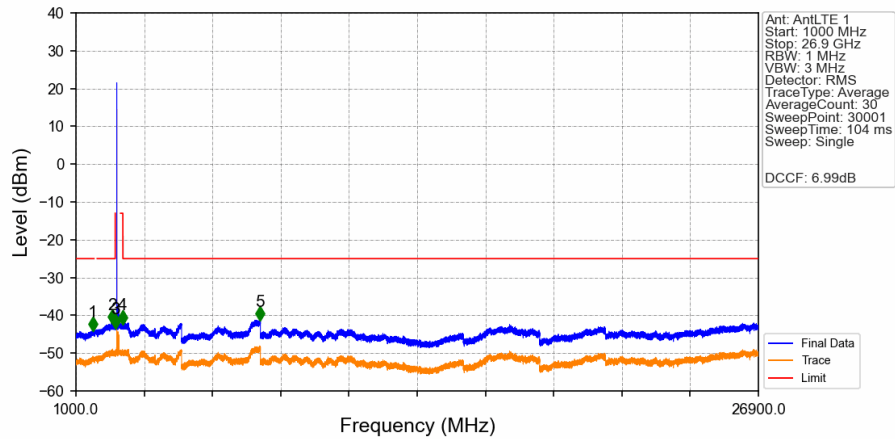




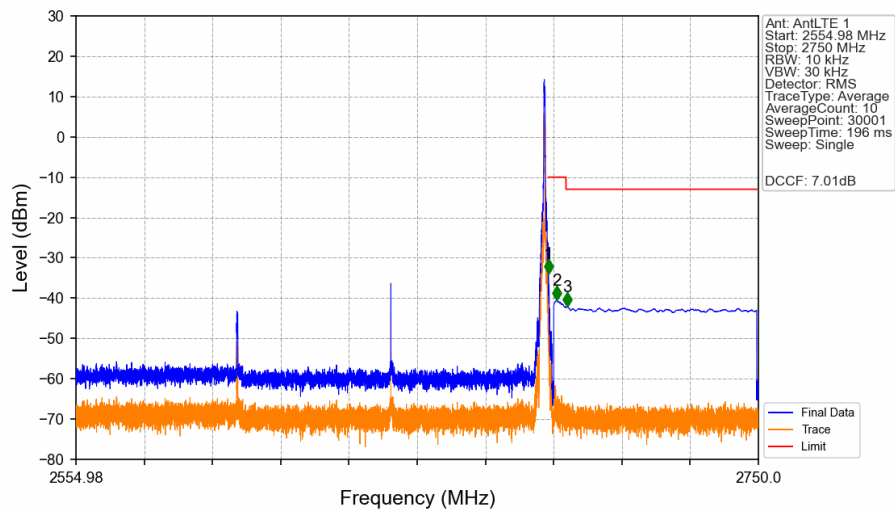
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_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	2490.5	1	/	1	1638.003	-43.80	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2384.787	-41.90	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.12	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2780	1	/	4	2762.063	-42.05	-13	Pass
2780	26900	1	/	5	7978.323	-41.07	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

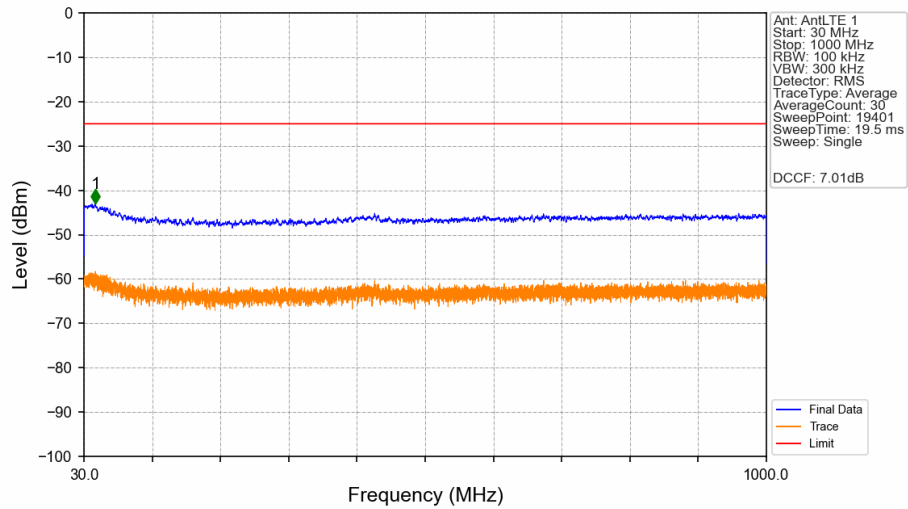


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2554.98	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-33.78	-10	Pass
2691	2695	1	CHP	2	2692.320	-40.44	-10	Pass
2695	2750	1	CHP	3	2695.264	-42.11	-13	Pass



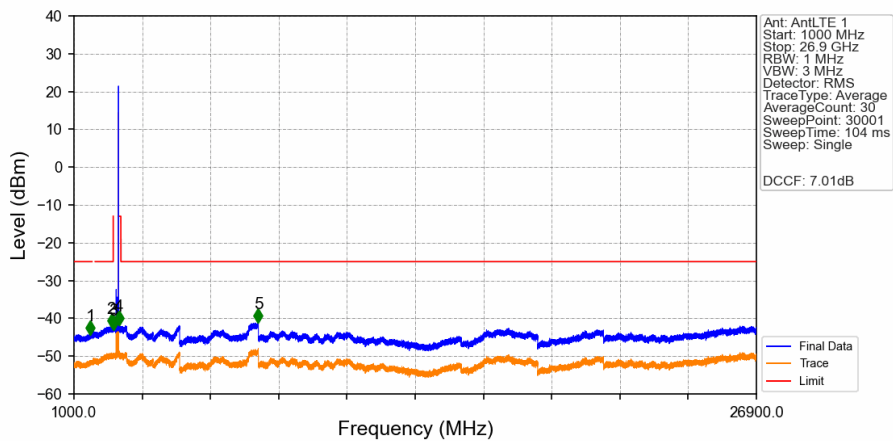
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_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	1000	1	CHP	1	46.300	-42.97	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

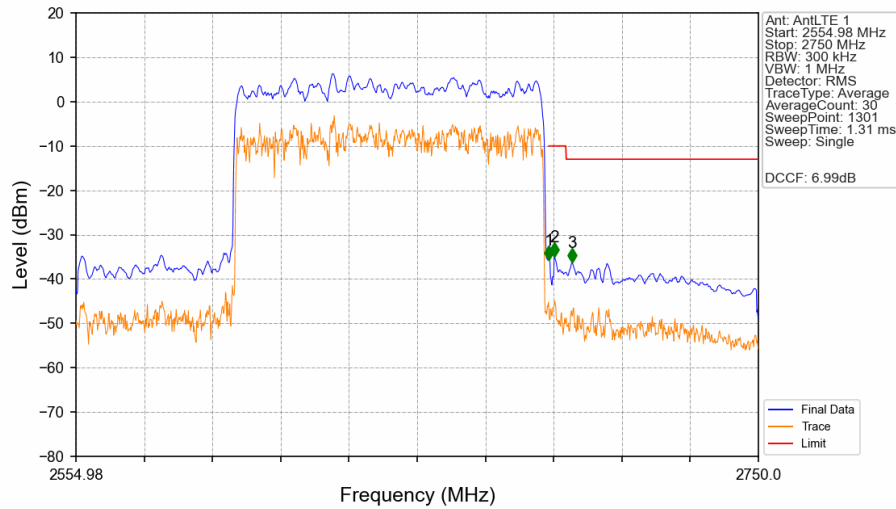


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1618.147	-44.08	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2426.227	-42.12	-25	Pass
2490.5	2495	1	/	3	2490.977	-42.70	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2780	1	/	4	2711.990	-41.58	-13	Pass
2780	26900	1	/	5	7993.863	-40.92	-25	Pass



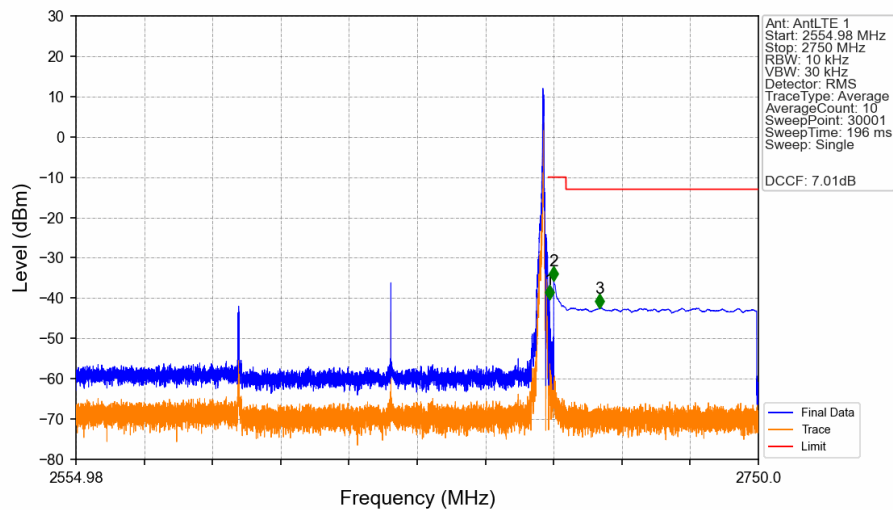
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2554.98	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.144	-35.60	-10	Pass
2691	2695	1	CHP	2	2691.644	-34.95	-10	Pass
2695	2750	1	CHP	3	2696.745	-36.29	-13	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Inner 1RB_Right AntLTE 1

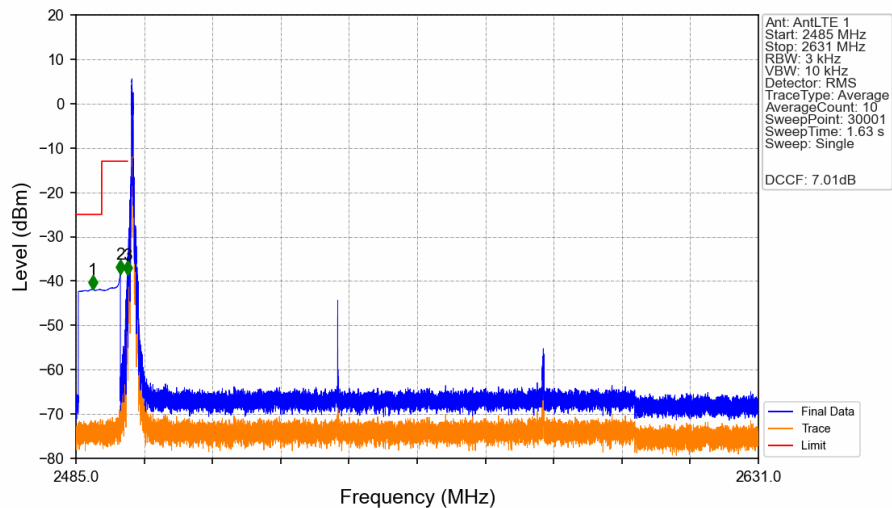


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2554.98	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.239	-40.18	-10	Pass
2691	2695	1	CHP	2	2691.501	-35.72	-10	Pass
2695	2750	1	CHP	3	2704.690	-42.41	-13	Pass



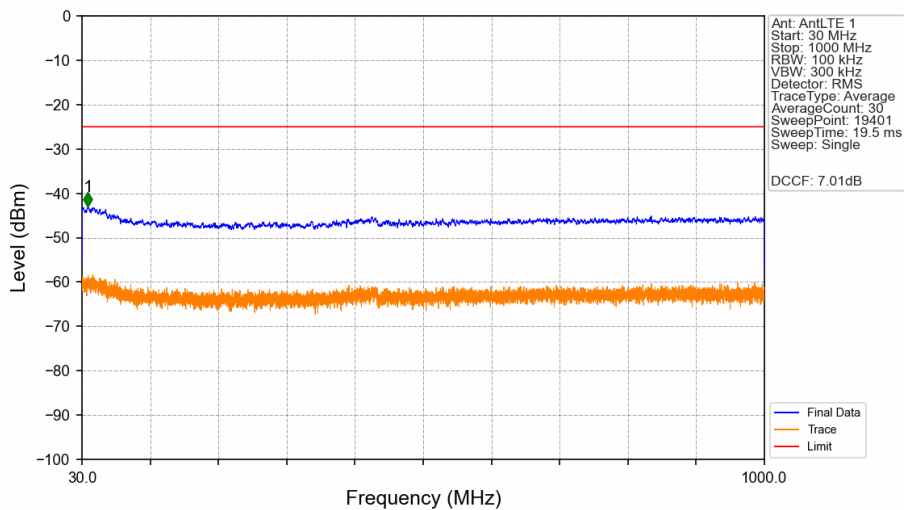
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2541MHz_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
2485	2490.5	1	CHP	1	2488.596	-41.83	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-38.48	-13	Pass
2495	2496	0.005	CHP	3	2495.994	-38.67	-13	Pass
2496	2631	0.005	CHP	/	/	/	/	/

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2541MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

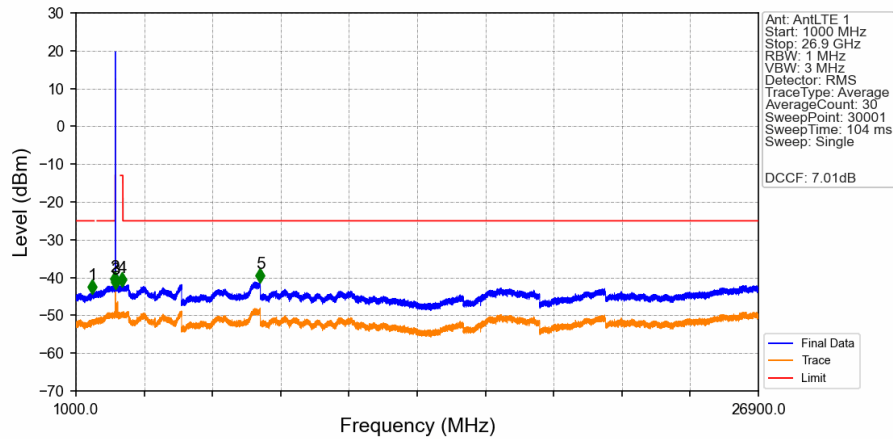


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	38.550	-42.97	-25	Pass



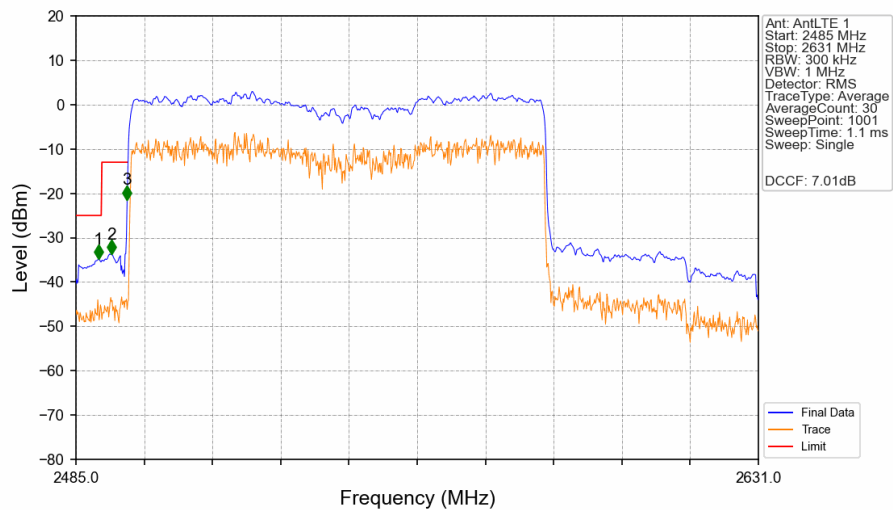
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2541MHz_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	2490.5	1	/	1	1617.283	-44.05	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2482.343	-41.85	-25	Pass
2490.5	2495	1	/	3	2490.977	-42.67	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2780	1	/	4	2749.113	-42.07	-13	Pass
2780	26900	1	/	5	7993.863	-41.02	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2541MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

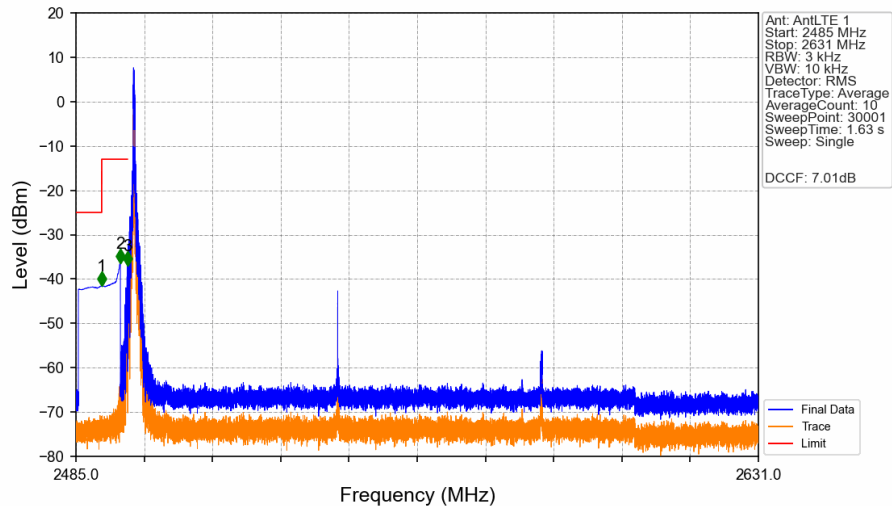


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.818	-34.85	-25	Pass
2490.5	2495	1	CHP	2	2492.592	-33.65	-13	Pass
2495	2496	0.927	CHP	3	2495.950	-21.38	-13	Pass
2496	2631	0.927	CHP	/	/	/	/	/



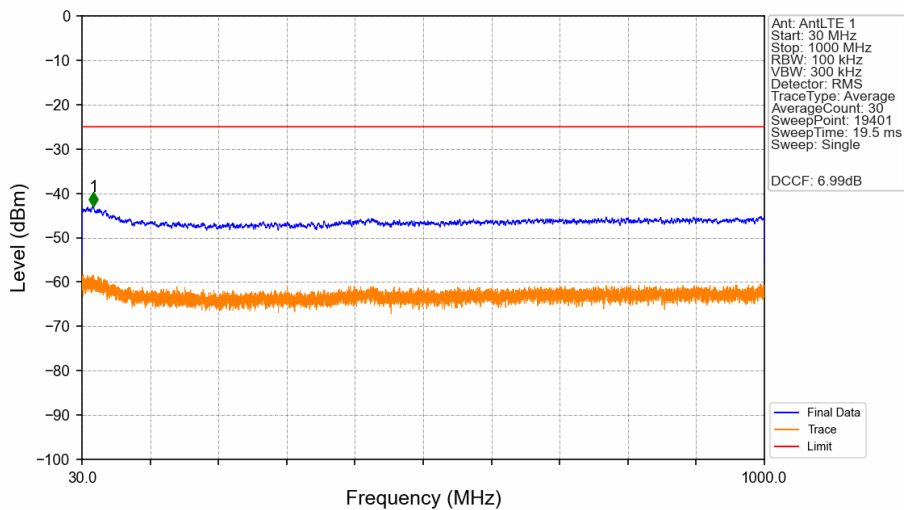
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2541MHz_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
2485	2490.5	1	CHP	1	2490.470	-41.57	-25	Pass
2490.5	2495	1	CHP	2	2494.480	-36.44	-13	Pass
2495	2496	0.005	CHP	3	2495.994	-36.94	-13	Pass
2496	2631	0.005	CHP	/	/	/	/	/

