-20	Normal	FDD17	5	fullRB	-8.54	14.992	-0.012	0.021
-30	Normal	FDD17	5	fullRB	-12.903	-9.27	-0.018	-0.013
Normal	Low	FDD25	5	fullRB	-15.721	-15.993	-0.008	-0.008
Normal	Normal	FDD25	5	fullRB	-13.976	-10.943	-0.007	-0.006
Normal	High	FDD25	5	fullRB	-10.5	-20.127	-0.006	-0.011
50	Normal	FDD25	5	fullRB	-17.538	-13.404	-0.009	-0.007
40	Normal	FDD25	5	fullRB	-7.11	-16.079	-0.004	-0.009
30	Normal	FDD25	5	fullRB	-15.221	-15.364	-0.008	-0.008
20	Normal	FDD25	5	fullRB	-16.136	18.868	-0.009	0.01
10	Normal	FDD25	5	fullRB	-16.823	-17.238	-0.009	-0.009
0	Normal	FDD25	5	fullRB	-5.207	15.779	-0.003	0.008
-10	Normal	FDD25	5	fullRB	-5.25	-15.821	-0.003	-0.008
-20	Normal	FDD25	5	fullRB	-8.755	13.947	-0.005	0.007
-30	Normal	FDD25	5	fullRB	-8.769	-18.525	-0.005	-0.01
Normal	Low	FDD26_22	5	fullRB	-4.721	11.401	-0.006	0.014
Normal	Normal	FDD26_22	5	fullRB	-10.686	10.929	-0.013	0.013
Normal	High	FDD26_22	5	fullRB	-8.626	12.288	-0.01	0.015
50	Normal	FDD26_22	5	fullRB	-9.084	11.23	-0.011	0.013
40	Normal	FDD26_22	5	fullRB	-7.925	-12.074	-0.009	-0.014
30	Normal	FDD26_22	5	fullRB	-13.061	-9.212	-0.016	-0.011
20	Normal	FDD26_22	5	fullRB	-6.795	11.83	-0.008	0.014
10	Normal	FDD26_22	5	fullRB	-5.651	13.618	-0.007	0.016
0	Normal	FDD26_22	5	fullRB	-9.327	-9.871	-0.011	-0.012
-10	Normal	FDD26_22	5	fullRB	-7.367	11.129	-0.009	0.013
-20	Normal	FDD26_22	5	fullRB	-4.034	-11.83	-0.005	-0.014

-30	Normal	FDD26_22	5	fullRB	-13.032	9.871	-0.016	0.012
Normal	Low	FDD26_90	5	fullRB	-8.64	-15.421	-0.011	-0.019
Normal	Normal	FDD26_90	5	fullRB	-10.328	10.457	-0.013	0.013
Normal	High	FDD26_90	5	fullRB	5.35	-9.041	0.007	-0.011
50	Normal	FDD26_90	5	fullRB	-4.292	-12.331	-0.005	-0.015
40	Normal	FDD26_90	5	fullRB	-10.5	-11.172	-0.013	-0.014
30	Normal	FDD26_90	5	fullRB	-12.002	-9.413	-0.015	-0.011
20	Normal	FDD26_90	5	fullRB	-10.428	-10.757	-0.013	-0.013
10	Normal	FDD26_90	5	fullRB	-5.751	-11.93	-0.007	-0.015
0	Normal	FDD26_90	5	fullRB	-12.445	-12.259	-0.015	-0.015
-10	Normal	FDD26_90	5	fullRB	-7.696	9.012	-0.009	0.011
-20	Normal	FDD26_90	5	fullRB	-12.345	-10.686	-0.015	-0.013
-30	Normal	FDD26_90	5	fullRB	-5.608	10.9	-0.007	0.013
Normal	Low	FDD30	5	fullRB	-12.689	13.776	-0.005	0.006
Normal	Normal	FDD30	5	fullRB	-21.286	-17.567	-0.009	-0.008
Normal	High	FDD30	5	fullRB	-12.918	-18.711	-0.006	-0.008
50	Normal	FDD30	5	fullRB	11.444	25.535	0.005	0.011
40	Normal	FDD30	5	fullRB	-15.364	17.552	-0.007	0.008
30	Normal	FDD30	5	fullRB	-15.078	-17.424	-0.007	-0.008
20	Normal	FDD30	5	fullRB	-21.272	-17.81	-0.009	-0.008
10	Normal	FDD30	5	fullRB	5.407	-25.935	-0.002	-0.011
0	Normal	FDD30	5	fullRB	-12.36	-19.398	-0.005	-0.008
-10	Normal	FDD30	5	fullRB	-10.371	16.422	-0.004	0.007
-20	Normal	FDD30	5	fullRB	-13.003	21.415	-0.006	0.009
-30	Normal	FDD30	5	fullRB	-16.079	-15.936	-0.007	-0.007

Normal	Low	TDD38	5	fullRB	-11.344	-17.853	-0.004	-0.007
Normal	Normal	TDD38	5	fullRB	-18.897	-20.742	-0.007	-0.008
Normal	High	TDD38	5	fullRB	-45.533	-24.219	-0.018	-0.009
50	Normal	TDD38	5	fullRB	-16.68	-26.894	-0.006	-0.01
40	Normal	TDD38	5	fullRB	-21.572	-27.866	-0.008	-0.011
30	Normal	TDD38	5	fullRB	7.281	-24.476	0.003	-0.009
20	Normal	TDD38	5	fullRB	-13.533	-27.394	-0.005	-0.011
10	Normal	TDD38	5	fullRB	-14.148	-16.079	-0.005	-0.006
0	Normal	TDD38	5	fullRB	-17.595	-21.014	-0.007	-0.008
-10	Normal	TDD38	5	fullRB	-13.576	-14.806	-0.005	-0.006
-20	Normal	TDD38	5	fullRB	-5.579	-20.771	-0.002	-0.008
-30	Normal	TDD38	5	fullRB	-18.21	-26.879	-0.007	-0.01
Normal	Low	TDD41	5	fullRB	-14.005	-4.578	-0.005	-0.002
Normal	Normal	TDD41	5	fullRB	-10.357	-7.582	-0.004	-0.003
Normal	High	TDD41	5	fullRB	-11.344	-10.071	-0.004	-0.004
50	Normal	TDD41	5	fullRB	8.597	14.248	0.003	0.005
40	Normal	TDD41	5	fullRB	-16.623	-8.411	-0.006	-0.003
30	Normal	TDD41	5	fullRB	-13.475	19.627	-0.005	0.008
20	Normal	TDD41	5	fullRB	11.158	11.258	0.004	0.004
10	Normal	TDD41	5	fullRB	-15.349	8.969	-0.006	0.003
0	Normal	TDD41	5	fullRB	-10.228	-6.237	-0.004	-0.002
-10	Normal	TDD41	5	fullRB	-12.36	12.159	-0.005	0.005
-20	Normal	TDD41	5	fullRB	-14.563	-8.712	-0.006	-0.003
-30	Normal	TDD41	5	fullRB	-20.657	12.059	-0.008	0.005
Normal	Low	FDD66	1.4	fullRB	-8.727	-23.142	-0.005	-0.013
Normal	Normal	FDD66	1.4	fullRB	-11.864	-24.463	-0.007	-0.014

Normal	High	FDD66	1.4	fullRB	-30.499	-32.036	-0.017	-0.018
50	Normal	FDD66	1.4	fullRB	-12.945	-27.299	-0.007	-0.016
40	Normal	FDD66	1.4	fullRB	-11.01	-24.477	-0.006	-0.014
30	Normal	FDD66	1.4	fullRB	10.768	-24.289	0.006	-0.014
20	Normal	FDD66	1.4	fullRB	-10.62	-21.479	-0.006	-0.012
10	Normal	FDD66	1.4	fullRB	-12.584	-26.358	-0.007	-0.015
0	Normal	FDD66	1.4	fullRB	-9.54	-28.143	-0.005	-0.016
-10	Normal	FDD66	1.4	fullRB	-13.356	-27.453	-0.008	-0.016
-20	Normal	FDD66	1.4	fullRB	-10.529	-26.482	-0.006	-0.015
-30	Normal	FDD66	1.4	fullRB	-11.786	-28.253	-0.007	-0.016
Normal	Low	FDD71	5	fullRB	-6.872	-25.485	-0.01	-0.037
Normal	Normal	FDD71	5	fullRB	-6.069	-8.322	-0.009	-0.012
Normal	High	FDD71	5	fullRB	-4.799	13.408	-0.007	0.02
50	Normal	FDD71	5	fullRB	-8.111	11.469	-0.012	0.017
40	Normal	FDD71	5	fullRB	-8.533	-11.889	-0.013	-0.017
30	Normal	FDD71	5	fullRB	-9.025	10.257	-0.013	0.015
20	Normal	FDD71	5	fullRB	-11.348	-10.49	-0.017	-0.015
10	Normal	FDD71	5	fullRB	-9.97	11.062	-0.015	0.016
0	Normal	FDD71	5	fullRB	-6.54	-13.382	-0.01	-0.02
-10	Normal	FDD71	5	fullRB	-6.522	-10.492	-0.01	-0.015
-20	Normal	FDD71	5	fullRB	-3.801	-8.913	-0.006	-0.013
-30	Normal	FDD71	5	fullRB	-10.025	-8.654	-0.015	-0.013

6.6. Conducted Spurious Emission

Specifications:	FCC Part 22.917(a)/24.238(a)/27.53(a)/27.53(c)(2)/ 27.53(f)/27.53(g)/27.53(m)/27.53(h)/ 90.691/90.543(e)/90.543(f) RSS 130 4.7,RSS-132 5.5/RSS-133 5.6, RSS-139 5.6,RSS 140 4.4,RSS-195 5.6, RSS-199 5.6
DUT Serial Number:	25B02W000004#S2
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-70% Air pressure: 86-106kPa
Test Results:	Pass

6.6.1. Measurement Limit

FCC §22.917(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC §24.238(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC§27.53(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

FCC§90.691 Emission mask requirements for EA-based systems.

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

FCC §27.53(c)

For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 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;

(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;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(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;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC §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.

FCC §27.53(m)(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 +

10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC §27.53(h):

AWS emission limits —

(1) General protection levels. Except as otherwise specified below, for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

(2) Additional protection levels. Notwithstanding the foregoing paragraph (h)(1) of this section:

(i) Operations in the 2180–2200 MHz band are subject to the out-of-band emission requirements set forth in § 27.1134 for the protection of federal government operations operating in the 2200–2290 MHz band.

(ii) For operations in the 2000–2020 MHz band, the power of any emissions below 2000 MHz shall be attenuated below the transmitter power (P) in watts by at least 70 + 10 log10(P) dB.

(iii) For operations in the 1915–1920 MHz band, the power of any emission between 1930–1995 MHz shall be attenuated below the transmitter power (P) in watts by at least 70 + 10 log10(P) dB.

(iv) For operations in the 1995–2000 MHz band, the power of any emission between 2005–2020 MHz shall be attenuated below the transmitter power (P) in watts by at least 70 + 10 log10(P) dB.

FCC §27.50(c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

FCC §27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC§90.543(e):

For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

FCC§90.543(f) For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics 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.

RSS-133 5.6,RSS-199 5.6:

Unwanted emissions shall be measured in terms of average values while the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen.

Equipment shall meet the unwanted emission limits, specified in table 3, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one located as close as possible to the high end of the equipment’s operating frequency range.

For the unwanted emission limits, in the 1 MHz bands immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth (OBW). Beyond these 1 MHz bands, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth may be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% of the OBW, as applicable.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the table.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
≤ 1	-13 dBm/(1% of OBW)
> 1	-13 dBm/MHz

RSS-139 5.6

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
1 MHz	-13 dBm/(1% of OB*)
>1 MHz	-13 dBm/MHz

RSS-132 5.5

Equipment shall meet the unwanted emission limits specified below:

i. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated below the transmitter output power P (dBW) by at least 43 + 10 log(p) dB.

ii. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated below the transmitter output power P (dBW) by at least 43 + 10 log(p) dB. If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

p is the output power specified in watts.

RSS 130 4.7:

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

a. the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
   i. $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment and
   ii. $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment
b. the e.i.r.p. in the band 1559-1610 MHz shall not exceed −70 dBW/MHz for wideband signal and −80 dBW for discrete emission with bandwidth less than 700 Hz.

RSS 140 4.4:

The power of any unwanted emission outsidethe bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitteroutput power P in dBW as follows, where p is the transmitter output power in watts:

a. For any frequency between 769-775 MHz and 799-806 MHz:
   i. 76 + 10 log (p), dB in a 6.25 kHz band for fixed and base station equipment
   ii. 65 + 10 log (p), dB in a 6.25 kHz band for mobile and portable/hand-held equipment
b. For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: 43 + 10 log (p), dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

In addition, the equivalent isotropically radiated power (e.i.r.p.) of all emissions, including harmonics in the band 1559-1610 MHz, shall not exceed −70 dBW/MHz for wideband emissions, and −80 dBW/kHz for discrete emissions ofless than 700 Hz bandwidth.

RSS 195 5.6:

The transmitter unwanted emissions shall be measured with a resolution bandwidth of 1 MHz.A smaller resolution bandwidth is permitted provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz. However, in the 1 MHz bands immediately adjacent to the edges of the frequency range(s) in which the equipment is allowed to operate, a resolution bandwidth of as close as possible to, without being less than 1% of the occupied bandwidth, shall be employed provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz.

