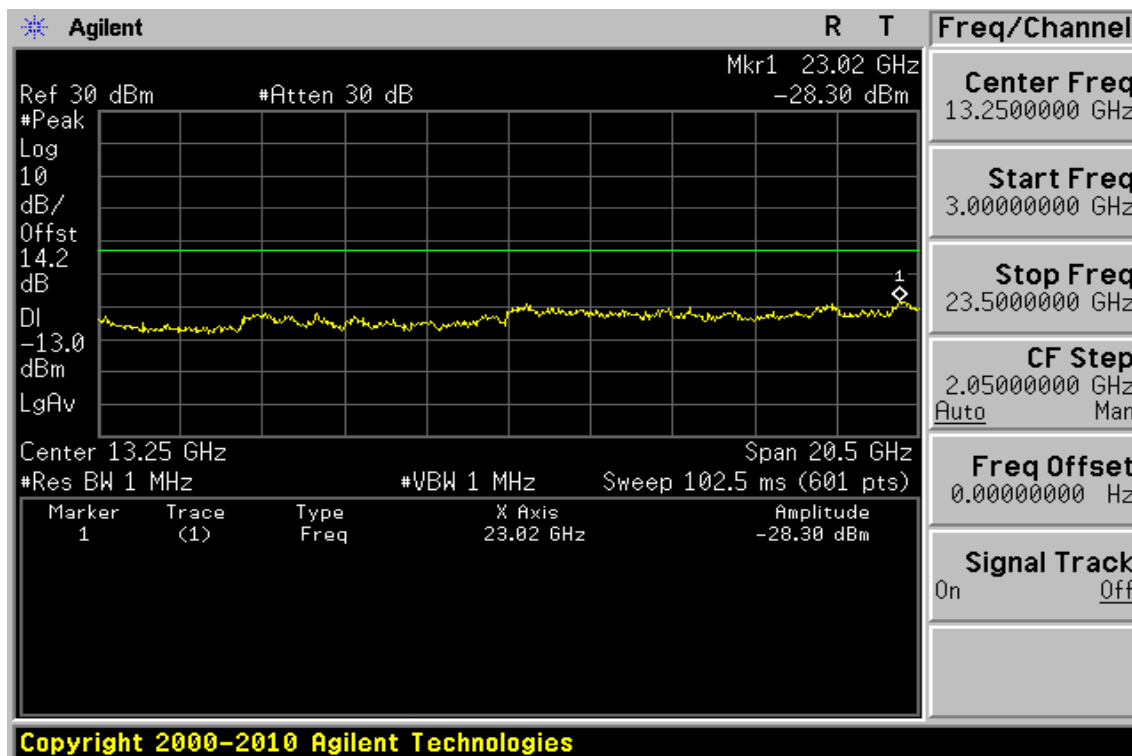
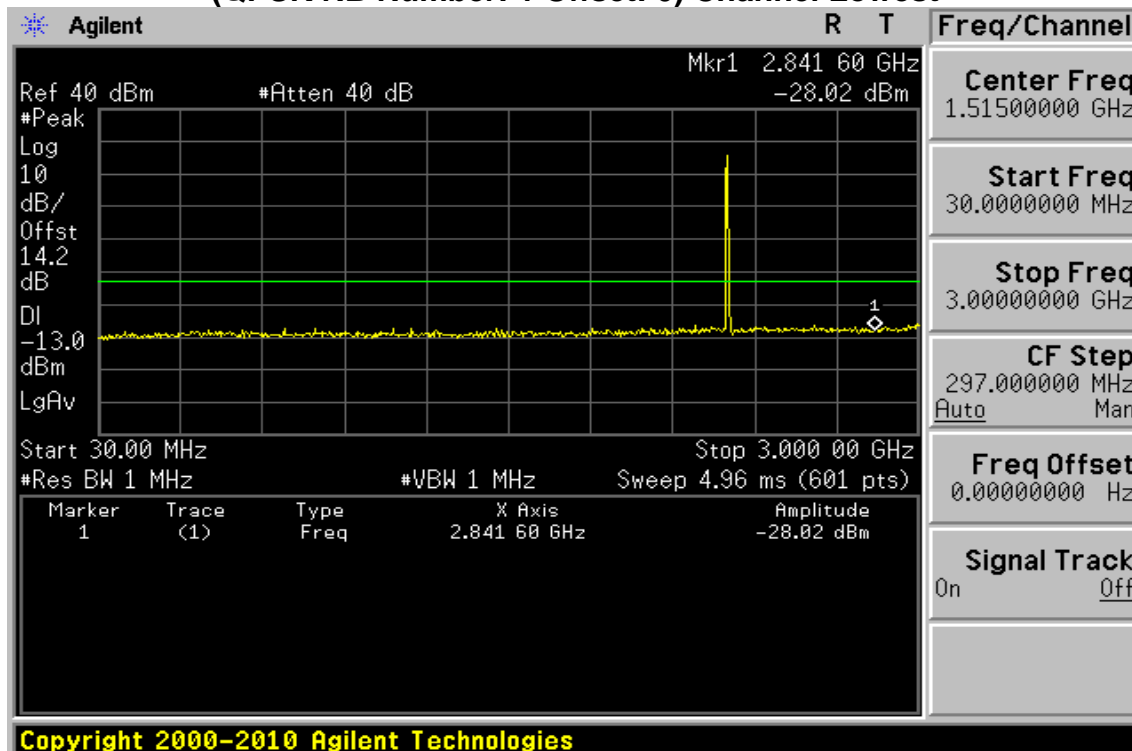


## Out of Band emission at antenna terminals–5MHz BW LTE-Band 30 (QPSK RB Number: 1 Offset: 0) Channel Lowest



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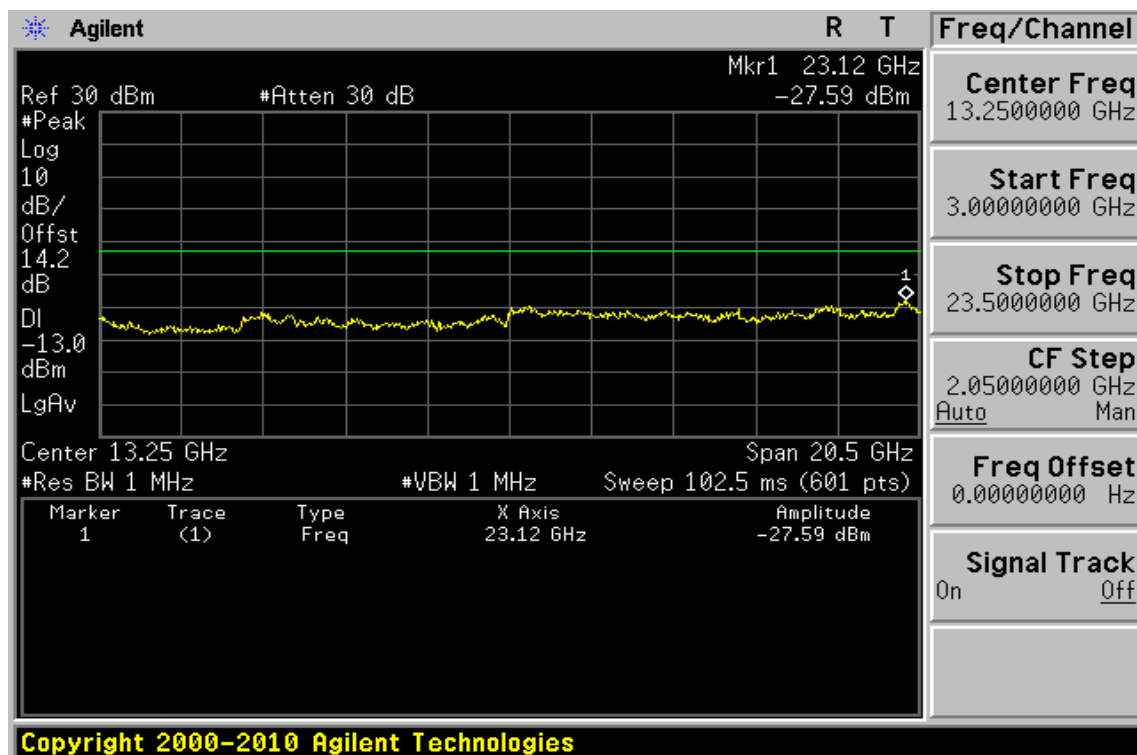
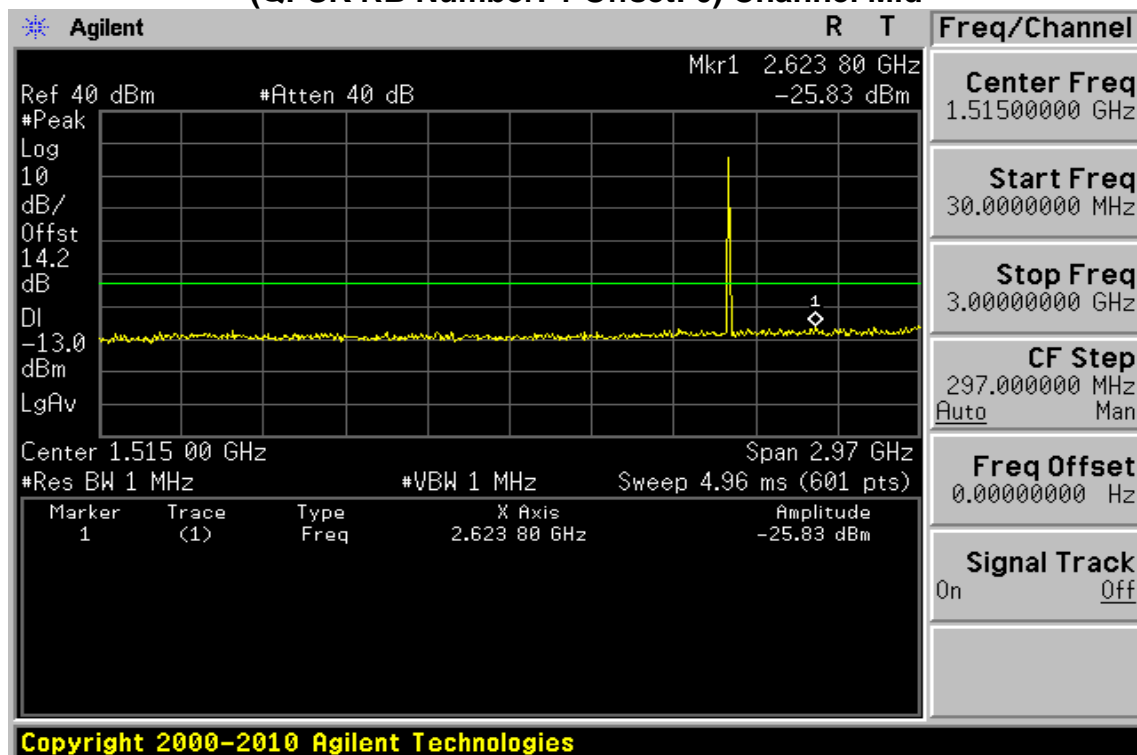
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## Out of Band emission at antenna terminals –5MHz BW LTE-Band 30 (QPSK RB Number: 1 Offset: 0) Channel Mid



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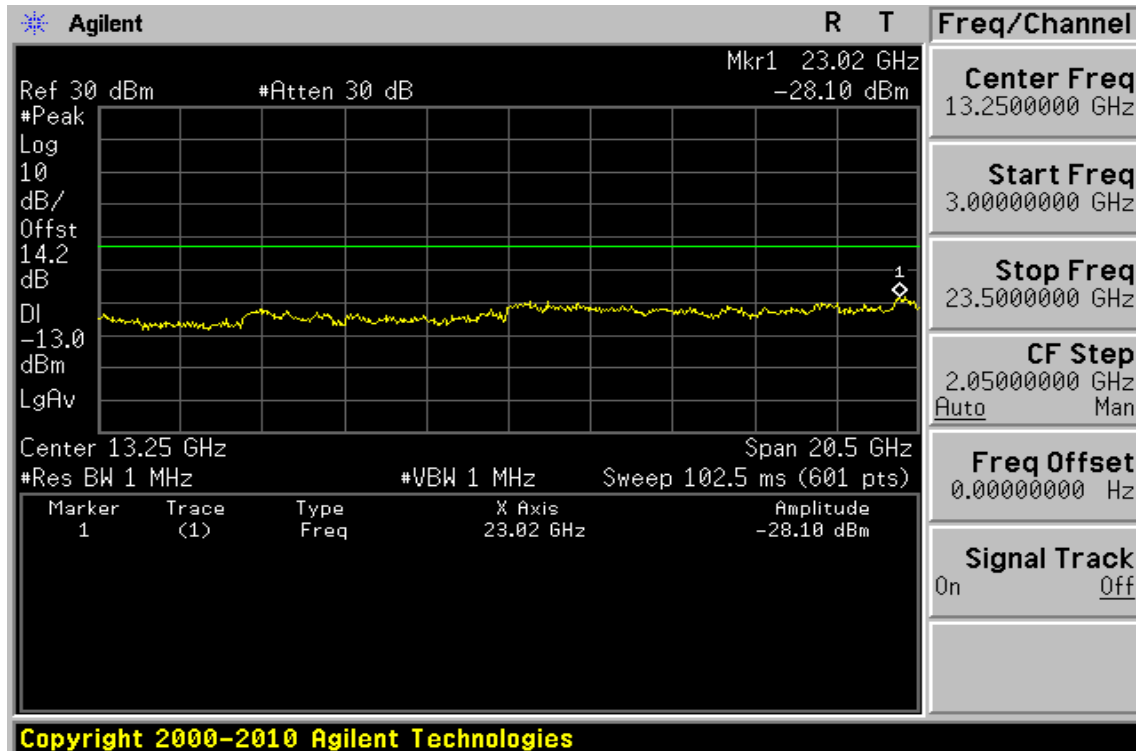
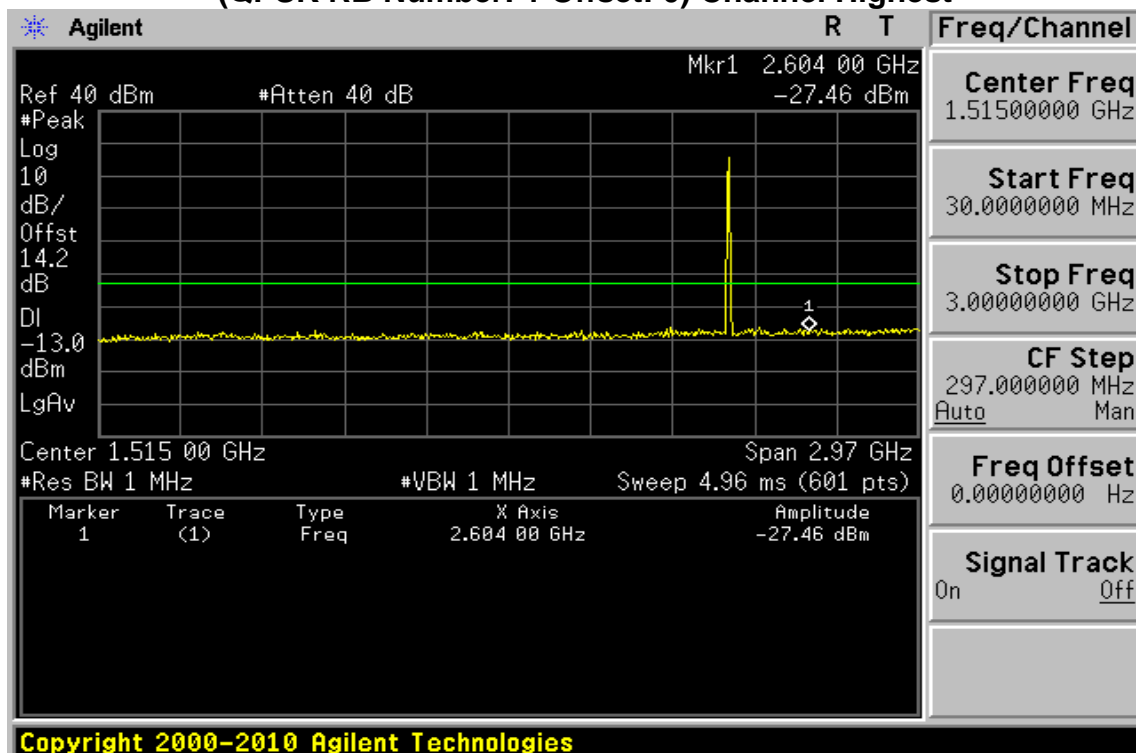
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## Out of Band emission at antenna terminals–5MHz BW LTE-Band 30 (QPSK RB Number: 1 Offset: 0) Channel Highest



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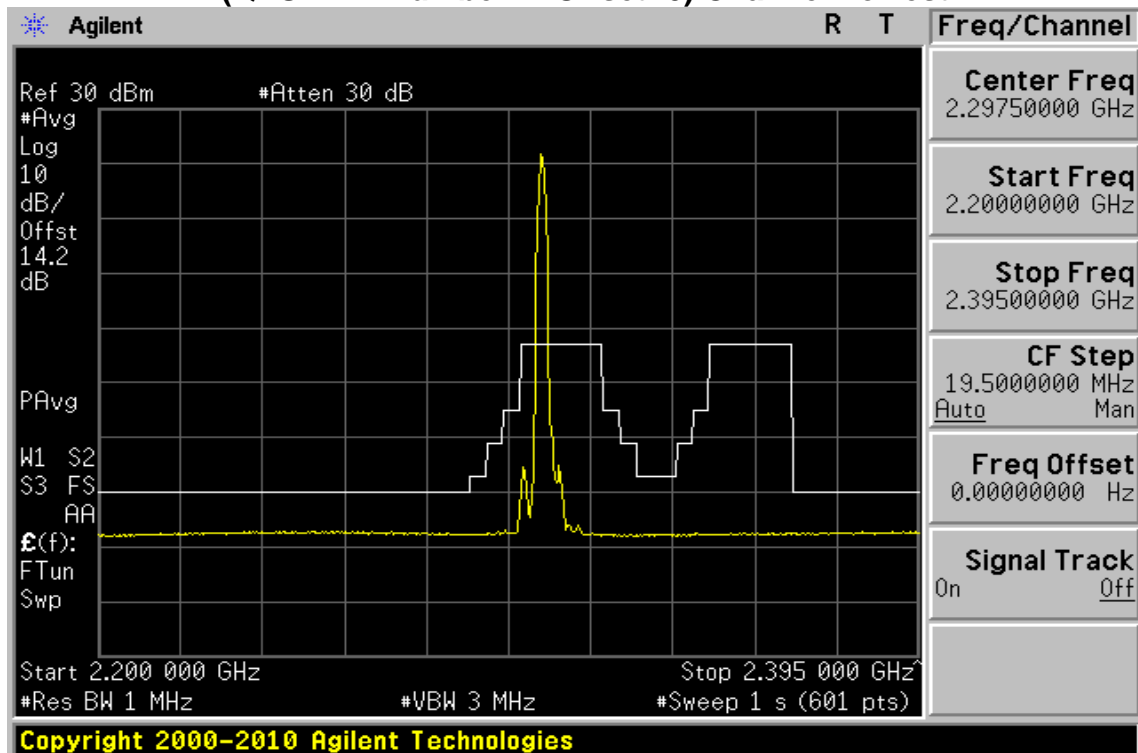
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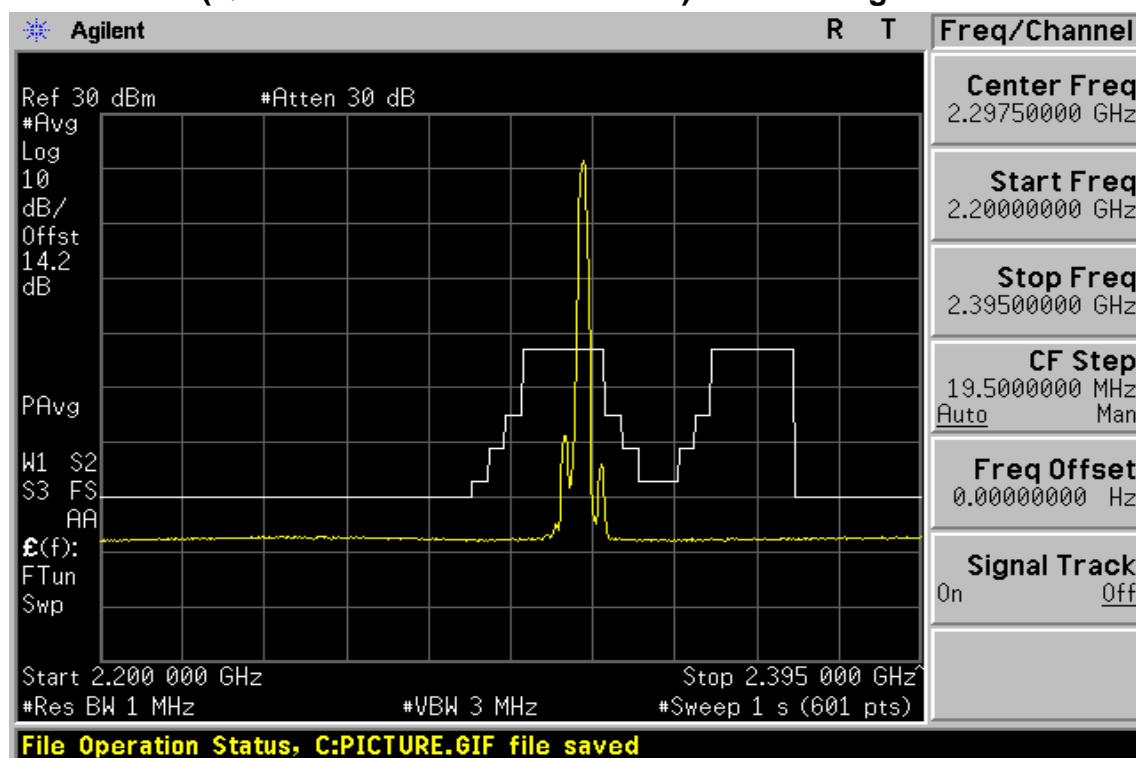
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**Band edge emission at antenna terminals –5MHz BW LTE-Band 30  
(QPSK RB Number: 1 Offset: 0) Channel Lowest**



**Band edge emission at antenna terminals –5MHz BW LTE-Band 30  
(QPSK RB Number: 1 Offset: 24) Channel Highest**



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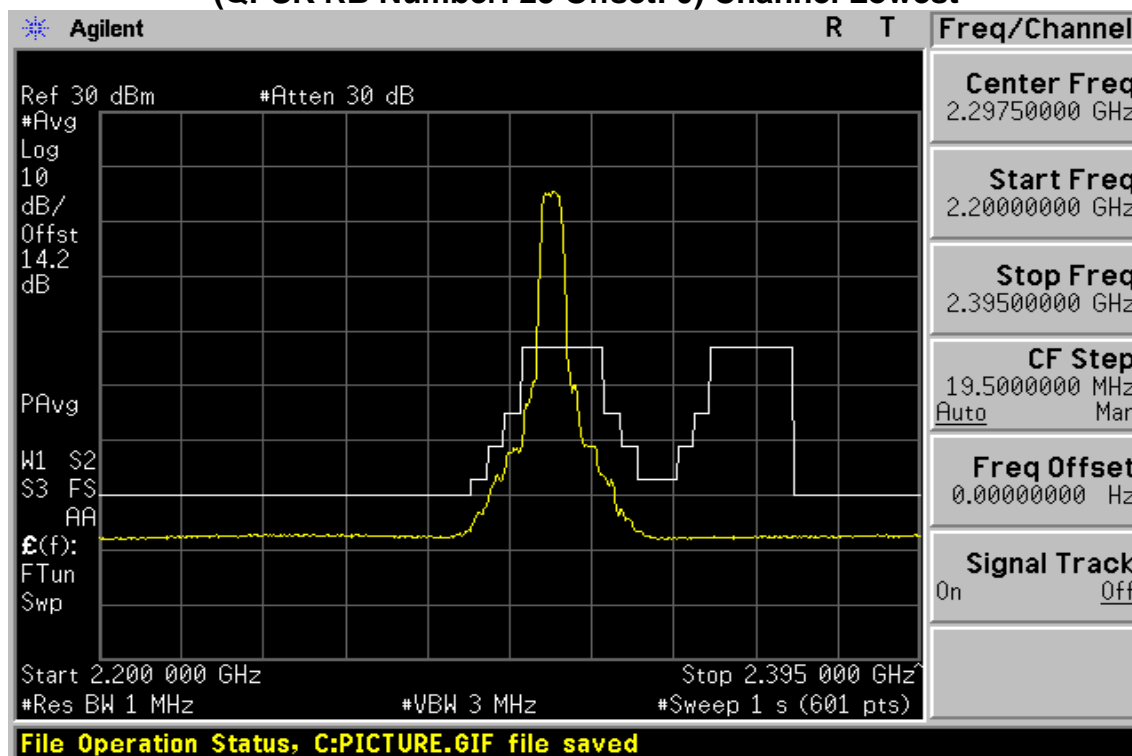
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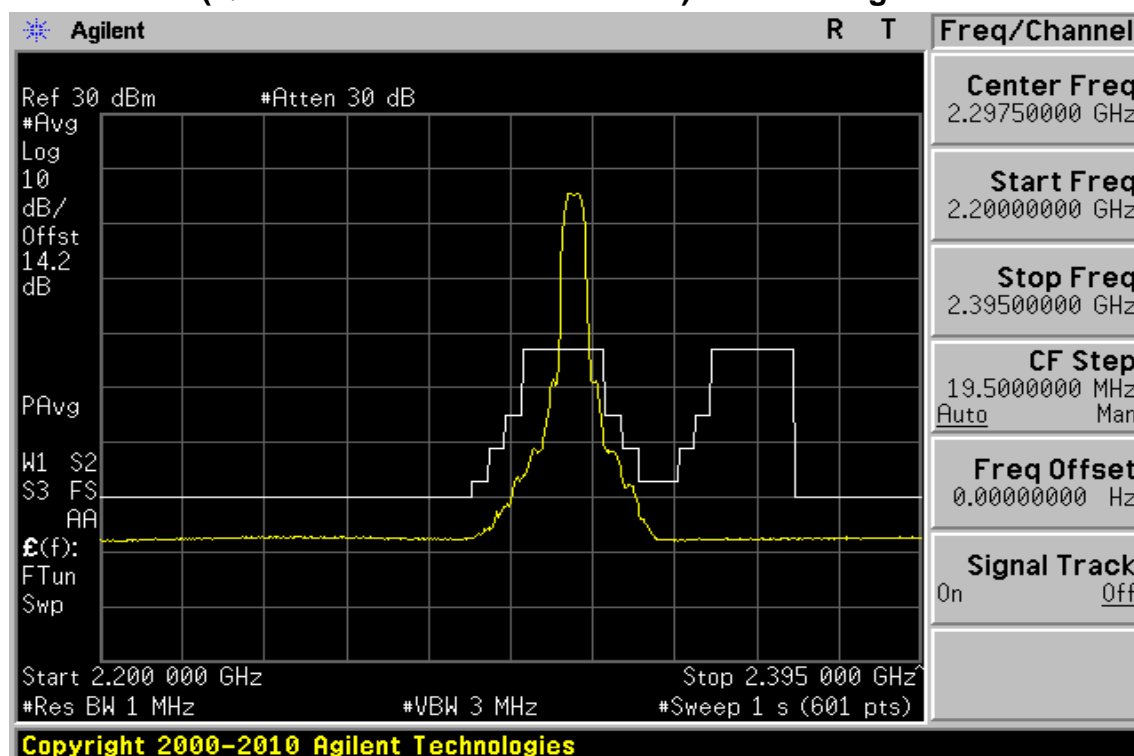
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**Band edge emission at antenna terminals –5MHz BW LTE-Band 30  
(QPSK RB Number: 25 Offset: 0) Channel Lowest**



**Band edge emission at antenna terminals –5MHz BW LTE-Band 30  
(QPSK RB Number: 25 Offset: 0) Channel Highest**



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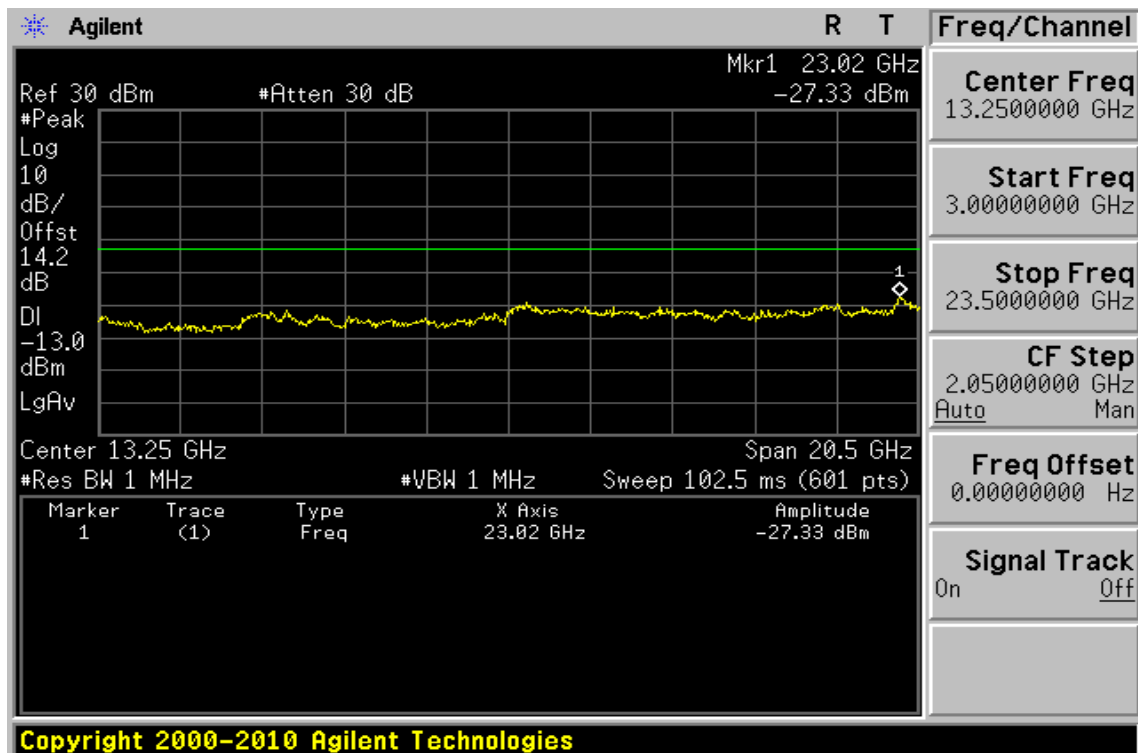
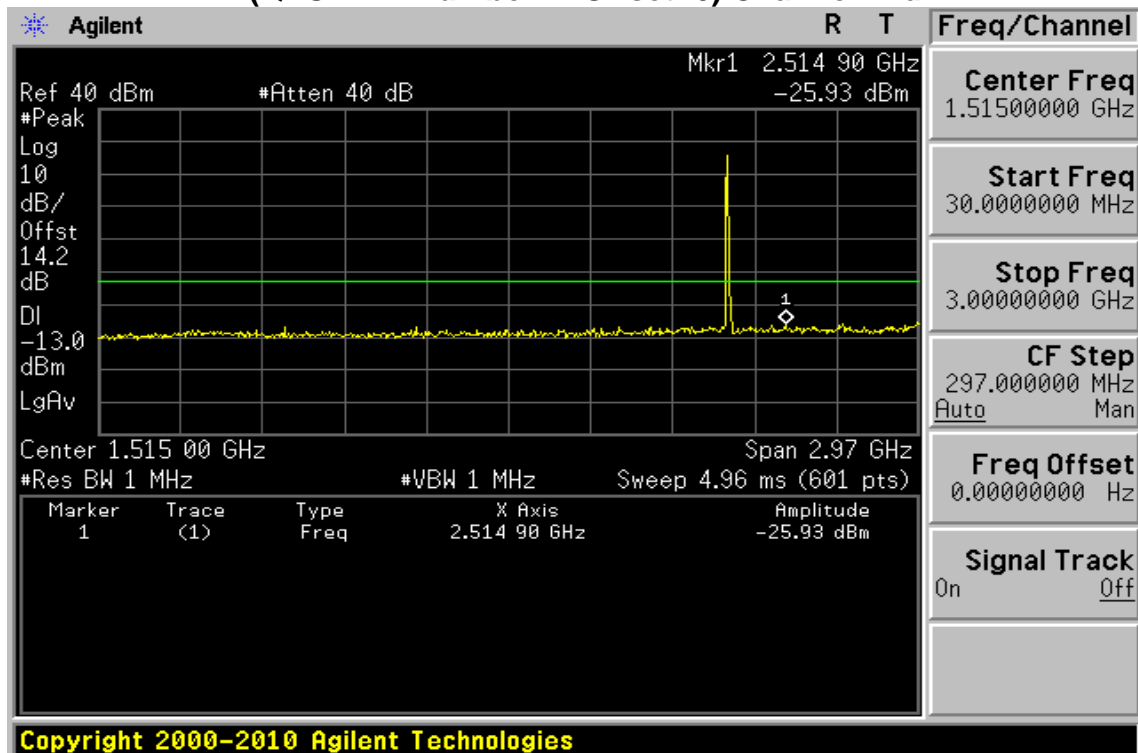
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## Out of Band emission at antenna terminals –10MHz BW LTE-Band 30 (QPSK RB Number: 1 Offset: 0) Channel Mid



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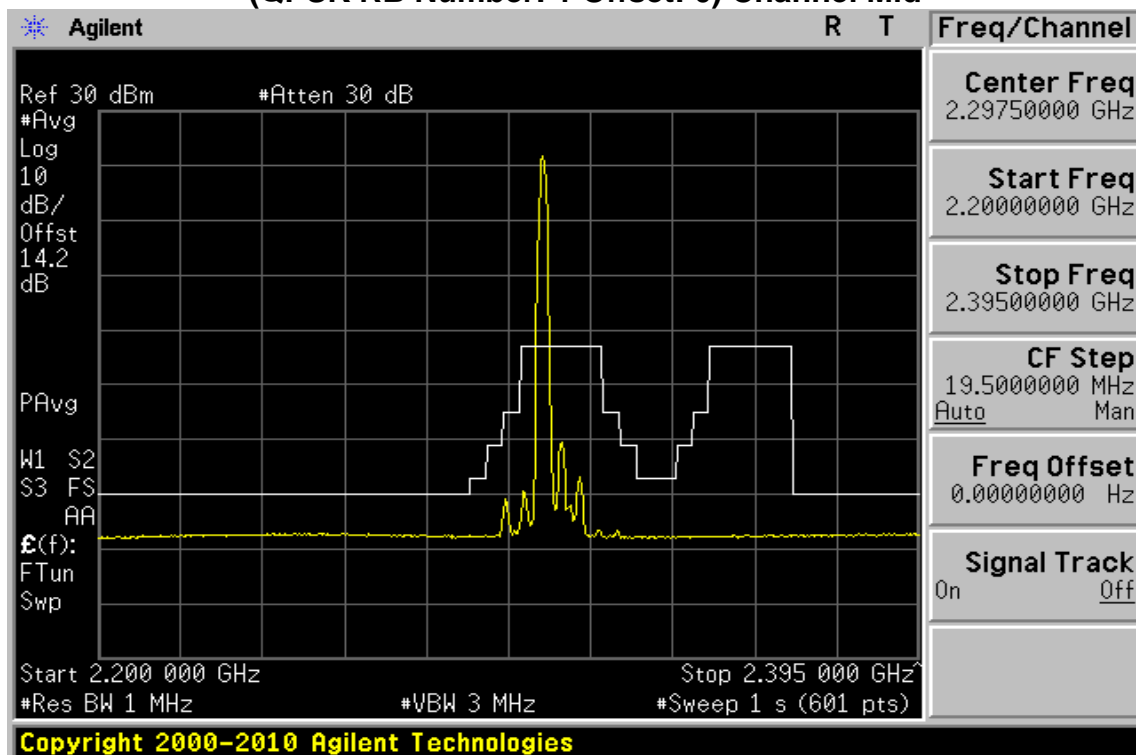
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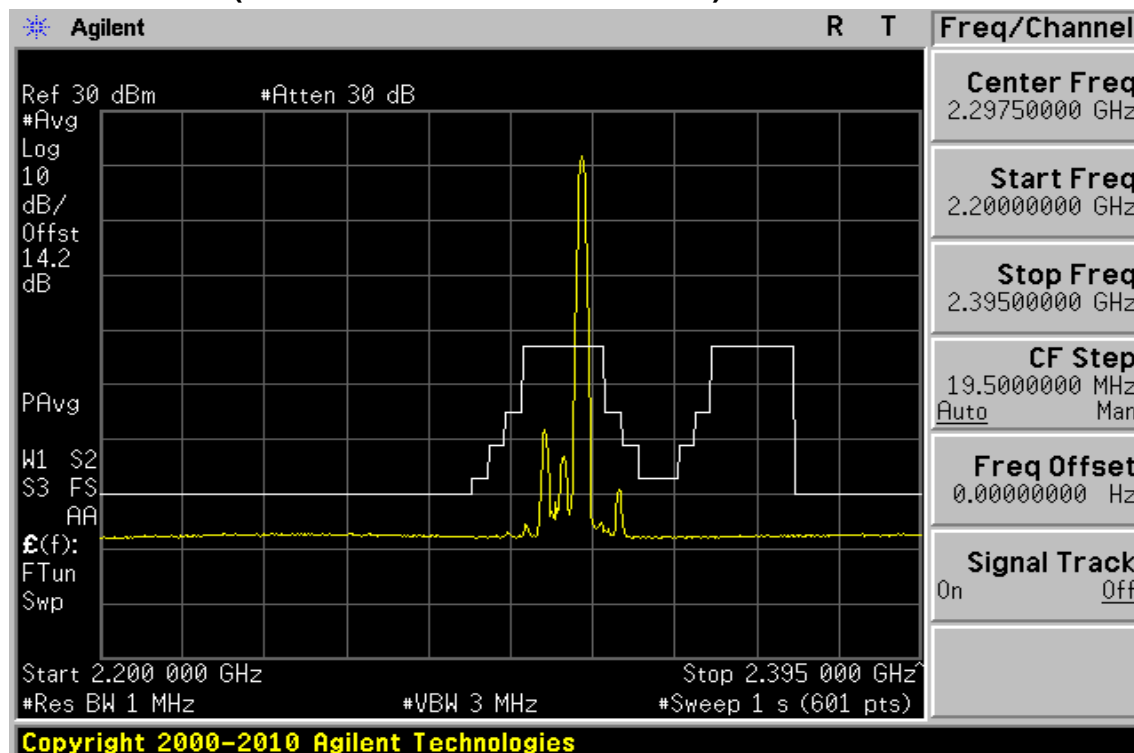
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## Band edge emission at antenna terminals –10MHz BW LTE-Band 30 (QPSK RB Number: 1 Offset: 0) Channel Mid



## Band edge emission at antenna terminals –10MHz BW LTE-Band 30 (QPSK RB Number: 1 Offset: 49) Channel Mid



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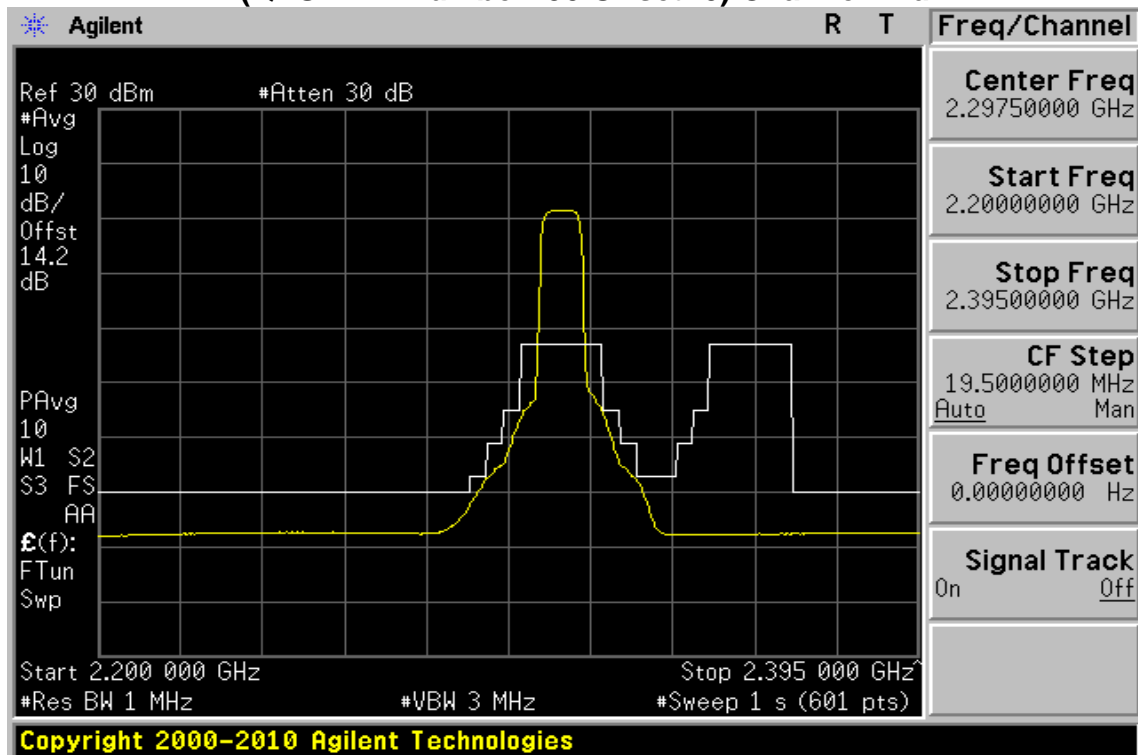
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## Band edge emission at antenna terminals –10MHz BW LTE-Band 30 (QPSK RB Number: 50 Offset: 0) Channel Mid



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## 10. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

### 10.1. Standard Applicable

According to FCC §2.1053,

FCC §22.917(a) , §24.238(a) , §27.53(g)(h) , the magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specified in the instruction manual and/ or alignment procedure, shall not be less than  $43 + 10 \log$  (mean output power in watts) dBc below the mean power output outside a license's frequency block (-13dBm).

FCC §27.53 (m) (4) shall not be less than  $55 + 10 \log$  (mean output power in watt) dBc below the mean power output outside a license's frequency block (-25dBm).

§27.53 (c)

(2) On any frequency outside the 776– 788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log$  (P) dB (-13dBm)

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log$  (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

§27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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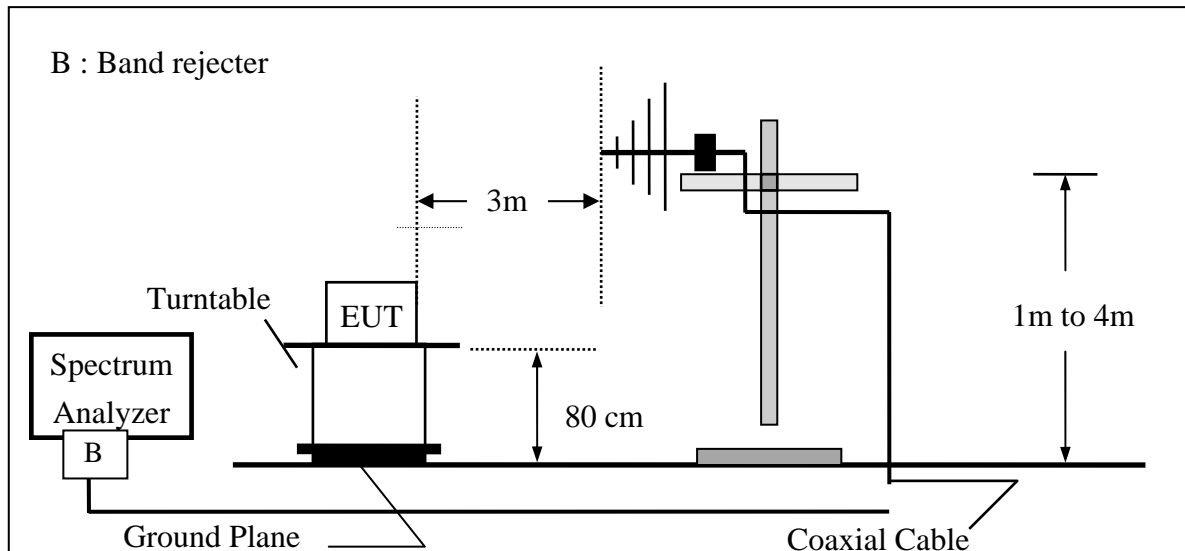
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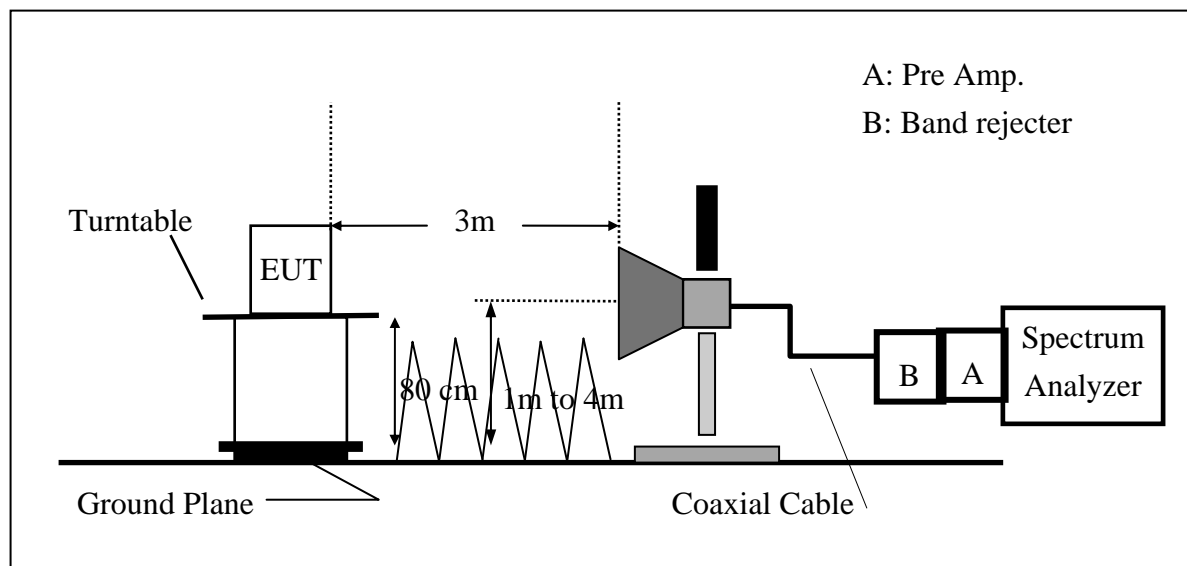
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## 10.2. EUT Setup

### Radiated Emission Test Set-Up, Frequency Below 1000MHz



### Radiated Emission Test Set-UP Frequency Over 1 GHz



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### 10.3. Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$ERP \text{ (dBm)} = SG \text{ Level(dBm)} + \text{Antenna Gain(dBd)} + \text{Cable Loss(dB)}$

$EIRP \text{ (dBm)} = SG \text{ Level(dBm)} + \text{Antenna Gain(dBi)} + \text{Cable Loss(dB)}$

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

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#### 10.4. Measurement Equipment Used:

ERP, EIRP MEASUREMENT EQUIPMENT List 966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	R&S	ESCI7	100760	05/10/2016	05/09/2017
Spectrum Analyzer	Agilent	E4446A	MY51100003	01/29/2016	01/28/2017
Loop Antenna	ETS.LINDGREN	6502	148045	09/07/2015	09/06/2016
Bilog Antenna	SCHWAZBECK	VULB9168	378	12/14/2015	12/13/2016
Horn Antenna	Schwarzbeck	BBHA9120D	1441	08/10/2015	08/09/2016
Pre-Amplifier	Agilent	8447D	2944A07676	01/02/2016	01/01/2017
Pre-Amplifier	EMC Instruments Corp.	EMC0126530	980038	01/02/2016	01/01/2017
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	ChamPro	AM-BS-4500-B	060776-ABS	N.C.R	N.C.R
Controller	ChamPro	EM1000	60776	N.C.R	N.C.R
Low Loss Cable	Huber Suhner	966_RX	9	01/02/2016	01/01/2017
3m Site NSA	SGS	966 chamber	N/A	07/02/2015	07/01/2016
Low Loss Cable	Huber Suhner	966 TX	1	01/02/2016	01/01/2017
Radio Communication Analyzer	R&S	CMU200	102189	02/11/2016	02/10/2017
Radio Communication Analyer	Anritsu	MT8820C	6201465317	12/10/2015	12/09/2016

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ERP, EIRP MEASUREMENT EQUIPMENT List 966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	R&S	ESCI7	100760	05/10/2016	05/09/2017
Spectrum Analyzer	Agilent	E4446A	MY51100003	01/28/2017	01/27/2018
Loop Antenna	ETS-Lindgren	6502	148045	09/06/2016	09/05/2017
Bilog Antenna	SCHWAZBECK	VULB9168	378	12/13/2017	12/12/2018
Horn Antenna	Schwarzbeck	BBHA9120D	1441	08/01/2016	07/31/2017
Pre-Amplifier	Agilent	8447D	2944A07676	01/01/2017	12/31/2017
Pre-Amplifier	EMC Instruments Corp.	EMC0126530	980038	01/01/2017	12/31/2017
Low Loss Cable	Huber Suhner	966_RX	9	01/01/2017	12/31/2017
3m Site NSA	SGS	966 chamber	N/A	07/01/2016	06/30/2017
Low Loss Cable	Huber Suhner	966 TX	1	01/01/2017	12/31/2017
Radio Communication Analyzer	R&S	CMU200	102189	02/11/2016	02/10/2017
Radio Communication Analyer	Anritsu	MT8820C	6201465317	12/09/2016	12/08/2017

*Note: The measurement was taken place with the long duration of the time, and additional equipment list as shown above indicate those equipment of which has been subject to undertake the calibration in intermediate period of time of the measurement.*

Note: WPC wireless charging functions are implemented in field strength of spurious radiation measurement.

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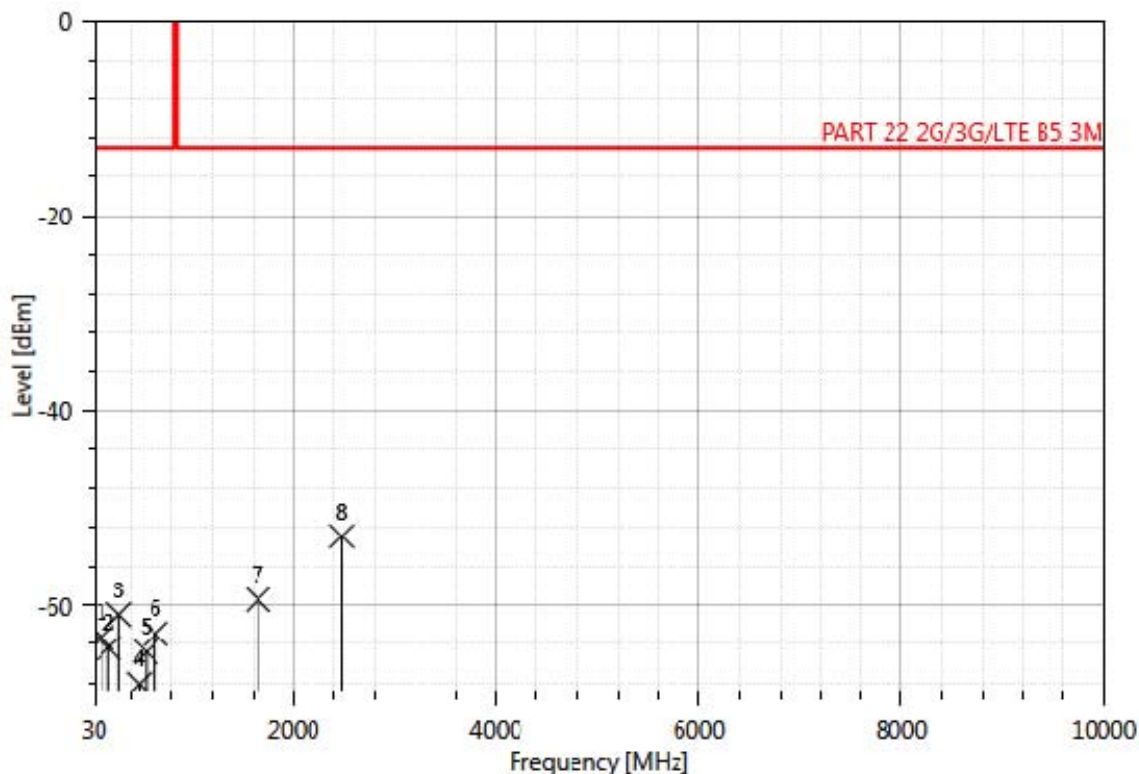
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## 10.5. Measurement Result:

### Radiated Spurious Emission Measurement Result: GSM 850 Mode

Operation Mode :	GSM 850	Test Date :	04/27/2016 16:10:04
Fundamental Frequency :	824.2 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
103.72	S	Peak	-63.31	-60.10	-1.95	-1.26	-13.00	-50.31
172.59	S	Peak	-64.37	-62.40	-0.44	-1.53	-13.00	-51.37
274.44	S	Peak	-60.96	-62.58	3.47	-1.85	-13.00	-47.96
473.29	S	Peak	-68.05	-69.57	3.75	-2.23	-13.00	-55.05
542.16	S	Peak	-64.80	-65.81	3.63	-2.62	-13.00	-51.80
636.25	S	Peak	-62.93	-63.65	3.17	-2.45	-13.00	-49.93
1648.40	H	Peak	-59.44	-62.33	7.11	-4.22	-13.00	-46.44
2472.60	H	Peak	-52.91	-56.42	8.73	-5.22	-13.00	-39.91

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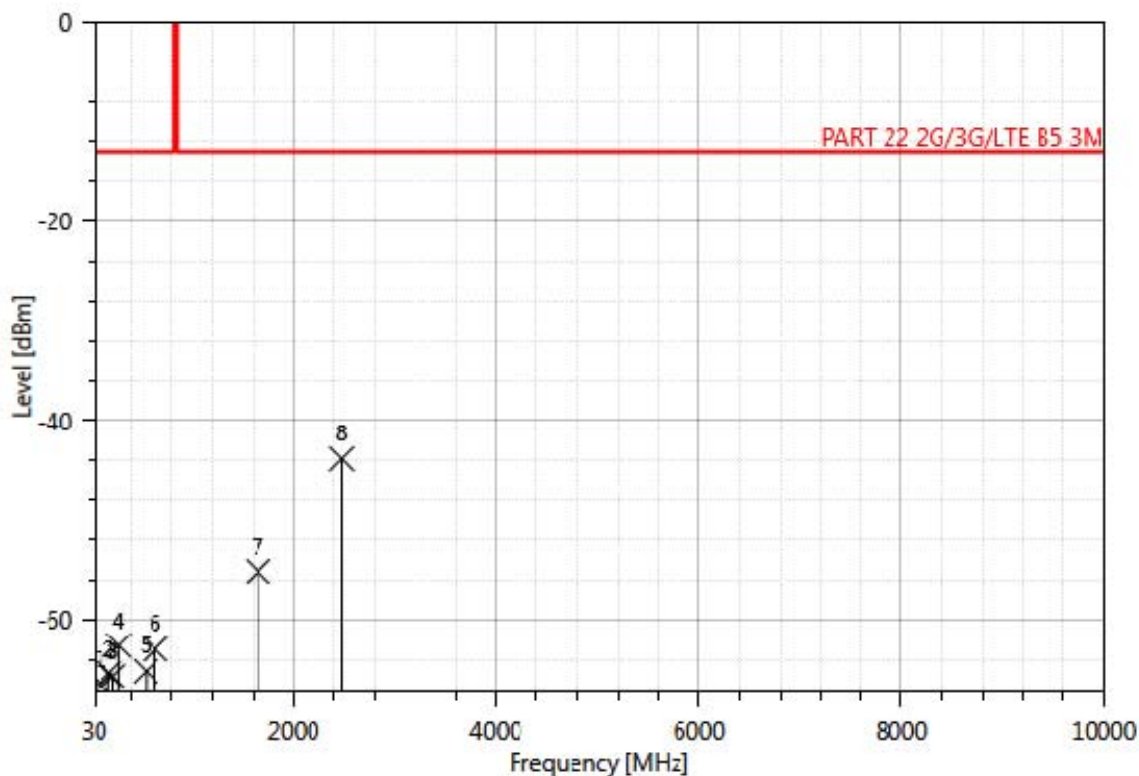
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Operation Mode :	GSM 850	Test Date :	04/27/2016 16:10:11
Fundamental Frequency :	824.2 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
97.90	S	Peak	-66.49	-65.25	0.00	-1.24	-13.00	-53.49
173.56	S	Peak	-65.36	-63.82	0.00	-1.53	-13.00	-52.36
216.24	S	Peak	-65.64	-63.95	0.00	-1.69	-13.00	-52.64
275.41	S	Peak	-62.57	-60.72	0.00	-1.85	-13.00	-49.57
541.19	S	Peak	-65.14	-62.53	0.00	-2.61	-13.00	-52.14
633.34	S	Peak	-62.93	-60.47	0.00	-2.46	-13.00	-49.93
1648.40	H	Peak	-55.13	-58.01	7.11	-4.22	-13.00	-42.13
2472.60	H	Peak	-43.81	-47.31	8.73	-5.22	-13.00	-30.81

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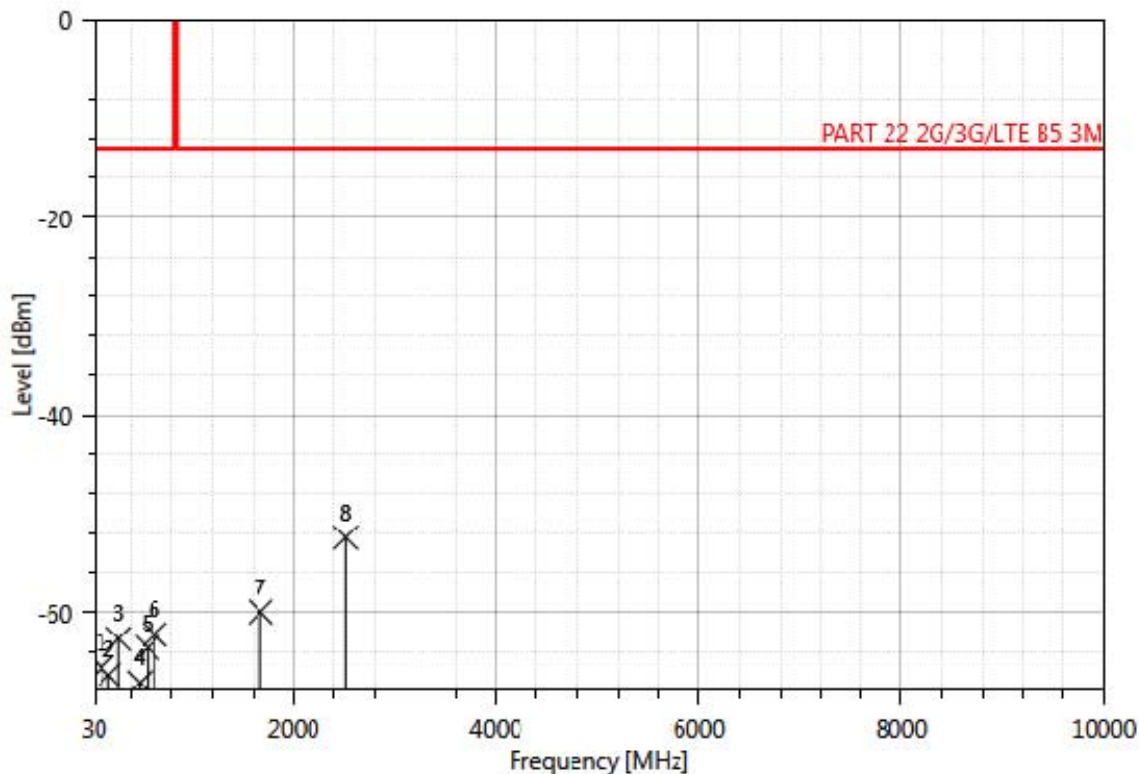
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Operation Mode :	GSM 850	Test Date :	04/27/2016 16:10:19
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
102.75	S	Peak	-65.59	-62.46	-1.87	-1.26	-13.00	-52.59
172.59	S	Peak	-66.34	-64.38	-0.44	-1.53	-13.00	-53.34
272.50	S	Peak	-62.68	-64.32	3.49	-1.84	-13.00	-49.68
478.14	S	Peak	-67.11	-68.64	3.77	-2.24	-13.00	-54.11
555.74	S	Peak	-63.59	-64.38	3.55	-2.75	-13.00	-50.59
624.61	S	Peak	-62.24	-62.92	3.19	-2.51	-13.00	-49.24
1673.20	H	Peak	-59.96	-62.87	7.20	-4.29	-13.00	-46.96
2509.80	H	Peak	-52.42	-55.92	8.76	-5.26	-13.00	-39.42

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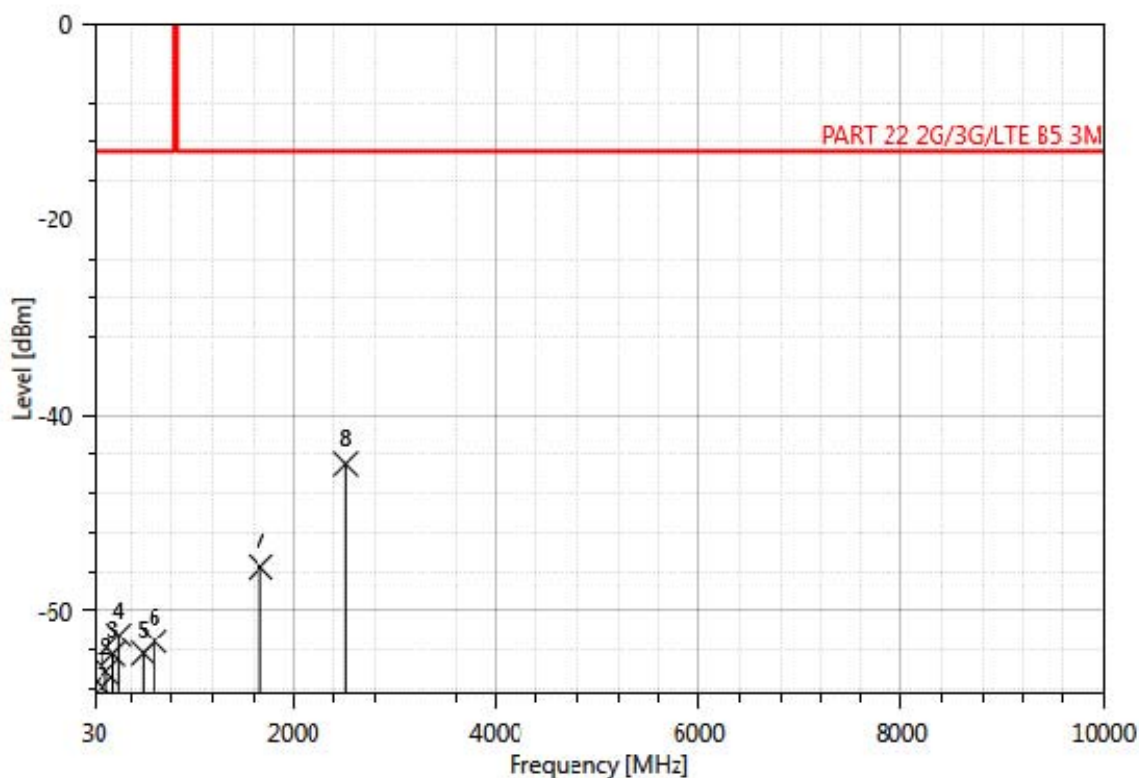
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Operation Mode :	GSM 850	Test Date :	04/27/2016 16:10:26
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
104.69	S	Peak	-67.82	-66.55	0.00	-1.27	-13.00	-54.82
148.34	S	Peak	-66.25	-64.83	0.00	-1.42	-13.00	-53.25
216.24	S	Peak	-64.51	-62.82	0.00	-1.69	-13.00	-51.51
275.41	S	Peak	-62.57	-60.72	0.00	-1.85	-13.00	-49.57
512.09	S	Peak	-64.44	-62.09	0.00	-2.35	-13.00	-51.44
626.55	S	Peak	-63.18	-60.69	0.00	-2.49	-13.00	-50.18
1673.20	H	Peak	-55.56	-58.47	7.20	-4.29	-13.00	-42.56
2509.80	H	Peak	-45.00	-48.50	8.76	-5.26	-13.00	-32.00

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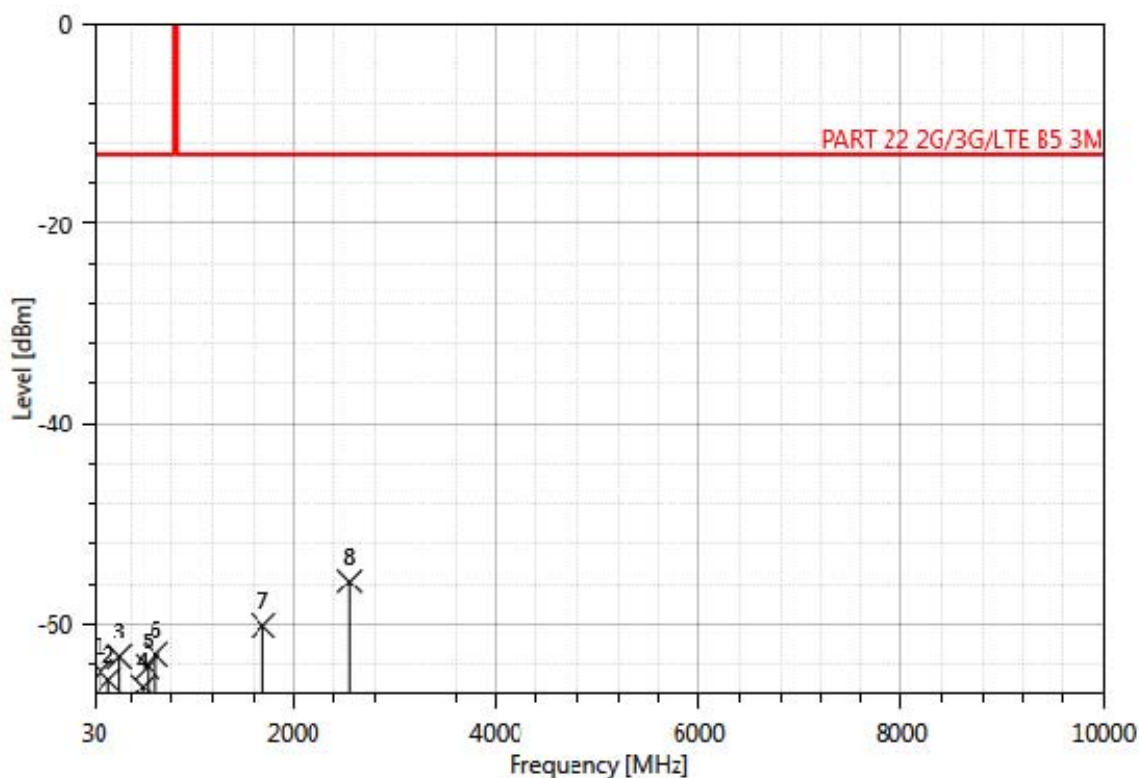
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Operation Mode :	GSM 850	Test Date :	04/27/2016 16:10:34
Fundamental Frequency :	848.8 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
93.05	S	Peak	-64.82	-62.79	-0.81	-1.22	-13.00	-51.82
172.59	S	Peak	-65.63	-63.66	-0.44	-1.53	-13.00	-52.63
280.26	S	Peak	-63.37	-64.91	3.42	-1.88	-13.00	-50.37
507.24	S	Peak	-66.33	-67.81	3.82	-2.33	-13.00	-53.33
558.65	S	Peak	-64.31	-65.08	3.53	-2.76	-13.00	-51.31
639.16	S	Peak	-63.14	-63.87	3.16	-2.44	-13.00	-50.14
1697.60	H	Peak	-60.19	-63.17	7.28	-4.31	-13.00	-47.19
2546.40	H	Peak	-55.81	-59.29	8.81	-5.33	-13.00	-42.81

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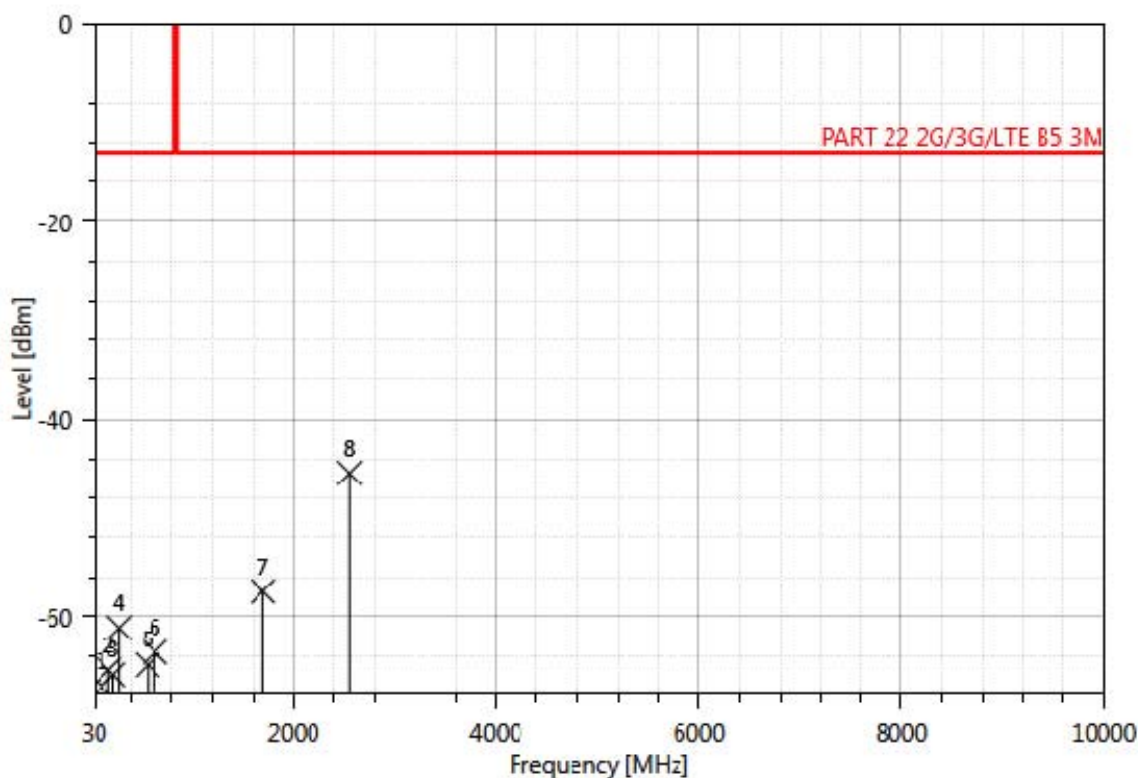
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Operation Mode :	GSM 850	Test Date :	04/27/2016 16:10:41
Fundamental Frequency :	848.8 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
103.72	S	Peak	-67.04	-65.77	0.00	-1.26	-13.00	-54.04
173.56	S	Peak	-65.34	-63.81	0.00	-1.53	-13.00	-52.34
217.21	S	Peak	-65.81	-64.11	0.00	-1.69	-13.00	-52.81
279.29	S	Peak	-61.09	-59.22	0.00	-1.87	-13.00	-48.09
558.65	S	Peak	-64.83	-62.07	0.00	-2.76	-13.00	-51.83
629.46	S	Peak	-63.55	-61.08	0.00	-2.47	-13.00	-50.55
1697.60	H	Peak	-57.41	-60.38	7.28	-4.31	-13.00	-44.41
2546.40	H	Peak	-45.44	-48.92	8.81	-5.33	-13.00	-32.44

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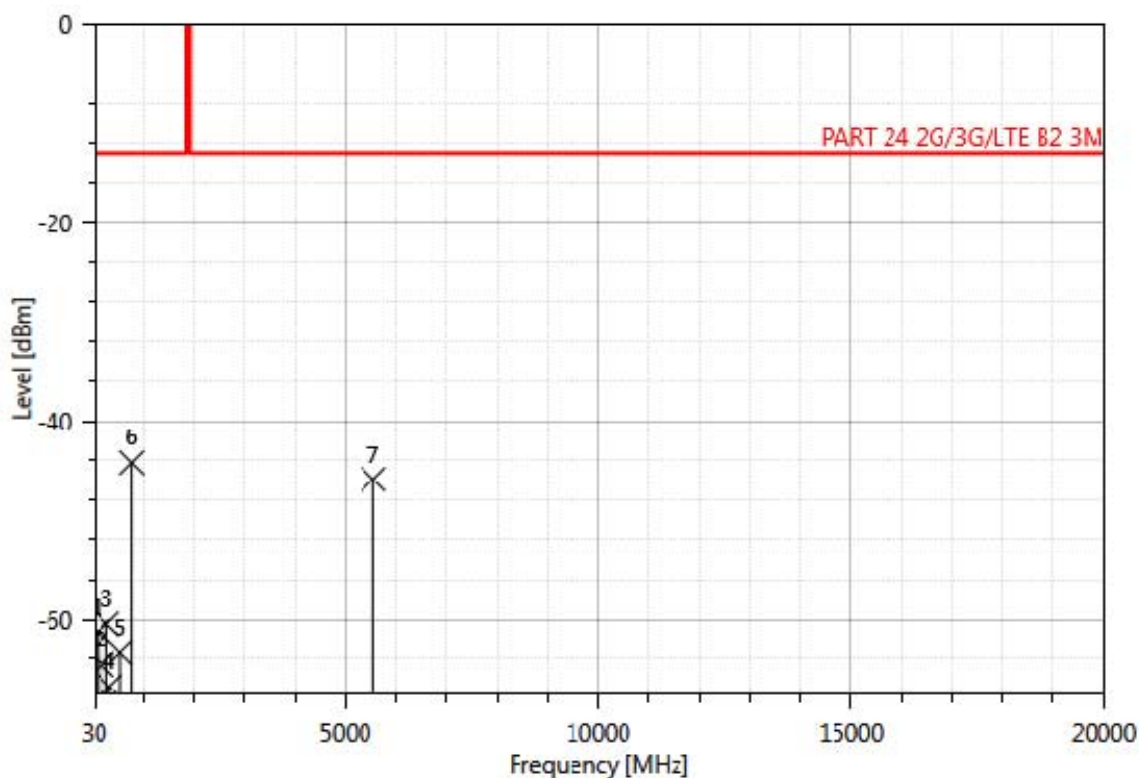
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## Radiated Spurious Emission Measurement Result: GPRS 1900 Mode

Operation Mode :	GPRS 1900	Test Date :	04/27/2016 16:25:02
Fundamental Frequency :	1850.2 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
97.90	S	Peak	-61.23	-60.75	0.77	-1.24	-13.00	-48.23
173.56	S	Peak	-64.57	-64.92	1.89	-1.53	-13.00	-51.57
280.26	S	Peak	-60.44	-64.14	5.57	-1.88	-13.00	-47.44
335.55	S	Peak	-66.79	-70.81	5.95	-1.93	-13.00	-53.79
542.16	S	Peak	-63.41	-66.57	5.78	-2.62	-13.00	-50.41
769.14	S	Peak	-44.21	-46.65	5.39	-2.96	-13.00	-31.21
5550.60	H	Peak	-45.89	-50.55	12.90	-8.24	-13.00	-32.89

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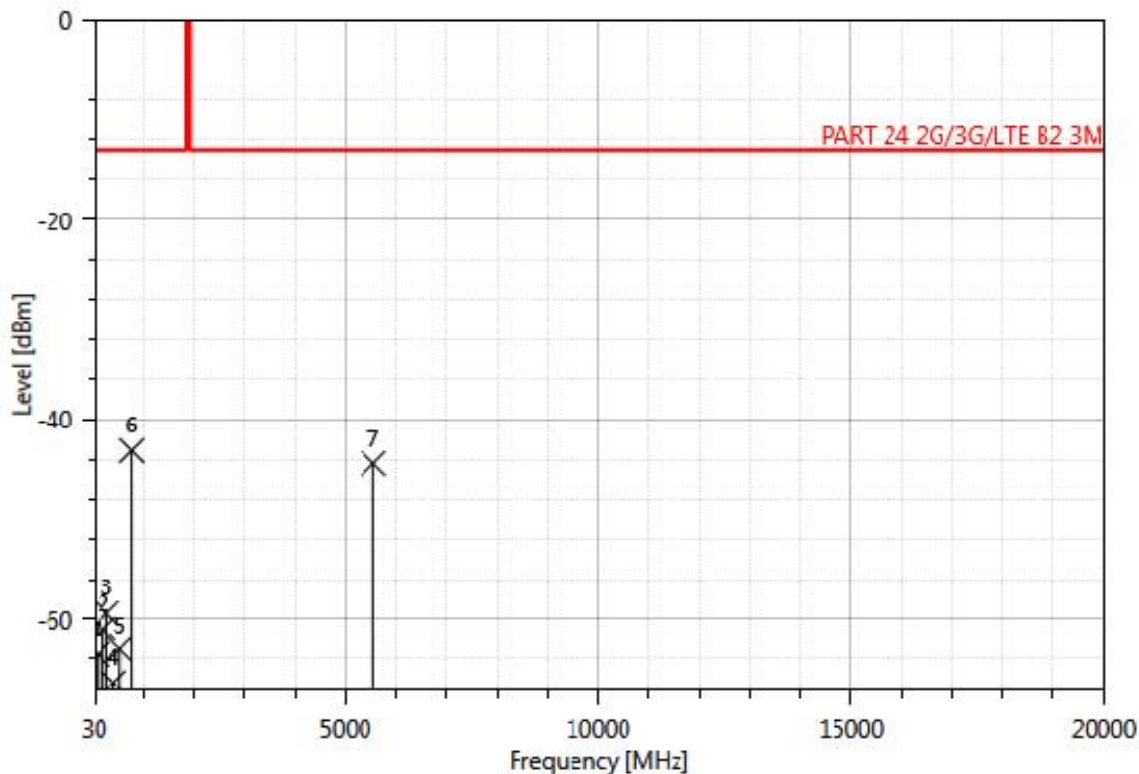
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Operation Mode :	GPRS 1900	Test Date :	04/27/2016 16:25:16
Fundamental Frequency :	1850.2 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
99.84	S	Peak	-63.56	-62.86	0.55	-1.25	-13.00	-50.56
212.36	S	Peak	-60.98	-64.93	5.63	-1.68	-13.00	-47.98
279.29	S	Peak	-59.42	-63.12	5.58	-1.87	-13.00	-46.42
411.21	S	Peak	-66.37	-69.91	5.93	-2.39	-13.00	-53.37
534.40	S	Peak	-63.03	-66.31	5.82	-2.54	-13.00	-50.03
769.14	S	Peak	-43.11	-45.55	5.39	-2.96	-13.00	-30.11
5550.60	H	Peak	-44.37	-49.03	12.90	-8.24	-13.00	-31.37

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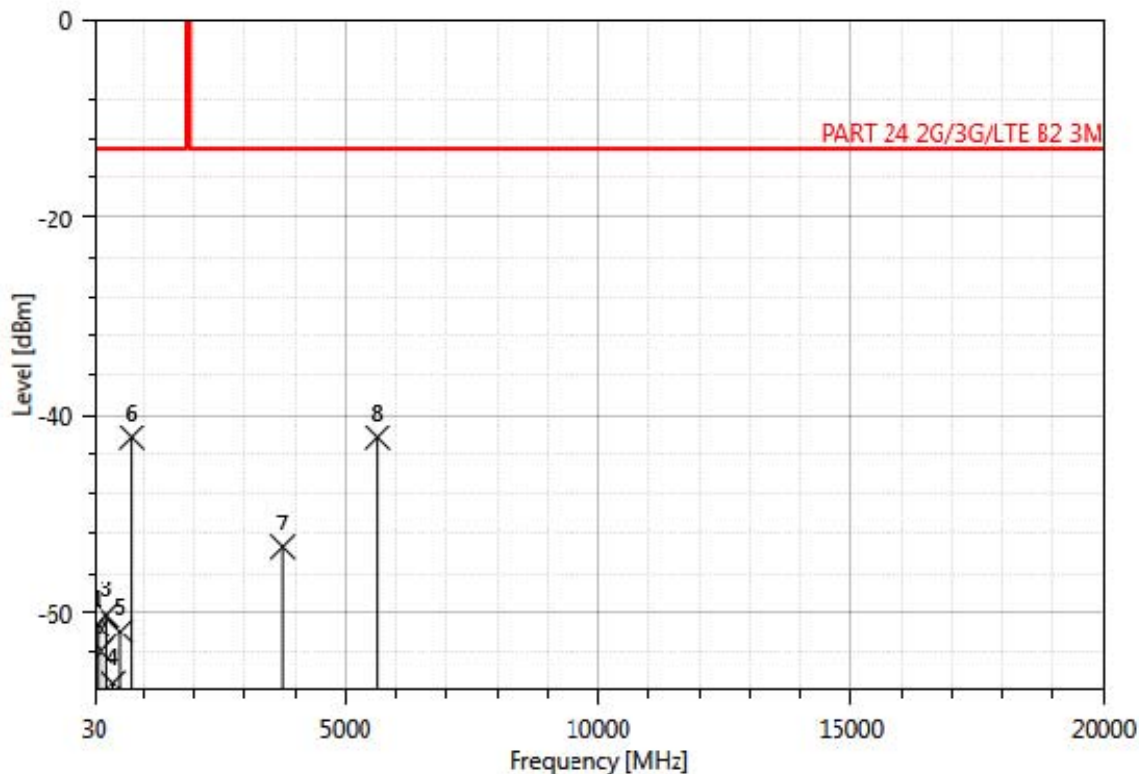
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Operation Mode :	GPRS 1900	Test Date :	04/27/2016 16:25:29
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
95.96	S	Peak	-61.21	-60.97	0.99	-1.23	-13.00	-48.21
170.65	S	Peak	-63.92	-63.75	1.36	-1.52	-13.00	-50.92
280.26	S	Peak	-60.23	-63.93	5.57	-1.88	-13.00	-47.23
406.36	S	Peak	-67.08	-70.61	5.95	-2.42	-13.00	-54.08
546.04	S	Peak	-61.90	-64.99	5.76	-2.66	-13.00	-48.90
769.14	S	Peak	-42.30	-44.73	5.39	-2.96	-13.00	-29.30
3760.00	H	Peak	-53.38	-59.24	12.45	-6.60	-13.00	-40.38
5640.00	H	Peak	-42.31	-46.84	12.90	-8.36	-13.00	-29.31

