & <=2.5	Pass
				50	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
					HV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
				-30	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				-20	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
				-10	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
				0	NV	-16.60	-0.0064	>=-2.5 & <=2.5	Pass
				10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				20	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
				30	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
				40	NV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

								<=2.5	
				50	NV	-11.90	-0.0046	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
					HV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
				-30	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
				-10	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
				0	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
				10	NV	-22.70	-0.0088	>=-2.5 & <=2.5	Pass
				20	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
				30	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
				40	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
				50	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
					HV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
				-30	NV	-12.90	-0.0050	>=-2.5 & <=2.5	Pass
				-20	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				-10	NV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
				0	NV	-16.60	-0.0064	>=-2.5 & <=2.5	Pass
				10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				20	NV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
				30	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				40	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				50	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
					HV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
				-30	NV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				-20	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass

								≤ -2.5	
				-10	NV	-2.80	-0.0011	≥ -2.5 & ≤ -2.5	Pass
				0	NV	1.70	0.0007	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-7.70	-0.0030	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-3.50	-0.0013	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-10.70	-0.0041	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-22.40	-0.0086	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-3.70	-0.0014	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.90	-0.0050	≥ -2.5 & ≤ -2.5	Pass
					HV	-1.50	-0.0006	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-11.40	-0.0044	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-15.90	-0.0061	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-6.20	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-8.30	-0.0032	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-8.80	-0.0034	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-15.30	-0.0059	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-10.80	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-13.10	-0.0051	≥ -2.5 & ≤ -2.5	Pass
				50	NV	3.90	0.0015	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.00	-0.0023	≥ -2.5 & ≤ -2.5	Pass
					HV	-6.10	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-3.00	-0.0012	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-2.90	-0.0011	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-14.20	-0.0055	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-10.10	-0.0039	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-3.70	-0.0014	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-6.20	-0.0024	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-4.50	-0.0017	≥ -2.5 & ≤ -2.5	Pass



Test Report No.: RF260330B005

LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full					<=2.5	
				40	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				50	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
				20	LV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
					HV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
				-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
				-20	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
				-10	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
				20	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
				30	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
				40	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
				50	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass

1.1.10 30_S_100M

5G NR DC_66A_n41A SCS=30kHz SISO 100MHz CC1:66 CC2:n41									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
					HV	3.60	0.0014	>=-2.5 & <=2.5	Pass
				-30	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
				-20	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
				-10	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				0	NV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				10	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				20	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
				30	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
				40	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

								<=2.5	
				50	NV	-14.90	-0.0057	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
					HV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
				-30	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
				-20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
				-10	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
				0	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
				10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
				20	NV	8.60	0.0033	>=-2.5 & <=2.5	Pass
				30	NV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
				40	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				50	NV	-18.90	-0.0073	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
					HV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
				-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
				-20	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
				-10	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
				0	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
				10	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				20	NV	-19.70	-0.0076	>=-2.5 & <=2.5	Pass
				30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
				40	NV	-14.20	-0.0055	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
					HV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				-30	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
				-20	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass

								≤ 2.5	
				-10	NV	-18.10	-0.0070	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-10.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-15.80	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-14.00	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-13.10	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-10.20	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-10.90	-0.0042	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	3.70	0.0014	≥ -2.5 & ≤ 2.5	Pass
					HV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-8.70	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-15.00	-0.0058	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-20.20	-0.0078	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-14.00	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				20	LV	-17.90	-0.0069	≥ -2.5 & ≤ 2.5	Pass
					HV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-15.00	-0.0058	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-4.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-7.60	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-19.40	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				30	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass



Test Report No.: RF260330B005

								≤ -2.5	
				40	NV	-7.40	-0.0029	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-8.00	-0.0031	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.30	-0.0036	≥ -2.5 & ≤ -2.5	Pass
					HV	-9.50	-0.0037	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-4.40	-0.0017	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-4.60	-0.0018	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-8.00	-0.0031	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-8.10	-0.0031	≥ -2.5 & ≤ -2.5	Pass
				10	NV	-13.70	-0.0053	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-9.50	-0.0037	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-2.80	-0.0011	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-2.80	-0.0011	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-11.20	-0.0043	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.10	-0.0035	≥ -2.5 & ≤ -2.5	Pass
					HV	-12.60	-0.0049	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-4.20	-0.0016	≥ -2.5 & ≤ -2.5	Pass
				-20	NV	-13.90	-0.0054	≥ -2.5 & ≤ -2.5	Pass
				-10	NV	-4.40	-0.0017	≥ -2.5 & ≤ -2.5	Pass
				0	NV	-16.50	-0.0064	≥ -2.5 & ≤ -2.5	Pass
				10	NV	3.50	0.0013	≥ -2.5 & ≤ -2.5	Pass
				20	NV	-21.20	-0.0082	≥ -2.5 & ≤ -2.5	Pass
				30	NV	-11.00	-0.0042	≥ -2.5 & ≤ -2.5	Pass
				40	NV	-14.10	-0.0054	≥ -2.5 & ≤ -2.5	Pass
				50	NV	-5.90	-0.0023	≥ -2.5 & ≤ -2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.10	-0.0024	≥ -2.5 & ≤ -2.5	Pass
					HV	-7.30	-0.0028	≥ -2.5 & ≤ -2.5	Pass
				-30	NV	-9.30	-0.0036	≥ -2.5 & ≤ -2.5	Pass

								<=2.5	
				-20	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
				-10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
				0	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
				10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
				20	NV	6.60	0.0025	>=-2.5 & <=2.5	Pass
				30	NV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
				40	NV	-18.20	-0.0070	>=-2.5 & <=2.5	Pass
				50	NV	-15.50	-0.0060	>=-2.5 & <=2.5	Pass

2. 99% & 26dB Bandwidth

2.1 TEST RESULT

2.1.1 30_S_10M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 10MHz NTN CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.72	9.44	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.67	9.51	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.64	9.84	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.72	9.44	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.67	9.49	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.74	9.27	/	Pass



Test Report No.: RF260330B005

LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.76	9.37	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.78	10.24	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.64	10.05	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.68	9.26	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.66	9.58	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.69	9.66	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.74	9.32	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.68	9.51	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.65	9.20	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.73	9.09	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.77	9.27	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.74	9.14	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.68	9.27	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left	8.75	9.21	/	Pass

			NR: Outer_Full				
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.77	9.27	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.72	9.68	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.72	9.32	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.74	9.24	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2501.01	LTE: 1RB_Left NR: Outer_Full	8.82	9.38	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	8.83	9.29	/	Pass
		CC1:1745 CC2:2685	LTE: 1RB_Left NR: Outer_Full	8.81	10.03	/	Pass

2.1.2 30_S_20M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 20MHz NTN							
CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.01	19.82	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.06	19.45	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.03	19.68	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.04	19.82	/	Pass



Test Report No.: RF260330B005

		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.05	19.91	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.06	19.49	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.07	19.68	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.07	19.61	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.02	19.93	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.09	19.91	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.09	19.46	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.06	19.61	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.02	19.66	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.00	19.72	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.03	19.86	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.34	20.13	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.36	19.90	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left	18.42	20.62	/	Pass

			NR: Outer_Full				
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.40	20.26	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.37	19.91	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.36	20.00	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.29	19.80	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.32	20.17	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.34	19.90	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.34	20.39	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.34	20.30	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.35	20.16	/	Pass

2.1.3 30_S_30M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 30MHz NTN CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	27.16	29.80	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	27.31	29.42	/	Pass



Test Report No.: RF260330B005

		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	27.18	29.43	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	27.15	29.73	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	27.23	29.75	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	27.18	29.70	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	27.11	29.90	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	27.21	29.66	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	27.11	29.73	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	27.19	29.61	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	27.21	29.65	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	27.11	29.70	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	27.21	29.95	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	27.18	29.72	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	27.15	29.63	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2511	LTE: 1RB_Left	28.20	30.99	/	Pass



Test Report No.: RF260330B005

			NR: Outer_Full				
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	28.25	30.65	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	28.22	30.71	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	28.08	30.73	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	28.22	30.76	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	28.20	30.78	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	28.21	31.04	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	28.20	30.80	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	28.14	30.77	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2511	LTE: 1RB_Left NR: Outer_Full	28.25	30.81	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	28.30	30.57	/	Pass
		CC1:1745 CC2:2674.98	LTE: 1RB_Left NR: Outer_Full	28.22	30.69	/	Pass

2.1.4 30_S_40M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 40MHz NTN							
CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict

BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th
Road, Chiwan Community, Zhaoshang Street, Nanshan
District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Test Report No.: RF260330B005

LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	36.38	60.76	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	36.06	38.58	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	36.00	38.56	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	36.05	38.69	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	36.08	38.82	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	35.98	38.81	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	35.82	38.66	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	35.89	38.65	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	35.80	38.60	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	35.91	38.72	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	36.02	38.66	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	35.97	38.73	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	35.89	38.55	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left	35.94	38.53	/	Pass



Test Report No.: RF260330B005

			NR: Outer_Full				
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	35.89	38.52	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	38.02	40.80	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	38.09	40.77	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	38.05	40.77	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	38.00	40.87	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	38.05	40.68	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	38.03	40.84	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	38.19	40.93	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	38.14	40.83	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	38.06	41.02	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2516.01	LTE: 1RB_Left NR: Outer_Full	38.25	40.85	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	38.20	40.94	/	Pass
		CC1:1745 CC2:2670	LTE: 1RB_Left NR: Outer_Full	38.17	40.91	/	Pass