Mobile, Portable and Low-Power Fixed Subscriber Equipment:

Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equipment	
Frequency (MHz)	Attenuation (dB)
<2200	43 + 10 log10(p)
2200 - 2288	70 + 10 log10(p)
2288 - 2292	67 + 10 log10(p)
2292 - 2296	61 + 10 log10(p)
2296 - 2300	55 + 10 log10(p)
2300 - 2305	43 + 10 log10(p)
2305 - 2320	43 + 10 log10(p) Note
2320 - 2324	55 + 10 log10(p)
2324 - 2328	61 + 10 log10(p)
2328 - 2337	67 + 10 log10(p)
2337 - 2341	61 + 10 log10(p)
2341 - 2345	55 + 10 log10(p)
2345 - 2360	43 + 10 log10(p) Note
2360 - 2365	43 + 10 log10(p)
2365 - 2395	70 + 10 log10(p)
>2395	43 + 10 log10(p)
Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See RSS 195 5.2 for the permitted frequency ranges for various equipment types.	

6.6.2. Method of Measurement

The following steps outline the procedure used to measure the conducted emissions from the EUT.

1. Determine frequency range for measurements: From CFR 2.1057 the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency. For the mobile station equipment tested, this equates to a frequency range of 13 MHz to 9 GHz, data taken from 10 MHz to 25 GHz.

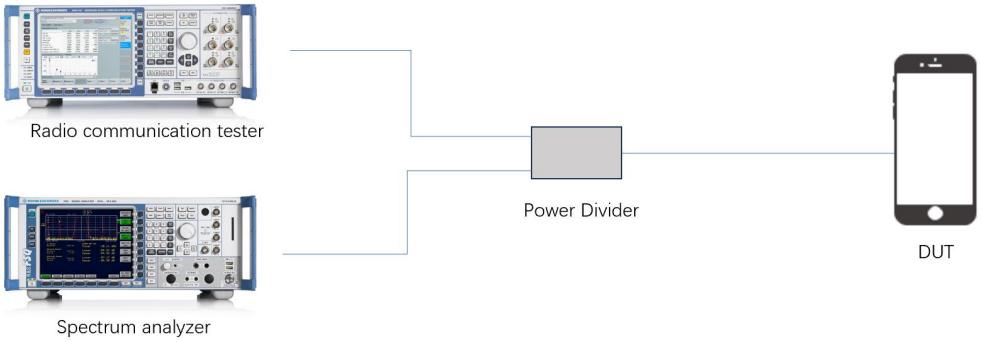
2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.

3. The number of sweep points of spectrum analyzer is set to 30001 which is greater than span/RBW.

6.6.3. Measurement Uncertainty

Expanded Uncertainty	1.06dB (k=2)

6.6.4. Test Setup

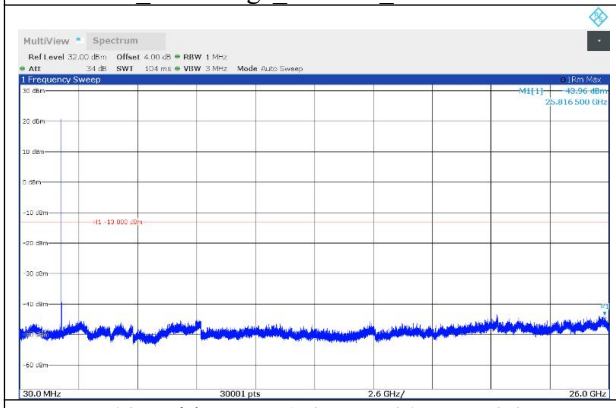
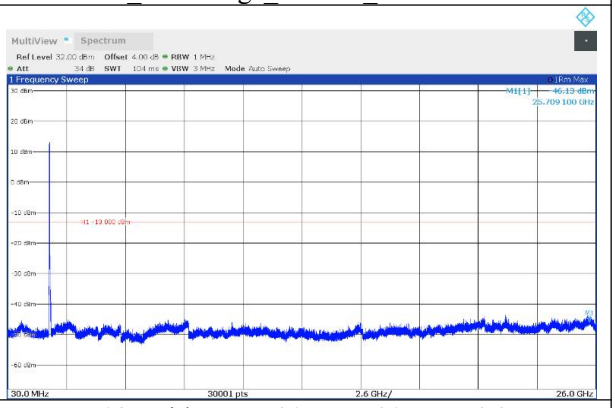
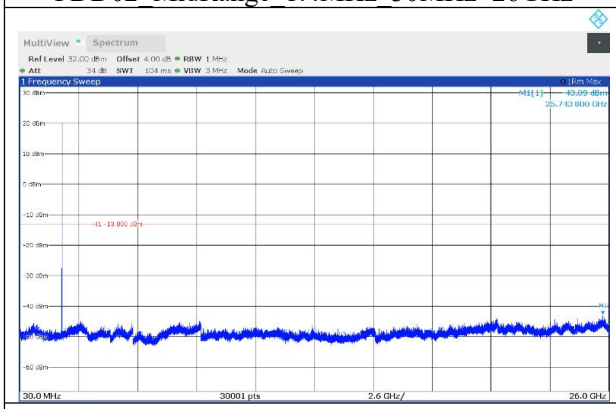
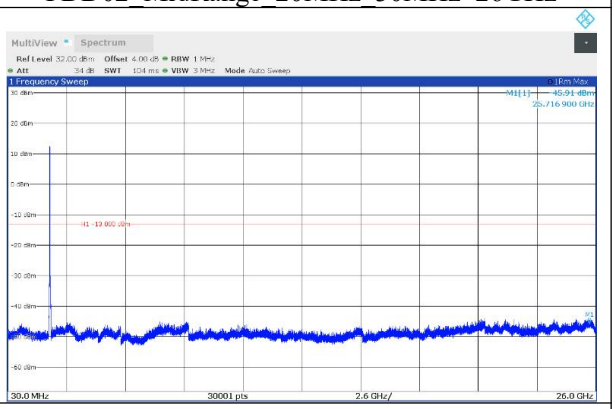
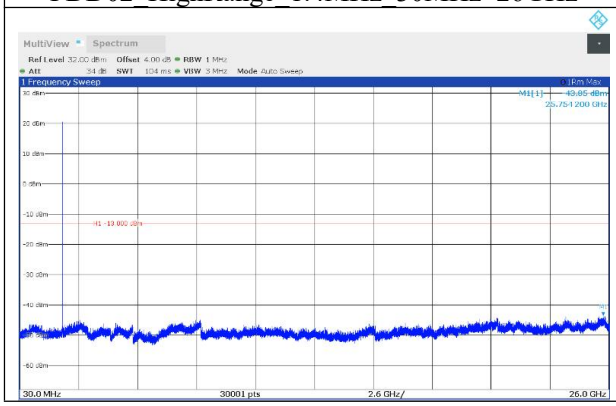
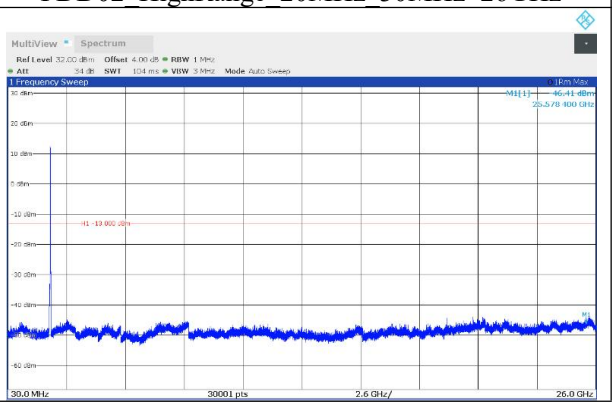


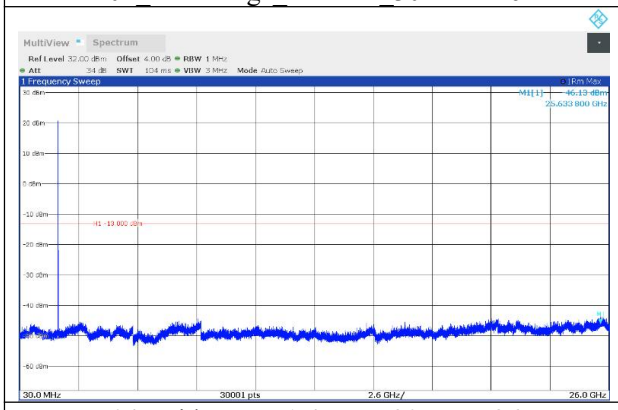
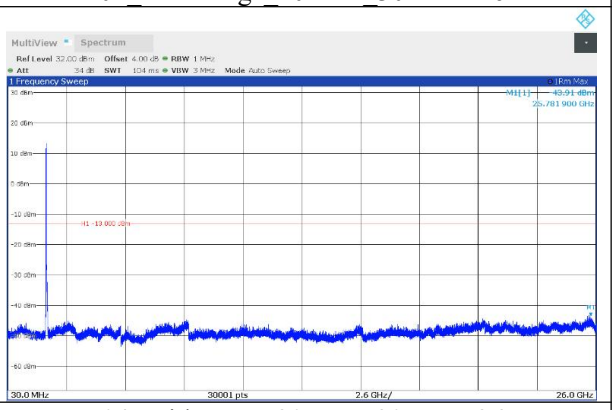
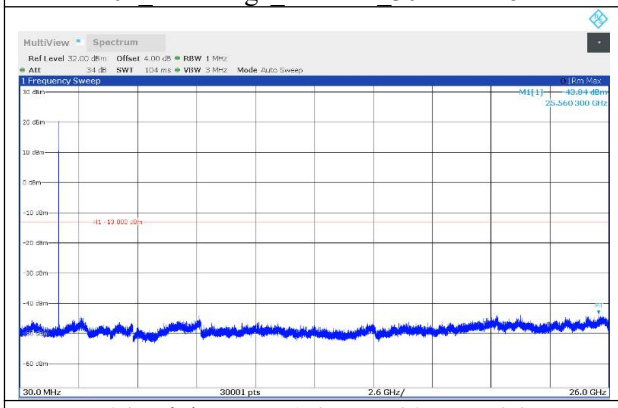
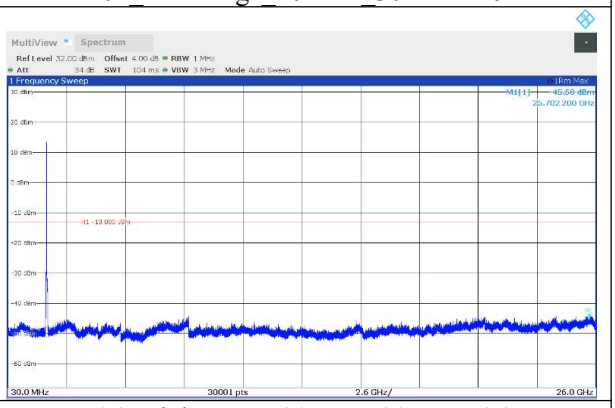
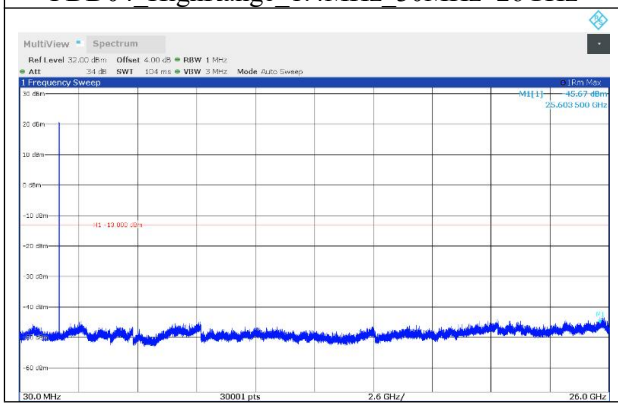
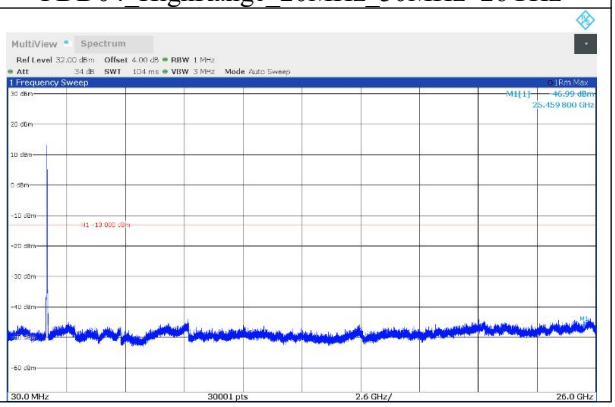
6.6.5. Measurement result

