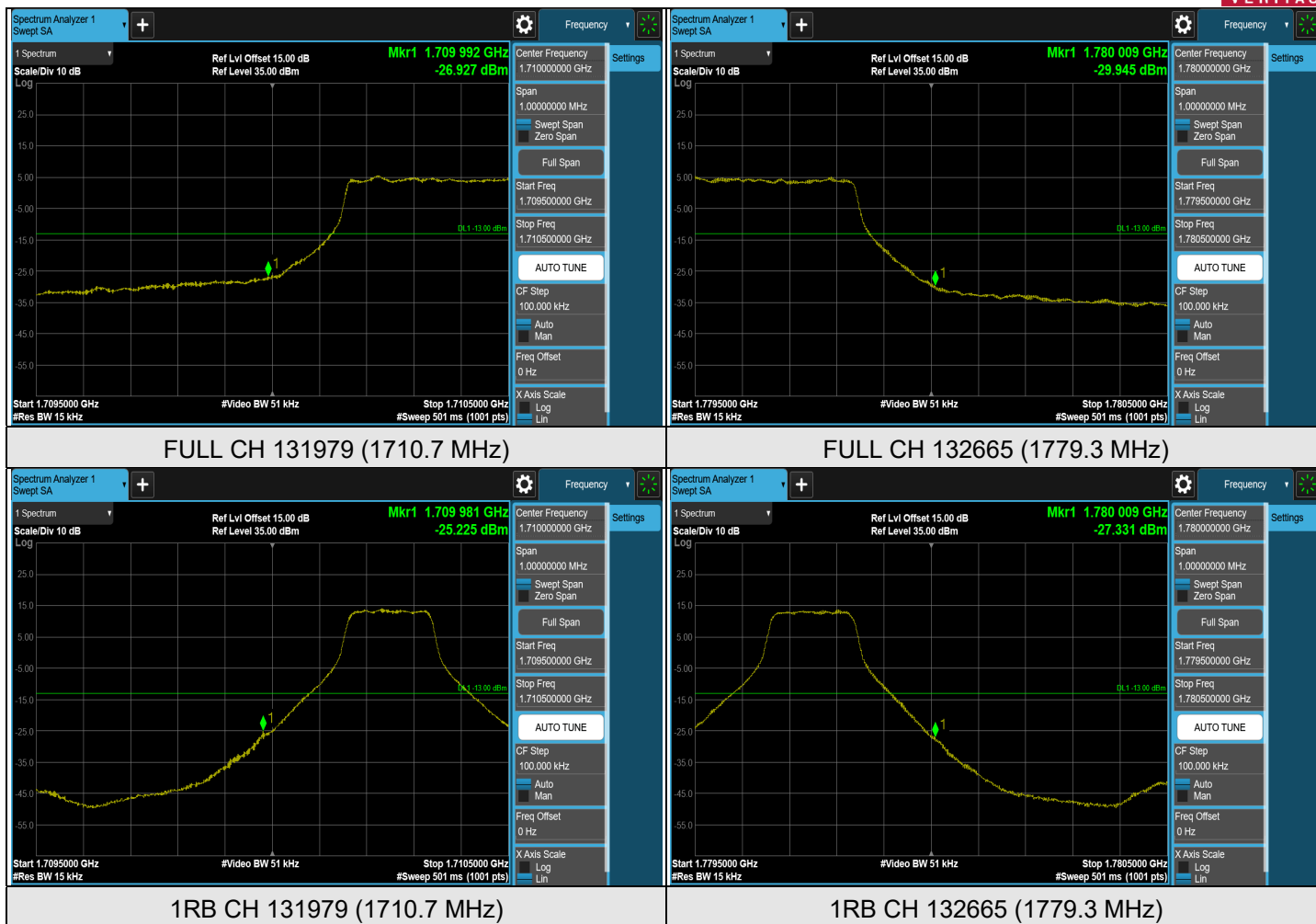
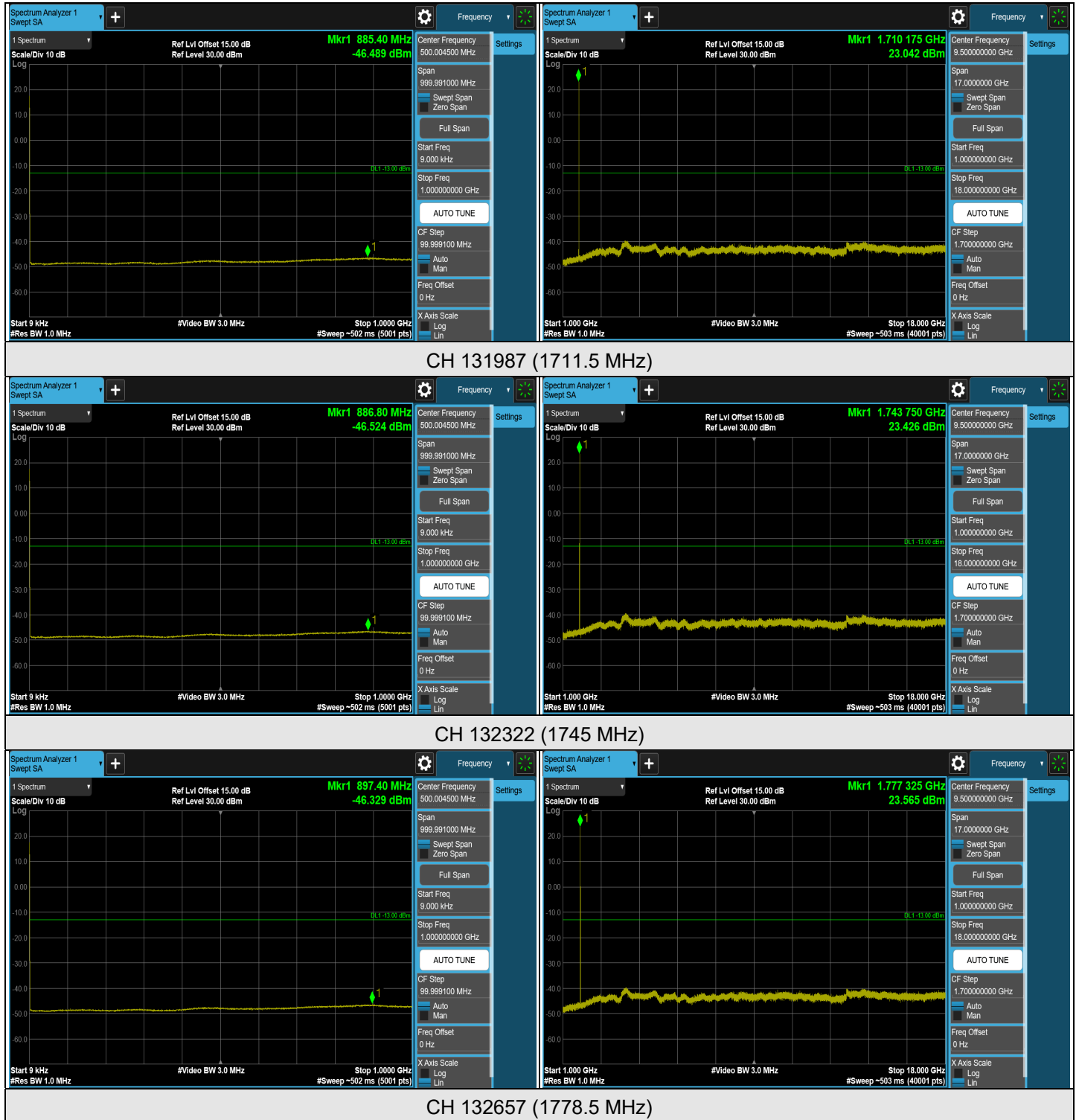
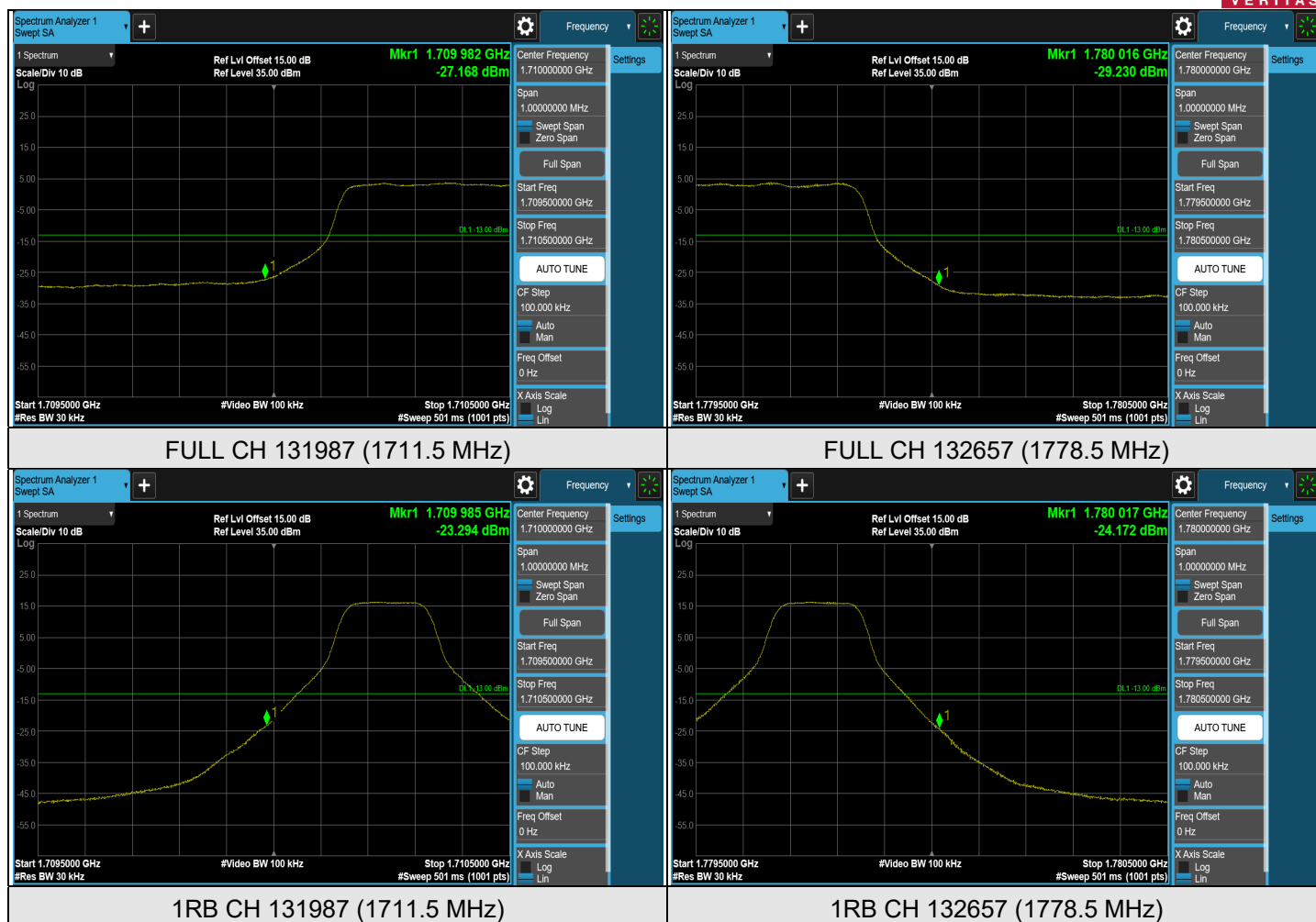