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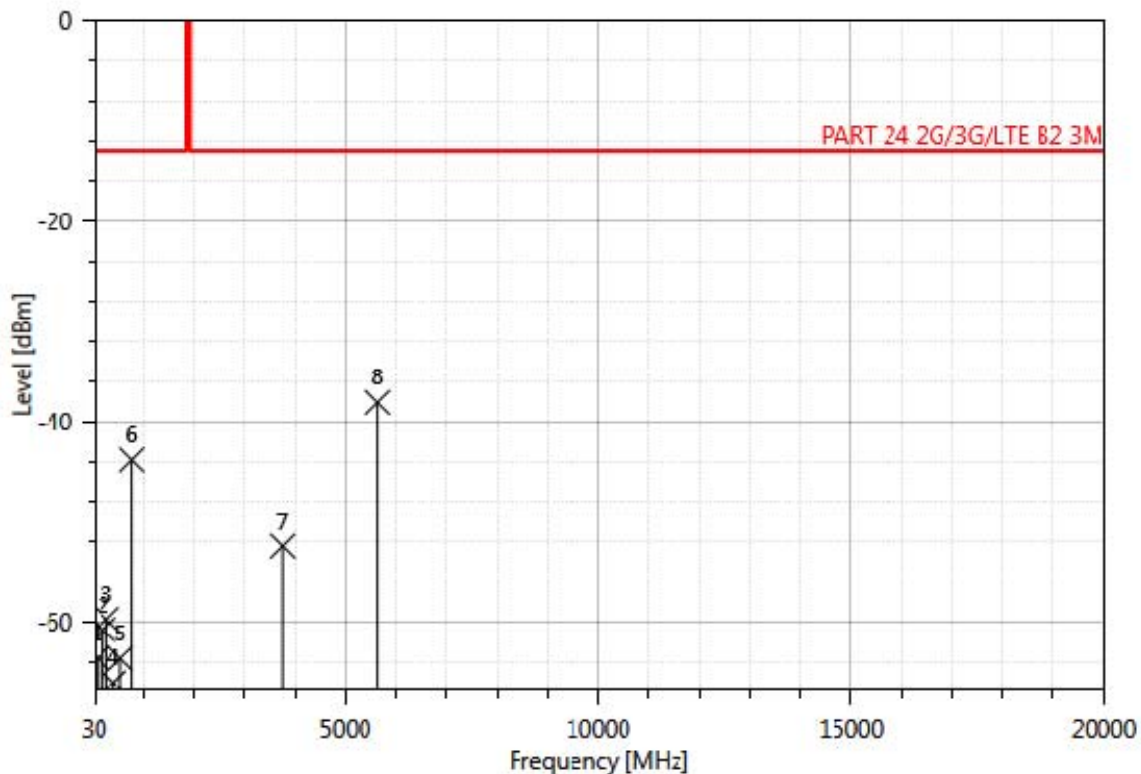
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Operation Mode :	GPRS 1900	Test Date :	04/27/2016 16:25:43
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
99.84	S	Peak	-63.58	-62.88	0.55	-1.25	-13.00	-50.58
211.39	S	Peak	-60.78	-64.75	5.65	-1.68	-13.00	-47.78
279.29	S	Peak	-59.75	-63.46	5.58	-1.87	-13.00	-46.75
413.15	S	Peak	-66.05	-69.59	5.92	-2.38	-13.00	-53.05
546.04	S	Peak	-63.63	-66.73	5.76	-2.66	-13.00	-50.63
769.14	S	Peak	-43.82	-46.25	5.39	-2.96	-13.00	-30.82
3760.00	H	Peak	-52.49	-58.34	12.45	-6.60	-13.00	-39.49
5640.00	H	Peak	-38.10	-42.64	12.90	-8.36	-13.00	-25.10

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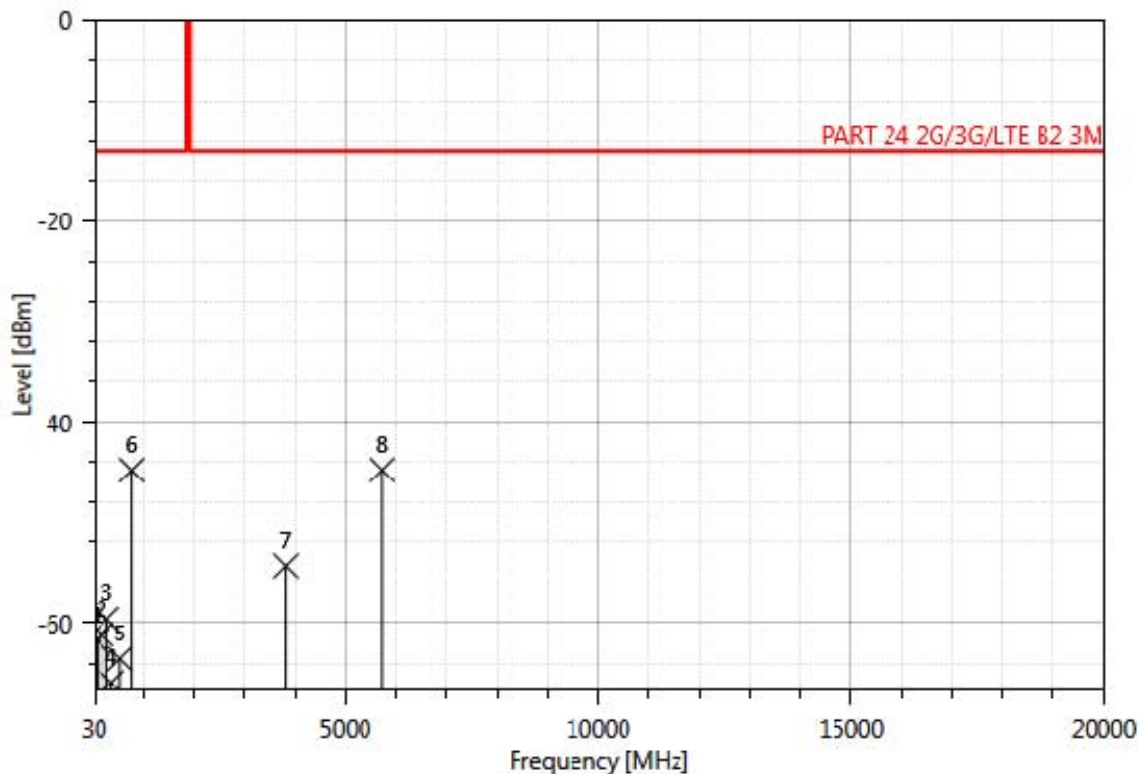
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Operation Mode :	GPRS 1900	Test Date :	04/27/2016 16:25:57
Fundamental Frequency :	1909.8 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
91.11	S	Peak	-61.77	-62.14	1.58	-1.21	-13.00	-48.77
172.59	S	Peak	-61.13	-61.31	1.71	-1.53	-13.00	-48.13
280.26	S	Peak	-59.60	-63.29	5.57	-1.88	-13.00	-46.60
372.41	S	Peak	-65.92	-69.70	5.99	-2.21	-13.00	-52.92
541.19	S	Peak	-63.55	-66.72	5.78	-2.61	-13.00	-50.55
769.14	S	Peak	-44.79	-47.22	5.39	-2.96	-13.00	-31.79
3819.60	H	Peak	-54.29	-60.10	12.47	-6.65	-13.00	-41.29
5729.40	H	Peak	-44.77	-49.28	12.90	-8.39	-13.00	-31.77

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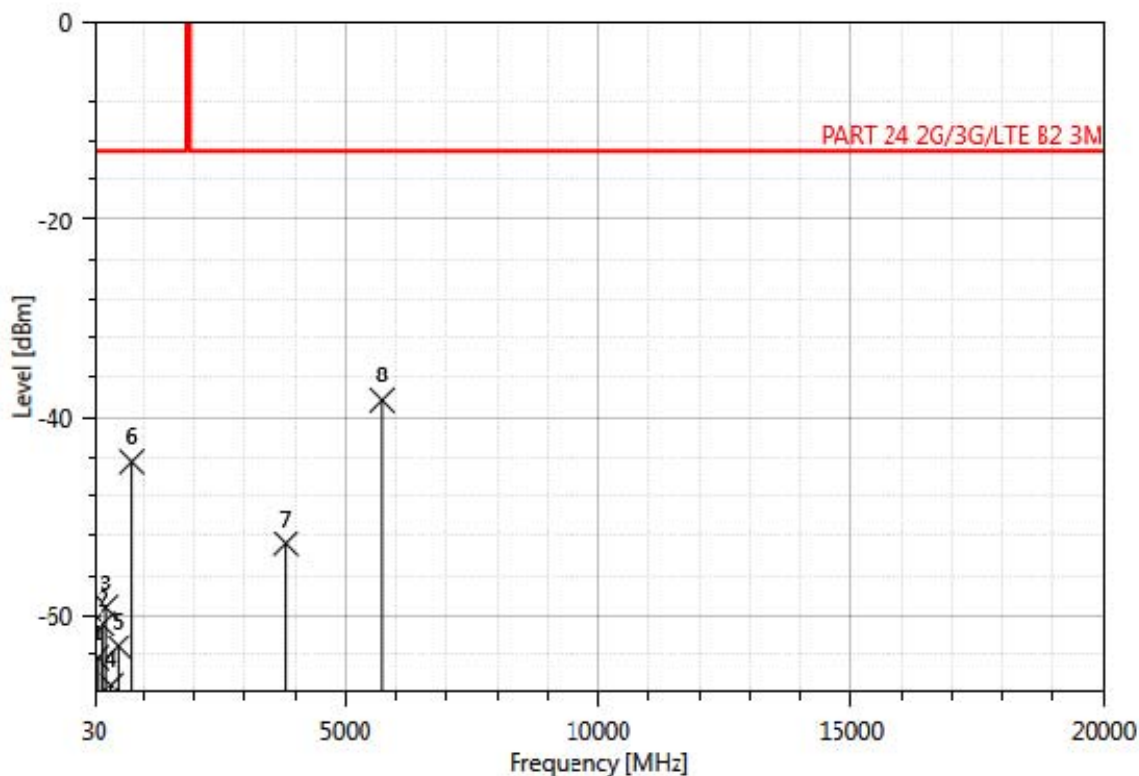
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Operation Mode :	GPRS 1900	Test Date :	04/27/2016 16:26:11
Fundamental Frequency :	1909.8 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
97.90	S	Peak	-64.32	-63.85	0.77	-1.24	-13.00	-51.32
212.36	S	Peak	-60.87	-64.82	5.63	-1.68	-13.00	-47.87
272.50	S	Peak	-59.22	-63.02	5.64	-1.84	-13.00	-46.22
372.41	S	Peak	-67.00	-70.78	5.99	-2.21	-13.00	-54.00
516.94	S	Peak	-63.16	-66.71	5.91	-2.37	-13.00	-50.16
769.14	S	Peak	-44.45	-46.88	5.39	-2.96	-13.00	-31.45
3819.60	H	Peak	-52.78	-58.59	12.47	-6.65	-13.00	-39.78
5729.40	H	Peak	-38.26	-42.76	12.90	-8.39	-13.00	-25.26

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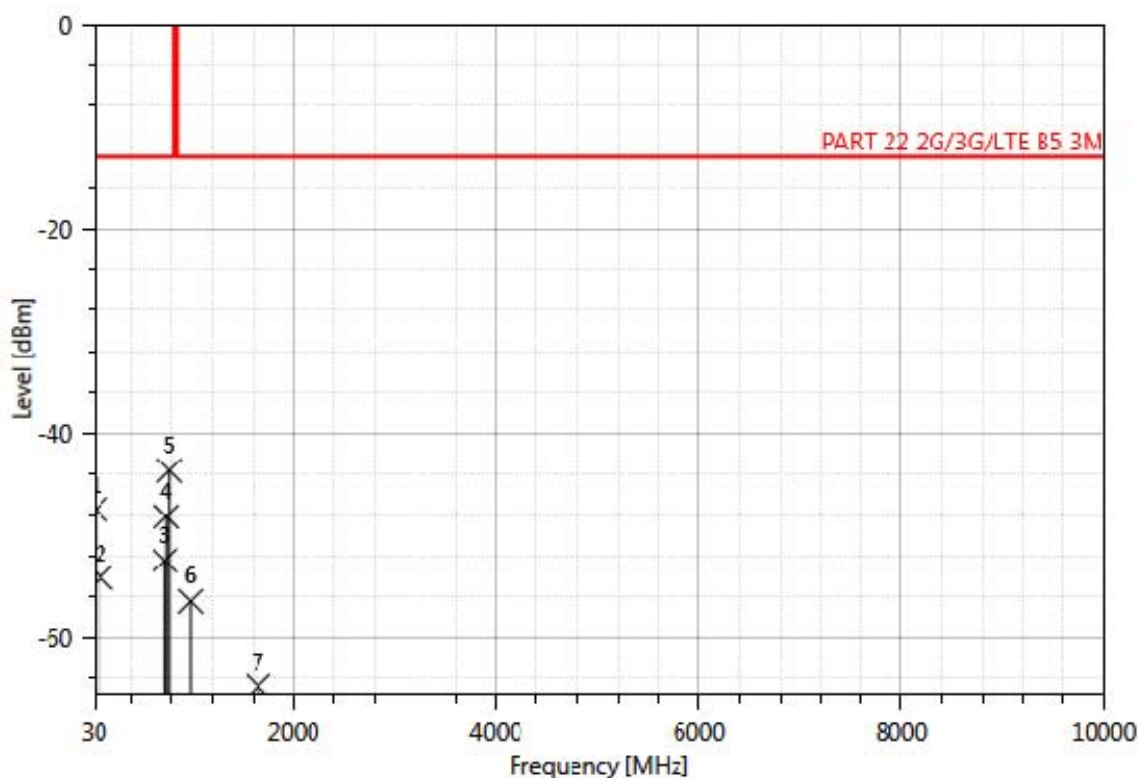
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## Radiated Spurious Emission Measurement Result: CDMA BC0 Mode

Operation Mode :	CDMA 850	Test Date :	01/10/2017
Fundamental Frequency :	824.7 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	QP/AV/PK	Level dBm	Level dBm	Gain dBd	Loss dB	@3m dBm	dB
41.64	S	Peak	-47.45	-35.77	-10.68	-1.00	-13.00	-34.45
94.99	S	Peak	-54.09	-53.97	1.11	-1.23	-13.00	-41.09
730.34	S	Peak	-52.42	-54.60	5.29	-3.11	-13.00	-39.42
745.86	S	Peak	-48.13	-50.35	5.32	-3.10	-13.00	-35.13
774.96	S	Peak	-43.63	-46.12	5.41	-2.92	-13.00	-30.63
978.66	S	Peak	-56.39	-58.97	5.77	-3.19	-13.00	-43.39
1649.40	H	Peak	-64.78	-67.67	7.11	-4.23	-13.00	-51.78

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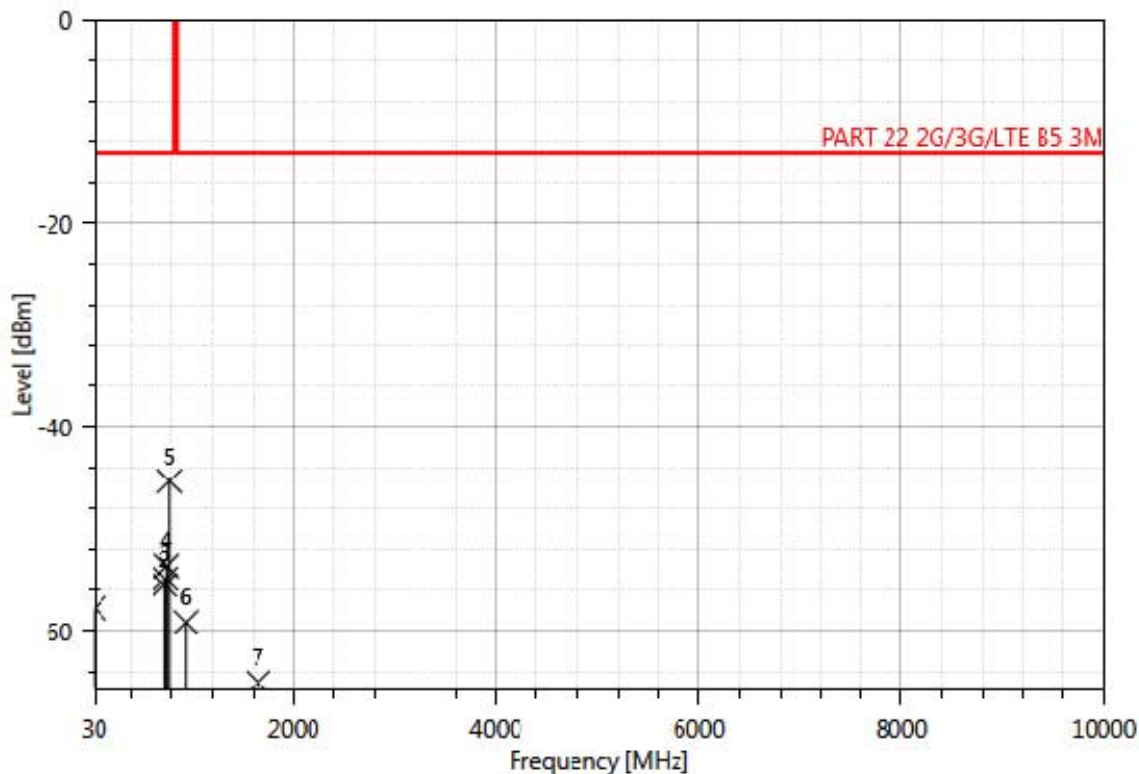
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Operation Mode :	CDMA 850	Test Date :	01/10/2017
Fundamental Frequency :	824.7 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
31.94	S	Peak	-57.79	-44.66	-12.16	-0.96	-13.00	-44.79
728.40	S	Peak	-55.49	-57.68	5.29	-3.11	-13.00	-42.49
738.10	S	Peak	-54.90	-57.07	5.31	-3.13	-13.00	-41.90
747.80	S	Peak	-53.63	-55.87	5.33	-3.09	-13.00	-40.63
776.90	S	Peak	-45.31	-47.81	5.42	-2.91	-13.00	-32.31
934.04	S	Peak	-59.18	-61.21	5.26	-3.23	-13.00	-46.18
1649.40	H	Peak	-65.10	-67.99	7.11	-4.23	-13.00	-52.10

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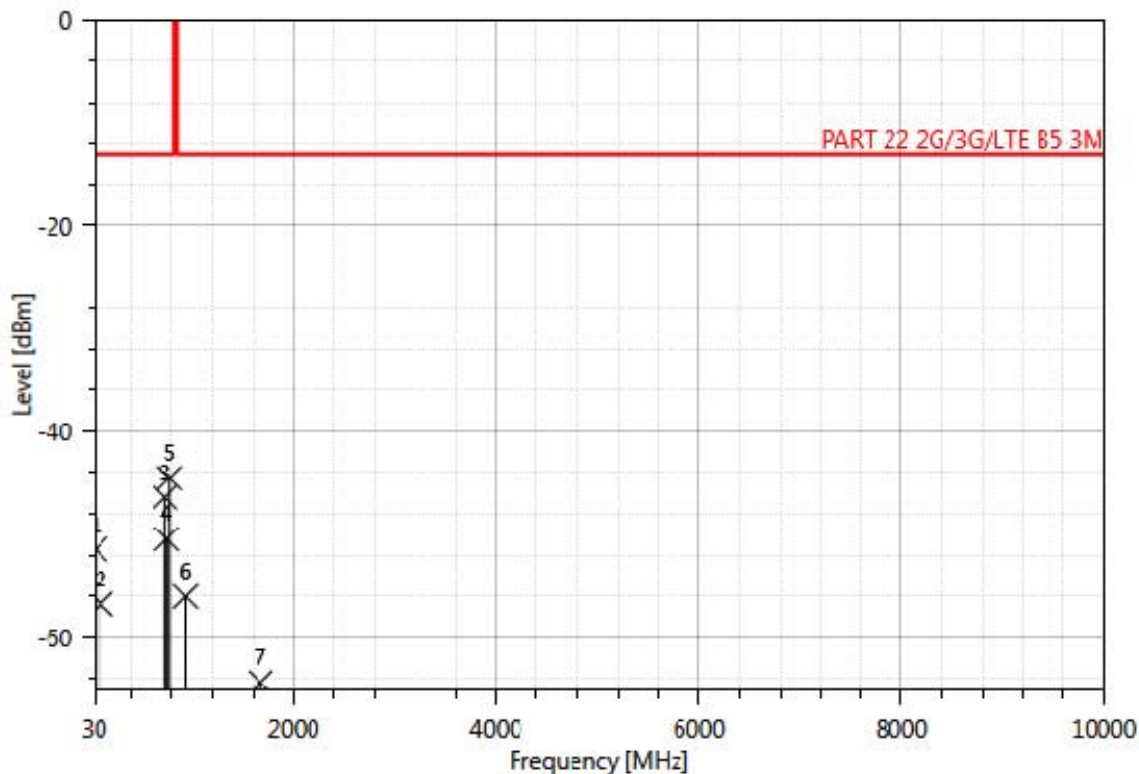
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Operation Mode :	CDMA 850	Test Date :	01/10/2017
Fundamental Frequency :	836.52 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
41.64	S	Peak	-51.44	-39.76	-10.68	-1.00	-13.00	-38.44
94.99	S	Peak	-56.78	-56.66	1.11	-1.23	-13.00	-43.78
730.34	S	Peak	-46.41	-48.59	5.29	-3.11	-13.00	-33.41
747.80	S	Peak	-50.45	-52.68	5.33	-3.09	-13.00	-37.45
774.96	S	Peak	-44.53	-47.02	5.41	-2.92	-13.00	-31.53
930.16	S	Peak	-56.06	-58.09	5.27	-3.24	-13.00	-43.06
1673.04	H	Peak	-64.40	-67.31	7.20	-4.29	-13.00	-51.40

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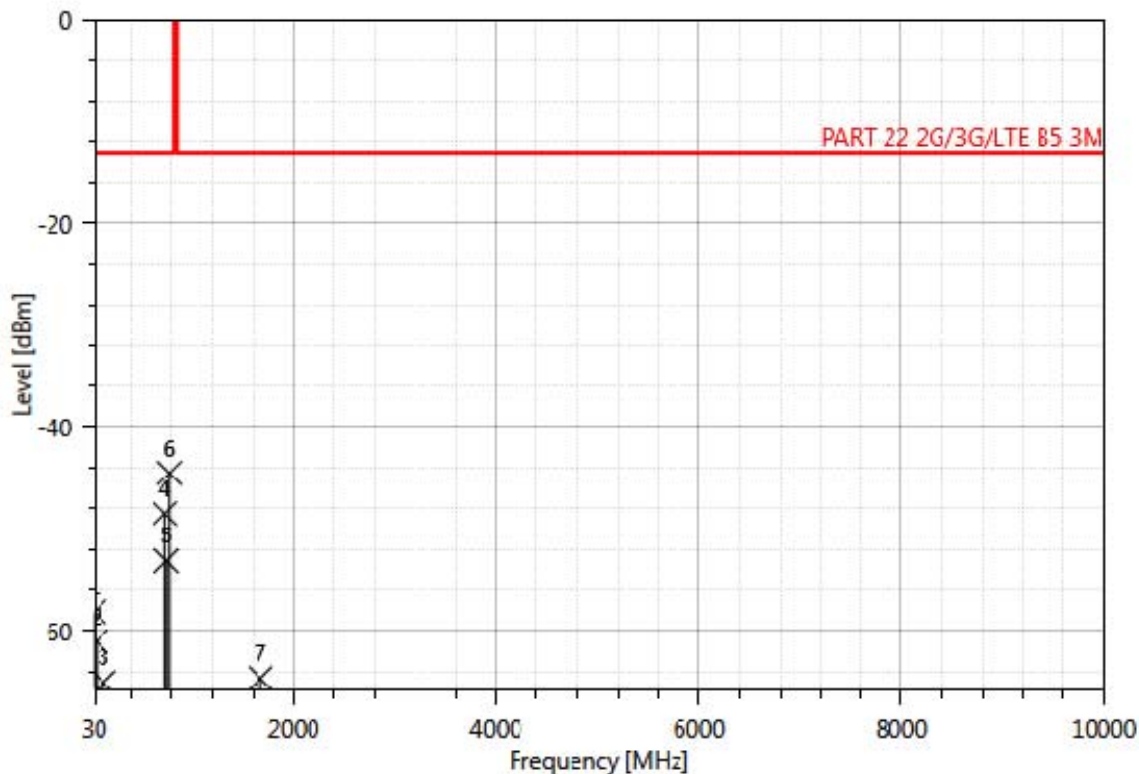
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Operation Mode :	CDMA 850	Test Date :	01/10/2017
Fundamental Frequency :	836.52 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
31.94	S	Peak	-58.13	-45.00	-12.16	-0.96	-13.00	-45.13
49.40	S	Peak	-61.03	-50.68	-9.31	-1.04	-13.00	-48.03
122.15	S	Peak	-65.07	-63.40	-0.33	-1.33	-13.00	-52.07
730.34	S	Peak	-48.46	-50.64	5.29	-3.11	-13.00	-35.46
745.86	S	Peak	-53.09	-55.31	5.32	-3.10	-13.00	-40.09
776.90	S	Peak	-44.50	-47.01	5.42	-2.91	-13.00	-31.50
1673.04	H	Peak	-64.65	-67.56	7.20	-4.29	-13.00	-51.65

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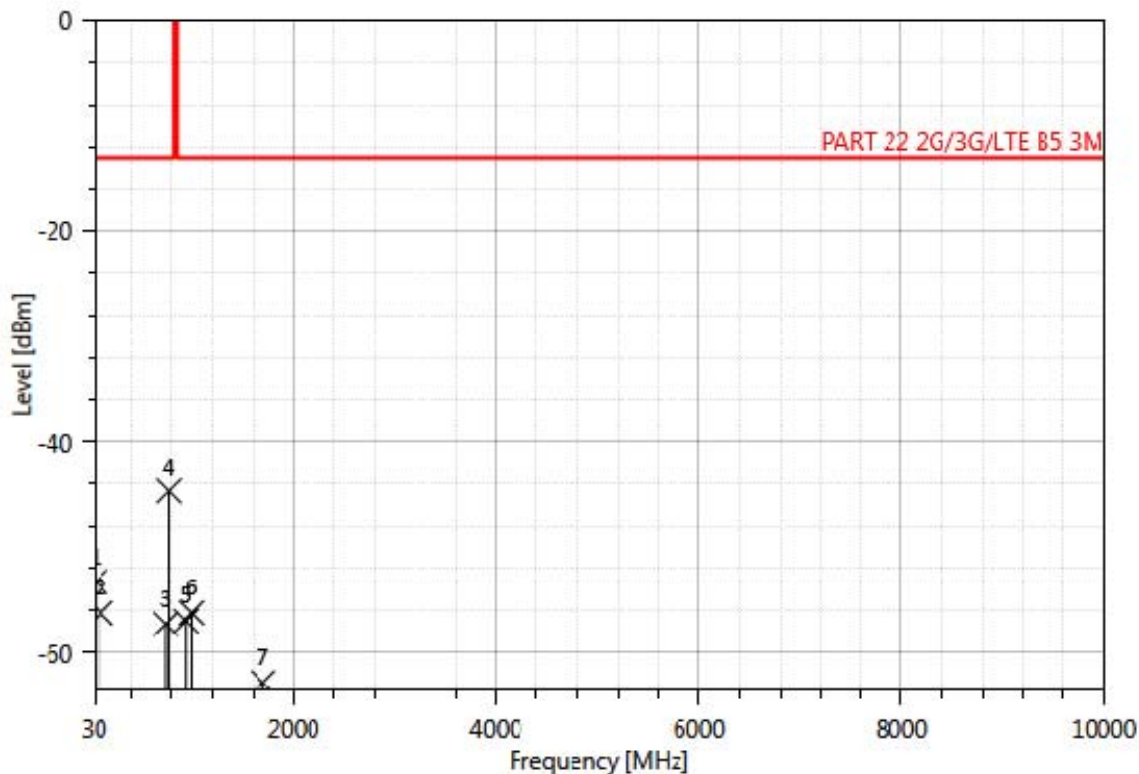
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Operation Mode :	CDMA 850	Test Date :	01/10/2017
Fundamental Frequency :	848.31 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
41.64	S	Peak	-53.28	-41.59	-10.68	-1.00	-13.00	-40.28
94.99	S	Peak	-56.22	-56.10	1.11	-1.23	-13.00	-43.22
741.01	S	Peak	-57.26	-59.44	5.31	-3.13	-13.00	-44.26
772.05	S	Peak	-44.69	-47.15	5.40	-2.94	-13.00	-31.69
934.04	S	Peak	-56.99	-59.01	5.26	-3.23	-13.00	-43.99
988.36	S	Peak	-56.20	-58.93	5.97	-3.23	-13.00	-43.20
1696.62	H	Peak	-62.82	-65.79	7.28	-4.31	-13.00	-49.82

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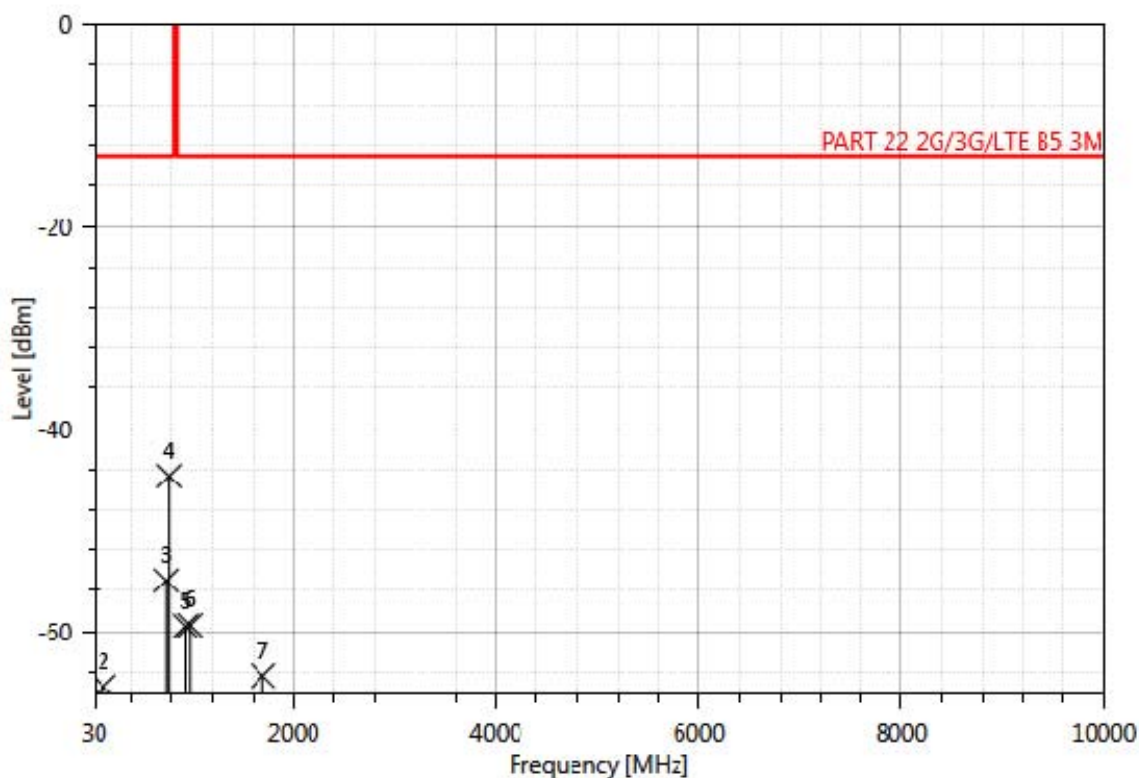
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Operation Mode :	CDMA 850	Test Date :	01/10/2017
Fundamental Frequency :	848.31 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
30.00	S	Peak	-57.63	-44.04	-12.63	-0.96	-13.00	-44.63
122.15	S	Peak	-65.44	-63.78	-0.33	-1.33	-13.00	-52.44
745.86	S	Peak	-54.97	-57.19	5.32	-3.10	-13.00	-41.97
773.99	S	Peak	-44.65	-47.13	5.41	-2.93	-13.00	-31.65
930.16	S	Peak	-59.47	-61.50	5.27	-3.24	-13.00	-46.47
973.81	S	Peak	-59.38	-61.87	5.67	-3.18	-13.00	-46.38
1696.62	H	Peak	-64.36	-67.33	7.28	-4.31	-13.00	-51.36

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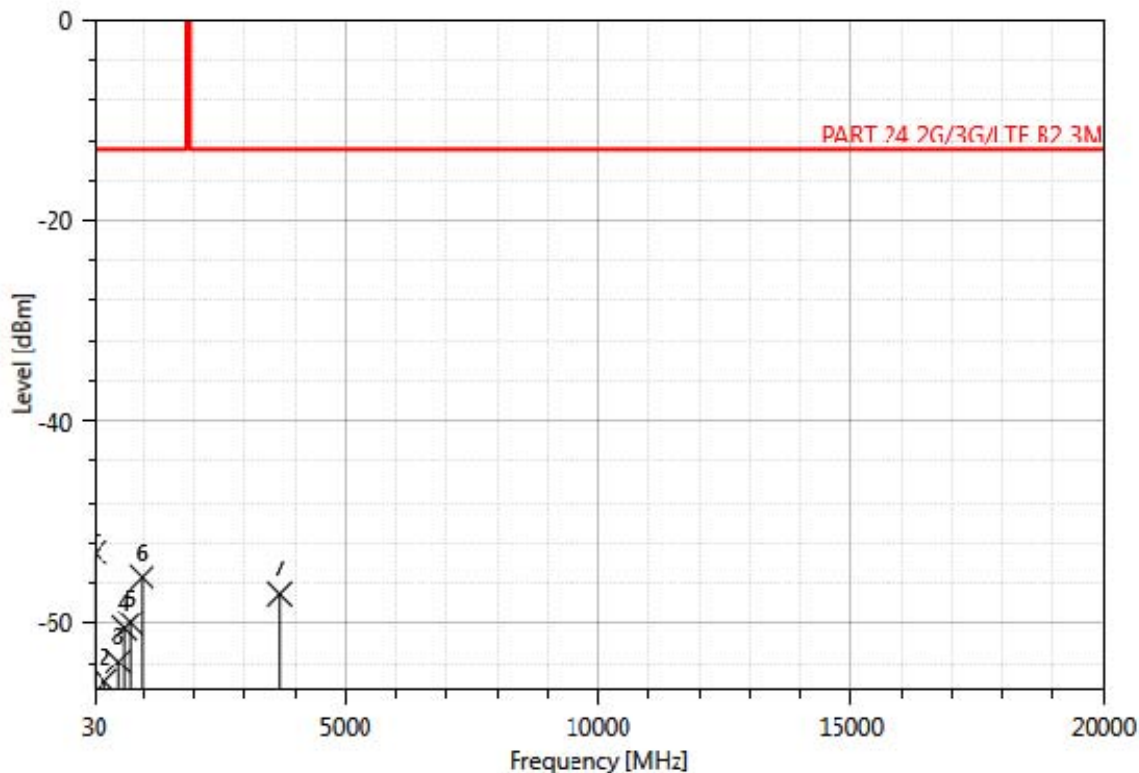
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## Radiated Spurious Emission Measurement Result: CDMA BC1 Mode

Operation Mode :	CDMA 1900	Test Date :	01/10/2017
Fundamental Frequency :	1851.25 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
41.64	S	Peak	-52.99	11.89	-10.68	-1.00	-13.00	-39.99
238.55	S	Peak	-65.85	0.43	5.41	-1.74	-13.00	-52.85
513.06	S	Peak	-63.84	2.47	5.94	-2.35	-13.00	-50.84
629.46	S	Peak	-60.54	6.15	5.33	-2.47	-13.00	-47.54
744.89	S	Peak	-60.02	7.49	5.32	-3.11	-13.00	-47.02
972.84	S	Peak	-55.50	11.79	5.65	-3.17	-13.00	-42.50
3702.50	H	Peak	-57.11	-62.97	12.44	-6.58	-13.00	-44.11

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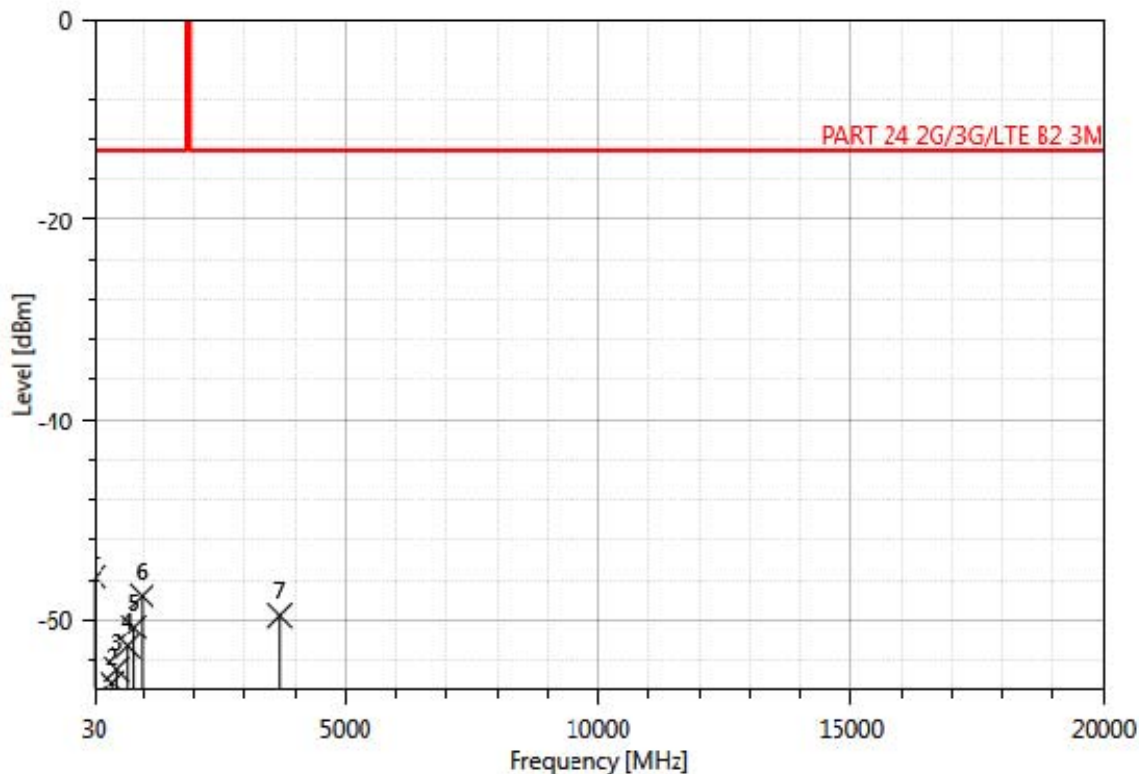
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Operation Mode :	CDMA 1900	Test Date :	01/10/2017
Fundamental Frequency :	1851.25 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
31.94	S	Peak	-55.69	19.49	-12.16	-0.96	-13.00	-42.69
388.90	S	Peak	-66.26	-0.95	5.98	-2.31	-13.00	-53.26
481.05	S	Peak	-64.91	-0.05	5.93	-2.24	-13.00	-51.91
691.54	S	Peak	-62.63	4.77	5.24	-2.83	-13.00	-49.63
806.00	S	Peak	-60.73	7.08	5.48	-2.89	-13.00	-47.73
972.84	S	Peak	-57.66	10.34	5.65	-3.17	-13.00	-44.66
3702.50	H	Peak	-59.54	-65.40	12.44	-6.58	-13.00	-46.54

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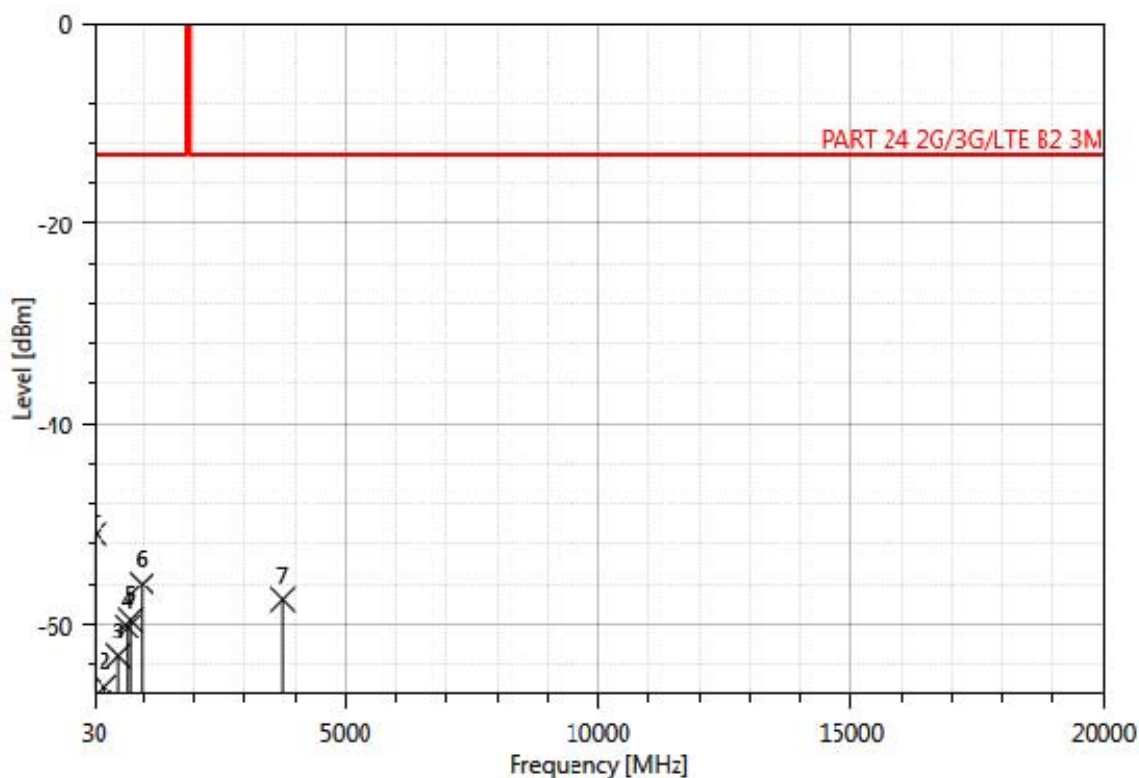
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Operation Mode :	CDMA 1900	Test Date :	01/10/2017
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
42.61	S	Peak	-50.97	10.78	-10.54	-1.01	-13.00	-37.97
235.64	S	Peak	-66.23	0.91	5.36	-1.73	-13.00	-53.23
510.15	S	Peak	-63.20	1.89	5.95	-2.34	-13.00	-50.20
692.51	S	Peak	-60.26	7.01	5.24	-2.84	-13.00	-47.26
745.86	S	Peak	-59.57	7.54	5.32	-3.10	-13.00	-46.57
970.90	S	Peak	-55.97	11.54	5.62	-3.16	-13.00	-42.97
3760.00	H	Peak	-57.58	-63.44	12.45	-6.60	-13.00	-44.58

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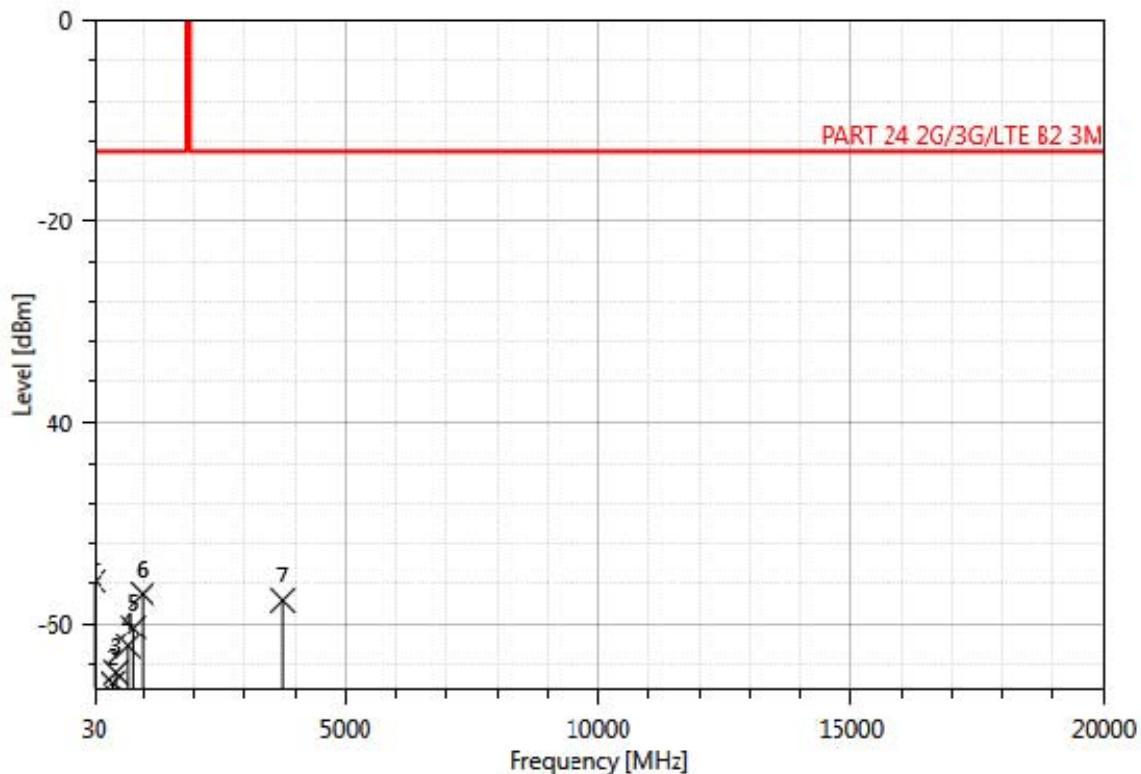
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Operation Mode :	CDMA 1900	Test Date :	01/10/2017
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
31.94	S	Peak	-55.76	19.49	-12.16	-0.96	-13.00	-42.76
406.36	S	Peak	-65.83	-0.39	5.95	-2.42	-13.00	-52.83
469.41	S	Peak	-64.80	0.01	5.88	-2.22	-13.00	-51.80
697.36	S	Peak	-62.21	4.86	5.23	-2.93	-13.00	-49.21
798.24	S	Peak	-60.38	7.00	5.49	-2.90	-13.00	-47.38
983.51	S	Peak	-57.10	9.58	5.87	-3.21	-13.00	-44.10
3760.00	H	Peak	-57.72	-63.57	12.45	-6.60	-13.00	-44.72

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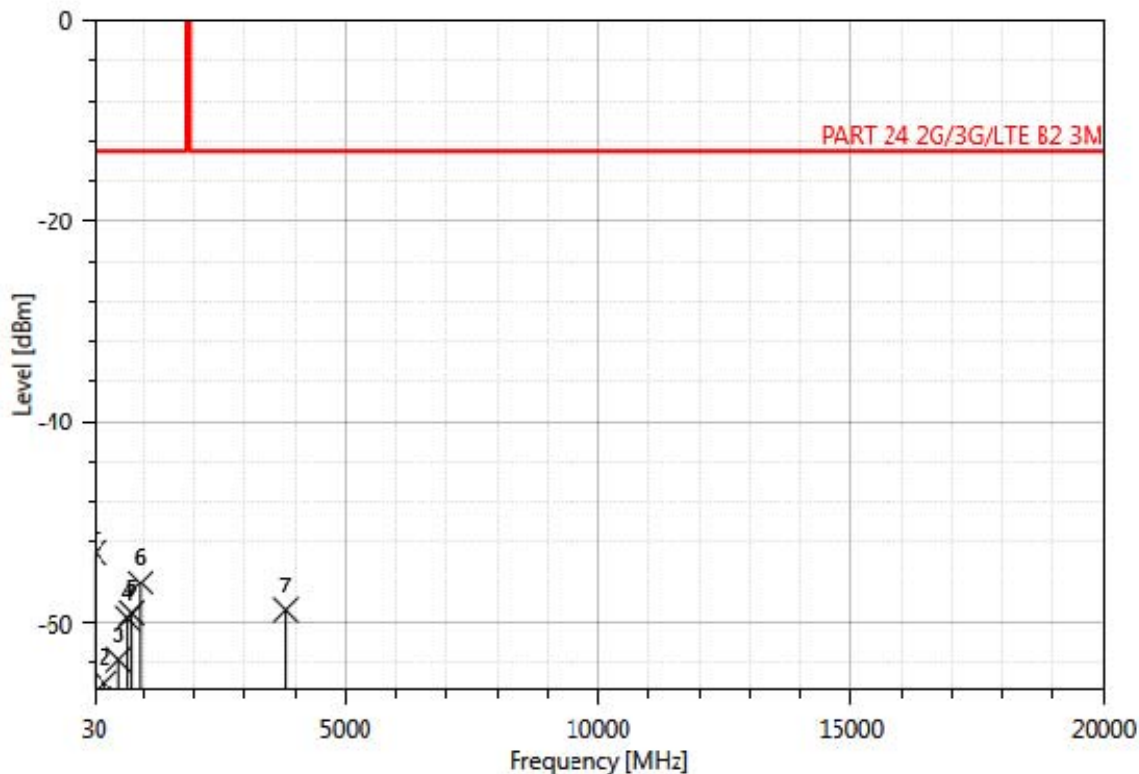
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Operation Mode :	CDMA 1900	Test Date :	01/10/2017
Fundamental Frequency :	1908.75 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
41.64	S	Peak	-53.04	11.89	-10.68	-1.00	-13.00	-40.04
236.61	S	Peak	-65.98	0.77	5.38	-1.73	-13.00	-52.98
513.06	S	Peak	-63.71	2.47	5.94	-2.35	-13.00	-50.71
689.60	S	Peak	-59.56	7.26	5.24	-2.79	-13.00	-46.56
765.26	S	Peak	-59.03	7.57	5.38	-2.98	-13.00	-46.03
936.95	S	Peak	-56.04	11.25	5.24	-3.22	-13.00	-43.04
3817.50	H	Peak	-58.74	-64.56	12.47	-6.64	-13.00	-45.74

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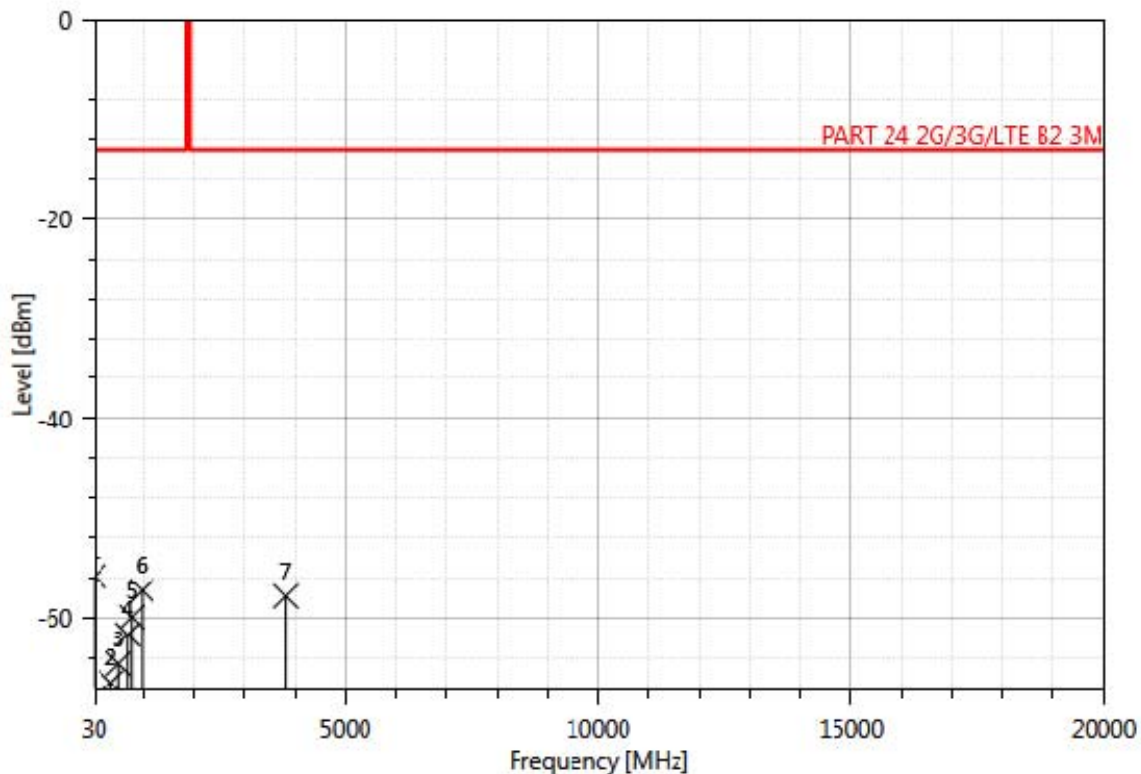
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Operation Mode :	CDMA 1900	Test Date :	01/10/2017
Fundamental Frequency :	1908.75 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
31.94	S	Peak	-55.87	19.49	-12.16	-0.96	-13.00	-42.87
361.74	S	Peak	-66.54	-0.82	6.00	-2.14	-13.00	-53.54
513.06	S	Peak	-64.63	0.70	5.94	-2.35	-13.00	-51.63
692.51	S	Peak	-61.72	4.68	5.24	-2.84	-13.00	-48.72
773.99	S	Peak	-59.97	5.50	5.41	-2.93	-13.00	-46.97
973.81	S	Peak	-57.33	10.23	5.67	-3.18	-13.00	-44.33
3817.50	H	Peak	-57.89	-63.71	12.47	-6.64	-13.00	-44.89

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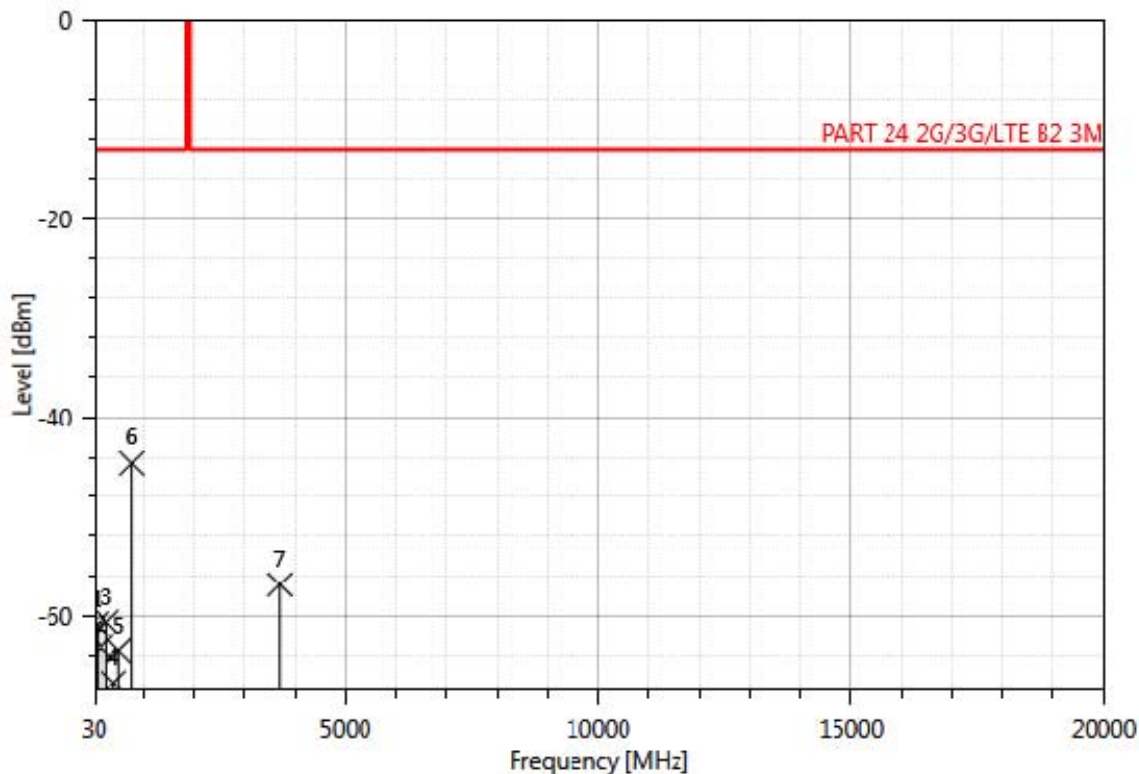
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## Radiated Spurious Emission Measurement Result: HSDPA II Mode

Operation Mode :	HSDPA B2	Test Date :	04/27/2016 16:26:25
Fundamental Frequency :	1852.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
91.11	S	Peak	-60.76	-61.12	1.58	-1.21	-13.00	-47.76
170.65	S	Peak	-63.19	-63.02	1.36	-1.52	-13.00	-50.19
279.29	S	Peak	-60.58	-64.29	5.58	-1.87	-13.00	-47.58
415.09	S	Peak	-66.70	-70.25	5.92	-2.37	-13.00	-53.70
515.00	S	Peak	-63.53	-67.09	5.92	-2.36	-13.00	-50.53
769.14	S	Peak	-44.56	-47.00	5.39	-2.96	-13.00	-31.56
3704.80	H	Peak	-56.83	-62.70	12.44	-6.58	-13.00	-43.83

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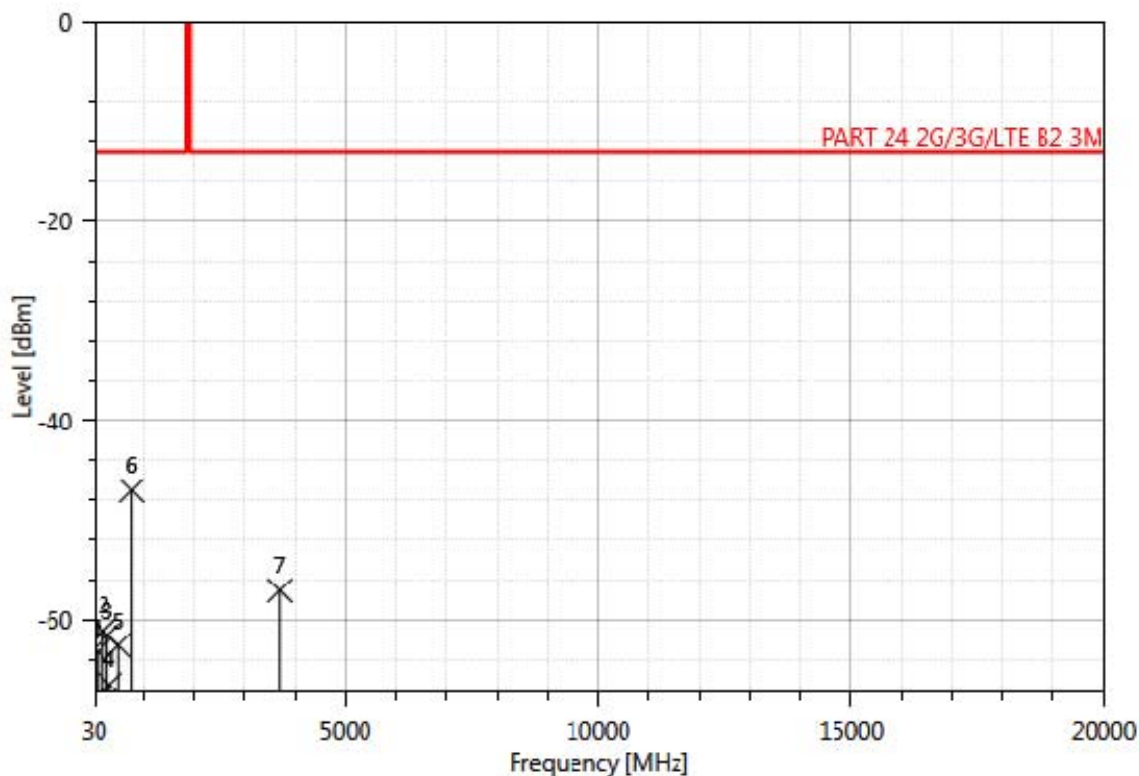
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Operation Mode :	HSDPA B2	Test Date :	04/27/2016 16:26:38
Fundamental Frequency :	1852.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
99.84	S	Peak	-63.22	-62.52	0.55	-1.25	-13.00	-50.22
219.15	S	Peak	-61.09	-64.88	5.49	-1.70	-13.00	-48.09
291.90	S	Peak	-61.57	-65.26	5.62	-1.93	-13.00	-48.57
335.55	S	Peak	-66.50	-70.51	5.95	-1.93	-13.00	-53.50
512.09	S	Peak	-62.55	-66.14	5.94	-2.35	-13.00	-49.55
769.14	S	Peak	-47.04	-49.47	5.39	-2.96	-13.00	-34.04
3704.80	H	Peak	-57.06	-62.92	12.44	-6.58	-13.00	-44.06

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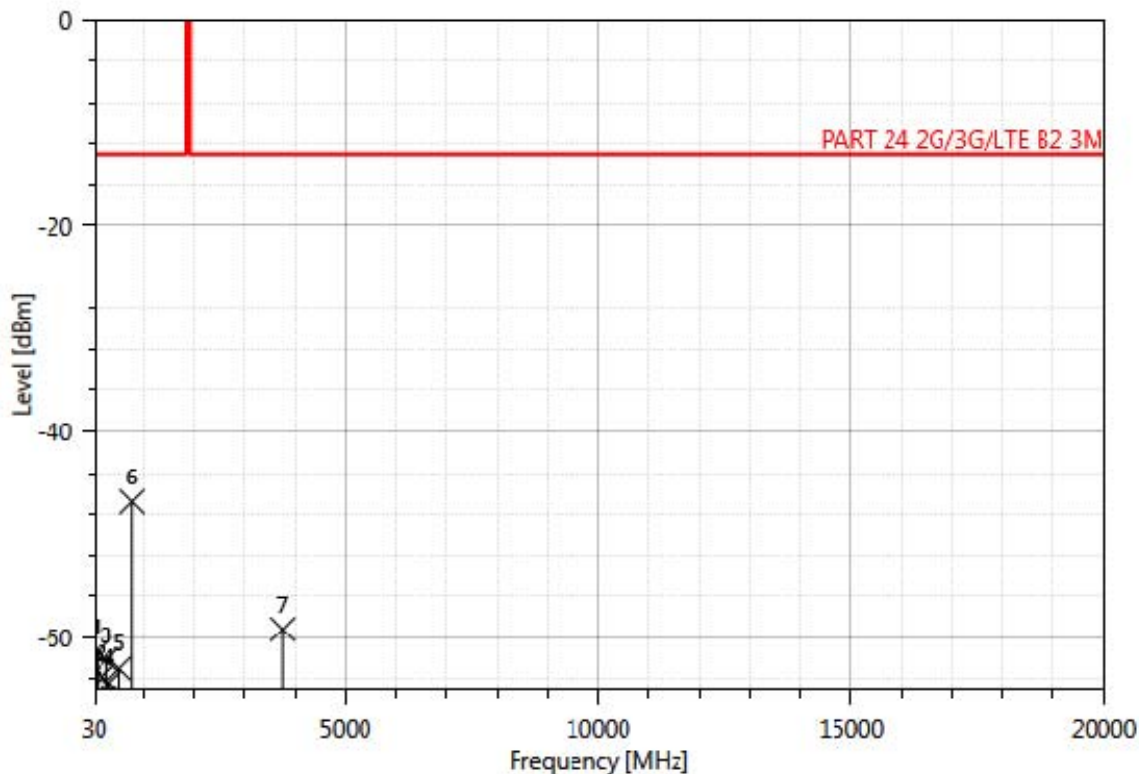
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Operation Mode :	HSDPA B2	Test Date :	04/27/2016 16:26:52
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
91.11	S	Peak	-61.50	-61.86	1.58	-1.21	-13.00	-48.50
173.56	S	Peak	-63.87	-64.23	1.89	-1.53	-13.00	-50.87
279.29	S	Peak	-62.13	-65.84	5.58	-1.87	-13.00	-49.13
330.70	S	Peak	-64.38	-68.39	5.92	-1.91	-13.00	-51.38
524.70	S	Peak	-62.99	-66.42	5.87	-2.44	-13.00	-49.99
773.99	S	Peak	-46.81	-49.29	5.41	-2.93	-13.00	-33.81
3760.00	H	Peak	-59.22	-65.07	12.45	-6.60	-13.00	-46.22

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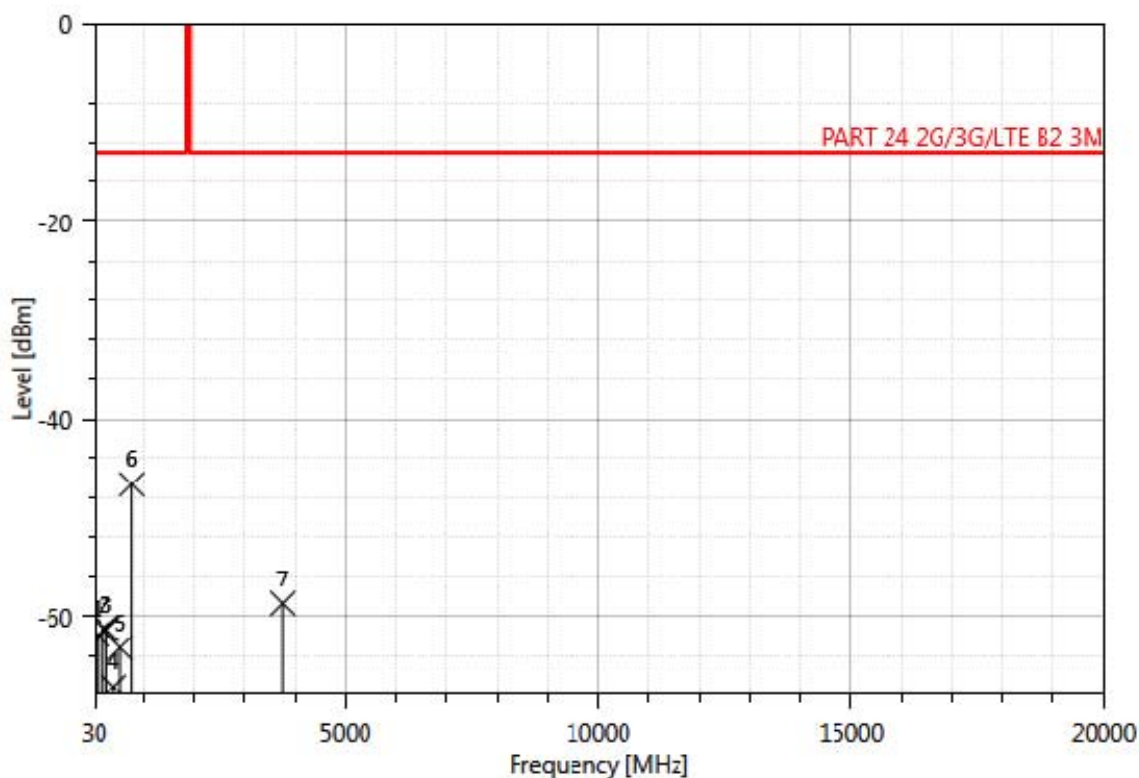
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Operation Mode :	HSDPA B2	Test Date :	04/27/2016 16:27:05
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
97.90	S	Peak	-61.86	-61.39	0.77	-1.24	-13.00	-48.86
219.15	S	Peak	-61.36	-65.16	5.49	-1.70	-13.00	-48.36
282.20	S	Peak	-61.34	-65.03	5.57	-1.89	-13.00	-48.34
418.00	S	Peak	-67.12	-70.68	5.91	-2.35	-13.00	-54.12
546.04	S	Peak	-63.20	-66.29	5.76	-2.66	-13.00	-50.20
769.14	S	Peak	-46.62	-49.06	5.39	-2.96	-13.00	-33.62
3760.00	H	Peak	-58.73	-64.58	12.45	-6.60	-13.00	-45.73

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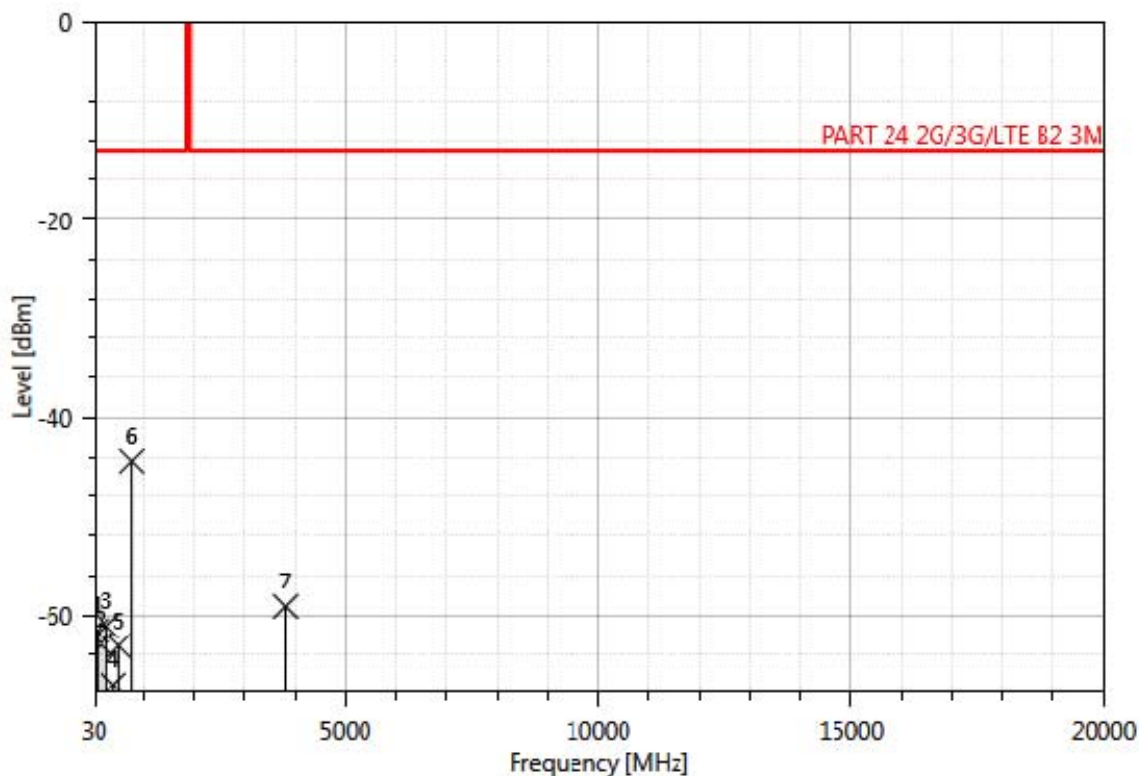
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Operation Mode :	HSDPA B2	Test Date :	04/27/2016 16:27:19
Fundamental Frequency :	1907.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
91.11	S	Peak	-61.55	-61.92	1.58	-1.21	-13.00	-48.55
172.59	S	Peak	-62.91	-63.09	1.71	-1.53	-13.00	-49.91
280.26	S	Peak	-61.10	-64.80	5.57	-1.88	-13.00	-48.10
413.15	S	Peak	-67.01	-70.56	5.92	-2.38	-13.00	-54.01
516.94	S	Peak	-63.09	-66.64	5.91	-2.37	-13.00	-50.09
769.14	S	Peak	-44.40	-46.83	5.39	-2.96	-13.00	-31.40
3815.20	H	Peak	-59.14	-64.97	12.46	-6.63	-13.00	-46.14

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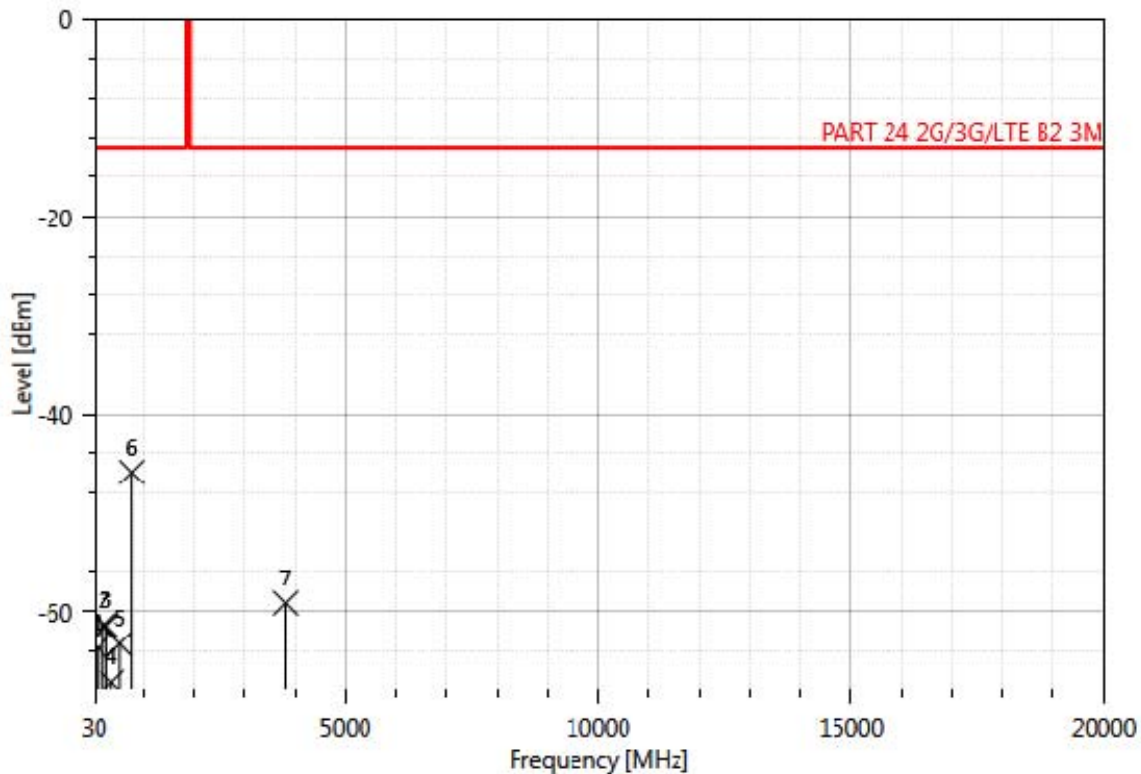
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Operation Mode :	HSDPA B2	Test Date :	16:27:33
Fundamental Frequency :	1907.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
97.90	S	Peak	-63.70	-63.23	0.77	-1.24	-13.00	-50.70
216.24	S	Peak	-61.46	-65.32	5.55	-1.69	-13.00	-48.46
279.29	S	Peak	-61.48	-65.18	5.58	-1.87	-13.00	-48.48
376.29	S	Peak	-67.11	-70.86	5.99	-2.24	-13.00	-54.11
537.31	S	Peak	-63.28	-66.51	5.80	-2.57	-13.00	-50.28
769.14	S	Peak	-45.90	-48.33	5.39	-2.96	-13.00	-32.90
3815.20	H	Peak	-59.18	-65.01	12.46	-6.63	-13.00	-46.18

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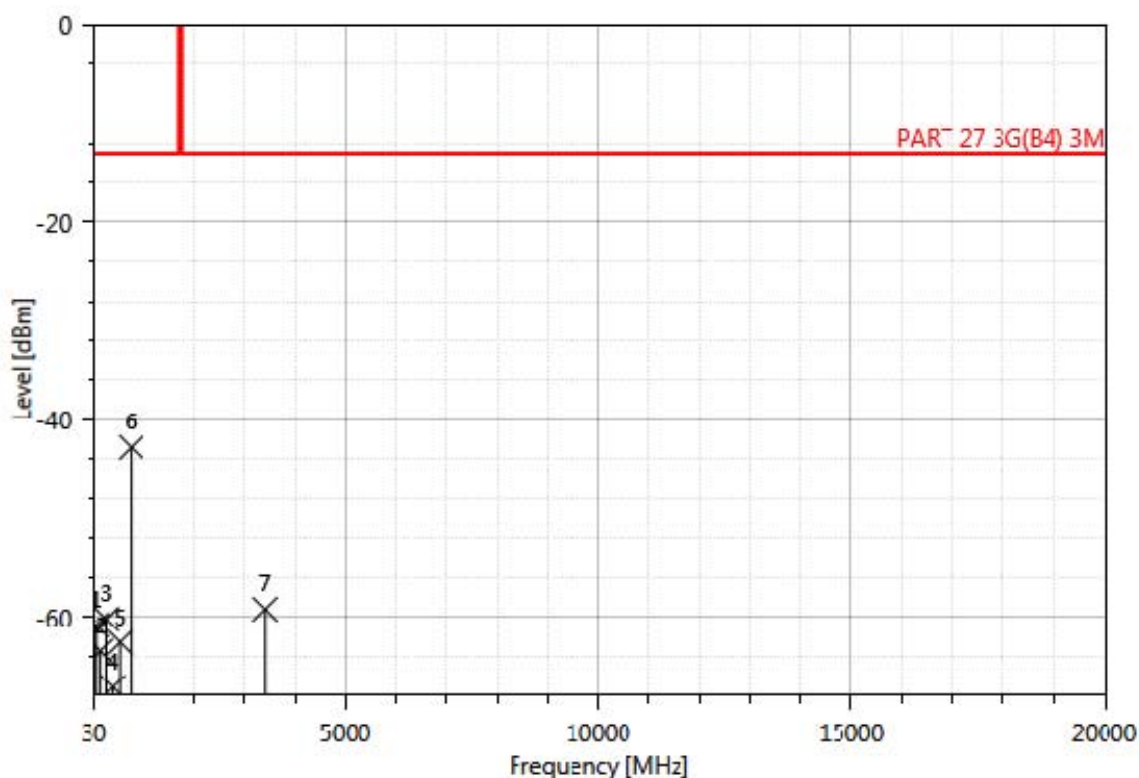
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## Radiated Spurious Emission Measurement Result: HSUPA IV Mode

Operation Mode :	HSUPA B4	Test Date :	04/27/2016 16:46:55
Fundamental Frequency :	1712.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
95.96	S	Peak	-60.80	-60.56	0.99	-1.23	-13.00	-47.80
173.56	S	Peak	-63.42	-63.78	1.89	-1.53	-13.00	-50.42
285.11	S	Peak	-60.20	-63.88	5.58	-1.90	-13.00	-47.20
410.24	S	Peak	-67.08	-70.61	5.93	-2.40	-13.00	-54.08
548.95	S	Peak	-62.54	-65.60	5.74	-2.69	-13.00	-49.54
769.14	S	Peak	-42.78	-45.21	5.39	-2.96	-13.00	-29.78
3424.80	H	Peak	-59.21	-65.25	12.27	-6.23	-13.00	-46.21

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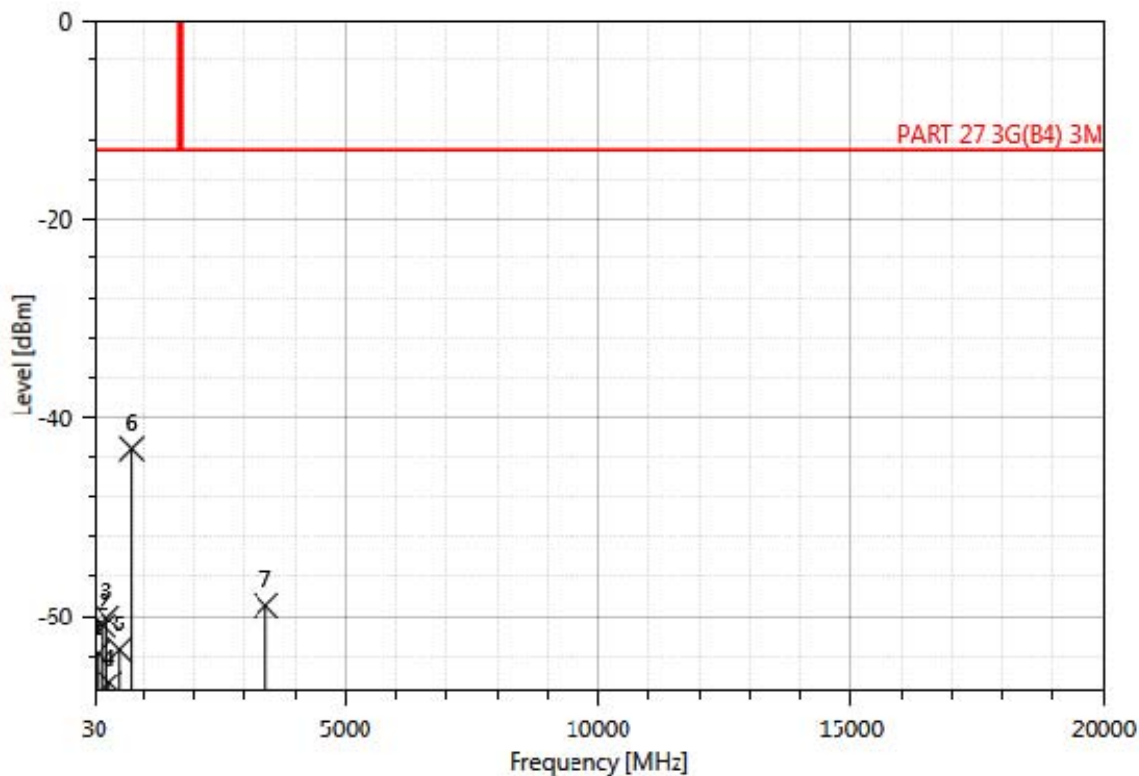
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Operation Mode :	HSUPA B4	Test Date :	04/27/2016 16:47:09
Fundamental Frequency :	1712.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
99.84	S	Peak	-63.77	-63.07	0.55	-1.25	-13.00	-50.77
217.21	S	Peak	-60.99	-64.82	5.53	-1.69	-13.00	-47.99
280.26	S	Peak	-60.16	-63.86	5.57	-1.88	-13.00	-47.16
335.55	S	Peak	-66.76	-70.78	5.95	-1.93	-13.00	-53.76
532.46	S	Peak	-63.38	-66.69	5.83	-2.52	-13.00	-50.38
769.14	S	Peak	-43.12	-45.55	5.39	-2.96	-13.00	-30.12
3424.80	H	Peak	-58.93	-64.97	12.27	-6.23	-13.00	-45.93

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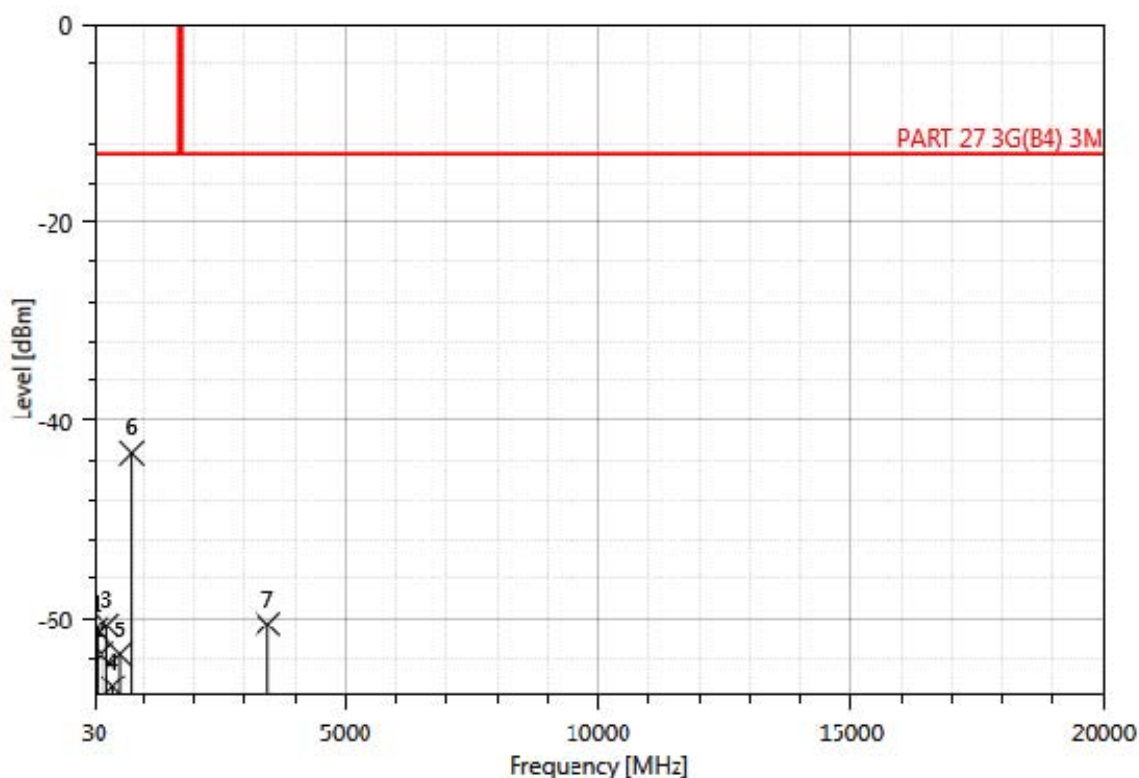
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Operation Mode :	HSUPA B4	Test Date :	04/27/2016 16:47:22
Fundamental Frequency :	1732.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
81.41	S	Peak	-61.03	-59.52	-0.35	-1.17	-13.00	-48.03
172.59	S	Peak	-63.58	-63.77	1.71	-1.53	-13.00	-50.58
280.26	S	Peak	-60.68	-64.38	5.57	-1.88	-13.00	-47.68
400.54	S	Peak	-66.91	-70.49	5.97	-2.38	-13.00	-53.91
542.16	S	Peak	-63.58	-66.73	5.78	-2.62	-13.00	-50.58
769.14	S	Peak	-43.25	-45.69	5.39	-2.96	-13.00	-30.25
3465.20	H	Peak	-60.56	-66.65	12.34	-6.25	-13.00	-47.56

