6979.6	-65.00	0.9	11.9	-54.00	V
8724.5	-63.03	1.2	11.2	-53.03	V
10469.4	-63.03	0.3	12.2	-51.13	V
12214.3	-65.14	0.3	12.2	-53.24	V

5.4.10 LTE B5 Radiated Spurious Emission Results

Test Data （1.4MHz bandwidth 20407 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1649.4	-54.45	4.7	7.3	-51.85	H
2474.1	-55.06	6.0	6.8	-54.26	V
3298.8	-56.61	6.7	8.9	-54.41	V
4123.5	-53.53	7.6	9.2	-51.93	V
4948.2	-52.94	7.7	9.9	-50.74	V
5772.9	-63.77	1.4	10.5	-54.67	V

Test Data （1.4MHz bandwidth 20407 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1649.4	-55.11	4.7	7.3	-52.51	H
2474.1	-52.38	6.0	6.8	-51.58	V
3298.8	-56.14	6.7	8.9	-53.94	V
4123.5	-54.12	7.6	9.2	-52.52	V
4948.2	-52.81	7.7	9.9	-50.61	V
5772.9	-63.98	1.4	10.5	-54.88	V

Test Data （1.4MHz bandwidth 20525 QPSK Mode）

Frequency [MHz]	Generator output	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission	Antenna Polarization

	power(Pg) [dBm]			Power (Pd) [dBm]	[H/V]
1673.0	-55.26	4.7	7.3	-52.66	V
2509.5	-51.53	5.9	6.7	-50.73	V
3346.0	-52.84	6.8	8.9	-50.74	V
4182.5	-53.66	7.8	9.2	-52.26	V
5019.0	-53.48	7.5	9.9	-51.08	V
5855.5	-62.61	1.1	10.5	-53.21	V

Test Data （1.4MHz bandwidth 20525 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-53.37	4.7	7.3	-50.77	V
2509.5	-51.53	5.9	6.7	-50.73	V
3346.0	-52.52	6.8	8.9	-50.42	V
4182.5	-56.11	7.8	9.2	-54.71	V
5019.0	-52.96	7.5	9.9	-50.56	V
5855.5	-62.35	1.1	10.5	-52.95	V

Test Data （1.4MHz bandwidth 20642 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1696.4	-56.56	4.8	7.9	-53.46	V
2544.6	-54.38	5.9	6.9	-53.38	V
3392.8	-53.39	6.9	8.9	-51.39	V
4241.0	-53.32	7.8	9.2	-51.92	V
5089.2	-54.11	6.8	9.9	-51.01	V
5937.4	-62.17	1.4	10.9	-52.67	V

Test Data （1.4MHz bandwidth 20642 16QAM Mode）

Frequency	Generator	Cable loss	Antenna	Spurious	Antenna

[MHz]	output power(Pg) [dBm]	[dB]	Gain [dB]	Emission Power (Pd) [dBm]	Polarization [H/V]
1696.4	-55.84	4.8	7.9	-52.74	V
2544.6	-51.99	5.9	6.9	-50.99	V
3392.8	-53.12	6.9	8.9	-51.12	V
4241.0	-55.95	7.8	9.2	-54.55	V
5089.2	-57.63	6.8	9.9	-54.53	V
5937.4	-61.42	1.4	10.9	-51.92	V

Test Data （3MHz bandwidth 20415 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1651.0	-53.39	4.8	7.9	-50.29	V
2476.5	-52.98	5.9	6.9	-51.98	V
3302.0	-54.15	6.9	8.9	-52.15	V
4127.5	-53.57	7.8	9.2	-52.17	V
4953.0	-57.90	6.8	9.9	-54.80	V
5778.5	-60.28	1.4	10.9	-50.78	V

Test Data （3MHz bandwidth 20415 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1651.0	-54.01	4.8	7.9	-50.91	V
2476.5	-51.89	5.9	6.9	-50.89	V
3302.0	-55.82	6.9	8.9	-53.82	V
4127.5	-52.17	7.8	9.2	-50.77	V
4953.0	-55.67	6.8	9.9	-52.57	V
5778.5	-62.35	1.4	10.9	-52.85	V

Test Data （3MHz bandwidth 20525 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-54.03	4.7	7.3	-51.43	V
2509.5	-51.36	5.9	6.7	-50.56	V
3346.0	-56.24	6.8	8.9	-54.14	V
4182.5	-52.88	7.8	9.2	-51.48	V
5019.0	-54.95	7.5	9.9	-52.55	V
5855.5	-63.25	1.1	10.5	-53.85	V

Test Data （3MHz bandwidth 2052516QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-54.38	4.7	7.3	-51.78	V
2509.5	-55.44	5.9	6.7	-54.64	V
3346.0	-52.87	6.8	8.9	-50.77	V
4182.5	-52.98	7.8	9.2	-51.58	V
5019.0	-55.14	7.5	9.9	-52.74	V
5855.5	-62.11	1.1	10.5	-52.71	V

Test Data （3MHz bandwidth 20634 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1694.8	-58.07	4.8	8.0	-54.87	V
2542.2	-55.70	5.9	6.9	-54.70	V
3389.6	-53.03	6.9	8.9	-51.03	V
4237.0	-56.04	7.8	9.2	-54.64	V
5084.4	-56.17	6.8	9.9	-53.07	V
5931.8	-60.04	1.4	10.9	-50.54	V

Test Data （3MHz bandwidth 20634 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1694.8	-56.29	4.8	8.0	-53.09	V
2542.2	-52.66	5.9	6.9	-51.66	V
3389.6	-53.69	6.9	8.9	-51.69	V
4237.0	-56.11	7.8	9.2	-54.71	V
5084.4	-56.04	6.8	9.9	-52.94	V
5931.8	-61.16	1.4	10.9	-51.66	V

Test Data （5MHz bandwidth 20425 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1653.0	-55.92	4.8	7.3	-53.42	V
2479.5	-52.68	5.9	6.6	-51.98	V
3306.0	-53.94	6.8	8.9	-51.84	V
4132.5	-53.71	7.6	9.2	-52.11	V
4959.0	-56.96	7.5	9.9	-54.56	V
5785.5	-61.74	1.4	10.5	-52.64	V

Test Data （5MHz bandwidth 20425 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1653.0	-53.76	4.8	7.3	-51.26	V
2479.5	-51.90	5.9	6.6	-51.20	V
3306.0	-52.22	6.8	8.9	-50.12	V
4132.5	-54.43	7.6	9.2	-52.83	V
4959.0	-56.10	7.5	9.9	-53.70	V
5785.5	-61.39	1.4	10.5	-52.29	V

Test Data （5MHz bandwidth 20525 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-52.69	4.7	7.3	-50.09	V
2509.5	-54.74	5.9	6.7	-53.94	V
3346.0	-54.53	6.8	8.9	-52.43	V
4182.5	-55.57	7.8	9.2	-54.17	V
5019.0	-56.46	7.5	9.9	-54.06	V
5855.5	-61.53	1.1	10.5	-52.13	V

Test Data （5MHz bandwidth 20525 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-52.92	4.7	7.3	-50.32	V
2509.5	-50.99	5.9	6.7	-50.19	V
3346.0	-52.18	6.8	8.9	-50.08	V
4182.5	-56.13	7.8	9.2	-54.73	V
5019.0	-54.32	7.5	9.9	-51.92	V
5855.5	-63.95	1.1	10.5	-54.55	V

Test Data （5MHz bandwidth 20624 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1692.8	-55.01	4.8	8.0	-51.81	V
2539.2	-51.37	5.9	6.9	-50.37	V
3385.6	-54.79	6.9	8.9	-52.79	V
4232.0	-53.86	7.8	9.2	-52.46	V
5078.4	-55.86	6.8	9.9	-52.76	V
5924.8	-60.37	1.4	10.9	-50.87	V

Test Data （5MHz bandwidth 20624 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1692.8	-54.58	4.8	8.0	-51.38	V
2539.2	-51.88	5.9	6.9	-50.88	V
3385.6	-54.29	6.9	8.9	-52.29	V
4232.0	-55.96	7.8	9.2	-54.56	V
5078.4	-57.65	6.8	9.9	-54.55	V
5924.8	-61.92	1.4	10.9	-52.42	V

Test Data （10MHz bandwidth 20450 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1658.0	-52.86	4.8	7.6	-50.06	V
2487.0	-55.49	5.9	6.6	-54.79	V
3316.0	-54.85	6.8	8.9	-52.75	V
4145.0	-54.89	7.6	9.2	-53.29	V
4974.0	-56.89	7.5	9.9	-54.49	V
5803.0	-62.31	1.4	10.9	-52.81	V

Test Data （10MHz bandwidth 20450 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1658.0	-52.80	4.8	7.6	-50.00	V
2487.0	-51.69	5.9	6.6	-50.99	V
3316.0	-54.92	6.8	8.9	-52.82	V
4145.0	-54.34	7.6	9.2	-52.74	V
4974.0	-55.19	7.5	9.9	-52.79	V
5803.0	-60.02	1.4	10.9	-50.52	V

Test Data （10MHz bandwidth 20525 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-55.46	4.7	7.3	-52.86	V
2509.5	-55.44	5.9	6.7	-54.64	V
3346.0	-56.09	6.8	8.9	-53.99	V
4182.5	-53.75	7.8	9.2	-52.35	V
5019.0	-53.51	7.5	9.9	-51.11	V
5855.5	-60.32	1.1	10.5	-50.92	V

Test Data （10MHz bandwidth 20525 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1673.0	-53.49	4.7	7.3	-50.89	V
2509.5	-54.66	5.9	6.7	-53.86	V
3346.0	-53.30	6.8	8.9	-51.20	V
4182.5	-53.91	7.8	9.2	-52.51	V
5019.0	-53.30	7.5	9.9	-50.90	V
5855.5	-60.36	1.1	10.5	-50.96	V

Test Data （10MHz bandwidth 20599 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1687.8	-55.25	4.8	8.1	-51.95	V
2531.7	-51.51	5.9	6.9	-50.51	V
3375.6	-53.46	6.8	8.9	-51.36	V
4219.5	-53.99	7.8	9.2	-52.59	V
5063.4	-54.86	7.1	9.9	-52.06	V
5907.3	-62.57	1.4	10.9	-53.07	V

Test Data （10MHz bandwidth 20599 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1687.8	-55.87	4.8	8.1	-52.57	V
2531.7	-53.48	5.9	6.9	-52.48	V
3375.6	-56.75	6.8	8.9	-54.65	V
4219.5	-55.72	7.8	9.2	-54.32	V
5063.4	-55.65	7.1	9.9	-52.85	V
5907.3	-60.85	1.4	10.9	-51.35	V

5.4.11 LTE B12 Radiated Spurious Emission Results

Test Data （1.4MHz bandwidth 23010 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1398.0	-54.99	4.4	7.8	-51.59	V
2097.0	-57.35	5.4	8.3	-54.45	V
2796.0	-56.59	6.2	7.9	-54.89	V
3495.0	-55.85	7.0	8.9	-53.95	V
4194.0	-52.77	7.8	9.2	-51.37	V
4893.0	-53.01	7.8	9.9	-50.91	V

Test Data （1.4MHz bandwidth 23010 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1398.0	-56.25	4.4	7.8	-52.85	V
2097.0	-55.23	5.4	8.3	-52.33	V
2796.0	-56.38	6.2	7.9	-54.68	V
3495.0	-56.38	7.0	8.9	-54.48	V
4194.0	-51.67	7.8	9.2	-50.27	V

4893.0	-56.53	7.8	9.9	-54.43	V

Test Data （1.4MHz bandwidth 23095 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-54.93	4.4	8.3	-51.03	V
2122.5	-54.96	5.4	8.1	-52.26	V
2830.0	-51.40	6.3	7.5	-50.20	V
3537.5	-52.56	7.0	8.9	-50.66	V
4245.0	-56.05	7.8	9.2	-54.65	V
4952.5	-55.54	7.7	9.9	-53.34	V

Test Data （1.4MHz bandwidth 23095 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-56.82	4.4	8.3	-52.92	V
2122.5	-55.59	5.4	8.1	-52.89	V
2830.0	-54.56	6.3	7.5	-53.36	V
3537.5	-55.94	7.0	8.9	-54.04	V
4245.0	-52.21	7.8	9.2	-50.81	V
4952.5	-55.11	7.7	9.9	-52.91	V

Test Data （1.4MHz bandwidth 23180 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1432.0	-55.75	4.4	8.2	-51.95	V
2148.0	-55.25	5.4	7.0	-53.65	V
2864.0	-55.73	6.5	8.0	-54.23	V
3580.0	-53.72	7.2	8.9	-52.02	V
4296.0	-55.38	7.8	9.5	-53.68	V

5012.0	-56.34	7.5	9.9	-53.94	V

Test Data （1.4MHz bandwidth 23180 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1432.0	-56.19	4.4	8.2	-52.39	V
2148.0	-54.92	5.4	7.0	-53.32	V
2864.0	-54.75	6.5	8.0	-53.25	V
3580.0	-54.91	7.2	8.9	-53.21	V
4296.0	-55.97	7.8	9.5	-54.27	V
5012.0	-57.24	7.5	9.9	-54.84	V

Test Data （3MHz bandwidth 23025 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1401.0	-54.64	4.4	7.8	-51.24	V
2101.5	-56.42	5.4	8.3	-53.52	V
2802.0	-55.54	6.2	8.0	-53.74	V
3502.5	-53.76	7.0	8.9	-51.86	V
4203.0	-52.39	7.8	9.2	-50.99	V
4903.5	-54.57	7.8	9.9	-52.47	V

Test Data （3MHz bandwidth 23025 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1401.0	-57.20	4.4	7.8	-53.80	V
2101.5	-57.68	5.4	8.3	-54.78	V
2802.0	-53.15	6.2	8.0	-51.35	V
3502.5	-52.72	7.0	8.9	-50.82	V
4203.0	-52.69	7.8	9.2	-51.29	V

4903.5	-54.33	7.8	9.9	-52.23	V

Test Data （3MHz bandwidth 23095 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-54.11	4.4	8.3	-50.21	V
2122.5	-55.28	5.4	8.1	-52.58	V
2830.0	-53.99	6.3	7.5	-52.79	V
3537.5	-52.30	7.0	8.9	-50.40	V
4245.0	-56.21	7.8	9.2	-54.81	V
4952.5	-54.51	7.7	9.9	-52.31	V

Test Data （3MHz bandwidth 23095 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-54.91	4.4	8.3	-51.01	V
2122.5	-55.54	5.4	8.1	-52.84	V
2830.0	-55.69	6.3	7.5	-54.49	V
3537.5	-53.09	7.0	8.9	-51.19	V
4245.0	-53.82	7.8	9.2	-52.42	V
4952.5	-56.68	7.7	9.9	-54.48	V

Test Data （3MHz bandwidth 23165 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1429.0	-57.59	4.4	8.3	-53.69	V
2143.5	-53.89	5.4	8.1	-51.19	V
2858.0	-54.68	6.3	7.5	-53.48	V
3572.5	-54.28	7.0	8.9	-52.38	V
4287.0	-54.43	7.8	9.2	-53.03	V

5001.5	-54.14	7.7	9.9	-51.94	V

Test Data （3MHz bandwidth 23165 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1429.0	-57.97	4.4	8.3	-54.07	V
2143.5	-56.10	5.4	6.6	-54.90	V
2858.0	-52.21	6.4	8.0	-50.61	V
3572.5	-54.07	7.2	8.9	-52.37	V
4287.0	-51.87	7.8	9.5	-50.17	V
5001.5	-53.52	7.5	9.9	-51.12	V

Test Data （5MHz bandwidth 23035 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1403.0	-55.09	4.4	8.3	-51.19	V
2104.5	-54.88	5.4	6.6	-53.68	V
2806.0	-52.17	6.4	8.0	-50.57	V
3507.5	-53.47	7.2	8.9	-51.77	V
4209.0	-51.98	7.8	9.5	-50.28	V
4910.5	-55.27	7.5	9.9	-52.87	V

Test Data （5MHz bandwidth 23035 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1403.0	-53.45	4.4	7.8	-50.05	V
2104.5	-54.75	5.4	8.3	-51.85	V
2806.0	-56.24	6.2	8.0	-54.44	V
3507.5	-54.72	7.0	8.9	-52.82	V
4209.0	-54.95	7.8	9.2	-53.55	V

4910.5	-52.57	7.8	9.9	-50.47	V

Test Data （5MHz bandwidth 23095 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-56.49	4.4	8.3	-52.59	V
2122.5	-57.66	5.4	8.1	-54.96	V
2830.0	-51.91	6.3	7.5	-50.71	V
3537.5	-56.53	7.0	8.9	-54.63	V
4245.0	-53.29	7.8	9.2	-51.89	V
4952.5	-52.89	7.7	9.9	-50.69	V

Test Data （5MHz bandwidth 23095 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-56.51	4.4	8.3	-52.61	V
2122.5	-56.10	5.4	8.1	-53.40	V
2830.0	-51.64	6.3	7.5	-50.44	V
3537.5	-55.45	7.0	8.9	-53.55	V
4245.0	-53.51	7.8	9.2	-52.11	V
4952.5	-54.00	7.7	9.9	-51.80	V

Test Data （5MHz bandwidth 23155 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1427.0	-55.07	4.4	8.3	-51.17	V
2140.5	-53.68	5.4	7.0	-52.08	V
2854.0	-52.18	6.4	8.0	-50.58	V
3567.5	-55.27	7.0	8.9	-53.37	V
4281.0	-52.91	7.8	9.5	-51.21	V

4994.5	-56.95	7.5	9.9	-54.55	V

Test Data （5MHz bandwidth 23155 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1427.0	-56.64	4.4	8.3	-52.74	V
2140.5	-53.80	5.4	7.0	-52.20	V
2854.0	-54.51	6.4	8.0	-52.91	V
3567.5	-52.76	7.0	8.9	-50.86	V
4281.0	-53.92	7.8	9.5	-52.22	V
4994.5	-56.18	7.5	9.9	-53.78	V

Test Data （10MHz bandwidth 23060 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1408.0	-56.24	4.4	7.8	-52.84	V
2112.0	-56.61	5.4	8.3	-53.71	V
2816.0	-51.81	6.3	7.5	-50.61	V
3520.0	-53.80	7.0	8.9	-51.90	V
4224.0	-54.79	7.8	9.2	-53.39	V
4928.0	-56.00	7.7	9.9	-53.80	V

Test Data （10MHz bandwidth 23060 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1408.0	-56.42	4.4	7.8	-53.02	V
2112.0	-55.51	5.4	8.3	-52.61	V
2816.0	-52.13	6.3	7.5	-50.93	V
3520.0	-52.62	7.0	8.9	-50.72	V
4224.0	-55.34	7.8	9.2	-53.94	V

4928.0	-56.91	7.7	9.9	-54.71	V

Test Data （10MHz bandwidth 23095 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-58.31	4.4	8.3	-54.41	V
2122.5	-53.52	5.4	8.1	-50.82	V
2830.0	-51.78	6.3	7.5	-50.58	V
3537.5	-55.40	7.0	8.9	-53.50	V
4245.0	-55.68	7.8	9.2	-54.28	V
4952.5	-56.02	7.7	9.9	-53.82	V

Test Data （10MHz bandwidth 23095 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1415.0	-55.51	4.4	8.3	-51.61	V
2122.5	-54.32	5.4	8.1	-51.62	V
2830.0	-53.06	6.3	7.5	-51.86	V
3537.5	-54.67	7.0	8.9	-52.77	V
4245.0	-53.41	7.8	9.2	-52.01	V
4952.5	-56.23	7.7	9.9	-54.03	V

Test Data （10MHz bandwidth 23130 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1422.0	-56.80	4.4	8.3	-52.90	V
2133.0	-52.85	5.4	7.0	-51.25	V
2844.0	-53.15	6.3	8.2	-51.25	V
3555.0	-55.80	7.0	8.9	-53.90	V
4266.0	-51.99	7.8	9.5	-50.29	V

4977.0	-57.04	7.5	9.9	-54.64	V

Test Data （10MHz bandwidth 23130 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1422.0	-58.20	4.4	8.3	-54.30	V
2133.0	-56.27	5.4	7.0	-54.67	V
2844.0	-56.24	6.3	8.2	-54.34	V
3555.0	-54.05	7.0	8.9	-52.15	V
4266.0	-54.04	7.8	9.5	-52.34	V
4977.0	-53.11	7.5	9.9	-50.71	V

5.4.12 LTE B13 Radiated Spurious Emission Results

Test Data （5MHz bandwidth 23205 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1559.0	-58.13	4.6	8.5	-54.23	V
2338.5	-53.16	5.6	6.6	-52.16	V
3118.0	-53.08	6.6	8.9	-50.78	V
3897.5	-54.95	7.4	9.2	-53.15	V
4677.0	-55.72	8.1	9.5	-54.32	V
5456.5	-60.85	2.9	10.5	-53.25	V

Test Data （5MHz bandwidth 23205 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1559.0	-55.48	4.6	8.5	-51.58	V
2338.5	-54.56	5.6	6.6	-53.56	V
3118.0	-53.69	6.6	8.9	-51.39	V

3897.5	-52.96	7.4	9.2	-51.16	V
4677.0	-52.24	8.1	9.5	-50.84	V
5456.5	-60.21	2.9	10.5	-52.61	V

Test Data （5MHz bandwidth 23230 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1564.0	-56.01	4.6	8.5	-52.11	V
2346.0	-54.83	5.6	8.1	-52.33	V
3128.0	-56.37	6.6	8.9	-54.07	V
3910.0	-54.06	7.5	9.2	-52.36	V
4692.0	-56.35	8.1	9.5	-54.95	V
5474.0	-59.98	2.9	10.5	-52.38	V

Test Data （5MHz bandwidth 23230 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1564.0	-55.99	4.6	8.5	-52.09	V
2346.0	-55.93	5.6	8.1	-53.43	V
3128.0	-56.37	6.6	8.9	-54.07	V
3910.0	-54.42	7.5	9.2	-52.72	V
4692.0	-52.72	8.1	9.5	-51.32	V
5474.0	-57.80	2.9	10.5	-50.20	V

Test Data （5MHz bandwidth 23265 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1571.0	-58.01	4.6	9.1	-53.51	V
2356.5	-52.85	5.7	7.4	-51.15	V
3142.0	-54.74	6.5	8.9	-52.34	V

3927.5	-52.94	7.5	9.2	-51.24	V
4713.0	-56.22	8.1	9.5	-54.82	V
5498.5	-59.99	2.5	10.5	-51.99	V

Test Data （5MHz bandwidth 23265 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1571.0	-55.69	4.6	9.1	-51.19	V
2356.5	-54.94	5.7	7.4	-53.24	V
3142.0	-53.72	6.5	8.9	-51.32	V
3927.5	-53.07	7.5	9.2	-51.37	V
4713.0	-52.00	8.1	9.5	-50.60	V
5498.5	-60.91	2.5	10.5	-52.91	V

Test Data （10MHz bandwidth 23230 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1564.0	-54.09	4.6	8.5	-50.19	V
2346.0	-55.99	5.6	8.1	-53.49	V
3128.0	-54.37	6.6	8.9	-52.07	V
3910.0	-56.55	7.5	9.2	-54.85	V
4692.0	-55.77	8.1	9.5	-54.37	V
5474.0	-59.61	2.9	10.5	-52.01	V

Test Data （10MHz bandwidth 23230 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1564.0	-56.53	4.6	8.5	-52.63	V
2346.0	-53.11	5.6	8.1	-50.61	V
3128.0	-55.81	6.6	8.9	-53.51	V

3910.0	-52.35	7.5	9.2	-50.65	V
4692.0	-54.32	8.1	9.5	-52.92	V
5474.0	-61.27	2.9	10.5	-53.67	V

5.4.13 LTE B17 Radiated Spurious Emission Results

Test Data （5MHz bandwidth 23755 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1413.0	-55.31	4.4	8.3	-51.41	V
2119.5	-52.77	5.4	8.1	-50.07	V
2826.0	-53.62	6.3	7.5	-52.42	V
3532.5	-56.73	7.0	8.9	-54.83	V
4239.0	-53.83	7.8	9.5	-52.13	V
4945.5	-52.58	7.7	9.9	-50.38	V

Test Data （5MHz bandwidth 23755 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1413.0	-54.70	4.4	8.3	-50.80	V
2119.5	-55.19	5.4	8.1	-52.49	V
2826.0	-53.34	6.3	7.5	-52.14	V
3532.5	-52.28	7.0	8.9	-50.38	V
4239.0	-54.50	7.8	9.5	-52.80	V
4945.5	-54.61	7.7	9.9	-52.41	V

Test Data （5MHz bandwidth 23790 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1420.0	-58.60	4.4	8.3	-54.70	V

2130.0	-53.99	5.4	8.1	-51.29	V
2840.0	-52.98	6.4	8.2	-51.18	V
3550.0	-52.87	7.0	8.9	-50.97	V
4260.0	-55.18	7.8	9.5	-53.48	V
4970.0	-54.23	7.5	9.9	-51.83	V

Test Data （5MHz bandwidth 23790 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1420.0	-54.40	4.4	8.3	-50.50	V
2130.0	-56.92	5.4	8.1	-54.22	V
2840.0	-55.48	6.4	8.2	-53.68	V
3550.0	-53.41	7.0	8.9	-51.51	V
4260.0	-54.91	7.8	9.5	-53.21	V
4970.0	-56.98	7.5	9.9	-54.58	V

Test Data （5MHz bandwidth 23825 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1427.0	-54.00	4.4	8.3	-50.10	V
2140.5	-54.64	5.4	7.0	-53.04	V
2854.0	-51.77	6.4	8.0	-50.17	V
3567.5	-53.50	7.0	8.9	-51.60	V
4281.0	-51.72	7.8	9.5	-50.02	V
4994.5	-56.17	7.5	9.9	-53.77	V

Test Data （5MHz bandwidth 23825 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1427.0	-58.54	4.4	8.3	-54.64	V

2140.5	-54.49	5.4	7.0	-52.89	V
2854.0	-52.91	6.4	8.0	-51.31	V
3567.5	-55.35	7.0	8.9	-53.45	V
4281.0	-51.74	7.8	9.5	-50.04	V
4994.5	-52.99	7.5	9.9	-50.59	V

Test Data （10MHz bandwidth 23780 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1418.0	-58.38	4.4	8.3	-54.48	V
2127.0	-57.42	5.4	8.1	-54.72	V
2836.0	-52.11	6.3	8.2	-50.21	V
3545.0	-54.97	7.0	8.9	-53.07	V
4254.0	-54.43	7.8	9.5	-52.73	V
4963.0	-55.70	7.5	9.9	-53.30	V

Test Data （10MHz bandwidth 23780 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1418.0	-54.62	4.4	8.3	-50.72	V
2127.0	-55.61	5.4	8.1	-52.91	V
2836.0	-52.93	6.3	8.2	-51.03	V
3545.0	-55.21	7.0	8.9	-53.31	V
4254.0	-52.70	7.8	9.5	-51.00	V
4963.0	-53.48	7.5	9.9	-51.08	V

Test Data （10MHz bandwidth 23790 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1420.0	-58.63	4.4	8.3	-54.73	V

2130.0	-55.54	5.4	8.1	-52.84	V
2840.0	-53.72	6.4	8.2	-51.92	V
3550.0	-56.25	7.0	8.9	-54.35	V
4260.0	-52.76	7.8	9.5	-51.06	V
4970.0	-54.28	7.5	9.9	-51.88	V

Test Data （10MHz bandwidth 23790 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1418.0	-56.61	4.4	8.3	-52.71	V
2127.0	-55.90	5.4	8.1	-53.20	V
2836.0	-53.07	6.4	8.2	-51.27	V
3545.0	-54.92	7.0	8.9	-53.02	V
4254.0	-55.31	7.8	9.5	-53.61	V
4963.0	-52.91	7.5	9.9	-50.51	V

Test Data （10MHz bandwidth 23800 QPSK Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1422.0	-56.32	4.4	8.3	-52.42	V
2133.0	-56.44	5.4	8.1	-53.74	V
2844.0	-53.10	6.3	8.2	-51.20	V
3555.0	-55.02	7.0	8.9	-53.12	V
4266.0	-54.45	7.8	9.5	-52.75	V
4977.0	-56.72	7.5	9.9	-54.32	V

Test Data （10MHz bandwidth 23800 16QAM Mode）

Frequency [MHz]	Generator output power(Pg) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power (Pd) [dBm]	Antenna Polarization [H/V]
1422.0	-54.64	4.4	8.3	-50.74	V

2133.0	-54.57	5.4	8.1	-51.87	V
2844.0	-53.50	6.3	8.2	-51.60	V
3555.0	-52.79	7.0	8.9	-50.89	V
4266.0	-52.74	7.8	9.5	-51.04	V
4977.0	-52.52	7.5	9.9	-50.12	V

5.5 Band Edge

Specifications:	FCC Part 2.1051, 24.238, 2.1053, 22.917, 27.53
DUT Serial Number:	868020030062938
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

According to Part 22.917 (a), i.e., Out of Band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

According to Part 24.238 (a), i.e., Out of Band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB, so the limit level is: P(dBm)– (43 + 10 log(P)) dB= -13dBm.

According to Part 27.53(h):

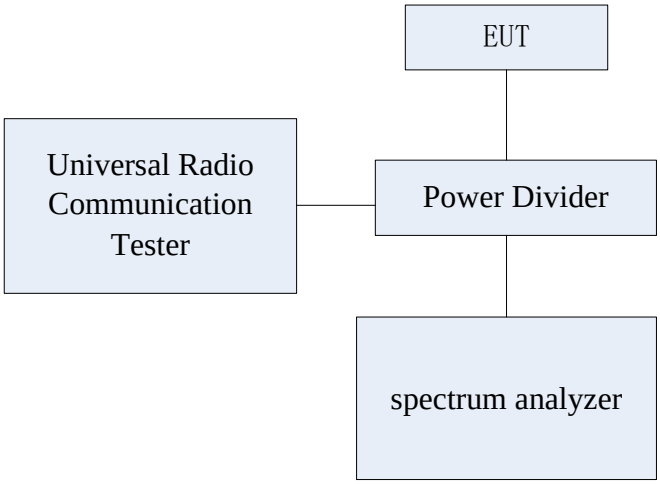
Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 Bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10(P) dB.

According to Part 27.53(g):

For operations in the 600 MHz Band and the 698-746 MHz Band, the power of any emission outside a licensee's frequency Band(s) of operation shall be attenuated below the transmitter power (P) within the licensed Band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution Bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz Bands immediately outside and adjacent to a licensee's frequency block, a resolution Bandwidth of at least 30 kHz may be employed.

Test Setup:

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



Test Method:

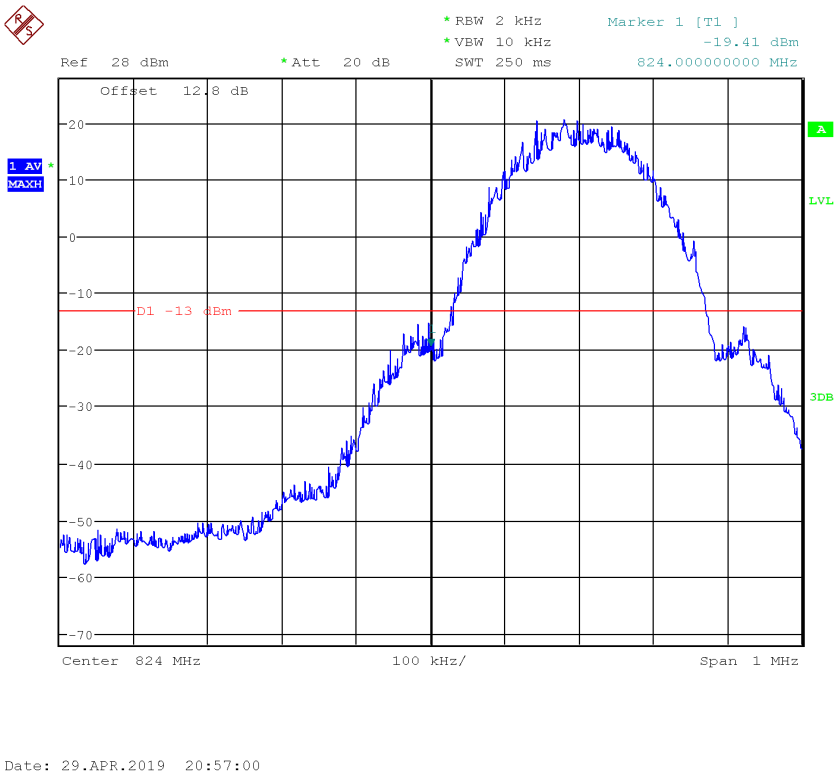
1) The EUT was coupled to the EMI test receiver analyzer mode and the base station simulator through a power divider. The lost of the cables the test system is calibrated to correct the readings.

2) The spectrum analyzer was set to Average Detector function and Maximum hold mode.

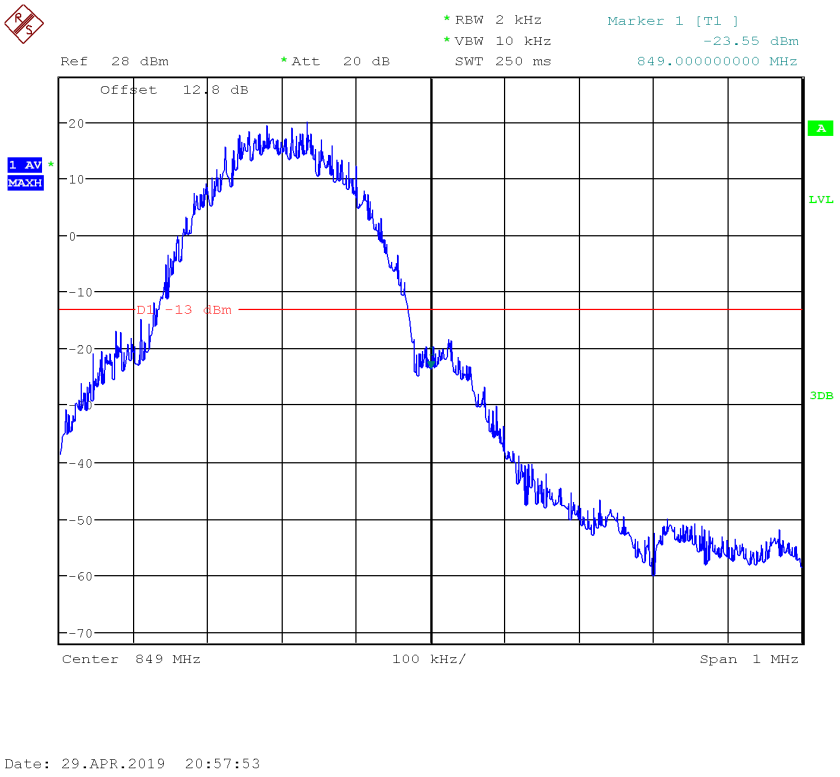
3) The resolution Bandwidth of the spectrum analyzer was a little greater than 1% of the 26dB emission Bandwidth.

Note: In the graphical result description (X, Y), X represents the number of RB, Y represents the RB offset.

