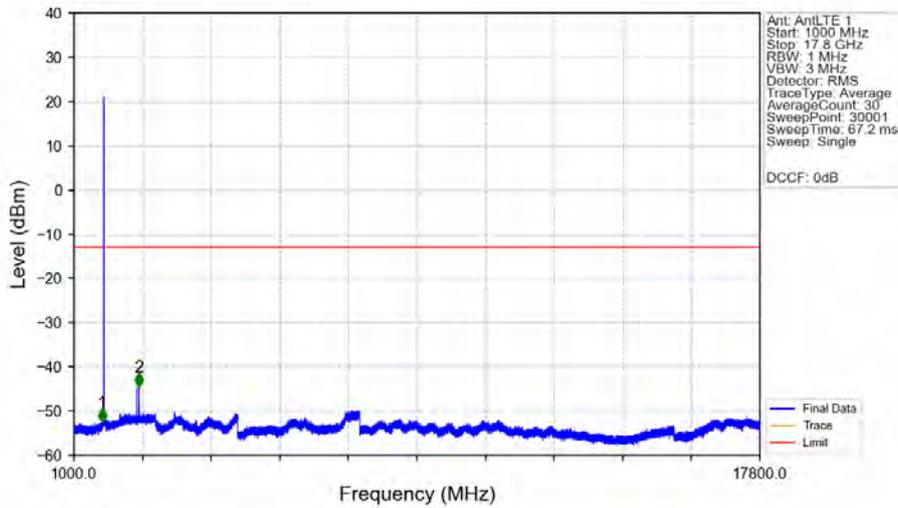
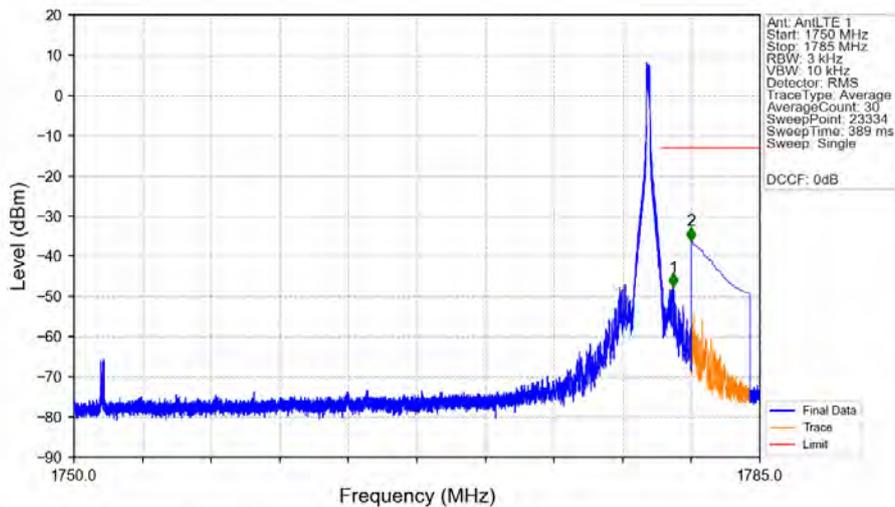


DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



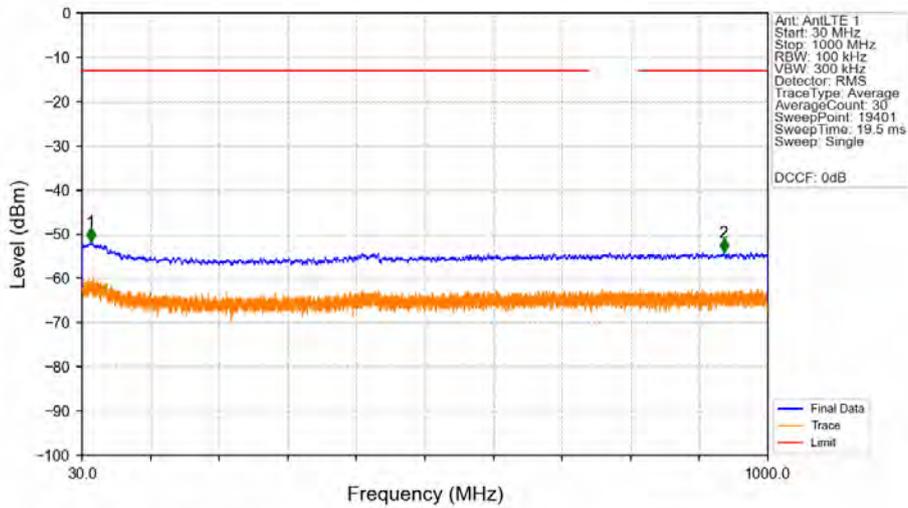
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1695.520	-52.43	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	2593.200	-44.53	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

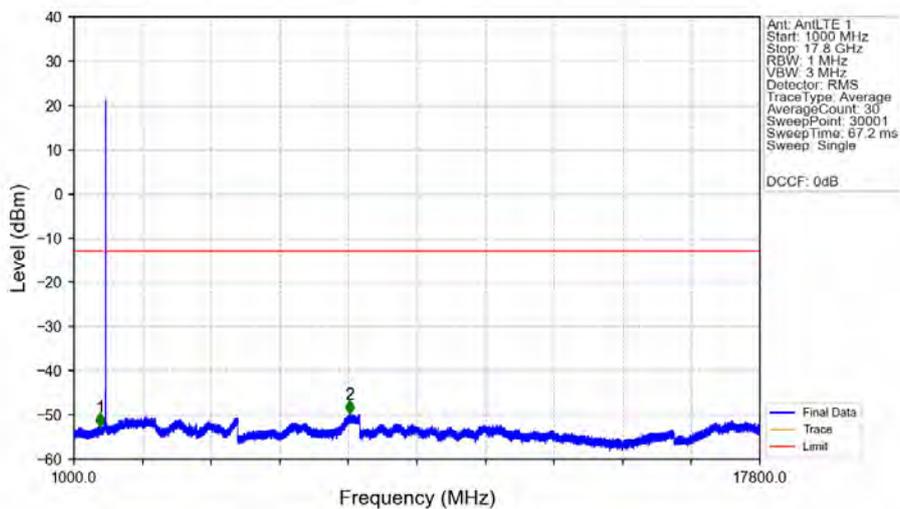


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.576	-47.69	-13	Pass
1781	1785	1	CHP	2	1781.500	-36.14	-13	Pass

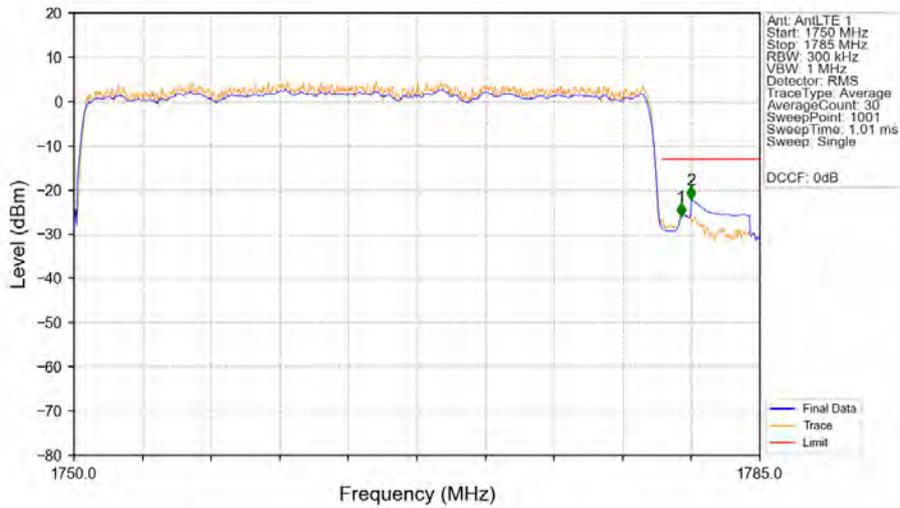
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



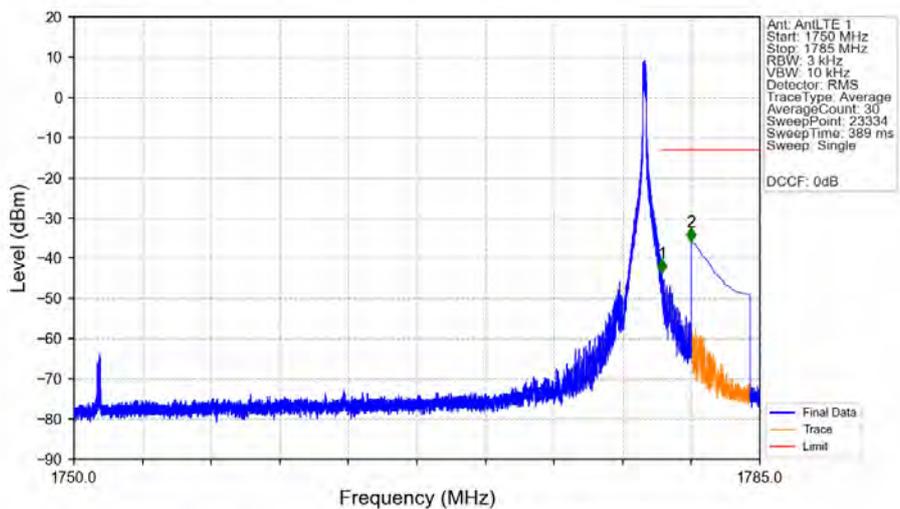
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



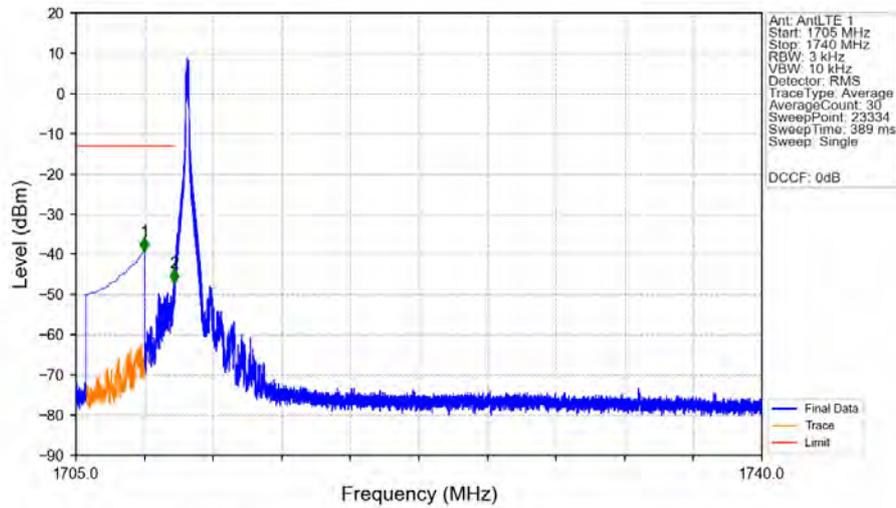
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1765MHz_LTE: 1RB Left NR: Outer_Full_AntLTE 1



DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1765MHz_LTE: 1RB Left NR: Inner_1RB_Right_AntLTE 1

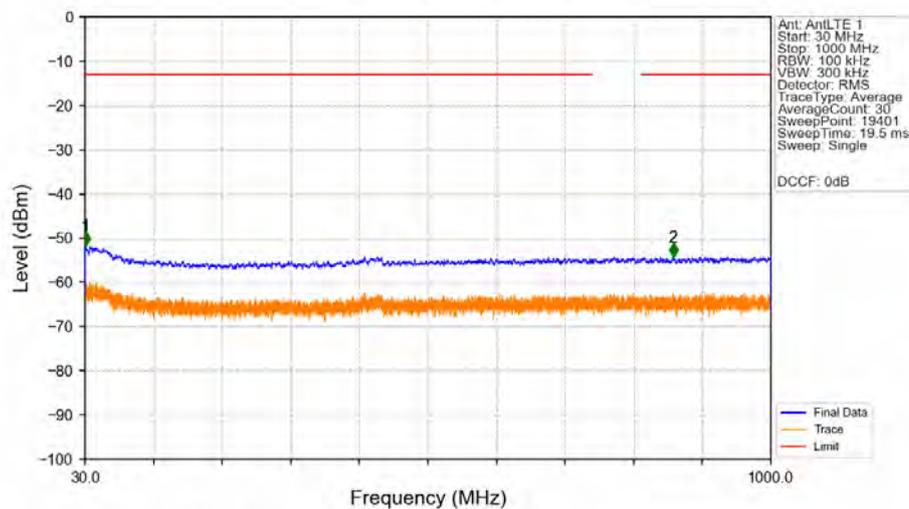


DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1725MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



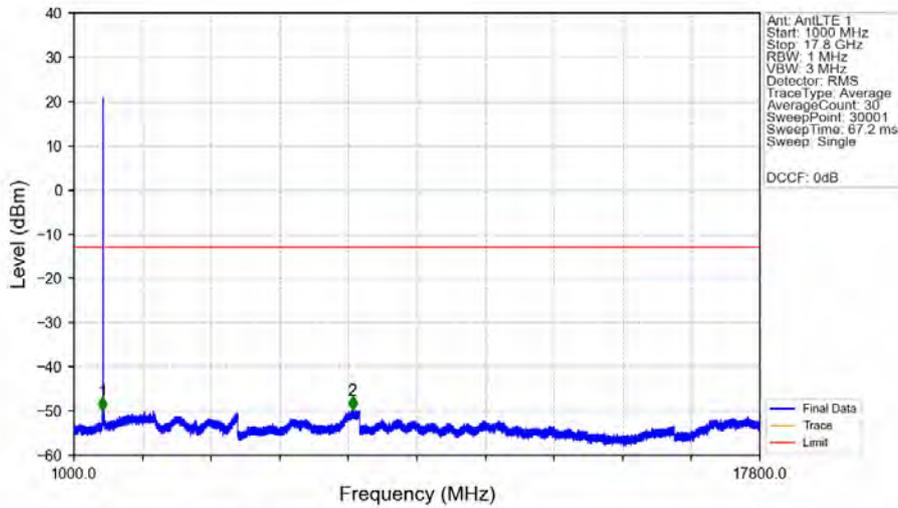
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-39.16	-13	Pass
1709	1710	0.003	/	2	1709.994	-47.14	-13	Pass
1710	1740	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1725MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



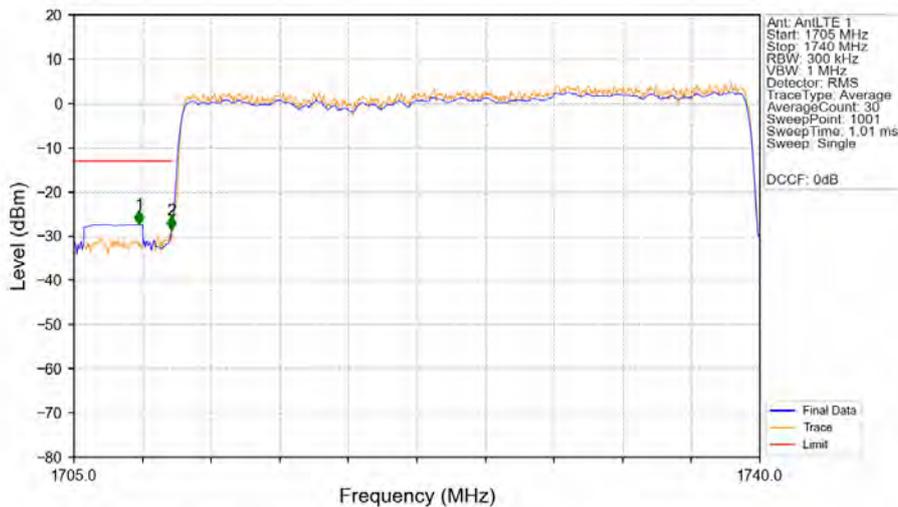
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	30.700	-51.72	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	861.900	-54.26	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1725MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



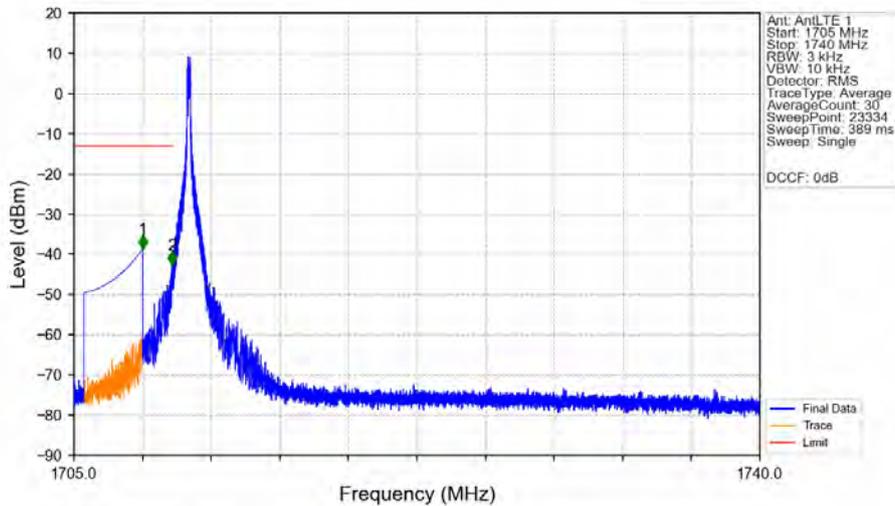
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1698.880	-49.99	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7823.040	-49.83	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1725MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



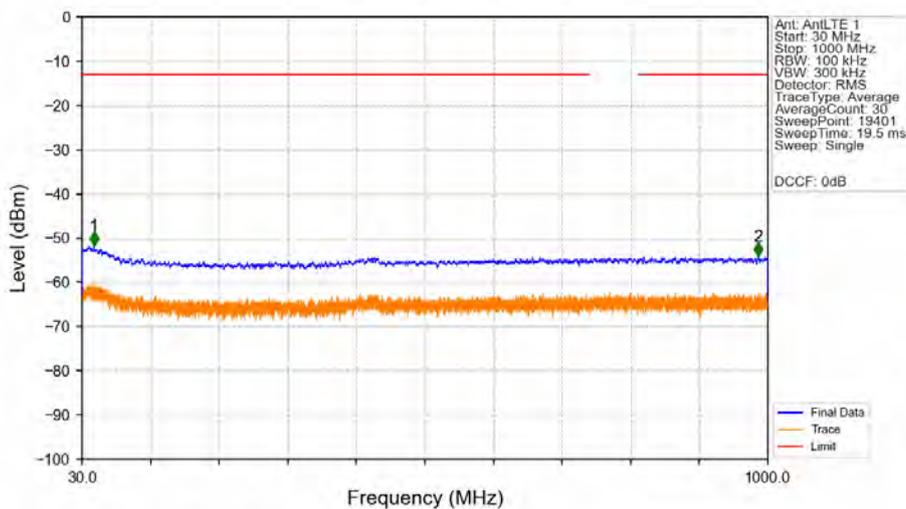
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.325	-27.33	-13	Pass
1709	1710	0.31395	CHP	2	1709.970	-28.58	-13	Pass
1710	1740	0.31395	CHP	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1725MHz_LTE: 1RB_Left NR: Inner_1RB_Left AntLTE 1