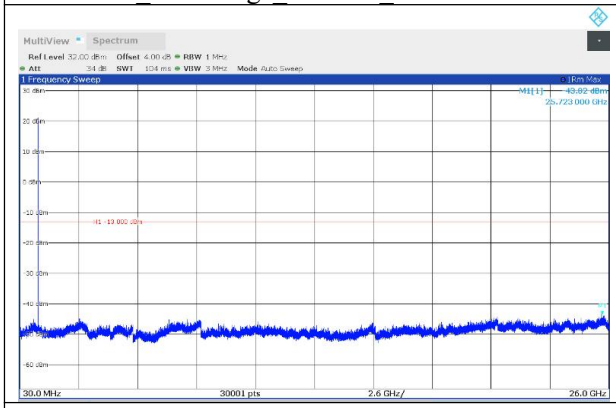
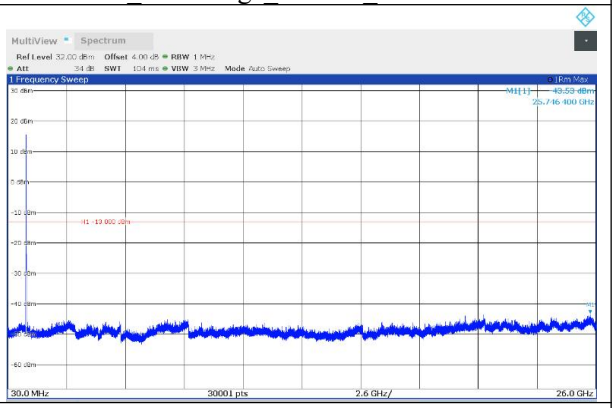
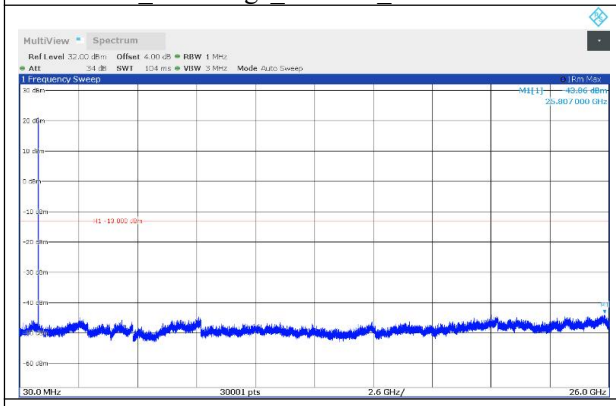
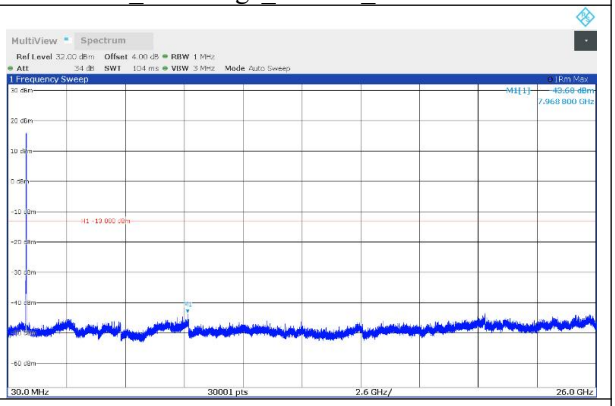
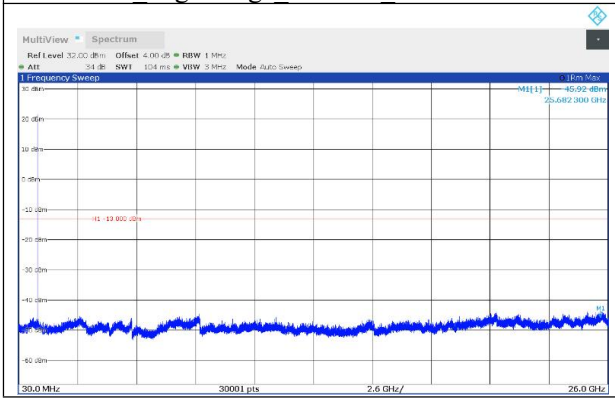
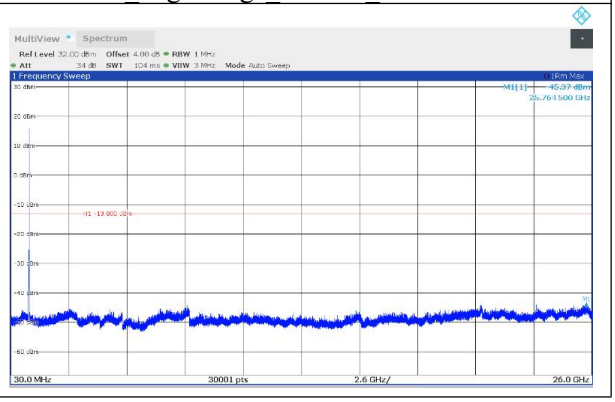
Band	RB Config
Band 2	fullRB
Band 4	fullRB
Band 5	fullRB
Band 7	fullRB
Band 12	fullRB
Band 13	fullRB
Band 14	fullRB
Band 17	fullRB
Band 25	fullRB
Band 26(Part 22)	fullRB
Band 26(Part 90)	fullRB
Band 30	fullRB
Band 38	fullRB
Band 41	fullRB
Band 41 (Note 1)	fullRB
Band66	fullRB
Band 71	fullRB

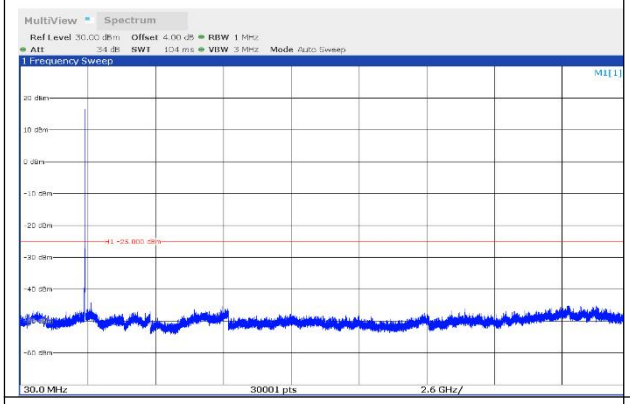
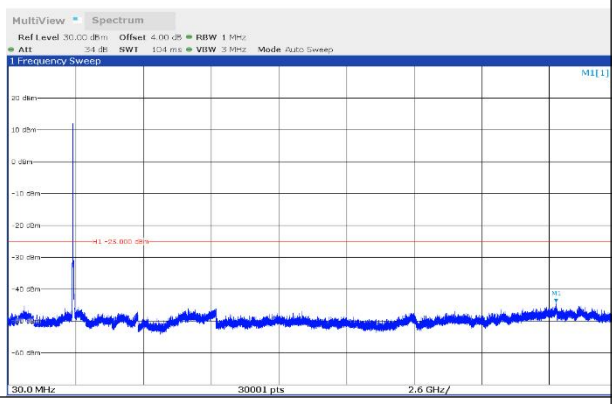
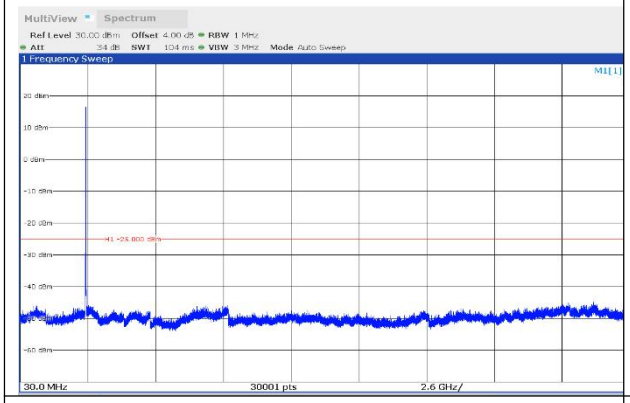
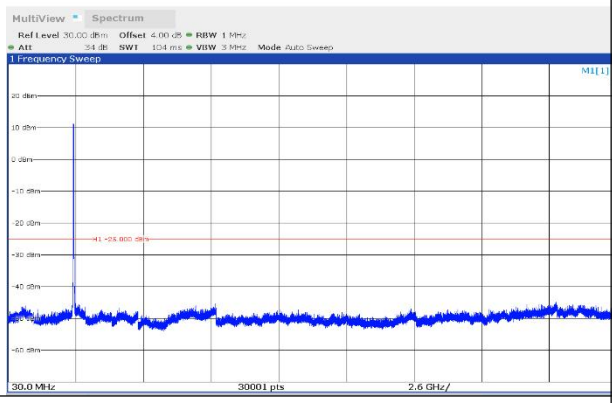
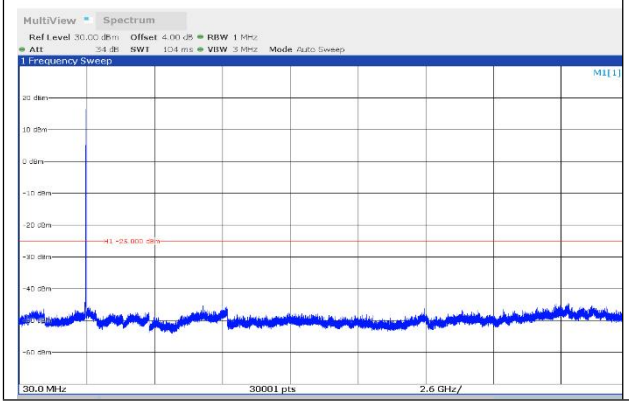
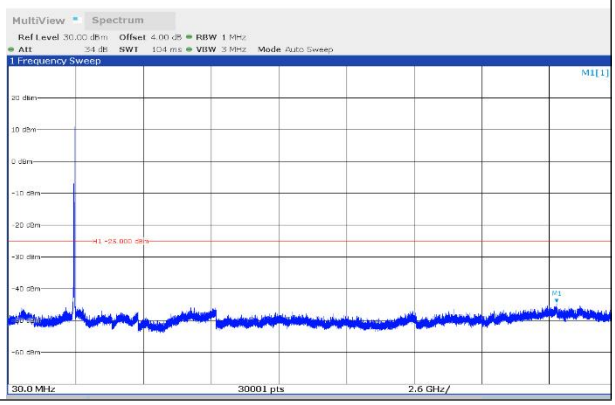
Note 1: This frequency range(2500-2690MHz) is only applicable for IC certification.

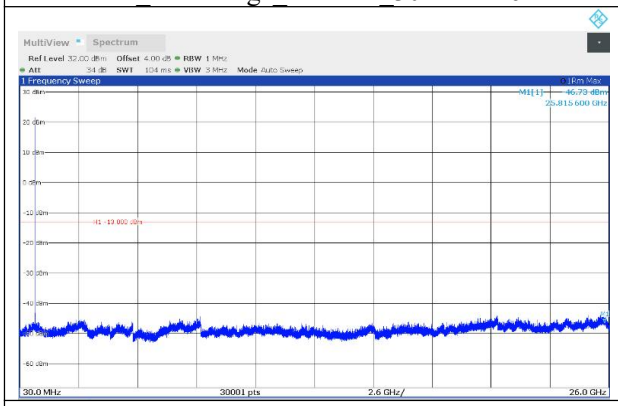
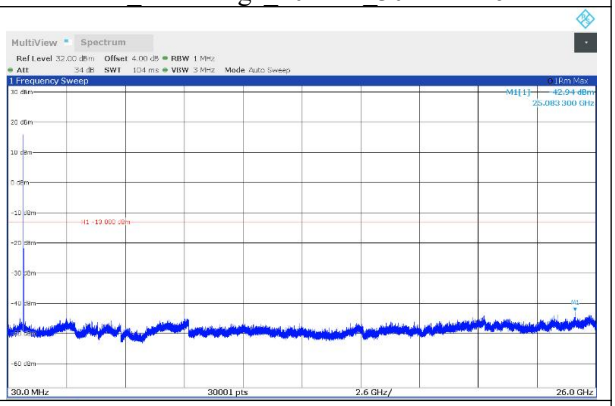
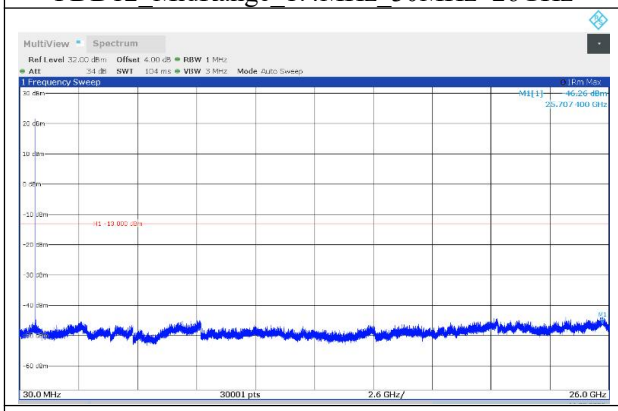
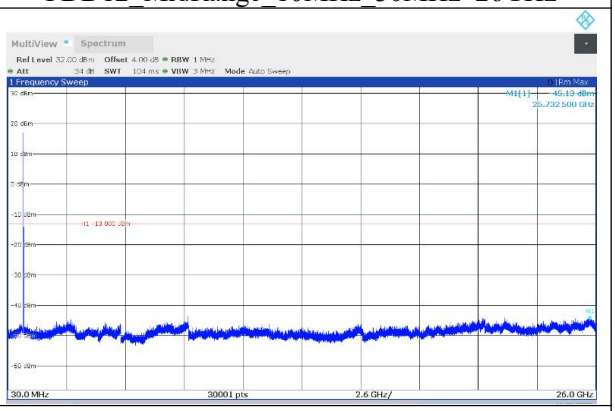
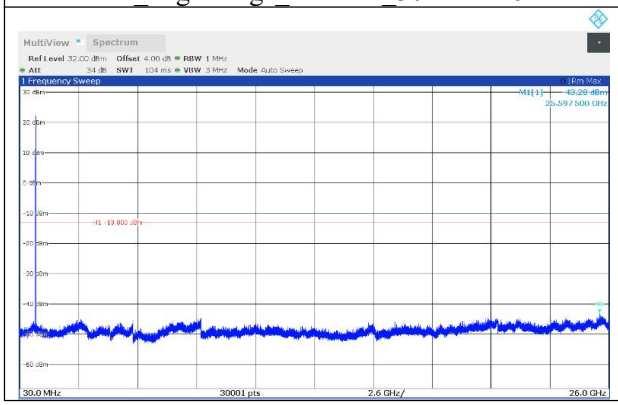
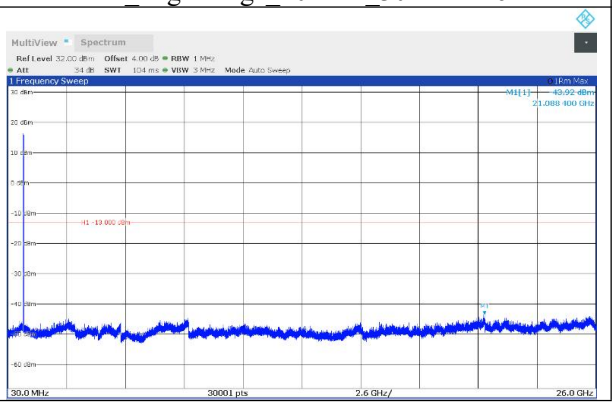
Only the worst mode data is provided

