

FCC Test Report

Application Purpose : Original grant

Applicant Name: : INFINIX MOBILITY LIMITED

FCC ID : 2AIZN-X555

Equipment Type : Mobile phone

Model Name : X555

Report Number : FCC16083918-5

Standard(S) : FCC Part 22H&24E&27 Rules

Date Of Receipt : August 19, 2016

Date Of Issue : September 29, 2016

Test By : 
(Daisy Qin)

Reviewed By : 
(Sol Qin)

Authorized by : 
(Michal Ling)

Prepared by : **QTC Certification & Testing Co., Ltd.**
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Registration Number: 588523

REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	September 29, 2016	Valid	Original Report
V1.1	/	October 15, 2016	Valid	Original Report

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1 BAND EDGE

1.1 Measurement Result

GSM850:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgement
Low Range	0.2	128	824.2	Pass
High Range	0.2	251	848.8	Pass

PCS 1900:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgement
Low Range	0.2	512	1850.2	Pass
High Range	0.2	810	1909.8	Pass

UTRA BANDS

BAND 2:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgement
Low Range	5	9262	1852.4	Pass
High Range	5	9538	1907.6	Pass

BAND 4:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgement
Low Range	5	1312	1712.4	Pass
High Range	5	1513	1752.6	Pass

BAND 5:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgement
Low Range	5	4132	826.4	Pass
High Range	5	4233	846.6	Pass

E-UTRA**BAND 2:**

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgement
1.4	18607	1850.7	QPSK	6	LOW	Pass
1.4	18607	1850.7	Q16	6	LOW	Pass
1.4	19193	1909.3	QPSK	6	LOW	Pass
1.4	19193	1909.3	Q16	6	LOW	Pass
3	18615	1851.5	QPSK	15	LOW	Pass
3	18615	1851.5	Q16	15	LOW	Pass
3	19185	1908.5	QPSK	15	LOW	Pass
3	19185	1908.5	Q16	15	LOW	Pass
5	18625	1852.5	QPSK	25	LOW	Pass
5	18625	1852.5	Q16	25	LOW	Pass
5	19175	1907.5	QPSK	25	LOW	Pass
5	19175	1907.5	Q16	25	LOW	Pass
10	18650	1855	QPSK	50	LOW	Pass
10	18650	1855	Q16	50	LOW	Pass
10	19150	1905	QPSK	50	LOW	Pass
10	19150	1905	Q16	50	LOW	Pass
15	18675	1857.5	QPSK	75	LOW	Pass
15	18675	1857.5	Q16	75	LOW	Pass
15	19125	1902.5	QPSK	75	LOW	Pass
15	19125	1902.5	Q16	75	LOW	Pass
20	18700	1860	QPSK	100	LOW	Pass
20	18700	1860	Q16	100	LOW	Pass
20	19100	1900	QPSK	100	LOW	Pass
20	19100	1900	Q16	100	LOW	Pass

BAND 4:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgement
1.4	18607	1850.7	QPSK	6	LOW	Pass
1.4	18607	1850.7	Q16	6	LOW	Pass
1.4	19193	1909.3	QPSK	6	LOW	Pass
1.4	19193	1909.3	Q16	6	LOW	Pass
3	18615	1851.5	QPSK	15	LOW	Pass
3	18615	1851.5	Q16	15	LOW	Pass
3	19185	1908.5	QPSK	15	LOW	Pass
3	19185	1908.5	Q16	15	LOW	Pass
5	18625	1852.5	QPSK	25	LOW	Pass

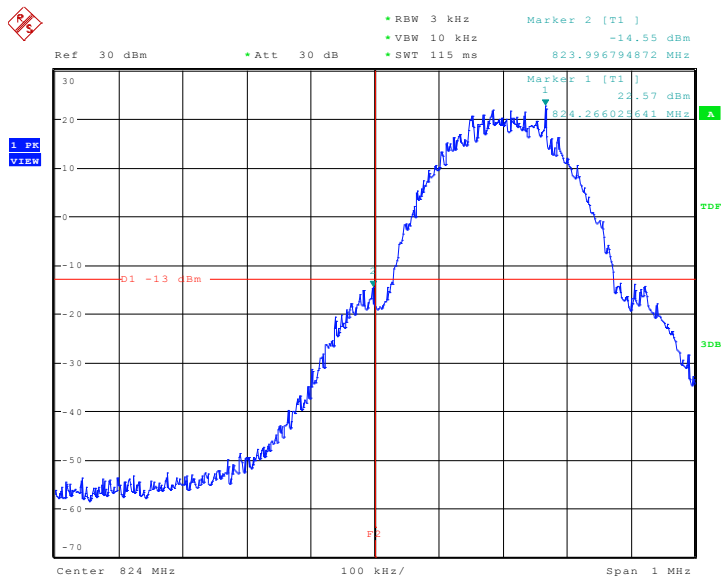
Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgement
5	18625	1852.5	Q16	25	LOW	Pass
5	19175	1907.5	QPSK	25	LOW	Pass
5	19175	1907.5	Q16	25	LOW	Pass
10	18650	1855	QPSK	50	LOW	Pass
10	18650	1855	Q16	50	LOW	Pass
10	19150	1905	QPSK	50	LOW	Pass
10	19150	1905	Q16	50	LOW	Pass
15	18675	1857.5	QPSK	75	LOW	Pass
15	18675	1857.5	Q16	75	LOW	Pass
15	19125	1902.5	QPSK	75	LOW	Pass
15	19125	1902.5	Q16	75	LOW	Pass
20	18700	1860	QPSK	100	LOW	Pass
20	18700	1860	Q16	100	LOW	Pass
20	19100	1900	QPSK	100	LOW	Pass
20	19100	1900	Q16	100	LOW	Pass

BAND 7:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgement
5	20775	2502.5	QPSK	25	LOW	Pass
5	20775	2502.5	Q16	25	LOW	Pass
5	21425	2567.5	QPSK	25	LOW	Pass
5	21425	2567.5	Q16	25	LOW	Pass
10	20800	2505	QPSK	50	LOW	Pass
10	20800	2505	Q16	50	LOW	Pass
10	21400	2565	QPSK	50	LOW	Pass
10	21400	2565	Q16	50	LOW	Pass
15	20825	2507.5	QPSK	75	LOW	Pass
15	20825	2507.5	Q16	75	LOW	Pass
15	21375	2562.5	QPSK	75	LOW	Pass
15	21375	2562.5	Q16	75	LOW	Pass
20	20850	2510	QPSK	100	LOW	Pass
20	20850	2510	Q16	100	LOW	Pass
20	21350	2560	QPSK	100	LOW	Pass
20	21350	2560	Q16	100	LOW	Pass

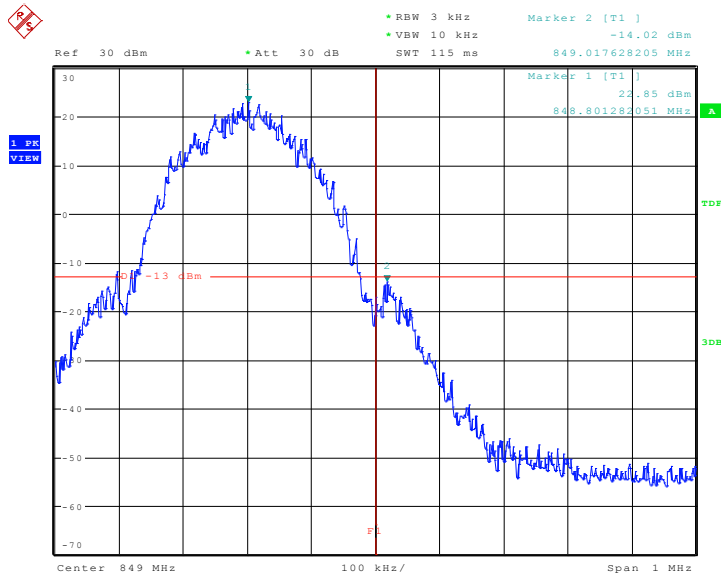
1.2 Test Plot(s)

Low Band Edge GSM 850 BAND CH 128



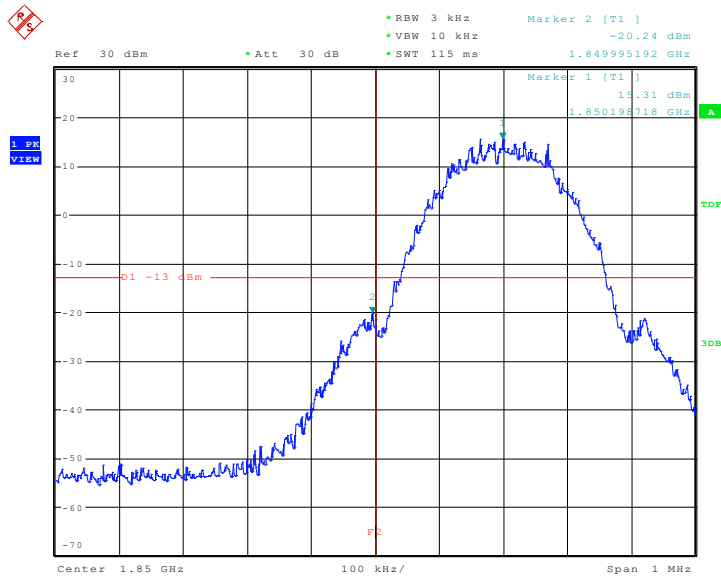
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High Band Edge GSM 850 BAND CH 251



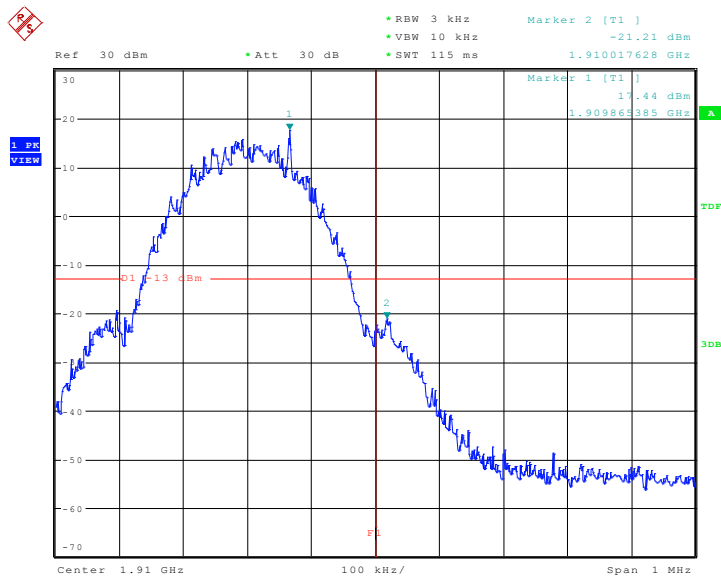
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Low Band Edge PCS 1900 BAND CH 512



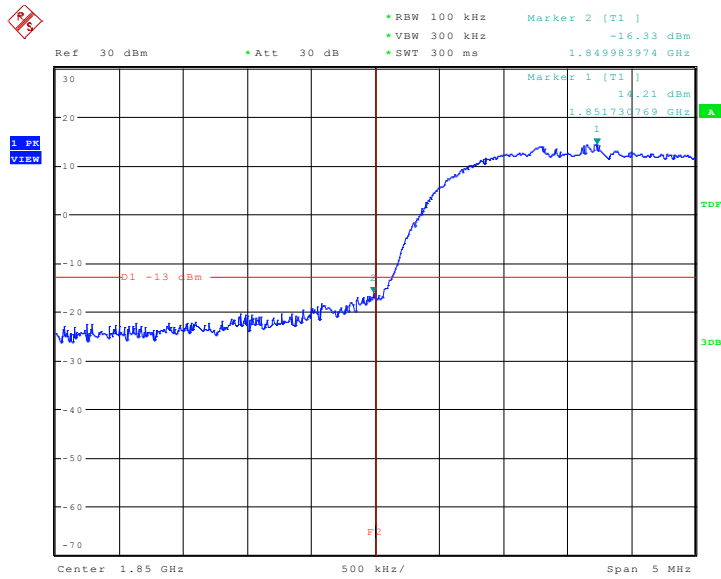
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High Band Edge PCS 1900 BAND CH 810



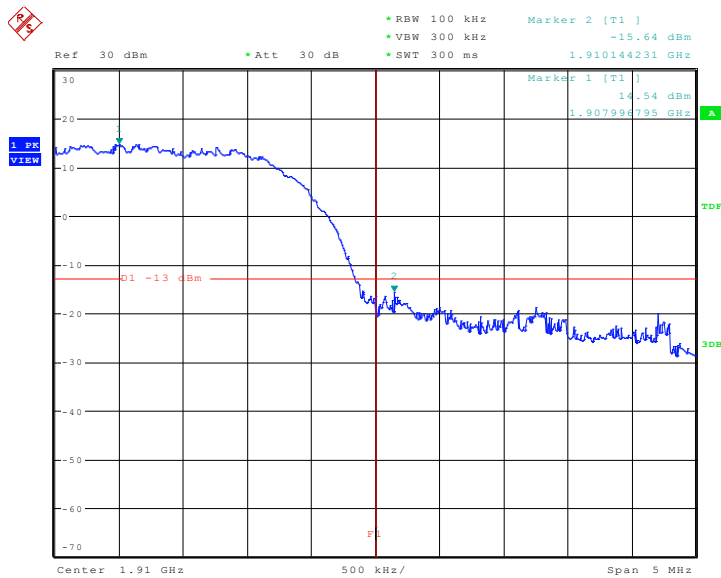
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Low Band Edge WCDMA BAND II CH 9263



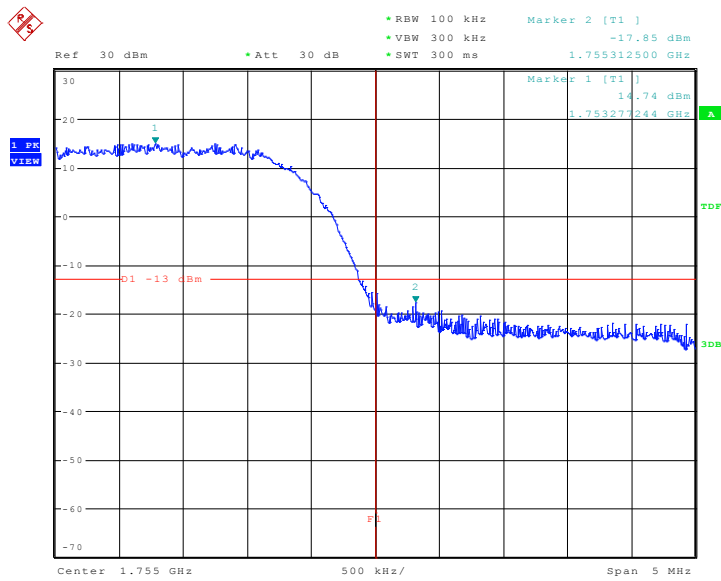
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High Band Edge WCDMA BAND II CH 9537



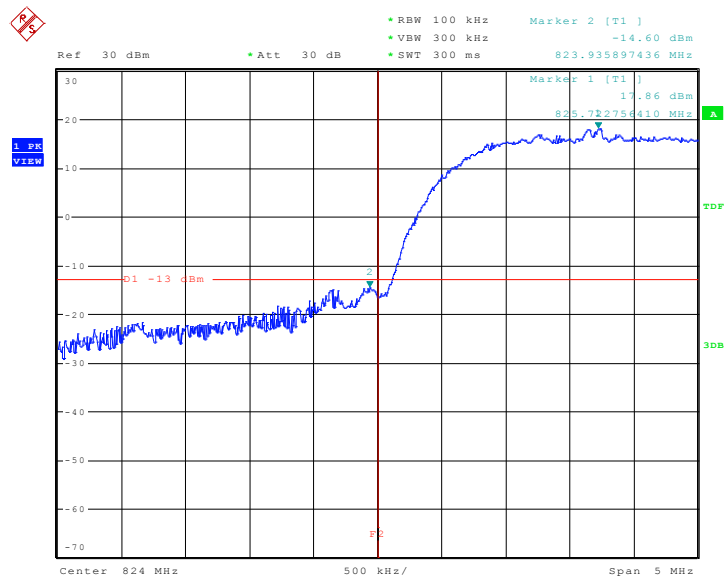
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Low Band Edge WCDMA BAND IV CH 1512



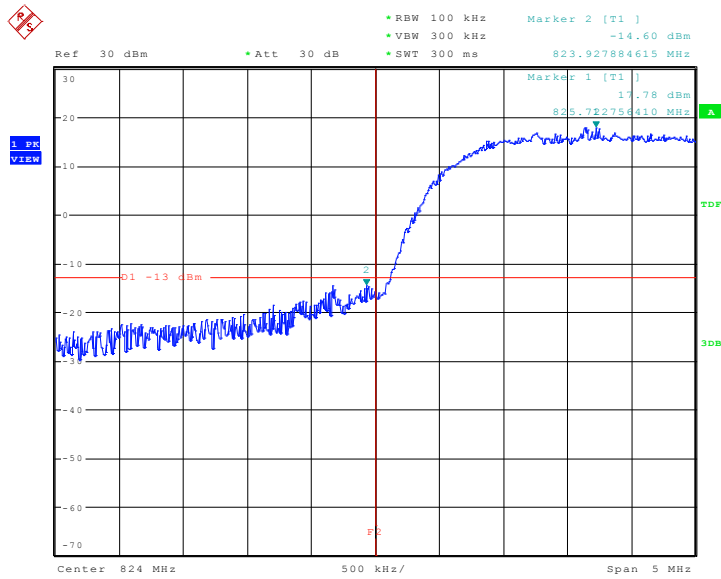
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High Band Edge WCDMA BAND V CH 4133



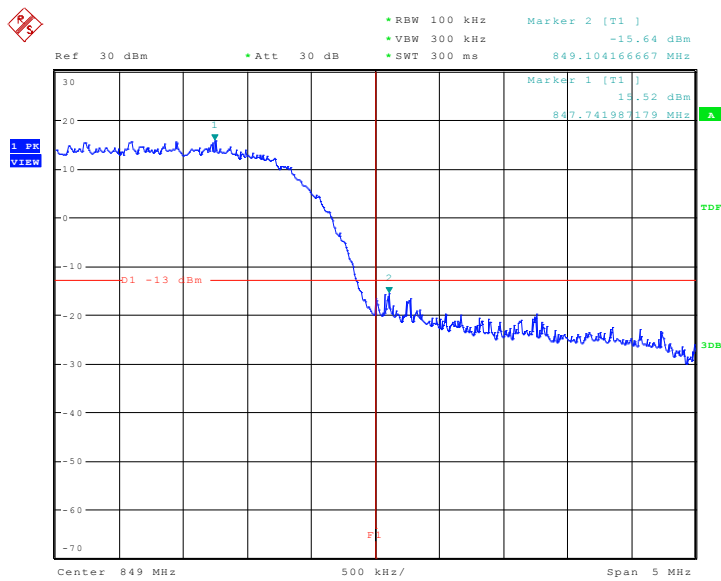
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Low Band Edge WCDMA BAND V CH 4133



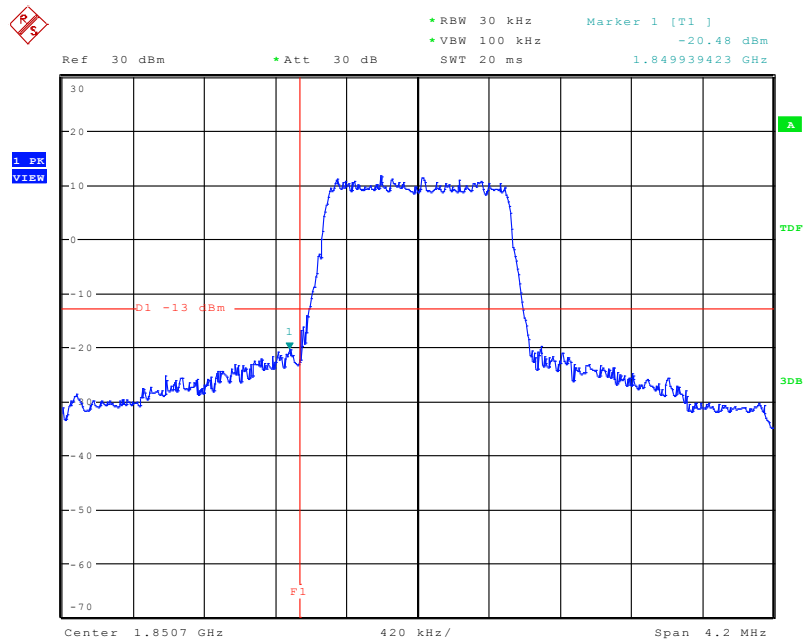
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High Band Edge WCDMA BAND V CH 4232

