

Table 5-7 Radiated Power - LTE Band 66/4 Ant 1

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]
							1720	1745	1770		
							132072	132322	132572		
20	QPSK	V	1.08	321	1	0	24.17	24.66	24.23	30	-5.34
		V	1.08	322	1	50	24.44	24.61	24.43		-5.39
		V	1.08	328	1	99	24.57	24.20	23.94		-5.43
		V	1.08	328	100	0	23.58	23.63	23.44		-6.37
	16QAM	V	1.08	321	1	0	23.28	23.74	23.38		-6.26
		V	1.08	322	1	50	23.56	23.78	23.58		-6.22
		V	1.08	328	1	99	23.87	23.43	23.10		-6.13
		V	1.08	328	100	0	22.54	22.58	22.35		-7.42
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]
							1717.5	1745	1772.5		
							132047	132322	132597		
15	QPSK	V	1.08	321	1	0	24.07	24.57	24.27	30	-5.43
		V	1.08	322	1	36	24.52	24.35	23.08		-5.48
		V	1.08	328	1	74	24.53	24.08	23.87		-5.47
		V	1.08	328	75	0	23.60	23.62	23.44		-6.38
	16QAM	V	1.08	321	1	0	23.28	23.69	23.52		-6.31
		V	1.08	322	1	36	23.44	23.65	23.43		-6.35
		V	1.08	328	1	74	23.91	23.30	23.19		-6.09
		V	1.08	328	75	0	22.42	22.52	22.31		-7.48
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]
							1715	1745	1775		
							132022	132322	132622		
10	QPSK	V	1.08	321	1	0	24.09	24.61	24.40	30	-5.39
		V	1.08	322	1	25	24.66	24.37	24.45		-5.34
		V	1.08	328	1	49	24.64	24.11	23.84		-5.36
		V	1.08	328	50	0	23.57	23.52	23.41		-6.43
	16QAM	V	1.08	321	1	0	23.28	23.69	23.67		-6.31
		V	1.08	322	1	25	23.56	23.65	23.87		-6.13
		V	1.08	328	1	49	24.04	23.32	23.18		-5.96
		V	1.08	328	50	0	22.45	22.53	22.33		-7.47
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]
							1712.5	1745	1777.5		
							131997	132322	132647		
5	QPSK	V	1.08	321	1	0	23.99	24.53	24.49	30	-5.47
		V	1.08	322	1	12	24.52	24.17	24.09		-5.48
		V	1.08	328	1	24	24.74	24.10	23.85		-5.26
		V	1.08	328	25	0	23.62	23.48	23.47		-6.38
	16QAM	V	1.08	321	1	0	23.29	23.75	23.82		-6.18
		V	1.08	322	1	12	23.62	23.49	23.71		-6.29
		V	1.08	328	1	24	24.20	23.39	23.21		-5.80
		V	1.08	328	25	0	22.47	22.54	22.43		-7.46
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]
							1711.5	1745	1778.5		
							131987	132322	132657		
3	QPSK	V	1.08	321	1	0	24.01	24.48	24.56	30	-5.44
		V	1.08	322	1	7	24.41	24.27	24.39		-5.59
		V	1.08	328	1	14	24.74	24.06	23.94		-5.26
		V	1.08	328	15	0	23.59	23.42	23.50		-6.41
	16QAM	V	1.08	321	1	0	23.21	23.66	23.79		-6.21
		V	1.08	322	1	7	23.57	23.56	23.79		-6.21
		V	1.08	328	1	14	24.03	23.29	23.11		-5.97
		V	1.08	328	15	0	22.45	22.46	22.43		-7.54
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]
							1710.7	1745	1779.3		
							131979	132322	132665		
1.4	QPSK	V	1.08	321	1	0	24.10	24.42	24.49	30	-5.51
		V	1.08	322	1	3	24.60	24.31	24.46		-5.40
		V	1.08	328	1	5	24.65	24.09	23.90		-5.35
		V	1.08	328	6	0	23.57	23.51	23.50		-6.43
	16QAM	V	1.08	321	1	0	23.17	23.64	23.87		-6.13
		V	1.08	322	1	3	23.56	23.59	23.76		-6.24
		V	1.08	328	1	5	24.08	23.30	23.21		-5.92
		V	1.08	328	6	0	22.60	22.58	22.44		-7.40

Table 5-8 Radiated Power - LTE Band 66/4 Ant 2

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]
							1720	1745	1770		
							132072	132322	132572		
20	QPSK	H	2.51	42	1	0	22.82	22.15	20.93	30	-7.18
		H	2.51	43	1	50	22.58	21.38	19.97		-7.42
		H	2.51	45	1	99	22.54	20.28	18.67		-7.46
		H	2.51	41	100	0	21.83	20.50	19.37		-8.17
	16QAM	H	2.51	42	1	0	21.93	21.25	19.97		-8.07
		H	2.51	43	1	50	21.77	20.55	18.95		-8.23
		H	2.51	45	1	99	21.76	19.33	17.84		-8.24
		H	2.51	41	100	0	20.75	19.45	18.25		-9.25
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]
							1717.5	1745	1772.5		
							132047	132322	132597		
15	QPSK	H	2.51	42	1	0	22.58	22.09	20.92	30	-7.42
		H	2.51	43	1	36	22.57	21.06	20.12		-7.43
		H	2.51	45	1	74	22.60	20.22	18.68		-7.40
		H	2.51	41	75	0	21.97	20.57	19.47		-8.03
	16QAM	H	2.51	42	1	0	21.93	21.34	20.07		-8.07
		H	2.51	43	1	36	21.67	20.85	18.84		-8.33
		H	2.51	45	1	74	21.86	19.20	17.85		-8.14
		H	2.51	41	75	0	20.90	19.51	18.34		-9.10
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]
							1715	1745	1775		
							132022	132322	132622		
10	QPSK	H	2.51	42	1	0	22.83	22.10	20.81	30	-7.17
		H	2.51	43	1	25	22.59	21.16	19.82		-7.41
		H	2.51	45	1	49	22.65	20.32	18.65		-7.35
		H	2.51	41	50	0	21.94	20.51	19.35		-8.06
	16QAM	H	2.51	42	1	0	21.94	21.36	20.05		-8.06
		H	2.51	43	1	25	21.83	21.06	18.85		-8.17
		H	2.51	45	1	49	21.87	19.33	17.83		-8.13
		H	2.51	41	50	0	20.86	19.46	18.18		-9.14
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]
							1712.5	1745	1777.5		
							131997	132322	132647		
5	QPSK	H	2.51	42	1	0	22.73	21.91	20.79	30	-7.27
		H	2.51	43	1	12	22.29	21.04	19.84		-7.71
		H	2.51	45	1	24	22.64	20.30	18.59		-7.36
		H	2.51	41	25	0	21.92	20.44	19.32		-8.08
	16QAM	H	2.51	42	1	0	21.92	21.19	20.13		-8.08
		H	2.51	43	1	12	21.76	20.96	18.85		-8.24
		H	2.51	45	1	24	21.91	19.42	17.89		-8.09
		H	2.51	41	25	0	20.89	19.39	18.15		-9.11
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]
							1711.5	1745	1778.5		
							131987	132322	132657		
3	QPSK	H	2.51	42	1	0	22.71	21.88	20.76	30	-7.29
		H	2.51	43	1	7	22.53	21.17	19.84		-7.47
		H	2.51	45	1	14	22.68	20.28	18.58		-7.32
		H	2.51	41	15	0	21.86	20.42	19.26		-8.14
	16QAM	H	2.51	42	1	0	21.82	21.10	19.94		-8.18
		H	2.51	43	1	7	21.74	20.72	18.95		-8.26
		H	2.51	45	1	14	21.92	19.22	17.81		-8.08
		H	2.51	41	15	0	20.78	19.34	18.16		-9.22
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]
							1710.7	1745	1779.3		
							131979	132322	132665		
1.4	QPSK	H	2.51	42	1	0	22.74	21.86	20.89	30	-7.26
		H	2.51	43	1	3	22.64	21.18	19.86		-7.36
		H	2.51	45	1	5	22.69	20.32	18.54		-7.31
		H	2.51	41	6	0	21.88	20.46	19.33		-8.12
	16QAM	H	2.51	42	1	0	21.81	21.10	20.02		-8.19
		H	2.51	43	1	3	21.89	20.69	18.90		-8.11
		H	2.51	45	1	5	21.91	19.22	17.79		-8.09
		H	2.51	41	6	0	20.80	19.46	18.34		-9.20

5.5. Radiated Spurious Emissions

5.5.1. Regulatory Limit

§Part. 27.53(c) & RSS-130(4.7) For LTE Band 13

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$ (watts), dB

§Part. 27.53(f)

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

§Part. 27.53(g) & RSS-130(4.7.1) For LTE Band 71, Band 12

The power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB.

§Part. 27.53(h) & RSS-139(5.6) For LTE Band 66/4

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB

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:

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

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

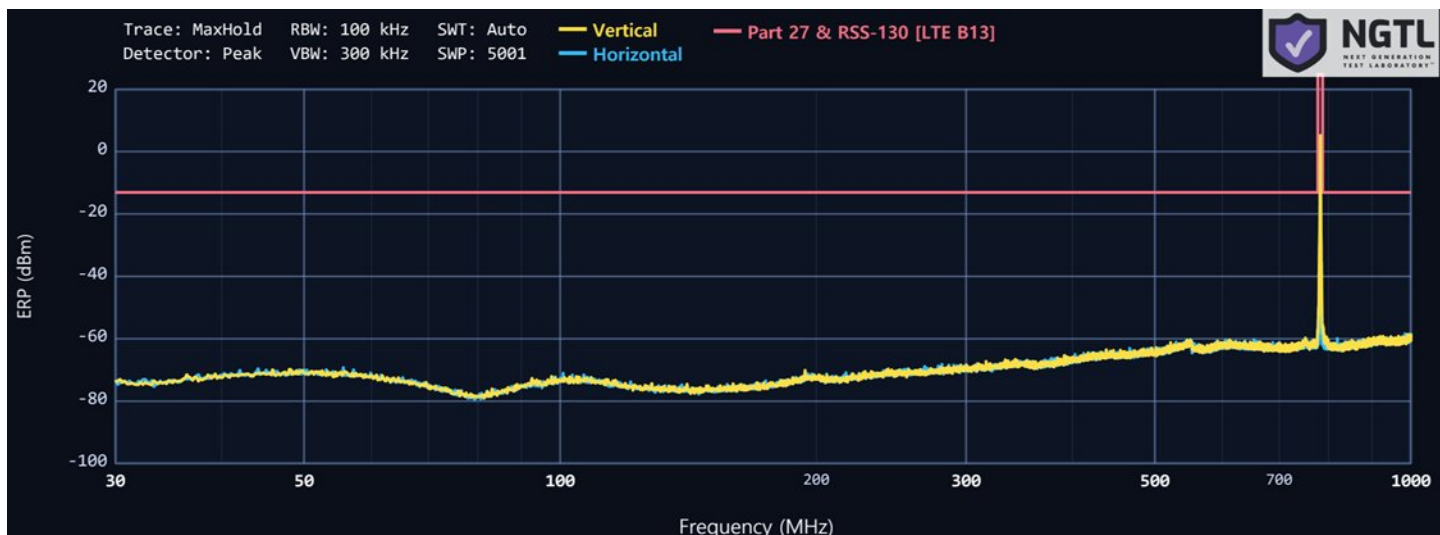
where D is the measurement distance (in the far field region) in m.

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.
- ✓ Radiated spurious emissions testing from 1 GHz to 18 GHz was performed across the Low, Mid, and High channels. No emissions were detected within 20 dB of the applicable limit above 18 GHz. In accordance with ANSI C63.26, the results above 18 GHz are excluded from this report. Representative plots are provided for selected bands to demonstrate that only the measurement system noise floor was observed in this frequency range.

