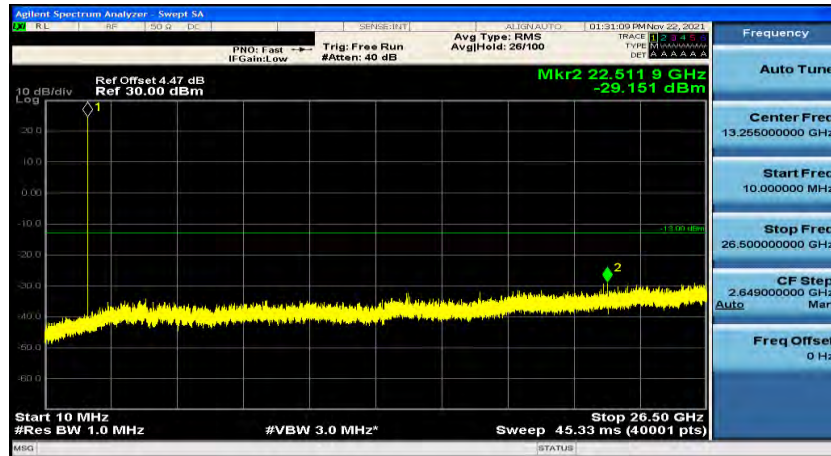
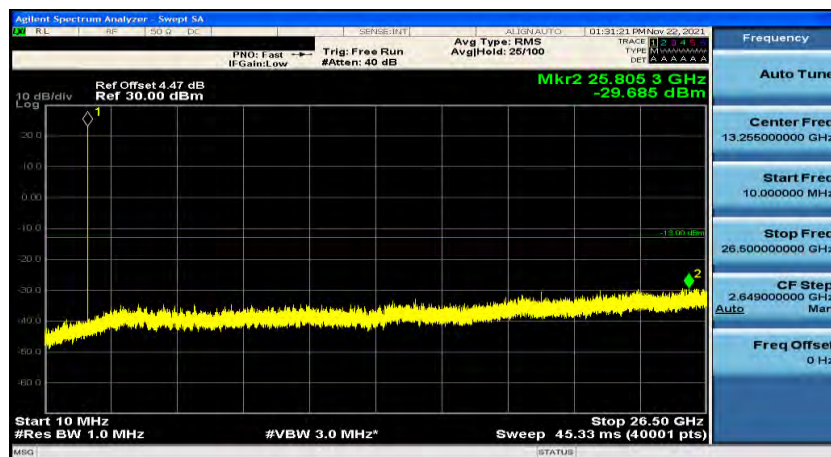


Channel Bandwidth: 3 MHz

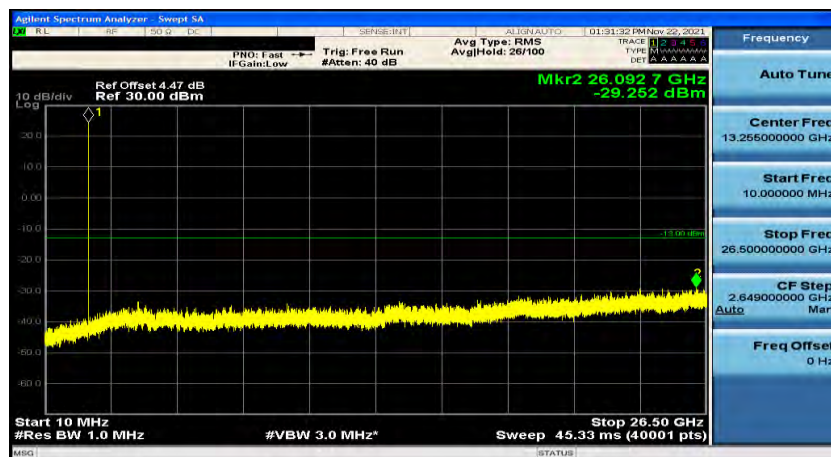
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

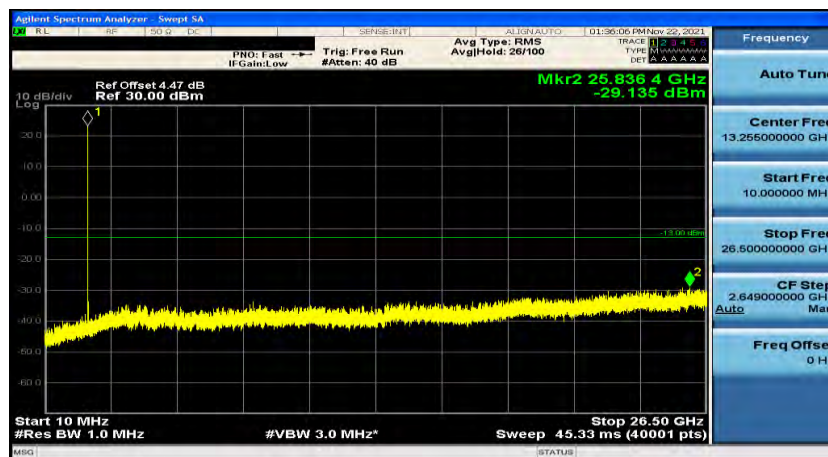


Channel Bandwidth: 5 MHz

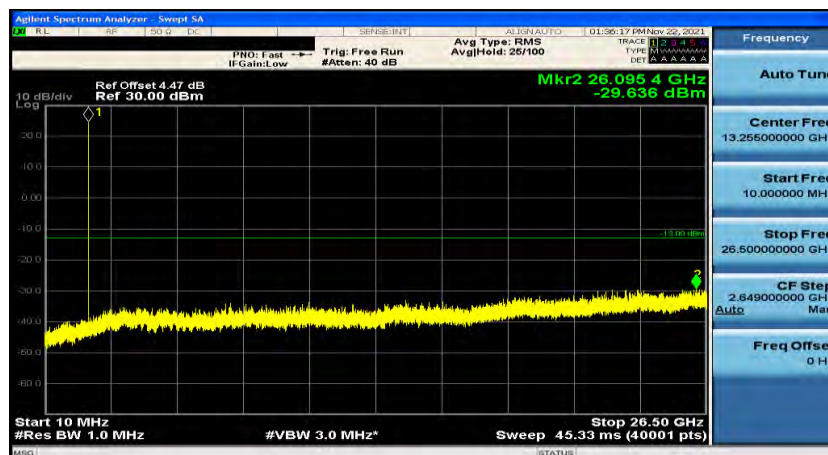
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

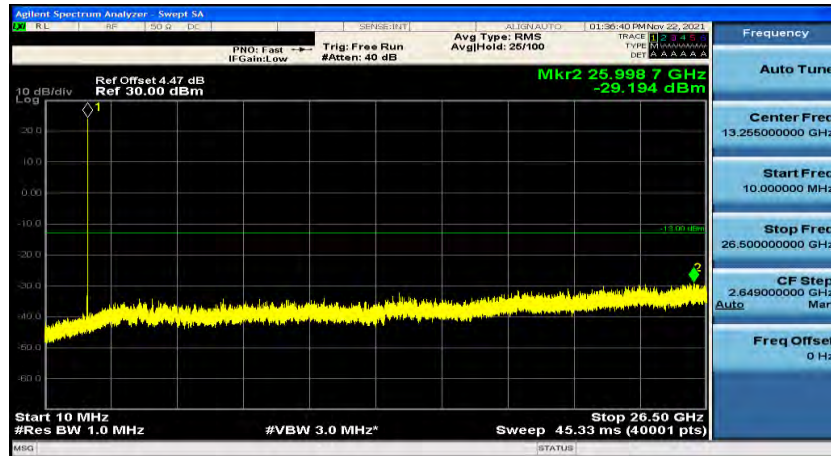


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

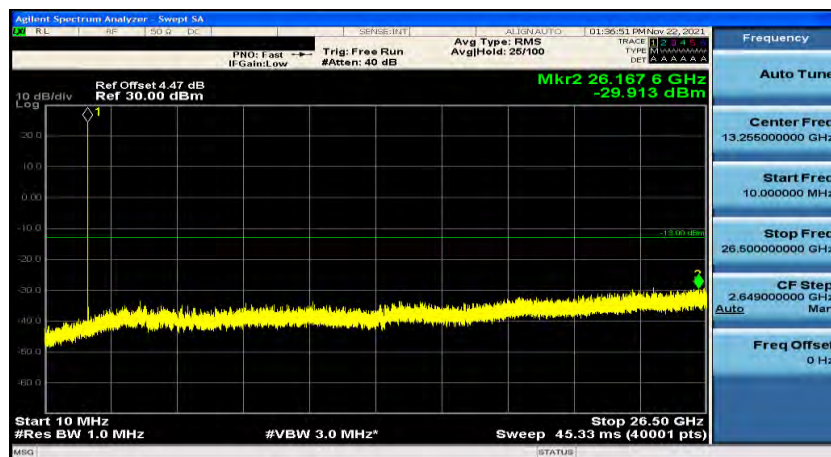


Channel Bandwidth: 10 MHz

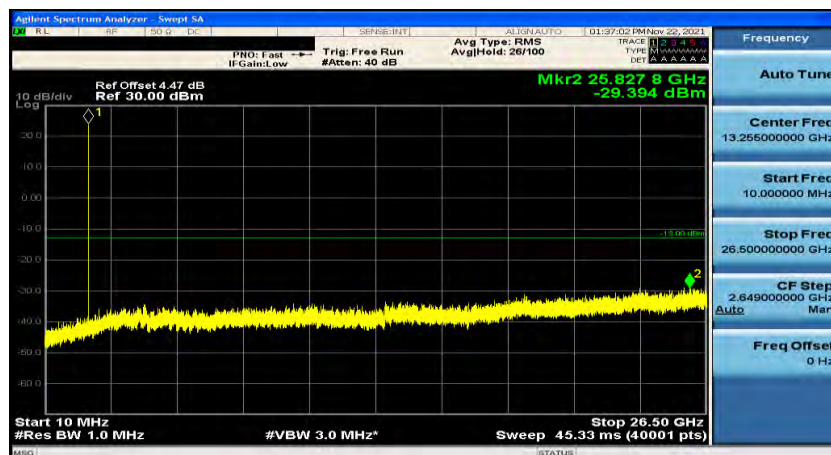
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0

