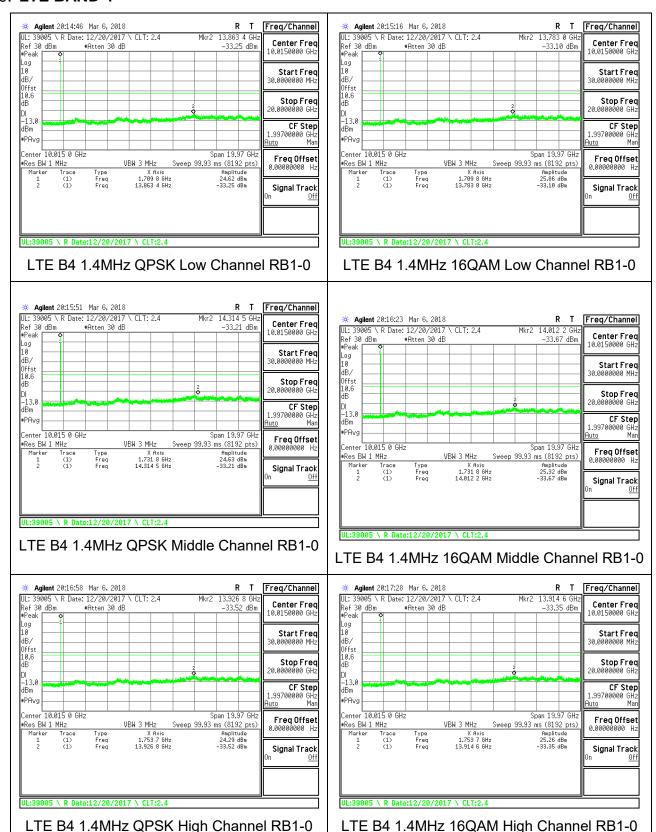
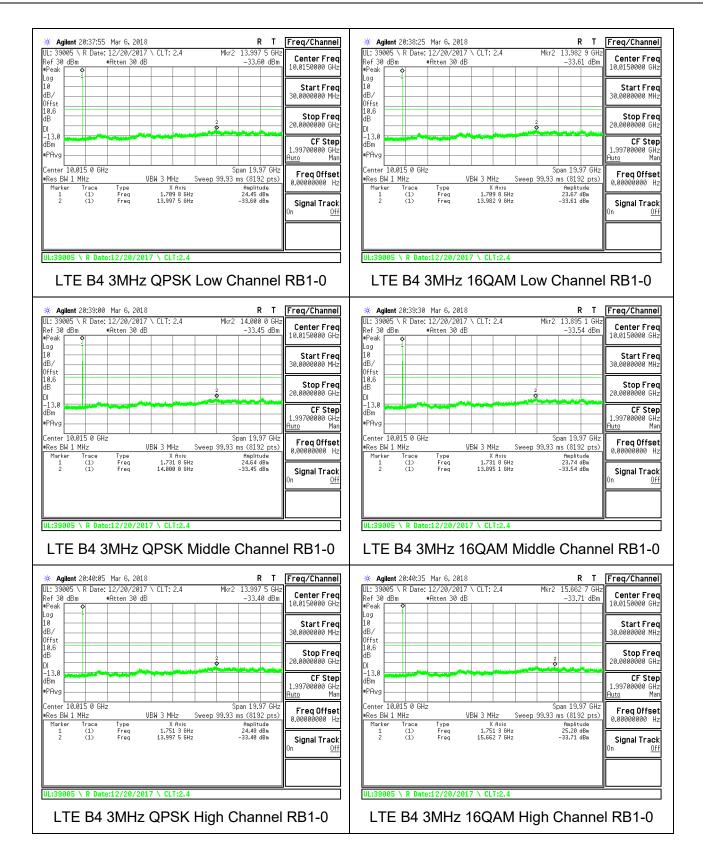