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

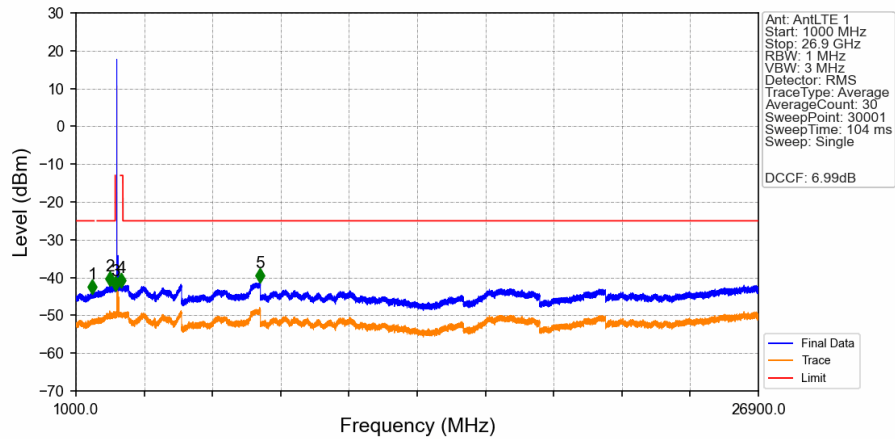


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	46.500	-42.89	-25	Pass



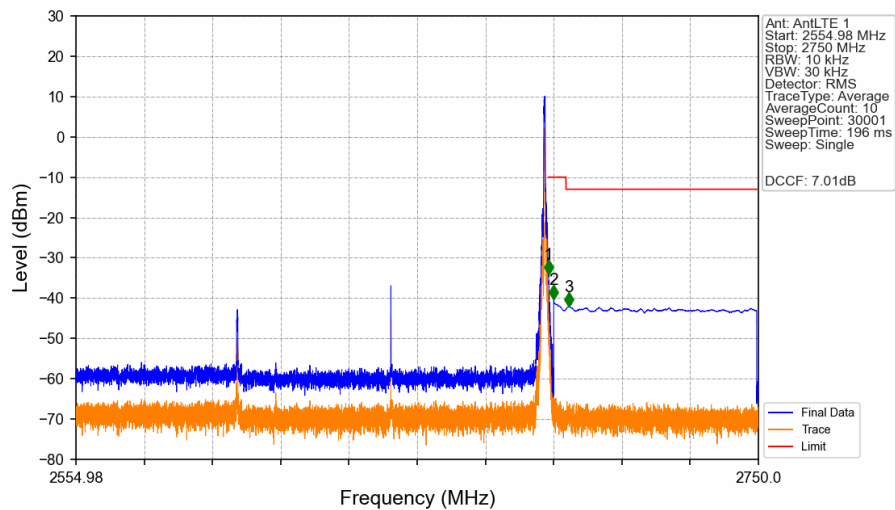
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_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	2490.5	1	/	1	1621.600	-43.94	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2281.187	-41.80	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.08	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2780	1	/	4	2718.033	-42.23	-13	Pass
2780	26900	1	/	5	7973.143	-40.92	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

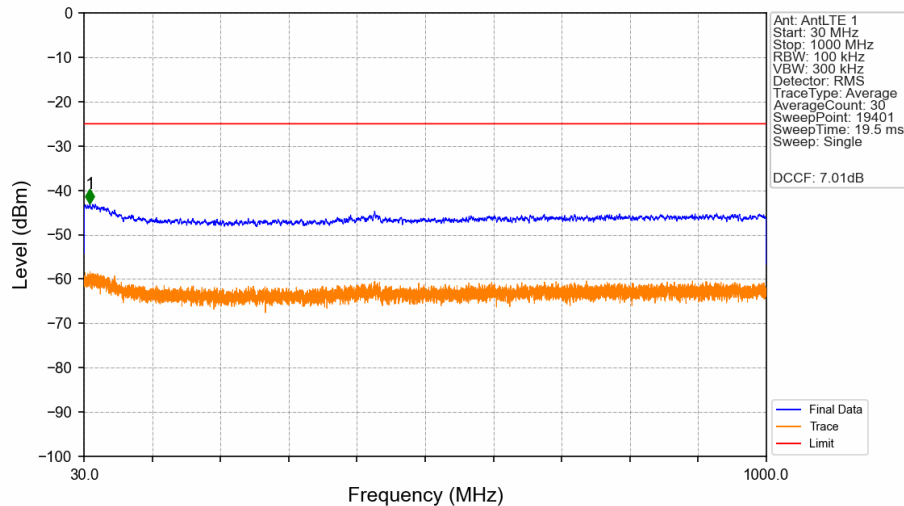


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2554.98	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.044	-34.00	-10	Pass
2691	2695	1	CHP	2	2691.501	-40.30	-10	Pass
2695	2750	1	CHP	3	2695.778	-42.06	-13	Pass



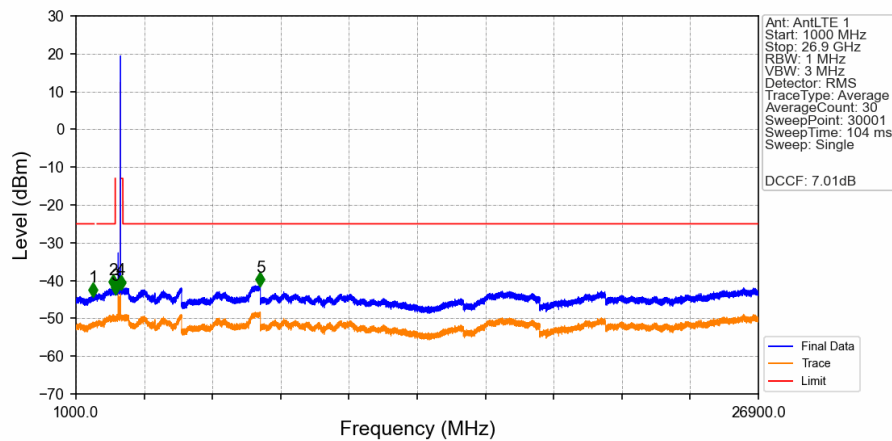
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_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	1000	1	CHP	1	38.250	-42.90	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

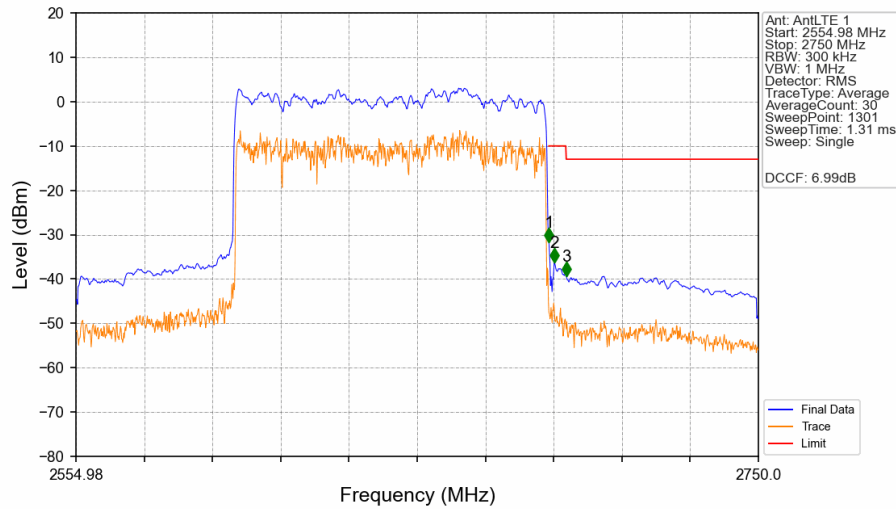


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1650.090	-43.94	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2408.960	-41.93	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.42	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2780	1	/	4	2711.127	-42.04	-13	Pass
2780	26900	1	/	5	7992.137	-41.28	-25	Pass

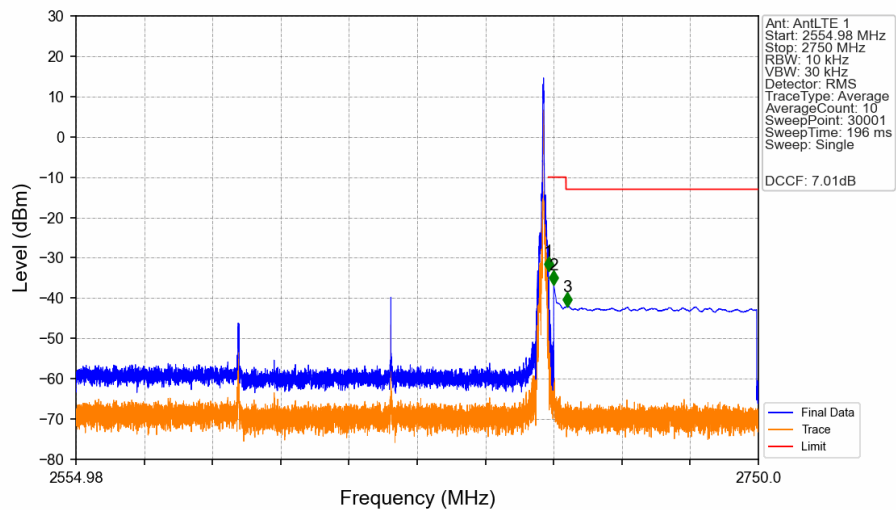


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:90MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2644.98MHz_LTE: 1RB_Left NR: Inner 1RB_Right AntLTE 1

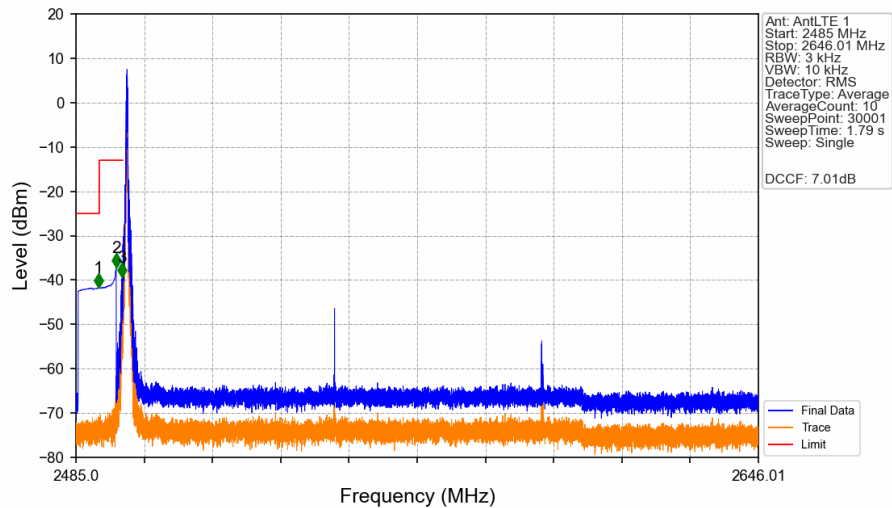




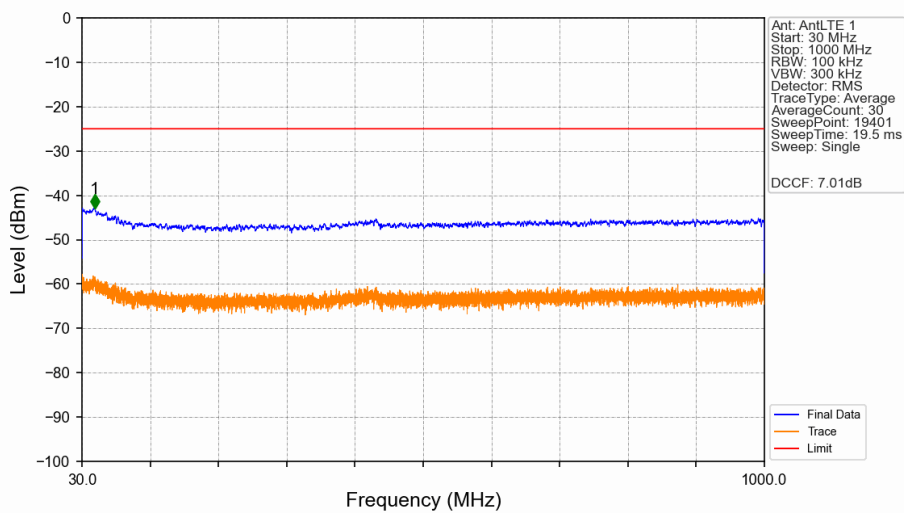
Test Report No.: RF260330B005

4.2.10 30_S_100M_NTNV

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



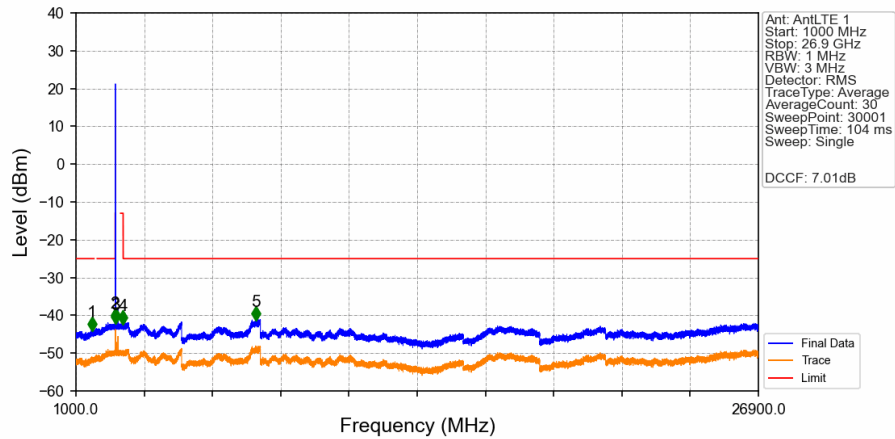
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





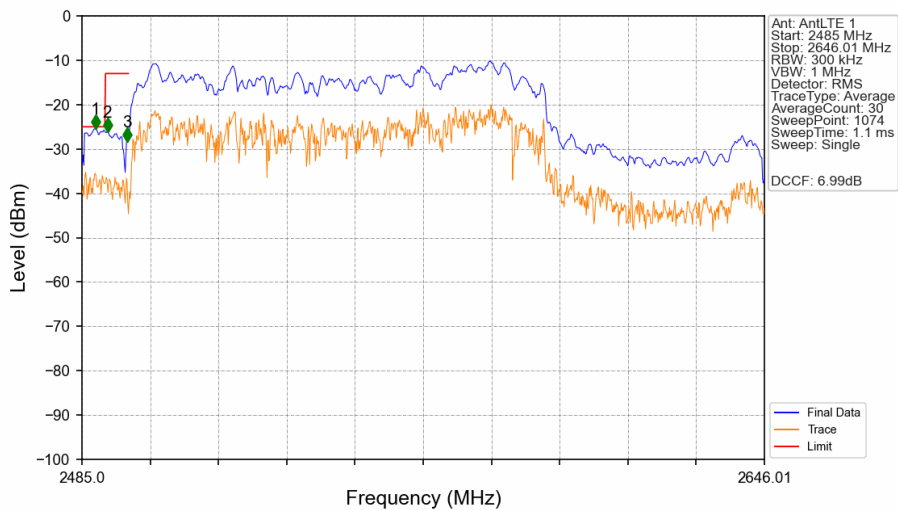
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2546.01MHz_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	2490.5	1	/	1	1603.470	-43.93	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2487.523	-41.57	-25	Pass
2490.5	2495	1	/	3	2490.977	-42.02	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2785.373	-42.20	-13	Pass
2790	26900	1	/	5	7825.513	-41.05	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

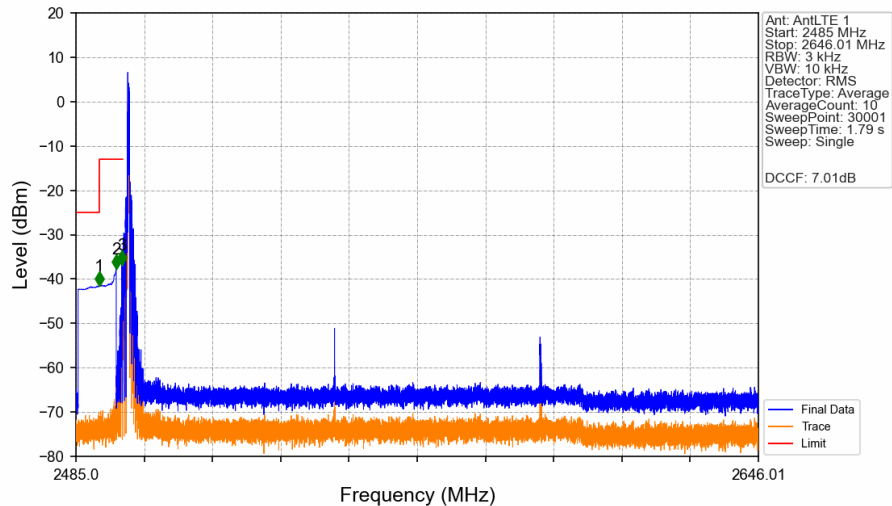


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.151	-25.47	-25	Pass
2490.5	2495	1	CHP	2	2491.002	-26.12	-13	Pass
2495	2496	1	CHP	3	2495.654	-28.37	-13	Pass
2496	2646.01	1	CHP	/	/	/	/	/

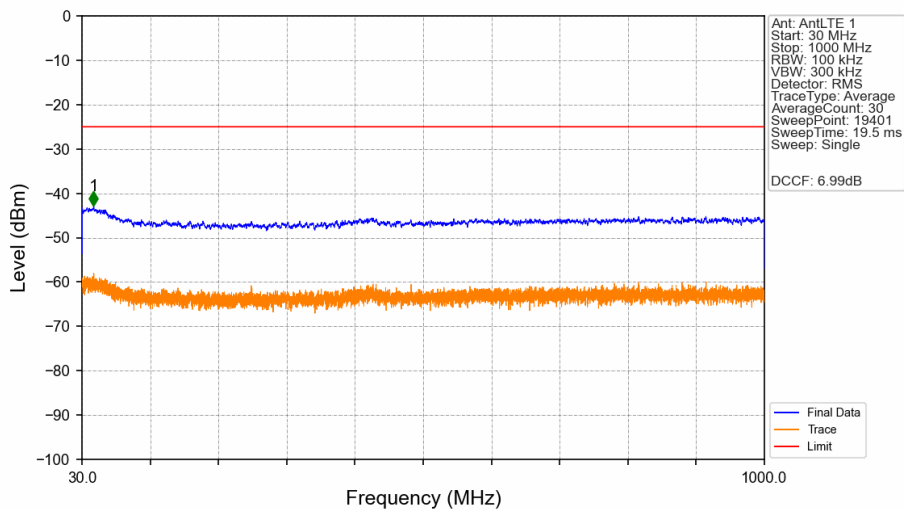


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Inner_1RB_Left_AntLTE 1



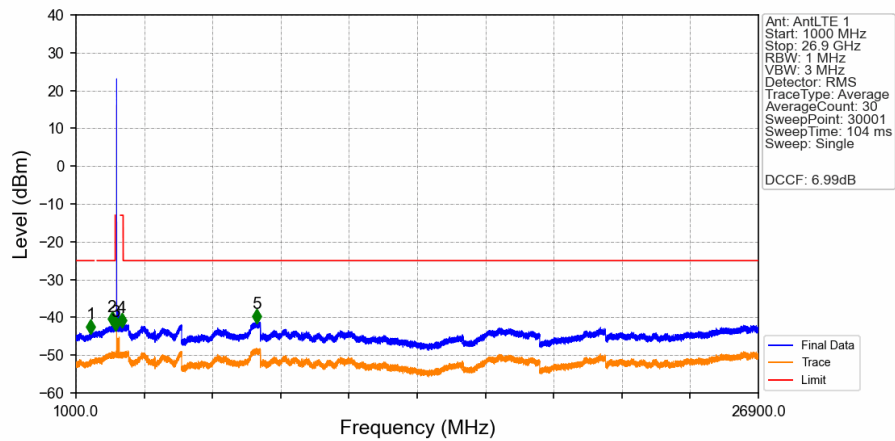
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





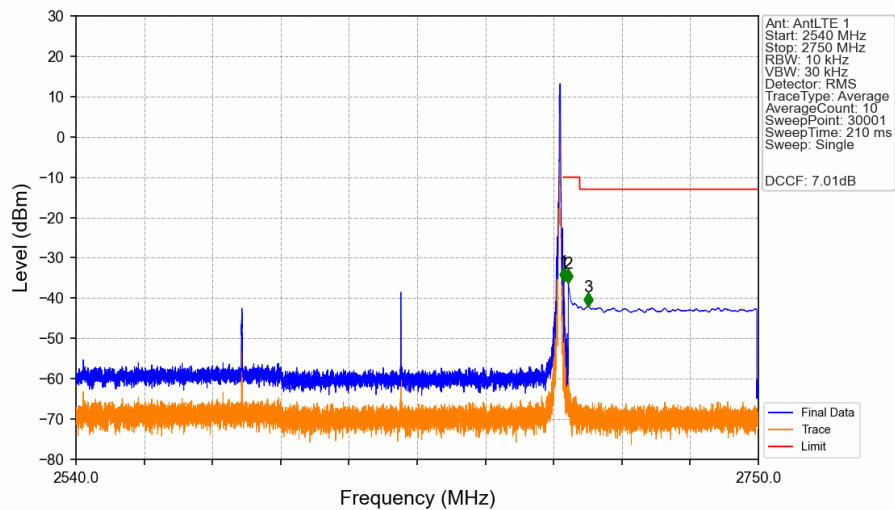
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2592.99MHz_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	2490.5	1	/	1	1558.577	-43.99	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2367.520	-42.01	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.30	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2739.617	-42.25	-13	Pass
2790	26900	1	/	5	7847.960	-41.20	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