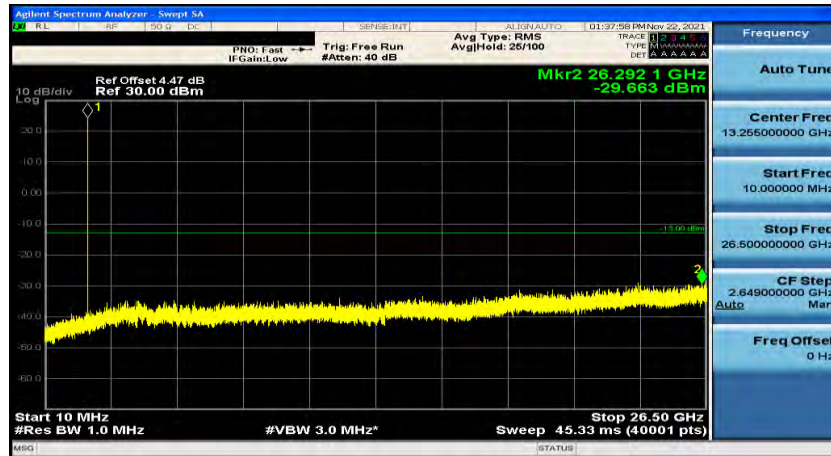


(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

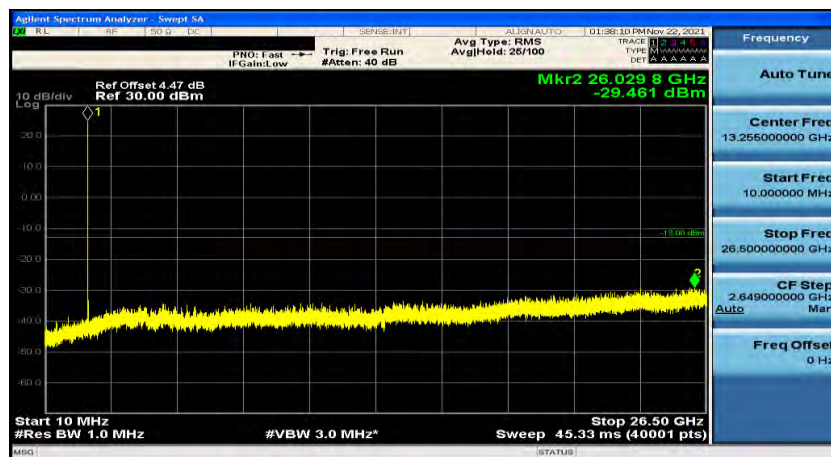


Channel Bandwidth: 15 MHz

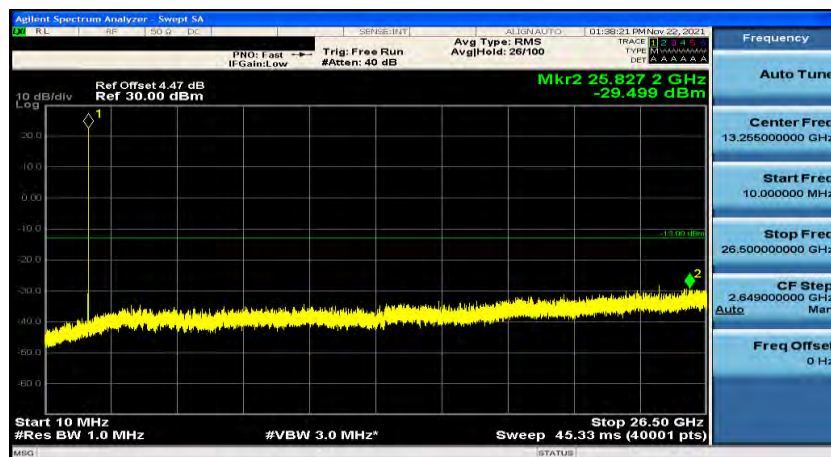
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

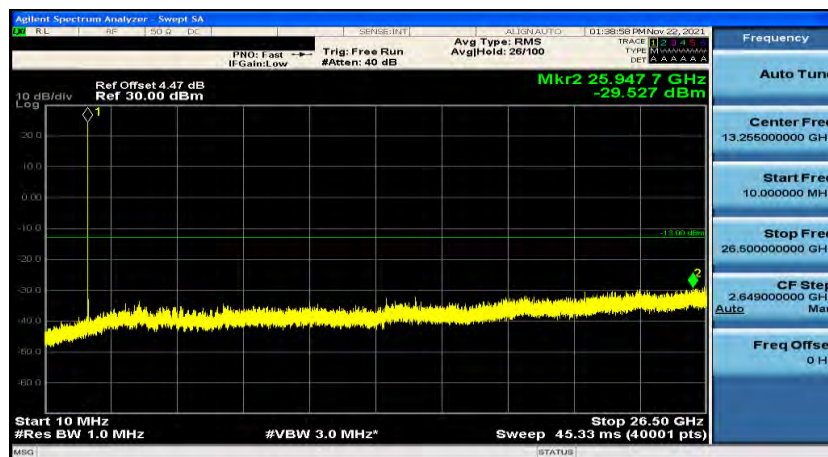


Channel Bandwidth: 20 MHz

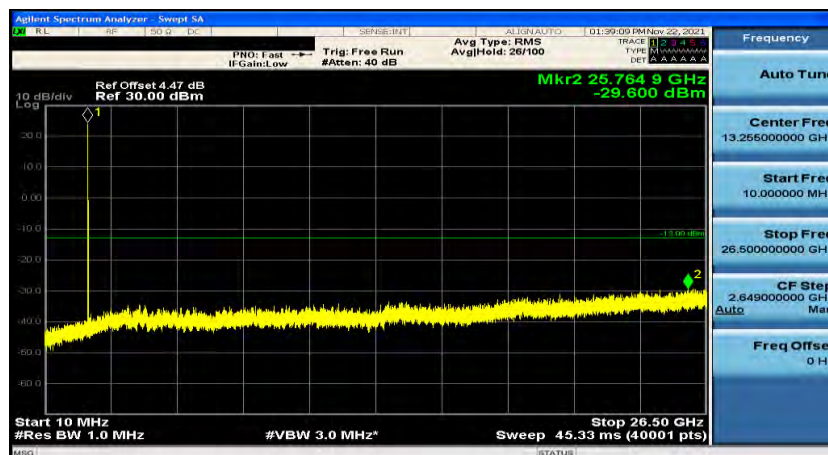
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



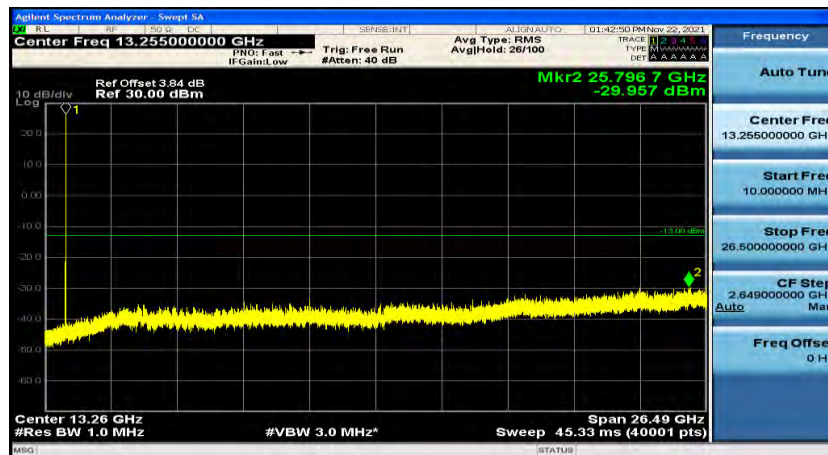
LTE band5 Test Graphs

Channel Bandwidth: 1.4 MHz

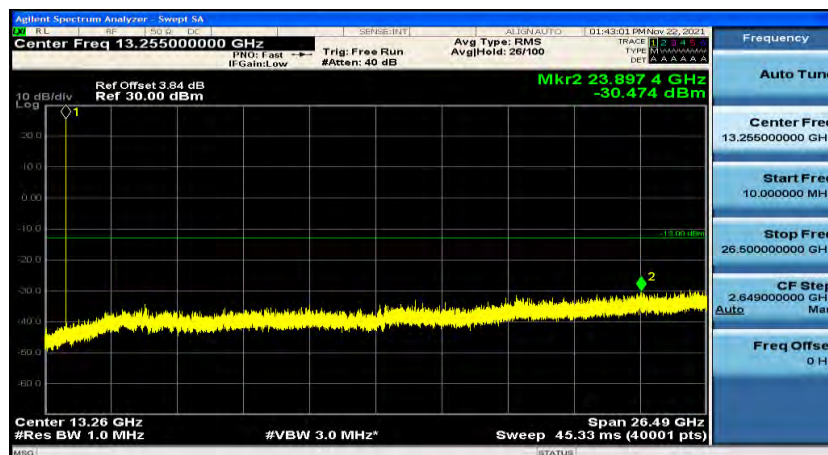
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

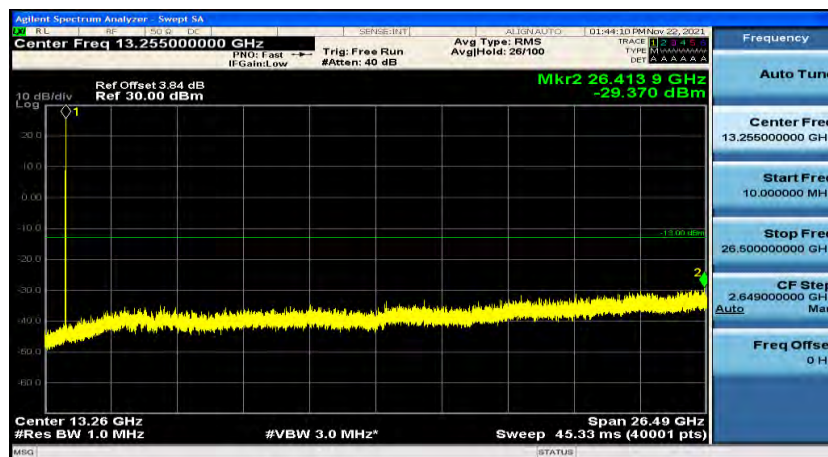


Channel Bandwidth: 3 MHz

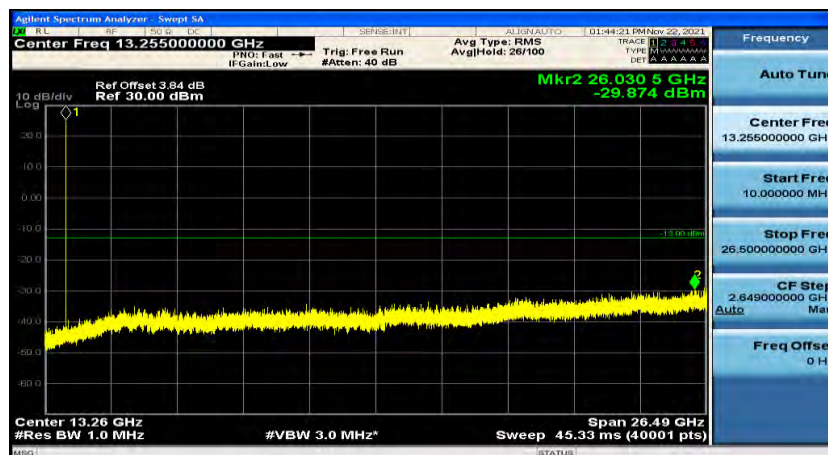
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

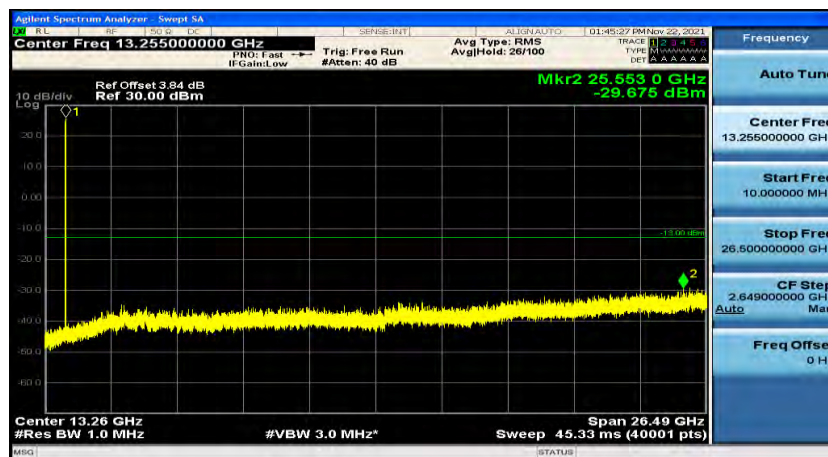


Channel Bandwidth: 5 MHz

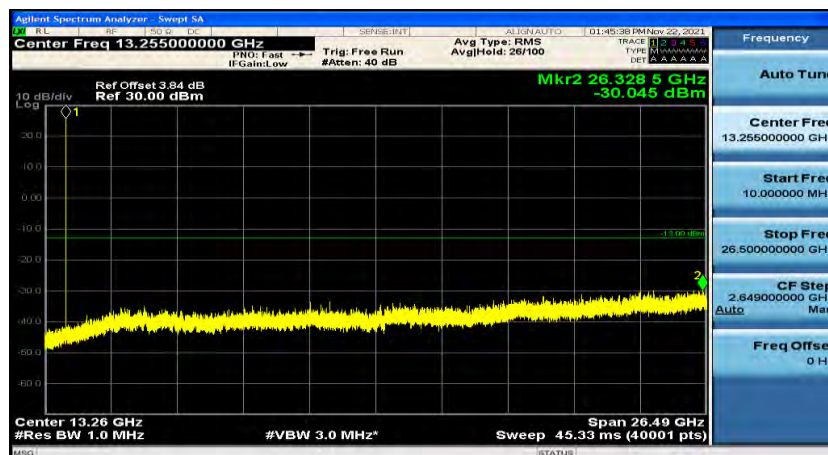
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