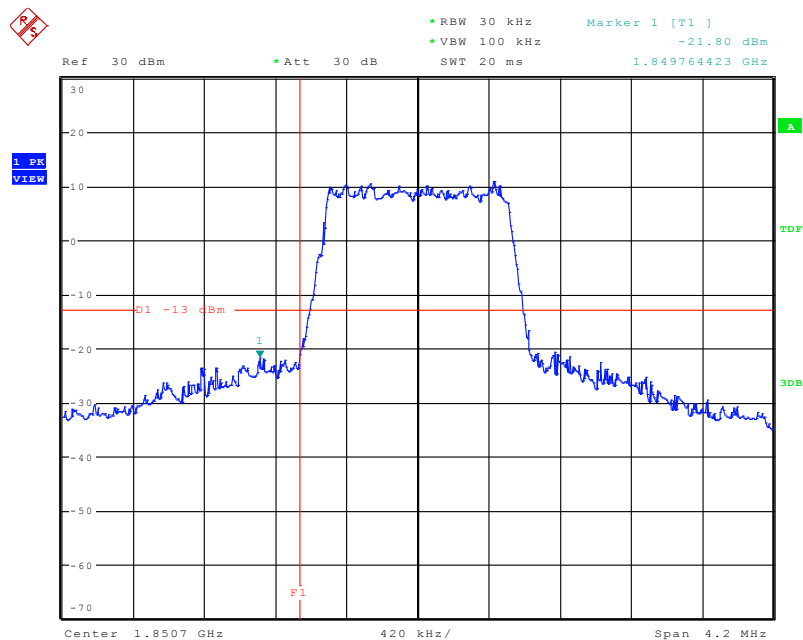


Date: 13.SEP.2016 10:04:16

E-UTRA BANDS

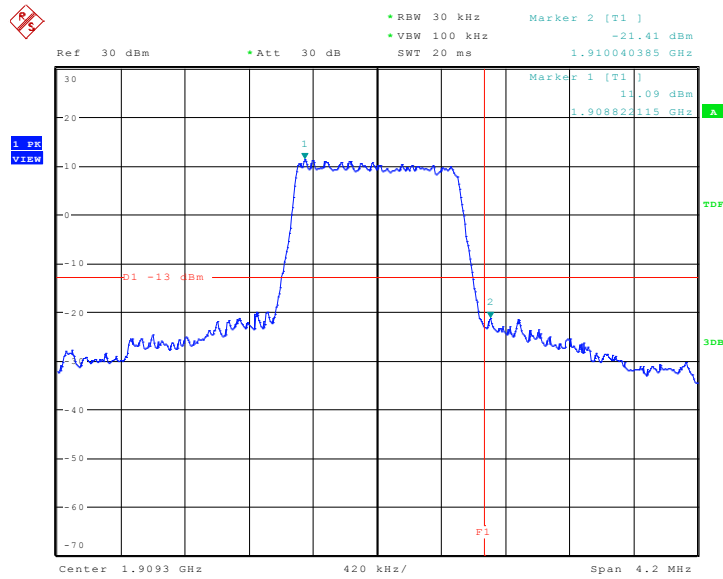
BAND 2@Band Edge*BAND2-1850.756MHz,QPSK-6RB_LOW@Pass*

Date: 23.SEP.2016 14:59:05

BAND2-1850.7MHz,Q16-6RB_LOW@Pass

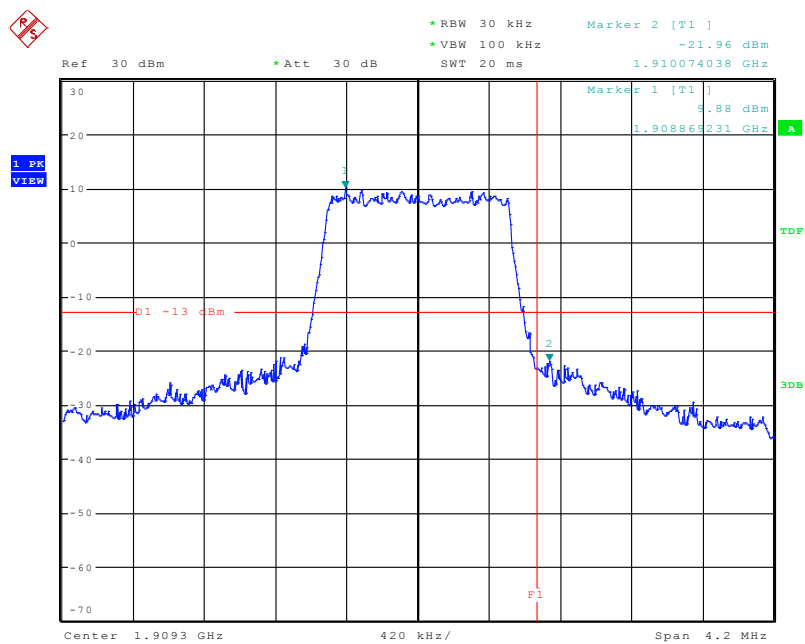
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BAND2-1909.3MHz,QPSK-6RB_LOW@Pass

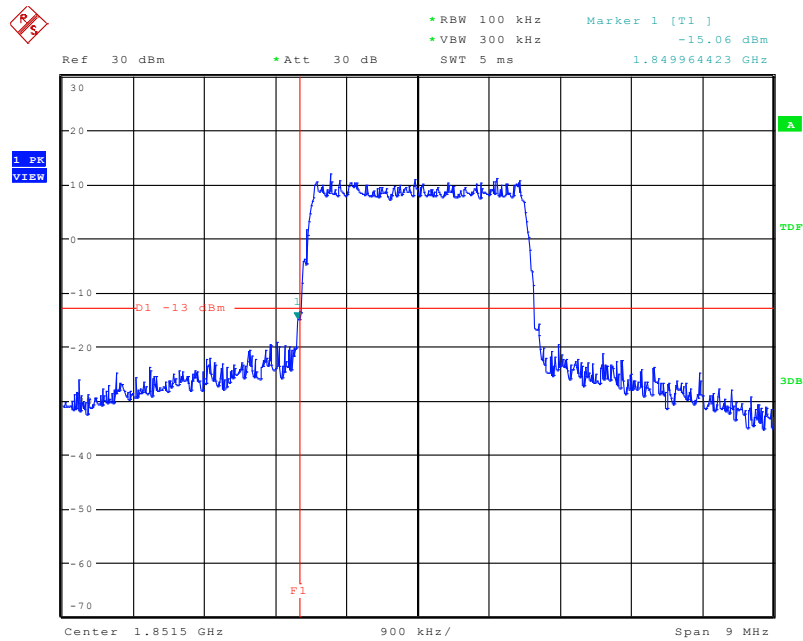


Date: 24.SEP.2016 09:32:01

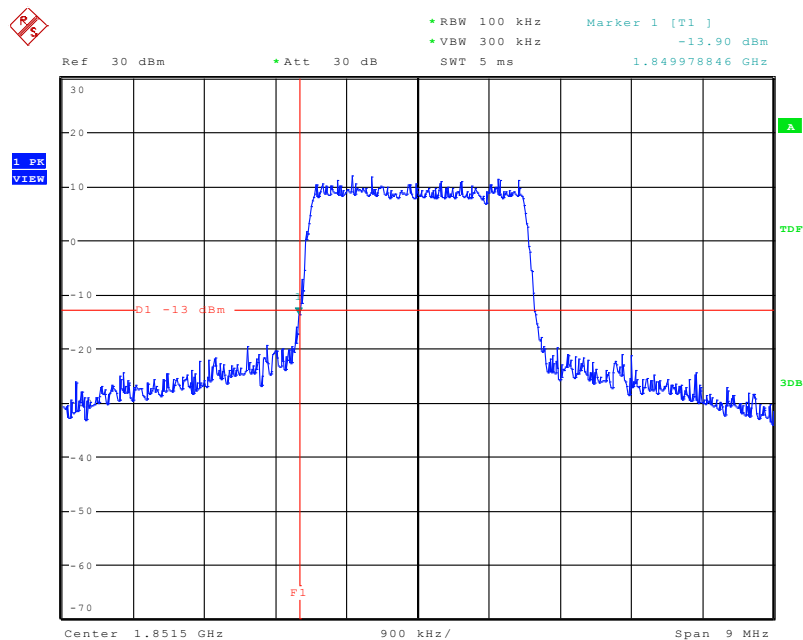
BAND2-1909.3MHz,Q16-6RB_LOW@Pass



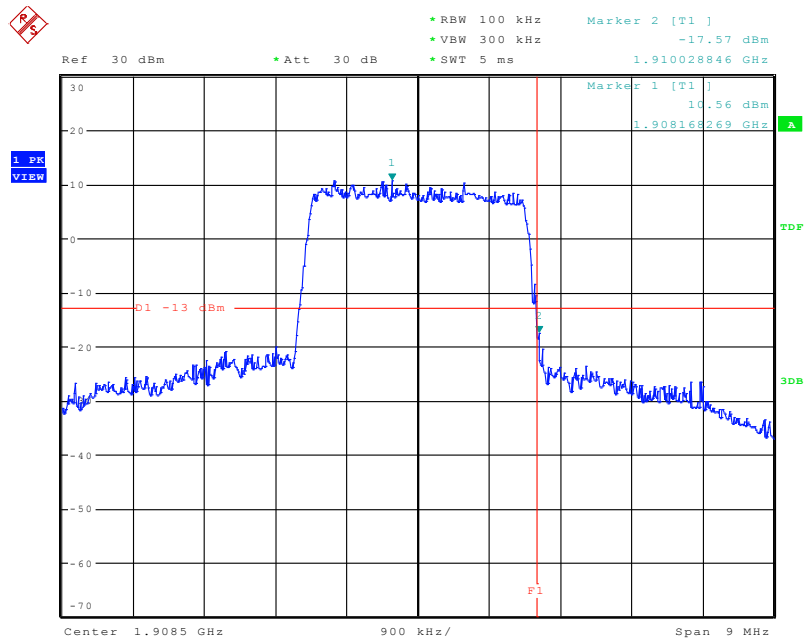
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BAND2-1851.5MHz,QPSK-15RB_LOW@Pass

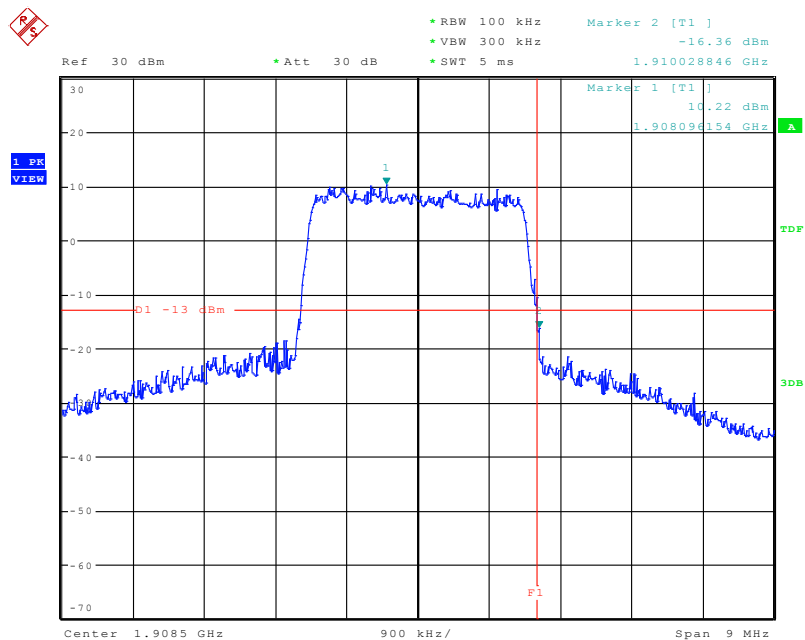
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BAND2-1851.5MHz,Q16-15RB_LOW@Pass

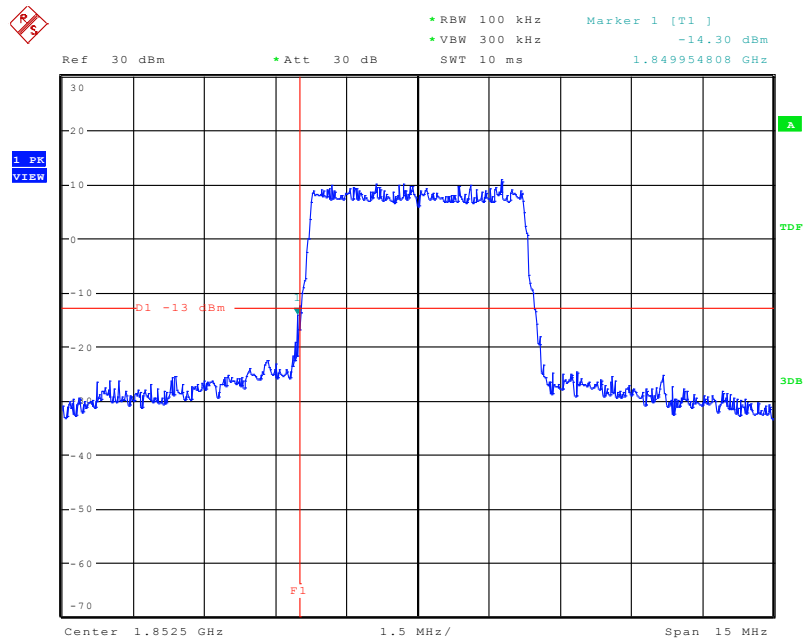
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BAND2-1908.5MHz,QPSK-15RB_LOW@Pass

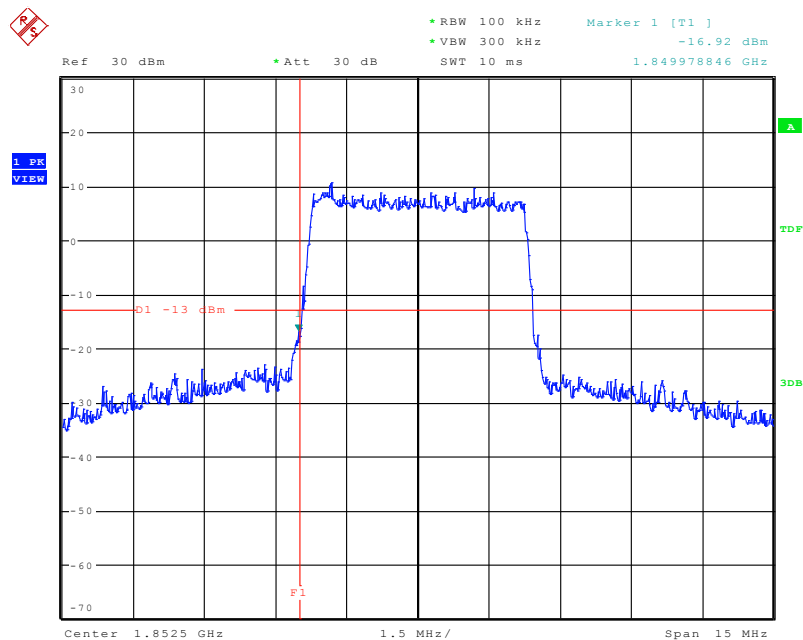
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BAND2-1908.5MHz,Q16-15RB_LOW@Pass

Date: 24.SEP.2016 09:39:36

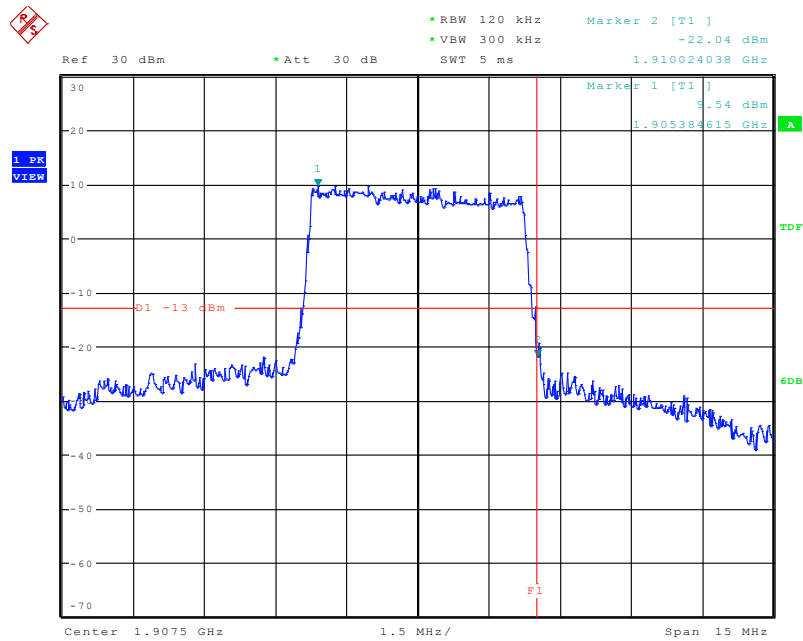
BAND2-1852.5MHz,QPSK-25RB_LOW@Pass

Date: 23.SEP.2016 15:10:37

BAND2-1852.5MHz,Q16-25RB_LOW@Pass

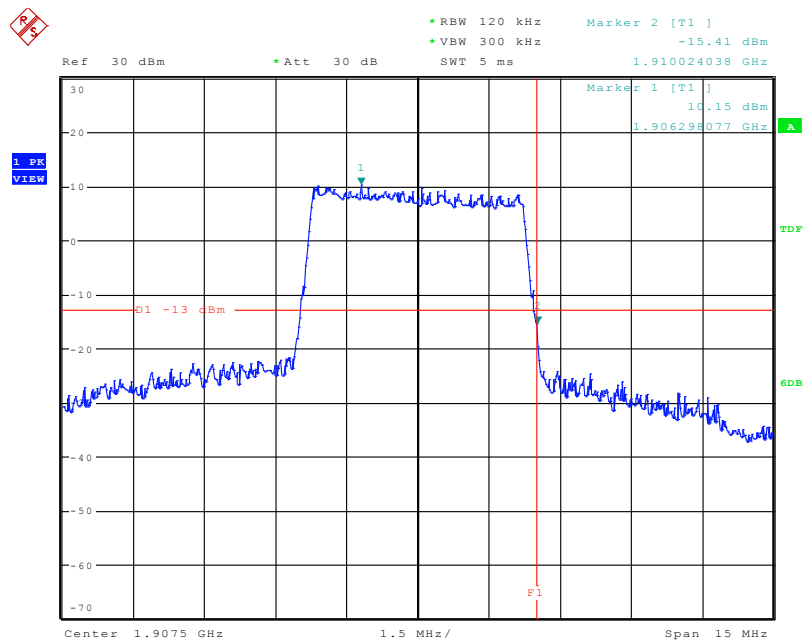
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BAND2-1907.5MHz,QPSK-25RB_LOW@Pass



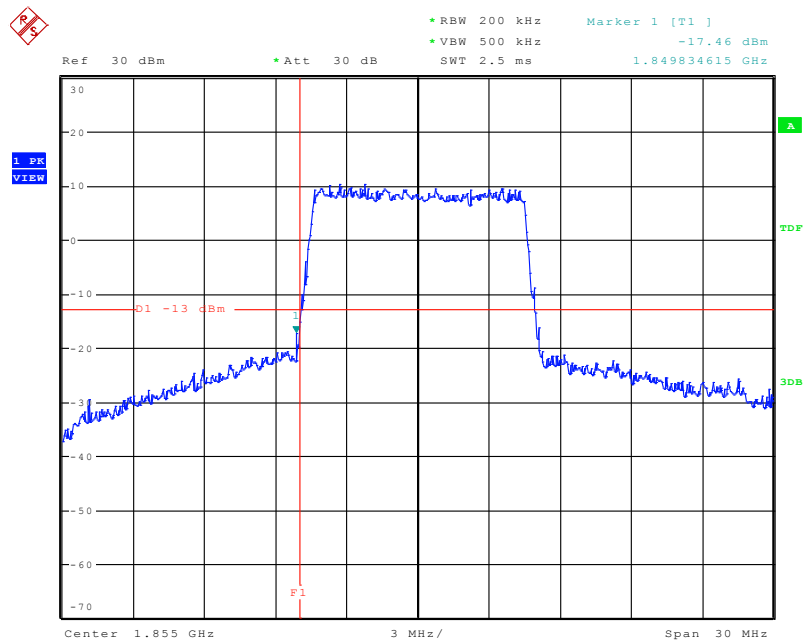
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BAND2-1907.5MHz,Q16-25RB_LOW@Pass



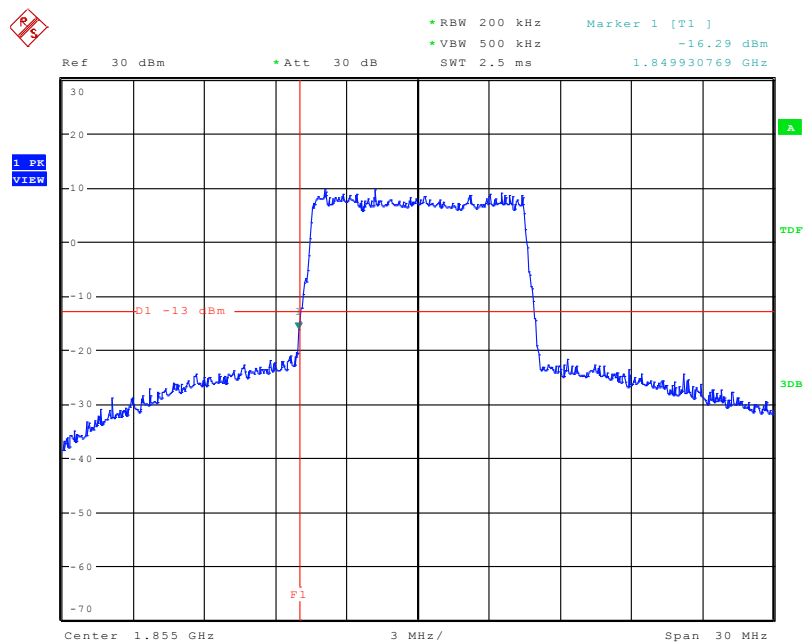
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BAND2-1855MHz,QPSK-50RB_LOW@Pass