5.5.5. Test Results

Plot 5-1 RSE Below 1GHz PLOT - LTE Band13 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-2 RSE Above 1GHz PLOT - LTE Band13 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 1]

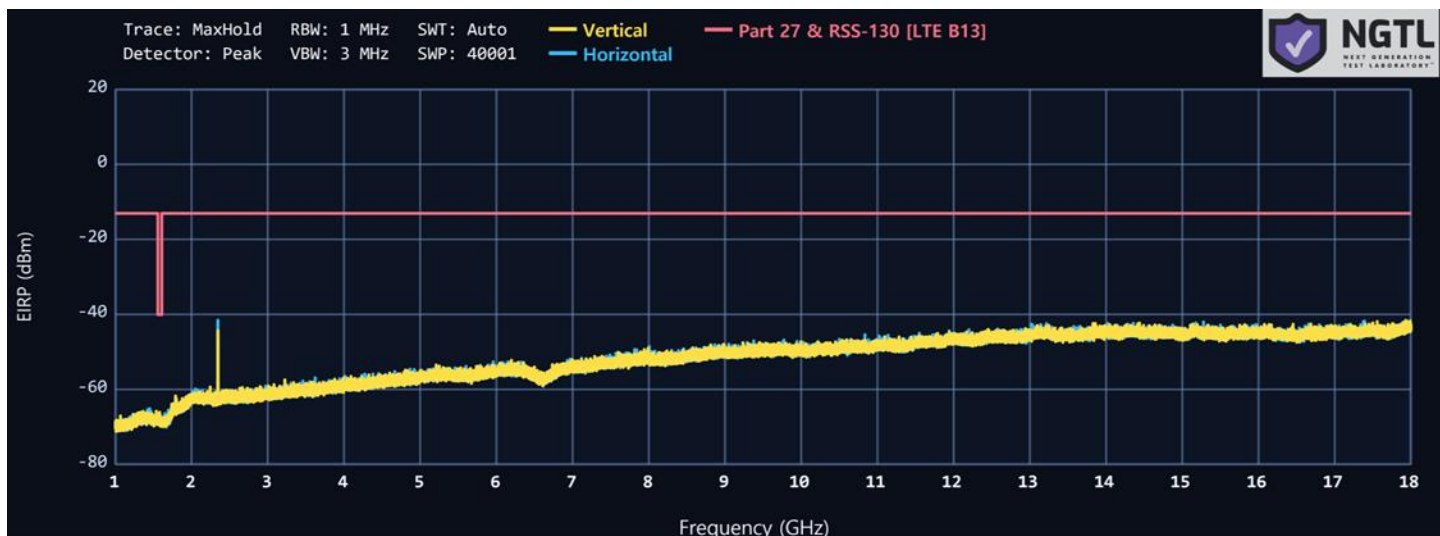


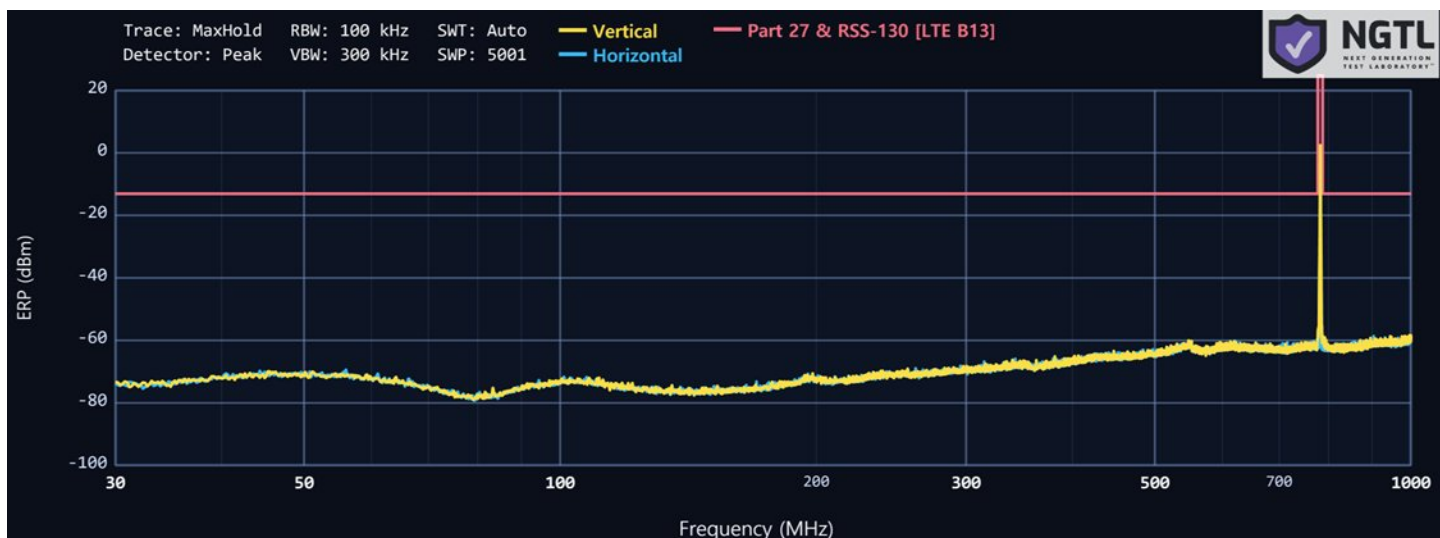
Table 5-9 Radiated Spurious Emissions Below 1GHz DATA - LTE Band 13 ANT 1

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 13 ANT 1	782.0	950.13	55.87	H	PK	-21.40	-60.73	-13.00	-47.73
		965.97	54.16	V	PK	-21.74	-62.78	-13.00	-49.78

Table 5-10 Radiated Spurious Emissions Above 1GHz DATA – LTE Band 13 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 13 ANT 1	782.0	1 563.21	41.92	H	PK	-14.26	-67.54	-13.00	-54.54
		2 346.91	64.47	H	PK	-14.26	-44.99	-13.00	-31.99
		3 128.52	44.19	H	PK	-11.81	-62.82	-13.00	-49.82

Plot 5-3 RSE Below 1GHz PLOT - LTE Band13 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 2]



Plot 5-4 RSE Above 1GHz PLOT - LTE Band13 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 2]

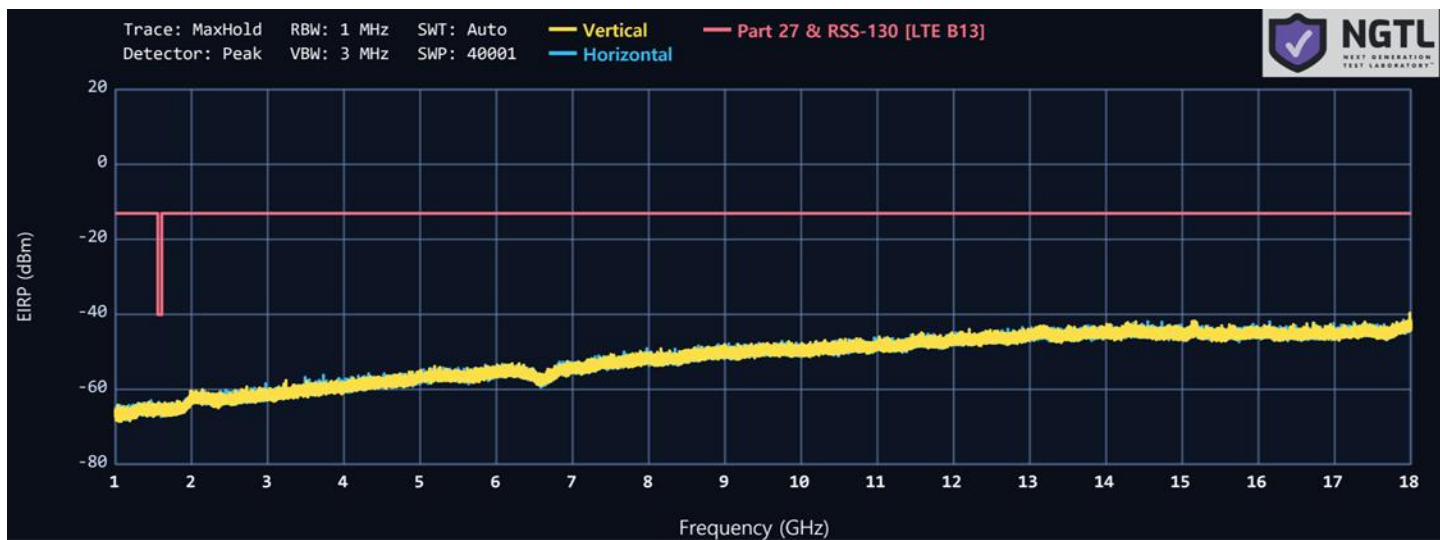


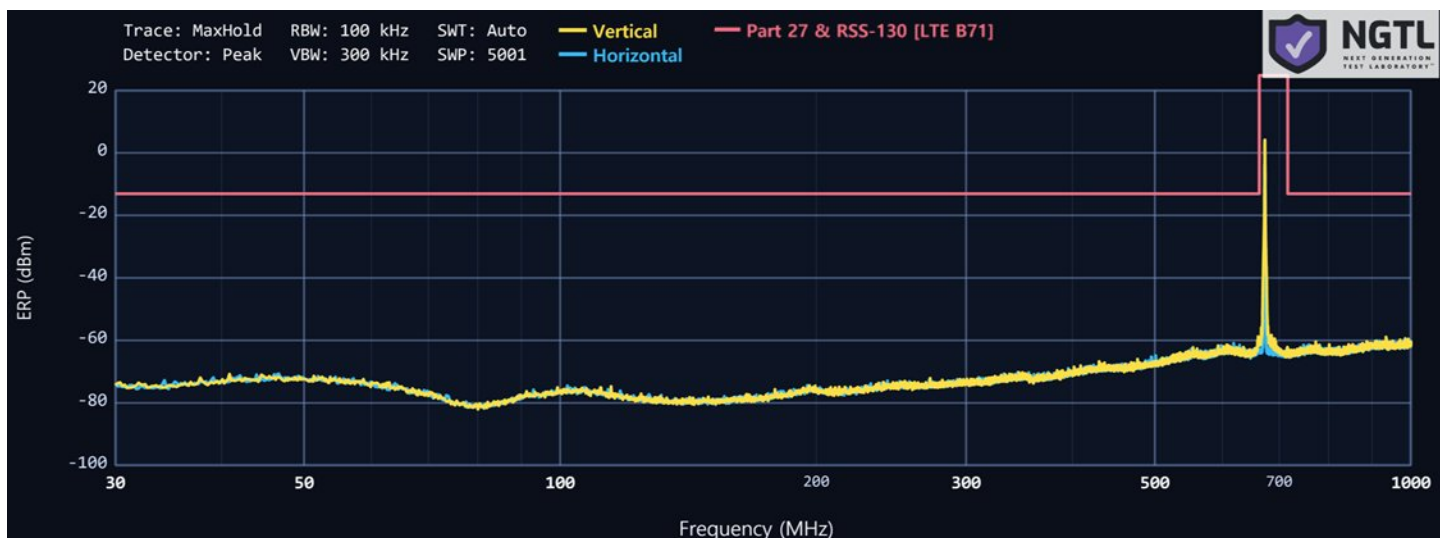
Table 5-11 Radiated Spurious Emissions Below 1GHz DATA - LTE Band13 - ANT 2

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 13 ANT 2	782.0	965.44	56.29	H	PK	-21.72	-60.63	-13.00	-47.63
		985.80	54.55	V	PK	-22.10	-62.75	-13.00	-49.75

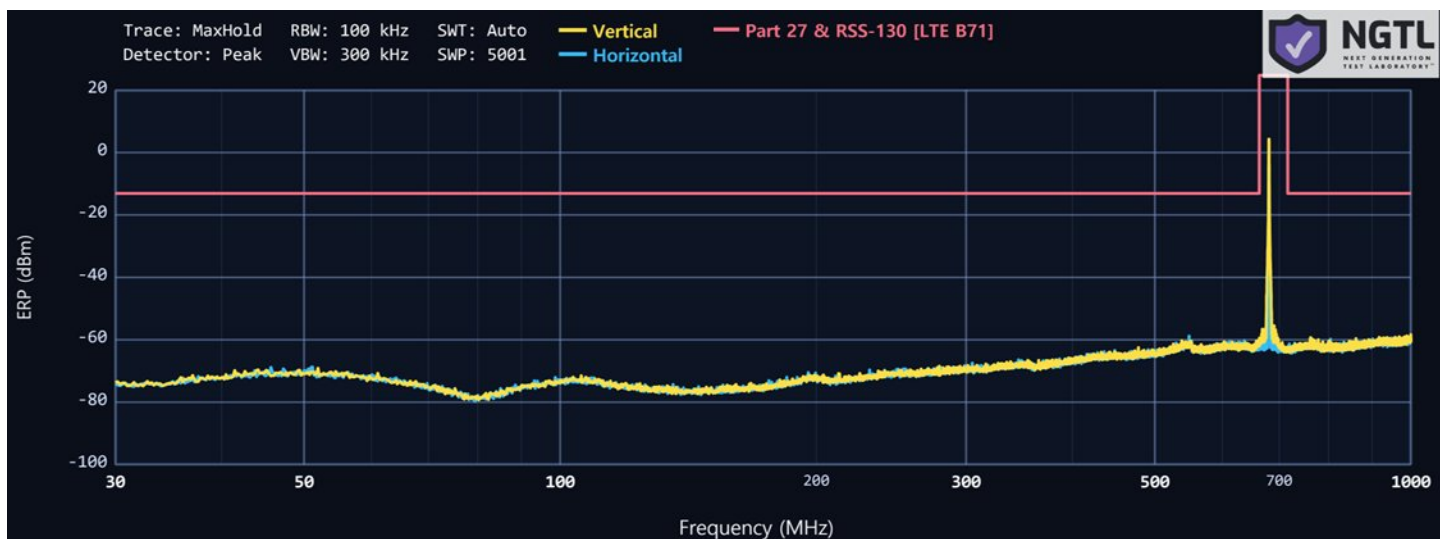
Table 5-12 Radiated Spurious Emissions Above 1GHz DATA - LTE Band13 - ANT 2

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 13 ANT 2	782.0	1 563.77	43.55	H	PK	-14.26	-65.91	-13.00	-52.91
		2 345.46	43.59	H	PK	-11.81	-63.42	-13.00	-50.42
		3 128.98	44.29	H	PK	-10.27	-61.18	-13.00	-48.18

