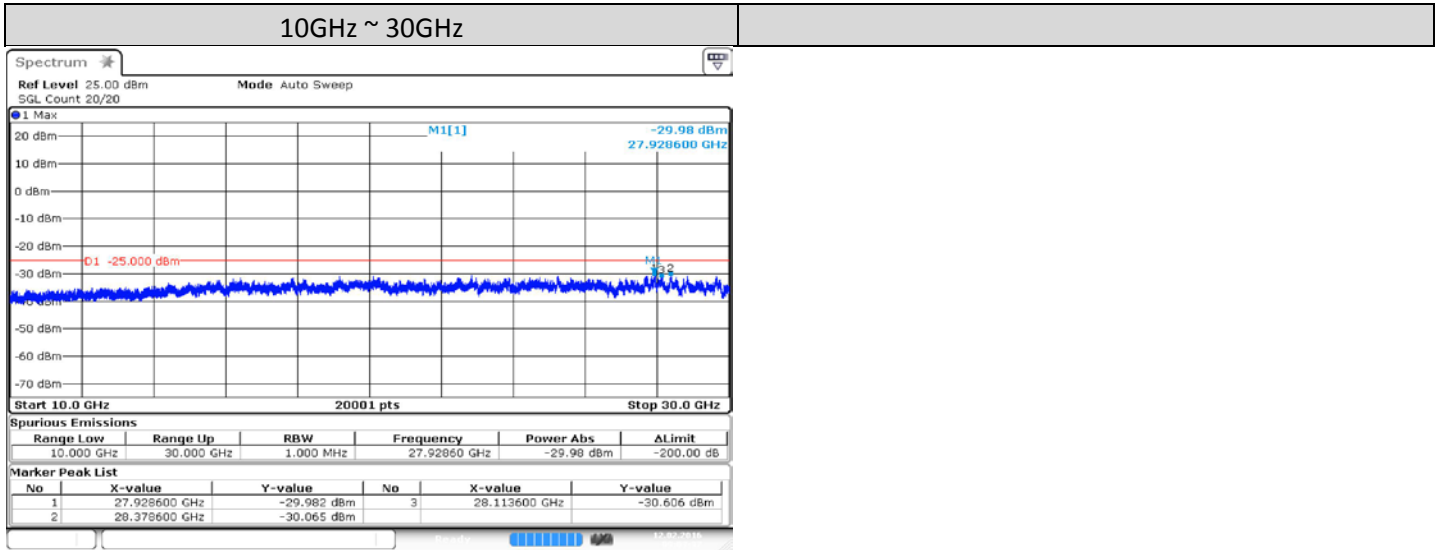
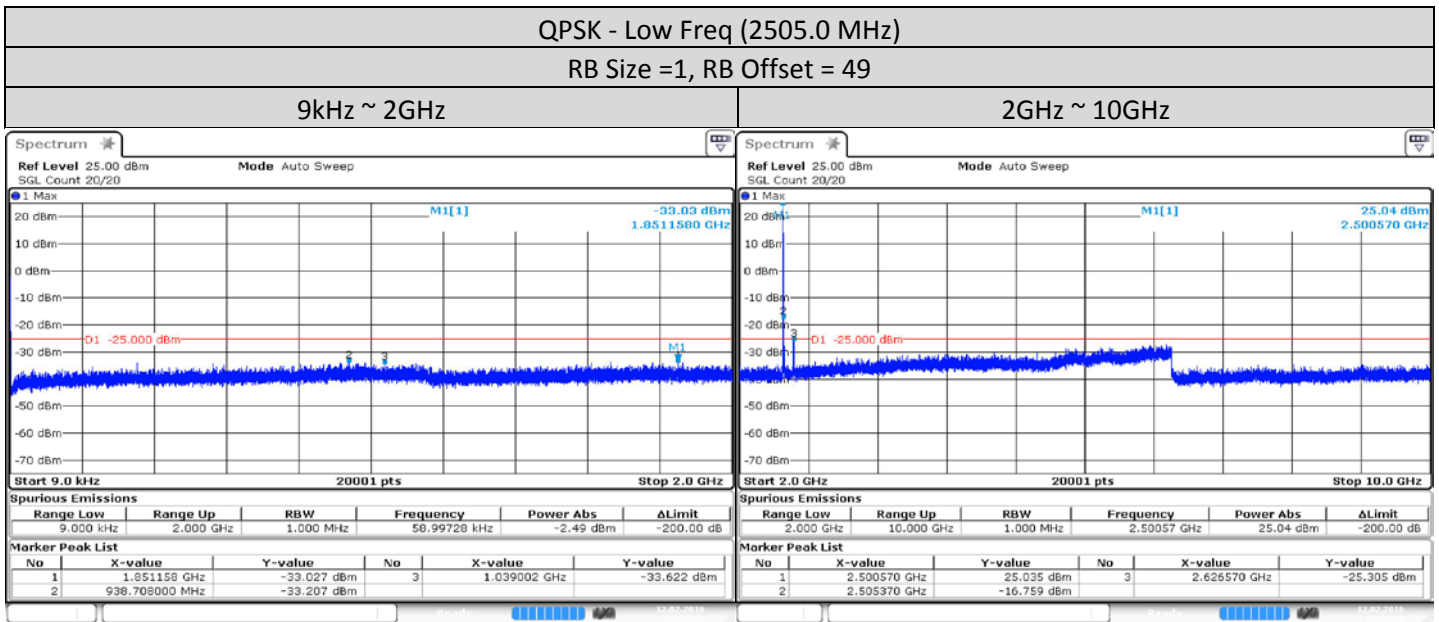




