

Plot 4-83 Band Edge Plot - LTE Band2 - [3MHz] [Full RB] [High Channel] [QPSK] [Ant 2]



Plot 4-84 Band Edge Plot - LTE Band2 - [1.4MHz] [Full RB] [High Channel] [QPSK] [Ant 2]



4.7. Conducted Spurious Emissions

4.7.1. Regulatory Limit

§Part. 24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB

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Equipment shall meet the unwanted emission limits, specified in table below, outside each frequency block group.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
≤ 1	-13 dBm / (1% of OBW)
>1	-13 dBm/MHz

4.7.2. Test Method

ANSI C63.26-2015, clause 5.7.4

4.7.3. Test Procedure

The measurement range defined by the start and stop frequencies was subdivided based on the frequency block requirements. The procedure for this method is follows :

- a) Set RBW = 1 MHz
- b) Set the VBW $\geq 3 \times$ RBW
- c) Detector = RMS
- d) Trace Mode = Average
- e) Set Number of points Sweep $\geq 2 \times$ (span / RBW)
- f) When unwanted noise or emissions are detected close to the limit, the sweep time is increased to perform a detailed measurement and capture the accurate signal level. (sweep time > number of points in sweep $\times$ symbol period)

Test Note

- ✓ All out of band spurious emissions were measured up to more than the 10th harmonic.
- ✓ Tests were conducted under QPSK modulation, which represents the worst-case scenario with the highest power level across all bandwidths.
- ✓ Although all transmission bandwidths and RB allocations including Full RB and 1 RB were evaluated, only the worst-case results are reported herein.
- ✓ Frequency Ranges A, B, and C represent separate out-of-band emission frequency ranges for each operating band.

4.7.4. Test Results

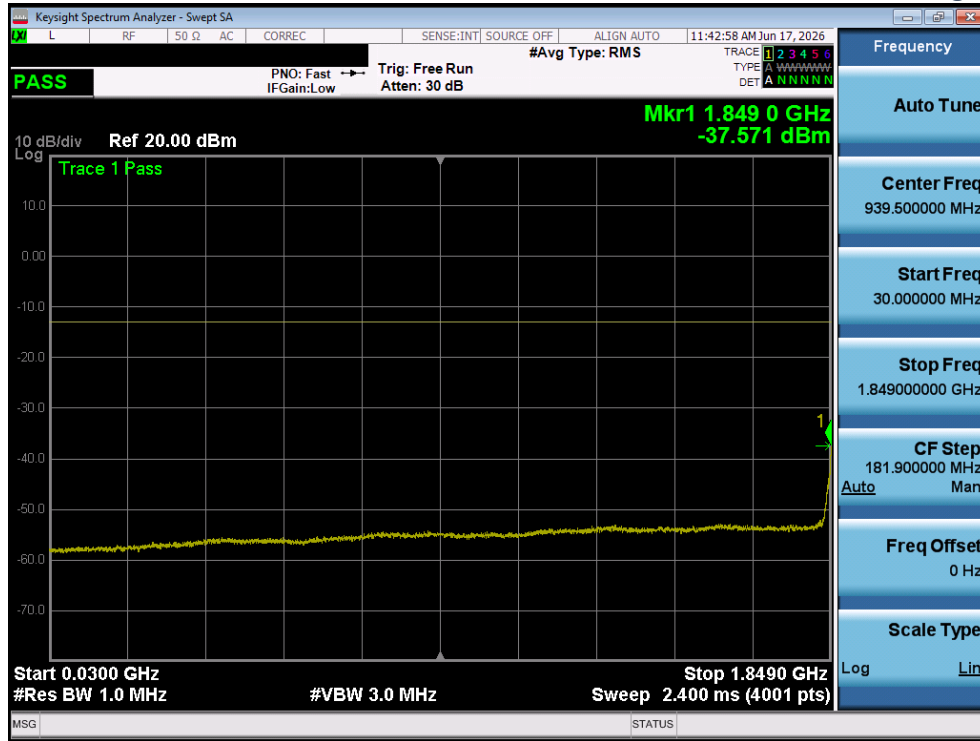
Table 4-6 Conducted Spurious Emissions Data Ant1

Band	Band Width [MHz]	Channel	Frequency [MHz]	Earfcn UL	RB Size/Offset	Modulation	Range	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2	20	Low	1860	26140	1/50	QPSK	A	-37.57	-13	-24.57
							B	-44.95	-13	-31.95
							C	-36.80	-13	-23.80
		Mid	1882.5	26365	1/50	QPSK	A	-48.41	-13	-35.41
							B	-45.13	-13	-32.13
							C	-36.77	-13	-23.77
		High	1905	26590	1/50	QPSK	A	-52.53	-13	-39.53
							B	-39.54	-13	-26.54
							C	-36.72	-13	-23.72

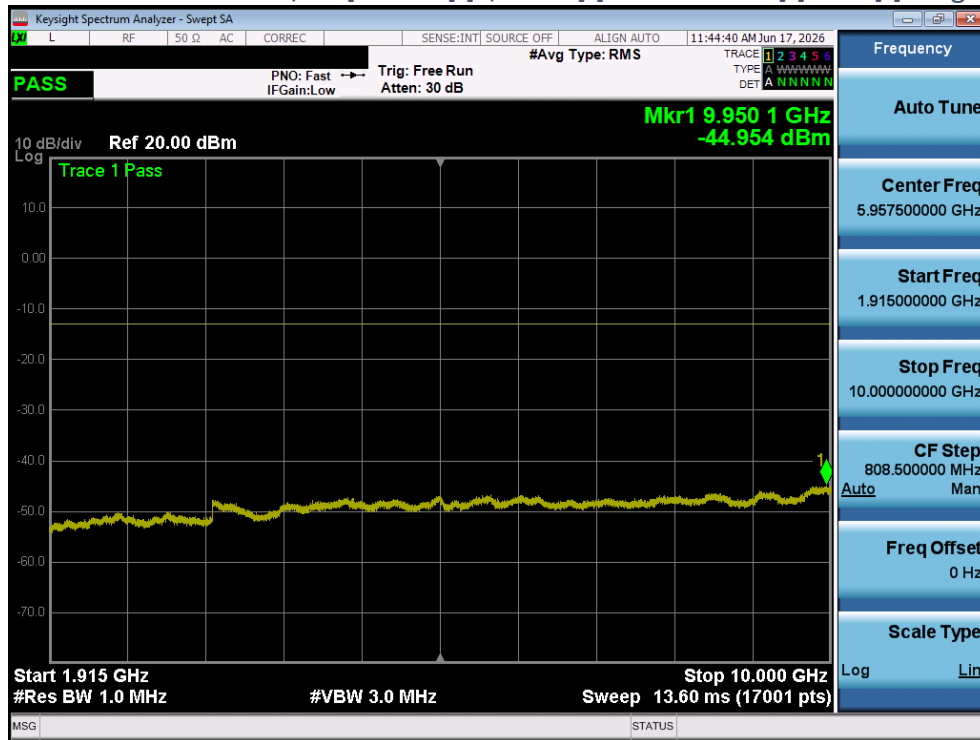
Table 4-7 Conducted Spurious Emissions Data Ant2

Band	Band Width [MHz]	Channel	Frequency [MHz]	Earfcn UL	RB Size/Offset	Modulation	Range	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2	20	Low	1860	26140	1/50	QPSK	A	-37.11	-13	-24.11
							B	-44.69	-13	-31.69
							C	-36.34	-13	-23.34
		Mid	1882.5	26365	1/50	QPSK	A	-49.47	-13	-36.47
							B	-44.63	-13	-31.63
							C	-36.49	-13	-23.49
		High	1905	26590	1/50	QPSK	A	-25.28	-13	-12.28
							B	-44.85	-13	-31.85
							C	-36.64	-13	-23.64

Plot 4-85 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Low Channel] [QPSK] [Range A] [Ant 1]



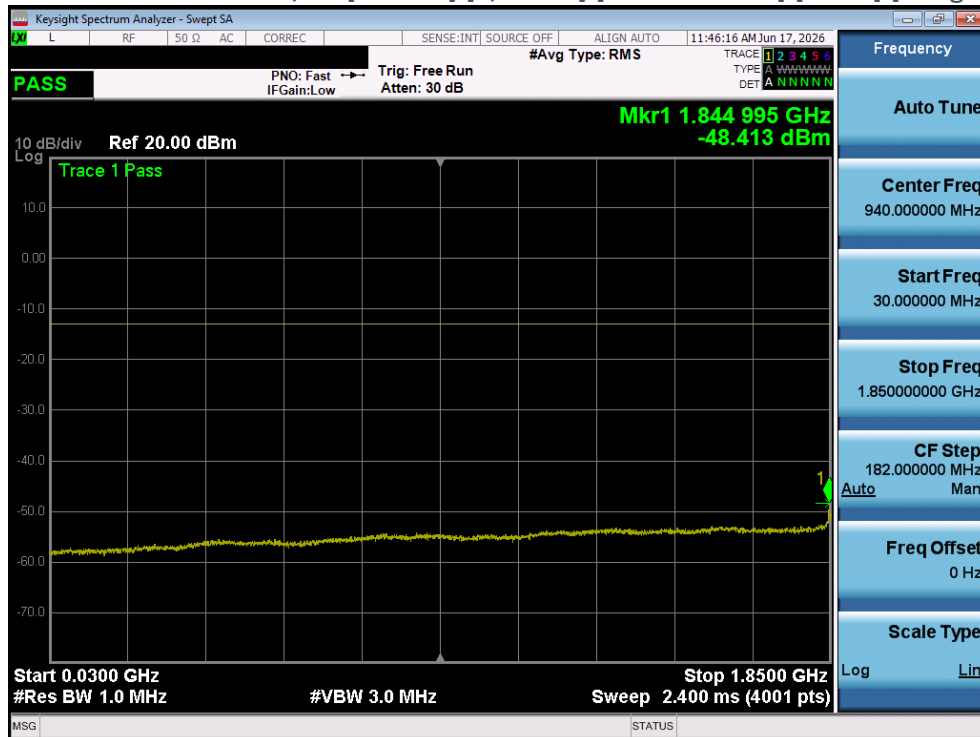
Plot 4-86 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Low Channel] [QPSK] [Range B] [Ant 1]



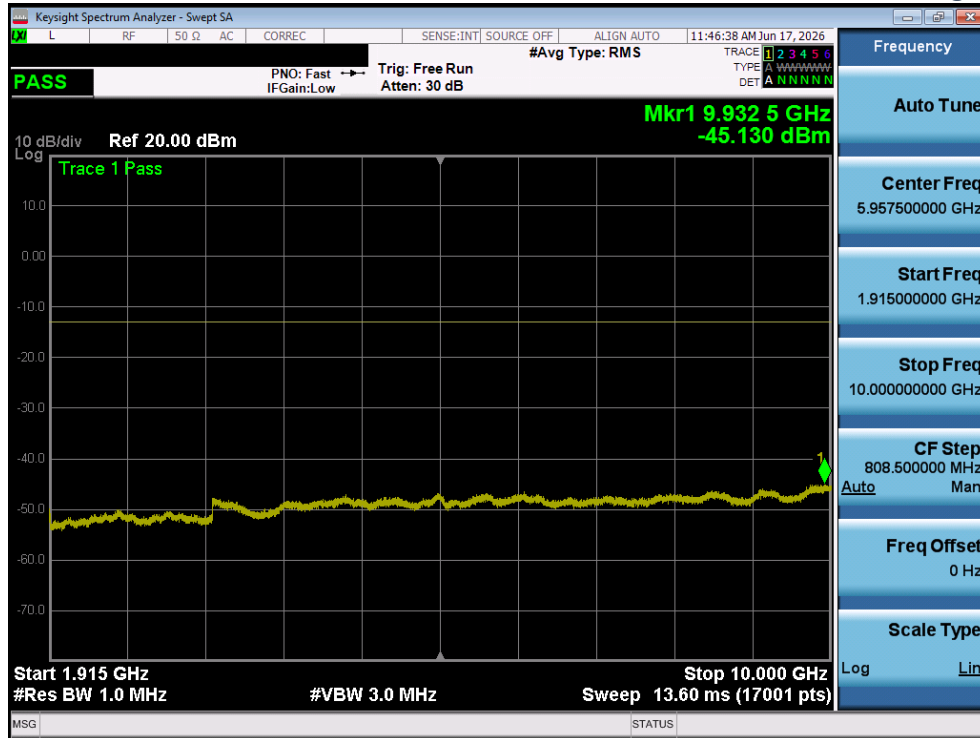
Plot 4-87 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Low Channel] [QPSK] [Range C] [Ant 1]