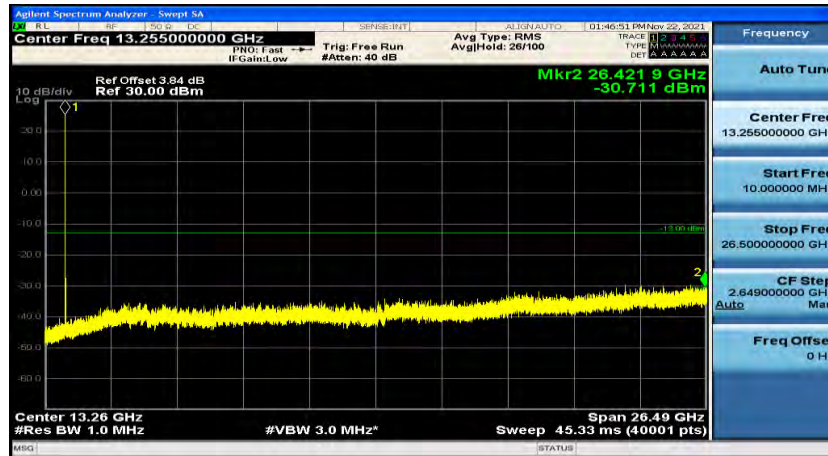


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

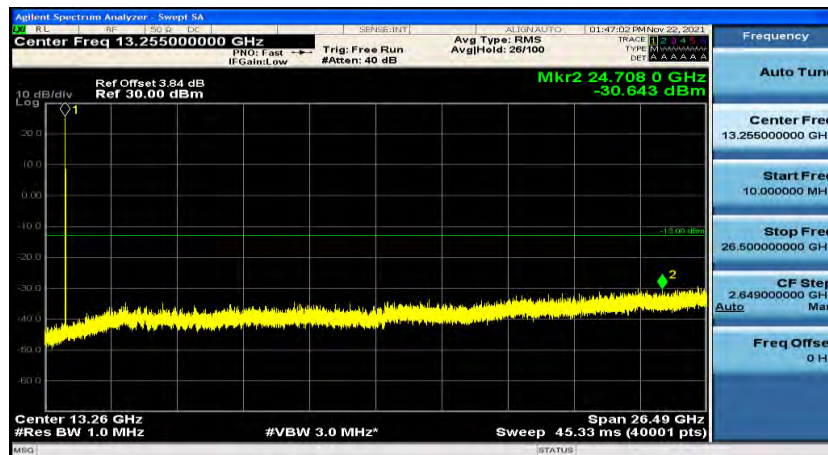


Channel Bandwidth: 10 MHz

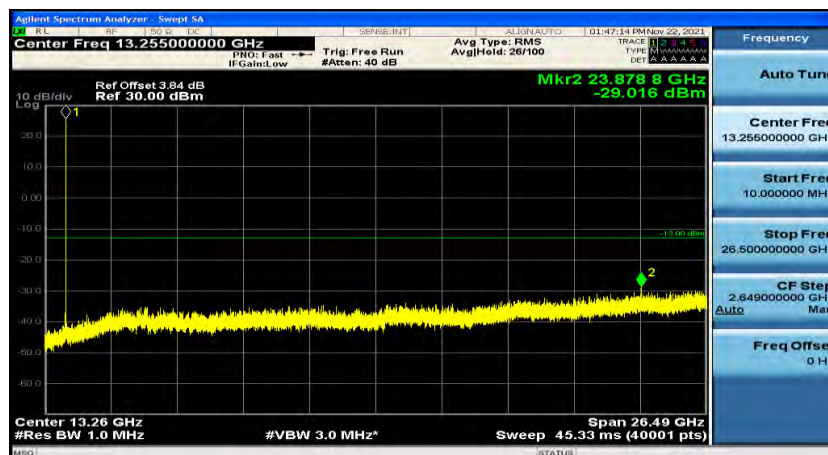
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0



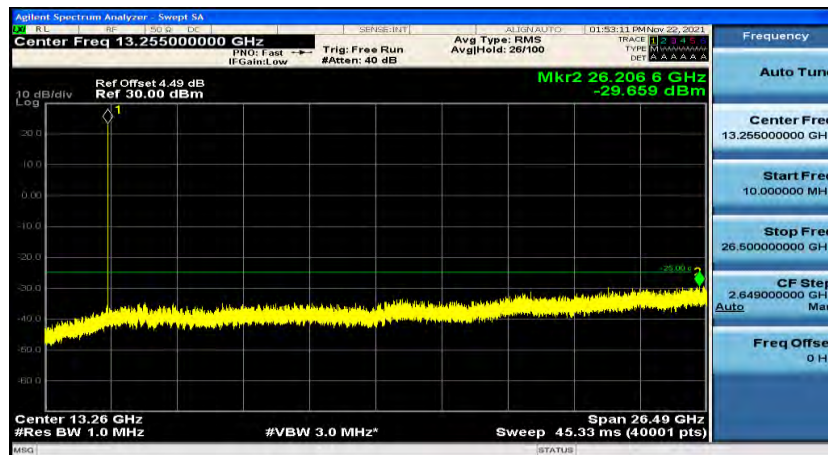
LTE band7 Test Graphs

Channel Bandwidth: 5 MHz

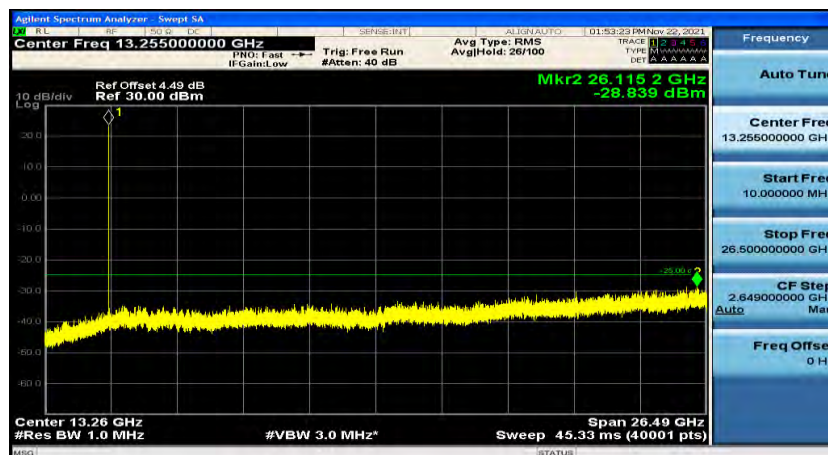
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

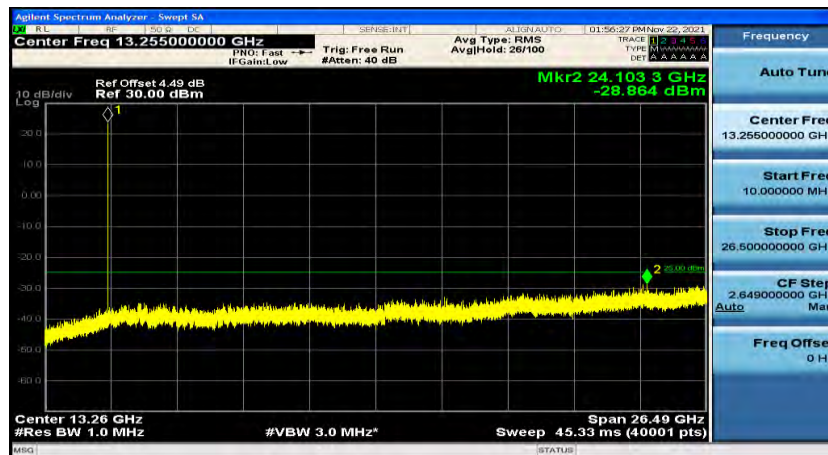


Channel Bandwidth: 10 MHz

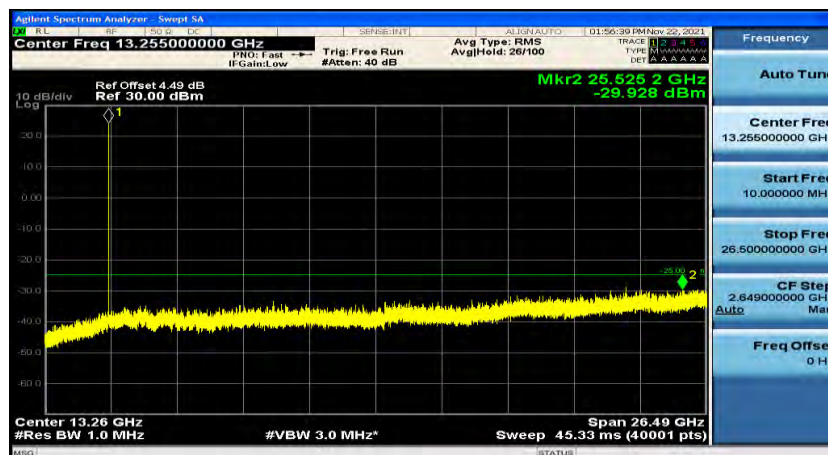
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

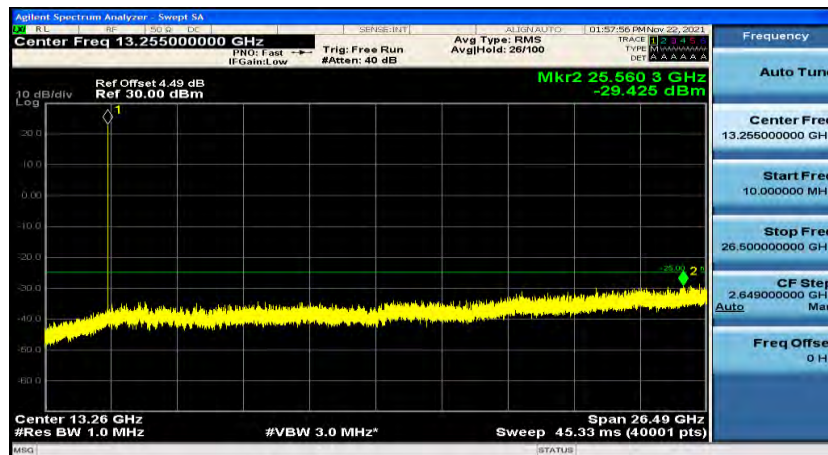


Channel Bandwidth: 15 MHz

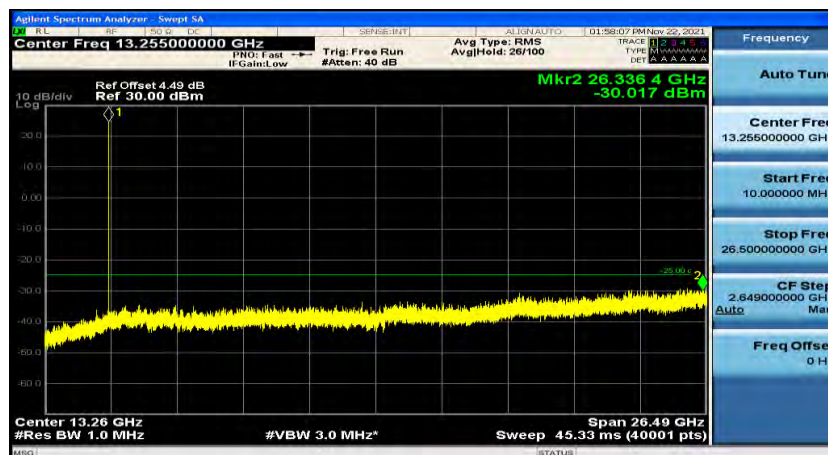
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0