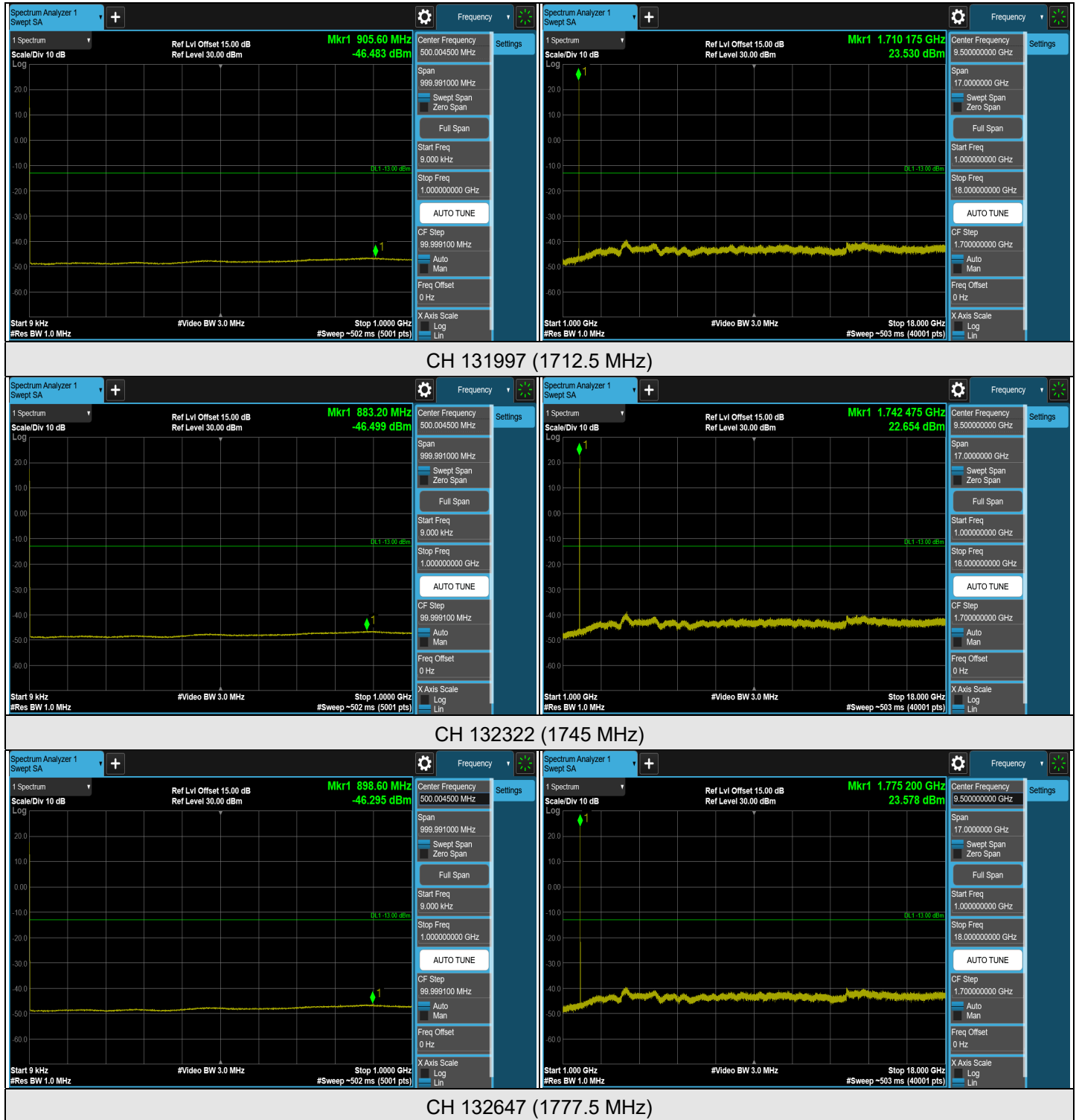
LTE Band 66, Channel Bandwidth: 3 MHz



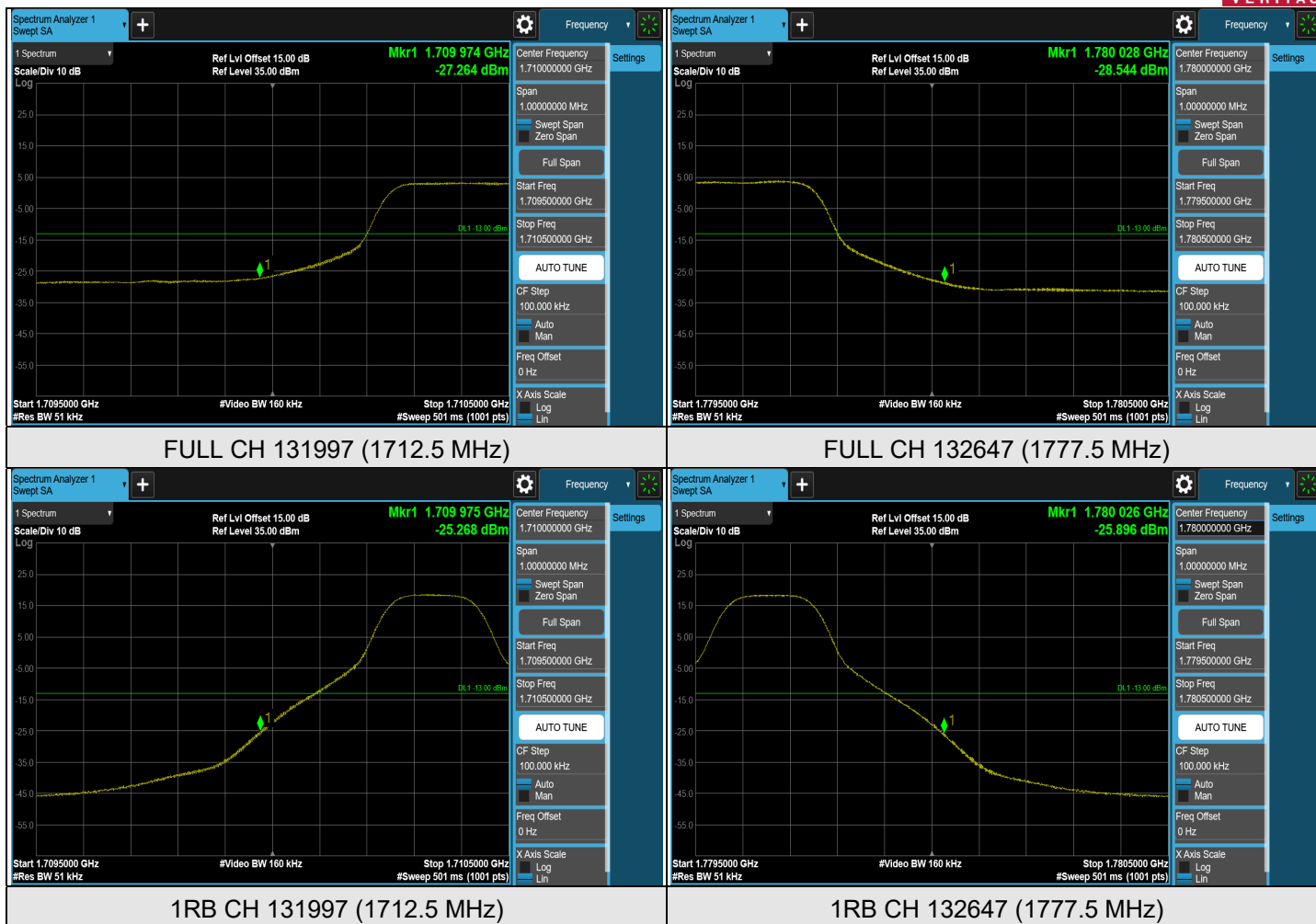
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



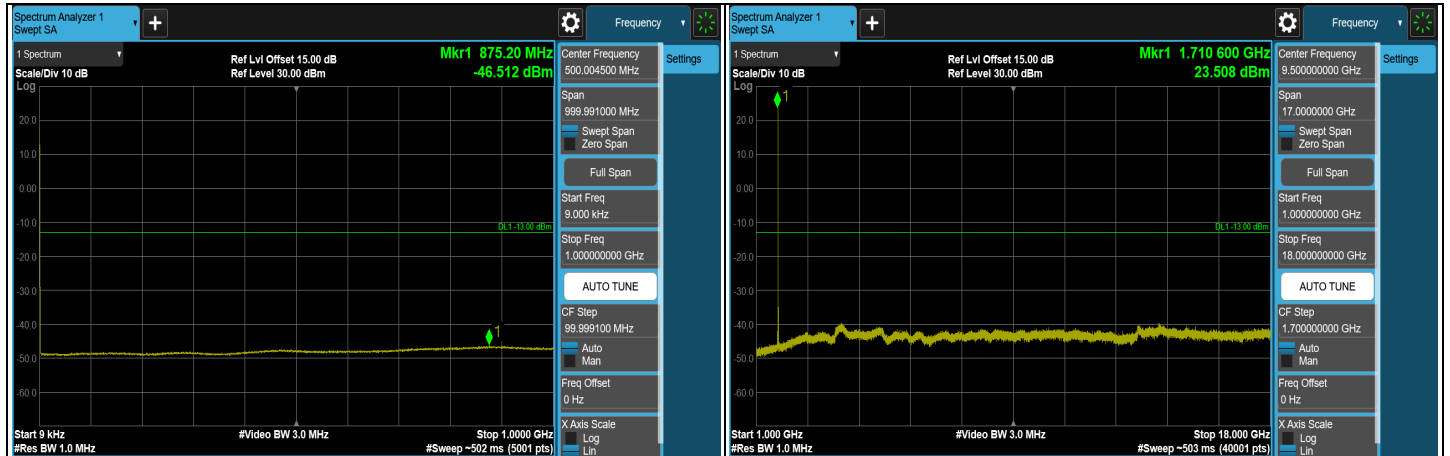
LTE Band 66, Channel Bandwidth: 5 MHz



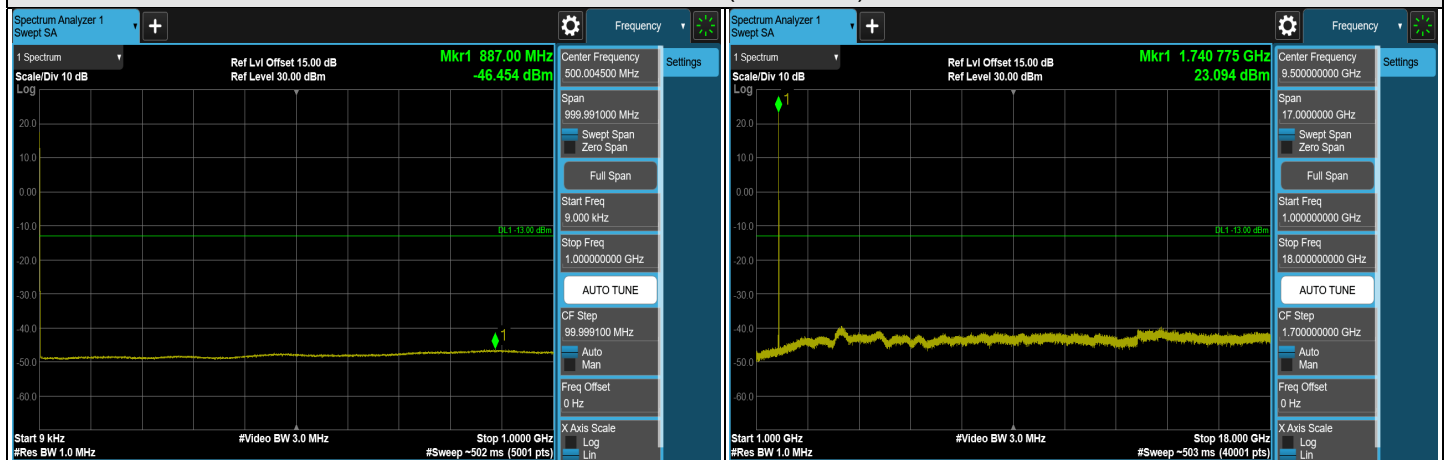
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



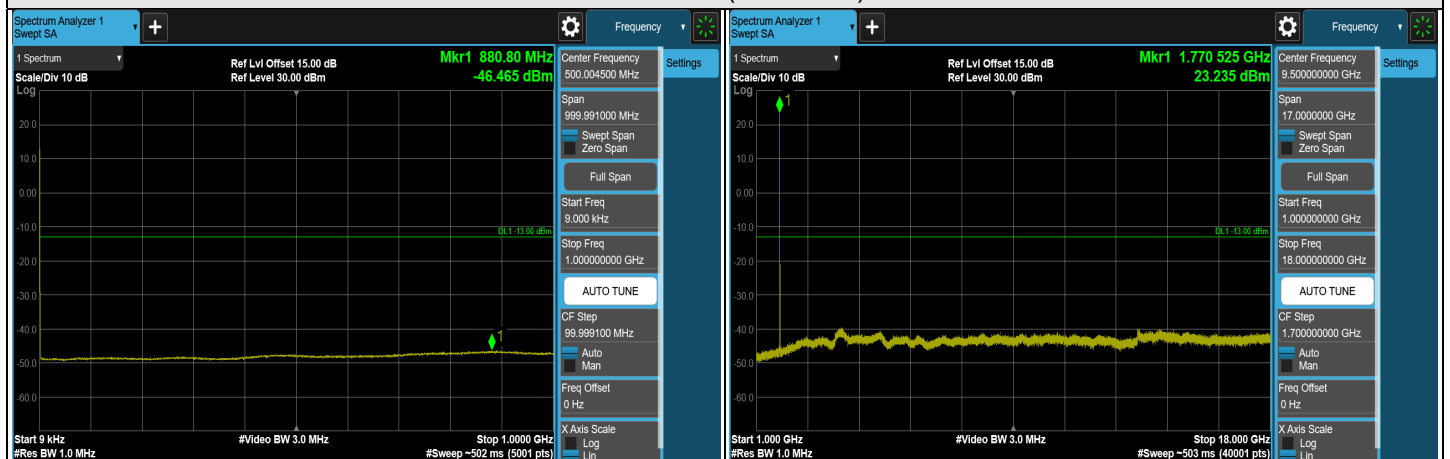
LTE Band 66, Channel Bandwidth: 10 MHz



CH 132022 (1715 MHz)

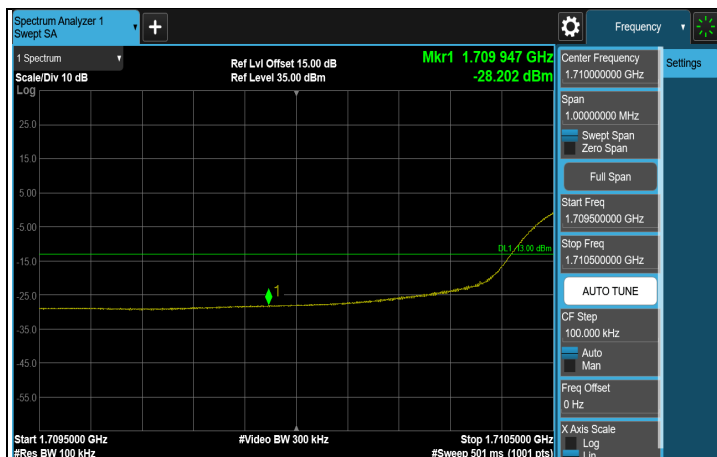


CH 132322 (1745 MHz)

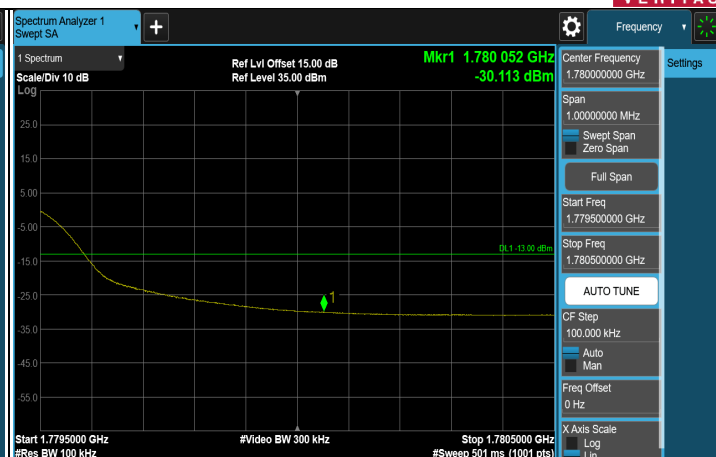


CH 132622 (1775 MHz)

