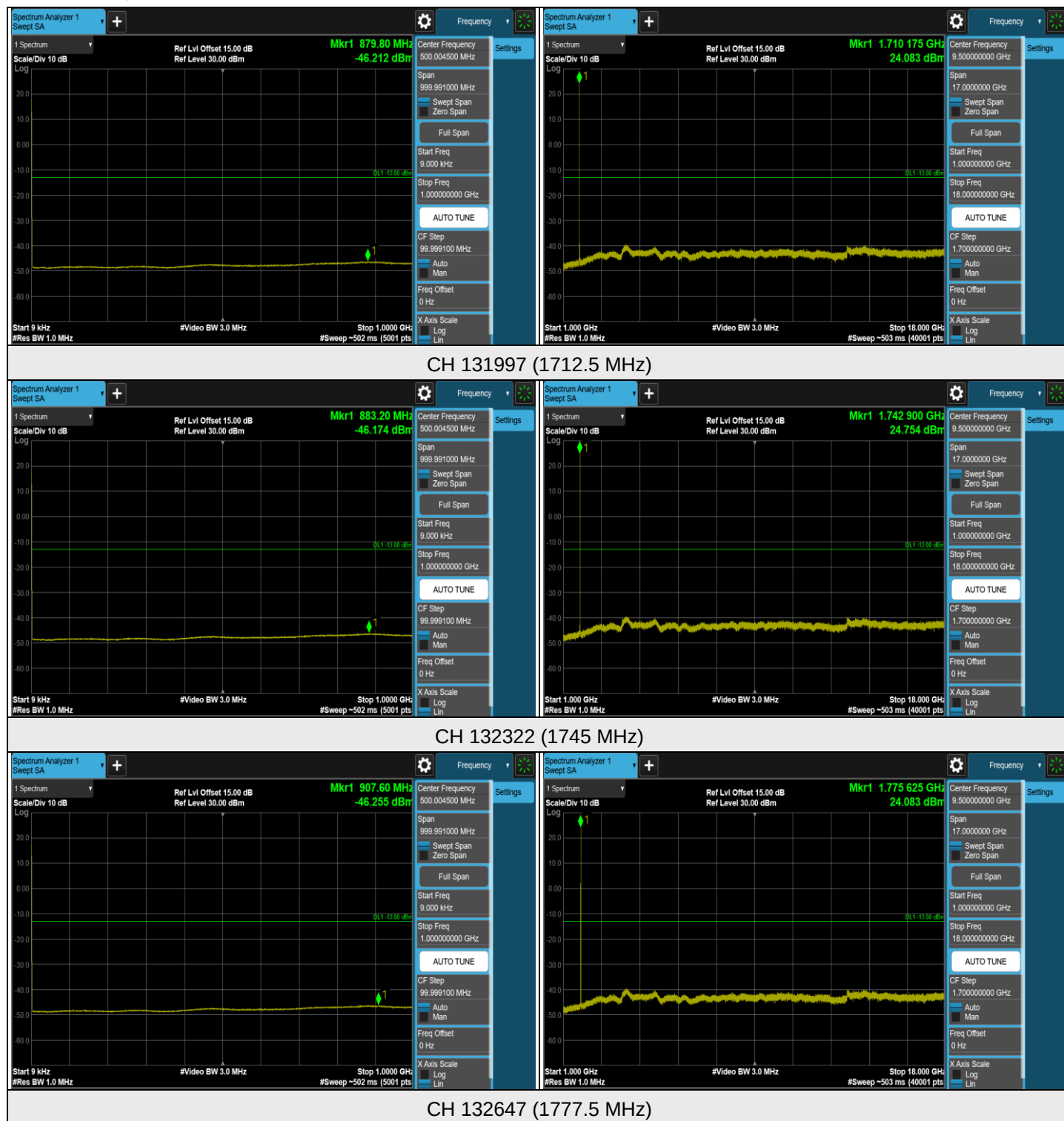
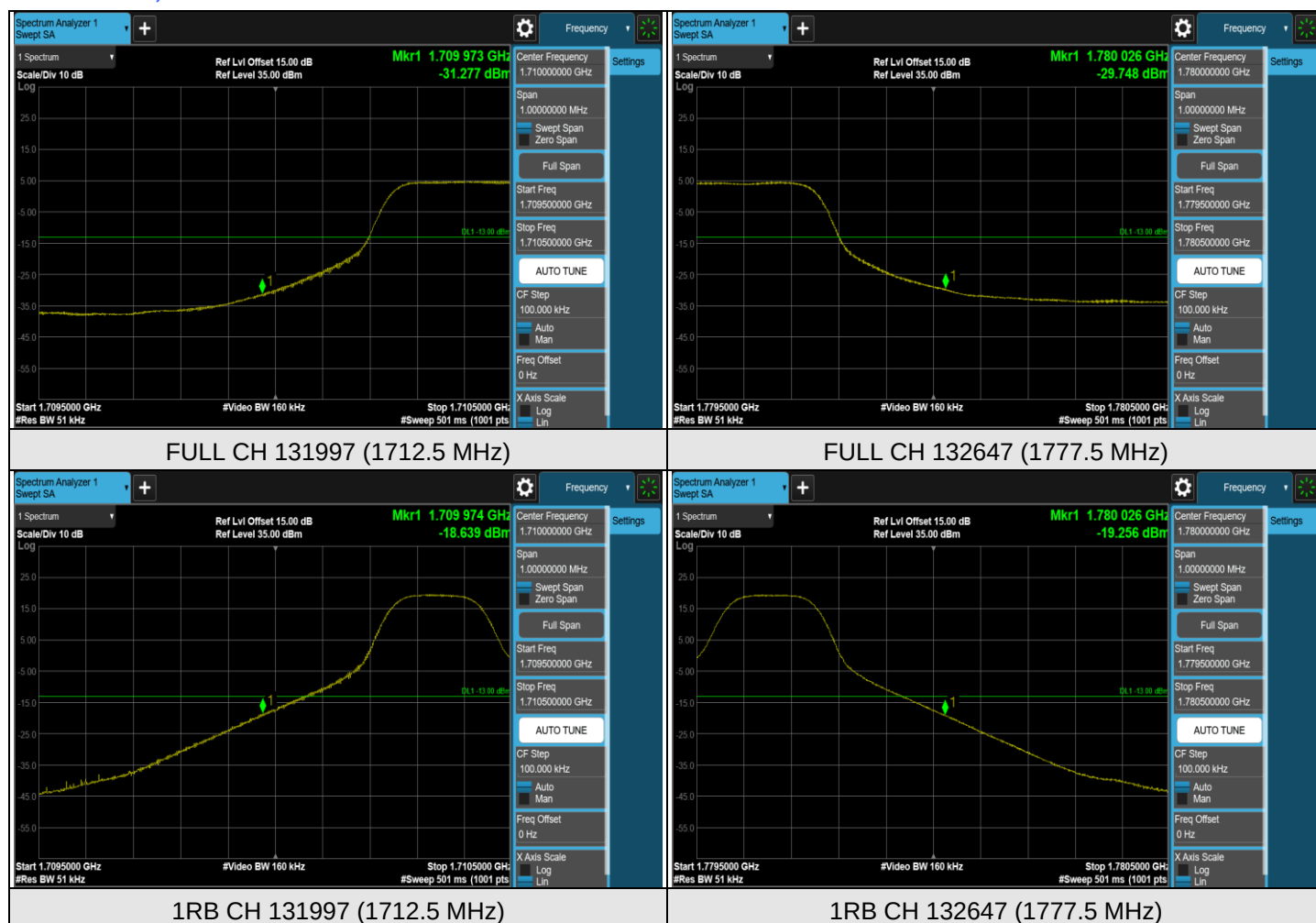