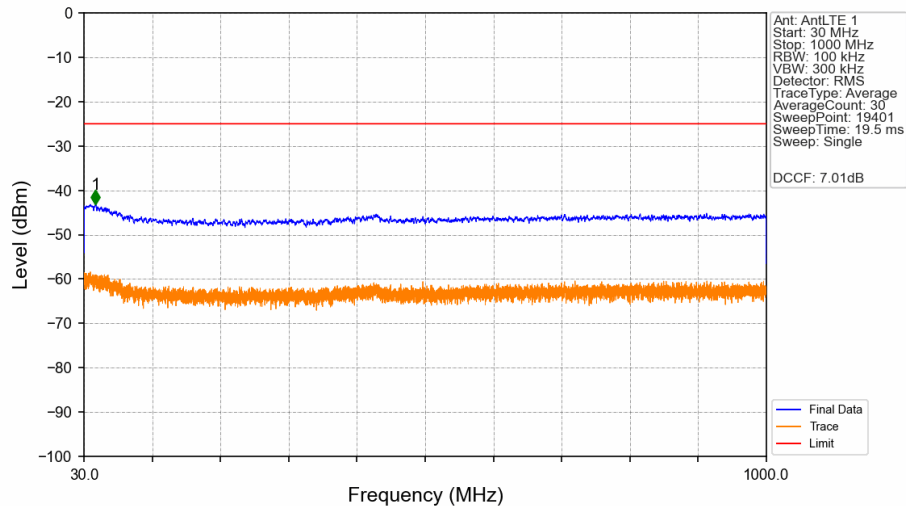


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.108	-35.80	-10	Pass
2691	2695	1	CHP	2	2691.501	-36.23	-10	Pass
2695	2750	1	CHP	3	2697.703	-42.01	-13	Pass

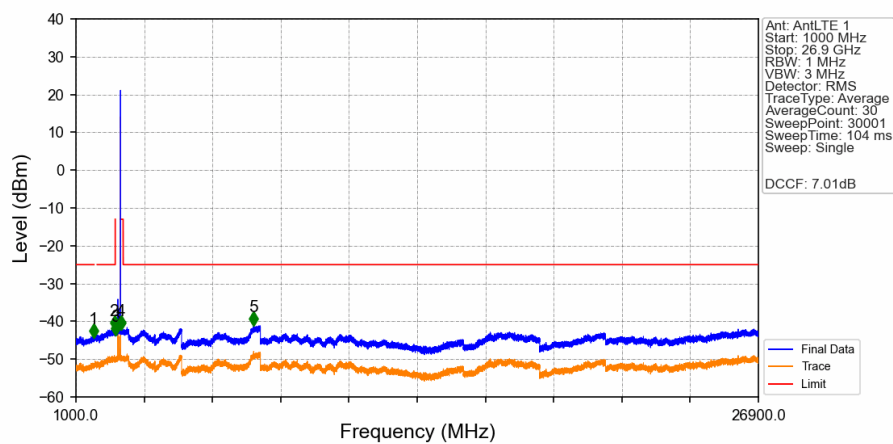


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1



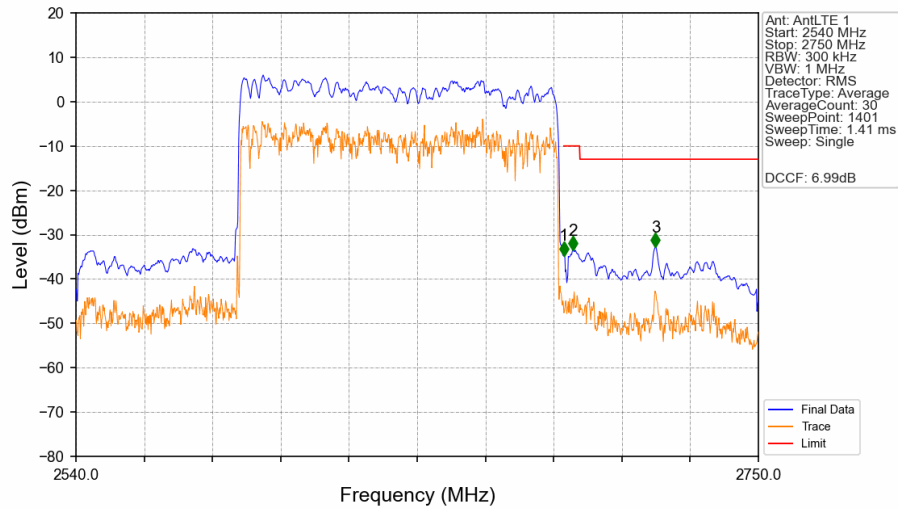
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1





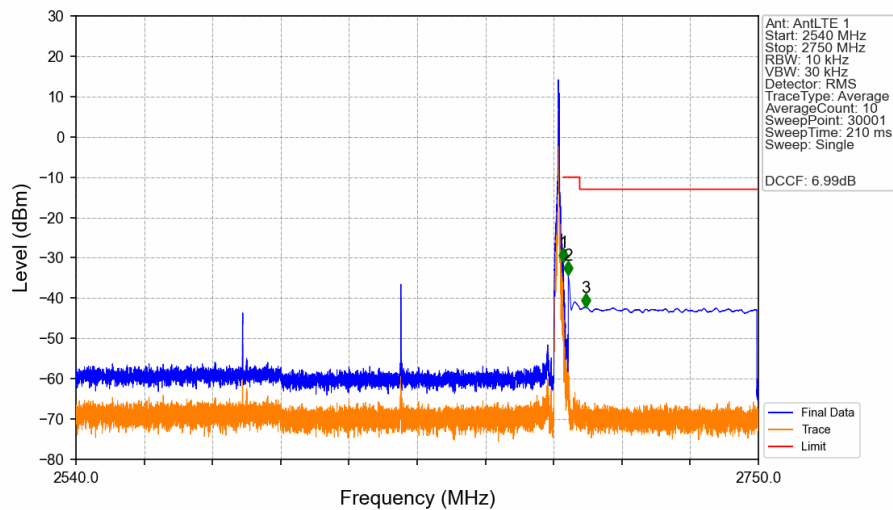
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.150	-34.68	-10	Pass
2691	2695	1	CHP	2	2693.000	-33.45	-10	Pass
2695	2750	1	CHP	3	2718.350	-32.72	-13	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Inner_1RB_Right_AntLTE 1

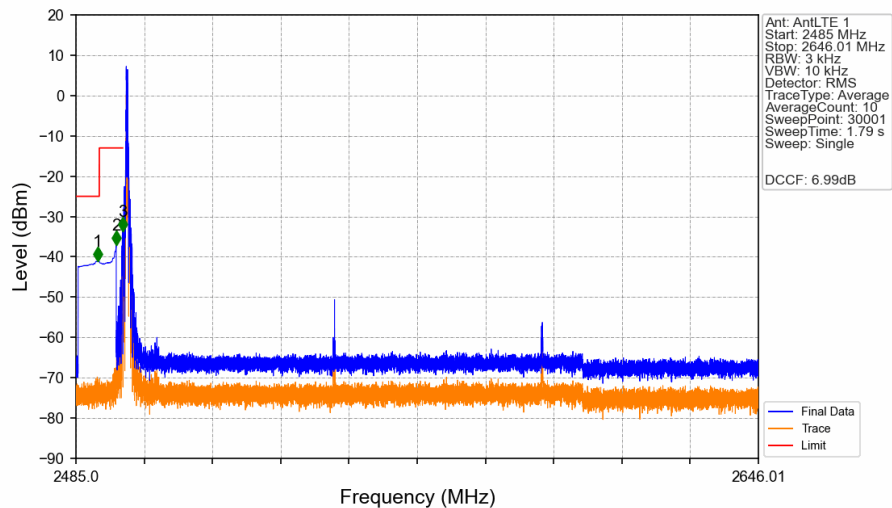


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.031	-31.14	-10	Pass
2691	2695	1	CHP	2	2691.501	-34.35	-10	Pass
2695	2750	1	CHP	3	2696.835	-42.18	-13	Pass



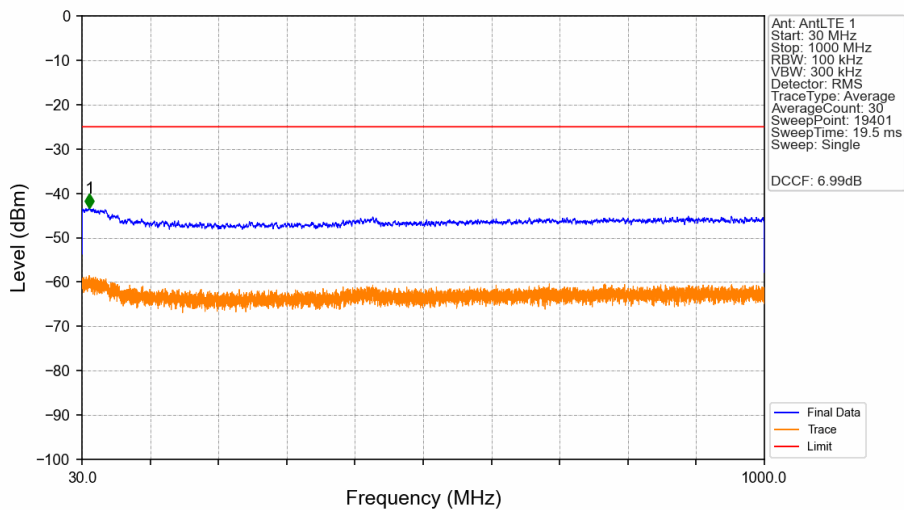
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_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
2485	2490.5	1	CHP	1	2490.099	-40.97	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-37.12	-13	Pass
2495	2496	0.005	CHP	3	2495.986	-33.66	-13	Pass
2496	2646.01	0.005	CHP	/	/	/	/	/

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

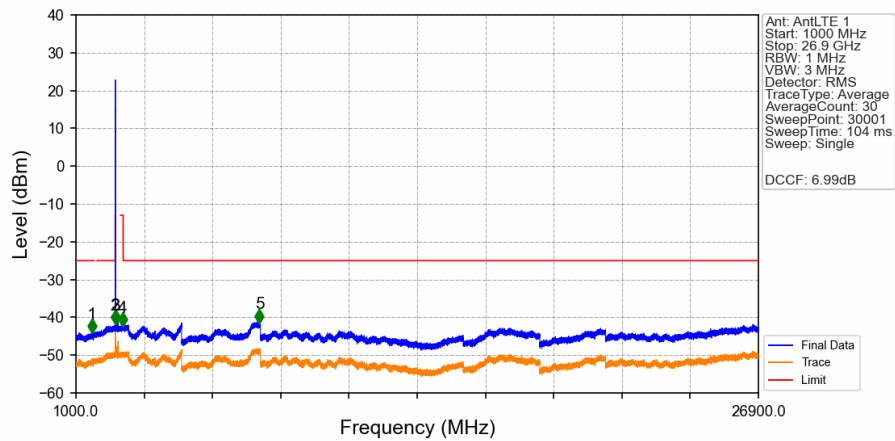


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	40.700	-43.34	-25	Pass



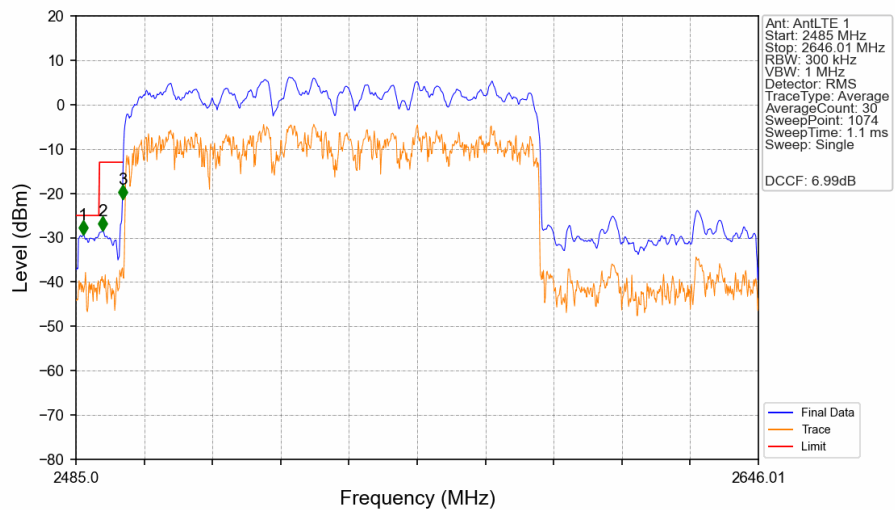
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_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	2490.5	1	/	1	1599.153	-43.84	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2489.250	-41.51	-25	Pass
2490.5	2495	1	/	3	2490.977	-41.46	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2775.013	-42.21	-13	Pass
2790	26900	1	/	5	7964.510	-41.20	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

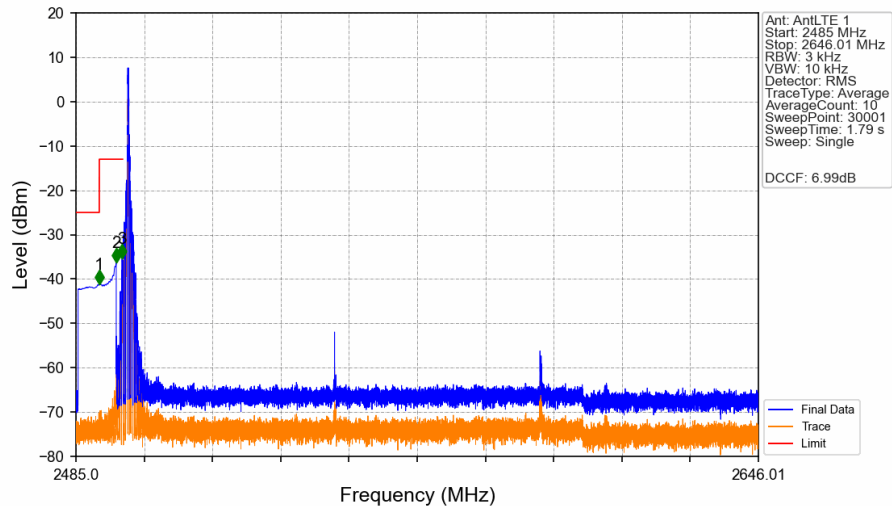


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.651	-29.27	-25	Pass
2490.5	2495	1	CHP	2	2491.302	-28.33	-13	Pass
2495	2496	1	CHP	3	2495.954	-21.32	-13	Pass
2496	2646.01	1	CHP	/	/	/	/	/



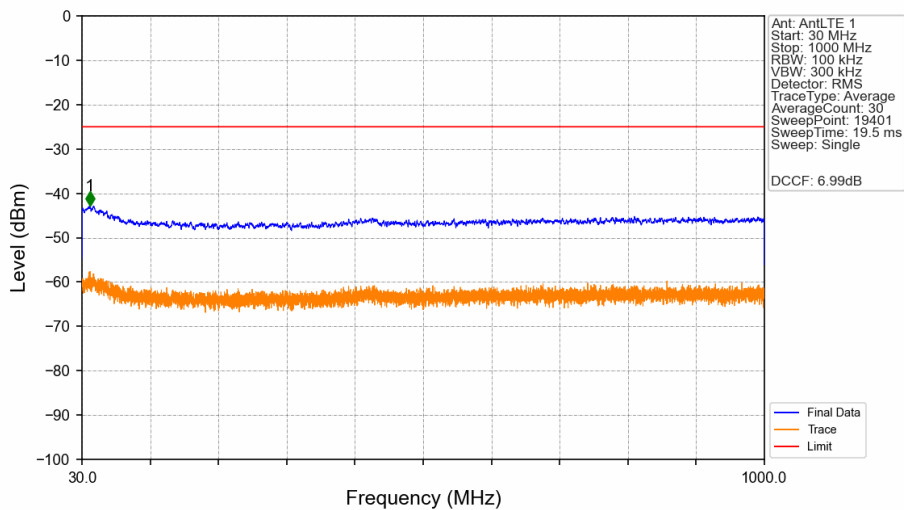
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_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
2485	2490.5	1	CHP	1	2490.496	-41.17	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-36.24	-13	Pass
2495	2496	0.005	CHP	3	2495.927	-35.37	-13	Pass
2496	2646.01	0.005	CHP	/	/	/	/	/

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1

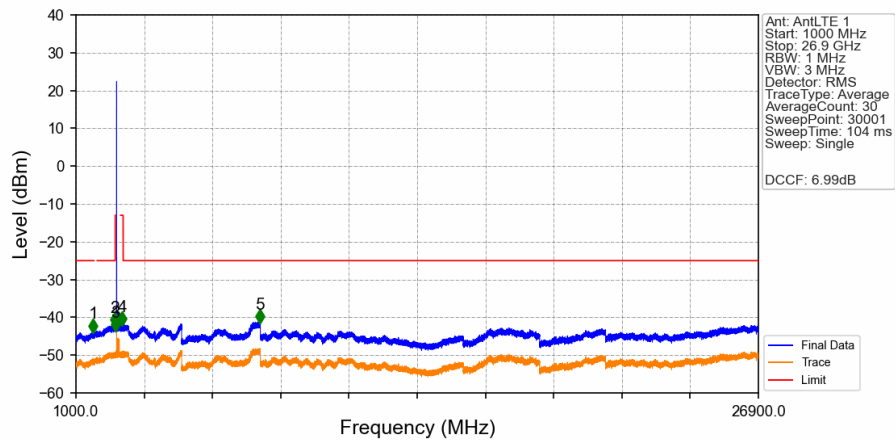


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	41.400	-42.81	-25	Pass



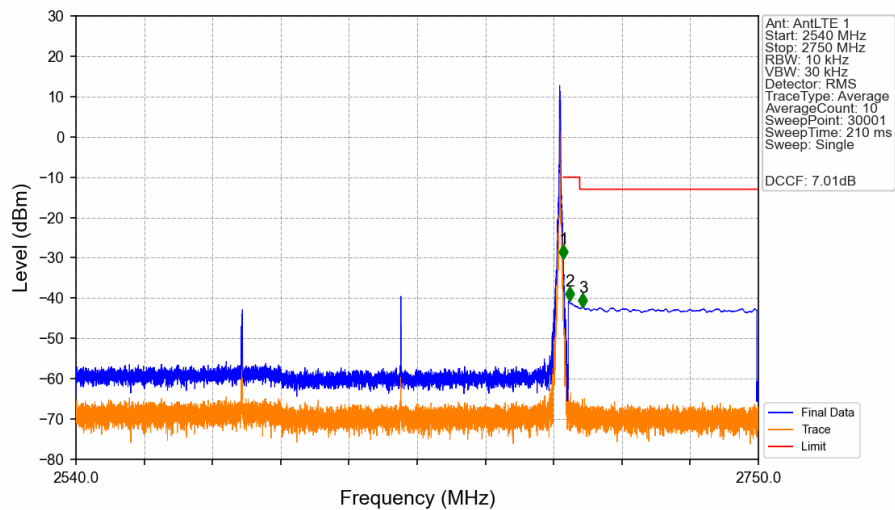
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_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	2490.5	1	/	1	1649.227	-43.79	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2477.163	-42.24	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.44	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2760.337	-41.93	-13	Pass
2790	26900	1	/	5	7988.683	-41.26	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

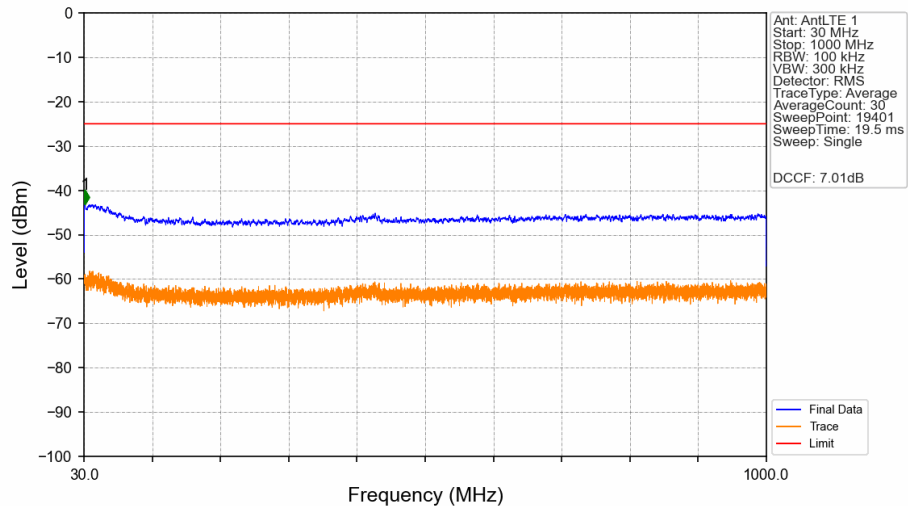


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.003	-30.26	-10	Pass
2691	2695	1	CHP	2	2691.844	-40.66	-10	Pass
2695	2750	1	CHP	3	2696.009	-42.28	-13	Pass



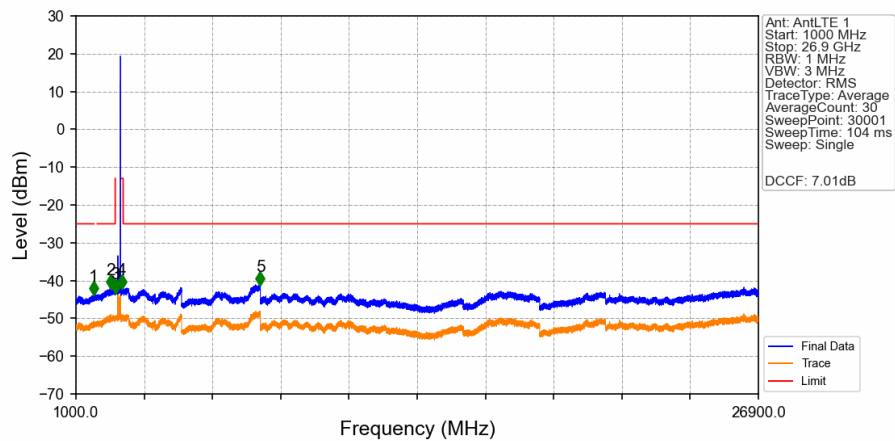
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2640MHz_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	1000	1	CHP	1	31.450	-43.04	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

