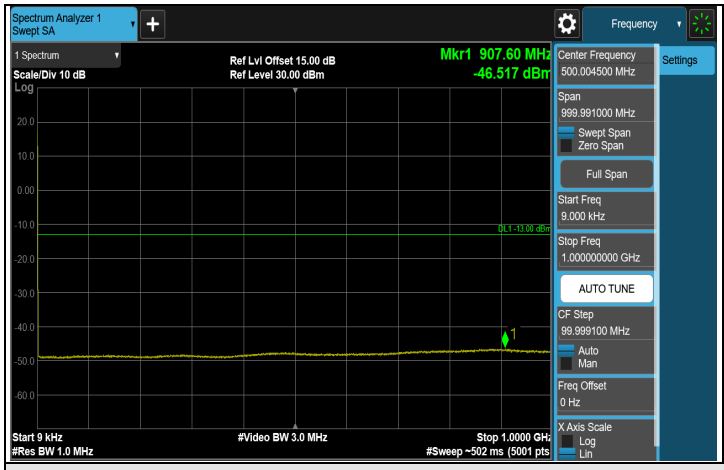
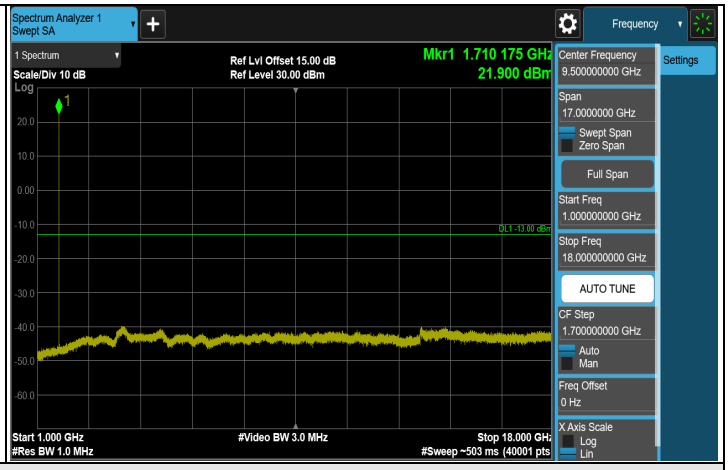
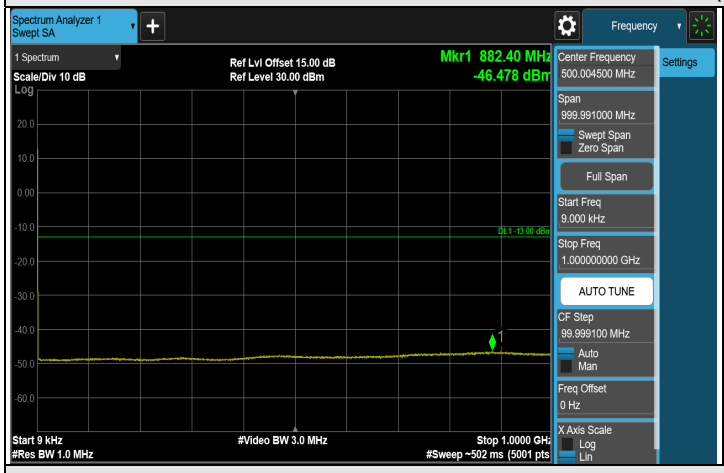
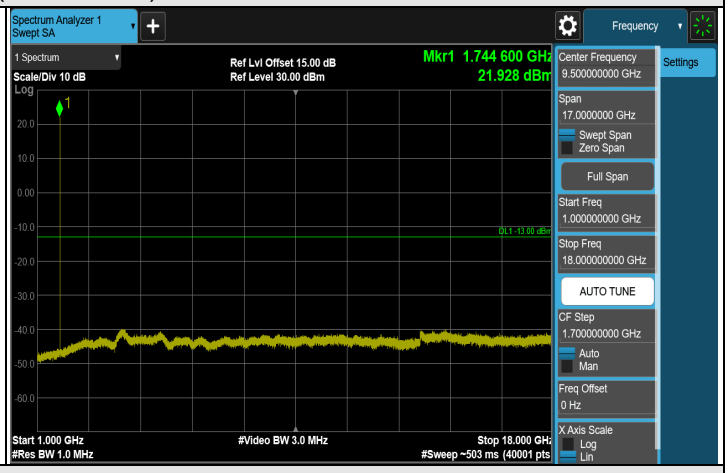
LTE Band 66, Channel Bandwidth: 1.4 MHz



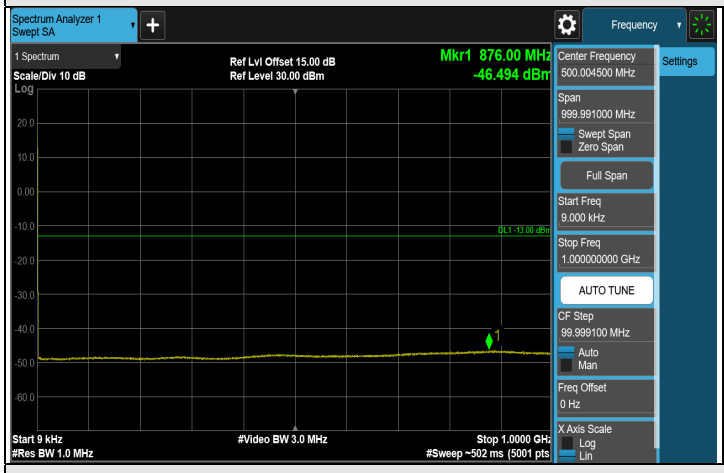


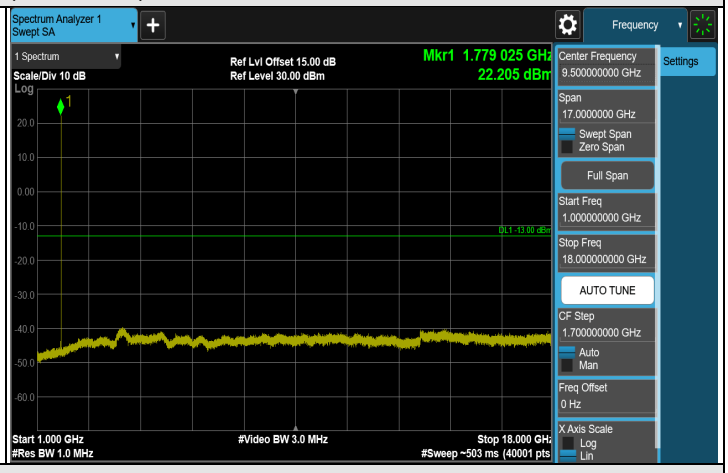
CH 131979 (1710.7 MHz)





CH 132322 (1745 MHz)

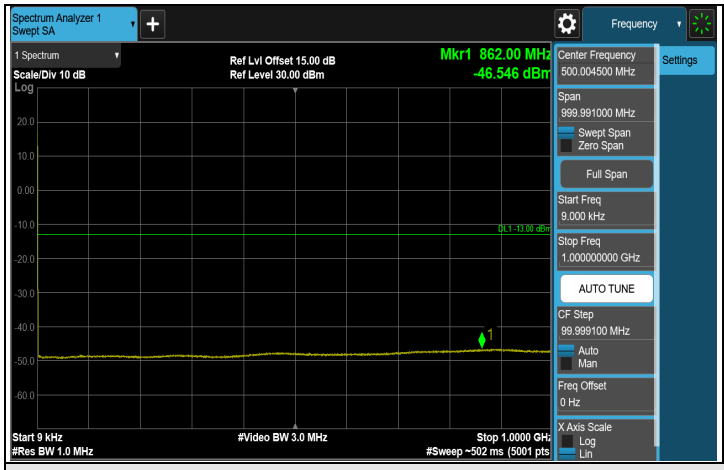


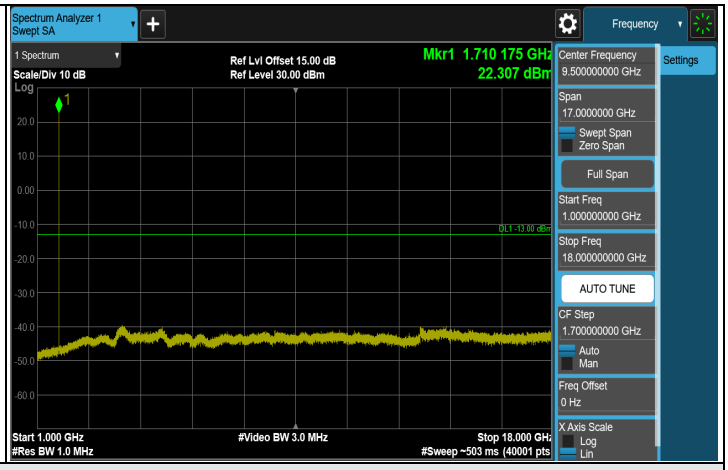


CH 132665 (1779.3 MHz)

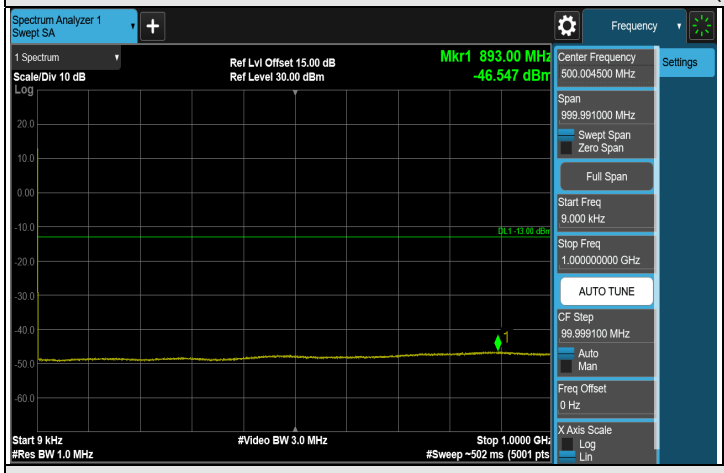
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