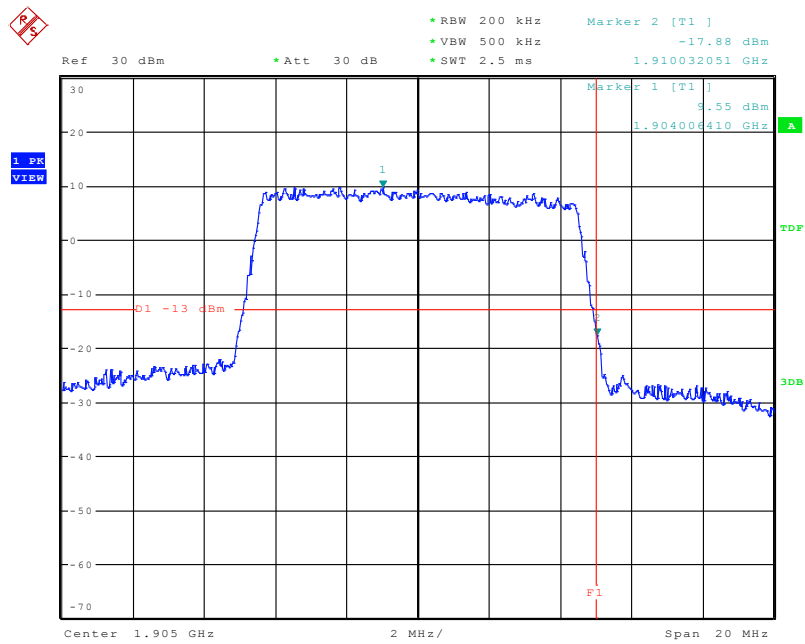


Date: 23.SEP.2016 15:13:01

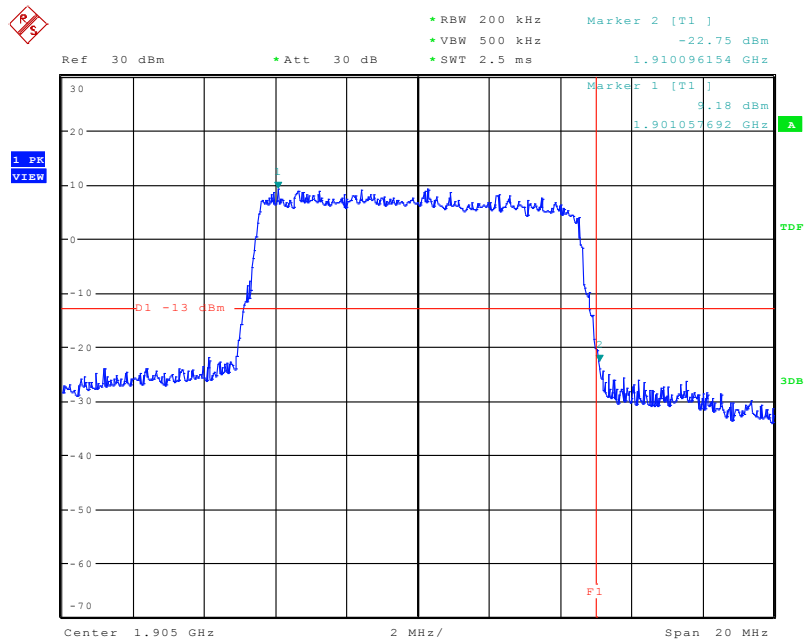
BAND2-1855MHz,Q16-50RB_LOW@Pass



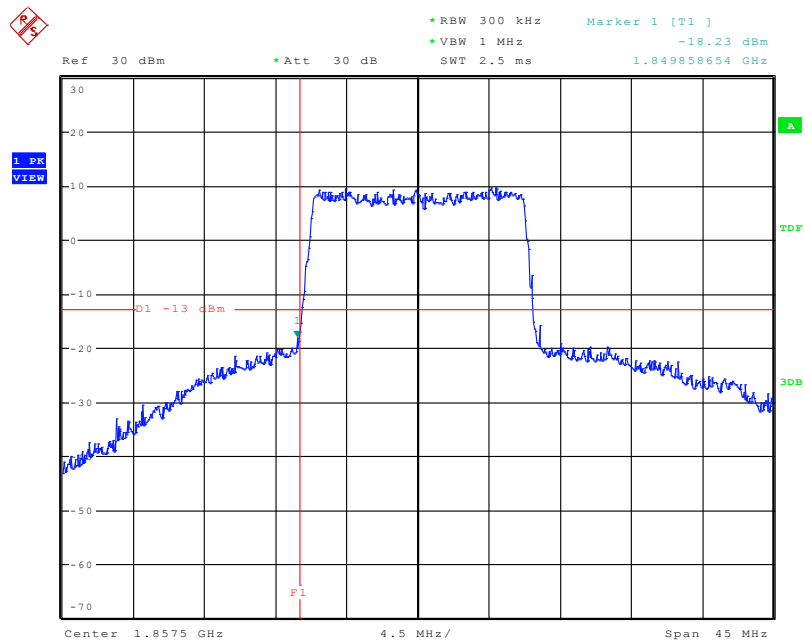
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BAND2-1905MHz,QPSK-50RB_LOW@Pass

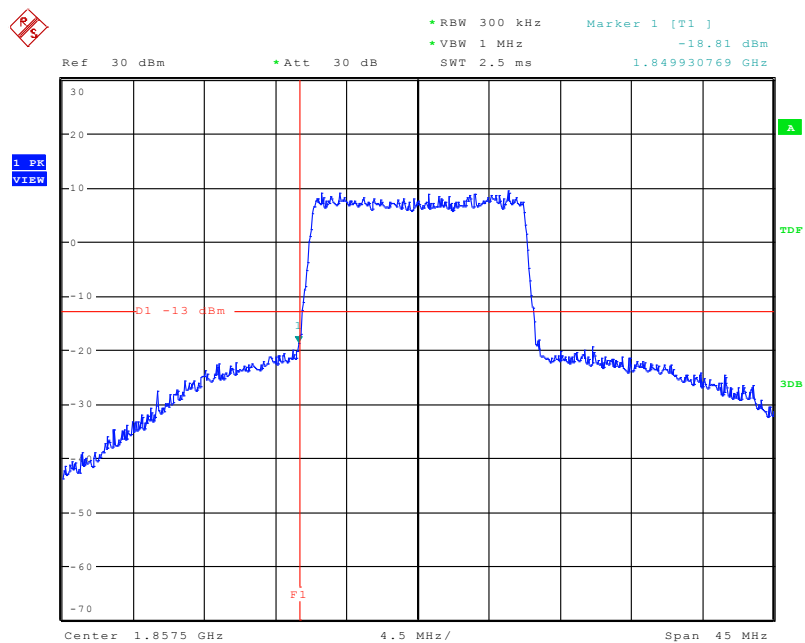
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BAND2-1905MHz,Q16-50RB_LOW@Pass

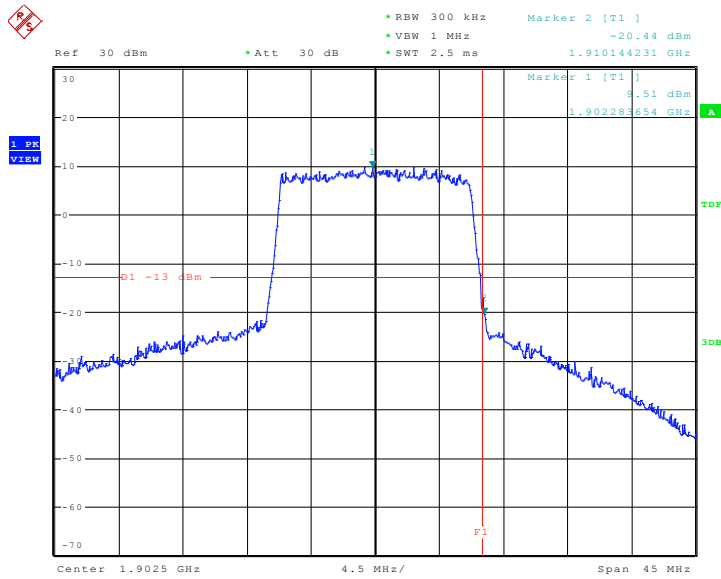
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BAND2-1857.5MHz,QPSK-75RB_LOW@Pass

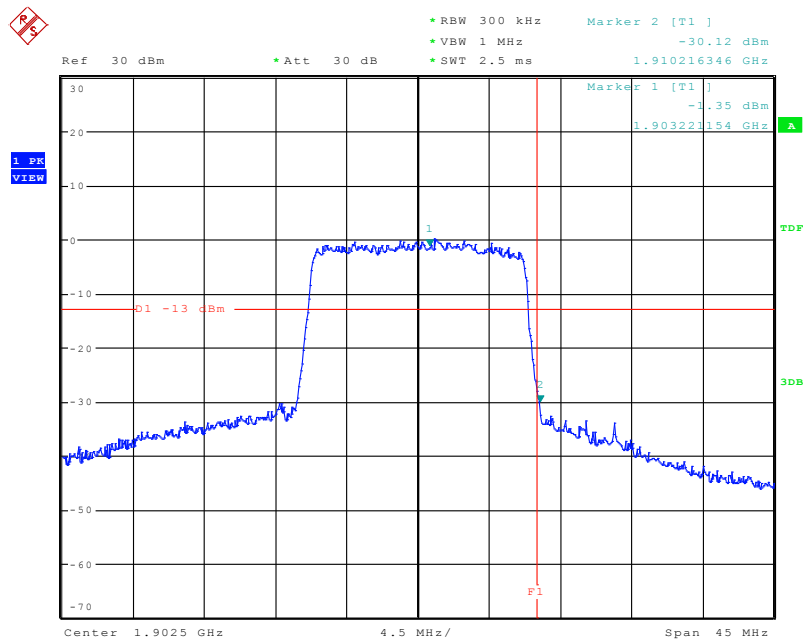
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BAND2-1857.5MHz,Q16-75RB_LOW@Pass

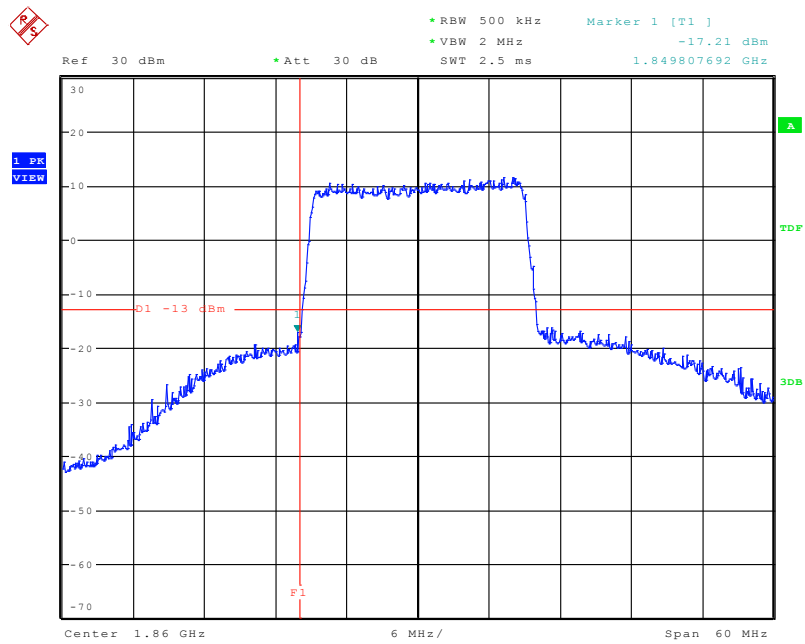
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BAND2-1902.5MHz,QPSK-75RB_LOW@Pass

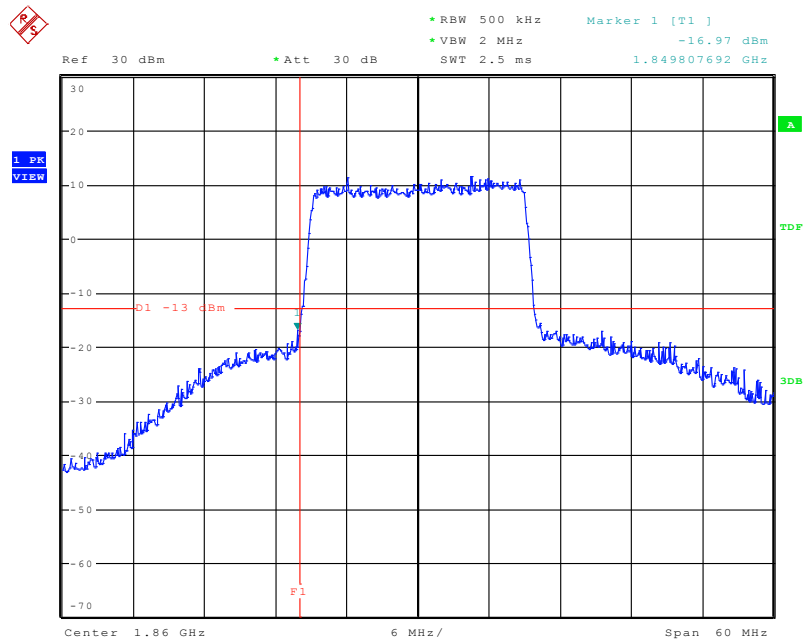
Date: 24.SEP.2016 09:49:08

BAND2-1902.5MHz,Q16-75RB_LOW@Pass

Date: 24.SEP.2016 09:50:34

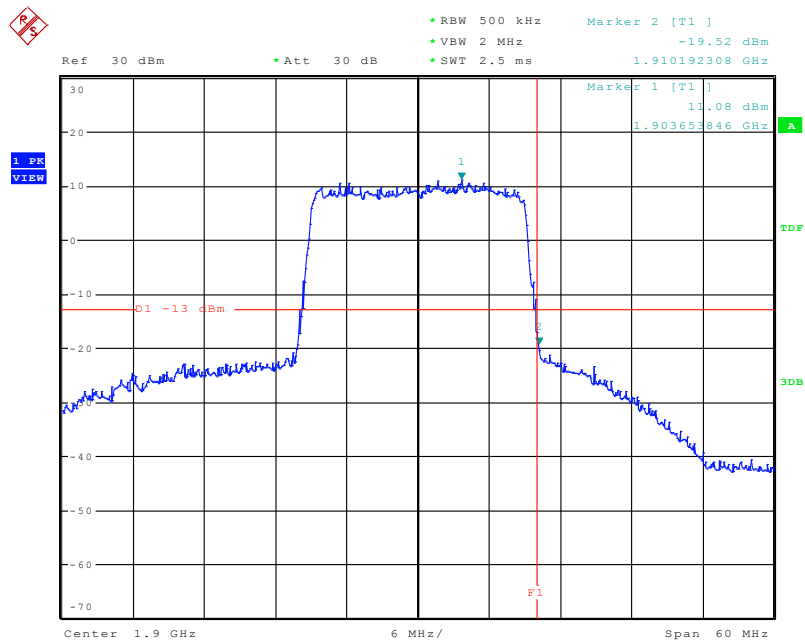
BAND2-1860MHz,QPSK-100RB_LOW@Pass

Date: 23.SEP.2016 15:23:45

BAND2-1860MHz,Q16-100RB_LOW@Pass

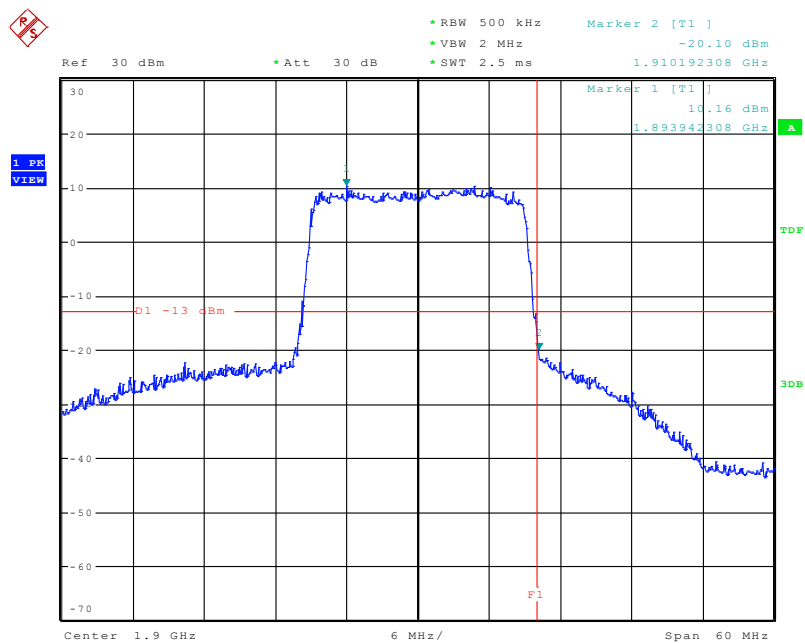
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BAND2-1900MHz,QPSK-100RB_LOW@Pass

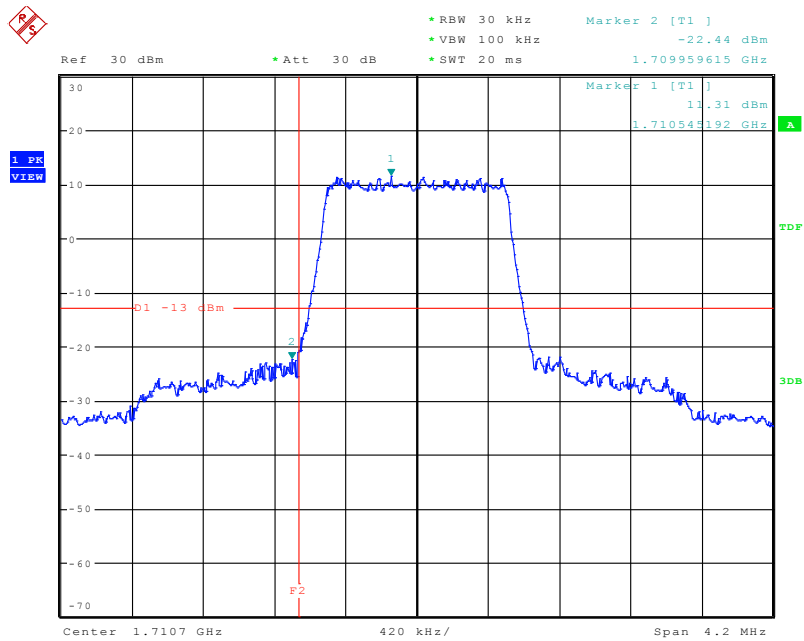


Date: 24.SEP.2016 09:52:53

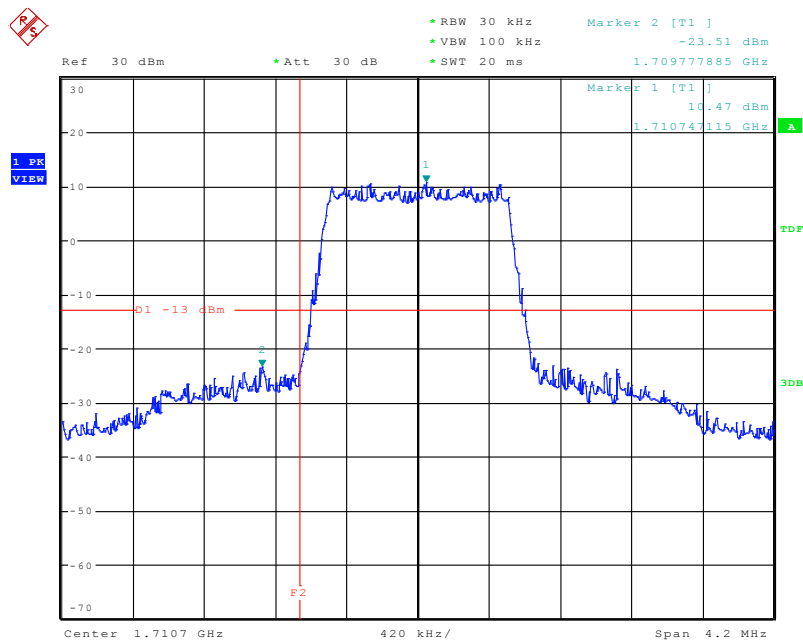
BAND2-1900MHz,Q16-100RB_LOW@Pass



Date: 24.SEP.2016 09:53:43

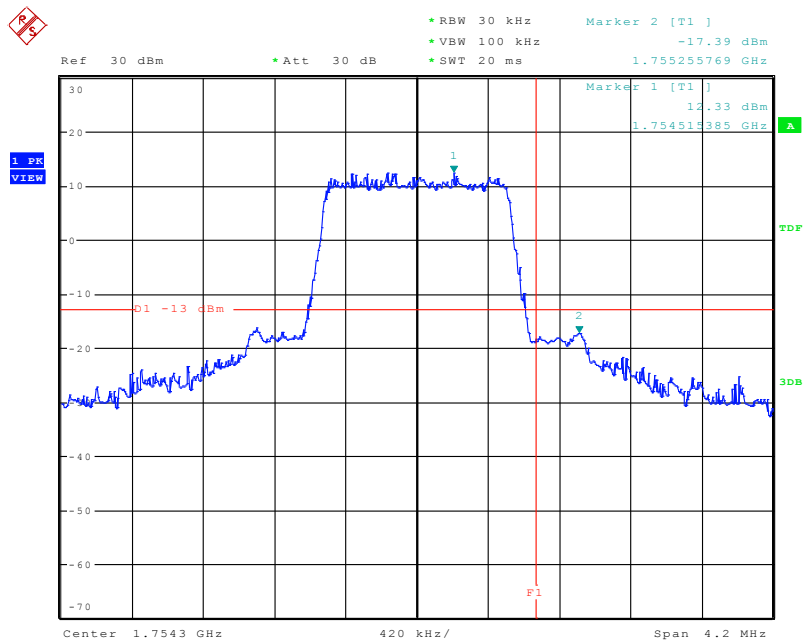
BAND 4@Band Edge*BAND4-1710.7MHz,QPSK-6RB_LOW@Pass*

