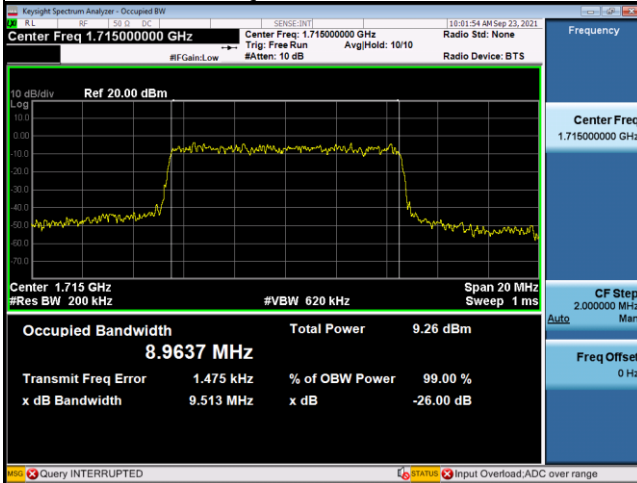
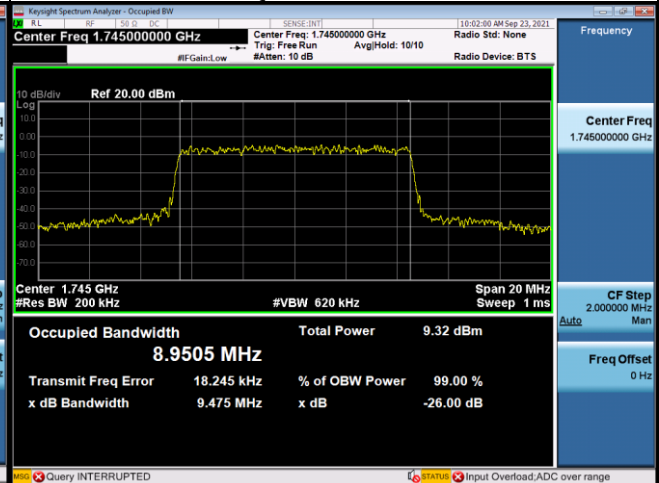


Spectrum Plot

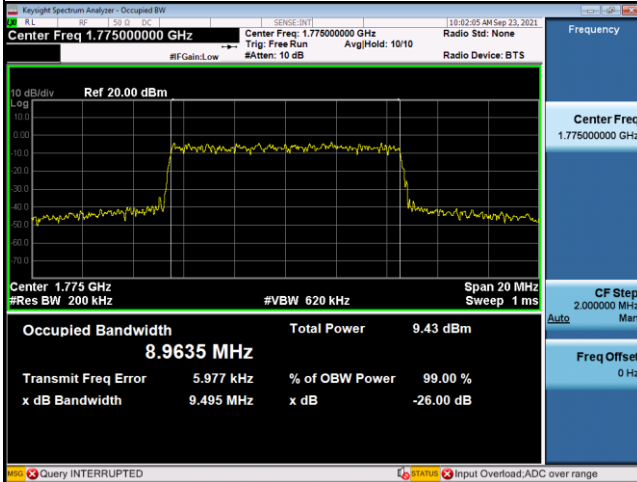
QPSK-132022



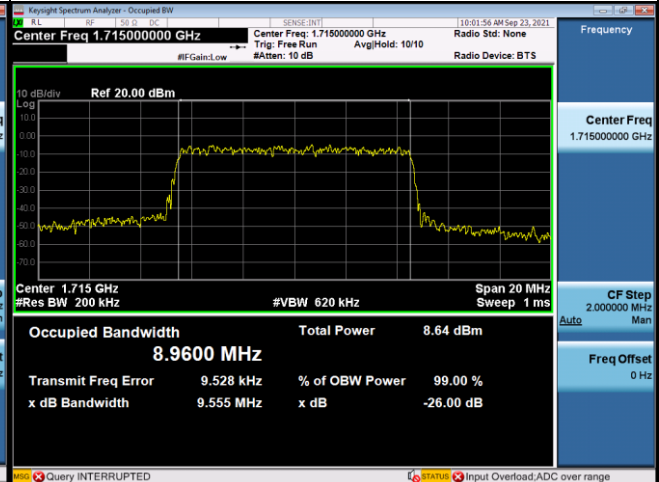
QPSK-132322



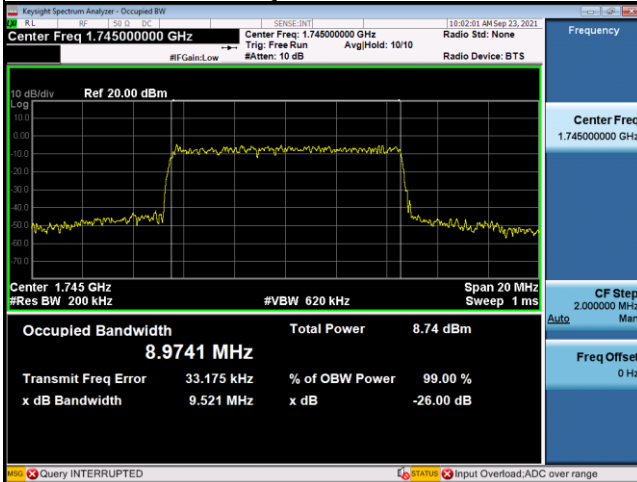
QPSK-132622



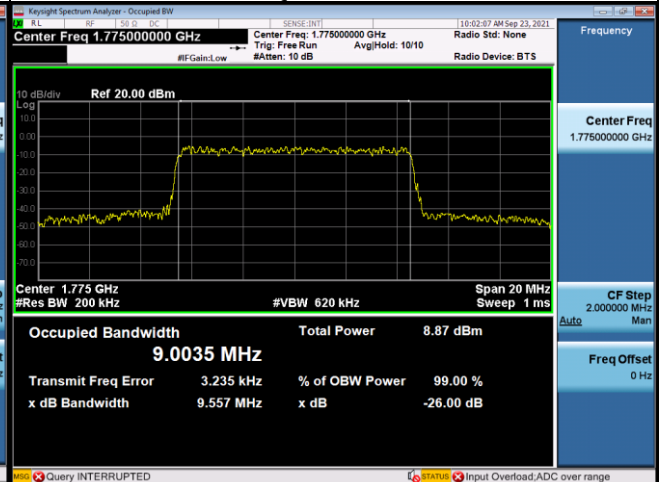
16QAM-132022



16QAM-132322



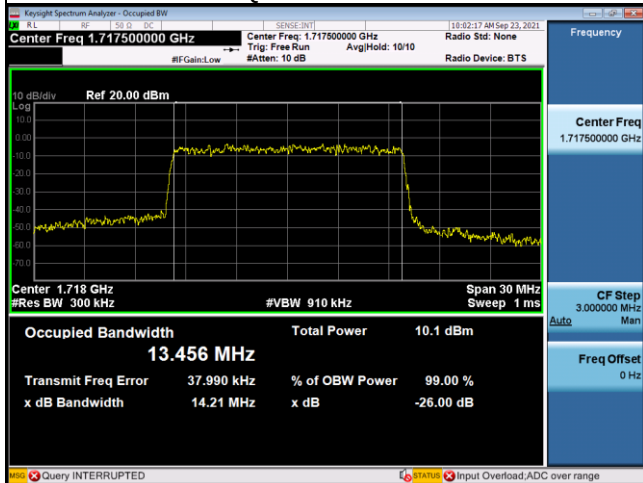
16QAM-132622



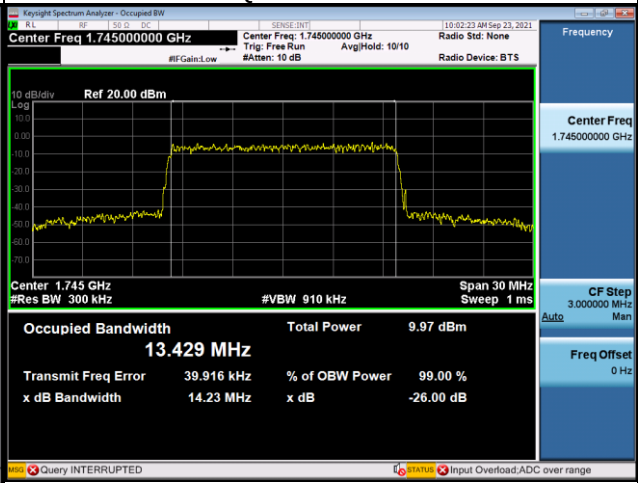
LTE Band 66_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	13.456	132047	1717.5	14.21
132322	1745	13.429	132322	1745	14.23
132597	1772.5	13.504	132597	1772.5	14.19
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	13.402	132047	1717.5	14.24
132322	1745	13.446	132322	1745	14.19
132597	1772.5	13.439	132597	1772.5	14.24

Spectrum Plot

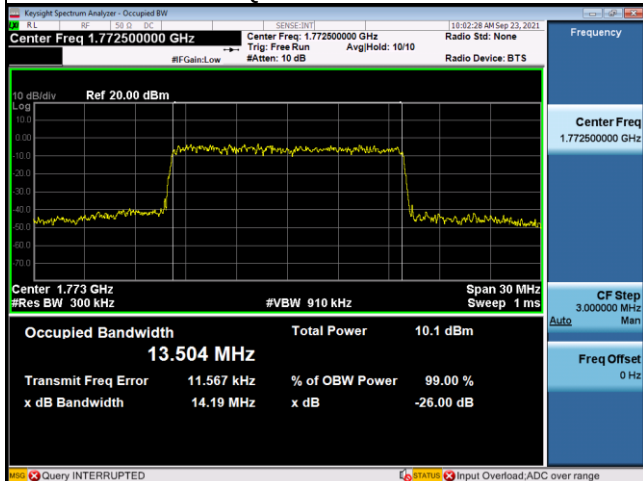
QPSK-132047



QPSK-132322



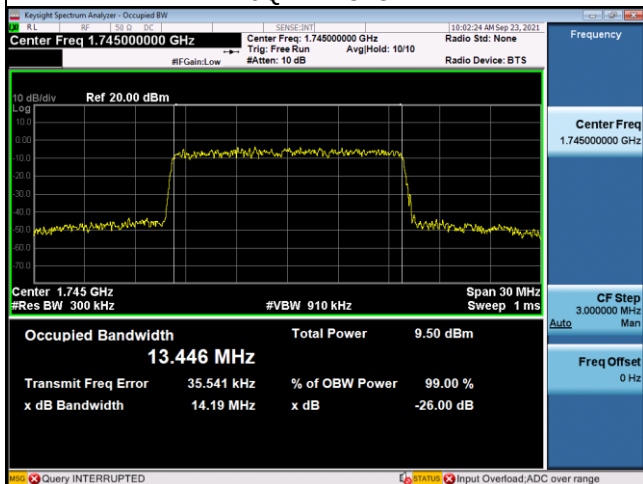
QPSK-132597



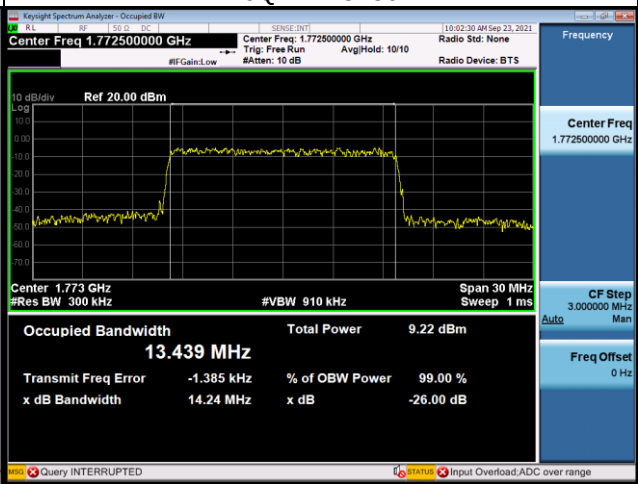
16QAM-132047



16QAM-132322



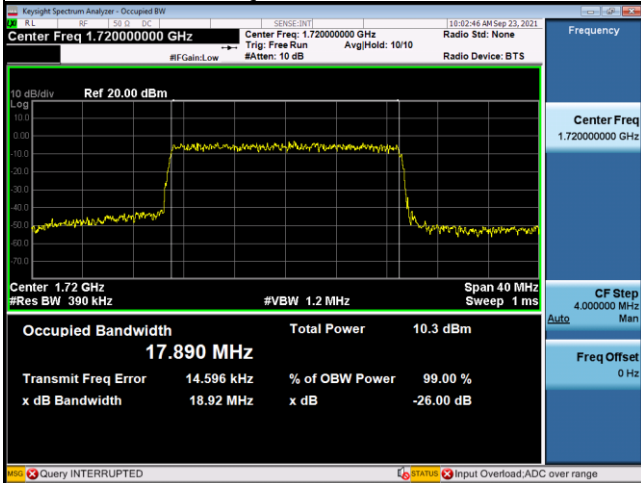
16QAM-132597



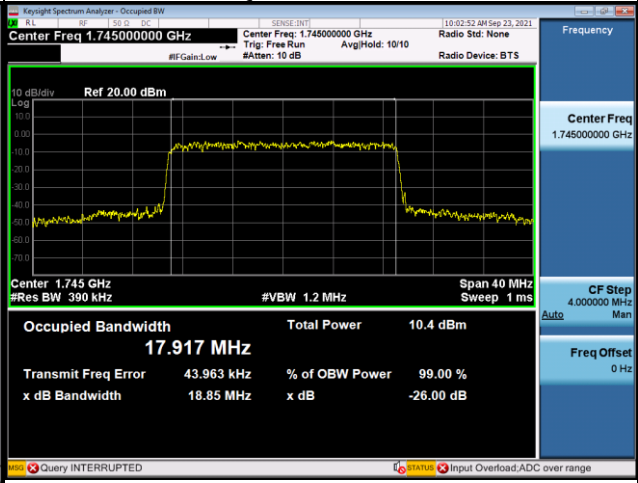
LTE Band 66_20M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720	17.890	132072	1720	18.92
132322	1745	17.917	132322	1745	18.85
132572	1770	17.888	132572	1770	19.03
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720	17.876	132072	1720	18.92
132322	1745	17.806	132322	1745	18.99
132572	1770	17.887	132572	1770	18.97