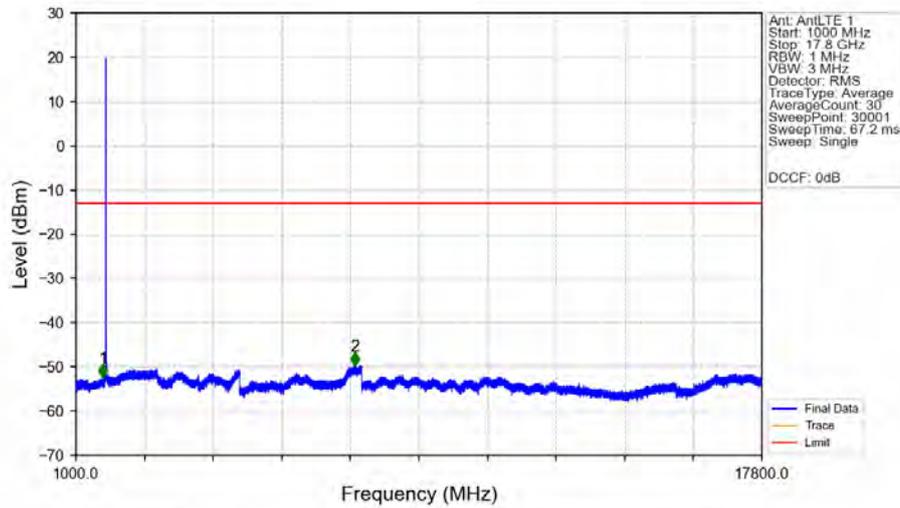
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-38.56	-13	Pass
1709	1710	0.003	/	2	1710.000	-42.75	-13	Pass
1710	1740	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



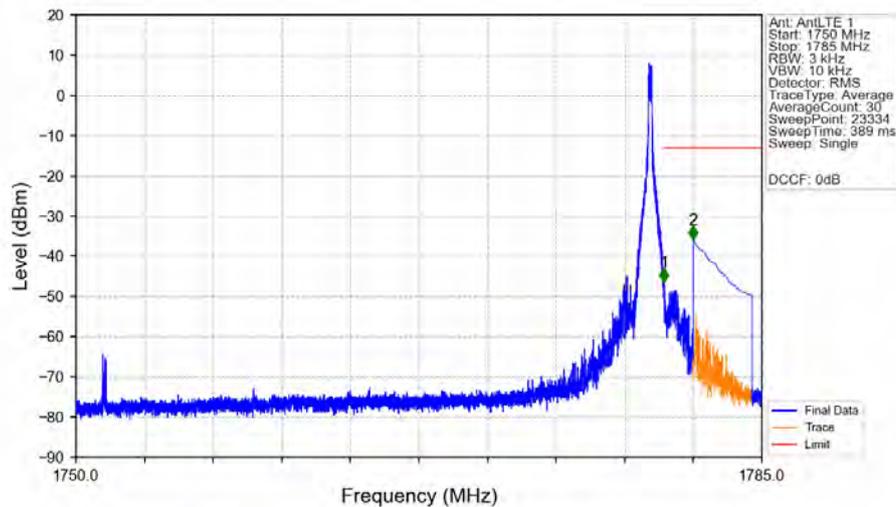
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	46.750	-51.67	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	986.250	-54.06	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



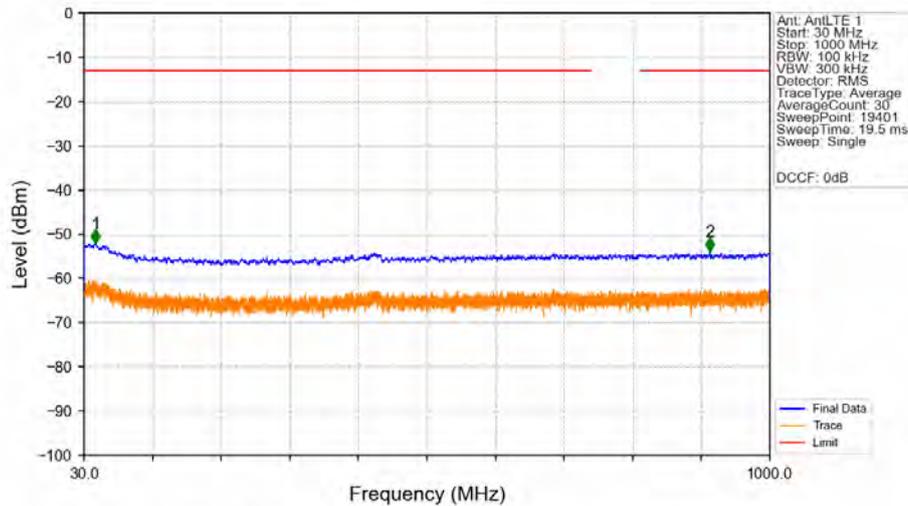
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1664.160	-52.44	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7839.840	-49.70	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1765MHz_LTE: 1RB_Right NR: Edge_1RB_Right AntLTE 1



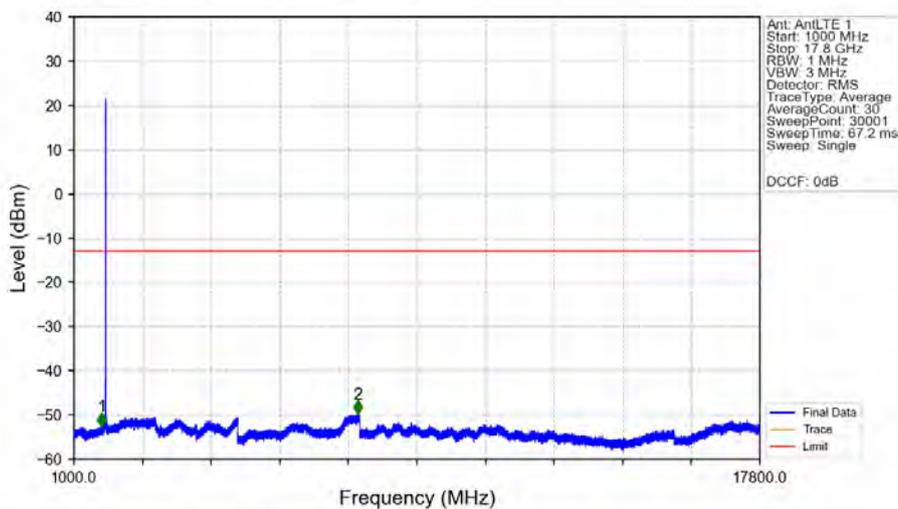
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.011	-46.39	-13	Pass
1781	1785	1	CHP	2	1781.500	-35.81	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



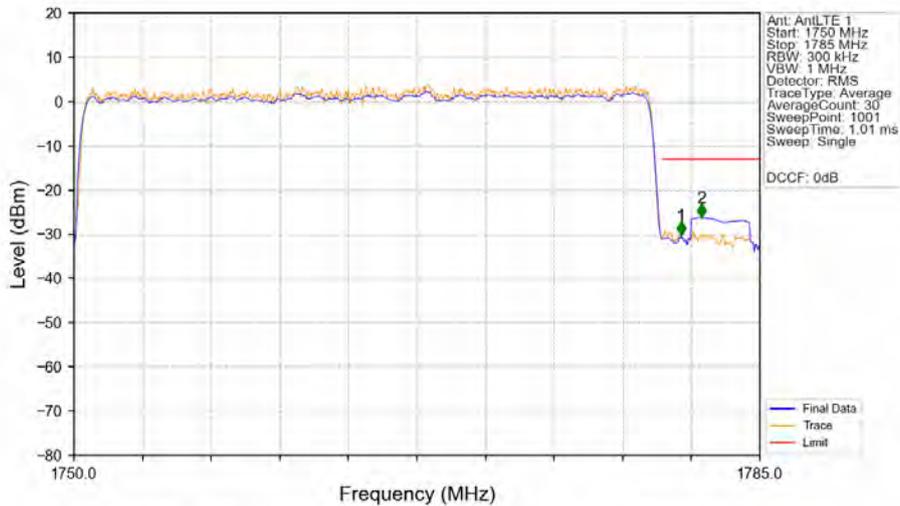
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	46.350	-52.12	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	915.050	-53.83	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



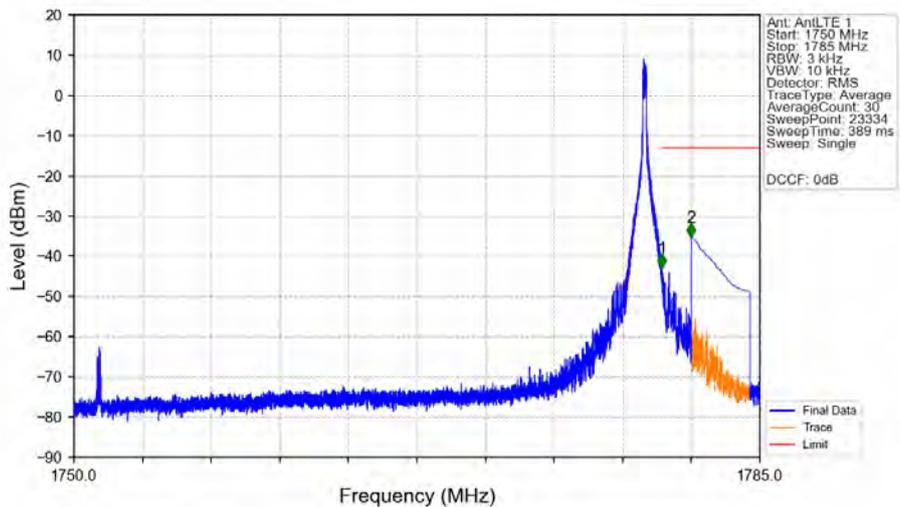
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1680.960	-52.56	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7960.240	-49.73	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1765MHz_LTE: 1RB Left NR: Outer_Full_AntLTE 1



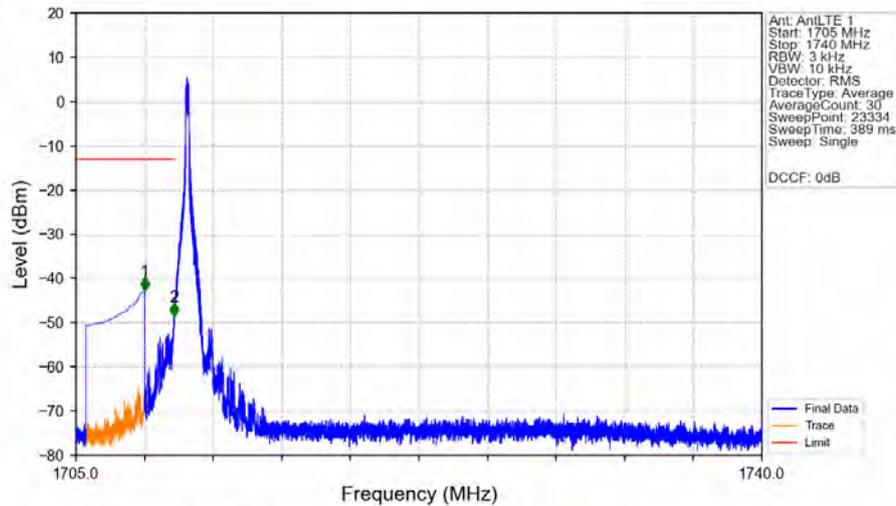
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.3225	CHP	/	/	/	/	/
1780	1781	0.3225	CHP	1	1780.975	-30.22	-13	Pass
1781	1785	1	CHP	2	1782.025	-26.17	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1765MHz_LTE: 1RB Left NR: Inner_1RB_Right_AntLTE 1



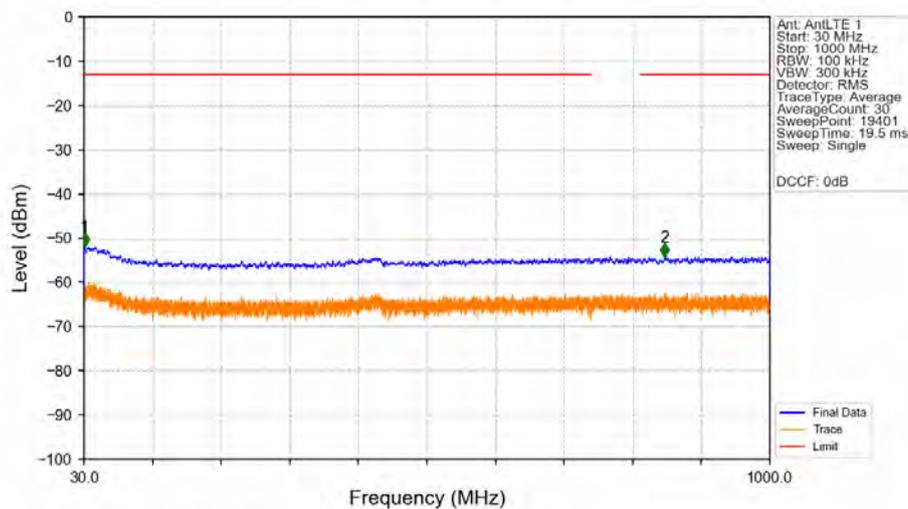
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.011	-42.93	-13	Pass
1781	1785	1	CHP	2	1781.500	-35.33	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1725MHz_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
1705	1709	1	CHP	1	1708.498	-42.76	-13	Pass
1709	1710	0.003	/	2	1709.994	-48.67	-13	Pass
1710	1740	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1725MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1

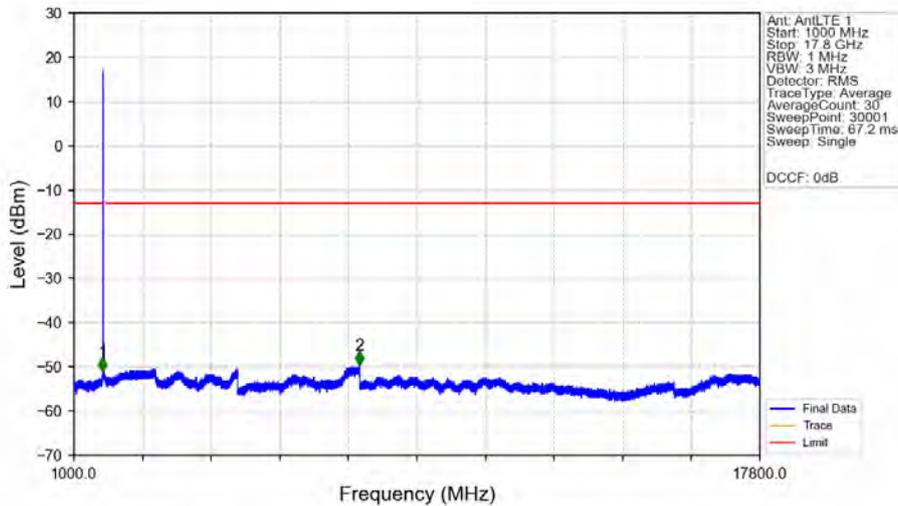


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	31.050	-51.79	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	851.250	-54.16	-13	Pass



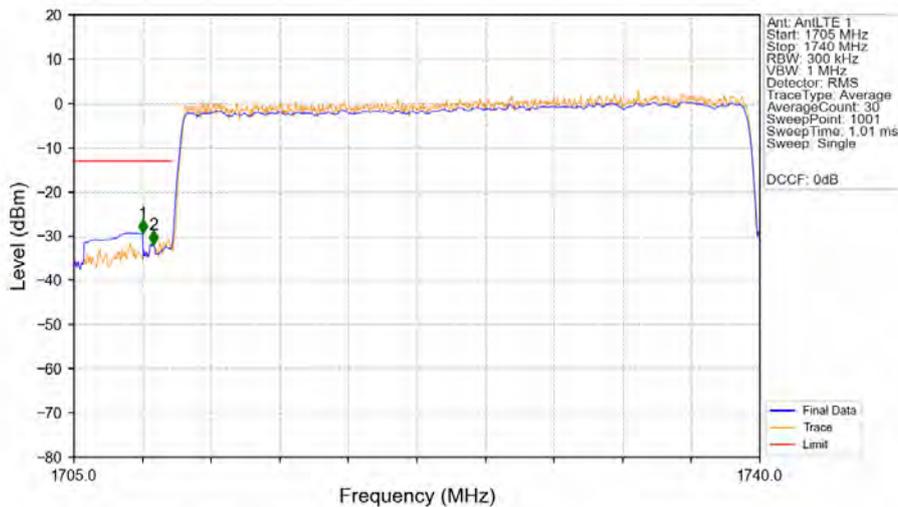
Test Report No.: PSU-NQN2504150110RF05

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1725MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



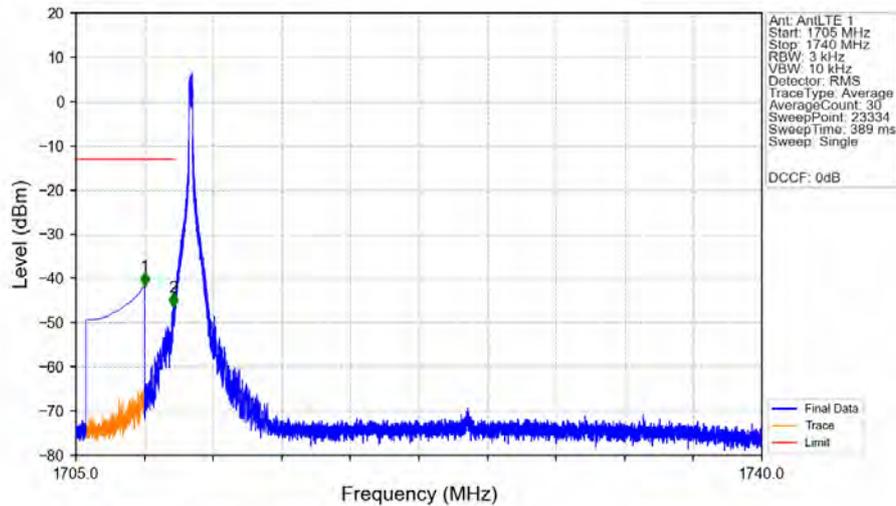
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.480	-51.00	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7994.960	-49.54	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1725MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



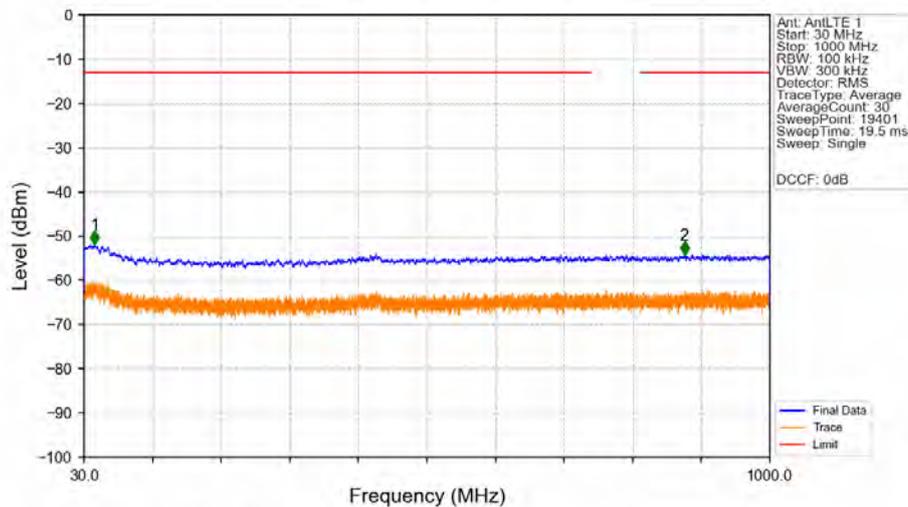
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-29.33	-13	Pass
1709	1710	0.31462	CHP	2	1709.060	-31.80	-13	Pass
1710	1740	0.31462	CHP	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1725MHz_LTE: 1RB_Left NR: Inner_1RB_Left AntLTE 1