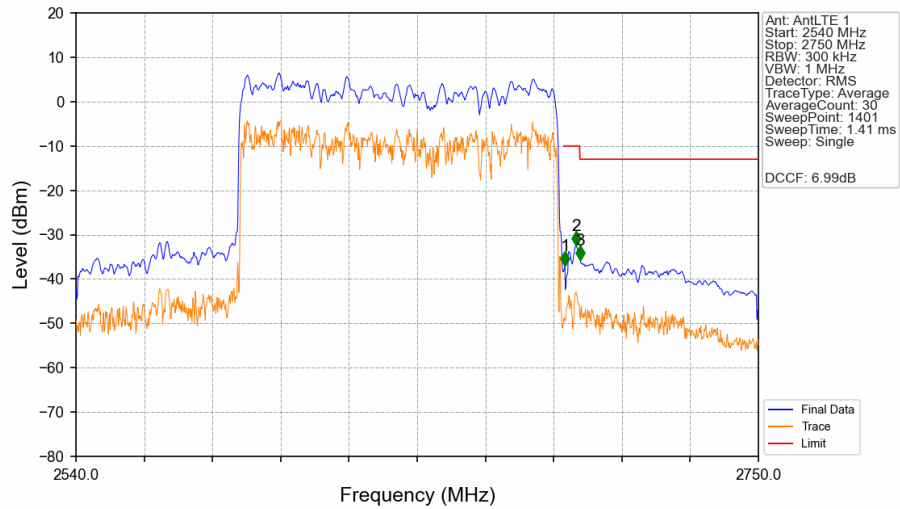


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1672.537	-43.68	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2323.490	-41.94	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.06	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2734.437	-41.94	-13	Pass
2790	26900	1	/	5	7993.000	-41.02	-25	Pass



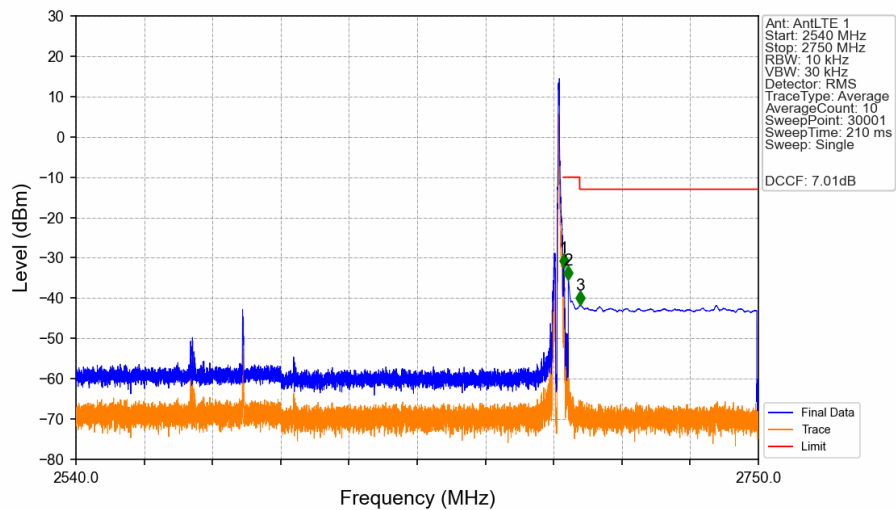
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.450	-36.91	-10	Pass
2691	2695	1	CHP	2	2693.900	-32.49	-10	Pass
2695	2750	1	CHP	3	2695.100	-35.70	-13	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Inner_1RB_Right AntLTE 1

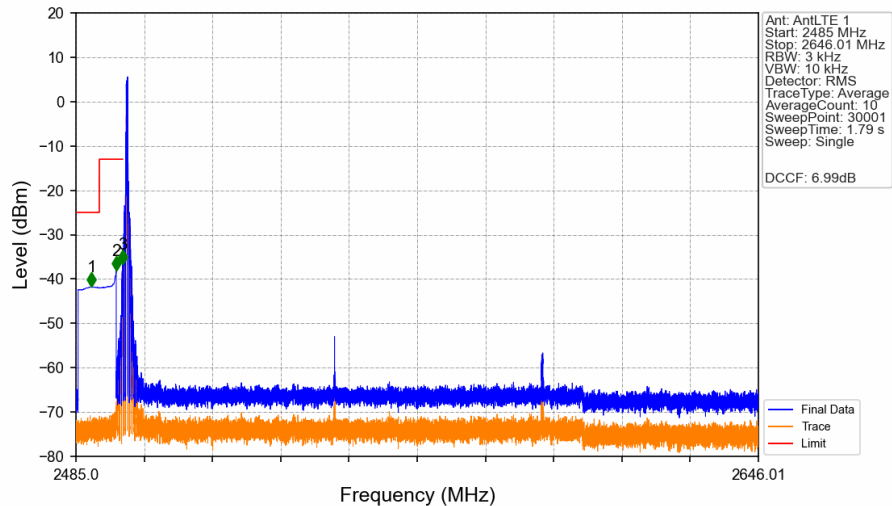


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.122	-32.46	-10	Pass
2691	2695	1	CHP	2	2691.501	-35.45	-10	Pass
2695	2750	1	CHP	3	2695.176	-41.74	-13	Pass

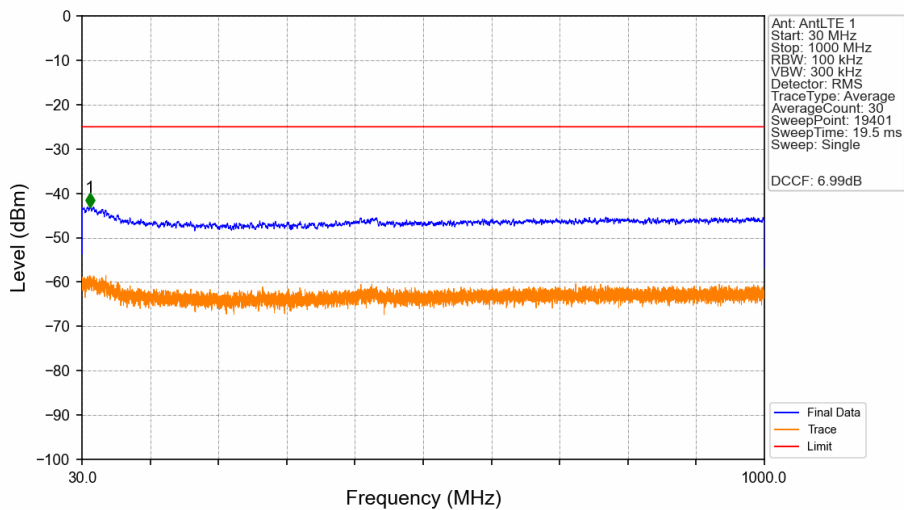


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



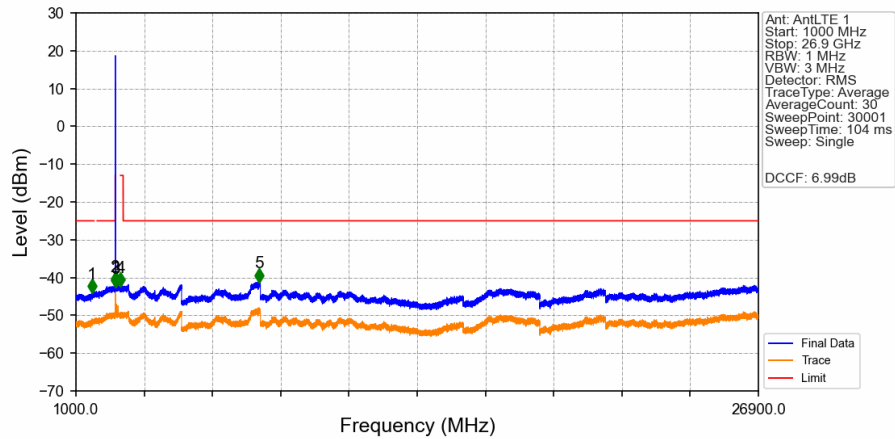
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





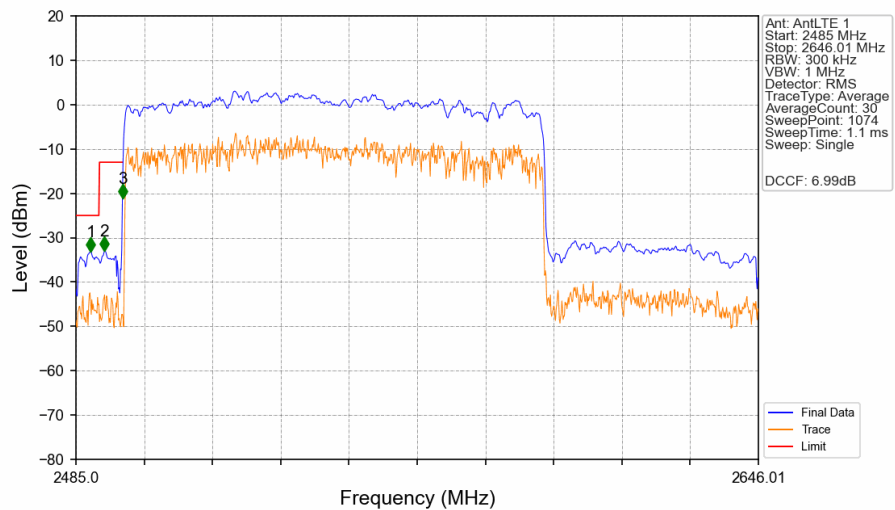
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_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	2490.5	1	/	1	1606.923	-43.90	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2486.660	-41.85	-25	Pass
2490.5	2495	1	/	3	2490.977	-42.35	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2698.177	-42.18	-13	Pass
2790	26900	1	/	5	7946.380	-40.92	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

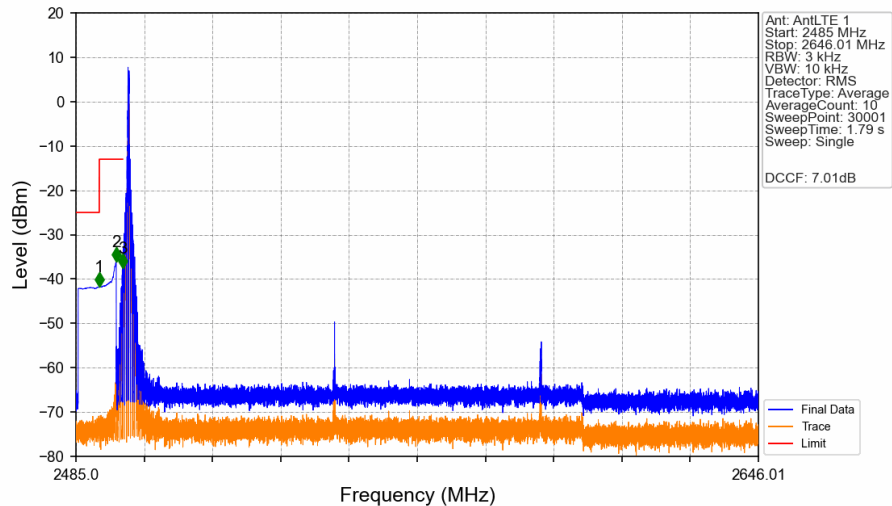


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.451	-33.05	-25	Pass
2490.5	2495	1	CHP	2	2491.753	-32.98	-13	Pass
2495	2496	1	CHP	3	2495.954	-21.12	-13	Pass
2496	2646.01	1	CHP	/	/	/	/	/

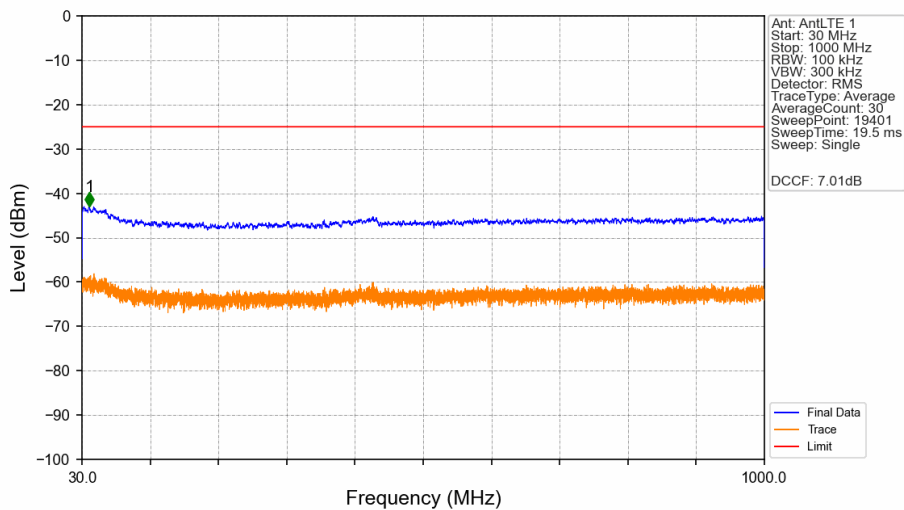


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2546.01MHz_LTE: 1RB_Left NR: Inner_1RB_Left_AntLTE 1



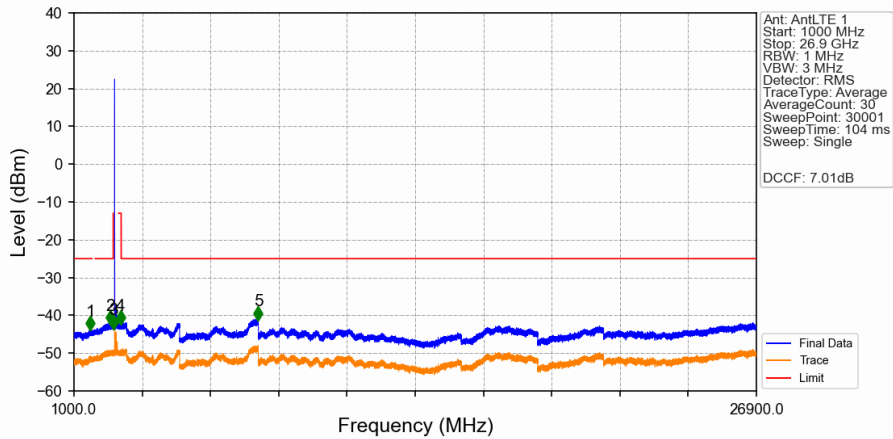
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1





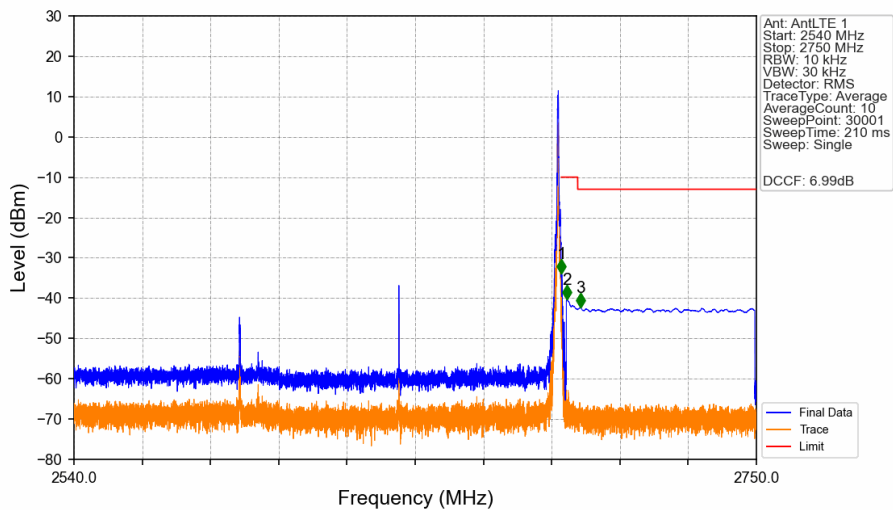
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2592.99MHz_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	2490.5	1	/	1	1614.693	-43.69	-25	Pass
2490.5	1805	1	/	/	/	/	/	/
1805	2490.5	1	/	2	2381.333	-42.14	-25	Pass
2490.5	2495	1	/	3	2490.977	-43.36	-13	Pass
2495	2695	1	/	/	/	/	/	/
2695	2790	1	/	4	2769.833	-42.11	-13	Pass
2790	26900	1	/	5	7994.727	-40.96	-25	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

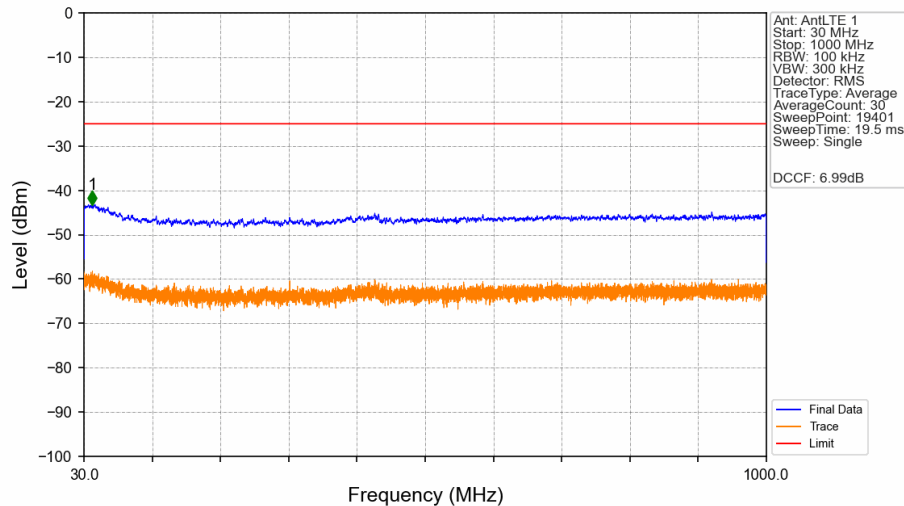


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.003	-33.85	-10	Pass
2691	2695	1	CHP	2	2691.739	-40.27	-10	Pass
2695	2750	1	CHP	3	2695.890	-42.36	-13	Pass

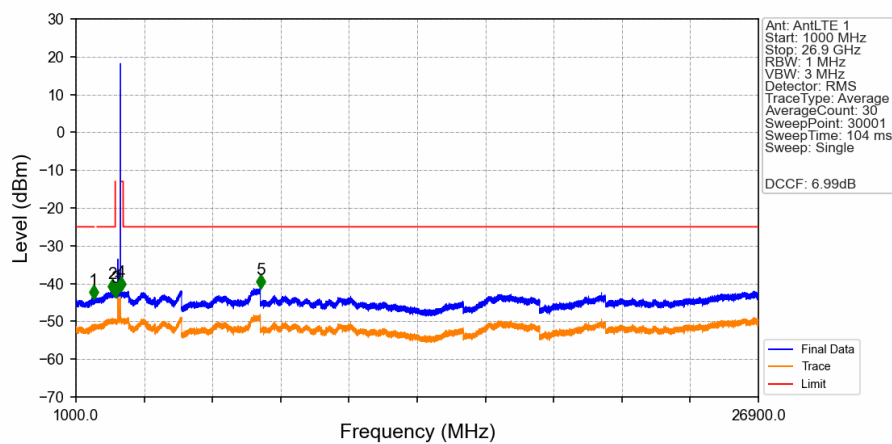


Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1



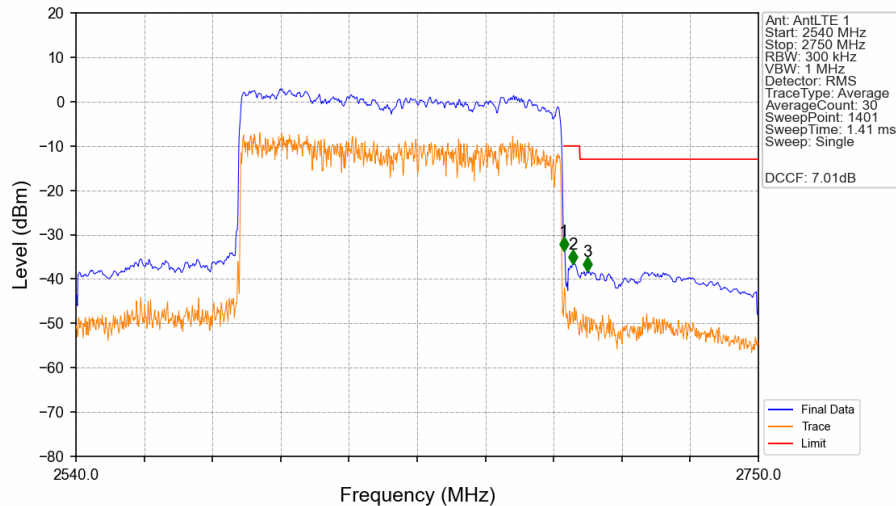
DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1





