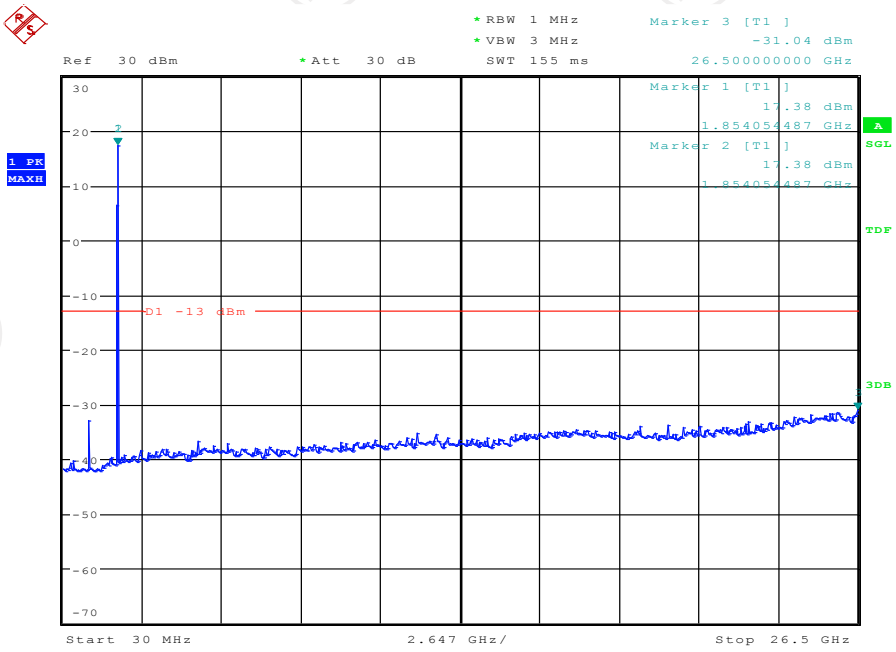
Appendix E: Conducted Spurious Emission

Note: The report LTE band2/4/5/7 data is used in 2ADINN5001L reported test data.

