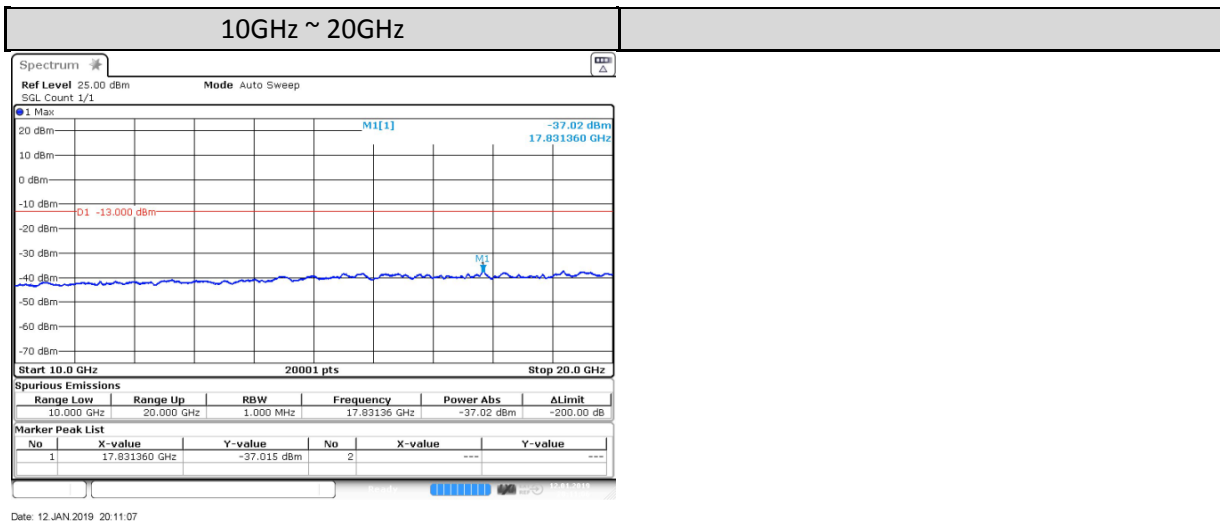
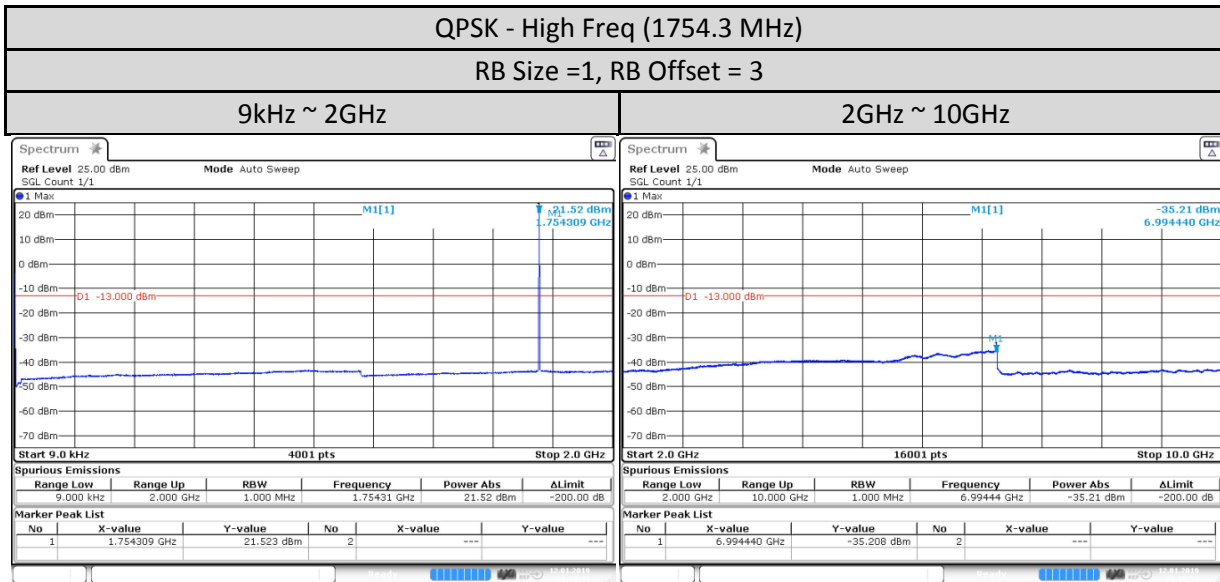
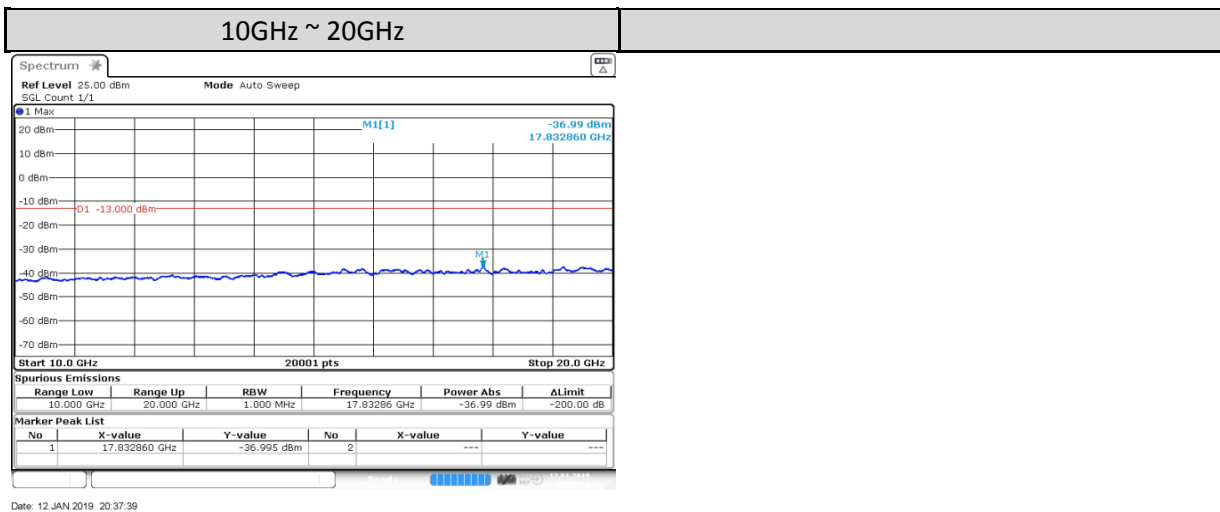
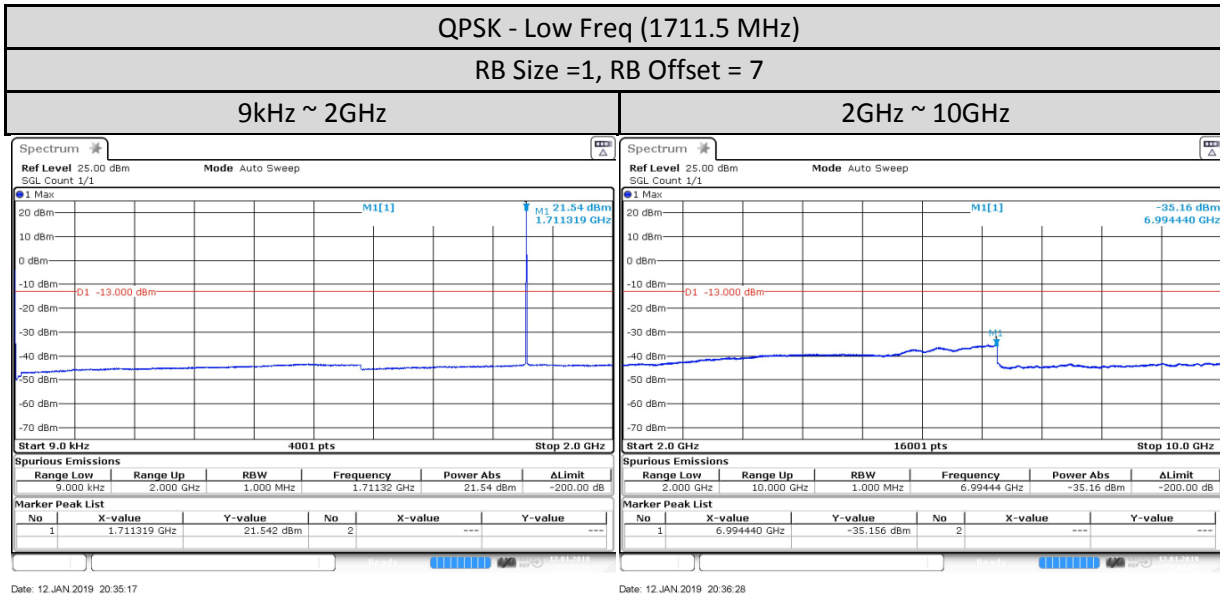
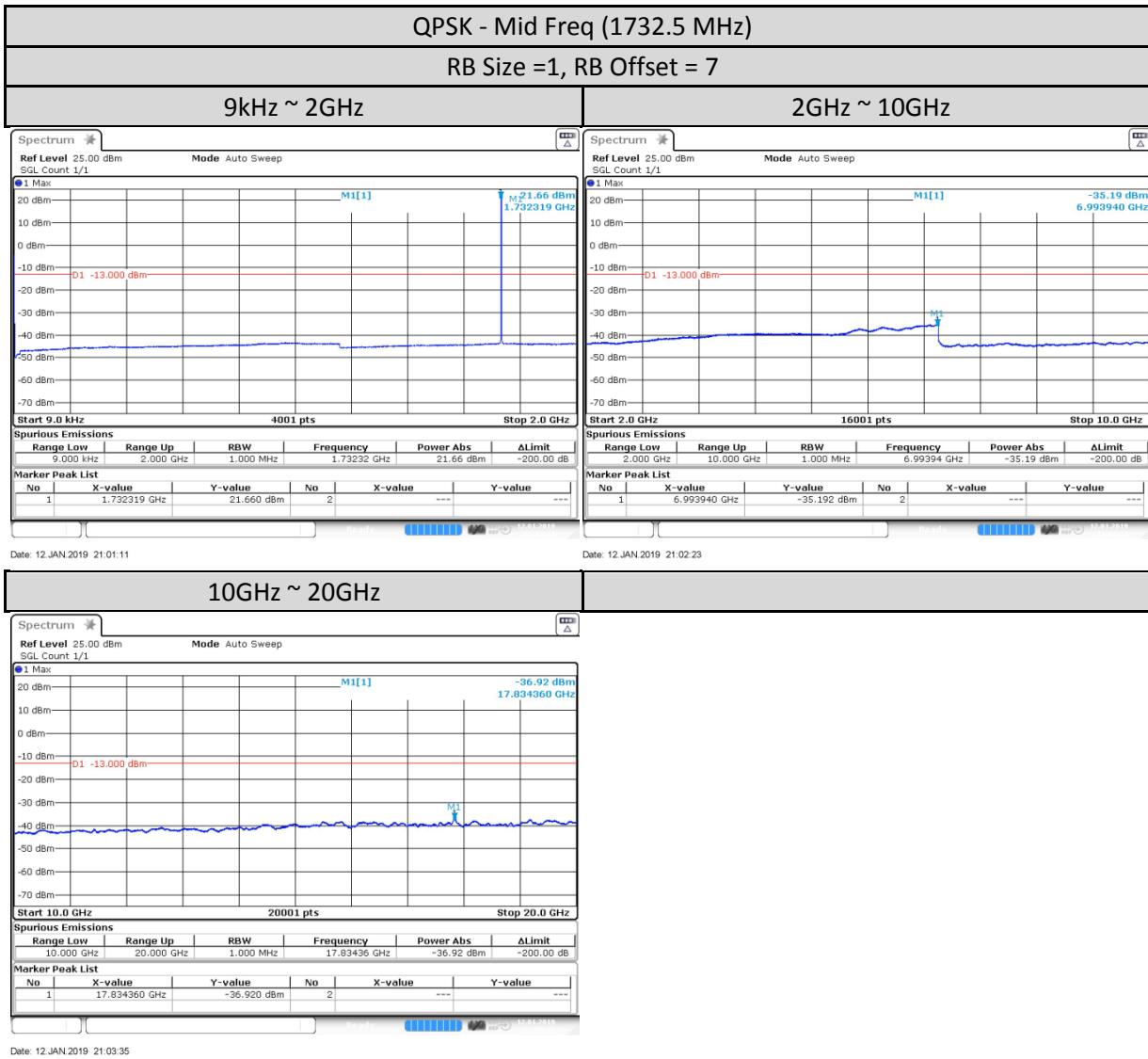
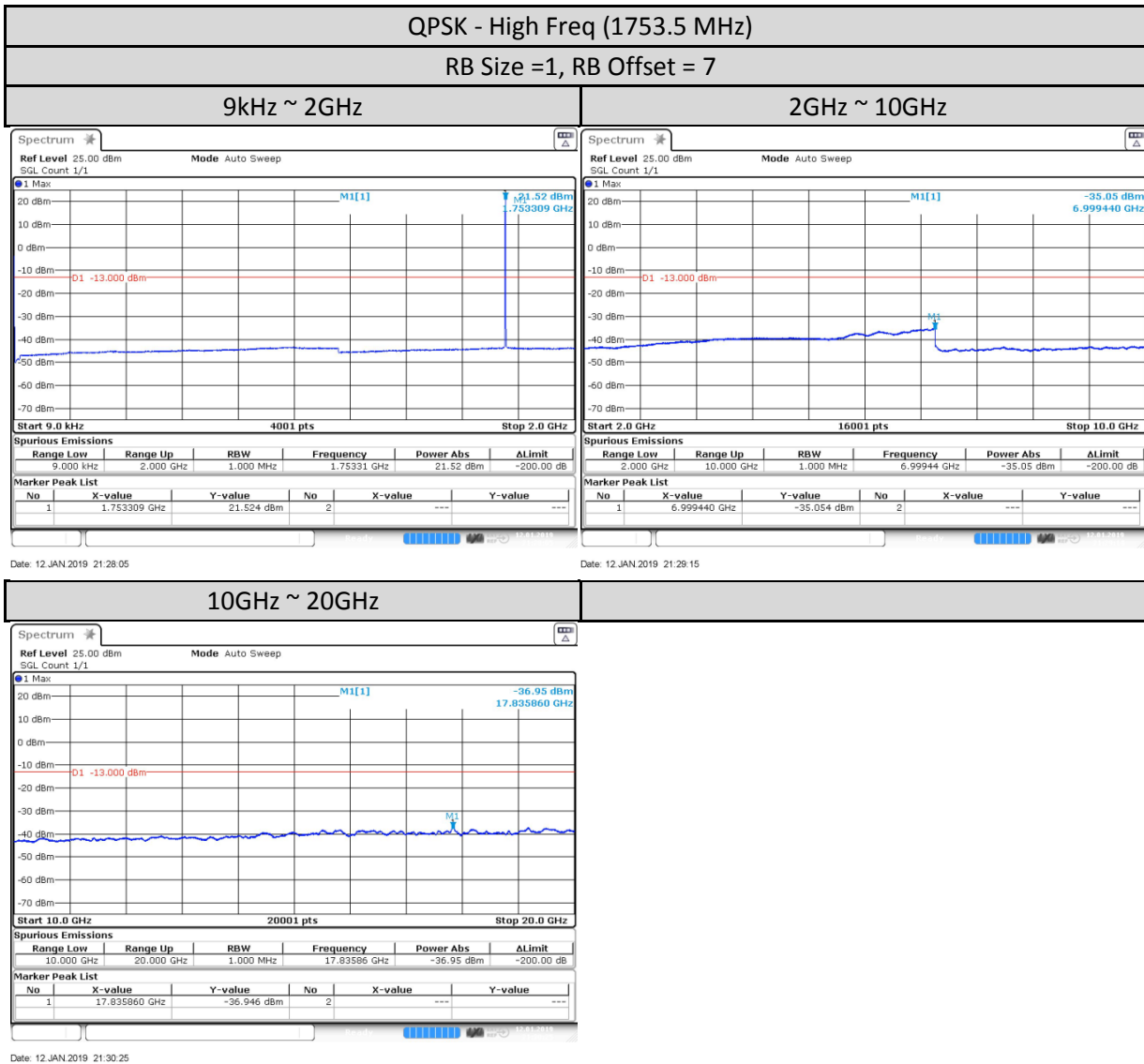




