

Lower Band Edge Measurement Results									
Channel Frequency (MHz)	Nominal Channel BW (MHz)	EARFCN	Resource Blocks	RB Offset	Modulation	Emission Frequency (MHz)	Measured Emission (dBm)	Limit (dBm)	Margin (dB)
1880	1.4	18900	1	3	QPSK	-	ND	-13.00	-
1880	1.4	18900	1	3	QPSK	-	ND		-
1880	1.4	18900	1	3	QPSK	-	ND		-
1880	1.4	18900	1	3	QPSK	-	ND		-
1880	1.4	18900	1	3	QPSK	-	ND		-
1880	1.4	18900	1	3	QPSK	-	ND		-
836.5	1.4	20525	1	3	QPSK	-	ND		-
836.5	1.4	20525	1	3	QPSK	1674.0	-43.17		30.2
836.5	1.4	20525	1	3	QPSK	-	ND		-
836.5	1.4	20525	1	3	QPSK	1673.0	-39.44		26.4
707.5	1.4	23095	1	3	QPSK	-	ND		-
707.5	1.4	23095	1	3	QPSK	1414.0	-41.77		28.8
707.5	1.4	23095	1	3	QPSK	-	ND		-
707.5	1.4	23095	1	3	QPSK	1414.0	-35.63		22.6
									Complies

Margin = Limit - Band Edge Emission

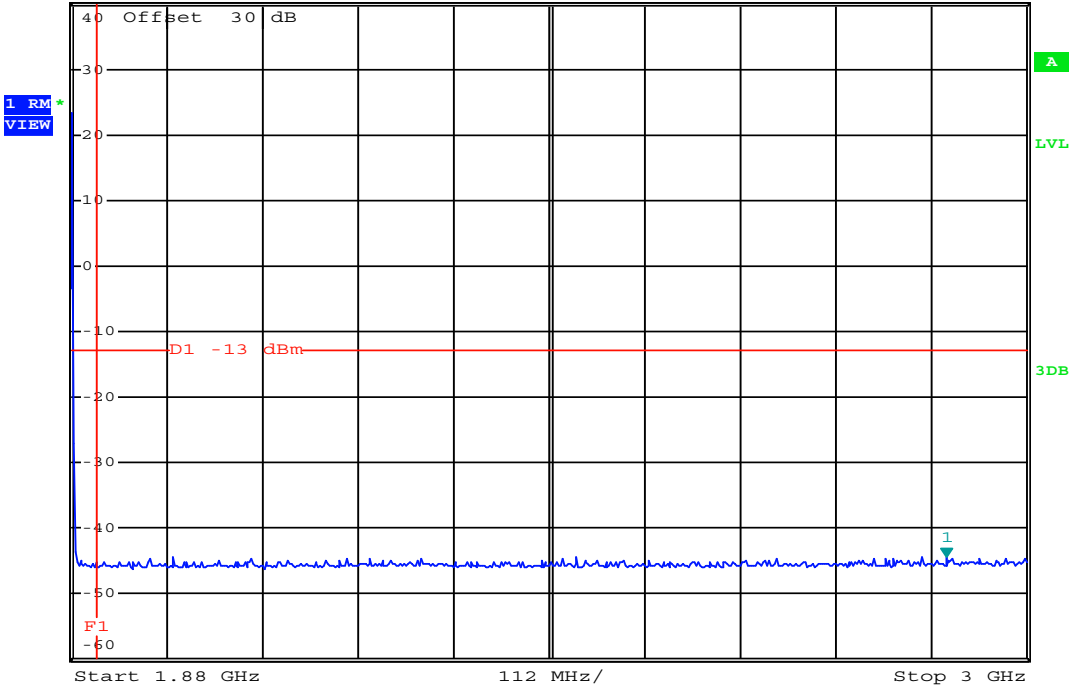
ND: None Detected. Noise Floor Measurement

Conducted Spurious Emissions LTE Band 2



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -44.35 dBm
 SWT 10 ms 2.905920000 GHz

Ref 40 dBm *Att 10 dB



Date: 25.APR.2021 09:47:48

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 18900	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 2

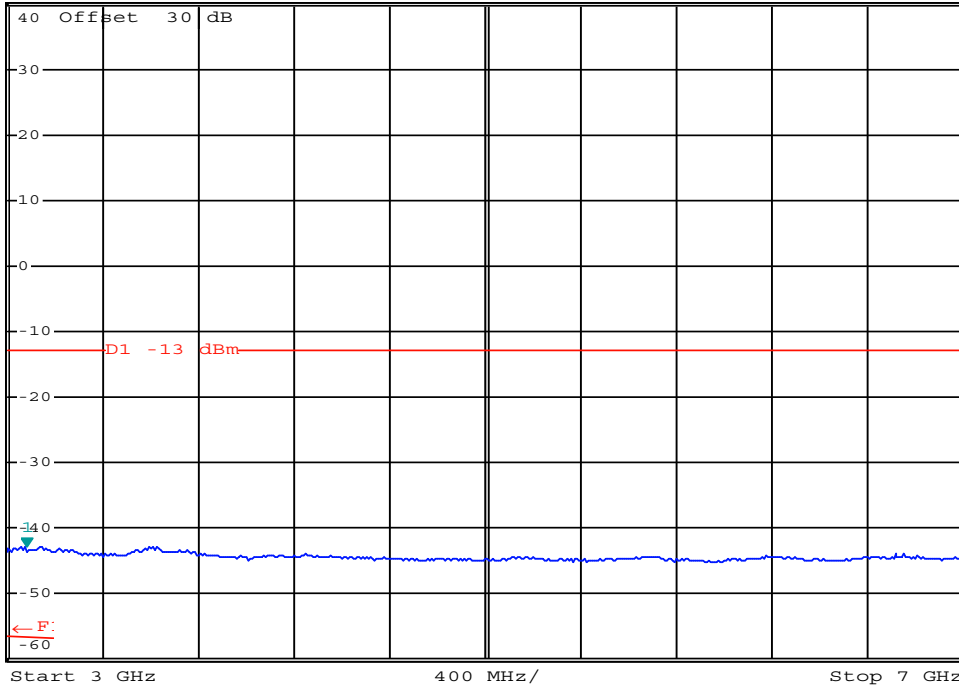


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.76 dBm
 SWT 80 ms 3.076000000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
 AVG



Date: 25.APR.2021 09:48:55

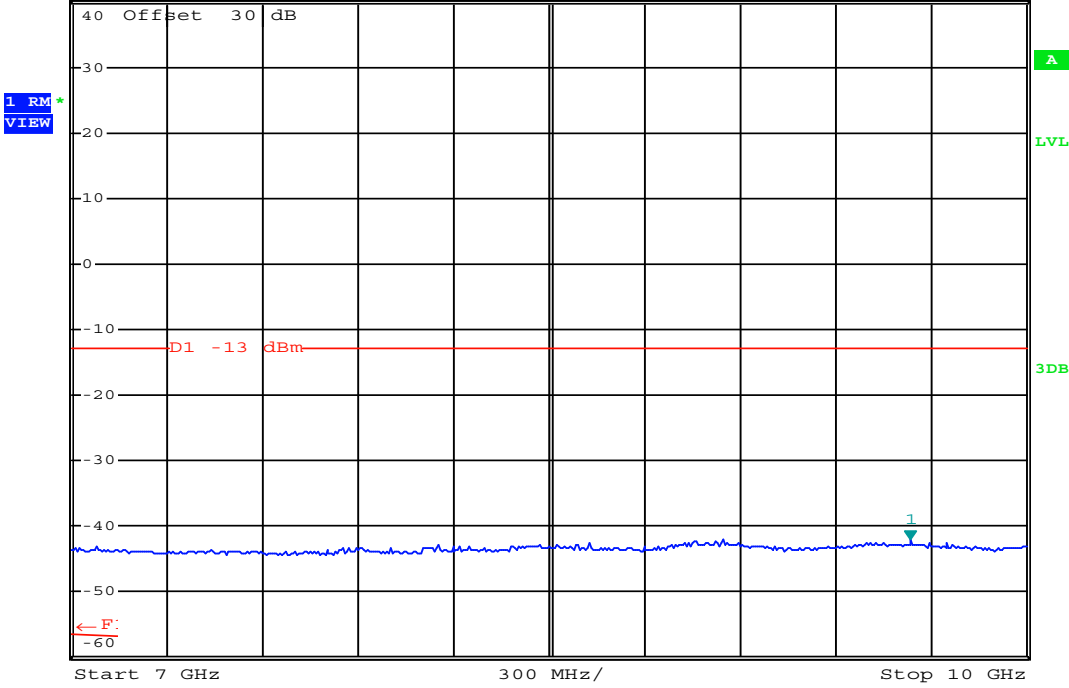
Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 18900	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 2



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.08 dBm
 SWT 60 ms 9.631000000 GHz

Ref 40 dBm *Att 10 dB



Date: 25.APR.2021 09:49:52

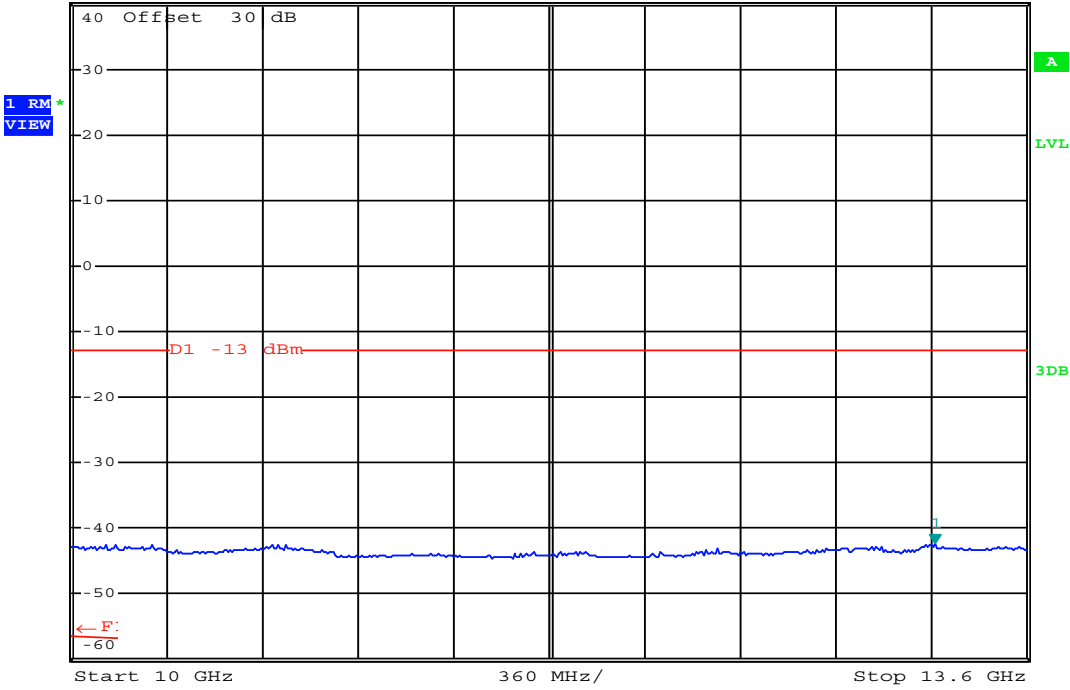
Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 18900	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 2