LTE Band 66, Channel Bandwidth: 5 MHz

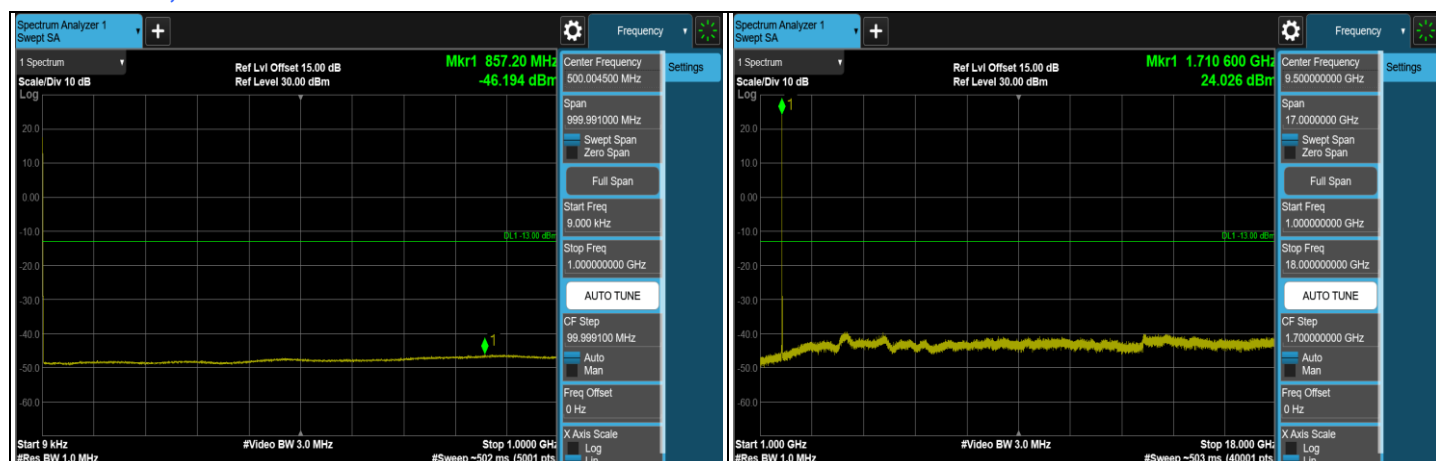


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

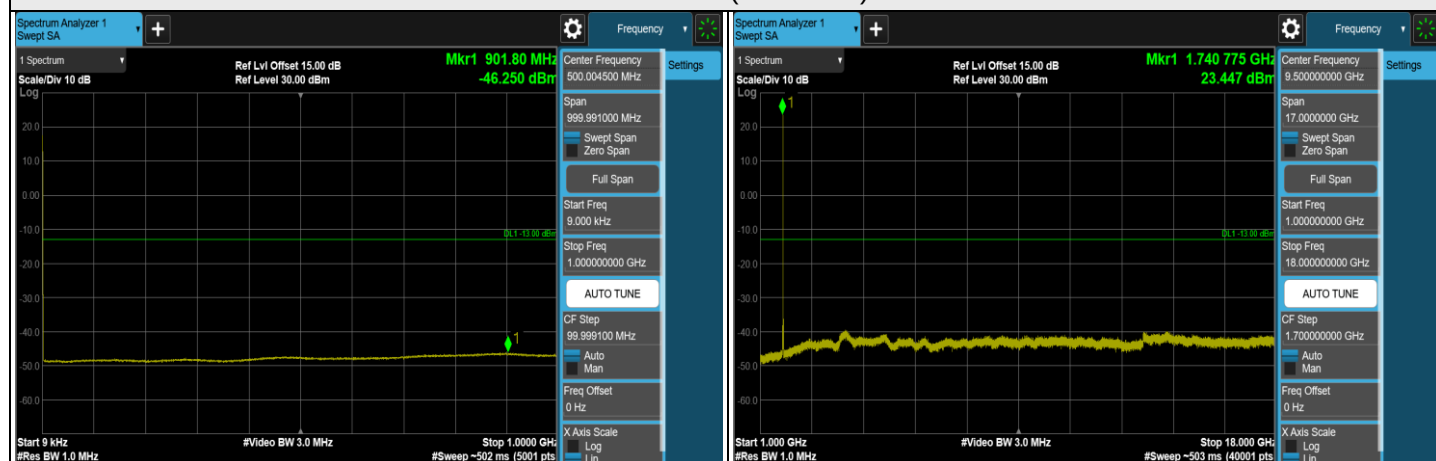
LTE Band 66, Channel Bandwidth: 5 MHz



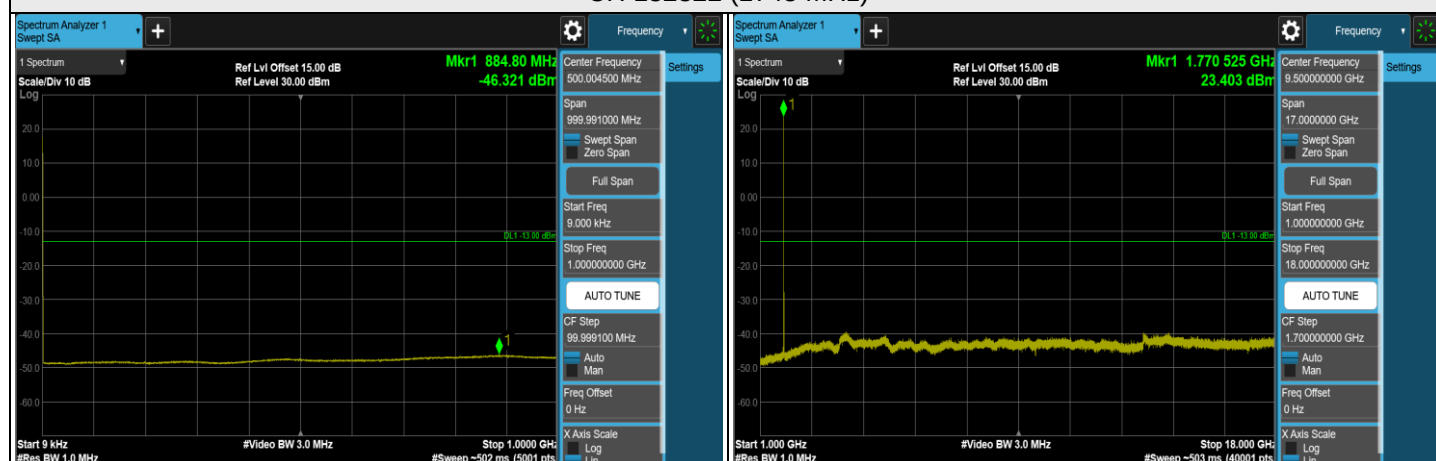
LTE Band 66, Channel Bandwidth: 10 MHz



CH 132022 (1715 MHz)



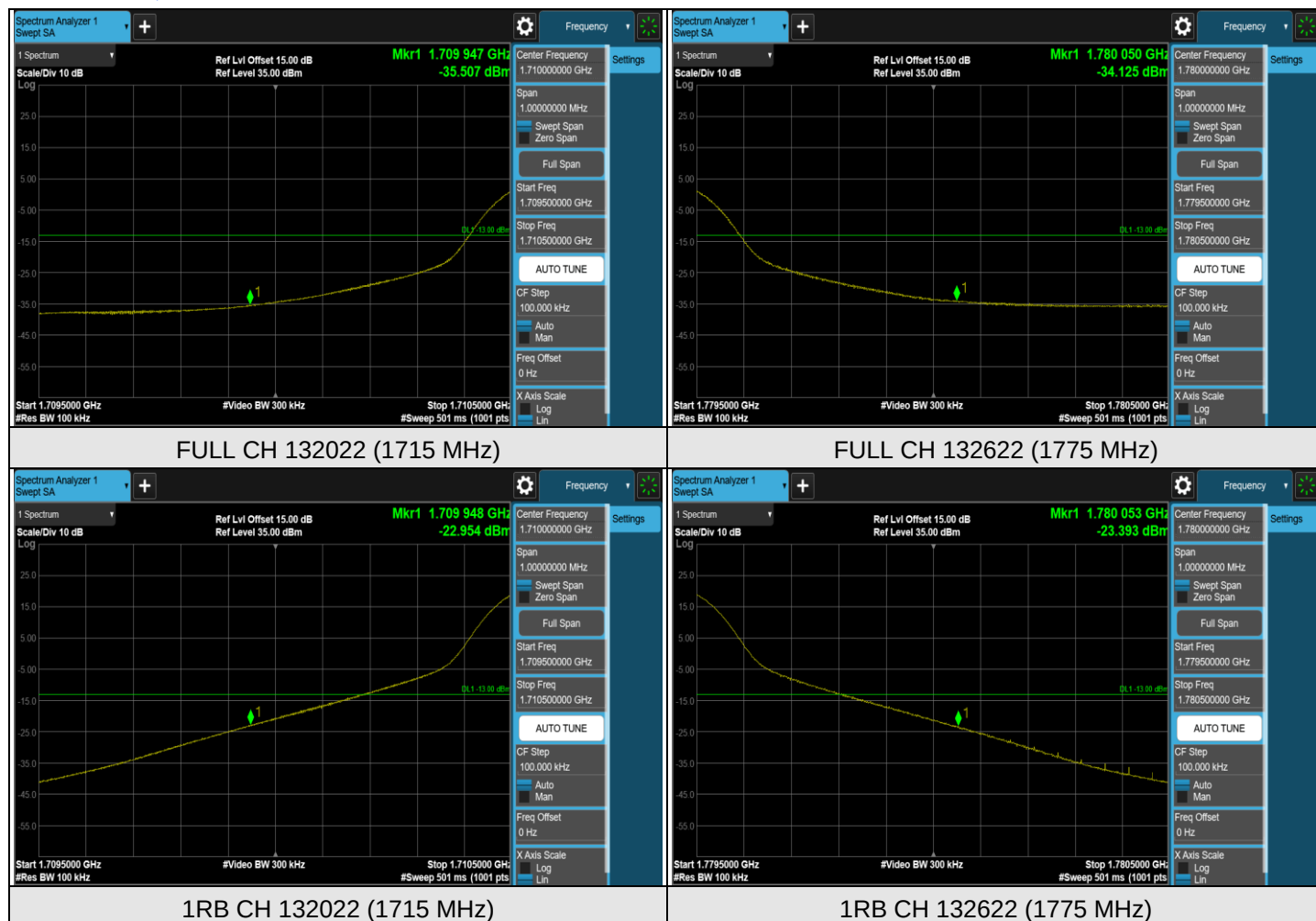
CH 132322 (1745 MHz)



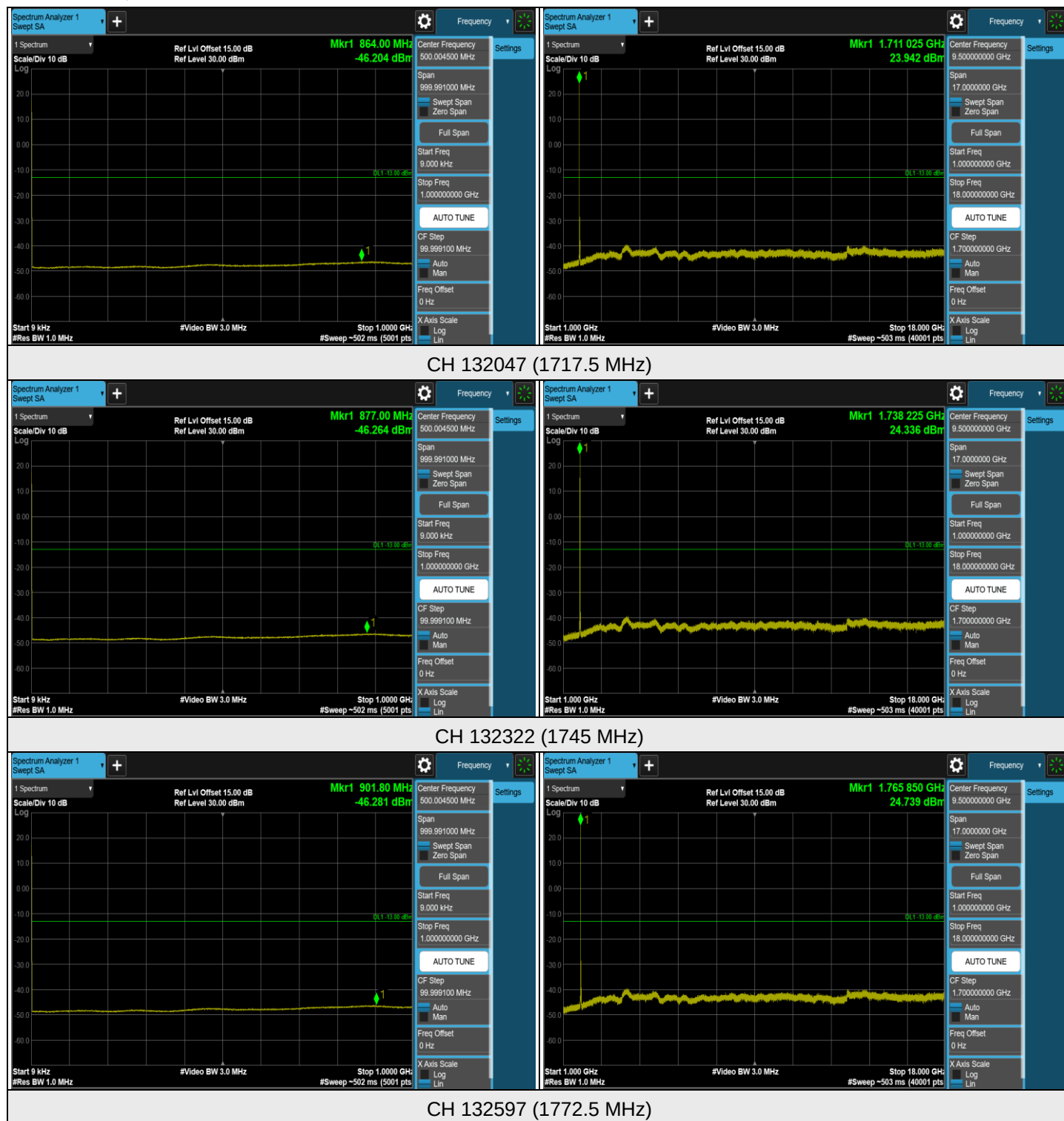
CH 132622 (1775 MHz)