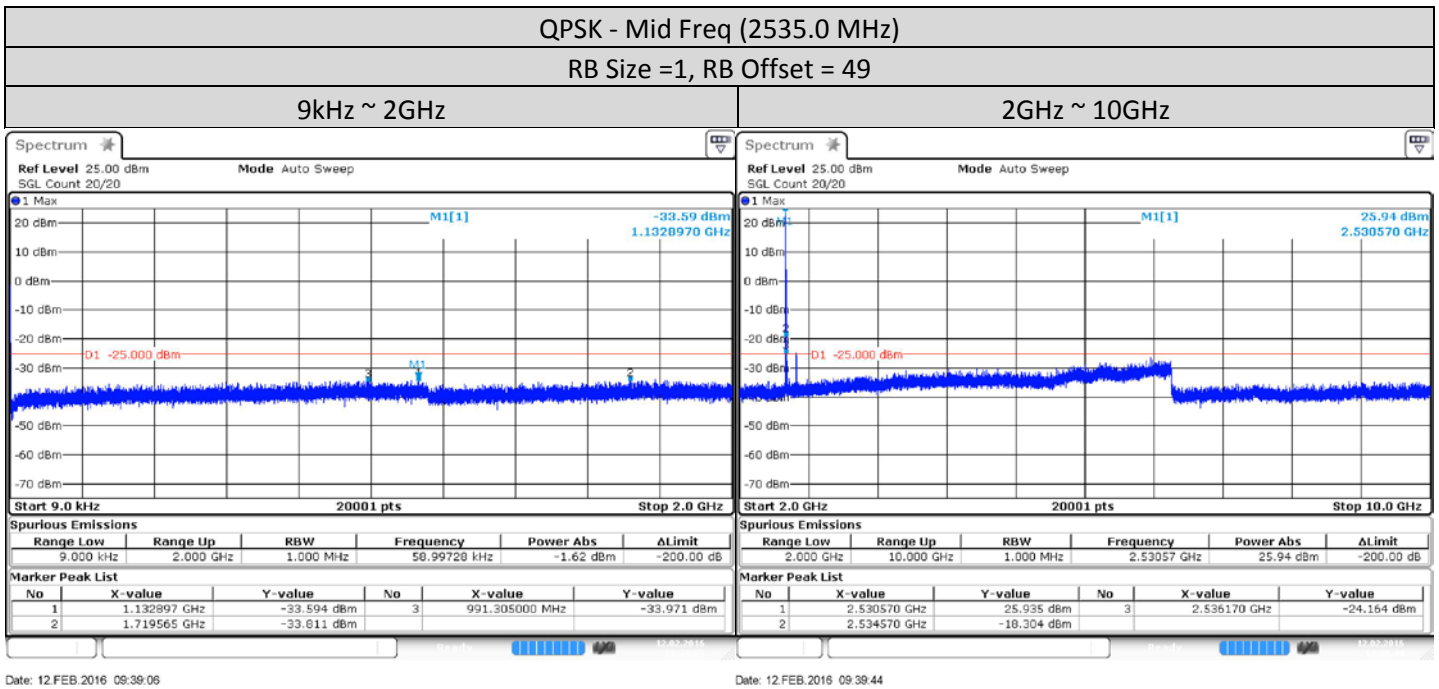
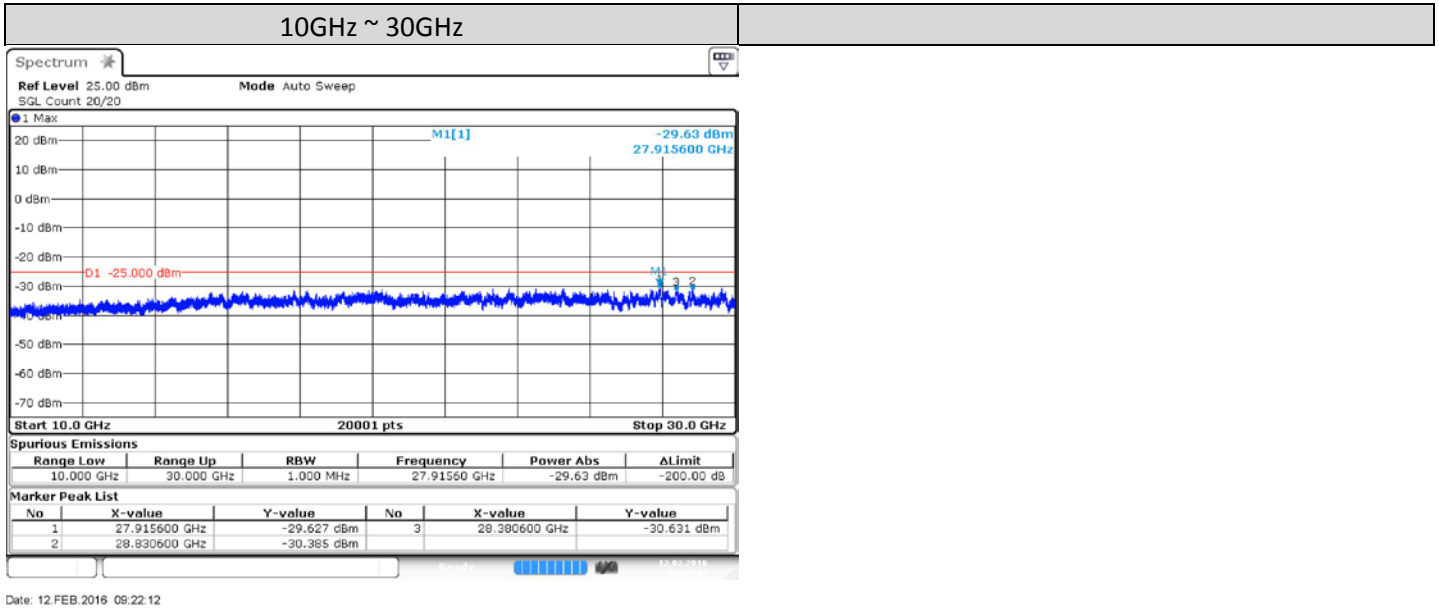
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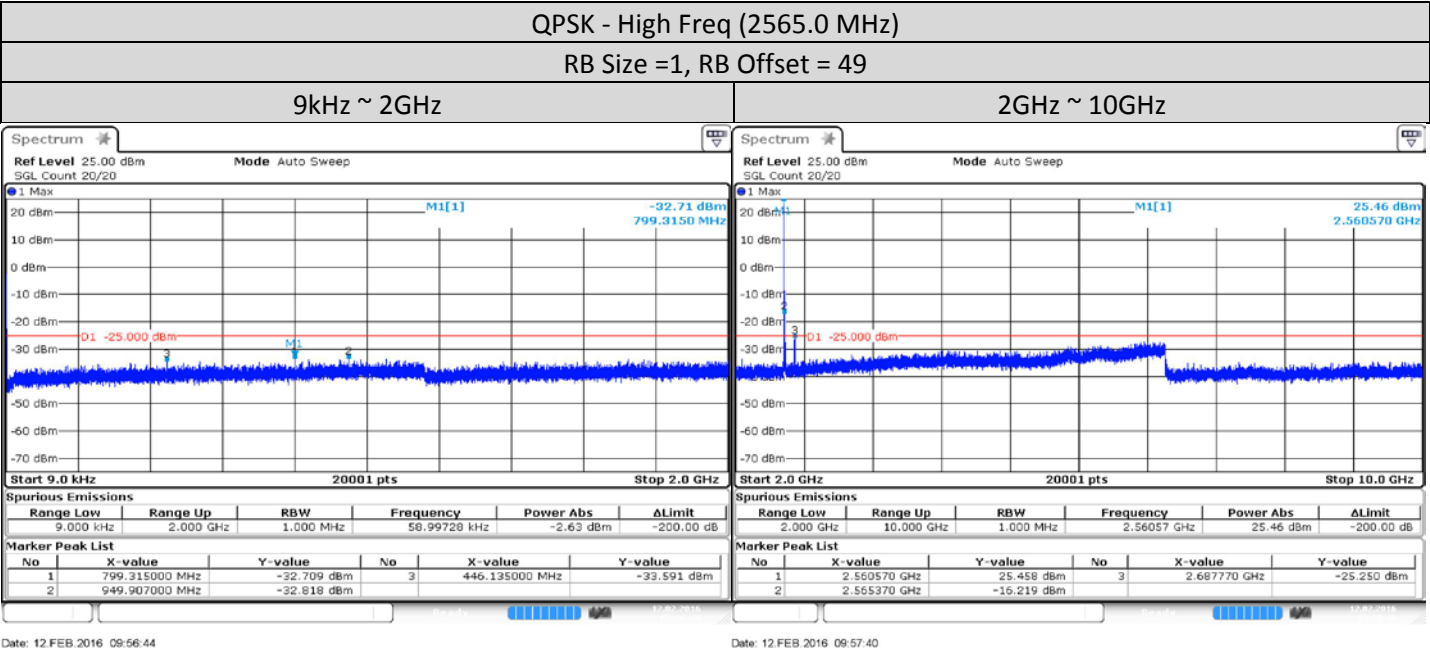
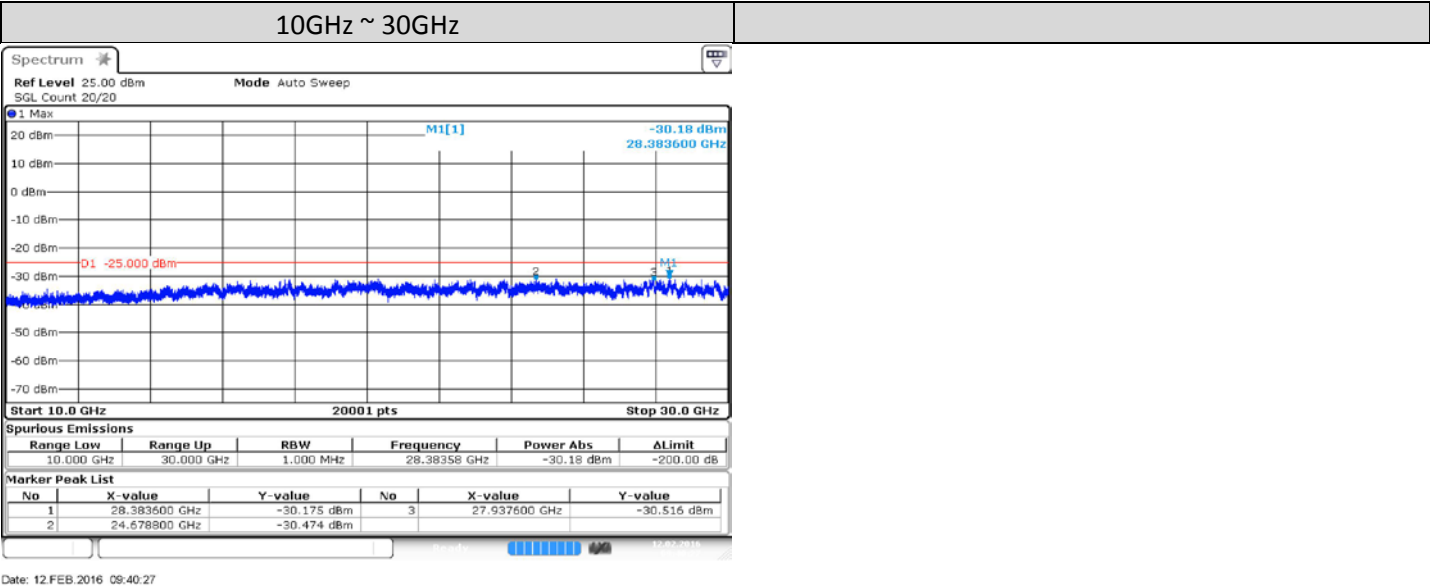
10MHz