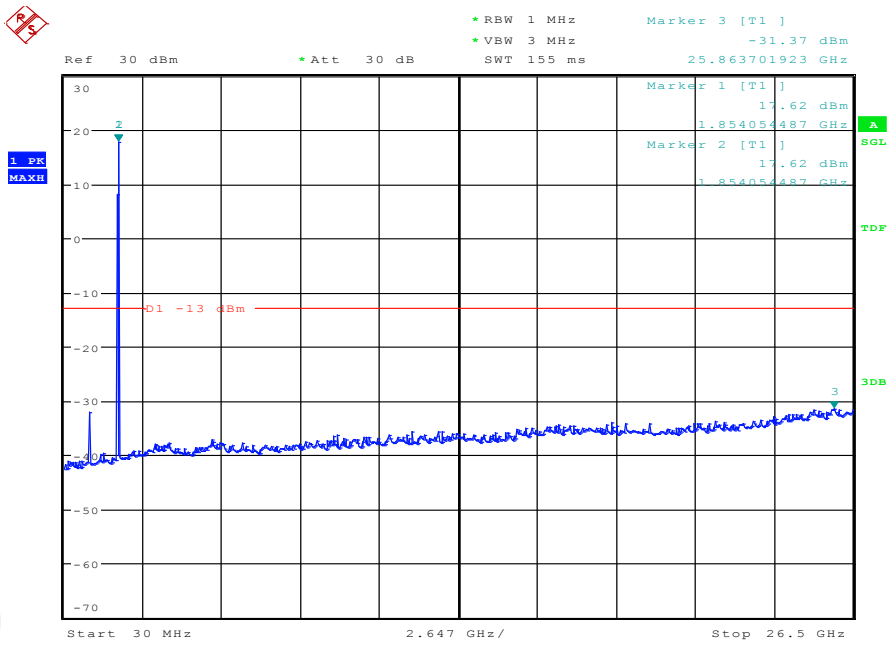
Test Graphs

BW1.4MHz-1850.7MHz,Q16-6RB_LOW@Pass



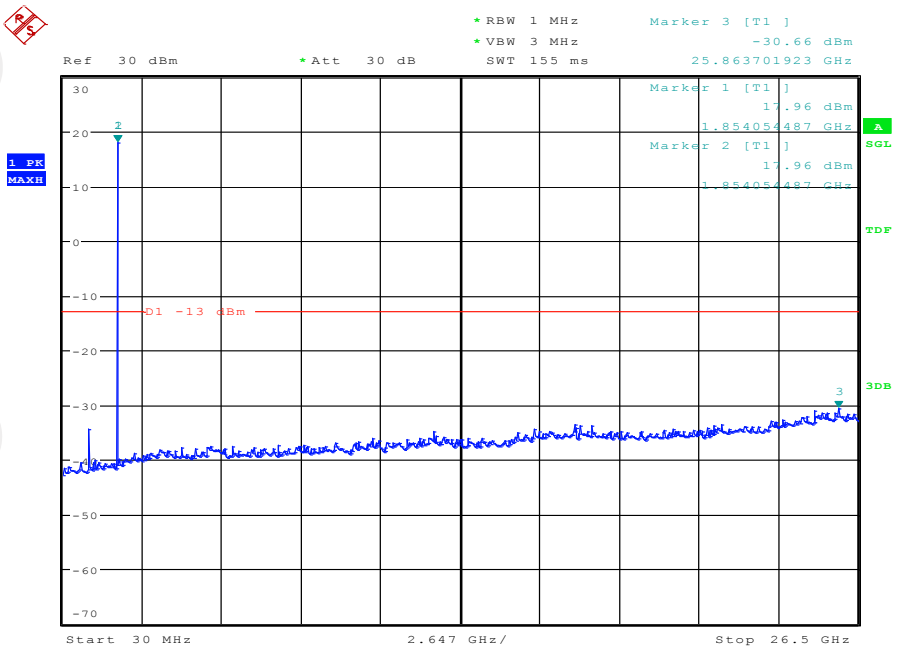
Date: 9.MAY.2017 20:43:14

BW1.4MHz-1850.7MHz,QPSK-6RB_LOW@Pass



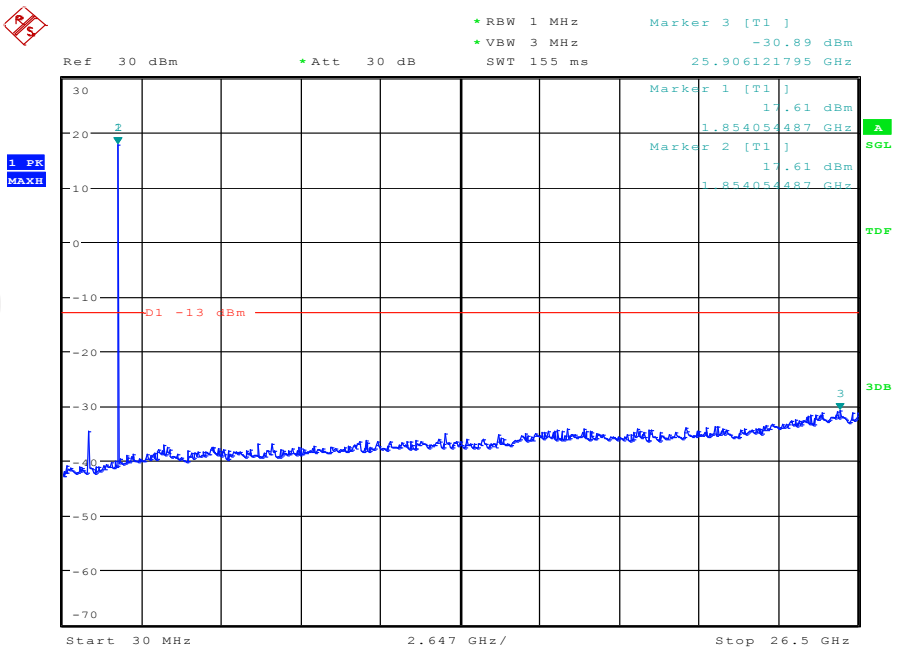
Date: 9.MAY.2017 20:42:58

BW1.4MHz-1880MHz,Q16-6RB_LOW@Pass



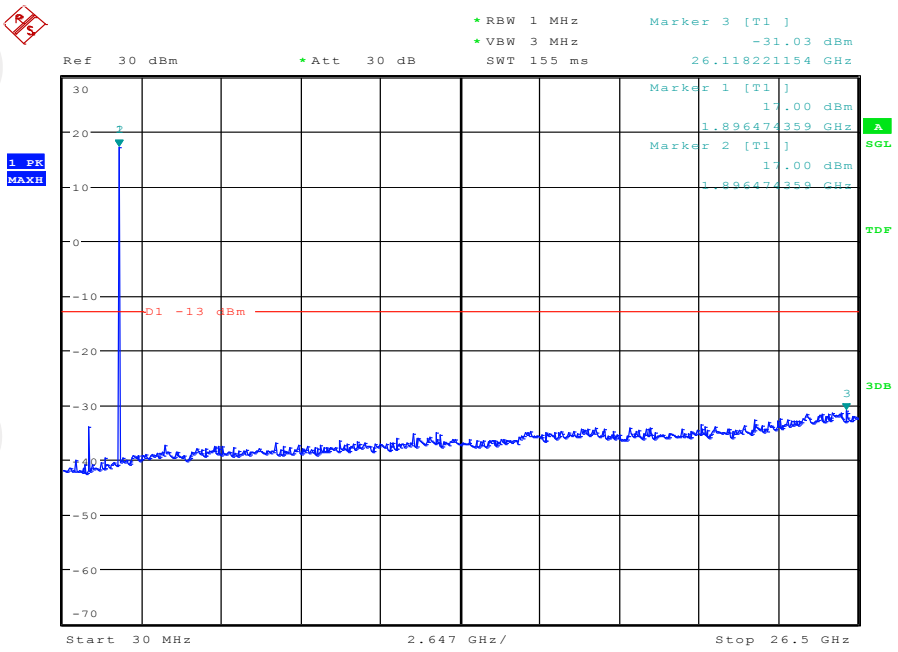
Date: 9.MAY.2017 20:44:17

BW1.4MHz-1880MHz,QPSK-6RB_LOW@Pass



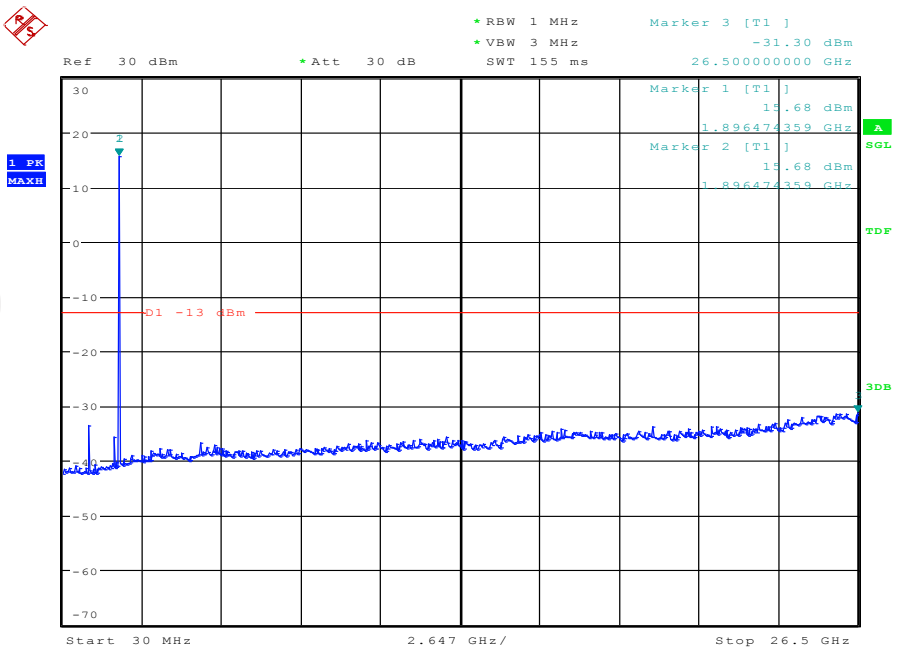
Date: 9.MAY.2017 20:44:02

BW1.4MHz-1909.3MHz,Q16-6RB_LOW@Pass



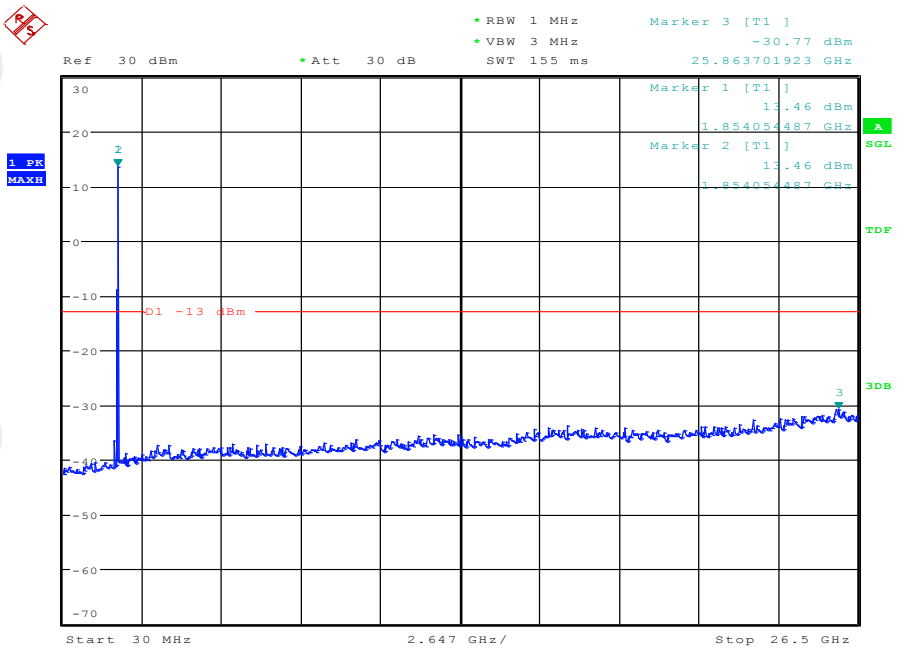
Date: 9.MAY.2017 20:43:45

BW1.4MHz-1909.3MHz,QPSK-6RB_LOW@Pass



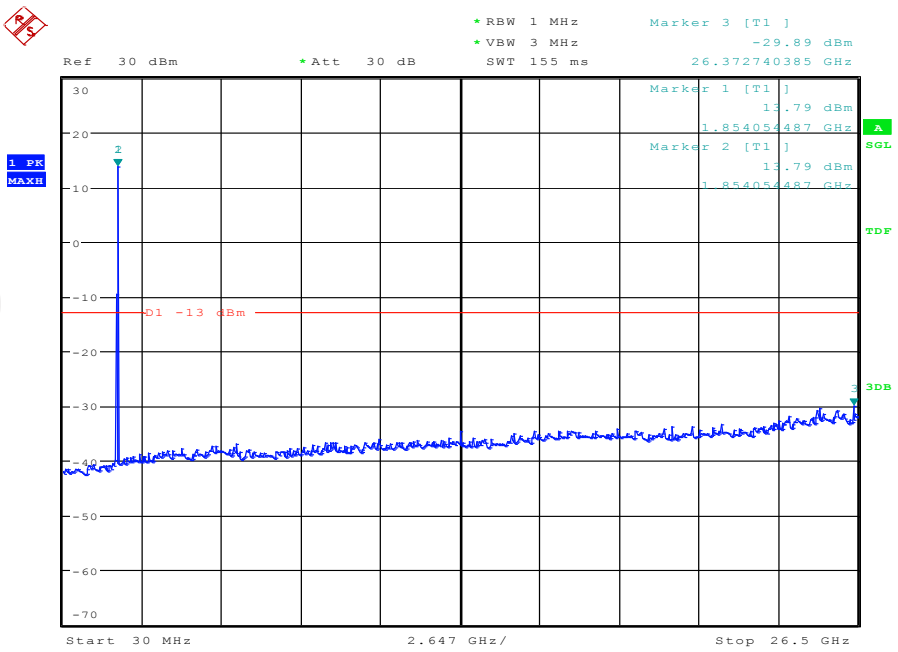
Date: 9.MAY.2017 20:43:30

BW10MHz-1855MHz,Q16-50RB_LOW@Pass



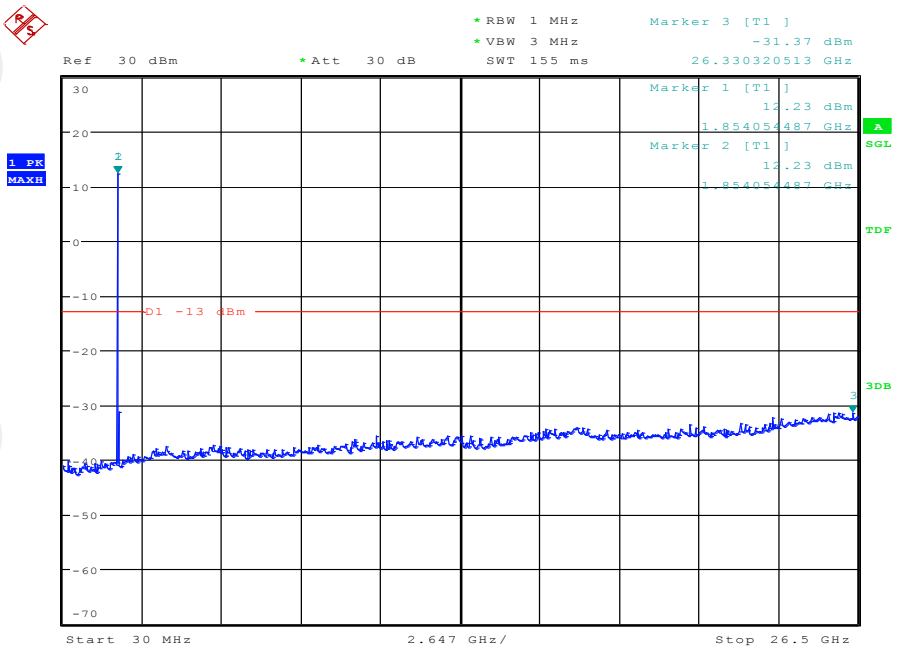
Date: 9.MAY.2017 20:48:19

BW10MHz-1855MHz,QPSK-50RB_LOW@Pass



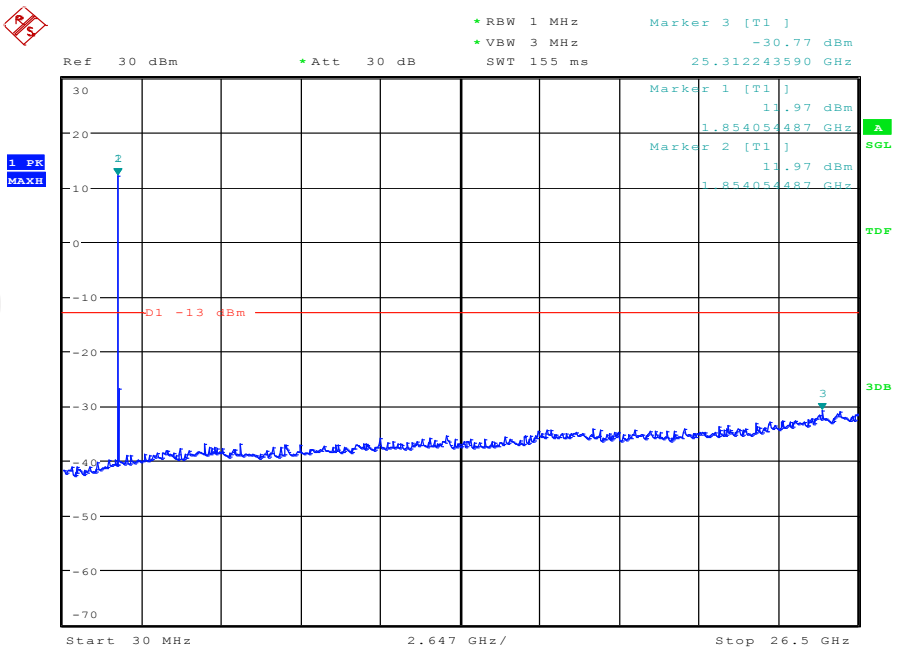
Date: 9.MAY.2017 20:48:02

BW10MHz-1880MHz,Q16-50RB_LOW@Pass



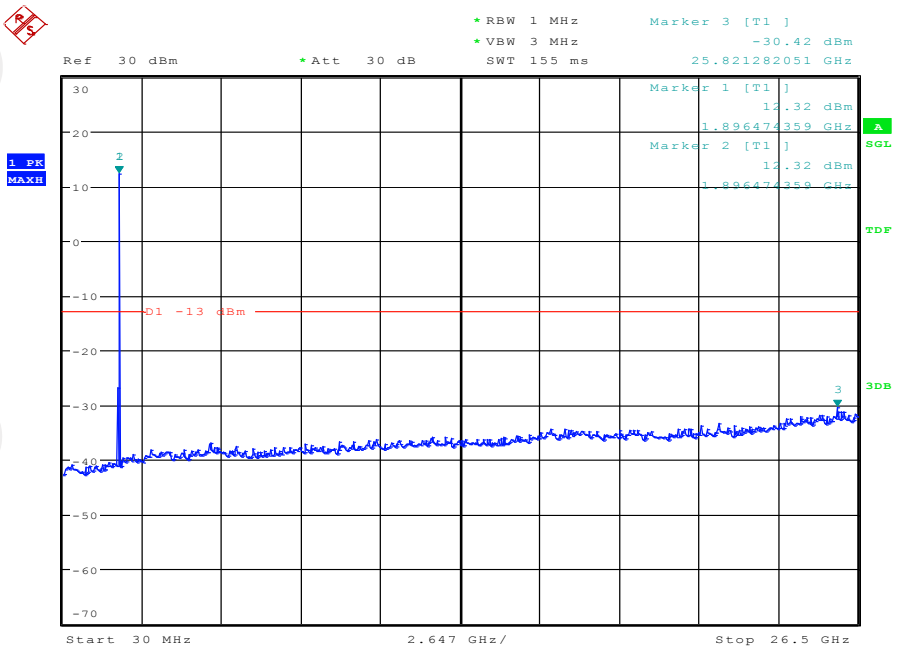
Date: 9.MAY.2017 20:49:31

BW10MHz-1880MHz,QPSK-50RB_LOW@Pass



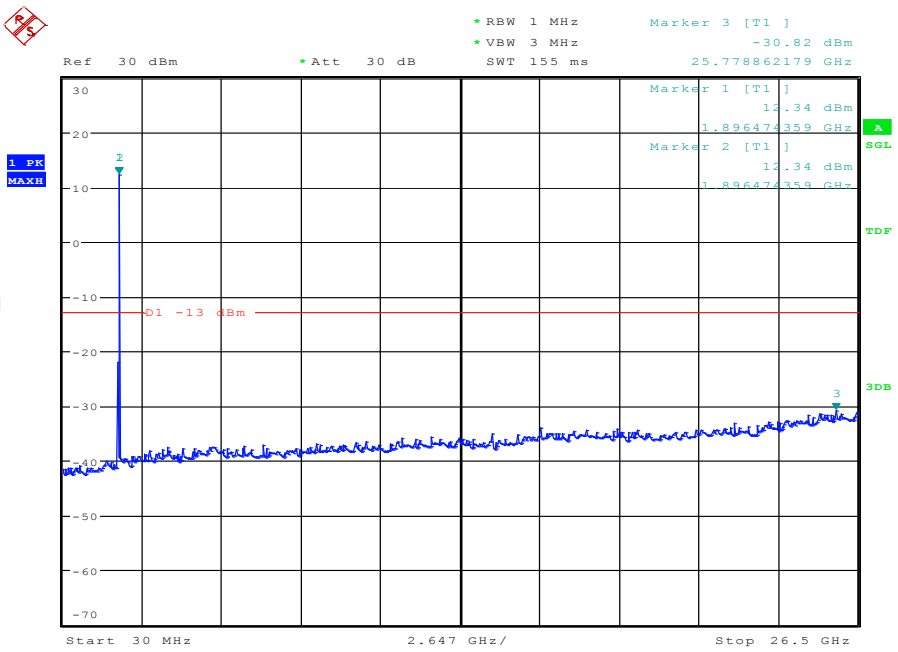
Date: 9.MAY.2017 20:49:13

BW10MHz-1905MHz,Q16-50RB_LOW@Pass



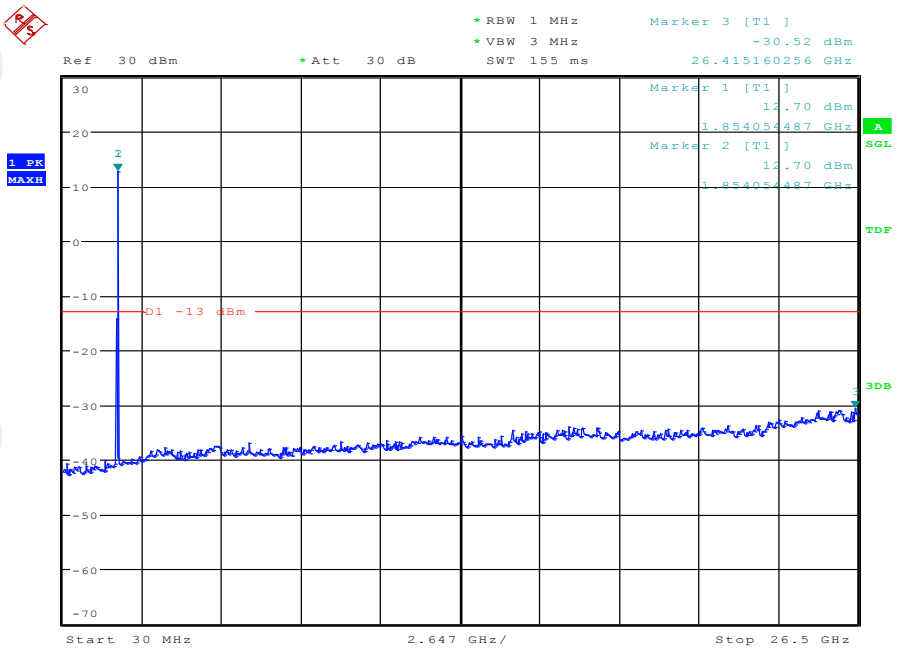
Date: 9.MAY.2017 20:48:55

BW10MHz-1905MHz,QPSK-50RB_LOW@Pass



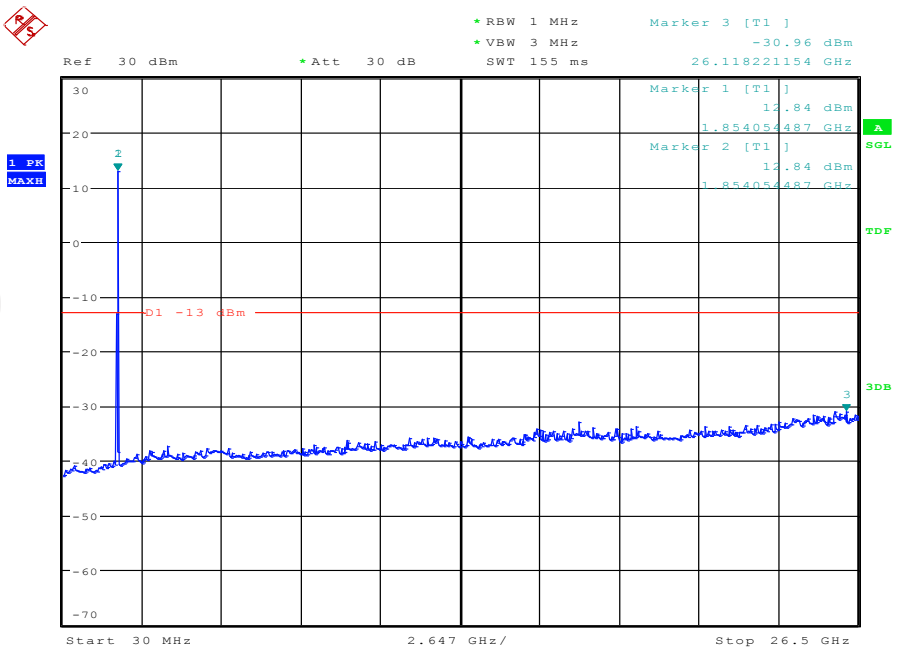
Date: 9.MAY.2017 20:48:38

BW15MHz-1857.5MHz,Q16-75RB_LOW@Pass



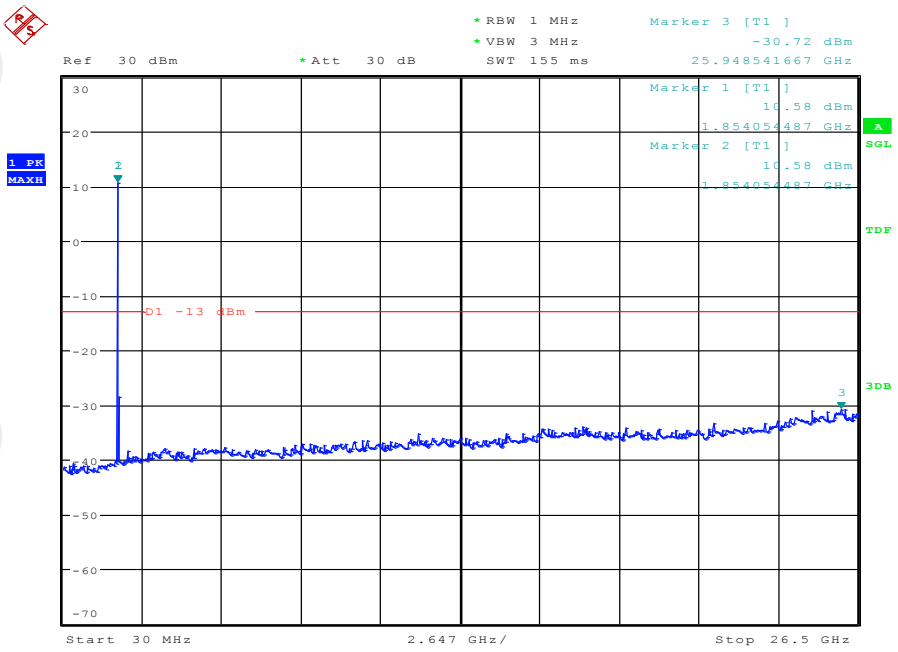
Date: 9.MAY.2017 20:50:12

BW15MHz-1857.5MHz,QPSK-75RB_LOW@Pass



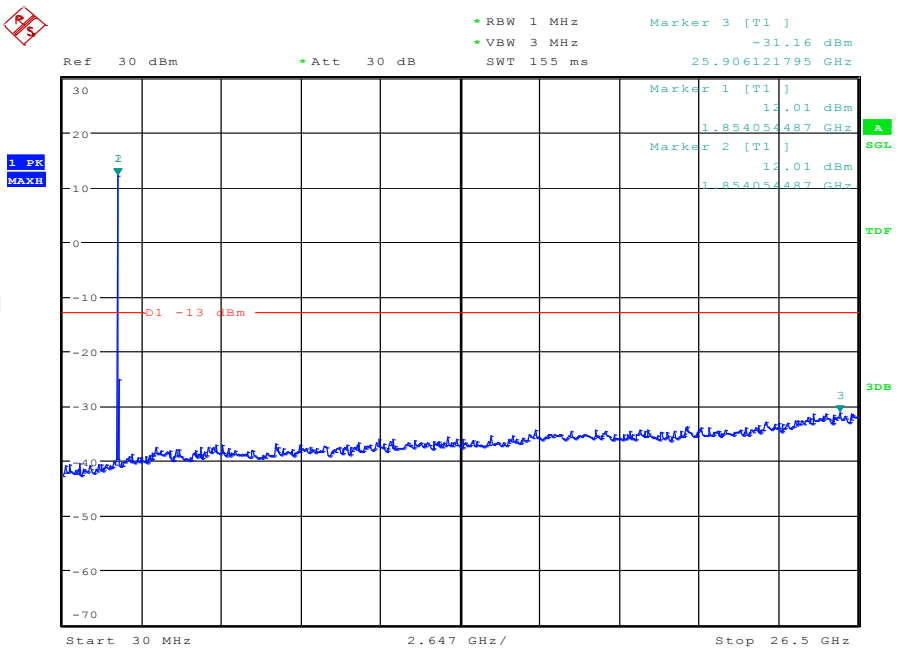
Date: 9.MAY.2017 20:49:53

BW15MHz-1880MHz,Q16-75RB_LOW@Pass



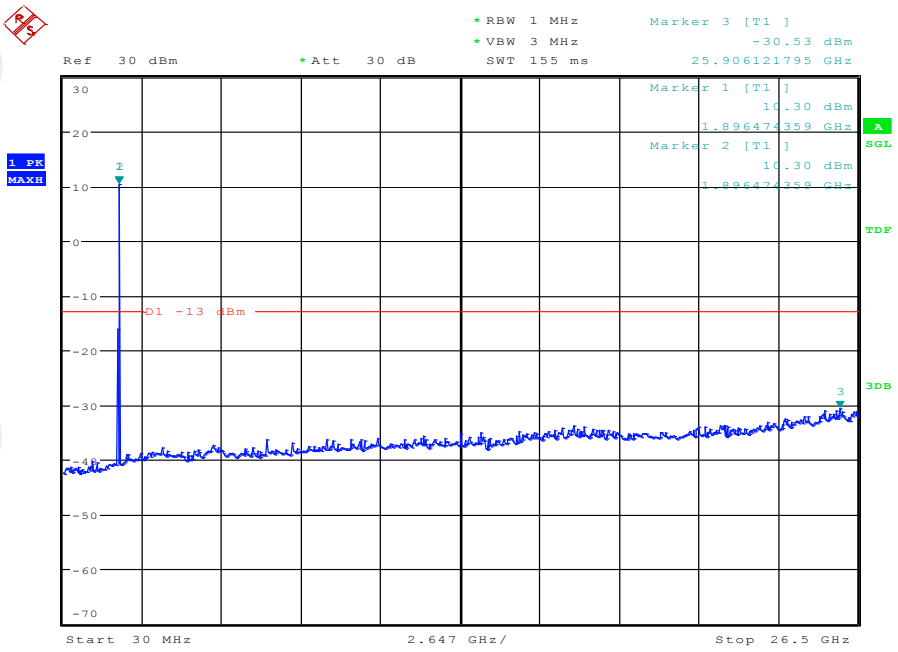
Date: 9.MAY.2017 20:51:32

BW15MHz-1880MHz,QPSK-75RB_LOW@Pass



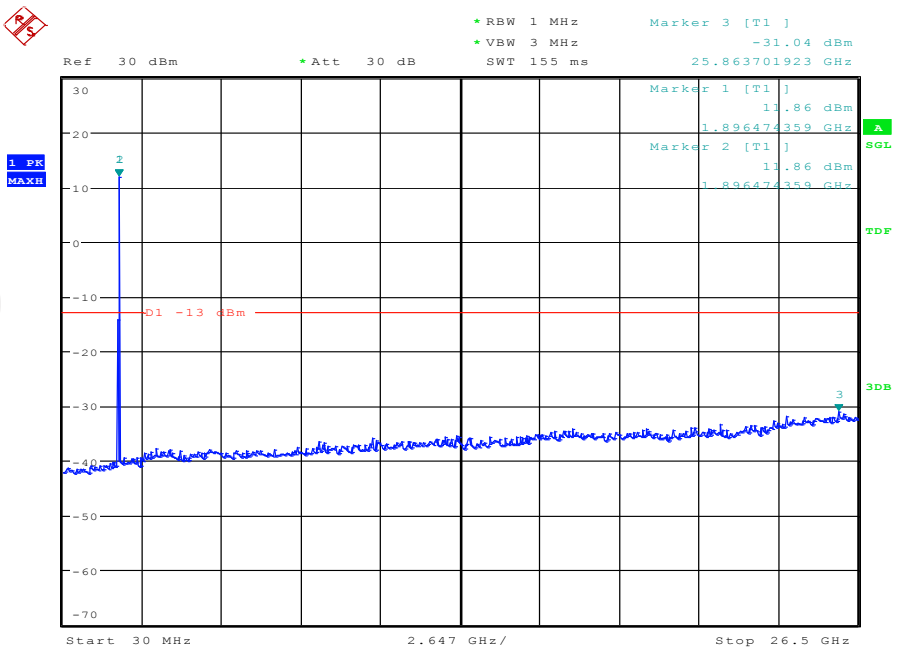
Date: 9.MAY.2017 20:51:12

BW15MHz-1902.5MHz,Q16-75RB_LOW@Pass



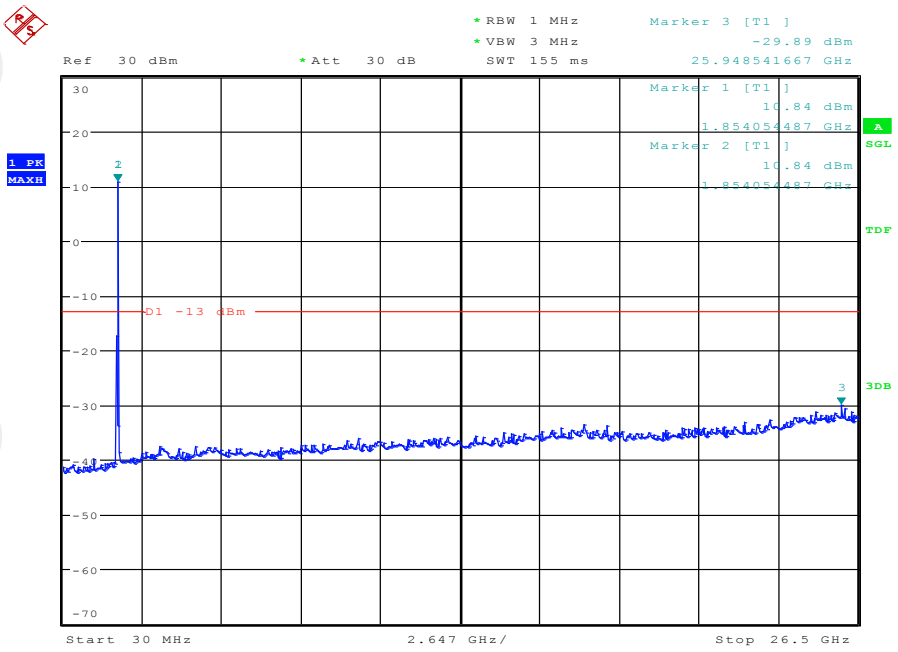
Date: 9.MAY.2017 20:50:52

BW15MHz-1902.5MHz,QPSK-75RB_LOW@Pass



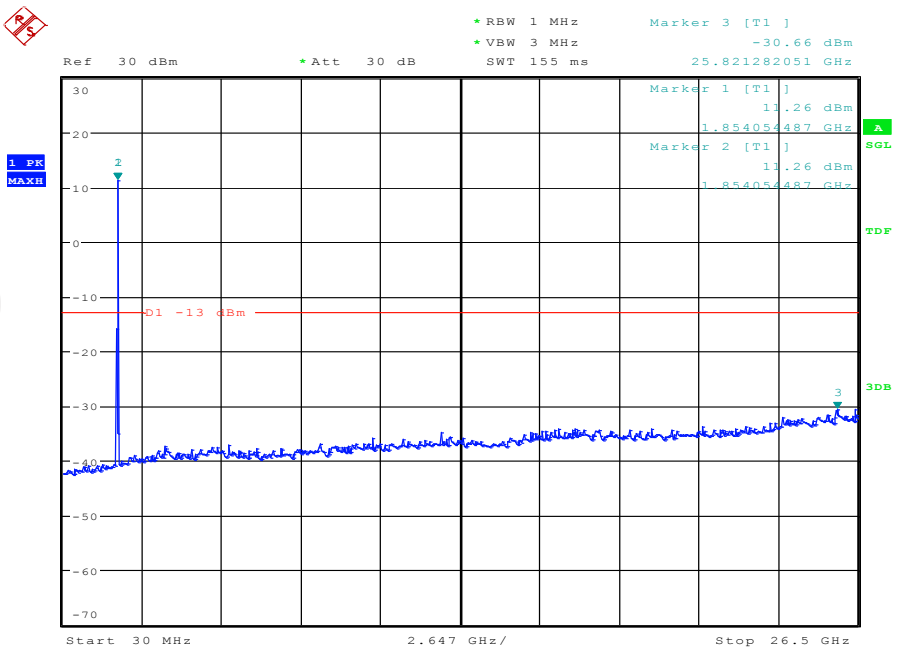
Date: 9.MAY.2017 20:50:32

BW20MHz-1860MHz,Q16-100RB_LOW@Pass



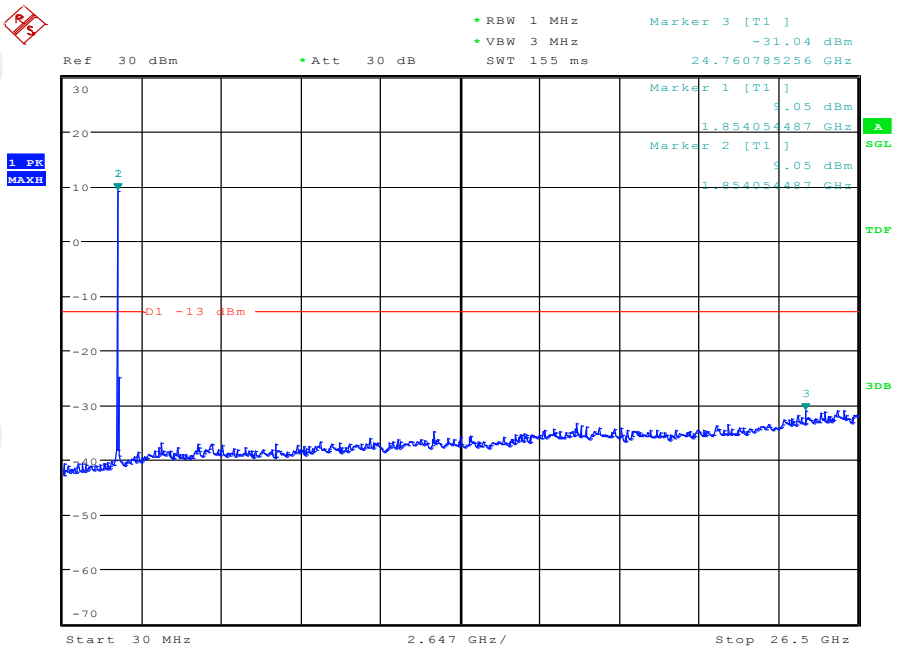
Date: 9.MAY.2017 20:52:14

BW20MHz-1860MHz,QPSK-100RB_LOW@Pass



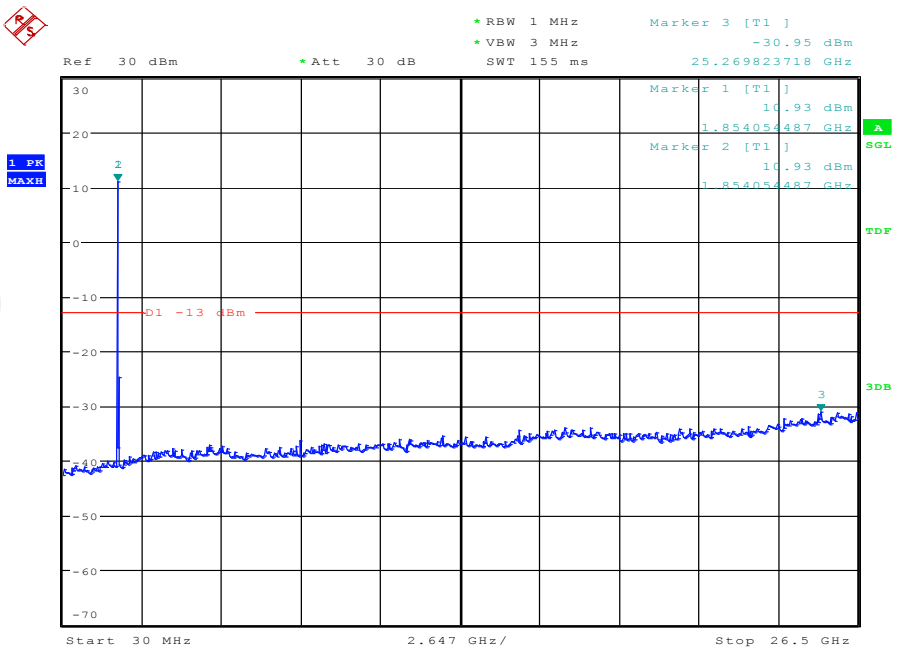
Date: 9.MAY.2017 20:51:54

BW20MHz-1880MHz,Q16-100RB_LOW@Pass



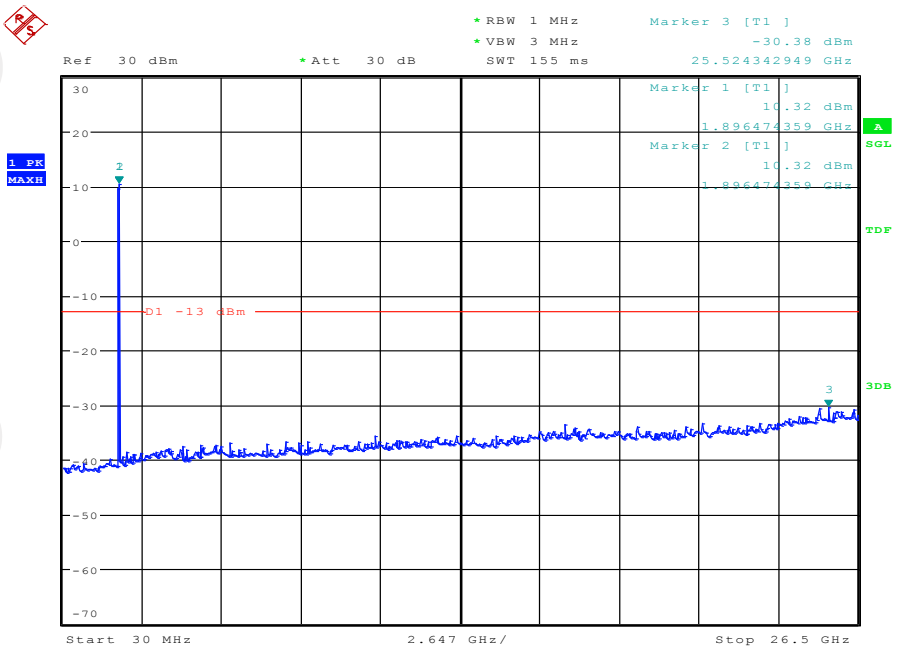
Date: 9.MAY.2017 20:53:34

BW20MHz-1880MHz,QPSK-100RB_LOW@Pass



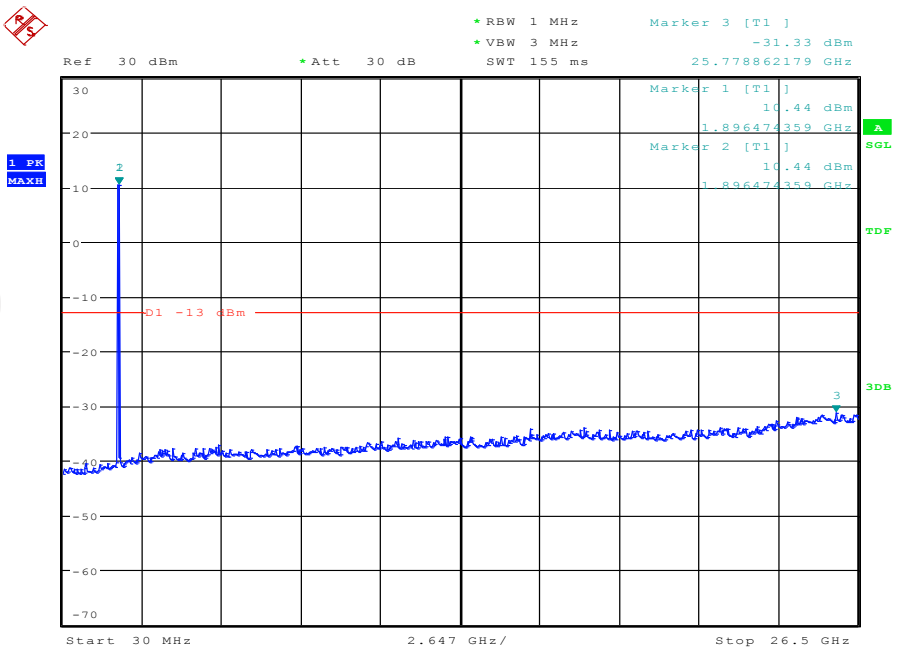
Date: 9.MAY.2017 20:53:15

BW20MHz-1900MHz,Q16-100RB_LOW@Pass



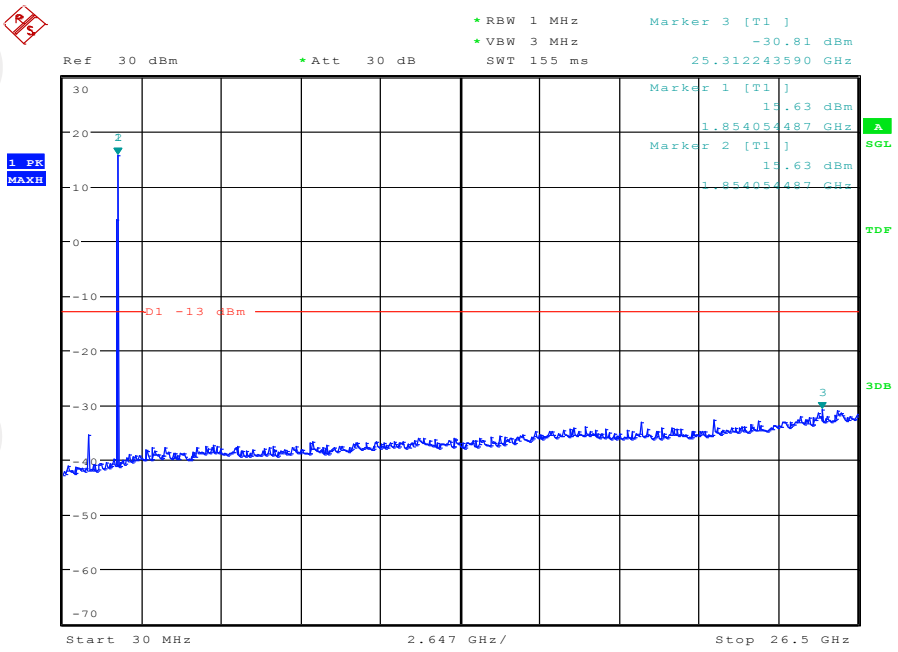
Date: 9.MAY.2017 20:52:54

BW20MHz-1900MHz,QPSK-100RB_LOW@Pass



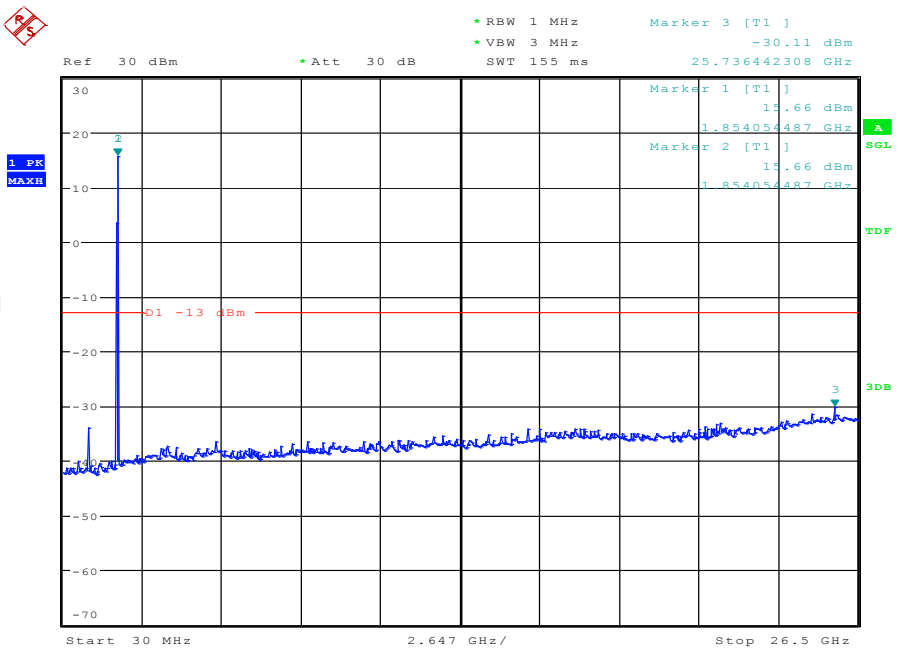
Date: 9.MAY.2017 20:52:34

BW3MHz-1851.5MHz,Q16-15RB_LOW@Pass



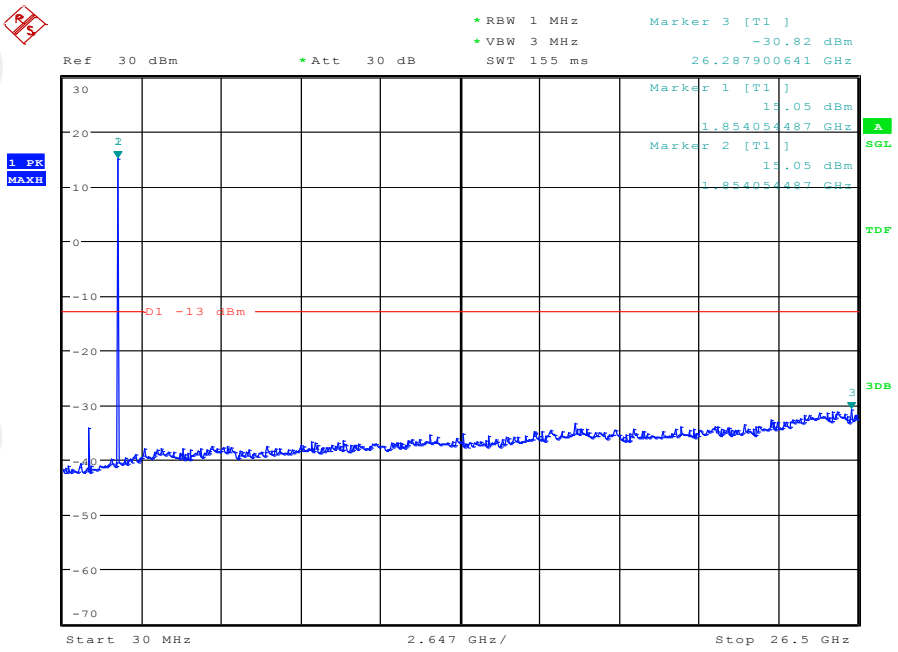
Date: 9.MAY.2017 20:44:51

BW3MHz-1851.5MHz,QPSK-15RB_LOW@Pass



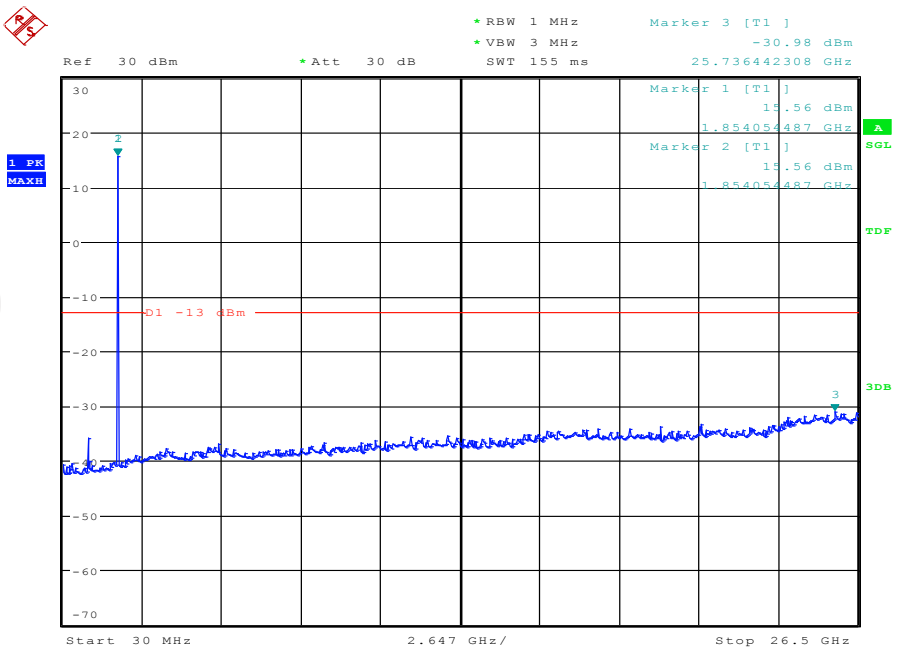
Date: 9.MAY.2017 20:44:36

BW3MHz-1880MHz,Q16-15RB_LOW@Pass



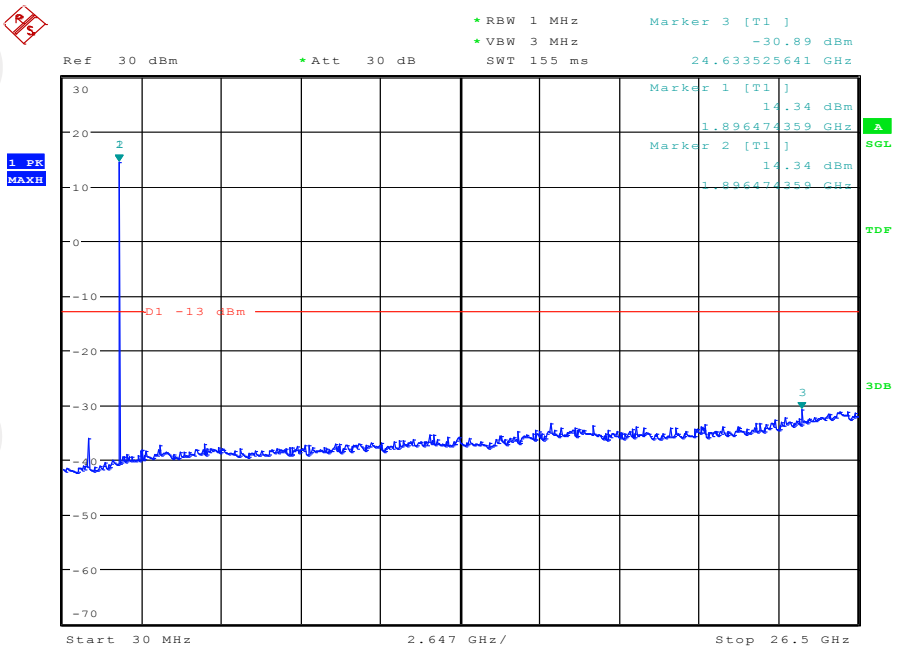
Date: 9.MAY.2017 20:45:56

BW3MHz-1880MHz,QPSK-15RB_LOW@Pass



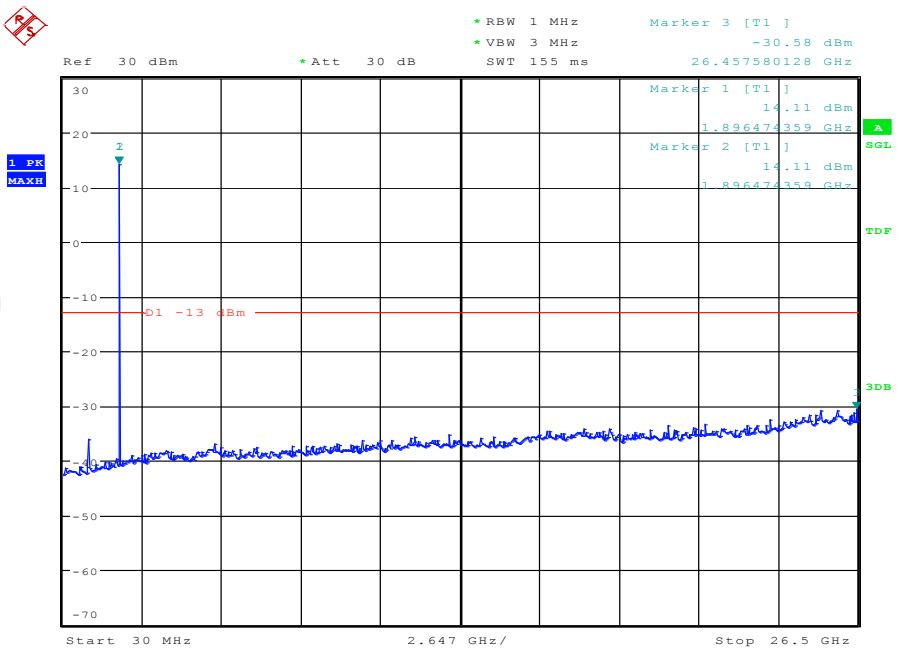
Date: 9.MAY.2017 20:45:40

BW3MHz-1908.5MHz,Q16-15RB_LOW@Pass



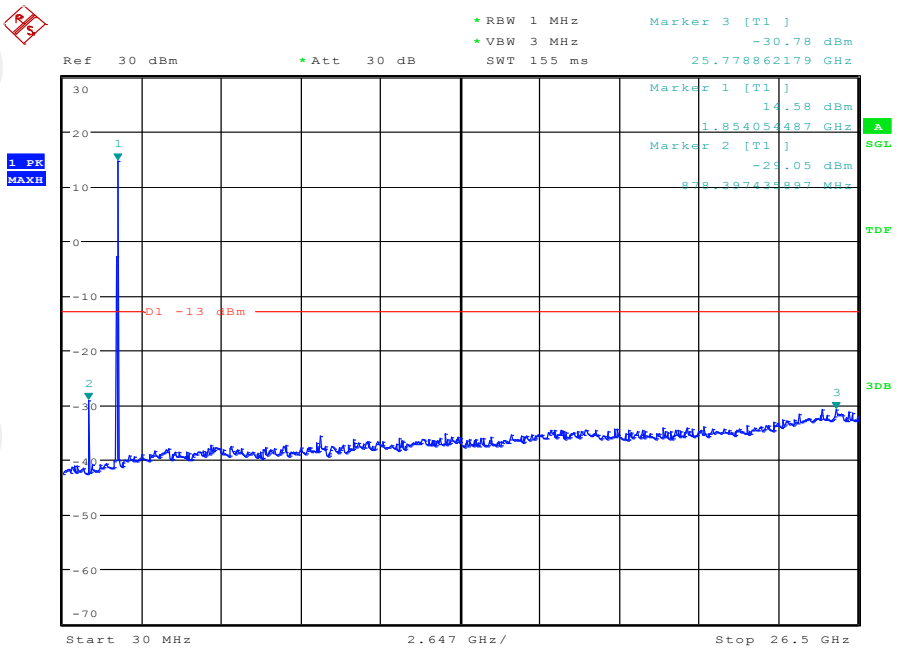
Date: 9.MAY.2017 20:45:23

BW3MHz-1908.5MHz,QPSK-15RB_LOW@Pass



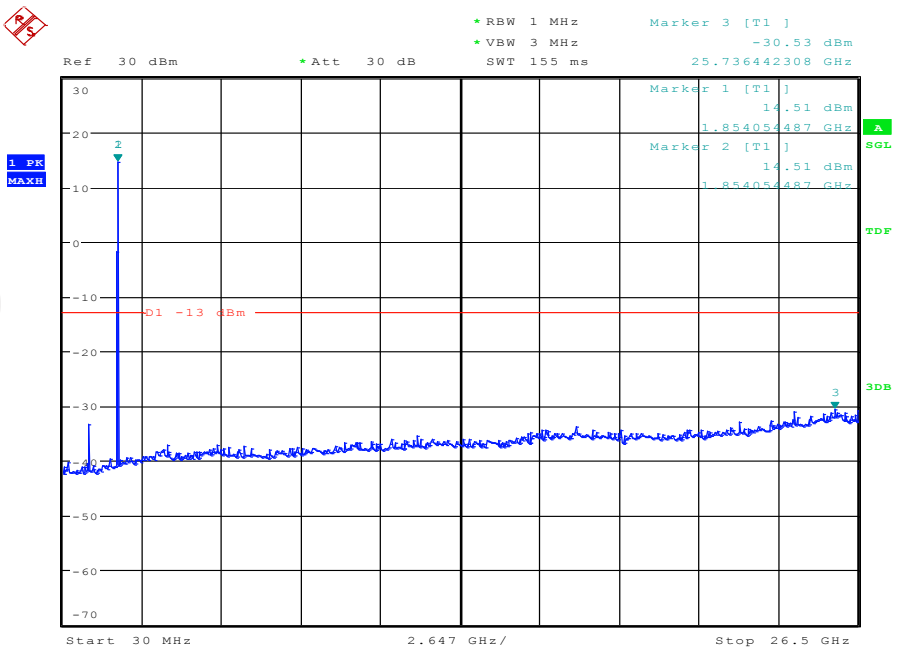
Date: 9.MAY.2017 20:45:07

BW5MHz-1852.5MHz,Q16-25RB_LOW@Pass



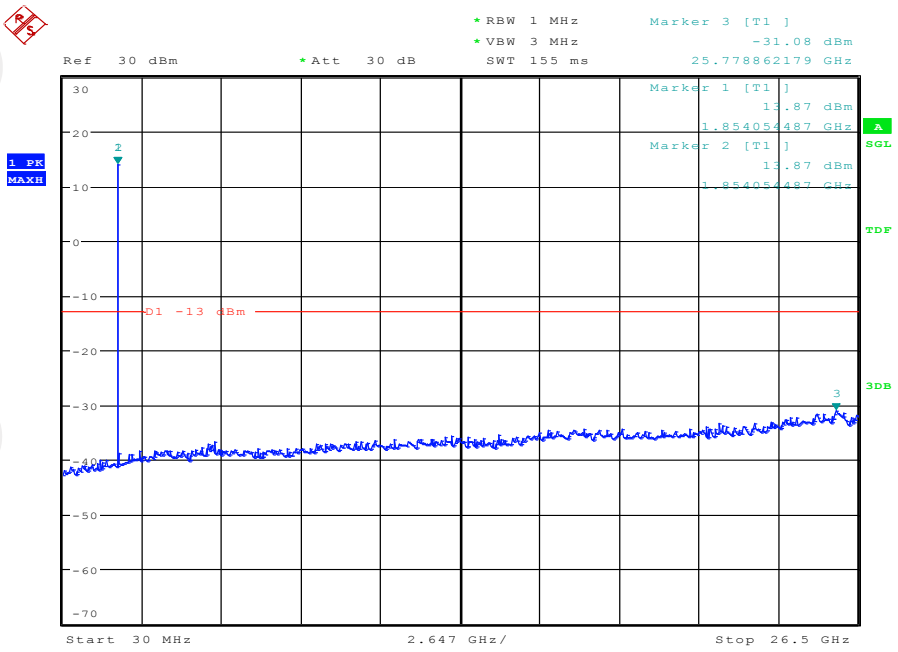
Date: 9.MAY.2017 20:46:33

BW5MHz-1852.5MHz,QPSK-25RB_LOW@Pass



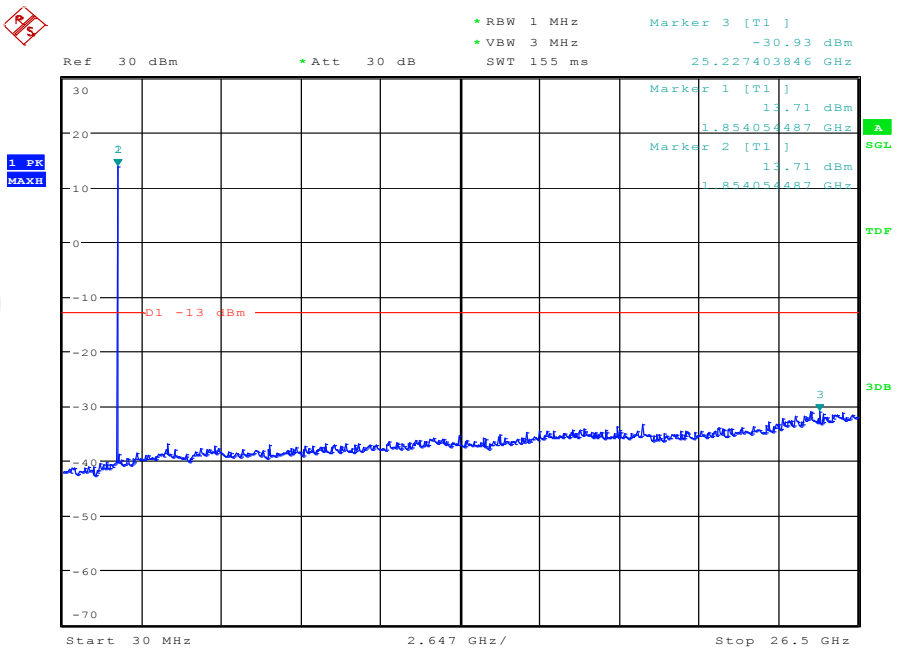
Date: 9.MAY.2017 20:46:16

BW5MHz-1880MHz,Q16-25RB_LOW@Pass



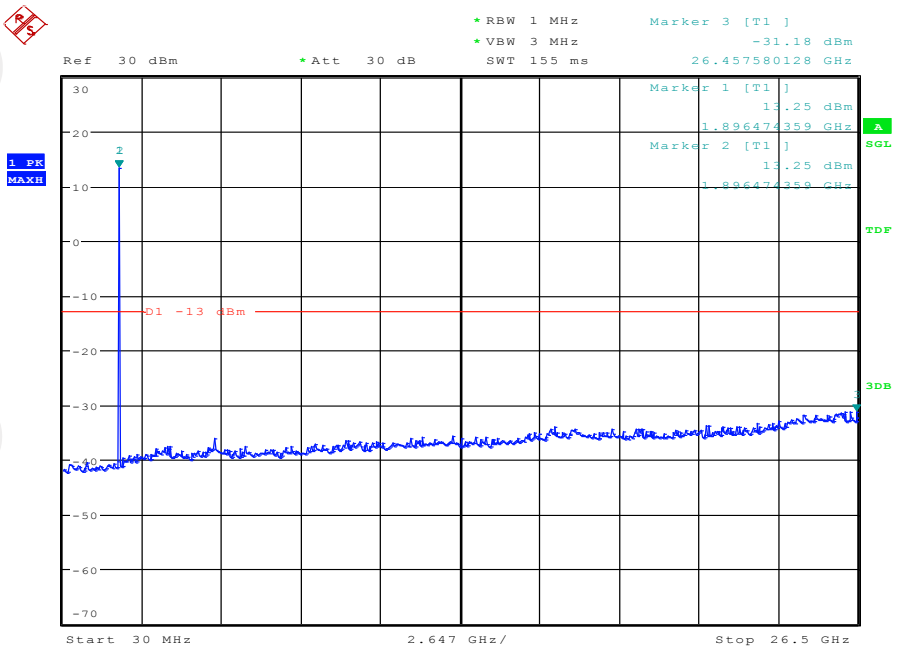
Date: 9.MAY.2017 20:47:42

BW5MHz-1880MHz,QPSK-25RB_LOW@Pass



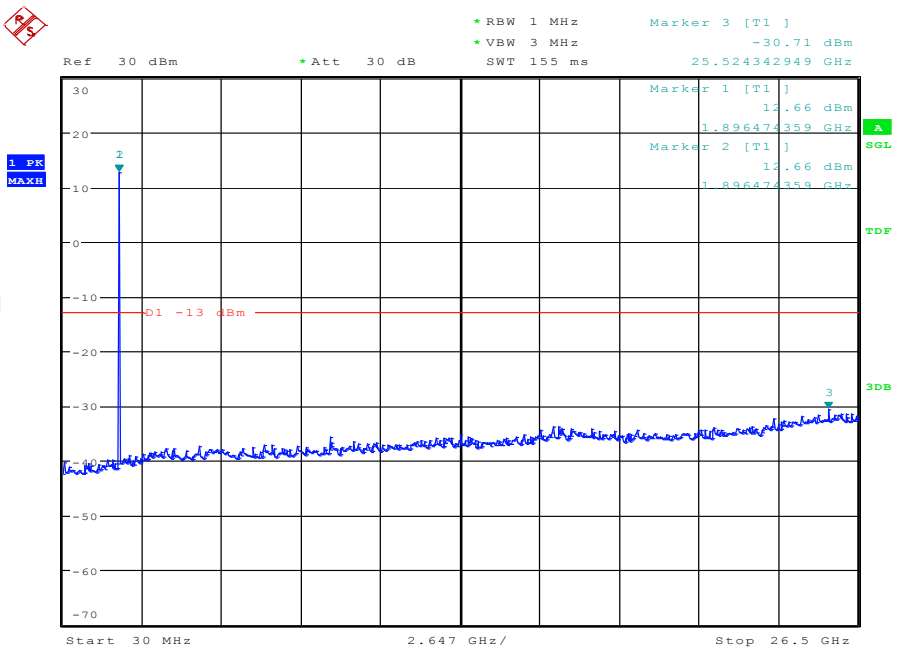
Date: 9.MAY.2017 20:47:25

BW5MHz-1907.5MHz,Q16-25RB_LOW@Pass



Date: 9.MAY.2017 20:47:07

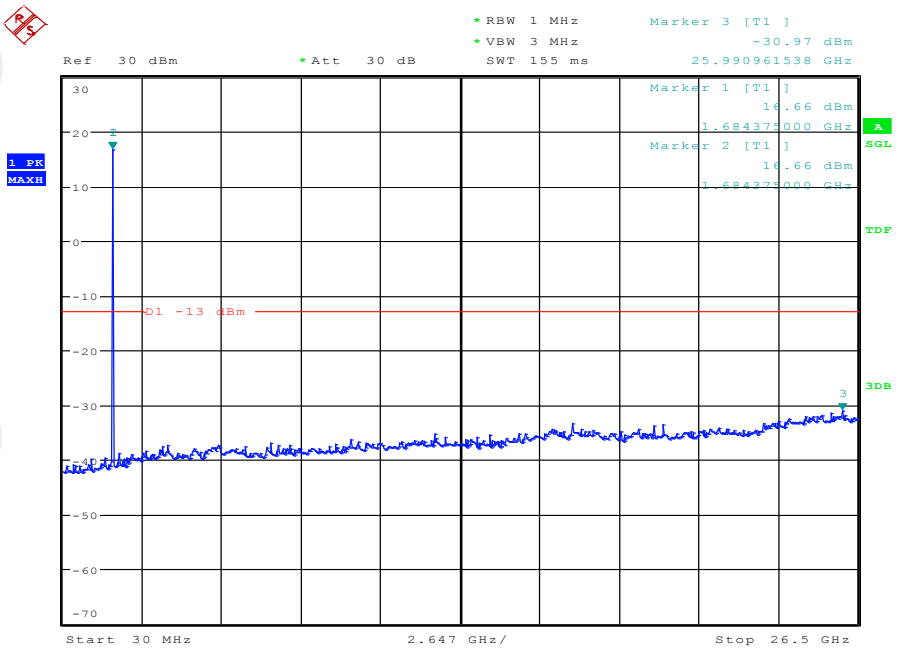
BW5MHz-1907.5MHz,QPSK-25RB_LOW@Pass



Date: 9.MAY.2017 20:46:51

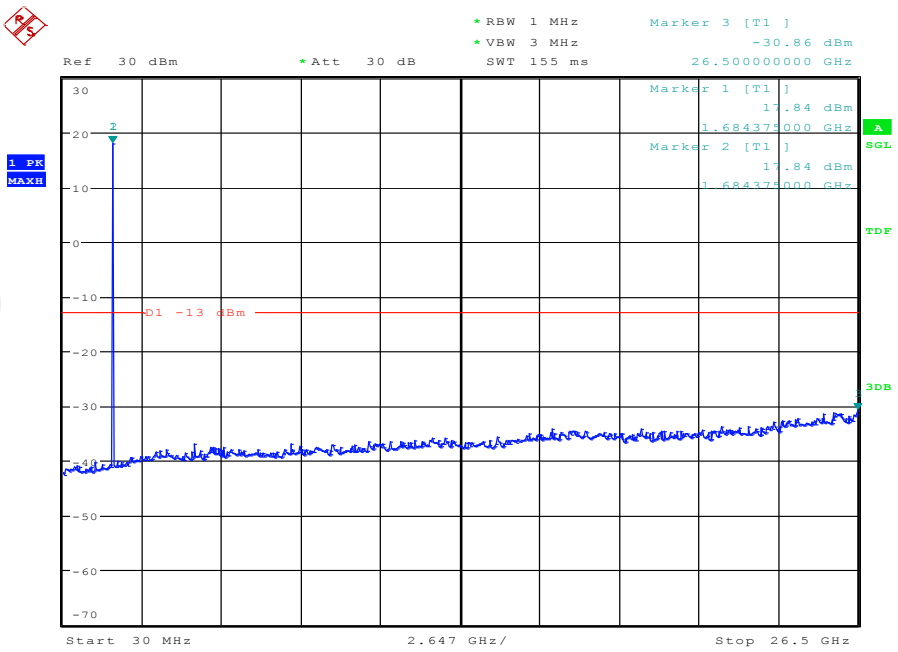
BAND 4@Conducted Spurious Emission

BW1.4MHz-1710.7MHz,Q16-6RB_LOW@Pass



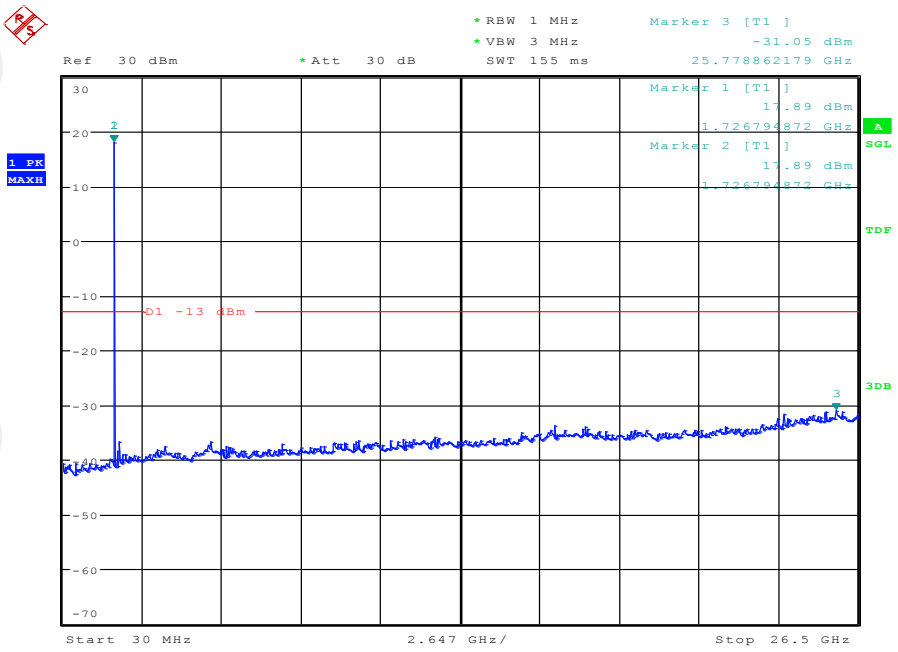
Date: 10.MAY.2017 19:16:43

BW1.4MHz-1710.7MHz,QPSK-6RB_LOW@Pass



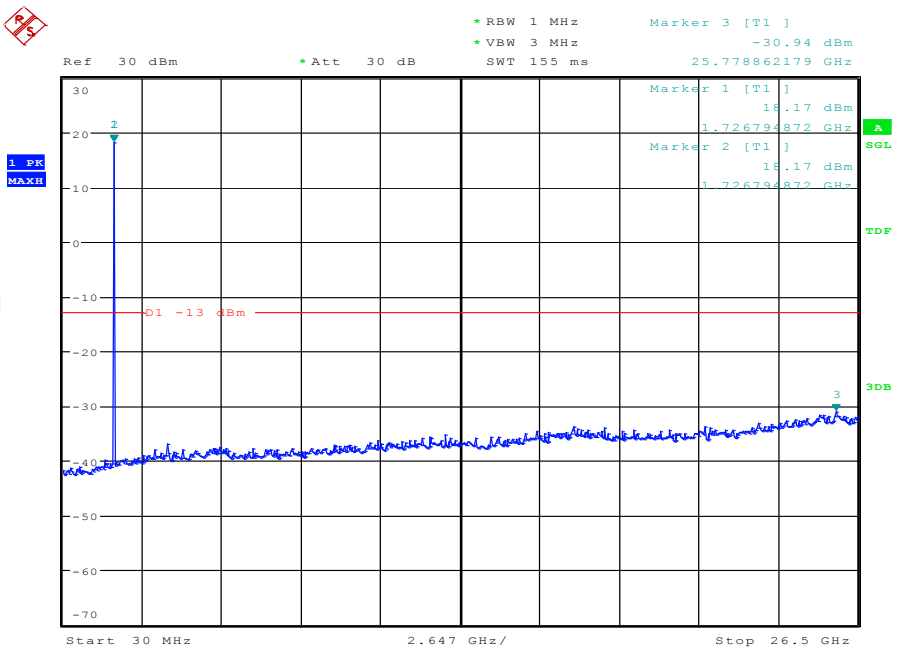
Date: 10.MAY.2017 19:16:26

BW1.4MHz-1732.5MHz,Q16-6RB_LOW@Pass



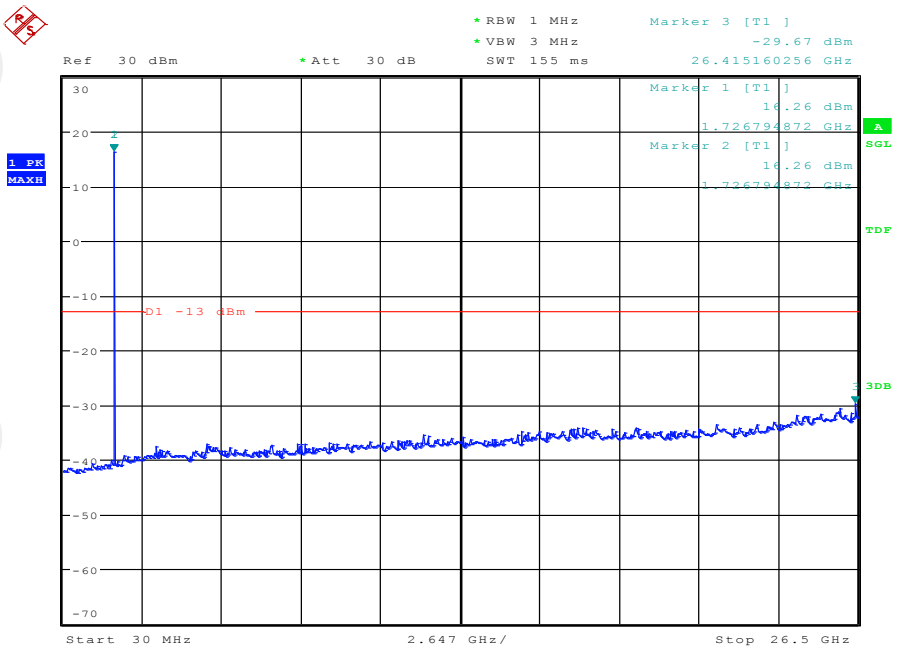
Date: 10.MAY.2017 19:17:49

BW1.4MHz-1732.5MHz,QPSK-6RB_LOW@Pass



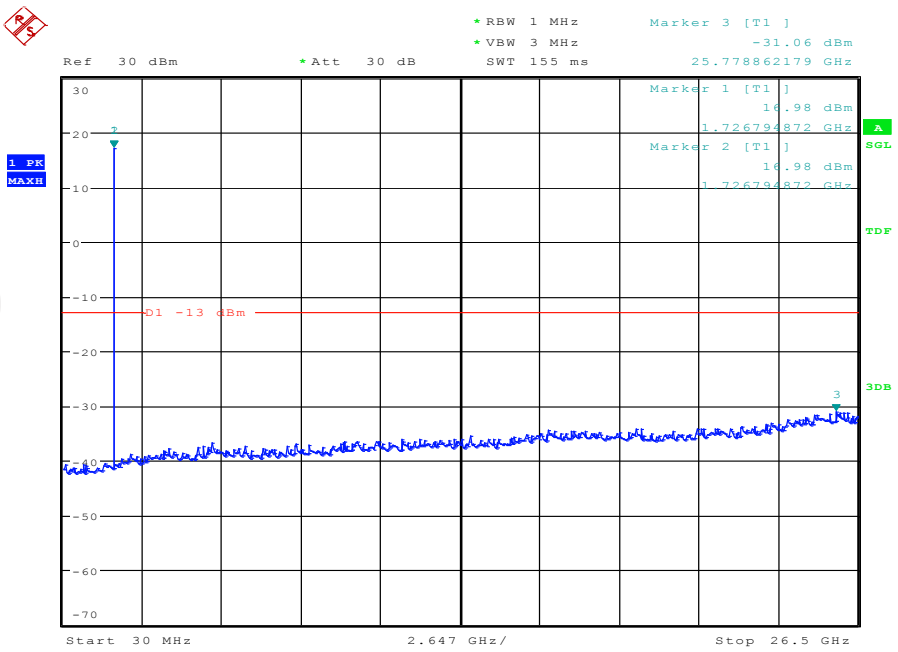
Date: 10.MAY.2017 19:17:33

BW1.4MHz-1754.3MHz,Q16-6RB_LOW@Pass



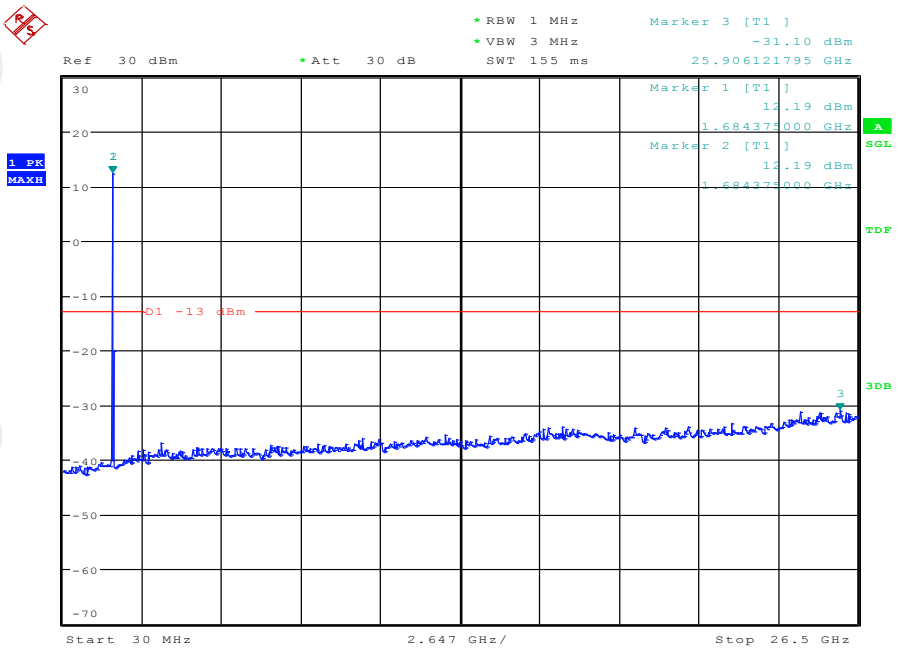
Date: 10.MAY.2017 19:17:17

BW1.4MHz-1754.3MHz,QPSK-6RB_LOW@Pass



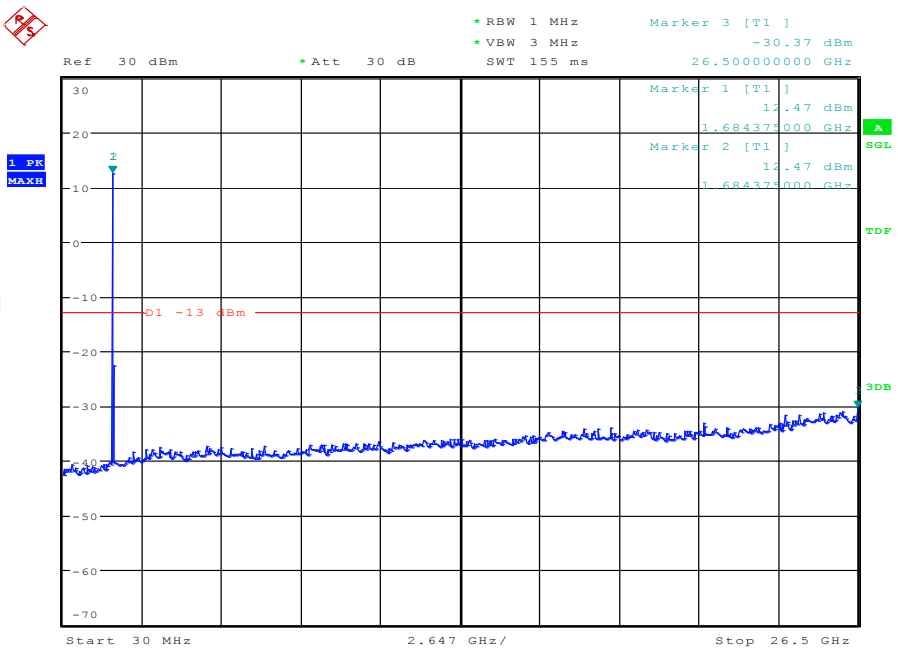
Date: 10.MAY.2017 19:17:00

BW10MHz-1715MHz,Q16-50RB_LOW@Pass



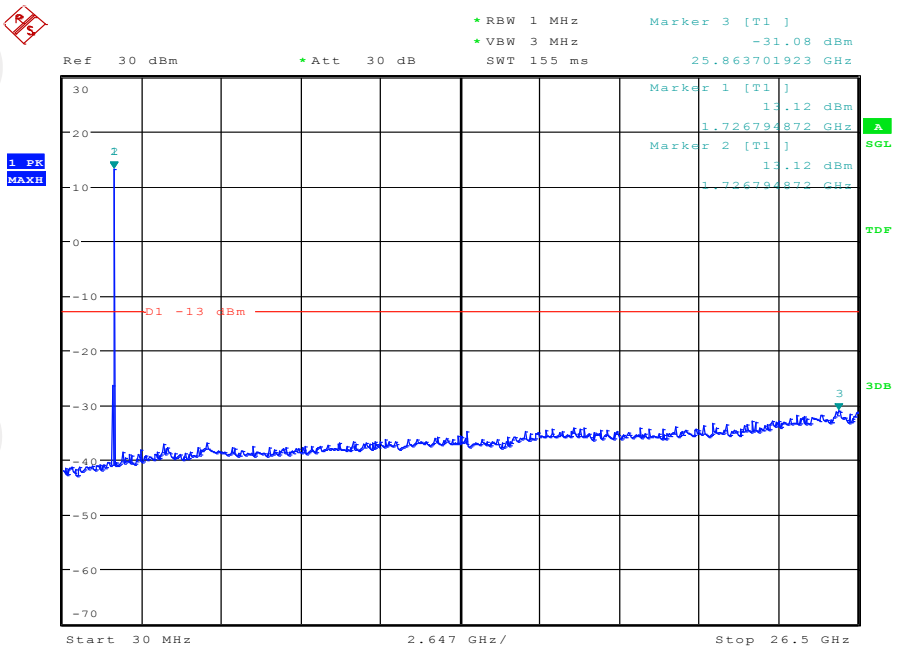
Date: 10.MAY.2017 19:21:43

BW10MHz-1715MHz,QPSK-50RB_LOW@Pass



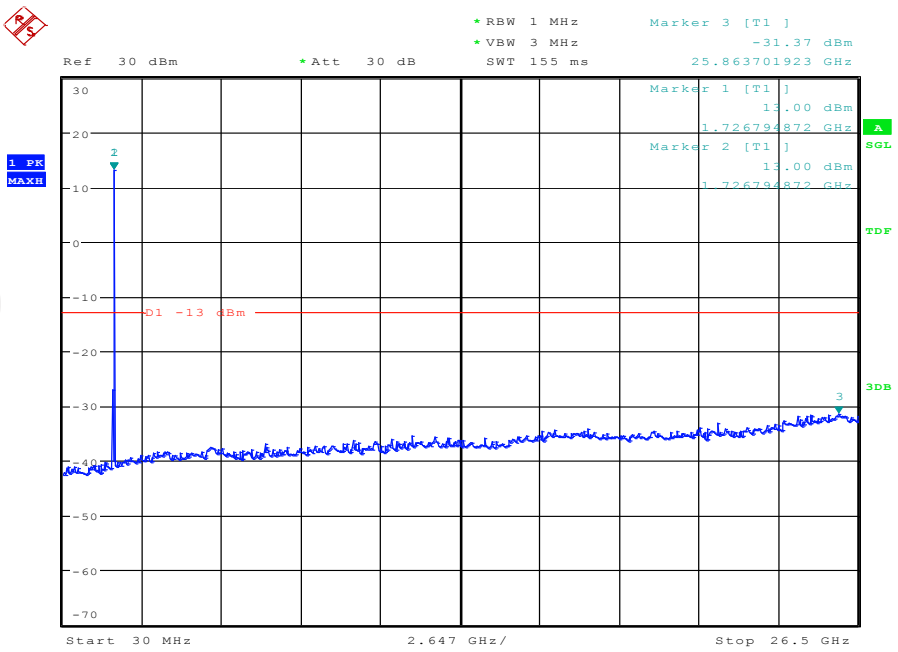
Date: 10.MAY.2017 19:21:27

BW10MHz-1732.5MHz,Q16-50RB_LOW@Pass



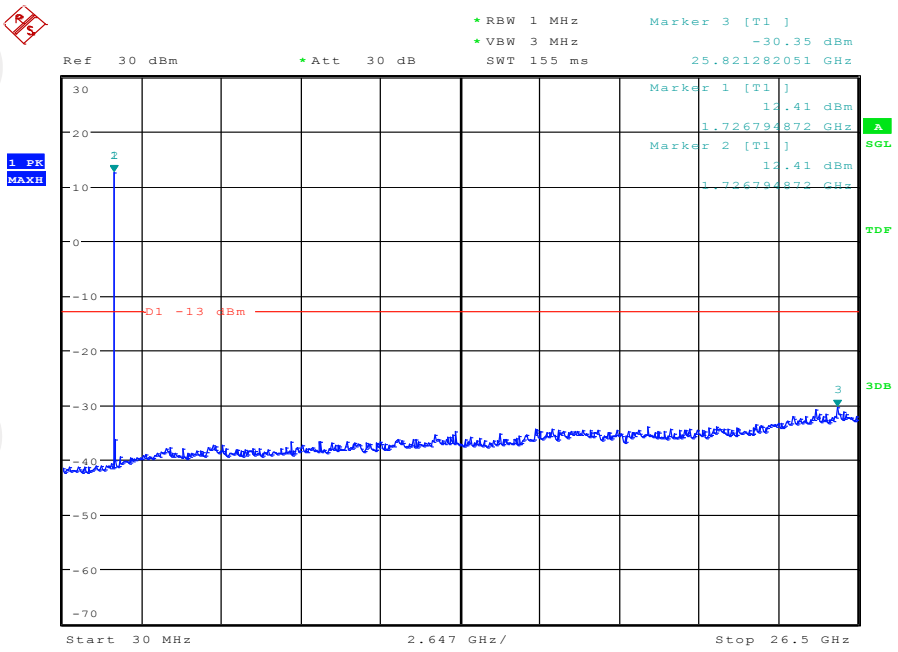
Date: 10.MAY.2017 19:22:51

BW10MHz-1732.5MHz,QPSK-50RB_LOW@Pass



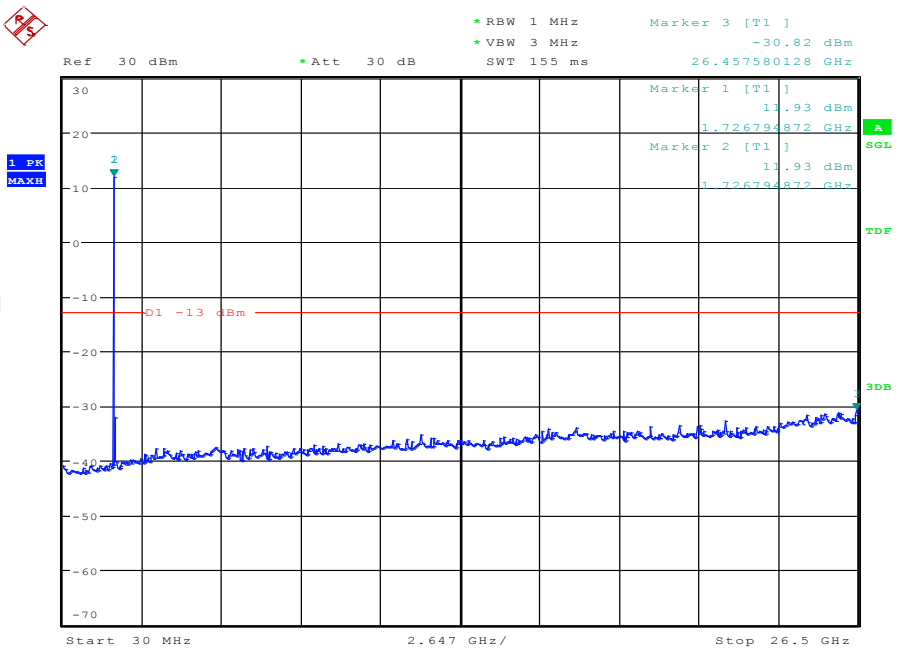
Date: 10.MAY.2017 19:22:35

BW10MHz-1750MHz,Q16-50RB_LOW@Pass



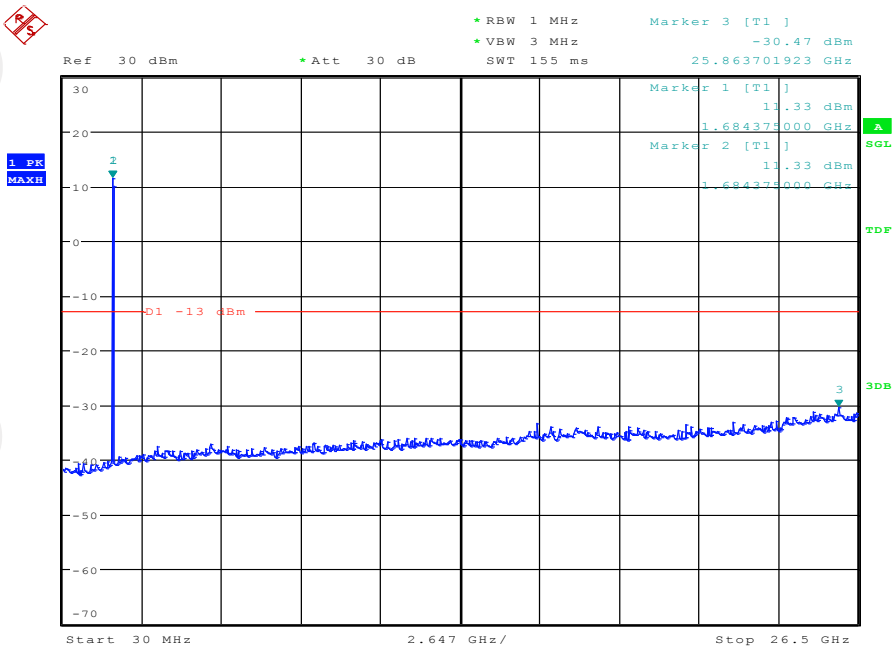
Date: 10.MAY.2017 19:22:17

BW10MHz-1750MHz,QPSK-50RB_LOW@Pass



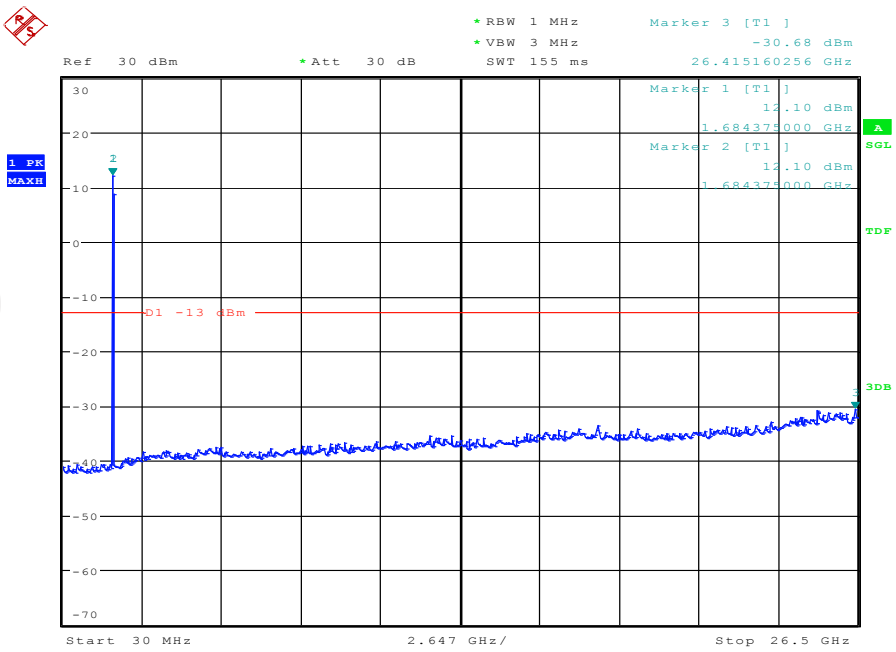
Date: 10.MAY.2017 19:22:01

BW15MHz-1717.5MHz,Q16-75RB_LOW@Pass



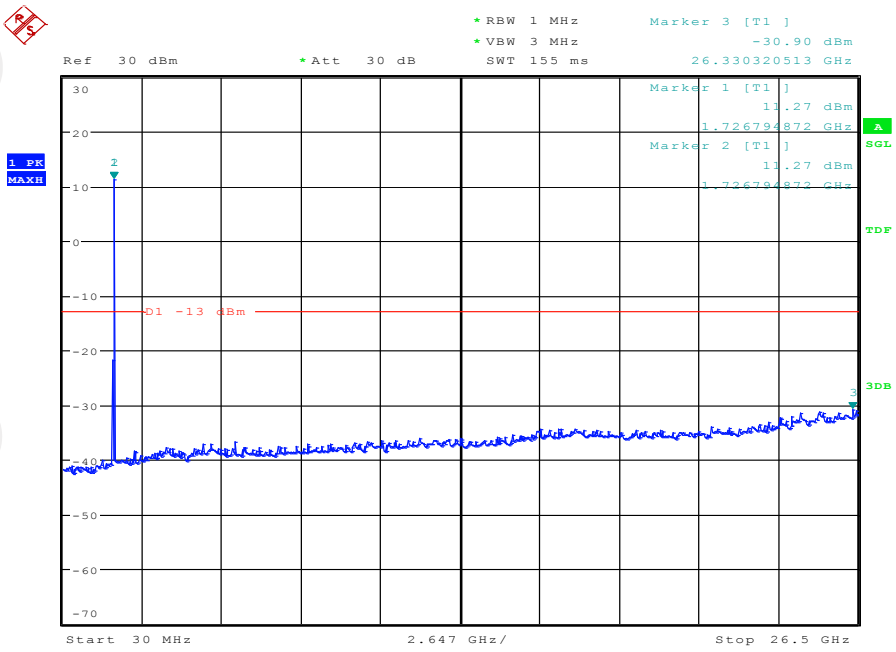
Date: 10.MAY.2017 19:23:31

BW15MHz-1717.5MHz,QPSK-75RB_LOW@Pass



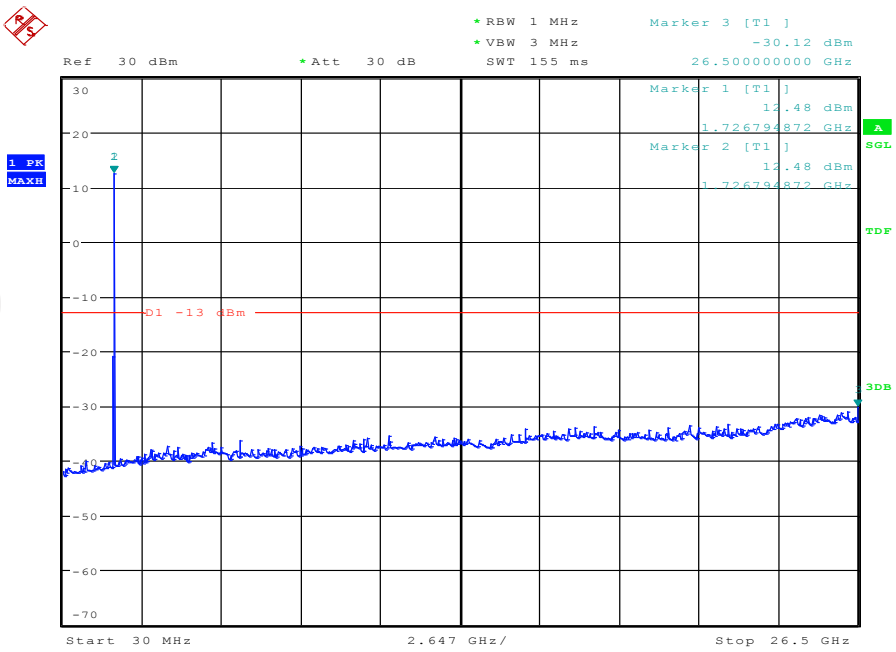
Date: 10.MAY.2017 19:23:13

BW15MHz-1732.5MHz,Q16-75RB_LOW@Pass



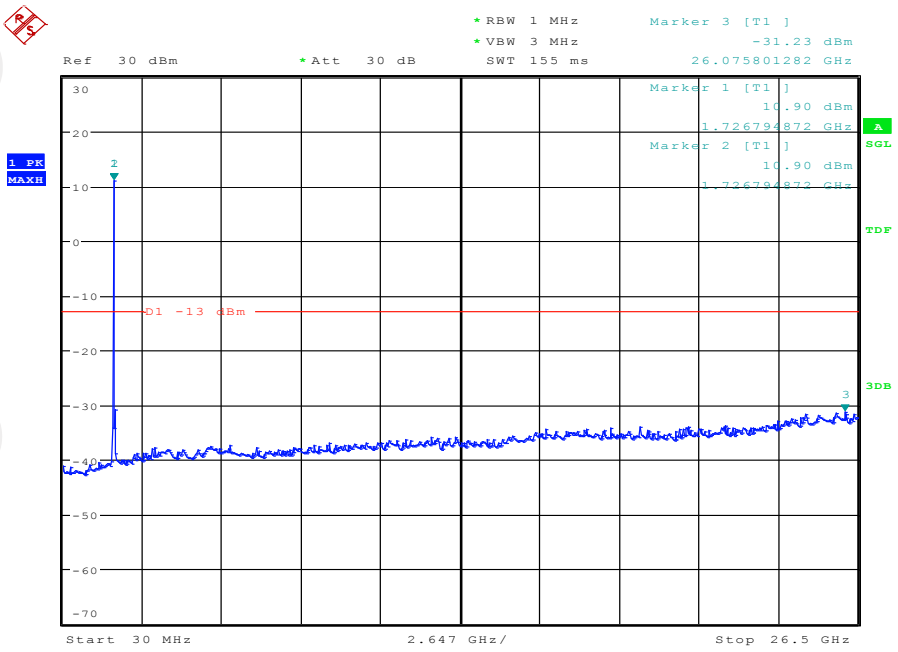
Date: 10.MAY.2017 19:24:48

BW15MHz-1732.5MHz,QPSK-75RB_LOW@Pass



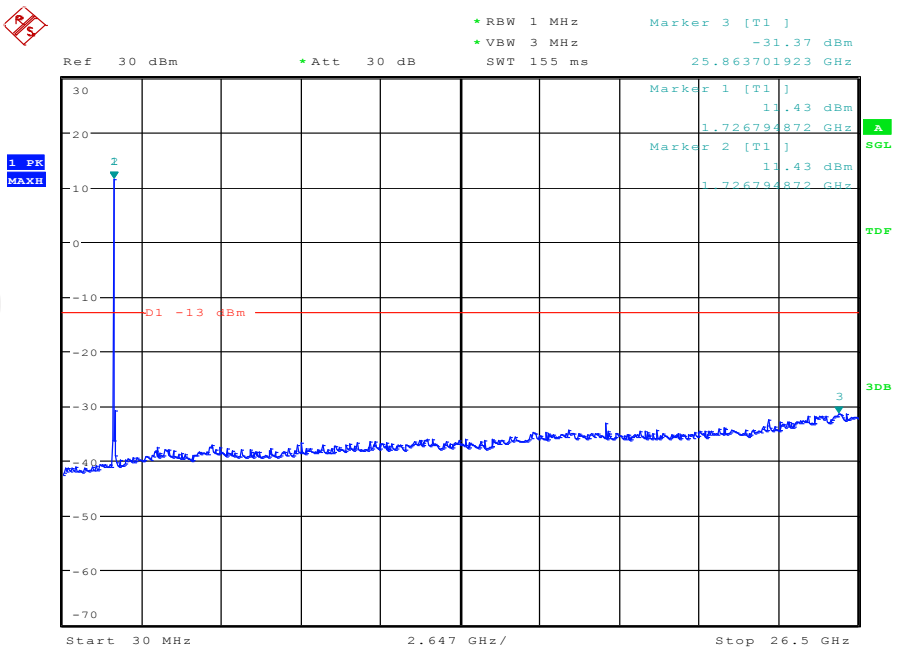
Date: 10.MAY.2017 19:24:29

BW15MHz-1747.5MHz,Q16-75RB_LOW@Pass