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

LTE Band 66, Channel Bandwidth: 10 MHz

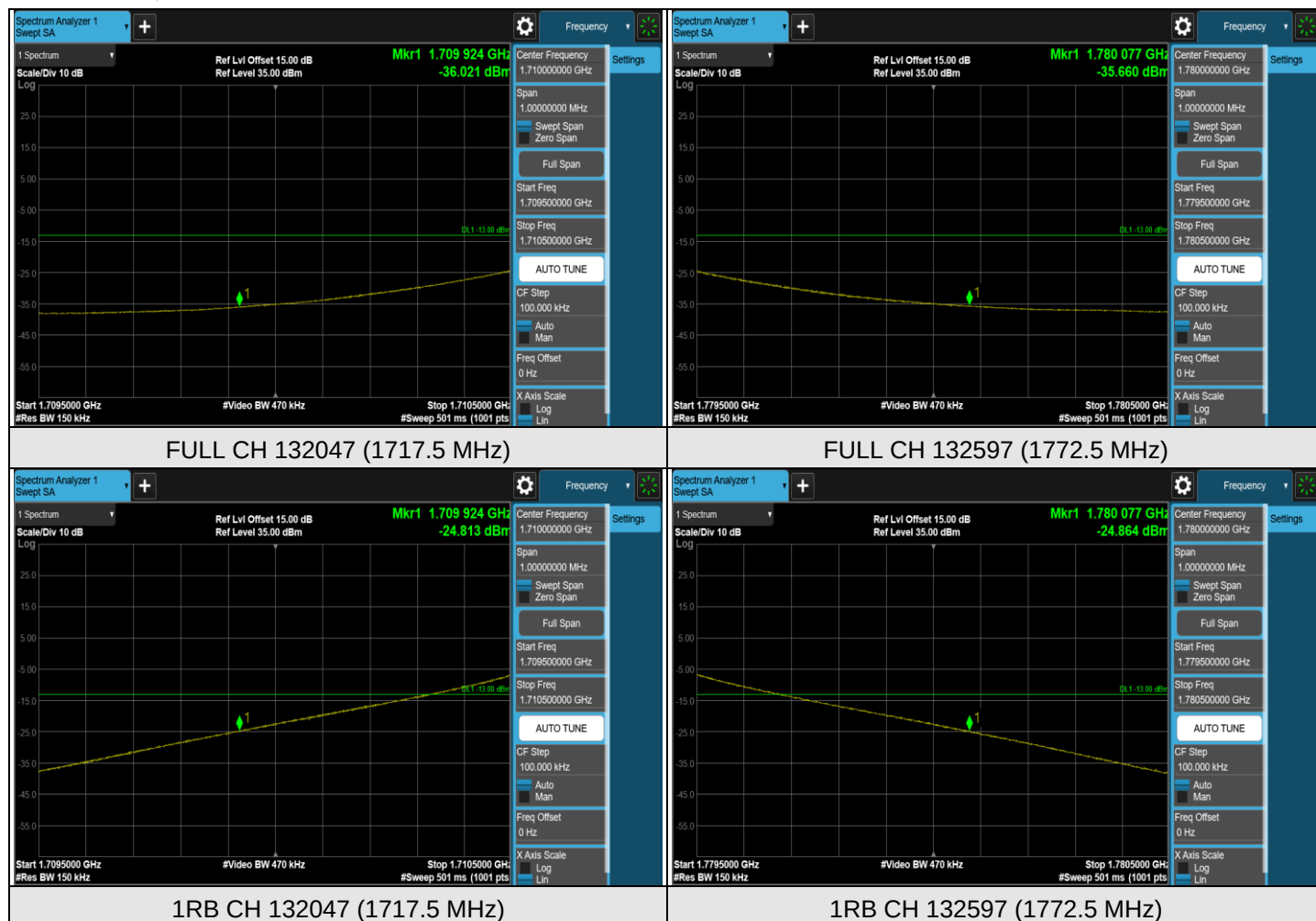


LTE Band 66, Channel Bandwidth: 15 MHz

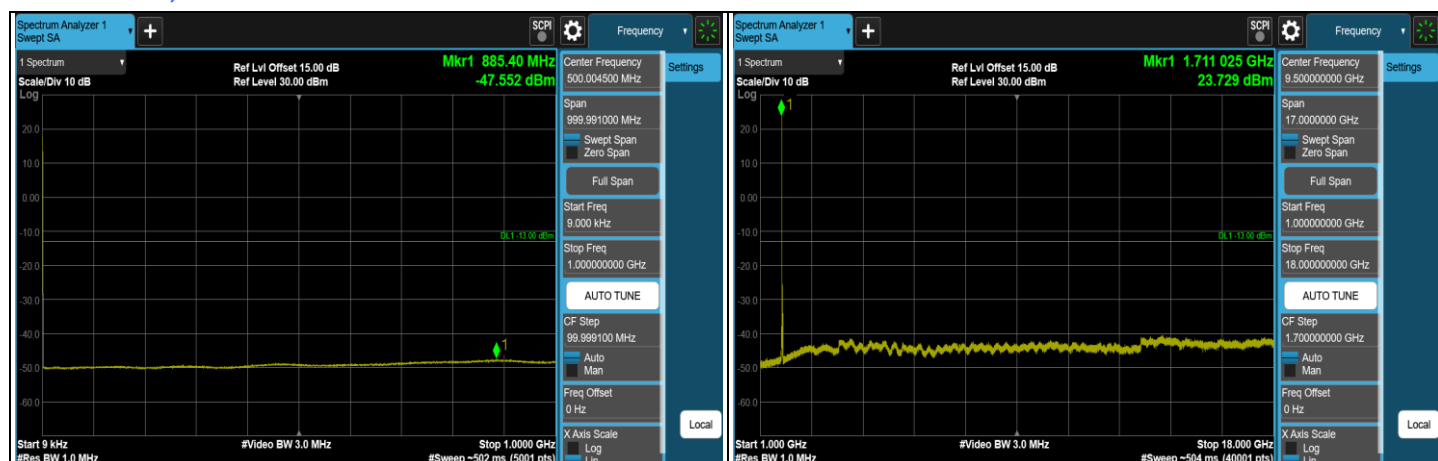


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

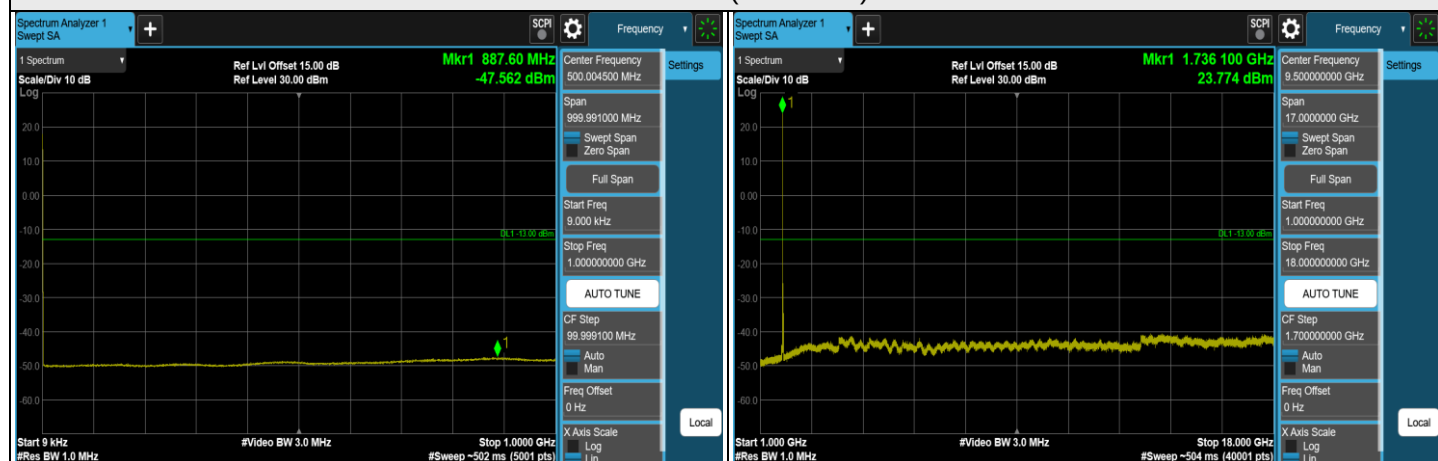
LTE Band 66, Channel Bandwidth: 15 MHz



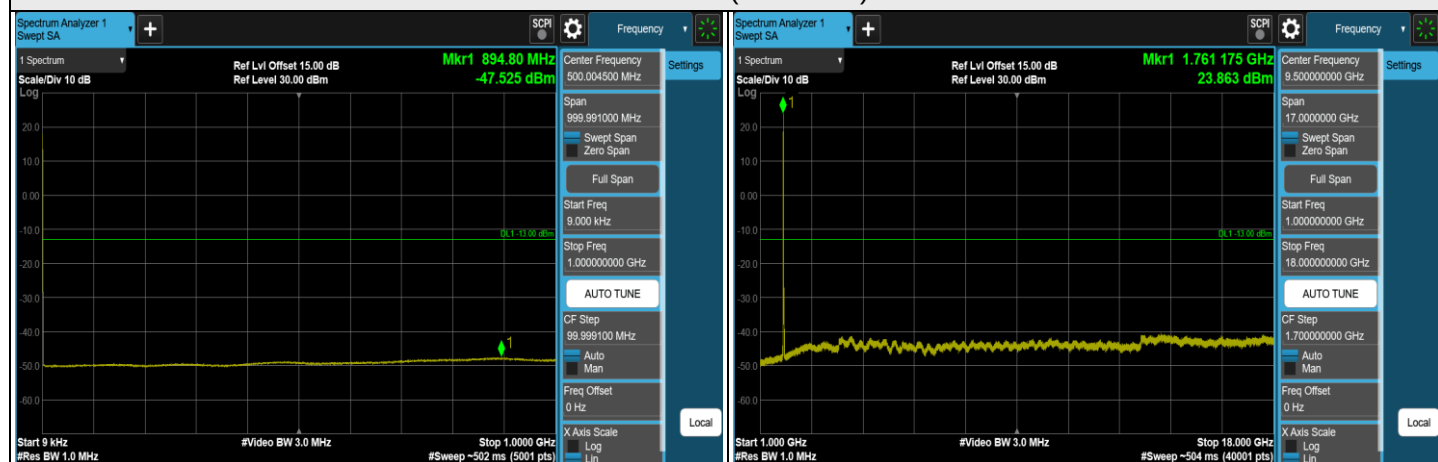
LTE Band 66, Channel Bandwidth: 20 MHz



CH 132072 (1720 MHz)



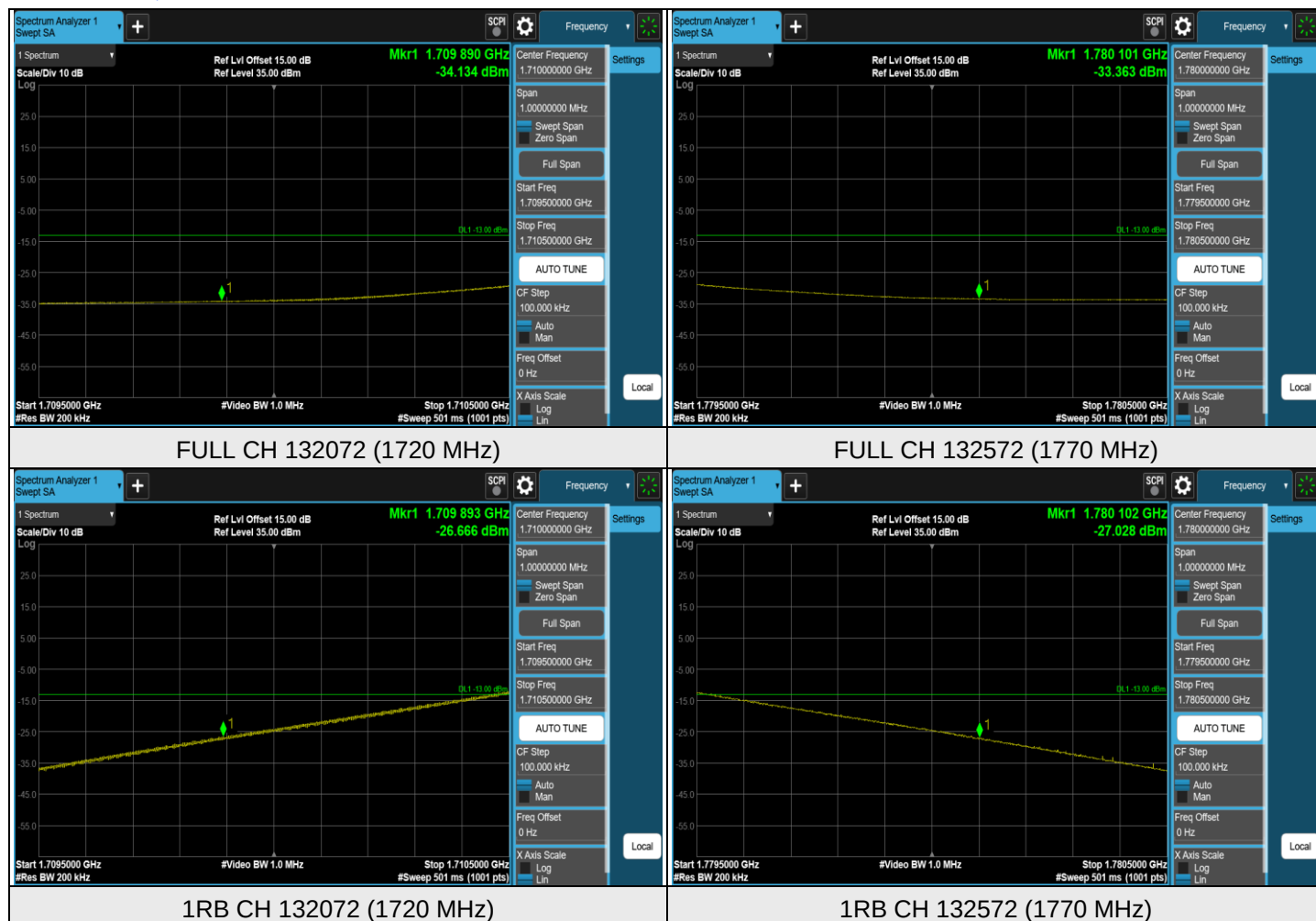
CH 132322 (1745 MHz)



CH 132572 (1770 MHz)