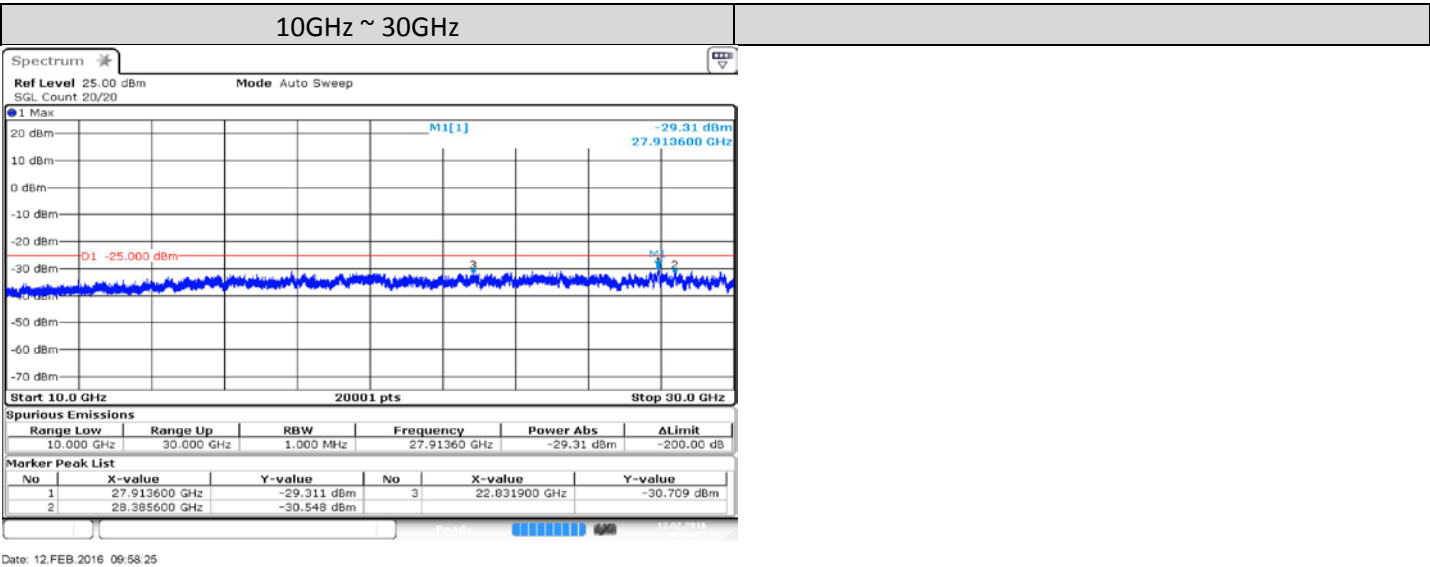


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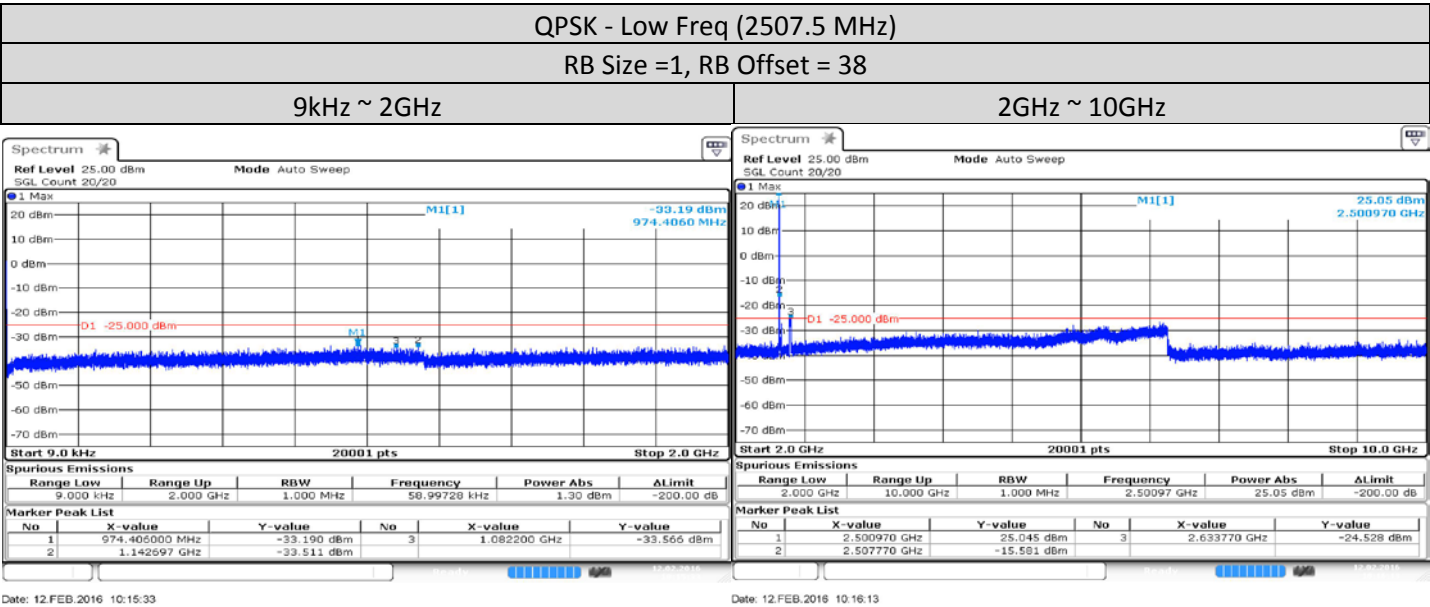
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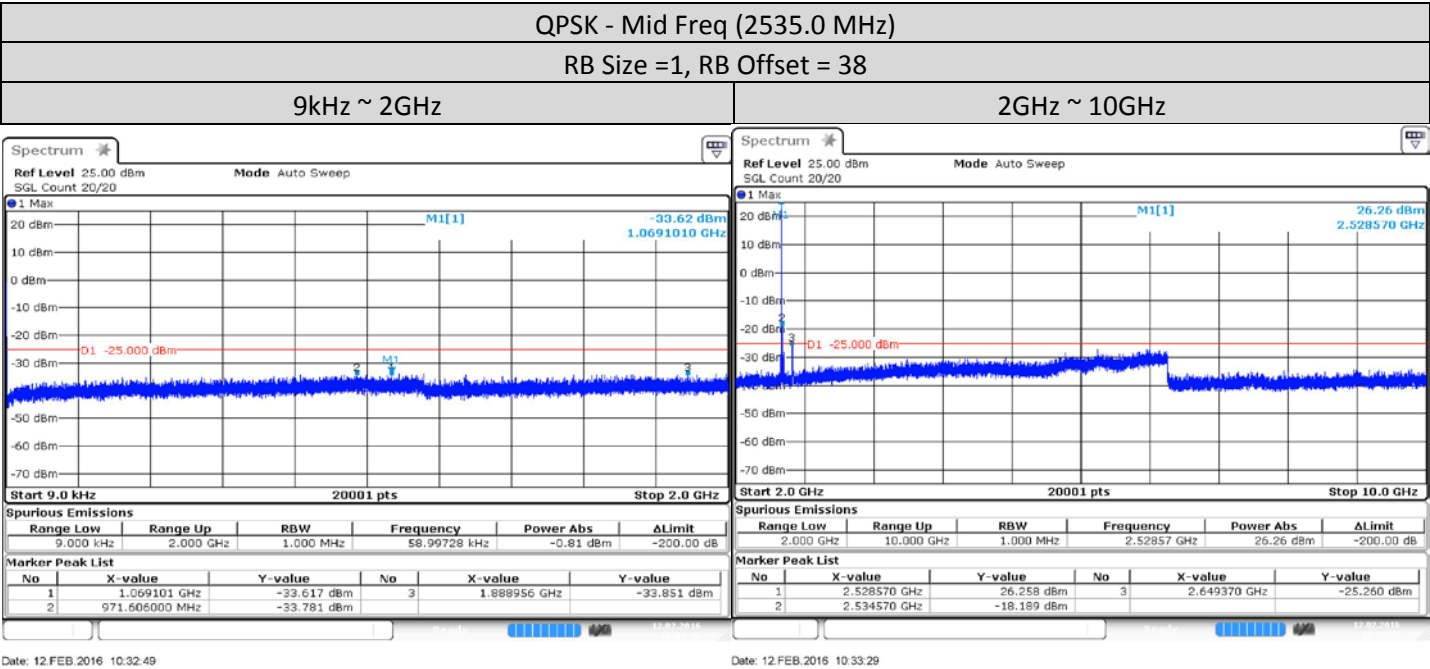
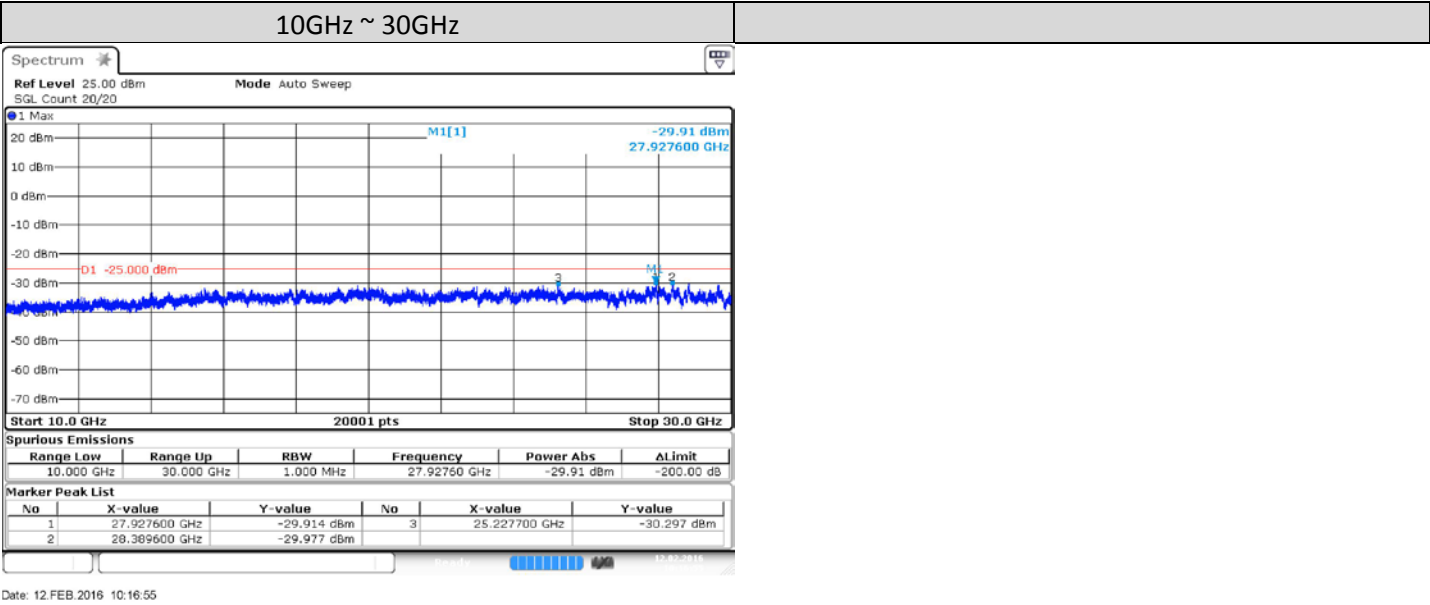