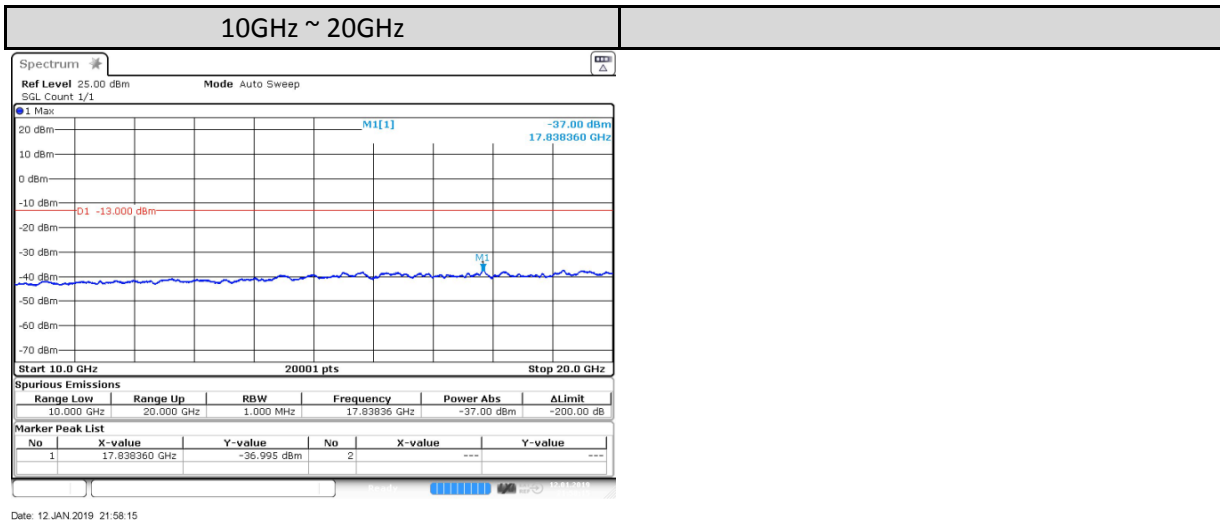
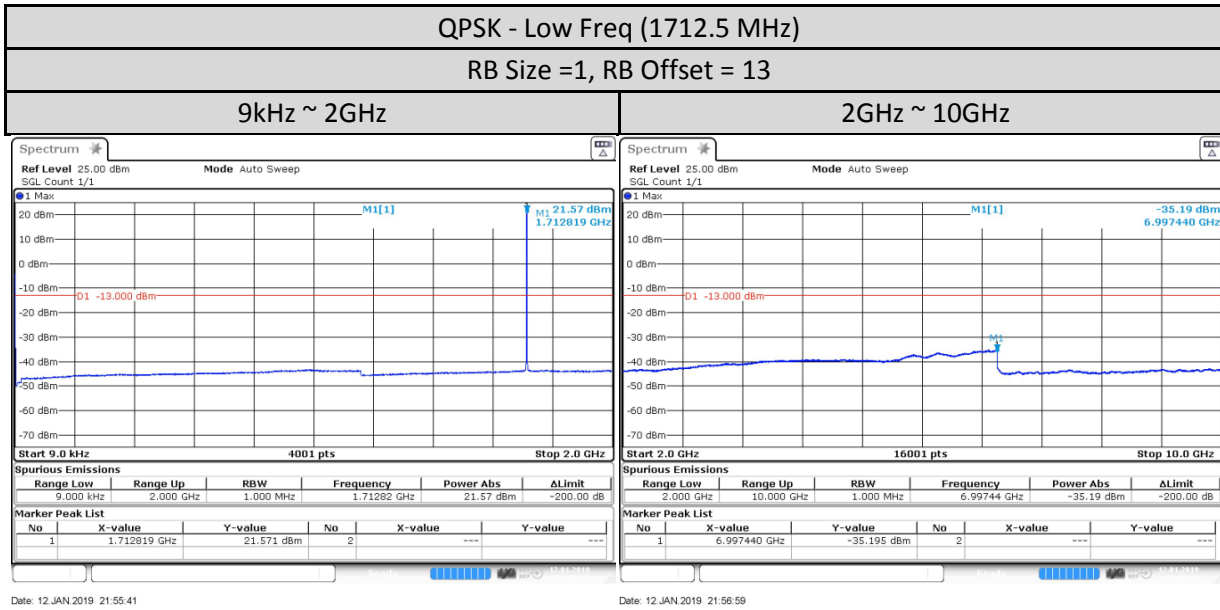
3MHz