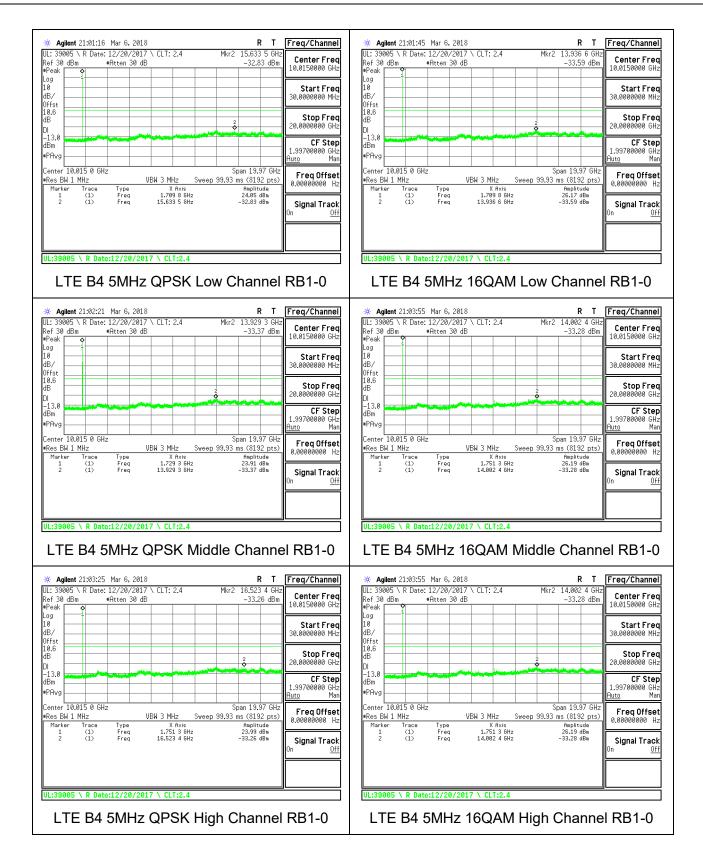
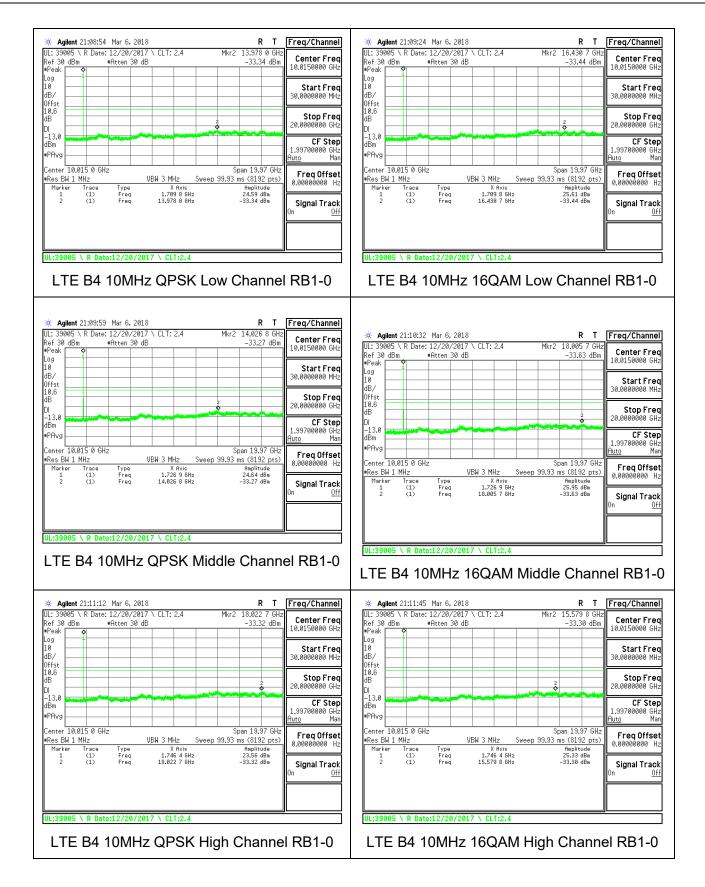