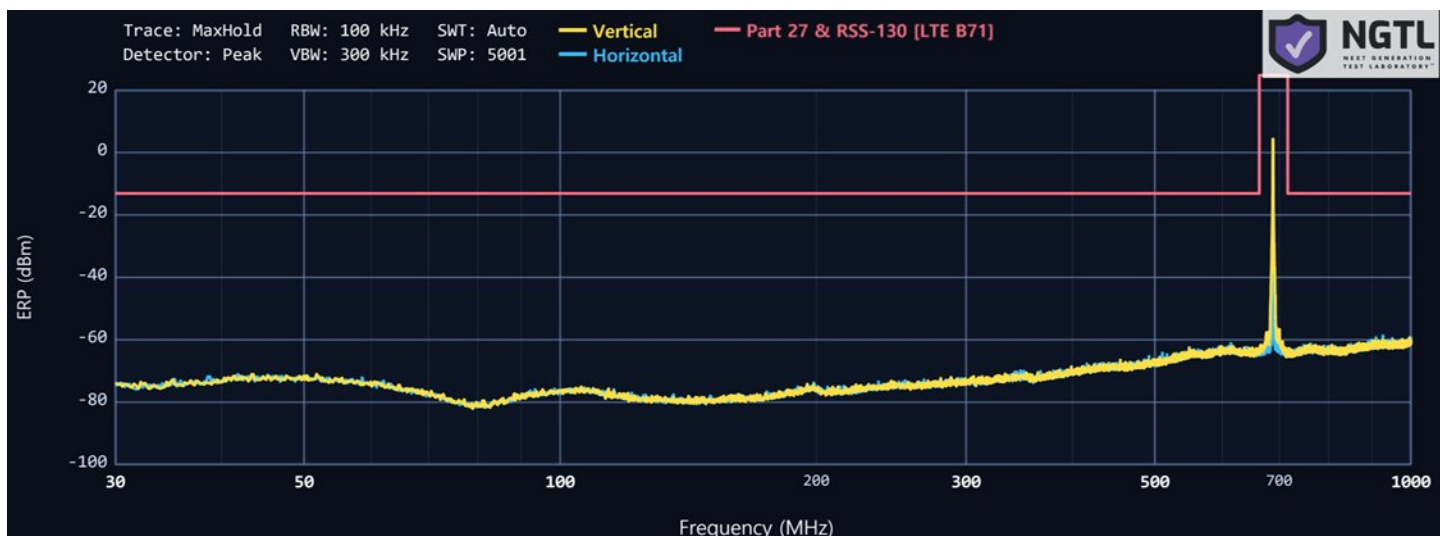
Plot 5-5 RSE Below 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [Low Channel] [QPSK] [ANT 1]



Plot 5-6 RSE Below 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-7 RSE Below 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [High Channel] [QPSK] [ANT 1]



Plot 5-8 RSE Above 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 1]

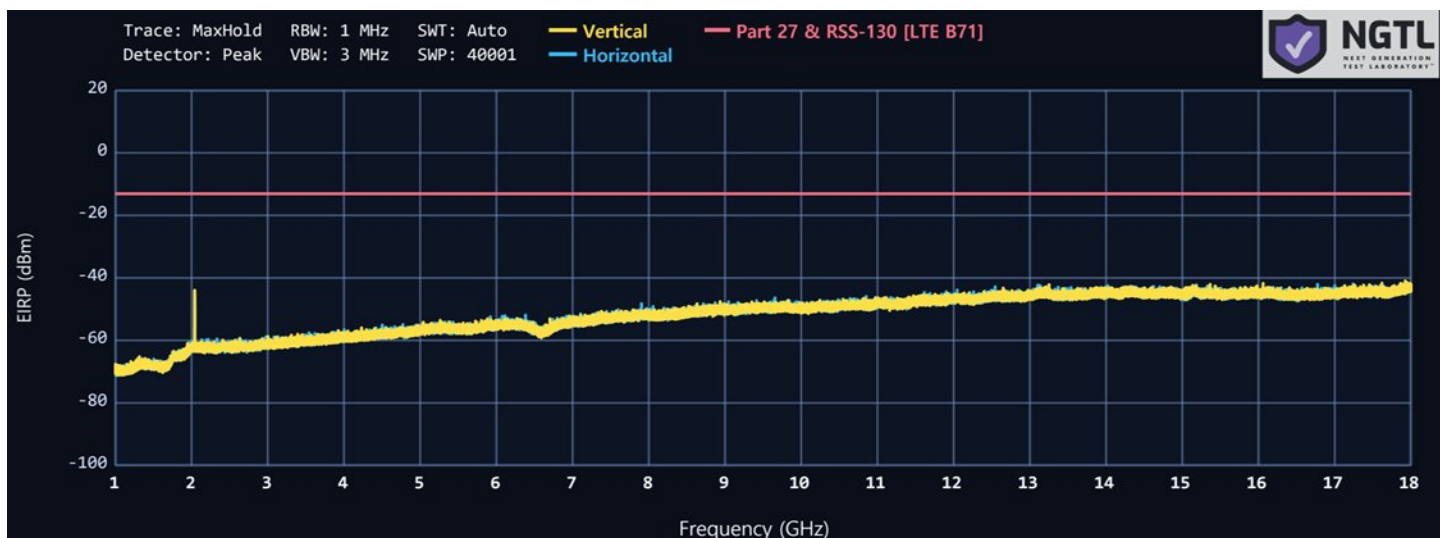


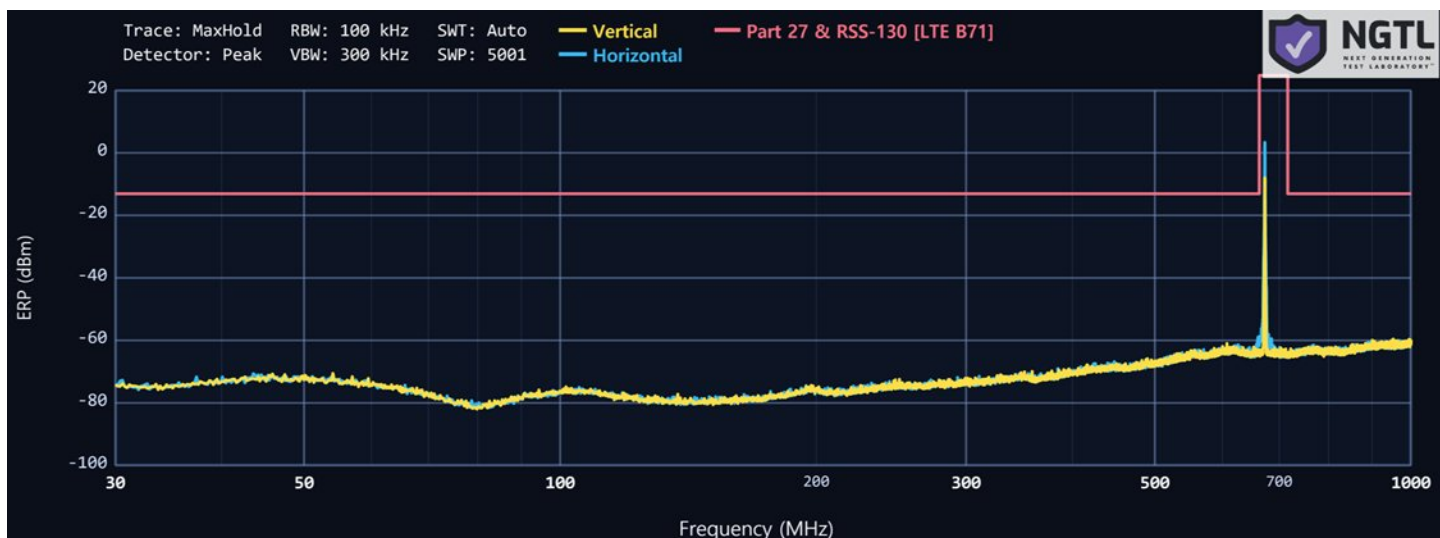
Table 5-13 Radiated Spurious Emissions Below 1GHz DATA - LTE Band71 - ANT 1

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 71 ANT 1	673.0	947.12	52.98	H	PK	-21.23	-63.45	-13.00	-50.45
		961.42	54.77	V	PK	-21.63	-62.06	-13.00	-49.06
	680.5	958.13	55.90	H	PK	-21.56	-60.86	-13.00	-47.86
		980.62	54.70	V	PK	-22.10	-62.60	-13.00	-49.60
	688.0	945.17	53.37	H	PK	-21.11	-62.94	-13.00	-49.94
		967.88	53.71	V	PK	-21.82	-63.31	-13.00	-50.31

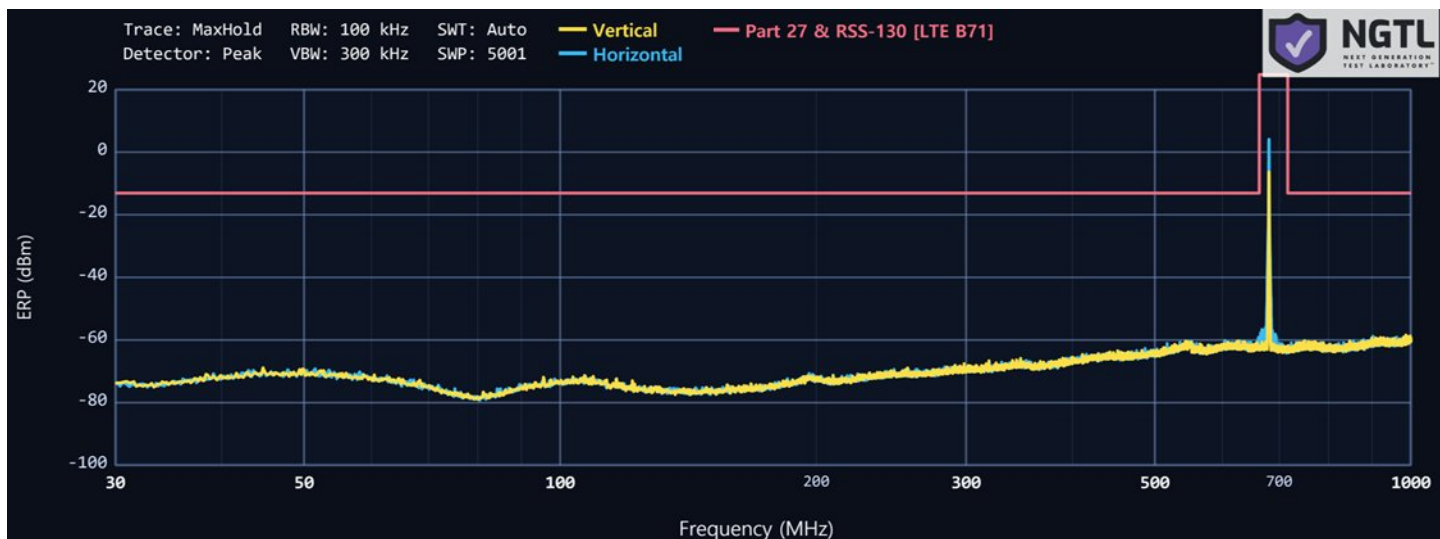
Table 5-14 Radiated Spurious Emissions Above 1GHz DATA - LTE Band71 - ANT 1

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 71 ANT 1	673.0	1 346.64	41.71	H	PK	-14.21	-67.70	-13.00	-54.70
		2 018.76	61.92	H	PK	-11.22	-44.50	-13.00	-31.50
		2 691.20	44.50	H	PK	-10.98	-61.68	-13.00	-48.68
	680.5	1 361.11	40.53	H	PK	-14.24	-68.91	-13.00	-55.91
		2 042.39	61.59	H	PK	-11.13	-44.74	-13.00	-31.74
		2 721.29	44.48	H	PK	-11.09	-61.81	-13.00	-48.81
	688.0	1 376.60	40.85	H	PK	-14.31	-68.66	-13.00	-55.66
		2 064.19	62.43	H	PK	-11.21	-43.98	-13.00	-30.98
		2 752.64	45.45	H	PK	-11.19	-60.94	-13.00	-47.94

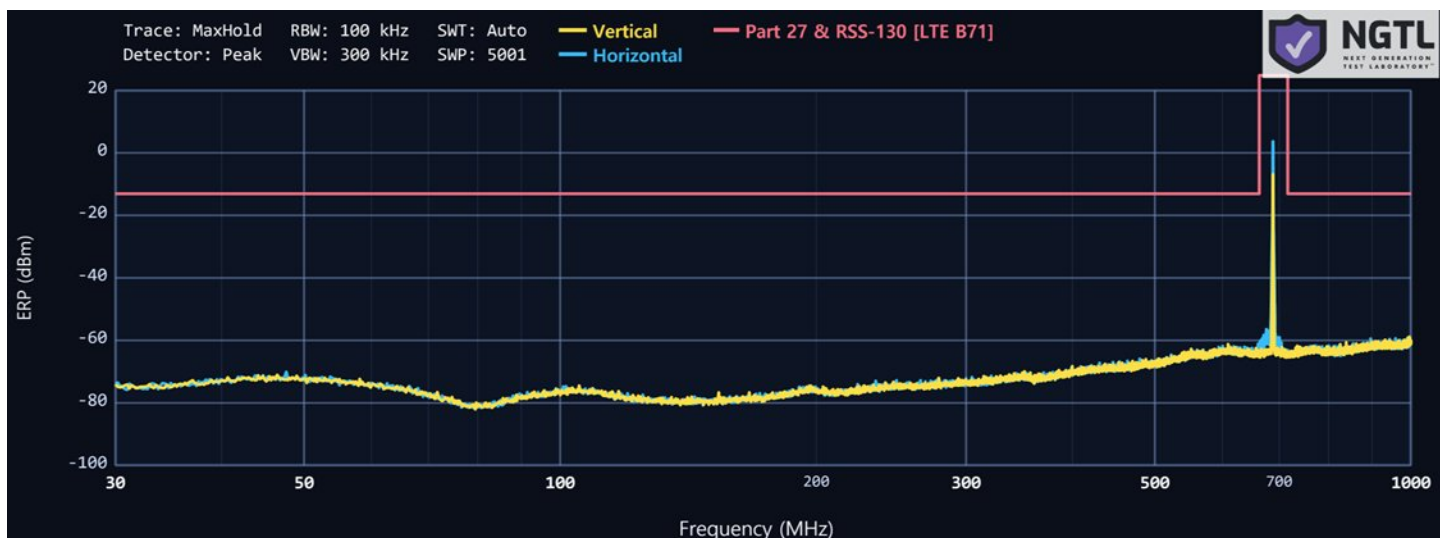
Plot 5-9 RSE Below 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [Low Channel] [QPSK] [ANT 2]



Plot 5-10 RSE Below 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 2]