Plot 4-88 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Mid Channel] [QPSK] [Range A] [Ant 1]

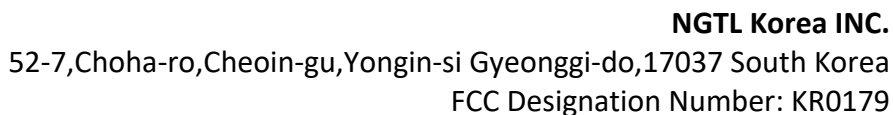


Plot 4-89 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Mid Channel] [QPSK] [Range B] [Ant 1]

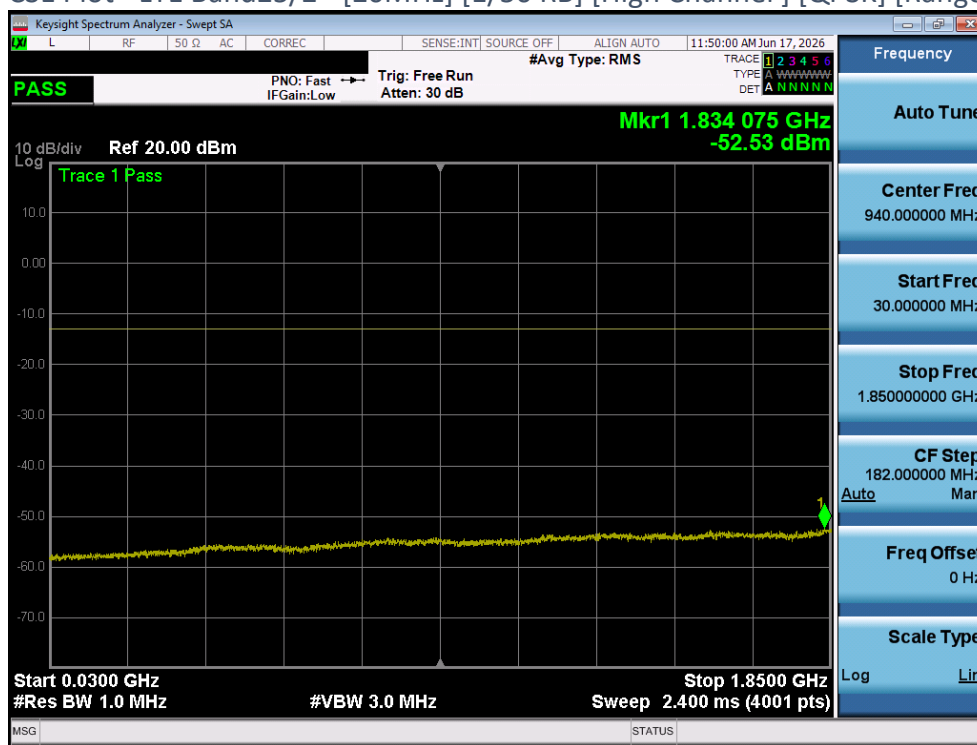


Plot 4-90 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Mid Channel] [QPSK] [Range C] [Ant 1]

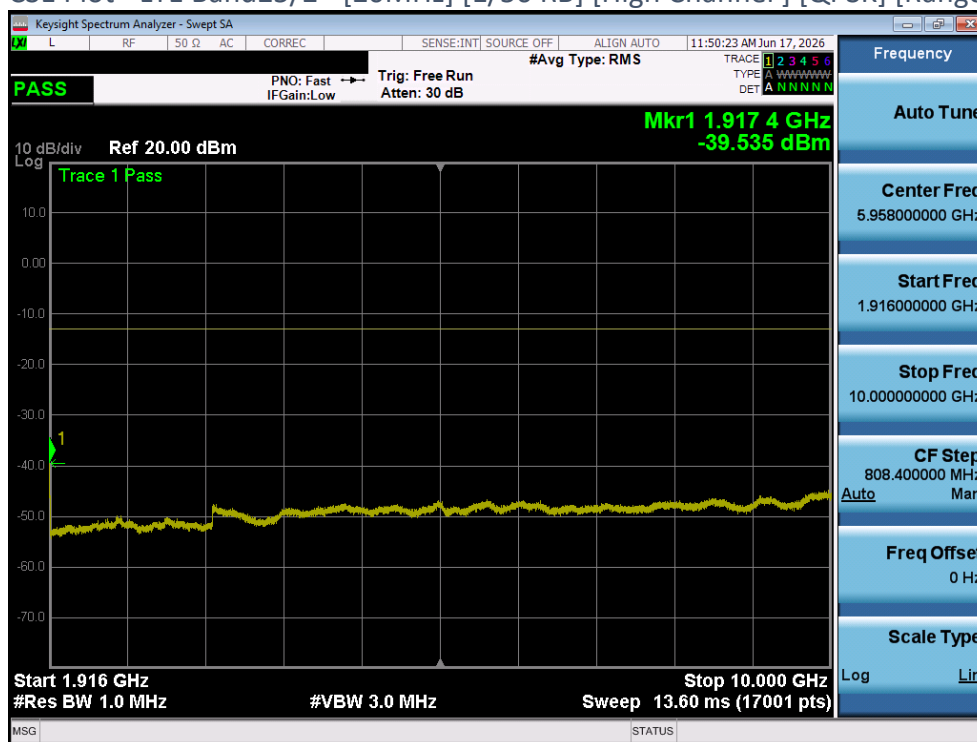




Plot 4-91 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [High Channel] [QPSK] [Range A] [Ant 1]



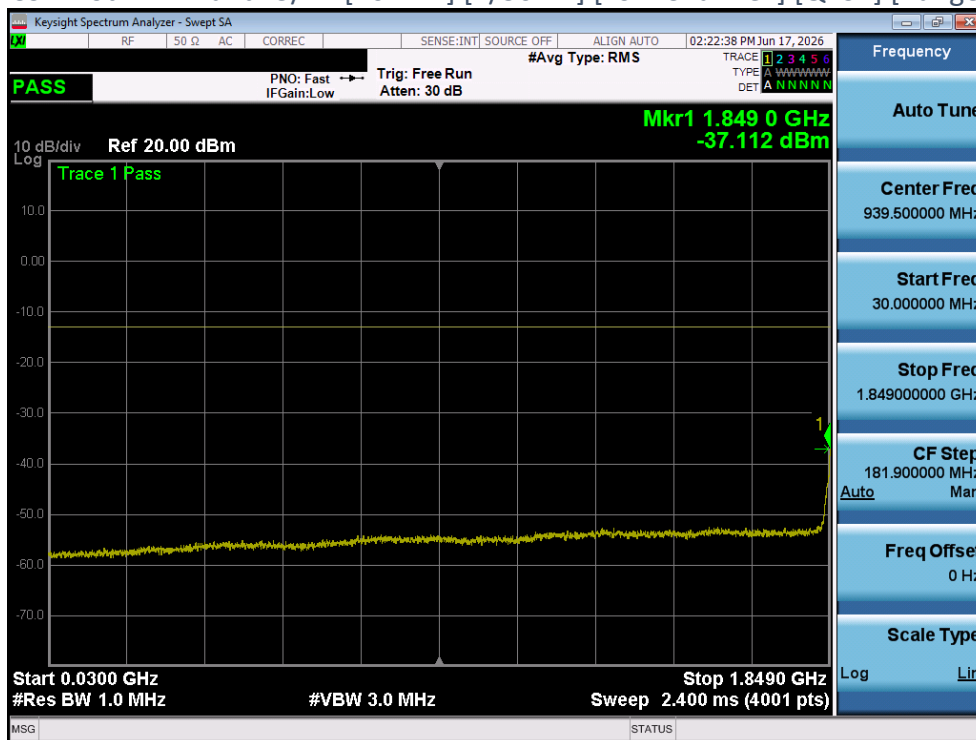
Plot 4-92 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [High Channel] [QPSK] [Range B] [Ant 1]



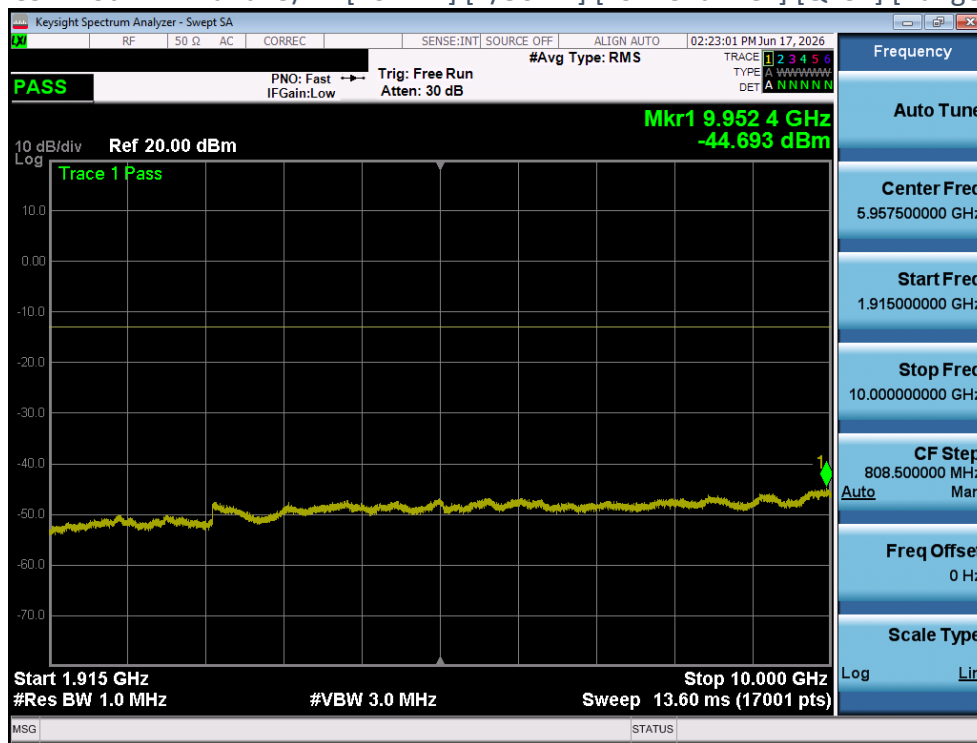
Plot 4-93 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [High Channel] [QPSK] [Range C] [Ant 1]



Plot 4-94 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Low Channel] [QPSK] [Range A] [Ant 2]



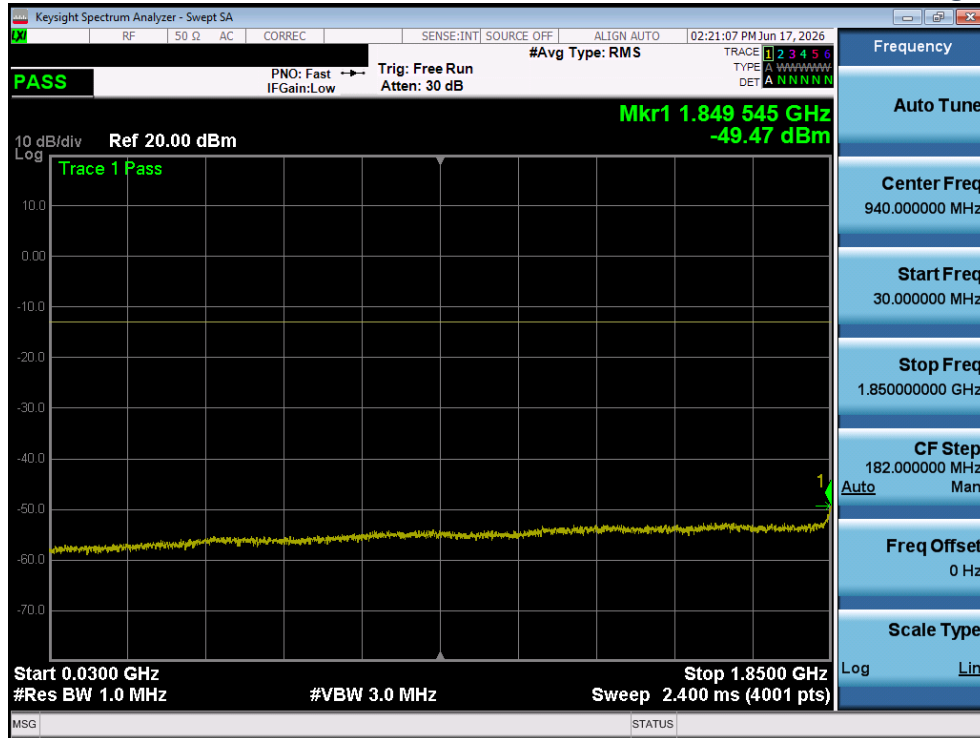
Plot 4-95 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Low Channel] [QPSK] [Range B] [Ant 2]