Spectrum Plot

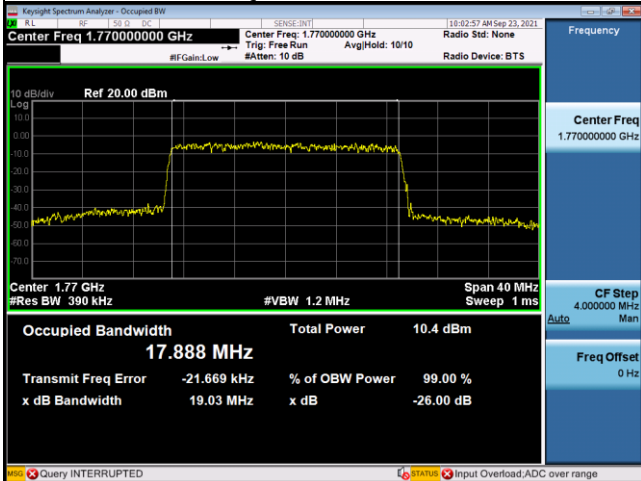
QPSK-132072



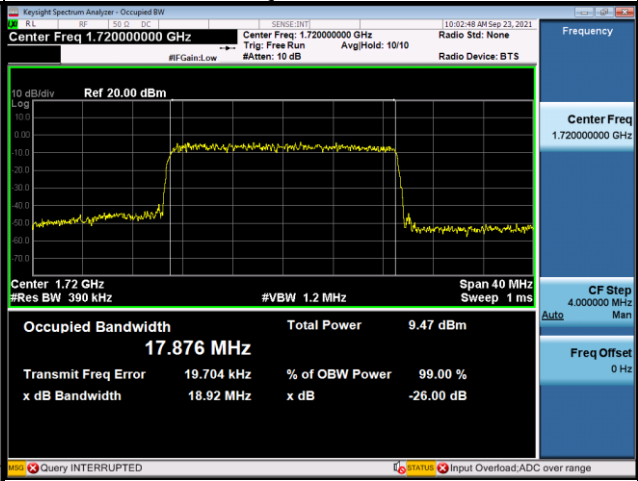
QPSK-132322



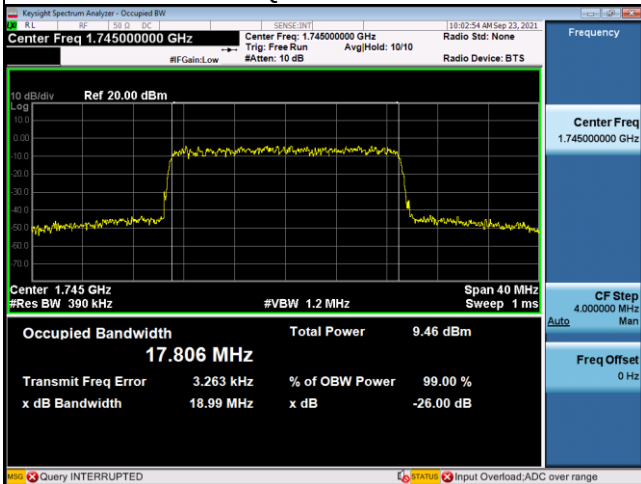
QPSK-132572



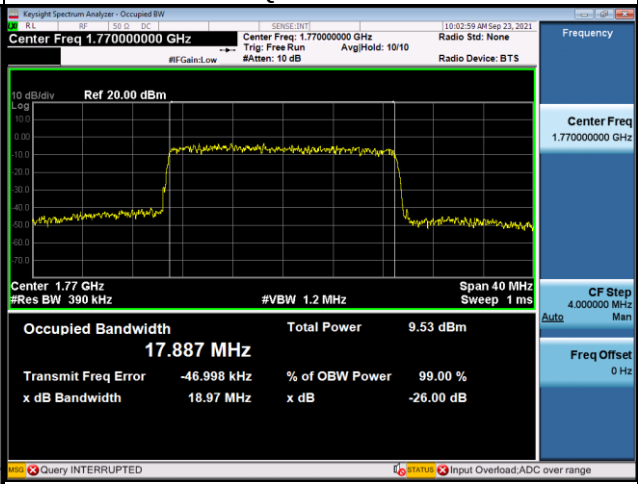
16QAM-132072



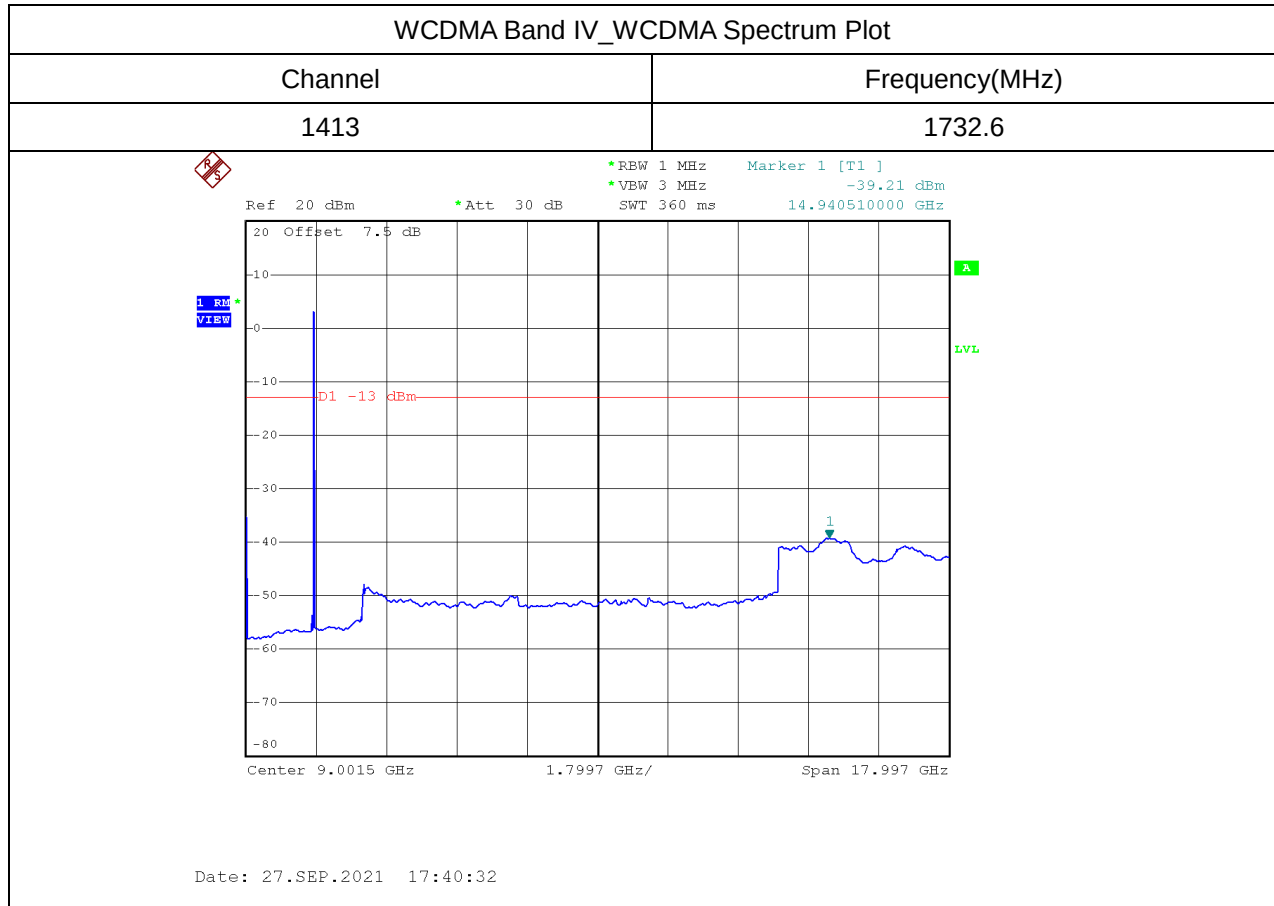
16QAM-132322

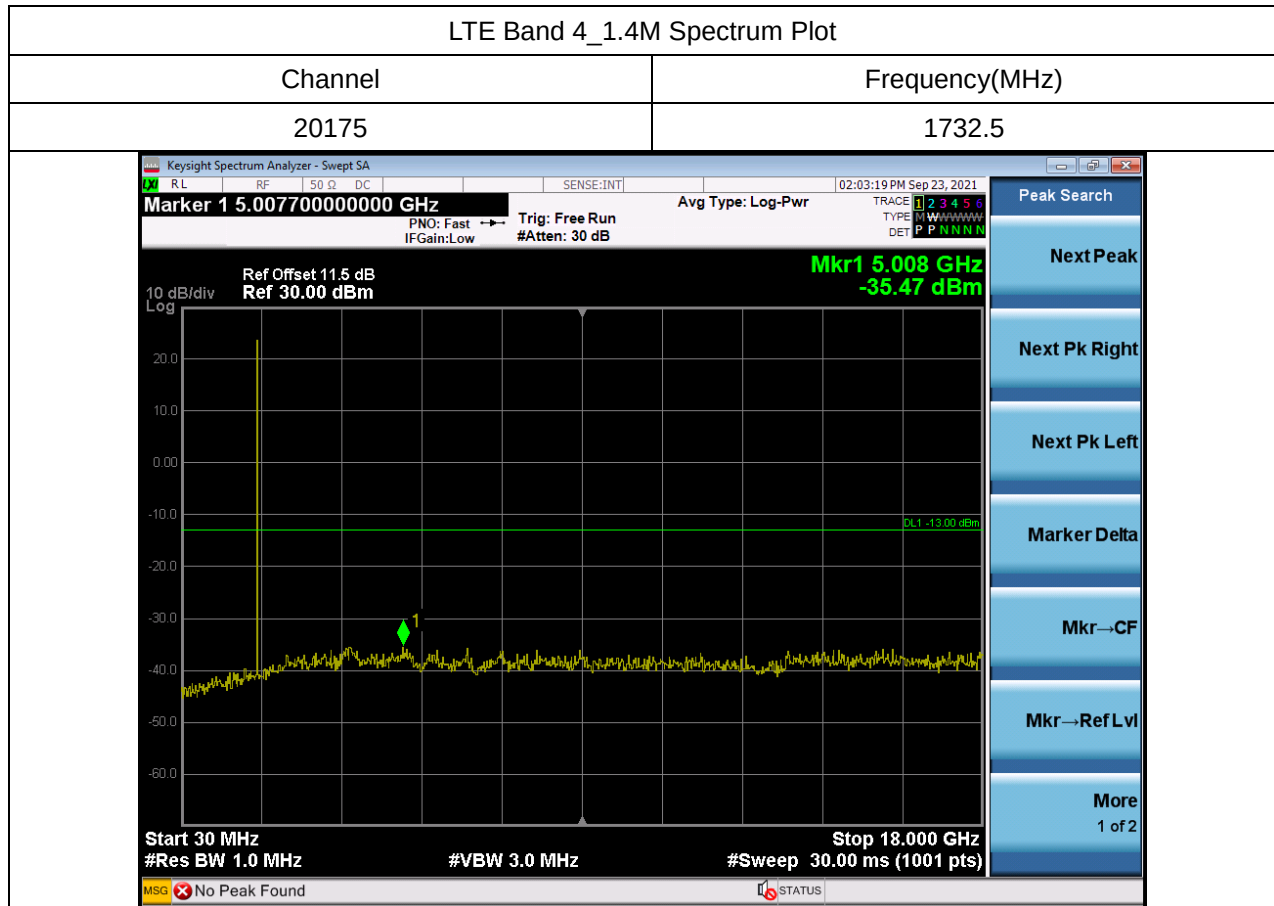


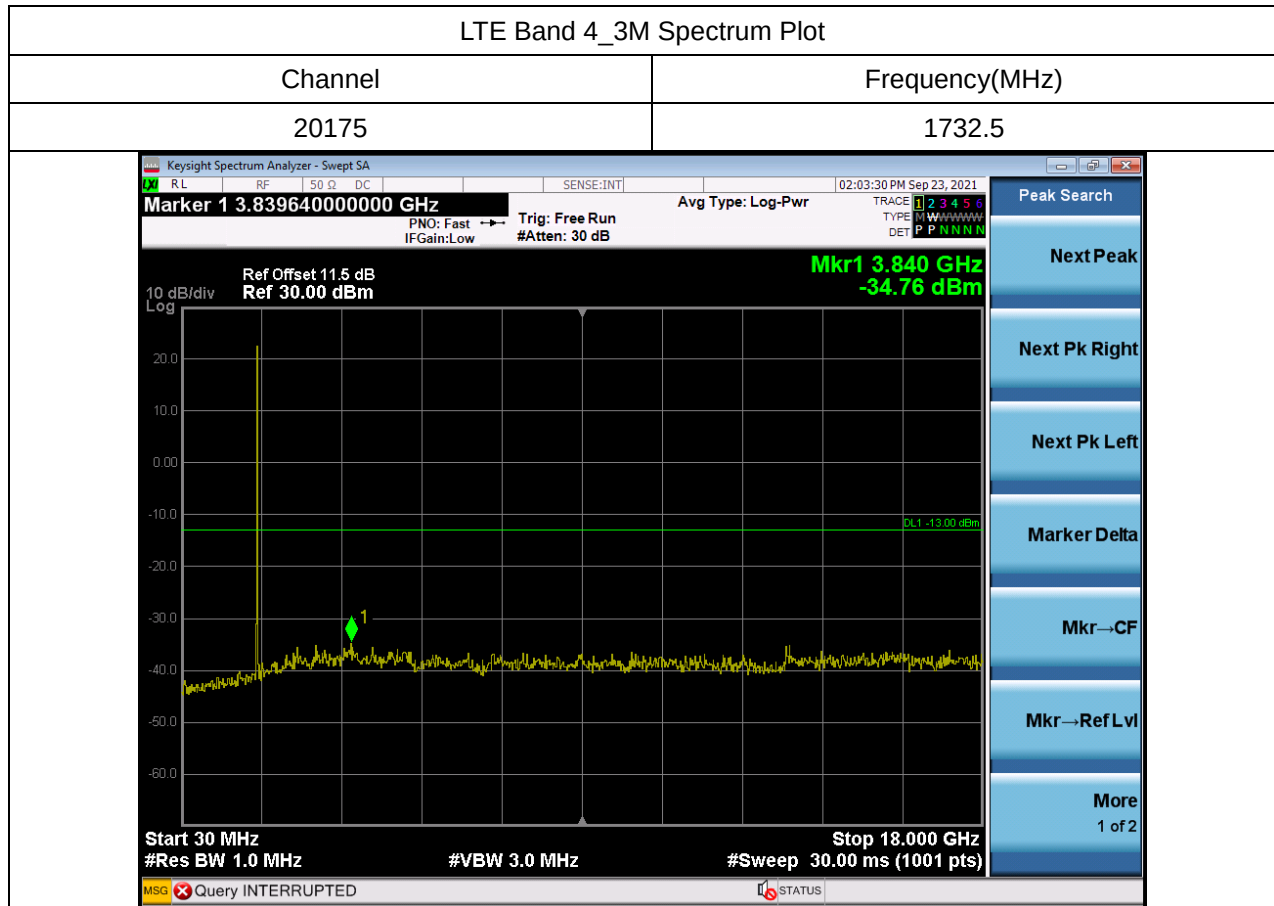
16QAM-132572

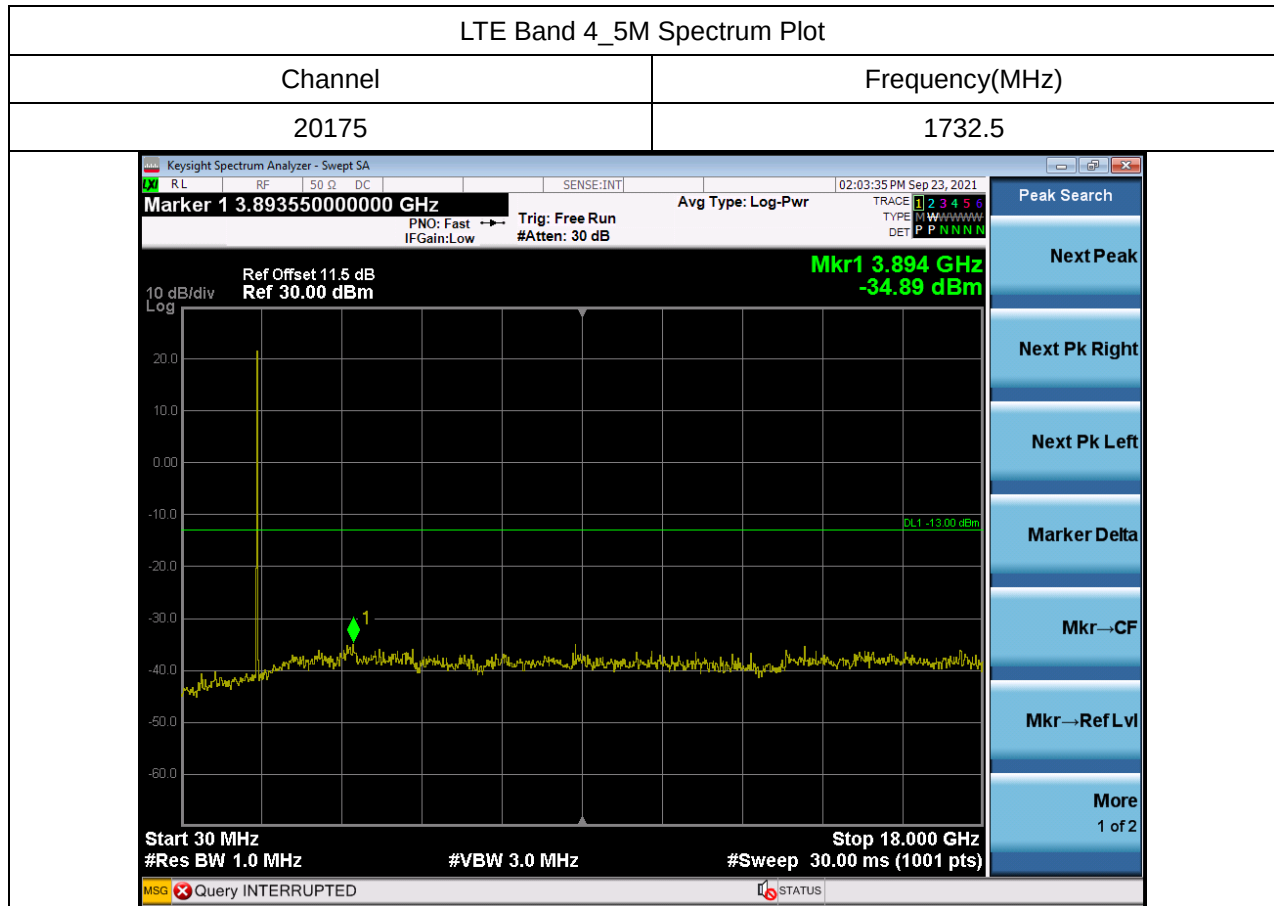


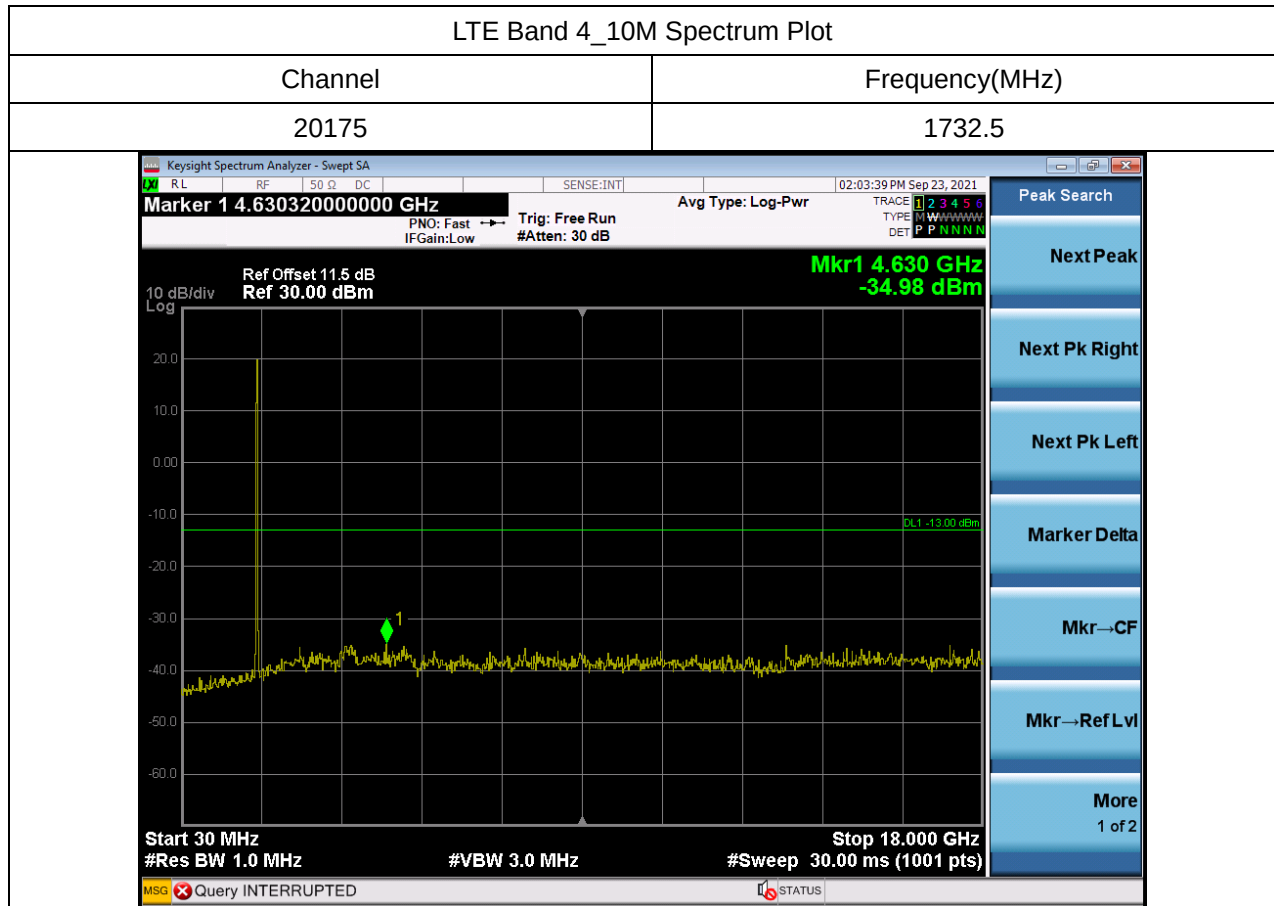
APPENDIX D CONDUCTED SPURIOUS EMISSIONS

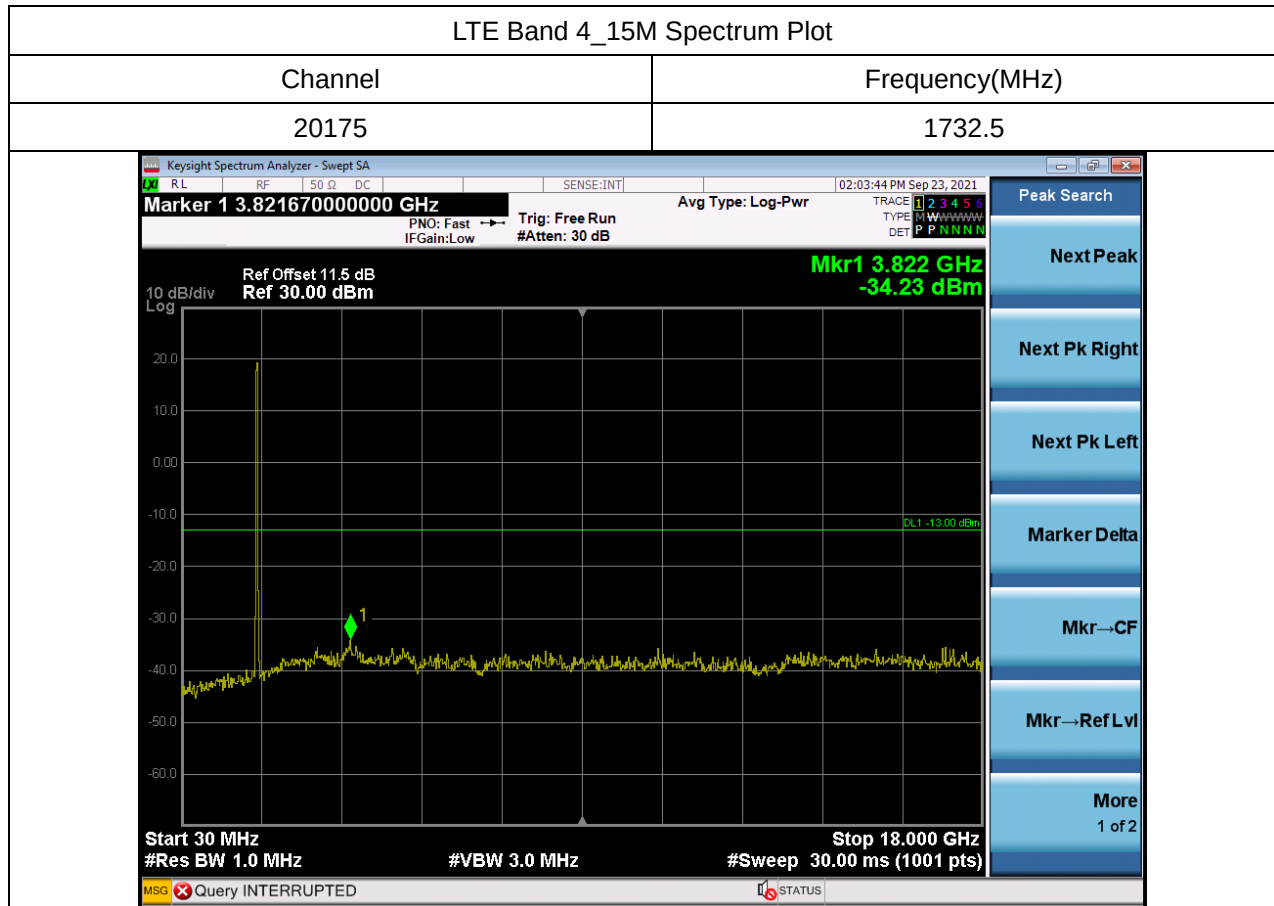


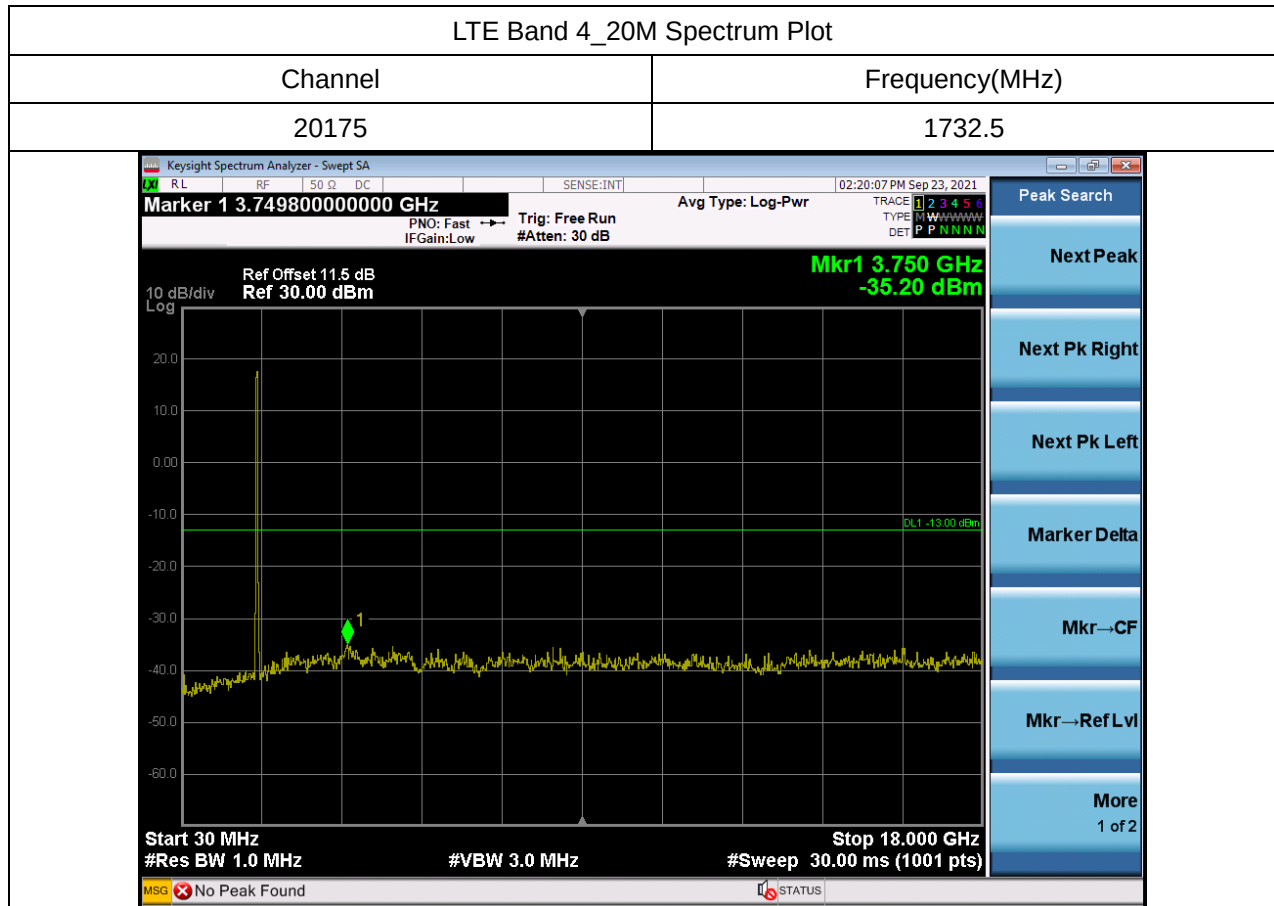


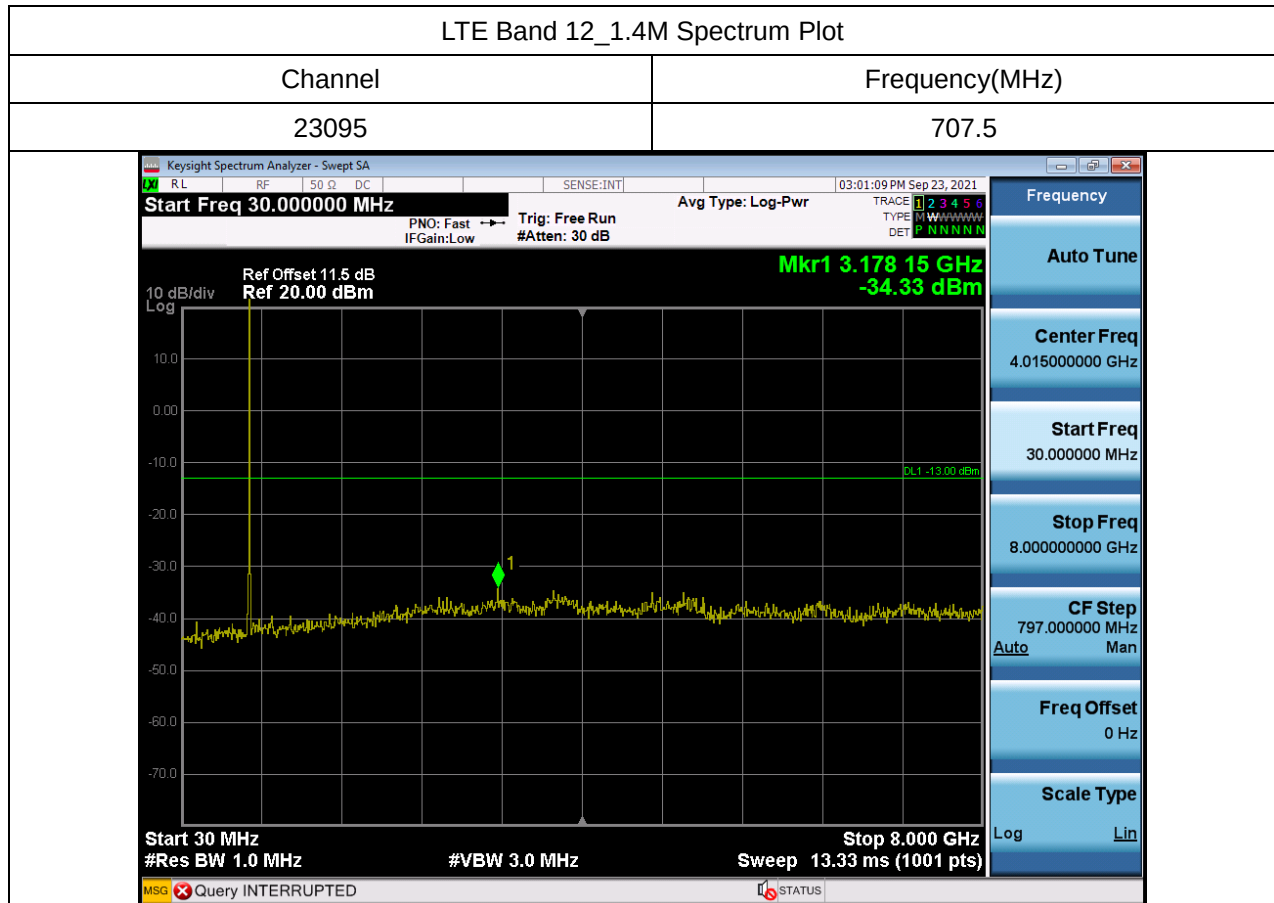


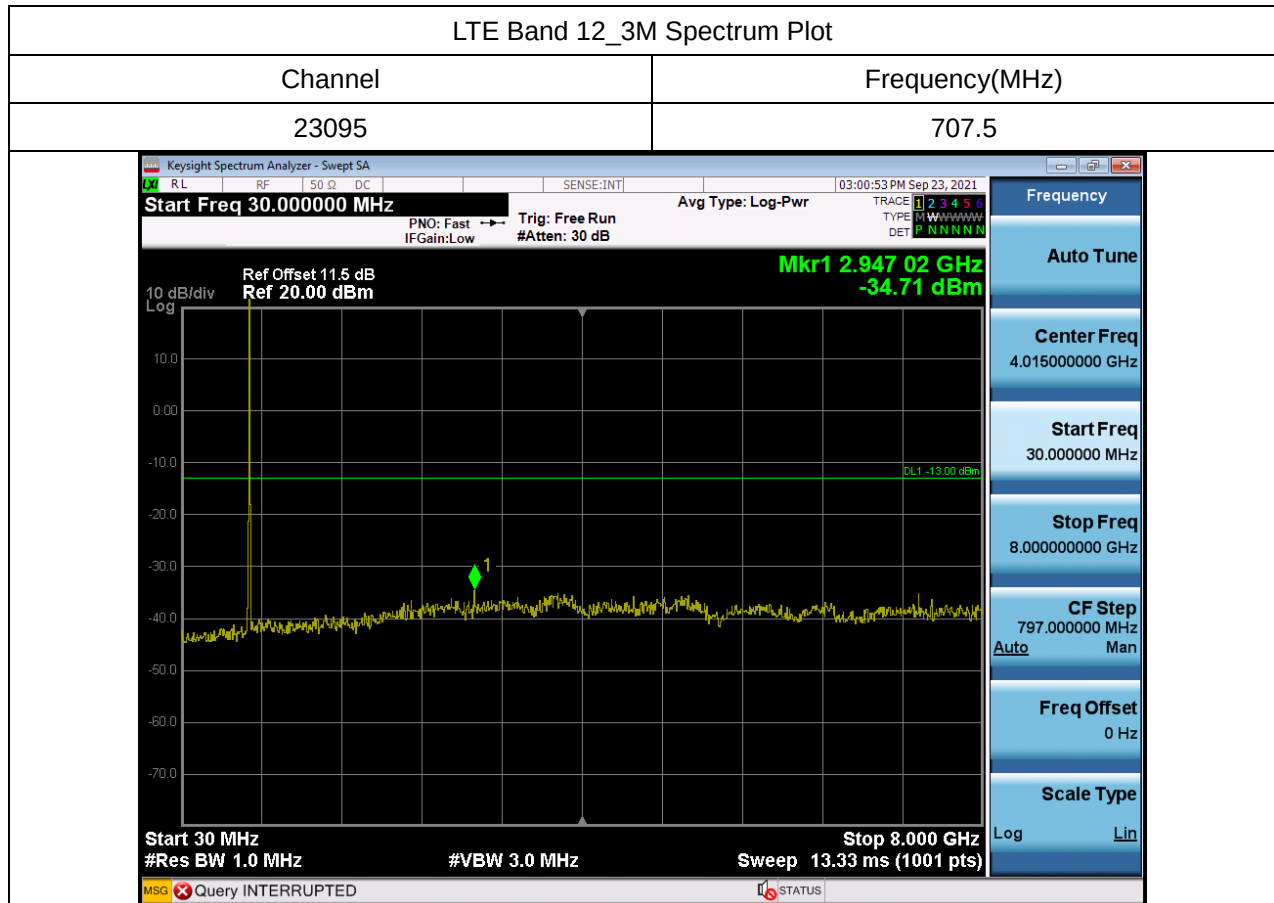