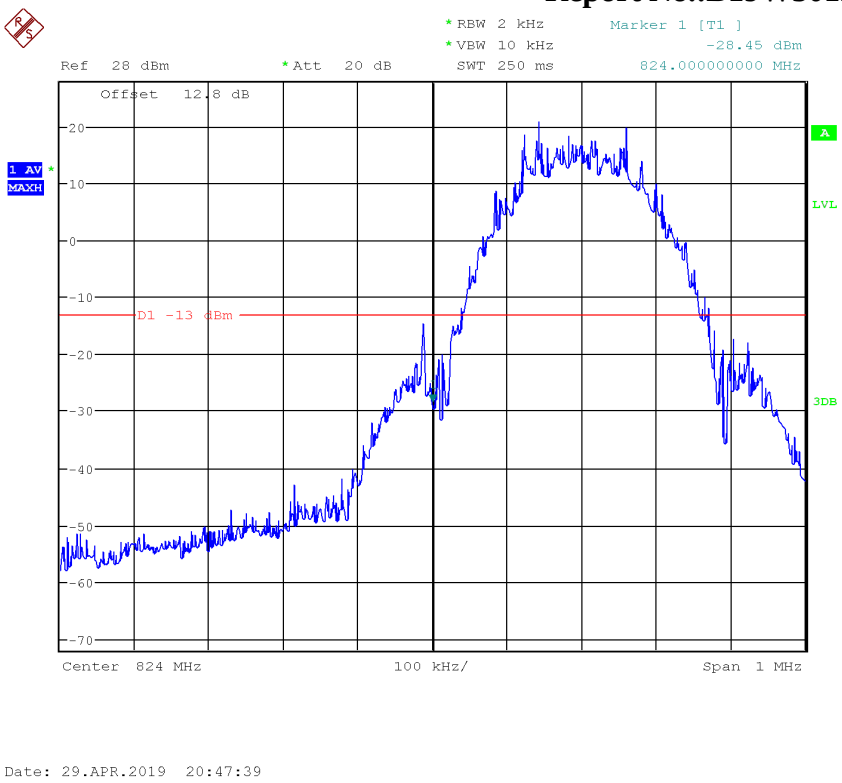
5.5.1 GSM850 Band Edge Results



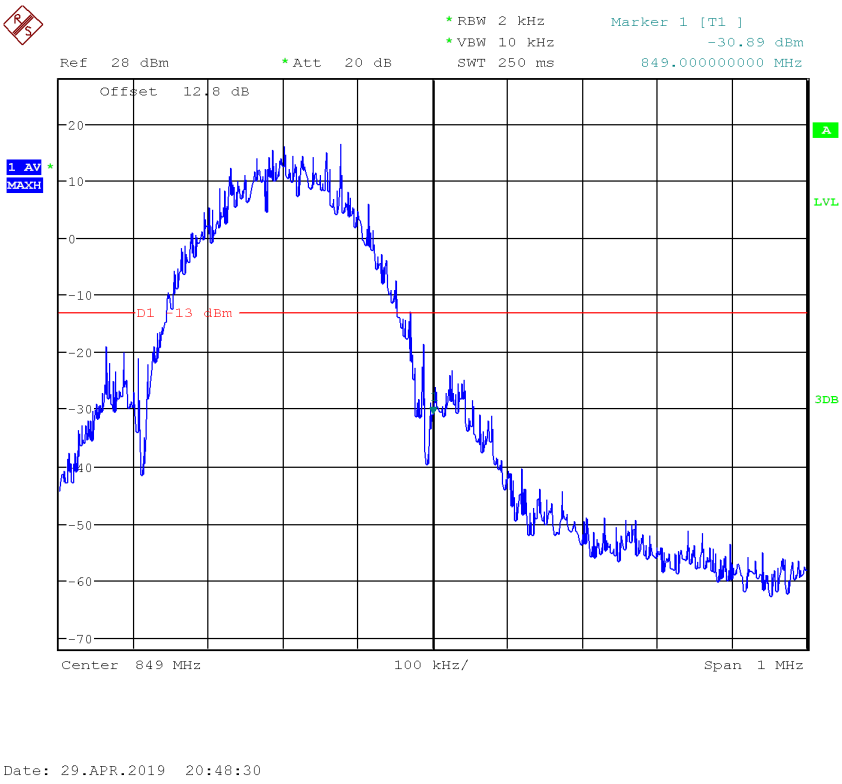
GMSK; Cellular low channel, below 824 MHz



GMSK; Cellular high channel, above 849 MHz

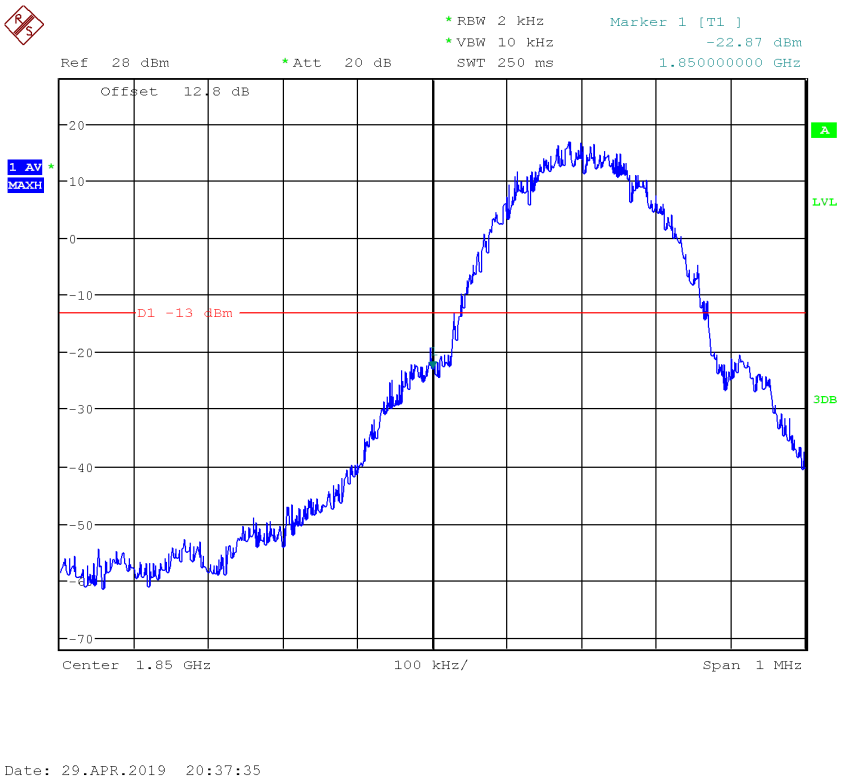


8PSK; Cellular low channel, below 824 MHz

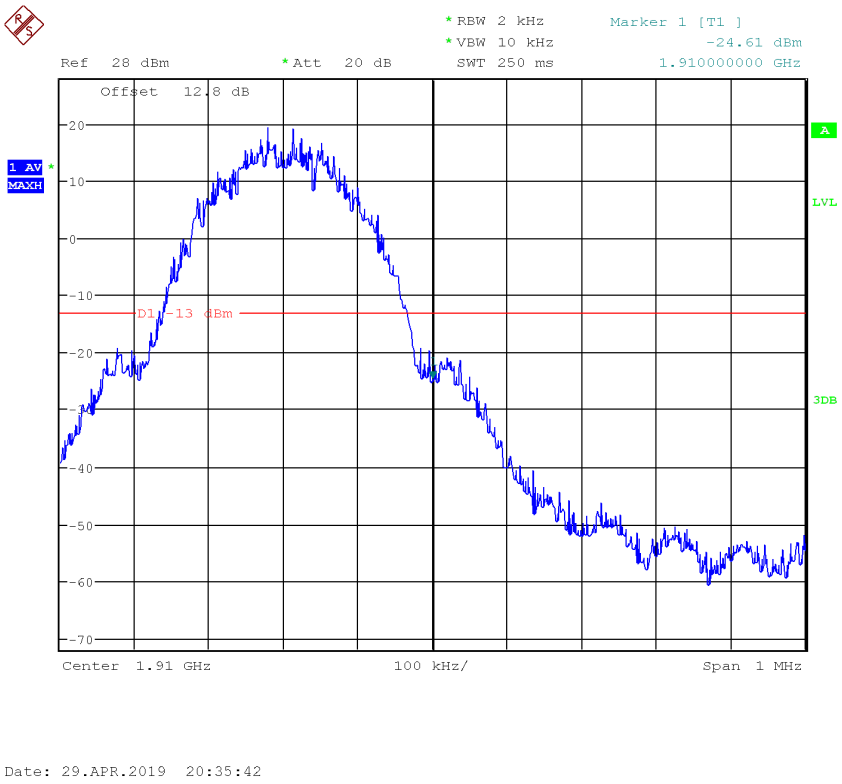


8PSK; Cellular high channel, above 849 MHz

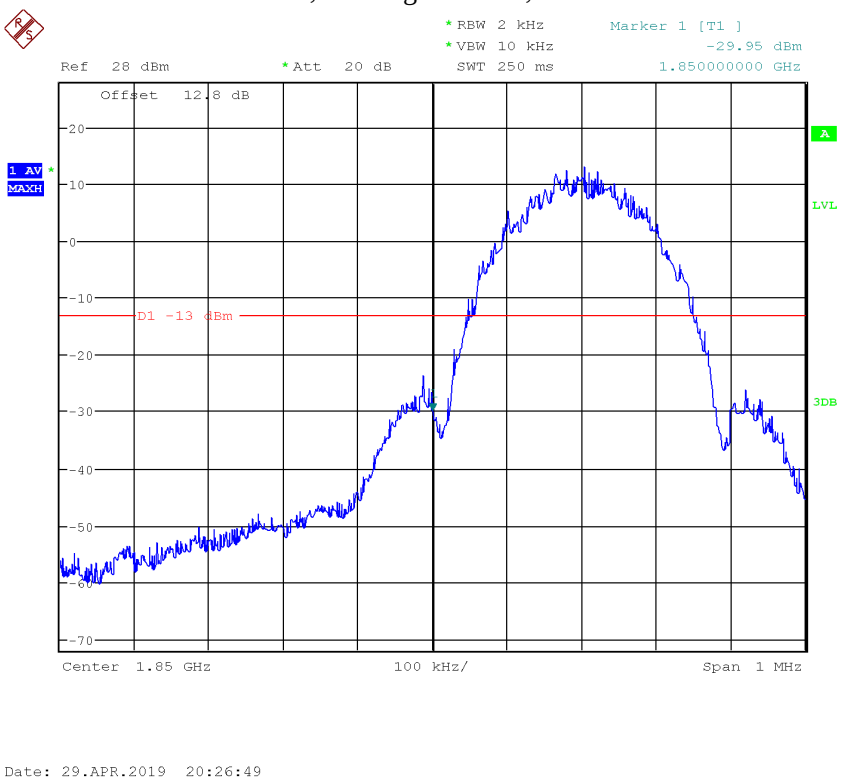
5.5.2 PCS1900 Band Edge Results



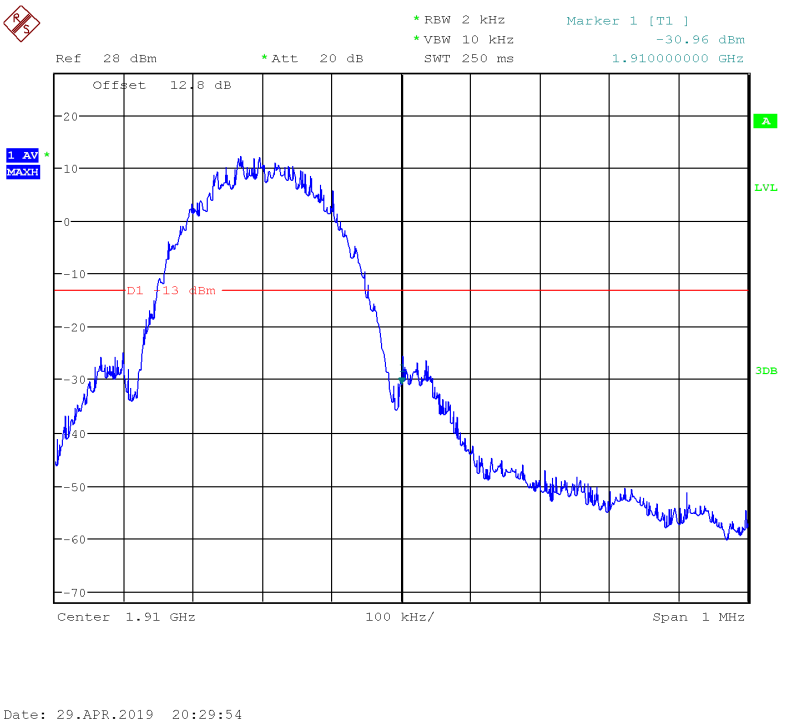
GMSK; PCS low channel, below 1850 MHz



GMSK; PCS high channel, above 1910 MHz

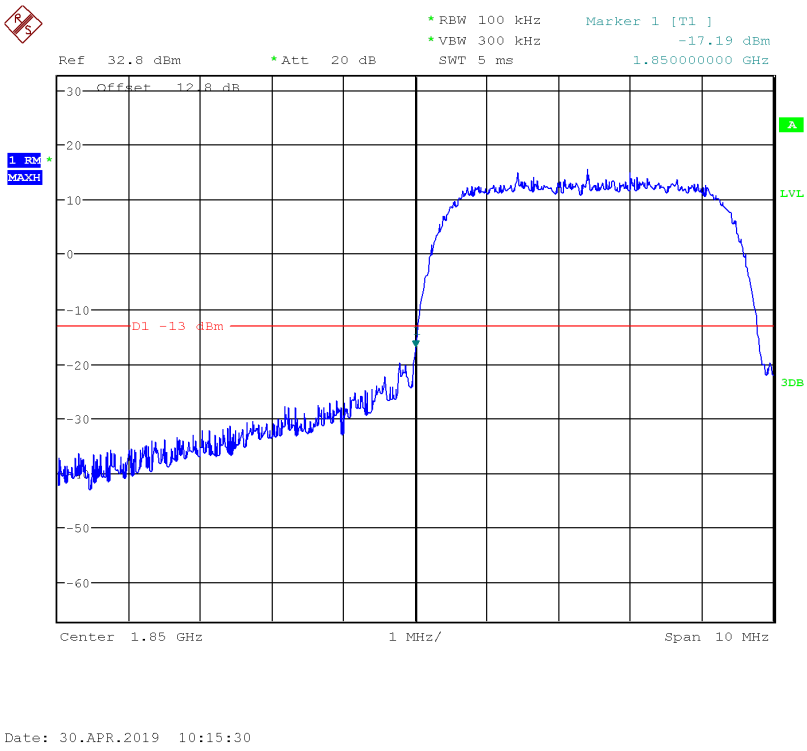


8PSK; PCS low channel, below 1850 MHz

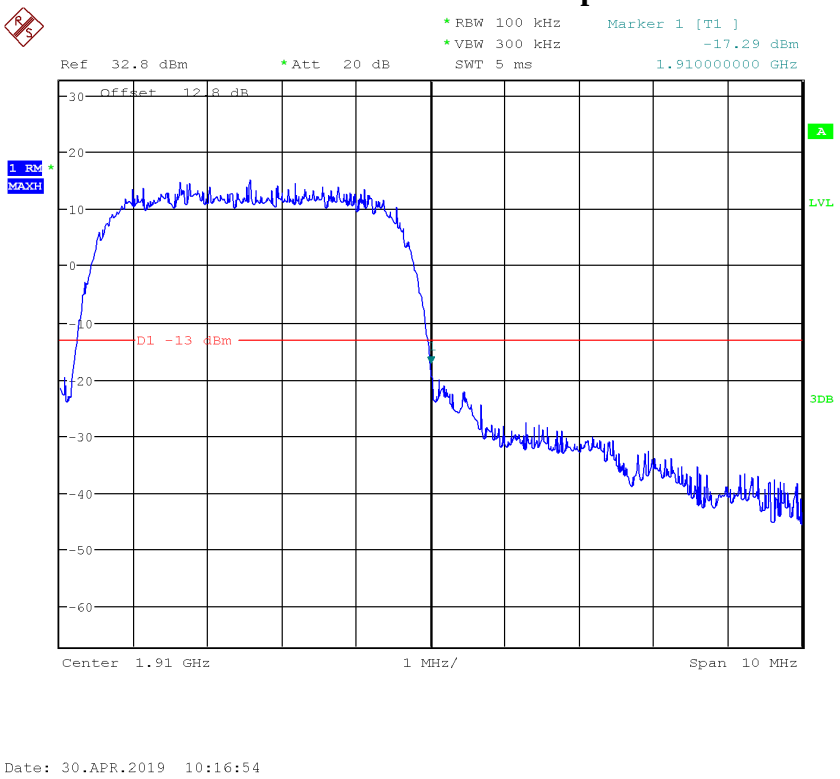


8PSK; PCS high channel, above 1910 MHz

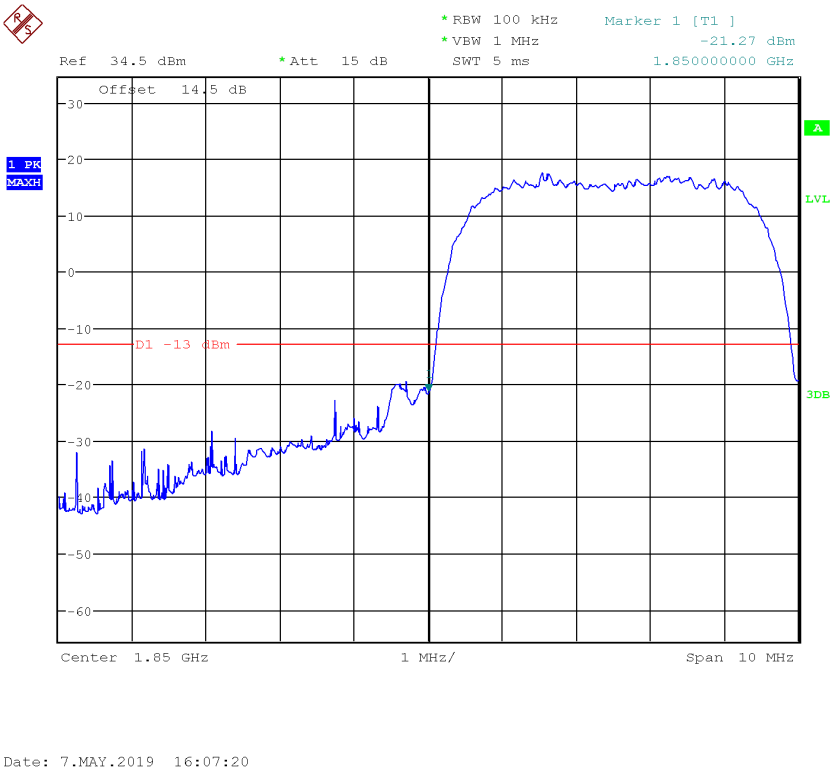
5.5.3 WCDMA B2 Band Edge Results



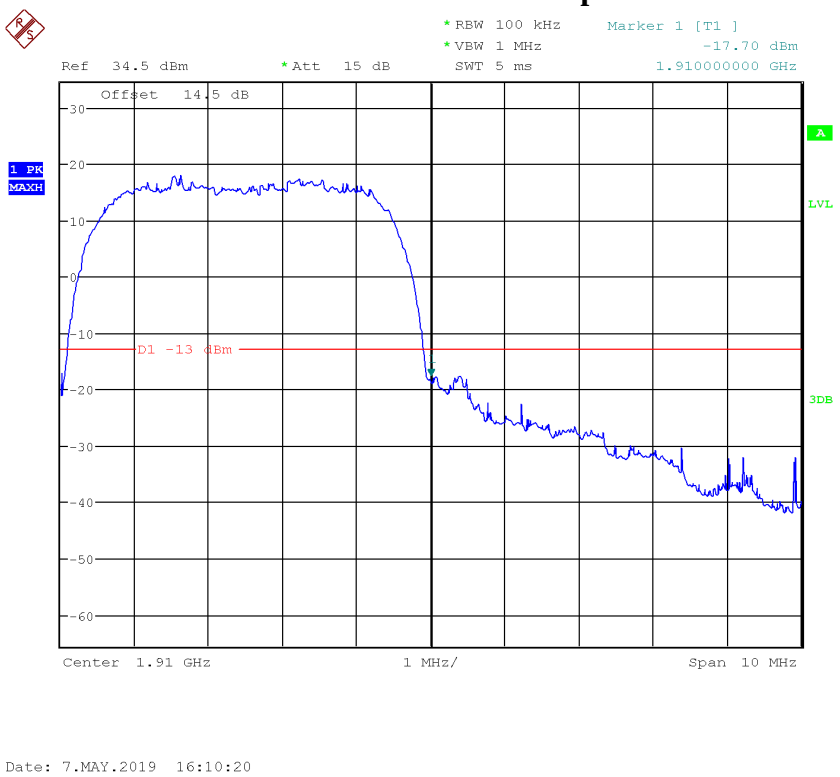
WCDMA Band 2 QPSK, Low Channel , Below 1850MHz



WCDMA Band 2 QPSK, High Channel , Above 1910MHz

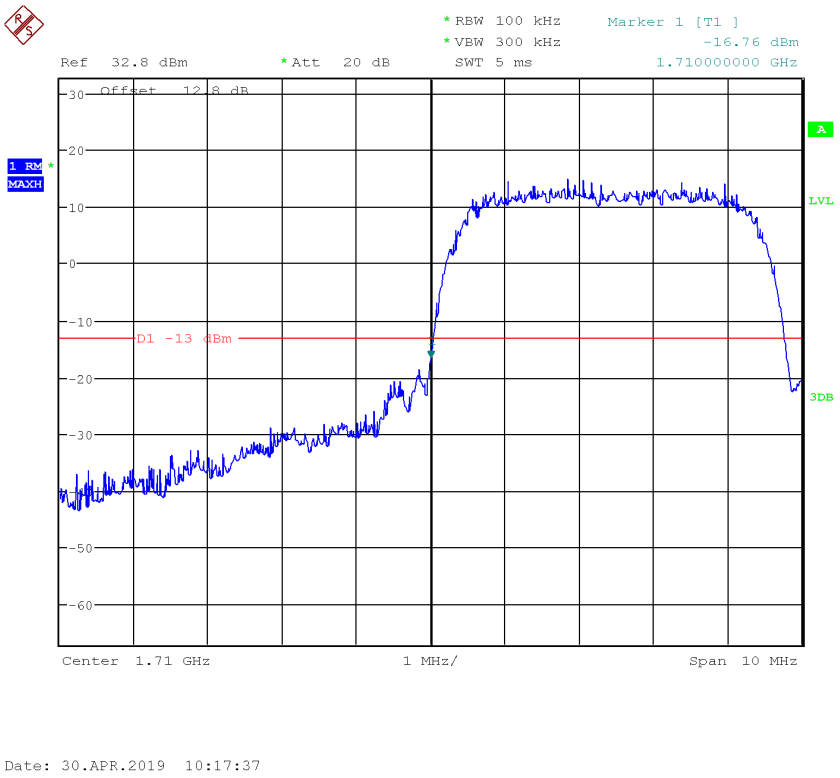


WCDMA Band 2 16QAM, Low Channel , Below 1850MHz

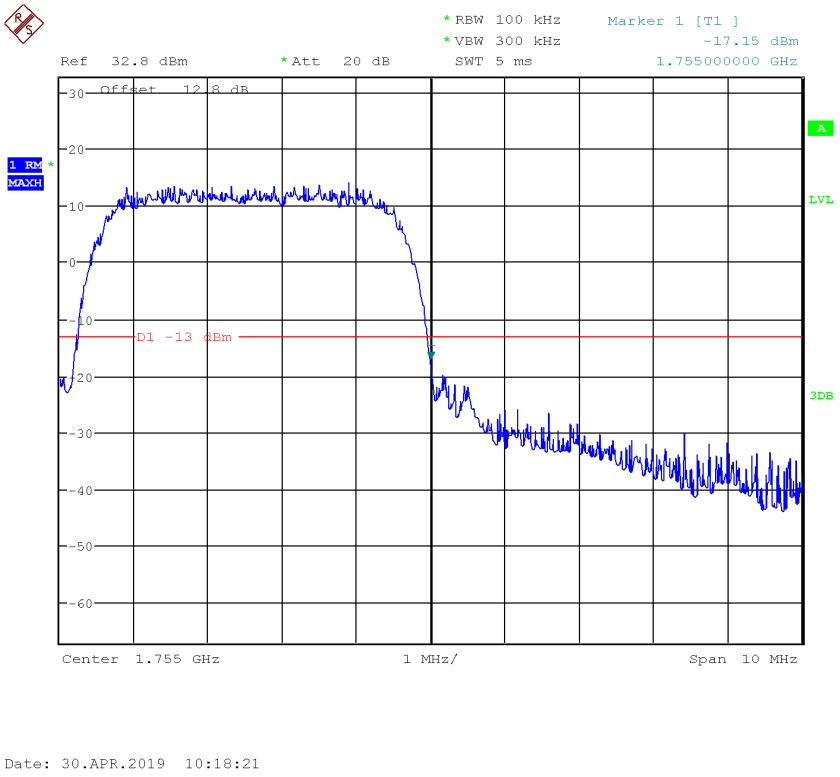


WCDMA Band 2 16QAM, High Channel , Above 1910MHz

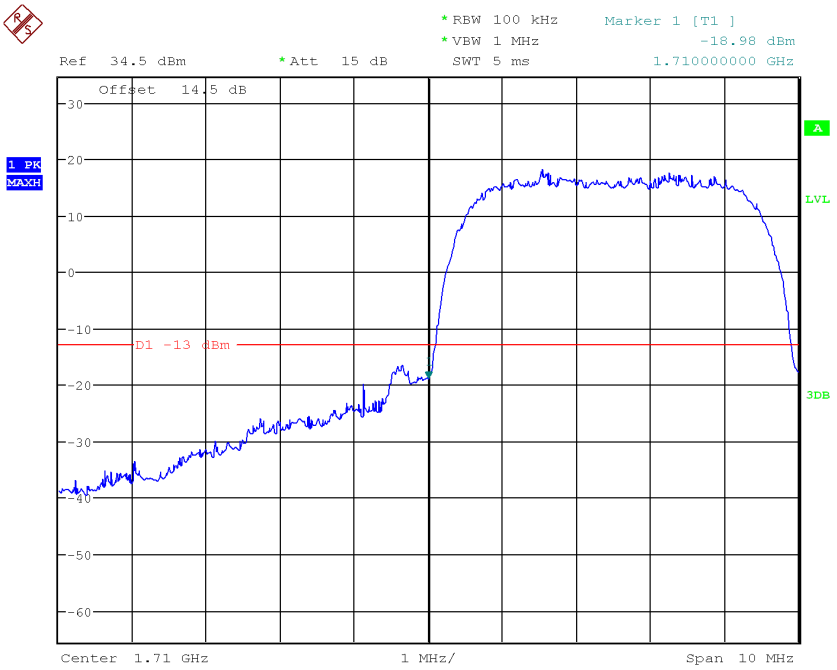
5.5.4 WCDMA B4 Band Edge Results



WCDMA Band 4 QPSK, Low Channel , Below1710MHz

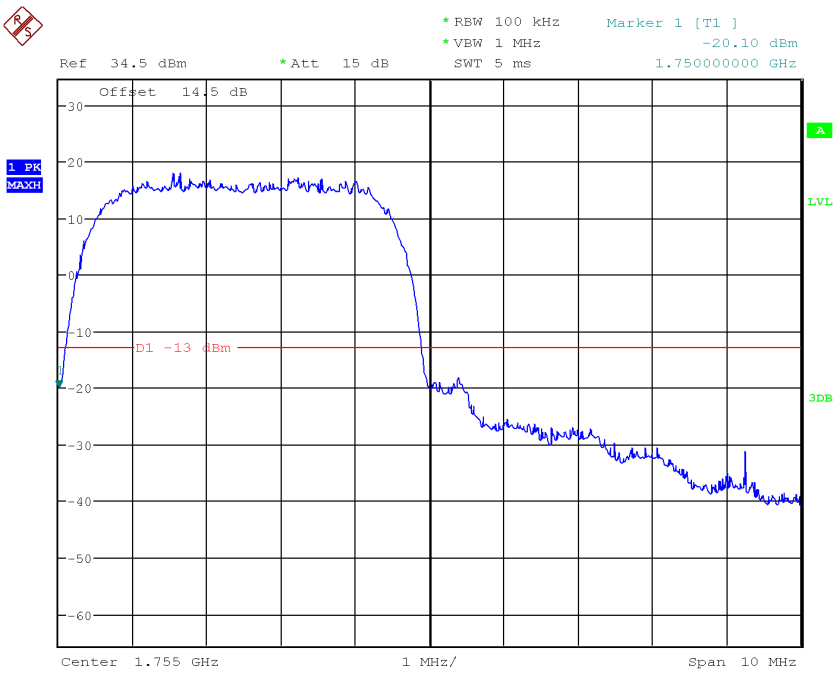


WCDMA Band 4 QPSK, High Channel , Above 1755MHz



Date: 7.MAY.2019 16:11:04

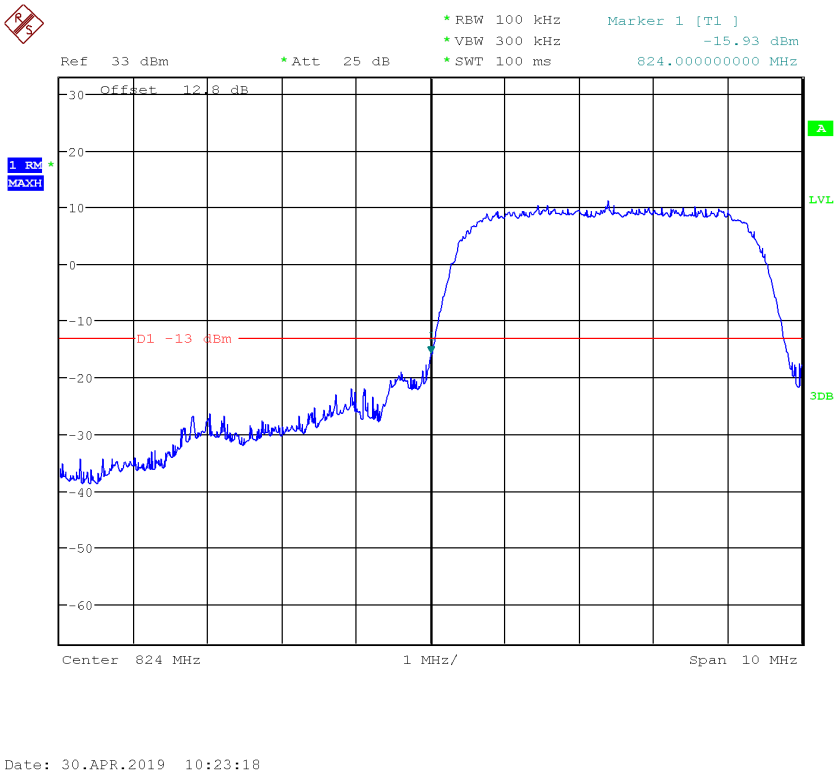
WCDMA Band 4 16QAM, Low Channel , Below1710MHz



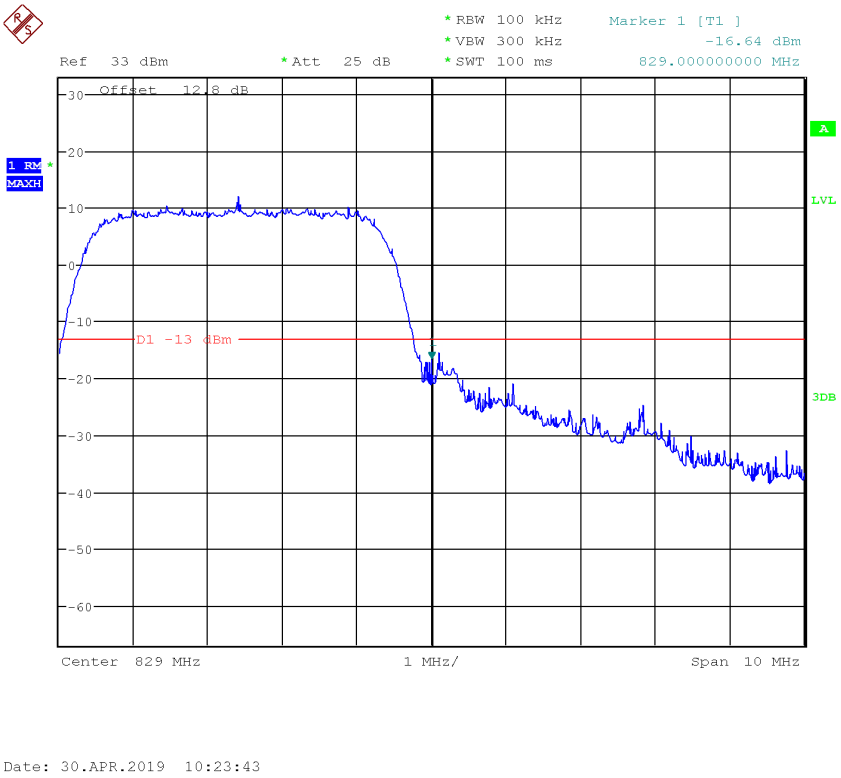
Date: 7.MAY.2019 16:12:02

WCDMA Band 4 16QAM, High Channel , Above 1755MHz

5.5.4 WCDMA B5 Band Edge Results

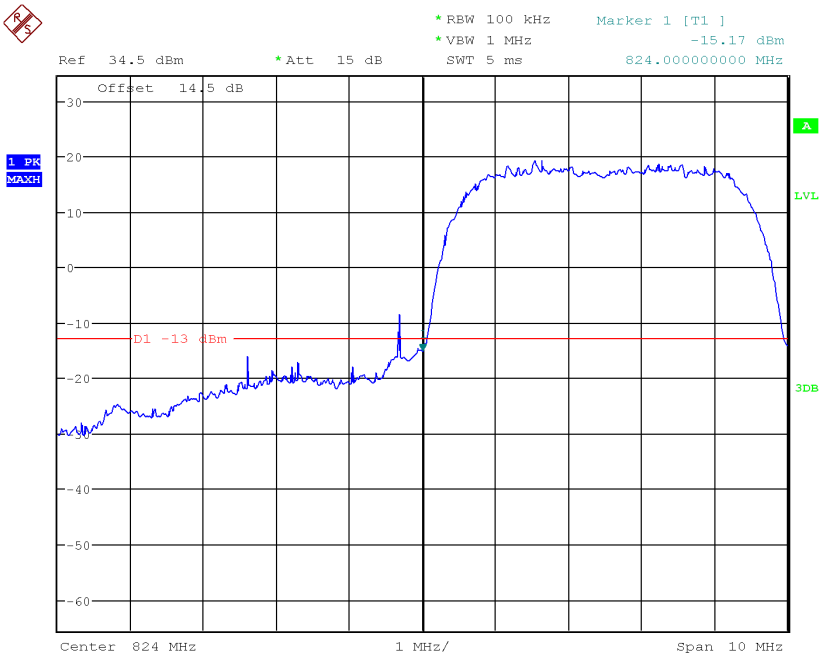


WCDMA Band 5 QPSK, Low Channel , Below 824MHz



WCDMA Band 5 QPSK, High Channel , Above 849MHz

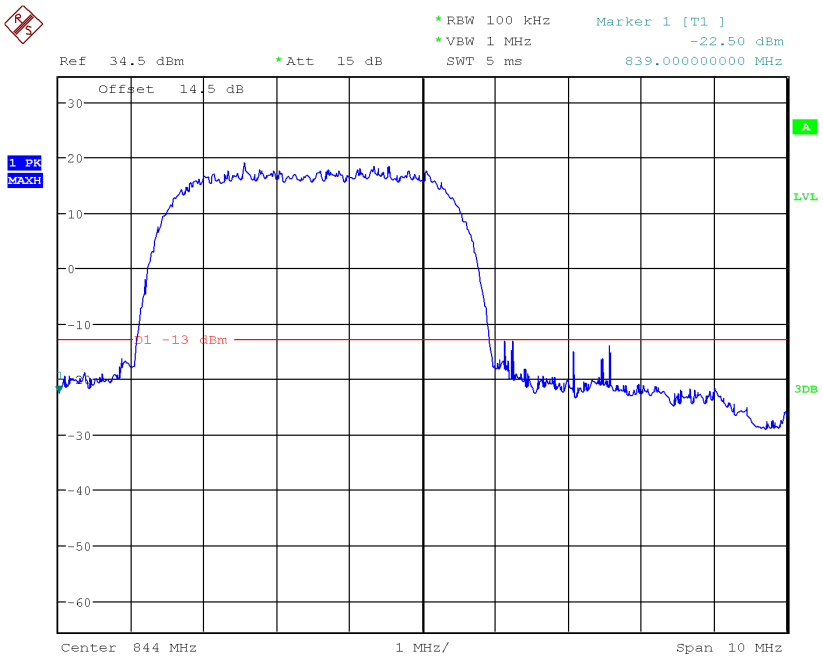
WCDMA Band 5 16QAM,



Date: 7.MAY.2019 16:13:56

Lo w Channel ,

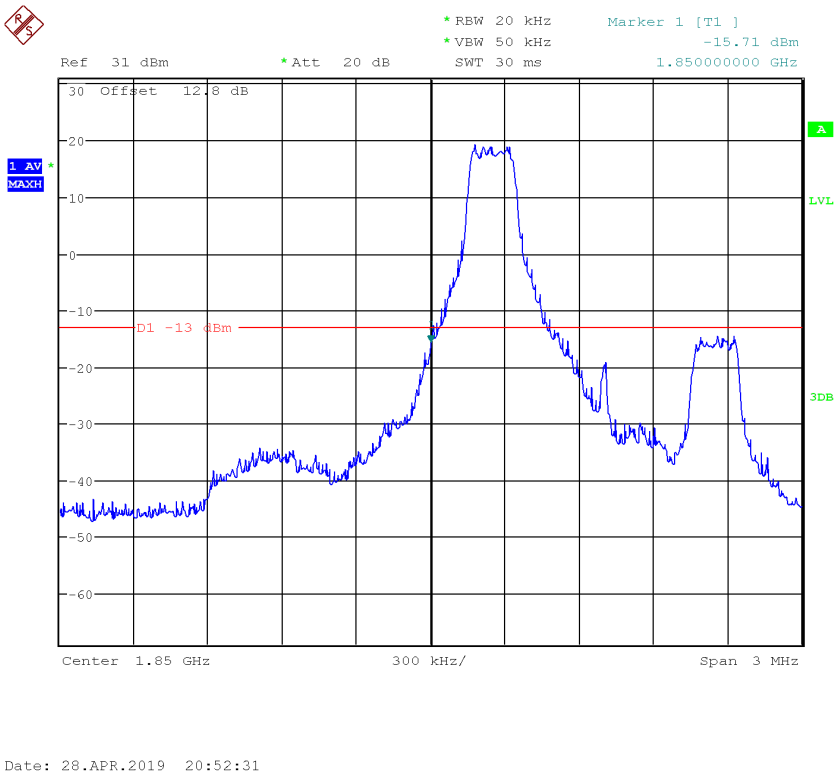
Below 824MHz



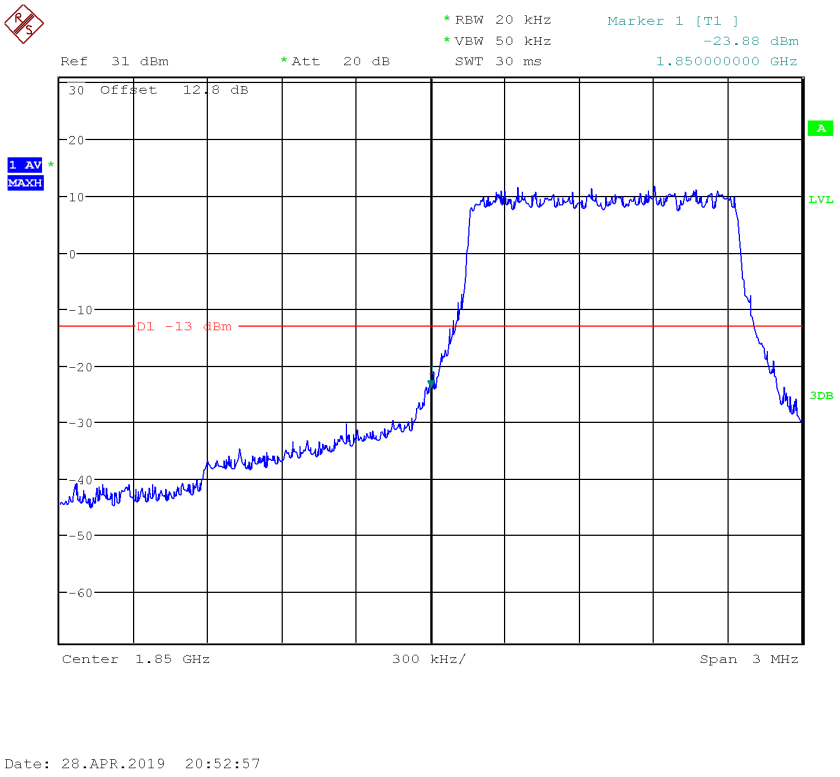
Date: 7.MAY.2019 16:15:23

WCDMA Band 5 16QAM, High Channel , Above 849MHz

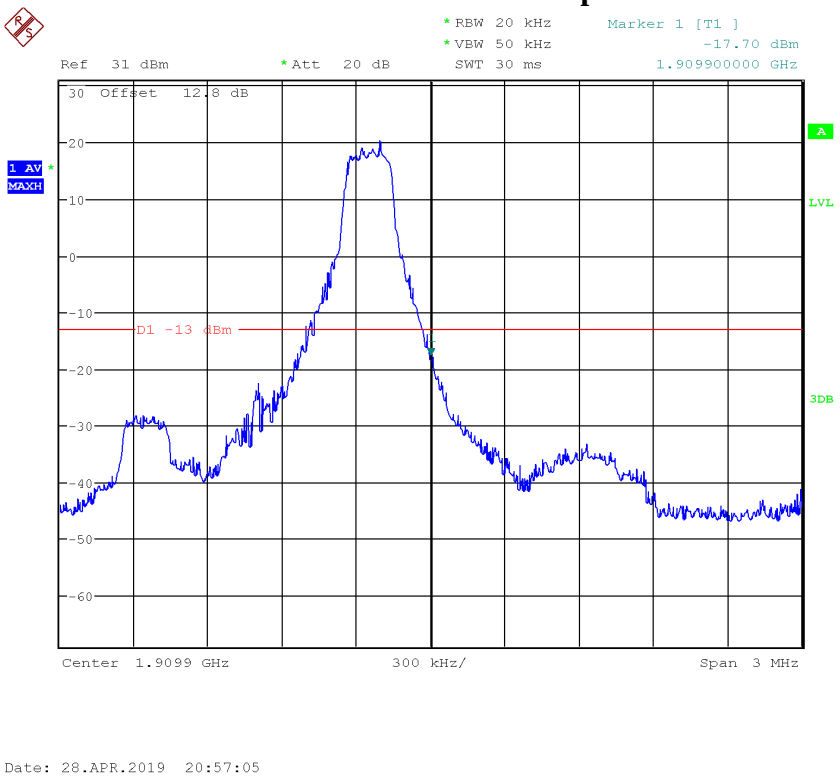
5.5.6 LTE B2 Band Edge Results



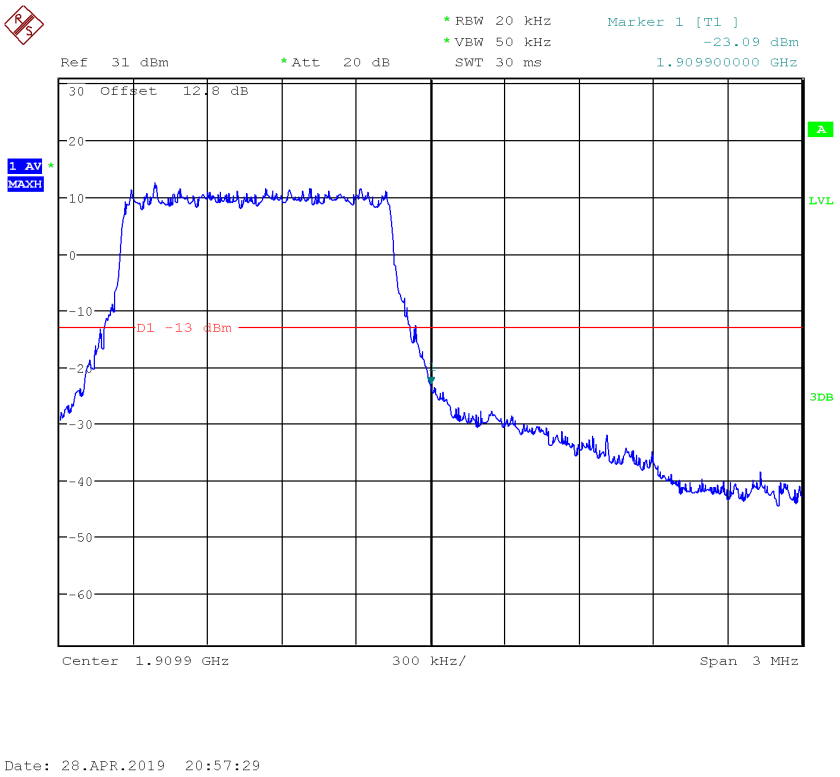
LTE Band2, 1.4MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