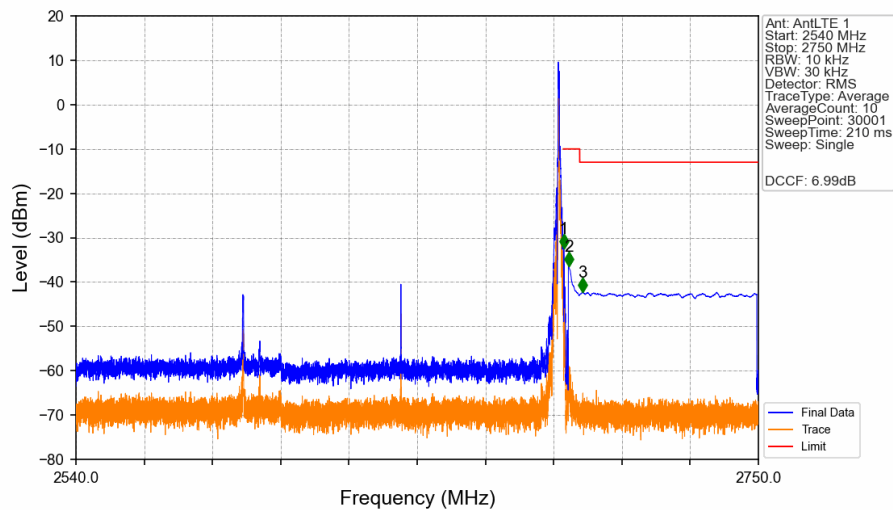
Test Report No.: RF260330B005

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2640MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.150	-33.64	-10	Pass
2691	2695	1	CHP	2	2692.850	-36.53	-10	Pass
2695	2750	1	CHP	3	2697.350	-38.27	-13	Pass

DC_66A_n41A_30kHz_SISO_NTNV_CC1:20 CC2:100MHz_LTE: QPSK NR: CP-OFDM
QPSK_CC1:1745 CC2:2640MHz_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
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.143	-32.43	-10	Pass
2691	2695	1	CHP	2	2691.676	-36.34	-10	Pass
2695	2750	1	CHP	3	2695.953	-42.32	-13	Pass



Test Report No.: RF260330B005

DC_13A_66A

1. Frequency Stability

1.1 TEST RESULT

1.1.1 15_S_5M

5G NR DC_13A_n66A SCS=15kHz SISO 5MHz CC1:13 CC2:n66									
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	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
					HV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
				-30	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
				-20	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
				-10	NV	2.40	0.0014	>=-2.5 & <=2.5	Pass
				0	NV	-1.20	-0.0007	>=-2.5 & <=2.5	Pass
				10	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				20	NV	-5.50	-0.0032	>=-2.5 & <=2.5	Pass
				30	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
				40	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
				50	NV	2.10	0.0012	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
					HV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
				-30	NV	-9.70	-0.0056	>=-2.5 & <=2.5	Pass
				-20	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
				-10	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
				0	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
				10	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
				20	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
				30	NV	1.50	0.0009	>=-2.5 & <=2.5	Pass



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				40	NV	-5.80	-0.0033	>=-2.5 & <=2.5	Pass
				50	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
					HV	-1.40	-0.0008	>=-2.5 & <=2.5	Pass
				-30	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
				-20	NV	1.50	0.0009	>=-2.5 & <=2.5	Pass
				-10	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
				0	NV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass
				10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
				20	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
				30	NV	-8.70	-0.0050	>=-2.5 & <=2.5	Pass
				40	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
				50	NV	-4.30	-0.0025	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-5.00	-0.0029	>=-2.5 & <=2.5						Pass
-30	NV	-7.50	-0.0043					>=-2.5 & <=2.5	Pass
-20	NV	-9.20	-0.0053					>=-2.5 & <=2.5	Pass
-10	NV	2927.30	1.6775					>=-2.5 & <=2.5	Pass
0	NV	-3.80	-0.0022					>=-2.5 & <=2.5	Pass
10	NV	-3.10	-0.0018					>=-2.5 & <=2.5	Pass
20	NV	-0.80	-0.0005					>=-2.5 & <=2.5	Pass
30	NV	-0.80	-0.0005					>=-2.5 & <=2.5	Pass
40	NV	-12.50	-0.0072					>=-2.5 & <=2.5	Pass
50	NV	-2.30	-0.0013					>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full					20	LV
				HV	-5.70	-0.0033	>=-2.5 & <=2.5		Pass
				-30	NV	-11.00	-0.0063	>=-2.5 & <=2.5	Pass
				-20	NV	-3.80	-0.0022	>=-2.5 & <=2.5	Pass

				-10	NV	-10.60	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				20	NV	5.40	0.0031	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-0.70	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	2.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
					HV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-5.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-2.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-8.20	-0.0047	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-0.70	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-8.30	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				30	NV	1.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass



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				50	NV	-8.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-9.40	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	0.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-8.90	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				30	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-10.00	-0.0057	≥ -2.5 & ≤ 2.5	Pass
					HV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				30	NV	3.40	0.0019	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-4.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass

1.1.2 15_S_10M

5G NR DC_13A_n66A SCS=15kHz SISO 10MHz CC1:13 CC2:n66									
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	/	CC1:782 CC2:1745	LTE: 1RB_Left	20	LV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass

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PI/2 BPSK			NR: Outer_Full		HV	-2.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-1.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	3.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-7.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.90	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-1.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass
					HV	-6.30	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-5.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-2.20	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-3.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				40	NV	3.90	0.0022	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.00	-0.0040	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-1.40	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass



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				20	NV	-6.10	-0.0035	>=-2.5 & <=2.5	Pass
				30	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
				40	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
				50	NV	-1.30	-0.0007	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.20	-0.0036	>=-2.5 & <=2.5	Pass
					HV	-7.70	-0.0044	>=-2.5 & <=2.5	Pass
				-30	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
				-20	NV	3.30	0.0019	>=-2.5 & <=2.5	Pass
				-10	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
				0	NV	-4.60	-0.0026	>=-2.5 & <=2.5	Pass
				10	NV	-12.10	-0.0069	>=-2.5 & <=2.5	Pass
				20	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
				30	NV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
				40	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
				50	NV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-8.40	-0.0048	>=-2.5 & <=2.5						Pass
-30	NV	-7.00	-0.0040					>=-2.5 & <=2.5	Pass
-20	NV	-3.90	-0.0022					>=-2.5 & <=2.5	Pass
-10	NV	-4.30	-0.0025					>=-2.5 & <=2.5	Pass
0	NV	-5.00	-0.0029					>=-2.5 & <=2.5	Pass
10	NV	-4.30	-0.0025					>=-2.5 & <=2.5	Pass
20	NV	1.80	0.0010					>=-2.5 & <=2.5	Pass
30	NV	-3.10	-0.0018					>=-2.5 & <=2.5	Pass
40	NV	-2.90	-0.0017					>=-2.5 & <=2.5	Pass
50	NV	-9.40	-0.0054					>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full					20	LV
				HV	-7.00	-0.0040	>=-2.5 & <=2.5		Pass

				-30	NV	-7.90	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-10.70	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-5.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-6.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
					HV	-0.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	2.20	0.0013	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	3.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-9.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				20	NV	3.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				40	NV	9.00	0.0052	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	4.90	0.0028	≥ -2.5 & ≤ 2.5	Pass
					HV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-10.70	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass

				30	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				40	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
					HV	-4.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-6.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				0	NV	6.70	0.0038	≥ -2.5 & ≤ 2.5	Pass
				10	NV	1.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-14.10	-0.0081	≥ -2.5 & ≤ 2.5	Pass

1.1.3 15_S_15M

5G NR DC_13A_n66A SCS=15kHz SISO 15MHz CC1:13 CC2:n66									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
					HV	-4.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-0.30	-0.0002	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.40	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-6.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass

				50	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
					HV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-8.10	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	8.40	0.0048	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-7.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-8.30	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				40	NV	1.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
					HV	4.40	0.0025	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-3.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-9.90	-0.0057	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-9.00	-0.0052	≥ -2.5 & ≤ 2.5	Pass
				30	NV	2.90	0.0017	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-1.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-14.10	-0.0081	≥ -2.5 & ≤ 2.5	Pass
					HV	-11.00	-0.0063	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-0.50	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.70	-0.0038	≥ -2.5 & ≤ 2.5	Pass



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				0	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
				10	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
				20	NV	-9.70	-0.0056	>=-2.5 & <=2.5	Pass
				30	NV	-1.50	-0.0009	>=-2.5 & <=2.5	Pass
				40	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
				50	NV	-8.80	-0.0050	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.40	-0.0042	>=-2.5 & <=2.5	Pass
					HV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				-30	NV	-8.00	-0.0046	>=-2.5 & <=2.5	Pass
				-20	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass
				-10	NV	-8.60	-0.0049	>=-2.5 & <=2.5	Pass
				0	NV	-5.40	-0.0031	>=-2.5 & <=2.5	Pass
				10	NV	2.60	0.0015	>=-2.5 & <=2.5	Pass
				20	NV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
				30	NV	-8.80	-0.0050	>=-2.5 & <=2.5	Pass
				40	NV	2.30	0.0013	>=-2.5 & <=2.5	Pass
				50	NV	1.70	0.0010	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-3.30	-0.0019	>=-2.5 & <=2.5						Pass
-30	NV	-8.00	-0.0046					>=-2.5 & <=2.5	Pass
-20	NV	-4.50	-0.0026					>=-2.5 & <=2.5	Pass
-10	NV	-2.10	-0.0012					>=-2.5 & <=2.5	Pass
0	NV	-4.30	-0.0025					>=-2.5 & <=2.5	Pass
10	NV	2.90	0.0017					>=-2.5 & <=2.5	Pass
20	NV	0.60	0.0003					>=-2.5 & <=2.5	Pass
30	NV	-1.40	-0.0008					>=-2.5 & <=2.5	Pass
40	NV	-8.20	-0.0047					>=-2.5 & <=2.5	Pass
50	NV	-7.60	-0.0044					>=-2.5 & <=2.5	Pass

LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	3.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
				20	HV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-7.30	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-3.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-3.90	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-5.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				50	NV	7.40	0.0042	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				20	HV	-9.20	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-7.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-9.50	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				40	NV	1.40	0.0008	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-8.10	-0.0046	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-0.50	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				20	HV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	5.80	0.0033	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass



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				10	NV	-3.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass

1.1.4 15_S_20M

5G NR DC_13A_n66A SCS=15kHz SISO 20MHz CC1:13 CC2:n66									
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	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-0.30	-0.0002	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-7.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				20	NV	3.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
				30	NV	1.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-7.10	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-2.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
					HV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	3.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-6.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				10	NV	0.20	0.0001	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-9.80	-0.0056	≥ -2.5 & ≤ 2.5	Pass



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				30	NV	-3.10	-0.0018	>=-2.5 & <=2.5	Pass
				40	NV	1.70	0.0010	>=-2.5 & <=2.5	Pass
				50	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
					HV	-4.70	-0.0027	>=-2.5 & <=2.5	Pass
				-30	NV	1.60	0.0009	>=-2.5 & <=2.5	Pass
				-20	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass
				-10	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				0	NV	-9.00	-0.0052	>=-2.5 & <=2.5	Pass
				10	NV	-3.90	-0.0022	>=-2.5 & <=2.5	Pass
				20	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
				30	NV	4.20	0.0024	>=-2.5 & <=2.5	Pass
				40	NV	-7.20	-0.0041	>=-2.5 & <=2.5	Pass
				50	NV	0.90	0.0005	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-4.90	-0.0028	>=-2.5 & <=2.5						Pass
-30	NV	-8.40	-0.0048					>=-2.5 & <=2.5	Pass
-20	NV	-4.20	-0.0024					>=-2.5 & <=2.5	Pass
-10	NV	-2.40	-0.0014					>=-2.5 & <=2.5	Pass
0	NV	-4.80	-0.0028					>=-2.5 & <=2.5	Pass
10	NV	-3.90	-0.0022					>=-2.5 & <=2.5	Pass
20	NV	-7.50	-0.0043					>=-2.5 & <=2.5	Pass
30	NV	-6.00	-0.0034					>=-2.5 & <=2.5	Pass
40	NV	-4.90	-0.0028					>=-2.5 & <=2.5	Pass
50	NV	-10.50	-0.0060					>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full					20	LV
				HV	-9.20	-0.0053	>=-2.5 & <=2.5		Pass
				-30	NV	0.80	0.0005	>=-2.5 & <=2.5	Pass

				-20	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				20	NV	3.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-11.10	-0.0064	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-7.50	-0.0043	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
					HV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-7.60	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	1.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	1.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
					HV	-6.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-7.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				10	NV	4.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass



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				40	NV	-8.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
					HV	-7.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-3.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-5.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				0	NV	2.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-8.70	-0.0050	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
					HV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-7.50	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-3.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				10	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				30	NV	1.40	0.0008	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-7.90	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-1.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass

1.1.5 15_S_25M

5G NR DC_13A_n66A SCS=15kHz SISO 25MHz CC1:13 CC2:n66									
Modulation	BW Combo Set	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
							Result	Limit	

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LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				20	HV	4.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-7.90	-0.0045	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	1.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-8.50	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				40	NV	2.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-8.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				20	HV	1.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	1.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	3.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
				0	NV	5.60	0.0032	≥ -2.5 & ≤ 2.5	Pass
				10	NV	5.70	0.0033	≥ -2.5 & ≤ 2.5	Pass
				20	NV	2.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
				30	NV	3.60	0.0021	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-5.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-9.30	-0.0053	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				20	HV	-2.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-7.60	-0.0044	≥ -2.5 & ≤ 2.5	Pass



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				10	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
					HV	-5.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	5.10	0.0029	≥ -2.5 & ≤ 2.5	Pass
				0	NV	3.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-9.20	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-5.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				50	NV	3.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
					HV	1.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-9.50	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.30	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.20	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.20	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM	/	CC1:782 CC2:1745	LTE: 1RB_Left	20	LV	-5.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass

QPSK			NR: Outer_Full		HV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	2.30	0.0013	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-6.40	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-0.50	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				30	NV	1.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
					HV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-5.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				20	NV	4.50	0.0026	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-8.50	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
					HV	-5.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				0	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass



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				20	NV	-10.60	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-3.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.00	-0.0052	≥ -2.5 & ≤ 2.5	Pass
					HV	-2.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-2.20	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-4.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				20	NV	1.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass

1.1.6 15_S_30M

5G NR DC_13A_n66A SCS=15kHz SISO 30MHz CC1:13 CC2:n66									
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	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	6.50	0.0037	≥ -2.5 & ≤ 2.5	Pass
					HV	-3.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	3.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	0.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-7.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass

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LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	40	NV	-9.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				50	NV	1.40	0.0008	≥ -2.5 & ≤ 2.5	Pass
				20	LV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
					HV	-6.20	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				0	NV	1.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-6.70	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				40	NV	1.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.40	-0.0054	≥ -2.5 & ≤ 2.5	Pass
					HV	-6.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-1.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.90	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-3.40	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-6.70	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-6.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				50	NV	3.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-0.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
					HV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.70	-0.0038	≥ -2.5 & ≤ 2.5	Pass

				-10	NV	2.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-0.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.00	-0.0040	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-3.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-4.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
					HV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-2.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	2.90	0.0017	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-6.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				20	NV	4.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-6.90	-0.0040	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-1.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-3.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
					HV	-0.60	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-2.80	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-4.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-8.80	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-6.00	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass



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				50	NV	-4.50	-0.0026	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-4.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
					HV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-0.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-10.20	-0.0058	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-5.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-1.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-2.20	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
					HV	-14.60	-0.0084	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-13.00	-0.0074	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-3.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-4.20	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-9.20	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				10	NV	0.60	0.0003	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-6.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-6.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-12.10	-0.0069	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.20	-0.0070	≥ -2.5 & ≤ 2.5	Pass
					HV	6.20	0.0036	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-9.30	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	3.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass



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				0	NV	-8.70	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-15.60	-0.0089	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-17.90	-0.0103	≥ -2.5 & ≤ 2.5	Pass

1.1.7 15_S_40M

5G NR DC_13A_n66A SCS=15kHz SISO 40MHz CC1:13 CC2:n66									
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	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
					HV	-2.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-10.90	-0.0062	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-15.70	-0.0090	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	2.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
				0	NV	6.30	0.0036	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-9.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				30	NV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-12.10	-0.0069	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-8.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-5.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
					HV	-13.10	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-5.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-10.00	-0.0057	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	3.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-1.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-9.60	-0.0055	≥ -2.5 & ≤ 2.5	Pass

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				20	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
				30	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				40	NV	-2.30	-0.0013	>=-2.5 & <=2.5	Pass
				50	NV	-7.80	-0.0045	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.10	-0.0041	>=-2.5 & <=2.5	Pass
					HV	-10.30	-0.0059	>=-2.5 & <=2.5	Pass
				-30	NV	-0.60	-0.0003	>=-2.5 & <=2.5	Pass
				-20	NV	-4.10	-0.0023	>=-2.5 & <=2.5	Pass
				-10	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
				0	NV	-9.60	-0.0055	>=-2.5 & <=2.5	Pass
				10	NV	-6.70	-0.0038	>=-2.5 & <=2.5	Pass
				20	NV	-9.30	-0.0053	>=-2.5 & <=2.5	Pass
				30	NV	-10.90	-0.0062	>=-2.5 & <=2.5	Pass
				40	NV	-7.50	-0.0043	>=-2.5 & <=2.5	Pass
				50	NV	3.60	0.0021	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-4.30	-0.0025	>=-2.5 & <=2.5						Pass
-30	NV	-6.20	-0.0036					>=-2.5 & <=2.5	Pass
-20	NV	-1.70	-0.0010					>=-2.5 & <=2.5	Pass
-10	NV	-8.10	-0.0046					>=-2.5 & <=2.5	Pass
0	NV	-2.80	-0.0016					>=-2.5 & <=2.5	Pass
10	NV	-4.50	-0.0026					>=-2.5 & <=2.5	Pass
20	NV	-5.20	-0.0030					>=-2.5 & <=2.5	Pass
30	NV	3.50	0.0020					>=-2.5 & <=2.5	Pass
40	NV	-5.20	-0.0030					>=-2.5 & <=2.5	Pass
50	NV	-13.90	-0.0080					>=-2.5 & <=2.5	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full					20	LV
				HV	-9.50	-0.0054	>=-2.5 & <=2.5		Pass



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				-30	NV	-9.40	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-6.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-10.80	-0.0062	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-2.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-8.80	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-6.40	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-11.10	-0.0064	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-13.70	-0.0079	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-9.70	-0.0056	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.60	-0.0044	≥ -2.5 & ≤ 2.5	Pass
					HV	2.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-4.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-2.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-15.00	-0.0086	≥ -2.5 & ≤ 2.5	Pass
				0	NV	0.50	0.0003	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-15.30	-0.0088	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-4.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-8.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-12.70	-0.0073	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-7.80	-0.0045	≥ -2.5 & ≤ 2.5	Pass
					HV	-9.60	-0.0055	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	1.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-5.60	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-2.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-8.80	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-7.70	-0.0044	≥ -2.5 & ≤ 2.5	Pass



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				30	NV	-5.30	-0.0030	>=-2.5 & <=2.5	Pass
				40	NV	-9.40	-0.0054	>=-2.5 & <=2.5	Pass
				50	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
					HV	-8.40	-0.0048	>=-2.5 & <=2.5	Pass
				-30	NV	-3.40	-0.0019	>=-2.5 & <=2.5	Pass
				-20	NV	-5.20	-0.0030	>=-2.5 & <=2.5	Pass
				-10	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
				0	NV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
				10	NV	-4.80	-0.0028	>=-2.5 & <=2.5	Pass
				20	NV	-5.10	-0.0029	>=-2.5 & <=2.5	Pass
				30	NV	-9.30	-0.0053	>=-2.5 & <=2.5	Pass
				40	NV	-10.70	-0.0061	>=-2.5 & <=2.5	Pass
				50	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
				LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	20	LV
HV	-4.90	-0.0028	>=-2.5 & <=2.5						Pass
-30	NV	-2.50	-0.0014					>=-2.5 & <=2.5	Pass
-20	NV	-5.30	-0.0030					>=-2.5 & <=2.5	Pass
-10	NV	-6.20	-0.0036					>=-2.5 & <=2.5	Pass
0	NV	-1.10	-0.0006					>=-2.5 & <=2.5	Pass
10	NV	5.40	0.0031					>=-2.5 & <=2.5	Pass
20	NV	-5.10	-0.0029					>=-2.5 & <=2.5	Pass
30	NV	-1.60	-0.0009					>=-2.5 & <=2.5	Pass
40	NV	-1.50	-0.0009					>=-2.5 & <=2.5	Pass
50	NV	-2.10	-0.0012					>=-2.5 & <=2.5	Pass



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2. 99% & 26dB Bandwidth

2.1 TEST RESULT

2.1.1 15_S_5M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 5MHz NTN							
CC1:13 CC2:n66							
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	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.52	5.31	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.52	5.31	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.52	5.33	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.20	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.49	5.20	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.49	5.16	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.18	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.53	5.19	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.18	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.51	5.16	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.52	5.10	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.52	5.16	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.51	5.24	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.51	5.23	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.50	5.23	/	Pass