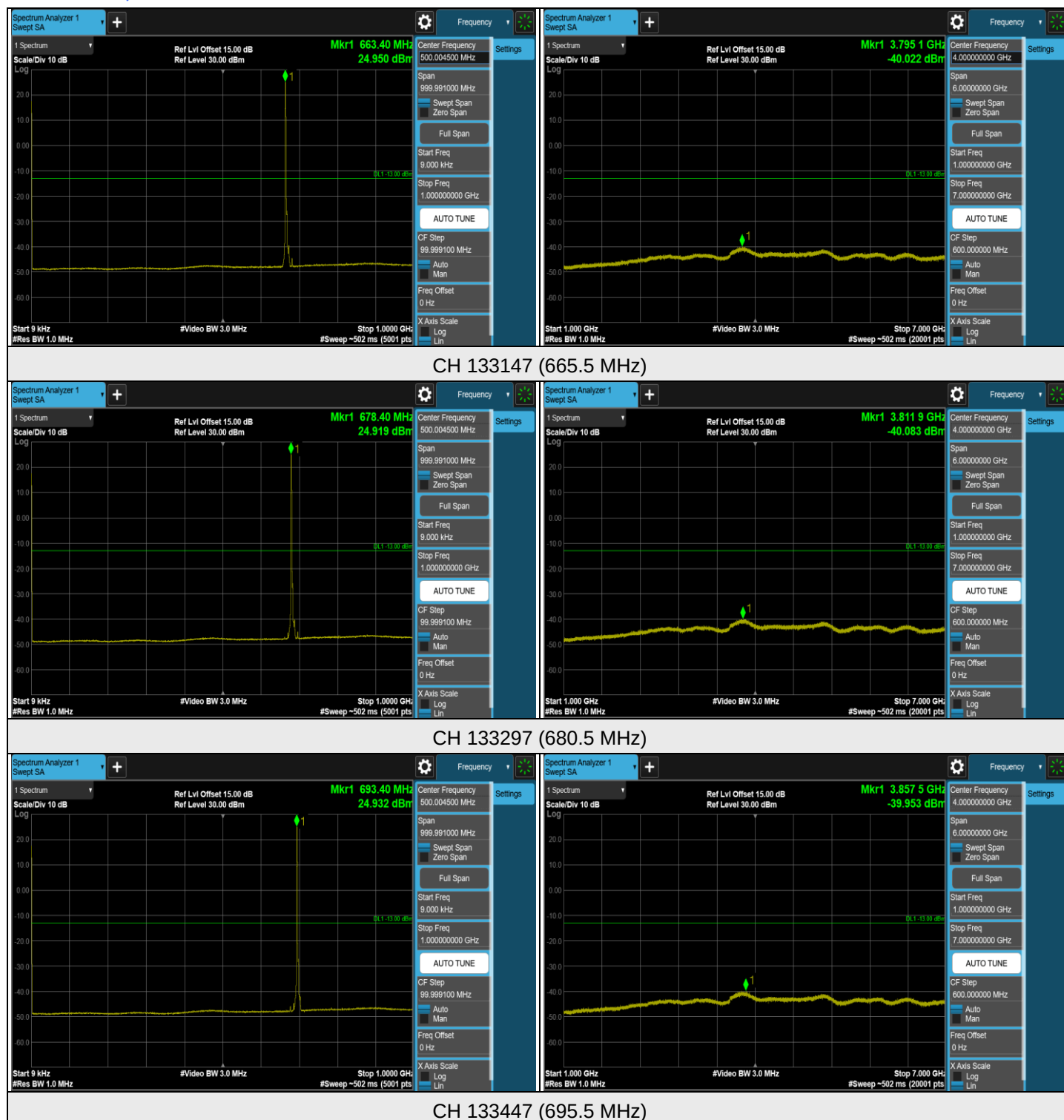
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Band 66, Channel Bandwidth: 20 MHz



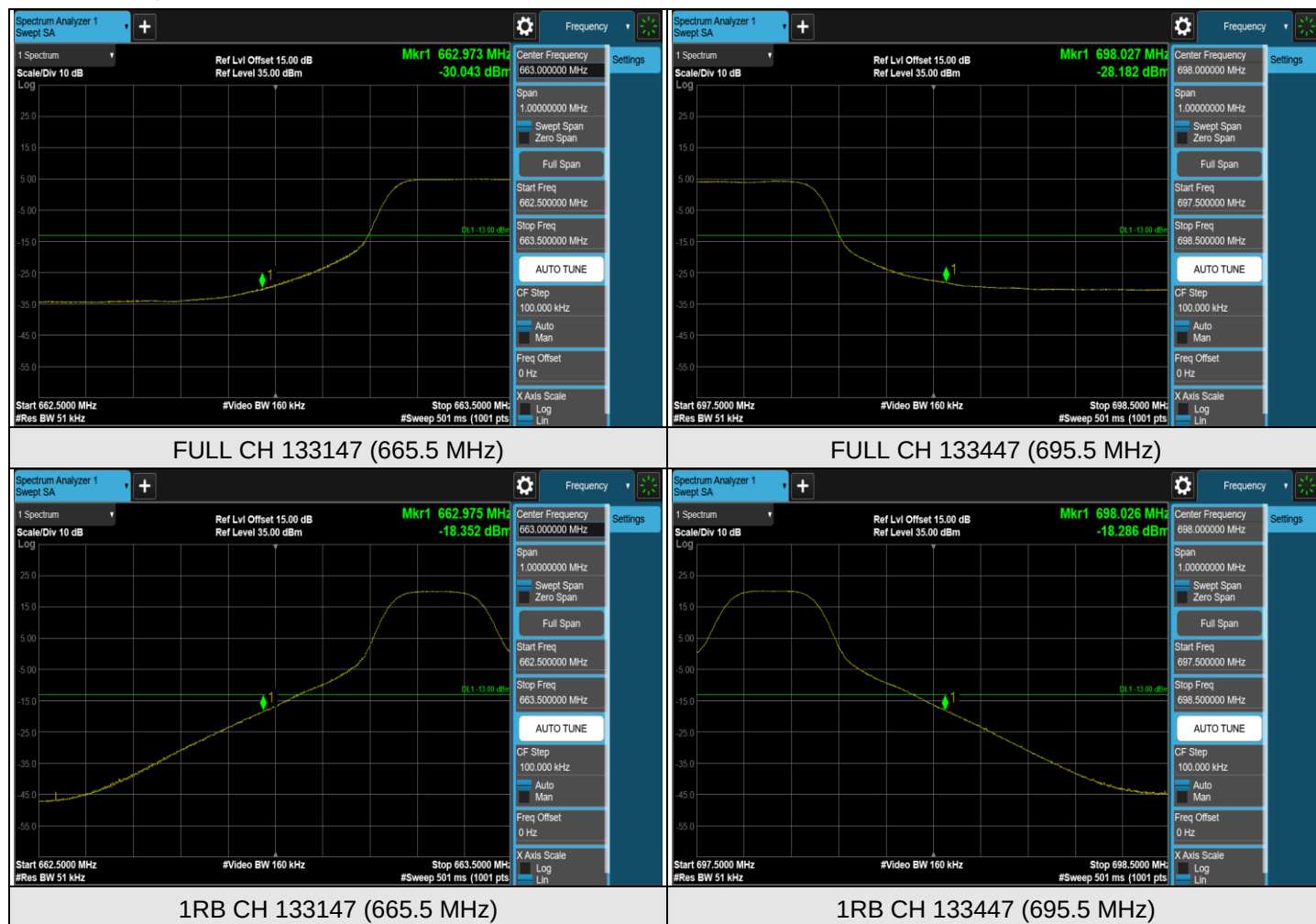
7.5.14 LTE Band 71

LTE Band 71, Channel Bandwidth: 5 MHz

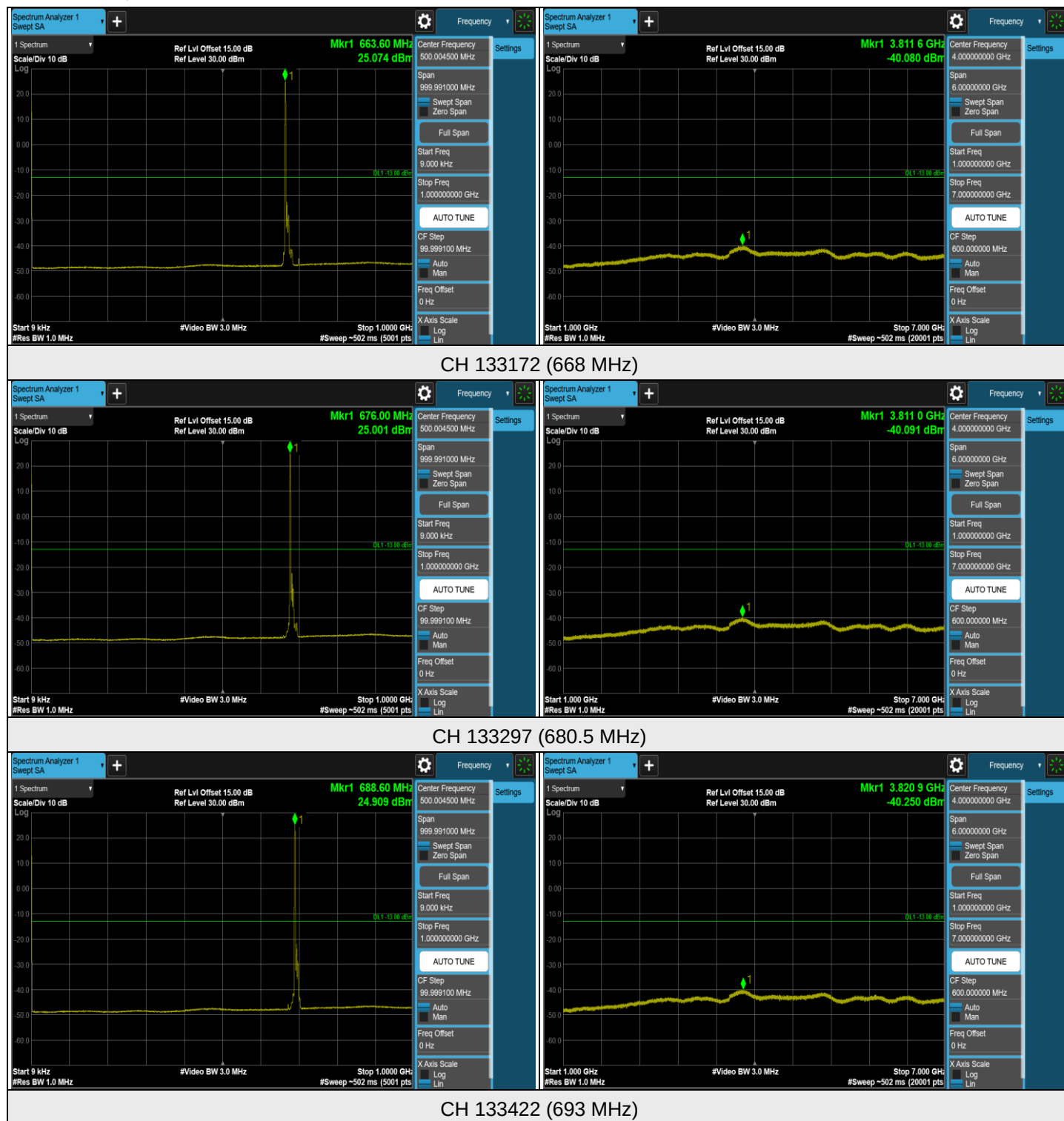


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Band 71, Channel Bandwidth: 5 MHz