Channel Bandwidth: 20 MHz

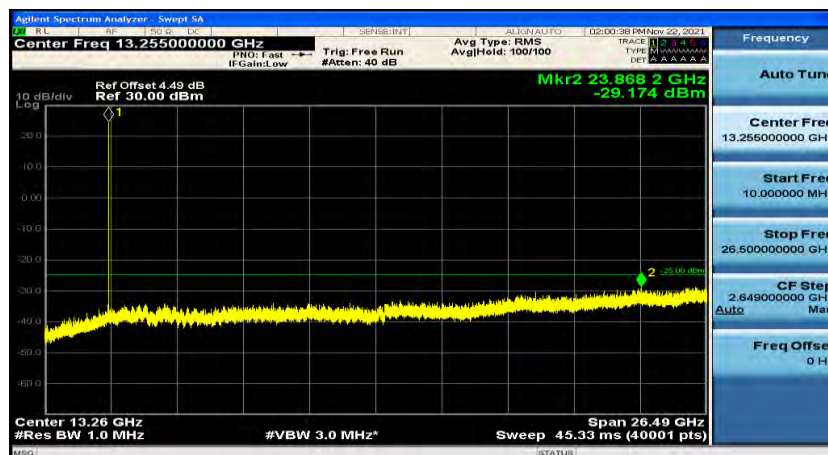
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



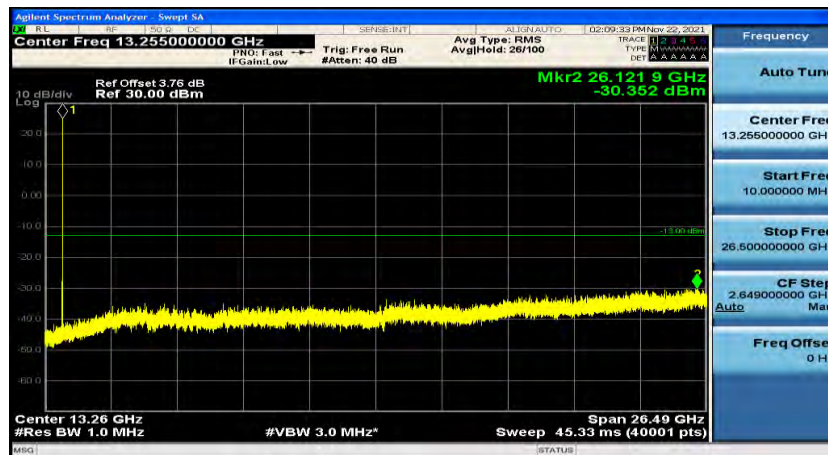
LTE band12 Test Graphs

Channel Bandwidth: 1.4 MHz

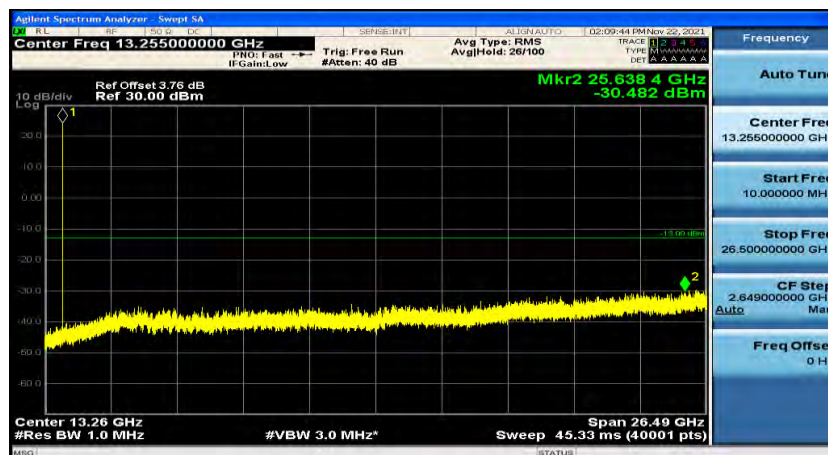
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

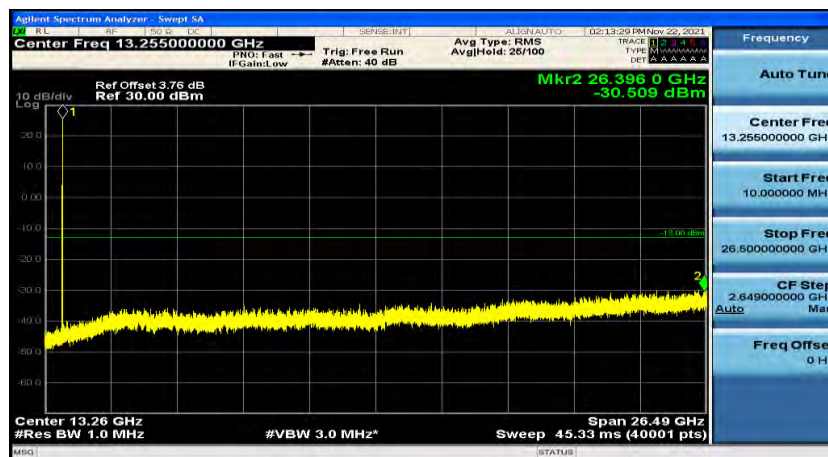


Channel Bandwidth: 3 MHz

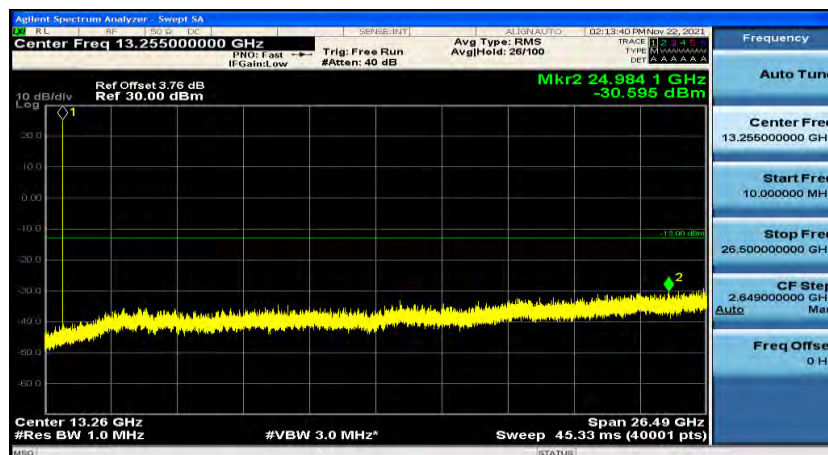
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

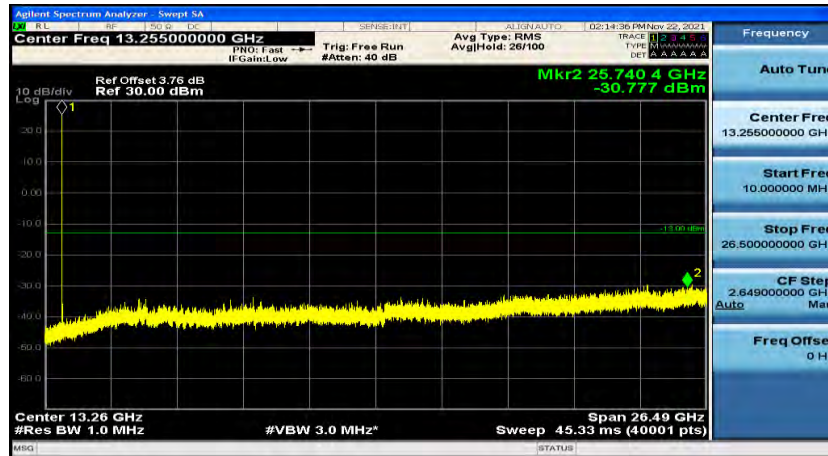


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

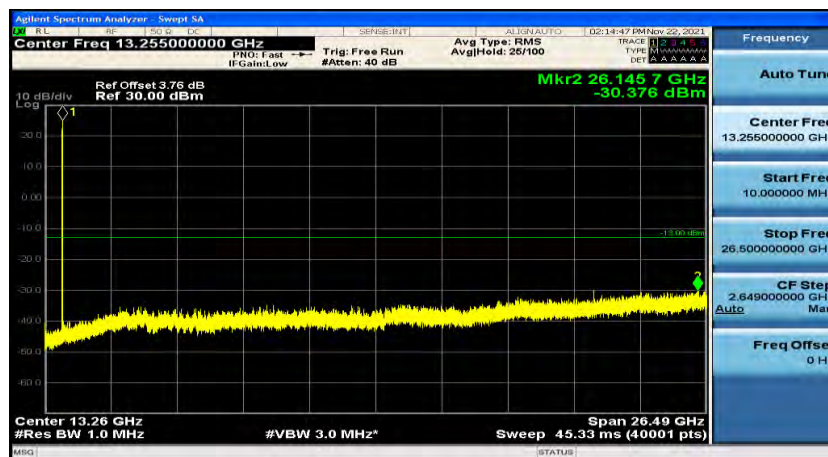


Channel Bandwidth: 5 MHz

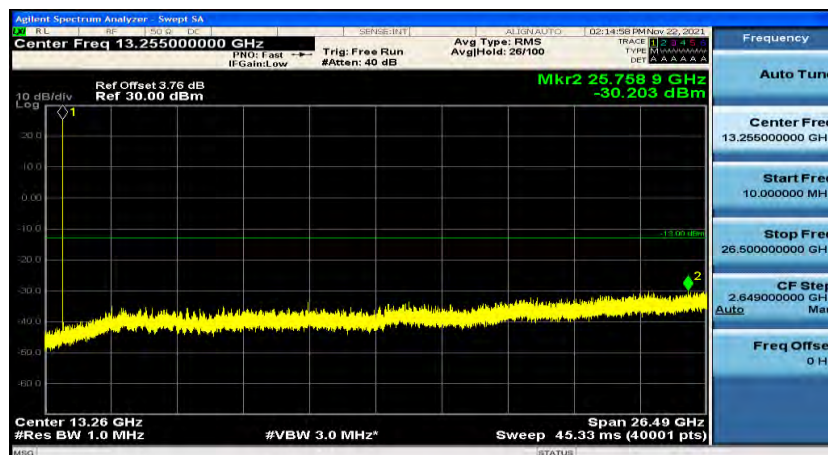
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