Plot 5-11 RSE Below 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [High Channel] [QPSK] [ANT 2]



Plot 5-12 RSE Above 1GHz PLOT - LTE Band71 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 2]

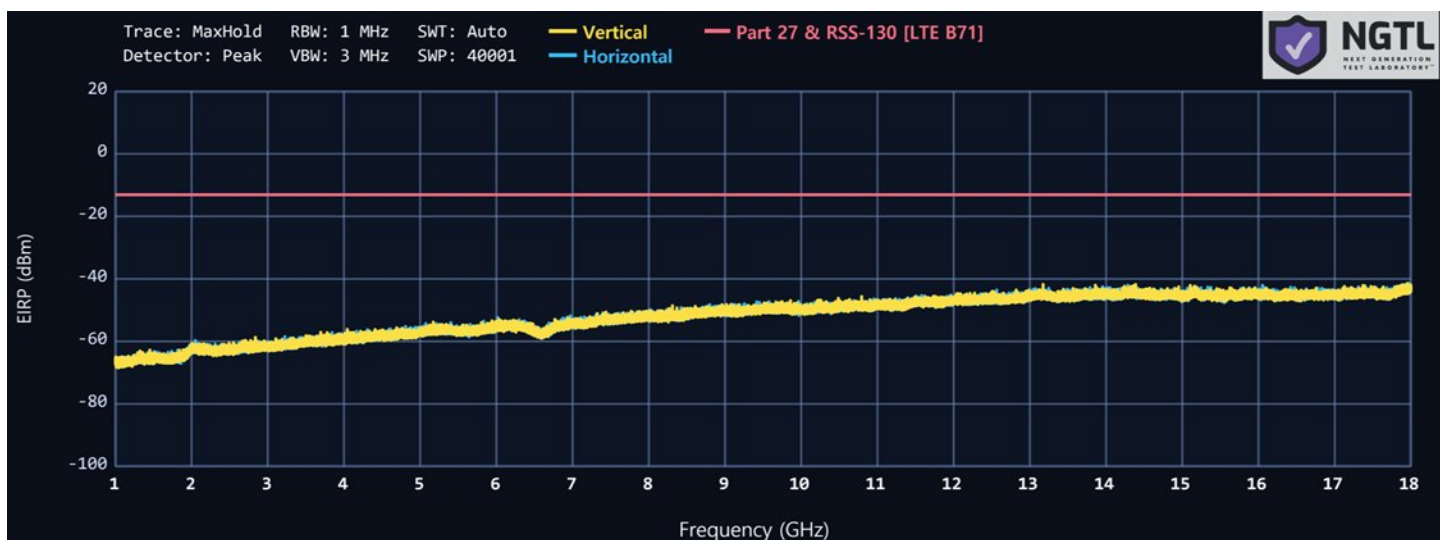


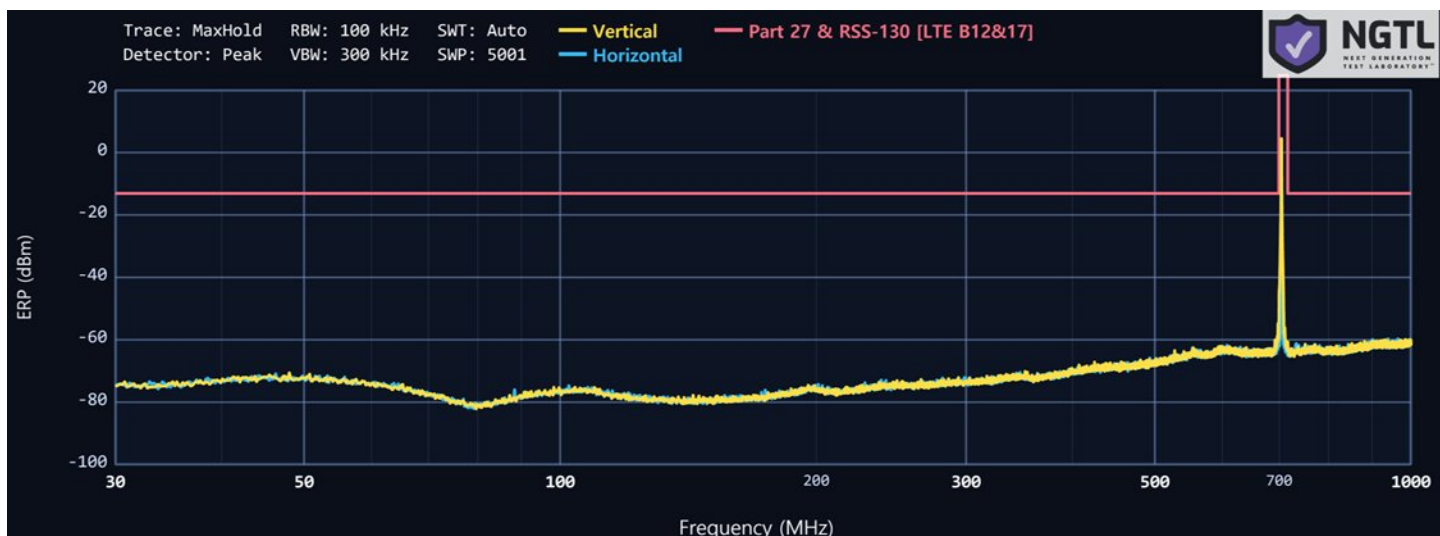
Table 5-15 RSE Below 1GHz DATA - LTE Band71 - ANT 2

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 71 ANT 2	673.0	945.32	54.12	H	PK	-21.12	-62.20	-13.00	-49.20
		964.95	53.13	V	PK	-21.70	-63.77	-13.00	-50.77
	680.5	960.95	56.46	H	PK	-21.62	-60.36	-13.00	-47.36
		991.28	56.02	V	PK	-22.10	-61.28	-13.00	-48.28
	688.0	946.42	53.80	H	PK	-21.19	-62.59	-13.00	-49.59
		964.34	54.77	V	PK	-21.69	-62.12	-13.00	-49.12

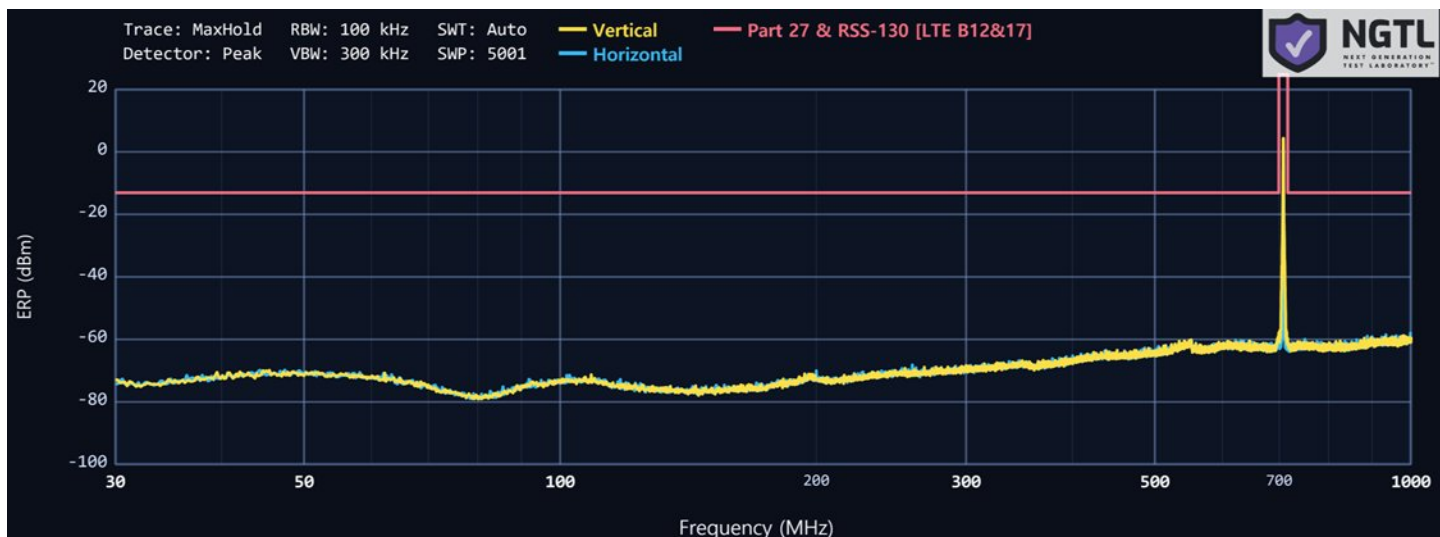
Table 5-16 RSE Emissions Above 1GHz DATA - LTE Band71 - ANT 2

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 71 ANT 2	673.0	1 345.58	42.01	H	PK	-14.21	-67.40	-13.00	-54.40
		2 018.42	44.12	H	PK	-11.23	-62.31	-13.00	-49.31
		2 692.04	45.33	H	PK	-10.98	-60.85	-13.00	-47.85
	680.5	1 361.70	40.70	H	PK	-14.25	-68.75	-13.00	-55.75
		2 041.35	44.88	H	PK	-11.13	-61.45	-13.00	-48.45
		2 722.93	44.55	H	PK	-11.09	-61.74	-13.00	-48.74
	688.0	1 376.09	40.50	H	PK	-14.30	-69.00	-13.00	-56.00
		2 063.12	43.06	H	PK	-11.20	-63.34	-13.00	-50.34
		2 751.50	45.45	H	PK	-11.20	-60.95	-13.00	-47.95

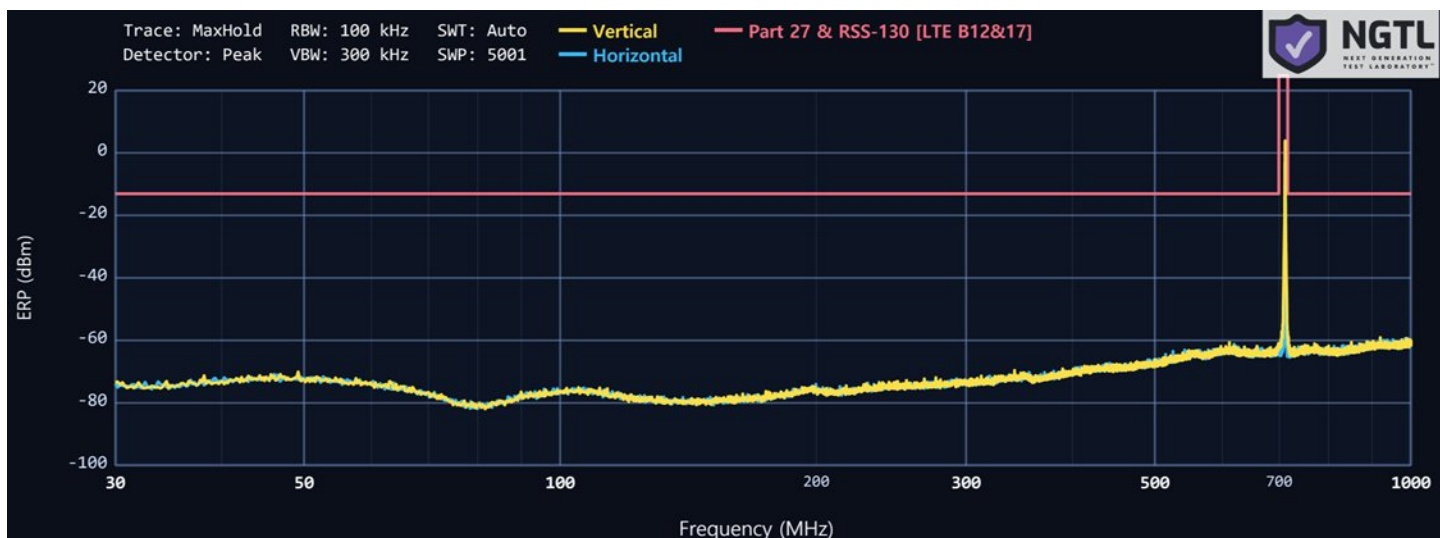
Plot 5-13 RSE Below 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [Low Channel] [QPSK] [ANT 1]



Plot 5-14 RSE Below 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-15 RSE Below 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [High Channel] [QPSK] [ANT 1]



Plot 5-16 RSE Above 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 1]