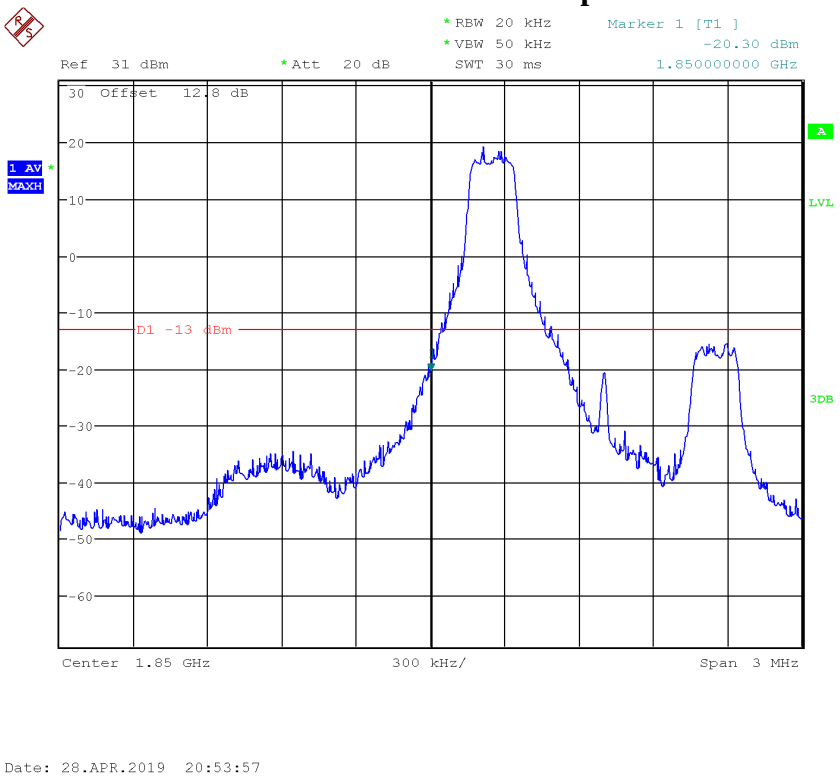
LTE Band2, 1.4MHz bandwidth, QPSK,(6,0) Mode , Below 1850MHz



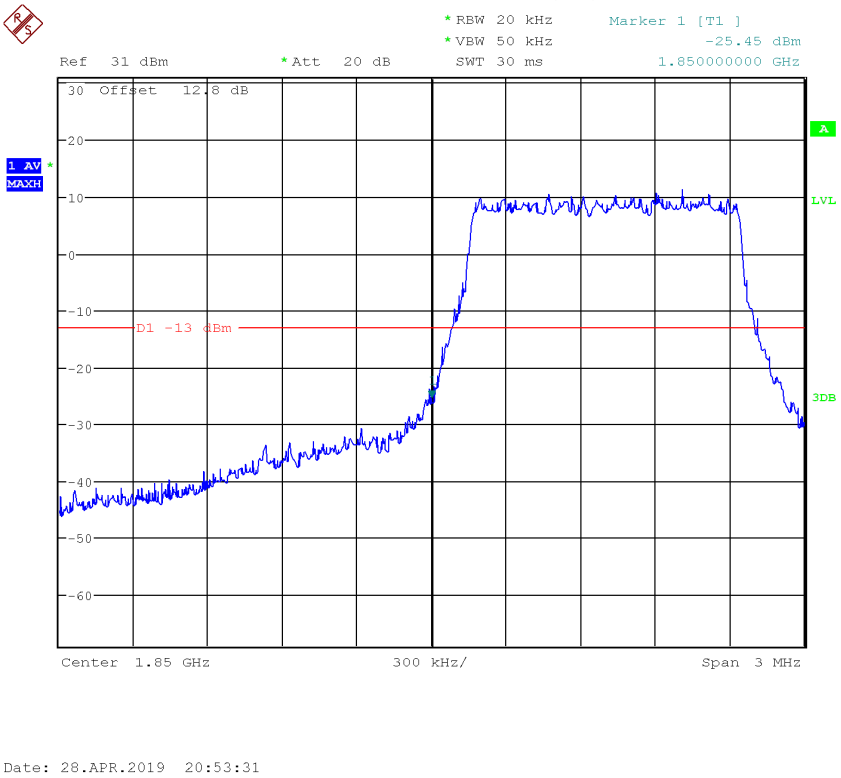
LTE Band2, 1.4MHz bandwidth, QPSK,(1,6) Mode, Above 1910MHz



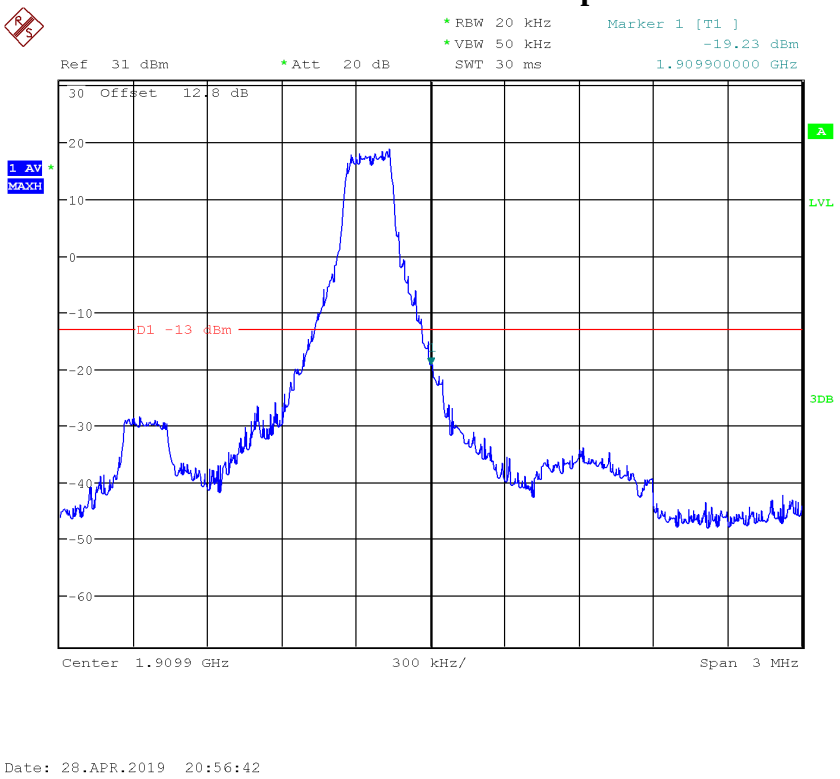
LTE Band2, 1.4MHz bandwidth, QPSK,(6,0) Mode, Above 1910MHz



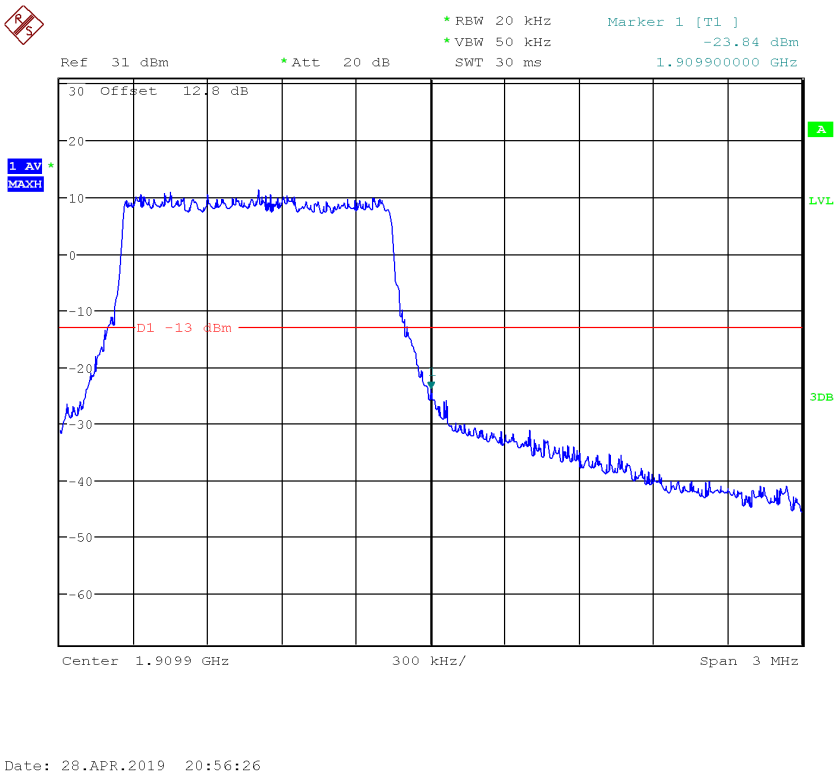
LTE Band2, 1.4MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz



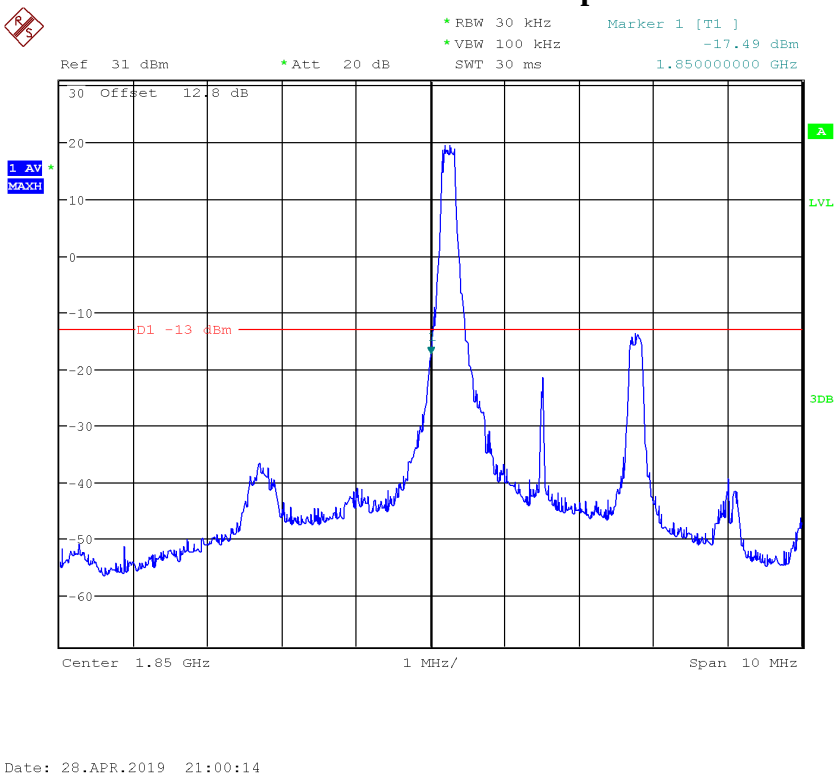
LTE Band2, 1.4MHz bandwidth, 16QAM,(6,0) Mode , Below 1850MHz



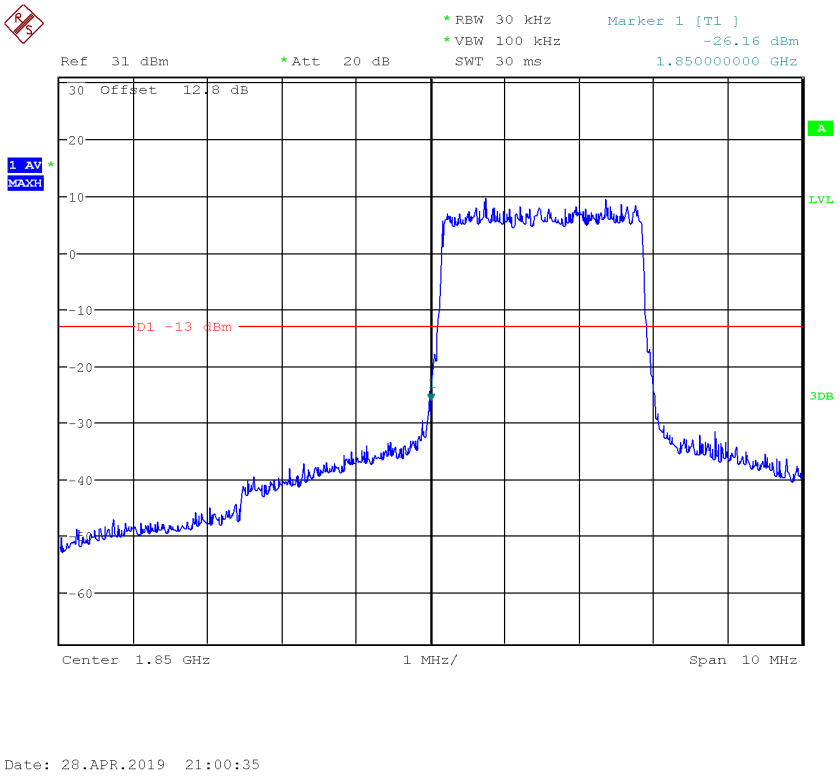
LTE Band2, 1.4MHz bandwidth, 16QAM,(1,6) Mode, Above 1910MHz



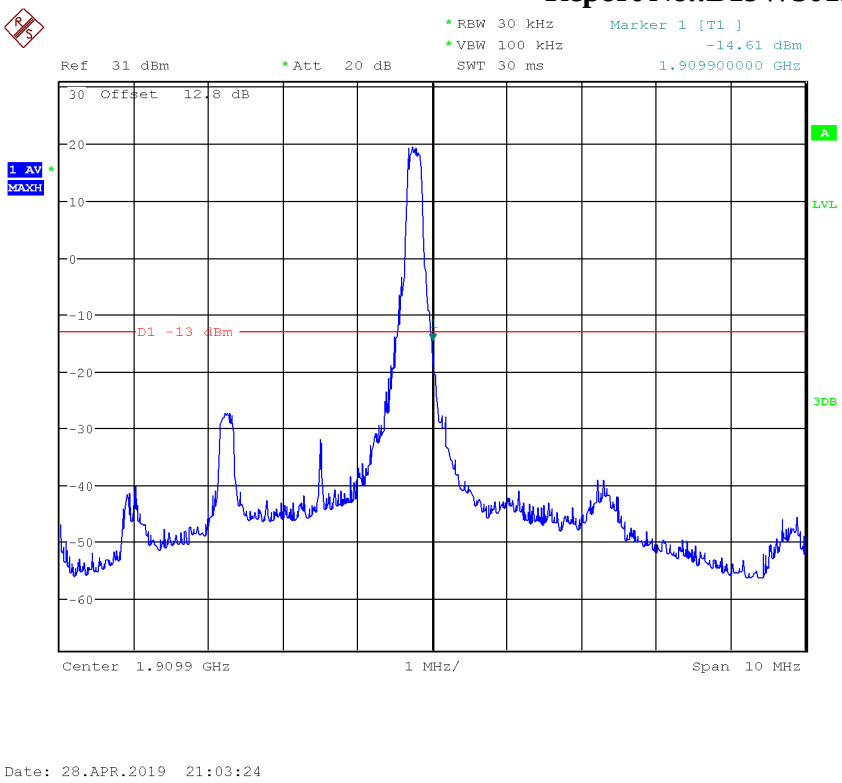
LTE Band2, 1.4MHz bandwidth, 16QAM,(6,0) Mode, Above 1910MHz



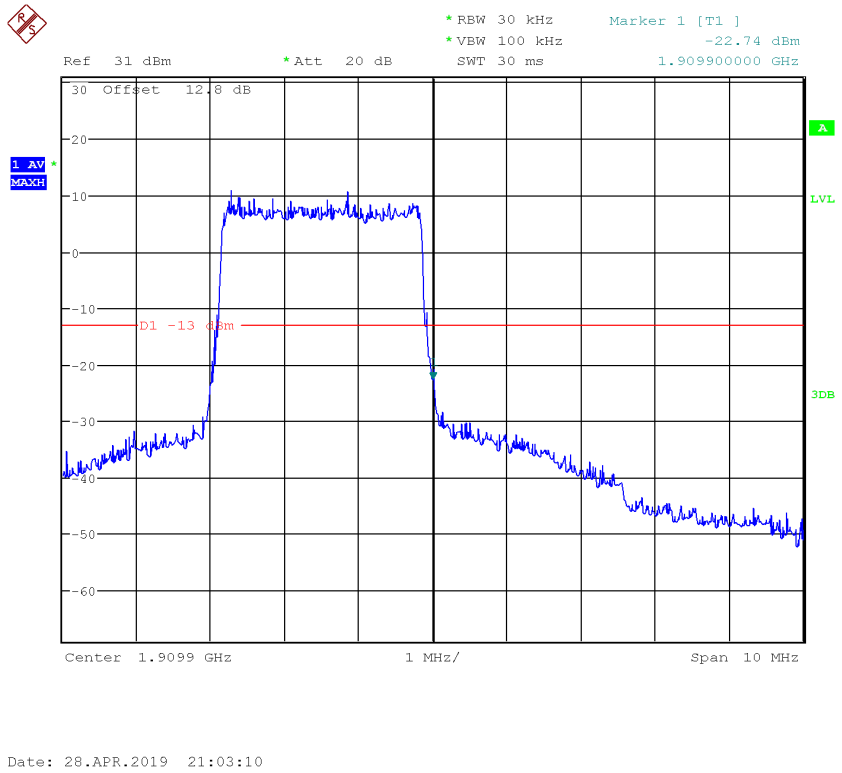
LTE Band2, 3MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



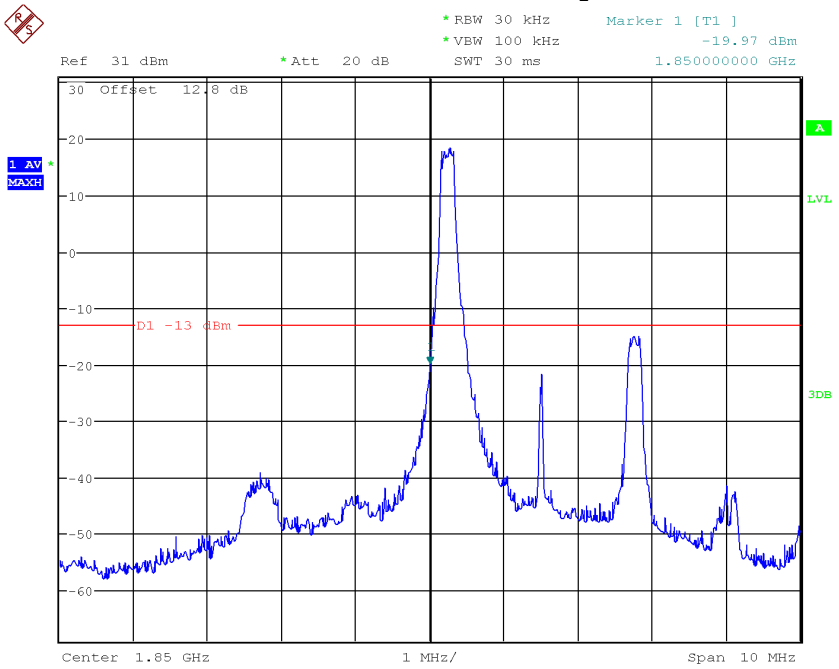
LTE Band2, 3MHz bandwidth, QPSK,(15,0) Mode , Below 1850MHz



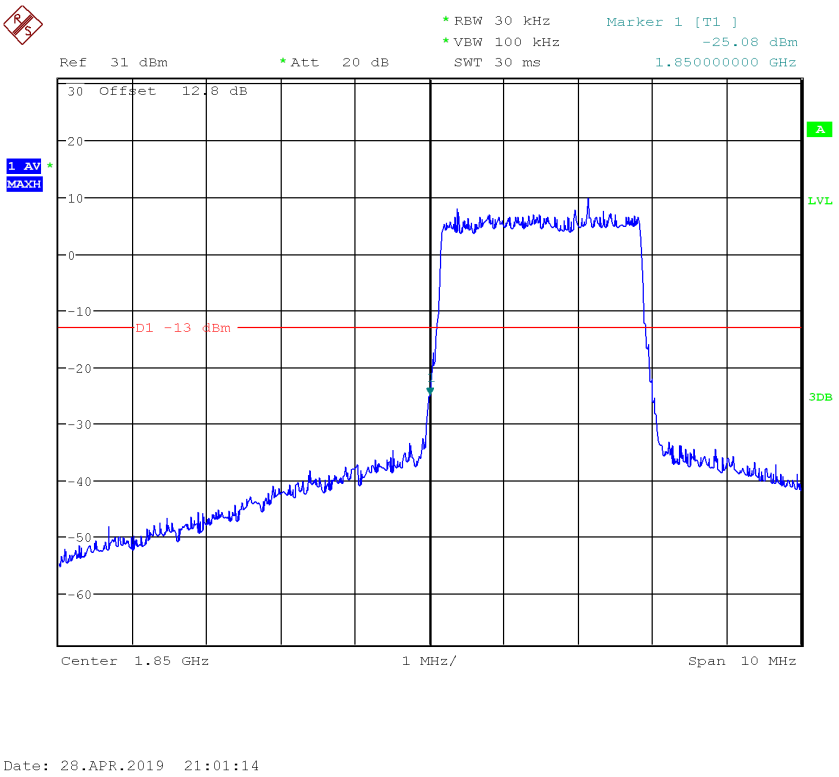
LTE Band2, 3MHz bandwidth, QPSK,(1,15) Mode, Above 1910MHz



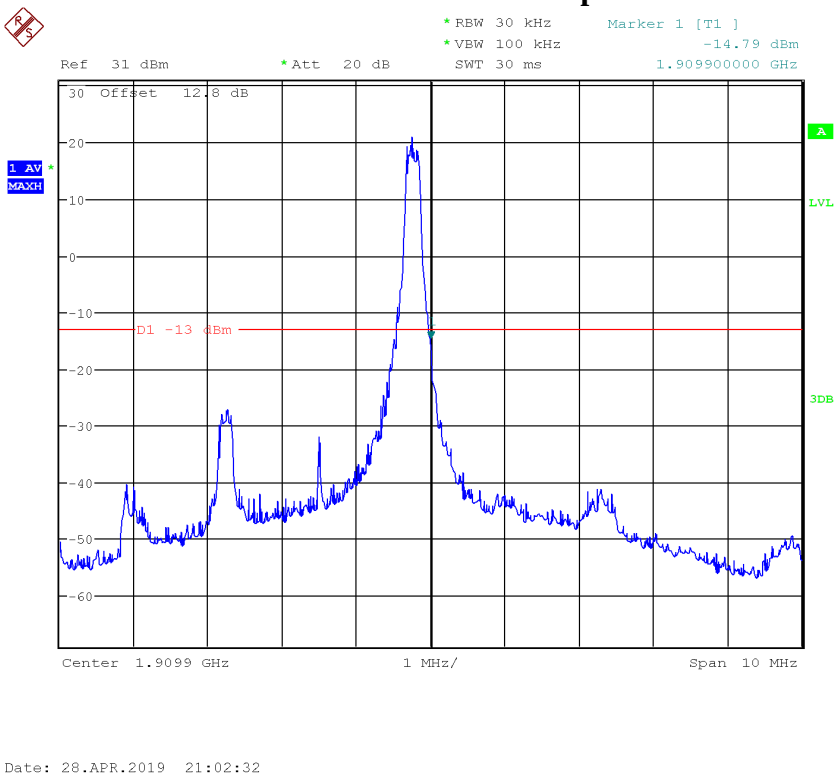
LTE Band2, 3MHz bandwidth, QPSK,(15,0) Mode, Above 1910MHz



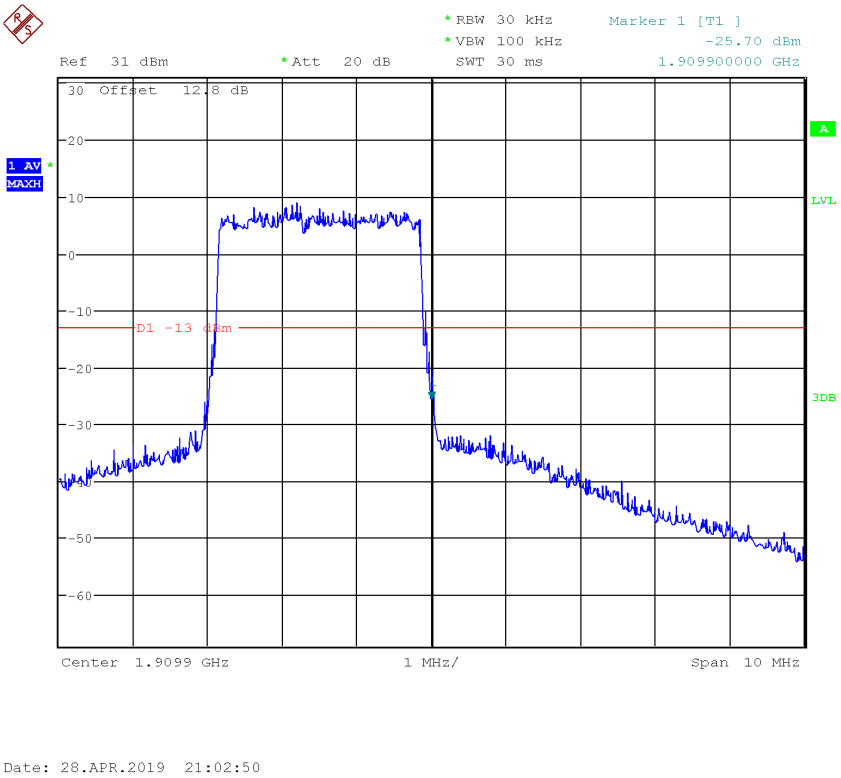
LTE Band2, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz



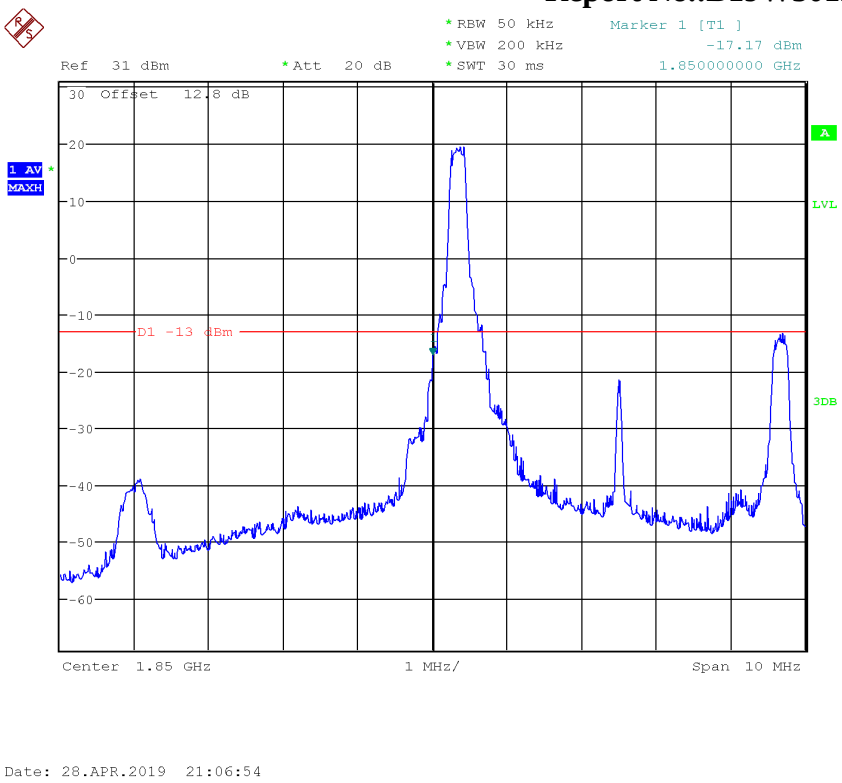
LTE Band2, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 1850MHz



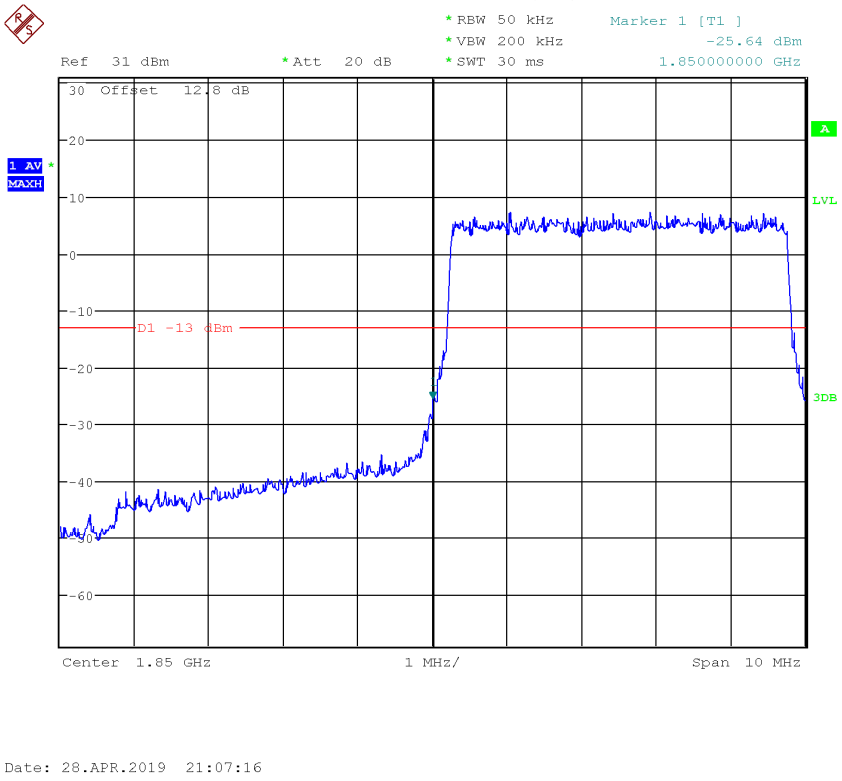
LTE Band2, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 1910MHz



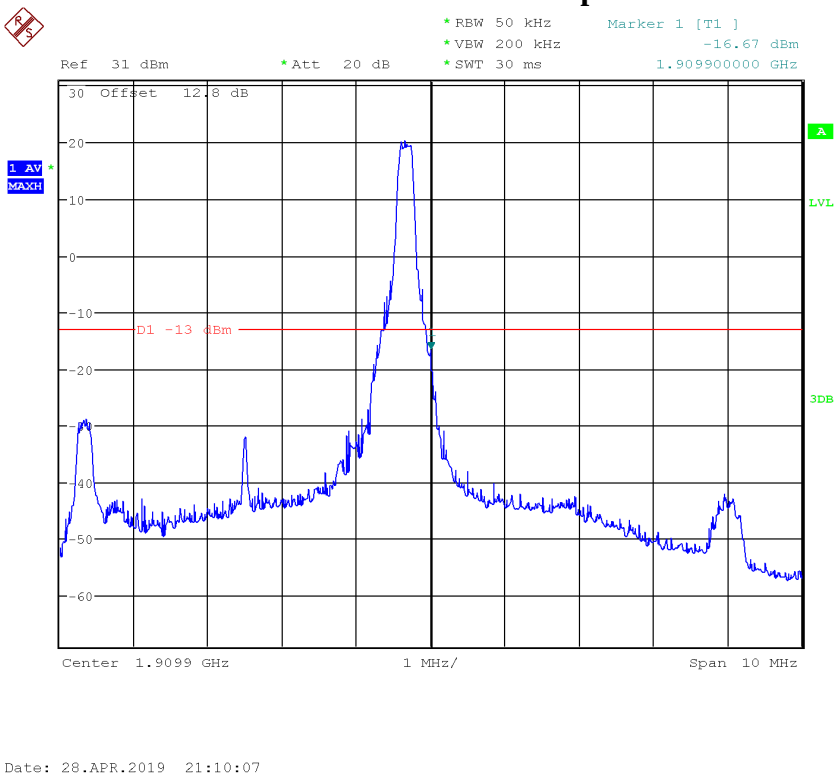
LTE Band2, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 1910MHz



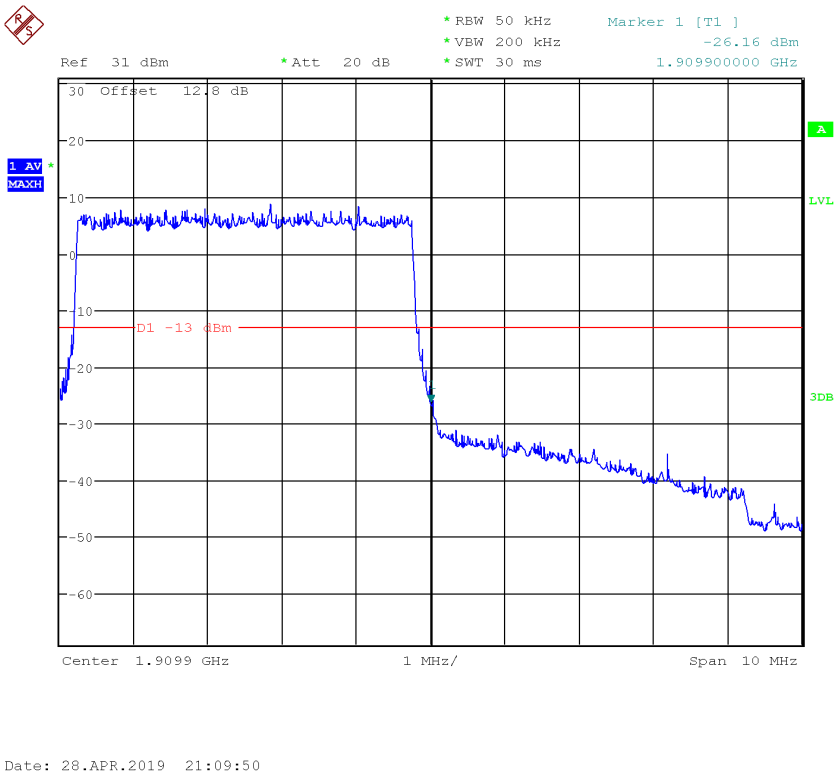
LTE Band2, 5MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



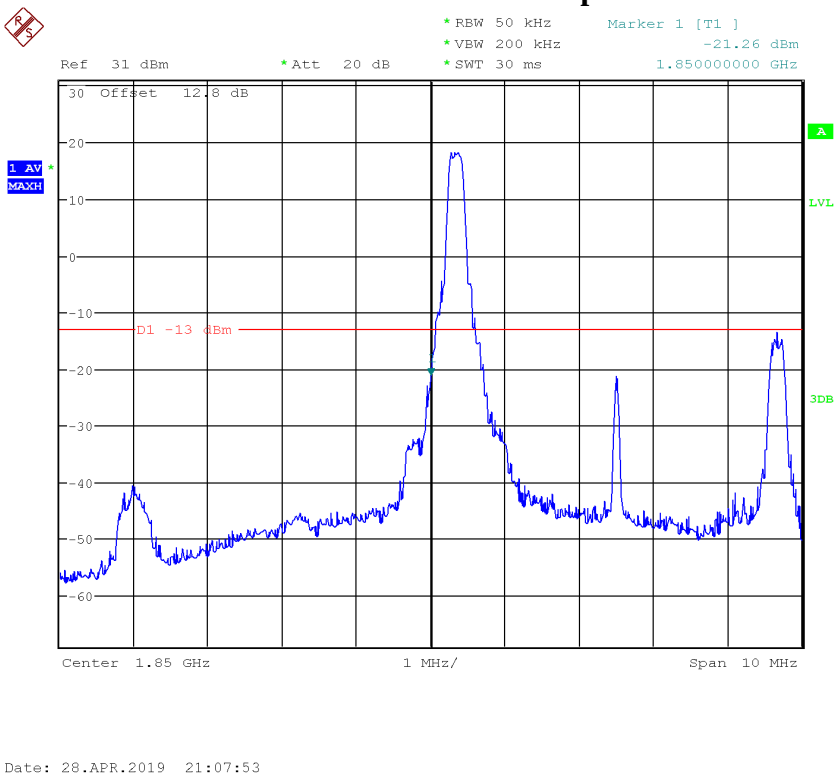
LTE Band2, 5MHz bandwidth, QPSK,(25,0) Mode , Below 1850MHz



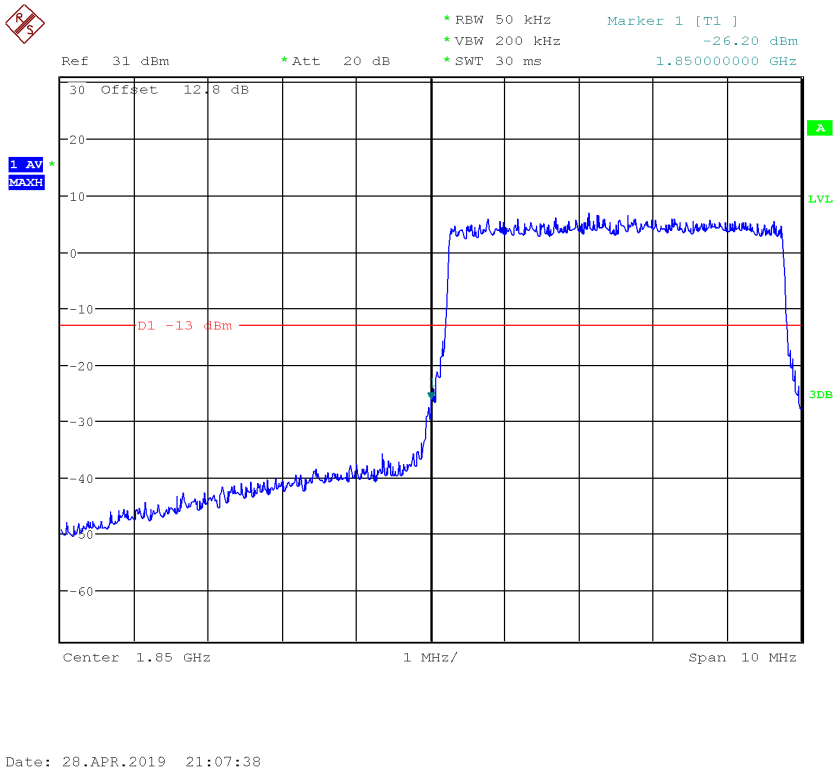
LTE Band2, 5MHz bandwidth, QPSK,(1,25) Mode, Above 1910MHz



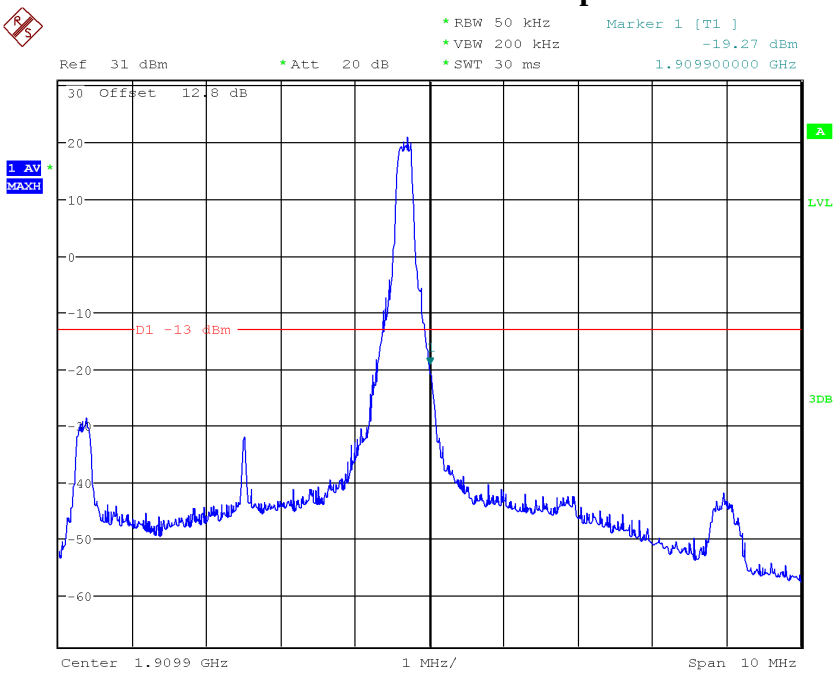
LTE Band2, 5MHz bandwidth, QPSK,(25,0) Mode, Above 1910MHz



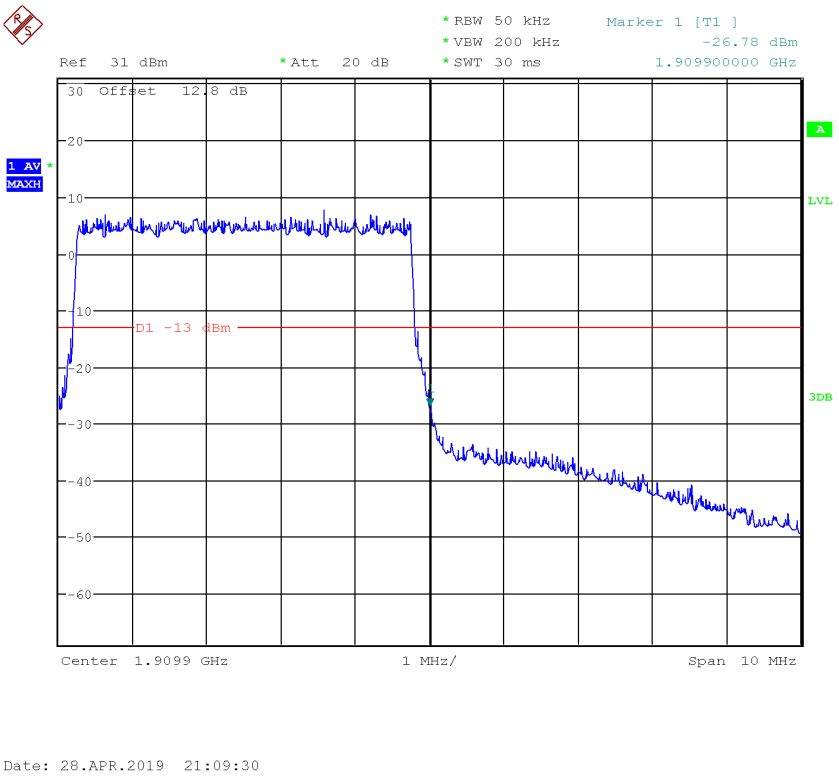
LTE Band2, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz