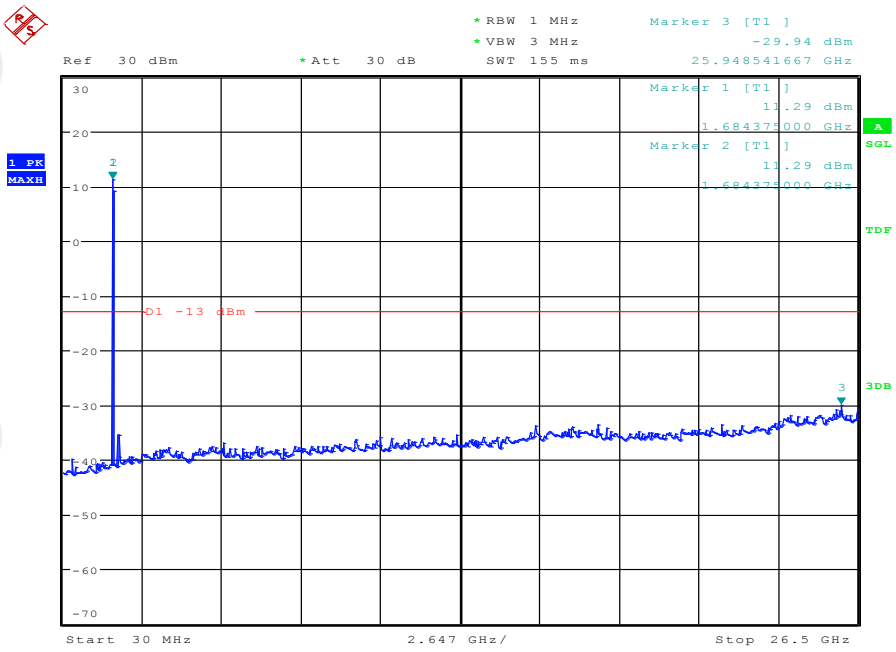
Date: 10.MAY.2017 19:24:10

BW15MHz-1747.5MHz,QPSK-75RB_LOW@Pass



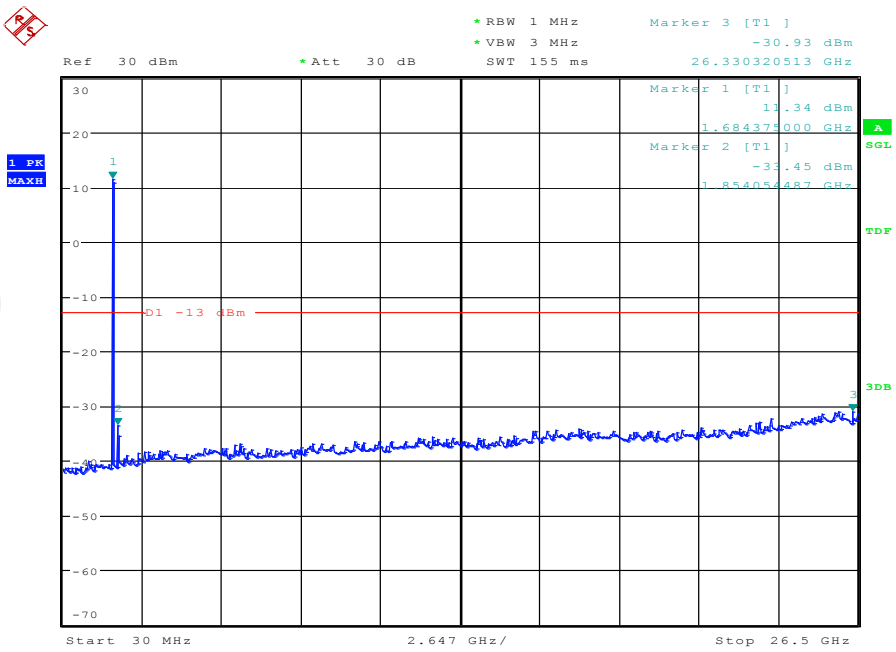
Date: 10.MAY.2017 19:23:51

BW20MHz-1720MHz,Q16-100RB_LOW@Pass



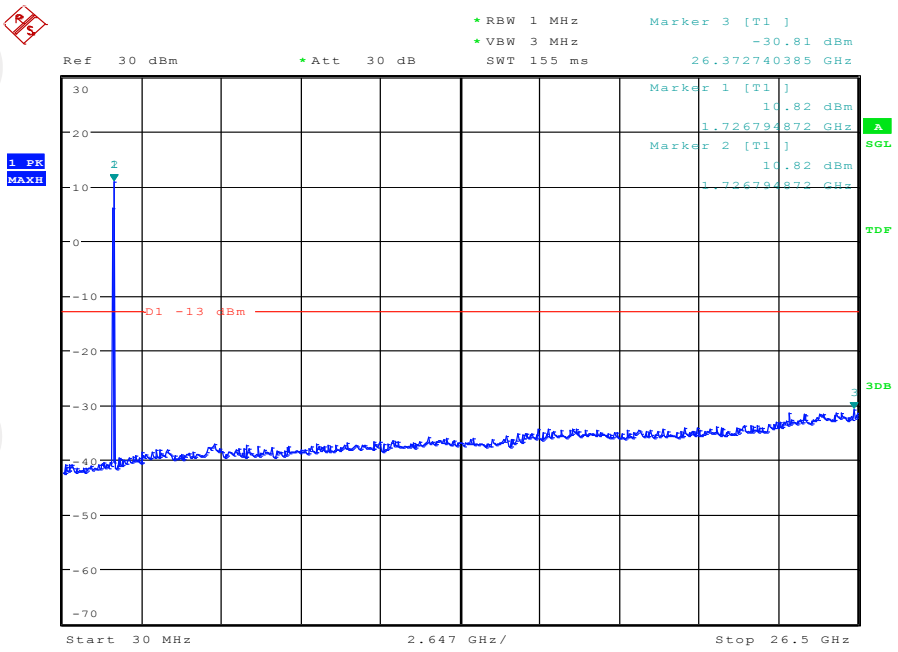
Date: 10.MAY.2017 19:25:28

BW20MHz-1720MHz,QPSK-100RB_LOW@Pass



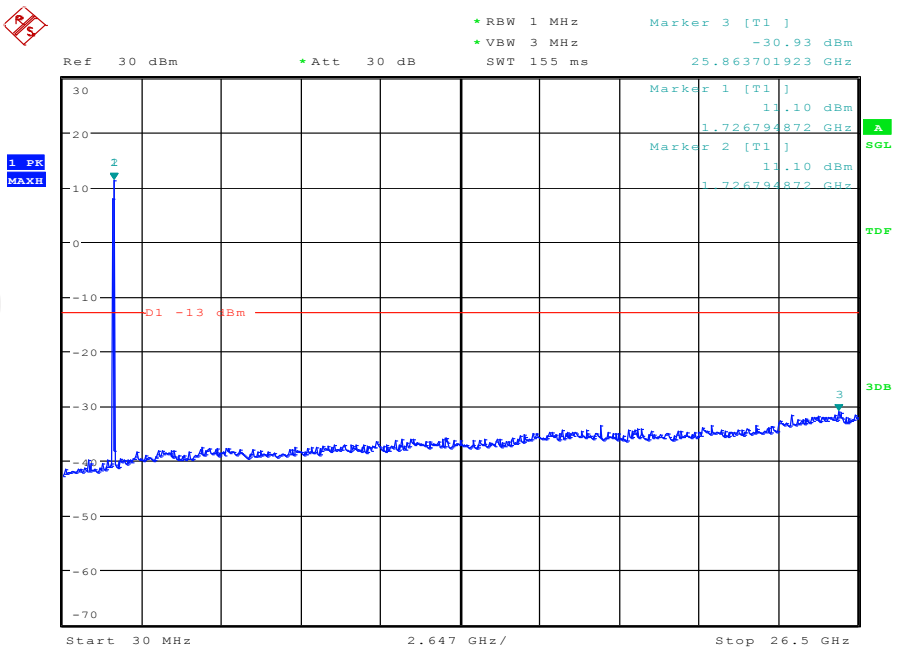
Date: 10.MAY.2017 19:25:09

BW20MHz-1732.5MHz,Q16-100RB_LOW@Pass



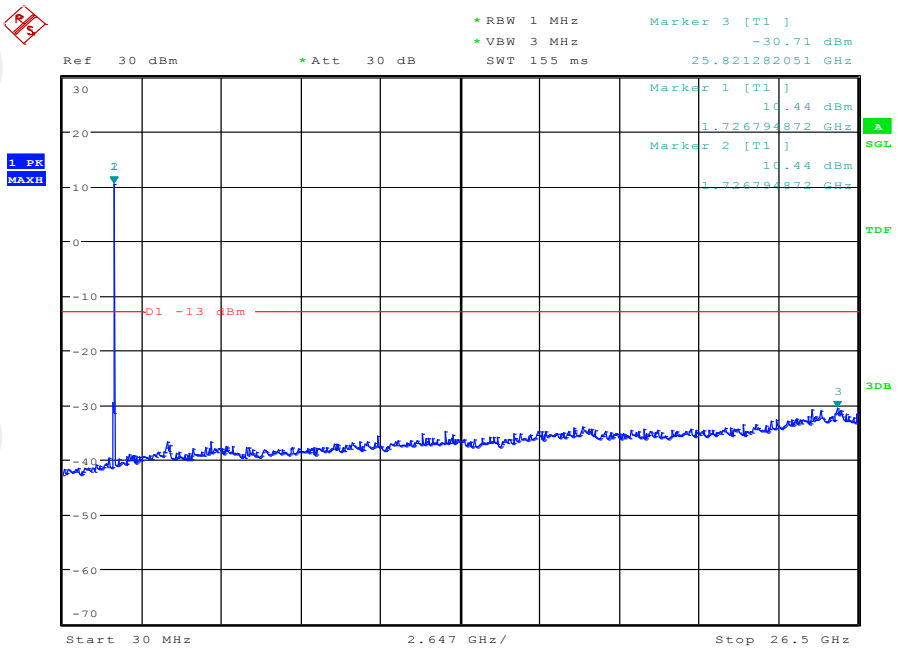
Date: 10.MAY.2017 19:26:45

BW20MHz-1732.5MHz,QPSK-100RB_LOW@Pass



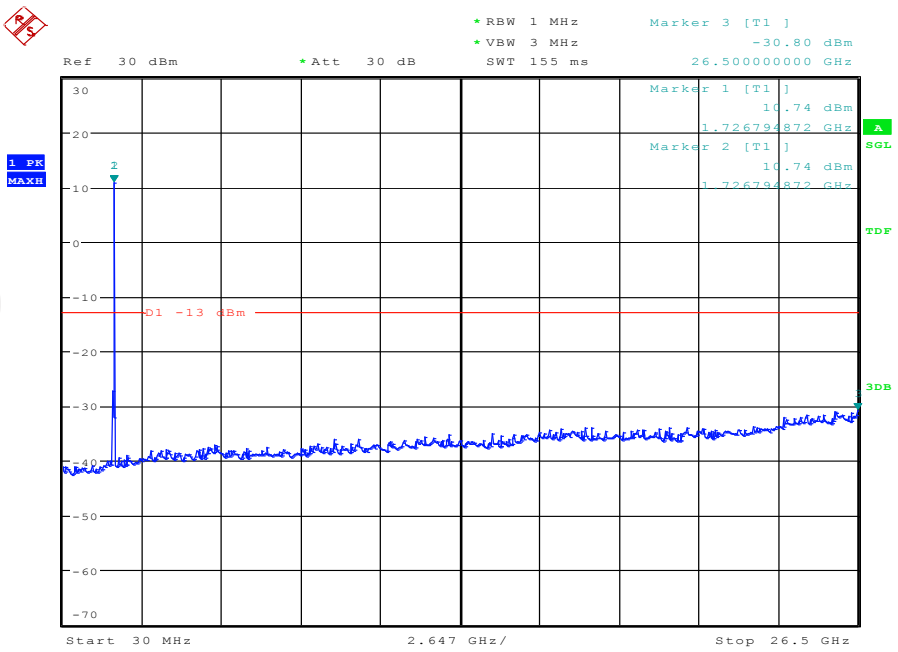
Date: 10.MAY.2017 19:26:26

BW20MHz-1745MHz,Q16-100RB_LOW@Pass



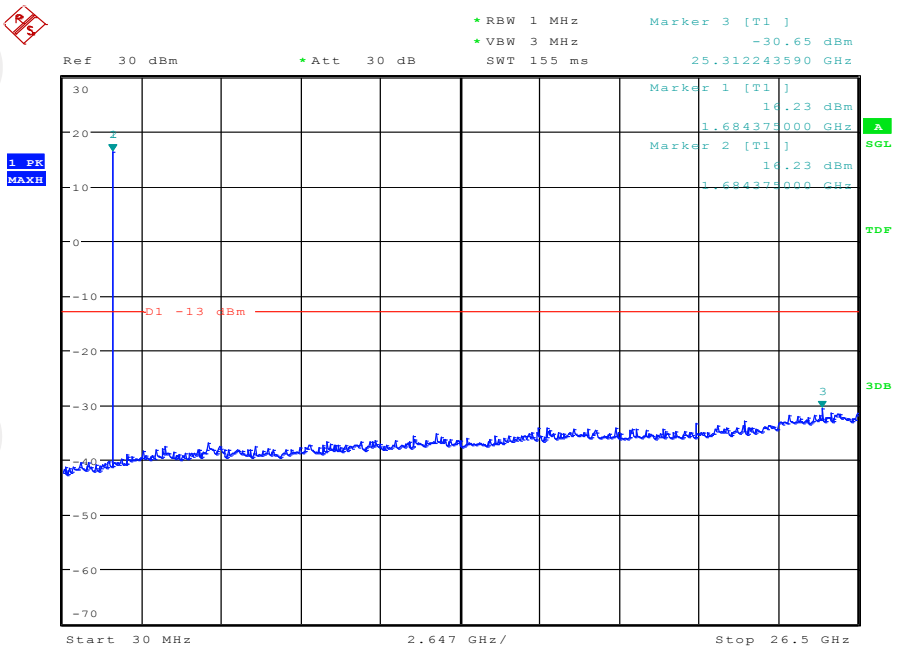
Date: 10.MAY.2017 19:26:06

BW20MHz-1745MHz,QPSK-100RB_LOW@Pass



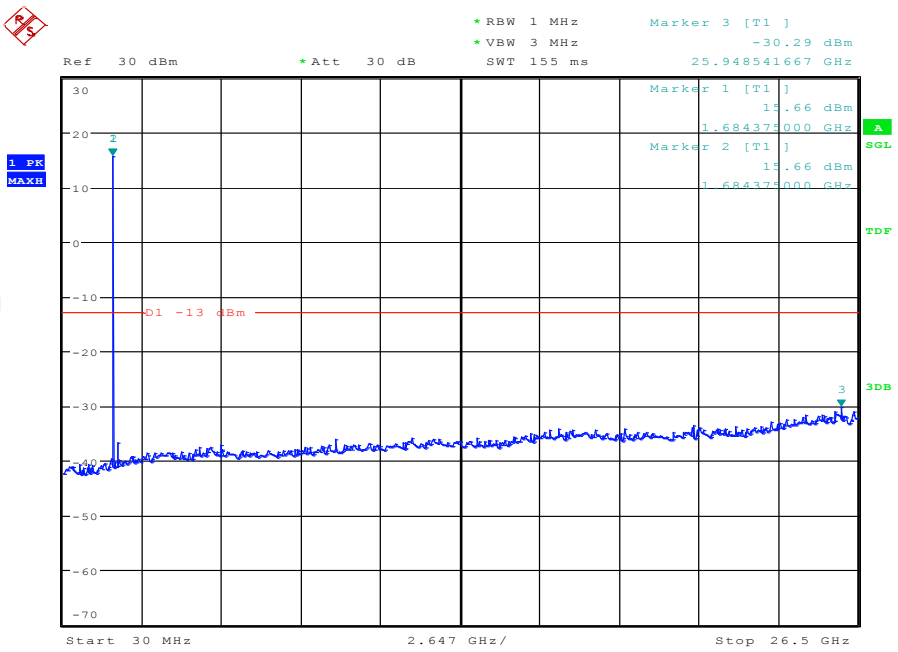
Date: 10.MAY.2017 19:25:48

BW3MHz-1711.5MHz,Q16-15RB_LOW@Pass



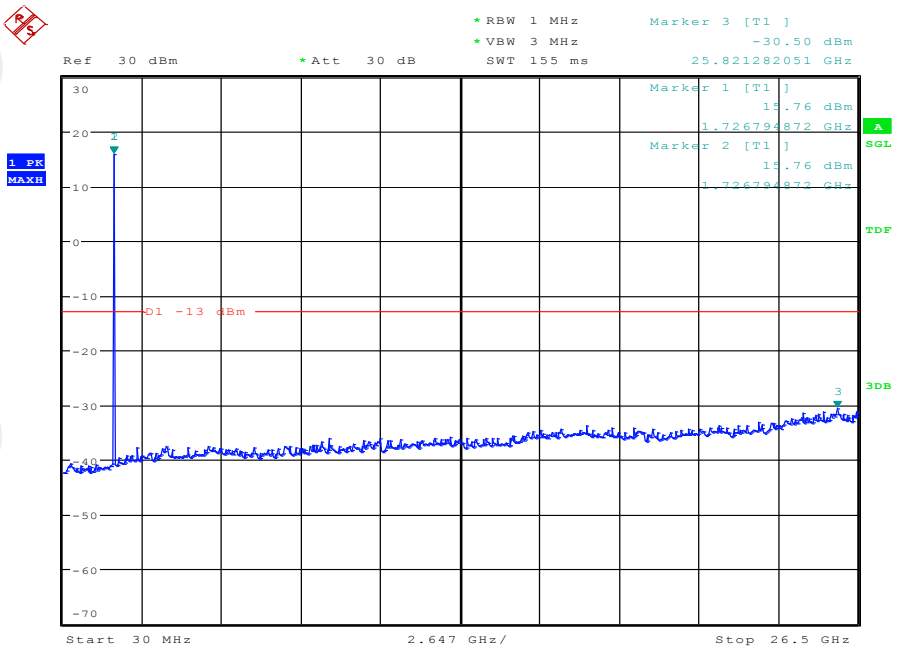
Date: 10.MAY.2017 19:18:23

BW3MHz-1711.5MHz,QPSK-15RB_LOW@Pass



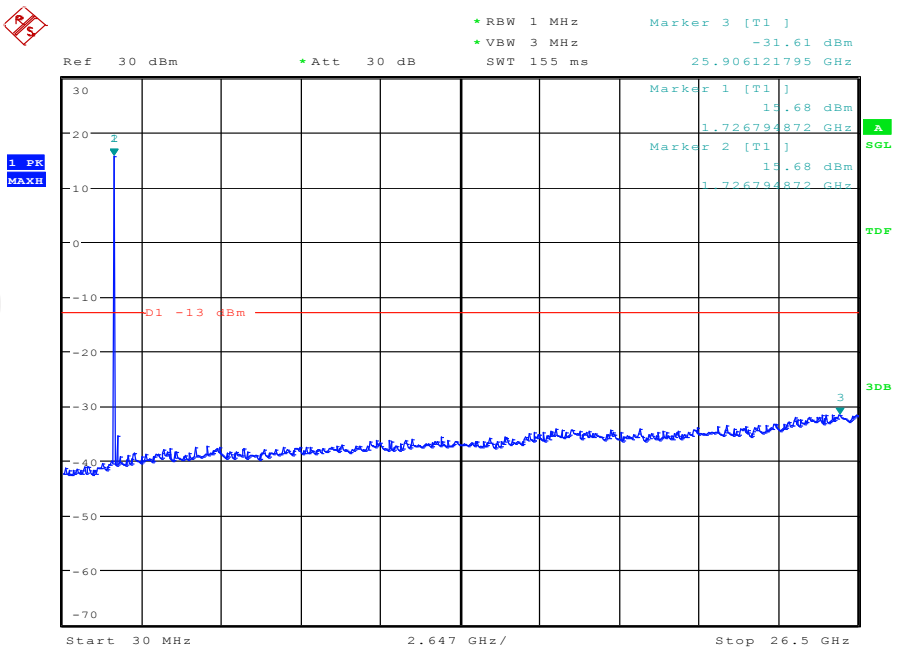
Date: 10.MAY.2017 19:18:07

BW3MHz-1732.5MHz,Q16-15RB_LOW@Pass



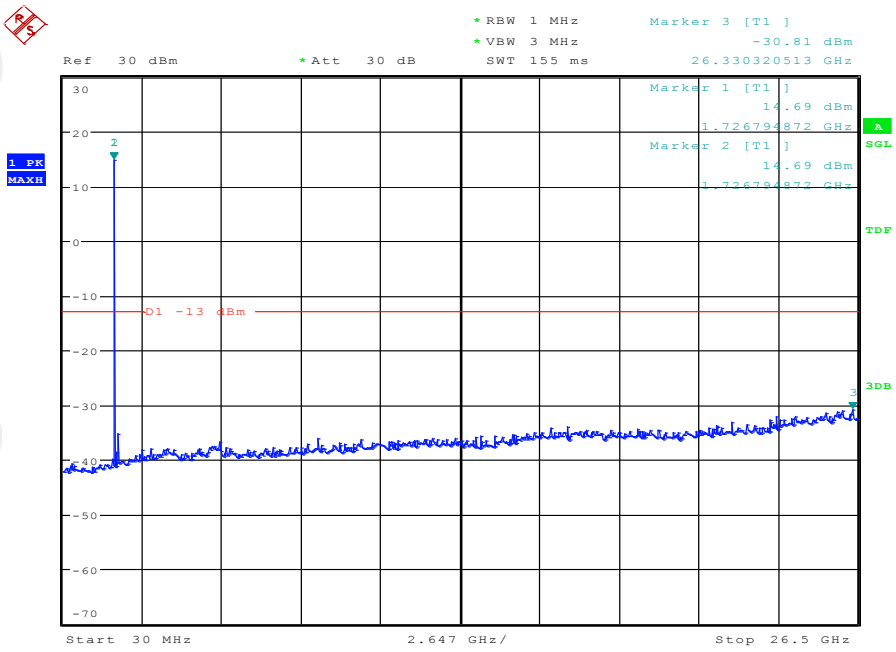
Date: 10.MAY.2017 19:19:27

BW3MHz-1732.5MHz,QPSK-15RB_LOW@Pass



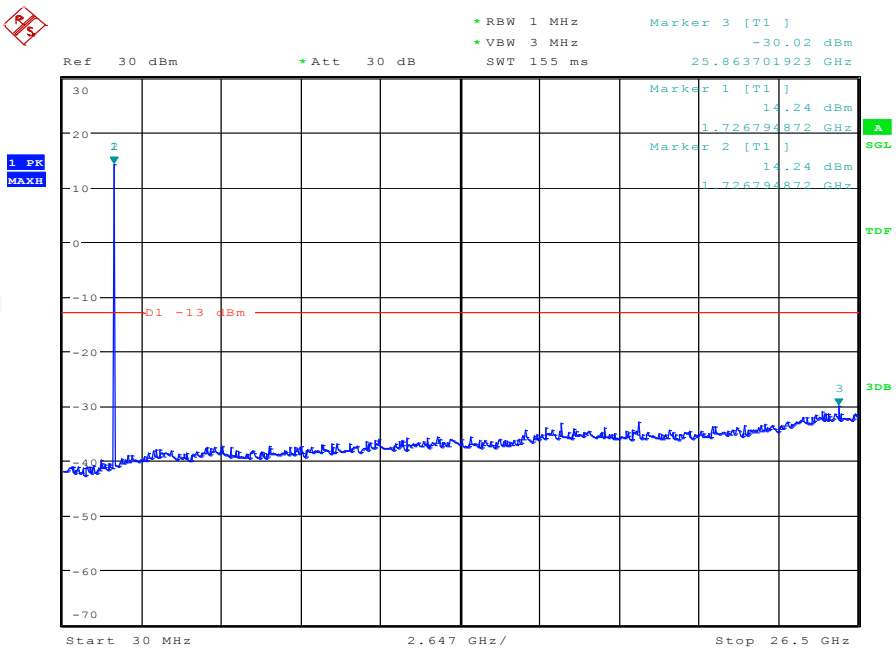
Date: 10.MAY.2017 19:19:11

BW3MHz-1753.5MHz,Q16-15RB_LOW@Pass



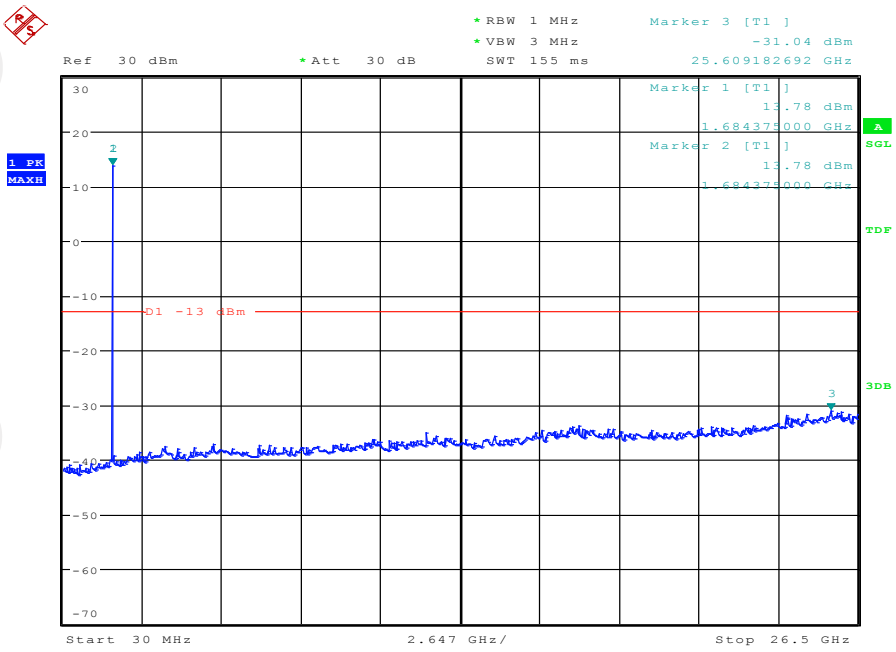
Date: 10.MAY.2017 19:18:55

BW3MHz-1753.5MHz,QPSK-15RB_LOW@Pass



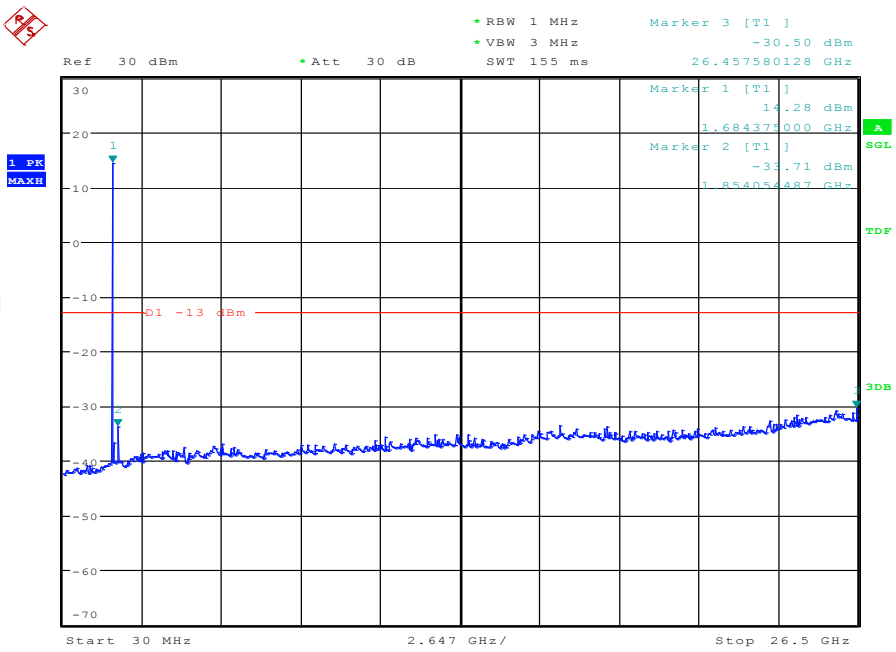
Date: 10.MAY.2017 19:18:39

BW5MHz-1712.5MHz,Q16-25RB_LOW@Pass



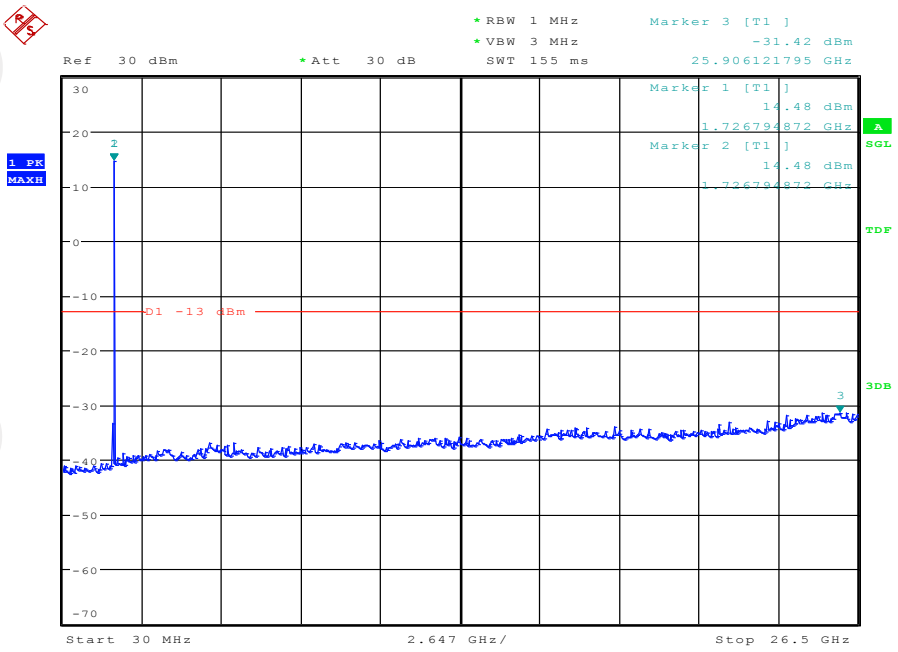
Date: 10.MAY.2017 19:20:02

BW5MHz-1712.5MHz,QPSK-25RB_LOW@Pass



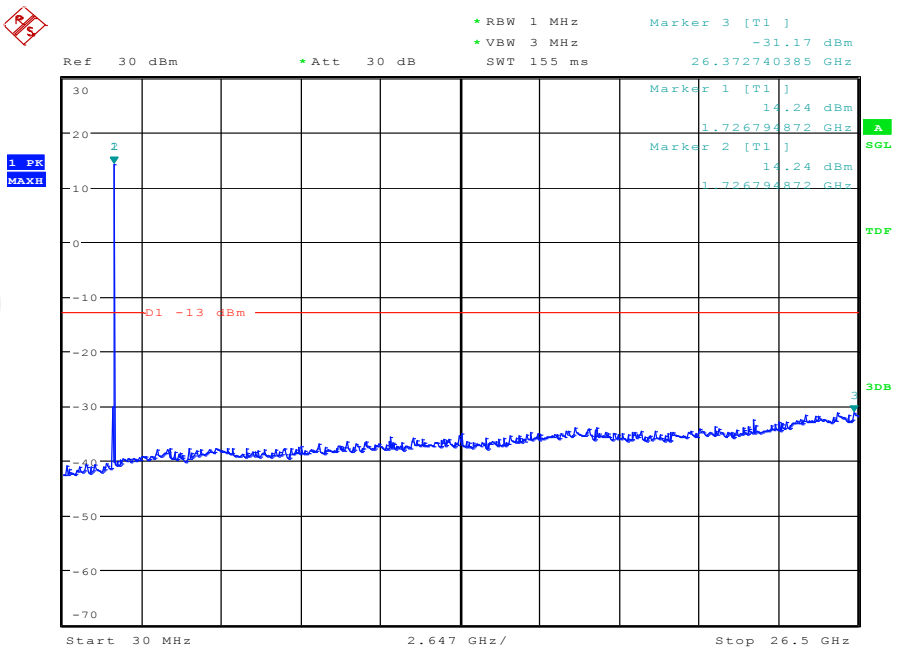
Date: 10.MAY.2017 19:19:46

BW5MHz-1732.5MHz,Q16-25RB_LOW@Pass



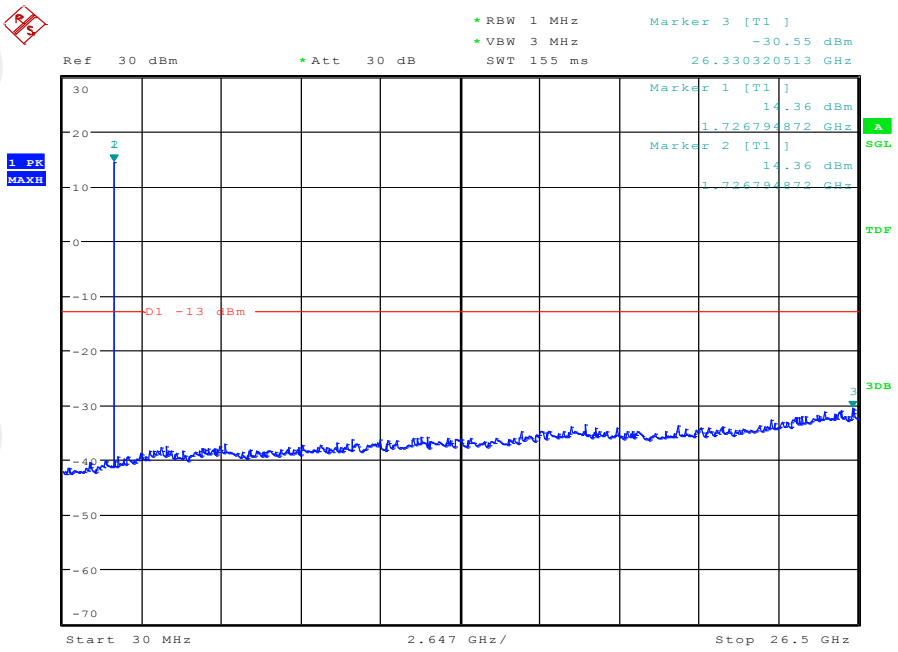
Date: 10.MAY.2017 19:21:08

BW5MHz-1732.5MHz,QPSK-25RB_LOW@Pass



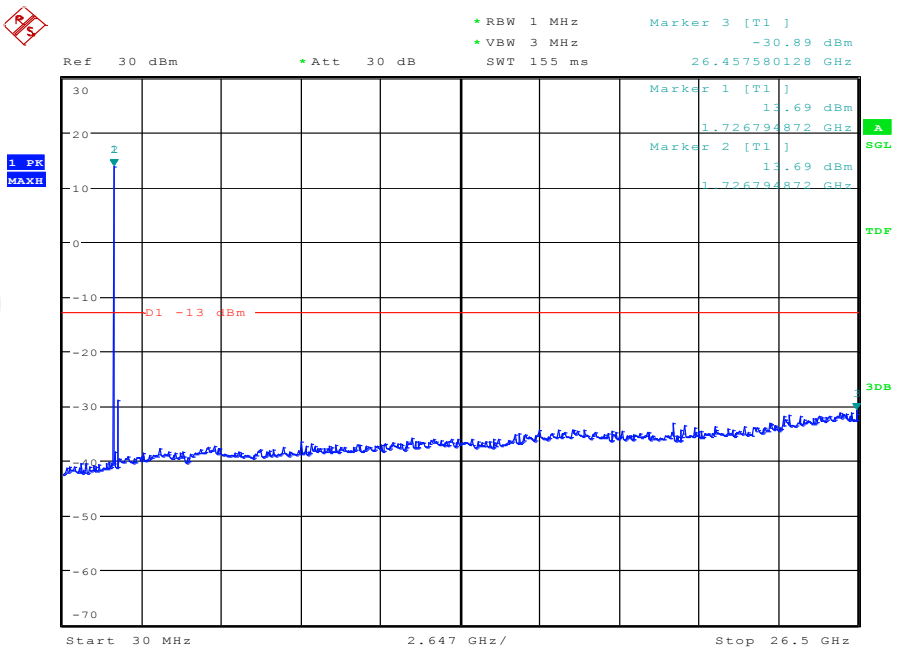
Date: 10.MAY.2017 19:20:52

BW5MHz-1752.5MHz,Q16-25RB_LOW@Pass



Date: 10.MAY.2017 19:20:35

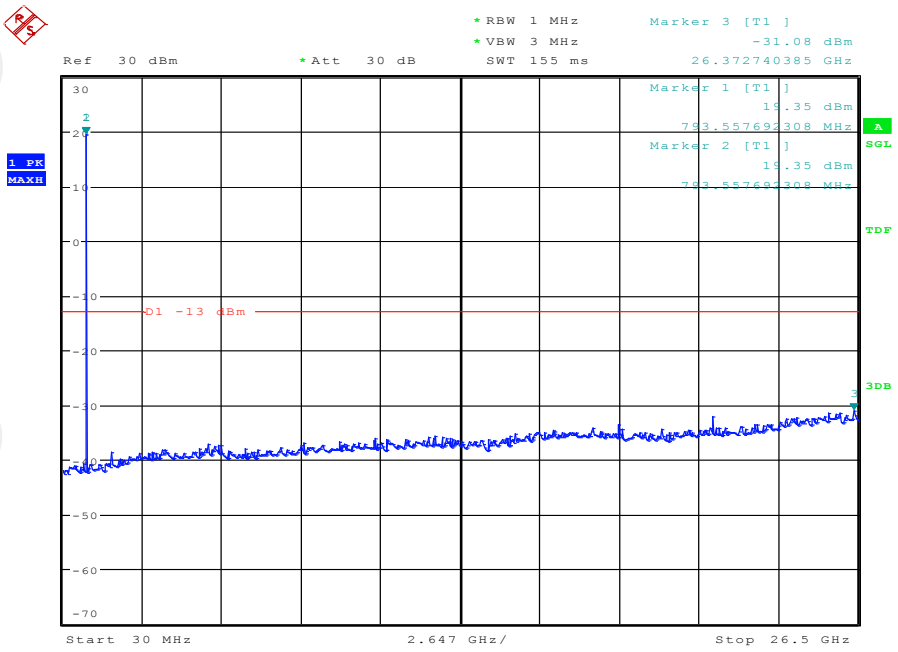
BW5MHz-1752.5MHz,QPSK-25RB_LOW@Pass



Date: 10.MAY.2017 19:20:19

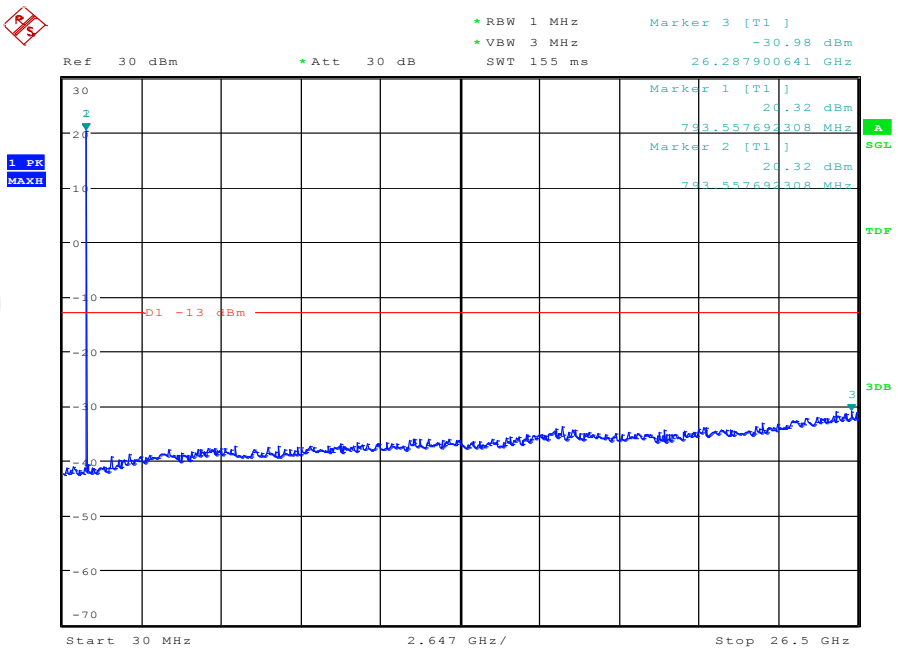
BAND 5@ Conducted Spurious Emission

BW1.4MHz-824.7MHz,Q16-6RB_LOW@Pass



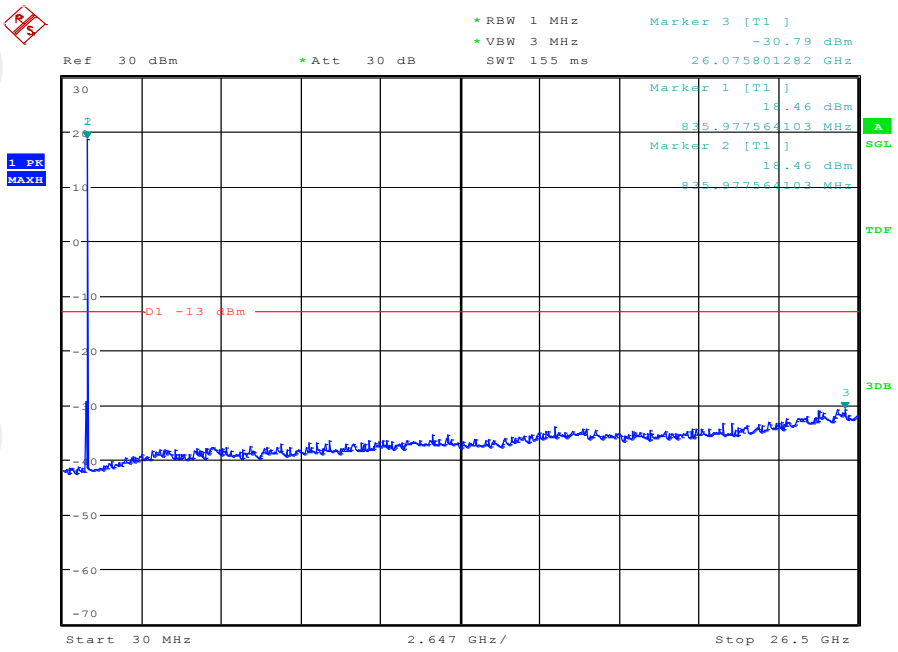
Date: 13.JUN.2017 19:43:46

BW1.4MHz-824.7MHz,QPSK-6RB_LOW@Pass



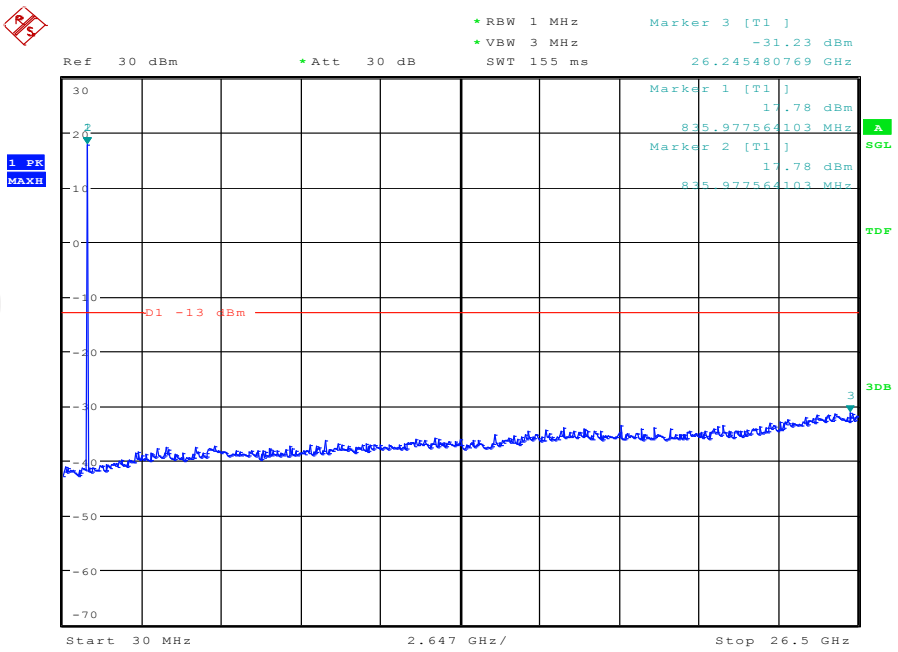
Date: 13.JUN.2017 19:43:31

BW1.4MHz-836.5MHz,QPSK-6RB_LOW@Pass



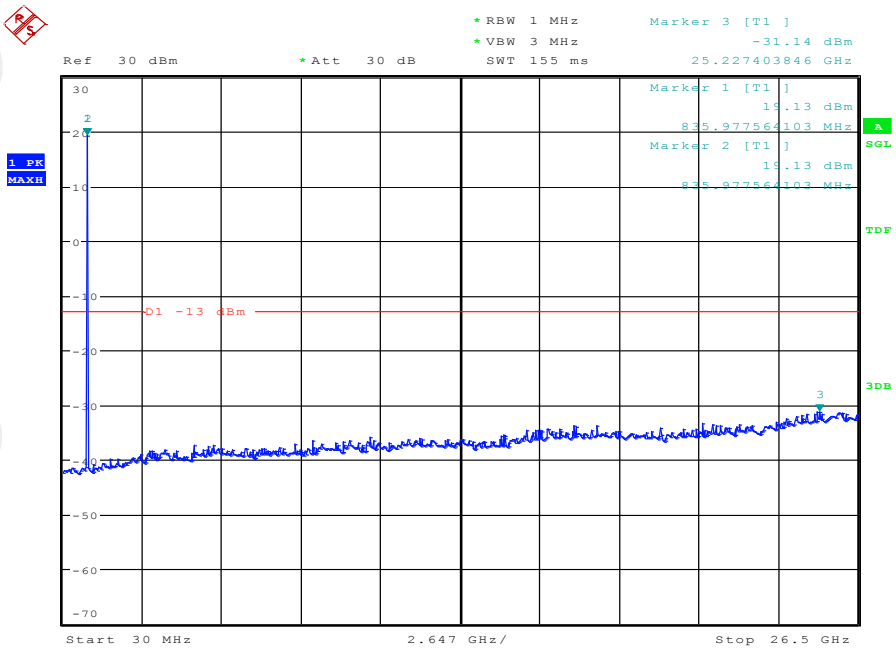
Date: 13.JUN.2017 19:44:50

BW1.4MHz-848.3MHz,Q16-6RB_LOW@Pass



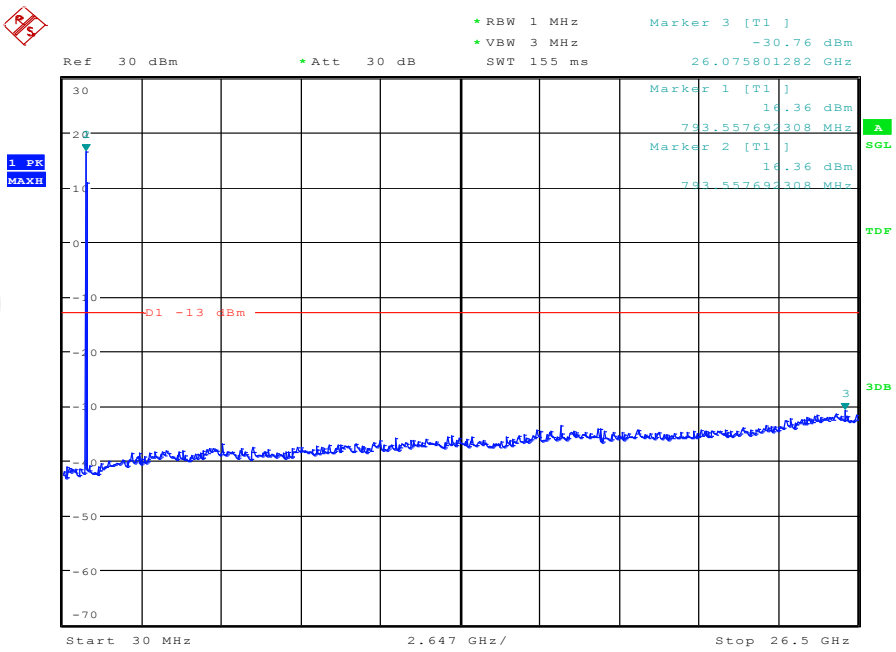
Date: 13.JUN.2017 19:44:19

BW1.4MHz-848.3MHz,QPSK-6RB_LOW@Pass



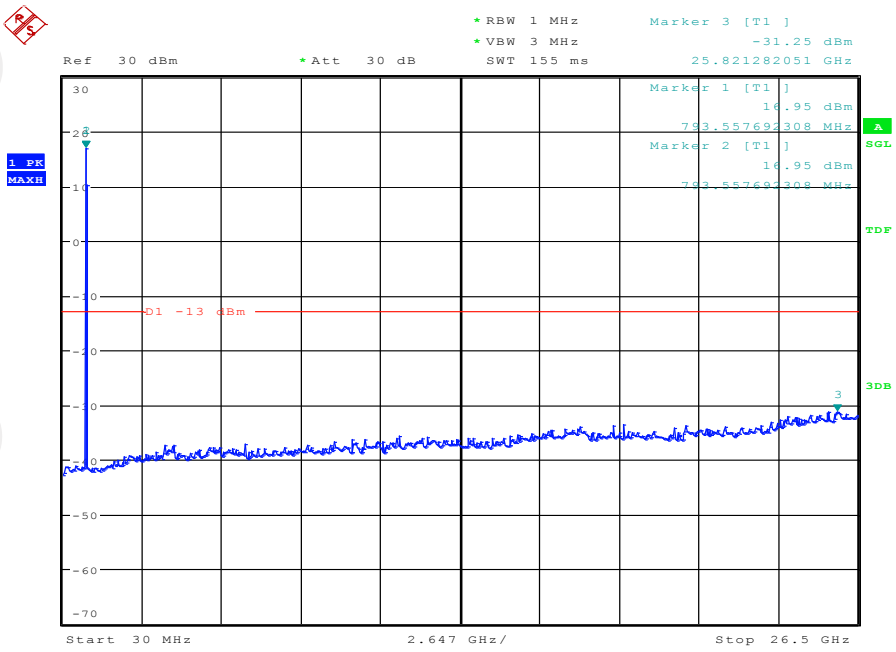
Date: 13.JUN.2017 19:44:03

BW10MHz-829MHz,Q16-50RB_LOW@Pass



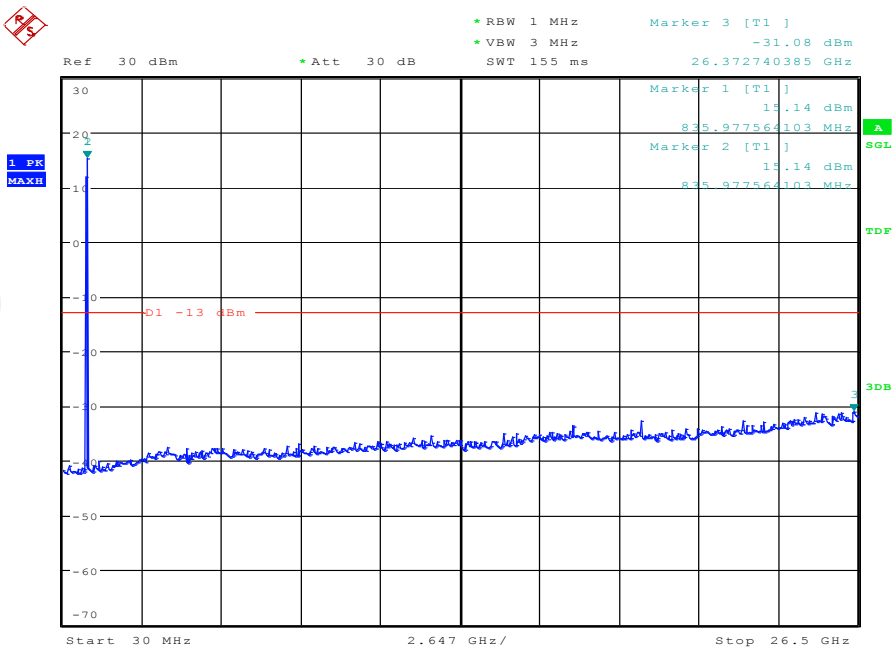
Date: 13.JUN.2017 19:48:46

BW10MHz-829MHz,QPSK-50RB_LOW@Pass



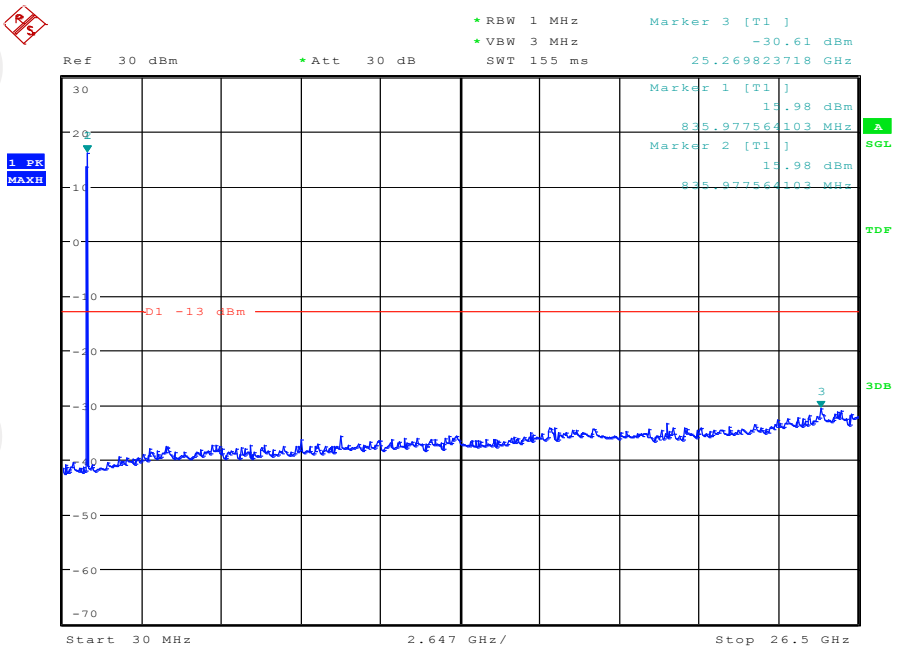
Date: 13.JUN.2017 19:48:30

BW10MHz-836.5MHz,Q16-50RB_LOW@Pass



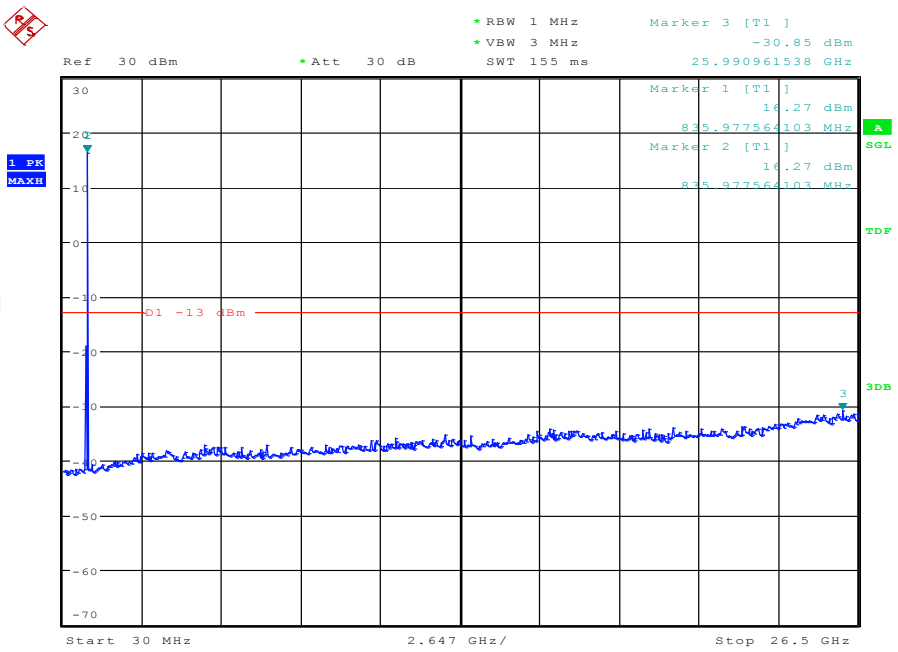
Date: 13.JUN.2017 19:49:53

BW10MHz-836.5MHz,QPSK-50RB_LOW@Pass



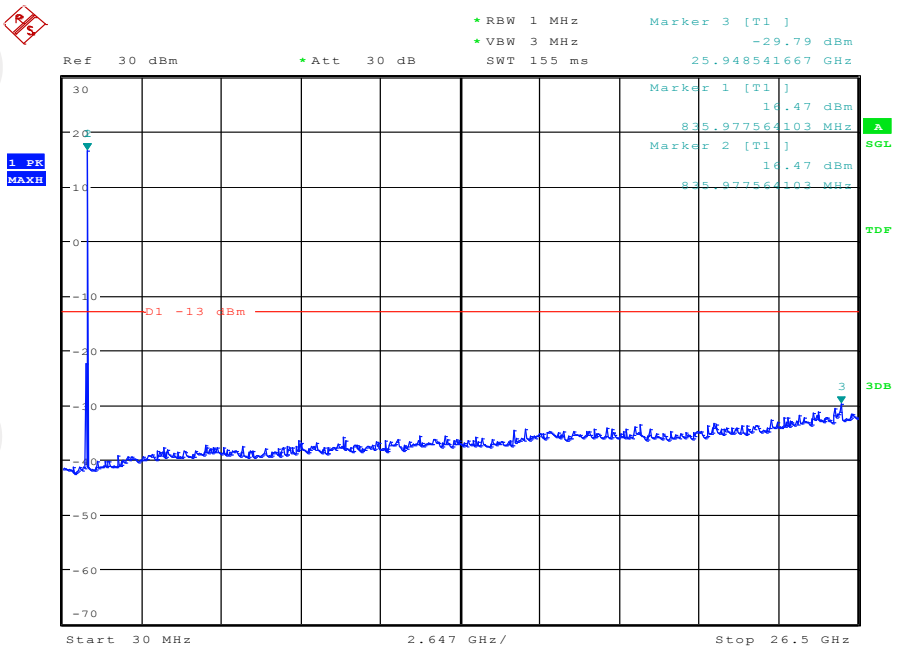
Date: 13.JUN.2017 19:49:37

BW10MHz-844MHz,Q16-50RB_LOW@Pass



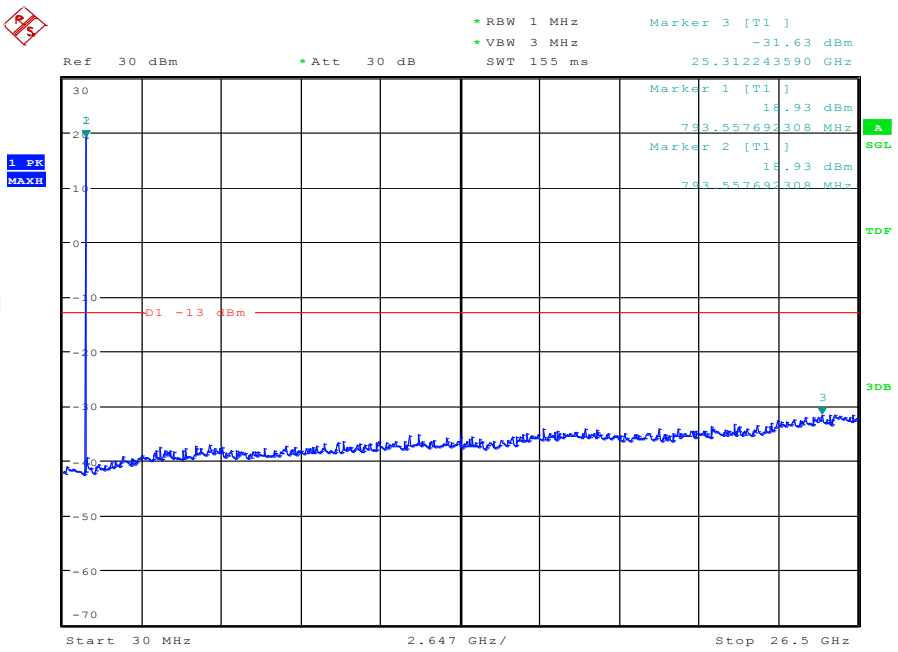
Date: 13.JUN.2017 19:49:20

BW10MHz-844MHz,QPSK-50RB_LOW@Pass



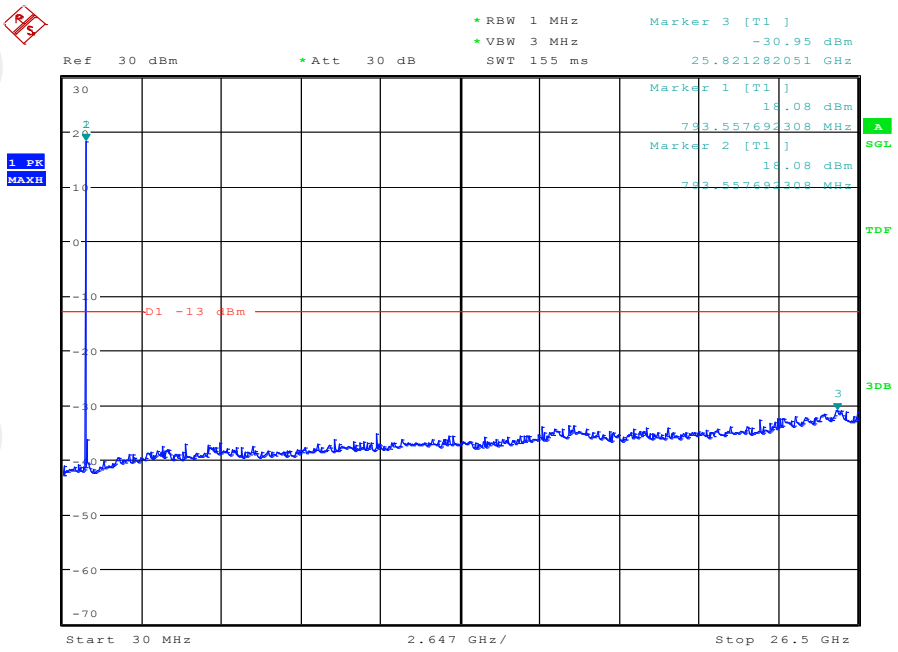
Date: 13.JUN.2017 19:49:03

BW3MHz-825.5MHz,Q16-15RB_LOW@Pass



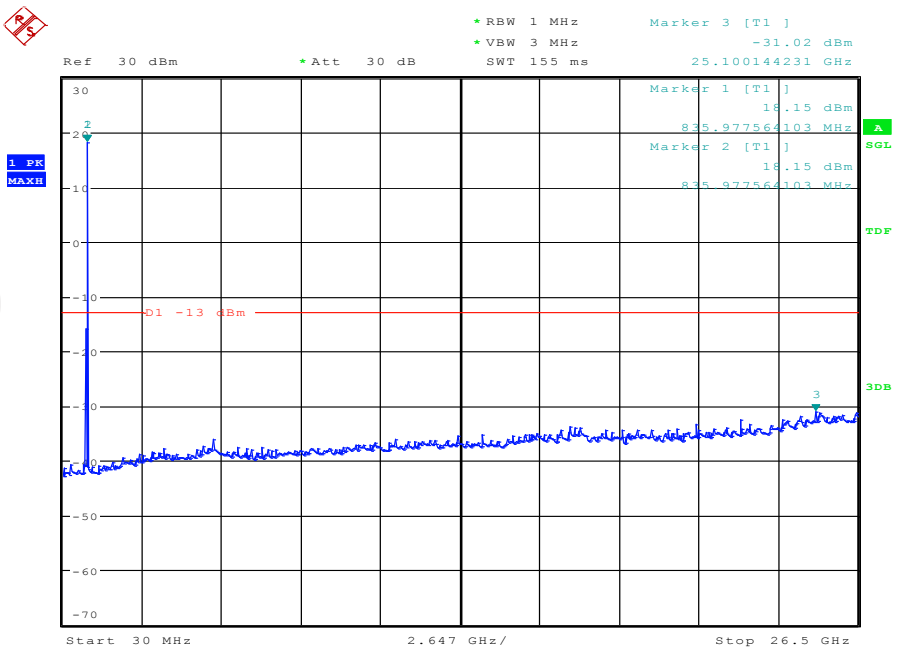
Date: 13.JUN.2017 19:45:25

BW3MHz-825.5MHz,QPSK-15RB_LOW@Pass



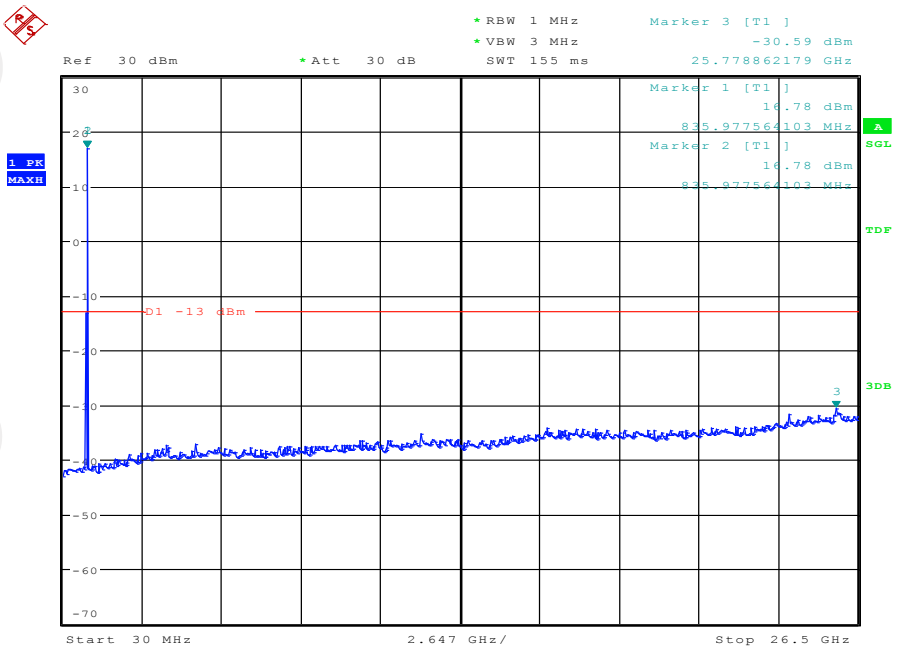
Date: 13.JUN.2017 19:45:09

BW3MHz-836.5MHz,Q16-15RB_LOW@Pass



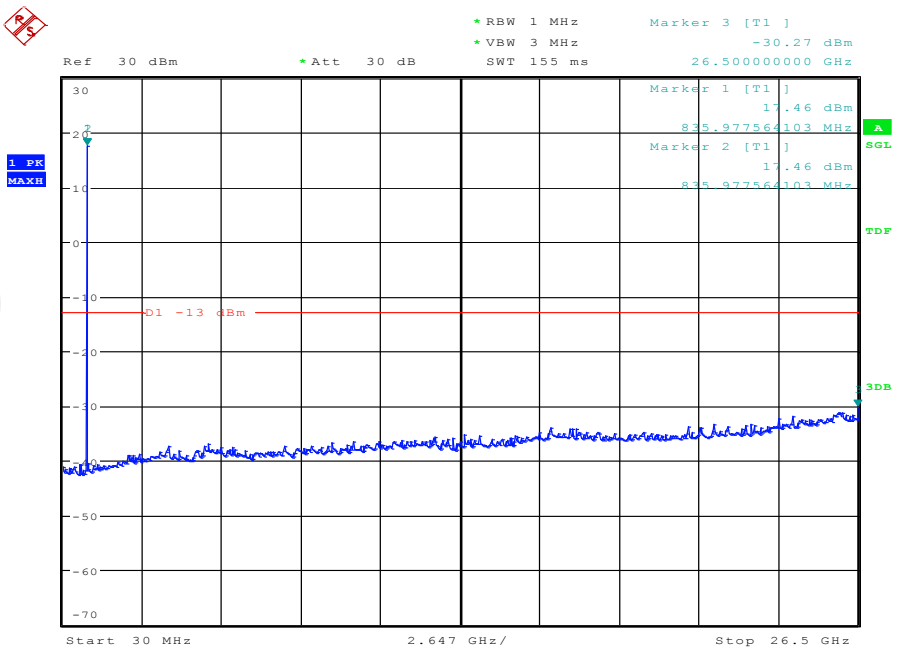
Date: 13.JUN.2017 19:46:29

BW3MHz-836.5MHz,QPSK-15RB_LOW@Pass



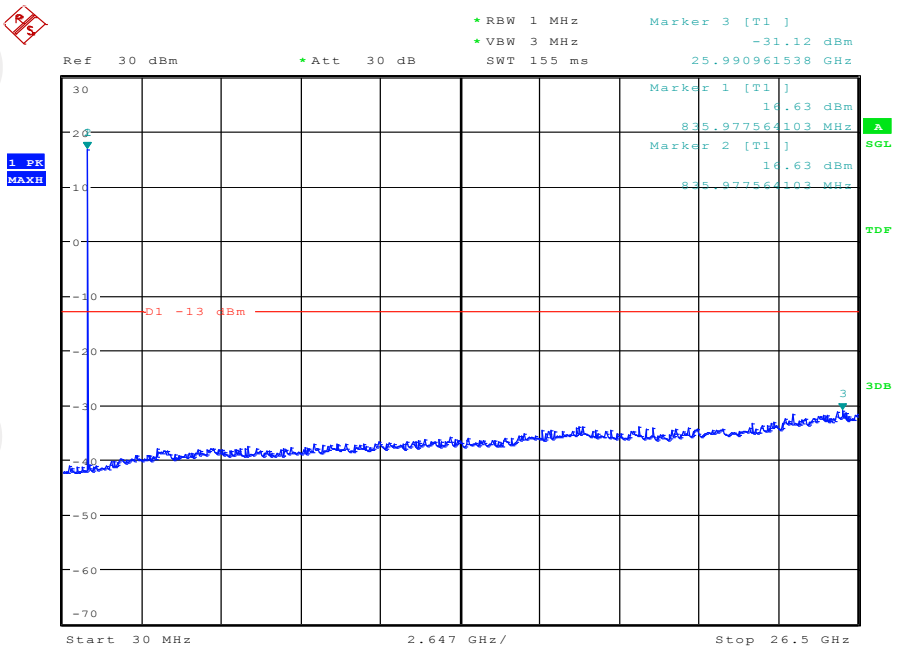
Date: 13.JUN.2017 19:46:13

BW3MHz-847.5MHz,Q16-15RB_LOW@Pass



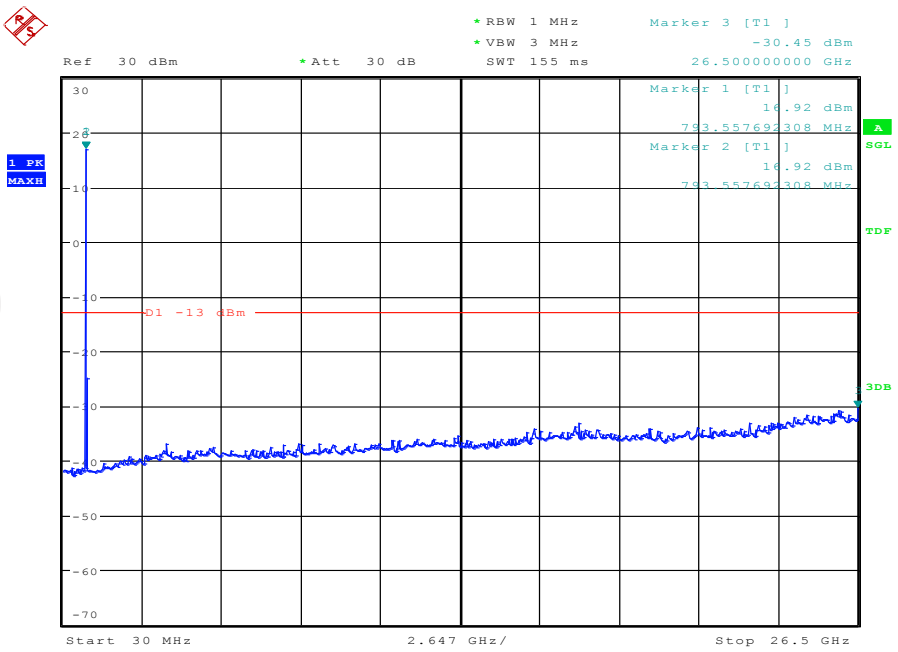
Date: 13.JUN.2017 19:45:57

BW3MHz-847.5MHz,QPSK-15RB_LOW@Pass



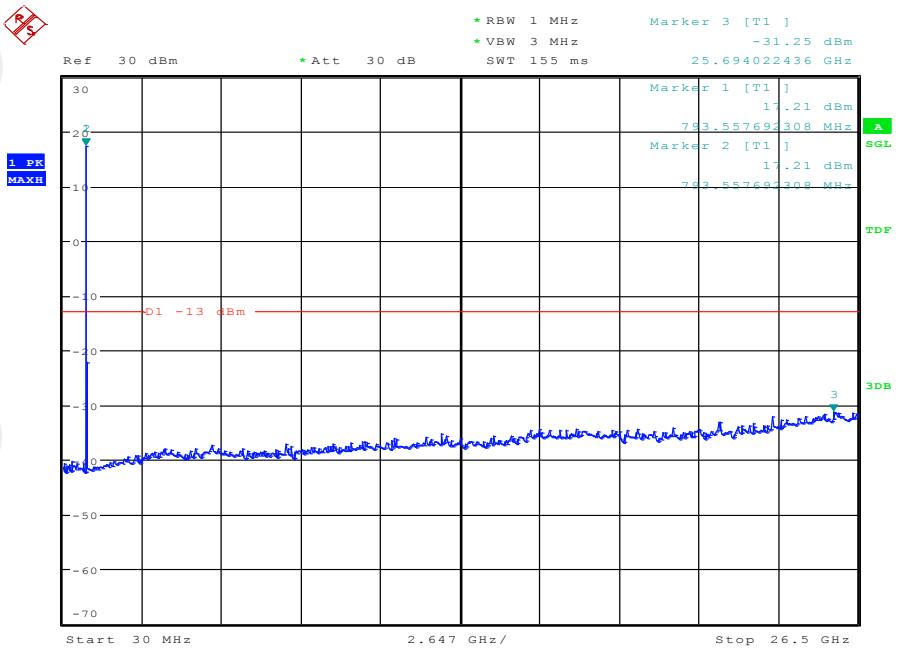
Date: 13.JUN.2017 19:45:41

BW5MHz-826.5MHz,Q16-25RB_LOW@Pass



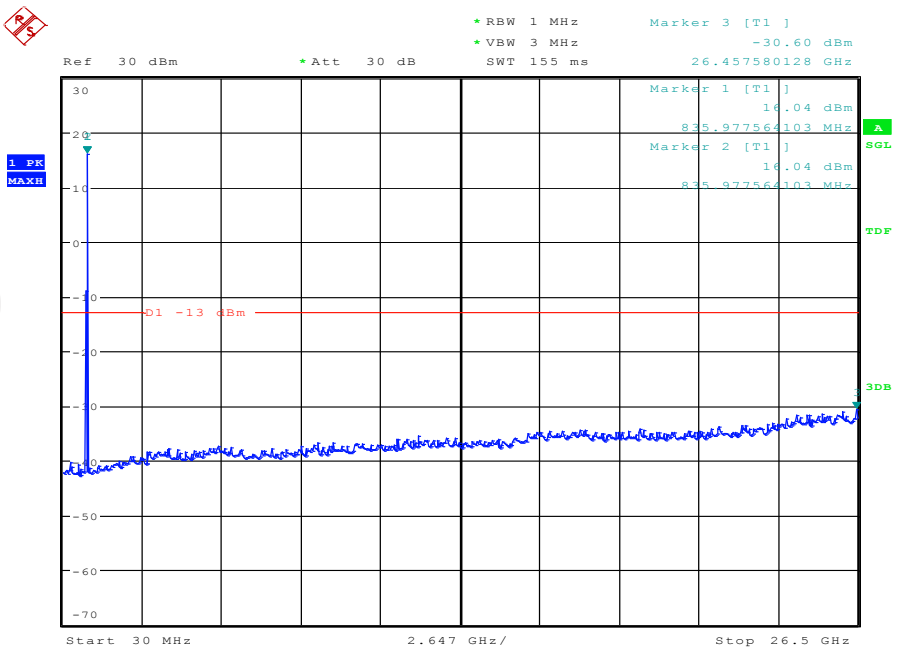
Date: 13.JUN.2017 19:47:04

BW5MHz-826.5MHz,QPSK-25RB_LOW@Pass



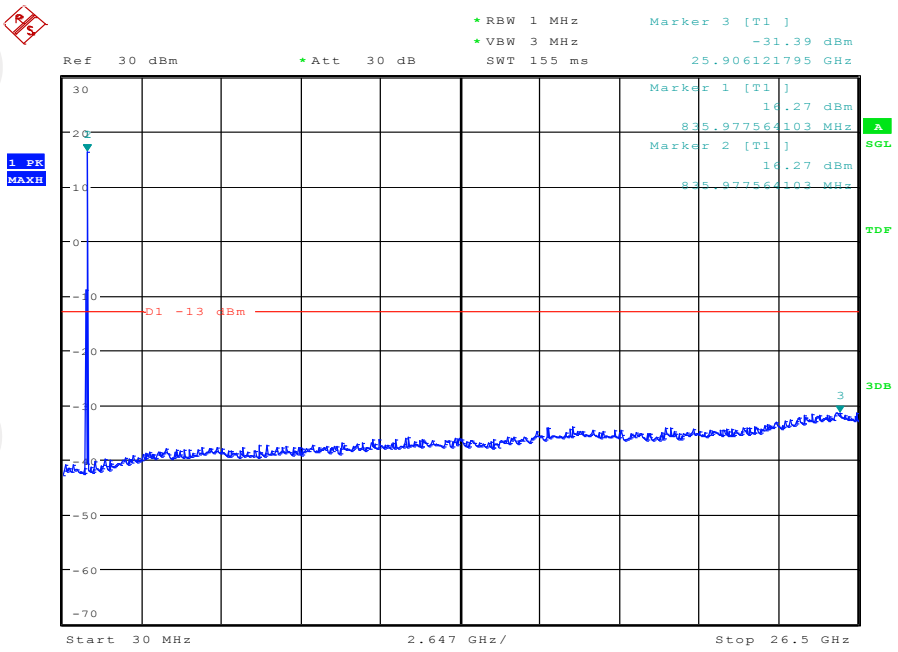
Date: 13.JUN.2017 19:46:48

BW5MHz-836.5MHz,Q16-25RB_LOW@Pass



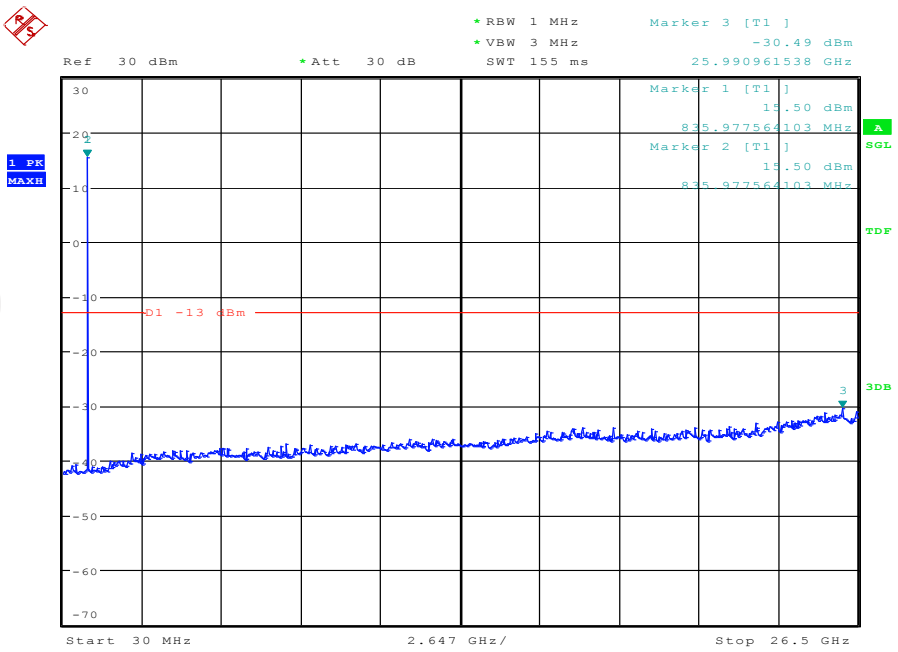
Date: 13.JUN.2017 19:48:10

BW5MHz-836.5MHz,QPSK-25RB_LOW@Pass



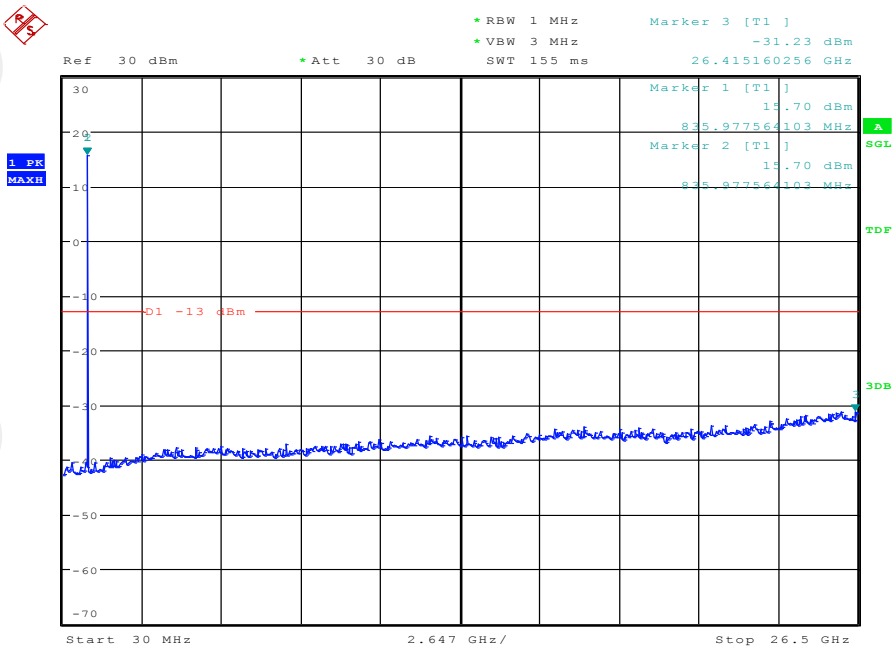
Date: 13.JUN.2017 19:47:54

BW5MHz-846.5MHz,Q16-25RB_LOW@Pass



Date: 13.JUN.2017 19:47:37

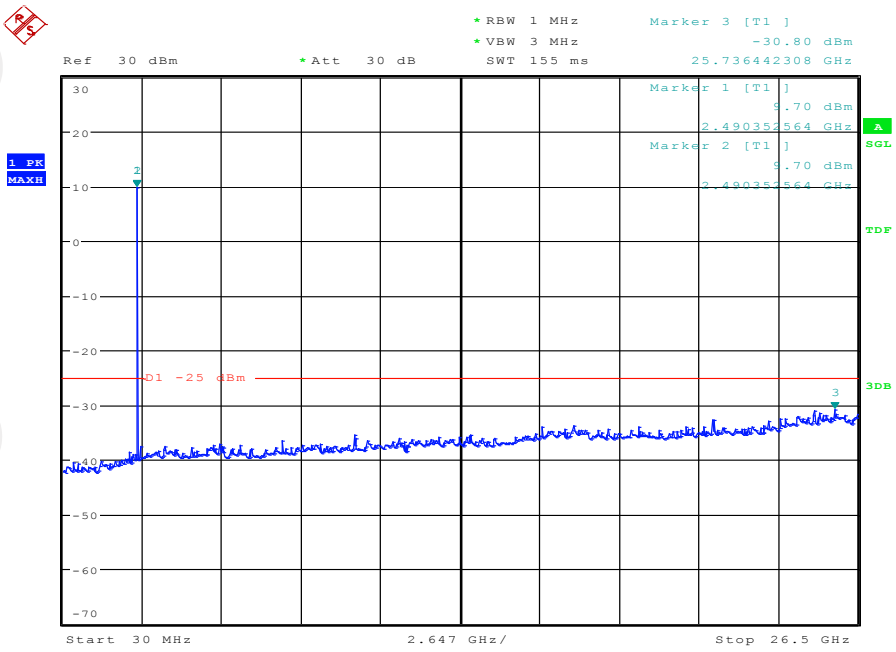
BW5MHz-846.5MHz,QPSK-25RB_LOW@Pass



Date: 13.JUN.2017 19:47:21

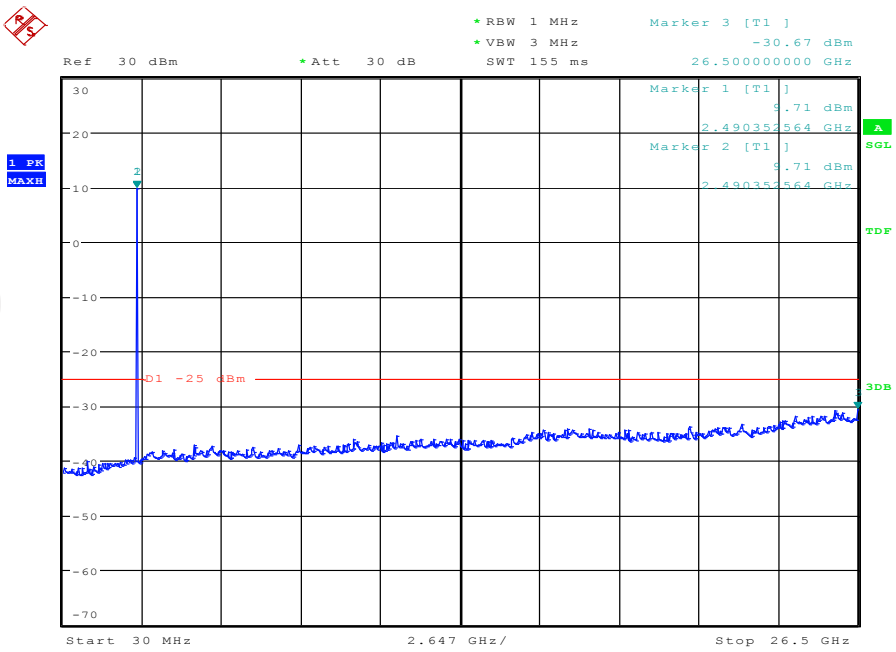
BAND 7@Conducted Spurious Emission

BW10MHz-2505MHz,Q16-50RB_LOW@Pass



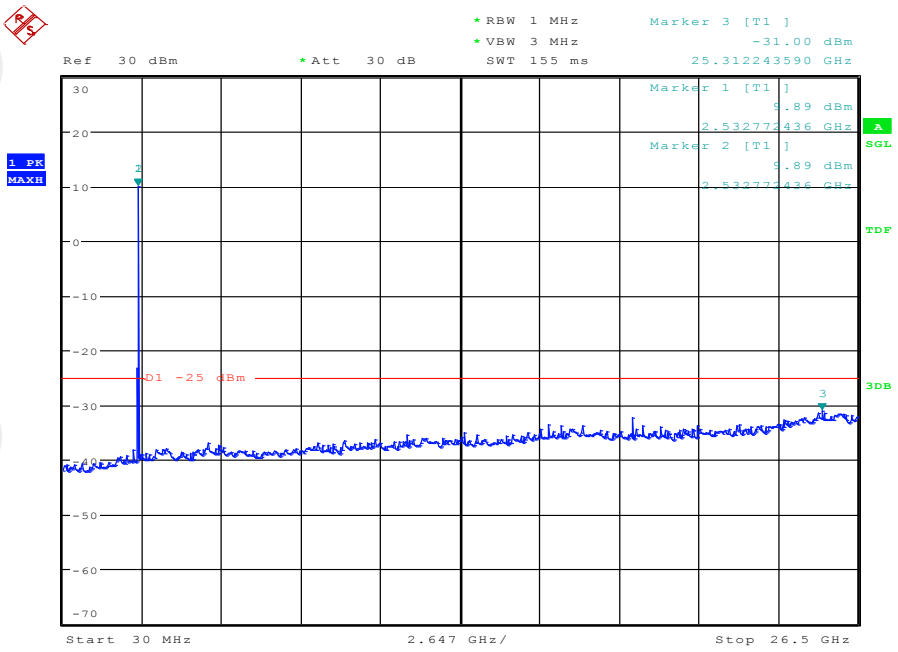
Date: 10.MAY.2017 20:08:09

BW10MHz-2505MHz,QPSK-50RB_LOW@Pass



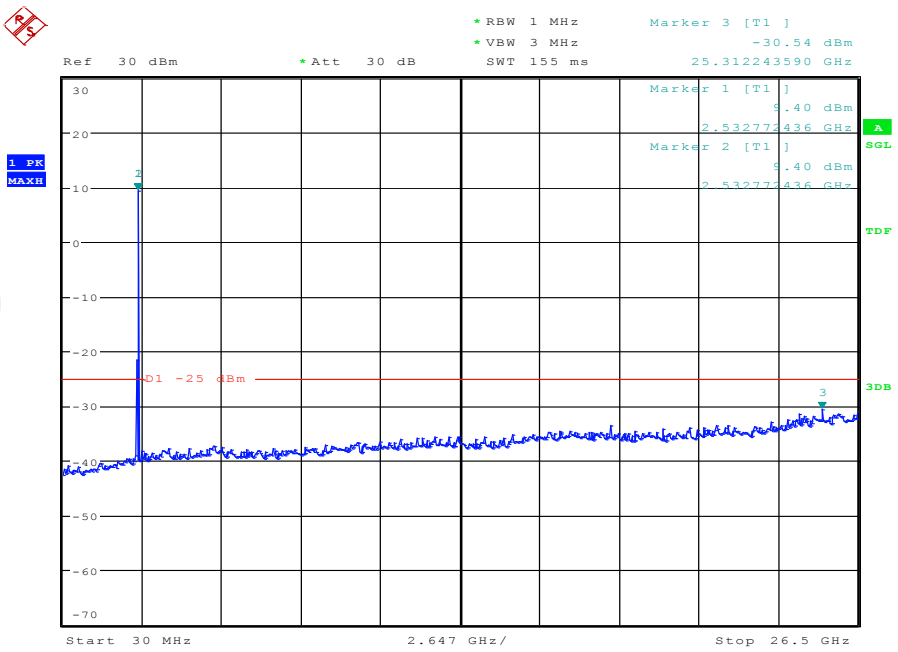
Date: 10.MAY.2017 20:07:52

BW10MHz-2535MHz,Q16-50RB_LOW@Pass



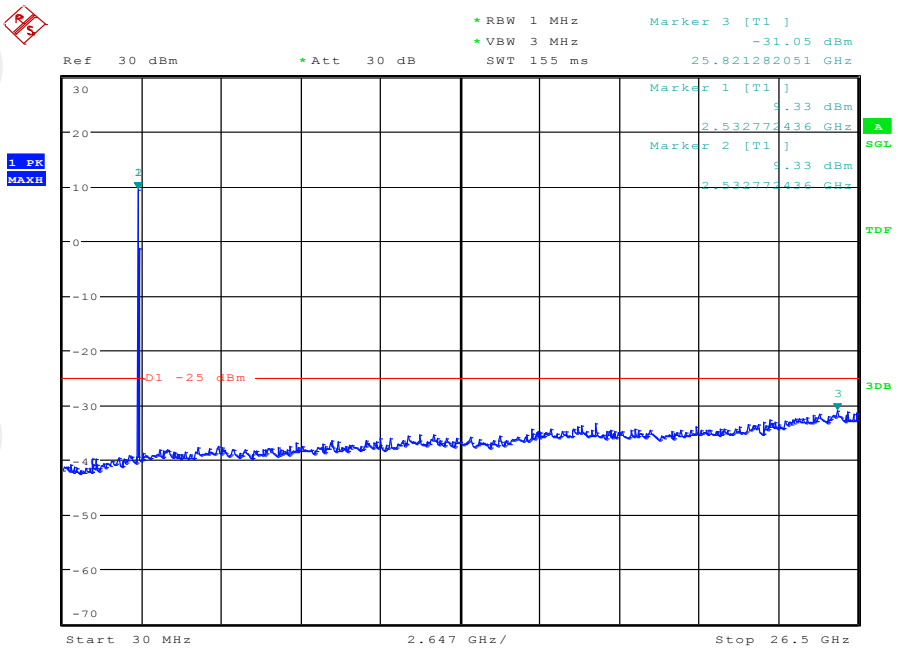
Date: 10.MAY.2017 20:09:17

BW10MHz-2535MHz,QPSK-50RB_LOW@Pass



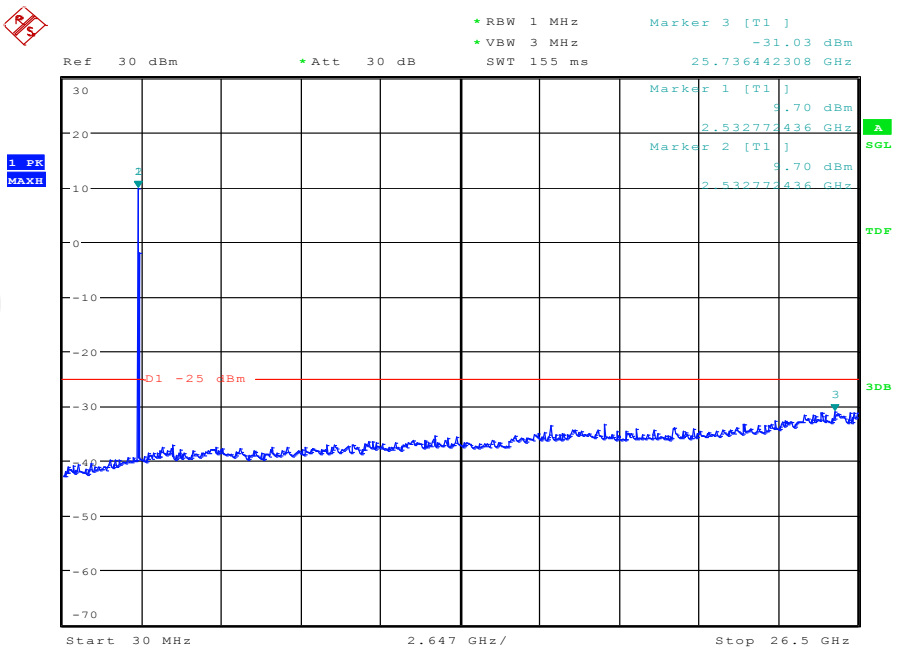
Date: 10.MAY.2017 20:09:00

BW10MHz-2565MHz,Q16-50RB_LOW@Pass



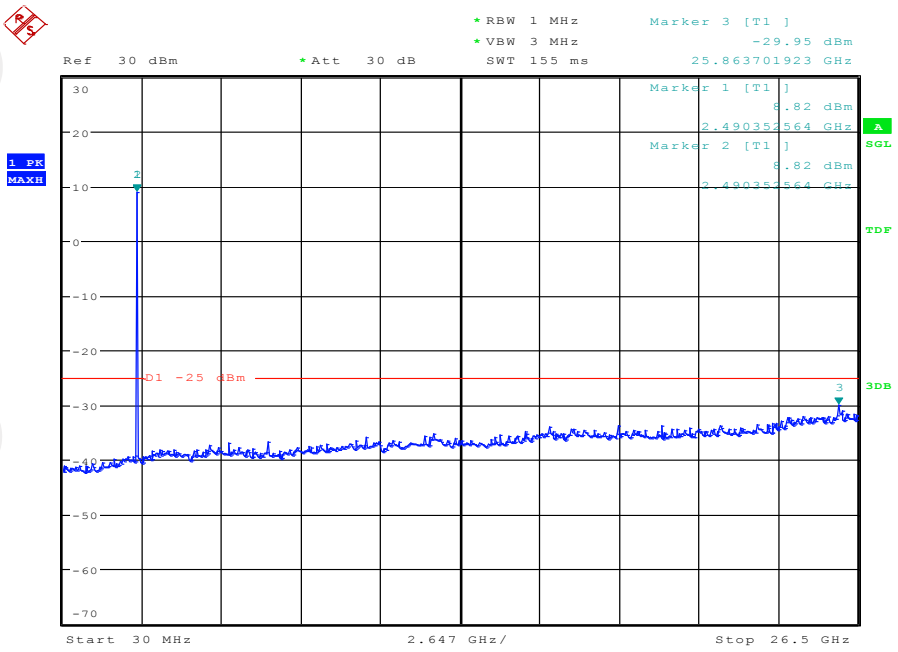
Date: 10.MAY.2017 20:08:43

BW10MHz-2565MHz,QPSK-50RB_LOW@Pass

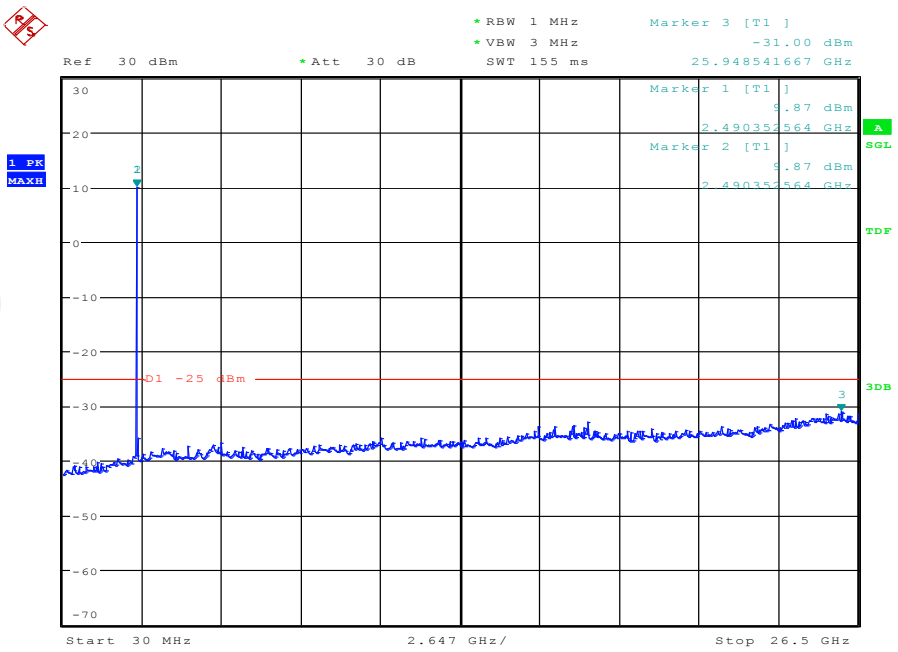


Date: 10.MAY.2017 20:08:26

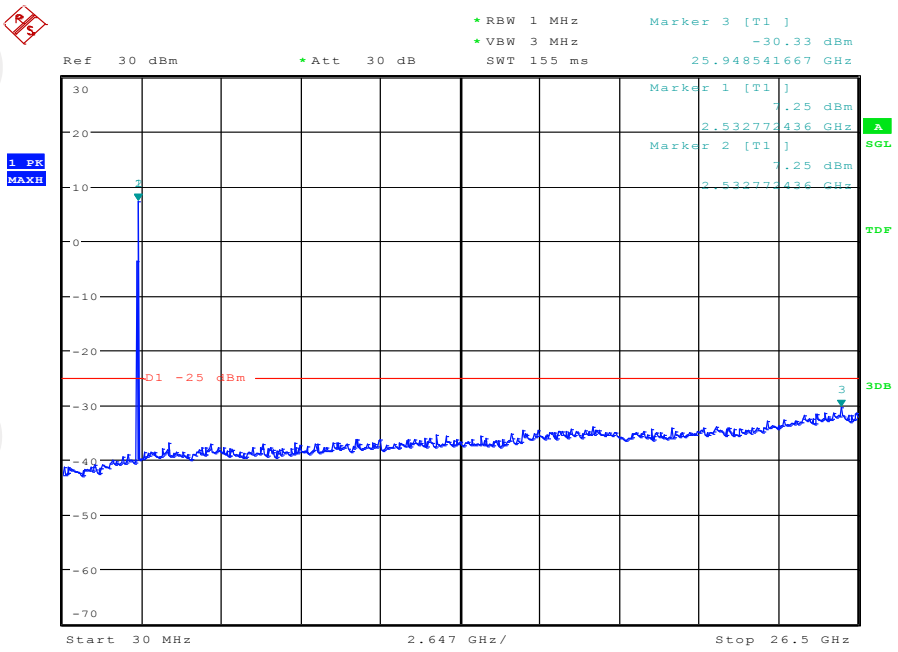
BW15MHz-2507.5MHz,Q16-75RB_LOW@Pass



BW15MHz-2507.5MHz,QPSK-75RB_LOW@Pass

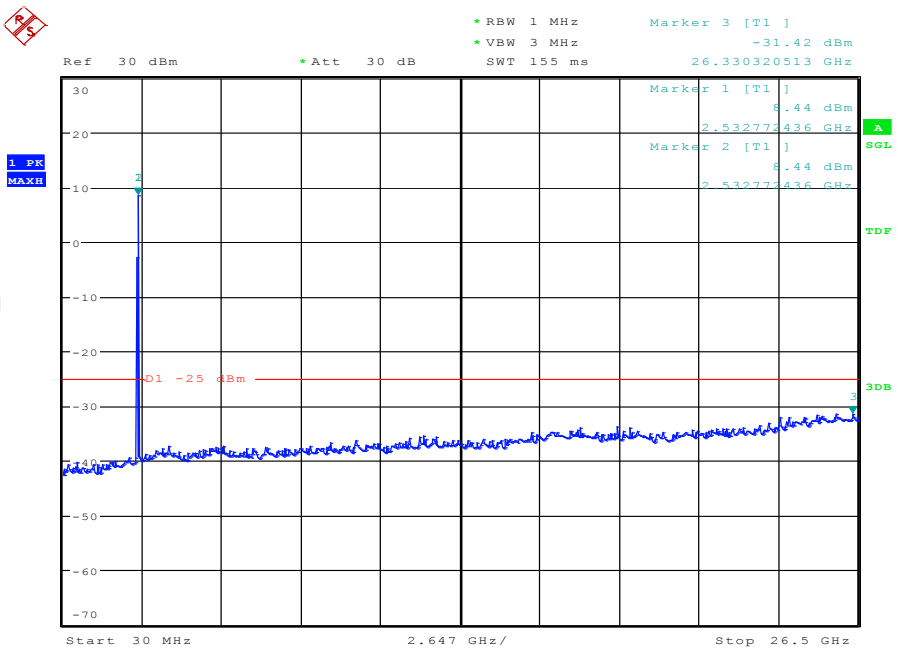


BW15MHz-2535MHz,Q16-75RB_LOW@Pass



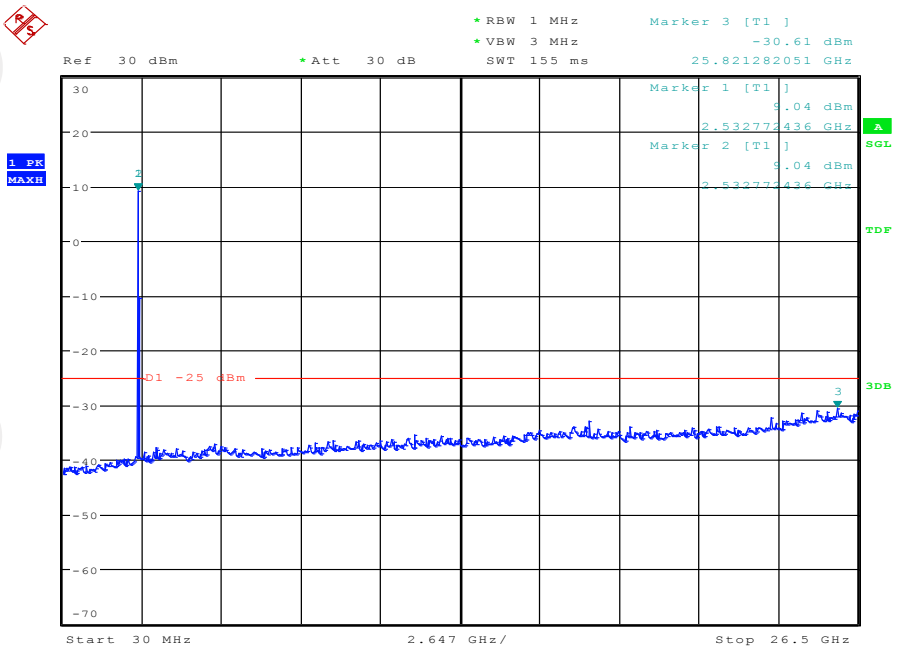
Date: 10.MAY.2017 20:11:14

BW15MHz-2535MHz,QPSK-75RB_LOW@Pass

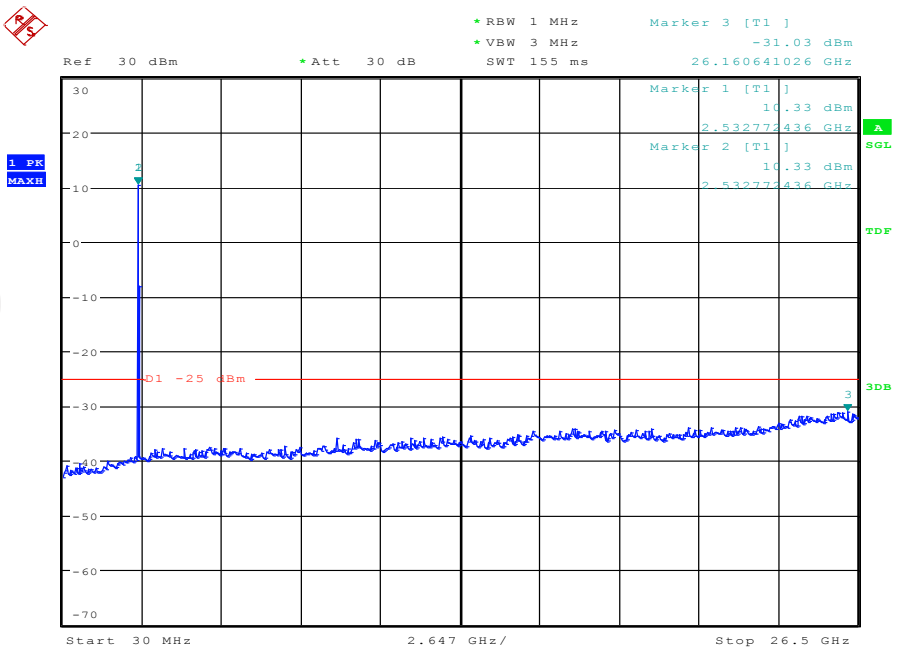


Date: 10.MAY.2017 20:10:55