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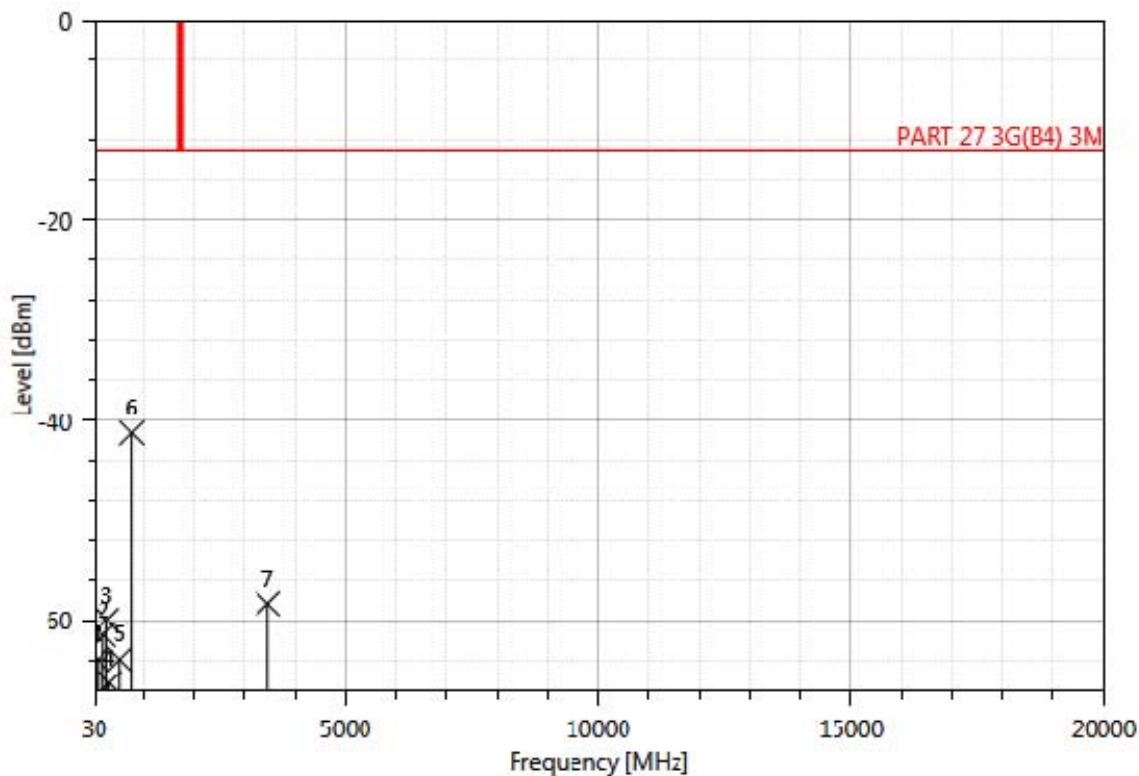
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Operation Mode :	HSUPA B4	Test Date :	04/27/2016 16:47:36
Fundamental Frequency :	1732.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
97.90	S	Peak	-63.91	-63.44	0.77	-1.24	-13.00	-50.91
217.21	S	Peak	-61.46	-65.29	5.53	-1.69	-13.00	-48.46
280.26	S	Peak	-59.99	-63.68	5.57	-1.88	-13.00	-46.99
332.64	S	Peak	-66.29	-70.31	5.93	-1.91	-13.00	-53.29
536.34	S	Peak	-63.93	-67.18	5.81	-2.56	-13.00	-50.93
769.14	S	Peak	-41.27	-43.71	5.39	-2.96	-13.00	-28.27
3465.20	H	Peak	-58.34	-64.44	12.34	-6.25	-13.00	-45.34

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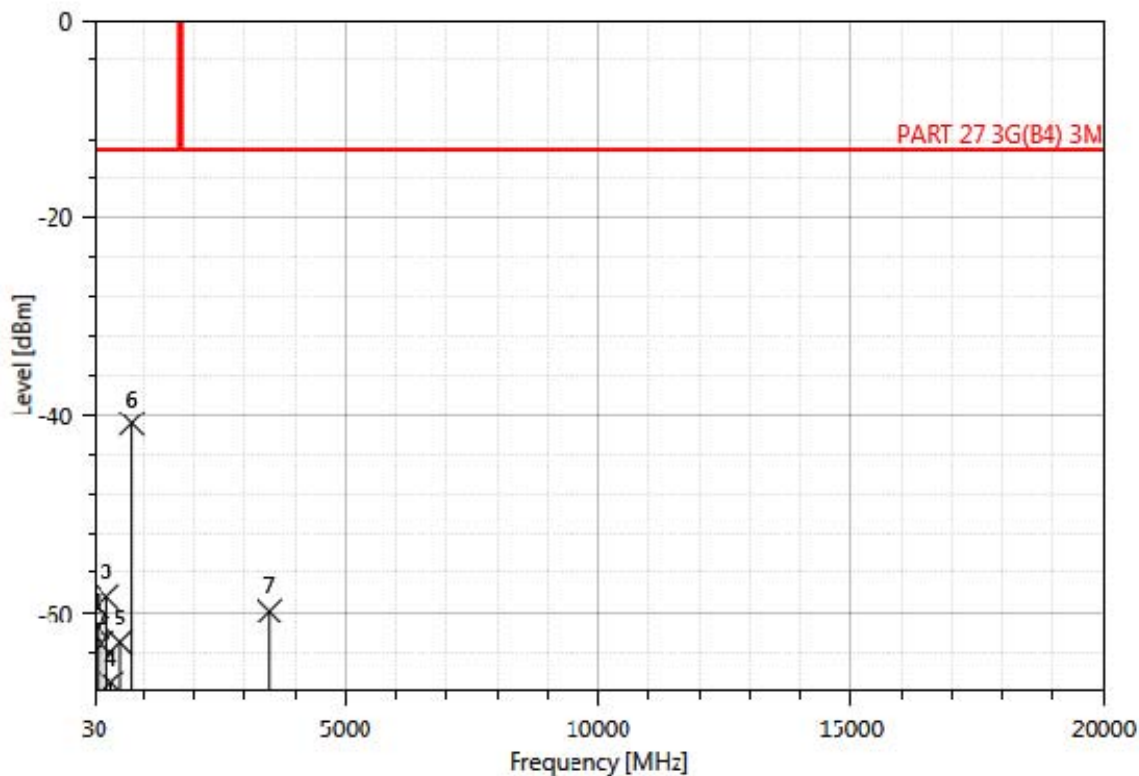
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Operation Mode :	HSUPA B4	Test Date :	04/27/2016 16:47:50
Fundamental Frequency :	1752.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
95.96	S	Peak	-61.52	-61.28	0.99	-1.23	-13.00	-48.52
172.59	S	Peak	-63.13	-63.32	1.71	-1.53	-13.00	-50.13
279.29	S	Peak	-58.40	-62.11	5.58	-1.87	-13.00	-45.40
366.59	S	Peak	-67.13	-70.95	6.00	-2.17	-13.00	-54.13
542.16	S	Peak	-63.02	-66.18	5.78	-2.62	-13.00	-50.02
769.14	S	Peak	-40.83	-43.26	5.39	-2.96	-13.00	-27.83
3505.20	H	Peak	-59.82	-65.76	12.40	-6.47	-13.00	-46.82

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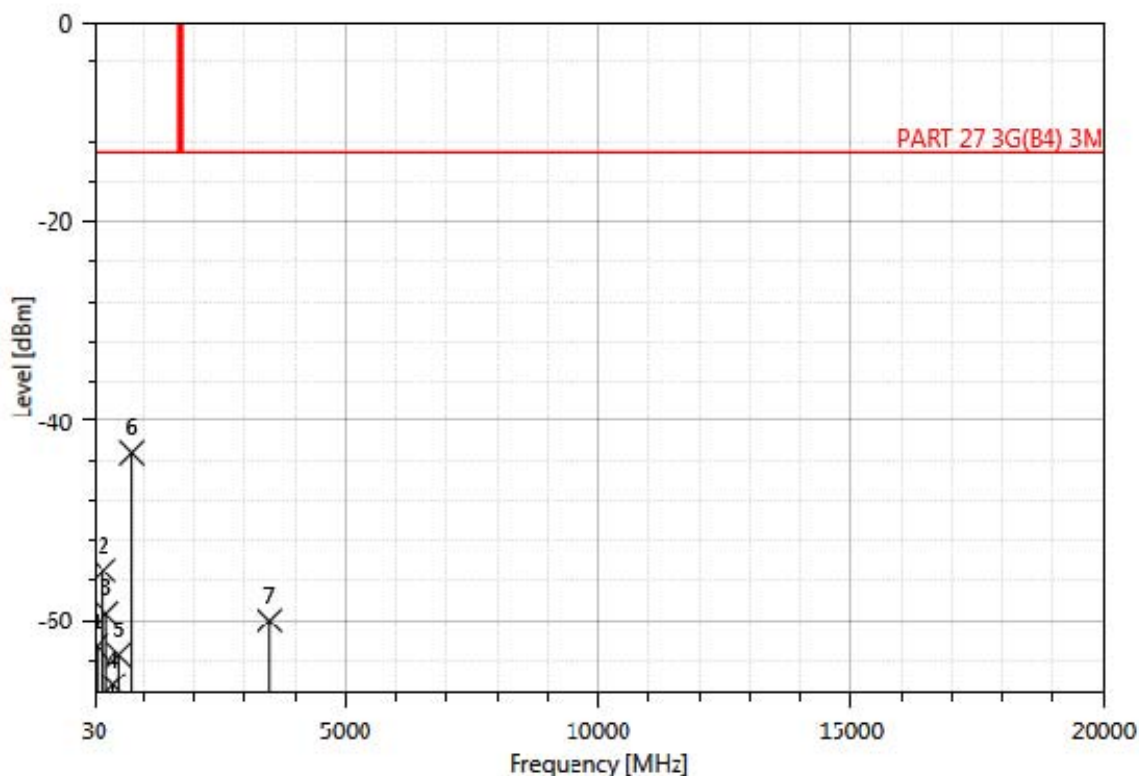
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Operation Mode :	HSUPA B4	Test Date :	04/27/2016 16:48:03
Fundamental Frequency :	1752.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
76.56	S	Peak	-62.59	-59.73	-1.72	-1.14	-13.00	-49.59
214.30	S	Peak	-54.97	-58.88	5.59	-1.68	-13.00	-41.97
270.56	S	Peak	-59.28	-63.10	5.65	-1.83	-13.00	-46.28
406.36	S	Peak	-66.47	-70.00	5.95	-2.42	-13.00	-53.47
519.85	S	Peak	-63.42	-66.93	5.90	-2.39	-13.00	-50.42
769.14	S	Peak	-43.13	-45.56	5.39	-2.96	-13.00	-30.13
3505.20	H	Peak	-60.00	-65.93	12.40	-6.47	-13.00	-47.00

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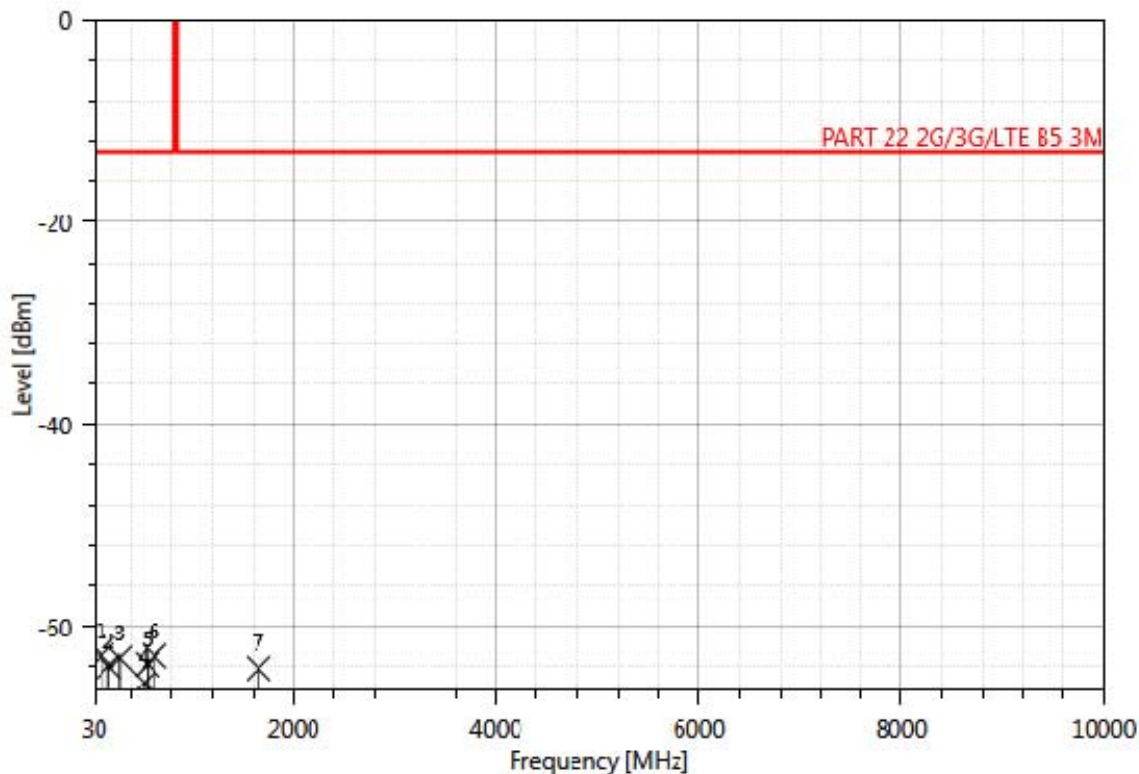
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## Radiated Spurious Emission Measurement Result: WCDMA V Mode

Operation Mode :	WCDMA B5	Test Date :	04/27/2016 16:10:49
Fundamental Frequency :	826.4 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
104.69	S	Peak	-62.90	-59.59	-2.04	-1.27	-13.00	-49.90
172.59	S	Peak	-63.93	-61.96	-0.44	-1.53	-13.00	-50.93
284.14	S	Peak	-63.15	-64.68	3.43	-1.89	-13.00	-50.15
521.79	S	Peak	-65.56	-66.89	3.74	-2.41	-13.00	-52.56
556.71	S	Peak	-63.77	-64.56	3.54	-2.75	-13.00	-50.77
623.64	S	Peak	-62.94	-63.62	3.19	-2.52	-13.00	-49.94
1652.80	H	Peak	-64.15	-67.03	7.12	-4.24	-13.00	-51.15

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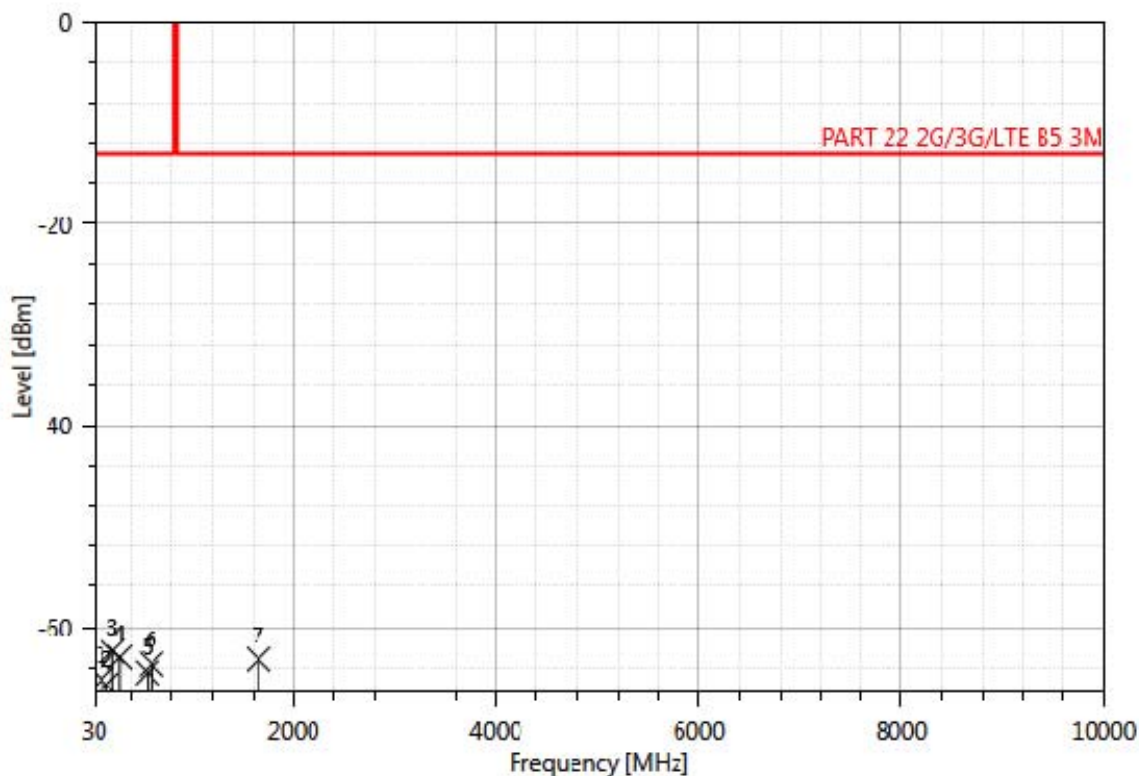
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Operation Mode :	WCDMA B5	Test Date :	04/27/2016 16:10:56
Fundamental Frequency :	826.4 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
102.75	S	Peak	-65.19	-63.93	0.00	-1.26	-13.00	-52.19
153.19	S	Peak	-65.70	-64.25	0.00	-1.44	-13.00	-52.70
211.39	S	Peak	-62.41	-60.74	0.00	-1.68	-13.00	-49.41
285.11	S	Peak	-63.00	-61.10	0.00	-1.90	-13.00	-50.00
555.74	S	Peak	-64.51	-61.76	0.00	-2.75	-13.00	-51.51
595.51	S	Peak	-63.66	-60.90	0.00	-2.77	-13.00	-50.66
1652.80	H	Peak	-63.20	-66.08	7.12	-4.24	-13.00	-50.20

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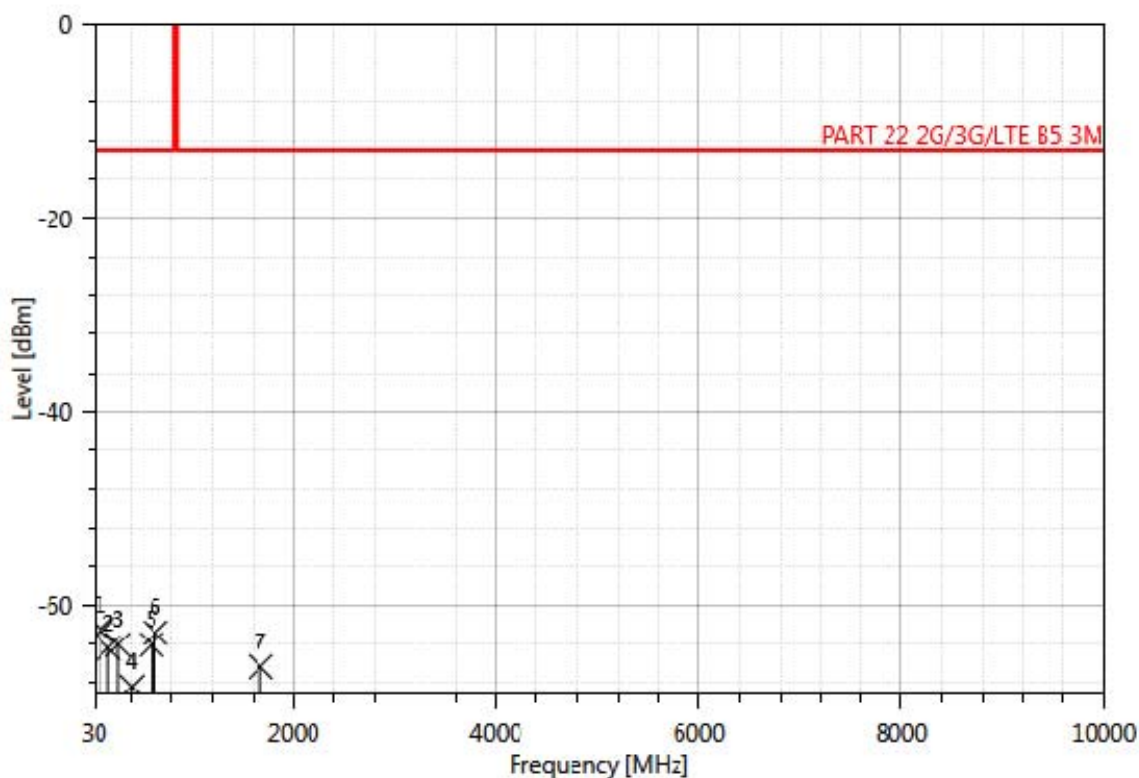
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Operation Mode :	WCDMA B5	Test Date :	04/27/2016 16:11:03
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
93.05	S	Peak	-62.54	-60.51	-0.81	-1.22	-13.00	-49.54
170.65	S	Peak	-64.41	-62.09	-0.79	-1.52	-13.00	-51.41
267.65	S	Peak	-64.08	-65.81	3.55	-1.81	-13.00	-51.08
401.51	S	Peak	-68.40	-69.83	3.82	-2.39	-13.00	-55.40
595.51	S	Peak	-64.07	-64.57	3.27	-2.77	-13.00	-51.07
633.34	S	Peak	-62.87	-63.58	3.17	-2.46	-13.00	-49.87
1673.20	H	Peak	-66.34	-69.25	7.20	-4.29	-13.00	-53.34

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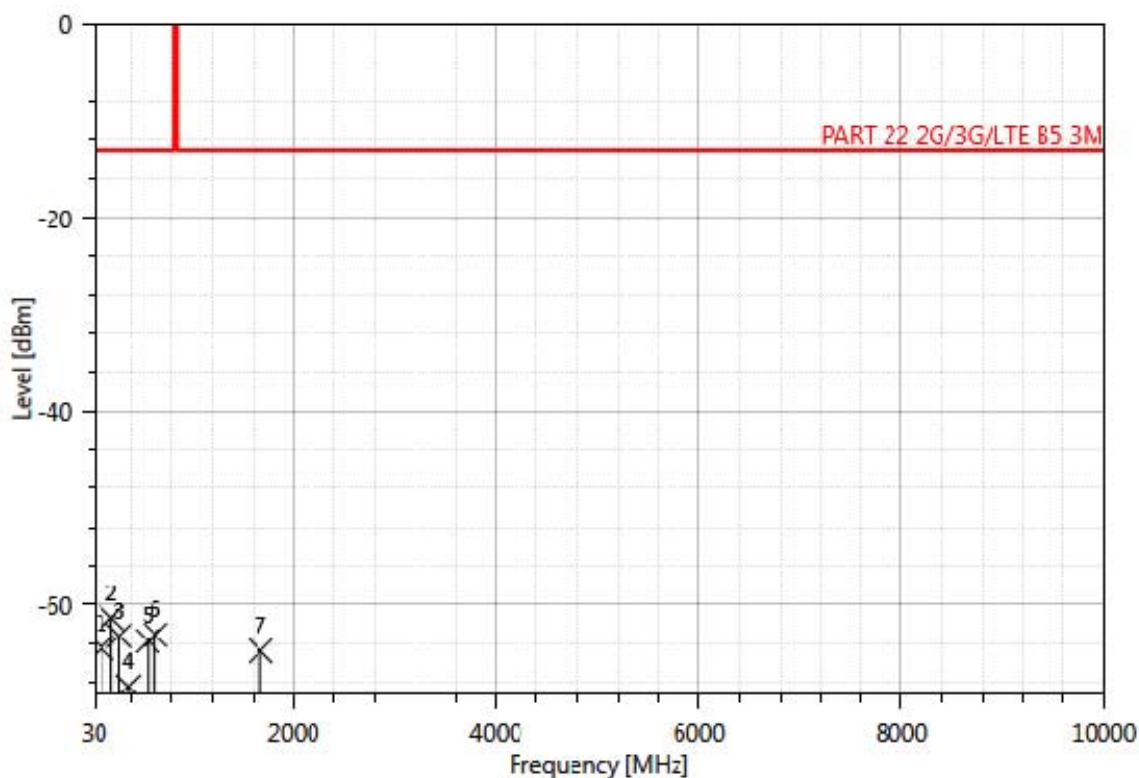
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Operation Mode :	WCDMA B5	Test Date :	04/27/2016 16:11:11
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
102.75	S	Peak	-64.47	-63.21	0.00	-1.26	-13.00	-51.47
199.75	S	Peak	-61.34	-59.71	0.00	-1.63	-13.00	-48.34
277.35	S	Peak	-63.21	-61.35	0.00	-1.86	-13.00	-50.21
367.56	S	Peak	-68.45	-66.26	0.00	-2.18	-13.00	-55.45
558.65	S	Peak	-63.74	-60.98	0.00	-2.76	-13.00	-50.74
634.31	S	Peak	-63.13	-60.67	0.00	-2.45	-13.00	-50.13
1673.20	H	Peak	-64.77	-67.68	7.20	-4.29	-13.00	-51.77

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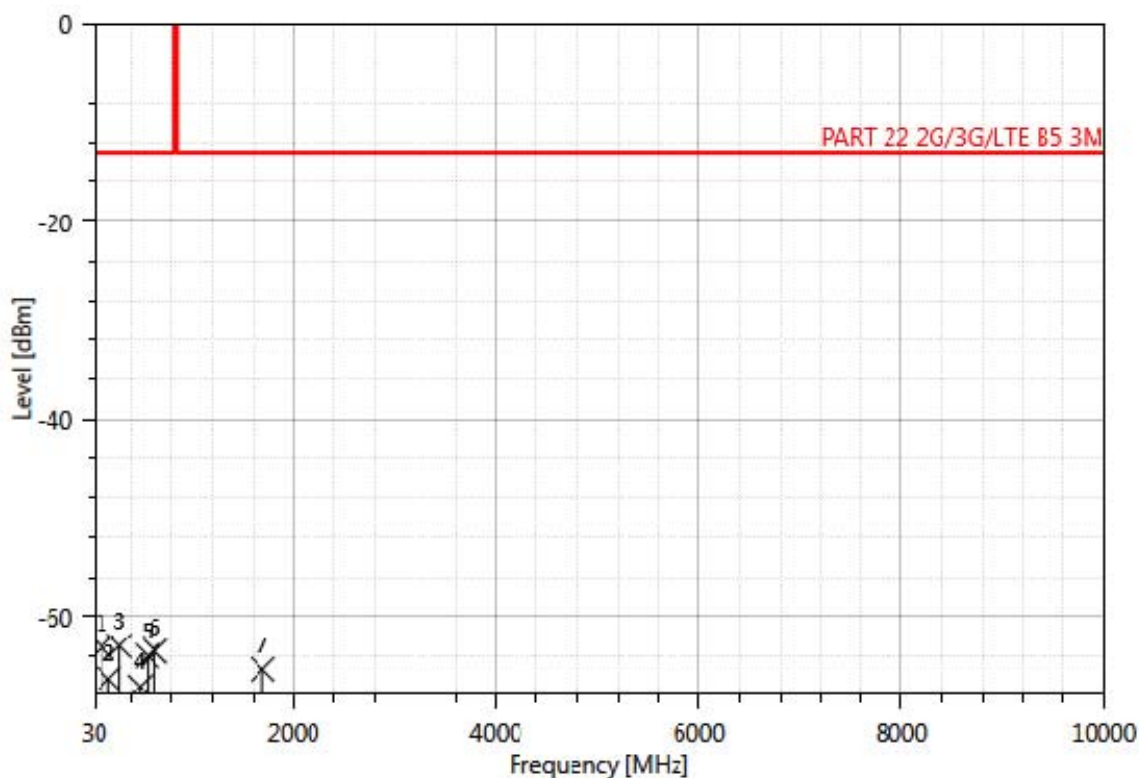
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Operation Mode :	WCDMA B5	Test Date :	04/27/2016 16:11:18
Fundamental Frequency :	846.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
103.72	S	Peak	-63.11	-59.90	-1.95	-1.26	-13.00	-50.11
172.59	S	Peak	-66.30	-64.34	-0.44	-1.53	-13.00	-53.30
279.29	S	Peak	-62.98	-64.53	3.43	-1.87	-13.00	-49.98
479.11	S	Peak	-67.09	-68.62	3.77	-2.24	-13.00	-54.09
555.74	S	Peak	-63.99	-64.79	3.55	-2.75	-13.00	-50.99
631.40	S	Peak	-63.54	-64.25	3.18	-2.46	-13.00	-50.54
1693.20	H	Peak	-65.33	-68.30	7.27	-4.30	-13.00	-52.33

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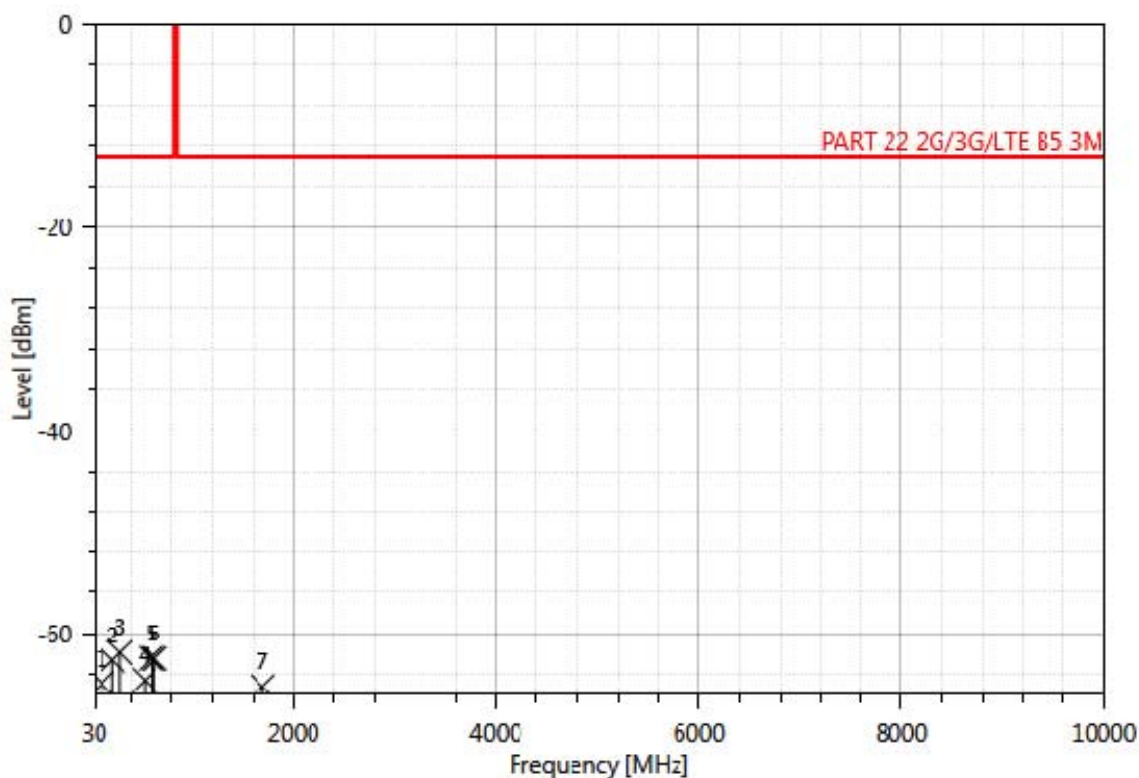
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Operation Mode :	WCDMA B5	Test Date :	04/27/2016 16:11:25
Fundamental Frequency :	846.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
104.69	S	Peak	-64.92	-63.65	0.00	-1.27	-13.00	-51.92
211.39	S	Peak	-62.63	-60.95	0.00	-1.68	-13.00	-49.63
285.11	S	Peak	-61.90	-60.00	0.00	-1.90	-13.00	-48.90
527.61	S	Peak	-64.60	-62.13	0.00	-2.47	-13.00	-51.60
592.60	S	Peak	-62.45	-59.65	0.00	-2.79	-13.00	-49.45
628.49	S	Peak	-62.47	-60.00	0.00	-2.47	-13.00	-49.47
1693.20	H	Peak	-65.23	-68.19	7.27	-4.30	-13.00	-52.23

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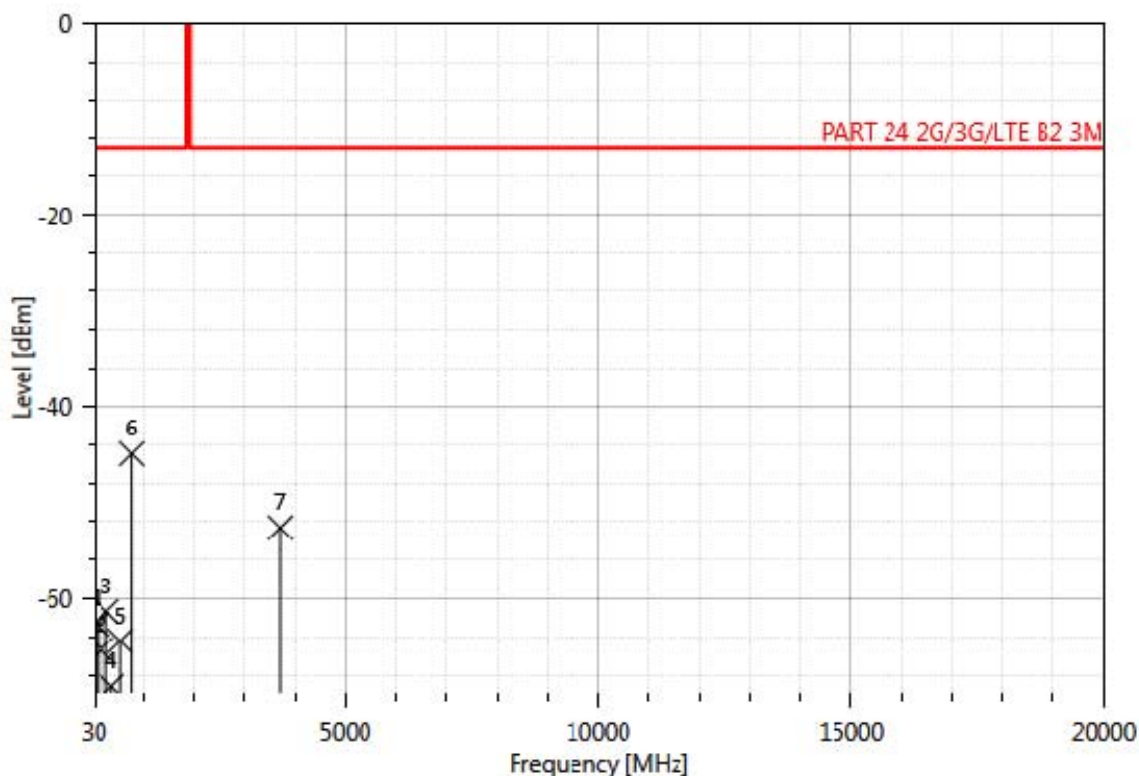
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# Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 2 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B2	Test Date :	04/27/2016 09:52:09
Fundamental Frequency :	1857.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
97.90	S	Peak	-62.70	-62.23	0.77	-1.24	-13.00	-49.70
170.65	S	Peak	-65.34	-65.18	1.36	-1.52	-13.00	-52.34
272.50	S	Peak	-61.40	-65.20	5.64	-1.84	-13.00	-48.40
374.35	S	Peak	-69.12	-72.88	5.99	-2.23	-13.00	-56.12
547.01	S	Peak	-64.45	-67.53	5.75	-2.67	-13.00	-51.45
769.14	S	Peak	-44.90	-47.34	5.39	-2.96	-13.00	-31.90
3715.00	H	Peak	-52.64	-58.50	12.44	-6.58	-13.00	-39.64

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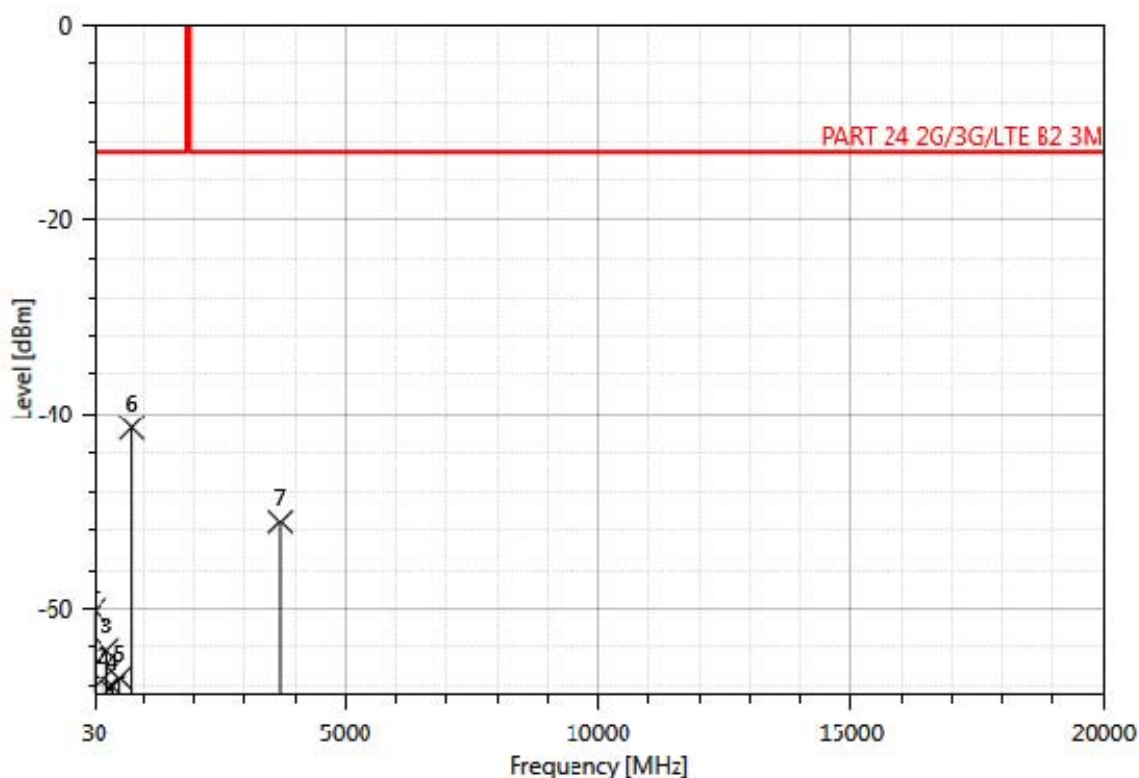
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Operation Mode :	LTE B2	Test Date :	04/27/2016 09:52:22
Fundamental Frequency :	1857.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
36.79	S	Peak	-60.19	-47.93	-11.28	-0.98	-13.00	-47.19
172.59	S	Peak	-67.41	-67.59	1.71	-1.53	-13.00	-54.41
282.20	S	Peak	-64.34	-68.03	5.57	-1.89	-13.00	-51.34
400.54	S	Peak	-68.07	-71.65	5.97	-2.38	-13.00	-55.07
527.61	S	Peak	-67.12	-70.51	5.86	-2.47	-13.00	-54.12
769.14	S	Peak	-41.42	-43.85	5.39	-2.96	-13.00	-28.42
3715.00	H	Peak	-51.09	-56.95	12.44	-6.58	-13.00	-38.09

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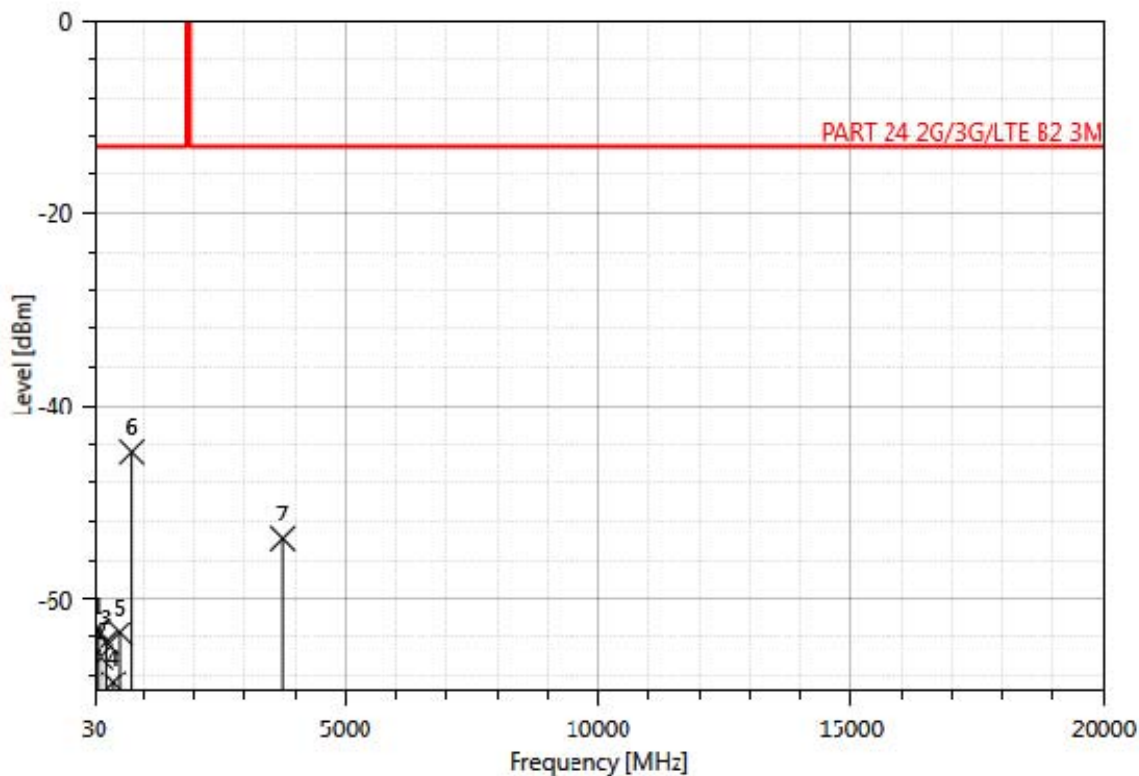
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Operation Mode :	LTE B2	Test Date :	04/27/2016 09:52:36
Fundamental Frequency :	1880.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
95.96	S	Peak	-63.21	-62.97	0.99	-1.23	-13.00	-50.21
172.59	S	Peak	-66.00	-66.18	1.71	-1.53	-13.00	-53.00
280.26	S	Peak	-64.52	-68.22	5.57	-1.88	-13.00	-51.52
418.00	S	Peak	-68.75	-72.31	5.91	-2.35	-13.00	-55.75
544.10	S	Peak	-63.55	-66.68	5.77	-2.64	-13.00	-50.55
769.14	S	Peak	-44.72	-47.16	5.39	-2.96	-13.00	-31.72
3760.00	H	Peak	-53.78	-59.64	12.45	-6.60	-13.00	-40.78

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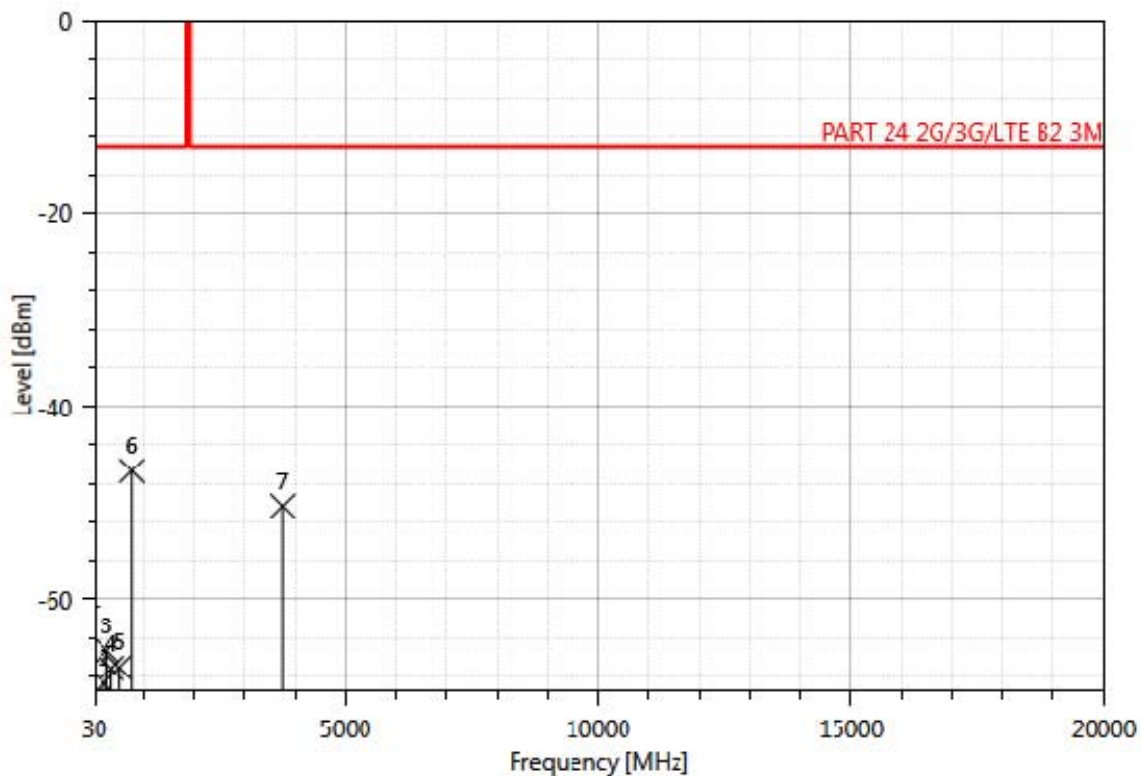
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Operation Mode :	LTE B2	Test Date :	04/27/2016 09:52:50
Fundamental Frequency :	1880.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
30.00	S	Peak	-62.53	-48.94	-12.63	-0.96	-13.00	-49.53
220.12	S	Peak	-68.69	-72.46	5.48	-1.70	-13.00	-55.69
282.20	S	Peak	-65.32	-69.01	5.57	-1.89	-13.00	-52.32
371.44	S	Peak	-67.16	-70.95	5.99	-2.21	-13.00	-54.16
527.61	S	Peak	-67.06	-70.45	5.86	-2.47	-13.00	-54.06
770.11	S	Peak	-46.68	-49.12	5.40	-2.95	-13.00	-33.68
3760.00	H	Peak	-50.31	-56.17	12.45	-6.60	-13.00	-37.31

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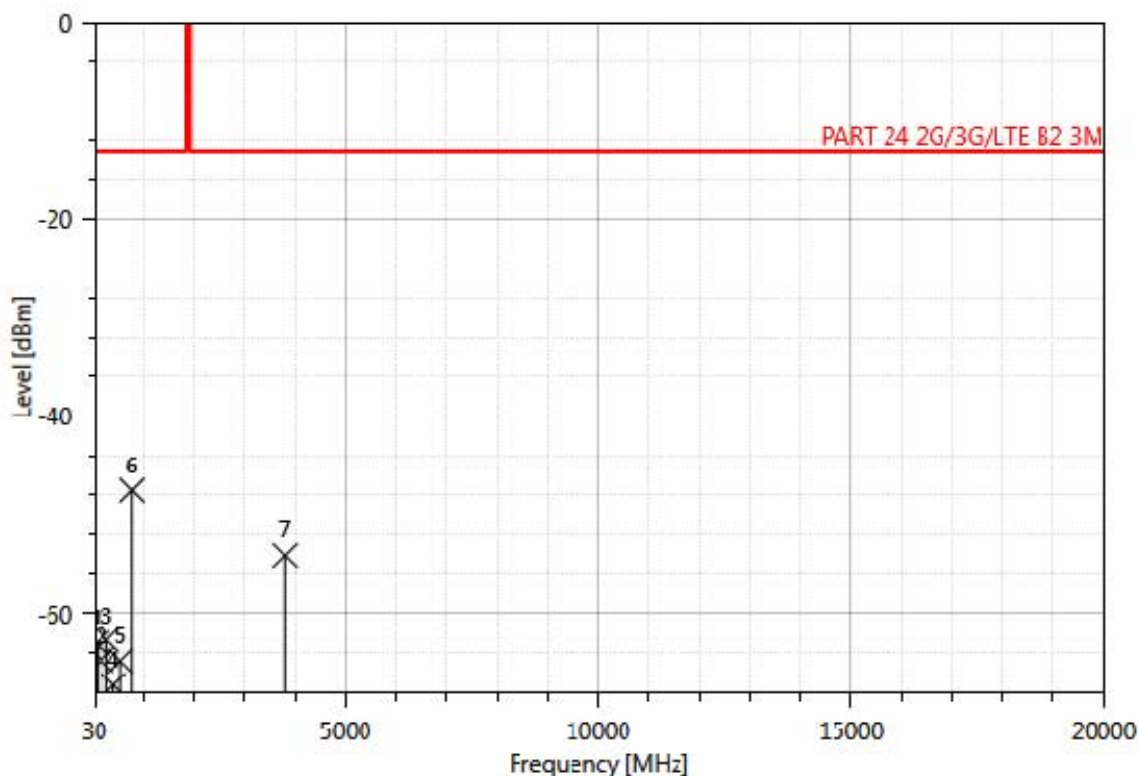
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Operation Mode :	LTE B2	Test Date :	04/27/2016 09:53:03
Fundamental Frequency :	1902.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
93.05	S	Peak	-63.04	-63.16	1.34	-1.22	-13.00	-50.04
170.65	S	Peak	-64.79	-64.63	1.36	-1.52	-13.00	-51.79
279.29	S	Peak	-62.72	-66.43	5.58	-1.87	-13.00	-49.72
411.21	S	Peak	-67.32	-70.85	5.93	-2.39	-13.00	-54.32
547.01	S	Peak	-64.87	-67.95	5.75	-2.67	-13.00	-51.87
773.99	S	Peak	-47.52	-50.00	5.41	-2.93	-13.00	-34.52
3805.00	H	Peak	-54.12	-59.97	12.46	-6.62	-13.00	-41.12

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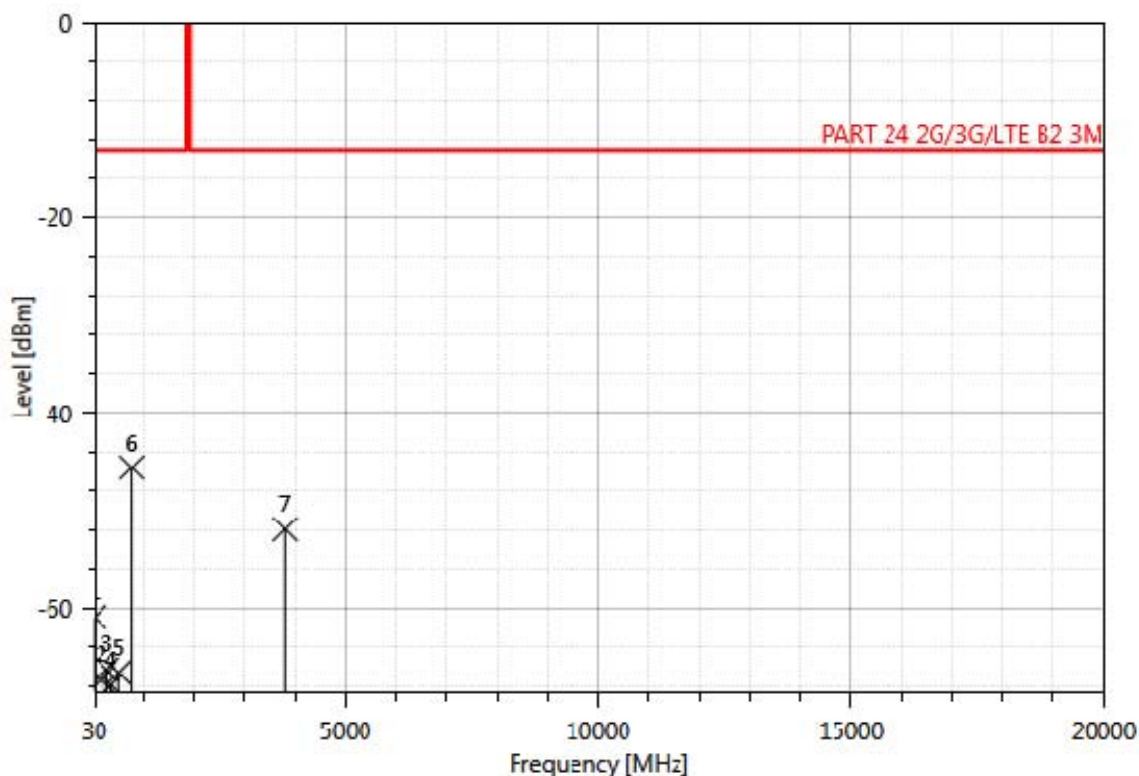
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Operation Mode :	LTE B2	Test Date :	04/27/2016 09:53:17
Fundamental Frequency :	1902.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
34.85	S	Peak	-60.91	-48.42	-11.52	-0.97	-13.00	-47.91
170.65	S	Peak	-67.32	-67.16	1.36	-1.52	-13.00	-54.32
280.26	S	Peak	-66.29	-69.98	5.57	-1.88	-13.00	-53.29
369.50	S	Peak	-67.89	-71.69	6.00	-2.20	-13.00	-54.89
515.00	S	Peak	-66.61	-70.17	5.92	-2.36	-13.00	-53.61
769.14	S	Peak	-45.60	-48.03	5.39	-2.96	-13.00	-32.60
3805.00	H	Peak	-51.93	-57.77	12.46	-6.62	-13.00	-38.93

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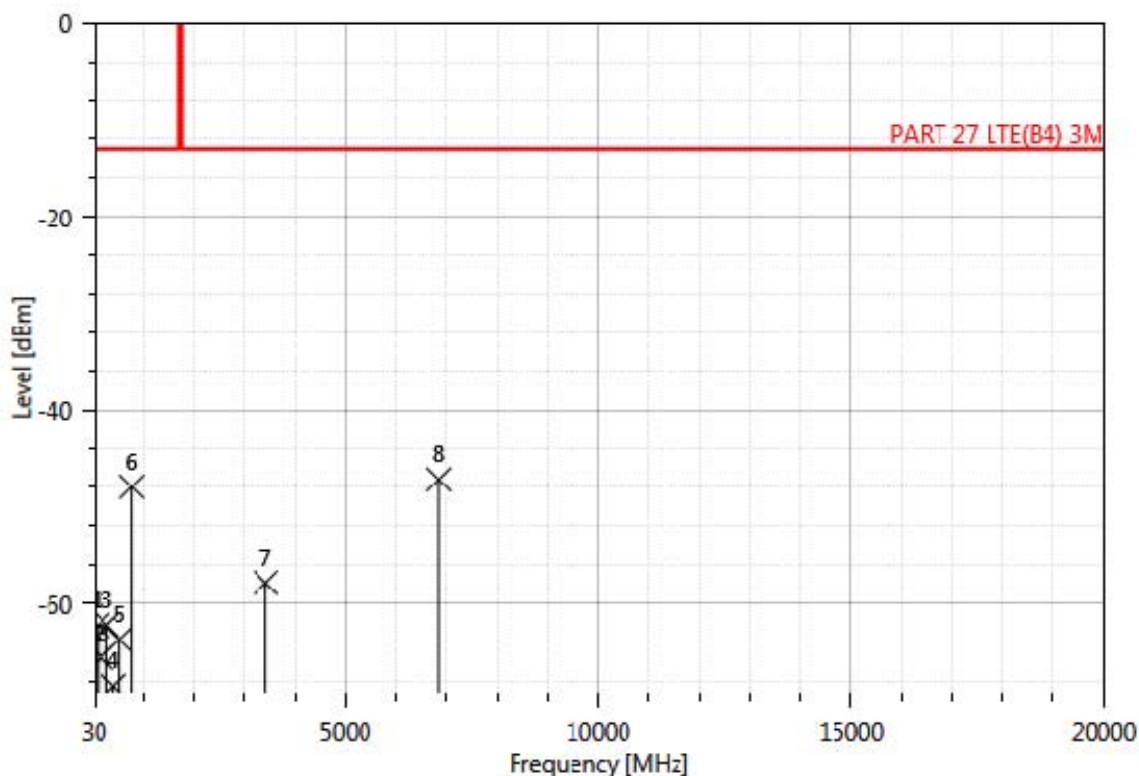
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## Radiated Spurious Emission Measurement Result: 3MHz BW LTE-Band 4 16QAM RB 1 0 (The Worst Case)

Operation Mode :	LTE B4	Test Date :	04/27/2016 10:21:58
Fundamental Frequency :	1711.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
97.90	S	Peak	-62.26	-61.79	0.77	-1.24	-13.00	-49.26
168.71	S	Peak	-65.58	-65.22	1.15	-1.51	-13.00	-52.58
280.26	S	Peak	-62.23	-65.93	5.57	-1.88	-13.00	-49.23
411.21	S	Peak	-68.51	-72.05	5.93	-2.39	-13.00	-55.51
529.55	S	Peak	-63.74	-67.10	5.85	-2.49	-13.00	-50.74
769.14	S	Peak	-47.93	-50.37	5.39	-2.96	-13.00	-34.93
3423.00	H	Peak	-57.86	-63.90	12.27	-6.23	-13.00	-44.86
6846.00	H	Peak	-47.18	-49.67	11.82	-9.33	-13.00	-34.18

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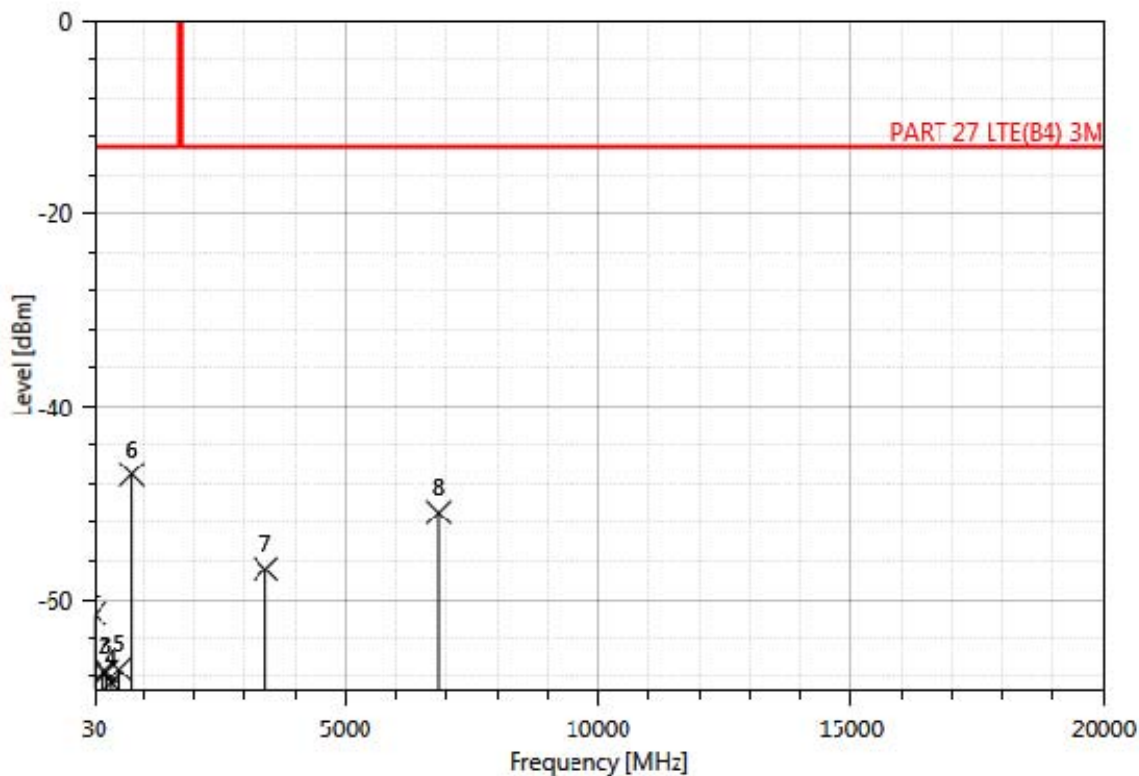
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Operation Mode :	LTE B4	Test Date :	04/27/2016 10:22:12
Fundamental Frequency :	1711.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
36.79	S	Peak	-61.46	-49.20	-11.28	-0.98	-13.00	-48.46
211.39	S	Peak	-67.45	-71.42	5.65	-1.68	-13.00	-54.45
279.29	S	Peak	-67.42	-71.13	5.58	-1.87	-13.00	-54.42
379.20	S	Peak	-68.64	-72.37	5.99	-2.26	-13.00	-55.64
521.79	S	Peak	-67.19	-70.67	5.89	-2.41	-13.00	-54.19
769.14	S	Peak	-47.02	-49.46	5.39	-2.96	-13.00	-34.02
3423.00	H	Peak	-56.82	-62.85	12.27	-6.23	-13.00	-43.82
6846.00	H	Peak	-50.95	-53.44	11.82	-9.33	-13.00	-37.95

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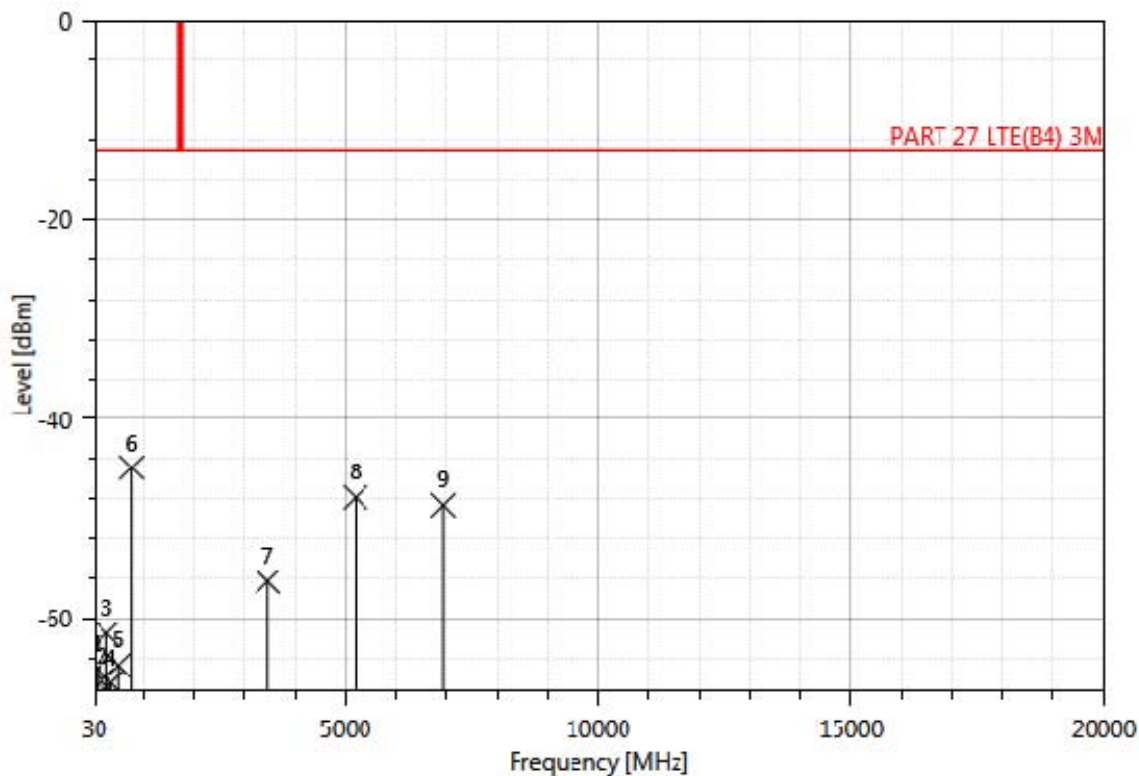
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Operation Mode :	LTE B4	Test Date :	04/27/2016 10:22:26
Fundamental Frequency :	1732.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
95.96	S	Peak	-64.97	-64.73	0.99	-1.23	-13.00	-51.97
180.35	S	Peak	-66.24	-67.77	3.10	-1.56	-13.00	-53.24
282.20	S	Peak	-61.50	-65.18	5.57	-1.89	-13.00	-48.50
361.74	S	Peak	-66.48	-70.35	6.00	-2.14	-13.00	-53.48
513.06	S	Peak	-64.70	-68.29	5.94	-2.35	-13.00	-51.70
769.14	S	Peak	-44.85	-47.28	5.39	-2.96	-13.00	-31.85
3465.00	H	Peak	-56.29	-62.38	12.34	-6.25	-13.00	-43.29
5197.50	H	Peak	-47.82	-52.64	12.78	-7.96	-13.00	-34.82
6930.00	H	Peak	-48.60	-50.93	11.75	-9.42	-13.00	-35.60

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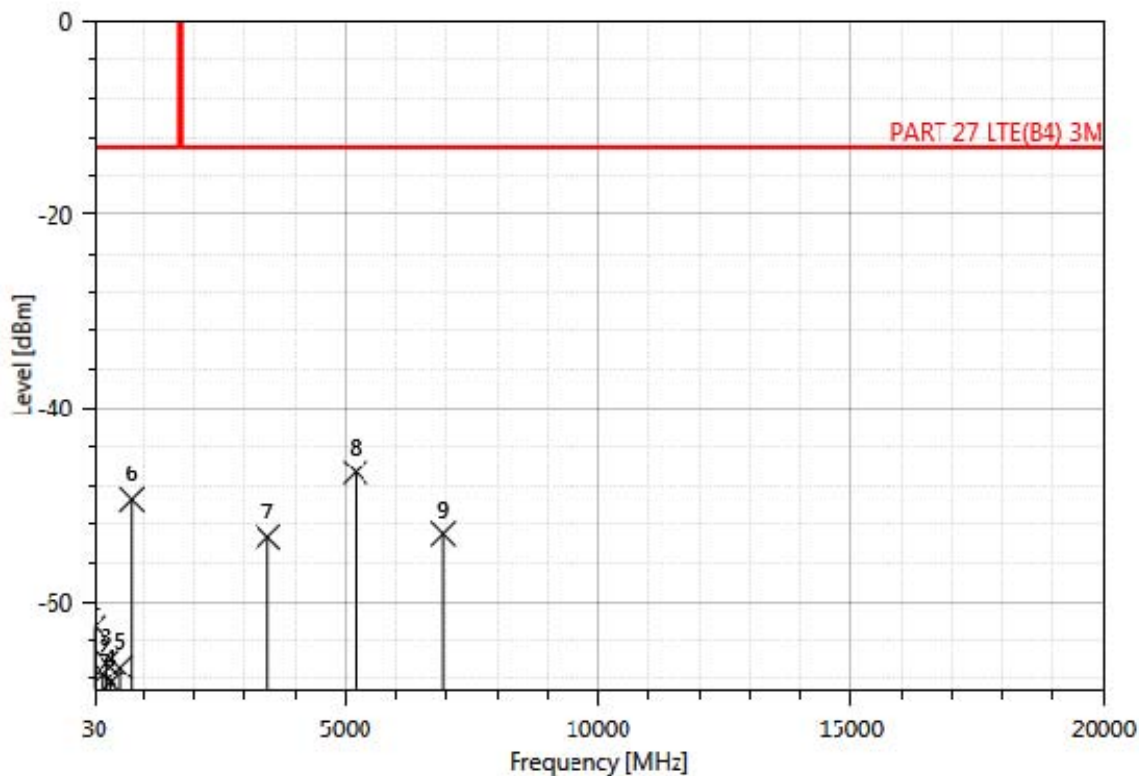
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Operation Mode :	LTE B4	Test Date :	04/27/2016 10:22:39
Fundamental Frequency :	1732.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
31.94	S	Peak	-62.59	-49.46	-12.16	-0.96	-13.00	-49.59
217.21	S	Peak	-67.40	-71.24	5.53	-1.69	-13.00	-54.40
279.29	S	Peak	-66.29	-70.00	5.58	-1.87	-13.00	-53.29
361.74	S	Peak	-68.41	-72.27	6.00	-2.14	-13.00	-55.41
542.16	S	Peak	-66.79	-69.94	5.78	-2.62	-13.00	-53.79
770.11	S	Peak	-49.43	-51.87	5.40	-2.95	-13.00	-36.43
3465.00	H	Peak	-53.37	-59.46	12.34	-6.25	-13.00	-40.37
5197.50	H	Peak	-46.66	-51.48	12.78	-7.96	-13.00	-33.66
6930.00	H	Peak	-53.03	-55.37	11.75	-9.42	-13.00	-40.03

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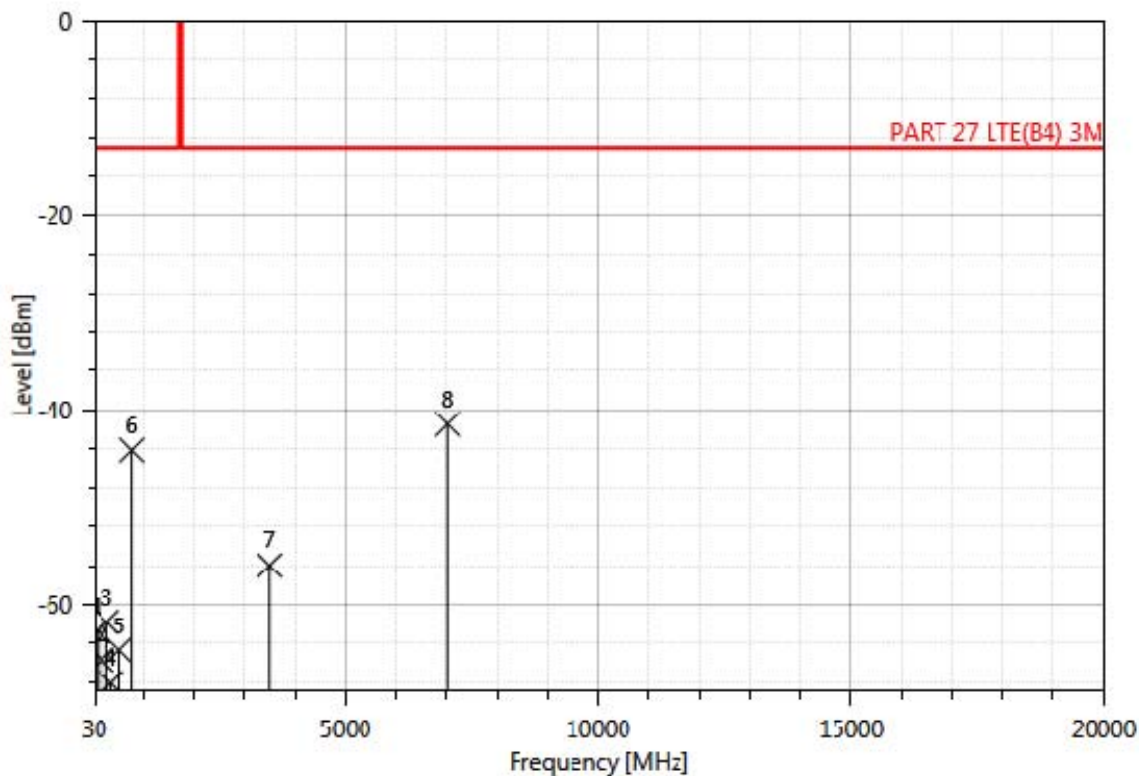
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Operation Mode :	LTE B4	Test Date :	04/27/2016 10:22:53
Fundamental Frequency :	1753.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
95.96	S	Peak	-62.74	-62.50	0.99	-1.23	-13.00	-49.74
173.56	S	Peak	-65.66	-66.02	1.89	-1.53	-13.00	-52.66
279.29	S	Peak	-61.79	-65.49	5.58	-1.87	-13.00	-48.79
362.71	S	Peak	-68.06	-71.92	6.00	-2.15	-13.00	-55.06
521.79	S	Peak	-64.66	-68.14	5.89	-2.41	-13.00	-51.66
769.14	S	Peak	-44.09	-46.52	5.39	-2.96	-13.00	-31.09
3507.00	H	Peak	-55.98	-61.91	12.40	-6.48	-13.00	-42.98
7014.00	H	Peak	-41.45	-43.62	11.68	-9.51	-13.00	-28.45

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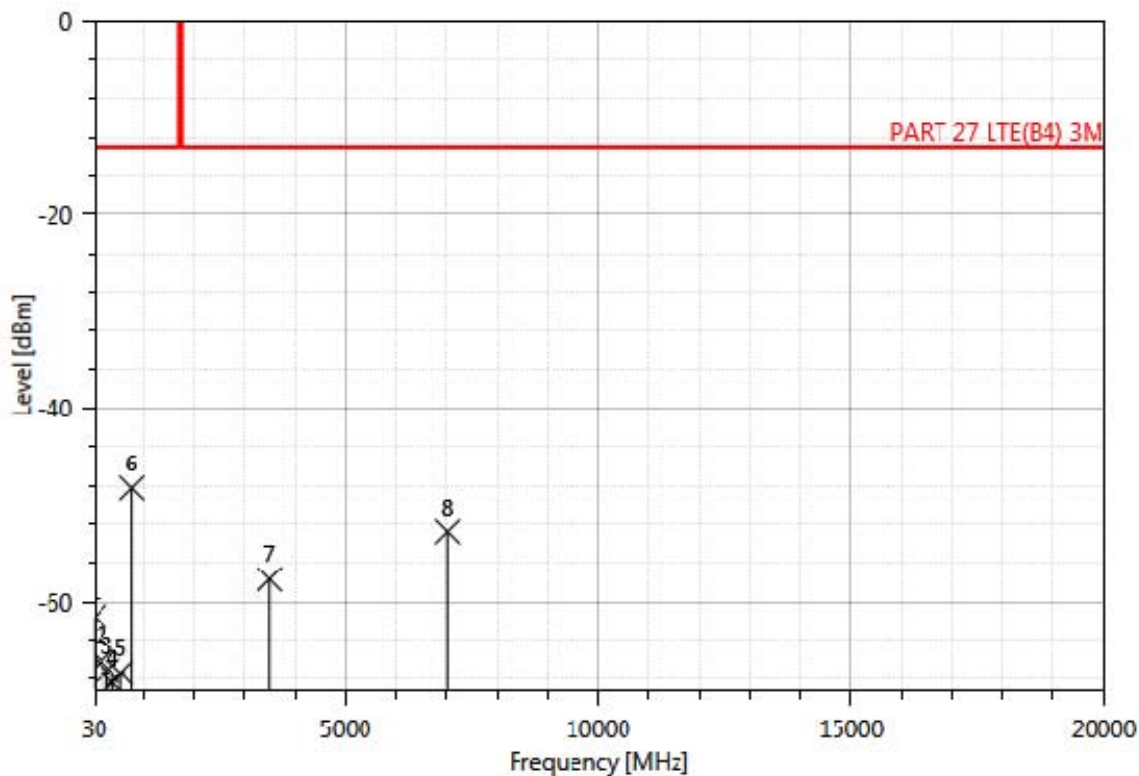
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Operation Mode :	LTE B4	Test Date :	04/27/2016 10:23:07
Fundamental Frequency :	1753.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
36.79	S	Peak	-61.50	-49.24	-11.28	-0.98	-13.00	-48.50
172.59	S	Peak	-66.10	-66.28	1.71	-1.53	-13.00	-53.10
282.20	S	Peak	-67.10	-70.78	5.57	-1.89	-13.00	-54.10
398.60	S	Peak	-68.36	-71.96	5.97	-2.37	-13.00	-55.36
548.95	S	Peak	-67.31	-70.36	5.74	-2.69	-13.00	-54.31
769.14	S	Peak	-48.24	-50.67	5.39	-2.96	-13.00	-35.24
3507.00	H	Peak	-57.65	-63.57	12.40	-6.48	-13.00	-44.65
7014.00	H	Peak	-52.80	-54.97	11.68	-9.51	-13.00	-39.80

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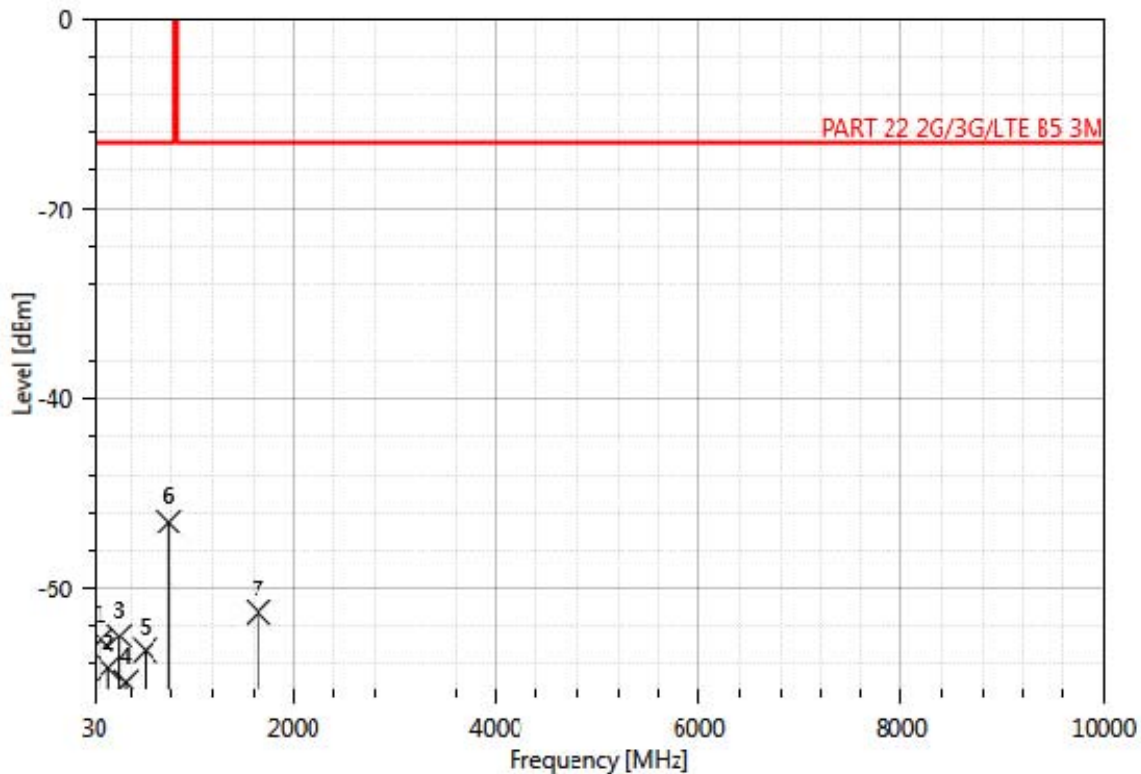
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 5 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B5	Test Date :	04/27/2016 09:31:32
Fundamental Frequency :	825.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
95.96	S	Peak	-65.43	-63.04	-1.16	-1.23	-13.00	-52.43
172.59	S	Peak	-68.39	-66.43	-0.44	-1.53	-13.00	-55.39
280.26	S	Peak	-65.02	-66.57	3.42	-1.88	-13.00	-52.02
345.25	S	Peak	-69.85	-71.68	3.84	-2.01	-13.00	-56.85
534.40	S	Peak	-66.61	-67.74	3.67	-2.54	-13.00	-53.61
769.14	S	Peak	-53.01	-53.29	3.24	-2.96	-13.00	-40.01
1651.00	H	Peak	-62.53	-67.57	9.27	-4.23	-13.00	-49.53

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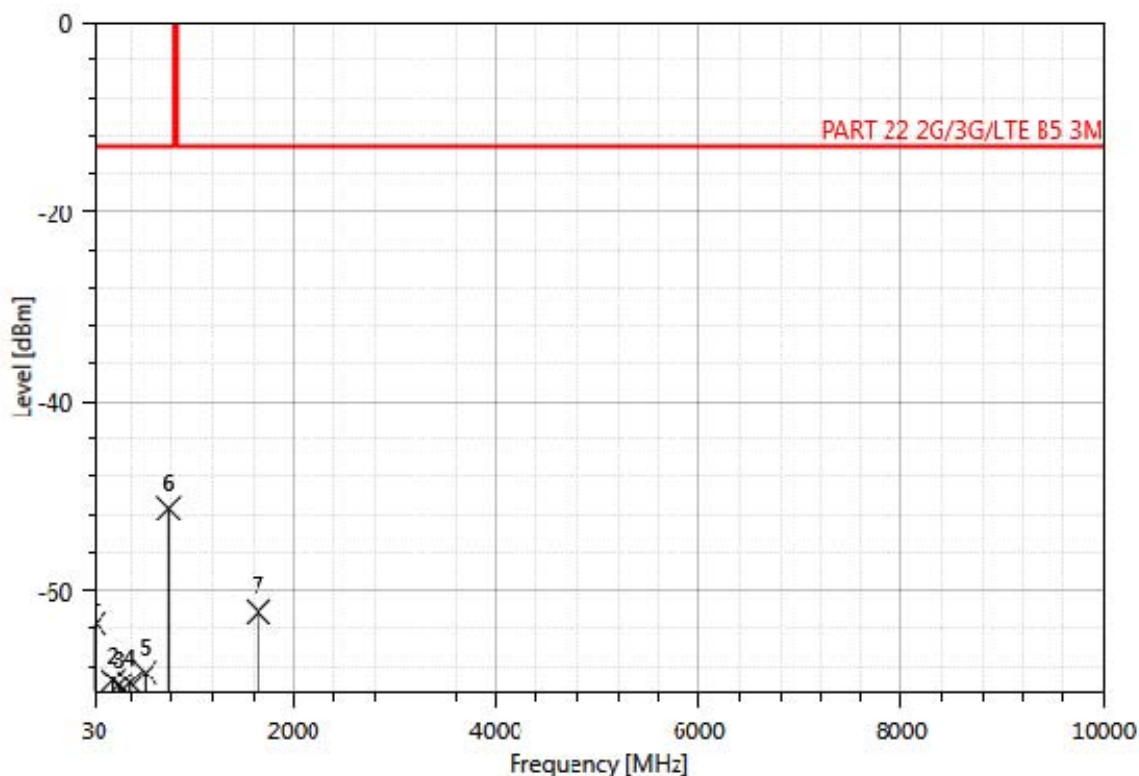
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Operation Mode :	LTE B5	Test Date :	04/27/2016 09:31:40
Fundamental Frequency :	825.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
31.94	S	Peak	-63.46	-48.18	-14.31	-0.96	-13.00	-50.46
219.15	S	Peak	-69.49	-71.13	3.34	-1.70	-13.00	-56.49
279.29	S	Peak	-69.96	-71.52	3.43	-1.87	-13.00	-56.96
381.14	S	Peak	-69.74	-71.31	3.84	-2.27	-13.00	-56.74
532.46	S	Peak	-68.65	-69.80	3.68	-2.52	-13.00	-55.65
769.14	S	Peak	-51.27	-51.55	3.24	-2.96	-13.00	-38.27
1651.00	H	Peak	-62.18	-67.22	9.27	-4.23	-13.00	-49.18