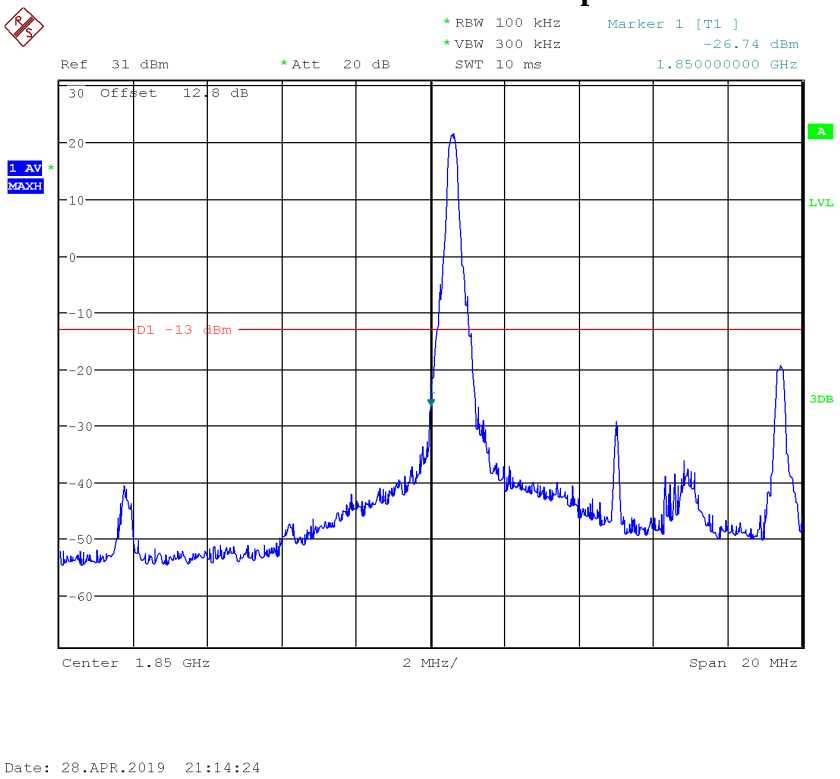
LTE Band2, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 1850MHz



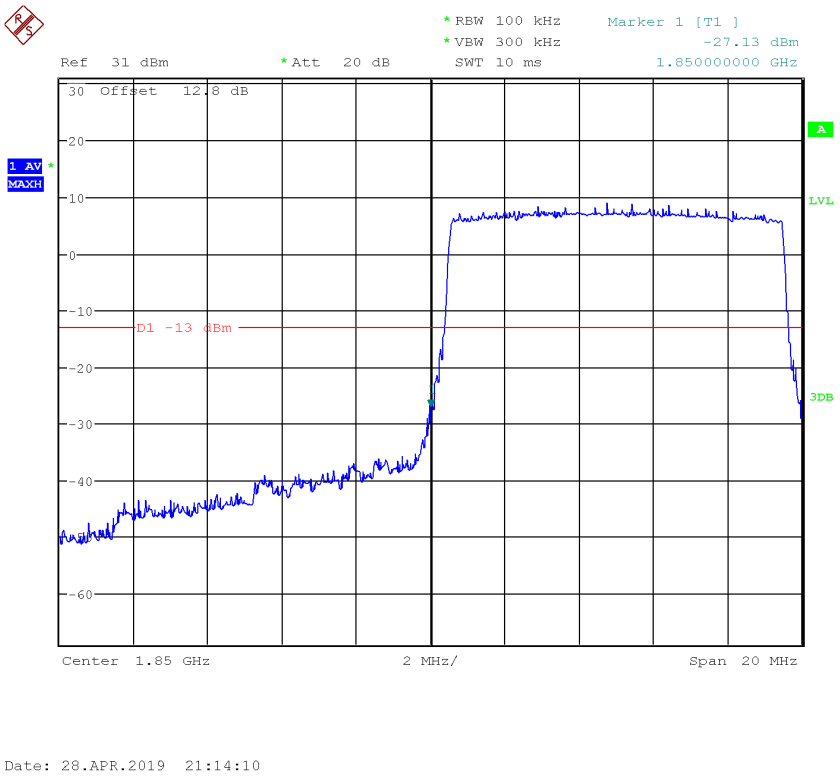
LTE Band2, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 1910MHz



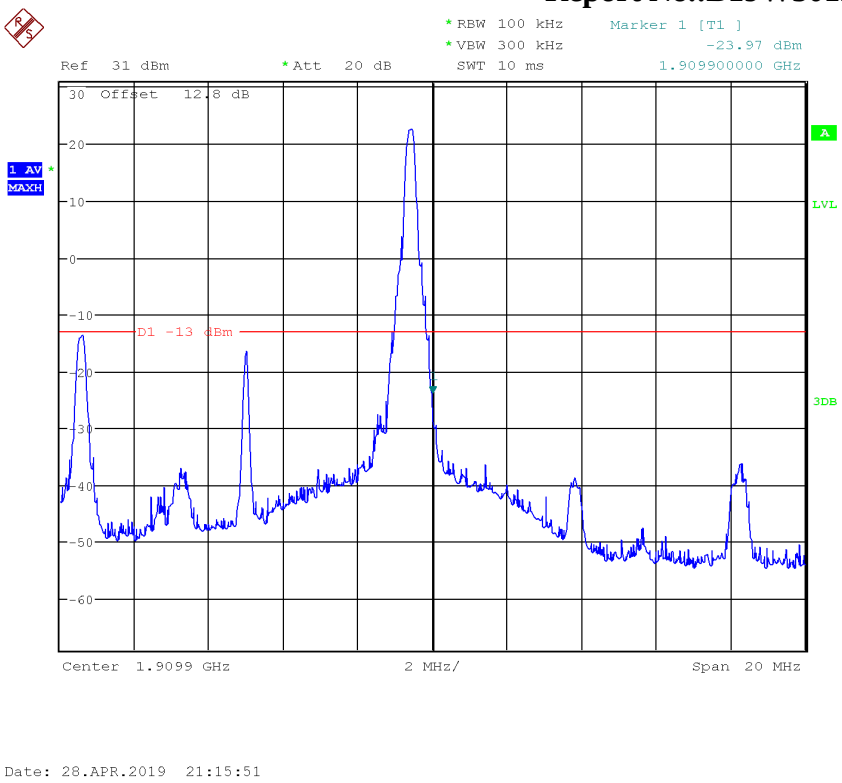
LTE Band2, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 1910MHz



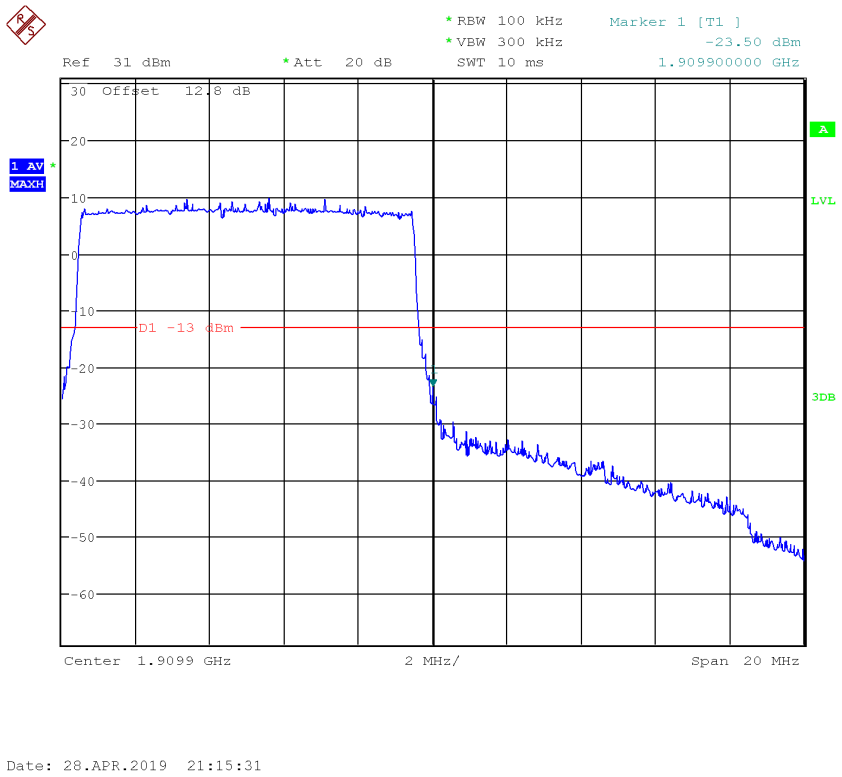
LTE Band2, 10MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



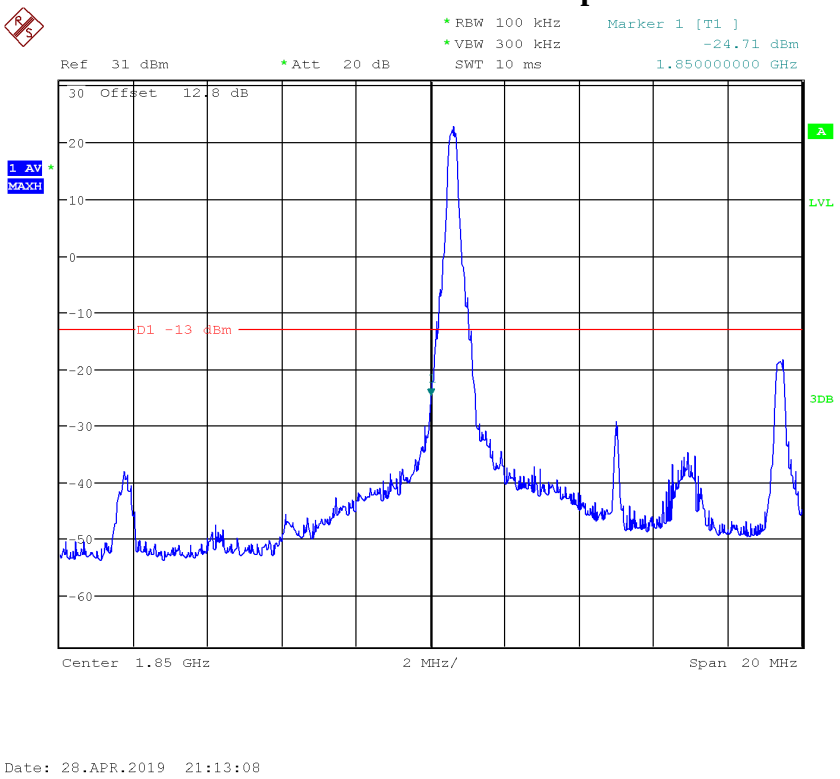
LTE Band2, 10MHz bandwidth, QPSK,(50,0) Mode , Below 1850MHz



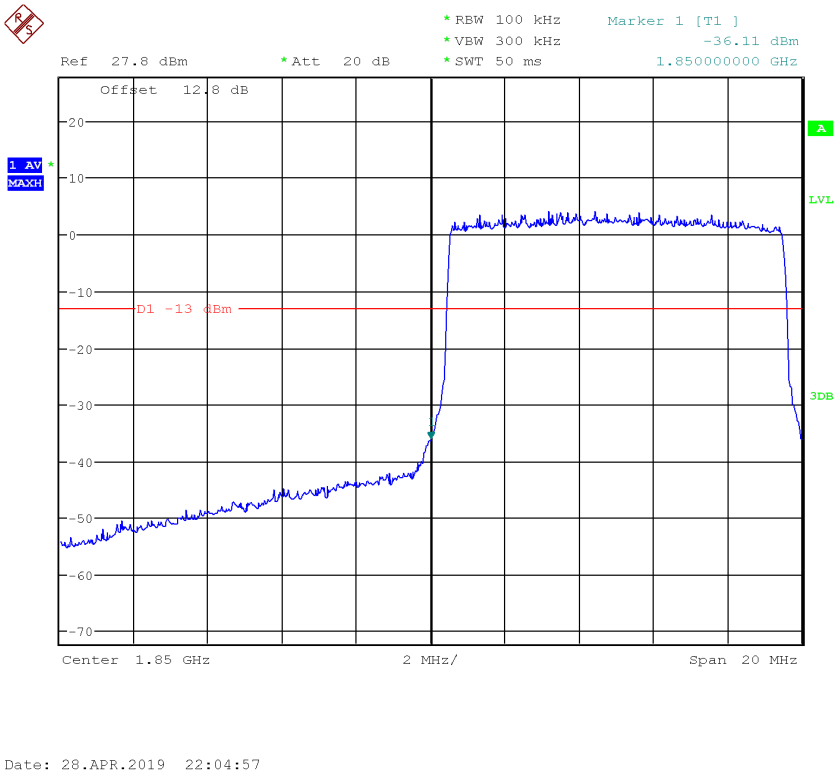
LTE Band2, 10MHz bandwidth, QPSK,(1,50) Mode, Above 1910MHz



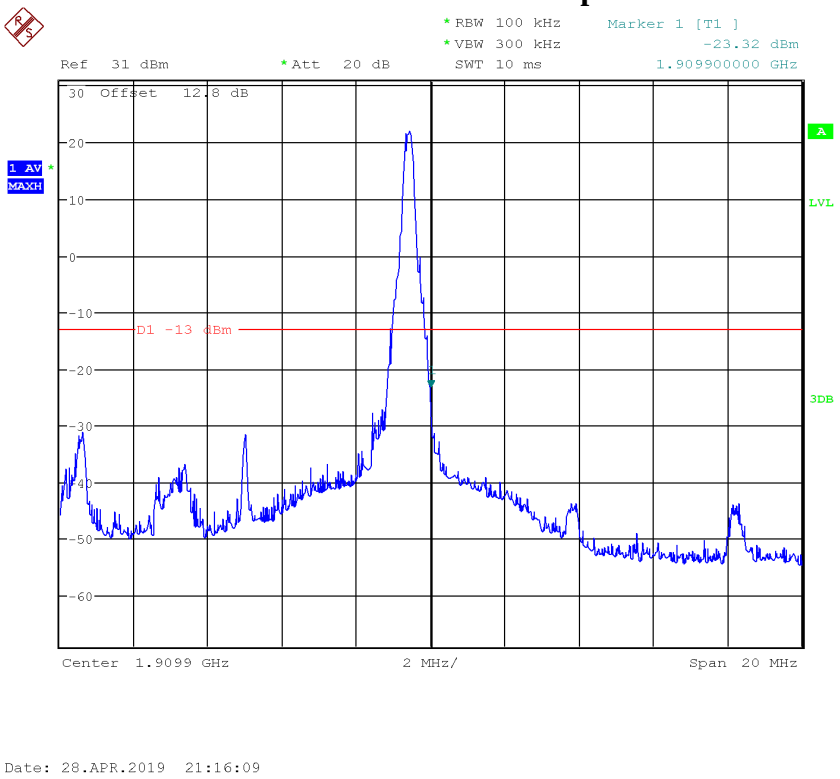
LTE Band2, 10MHz bandwidth, QPSK,(50,0) Mode, Above 1910MHz



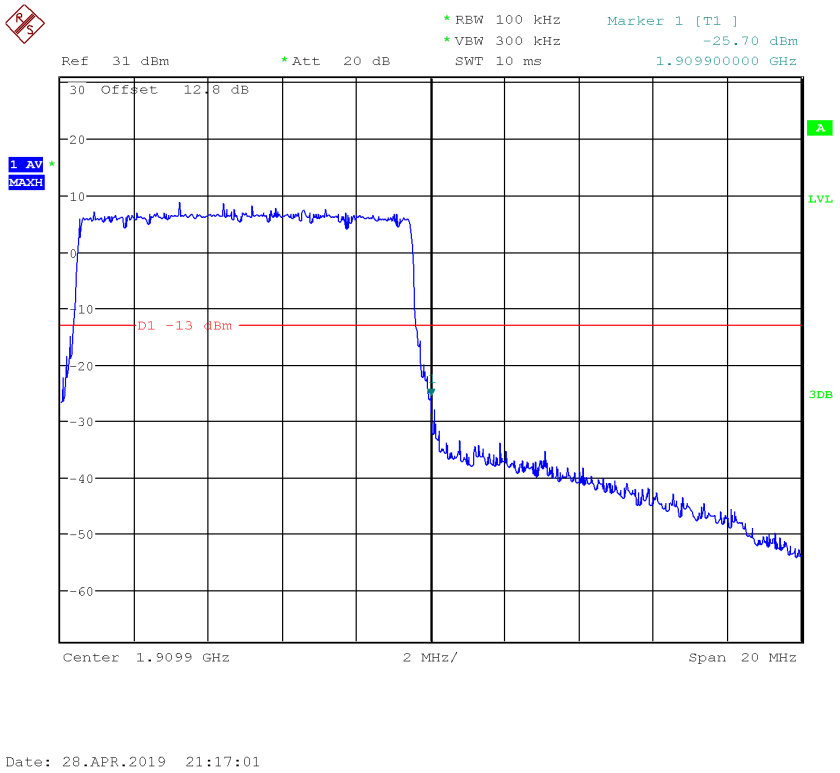
LTE Band2, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz



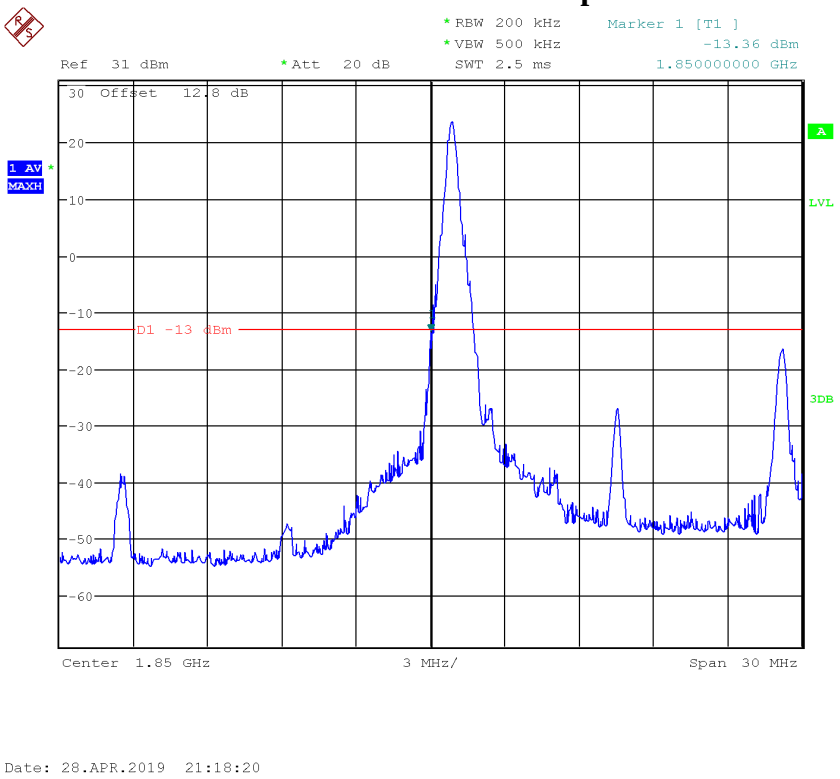
LTE Band2, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 1850MHz



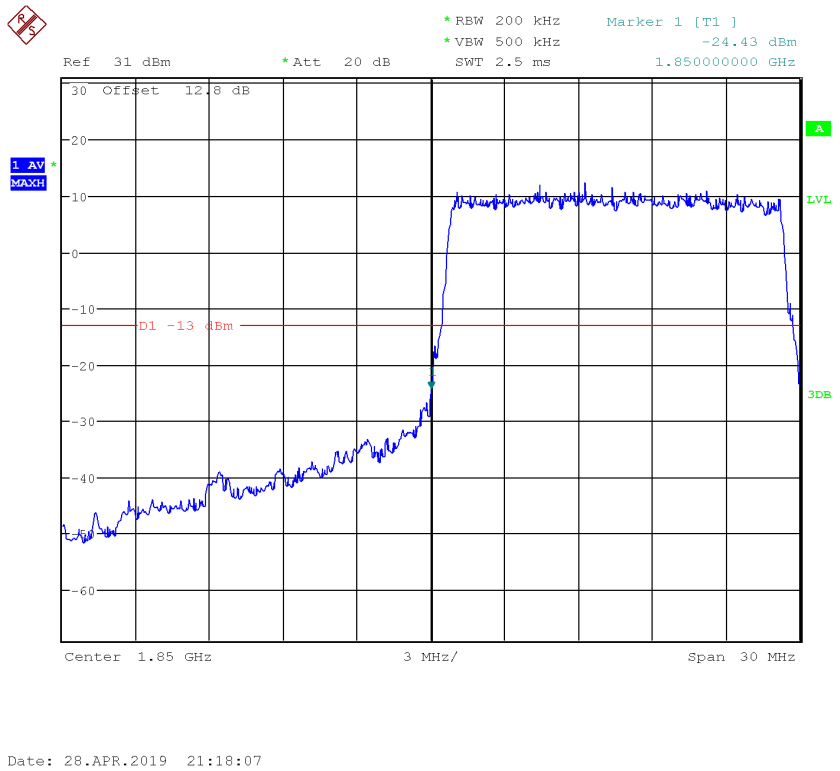
LTE Band2, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 1910MHz



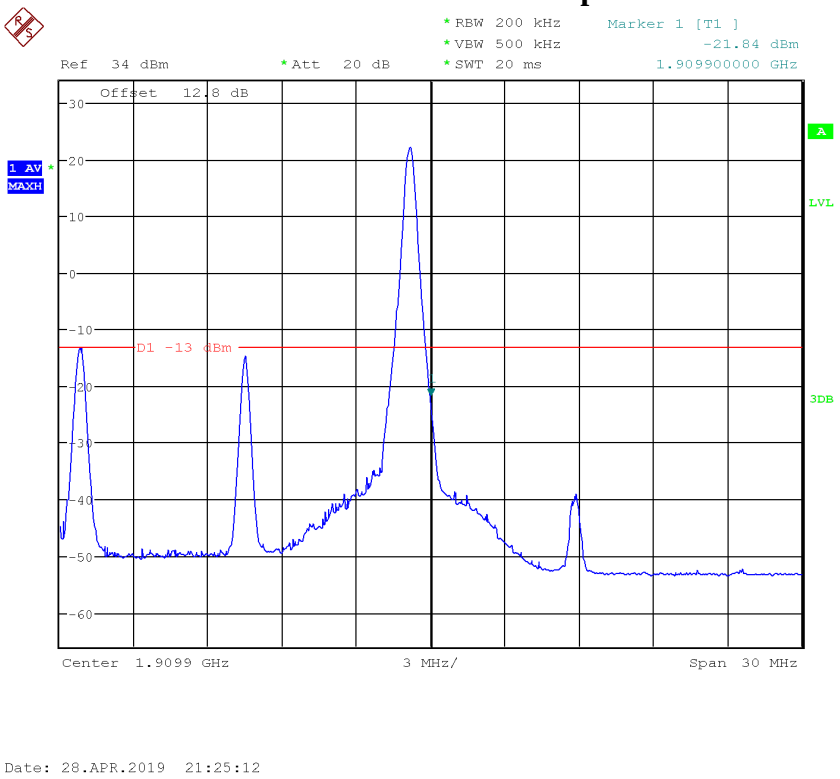
LTE Band2, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 1910MHz



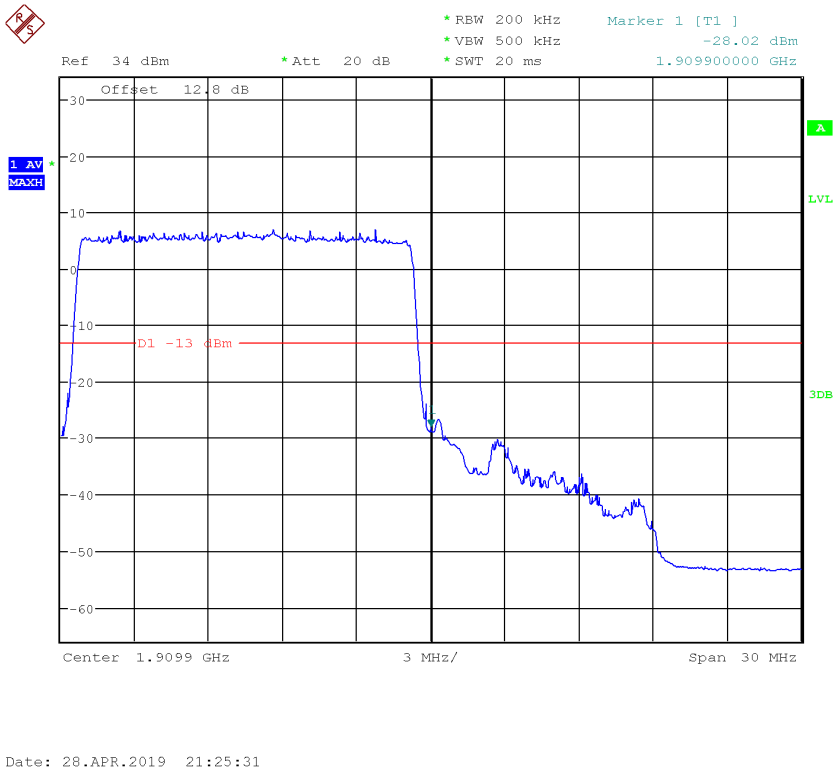
LTE Band2, 15MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



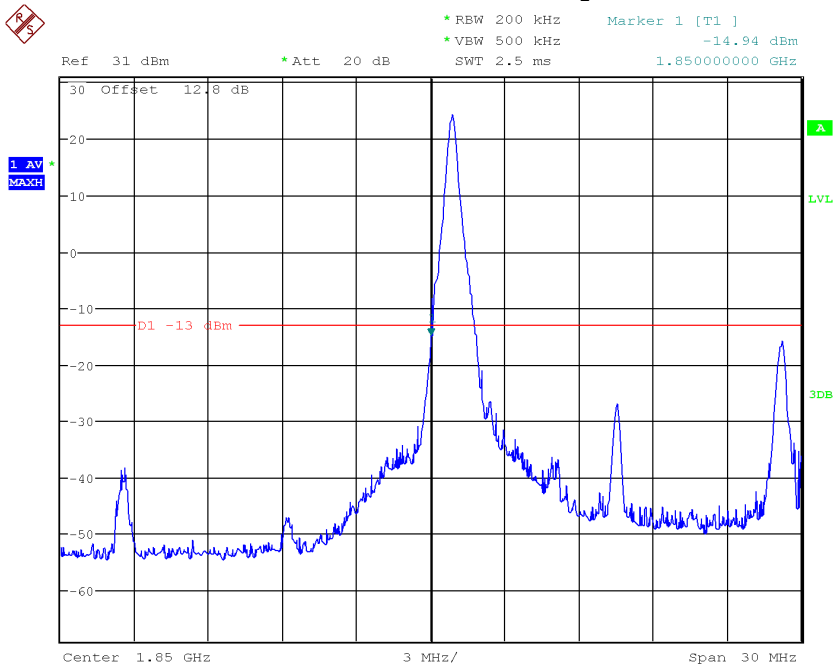
LTE Band2, 15MHz bandwidth, QPSK,(75,0) Mode , Below 1850MHz



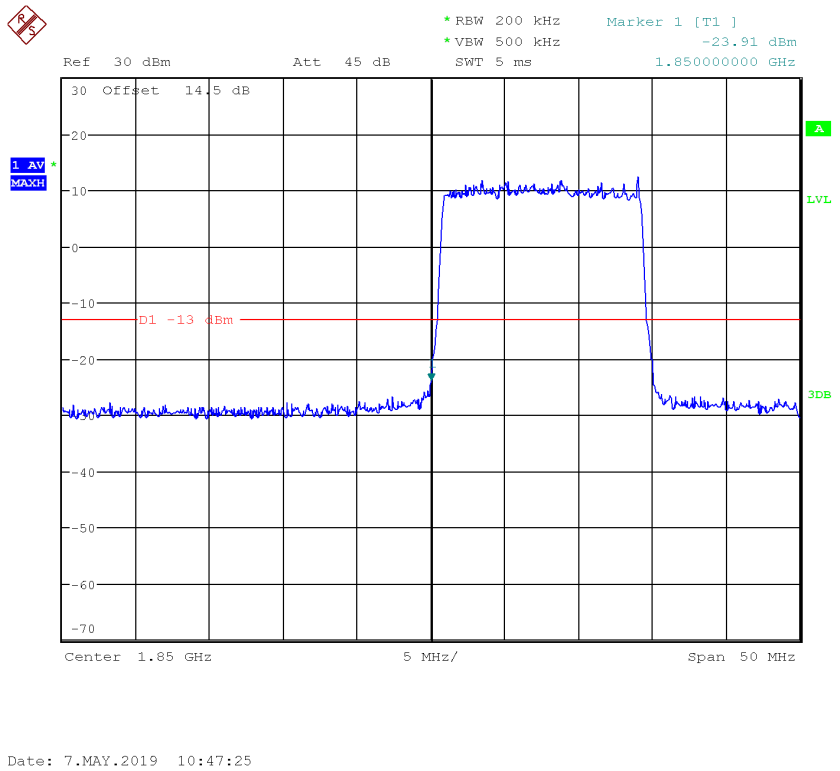
LTE Band2, 15MHz bandwidth, QPSK,(1,75) Mode, Above 1910MHz



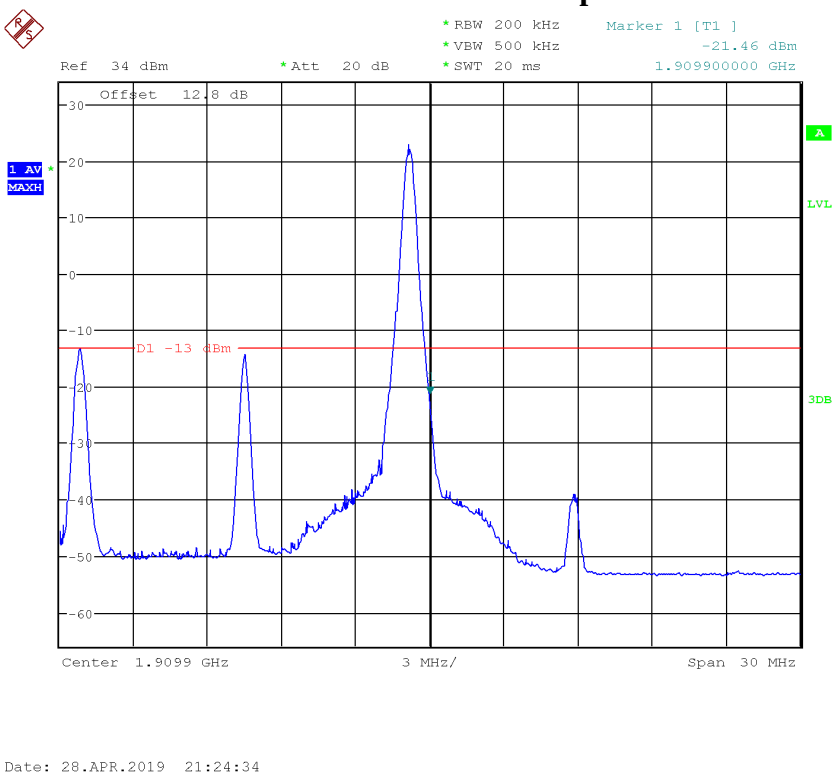
LTE Band2, 15MHz bandwidth, QPSK,(75,0) Mode, Above 1910MHz



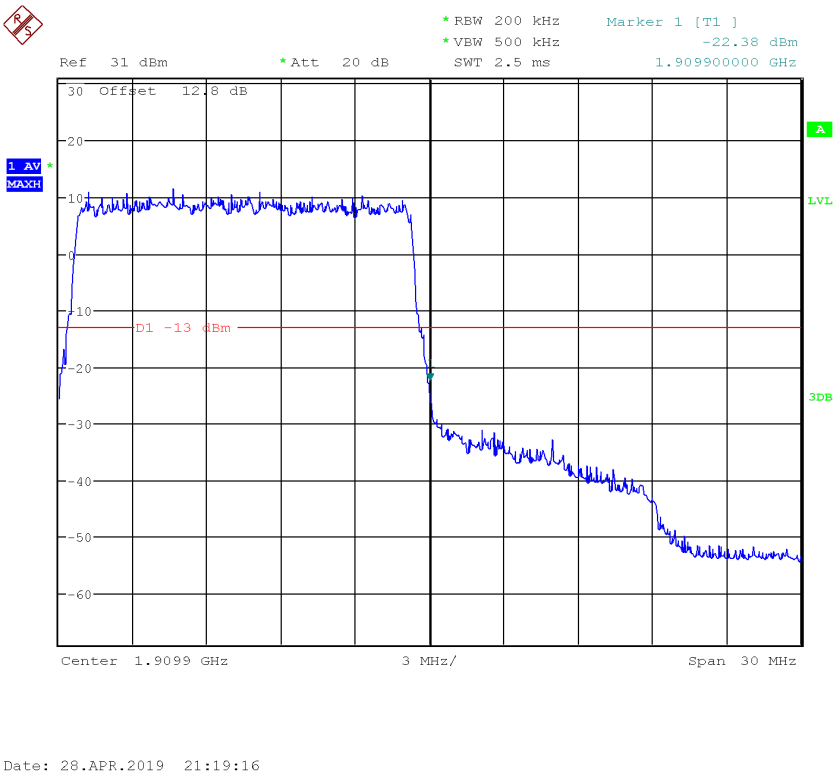
LTE Band2, 15MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz



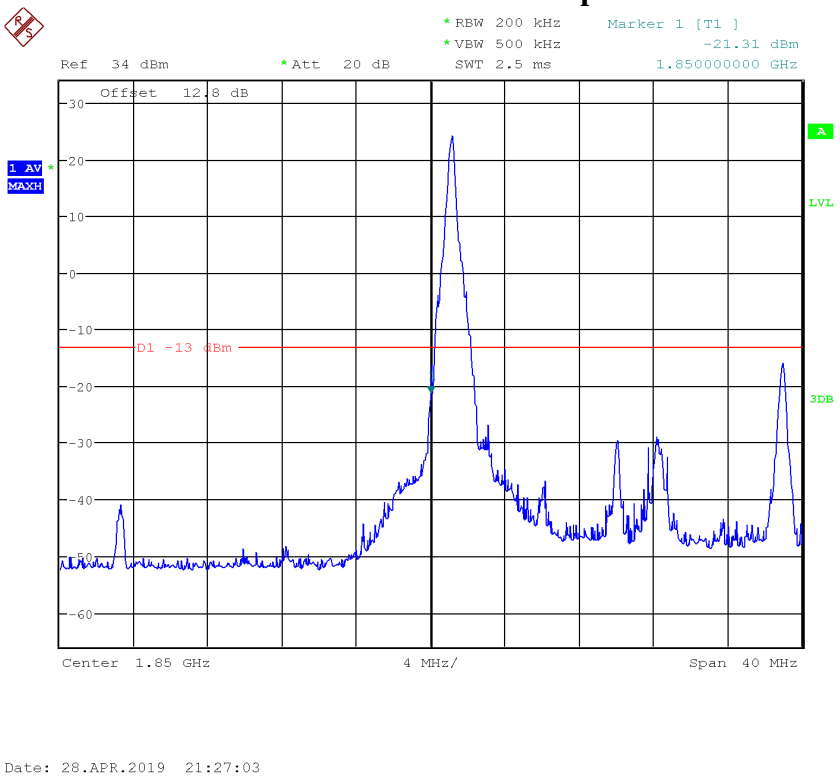
LTE Band2, 15MHz bandwidth, 16QAM,(75,0) Mode , Below 1850MHz



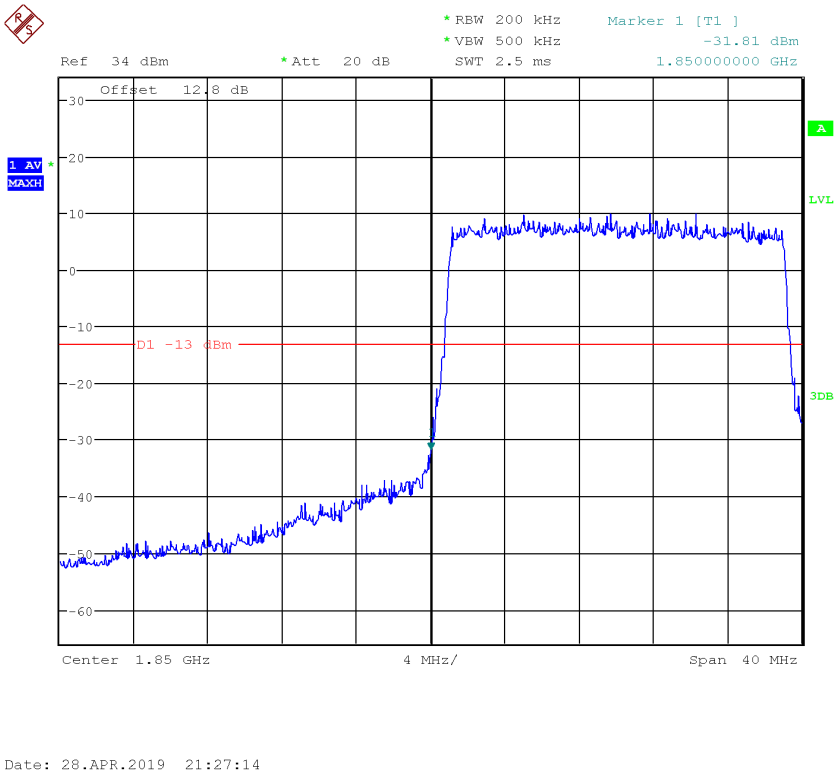
LTE Band2, 15MHz bandwidth, 16QAM,(1,75) Mode, Above 1910MHz



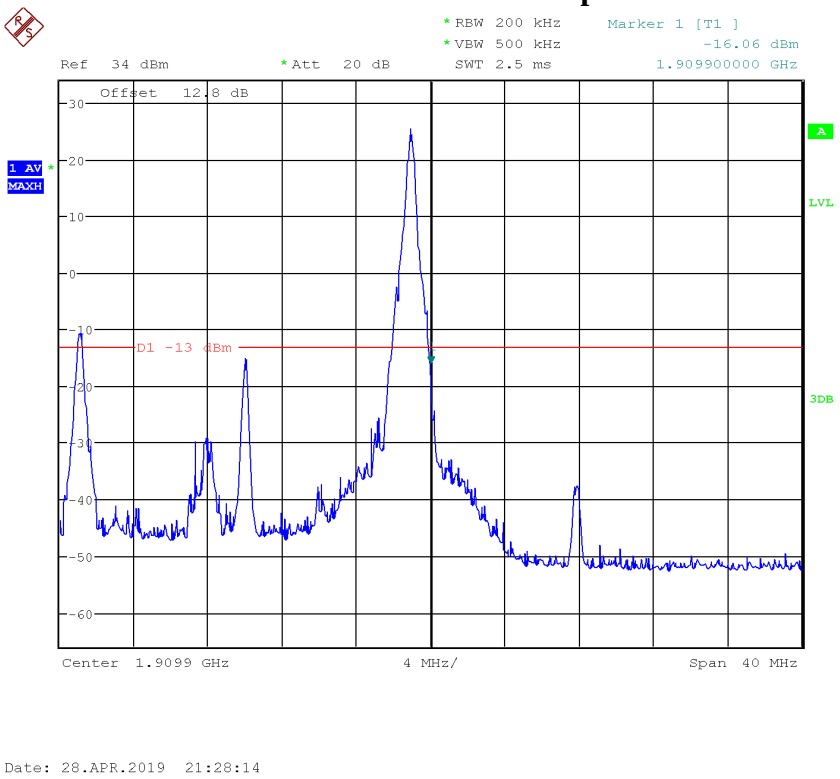
LTE Band2, 15MHz bandwidth, 16QAM,(75,0) Mode, Above 1910MHz