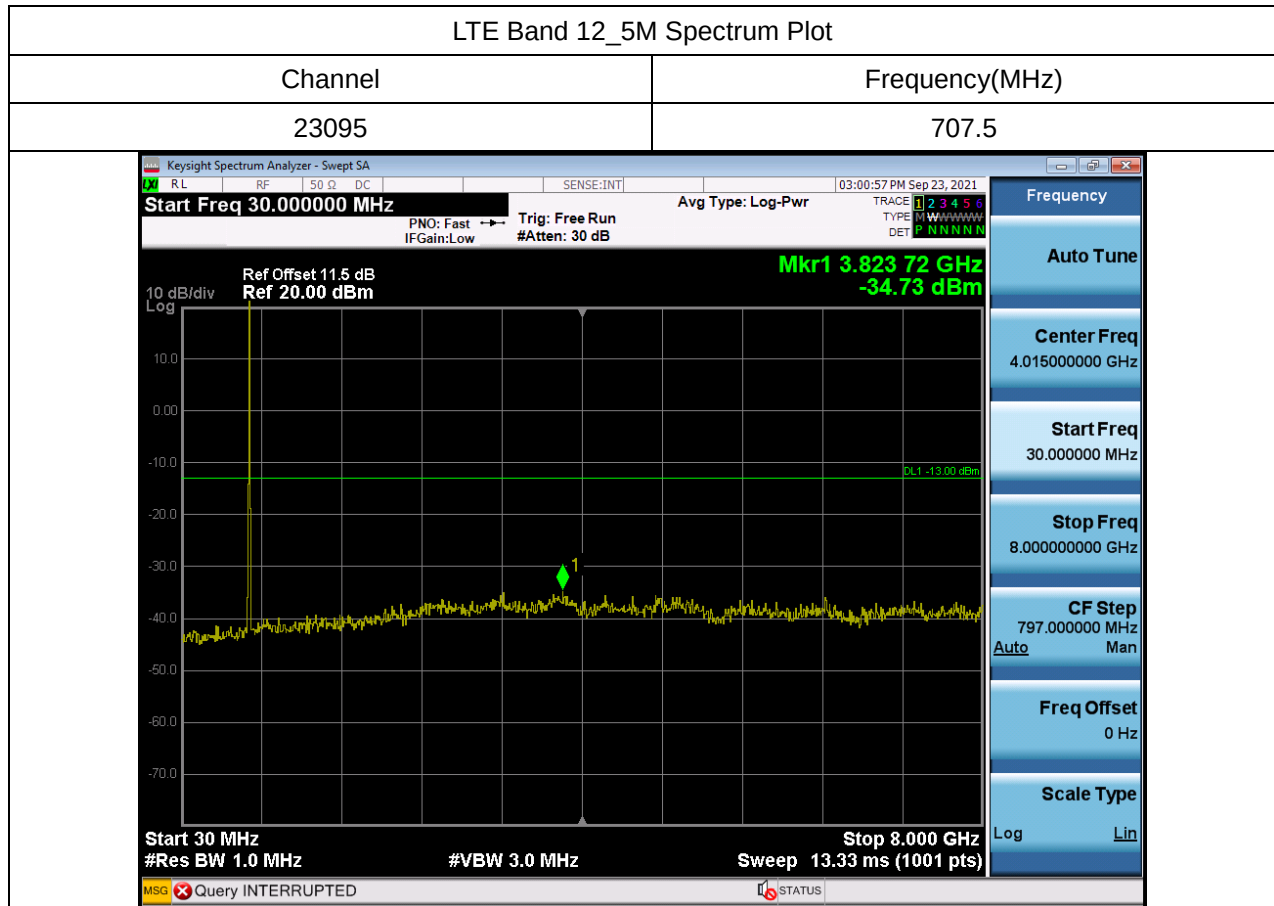


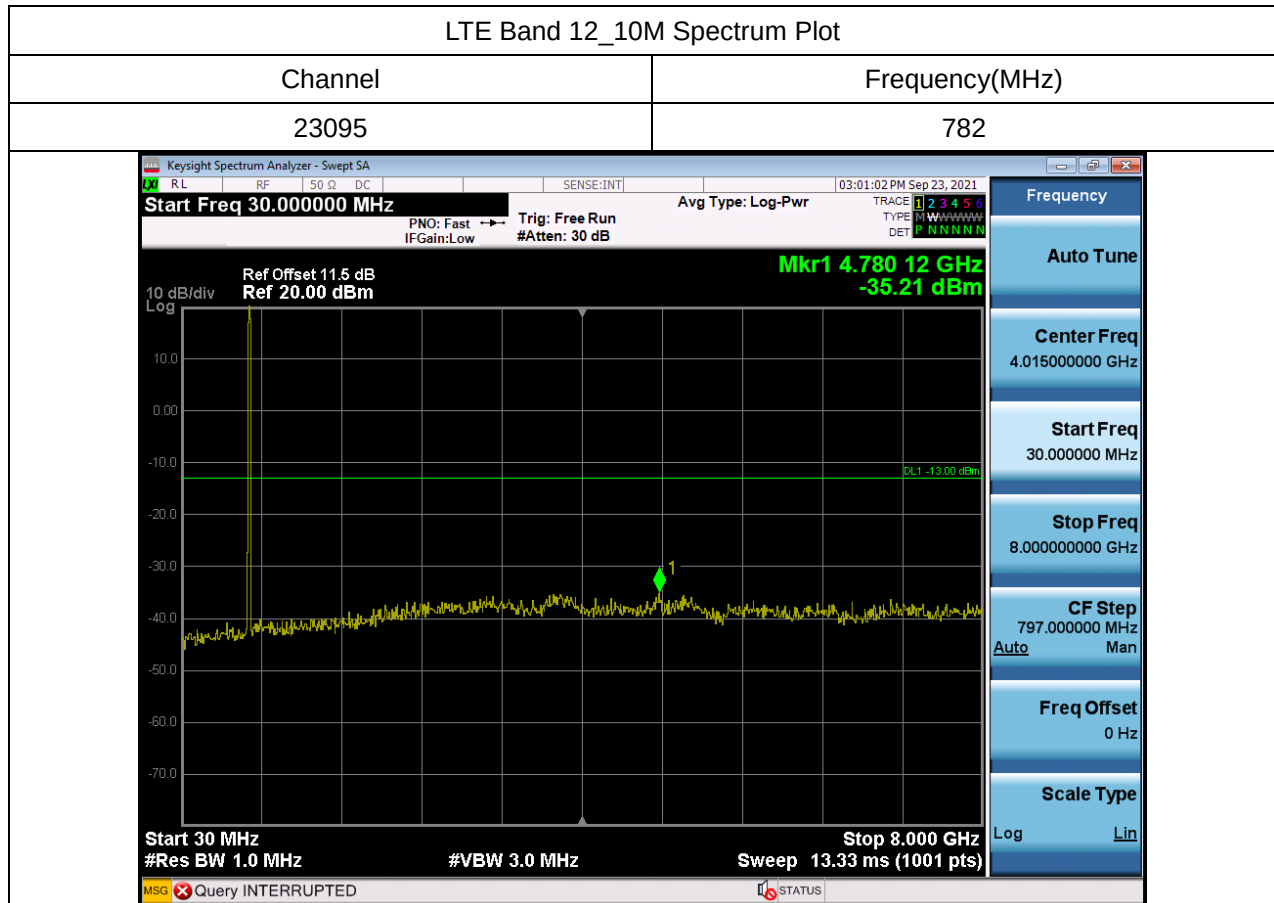


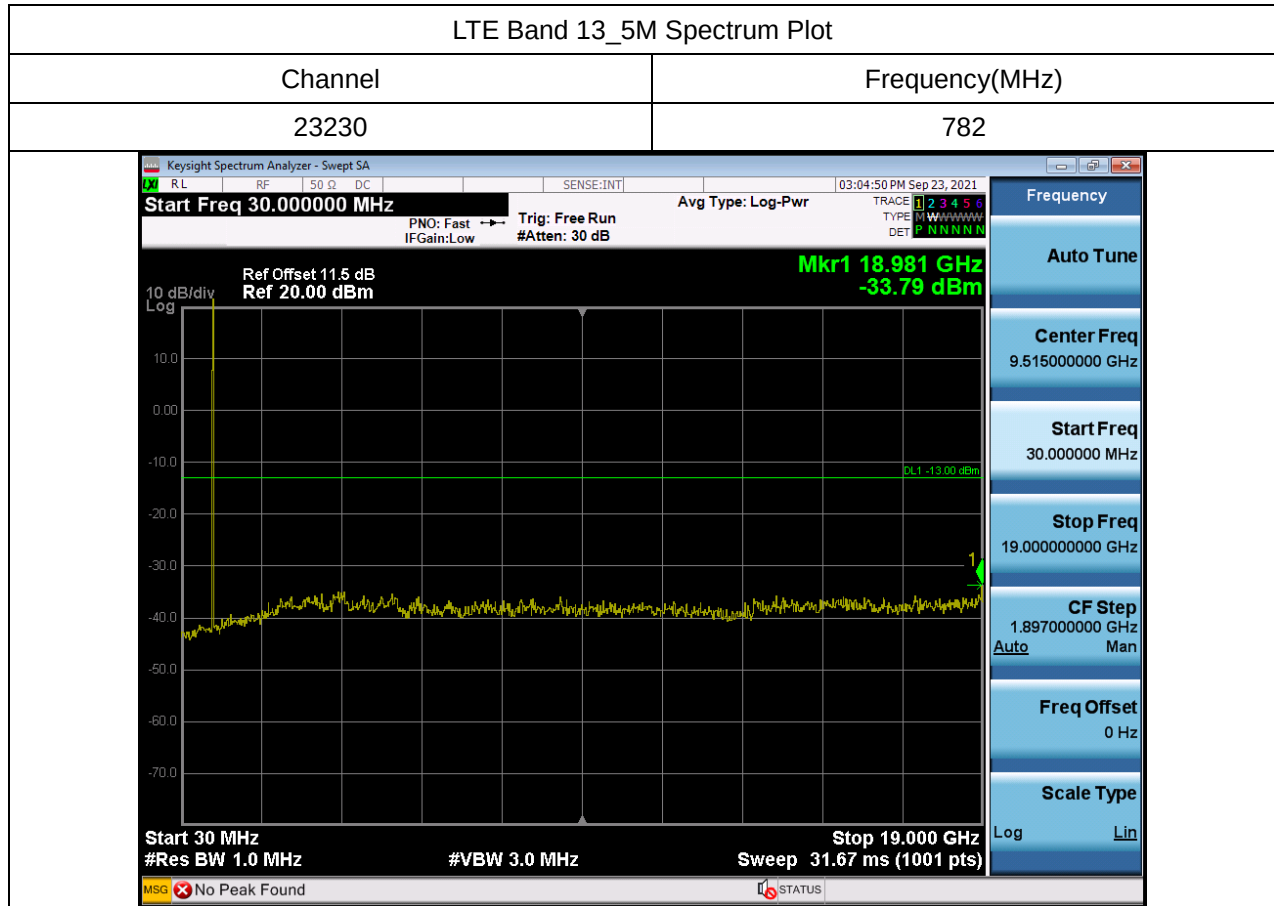


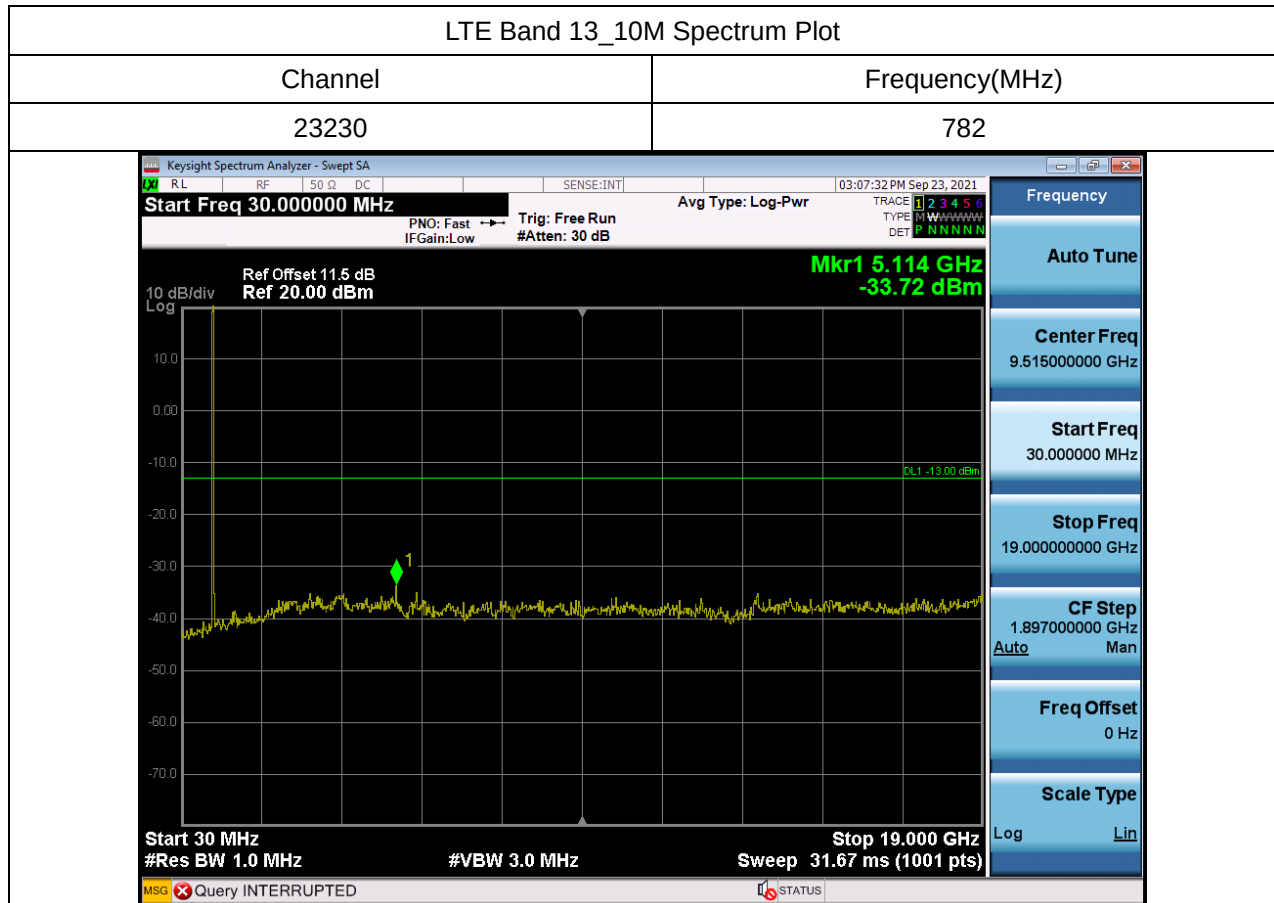










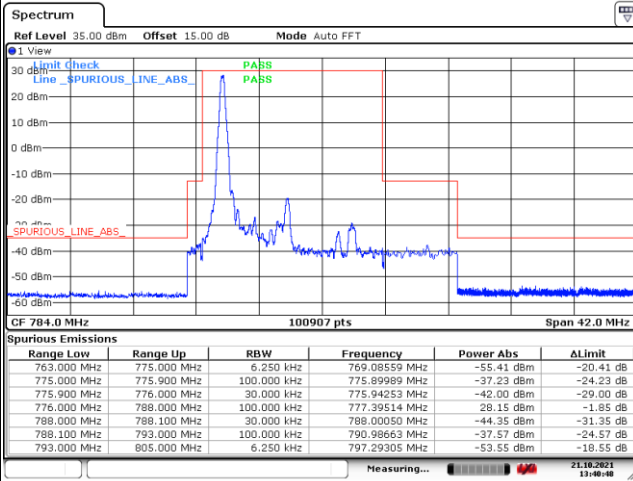


LTE Band 13_5M Spectrum Plot

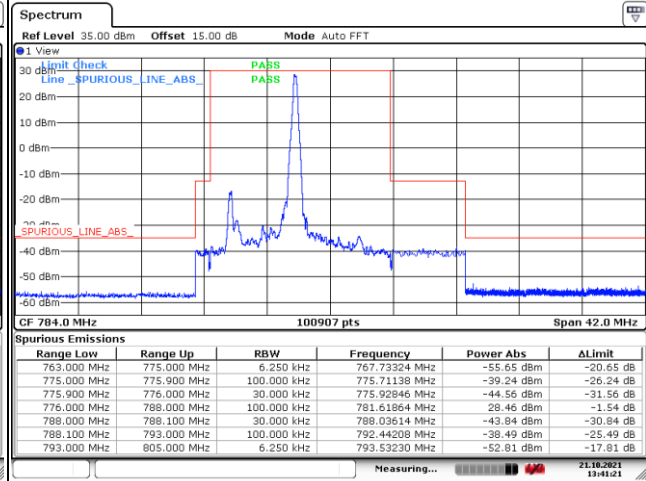
Channel_23205

1RB0

1RB24



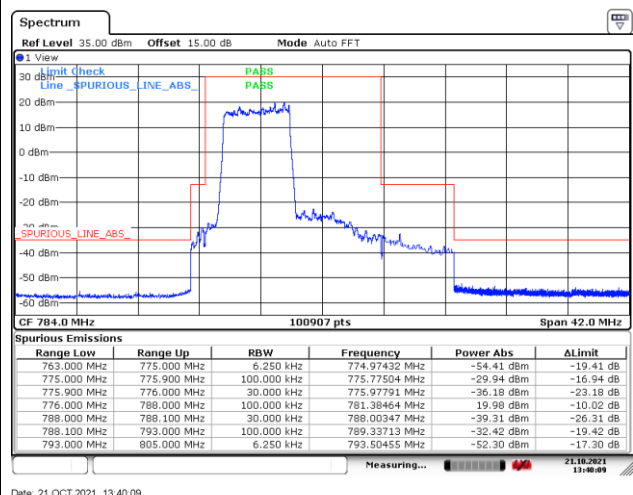
Date: 21.OCT.2021 13:40:49



Date: 21.OCT.2021 13:41:21

25RB0

-



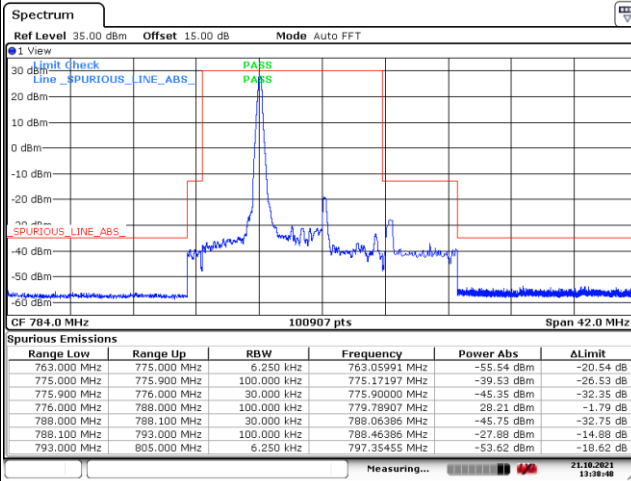
Date: 21.OCT.2021 13:40:09

LTE Band 13_5M Spectrum Plot

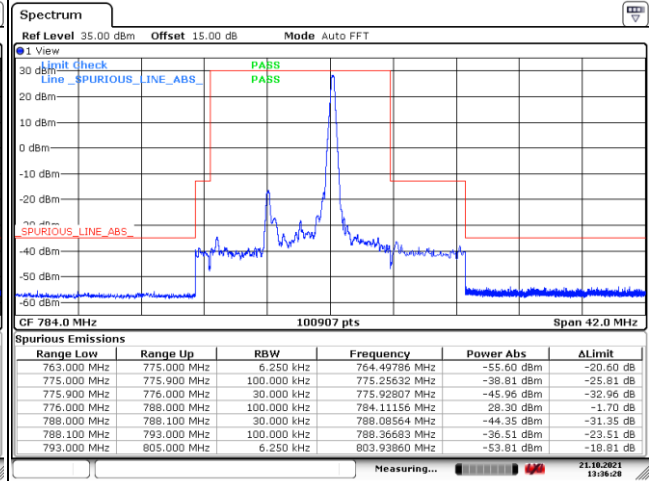
Channel_23230

1RB0

1RB24



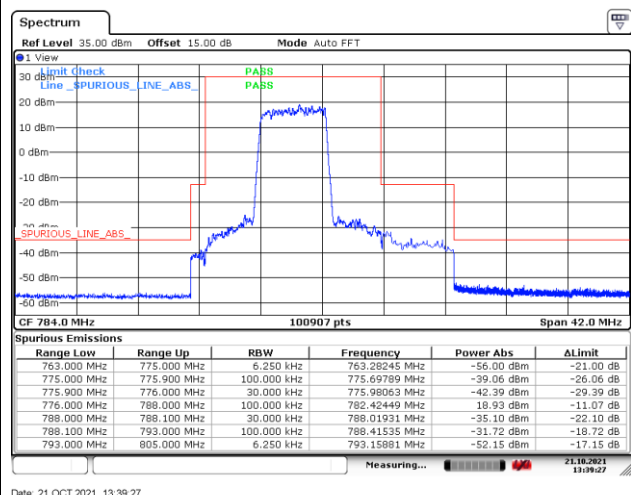
Date: 21.OCT.2021 13:38:48



Date: 21.OCT.2021 13:38:27