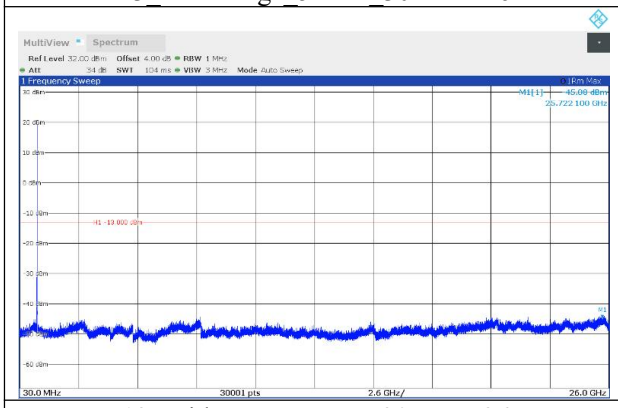
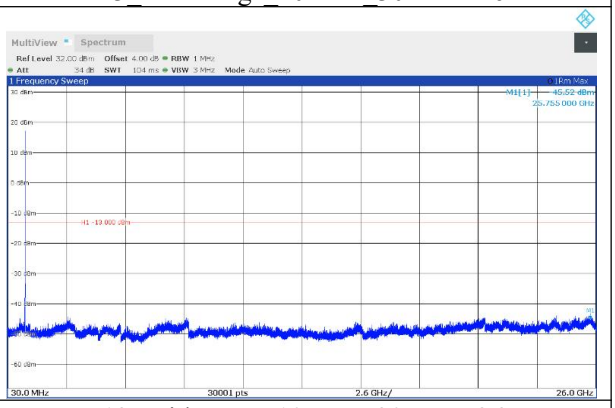
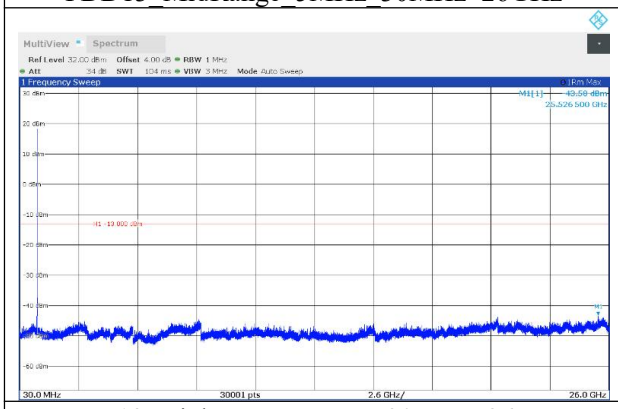
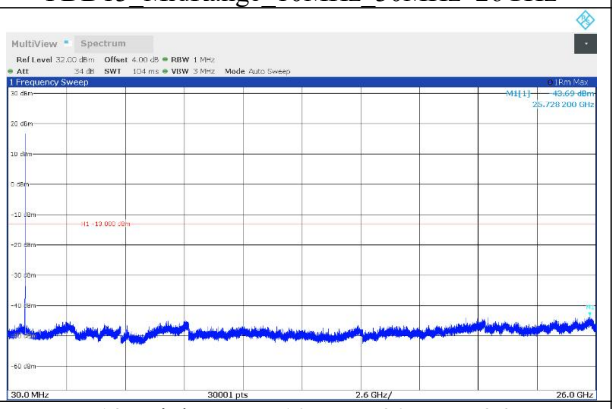
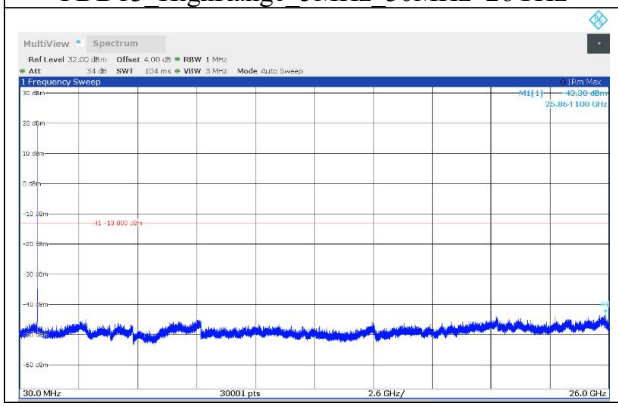
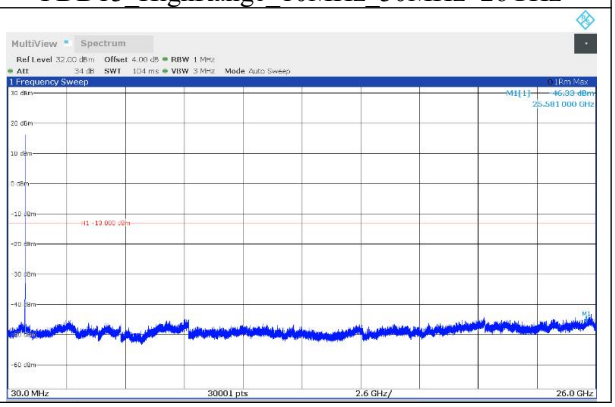
FDD02_LowRange_1.4MHz_30MHz~26GHz	FDD02_LowRange_20MHz_30MHz~26GHz
	
FDD02_MidRange_1.4MHz_30MHz~26GHz	FDD02_MidRange_20MHz_30MHz~26GHz
	
FDD02_HighRange_1.4MHz_30MHz~26GHz	FDD02_HighRange_20MHz_30MHz~26GHz
	

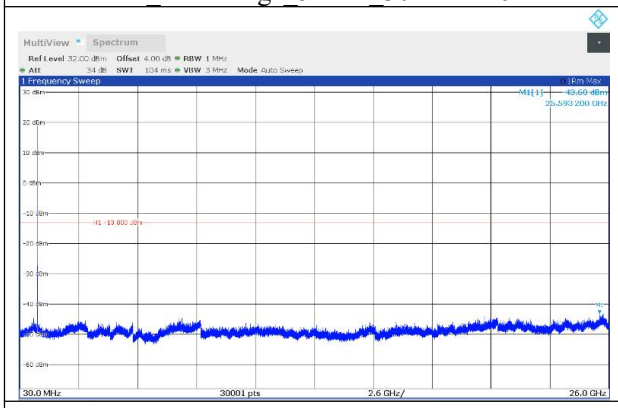
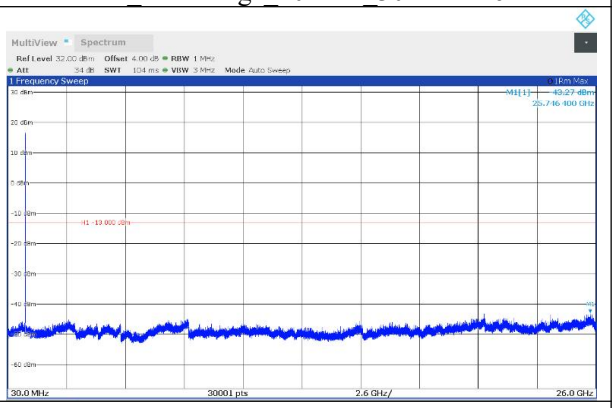
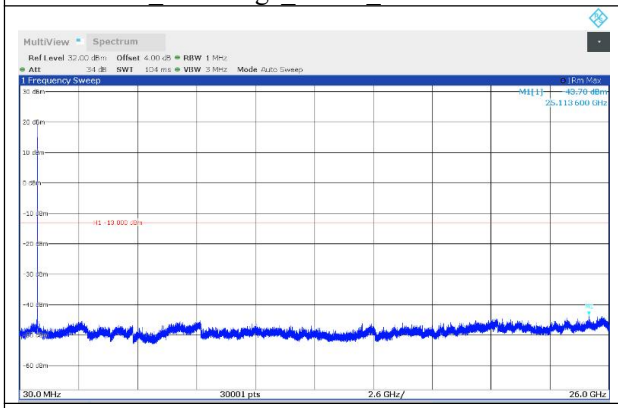
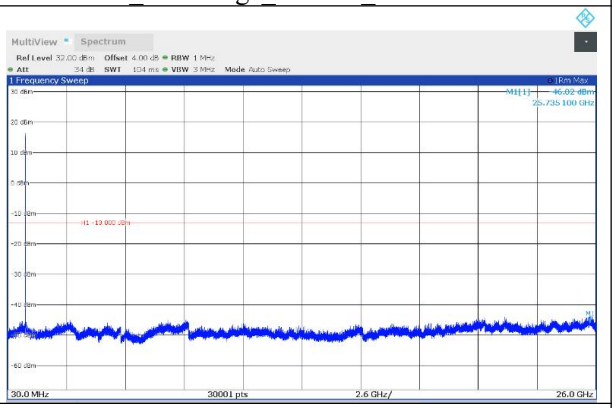
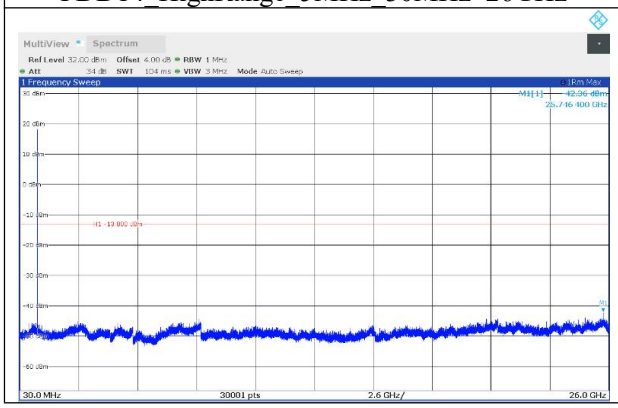
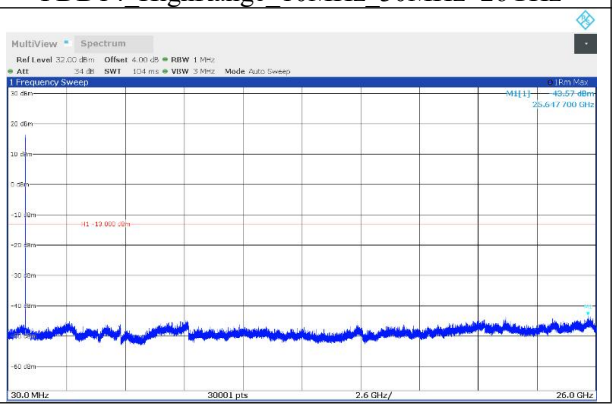
FDD04_LowRange_1.4MHz_30MHz~26GHz	FDD04_LowRange_20MHz_30MHz~26GHz
	