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.41 dBm
 SWT 75 ms 13.254400000 GHz

Ref 40 dBm *Att 10 dB



Date: 25.APR.2021 09:50:48

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 18900	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 2

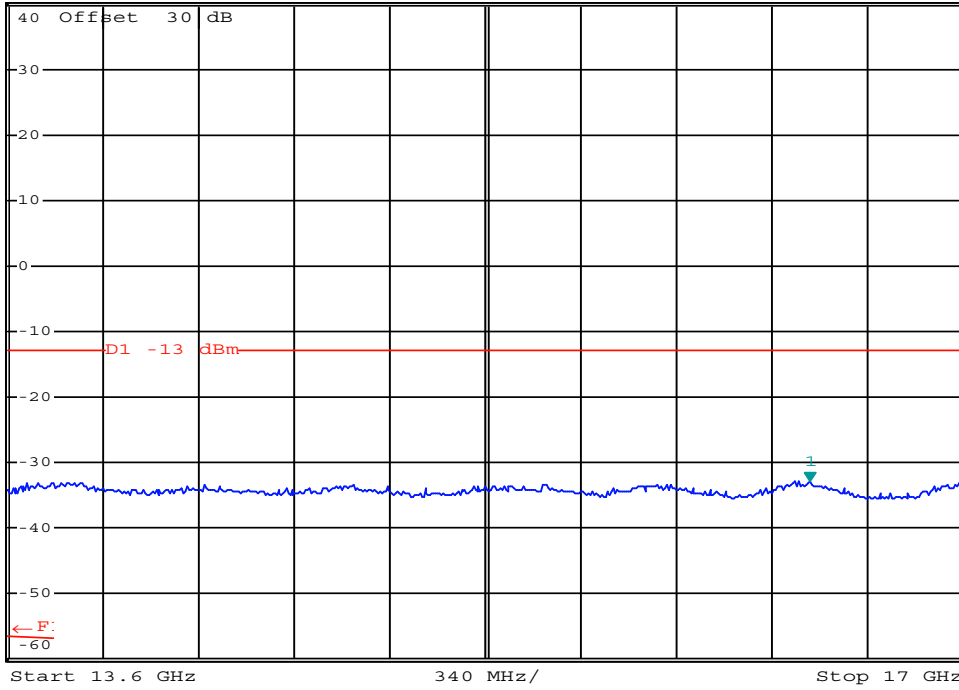


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -32.81 dBm
 SWT 70 ms 16.456000000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
VIEW



Date: 25.APR.2021 09:52:02

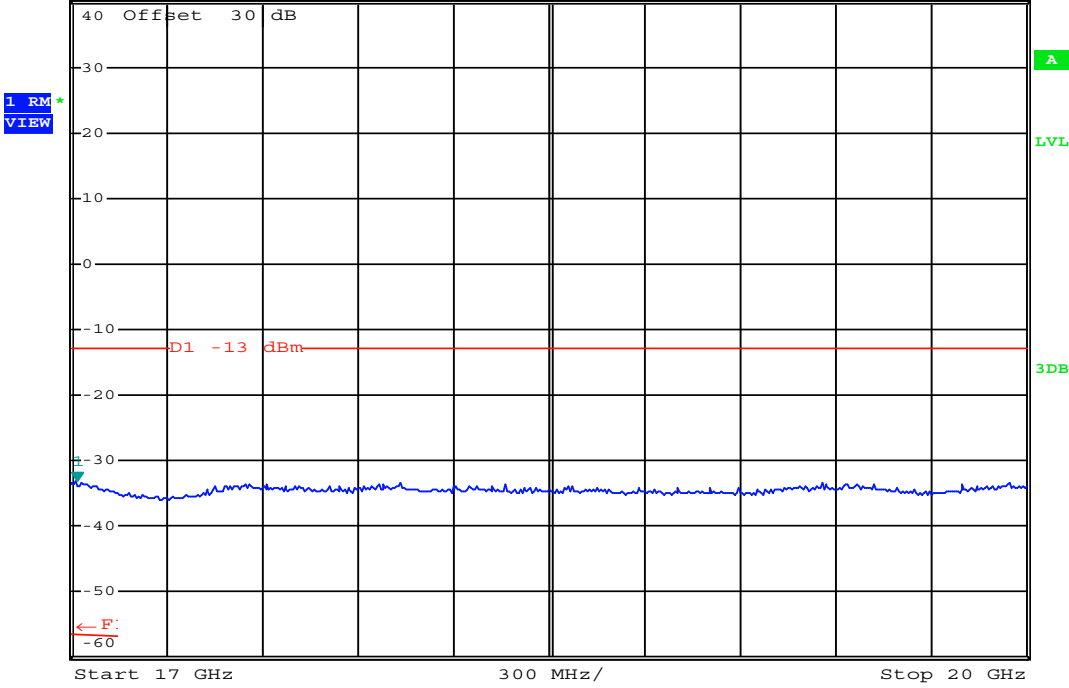
Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 18900	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 2



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -33.13 dBm
 SWT 60 ms 17.015000000 GHz

Ref 40 dBm *Att 10 dB



Date: 25.APR.2021 09:52:48

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 18900	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 5

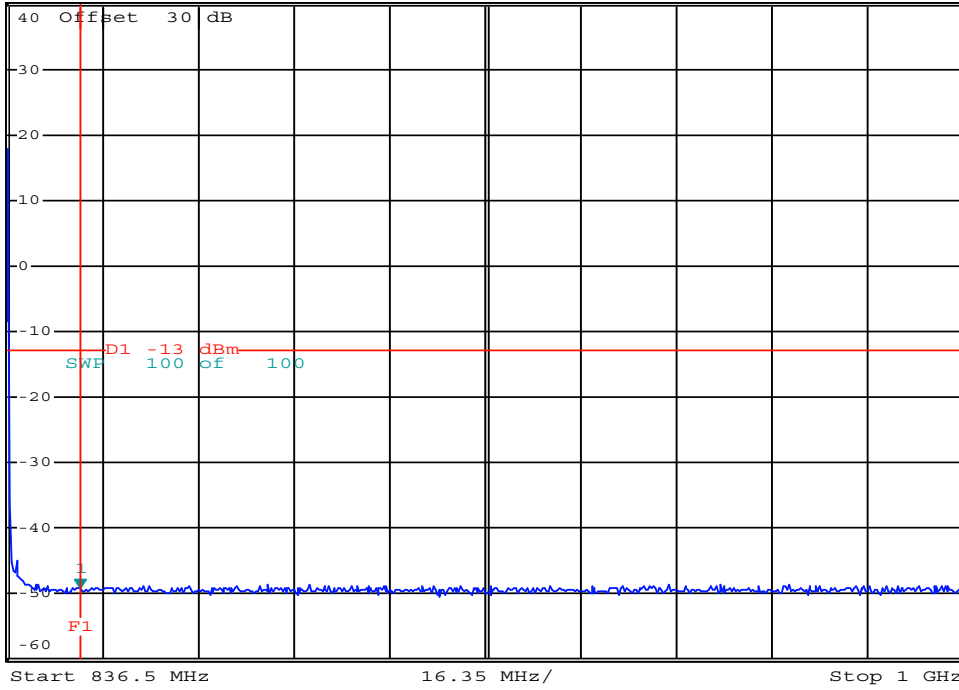


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -49.18 dBm
 SWT 20 ms 849.000000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM*
 VIEW



Date: 25.APR.2021 09:32:00

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 20525	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 5

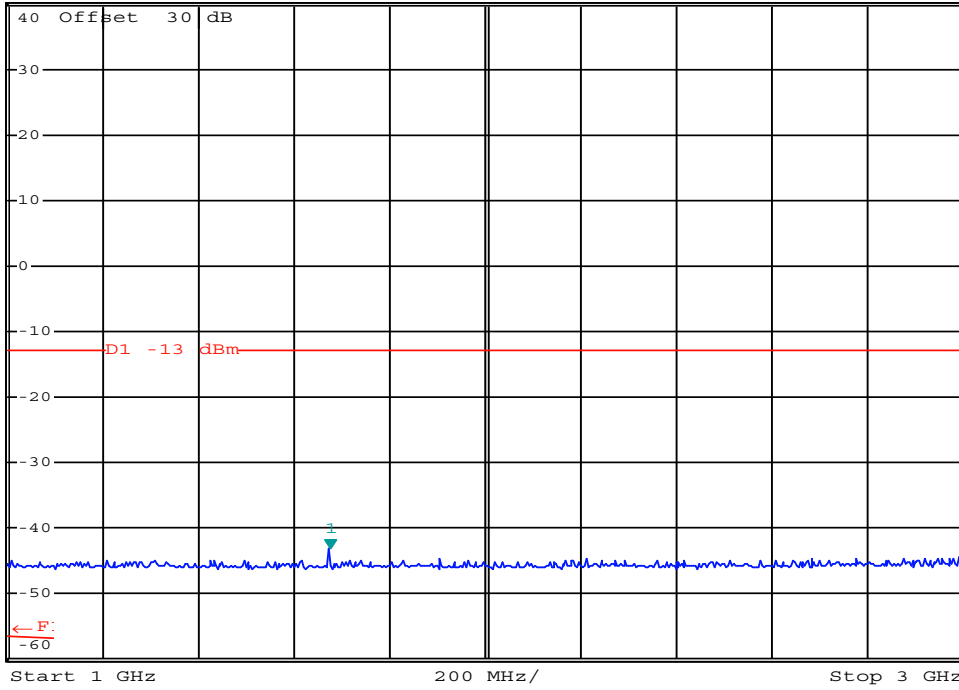


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -43.17 dBm
 SWT 10 ms 1.674000000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
VIEW



Date: 25.APR.2021 09:33:19

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): 1674
EARFCN: 20525	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): -43.17

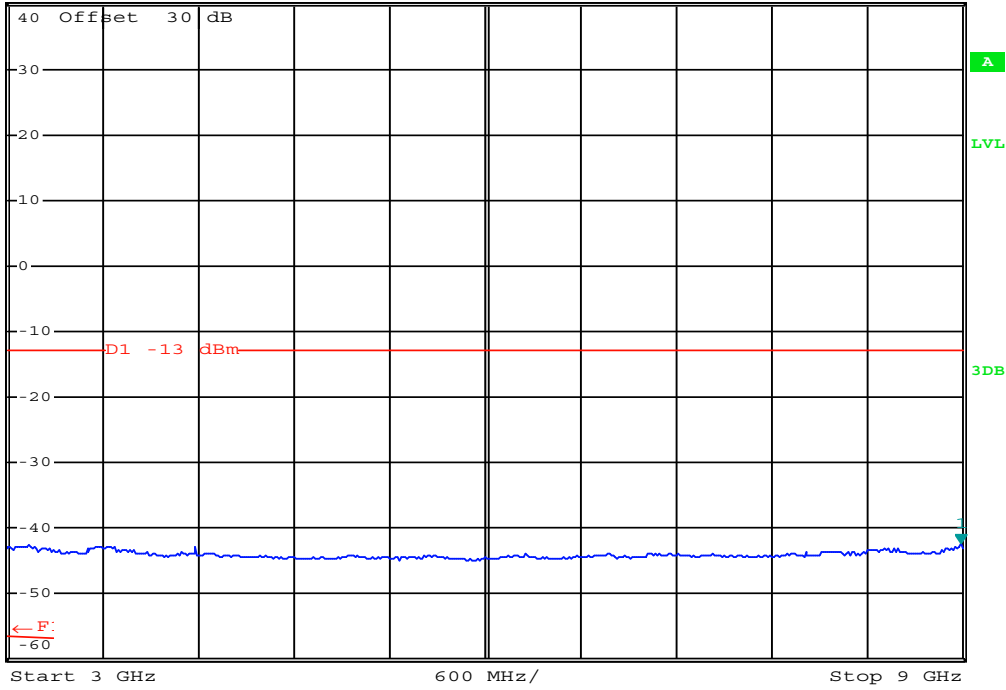
Conducted Spurious Emissions LTE Band 5



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.35 dBm
 SWT 120 ms 8.982000000 GHz