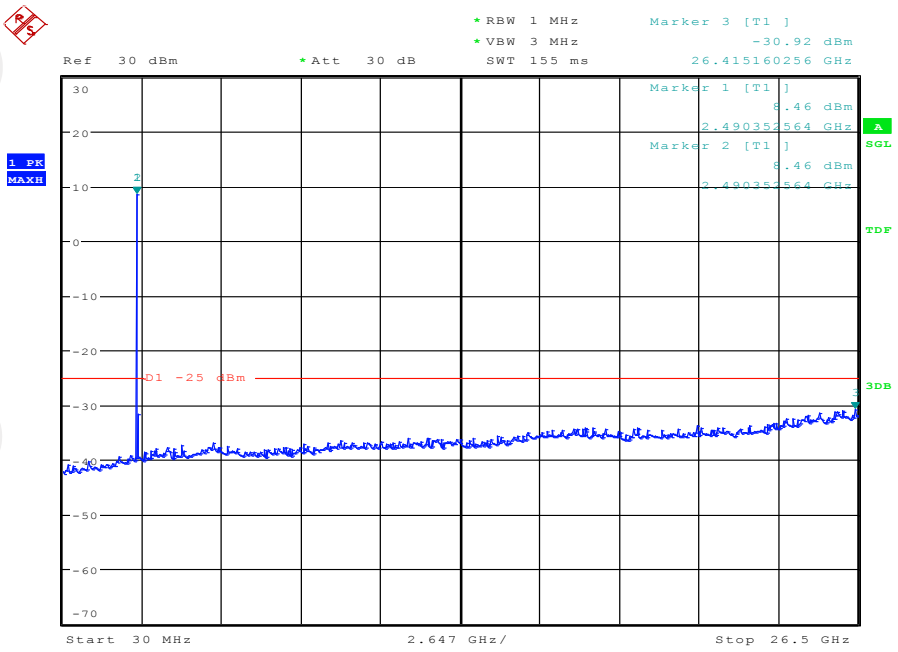
BW15MHz-2562.5MHz,Q16-75RB_LOW@Pass



BW15MHz-2562.5MHz,QPSK-75RB_LOW@Pass

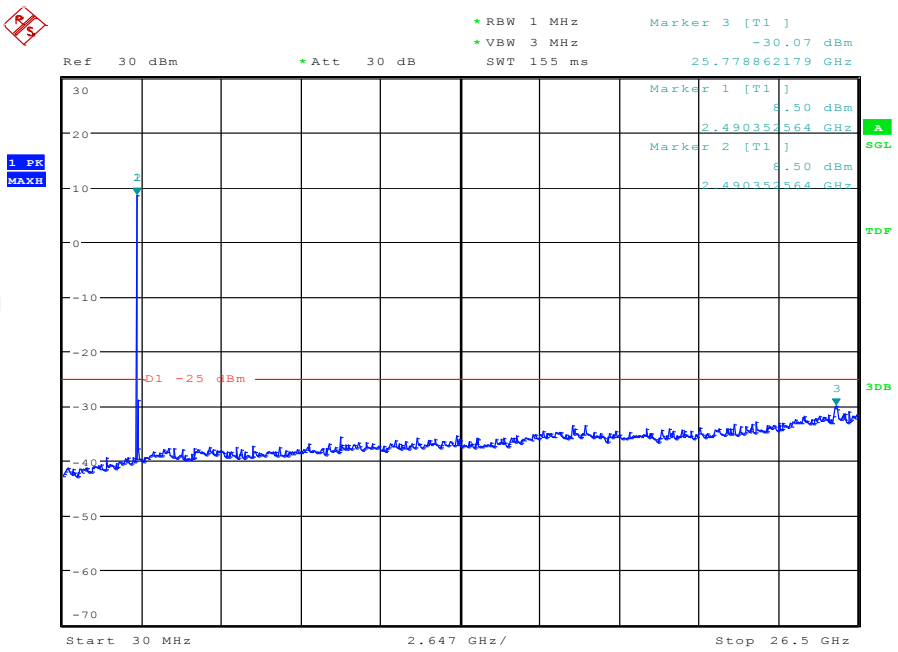


BW20MHz-2510MHz,Q16-100RB_LOW@Pass



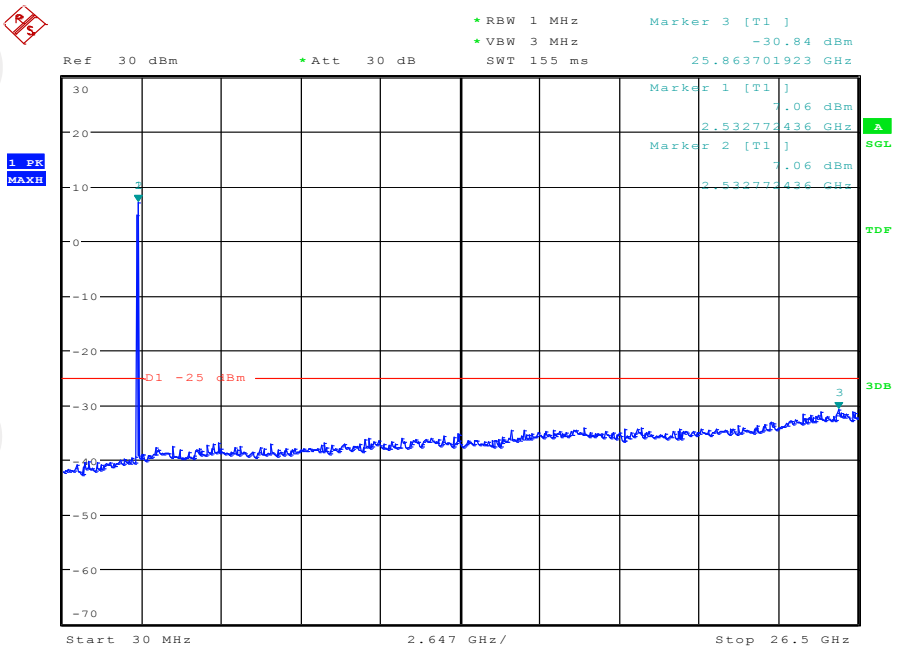
Date: 10.MAY.2017 20:11:55

BW20MHz-2510MHz,QPSK-100RB_LOW@Pass



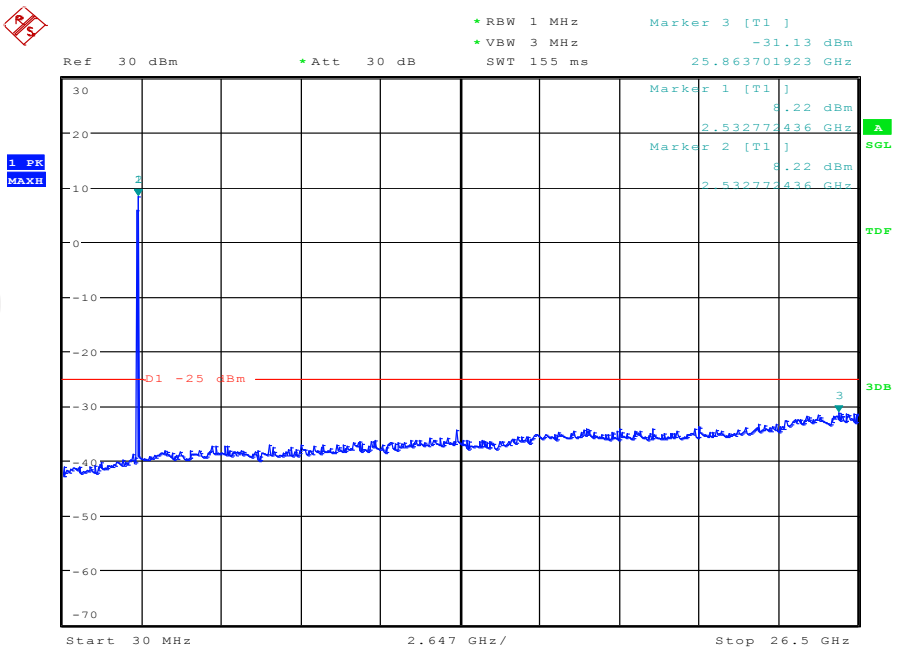
Date: 10.MAY.2017 20:11:36

BW20MHz-2535MHz,Q16-100RB_LOW@Pass



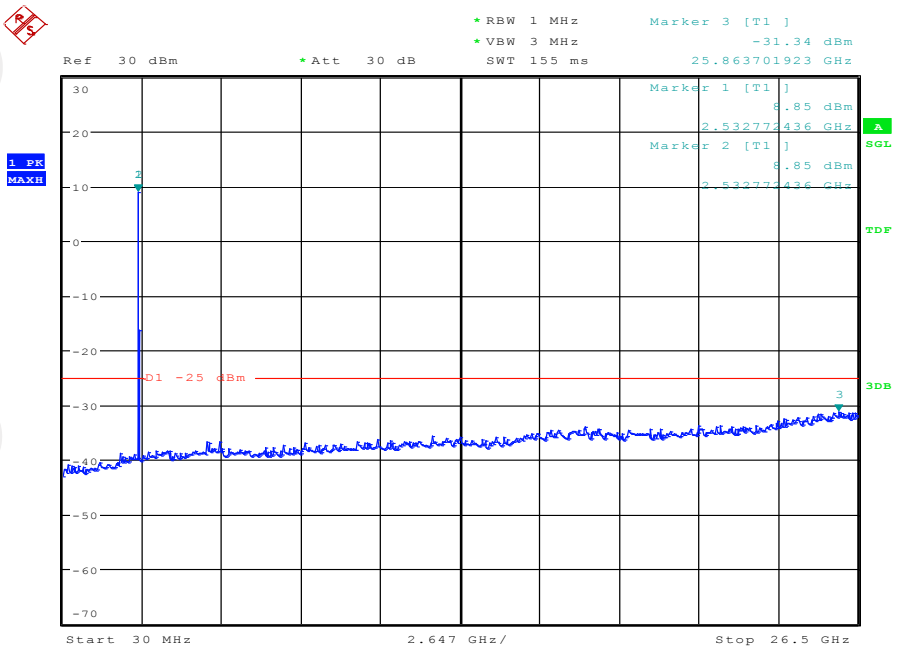
Date: 10.MAY.2017 20:13:12

BW20MHz-2535MHz,QPSK-100RB_LOW@Pass



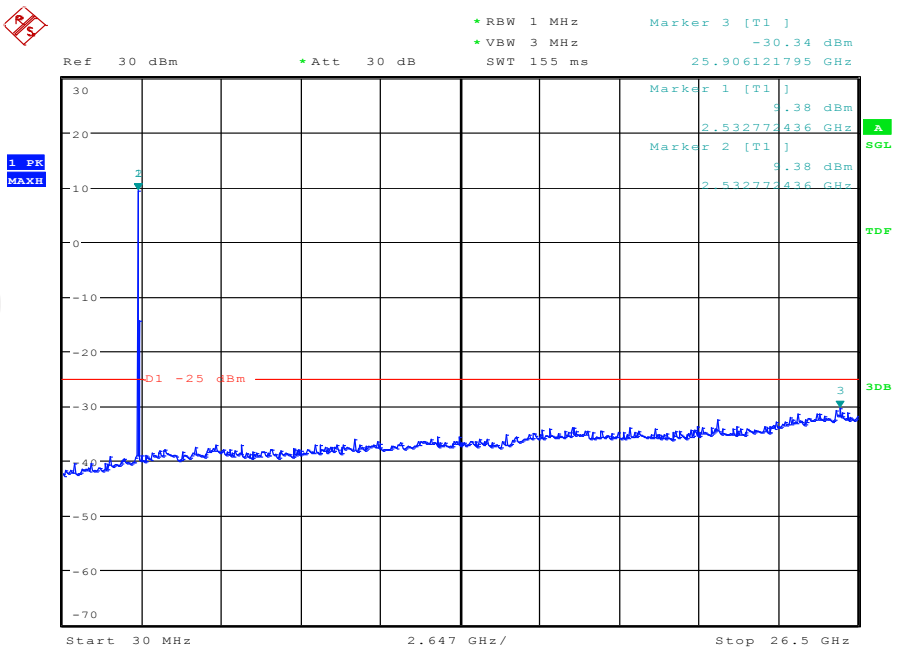
Date: 10.MAY.2017 20:12:54

BW20MHz-2560MHz,Q16-100RB_LOW@Pass



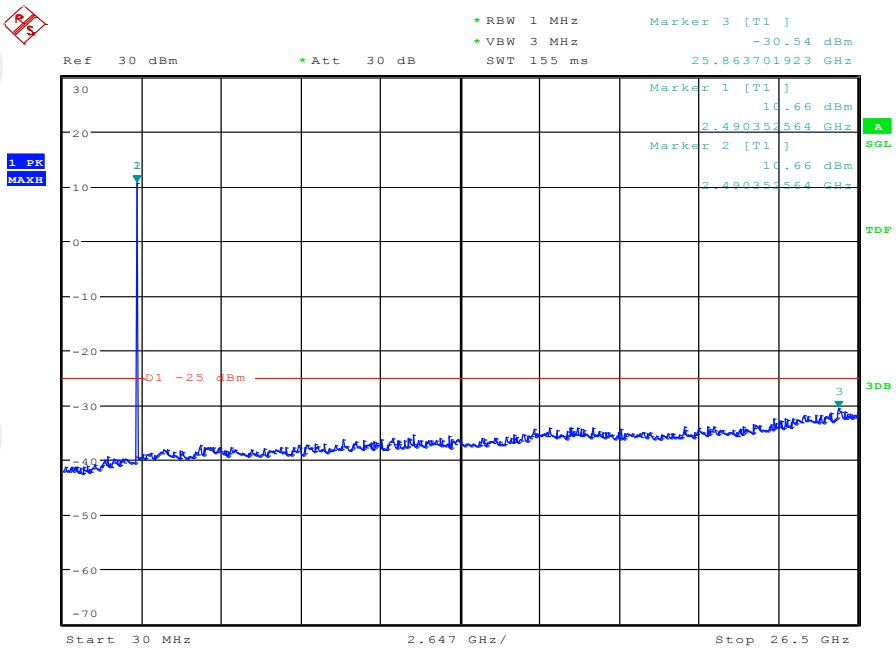
Date: 10.MAY.2017 20:12:34

BW20MHz-2560MHz,QPSK-100RB_LOW@Pass



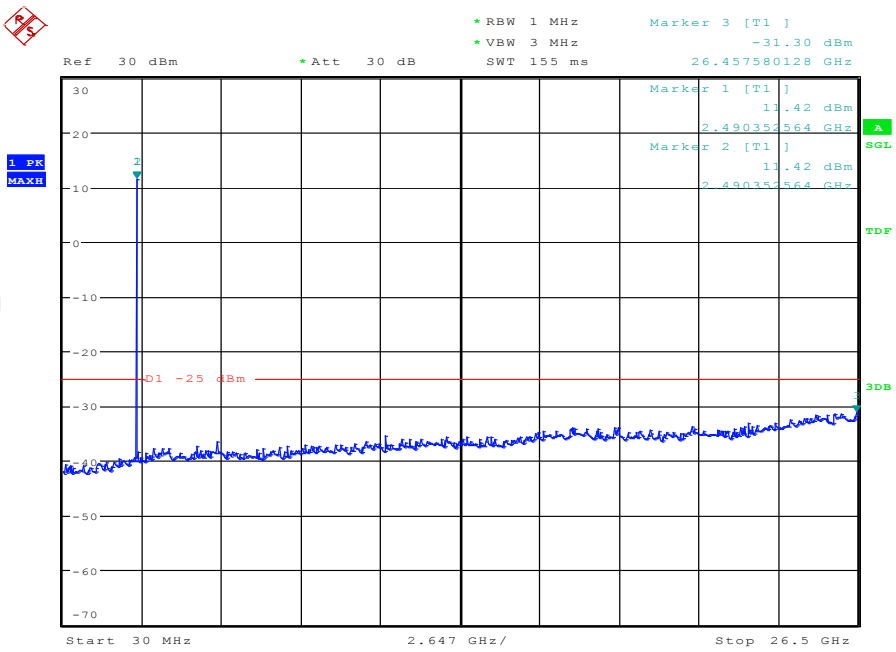
Date: 10.MAY.2017 20:12:15

BW5MHz-2502.5MHz,Q16-25RB_LOW@Pass



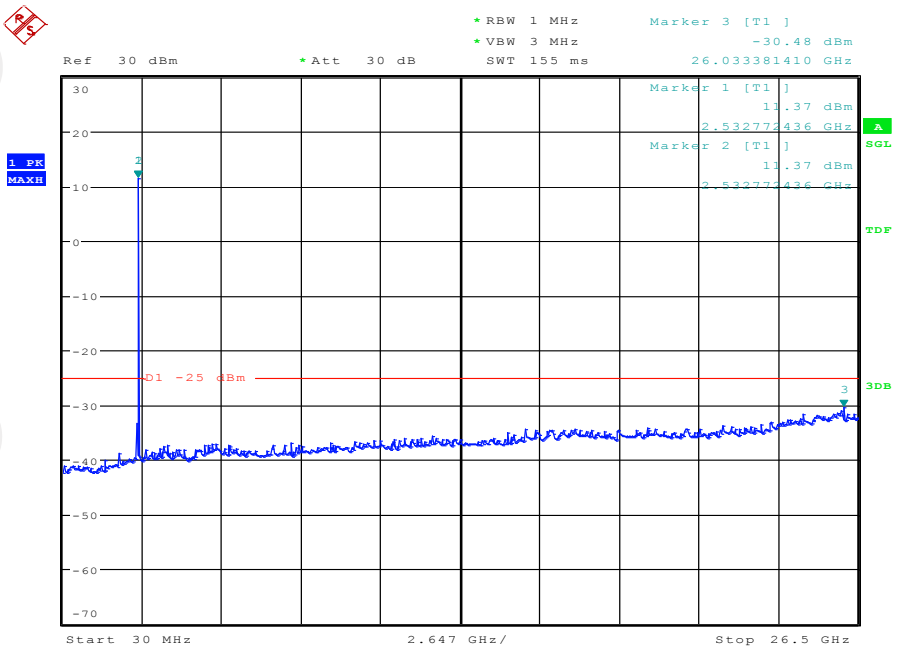
Date: 10.MAY.2017 20:06:27

BW5MHz-2502.5MHz,QPSK-25RB_LOW@Pass



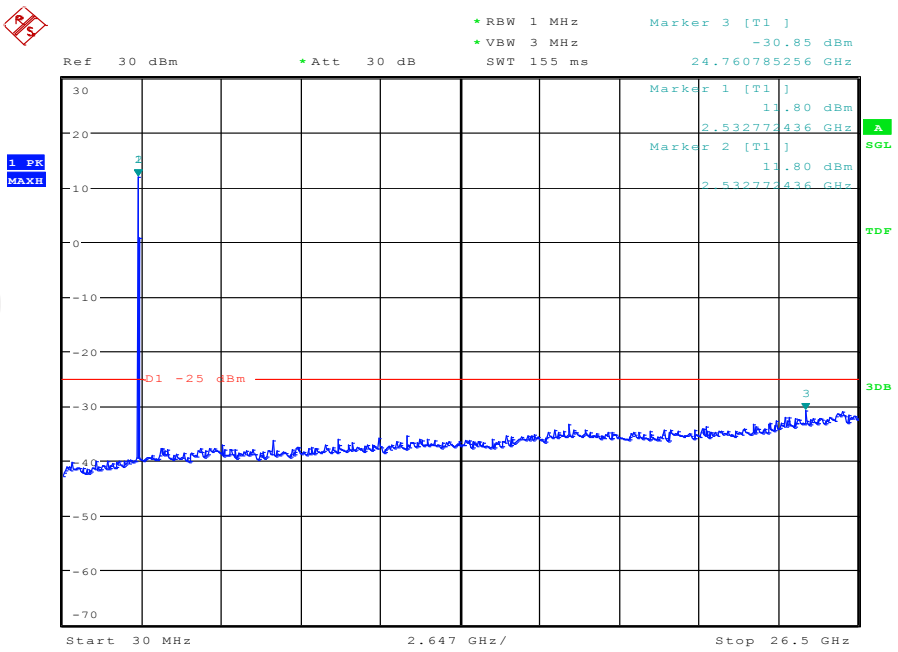
Date: 10.MAY.2017 20:06:10

BW5MHz-2535MHz,QPSK-25RB_LOW@Pass



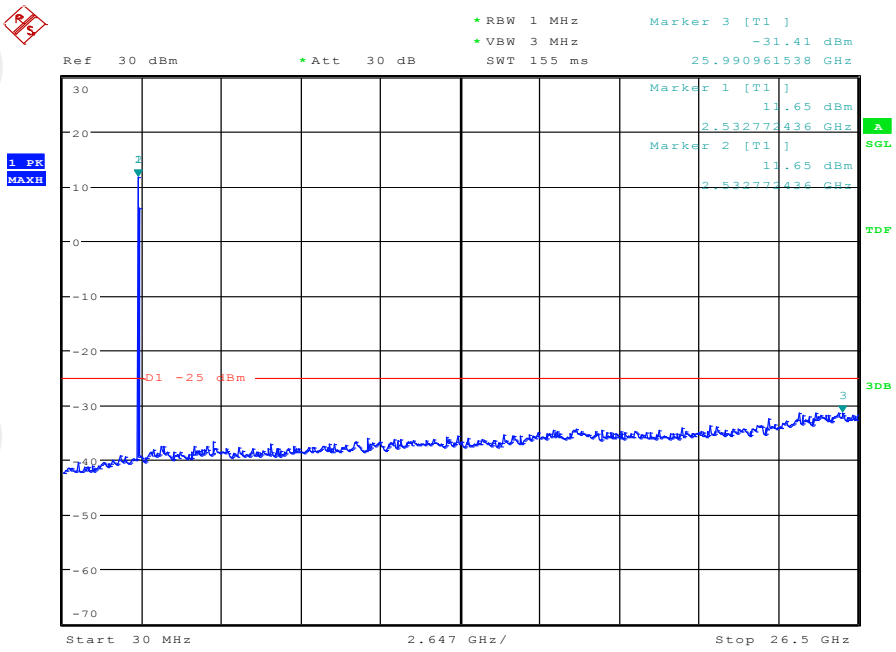
Date: 10.MAY.2017 20:07:33

BW5MHz-2567.5MHz,Q16-25RB_LOW@Pass



Date: 10.MAY.2017 20:07:00

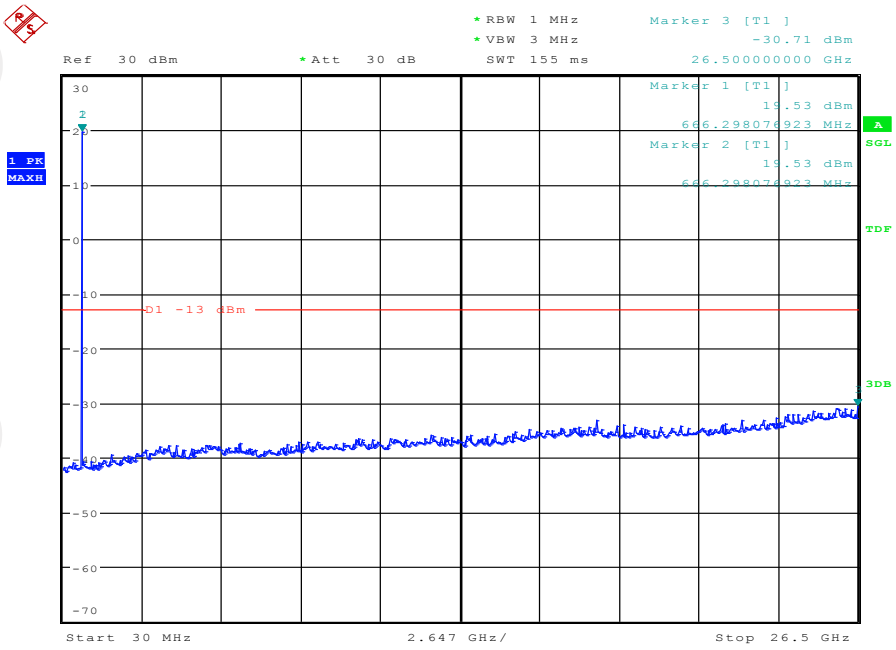
BW5MHz-2567.5MHz,QPSK-25RB_LOW@Pass



Date: 10.MAY.2017 20:06:44

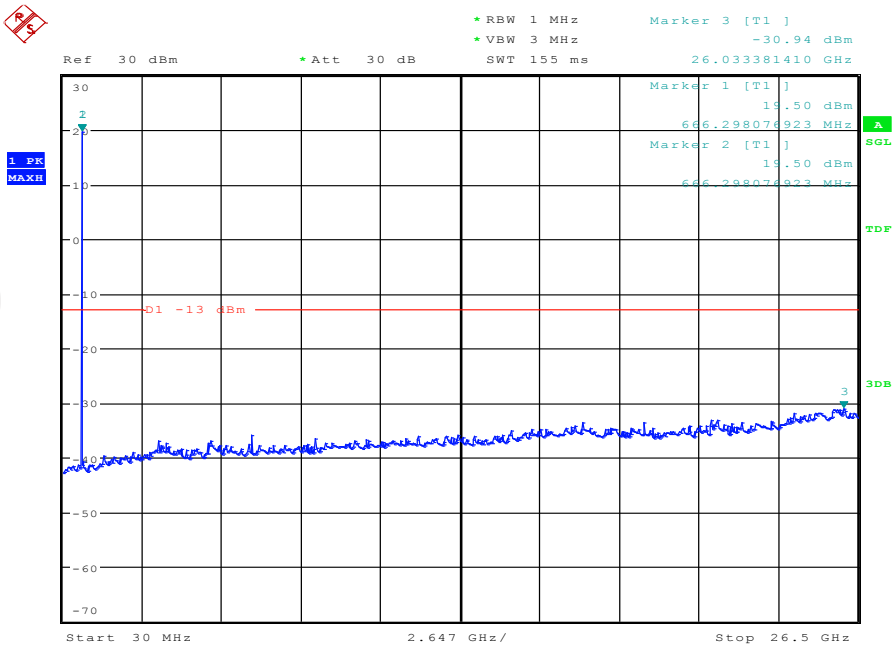
BAND 12@Conducted Spurious Emission

BW1.4MHz-699.7MHz,Q16-6RB_LOW@Pass



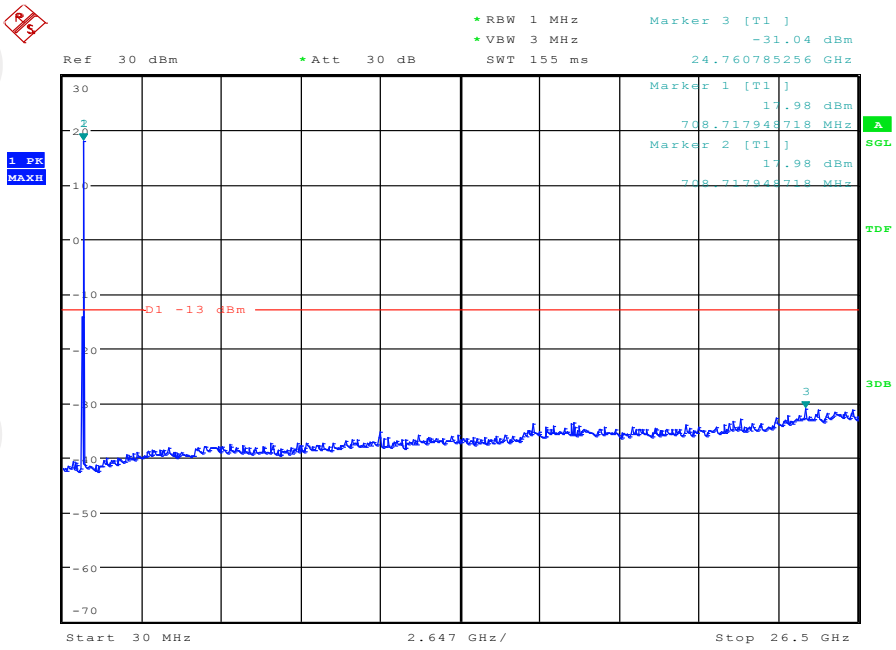
Date: 20.SEP.2017 14:18:36

BW1.4MHz-699.7MHz,QPSK-6RB_LOW@Pass



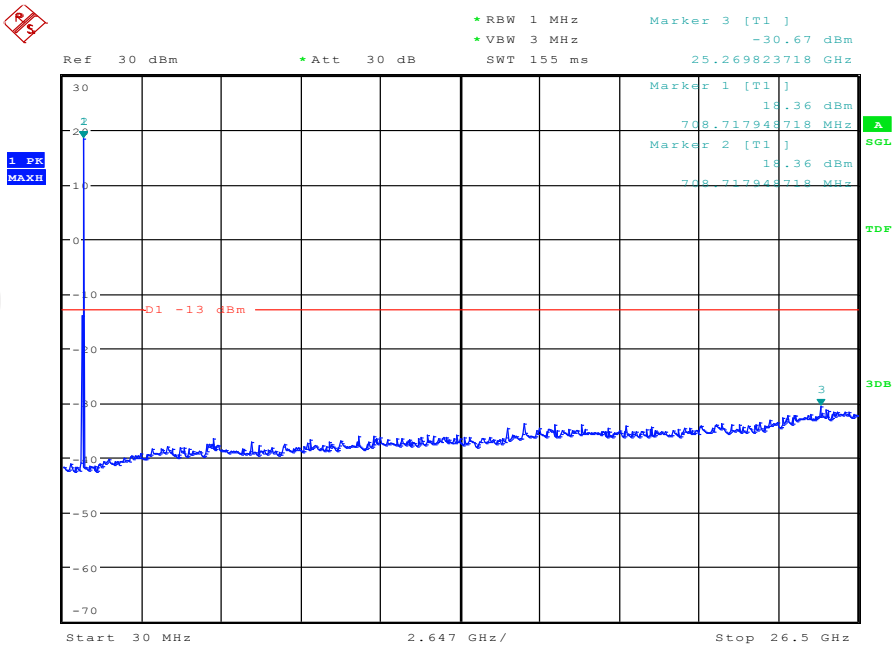
Date: 20.SEP.2017 14:18:20

BW1.4MHz-707.5MHz,Q16-6RB_LOW@Pass



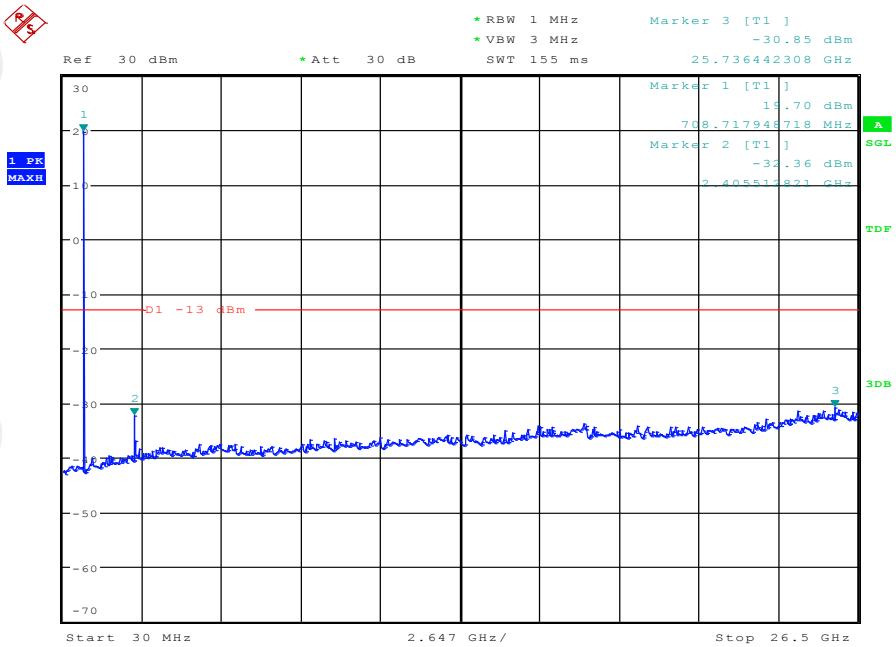
Date: 20.SEP.2017 14:19:45

BW1.4MHz-707.5MHz,QPSK-6RB_LOW@Pass



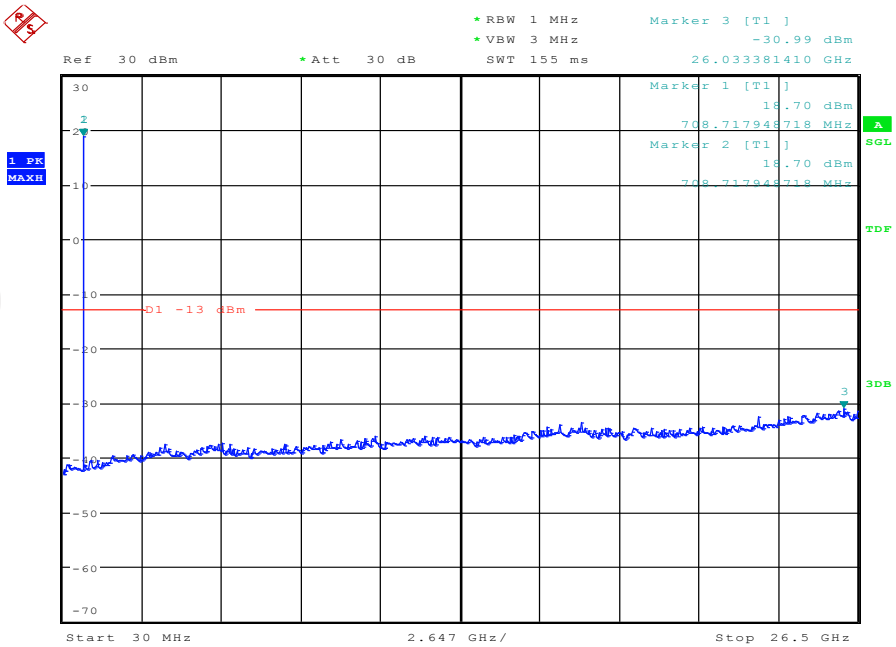
Date: 20.SEP.2017 14:19:28

BW1.4MHz-715.3MHz,Q16-6RB_LOW@Pass



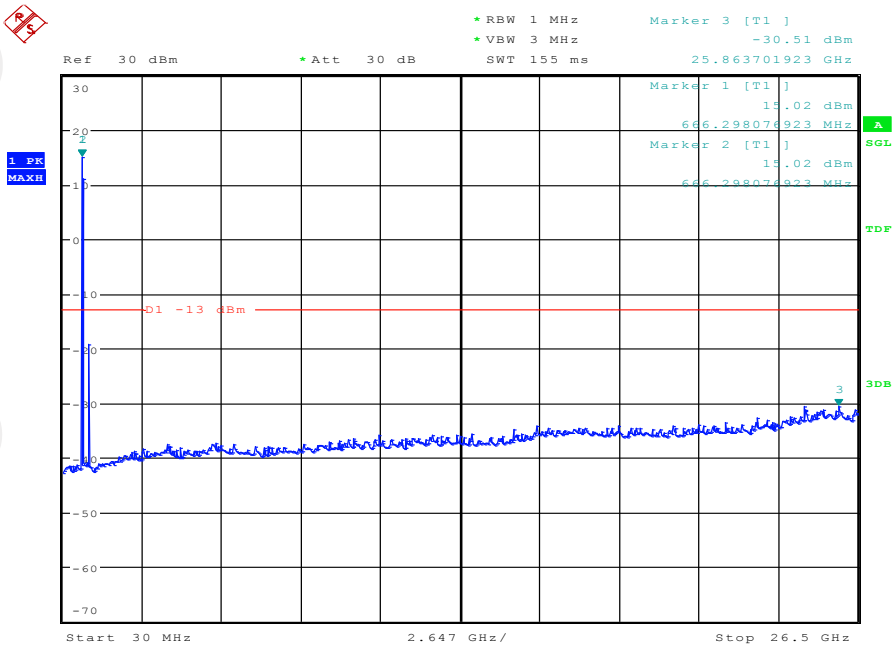
Date: 20.SEP.2017 14:19:11

BW1.4MHz-715.3MHz,QPSK-6RB_LOW@Pass



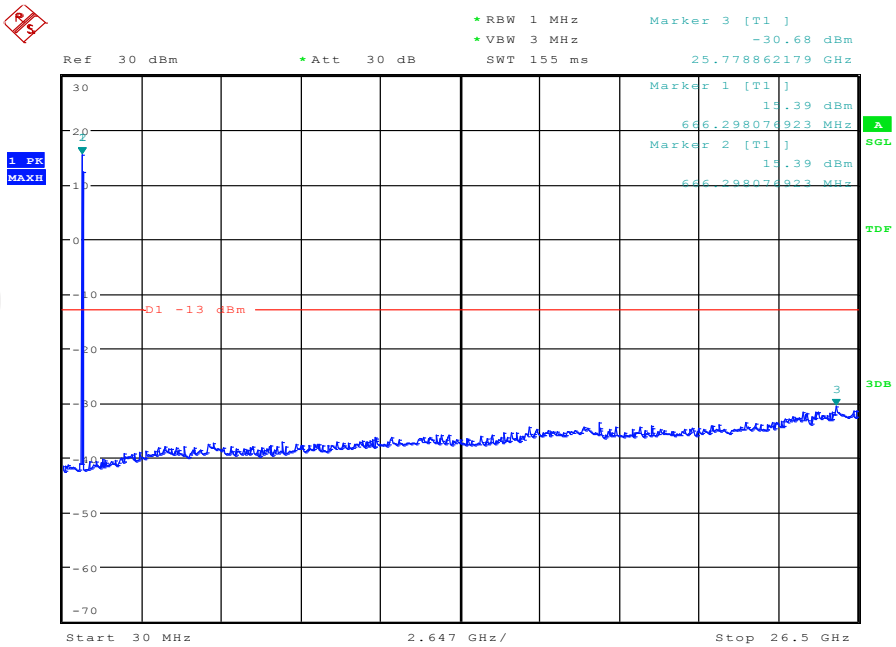
Date: 20.SEP.2017 14:18:54

BW10MHz-704MHz,Q16-50RB_LOW@Pass



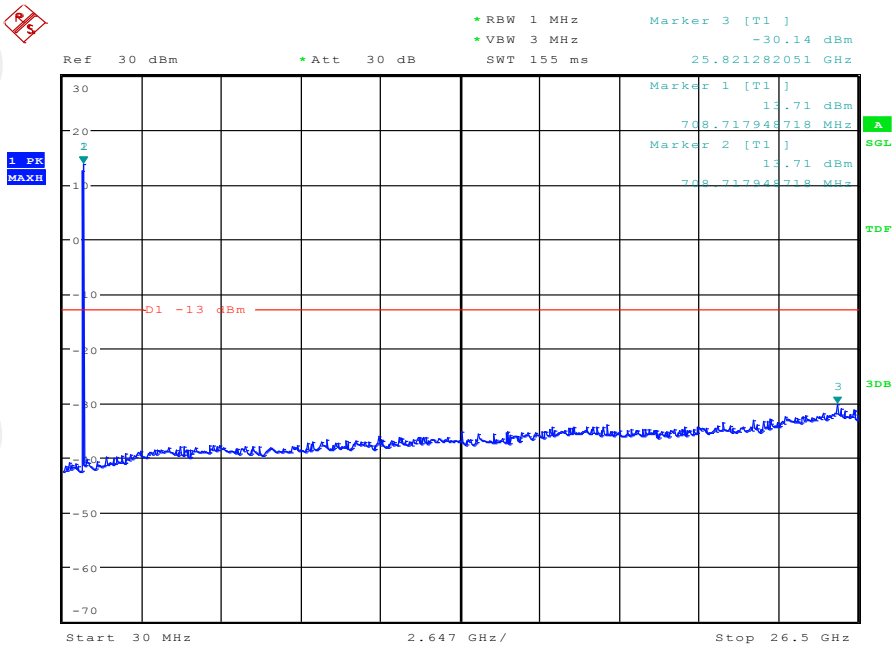
Date: 20.SEP.2017 14:23:56

BW10MHz-704MHz,QPSK-50RB_LOW@Pass



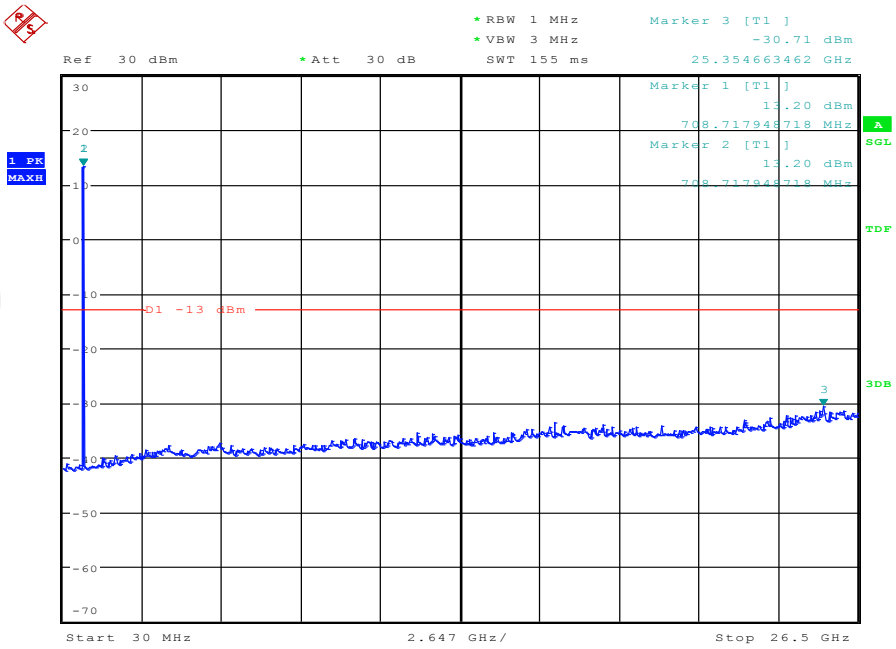
Date: 20.SEP.2017 14:23:39

BW10MHz-707.5MHz,Q16-50RB_LOW@Pass



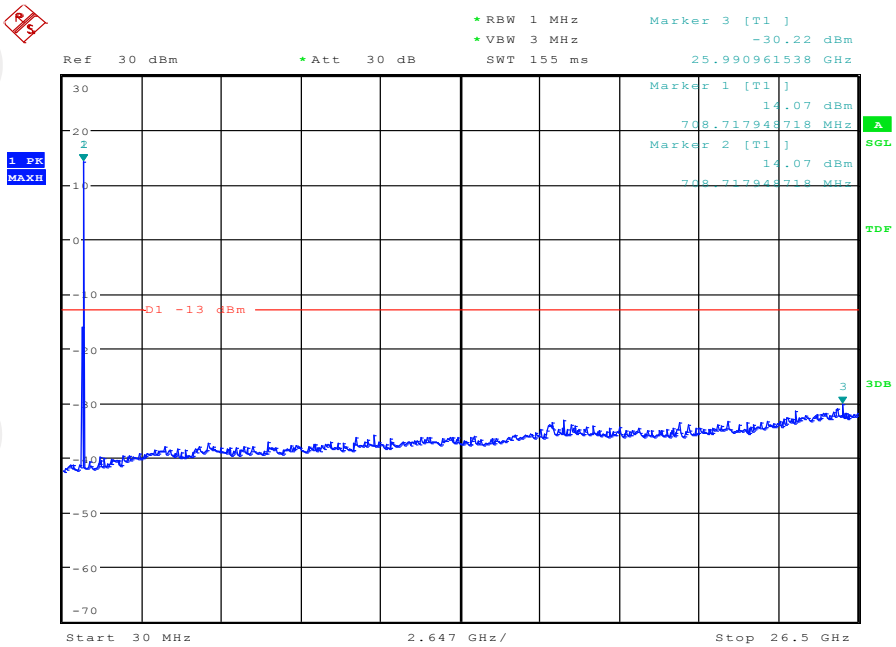
Date: 20.SEP.2017 14:25:08

BW10MHz-707.5MHz,QPSK-50RB_LOW@Pass



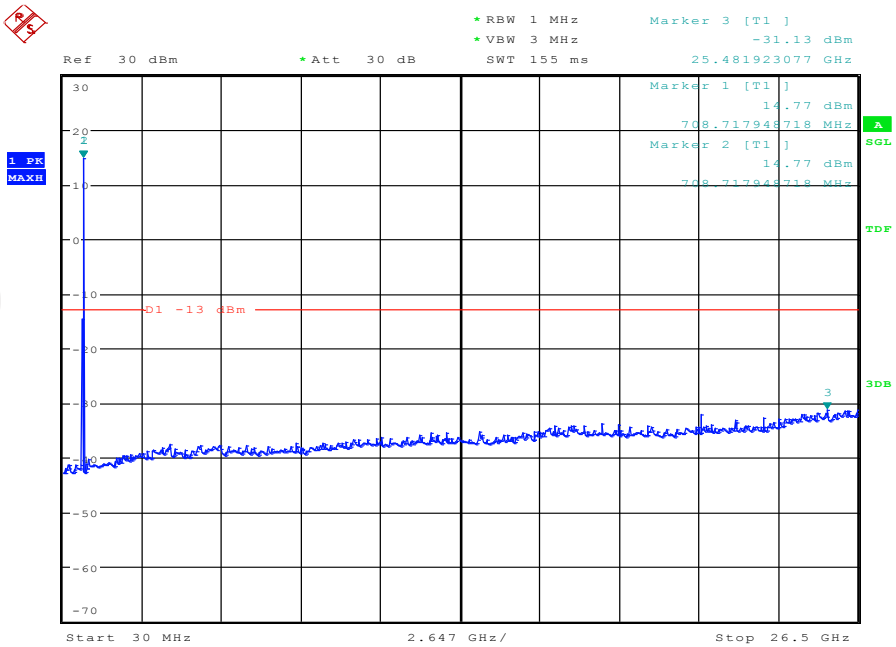
Date: 20.SEP.2017 14:24:51

BW10MHz-711MHz,Q16-50RB_LOW@Pass



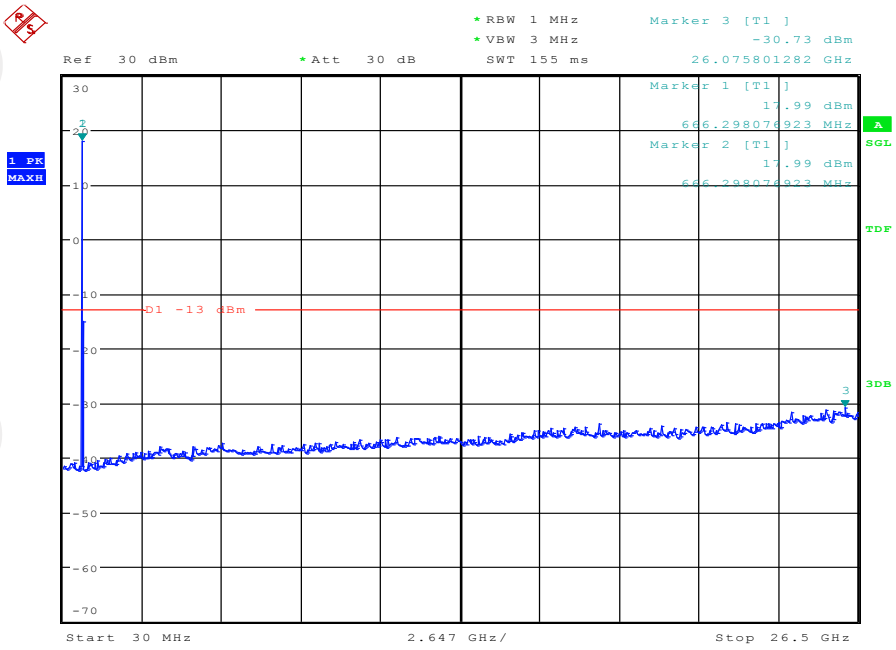
Date: 20.SEP.2017 14:24:32

BW10MHz-711MHz,QPSK-50RB_LOW@Pass



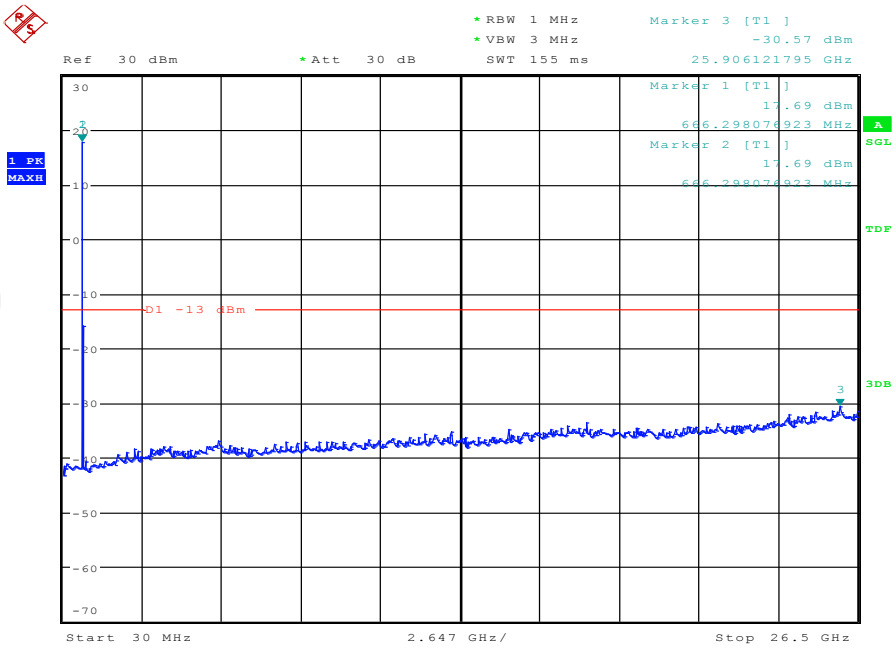
Date: 20.SEP.2017 14:24:15

BW3MHz-700.5MHz,Q16-15RB_LOW@Pass



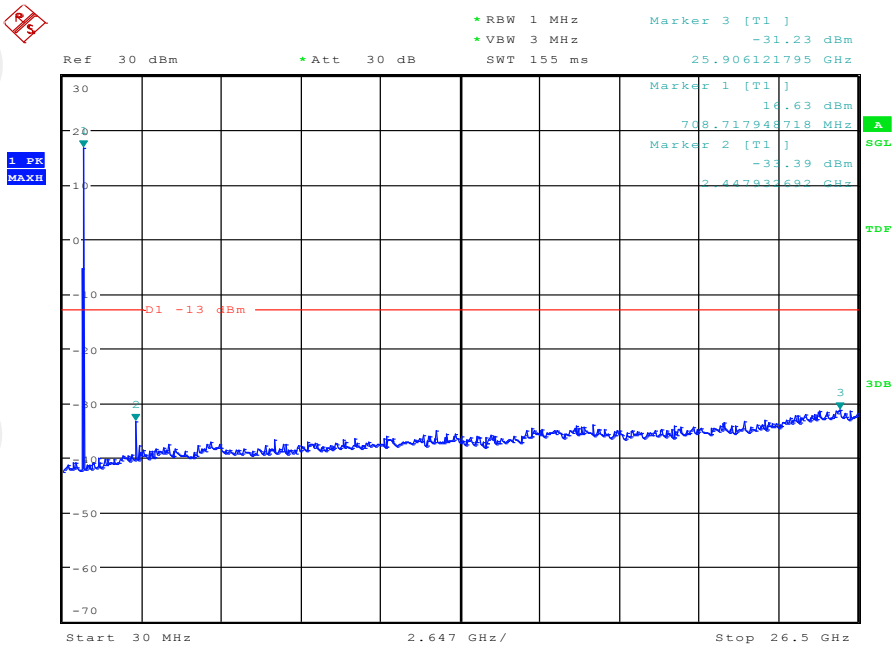
Date: 20.SEP.2017 14:20:21

BW3MHz-700.5MHz,QPSK-15RB_LOW@Pass



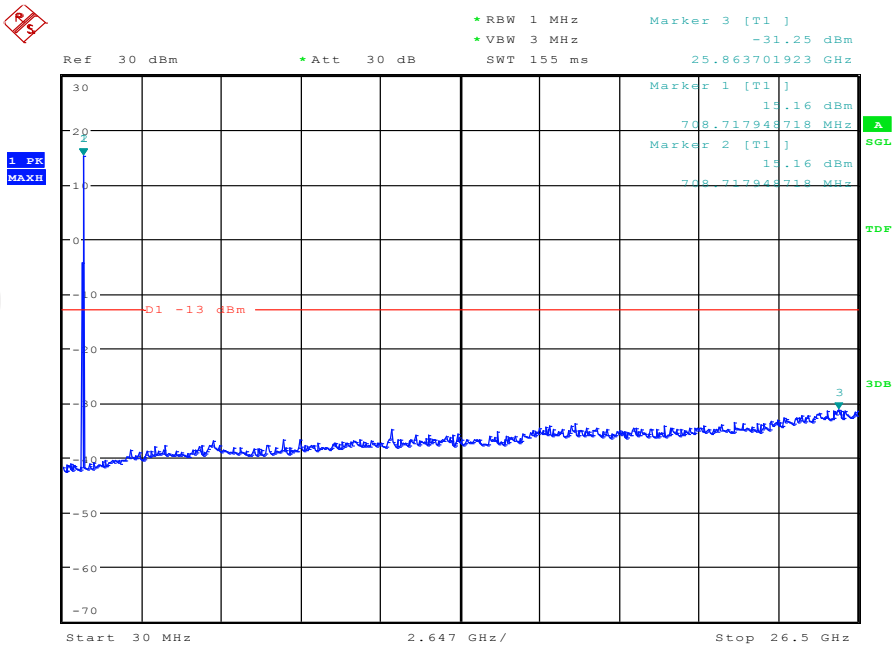
Date: 20.SEP.2017 14:20:04

BW3MHz-707.5MHz,Q16-15RB_LOW@Pass



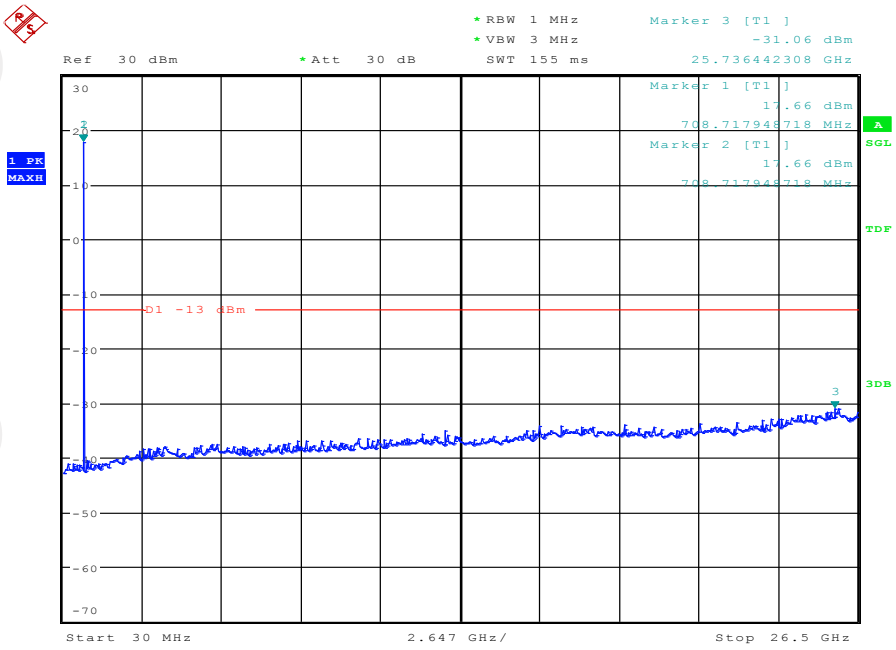
Date: 20.SEP.2017 14:21:30

BW3MHz-707.5MHz,QPSK-15RB_LOW@Pass



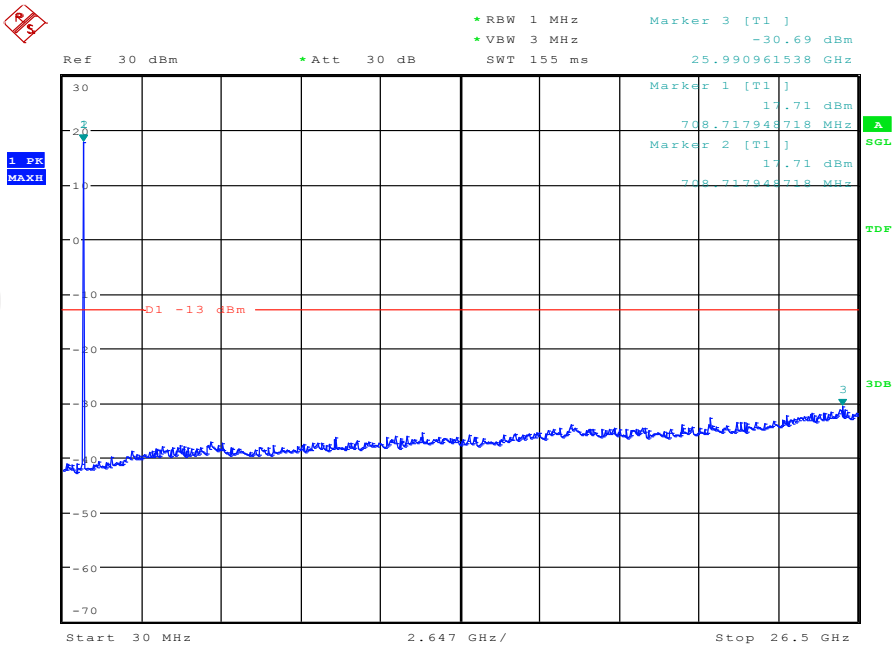
Date: 20.SEP.2017 14:21:13

BW3MHz-714.5MHz,Q16-15RB_LOW@Pass



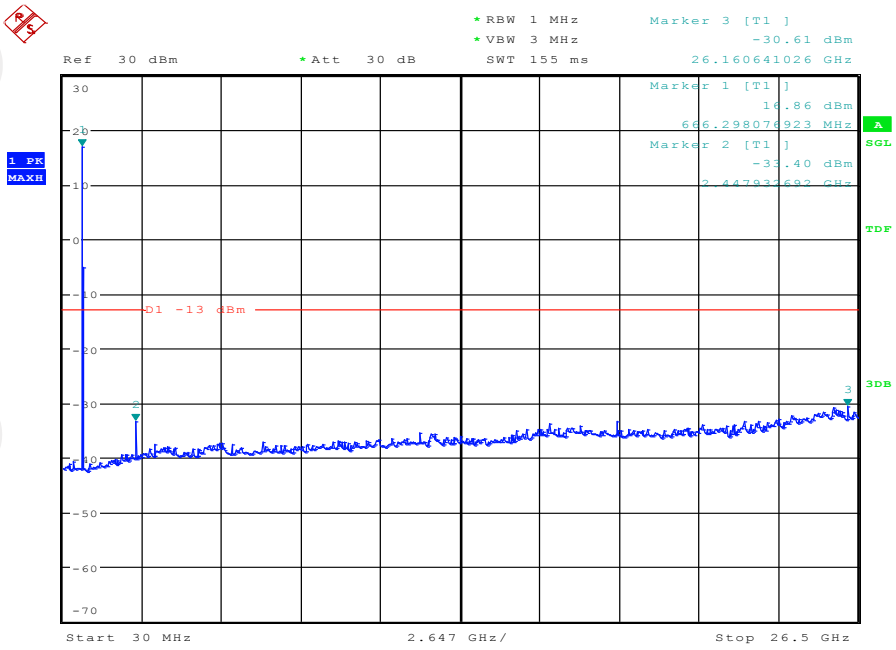
Date: 20.SEP.2017 14:20:55

BW3MHz-714.5MHz,QPSK-15RB_LOW@Pass



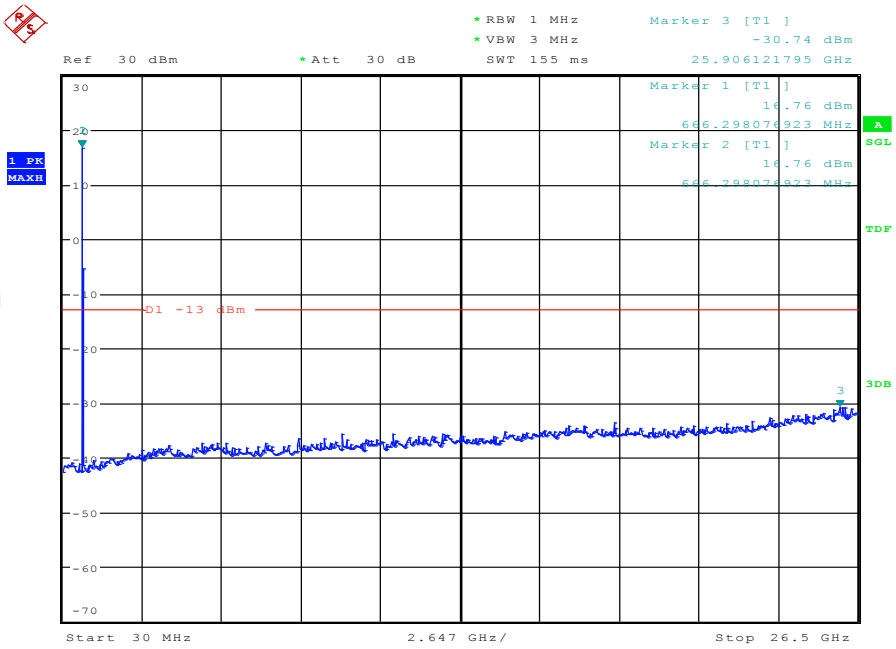
Date: 20.SEP.2017 14:20:38

BW5MHz-701.5MHz,Q16-25RB_LOW@Pass



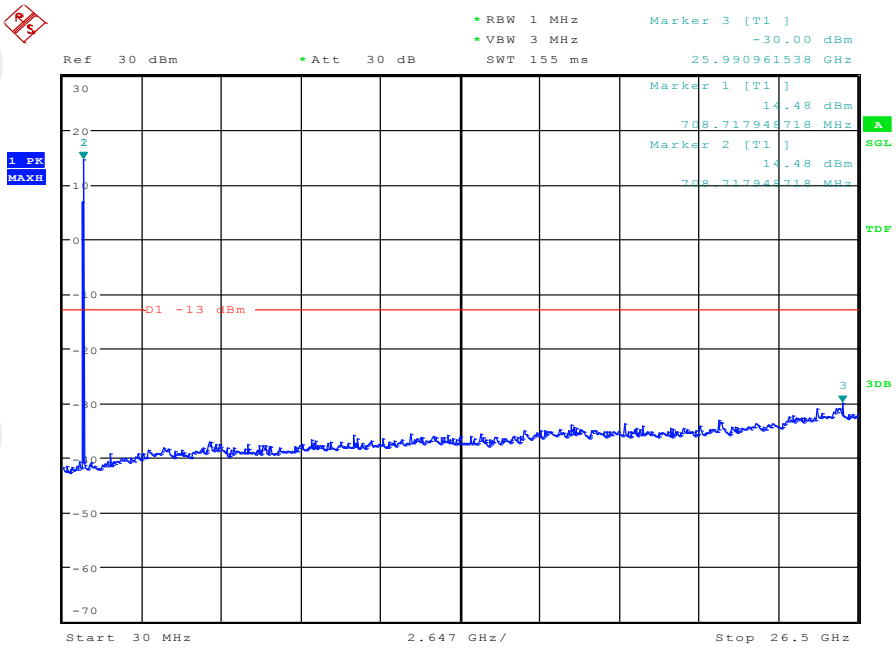
Date: 20.SEP.2017 14:22:07

BW5MHz-701.5MHz,QPSK-25RB_LOW@Pass



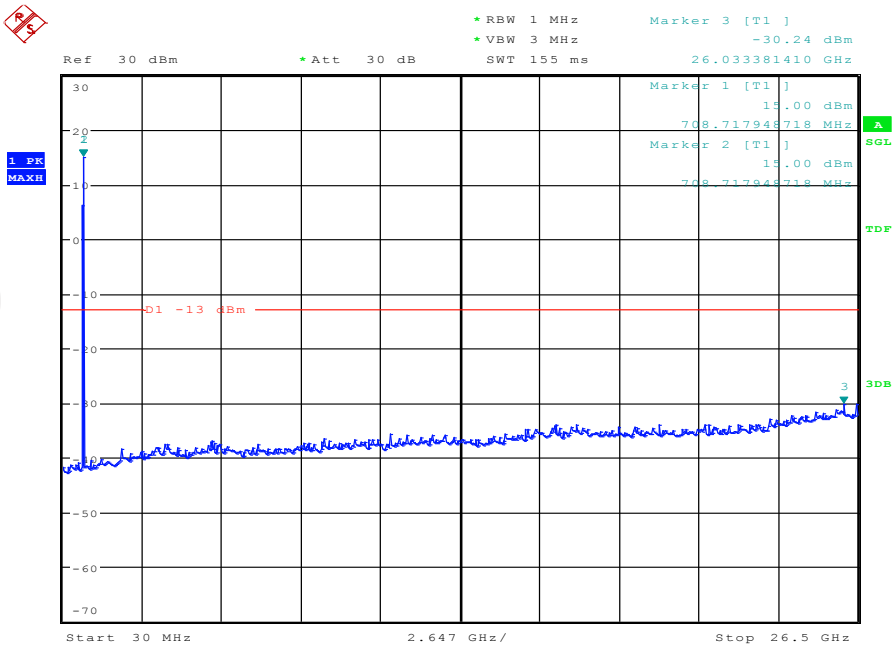
Date: 20.SEP.2017 14:21:50

BW5MHz-707.5MHz,Q16-25RB_LOW@Pass



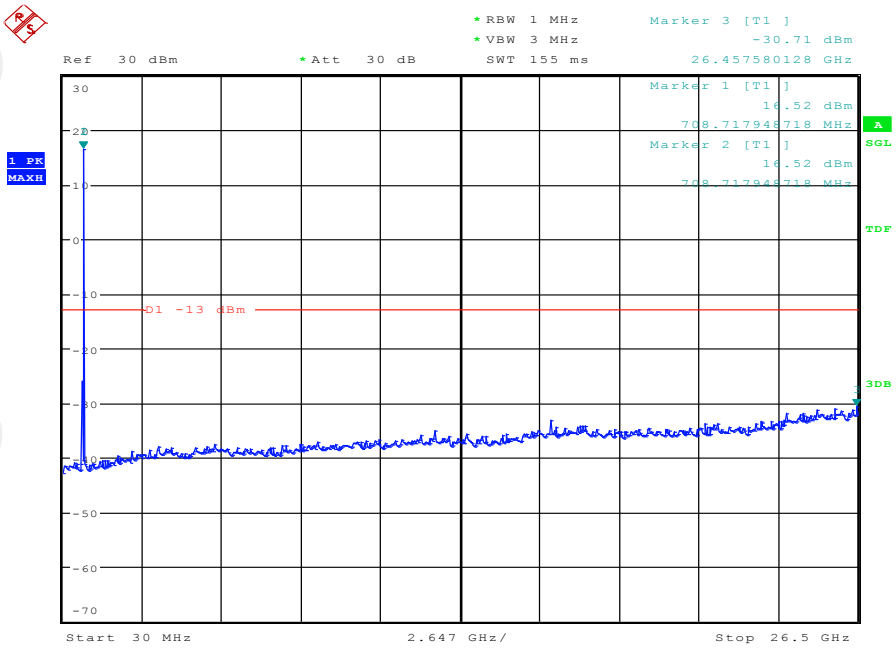
Date: 20.SEP.2017 14:23:18

BW5MHz-707.5MHz,QPSK-25RB_LOW@Pass



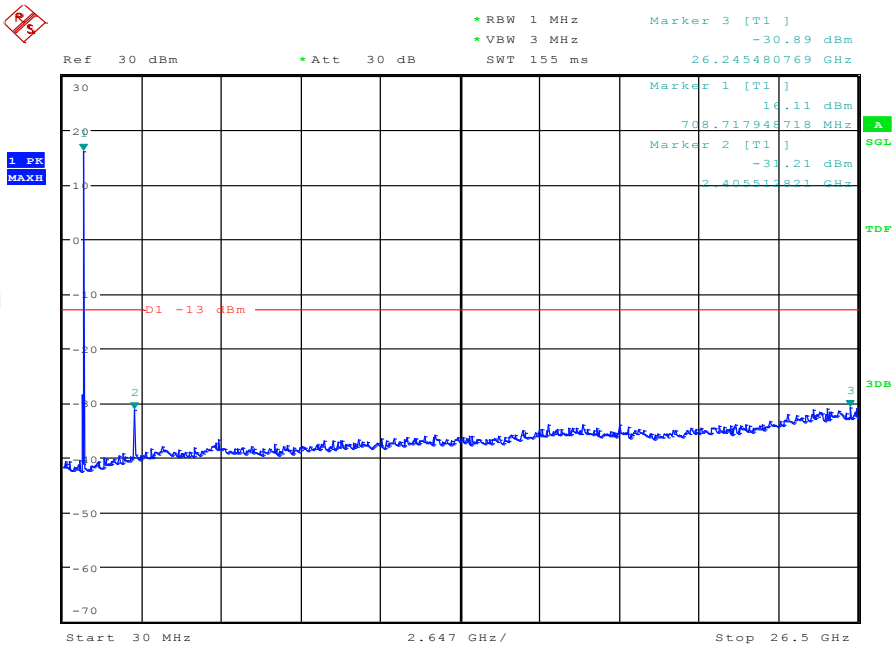
Date: 20.SEP.2017 14:23:01

BW5MHz-713.5MHz,Q16-25RB_LOW@Pass



Date: 20.SEP.2017 14:22:43

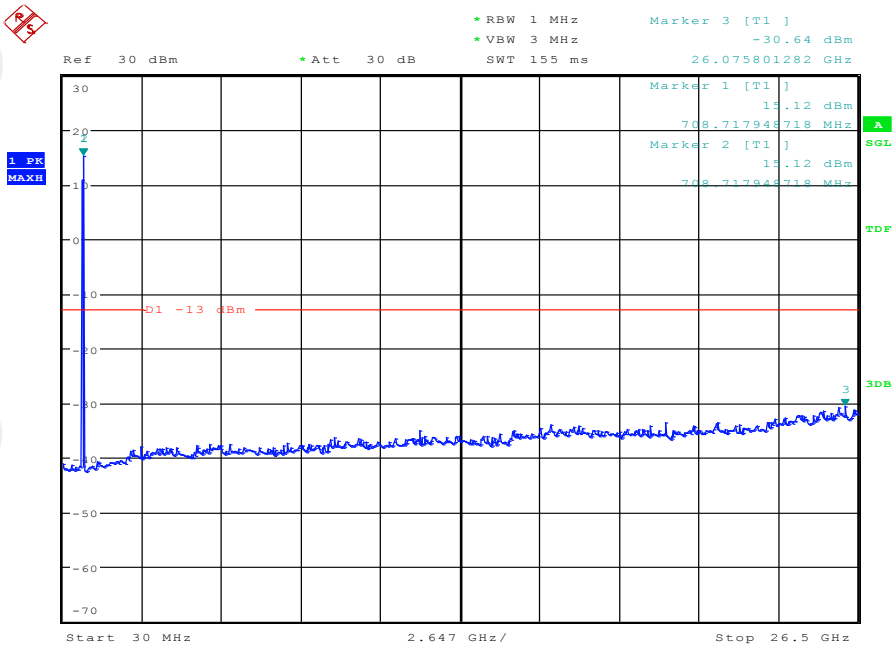
BW5MHz-713.5MHz,QPSK-25RB_LOW@Pass



Date: 20.SEP.2017 14:22:25

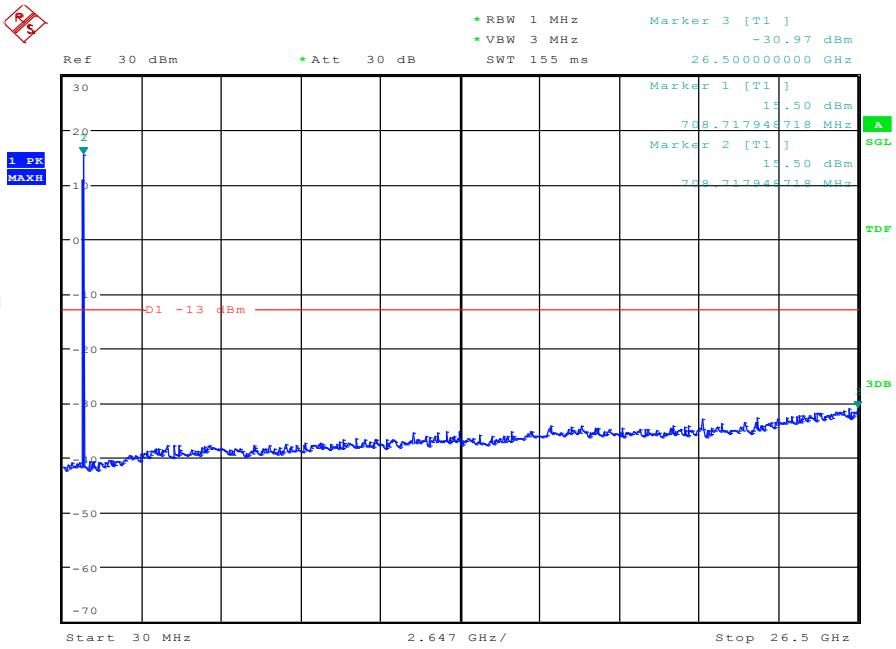
BAND 17@Conducted Spurious Emission

BW10MHz-709MHz,Q16-50RB_LOW@Pass



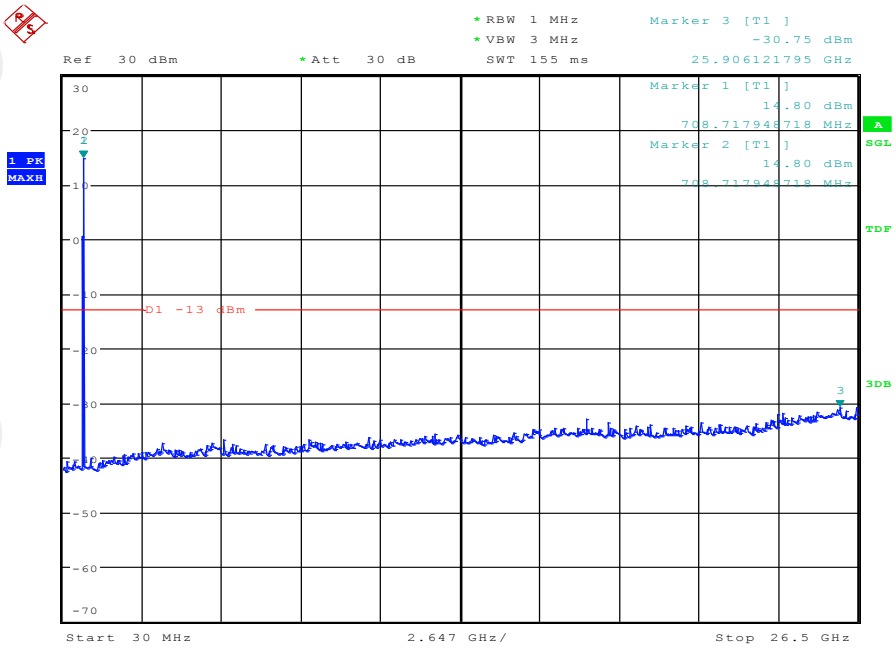
Date: 21.SEP.2017 10:02:32

BW10MHz-709MHz,QPSK-50RB_LOW@Pass



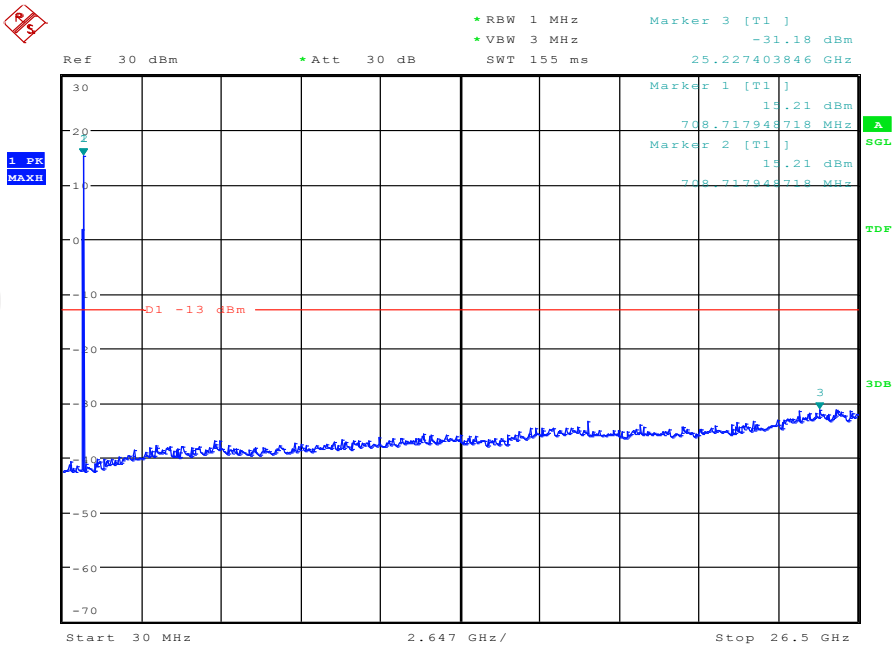
Date: 21.SEP.2017 10:02:14

BW10MHz-710MHz,Q16-50RB_LOW@Pass



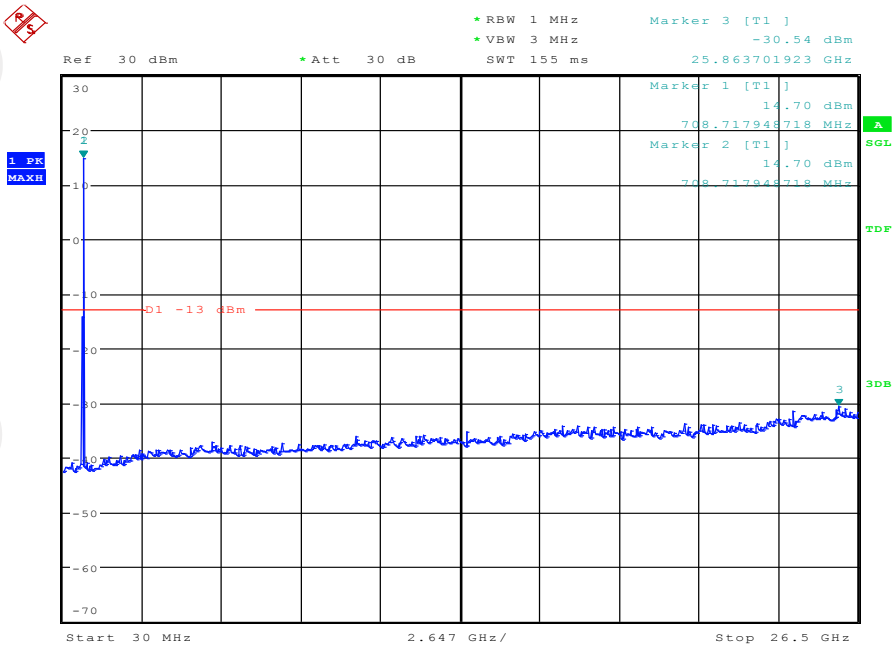
Date: 21.SEP.2017 10:03:43

BW10MHz-710MHz,QPSK-50RB_LOW@Pass



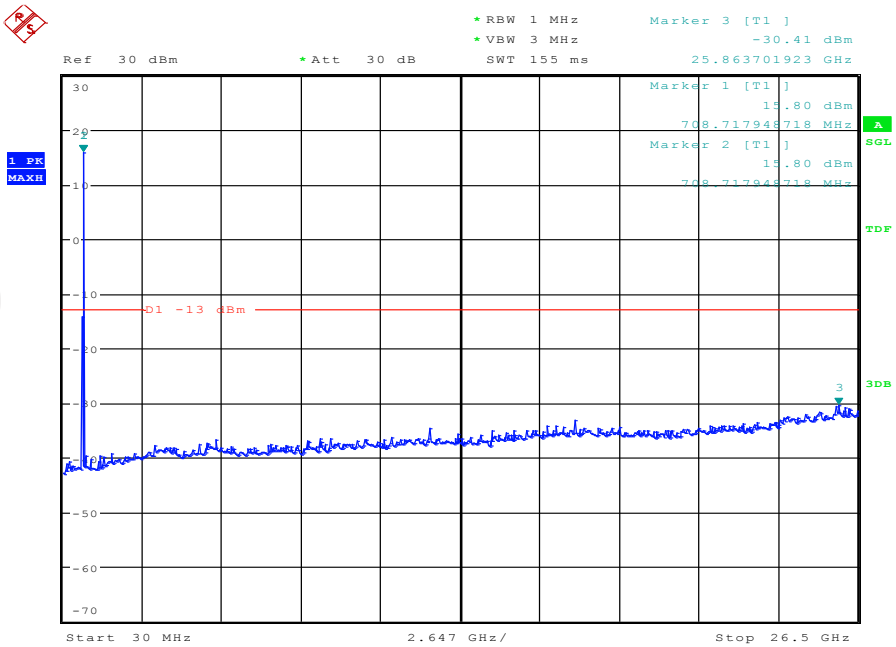
Date: 21.SEP.2017 10:03:26

BW10MHz-711MHz,Q16-50RB_LOW@Pass



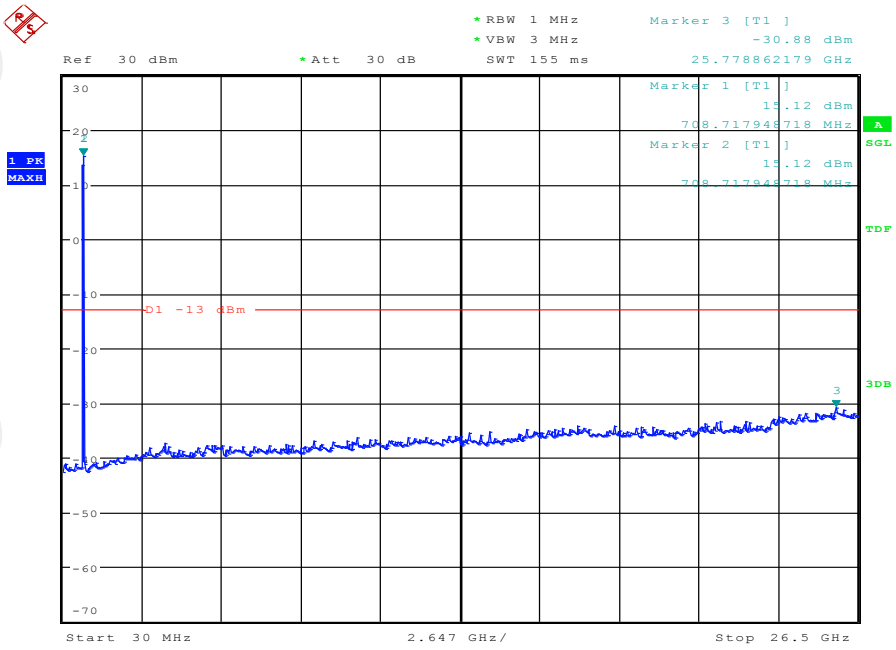
Date: 21.SEP.2017 10:03:07

BW10MHz-711MHz,QPSK-50RB_LOW@Pass



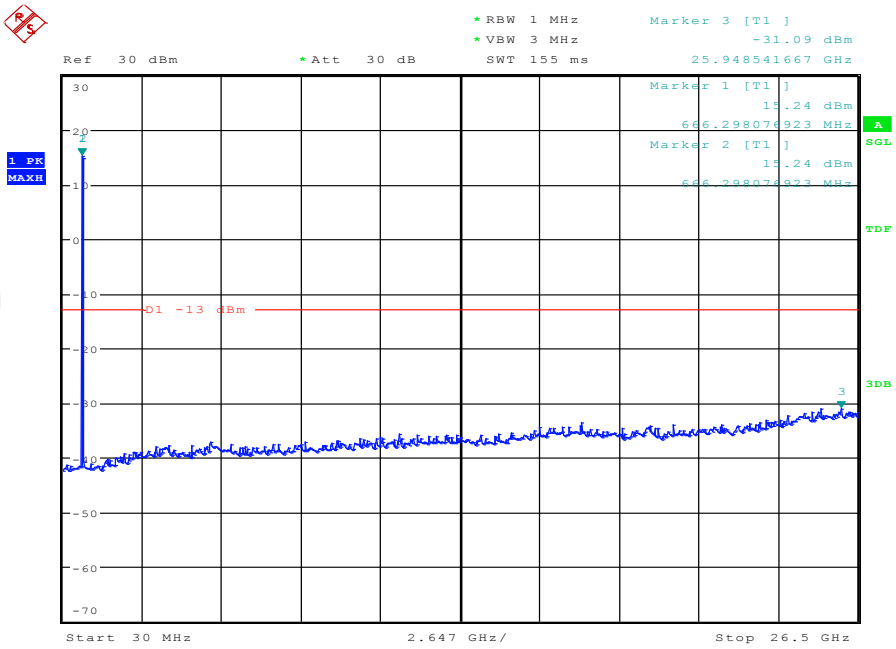
Date: 21.SEP.2017 10:02:50

BW5MHz-706.5MHz,Q16-25RB_LOW@Pass



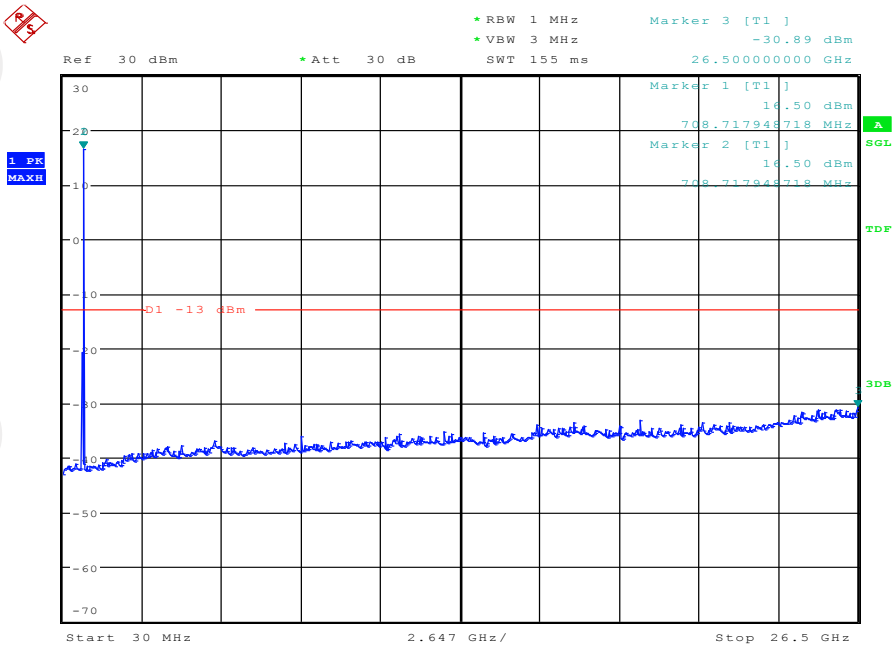
Date: 21.SEP.2017 10:00:44

BW5MHz-706.5MHz,QPSK-25RB_LOW@Pass



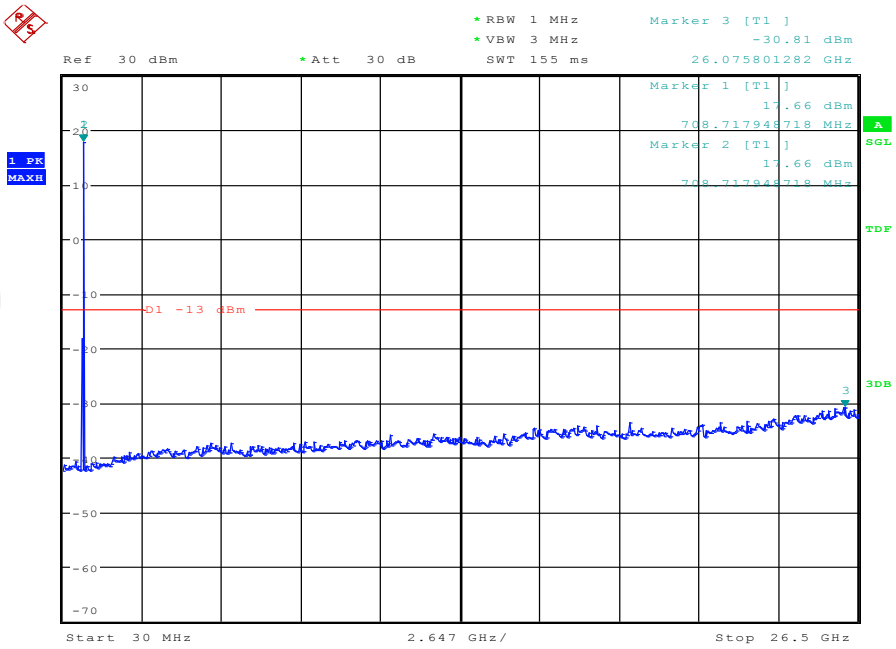
Date: 21.SEP.2017 10:00:27

BW5MHz-710MHz,Q16-25RB_LOW@Pass



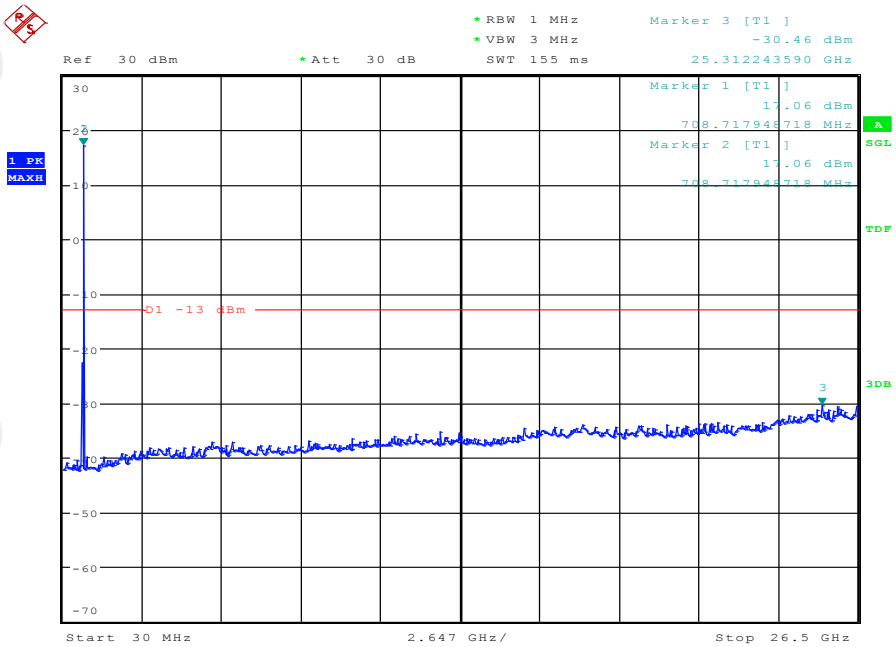
Date: 21.SEP.2017 10:01:54

BW5MHz-710MHz,QPSK-25RB_LOW@Pass



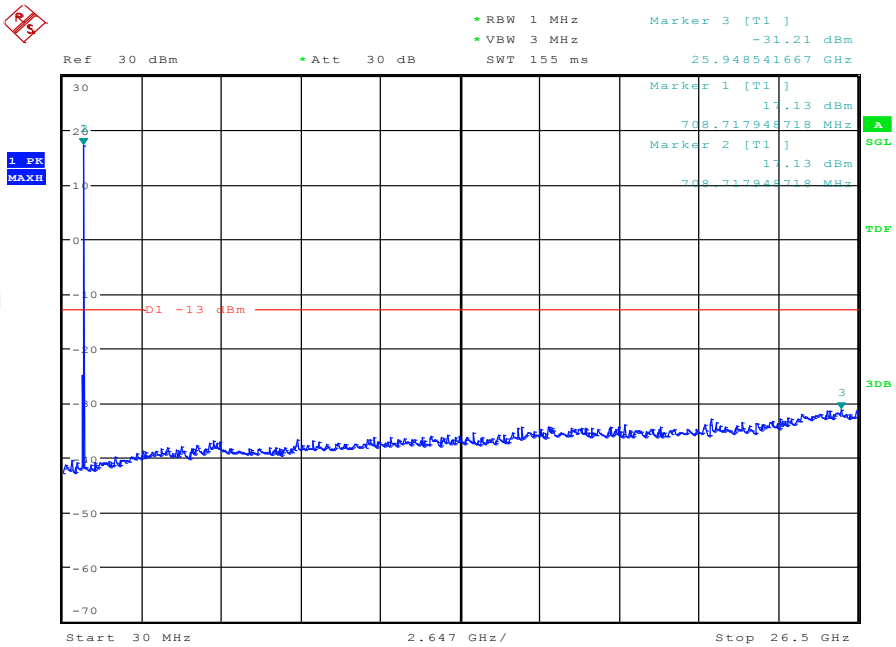
Date: 21.SEP.2017 10:01:37

BW5MHz-713.5MHz,Q16-25RB_LOW@Pass



Date: 21.SEP.2017 10:01:19

BW5MHz-713.5MHz,QPSK-25RB_LOW@Pass



Date: 21.SEP.2017 10:01:02

E-UTRA BANDS

BAND 2:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3720	-62.67	1.51	-61.16	-13	Horizontal
3720	-63.36	1.51	-61.85	-13	Vertical
5580	-64.28	1.51	-62.77	-13	Horizontal
5580	-65.22	1.51	-63.71	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3760	-63.05	1.51	-61.54	-13	Horizontal
3760	-62.50	1.51	-60.99	-13	Vertical
5640	-63.70	1.51	-62.19	-13	Horizontal
5640	-65.21	1.51	-63.70	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3800	-63.13	1.51	-61.62	-13	Horizontal