17:42

BAND4-1710.7MHz,Q16-6RB_LOW@Pass

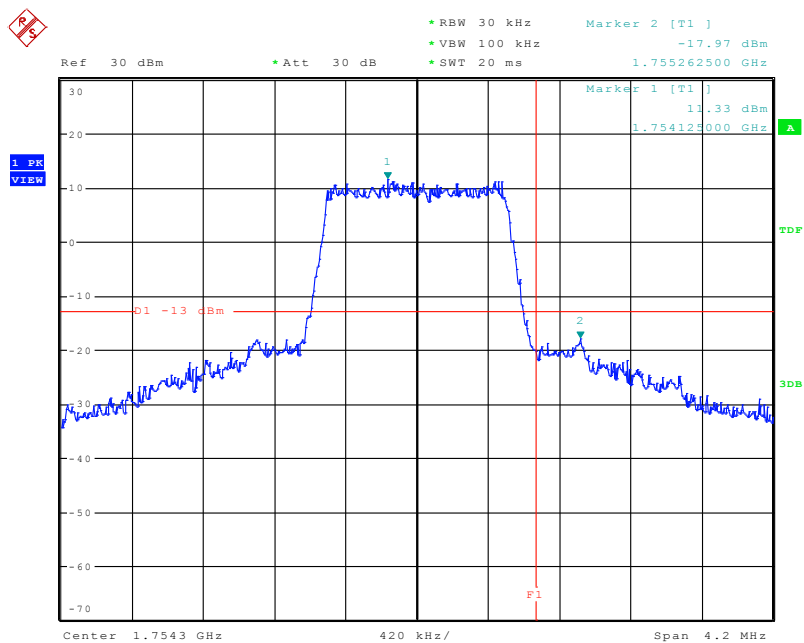
Date: 24.SEP.2016 14:18:29

BAND4-1754.3MHz,QPSK-6RB_LOW@Pass



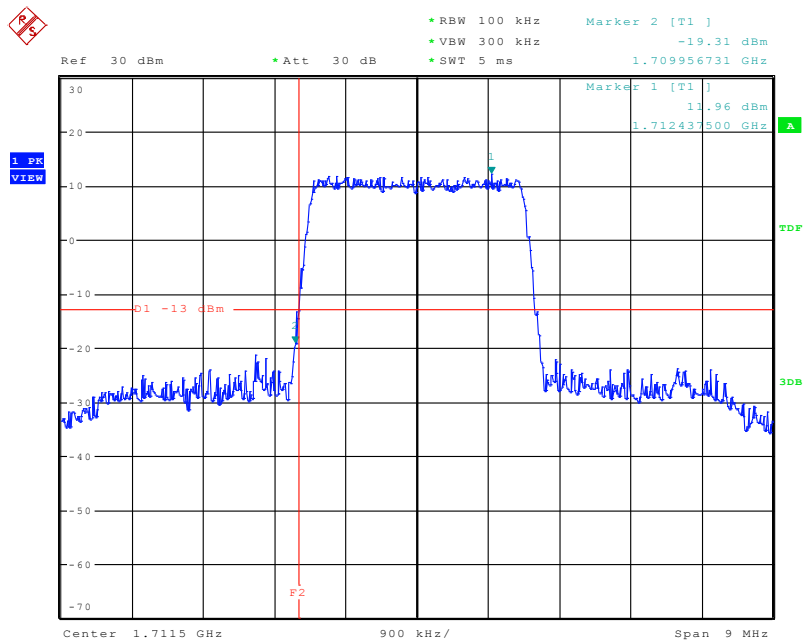
Date: 24.SEP.2016 14:20:10

BAND4-1754.3MHz,Q16-6RB_LOW@Pass



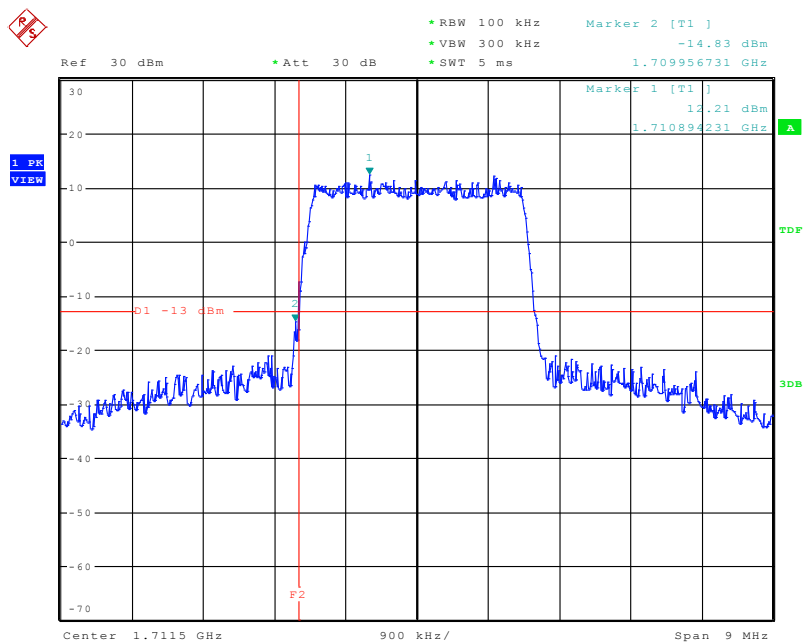
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BAND4-1711.5MHz,QPSK-15RB_LOW@Pass



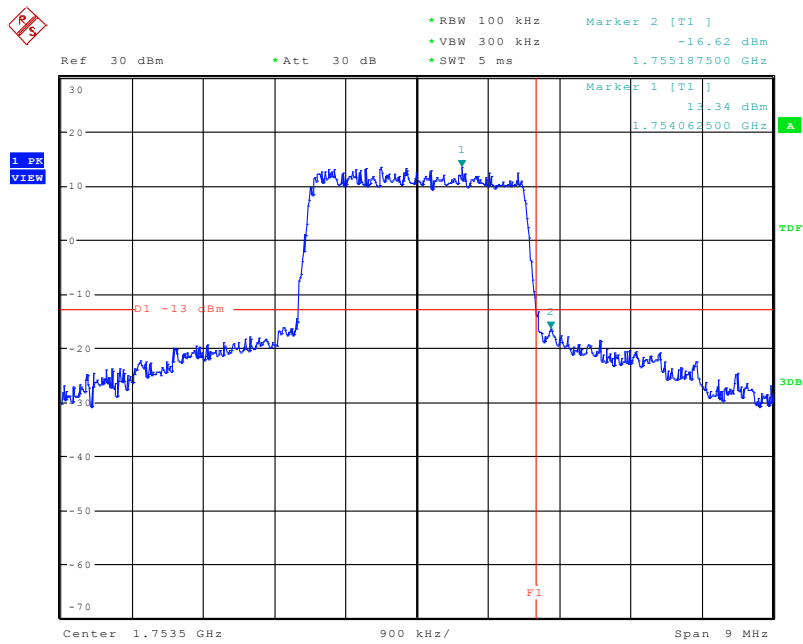
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BAND4-1711.5MHz,Q16-15RB_LOW@Pass

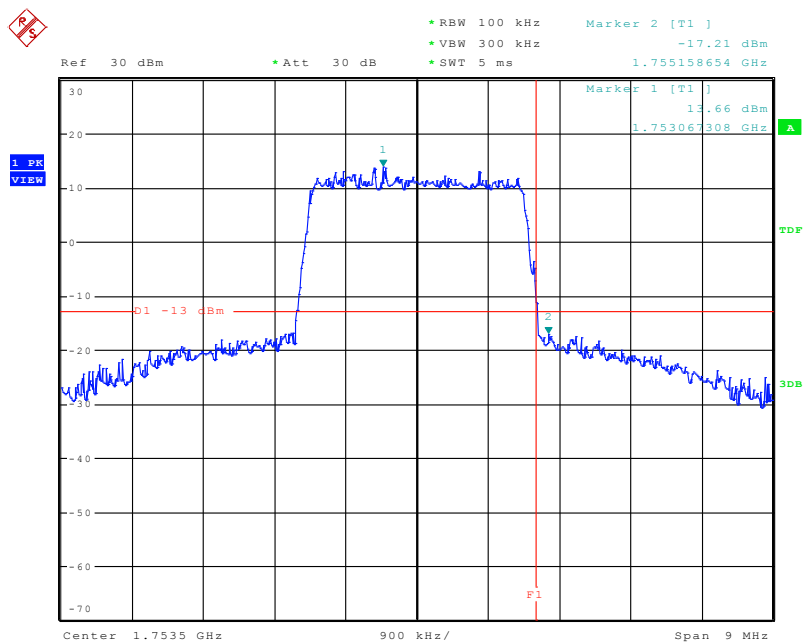


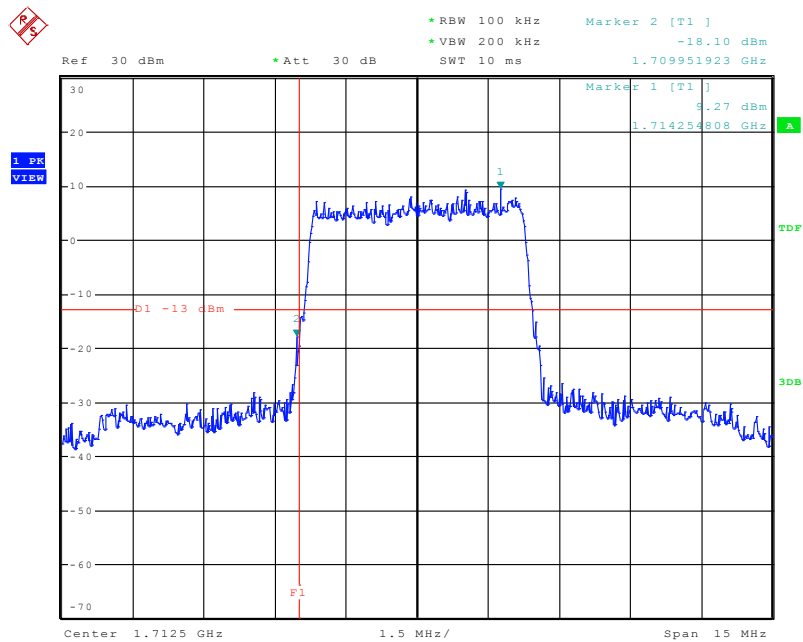
4:23:01

BAND4-1753.5MHz,QPSK-15RB_LOW@Pass

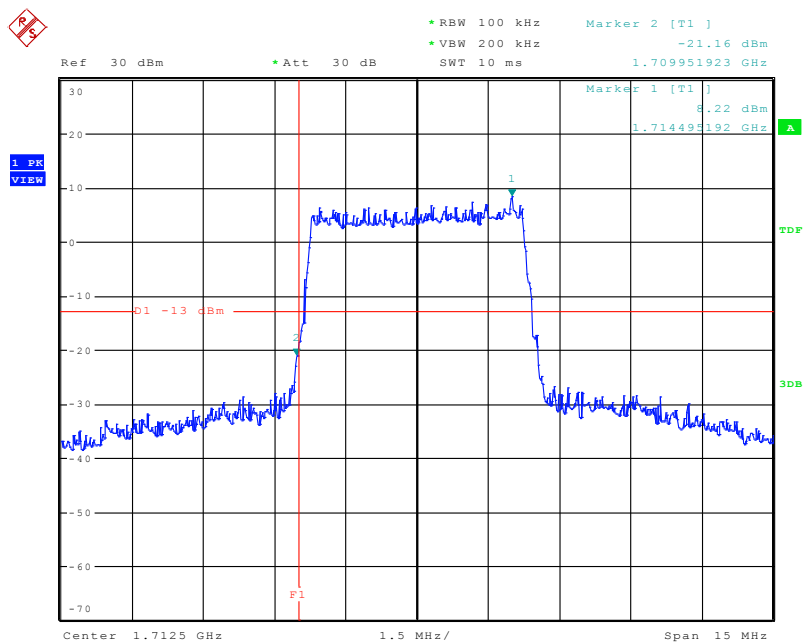


BAND4-1753.5MHz,Q16-15RB_LOW@Pass

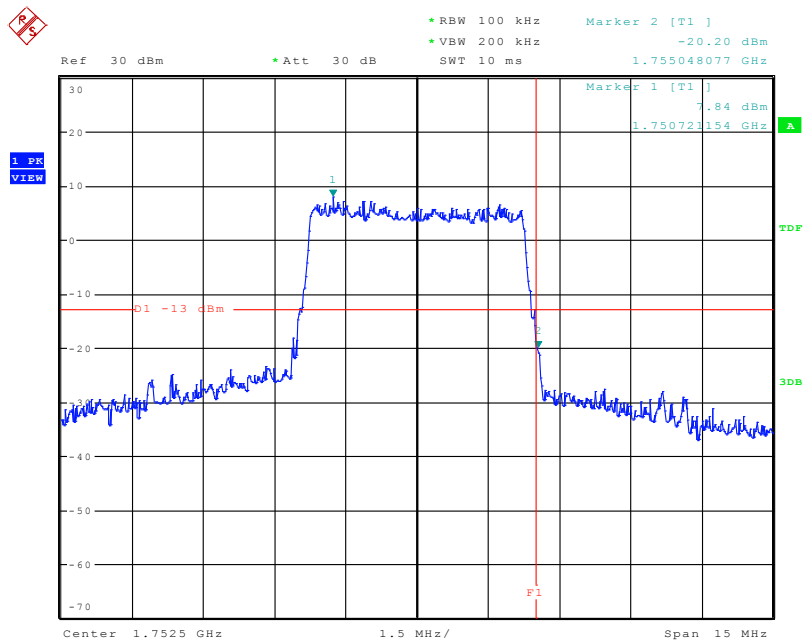


BAND4-1712.5MHz,QPSK-25RB_LOW@Pass

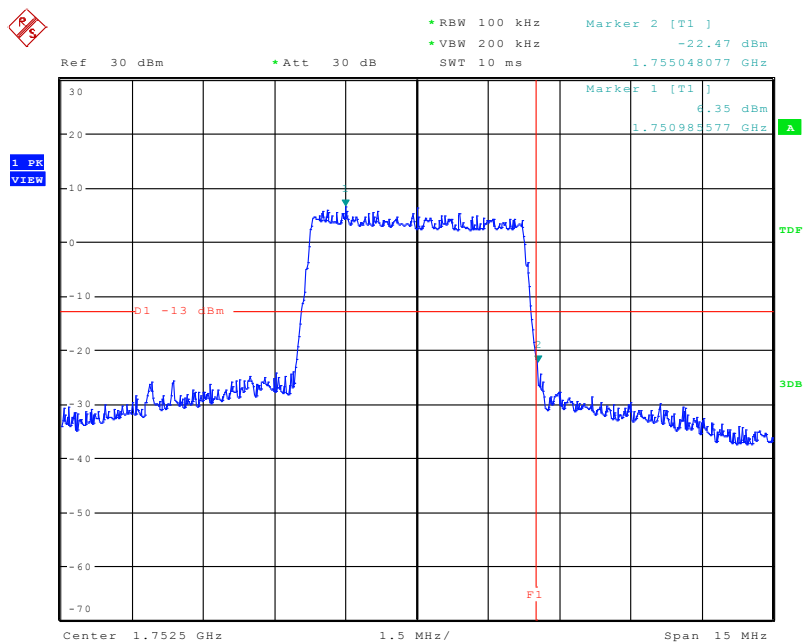
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BAND4-1712.5MHz,Q16-25RB_LOW@Pass

Date: 20.SEP.2016 18:44:02

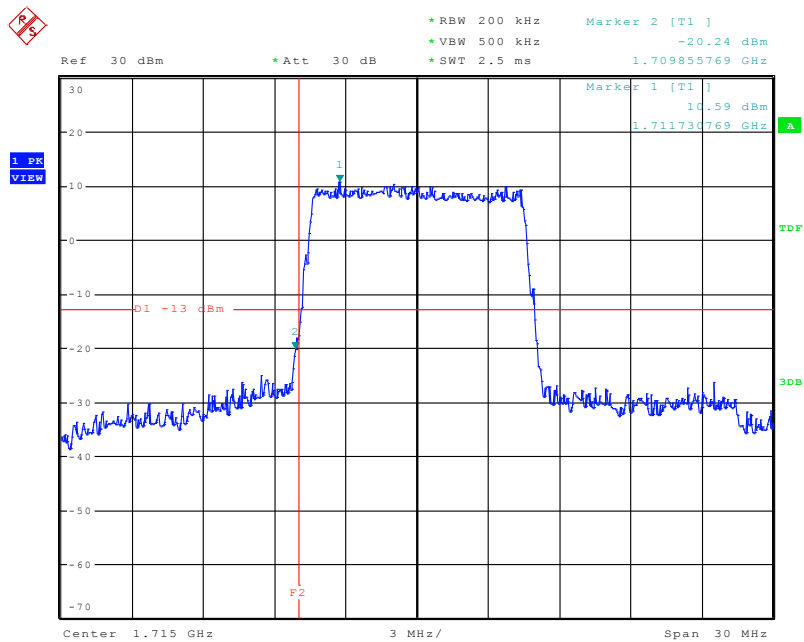
BAND4-1752.5MHz,QPSK-25RB_LOW@Pass

Date: 20.SEP.2016 18:44:33

BAND4-1752.5MHz,Q16-25RB_LOW@Pass

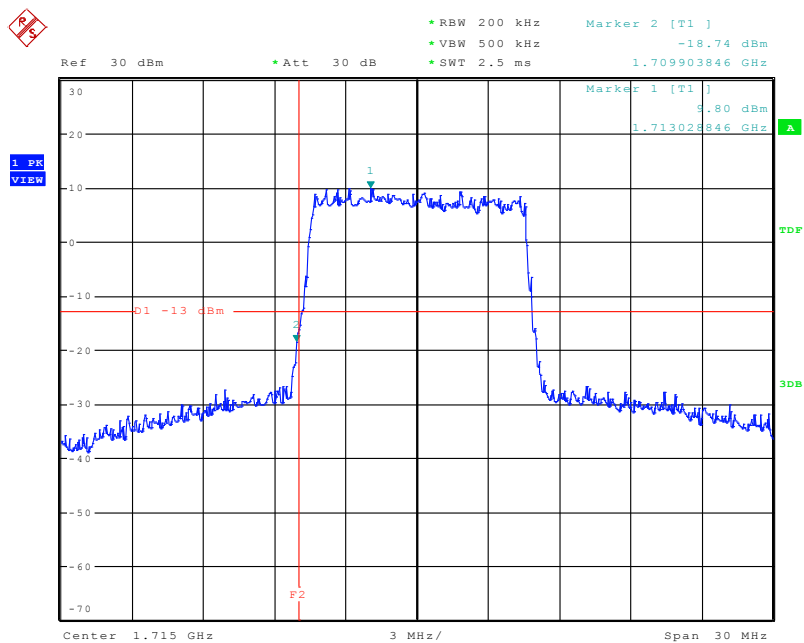
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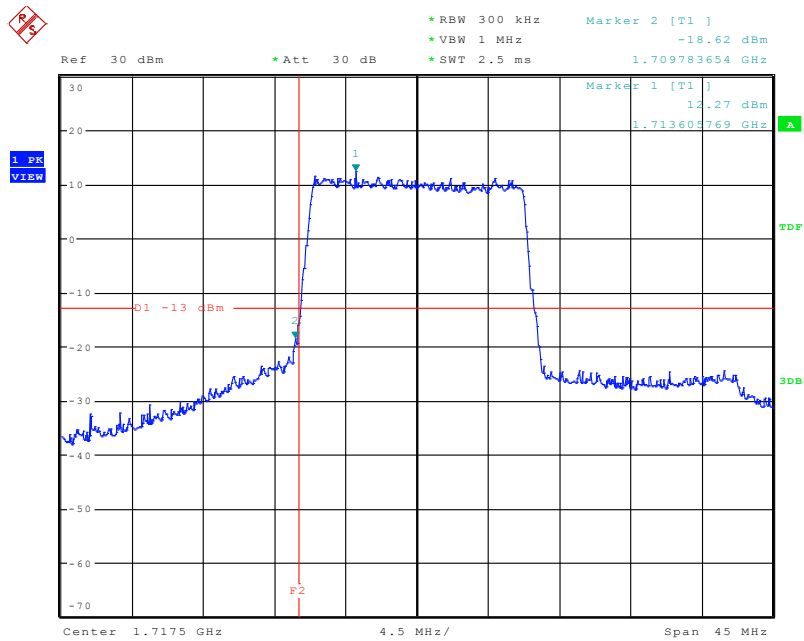
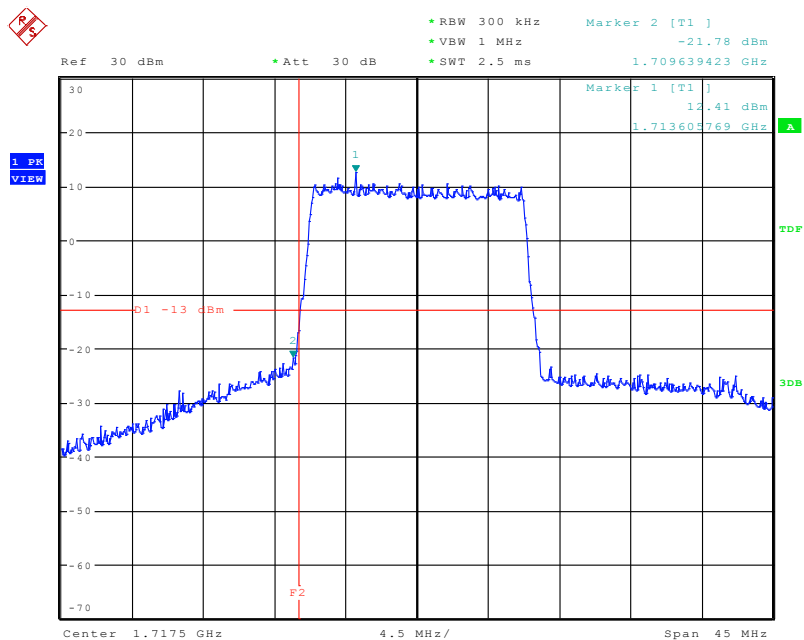


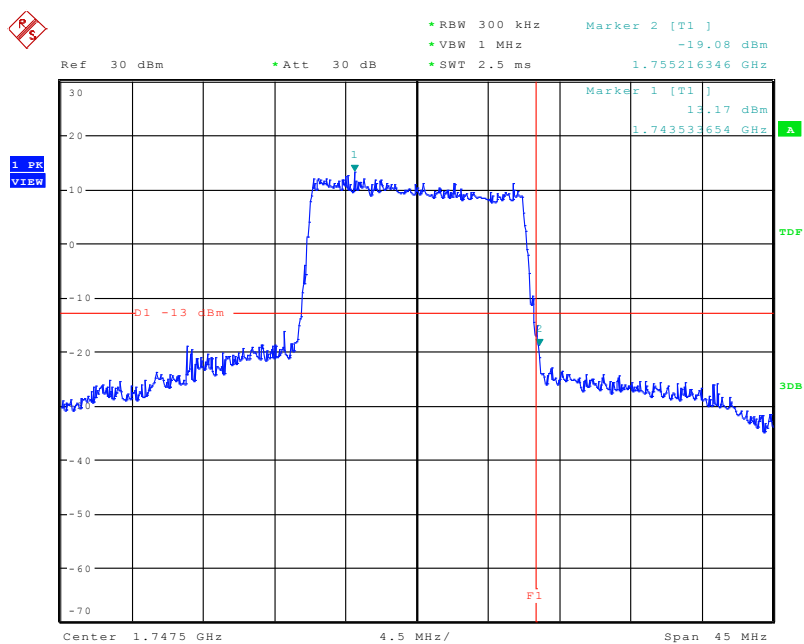
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BAND4-1715MHz,Q16-50RB_LOW@Pass