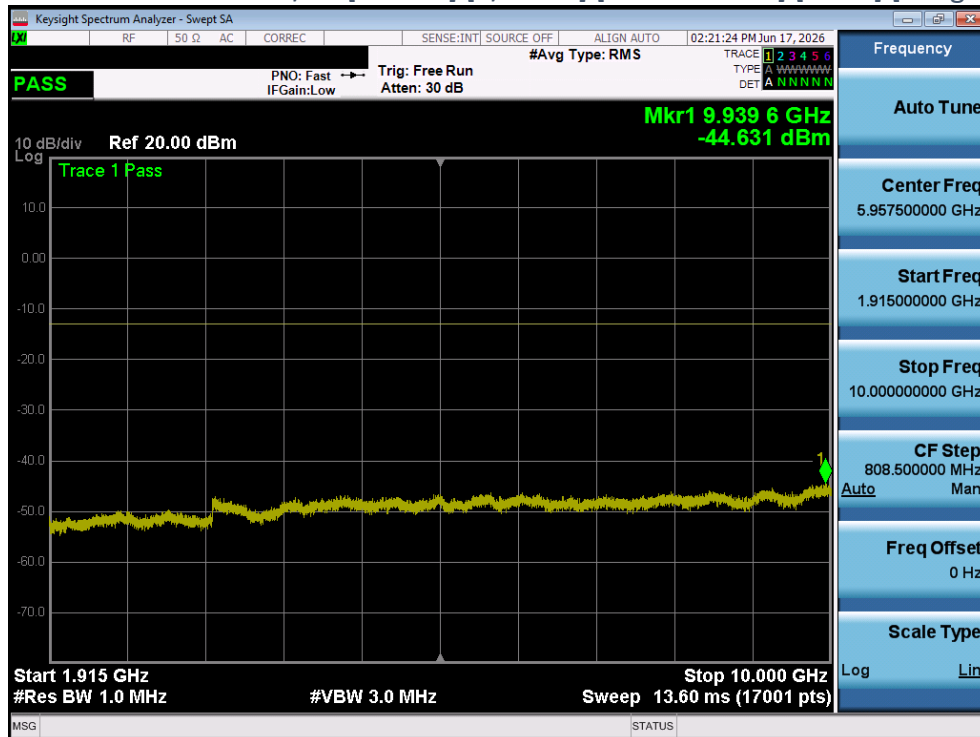
Plot 4-96 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Low Channel] [QPSK] [Range C] [Ant 2]



Plot 4-97 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Mid Channel] [QPSK] [Range A] [Ant 2]



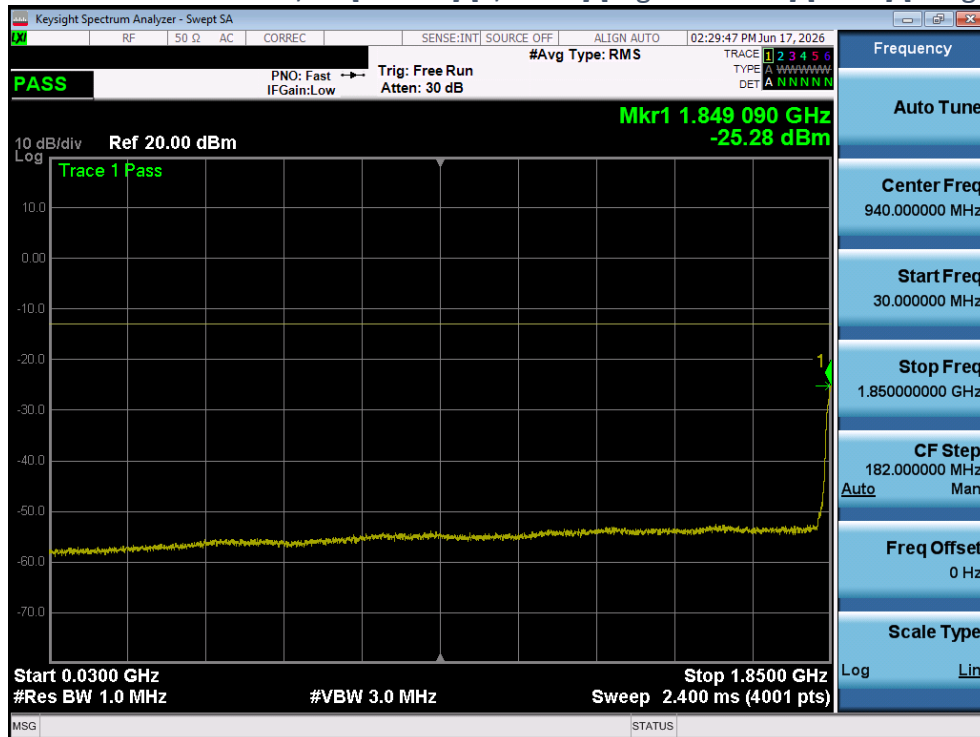
Plot 4-98 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Mid Channel] [QPSK] [Range B] [Ant 2]



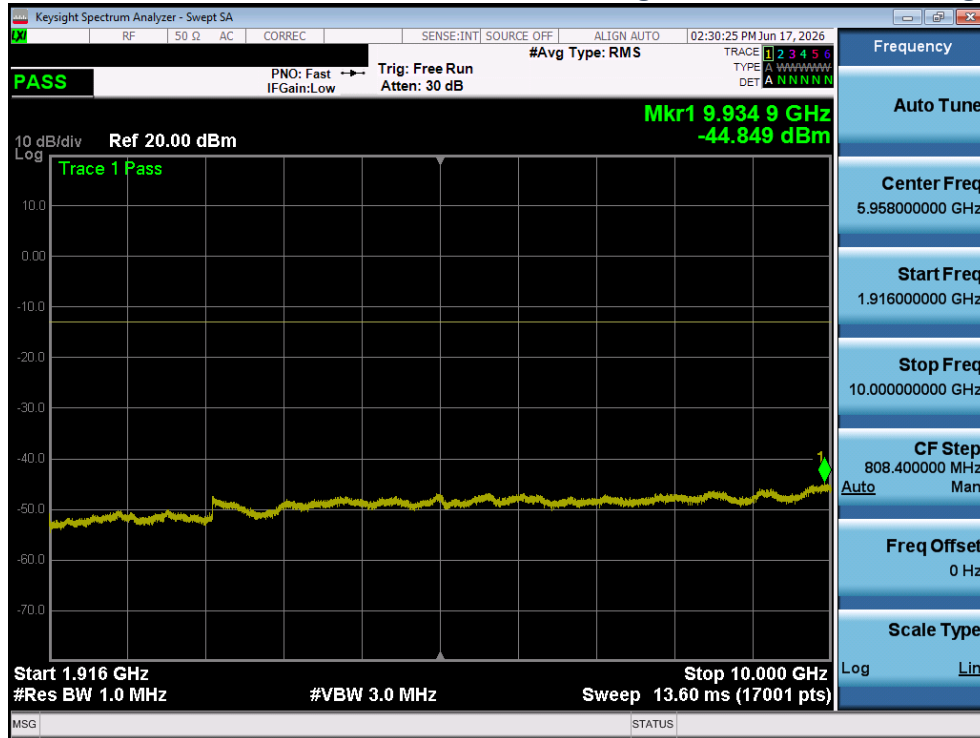
Plot 4-99 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [Mid Channel] [QPSK] [Range C] [Ant 2]



Plot 4-100 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [High Channel] [QPSK] [Range A] [Ant 2]



Plot 4-101 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [High Channel] [QPSK] [Range B] [Ant 2]



Plot 4-102 CSE Plot - LTE Band25/2 - [20MHz] [1/50 RB] [High Channel] [QPSK] [Range C] [Ant 2]



4.8. Frequency Stability

4.8.1. Regulatory Limits

§Part. 2.1055

The frequency stability of the transmitter shall be measured while varying the ambient temperatures and supply voltages over the ranges specified in Section 2.1055.

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The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group when tested to the temperature and supply voltage variations specified in RSS-Gen.

4.8.2. Test Method

ANSI C63.26-2015, clause 5.6

4.8.3. Test Procedure

The call simulator was used to control the EUT.

For the frequency stability measurement, the OBW function of the spectrum analyzer was used.

The procedure for this method is follows :

- Place the test sample (EUT) inside the temperature chamber
- Reference Measurement - Set the chamber to +20°C and wait until both the chamber and the EUT internal components are completely stabilized under the nominal voltage condition.
- Connect the dummy load provided by the client and perform the measurement at the battery operating end point voltage.
- High-Temperature - increase the chamber temperature to +50°C.
- Incremental Temperature - lower the chamber temperature in 10°C (+50°C ~ -30°C)

Test Note

- ✓ The supply voltage was varied using the dummy load provided by the customer, and the battery operating end point voltage was verified.
- ✓ Sufficient time was allowed for the EUT to stabilize under all temperature conditions.
- ✓ Frequency stability was evaluated at both the low and high operating channels to verify that the transmitter remains within the authorized frequency block across the operating frequency range.
- ✓ Nominal voltage – 3.89 VDC, Endpoint – 2.85 VDC

4.8.4. Test Results

Table 4-8 Frequency Stability Data

Band	Channel	Voltage Condition	Temp [°C]	OBW T1 [Hz]	Limit	Pass/Fail
LTE Band 25/2	Low	Nominal	+50	1,850,823,060	1,850,000,000	PASS
			+40	1,850,819,600	1,850,000,000	PASS
			+30	1,850,817,580	1,850,000,000	PASS
			+20	1,850,809,870	1,850,000,000	PASS
			+10	1,850,820,330	1,850,000,000	PASS
			0	1,850,814,980	1,850,000,000	PASS
			-10	1,850,808,040	1,850,000,000	PASS
			-20	1,850,810,320	1,850,000,000	PASS
			-30	1,850,809,480	1,850,000,000	PASS
		Endpoint	+20	1,850,814,200	1,850,000,000	PASS
	Channel	Voltage Condition	Temp [°C]	OBW T2 [Hz]	Limit	Pass/Fail
	High	Nominal	+50	1,914,095,010	1,915,000,000	PASS
			+40	1,914,101,130	1,915,000,000	PASS
			+30	1,914,118,490	1,915,000,000	PASS
			+20	1,914,123,430	1,915,000,000	PASS
			+10	1,914,099,440	1,915,000,000	PASS
			0	1,914,107,520	1,915,000,000	PASS
			-10	1,914,124,280	1,915,000,000	PASS
			-20	1,914,148,220	1,915,000,000	PASS
			-30	1,914,124,650	1,915,000,000	PASS
		Endpoint	+20	1,914,089,620	1,915,000,000	PASS

*Note - Temp '+20°C' condition is reference

5. Radiated Test Results

5.1. Test Configuration

Radiated Test Facilities & Setup

Radiated emissions testing was conducted in an indoor 3-meter semi-anechoic chamber (SAC). For all frequency ranges, the turntable was rotated 360° and the receive antenna height was varied from 1 m to 4 m to maximize emissions. The specific test setups and calibrated, linearly polarized antennas utilized are as follows:

- 9 kHz to 30 MHz : DUT height at 0.8 m / Active Loop Antenna
- 30 MHz to 1 GHz : DUT height at 0.8 m / No floor absorbers / Broadband Bi-log Antenna
- 1 GHz to 18 GHz : DUT height at 1.5 m / Floor absorbers deployed / Broadband Double-Ridge Horn Antenna
- Above 18 GHz : DUT height at 1.5 m / Floor absorbers deployed / Standard Gain Horn Antenna

Test Orientations

The DUT was investigated in three orthogonal orientations (X, Y, and Z) for each band. Since the equipment transmits below 10 GHz, Radiated Spurious Emissions testing was performed from 9 kHz up to the lower of the tenth harmonic of the highest fundamental frequency or 18 GHz. Testing from 1 GHz to 18 GHz was performed on the low, mid, and high channels. Testing below 1 GHz and above 18 GHz was conducted only under the worst-case configuration. In accordance with ANSI C63.26, measurement results for the 9 kHz to 30 MHz range and frequencies above 18 GHz are included in the report only when emissions are detected within 20 dB of the applicable limit.



Figure 5-1 Three orthogonal orientations.