FDD04_MidRange_1.4MHz_30MHz~26GHz	FDD04_MidRange_20MHz_30MHz~26GHz
	
FDD04_HighRange_1.4MHz_30MHz~26GHz	FDD04_HighRange_20MHz_30MHz~26GHz
	

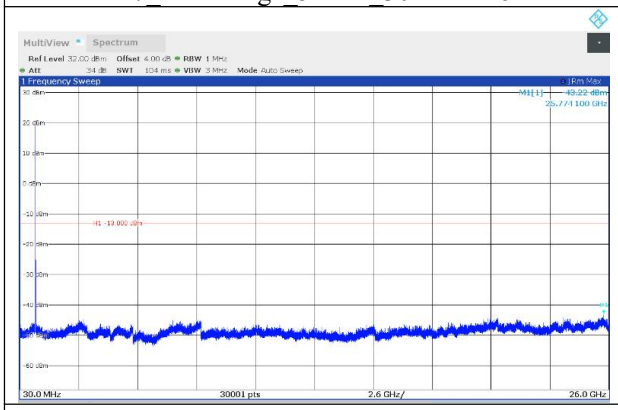
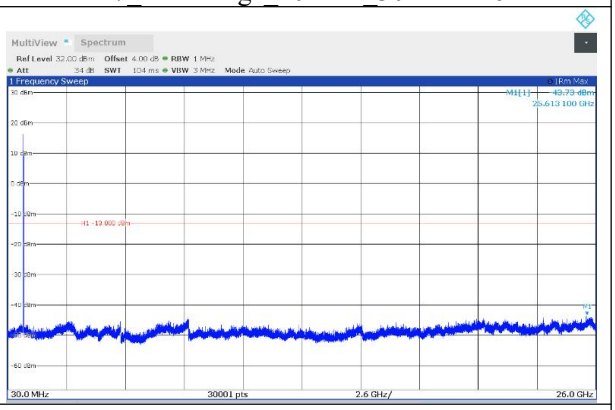
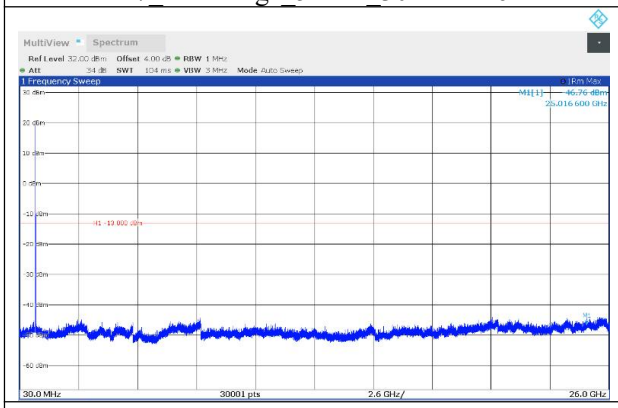
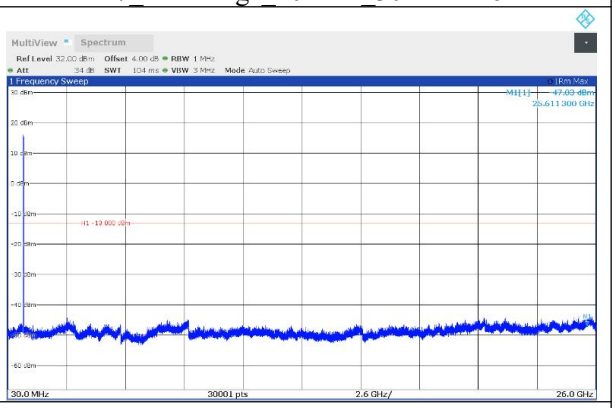
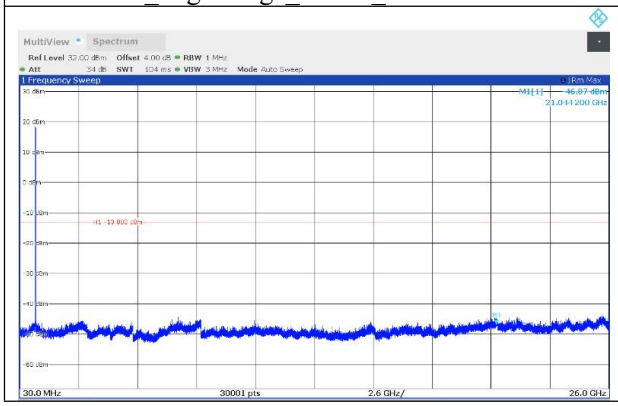
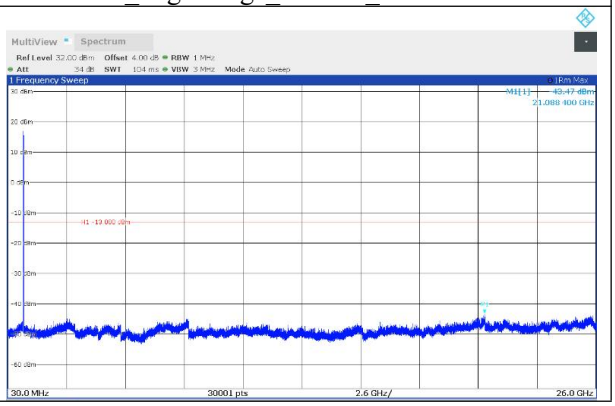
FDD05_LowRange_1.4MHz_30MHz~26GHz	FDD05_LowRange_10MHz_30MHz~26GHz
	
FDD05_MidRange_1.4MHz_30MHz~26GHz	FDD05_MidRange_10MHz_30MHz~26GHz
	
FDD05_HighRange_1.4MHz_30MHz~26GHz	FDD05_HighRange_10MHz_30MHz~26GHz
	

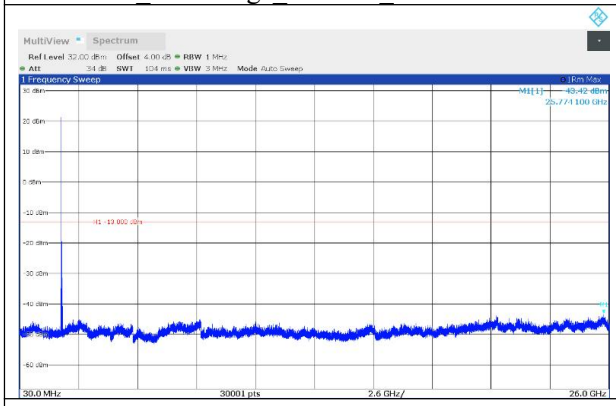
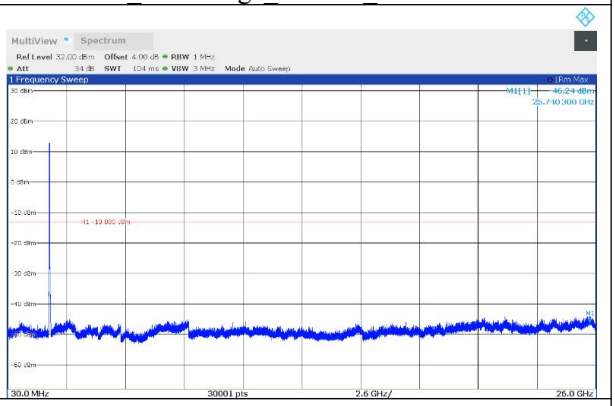
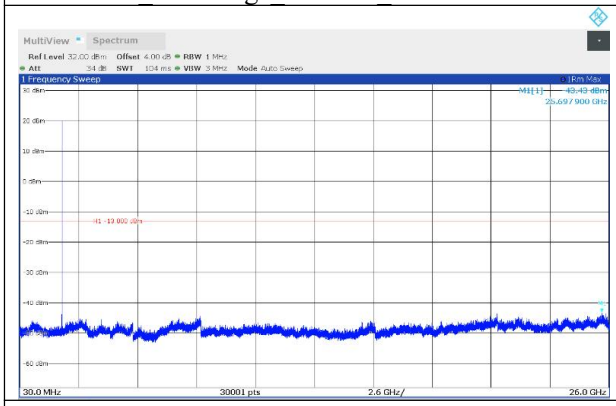
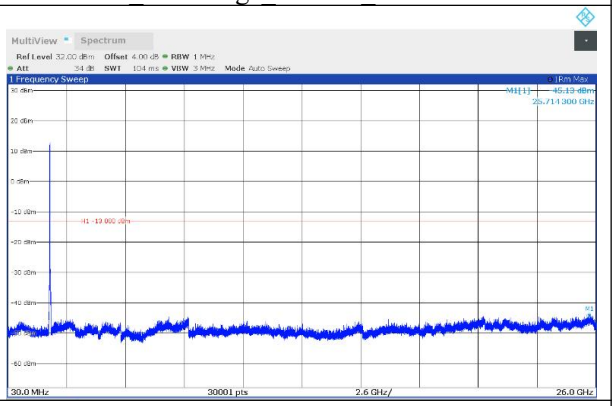
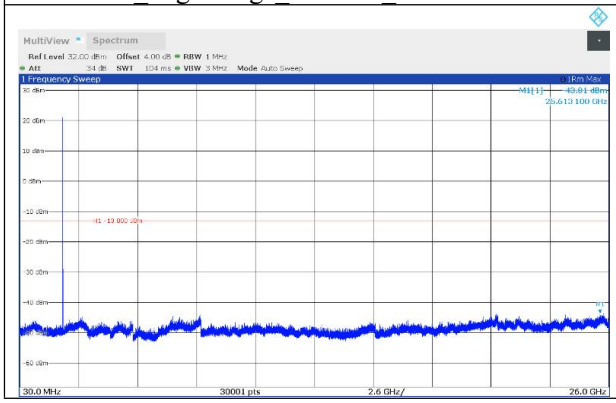
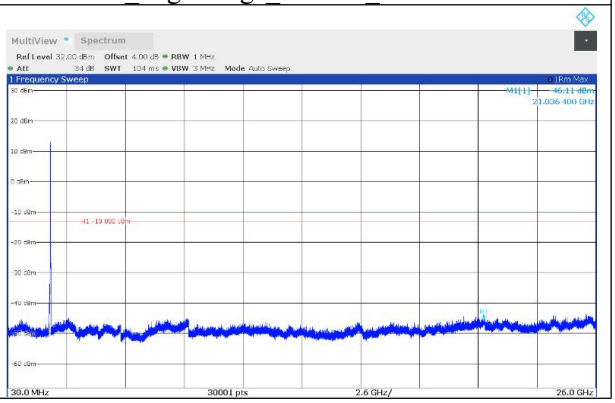
FDD07_LowRange_5MHz_30MHz~26GHz	FDD07_LowRange_20MHz_30MHz~26GHz
	
FDD07_MidRange_5MHz_30MHz~26GHz	FDD07_MidRange_20MHz_30MHz~26GHz
	
FDD07_HighRange_5MHz_30MHz~26GHz	FDD07_HighRange_20MHz_30MHz~26GHz
	

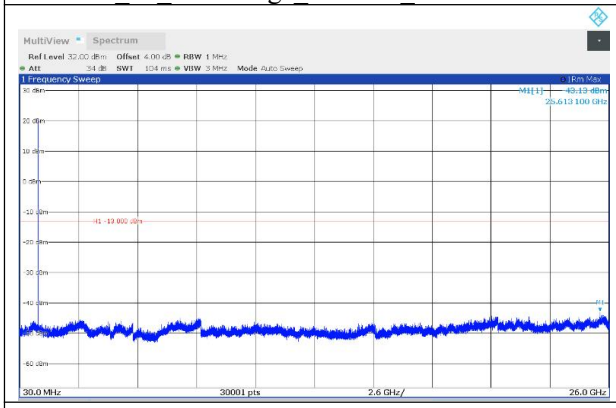
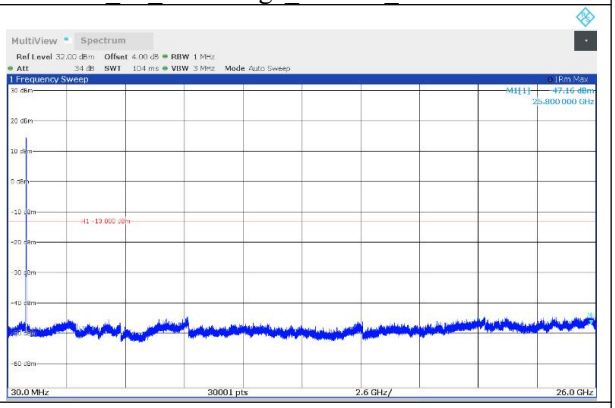
FDD12_LowRange_1.4MHz_30MHz~26GHz	FDD12_LowRange_10MHz_30MHz~26GHz
	
FDD12_MidRange_1.4MHz_30MHz~26GHz	FDD12_MidRange_10MHz_30MHz~26GHz
	
FDD12_HighRange_1.4MHz_30MHz~26GHz	FDD12_HighRange_10MHz_30MHz~26GHz
	

FDD13_LowRange_5MHz_30MHz~26GHz	FDD13_LowRange_10MHz_30MHz~26GHz
	
FDD13_MidRange_5MHz_30MHz~26GHz	FDD13_MidRange_10MHz_30MHz~26GHz
	
FDD13_HighRange_5MHz_30MHz~26GHz	FDD13_HighRange_10MHz_30MHz~26GHz
	

FDD14_LowRange_5MHz_30MHz~26GHz	FDD14_LowRange_10MHz_30MHz~26GHz
	
FDD14_MidRange_5MHz_30MHz~26GHz	FDD14_MidRange_10MHz_30MHz~26GHz
	
FDD14_HighRange_5MHz_30MHz~26GHz	FDD14_HighRange_10MHz_30MHz~26GHz
	

FDD17_LowRange_5MHz_30MHz~26GHz	FDD17_LowRange_10MHz_30MHz~26GHz
	
FDD17_MidRange_5MHz_30MHz~26GHz	FDD17_MidRange_10MHz_30MHz~26GHz
	
FDD17_HighRange_5MHz_30MHz~26GHz	FDD17_HighRange_10MHz_30MHz~26GHz
	

FDD25_LowRange_1.4MHz_30MHz~26GHz	FDD25_LowRange_20MHz_30MHz~26GHz
	
FDD25_MidRange_1.4MHz_30MHz~26GHz	FDD25_MidRange_20MHz_30MHz~26GHz
	
FDD25_HighRange_1.4MHz_30MHz~26GHz	FDD25_HighRange_20MHz_30MHz~26GHz
	

FDD26_22_LowRange_1.4MHz_30MHz~26GHz	FDD26_22_LowRange_15MHz_30MHz~26GHz
	
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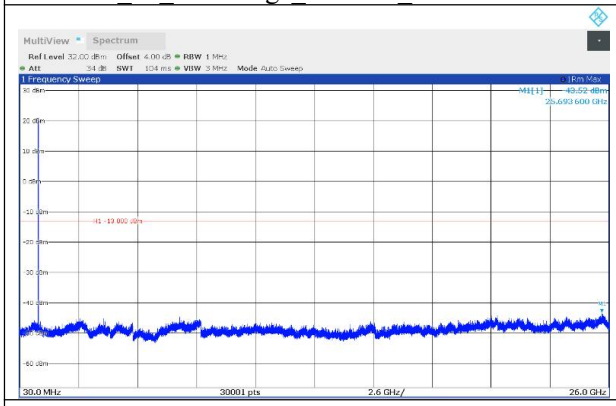	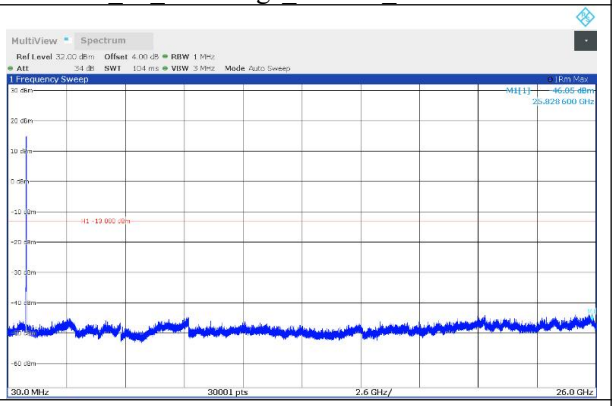
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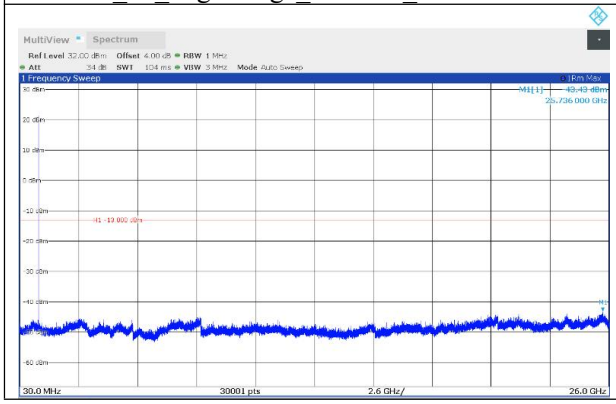	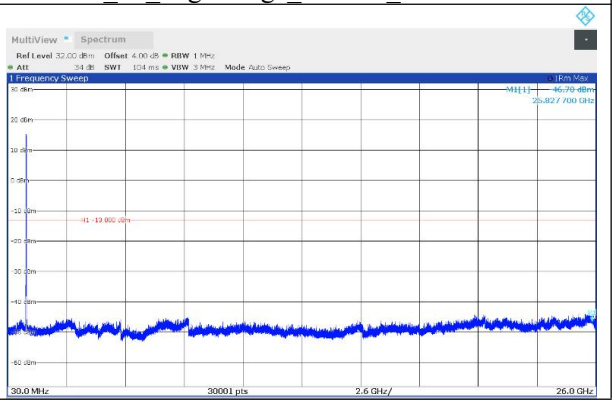