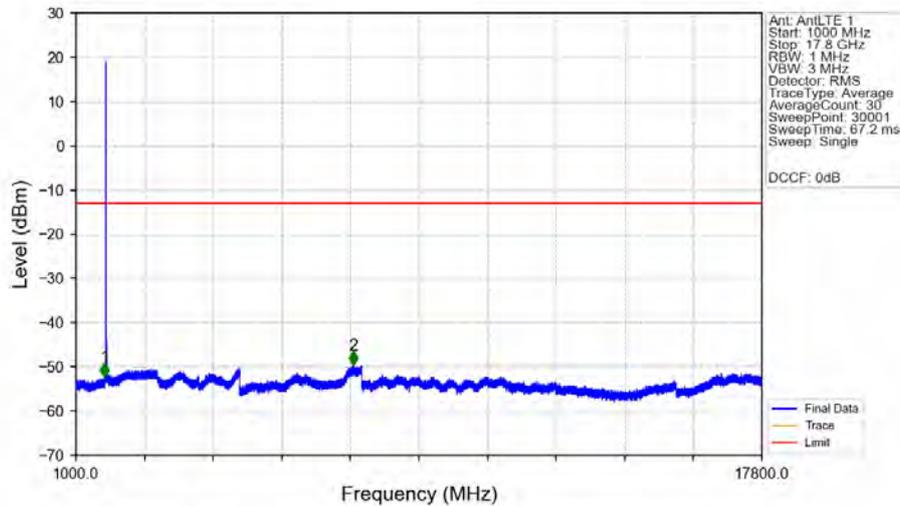
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-41.74	-13	Pass
1709	1710	0.003	/	2	1709.970	-46.49	-13	Pass
1710	1740	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



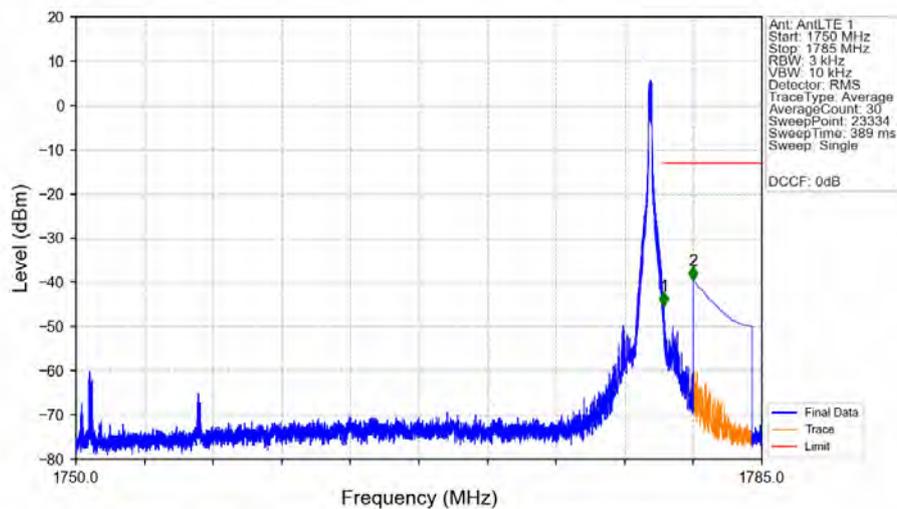
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	45.000	-51.88	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	879.150	-54.18	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



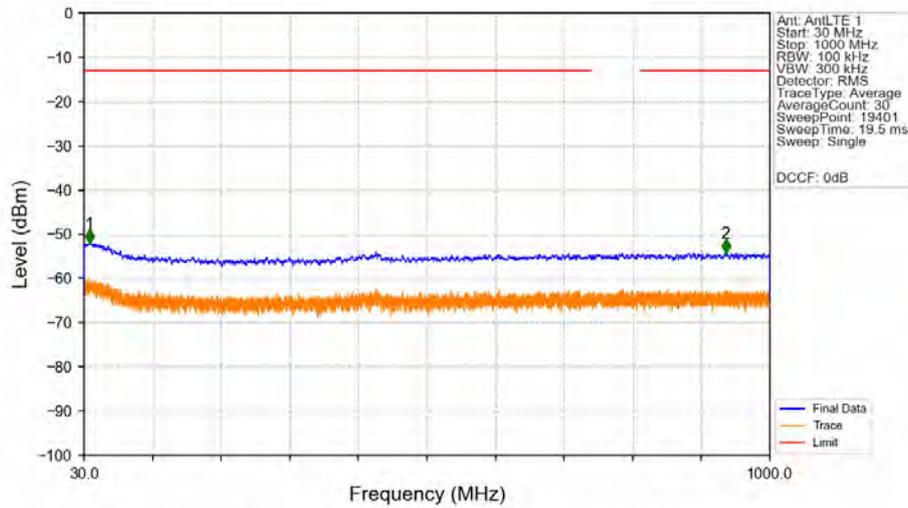
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1701.120	-52.18	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7791.680	-49.60	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Right NR: Edge_1RB_Right AntLTE 1



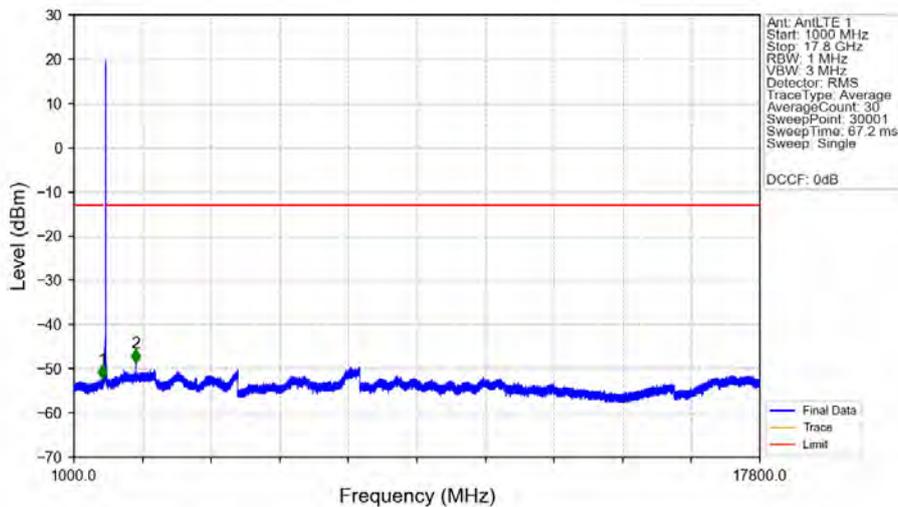
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-45.29	-13	Pass
1781	1785	1	CHP	2	1781.500	-39.55	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



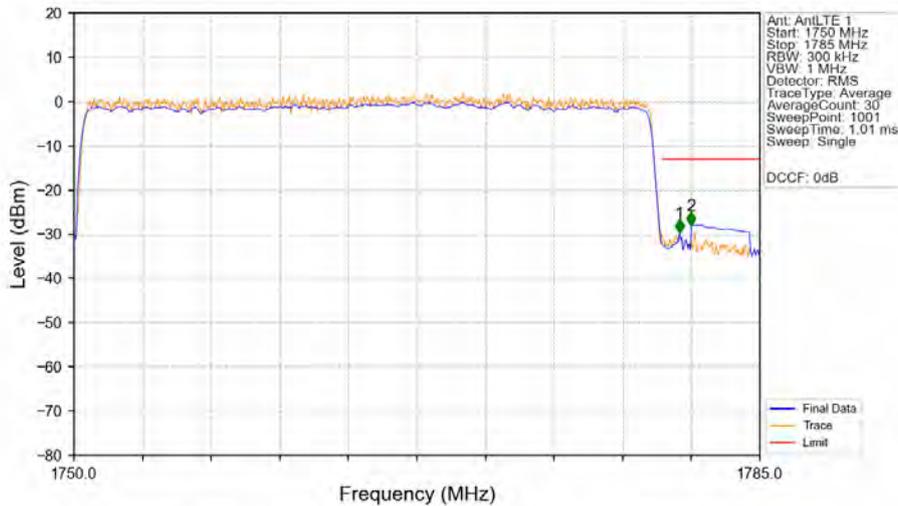
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	38.050	-51.99	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	937.600	-54.19	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1765MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



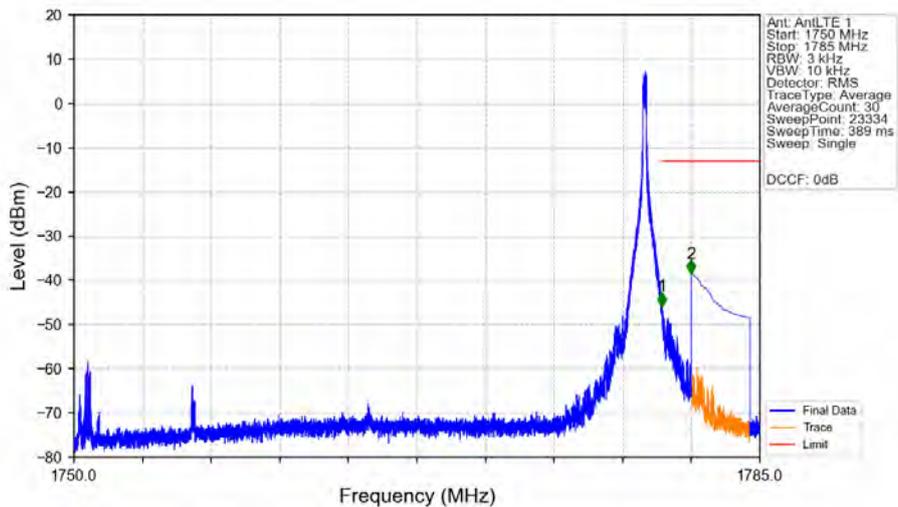
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1703.920	-52.25	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	2517.600	-48.69	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1765MHz_LTE: 1RB Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.31202	CHP	/	/	/	/	/
1780	1781	0.31202	CHP	1	1780.905	-29.74	-13	Pass
1781	1785	1	CHP	2	1781.500	-27.97	-13	Pass

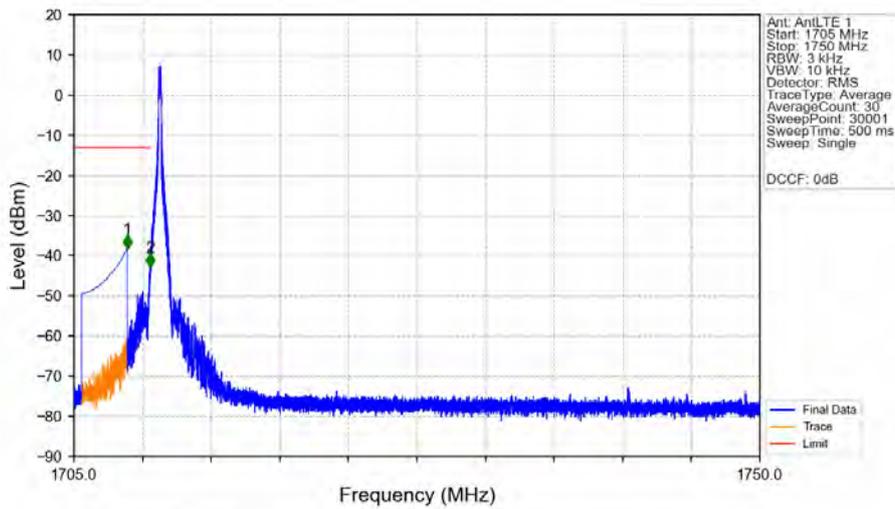
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:30MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1765MHz_LTE: 1RB Left NR: Inner_1RB_Right_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-45.79	-13	Pass
1781	1785	1	CHP	2	1781.500	-38.38	-13	Pass

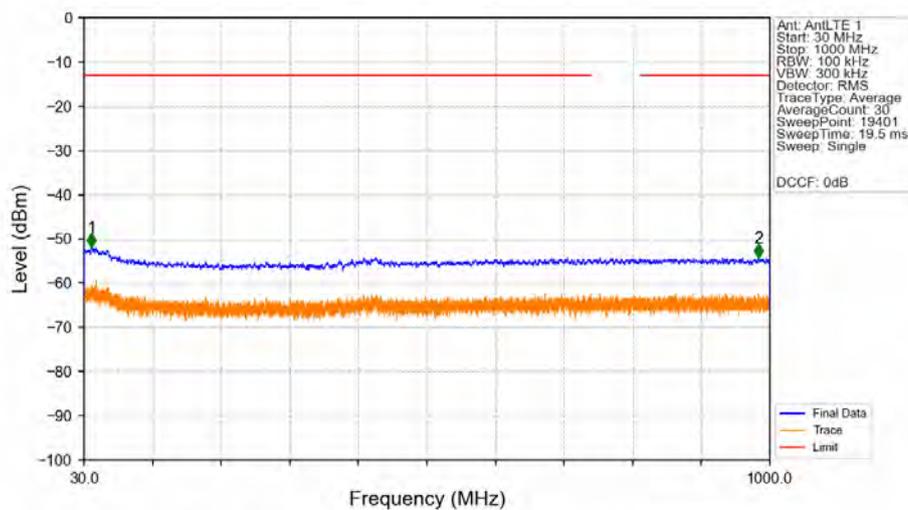
4.2.7 15k_SISO_40MHz_NTNV

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
 CC2:1730MHz_LTE: 1RB_Left NR: Edge 1RB_Left AntLTE 1



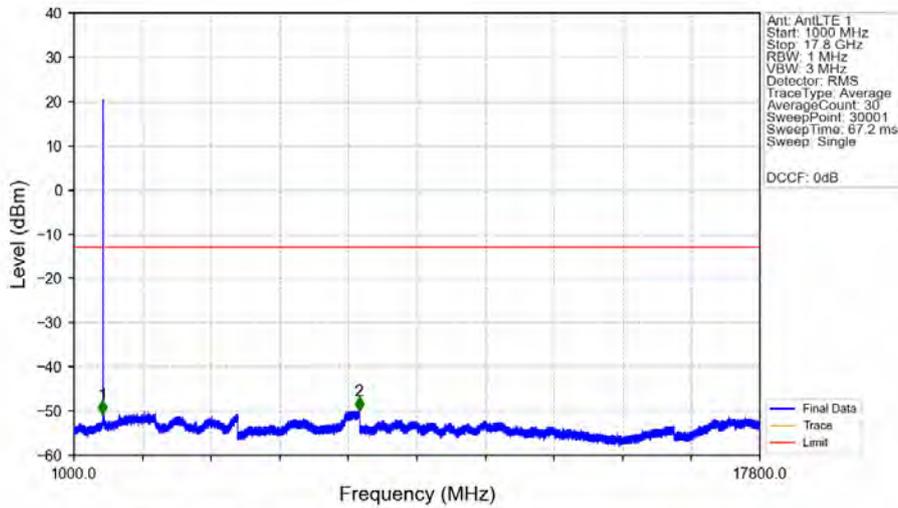
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-38.28	-13	Pass
1709	1710	0.003	/	2	1709.991	-42.77	-13	Pass
1710	1750	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
 CC2:1730MHz_LTE: 1RB_Left NR: Edge 1RB_Left AntLTE 1



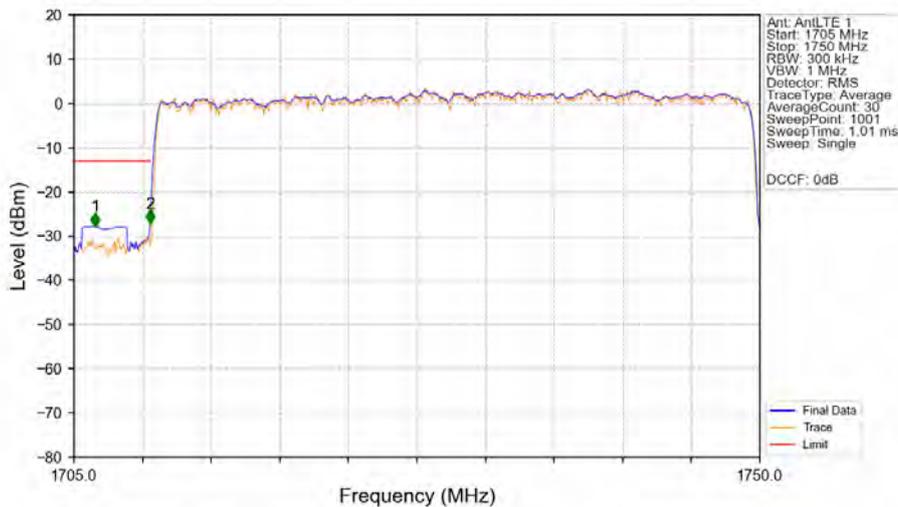
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	40.850	-51.80	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	983.900	-54.17	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



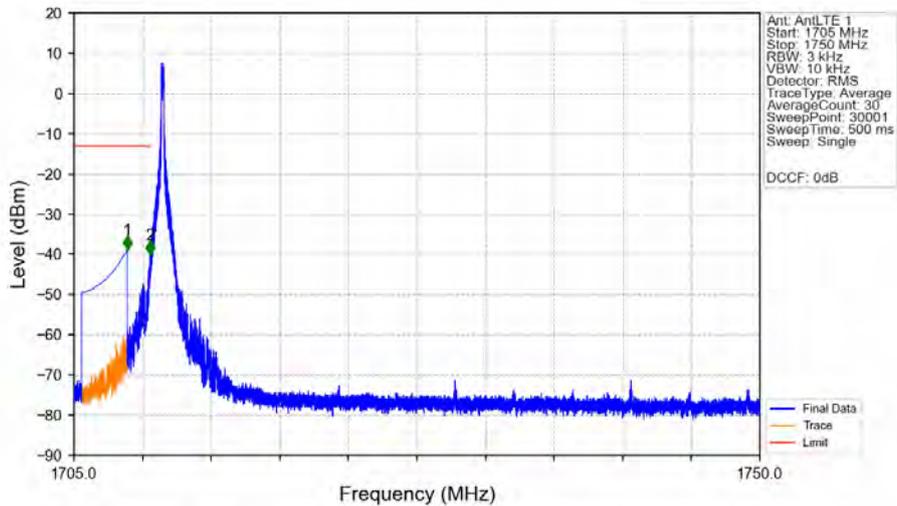
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.480	-50.61	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7980.960	-49.88	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



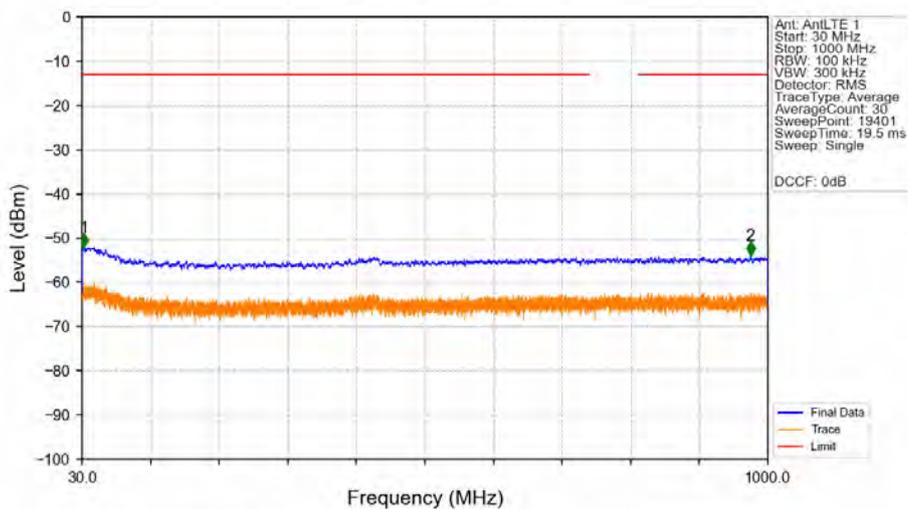
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.395	-27.76	-13	Pass
1709	1710	0.41302	CHP	2	1709.995	-27.13	-13	Pass
1710	1750	0.41302	CHP	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Inner_1RB_Left AntLTE 1