Radiated emissions were captured using automated test software 'NGTL ATE' Ver. 0.00.

5.2. Radiated Measurement Setup

Figure 5-2 Radiated Measurement Setup Below 30 MHz

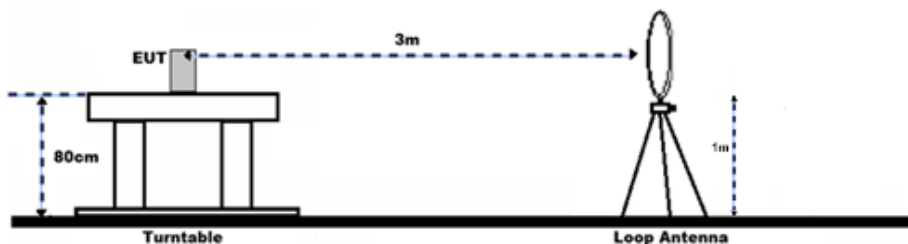


Figure 5-3 Radiated Measurement Setup Below 1 GHz

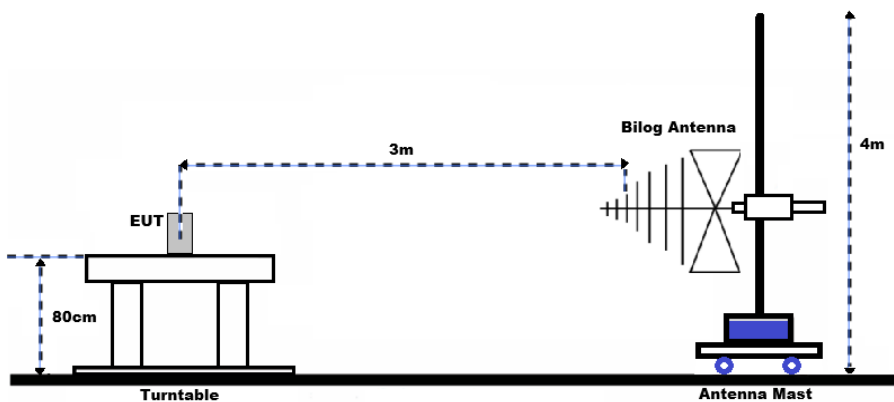
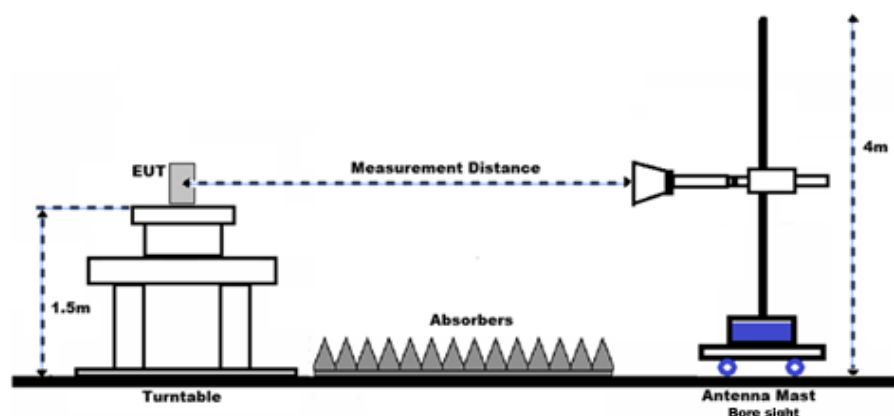


Figure 5-4 Radiated Measurement Setup Above 1 GHz



5.3. Radiated Measurement Sample

Serial Number(s) :

ZF50735M, ZEE0154M, ZDR0217M

5.4. Radiated Power

5.4.1. Regulatory Limit

§ Part 24.232(c)

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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The maximum power spectral density of the equipment, measured in terms of average values, shall comply with the limits specified in table below. These limits are either specified in terms of equivalent isotropically radiated power (e.i.r.p.) or TRP for the purpose of certification and may not apply to all deployment scenarios.

Equipment type	Maximum power spectral density
Subscriber equipment	2 W /channel bandwidth e.i.r.p

5.4.2. Test Method

ANSI C63.26 – 2015, clause 5.2.4.2

5.4.3. Test Procedure

The procedure for Average measurement is follows :

- Connect the power sensor to the EMI receiver, and then perform zeroing and calibration.
- Connect the DUT to a wideband gated RF power sensor.
- Configure the DUT to transmit at its maximum power control level.
- Record the maximum power level
- When the burst duty cycle is below 98%, a trigger/gate is utilized to ensure power is measured only during active full-power transmission bursts.

Test Note

- ✓ For this test, substitution measurements were performed in a 3 meter semi-anechoic chamber that meets both normalized site attenuation (NSA) and SVWSR requirements.
- ✓ For the test in this section, a power sensor was connected to the EMI receiver. Signal maximizing was performed using the receiver, while the power measurement was conducted using the sensor. A splitter was placed at the input of the receiver to distribute the signal to both the receiver and the sensor, and the resulting loss was compensated as an offset in the power sensor.

5.4.4. Test Results

Table 5-1 Radiated Power - LTE Band 25/2 Ant1

BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1860	1882.5	1905		
							26140	26365	26590		
20	QPSK	V	1.27	344	1	0	23.96	23.81	23.57	33	-9.04
		V	1.29	345	1	50	23.92	24.16	23.34		-8.84
		V	1.32	347	1	99	23.19	23.62	23.03		-9.38
		V	1.29	345	100	0	22.85	23.01	22.44		-9.99
	16QAM	V	1.27	344	1	0	23.28	22.96	22.78		-9.72
		V	1.29	345	1	50	23.04	23.34	22.68		-9.66
		V	1.32	347	1	99	22.28	22.79	22.19		-10.21
		V	1.29	345	100	0	21.79	22.02	21.28		-10.98
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1857.5	1882.5	1907.5		
							26115	26365	26615		
15	QPSK	V	1.27	344	1	0	23.97	23.85	23.35	33	-9.03
		V	1.29	345	1	36	23.79	24.08	23.29		-8.92
		V	1.32	347	1	74	23.14	23.55	23.01		-9.45
		V	1.29	345	75	0	22.94	23.08	22.41		-9.92
	16QAM	V	1.27	344	1	0	23.37	22.94	22.71		-9.63
		V	1.29	345	1	36	22.94	23.44	22.70		-9.56
		V	1.32	347	1	74	22.30	22.74	22.27		-10.26
		V	1.29	345	75	0	21.83	22.06	21.22		-10.94
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1855	1882.5	1910		
							26090	26365	26640		
10	QPSK	V	1.27	344	1	0	23.92	23.84	23.31	33	-9.08
		V	1.29	345	1	25	23.77	24.22	23.51		-8.78
		V	1.32	347	1	49	23.19	23.62	23.04		-9.38
		V	1.29	345	50	0	22.89	22.96	22.38		-10.04
	16QAM	V	1.27	344	1	0	23.32	22.96	22.62		-9.68
		V	1.29	345	1	25	23.17	23.73	22.74		-9.27
		V	1.32	347	1	49	22.34	22.76	22.32		-10.24
		V	1.29	345	50	0	21.84	22.02	21.23		-10.98
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1852.5	1882.5	1912.5		
							26065	26365	26665		
5	QPSK	V	1.27	344	1	0	23.91	23.78	23.34	33	-9.09
		V	1.29	345	1	12	23.68	23.81	23.27		-9.19
		V	1.32	347	1	24	23.25	23.57	23.03		-9.43
		V	1.29	345	25	0	22.89	22.94	22.38		-10.06
	16QAM	V	1.27	344	1	0	23.40	23.01	22.50		-9.60
		V	1.29	345	1	12	23.10	23.51	22.82		-9.49
		V	1.32	347	1	24	22.47	22.79	22.38		-10.21
		V	1.29	345	25	0	21.79	21.99	21.25		-11.01
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1851.5	1882.5	1913.5		
							26055	26365	26675		
3	QPSK	V	1.27	344	1	0	23.94	23.74	23.28	33	-9.06
		V	1.29	345	1	7	23.98	23.87	23.16		-9.02
		V	1.32	347	1	14	23.20	23.57	22.97		-9.43
		V	1.29	345	15	0	22.91	22.89	22.34		-10.09
	16QAM	V	1.27	344	1	0	23.35	22.93	22.61		-9.65
		V	1.29	345	1	7	23.14	23.64	22.81		-9.36
		V	1.32	347	1	14	22.39	22.76	22.22		-10.24
		V	1.29	345	15	0	21.85	21.93	21.25		-11.07
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1850.7	1882.5	1914.3		
							26047	26365	26683		
1.4	QPSK	V	1.27	344	1	0	23.94	23.86	23.29	33	-9.06
		V	1.29	345	1	3	24.07	24.18	23.33		-8.82
		V	1.32	347	1	5	23.33	23.62	23.01		-9.38
		V	1.29	345	6	0	22.94	22.94	22.34		-10.06
	16QAM	V	1.27	344	1	0	23.36	22.94	22.58		-9.64
		V	1.29	345	1	3	23.19	23.65	22.73		-9.35
		V	1.32	347	1	5	22.47	22.81	22.25		-10.19
		V	1.29	345	6	0	21.94	22.03	21.31		-10.97

Table 5-2 Radiated Power - LTE Band 25/2 Ant2

BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1860	1882.5	1905		
							26140	26365	26590		
20	QPSK	V	1.05	322	1	0	21.79	22.53	22.31	33	-10.47
		V	1.04	320	1	50	21.86	22.14	22.22		-10.78
		V	1.04	328	1	99	21.62	22.07	20.86		-10.93
		V	1.04	319	100	0	20.86	21.27	21.26		-11.73
	16QAM	V	1.05	322	1	0	20.83	21.59	21.54		-11.41
		V	1.04	320	1	50	20.92	21.19	21.37		-11.63
		V	1.04	328	1	99	20.77	21.27	20.29		-11.73
		V	1.04	319	100	0	19.86	20.25	20.28		-12.72
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1857.5	1882.5	1907.5		
							26115	26365	26615		
15	QPSK	V	1.05	322	1	0	21.80	22.57	22.09	33	-10.43
		V	1.04	320	1	36	21.73	22.06	22.17		-10.83
		V	1.04	328	1	74	21.57	22.00	20.84		-11.00
		V	1.04	319	75	0	20.95	21.34	21.23		-11.66
	16QAM	V	1.05	322	1	0	20.92	21.57	21.47		-11.43
		V	1.04	320	1	36	20.82	21.29	21.39		-11.61
		V	1.04	328	1	74	20.79	21.22	20.37		-11.78
		V	1.04	319	75	0	19.90	20.29	20.22		-12.71
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1855	1882.5	1910		
							26090	26365	26640		
10	QPSK	V	1.05	322	1	0	21.75	22.56	22.05	33	-10.44
		V	1.04	320	1	25	21.71	22.20	22.39		-10.61
		V	1.04	328	1	49	21.62	22.07	20.87		-10.93
		V	1.04	319	50	0	20.90	21.22	21.20		-11.78
	16QAM	V	1.05	322	1	0	20.87	21.59	21.38		-11.41
		V	1.04	320	1	25	21.05	21.58	21.43		-11.42
		V	1.04	328	1	49	20.83	21.24	20.42		-11.76
		V	1.04	319	50	0	19.91	20.25	20.23		-12.75
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1852.5	1882.5	1912.5		
							26065	26365	26665		
5	QPSK	V	1.05	322	1	0	21.65	22.48	21.94	33	-10.52
		V	1.04	320	1	12	21.74	22.50	22.08		-10.50
		V	1.04	328	1	24	21.62	21.79	22.15		-10.85
		V	1.04	319	25	0	21.68	22.02	20.86		-10.98
	16QAM	V	1.05	322	1	0	20.90	21.20	21.20		-11.80
		V	1.04	320	1	12	20.95	21.64	21.26		-11.36
		V	1.04	328	1	24	20.98	21.36	21.51		-11.49
		V	1.04	319	25	0	20.96	21.27	20.48		-11.73
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1851.5	1882.5	1913.5		
							26055	26365	26675		
3	QPSK	V	1.05	322	1	0	21.77	22.46	22.02	33	-10.54
		V	1.04	320	1	7	21.92	21.85	22.04		-10.96
		V	1.04	328	1	14	21.63	22.02	20.80		-10.98
		V	1.04	319	15	0	20.92	21.15	21.16		-11.84
	16QAM	V	1.05	322	1	0	20.90	21.56	21.37		-11.44
		V	1.04	320	1	7	21.02	21.49	21.50		-11.50
		V	1.04	328	1	14	20.88	21.24	20.32		-11.76
		V	1.04	319	15	0	19.92	20.16	20.25		-12.75
BW [MHz]	Modulation	Ant. Pol.	Antenna Height [m]	Turntable Azimuth [deg °]	RB Size	RB Offset	Frequency [MHz] / Earfcn / EIRP [dBm]			Limit [dBm]	Margin at Max Power [dB]
							1850.7	1882.5	1914.3		
							26047	26365	26683		
1.4	QPSK	V	1.05	322	1	0	21.77	22.58	22.03	33	-10.42
		V	1.04	320	1	3	22.01	22.16	22.21		-10.79
		V	1.04	328	1	5	21.76	22.07	20.84		-10.93
		V	1.04	319	6	0	20.95	21.20	21.16		-11.80
	16QAM	V	1.05	322	1	0	20.91	21.57	21.34		-11.43
		V	1.04	320	1	3	21.07	21.50	21.42		-11.50
		V	1.04	328	1	5	20.96	21.29	20.35		-11.71
		V	1.04	319	6	0	20.01	20.26	20.31		-12.69