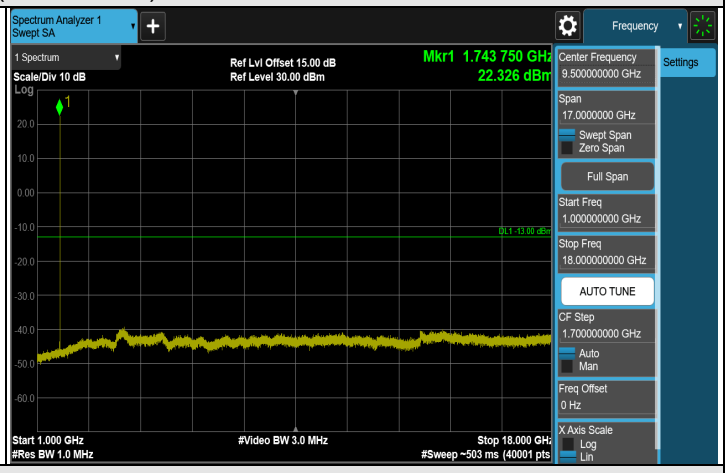
LTE Band 66, Channel Bandwidth: 3 MHz



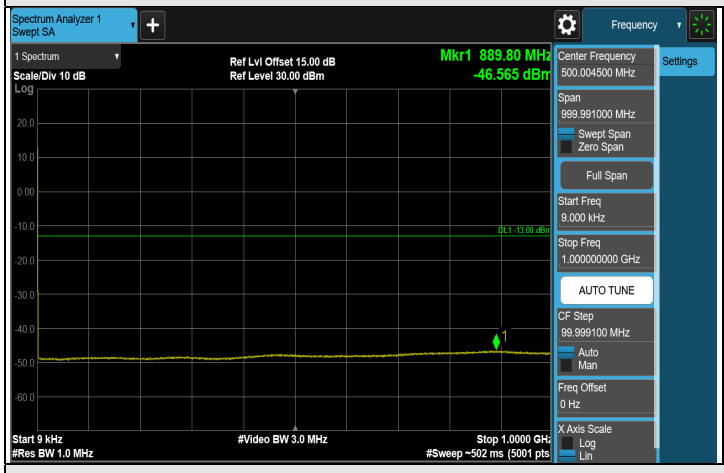


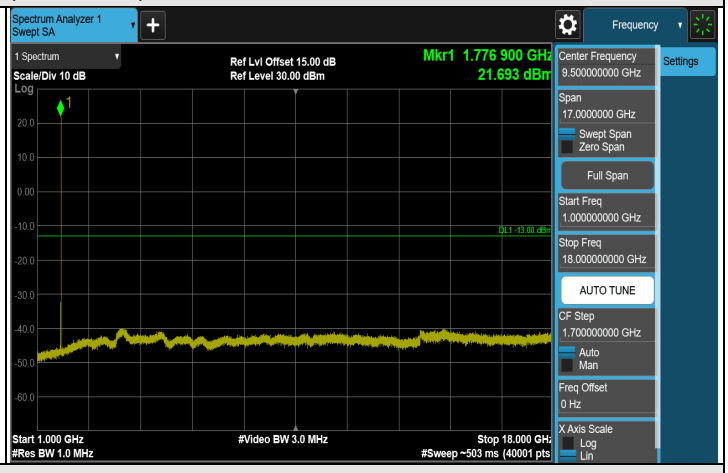
CH 131987 (1711.5 MHz)





CH 132322 (1745 MHz)

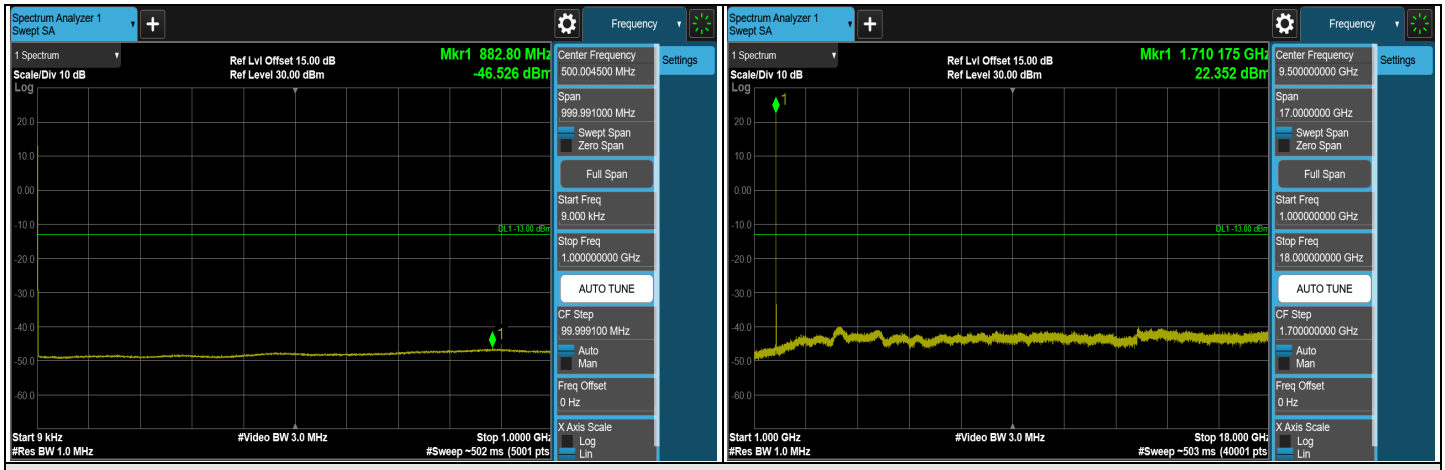




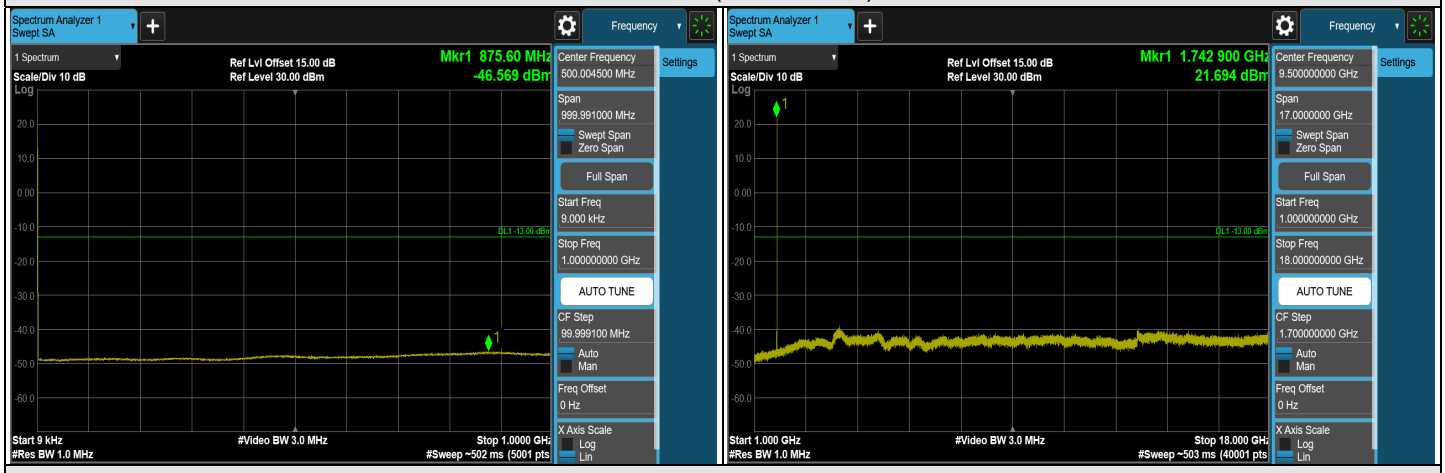
CH 132657 (1778.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

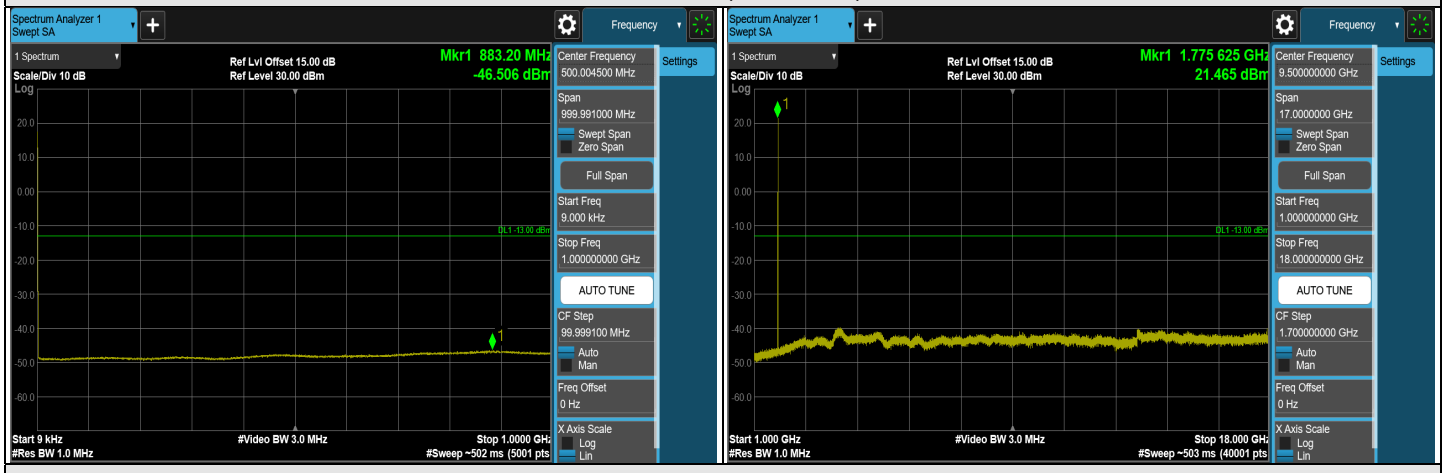
LTE Band 66, Channel Bandwidth: 5 MHz



CH 131997 (1712.5 MHz)



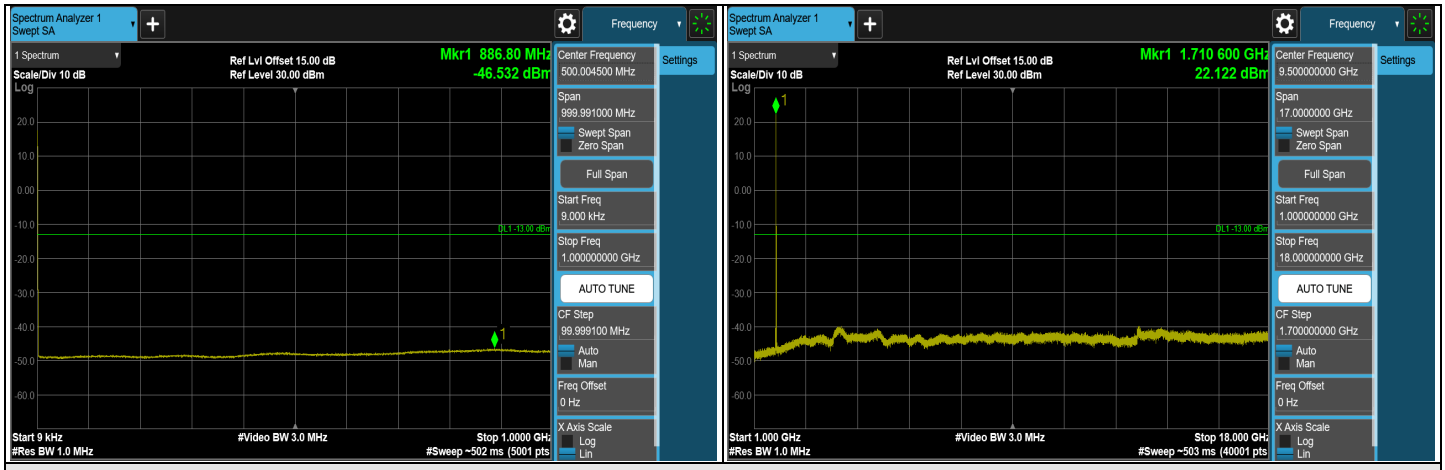
CH 132322 (1745 MHz)