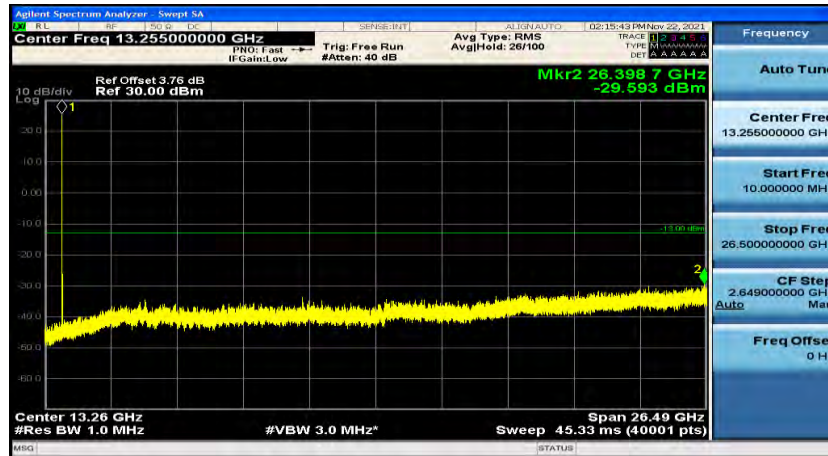


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

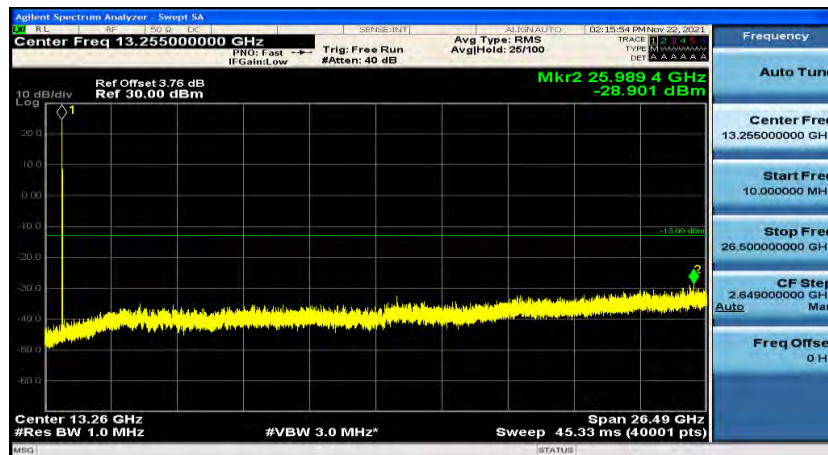


Channel Bandwidth: 10 MHz

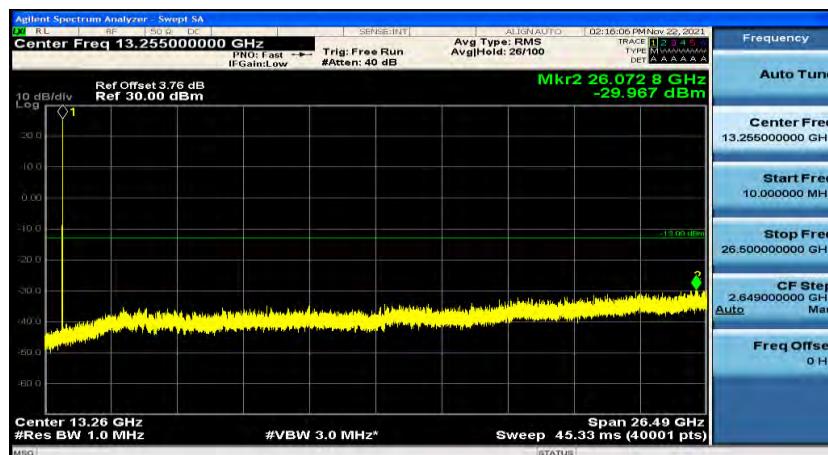
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



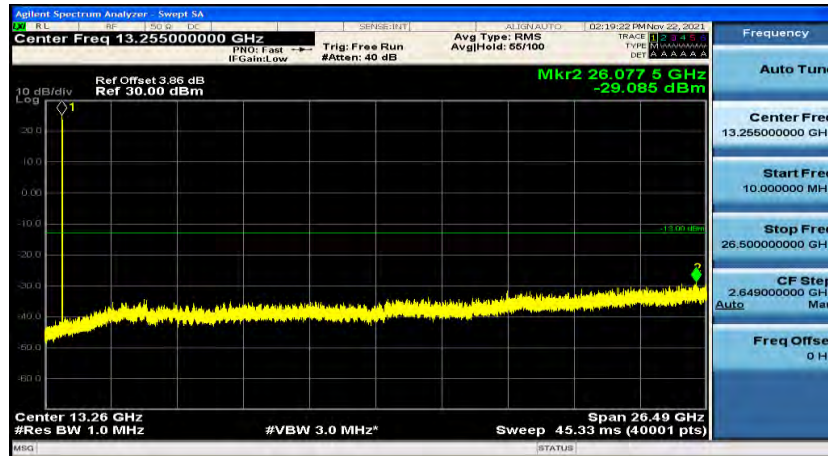
(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0



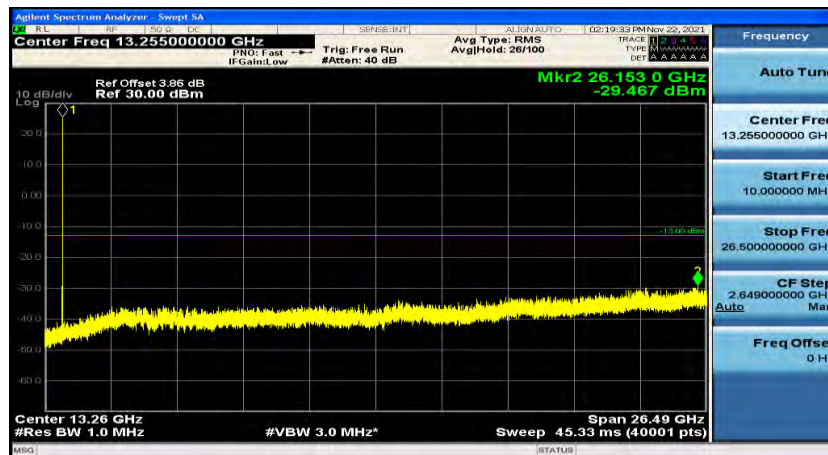
LTE band17 Test Graphs

Channel Bandwidth: 5 MHz

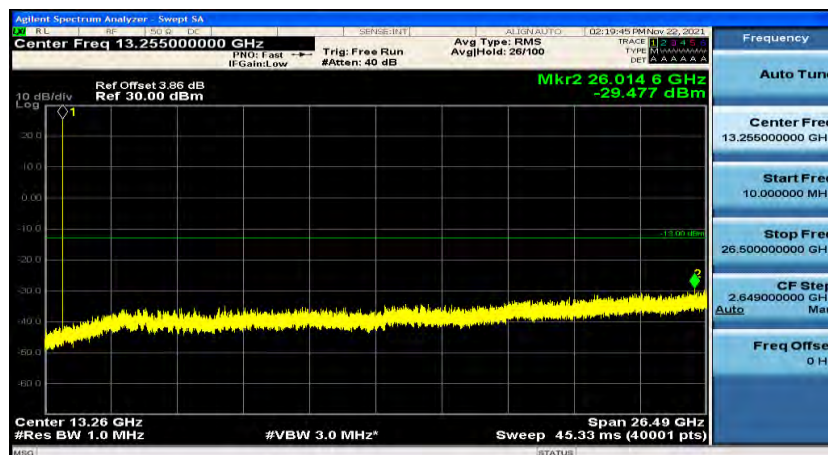
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

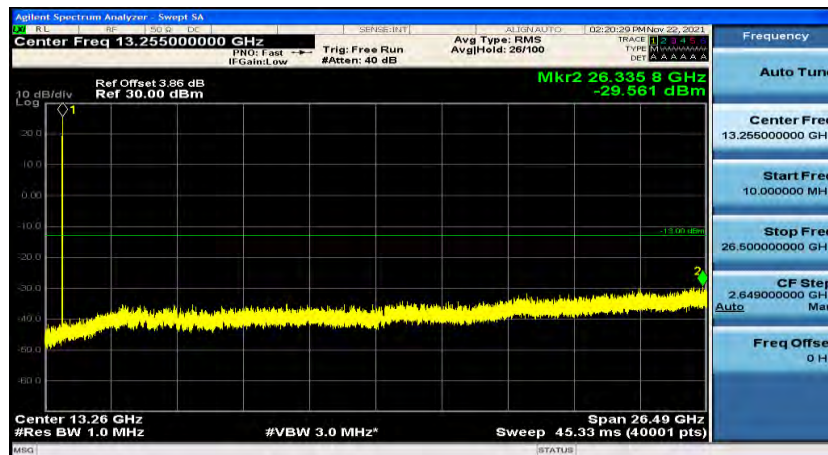


Channel Bandwidth: 10 MHz

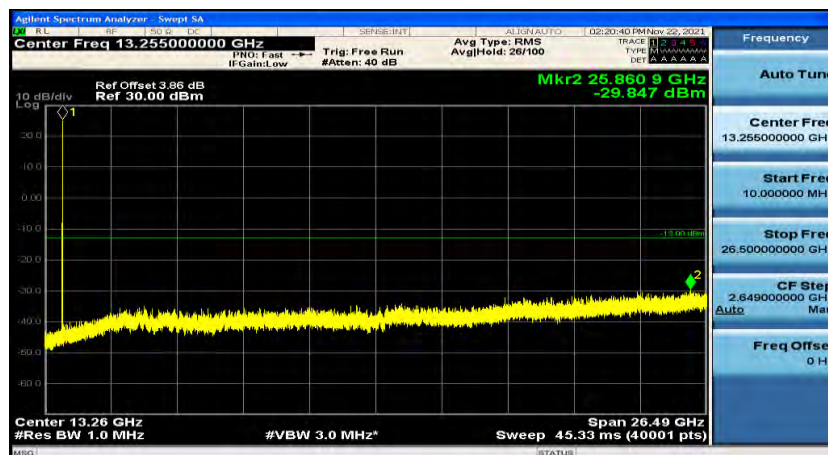
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0



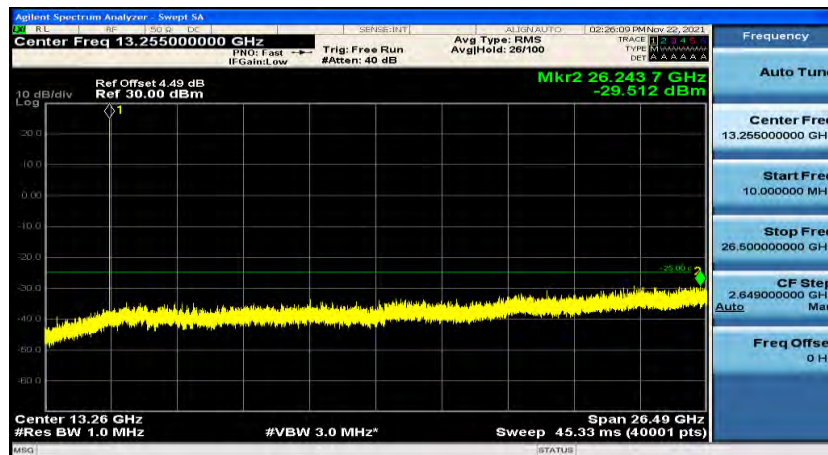
LTE band38 Test Graphs

Channel Bandwidth: 5 MHz

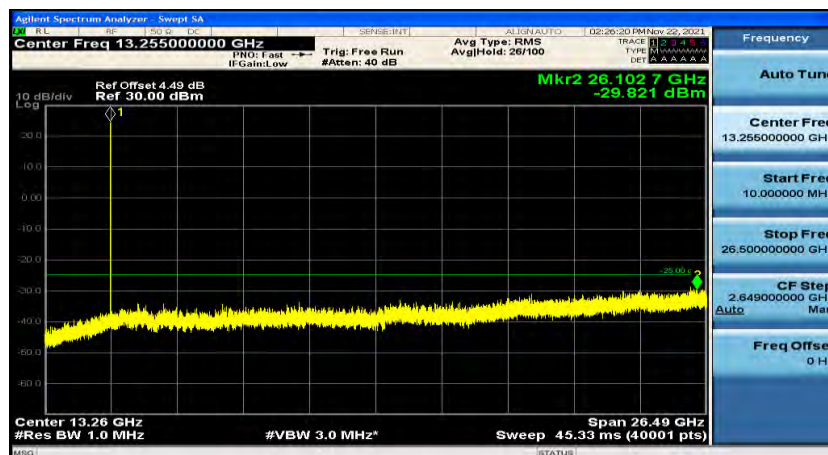
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