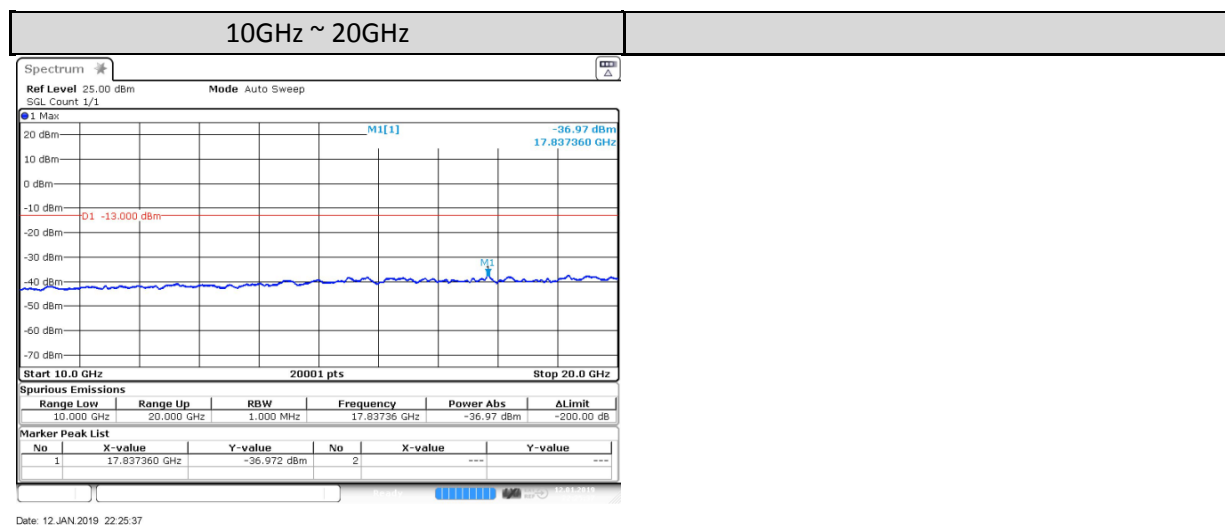
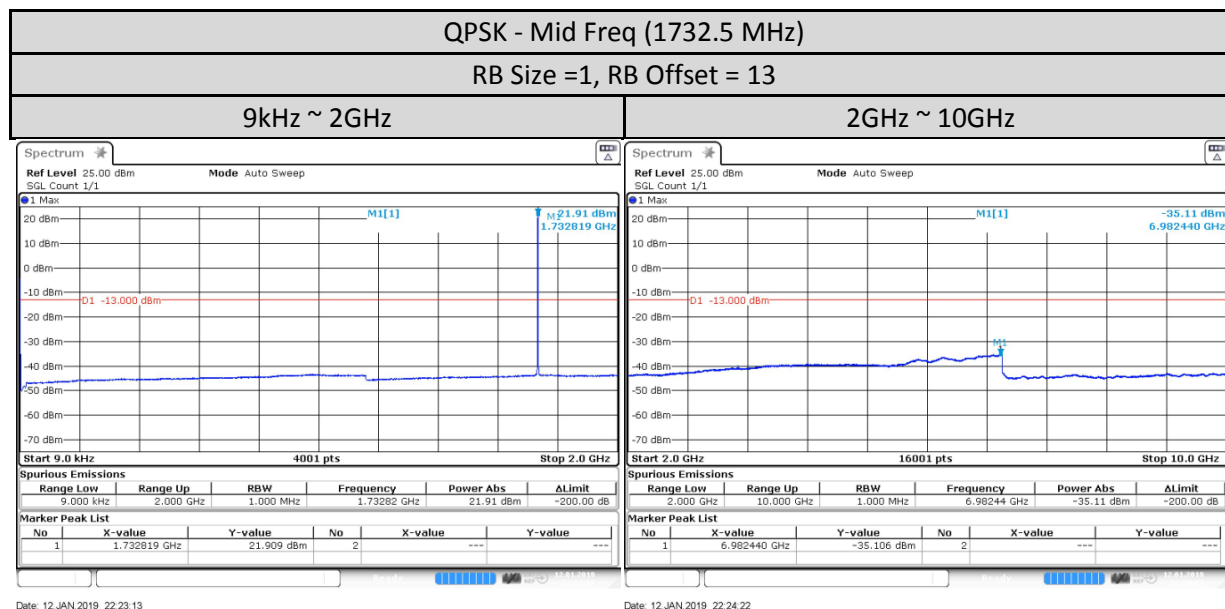