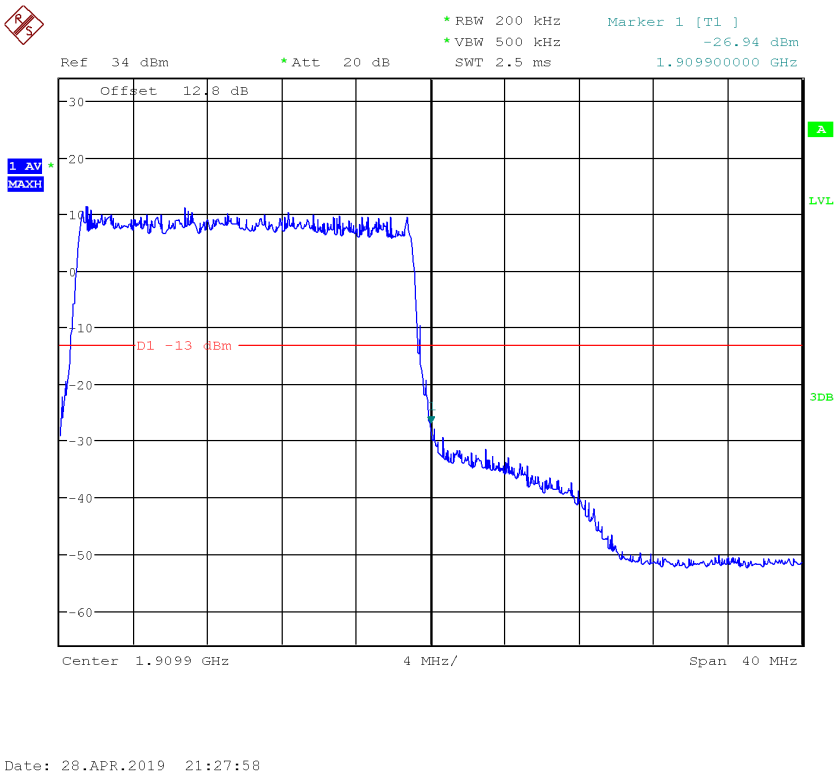
LTE Band2, 20MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



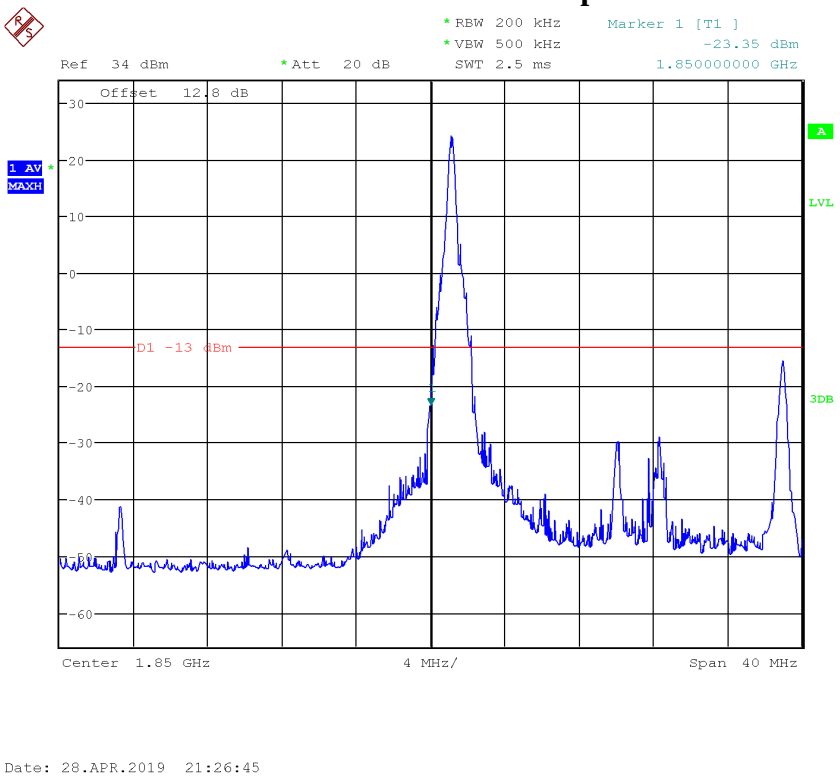
LTE Band2, 20MHz bandwidth, QPSK,(100,0) Mode , Below 1850MHz



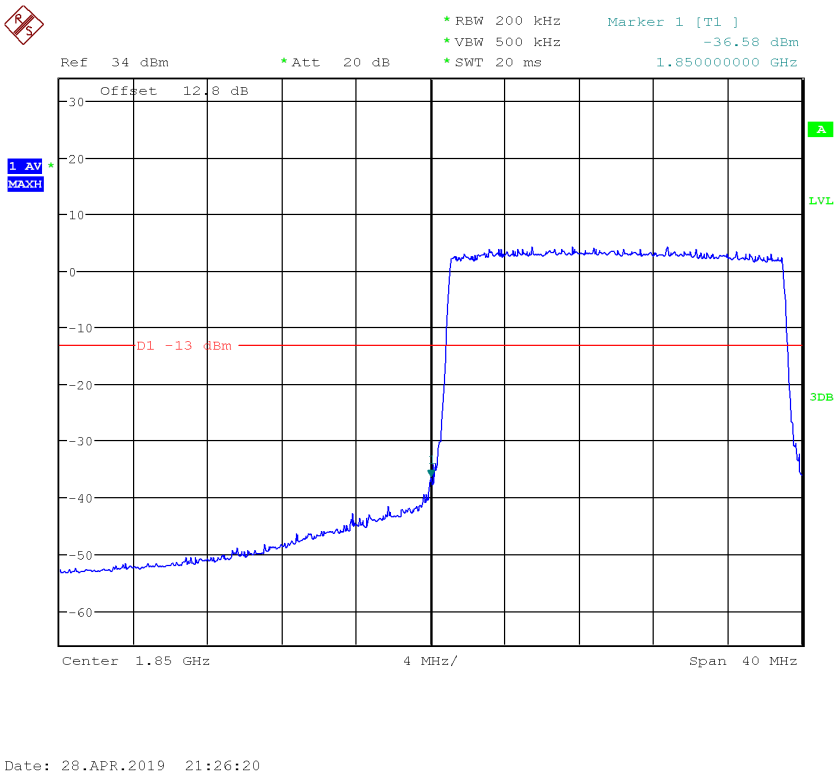
LTE Band2, 20MHz bandwidth, QPSK,(1,100) Mode, Above 1910MHz



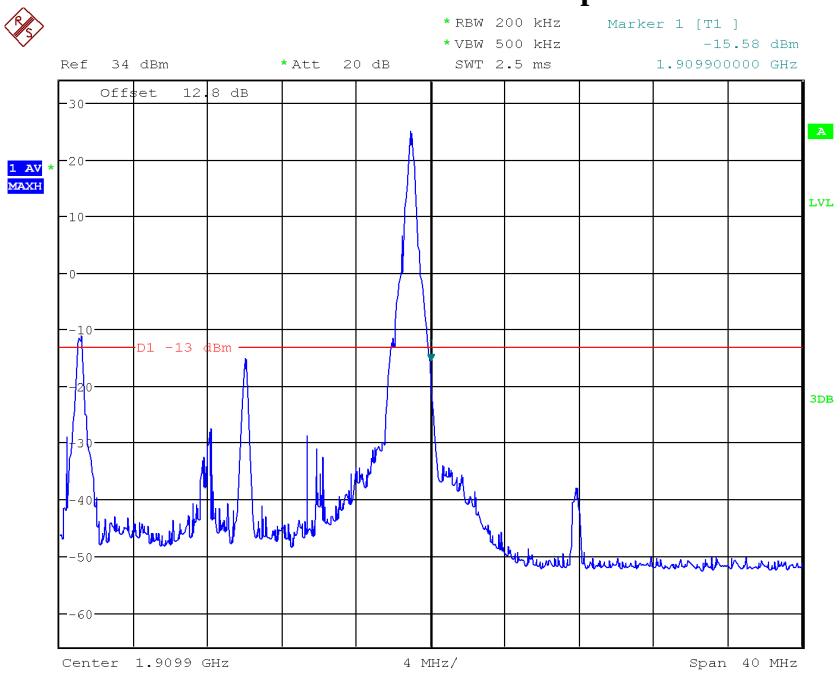
LTE Band2, 20MHz bandwidth, QPSK,(100,0) Mode, Above 1910MHz



LTE Band2, 20MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz

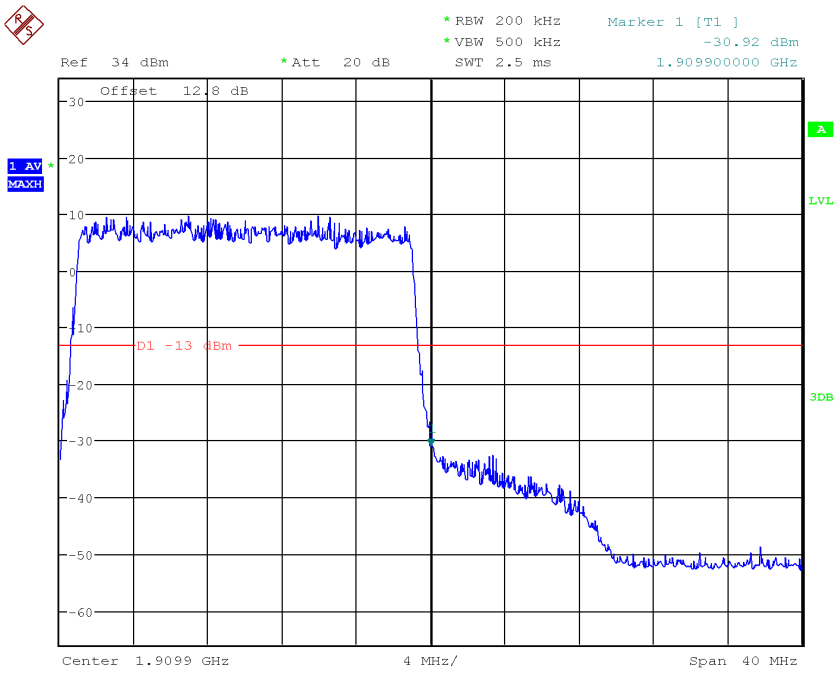


LTE Band2, 20MHz bandwidth, 16QAM,(100,0) Mode , Below 1850MHz



Date: 28.APR.2019 21:28:29

LTE Band2, 20MHz bandwidth, 16QAM,(1,100) Mode, Above 1910MHz



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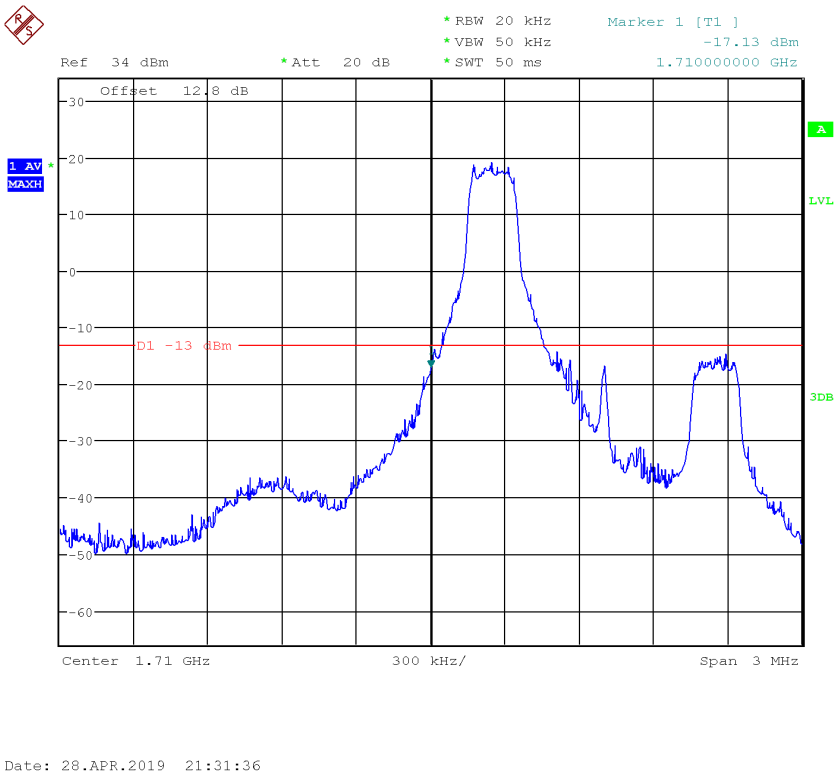
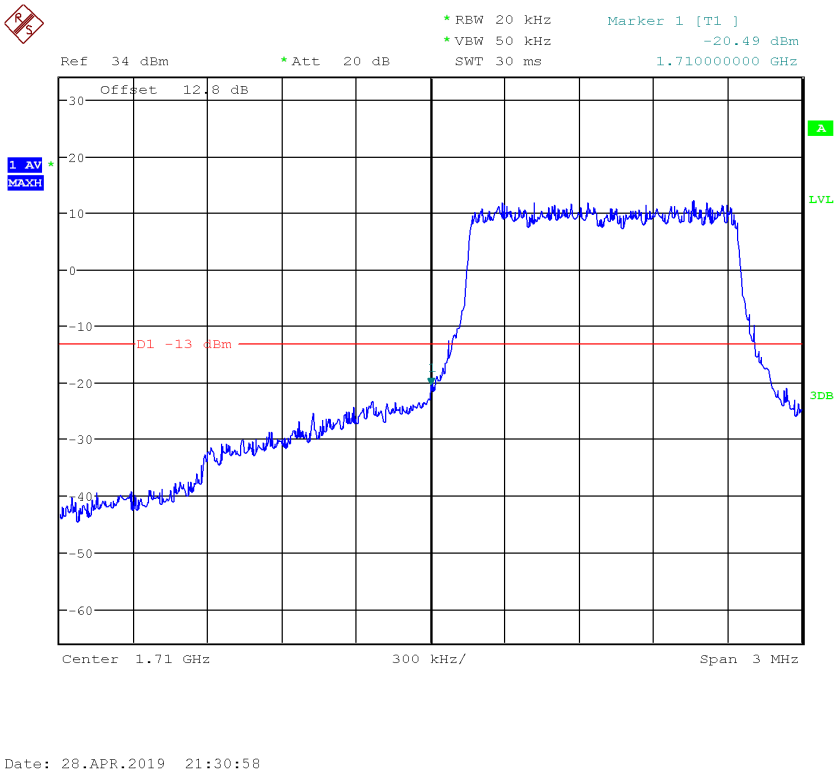
LTE Band2, 20MHz bandwidth, 16QAM,(100,0) Mode, Above 1910MHz

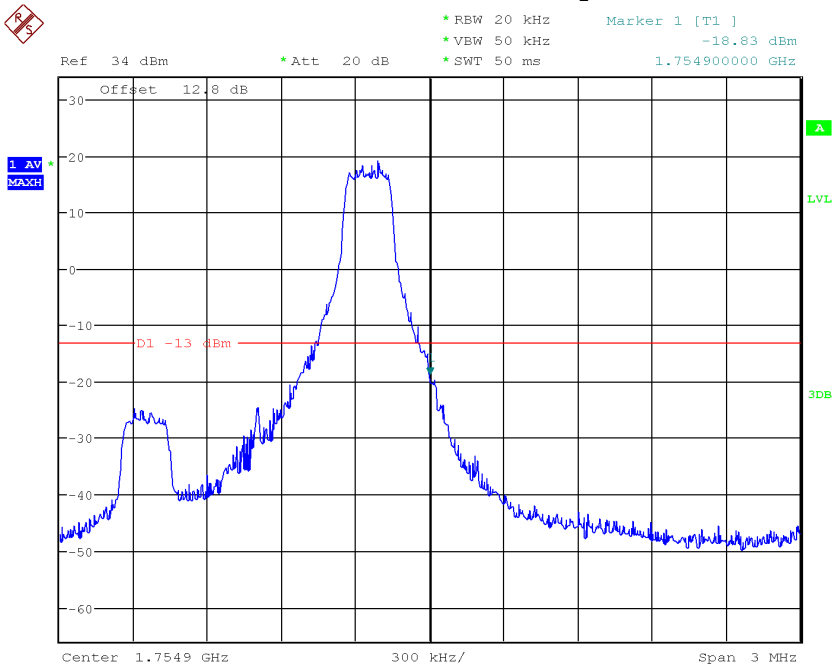
5.5.6 LTE B4 Band Edge Results



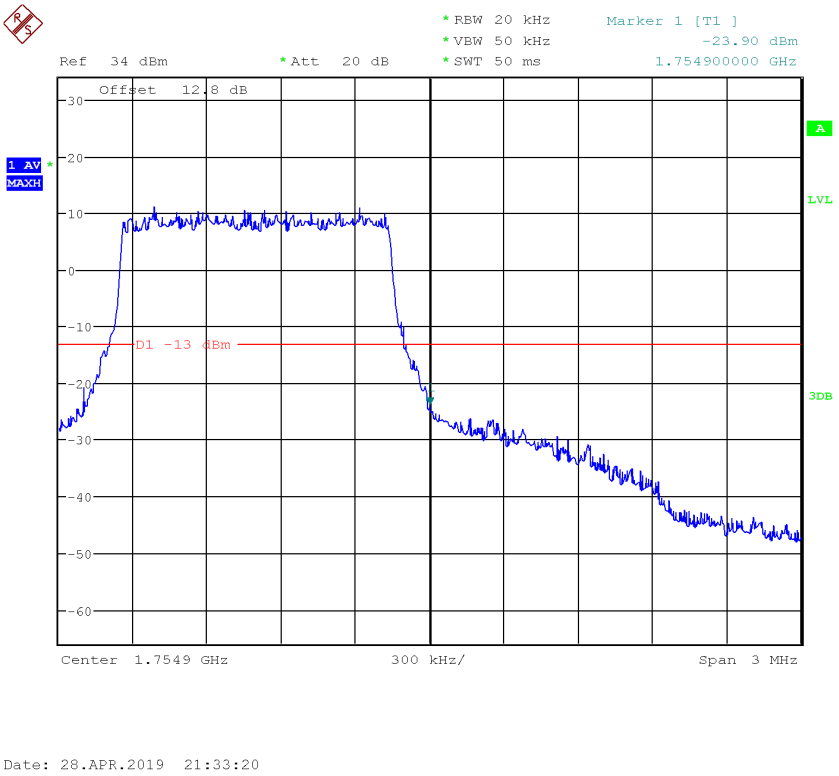
LTE Band4, 1.4MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



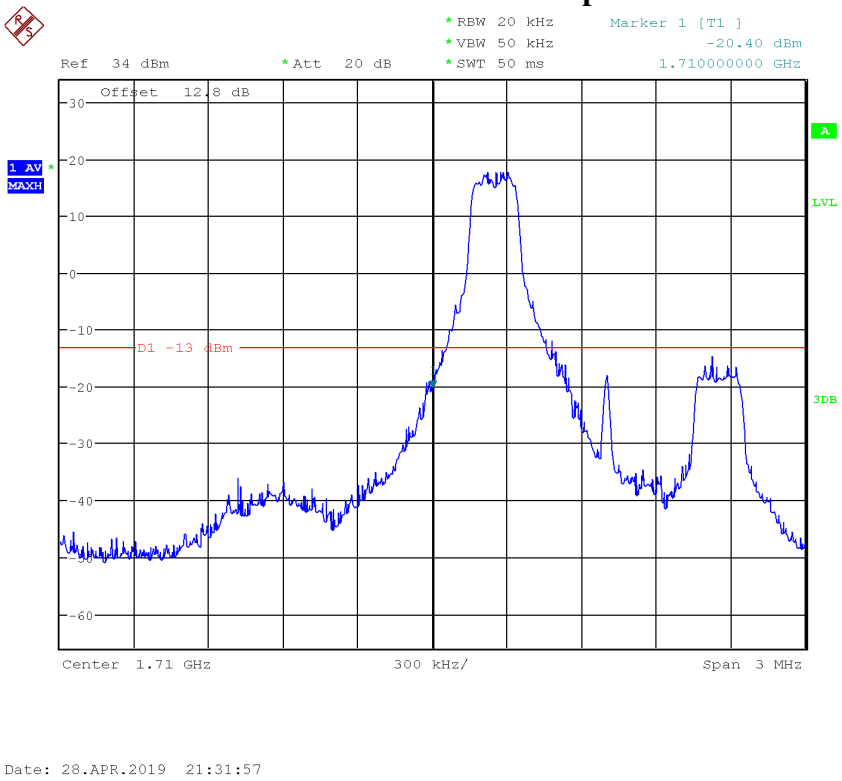
LTE Band4, 1.4MHz bandwidth, QPSK,(6,0) Mode , Below 1710MHz



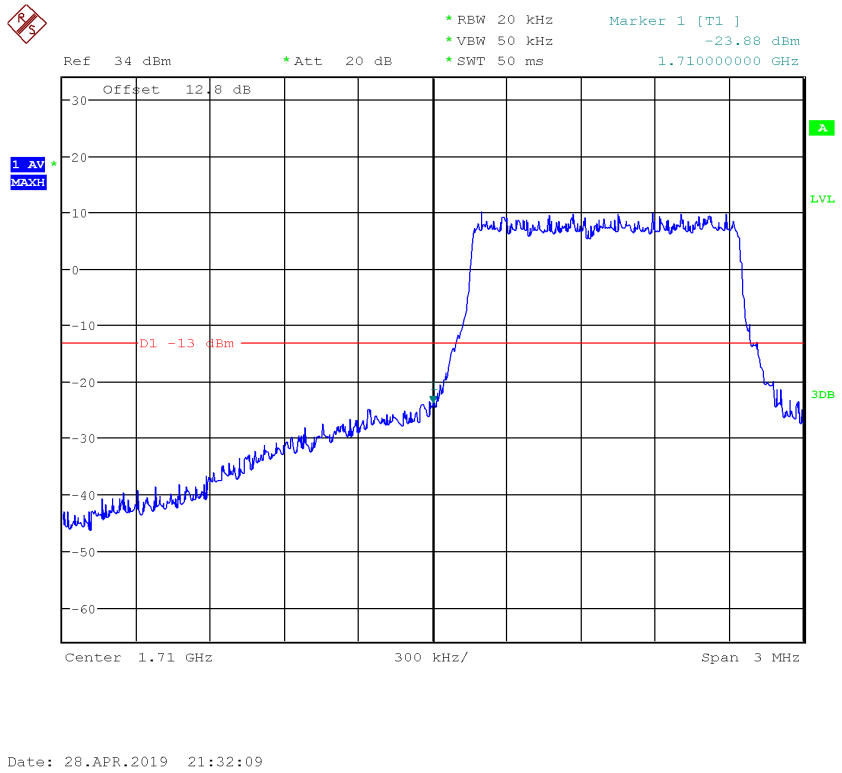
LTE Band4, 1.4MHz bandwidth, QPSK,(1,6) Mode, Above 1755MHz



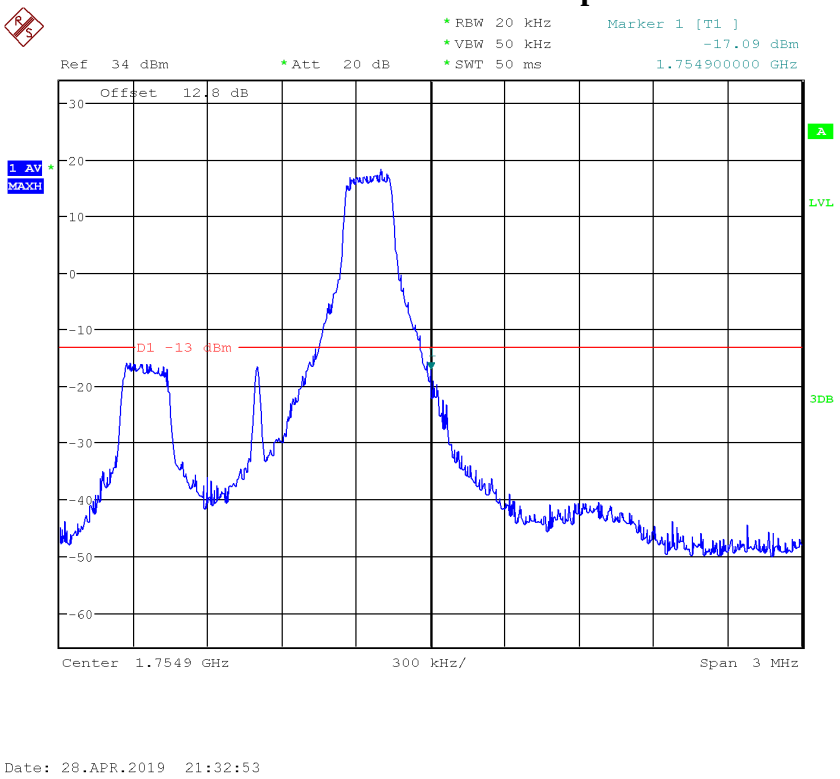
LTE Band4, 1.4MHz bandwidth, QPSK,(6,0) Mode, Above 1755MHz



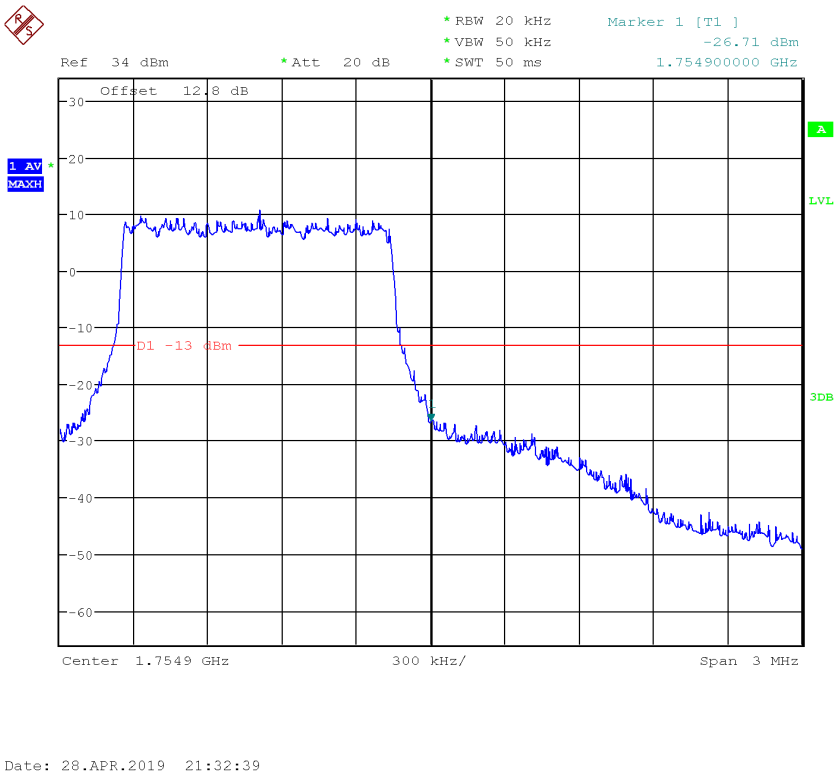
LTE Band4, 1.4MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



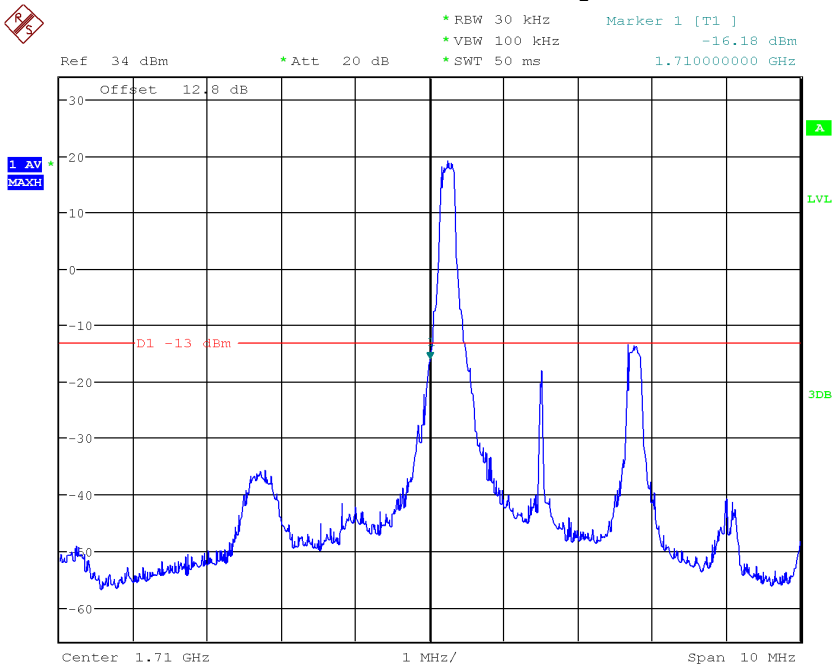
LTE Band4, 1.4MHz bandwidth, 16QAM,(6,0) Mode , Below 1710MHz



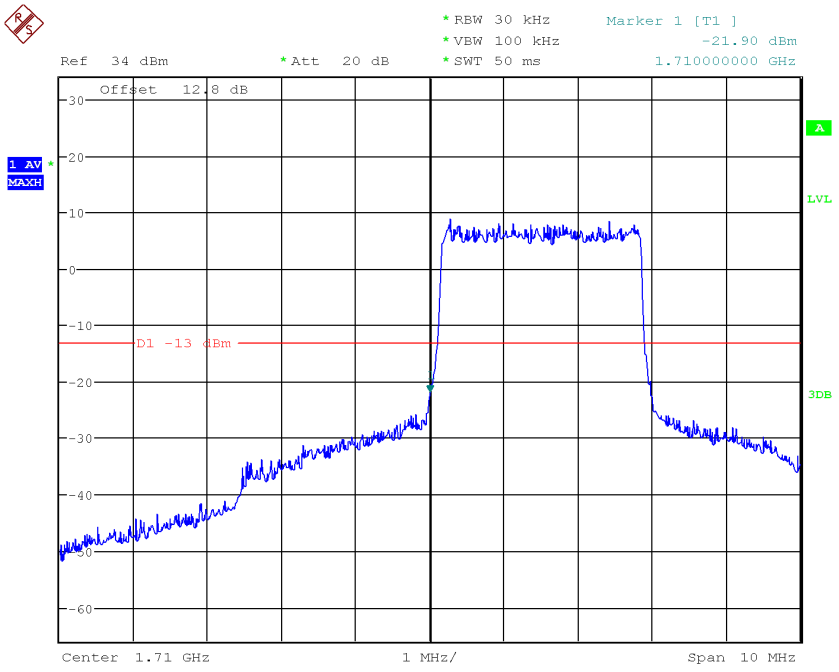
LTE Band4, 1.4MHz bandwidth, 16QAM,(1,6) Mode, Above 1755MHz



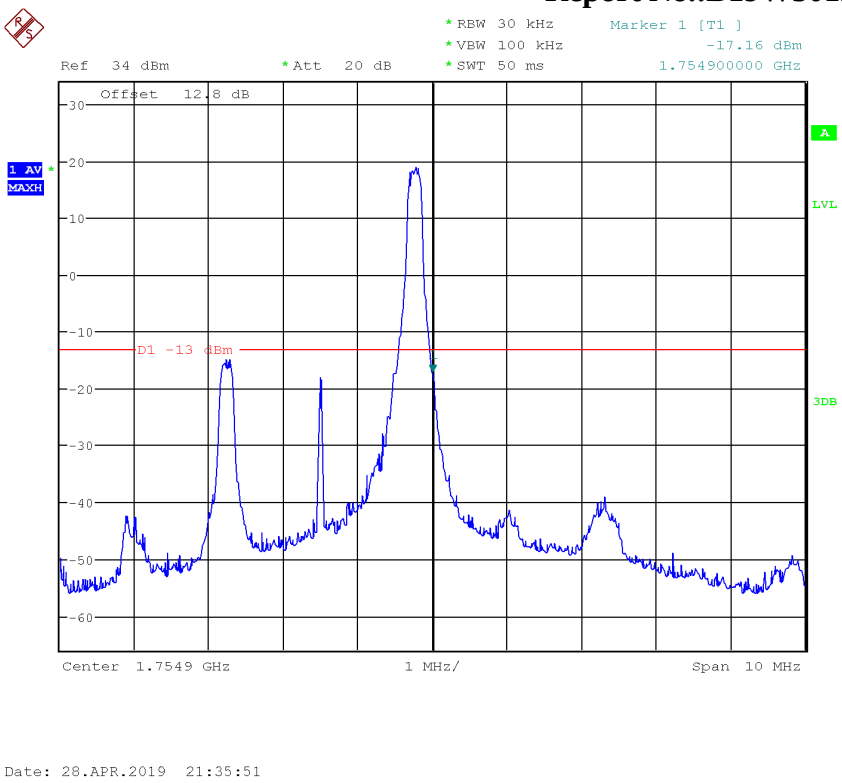
LTE Band4, 1.4MHz bandwidth, 16QAM,(6,0) Mode, Above 1755MHz



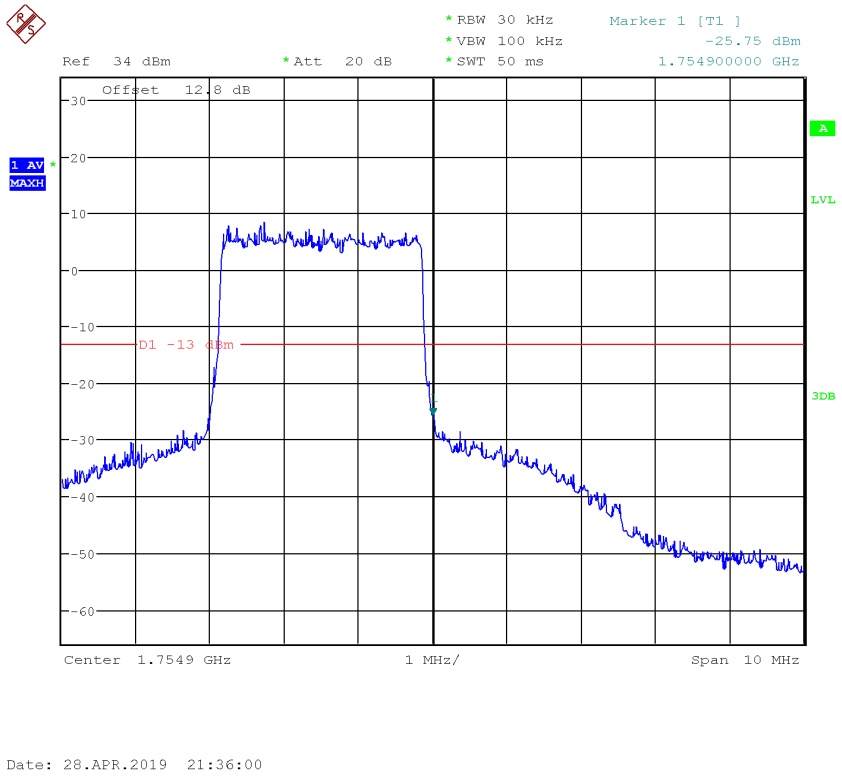
LTE Band4, 3MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



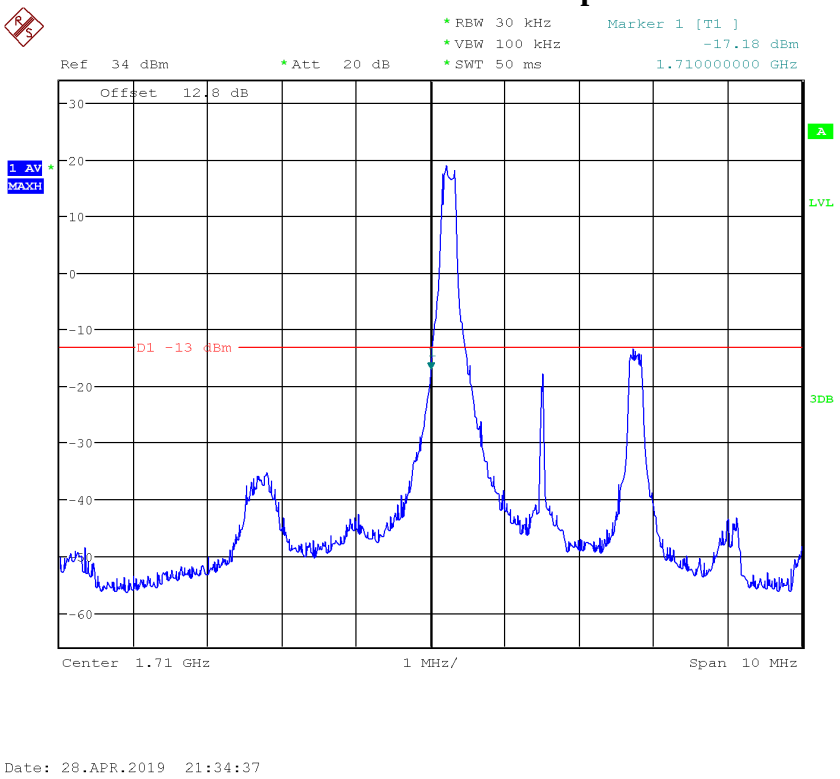
LTE Band4, 3MHz bandwidth, QPSK,(15,0) Mode , Below 1710MHz



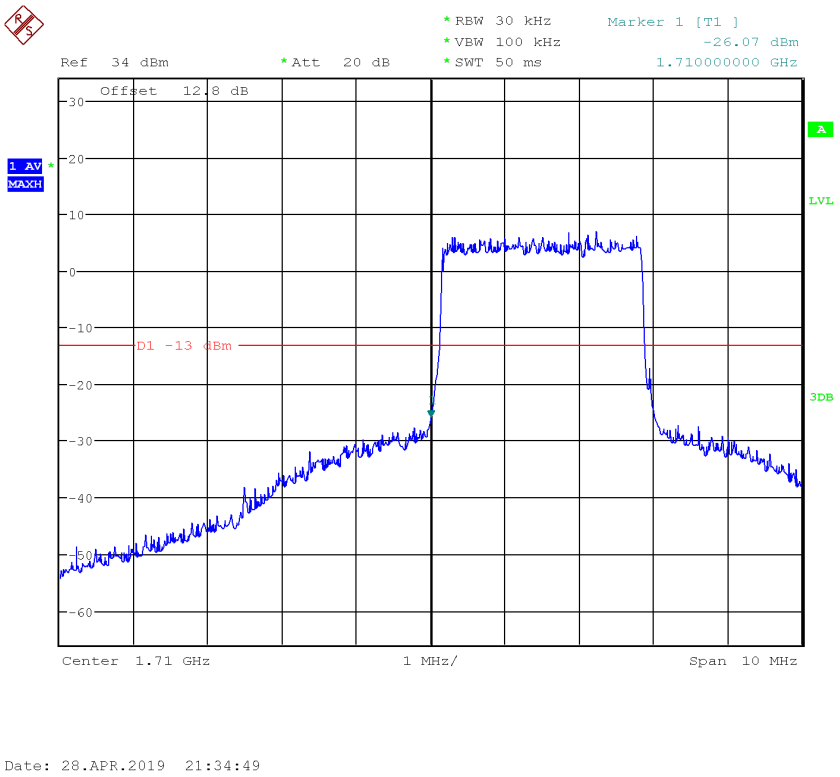
LTE Band4, 3MHz bandwidth, QPSK,(1,15) Mode, Above 1755MHz



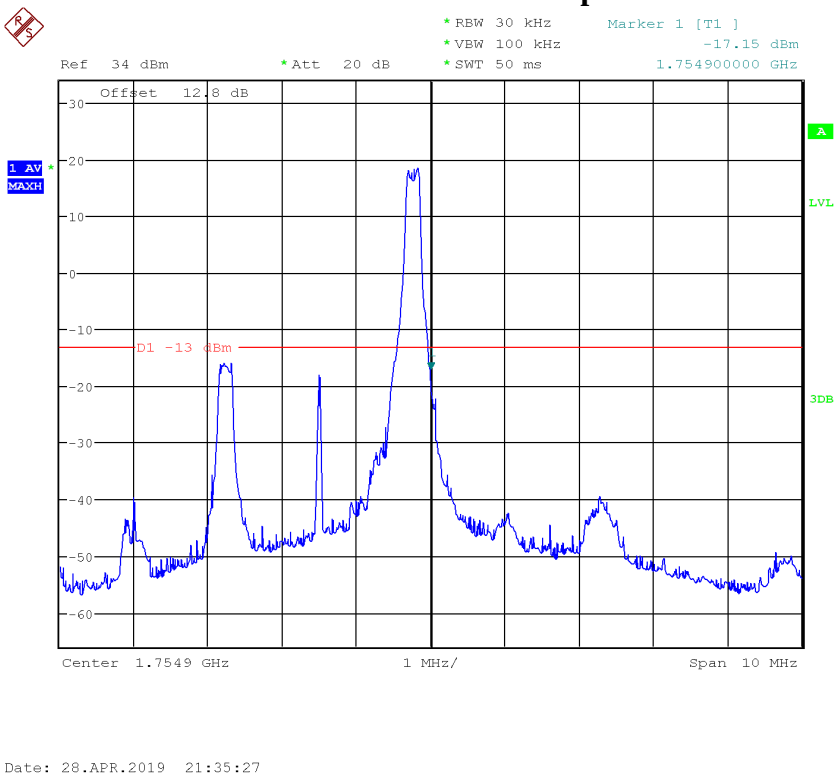
LTE Band4, 3MHz bandwidth, QPSK,(15,0) Mode, Above 1755MHz