Ref 40 dBm *Att 10 dB

1 RM*
 VIEW



Date: 25.APR.2021 09:34:22

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 20525	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

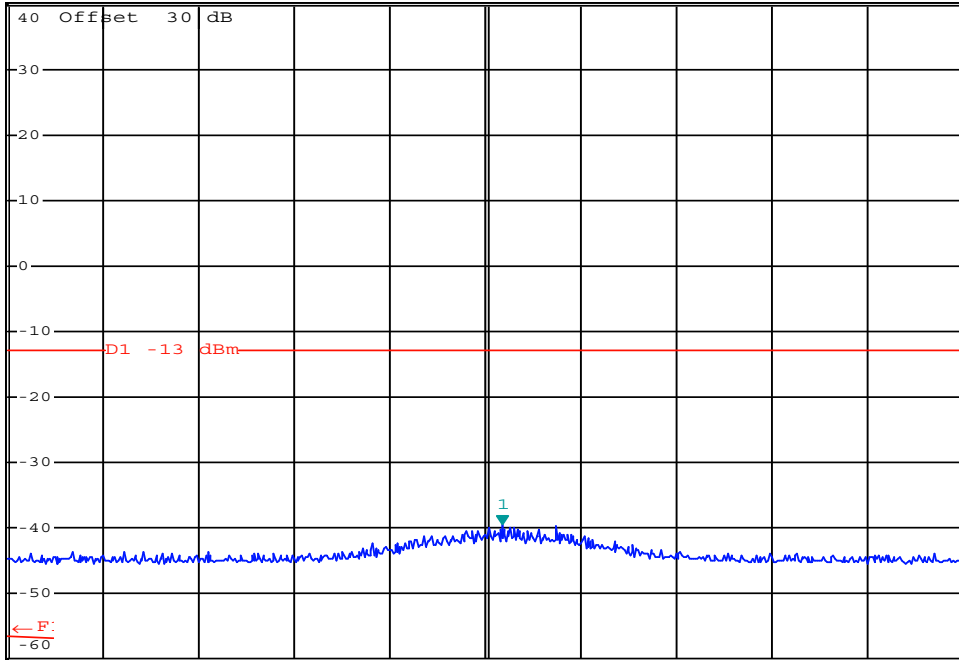
Conducted Spurious Emissions LTE Band 5



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -39.44 dBm
 SWT 5 ms 1.673155000 GHz

Ref 40 dBm *Att 10 dB

1 RM*
 VIEW



Center 1.67307 GHz 500 kHz/ Span 5 MHz

Date: 25.APR.2021 09:35:40

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): 1673
EARFCN: 20525	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): -39.44

Conducted Spurious Emissions LTE Band 5

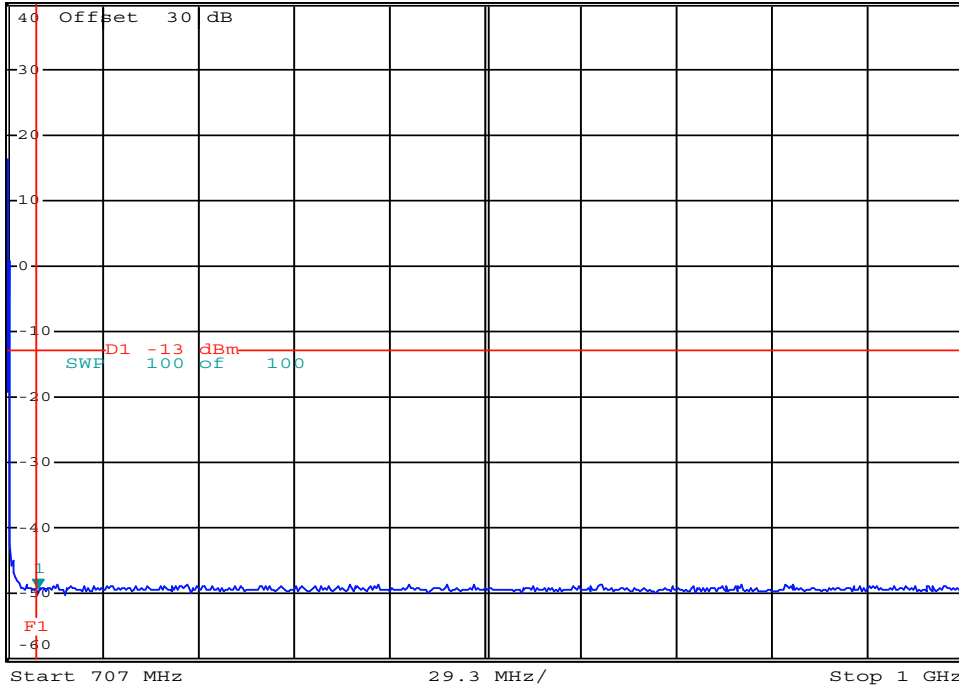


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -49.16 dBm
 SWT 30 ms 716.10000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM*
VIEW



Date: 25.APR.2021 09:11:29

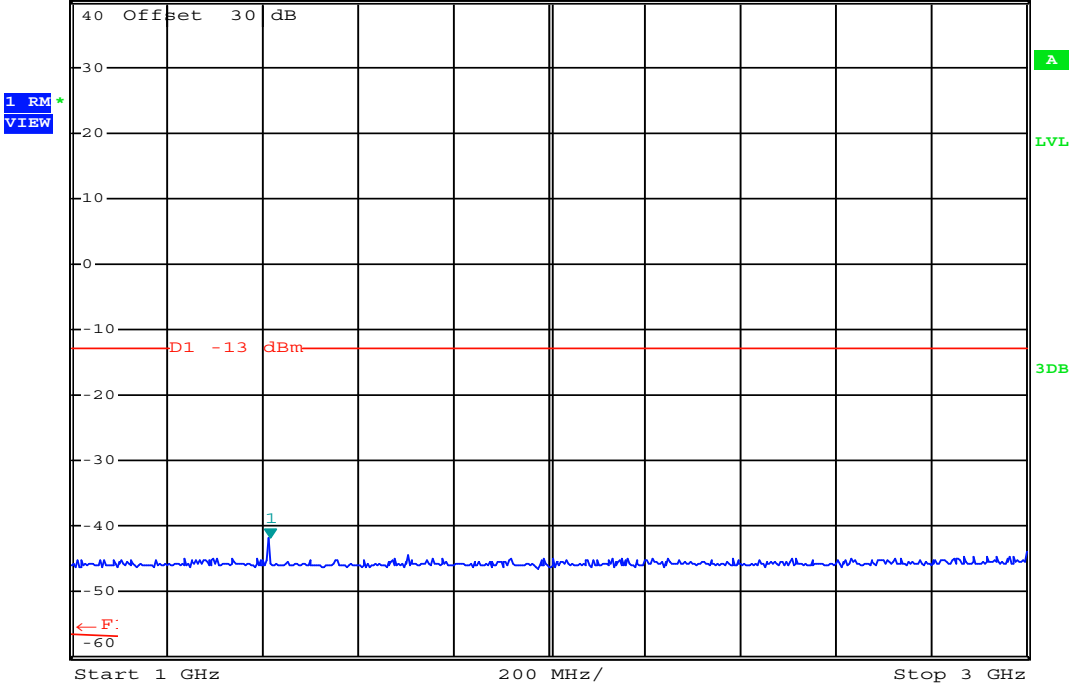
Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 23095	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 5



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -41.77 dBm
 SWT 10 ms 1.414000000 GHz

Ref 40 dBm *Att 10 dB



Date: 25.APR.2021 09:13:00

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): 1414
EARFCN: 23095	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): -41.77

Conducted Spurious Emissions LTE Band 5

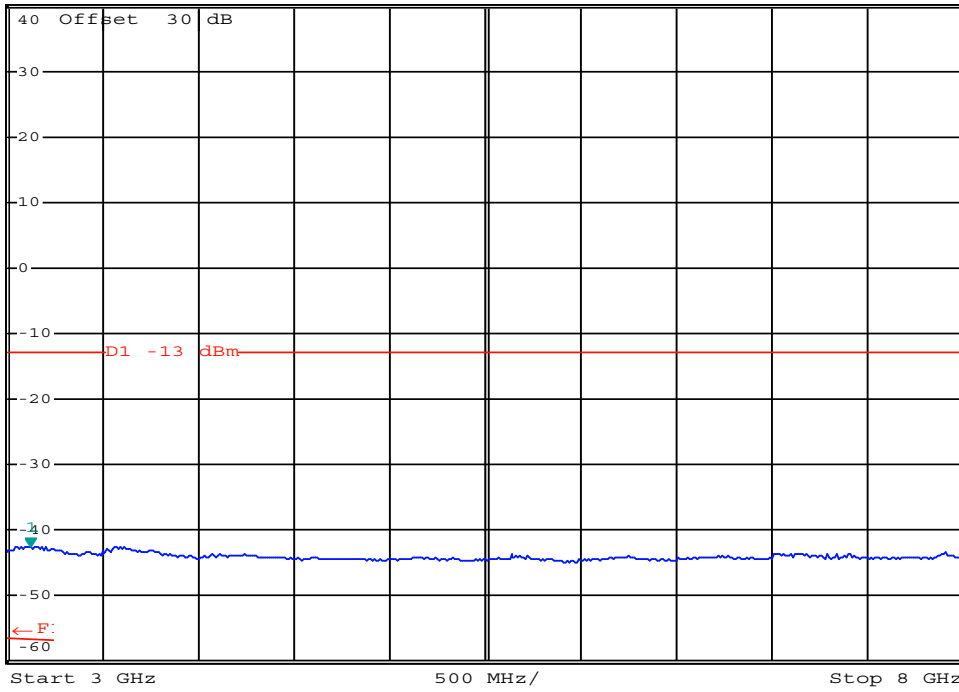


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.43 dBm
 SWT 100 ms 3.12000000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
VIEW



Date: 25.APR.2021 09:14:17

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): -
EARFCN: 23095	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): ND