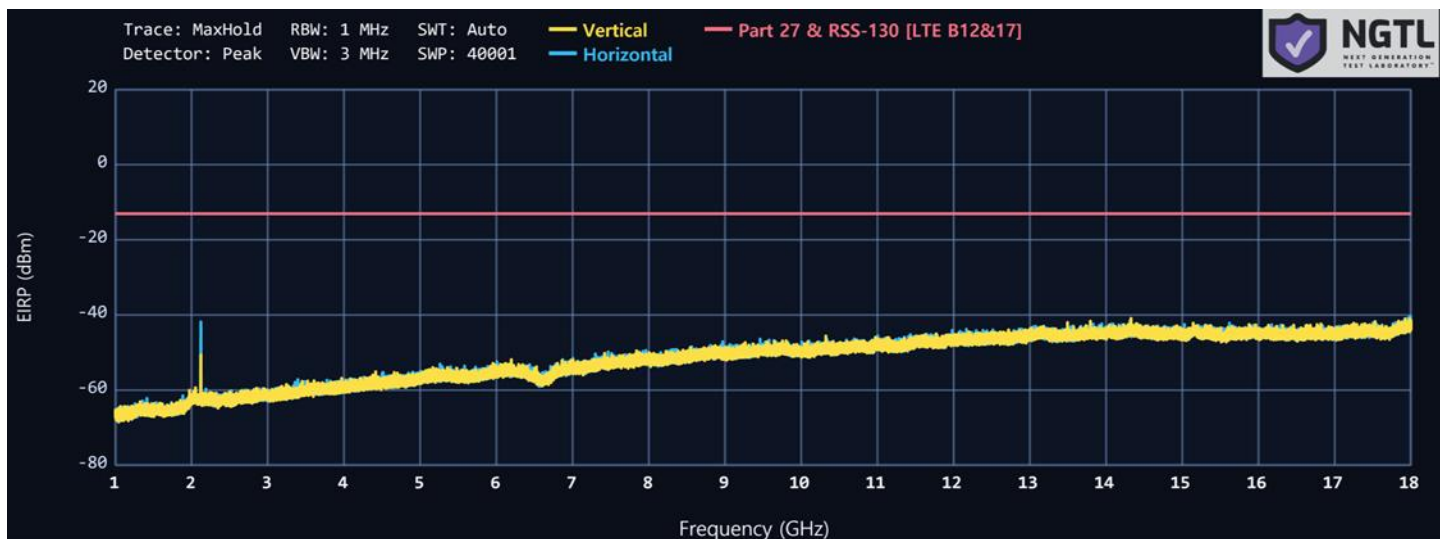


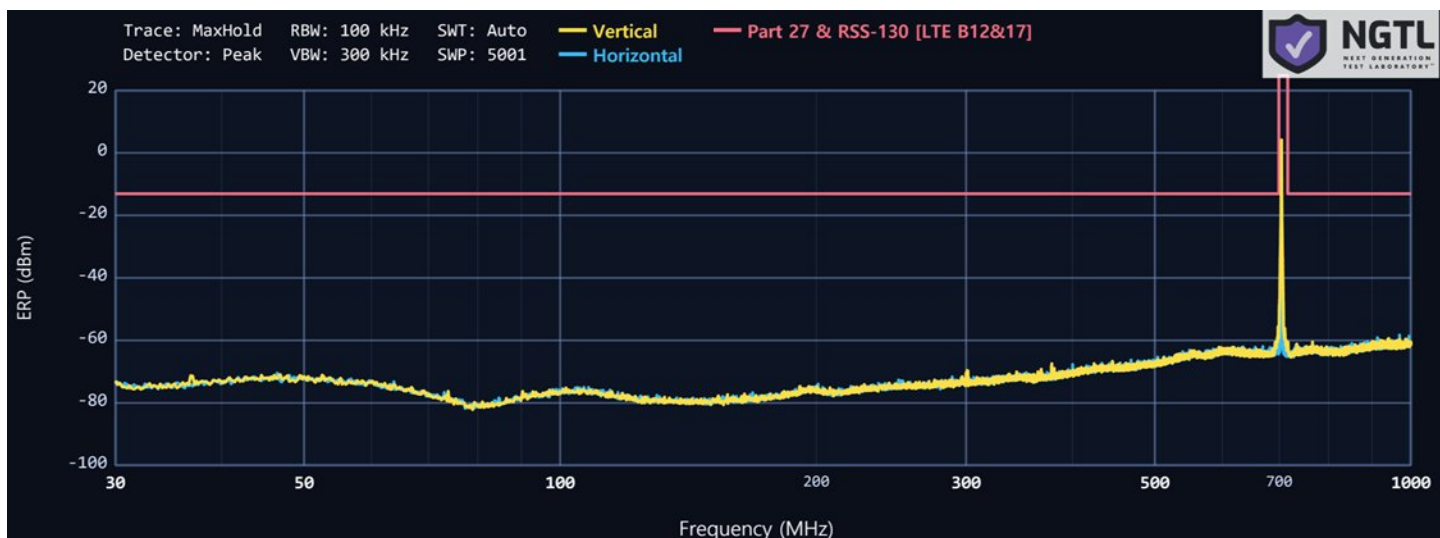
Table 5-17 Radiated Spurious Emissions Below 1GHz DATA - LTE Band12 - ANT 1

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 12 ANT 1	704.0	952.49	54.42	H	PK	-21.45	-62.23	-13.00	-49.23
		950.24	56.16	V	PK	-21.40	-60.44	-13.00	-47.44
	707.5	973.07	54.80	V	PK	-22.02	-62.42	-13.00	-49.42
		971.27	56.20	H	PK	-21.95	-60.95	-13.00	-47.95
	711.0	992.47	54.04	H	PK	-22.10	-63.26	-13.00	-50.26
		988.91	55.83	V	PK	-22.10	-61.47	-13.00	-48.47

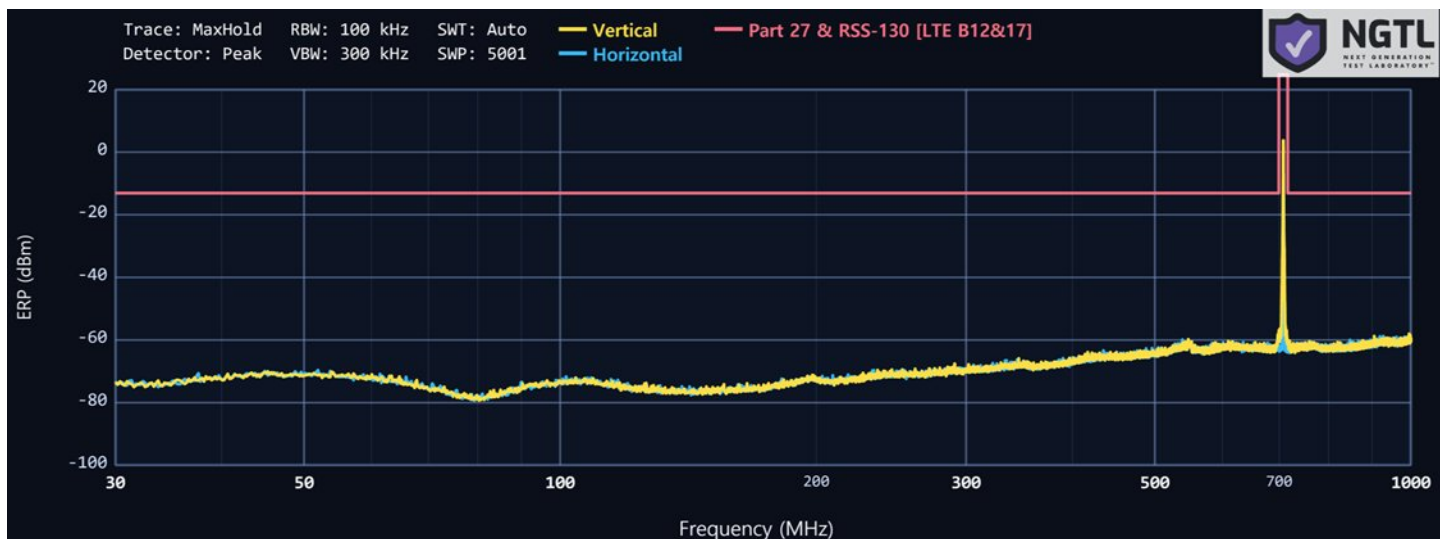
Table 5-18 Radiated Spurious Emissions Above 1GHz DATA - LTE Band12 - ANT 1

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 12 ANT 1	704.0	1 409.00	43.67	H	PK	-14.40	-65.93	-13.00	-52.93
		2 111.27	65.91	H	PK	-11.52	-40.81	-13.00	-27.81
		2 815.70	43.90	H	PK	-11.07	-62.37	-13.00	-49.37
	707.5	1 415.14	43.69	H	PK	-14.40	-65.91	-13.00	-52.91
		2 122.50	65.48	H	PK	-11.55	-41.27	-13.00	-28.27
		2 830.83	44.58	H	PK	-11.04	-61.66	-13.00	-48.66
	711.0	1 421.55	44.69	H	PK	-14.40	-64.91	-13.00	-51.91
		2 132.31	64.03	H	PK	-11.56	-42.73	-13.00	-29.73
		2 844.60	44.49	H	PK	-11.01	-61.72	-13.00	-48.72

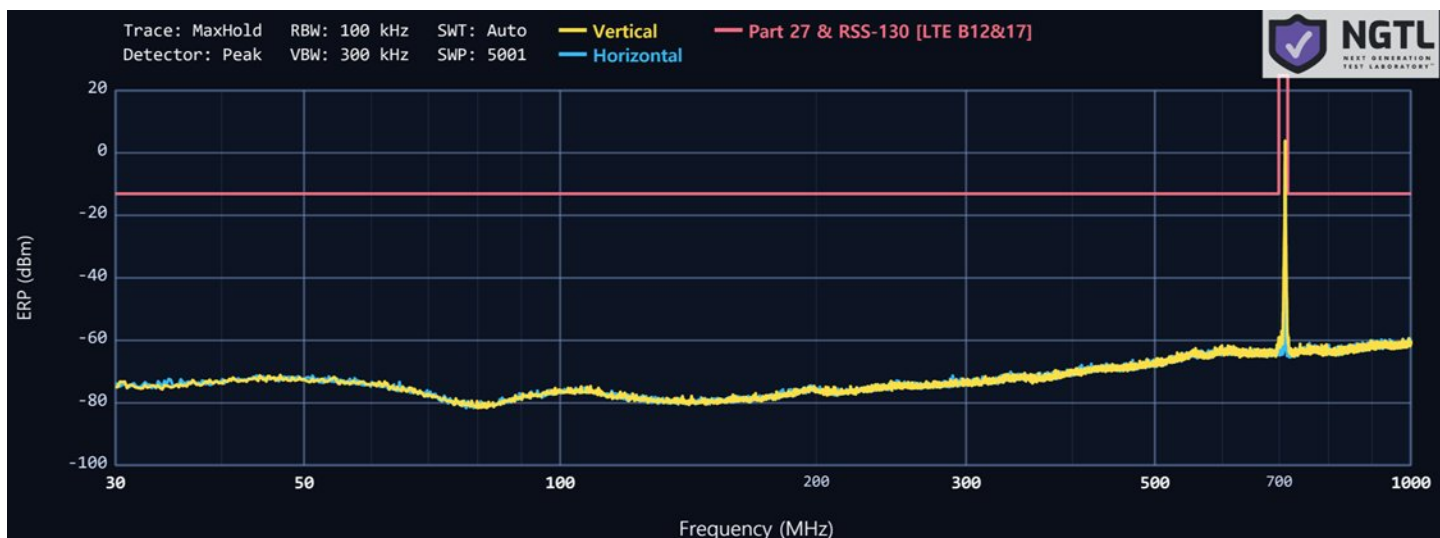
Plot 5-17 RSE Below 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [Low Channel] [QPSK] [ANT 2]



Plot 5-18 RSE Below 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 2]



Plot 5-19 RSE Below 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [High Channel] [QPSK] [ANT 2]



Plot 5-20 RSE Above 1GHz PLOT - LTE Band12 - [10MHz] [1/25RB] [Mid Channel] [QPSK] [ANT 2]