Test Report No.: RF260330B005

2.1.5 30_S_50M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 50MHz NTN							
CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	45.91	48.49	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	45.90	48.60	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	45.91	48.64	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	45.96	48.87	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	45.96	48.79	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	45.90	48.83	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	45.95	48.68	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	46.00	48.70	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	45.99	48.53	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	45.74	48.49	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	45.90	48.48	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left	45.85	48.34	/	Pass



Test Report No.: RF260330B005

			NR: Outer_Full				
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	45.76	48.58	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	45.77	48.54	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	45.83	48.68	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	47.71	50.52	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	47.60	50.54	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	47.56	50.78	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	47.57	50.37	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	47.69	50.50	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	47.64	50.37	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	47.56	50.39	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	47.61	50.62	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	47.55	50.42	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2521.02	LTE: 1RB_Left NR: Outer_Full	47.60	50.51	/	Pass



Test Report No.: RF260330B005

		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	47.63	50.27	/	Pass
		CC1:1745 CC2:2664.99	LTE: 1RB_Left NR: Outer_Full	47.67	50.50	/	Pass

2.1.6 30_S_60M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 60MHz NTN							
CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.45	62.89	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.41	62.79	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.77	63.07	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.42	62.76	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.46	62.82	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.26	62.76	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.66	63.05	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.79	63.08	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.58	63.18	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64	/	CC1:1745 CC2:2526	LTE: 1RB_Left	58.45	62.97	/	Pass



Test Report No.: RF260330B005

QAM			NR: Outer_Full				
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.44	63.05	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.39	63.02	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.38	62.73	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.33	62.70	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.42	62.72	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	67.77	110.34	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.59	62.78	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.59	62.79	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.28	63.09	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.44	62.89	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.37	62.98	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.37	62.88	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.57	62.90	/	Pass



Test Report No.: RF260330B005

		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.56	62.96	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2526	LTE: 1RB_Left NR: Outer_Full	58.37	62.90	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	58.21	62.94	/	Pass
		CC1:1745 CC2:2659.98	LTE: 1RB_Left NR: Outer_Full	58.35	63.06	/	Pass

2.1.7 30_S_70M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 70MHz NTN CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	64.78	69.33	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	64.57	69.12	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	64.98	69.20	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	64.85	69.50	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	64.76	69.29	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	64.88	69.42	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	65.03	69.28	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left	65.04	69.30	/	Pass



Test Report No.: RF260330B005

			NR: Outer_Full				
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	64.94	69.36	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	65.02	69.52	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	64.78	69.28	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	64.98	69.47	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	64.72	69.36	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	64.49	69.27	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	64.77	69.46	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	68.00	72.73	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	67.85	72.53	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	67.86	72.68	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	67.82	72.67	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	67.89	72.48	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	67.93	72.56	/	Pass



Test Report No.: RF260330B005

LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	68.19	72.75	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	67.75	72.44	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	67.96	72.62	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2531.01	LTE: 1RB_Left NR: Outer_Full	68.00	72.57	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	67.67	72.61	/	Pass
		CC1:1745 CC2:2655	LTE: 1RB_Left NR: Outer_Full	67.93	72.49	/	Pass

2.1.8 30_S_80M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 80MHz NTN CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.67	82.22	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.24	82.03	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.65	82.05	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.61	82.42	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.52	82.25	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left	77.56	82.45	/	Pass



Test Report No.: RF260330B005

			NR: Outer_Full				
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.62	82.44	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.49	82.16	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.67	82.31	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.65	82.34	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.35	82.30	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.60	82.21	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.72	82.57	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.41	82.34	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.78	82.72	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.97	82.81	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.68	82.72	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.86	82.87	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.79	82.73	/	Pass



Test Report No.: RF260330B005

		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.64	82.67	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.92	82.77	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.89	82.75	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.71	82.64	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.99	82.68	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2536.02	LTE: 1RB_Left NR: Outer_Full	77.75	82.79	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	77.45	82.49	/	Pass
		CC1:1745 CC2:2649.99	LTE: 1RB_Left NR: Outer_Full	77.79	82.77	/	Pass

2.1.9 30_S_90M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 90MHz NTN							
CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	87.22	92.29	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	86.86	91.98	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.19	92.03	/	Pass
LTE: QPSK NR: DFT-s-OFDM	/	CC1:1745 CC2:2541	LTE: 1RB_Left	87.16	92.25	/	Pass



Test Report No.: RF260330B005

QPSK			NR: Outer_Full				
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	86.89	92.03	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.01	92.14	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	87.32	92.11	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	87.07	92.03	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.45	92.18	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	87.15	92.07	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	86.79	92.12	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.16	92.10	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	87.25	92.06	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	86.81	91.88	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.18	92.00	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	87.75	92.75	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	87.34	92.61	/	Pass

		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.78	92.67	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	87.91	93.16	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	87.42	92.71	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.88	93.00	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	88.06	92.98	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	87.70	92.65	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	87.75	92.82	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2541	LTE: 1RB_Left NR: Outer_Full	88.05	92.86	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	87.72	92.59	/	Pass
		CC1:1745 CC2:2644.98	LTE: 1RB_Left NR: Outer_Full	88.16	92.73	/	Pass

2.1.10 30_S_100M_NTNV

5G NR DC_66A_n41A SCS=30kHz SISO 100MHz NTNV CC1:66 CC2:n41							
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	97.25	102.53	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left	96.61	101.48	/	Pass



Test Report No.: RF260330B005

			NR: Outer_Full				
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	97.08	101.86	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	96.57	101.87	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	96.38	101.70	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	96.67	101.73	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	97.02	101.92	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	96.71	101.75	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	97.01	101.67	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	96.85	101.88	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	96.55	101.69	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	96.79	101.79	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	96.73	101.86	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	96.25	101.73	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	96.91	101.77	/	Pass



Test Report No.: RF260330B005

LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	97.83	103.25	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	97.36	102.81	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	98.00	103.17	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	97.74	102.92	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	97.33	102.83	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	97.76	102.96	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	97.89	103.42	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	97.49	102.60	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	97.74	102.97	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2546.01	LTE: 1RB_Left NR: Outer_Full	97.90	103.04	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	97.44	102.71	/	Pass
		CC1:1745 CC2:2640	LTE: 1RB_Left NR: Outer_Full	97.79	102.95	/	Pass