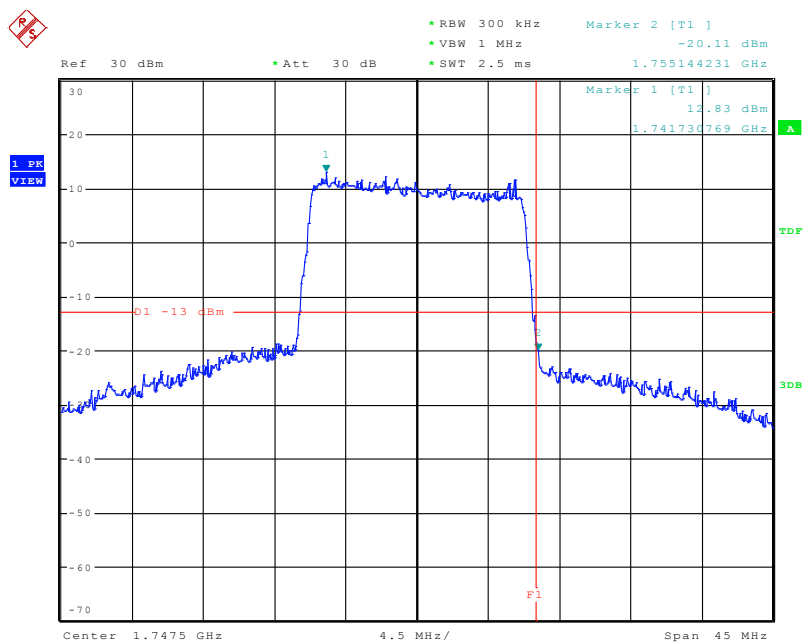


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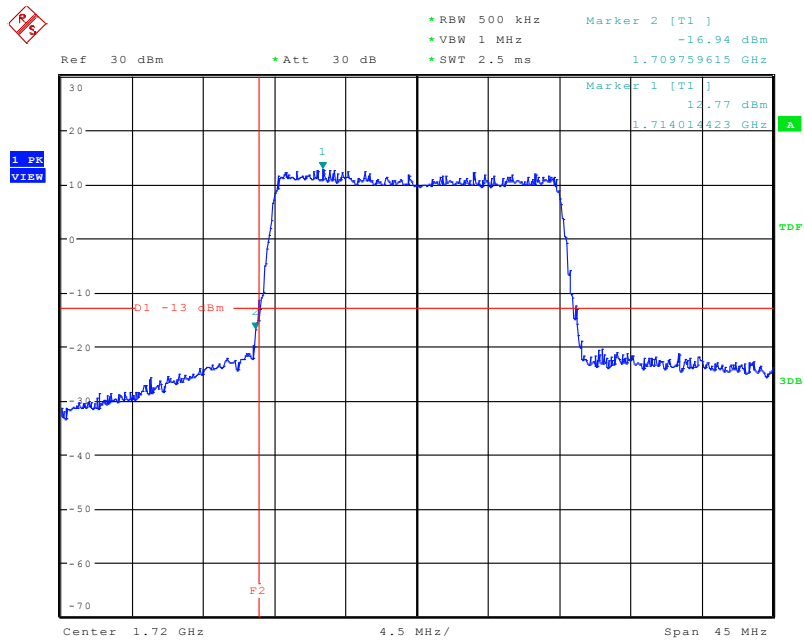
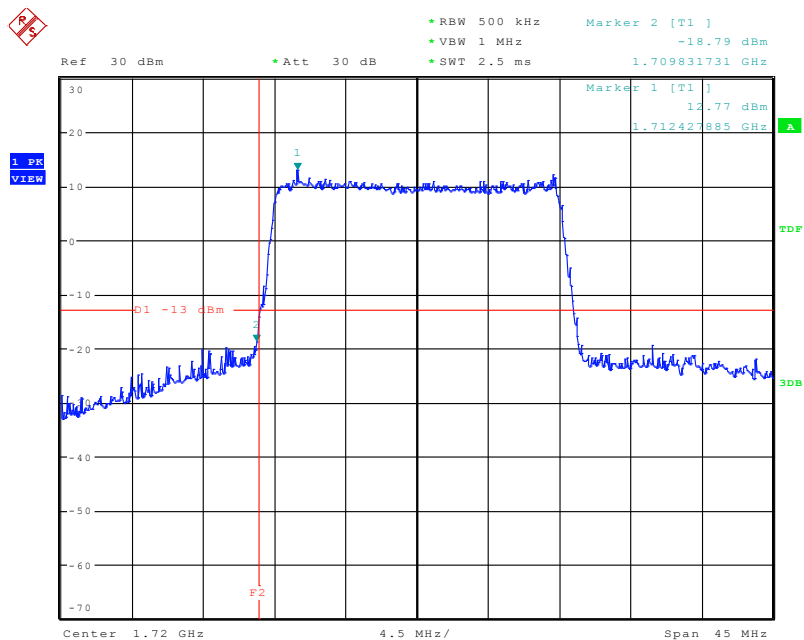
BAND4-1717.5MHz,QPSK-75RB_LOW@Pass**BAND4-1717.5MHz,Q16-75RB_LOW@Pass**

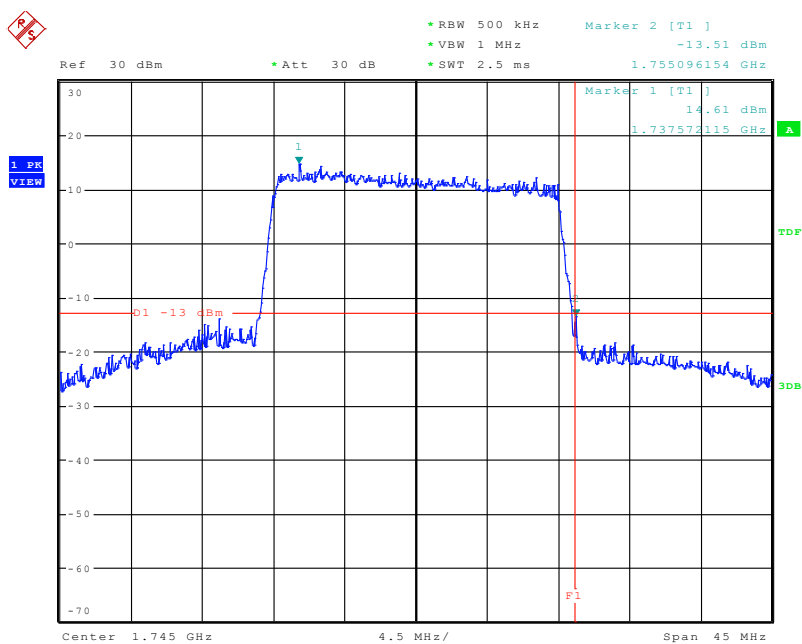
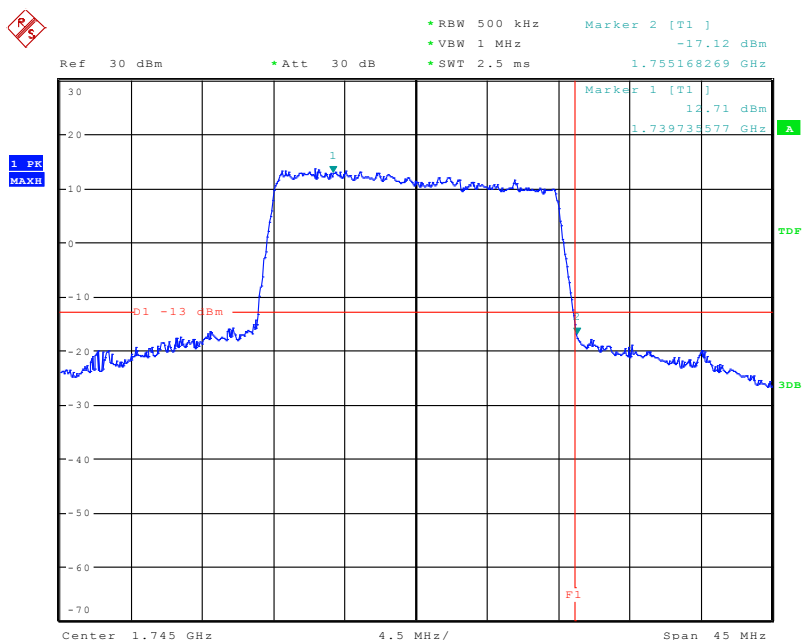
BAND4-1747.5MHz,QPSK-75RB_LOW@Pass

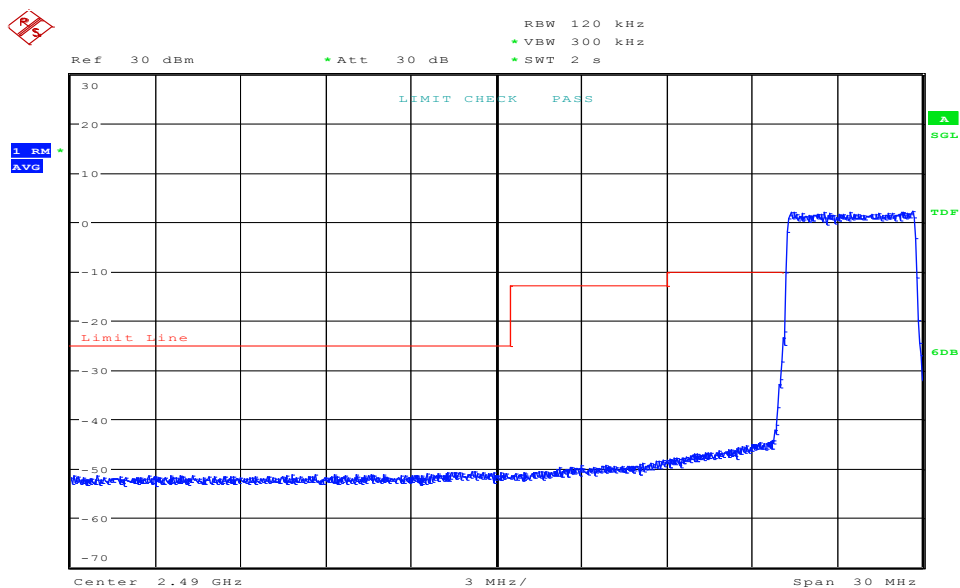
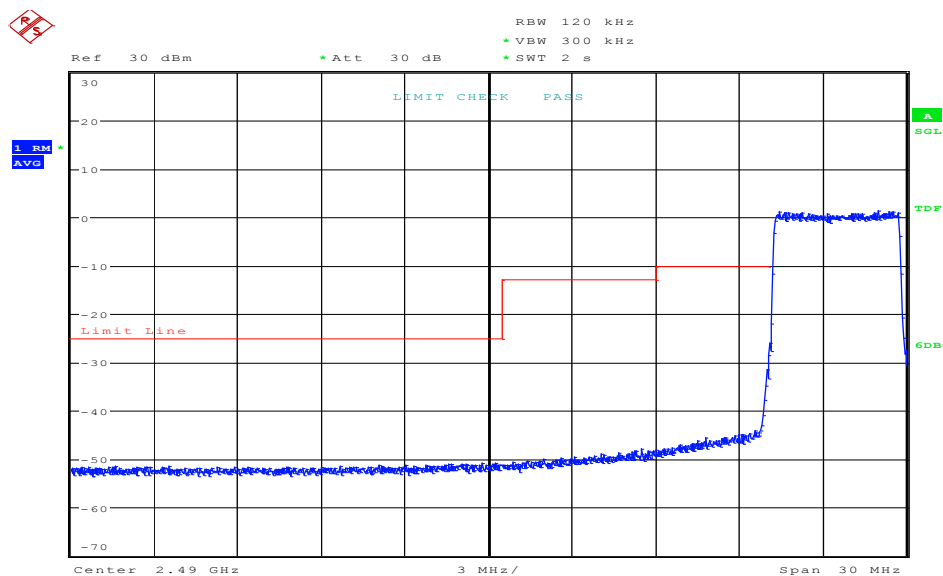
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BAND4-1747.5MHz,Q16-75RB_LOW@Pass

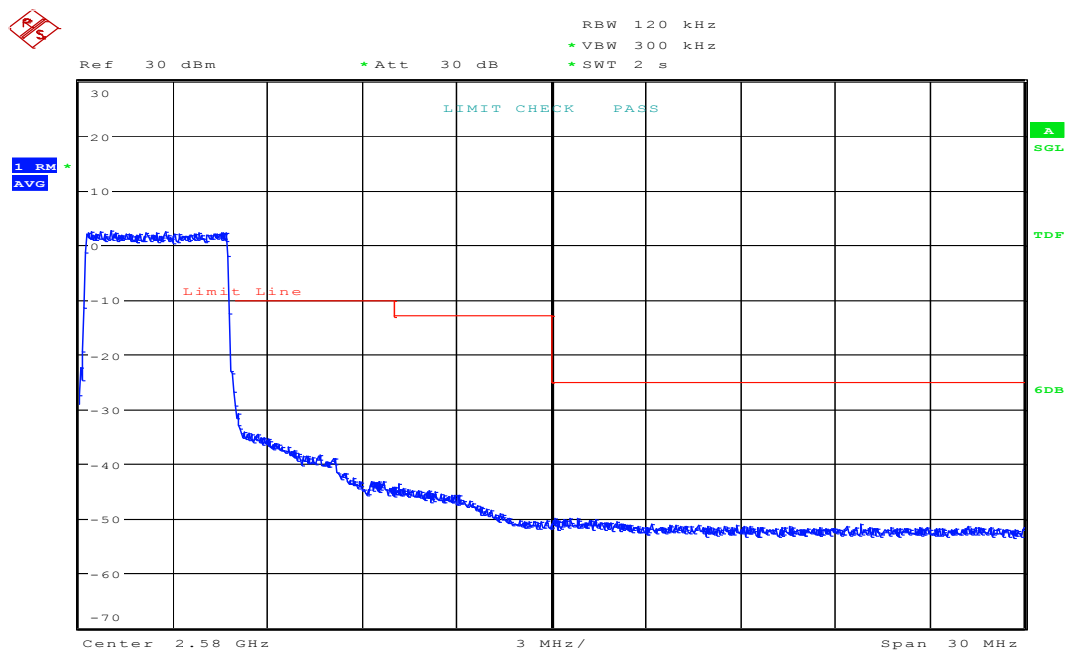
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BAND4-1720MHz,QPSK-100RB_LOW@Pass**BAND4-1720MHz,Q16-100RB_LOW@Pass**

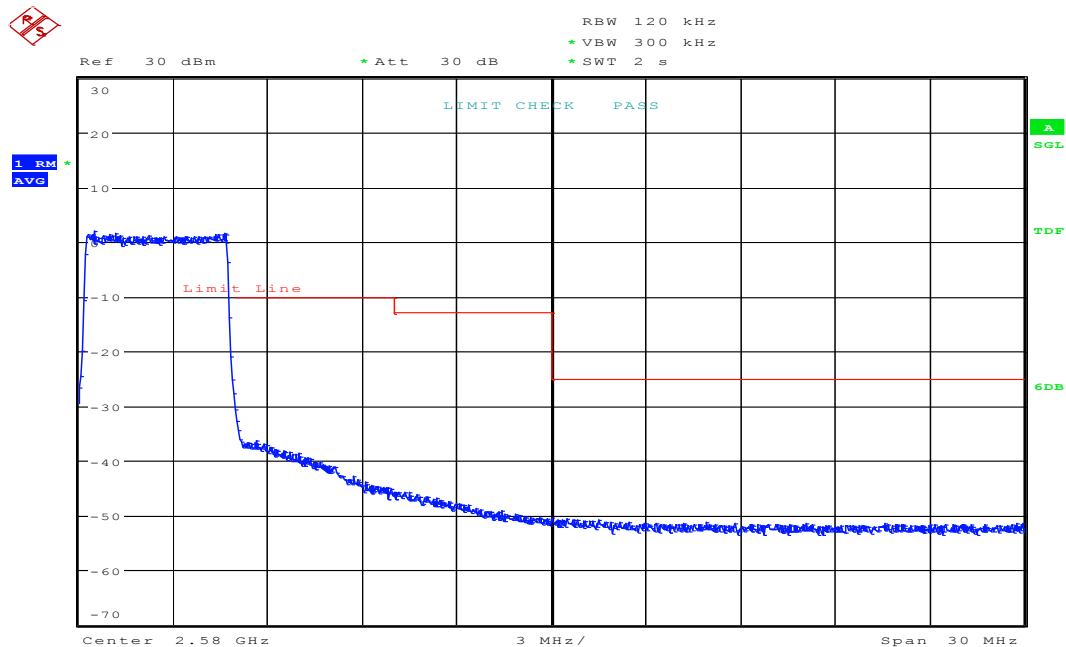
BAND4-1745MHz,QPSK-100RB_LOW@Pass**BAND4-1745MHz,Q16-100RB_LOW@Pass**

BAND 7@Emission Mask*BW5MHz-2502.5MHz,QPSK-25RB_LOW@Pass**BW5MHz-2502.5MHz,Q16-25RB_LOW@Pass*

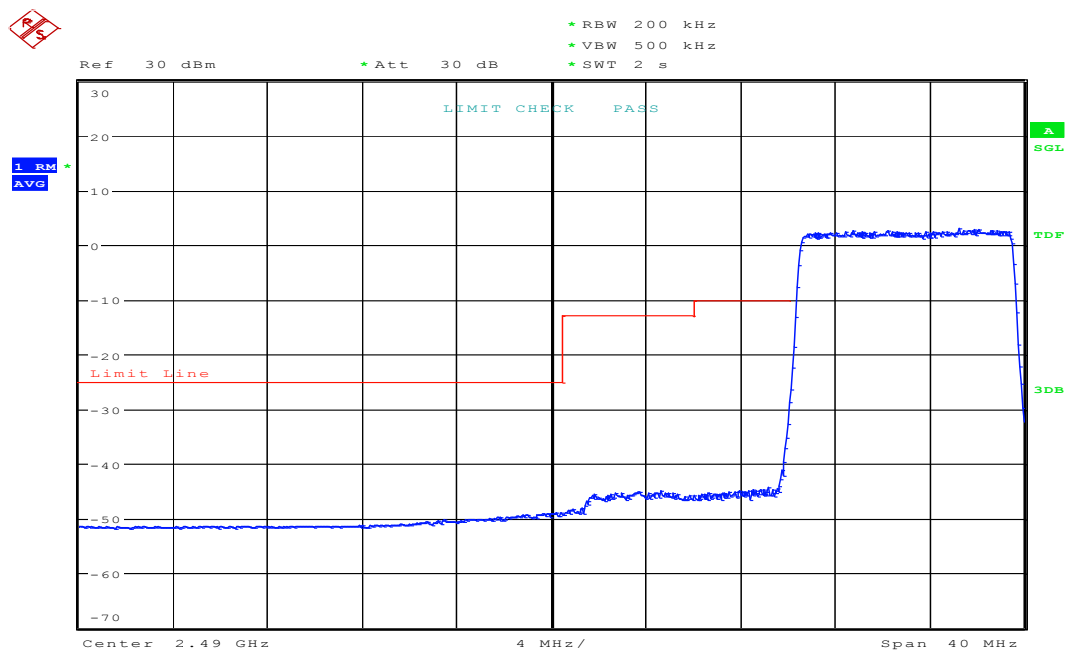
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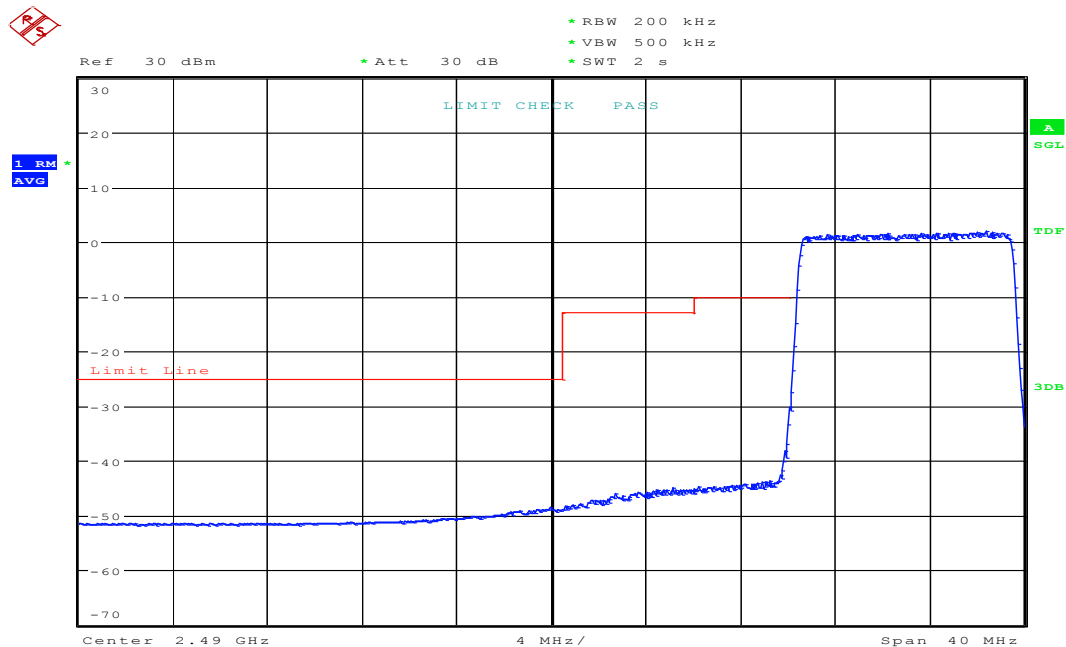
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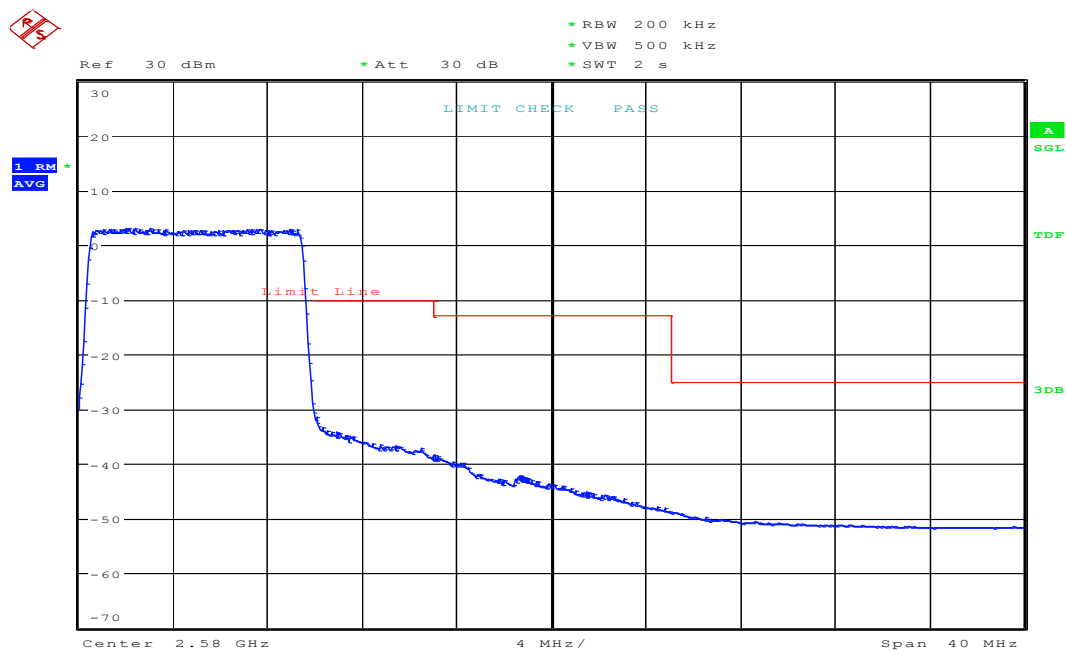
BW10MHz-2505MHz,QPSK-50RB_LOW@Pass