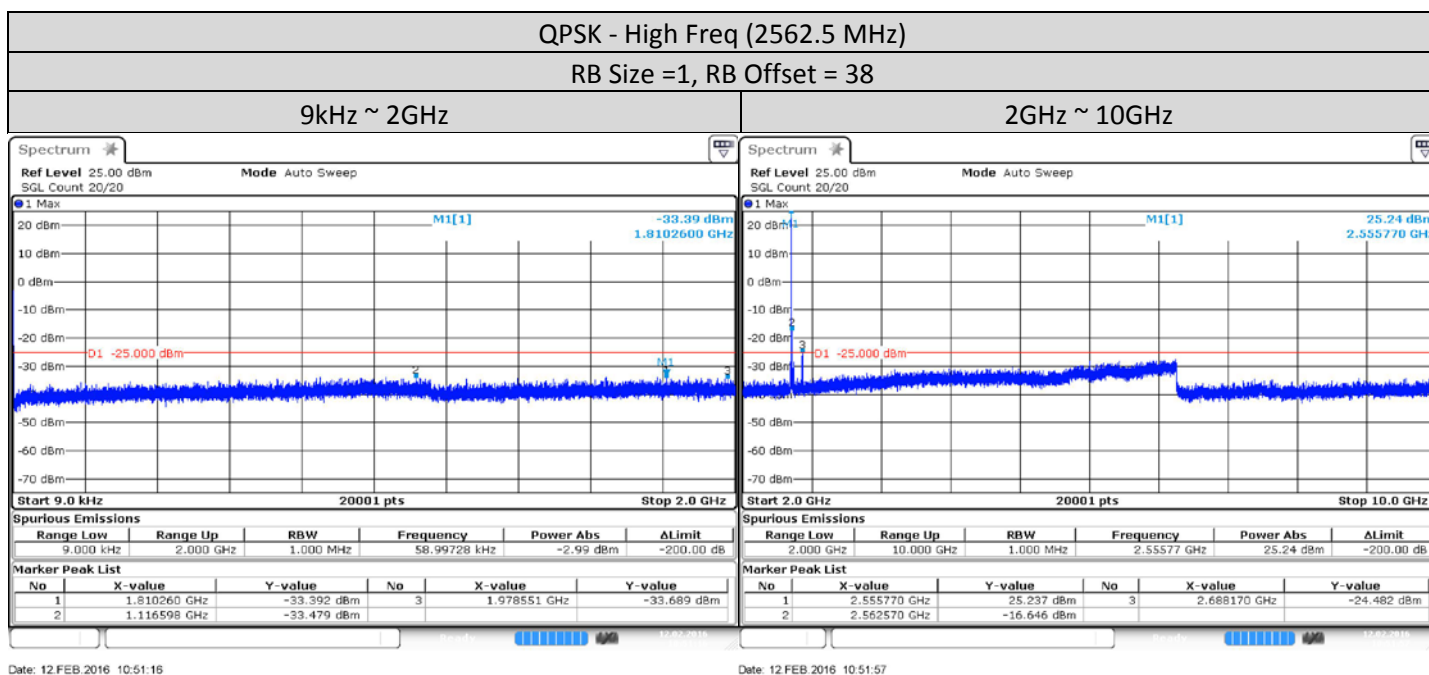
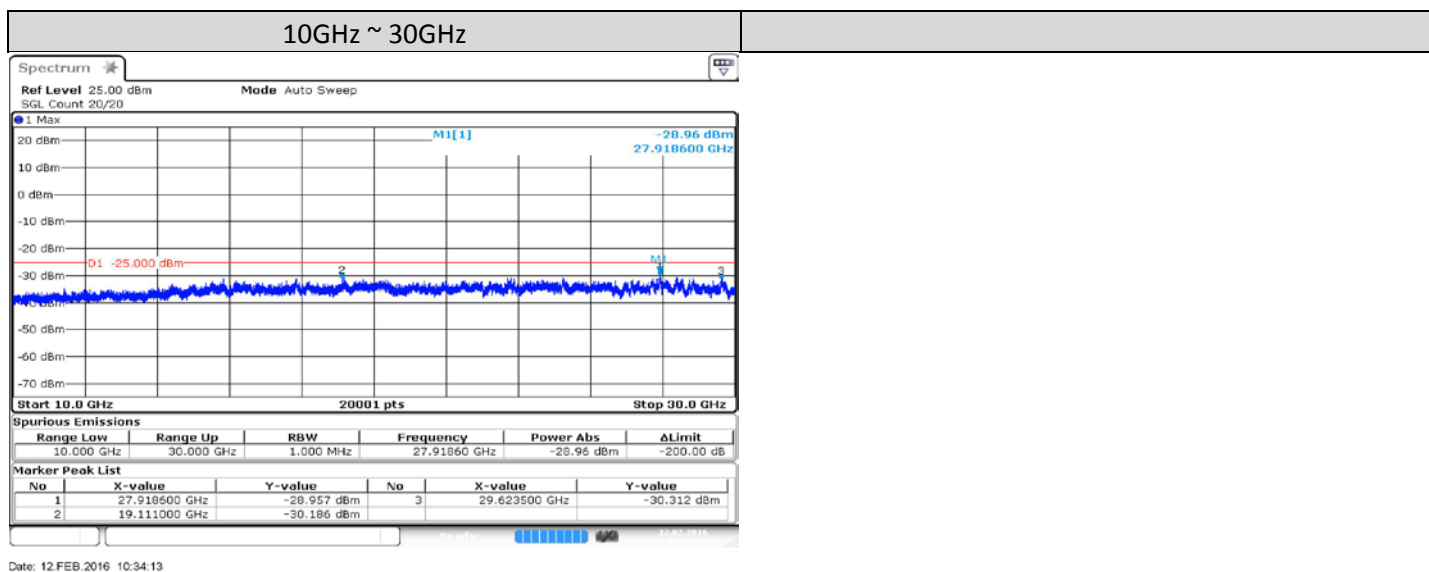