3800	-62.54	1.51	-61.03	-13	Vertical
5700	-64.36	1.51	-62.85	-13	Horizontal
5700	-64.54	1.51	-63.03	-13	Vertical

BAND 4:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3440	-63.06	1.50	-61.56	-13	Horizontal
3440	-62.61	1.50	-61.11	-13	Vertical
5160	-63.50	1.50	-62.00	-13	Horizontal
5160	-64.84	1.50	-63.34	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3465	-62.69	1.50	-61.19	-13	Horizontal
3465	-63.25	1.50	-61.75	-13	Vertical
5197.5	-63.59	1.50	-62.09	-13	Horizontal
5197.5	-64.64	1.50	-63.14	-13	Vertical

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3490	-62.41	1.50	-60.91	-13	Horizontal
3490	-62.66	1.50	-61.16	-13	Vertical
5235	-63.67	1.50	-62.17	-13	Horizontal
5235	-64.86	1.50	-63.36	-13	Vertical

BAND 5:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1658	-62.35	0.50	-61.85	-13	Horizontal
1658	-63.31	0.50	-62.81	-13	Vertical
2487	-64.30	0.50	-63.80	-13	Horizontal
2487	-65.23	0.50	-64.73	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1673	-62.53	0.50	-62.03	-13	Horizontal
1673	-62.94	0.50	-62.44	-13	Vertical
2509.5	-64.04	0.50	-63.54	-13	Horizontal
2509.5	-64.57	0.50	-64.07	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1688	-62.97	0.50	-62.47	-13	Horizontal
1688	-63.36	0.50	-62.86	-13	Vertical
2532	-63.54	0.50	-63.04	-13	Horizontal
2532	-65.37	0.50	-64.87	-13	Vertical

BAND 7:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
5020	-62.71	1.52	-61.19	-25	Horizontal
5020	-63.26	1.52	-61.74	-25	Vertical
7530	-63.58	1.52	-62.06	-25	Horizontal
7530	-65.02	1.52	-63.50	-25	Vertical

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
5070	-62.80	1.52	-61.28	-25	Horizontal
5070	-63.16	1.52	-61.64	-25	Vertical
7605	-64.11	1.52	-62.59	-25	Horizontal
7605	-65.30	1.52	-63.78	-25	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
5120	-62.45	1.52	-60.93	-25	Horizontal
5120	-62.67	1.52	-61.15	-25	Vertical
7680	-64.17	1.52	-62.65	-25	Horizontal
7680	-65.41	1.52	-63.89	-25	Vertical

BAND 12:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1408	-63.05	1.6	-61.45	-13	Horizontal
1408	-63.30	1.6	-61.70	-13	Vertical
2112	-64.00	1.6	-62.40	-13	Horizontal
2112	-65.17	1.6	-63.57	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1415	-62.34	1.6	-60.74	-13	Horizontal
1415	-63.34	1.6	-61.74	-13	Vertical
2122.5	-63.96	1.6	-62.36	-13	Horizontal
2122.5	-64.78	1.6	-63.18	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1422	-62.80	1.6	-61.20	-13	Horizontal
1422	-63.38	1.6	-61.78	-13	Vertical
2133	-63.63	1.6	-62.03	-13	Horizontal
2133	-64.69	1.6	-63.09	-13	Vertical

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

BAND 17:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1418	-62.35	1.59	-60.76	-13	Horizontal
1418	-62.63	1.59	-61.04	-13	Vertical
2127	-63.86	1.59	-62.27	-13	Horizontal
2127	-65.45	1.59	-63.86	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1420	-62.60	1.59	-61.01	-13	Horizontal
1420	-63.07	1.59	-61.48	-13	Vertical
2130	-63.58	1.59	-61.99	-13	Horizontal
2130	-65.09	1.59	-63.50	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1422	-62.65	1.59	-61.06	-13	Horizontal
1422	-63.09	1.59	-61.50	-13	Vertical
2133	-64.34	1.59	-62.75	-13	Horizontal
2133	-64.64	1.59	-63.05	-13	Vertical

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Appendix F: Frequency Stability

Test Result

BAND 2:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
1.4	18900	1880	QPSK	1	LOW	1.7	0.000904
1.4	18900	1880	QPSK	1	MID	-2.3	-0.00122
1.4	18900	1880	QPSK	1	HIGH	-1.4	-0.00074
1.4	18900	1880	QPSK	3	LOW	2.9	0.001543
1.4	18900	1880	QPSK	3	MID	-2.4	-0.00128
1.4	18900	1880	QPSK	3	HIGH	-2.1	-0.00112
1.4	18900	1880	QPSK	6	LOW	-2.6	-0.00138
1.4	18900	1880	Q16	1	LOW	-1.8	-0.00096
1.4	18900	1880	Q16	1	MID	2.8	0.001489
1.4	18900	1880	Q16	1	HIGH	1.2	0.000638
1.4	18900	1880	Q16	3	LOW	-2.7	-0.00144
1.4	18900	1880	Q16	3	MID	-2.1	-0.00112
1.4	18900	1880	Q16	3	HIGH	0.4	0.000213
1.4	18900	1880	Q16	6	LOW	-0.7	-0.00037
3	18900	1880	QPSK	1	LOW	-2.5	-0.00133
3	18900	1880	QPSK	1	MID	2.9	0.001543
3	18900	1880	QPSK	1	HIGH	-4.2	-0.00223
3	18900	1880	QPSK	8	LOW	-4.4	-0.00234
3	18900	1880	QPSK	8	MID	3.3	0.001755
3	18900	1880	QPSK	8	HIGH	-1.6	-0.00085
3	18900	1880	QPSK	15	LOW	1.1	0.000585
3	18900	1880	Q16	1	LOW	4.5	0.002394
3	18900	1880	Q16	1	MID	4.6	0.002447
3	18900	1880	Q16	1	HIGH	-0.8	-0.00043
3	18900	1880	Q16	8	LOW	-3.5	-0.00186
3	18900	1880	Q16	8	MID	-2.1	-0.00112
3	18900	1880	Q16	8	HIGH	0.5	0.000266
3	18900	1880	Q16	15	LOW	4.7	0.0025
5	18900	1880	QPSK	1	LOW	-2.1	-0.00112
5	18900	1880	QPSK	1	MID	3.3	0.001755
5	18900	1880	QPSK	1	HIGH	-3.8	-0.00202
5	18900	1880	QPSK	12	LOW	-3.3	-0.00176

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
5	18900	1880	QPSK	12	MID	0.7	0.000372
5	18900	1880	QPSK	12	HIGH	0.7	0.000372
5	18900	1880	QPSK	25	LOW	2.9	0.001543
5	18900	1880	Q16	1	LOW	-3	-0.0016
5	18900	1880	Q16	1	MID	1.2	0.000638
5	18900	1880	Q16	1	HIGH	-1.4	-0.00074
5	18900	1880	Q16	12	LOW	4.7	0.0025
5	18900	1880	Q16	12	MID	-2.2	-0.00117
5	18900	1880	Q16	12	HIGH	3.8	0.002021
5	18900	1880	Q16	25	LOW	-3.4	-0.00181
10	18900	1880	QPSK	1	LOW	-3.8	-0.00202
10	18900	1880	QPSK	1	MID	1.9	0.001011
10	18900	1880	QPSK	1	HIGH	2.5	0.00133
10	18900	1880	QPSK	25	LOW	-3.5	-0.00186
10	18900	1880	QPSK	25	MID	0.7	0.000372
10	18900	1880	QPSK	25	HIGH	4.7	0.0025
10	18900	1880	QPSK	50	LOW	-1.7	-0.0009
10	18900	1880	Q16	1	LOW	-1.1	-0.00059
10	18900	1880	Q16	1	MID	4.8	0.002553
10	18900	1880	Q16	1	HIGH	-0.8	-0.00043
10	18900	1880	Q16	25	LOW	-3.9	-0.00207
10	18900	1880	Q16	25	MID	1.8	0.000957
10	18900	1880	Q16	25	HIGH	-0.5	-0.00027
10	18900	1880	Q16	50	LOW	-4.3	-0.00229
15	18900	1880	QPSK	1	LOW	-1.3	-0.00069
15	18900	1880	QPSK	1	MID	-4.9	-0.00261
15	18900	1880	QPSK	1	HIGH	-2.4	-0.00128