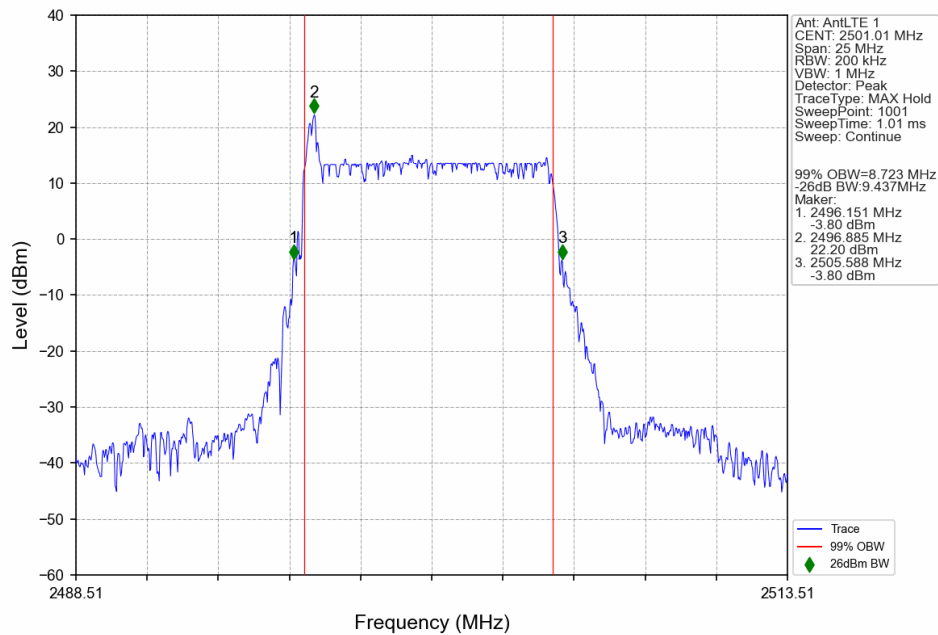


Test Report No.: RF260330B005

1.1 2.2 TEST GRAPH

2.2.1 30_S_10M_NTNV

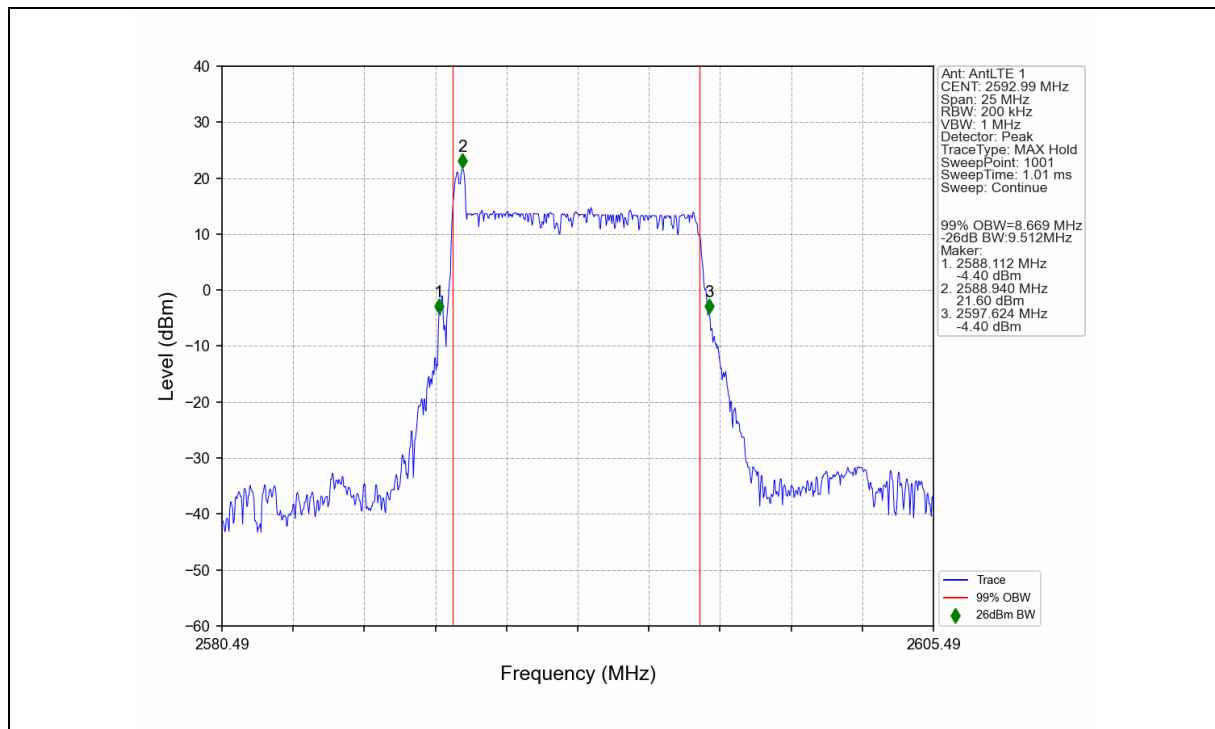
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



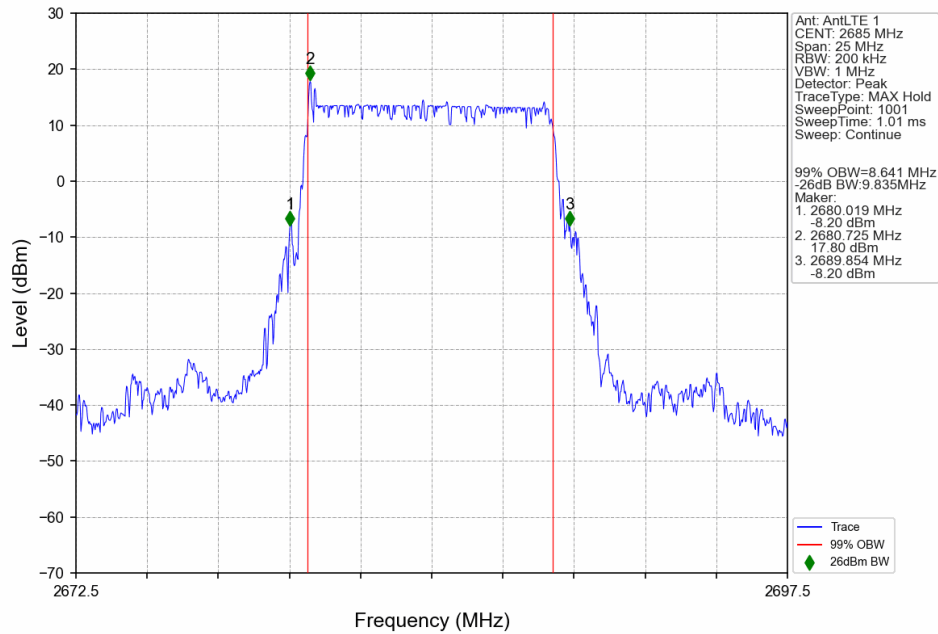
Test Report No.: RF260330B005



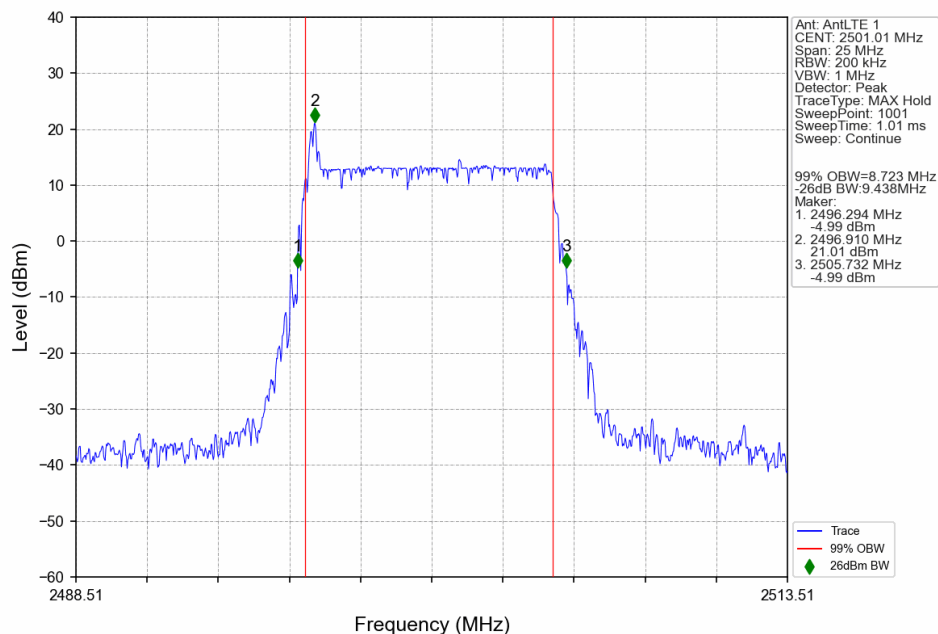


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



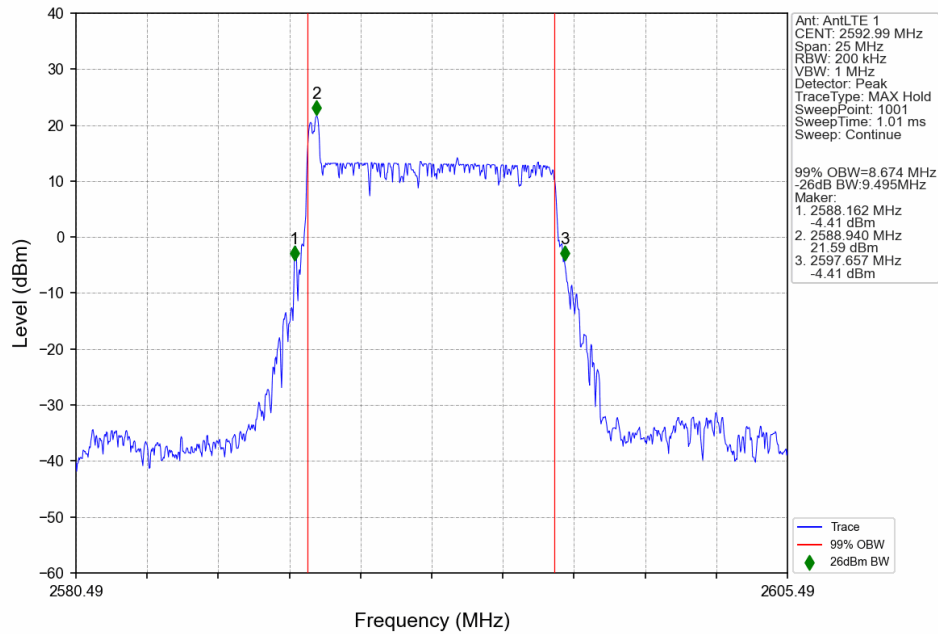
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