5.5. Unwanted Emissions Outside of the Band

5.5.1. Regulatory Limit

§ Part 24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB

RSS-133(5.6)

Equipment shall meet the unwanted emission limits, specified in table below, outside each frequency block group.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
≤ 1	-13 dBm / (1% of OBW)
>1	-13 dBm/MHz

5.5.2. Test Method

ANSI C63.26 – 2015, clause 5.5.4

5.5.3. Test Procedure

The procedure for this method is follows :

- a) Set RBW = 1 MHz
 100 kHz if the authorized frequency band/block is at or below 1 GHz
 1 MHz if the authorized frequency band/block is above 1 GHz
- b) Set the VBW $\geq 3 \times$ RBW.
- c) Detector = RMS
- d) Trace Mode = Average
- e) Set Number of points Sweep $\geq 2 \times$ (span / RBW)

5.5.4. Sample Calculation

Where relevant, the following sample calculation is provided:

$$E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$$

$$\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8;$$

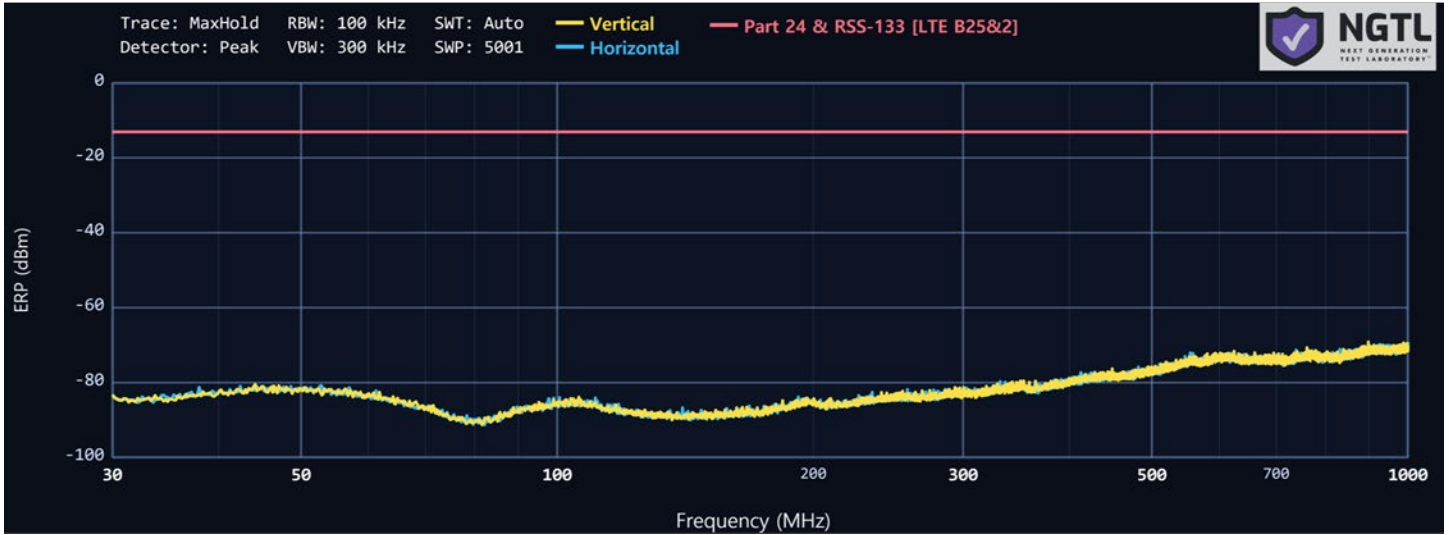
where D is the measurement distance (in the far field region) in m.

Test Note

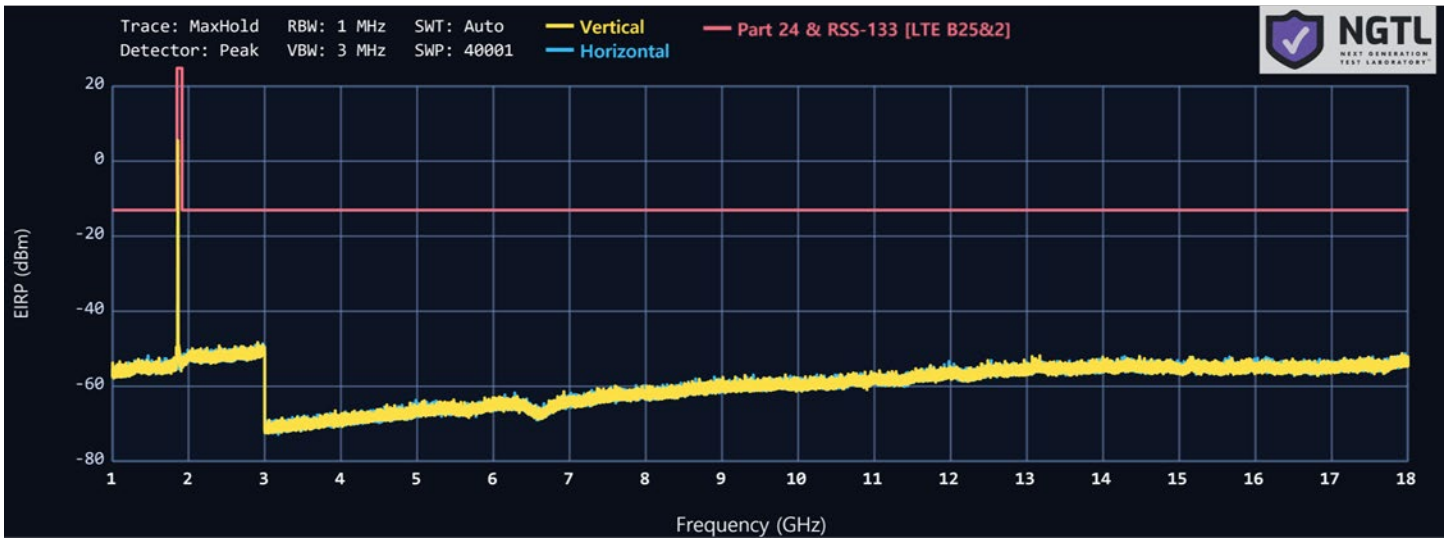
- ✓ The DUT incorporates an integral antenna, and testing was performed in a radiated configuration
- ✓ Radiated Unwanted emissions were measured using the direct radiated field strength method on a validated test site in accordance with the requirements of ANSI C63.4.
- ✓ The EUT was oriented in three orthogonal axes (X, Y, and Z), and only the worst-case emissions are reported.
- ✓ In accordance with ANSI C63.26 Section 5.5.2.5, a pre-scan was performed, and the final compliance tests were conducted using the designated detector at the worst-case parameters.
- ✓ No spurious emissions were observed above 18 GHz. Only the measurement system noise floor was detected.

5.5.5. Test Results

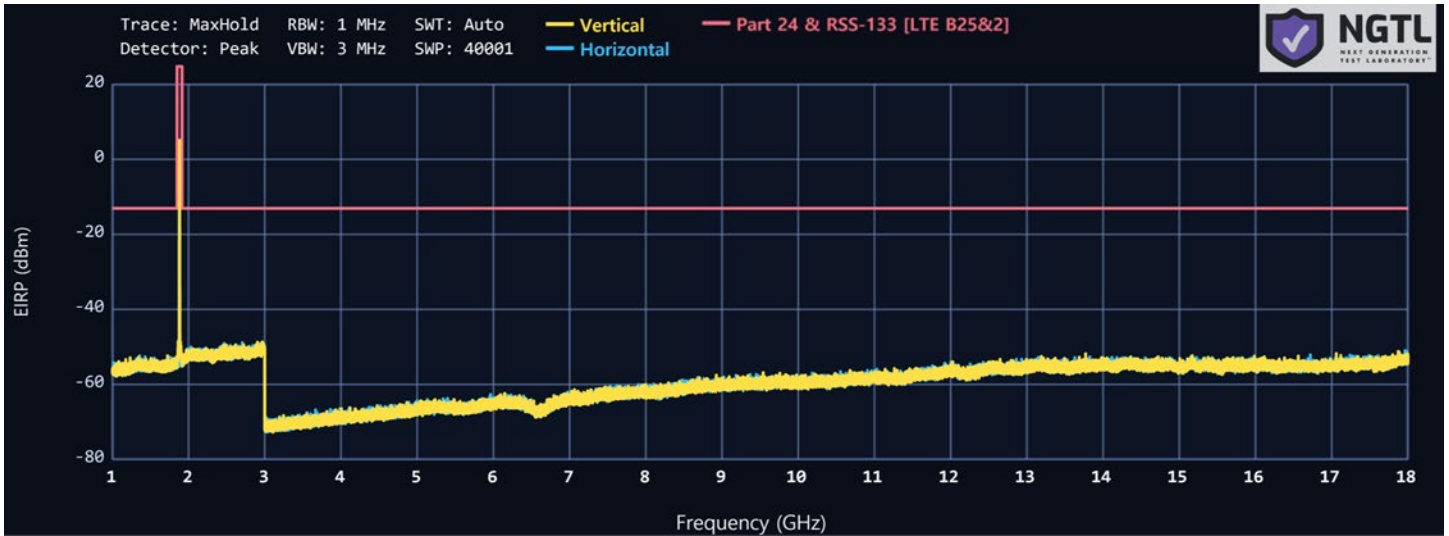
Plot 5-1 RSE Below 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-2 RSE Above 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [Low Channel] [QPSK] [ANT 1]



Plot 5-3 RSE Above 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-4 RSE Above 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [High Channel] [QPSK] [ANT 1]