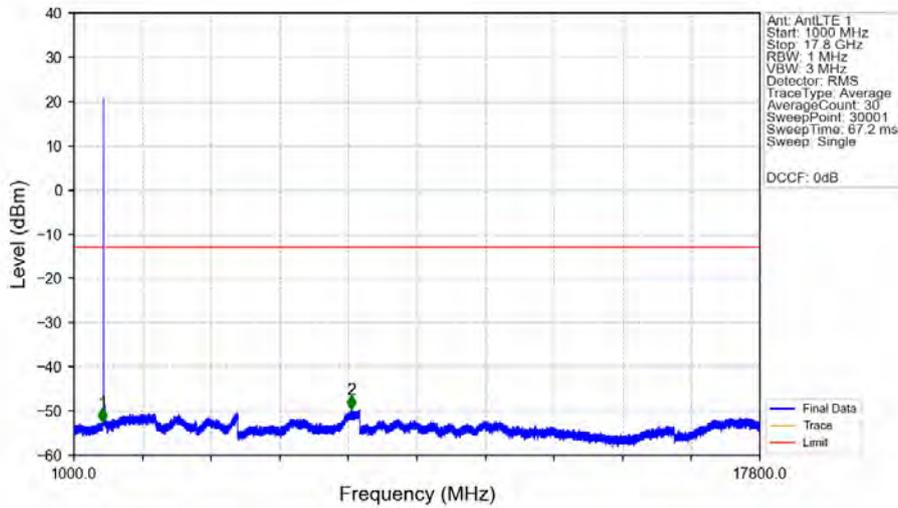
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-38.79	-13	Pass
1709	1710	0.003	/	2	1709.991	-40.01	-13	Pass
1710	1750	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



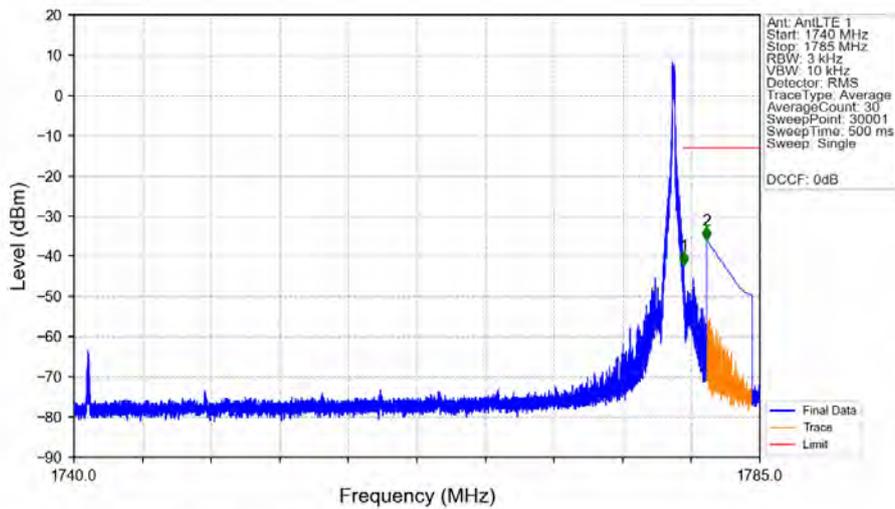
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	32.750	-51.98	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	975.400	-53.84	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1745MHz_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	1709	1	/	1	1699.440	-52.52	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7796.720	-49.62	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1760MHz_LTE: 1RB_Left NR: Edge_1RB_Right_AntLTE 1

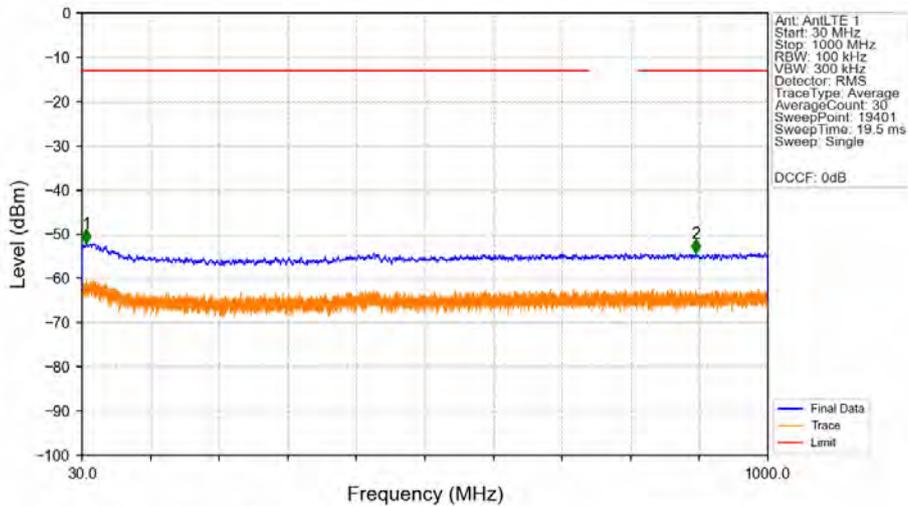


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-42.26	-13	Pass
1781	1785	1	CHP	2	1781.501	-36.02	-13	Pass



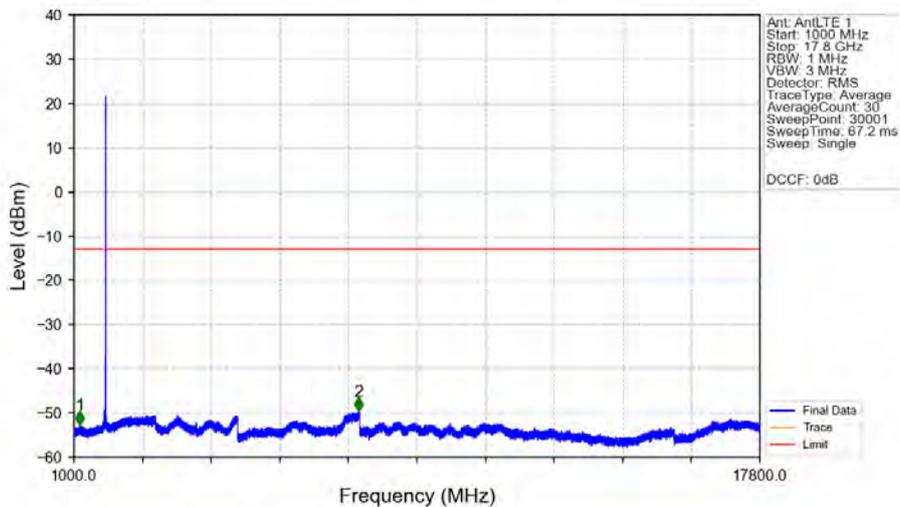
Test Report No.: PSU-NQN2504150110RF05

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782 CC2:1760MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



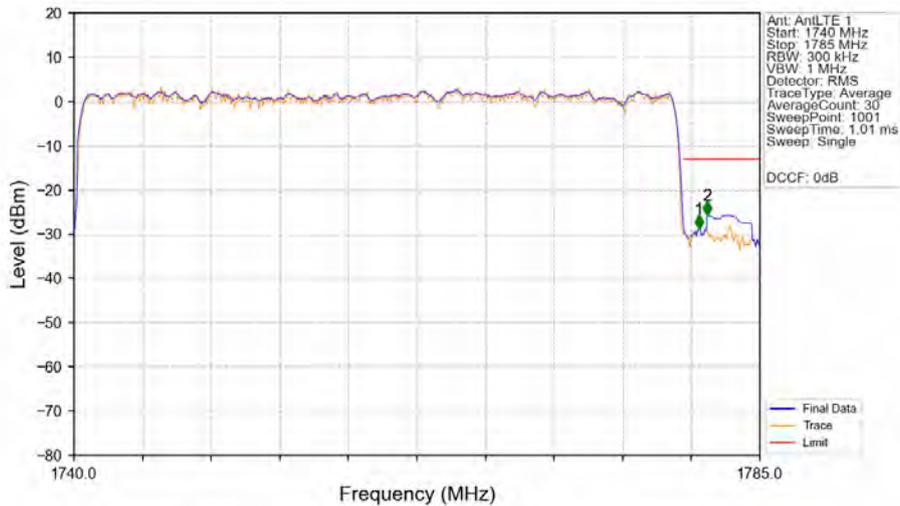
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	36.300	-51.97	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	898.450	-54.22	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782 CC2:1760MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1

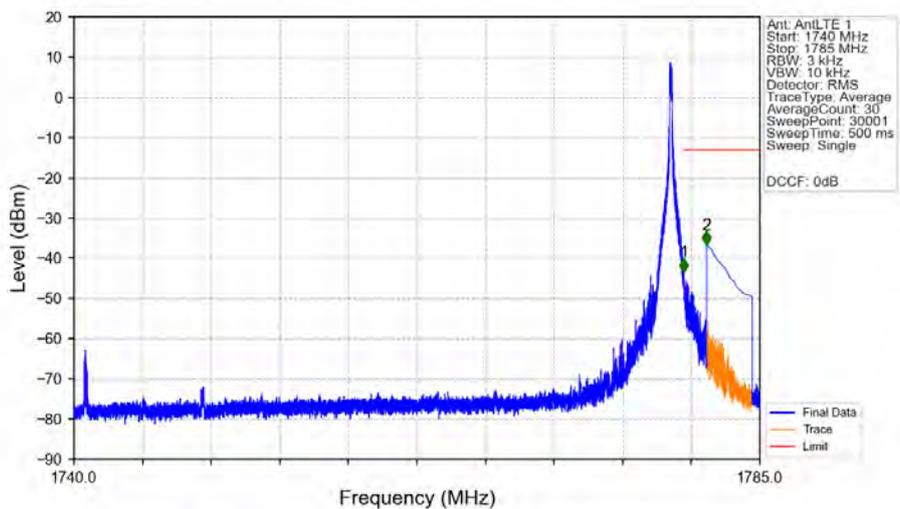


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1145.040	-52.68	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7971.440	-49.62	-13	Pass

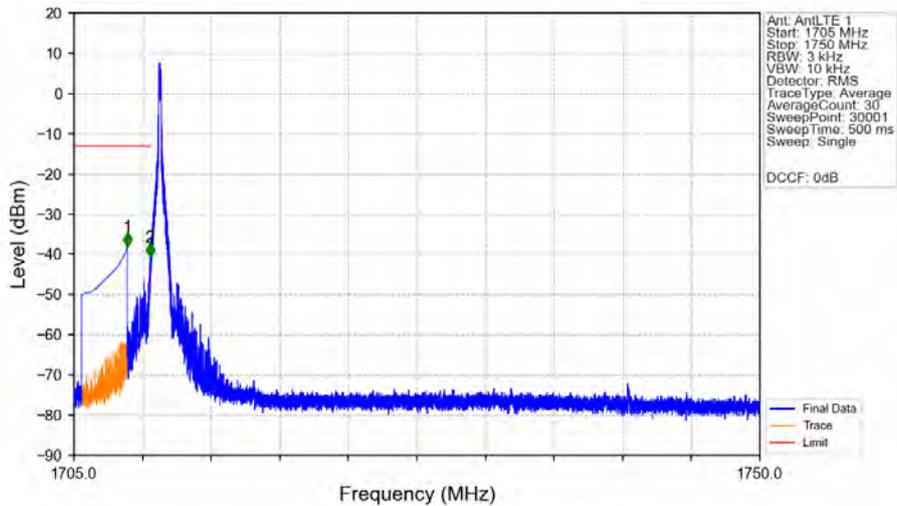
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1760MHz_LTE: 1RB Left NR: Outer_Full_AntLTE 1



DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM PI/2 BPSK_CC1:782
CC2:1760MHz_LTE: 1RB Left NR: Inner_1RB_Right_AntLTE 1

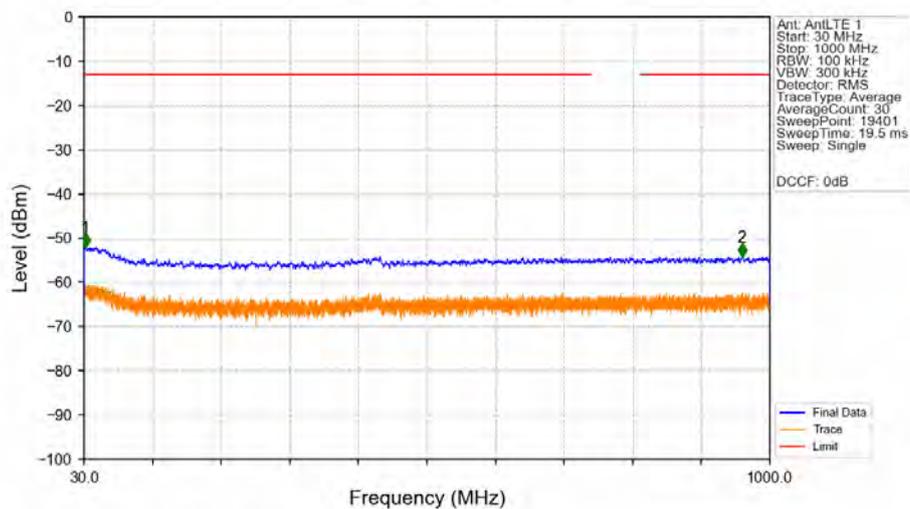


DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



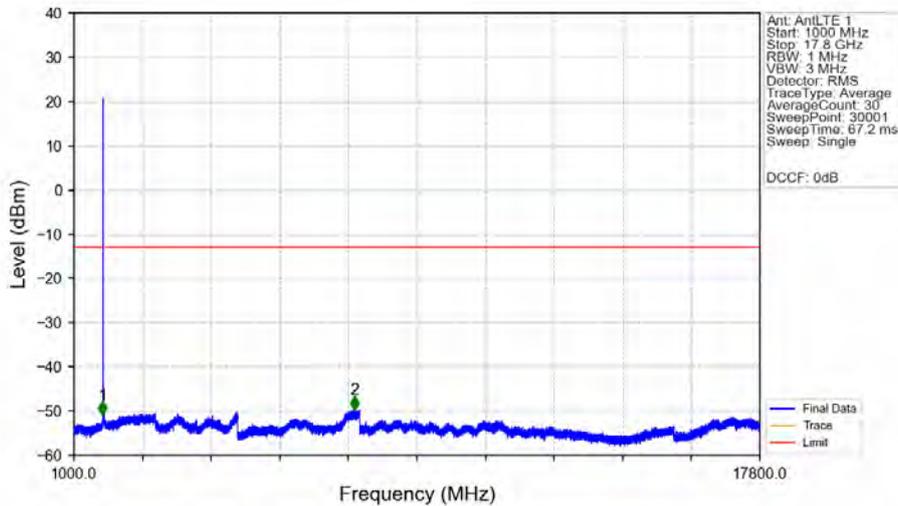
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-38.08	-13	Pass
1709	1710	0.003	/	2	1709.978	-40.59	-13	Pass
1710	1750	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



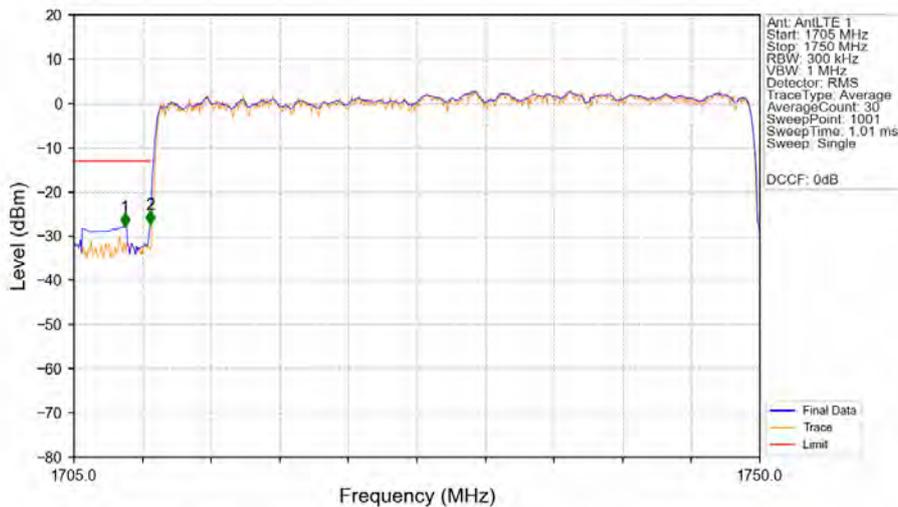
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	32.300	-51.96	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	960.650	-54.21	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1730MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



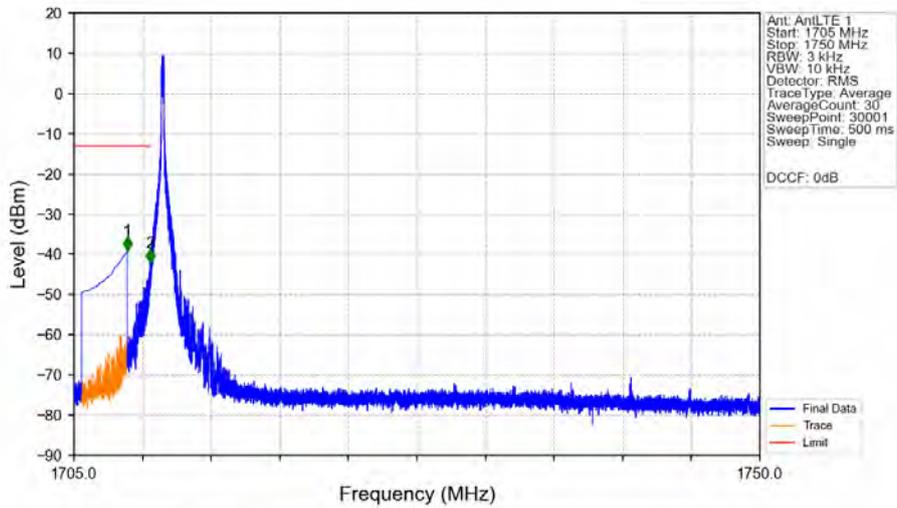
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.480	-50.91	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7866.720	-49.66	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
 CC2:1730MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



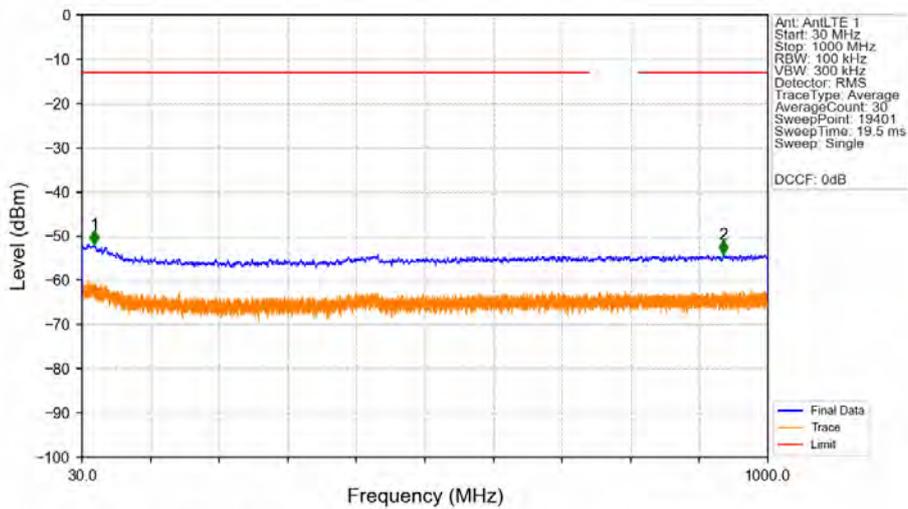
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.330	-27.88	-13	Pass
1709	1710	0.41612	CHP	2	1709.995	-27.23	-13	Pass
1710	1750	0.41612	CHP	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Inner_1RB_Left AntLTE 1