25RB0

-



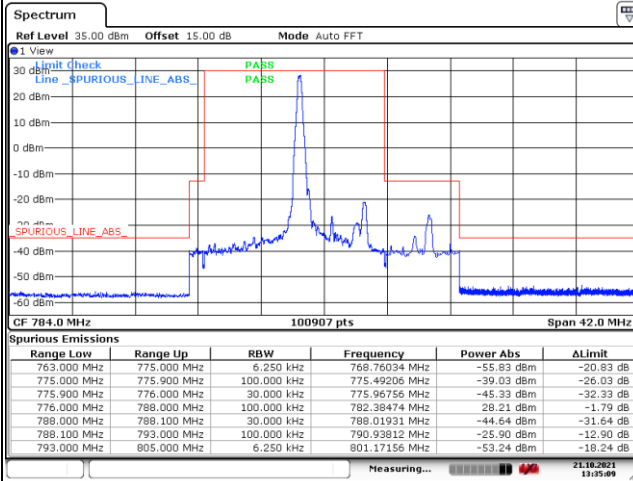
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LTE Band 13_5M Spectrum Plot

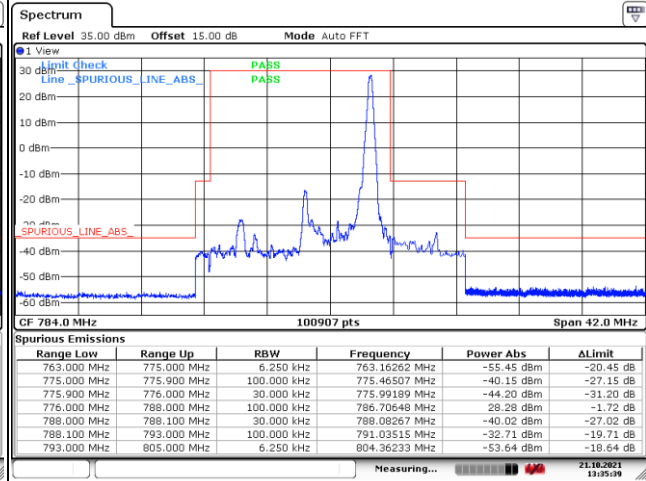
Channel_23255

1RB0

1RB24



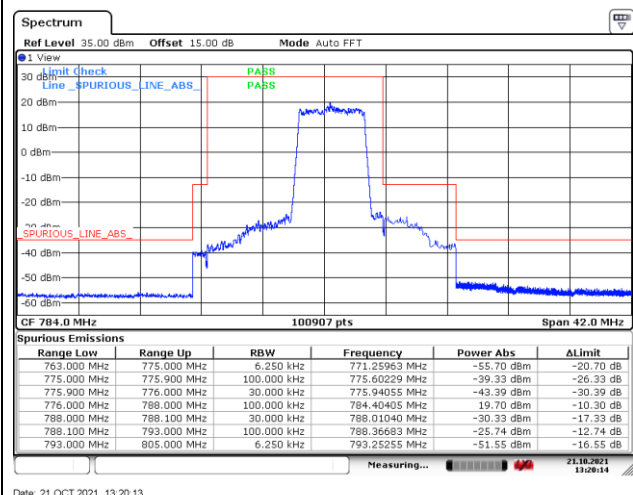
Date: 21.OCT.2021 13:35:08



Date: 21.OCT.2021 13:35:40

25RB0

-



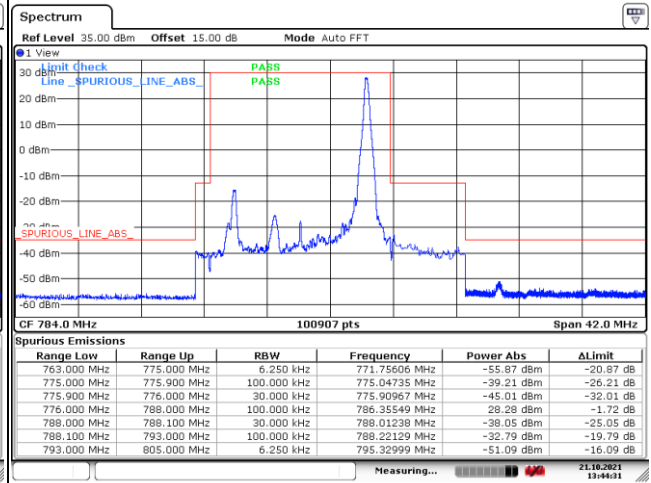
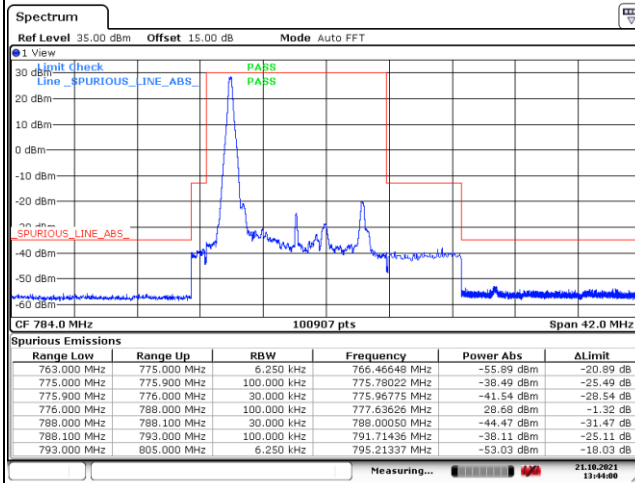
Date: 21.OCT.2021 13:20:13

LTE Band 13_10M Spectrum Plot

Channel_23230

1RB0

1RB49

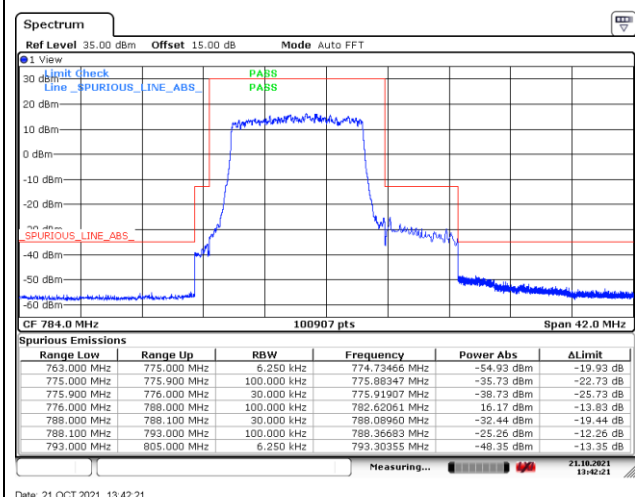


Date: 21.OCT.2021 13:44:00

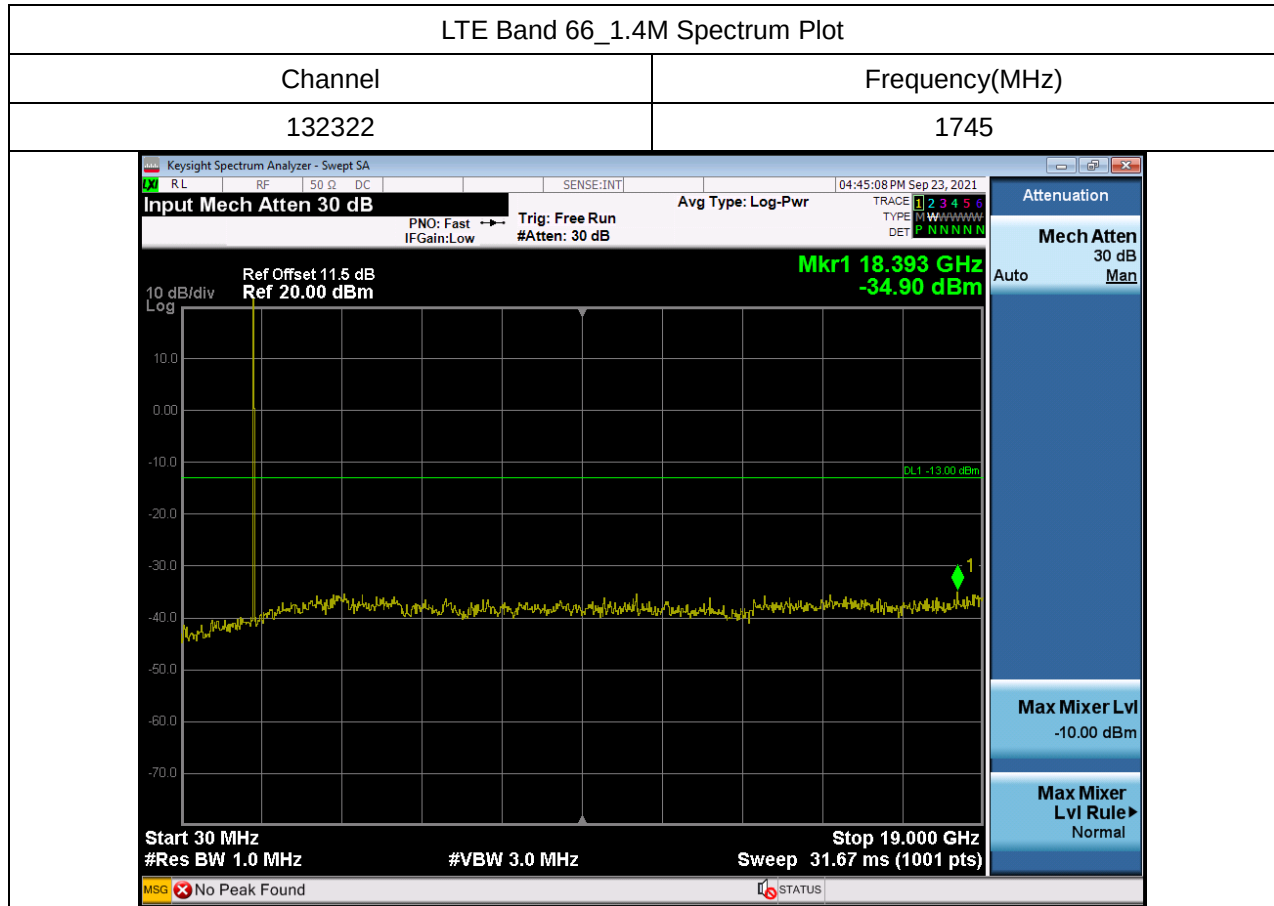
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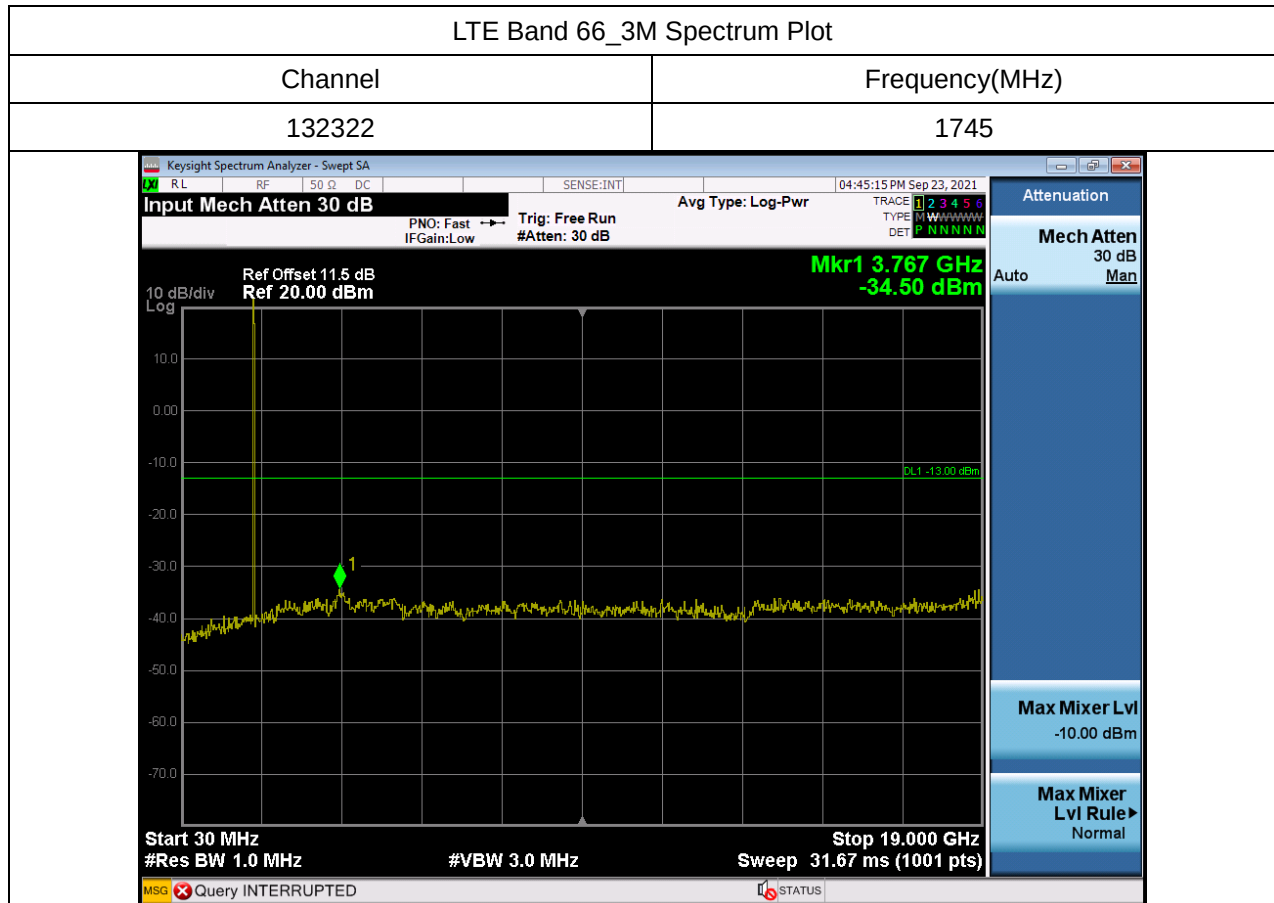
50RB0