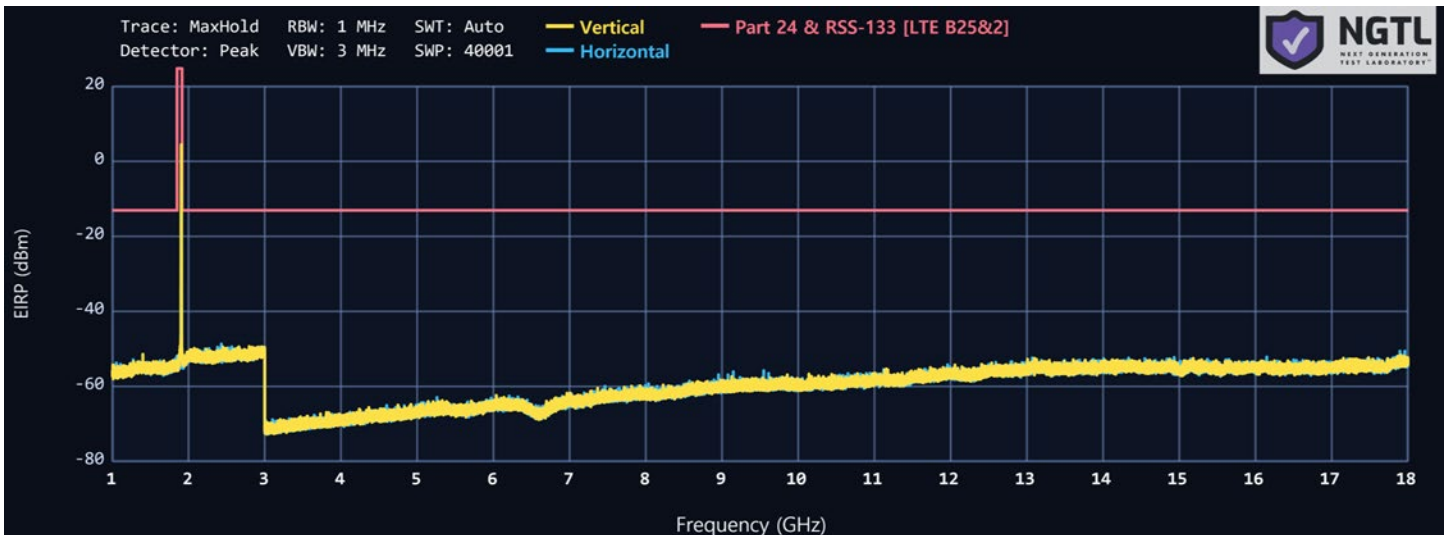


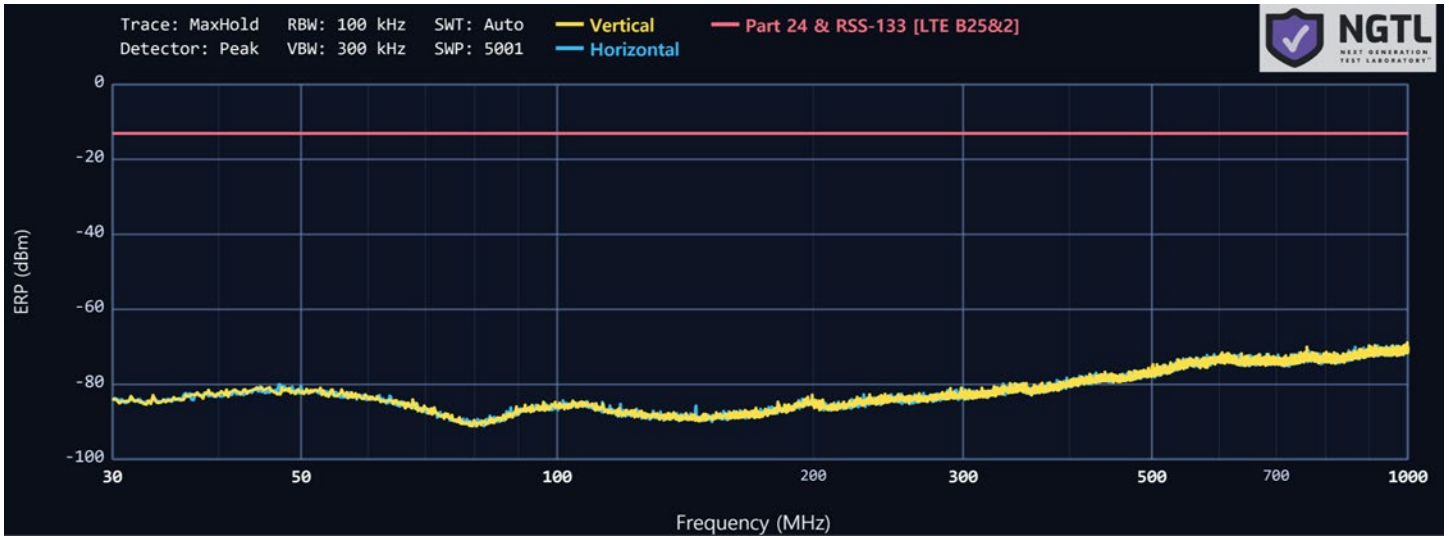
Table 5-3 Radiated Spurious Emissions Below 1GHz DATA - LTE Band25/2 - ANT 1

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2 ANT 1	1882.5	950.82	54.76	H	PK	-21.42	-61.86	-13.00	-48.86
		972.72	53.82	V	PK	-22.01	-63.39	-13.00	-50.39

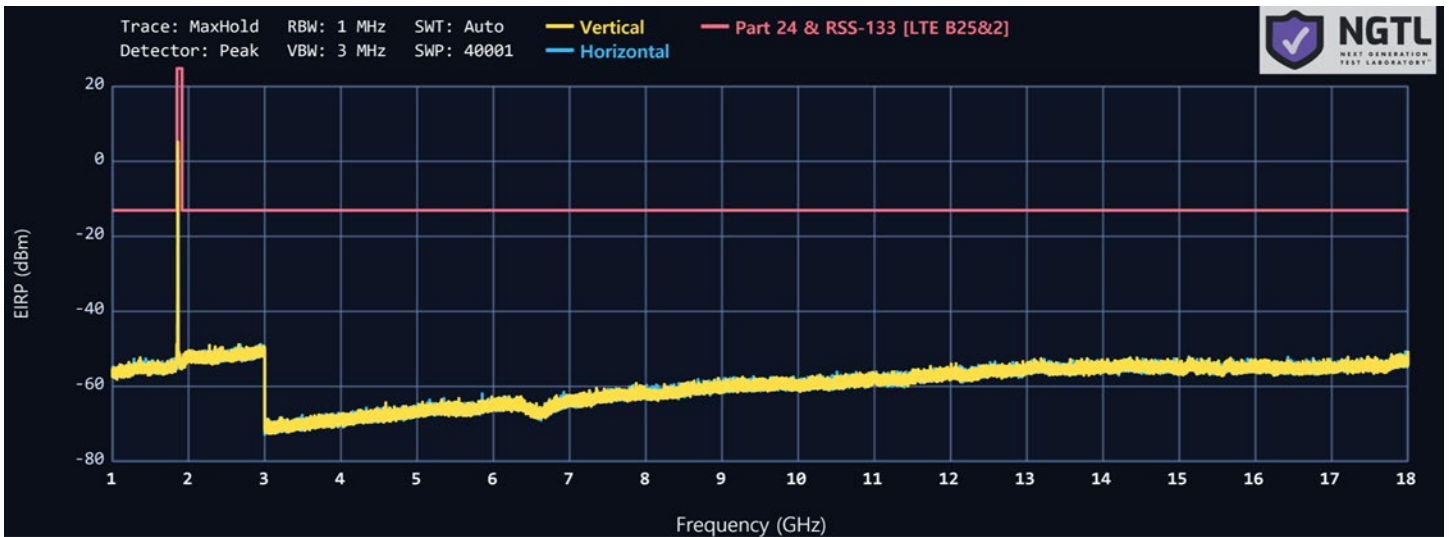
Table 5-4 Radiated Spurious Emissions Above 1GHz DATA - LTE Band25/2 - ANT 1

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2 ANT 1	1860.0	3 719.24	44.66	H	PK	-19.01	-69.55	-13.00	-56.55
		5 580.63	45.30	H	PK	-15.90	-65.80	-13.00	-52.80
		7 440.83	43.37	H	PK	-12.21	-64.04	-13.00	-51.04
	1882.5	3 764.42	42.74	H	PK	-18.92	-71.38	-13.00	-58.38
		5 646.54	44.27	H	PK	-15.81	-66.74	-13.00	-53.74
		7 530.22	44.16	H	PK	-12.16	-63.20	-13.00	-50.20
	1905.0	3 809.20	45.07	H	PK	-18.83	-68.96	-13.00	-55.96
		5 714.82	44.94	H	PK	-15.64	-65.90	-13.00	-52.90
		7 619.70	45.34	H	PK	-11.94	-61.80	-13.00	-48.80

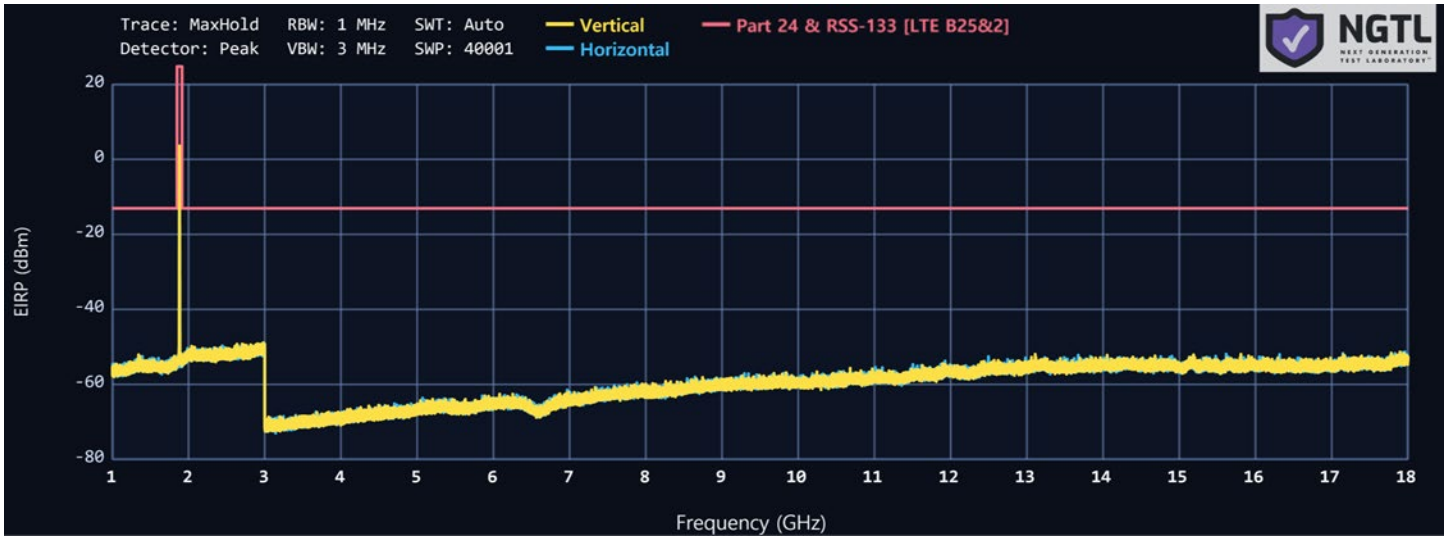
Plot 5-5 RSE Below 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 2]



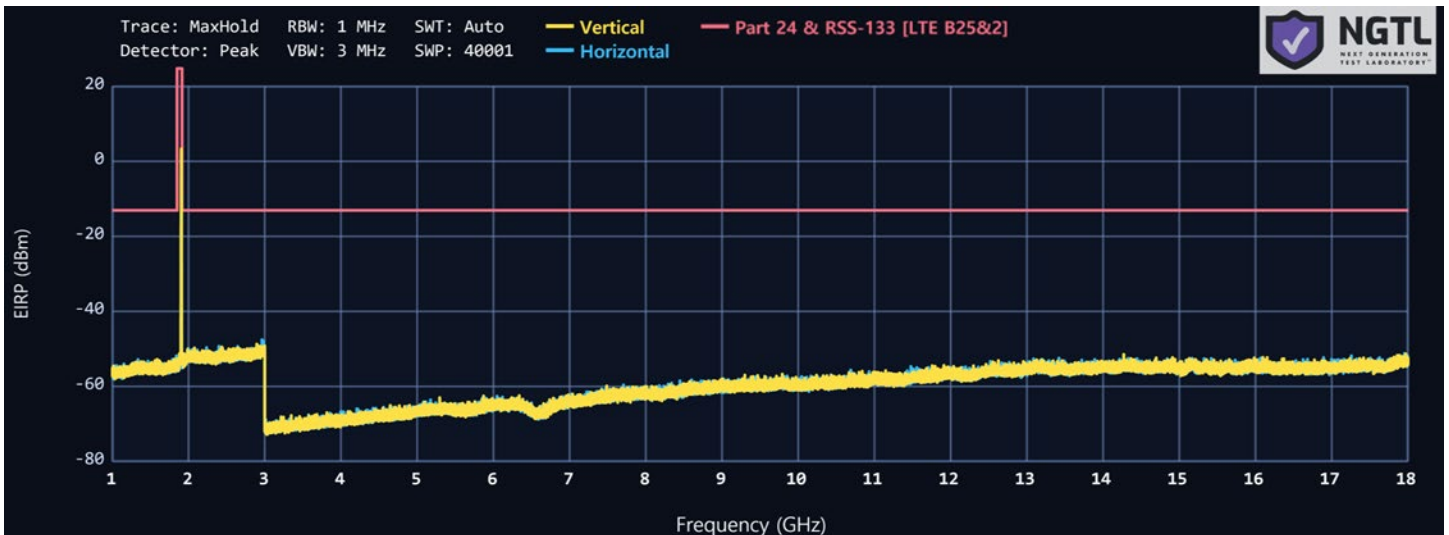
Plot 5-6 RSE Above 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [Low Channel] [QPSK] [ANT 2]



Plot 5-7 RSE Above 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 2]