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LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.55	5.34	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.55	5.38	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.33	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.30	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.52	5.27	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.54	5.36	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.57	5.27	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.56	5.28	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.56	5.28	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1712.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.31	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	4.53	5.30	/	Pass
		CC1:782 CC2:1777.5	LTE: 1RB_Left NR: Outer_Full	4.53	5.32	/	Pass

2.1.2 15_S_10M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 10MHz NTN							
CC1:13 CC2:n66							
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	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	8.99	9.66	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	8.98	9.64	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	8.99	9.67	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.01	9.86	/	Pass



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		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	8.99	9.75	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	9.03	9.87	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.02	9.75	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	9.00	9.78	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	9.01	9.80	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	8.98	9.76	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	8.98	9.80	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	8.99	9.77	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.00	9.92	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	9.00	9.72	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	8.99	9.83	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.31	10.33	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	9.31	10.20	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	9.32	10.28	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.32	10.31	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	9.34	10.23	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	9.32	10.26	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.30	10.11	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	9.32	10.17	/	Pass

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		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	9.30	10.14	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1715	LTE: 1RB_Left NR: Outer_Full	9.33	10.10	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	9.36	10.22	/	Pass
		CC1:782 CC2:1775	LTE: 1RB_Left NR: Outer_Full	9.34	10.25	/	Pass

2.1.3 15_S_15M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 15MHz NTN CC1:13 CC2:n66							
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	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	13.51	14.46	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	13.49	14.61	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	13.51	14.59	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	13.52	14.50	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	13.50	14.61	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	13.50	14.53	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	13.54	14.53	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	13.45	14.56	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	13.46	14.53	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	13.47	14.62	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	13.47	14.52	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	13.47	14.58	/	Pass



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LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	13.52	14.50	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	13.52	14.53	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	13.48	14.59	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	14.18	15.29	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	14.14	15.29	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	14.16	15.19	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	14.17	15.37	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	14.19	15.31	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	14.18	15.21	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	14.21	15.20	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	14.22	15.18	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	14.22	15.30	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1717.5	LTE: 1RB_Left NR: Outer_Full	14.15	15.26	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	14.13	15.32	/	Pass
		CC1:782 CC2:1772.5	LTE: 1RB_Left NR: Outer_Full	14.20	15.18	/	Pass

2.1.4 15_S_20M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 20MHz NTN CC1:13 CC2:n66							
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	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	17.98	19.20	/	Pass



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		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	17.96	19.34	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	17.97	19.37	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	17.98	19.26	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	17.99	19.24	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	17.99	19.27	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	18.04	19.33	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	17.98	19.19	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	18.00	19.33	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	18.02	19.34	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	17.95	19.24	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	17.98	19.26	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	18.00	19.28	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	17.94	19.24	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	17.96	19.25	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	19.04	20.40	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	19.00	20.45	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	19.01	20.47	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	19.05	20.48	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	19.03	20.37	/	Pass

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		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	19.02	20.41	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	19.08	20.41	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	19.01	20.34	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	19.08	20.32	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1720	LTE: 1RB_Left NR: Outer_Full	19.16	20.46	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	19.03	20.61	/	Pass
		CC1:782 CC2:1770	LTE: 1RB_Left NR: Outer_Full	19.08	20.43	/	Pass

2.1.5 15_S_25M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 25MHz NTN							
CC1:13 CC2:n66							
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	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.01	24.35	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	22.96	24.35	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	22.98	24.29	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.03	24.48	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	23.06	24.26	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	22.97	24.41	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.07	24.34	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	22.99	24.26	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	23.01	24.30	/	Pass



Test Report No.: RF260330B005

LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	22.99	24.24	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	22.95	24.30	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	22.95	24.20	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.01	24.31	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	22.97	24.36	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	23.03	24.23	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.84	25.17	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	23.81	25.24	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	23.79	25.17	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.88	25.25	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	23.81	25.29	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	23.84	25.23	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.90	25.11	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	23.80	25.24	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	23.86	25.17	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1722.5	LTE: 1RB_Left NR: Outer_Full	23.86	25.27	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	23.83	25.10	/	Pass
		CC1:782 CC2:1767.5	LTE: 1RB_Left NR: Outer_Full	23.87	25.21	/	Pass



Test Report No.: RF260330B005

2.1.6 15_S_30M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 30MHz NTN							
CC1:13 CC2:n66							
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	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	29.18	31.33	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	29.00	31.15	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	29.16	31.51	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	29.07	32.28	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.96	32.00	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	29.06	32.03	/	Pass
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	29.06	31.17	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.88	31.06	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.98	31.14	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	28.99	31.38	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.84	31.66	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.93	31.18	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	28.94	31.14	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.83	31.70	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.92	32.48	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	28.99	32.33	/	Pass
		CC1:782	LTE: 1RB_Left	28.83	31.14	/	Pass

		CC2:1745	NR: Outer_Full				
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.90	31.42	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	29.01	32.77	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.85	31.63	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.94	31.93	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	28.97	31.62	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.83	31.17	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.91	31.31	/	Pass
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1725	LTE: 1RB_Left NR: Outer_Full	28.94	31.13	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	28.76	31.07	/	Pass
		CC1:782 CC2:1765	LTE: 1RB_Left NR: Outer_Full	28.88	31.24	/	Pass

2.1.7 15_S_40M_NTNV

5G NR DC_13A_n66A SCS=15kHz SISO 40MHz NTN CC1:13 CC2:n66							
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	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.80	41.21	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.71	41.12	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.81	41.55	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	39.04	41.34	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.89	41.33	/	Pass
		CC1:782	LTE: 1RB_Left	39.02	41.71	/	Pass



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		CC2:1760	NR: Outer_Full				
LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.81	41.23	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.75	41.31	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.88	41.32	/	Pass
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.80	41.06	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.70	41.07	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.82	41.12	/	Pass
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.89	41.25	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.81	41.18	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.90	41.48	/	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.86	41.29	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.76	41.38	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.89	41.33	/	Pass
LTE: QPSK NR: CP-OFDM 16 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.80	41.54	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.68	41.18	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.90	41.45	/	Pass
LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.92	41.26	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.94	41.30	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.97	41.23	/	Pass



Test Report No.: RF260330B005

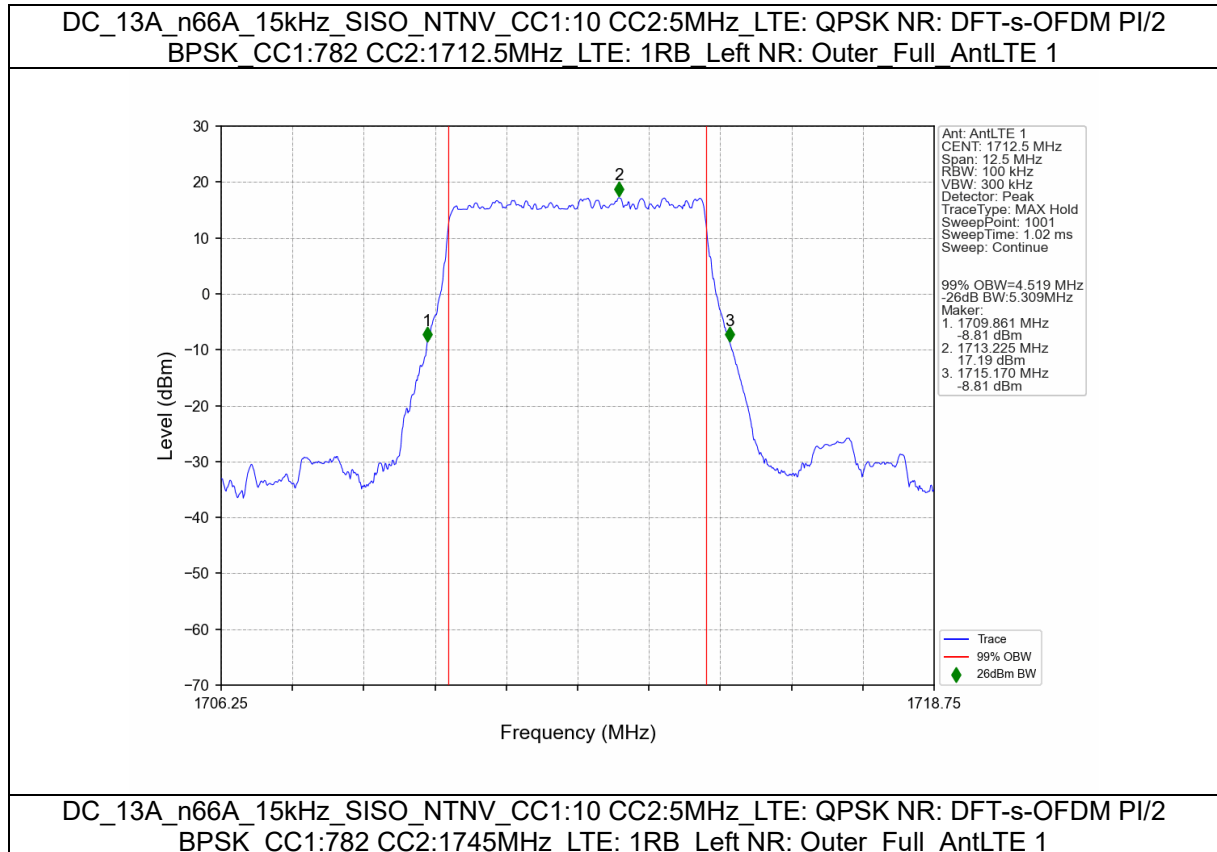
LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:782 CC2:1730	LTE: 1RB_Left NR: Outer_Full	38.79	41.32	/	Pass
		CC1:782 CC2:1745	LTE: 1RB_Left NR: Outer_Full	38.73	41.14	/	Pass
		CC1:782 CC2:1760	LTE: 1RB_Left NR: Outer_Full	38.84	41.26	/	Pass



Test Report No.: RF260330B005

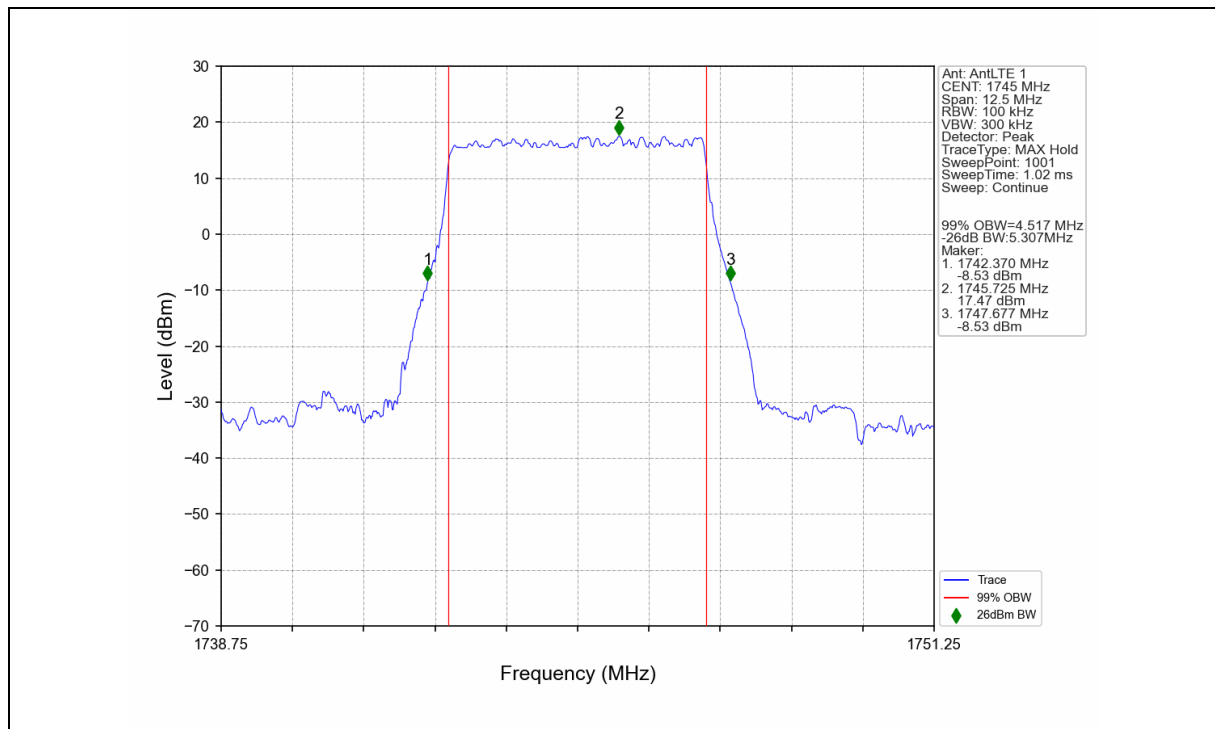
2.2 TEST GRAPH

2.2.1 15_S_5M_NTNV





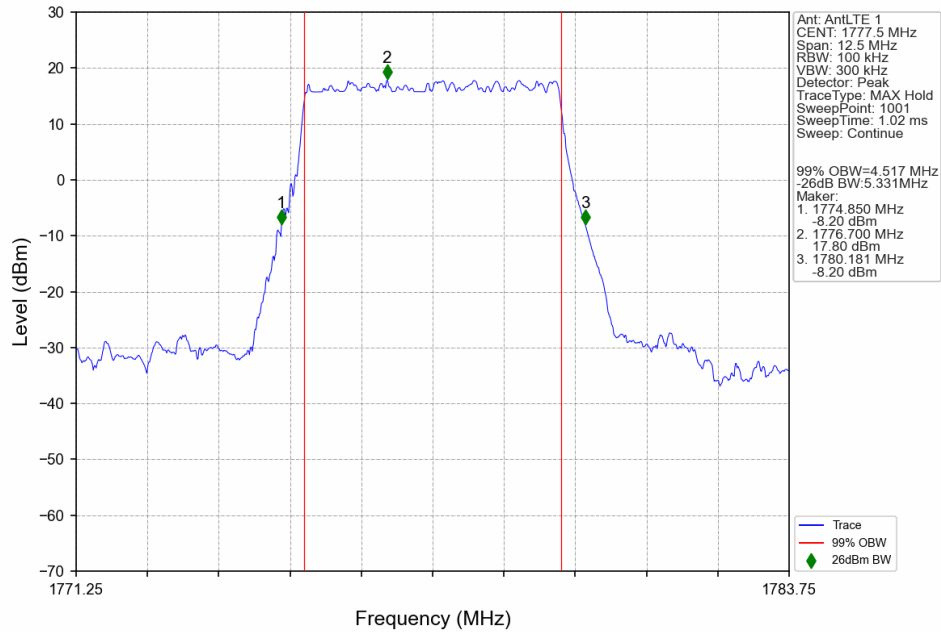
Test Report No.: RF260330B005



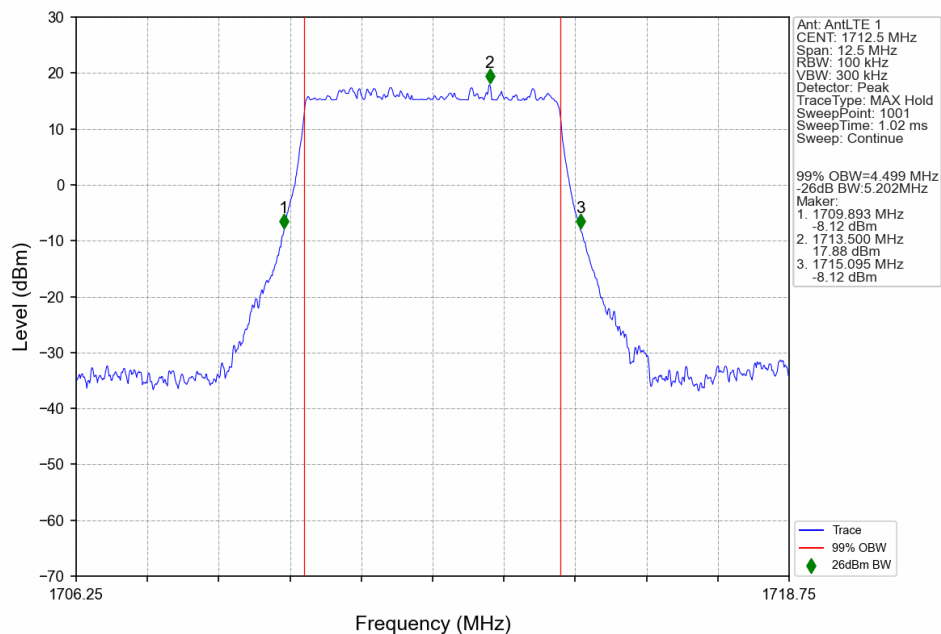


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



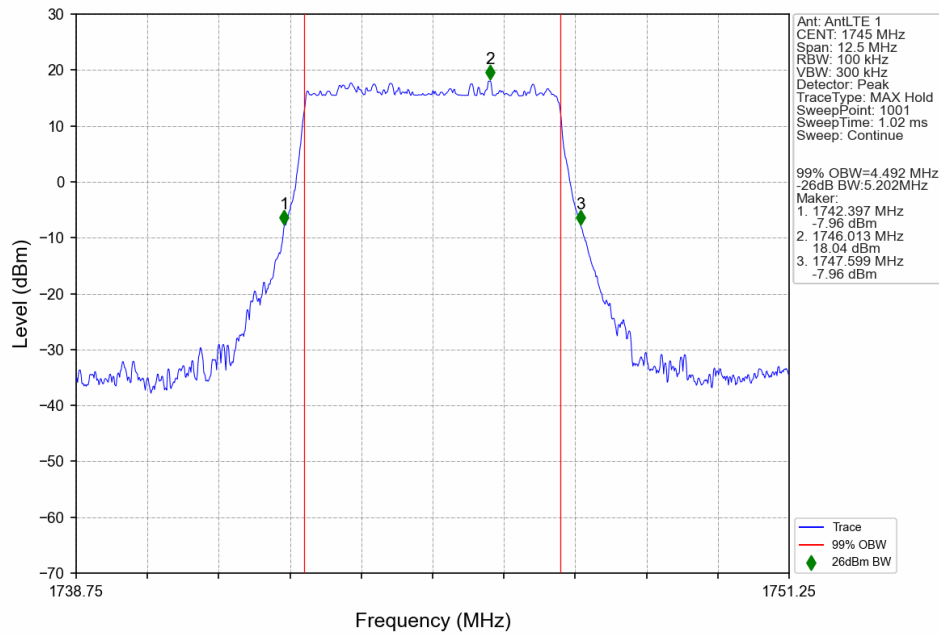
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:782 CC2:1712.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



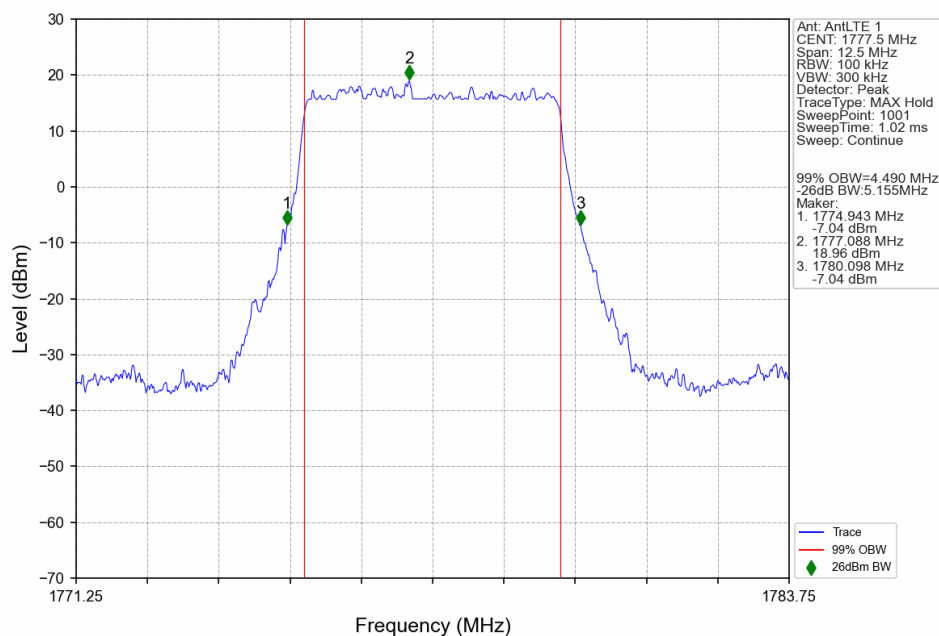


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



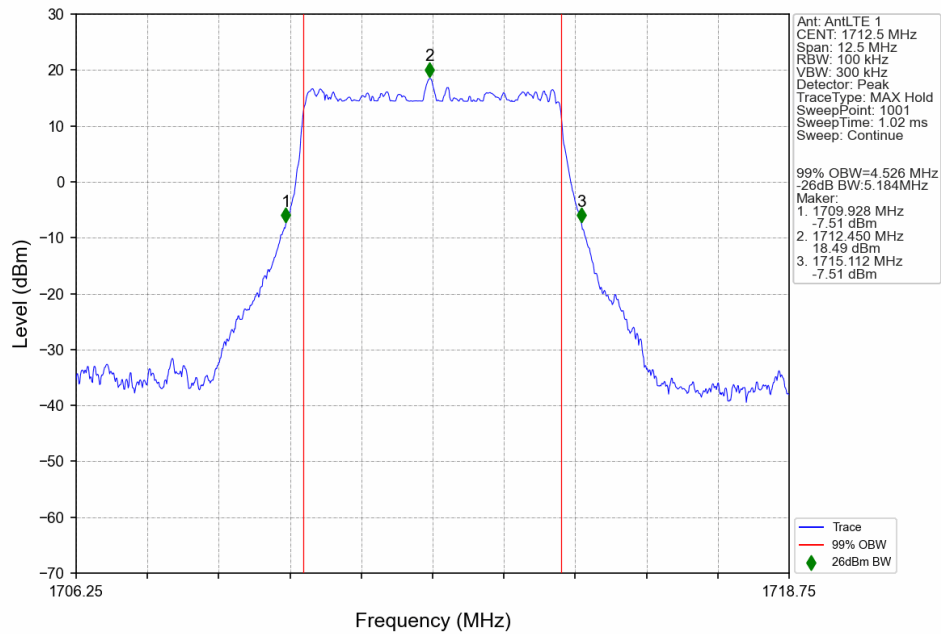
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM
QPSK_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