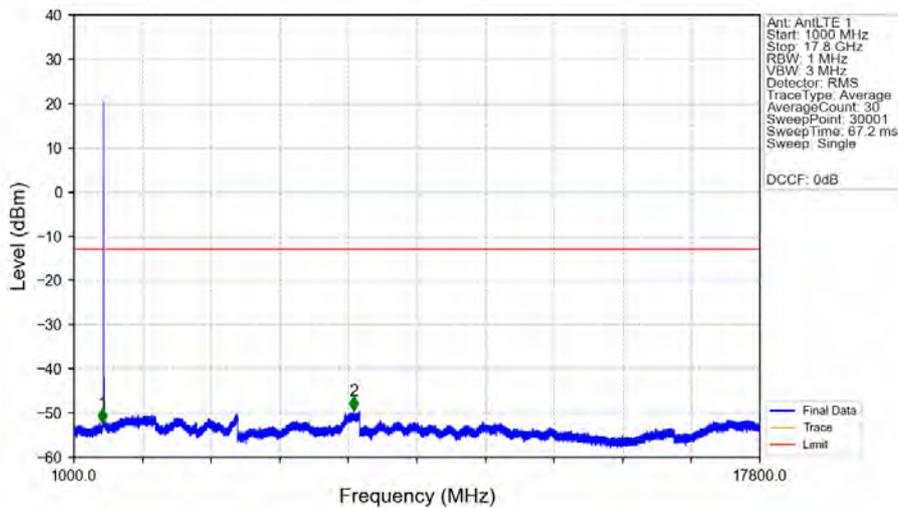
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-39.11	-13	Pass
1709	1710	0.003	/	2	1709.994	-42.05	-13	Pass
1710	1750	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



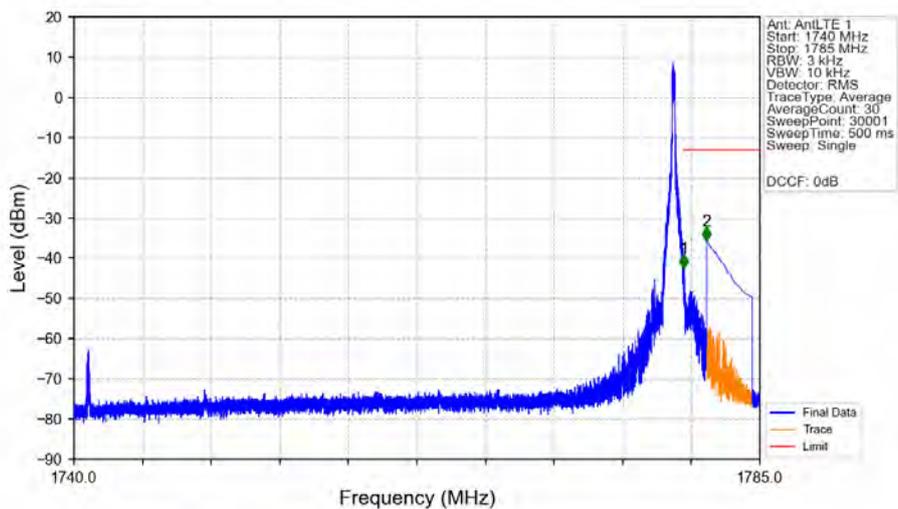
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	47.300	-51.81	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	937.500	-54.07	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left_AntLTE 1



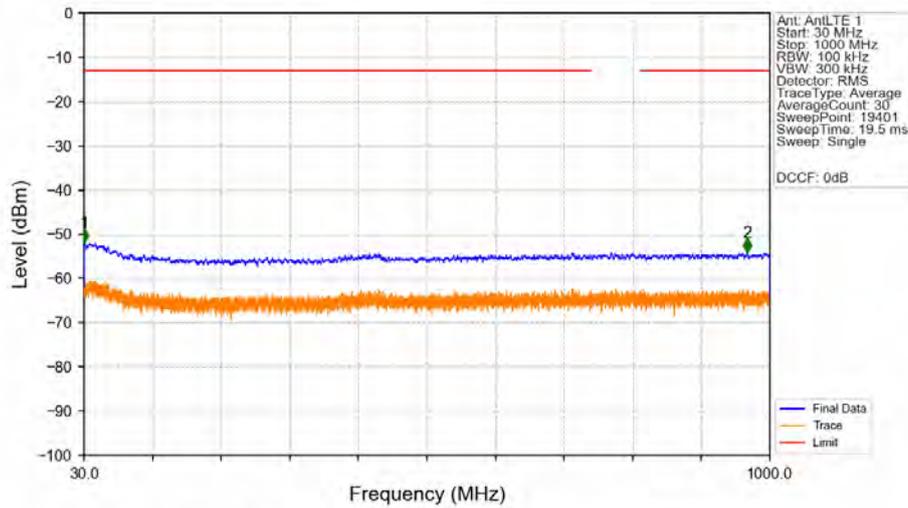
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1703.920	-52.11	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7857.760	-49.46	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1760MHz_LTE: 1RB_Right NR: Edge_1RB_Right_AntLTE 1

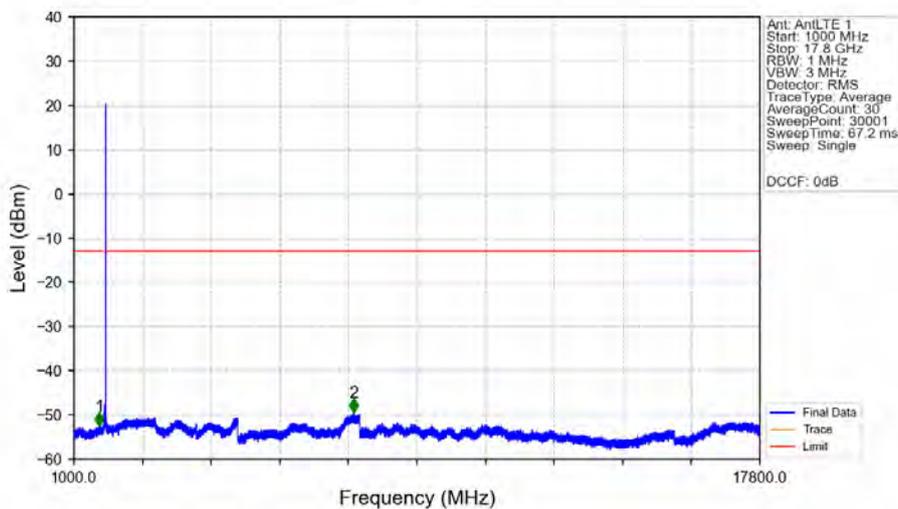


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.004	-42.47	-13	Pass
1781	1785	1	CHP	2	1781.501	-35.68	-13	Pass

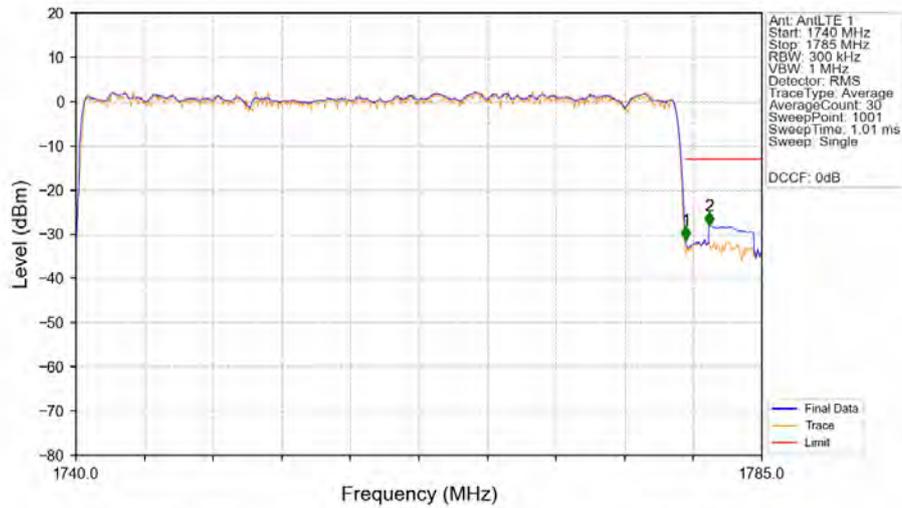
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1760MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



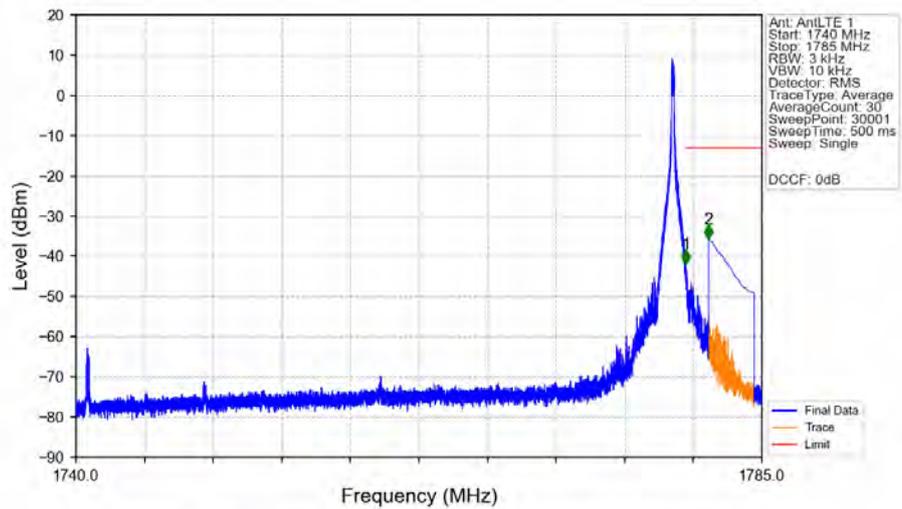
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1760MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



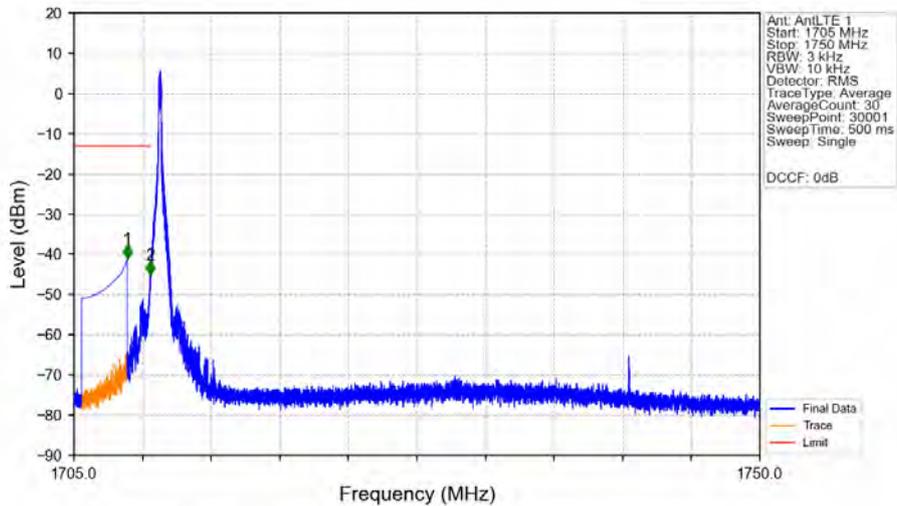
DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1760MHz_LTE: 1RB Left NR: Outer_Full_AntLTE 1



DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: DFT-s-OFDM QPSK_CC1:782
CC2:1760MHz_LTE: 1RB Left NR: Inner_1RB_Right_AntLTE 1

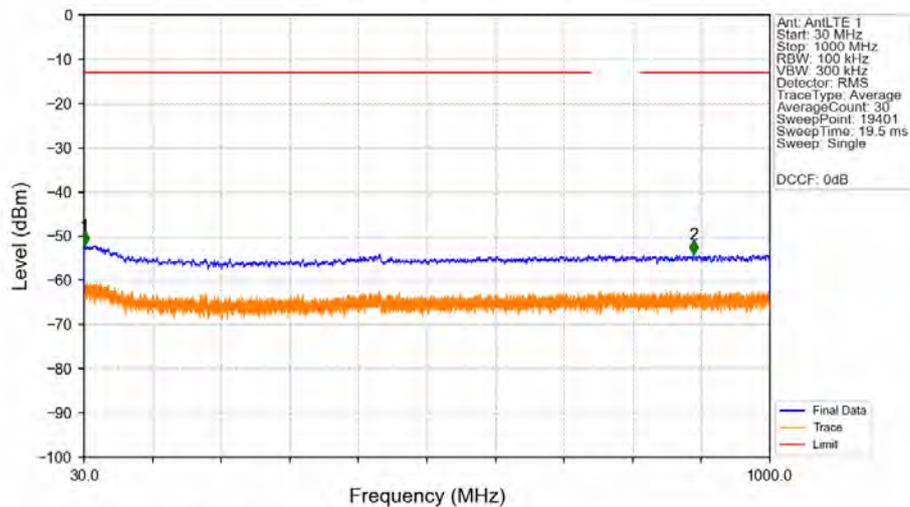


DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-41.13	-13	Pass
1709	1710	0.003	/	2	1709.999	-45.09	-13	Pass
1710	1750	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
CC2:1730MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1

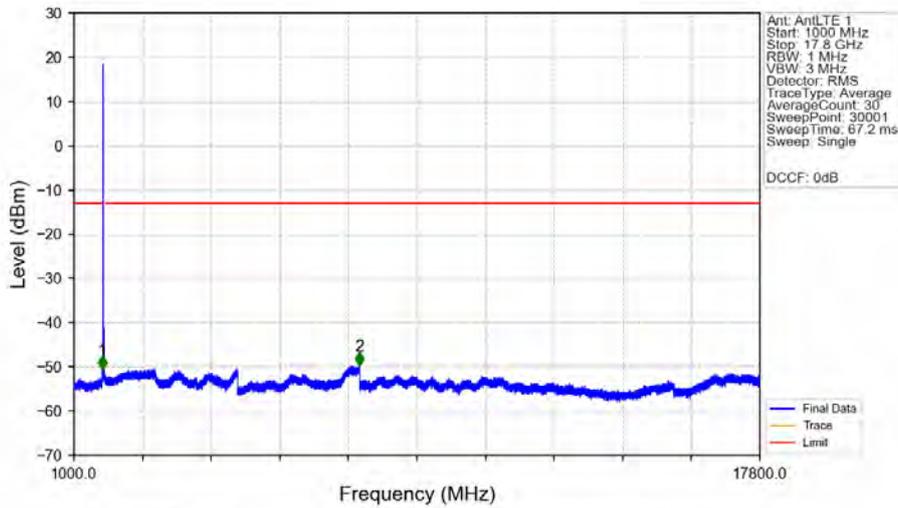


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	30.750	-52.09	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	892.550	-54.03	-13	Pass



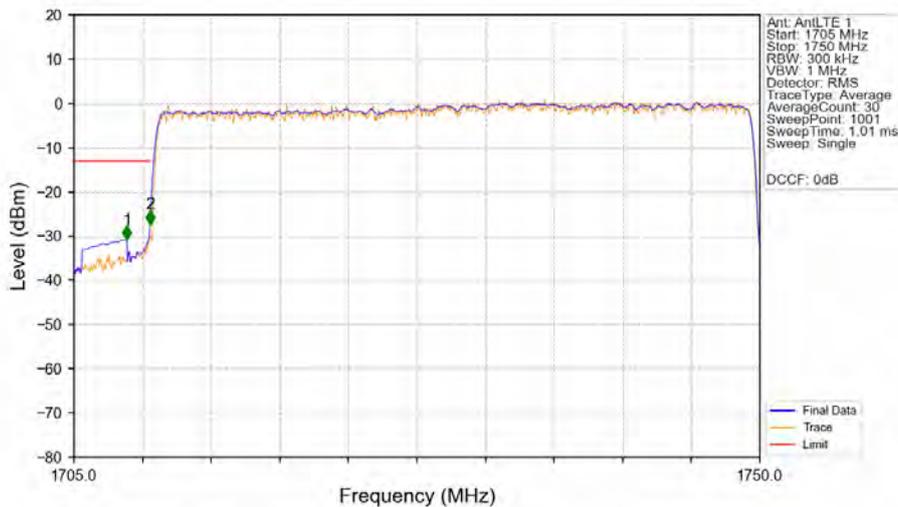
Test Report No.: PSU-NQN2504150110RF05

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1730MHz_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	1709	1	/	1	1693.840	-50.59	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7998.320	-49.70	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1730MHz_LTE: 1RB_Left NR: Outer_Full_AntLTE 1



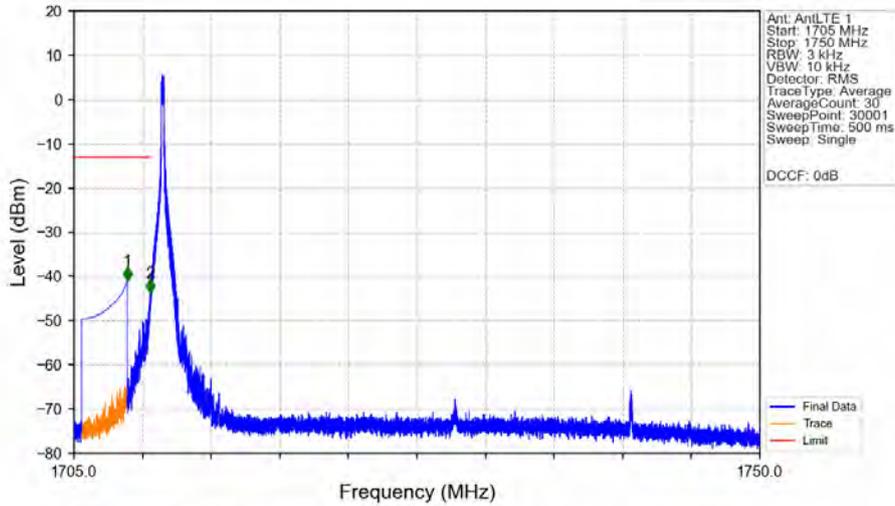
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.465	-30.69	-13	Pass
1709	1710	0.41294	CHP	2	1709.995	-27.21	-13	Pass
1710	1750	0.41294	CHP	/	/	/	/	/



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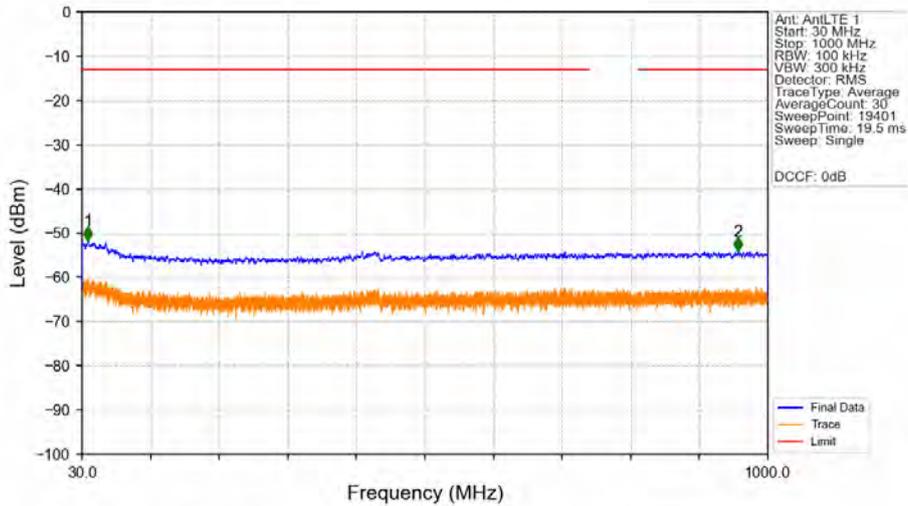
Test Report No.: PSU-NQN2504150110RF05

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1730MHz_LTE: 1RB_Left NR: Inner_1RB_Left AntLTE 1