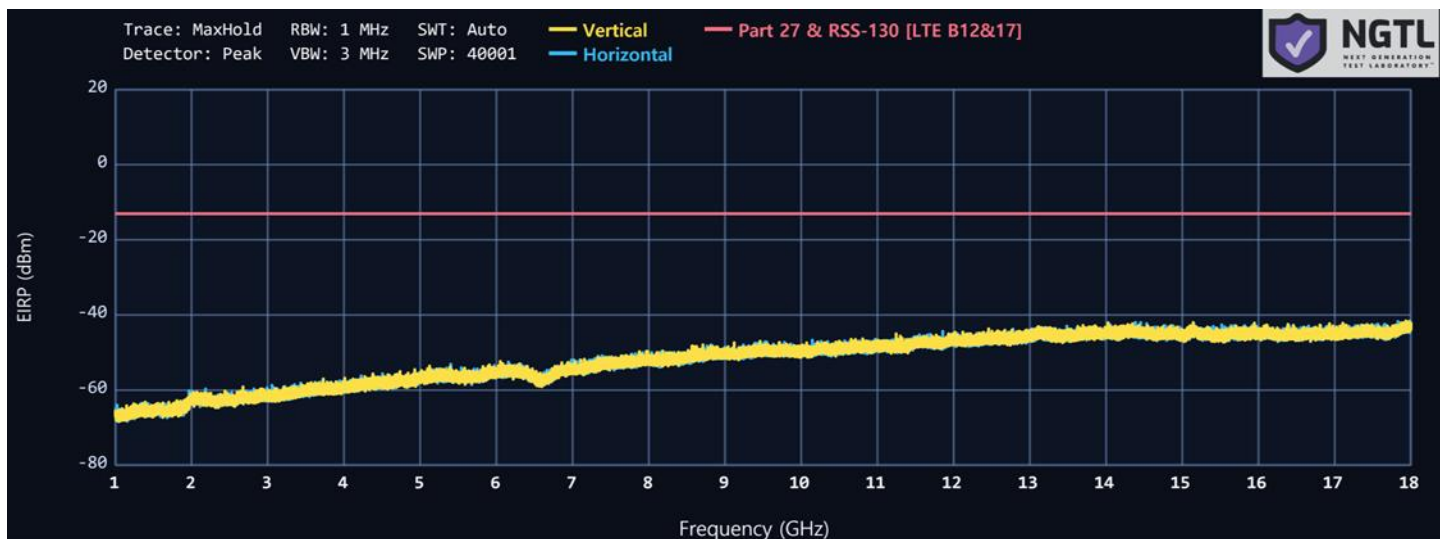


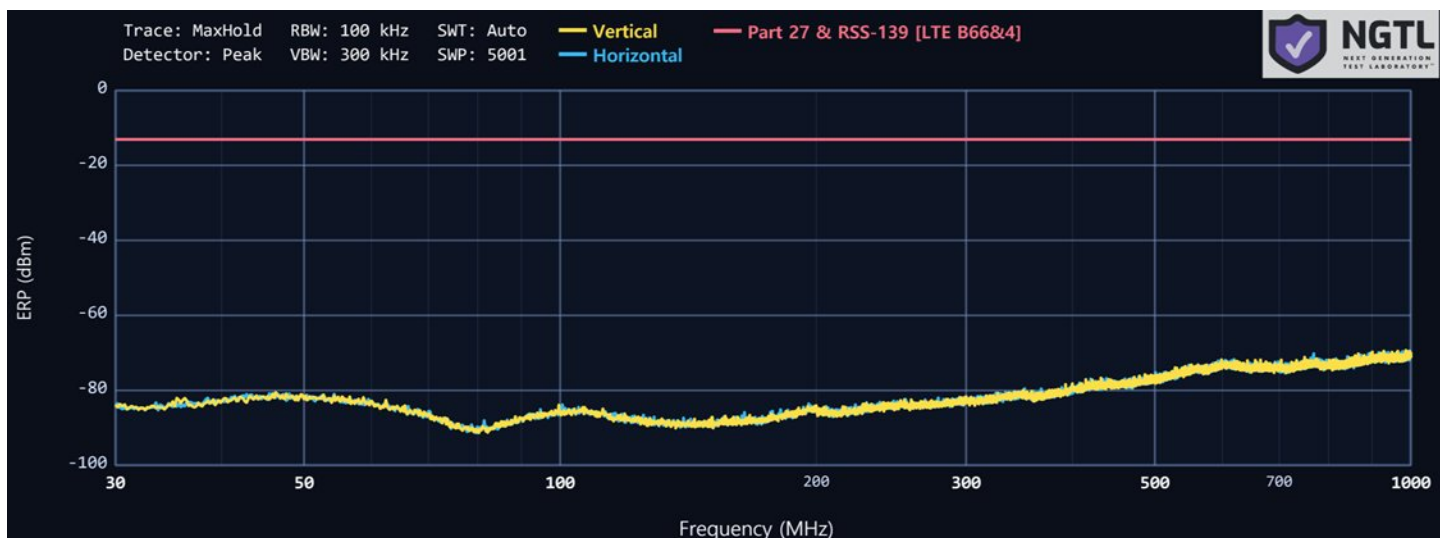
Table 5-19 Radiated Spurious Emissions Below 1GHz DATA - LTE Band12 - ANT 2

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 12 ANT 2	704.0	940.96	54.59	H	PK	-21.02	-61.63	-13.00	-48.63
		950.00	55.68	V	PK	-21.40	-60.92	-13.00	-47.92
	707.5	958.56	54.38	V	PK	-21.57	-62.39	-13.00	-49.39
		959.89	55.93	H	PK	-21.60	-60.87	-13.00	-47.87
	711.0	975.27	54.28	H	PK	-22.10	-63.02	-13.00	-50.02
		985.87	56.42	V	PK	-22.10	-60.88	-13.00	-47.88

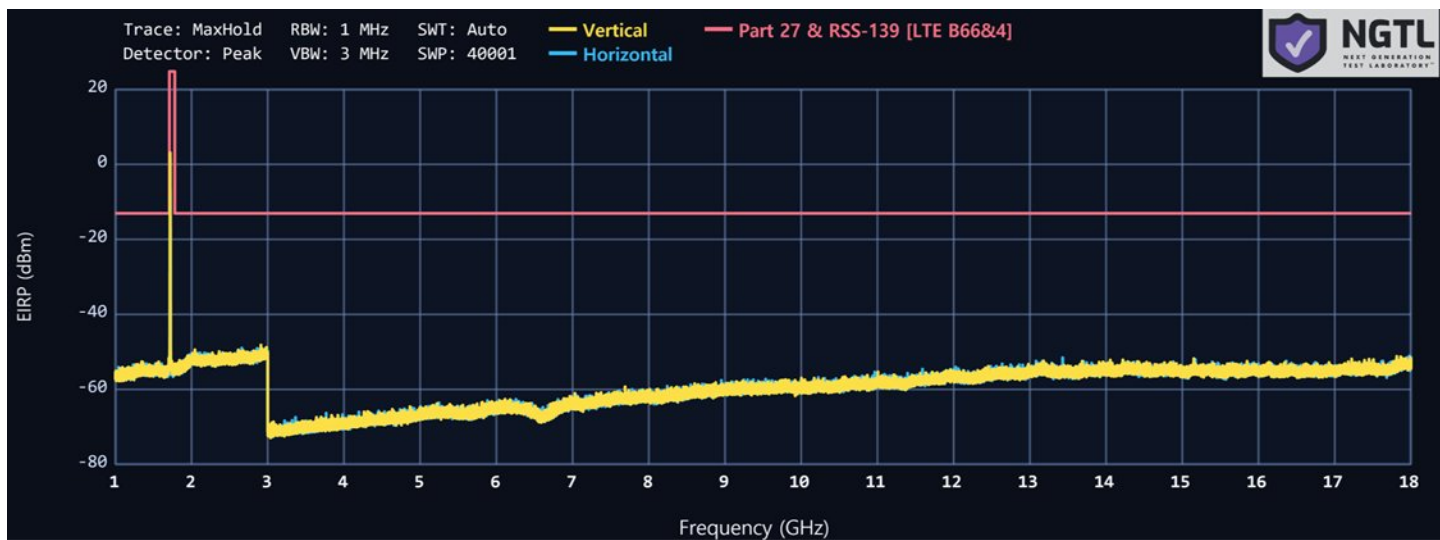
Table 5-20 Radiated Spurious Emissions Above 1GHz DATA - LTE Band12 - ANT 2

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 12 ANT 2	704.0	1 407.87	44.29	H	PK	-14.40	-65.31	-13.00	-52.31
		2 111.00	64.53	H	PK	-11.52	-42.19	-13.00	-29.19
		2 816.91	44.63	H	PK	-11.07	-61.64	-13.00	-48.64
	707.5	1 414.79	44.09	H	PK	-14.40	-65.51	-13.00	-52.51
		2 123.48	64.38	H	PK	-11.55	-42.37	-13.00	-29.37
		2 829.86	43.90	H	PK	-11.04	-62.34	-13.00	-49.34
	711.0	1 422.42	43.32	H	PK	-14.40	-66.28	-13.00	-53.28
		2 133.43	65.84	H	PK	-11.57	-40.93	-13.00	-27.93
		2 843.83	43.97	H	PK	-11.01	-62.24	-13.00	-49.24

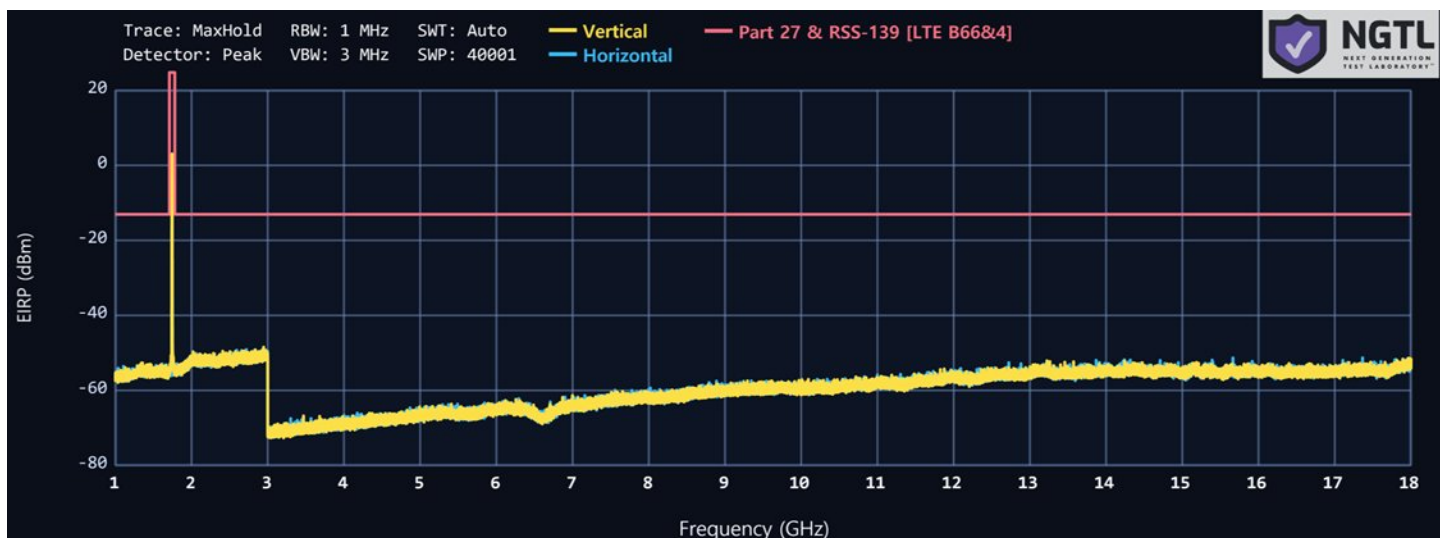
Plot 5-21 RSE Below 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-22 RSE Above 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Low Channel] [QPSK] [ANT 1]



Plot 5-23 RSE Above 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-24 RSE Above 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [High Channel] [QPSK] [ANT 1]

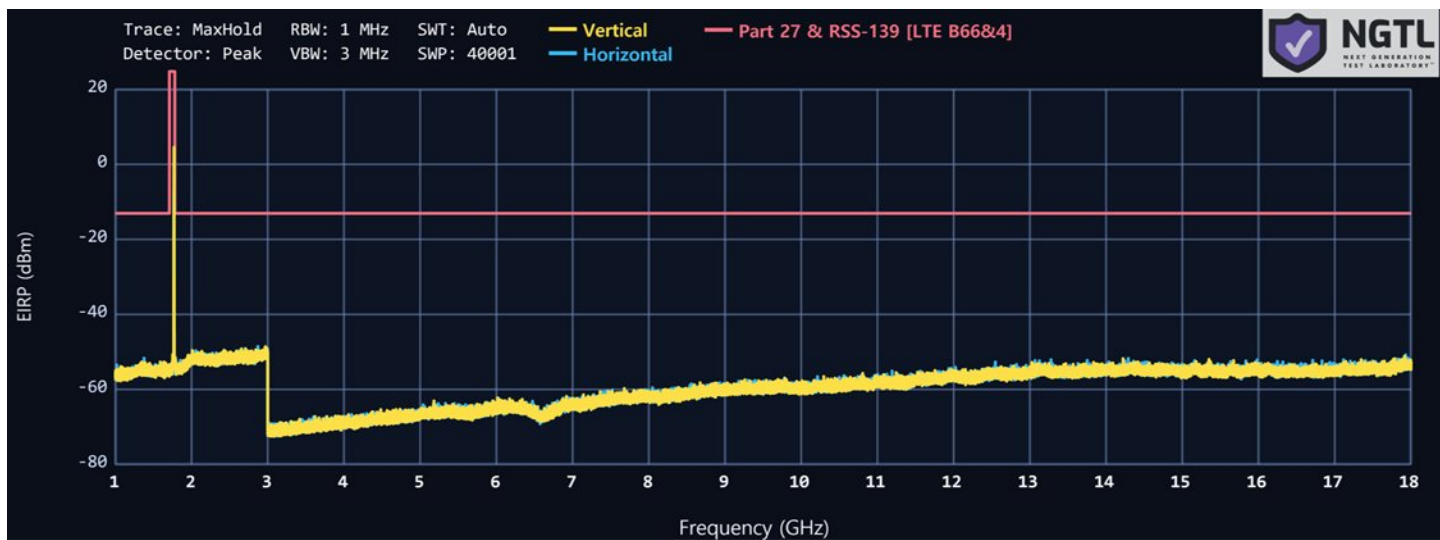


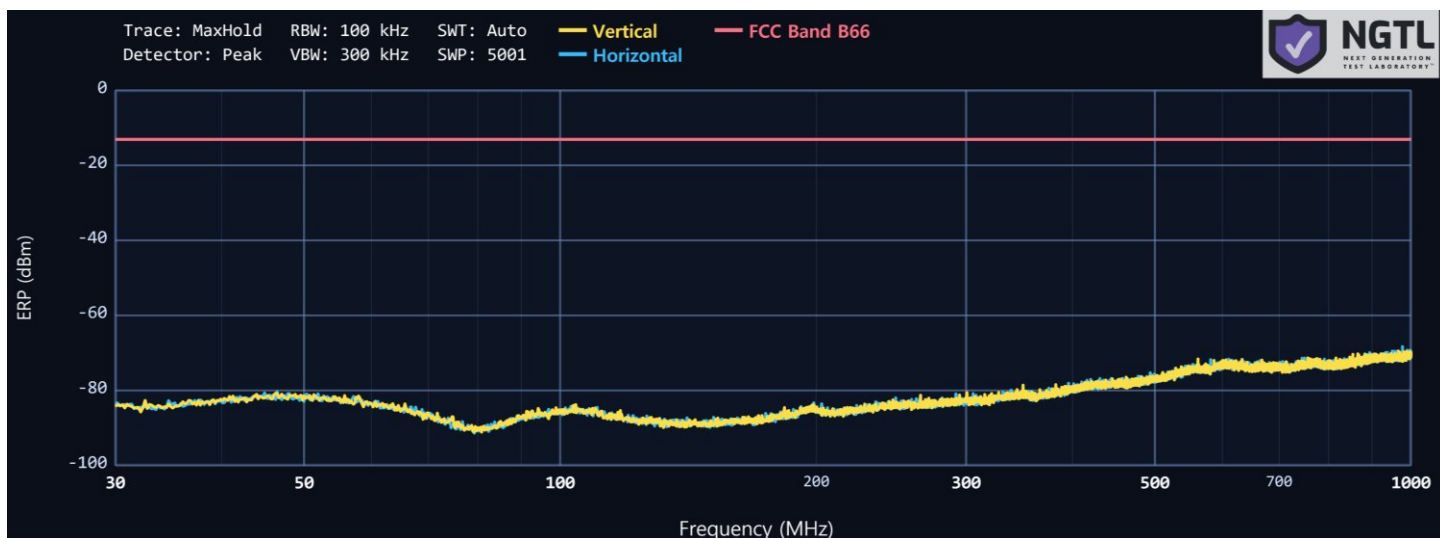
Table 5-21 Radiated Spurious Emissions Below 1GHz DATA - LTE Band66/4 - ANT 1