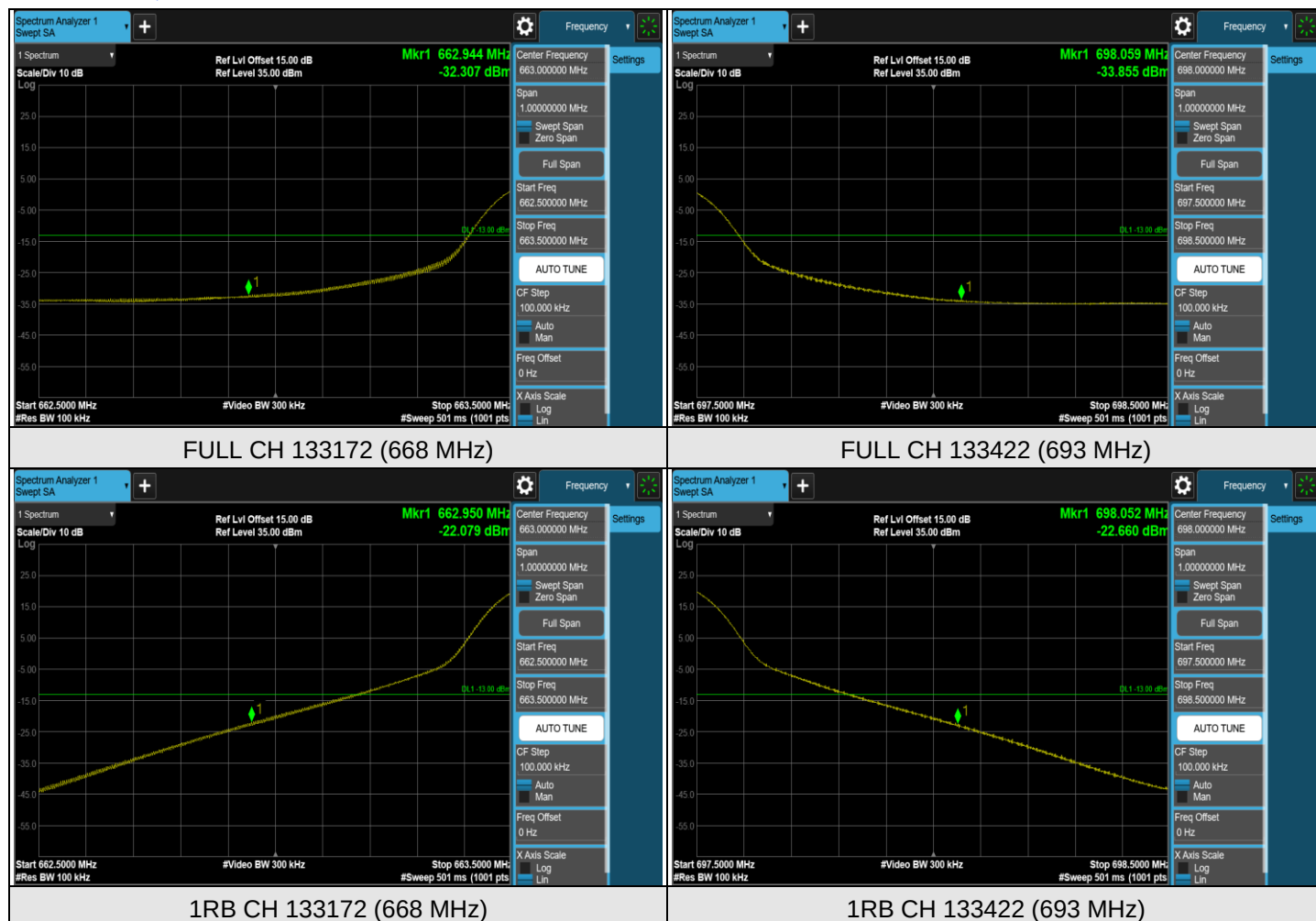


LTE Band 71, Channel Bandwidth: 10 MHz

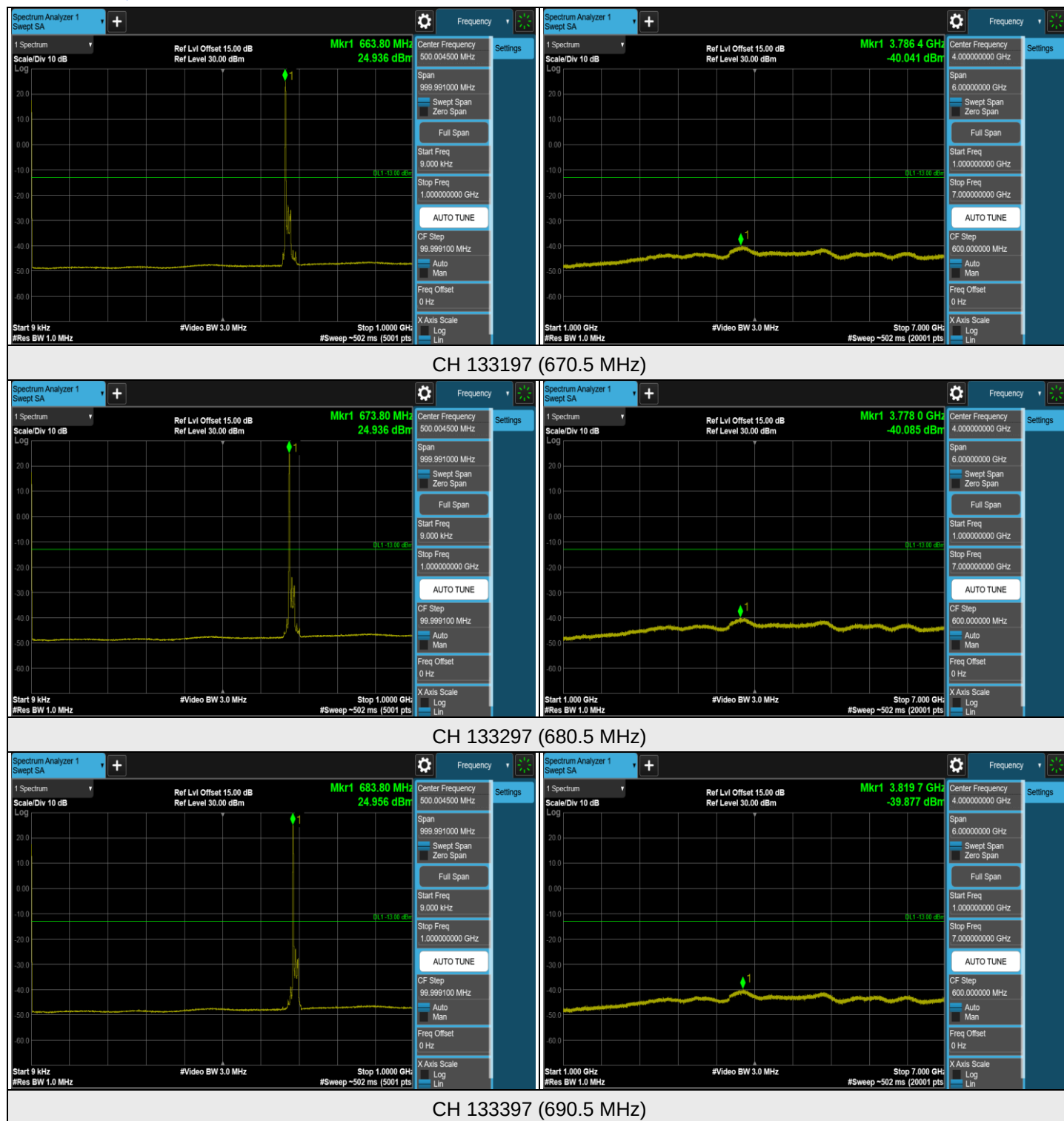


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Band 71, Channel Bandwidth: 10 MHz