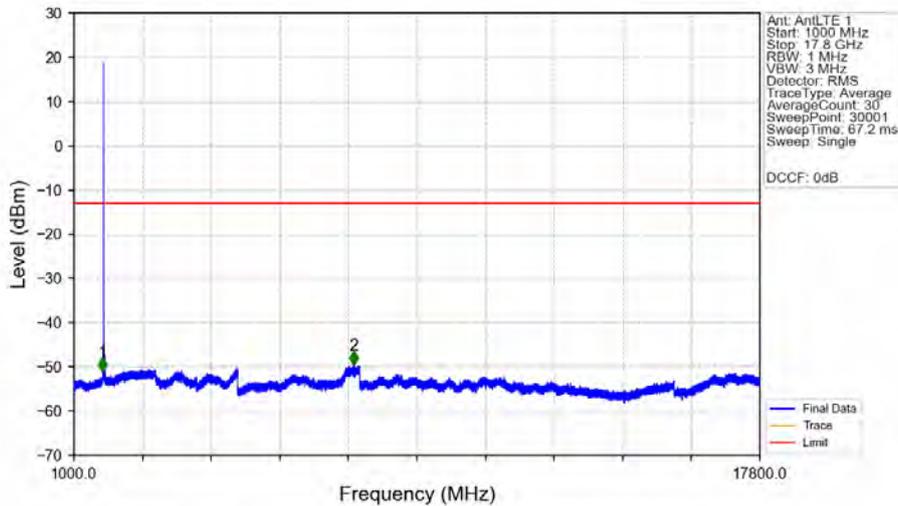
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-41.02	-13	Pass
1709	1710	0.003	/	2	1709.999	-43.77	-13	Pass
1710	1750	0.003	/	/	/	/	/	/

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



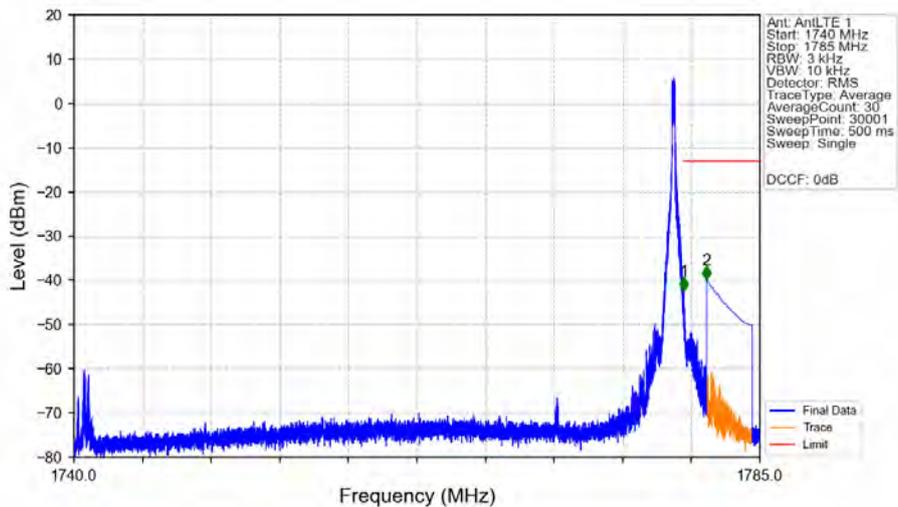
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	38.550	-51.62	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	958.150	-54.11	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1745MHz_LTE: 1RB_Left NR: Edge_1RB_Left AntLTE 1



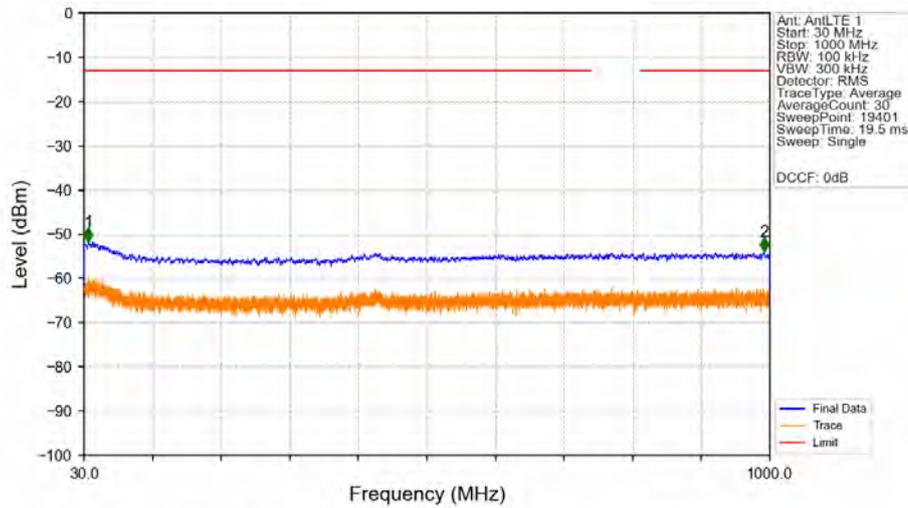
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1704.480	-51.03	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	7857.760	-49.60	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1760MHz_LTE: 1RB_Right NR: Edge_1RB_Right AntLTE 1



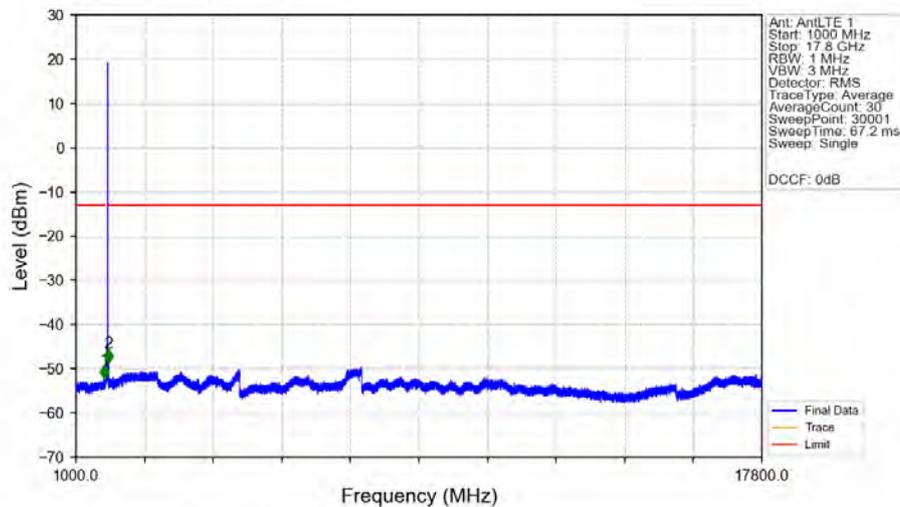
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.004	-42.34	-13	Pass
1781	1785	1	CHP	2	1781.501	-39.92	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1760MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



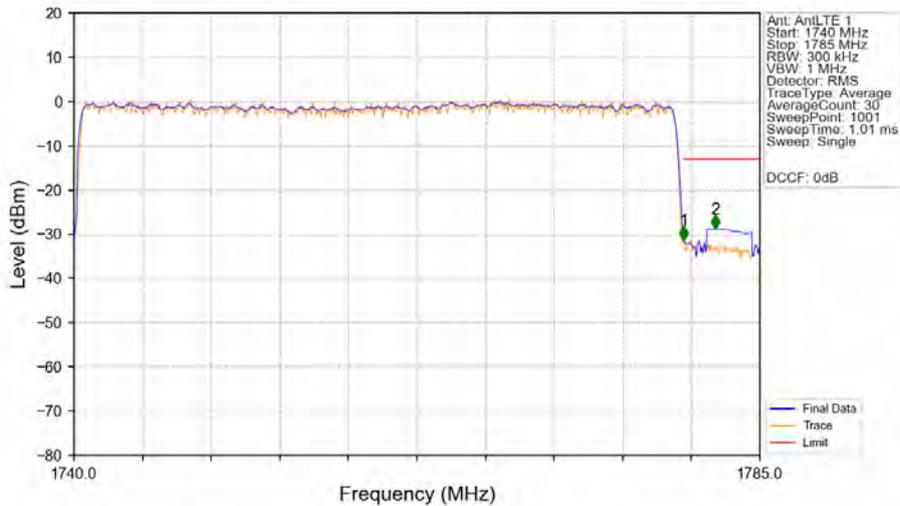
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	36.300	-51.72	-13	Pass
1000	817	1	CHP	/	/	/	/	/
817	1000	1	CHP	2	991.750	-53.89	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1760MHz_LTE: 1RB_Left NR: Edge 1RB_Right AntLTE 1



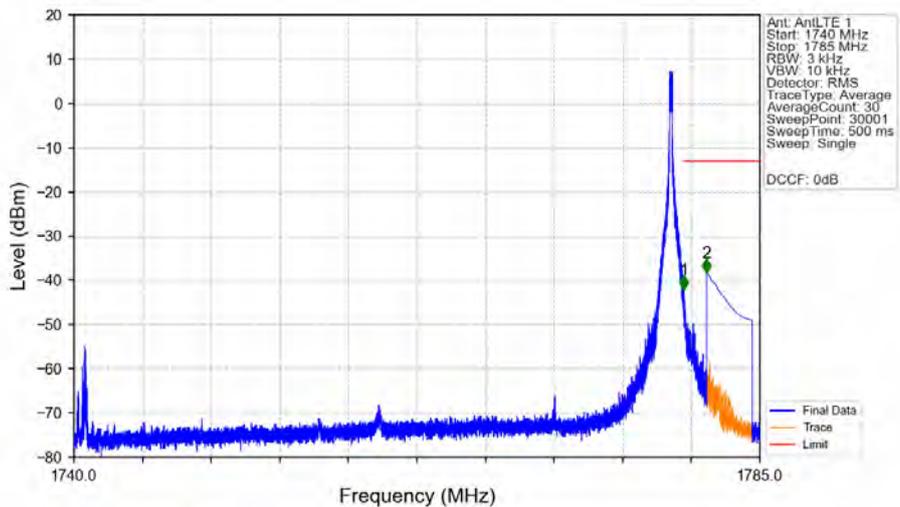
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1709	1	/	1	1703.360	-52.27	-13	Pass
1709	1785	1	/	/	/	/	/	/
1785	17800	1	/	2	1794.080	-48.72	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1760MHz_LTE: 1RB Left NR: Outer_Full_AntLTE 1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1780	0.41387	CHP	/	/	/	/	/
1780	1781	0.41387	CHP	1	1780.005	-31.38	-13	Pass
1781	1785	1	CHP	2	1782.075	-28.75	-13	Pass

DC_13A_n66A_15kHz_SISO_NTNV_CC1:10 CC2:40MHz_LTE: QPSK NR: CP-OFDM QPSK_CC1:782
 CC2:1760MHz_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
1740	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.018	-42.08	-13	Pass
1781	1785	1	CHP	2	1781.501	-38.20	-13	Pass

DC_66A_n41A

1. Frequency Stability

1.1 Test Result

1.1.1 30k_SISO_20MHz

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	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
					HV	-22.10	-0.0085	>=-2.5 & <=2.5	Pass
				-30	NV	-16.30	-0.0063	>=-2.5 & <=2.5	Pass
				-20	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
				-10	NV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
				0	NV	-22.30	-0.0086	>=-2.5 & <=2.5	Pass
				10	NV	-10.50	-0.0040	>=-2.5 & <=2.5	Pass
				20	NV	-17.80	-0.0069	>=-2.5 & <=2.5	Pass
				30	NV	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
				40	NV	-27.60	-0.0106	>=-2.5 & <=2.5	Pass
50	NV	-26.90	-0.0104	>=-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	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
					HV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				-30	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
				-20	NV	-21.30	-0.0082	>=-2.5 & <=2.5	Pass
				-10	NV	-17.40	-0.0067	>=-2.5 & <=2.5	Pass
				0	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				10	NV	-13.10	-0.0051	>=-2.5 & <=2.5	Pass
				20	NV	-21.00	-0.0081	>=-2.5 & <=2.5	Pass
				30	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				40	NV	-22.50	-0.0087	>=-2.5 & <=2.5	Pass
50	NV	-19.10	-0.0074	>=-2.5 & <=2.5	Pass				



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LTE: QPSK NR: DFT-s-OFDM 16 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
					HV	-20.40	-0.0079	>=-2.5 & <=2.5	Pass
				-30	NV	-22.90	-0.0088	>=-2.5 & <=2.5	Pass
				-20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
				-10	NV	-20.70	-0.0080	>=-2.5 & <=2.5	Pass
				0	NV	-16.10	-0.0062	>=-2.5 & <=2.5	Pass
				10	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
				20	NV	-16.50	-0.0064	>=-2.5 & <=2.5	Pass
				30	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
				40	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
				50	NV	-21.30	-0.0082	>=-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	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
					HV	-18.90	-0.0073	>=-2.5 & <=2.5	Pass
				-30	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
				-20	NV	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
				-10	NV	-17.20	-0.0066	>=-2.5 & <=2.5	Pass
				0	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				10	NV	-20.30	-0.0078	>=-2.5 & <=2.5	Pass
				20	NV	-23.40	-0.0090	>=-2.5 & <=2.5	Pass
				30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				40	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
				50	NV	-19.60	-0.0076	>=-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	-25.60	-0.0099	>=-2.5 & <=2.5	Pass
					HV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
				-30	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
				-20	NV	-18.90	-0.0073	>=-2.5 & <=2.5	Pass
				-10	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
				0	NV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
				10	NV	-10.50	-0.0040	>=-2.5 & <=2.5	Pass
				20	NV	-23.00	-0.0089	>=-2.5 & <=2.5	Pass
				30	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
				40	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass



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				50	NV	-13.90	-0.0054	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
					HV	-15.90	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-15.90	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-14.40	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-14.40	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-15.40	-0.0059	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-9.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-15.90	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-17.90	-0.0069	≥ -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	-18.30	-0.0071	≥ -2.5 & ≤ 2.5	Pass
					HV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-19.60	-0.0076	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-14.50	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-19.20	-0.0074	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-17.30	-0.0067	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-17.10	-0.0066	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-15.20	-0.0059	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-22.20	-0.0086	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-23.60	-0.0091	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-20.30	-0.0078	≥ -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	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
					HV	-12.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-12.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-19.40	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-16.60	-0.0064	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-10.30	-0.0040	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-6.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-17.20	-0.0066	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-21.90	-0.0084	≥ -2.5 & ≤ 2.5	Pass



LTE: QPSK NR: CP-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	40	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
				50	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
				20	LV	-16.10	-0.0062	>=-2.5 & <=2.5	Pass
					HV	-13.80	-0.0053	>=-2.5 & <=2.5	Pass
				-30	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				-20	NV	-18.40	-0.0071	>=-2.5 & <=2.5	Pass
				-10	NV	-21.20	-0.0082	>=-2.5 & <=2.5	Pass
				0	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
				10	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
				20	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				30	NV	-16.10	-0.0062	>=-2.5 & <=2.5	Pass
				40	NV	-18.60	-0.0072	>=-2.5 & <=2.5	Pass
				50	NV	-19.80	-0.0076	>=-2.5 & <=2.5	Pass

1.1.2 30k_SISO_30MHz

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: Outer_Full	20	LV	-17.20	-0.0066	>=-2.5 & <=2.5	Pass
					HV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass
				-30	NV	-18.10	-0.0070	>=-2.5 & <=2.5	Pass
				-20	NV	-23.00	-0.0089	>=-2.5 & <=2.5	Pass
				-10	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
				0	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
				10	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
				20	NV	-20.10	-0.0078	>=-2.5 & <=2.5	Pass
				30	NV	-16.90	-0.0065	>=-2.5 & <=2.5	Pass
				40	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
50	NV	-22.10	-0.0085	>=-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	-16.60	-0.0064	>=-2.5 & <=2.5	Pass
					HV	-16.30	-0.0063	>=-2.5 & <=2.5	Pass
				-30	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass



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								<=2.5					
				-20	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass				
				-10	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass				
				0	NV	-19.50	-0.0075	>=-2.5 & <=2.5	Pass				
				10	NV	-17.50	-0.0067	>=-2.5 & <=2.5	Pass				
				20	NV	-20.60	-0.0079	>=-2.5 & <=2.5	Pass				
				30	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass				
				40	NV	-13.70	-0.0053	>=-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	-23.30	-0.0090	>=-2.5 & <=2.5	Pass				
					HV	-22.40	-0.0086	>=-2.5 & <=2.5	Pass				
								-30	NV	-15.60	-0.0060	>=-2.5 & <=2.5	Pass
								-20	NV	-31.60	-0.0122	>=-2.5 & <=2.5	Pass
								-10	NV	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
								0	NV	-17.10	-0.0066	>=-2.5 & <=2.5	Pass
								10	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
								20	NV	-20.40	-0.0079	>=-2.5 & <=2.5	Pass
								30	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
								40	NV	-22.30	-0.0086	>=-2.5 & <=2.5	Pass
				50	NV	-17.30	-0.0067	>=-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	-17.50	-0.0067	>=-2.5 & <=2.5	Pass				
					HV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass				
								-30	NV	-20.00	-0.0077	>=-2.5 & <=2.5	Pass
								-20	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
								-10	NV	-15.50	-0.0060	>=-2.5 & <=2.5	Pass
								0	NV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
								10	NV	-17.10	-0.0066	>=-2.5 & <=2.5	Pass
								20	NV	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
								30	NV	-15.80	-0.0061	>=-2.5 & <=2.5	Pass
								40	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
				50	NV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 256 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR:	20	LV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass				
					HV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass				



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			Outer_Full					<=-2.5					
				-30	NV	-13.40	-0.0052	>=-2.5 & <=-2.5	Pass				
				-20	NV	-26.40	-0.0102	>=-2.5 & <=-2.5	Pass				
				-10	NV	-10.20	-0.0039	>=-2.5 & <=-2.5	Pass				
				0	NV	-15.20	-0.0059	>=-2.5 & <=-2.5	Pass				
				10	NV	-21.30	-0.0082	>=-2.5 & <=-2.5	Pass				
				20	NV	-9.30	-0.0036	>=-2.5 & <=-2.5	Pass				
				30	NV	-24.80	-0.0096	>=-2.5 & <=-2.5	Pass				
				40	NV	-18.70	-0.0072	>=-2.5 & <=-2.5	Pass				
				50	NV	-17.00	-0.0066	>=-2.5 & <=-2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-22.00	-0.0085	>=-2.5 & <=-2.5	Pass				
					HV	-17.70	-0.0068	>=-2.5 & <=-2.5	Pass				
								-30	NV	-4.30	-0.0017	>=-2.5 & <=-2.5	Pass
								-20	NV	-19.80	-0.0076	>=-2.5 & <=-2.5	Pass
								-10	NV	-17.20	-0.0066	>=-2.5 & <=-2.5	Pass
								0	NV	-18.00	-0.0069	>=-2.5 & <=-2.5	Pass
								10	NV	-15.10	-0.0058	>=-2.5 & <=-2.5	Pass
								20	NV	-15.60	-0.0060	>=-2.5 & <=-2.5	Pass
								30	NV	-15.10	-0.0058	>=-2.5 & <=-2.5	Pass
								40	NV	-19.90	-0.0077	>=-2.5 & <=-2.5	Pass
				50	NV	-19.00	-0.0073	>=-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	-13.00	-0.0050	>=-2.5 & <=-2.5	Pass				
					HV	-4.00	-0.0015	>=-2.5 & <=-2.5	Pass				
								-30	NV	-8.20	-0.0032	>=-2.5 & <=-2.5	Pass
								-20	NV	-8.70	-0.0034	>=-2.5 & <=-2.5	Pass
								-10	NV	-20.30	-0.0078	>=-2.5 & <=-2.5	Pass
								0	NV	-13.90	-0.0054	>=-2.5 & <=-2.5	Pass
								10	NV	-17.10	-0.0066	>=-2.5 & <=-2.5	Pass
								20	NV	-16.70	-0.0064	>=-2.5 & <=-2.5	Pass
								30	NV	-11.50	-0.0044	>=-2.5 & <=-2.5	Pass
								40	NV	-14.90	-0.0057	>=-2.5 & <=-2.5	Pass
				50	NV	-11.80	-0.0046	>=-2.5 & <=-2.5	Pass				
LTE: QPSK	/	CC1:1745	LTE:	20	LV	-7.90	-0.0030	>=-2.5 &	Pass				