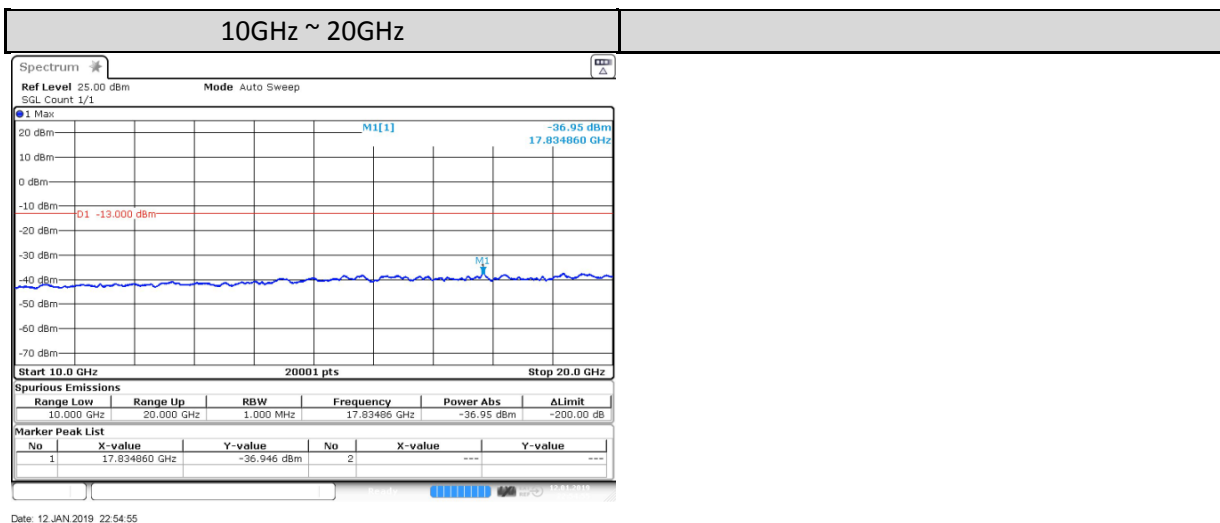
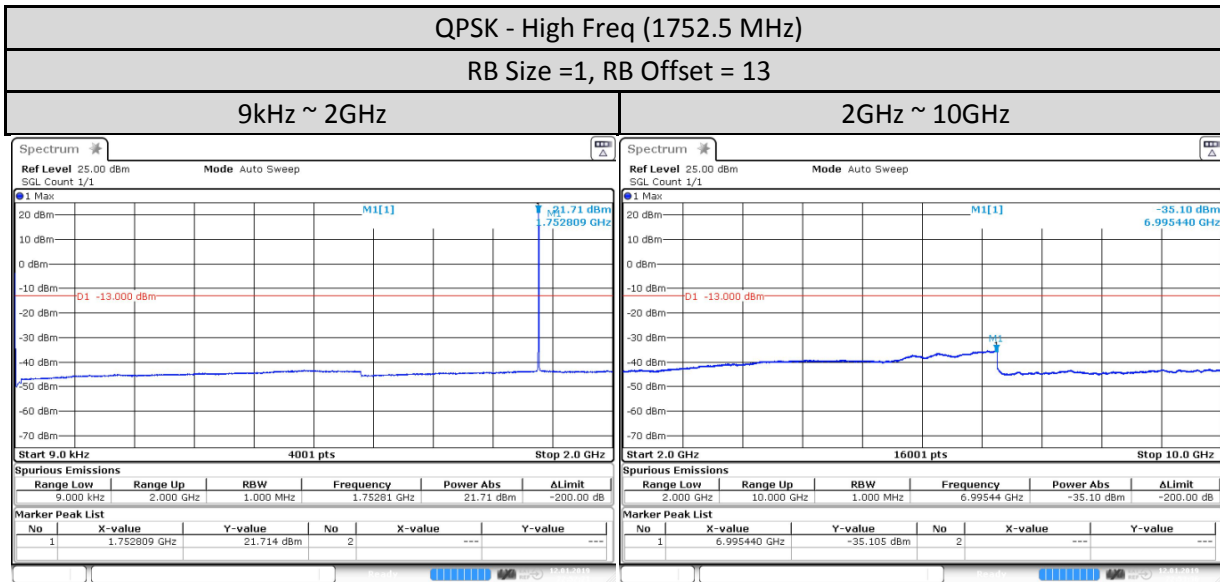




5MHz

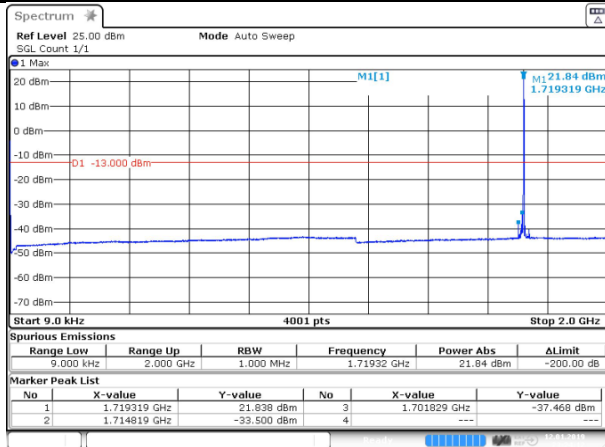




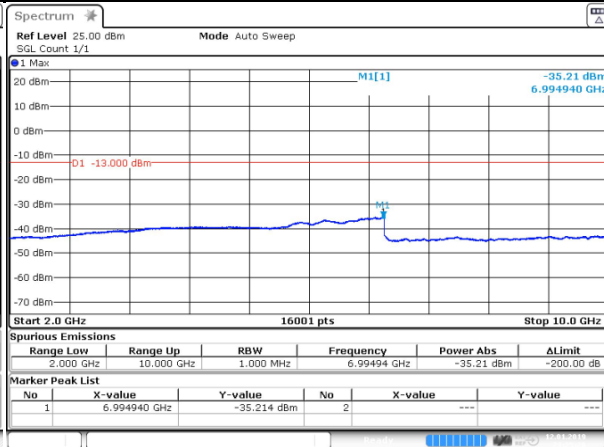


10MHz

QPSK - Low Freq (1715.0 MHz)	
RB Size =1, RB Offset = 49	
9kHz ~ 2GHz	2GHz ~ 10GHz