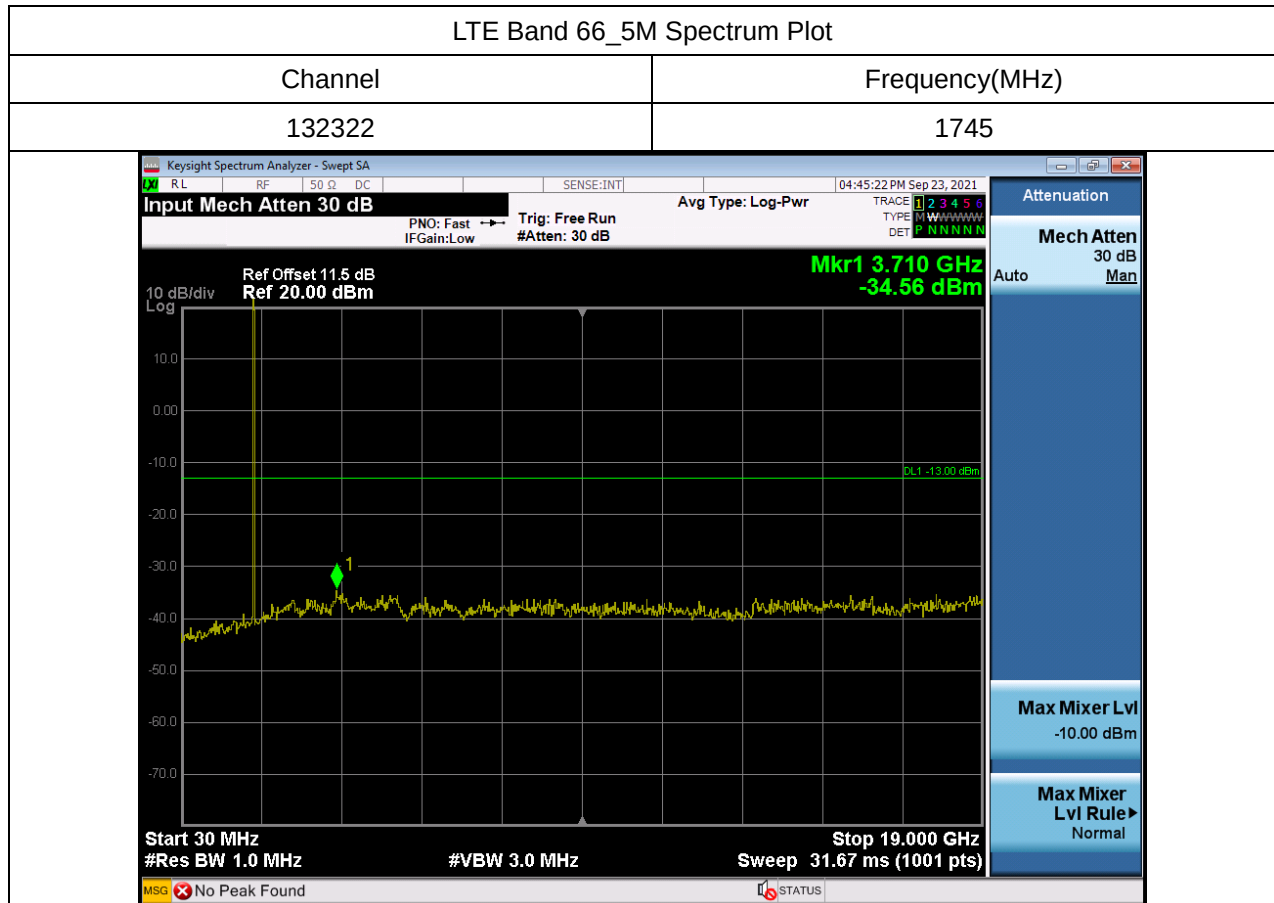
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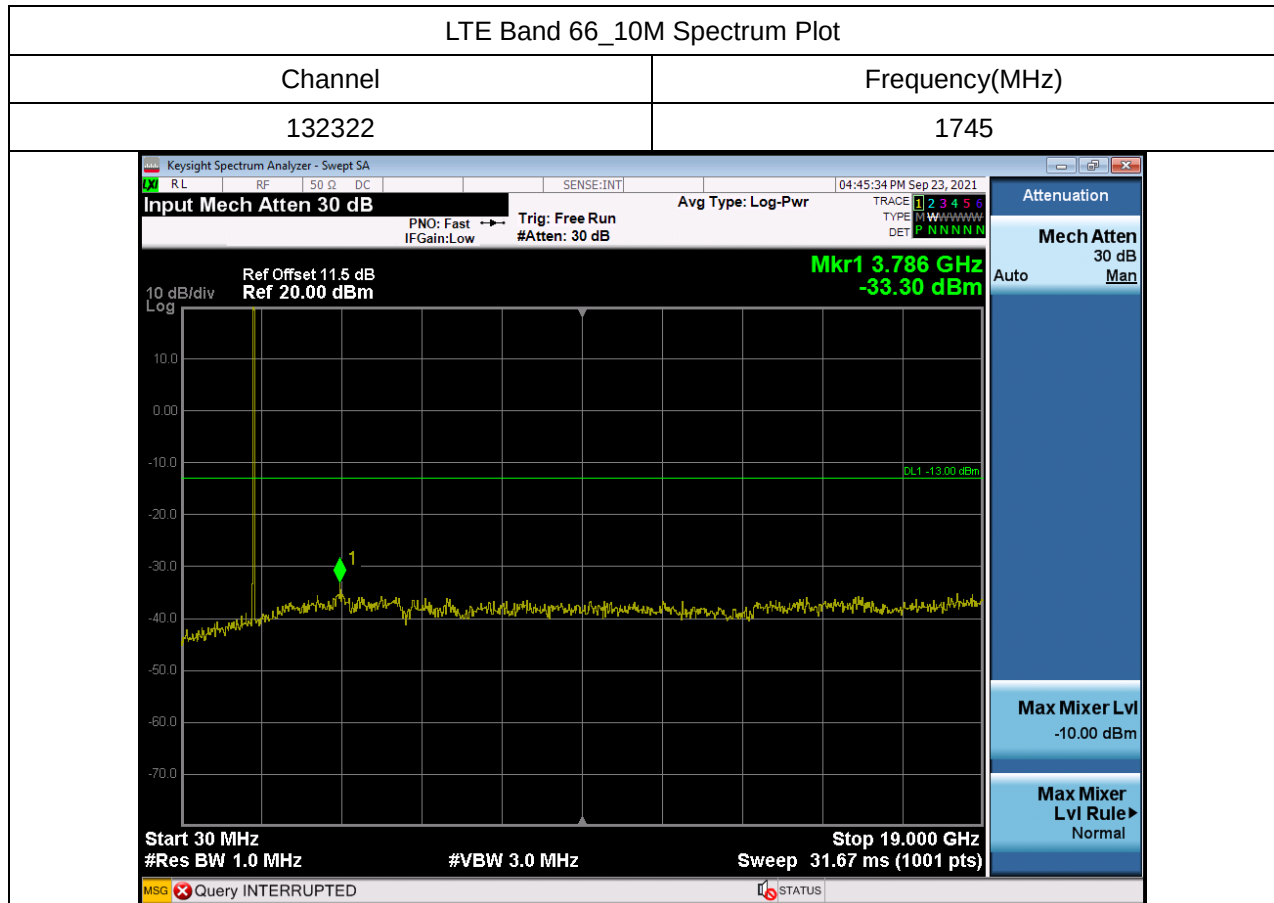


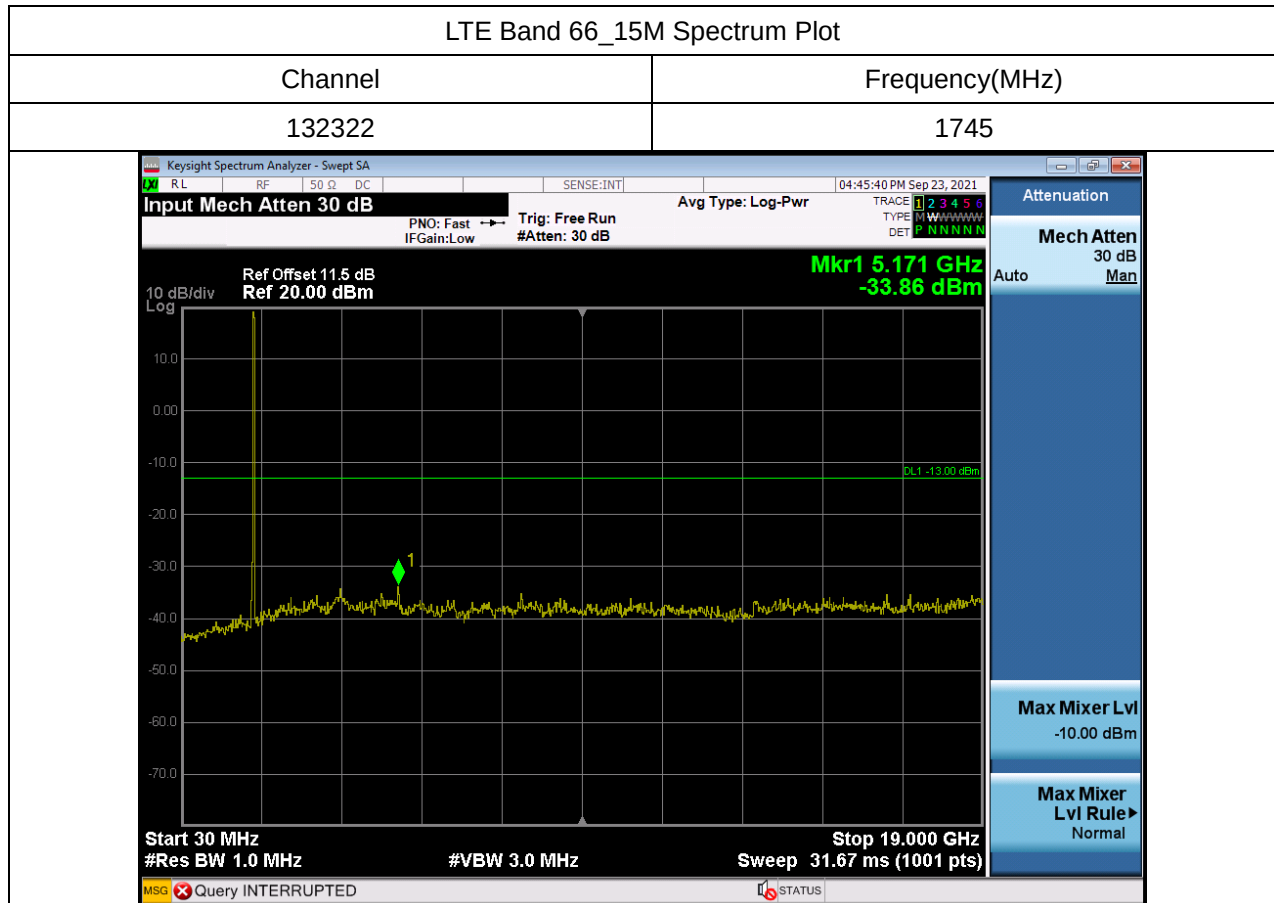
Date: 21.OCT.2021 13:42:21

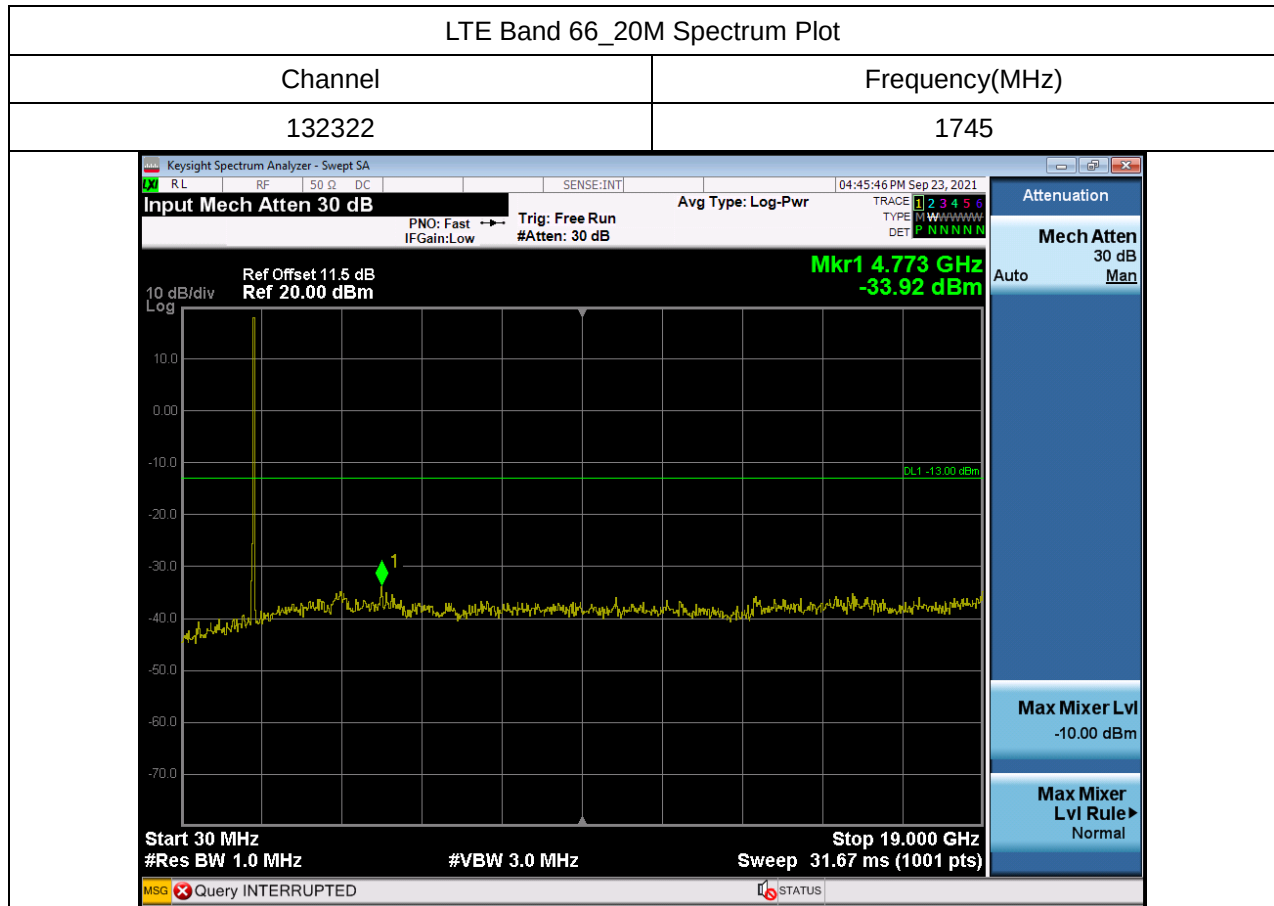






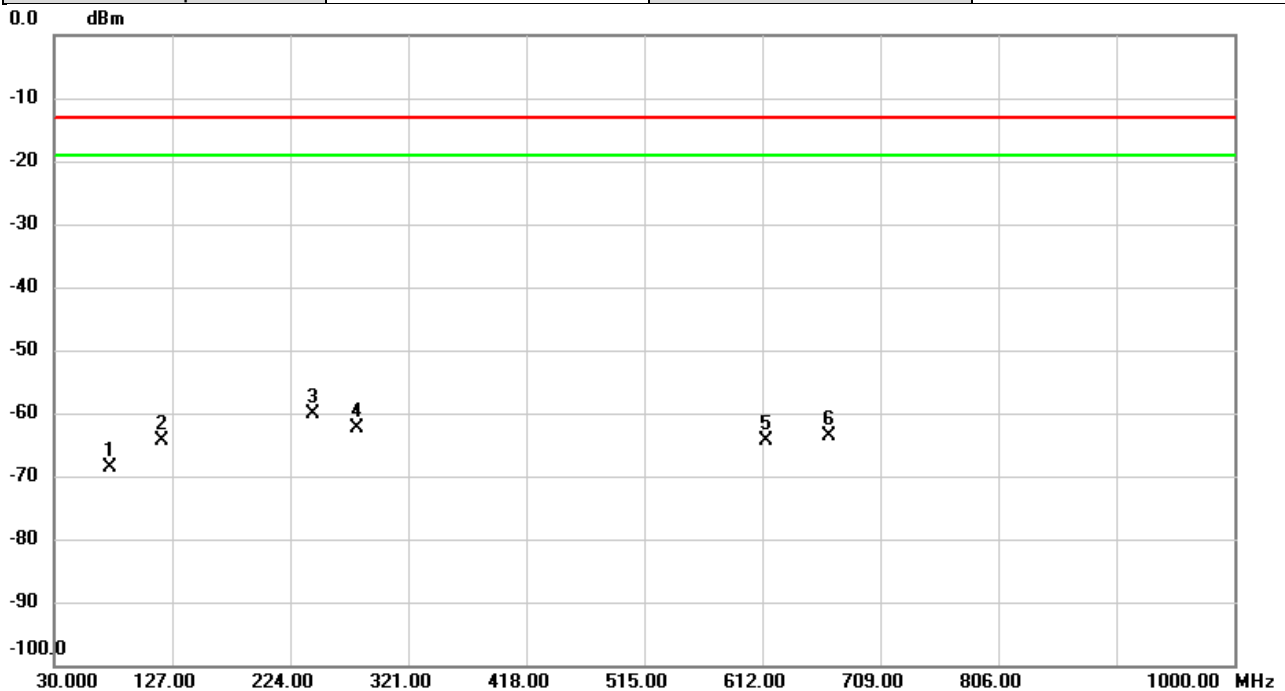






APPENDIX E RADIATED SPURIOUS EMISSIONS TEST

Test Mode	WCDMA Band IV	Test Date	2021/9/17
Test Channel	CH1652	Polarization	Vertical
Temp	25°C	Hum.	52%



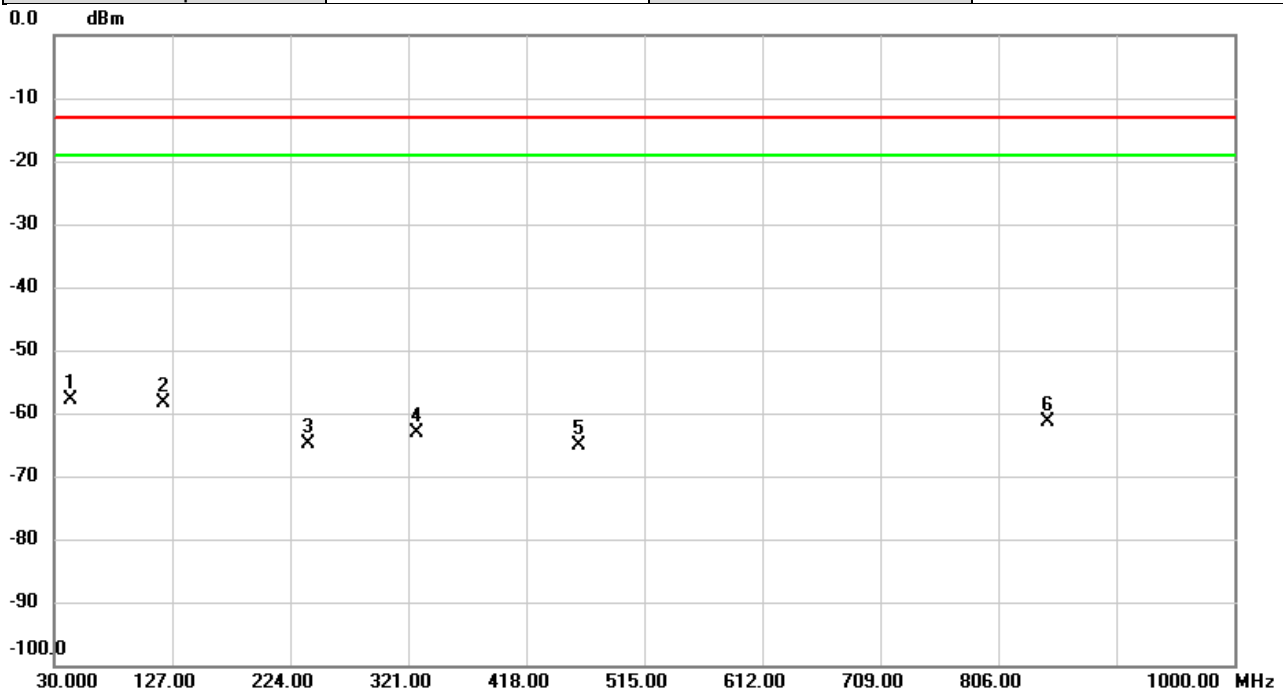
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		75.2990	-66.32	-2.27	-68.59	-13.00	-55.59	peak	
2		119.0783	-63.60	-0.70	-64.30	-13.00	-51.30	peak	
3	*	243.0443	-67.94	7.72	-60.22	-13.00	-47.22	peak	
4		279.3870	-69.92	7.67	-62.25	-13.00	-49.25	peak	
5		614.8130	-77.28	12.88	-64.40	-13.00	-51.40	peak	
6		667.2900	-76.92	13.19	-63.73	-13.00	-50.73	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band IV	Test Date	2021/9/17
Test Channel	CH1652	Polarization	Horizontal
Temp	25°C	Hum.	52%



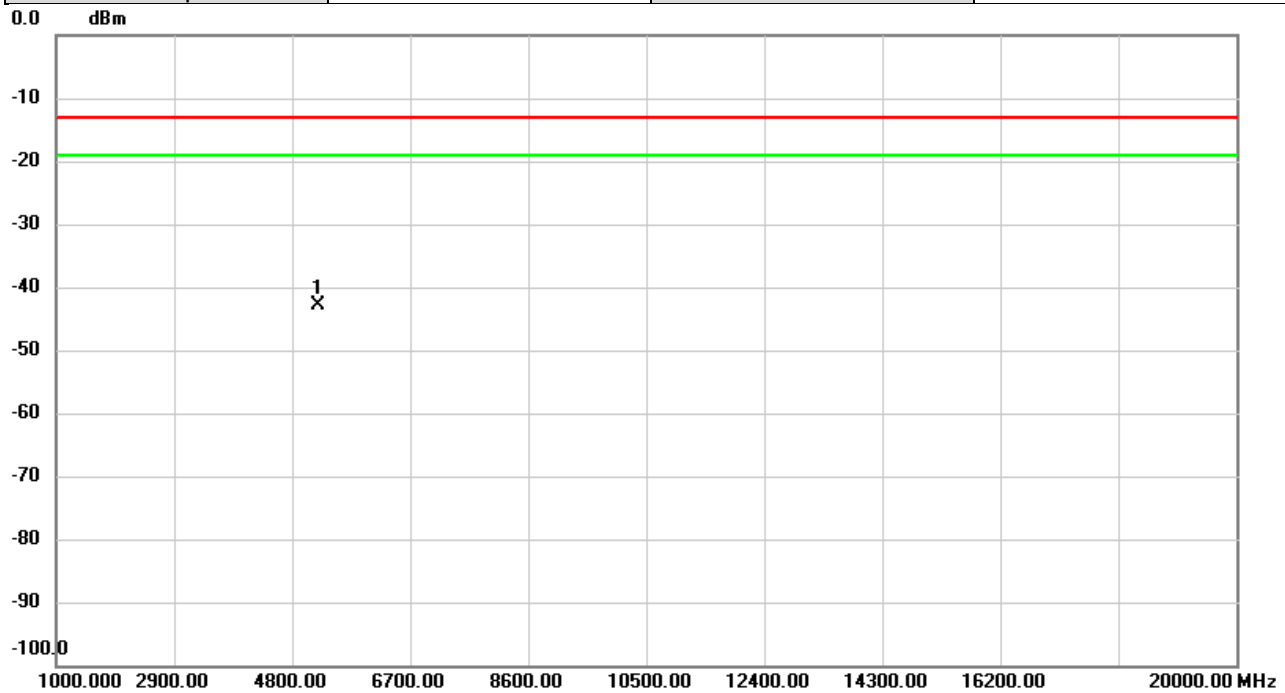
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	43.5476	-73.98	16.17	-57.81	-13.00	-44.81	peak	
2		119.8866	-60.75	2.50	-58.25	-13.00	-45.25	peak	
3		239.4230	-64.49	-0.47	-64.96	-13.00	-51.96	peak	
4		328.6630	-65.71	2.71	-63.00	-13.00	-50.00	peak	
5		461.6500	-77.54	12.44	-65.10	-13.00	-52.10	peak	
6		846.8693	-77.81	16.34	-61.47	-13.00	-48.47	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band IV	Test Date	2021/9/17
Test Channel	CH1738	Polarization	Vertical
Temp	25°C	Hum.	52%