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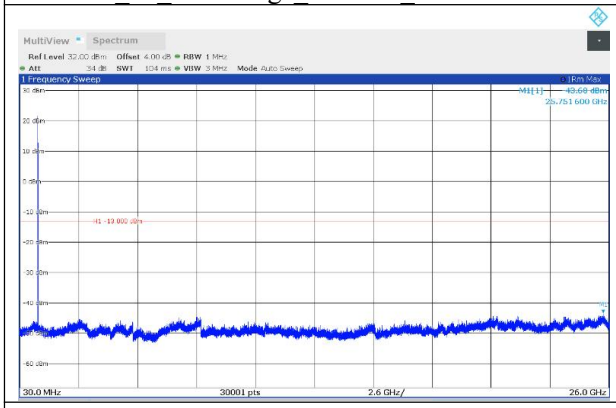	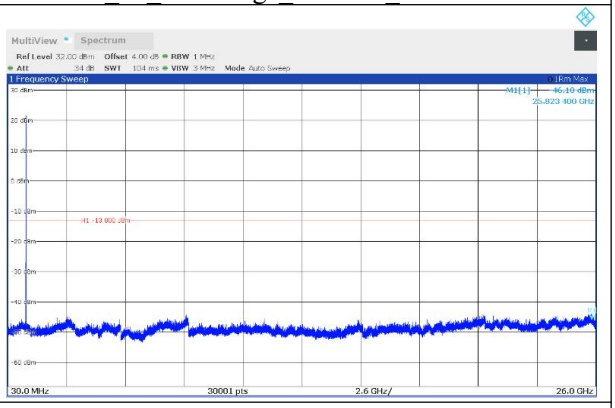
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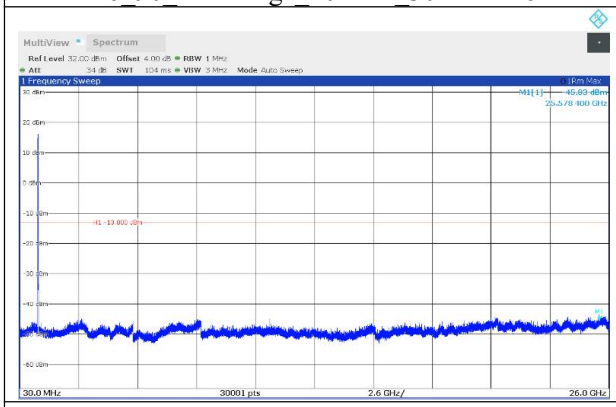	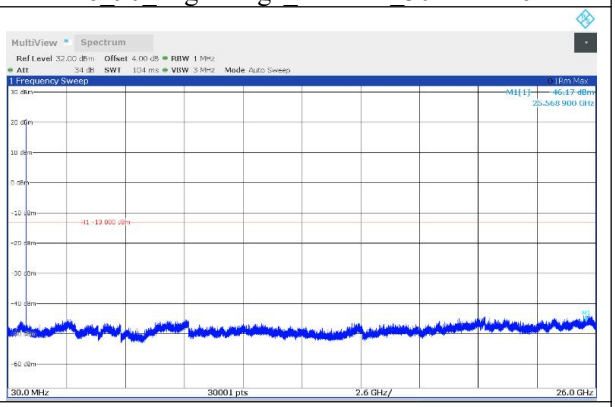
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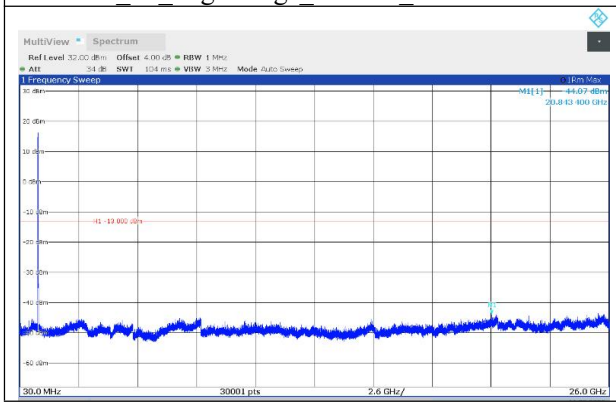	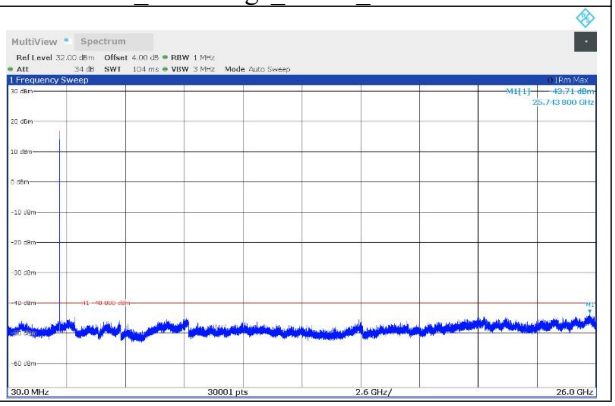

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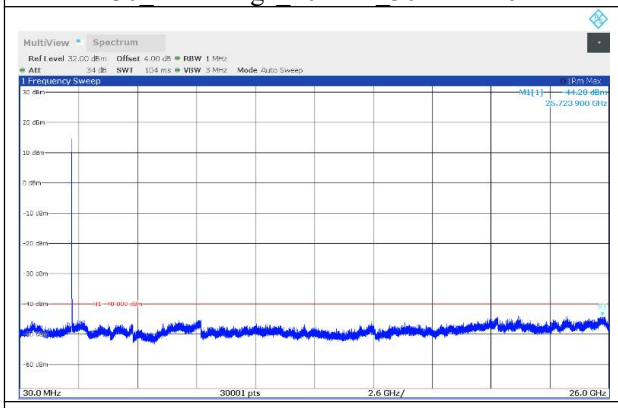
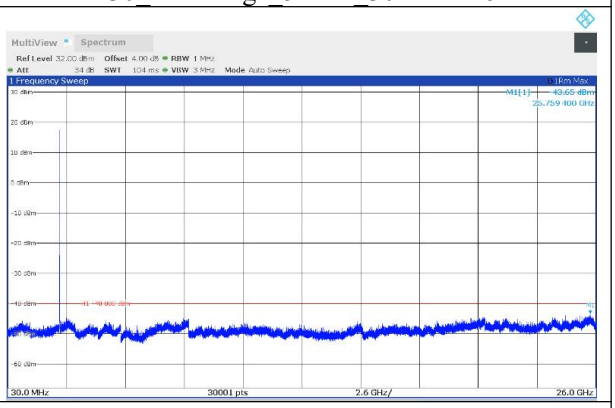
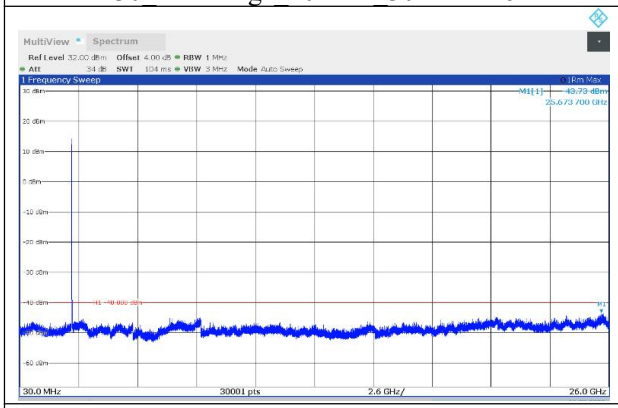
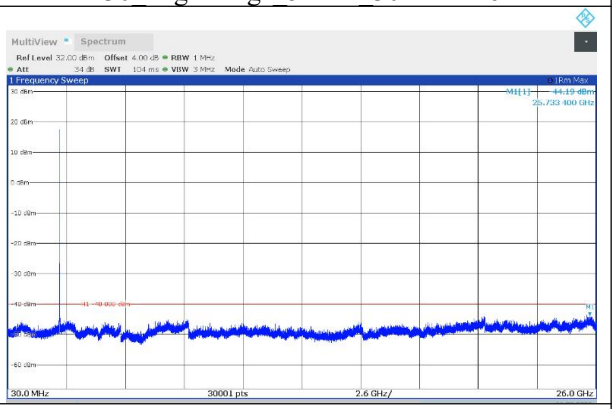
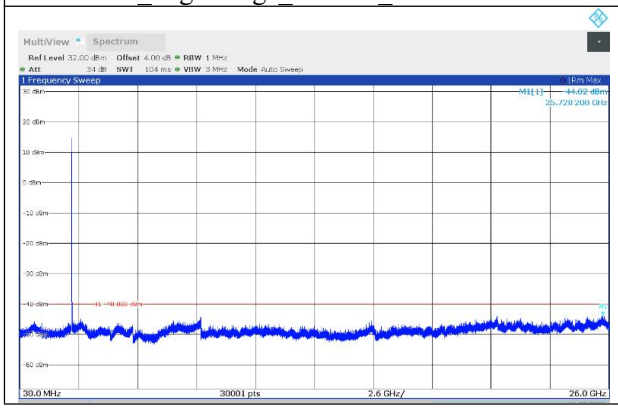
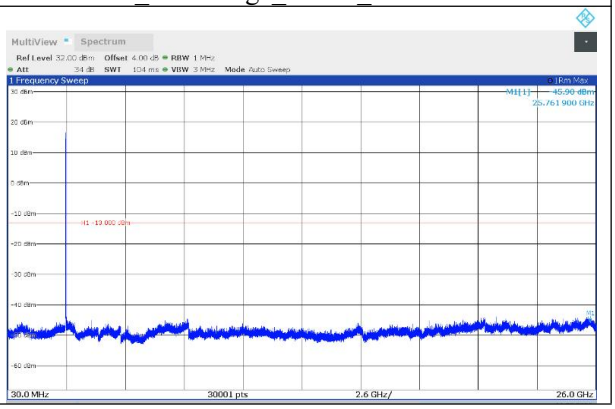
	