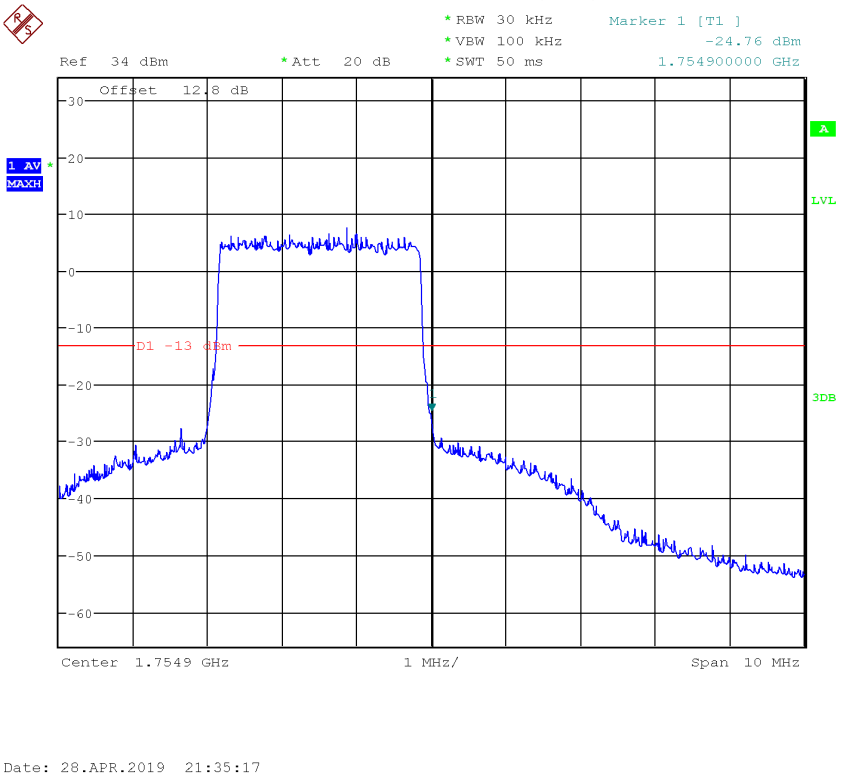
LTE Band4, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



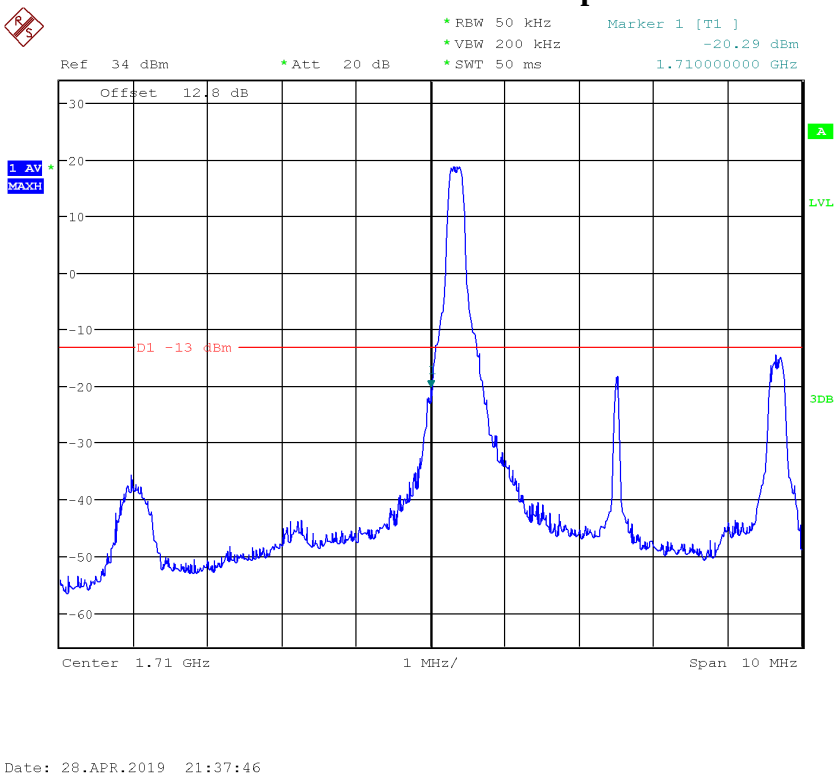
LTE Band4, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 1710MHz



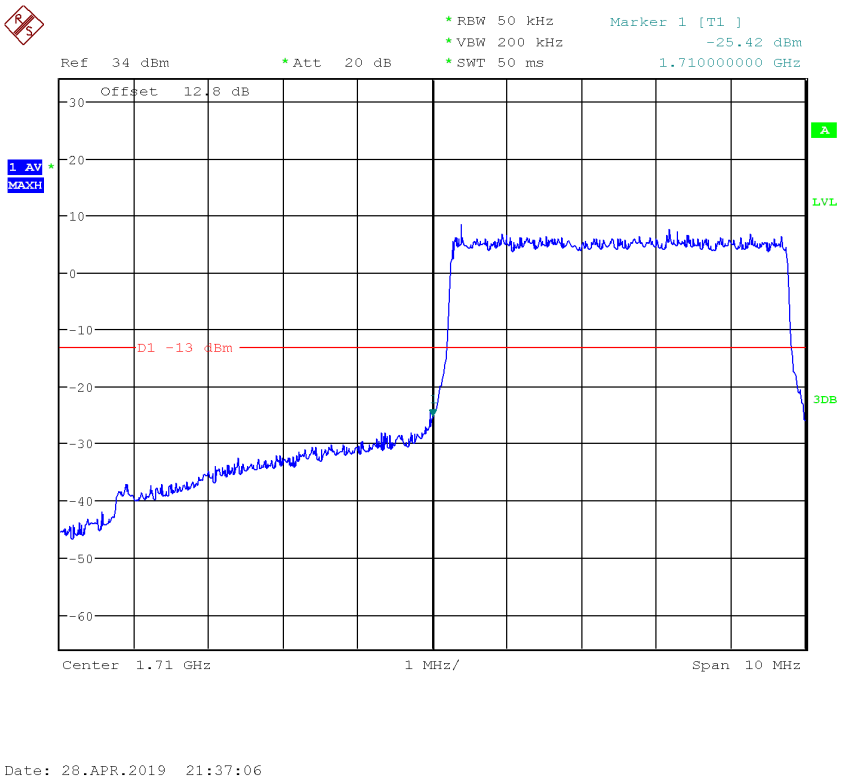
LTE Band4, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 1755MHz



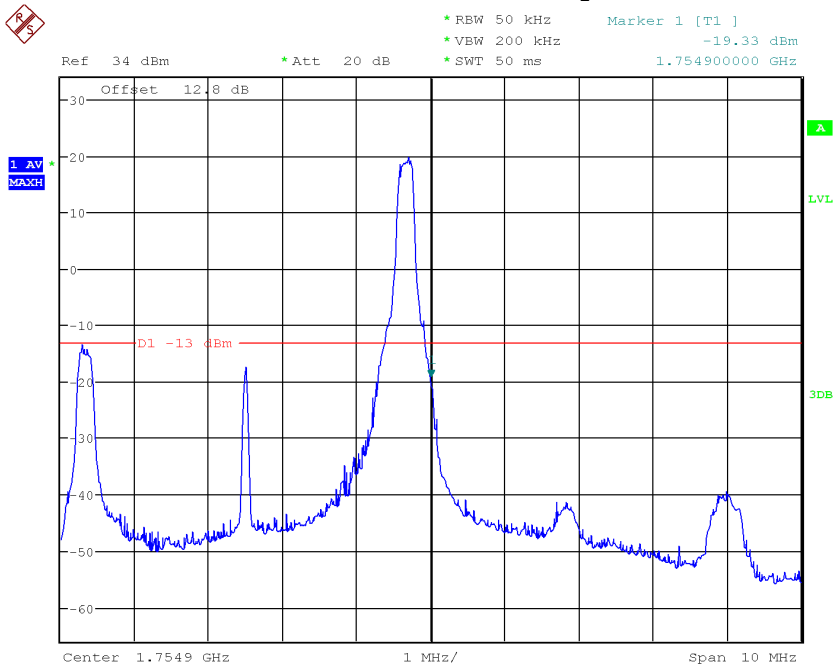
LTE Band4, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 1755MHz



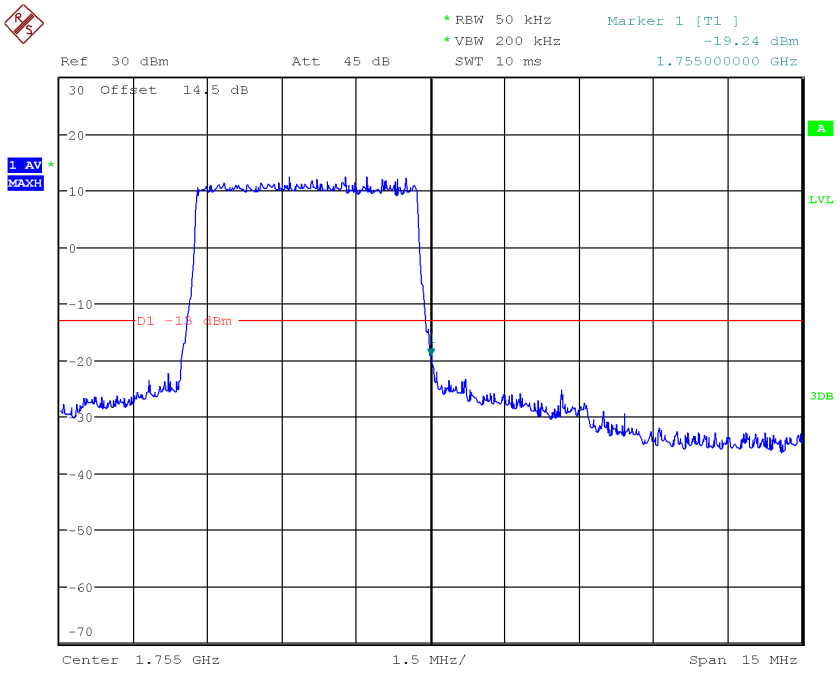
LTE Band4, 5MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



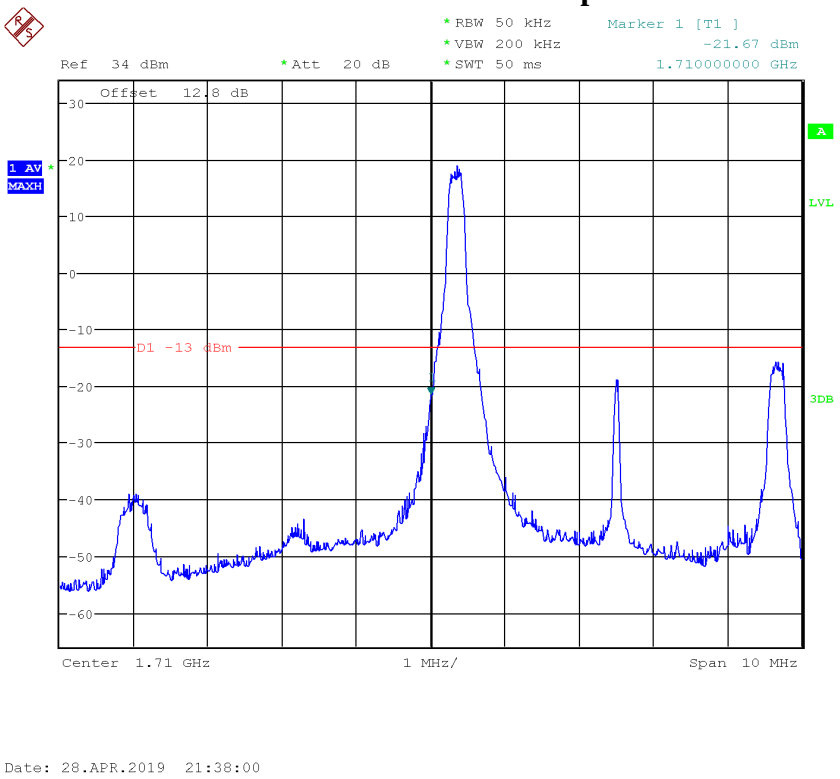
LTE Band4, 5MHz bandwidth, QPSK,(25,0) Mode , Below 1710MHz



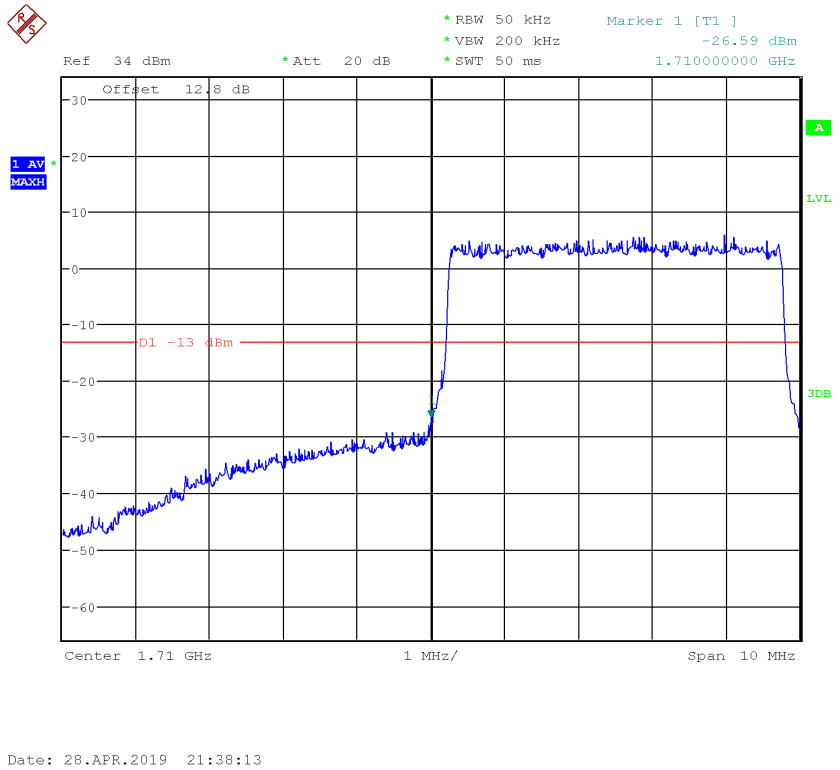
LTE Band4, 5MHz bandwidth, QPSK,(1,25) Mode, Above 1755MHz



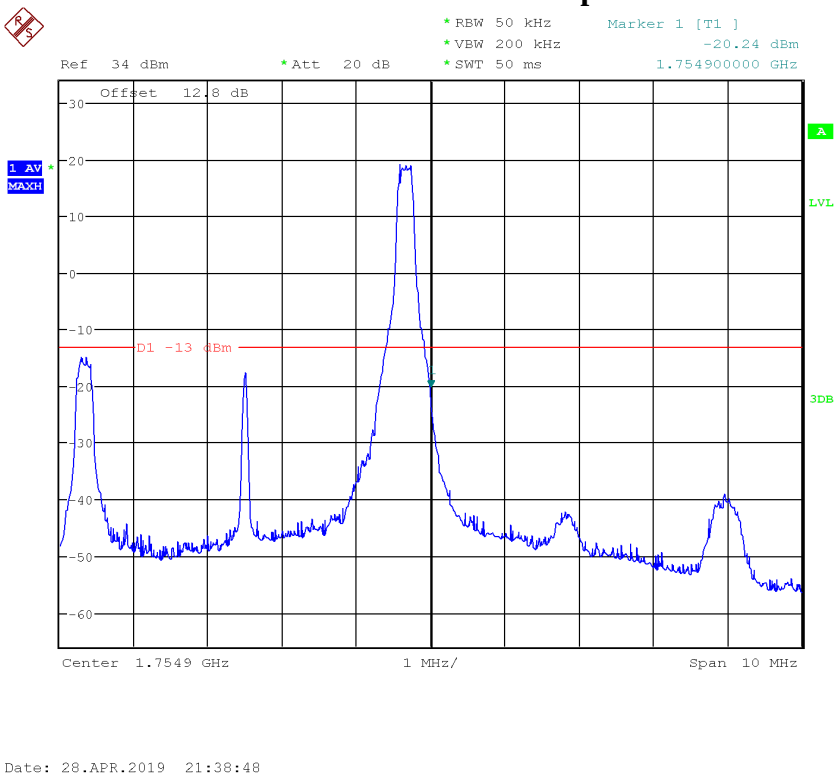
LTE Band4, 5MHz bandwidth, QPSK,(25,0) Mode, Above 1755MHz



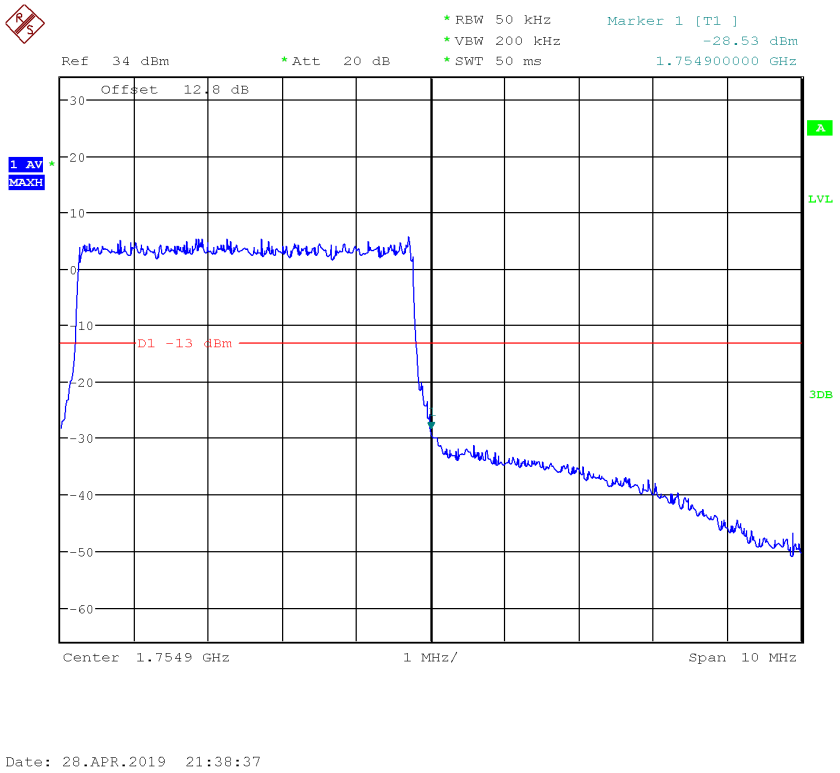
LTE Band4, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



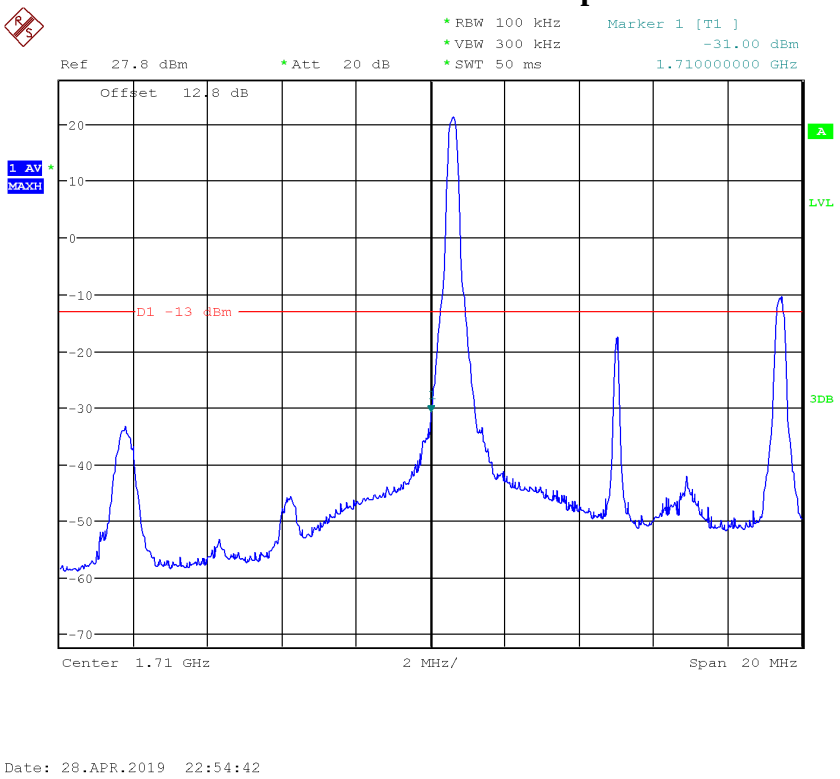
LTE Band4, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 1710MHz



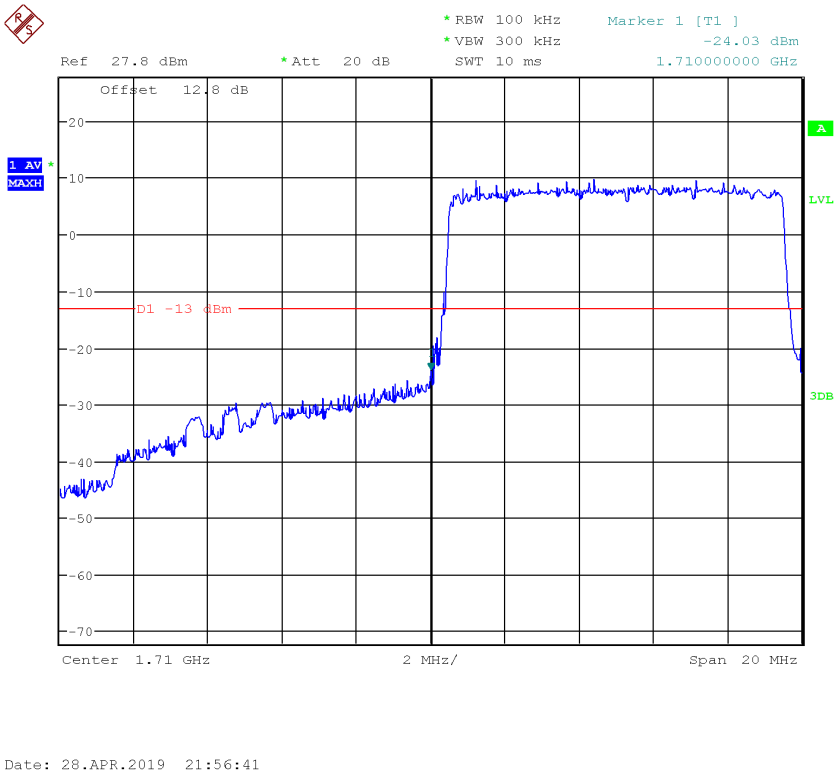
LTE Band4, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 1755MHz



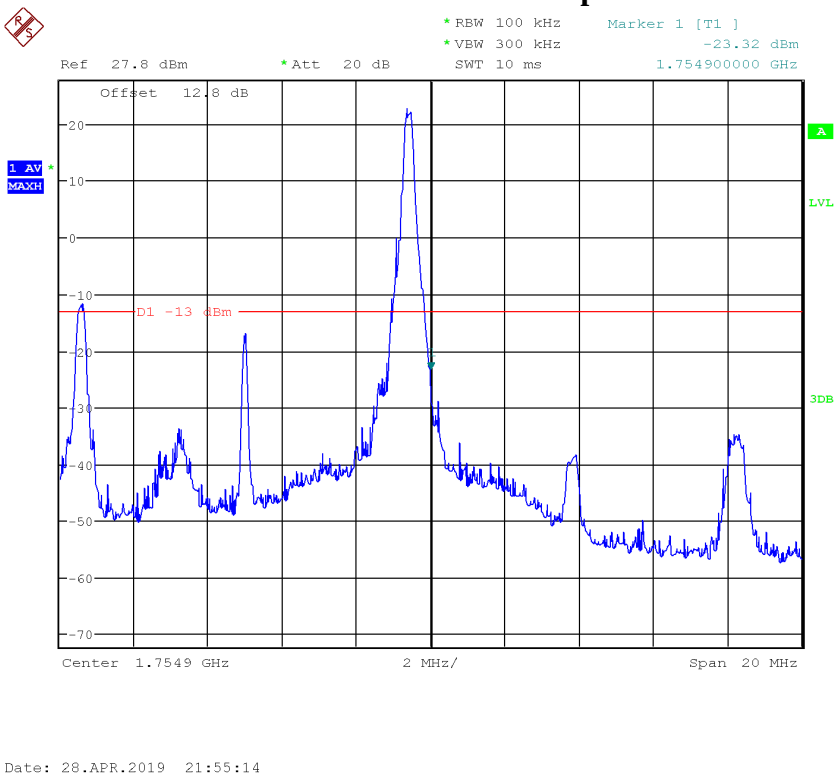
LTE Band4, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 1755MHz



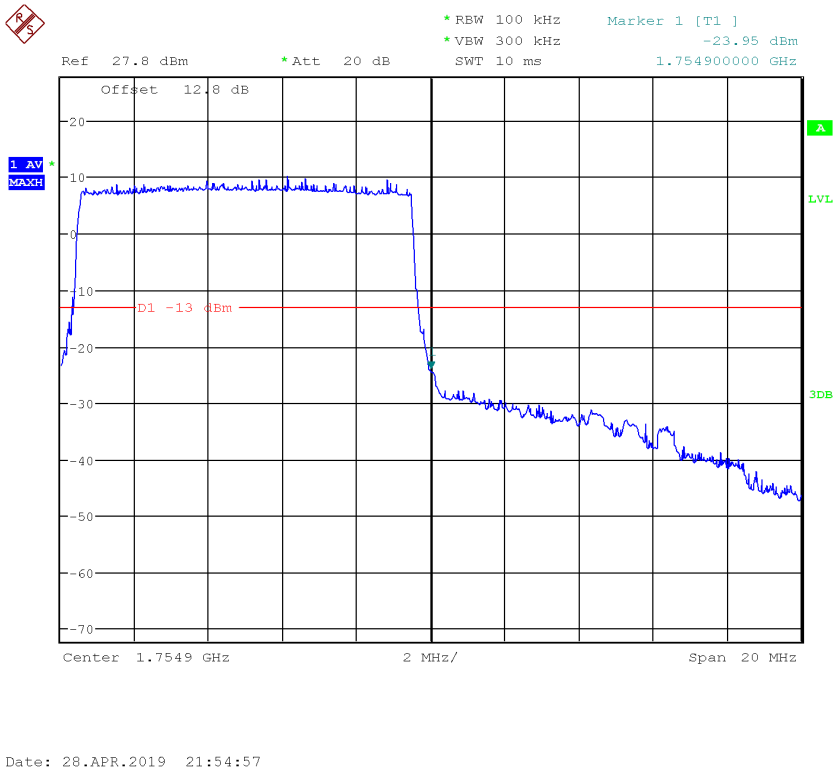
LTE Band4, 10MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



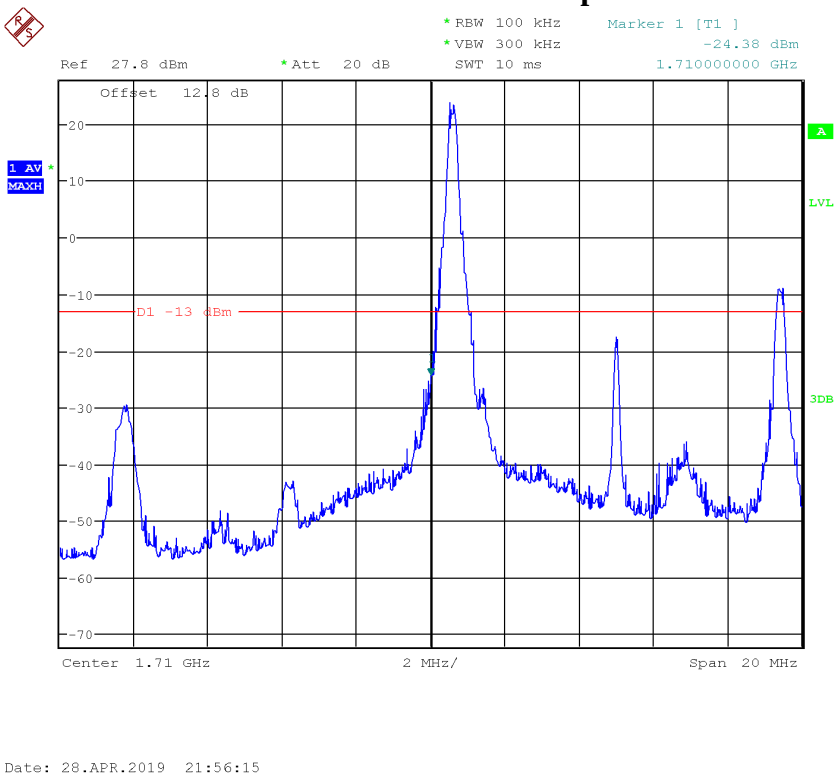
LTE Band4, 10MHz bandwidth, QPSK,(50,0) Mode , Below 1710MHz



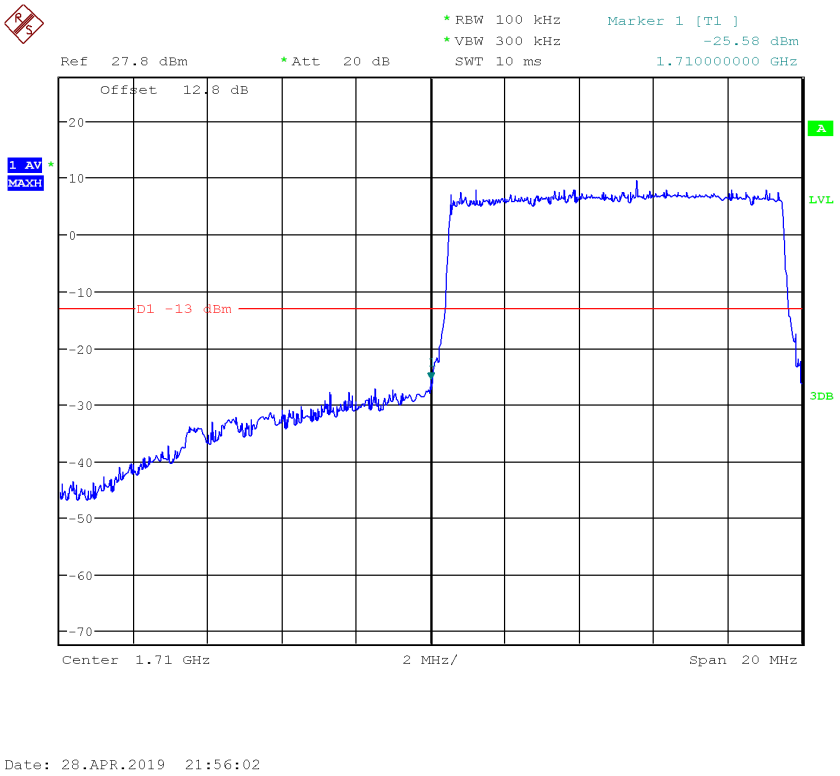
LTE Band4, 10MHz bandwidth, QPSK,(1,50) Mode, Above 1755MHz



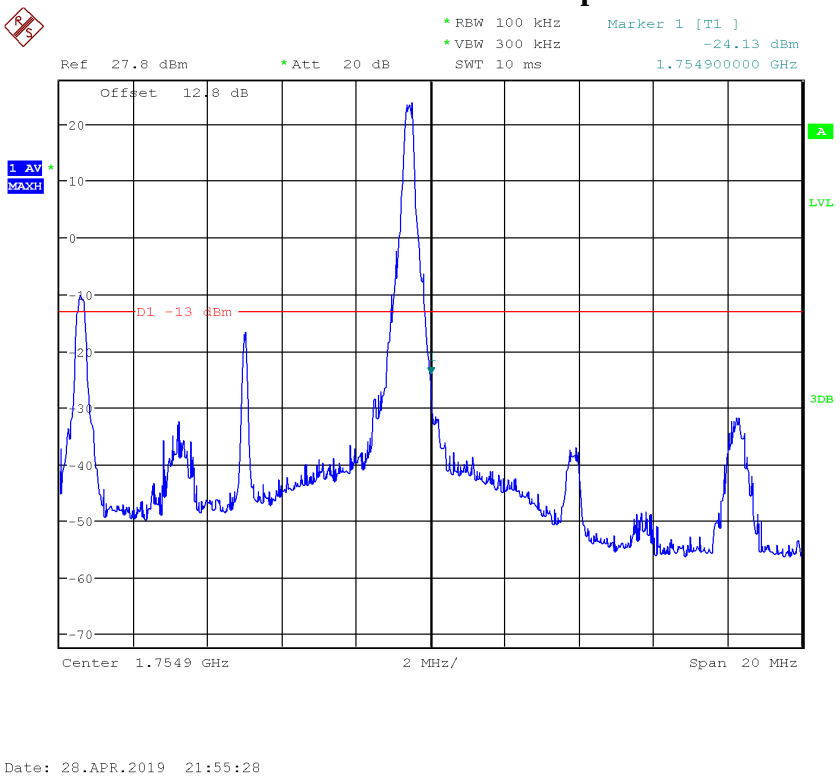
LTE Band4, 10MHz bandwidth, QPSK,(50,0) Mode, Above 1755MHz



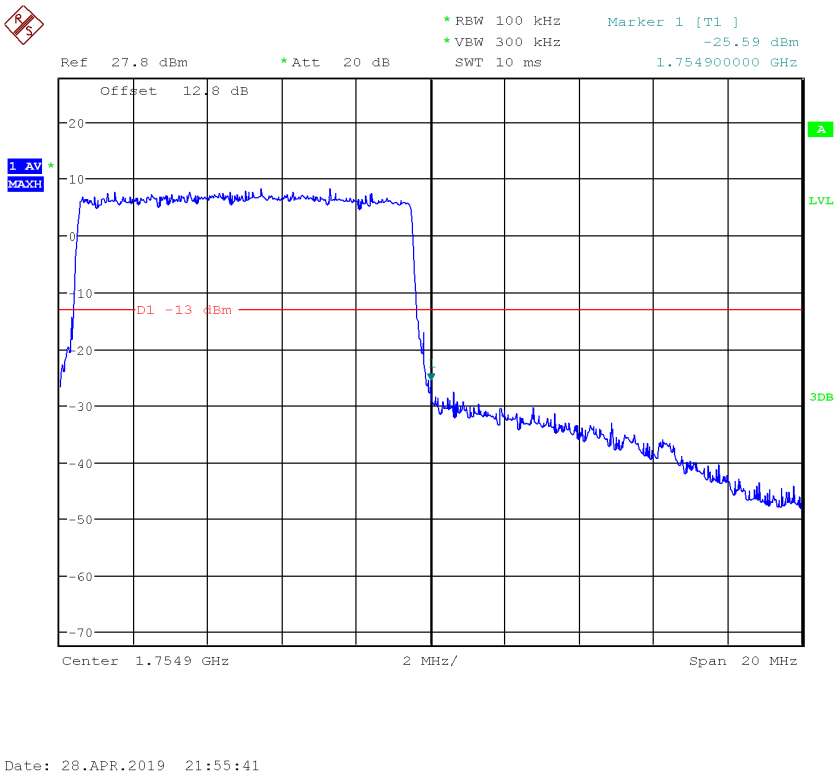
LTE Band4, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



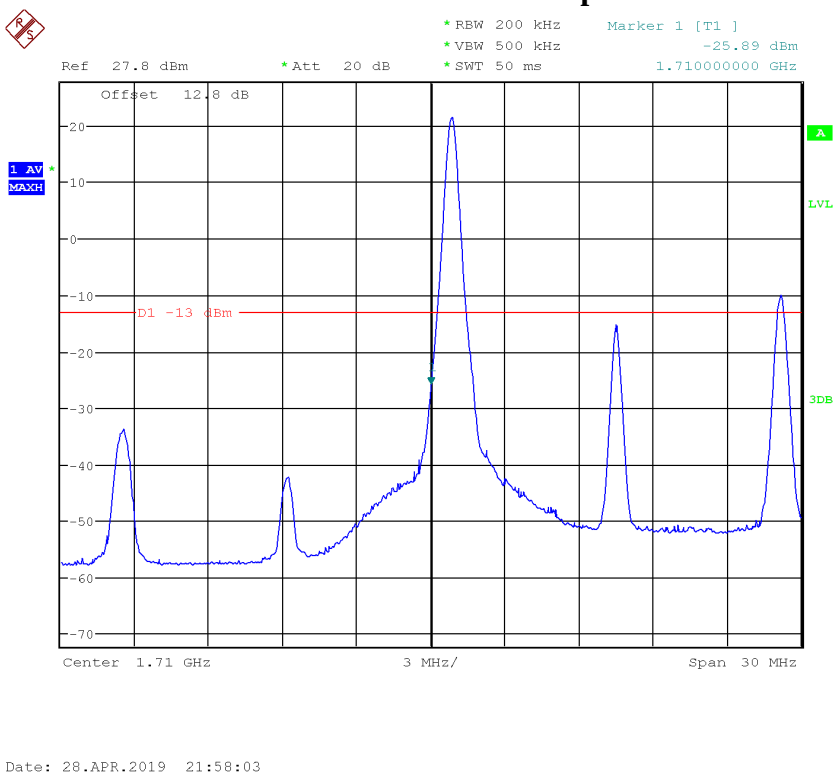
LTE Band4, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 1710MHz



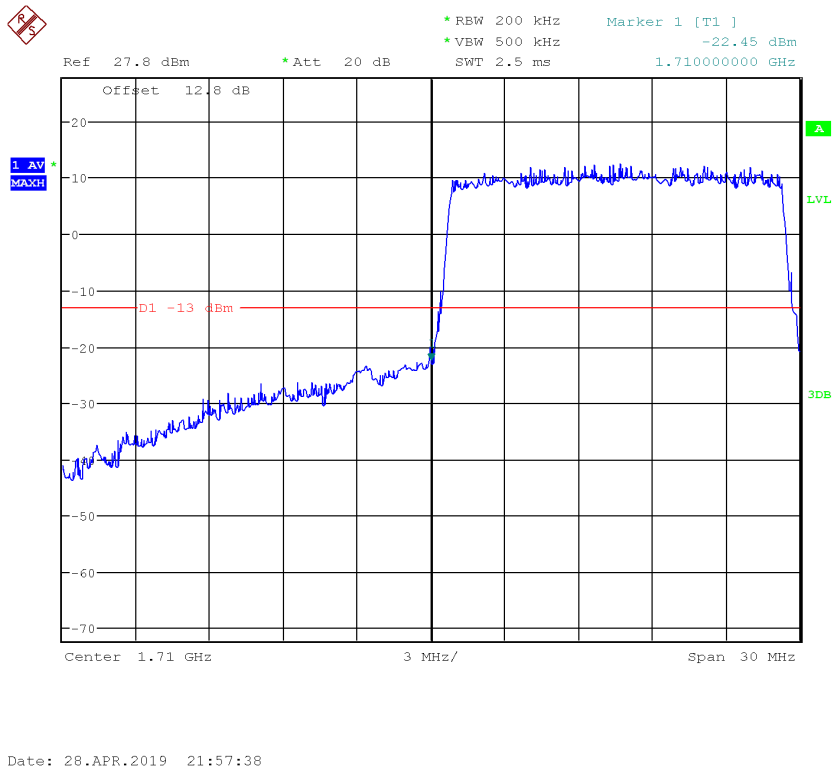
LTE Band4, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 1755MHz



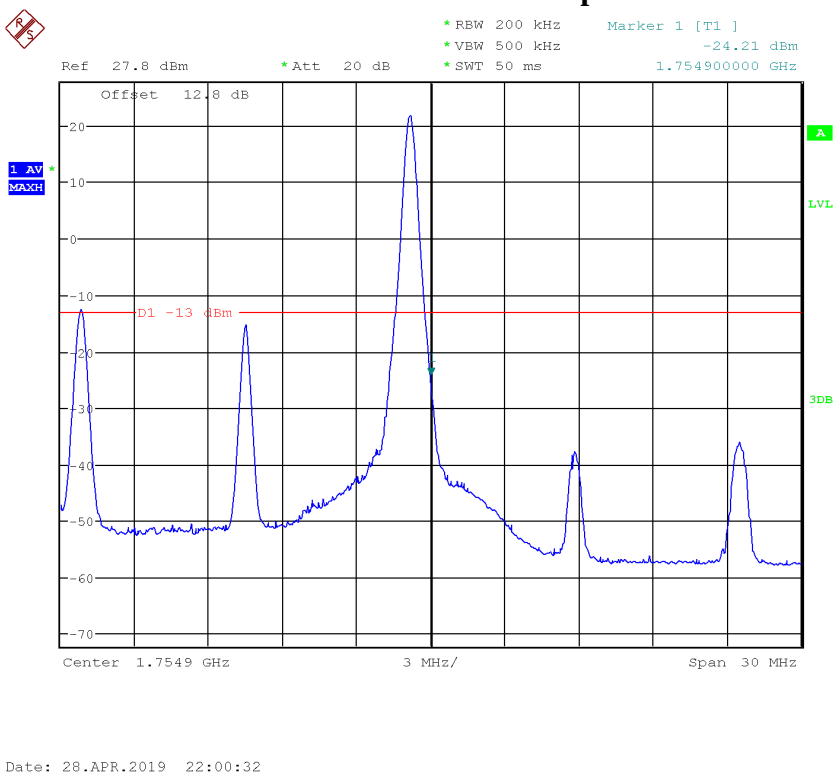
LTE Band4, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 1755MHz