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 66/4 ANT 1	1745.0	940.65	54.32	H	PK	-21.01	-61.89	-13.00	-48.89
		964.55	53.17	V	PK	-21.69	-63.72	-13.00	-50.72

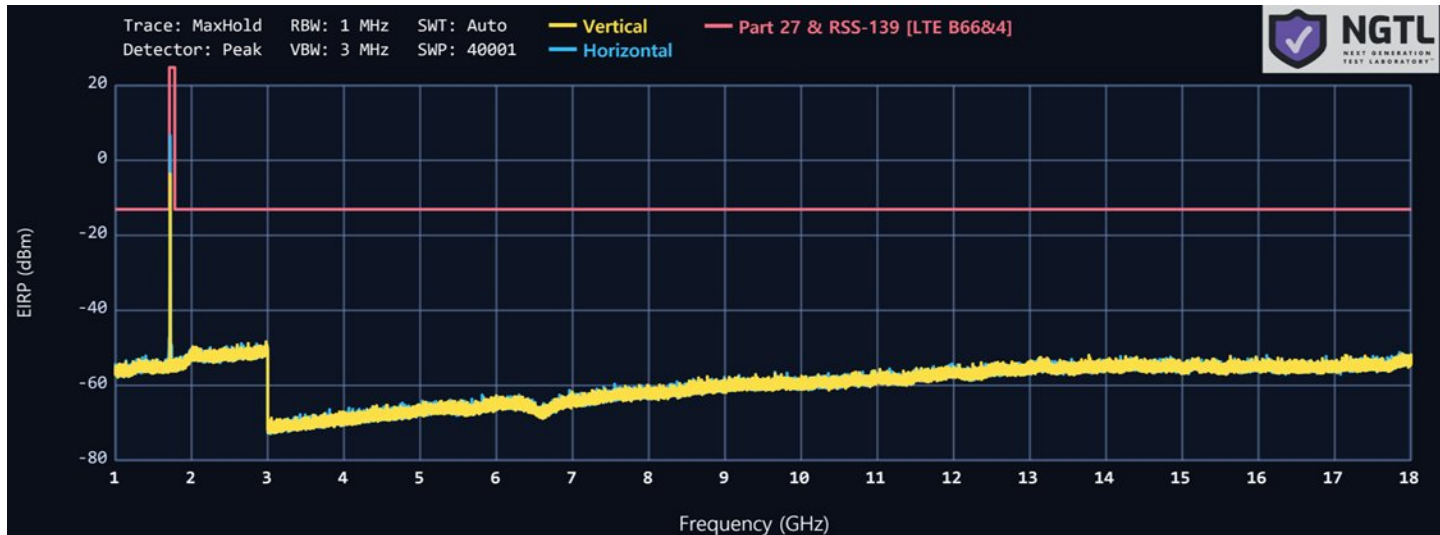
Table 5-22 Radiated Spurious Emissions Above 1GHz DATA - LTE Band66/4 - ANT 1

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 66/4 ANT 1	1720.0	3 440.23	43.81	H	PK	-19.51	-70.90	-13.00	-57.90
		5 159.15	44.74	H	PK	-15.68	-66.14	-13.00	-53.14
		6 879.77	44.26	H	PK	-13.28	-64.22	-13.00	-51.22
	1745.0	3 489.14	44.40	H	PK	-19.39	-70.19	-13.00	-57.19
		5 234.40	44.35	H	PK	-15.53	-66.38	-13.00	-53.38
		6 979.12	45.25	H	PK	-13.09	-63.04	-13.00	-50.04
	1770.0	3 540.73	44.33	H	PK	-19.36	-70.23	-13.00	-57.23
		5 310.18	44.11	H	PK	-15.48	-66.57	-13.00	-53.57
		7 080.17	44.86	H	PK	-12.89	-63.23	-13.00	-50.23

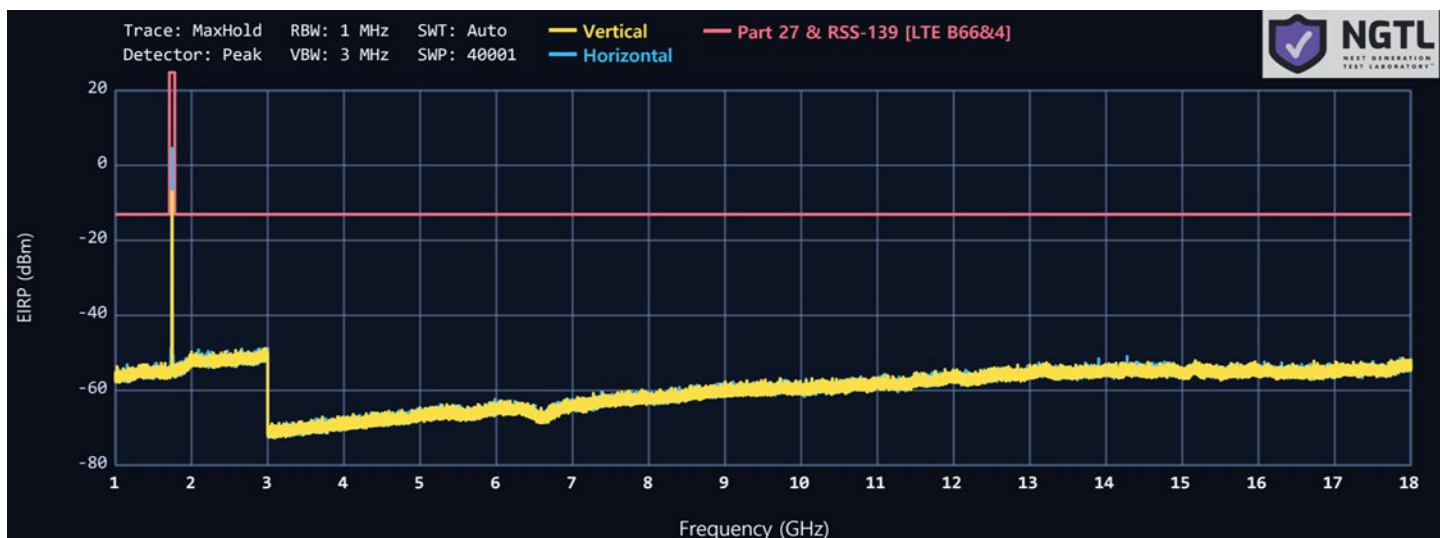
Plot 5-25 RSE Below 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 2]



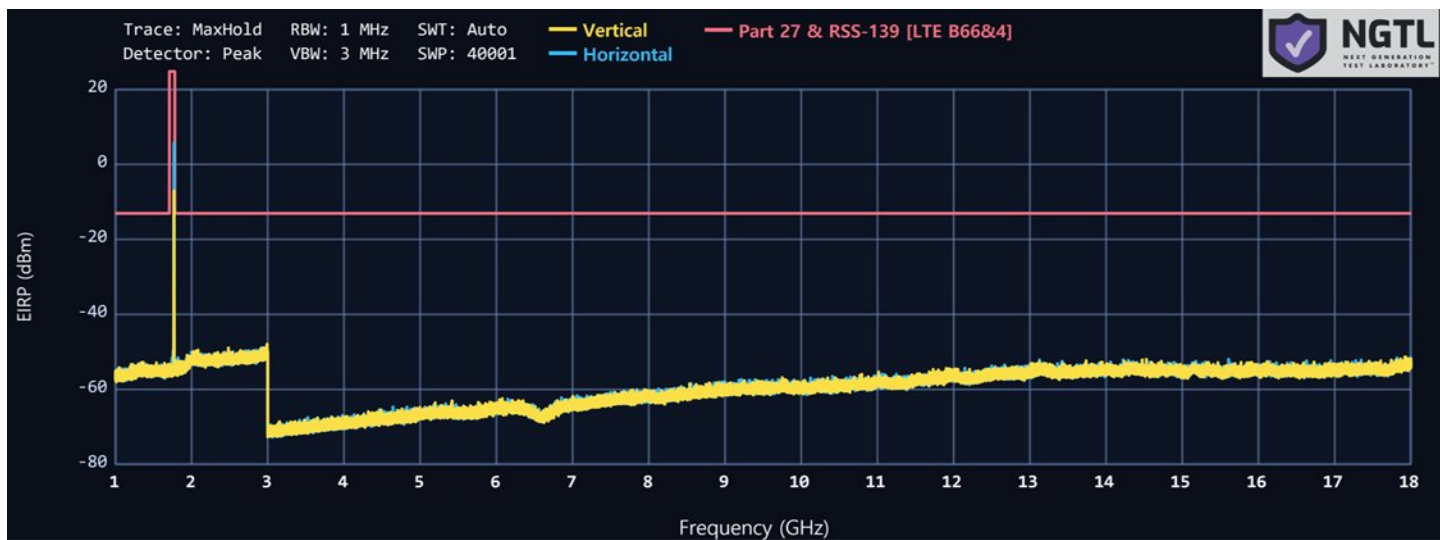
Plot 5-26 RSE Above 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Low Channel] [QPSK] [ANT 2]



Plot 5-27 RSE Above 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Mid Channel] [QPSK] [ANT 2]



Plot 5-28 RSE Above 1GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [High Channel] [QPSK] [ANT 2]



Plot 5-29 RSE Above 18GHz PLOT - LTE Band66/4 - [20MHz] [1/50RB] [Mid Channel] [QPSK]

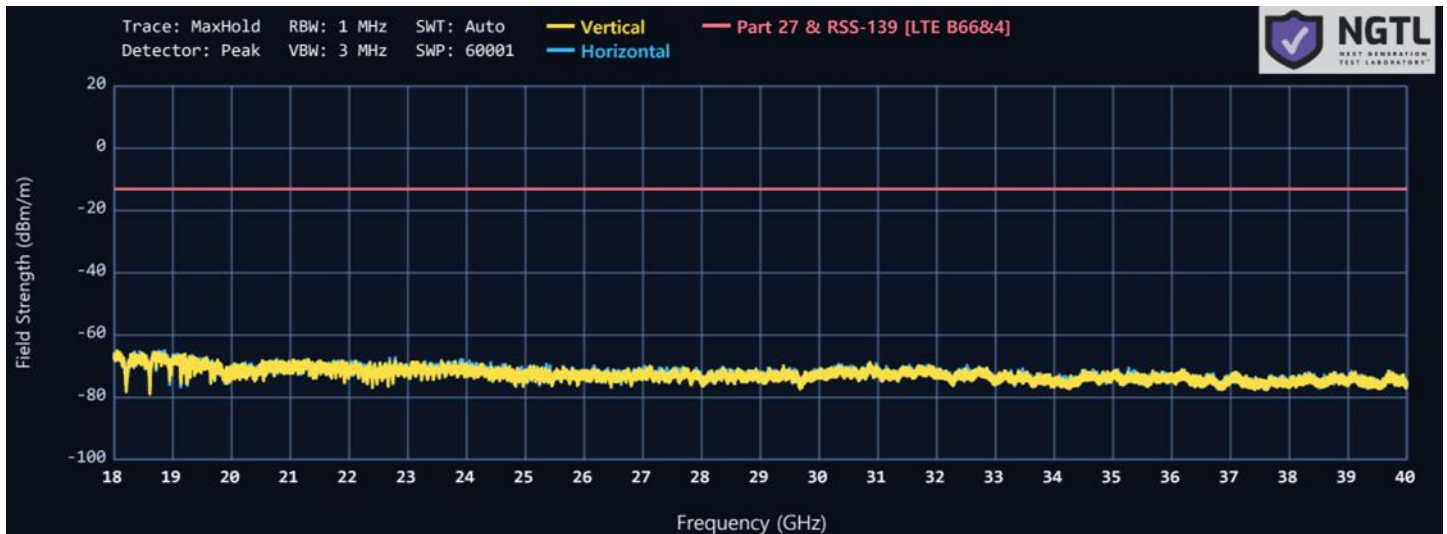


Table 5-23 Radiated Spurious Emissions Below 1GHz DATA - LTE Band66/4 - ANT 2

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 66/4 ANT 2	1745.0	955.94	53.05	H	PK	-21.52	-63.67	-13.00	-50.67
		957.10	54.77	V	PK	-21.54	-61.97	-13.00	-48.97

Table 5-24 Radiated Spurious Emissions Above 1GHz DATA - LTE Band66/4 - 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 66/4 ANT 2	1720.0	3 439.35	43.48	H	PK	-19.51	-61.72	-13.00	-58.23
		5 160.67	44.09	H	PK	-15.68	-61.11	-13.00	-53.79
		6 879.40	43.91	H	PK	-13.28	-61.29	-13.00	-51.57
	1745.0	3 490.53	43.79	H	PK	-19.38	-61.41	-13.00	-57.79
		5 234.59	44.19	H	PK	-15.53	-61.01	-13.00	-53.54
		6 979.64	44.83	H	PK	-13.09	-60.37	-13.00	-50.46
	1770.0	3 541.00	44.84	H	PK	-19.36	-60.36	-13.00	-56.72
		5 309.73	45.11	H	PK	-15.48	-60.09	-13.00	-52.57
		7 080.12	45.07	H	PK	-12.89	-60.13	-13.00	-50.02

6. Revision History

Rev.	Issue Date	Revisions	Prepared By
00	07/08/2026	Initial Release	SK Hong
01	07/09/2026	Typographical corrections	SK Hong
02	07/24/2026	Typographical corrections	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).