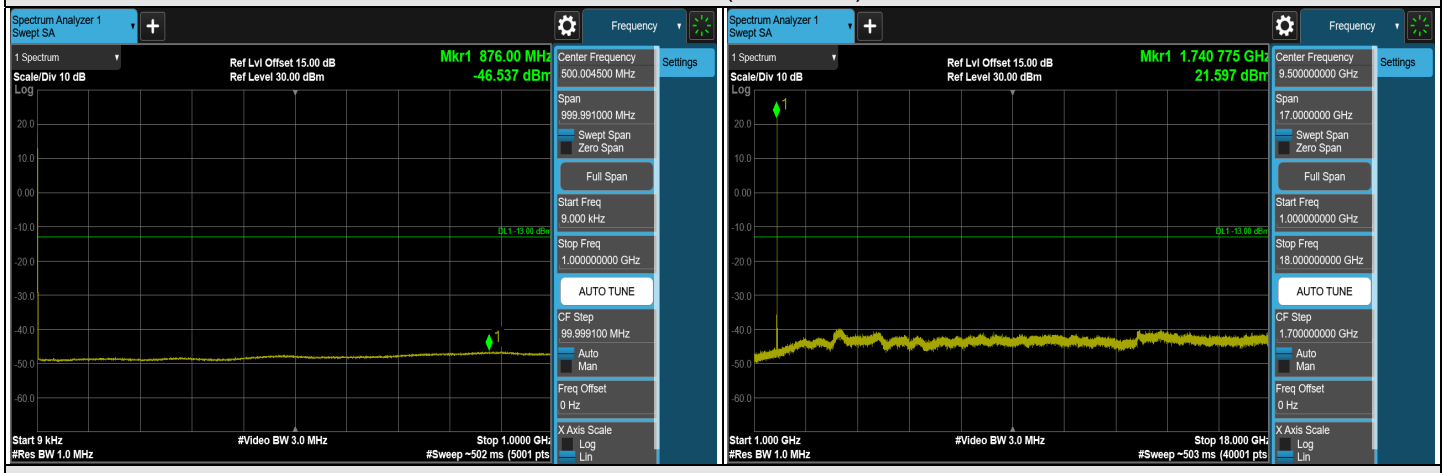
CH 132647 (1777.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

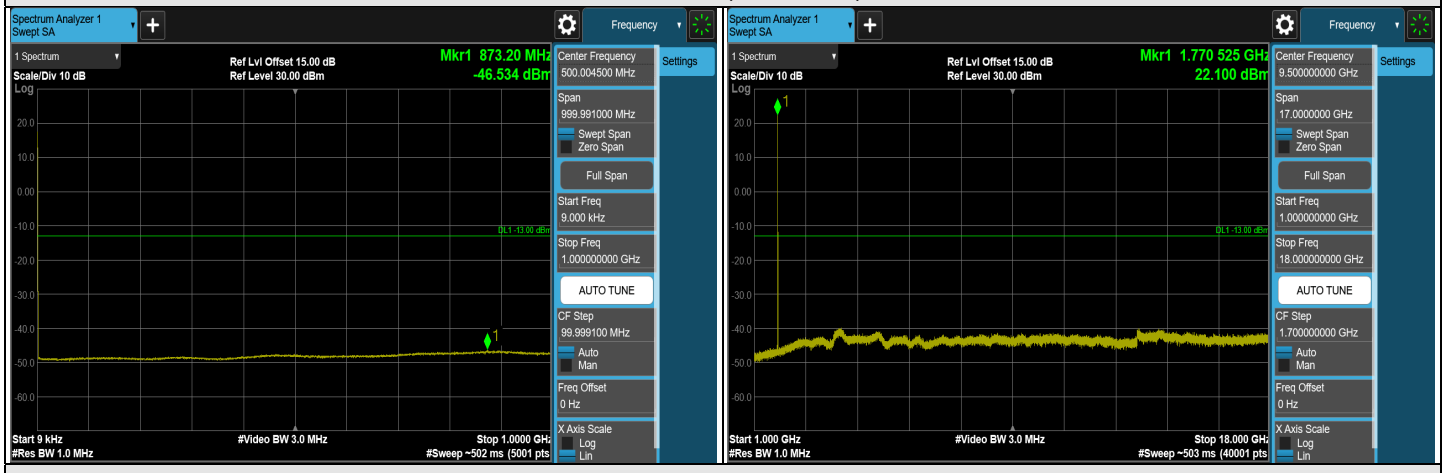
LTE Band 66, Channel Bandwidth: 10 MHz



CH 132022 (1715 MHz)



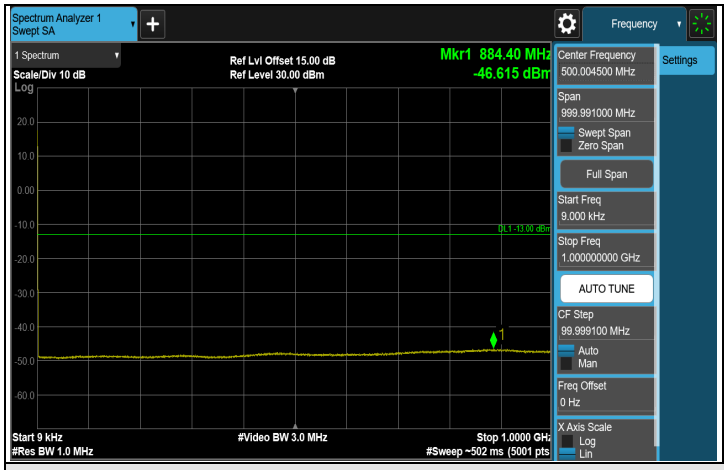
CH 132322 (1745 MHz)



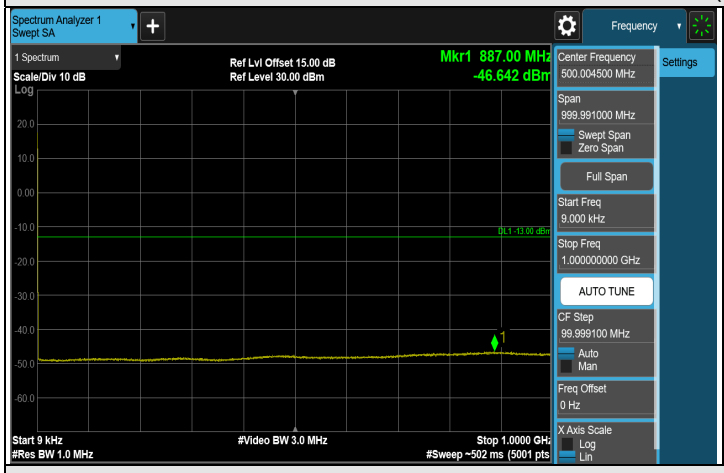
CH 132622 (1775 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

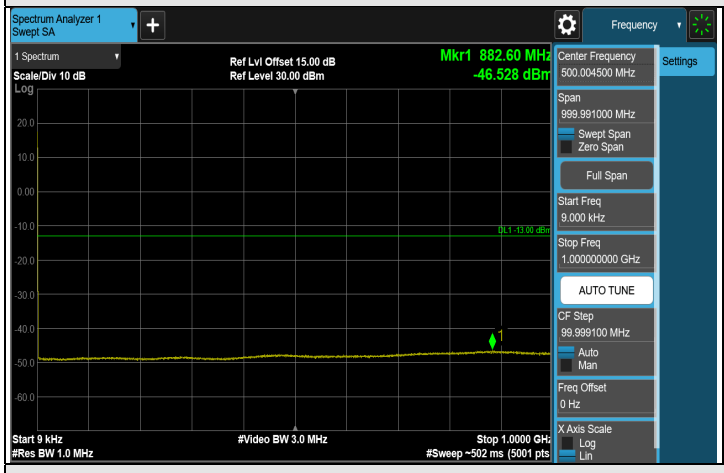
LTE Band 66, Channel Bandwidth: 15 MHz



CH 132047 (1717.5 MHz)



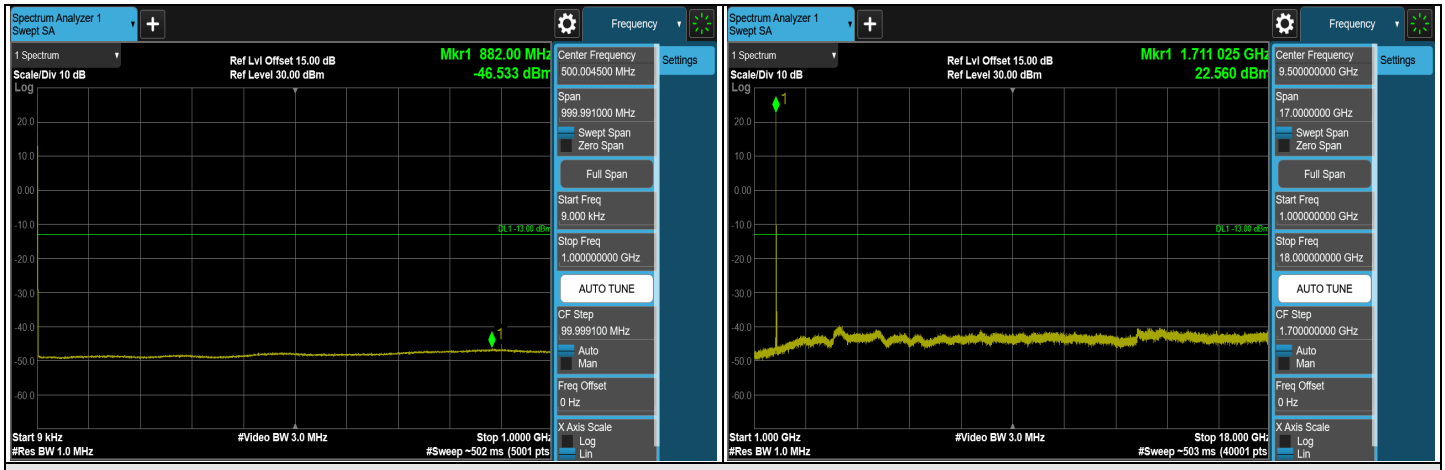
CH 132322 (1745 MHz)