Plot 5-8 RSE Above 1GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [High Channel] [QPSK] [ANT 2]



Plot 5-9 RSE Above 18GHz PLOT - LTE Band25/2 - [20MHz] [1/50RB] [High Channel] [QPSK]

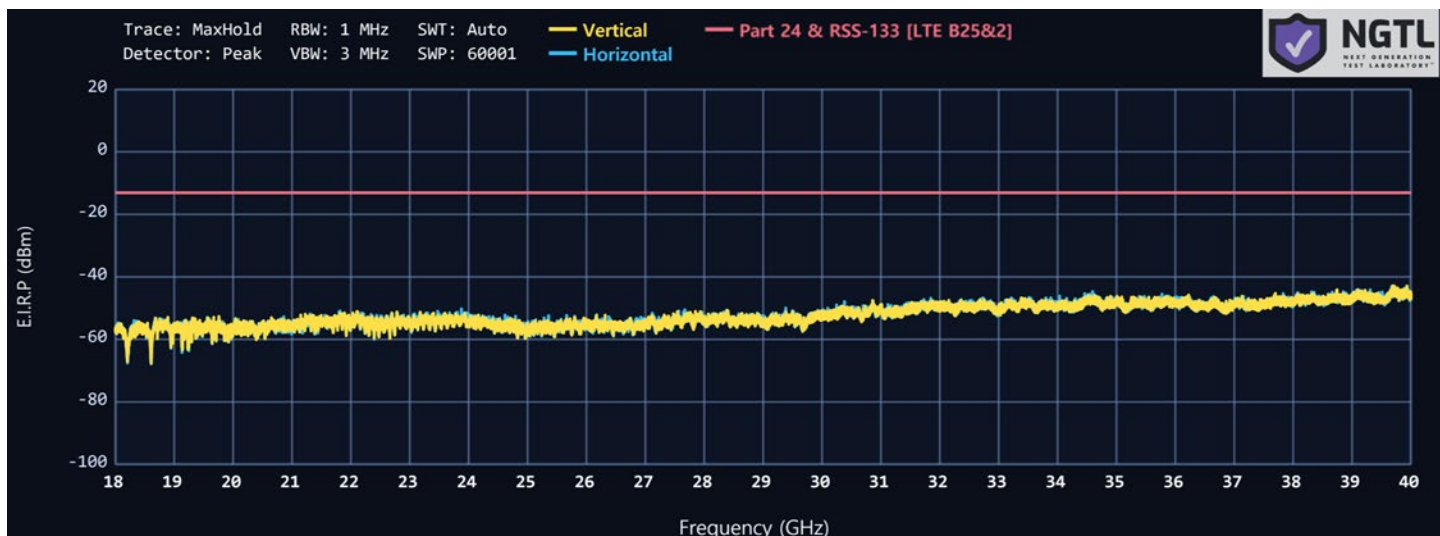


Table 5-5 Radiated Spurious Emissions Below 1GHz DATA - LTE Band25/2 - ANT 2

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2 ANT 2	1882.5	956.16	52.99	H	PK	-21.52	-63.73	-13.00	-50.73
		958.12	54.93	V	PK	-21.56	-61.83	-13.00	-48.83

Table 5-6 Radiated Spurious Emissions Above 1GHz DATA - LTE Band25/2 - ANT 2

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2 ANT 2	1860.0	3 719.29	45.21	H	PK	-19.01	-69.00	-13.00	-56.00
		5 579.29	44.62	H	PK	-15.90	-66.48	-13.00	-53.48
		7 439.61	44.50	H	PK	-12.21	-62.91	-13.00	-49.91
	1882.5	3 764.58	42.43	H	PK	-18.92	-71.69	-13.00	-58.69
		5 646.97	43.22	H	PK	-15.81	-67.79	-13.00	-54.79
		7 530.10	44.81	H	PK	-12.16	-62.55	-13.00	-49.55
	1905.0	3 809.50	45.71	H	PK	-18.83	-68.32	-13.00	-55.32
		5 715.02	43.51	H	PK	-15.64	-67.33	-13.00	-54.33
		7 620.89	44.69	H	PK	-11.94	-62.45	-13.00	-49.45

6. Revision History

Rev.	Issue Date	Revisions	Prepared By
00	07/08/2026	Initial Release	SK Hong
01	07/14/2026	Corrected typos and revised wording	SK Hong
02	07/20/2026	Revised wording	SK Hong
03	07/24/2026	Revised wording	SK Hong

7. Measurement Uncertainty

Measurement Items	Frequency Range	Expanded Uncertainty (±)
Maximum Conducted Output Power	f < 8 GHz	1.06 dB
Conducted Emissions	f < 1 GHz	0.71 dB
Conducted Emissions	f < 18 GHz	2.06 dB
Conducted Emissions	f > 18 GHz	3.12 dB
Radiated Emissions	f < 30 MHz	3.68 dB
Radiated Emissions	f < 1 GHz	4.01 dB
Radiated Emissions	f > 1 GHz	4.41 dB
Radiated Emissions	f > 18 GHz	5.23 dB
AC Line Conducted Emissions	f < 30 MHz	2.66 dB
Occupied Bandwidth		0.43 %
Time		4.8 %

The expanded measurement uncertainty is calculated at an approximate 95% confidence level (k = 2).

✓ Notes : Measurement uncertainty is for reference only. Based on Simple Acceptance, compliance is determined by directly comparing the measured data against applicable limits.

8. Equipment List

All test equipment used for the measurements was within its valid calibration interval. All test antennas were calibrated in accordance with ANSI C63.5-2017, and all test cables were calibrated in-house prior to testing. The calibration dates presented in the tables below apply only to equipment calibrated by an accredited calibration laboratory.

Table 8-1 Test Equipment and Calibration Date

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Signal & Spectrum Analyzer	Rohde & Schwarz	FSW43	103432	2026-02-13	2027-02-13
Signal & Spectrum Analyzer	Keysight	N9010B	MY56460241	2025-12-18	2026-12-18
Signal & Spectrum Analyzer	Keysight	N9040B	MY62480133	2026-01-23	2027-01-23
Signal & Spectrum Analyzer	Keysight	N9020A	MY54482751	2025-10-16	2026-10-16
Signal & Spectrum Analyzer	Keysight	N9020A	MY54480472	2026-02-24	2027-02-24
Power Sensor	Rohde & Schwarz	NRP-Z85	102404	2026-01-19	2027-01-19
EMI Test Receiver	Rohde & Schwarz	ESU40	100469	2026-01-07	2027-01-07
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101318	2026-01-19	2027-01-19
Bi-log Antenna	Schwarzbeck	VULB9163	01843	2026-01-06	2027-01-06
Horn Antenna	RF SPIN	DRH18S	CE2F08A18S	2026-01-08	2027-01-08
Horn Antenna	Rohde & Schwarz	DRH40G20K	101356	2026-01-23	2027-01-23
Call Simulator	Rohde & Schwarz	CMX500	100198	2025-09-30	2026-09-30
Vector Signal Generator	Rohde & Schwarz	SMM100A	101593	2026-01-05	2027-01-05
Signal Generator	Rohde & Schwarz	SMC100A	104214	2026-02-10	2027-02-10
Temperature&Humidity Chamber	ENEX	EN-STH-604_1K	EN202510-03	2026-01-10	2027-01-10
DC Power supply	Rohde & Schwarz	NGC101	100740	2026-01-07	2027-01-07
Two-Line V-Network	Rohde & Schwarz	ENV216	103321	2026-01-09	2027-01-09
Temperature & Humidity Meter	TESTO	608-H2	86293672	2026-04-02	2027-04-02
Vector Network Analyzer	Rohde & Schwarz	ZNL20	101202	2026-01-28	2027-01-28
Conducted Test System	Various				
Radiated Test System	Various				

Table 8-2 Conducted Test System

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Power Splitter	Mini-Circuits	ZFRSC-183-S+	FA46402540-1	2026-01-16	2027-01-16
Power Splitter	Mini-Circuits	ZFRSC-183-S+	FA46402540-2	2026-01-16	2027-01-16
DC coupler	EXYNOD	EXDC-00504000	251201	2026-01-16	2027-01-16
DC coupler	EXYNOD	EXDC-00504000	251202	2026-01-16	2027-01-16
RF Attenuator	EXYNOD	10A	008	2026-01-05	2027-01-05
RF Attenuator	EXYNOD	SN0609	0609	2026-01-05	2027-01-05
RF Cable	OSI	PLH16D-EXD	RF Cable 1	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 2	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 3	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 4	-	-
RF Cable	Rosenberger	LU7	0062	-	-
RF Cable	Rosenberger	LU7	0083	-	-

Table 8-3 Radiated Test System

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Amplifier	EXYNOD	ELNA01-40D	631307	2026-01-05	2027-01-05
Amplifier	EXYNOD	ELNA18	33686	2026-01-05	2027-01-05
Amplifier	EXYNOD	ELNA40-50	631308	2026-01-05	2027-01-05
9000 MHz High Pass Filter	Mini-Circuits	ZHFW-K9000	2537	2026-01-29	2027-01-29
18000 MHz High Pass Filter	Mini-Circuits	ZHSS-K18G+	2546	2026-01-29	2027-01-29
RF Cable	OSI	LH18-EXD	AP_X1	-	-
RF Cable	OSI	LH18-EXD	AP_X2	-	-
RF Cable	OSI	E31-EXD	AP_X3	-	-
RF Cable	OSI	E31-EXD	AP_X4	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 5	-	-

Table 8-4 Test Accessories

Test Accessories Name	Brand	Model No.	Used For
Power Adapter	SamSung	EP-TA865	AC Line Conducted
Charger Cable (C-type)	SamSung	EP-DN980	AC Line Conducted

9. Conclusion

The RF evaluation indicates that the DUT is capable of compliance with the applicable FCC&ISED technical requirements for all parameters subject to this test. These measurements were performed under worst-case operating conditions to ensure representative results. Appropriate laboratory procedures were applied to ensure the repeatability and reliability of the measurements. The results and statements relate only to the item(s) tested.

10. Data Referencing Spot-Checks

10.1. Test Guidance Applied

KDB 484596 D01 Referencing test data

The spot-check for the variant device were conducted in accordance with FCC KDB 484596 D01. Using the same test procedures and configurations as the parent device, the results show that both devices perform approximately the same.

10.2. Parent Model Information

Parent Model FCC ID : A3LSMS741U

10.3. Variant Model Sample

Conducted Samples S/M(s) : ZEI0417M

Radiated Samples S/N(s) : ZEI0649M

10.4. Test Results Summary

The following is the spot-check data for the variant model based on the worst-case scenario of the parent model. Please refer to each test section for the worst-case configuration.

Table 10-1 Data Referencing Spot-checks Results Summary

Band	Test Item	Unit	Variant level V _{dB}	Parent level R _{dB}	Difference d _{dB}	Margin M _{dB}	Limit d _{dBMax} (M _{dB})	Pass Criterion [Pass / Fail]
LTE Band 25/2	Maximum E(I)RP	dBm	20.94	21.18	0.24	17.27	3.86	Pass
	Occupied Bandwidth	MHz	9.08	9.12	0.05	N/A	N/A	Pass
	Conducted Band Edge	dBm	-16.73	-15.16	1.57	2.16	3.11	Pass
	Radiated Spurious Emissions	dBm	-41.34	-40.79	0.55	27.79	4.39	Pass
	Maximum Output Power	dBm	24.19	24.71	0.52	N/A	N/A	Pass