15	18900	1880	QPSK	36	LOW	-3.1	-0.00165
15	18900	1880	QPSK	36	MID	-3.7	-0.00197
15	18900	1880	QPSK	36	HIGH	0.3	0.00016
15	18900	1880	QPSK	75	LOW	-2.3	-0.00122
15	18900	1880	Q16	1	LOW	2	0.001064
15	18900	1880	Q16	1	MID	-3.7	-0.00197
15	18900	1880	Q16	1	HIGH	-0.4	-0.00021
15	18900	1880	Q16	36	LOW	4.3	0.002287
15	18900	1880	Q16	36	MID	-3.1	-0.00165
15	18900	1880	Q16	36	HIGH	3.1	0.001649

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
15	18900	1880	Q16	75	LOW	0.2	0.000106
20	18900	1880	QPSK	1	LOW	2.2	0.00117
20	18900	1880	QPSK	1	MID	-3.8	-0.00202
20	18900	1880	QPSK	1	HIGH	2.1	0.001117
20	18900	1880	QPSK	50	LOW	4.5	0.002394
20	18900	1880	QPSK	50	MID	4.4	0.00234
20	18900	1880	QPSK	50	HIGH	-4.2	-0.00223
20	18900	1880	QPSK	100	LOW	-3.7	-0.00197
20	18900	1880	Q16	1	LOW	-1.3	-0.00069
20	18900	1880	Q16	1	MID	3	0.001596
20	18900	1880	Q16	1	HIGH	-0.4	-0.00021
20	18900	1880	Q16	50	LOW	3.7	0.001968
20	18900	1880	Q16	50	MID	-0.6	-0.00032
20	18900	1880	Q16	50	HIGH	-2.5	-0.00133
20	18900	1880	Q16	100	LOW	-0.7	-0.00037

BAND 4:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
1.4	20175	1732.5	QPSK	1	LOW	2	0.001154
1.4	20175	1732.5	QPSK	1	MID	-3.1	-0.00179
1.4	20175	1732.5	QPSK	1	HIGH	2.1	0.001212
1.4	20175	1732.5	QPSK	3	LOW	-1.8	-0.00104
1.4	20175	1732.5	QPSK	3	MID	-2.7	-0.00156
1.4	20175	1732.5	QPSK	3	HIGH	0.4	0.000231
1.4	20175	1732.5	QPSK	6	LOW	0.6	0.000346
1.4	20175	1732.5	Q16	1	LOW	-3.4	-0.00196
1.4	20175	1732.5	Q16	1	MID	-4	-0.00231
1.4	20175	1732.5	Q16	1	HIGH	1.1	0.000635
1.4	20175	1732.5	Q16	3	LOW	-1.2	-0.00069
1.4	20175	1732.5	Q16	3	MID	0.6	0.000346
1.4	20175	1732.5	Q16	3	HIGH	-4	-0.00231
1.4	20175	1732.5	Q16	6	LOW	1.8	0.001039
3	20175	1732.5	QPSK	1	LOW	-0.8	-0.00046
3	20175	1732.5	QPSK	1	MID	-3.9	-0.00225
3	20175	1732.5	QPSK	1	HIGH	2.1	0.001212

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
3	20175	1732.5	QPSK	8	LOW	-2	-0.00115
3	20175	1732.5	QPSK	8	MID	0.4	0.000231
3	20175	1732.5	QPSK	8	HIGH	4.8	0.002771
3	20175	1732.5	QPSK	15	LOW	0.9	0.000519
3	20175	1732.5	Q16	1	LOW	2.3	0.001328
3	20175	1732.5	Q16	1	MID	-3.2	-0.00185
3	20175	1732.5	Q16	1	HIGH	-0.7	-0.0004
3	20175	1732.5	Q16	8	LOW	-1	-0.00058
3	20175	1732.5	Q16	8	MID	3.1	0.001789
3	20175	1732.5	Q16	8	HIGH	-2	-0.00115
3	20175	1732.5	Q16	15	LOW	-2.7	-0.00156
5	20175	1732.5	QPSK	1	LOW	4.8	0.002771
5	20175	1732.5	QPSK	1	MID	-0.8	-0.00046
5	20175	1732.5	QPSK	1	HIGH	-4.2	-0.00242
5	20175	1732.5	QPSK	12	LOW	-3.3	-0.0019
5	20175	1732.5	QPSK	12	MID	2.3	0.001328
5	20175	1732.5	QPSK	12	HIGH	-0.8	-0.00046
5	20175	1732.5	QPSK	25	LOW	-2.8	-0.00162
5	20175	1732.5	Q16	1	LOW	-1.3	-0.00075
5	20175	1732.5	Q16	1	MID	0.9	0.000519
5	20175	1732.5	Q16	1	HIGH	0.3	0.000173
5	20175	1732.5	Q16	12	LOW	-1.6	-0.00092
5	20175	1732.5	Q16	12	MID	-2.4	-0.00139
5	20175	1732.5	Q16	12	HIGH	-4.9	-0.00283
5	20175	1732.5	Q16	25	LOW	0.3	0.000173
10	20175	1732.5	QPSK	1	LOW	-3	-0.00173
10	20175	1732.5	QPSK	1	MID	-3	-0.00173
10	20175	1732.5	QPSK	1	HIGH	3.3	0.001905
10	20175	1732.5	QPSK	25	LOW	-2.6	-0.0015
10	20175	1732.5	QPSK	25	MID	4.8	0.002771
10	20175	1732.5	QPSK	25	HIGH	-2.9	-0.00167
10	20175	1732.5	QPSK	50	LOW	4.5	0.002597
10	20175	1732.5	Q16	1	LOW	-4.8	-0.00277
10	20175	1732.5	Q16	1	MID	-2.9	-0.00167
10	20175	1732.5	Q16	1	HIGH	-0.5	-0.00029
10	20175	1732.5	Q16	25	LOW	-3.5	-0.00202
10	20175	1732.5	Q16	25	MID	-3.8	-0.00219

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
10	20175	1732.5	Q16	25	HIGH	-3.9	-0.00225
10	20175	1732.5	Q16	50	LOW	-0.8	-0.00046
15	20175	1732.5	QPSK	1	LOW	0.5	0.000289
15	20175	1732.5	QPSK	1	MID	-2.5	-0.00144
15	20175	1732.5	QPSK	1	HIGH	-1.5	-0.00087
15	20175	1732.5	QPSK	36	LOW	-3.3	-0.0019
15	20175	1732.5	QPSK	36	MID	-1	-0.00058
15	20175	1732.5	QPSK	36	HIGH	2.8	0.001616
15	20175	1732.5	QPSK	75	LOW	5	0.002886
15	20175	1732.5	Q16	1	LOW	0.6	0.000346
15	20175	1732.5	Q16	1	MID	-0.8	-0.00046
15	20175	1732.5	Q16	1	HIGH	-2.3	-0.00133
15	20175	1732.5	Q16	36	LOW	-1.6	-0.00092
15	20175	1732.5	Q16	36	MID	-1.9	-0.0011
15	20175	1732.5	Q16	36	HIGH	3	0.001732
15	20175	1732.5	Q16	75	LOW	-1.3	-0.00075
20	20175	1732.5	QPSK	1	LOW	-3	-0.00173
20	20175	1732.5	QPSK	1	MID	-2.6	-0.0015
20	20175	1732.5	QPSK	1	HIGH	-3.8	-0.00219
20	20175	1732.5	QPSK	50	LOW	4.7	0.002713
20	20175	1732.5	QPSK	50	MID	-2.4	-0.00139
20	20175	1732.5	QPSK	50	HIGH	-3.2	-0.00185
20	20175	1732.5	QPSK	100	LOW	2.8	0.001616
20	20175	1732.5	Q16	1	LOW	1.2	0.000693
20	20175	1732.5	Q16	1	MID	3.1	0.001789
20	20175	1732.5	Q16	1	HIGH	-4.7	-0.00271
20	20175	1732.5	Q16	50	LOW	3.7	0.002136
20	20175	1732.5	Q16	50	MID	-1.4	-0.00081
20	20175	1732.5	Q16	50	HIGH	1.1	0.000635
20	20175	1732.5	Q16	100	LOW	1.3	0.00075

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

BAND 5:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
1.4	20525	836.5	QPSK	1	LOW	-1.5	-0.00179
1.4	20525	836.5	QPSK	1	MID	-4.1	-0.0049
1.4	20525	836.5	QPSK	1	HIGH	-0.4	-0.00048
1.4	20525	836.5	QPSK	3	LOW	-2.1	-0.00251
1.4	20525	836.5	QPSK	3	MID	-4.1	-0.0049
1.4	20525	836.5	QPSK	3	HIGH	-1.9	-0.00227
1.4	20525	836.5	QPSK	6	LOW	-0.9	-0.00108
1.4	20525	836.5	Q16	1	LOW	1.2	0.001435
1.4	20525	836.5	Q16	1	MID	4.6	0.005499
1.4	20525	836.5	Q16	1	HIGH	3.3	0.003945
1.4	20525	836.5	Q16	3	LOW	1.7	0.002032
1.4	20525	836.5	Q16	3	MID	3.1	0.003706
1.4	20525	836.5	Q16	3	HIGH	-5	-0.00598
1.4	20525	836.5	Q16	6	LOW	-2.8	-0.00335
3	20525	836.5	QPSK	1	LOW	-3.2	-0.00383
3	20525	836.5	QPSK	1	MID	-1.5	-0.00179
3	20525	836.5	QPSK	1	HIGH	1.1	0.001315
3	20525	836.5	QPSK	8	LOW	3	0.003586
3	20525	836.5	QPSK	8	MID	-4.7	-0.00562
3	20525	836.5	QPSK	8	HIGH	-3.8	-0.00454
3	20525	836.5	QPSK	15	LOW	3.8	0.004543
3	20525	836.5	Q16	1	LOW	-1.5	-0.00179
3	20525	836.5	Q16	1	MID	4.9	0.005858
3	20525	836.5	Q16	1	HIGH	-0.3	-0.00036