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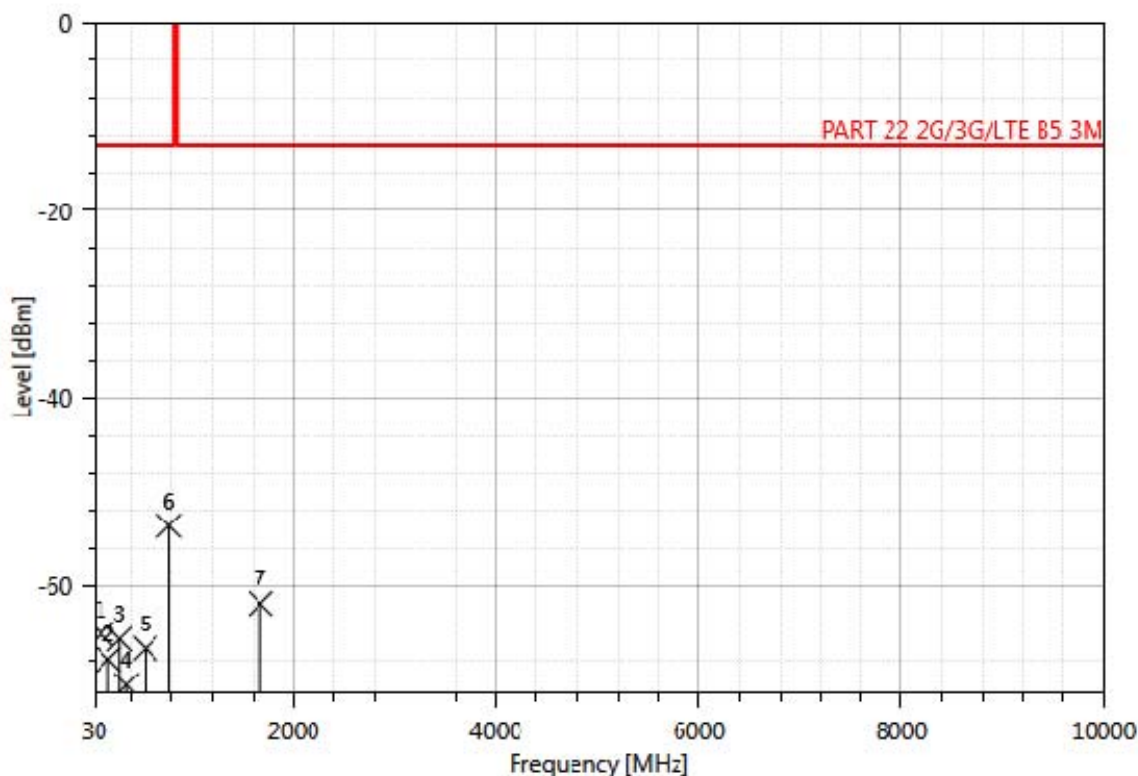
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Operation Mode :	LTE B5	Test Date :	04/27/2016 09:31:47
Fundamental Frequency :	836.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
97.90	S	Peak	-65.08	-62.45	-1.38	-1.24	-13.00	-52.08
170.65	S	Peak	-67.81	-65.49	-0.79	-1.52	-13.00	-54.81
282.20	S	Peak	-65.66	-67.19	3.42	-1.89	-13.00	-52.66
348.16	S	Peak	-70.54	-72.36	3.85	-2.03	-13.00	-57.54
534.40	S	Peak	-66.64	-67.77	3.67	-2.54	-13.00	-53.64
770.11	S	Peak	-53.58	-53.88	3.25	-2.95	-13.00	-40.58
1673.00	H	Peak	-61.87	-66.93	9.35	-4.29	-13.00	-48.87

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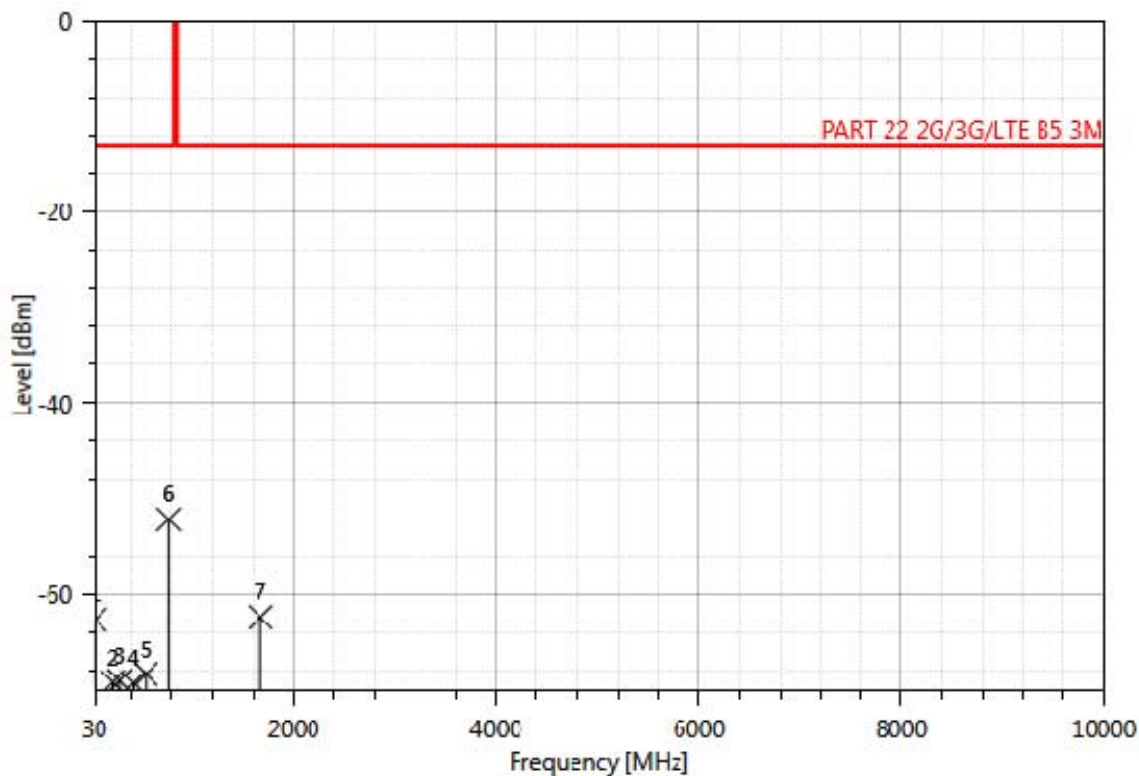
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Operation Mode :	LTE B5	Test Date :	04/27/2016 09:31:54
Fundamental Frequency :	836.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
36.79	S	Peak	-62.67	-48.26	-13.43	-0.98	-13.00	-49.67
217.21	S	Peak	-69.22	-70.91	3.38	-1.69	-13.00	-56.22
284.14	S	Peak	-69.07	-70.60	3.43	-1.89	-13.00	-56.07
415.09	S	Peak	-69.30	-70.70	3.77	-2.37	-13.00	-56.30
539.25	S	Peak	-68.35	-69.41	3.64	-2.59	-13.00	-55.35
769.14	S	Peak	-52.17	-52.46	3.24	-2.96	-13.00	-39.17
1673.00	H	Peak	-62.40	-67.46	9.35	-4.29	-13.00	-49.40

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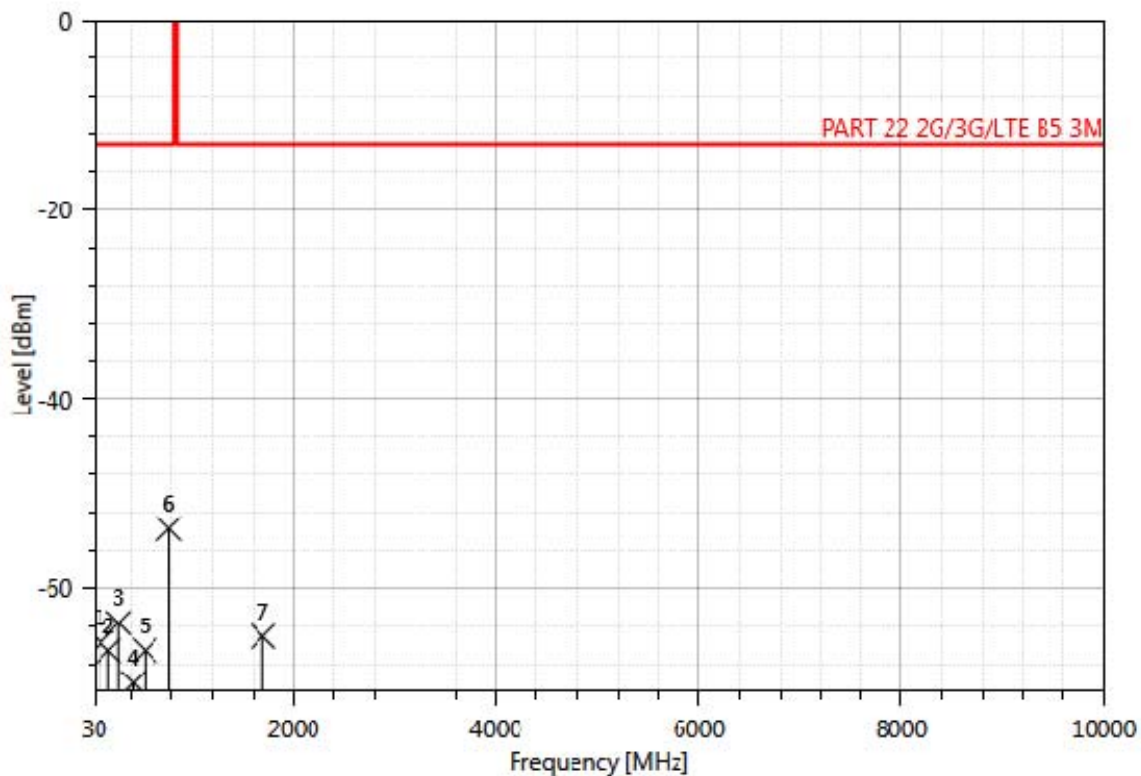
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Operation Mode :	LTE B5	Test Date :	04/27/2016 09:32:02
Fundamental Frequency :	848.3 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
94.99	S	Peak	-65.75	-63.48	-1.04	-1.23	-13.00	-52.75
172.59	S	Peak	-66.57	-64.60	-0.44	-1.53	-13.00	-53.57
272.50	S	Peak	-63.64	-65.29	3.49	-1.84	-13.00	-50.64
416.06	S	Peak	-70.00	-71.40	3.76	-2.36	-13.00	-57.00
531.49	S	Peak	-66.55	-67.72	3.69	-2.51	-13.00	-53.55
770.11	S	Peak	-53.70	-53.99	3.25	-2.95	-13.00	-40.70
1696.60	H	Peak	-65.07	-68.04	7.28	-4.31	-13.00	-52.07

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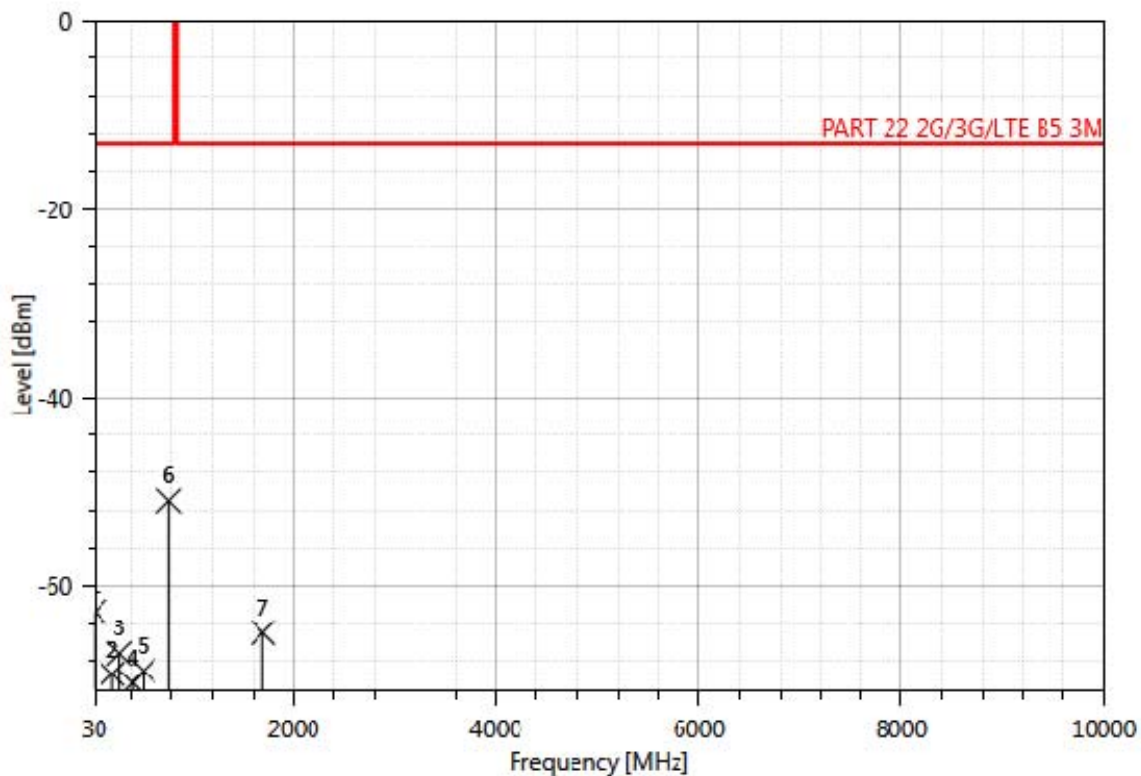
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Operation Mode :	LTE B5	Test Date :	04/27/2016 09:32:09
Fundamental Frequency :	848.3 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
34.85	S	Peak	-62.73	-48.08	-13.67	-0.97	-13.00	-49.73
209.45	S	Peak	-69.34	-71.17	3.50	-1.67	-13.00	-56.34
280.26	S	Peak	-67.16	-68.71	3.42	-1.88	-13.00	-54.16
408.30	S	Peak	-70.31	-71.68	3.79	-2.41	-13.00	-57.31
513.06	S	Peak	-68.98	-70.41	3.79	-2.35	-13.00	-55.98
769.14	S	Peak	-50.94	-51.22	3.24	-2.96	-13.00	-37.94
1696.60	H	Peak	-64.96	-67.94	7.28	-4.31	-13.00	-51.96

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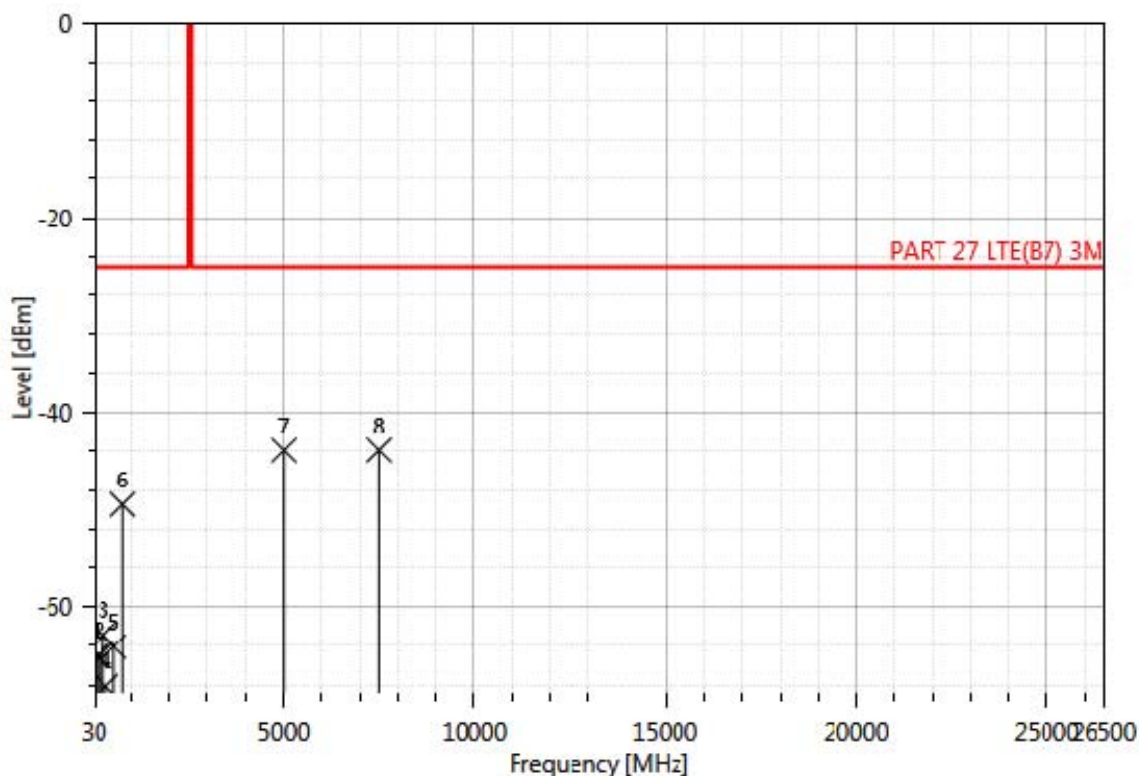
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 7 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B7	Test Date :	04/27/2016 10:42:25
Fundamental Frequency :	2502.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
94.99	S	Peak	-65.04	-64.92	1.11	-1.23	-25.00	-40.04
172.59	S	Peak	-65.05	-65.23	1.71	-1.53	-25.00	-40.05
279.29	S	Peak	-62.87	-66.58	5.58	-1.87	-25.00	-37.87
340.40	S	Peak	-68.09	-72.09	5.97	-1.97	-25.00	-43.09
546.04	S	Peak	-64.09	-67.18	5.76	-2.66	-25.00	-39.09
774.96	S	Peak	-49.46	-51.95	5.41	-2.92	-25.00	-24.46
5005.00	H	Peak	-43.92	-48.81	12.70	-7.81	-25.00	-18.92
7507.50	H	Peak	-43.90	-45.10	11.00	-9.81	-25.00	-18.90

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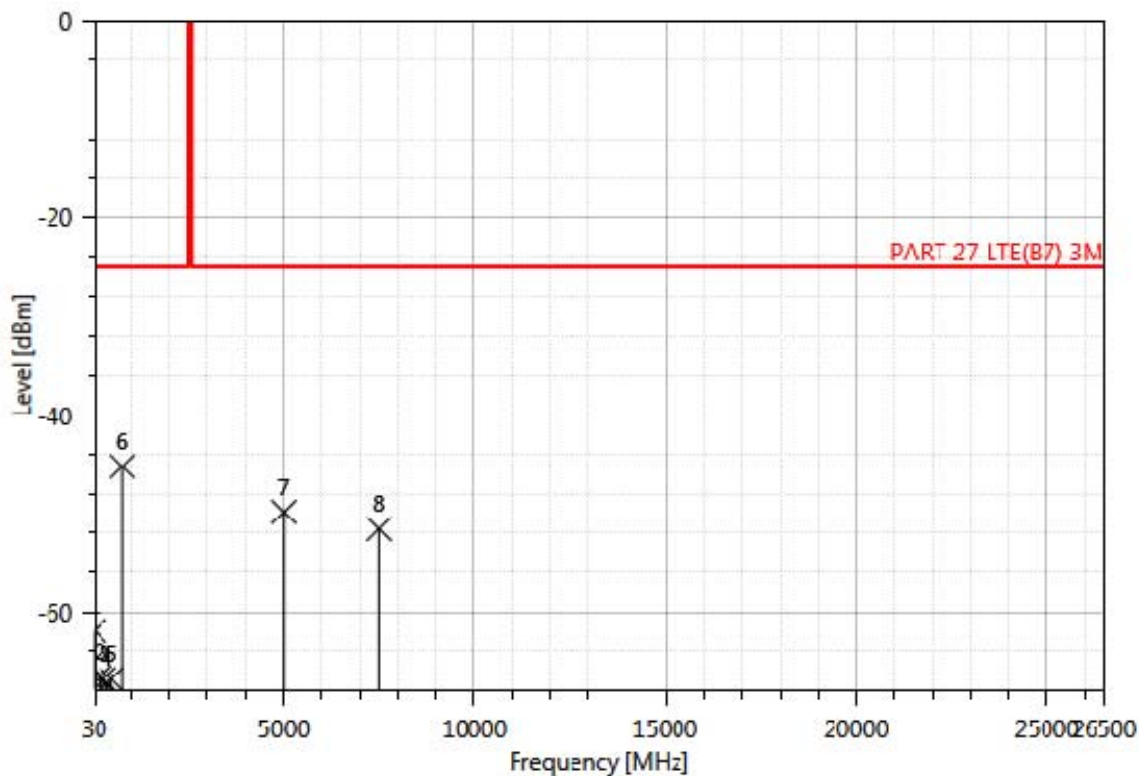
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Operation Mode :	LTE B7	Test Date :	04/27/2016 10:42:39
Fundamental Frequency :	2502.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
36.79	S	Peak	-61.90	-49.64	-11.28	-0.98	-25.00	-36.90
168.71	S	Peak	-66.64	-66.27	1.15	-1.51	-25.00	-41.64
282.20	S	Peak	-66.79	-70.48	5.57	-1.89	-25.00	-41.79
369.50	S	Peak	-67.20	-70.99	6.00	-2.20	-25.00	-42.20
483.96	S	Peak	-66.81	-70.50	5.94	-2.25	-25.00	-41.81
769.14	S	Peak	-45.22	-47.66	5.39	-2.96	-25.00	-20.22
5005.00	H	Peak	-49.83	-54.72	12.70	-7.81	-25.00	-24.83
7507.50	H	Peak	-51.57	-52.76	11.00	-9.81	-25.00	-26.57

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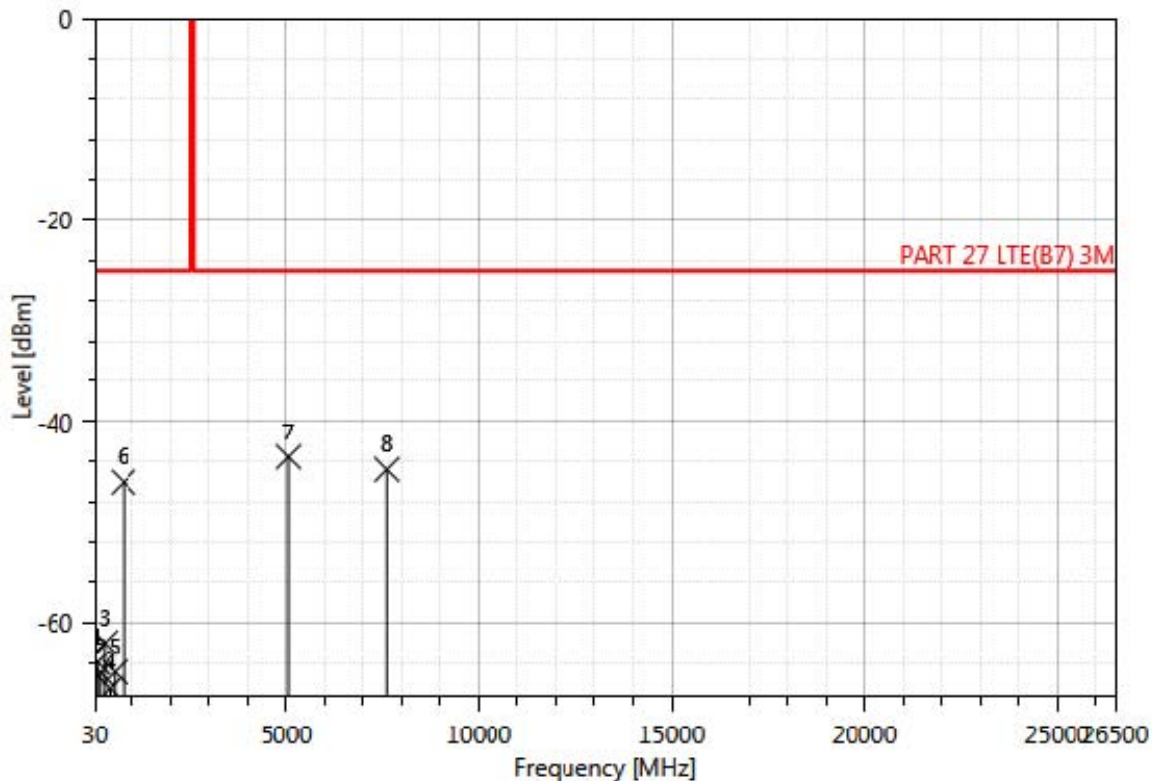
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Operation Mode :	LTE B7	Test Date :	04/27/2016 10:42:52
Fundamental Frequency :	2535.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
95.96	S	Peak	-63.97	-63.73	0.99	-1.23	-25.00	-38.97
172.59	S	Peak	-64.99	-65.17	1.71	-1.53	-25.00	-39.99
287.05	S	Peak	-61.99	-65.66	5.58	-1.91	-25.00	-36.99
419.94	S	Peak	-66.54	-70.10	5.90	-2.33	-25.00	-41.54
541.19	S	Peak	-64.92	-68.10	5.78	-2.61	-25.00	-39.92
769.14	S	Peak	-46.01	-48.45	5.39	-2.96	-25.00	-21.01
5070.00	H	Peak	-43.54	-48.41	12.73	-7.86	-25.00	-18.54
7605.00	H	Peak	-44.77	-45.90	11.02	-9.89	-25.00	-19.77

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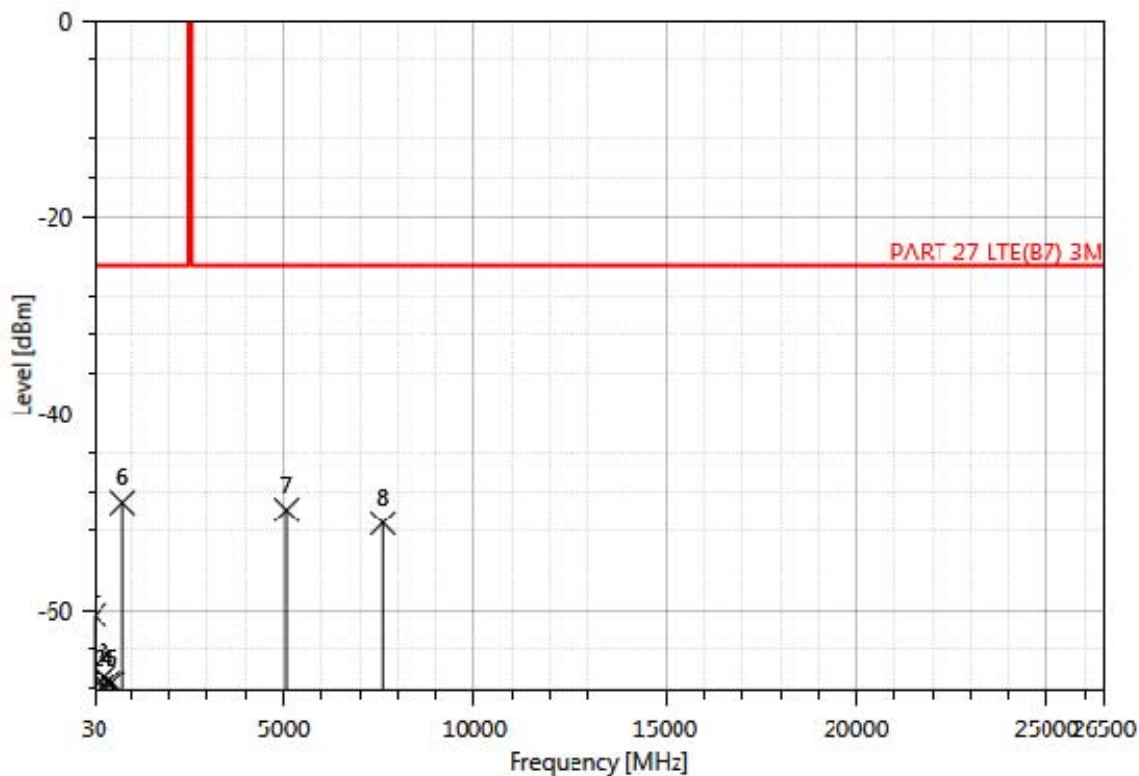
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Operation Mode :	LTE B7	Test Date :	04/27/2016 10:43:06
Fundamental Frequency :	2535.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
34.85	S	Peak	-60.50	-48.01	-11.52	-0.97	-25.00	-35.50
170.65	S	Peak	-67.32	-67.16	1.36	-1.52	-25.00	-42.32
280.26	S	Peak	-66.81	-70.51	5.57	-1.88	-25.00	-41.81
384.05	S	Peak	-67.40	-71.10	5.98	-2.29	-25.00	-42.40
505.30	S	Peak	-67.45	-71.10	5.98	-2.33	-25.00	-42.45
769.14	S	Peak	-49.06	-51.49	5.39	-2.96	-25.00	-24.06
5070.00	H	Peak	-49.80	-54.67	12.73	-7.86	-25.00	-24.80
7605.00	H	Peak	-51.16	-52.29	11.02	-9.89	-25.00	-26.16

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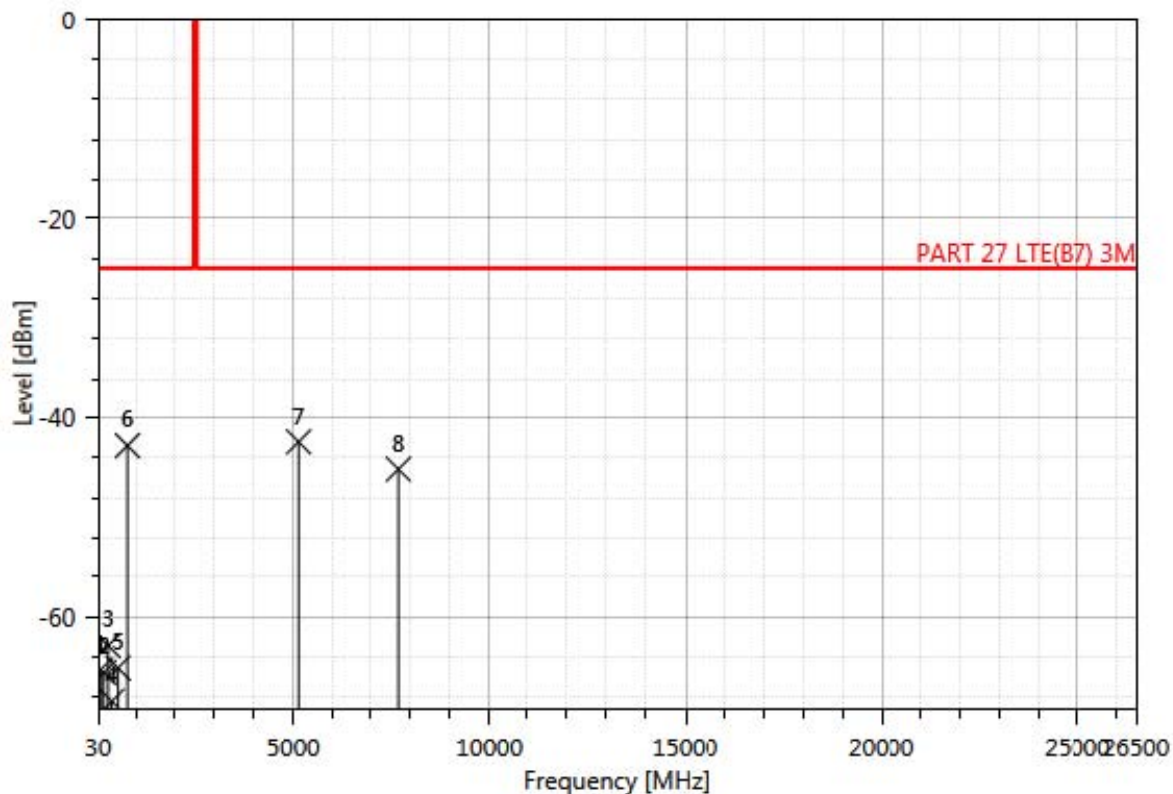
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Operation Mode :	LTE B7	Test Date :	04/27/2016 10:43:20
Fundamental Frequency :	2567.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
93.05	S	Peak	-65.26	-65.38	1.34	-1.22	-25.00	-40.26
173.56	S	Peak	-65.55	-65.90	1.89	-1.53	-25.00	-40.55
284.14	S	Peak	-62.88	-66.56	5.58	-1.89	-25.00	-37.88
377.26	S	Peak	-68.40	-72.14	5.99	-2.24	-25.00	-43.40
532.46	S	Peak	-65.10	-68.41	5.83	-2.52	-25.00	-40.10
769.14	S	Peak	-42.82	-45.25	5.39	-2.96	-25.00	-17.82
5135.00	H	Peak	-42.43	-47.26	12.76	-7.92	-25.00	-17.43
7702.50	H	Peak	-45.15	-46.19	11.04	-10.00	-25.00	-20.15

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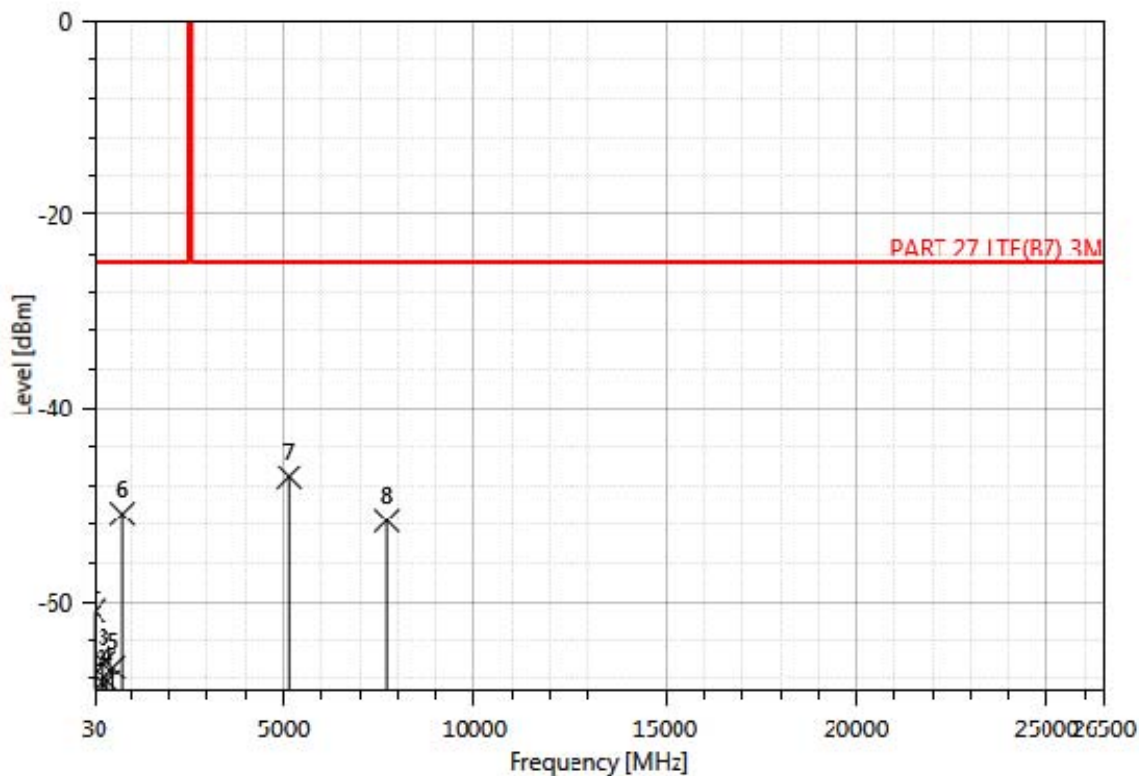
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Operation Mode :	LTE B7	Test Date :	04/27/2016 10:43:34
Fundamental Frequency :	2567.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
36.79	S	Peak	-60.88	-48.62	-11.28	-0.98	-25.00	-35.88
216.24	S	Peak	-68.36	-72.22	5.55	-1.69	-25.00	-43.36
279.29	S	Peak	-66.26	-69.97	5.58	-1.87	-25.00	-41.26
381.14	S	Peak	-68.19	-71.91	5.99	-2.27	-25.00	-43.19
522.76	S	Peak	-66.74	-70.20	5.88	-2.42	-25.00	-41.74
769.14	S	Peak	-50.89	-53.33	5.39	-2.96	-25.00	-25.89
5135.00	H	Peak	-47.11	-51.94	12.76	-7.92	-25.00	-22.11
7702.50	H	Peak	-51.58	-52.62	11.04	-10.00	-25.00	-26.58

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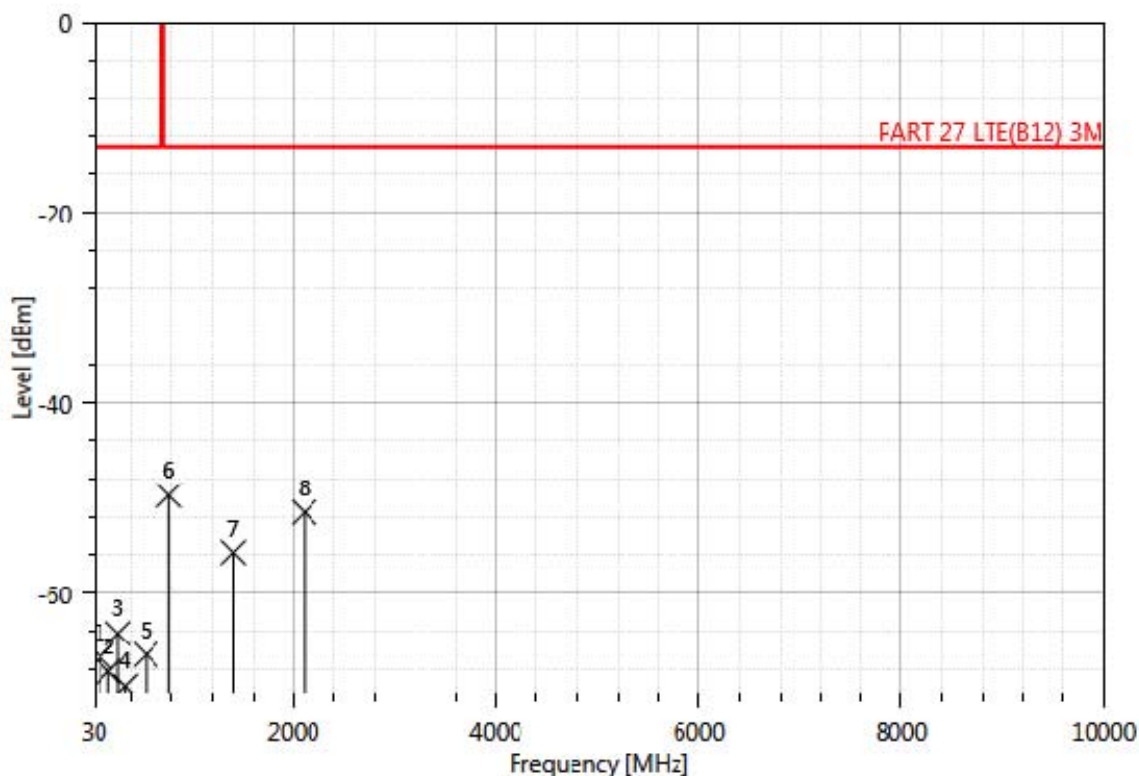
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 12 16QAM RB 1 24 (The Worst Case)

Operation Mode :	LTE B12	Test Date :	04/27/2016 11:44:27
Fundamental Frequency :	701.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
91.11	S	Peak	-66.70	-64.92	-0.57	-1.21	-13.00	-53.70
173.56	S	Peak	-68.16	-66.36	-0.26	-1.53	-13.00	-55.16
265.71	S	Peak	-64.21	-65.98	3.58	-1.80	-13.00	-51.21
337.49	S	Peak	-69.70	-71.56	3.80	-1.95	-13.00	-56.70
541.19	S	Peak	-66.44	-67.46	3.63	-2.61	-13.00	-53.44
769.14	S	Peak	-49.67	-49.96	3.24	-2.96	-13.00	-36.67
1403.00	H	Peak	-55.75	-60.14	8.29	-3.90	-13.00	-42.75
2104.50	H	Peak	-51.44	-57.15	10.51	-4.80	-13.00	-38.44

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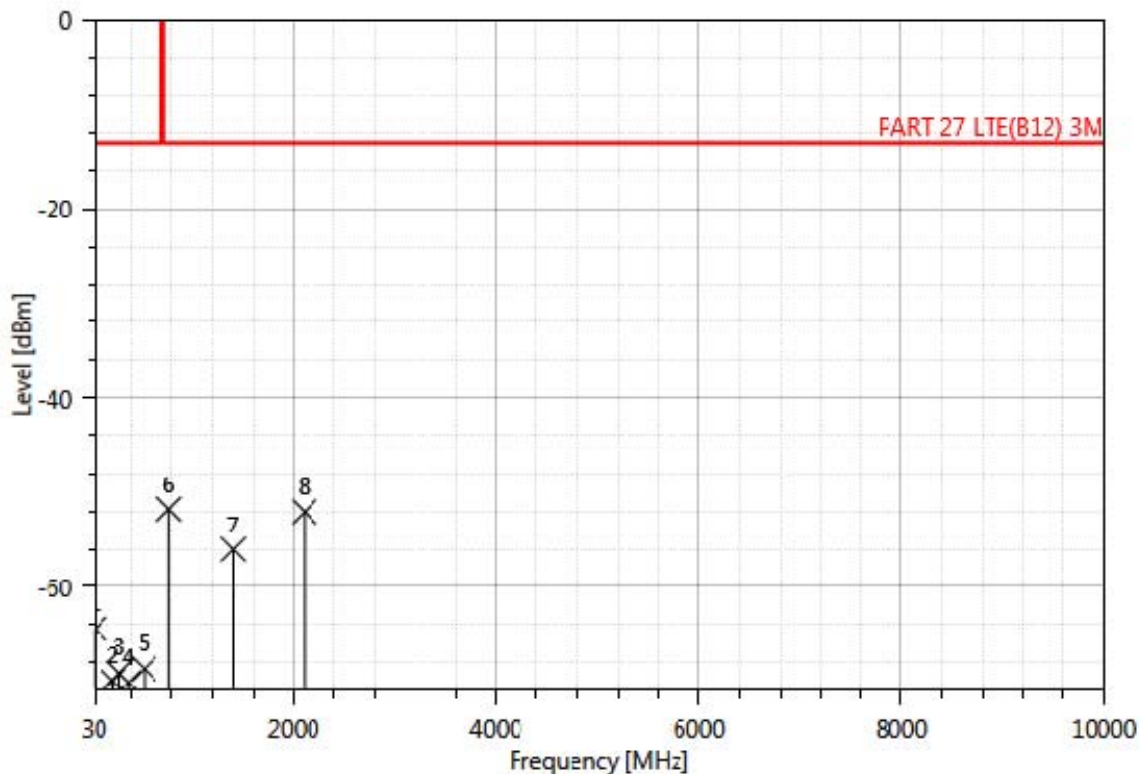
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Operation Mode :	LTE B12	Test Date :	04/27/2016 11:44:35
Fundamental Frequency :	701.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
34.85	S	Peak	-64.44	-49.80	-13.67	-0.97	-13.00	-51.44
216.24	S	Peak	-69.96	-71.67	3.40	-1.69	-13.00	-56.96
277.35	S	Peak	-69.13	-70.71	3.45	-1.86	-13.00	-56.13
369.50	S	Peak	-70.14	-71.79	3.85	-2.20	-13.00	-57.14
522.76	S	Peak	-68.66	-69.97	3.73	-2.42	-13.00	-55.66
769.14	S	Peak	-51.78	-52.06	3.24	-2.96	-13.00	-38.78
1403.00	H	Peak	-56.04	-60.44	8.29	-3.90	-13.00	-43.04
2104.50	H	Peak	-52.06	-57.77	10.51	-4.80	-13.00	-39.06

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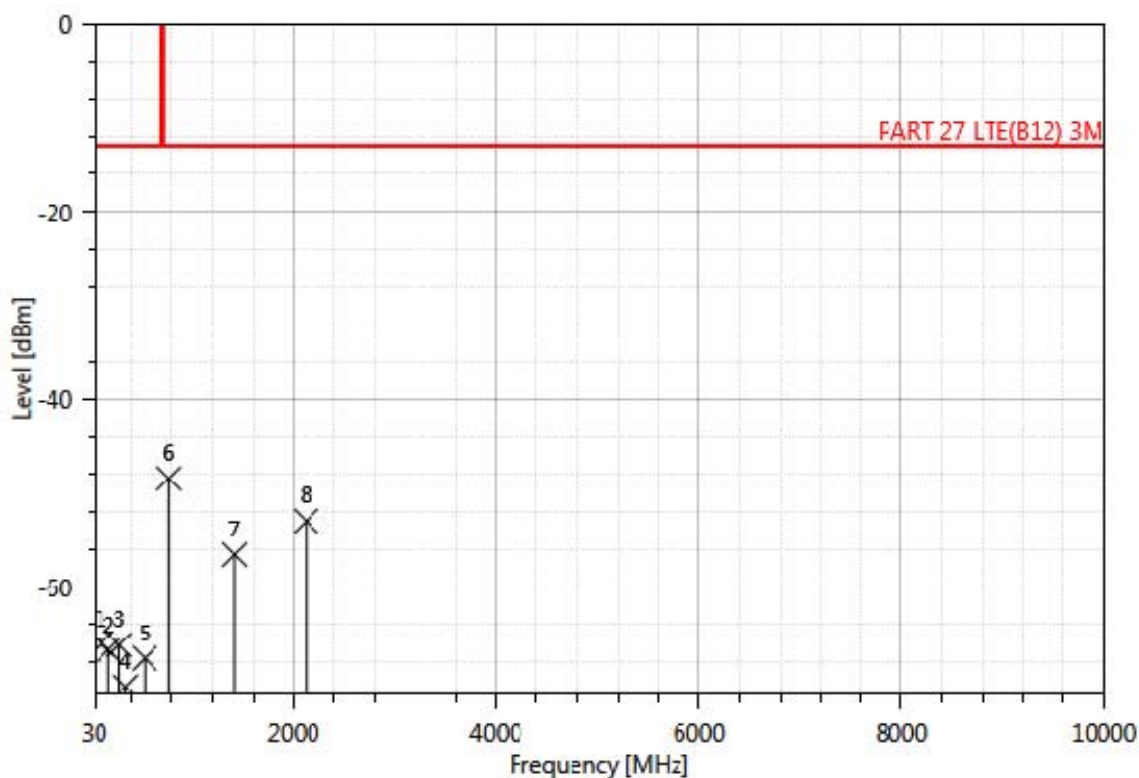
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Operation Mode :	LTE B12	Test Date :	04/27/2016 11:44:42
Fundamental Frequency :	707.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
97.90	S	Peak	-66.04	-63.42	-1.38	-1.24	-13.00	-53.04
173.56	S	Peak	-66.68	-64.89	-0.26	-1.53	-13.00	-53.68
277.35	S	Peak	-66.19	-67.77	3.45	-1.86	-13.00	-53.19
338.46	S	Peak	-70.62	-72.47	3.81	-1.95	-13.00	-57.62
529.55	S	Peak	-67.60	-68.81	3.70	-2.49	-13.00	-54.60
769.14	S	Peak	-48.44	-48.72	3.24	-2.96	-13.00	-35.44
1415.00	H	Peak	-56.57	-60.99	8.34	-3.91	-13.00	-43.57
2122.50	H	Peak	-52.95	-58.67	10.53	-4.81	-13.00	-39.95

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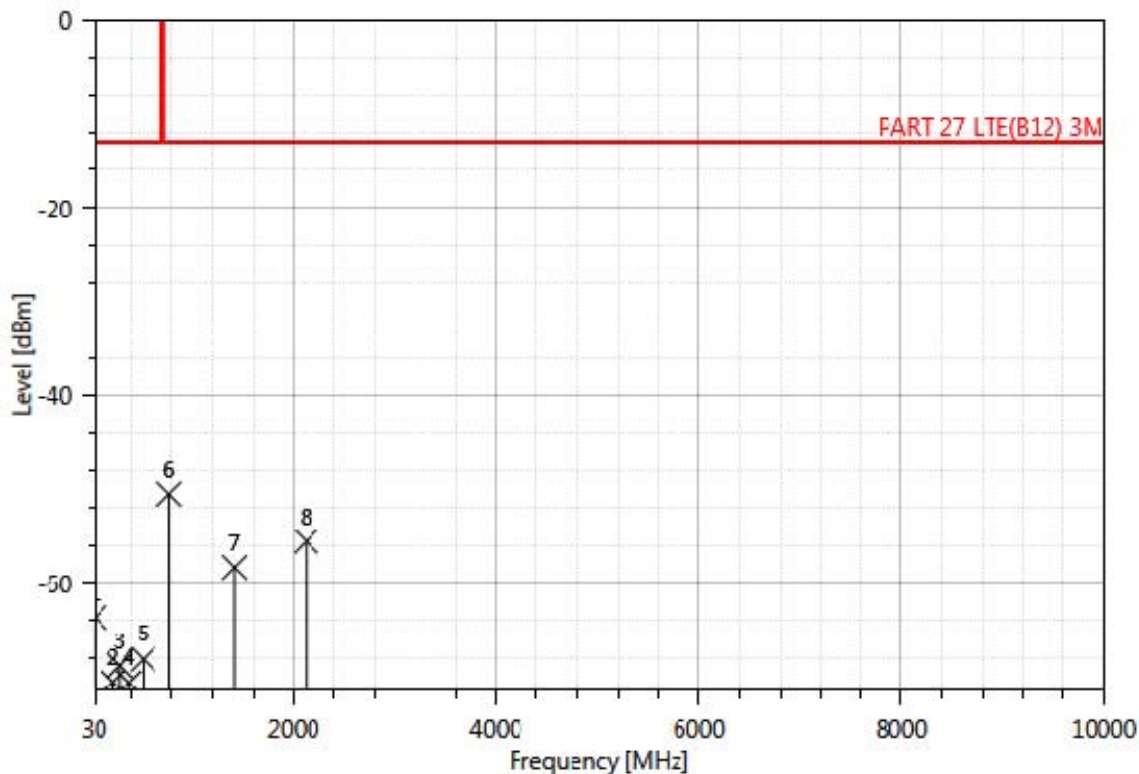
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Operation Mode :	LTE B12	Test Date :	04/27/2016 11:44:50
Fundamental Frequency :	707.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
36.79	S	Peak	-63.63	-49.22	-13.43	-0.98	-13.00	-50.63
217.21	S	Peak	-70.49	-72.18	3.38	-1.69	-13.00	-57.49
284.14	S	Peak	-68.73	-70.26	3.43	-1.89	-13.00	-55.73
371.44	S	Peak	-70.56	-72.19	3.84	-2.21	-13.00	-57.56
513.06	S	Peak	-68.07	-69.50	3.79	-2.35	-13.00	-55.07
770.11	S	Peak	-50.54	-50.84	3.25	-2.95	-13.00	-37.54
1415.00	H	Peak	-58.28	-62.71	8.34	-3.91	-13.00	-45.28
2122.50	H	Peak	-55.53	-61.25	10.53	-4.81	-13.00	-42.53

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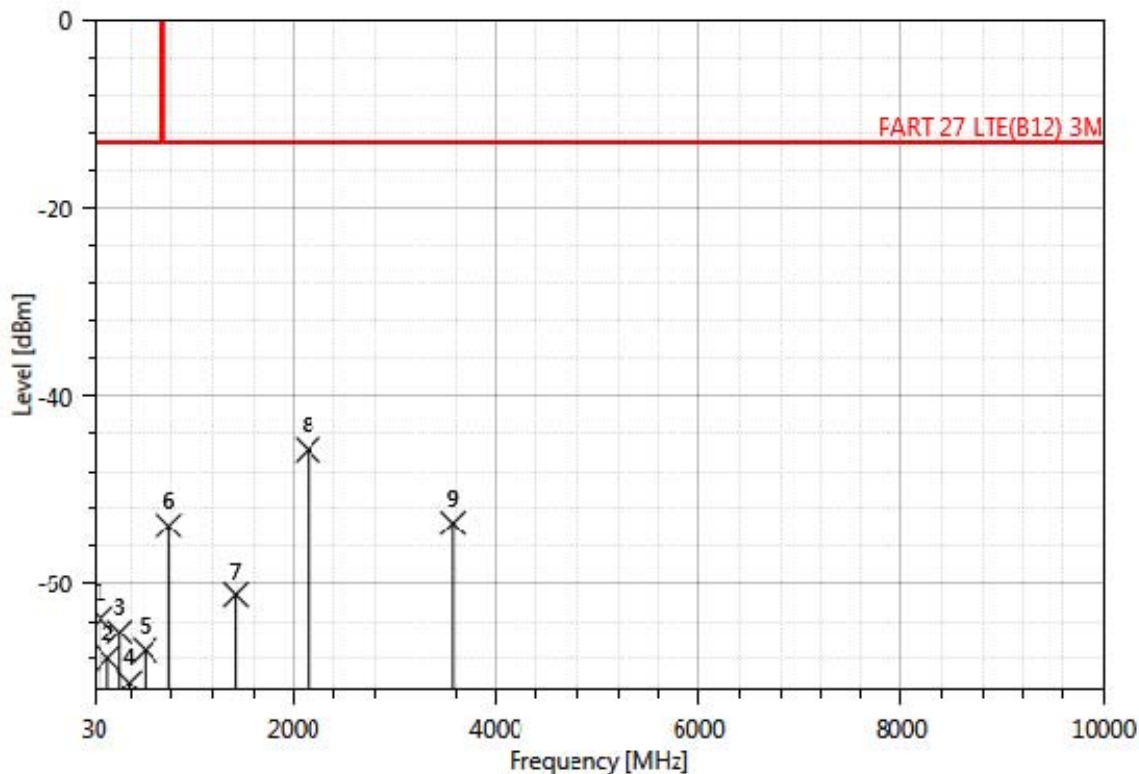
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Operation Mode :	LTE B12	Test Date :	04/27/2016 11:44:57
Fundamental Frequency :	713.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
94.99	S	Peak	-63.72	-61.45	-1.04	-1.23	-13.00	-50.72
165.80	S	Peak	-67.95	-65.24	-1.21	-1.50	-13.00	-54.95
282.20	S	Peak	-65.15	-66.69	3.42	-1.89	-13.00	-52.15
376.29	S	Peak	-70.53	-72.13	3.84	-2.24	-13.00	-57.53
532.46	S	Peak	-67.11	-68.27	3.68	-2.52	-13.00	-54.11
769.14	S	Peak	-53.83	-54.12	3.24	-2.96	-13.00	-40.83
1427.00	H	Peak	-61.22	-65.68	8.39	-3.93	-13.00	-48.22
2140.50	H	Peak	-45.76	-51.49	10.55	-4.82	-13.00	-32.76
3567.50	H	Peak	-53.56	-59.52	12.41	-6.45	-13.00	-40.56

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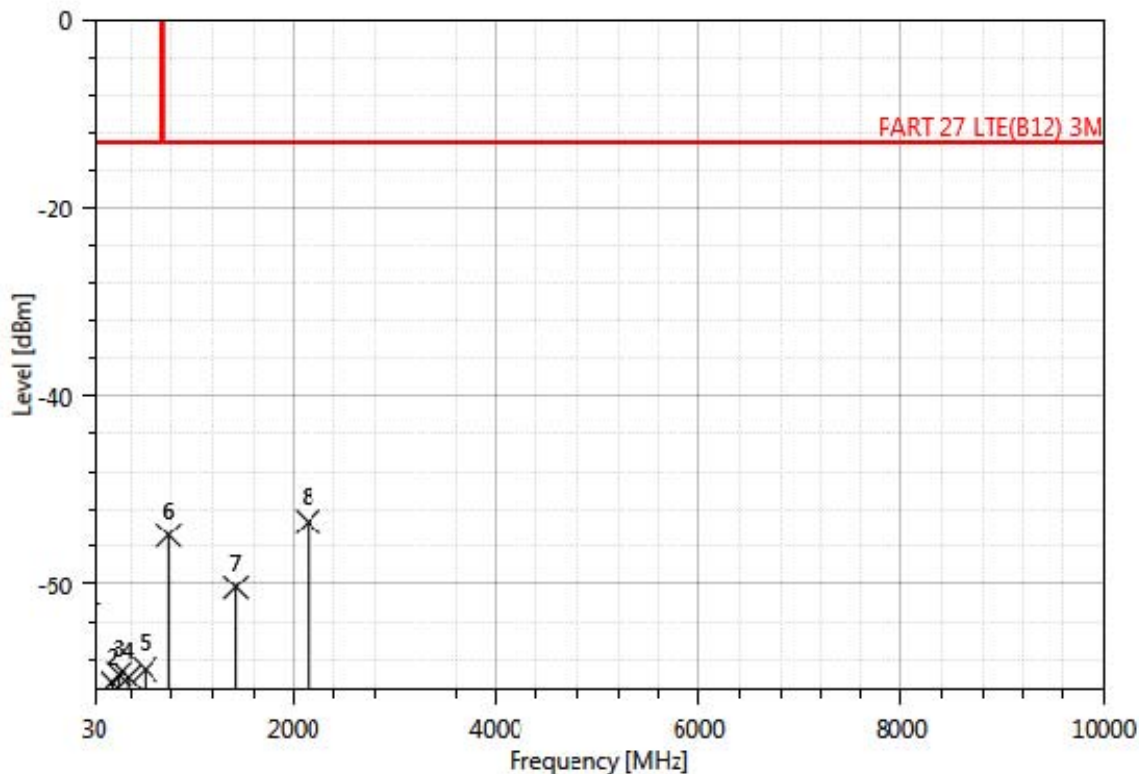
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Operation Mode :	LTE B12	Test Date :	04/27/2016 11:45:05
Fundamental Frequency :	713.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
30.00	S	Peak	-63.95	-48.22	-14.78	-0.96	-13.00	-50.95
219.15	S	Peak	-70.47	-72.11	3.34	-1.70	-13.00	-57.47
279.29	S	Peak	-69.57	-71.13	3.43	-1.87	-13.00	-56.57
367.56	S	Peak	-69.87	-71.53	3.85	-2.18	-13.00	-56.87
532.46	S	Peak	-69.05	-70.21	3.68	-2.52	-13.00	-56.05
769.14	S	Peak	-54.80	-55.08	3.24	-2.96	-13.00	-41.80
1427.00	H	Peak	-60.35	-64.81	8.39	-3.93	-13.00	-47.35
2140.50	H	Peak	-53.37	-59.10	10.55	-4.82	-13.00	-40.37

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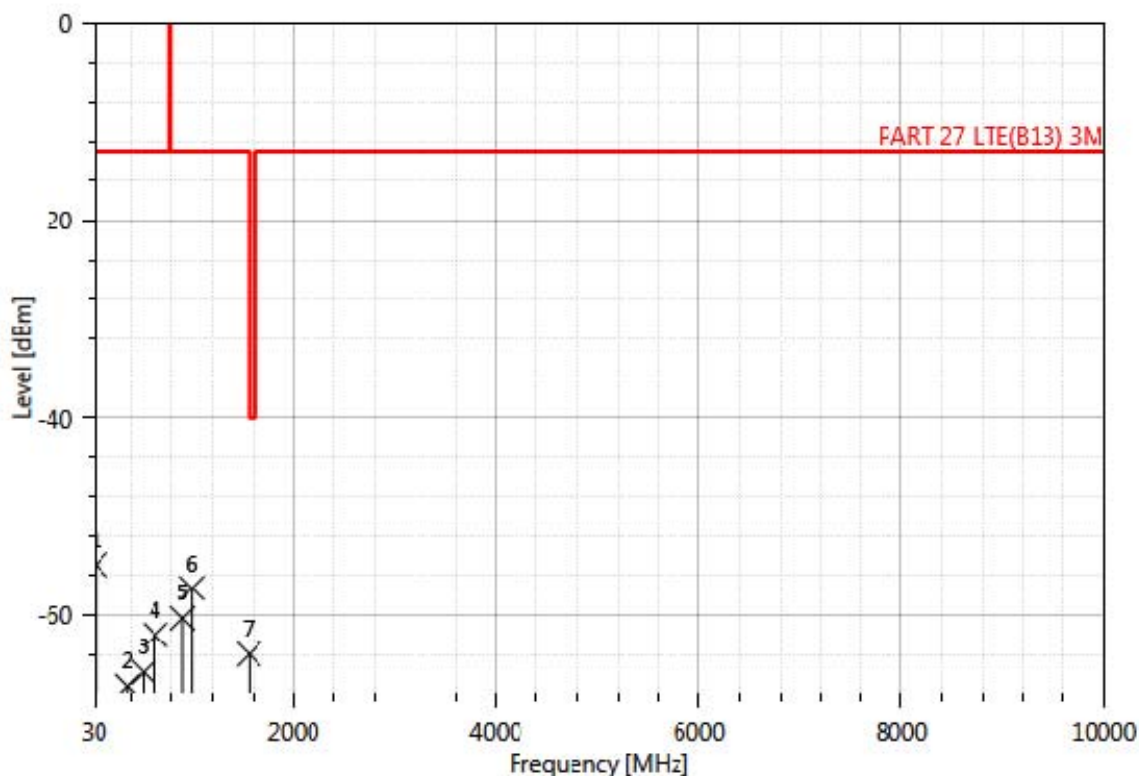
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 13 16QAM RB 1 0 (The Worst Case)

Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
41.64	S	Peak	-54.94	-41.10	-12.83	-1.00	-13.00	-41.94
359.80	S	Peak	-67.19	-68.92	3.85	-2.12	-13.00	-54.19
515.00	S	Peak	-65.77	-67.19	3.77	-2.36	-13.00	-52.77
633.34	S	Peak	-62.05	-62.77	3.17	-2.46	-13.00	-49.05
900.09	S	Peak	-60.35	-60.32	3.26	-3.29	-13.00	-47.35
990.30	S	Peak	-57.30	-57.92	3.86	-3.24	-13.00	-44.30
1559.00	H	Peak	-63.99	-66.65	6.78	-4.12	-40.00	-23.99

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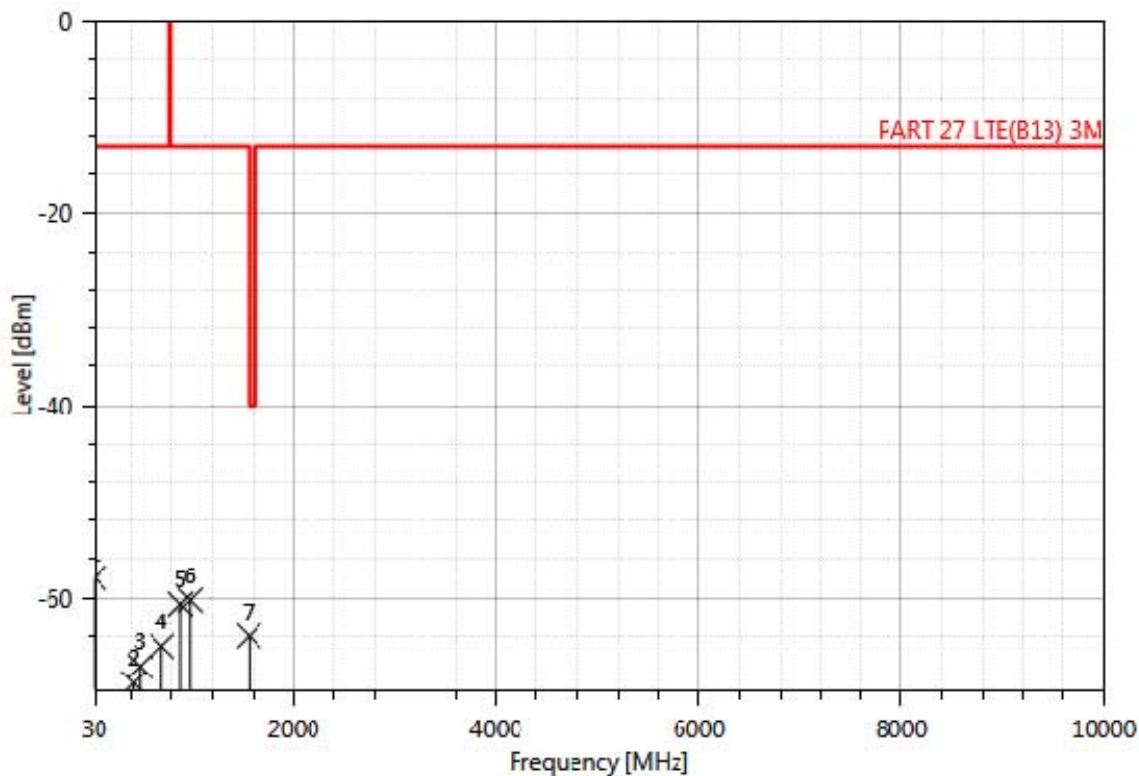
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
31.94	S	Peak	-57.94	-42.66	-14.31	-0.96	-13.00	-44.94
418.00	S	Peak	-68.87	-70.28	3.76	-2.35	-13.00	-55.87
479.11	S	Peak	-67.14	-68.67	3.77	-2.24	-13.00	-54.14
697.36	S	Peak	-65.07	-65.23	3.08	-2.93	-13.00	-52.07
880.69	S	Peak	-60.65	-60.67	3.27	-3.24	-13.00	-47.65
973.81	S	Peak	-60.23	-60.58	3.52	-3.18	-13.00	-47.23
1559.00	H	Peak	-64.02	-66.67	6.78	-4.12	-40.00	-24.02

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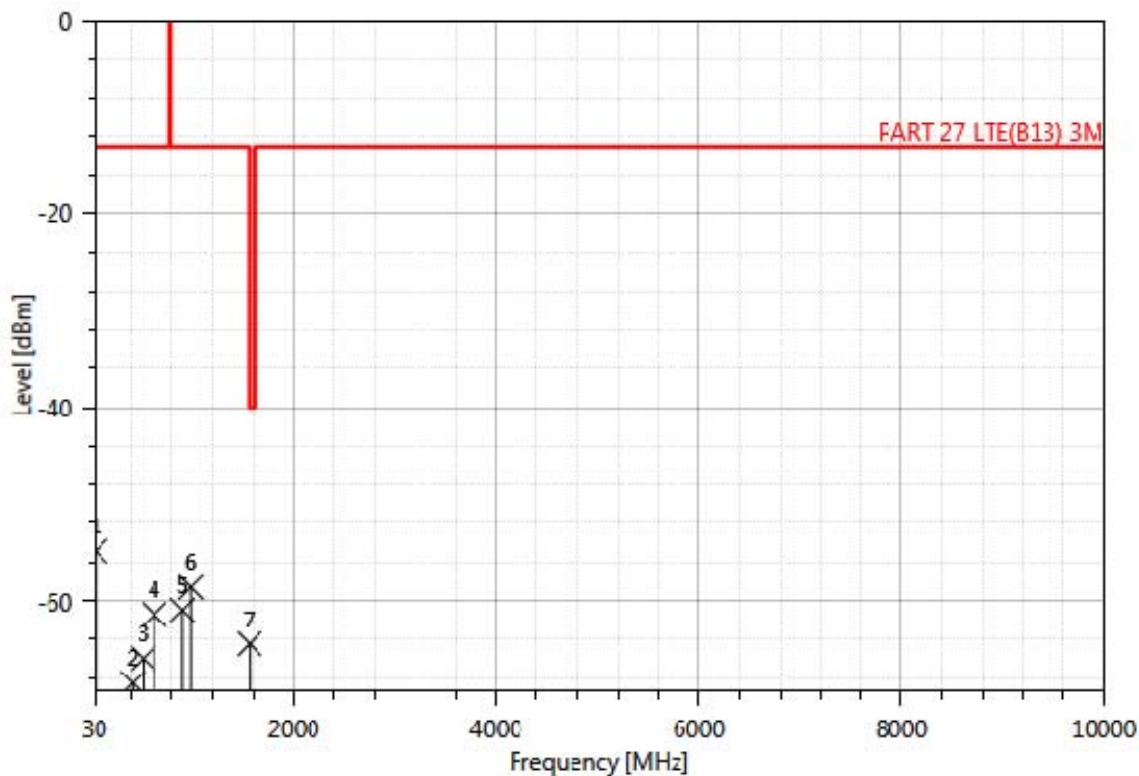
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-54.84	-41.00	-12.83	-1.00	-13.00	-41.84
410.24	S	Peak	-68.52	-69.91	3.78	-2.40	-13.00	-55.52
513.06	S	Peak	-65.97	-67.41	3.79	-2.35	-13.00	-52.97
623.64	S	Peak	-61.41	-62.09	3.19	-2.52	-13.00	-48.41
898.15	S	Peak	-60.98	-60.95	3.26	-3.29	-13.00	-47.98
980.60	S	Peak	-58.60	-59.07	3.66	-3.20	-13.00	-45.60
1564.00	H	Peak	-64.45	-67.12	6.80	-4.13	-40.00	-24.45

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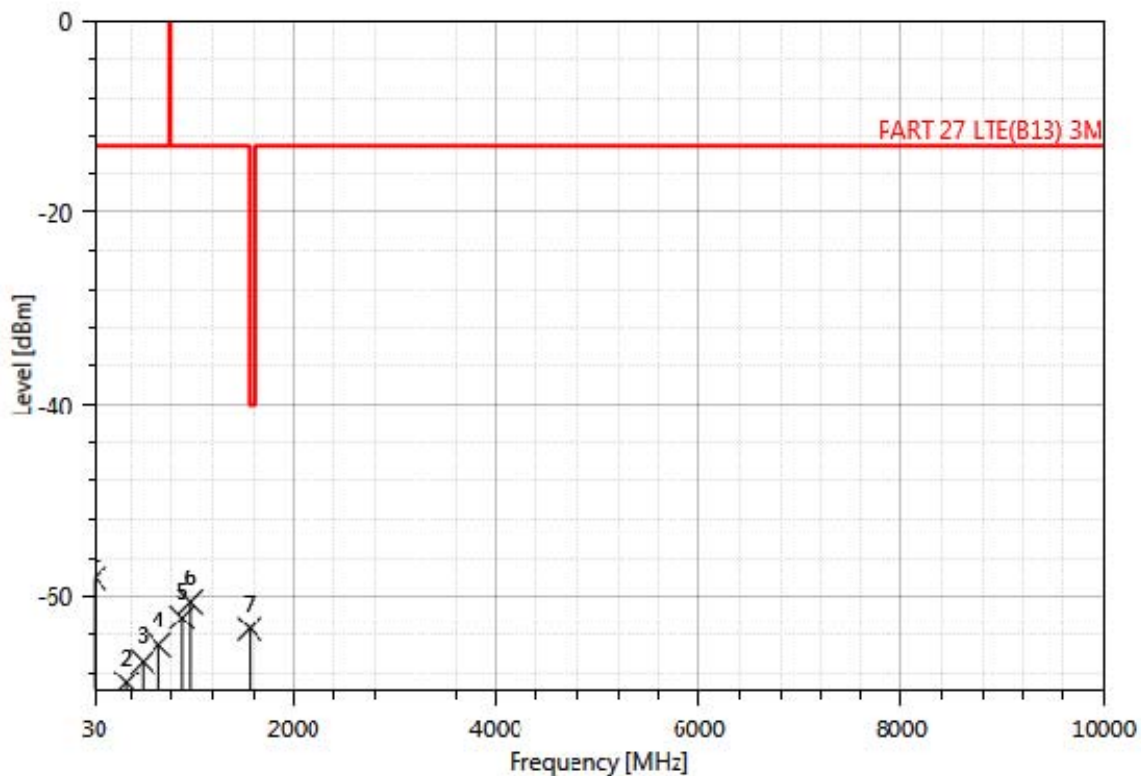
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
31.94	S	Peak	-58.13	-42.85	-14.31	-0.96	-13.00	-45.13
348.16	S	Peak	-69.06	-70.88	3.85	-2.03	-13.00	-56.06
510.15	S	Peak	-66.80	-68.26	3.80	-2.34	-13.00	-53.80
670.20	S	Peak	-65.10	-65.78	3.12	-2.44	-13.00	-52.10
896.21	S	Peak	-62.23	-62.20	3.27	-3.29	-13.00	-49.23
975.75	S	Peak	-60.59	-60.97	3.56	-3.18	-13.00	-47.59
1564.00	H	Peak	-63.39	-66.06	6.80	-4.13	-40.00	-23.39

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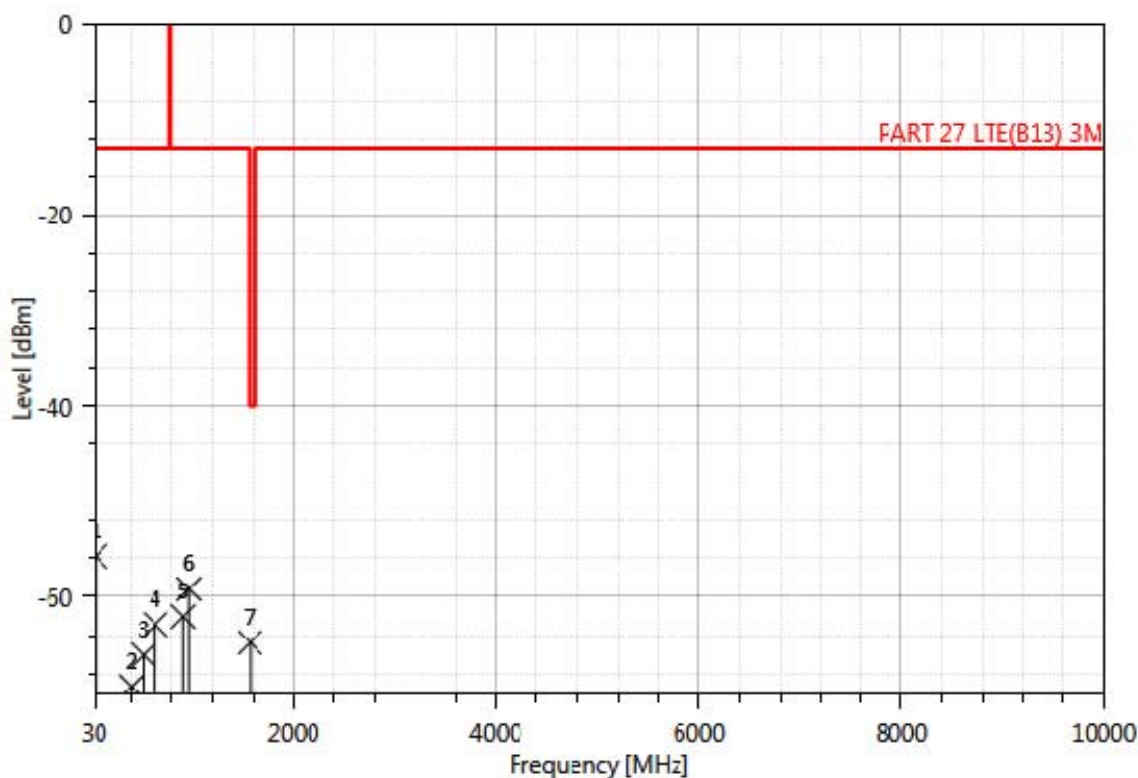
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-55.77	-41.94	-12.83	-1.00	-13.00	-42.77
398.60	S	Peak	-69.38	-70.83	3.82	-2.37	-13.00	-56.38
515.00	S	Peak	-66.08	-67.50	3.77	-2.36	-13.00	-53.08
634.31	S	Peak	-62.87	-63.59	3.17	-2.45	-13.00	-49.87
905.91	S	Peak	-62.04	-62.00	3.24	-3.28	-13.00	-49.04
961.20	S	Peak	-59.17	-59.30	3.27	-3.13	-13.00	-46.17
1569.00	H	Peak	-64.78	-67.45	6.82	-4.14	-40.00	-24.78

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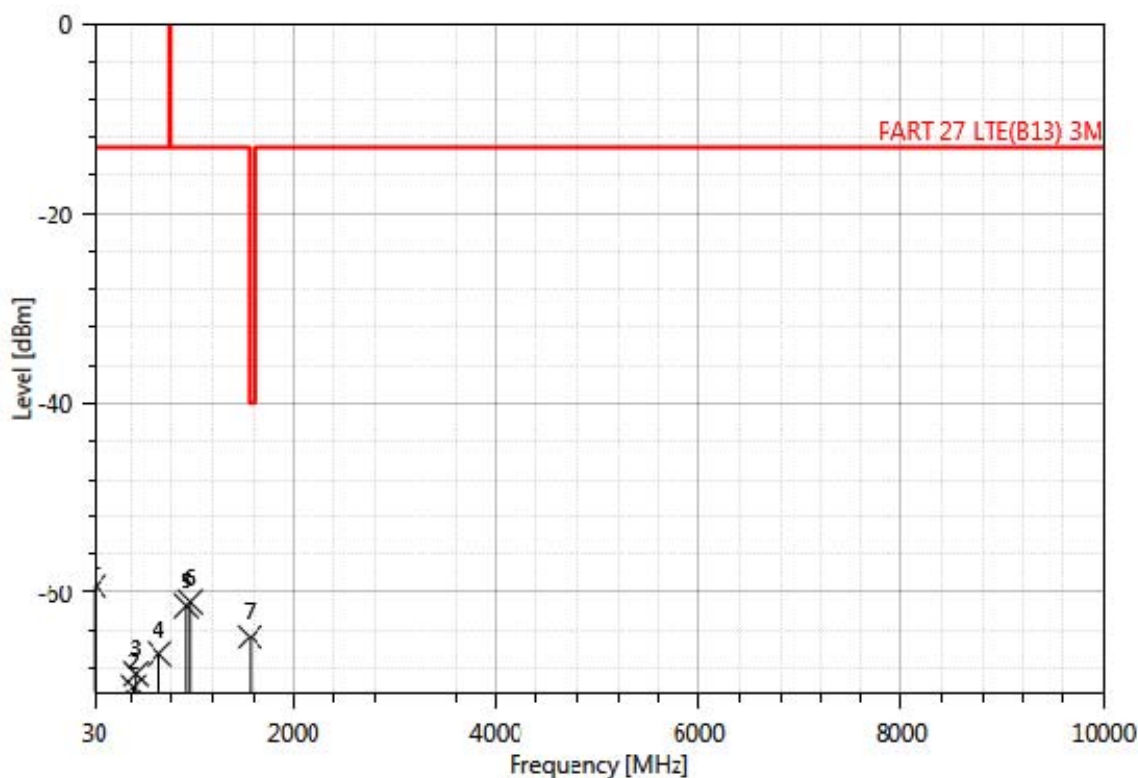
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
31.94	S	Peak	-59.31	-44.03	-14.31	-0.96	-13.00	-46.31
415.09	S	Peak	-69.92	-71.32	3.77	-2.37	-13.00	-56.92
439.34	S	Peak	-68.55	-70.02	3.68	-2.21	-13.00	-55.55
672.14	S	Peak	-66.52	-67.16	3.11	-2.47	-13.00	-53.52
936.95	S	Peak	-61.43	-61.30	3.09	-3.22	-13.00	-48.43
973.81	S	Peak	-61.04	-61.39	3.52	-3.18	-13.00	-48.04
1569.00	H	Peak	-64.69	-67.37	6.82	-4.14	-40.00	-24.69

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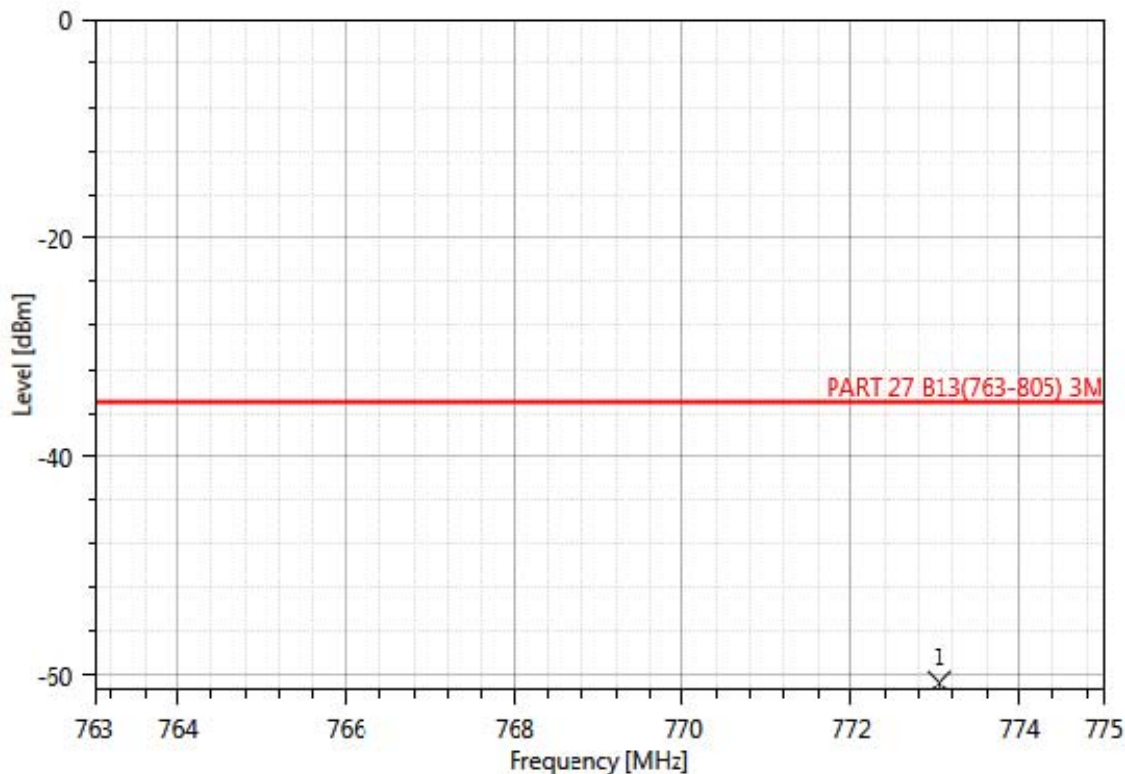
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# Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 13(763MHz-775MHz)

Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor Mode	ERP Level	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
773.04	S	Peak	-60.72	-61.04	3.26	-2.93	-35.00	-25.72