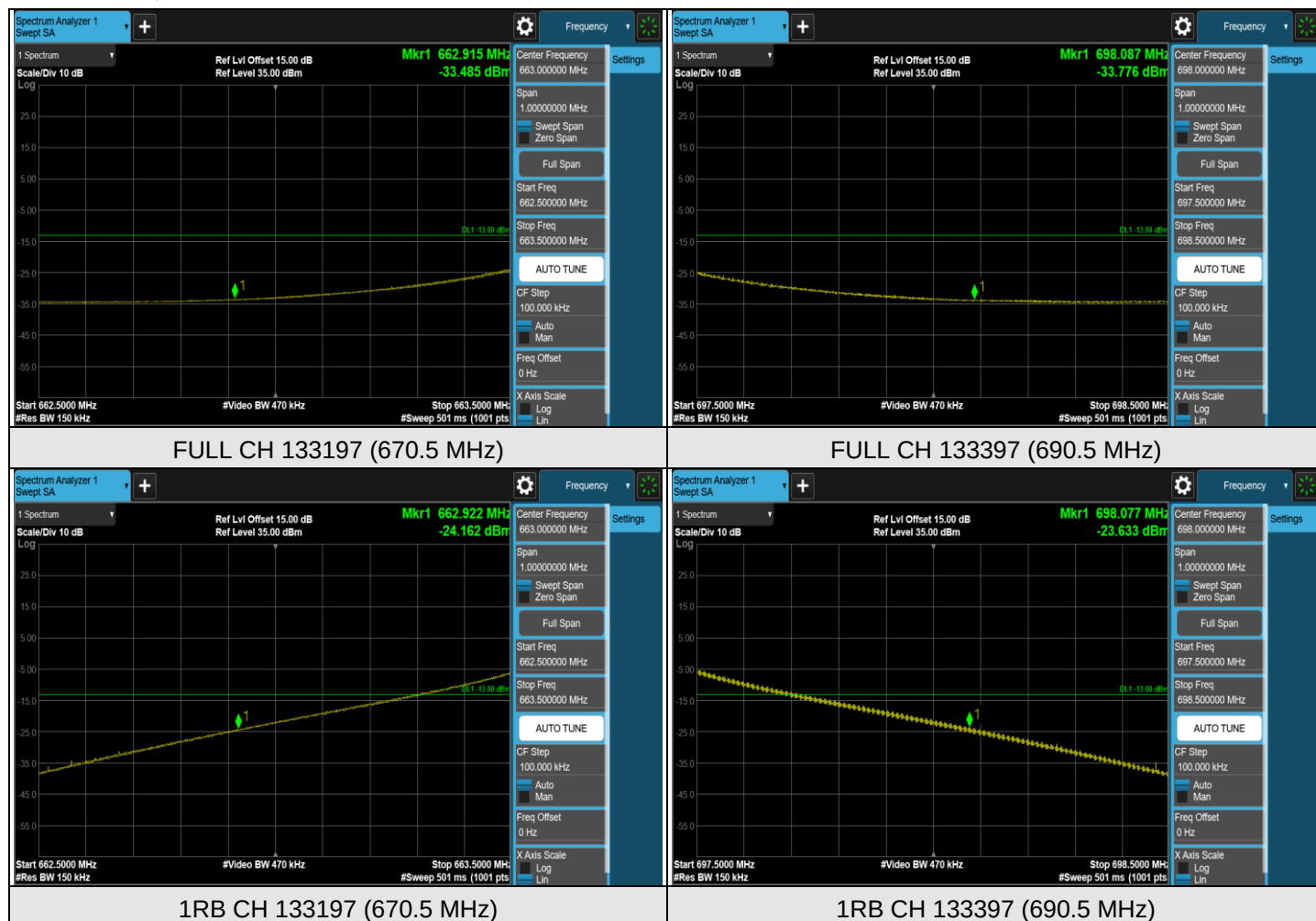


LTE Band 71, Channel Bandwidth: 15 MHz



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

LTE Band 71, Channel Bandwidth: 15 MHz

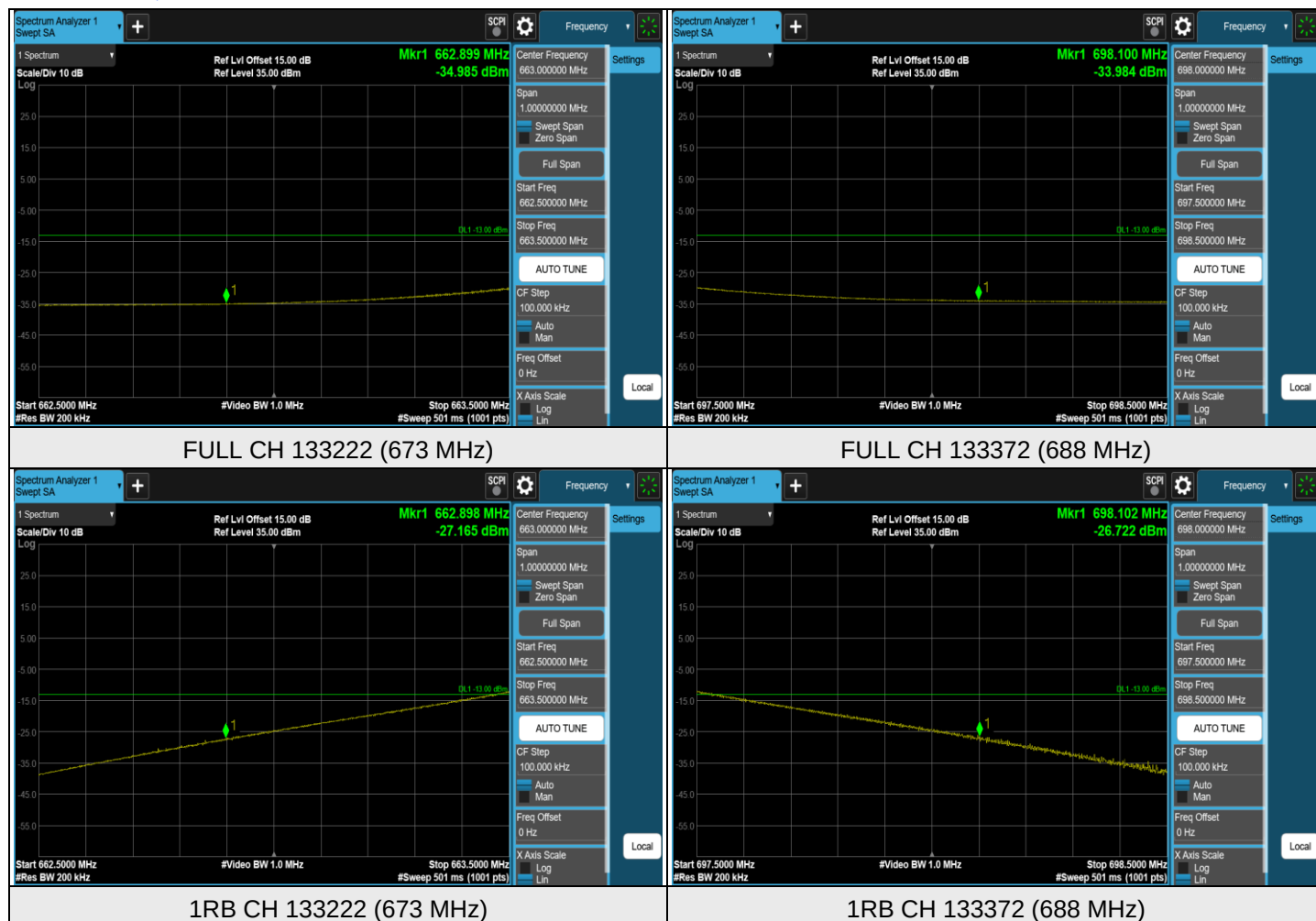


LTE Band 71, Channel Bandwidth: 20 MHz



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

LTE Band 71, Channel Bandwidth: 20 MHz



7.6 Radiated Spurious Emissions below 1GHz

With shielding case

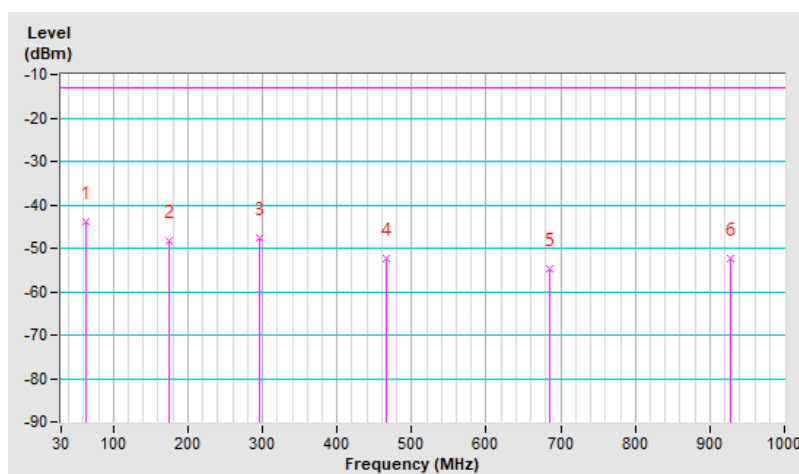
7.6.1 LTE Band 2

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	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-43.77	-13.00	-30.77	2.00 H	215	65.35	-109.12
2	174.53	-48.15	-13.00	-35.15	1.00 H	71	60.65	-108.80
3	295.78	-47.61	-13.00	-34.61	1.50 H	111	59.84	-107.45
4	465.53	-52.26	-13.00	-39.26	1.00 H	234	50.75	-103.01
5	685.72	-54.79	-13.00	-41.79	2.00 H	156	44.01	-98.80
6	928.22	-52.22	-13.00	-39.22	1.00 H	183	43.41	-95.63

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

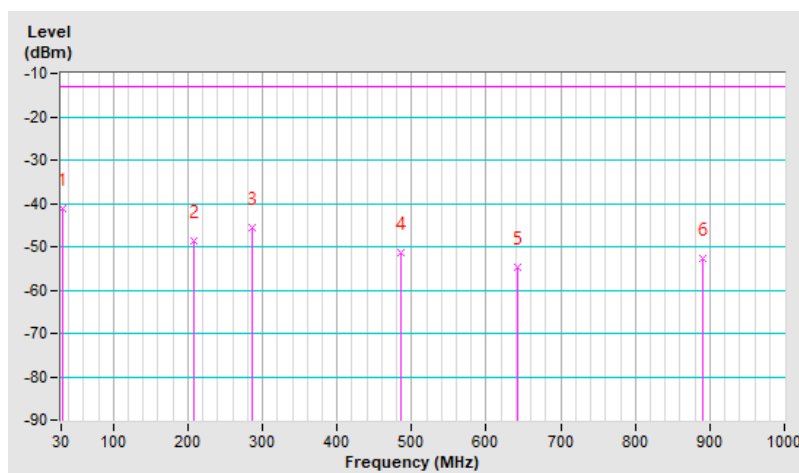


RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	Channel	CH 18900 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-41.32	-13.00	-28.32	1.50 V	34	67.27	-108.59
2	208.48	-48.70	-13.00	-35.70	1.00 V	173	62.42	-111.12
3	287.05	-45.76	-13.00	-32.76	2.00 V	202	61.90	-107.66
4	485.90	-51.47	-13.00	-38.47	1.50 V	19	51.13	-102.60
5	643.04	-54.82	-13.00	-41.82	1.50 V	165	44.49	-99.31
6	890.39	-52.65	-13.00	-39.65	1.00 V	212	43.34	-95.99

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



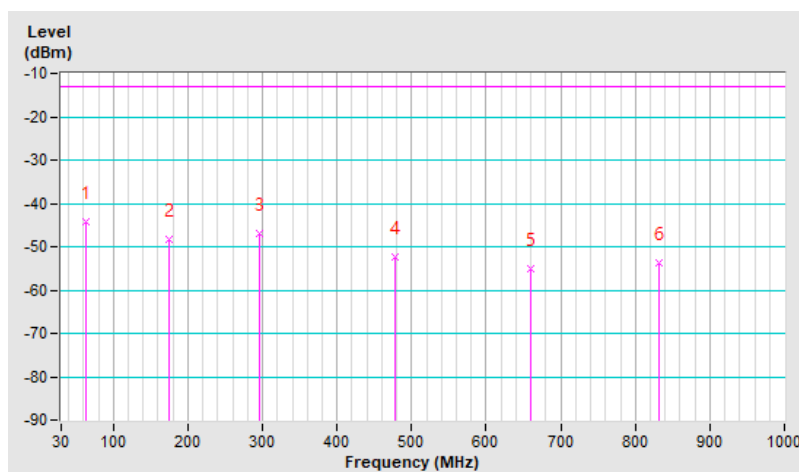
7.6.2 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	Channel	CH 20300 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-44.24	-13.00	-31.24	2.00 H	224	64.88	-109.12
2	174.53	-48.22	-13.00	-35.22	1.00 H	77	60.58	-108.80
3	296.75	-47.10	-13.00	-34.10	1.50 H	180	60.31	-107.41
4	478.14	-52.42	-13.00	-39.42	1.00 H	20	50.38	-102.80
5	659.53	-55.21	-13.00	-42.21	2.00 H	167	44.02	-99.23
6	831.22	-53.80	-13.00	-40.80	1.00 H	236	42.37	-96.17

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

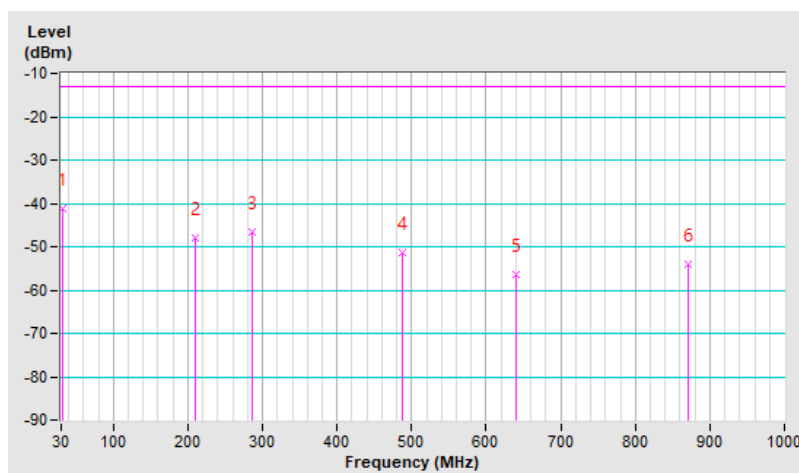


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	Channel	CH 20300 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-41.18	-13.00	-28.18	1.00 V	133	67.41	-108.59
2	209.45	-47.88	-13.00	-34.88	1.00 V	170	63.23	-111.11
3	287.05	-46.45	-13.00	-33.45	2.00 V	204	61.21	-107.66
4	487.84	-51.52	-13.00	-38.52	1.00 V	86	51.02	-102.54
5	641.10	-56.35	-13.00	-43.35	1.50 V	170	43.00	-99.35
6	870.02	-54.08	-13.00	-41.08	2.00 V	319	42.00	-96.08

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



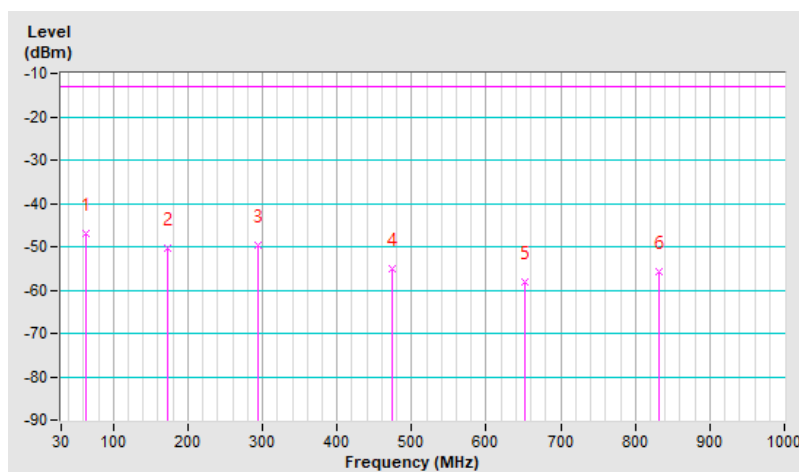
7.6.3 LTE Band 5

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	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-46.81	-13.00	-33.81	2.00 H	217	64.46	-111.27
2	173.56	-50.48	-13.00	-37.48	1.00 H	72	60.39	-110.87
3	294.81	-49.69	-13.00	-36.69	1.50 H	156	59.93	-109.62
4	473.29	-55.00	-13.00	-42.00	1.00 H	289	50.02	-105.02
5	652.74	-58.15	-13.00	-45.15	1.50 H	18	43.27	-101.42
6	831.22	-55.87	-13.00	-42.87	2.00 H	1	42.45	-98.32

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

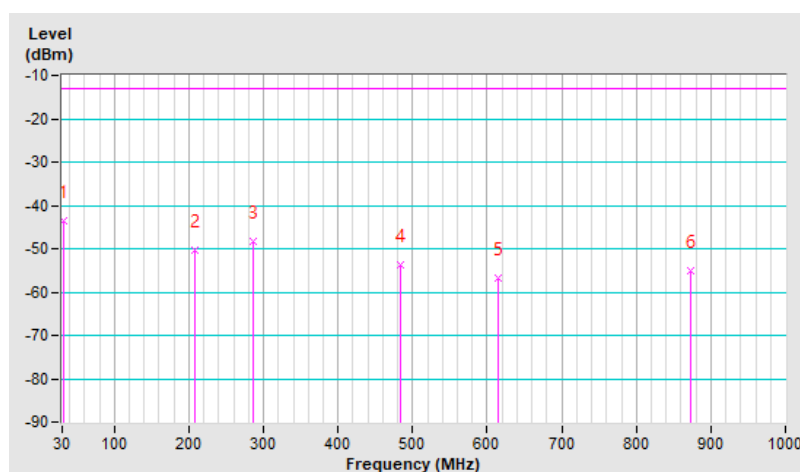


RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	Channel	CH 20525 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.49	-13.00	-30.49	1.00 V	148	67.25	-110.74
2	207.51	-50.49	-13.00	-37.49	1.00 V	169	62.79	-113.28
3	287.05	-48.16	-13.00	-35.16	1.50 V	198	61.65	-109.81
4	482.99	-53.56	-13.00	-40.56	2.00 V	25	51.27	-104.83
5	614.91	-56.69	-13.00	-43.69	1.00 V	168	45.41	-102.10
6	872.93	-55.23	-13.00	-42.23	2.00 V	7	42.99	-98.22