3	20525	836.5	Q16	8	LOW	-2	-0.00239
3	20525	836.5	Q16	8	MID	-3.7	-0.00442
3	20525	836.5	Q16	8	HIGH	-0.5	-0.0006
3	20525	836.5	Q16	15	LOW	-1.3	-0.00155
5	20525	836.5	QPSK	1	LOW	2.2	0.00263
5	20525	836.5	QPSK	1	MID	0.8	0.000956
5	20525	836.5	QPSK	1	HIGH	-3.4	-0.00406
5	20525	836.5	QPSK	12	LOW	-4.2	-0.00502
5	20525	836.5	QPSK	12	MID	0.1	0.00012
5	20525	836.5	QPSK	12	HIGH	0.8	0.000956
5	20525	836.5	QPSK	25	LOW	-2.6	-0.00311
5	20525	836.5	Q16	1	LOW	1.4	0.001674

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
5	20525	836.5	Q16	1	MID	-2.8	-0.00335
5	20525	836.5	Q16	1	HIGH	-4.2	-0.00502
5	20525	836.5	Q16	12	LOW	-2.5	-0.00299
5	20525	836.5	Q16	12	MID	-2.7	-0.00323
5	20525	836.5	Q16	12	HIGH	-1.5	-0.00179
5	20525	836.5	Q16	25	LOW	-4.1	-0.0049
10	20525	836.5	QPSK	1	LOW	1.9	0.002271
10	20525	836.5	QPSK	1	MID	-0.7	-0.00084
10	20525	836.5	QPSK	1	HIGH	-3.8	-0.00454
10	20525	836.5	QPSK	25	LOW	-2	-0.00239
10	20525	836.5	QPSK	25	MID	2.3	0.00275
10	20525	836.5	QPSK	25	HIGH	-3.9	-0.00466
10	20525	836.5	QPSK	50	LOW	-2.8	-0.00335
10	20525	836.5	Q16	1	LOW	-5	-0.00598
10	20525	836.5	Q16	1	MID	-0.5	-0.0006
10	20525	836.5	Q16	1	HIGH	-2.7	-0.00323
10	20525	836.5	Q16	25	LOW	-2.8	-0.00335
10	20525	836.5	Q16	25	MID	4.1	0.004901
10	20525	836.5	Q16	25	HIGH	-1.9	-0.00227
10	20525	836.5	Q16	50	LOW	1.4	0.001674

BAND 7:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency error (Hz)	Frequency Error (ppm)
5	21100	2535	QPSK	1	LOW	-0.2	-7.9E-05
5	21100	2535	QPSK	1	MID	0.2	7.89E-05
5	21100	2535	QPSK	1	HIGH	1.4	0.000552
5	21100	2535	QPSK	12	LOW	5	0.001972
5	21100	2535	QPSK	12	MID	-2.1	-0.00083
5	21100	2535	QPSK	12	HIGH	2.7	0.001065
5	21100	2535	QPSK	25	LOW	-1.7	-0.00067
5	21100	2535	Q16	1	LOW	-3.4	-0.00134
5	21100	2535	Q16	1	MID	-1.3	-0.00051
5	21100	2535	Q16	1	HIGH	-3.7	-0.00146
5	21100	2535	Q16	12	LOW	4.1	0.001617
5	21100	2535	Q16	12	MID	-2.3	-0.00091

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency error (Hz)	Frequency Error (ppm)
5	21100	2535	Q16	12	HIGH	4.3	0.001696
5	21100	2535	Q16	25	LOW	2.5	0.000986
10	21100	2535	QPSK	1	LOW	3.7	0.00146
10	21100	2535	QPSK	1	MID	-4.6	-0.00181
10	21100	2535	QPSK	1	HIGH	2.8	0.001105
10	21100	2535	QPSK	25	LOW	4.8	0.001893
10	21100	2535	QPSK	25	MID	-3.6	-0.00142
10	21100	2535	QPSK	25	HIGH	5	0.001972
10	21100	2535	QPSK	50	LOW	-1.8	-0.00071
10	21100	2535	QPSK	1	LOW	3.3	0.001302
10	21100	2535	QPSK	1	MID	4.8	0.001893
10	21100	2535	QPSK	1	HIGH	-2.5	-0.00099
10	21100	2535	Q16	25	LOW	2	0.000789
10	21100	2535	Q16	25	MID	0.8	0.000316
10	21100	2535	Q16	25	HIGH	-2.7	-0.00107
10	21100	2535	Q16	50	LOW	4.6	0.001815
15	21100	2535	QPSK	1	LOW	-0.6	-0.00024
15	21100	2535	QPSK	1	MID	1.1	0.000434
15	21100	2535	QPSK	1	HIGH	3.2	0.001262
15	21100	2535	QPSK	36	LOW	-1.3	-0.00051
15	21100	2535	QPSK	36	MID	4.8	0.001893
15	21100	2535	QPSK	36	HIGH	-1.6	-0.00063
15	21100	2535	QPSK	75	LOW	-2.1	-0.00083
15	21100	2535	Q16	1	LOW	-4.6	-0.00181
15	21100	2535	Q16	1	MID	-0.2	-7.9E-05
15	21100	2535	Q16	1	HIGH	-1.8	-0.00071
15	21100	2535	Q16	36	LOW	-2.1	-0.00083
15	21100	2535	Q16	36	MID	0.4	0.000158
15	21100	2535	Q16	36	HIGH	2.2	0.000868
15	21100	2535	Q16	75	LOW	-4.2	-0.00166
20	21100	2535	QPSK	1	LOW	-2.7	-0.00107
20	21100	2535	QPSK	1	MID	-1	-0.00039
20	21100	2535	QPSK	1	HIGH	0.5	0.000197
20	21100	2535	QPSK	50	LOW	-4.5	-0.00178
20	21100	2535	QPSK	50	MID	-2.6	-0.00103
20	21100	2535	QPSK	50	HIGH	-0.3	-0.00012
20	21100	2535	QPSK	100	LOW	0.2	7.89E-05

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency error (Hz)	Frequency Error (ppm)
20	21100	2535	Q16	1	LOW	4.9	0.001933
20	21100	2535	Q16	1	MID	-4.8	-0.00189
20	21100	2535	Q16	1	HIGH	-4.2	-0.00166
20	21100	2535	Q16	50	LOW	-3	-0.00118
20	21100	2535	Q16	50	MID	-4.6	-0.00181
20	21100	2535	Q16	50	HIGH	-0.7	-0.00028
20	21100	2535	Q16	100	LOW	2	0.000789

BAND 12:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
1.4	23095	707.5	QPSK	1	LOW	-0.8	-0.00107
1.4	23095	707.5	QPSK	1	MID	5.0	0.007067
1.4	23095	707.5	QPSK	1	HIGH	3.7	0.005258
1.4	23095	707.5	QPSK	3	LOW	-0.4	-0.00062
1.4	23095	707.5	QPSK	3	MID	-5.0	-0.00704
1.4	23095	707.5	QPSK	3	HIGH	3.6	0.005145
1.4	23095	707.5	QPSK	6	LOW	3.4	0.004806
1.4	23095	707.5	Q16	1	LOW	-1.7	-0.00236
1.4	23095	707.5	Q16	1	MID	-2.4	-0.00343
1.4	23095	707.5	Q16	1	HIGH	3.8	0.005428
1.4	23095	707.5	Q16	3	LOW	2.2	0.003053
1.4	23095	707.5	Q16	3	MID	-1.9	-0.00271
1.4	23095	707.5	Q16	3	HIGH	-0.2	-0.00031
1.4	23095	707.5	Q16	6	LOW	0.2	0.000226
3	23095	707.5	QPSK	1	LOW	-0.2	-0.00027
3	23095	707.5	QPSK	1	MID	-3.1	-0.00442
3	23095	707.5	QPSK	1	HIGH	0.4	0.000608
3	23095	707.5	QPSK	8	LOW	-4.1	-0.00575
3	23095	707.5	QPSK	8	MID	0.6	0.000905
3	23095	707.5	QPSK	8	HIGH	-2.0	-0.00284
3	23095	707.5	QPSK	15	LOW	4.3	0.006021
3	23095	707.5	Q16	1	LOW	-1.6	-0.00222
3	23095	707.5	Q16	1	MID	2.8	0.003915
3	23095	707.5	Q16	1	HIGH	2.4	0.003449
3	23095	707.5	Q16	8	LOW	-1.3	-0.00178

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
3	23095	707.5	Q16	8	MID	4.0	0.005654
3	23095	707.5	Q16	8	HIGH	-0.4	-0.00058
3	23095	707.5	Q16	15	LOW	-1.0	-0.00141
5	23095	707.5	QPSK	1	LOW	-0.2	-0.00024
5	23095	707.5	QPSK	1	MID	-3.2	-0.00452
5	23095	707.5	QPSK	1	HIGH	-3.9	-0.00546
5	23095	707.5	QPSK	12	LOW	2.3	0.003251
5	23095	707.5	QPSK	12	MID	-1.8	-0.0026
5	23095	707.5	QPSK	12	HIGH	5.0	0.007053
5	23095	707.5	QPSK	25	LOW	4.5	0.006389
5	23095	707.5	Q16	1	LOW	2.9	0.004141
5	23095	707.5	Q16	1	MID	3.2	0.004565
5	23095	707.5	Q16	1	HIGH	1.1	0.001527
5	23095	707.5	Q16	12	LOW	-2.4	-0.00345
5	23095	707.5	Q16	12	MID	1.2	0.001739
5	23095	707.5	Q16	12	HIGH	-3.9	-0.00544
5	23095	707.5	Q16	25	LOW	1.5	0.00212
10	23095	707.5	QPSK	1	LOW	3.4	0.004777
10	23095	707.5	QPSK	1	MID	0.6	0.000905
10	23095	707.5	QPSK	1	HIGH	1.7	0.002431
10	23095	707.5	QPSK	25	LOW	2.6	0.003703