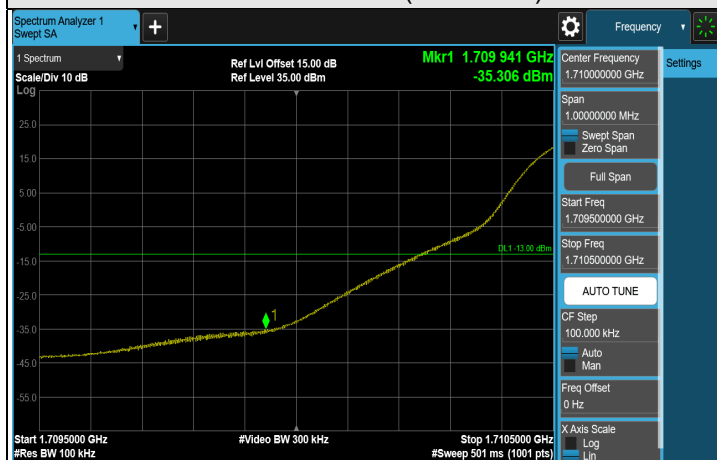
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



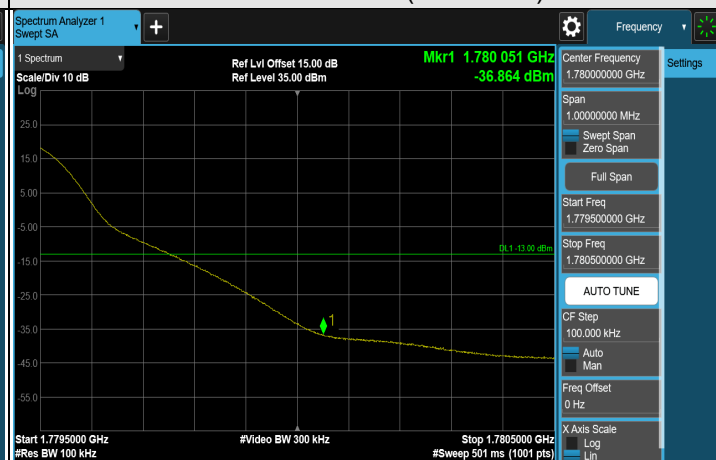
FULL CH 132022 (1715 MHz)



FULL CH 132622 (1775 MHz)

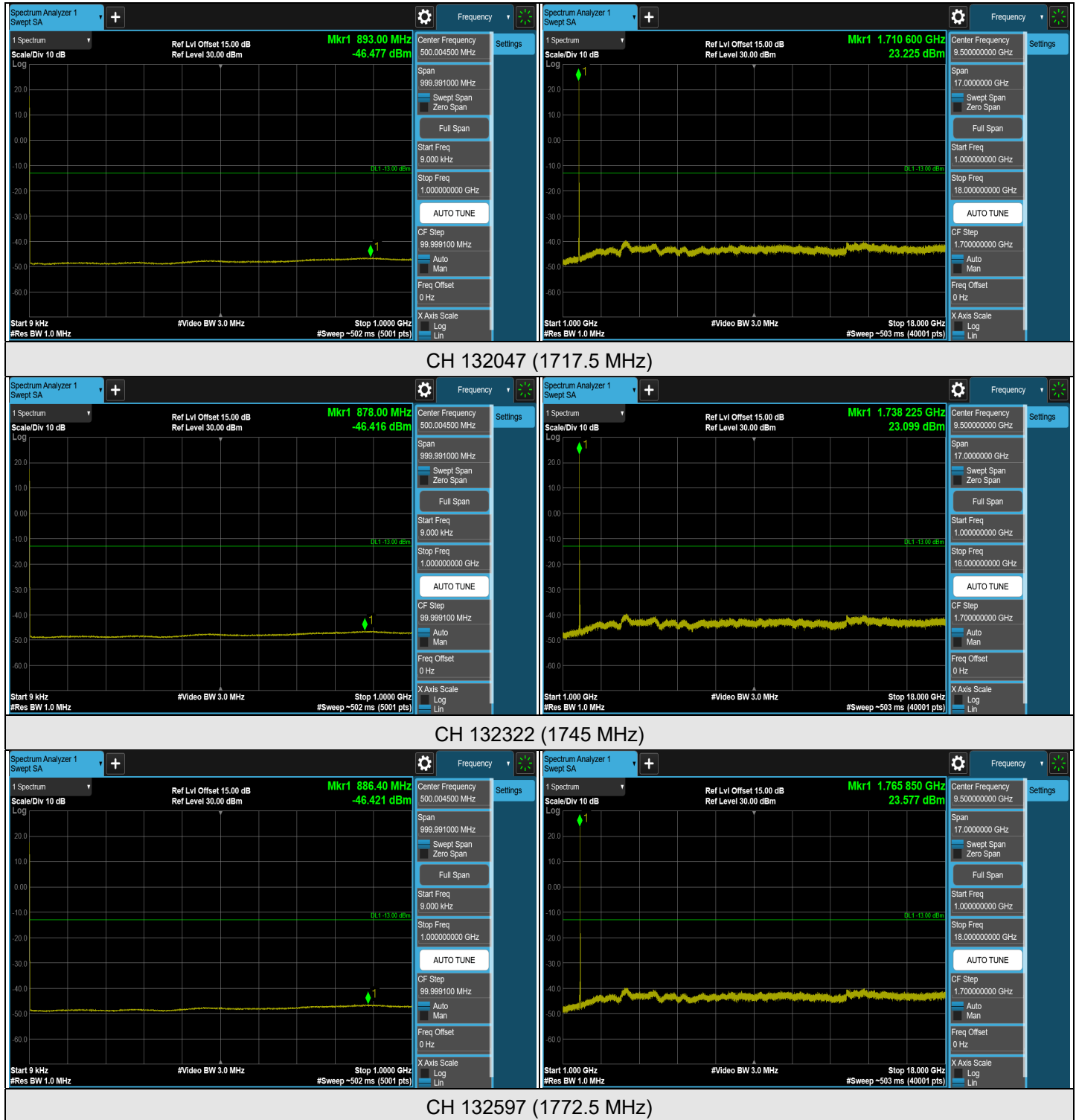


1RB CH 132022 (1715 MHz)

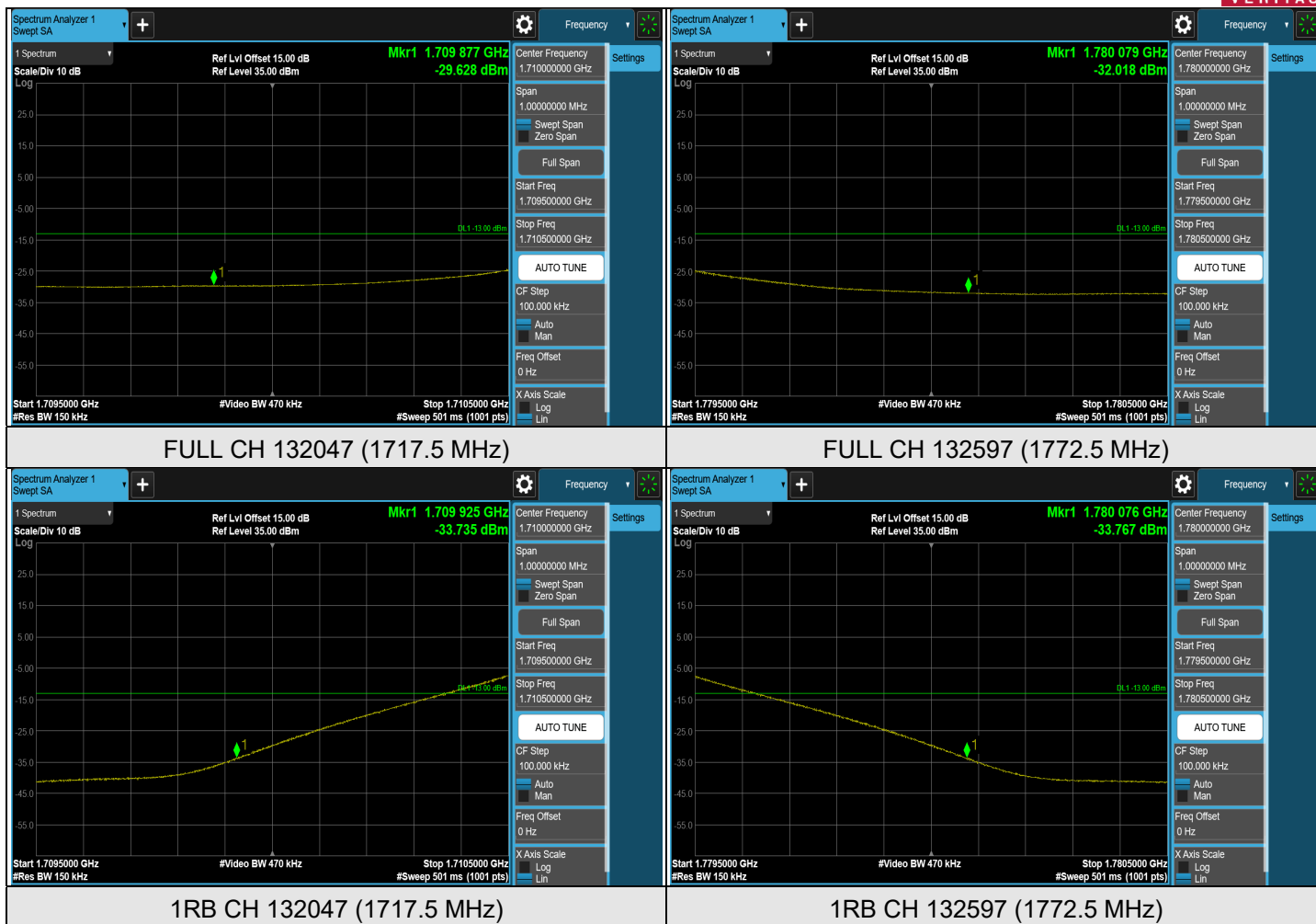


1RB CH 132622 (1775 MHz)

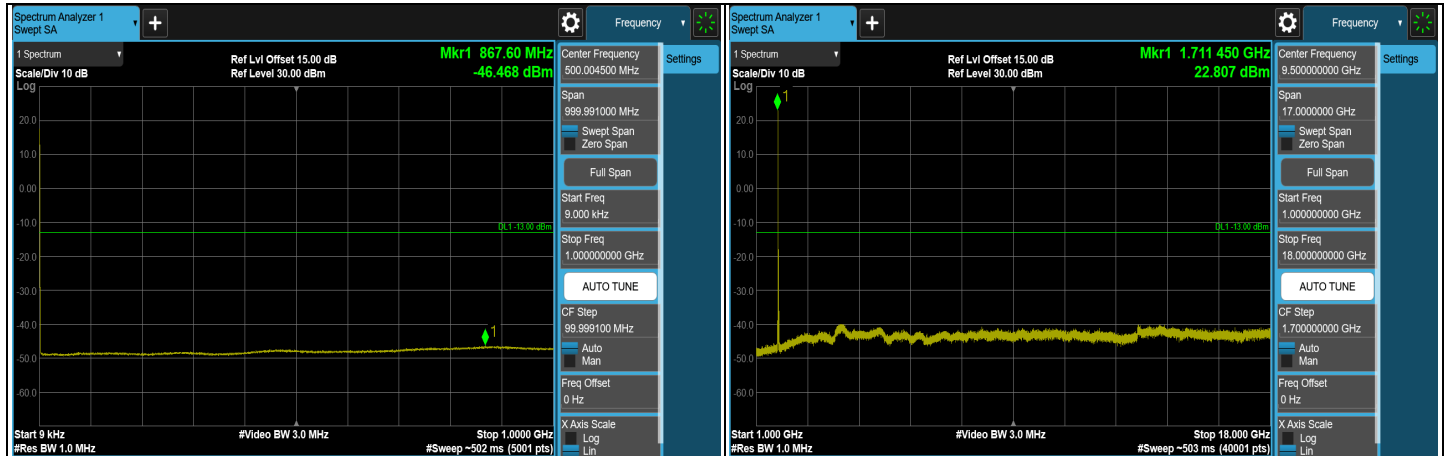
LTE Band 66, Channel Bandwidth: 15 MHz



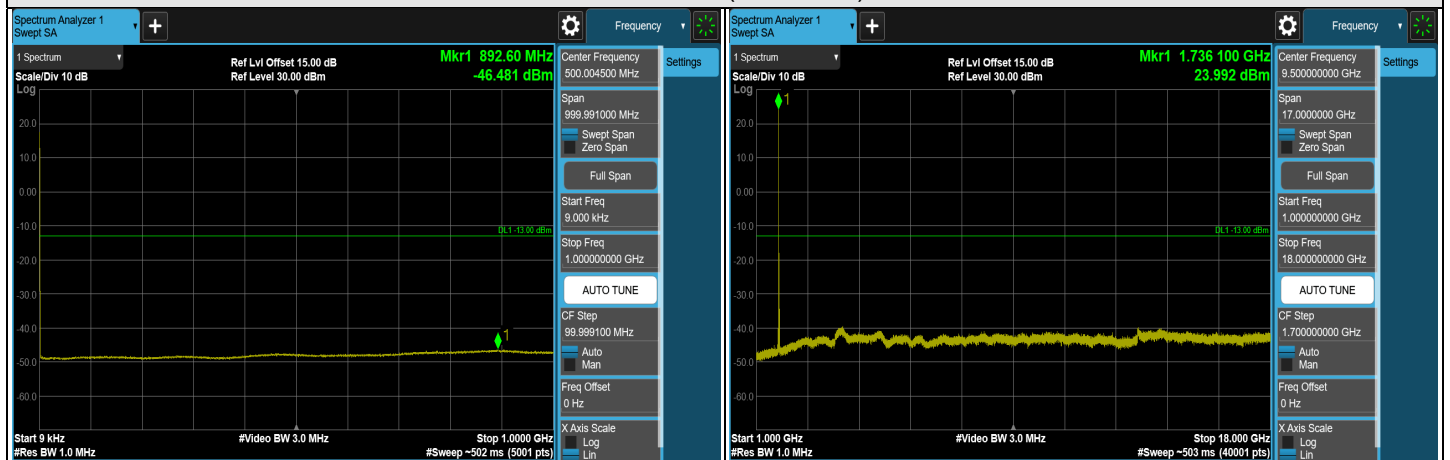
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