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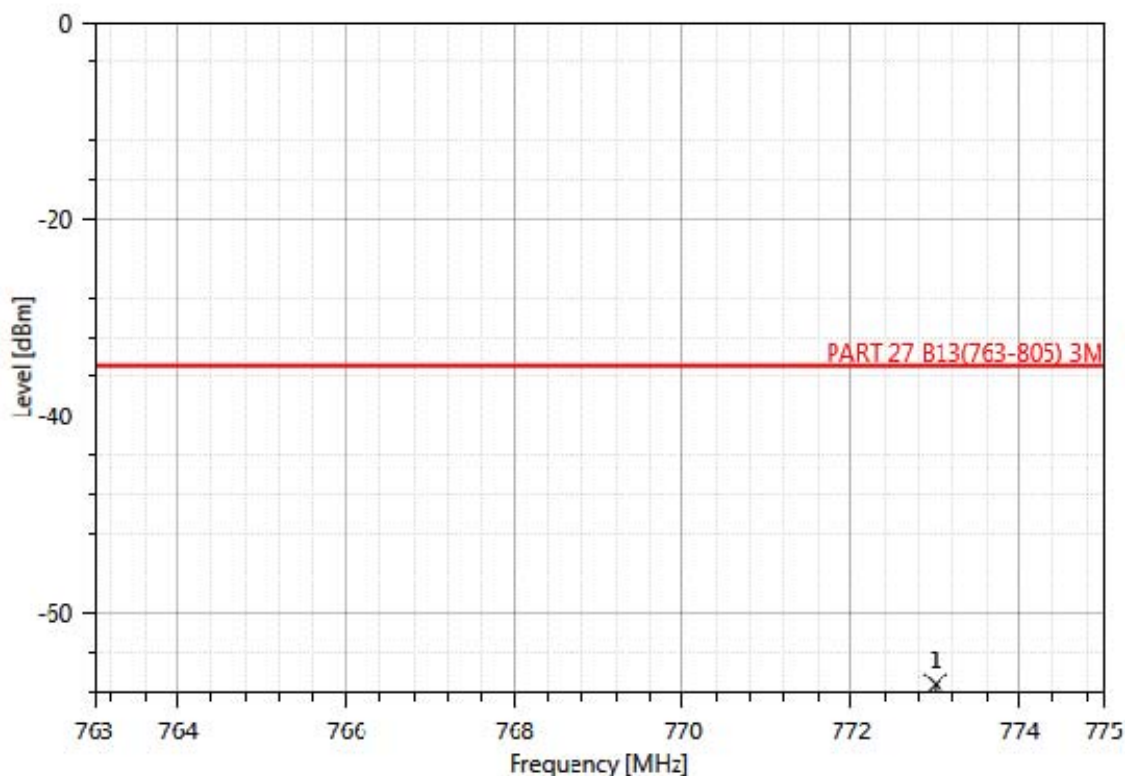
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
773.00	S	Peak	-67.40	-67.72	3.26	-2.93	-35.00	-32.40

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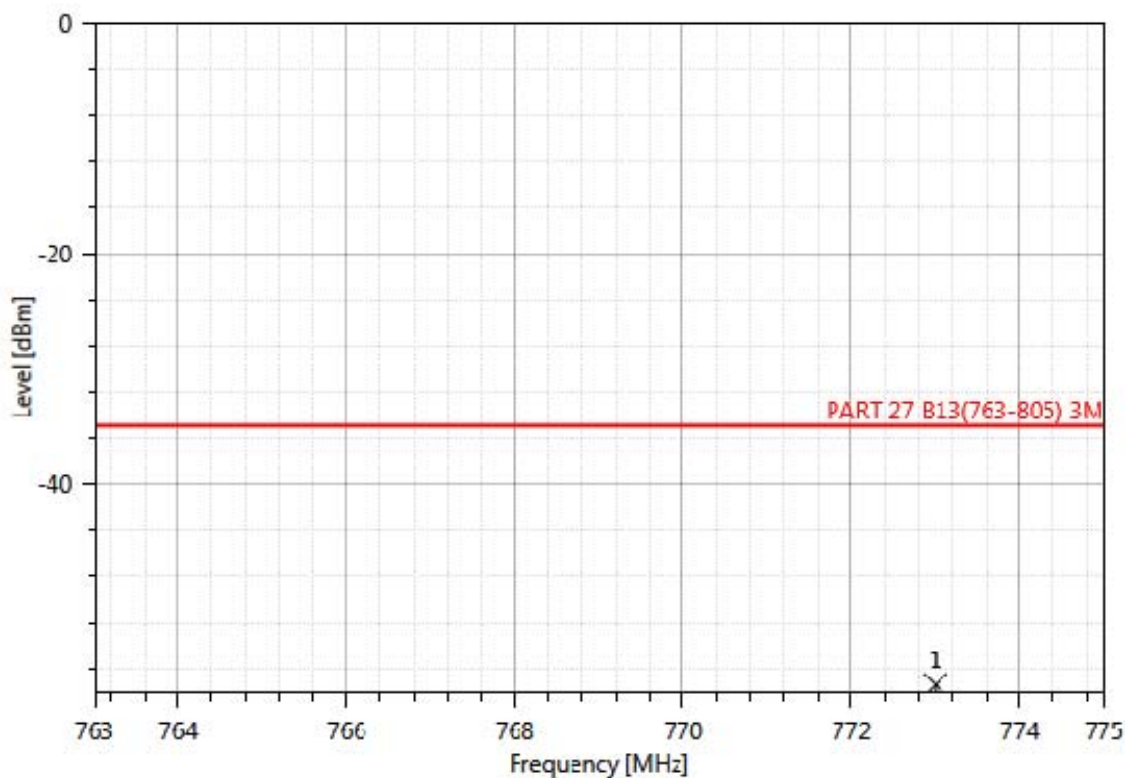
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
		Mode	Level	Level	Gain	Loss	@3m	
MHz	F/H/E/S	QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
773.00	S	Peak	-57.49	-57.81	3.26	-2.93	-35.00	-22.49

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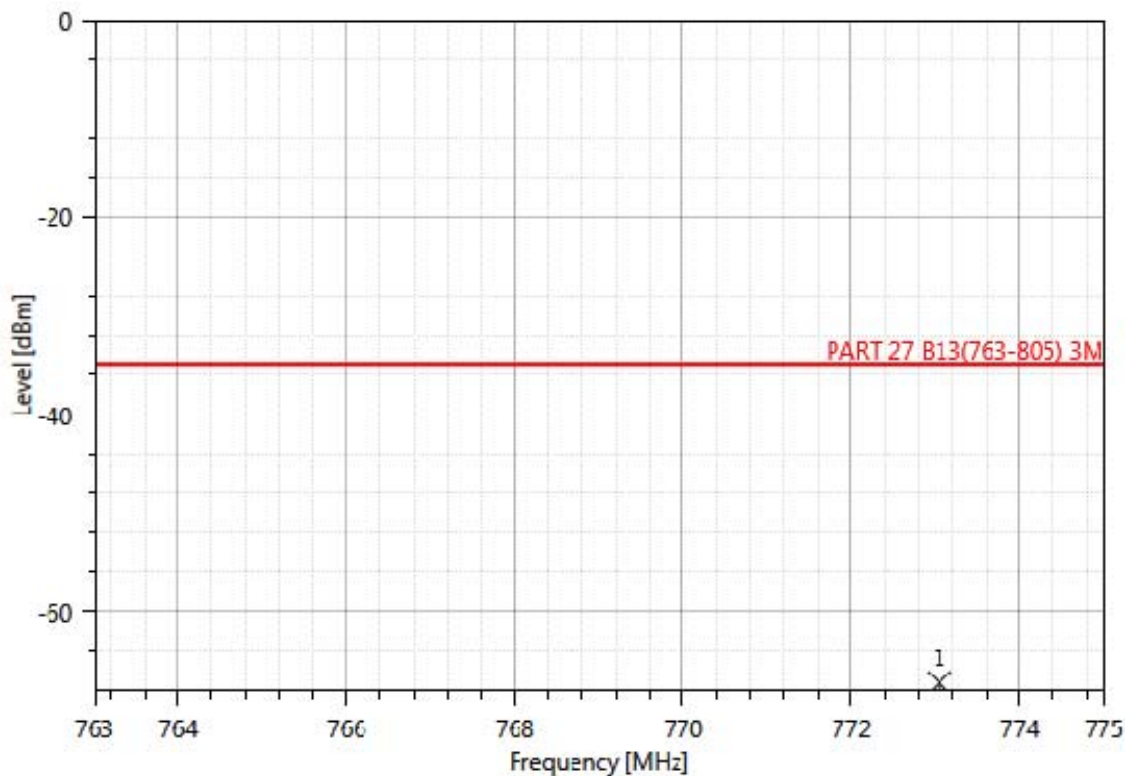
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Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
		Mode	Level	Level	Gain	Loss	@3m	
MHz	F/H/E/S	QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
773.04	S	Peak	-67.27	-67.59	3.26	-2.93	-35.00	-32.27

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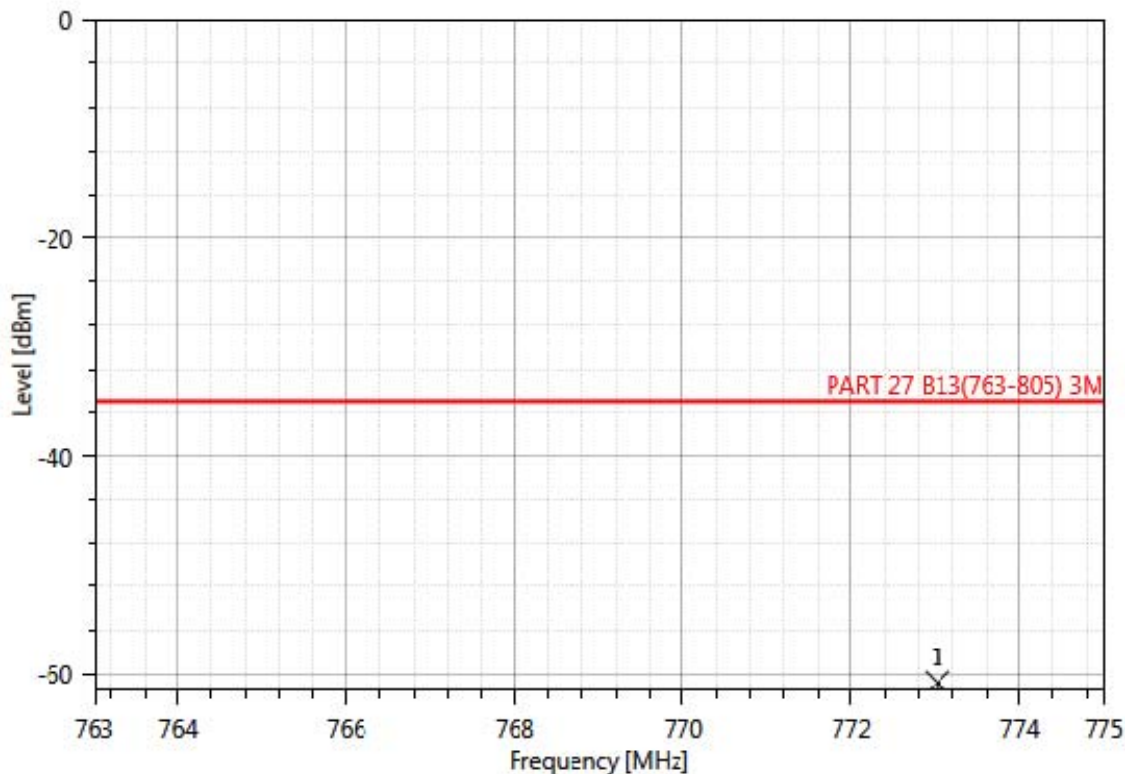
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
773.02	S	Peak	-60.81	-61.13	3.26	-2.93	-35.00	-25.81

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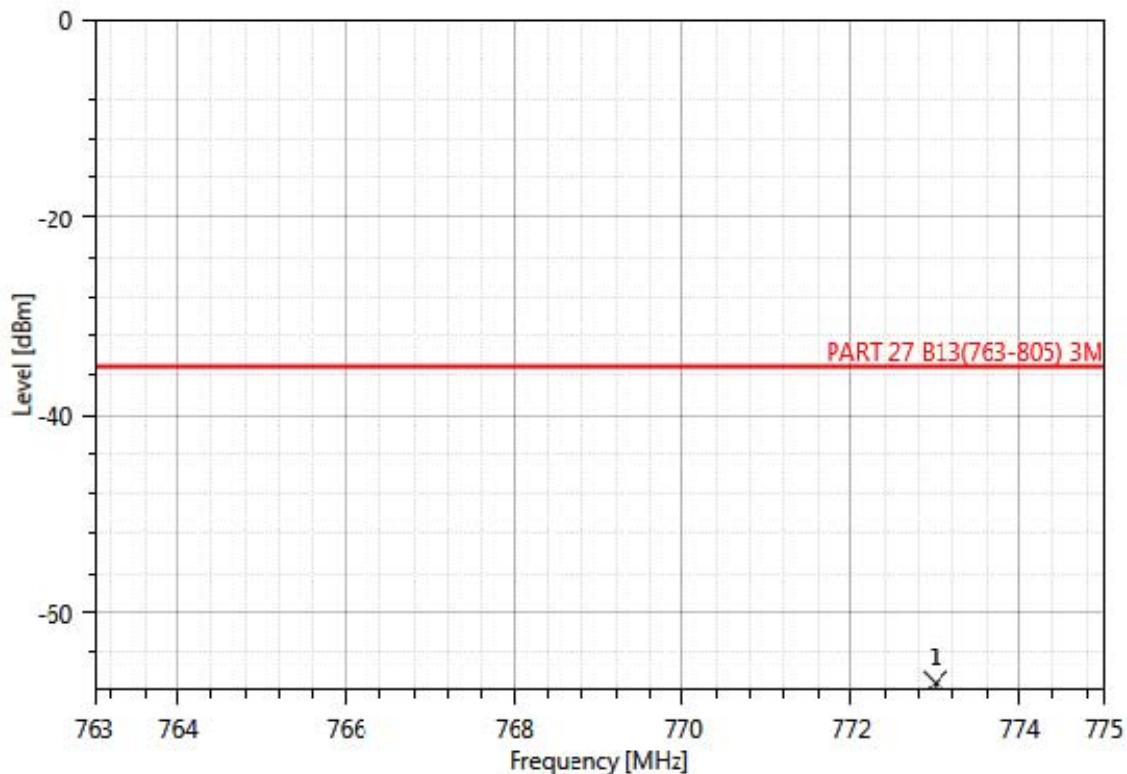
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Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor Mode	ERP Level	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
773.00	S	Peak	-67.06	-67.38	3.26	-2.93	-35.00	-32.06

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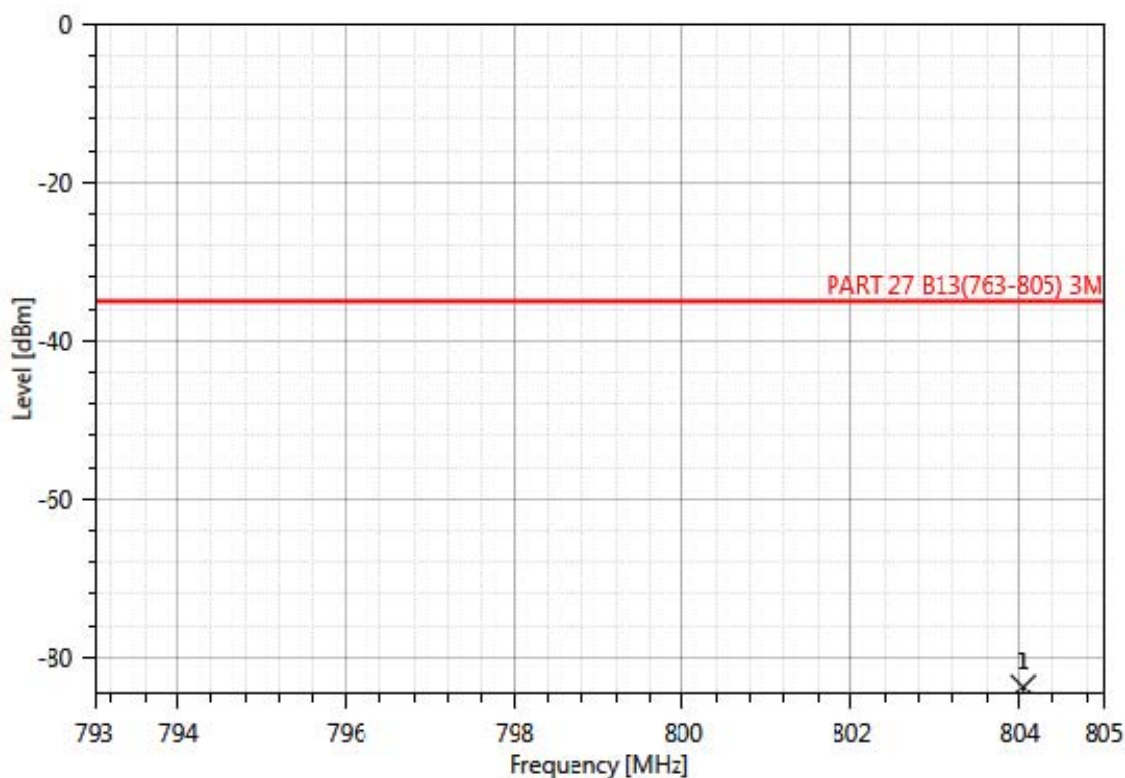
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# Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 13(793MHz-805MHz)

Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
804.04	S	Peak	-83.66	-84.10	3.34	-2.90	-35.00	-48.66

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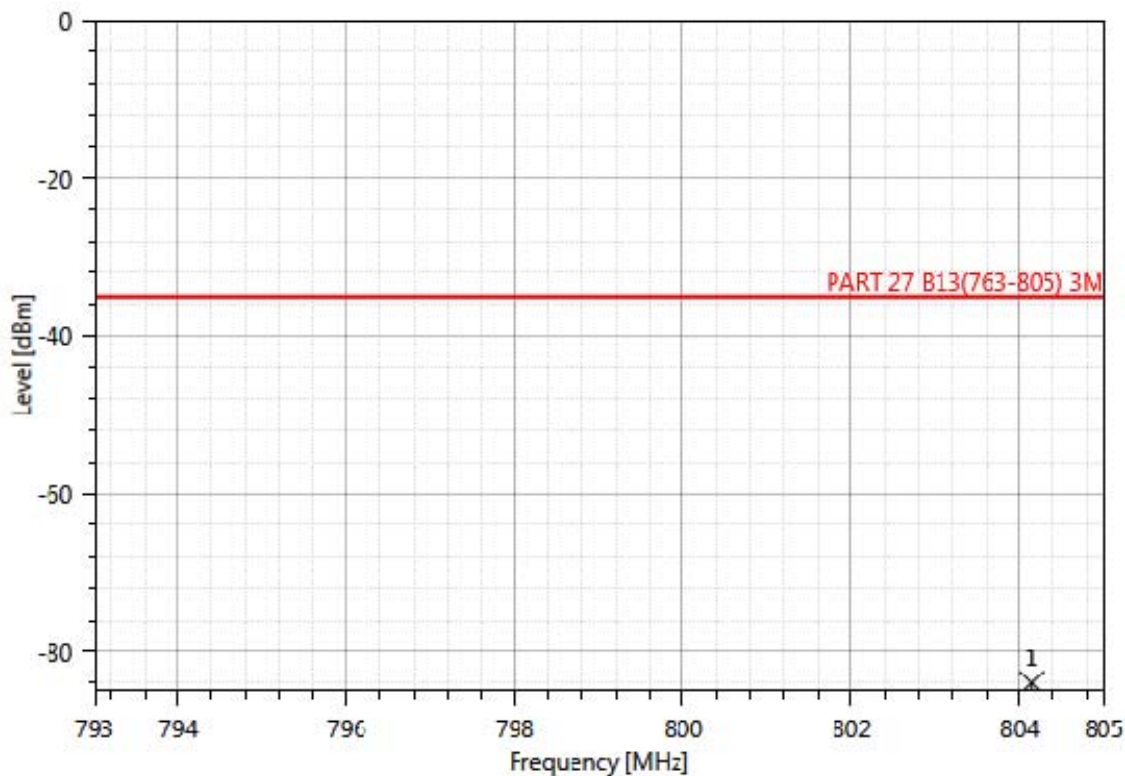
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
		Mode	Level	Level	Gain	Loss	@3m	
MHz	F/H/E/S	QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
804.14	S	Peak	-84.05	-84.49	3.34	-2.90	-35.00	-49.05

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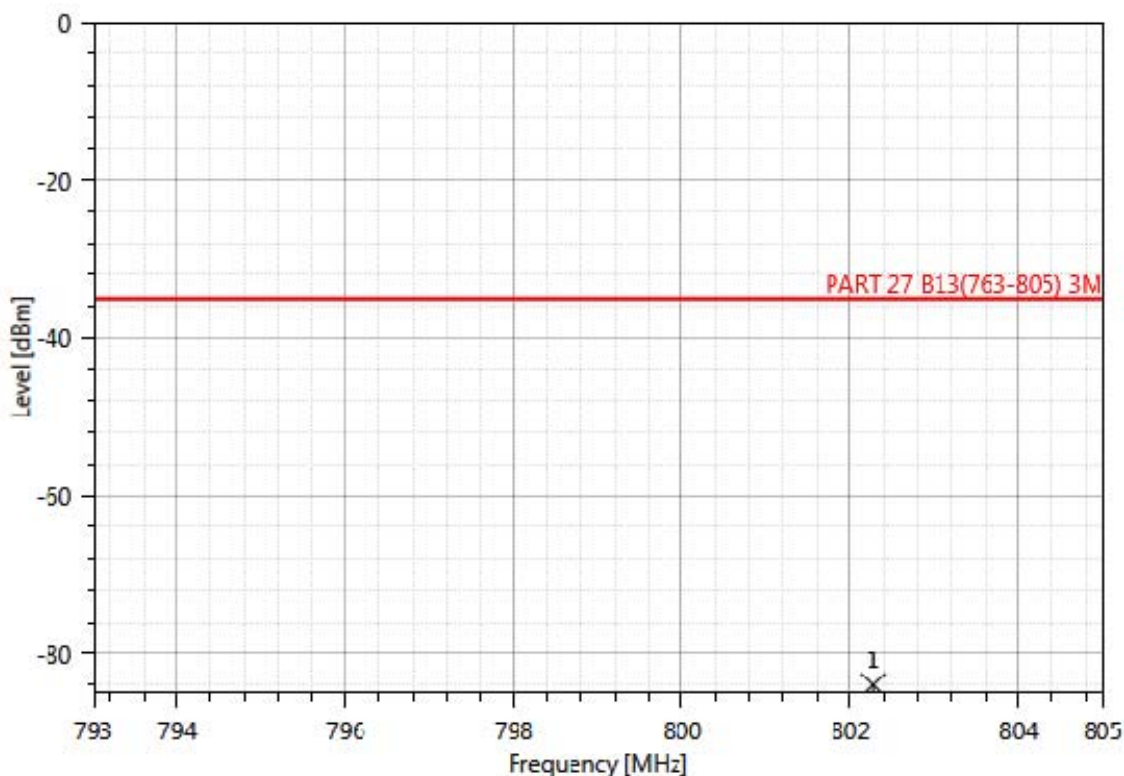
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
802.26	S	Peak	-84.02	-84.46	3.34	-2.90	-35.00	-49.02

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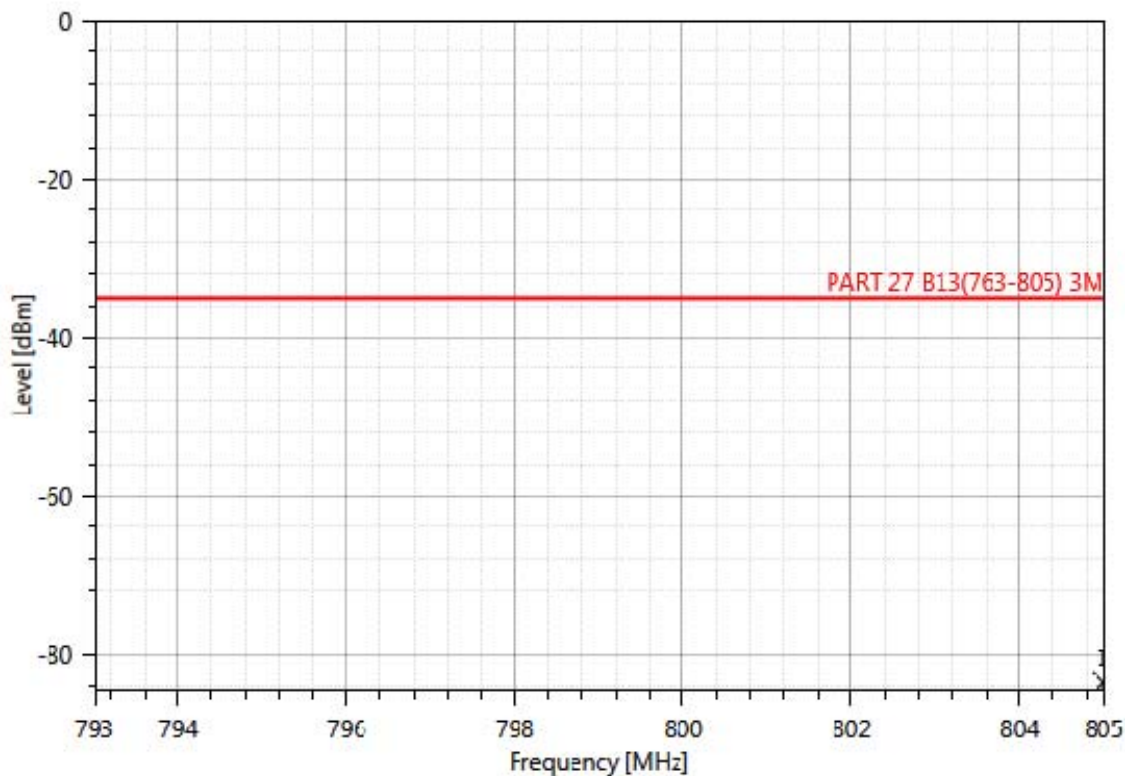
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
805.00	S	Peak	-83.66	-84.10	3.33	-2.89	-35.00	-48.66

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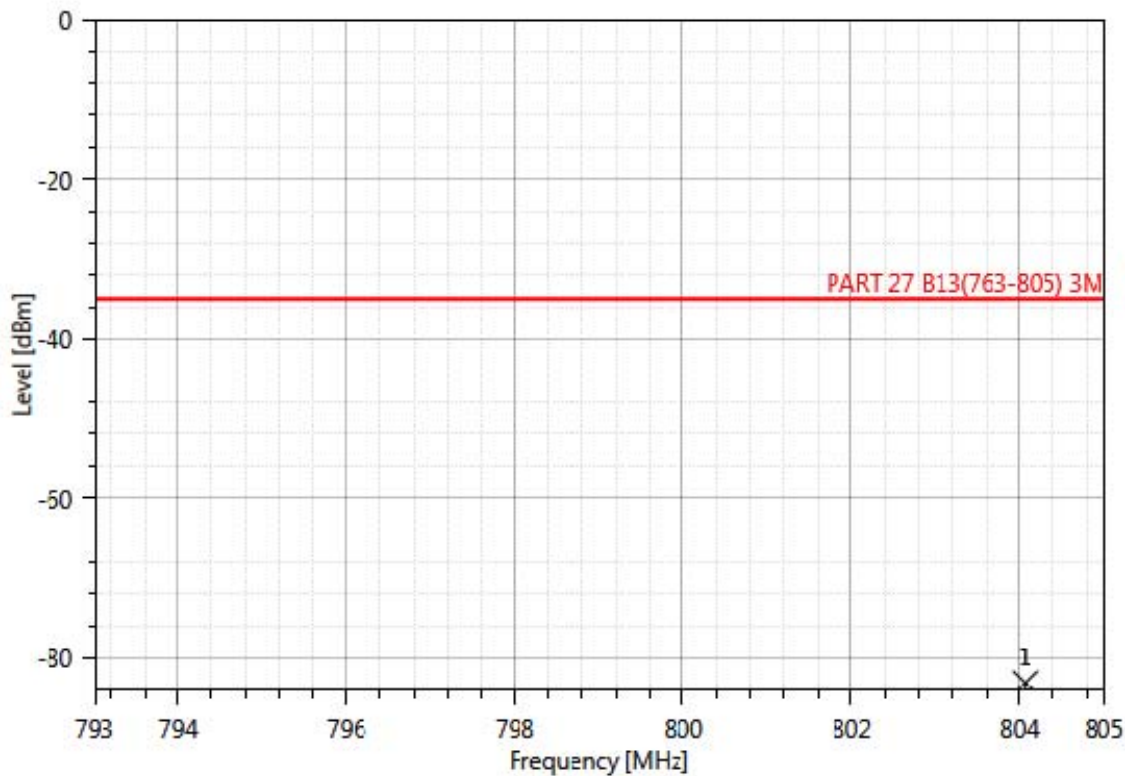
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
804.06	S	Peak	-83.13	-83.57	3.34	-2.90	-35.00	-48.13

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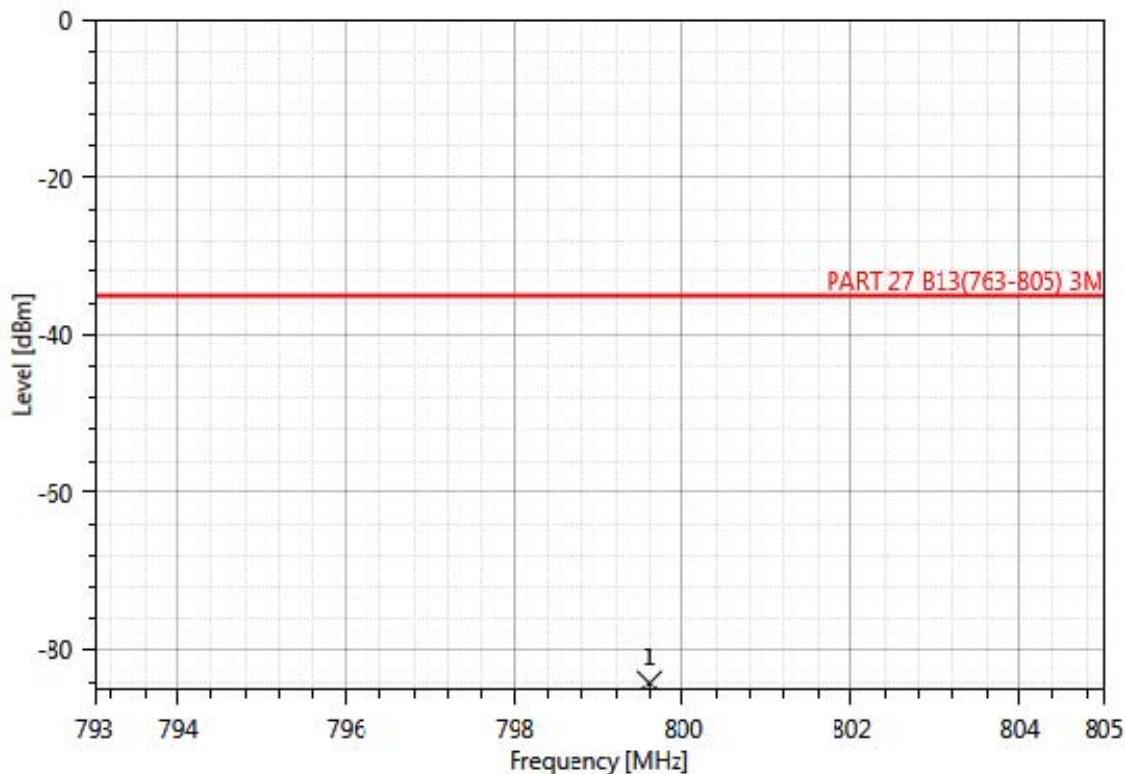
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Operation Mode :	LTE B13	Test Date :	01/10/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
799.60	S	Peak	-84.12	-84.56	3.34	-2.90	-35.00	-49.12

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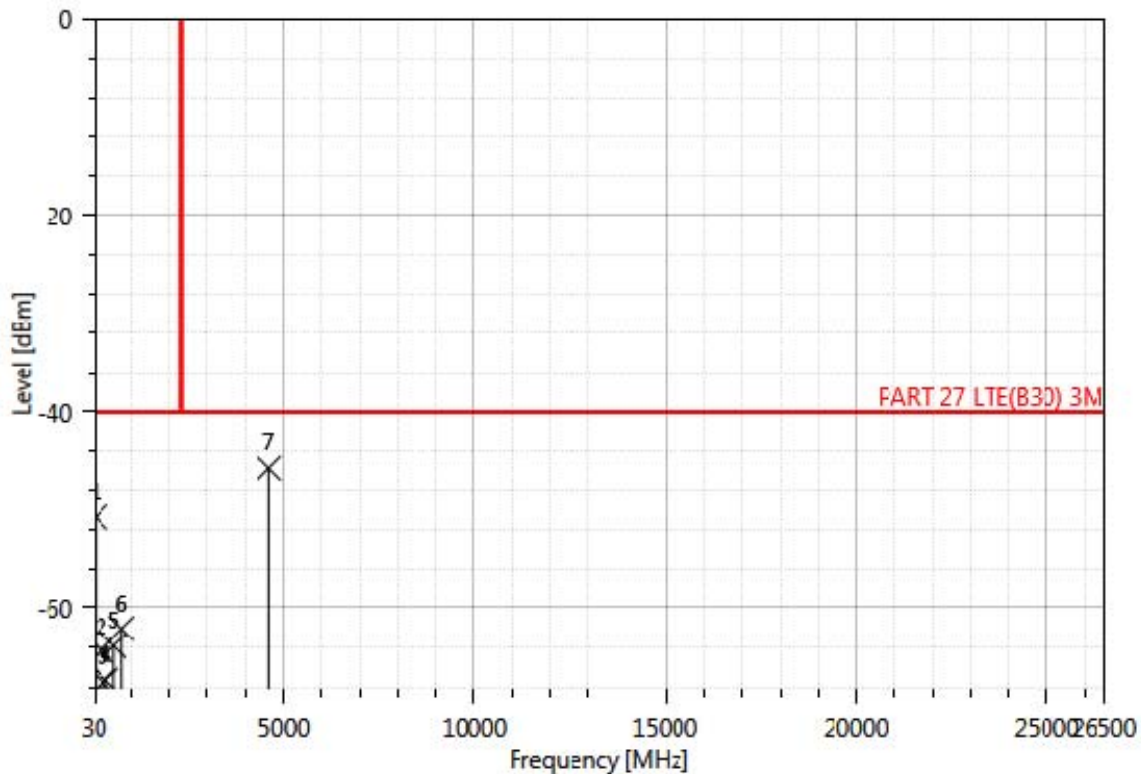
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 30 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B30	Test Date :	05/13/2016 14:50:22
Fundamental Frequency :	2307.5 MHz	Temp. / Humi. :	22 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
61.04	S	Peak	-50.67	-41.14	-8.44	-1.09	-40.00	-10.67
212.36	S	Peak	-64.32	-66.11	3.48	-1.68	-40.00	-24.32
246.31	S	Peak	-67.49	-69.13	3.38	-1.75	-40.00	-27.49
335.55	S	Peak	-67.29	-69.15	3.80	-1.93	-40.00	-27.29
547.01	S	Peak	-63.86	-64.79	3.60	-2.67	-40.00	-23.86
747.80	S	Peak	-62.09	-62.18	3.18	-3.09	-40.00	-22.09
4615.00	H	Peak	-45.70	-50.97	12.70	-7.43	-40.00	-5.70

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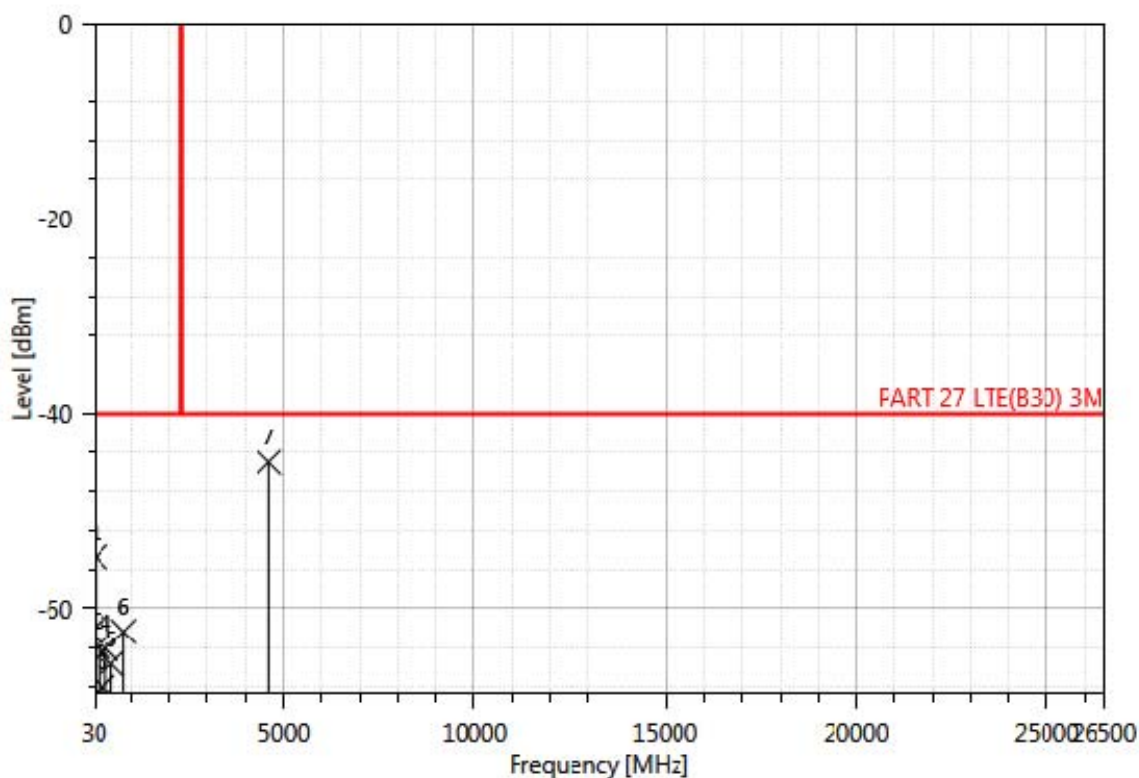
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Operation Mode :	LTE B30	Test Date :	05/13/2016 14:50:35
Fundamental Frequency :	2307.5 MHz	Temp. / Humi. :	22 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
59.10	S	Peak	-54.74	-44.69	-8.97	-1.08	-40.00	-14.74
143.49	S	Peak	-63.91	-60.02	-2.48	-1.41	-40.00	-23.91
250.19	S	Peak	-68.03	-69.71	3.44	-1.76	-40.00	-28.03
335.55	S	Peak	-64.10	-65.96	3.80	-1.93	-40.00	-24.10
479.11	S	Peak	-65.66	-67.19	3.77	-2.24	-40.00	-25.66
798.24	S	Peak	-62.39	-62.83	3.34	-2.90	-40.00	-22.39
4615.00	H	Peak	-44.95	-50.22	12.70	-7.43	-40.00	-4.95

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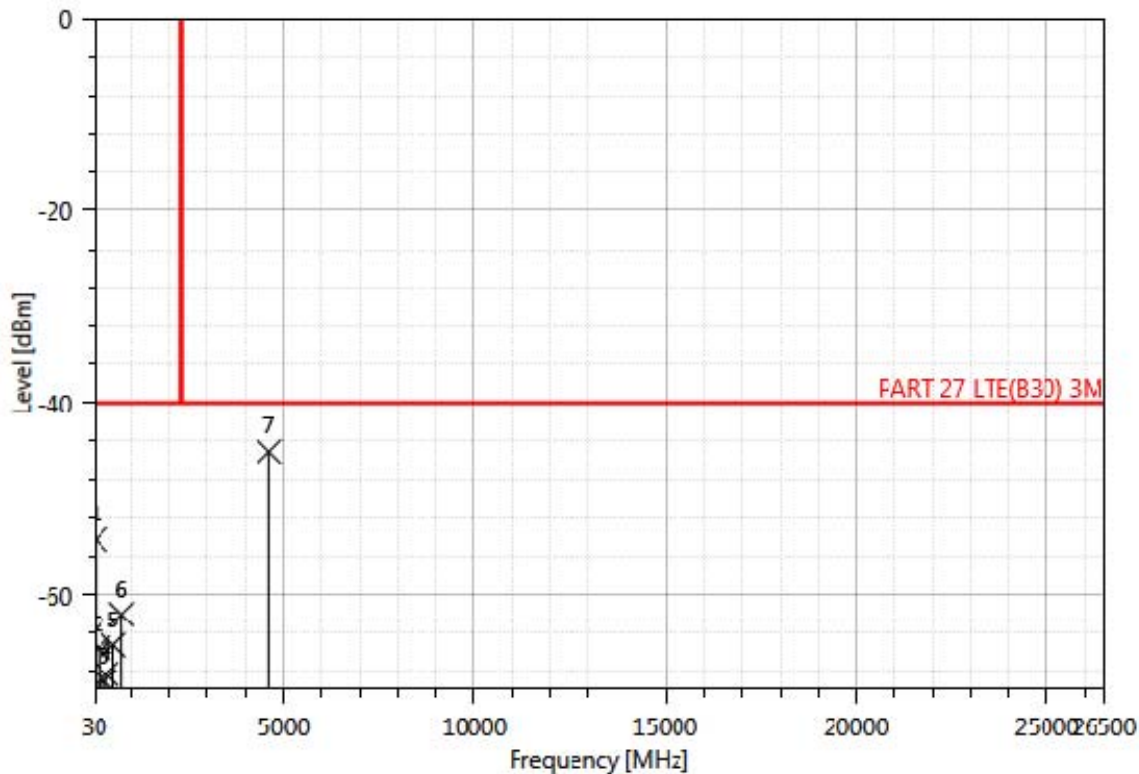
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Operation Mode :	LTE B30	Test Date :	05/13/2016 14:50:47
Fundamental Frequency :	2310 MHz	Temp. / Humi. :	22 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
61.04	S	Peak	-54.26	-44.73	-8.44	-1.09	-40.00	-14.26
143.49	S	Peak	-65.55	-61.66	-2.48	-1.41	-40.00	-25.55
293.84	S	Peak	-69.00	-70.57	3.50	-1.94	-40.00	-29.00
345.25	S	Peak	-68.26	-70.09	3.84	-2.01	-40.00	-28.26
526.64	S	Peak	-65.24	-66.49	3.71	-2.46	-40.00	-25.24
745.86	S	Peak	-62.05	-62.12	3.17	-3.10	-40.00	-22.05
4620.00	H	Peak	-45.07	-50.34	12.70	-7.44	-40.00	-5.07

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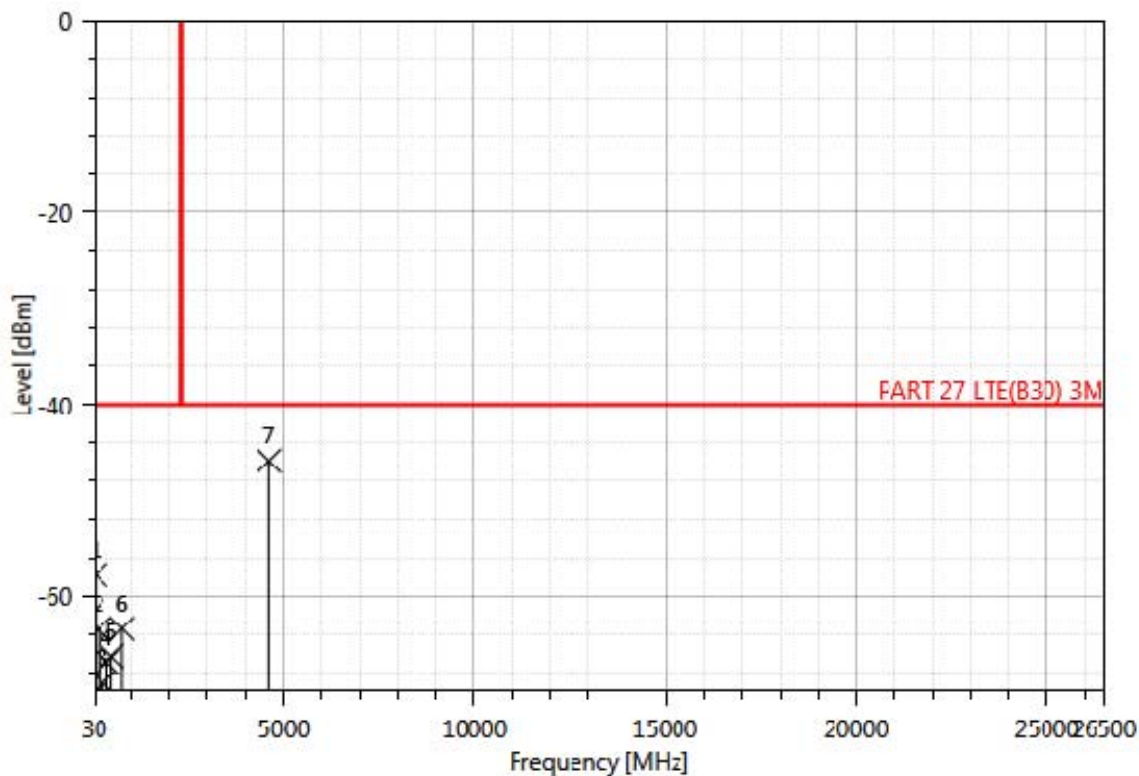
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Operation Mode :	LTE B30	Test Date :	05/13/2016 14:51:00
Fundamental Frequency :	2310 MHz	Temp. / Humi. :	22 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
61.04	S	Peak	-57.77	-48.24	-8.44	-1.09	-40.00	-17.77
144.46	S	Peak	-63.44	-59.60	-2.43	-1.41	-40.00	-23.44
260.86	S	Peak	-69.05	-70.93	3.66	-1.78	-40.00	-29.05
367.56	S	Peak	-66.86	-68.52	3.85	-2.18	-40.00	-26.86
481.05	S	Peak	-66.24	-67.78	3.78	-2.24	-40.00	-26.24
759.44	S	Peak	-63.38	-63.57	3.21	-3.02	-40.00	-23.38
4620.00	H	Peak	-45.87	-51.13	12.70	-7.44	-40.00	-5.87

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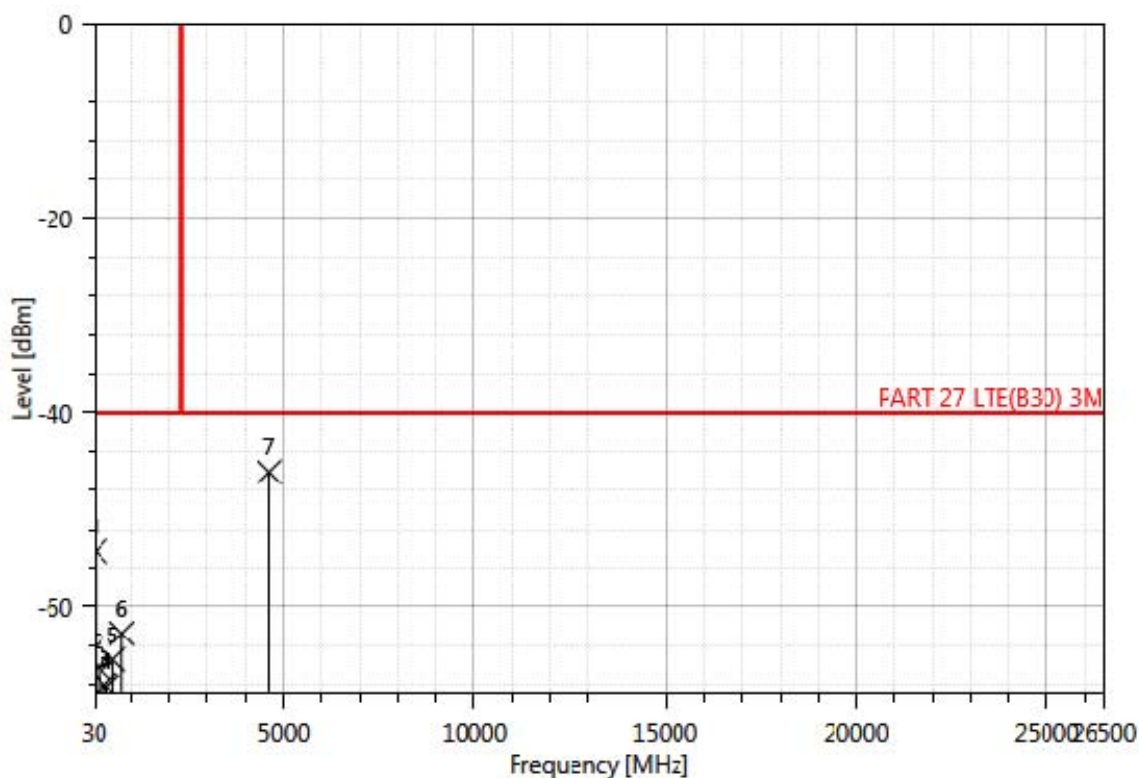
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Operation Mode :	LTE B30	Test Date :	05/13/2016 14:51:29
Fundamental Frequency :	2312.5 MHz	Temp. / Humi. :	22 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
61.04	S	Peak	-54.32	-44.79	-8.44	-1.09	-40.00	-14.32
140.58	S	Peak	-66.18	-62.13	-2.66	-1.40	-40.00	-26.18
298.69	S	Peak	-68.04	-69.69	3.60	-1.95	-40.00	-28.04
367.56	S	Peak	-68.21	-69.88	3.85	-2.18	-40.00	-28.21
519.85	S	Peak	-65.44	-66.80	3.75	-2.39	-40.00	-25.44
752.65	S	Peak	-62.74	-62.87	3.19	-3.06	-40.00	-22.74
4625.00	H	Peak	-46.11	-51.37	12.70	-7.44	-40.00	-6.11

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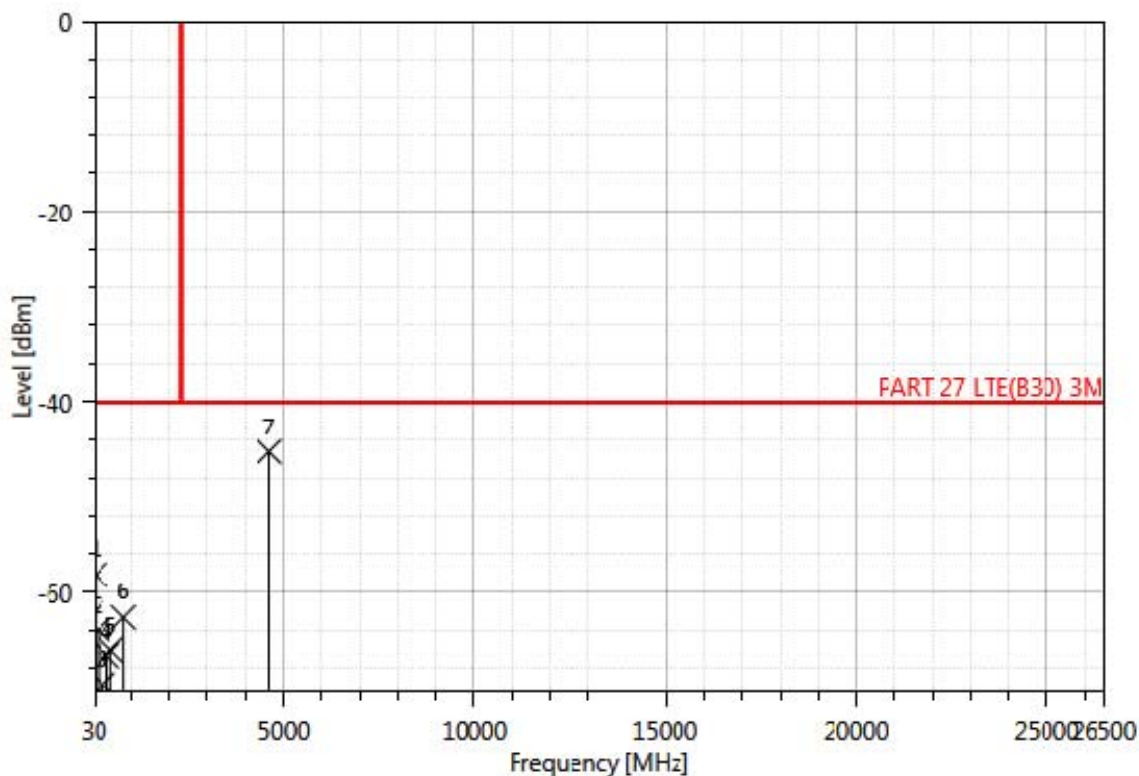
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Operation Mode :	LTE B30	Test Date :	05/13/2016 14:51:55
Fundamental Frequency :	2312.5 MHz	Temp. / Humi. :	22 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.04	S	Peak	-58.11	-48.58	-8.44	-1.09	-40.00	-18.11
131.85	S	Peak	-63.87	-59.85	-2.65	-1.37	-40.00	-23.87
255.04	S	Peak	-69.64	-71.43	3.56	-1.76	-40.00	-29.64
366.59	S	Peak	-66.64	-68.31	3.85	-2.17	-40.00	-26.64
458.74	S	Peak	-66.04	-67.52	3.68	-2.20	-40.00	-26.04
793.39	S	Peak	-62.54	-62.95	3.32	-2.90	-40.00	-22.54
4625.00	H	Peak	-45.14	-50.40	12.70	-7.44	-40.00	-5.14

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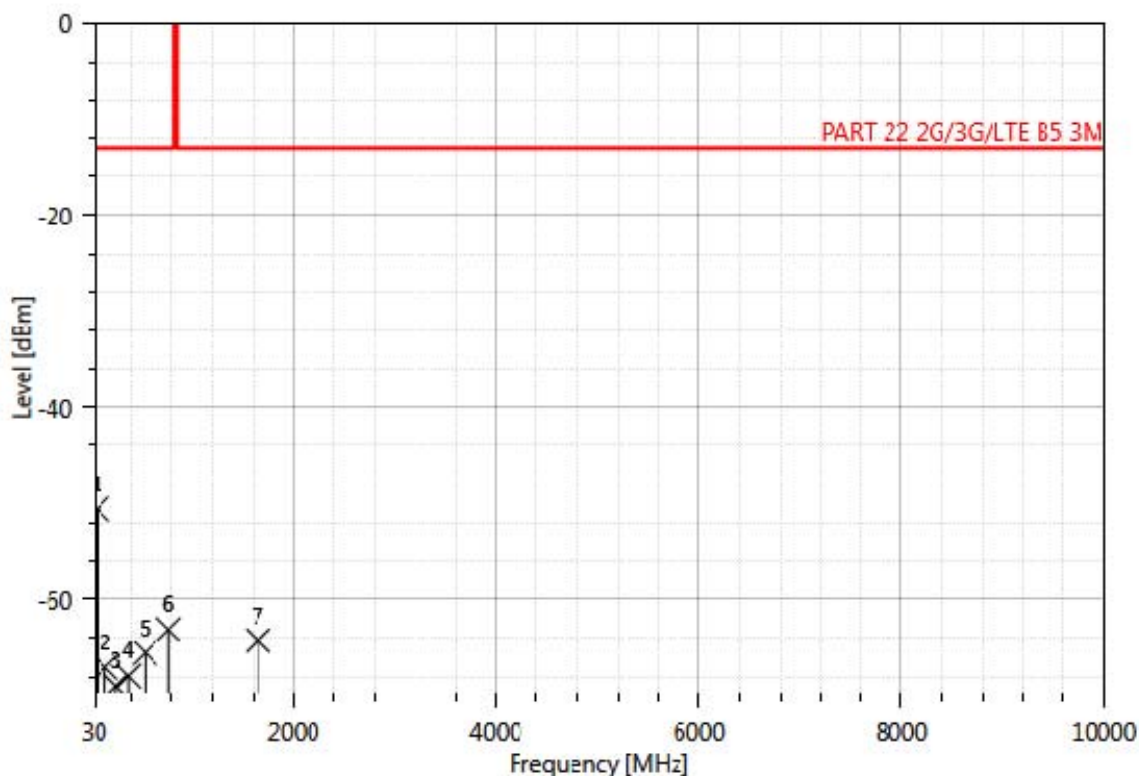
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## 10.6. Measurement Result (Wireless Charging Mode):

### Radiated Spurious Emission Measurement Result: GSM 850 Mode

Operation Mode :	GSM 850	Test Date :	05/04/2016 09:39:37
Fundamental Frequency :	824.2 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
59.10	S	Peak	-50.57	-40.52	-8.97	-1.08	-13.00	-37.57
140.58	S	Peak	-67.06	-63.00	-2.66	-1.40	-13.00	-54.06
245.34	S	Peak	-68.98	-70.60	3.37	-1.75	-13.00	-55.98
367.56	S	Peak	-67.96	-69.62	3.85	-2.18	-13.00	-54.96
531.49	S	Peak	-65.57	-66.74	3.69	-2.51	-13.00	-52.57
765.26	S	Peak	-63.13	-63.38	3.23	-2.98	-13.00	-50.13
1648.40	H	Peak	-64.29	-67.17	7.11	-4.22	-13.00	-51.29

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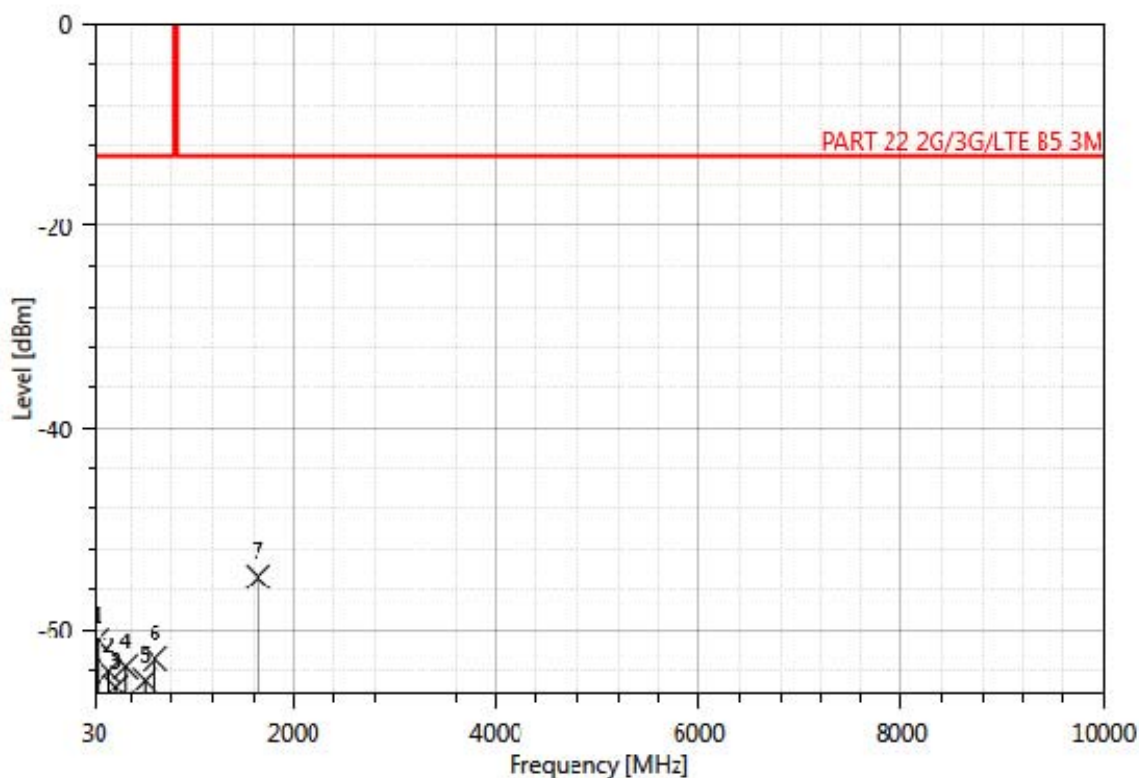
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Operation Mode :	GSM 850	Test Date :	05/04/2016 09:39:45
Fundamental Frequency :	824.2 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-60.98	-51.74	-8.15	-1.09	-13.00	-47.98
177.44	S	Peak	-64.05	-62.94	0.44	-1.55	-13.00	-51.05
246.31	S	Peak	-65.59	-67.22	3.38	-1.75	-13.00	-52.59
340.40	S	Peak	-63.61	-65.46	3.82	-1.97	-13.00	-50.61
529.55	S	Peak	-64.95	-66.16	3.70	-2.49	-13.00	-51.95
631.40	S	Peak	-62.86	-63.57	3.18	-2.46	-13.00	-49.86
1648.40	H	Peak	-54.73	-57.62	7.11	-4.22	-13.00	-41.73

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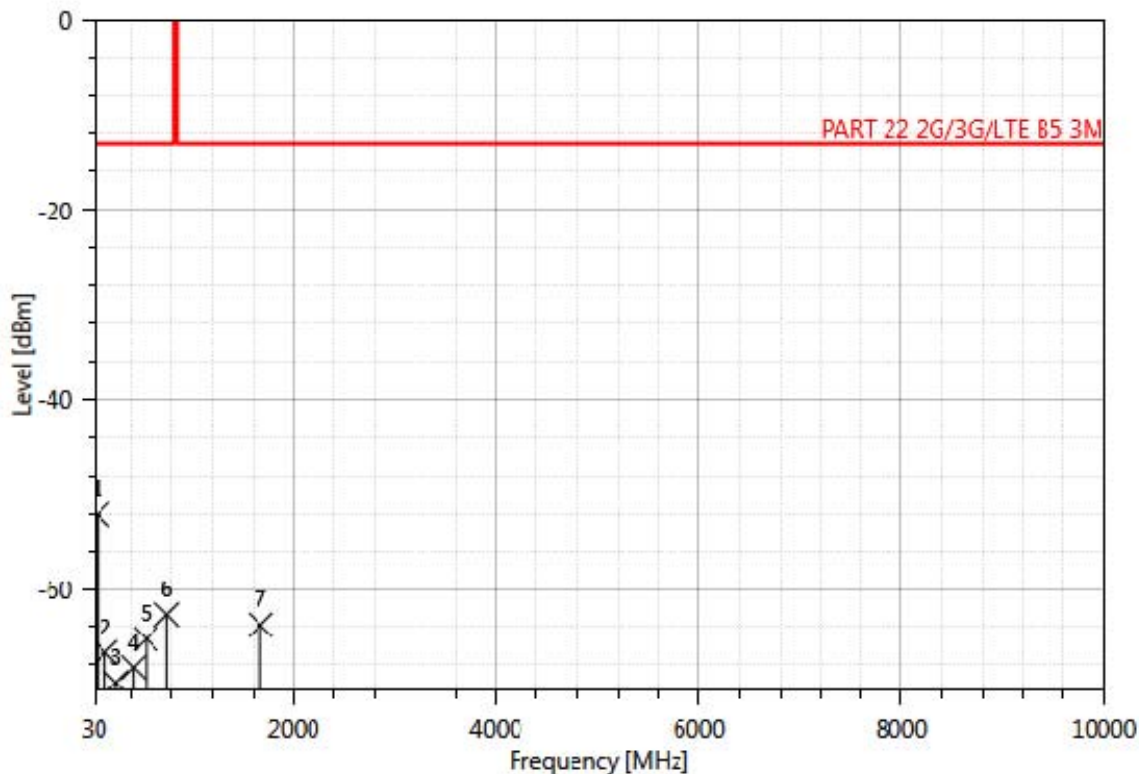
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Operation Mode :	GSM 850	Test Date :	05/04/2016 09:39:52
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-52.08	-42.84	-8.15	-1.09	-13.00	-39.08
139.61	S	Peak	-66.68	-62.60	-2.70	-1.39	-13.00	-53.68
246.31	S	Peak	-69.85	-71.48	3.38	-1.75	-13.00	-56.85
418.00	S	Peak	-68.25	-69.66	3.76	-2.35	-13.00	-55.25
541.19	S	Peak	-65.26	-66.29	3.63	-2.61	-13.00	-52.26
749.74	S	Peak	-62.68	-62.78	3.18	-3.08	-13.00	-49.68
1673.20	H	Peak	-63.77	-66.68	7.20	-4.29	-13.00	-50.77

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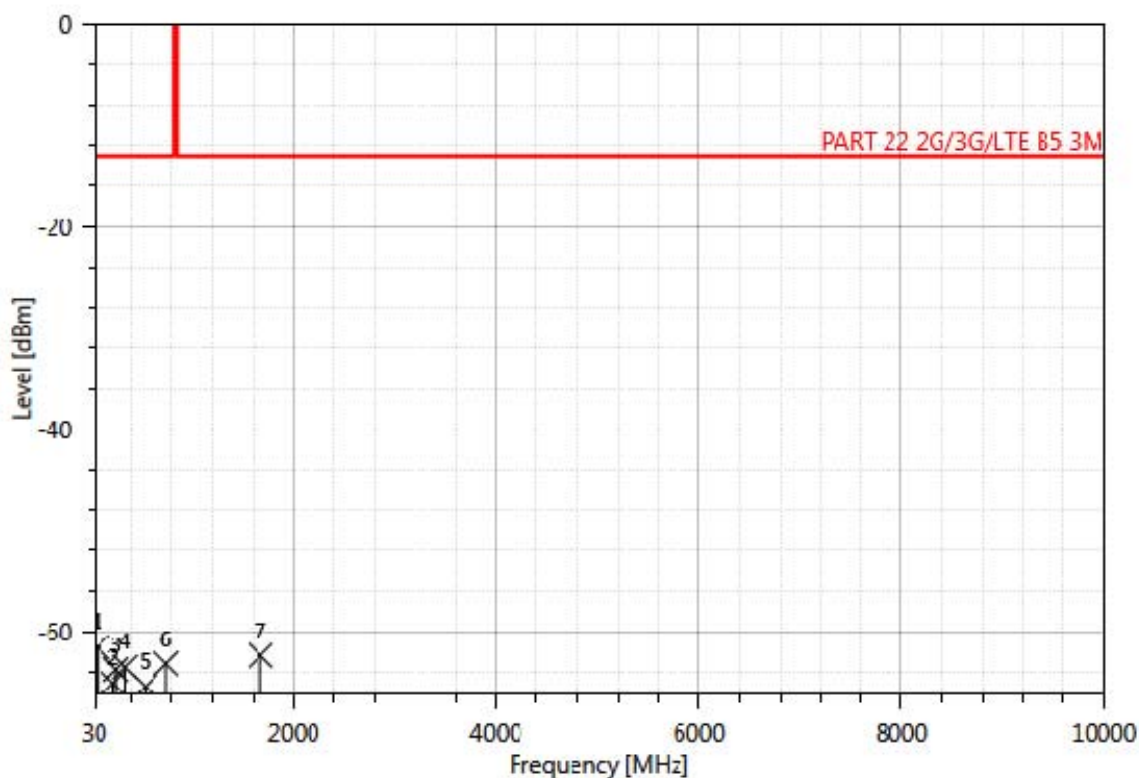
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Operation Mode :	GSM 850	Test Date :	05/04/2016 09:39:59
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-61.52	-52.28	-8.15	-1.09	-13.00	-48.52
217.21	S	Peak	-65.05	-66.74	3.38	-1.69	-13.00	-52.05
246.31	S	Peak	-63.73	-65.36	3.38	-1.75	-13.00	-50.73
335.55	S	Peak	-63.48	-65.35	3.80	-1.93	-13.00	-50.48
532.46	S	Peak	-65.41	-66.57	3.68	-2.52	-13.00	-52.41
741.01	S	Peak	-63.15	-63.18	3.16	-3.13	-13.00	-50.15
1673.20	H	Peak	-62.35	-65.26	7.20	-4.29	-13.00	-49.35

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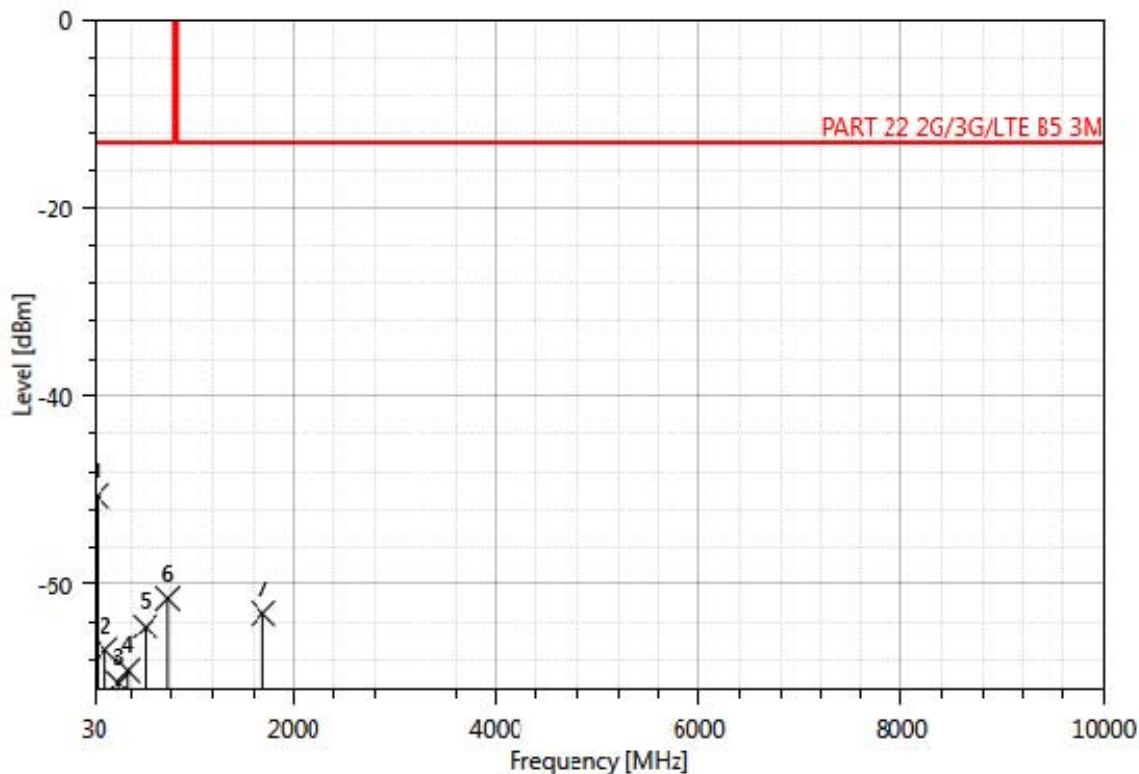
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Operation Mode :	GSM 850	Test Date :	05/04/2016 09:40:07
Fundamental Frequency :	848.8 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-50.58	-40.53	-8.97	-1.08	-13.00	-37.58
140.58	S	Peak	-66.95	-62.89	-2.66	-1.40	-13.00	-53.95
272.50	S	Peak	-70.37	-72.02	3.49	-1.84	-13.00	-57.37
361.74	S	Peak	-69.05	-70.76	3.85	-2.14	-13.00	-56.05
534.40	S	Peak	-64.45	-65.58	3.67	-2.54	-13.00	-51.45
759.44	S	Peak	-61.50	-61.69	3.21	-3.02	-13.00	-48.50
1697.60	H	Peak	-63.02	-65.99	7.28	-4.31	-13.00	-50.02

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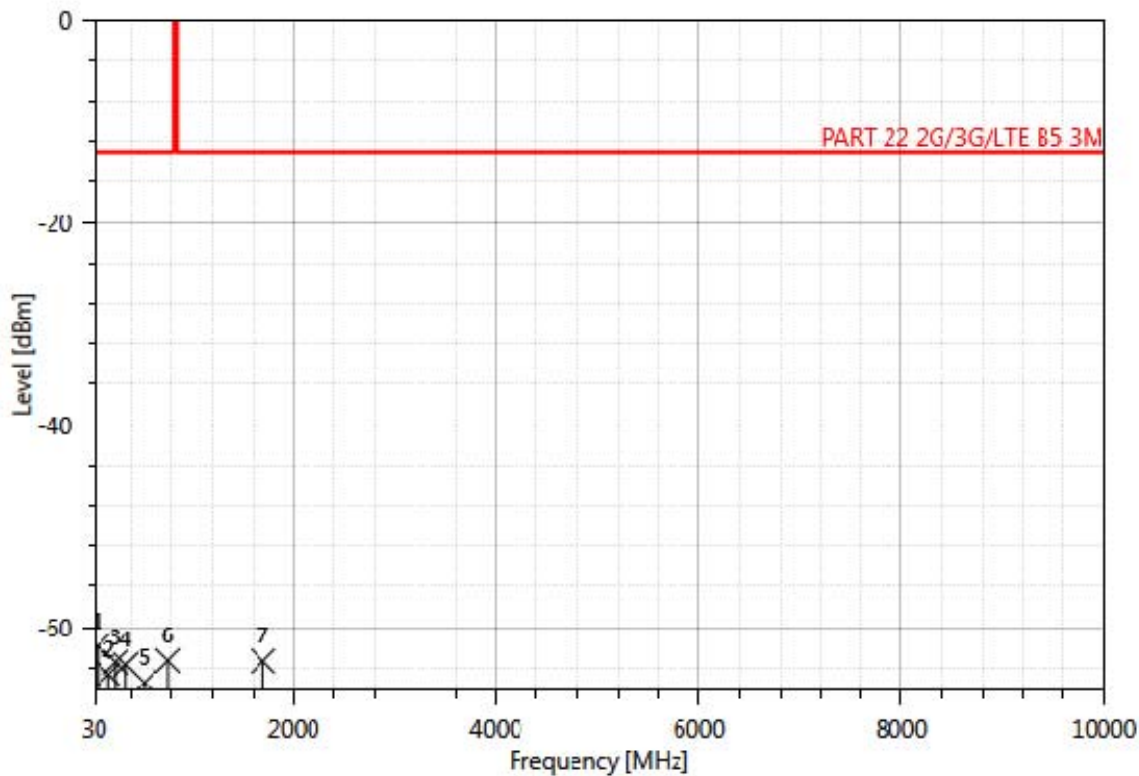
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Operation Mode :	GSM 850	Test Date :	05/04/2016 09:40:14
Fundamental Frequency :	848.8 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
63.95	S	Peak	-61.89	-53.21	-7.58	-1.10	-13.00	-48.89
173.56	S	Peak	-64.65	-62.86	-0.26	-1.53	-13.00	-51.65
243.40	S	Peak	-63.46	-65.06	3.34	-1.75	-13.00	-50.46
340.40	S	Peak	-63.68	-65.53	3.82	-1.97	-13.00	-50.68
521.79	S	Peak	-65.47	-66.80	3.74	-2.41	-13.00	-52.47
760.41	S	Peak	-63.30	-63.50	3.22	-3.01	-13.00	-50.30
1697.60	H	Peak	-63.35	-66.32	7.28	-4.31	-13.00	-50.35

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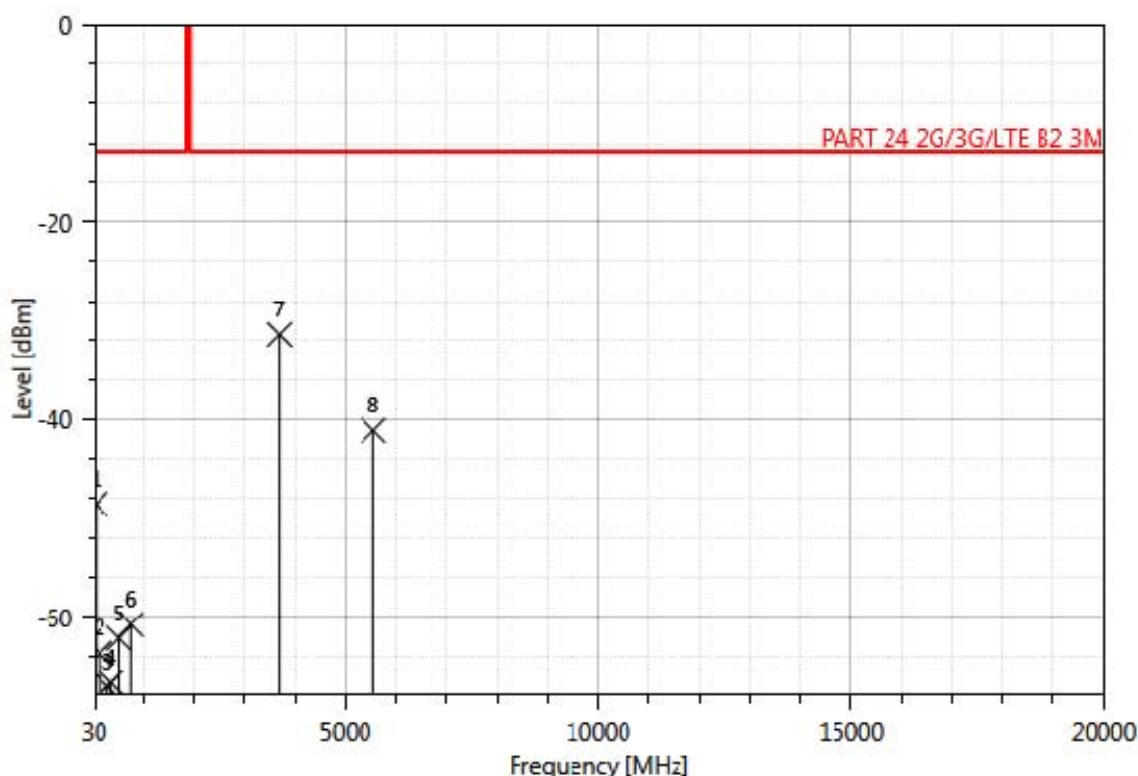
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## Radiated Spurious Emission Measurement Result: GPRS 1900 Mode

Operation Mode :	GPRS 1900	Test Date :	05/04/2016 09:50:34
Fundamental Frequency :	1850.2 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-48.59	-40.69	-6.82	-1.08	-13.00	-35.59
141.55	S	Peak	-63.68	-61.83	-0.45	-1.40	-13.00	-50.68
298.69	S	Peak	-67.09	-70.89	5.75	-1.95	-13.00	-54.09
362.71	S	Peak	-66.69	-70.54	6.00	-2.15	-13.00	-53.69
521.79	S	Peak	-62.16	-65.64	5.89	-2.41	-13.00	-49.16
752.65	S	Peak	-60.78	-63.06	5.34	-3.06	-13.00	-47.78
3700.40	H	Peak	-31.41	-37.27	12.44	-6.58	-13.00	-18.41
5550.60	H	Peak	-41.14	-45.80	12.90	-8.24	-13.00	-28.14

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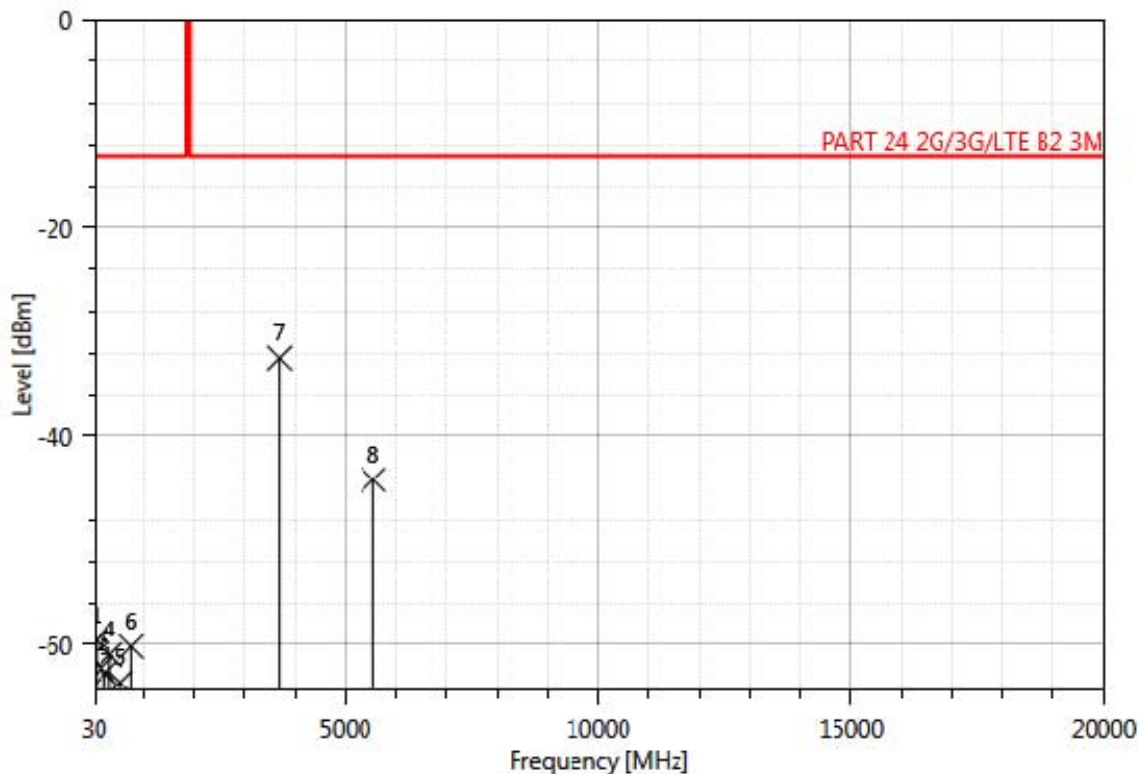
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Operation Mode :	GPRS 1900	Test Date :	05/04/2016 09:50:48
Fundamental Frequency :	1850.2 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-59.59	-52.50	-6.00	-1.09	-13.00	-46.59
178.41	S	Peak	-62.22	-63.42	2.76	-1.55	-13.00	-49.22
250.19	S	Peak	-62.72	-66.56	5.59	-1.76	-13.00	-49.72
342.34	S	Peak	-60.97	-64.96	5.98	-1.99	-13.00	-47.97
547.01	S	Peak	-63.63	-66.71	5.75	-2.67	-13.00	-50.63
757.50	S	Peak	-60.19	-62.52	5.36	-3.03	-13.00	-47.19
3700.40	H	Peak	-32.44	-38.30	12.44	-6.58	-13.00	-19.44
5550.60	H	Peak	-44.15	-48.81	12.90	-8.24	-13.00	-31.15

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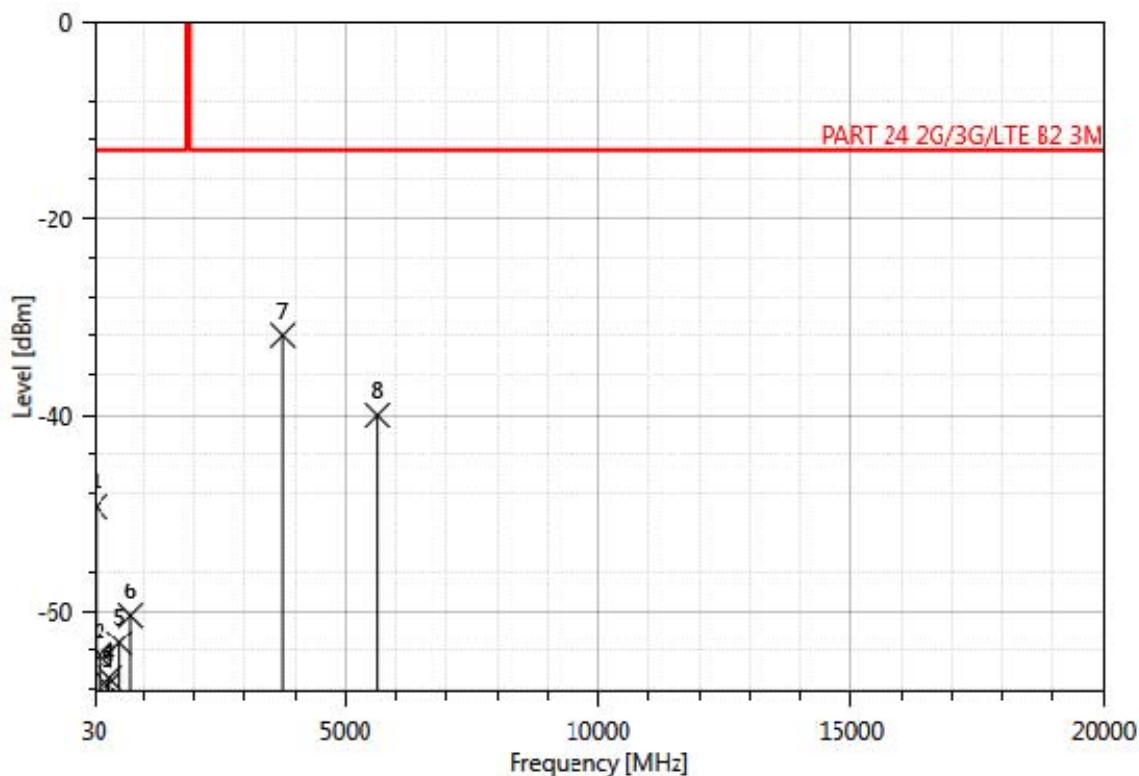
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Operation Mode :	GPRS 1900	Test Date :	05/04/2016 09:51:01
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-49.37	-41.47	-6.82	-1.08	-13.00	-36.37
138.64	S	Peak	-64.50	-62.57	-0.54	-1.39	-13.00	-51.50
299.66	S	Peak	-67.49	-71.31	5.77	-1.95	-13.00	-54.49
332.64	S	Peak	-66.77	-70.79	5.93	-1.91	-13.00	-53.77
527.61	S	Peak	-63.27	-66.65	5.86	-2.47	-13.00	-50.27
742.95	S	Peak	-60.43	-62.63	5.32	-3.12	-13.00	-47.43
3760.00	H	Peak	-31.96	-37.82	12.45	-6.60	-13.00	-18.96
5640.00	H	Peak	-40.02	-44.55	12.90	-8.36	-13.00	-27.02