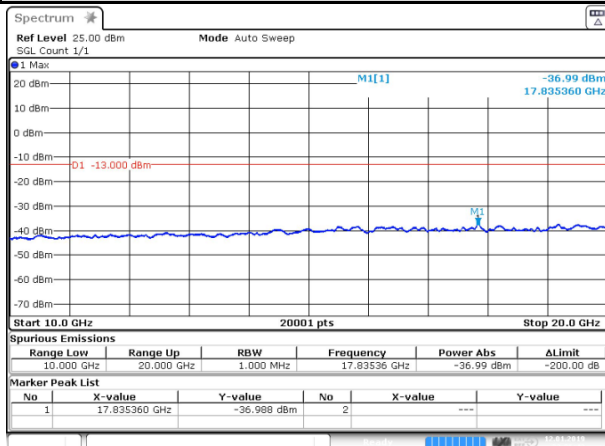


Date: 12 JAN.2019 23:24:12

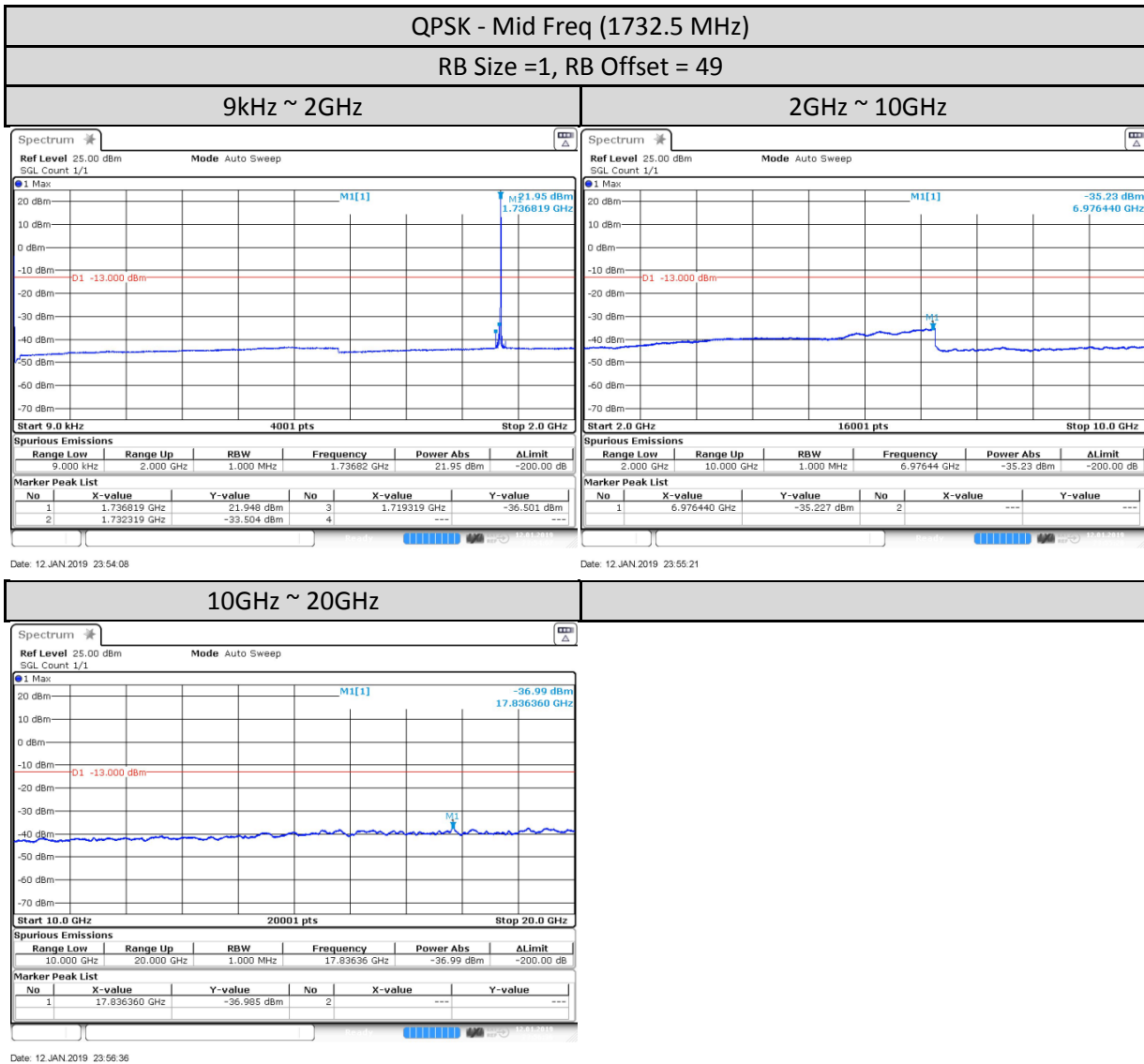


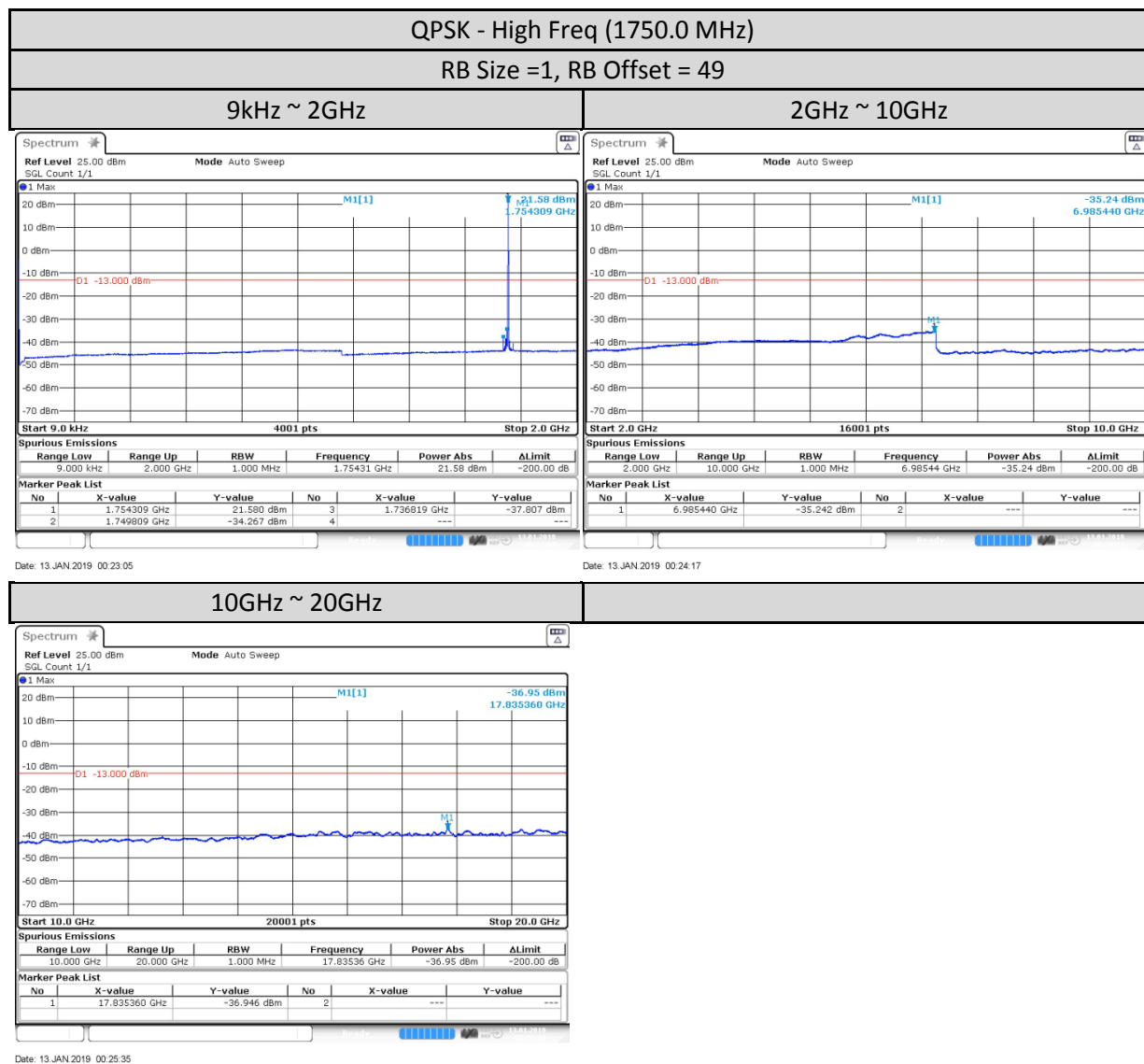
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10GHz ~ 20GHz	
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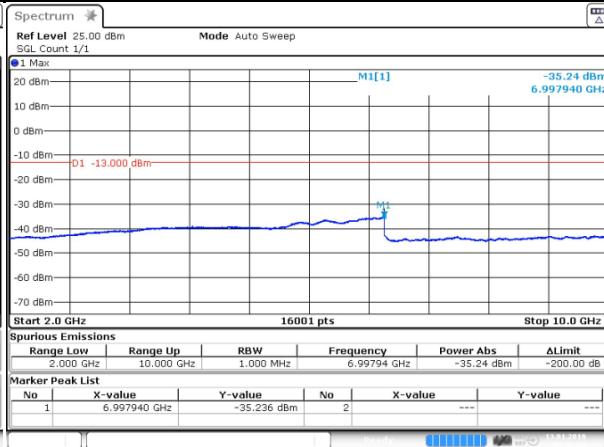
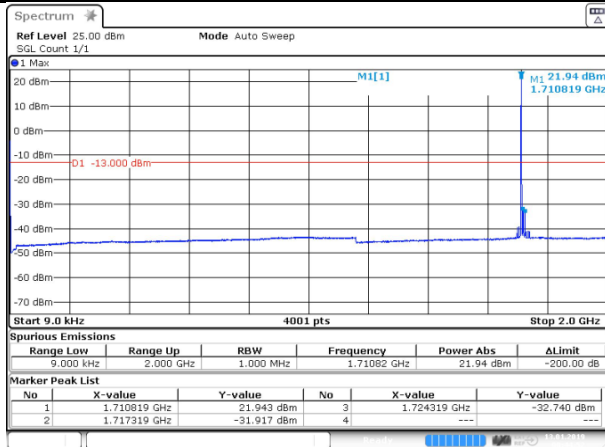
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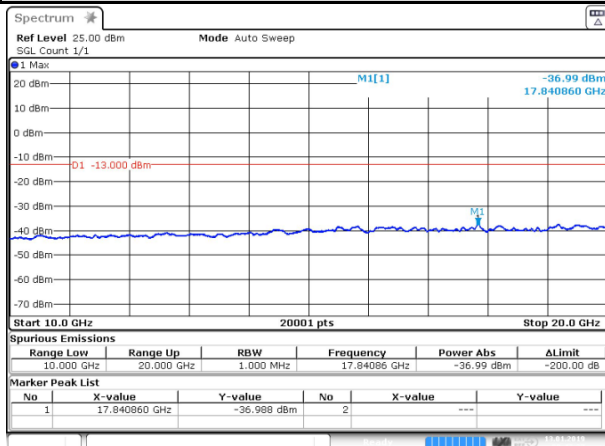