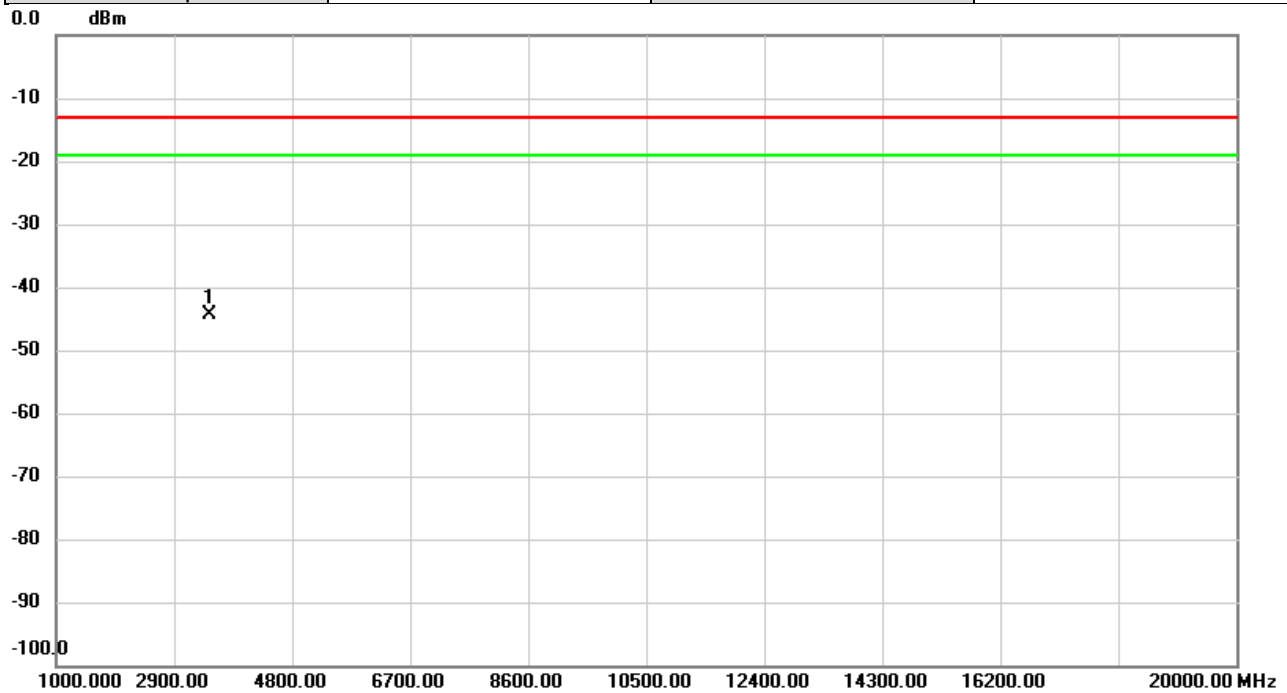


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5210.400	-44.70	1.81	-42.89	-13.00	-29.89	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band IV	Test Date	2021/9/17
Test Channel	CH1738	Polarization	Horizontal
Temp	25°C	Hum.	52%

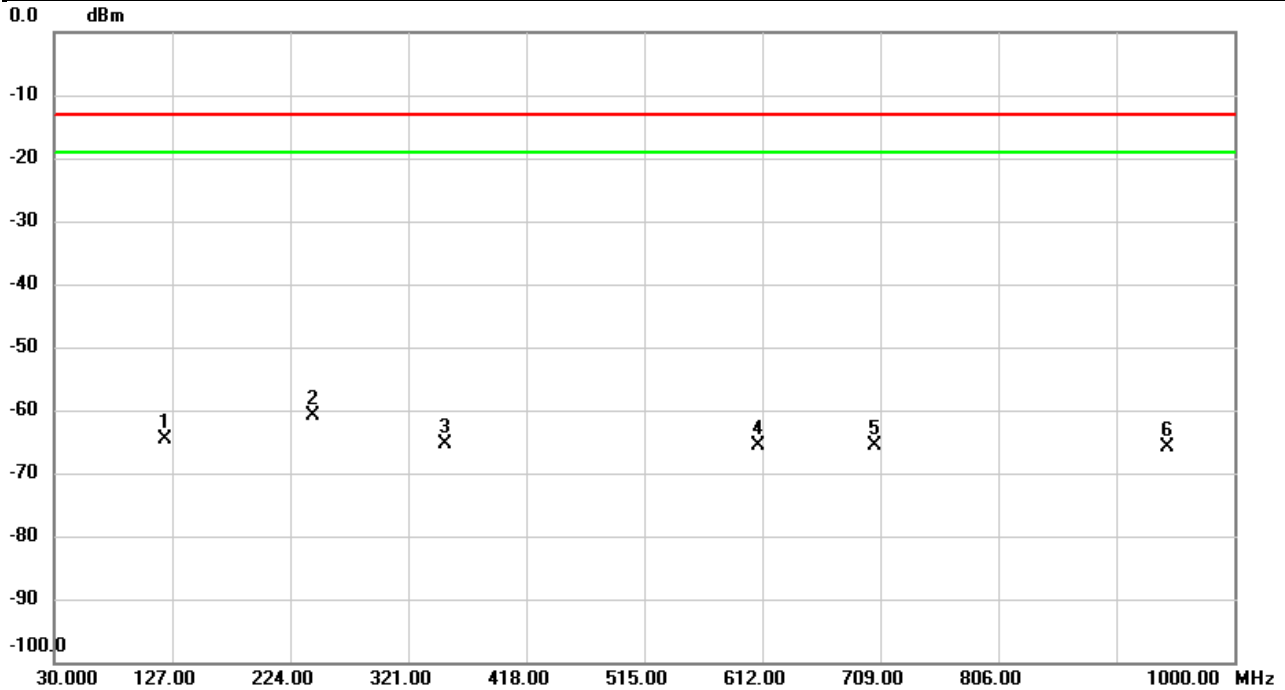


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3472.533	-42.54	-1.85	-44.39	-13.00	-31.39	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 4	Test Date	2021/9/17
Test Channel	CH20175	Polarization	Vertical
Temp	25°C	Hum.	52%

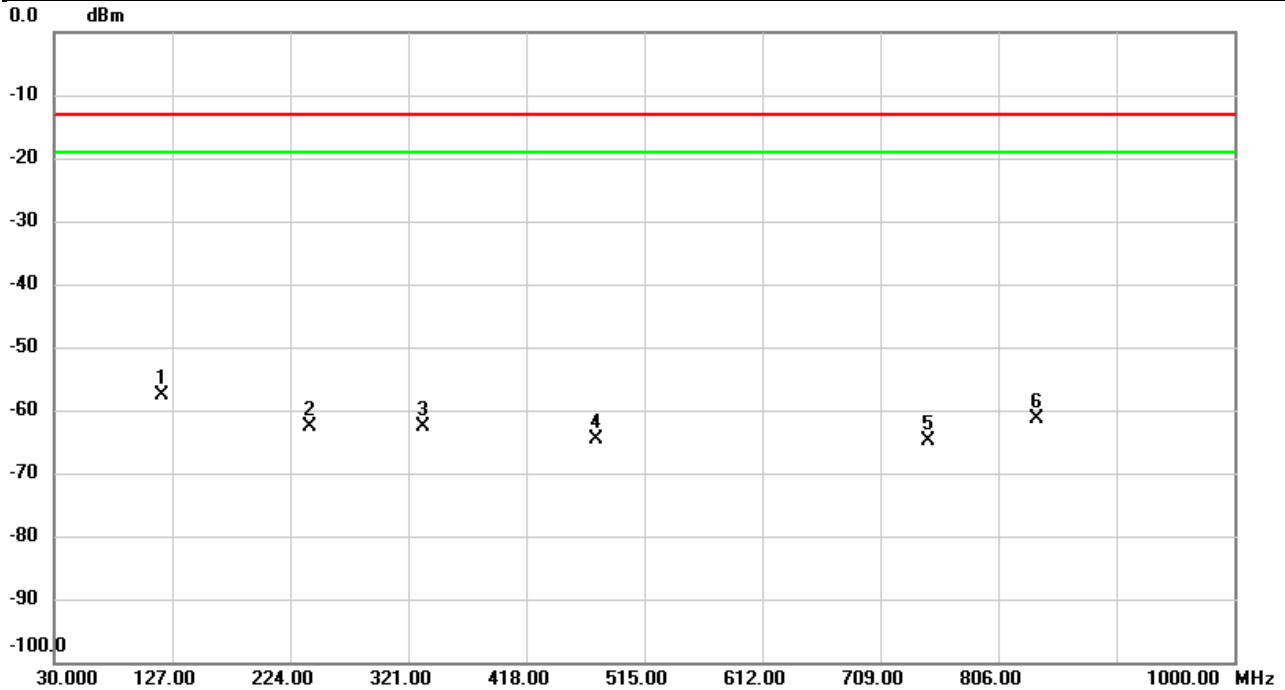


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		120.5656	-63.90	-0.71	-64.61	-13.00	-51.61	peak	
2	*	242.9796	-68.68	7.72	-60.96	-13.00	-47.96	peak	
3		351.5550	-72.39	6.92	-65.47	-13.00	-52.47	peak	
4		608.4433	-78.35	12.80	-65.55	-13.00	-52.55	peak	
5		704.3763	-78.57	12.89	-65.68	-13.00	-52.68	peak	
6		944.6453	-78.14	12.27	-65.87	-13.00	-52.87	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 4	Test Date	2021/9/17
Test Channel	CH20175	Polarization	Horizontal
Temp	25°C	Hum.	52%

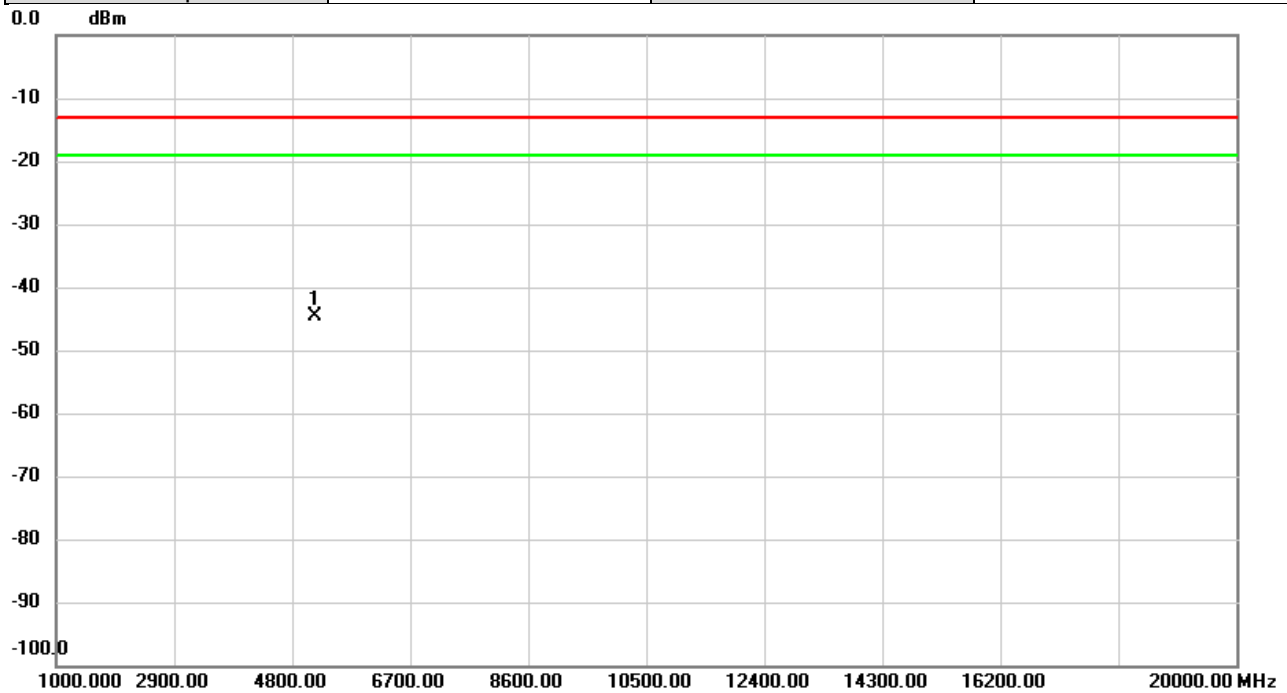


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	118.5610	-60.26	2.62	-57.64	-13.00	-44.64	peak	
2		240.6516	-62.09	-0.48	-62.57	-13.00	-49.57	peak	
3		333.5130	-65.73	3.02	-62.71	-13.00	-49.71	peak	
4		475.1653	-76.57	11.91	-64.66	-13.00	-51.66	peak	
5		748.1556	-77.62	12.64	-64.98	-13.00	-51.98	peak	
6		837.1370	-77.49	16.10	-61.39	-13.00	-48.39	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 4	Test Date	2021/9/16
Test Channel	CH20175	Polarization	Vertical
Temp	22°C	Hum.	54%

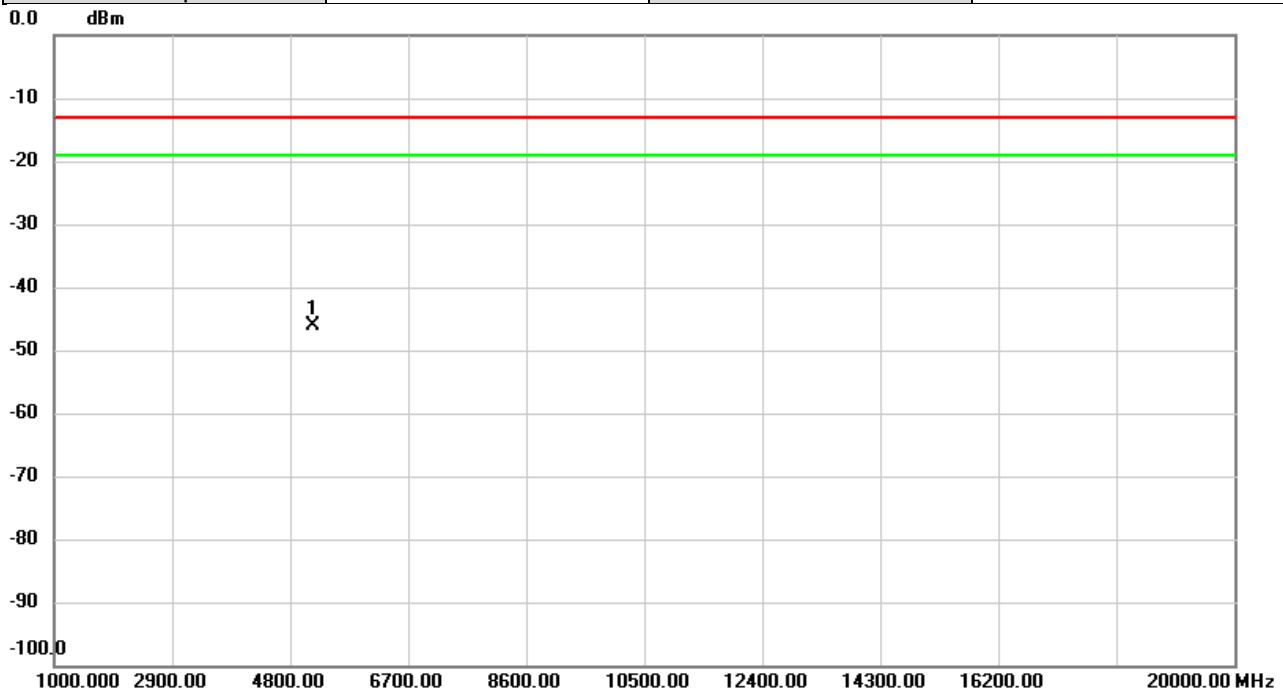


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5171.133	-46.29	1.68	-44.61	-13.00	-31.61	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 4	Test Date	2021/9/16
Test Channel	CH20175	Polarization	Horizontal
Temp	22°C	Hum.	54%

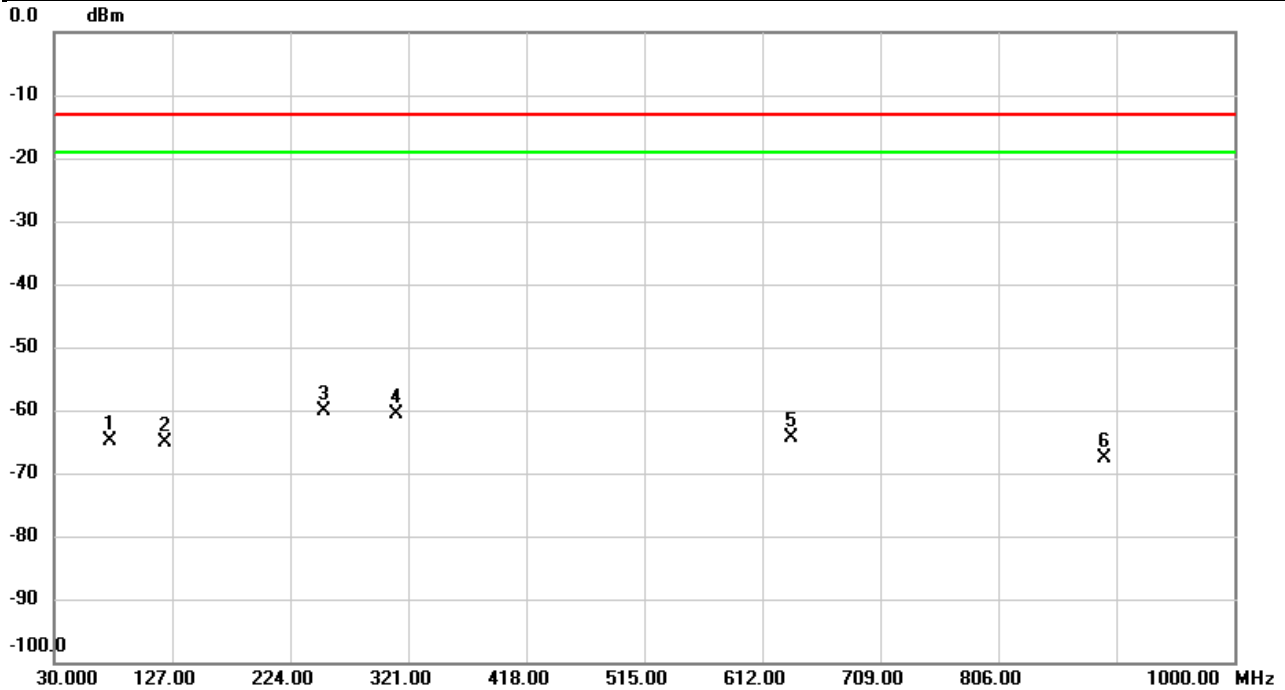


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5171.133	-48.75	2.63	-46.12	-13.00	-33.12	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 12	Test Date	2021/9/17
Test Channel	CH23095	Polarization	Vertical
Temp	25°C	Hum.	52%

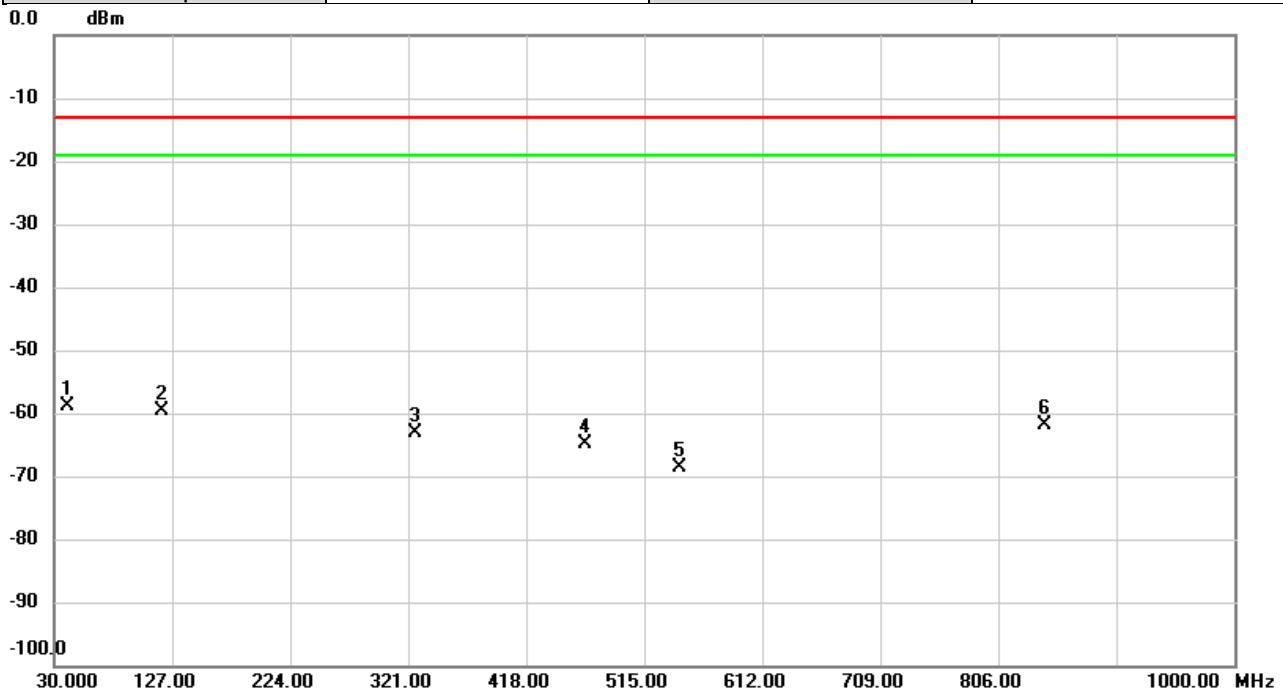


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		75.5577	-62.49	-2.26	-64.75	-13.00	-51.75	peak	
2		121.6650	-64.40	-0.61	-65.01	-13.00	-52.01	peak	
3	*	252.1947	-67.91	7.68	-60.23	-13.00	-47.23	peak	
4		311.3970	-68.23	7.52	-60.71	-13.00	-47.71	peak	
5		636.1853	-77.60	13.12	-64.48	-13.00	-51.48	peak	
6		893.7527	-78.35	10.84	-67.51	-13.00	-54.51	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 12	Test Date	2021/9/17
Test Channel	CH23095	Polarization	Horizontal
Temp	25°C	Hum.	52%