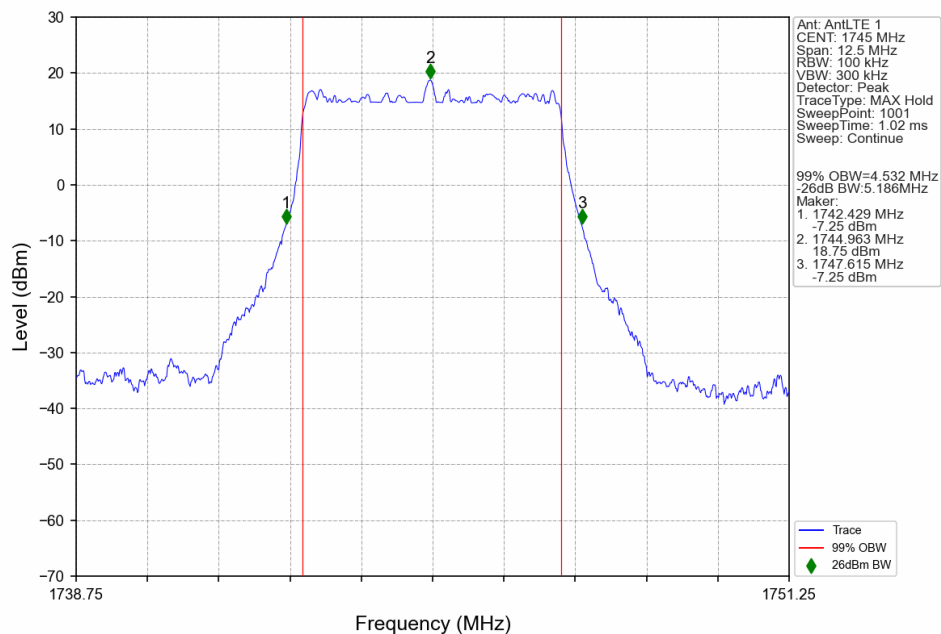


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 16
QAM_CC1:782 CC2:1712.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



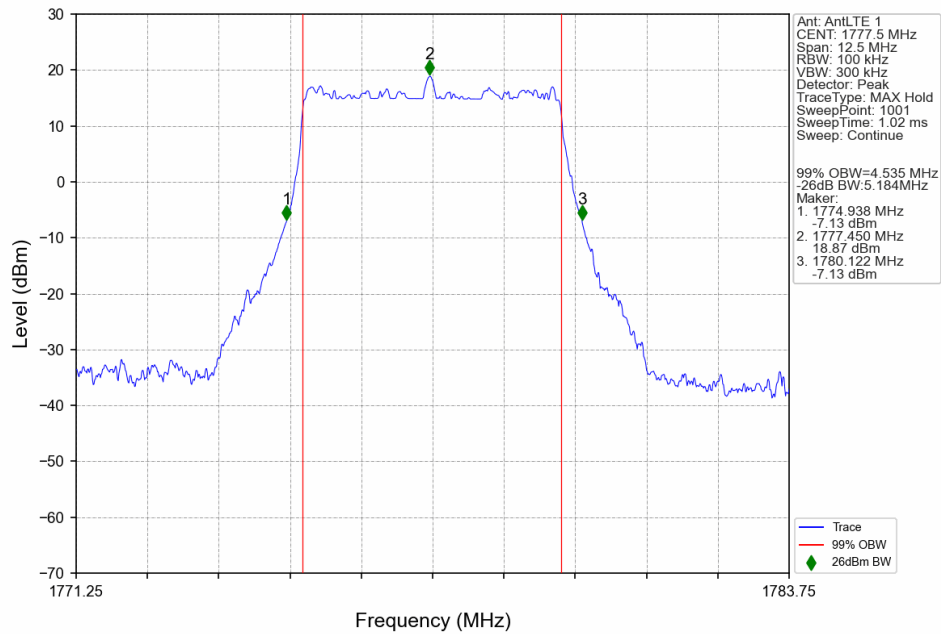
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QAM_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



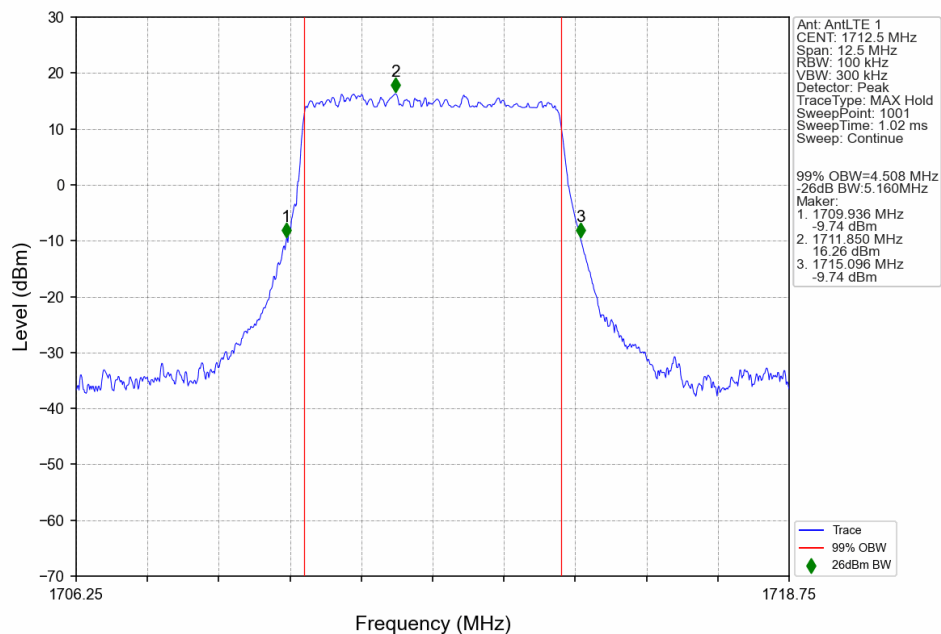


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 16
QAM_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



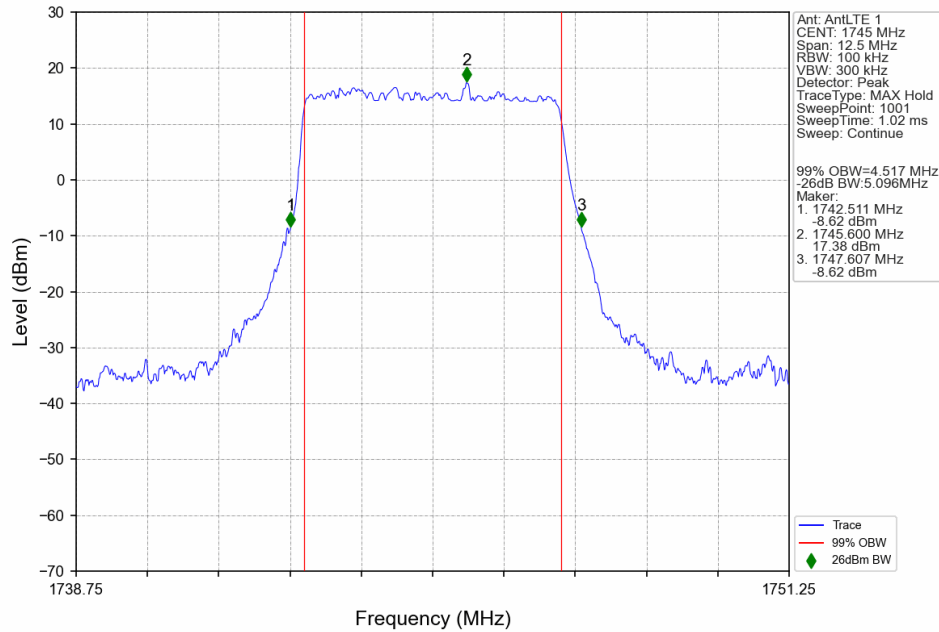
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 64
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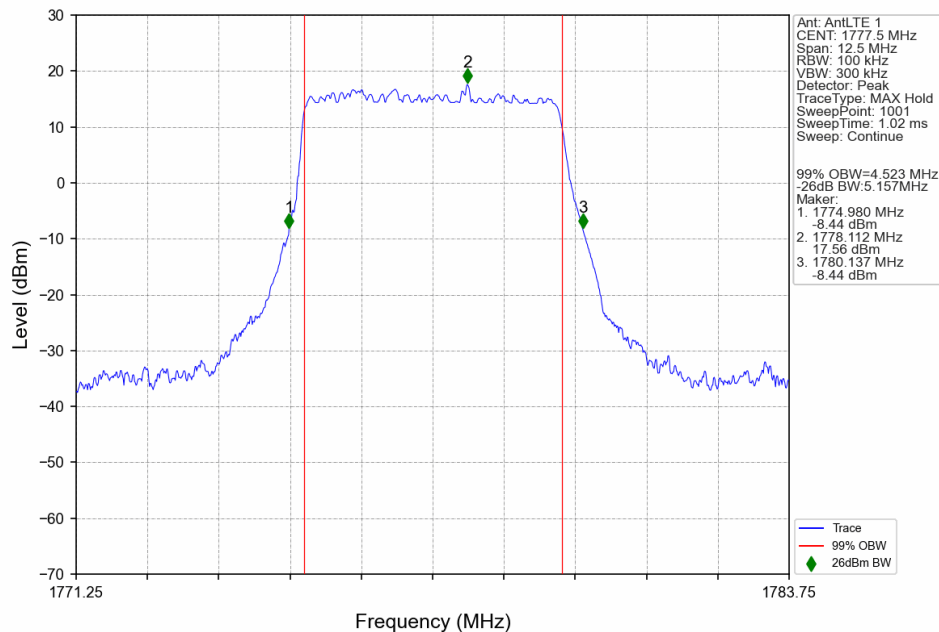


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 64
QAM_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



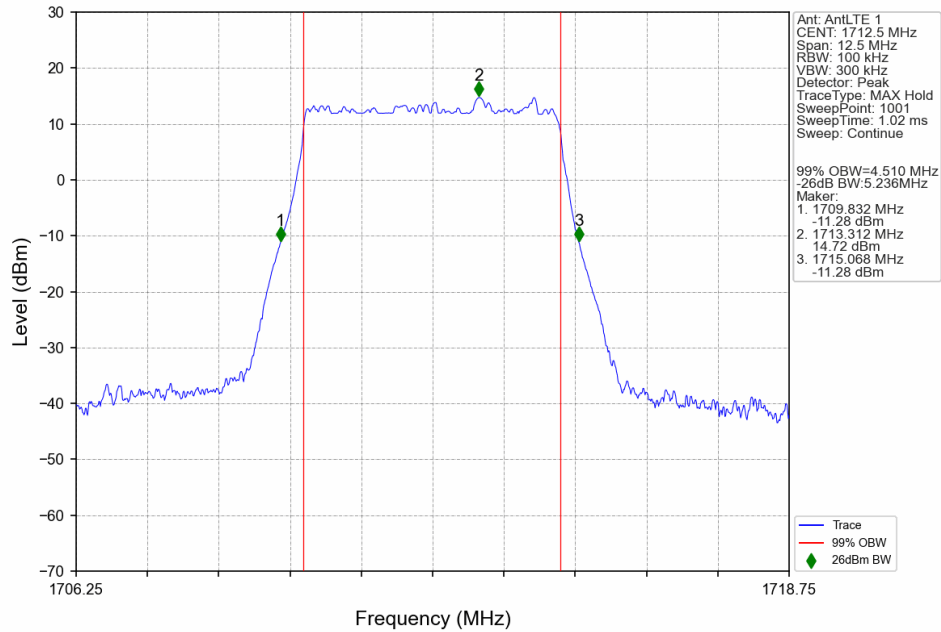
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 64
QAM_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



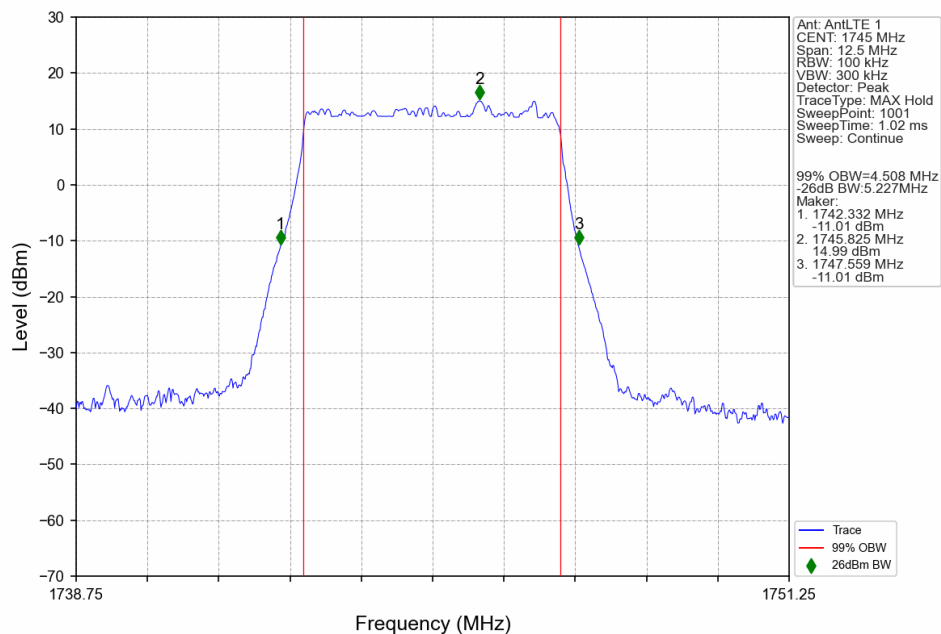


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 256
QAM_CC1:782 CC2:1712.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



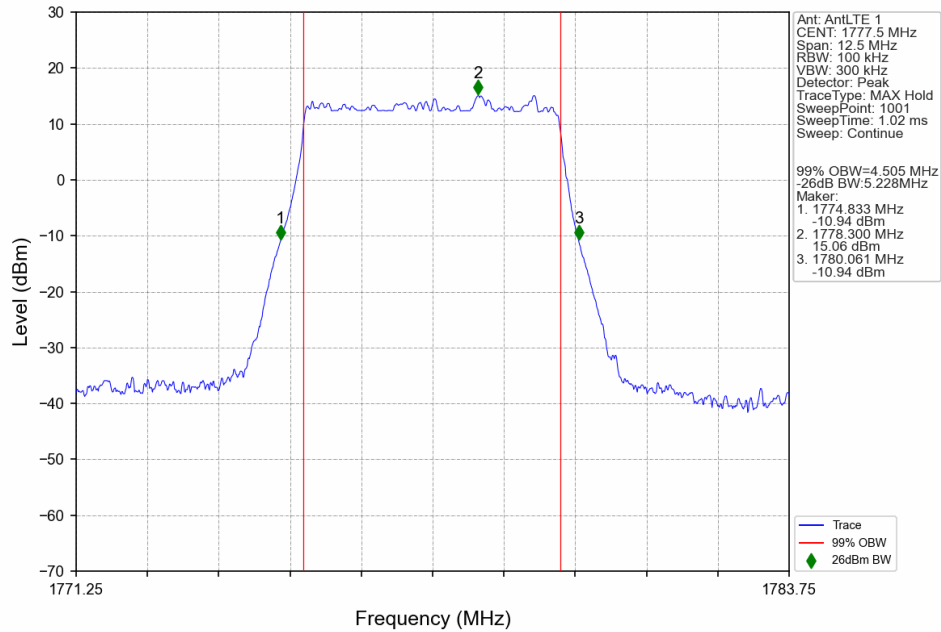
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 256
QAM_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



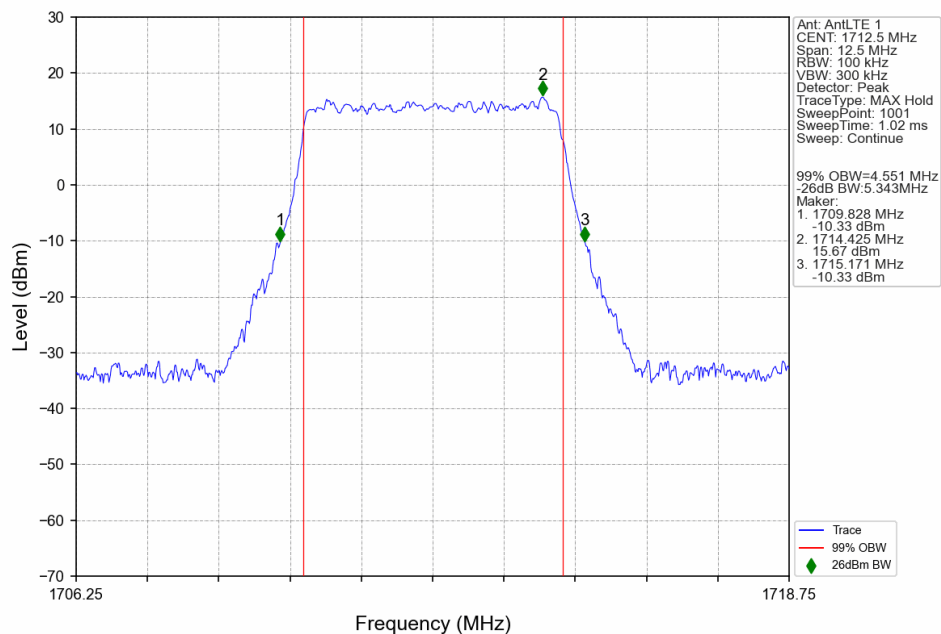


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: DFT-s-OFDM 256
QAM_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



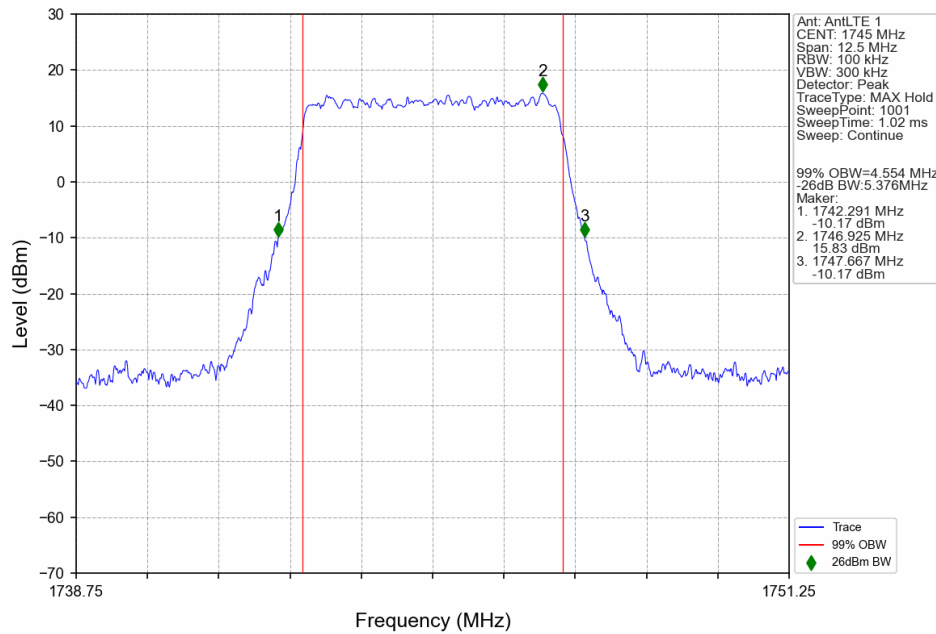
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1712.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