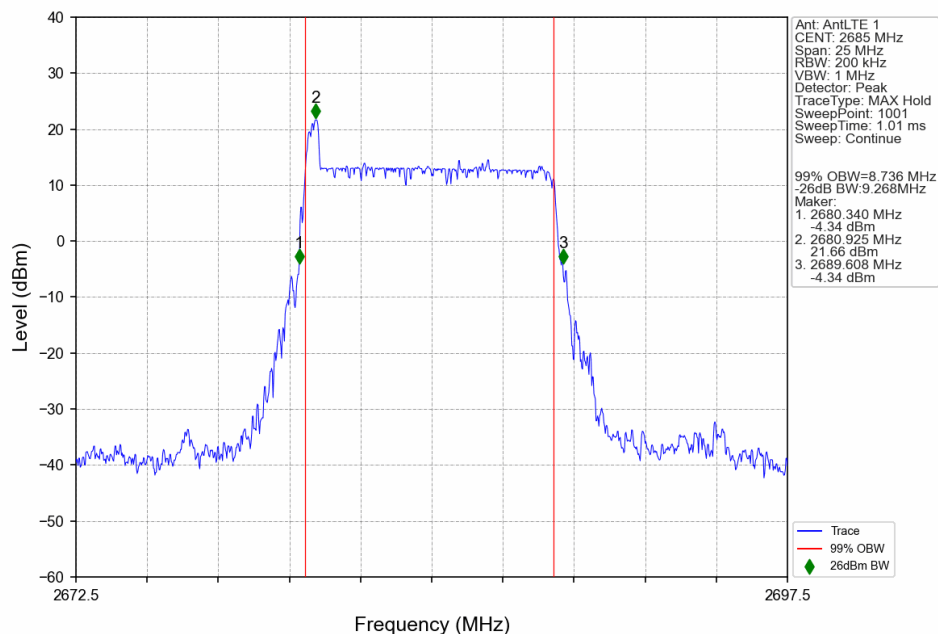


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



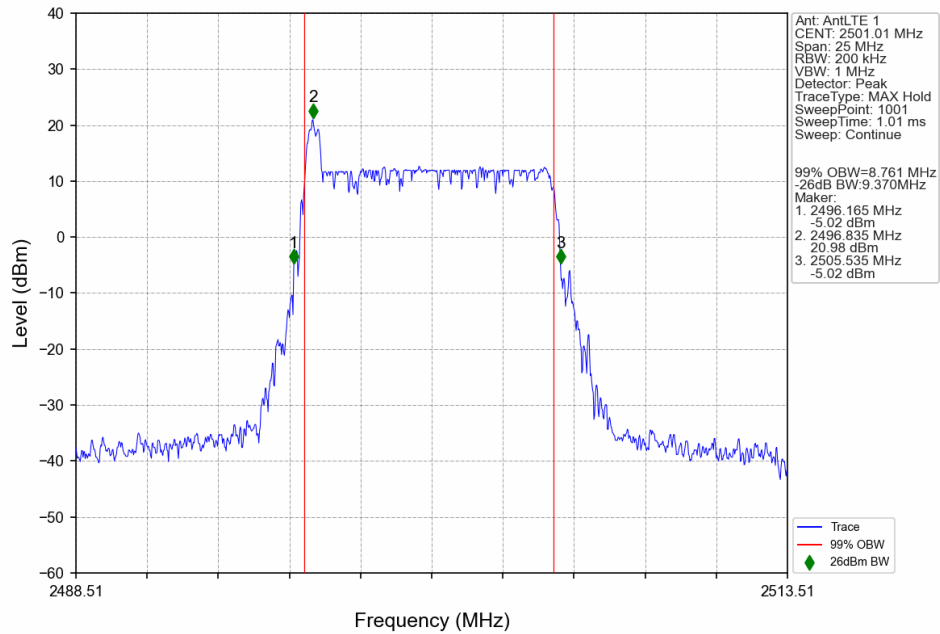
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



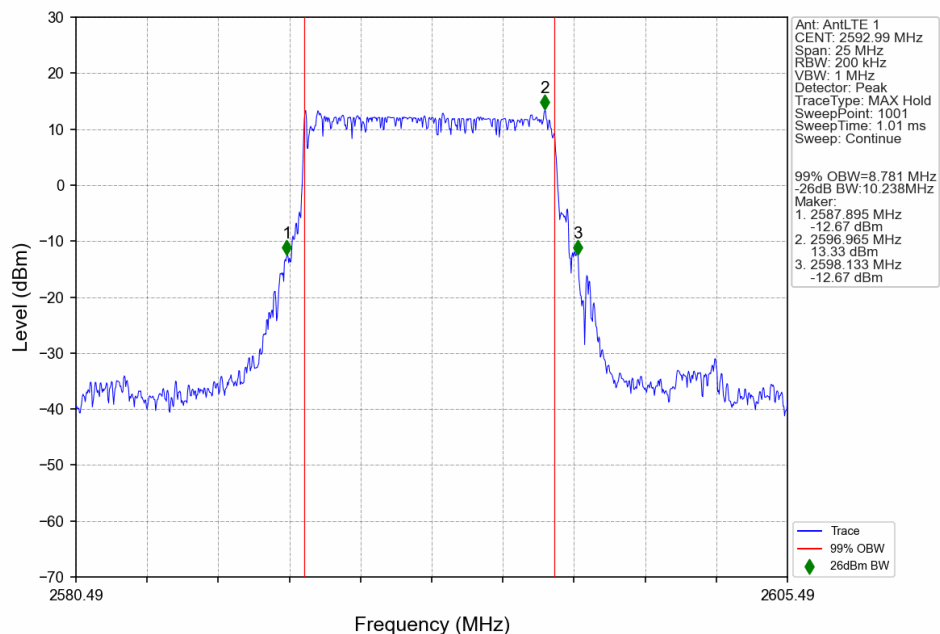


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 16
QAM CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



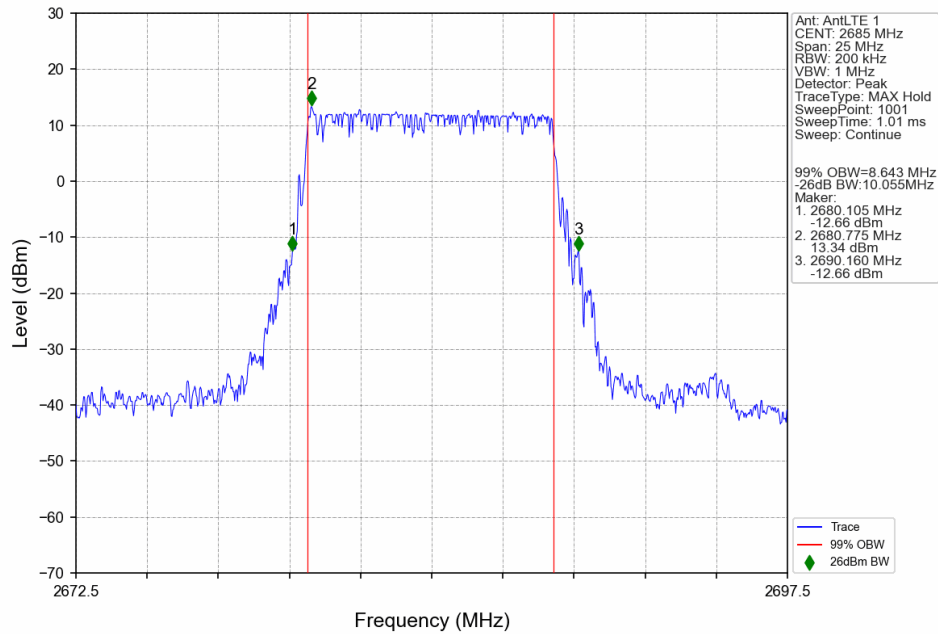
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 16
QAM CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



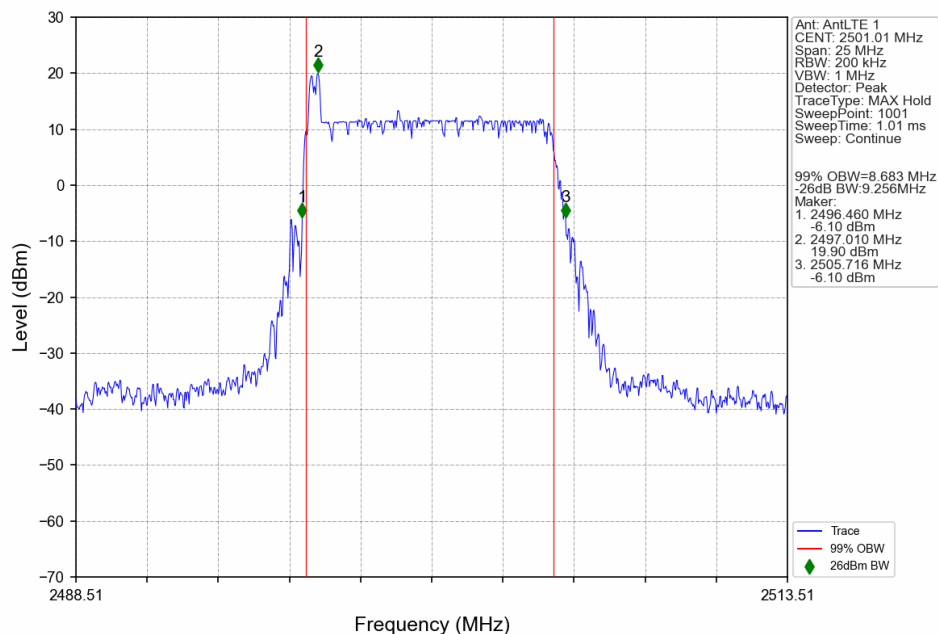


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 16
QAM_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



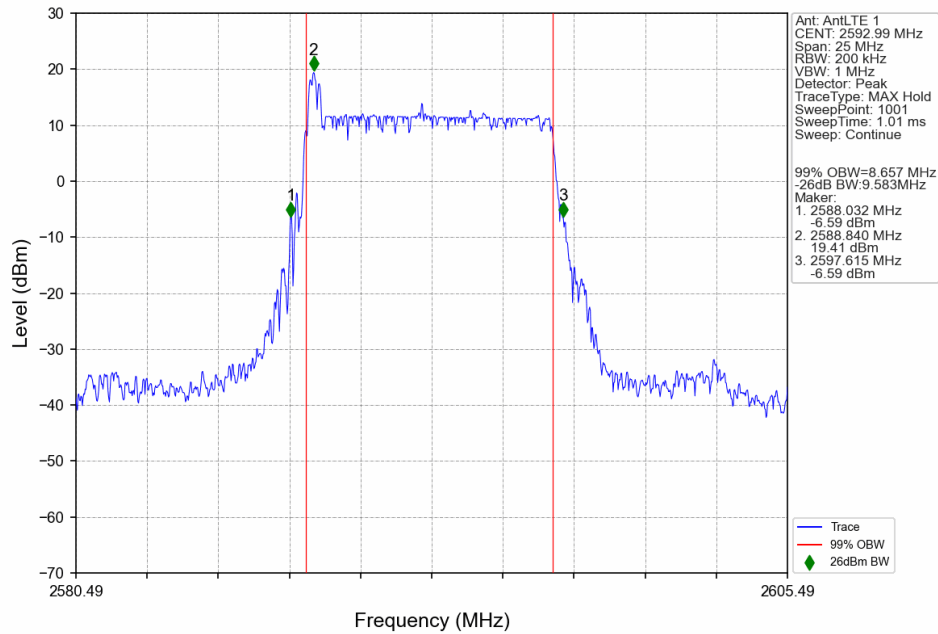
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 64
QAM_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