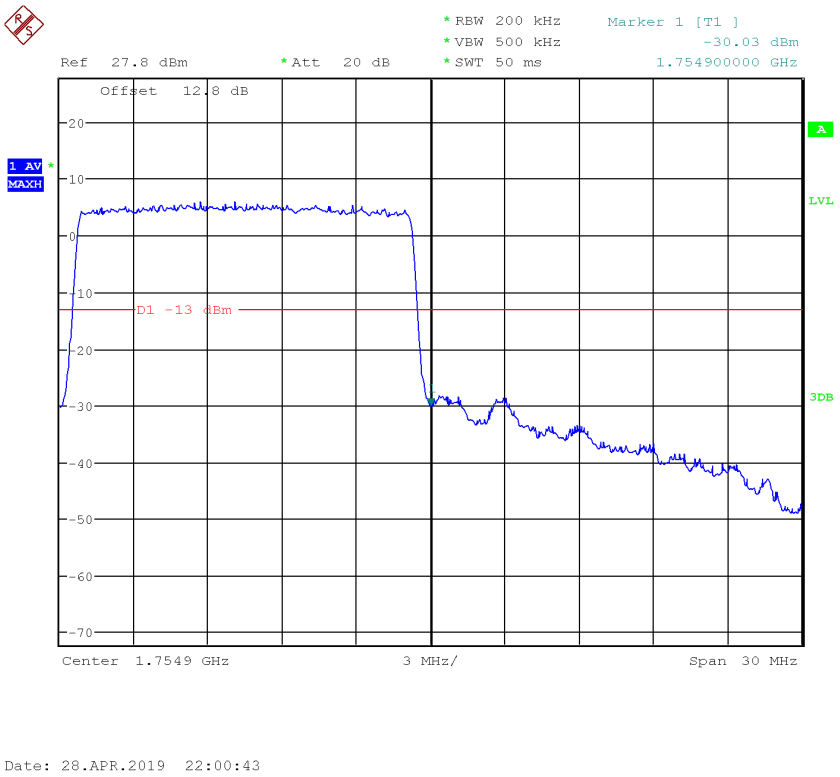
LTE Band4, 15MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



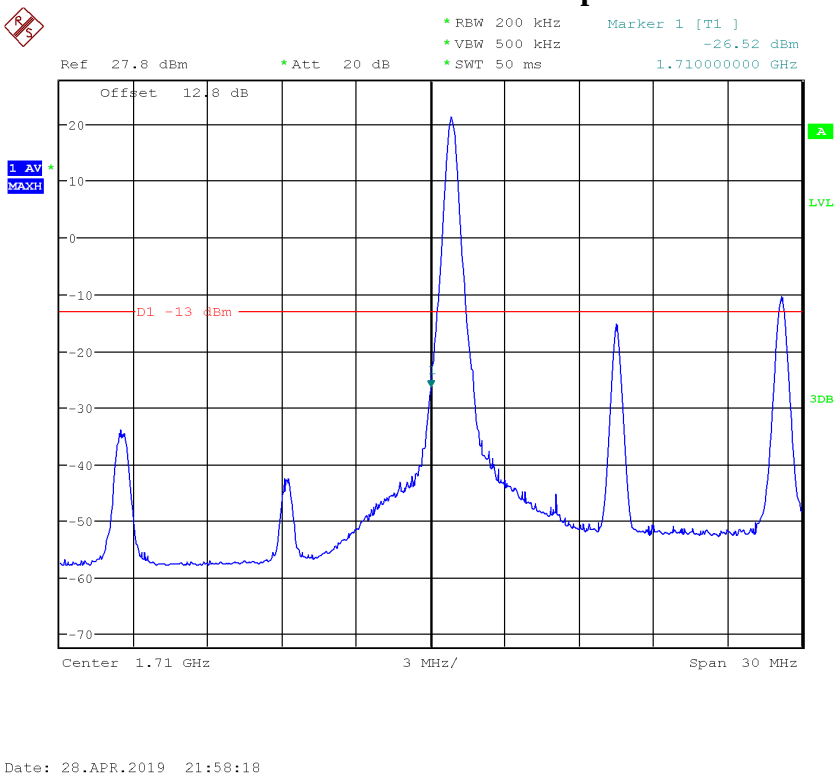
LTE Band4, 15MHz bandwidth, QPSK,(75,0) Mode , Below 1710MHz



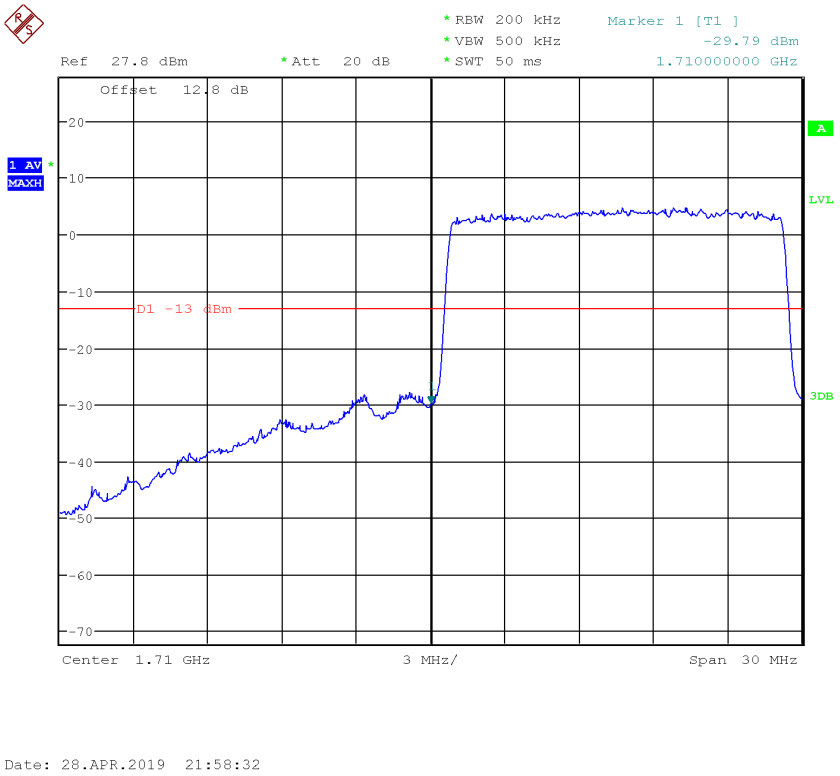
LTE Band4, 15MHz bandwidth, QPSK,(1,75) Mode, Above 1755MHz



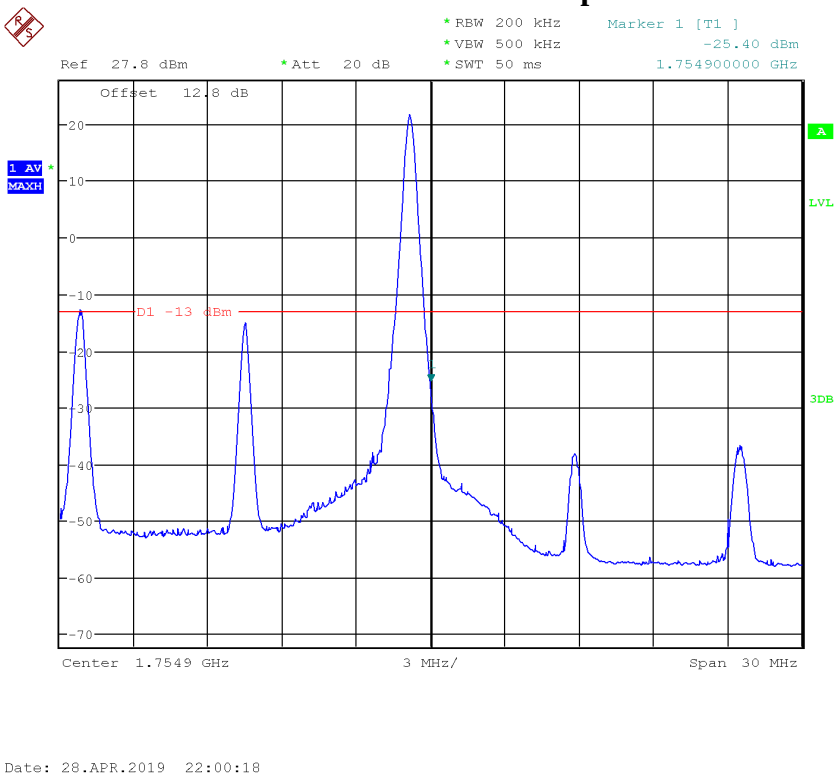
LTE Band4, 15MHz bandwidth, QPSK,(75,0) Mode, Above 1755MHz



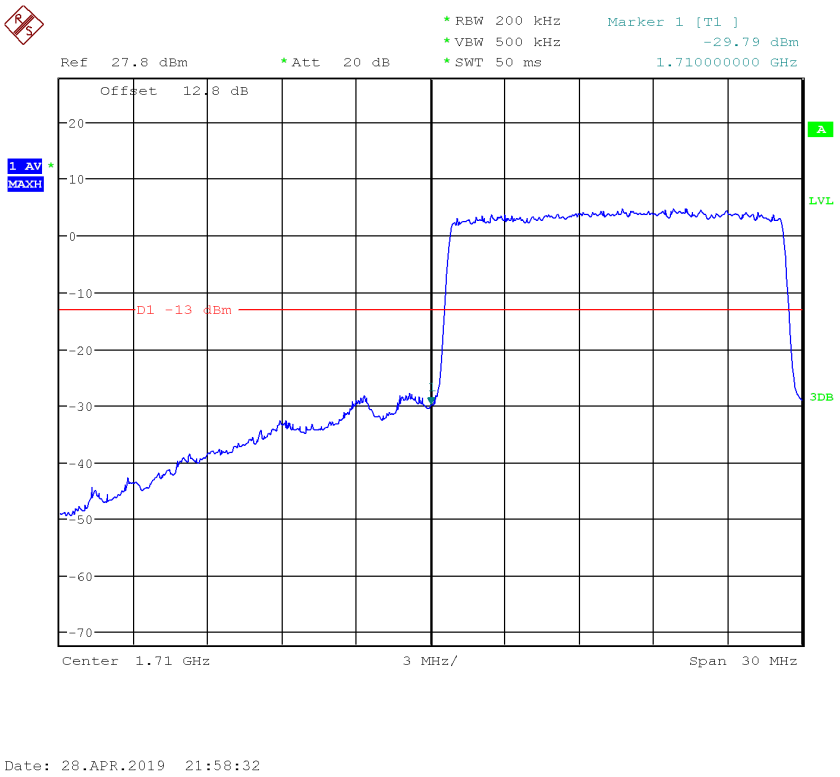
LTE Band4, 15MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



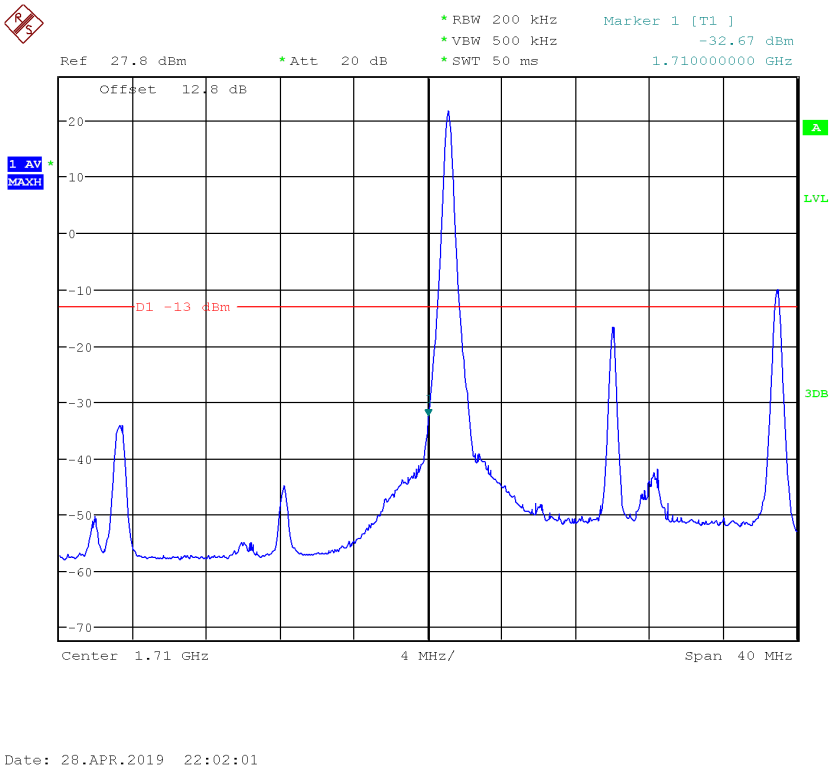
LTE Band4, 15MHz bandwidth, 16QAM,(75,0) Mode , Below 1710MHz



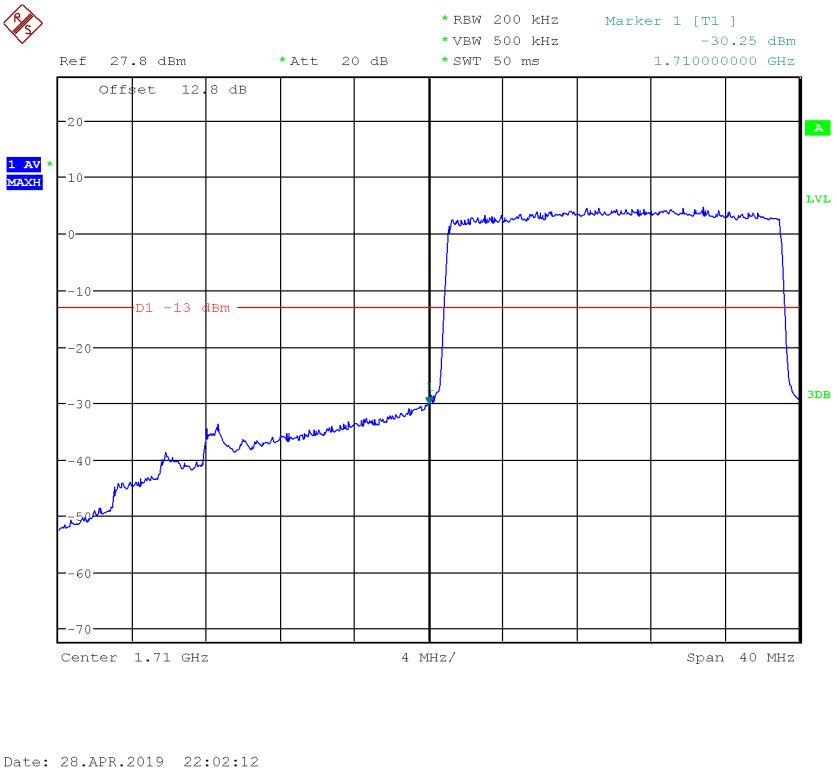
LTE Band4, 15MHz bandwidth, 16QAM,(1,75) Mode, Above 1755MHz



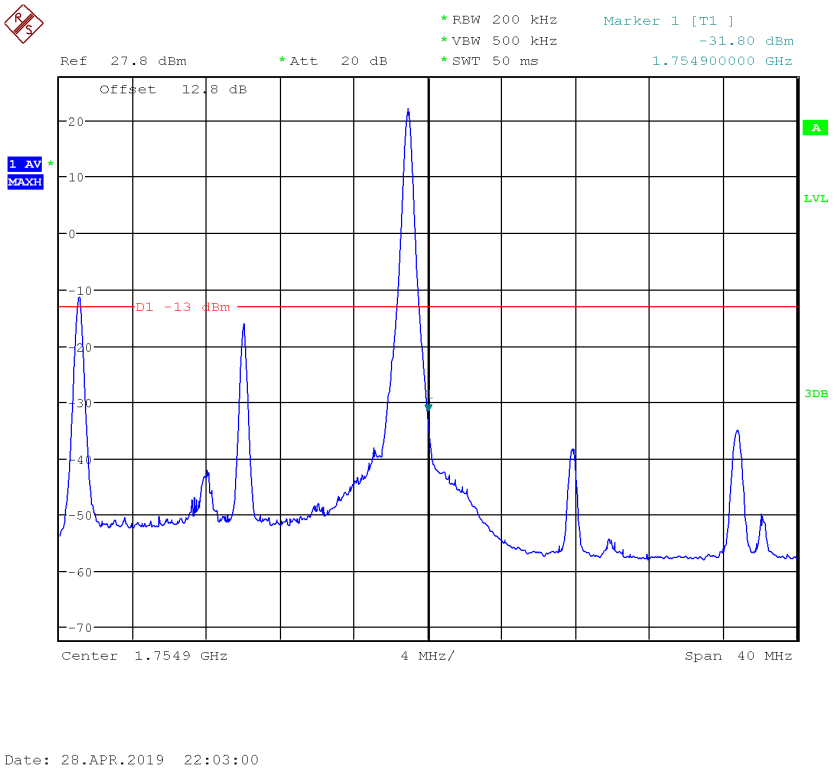
LTE Band4, 15MHz bandwidth, 16QAM,(75,0) Mode, Above 1755MHz



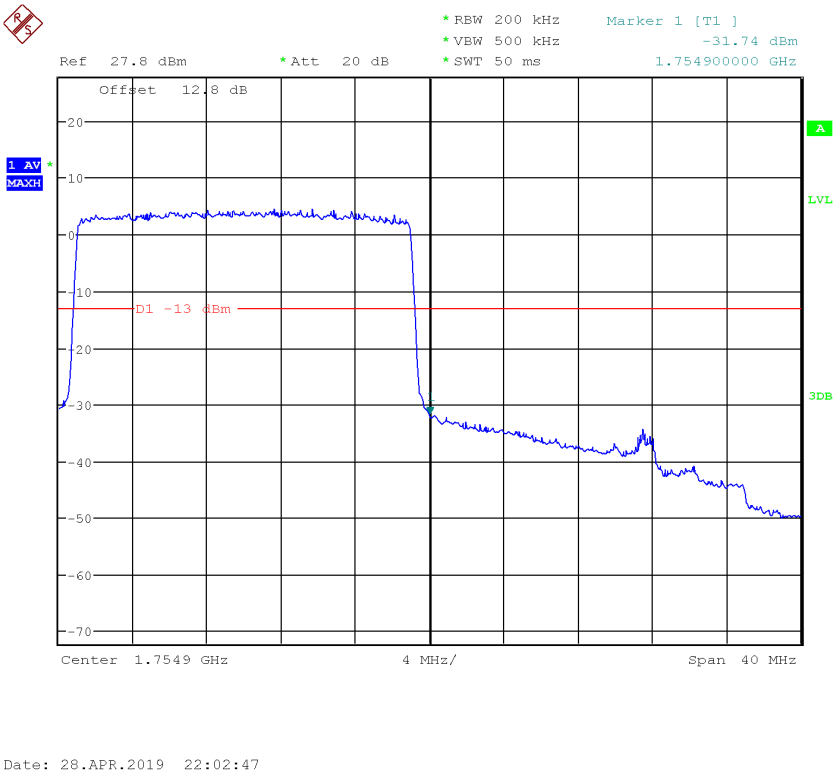
LTE Band4, 20MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



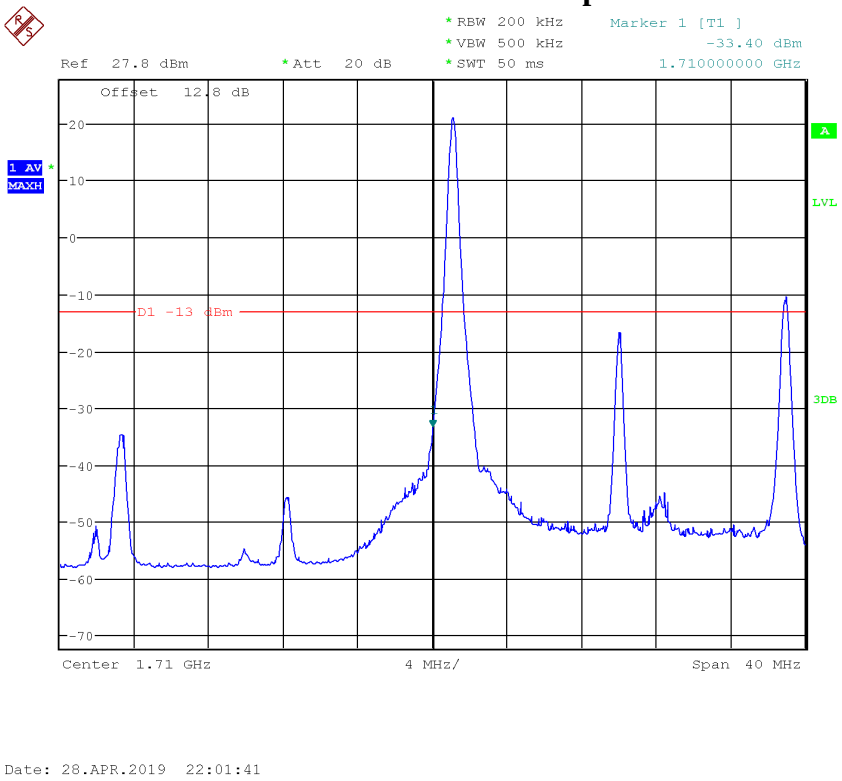
LTE Band4, 20MHz bandwidth, QPSK,(100,0) Mode , Below 1710MHz



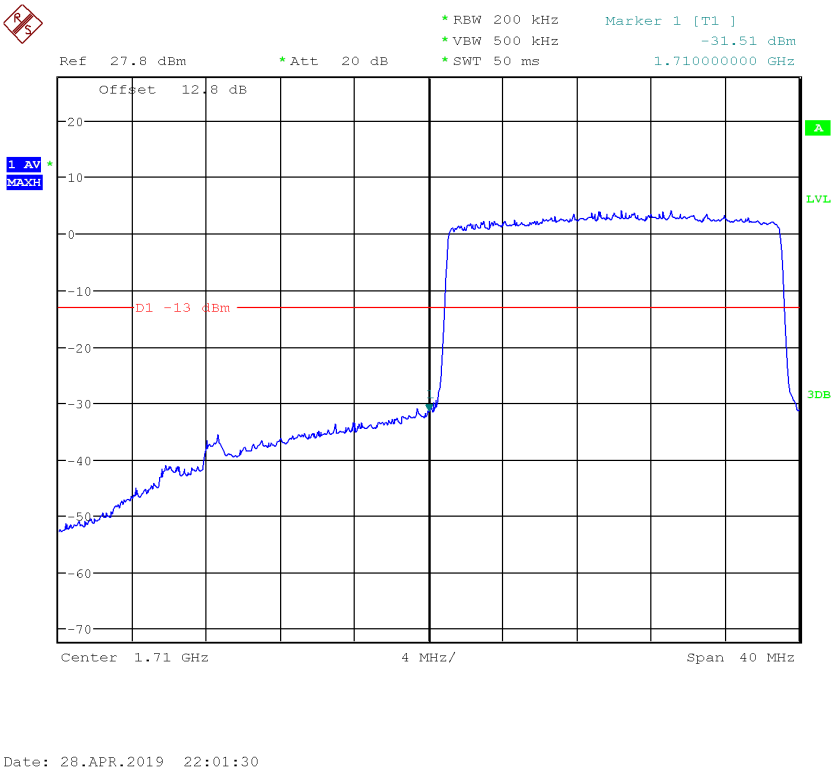
LTE Band4, 20MHz bandwidth, QPSK,(1,100) Mode, Above 1755MHz



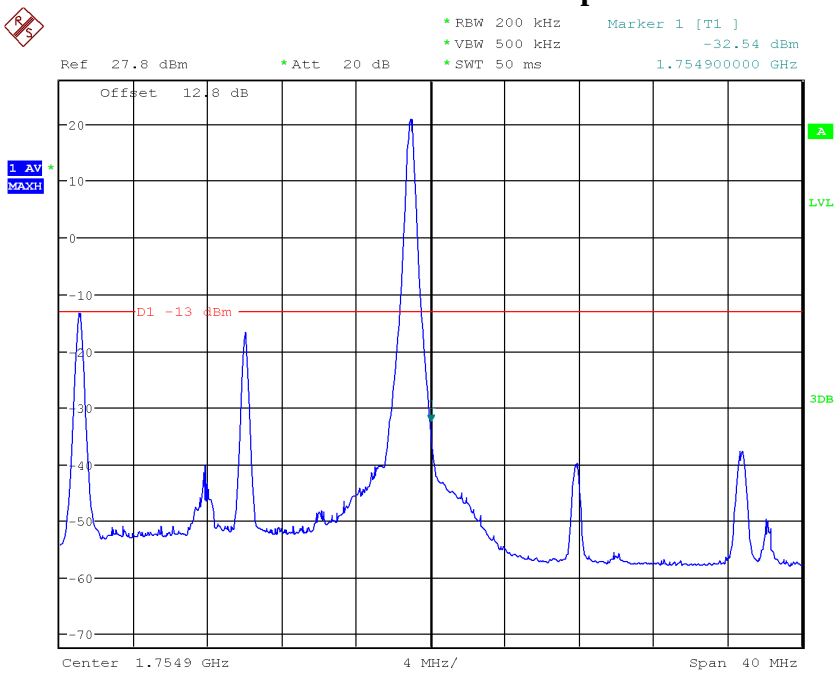
LTE Band4, 20MHz bandwidth, QPSK,(100,0) Mode, Above 1755MHz



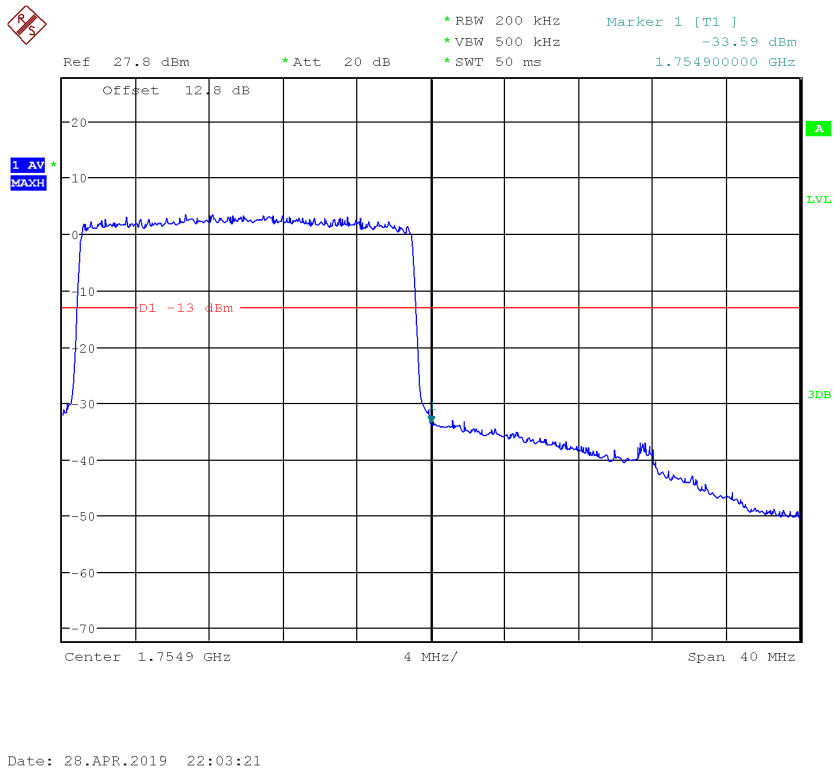
LTE Band4, 20MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



LTE Band4, 20MHz bandwidth, 16QAM,(100,0) Mode , Below 1710MHz

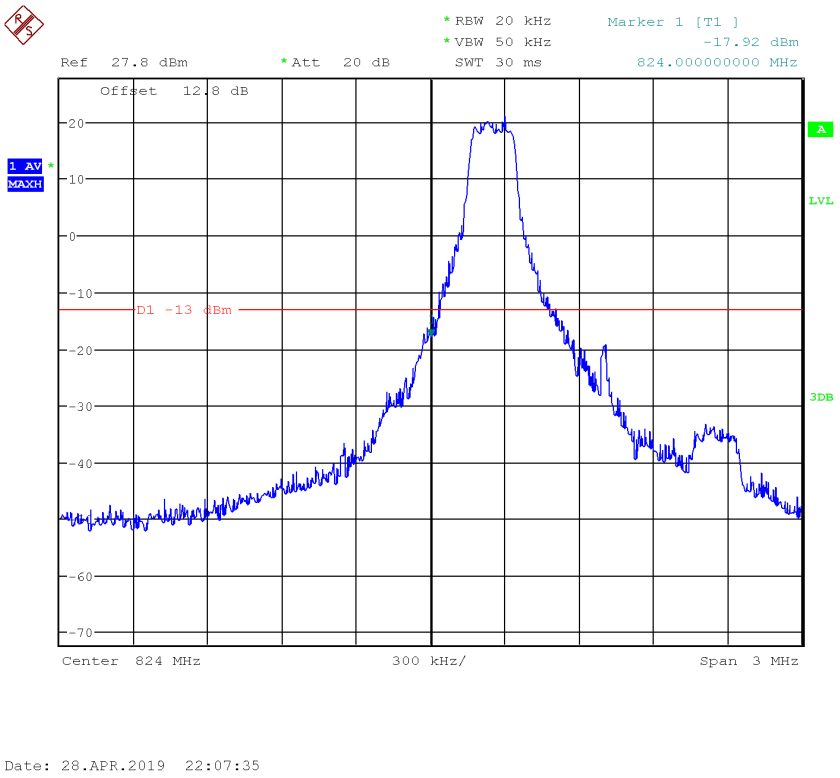


LTE Band4, 20MHz bandwidth, 16QAM,(1,100) Mode, Above 1755MHz

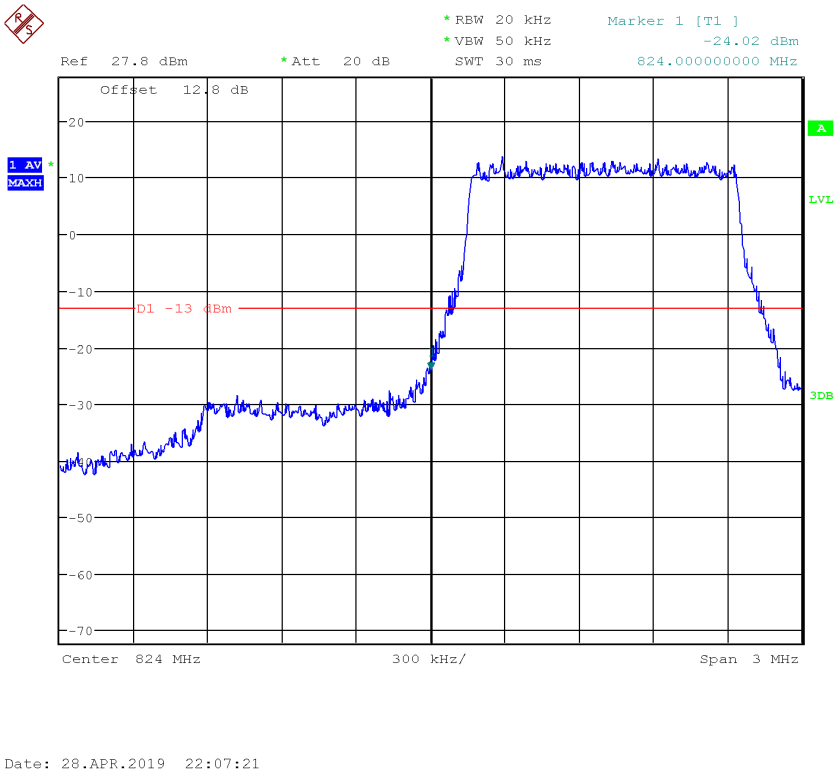


LTE Band4, 20MHz bandwidth, 16QAM,(100,0) Mode, Above 1755MHz

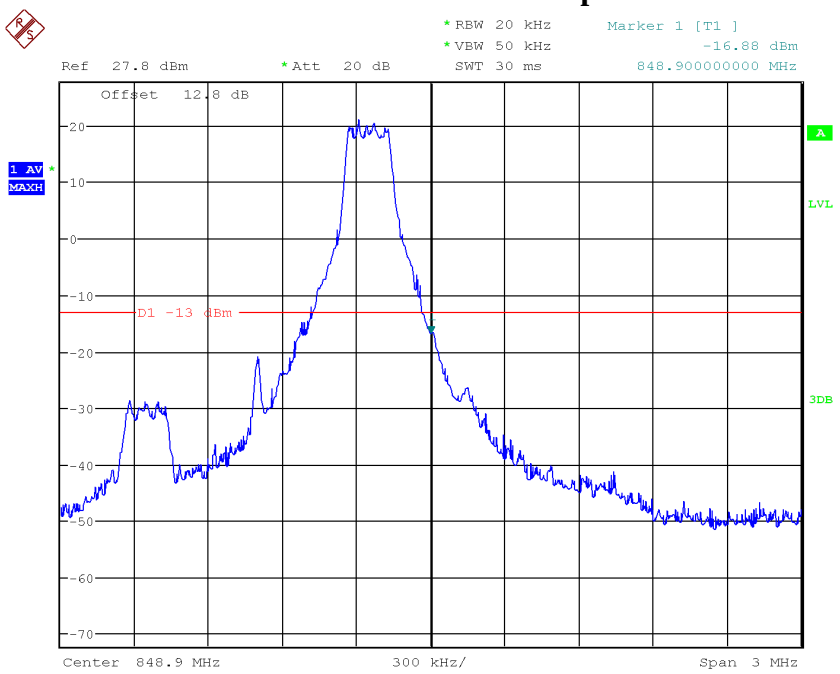
5.5.7 LTE B5 Band Edge Results



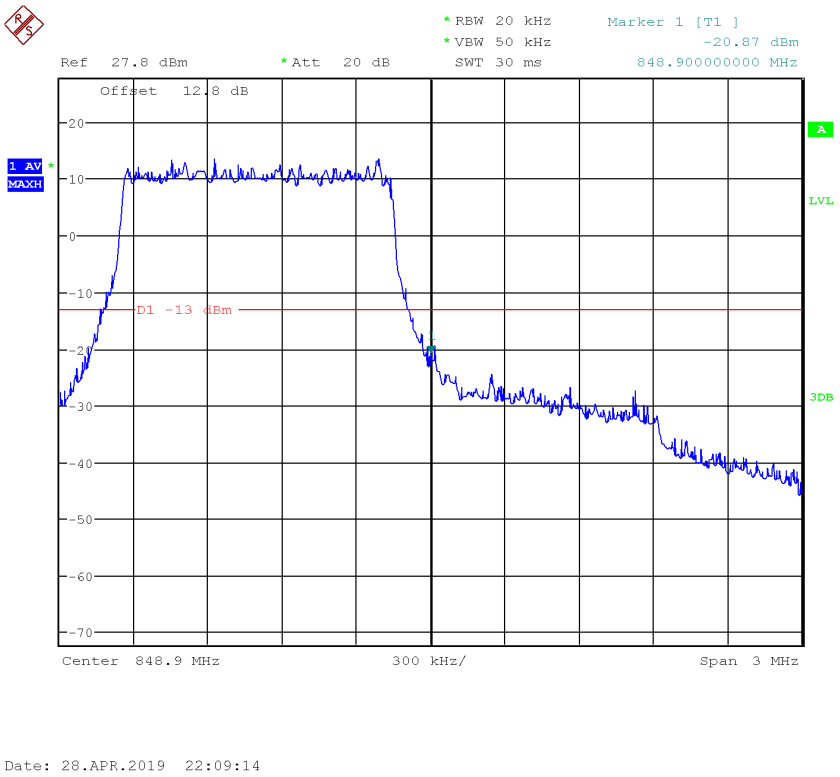
LTE Band5, 1.4MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz



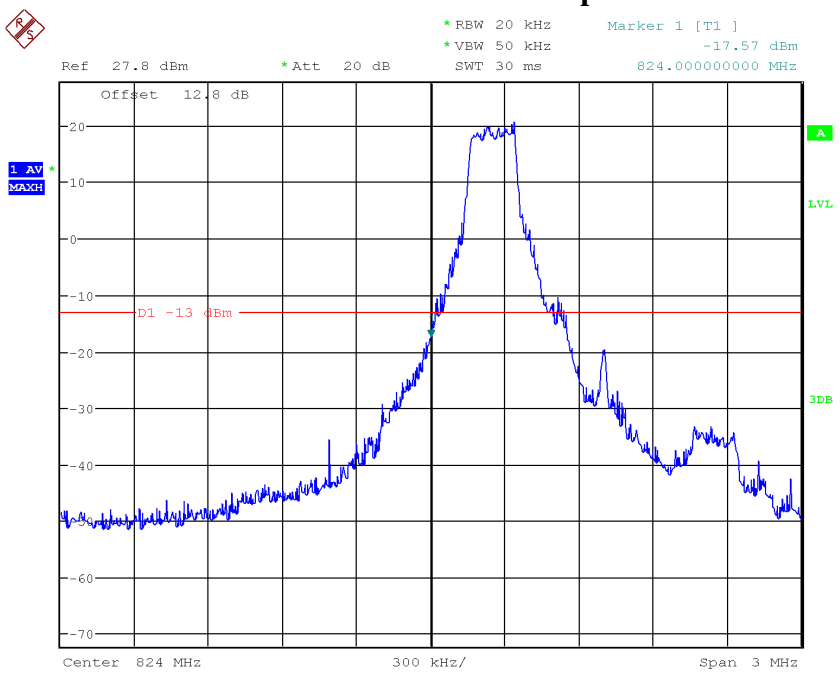
LTE Band5, 1.4MHz bandwidth, QPSK,(6,0) Mode , Below 824MHz



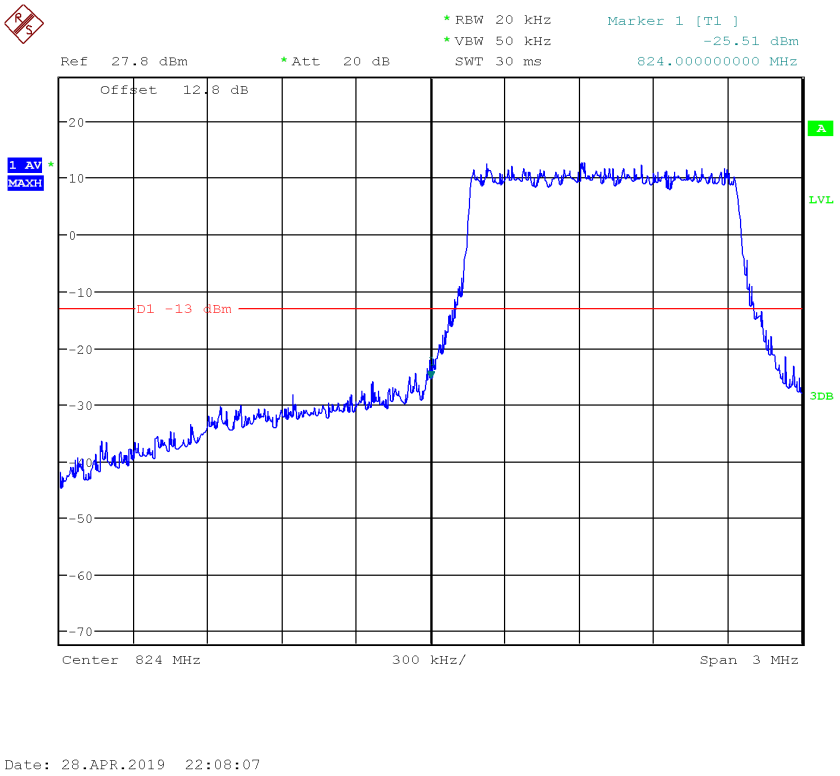
LTE Band5, 1.4MHz bandwidth, QPSK,(1,6) Mode, Above 849MHz