FDD30_MidRange_10MHz_30MHz~26GHz	FDD30_HighRange_5MHz_30MHz~26GHz
	
FDD30_HighRange_10MHz_30MHz~26GHz	TDD38_LowRange_5MHz_30MHz~26GHz
	

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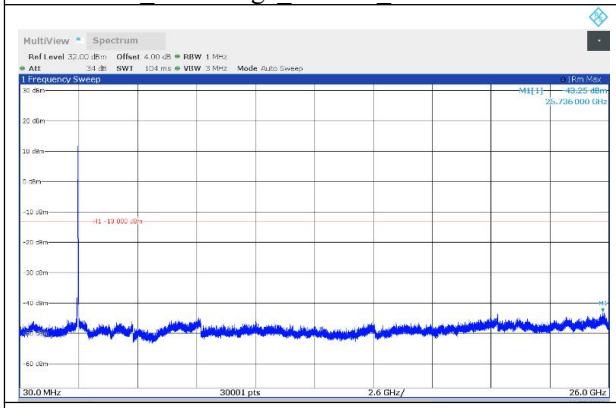
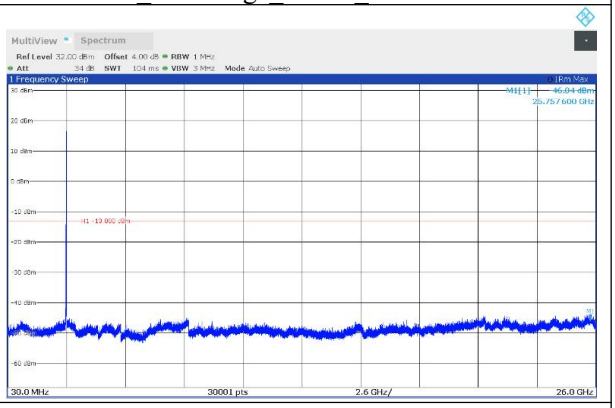
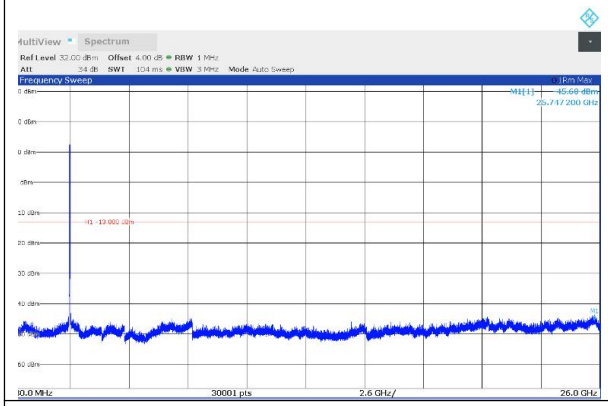
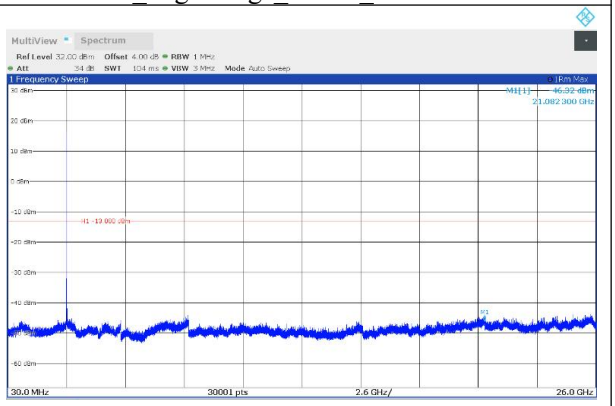
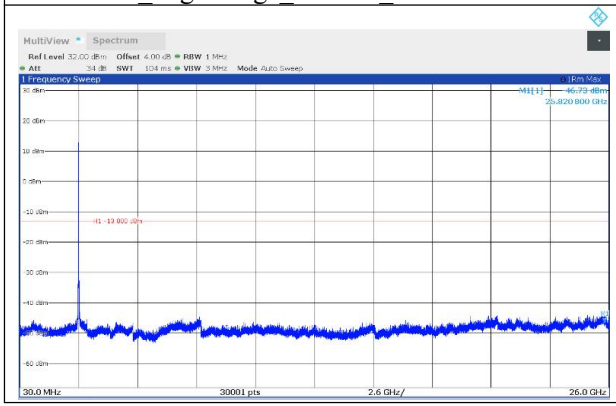
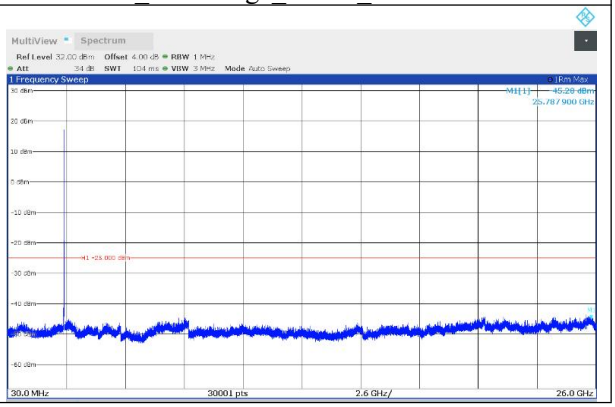
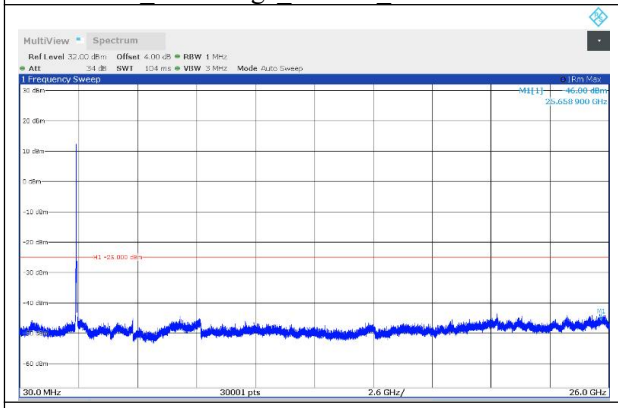
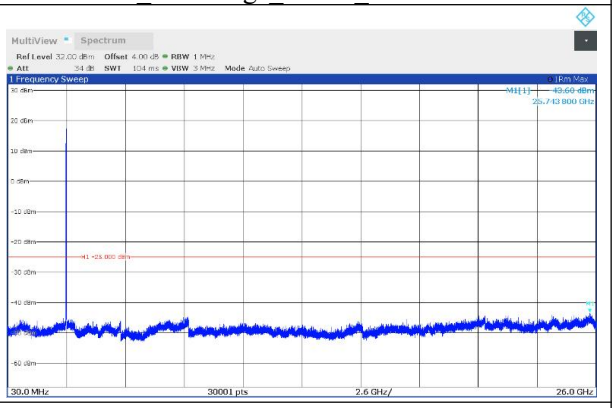
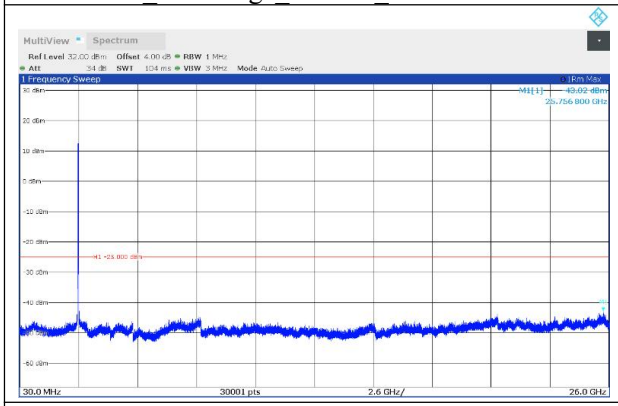
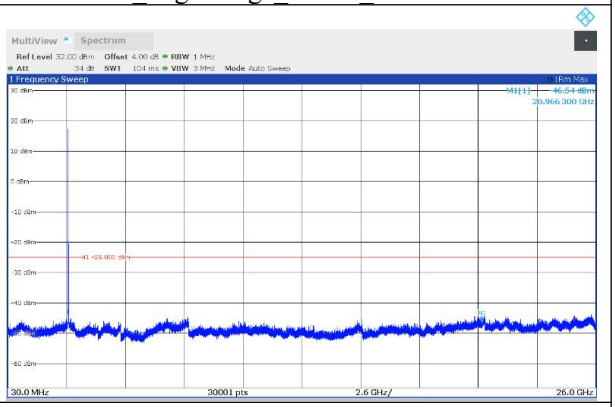
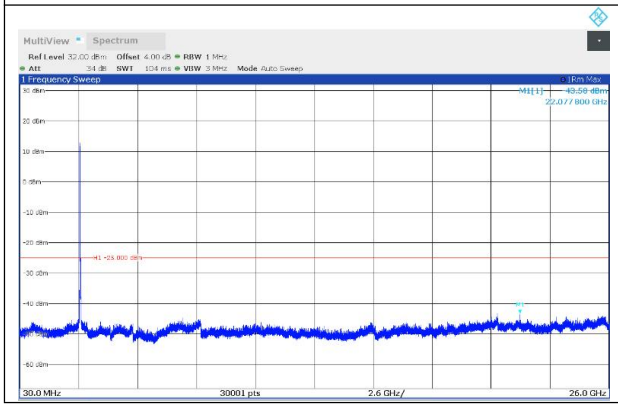
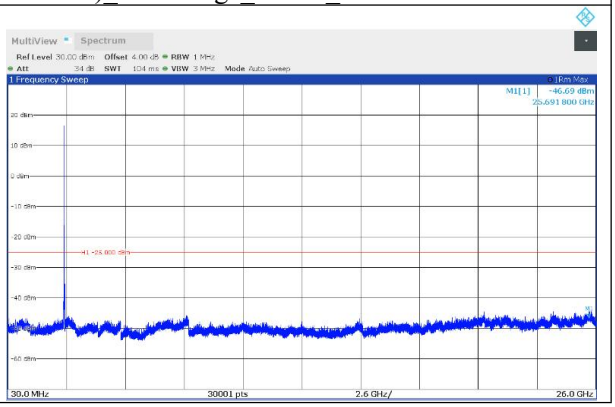
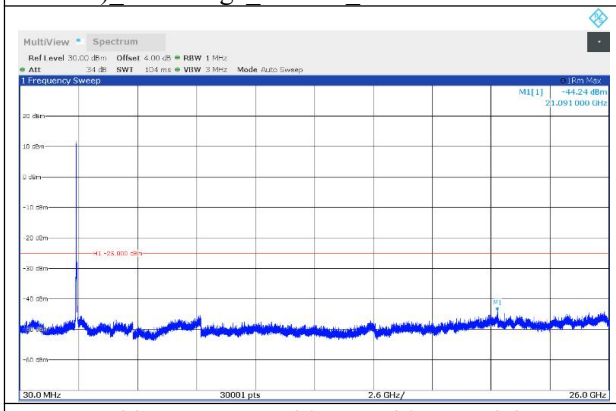
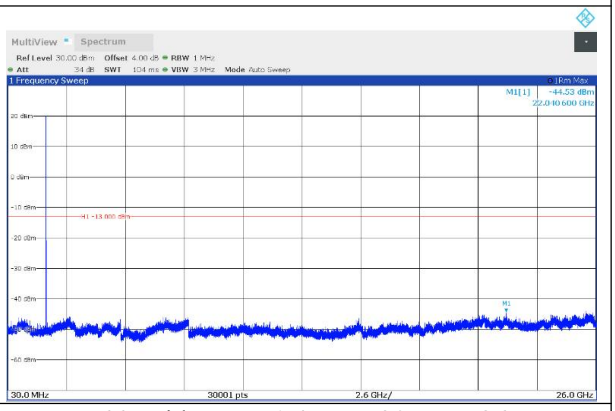
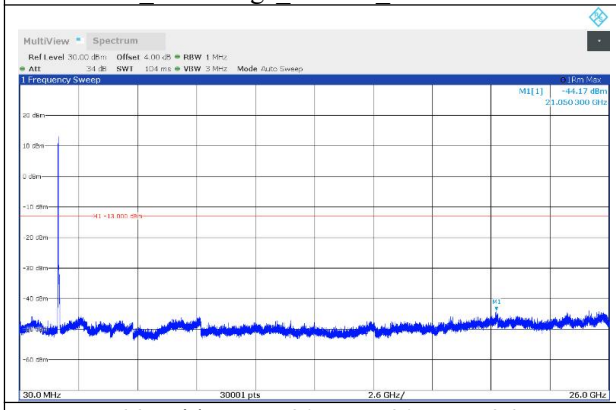
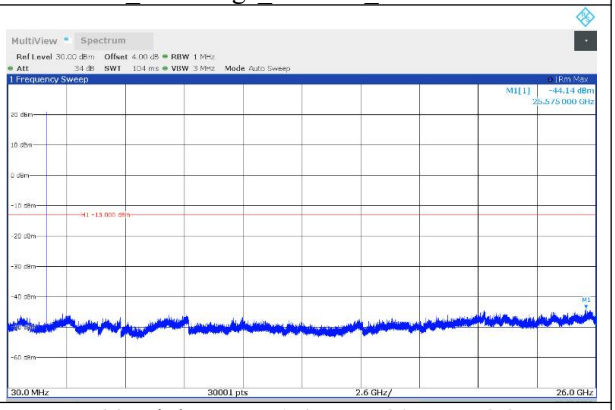
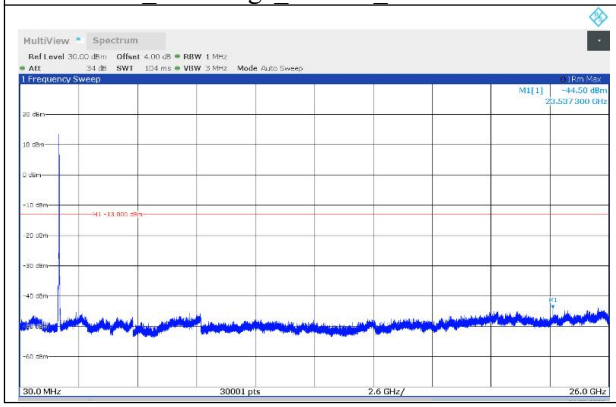
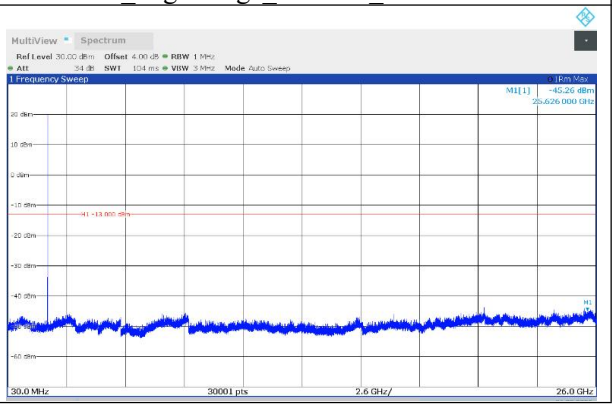
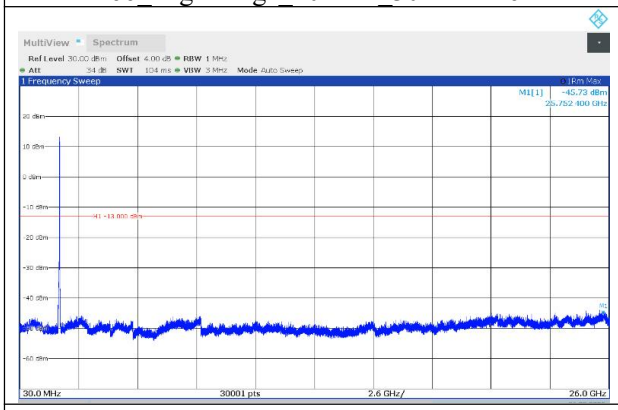
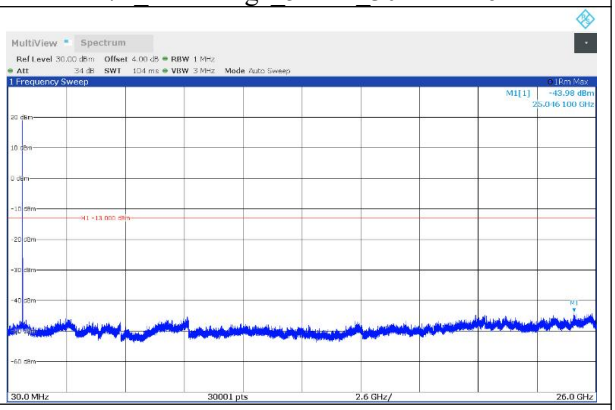
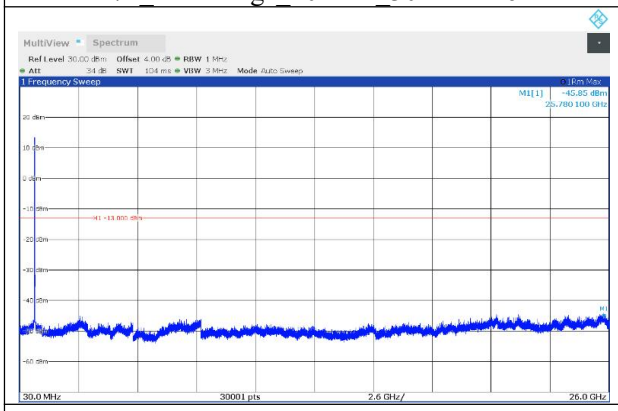
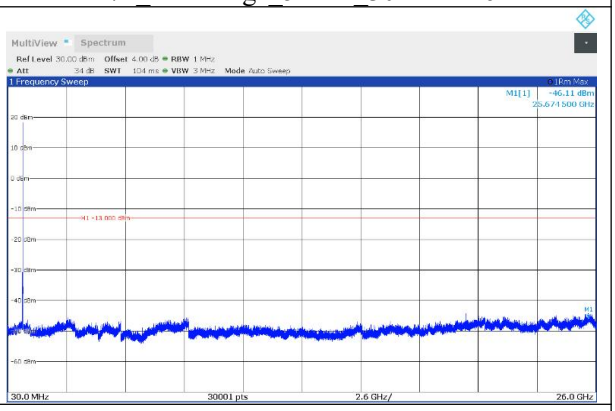
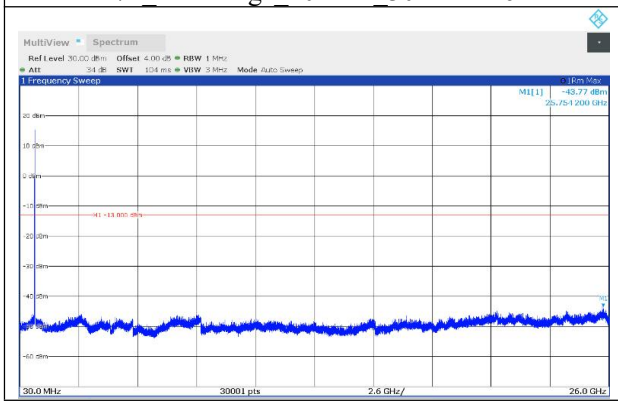
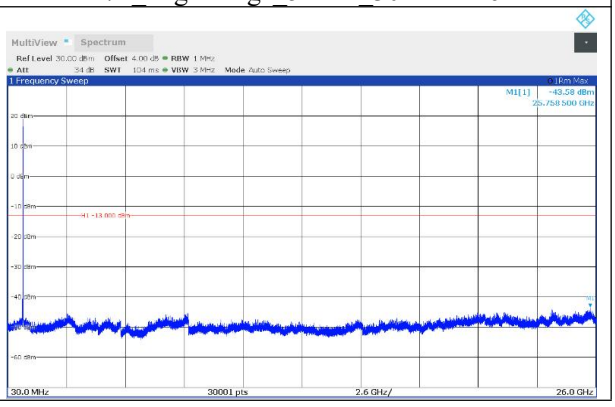
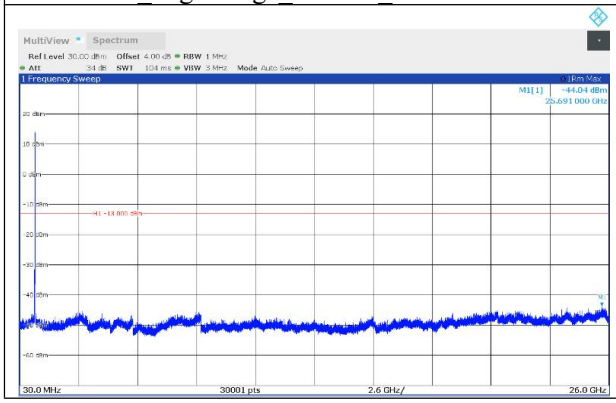
	