Conducted Spurious Emissions LTE Band 5

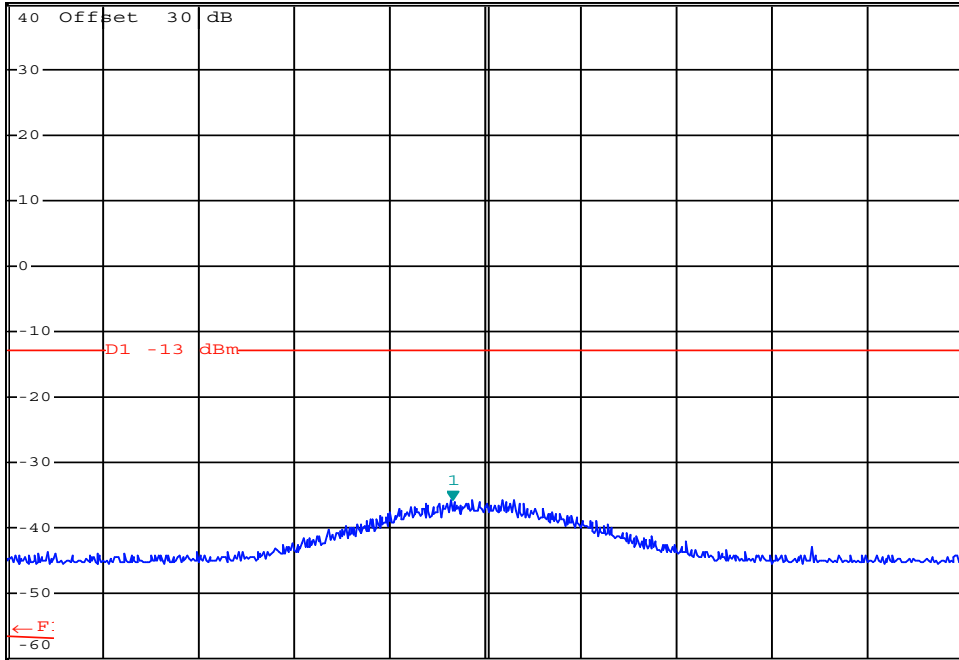


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -35.63 dBm
 SWT 5 ms 1.414705000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
VIEW



Center 1.41488 GHz 500 kHz/ Span 5 MHz

Date: 25.APR.2021 09:15:26

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	Emission Frequency (MHz): 1414
EARFCN: 23095	Resource Blocks (RB): 1	
RB Offset: 3	Modulation: QPSK	Measured Emission (dBm): -35.63

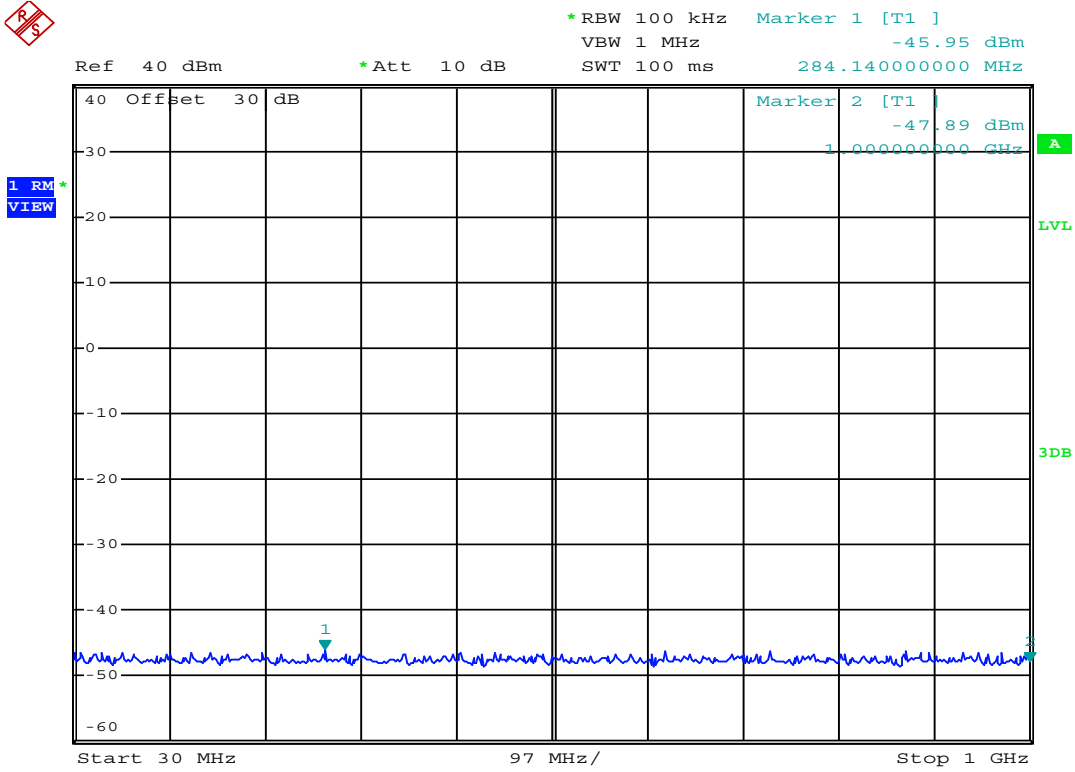
Simultaneous Transmission Spurious Emissions to 25GHz*										
LTE Channel Frequency (MHz)	Nominal Channel BW (MHz)	EARFCN	Resource Blocks	RB Offset	Modulation	WiFi Channel Frequency (MHz)	Emission Frequency (MHz)	Measured Emission (dBm)	Limit (dBm)	Margin (dB)
1880	1.4	18900	1	3	QPSK	2442.0	-	ND	-13.00	-
1732.5	1.4	20175	1	3	QPSK		-	ND		-
836.5	1.4	20525	1	3	QPSK		1673.0	-39.44		26.4
707.5	1.4	23095	1	3	QPSK		1414.0	-35.63		22.6
										Complies

Margin = Limit - Band Edge Emission

ND: None Detected. Noise Floor Measurement

* Under normal operating conditions, the WiFi and LTE transmitters do not simultaneously transmit. This analysis is for reference only.

Simultaneous LTE/WiFi Transmission Spurious Emissions



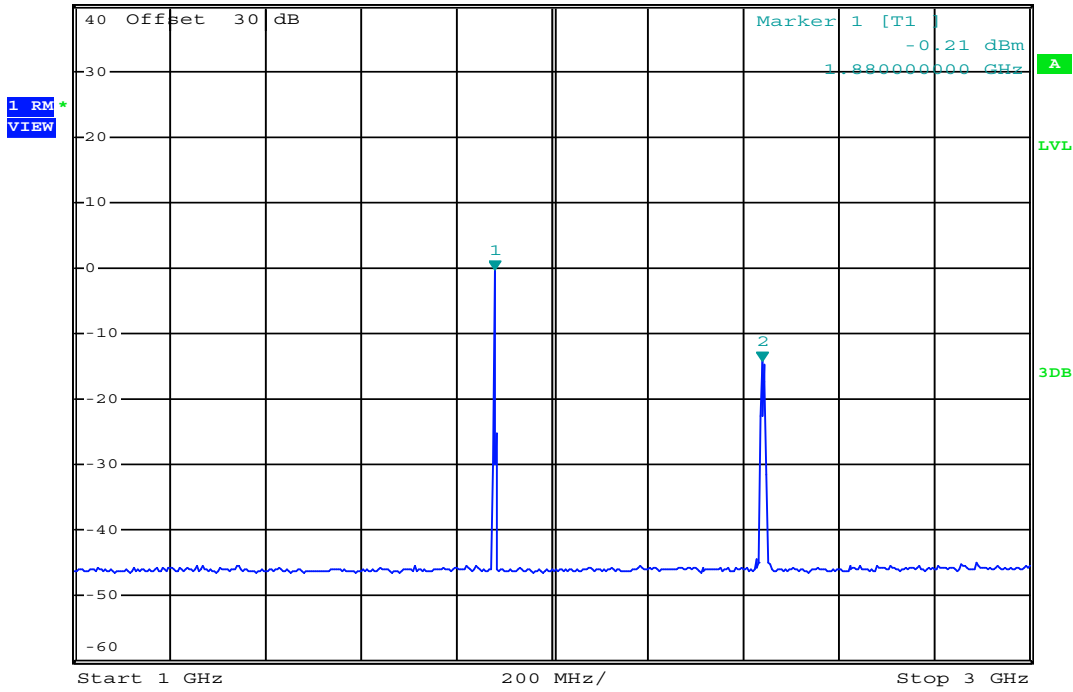
Date: 13.MAY.2021 11:09:20

LTE Band: 2	Channel Frequency (MHz): 1880.0	Emission Frequency (MHz): -	
EARFCN: 18900	LTE Modulation: QPSK		
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm):	ND

Simultaneous LTE/WiFi Transmission Spurious Emissions



Ref 40 dBm *Att 10 dB *RBW 1 MHz Marker 2 [T1]
 VBW 10 MHz -14.21 dBm
 SWT 10 ms 2.440000000 GHz



Date: 13.MAY.2021 11:11:16

LTE Band: 2	Channel Frequency (MHz): 1880.0	Emission Frequency (MHz): -
EARFCN: 18900	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Marker 1 - LTE Fundamental

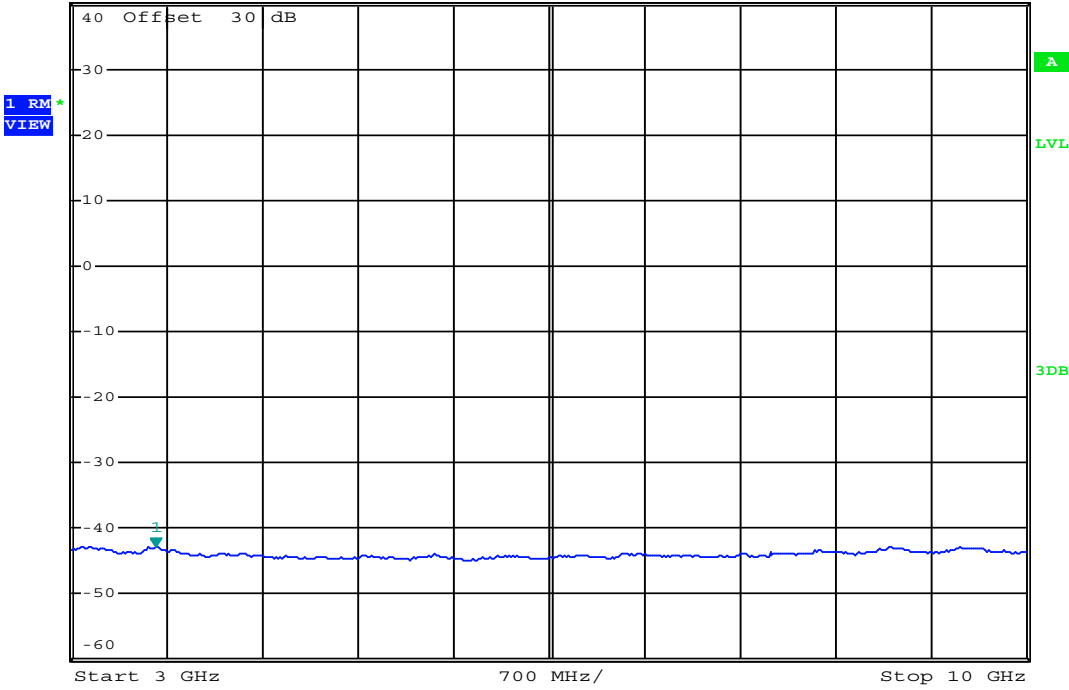
Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.72 dBm
 SWT 140 ms 3.616000000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:11:53