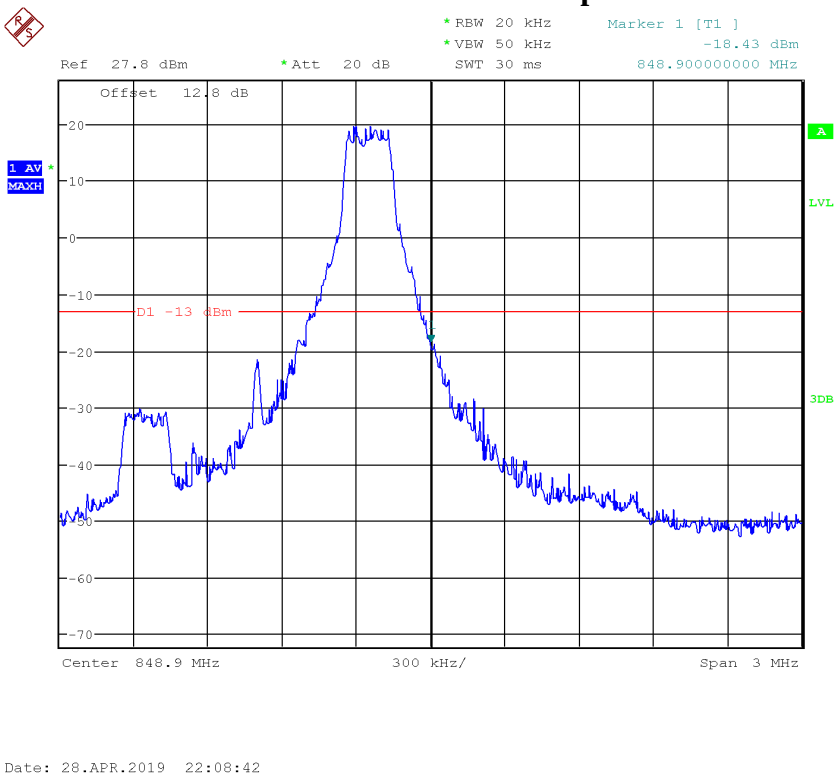
LTE Band5, 1.4MHz bandwidth, QPSK,(6,0) Mode, Above 849MHz



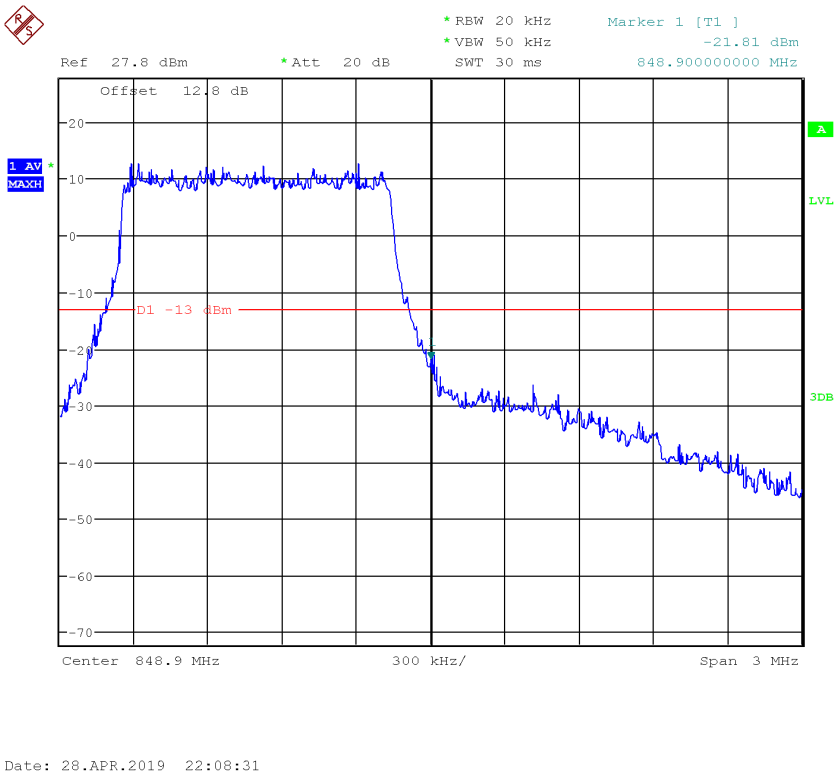
LTE Band5, 1.4MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz



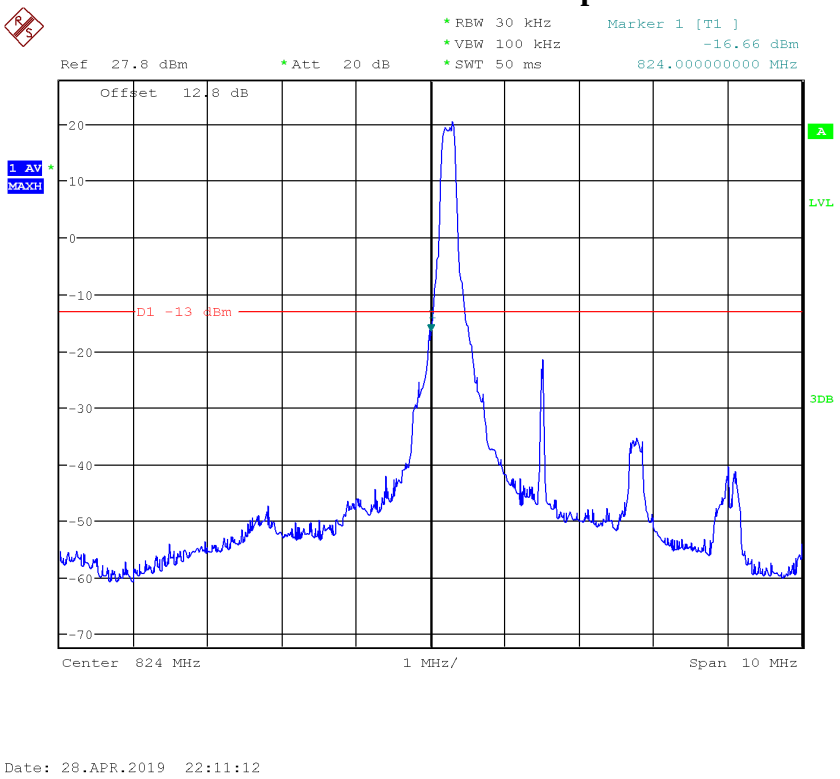
LTE Band5, 1.4MHz bandwidth, 16QAM,(6,0) Mode , Below 824MHz



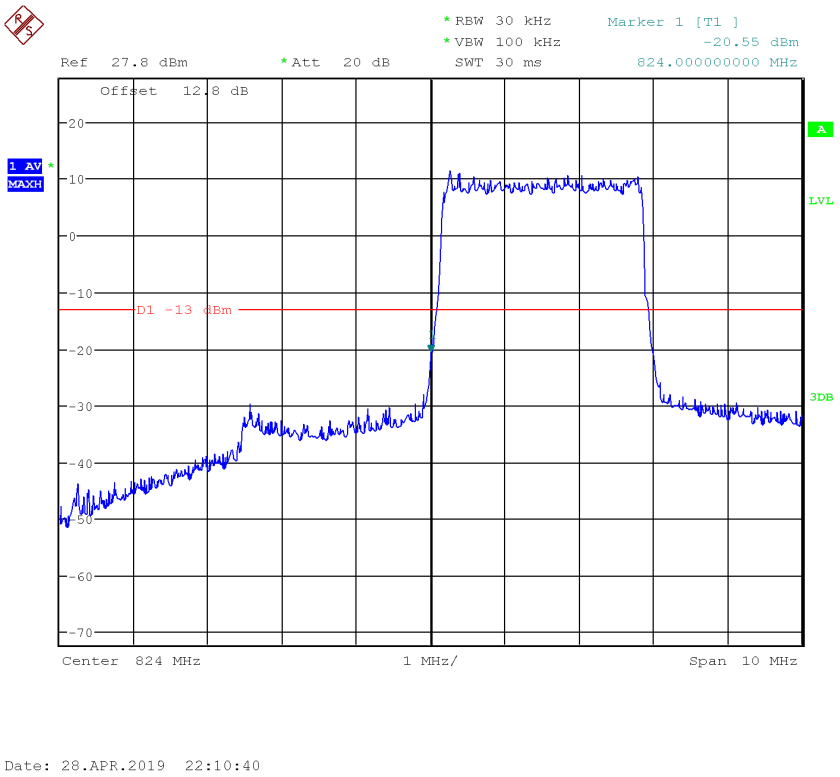
LTE Band5, 1.4MHz bandwidth, 16QAM,(1,6) Mode, Above 849MHz



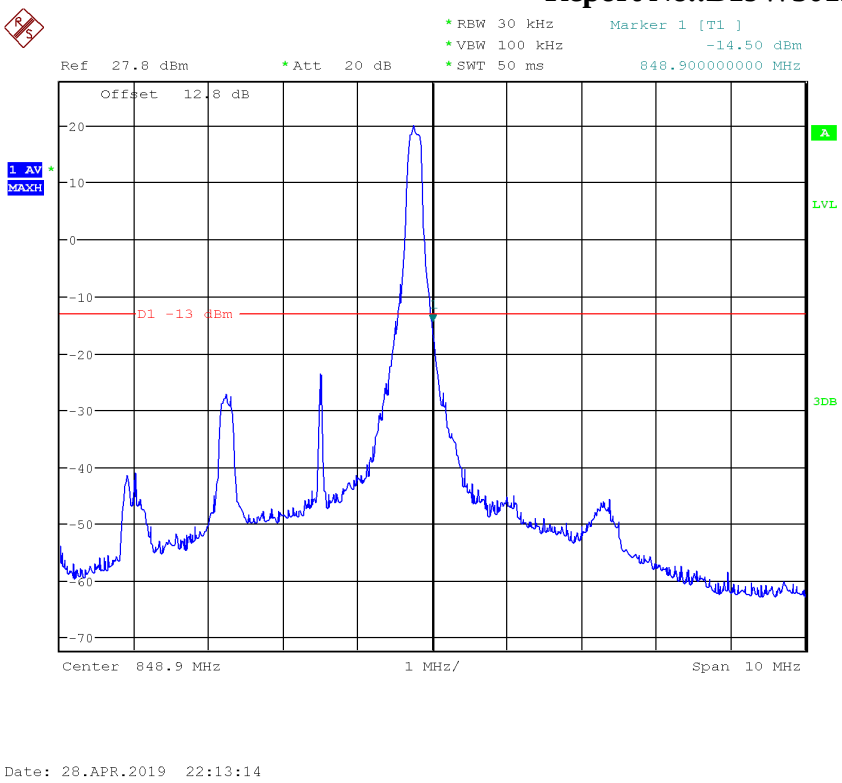
LTE Band5, 1.4MHz bandwidth, 16QAM,(6,0) Mode, Above 849MHz



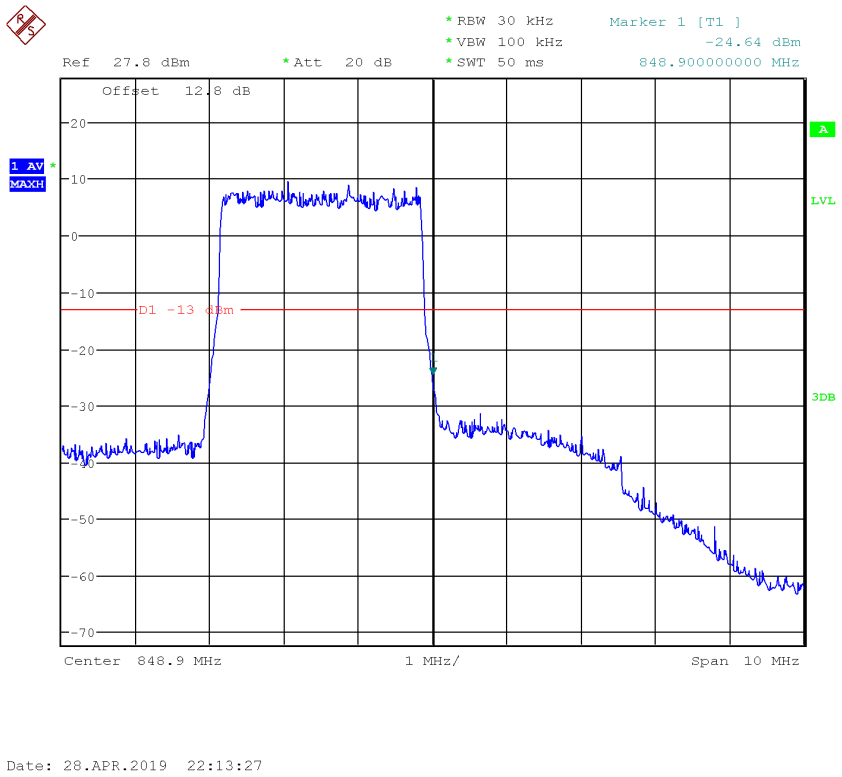
LTE Band5, 3MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz



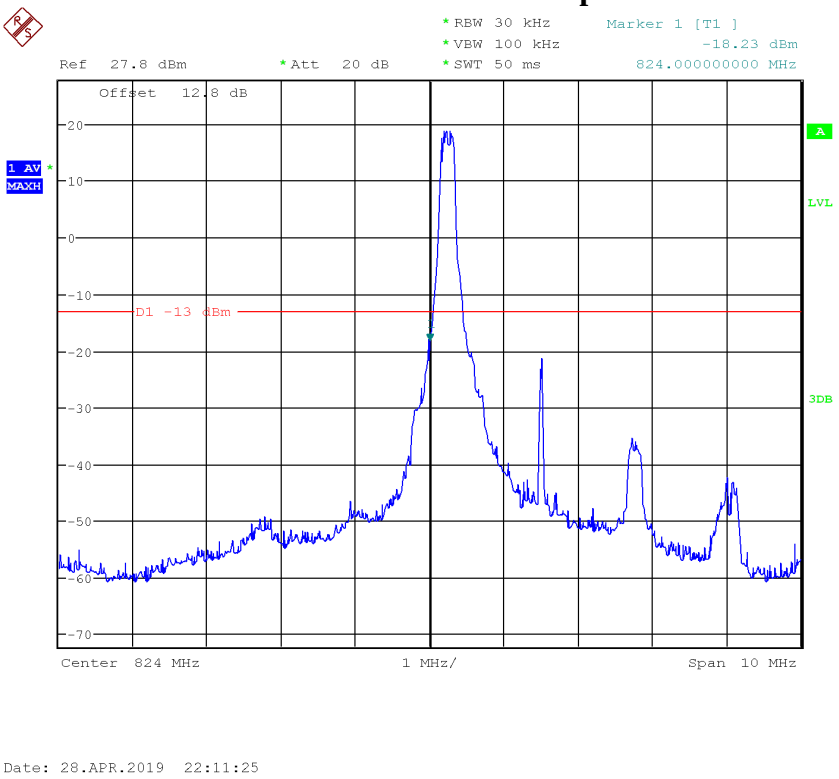
LTE Band5, 3MHz bandwidth, QPSK,(15,0) Mode , Below 824MHz



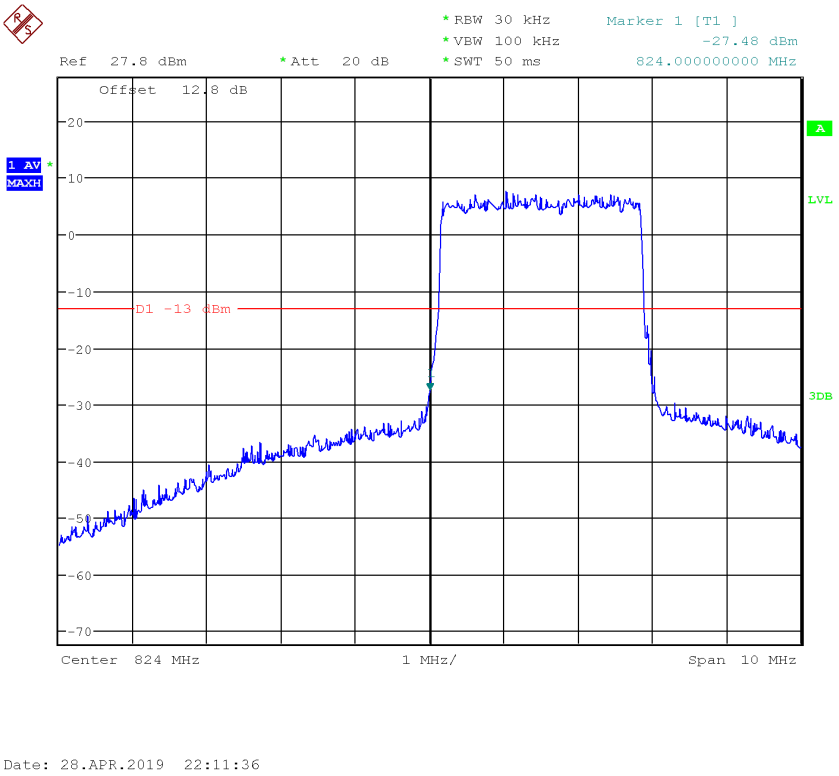
LTE Band5, 3MHz bandwidth, QPSK,(1,15) Mode, Above 849MHz



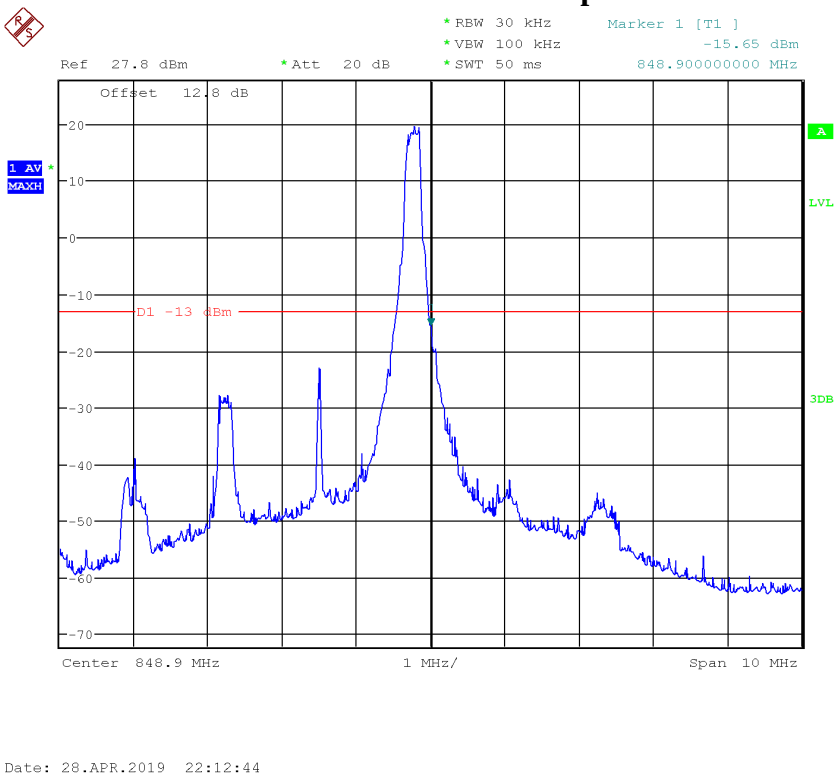
LTE Band5, 3MHz bandwidth, QPSK,(15,0) Mode, Above 849MHz



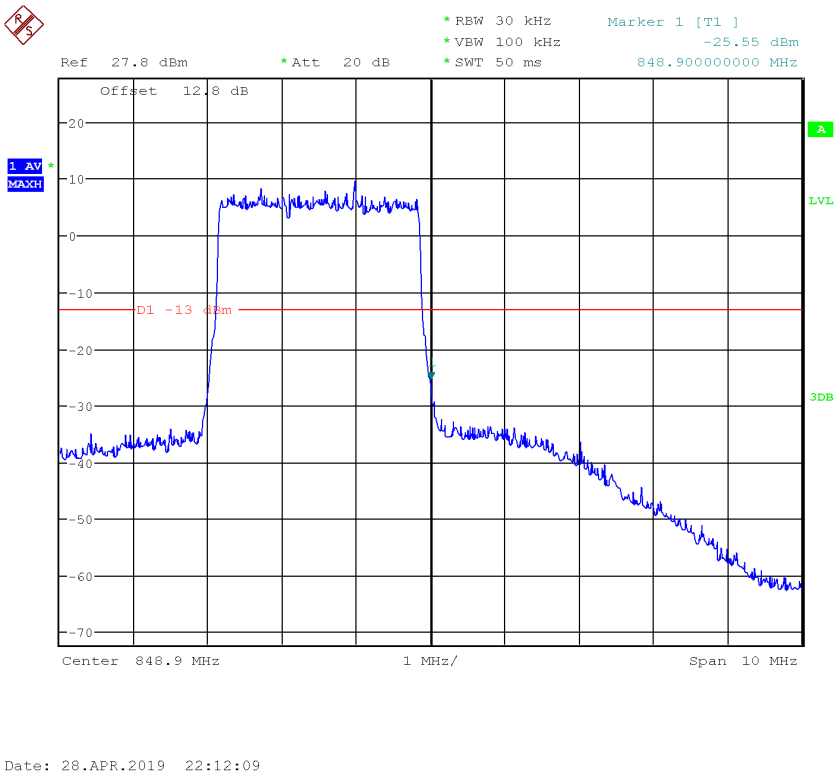
LTE Band5, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz



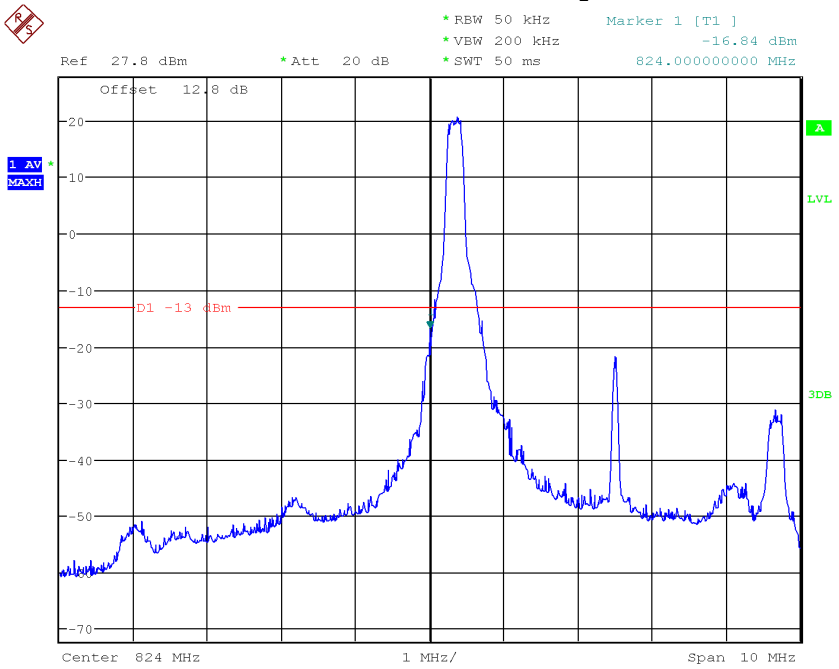
LTE Band5, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 824MHz



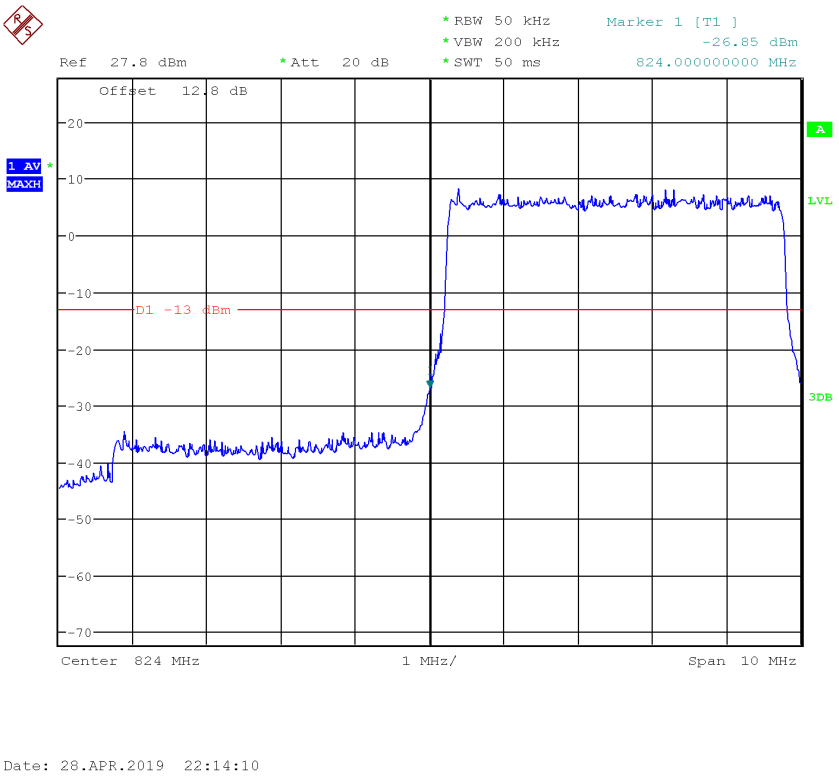
LTE Band5, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 849MHz



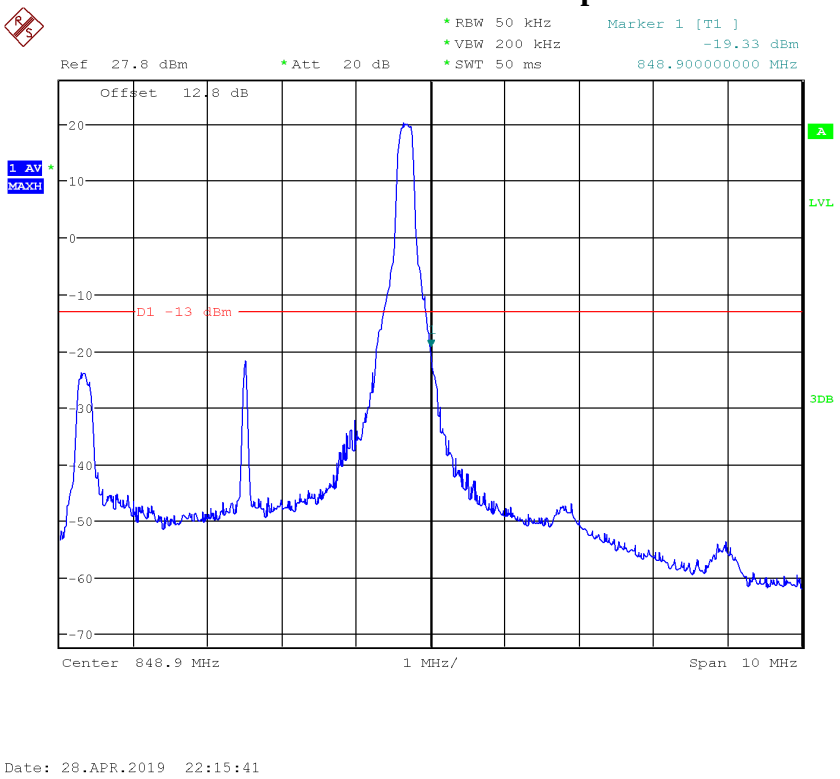
LTE Band5, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 849MHz



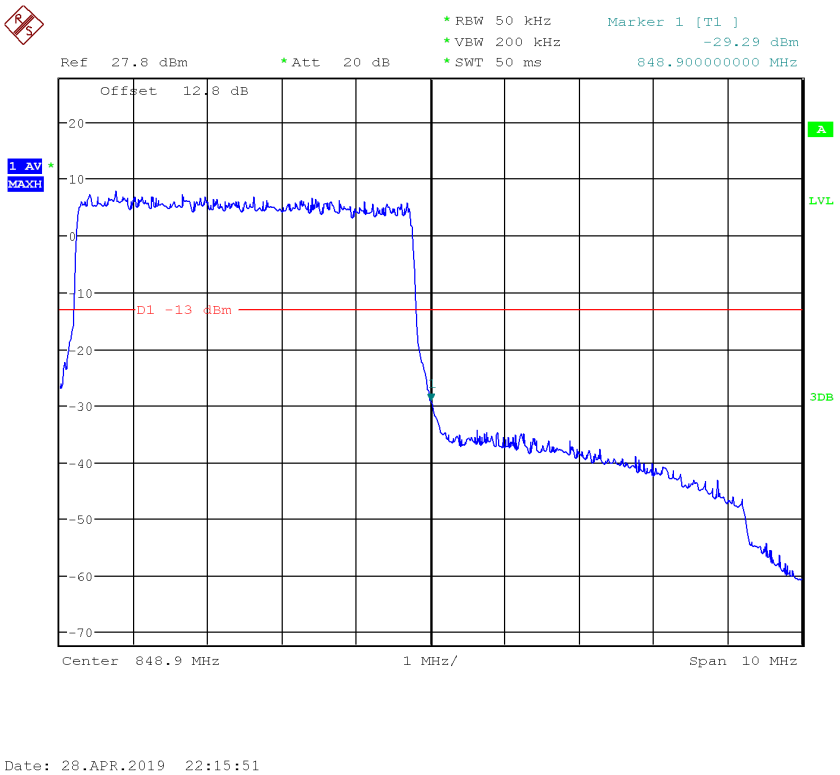
LTE Band5, 5MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz



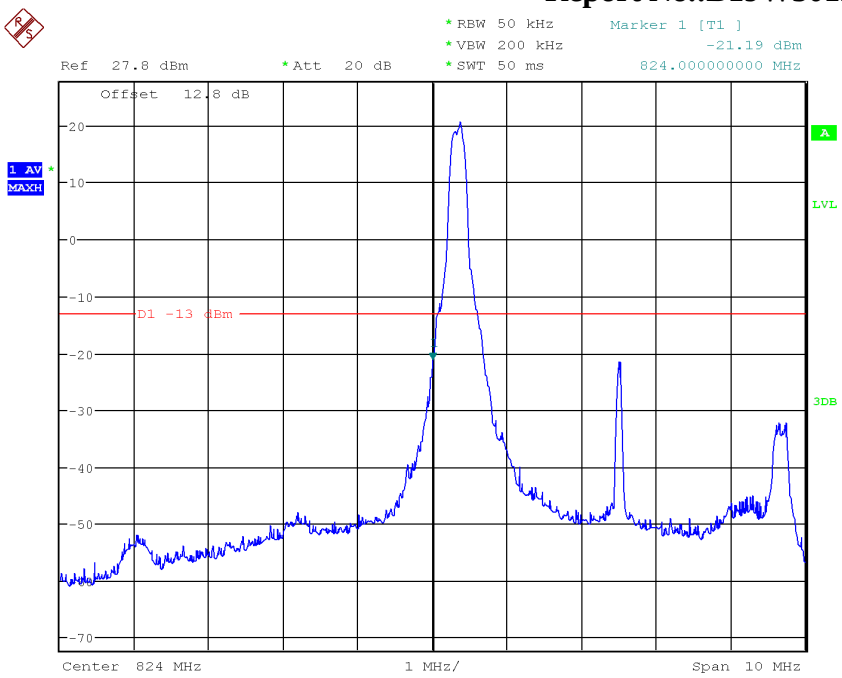
LTE Band5, 5MHz bandwidth, QPSK,(25,0) Mode , Below 824MHz



LTE Band5, 5MHz bandwidth, QPSK,(1,25) Mode, Above 849MHz



LTE Band5, 5MHz bandwidth, QPSK,(25,0) Mode, Above 849MHz



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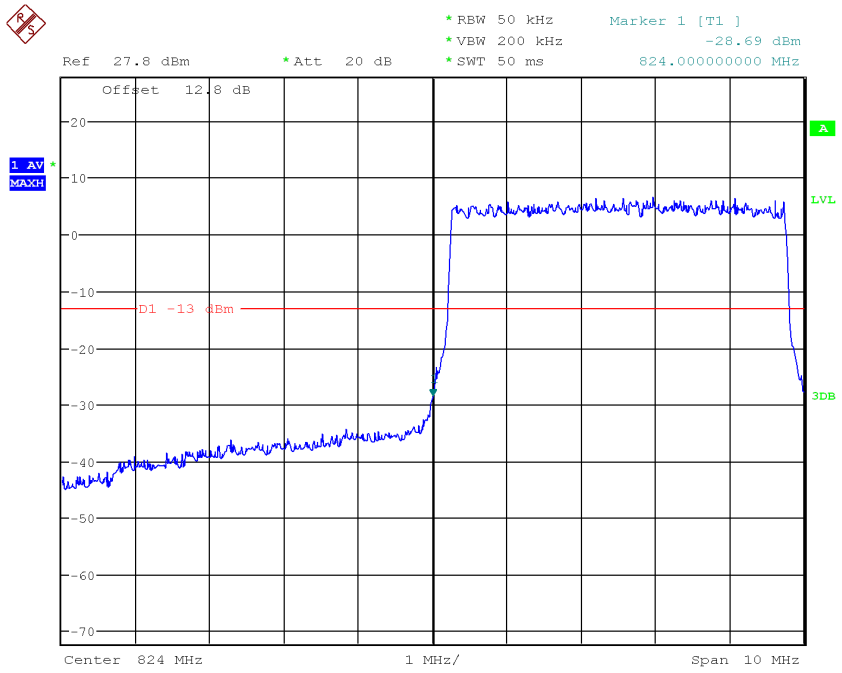
LTE Band5, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz



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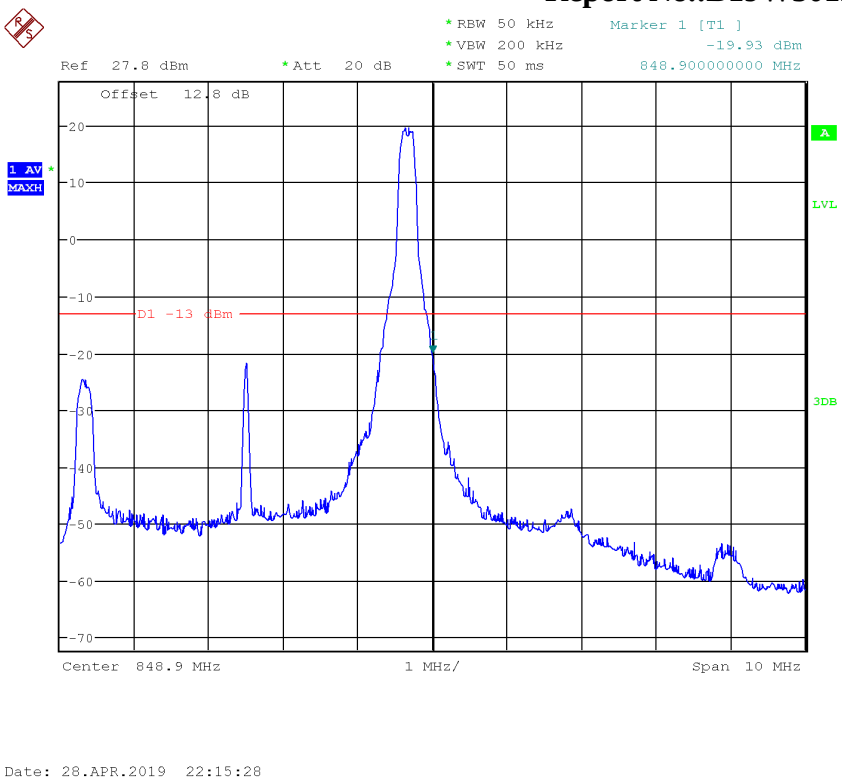
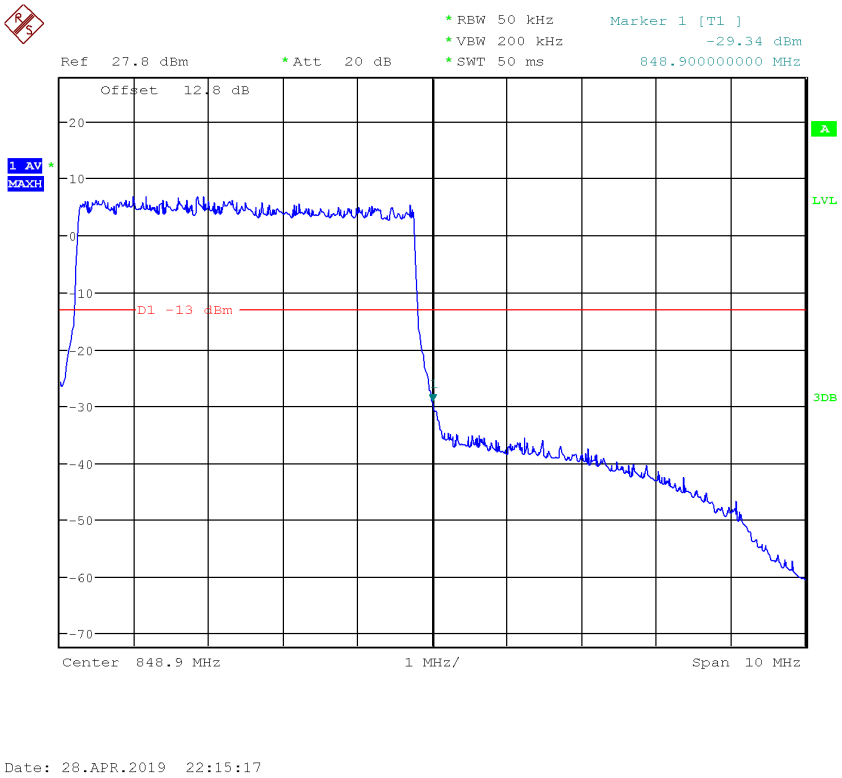
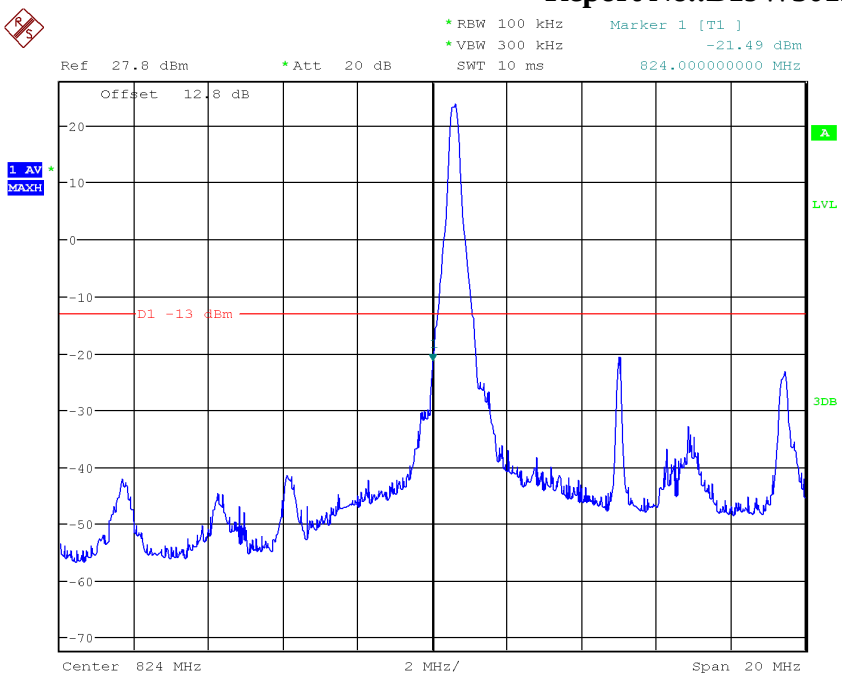
LTE Band5, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 824MHz



LTE Band5, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 849MHz



LTE Band5, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 849MHz



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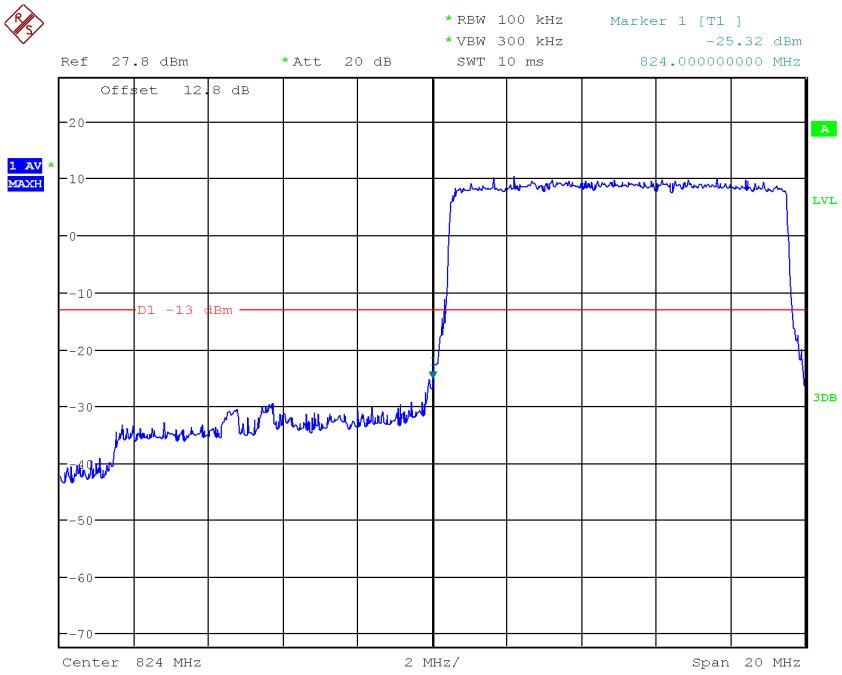

Date: 28.APR.2019 22:17:29

LTE Band5, 10MHz bandwidth, QPSK,(50,0) Mode , Below 824MHz