10.5. Test Results

10.5.1. Radiated Power (EIRP)

Table 10-2 Radiated Power DATA

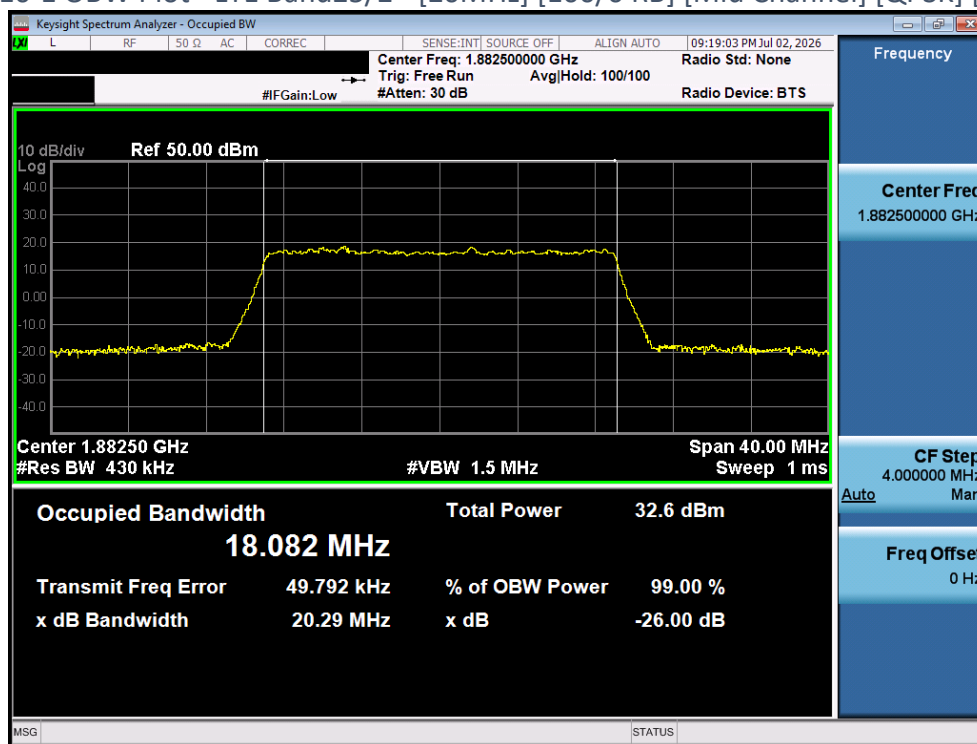
Band	Band Width [MHz]	Frequency [MHz]	RB Size/Offset	Modulation	Maximum EIRP [dBm]		Dev. [dB]
					Parent	Variant	
					Ant1	Ant1	
LTE Band 25/2	10	1882.5	1/25	QPSK	24.22	23.94	0.28

10.5.2. Occupied Bandwidth

Table 10-3 Occupied Bandwidth DATA

Band	Band Width [MHz]	Frequency [MHz]	RB Size/Offset	Modulation	Occupied Bandwidth [MHz]		Dev. [MHz]
					Parent	Variant	
					Ant1	Ant1	
LTE Band 25/2	20	1882.5	100/0	QPSK	18.02	18.08	0.07

Plot 10-1 OBW Plot - LTE Band25/2 - [20MHz] [100/0 RB] [Mid Channel] [QPSK] [Ant 1]



10.5.3. Conducted Band Edge

Table 10-4 Conducted Band Edge DATA

Band	Band Width [MHz]	Frequency [MHz]	RB Size/Offset	Modulation	Conducted Band Edge [dBm]		Dev. [dB]
					Parent	Variant	
					Ant1	Ant1	
LTE Band 25/2	3	1913.5	15/0	QPSK	-17.20	-17.04	0.16

Plot 10-2 CBE Plot - LTE Band25/2 - [3 MHz] [15/0 RB] [High Channel] [QPSK] [Ant 1]

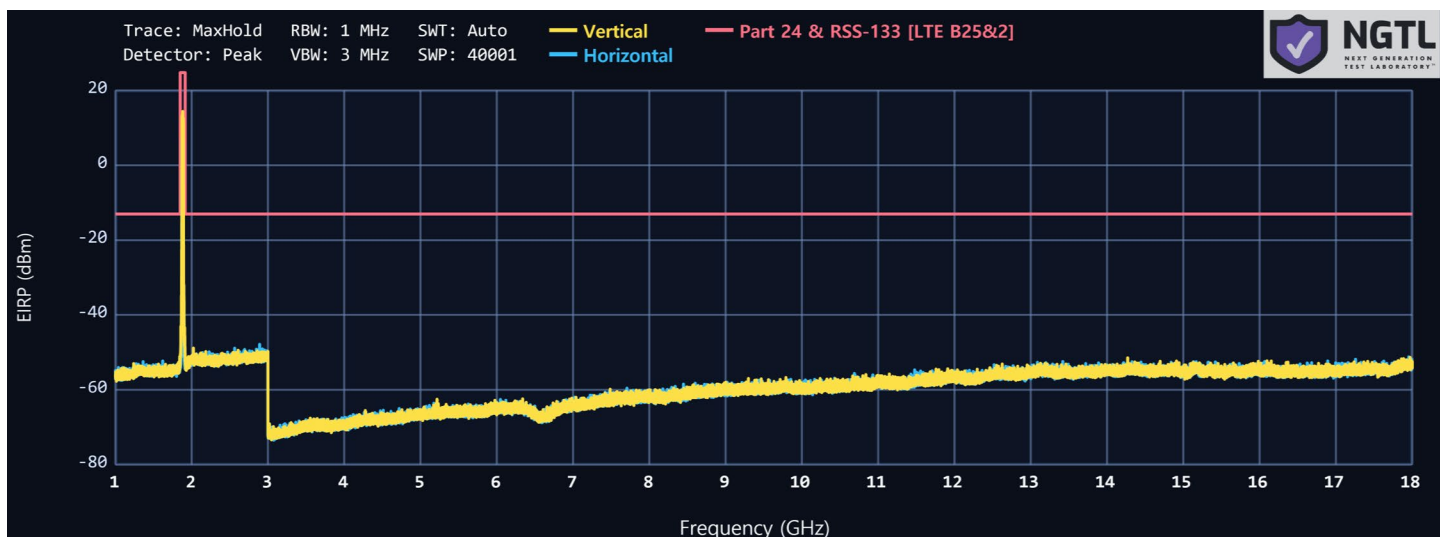


10.5.4. Radiated Spurious Emissions

Table 10-5 Radiated Spurious Emissions Above 1GHz DATA

Band	Band Width [MHz]	Frequency [MHz]	RB Size/Offset	Modulation	Radiated Spurious Emissions [dBm]		Dev. [dB]
					Parent	Variant	
					Ant2	Ant2	
LTE Band 25/2	20	1882.5	1/50	QPSK	-62.55	-62.72	0.17

Plot 10-3 RSE Plot - LTE Band25/2 - [20MHz] [1/20 RB] [Mid Channel] [QPSK] [Ant 2]



Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 25/2 ANT 2	1882.5	7 530.10	44.64 (NF)	H	PK	-12.16	-62.72	-13.00	-49.72

*NF : Noise Floor

10.5.5. Maximum Output Power

Table 10-6 Maximum Output Power DATA

Band	Band Width [MHz]	Frequency [MHz]	RB Size/Offset	Modulation	Maximum Output Power [dBm]		Dev. [dB]
					Parent	Variant	
					Ant1	Ant1	
LTE Band 25/2	1.4	1850.7	1/3	QPSK	24.33	24.02	0.31

APPENDIX A - The Maximum Output Power

1) Reference Rule

§2.1046(a)

2) Test Method

ANSI C63.26-2015, clause 5.2.4.2

3) Test Procedure

The call simulator was used to control the EUT for RF power measurements.

The procedure for this method is follows :

- a) Connect the DUT to a wideband gated RF power meter.
- b) Apply an offset to the power meter to compensate for the insertion losses of the cables and attenuators connected between the DUT and the power sensor.
- c) Configure the DUT to transmit at its maximum power control level.
- d) Adjust the gate parameters on the power meter to ensure that the power is measured strictly during the active transmission of the DUT.

Test Note

- ✓ The output power was measured during the transmitter ON time at the maximum power control level using a gated RF power meter. No duty cycle correction factor was applied.
- ✓ The Output Power unit is dBm

Conducted Output Power LTE Band25/2 – ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1860	1882.5	1905
20	QPSK	1	0	26140	26365	26590
		1	50	24.16	24.01	24.04
		1	99	24.18	24.23	23.76
		1	99	24.02	24.03	23.78
	16QAM	100	0	23.00	23.08	22.81
		1	0	23.24	23.16	23.04
		1	50	23.21	22.96	22.92
		1	99	23.07	23.17	22.79
		100	0	22.01	22.07	21.79
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1857.5	1882.5	1907.5
15	QPSK	1	0	26115	26365	26615
		1	36	24.17	24.05	23.82
		1	74	24.05	24.15	23.71
		1	74	23.97	23.96	23.76
	16QAM	75	0	23.09	23.15	22.78
		1	0	23.33	23.14	22.97
		1	36	23.11	23.06	22.94
		1	74	23.09	23.12	22.87
		75	0	22.05	22.11	21.73
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1855	1882.5	1910
10	QPSK	1	0	26090	26365	26640
		1	25	24.12	24.04	23.78
		1	49	24.03	24.29	23.93
		1	49	24.02	24.03	23.79
	16QAM	50	0	23.04	23.03	22.75
		1	0	23.28	23.16	22.88
		1	25	23.34	23.35	22.98
		1	49	23.13	23.14	22.92
		50	0	22.06	22.07	21.74
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1852.5	1882.5	1912.5
5	QPSK	1	0	26065	26365	26665
		1	12	24.11	23.98	23.81
		1	24	23.94	23.88	23.69
		1	24	24.08	23.98	23.78
	16QAM	25	0	23.04	23.01	22.75
		1	0	23.36	23.21	22.76
		1	12	23.27	23.13	23.06
		1	24	23.26	23.17	22.98
		25	0	22.01	22.04	21.76
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1851.5	1882.5	1913.5
3	QPSK	1	0	26055	26365	26675
		1	7	24.14	23.94	23.75
		1	14	24.24	23.94	23.58
		1	14	24.03	23.98	23.72
	16QAM	15	0	23.06	22.96	22.71
		1	0	23.31	23.13	22.87
		1	7	23.31	23.26	23.05
		1	14	23.18	23.14	22.82
		15	0	22.07	21.98	21.76
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1850.7	1882.5	1914.3
1.4	QPSK	1	0	26047	26365	26683
		1	3	24.14	24.06	23.76
		1	5	24.33	24.25	23.75
		1	5	24.16	24.03	23.76
	16QAM	6	0	23.09	23.01	22.71
		1	0	23.32	23.14	22.84
		1	3	23.36	23.27	22.97
		1	5	23.26	23.19	22.85
		6	0	22.16	22.08	21.82

Conducted Output Power LTE Band25/2 – ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1860	1882.5	1905
20	QPSK	1	0	26140	26365	26590
		1	50	23.92	23.71	23.56
		1	99	23.86	23.64	23.78
		1	99	23.85	23.62	23.68
	16QAM	100	0	22.87	22.66	22.64
		1	0	22.86	22.82	22.75
		1	50	22.95	22.82	22.81
		1	99	22.81	22.66	22.76
		100	0	21.86	21.68	21.65
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1857.5	1882.5	1907.5
15	QPSK	1	0	26115	26365	26615
		1	36	23.94	23.71	23.63
		1	74	23.95	23.51	23.66
		1	74	23.81	23.59	23.78
	16QAM	75	0	22.92	22.62	22.65
		1	0	23.00	22.84	22.74
		1	36	22.98	22.86	22.85
		1	74	22.97	22.72	22.76
		75	0	21.90	21.59	21.76
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1855	1882.5	1910
10	QPSK	1	0	26090	26365	26640
		1	25	23.84	23.68	23.62
		1	49	23.84	23.91	23.75
		1	49	23.90	23.64	23.70
	16QAM	50	0	22.93	22.66	22.64
		1	0	23.02	22.79	22.79
		1	25	23.15	23.05	22.81
		1	49	23.05	22.75	22.79
		50	0	21.91	21.70	21.63
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1852.5	1882.5	1912.5
5	QPSK	1	0	26065	26365	26665
		1	12	23.78	23.61	23.47
		1	24	22.74	23.52	23.48
		1	24	23.69	23.43	23.52
	16QAM	25	0	22.78	22.54	22.47
		1	0	22.89	22.81	22.66
		1	12	22.83	22.71	22.62
		1	24	22.90	22.62	22.71
		25	0	21.76	21.51	21.53
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1851.5	1882.5	1913.5
3	QPSK	1	0	26055	26365	26675
		1	7	23.86	23.65	23.85
		1	7	23.82	23.59	23.89
		1	14	23.88	23.63	23.84
	16QAM	15	0	22.84	22.65	22.54
		1	0	22.91	22.84	22.99
		1	7	23.06	22.78	22.91
		1	14	22.97	22.75	22.94
		15	0	21.86	21.64	21.51
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1850.7	1882.5	1914.3
1.4	QPSK	1	0	26047	26365	26683
		1	3	24.17	23.97	23.91
		1	5	24.26	23.93	23.88
		1	5	24.16	23.89	23.77
	16QAM	6	0	23.17	22.94	22.89
		1	0	23.24	22.97	22.93
		1	3	23.39	23.03	23.02
		1	5	23.18	23.01	22.93
		6	0	22.19	21.98	21.91

End of Test Report.