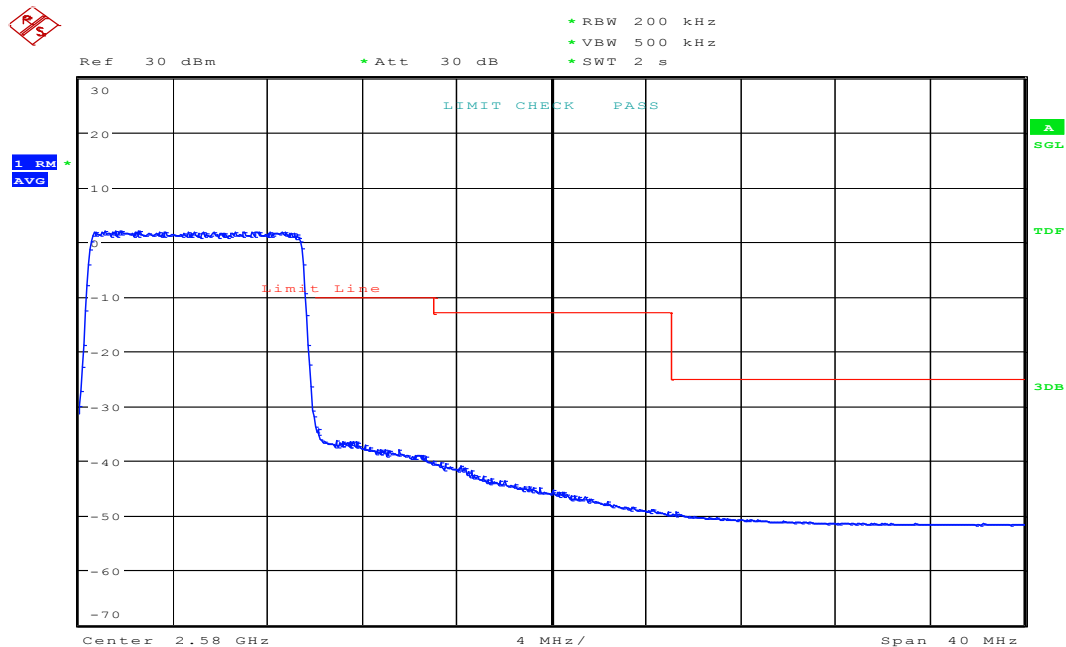
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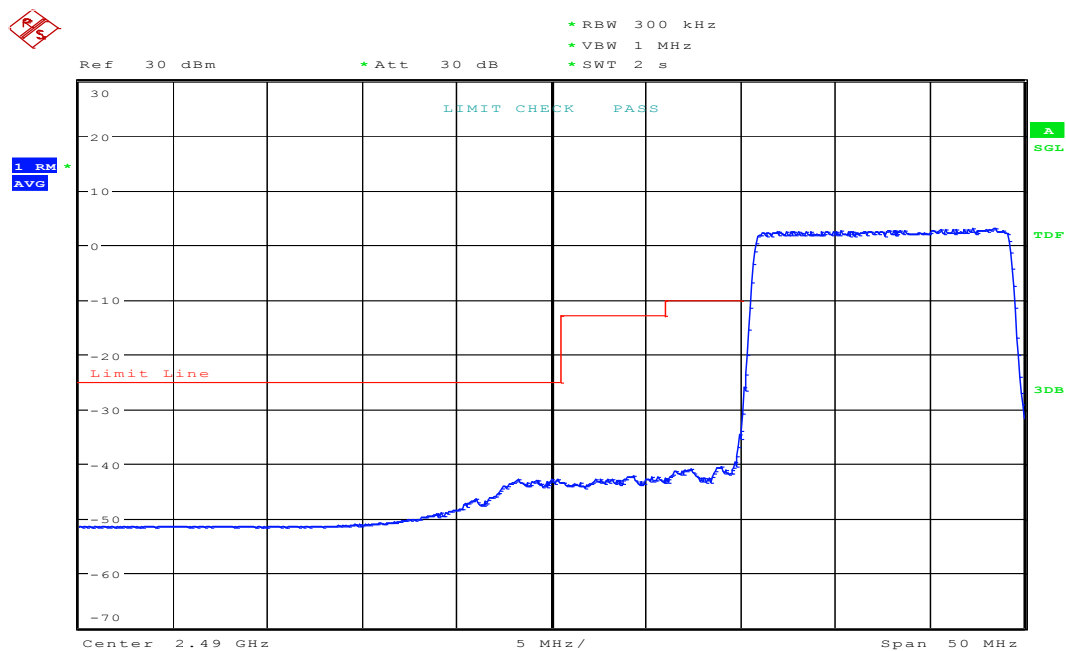
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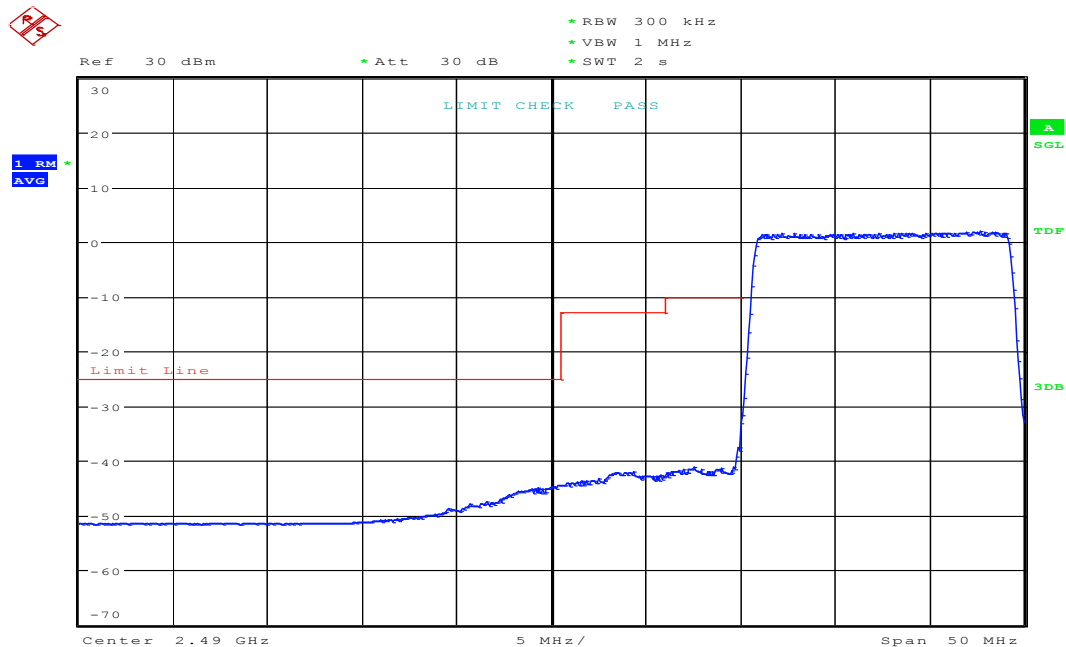
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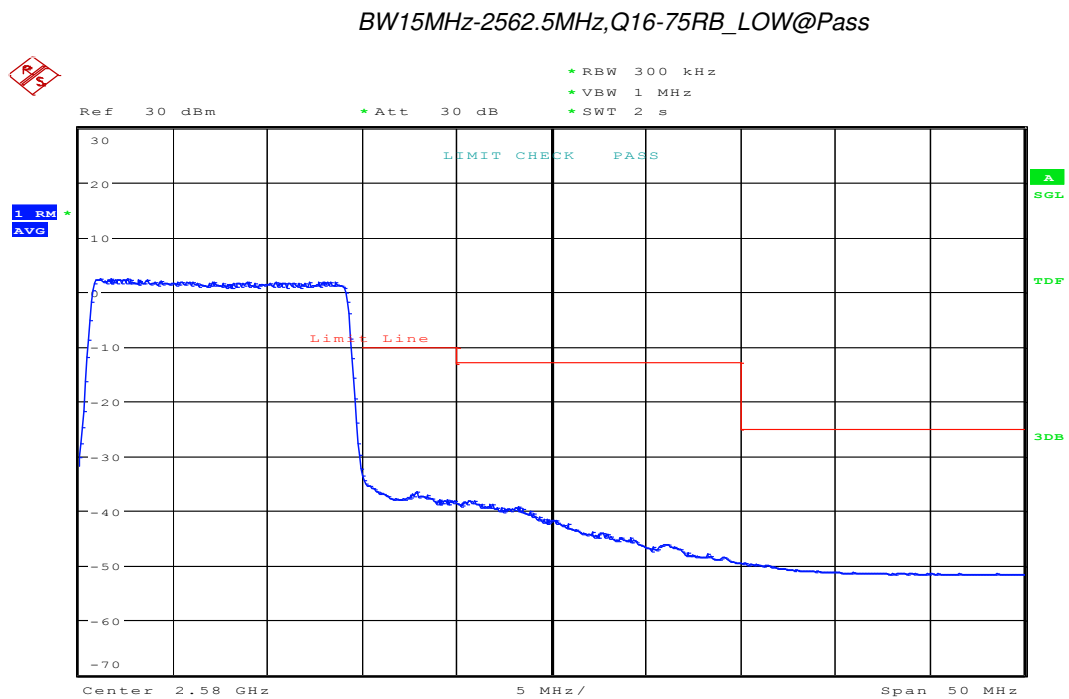
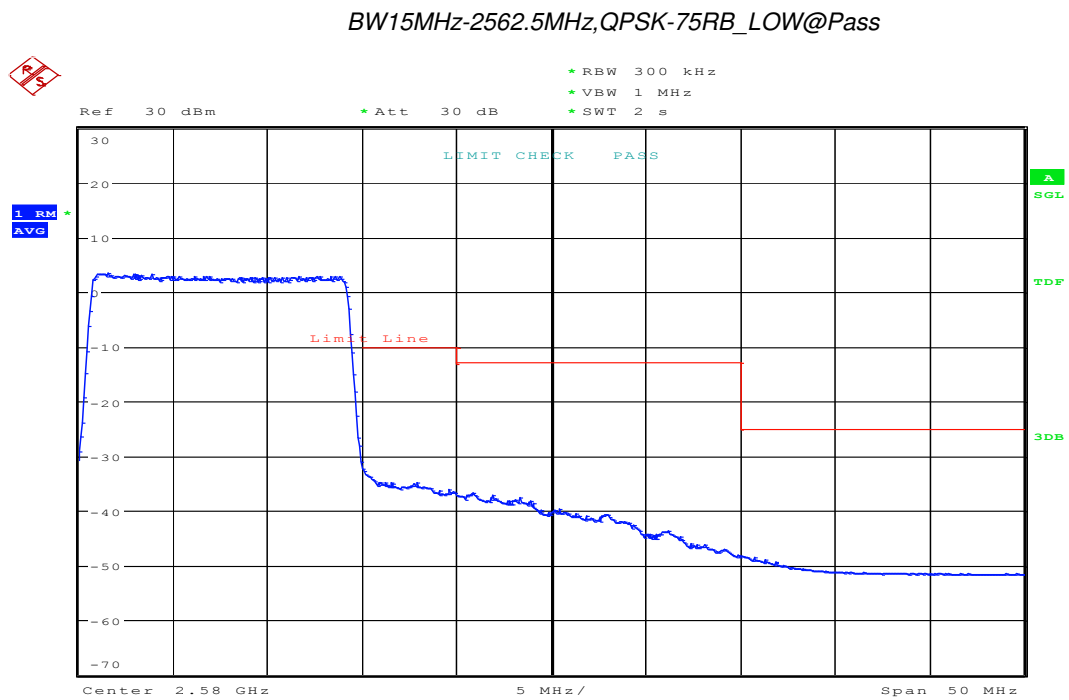


BW15MHz-2507.5MHz,QPSK-75RB_LOW@Pass

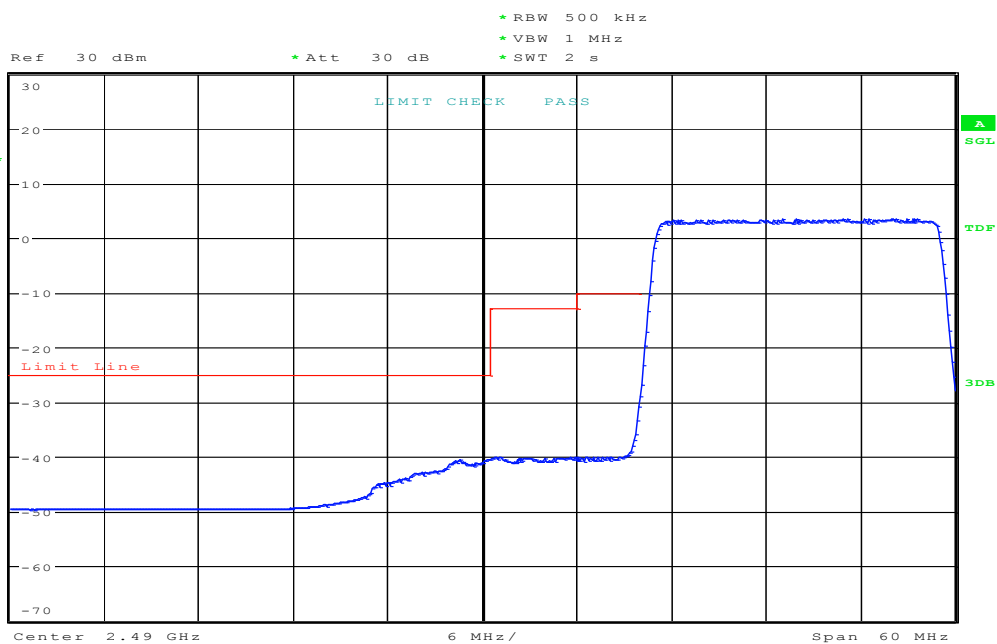


BW15MHz-2507.5MHz,Q16-75RB_LOW@Pass

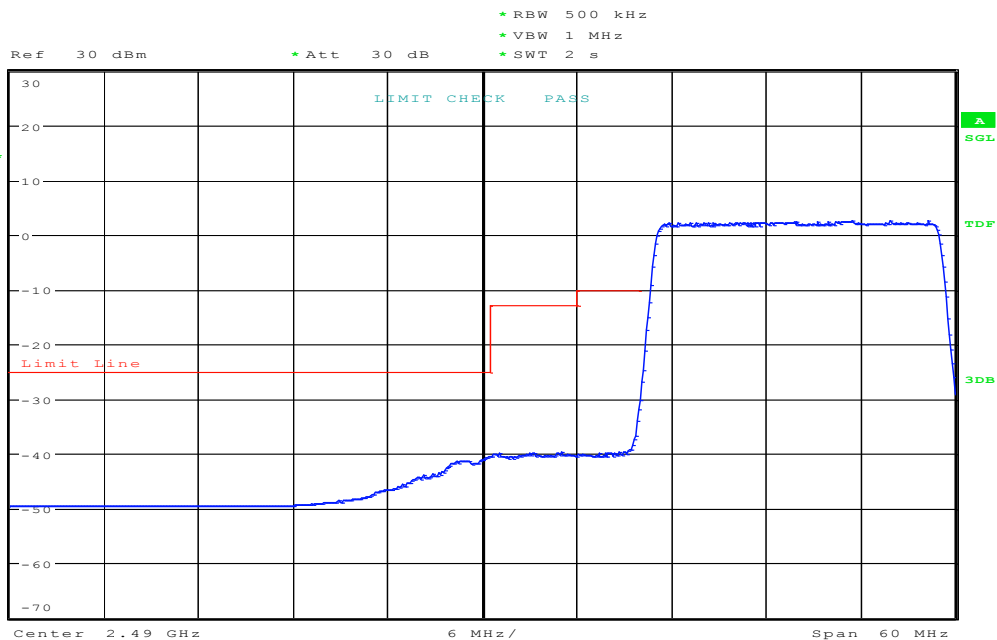


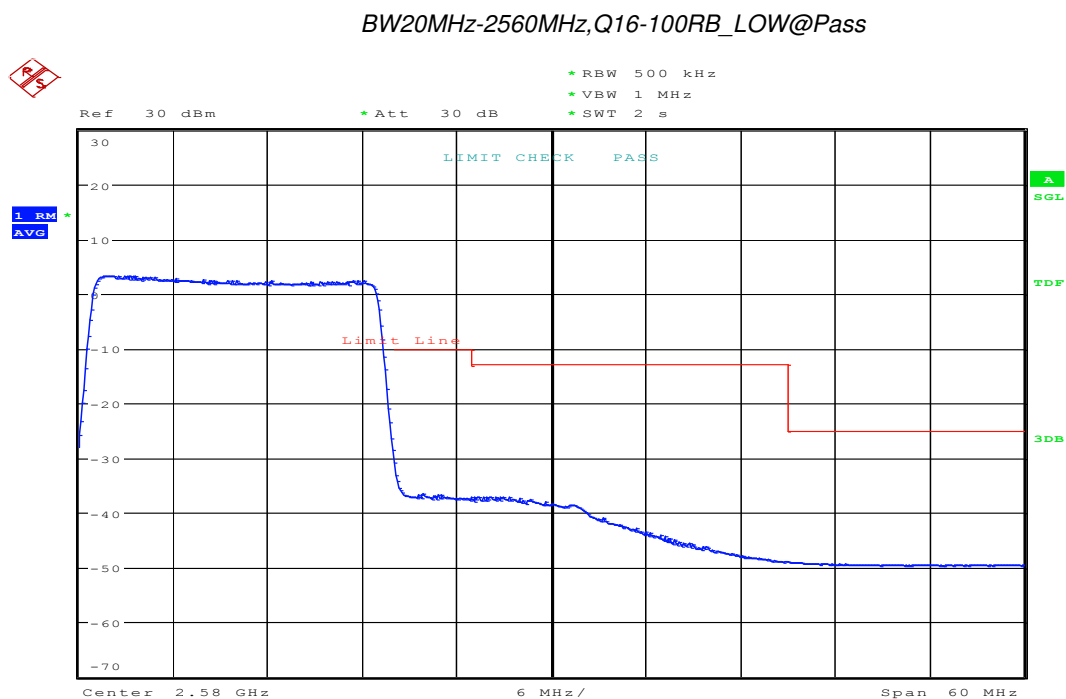
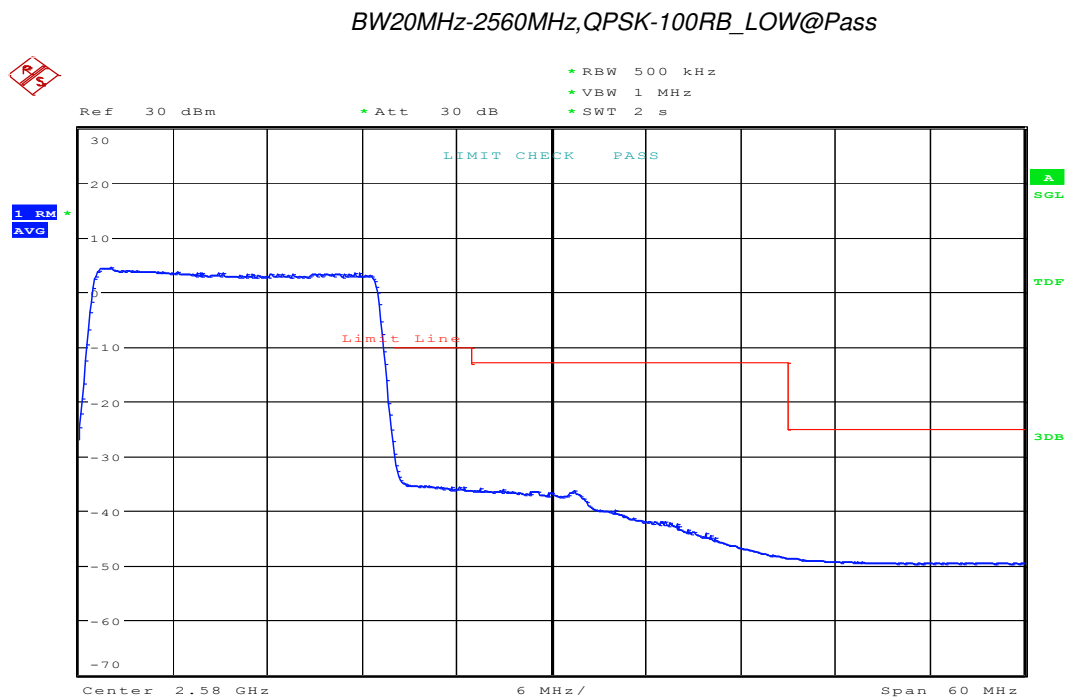