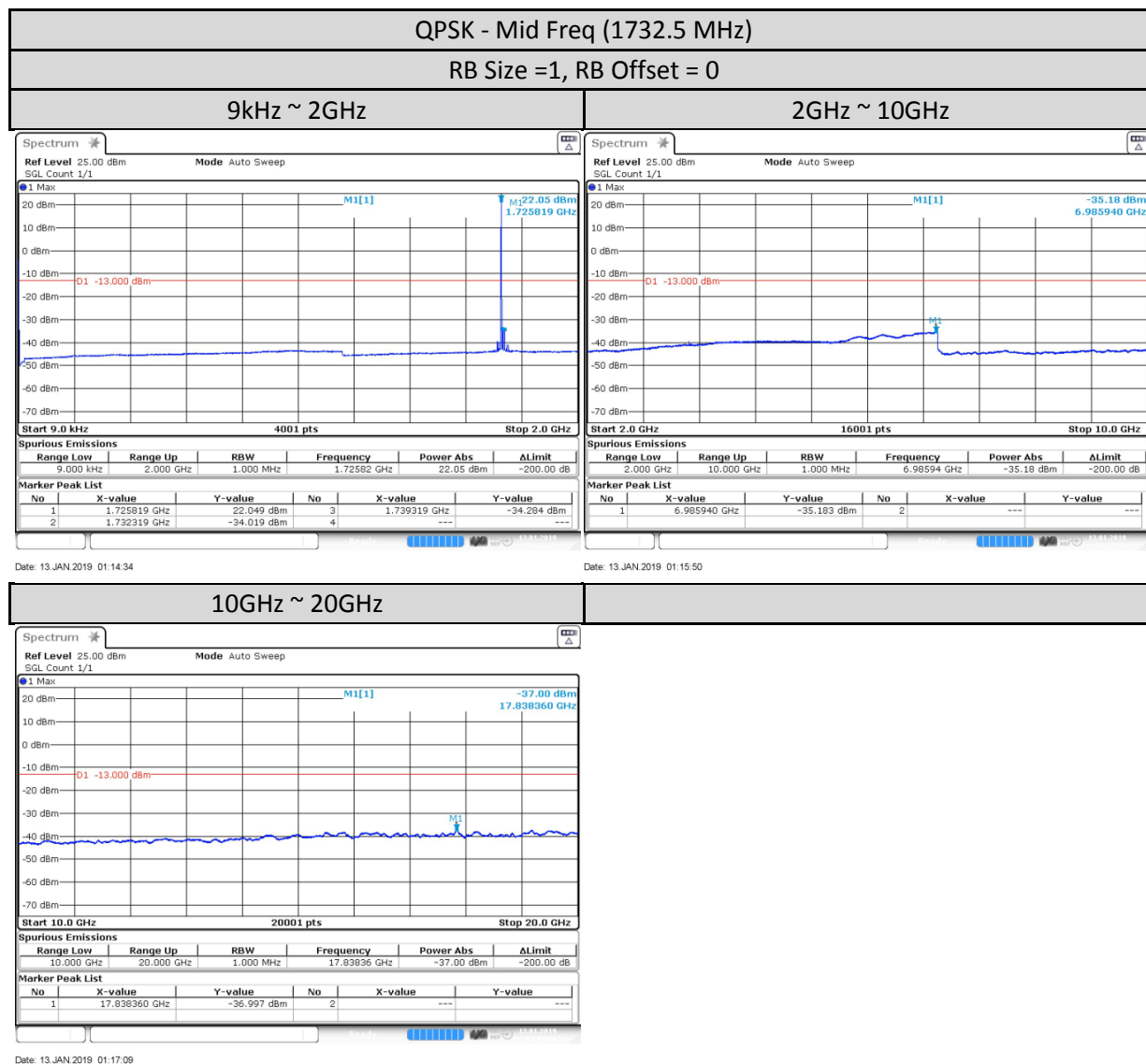
15MHz

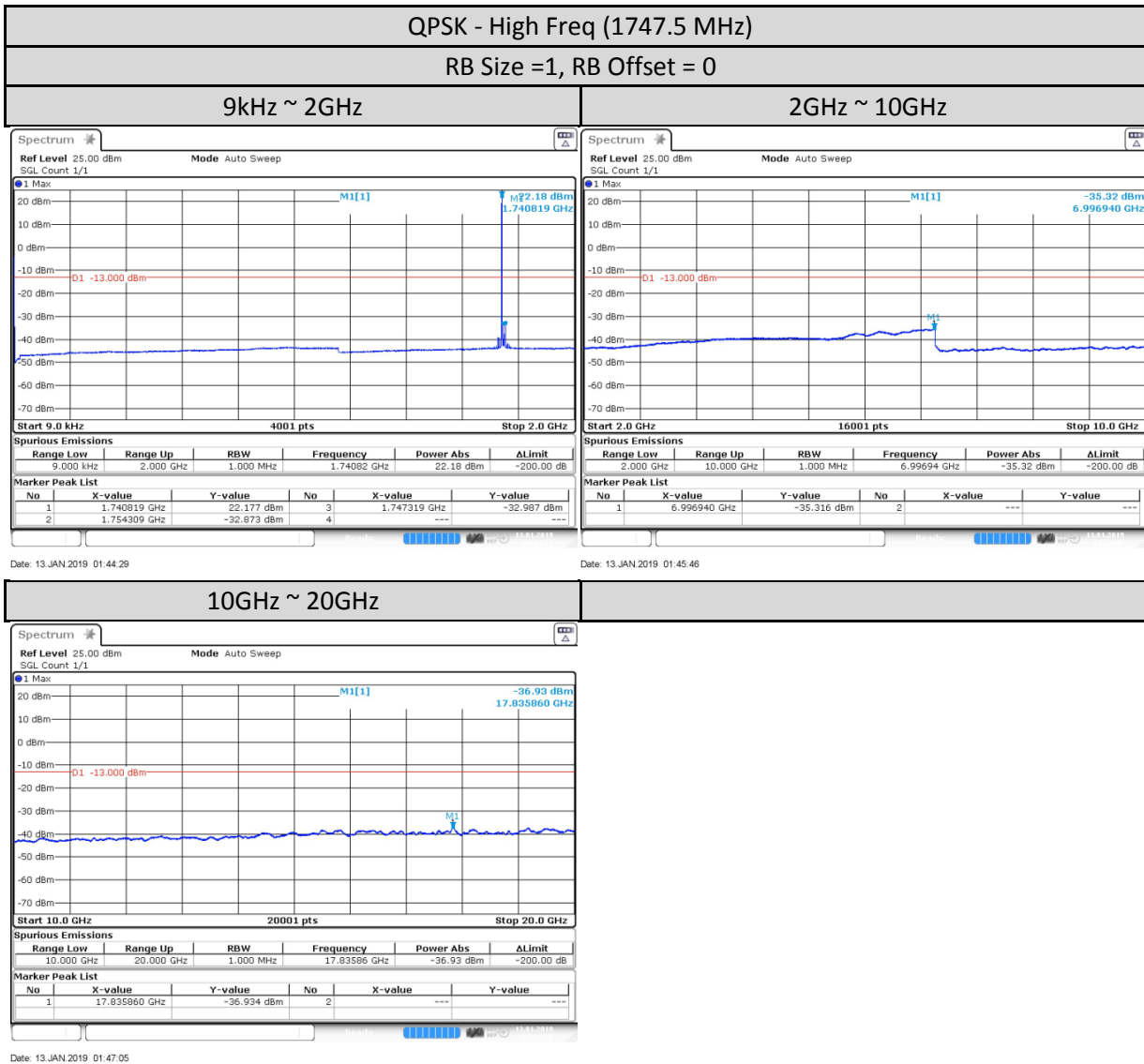
QPSK - Low Freq (1717.5 MHz)	
RB Size =1, RB Offset = 0	
9kHz ~ 2GHz	2GHz ~ 10GHz