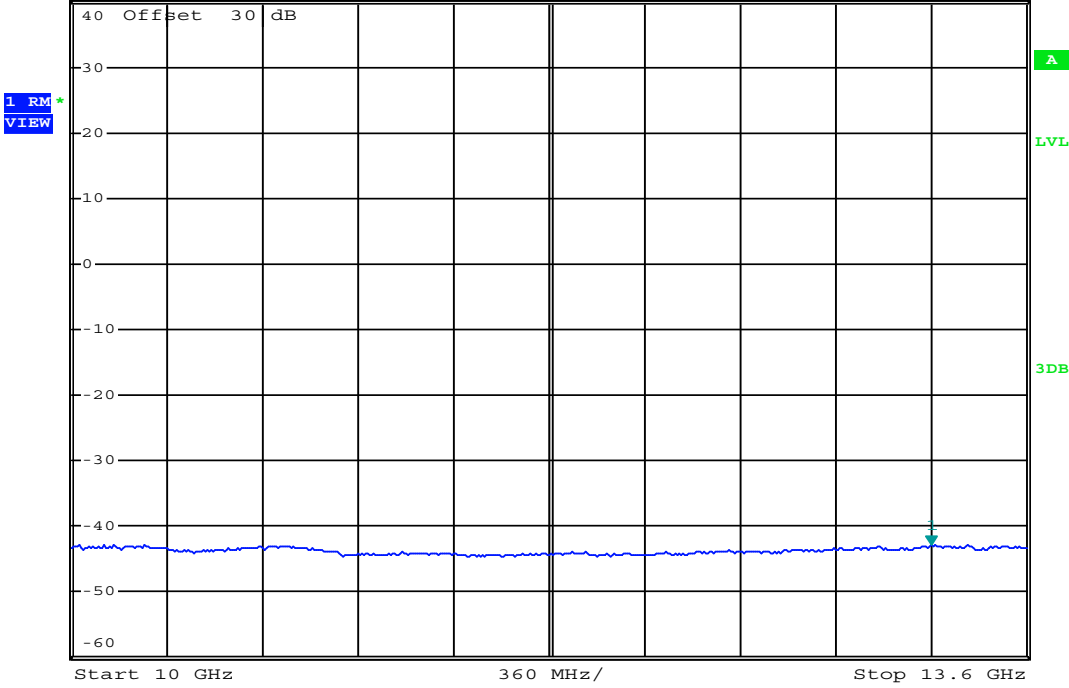
LTE Band: 2	Channel Frequency (MHz): 1880.0	Emission Frequency (MHz): -
EARFCN: 18900	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.76 dBm
 SWT 75 ms 13.24000000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:12:19

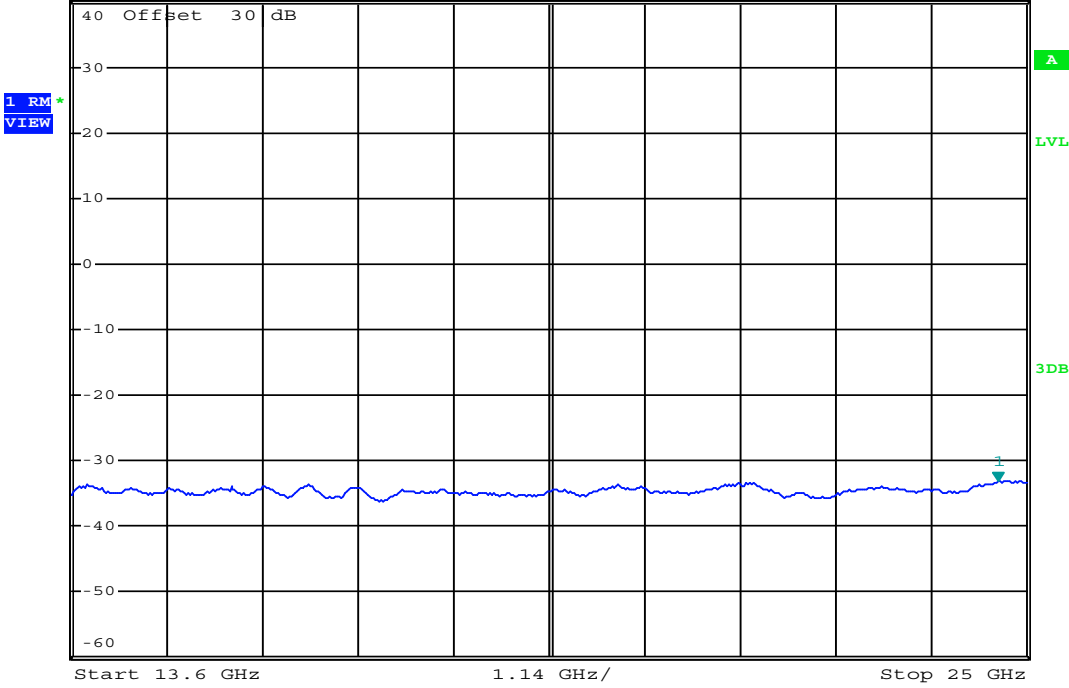
LTE Band: 2	Channel Frequency (MHz): 1880.0	Emission Frequency (MHz): -
EARFCN: 18900	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -33.06 dBm
 SWT 230 ms 24.65800000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:12:57

LTE Band: 2	Channel Frequency (MHz): 1880.0	Emission Frequency (MHz): -
EARFCN: 18900	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

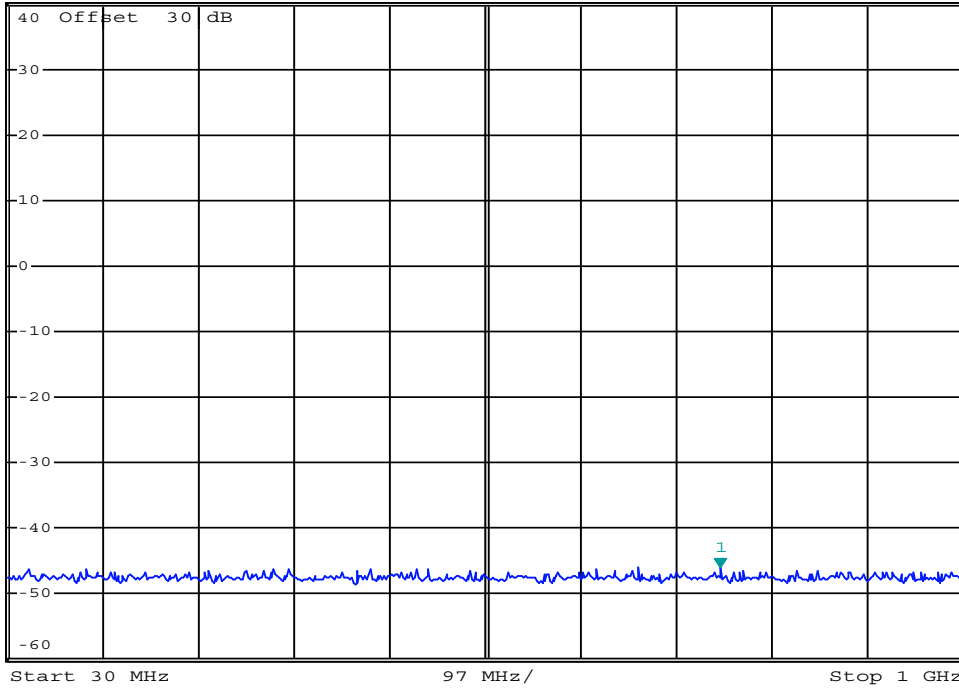
Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -45.91 dBm
 SWT 100 ms 753.62000000 MHz

Ref 40 dBm *Att 10 dB

1 RM*
 VIEW



Date: 13.MAY.2021 11:13:33

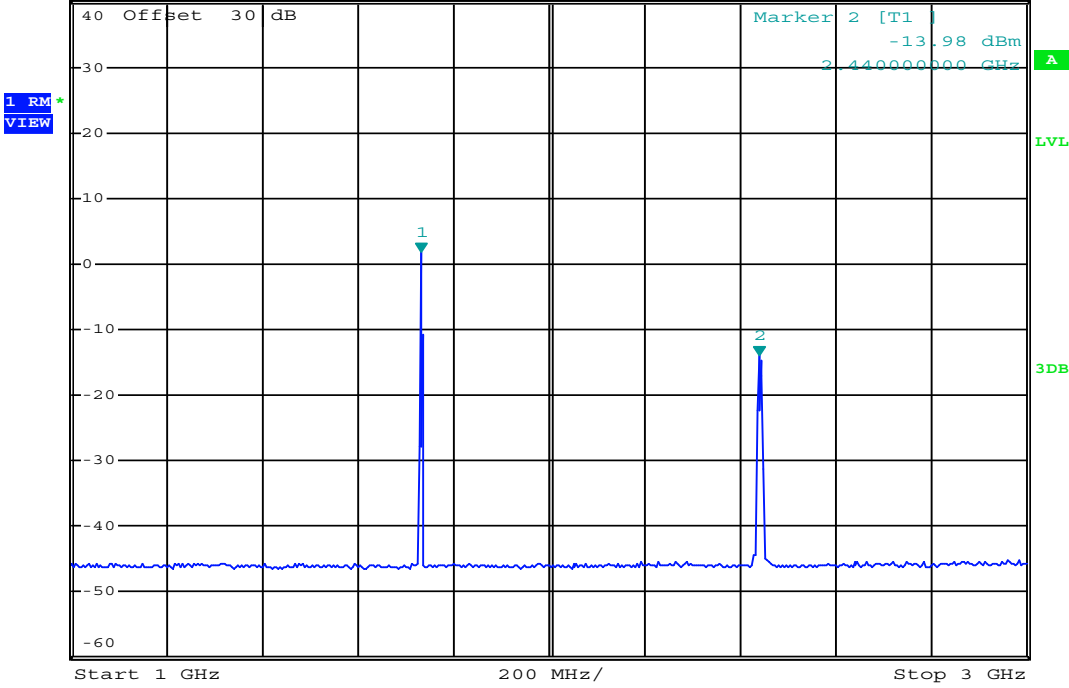
LTE Band: 4	Channel Frequency (MHz): 1732.0	Emission Frequency (MHz): -
EARFCN: 20175	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 1.75 dBm
 SWT 10 ms 1.732000000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:14:53

LTE Band: 4	Channel Frequency (MHz): 1732.0	Emission Frequency (MHz): -
EARFCN: 20175	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