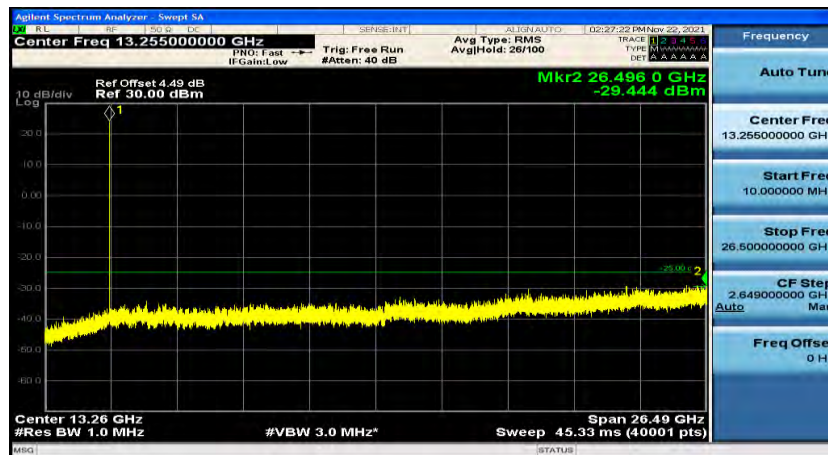


Channel Bandwidth: 10 MHz

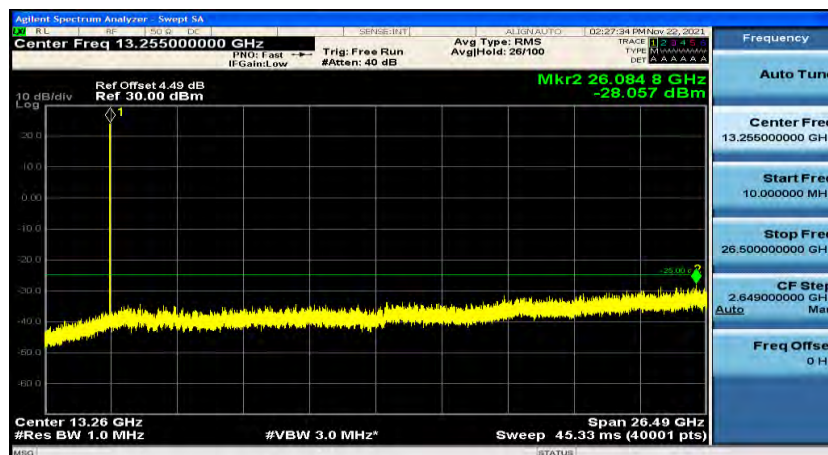
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

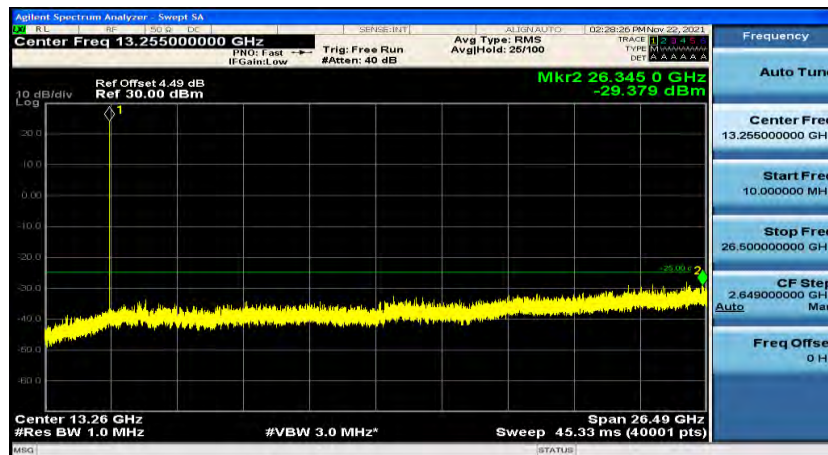


Channel Bandwidth: 15 MHz

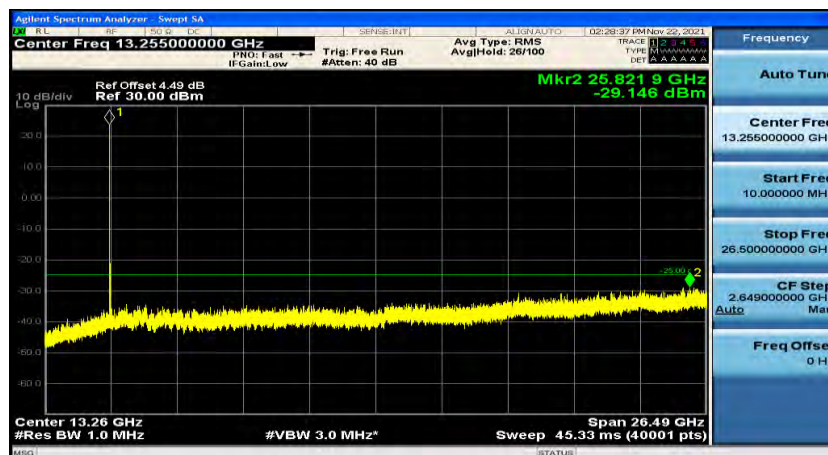
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

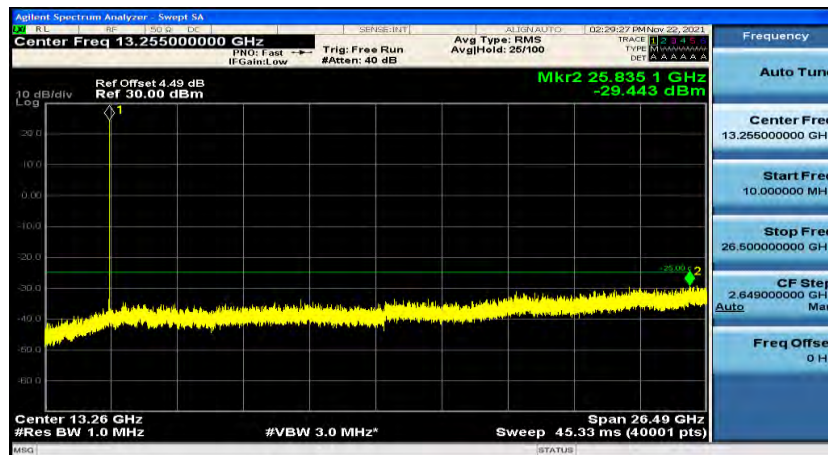


Channel Bandwidth: 20 MHz

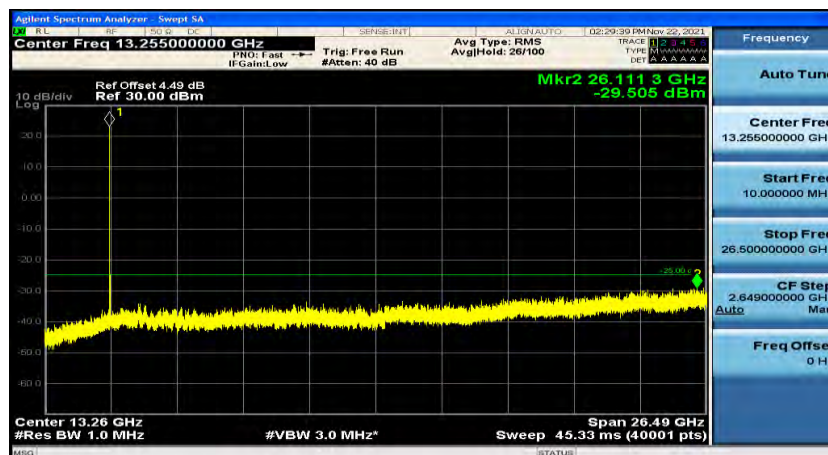
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



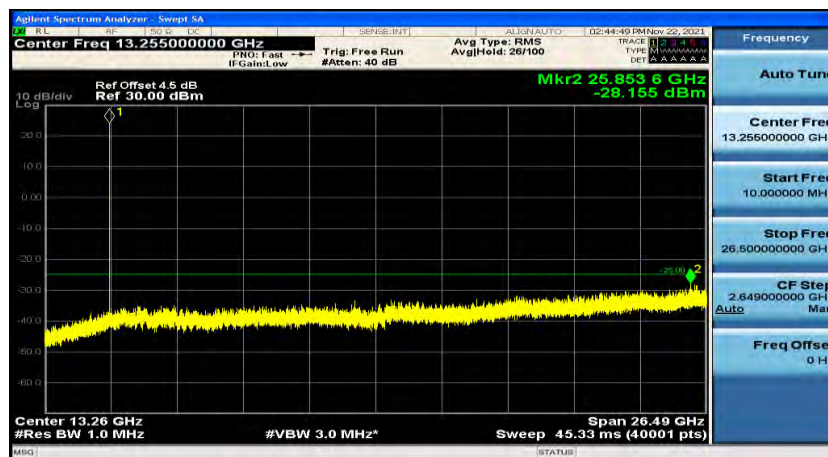
LTE band41 Test Graphs

Channel Bandwidth: 5 MHz

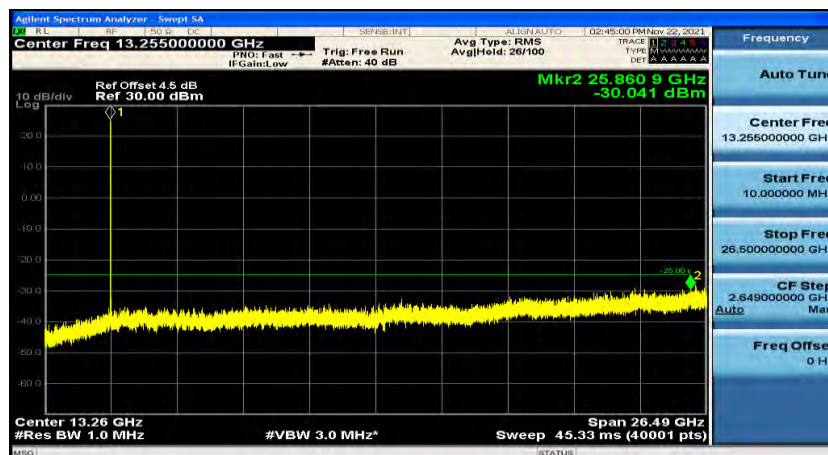
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