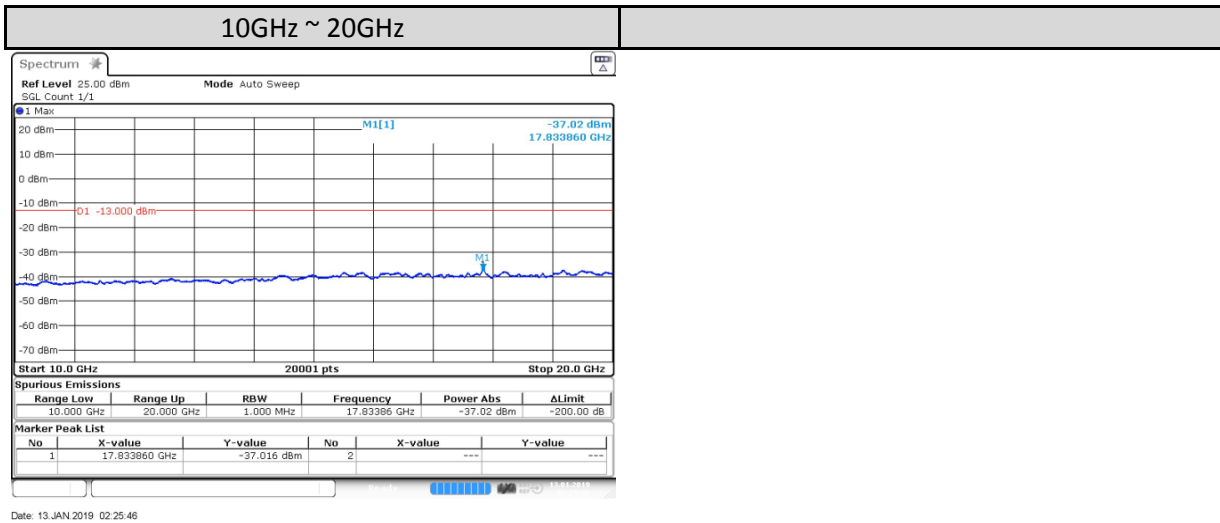
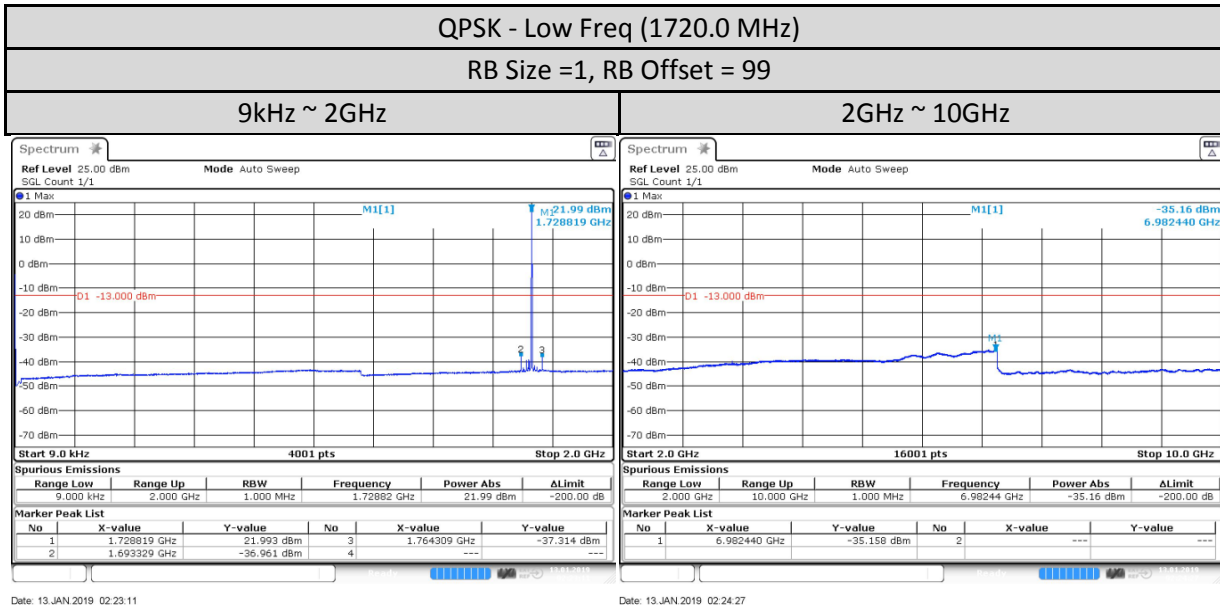
10GHz ~ 20GHz	
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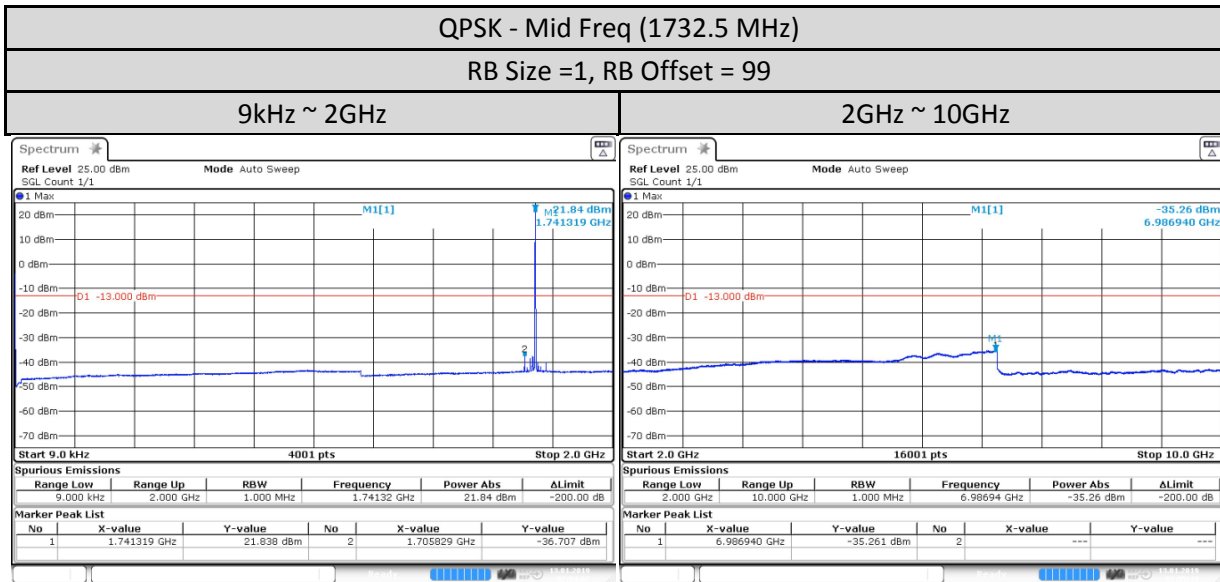