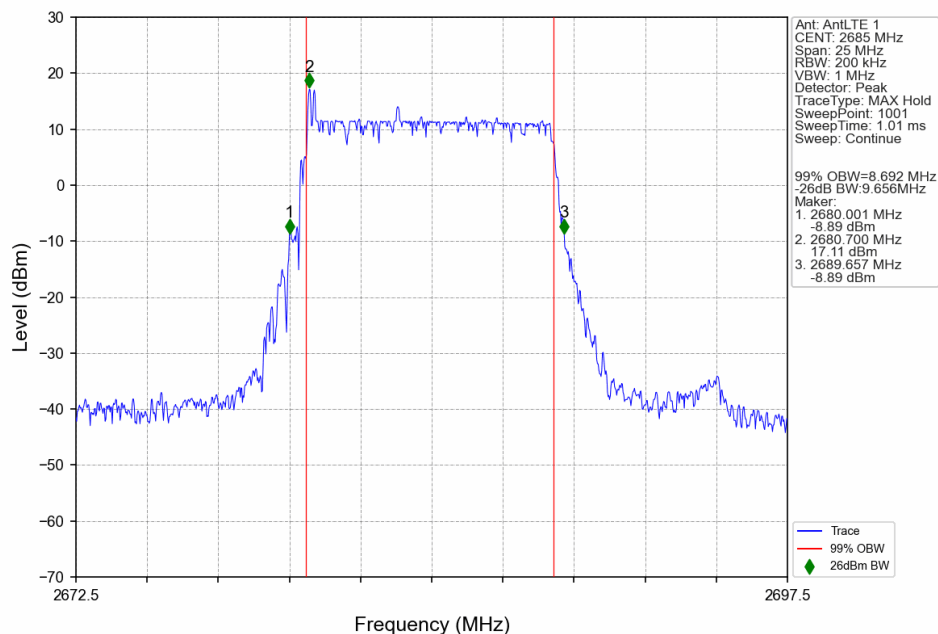


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 64
QAM_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



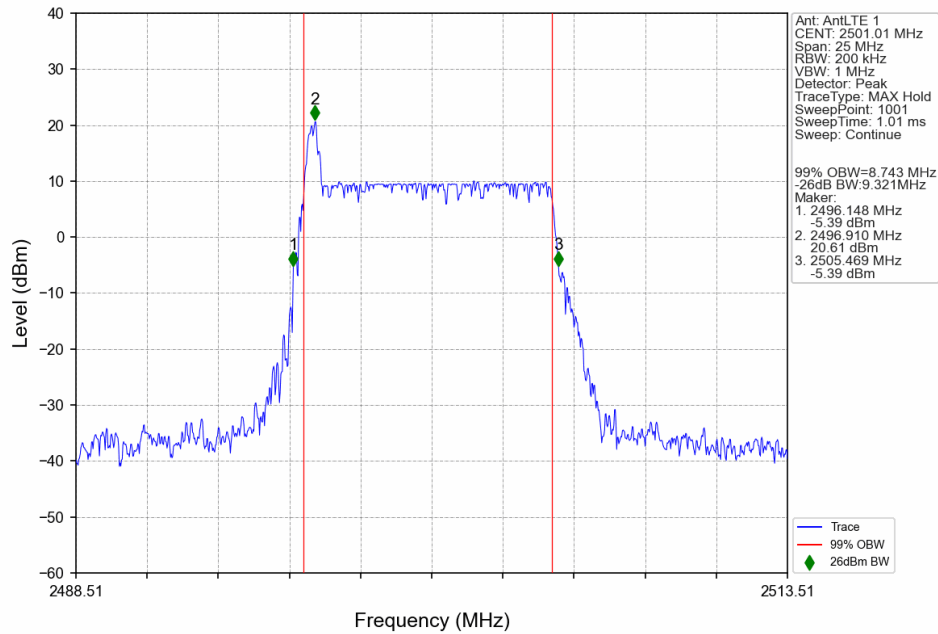
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 64
QAM_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



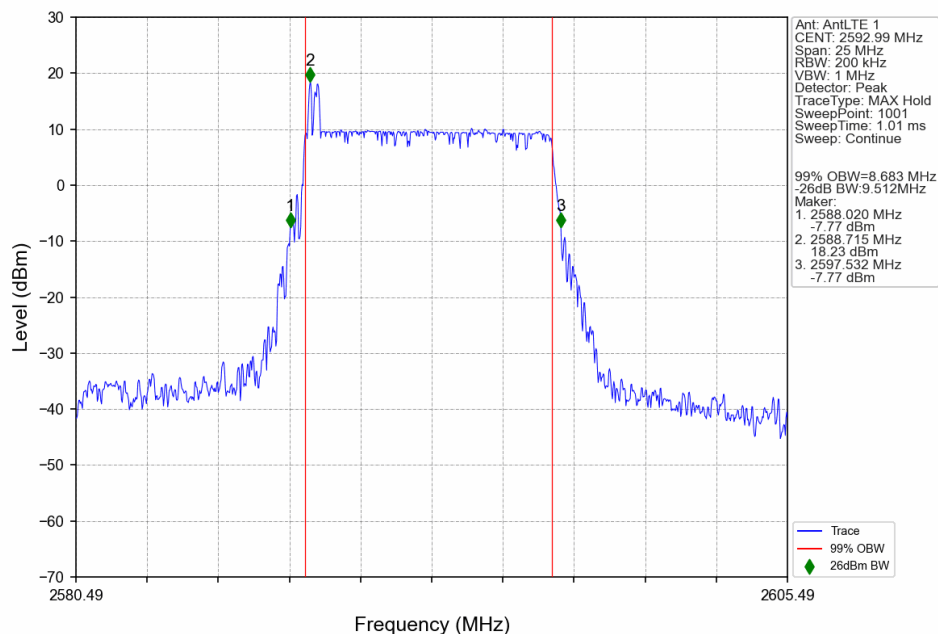


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 256
QAM_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



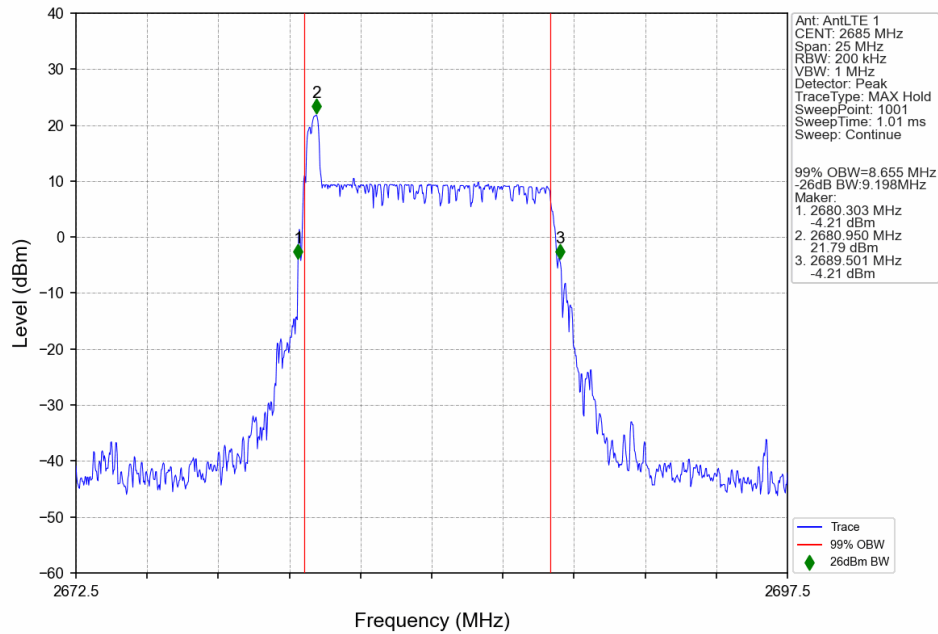
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 256
QAM_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



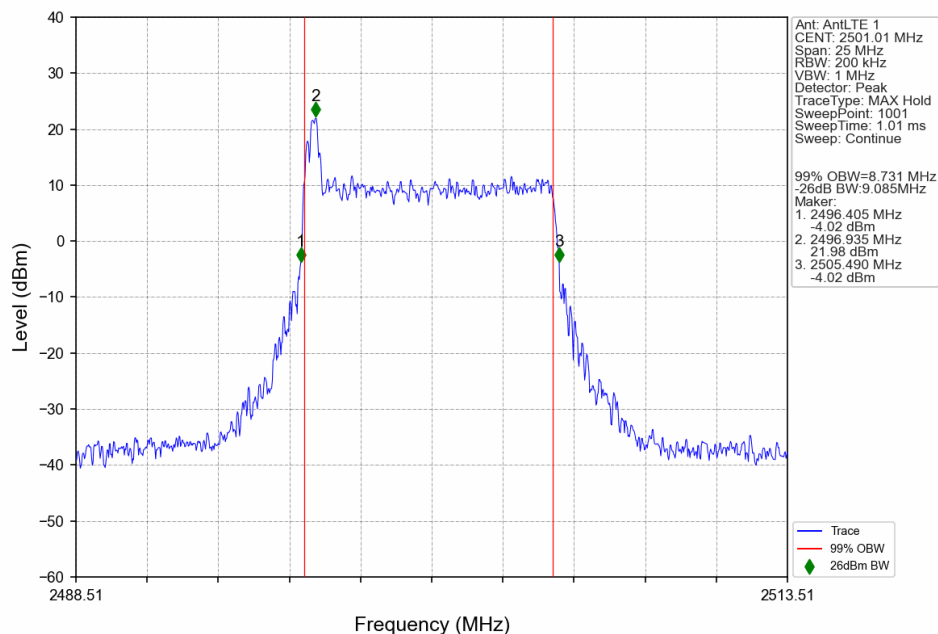


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM 256
QAM_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