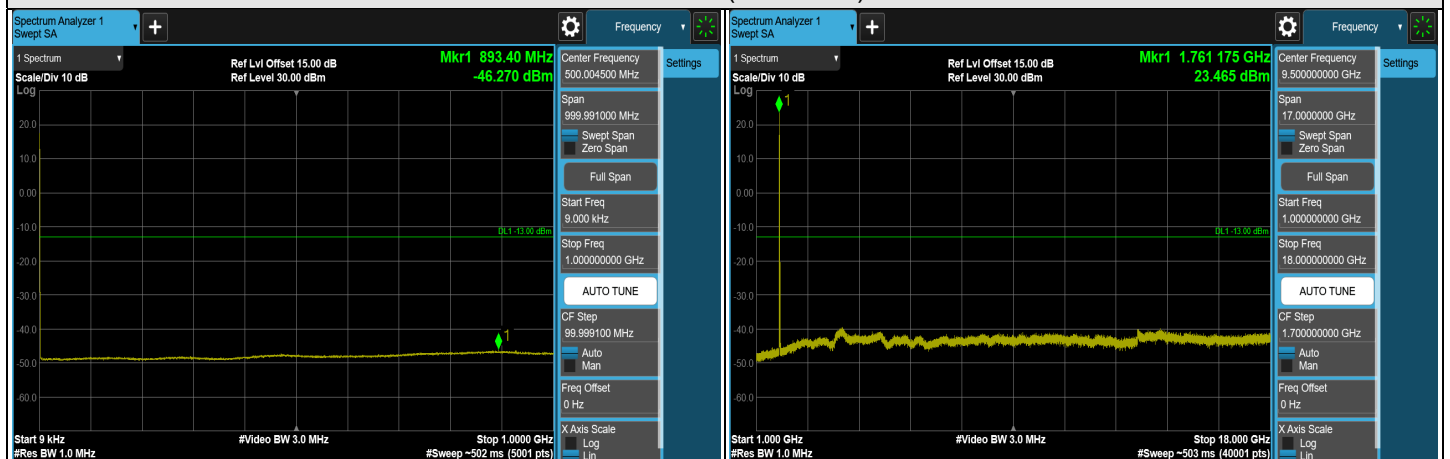
LTE Band 66, Channel Bandwidth: 20 MHz



CH 132072 (1720 MHz)

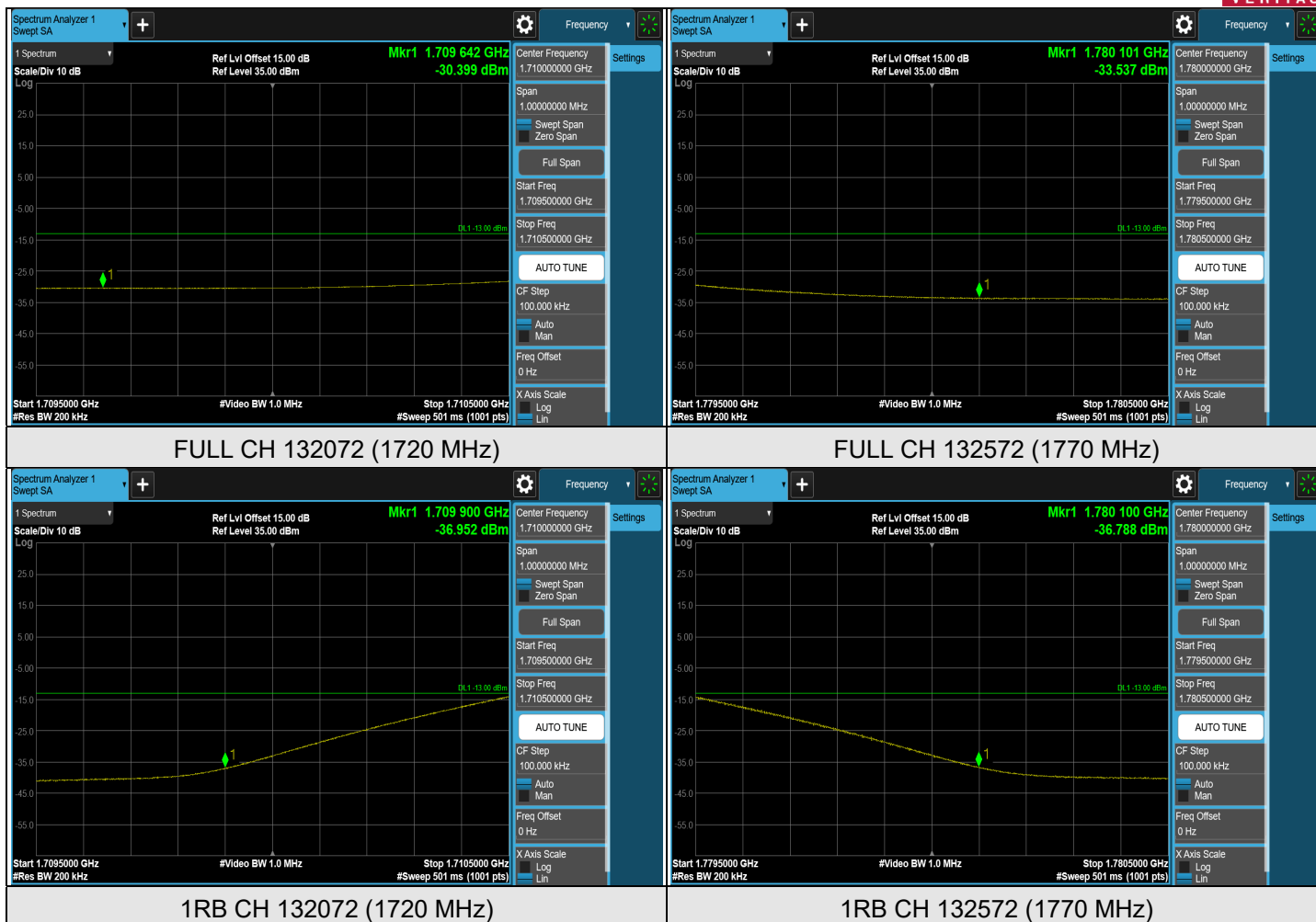


CH 132322 (1745 MHz)



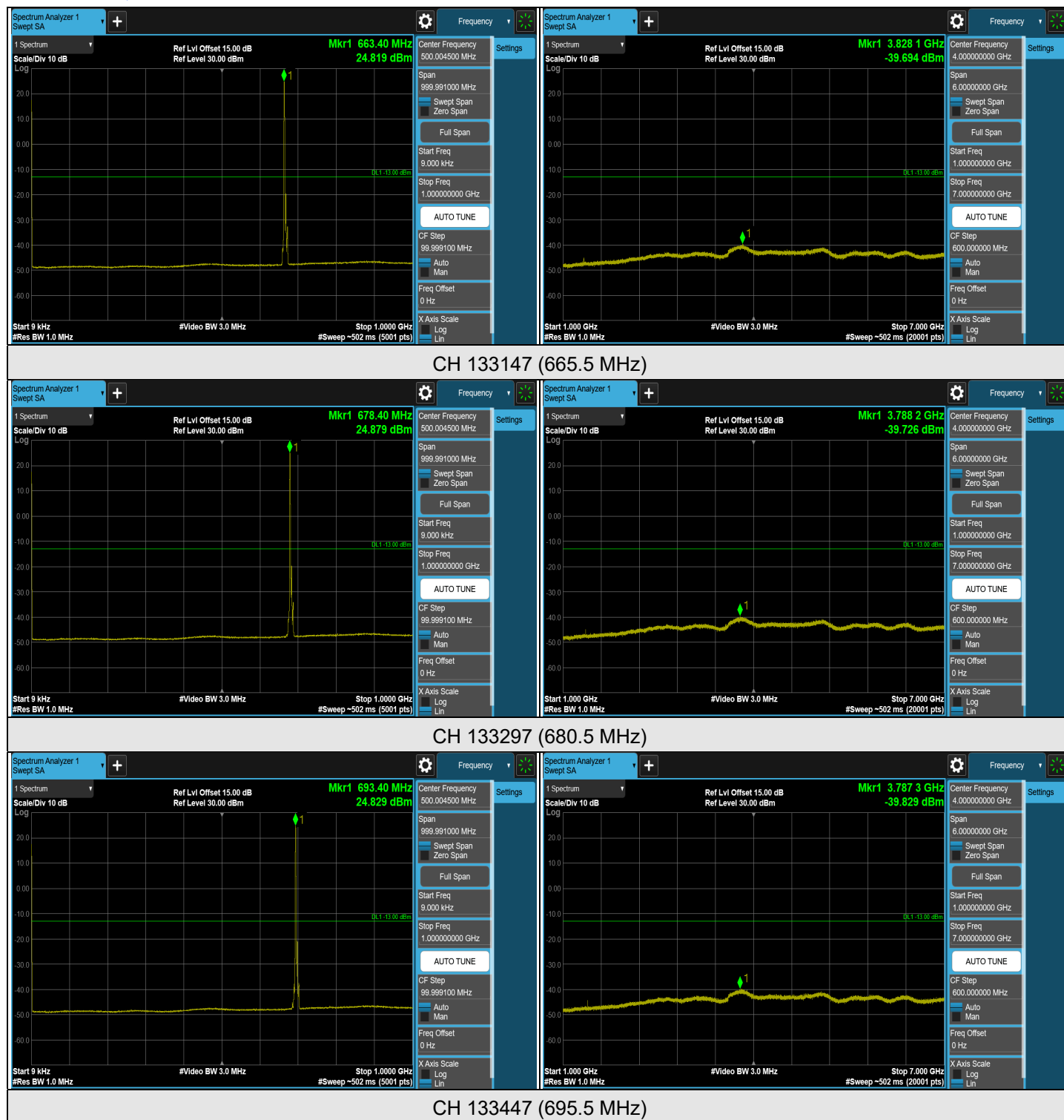
CH 132572 (1770 MHz)