10	23095	707.5	QPSK	25	MID	3.9	0.005569
10	23095	707.5	QPSK	25	HIGH	0.2	0.000325
10	23095	707.5	QPSK	50	LOW	0.4	0.000594
10	23095	707.5	Q16	1	LOW	0.6	0.00089
10	23095	707.5	Q16	1	MID	4.4	0.006276
10	23095	707.5	Q16	1	HIGH	1.5	0.002148
10	23095	707.5	Q16	25	LOW	-2.4	-0.00338
10	23095	707.5	Q16	25	MID	-1.2	-0.00164
10	23095	707.5	Q16	25	HIGH	-3.8	-0.00531
10	23095	707.5	Q16	50	LOW	-3.1	-0.00431

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

BAND 17:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Frequency Error (Hz)	Frequency Error (ppm)
5	23790	710	QPSK	1	LOW	0.6	0.000775
5	23790	710	QPSK	1	MID	-2.1	-0.00293
5	23790	710	QPSK	1	HIGH	1.5	0.002127
5	23790	710	QPSK	12	LOW	-3.8	-0.00528
5	23790	710	QPSK	12	MID	-2.3	-0.00327
5	23790	710	QPSK	12	HIGH	4.4	0.006127
5	23790	710	QPSK	25	LOW	-0.9	-0.00132
5	23790	710	Q16	1	LOW	2.2	0.003028
5	23790	710	Q16	1	MID	-1.9	-0.00265
5	23790	710	Q16	1	HIGH	0.5	0.000761
5	23790	710	Q16	12	LOW	4.5	0.006268
5	23790	710	Q16	12	MID	4.8	0.006718
5	23790	710	Q16	12	HIGH	4.0	0.005563
5	23790	710	Q16	25	LOW	4.1	0.005704
10	23790	710	QPSK	1	LOW	2.5	0.003507
10	23790	710	QPSK	1	MID	-1.5	-0.00207
10	23790	710	QPSK	1	HIGH	2.3	0.003197
10	23790	710	QPSK	25	LOW	1.2	0.00169
10	23790	710	QPSK	25	MID	-1.2	-0.0017
10	23790	710	QPSK	25	HIGH	1.5	0.00207
10	23790	710	QPSK	50	LOW	-4.6	-0.00649
10	23790	710	Q16	1	LOW	0.8	0.001155
10	23790	710	Q16	1	MID	-3.3	-0.00459
10	23790	710	Q16	1	HIGH	-4.7	-0.00661
10	23790	710	Q16	25	LOW	-3.8	-0.00534
10	23790	710	Q16	25	MID	-4.9	-0.00689
10	23790	710	Q16	25	HIGH	-4.8	-0.00677
10	23790	710	Q16	50	LOW	-2.9	-0.00413

Note: All bandwidth and modulation are tested, only the worst result is reported.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Field Strength of Spurious Radiation Measurement

Test Result

BAND 2:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3720	-62.67	1.51	-61.16	-13	Horizontal
3720	-63.36	1.51	-61.85	-13	Vertical
5580	-64.28	1.51	-62.77	-13	Horizontal
5580	-65.22	1.51	-63.71	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3760	-63.05	1.51	-61.54	-13	Horizontal
3760	-62.50	1.51	-60.99	-13	Vertical
5640	-63.70	1.51	-62.19	-13	Horizontal
5640	-65.21	1.51	-63.70	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3800	-63.13	1.51	-61.62	-13	Horizontal
3800	-62.54	1.51	-61.03	-13	Vertical
5700	-64.36	1.51	-62.85	-13	Horizontal
5700	-64.54	1.51	-63.03	-13	Vertical

BAND 4:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3440	-63.06	1.50	-61.56	-13	Horizontal
3440	-62.61	1.50	-61.11	-13	Vertical
5160	-63.50	1.50	-62.00	-13	Horizontal
5160	-64.84	1.50	-63.34	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3465	-62.69	1.50	-61.19	-13	Horizontal
3465	-63.25	1.50	-61.75	-13	Vertical
5197.5	-63.59	1.50	-62.09	-13	Horizontal

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

5197.5	-64.64	1.50	-63.14	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
3490	-62.41	1.50	-60.91	-13	Horizontal
3490	-62.66	1.50	-61.16	-13	Vertical
5235	-63.67	1.50	-62.17	-13	Horizontal
5235	-64.86	1.50	-63.36	-13	Vertical

BAND 5:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1658	-62.35	0.50	-61.85	-13	Horizontal
1658	-63.31	0.50	-62.81	-13	Vertical
2487	-64.30	0.50	-63.80	-13	Horizontal
2487	-65.23	0.50	-64.73	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1673	-62.53	0.50	-62.03	-13	Horizontal
1673	-62.94	0.50	-62.44	-13	Vertical
2509.5	-64.04	0.50	-63.54	-13	Horizontal
2509.5	-64.57	0.50	-64.07	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1688	-62.97	0.50	-62.47	-13	Horizontal
1688	-63.36	0.50	-62.86	-13	Vertical
2532	-63.54	0.50	-63.04	-13	Horizontal
2532	-65.37	0.50	-64.87	-13	Vertical

BAND 7:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
5020	-62.71	1.52	-61.19	-25	Horizontal
5020	-63.26	1.52	-61.74	-25	Vertical
7530	-63.58	1.52	-62.06	-25	Horizontal
7530	-65.02	1.52	-63.50	-25	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
5070	-62.80	1.52	-61.28	-25	Horizontal
5070	-63.16	1.52	-61.64	-25	Vertical
7605	-64.11	1.52	-62.59	-25	Horizontal
7605	-65.30	1.52	-63.78	-25	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
5120	-62.45	1.52	-60.93	-25	Horizontal
5120	-62.67	1.52	-61.15	-25	Vertical
7680	-64.17	1.52	-62.65	-25	Horizontal
7680	-65.41	1.52	-63.89	-25	Vertical

BAND 12:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1408	-63.05	1.6	-61.45	-13	Horizontal
1408	-63.30	1.6	-61.70	-13	Vertical
2112	-64.00	1.6	-62.40	-13	Horizontal
2112	-65.17	1.6	-63.57	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1415	-62.34	1.6	-60.74	-13	Horizontal
1415	-63.34	1.6	-61.74	-13	Vertical
2122.5	-63.96	1.6	-62.36	-13	Horizontal
2122.5	-64.78	1.6	-63.18	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1422	-62.80	1.6	-61.20	-13	Horizontal
1422	-63.38	1.6	-61.78	-13	Vertical
2133	-63.63	1.6	-62.03	-13	Horizontal
2133	-64.69	1.6	-63.09	-13	Vertical

BAND 17:

Mode 1					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1418	-62.35	1.59	-60.76	-13	Horizontal
1418	-62.63	1.59	-61.04	-13	Vertical
2127	-63.86	1.59	-62.27	-13	Horizontal
2127	-65.45	1.59	-63.86	-13	Vertical

Mode 2					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1420	-62.60	1.59	-61.01	-13	Horizontal
1420	-63.07	1.59	-61.48	-13	Vertical
2130	-63.58	1.59	-61.99	-13	Horizontal
2130	-65.09	1.59	-63.50	-13	Vertical

Mode 3					
Frequency(MHz)	Power(dBm)	A_{Rpl} (dBm)	P_{Mea}(dBm)	Limit（dBm）	Polarity
1422	-62.65	1.59	-61.06	-13	Horizontal
1422	-63.09	1.59	-61.50	-13	Vertical
2133	-64.34	1.59	-62.75	-13	Horizontal
2133	-64.64	1.59	-63.05	-13	Vertical

Note: All bandwidth and modulation are tested, only the worst result is reported.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com