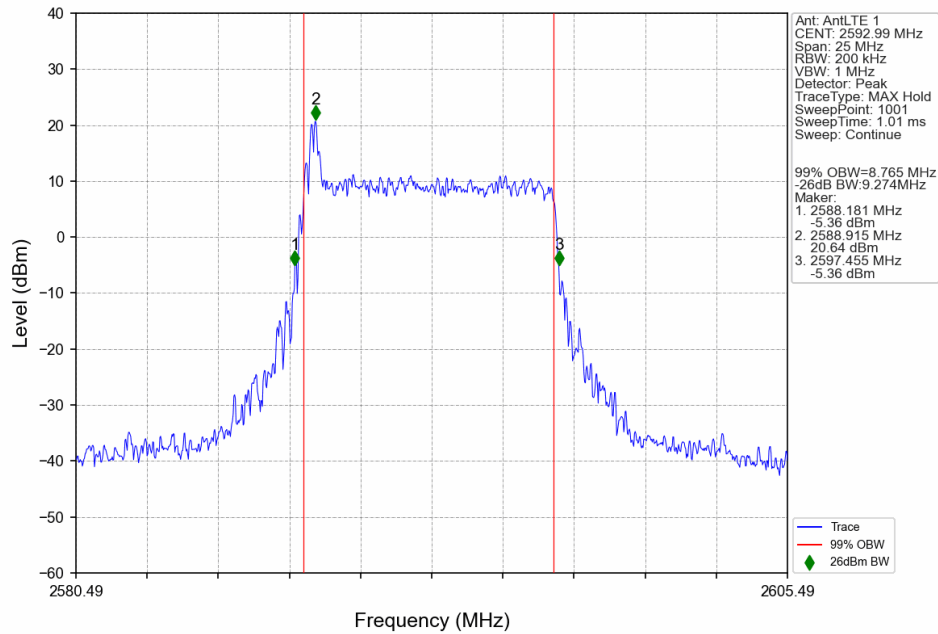
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



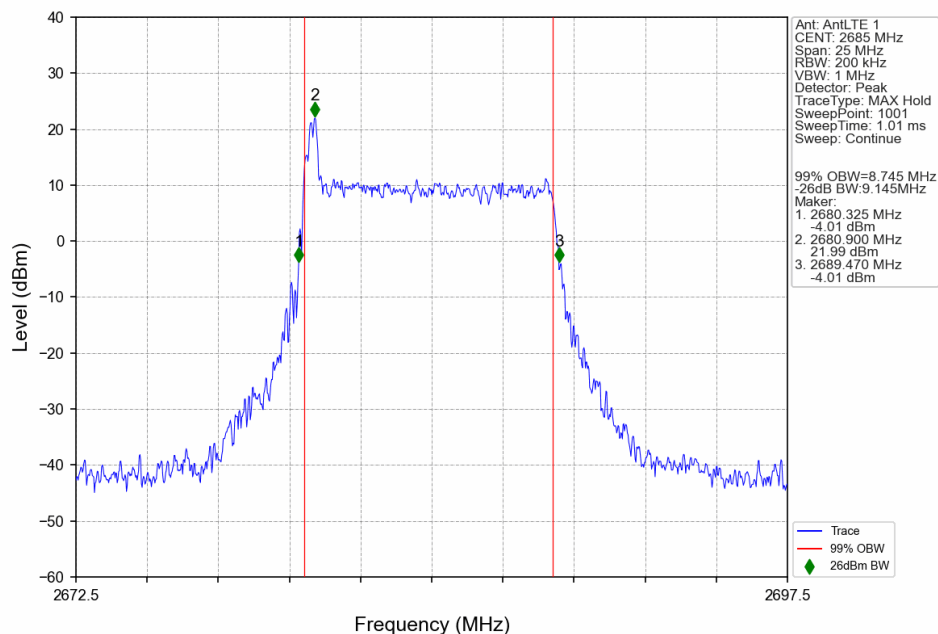


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



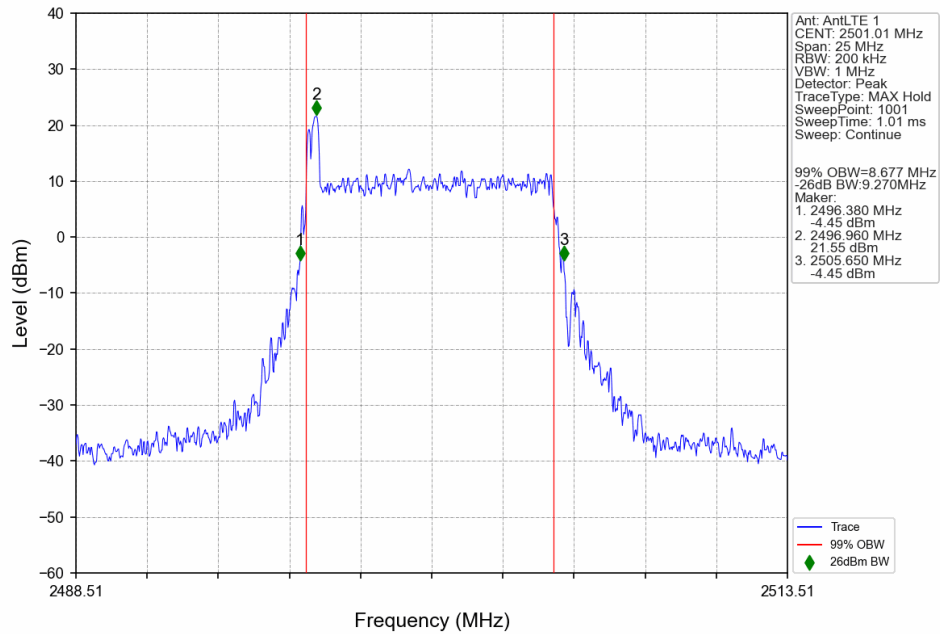
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



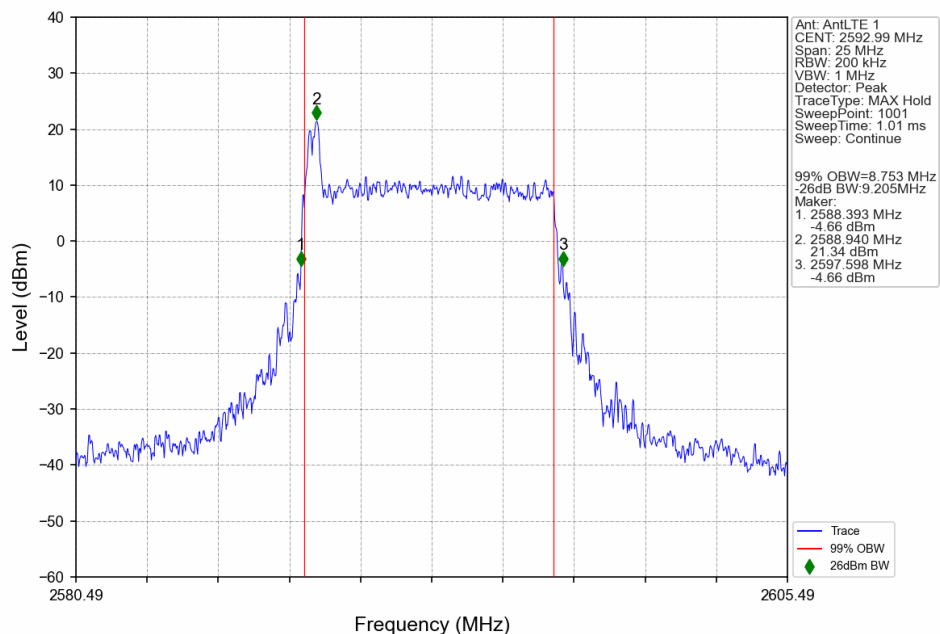


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 16
QAM_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