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

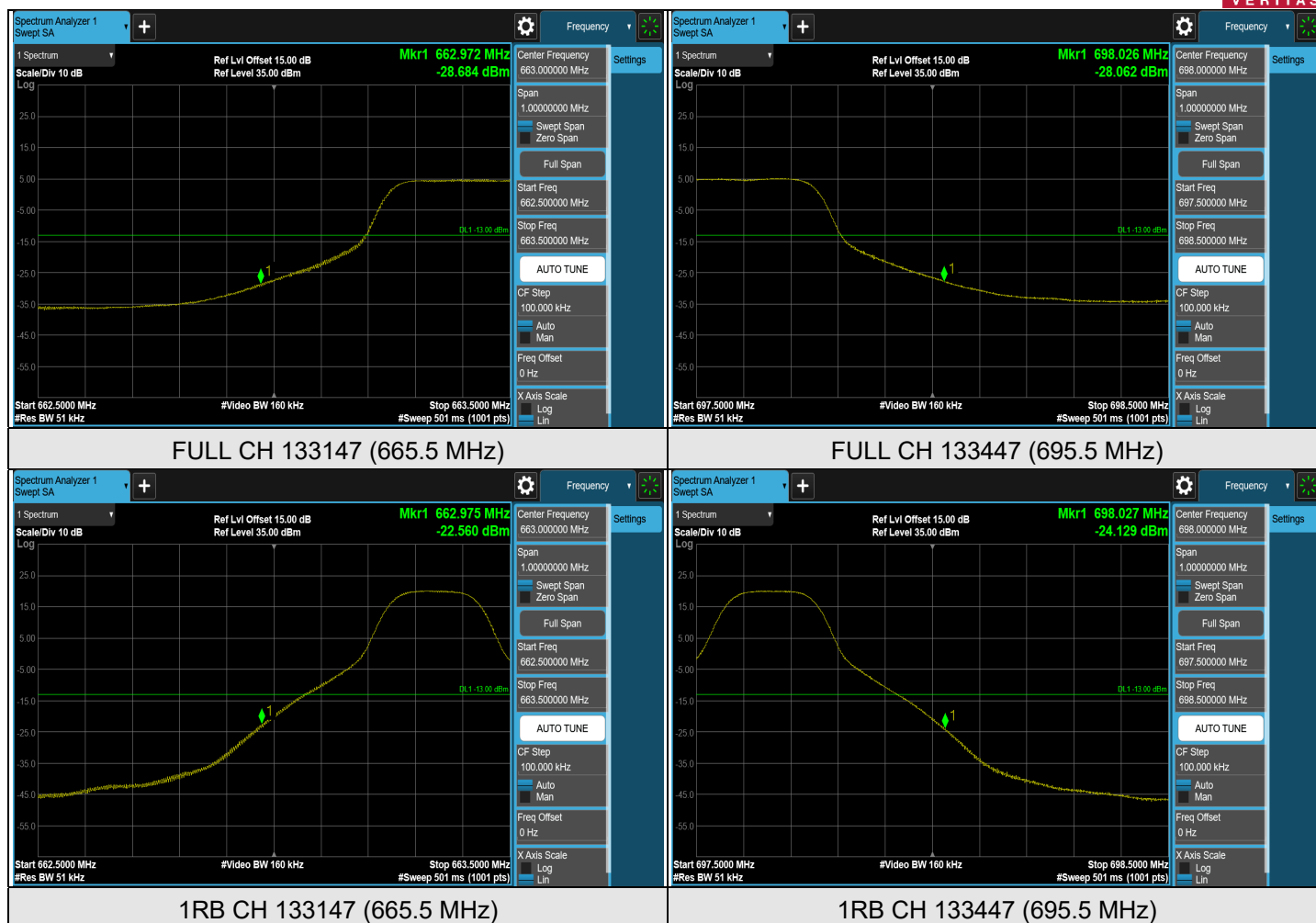


7.5.14 LTE Band 71

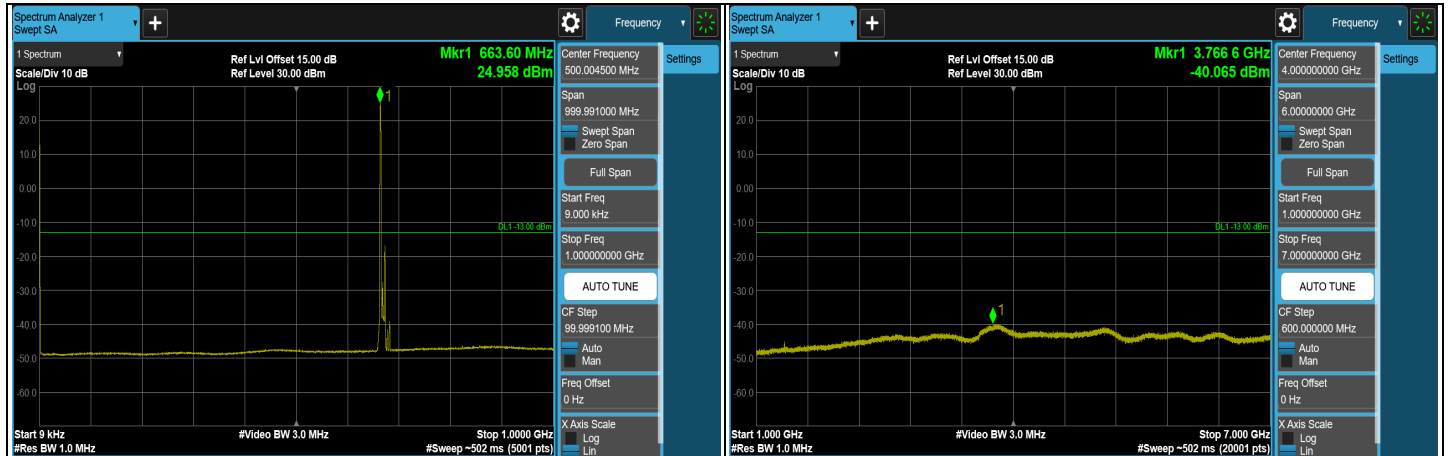
LTE Band 71, Channel Bandwidth: 5 MHz



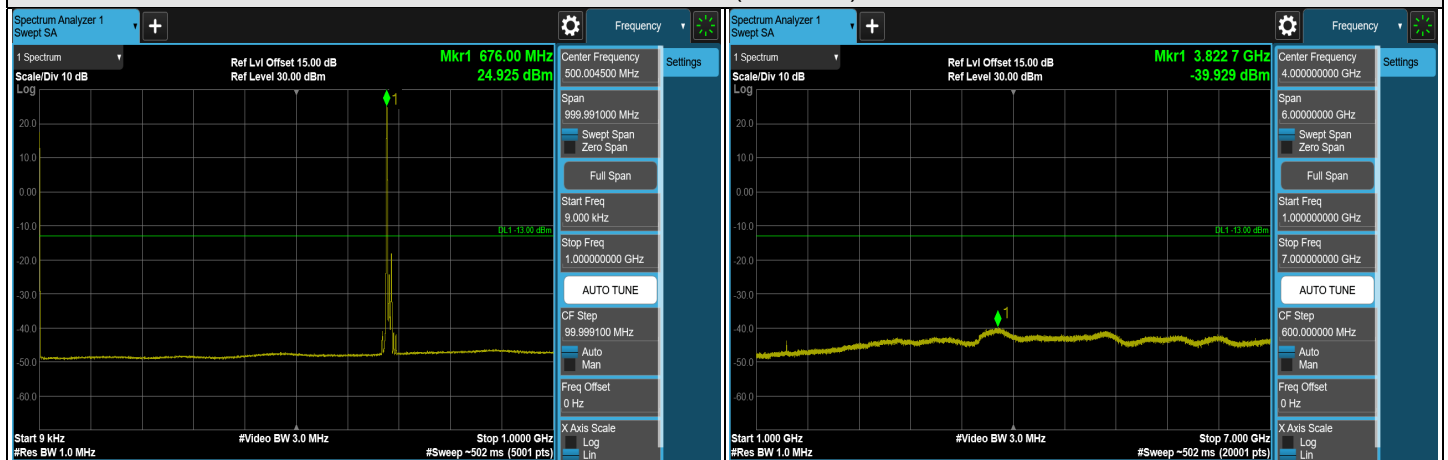
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



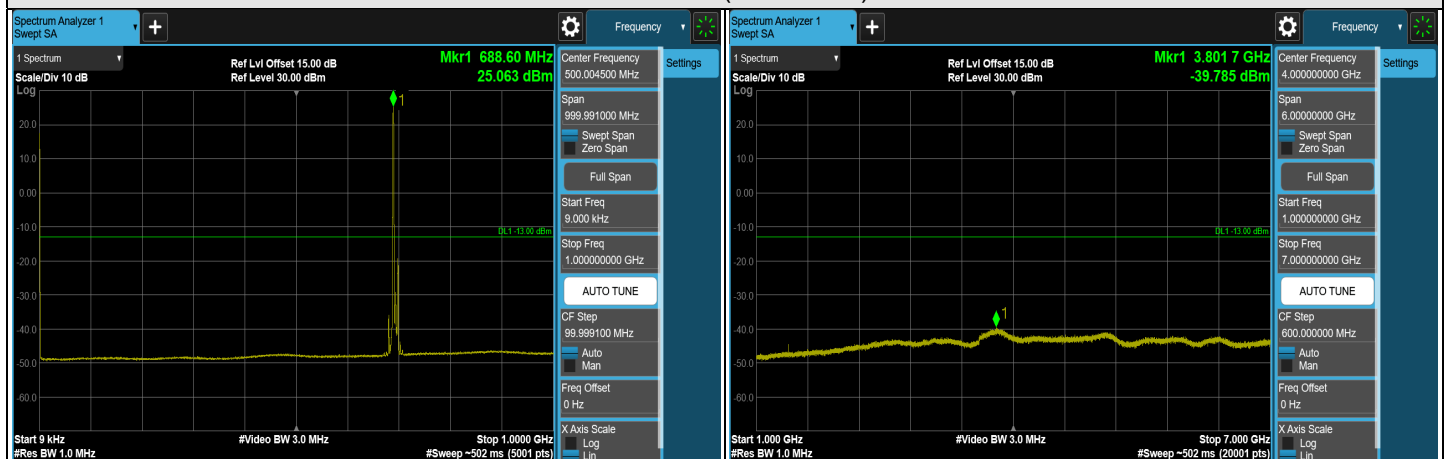
LTE Band 71, Channel Bandwidth: 10 MHz



CH 133172 (668 MHz)

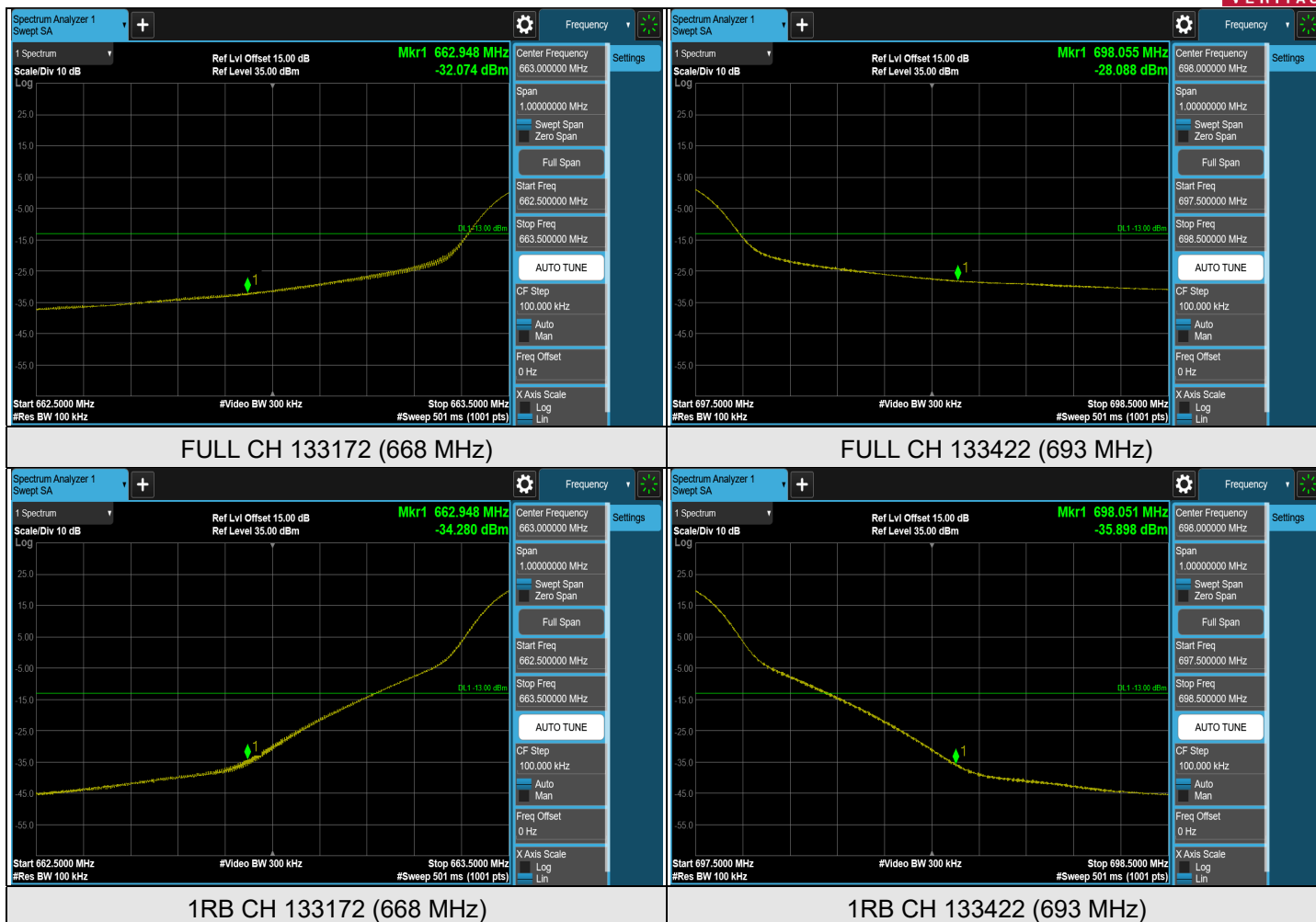


CH 133297 (680.5 MHz)

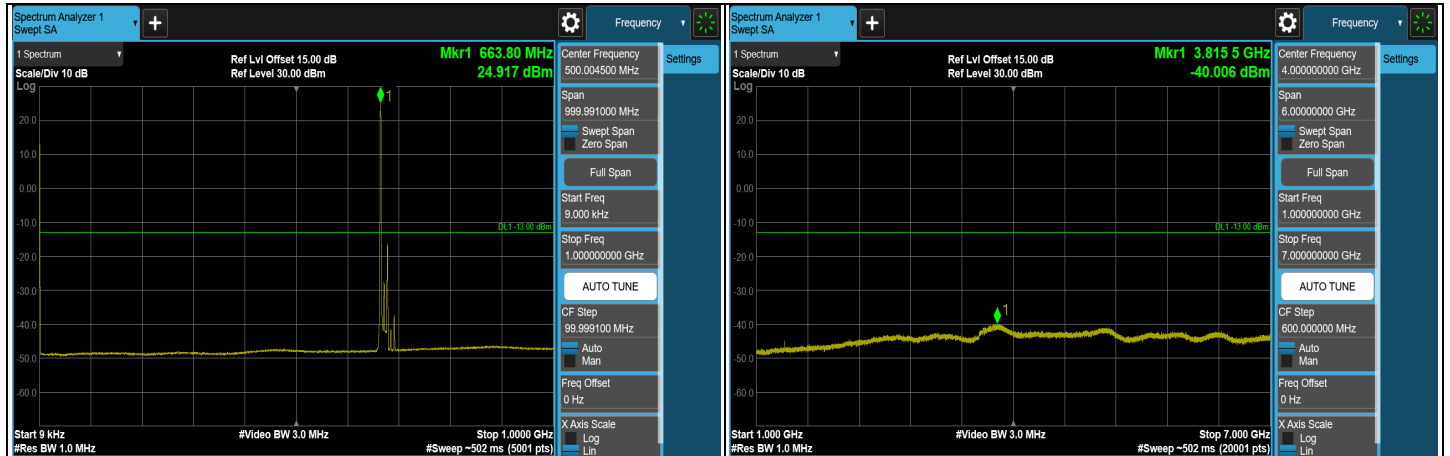


CH 133422 (693 MHz)

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



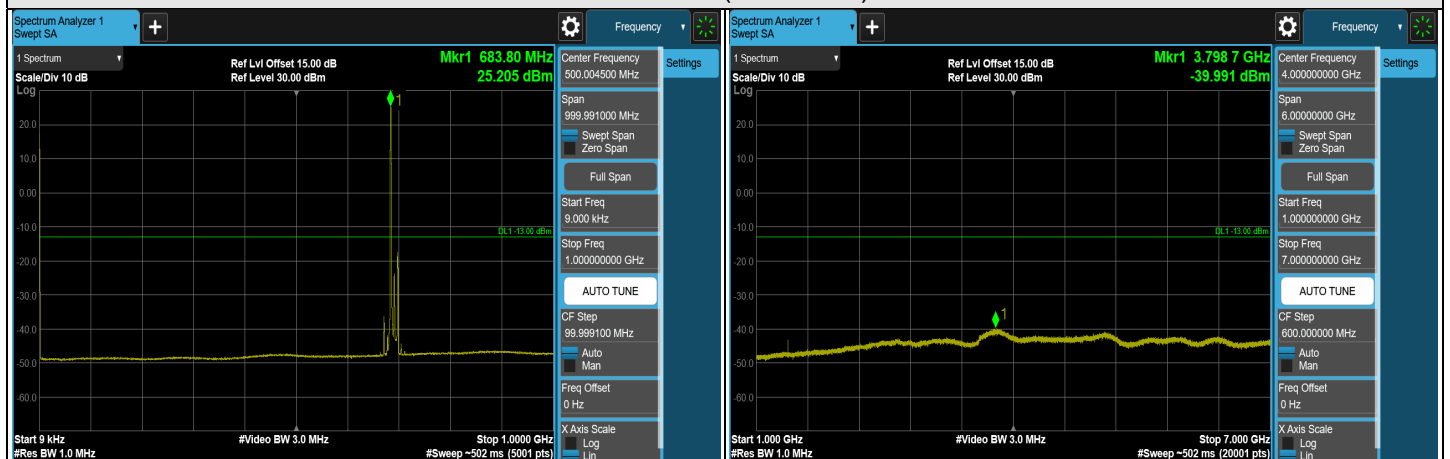
LTE Band 71, Channel Bandwidth: 15 MHz



CH 133197 (670.5 MHz)