✓ Note : 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
Dipole Antenna	Schwarzbeck	UHA9105	02850	2026-01-06	2027-01-06
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.

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 Band 13 ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				782		
				23230		
10	QPSK	1	0	24.41		
		1	25	24.52		
		1	49	24.76		
		50	0	23.01		
	16QAM	1	0	23.06		
		1	25	23.19		
		1	49	23.38		
		50	0	22.03		
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				779.5	782	784.5
				23205	23230	23255
5	QPSK	1	0	24.48	24.54	24.58
		1	12	24.32	24.63	24.64
		1	24	24.41	24.52	24.71
		25	0	22.94	22.99	22.67
	16QAM	1	0	23.10	23.16	23.29
		1	12	23.21	23.33	23.13
		1	24	23.09	23.37	23.40
		25	0	21.98	22.01	23.19

Conducted Output Power – LTE Band 13 ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				782		
				23230		
10	QPSK	1	0	23.39		
		1	25	23.36		
		1	49	23.41		
		50	0	21.92		
	16QAM	1	0	22.04		
		1	25	22.13		
		1	49	21.94		
		50	0	20.93		
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				779.5	779.5	779.5
				23205	23205	23205
5	QPSK	1	0	23.36	23.36	23.36
		1	12	23.32	23.32	23.32
		1	24	23.33	23.33	23.33
		25	0	21.83	21.83	21.83
	16QAM	1	0	22.07	22.07	22.07
		1	12	22.05	22.05	22.05
		1	24	22.02	22.02	22.02
		25	0	20.89	20.89	20.89

Conducted Output Power – LTE Band 71 ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				673	680.5	688
				133222	133297	133372
20	QPSK	1	0	24.39	24.99	25.09
		1	50	24.56	25.32	25.04
		1	99	24.51	24.98	24.85
		100	0	24.03	24.10	23.96
	16QAM	1	0	23.55	24.23	24.14
		1	50	23.72	24.49	24.18
		1	99	23.73	24.11	23.95
		100	0	22.99	22.96	22.98
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				670.5	680.5	690.5
				133197	133297	133397
15	QPSK	1	0	24.87	25.06	25.05
		1	36	24.94	25.07	24.97
		1	74	25.08	25.01	24.86
		75	0	24.03	24.17	23.96
	16QAM	1	0	24.01	24.14	24.25
		1	36	24.21	24.25	24.11
		1	74	24.22	24.15	24.02
		75	0	22.96	23.15	22.92
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				668	680.5	693
				133172	133297	133422
10	QPSK	1	0	24.82	24.85	24.86
		1	25	24.76	24.84	24.98
		1	49	24.90	25.04	24.92
		50	0	23.35	23.46	23.46
	16QAM	1	0	23.41	23.49	23.50
		1	25	23.53	23.49	23.71
		1	49	23.49	23.55	23.63
		50	0	22.31	22.42	22.40
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				665.5	680.5	695.5
				133147	133297	133447
5	QPSK	1	0	24.86	24.85	24.95
		1	12	24.61	24.92	24.93
		1	24	24.76	24.90	24.92
		25	0	23.25	23.38	23.41
	16QAM	1	0	23.52	23.43	23.57
		1	12	23.38	23.62	23.46
		1	24	23.33	23.54	23.53
		25	0	22.29	22.39	22.37

Conducted Output Power – LTE Band 71 ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				673	680.5	688
				133222	133297	133372
20	QPSK	1	0	24.28	24.15	24.07
		1	50	24.30	24.27	24.22
		1	99	24.12	23.99	23.87
		100	0	23.19	23.19	23.07
	16QAM	1	0	23.31	23.31	23.09
		1	50	23.47	23.37	23.37
		1	99	23.25	23.14	22.91
		100	0	22.20	22.18	22.08
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				670.5	680.5	690.5
				133197	133297	133397
15	QPSK	1	0	24.21	24.14	24.01
		1	36	24.23	24.08	24.05
		1	74	24.11	24.02	23.92
		75	0	23.26	23.13	23.04
	16QAM	1	0	23.25	23.28	23.14
		1	36	23.39	23.25	23.15
		1	74	23.26	23.17	23.06
		75	0	22.19	22.09	21.98
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				668	680.5	693
				133172	133297	133422
10	QPSK	1	0	23.79	23.84	23.75
		1	25	23.81	23.78	23.76
		1	49	22.78	23.79	23.71
		50	0	22.28	22.26	22.22
	16QAM	1	0	22.39	22.45	22.27
		1	25	22.36	22.48	22.55
		1	49	22.37	22.41	22.23
		50	0	21.29	21.26	21.21
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				665.5	680.5	695.5
				133147	133297	133447
5	QPSK	1	0	23.80	23.75	23.78
		1	12	23.67	23.66	23.77
		1	24	23.75	23.74	22.66
		25	0	22.27	22.21	22.20
	16QAM	1	0	22.42	22.43	22.45
		1	12	22.42	22.53	22.29
		1	24	22.41	22.41	22.39
		25	0	21.29	21.23	21.18

Conducted Output Power – LTE Band 12 ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				704	707.5	711
				23060	23095	23130
10	QPSK	1	0	24.82	24.85	24.86
		1	25	24.76	24.84	24.98
		1	49	24.90	25.04	24.92
		50	0	23.35	23.46	23.46
	16QAM	1	0	23.41	23.49	23.50
		1	25	23.53	23.49	23.71
		1	49	23.49	23.55	23.63
		50	0	22.31	22.42	22.40
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				701.5	707.5	713.5
				23035	23095	23155
5	QPSK	1	0	24.86	24.85	24.95
		1	12	24.61	24.92	24.93
		1	24	24.76	24.90	24.92
		25	0	23.25	23.38	23.41
	16QAM	1	0	23.52	23.43	23.57
		1	12	23.38	23.62	23.46
		1	24	23.33	23.54	23.53
		25	0	22.29	22.39	22.37
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				700.5	707.5	714.5
				23025	23095	23165
3	QPSK	1	0	24.86	24.78	24.91
		1	7	24.94	24.91	24.92
		1	14	24.75	24.84	24.97
		15	0	23.21	23.35	23.36
	16QAM	1	0	23.38	23.49	23.50
		1	7	23.53	23.59	23.65
		1	14	23.34	23.32	23.43
		15	0	22.24	22.31	22.38
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				699.7	707.5	715.3
				23017	23095	23173
1.4	QPSK	1	0	24.79	24.81	24.81
		1	3	24.75	24.78	24.84
		1	5	24.62	24.85	24.83
		6	0	23.22	23.34	23.44
	16QAM	1	0	23.34	23.30	23.46
		1	3	23.58	23.36	23.42
		1	5	23.37	23.31	23.40
		6	0	22.25	22.40	22.43

Conducted Output Power – LTE Band 12 ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				704	707.5	711
10	QPSK	1	0	23.79	23.84	23.75
		1	25	23.81	23.78	23.76
		1	49	22.78	23.79	23.71
		50	0	22.28	22.26	22.22
	16QAM	1	0	22.39	22.45	22.27
		1	25	22.36	22.48	22.55
		1	49	22.37	22.41	22.23
		50	0	21.29	21.26	21.21
		Frequency [MHz] / Earfcn				
				701.5	707.5	713.5
5	QPSK	1	0	23.80	23.75	23.78
		1	12	23.67	23.66	23.77
		1	24	23.75	23.74	22.66
		25	0	22.27	22.21	22.20
	16QAM	1	0	22.42	22.43	22.45
		1	12	22.42	22.53	22.29
		1	24	22.41	22.41	22.39
		25	0	21.29	21.23	21.18
		Frequency [MHz] / Earfcn				
				700.5	707.5	714.5
3	QPSK	1	0	23.75	23.72	23.67
		1	7	23.81	23.69	23.75
		1	14	23.76	23.67	23.69
		15	0	22.29	22.20	22.19
	16QAM	1	0	22.38	22.34	22.38
		1	7	22.54	22.37	22.40
		1	14	22.41	22.39	22.20
		15	0	21.26	21.18	21.15
		Frequency [MHz] / Earfcn				
				699.7	707.5	715.3
1.4	QPSK	1	0	23.68	23.68	23.69
		1	3	22.74	22.73	23.71
		1	5	22.79	23.76	23.69
		6	0	22.32	22.24	22.23
	16QAM	1	0	22.35	22.35	22.25
		1	3	22.27	22.60	22.42
		1	5	22.23	22.31	22.26
		6	0	21.27	21.28	21.21
		Frequency [MHz] / Earfcn				
				23017	23095	23173

Conducted Output Power – LTE Band 66/4 ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1720	1745	1770
				132072	132322	132572
20	QPSK	1	0	24.49	24.31	24.30
		1	50	24.34	24.43	24.79
		1	99	24.25	24.23	24.66
		100	0	23.37	23.29	23.56
	16QAM	1	0	23.54	23.34	23.27
		1	50	23.51	23.55	23.60
		1	99	23.28	23.37	23.58
		100	0	22.43	22.26	22.52
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1717.5	1745	1772.5
				132047	132322	132597
15	QPSK	1	0	24.39	24.22	24.34
		1	36	24.42	24.17	23.44
		1	74	24.21	24.11	24.59
		75	0	23.39	23.28	23.56
	16QAM	1	0	23.54	23.29	23.41
		1	36	23.39	23.42	23.45
		1	74	23.32	23.24	23.67
		75	0	22.31	22.20	22.48
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1715	1745	1775
				132022	132322	132622
10	QPSK	1	0	24.41	24.26	24.47
		1	25	24.56	24.19	24.81
		1	49	24.32	24.14	24.56
		50	0	23.36	23.18	23.53
	16QAM	1	0	23.54	23.29	23.56
		1	25	23.51	23.42	23.89
		1	49	23.45	23.26	23.66
		50	0	22.34	22.21	22.50
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1712.5	1745	1777.5
				131997	132322	132647
5	QPSK	1	0	24.31	24.18	24.56
		1	12	24.42	23.99	24.45
		1	24	24.42	24.13	24.57
		25	0	23.41	23.14	23.59
	16QAM	1	0	23.55	23.35	23.71
		1	12	23.57	23.26	23.73
		1	24	23.61	23.33	23.69
		25	0	22.36	22.22	22.60
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1711.5	1745	1778.5
				131987	132322	132657
3	QPSK	1	0	24.33	24.13	24.63
		1	7	24.31	24.09	24.75
		1	14	24.42	24.09	24.66
		15	0	23.38	23.08	23.62
	16QAM	1	0	23.47	23.26	23.68
		1	7	23.52	23.33	23.81
		1	14	23.44	23.23	23.59
		15	0	22.34	22.14	22.60
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1710.7	1745	1779.3
				131979	132322	132665
1.4	QPSK	1	0	24.42	24.07	24.56
		1	3	24.50	24.13	24.82
		1	5	24.33	24.12	24.62
		6	0	23.36	23.17	23.62
	16QAM	1	0	23.43	23.24	23.76
		1	3	23.51	23.36	23.78
		1	5	23.49	23.24	23.69
		6	0	22.49	22.26	22.61

Conducted Output Power – LTE Band 66/4 ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1720	1745	1770
				132072	132322	132572
20	QPSK	1	0	24.52	24.22	23.92
		1	50	24.56	24.25	23.79
		1	99	24.34	23.92	23.85
		100	0	23.42	23.02	22.82
	16QAM	1	0	23.58	23.19	22.88
		1	50	23.59	22.91	23.02
		1	99	23.41	23.08	22.96
		100	0	22.38	21.98	21.81
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1717.5	1745	1772.5
				132047	132322	132597
15	QPSK	1	0	24.28	24.16	23.91
		1	36	24.55	23.93	23.94
		1	74	24.40	23.86	23.86
		75	0	23.56	23.09	22.92
	16QAM	1	0	23.58	23.28	22.98
		1	36	23.49	23.21	22.91
		1	74	23.51	22.95	22.97
		75	0	22.53	22.04	21.90
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1715	1745	1775
				132022	132322	132622
10	QPSK	1	0	24.53	24.17	23.80
		1	25	24.57	24.03	23.64
		1	49	24.45	23.96	23.83
		50	0	23.53	23.03	22.80
	16QAM	1	0	23.59	23.30	22.96
		1	25	23.65	23.42	22.92
		1	49	23.52	23.08	22.95
		50	0	22.49	21.99	21.74
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1712.5	1745	1777.5
				131997	132322	132647
5	QPSK	1	0	24.43	23.98	23.78
		1	12	24.27	23.91	23.66
		1	24	24.44	23.94	23.77
		25	0	23.51	22.96	22.77
	16QAM	1	0	23.57	23.13	23.04
		1	12	23.58	23.32	22.92
		1	24	23.56	23.17	23.01
		25	0	22.52	21.92	21.71
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1711.5	1745	1778.5
				131987	132322	132657
3	QPSK	1	0	24.41	23.95	23.75
		1	7	24.51	24.04	23.66
		1	14	24.48	23.92	23.76
		15	0	23.45	22.94	22.71
	16QAM	1	0	23.47	23.04	22.85
		1	7	23.56	23.08	23.02
		1	14	23.57	22.97	22.93
		15	0	22.41	21.87	21.72
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				1710.7	1745	1779.3
				131979	132322	132665
1.4	QPSK	1	0	24.44	23.93	23.88
		1	3	24.62	24.05	23.68
		1	5	24.49	23.96	23.72
		6	0	23.47	22.98	22.78
	16QAM	1	0	23.46	23.04	22.93
		1	3	23.71	23.05	22.97
		1	5	23.56	22.97	22.91
		6	0	22.43	21.99	21.90

End of Test Report.