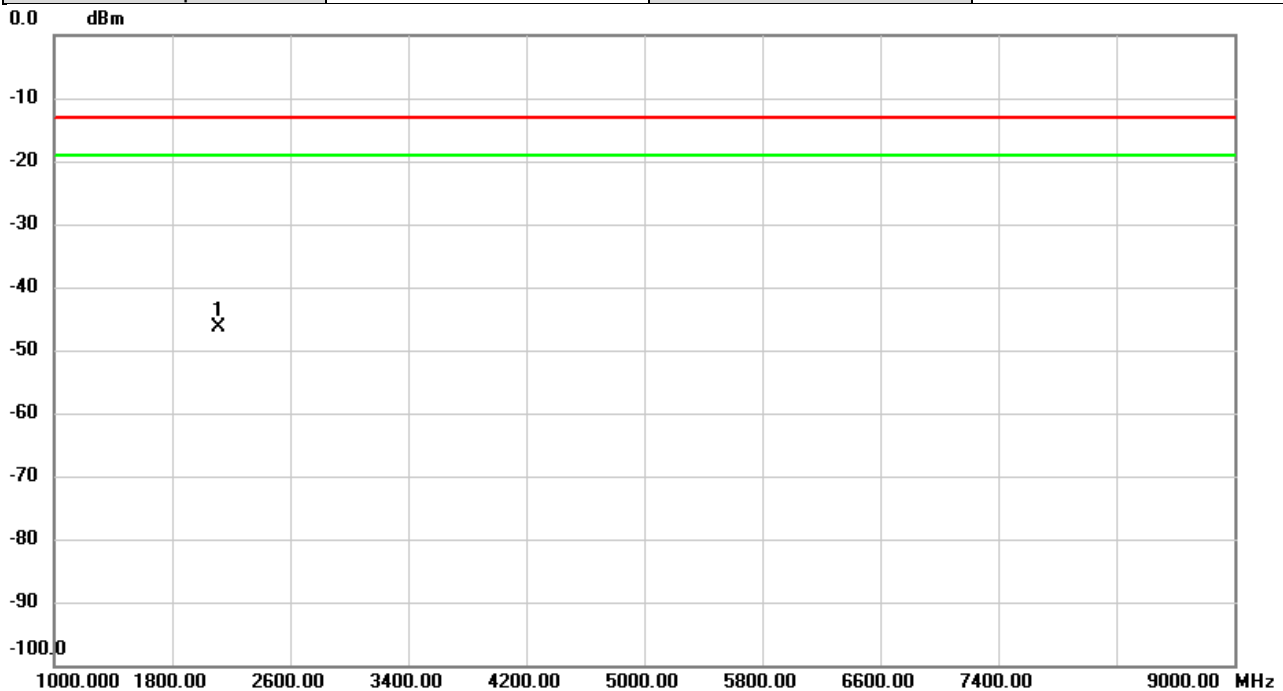
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	41.2196	-75.73	16.78	-58.95	-13.00	-45.95	peak	
2		118.8520	-62.28	2.59	-59.69	-13.00	-46.69	peak	
3		326.2056	-65.68	2.55	-63.13	-13.00	-50.13	peak	
4		466.6616	-77.08	12.27	-64.81	-13.00	-51.81	peak	
5		544.4880	-77.51	8.96	-68.55	-13.00	-55.55	peak	
6		844.4443	-78.12	16.28	-61.84	-13.00	-48.84	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 12	Test Date	2021/9/17
Test Channel	CH23095	Polarization	Vertical
Temp	25°C	Hum.	52%

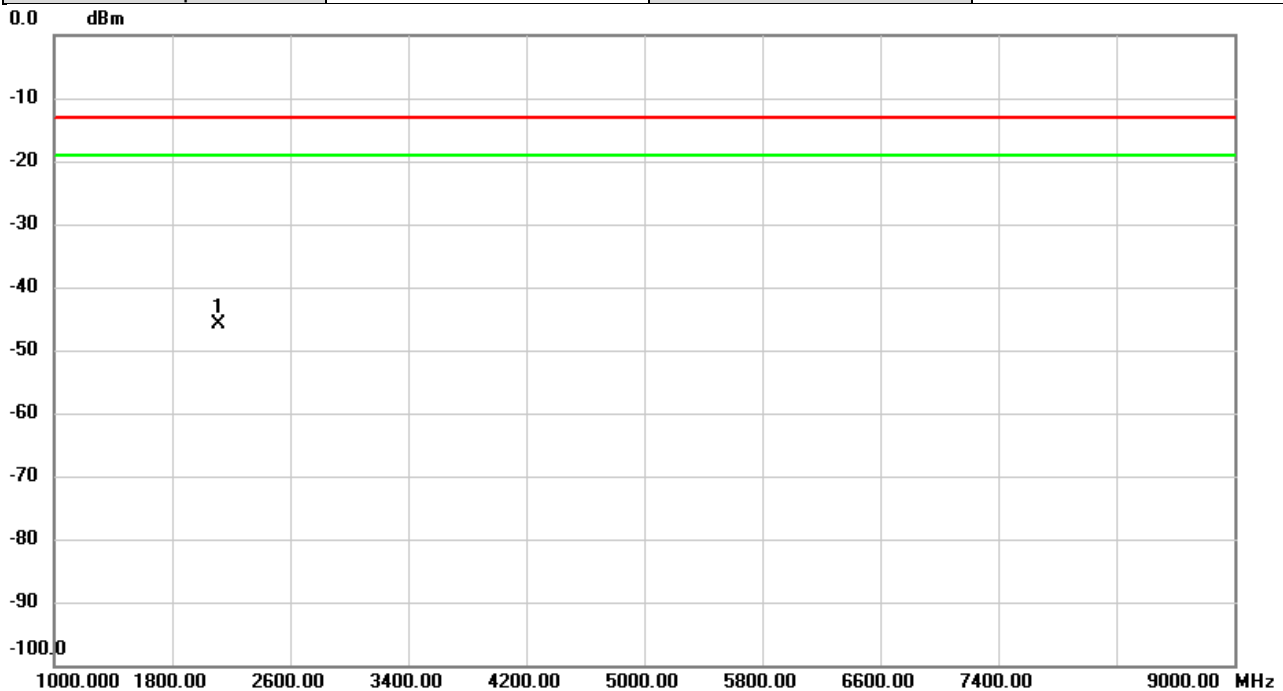


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2109.600	-40.73	-5.54	-46.27	-13.00	-33.27	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 12	Test Date	2021/9/17
Test Channel	CH23095	Polarization	Horizontal
Temp	25°C	Hum.	52%

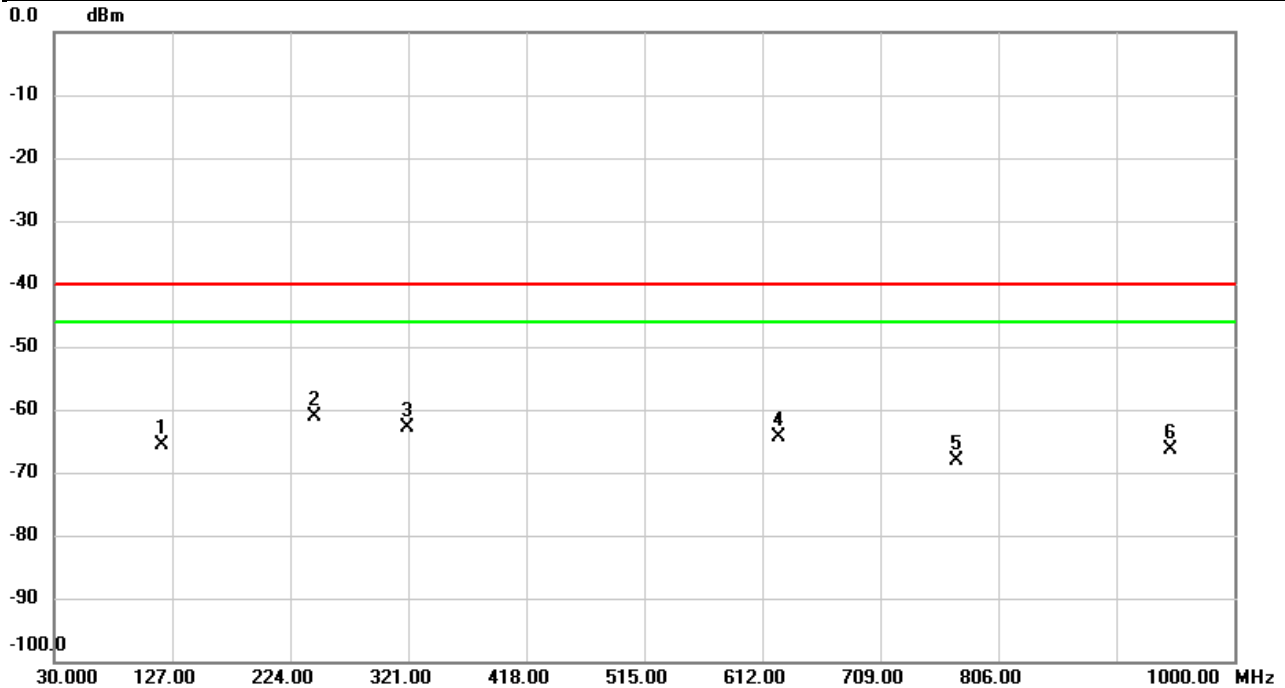


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2109.600	-40.69	-5.18	-45.87	-13.00	-32.87	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 13	Test Date	2021/9/17
Test Channel	CH23230	Polarization	Vertical
Temp	25°C	Hum.	52%

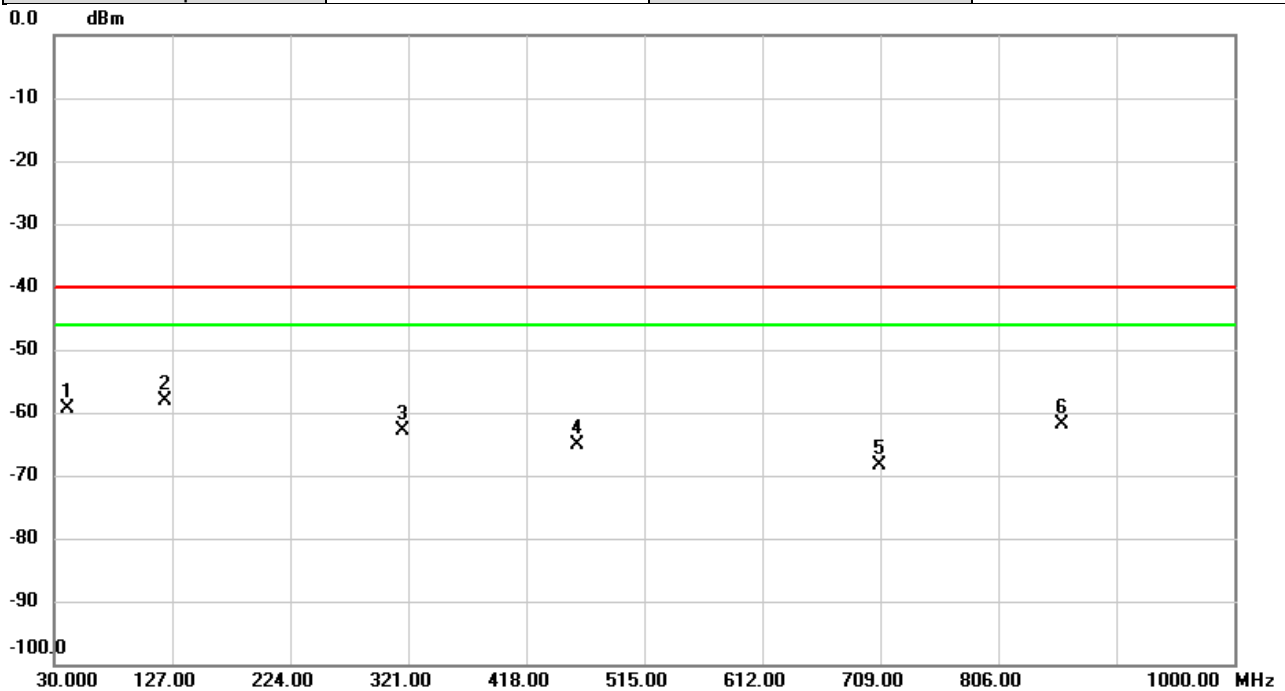


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		118.6903	-64.89	-0.68	-65.57	-40.00	-25.57	peak	
2	*	244.3700	-68.91	7.71	-61.20	-40.00	-21.20	peak	
3		320.9030	-70.31	7.40	-62.91	-40.00	-22.91	peak	
4		626.2266	-77.39	13.00	-64.39	-40.00	-24.39	peak	
5		771.6620	-78.16	10.11	-68.05	-40.00	-28.05	peak	
6		947.6846	-78.82	12.35	-66.47	-40.00	-26.47	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 13	Test Date	2021/9/17
Test Channel	CH23230	Polarization	Horizontal
Temp	25°C	Hum.	52%



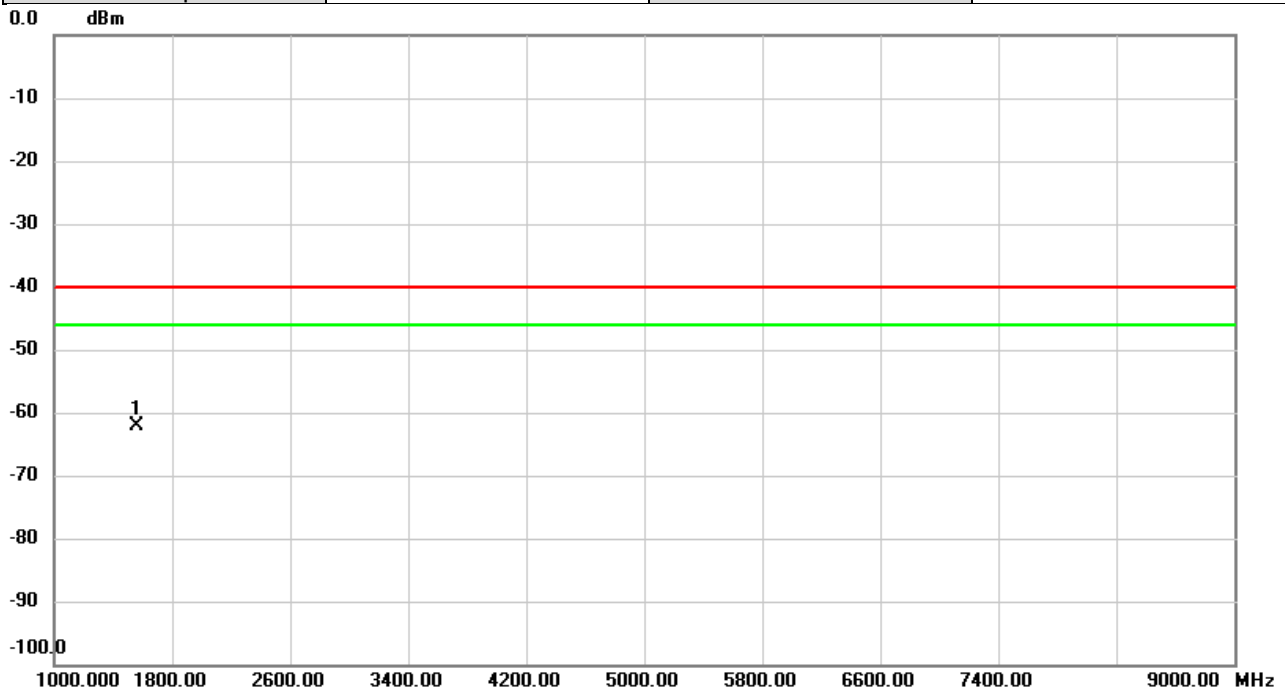
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		41.1873	-76.18	16.79	-59.39	-40.00	-19.39	peak	
2	*	121.1153	-60.69	2.53	-58.16	-40.00	-18.16	peak	
3		316.4086	-64.80	1.92	-62.88	-40.00	-22.88	peak	
4		460.1950	-77.44	12.43	-65.01	-40.00	-25.01	peak	
5		708.7413	-78.31	9.97	-68.34	-40.00	-28.34	peak	
6		858.5740	-78.14	16.30	-61.84	-40.00	-21.84	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 13	Test Date	2021/9/17
Test Channel	CH23230	Polarization	Vertical
Temp	25°C	Hum.	52%

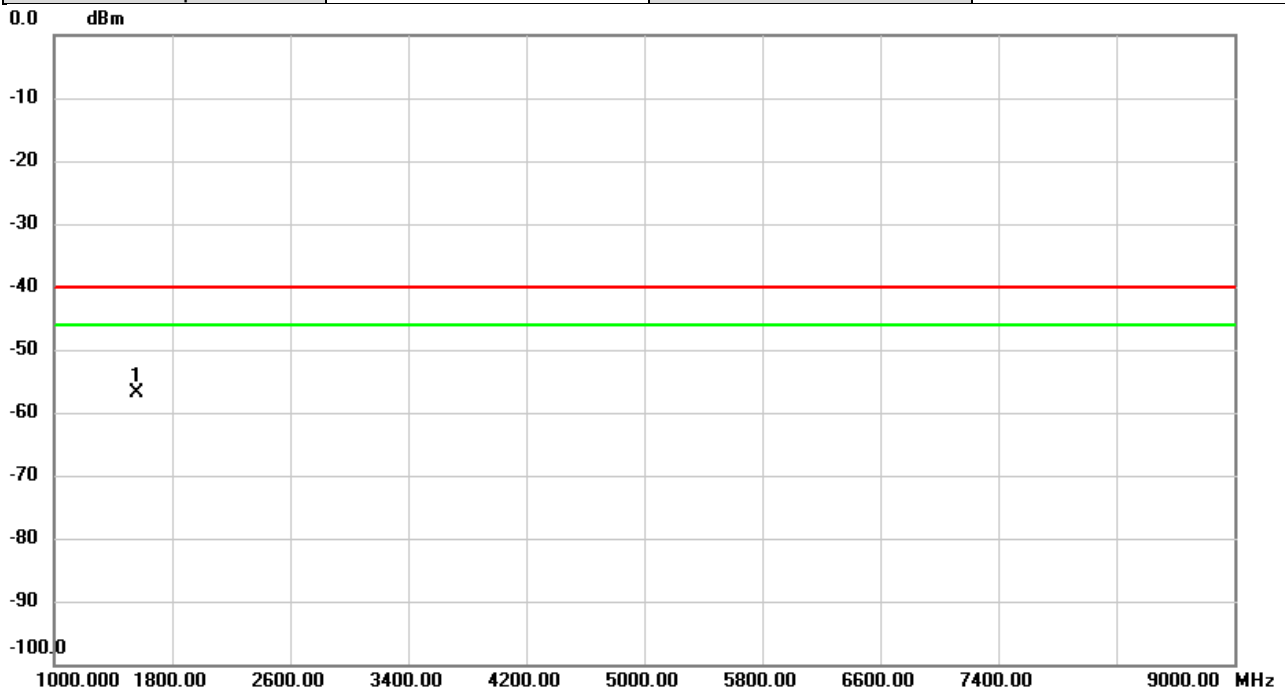


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1555.200	-53.59	-8.53	-62.12	-40.00	-22.12	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 13	Test Date	2021/9/17
Test Channel	CH23230	Polarization	Horizontal
Temp	25°C	Hum.	52%

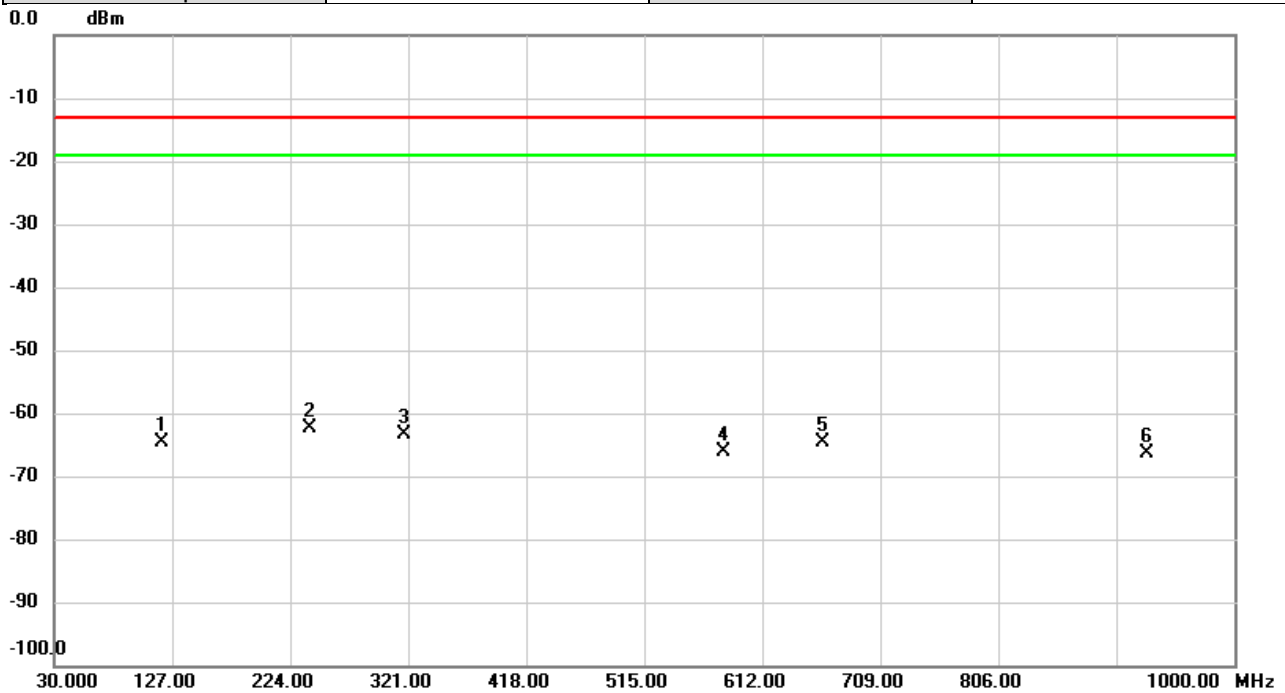


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1555.467	-49.15	-7.61	-56.76	-40.00	-16.76	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 66	Test Date	2021/9/17
Test Channel	CH132322	Polarization	Vertical
Temp	25°C	Hum.	52%