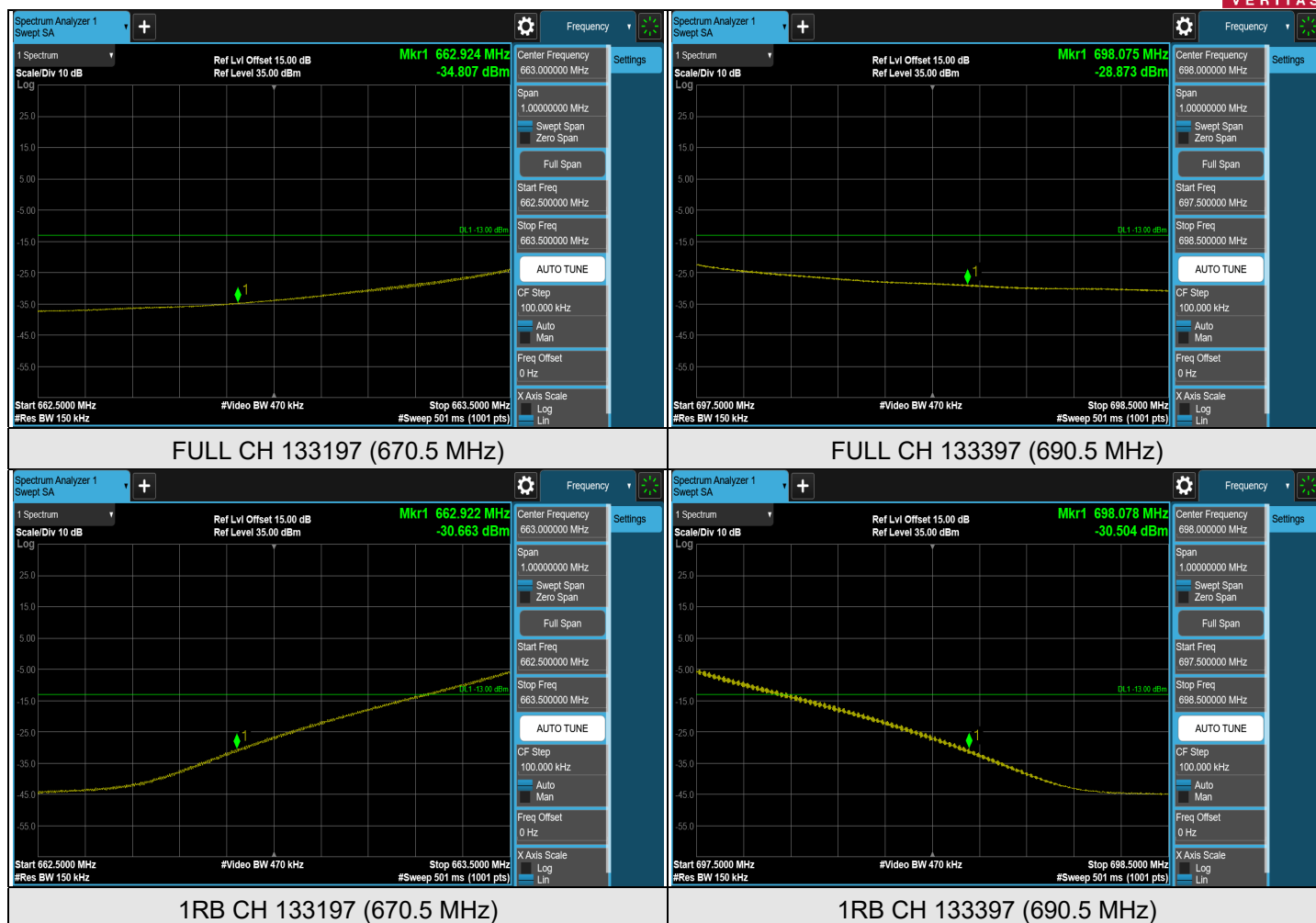


CH 133297 (680.5 MHz)

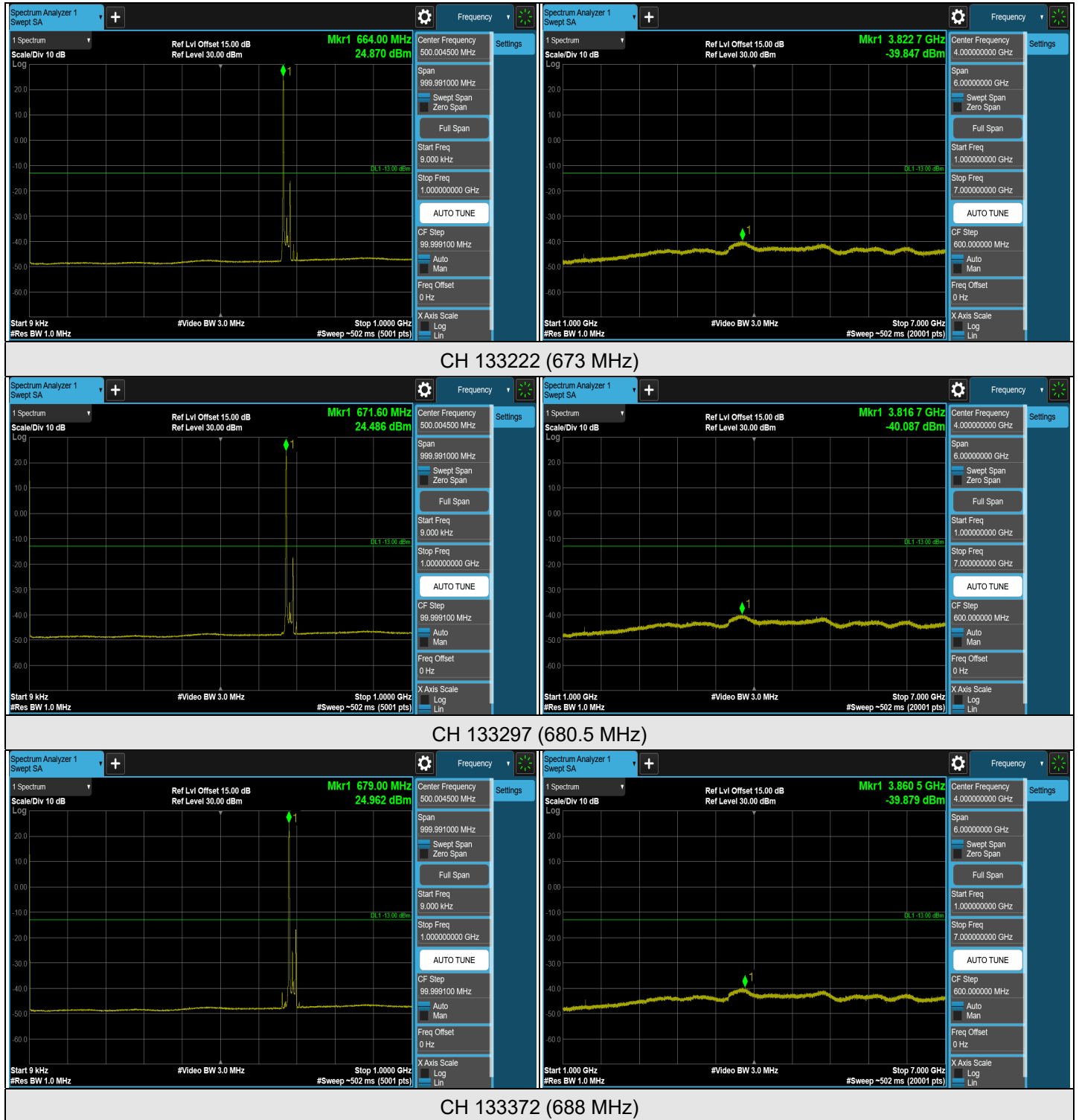


CH 133397 (690.5 MHz)

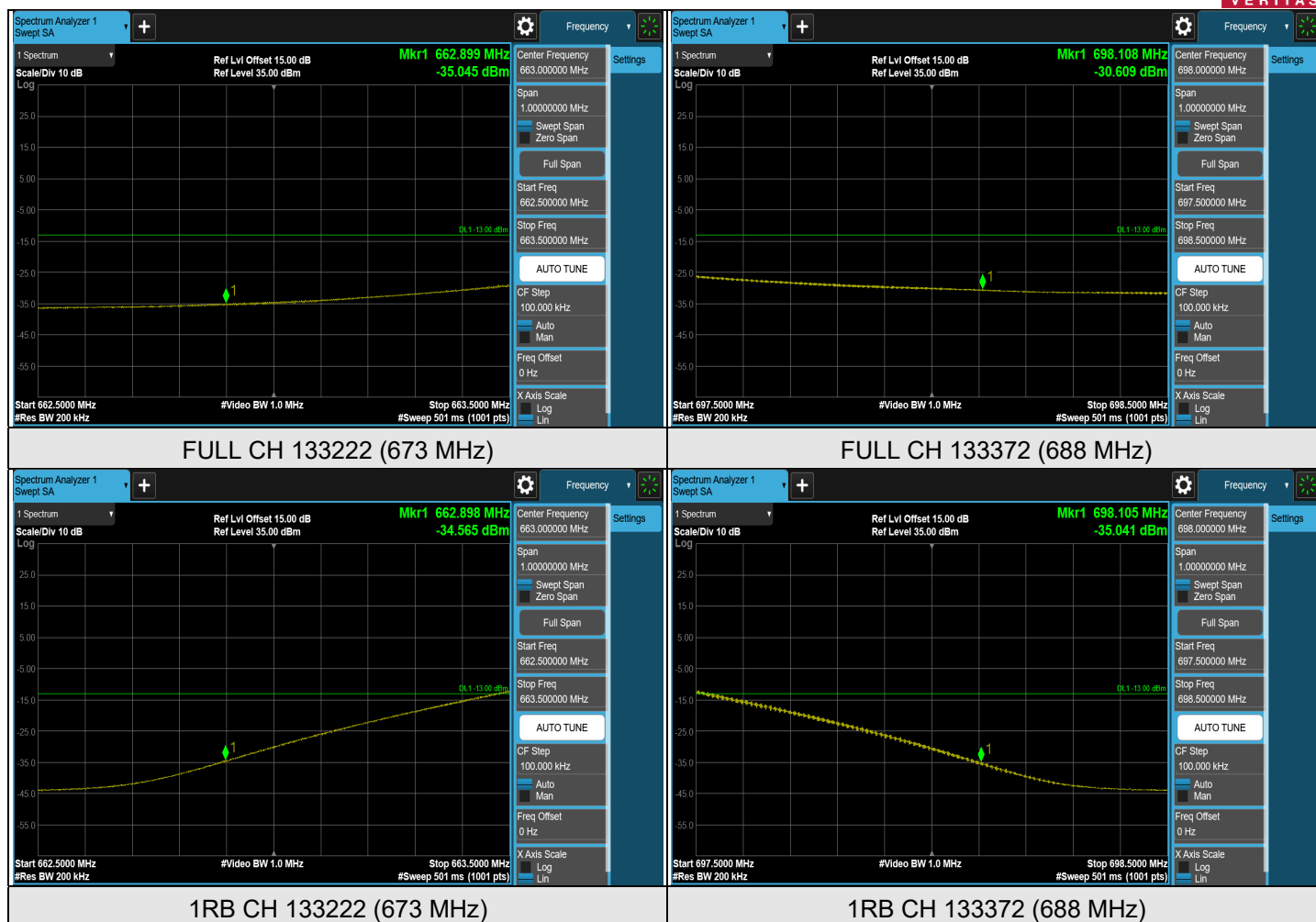
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



LTE Band 71, Channel Bandwidth: 20 MHz



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



7.6 Radiated Spurious Emissions below 1GHz

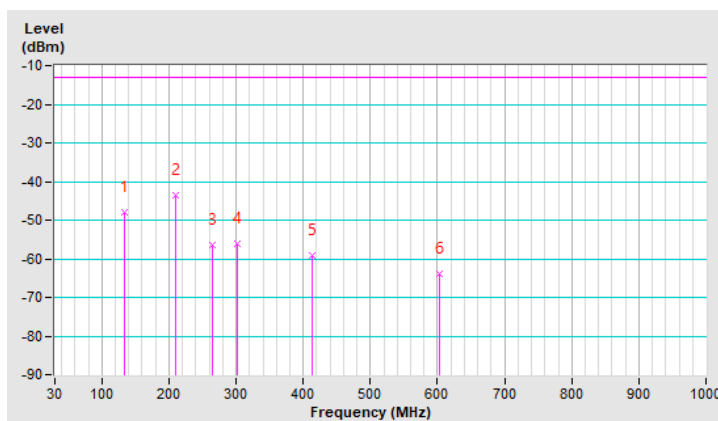
7.6.1 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	Channel	CH 18700 : 1860 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	134.22	-48.02	-13.00	-35.02	1.16 H	182	65.74	-113.76
2	210.08	-43.54	-13.00	-30.54	1.16 H	151	72.61	-116.15
3	264.38	-56.29	-13.00	-43.29	1.97 H	122	57.47	-113.76
4	302.81	-56.23	-13.00	-43.23	1.58 H	286	56.17	-112.40
5	414.14	-59.23	-13.00	-46.23	1.05 H	100	50.52	-109.75
6	603.81	-64.01	-13.00	-51.01	1.45 H	307	41.59	-105.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