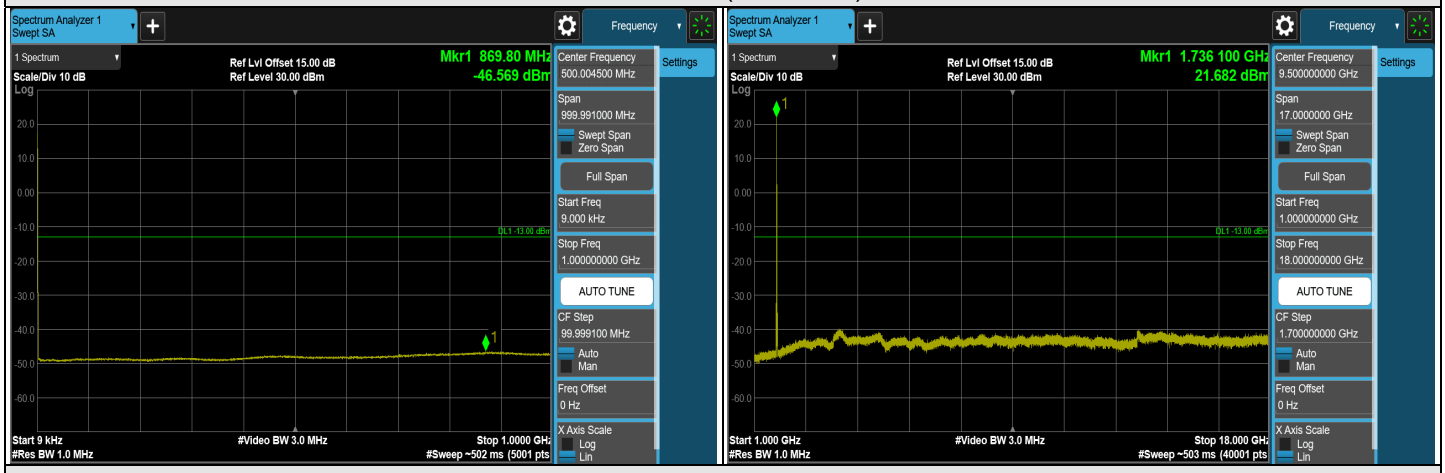
CH 132597 (1772.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

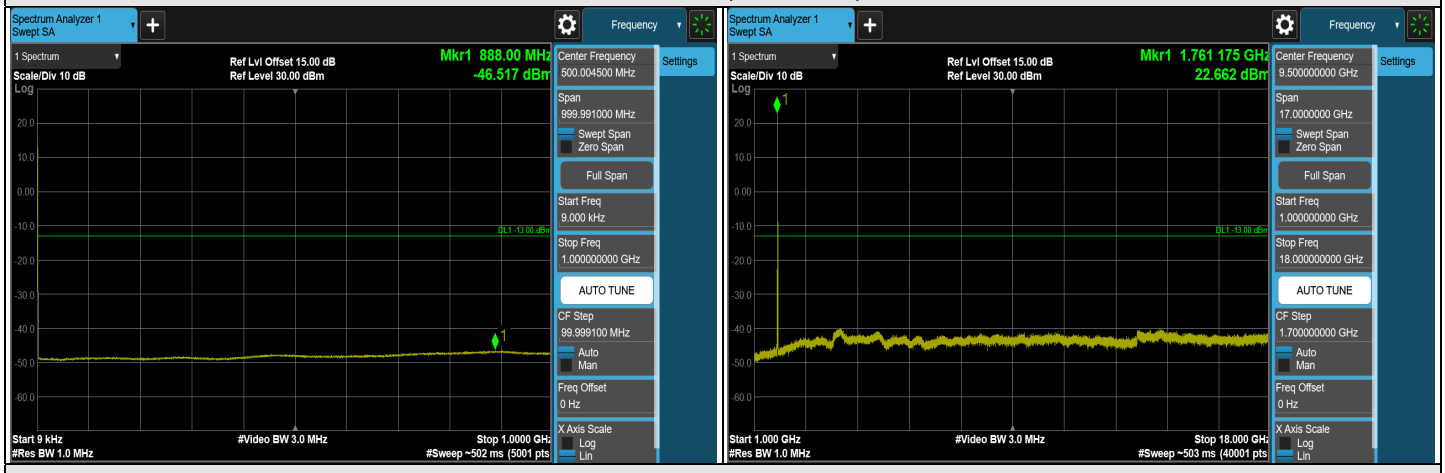
LTE Band 66, Channel Bandwidth: 20 MHz



CH 132072 (1720 MHz)



CH 132322 (1745 MHz)

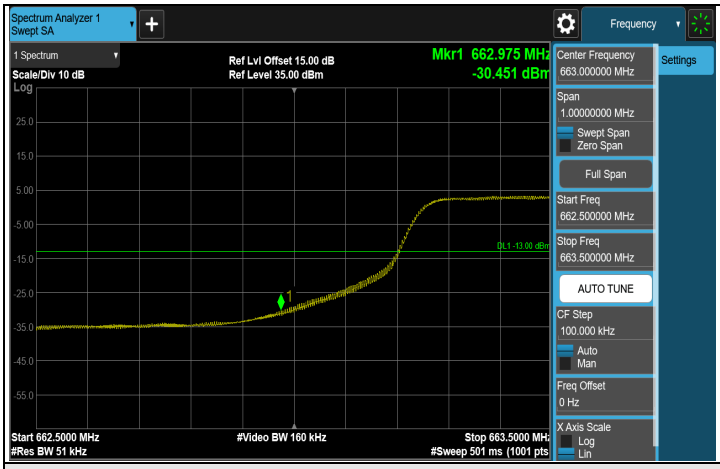


CH 132572 (1770 MHz)

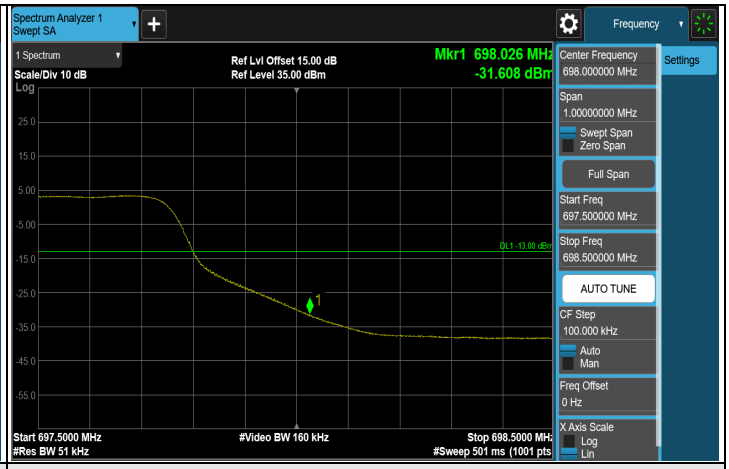
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

7.5.14LTE Band 71

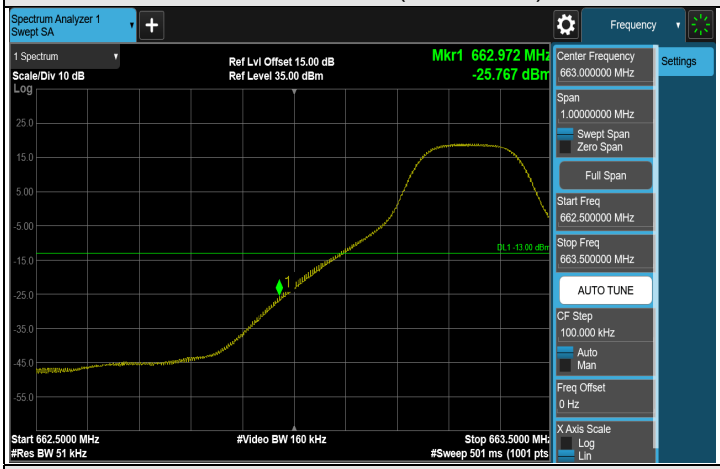
LTE Band 71, Channel Bandwidth: 5 MHz



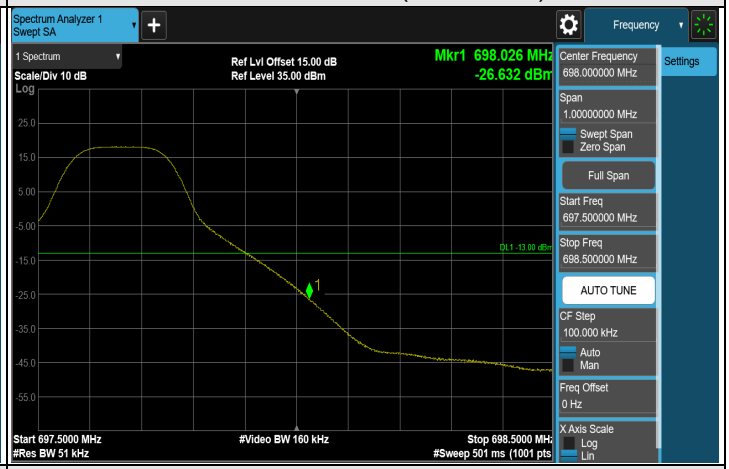
FULL CH 133147 (665.5 MHz)



FULL CH 133447 (695.5 MHz)

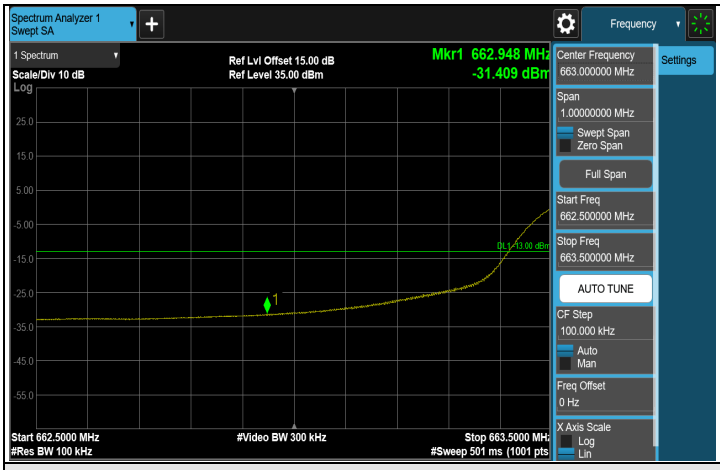


1RB CH 133147 (665.5 MHz)

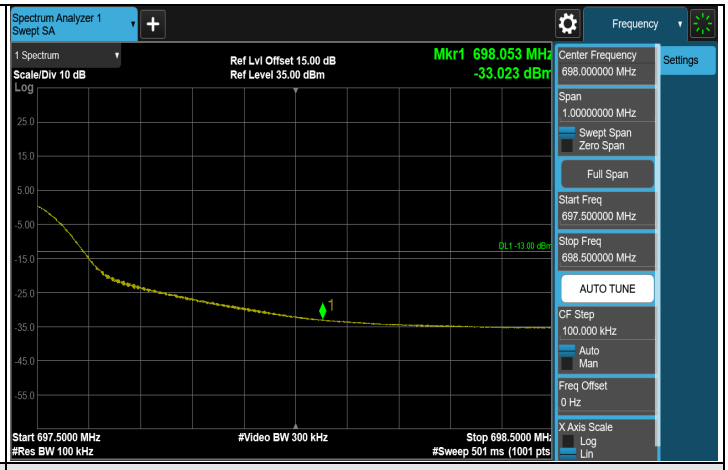


1RB CH 133447 (695.5 MHz)