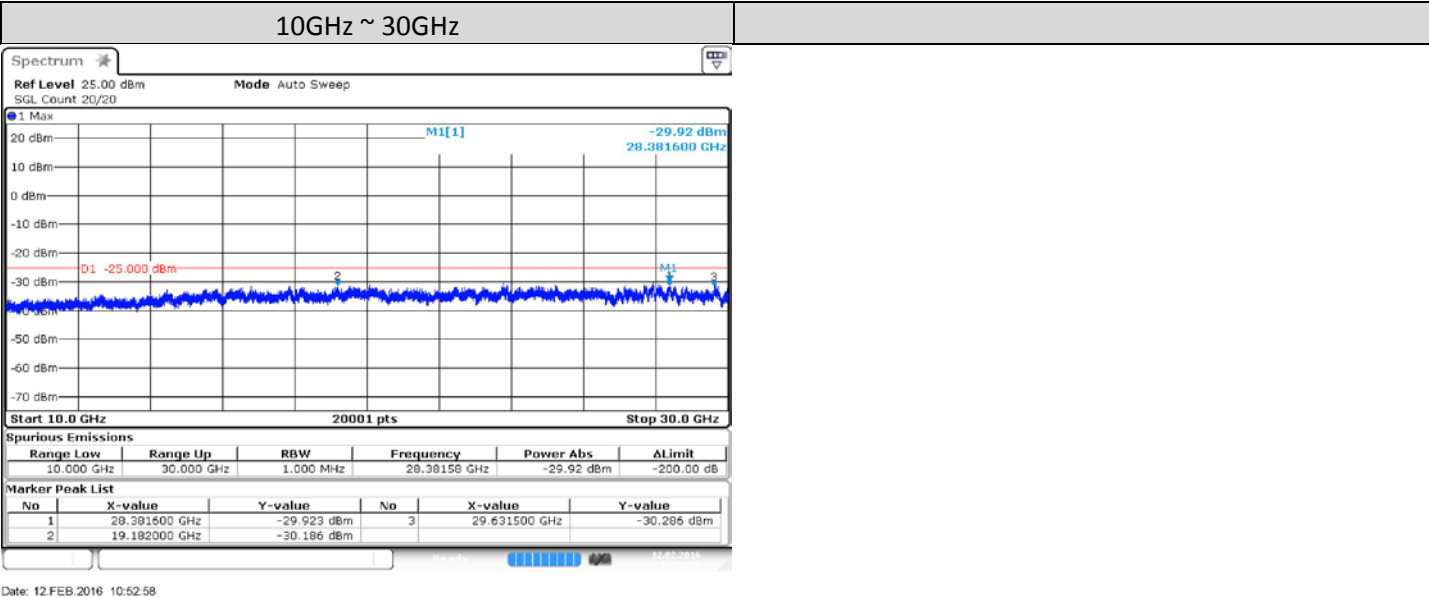


15MHz

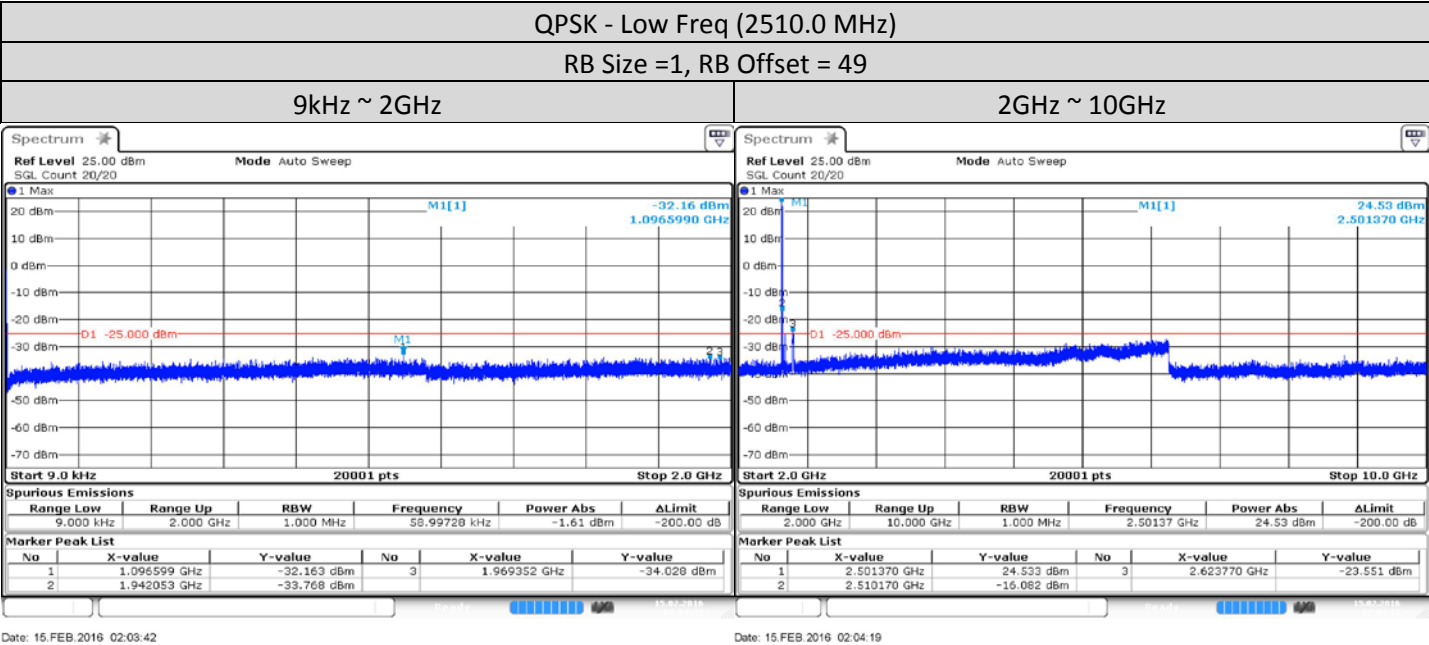


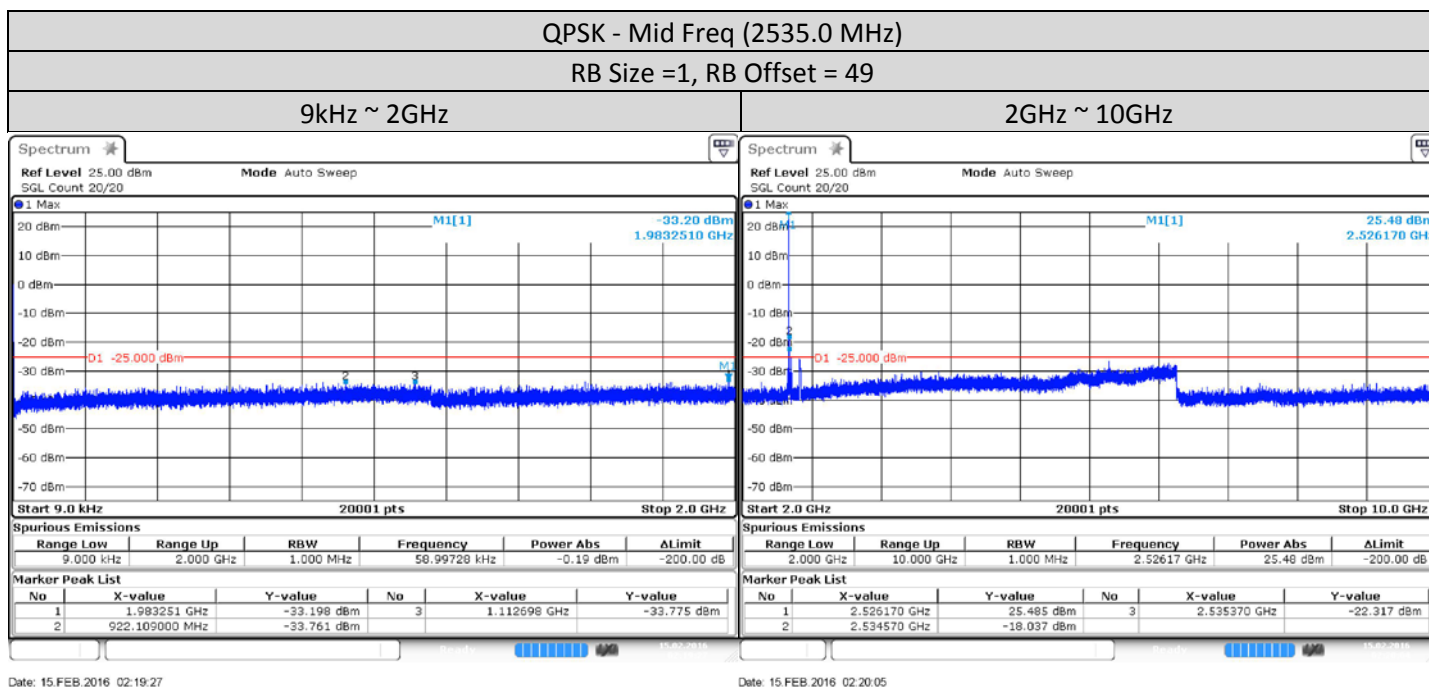
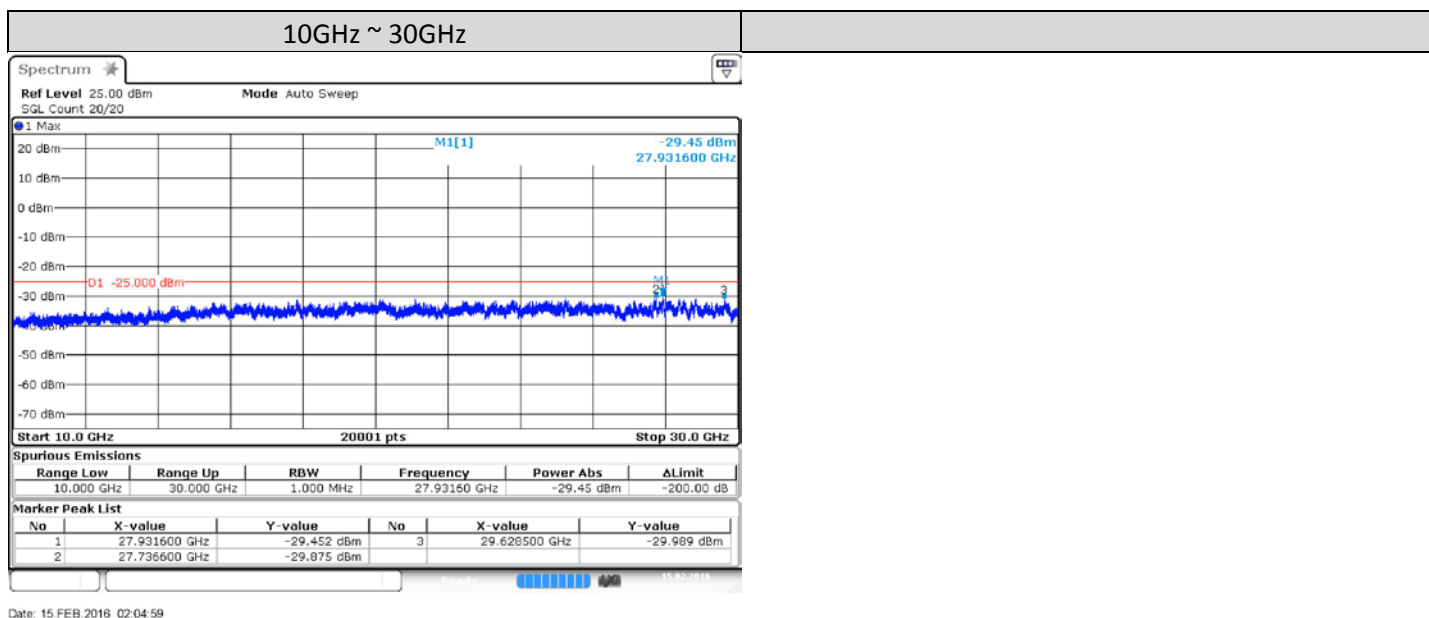