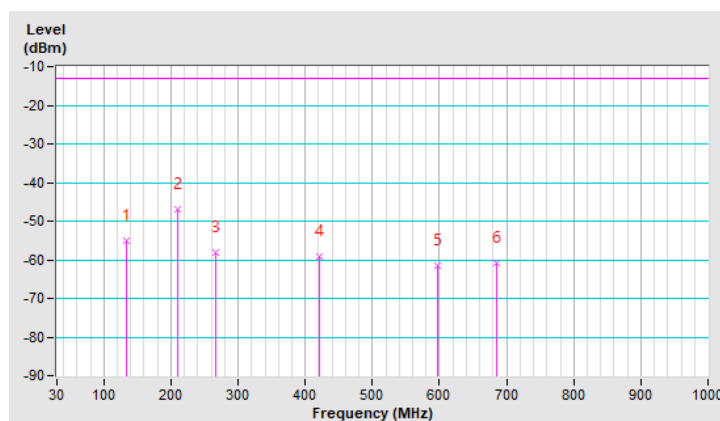


RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	Channel	CH 18700 : 1860 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	133.96	-55.02	-13.00	-42.02	1.76 V	107	58.74	-113.76
2	210.18	-46.96	-13.00	-33.96	1.14 V	84	69.18	-116.14
3	267.02	-58.11	-13.00	-45.11	1.59 V	208	55.48	-113.59
4	421.12	-59.00	-13.00	-46.00	1.09 V	178	50.48	-109.48
5	597.84	-61.68	-13.00	-48.68	1.56 V	117	44.03	-105.71
6	684.32	-60.89	-13.00	-47.89	1.45 V	107	43.82	-104.71

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



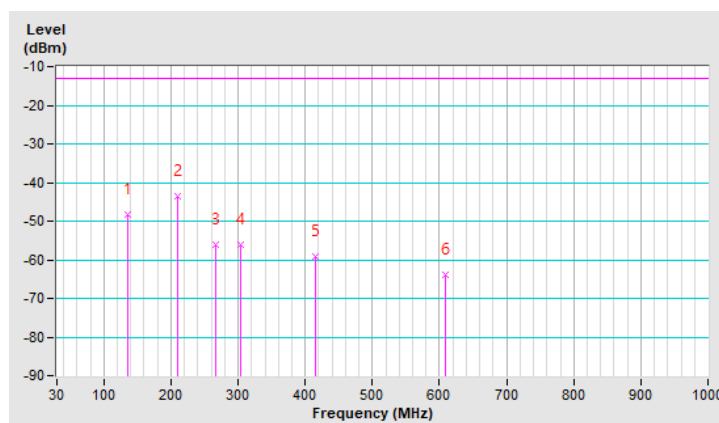
7.6.2 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	Channel	CH 20375 : 1752.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	135.26	-48.16	-13.00	-35.16	1.13 H	154	65.57	-113.73
2	210.14	-43.44	-13.00	-30.44	1.45 H	115	72.71	-116.15
3	266.84	-56.14	-13.00	-43.14	1.82 H	208	57.47	-113.61
4	304.59	-56.11	-13.00	-43.11	1.12 H	152	56.23	-112.34
5	415.54	-59.28	-13.00	-46.28	1.67 H	109	50.44	-109.72
6	608.44	-63.87	-13.00	-50.87	1.05 H	146	41.59	-105.46

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

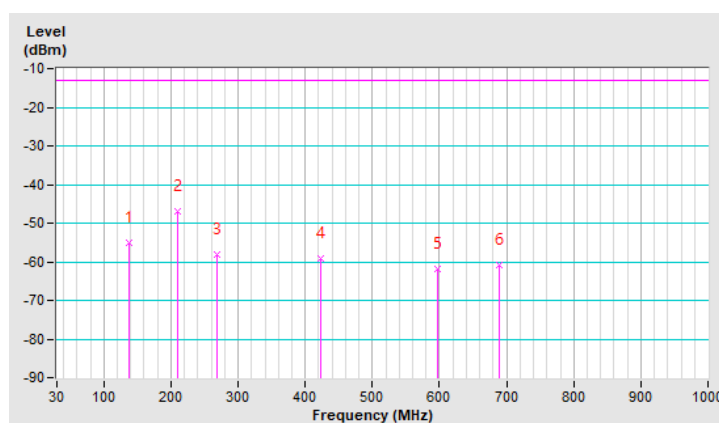


RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	Channel	CH 20375 : 1752.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	137.48	-55.12	-13.00	-42.12	1.53 V	226	58.42	-113.54
2	208.97	-46.88	-13.00	-33.88	1.16 V	154	69.29	-116.17
3	268.11	-58.16	-13.00	-45.16	1.99 V	181	55.38	-113.54
4	422.25	-59.16	-13.00	-46.16	1.05 V	187	50.28	-109.44
5	596.68	-61.77	-13.00	-48.77	1.45 V	105	43.95	-105.72
6	688.48	-61.01	-13.00	-48.01	1.45 V	104	43.61	-104.62

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



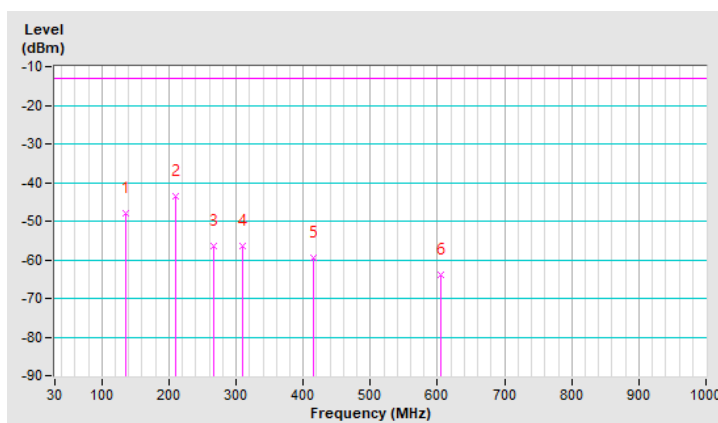
7.6.3 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	Channel	CH 20600 : 844 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	136.33	-48.00	-13.00	-35.00	1.15 H	154	67.74	-115.74
2	210.05	-43.55	-13.00	-30.55	1.16 H	154	74.75	-118.30
3	266.65	-56.33	-13.00	-43.33	1.17 H	48	59.44	-115.77
4	310.25	-56.28	-13.00	-43.28	1.14 H	215	58.04	-114.32
5	415.54	-59.33	-13.00	-46.33	1.56 H	111	52.54	-111.87
6	604.54	-64.05	-13.00	-51.05	1.73 H	207	43.68	-107.73

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

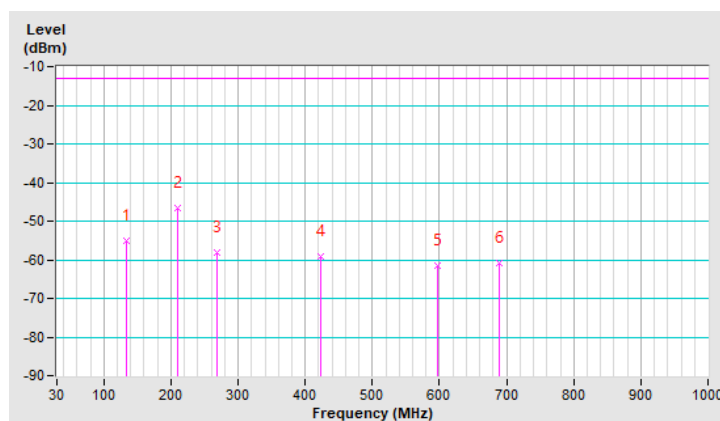


RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	Channel	CH 20600 : 844 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	134.48	-55.01	-13.00	-42.01	1.45 V	115	60.91	-115.92
2	210.14	-46.77	-13.00	-33.77	1.18 V	325	71.53	-118.30
3	268.14	-58.16	-13.00	-45.16	1.06 V	115	57.53	-115.69
4	422.25	-59.14	-13.00	-46.14	1.15 V	111	52.45	-111.59
5	597.84	-61.66	-13.00	-48.66	1.35 V	108	46.20	-107.86
6	688.54	-60.74	-13.00	-47.74	1.45 V	106	46.03	-106.77

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



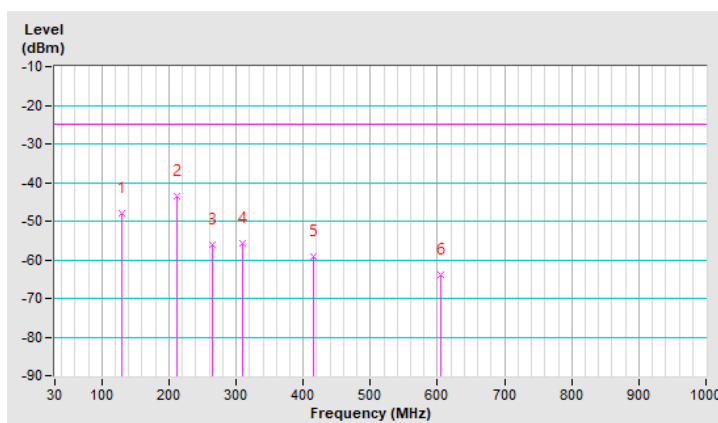
7.6.4 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21350 : 2560 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	129.94	-47.87	-25.00	-22.87	1.52 H	211	66.36	-114.23
2	211.15	-43.55	-25.00	-18.55	1.05 H	113	72.58	-116.13
3	265.29	-56.14	-25.00	-31.14	1.34 H	141	57.56	-113.70
4	310.00	-55.88	-25.00	-30.88	1.18 H	121	56.30	-112.18
5	415.54	-59.20	-25.00	-34.20	1.05 H	200	50.52	-109.72
6	605.54	-64.00	-25.00	-39.00	1.48 H	111	41.56	-105.56

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

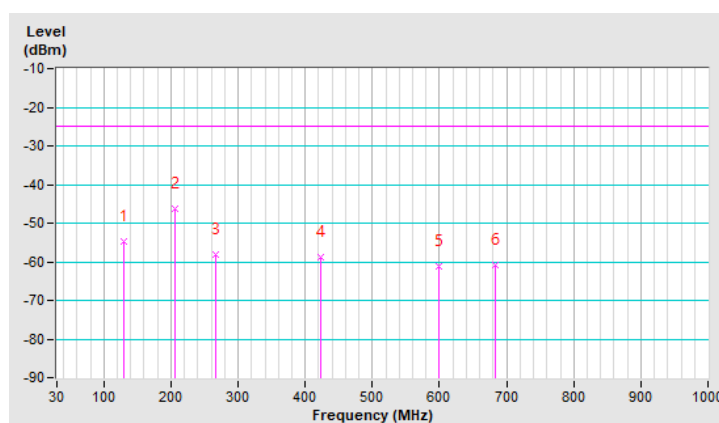


RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21350 : 2560 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

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	130.52	-54.87	-25.00	-29.87	1.64 V	282	59.27	-114.14
2	205.54	-46.44	-25.00	-21.44	1.16 V	154	69.81	-116.25
3	266.64	-58.03	-25.00	-33.03	1.35 V	209	55.59	-113.62
4	422.25	-58.82	-25.00	-33.82	1.54 V	107	50.62	-109.44
5	598.87	-61.12	-25.00	-36.12	1.45 V	306	44.59	-105.71
6	684.14	-60.77	-25.00	-35.77	1.45 V	104	43.94	-104.71

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



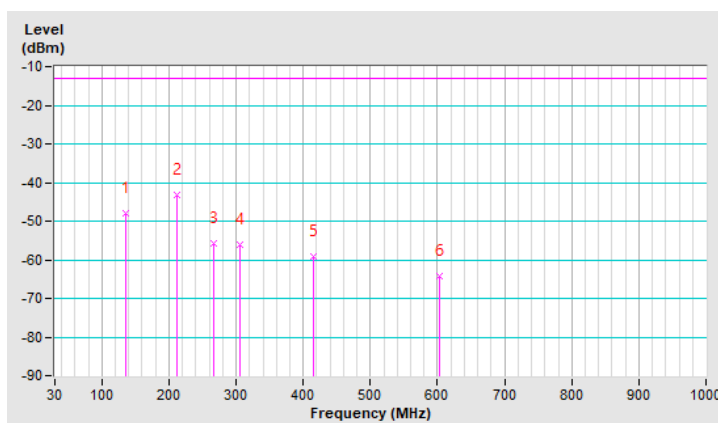
7.6.5 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23060 : 704 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	135.48	-47.84	-13.00	-34.84	1.05 H	100	53.08	-100.92
2	211.15	-43.16	-13.00	-30.16	1.05 H	319	57.76	-100.92
3	265.82	-55.82	-13.00	-42.82	1.54 H	117	45.10	-100.92
4	305.22	-56.17	-13.00	-43.17	1.19 H	164	44.75	-100.92
5	414.45	-59.22	-13.00	-46.22	1.02 H	200	41.70	-100.92
6	603.32	-64.19	-13.00	-51.19	1.69 H	199	36.73	-100.92

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

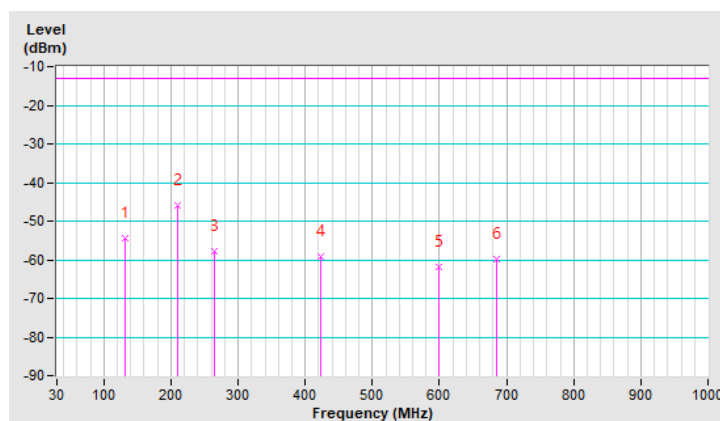


RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23060 : 704 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	130.88	-54.35	-13.00	-41.35	1.59 V	336	46.57	-100.92
2	210.00	-46.00	-13.00	-33.00	1.51 V	166	54.92	-100.92
3	264.81	-57.93	-13.00	-44.93	1.65 V	285	42.99	-100.92
4	422.23	-59.05	-13.00	-46.05	1.58 V	205	41.87	-100.92
5	599.87	-61.78	-13.00	-48.78	1.45 V	316	39.14	-100.92
6	685.55	-59.99	-13.00	-46.99	1.47 V	131	40.93	-100.92