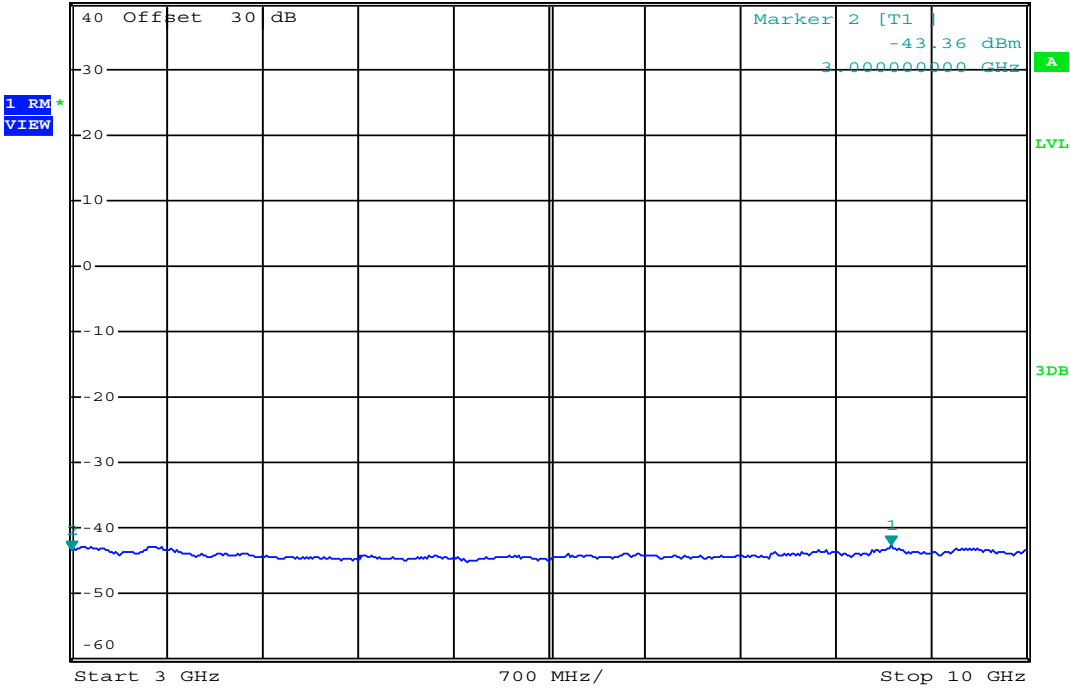
Marker 1 - LTE Fundamental
 Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.66 dBm
 SWT 140 ms 9.006000000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:15:13

LTE Band: 4	Channel Frequency (MHz): 1732.0	Emission Frequency (MHz): -
EARFCN: 20175	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Marker 1 - LTE Fundamental

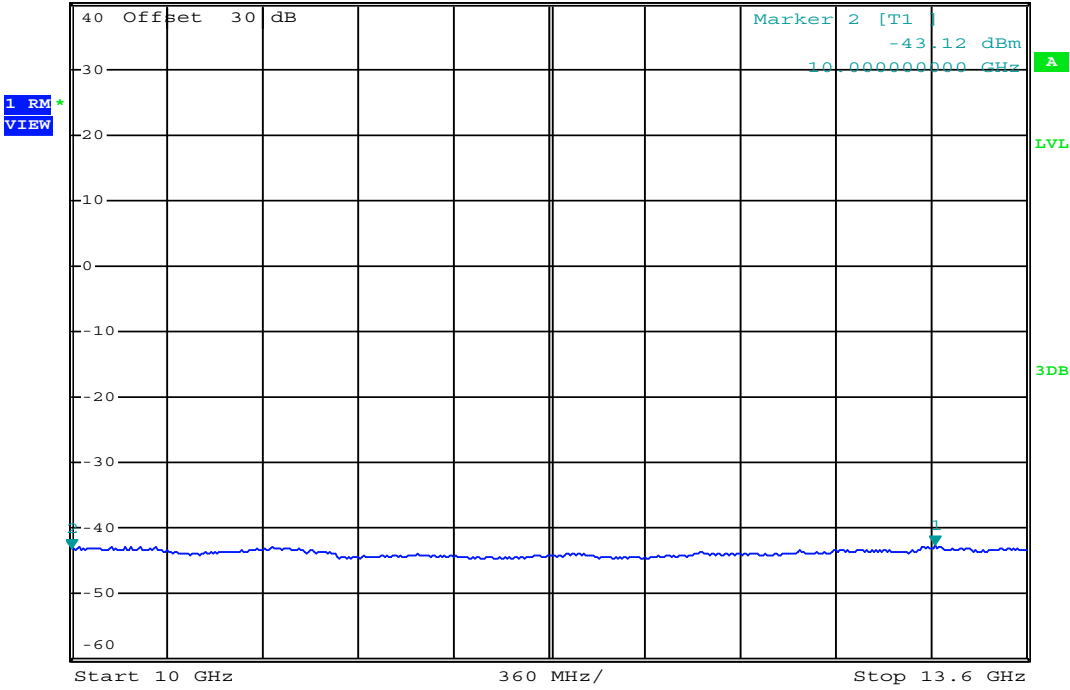
Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.67 dBm
 SWT 75 ms 13.254400000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:15:37

LTE Band: 4	Channel Frequency (MHz): 1732.0	Emission Frequency (MHz): -
EARFCN: 20175	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

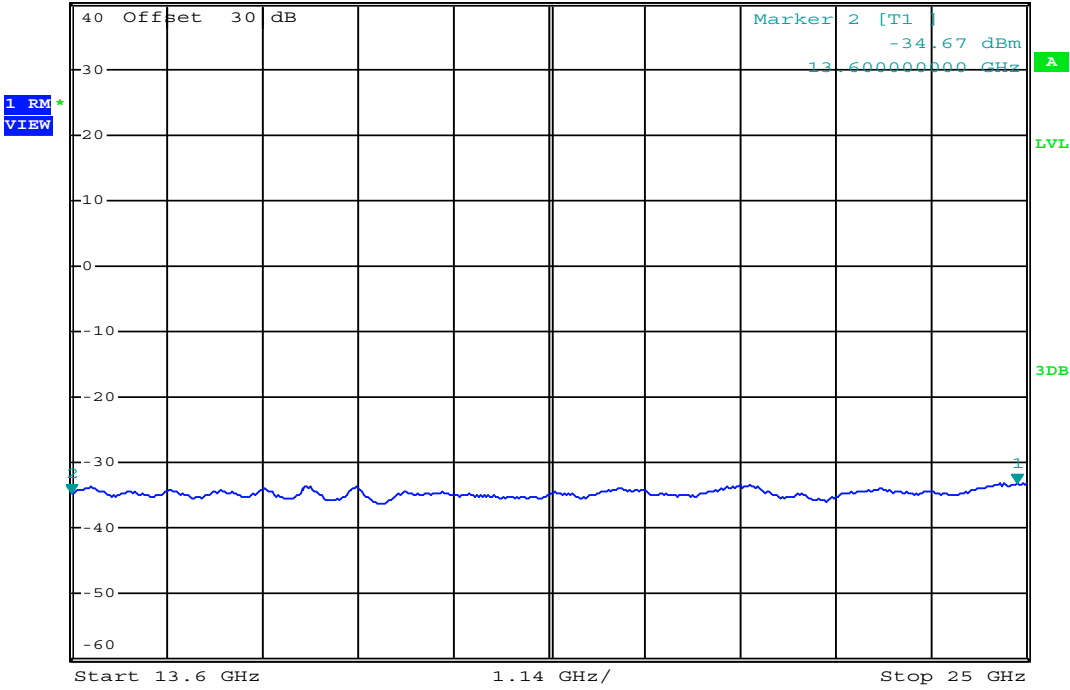
Marker 1 - LTE Fundamental

Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



Ref 40 dBm *Att 10 dB *RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -33.04 dBm
 SWT 230 ms 24.886000000 GHz



Date: 13.MAY.2021 11:16:07

LTE Band: 4	Channel Frequency (MHz): 1732.0	Emission Frequency (MHz): -
EARFCN: 20175	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Marker 1 - LTE Fundamental

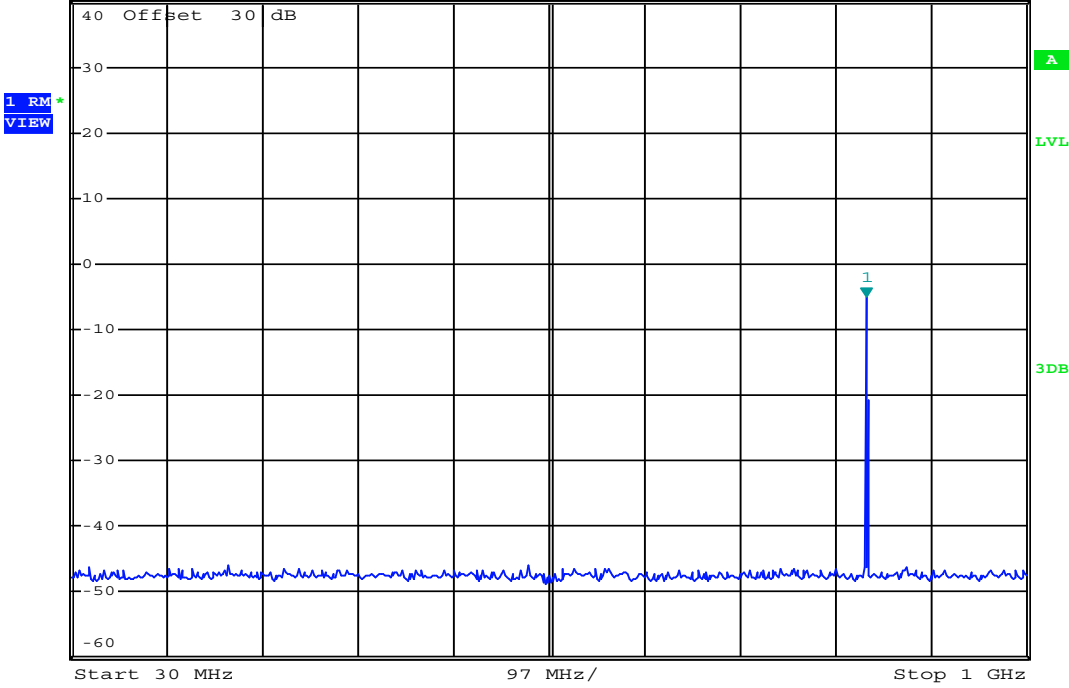
Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -5.02 dBm
 SWT 100 ms 837.04000000 MHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 10:48:09

LTE Band: 5	Channel Frequency (MHz): 836.5	Emission Frequency (MHz): -
EARFCN: 20525	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

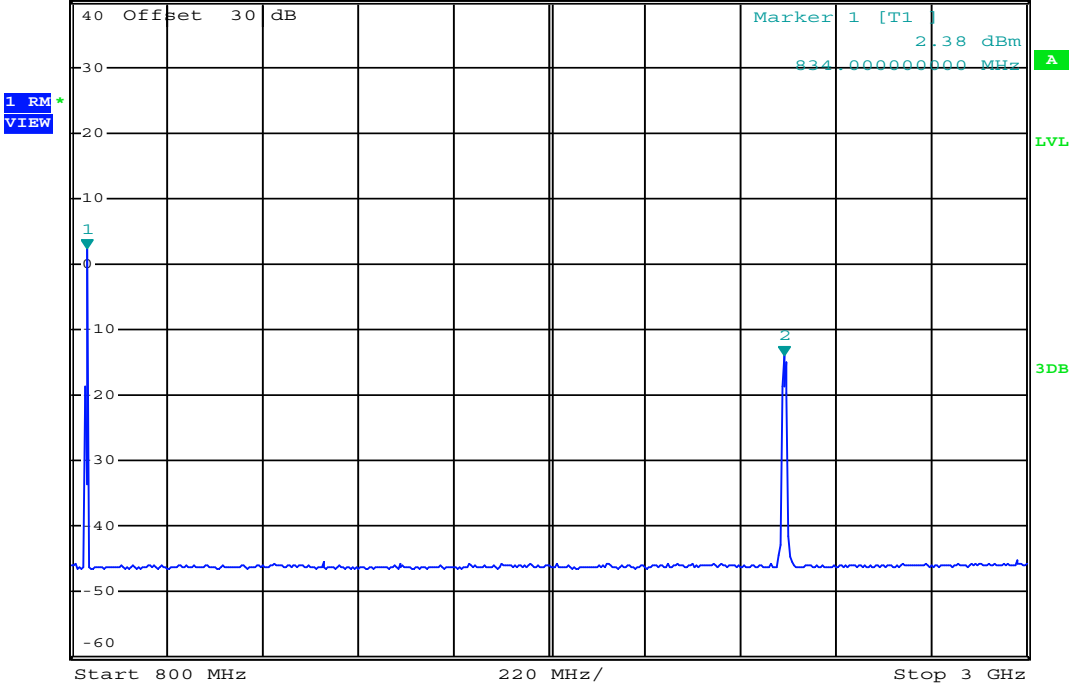
Marker 1 - LTE Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 2 [T1]
 VBW 10 MHz -13.85 dBm
 SWT 15 ms 2.442200000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 10:56:07