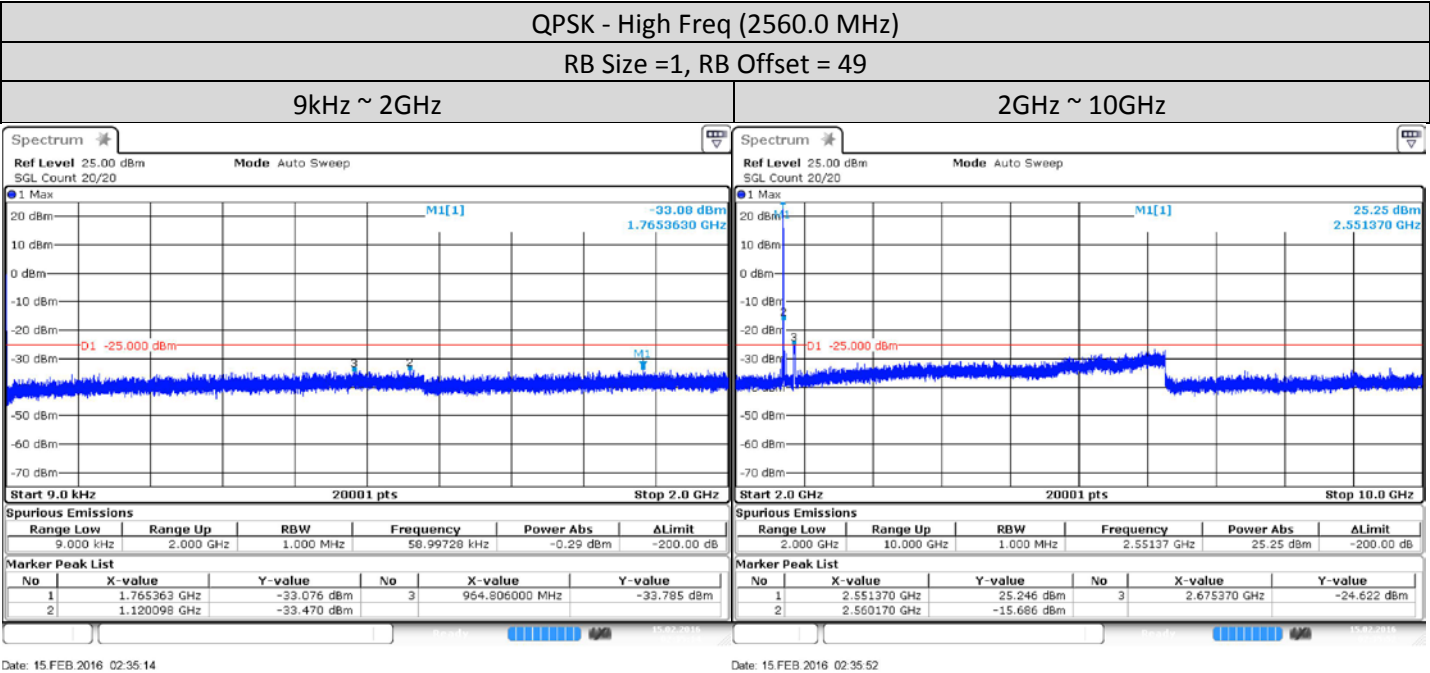
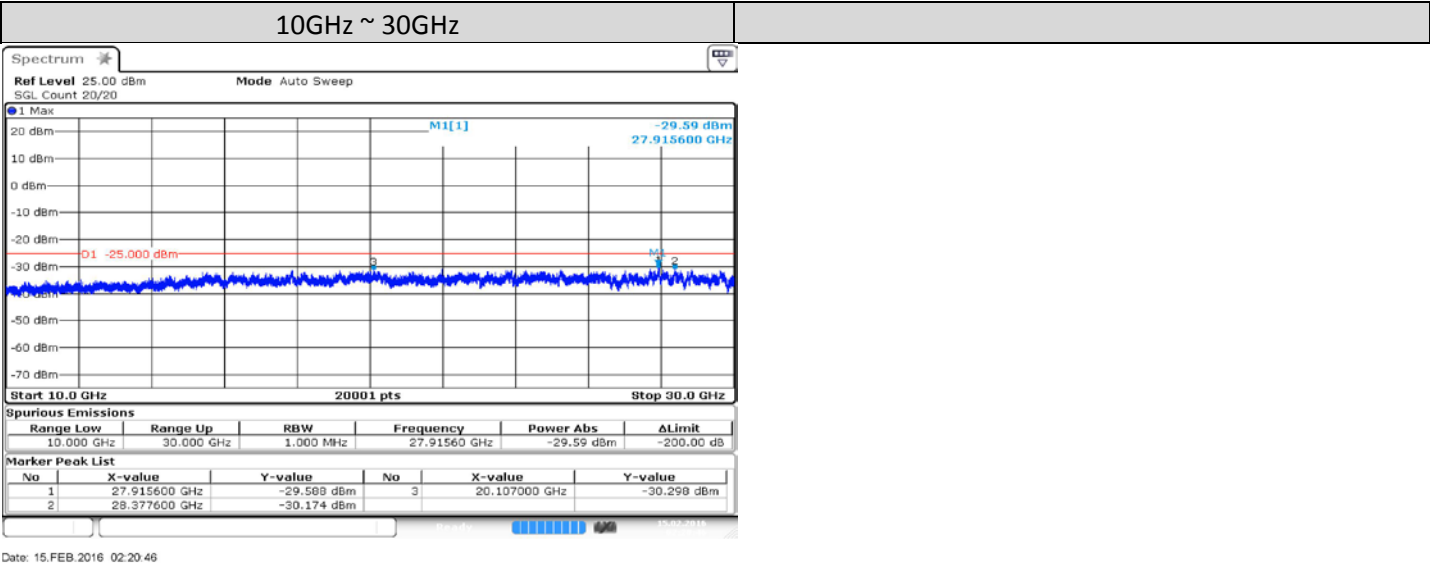