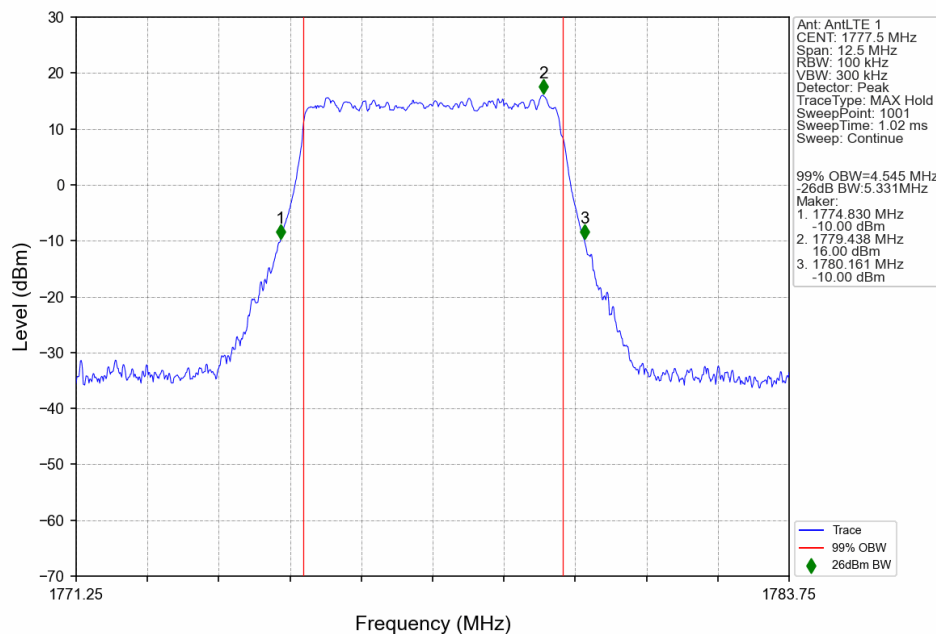


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



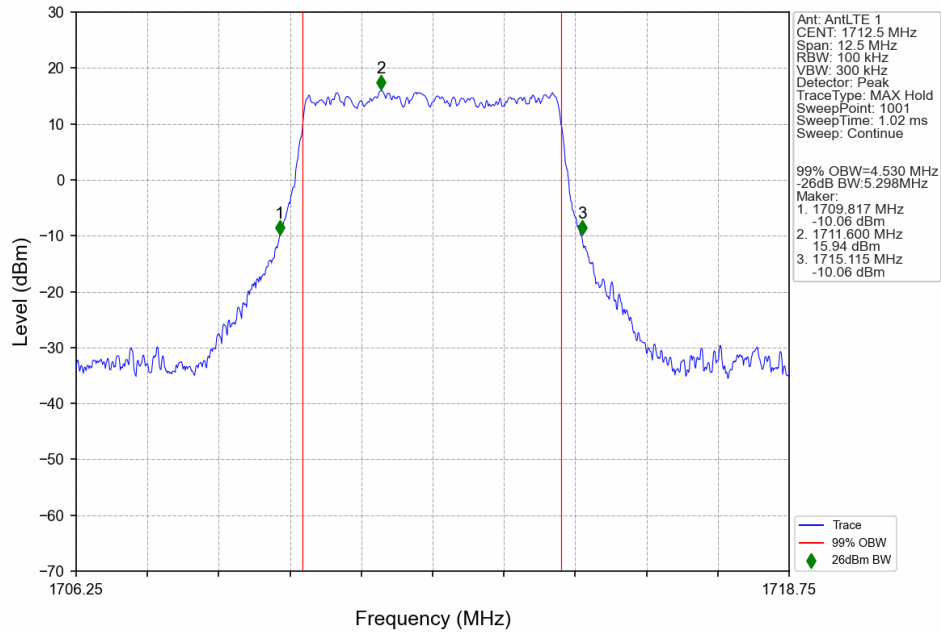
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



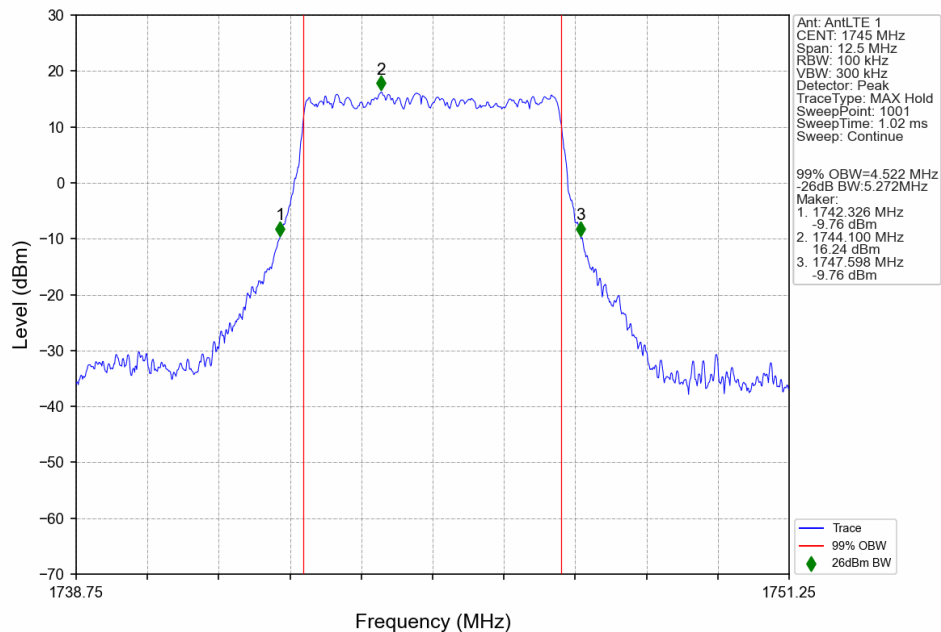


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 16
QAM_CC1:782 CC2:1712.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



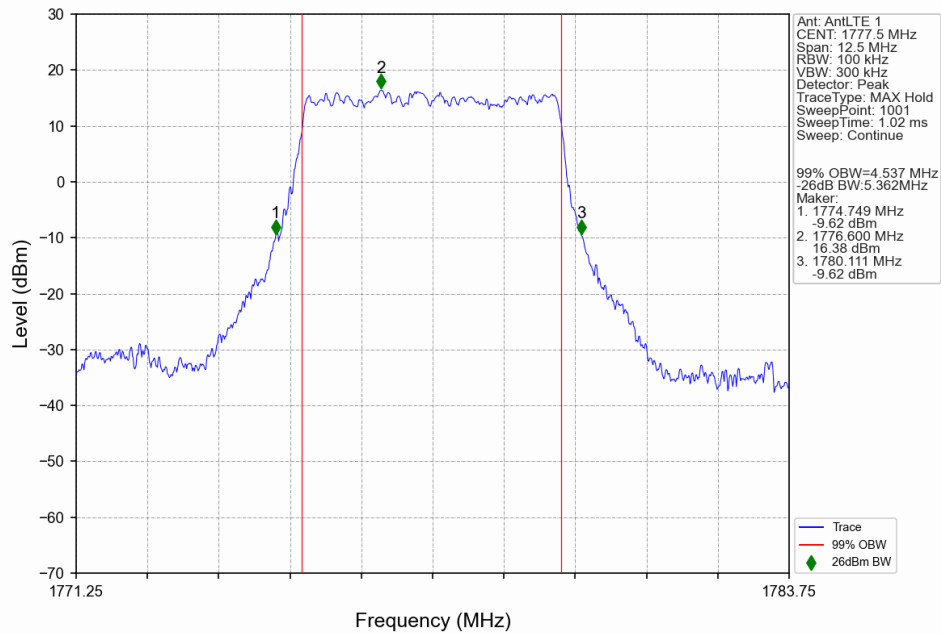
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 16
QAM_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



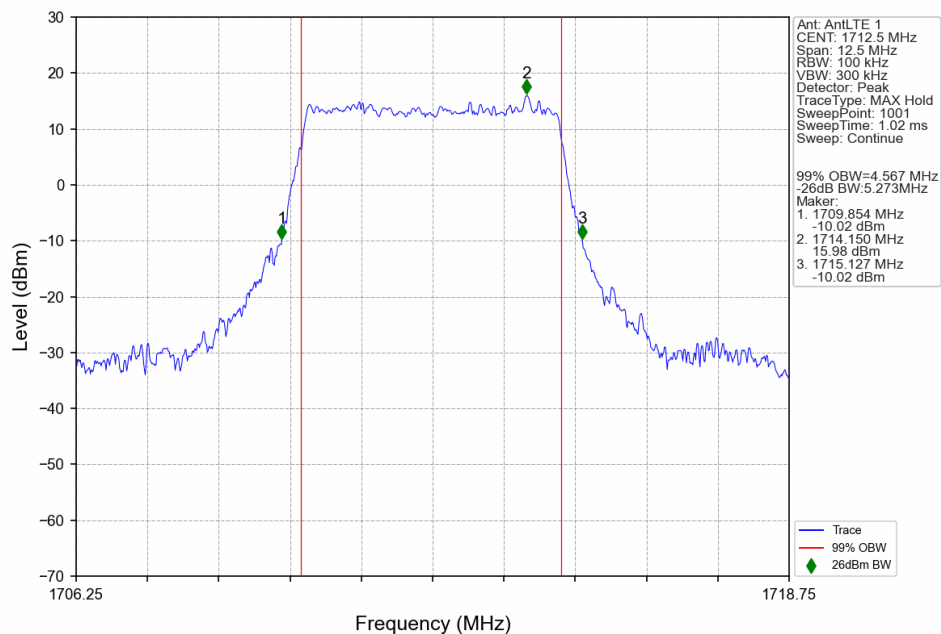


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 16
QAM_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



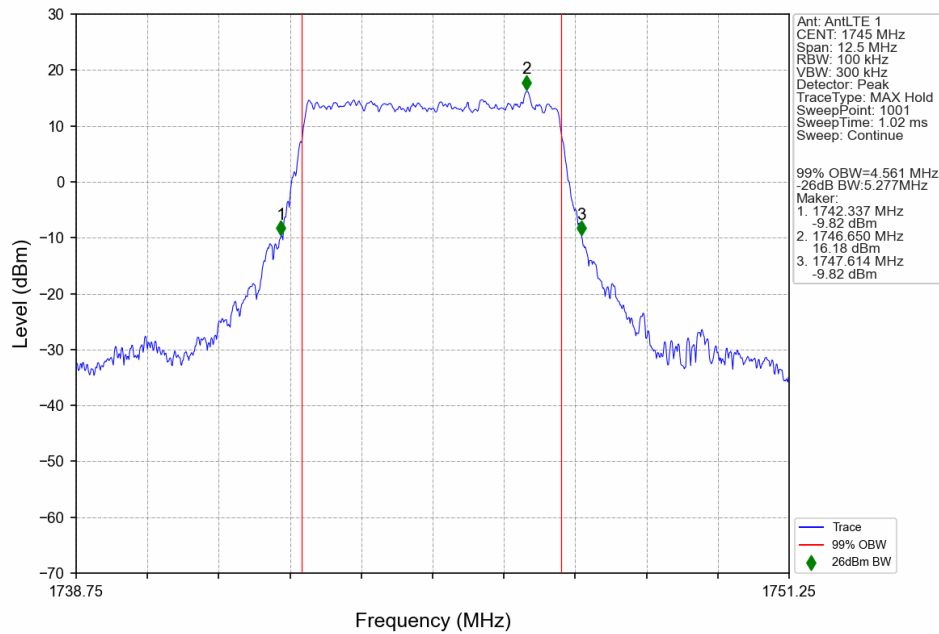
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 64
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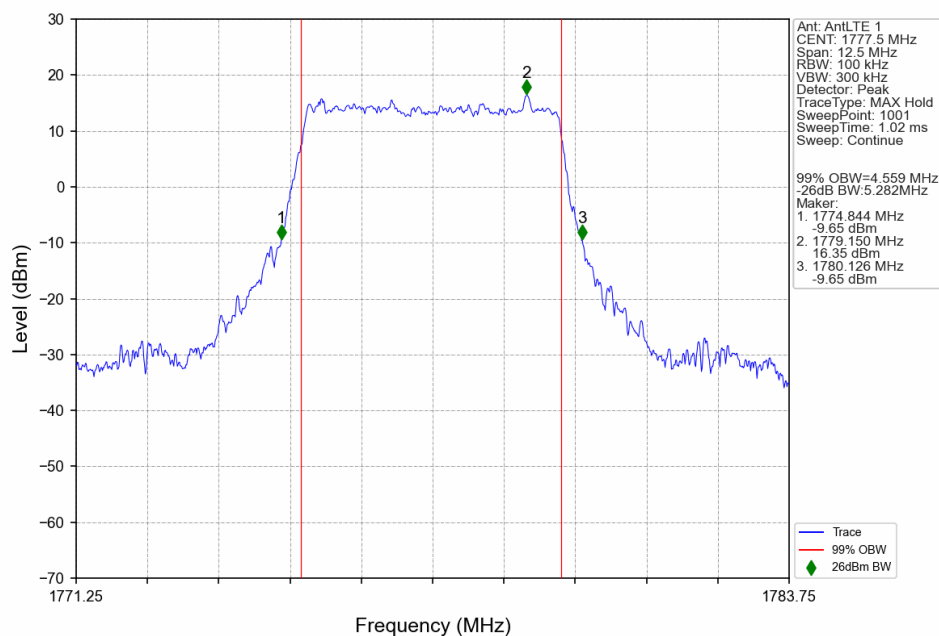


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 64
QAM_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



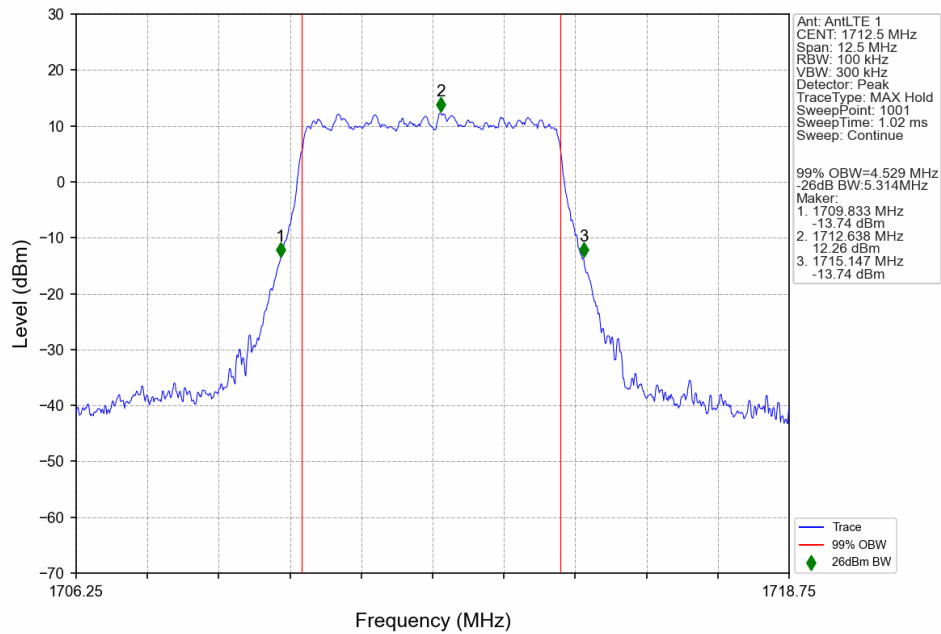
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QAM_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



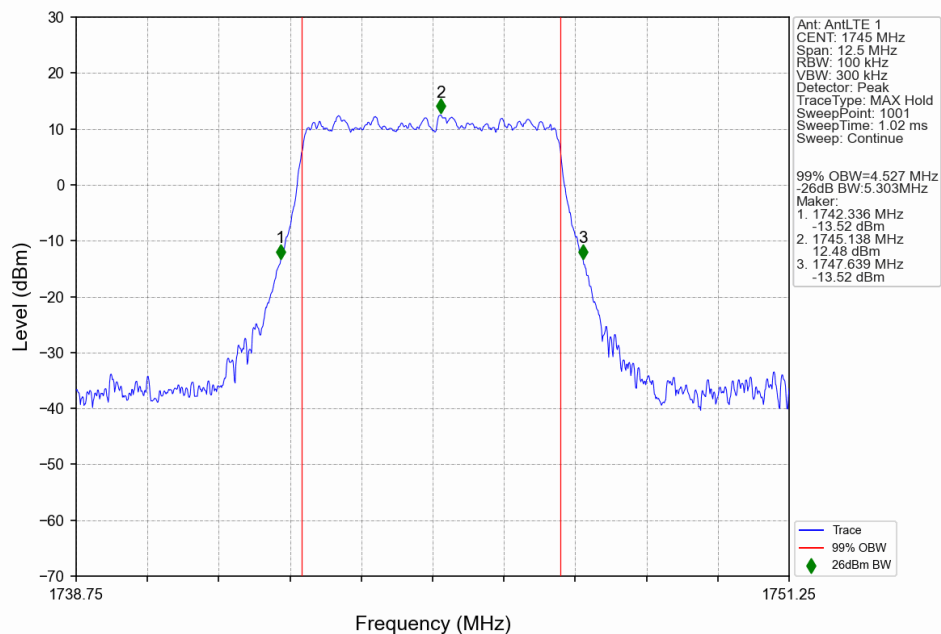


Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 256
QAM_CC1:782 CC2:1712.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



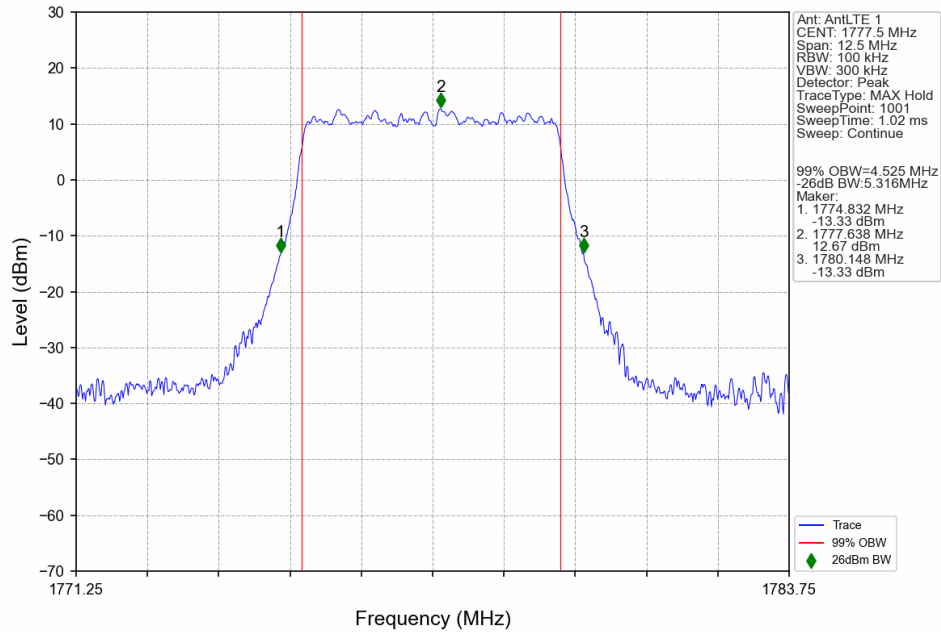
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 256
QAM_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1





Test Report No.: RF260330B005

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:5MHz_LTE: QPSK NR: CP-OFDM 256
QAM_CC1:782 CC2:1777.5MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

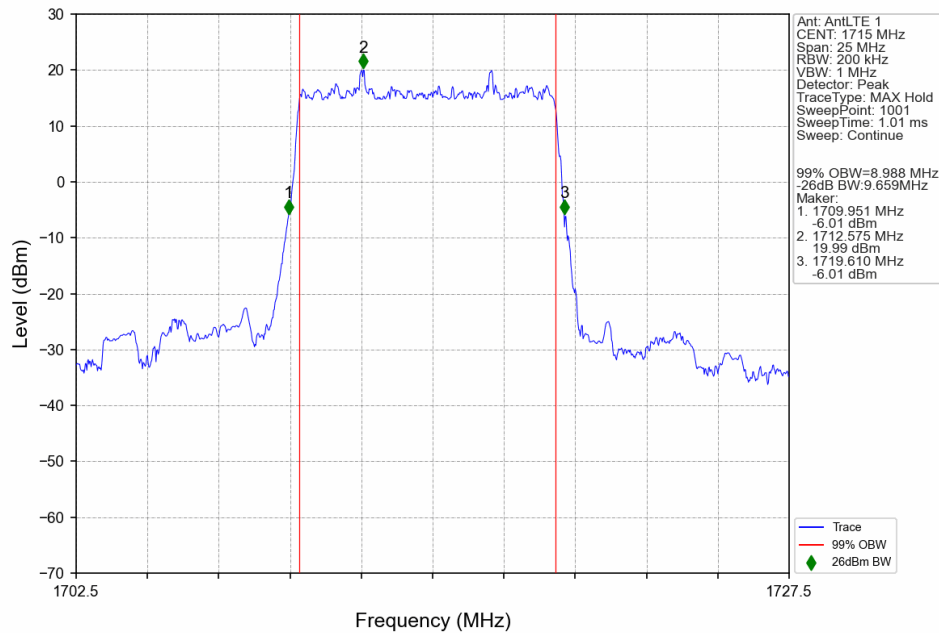




Test Report No.: RF260330B005

2.2.2 15_S_10M_NTNV

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:782 CC2:1715MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:10MHz_LTE: QPSK NR: DFT-s-OFDM PI/2
BPSK_CC1:782 CC2:1745MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1