LTE Band: 5	Channel Frequency (MHz): 836.5	Emission Frequency (MHz): -
EARFCN: 20525	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

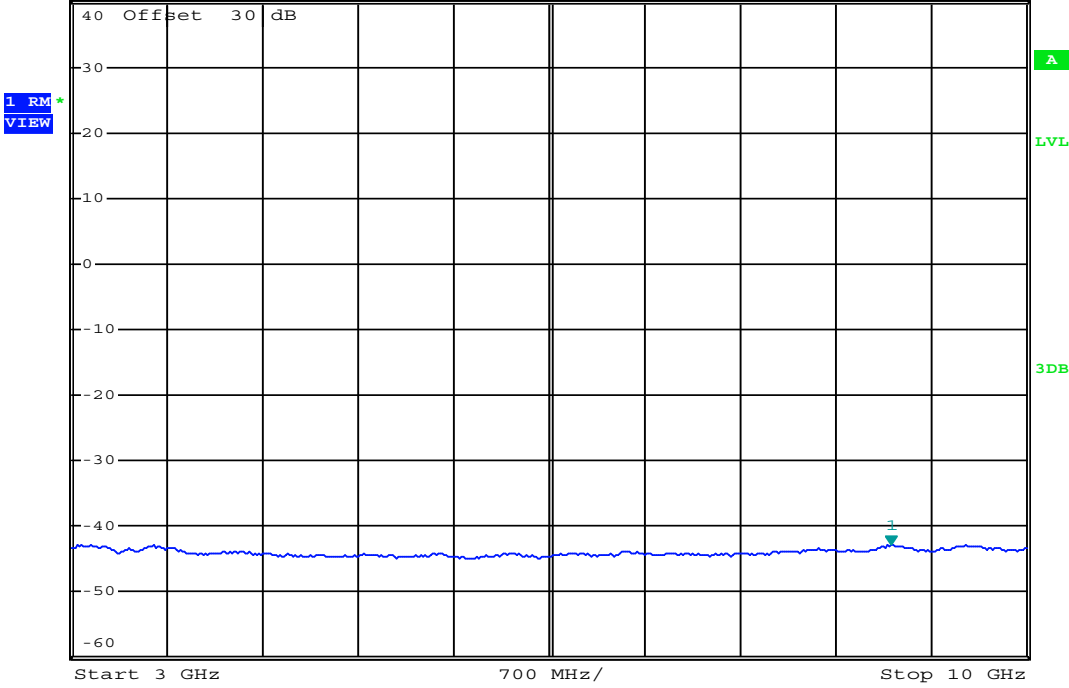
Marker 1 - LTE Fundamental
 Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.75 dBm
 SWT 140 ms 9.006000000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 10:56:34

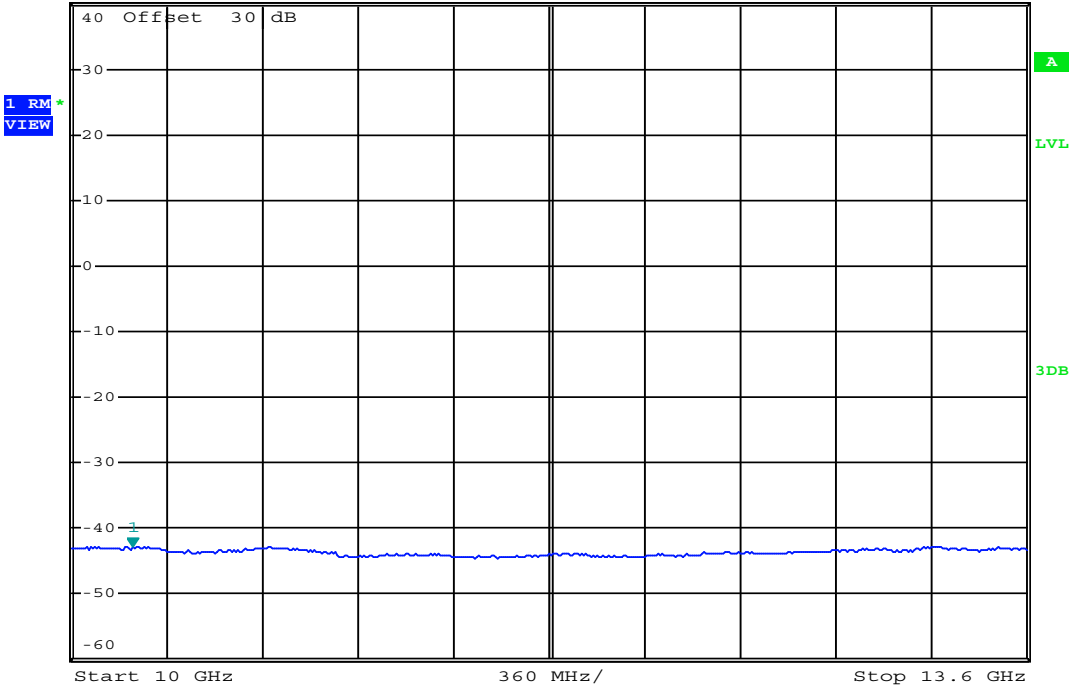
LTE Band: 5	Channel Frequency (MHz): 836.5	Emission Frequency (MHz): -
EARFCN: 20525	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.73 dBm
 SWT 75 ms 10.230400000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 10:57:18

LTE Band: 5	Channel Frequency (MHz): 836.5	Emission Frequency (MHz): -
EARFCN: 20525	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Simultaneous LTE/WiFi Transmission Spurious Emissions

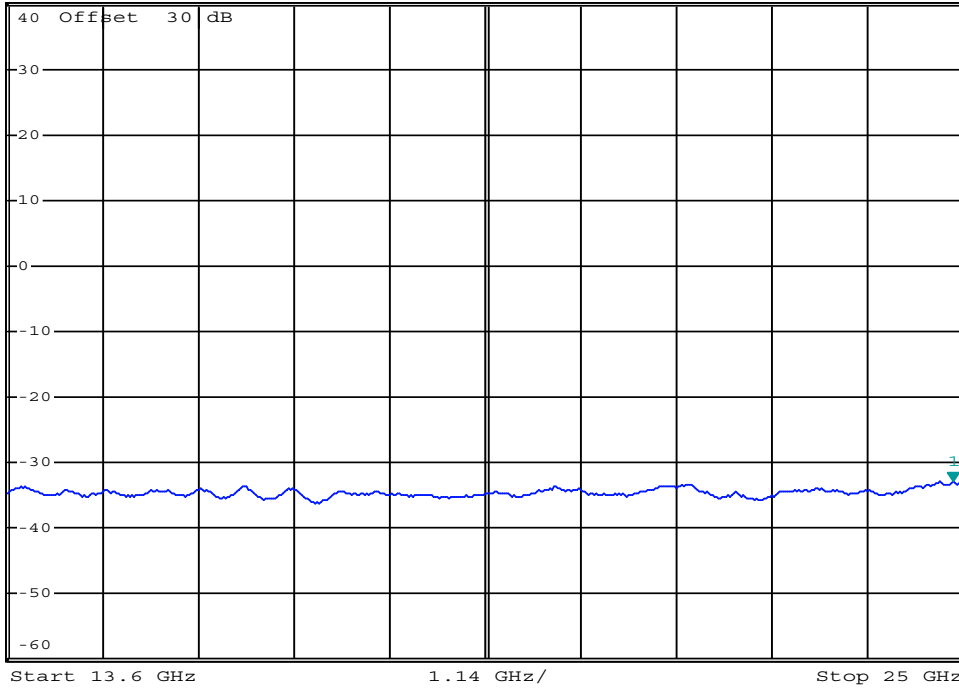


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -32.82 dBm
 SWT 230 ms 24.886000000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
 VIEW



Date: 13.MAY.2021 10:58:05

LTE Band: 5	Channel Frequency (MHz): 836.5	Emission Frequency (MHz): -
EARFCN: 20525	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

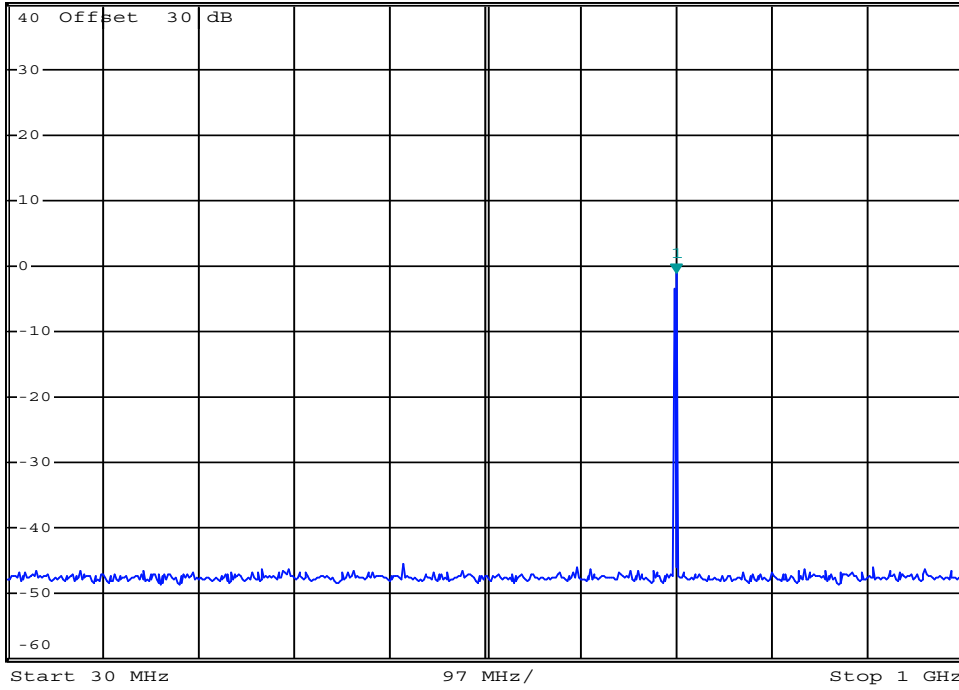
Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -1.13 dBm
 SWT 100 ms 709.000000000 MHz