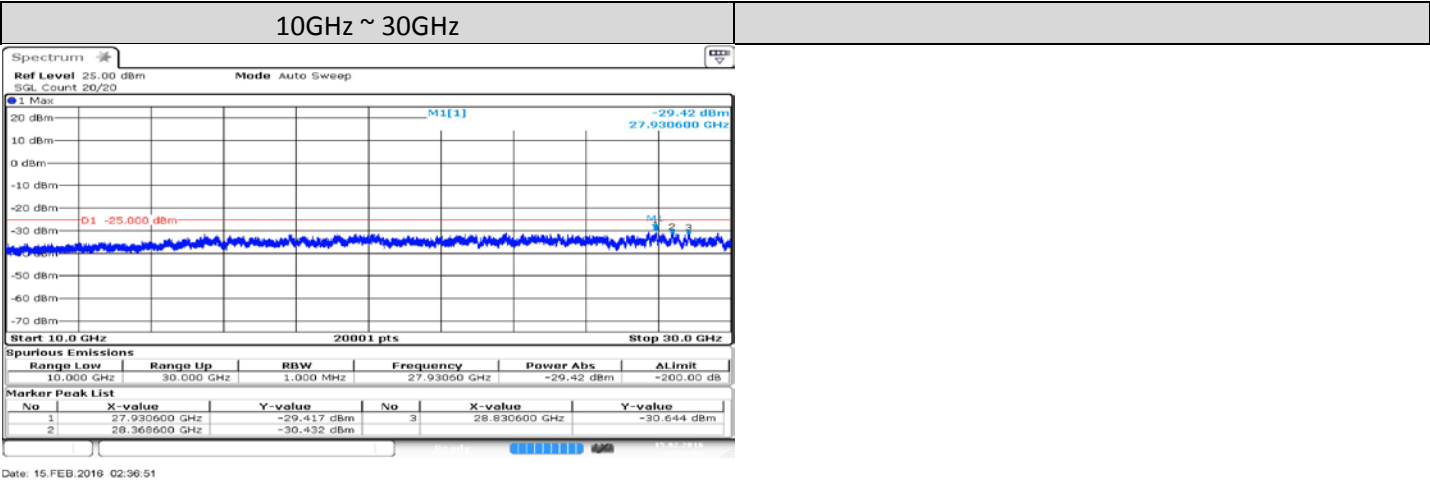


20MHz



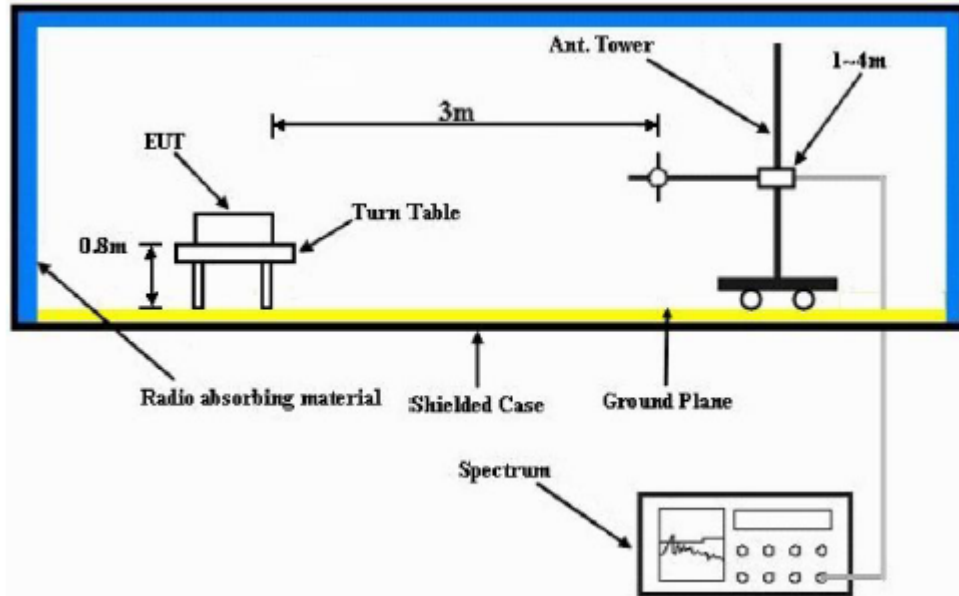






1.12. Radiated Spurious Emission

1.12.1. Test Setup



- 1) The spectrum setting for scanning Radiated Emission below 1 GHz is RBW = 100 kHz, VBW = 300 kHz and above 1 GHz is RBW = 1MHz, VBW = 3MHz. Detector mode is positive peak.
- 2) In the semi-anechoic chamber, setup as illustrated above the EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
- 3) The substitution antenna is substituted for EUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.
- 4) Final Radiated Spurious Emission = “Read Value” + Measured substitution value.

1.12.2. Test Limit

The power of any emission outside a licensee’s frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10\log_{10}(P)$ dB. The limit of emission is equal to -25 dBm.

MODEL #: LEX L10i

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

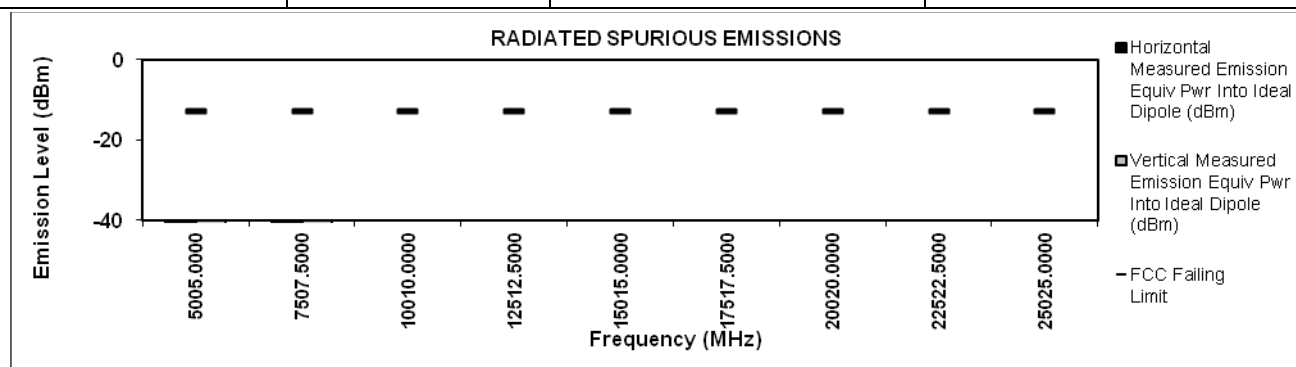
Band 7 (Low)

2502.5 MHz

Bandwidth 5 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRO1569

[illegible]

Motorola Penang EMC Lab - Test Performed by: Qawiman/Nazrin

January 6, 2016

FCC Registration: 772092

Industry Canada: 109AK

Remarks:** Indicates the spurious emission could not be detected due to noise limitations or ambients.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24.8 Hum(%RH): 63.7

Remarks:

Passed Results	Marginal Results	Failed Results
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Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

2535 MHz

Bandwidth 5 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRQ1569

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

2505 MHz

Bandwidth 10 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRQ1569

RADIATED SPURIOUS EMISSIONS

Frequency (MHz)	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	FCC Failing Limit (dBm)
50.10.0000	-13	-40	-40
75.15.0000	-13	-40	-40
100.20.0000	-13	-40	-40
125.25.0000	-13	-40	-40
150.30.0000	-13	-40	-40
175.35.0000	-13	-40	-40
200.40.0000	-13	-40	-40
225.45.0000	-13	-40	-40
250.50.0000	-13	-40	-40

January 6, 2016

Industry Canada: 109AK

Temp(Deg): 24.8 Hum(%RH): 63.7

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

2535 MHz

Bandwidth 10 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRQ1569

RADIATED SPURIOUS EMISSIONS

Frequency (MHz)	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	FCC Failing Limit (dBm)
5070.0000	-13	-40	-13
7605.0000	-13	-40	-13
10140.0000	-13	-40	-13
12675.0000	-13	-40	-13
15210.0000	-13	-40	-13
17745.0000	-13	-40	-13
20280.0000	-13	-40	-13
22815.0000	-13	-40	-13
25350.0000	-13	-40	-13

January 6, 2016

Industry Canada: 109AK

Temp(Deg): 24.8 Hum(%RH): 63.7

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

Band 7 (Low)

Bandwidth 15 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRQ1569

RADIATED SPURIOUS EMISSIONS

Frequency (MHz)	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	FCC Failing Limit (dBm)
5015.0000	-13	-45	-15
7522.5000	-13	-45	-15
10030.0000	-13	-45	-15
12537.5000	-13	-45	-15
15045.0000	-13	-45	-15
17552.5000	-13	-45	-15
20060.0000	-13	-45	-15
22567.5000	-13	-45	-15
25075.0000	-13	-45	-15

January 6, 2016

Industry Canada: 109AK

Temp(Deg): 24.8 Hum(%RH): 63.7

Passed Results

Marginal Results

Failed Results

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

2535 MHz

Bandwidth 15 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRQ1569

RADIATED SPURIOUS EMISSIONS

Y-axis: Emission Level (dBm)

X-axis: Frequency (MHz)

Legend:

- Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
- Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
- FCC Failing Limit

Frequency (MHz)	Horizontal Measured Emission Equiv Pwr (dBm)	Vertical Measured Emission Equiv Pwr (dBm)	FCC Failing Limit (dBm)
5070.0000	-13	-40	-13
7605.0000	-13	-40	-13
10140.0000	-13	-40	-13
12675.0000	-13	-40	-13
15210.0000	-13	-40	-13
17745.0000	-13	-40	-13
20280.0000	-13	-40	-13
22815.0000	-13	-40	-13
25350.0000	-13	-40	-13

January 6, 2016

Industry Canada: 109AK

Temp(Deg): 24.8 Hum(%RH): 63.7

Remarks:

Passed Results

Marginal Results

Failed Results

MODEL #: LEX L10i

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-CB000262A01-3

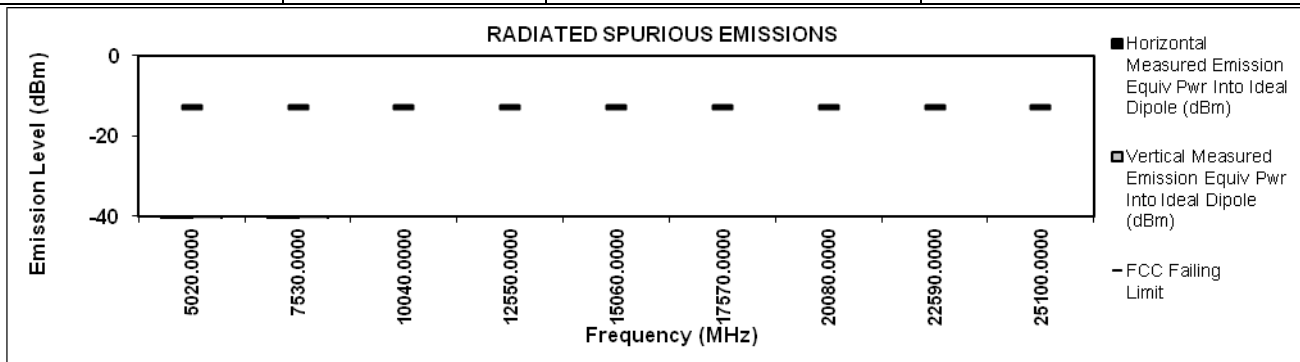
Band 7 (Low)

2510 MHz

Bandwidth 20 Mhz

0.1995 Watt(s)/Max Power

S/N: 171PRQ1569

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Qawiman/Nazrin

January 6, 2016

FCC Registration: 772092

Industry Canada: 109AK

Remarks:** Indicates the spurious emission could not be detected due to noise limitations or ambients.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24.8 Hum(%RH): 63.7