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



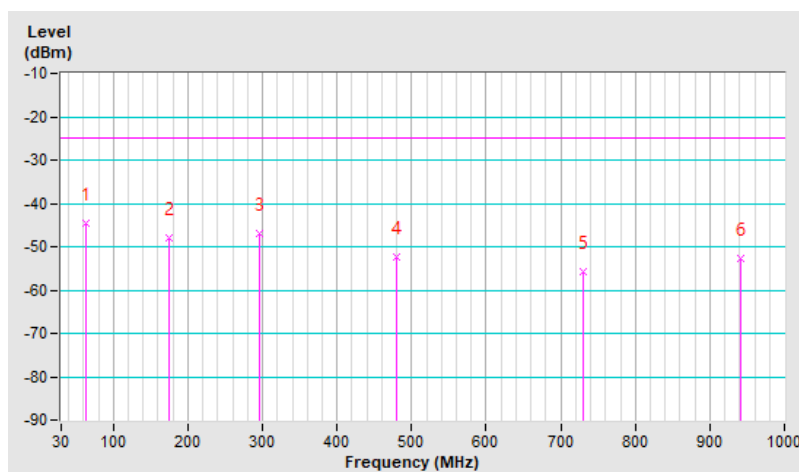
7.6.4 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21100 : 2535 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-44.71	-25.00	-19.71	2.00 H	218	64.41	-109.12
2	174.53	-48.05	-25.00	-23.05	1.00 H	82	60.75	-108.80
3	296.75	-46.92	-25.00	-21.92	1.50 H	18	60.49	-107.41
4	479.11	-52.22	-25.00	-27.22	2.00 H	288	50.56	-102.78
5	729.37	-55.83	-25.00	-30.83	1.50 H	140	41.74	-97.57
6	941.80	-52.60	-25.00	-27.60	1.00 H	132	42.93	-95.53

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

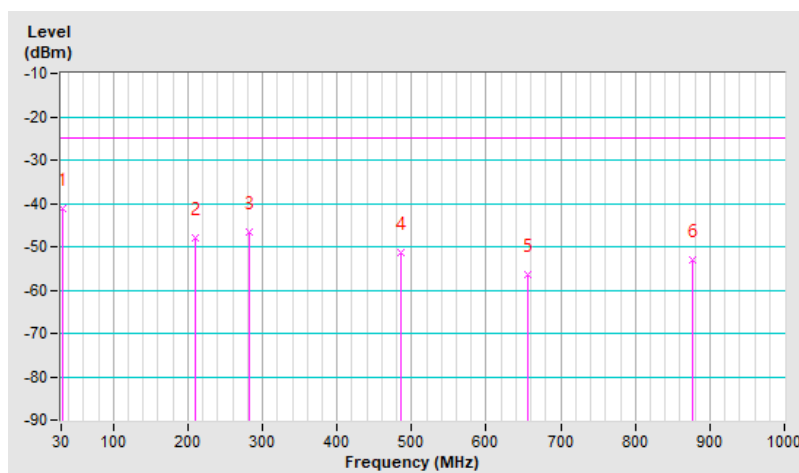


RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	Channel	CH 21100 : 2535 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-41.32	-25.00	-16.32	1.00 V	133	67.27	-108.59
2	209.45	-48.09	-25.00	-23.09	1.00 V	172	63.02	-111.11
3	283.17	-46.49	-25.00	-21.49	1.50 V	202	61.28	-107.77
4	485.90	-51.35	-25.00	-26.35	1.00 V	25	51.25	-102.60
5	656.62	-56.29	-25.00	-31.29	2.00 V	163	42.95	-99.24
6	876.81	-53.19	-25.00	-28.19	1.50 V	350	42.90	-96.09

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



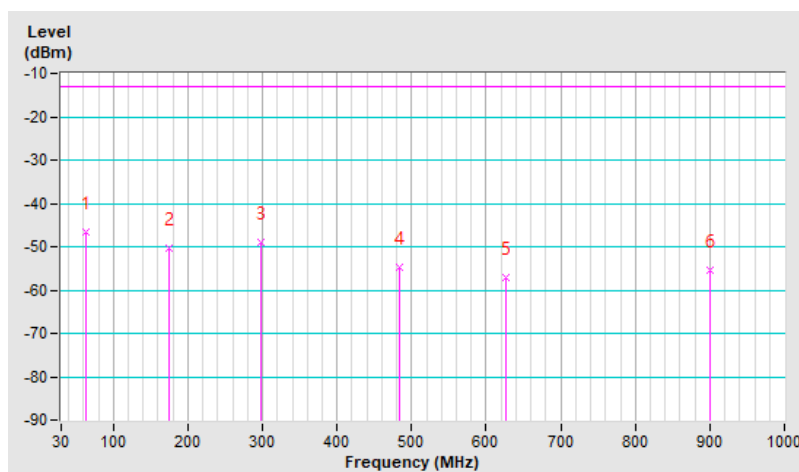
7.6.5 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23095 : 707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-46.67	-13.00	-33.67	2.00 H	218	64.60	-111.27
2	174.53	-50.50	-13.00	-37.50	1.00 H	74	60.45	-110.95
3	297.72	-48.99	-13.00	-35.99	1.50 H	174	60.54	-109.53
4	482.99	-54.87	-13.00	-41.87	1.00 H	293	49.96	-104.83
5	626.55	-57.25	-13.00	-44.25	2.00 H	176	44.55	-101.80
6	900.09	-55.57	-13.00	-42.57	1.50 H	318	42.63	-98.20

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

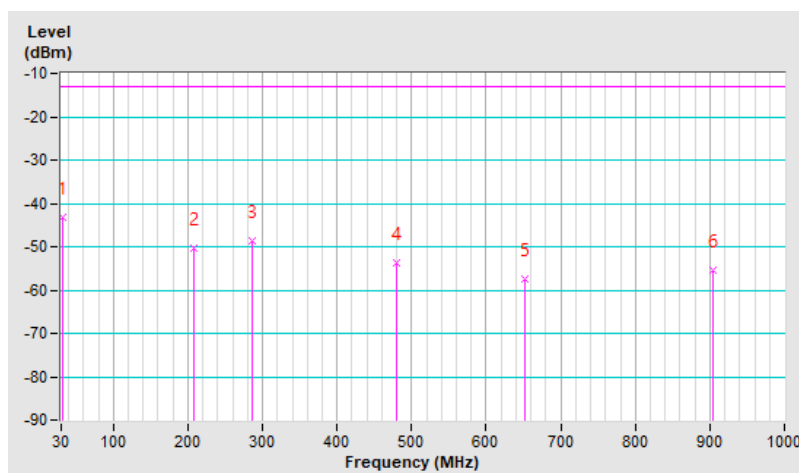


RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	Channel	CH 23095 : 707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.38	-13.00	-30.38	1.00 V	93	67.36	-110.74
2	208.48	-50.40	-13.00	-37.40	1.50 V	174	62.87	-113.27
3	286.08	-48.68	-13.00	-35.68	1.00 V	211	61.16	-109.84
4	479.11	-53.73	-13.00	-40.73	1.00 V	24	51.20	-104.93
5	651.77	-57.60	-13.00	-44.60	2.00 V	164	43.82	-101.42
6	903.97	-55.41	-13.00	-42.41	1.50 V	323	42.69	-98.10

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



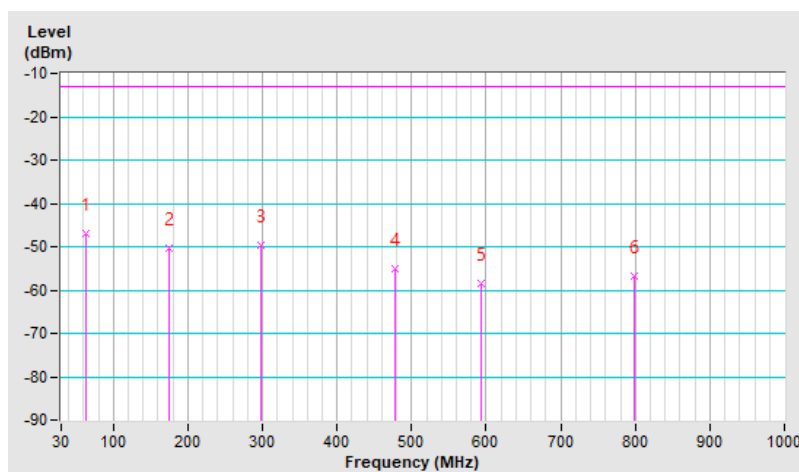
7.6.6 LTE Band 13

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	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-46.89	-13.00	-33.89	2.00 H	219	64.38	-111.27
2	174.53	-50.34	-13.00	-37.34	1.00 H	81	60.61	-110.95
3	297.72	-49.81	-13.00	-36.81	2.00 H	168	59.72	-109.53
4	478.14	-54.99	-13.00	-41.99	1.50 H	294	49.96	-104.95
5	592.60	-58.62	-13.00	-45.62	1.00 H	163	44.06	-102.68
6	798.24	-56.71	-13.00	-43.71	2.00 H	163	41.80	-98.51

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

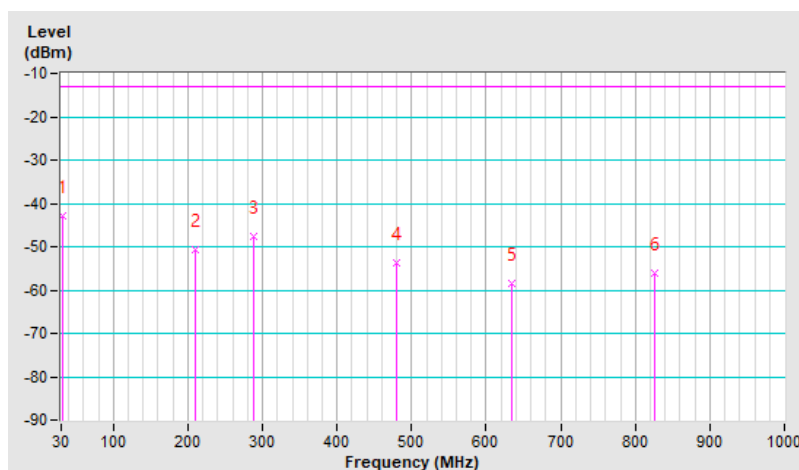


RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-42.90	-13.00	-29.90	1.00 V	88	67.84	-110.74
2	209.45	-50.56	-13.00	-37.56	1.50 V	172	62.70	-113.26
3	288.02	-47.75	-13.00	-34.75	2.00 V	204	62.05	-109.80
4	480.08	-53.73	-13.00	-40.73	1.00 V	88	51.19	-104.92
5	634.31	-58.31	-13.00	-45.31	1.50 V	167	43.36	-101.67
6	825.40	-56.15	-13.00	-43.15	2.00 V	96	42.16	-98.31

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



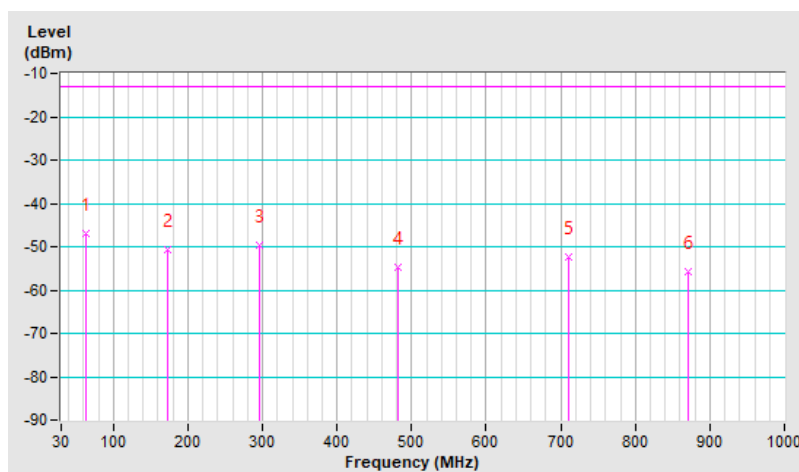
7.6.7 LTE Band 14

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	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-46.82	-13.00	-33.82	2.00 H	218	64.45	-111.27
2	173.56	-50.57	-13.00	-37.57	1.00 H	89	60.30	-110.87
3	296.75	-49.72	-13.00	-36.72	1.50 H	191	59.84	-109.56
4	482.02	-54.67	-13.00	-41.67	1.00 H	293	50.20	-104.87
5	709.97	-52.49	-13.00	-39.49	2.00 H	197	47.95	-100.44
6	870.99	-55.89	-13.00	-42.89	1.50 H	278	42.34	-98.23