Ref 40 dBm *Att 10 dB

1 RM*
 VIEW



Date: 13.MAY.2021 11:00:16

LTE Band: 12	Channel Frequency (MHz): 707.5	Emission Frequency (MHz): -
EARFCN: 23095	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

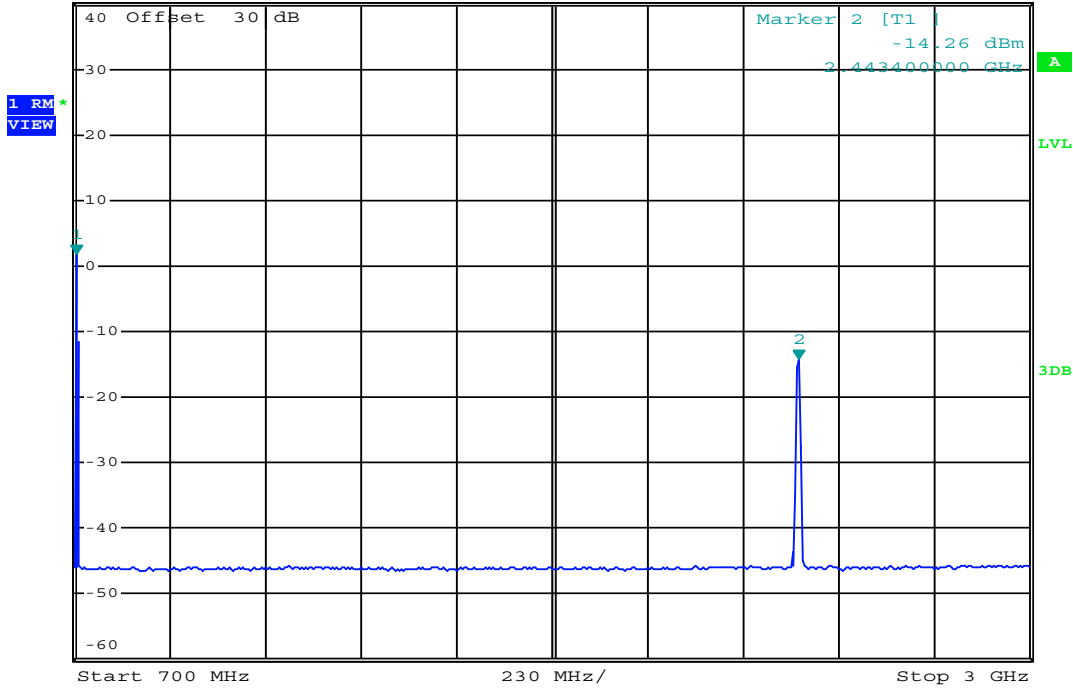
Marker 1 - LTE Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 1.86 dBm
 SWT 15 ms 704.60000000 MHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:01:27

LTE Band: 12	Channel Frequency (MHz): 707.5	Emission Frequency (MHz): -
EARFCN: 23095	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Marker 1 - LTE Fundamental

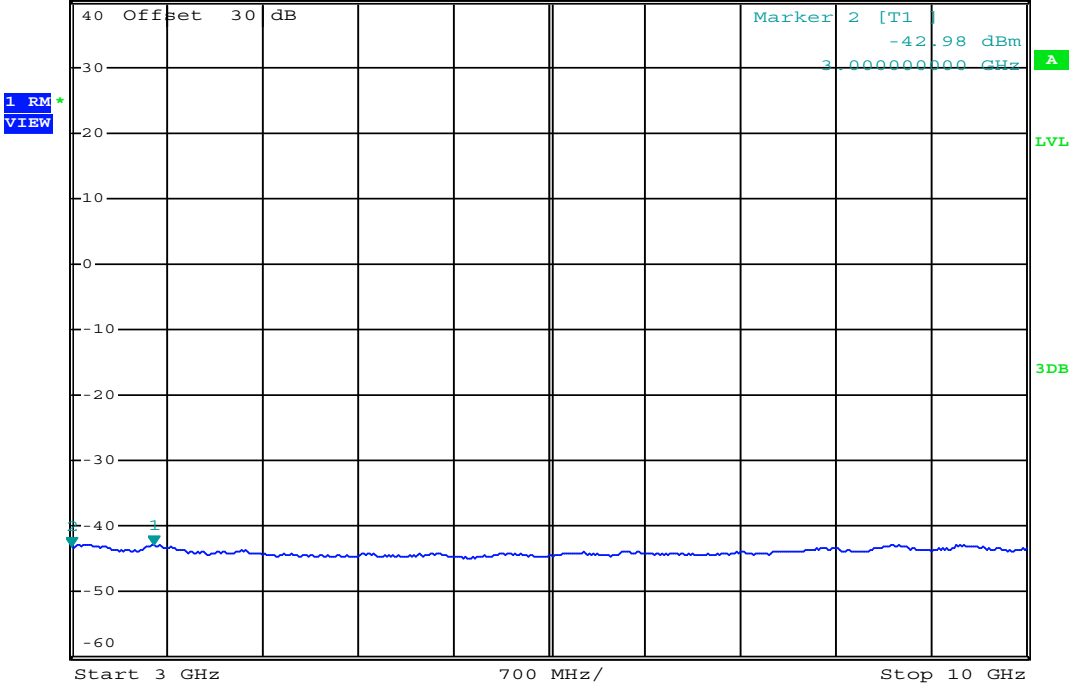
Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.70 dBm
 SWT 140 ms 3.602000000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:01:44

LTE Band: 12	Channel Frequency (MHz): 707.5	Emission Frequency (MHz): -
EARFCN: 23095	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Marker 1 - LTE Fundamental

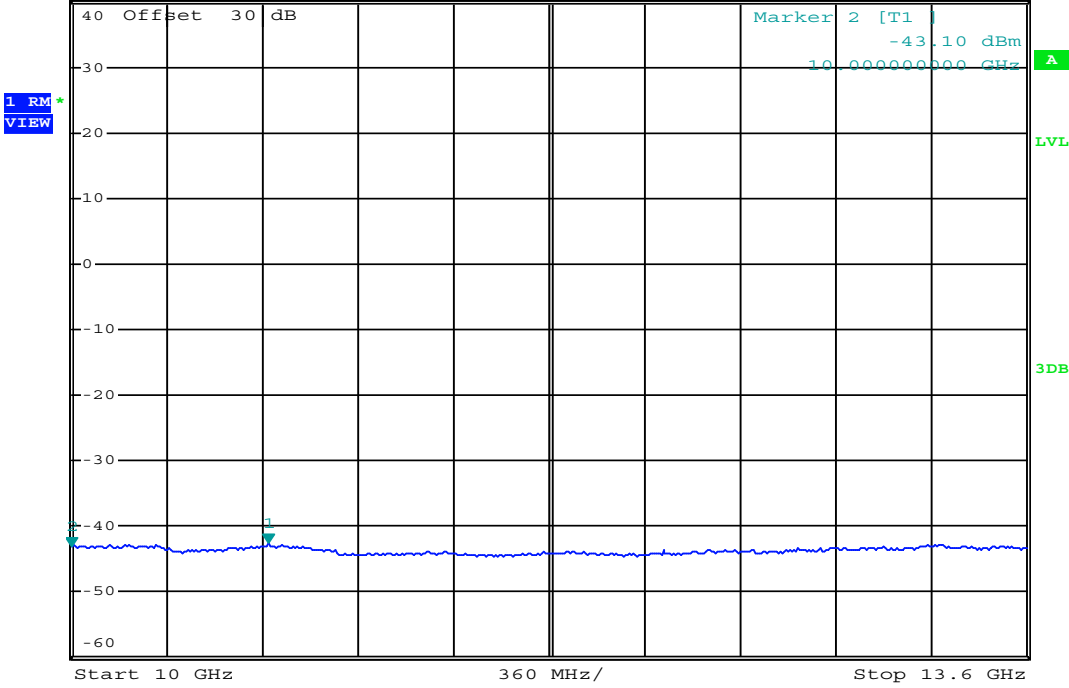
Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -42.58 dBm
 SWT 75 ms 10.741600000 GHz

Ref 40 dBm *Att 10 dB



Date: 13.MAY.2021 11:02:08

LTE Band: 12	Channel Frequency (MHz): 707.5	Emission Frequency (MHz): -
EARFCN: 23095	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

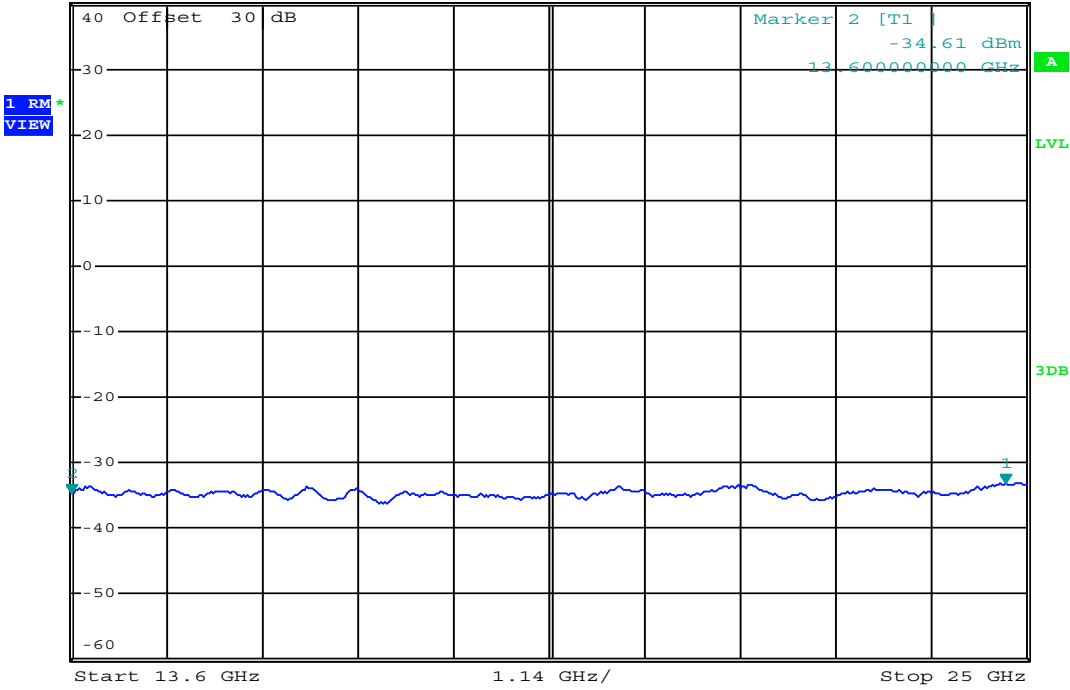
Marker 1 - LTE Fundamental

Marker 2 - WiFi Fundamental

Simultaneous LTE/WiFi Transmission Spurious Emissions



Ref 40 dBm *Att 10 dB *RBW 1 MHz Marker 1 [T1] -33.05 dBm
 VBW 10 MHz 24.749200000 GHz
 SWT 230 ms



Date: 13.MAY.2021 11:02:28

LTE Band: 12	Channel Frequency (MHz): 707.5	Emission Frequency (MHz): -
EARFCN: 23095	LTE Modulation: QPSK	
WiFi Channel Frequency: 2442	WiFi Modulation: QPSK	Measured Emission (dBm): ND

Marker 1 - LTE Fundamental

Marker 2 - WiFi Fundamental