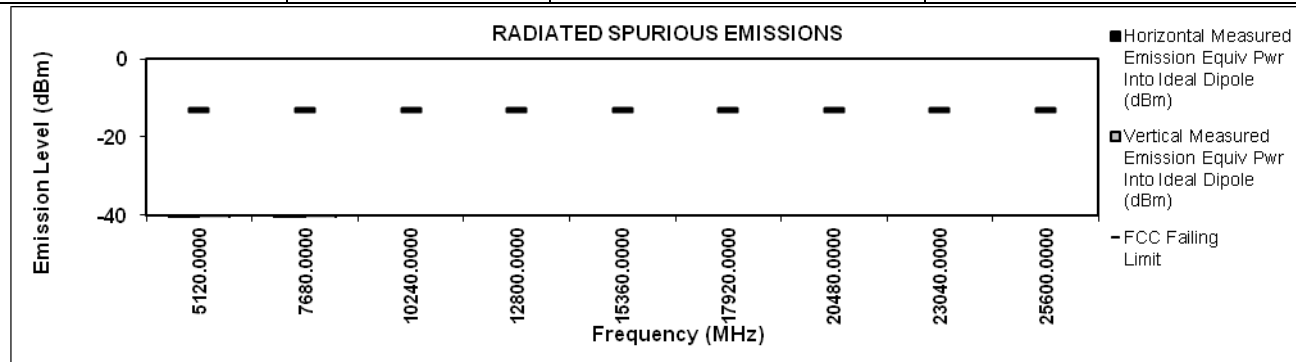
Remarks:

Passed Results	Marginal Results	Failed Results
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LINK MODE RADIATED SPURIOUS EMISSIONS

MODEL #: LEX L10i

Battery : PMNN4472A, Accy : 3360-HKTN4009A-3, 3360-

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-603 document.

Motorola Penang EMC Lab - Test Performed by: Qawiman/Nazrin

January 6, 2016

FCC Registration: 772092

Industry Canada: 109AK

Remarks:** Indicates the spurious emission could not be detected due to noise limitations or ambients.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

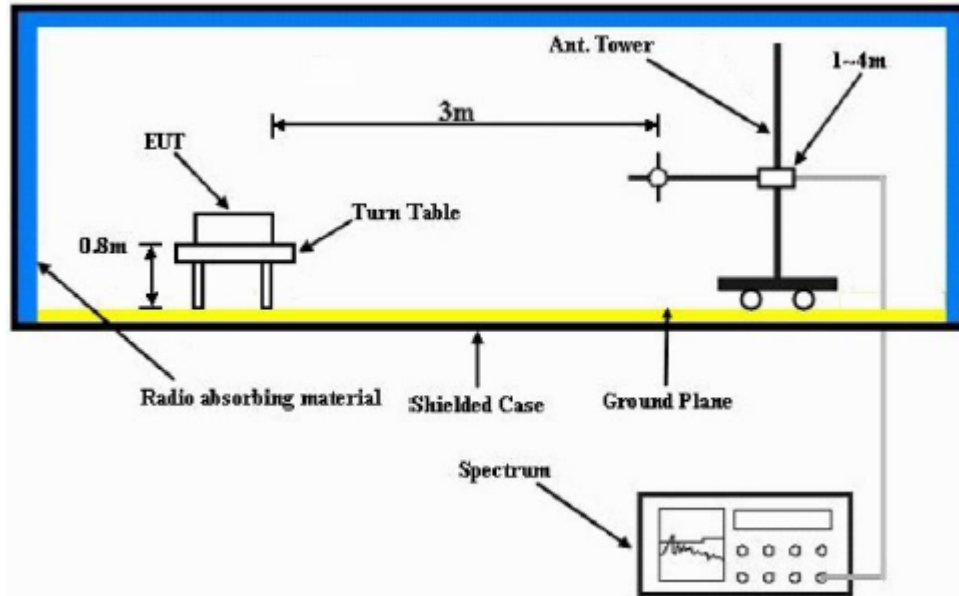
Temp(Deg): 24.8 Hum(%RH): 63.7

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

1.13. Equivalent Isotropically Radiated Power (EIRP)

1.13.1. Test Setup



- 1) The spectrum setting for Equivalent Isotropically Radiated Power (EIRP) is RBW = 100 kHz, VBW = 300 kHz. Detector Mode is RMS.
- 2) In the semi-anechoic chamber, setup as illustrated above the EUT placed on the 0.8m height of Turn Table, rotated the table 45 degree each interval to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power for each degree interval. The “Read Value” is the spectrum reading of maximum power value.
- 3) The substitution antenna is substituted for EUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the Measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.
- 4) $EIRP = \text{“Read Value”} + \text{Measured substitution value} + 2.15.$

1.13.2. Test Limit

Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

1.13.3. Equivalent Isotropically Radiated Power (EIRP) - LTE Band 7 (2500-2570MHz)

Band 7, 5MHz QPSK, Low CH 20775	
RB = 1	Offset = 13

EIRP/ERP

Bandwidth : 5 MHz
S/N: 171PRQ1568

Tx Power: 0.1995 Watts
Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2502.5	14.97	12.82
Vert.	2502.5	11.43	9.28

Band 7, 5MHz QPSK, Mid CH 21100	
RB = 1	Offset = 13

EIRP/ERP

Bandwidth : 5 MHz
S/N: 171PRQ1568

Tx Power: 0.1995 Watts
Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	14.99	12.84
Vert.	2535	14.53	12.38

Band 7, 5MHz QPSK, High CH 21425	
RB = 1	Offset = 13

EIRP/ERP

Bandwidth : 5 MHz
S/N: 171PRQ1568

Tx Power: 0.1995 Watts
Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2567.5	18.64	16.49
Vert.	2567.5	11.34	9.19

Band 7, 10MHz QPSK, Low CH 20800	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 10 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2505	20.23	18.08
Vert.	2505	14.73	12.58

Band 7, 10MHz QPSK, Mid CH 21100	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 10 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	19.95	17.8
Vert.	2535	13.41	11.26

Band 7, 10MHz QPSK, High CH 21400	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 10 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2565	20.89	18.74
Vert.	2565	12.69	10.54

Band 7, 15MHz QPSK, Low CH 20825	
RB = 1	Offset = 38

EIRP/ERP

Bandwidth : 15 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2507.5	21.03	18.88
Vert.	2507.5	15.43	13.28

Band 7, 15MHz QPSK, Mid CH 21100	
RB = 1	Offset = 38

EIRP/ERP

Bandwidth : 15 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	21.79	19.64
Vert.	2535	13.55	11.4

Band 7, 15MHz QPSK, High CH 21375	
RB = 1	Offset = 38

EIRP/ERP

Bandwidth : 15 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2562.5	15.35	13.2
Vert.	2562.5	13.39	11.24

Band 7, 20MHz QPSK, Low CH 20850	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 20 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2510	20.62	18.47
Vert.	2510	11.91	9.76

Band 7, 20MHz QPSK, Mid CH 21100	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 20 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	17.91	15.76
Vert.	2535	11.75	9.6

Band 7, 20MHz QPSK, High CH 21350	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 20 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: QPSK

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2560	11.60	9.45
Vert.	2560	11.75	9.6

Band 7, 5MHz 16QAM, Low CH 20775	
RB = 1	Offset = 13

EIRP/ERP

Bandwidth : 5 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2502.5	17.90	15.75
Vert.	2502.5	9.81	7.66

Band 7, 5MHz 16QAM, Mid CH 21100	
RB = 1	Offset = 13

EIRP/ERP

Bandwidth : 5 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	16.35	14.20
Vert.	2535	13.85	11.70

Band 7, 5MHz 16QAM, High CH 21425	
RB = 1	Offset = 13

EIRP/ERP

Bandwidth : 5 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2567.5	14.08	11.93
Vert.	2567.5	13.80	11.65

Band 7, 10MHz 16QAM, Low CH 20800	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 10 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2505	17.85	15.70
Vert.	2505	14.74	12.59

Band 7, 10MHz 16QAM, Mid CH 21100	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 10 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	14.92	12.77
Vert.	2535	13.45	11.30

Band 7, 10MHz 16QAM, High CH 21400	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 10 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2565	18.49	16.34
Vert.	2565	13.67	11.52

Band 7, 15MHz 16QAM, Low CH 20825	
RB = 1	Offset = 38

EIRP/ERP

Bandwidth : 15 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2507.5	16.98	14.83
Vert.	2507.5	11.84	9.69

Band 7, 15MHz 16QAM, Mid CH 21100	
RB = 1	Offset = 38

EIRP/ERP

Bandwidth : 15 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	17.55	15.40
Vert.	2535	15.64	13.49

Band 7, 15MHz 16QAM, High CH 21375	
RB = 1	Offset = 38

EIRP/ERP

Bandwidth : 15 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2562.5	18.40	16.25
Vert.	2562.5	15.62	13.47

Band 7, 20MHz 16QAM, Low CH 20850	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 20 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2510	17.17	15.02
Vert.	2510	8.84	6.69

Band 7, 20MHz 16QAM, Mid CH 21100	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 20 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2535	11.78	9.63
Vert.	2535	12.55	10.4

Band 7, 20MHz 16QAM, High CH 21350	
RB = 1	Offset = 49

EIRP/ERP

Bandwidth : 20 MHz

S/N: 171PRQ1568

Tx Power: 0.1995 Watts

Modulation: 16QAM

Accessory: 3360-HKTN4009A-3, 3360-CB000262A01-3

Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horiz.	2560	14.69	12.54
Vert.	2560	12.10	9.95