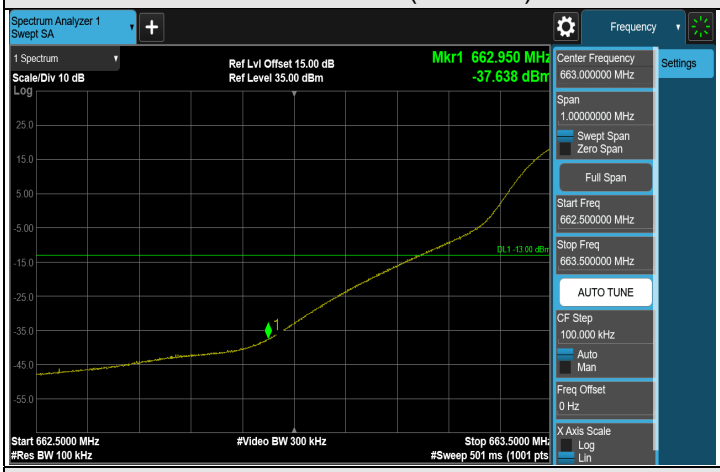
LTE Band 71, Channel Bandwidth: 10 MHz



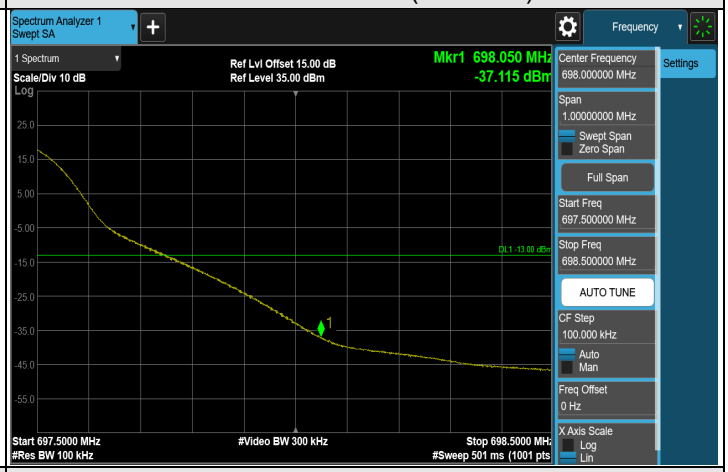
FULL CH 133172 (668 MHz)



FULL CH 133422 (693 MHz)

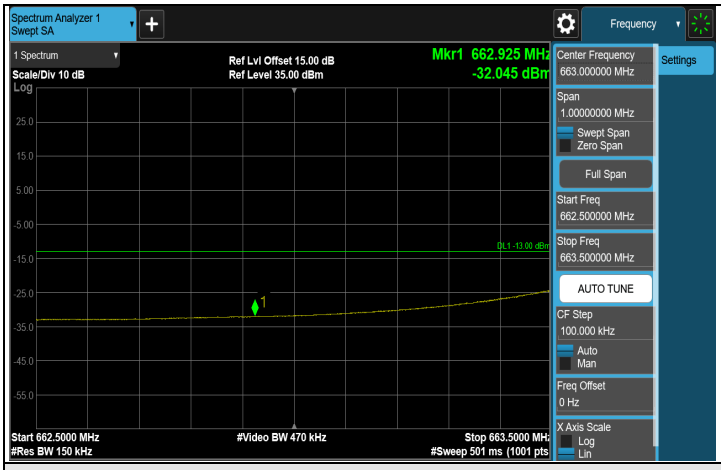


1RB CH 133172 (668 MHz)

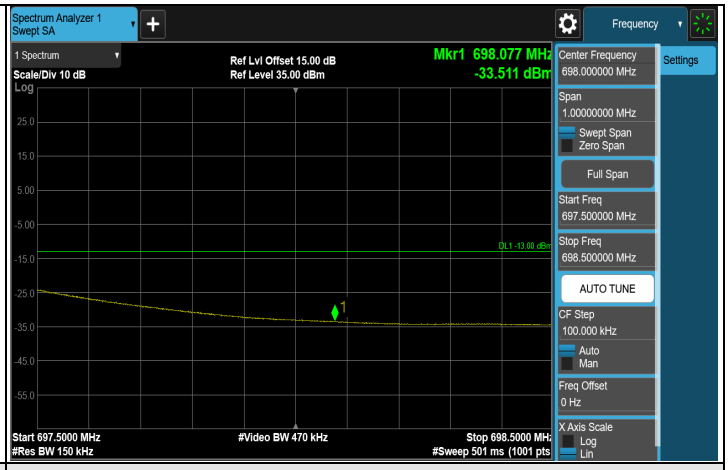


1RB CH 133422 (693 MHz)

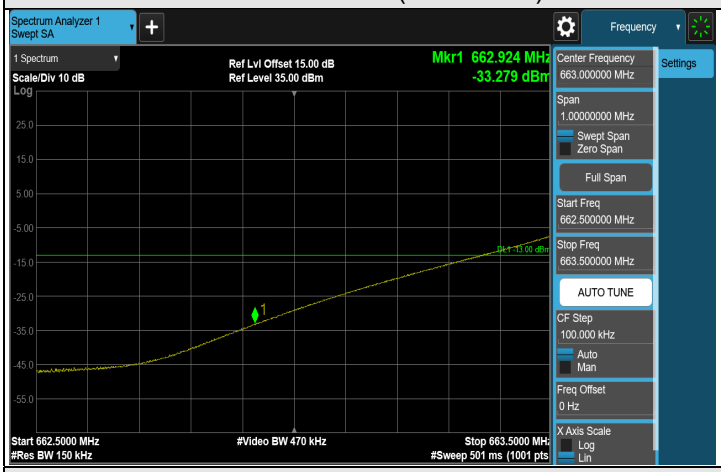
LTE Band 71, Channel Bandwidth: 15 MHz



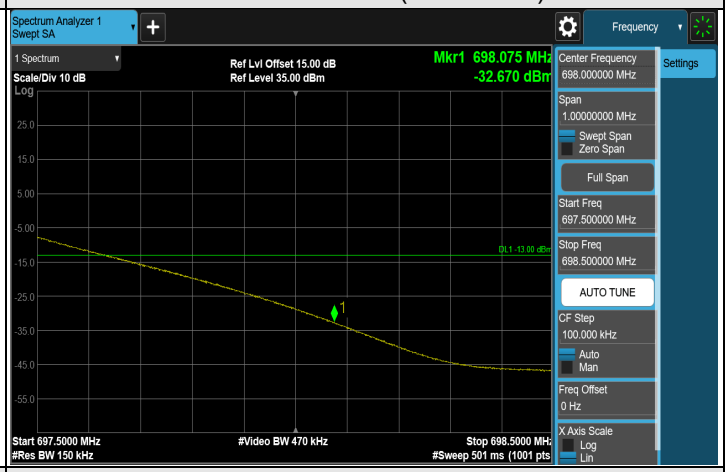
FULL CH 133197 (670.5 MHz)



FULL CH 133397 (690.5 MHz)

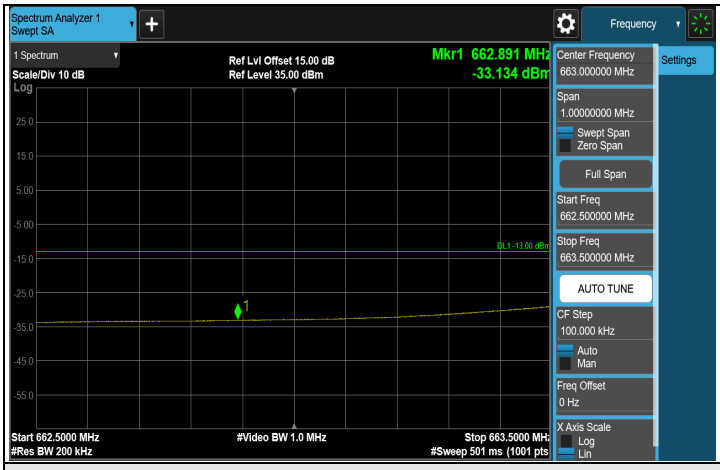


1RB CH 133197 (670.5 MHz)

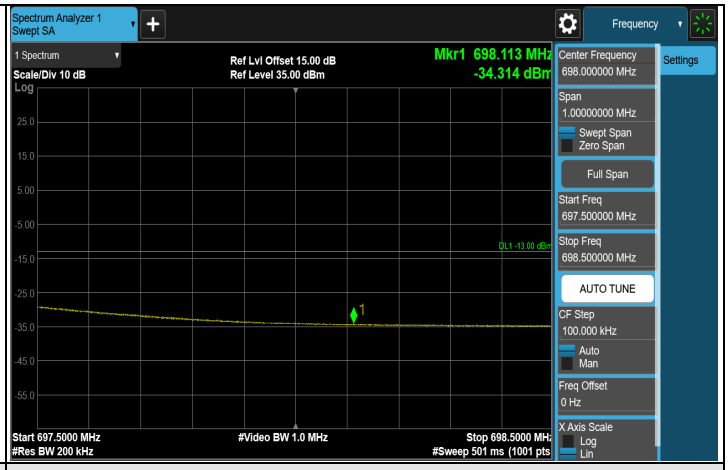


1RB CH 133397 (690.5 MHz)

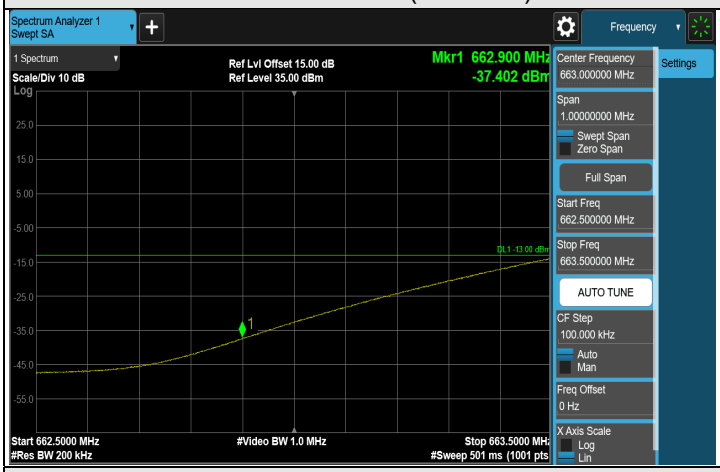
LTE Band 71, Channel Bandwidth: 20 MHz



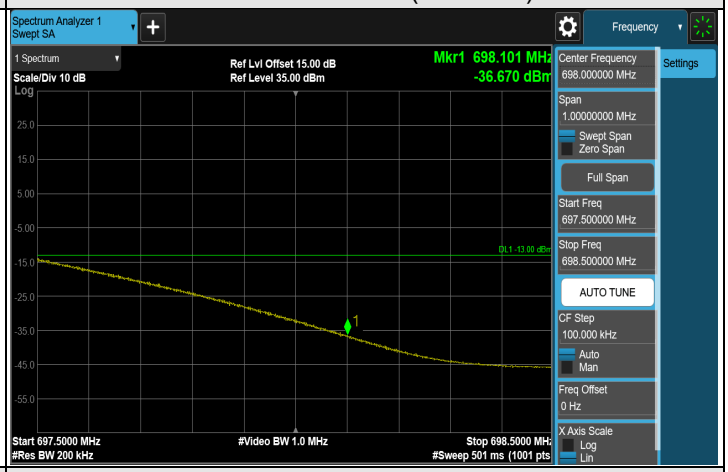
FULL CH 133222 (673 MHz)



FULL CH 133372 (688 MHz)