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NR: CP-OFDM 64 QAM		CC2:2592.99	1RB_Left NR: Outer_Full					<=2.5	
					HV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
				-30	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
				-20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
				-10	NV	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
				0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				10	NV	-20.10	-0.0078	>=-2.5 & <=2.5	Pass
				20	NV	-14.50	-0.0056	>=-2.5 & <=2.5	Pass
				30	NV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
				40	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
				50	NV	-11.80	-0.0046	>=-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	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
					HV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
				-30	NV	-17.90	-0.0069	>=-2.5 & <=2.5	Pass
				-20	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
				-10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				0	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				10	NV	-15.80	-0.0061	>=-2.5 & <=2.5	Pass
				20	NV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
				30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				40	NV	-19.10	-0.0074	>=-2.5 & <=2.5	Pass
				50	NV	-19.20	-0.0074	>=-2.5 & <=2.5	Pass

1.1.3 30k_SISO_40MHz

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	-11.00	-0.0042	>=-2.5 & <=2.5	Pass	
					HV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass	
					-30	NV	-18.40	-0.0071	>=-2.5 & <=2.5	Pass
					-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
					-10	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass



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				0	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass				
				10	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass				
				20	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass				
				30	NV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass				
				40	NV	-16.90	-0.0065	>=-2.5 & <=2.5	Pass				
				50	NV	-16.00	-0.0062	>=-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	-17.50	-0.0067	>=-2.5 & <=2.5	Pass				
					HV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass				
								-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
								-20	NV	-25.10	-0.0097	>=-2.5 & <=2.5	Pass
								-10	NV	-14.90	-0.0057	>=-2.5 & <=2.5	Pass
								0	NV	-27.80	-0.0107	>=-2.5 & <=2.5	Pass
								10	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
								20	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
								30	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
								40	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
				50	NV	-23.80	-0.0092	>=-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	1.60	0.0006	>=-2.5 & <=2.5	Pass				
					HV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass				
								-30	NV	-21.50	-0.0083	>=-2.5 & <=2.5	Pass
								-20	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
								-10	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
								0	NV	-21.40	-0.0083	>=-2.5 & <=2.5	Pass
								10	NV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
								20	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
								30	NV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass
								40	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
				50	NV	-9.40	-0.0036	>=-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	-20.60	-0.0079	>=-2.5 & <=2.5	Pass				
					HV	-16.50	-0.0064	>=-2.5 & <=2.5	Pass				
								-30	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
								-20	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass



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				-10	NV	-12.10	-0.0047	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-7.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-9.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-14.30	-0.0055	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-12.80	-0.0049	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-12.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-16.60	-0.0064	≥ -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	-18.50	-0.0071	≥ -2.5 & ≤ 2.5	Pass				
					HV	-15.50	-0.0060	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-12.70	-0.0049	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-24.70	-0.0095	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-5.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-18.60	-0.0072	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-14.00	-0.0054	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-14.50	-0.0056	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-16.60	-0.0064	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-19.00	-0.0073	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.90	-0.0054	≥ -2.5 & ≤ 2.5	Pass				
					HV	-10.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-13.10	-0.0051	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-14.20	-0.0055	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-23.90	-0.0092	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-10.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-17.50	-0.0067	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-15.60	-0.0060	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-4.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-17.80	-0.0069	≥ -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	-11.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass				
					HV	-13.60	-0.0052	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-13.50	-0.0052	≥ -2.5 & ≤ 2.5	Pass



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				-20	NV	-13.70	-0.0053	≥ -2.5 & ≤ 2.5	Pass				
				-10	NV	-9.40	-0.0036	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-16.50	-0.0064	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-12.30	-0.0047	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-9.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-14.50	-0.0056	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-8.70	-0.0034	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-11.70	-0.0045	≥ -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	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass				
					HV	-19.10	-0.0074	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-9.90	-0.0038	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-16.10	-0.0062	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-6.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-13.00	-0.0050	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-18.50	-0.0071	≥ -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	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass				
					HV	-14.60	-0.0056	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-11.50	-0.0044	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-15.10	-0.0058	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-22.50	-0.0087	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-11.00	-0.0042	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-8.70	-0.0034	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-10.60	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-9.70	-0.0037	≥ -2.5 & ≤ 2.5	Pass				



1.1.4 30k_SISO_50MHz

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	-21.70	-0.0084	>=-2.5 & <=2.5	Pass
					HV	-20.30	-0.0078	>=-2.5 & <=2.5	Pass
				-30	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
				-20	NV	-20.60	-0.0079	>=-2.5 & <=2.5	Pass
				-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
				0	NV	-21.40	-0.0083	>=-2.5 & <=2.5	Pass
				10	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
				20	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
				30	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				40	NV	-14.50	-0.0056	>=-2.5 & <=2.5	Pass
50	NV	-15.10	-0.0058	>=-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	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
					HV	-20.60	-0.0079	>=-2.5 & <=2.5	Pass
				-30	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
				-20	NV	-19.90	-0.0077	>=-2.5 & <=2.5	Pass
				-10	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
				0	NV	-22.40	-0.0086	>=-2.5 & <=2.5	Pass
				10	NV	-21.10	-0.0081	>=-2.5 & <=2.5	Pass
				20	NV	-23.10	-0.0089	>=-2.5 & <=2.5	Pass
				30	NV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
				40	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
50	NV	-11.80	-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	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
					HV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				-30	NV	-17.10	-0.0066	>=-2.5 & <=2.5	Pass
				-20	NV	-18.90	-0.0073	>=-2.5 & <=2.5	Pass
				-10	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
0	NV	-16.60	-0.0064	>=-2.5 & <=2.5	Pass				



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				10	NV	-8.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-18.10	-0.0070	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.60	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-19.20	-0.0074	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-13.80	-0.0053	≥ -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	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
					HV	-15.60	-0.0060	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-16.50	-0.0064	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-8.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-16.70	-0.0064	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-23.30	-0.0090	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-11.00	-0.0042	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-24.90	-0.0096	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-18.70	-0.0072	≥ -2.5 & ≤ 2.5	Pass
50	NV	-9.90	-0.0038	≥ -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	-20.40	-0.0079	≥ -2.5 & ≤ 2.5	Pass
					HV	-13.10	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-23.60	-0.0091	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-26.80	-0.0103	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-17.80	-0.0069	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-9.90	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-7.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
50	NV	-21.20	-0.0082	≥ -2.5 & ≤ 2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.70	-0.0053	≥ -2.5 & ≤ 2.5	Pass
					HV	-18.30	-0.0071	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-9.60	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	4.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-13.10	-0.0051	≥ -2.5 & ≤ 2.5	Pass



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				0	NV	-22.60	-0.0087	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-13.60	-0.0052	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-16.10	-0.0062	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-15.10	-0.0058	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-11.80	-0.0046	≥ -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	-16.90	-0.0065	≥ -2.5 & ≤ 2.5	Pass				
					HV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-23.70	-0.0091	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-13.90	-0.0054	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-8.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-8.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-12.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-8.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-19.30	-0.0074	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-13.00	-0.0050	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-18.10	-0.0070	≥ -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	-19.90	-0.0077	≥ -2.5 & ≤ 2.5	Pass				
					HV	-22.00	-0.0085	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-11.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-11.30	-0.0044	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-25.00	-0.0096	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-13.60	-0.0052	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-24.00	-0.0093	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-15.60	-0.0060	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-16.70	-0.0064	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-19.70	-0.0076	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-23.00	-0.0089	≥ -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	-15.00	-0.0058	≥ -2.5 & ≤ 2.5	Pass				
					HV	-18.70	-0.0072	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-16.10	-0.0062	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-13.60	-0.0052	≥ -2.5 & ≤ 2.5	Pass



				-10	NV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
				0	NV	-20.30	-0.0078	>=-2.5 & <=2.5	Pass
				10	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
				20	NV	-16.80	-0.0065	>=-2.5 & <=2.5	Pass
				30	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
				40	NV	-18.00	-0.0069	>=-2.5 & <=2.5	Pass
				50	NV	-22.10	-0.0085	>=-2.5 & <=2.5	Pass

1.1.5 30k_SISO_60MHz

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	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
					HV	-26.20	-0.0101	>=-2.5 & <=2.5	Pass
				-30	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
				-20	NV	-22.50	-0.0087	>=-2.5 & <=2.5	Pass
				-10	NV	-13.50	-0.0052	>=-2.5 & <=2.5	Pass
				0	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				10	NV	-19.00	-0.0073	>=-2.5 & <=2.5	Pass
				20	NV	-12.90	-0.0050	>=-2.5 & <=2.5	Pass
				30	NV	-22.20	-0.0086	>=-2.5 & <=2.5	Pass
				40	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
50	NV	-17.40	-0.0067	>=-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	-15.50	-0.0060	>=-2.5 & <=2.5	Pass
					HV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
				-30	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
				-20	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
				-10	NV	-17.80	-0.0069	>=-2.5 & <=2.5	Pass
				0	NV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass
				10	NV	-19.90	-0.0077	>=-2.5 & <=2.5	Pass
				20	NV	-17.50	-0.0067	>=-2.5 & <=2.5	Pass
30	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass				



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								<=2.5					
				40	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass				
				50	NV	-9.70	-0.0037	>=-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	-13.20	-0.0051	>=-2.5 & <=2.5	Pass				
					HV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass				
								-30	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
								-20	NV	-13.60	-0.0052	>=-2.5 & <=2.5	Pass
								-10	NV	-16.90	-0.0065	>=-2.5 & <=2.5	Pass
								0	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
								10	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
								20	NV	-19.10	-0.0074	>=-2.5 & <=2.5	Pass
								30	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
								40	NV	-17.80	-0.0069	>=-2.5 & <=2.5	Pass
								50	NV	-22.00	-0.0085	>=-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	-14.80	-0.0057	>=-2.5 & <=2.5						Pass				
								-30	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
								-20	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
								-10	NV	-16.30	-0.0063	>=-2.5 & <=2.5	Pass
								0	NV	-12.70	-0.0049	>=-2.5 & <=2.5	Pass
								10	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
								20	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
								30	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
								40	NV	-10.30	-0.0040	>=-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	-19.70	-0.0076	>=-2.5 & <=2.5	Pass				
					HV	-19.20	-0.0074	>=-2.5 & <=2.5	Pass				
								-30	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
								-20	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
								-10	NV	-18.00	-0.0069	>=-2.5 & <=2.5	Pass
								0	NV	-19.00	-0.0073	>=-2.5 & <=2.5	Pass
								10	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
								20	NV	-20.10	-0.0078	>=-2.5 & <=2.5	Pass



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									<=2.5					
				30	NV	-14.90	-0.0057		>=-2.5 & <=2.5	Pass				
				40	NV	-16.30	-0.0063		>=-2.5 & <=2.5	Pass				
				50	NV	-19.80	-0.0076		>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-9.10	-0.0035		>=-2.5 & <=2.5	Pass				
					HV	-12.80	-0.0049		>=-2.5 & <=2.5	Pass				
								-30	NV	-19.80	-0.0076		>=-2.5 & <=2.5	Pass
								-20	NV	-19.70	-0.0076		>=-2.5 & <=2.5	Pass
								-10	NV	-14.80	-0.0057		>=-2.5 & <=2.5	Pass
								0	NV	-14.50	-0.0056		>=-2.5 & <=2.5	Pass
								10	NV	-2.90	-0.0011		>=-2.5 & <=2.5	Pass
								20	NV	-13.90	-0.0054		>=-2.5 & <=2.5	Pass
								30	NV	-14.80	-0.0057		>=-2.5 & <=2.5	Pass
								40	NV	-20.70	-0.0080		>=-2.5 & <=2.5	Pass
								50	NV	-21.70	-0.0084		>=-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	-14.70	-0.0057							>=-2.5 & <=2.5	Pass				
								-30	NV	-9.70	-0.0037		>=-2.5 & <=2.5	Pass
								-20	NV	-15.80	-0.0061		>=-2.5 & <=2.5	Pass
								-10	NV	-11.80	-0.0046		>=-2.5 & <=2.5	Pass
								0	NV	-10.80	-0.0042		>=-2.5 & <=2.5	Pass
								10	NV	-10.20	-0.0039		>=-2.5 & <=2.5	Pass
								20	NV	-16.30	-0.0063		>=-2.5 & <=2.5	Pass
								30	NV	-12.70	-0.0049		>=-2.5 & <=2.5	Pass
								40	NV	-11.10	-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	-21.00	-0.0081		>=-2.5 & <=2.5	Pass				
					HV	5.30	0.0020		>=-2.5 & <=2.5	Pass				
								-30	NV	-11.20	-0.0043		>=-2.5 & <=2.5	Pass
								-20	NV	-11.00	-0.0042		>=-2.5 & <=2.5	Pass
								-10	NV	-15.70	-0.0061		>=-2.5 & <=2.5	Pass
								0	NV	-6.10	-0.0024		>=-2.5 & <=2.5	Pass
								10	NV	-18.00	-0.0069		>=-2.5 & <=2.5	Pass



								<=2.5					
				20	NV	-13.80	-0.0053	>=-2.5 & <=2.5	Pass				
				30	NV	-17.20	-0.0066	>=-2.5 & <=2.5	Pass				
				40	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass				
				50	NV	-15.60	-0.0060	>=-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	-11.70	-0.0045	>=-2.5 & <=2.5	Pass				
					HV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass				
								-30	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
								-20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
								-10	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
								0	NV	-17.10	-0.0066	>=-2.5 & <=2.5	Pass
								10	NV	-20.70	-0.0080	>=-2.5 & <=2.5	Pass
								20	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
								30	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
								40	NV	-18.30	-0.0071	>=-2.5 & <=2.5	Pass
								50	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass

1.1.6 30k_SISO_70MHz

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	-23.20	-0.0089	>=-2.5 & <=2.5	Pass				
					HV	-18.70	-0.0072	>=-2.5 & <=2.5	Pass				
								-30	NV	-14.70	-0.0057	>=-2.5 & <=2.5	Pass
								-20	NV	-23.20	-0.0089	>=-2.5 & <=2.5	Pass
								-10	NV	-21.00	-0.0081	>=-2.5 & <=2.5	Pass
								0	NV	-16.30	-0.0063	>=-2.5 & <=2.5	Pass
								10	NV	-23.40	-0.0090	>=-2.5 & <=2.5	Pass
								20	NV	-20.30	-0.0078	>=-2.5 & <=2.5	Pass
								30	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
								40	NV	-15.80	-0.0061	>=-2.5 & <=2.5	Pass
								50	NV	-18.30	-0.0071	>=-2.5 & <=2.5	Pass



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LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
					HV	-19.20	-0.0074	>=-2.5 & <=2.5	Pass
				-30	NV	-19.00	-0.0073	>=-2.5 & <=2.5	Pass
				-20	NV	-16.90	-0.0065	>=-2.5 & <=2.5	Pass
				-10	NV	-22.90	-0.0088	>=-2.5 & <=2.5	Pass
				0	NV	-22.80	-0.0088	>=-2.5 & <=2.5	Pass
				10	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
				20	NV	-21.10	-0.0081	>=-2.5 & <=2.5	Pass
				30	NV	-30.90	-0.0119	>=-2.5 & <=2.5	Pass
				40	NV	-15.50	-0.0060	>=-2.5 & <=2.5	Pass
				50	NV	-13.90	-0.0054	>=-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	-19.70	-0.0076	>=-2.5 & <=2.5	Pass
					HV	-15.60	-0.0060	>=-2.5 & <=2.5	Pass
				-30	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
				-20	NV	-16.50	-0.0064	>=-2.5 & <=2.5	Pass
				-10	NV	-15.60	-0.0060	>=-2.5 & <=2.5	Pass
				0	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
				10	NV	-14.70	-0.0057	>=-2.5 & <=2.5	Pass
				20	NV	-14.40	-0.0056	>=-2.5 & <=2.5	Pass
				30	NV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
				40	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
				50	NV	-22.20	-0.0086	>=-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	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
					HV	-22.90	-0.0088	>=-2.5 & <=2.5	Pass
				-30	NV	-20.50	-0.0079	>=-2.5 & <=2.5	Pass
				-20	NV	-20.40	-0.0079	>=-2.5 & <=2.5	Pass
				-10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
				0	NV	-18.70	-0.0072	>=-2.5 & <=2.5	Pass
				10	NV	-23.40	-0.0090	>=-2.5 & <=2.5	Pass
				20	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
				30	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
				40	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass



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				50	NV	-16.70	-0.0064	≥ -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	-20.00	-0.0077	≥ -2.5 & ≤ 2.5	Pass
					HV	-19.40	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-14.60	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-12.80	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-24.10	-0.0093	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-14.60	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-5.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-9.30	-0.0036	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-22.60	-0.0087	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-14.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-17.50	-0.0067	≥ -2.5 & ≤ 2.5	Pass
					HV	-15.70	-0.0061	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-13.20	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-21.00	-0.0081	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-13.70	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-17.30	-0.0067	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-19.50	-0.0075	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-13.80	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-15.50	-0.0060	≥ -2.5 & ≤ 2.5	Pass
				40	NV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-18.20	-0.0070	≥ -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	-25.00	-0.0096	≥ -2.5 & ≤ 2.5	Pass
					HV	-16.80	-0.0065	≥ -2.5 & ≤ 2.5	Pass
				-30	NV	-14.00	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				-20	NV	-19.60	-0.0076	≥ -2.5 & ≤ 2.5	Pass
				-10	NV	-14.90	-0.0057	≥ -2.5 & ≤ 2.5	Pass
				0	NV	-20.30	-0.0078	≥ -2.5 & ≤ 2.5	Pass
				10	NV	-14.10	-0.0054	≥ -2.5 & ≤ 2.5	Pass
				20	NV	-19.80	-0.0076	≥ -2.5 & ≤ 2.5	Pass
				30	NV	-16.60	-0.0064	≥ -2.5 & ≤ 2.5	Pass



LTE: QPSK NR: CP-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	40	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				50	NV	-19.70	-0.0076	>=-2.5 & <=2.5	Pass
				20	LV	-16.60	-0.0064	>=-2.5 & <=2.5	Pass
					HV	-21.20	-0.0082	>=-2.5 & <=2.5	Pass
				-30	NV	-16.80	-0.0065	>=-2.5 & <=2.5	Pass
				-20	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
				-10	NV	-21.30	-0.0082	>=-2.5 & <=2.5	Pass
				0	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
				10	NV	-17.60	-0.0068	>=-2.5 & <=2.5	Pass
				20	NV	-16.80	-0.0065	>=-2.5 & <=2.5	Pass
				30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
				40	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
				50	NV	-11.60	-0.0045	>=-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	-20.80	-0.0080	>=-2.5 & <=2.5						Pass
-30	NV	-10.40	-0.0040					>=-2.5 & <=2.5	Pass
-20	NV	-23.60	-0.0091					>=-2.5 & <=2.5	Pass
-10	NV	-13.80	-0.0053					>=-2.5 & <=2.5	Pass
0	NV	-20.70	-0.0080					>=-2.5 & <=2.5	Pass
10	NV	-19.40	-0.0075					>=-2.5 & <=2.5	Pass
20	NV	-17.00	-0.0066					>=-2.5 & <=2.5	Pass
30	NV	-18.40	-0.0071					>=-2.5 & <=2.5	Pass
40	NV	-19.10	-0.0074					>=-2.5 & <=2.5	Pass
50	NV	-18.10	-0.0070	>=-2.5 & <=2.5	Pass				