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



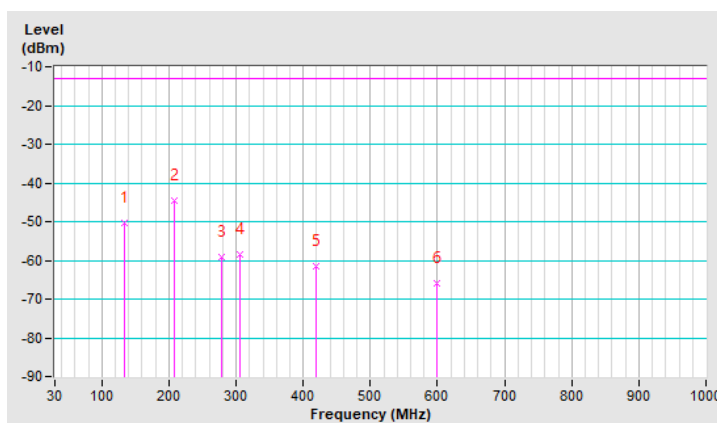
7.6.6 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	133.36	-50.41	-13.00	-37.41	1.56 H	284	65.56	-115.97
2	208.81	-44.59	-13.00	-31.59	1.45 H	142	73.73	-118.32
3	277.48	-59.21	-13.00	-46.21	1.53 H	200	56.06	-115.27
4	305.56	-58.44	-13.00	-45.44	1.63 H	333	56.02	-114.46
5	418.89	-61.62	-13.00	-48.62	1.74 H	177	50.09	-111.71
6	600.00	-65.98	-13.00	-52.98	1.53 H	293	41.87	-107.85

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

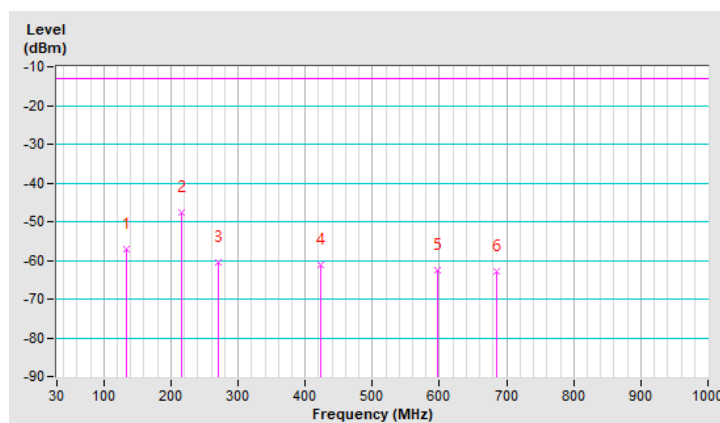


RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	134.45	-57.26	-13.00	-44.26	1.05 V	210	58.66	-115.92
2	215.54	-47.70	-13.00	-34.70	1.59 V	256	70.46	-118.16
3	270.16	-60.48	-13.00	-47.48	1.38 V	336	55.08	-115.56
4	422.54	-61.15	-13.00	-48.15	1.45 V	185	50.43	-111.58
5	597.44	-62.43	-13.00	-49.43	1.25 V	222	45.44	-107.87
6	685.02	-62.91	-13.00	-49.91	1.79 V	185	43.92	-106.83

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



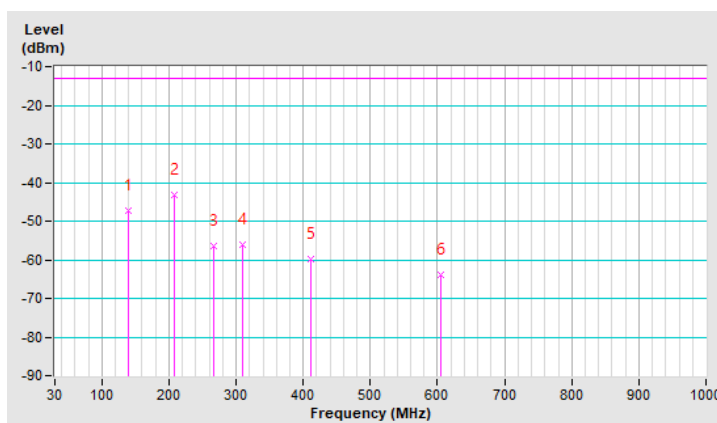
7.6.7 LTE Band 14

RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	Channel	CH 23330 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	140.11	-47.37	-13.00	-34.37	1.59 H	100	53.55	-100.92
2	208.64	-43.18	-13.00	-30.18	1.45 H	101	57.74	-100.92
3	266.65	-56.61	-13.00	-43.61	1.55 H	159	44.31	-100.92
4	310.15	-56.02	-13.00	-43.02	1.72 H	177	44.90	-100.92
5	410.52	-59.88	-13.00	-46.88	1.78 H	300	41.04	-100.92
6	605.59	-63.88	-13.00	-50.88	1.45 H	179	37.04	-100.92

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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 ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

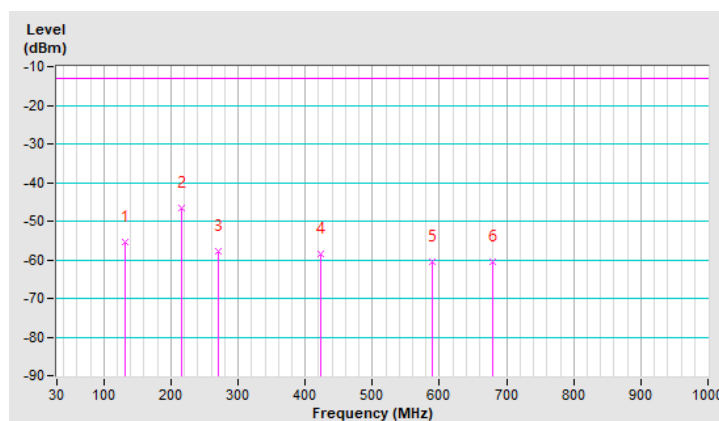


RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	Channel	CH 23330 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	132.62	-55.27	-13.00	-42.27	1.75 V	104	45.65	-100.92
2	215.56	-46.55	-13.00	-33.55	1.53 V	296	54.37	-100.92
3	269.94	-57.81	-13.00	-44.81	1.44 V	145	43.11	-100.92
4	422.26	-58.42	-13.00	-45.42	1.67 V	7	42.50	-100.92
5	588.80	-60.59	-13.00	-47.59	1.05 V	240	40.33	-100.92
6	678.87	-60.63	-13.00	-47.63	1.53 V	263	40.29	-100.92

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + $20\log(D) - 104.8 - 2.15$
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



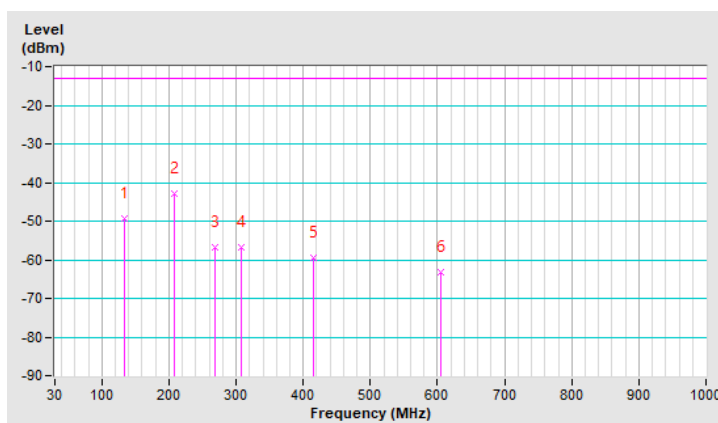
7.6.8 LTE Band 17

RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	Channel	CH 23790 : 710 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	132.84	-49.36	-13.00	-36.36	1.56 H	100	51.56	-100.92
2	208.64	-42.88	-13.00	-29.88	1.45 H	208	58.04	-100.92
3	268.88	-56.69	-13.00	-43.69	1.53 H	200	44.23	-100.92
4	308.54	-56.74	-13.00	-43.74	1.45 H	204	44.18	-100.92
5	415.55	-59.45	-13.00	-46.45	1.45 H	230	41.47	-100.92
6	605.54	-63.14	-13.00	-50.14	1.35 H	177	37.78	-100.92

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

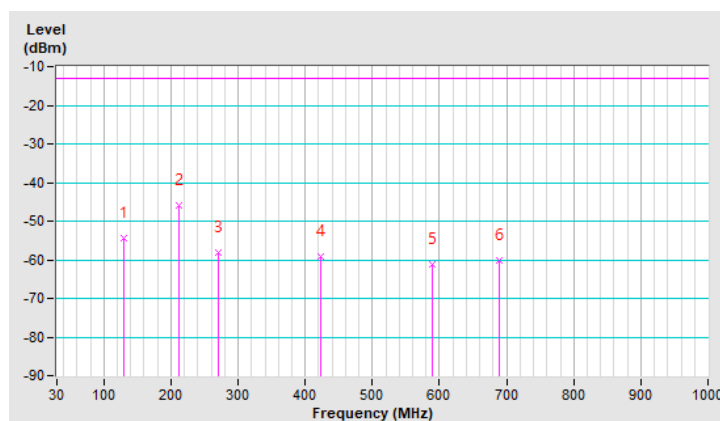


RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	Channel	CH 23790 : 710 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	130.30	-54.35	-13.00	-41.35	1.56 V	201	46.57	-100.92
2	211.90	-45.82	-13.00	-32.82	1.53 V	167	55.10	-100.92
3	270.29	-58.26	-13.00	-45.26	1.53 V	338	42.66	-100.92
4	422.22	-59.01	-13.00	-46.01	1.75 V	170	41.91	-100.92
5	588.89	-61.20	-13.00	-48.20	1.55 V	166	39.72	-100.92
6	688.84	-60.29	-13.00	-47.29	1.45 V	247	40.63	-100.92

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + $20\log(D) - 104.8 - 2.15$
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



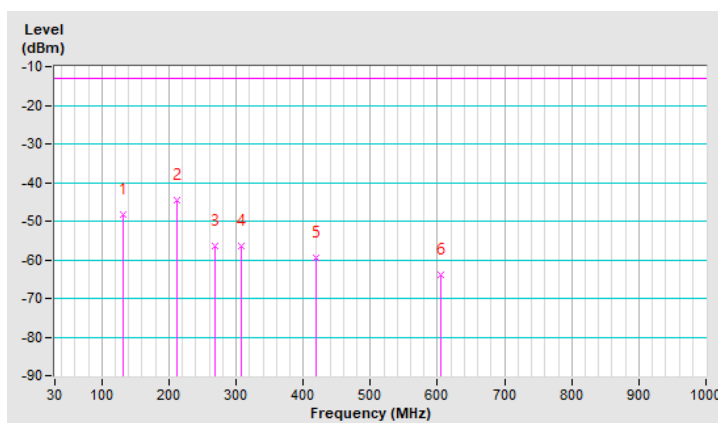
7.6.9 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26590 : 1905 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	132.25	-48.29	-13.00	-35.29	1.41 H	84	65.75	-114.04
2	211.44	-44.49	-13.00	-31.49	1.56 H	116	71.62	-116.11
3	268.88	-56.30	-13.00	-43.30	1.63 H	209	57.19	-113.49
4	308.54	-56.33	-13.00	-43.33	1.16 H	290	55.89	-112.22
5	418.87	-59.38	-13.00	-46.38	1.54 H	100	50.18	-109.56
6	604.44	-64.00	-13.00	-51.00	1.45 H	174	41.58	-105.58

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

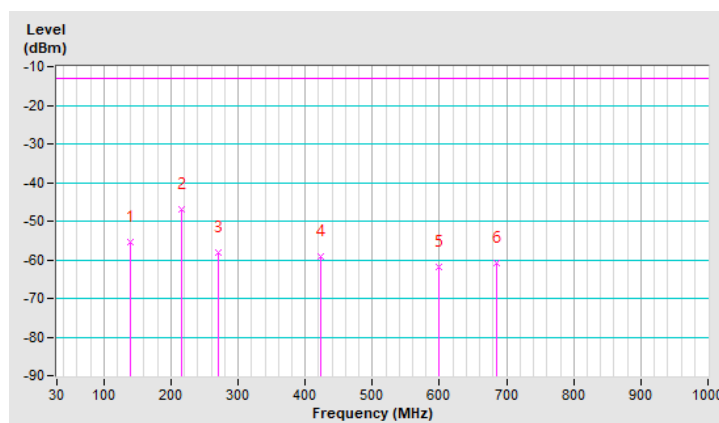


RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26590 : 1905 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	139.94	-55.27	-13.00	-42.27	1.45 V	113	58.13	-113.40
2	216.64	-47.00	-13.00	-34.00	1.05 V	277	69.00	-116.00
3	269.94	-58.23	-13.00	-45.23	1.45 V	113	55.19	-113.42
4	422.28	-59.11	-13.00	-46.11	1.45 V	109	50.33	-109.44
5	598.87	-61.70	-13.00	-48.70	1.45 V	108	44.01	-105.71
6	684.44	-60.99	-13.00	-47.99	1.53 V	209	43.72	-104.71

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.6.10 LTE Band 26 (Part 22)

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	Channel	CH 26865 : 831.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Charles Hsiao		

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	135.89	-48.16	-13.00	-35.16	1.25 H	139	67.60	-115.76
2	209.86	-43.64	-13.00	-30.64	2.64 H	187	74.66	-118.30
3	267.24	-56.42	-13.00	-43.42	1.62 H	28	59.31	-115.73
4	309.36	-56.13	-13.00	-43.13	1.62 H	188	58.22	-114.35
5	416.32	-59.24	-13.00	-46.24	1.54 H	101	52.59	-111.83
6	606.36	-63.92	-13.00	-50.92	1.74 H	214	43.76	-107.68

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