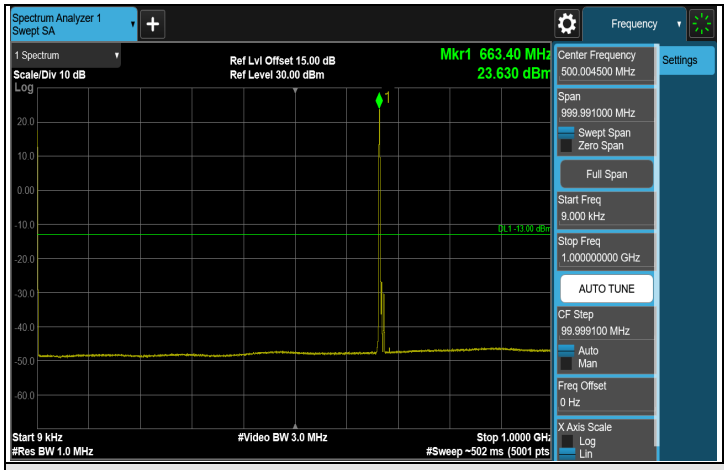


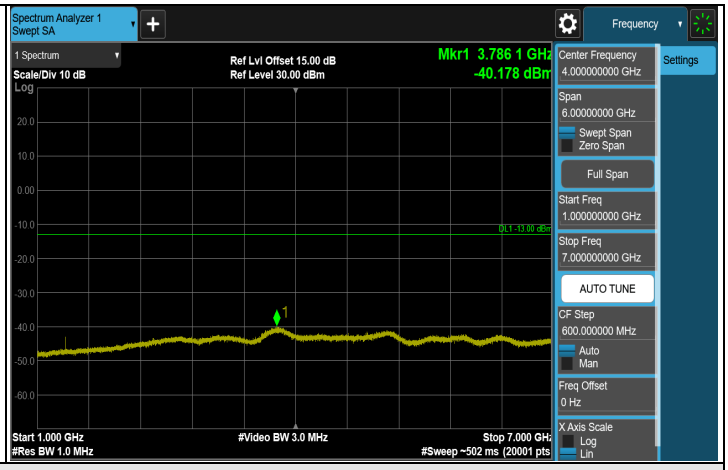
1RB CH 133222 (673 MHz)



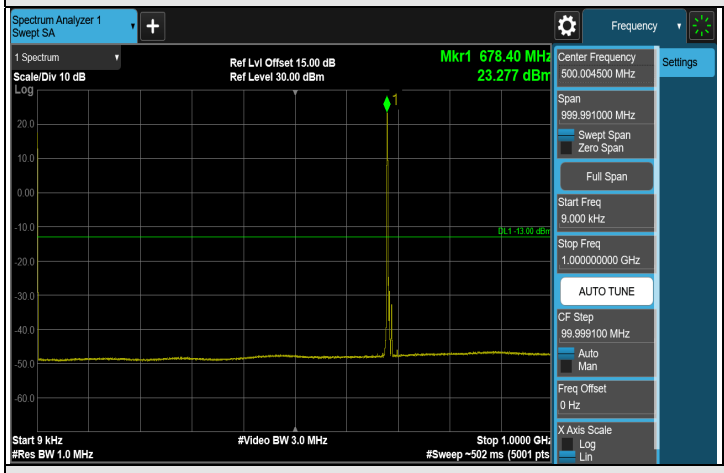
1RB CH 133372 (688 MHz)

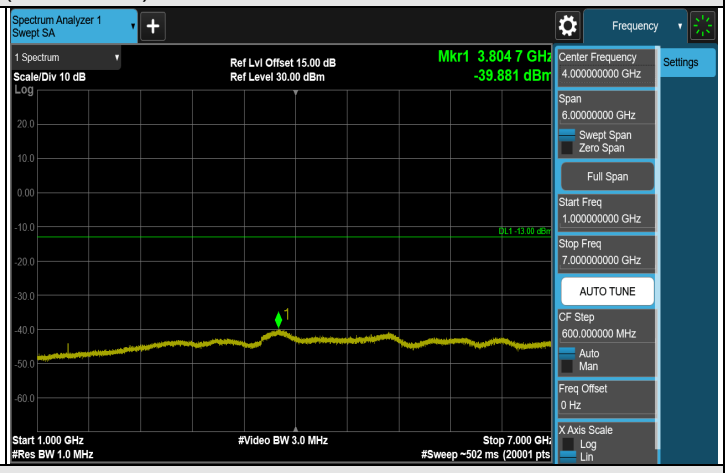
LTE Band 71, Channel Bandwidth: 5 MHz



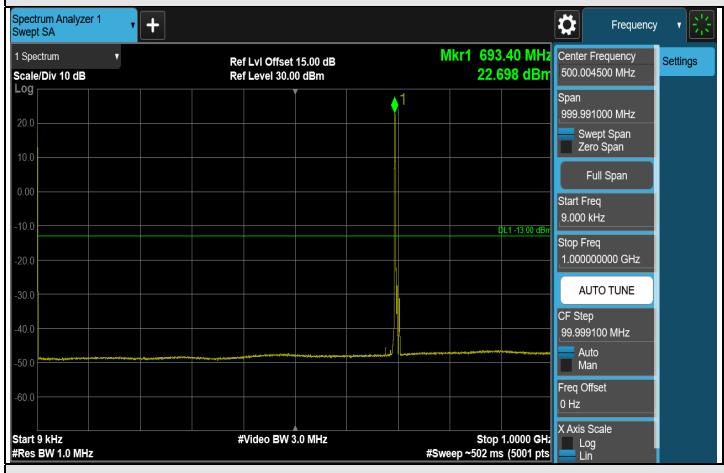


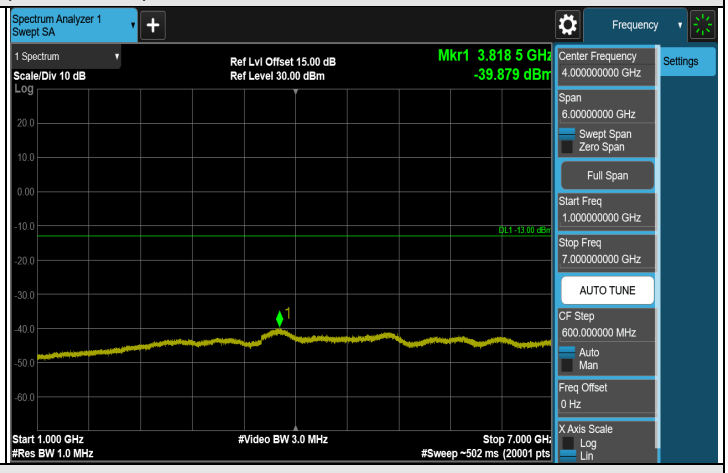
CH 133147 (665.5 MHz)





CH 133297 (680.5 MHz)

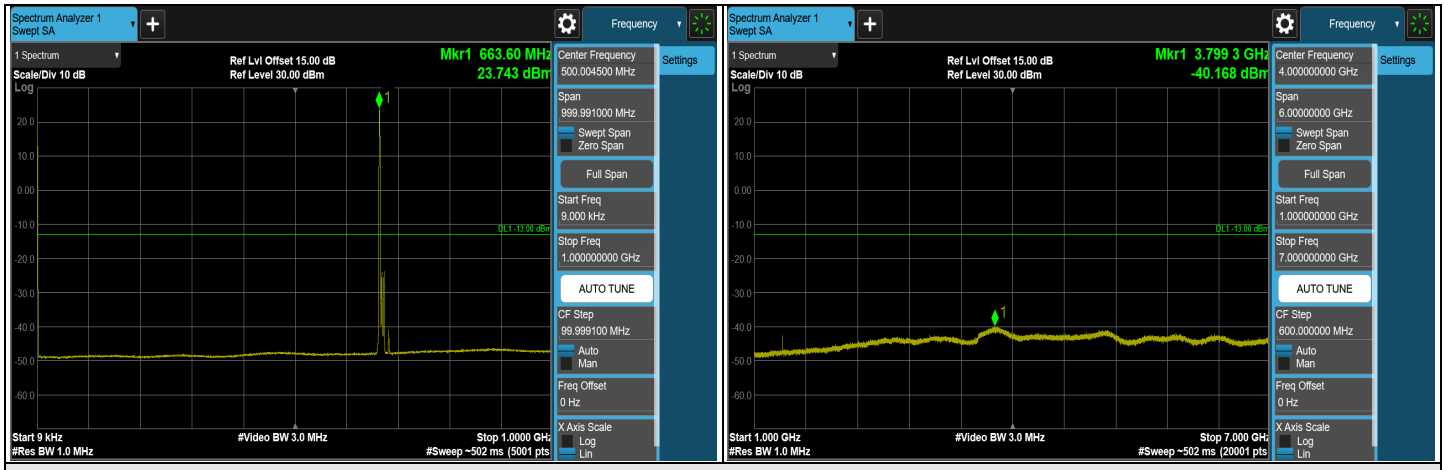




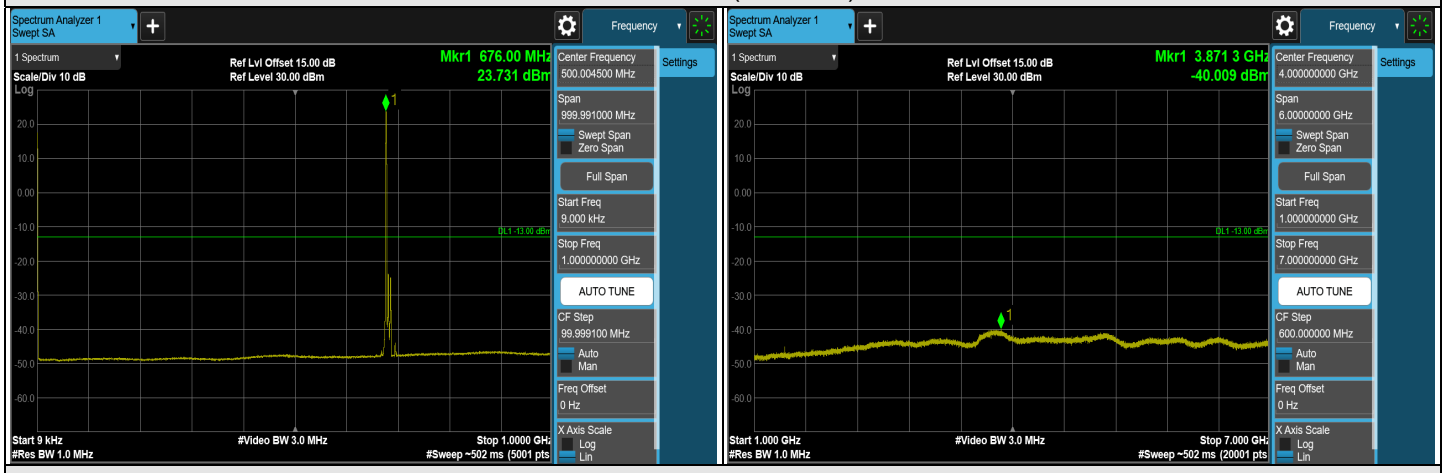
CH 133447 (695.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