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

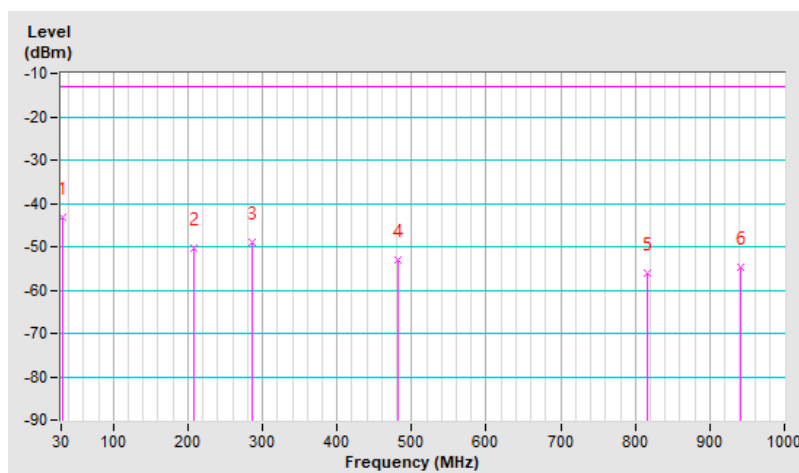


RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	Channel	CH 23330 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.26	-13.00	-30.26	1.00 V	160	67.48	-110.74
2	208.48	-50.48	-13.00	-37.48	1.50 V	175	62.79	-113.27
3	287.05	-48.93	-13.00	-35.93	1.00 V	206	60.88	-109.81
4	481.05	-53.14	-13.00	-40.14	2.00 V	89	51.74	-104.88
5	816.67	-55.95	-13.00	-42.95	1.00 V	337	42.38	-98.33
6	940.83	-54.88	-13.00	-41.88	1.50 V	99	42.78	-97.66

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



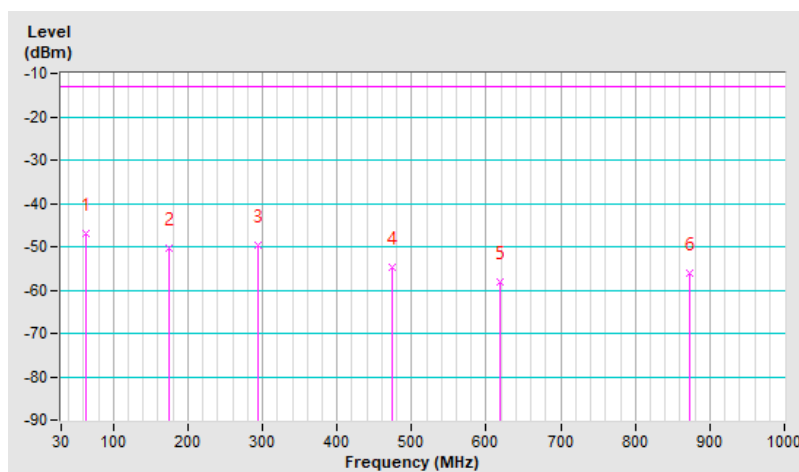
7.6.8 LTE Band 17

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	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-46.86	-13.00	-33.86	2.00 H	51	64.41	-111.27
2	175.50	-50.41	-13.00	-37.41	1.00 H	84	60.64	-111.05
3	294.81	-49.58	-13.00	-36.58	1.50 H	14	60.04	-109.62
4	474.26	-54.82	-13.00	-41.82	2.00 H	16	50.18	-105.00
5	618.79	-58.03	-13.00	-45.03	1.00 H	170	43.96	-101.99
6	871.96	-56.13	-13.00	-43.13	1.00 H	11	42.10	-98.23

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

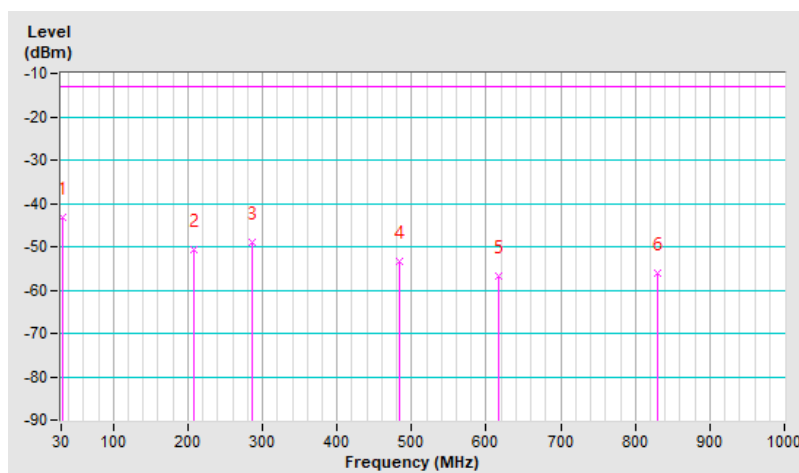


RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	Channel	CH 23790 : 710 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.27	-13.00	-30.27	1.00 V	136	67.47	-110.74
2	208.48	-50.61	-13.00	-37.61	1.50 V	160	62.66	-113.27
3	286.08	-48.87	-13.00	-35.87	1.00 V	192	60.97	-109.84
4	482.99	-53.33	-13.00	-40.33	2.00 V	32	51.50	-104.83
5	616.85	-56.81	-13.00	-43.81	1.00 V	164	45.24	-102.05
6	830.25	-55.94	-13.00	-42.94	1.50 V	243	42.38	-98.32

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



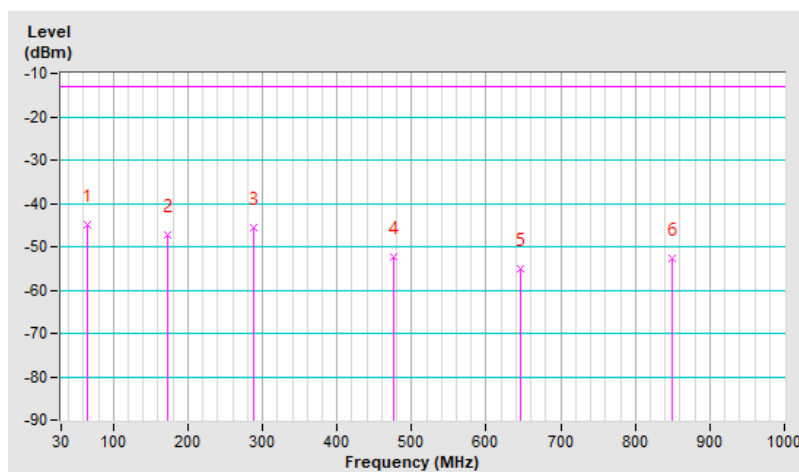
7.6.9 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26365 : 1882.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	64.92	-44.91	-13.00	-31.91	2.00 H	214	64.41	-109.32
2	173.56	-47.23	-13.00	-34.23	1.00 H	73	61.49	-108.72
3	288.02	-45.67	-13.00	-32.67	1.50 H	175	61.98	-107.65
4	476.20	-52.45	-13.00	-39.45	1.00 H	11	50.37	-102.82
5	645.95	-55.07	-13.00	-42.07	2.00 H	180	44.21	-99.28
6	848.68	-52.86	-13.00	-39.86	1.50 H	47	43.41	-96.27

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

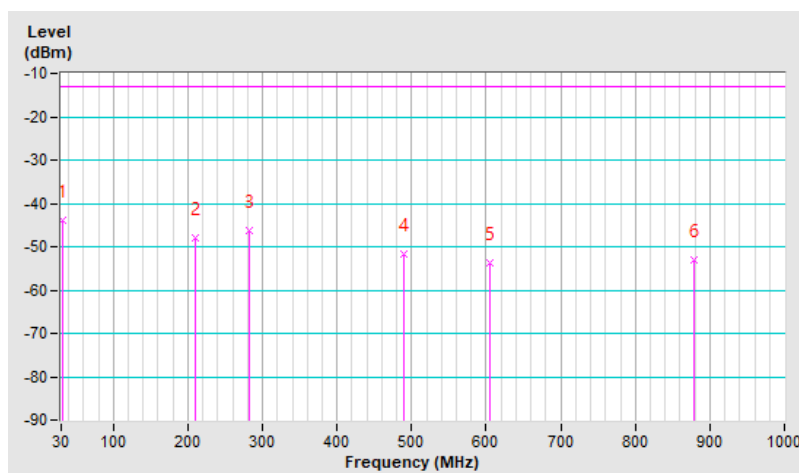


RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	Channel	CH 26365 : 1882.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	32.91	-43.77	-13.00	-30.77	1.00 V	147	64.88	-108.65
2	209.45	-48.02	-13.00	-35.02	1.50 V	168	63.09	-111.11
3	283.17	-46.15	-13.00	-33.15	2.00 V	199	61.62	-107.77
4	489.78	-51.64	-13.00	-38.64	1.50 V	16	50.85	-102.49
5	604.24	-53.87	-13.00	-40.87	1.00 V	164	46.42	-100.29
6	877.78	-52.92	-13.00	-39.92	2.00 V	280	43.17	-96.09

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



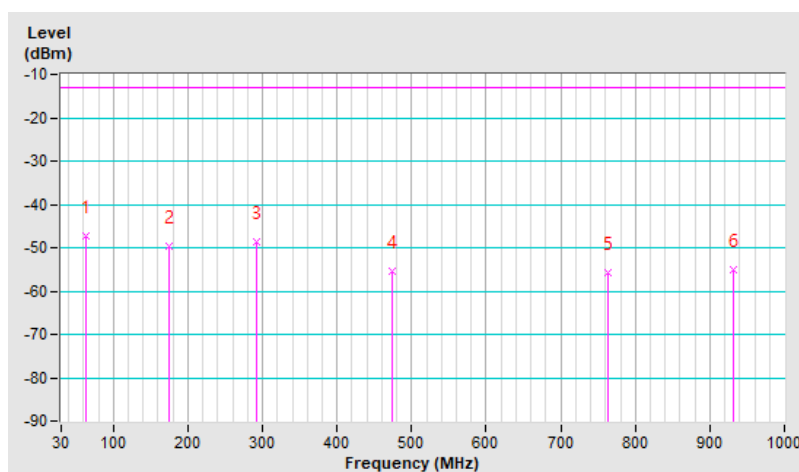
7.6.10 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	Channel	CH 26740 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-47.35	-13.00	-34.35	2.00 H	57	63.47	-110.82
2	174.53	-49.69	-13.00	-36.69	1.00 H	82	61.26	-110.95
3	291.90	-48.68	-13.00	-35.68	1.50 H	177	61.02	-109.70
4	473.29	-55.34	-13.00	-42.34	2.00 H	18	49.68	-105.02
5	764.29	-55.71	-13.00	-42.71	1.00 H	26	42.84	-98.55
6	932.10	-54.95	-13.00	-41.95	1.50 H	130	42.86	-97.81

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 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 26 (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	Channel	CH 26740 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.02	-13.00	-30.02	1.00 V	73	67.72	-110.74
2	209.45	-49.56	-13.00	-36.56	1.50 V	170	63.70	-113.26
3	270.56	-49.44	-13.00	-36.44	1.00 V	191	60.97	-110.41
4	480.08	-53.46	-13.00	-40.46	2.00 V	88	51.46	-104.92
5	657.59	-58.77	-13.00	-45.77	1.00 V	166	42.62	-101.39
6	828.31	-56.17	-13.00	-43.17	2.00 V	175	42.15	-98.32

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