BW20MHz-2510MHz,QPSK-100RB_LOW@Pass

1 RM
AVG

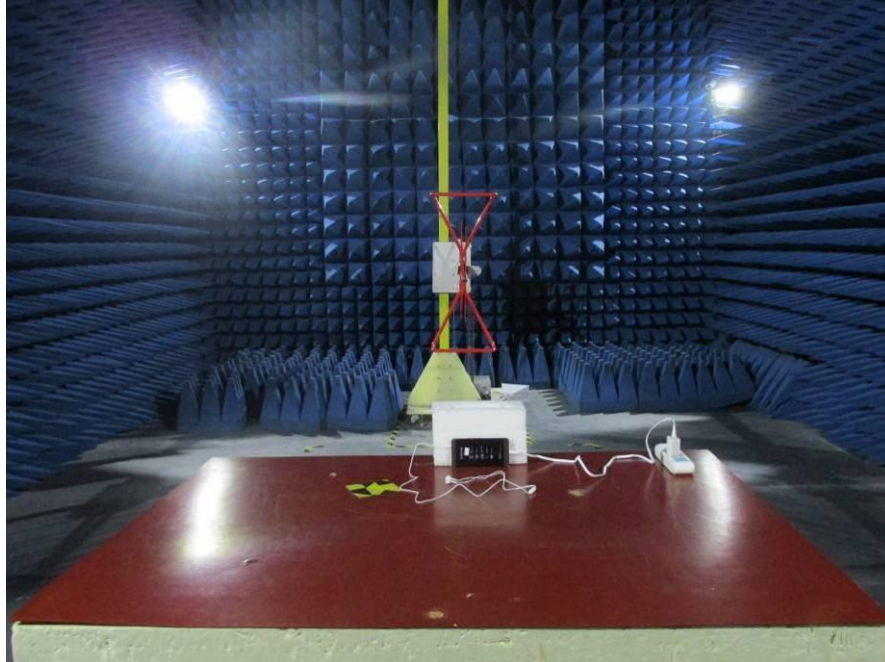
BW20MHz-2510MHz,Q16-100RB_LOW@Pass

1 RM
AVG

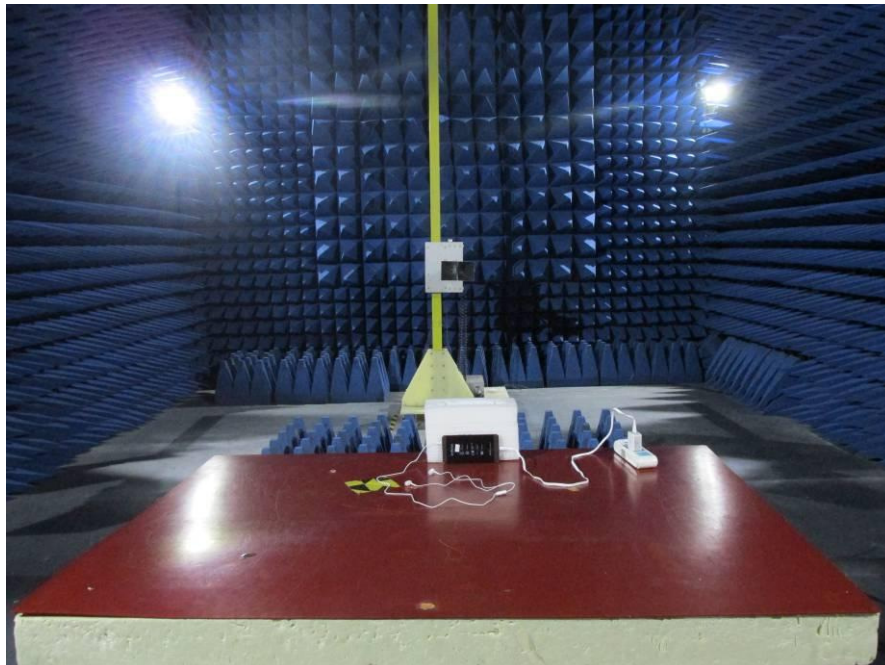


2 EUT TEST PHOTO

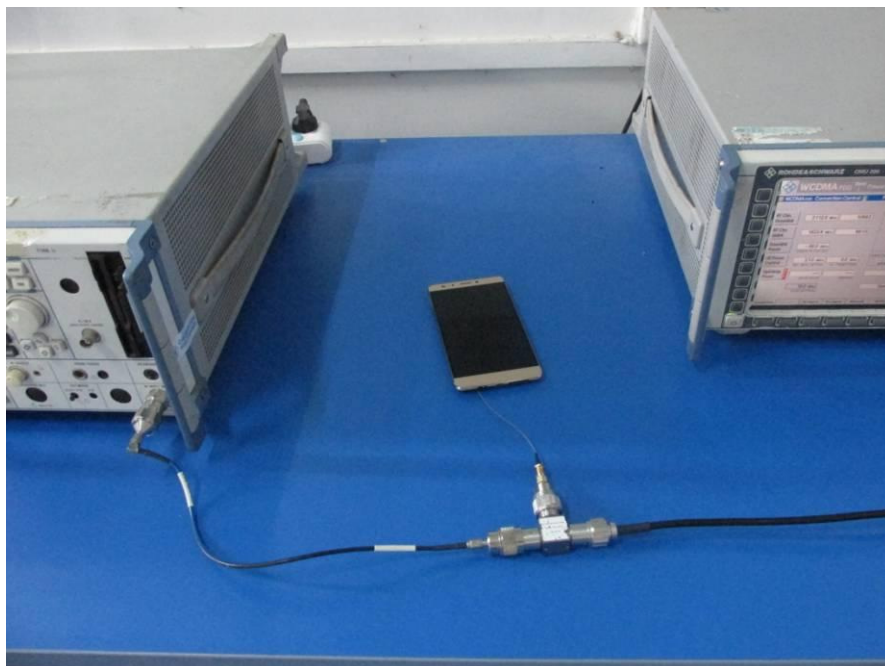
RADIATED EMISSION TEST



RADIATED EMISSION TEST



RF TEST

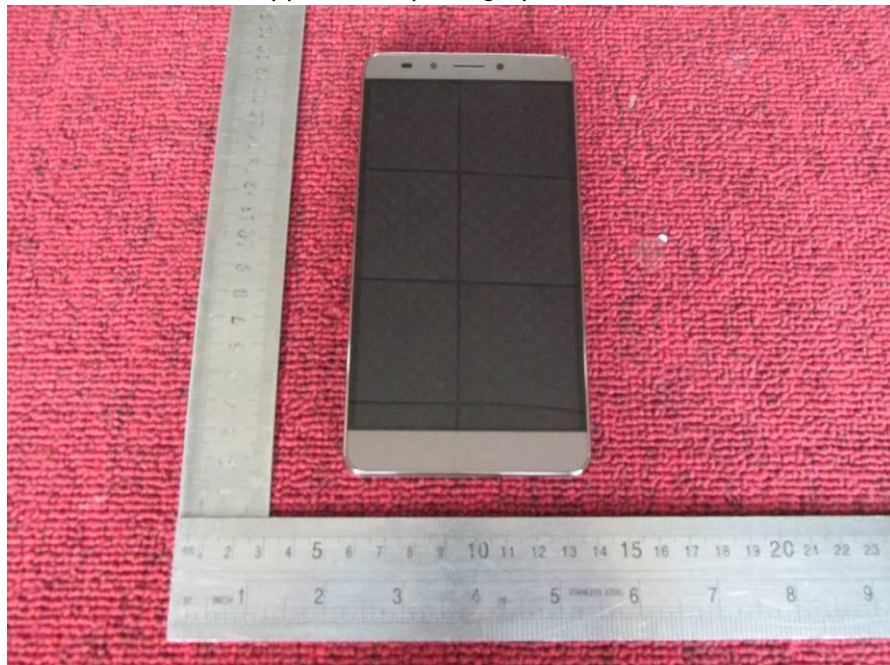


3 EUT PHOTO

Appearance photograph of EUT



Appearance photograph of EUT



Appearance photograph of EUT



Appearance photograph of EUT



Appearance photograph of EUT



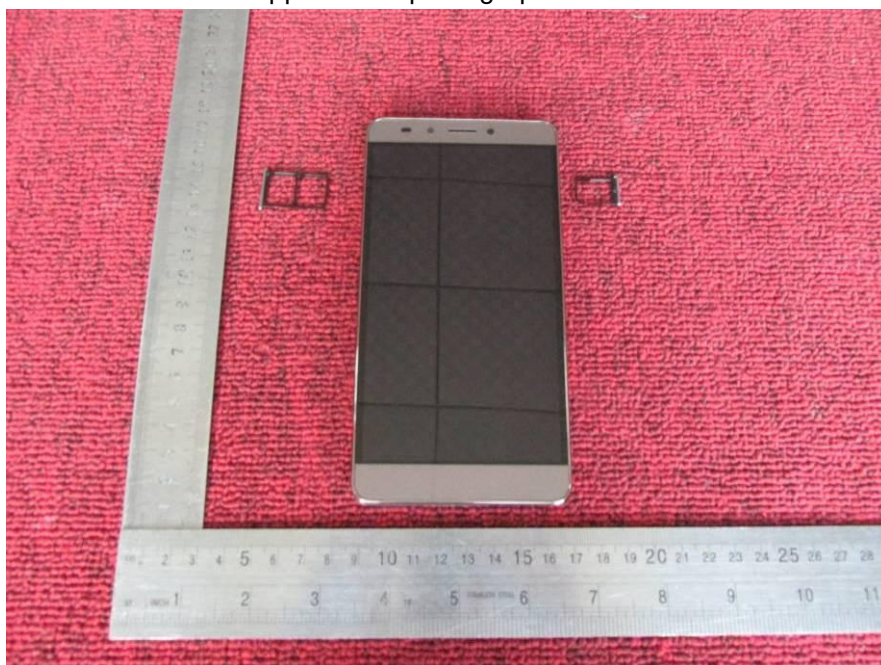
Appearance photograph of EUT



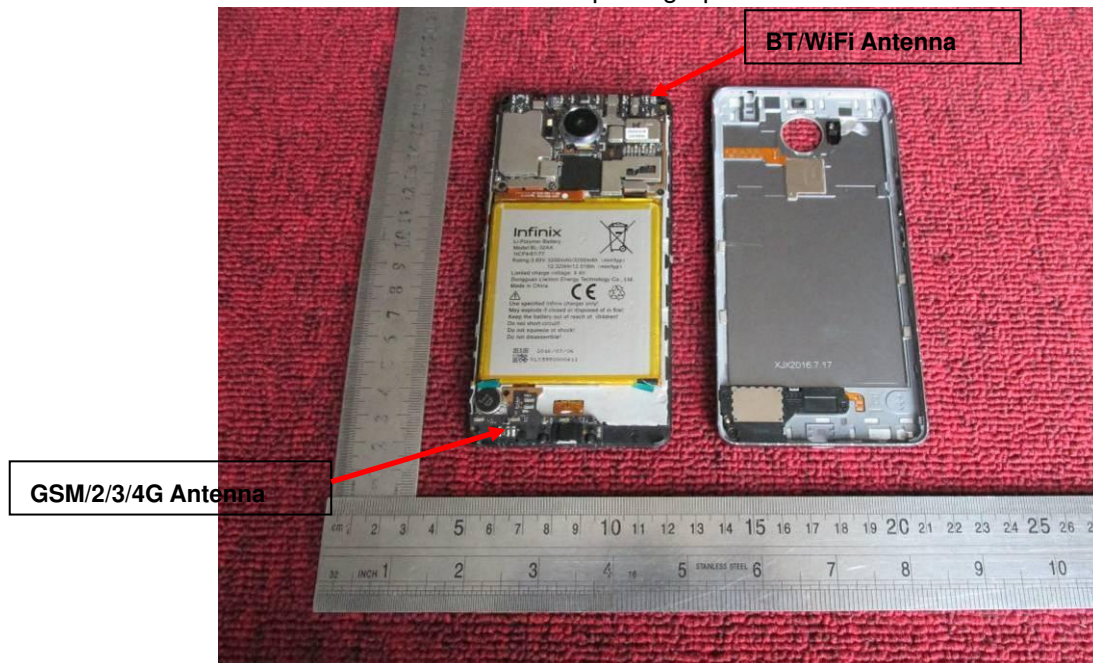
Appearance photograph of EUT



Appearance photograph of EUT



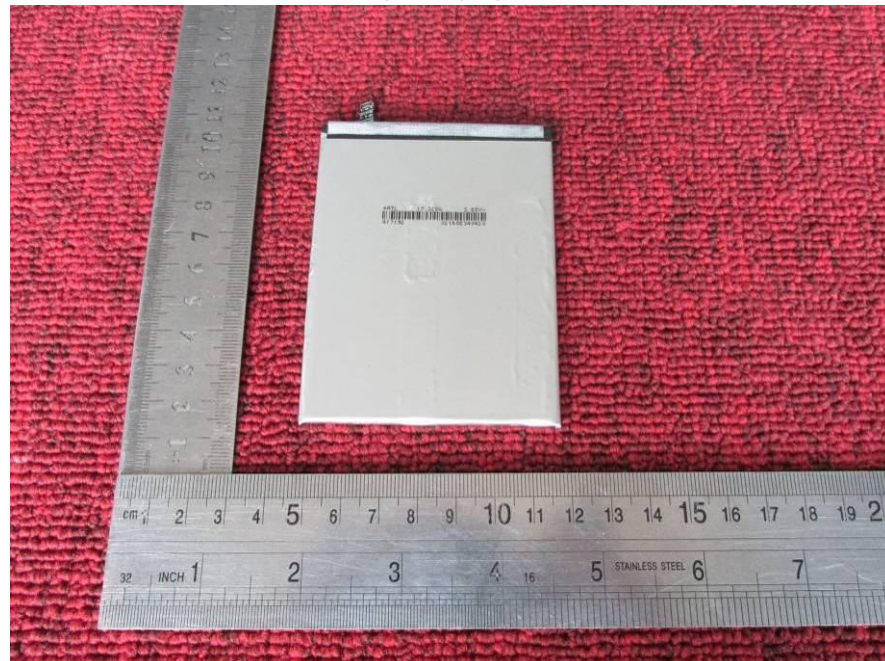
Internal photograph of EUT



Internal photograph of EUT



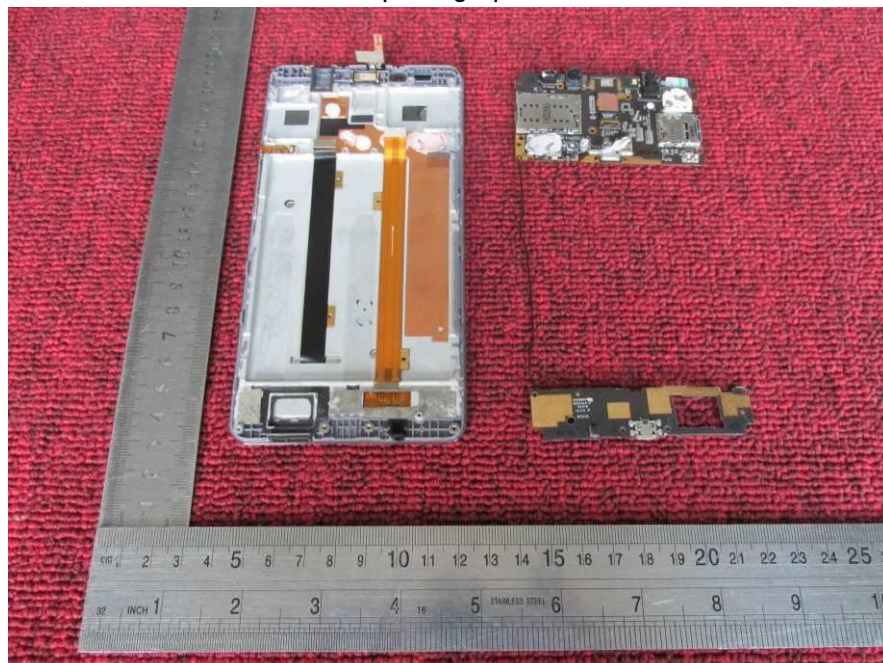
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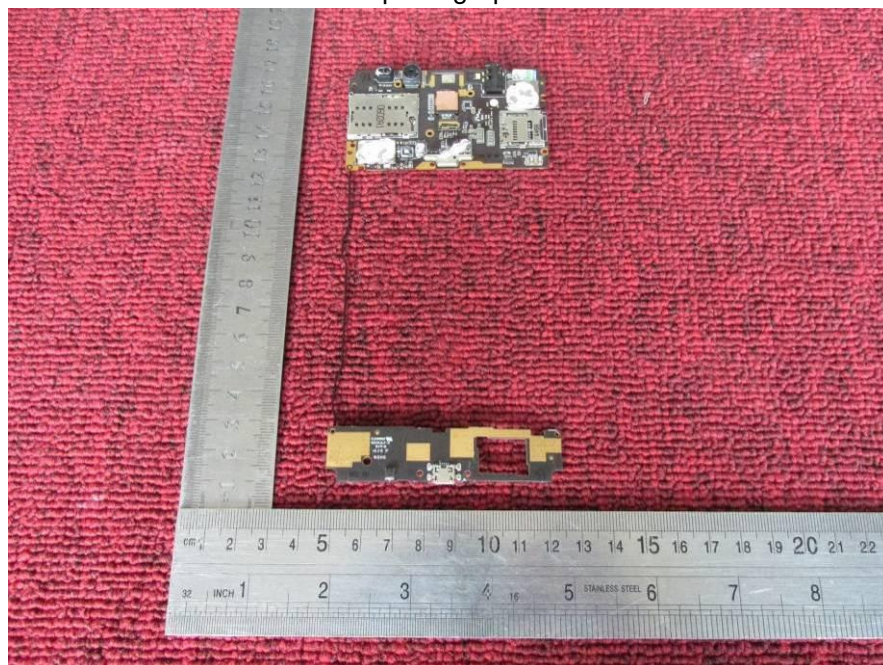
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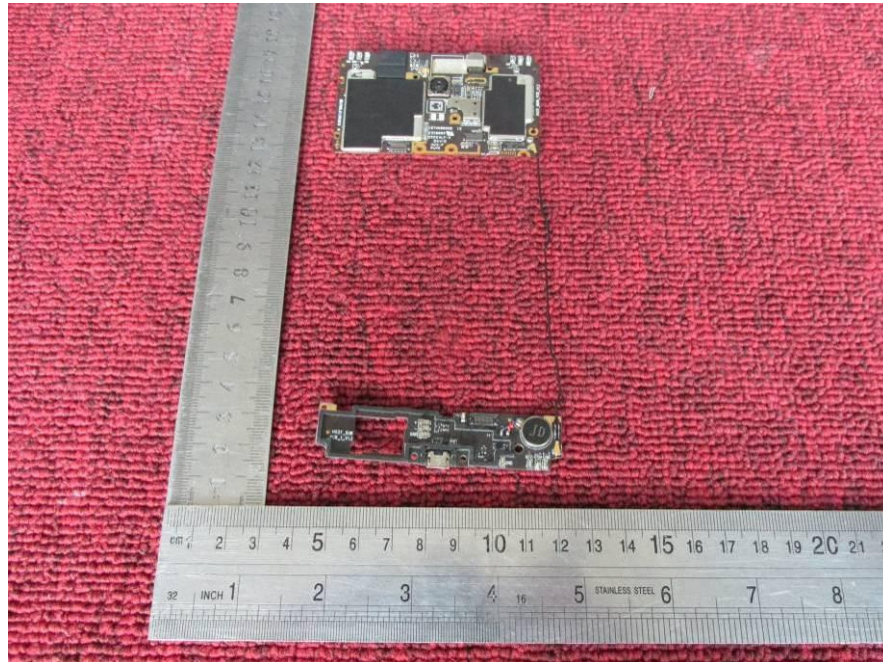
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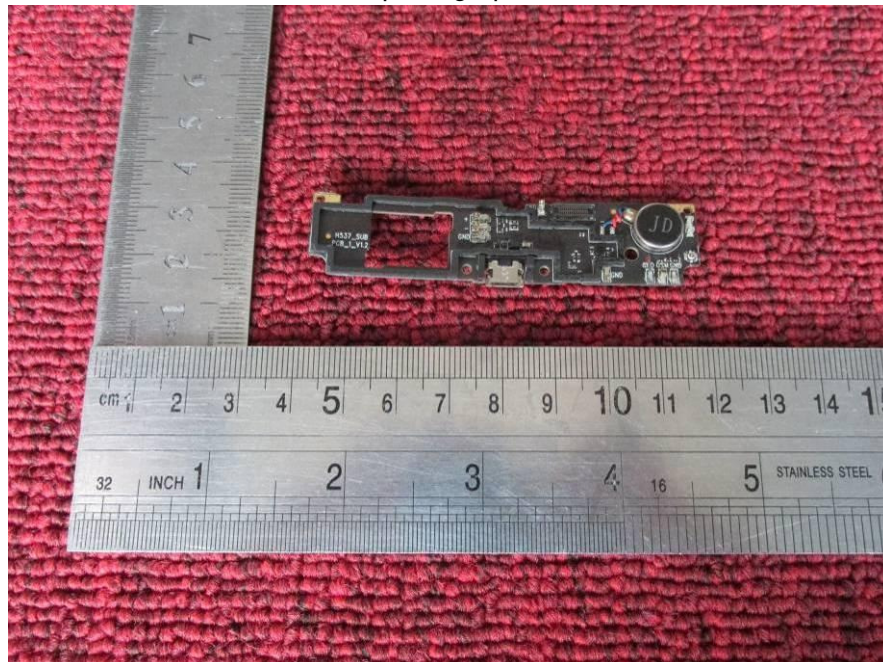