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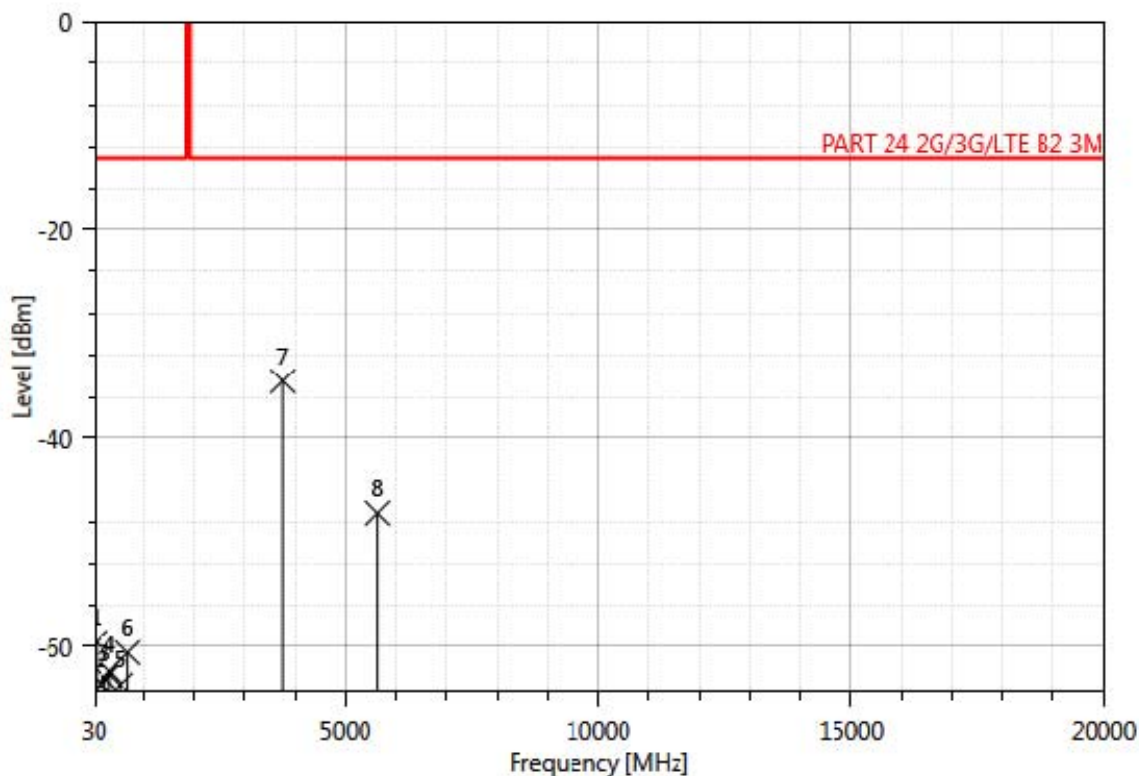
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Operation Mode :	GPRS 1900	Test Date :	05/04/2016 09:51:15
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-59.58	-52.49	-6.00	-1.09	-13.00	-46.58
177.44	S	Peak	-63.63	-64.66	2.59	-1.55	-13.00	-50.63
251.16	S	Peak	-63.03	-66.88	5.62	-1.76	-13.00	-50.03
340.40	S	Peak	-62.31	-66.30	5.97	-1.97	-13.00	-49.31
548.95	S	Peak	-63.63	-66.68	5.74	-2.69	-13.00	-50.63
686.69	S	Peak	-60.58	-63.08	5.25	-2.74	-13.00	-47.58
3760.00	H	Peak	-34.50	-40.35	12.45	-6.60	-13.00	-21.50
5640.00	H	Peak	-47.15	-51.69	12.90	-8.36	-13.00	-34.15

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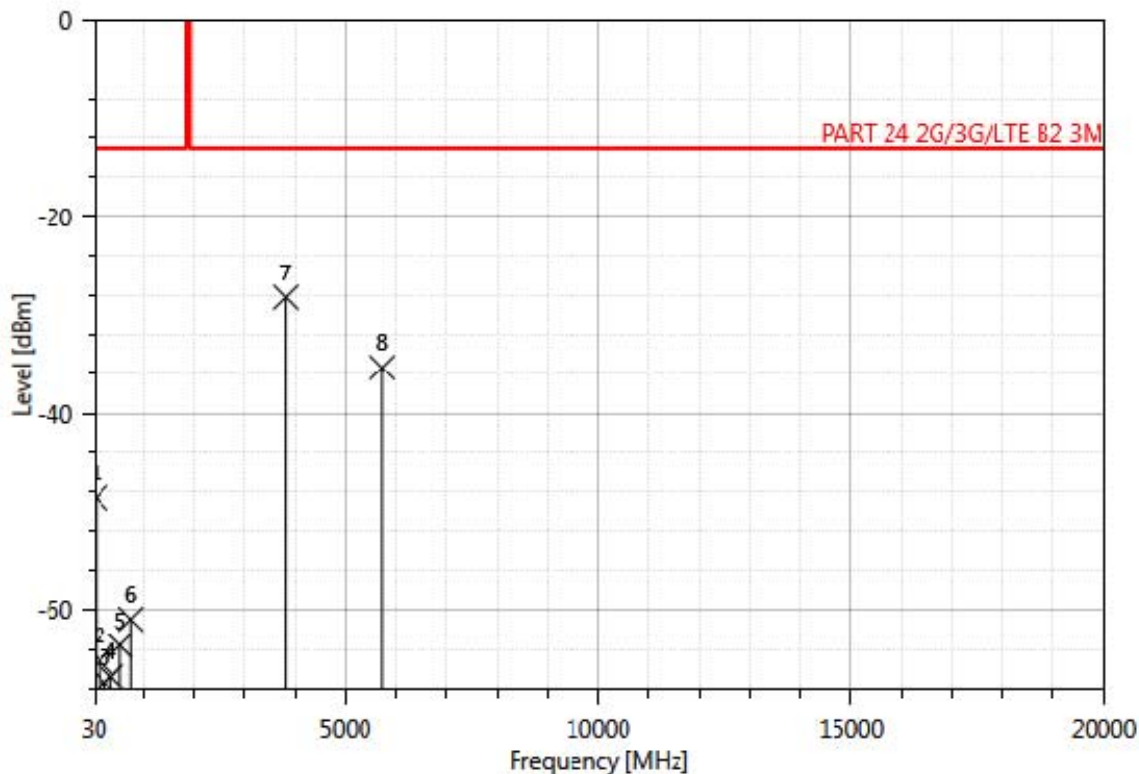
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Operation Mode :	GPRS 1900	Test Date :	05/04/2016 09:51:29
Fundamental Frequency :	1909.8 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-48.61	-40.71	-6.82	-1.08	-13.00	-35.61
143.49	S	Peak	-65.14	-63.40	-0.33	-1.41	-13.00	-52.14
243.40	S	Peak	-67.38	-71.13	5.49	-1.75	-13.00	-54.38
356.89	S	Peak	-66.72	-70.62	6.01	-2.10	-13.00	-53.72
539.25	S	Peak	-63.60	-66.80	5.79	-2.59	-13.00	-50.60
749.74	S	Peak	-60.95	-63.21	5.33	-3.08	-13.00	-47.95
3819.60	H	Peak	-28.18	-34.00	12.47	-6.65	-13.00	-15.18
5729.40	H	Peak	-35.36	-39.87	12.90	-8.39	-13.00	-22.36

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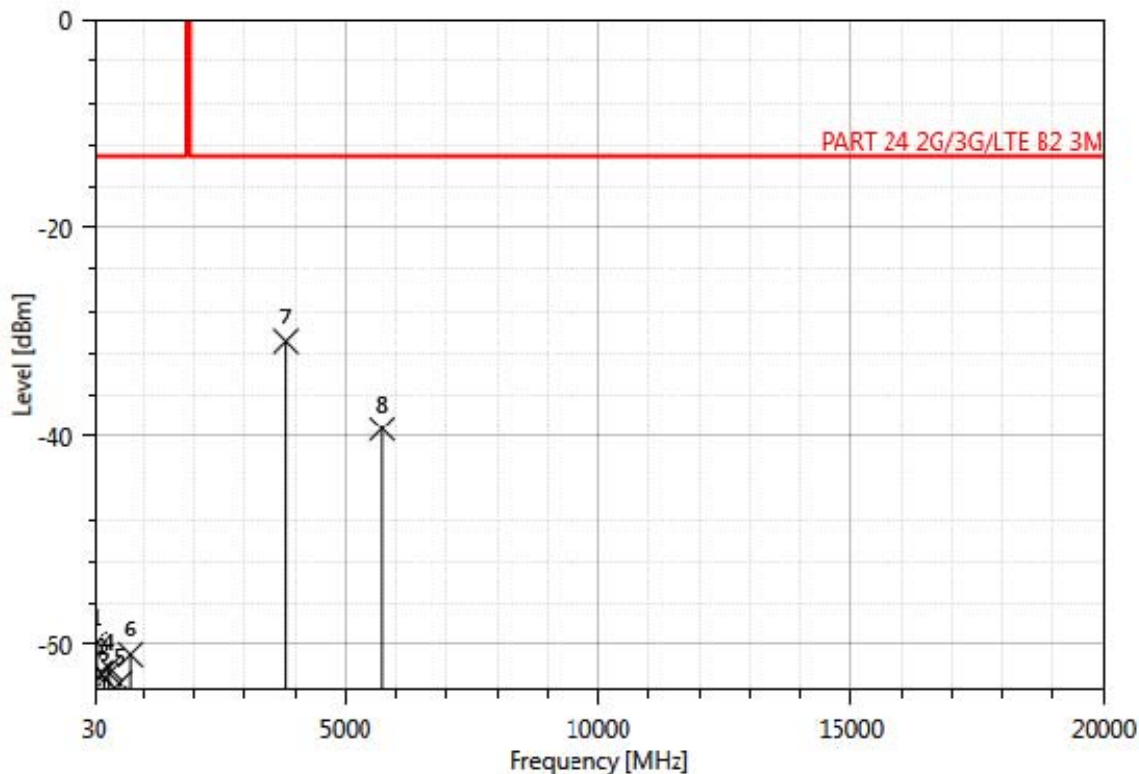
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Operation Mode :	GPRS 1900	Test Date :	05/04/2016 09:51:43
Fundamental Frequency :	1909.8 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-59.81	-52.72	-6.00	-1.09	-13.00	-46.81
170.65	S	Peak	-62.64	-62.48	1.36	-1.52	-13.00	-49.64
245.34	S	Peak	-63.12	-66.89	5.52	-1.75	-13.00	-50.12
333.61	S	Peak	-62.16	-66.18	5.94	-1.92	-13.00	-49.16
537.31	S	Peak	-63.60	-66.84	5.80	-2.57	-13.00	-50.60
744.89	S	Peak	-60.94	-63.16	5.32	-3.11	-13.00	-47.94
3819.60	H	Peak	-30.86	-36.68	12.47	-6.65	-13.00	-17.86
5729.40	H	Peak	-39.25	-43.76	12.90	-8.39	-13.00	-26.25

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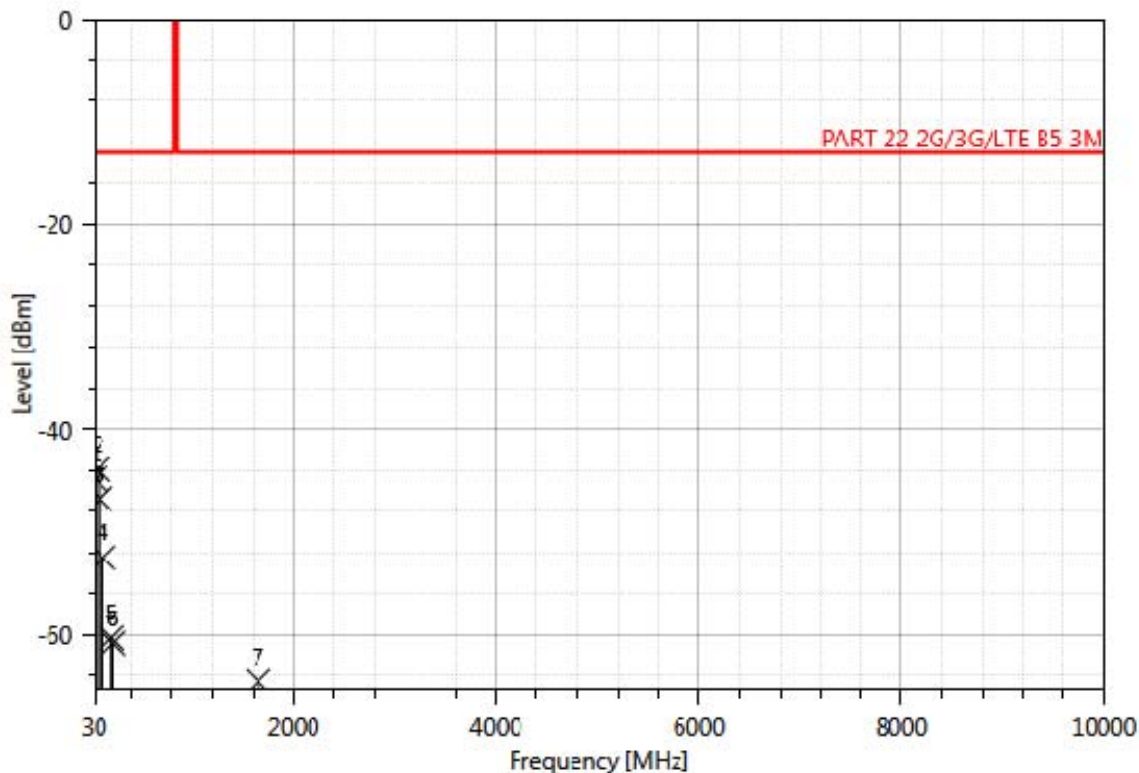
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## Radiated Spurious Emission Measurement Result: CDMA BC0 Mode

Operation Mode :	CDMA 850	Test Date :	01/11/2017
Fundamental Frequency :	824.7 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
41.64	S	Peak	-44.80	-33.12	-10.68	-1.00	-13.00	-31.80
68.80	S	Peak	-43.90	-38.69	-4.09	-1.11	-13.00	-30.90
90.14	S	Peak	-46.76	-47.25	1.70	-1.21	-13.00	-33.76
119.24	S	Peak	-52.50	-50.89	-0.29	-1.32	-13.00	-39.50
202.66	S	Peak	-60.32	-64.04	5.37	-1.65	-13.00	-47.32
217.21	S	Peak	-60.85	-64.69	5.53	-1.69	-13.00	-47.85
1649.40	H	Peak	-64.61	-67.50	7.11	-4.23	-13.00	-51.61

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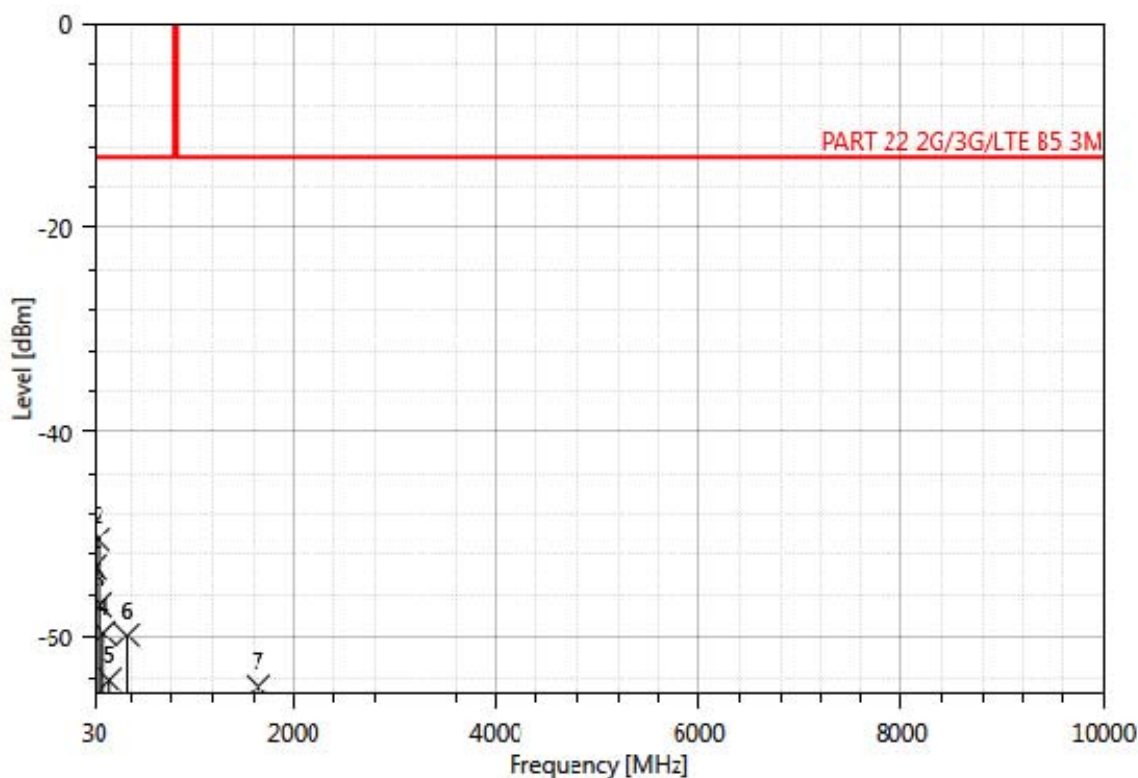
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Operation Mode :	CDMA 850	Test Date :	01/11/2017
Fundamental Frequency :	824.7 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
39.70	S	Peak	-53.19	-41.24	-10.96	-0.99	-13.00	-40.19
68.80	S	Peak	-50.50	-45.30	-4.09	-1.11	-13.00	-37.50
90.14	S	Peak	-56.92	-57.41	1.70	-1.21	-13.00	-43.92
124.09	S	Peak	-59.63	-57.92	-0.37	-1.34	-13.00	-46.63
182.29	S	Peak	-64.23	-66.09	3.43	-1.57	-13.00	-51.23
354.95	S	Peak	-59.88	-63.80	6.01	-2.09	-13.00	-46.88
1649.40	H	Peak	-64.90	-67.79	7.11	-4.23	-13.00	-51.90

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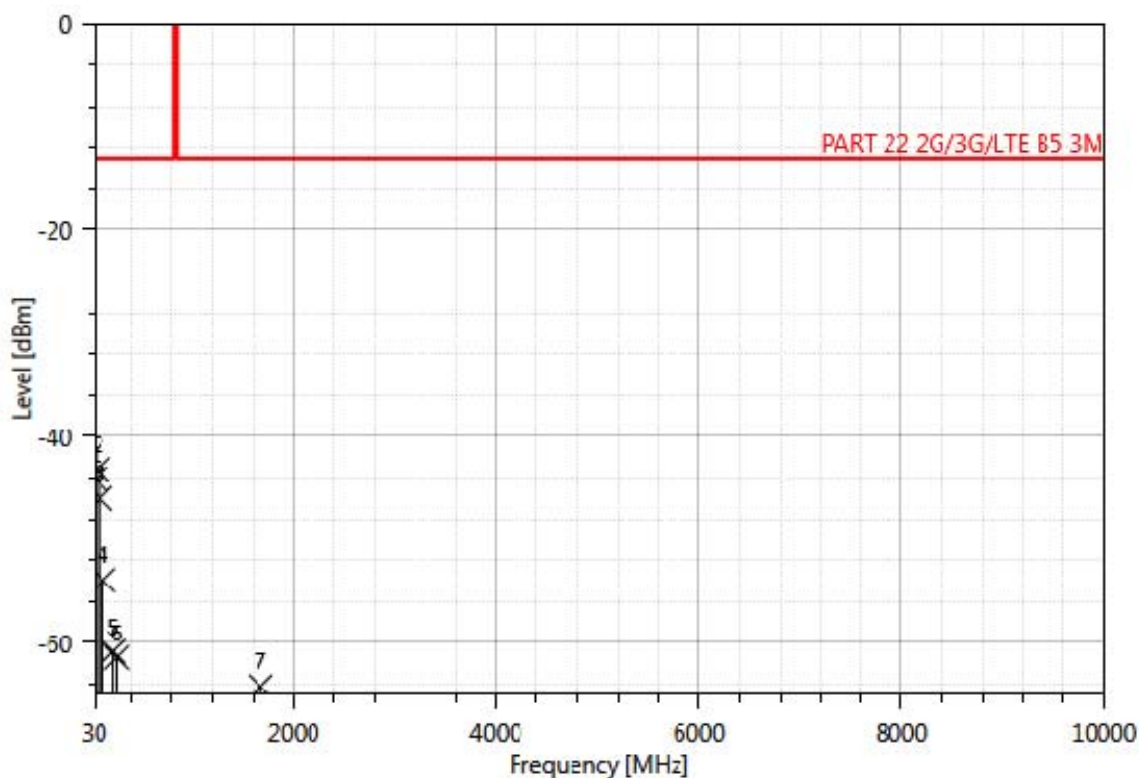
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Operation Mode :	CDMA 850	Test Date :	01/11/2017
Fundamental Frequency :	836.52 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-44.13	-32.45	-10.68	-1.00	-13.00	-31.13
68.80	S	Peak	-43.23	-38.03	-4.09	-1.11	-13.00	-30.23
90.14	S	Peak	-46.04	-46.53	1.70	-1.21	-13.00	-33.04
119.24	S	Peak	-53.94	-52.33	-0.29	-1.32	-13.00	-40.94
219.15	S	Peak	-60.88	-64.67	5.49	-1.70	-13.00	-47.88
256.01	S	Peak	-61.47	-65.43	5.73	-1.77	-13.00	-48.47
1673.04	H	Peak	-64.26	-67.17	7.20	-4.29	-13.00	-51.26

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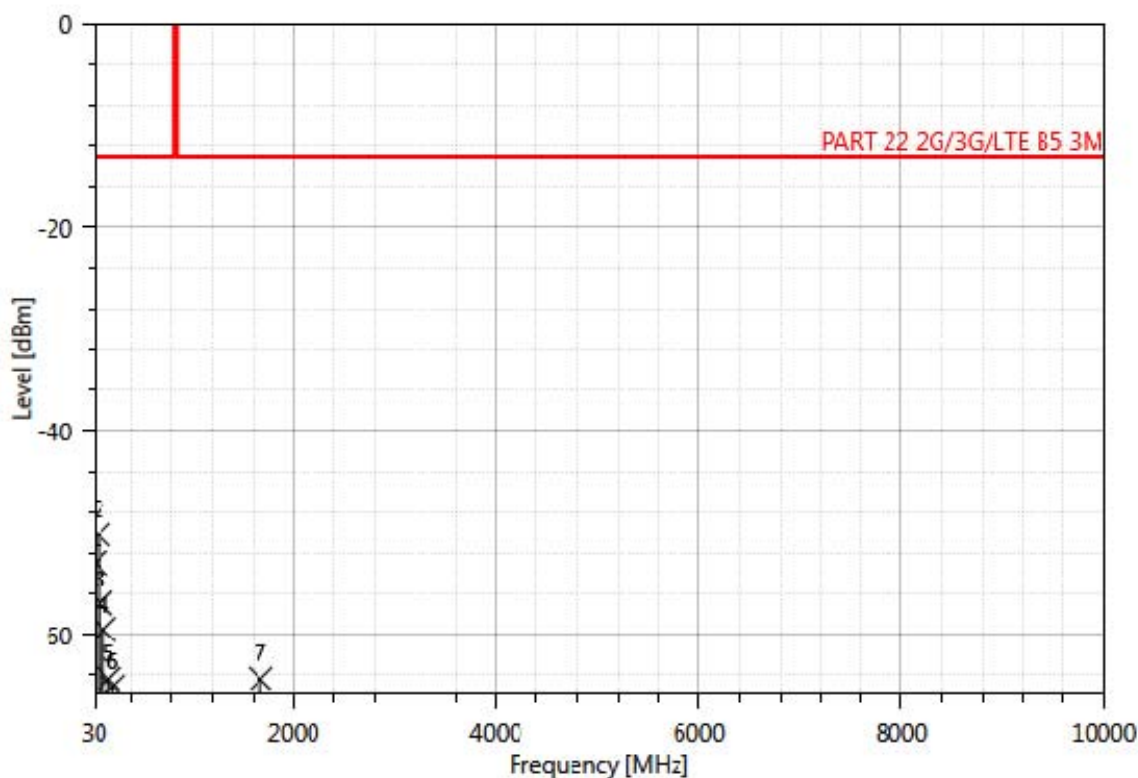
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Operation Mode :	CDMA 850	Test Date :	01/11/2017
Fundamental Frequency :	836.52 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
39.70	S	Peak	-53.00	-41.04	-10.96	-0.99	-13.00	-40.00
68.80	S	Peak	-50.18	-44.98	-4.09	-1.11	-13.00	-37.18
90.14	S	Peak	-56.96	-57.45	1.70	-1.21	-13.00	-43.96
124.09	S	Peak	-59.53	-57.82	-0.37	-1.34	-13.00	-46.53
173.56	S	Peak	-64.37	-64.73	1.89	-1.53	-13.00	-51.37
212.36	S	Peak	-65.14	-69.08	5.63	-1.68	-13.00	-52.14
1673.04	H	Peak	-64.38	-67.29	7.20	-4.29	-13.00	-51.38

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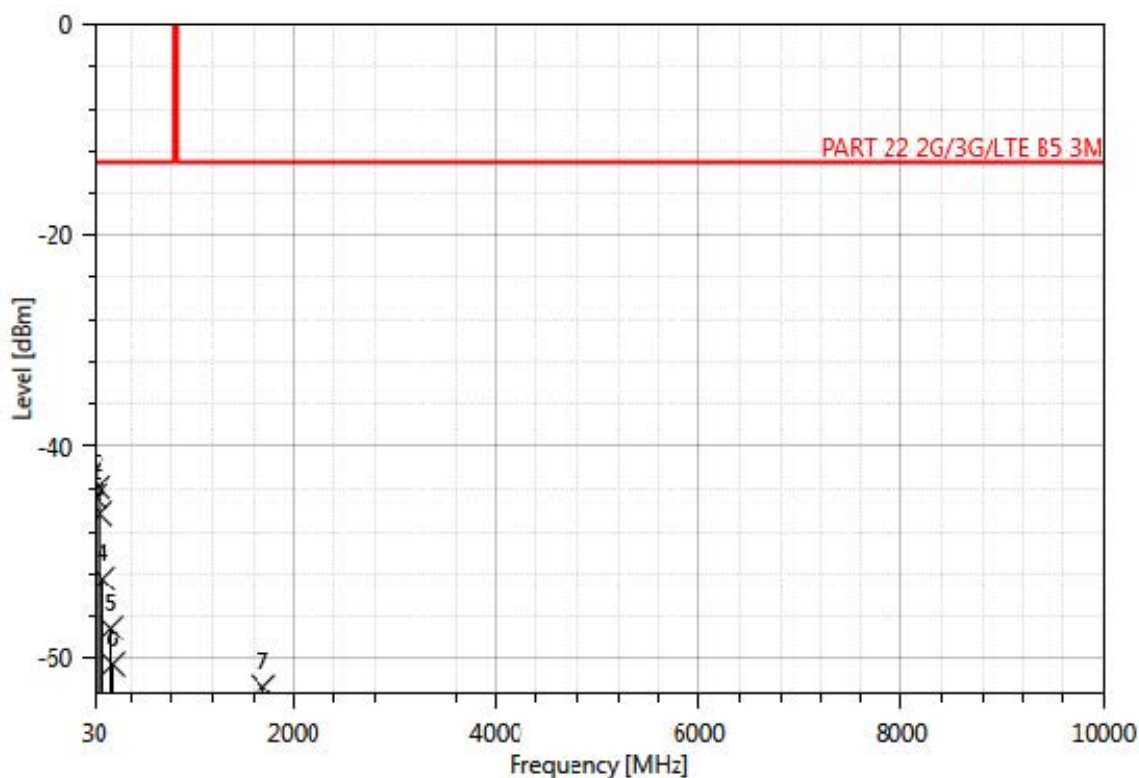
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Operation Mode :	CDMA 850	Test Date :	01/11/2017
Fundamental Frequency :	848.31 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
41.64	S	Peak	-44.74	-33.06	-10.68	-1.00	-13.00	-31.74
68.80	S	Peak	-43.84	-38.64	-4.09	-1.11	-13.00	-30.84
90.14	S	Peak	-46.32	-46.81	1.70	-1.21	-13.00	-33.32
117.30	S	Peak	-52.50	-50.88	-0.30	-1.31	-13.00	-39.50
197.81	S	Peak	-57.16	-60.66	5.13	-1.63	-13.00	-44.16
217.21	S	Peak	-60.60	-64.43	5.53	-1.69	-13.00	-47.60
1696.62	H	Peak	-62.71	-65.68	7.28	-4.31	-13.00	-49.71

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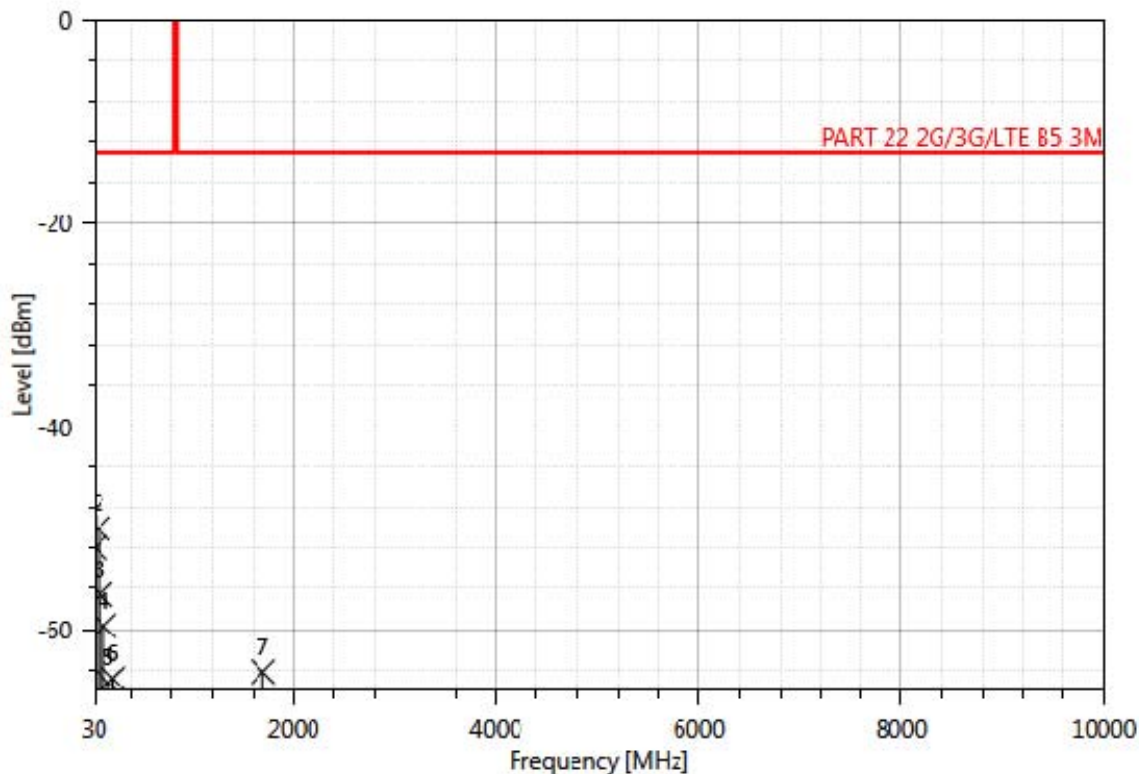
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Operation Mode :	CDMA 850	Test Date :	01/11/2017
Fundamental Frequency :	848.31 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
39.70	S	Peak	-51.98	-40.02	-10.96	-0.99	-13.00	-38.98
68.80	S	Peak	-50.10	-44.90	-4.09	-1.11	-13.00	-37.10
90.14	S	Peak	-56.62	-57.11	1.70	-1.21	-13.00	-43.62
127.00	S	Peak	-59.67	-57.89	-0.43	-1.35	-13.00	-46.67
170.65	S	Peak	-65.25	-65.09	1.36	-1.52	-13.00	-52.25
217.21	S	Peak	-64.83	-68.67	5.53	-1.69	-13.00	-51.83
1696.62	H	Peak	-64.18	-67.15	7.28	-4.31	-13.00	-51.18

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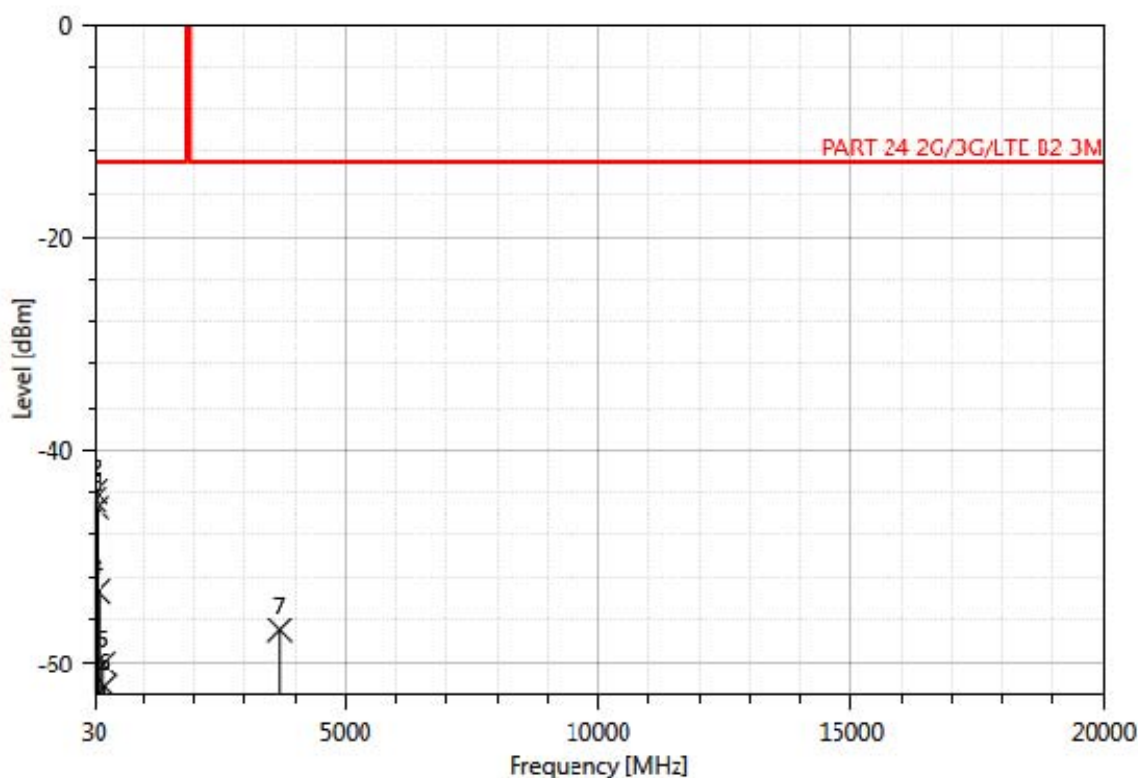
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## Radiated Spurious Emission Measurement Result: CDMA BC1 Mode

Operation Mode :	CDMA 1900	Test Date :	01/11/2017
Fundamental Frequency :	1851.25 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
41.64	S	Peak	-44.66	-32.98	-10.68	-1.00	-13.00	-31.66
68.80	S	Peak	-43.91	-38.71	-4.09	-1.11	-13.00	-30.91
90.14	S	Peak	-45.47	-45.96	1.70	-1.21	-13.00	-32.47
119.24	S	Peak	-53.32	-51.70	-0.29	-1.32	-13.00	-40.32
216.24	S	Peak	-60.10	-63.96	5.55	-1.69	-13.00	-47.10
250.19	S	Peak	-62.29	-66.12	5.59	-1.76	-13.00	-49.29
3702.50	H	Peak	-56.98	-62.84	12.44	-6.58	-13.00	-43.98

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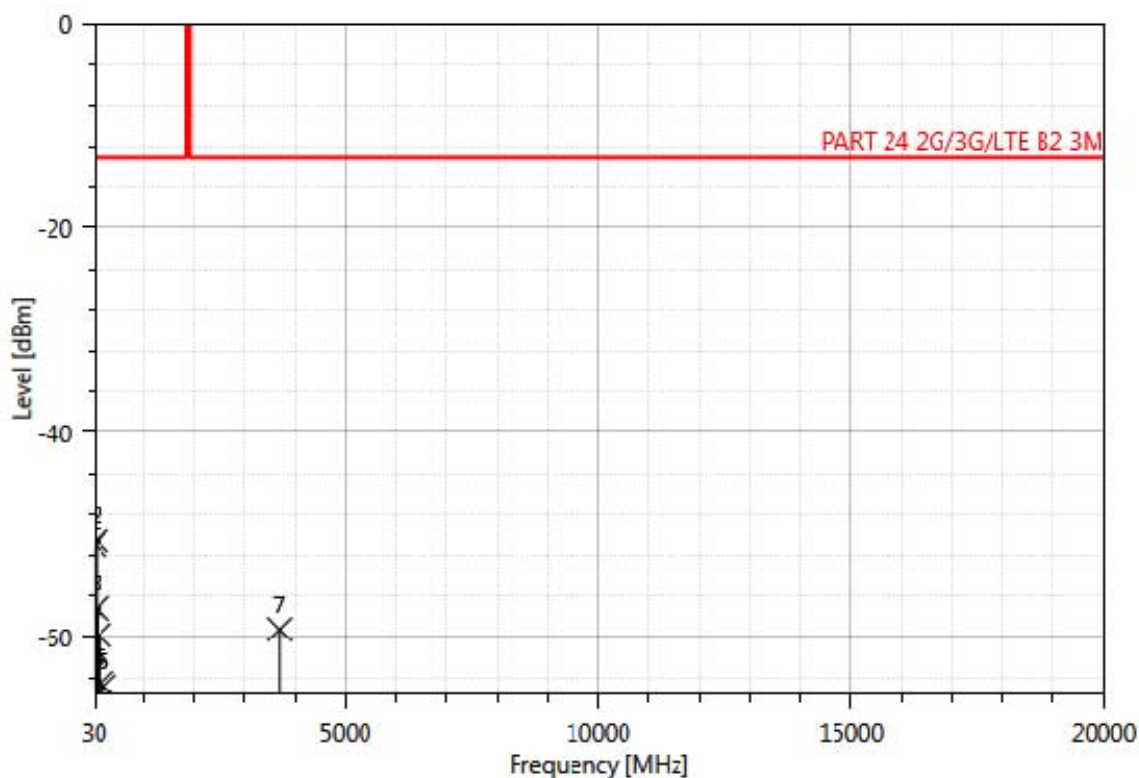
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Operation Mode :	CDMA 1900	Test Date :	01/11/2017
Fundamental Frequency :	1851.25 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
41.64	S	Peak	-51.02	-39.33	-10.68	-1.00	-13.00	-38.02
68.80	S	Peak	-50.55	-45.35	-4.09	-1.11	-13.00	-37.55
90.14	S	Peak	-57.23	-57.72	1.70	-1.21	-13.00	-44.23
124.09	S	Peak	-59.83	-58.12	-0.37	-1.34	-13.00	-46.83
173.56	S	Peak	-64.51	-64.86	1.89	-1.53	-13.00	-51.51
216.24	S	Peak	-64.86	-68.72	5.55	-1.69	-13.00	-51.86
3702.50	H	Peak	-59.27	-65.13	12.44	-6.58	-13.00	-46.27

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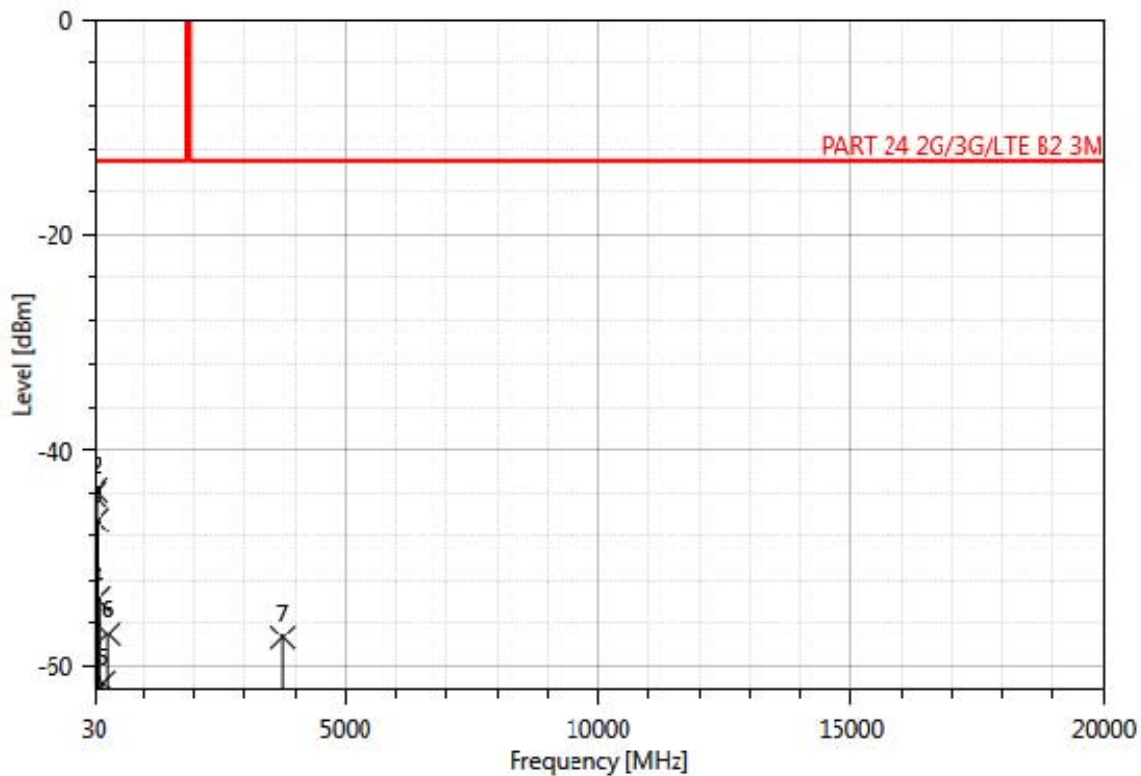
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Operation Mode :	CDMA 1900	Test Date :	01/11/2017
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
41.64	S	Peak	-44.13	-32.45	-10.68	-1.00	-13.00	-31.13
68.80	S	Peak	-43.70	-38.50	-4.09	-1.11	-13.00	-30.70
90.14	S	Peak	-46.47	-46.96	1.70	-1.21	-13.00	-33.47
119.24	S	Peak	-53.82	-52.21	-0.29	-1.32	-13.00	-40.82
216.24	S	Peak	-61.54	-65.40	5.55	-1.69	-13.00	-48.54
313.24	S	Peak	-57.04	-60.95	5.84	-1.93	-13.00	-44.04
3760.00	H	Peak	-57.36	-63.22	12.45	-6.60	-13.00	-44.36

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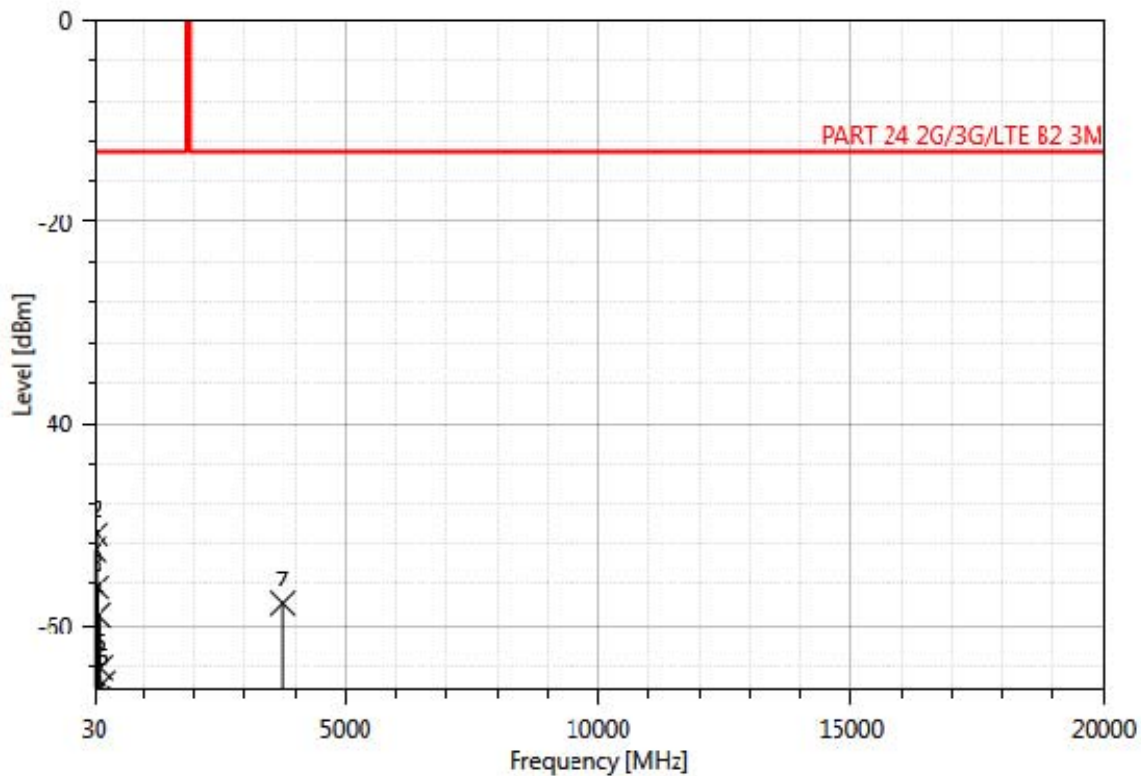
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Operation Mode :	CDMA 1900	Test Date :	01/11/2017
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
39.70	S	Peak	-52.51	-40.56	-10.96	-0.99	-13.00	-39.51
68.80	S	Peak	-50.98	-45.78	-4.09	-1.11	-13.00	-37.98
90.14	S	Peak	-56.23	-56.72	1.70	-1.21	-13.00	-43.23
124.09	S	Peak	-58.97	-57.26	-0.37	-1.34	-13.00	-45.97
172.59	S	Peak	-64.18	-64.37	1.71	-1.53	-13.00	-51.18
217.21	S	Peak	-65.67	-69.51	5.53	-1.69	-13.00	-52.67
3760.00	H	Peak	-57.84	-63.69	12.45	-6.60	-13.00	-44.84

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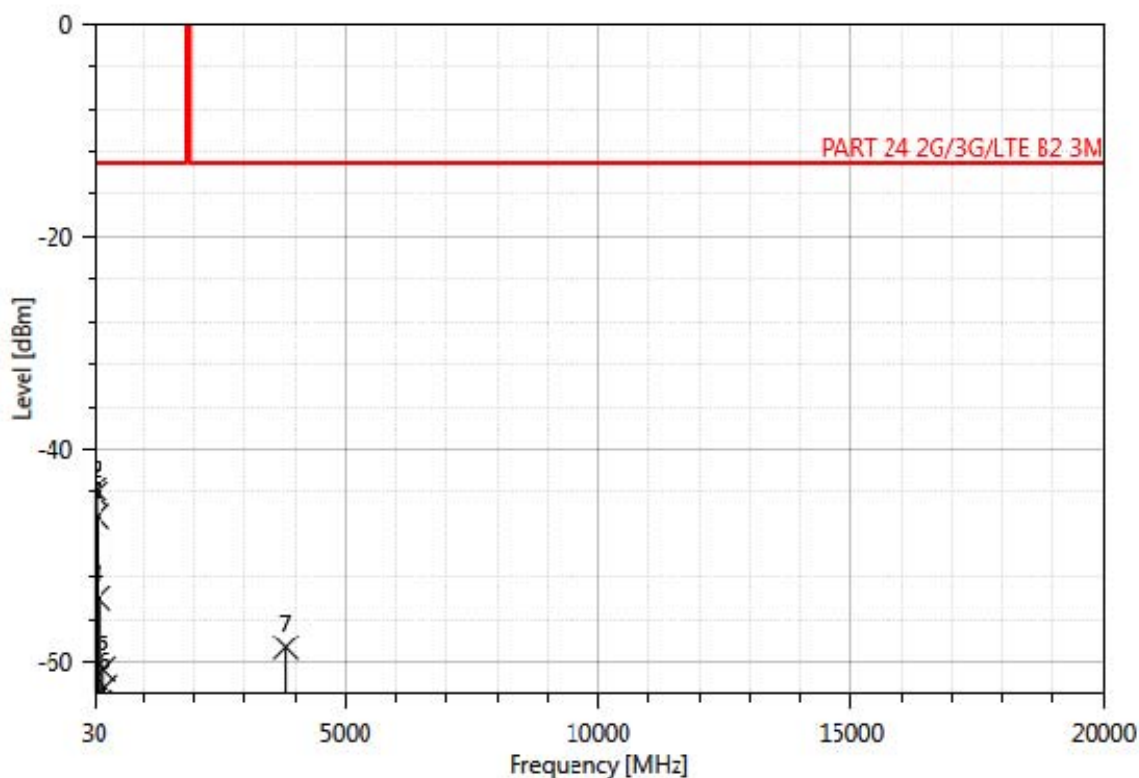
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Operation Mode :	CDMA 1900	Test Date :	01/11/2017
Fundamental Frequency :	1908.75 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
41.64	S	Peak	-43.72	-32.03	-10.68	-1.00	-13.00	-30.72
68.80	S	Peak	-44.25	-39.04	-4.09	-1.11	-13.00	-31.25
90.14	S	Peak	-46.27	-46.76	1.70	-1.21	-13.00	-33.27
117.30	S	Peak	-54.04	-52.42	-0.30	-1.31	-13.00	-41.04
216.24	S	Peak	-60.66	-64.52	5.55	-1.69	-13.00	-47.66
248.25	S	Peak	-62.31	-66.12	5.56	-1.75	-13.00	-49.31
3817.50	H	Peak	-58.66	-64.48	12.47	-6.64	-13.00	-45.66

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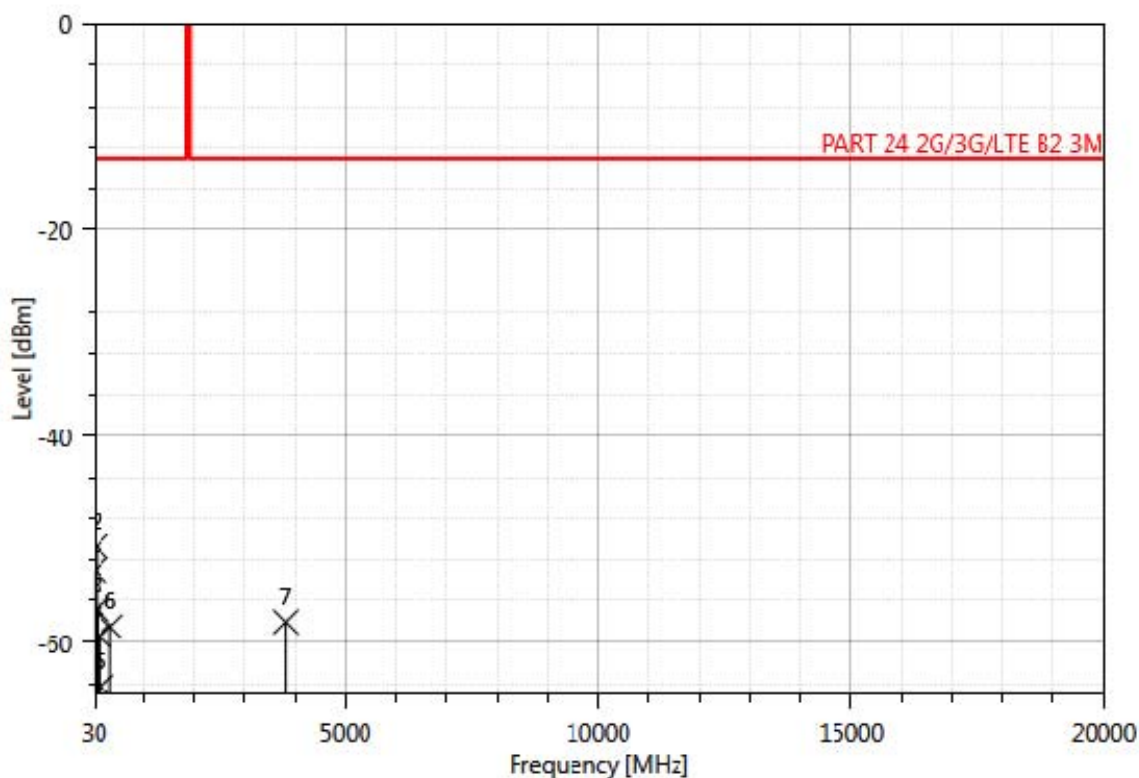
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Operation Mode :	CDMA 1900	Test Date :	01/11/2017
Fundamental Frequency :	1908.75 MHz	Temp. / Humi. :	21 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
41.64	S	Peak	-53.01	-41.32	-10.68	-1.00	-13.00	-40.01
68.80	S	Peak	-50.73	-45.53	-4.09	-1.11	-13.00	-37.73
90.14	S	Peak	-56.85	-57.33	1.70	-1.21	-13.00	-43.85
125.06	S	Peak	-59.34	-57.60	-0.39	-1.34	-13.00	-46.34
170.65	S	Peak	-64.30	-64.14	1.36	-1.52	-13.00	-51.30
353.01	S	Peak	-58.50	-62.44	6.01	-2.07	-13.00	-45.50
3817.50	H	Peak	-58.03	-63.85	12.47	-6.64	-13.00	-45.03

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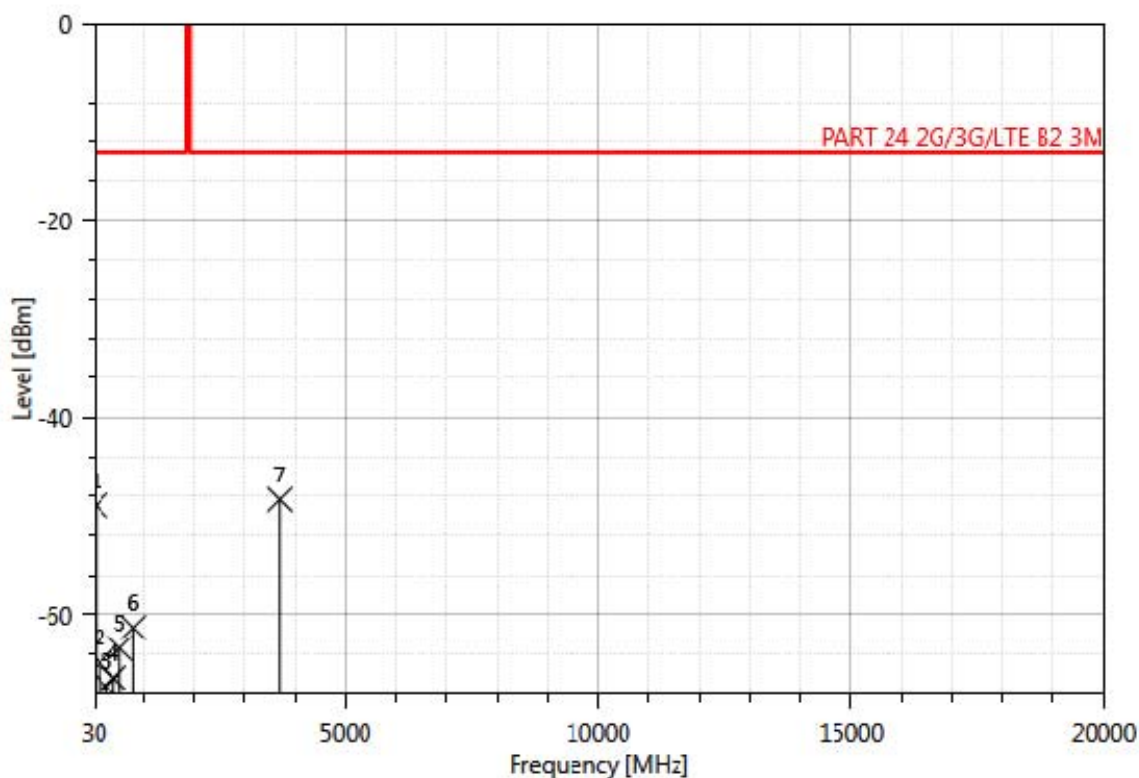
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## Radiated Spurious Emission Measurement Result: HSDPA II Mode

Operation Mode :	HSDPA B2	Test Date :	05/04/2016 09:51:57
Fundamental Frequency :	1852.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-48.91	-41.01	-6.82	-1.08	-13.00	-35.91
141.55	S	Peak	-64.90	-63.05	-0.45	-1.40	-13.00	-51.90
280.26	S	Peak	-67.32	-71.02	5.57	-1.88	-13.00	-54.32
413.15	S	Peak	-66.43	-69.97	5.92	-2.38	-13.00	-53.43
534.40	S	Peak	-63.43	-66.71	5.82	-2.54	-13.00	-50.43
798.24	S	Peak	-61.33	-63.91	5.49	-2.90	-13.00	-48.33
3704.80	H	Peak	-48.33	-54.19	12.44	-6.58	-13.00	-35.33

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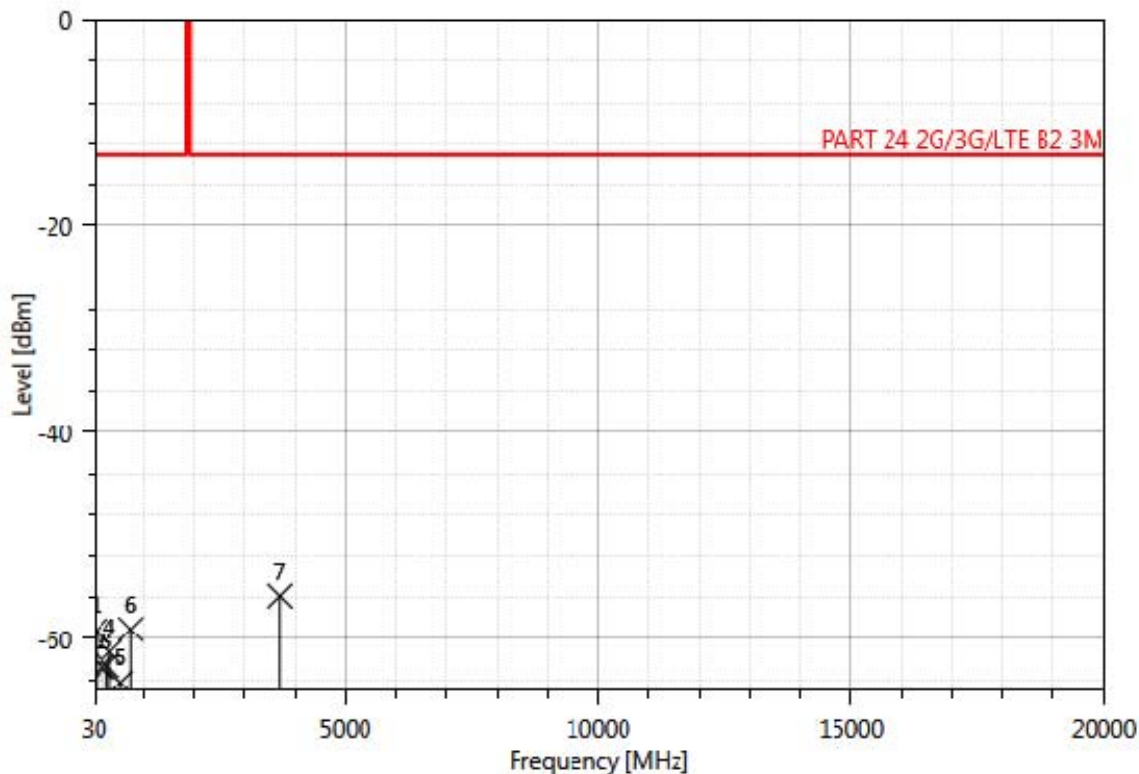
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Operation Mode :	HSDPA B2	Test Date :	05/04/2016 09:52:10
Fundamental Frequency :	1852.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-59.25	-52.16	-6.00	-1.09	-13.00	-46.25
173.56	S	Peak	-62.76	-63.12	1.89	-1.53	-13.00	-49.76
282.20	S	Peak	-62.60	-66.29	5.57	-1.89	-13.00	-49.60
340.40	S	Peak	-61.31	-65.31	5.97	-1.97	-13.00	-48.31
549.92	S	Peak	-64.28	-67.32	5.74	-2.70	-13.00	-51.28
749.74	S	Peak	-59.12	-61.37	5.33	-3.08	-13.00	-46.12
3704.80	H	Peak	-55.94	-61.80	12.44	-6.58	-13.00	-42.94

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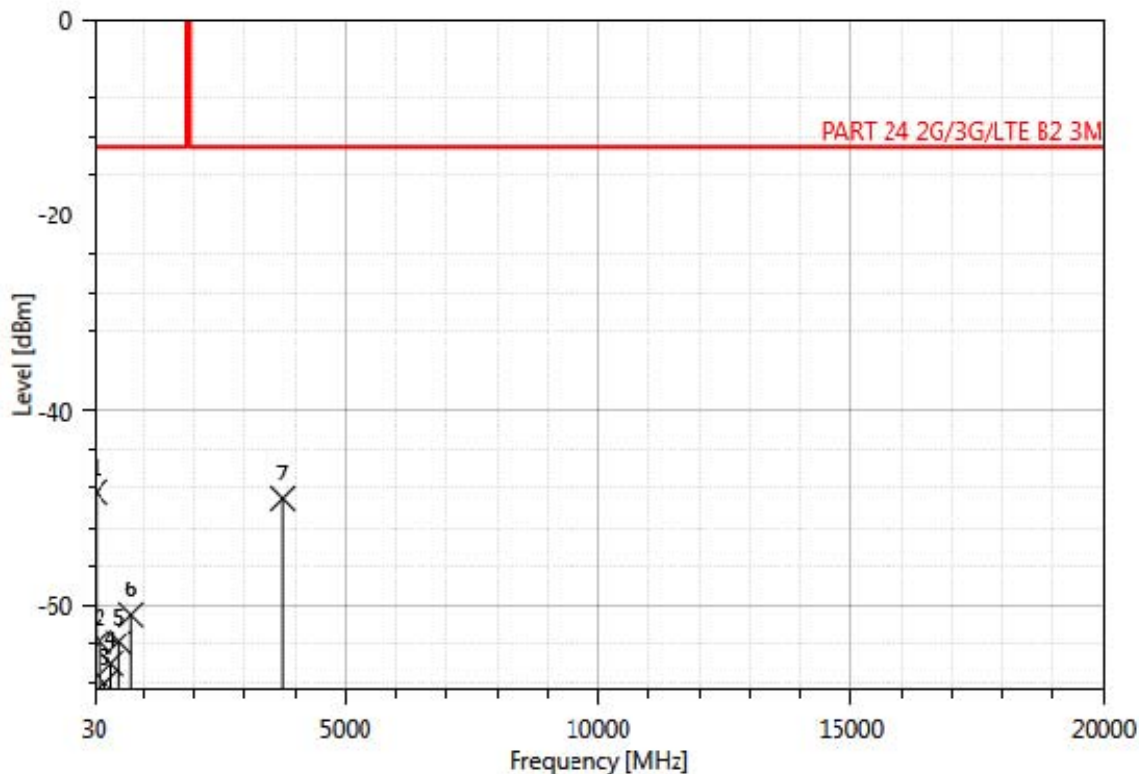
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Operation Mode :	HSDPA B2	Test Date :	05/04/2016 09:52:24
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-48.46	-40.56	-6.82	-1.08	-13.00	-35.46
141.55	S	Peak	-63.78	-61.93	-0.45	-1.40	-13.00	-50.78
243.40	S	Peak	-67.94	-71.68	5.49	-1.75	-13.00	-54.94
366.59	S	Peak	-65.98	-69.80	6.00	-2.17	-13.00	-52.98
517.91	S	Peak	-63.81	-67.35	5.91	-2.37	-13.00	-50.81
752.65	S	Peak	-60.97	-63.25	5.34	-3.06	-13.00	-47.97
3760.00	H	Peak	-49.09	-54.94	12.45	-6.60	-13.00	-36.09

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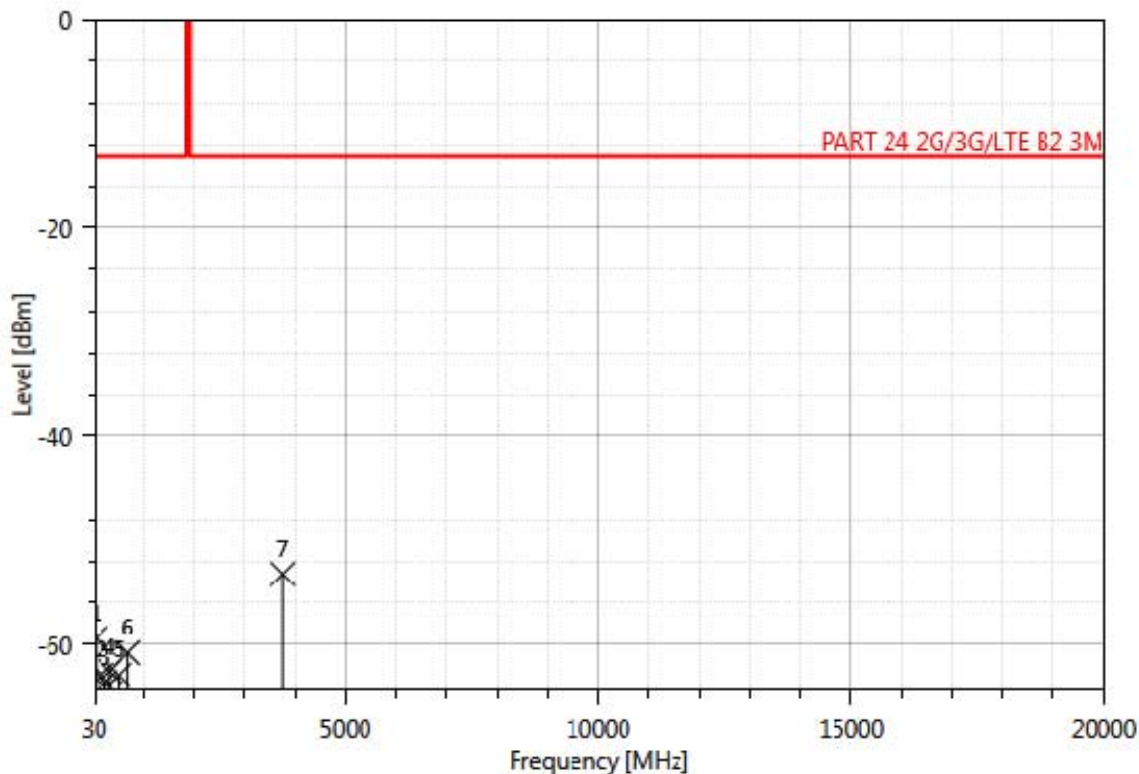
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Operation Mode :	HSDPA B2	Test Date :	05/04/2016 09:52:37
Fundamental Frequency :	1880 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
59.10	S	Peak	-59.40	-51.50	-6.82	-1.08	-13.00	-46.40
173.56	S	Peak	-62.92	-63.28	1.89	-1.53	-13.00	-49.92
246.31	S	Peak	-63.64	-67.42	5.53	-1.75	-13.00	-50.64
340.40	S	Peak	-62.57	-66.56	5.97	-1.97	-13.00	-49.57
521.79	S	Peak	-62.92	-66.40	5.89	-2.41	-13.00	-49.92
687.66	S	Peak	-60.79	-63.28	5.25	-2.76	-13.00	-47.79
3760.00	H	Peak	-53.22	-59.07	12.45	-6.60	-13.00	-40.22

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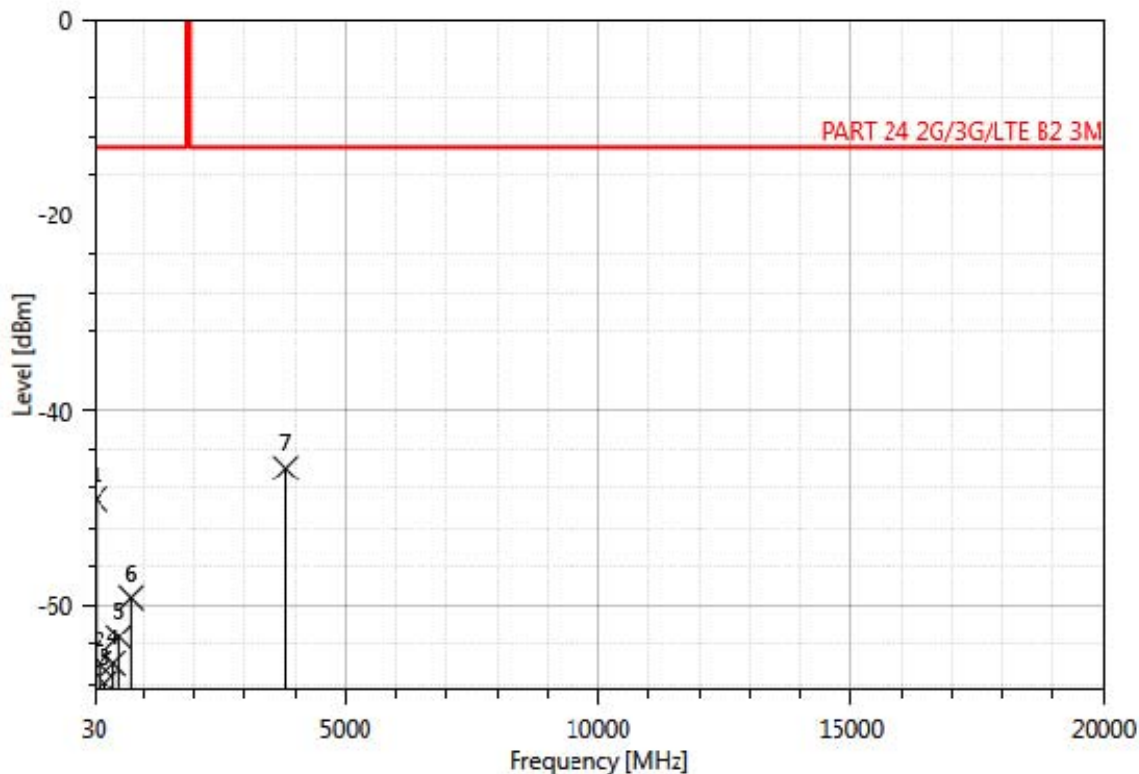
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Operation Mode :	HSDPA B2	Test Date :	05/04/2016 09:52:51
Fundamental Frequency :	1907.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-49.12	-41.22	-6.82	-1.08	-13.00	-36.12
138.64	S	Peak	-65.93	-64.00	-0.54	-1.39	-13.00	-52.93
246.31	S	Peak	-67.90	-71.69	5.53	-1.75	-13.00	-54.90
411.21	S	Peak	-65.92	-69.46	5.93	-2.39	-13.00	-52.92
517.91	S	Peak	-63.22	-66.76	5.91	-2.37	-13.00	-50.22
755.56	S	Peak	-59.27	-61.57	5.35	-3.04	-13.00	-46.27
3815.20	H	Peak	-45.93	-51.76	12.46	-6.63	-13.00	-32.93

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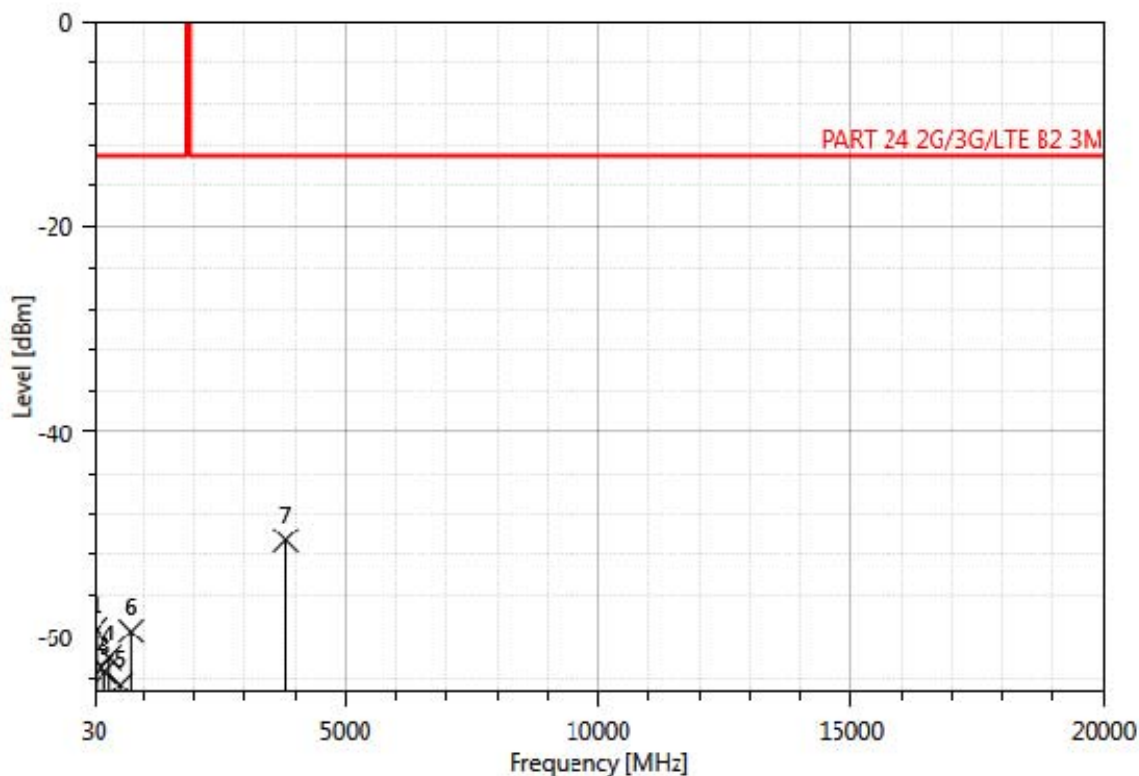
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Operation Mode :	HSDPA B2	Test Date :	05/04/2016 09:53:05
Fundamental Frequency :	1907.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	EIRP Level dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-59.28	-52.18	-6.00	-1.09	-13.00	-46.28
178.41	S	Peak	-62.99	-64.19	2.76	-1.55	-13.00	-49.99
243.40	S	Peak	-63.39	-67.13	5.49	-1.75	-13.00	-50.39
334.58	S	Peak	-62.05	-66.07	5.94	-1.92	-13.00	-49.05
549.92	S	Peak	-64.66	-67.70	5.74	-2.70	-13.00	-51.66
755.56	S	Peak	-59.46	-61.77	5.35	-3.04	-13.00	-46.46
3815.20	H	Peak	-50.60	-56.43	12.46	-6.63	-13.00	-37.60

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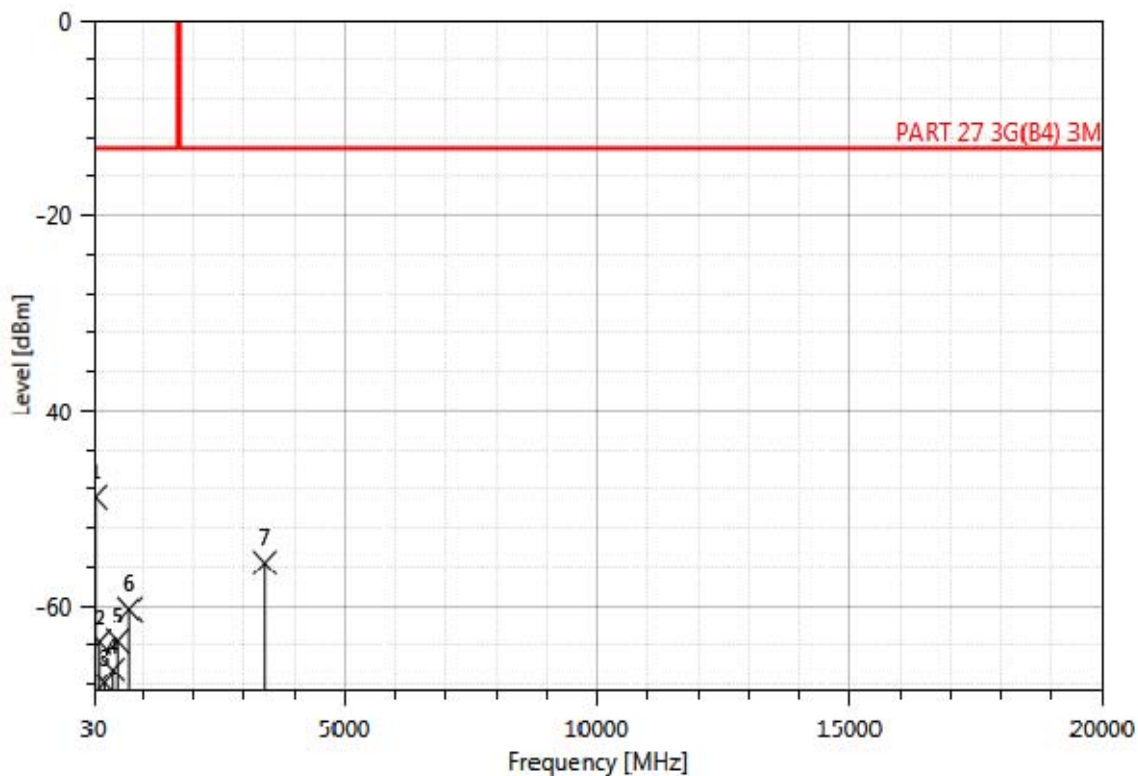
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## Radiated Spurious Emission Measurement Result: HSUPA IV Mode

Operation Mode :	HSUPA B4	Test Date :	05/04/2016 09:58:22
Fundamental Frequency :	1712.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-48.79	-40.89	-6.82	-1.08	-13.00	-35.79
138.64	S	Peak	-63.64	-61.71	-0.54	-1.39	-13.00	-50.64
241.46	S	Peak	-67.84	-71.56	5.46	-1.74	-13.00	-54.84
415.09	S	Peak	-66.48	-70.03	5.92	-2.37	-13.00	-53.48
513.06	S	Peak	-63.55	-67.13	5.94	-2.35	-13.00	-50.55
745.86	S	Peak	-60.25	-62.47	5.32	-3.10	-13.00	-47.25
3424.80	H	Peak	-55.51	-61.55	12.27	-6.23	-13.00	-42.51

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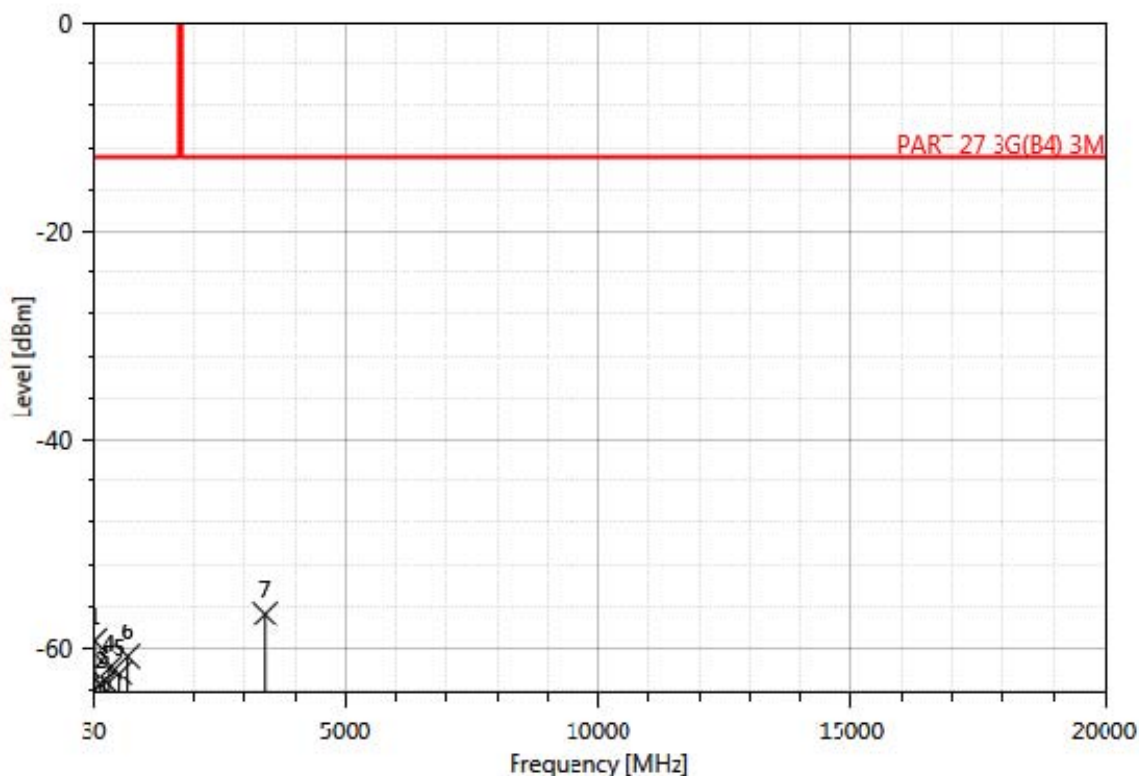
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Operation Mode :	HSUPA B4	Test Date :	05/04/2016 09:58:36
Fundamental Frequency :	1712.4 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-59.34	-52.25	-6.00	-1.09	-13.00	-46.34
173.56	S	Peak	-63.56	-63.91	1.89	-1.53	-13.00	-50.56
241.46	S	Peak	-63.13	-66.85	5.46	-1.74	-13.00	-50.13
340.40	S	Peak	-61.90	-65.90	5.97	-1.97	-13.00	-48.90
529.55	S	Peak	-62.42	-65.78	5.85	-2.49	-13.00	-49.42
689.60	S	Peak	-60.77	-63.22	5.24	-2.79	-13.00	-47.77
3424.80	H	Peak	-56.72	-62.76	12.27	-6.23	-13.00	-43.72