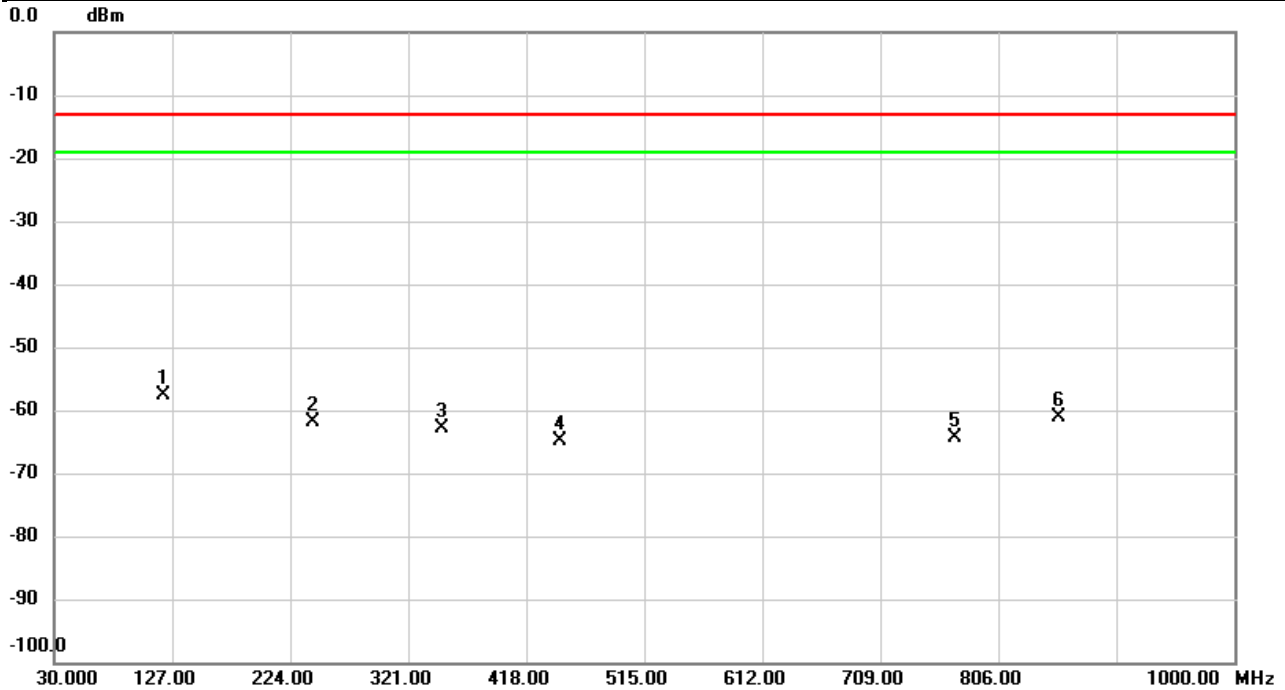


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		118.3993	-63.98	-0.66	-64.64	-13.00	-51.64	peak	
2	*	240.3606	-70.09	7.74	-62.35	-13.00	-49.35	peak	
3		317.6696	-70.74	7.44	-63.30	-13.00	-50.30	peak	
4		580.7013	-77.37	11.35	-66.02	-13.00	-53.02	peak	
5		661.1790	-77.95	13.22	-64.73	-13.00	-51.73	peak	
6		928.6726	-78.24	11.84	-66.40	-13.00	-53.40	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 66	Test Date	2021/9/17
Test Channel	CH132322	Polarization	Horizontal
Temp	25°C	Hum.	52%

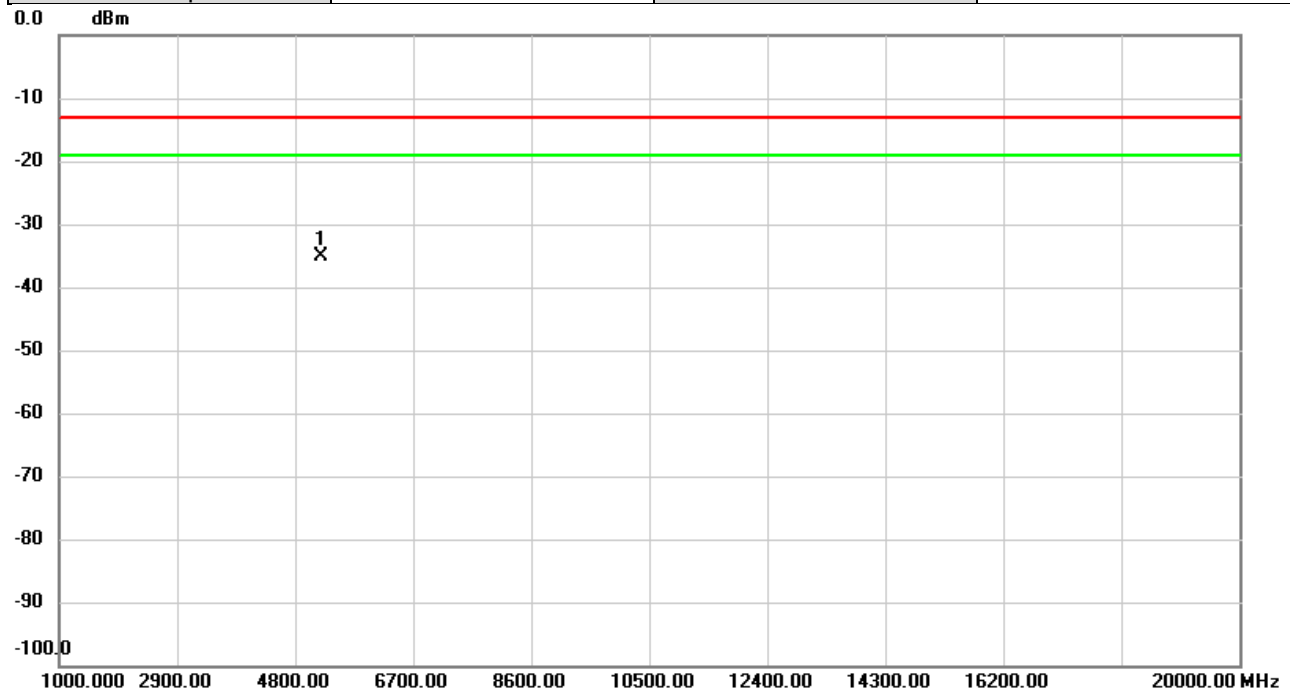


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	120.2746	-60.13	2.50	-57.63	-13.00	-44.63	peak	
2		243.1736	-61.24	-0.54	-61.78	-13.00	-48.78	peak	
3		348.9683	-66.86	4.01	-62.85	-13.00	-49.85	peak	
4		445.6126	-76.60	11.81	-64.79	-13.00	-51.79	peak	
5		769.9160	-78.19	13.73	-64.46	-13.00	-51.46	peak	
6		855.1790	-77.59	16.35	-61.24	-13.00	-48.24	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 66	Test Date	2021/9/16
Test Channel	CH132322	Polarization	Vertical
Temp	22°C	Hum.	54%

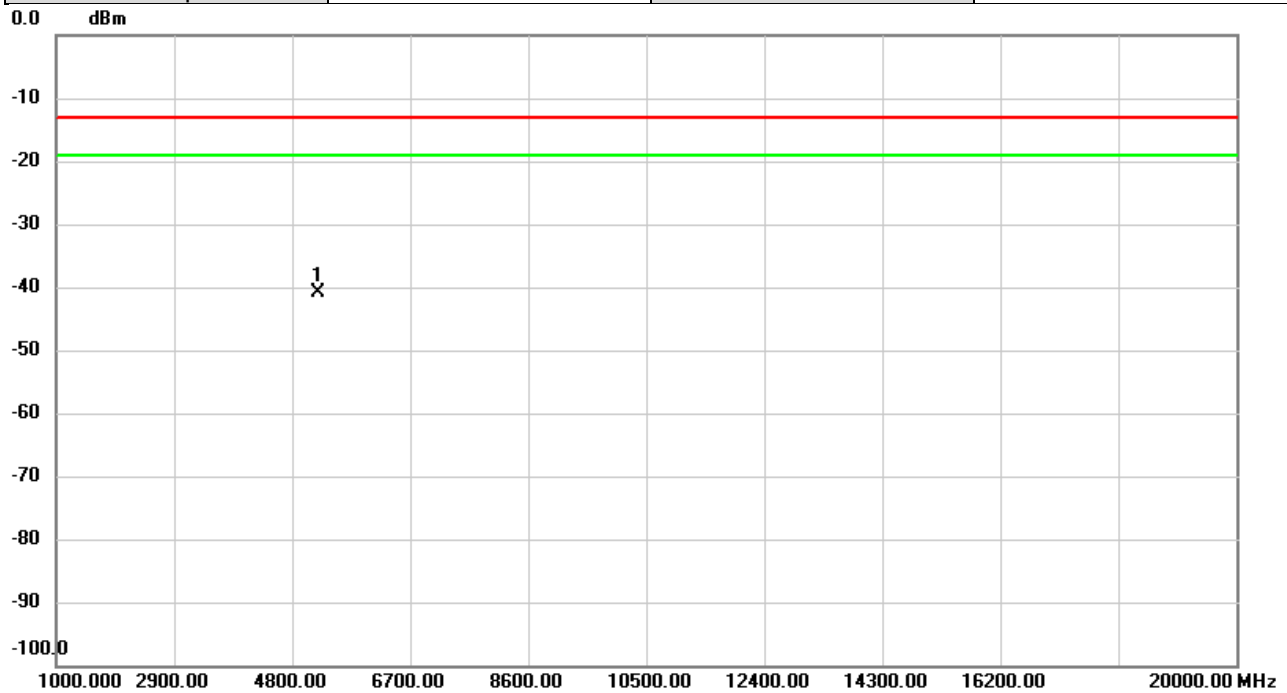


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5208.500	-37.03	1.83	-35.20	-13.00	-22.20	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 66	Test Date	2021/9/16
Test Channel	CH132322	Polarization	Horizontal
Temp	22°C	Hum.	54%



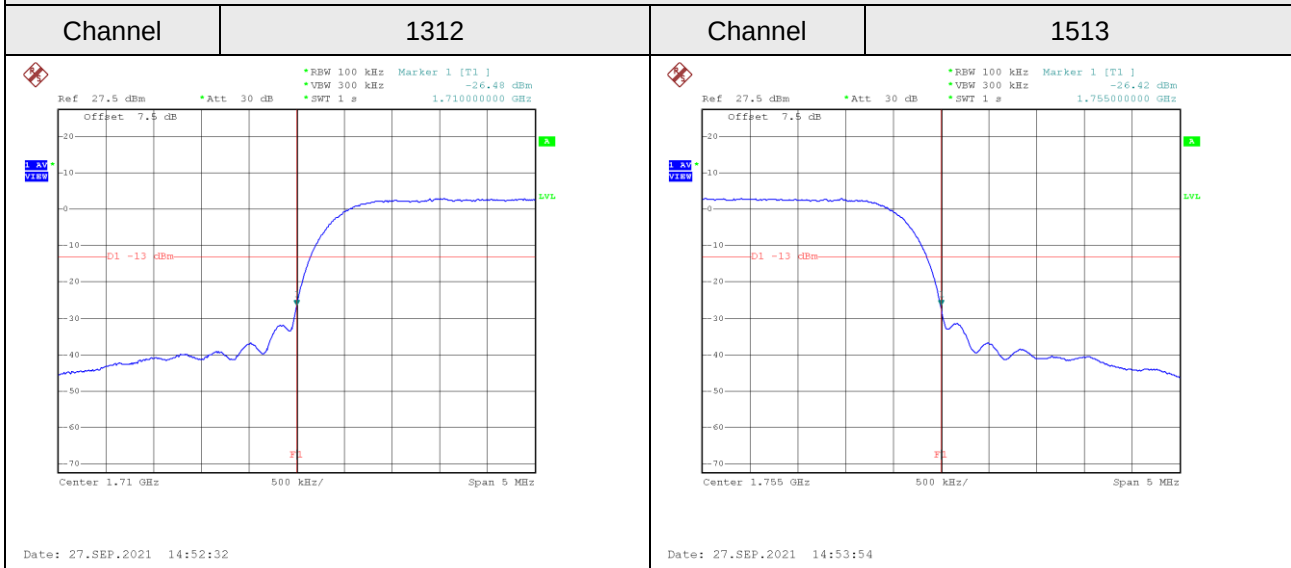
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5208.500	-43.37	2.45	-40.92	-13.00	-27.92	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX F BAND EDGE

WCDMA Band IV_WCDMA Spectrum Plot



LTE Band 4_1.4M Spectrum Plot

1RB#0

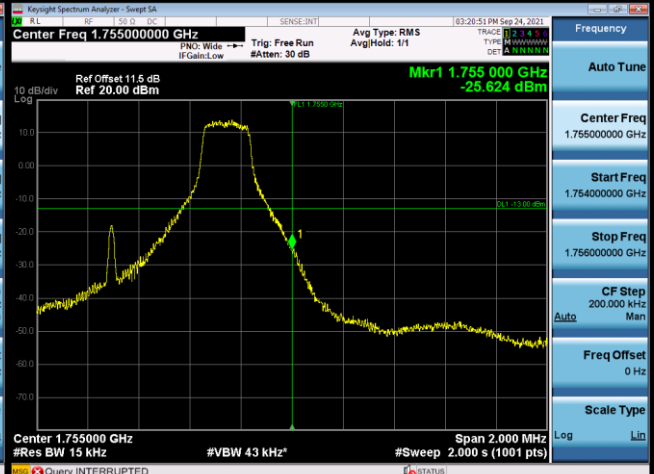
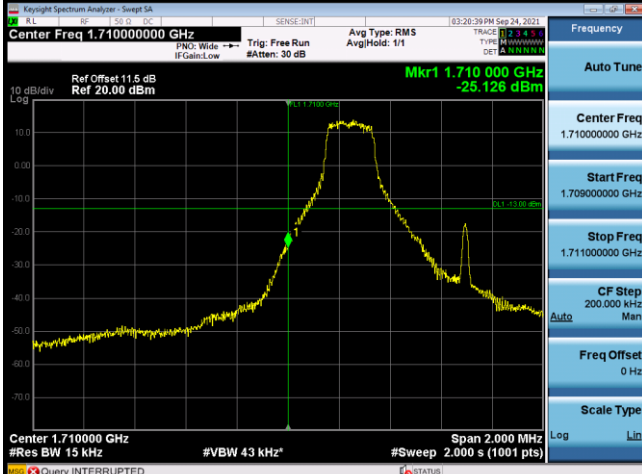
1RB#5

Channel

19957

Channel

20393



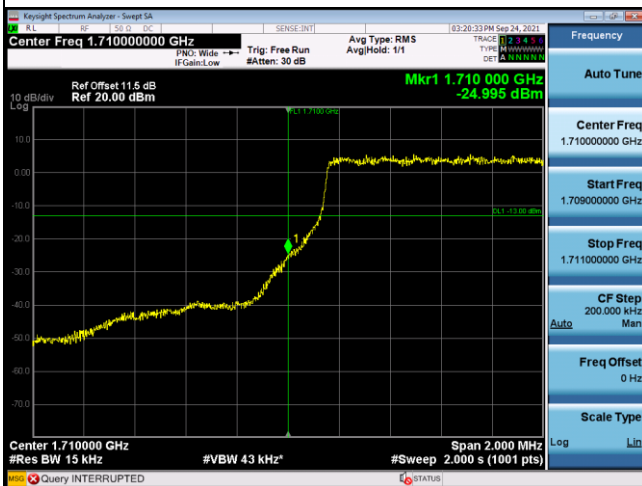
6RB#0

Channel

19957

Channel

20393



LTE Band 4_3M Spectrum Plot

1RB#0

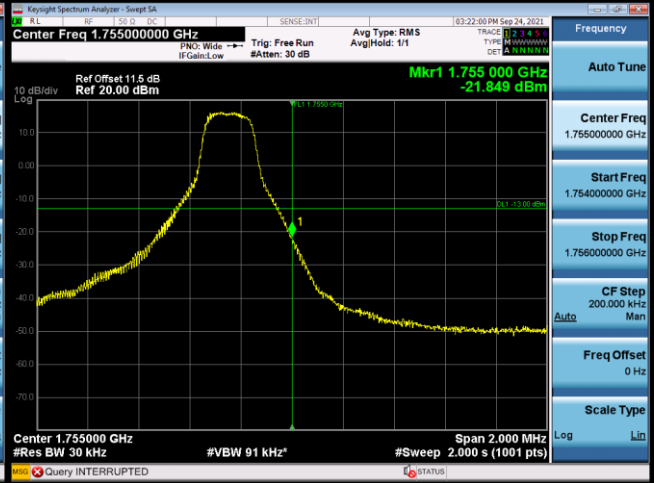
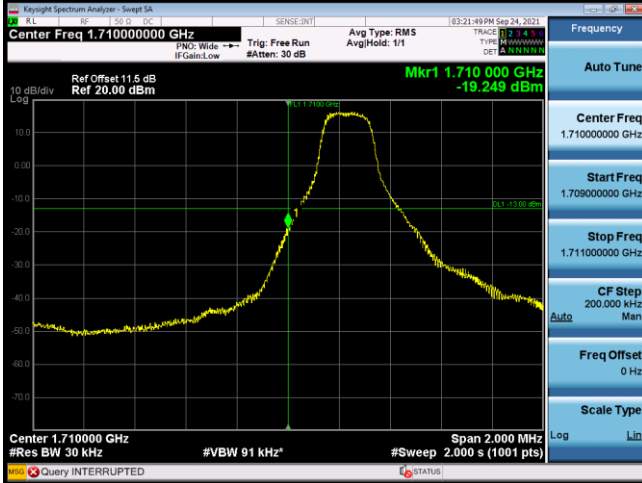
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Channel

19965

Channel

20385



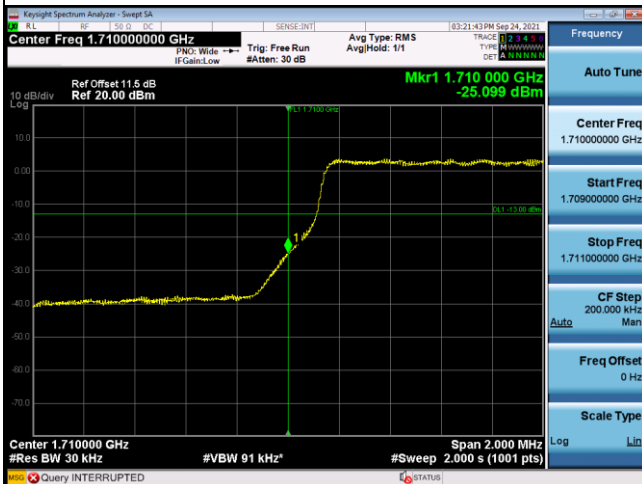
15RB#0

Channel

19965

Channel

20385



LTE Band 4_5M Spectrum Plot

1RB#0

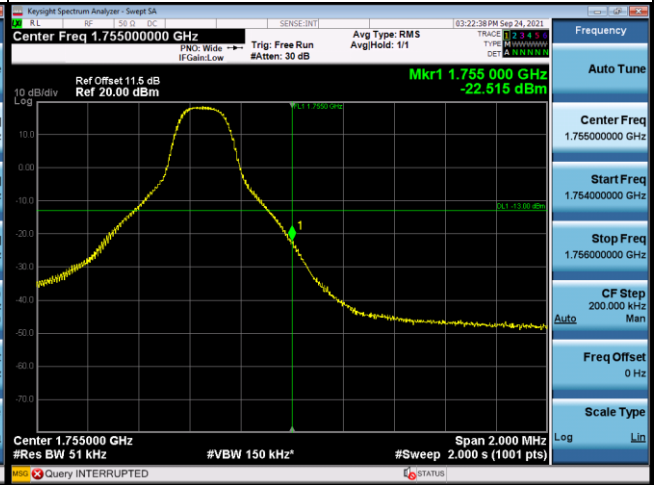
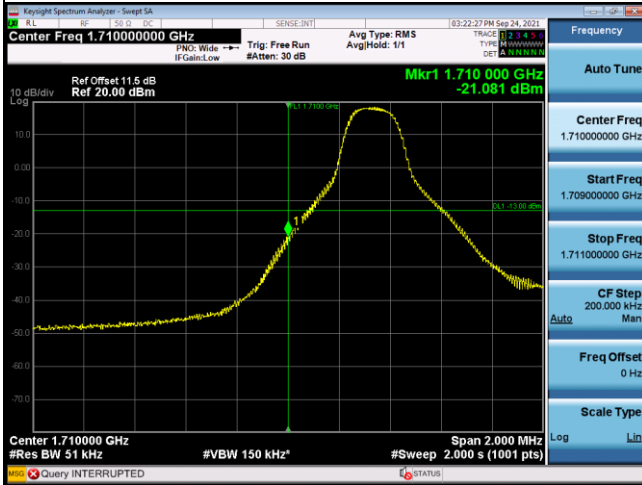
1RB#24

Channel

19975

Channel

20375



25RB#0

Channel

19975

Channel

20375