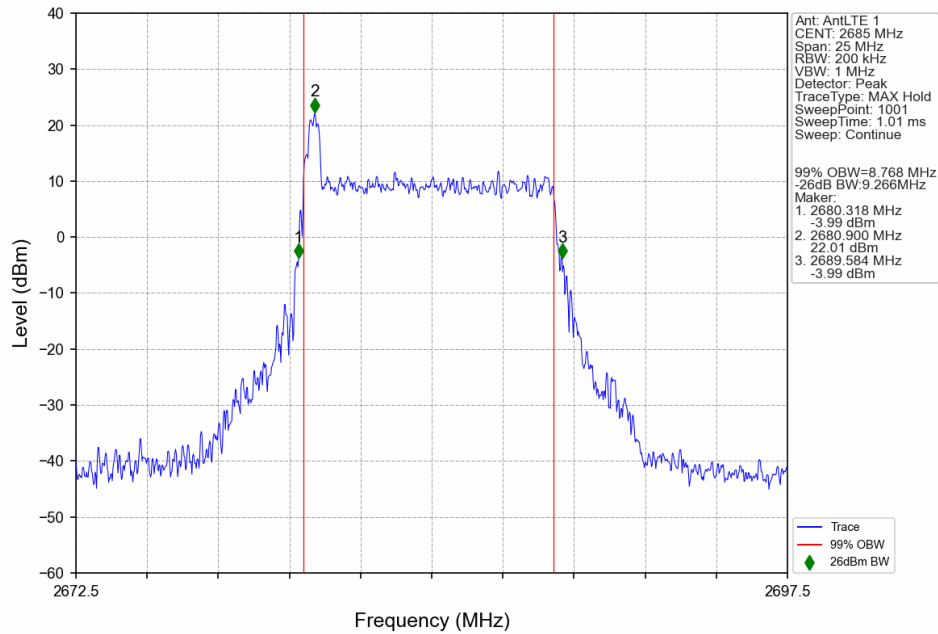
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 16
QAM_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



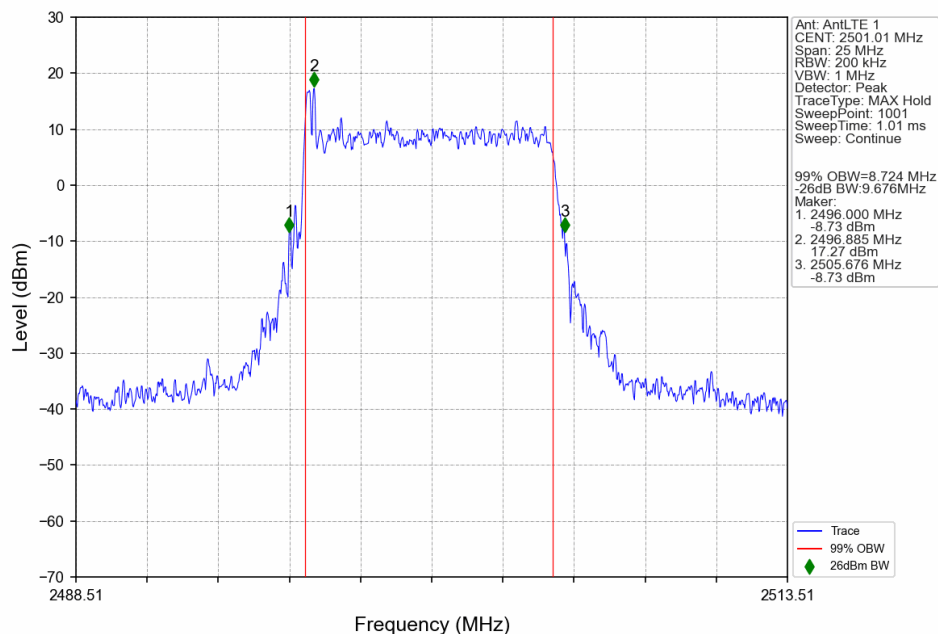


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 16
QAM_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



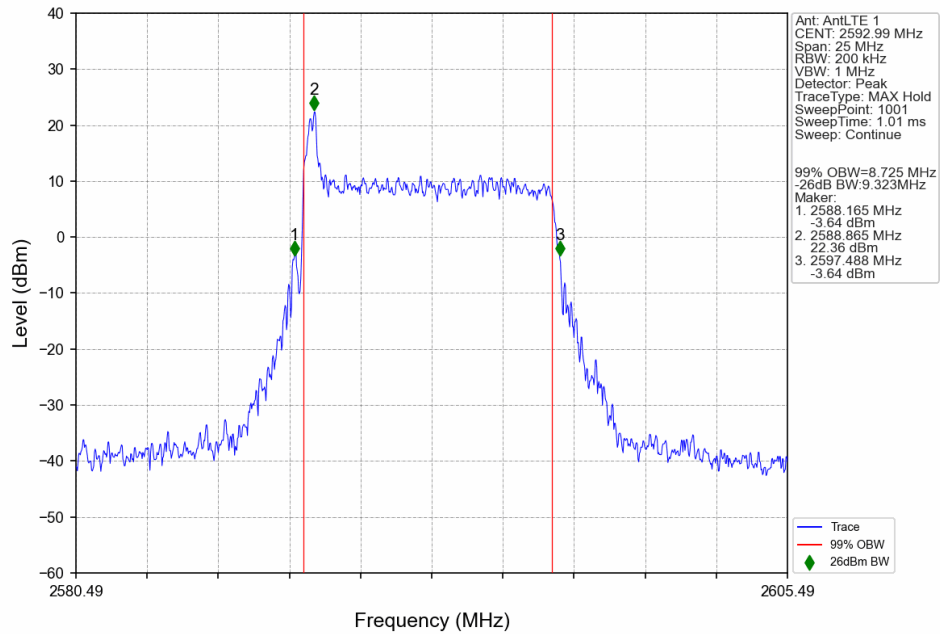
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 64
QAM_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



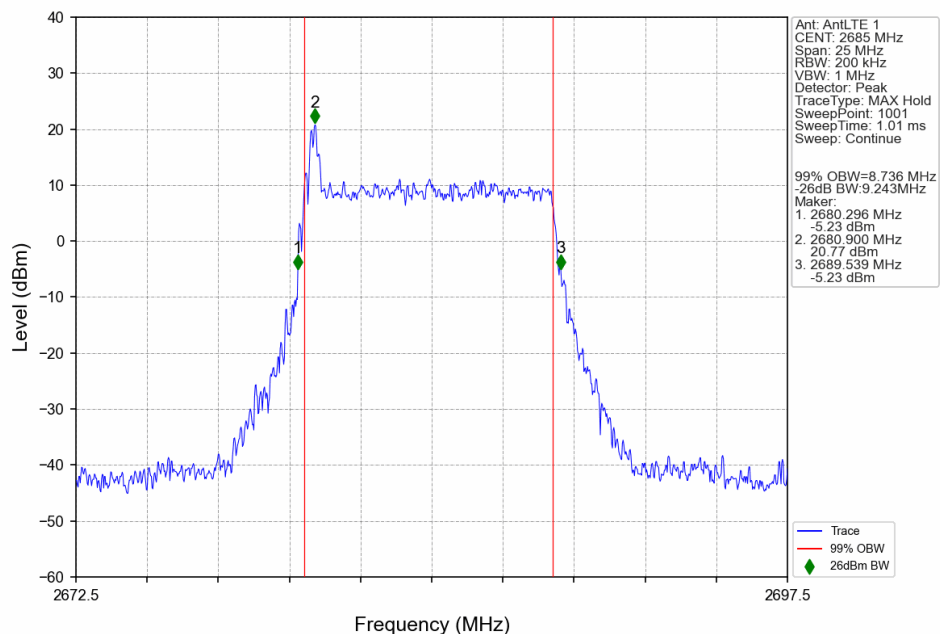


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 64
QAM_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



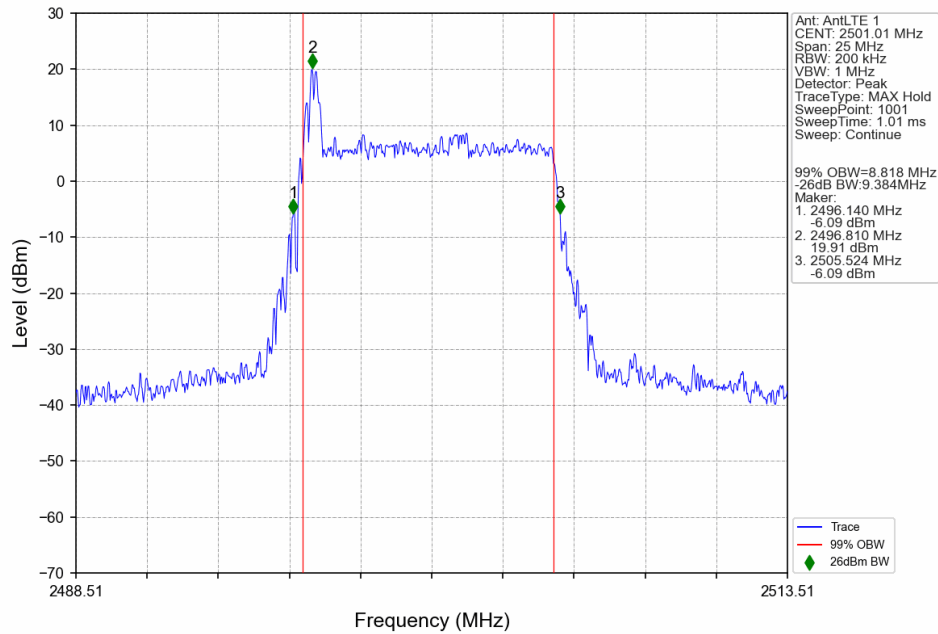
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 64
QAM_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