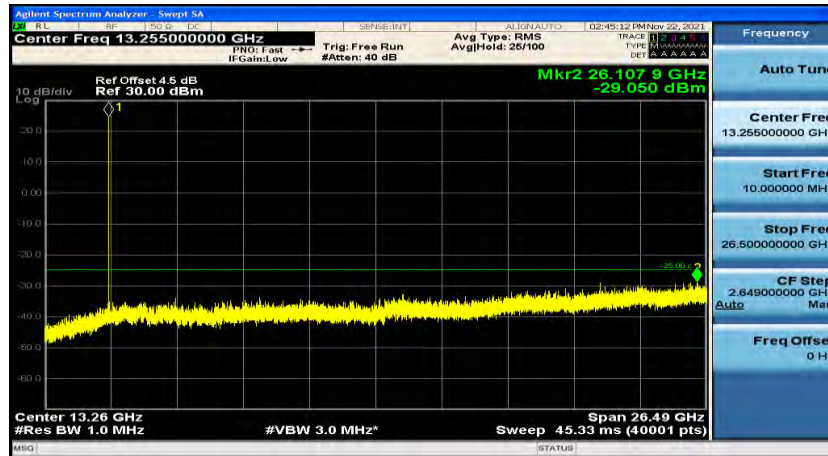


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

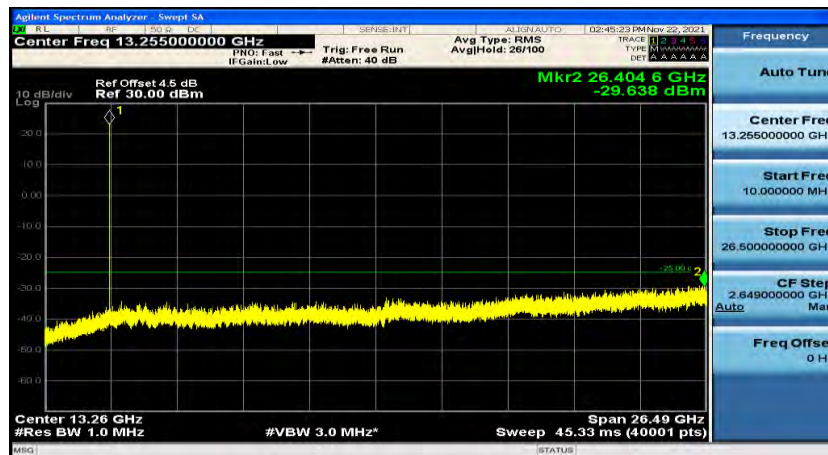


Channel Bandwidth: 10 MHz

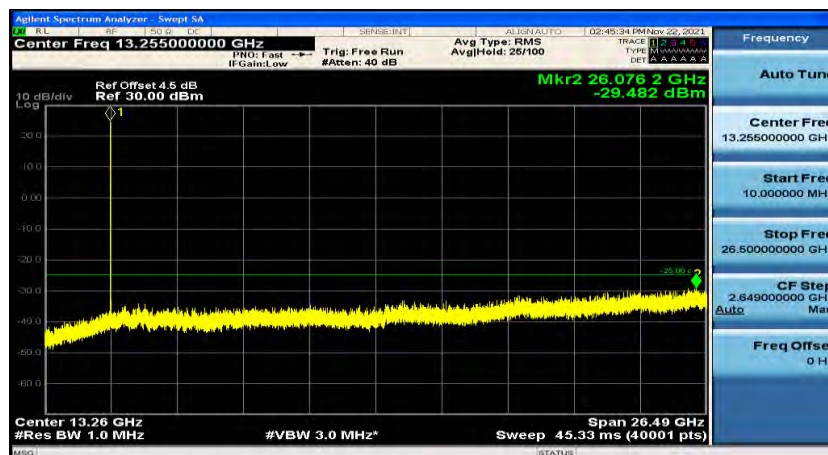
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0

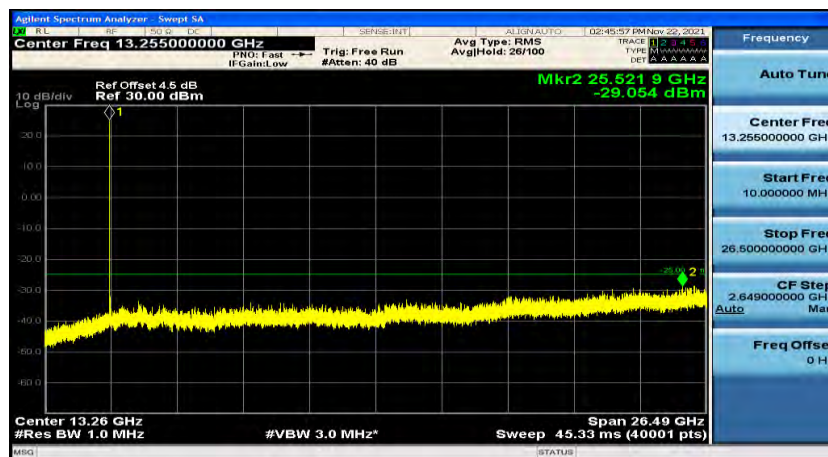


Channel Bandwidth: 15 MHz

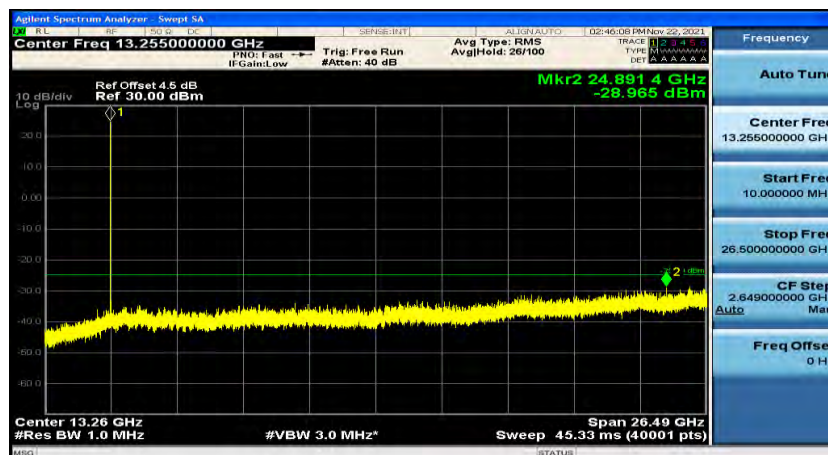
(Channel Bandwidth: 15 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 15 MHz)_MCH_QPSK_1RB#0

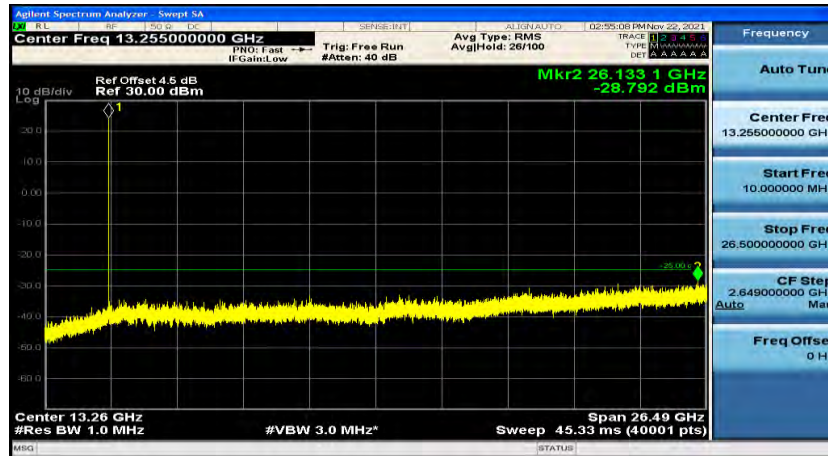


(Channel Bandwidth: 15 MHz)_HCH_QPSK_1RB#0

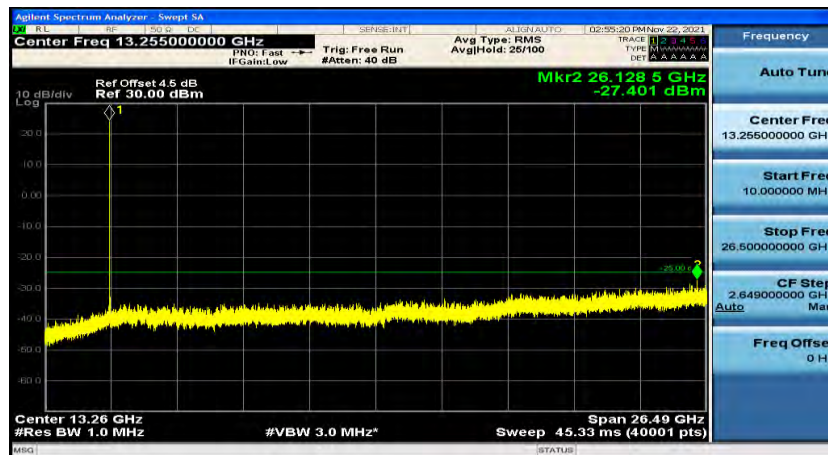


Channel Bandwidth: 20 MHz

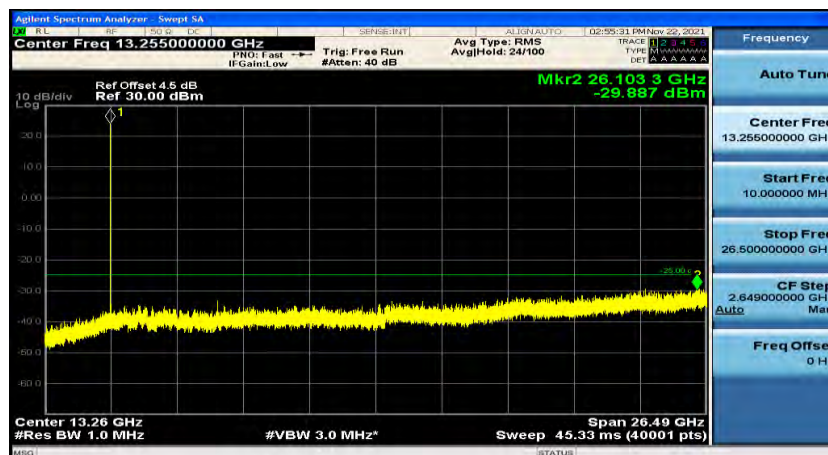
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 20 MHz)_HCH_QPSK_1RB#0