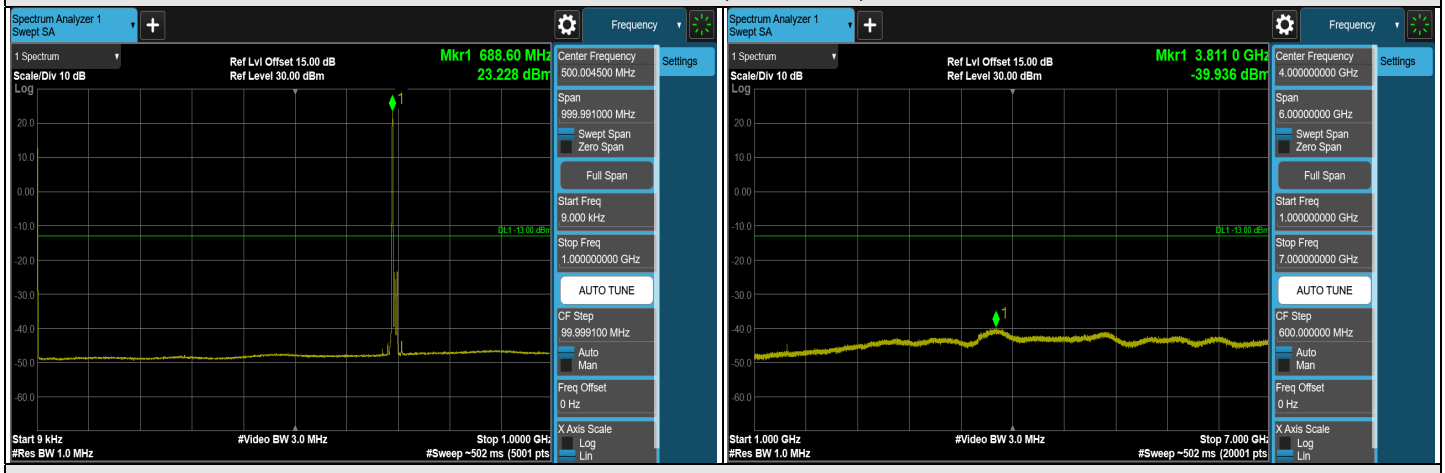
LTE Band 71, Channel Bandwidth: 10 MHz



CH 133172 (668 MHz)



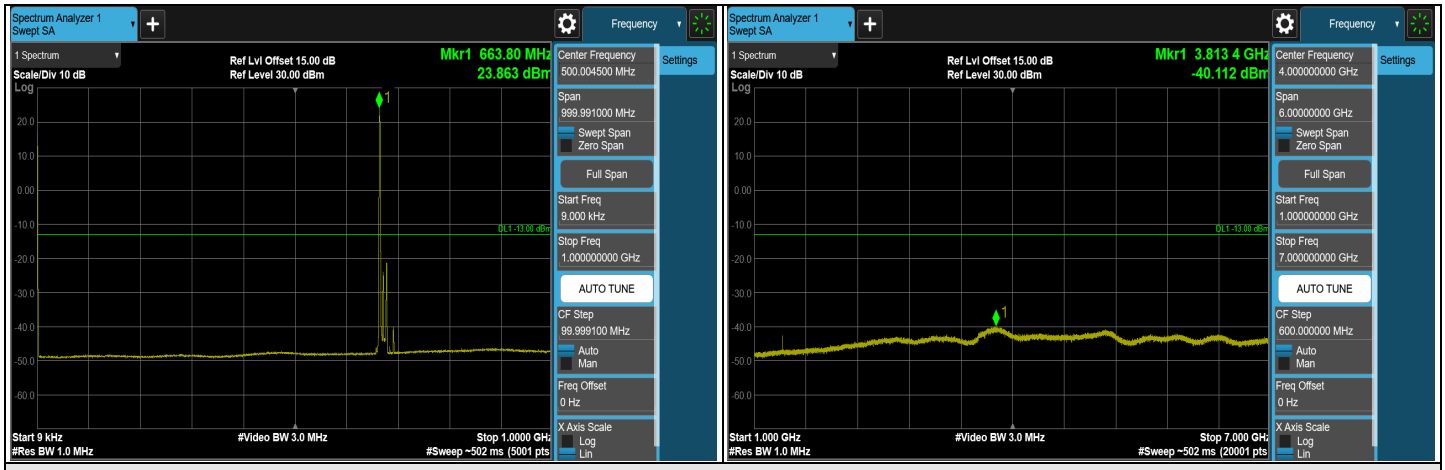
CH 133297 (680.5 MHz)



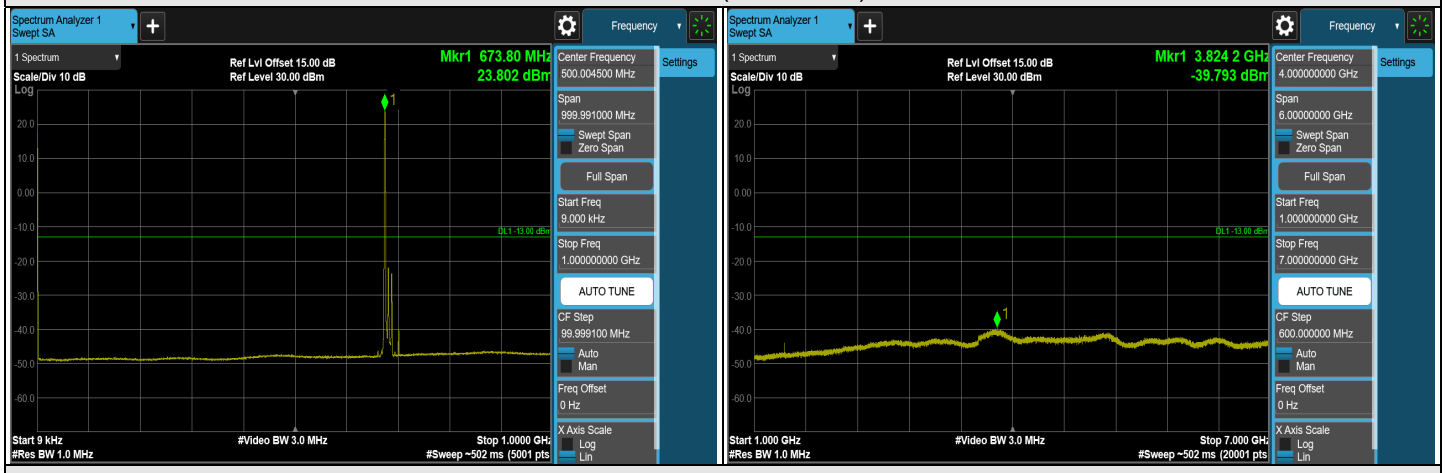
CH 133422 (693 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

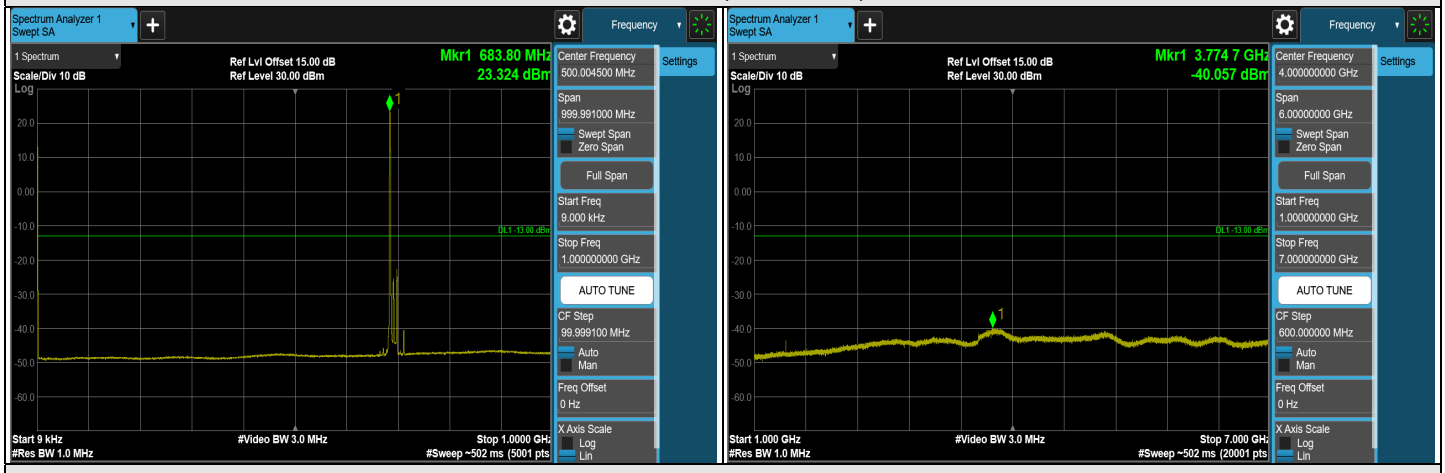
LTE Band 71, Channel Bandwidth: 15 MHz



CH 133197 (670.5 MHz)



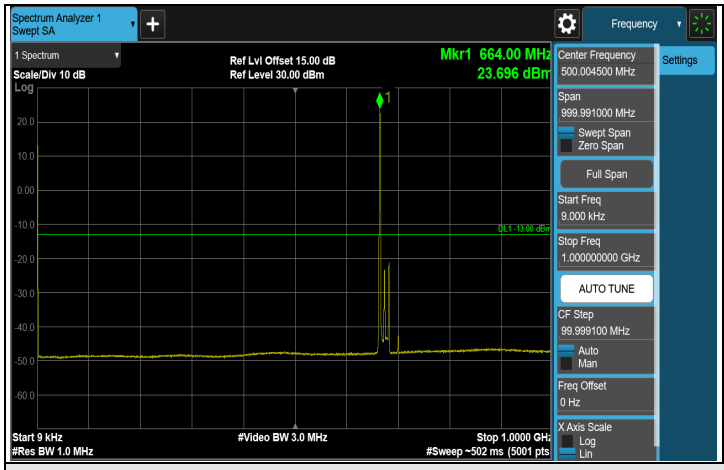
CH 133297 (680.5 MHz)



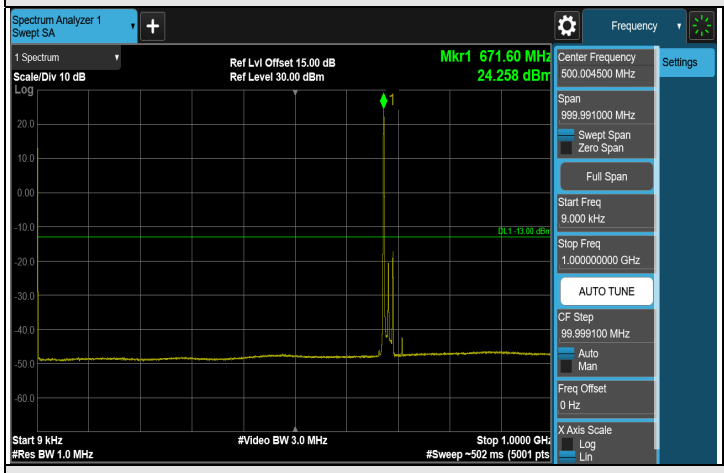
CH 133397 (690.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