1.1.7 30k_SISO_80MHz

5G NR DC_66A_n41A SCS=30kHz SISO 80MHz 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	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
					HV	-20.80	-0.0080	>=-2.5 & <=2.5	Pass
					-30	NV	-23.60	-0.0091	>=-2.5 &



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								<=-2.5					
				-20	NV	-21.70	-0.0084	>=-2.5 & <=-2.5	Pass				
				-10	NV	-15.50	-0.0060	>=-2.5 & <=-2.5	Pass				
				0	NV	-13.00	-0.0050	>=-2.5 & <=-2.5	Pass				
				10	NV	-14.90	-0.0057	>=-2.5 & <=-2.5	Pass				
				20	NV	-24.40	-0.0094	>=-2.5 & <=-2.5	Pass				
				30	NV	-10.70	-0.0041	>=-2.5 & <=-2.5	Pass				
				40	NV	-16.70	-0.0064	>=-2.5 & <=-2.5	Pass				
				50	NV	-14.10	-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	-18.60	-0.0072	>=-2.5 & <=-2.5	Pass				
					HV	-4.90	-0.0019	>=-2.5 & <=-2.5	Pass				
								-30	NV	-15.70	-0.0061	>=-2.5 & <=-2.5	Pass
								-20	NV	-15.80	-0.0061	>=-2.5 & <=-2.5	Pass
								-10	NV	-9.30	-0.0036	>=-2.5 & <=-2.5	Pass
								0	NV	-26.00	-0.0100	>=-2.5 & <=-2.5	Pass
								10	NV	-17.20	-0.0066	>=-2.5 & <=-2.5	Pass
								20	NV	-12.70	-0.0049	>=-2.5 & <=-2.5	Pass
								30	NV	-17.30	-0.0067	>=-2.5 & <=-2.5	Pass
								40	NV	-14.60	-0.0056	>=-2.5 & <=-2.5	Pass
				50	NV	-19.90	-0.0077	>=-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	-5.70	-0.0022	>=-2.5 & <=-2.5	Pass				
					HV	-8.40	-0.0032	>=-2.5 & <=-2.5	Pass				
								-30	NV	-18.00	-0.0069	>=-2.5 & <=-2.5	Pass
								-20	NV	-12.50	-0.0048	>=-2.5 & <=-2.5	Pass
								-10	NV	-17.00	-0.0066	>=-2.5 & <=-2.5	Pass
								0	NV	-17.90	-0.0069	>=-2.5 & <=-2.5	Pass
								10	NV	-26.00	-0.0100	>=-2.5 & <=-2.5	Pass
								20	NV	-22.20	-0.0086	>=-2.5 & <=-2.5	Pass
								30	NV	-8.80	-0.0034	>=-2.5 & <=-2.5	Pass
								40	NV	-14.70	-0.0057	>=-2.5 & <=-2.5	Pass
				50	NV	-13.60	-0.0052	>=-2.5 & <=-2.5	Pass				
LTE: QPSK NR: DFT-s-OFDM 64 QAM	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR:	20	LV	-19.90	-0.0077	>=-2.5 & <=-2.5	Pass				
					HV	-20.80	-0.0080	>=-2.5 &	Pass				



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			Outer_Full					<=-2.5					
				-30	NV	-4.30	-0.0017	>=-2.5 & <=-2.5	Pass				
				-20	NV	-8.40	-0.0032	>=-2.5 & <=-2.5	Pass				
				-10	NV	-11.70	-0.0045	>=-2.5 & <=-2.5	Pass				
				0	NV	-11.00	-0.0042	>=-2.5 & <=-2.5	Pass				
				10	NV	-5.40	-0.0021	>=-2.5 & <=-2.5	Pass				
				20	NV	-14.60	-0.0056	>=-2.5 & <=-2.5	Pass				
				30	NV	-10.40	-0.0040	>=-2.5 & <=-2.5	Pass				
				40	NV	-5.80	-0.0022	>=-2.5 & <=-2.5	Pass				
				50	NV	-11.00	-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	-13.50	-0.0052	>=-2.5 & <=-2.5	Pass				
					HV	-16.70	-0.0064	>=-2.5 & <=-2.5	Pass				
								-30	NV	-14.00	-0.0054	>=-2.5 & <=-2.5	Pass
								-20	NV	-17.70	-0.0068	>=-2.5 & <=-2.5	Pass
								-10	NV	-12.00	-0.0046	>=-2.5 & <=-2.5	Pass
								0	NV	-19.30	-0.0074	>=-2.5 & <=-2.5	Pass
								10	NV	-24.00	-0.0093	>=-2.5 & <=-2.5	Pass
								20	NV	-12.30	-0.0047	>=-2.5 & <=-2.5	Pass
								30	NV	-10.00	-0.0039	>=-2.5 & <=-2.5	Pass
								40	NV	-12.40	-0.0048	>=-2.5 & <=-2.5	Pass
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-14.80	-0.0057	>=-2.5 & <=-2.5	Pass				
					HV	-15.30	-0.0059	>=-2.5 & <=-2.5	Pass				
								-30	NV	-12.80	-0.0049	>=-2.5 & <=-2.5	Pass
								-20	NV	-5.00	-0.0019	>=-2.5 & <=-2.5	Pass
								-10	NV	-12.50	-0.0048	>=-2.5 & <=-2.5	Pass
								0	NV	-13.50	-0.0052	>=-2.5 & <=-2.5	Pass
								10	NV	-5.80	-0.0022	>=-2.5 & <=-2.5	Pass
								20	NV	-17.10	-0.0066	>=-2.5 & <=-2.5	Pass
								30	NV	-10.80	-0.0042	>=-2.5 & <=-2.5	Pass
								40	NV	-5.20	-0.0020	>=-2.5 & <=-2.5	Pass
				50	NV	-17.30	-0.0067	>=-2.5 & <=-2.5	Pass				
LTE: QPSK	/	CC1:1745	LTE:	20	LV	-16.20	-0.0062	>=-2.5 &	Pass				



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NR: CP-OFDM 16 QAM		CC2:2592.99	1RB_Left NR: Outer_Full					<=-2.5	
					HV	-9.60	-0.0037	>=-2.5 & <=-2.5	Pass
				-30	NV	-6.60	-0.0025	>=-2.5 & <=-2.5	Pass
				-20	NV	-8.80	-0.0034	>=-2.5 & <=-2.5	Pass
				-10	NV	-14.90	-0.0057	>=-2.5 & <=-2.5	Pass
				0	NV	-11.10	-0.0043	>=-2.5 & <=-2.5	Pass
				10	NV	-12.00	-0.0046	>=-2.5 & <=-2.5	Pass
				20	NV	-16.90	-0.0065	>=-2.5 & <=-2.5	Pass
				30	NV	-11.70	-0.0045	>=-2.5 & <=-2.5	Pass
				40	NV	-5.50	-0.0021	>=-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	-16.30	-0.0063	>=-2.5 & <=-2.5	Pass
					HV	-19.90	-0.0077	>=-2.5 & <=-2.5	Pass
				-30	NV	-12.90	-0.0050	>=-2.5 & <=-2.5	Pass
				-20	NV	-7.80	-0.0030	>=-2.5 & <=-2.5	Pass
				-10	NV	3.50	0.0013	>=-2.5 & <=-2.5	Pass
				0	NV	-11.20	-0.0043	>=-2.5 & <=-2.5	Pass
				10	NV	-13.70	-0.0053	>=-2.5 & <=-2.5	Pass
				20	NV	-15.30	-0.0059	>=-2.5 & <=-2.5	Pass
				30	NV	-12.40	-0.0048	>=-2.5 & <=-2.5	Pass
				40	NV	-5.50	-0.0021	>=-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	-9.60	-0.0037	>=-2.5 & <=-2.5	Pass
					HV	-9.50	-0.0037	>=-2.5 & <=-2.5	Pass
				-30	NV	-18.50	-0.0071	>=-2.5 & <=-2.5	Pass
				-20	NV	-6.40	-0.0025	>=-2.5 & <=-2.5	Pass
				-10	NV	1.40	0.0005	>=-2.5 & <=-2.5	Pass
				0	NV	-7.30	-0.0028	>=-2.5 & <=-2.5	Pass
				10	NV	-4.30	-0.0017	>=-2.5 & <=-2.5	Pass
				20	NV	-18.00	-0.0069	>=-2.5 & <=-2.5	Pass
				30	NV	-11.20	-0.0043	>=-2.5 & <=-2.5	Pass
				40	NV	-15.90	-0.0061	>=-2.5 & <=-2.5	Pass
	50	NV	-25.30	-0.0098	>=-2.5 &	Pass			



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				-10	NV	-25.10	-0.0097	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-17.30	-0.0067	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-7.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-17.10	-0.0066	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-12.60	-0.0049	≥ -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	-15.10	-0.0058	≥ -2.5 & ≤ 2.5	Pass				
					HV	-15.60	-0.0060	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-23.60	-0.0091	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-18.00	-0.0069	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-15.70	-0.0061	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-14.10	-0.0054	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-19.30	-0.0074	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-20.80	-0.0080	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-13.10	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-14.50	-0.0056	≥ -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	-12.80	-0.0049	≥ -2.5 & ≤ 2.5	Pass				
					HV	-11.60	-0.0045	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-20.30	-0.0078	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-15.10	-0.0058	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-19.30	-0.0074	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-14.00	-0.0054	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-16.40	-0.0063	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-19.20	-0.0074	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-10.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-14.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-5.10	-0.0020	≥ -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	-24.50	-0.0094	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-14.20	-0.0055	≥ -2.5 & ≤ 2.5	Pass



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				-20	NV	-19.00	-0.0073	≥ -2.5 & ≤ 2.5	Pass				
				-10	NV	-20.10	-0.0078	≥ -2.5 & ≤ 2.5	Pass				
				0	NV	-19.60	-0.0076	≥ -2.5 & ≤ 2.5	Pass				
				10	NV	-13.60	-0.0052	≥ -2.5 & ≤ 2.5	Pass				
				20	NV	-18.50	-0.0071	≥ -2.5 & ≤ 2.5	Pass				
				30	NV	-19.10	-0.0074	≥ -2.5 & ≤ 2.5	Pass				
				40	NV	-21.20	-0.0082	≥ -2.5 & ≤ 2.5	Pass				
				50	NV	-14.60	-0.0056	≥ -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	-17.80	-0.0069	≥ -2.5 & ≤ 2.5	Pass				
					HV	-21.40	-0.0083	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-17.10	-0.0066	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-12.10	-0.0047	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-8.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-25.90	-0.0100	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-7.60	-0.0029	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-11.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-11.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-13.80	-0.0053	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-10.30	-0.0040	≥ -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	-12.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass				
					HV	-16.70	-0.0064	≥ -2.5 & ≤ 2.5	Pass				
								-30	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
								-20	NV	-20.20	-0.0078	≥ -2.5 & ≤ 2.5	Pass
								-10	NV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
								0	NV	-22.70	-0.0088	≥ -2.5 & ≤ 2.5	Pass
								10	NV	-14.80	-0.0057	≥ -2.5 & ≤ 2.5	Pass
								20	NV	-16.10	-0.0062	≥ -2.5 & ≤ 2.5	Pass
								30	NV	-9.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
								40	NV	-12.70	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				50	NV	-8.20	-0.0032	≥ -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	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass				
					HV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass				



				-30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
				-20	NV	-16.70	-0.0064	>=-2.5 & <=2.5	Pass
				-10	NV	-17.80	-0.0069	>=-2.5 & <=2.5	Pass
				0	NV	-18.20	-0.0070	>=-2.5 & <=2.5	Pass
				10	NV	-20.80	-0.0080	>=-2.5 & <=2.5	Pass
				20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
				30	NV	-23.60	-0.0091	>=-2.5 & <=2.5	Pass
				40	NV	-24.30	-0.0094	>=-2.5 & <=2.5	Pass
				50	NV	-19.60	-0.0076	>=-2.5 & <=2.5	Pass

1.1.9 30k_SISO_100MHz

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	-19.70	-0.0076	>=-2.5 & <=2.5	Pass
					HV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
				-30	NV	-21.70	-0.0084	>=-2.5 & <=2.5	Pass
				-20	NV	-18.90	-0.0073	>=-2.5 & <=2.5	Pass
				-10	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
				0	NV	-17.90	-0.0069	>=-2.5 & <=2.5	Pass
				10	NV	-14.50	-0.0056	>=-2.5 & <=2.5	Pass
				20	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
				30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
				40	NV	-13.30	-0.0051	>=-2.5 & <=2.5	Pass
50	NV	-12.40	-0.0048	>=-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	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
					HV	-24.90	-0.0096	>=-2.5 & <=2.5	Pass
				-30	NV	-20.20	-0.0078	>=-2.5 & <=2.5	Pass
				-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				-10	NV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass
				0	NV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
				10	NV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass



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								<=2.5					
				20	NV	-21.90	-0.0084	>=-2.5 & <=2.5	Pass				
				30	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass				
				40	NV	-15.00	-0.0058	>=-2.5 & <=2.5	Pass				
				50	NV	-10.20	-0.0039	>=-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	-15.30	-0.0059	>=-2.5 & <=2.5	Pass				
					HV	-25.20	-0.0097	>=-2.5 & <=2.5	Pass				
								-30	NV	-21.40	-0.0083	>=-2.5 & <=2.5	Pass
								-20	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
								-10	NV	-17.00	-0.0066	>=-2.5 & <=2.5	Pass
								0	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
								10	NV	-20.90	-0.0081	>=-2.5 & <=2.5	Pass
								20	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
								30	NV	-25.60	-0.0099	>=-2.5 & <=2.5	Pass
								40	NV	-24.00	-0.0093	>=-2.5 & <=2.5	Pass
								50	NV	-21.70	-0.0084	>=-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	-19.90	-0.0077	>=-2.5 & <=2.5	Pass				
					HV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass				
								-30	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
								-20	NV	-18.00	-0.0069	>=-2.5 & <=2.5	Pass
								-10	NV	-15.60	-0.0060	>=-2.5 & <=2.5	Pass
								0	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
								10	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
								20	NV	-20.70	-0.0080	>=-2.5 & <=2.5	Pass
								30	NV	-18.20	-0.0070	>=-2.5 & <=2.5	Pass
								40	NV	-16.20	-0.0062	>=-2.5 & <=2.5	Pass
								50	NV	-27.80	-0.0107	>=-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	-9.10	-0.0035	>=-2.5 & <=2.5	Pass				
					HV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass				
								-30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
								-20	NV	-14.70	-0.0057	>=-2.5 & <=2.5	Pass
								-10	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
								0	NV	-18.00	-0.0069	>=-2.5 & <=2.5	Pass



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									<=2.5					
				10	NV	-6.20	-0.0024		>=-2.5 & <=2.5	Pass				
				20	NV	-15.00	-0.0058		>=-2.5 & <=2.5	Pass				
				30	NV	-18.60	-0.0072		>=-2.5 & <=2.5	Pass				
				40	NV	-17.80	-0.0069		>=-2.5 & <=2.5	Pass				
				50	NV	-17.90	-0.0069		>=-2.5 & <=2.5	Pass				
LTE: QPSK NR: CP-OFDM QPSK	/	CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	20	LV	-12.00	-0.0046		>=-2.5 & <=2.5	Pass				
					HV	-18.00	-0.0069		>=-2.5 & <=2.5	Pass				
								-30	NV	-18.00	-0.0069		>=-2.5 & <=2.5	Pass
								-20	NV	-21.20	-0.0082		>=-2.5 & <=2.5	Pass
								-10	NV	-3.70	-0.0014		>=-2.5 & <=2.5	Pass
								0	NV	-11.60	-0.0045		>=-2.5 & <=2.5	Pass
								10	NV	-16.60	-0.0064		>=-2.5 & <=2.5	Pass
								20	NV	-26.40	-0.0102		>=-2.5 & <=2.5	Pass
								30	NV	-11.60	-0.0045		>=-2.5 & <=2.5	Pass
								40	NV	-11.80	-0.0046		>=-2.5 & <=2.5	Pass
				50	NV	-11.60	-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	-22.20	-0.0086		>=-2.5 & <=2.5	Pass				
					HV	-11.20	-0.0043		>=-2.5 & <=2.5	Pass				
								-30	NV	-14.00	-0.0054		>=-2.5 & <=2.5	Pass
								-20	NV	-11.50	-0.0044		>=-2.5 & <=2.5	Pass
								-10	NV	-10.90	-0.0042		>=-2.5 & <=2.5	Pass
								0	NV	-20.00	-0.0077		>=-2.5 & <=2.5	Pass
								10	NV	-19.60	-0.0076		>=-2.5 & <=2.5	Pass
								20	NV	-15.30	-0.0059		>=-2.5 & <=2.5	Pass
								30	NV	-7.70	-0.0030		>=-2.5 & <=2.5	Pass
								40	NV	-18.50	-0.0071		>=-2.5 & <=2.5	Pass
				50	NV	-14.90	-0.0057		>=-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	-9.20	-0.0035		>=-2.5 & <=2.5	Pass				
					HV	-20.00	-0.0077		>=-2.5 & <=2.5	Pass				
								-30	NV	-16.20	-0.0062		>=-2.5 & <=2.5	Pass
								-20	NV	-10.60	-0.0041		>=-2.5 & <=2.5	Pass
								-10	NV	-6.80	-0.0026		>=-2.5 & <=2.5	Pass



									<=2.5					
				0	NV	-3.20	-0.0012		>=-2.5 & <=2.5	Pass				
				10	NV	-26.90	-0.0104		>=-2.5 & <=2.5	Pass				
				20	NV	-13.20	-0.0051		>=-2.5 & <=2.5	Pass				
				30	NV	-15.80	-0.0061		>=-2.5 & <=2.5	Pass				
				40	NV	-14.60	-0.0056		>=-2.5 & <=2.5	Pass				
				50	NV	-19.90	-0.0077		>=-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	-11.20	-0.0043		>=-2.5 & <=2.5	Pass				
					HV	-22.00	-0.0085		>=-2.5 & <=2.5	Pass				
								-30	NV	-22.50	-0.0087		>=-2.5 & <=2.5	Pass
								-20	NV	-18.00	-0.0069		>=-2.5 & <=2.5	Pass
								-10	NV	-11.00	-0.0042		>=-2.5 & <=2.5	Pass
								0	NV	-19.50	-0.0075		>=-2.5 & <=2.5	Pass
								10	NV	-14.70	-0.0057		>=-2.5 & <=2.5	Pass
								20	NV	-14.00	-0.0054		>=-2.5 & <=2.5	Pass
								30	NV	-21.30	-0.0082		>=-2.5 & <=2.5	Pass
								40	NV	-24.50	-0.0094		>=-2.5 & <=2.5	Pass
								50	NV	-24.70	-0.0095		>=-2.5 & <=2.5	Pass

2. 99% & 26dB Bandwidth

2.1 Test Result

2.1.1 30k_SISO_20MHz_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	18.07	19.41	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.03	19.89	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.05	19.57	/	Pass
LTE: QPSK NR: DFT-s-OFDM QPSK	/	CC1:1745 CC2:2506.02	LTE: 1RB_Left NR: Outer_Full	18.02	19.62	/	Pass
		CC1:1745 CC2:2592.99	LTE: 1RB_Left NR: Outer_Full	18.04	19.51	/	Pass
		CC1:1745 CC2:2679.99	LTE: 1RB_Left NR: Outer_Full	18.05	19.84	/	Pass
LTE: QPSK	/	CC1:1745	LTE: 1RB_Left	18.05	19.72	/	Pass