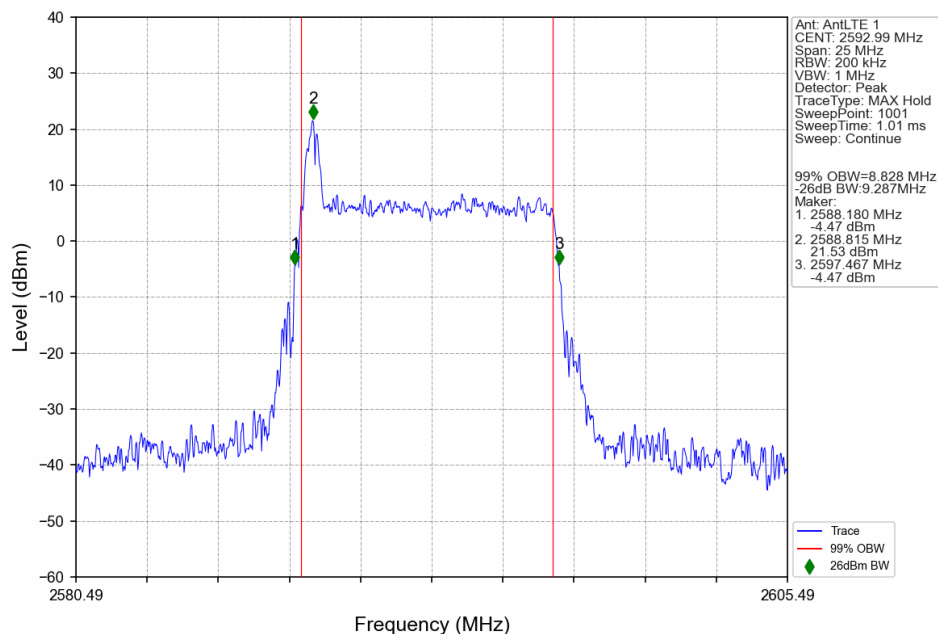


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 256
QAM_CC1:1745 CC2:2501.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



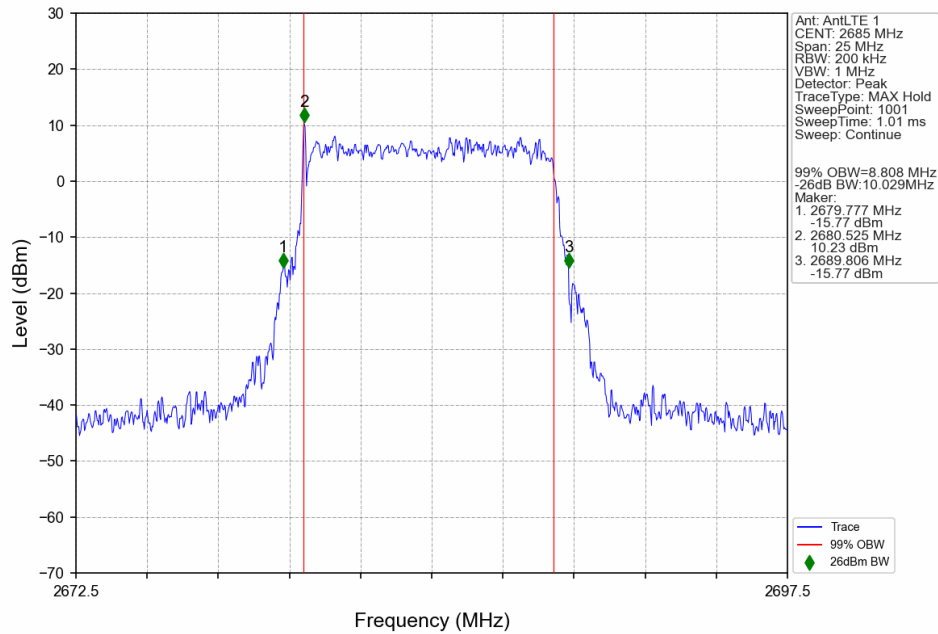
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 256
QAM_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1





Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:10MHz_LTE: QPSK NR: CP-OFDM 256
QAM_CC1:1745 CC2:2685MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

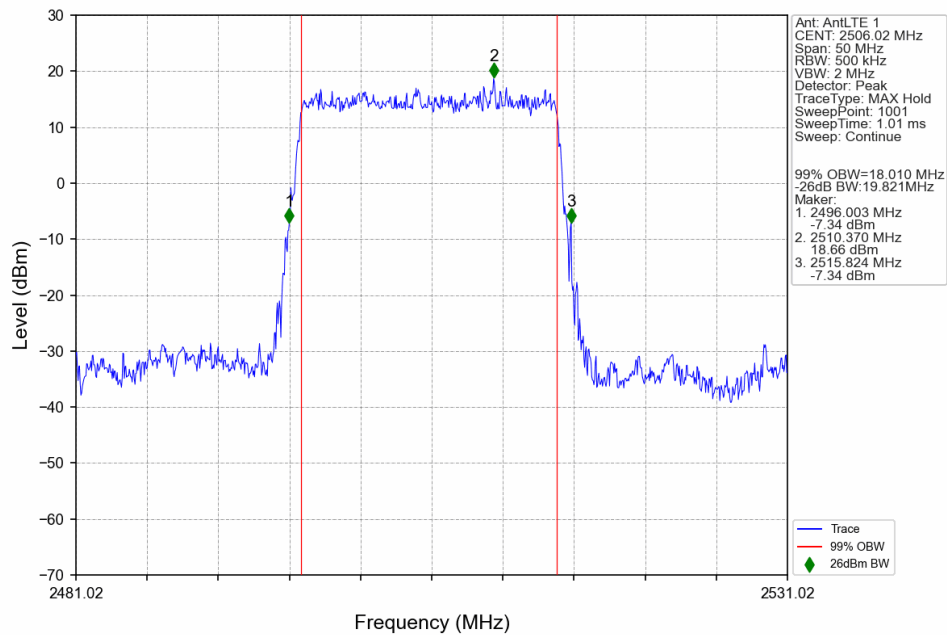




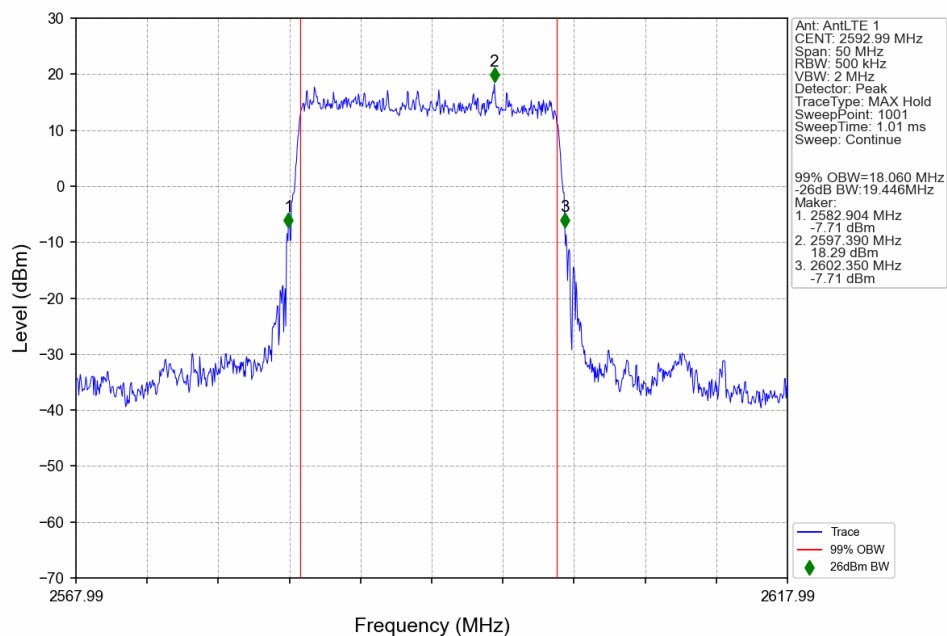
Test Report No.: RF260330B005

2.2.2 30_S_20M_NTNV

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2506.02MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



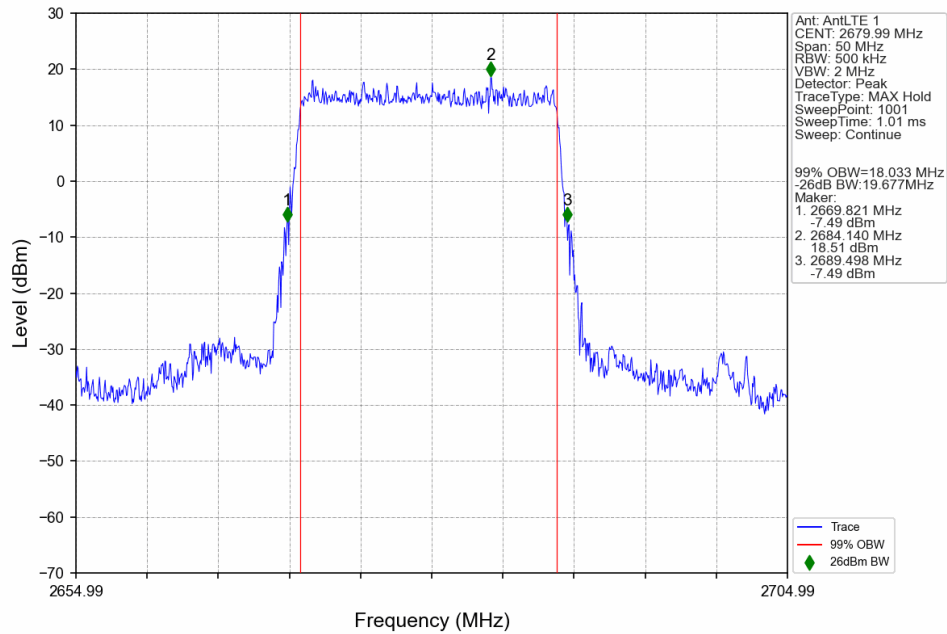
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1





Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2679.99MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:20MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2506.02MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