TDD38_MidRange_20MHz_30MHz~26GHz	**TDD38_HighRange_5MHz_30MHz~26GHz**
	
TDD38_HighRange_20MHz_30MHz~26GHz	**TDD41_LowRange_5MHz_30MHz~26GHz**
	

TDD41_LowRange_20MHz_30MHz~26GHz	TDD41_MidRange_5MHz_30MHz~26GHz
	
TDD41_MidRange_20MHz_30MHz~26GHz	TDD41_HighRange_5MHz_30MHz~26GHz
	
TDD41_HighRange_20MHz_30MHz~26GHz	TDD41(Note 1)_LowRange_5MHz_30MHz~26GHz
	

TDD41(Note 1)_LowRange_20MHz_30MHz~26GHz	FDD66_LowRange_1.4MHz_30MHz~26GHz
	
FDD66_LowRange_20MHz_30MHz~26GHz	FDD66_MidRange_1.4MHz_30MHz~26GHz
	
FDD66_MidRange_20MHz_30MHz~26GHz	FDD66_HighRange_1.4MHz_30MHz~26GHz
	

FDD66_HighRange_20MHz_30MHz~26GHz	FDD71_LowRange_5MHz_30MHz~26GHz
	
FDD71_LowRange_20MHz_30MHz~26GHz	FDD71_MidRange_5MHz_30MHz~26GHz
	
FDD71_MidRange_20MHz_30MHz~26GHz	FDD71_HighRange_5MHz_30MHz~26GHz
	

FDD71_HighRange_20MHz_30MHz~26GHz	/
	/

Note: peak above the limit line is the carrier frequency.

6.7. Band Edge Compliance

Specifications:	FCC Part 22.917(a)/24.238(a)/27.53(a)/27.53(c)(2)/ 27.53(f)/27.53(g)/27.53(m)/27.53(h)/ 90.691/90.543(e)/90.543(f) RSS 130 4.7,RSS-132 5.5/RSS-133 5.6, RSS-139 5.6,RSS 140 4.4,RSS-195 5.6, RSS-199 5.6
DUT Serial Number:	25B02W000004#S2
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-70% Air pressure: 86-106kPa
Test Results:	Pass

6.7.1. Measurement Limit

FCC §22.917(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC §24.238(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC§27.53(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

FCC§90.691 Emission mask requirements for EA-based systems.

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

FCC §27.53(c)

For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 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;

(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;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(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;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC §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.

FCC §27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less

that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC §27.53(h):

AWS emission limits —

(1) General protection levels. Except as otherwise specified below, for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

(2) Additional protection levels. Notwithstanding the foregoing paragraph (h)(1) of this section:

(i) Operations in the 2180–2200 MHz band are subject to the out-of-band emission requirements set forth in § 27.1134 for the protection of federal government operations operating in the 2200–2290 MHz band.

(ii) For operations in the 2000–2020 MHz band, the power of any emissions below 2000 MHz shall be attenuated below the transmitter power (P) in watts by at least 70 + 10 log10(P) dB.

(iii) For operations in the 1915–1920 MHz band, the power of any emission between 1930–1995 MHz shall be attenuated below the transmitter power (P) in watts by at least 70 + 10 log10(P) dB.

(iv) For operations in the 1995–2000 MHz band, the power of any emission between 2005–2020 MHz shall be attenuated below the transmitter power (P) in watts by at least 70 + 10 log10(P) dB.

FCC §27.50(c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

FCC §27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC§90.543(e):

For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

FCC§90.543(f) For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics 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.

RSS-133 5.6,RSS-199 5.6:

Unwanted emissions shall be measured in terms of average values while the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen.

Equipment shall meet the unwanted emission limits, specified in table 3, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one located as close as possible to the high end of the equipment’s operating frequency range.

For the unwanted emission limits, in the 1 MHz bands immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth (OBW). Beyond these 1 MHz bands, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth may be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% of the OBW, as applicable.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the table.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
≤ 1	-13 dBm/(1% of OBW)
> 1	-13 dBm/MHz

RSS-139 5.6

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
1 MHz	-13 dBm/(1% of OB*)
>1 MHz	-13 dBm/MHz

RSS-132 5.5

Equipment shall meet the unwanted emission limits specified below:

iii. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated below the transmitter output power P (dBW) by at least 43 + 10 log(p) dB.

iv. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated below the transmitter output power P (dBW) by at least 43 + 10 log(p) dB. If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

p is the output power specified in watts.

RSS 130 4.7:

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

c. the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
   i. 76 + 10 $\log_{10}$ p (watts), dB, for base and fixed equipment and
   ii. 65 + 10 $\log_{10}$ p (watts), dB, for mobile and portable equipment

d. the e.i.r.p. in the band 1559-1610 MHz shall not exceed −70 dBW/MHz for wideband signal and −80 dBW for discrete emission with bandwidth less than 700 Hz.

RSS 140 4.4:

The power of any unwanted emission outsidethe bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitteroutput power P in dBW as follows, where p is the transmitter output power in watts:

c. For any frequency between 769-775 MHz and 799-806 MHz:
   i. 76 + 10 log (p), dB in a 6.25 kHz band for fixed and base station equipment
   ii. 65 + 10 log (p), dB in a 6.25 kHz band for mobile and portable/hand-held equipment

d. For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: 43 + 10 log (p), dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

In addition, the equivalent isotropically radiated power (e.i.r.p.) of all emissions, including harmonics in the band 1559-1610 MHz, shall not exceed −70 dBW/MHz for wideband emissions, and −80 dBW/kHz for discrete emissions ofless than 700 Hz bandwidth.

RSS 195 5.6:

The transmitter unwanted emissions shall be measured with a resolution bandwidth of 1 MHz.A smaller resolution bandwidth is permitted provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz. However, in the 1 MHz bands immediately adjacent to the edges of the frequency range(s) in which the equipment is allowed to operate, a resolution bandwidth of as close as possible to, without being less than 1% of the occupied bandwidth, shall be employed provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz.

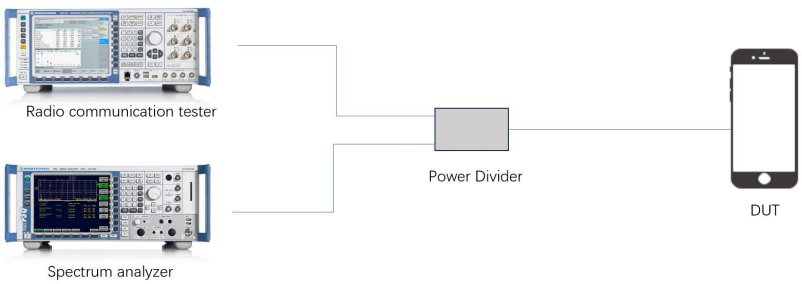
Mobile, Portable and Low-Power Fixed Subscriber Equipment:

Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equipment	
Frequency (MHz)	Attenuation (dB)
<2200	43 + 10 log10(p)
2200 - 2288	70 + 10 log10(p)
2288 - 2292	67 + 10 log10(p)
2292 - 2296	61 + 10 log10(p)
2296 - 2300	55 + 10 log10(p)
2300 - 2305	43 + 10 log10(p)
2305 - 2320	43 + 10 log10(p) Note
2320 - 2324	55 + 10 log10(p)
2324 - 2328	61 + 10 log10(p)
2328 - 2337	67 + 10 log10(p)
2337 - 2341	61 + 10 log10(p)
2341 - 2345	55 + 10 log10(p)
2345 - 2360	43 + 10 log10(p) Note
2360 - 2365	43 + 10 log10(p)
2365 - 2395	70 + 10 log10(p)
>2395	43 + 10 log10(p)
Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See RSS 195 5.2 for the permitted frequency ranges for various equipment types.	

6.7.2. Measurement Uncertainty

Expanded Uncertainty	1.32 dB (k=2)

6.7.3. Test Setup



6.7.4. Measurement result

Band 2 (Only the worst mode data is provided)

Band	Range	BandWidth(MHz)	Modulation	RbMode
FDD02	LowRange	20	QPSK	1RB_LowRange
FDD02	LowRange	20	QPSK	FullRB_LowRange
FDD02	LowRange	1.4	QPSK	1RB_LowRange
FDD02	LowRange	1.4	QPSK	FullRB_LowRange
FDD02	HighRange	20	QPSK	1RB_HighRange
FDD02	HighRange	20	QPSK	FullRB_HighRange
FDD02	HighRange	1.4	QPSK	1RB_HighRange
FDD02	HighRange	1.4	QPSK	FullRB_HighRange

FDD02LowRange_20MHz_QPSK_1RB_LowRange	FDD02LowRange_20MHz_QPSK_FullRB_LowRange