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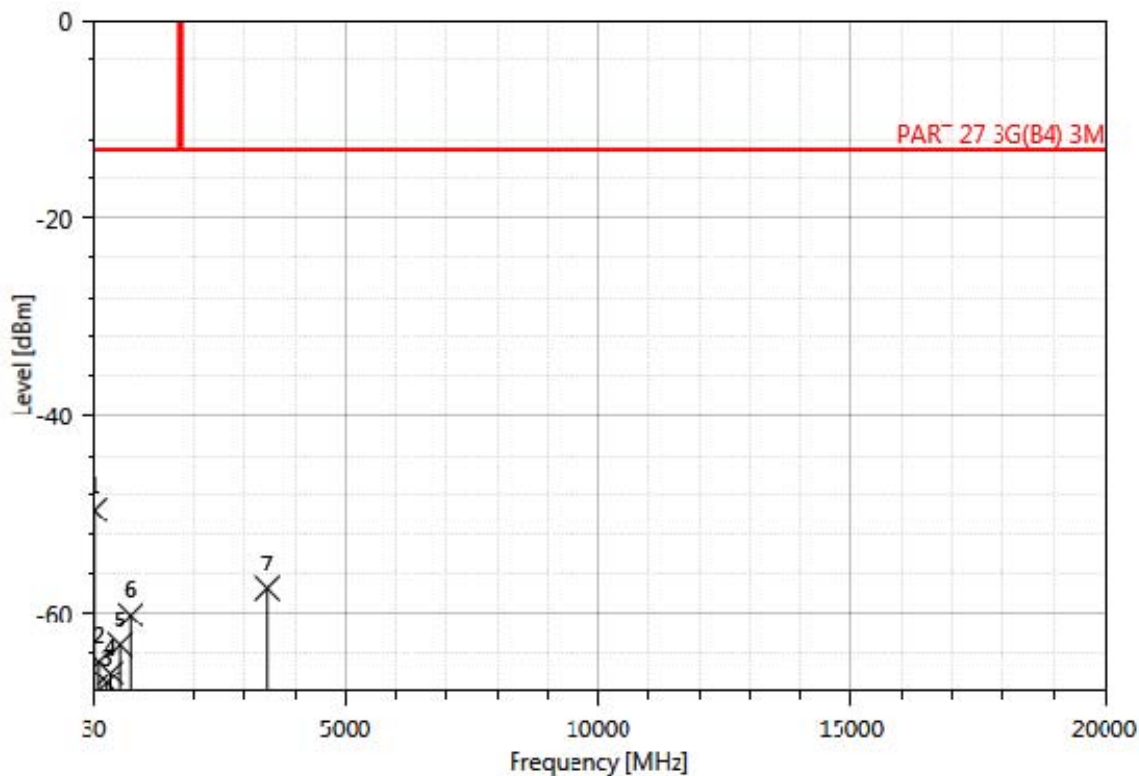
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Operation Mode :	HSUPA B4	Test Date :	05/04/2016 09:58:49
Fundamental Frequency :	1732.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
59.10	S	Peak	-49.52	-41.62	-6.82	-1.08	-13.00	-36.52
140.58	S	Peak	-64.87	-62.96	-0.51	-1.40	-13.00	-51.87
296.75	S	Peak	-67.05	-70.81	5.71	-1.95	-13.00	-54.05
366.59	S	Peak	-66.02	-69.84	6.00	-2.17	-13.00	-53.02
547.01	S	Peak	-63.18	-66.26	5.75	-2.67	-13.00	-50.18
749.74	S	Peak	-60.16	-62.41	5.33	-3.08	-13.00	-47.16
3465.20	H	Peak	-57.48	-63.58	12.34	-6.25	-13.00	-44.48

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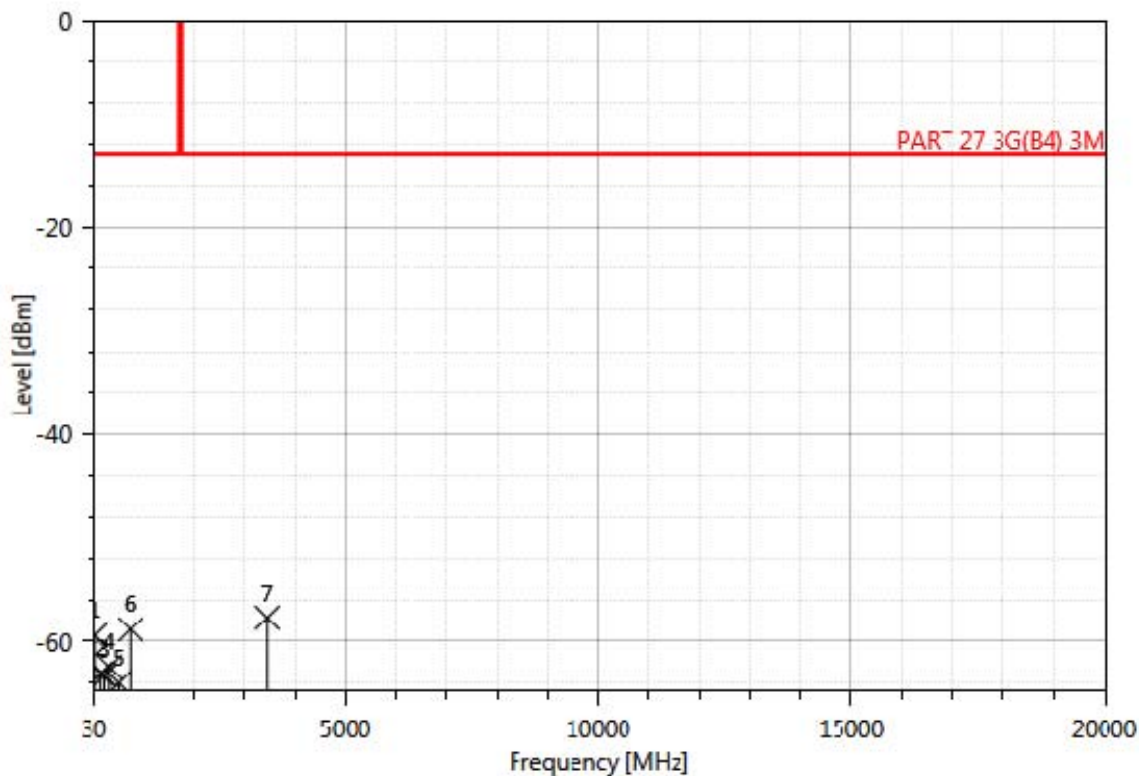
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Operation Mode :	HSUPA B4	Test Date :	05/04/2016 09:59:03
Fundamental Frequency :	1732.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-59.46	-52.37	-6.00	-1.09	-13.00	-46.46
173.56	S	Peak	-63.13	-63.49	1.89	-1.53	-13.00	-50.13
248.25	S	Peak	-63.33	-67.14	5.56	-1.75	-13.00	-50.33
340.40	S	Peak	-62.50	-66.49	5.97	-1.97	-13.00	-49.50
521.79	S	Peak	-64.07	-67.55	5.89	-2.41	-13.00	-51.07
749.74	S	Peak	-58.88	-61.13	5.33	-3.08	-13.00	-45.88
3465.20	H	Peak	-57.75	-63.84	12.34	-6.25	-13.00	-44.75

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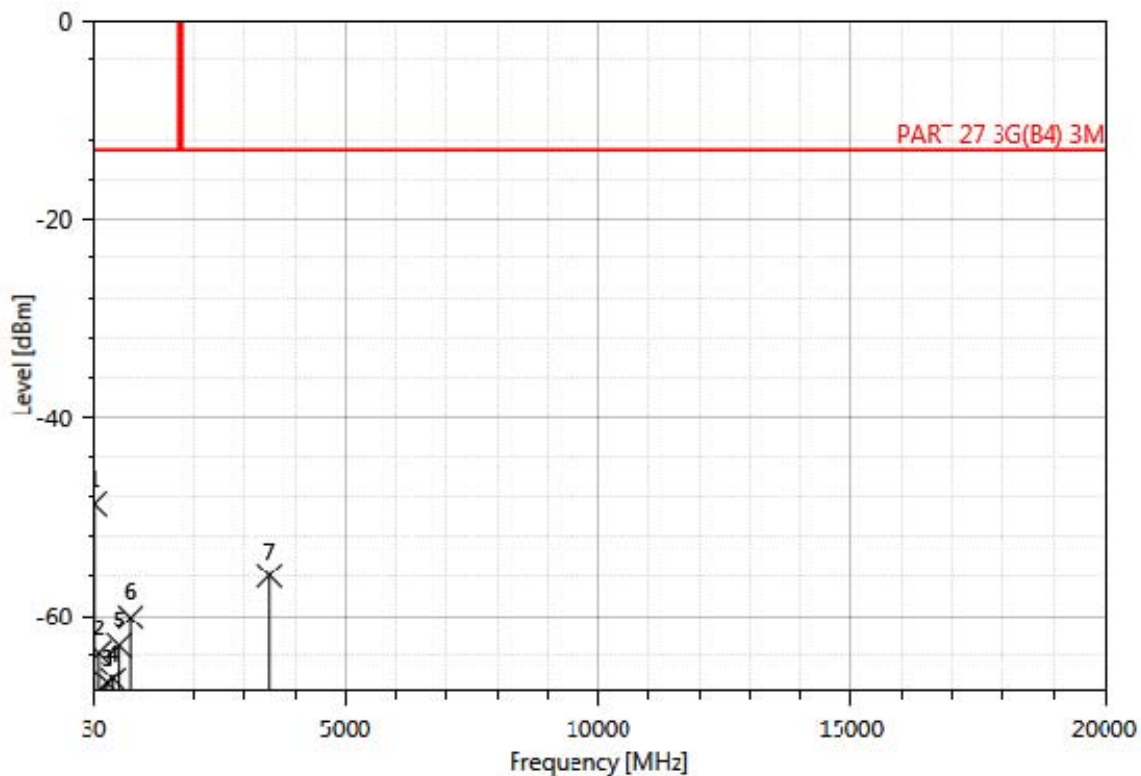
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Operation Mode :	HSUPA B4	Test Date :	05/04/2016 09:59:17
Fundamental Frequency :	1752.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
59.10	S	Peak	-48.68	-40.78	-6.82	-1.08	-13.00	-35.68
141.55	S	Peak	-63.74	-61.89	-0.45	-1.40	-13.00	-50.74
299.66	S	Peak	-66.78	-70.60	5.77	-1.95	-13.00	-53.78
415.09	S	Peak	-66.39	-69.94	5.92	-2.37	-13.00	-53.39
529.55	S	Peak	-62.99	-66.34	5.85	-2.49	-13.00	-49.99
747.80	S	Peak	-60.15	-62.39	5.33	-3.09	-13.00	-47.15
3505.20	H	Peak	-55.95	-61.89	12.40	-6.47	-13.00	-42.95

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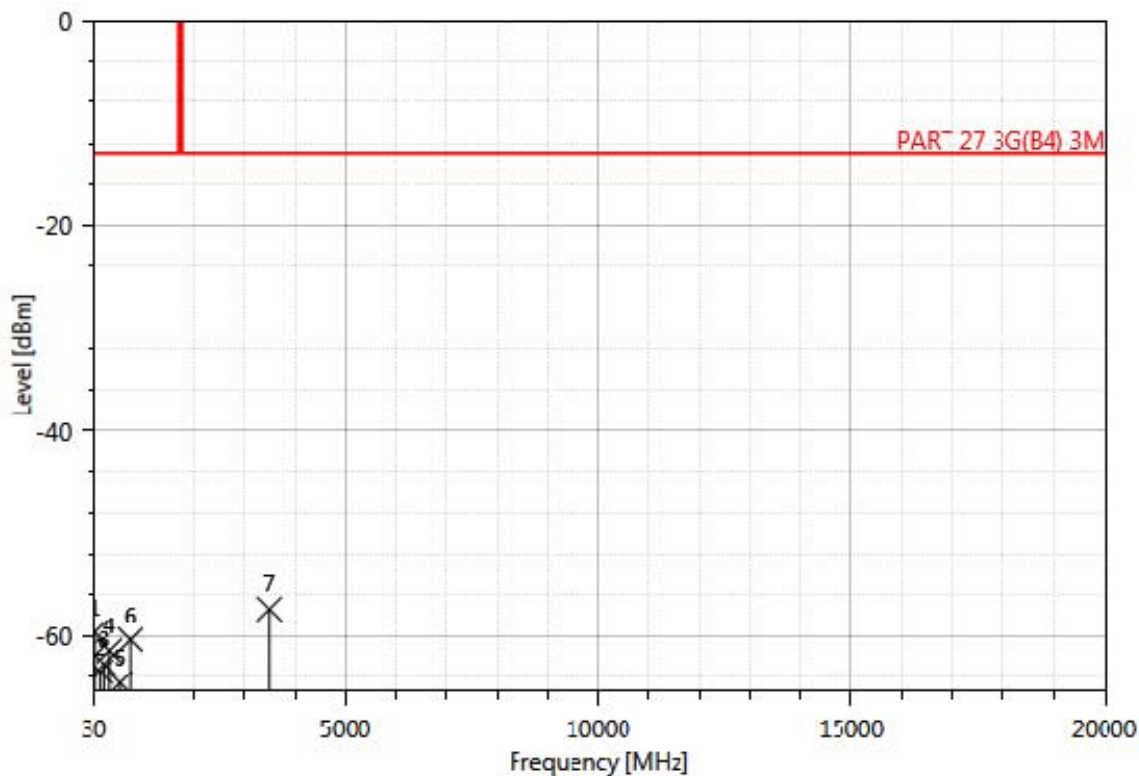
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Operation Mode :	HSUPA B4	Test Date :	05/04/2016 09:59:30
Fundamental Frequency :	1752.6 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
62.01	S	Peak	-59.67	-52.58	-6.00	-1.09	-13.00	-46.67
172.59	S	Peak	-63.51	-63.69	1.71	-1.53	-13.00	-50.51
243.40	S	Peak	-62.73	-66.47	5.49	-1.75	-13.00	-49.73
342.34	S	Peak	-61.45	-65.44	5.98	-1.99	-13.00	-48.45
546.04	S	Peak	-64.60	-67.70	5.76	-2.66	-13.00	-51.60
747.80	S	Peak	-60.39	-62.63	5.33	-3.09	-13.00	-47.39
3505.20	H	Peak	-57.38	-63.32	12.40	-6.47	-13.00	-44.38

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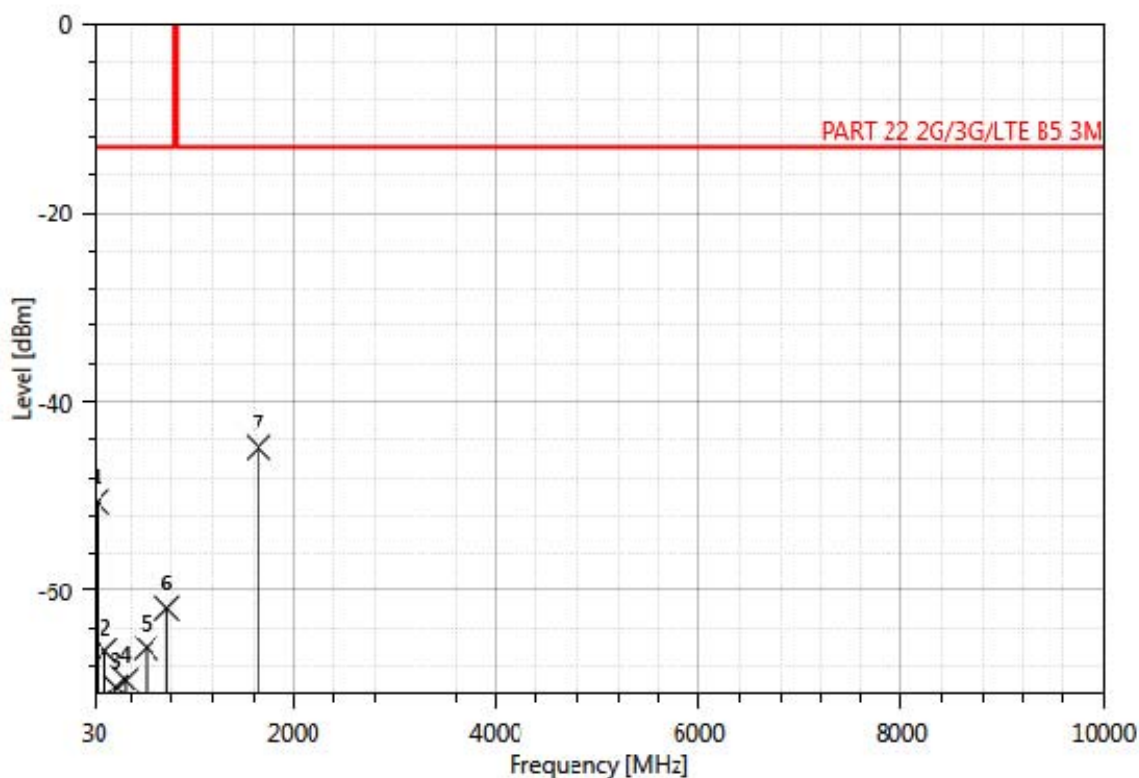
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## Radiated Spurious Emission Measurement Result: WCDMA V Mode

Operation Mode :	WCDMA B5	Test Date :	05/04/2016 09:40:22
Fundamental Frequency :	826.4 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
59.10	S	Peak	-50.59	-40.53	-8.97	-1.08	-13.00	-37.59
138.64	S	Peak	-66.39	-62.31	-2.69	-1.39	-13.00	-53.39
245.34	S	Peak	-70.12	-71.73	3.37	-1.75	-13.00	-57.12
343.31	S	Peak	-69.43	-71.27	3.83	-1.99	-13.00	-56.43
544.10	S	Peak	-66.06	-67.04	3.62	-2.64	-13.00	-53.06
749.74	S	Peak	-61.85	-61.95	3.18	-3.08	-13.00	-48.85
1652.80	H	Peak	-44.84	-47.72	7.12	-4.24	-13.00	-31.84

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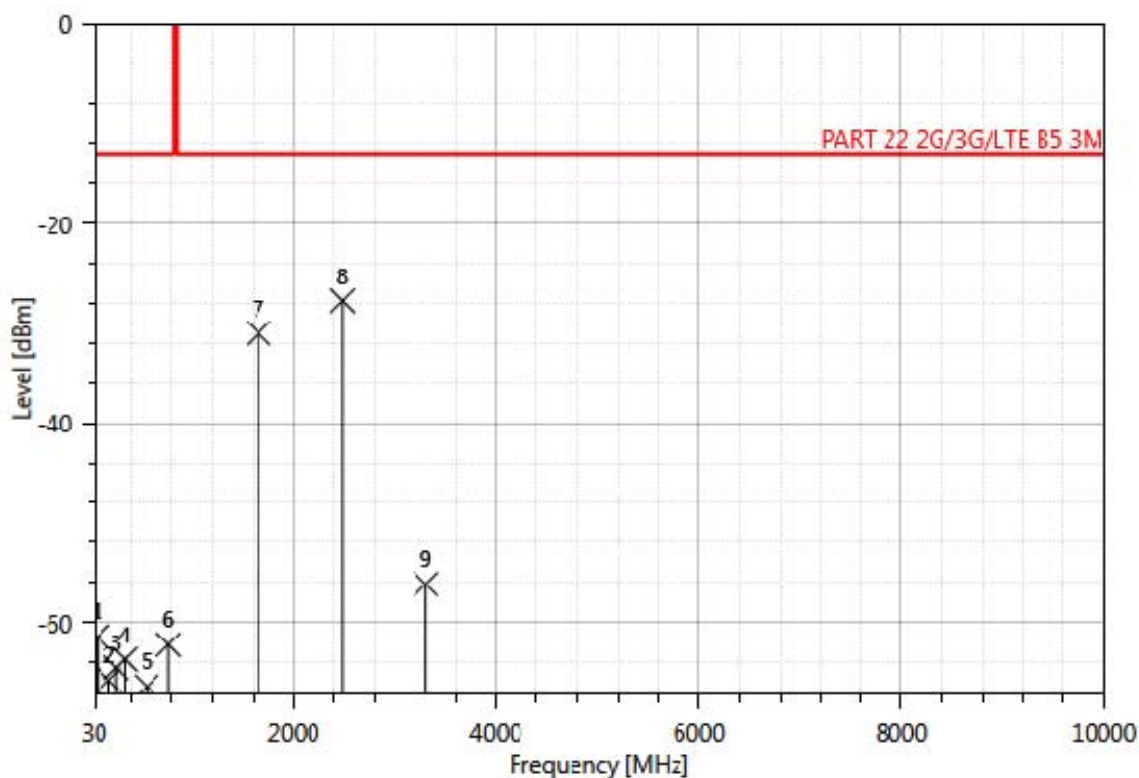
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Operation Mode :	WCDMA B5	Test Date :	05/04/2016 09:40:29
Fundamental Frequency :	826.4 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-61.45	-52.21	-8.15	-1.09	-13.00	-48.45
177.44	S	Peak	-65.79	-64.68	0.44	-1.55	-13.00	-52.79
248.25	S	Peak	-64.54	-66.20	3.41	-1.75	-13.00	-51.54
335.55	S	Peak	-63.71	-65.57	3.80	-1.93	-13.00	-50.71
548.95	S	Peak	-66.44	-67.34	3.59	-2.69	-13.00	-53.44
764.29	S	Peak	-62.24	-62.48	3.23	-2.99	-13.00	-49.24
1652.80	H	Peak	-31.01	-33.90	7.12	-4.24	-13.00	-18.01
2479.20	H	Peak	-27.75	-31.25	8.73	-5.23	-13.00	-14.75
3305.60	H	Peak	-56.16	-59.98	9.92	-6.10	-13.00	-43.16

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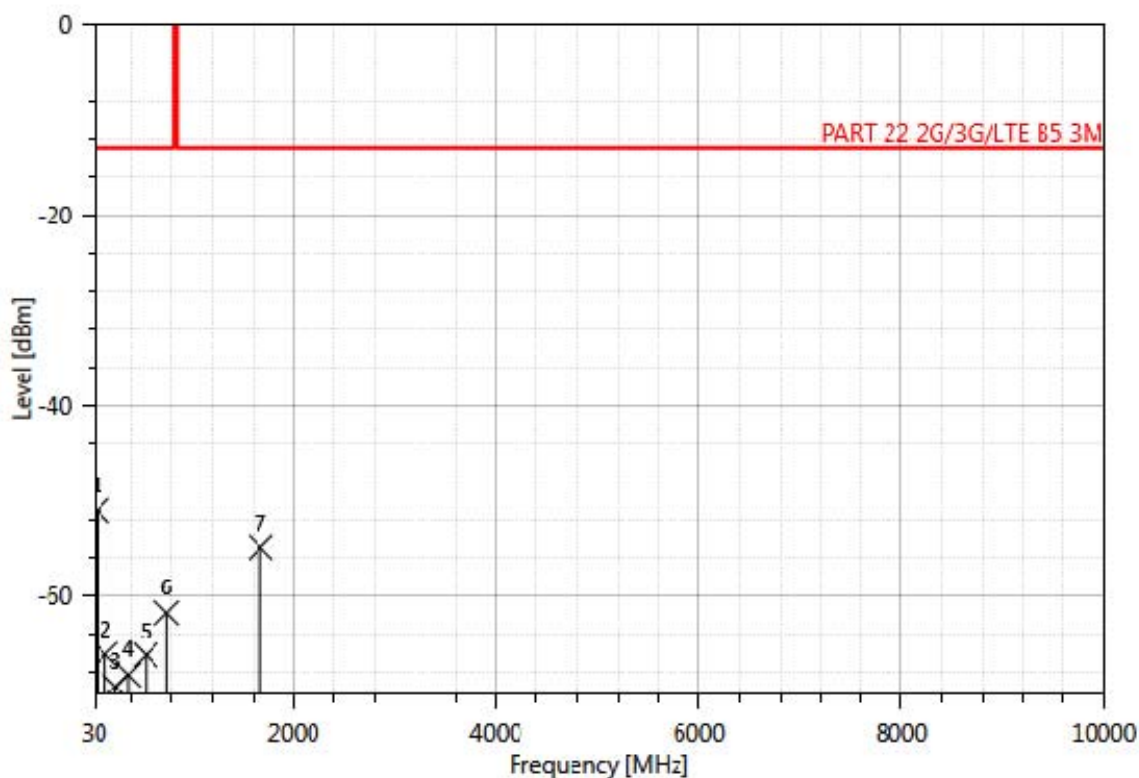
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Operation Mode :	WCDMA B5	Test Date :	05/04/2016 09:40:37
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-51.08	-41.03	-8.97	-1.08	-13.00	-38.08
141.55	S	Peak	-66.23	-62.23	-2.60	-1.40	-13.00	-53.23
240.49	S	Peak	-69.59	-71.14	3.29	-1.74	-13.00	-56.59
366.59	S	Peak	-68.37	-70.04	3.85	-2.17	-13.00	-55.37
539.25	S	Peak	-66.30	-67.35	3.64	-2.59	-13.00	-53.30
747.80	S	Peak	-61.86	-61.95	3.18	-3.09	-13.00	-48.86
1673.20	H	Peak	-55.04	-57.95	7.20	-4.29	-13.00	-42.04

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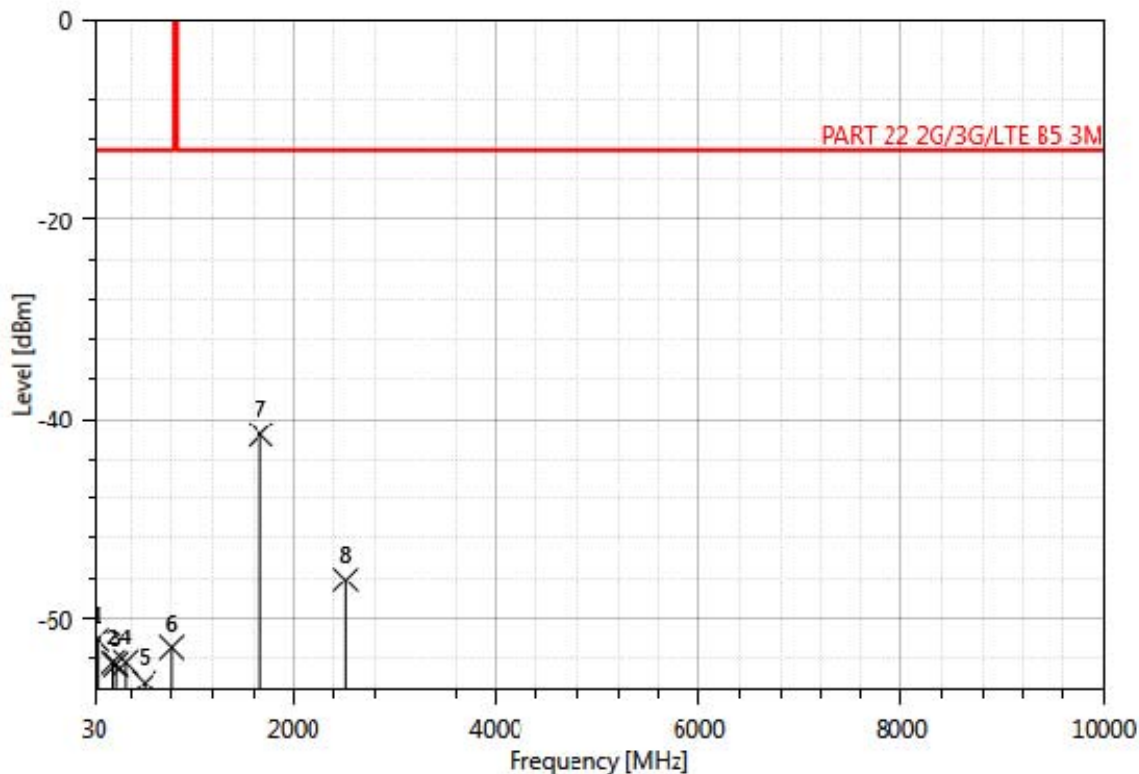
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Operation Mode :	WCDMA B5	Test Date :	05/04/2016 09:40:44
Fundamental Frequency :	836.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-62.14	-52.89	-8.15	-1.09	-13.00	-49.14
216.24	S	Peak	-64.42	-66.13	3.40	-1.69	-13.00	-51.42
248.25	S	Peak	-64.58	-66.24	3.41	-1.75	-13.00	-51.58
342.34	S	Peak	-64.39	-66.23	3.83	-1.99	-13.00	-51.39
526.64	S	Peak	-66.42	-67.67	3.71	-2.46	-13.00	-53.42
798.24	S	Peak	-62.94	-63.38	3.34	-2.90	-13.00	-49.94
1673.20	H	Peak	-41.56	-44.47	7.20	-4.29	-13.00	-28.56
2509.80	H	Peak	-56.13	-59.63	8.76	-5.26	-13.00	-43.13

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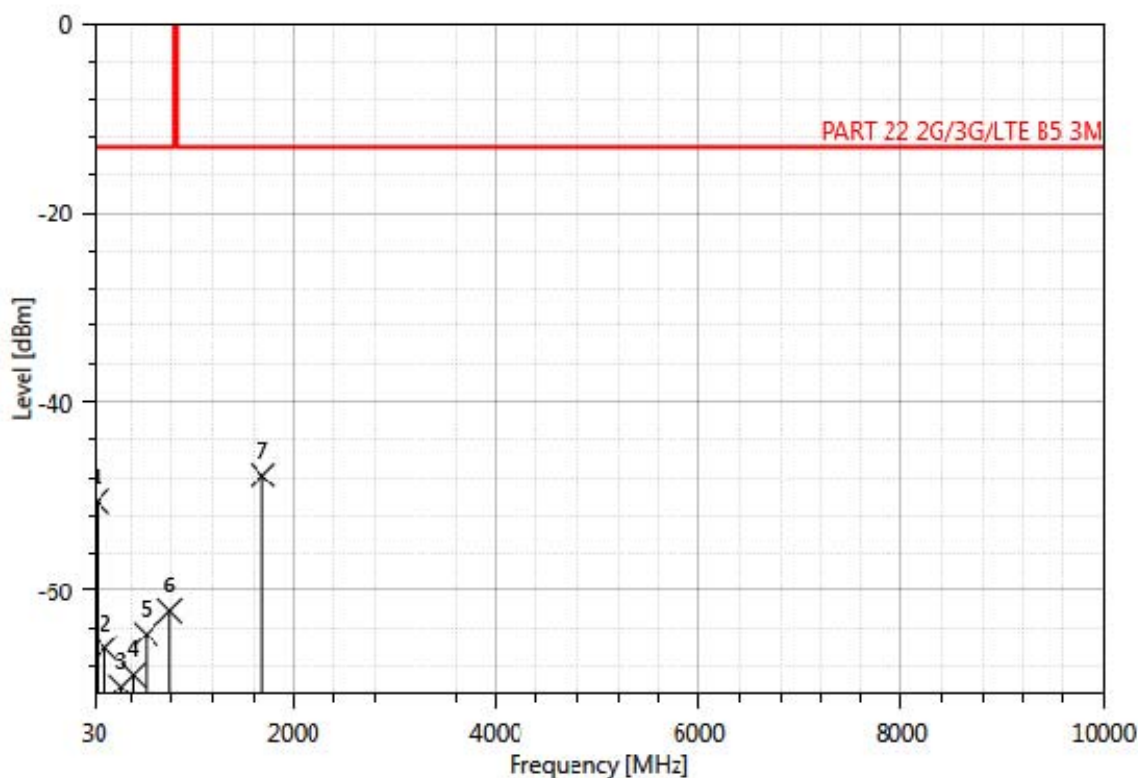
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Operation Mode :	WCDMA B5	Test Date :	05/04/2016 09:40:52
Fundamental Frequency :	846.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-50.55	-40.50	-8.97	-1.08	-13.00	-37.55
138.64	S	Peak	-66.08	-62.00	-2.69	-1.39	-13.00	-53.08
296.75	S	Peak	-70.13	-71.74	3.56	-1.95	-13.00	-57.13
416.06	S	Peak	-68.88	-70.28	3.76	-2.36	-13.00	-55.88
541.19	S	Peak	-64.59	-65.61	3.63	-2.61	-13.00	-51.59
776.90	S	Peak	-62.13	-62.49	3.27	-2.91	-13.00	-49.13
1693.20	H	Peak	-47.77	-50.73	7.27	-4.30	-13.00	-34.77

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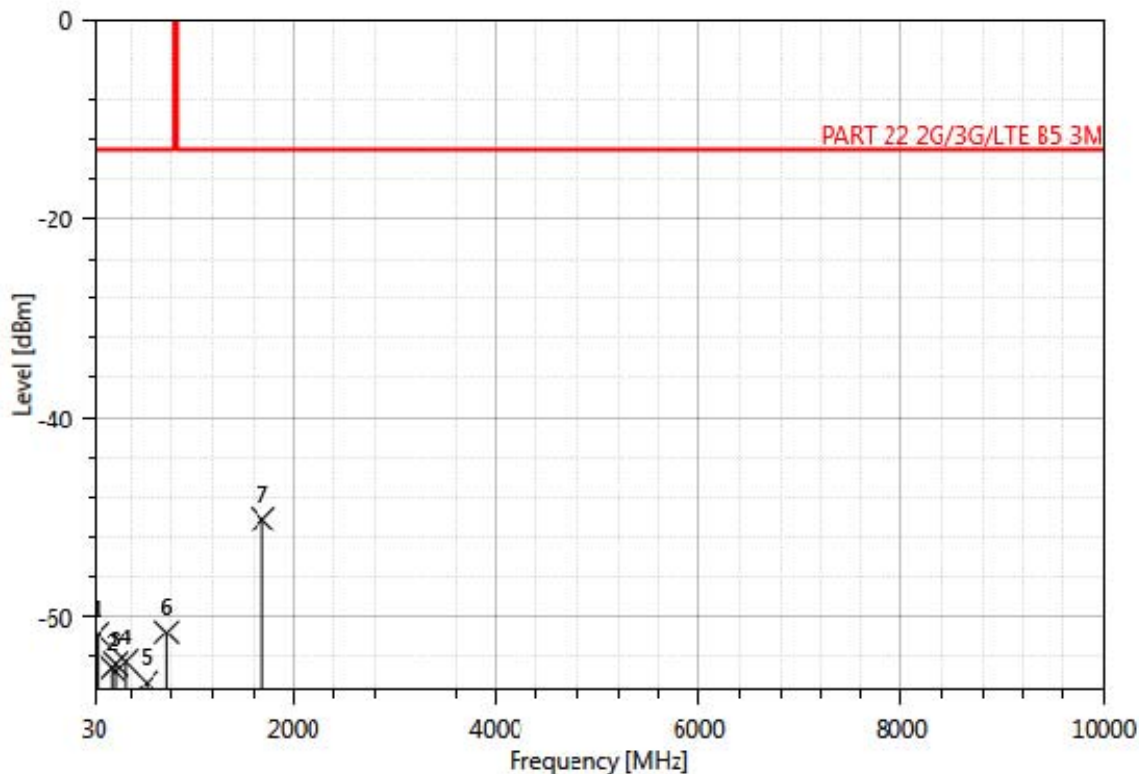
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Operation Mode :	WCDMA B5	Test Date :	05/04/2016 09:40:59
Fundamental Frequency :	846.6 MHz	Temp. / Humi. :	24 deg_C / 61 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-61.74	-52.50	-8.15	-1.09	-13.00	-48.74
212.36	S	Peak	-65.12	-66.92	3.48	-1.68	-13.00	-52.12
246.31	S	Peak	-64.74	-66.37	3.38	-1.75	-13.00	-51.74
342.34	S	Peak	-64.52	-66.36	3.83	-1.99	-13.00	-51.52
546.04	S	Peak	-66.62	-67.57	3.61	-2.66	-13.00	-53.62
749.74	S	Peak	-61.58	-61.68	3.18	-3.08	-13.00	-48.58
1693.20	H	Peak	-50.19	-53.15	7.27	-4.30	-13.00	-37.19

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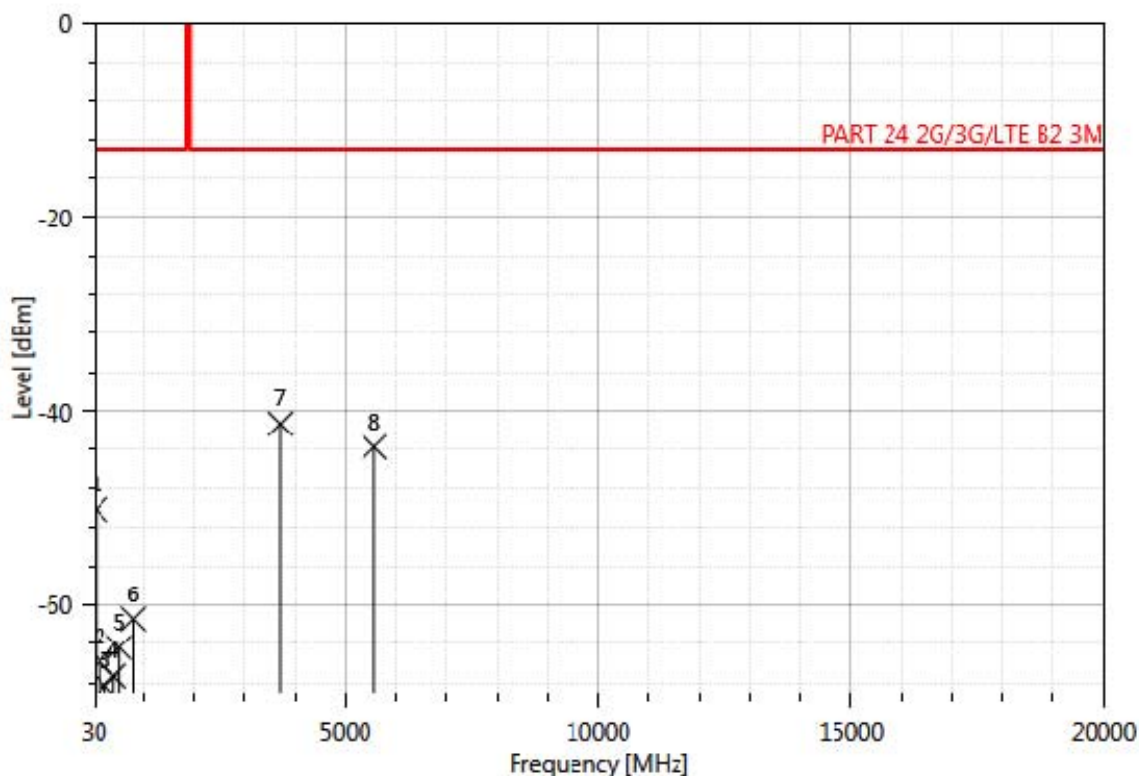
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 2 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B2	Test Date :	05/04/2016 10:08:42
Fundamental Frequency :	1857.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-50.17	-42.27	-6.82	-1.08	-13.00	-37.17
143.49	S	Peak	-65.77	-64.03	-0.33	-1.41	-13.00	-52.77
251.16	S	Peak	-68.33	-72.19	5.62	-1.76	-13.00	-55.33
413.15	S	Peak	-67.30	-70.84	5.92	-2.38	-13.00	-54.30
526.64	S	Peak	-64.39	-67.79	5.86	-2.46	-13.00	-51.39
799.21	S	Peak	-61.46	-64.05	5.49	-2.90	-13.00	-48.46
3715.00	H	Peak	-41.32	-47.18	12.44	-6.58	-13.00	-28.32
5572.50	H	Peak	-43.71	-48.31	12.90	-8.30	-13.00	-30.71

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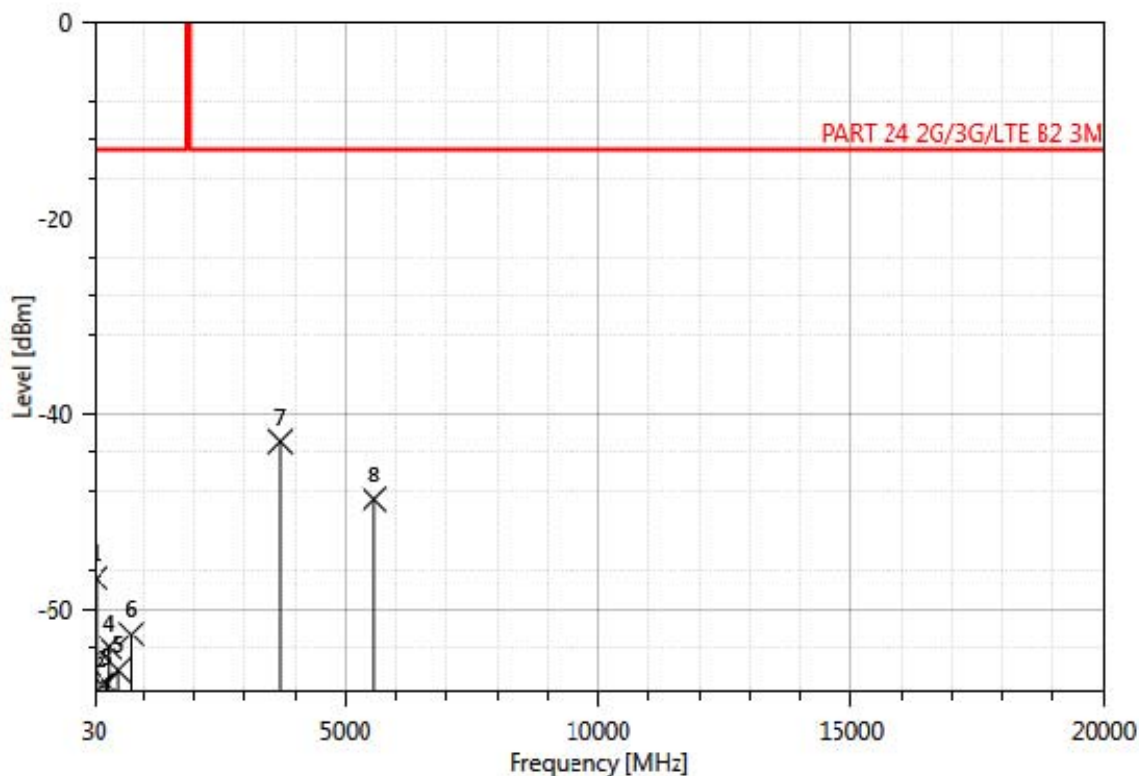
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Operation Mode :	LTE B2	Test Date :	05/04/2016 10:08:56
Fundamental Frequency :	1857.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-56.84	-49.75	-6.00	-1.09	-13.00	-43.84
172.59	S	Peak	-67.69	-67.88	1.71	-1.53	-13.00	-54.69
287.05	S	Peak	-67.55	-71.22	5.58	-1.91	-13.00	-54.55
335.55	S	Peak	-63.89	-67.91	5.95	-1.93	-13.00	-50.89
510.15	S	Peak	-66.20	-69.81	5.95	-2.34	-13.00	-53.20
759.44	S	Peak	-62.55	-64.89	5.36	-3.02	-13.00	-49.55
3715.00	H	Peak	-42.91	-48.77	12.44	-6.58	-13.00	-29.91
5572.50	H	Peak	-48.79	-53.39	12.90	-8.30	-13.00	-35.79

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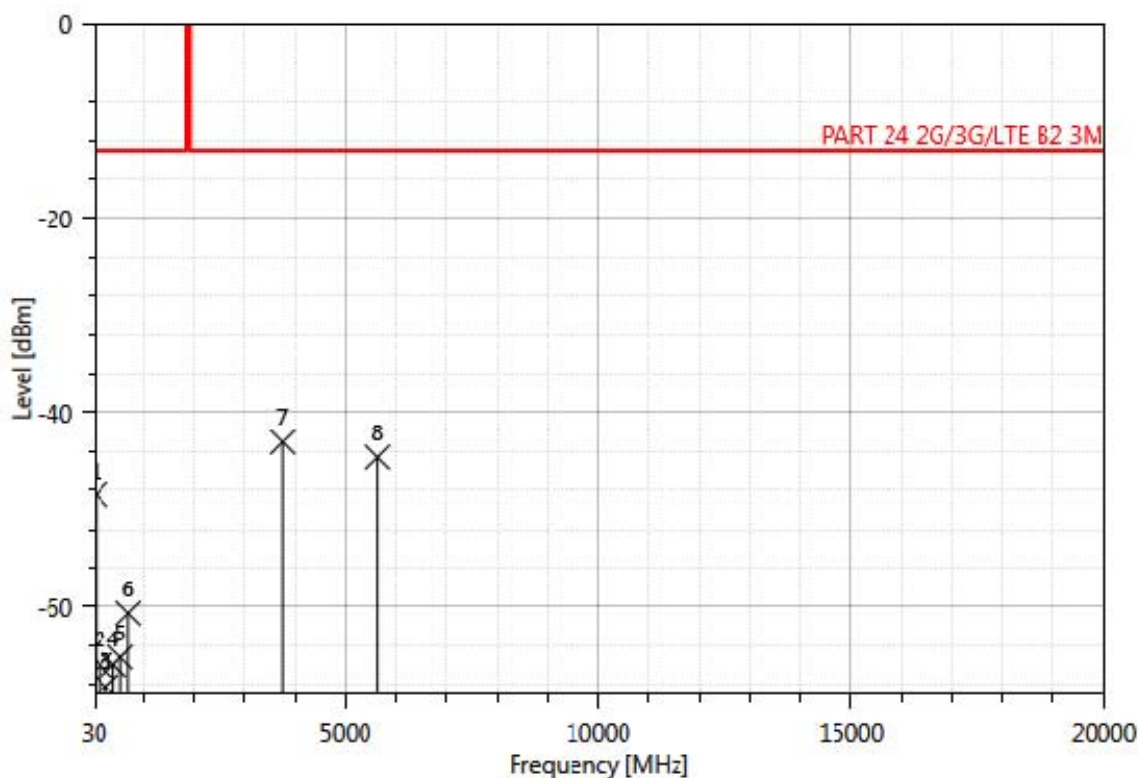
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Operation Mode :	LTE B2	Test Date :	05/04/2016 10:09:10
Fundamental Frequency :	1880.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-48.47	-40.57	-6.82	-1.08	-13.00	-35.47
144.46	S	Peak	-65.98	-64.30	-0.28	-1.41	-13.00	-52.98
264.74	S	Peak	-68.19	-72.14	5.75	-1.80	-13.00	-55.19
411.21	S	Peak	-65.94	-69.48	5.93	-2.39	-13.00	-52.94
547.01	S	Peak	-65.18	-68.26	5.75	-2.67	-13.00	-52.18
699.30	S	Peak	-60.65	-62.92	5.23	-2.96	-13.00	-47.65
3760.00	H	Peak	-43.04	-48.90	12.45	-6.60	-13.00	-30.04
5640.00	H	Peak	-44.58	-49.11	12.90	-8.36	-13.00	-31.58

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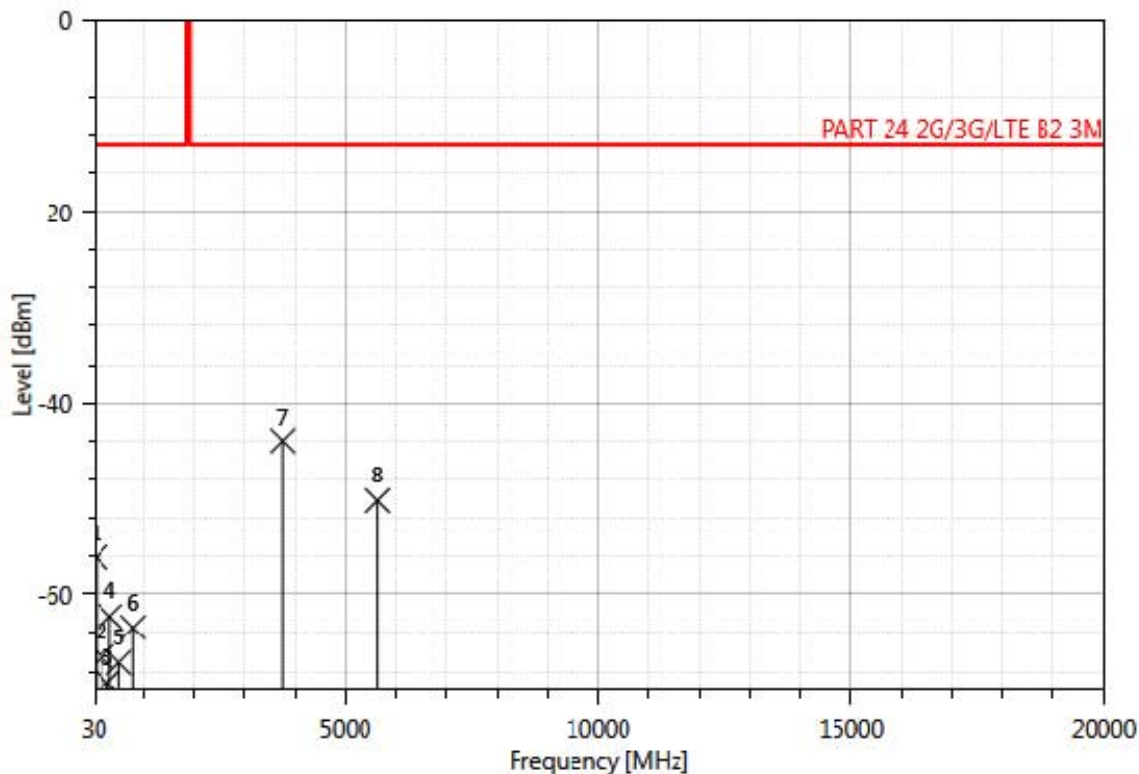
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Operation Mode :	LTE B2	Test Date :	05/04/2016 10:09:23
Fundamental Frequency :	1880.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
62.01	S	Peak	-56.07	-48.98	-6.00	-1.09	-13.00	-43.07
177.44	S	Peak	-66.49	-67.52	2.59	-1.55	-13.00	-53.49
289.96	S	Peak	-69.17	-72.83	5.58	-1.92	-13.00	-56.17
342.34	S	Peak	-62.29	-66.29	5.98	-1.99	-13.00	-49.29
519.85	S	Peak	-67.05	-70.56	5.90	-2.39	-13.00	-54.05
793.39	S	Peak	-63.42	-65.99	5.47	-2.90	-13.00	-50.42
3760.00	H	Peak	-44.00	-49.86	12.45	-6.60	-13.00	-31.00
5640.00	H	Peak	-50.18	-54.71	12.90	-8.36	-13.00	-37.18

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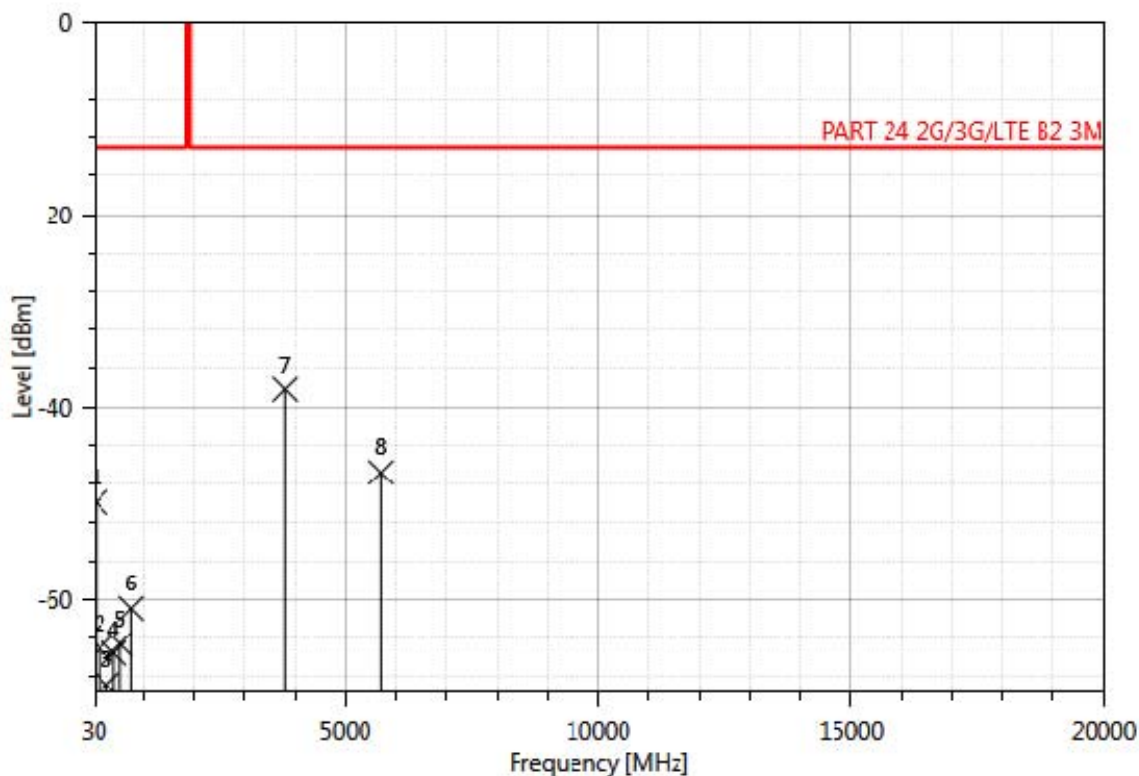
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Operation Mode :	LTE B2	Test Date :	05/04/2016 10:09:37
Fundamental Frequency :	1902.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-49.89	-41.99	-6.82	-1.08	-13.00	-36.89
143.49	S	Peak	-65.10	-63.36	-0.33	-1.41	-13.00	-52.10
280.26	S	Peak	-68.84	-72.54	5.57	-1.88	-13.00	-55.84
419.94	S	Peak	-65.59	-69.16	5.90	-2.33	-13.00	-52.59
541.19	S	Peak	-64.62	-67.79	5.78	-2.61	-13.00	-51.62
757.50	S	Peak	-60.95	-63.28	5.36	-3.03	-13.00	-47.95
3805.00	H	Peak	-38.21	-44.05	12.46	-6.62	-13.00	-25.21
5707.50	H	Peak	-46.81	-51.35	12.90	-8.36	-13.00	-33.81

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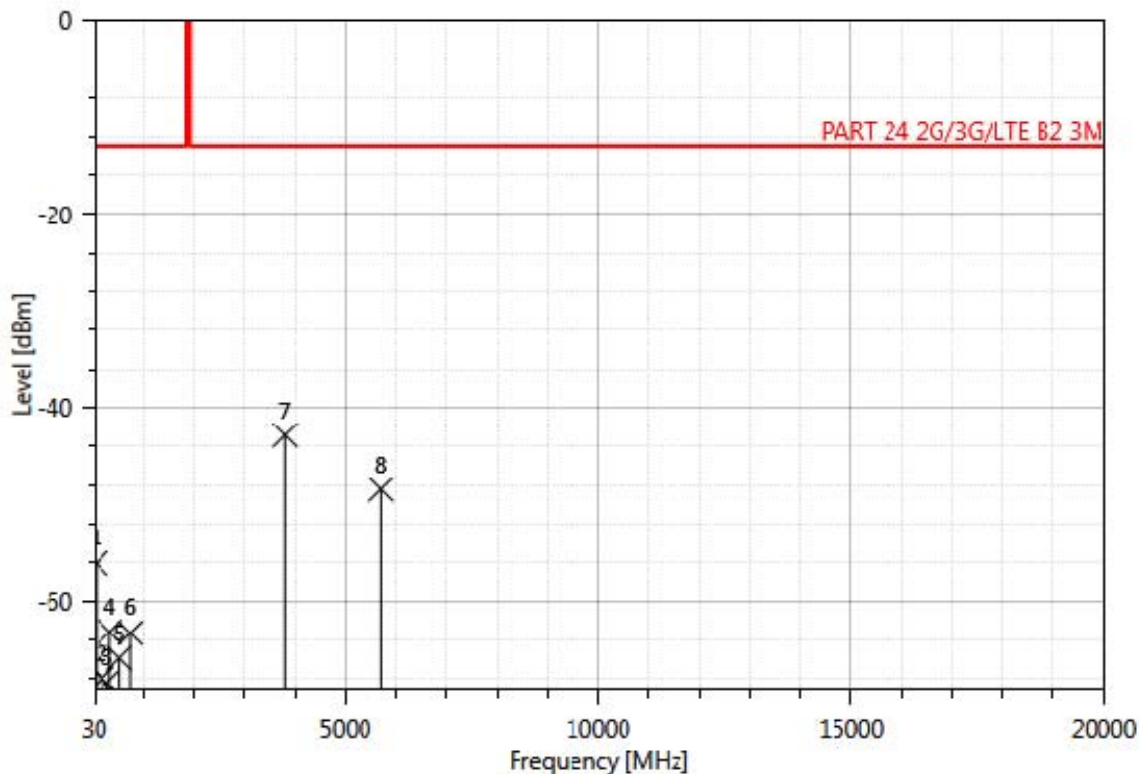
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Operation Mode :	LTE B2	Test Date :	05/04/2016 10:09:51
Fundamental Frequency :	1902.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-56.05	-48.96	-6.00	-1.09	-13.00	-43.05
177.44	S	Peak	-67.96	-68.99	2.59	-1.55	-13.00	-54.96
282.20	S	Peak	-68.39	-72.08	5.57	-1.89	-13.00	-55.39
340.40	S	Peak	-63.16	-67.16	5.97	-1.97	-13.00	-50.16
526.64	S	Peak	-65.85	-69.25	5.86	-2.46	-13.00	-52.85
741.01	S	Peak	-63.29	-65.47	5.31	-3.13	-13.00	-50.29
3805.00	H	Peak	-42.86	-48.70	12.46	-6.62	-13.00	-29.86
5707.50	H	Peak	-48.45	-53.00	12.90	-8.36	-13.00	-35.45

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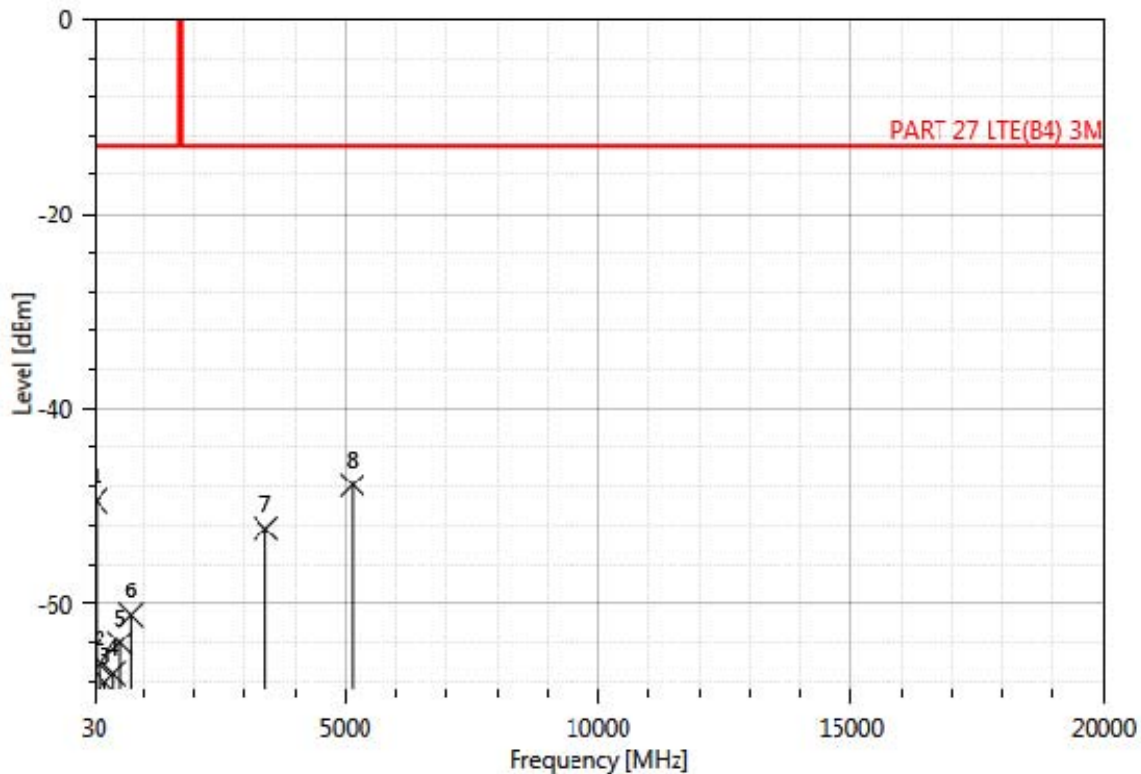
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## Radiated Spurious Emission Measurement Result: 3MHz BW LTE-Band 4 16QAM RB 1 0 (The Worst Case)

Operation Mode :	LTE B4	Test Date :	05/04/2016 10:12:12
Fundamental Frequency :	1711.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-49.49	-42.40	-6.00	-1.09	-13.00	-36.49
140.58	S	Peak	-66.15	-64.24	-0.51	-1.40	-13.00	-53.15
246.31	S	Peak	-68.04	-71.82	5.53	-1.75	-13.00	-55.04
413.15	S	Peak	-67.18	-70.72	5.92	-2.38	-13.00	-54.18
542.16	S	Peak	-64.07	-67.22	5.78	-2.62	-13.00	-51.07
754.59	S	Peak	-61.17	-63.47	5.35	-3.05	-13.00	-48.17
3423.00	H	Peak	-52.31	-58.35	12.27	-6.23	-13.00	-39.31
5134.50	H	Peak	-47.85	-52.68	12.76	-7.92	-13.00	-34.85

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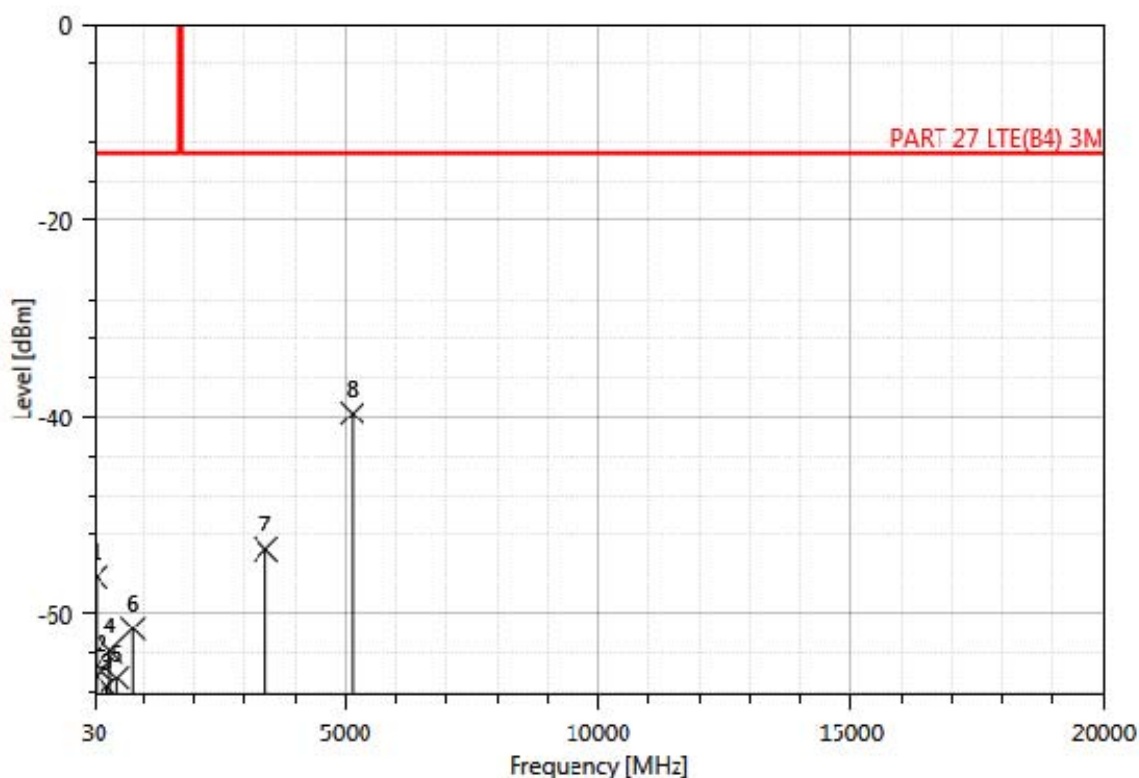
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Operation Mode :	LTE B4	Test Date :	05/04/2016 10:12:26
Fundamental Frequency :	1711.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-56.30	-49.21	-6.00	-1.09	-13.00	-43.30
173.56	S	Peak	-65.74	-66.09	1.89	-1.53	-13.00	-52.74
287.05	S	Peak	-67.51	-71.18	5.58	-1.91	-13.00	-54.51
348.16	S	Peak	-63.80	-67.78	6.00	-2.03	-13.00	-50.80
479.11	S	Peak	-66.58	-70.26	5.92	-2.24	-13.00	-53.58
791.45	S	Peak	-61.55	-64.11	5.47	-2.90	-13.00	-48.55
3423.00	H	Peak	-53.47	-59.51	12.27	-6.23	-13.00	-40.47
5134.50	H	Peak	-39.62	-44.45	12.76	-7.92	-13.00	-26.62

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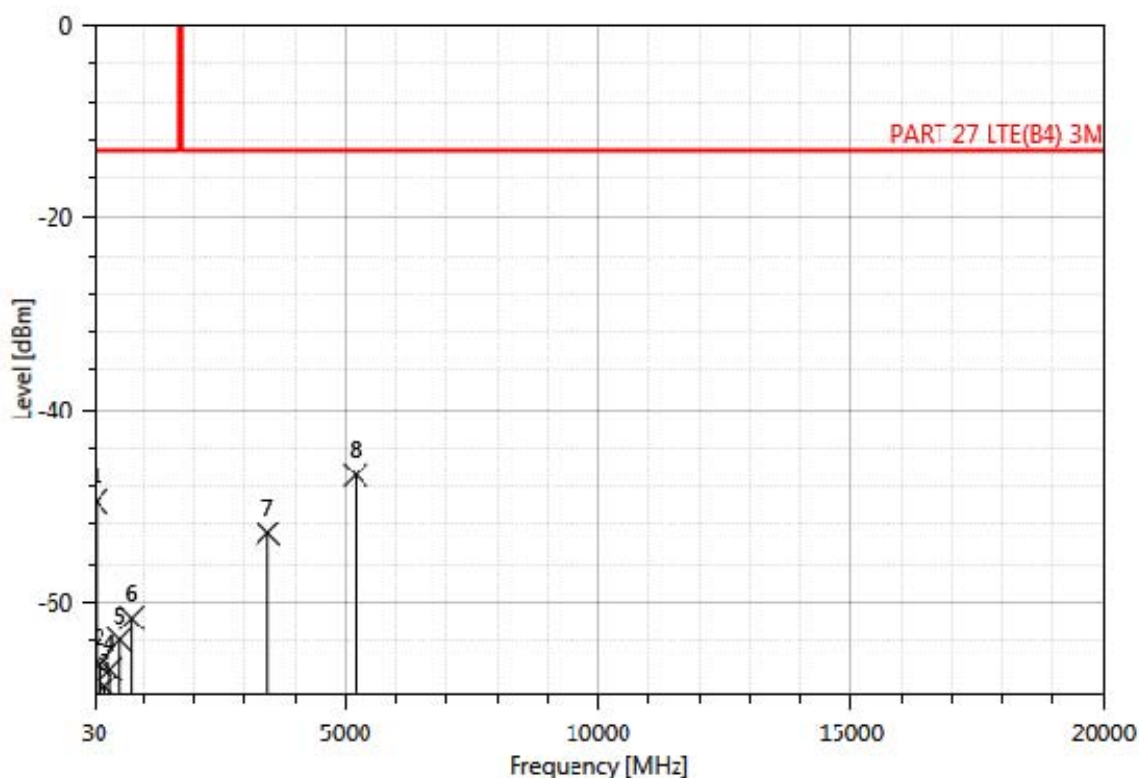
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Operation Mode :	LTE B4	Test Date :	05/04/2016 10:12:40
Fundamental Frequency :	1732.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-49.53	-42.44	-6.00	-1.09	-13.00	-36.53
129.91	S	Peak	-66.38	-64.53	-0.49	-1.36	-13.00	-53.38
245.34	S	Peak	-68.83	-72.60	5.52	-1.75	-13.00	-55.83
345.25	S	Peak	-66.95	-70.93	5.99	-2.01	-13.00	-53.95
536.34	S	Peak	-63.93	-67.18	5.81	-2.56	-13.00	-50.93
767.20	S	Peak	-61.65	-64.07	5.39	-2.97	-13.00	-48.65
3465.00	H	Peak	-52.87	-58.96	12.34	-6.25	-13.00	-39.87
5197.50	H	Peak	-46.80	-51.63	12.78	-7.96	-13.00	-33.80

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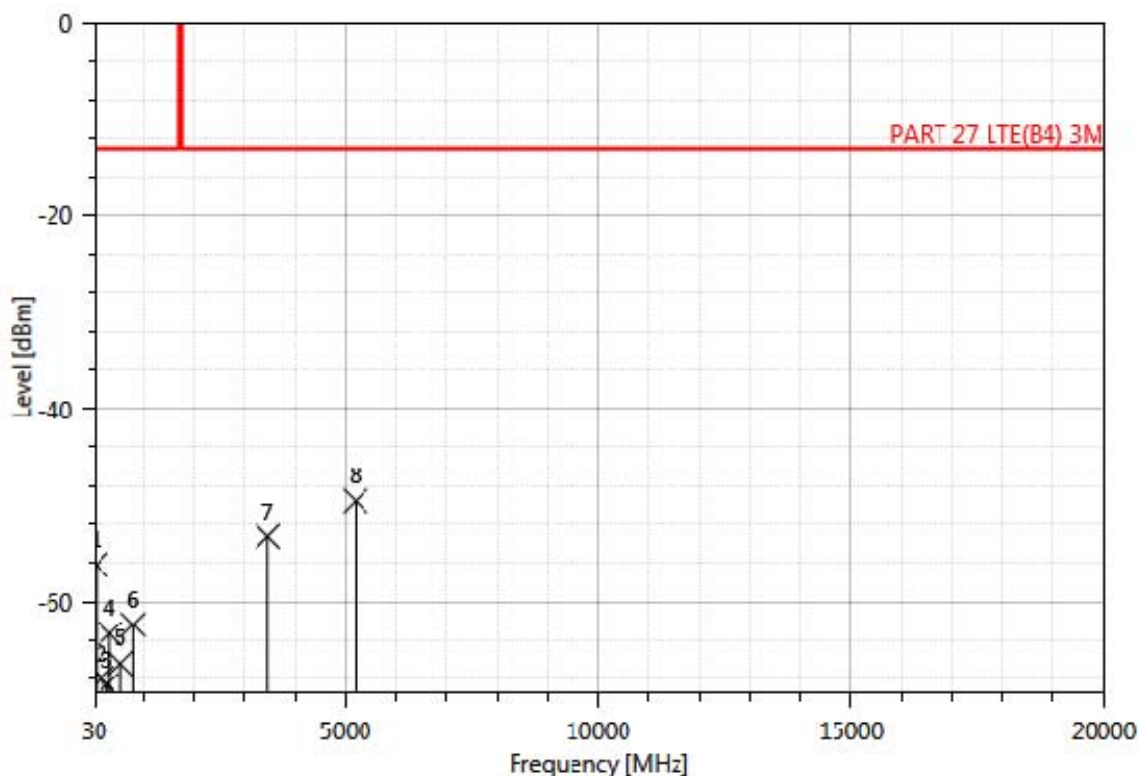
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Operation Mode :	LTE B4	Test Date :	05/04/2016 10:12:54
Fundamental Frequency :	1732.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-56.19	-49.10	-6.00	-1.09	-13.00	-43.19
177.44	S	Peak	-67.90	-68.94	2.59	-1.55	-13.00	-54.90
282.20	S	Peak	-68.65	-72.34	5.57	-1.89	-13.00	-55.65
340.40	S	Peak	-63.32	-67.32	5.97	-1.97	-13.00	-50.32
547.01	S	Peak	-66.40	-69.49	5.75	-2.67	-13.00	-53.40
794.36	S	Peak	-62.39	-64.97	5.47	-2.90	-13.00	-49.39
3465.00	H	Peak	-53.28	-59.37	12.34	-6.25	-13.00	-40.28
5197.50	H	Peak	-49.53	-54.36	12.78	-7.96	-13.00	-36.53

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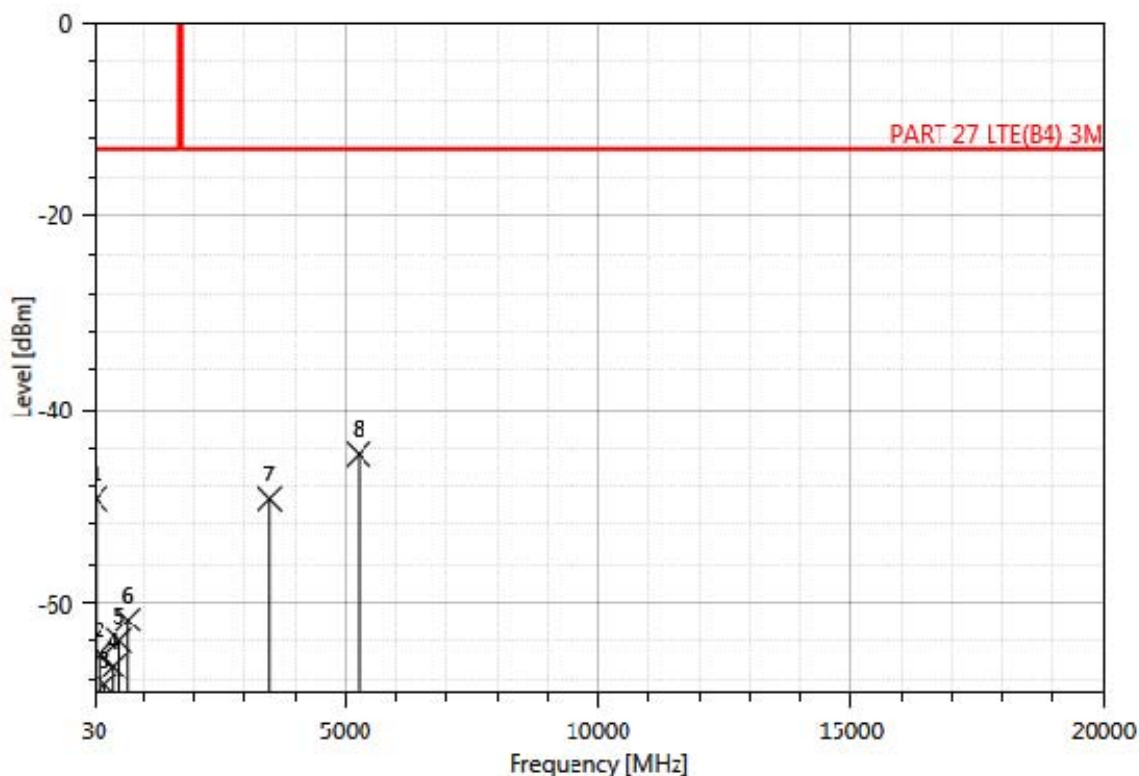
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Operation Mode :	LTE B4	Test Date :	05/04/2016 10:13:08
Fundamental Frequency :	1753.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-49.24	-41.34	-6.82	-1.08	-13.00	-36.24
136.70	S	Peak	-65.33	-63.41	-0.53	-1.38	-13.00	-52.33
241.46	S	Peak	-68.53	-72.24	5.46	-1.74	-13.00	-55.53
416.06	S	Peak	-66.56	-70.11	5.91	-2.36	-13.00	-53.56
522.76	S	Peak	-63.93	-67.40	5.88	-2.42	-13.00	-50.93
694.45	S	Peak	-61.77	-64.13	5.24	-2.88	-13.00	-48.77
3507.00	H	Peak	-49.25	-55.17	12.40	-6.48	-13.00	-36.25
5260.50	H	Peak	-44.61	-49.39	12.81	-8.02	-13.00	-31.61

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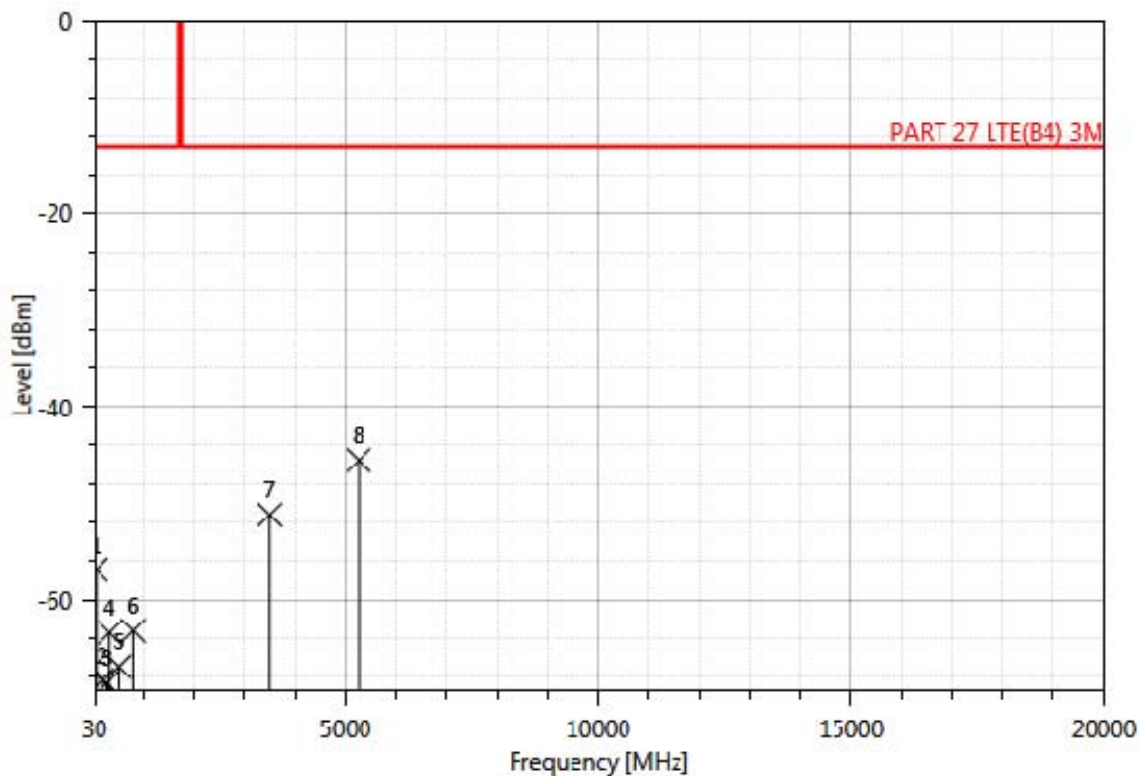
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Operation Mode :	LTE B4	Test Date :	05/04/2016 10:13:21
Fundamental Frequency :	1753.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-56.88	-49.79	-6.00	-1.09	-13.00	-43.88
177.44	S	Peak	-68.37	-69.40	2.59	-1.55	-13.00	-55.37
287.05	S	Peak	-68.64	-72.31	5.58	-1.91	-13.00	-55.64
335.55	S	Peak	-63.43	-67.44	5.95	-1.93	-13.00	-50.43
522.76	S	Peak	-66.93	-70.39	5.88	-2.42	-13.00	-53.93
796.30	S	Peak	-63.22	-65.80	5.48	-2.90	-13.00	-50.22
3507.00	H	Peak	-51.20	-57.12	12.40	-6.48	-13.00	-38.20
5260.50	H	Peak	-45.54	-50.33	12.81	-8.02	-13.00	-32.54

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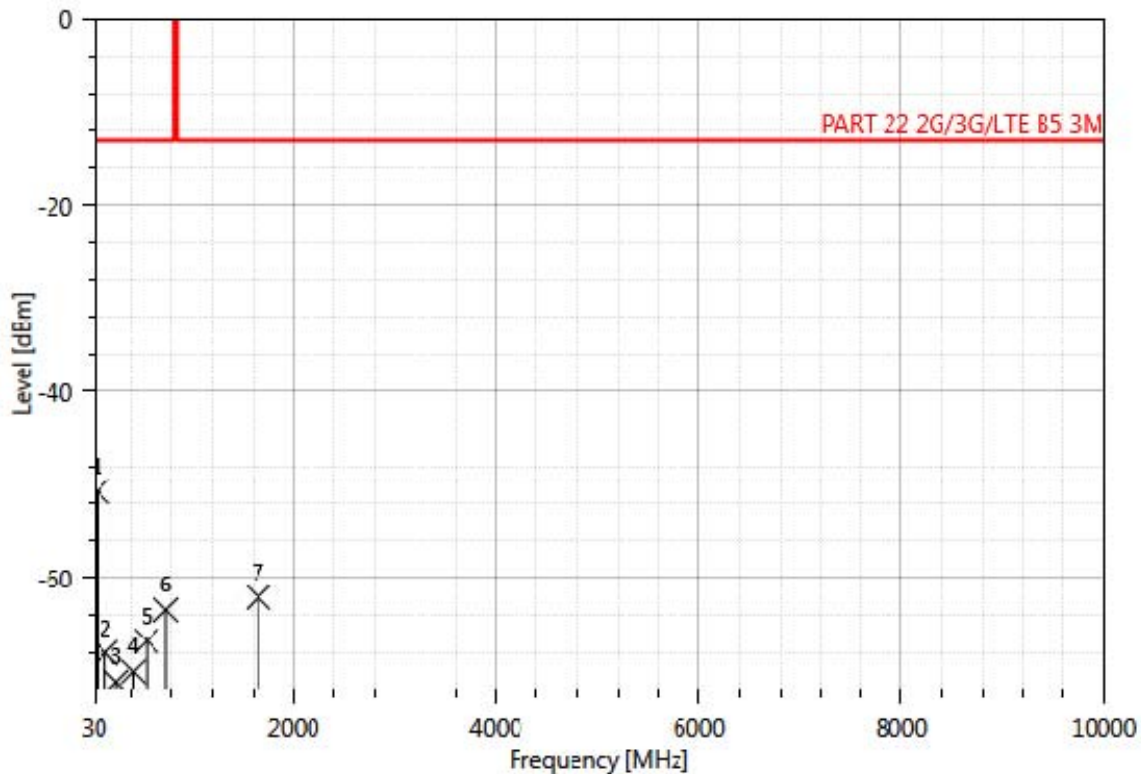
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 5 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B5	Test Date :	05/04/2016 10:01:39
Fundamental Frequency :	825.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
59.10	S	Peak	-50.70	-40.65	-8.97	-1.08	-13.00	-37.70
141.55	S	Peak	-68.05	-64.05	-2.60	-1.40	-13.00	-55.05
248.25	S	Peak	-71.14	-72.80	3.41	-1.75	-13.00	-58.14
415.09	S	Peak	-70.04	-71.44	3.77	-2.37	-13.00	-57.04
547.01	S	Peak	-66.78	-67.71	3.60	-2.67	-13.00	-53.78
741.01	S	Peak	-63.45	-63.48	3.16	-3.13	-13.00	-50.45
1651.00	H	Peak	-62.10	-67.13	9.27	-4.23	-13.00	-49.10