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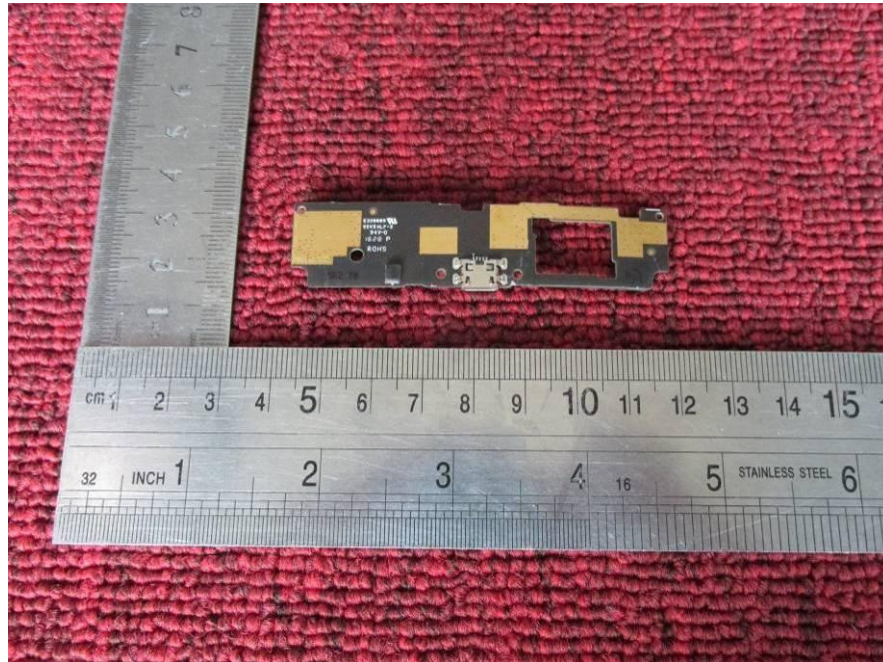
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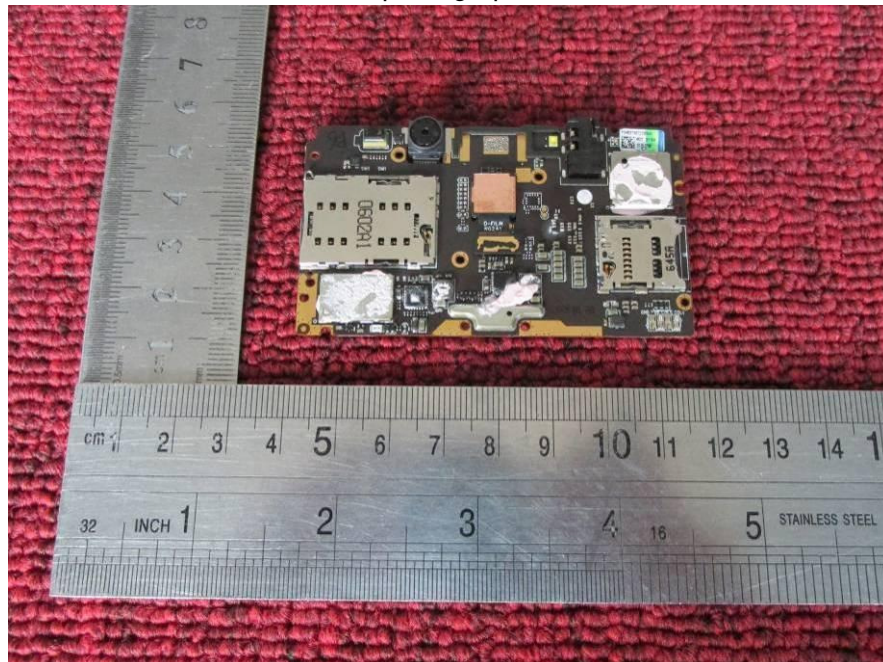
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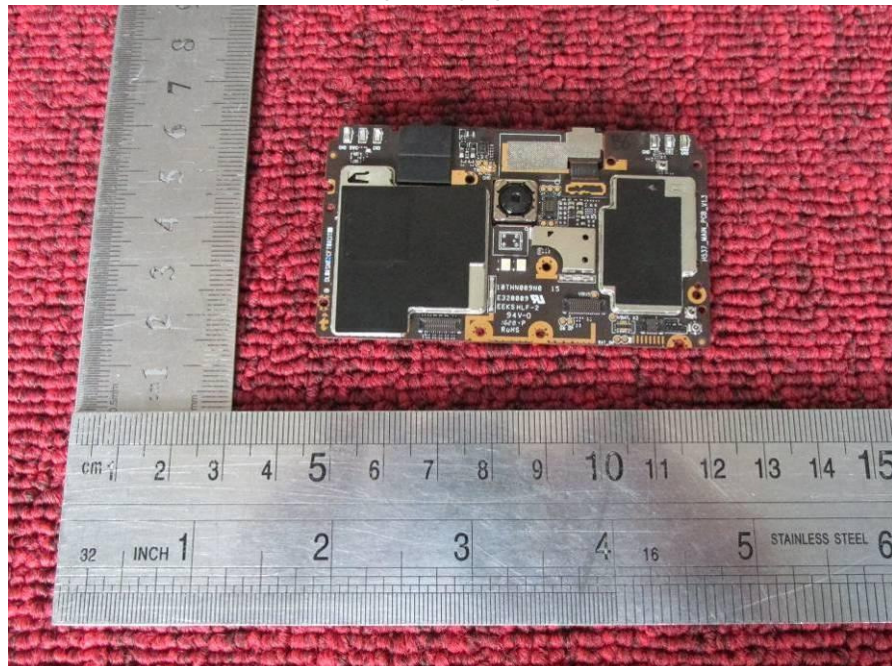
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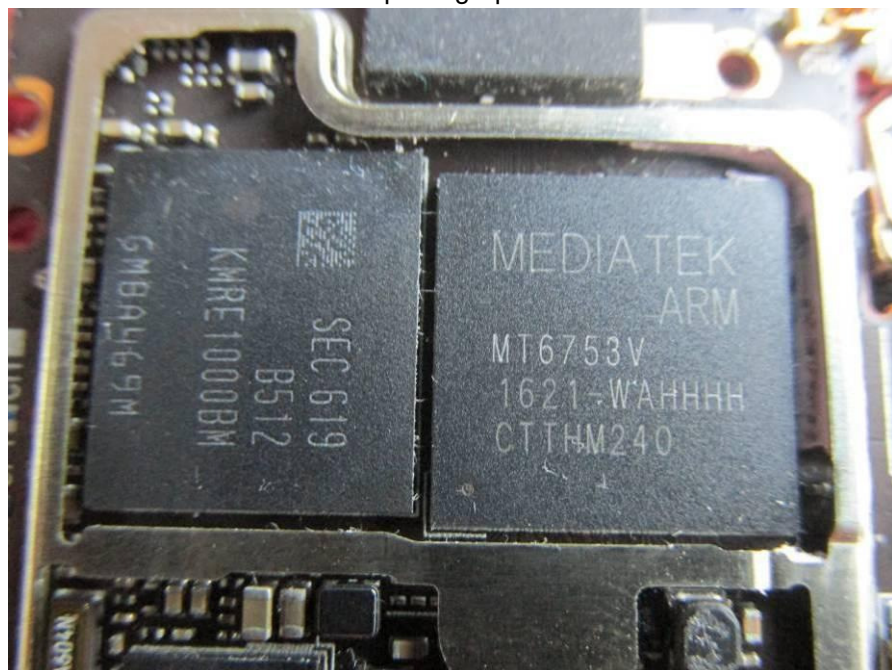
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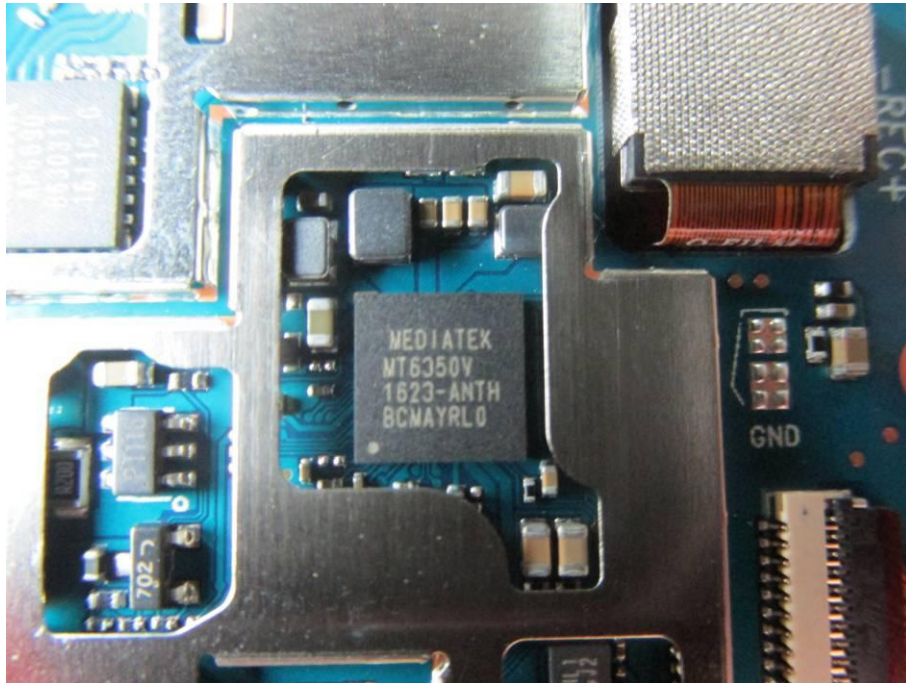
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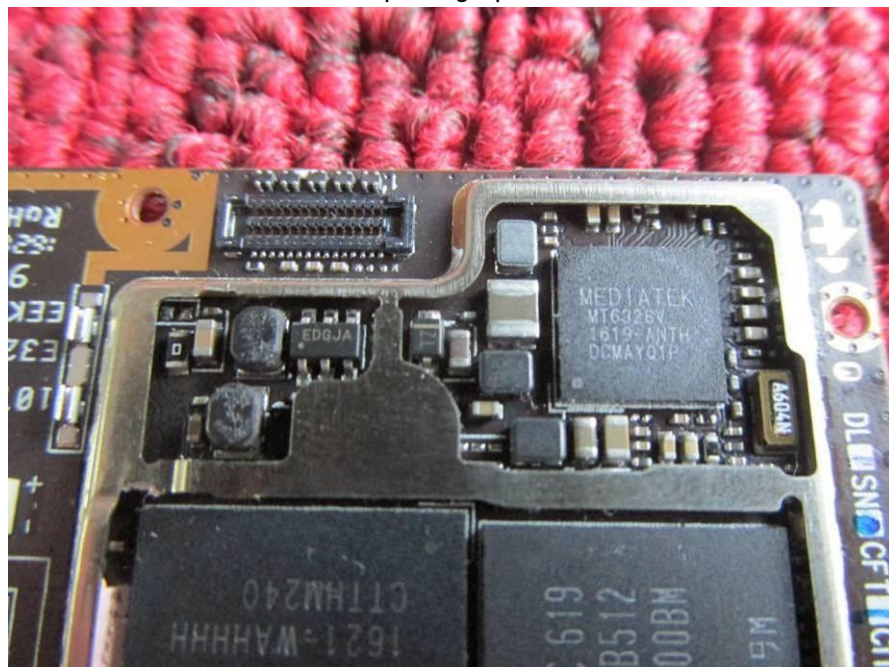
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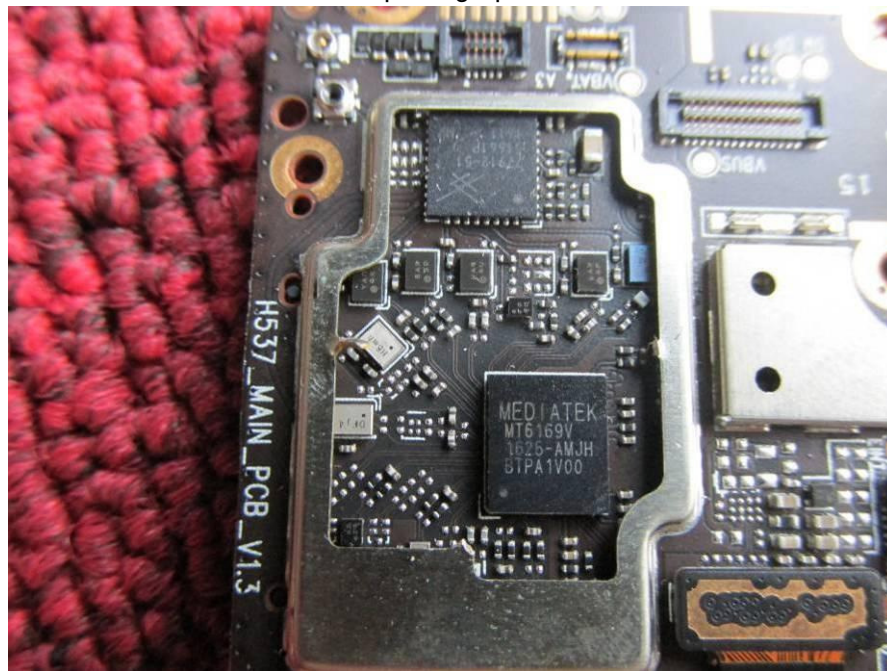
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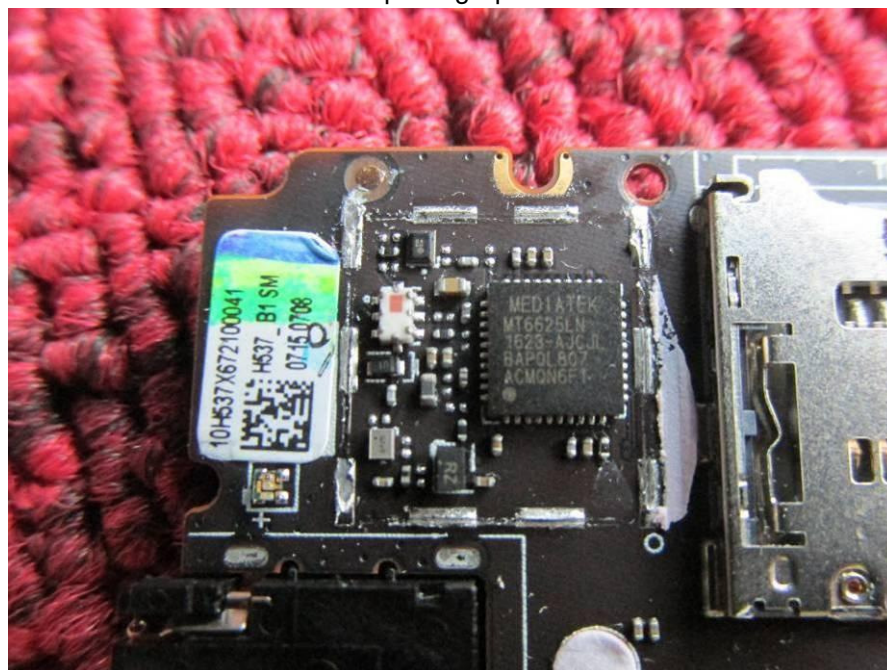
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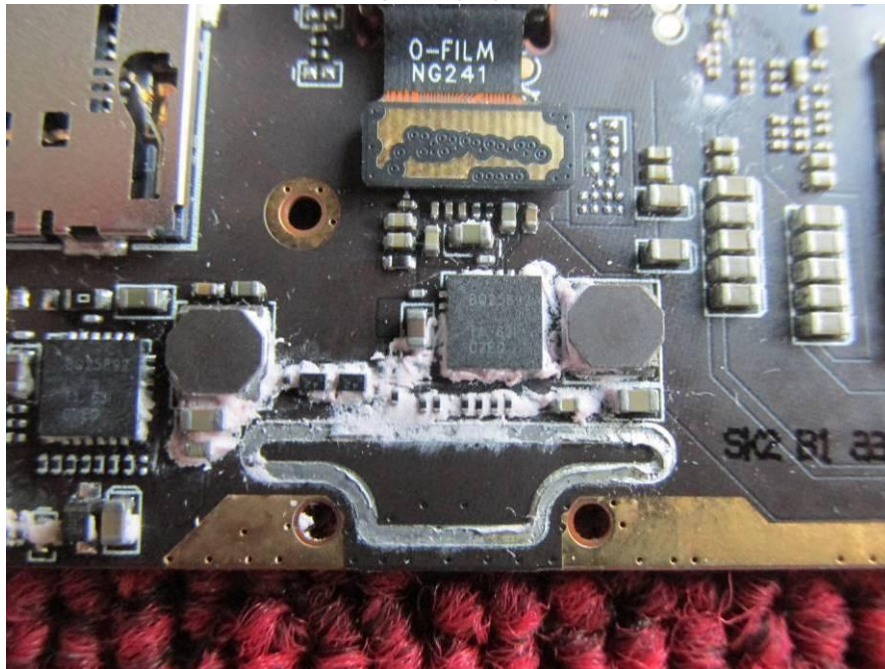
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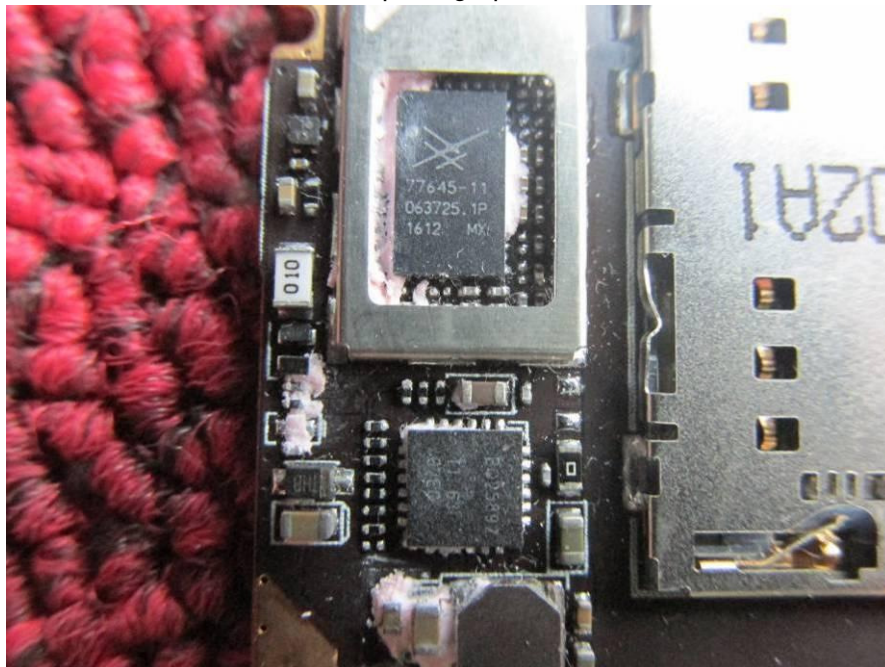
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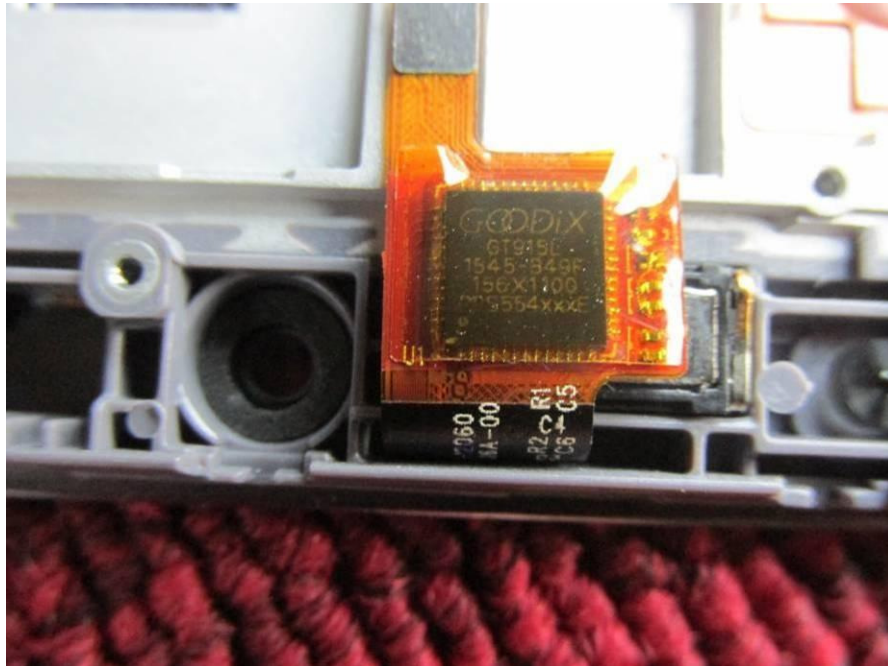
Internal photograph of EUT



Internal photograph of EUT



Internal photograph of EUT



---END OF REPORT---