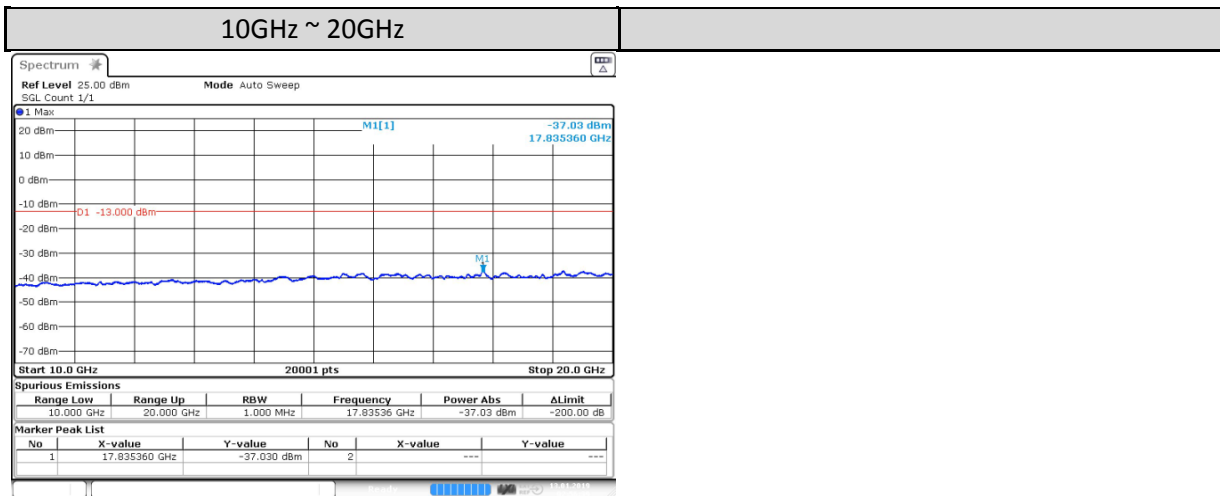
20MHz



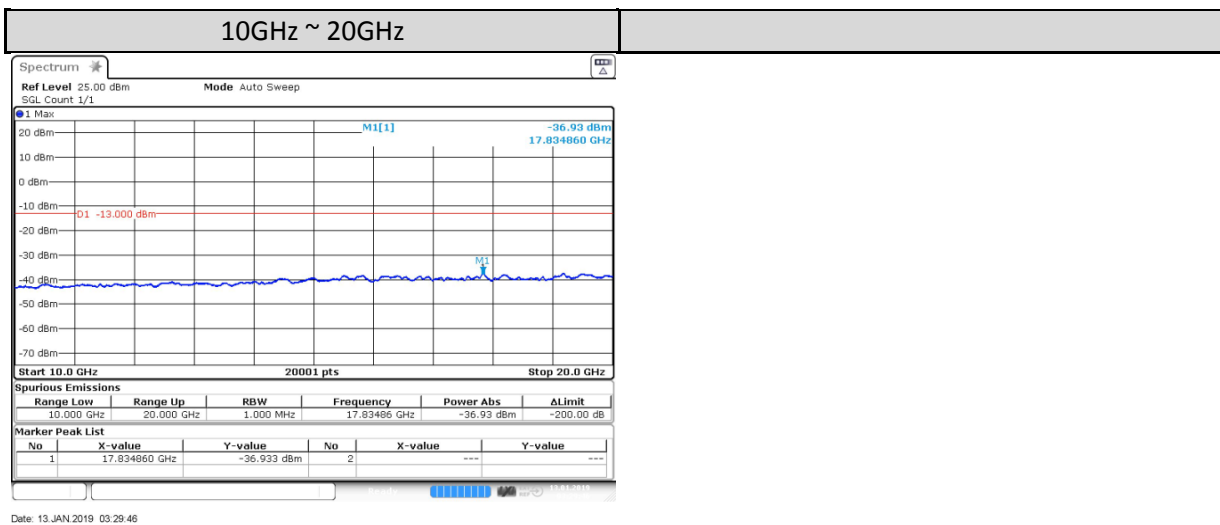
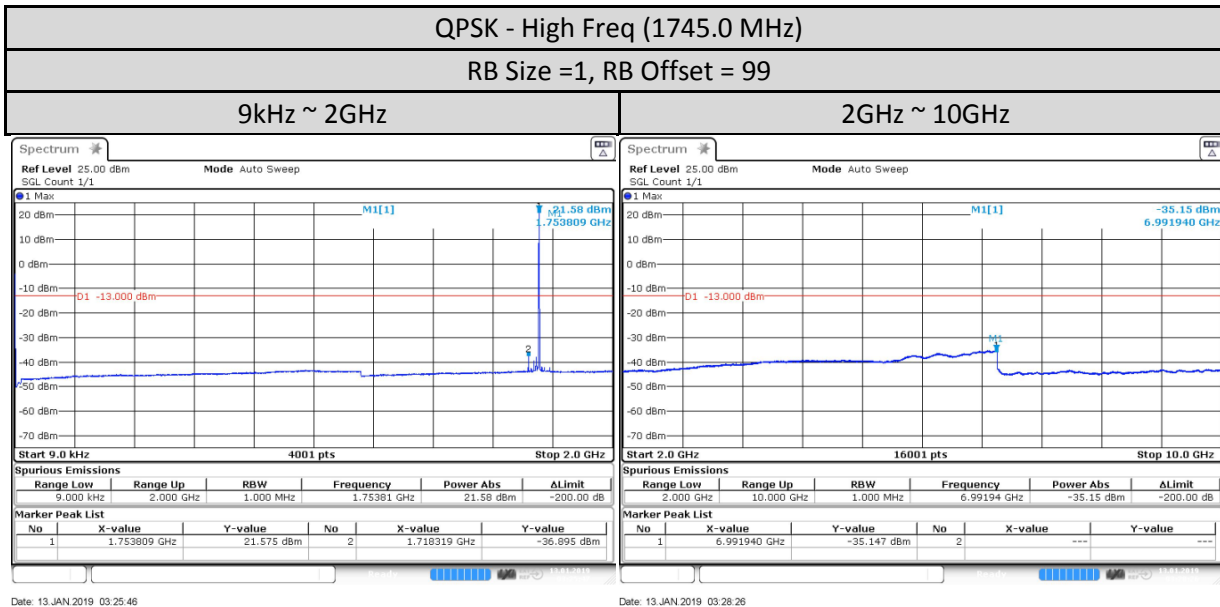


Date: 13 JAN 2019 02:54:03

Date: 13 JAN 2019 02:55:19

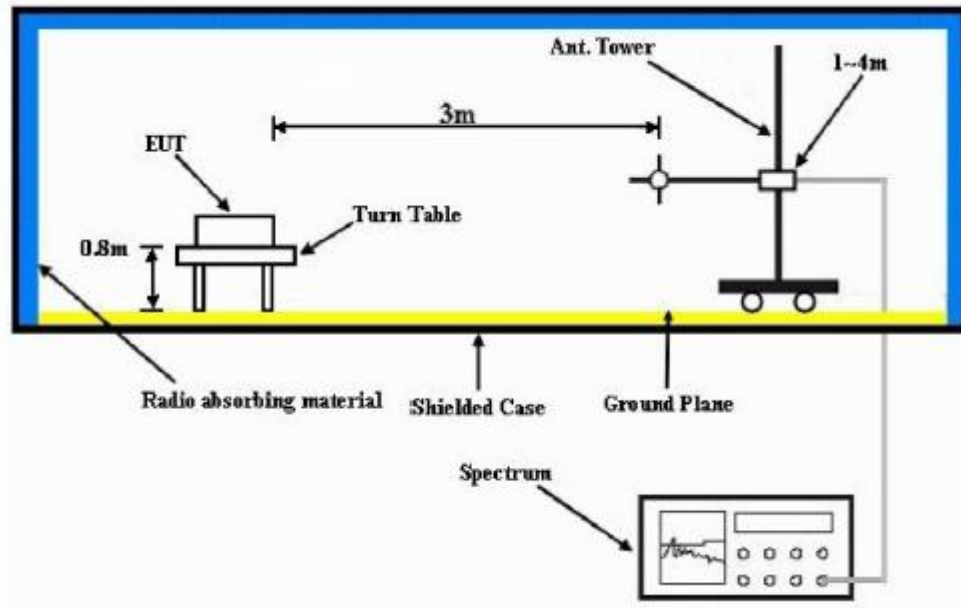


Date: 13 JAN 2019 02:56:39



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 Turn Table at 0.8m height for below 1GHz measurement and at 1.5m height for above 1GHz measurement, 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.

1.0.1. Test Limit

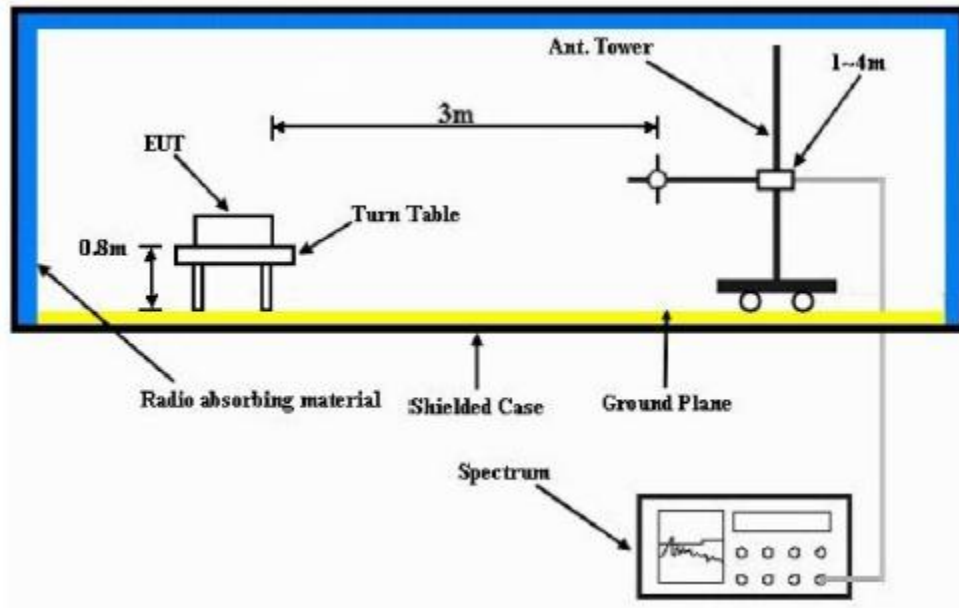
The power of any emission outside a licensee’s frequency block shall be attenuated below the transmitter power (P) by at least $43 + \log_{10}(P)$ dB. The limit of a emission equal to -13dBm.

1.12.2. Radiated Spurious Emission – LTE Band 4 (1710-1755MHz)

Not Performed.

1.13. Equivalent Isotropically Radiated Power (EIRP)

1.13.1. Test Setup



- 1) All measurements were done at low, middle and high operational frequency range. RBW is 1% to 5% of OBW, VBW is 3*RBW. Detector mode is RMS.
- 2) In the semi-anechoic chamber, setup as illustrated above the EUT placed on the Turn Table at 0.8m height for below 1Ghz measurement and at 1.5m height for above 1GHz measurement, 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) $EIRP = \text{“Read Value”} + \text{Measured substitution value.}$

1.13.2. Test Limit

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

1.13.3. Equivalent Isotropically Radiated Power (EIRP) - LTE Band 4 (1710-1755MHz)

Not Performed.

--End of Test Report--