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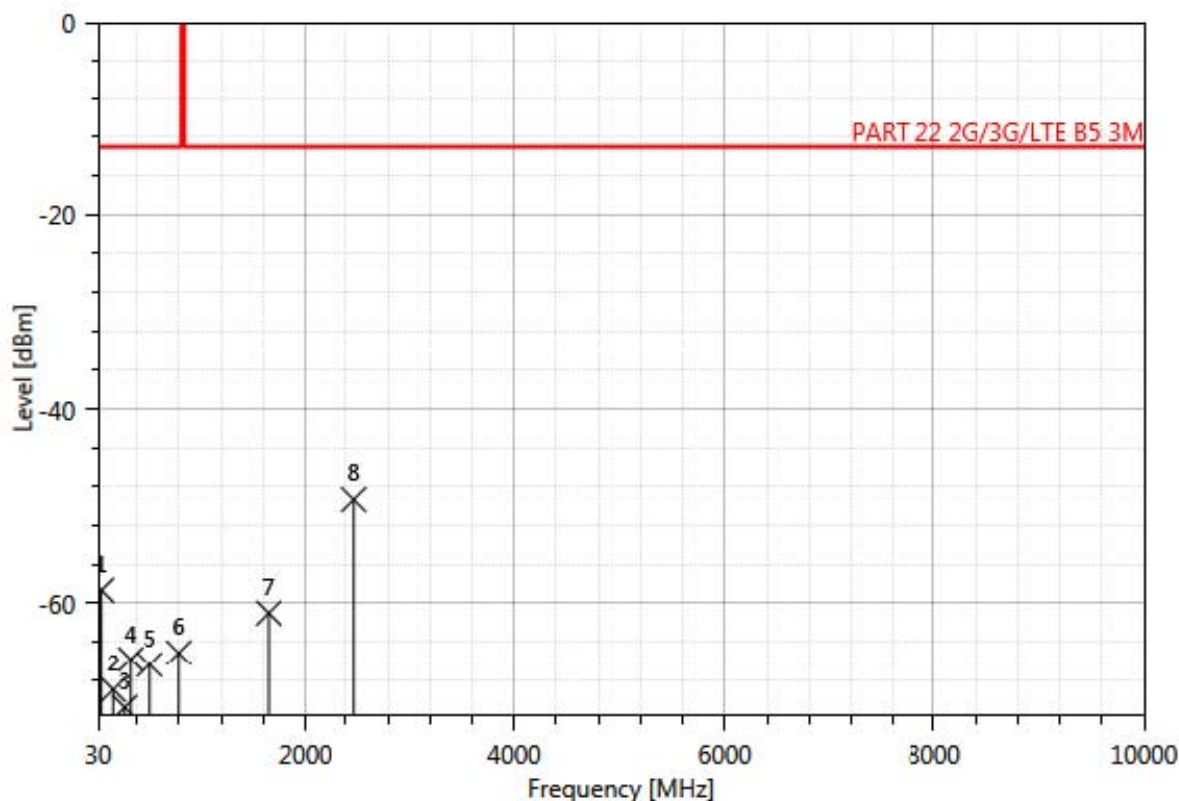
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Operation Mode :	LTE B5	Test Date :	05/04/2016 10:01:46
Fundamental Frequency :	825.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
62.01	S	Peak	-58.65	-49.40	-8.15	-1.09	-13.00	-45.65
173.56	S	Peak	-69.04	-67.24	-0.26	-1.53	-13.00	-56.04
282.20	S	Peak	-70.89	-72.43	3.42	-1.89	-13.00	-57.89
340.40	S	Peak	-65.84	-67.69	3.82	-1.97	-13.00	-52.84
517.91	S	Peak	-66.41	-67.80	3.76	-2.37	-13.00	-53.41
796.30	S	Peak	-65.15	-65.59	3.33	-2.90	-13.00	-52.15
1651.00	H	Peak	-61.02	-66.05	9.27	-4.23	-13.00	-48.02
2476.50	H	Peak	-49.30	-54.96	10.88	-5.23	-13.00	-36.30

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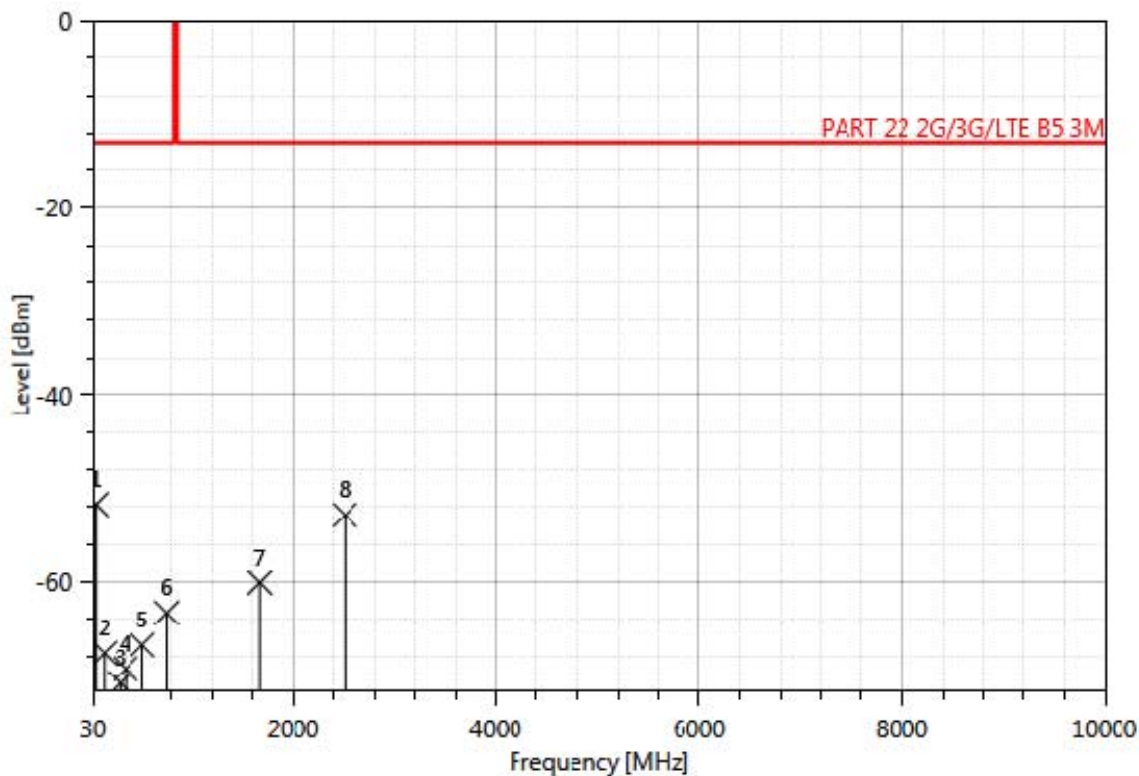
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Operation Mode : LTE B5  
Fundamental Frequency : 836.5 MHz  
Operation Band : Tx CH MID  
EUT Pol. : H Plane

Test Date : 05/04/2016 10:01:54  
Temp. / Humi. : 22 deg\_C / 62 RH  
Test Engineer : Tin  
Measurement Antenna Pol. : VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-51.74	-42.50	-8.15	-1.09	-13.00	-38.74
143.49	S	Peak	-67.64	-63.75	-2.48	-1.41	-13.00	-54.64
294.81	S	Peak	-70.85	-72.43	3.52	-1.94	-13.00	-57.85
347.19	S	Peak	-69.32	-71.14	3.85	-2.02	-13.00	-56.32
513.06	S	Peak	-66.76	-68.20	3.79	-2.35	-13.00	-53.76
750.71	S	Peak	-63.35	-63.46	3.18	-3.07	-13.00	-50.35
1673.00	H	Peak	-60.15	-65.21	9.35	-4.29	-13.00	-47.15
2509.50	H	Peak	-52.88	-58.53	10.91	-5.26	-13.00	-39.88

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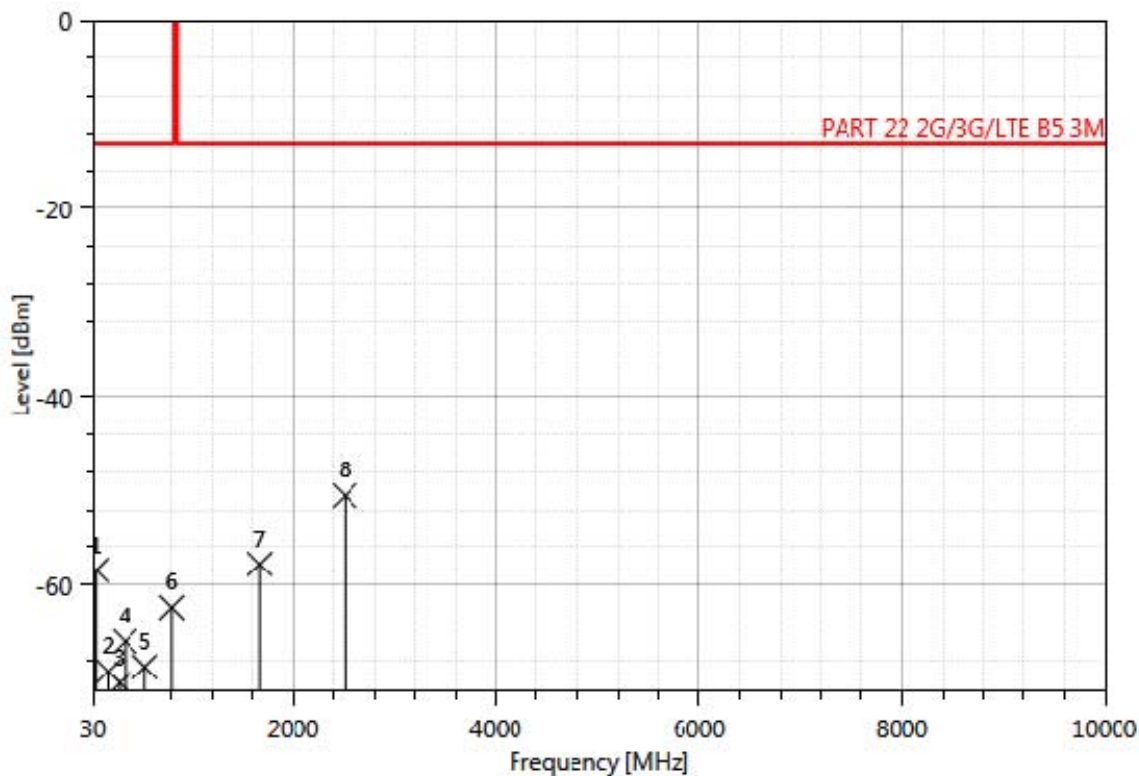
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Operation Mode :	LTE B5	Test Date :	05/04/2016 10:02:01
Fundamental Frequency :	836.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-58.42	-49.18	-8.15	-1.09	-13.00	-45.42
177.44	S	Peak	-69.16	-68.04	0.44	-1.55	-13.00	-56.16
287.05	S	Peak	-70.42	-71.93	3.43	-1.91	-13.00	-57.42
342.34	S	Peak	-66.01	-67.85	3.83	-1.99	-13.00	-53.01
539.25	S	Peak	-68.69	-69.74	3.64	-2.59	-13.00	-55.69
798.24	S	Peak	-62.36	-62.80	3.34	-2.90	-13.00	-49.36
1673.00	H	Peak	-57.76	-62.82	9.35	-4.29	-13.00	-44.76
2509.50	H	Peak	-50.47	-56.12	10.91	-5.26	-13.00	-37.47

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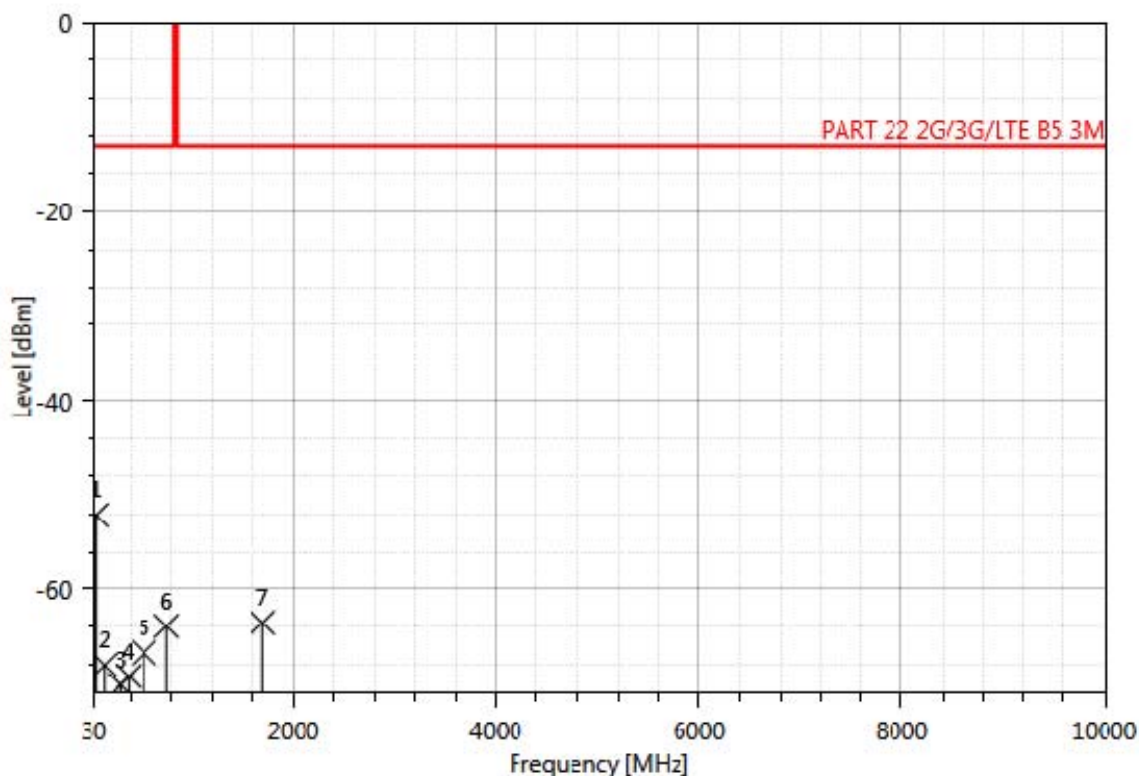
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Operation Mode :	LTE B5	Test Date :	05/04/2016 10:02:09
Fundamental Frequency :	848.3 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-52.15	-42.91	-8.15	-1.09	-13.00	-39.15
143.49	S	Peak	-68.02	-64.13	-2.48	-1.41	-13.00	-55.02
294.81	S	Peak	-70.14	-71.72	3.52	-1.94	-13.00	-57.14
372.41	S	Peak	-69.20	-70.82	3.84	-2.21	-13.00	-56.20
526.64	S	Peak	-66.72	-67.96	3.71	-2.46	-13.00	-53.72
745.86	S	Peak	-63.89	-63.96	3.17	-3.10	-13.00	-50.89
1696.60	H	Peak	-63.54	-66.51	7.28	-4.31	-13.00	-50.54

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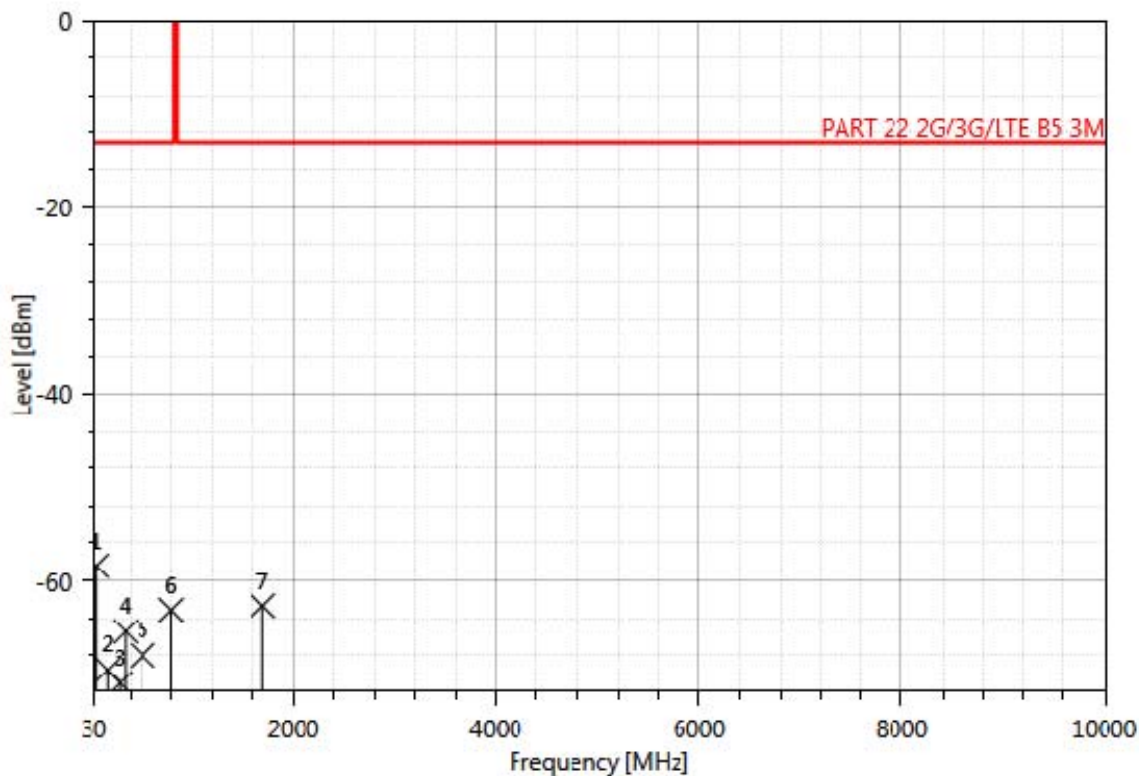
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Operation Mode :	LTE B5	Test Date :	05/04/2016 10:02:16
Fundamental Frequency :	848.3 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
62.01	S	Peak	-58.40	-49.16	-8.15	-1.09	-13.00	-45.40
172.59	S	Peak	-69.52	-67.56	-0.44	-1.53	-13.00	-56.52
288.99	S	Peak	-70.96	-72.47	3.43	-1.92	-13.00	-57.96
343.31	S	Peak	-65.42	-67.26	3.83	-1.99	-13.00	-52.42
512.09	S	Peak	-67.98	-69.42	3.79	-2.35	-13.00	-54.98
791.45	S	Peak	-63.12	-63.53	3.32	-2.90	-13.00	-50.12
1696.60	H	Peak	-62.67	-65.64	7.28	-4.31	-13.00	-49.67

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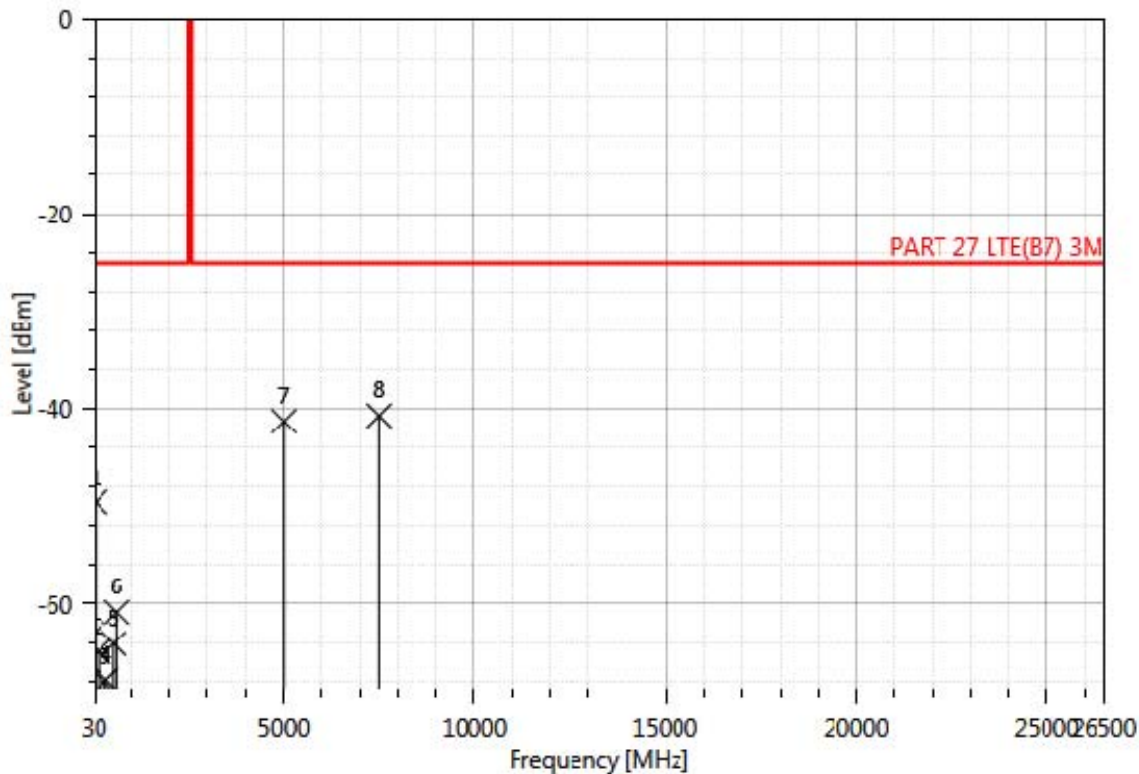
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 7 QPSK RB 1 0 (The Worst Case)

Operation Mode :	LTE B7	Test Date :	05/04/2016 10:14:46
Fundamental Frequency :	2502.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
62.01	S	Peak	-49.62	-42.53	-6.00	-1.09	-25.00	-24.62
141.55	S	Peak	-64.93	-63.08	-0.45	-1.40	-25.00	-39.93
296.75	S	Peak	-68.05	-71.81	5.71	-1.95	-25.00	-43.05
345.25	S	Peak	-67.81	-71.79	5.99	-2.01	-25.00	-42.81
548.95	S	Peak	-64.13	-67.19	5.74	-2.69	-25.00	-39.13
625.58	S	Peak	-60.91	-63.75	5.34	-2.50	-25.00	-35.91
5005.00	H	Peak	-41.29	-46.18	12.70	-7.81	-25.00	-16.29
7507.50	H	Peak	-40.73	-41.92	11.00	-9.81	-25.00	-15.73

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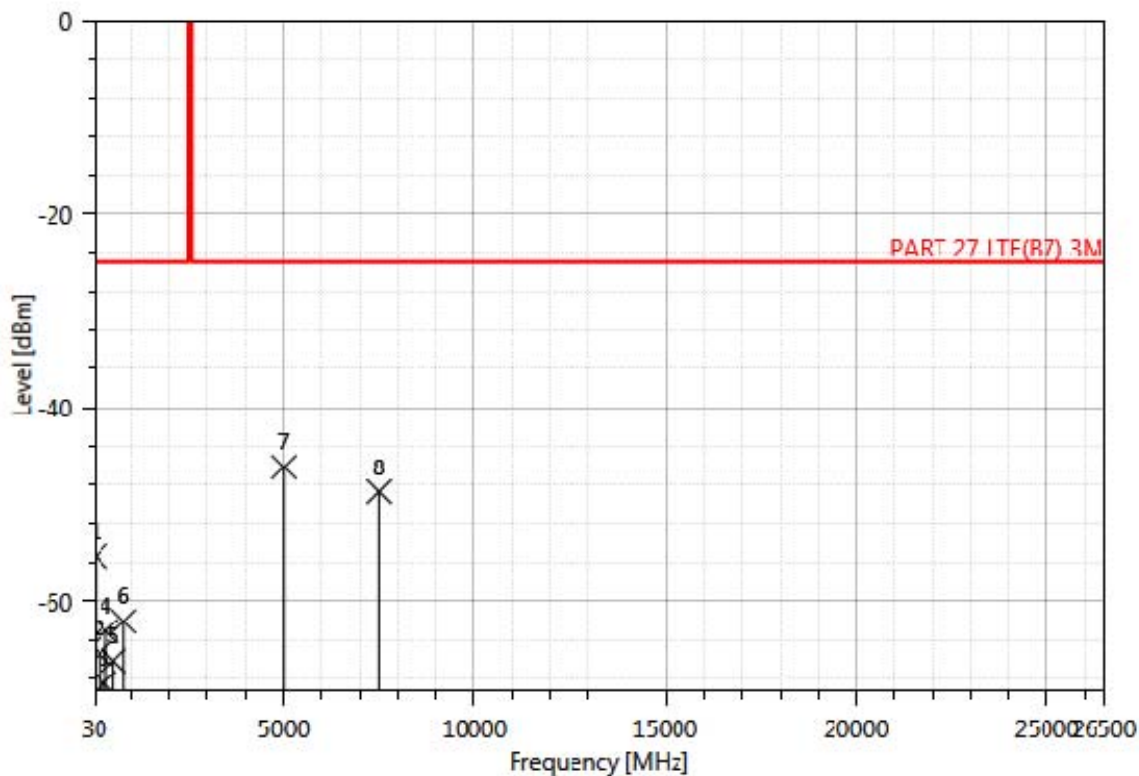
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Operation Mode :	LTE B7	Test Date :	05/04/2016 10:15:00
Fundamental Frequency :	2502.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
59.10	S	Peak	-55.32	-47.41	-6.82	-1.08	-25.00	-30.32
172.59	S	Peak	-65.40	-65.58	1.71	-1.53	-25.00	-40.40
287.05	S	Peak	-68.45	-72.12	5.58	-1.91	-25.00	-43.45
340.40	S	Peak	-63.09	-67.09	5.97	-1.97	-25.00	-38.09
532.46	S	Peak	-66.13	-69.44	5.83	-2.52	-25.00	-41.13
800.18	S	Peak	-62.08	-64.68	5.49	-2.90	-25.00	-37.08
5005.00	H	Peak	-46.13	-51.02	12.70	-7.81	-25.00	-21.13
7507.50	H	Peak	-48.66	-49.85	11.00	-9.81	-25.00	-23.66

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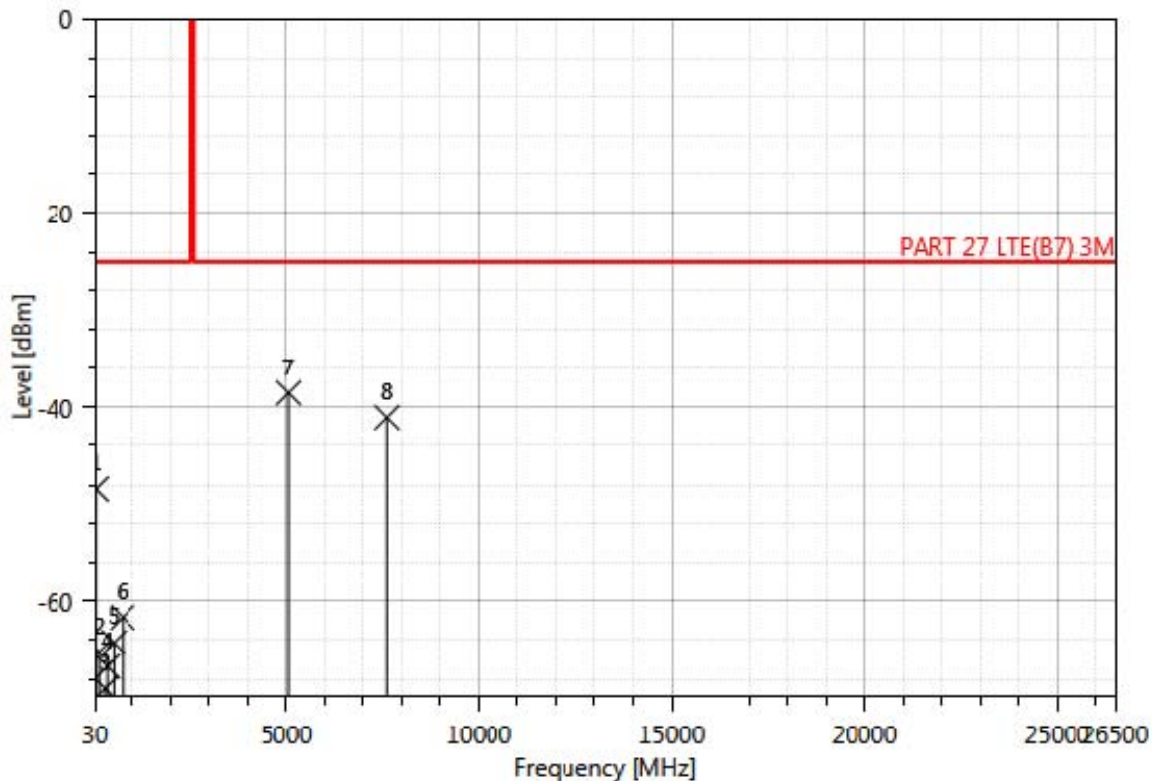
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Operation Mode :	LTE B7	Test Date :	05/04/2016 10:15:13
Fundamental Frequency :	2535.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
59.10	S	Peak	-48.39	-40.49	-6.82	-1.08	-25.00	-23.39
140.58	S	Peak	-65.19	-63.28	-0.51	-1.40	-25.00	-40.19
293.84	S	Peak	-68.98	-72.69	5.65	-1.94	-25.00	-43.98
350.10	S	Peak	-66.72	-70.68	6.01	-2.05	-25.00	-41.72
521.79	S	Peak	-64.25	-67.73	5.89	-2.41	-25.00	-39.25
749.74	S	Peak	-61.68	-63.93	5.33	-3.08	-25.00	-36.68
5070.00	H	Peak	-38.51	-43.38	12.73	-7.86	-25.00	-13.51
7605.00	H	Peak	-41.03	-42.15	11.02	-9.89	-25.00	-16.03

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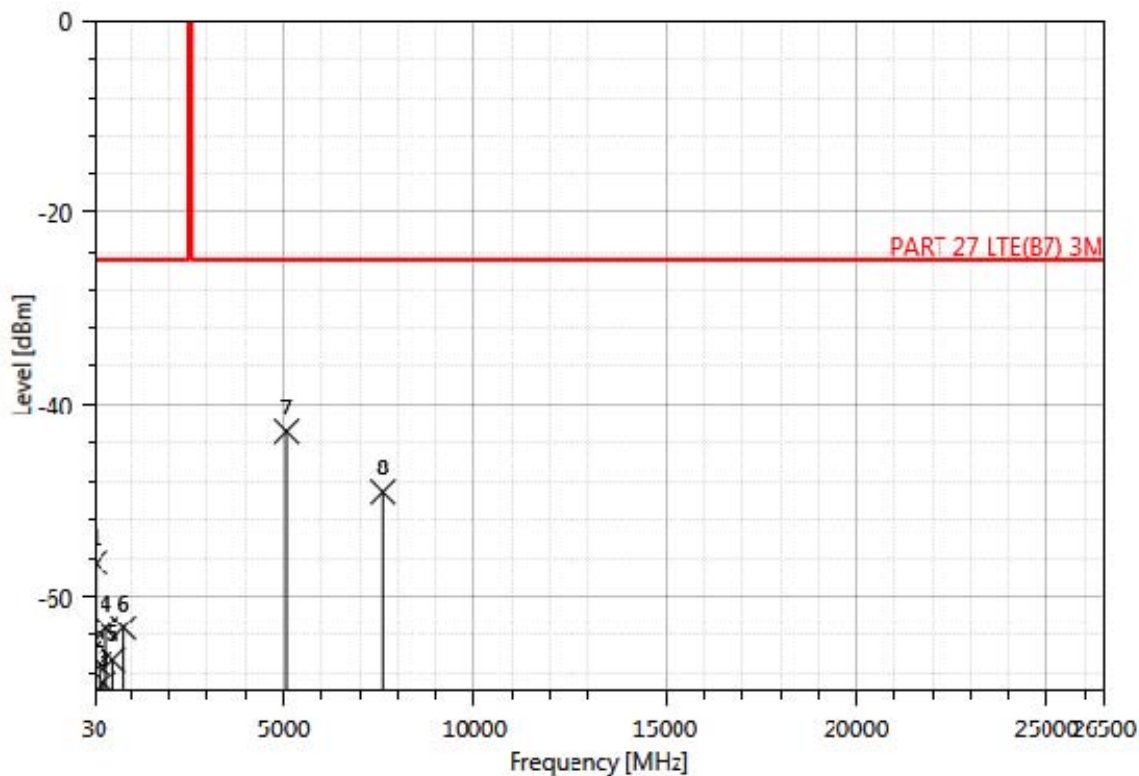
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Operation Mode :	LTE B7	Test Date :	05/04/2016 10:15:27
Fundamental Frequency :	2535.0 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	dB
62.01	S	Peak	-56.45	-49.36	-6.00	-1.09	-25.00	-31.45
173.56	S	Peak	-67.01	-67.36	1.89	-1.53	-25.00	-42.01
277.35	S	Peak	-69.00	-72.73	5.60	-1.86	-25.00	-44.00
340.40	S	Peak	-63.32	-67.31	5.97	-1.97	-25.00	-38.32
517.91	S	Peak	-66.53	-70.07	5.91	-2.37	-25.00	-41.53
794.36	S	Peak	-63.23	-65.81	5.47	-2.90	-25.00	-38.23
5070.00	H	Peak	-42.82	-47.68	12.73	-7.86	-25.00	-17.82
7605.00	H	Peak	-49.09	-50.22	11.02	-9.89	-25.00	-24.09

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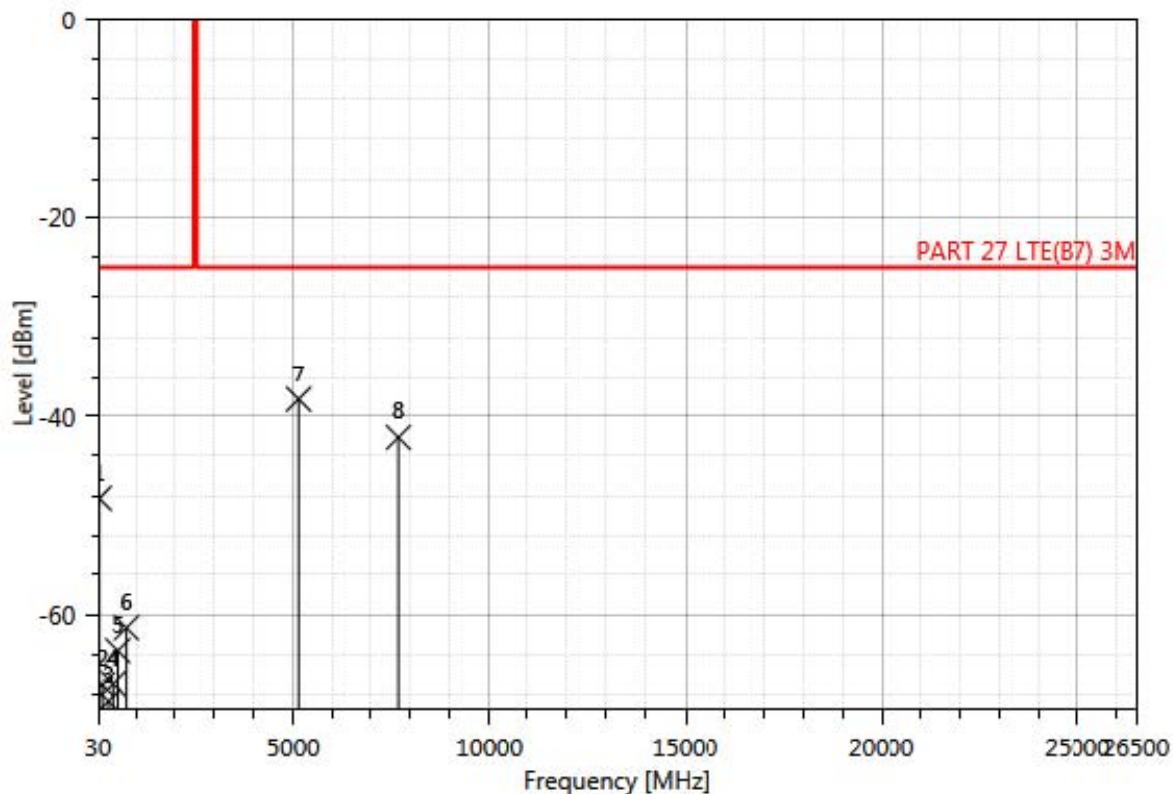
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Operation Mode :	LTE B7	Test Date :	05/04/2016 10:15:41
Fundamental Frequency :	2567.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-48.22	-40.32	-6.82	-1.08	-25.00	-23.22
138.64	S	Peak	-67.00	-65.07	-0.54	-1.39	-25.00	-42.00
291.90	S	Peak	-68.64	-72.32	5.62	-1.93	-25.00	-43.64
408.30	S	Peak	-66.91	-70.44	5.94	-2.41	-25.00	-41.91
527.61	S	Peak	-63.60	-66.98	5.86	-2.47	-25.00	-38.60
744.89	S	Peak	-61.31	-63.53	5.32	-3.11	-25.00	-36.31
5135.00	H	Peak	-38.32	-43.15	12.76	-7.92	-25.00	-13.32
7702.50	H	Peak	-42.14	-43.18	11.04	-10.00	-25.00	-17.14

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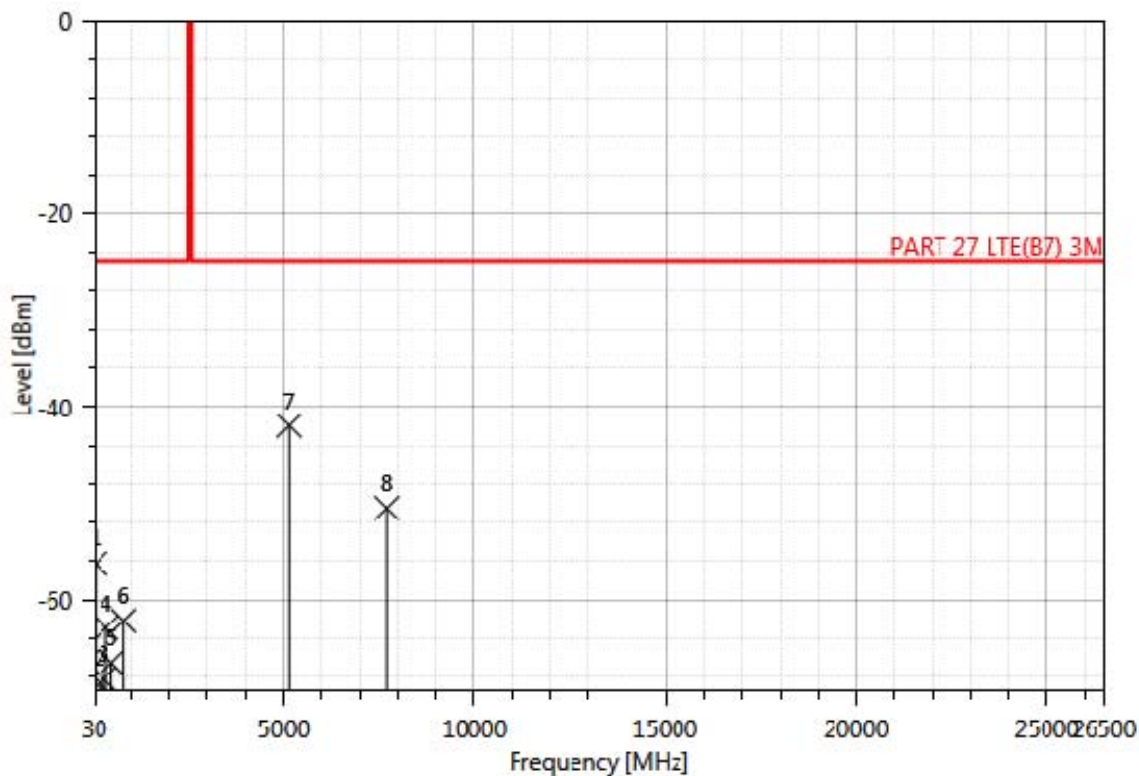
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Operation Mode :	LTE B7	Test Date :	05/04/2016 10:15:55
Fundamental Frequency :	2567.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	E1 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBi	dB	dBm	
59.10	S	Peak	-56.22	-48.31	-6.82	-1.08	-25.00	-31.22
172.59	S	Peak	-68.61	-68.80	1.71	-1.53	-25.00	-43.61
282.20	S	Peak	-68.18	-71.87	5.57	-1.89	-25.00	-43.18
340.40	S	Peak	-62.90	-66.90	5.97	-1.97	-25.00	-37.90
482.99	S	Peak	-66.50	-70.20	5.94	-2.25	-25.00	-41.50
798.24	S	Peak	-62.15	-64.74	5.49	-2.90	-25.00	-37.15
5135.00	H	Peak	-41.96	-46.79	12.76	-7.92	-25.00	-16.96
7702.50	H	Peak	-50.48	-51.52	11.04	-10.00	-25.00	-25.48

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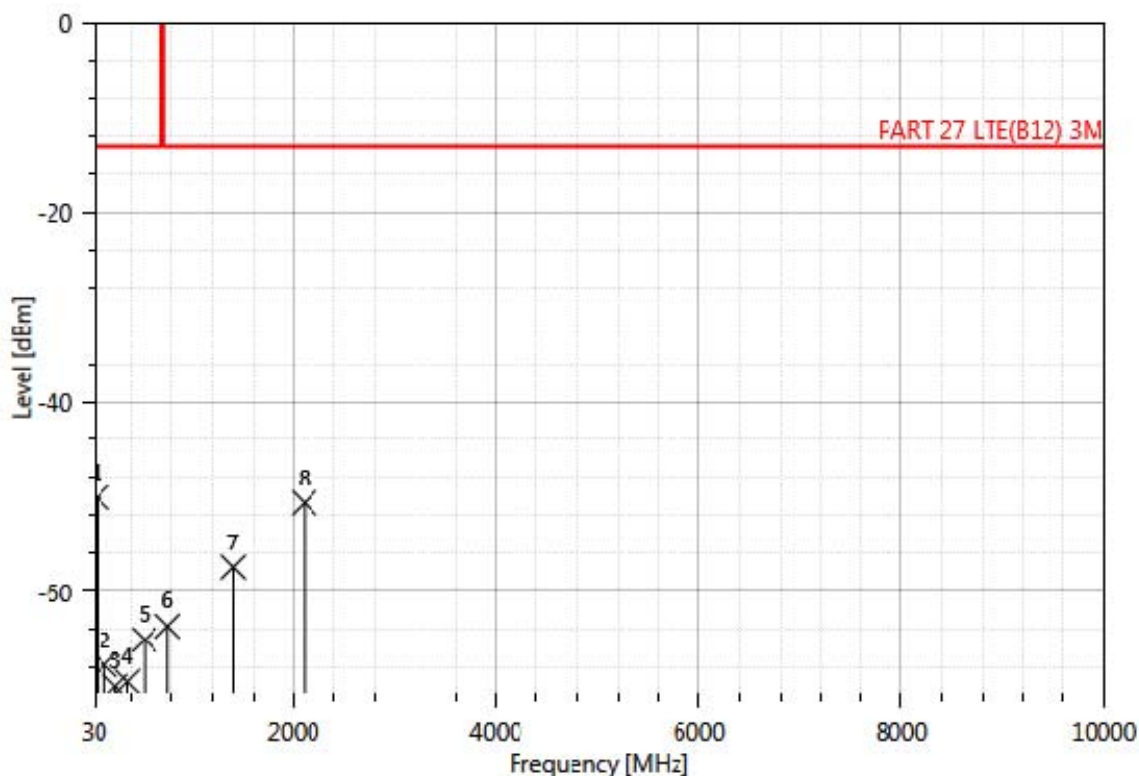
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 12 16QAM RB 1 24 (The Worst Case)

Operation Mode :	LTE B12	Test Date :	05/04/2016 10:19:16
Fundamental Frequency :	701.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
59.10	S	Peak	-50.12	-40.07	-8.97	-1.08	-13.00	-37.12
134.76	S	Peak	-67.73	-63.69	-2.67	-1.38	-13.00	-54.73
239.52	S	Peak	-69.98	-71.52	3.28	-1.74	-13.00	-56.98
356.89	S	Peak	-69.48	-71.23	3.86	-2.10	-13.00	-56.48
526.64	S	Peak	-65.13	-66.38	3.71	-2.46	-13.00	-52.13
755.56	S	Peak	-63.70	-63.85	3.20	-3.04	-13.00	-50.70
1403.00	H	Peak	-57.44	-61.83	8.29	-3.90	-13.00	-44.44
2104.50	H	Peak	-50.68	-56.40	10.51	-4.80	-13.00	-37.68

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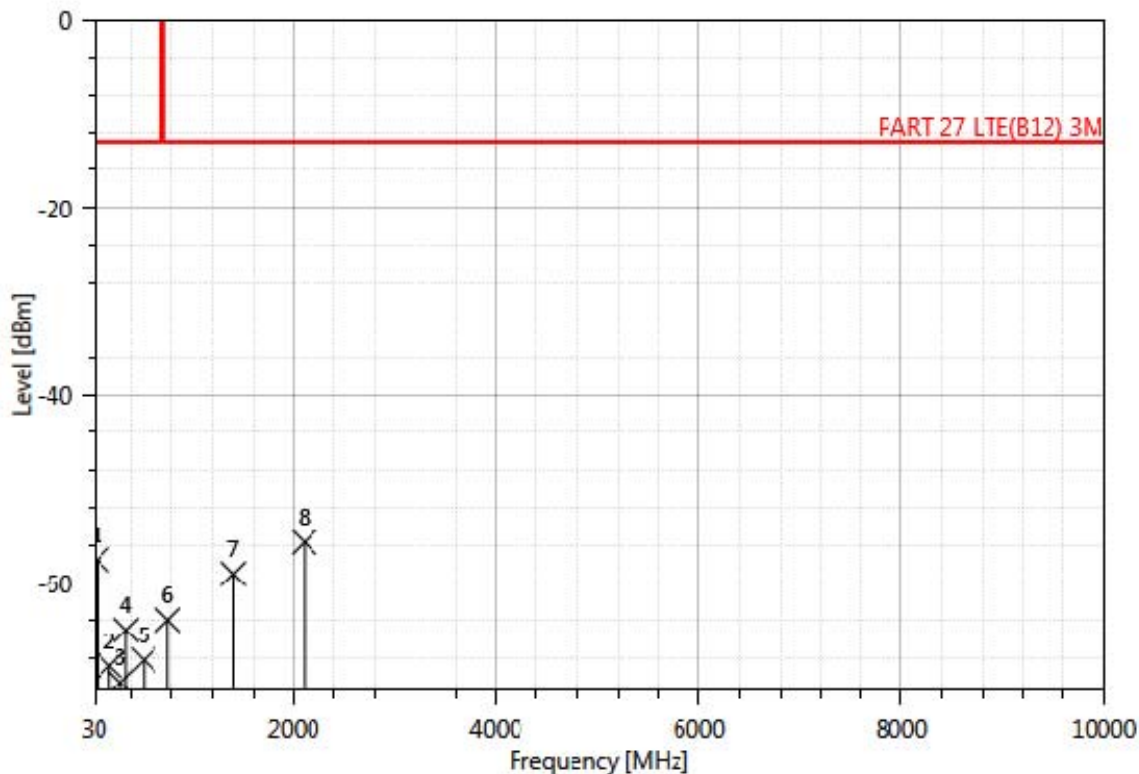
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Operation Mode :	LTE B12	Test Date :	05/04/2016 10:19:23
Fundamental Frequency :	701.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH LOW	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-57.57	-47.52	-8.97	-1.08	-13.00	-44.57
182.29	S	Peak	-68.84	-68.54	1.28	-1.57	-13.00	-55.84
287.05	S	Peak	-70.67	-72.18	3.43	-1.91	-13.00	-57.67
343.31	S	Peak	-65.07	-66.91	3.83	-1.99	-13.00	-52.07
517.91	S	Peak	-68.24	-69.63	3.76	-2.37	-13.00	-55.24
757.50	S	Peak	-63.99	-64.16	3.21	-3.03	-13.00	-50.99
1403.00	H	Peak	-59.07	-63.46	8.29	-3.90	-13.00	-46.07
2104.50	H	Peak	-55.72	-61.44	10.51	-4.80	-13.00	-42.72

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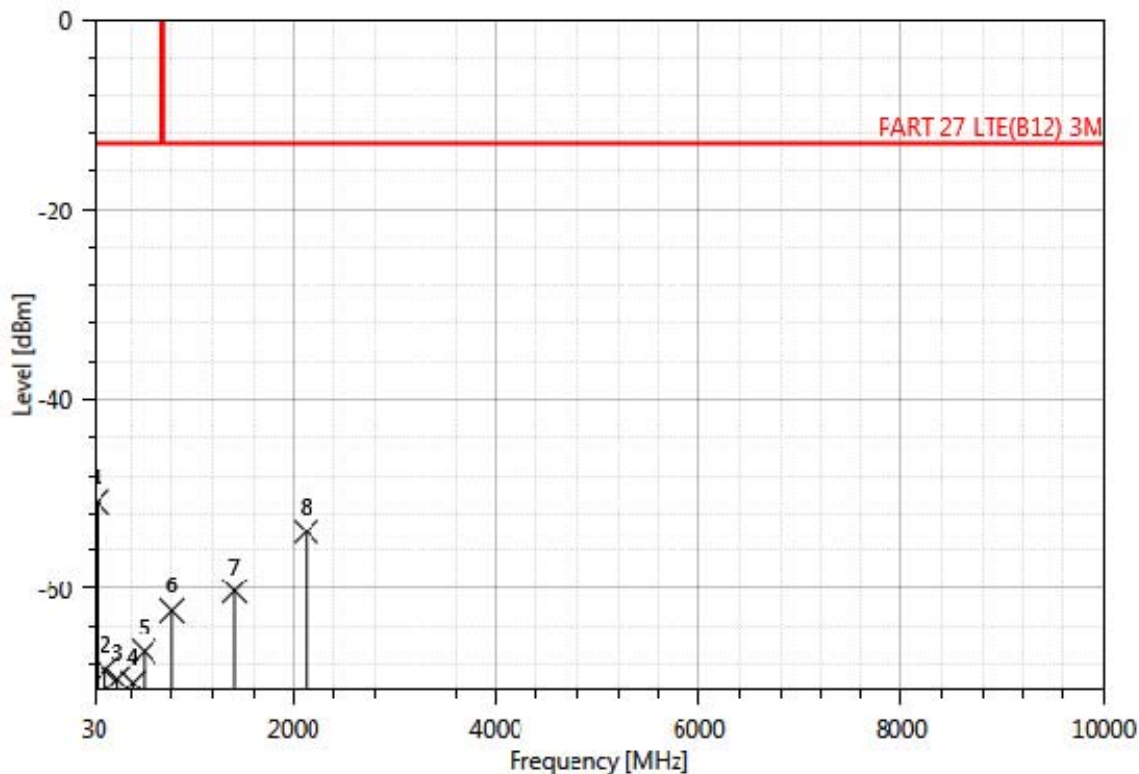
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Operation Mode :	LTE B12	Test Date :	05/04/2016 10:19:31
Fundamental Frequency :	707.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-50.86	-40.81	-8.97	-1.08	-13.00	-37.86
141.55	S	Peak	-68.56	-64.56	-2.60	-1.40	-13.00	-55.56
259.89	S	Peak	-69.48	-71.38	3.68	-1.77	-13.00	-56.48
411.21	S	Peak	-69.90	-71.28	3.78	-2.39	-13.00	-56.90
521.79	S	Peak	-66.64	-67.97	3.74	-2.41	-13.00	-53.64
799.21	S	Peak	-62.30	-62.74	3.34	-2.90	-13.00	-49.30
1415.00	H	Peak	-60.26	-64.69	8.34	-3.91	-13.00	-47.26
2122.50	H	Peak	-53.98	-59.70	10.53	-4.81	-13.00	-40.98

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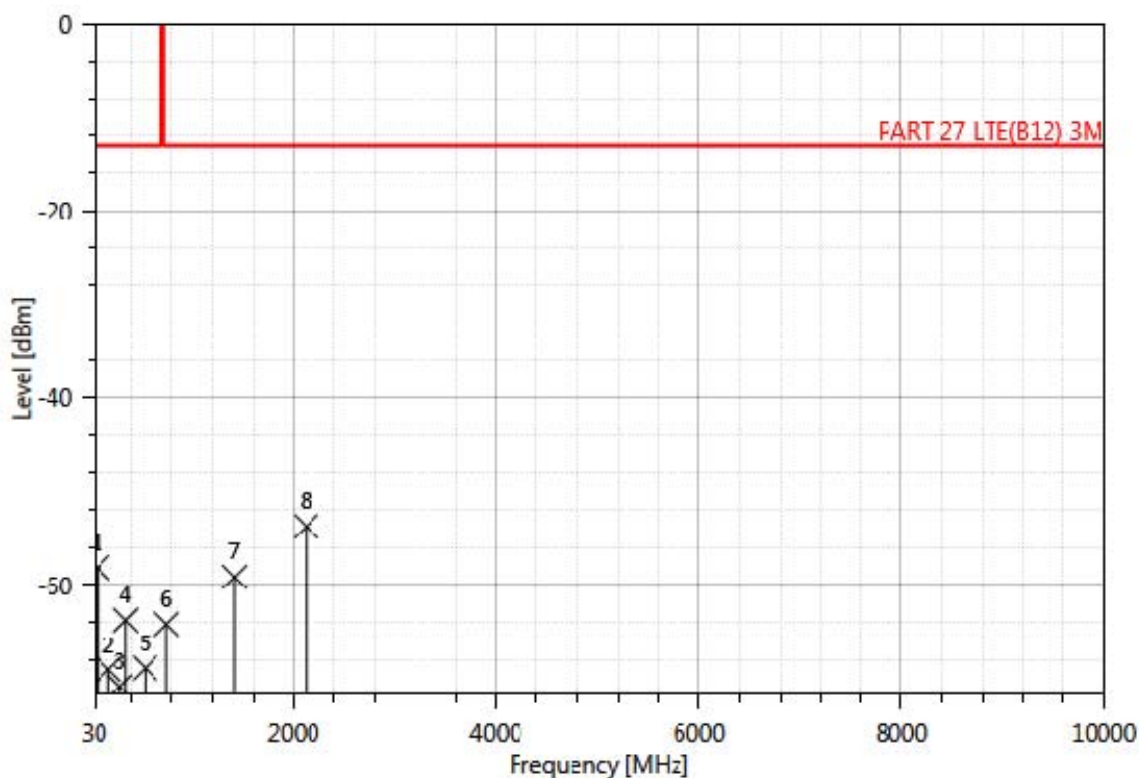
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Operation Mode :	LTE B12	Test Date :	05/04/2016 10:19:39
Fundamental Frequency :	707.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH MID	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-58.19	-48.95	-8.15	-1.09	-13.00	-45.19
172.59	S	Peak	-69.09	-67.12	-0.44	-1.53	-13.00	-56.09
282.20	S	Peak	-70.93	-72.47	3.42	-1.89	-13.00	-57.93
340.40	S	Peak	-63.82	-65.67	3.82	-1.97	-13.00	-50.82
532.46	S	Peak	-68.94	-70.10	3.68	-2.52	-13.00	-55.94
744.89	S	Peak	-64.24	-64.30	3.17	-3.11	-13.00	-51.24
1415.00	H	Peak	-59.20	-63.62	8.34	-3.91	-13.00	-46.20
2122.50	H	Peak	-53.79	-59.52	10.53	-4.81	-13.00	-40.79

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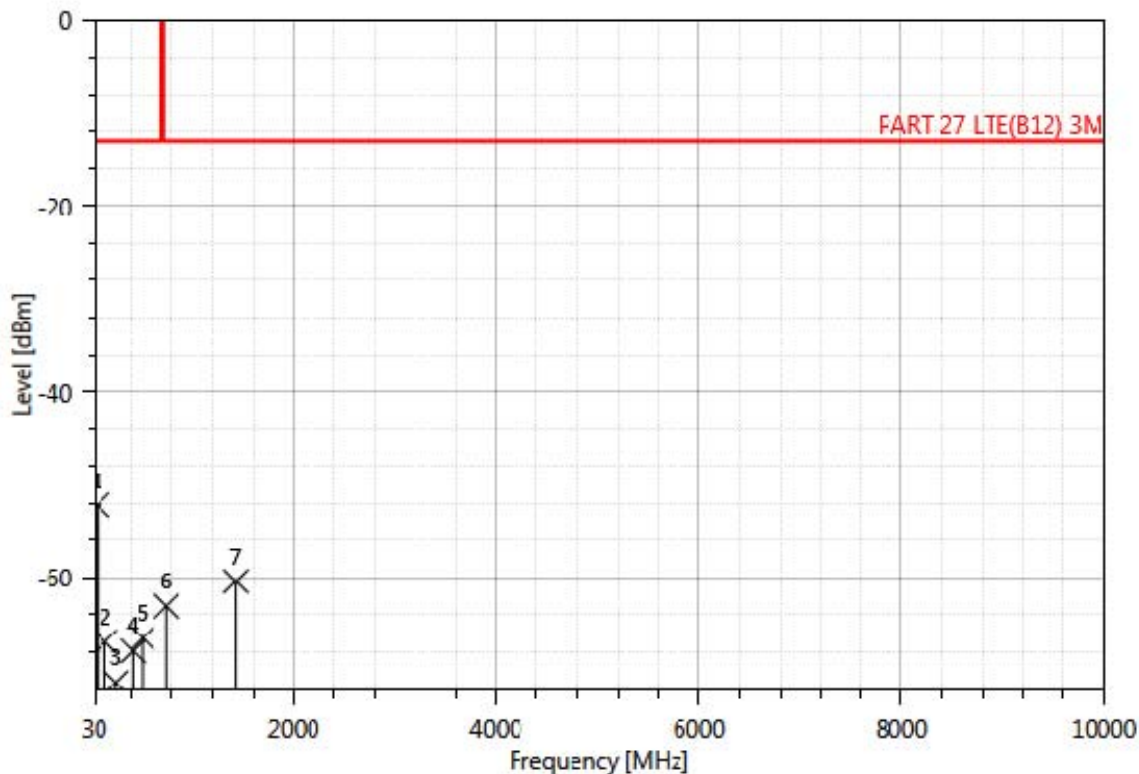
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Operation Mode :	LTE B12	Test Date :	05/04/2016 10:19:46
Fundamental Frequency :	713.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	VERTICAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
62.01	S	Peak	-52.17	-42.92	-8.15	-1.09	-13.00	-39.17
138.64	S	Peak	-66.90	-62.81	-2.69	-1.39	-13.00	-53.90
245.34	S	Peak	-71.27	-72.89	3.37	-1.75	-13.00	-58.27
413.15	S	Peak	-67.88	-69.28	3.77	-2.38	-13.00	-54.88
505.30	S	Peak	-66.49	-67.99	3.83	-2.33	-13.00	-53.49
745.86	S	Peak	-63.05	-63.12	3.17	-3.10	-13.00	-50.05
1427.00	H	Peak	-60.39	-64.84	8.39	-3.93	-13.00	-47.39

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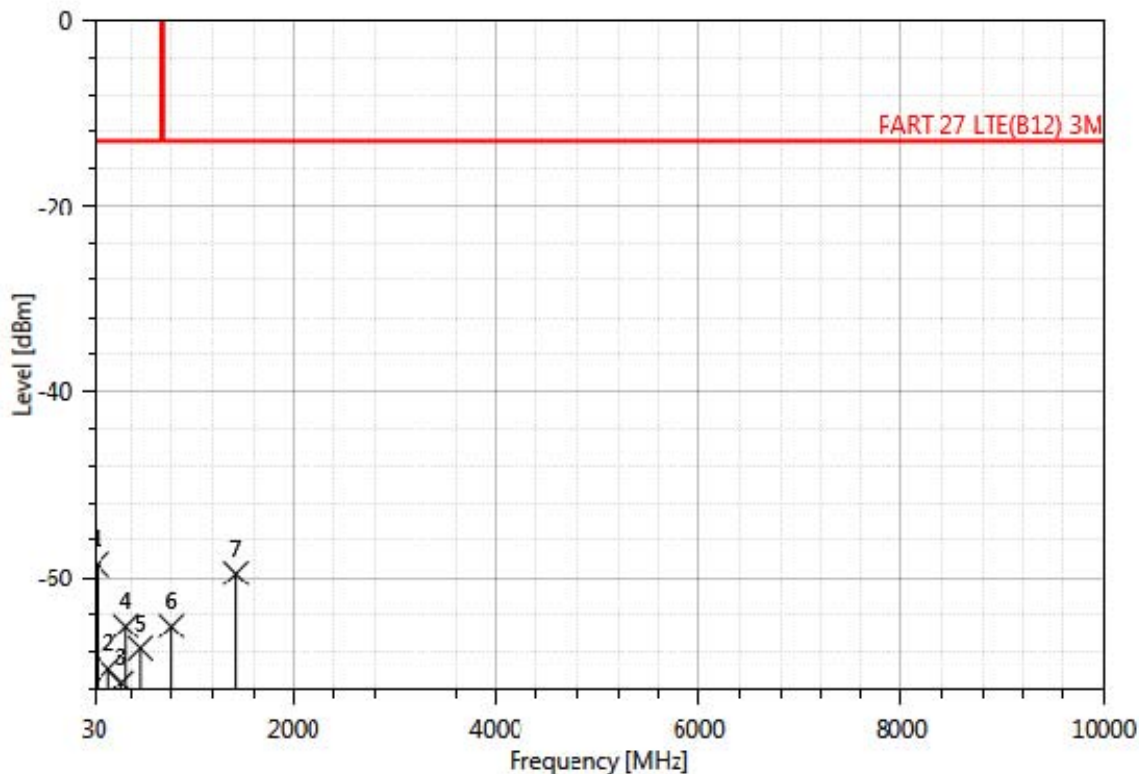
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Operation Mode :	LTE B12	Test Date :	05/04/2016 10:19:53
Fundamental Frequency :	713.5 MHz	Temp. / Humi. :	22 deg_C / 62 RH
Operation Band :	Tx CH HIGH	Test Engineer :	Tin
EUT Pol. :	H Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.10	S	Peak	-58.55	-48.50	-8.97	-1.08	-13.00	-45.55
172.59	S	Peak	-69.83	-67.86	-0.44	-1.53	-13.00	-56.83
294.81	S	Peak	-71.31	-72.88	3.52	-1.94	-13.00	-58.31
340.40	S	Peak	-65.24	-67.09	3.82	-1.97	-13.00	-52.24
481.05	S	Peak	-67.66	-69.20	3.78	-2.24	-13.00	-54.66
794.36	S	Peak	-65.22	-65.65	3.32	-2.90	-13.00	-52.22
1427.00	H	Peak	-59.54	-64.00	8.39	-3.93	-13.00	-46.54

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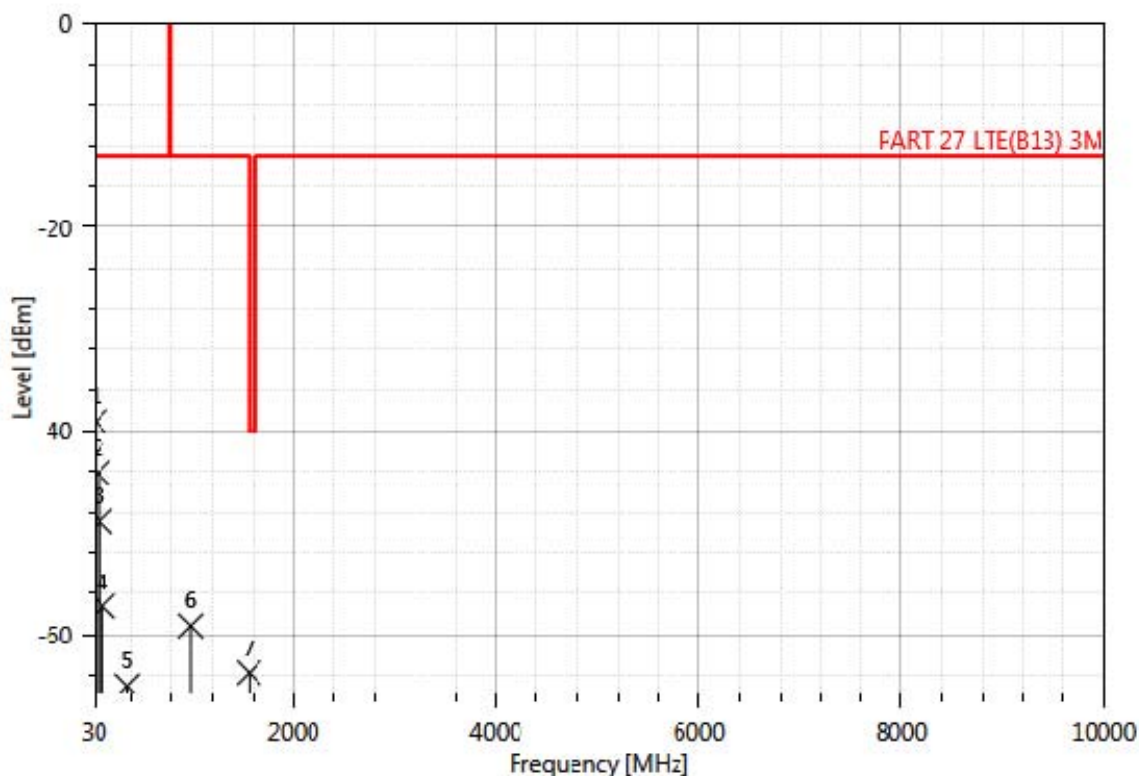
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## Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 13 16QAM RB 1 0 (The Worst Case)

Operation Mode :	LTE B13	Test Date :	01/11/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	TX LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	
41.64	S	Peak	-39.10	-25.27	-12.83	-1.00	-13.00	-26.10
68.80	S	Peak	-44.13	-36.78	-6.24	-1.11	-13.00	-31.13
88.20	S	Peak	-48.86	-46.81	-0.85	-1.20	-13.00	-35.86
115.36	S	Peak	-57.24	-53.47	-2.46	-1.31	-13.00	-44.24
354.95	S	Peak	-65.03	-66.80	3.86	-2.09	-13.00	-52.03
978.66	S	Peak	-59.14	-59.57	3.62	-3.19	-13.00	-46.14
1559.00	H	Peak	-63.75	-66.41	6.78	-4.12	-40.00	-23.75

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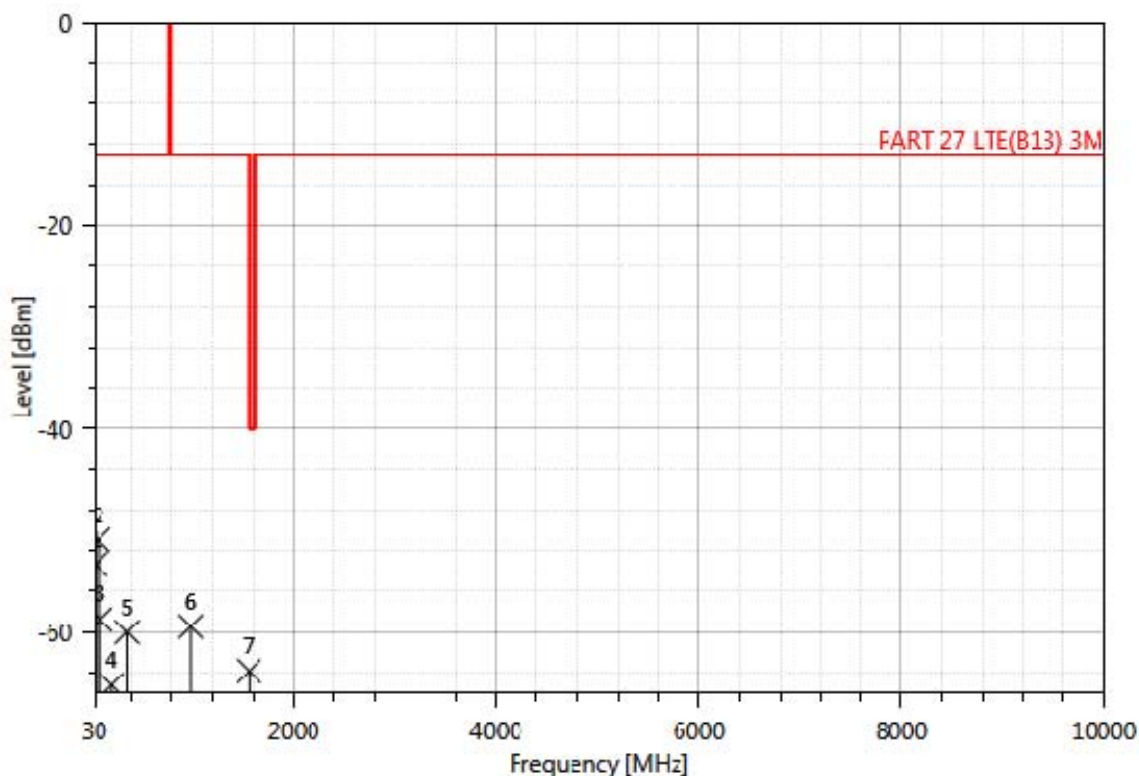
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Operation Mode :	LTE B13	Test Date :	01/11/2017
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	TX LOW	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-53.33	-39.50	-12.83	-1.00	-13.00	-40.33
68.80	S	Peak	-50.95	-43.60	-6.24	-1.11	-13.00	-37.95
90.14	S	Peak	-58.78	-57.12	-0.45	-1.21	-13.00	-45.78
204.60	S	Peak	-65.23	-66.87	3.30	-1.65	-13.00	-52.23
354.95	S	Peak	-60.01	-61.78	3.86	-2.09	-13.00	-47.01
978.66	S	Peak	-59.46	-59.89	3.62	-3.19	-13.00	-46.46
1559.00	H	Peak	-63.84	-66.49	6.78	-4.12	-40.00	-23.84

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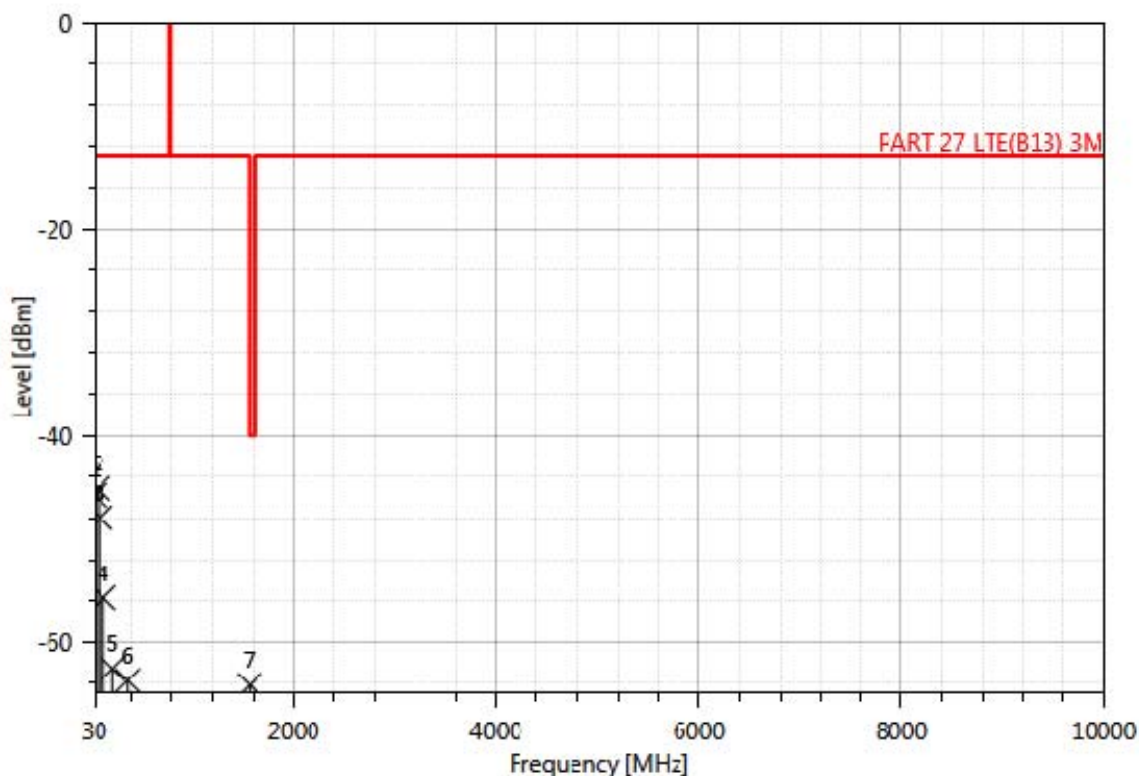
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Operation Mode :	LTE B13	Test Date :	01/11/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	TX MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-45.77	-31.94	-12.83	-1.00	-13.00	-32.77
68.80	S	Peak	-45.11	-37.76	-6.24	-1.11	-13.00	-32.11
90.14	S	Peak	-47.95	-46.29	-0.45	-1.21	-13.00	-34.95
122.15	S	Peak	-55.68	-51.87	-2.48	-1.33	-13.00	-42.68
212.36	S	Peak	-62.54	-64.34	3.48	-1.68	-13.00	-49.54
359.80	S	Peak	-63.70	-65.43	3.85	-2.12	-13.00	-50.70
1564.00	H	Peak	-64.14	-66.81	6.80	-4.13	-40.00	-24.14

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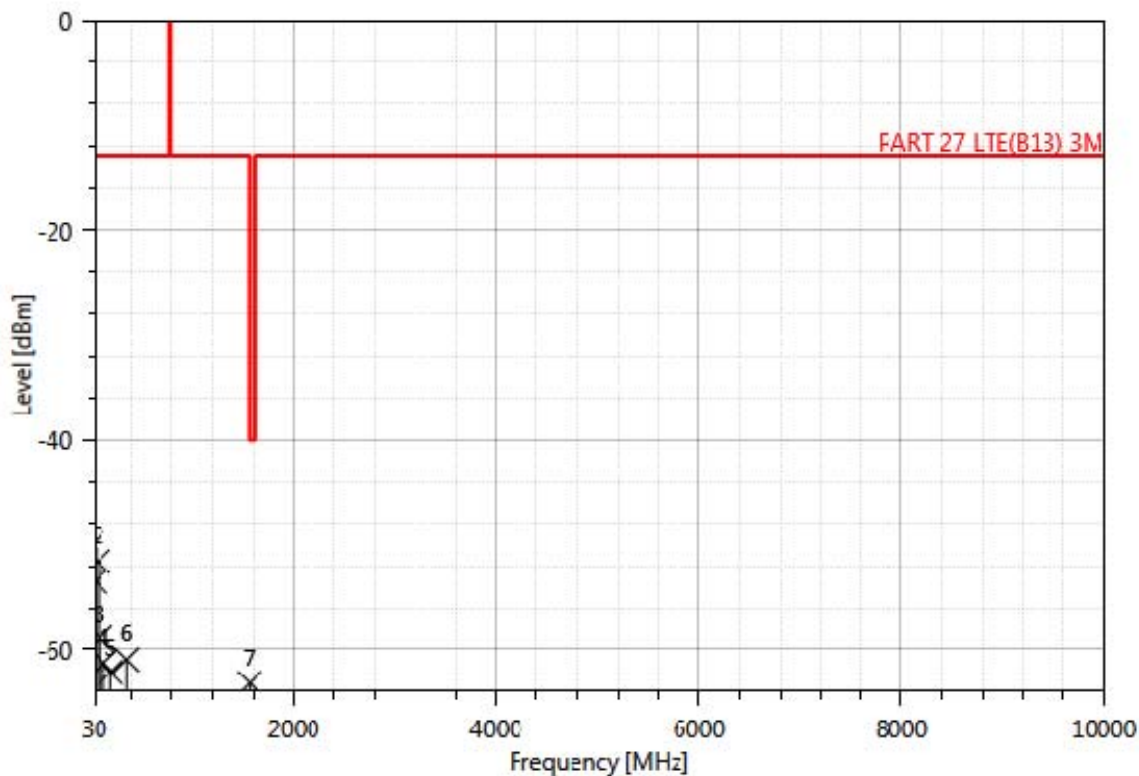
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Operation Mode :	LTE B13	Test Date :	01/11/2017
Fundamental Frequency :	782 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	TX MID	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	dB
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-53.50	-39.66	-12.83	-1.00	-13.00	-40.50
68.80	S	Peak	-51.60	-44.25	-6.24	-1.11	-13.00	-38.60
88.20	S	Peak	-58.92	-56.87	-0.85	-1.20	-13.00	-45.92
125.06	S	Peak	-61.25	-57.36	-2.54	-1.34	-13.00	-48.25
192.96	S	Peak	-62.17	-63.28	2.72	-1.61	-13.00	-49.17
350.10	S	Peak	-60.95	-62.77	3.86	-2.05	-13.00	-47.95
1564.00	H	Peak	-63.20	-65.87	6.80	-4.13	-40.00	-23.20

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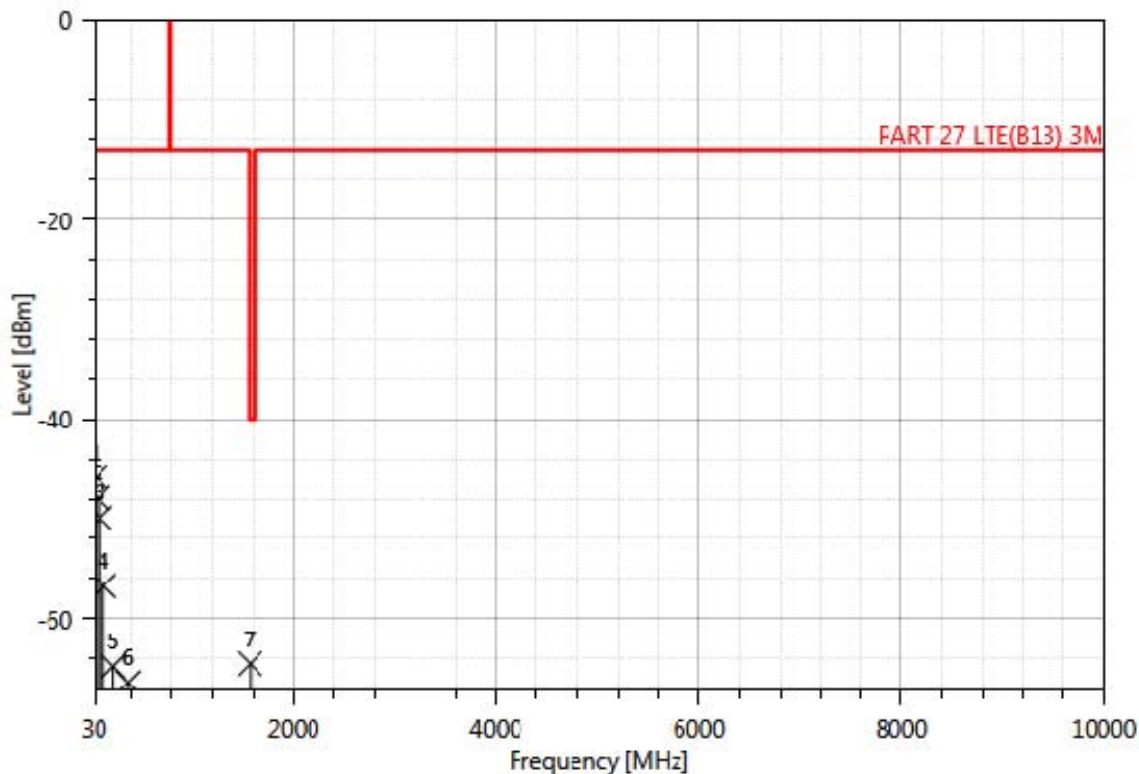
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Operation Mode :	LTE B13	Test Date :	01/11/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	TX HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	VERTICAL



Freq.	Note	Decetor	ERP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	Mode	Level	Level	Gain	Loss	@3m	
		QP/AV/PK	dBm	dBm	dBd	dB	dBm	dB
41.64	S	Peak	-45.79	-31.96	-12.83	-1.00	-13.00	-32.79
68.80	S	Peak	-47.93	-40.58	-6.24	-1.11	-13.00	-34.93
90.14	S	Peak	-49.91	-48.24	-0.45	-1.21	-13.00	-36.91
124.09	S	Peak	-56.71	-52.85	-2.52	-1.34	-13.00	-43.71
219.15	S	Peak	-64.76	-66.41	3.34	-1.70	-13.00	-51.76
364.65	S	Peak	-66.40	-68.09	3.85	-2.16	-13.00	-53.40
1569.00	H	Peak	-64.50	-67.17	6.82	-4.14	-40.00	-24.50

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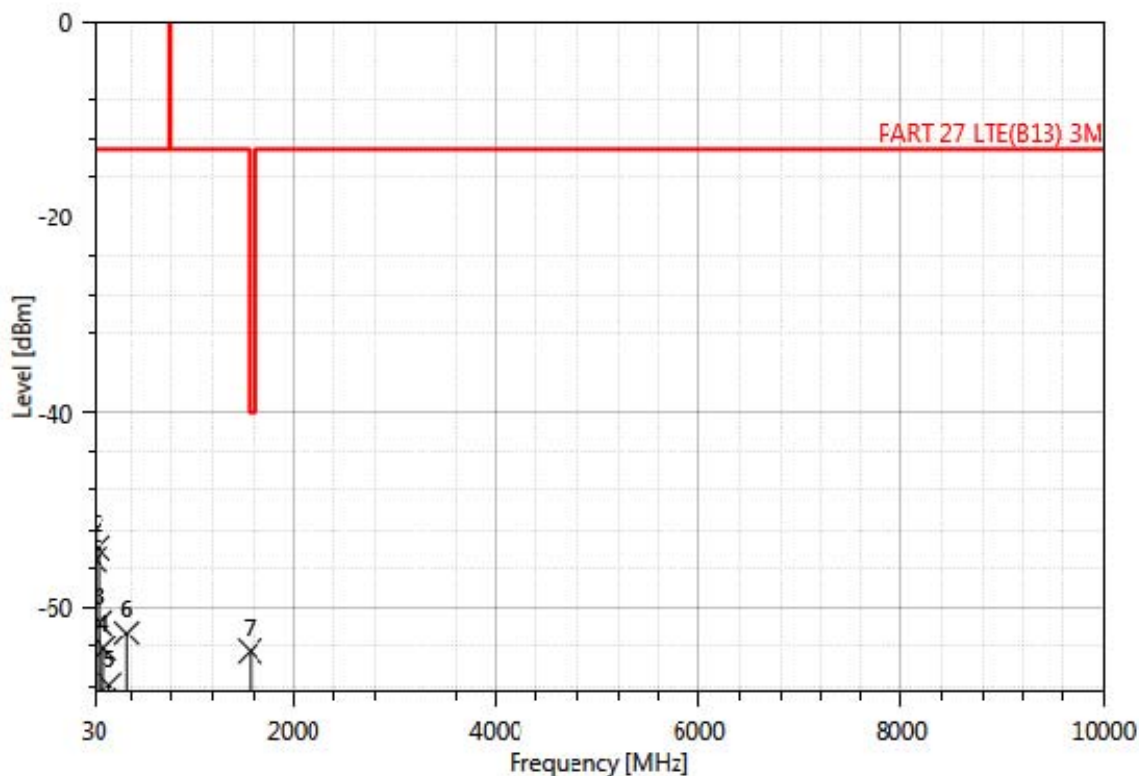
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Operation Mode :	LTE B13	Test Date :	01/11/2017
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	23 deg_C / 52 RH
Operation Band :	TX HIGH	Test Engineer :	Mike
EUT Pol. :	E2 Plane	Measurement Antenna Pol. :	HORIZONTAL



Freq. MHz	Note F/H/E/S	Decetor Mode QP/AV/PK	ERP Level dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit @3m dBm	Margin dB
39.70	S	Peak	-55.11	-41.01	-13.11	-0.99	-13.00	-42.11
68.80	S	Peak	-53.98	-46.63	-6.24	-1.11	-13.00	-40.98
90.14	S	Peak	-61.59	-59.93	-0.45	-1.21	-13.00	-48.59
125.06	S	Peak	-64.25	-60.36	-2.54	-1.34	-13.00	-51.25
180.35	S	Peak	-67.93	-67.32	0.95	-1.56	-13.00	-54.93
350.10	S	Peak	-62.66	-64.48	3.86	-2.05	-13.00	-49.66
1569.00	H	Peak	-64.55	-67.23	6.82	-4.14	-40.00	-24.55

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