3.8. Radiated Emission Test

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1860 MHz		
Mode:	4G_BAND 2_20M_QPSK_CH18700		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3720.000	-58.59	7.69	-50.90	-13.00	-37.90	peak
2	5580.000	-61.37	12.54	-48.83	-13.00	-35.83	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1860 MHz		
Mode:	4G_BAND 2_20M_QPSK_CH18700		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3720.000	-60.92	7.69	-53.23	-13.00	-40.23	peak
2	5580.000	-67.65	12.54	-55.11	-13.00	-42.11	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1880 MHz		
Mode:	4G_BAND 2_20M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.53	7.77	-49.76	-13.00	-36.76	peak
2	5640.000	-61.41	12.72	-48.69	-13.00	-35.69	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1880 MHz		
Mode:	4G_BAND 2_20M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-61.95	7.77	-54.18	-13.00	-41.18	peak
2	5640.000	-68.60	12.72	-55.88	-13.00	-42.88	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1900 MHz		
Mode:	4G_BAND 2_20M_QPSK_CH19100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-57.43	7.87	-49.56	-13.00	-36.56	peak
2	5700.000	-60.90	12.88	-48.02	-13.00	-35.02	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1900 MHz		
Mode:	4G_BAND 2_20M_QPSK_CH19100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-64.19	7.87	-56.32	-13.00	-43.32	peak
2	5700.000	-68.30	12.88	-55.42	-13.00	-42.42	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1880 MHz		
Mode:	4G_BAND 2_20M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.42	7.77	-48.65	-13.00	-35.65	peak
2	5640.000	-60.75	12.72	-48.03	-13.00	-35.03	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1880 MHz		
Mode:	4G_BAND 2_20M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-61.71	7.77	-53.94	-13.00	-40.94	peak
2	5640.000	-67.51	12.72	-54.79	-13.00	-41.79	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1720 MHz		
Mode:	4G_BAND 4_20M_QPSK_CH20050		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-57.49	7.13	-50.36	-13.00	-37.36	peak
2	5160.000	-61.25	11.74	-49.51	-13.00	-36.51	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1720 MHz		
Mode:	4G_BAND 4_20M_QPSK_CH20050		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-63.56	7.13	-56.43	-13.00	-43.43	peak
2	5160.000	-66.99	11.74	-55.25	-13.00	-42.25	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1732.5 MHz		
Mode:	4G_BAND 4_20M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-57.05	7.17	-49.88	-13.00	-36.88	peak
2	5197.500	-60.67	11.80	-48.87	-13.00	-35.87	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1732.5 MHz		
Mode:	4G_BAND 4_20M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-63.85	7.17	-56.68	-13.00	-43.68	peak
2	5197.500	-66.99	11.80	-55.19	-13.00	-42.19	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1745 MHz		
Mode:	4G_BAND 4_20M_QPSK_CH20300		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-56.43	7.20	-49.23	-13.00	-36.23	peak
2	5235.000	-60.07	11.87	-48.20	-13.00	-35.20	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1745 MHz		
Mode:	4G_BAND 4_20M_QPSK_CH20300		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-62.13	7.20	-54.93	-13.00	-41.93	peak
2	5235.000	-67.49	11.87	-55.62	-13.00	-42.62	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1732.5 MHz		
Mode:	4G_BAND 4_20M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.18	7.17	-49.01	-13.00	-36.01	peak
2	5197.500	-58.86	11.80	-47.06	-13.00	-34.06	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	1732.5 MHz		
Mode:	4G_BAND 4_20M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-61.66	7.17	-54.49	-13.00	-41.49	peak
2	5197.500	-66.68	11.80	-54.88	-13.00	-41.88	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	829 MHz		
Mode:	4G_BAND 5_10M_QPSK_CH20450		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1658.000	-57.41	2.16	-55.25	-13.00	-42.25	peak
2	2487.000	-48.69	4.88	-43.81	-13.00	-30.81	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	829 MHz		
Mode:	4G_BAND 5_10M_QPSK_CH20450		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1658.000	-61.37	2.16	-59.21	-13.00	-46.21	peak
2	2487.000	-60.65	4.88	-55.77	-13.00	-42.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	836.5 MHz		
Mode:	4G_BAND 5_10M_QPSK_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.67	2.20	-49.47	-13.00	-36.47	peak
2	2509.500	-52.60	4.97	-47.63	-13.00	-34.63	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	836.5 MHz		
Mode:	4G_BAND 5_10M_QPSK_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-58.36	2.20	-56.16	-13.00	-43.16	peak
2	2509.500	-58.02	4.97	-53.05	-13.00	-40.05	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	844 MHz		
Mode:	4G_BAND 5_10M_QPSK_CH20600		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-55.77	2.23	-53.54	-13.00	-40.54	peak
2	2532.000	-52.14	5.02	-47.12	-13.00	-34.12	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	844 MHz		
Mode:	4G_BAND 5_10M_QPSK_CH20600		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-58.71	2.23	-56.48	-13.00	-43.48	peak
2	2532.000	-59.39	5.02	-54.37	-13.00	-41.37	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	836.5 MHz		
Mode:	4G_BAND 5_10M-16QAM_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.18	2.20	-50.98	-13.00	-37.98	peak
2	2509.500	-54.62	4.97	-49.65	-13.00	-36.65	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	836.5 MHz		
Mode:	4G_BAND 5_10M-16QAM_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-59.23	2.20	-57.03	-13.00	-44.03	peak
2	2509.500	-59.22	4.97	-54.25	-13.00	-41.25	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2510 MHz		
Mode:	4G_BAND 7_20M_QPSK_CH20850		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5020.000	-60.96	11.49	-49.47	-25.00	-24.47	peak
2	7530.000	-66.38	19.10	-47.28	-25.00	-22.28	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2510 MHz		
Mode:	4G_BAND 7_20M_QPSK_CH20850		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5020.000	-65.09	11.49	-53.60	-25.00	-28.60	peak
2	7530.000	-72.46	19.10	-53.36	-25.00	-28.36	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2535 MHz		
Mode:	4G_BAND 7_20M_QPSK_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-60.42	11.58	-48.84	-25.00	-23.84	peak
2	7605.000	-66.60	19.27	-47.33	-25.00	-22.33	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2535 MHz		
Mode:	4G_BAND 7_20M_QPSK_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-63.85	11.58	-52.27	-25.00	-27.27	peak
2	7605.000	-70.42	19.27	-51.15	-25.00	-26.15	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2560 MHz		
Mode:	4G_BAND 7_20M_QPSK_CH21350		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-60.01	11.67	-48.34	-25.00	-23.34	peak
2	7680.000	-66.53	19.42	-47.11	-25.00	-22.11	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2560 MHz		
Mode:	4G_BAND 7_20M_QPSK_CH21350		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-64.18	11.67	-52.51	-25.00	-27.51	peak
2	7680.000	-70.49	19.42	-51.07	-25.00	-26.07	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2535 MHz		
Mode:	4G_BAND 7_20M-16QAM_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-58.66	11.58	-47.08	-25.00	-22.08	peak
2	7605.000	-65.82	19.27	-46.55	-25.00	-21.55	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2535 MHz		
Mode:	4G_BAND 7_20M-16QAM_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-62.03	11.58	-50.45	-25.00	-25.45	peak
2	7605.000	-70.17	19.27	-50.90	-25.00	-25.90	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	701.5 MHz		
Mode:	4G_BAND 12_10M_QPSK_CH23035		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-51.31	1.48	-49.83	-13.00	-36.83	peak
2	2104.500	-50.80	3.33	-47.47	-13.00	-34.47	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	701.5 MHz		
Mode:	4G_BAND 12_10M_QPSK_CH23035		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-54.68	1.48	-53.20	-13.00	-40.20	peak
2	2104.500	-59.58	3.33	-56.25	-13.00	-43.25	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	707.5 MHz		
Mode:	4G_BAND 12_10M_QPSK_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.76	1.53	-51.23	-13.00	-38.23	peak
2	2122.500	-53.33	3.40	-49.93	-13.00	-36.93	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	707.5 MHz		
Mode:	4G_BAND 12_10M_QPSK_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-58.47	1.53	-56.94	-13.00	-43.94	peak
2	2122.500	-58.89	3.40	-55.49	-13.00	-42.49	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	711 MHz		
Mode:	4G_BAND 12_10M_QPSK_CH23130		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-53.12	1.55	-51.57	-13.00	-38.57	peak
2	2133.000	-53.13	3.45	-49.68	-13.00	-36.68	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	711 MHz		
Mode:	4G_BAND 12_10M_QPSK_CH23130		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-58.27	1.55	-56.72	-13.00	-43.72	peak
2	2133.000	-58.27	3.45	-54.82	-13.00	-41.82	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	707.5 MHz		
Mode:	4G_BAND 12_10M-16QAM_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-53.75	1.53	-52.22	-13.00	-39.22	peak
2	2122.500	-55.06	3.40	-51.66	-13.00	-38.66	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	707.5 MHz		
Mode:	4G_BAND 12_10M-16QAM_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-59.26	1.53	-57.73	-13.00	-44.73	peak
2	2122.500	-60.17	3.40	-56.77	-13.00	-43.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	709 MHz		
Mode:	4G_BAND 17_10M_QPSK_CH23780		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1418.000	-52.02	1.53	-50.49	-13.00	-37.49	peak
2	2127.000	-51.93	3.40	-48.53	-13.00	-35.53	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	709 MHz		
Mode:	4G_BAND 17_10M_QPSK_CH23780		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1418.000	-58.24	1.53	-56.71	-13.00	-43.71	peak
2	2127.000	-61.32	3.40	-57.92	-13.00	-44.92	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	710 MHz		
Mode:	4G_BAND 17_10M_QPSK_CH23790		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-52.68	1.55	-51.13	-13.00	-38.13	peak
2	2130.000	-55.26	3.42	-51.84	-13.00	-38.84	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	710 MHz		
Mode:	4G_BAND 17_10M_QPSK_CH23790		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-58.60	1.55	-57.05	-13.00	-44.05	peak
2	2130.000	-63.08	3.42	-59.66	-13.00	-46.66	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	711 MHz		
Mode:	4G_BAND 17_10M_QPSK_CH23800		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-52.62	1.55	-51.07	-13.00	-38.07	peak
2	2133.000	-57.75	3.45	-54.30	-13.00	-41.30	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	711 MHz		
Mode:	4G_BAND 17_10M_QPSK_CH23800		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-58.14	1.55	-56.59	-13.00	-43.59	peak
2	2133.000	-60.00	3.45	-56.55	-13.00	-43.55	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	710 MHz		
Mode:	4G_BAND 17_10M-16QAM_CH23790		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-54.08	1.55	-52.53	-13.00	-39.53	peak
2	2130.000	-56.13	3.42	-52.71	-13.00	-39.71	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	710 MHz		
Mode:	4G_BAND 17_10M-16QAM_CH23790		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-60.19	1.55	-58.64	-13.00	-45.64	peak
2	2130.000	-64.37	3.42	-60.95	-13.00	-47.95	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2580 MHz		
Mode:	4G_BAND 38_20M_QPSK_CH37850		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5160.000	-62.49	11.74	-50.75	-13.00	-37.75	peak
2	7740.000	-67.70	19.57	-48.13	-13.00	-35.13	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2580 MHz		
Mode:	4G_BAND 38_20M_QPSK_CH37850		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5160.000	-67.98	11.74	-56.24	-13.00	-43.24	peak
2	7740.000	-73.23	19.57	-53.66	-13.00	-40.66	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 38_20M_QPSK_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-61.12	11.79	-49.33	-13.00	-36.33	peak
2	7785.000	-68.38	19.66	-48.72	-13.00	-35.72	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 38_20M_QPSK_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-65.71	11.79	-53.92	-13.00	-40.92	peak
2	7785.000	-71.89	19.66	-52.23	-13.00	-39.23	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2610 MHz		
Mode:	4G_BAND 38_20M_QPSK_CH38150		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5220.000	-61.72	11.84	-49.88	-13.00	-36.88	peak
2	7830.000	-68.69	19.75	-48.94	-13.00	-35.94	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2610 MHz		
Mode:	4G_BAND 38_20M_QPSK_CH38150		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5220.000	-65.66	11.84	-53.82	-13.00	-40.82	peak
2	7830.000	-73.52	19.75	-53.77	-13.00	-40.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 38_20M-16QAM_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-59.94	11.79	-48.15	-13.00	-35.15	peak
2	7785.000	-66.82	19.66	-47.16	-13.00	-34.16	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 38_20M-16QAM_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-64.56	11.79	-52.77	-13.00	-39.77	peak
2	7785.000	-71.18	19.66	-51.52	-13.00	-38.52	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2550 MHz		
Mode:	4G_BAND 41_20M_QPSK_CH40190		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5100.000	-59.94	11.63	-48.31	-25.00	-23.31	peak
2	7650.000	-66.78	19.37	-47.41	-25.00	-22.41	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2550 MHz		
Mode:	4G_BAND 41_20M_QPSK_CH40190		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5100.000	-63.61	11.63	-51.98	-25.00	-26.98	peak
2	7650.000	-72.27	19.37	-52.90	-25.00	-27.90	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 41_20M_QPSK_CH40640		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-57.06	11.79	-45.27	-25.00	-20.27	peak
2	7785.000	-63.32	19.66	-43.66	-25.00	-18.66	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 41_20M_QPSK_CH40640		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-63.40	11.79	-51.61	-25.00	-26.61	peak
2	7785.000	-69.29	19.66	-49.63	-25.00	-24.63	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2640 MHz		
Mode:	4G_BAND 41_20M_QPSK_CH41090		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5280.000	-60.74	11.94	-48.80	-25.00	-23.80	peak
2	7920.000	-67.25	19.95	-47.30	-25.00	-22.30	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2640 MHz		
Mode:	4G_BAND 41_20M_QPSK_CH41090		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5280.000	-64.55	11.94	-52.61	-25.00	-27.61	peak
2	7920.000	-70.47	19.95	-50.52	-25.00	-25.52	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 41_20M-16QAM_CH40640		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-60.43	11.79	-48.64	-25.00	-23.64	peak
2	7785.000	-61.83	19.66	-42.17	-25.00	-17.17	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	2595 MHz		
Mode:	4G_BAND 41_20M-16QAM_CH40640		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-67.13	11.79	-55.34	-25.00	-30.34	peak
2	7785.000	-72.87	19.66	-53.21	-25.00	-28.21	peak

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