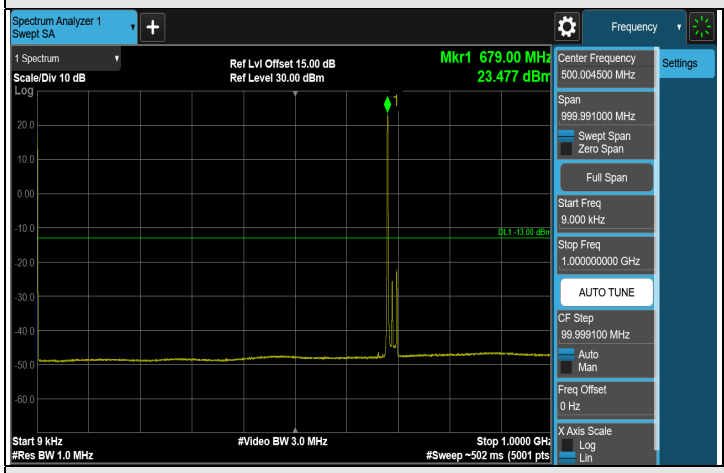
LTE Band 71, Channel Bandwidth: 20 MHz



CH 133222 (673 MHz)



CH 133297 (680.5 MHz)



CH 133372 (688 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

7.6 Radiated Spurious Emissions below 1GHz

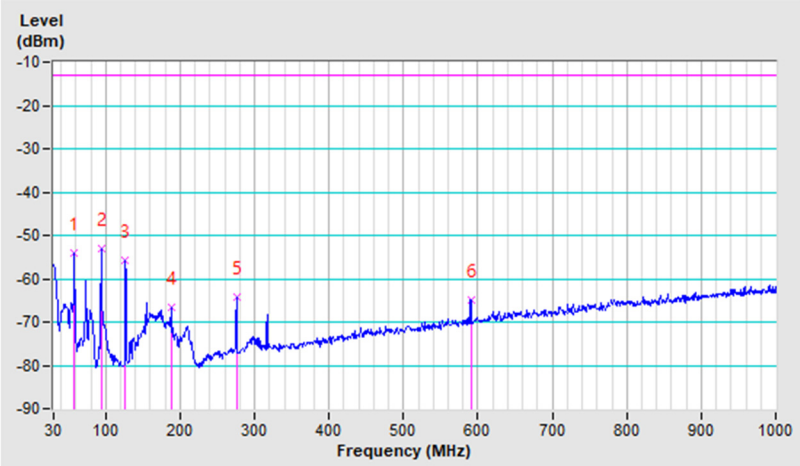
7.6.1 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22.3°C, 76.3% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	58.13	-54.17	-13.00	-41.17	1.50 H	114	50.98	-105.15
2	94.02	-53.14	-13.00	-40.14	1.25 H	114	56.81	-109.95
3	126.03	-55.75	-13.00	-42.75	1.00 H	114	50.40	-106.15
4	188.11	-66.52	-13.00	-53.52	1.00 H	114	40.27	-106.79
5	276.38	-64.30	-13.00	-51.30	2.00 H	119	39.40	-103.70
6	590.66	-64.87	-13.00	-51.87	1.00 H	114	32.62	-97.49

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

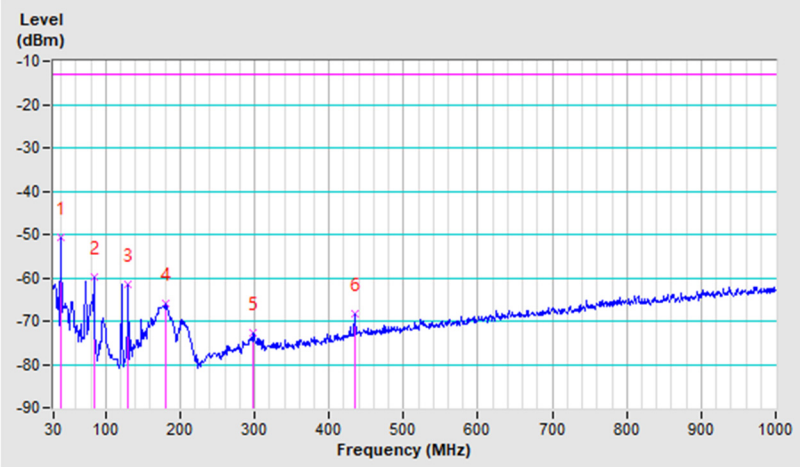


RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22.3°C, 76.3% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	39.70	-50.69	-13.00	-37.69	1.00 V	132	54.76	-105.45
2	84.32	-59.86	-13.00	-46.86	1.50 V	231	50.01	-109.87
3	129.91	-61.50	-13.00	-48.50	1.00 V	231	44.31	-105.81
4	180.35	-66.04	-13.00	-53.04	1.50 V	45	39.82	-105.86
5	298.69	-72.74	-13.00	-59.74	2.00 V	92	30.43	-103.17
6	434.49	-68.20	-13.00	-55.20	1.00 V	12	32.28	-100.48

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



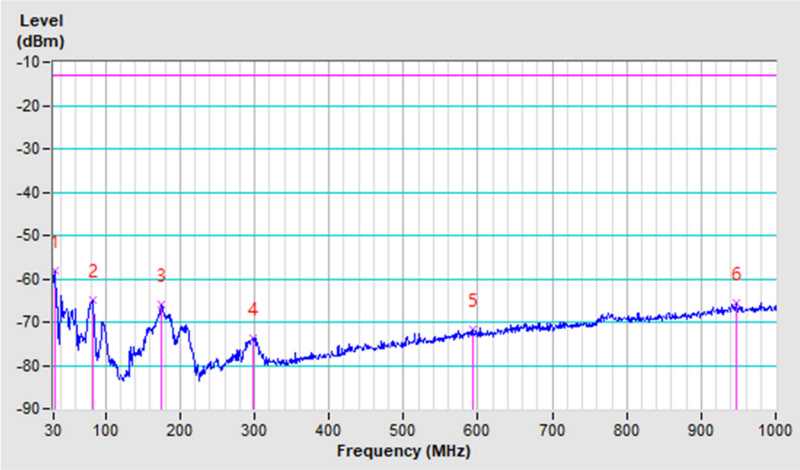
7.6.2 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20175：1732.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22.3°C, 76.3% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	31.94	-58.27	-13.00	-45.27	1.00 H	119	47.96	-106.23
2	82.38	-65.03	-13.00	-52.03	1.50 H	83	44.53	-109.56
3	175.50	-66.01	-13.00	-53.01	1.50 H	46	39.23	-105.24
4	297.72	-73.65	-13.00	-60.65	1.00 H	72	29.54	-103.19
5	592.60	-71.73	-13.00	-58.73	2.00 H	219	25.71	-97.44
6	947.62	-65.48	-13.00	-52.48	1.00 H	104	24.82	-90.30

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

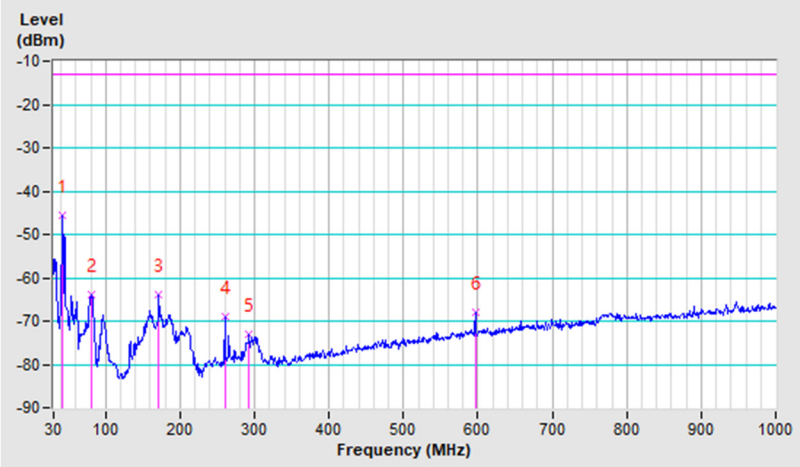


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20175：1732.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22.3°C, 76.3% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	**42.61**	**-45.43**	**-13.00**	**-32.43**	**1.00 V**	**108**	**59.65**	**-105.08**
2	80.44	-64.02	-13.00	-51.02	1.00 V	161	45.19	-109.21
3	171.62	-64.03	-13.00	-51.03	1.50 V	121	40.84	-104.87
4	259.89	-68.83	-13.00	-55.83	2.00 V	111	35.78	-104.61
5	292.87	-72.90	-13.00	-59.90	1.00 V	150	30.43	-103.33
6	596.48	-68.03	-13.00	-55.03	2.00 V	111	29.31	-97.34

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



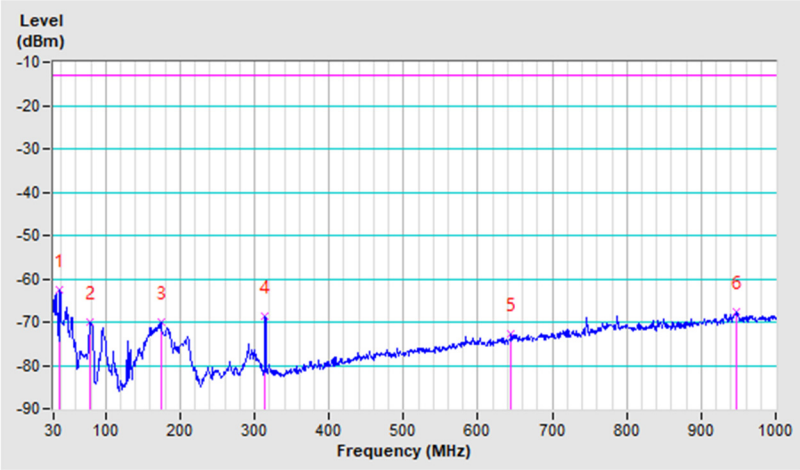
7.6.3 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22.3°C, 76.3% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	38.73	-62.44	-13.00	-49.44	1.50 H	2	45.14	-107.58
2	79.47	-70.15	-13.00	-57.15	1.00 H	86	40.92	-111.07
3	174.53	-70.12	-13.00	-57.12	1.00 H	6	37.17	-107.29
4	314.21	-68.65	-13.00	-55.65	2.00 H	138	36.27	-104.92
5	644.98	-72.84	-13.00	-59.84	1.00 H	319	25.46	-98.30
6	947.62	-67.76	-13.00	-54.76	1.50 H	6	24.69	-92.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22.3°C, 76.3% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	55.22	-66.77	-13.00	-53.77	1.50 V	351	40.23	-107.00
2	81.41	-69.81	-13.00	-56.81	1.00 V	354	41.76	-111.57
3	95.96	-71.46	-13.00	-58.46	1.00 V	312	40.45	-111.91
4	171.62	-68.90	-13.00	-55.90	1.50 V	15	38.12	-107.02
5	291.90	-75.59	-13.00	-62.59	1.00 V	343	29.91	-105.50
6	945.68	-67.78	-13.00	-54.78	1.00 V	220	24.70	-92.48

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.