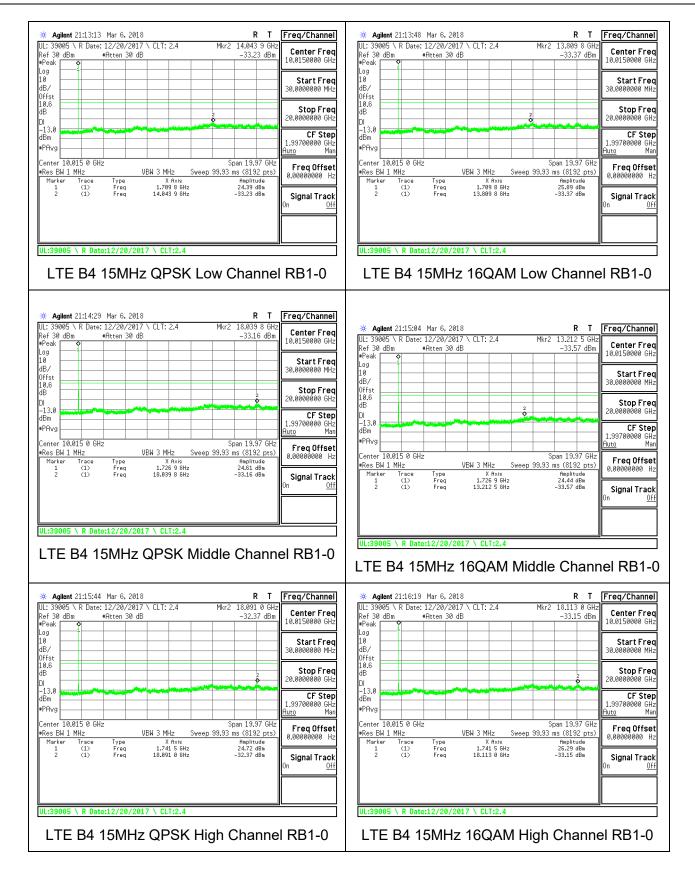
8.3.6. LTE BAND 4





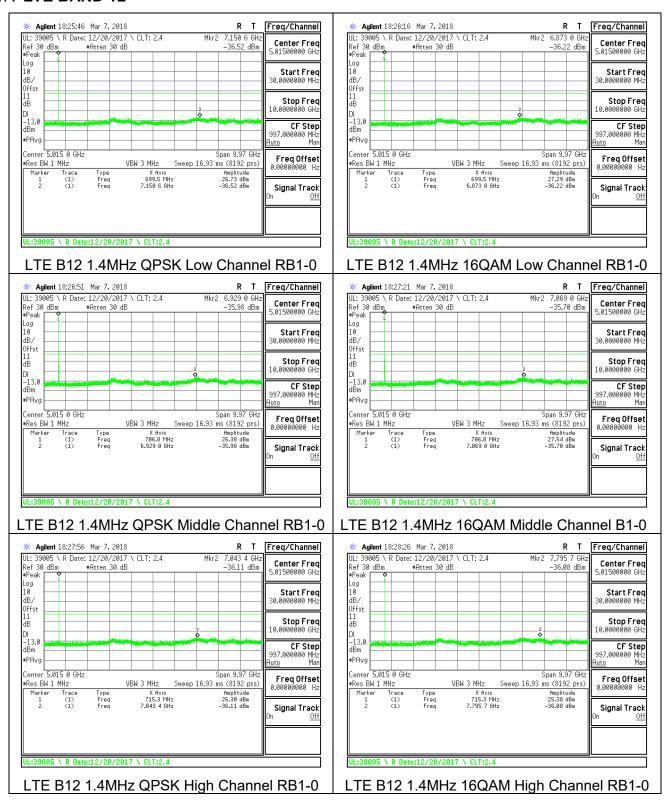


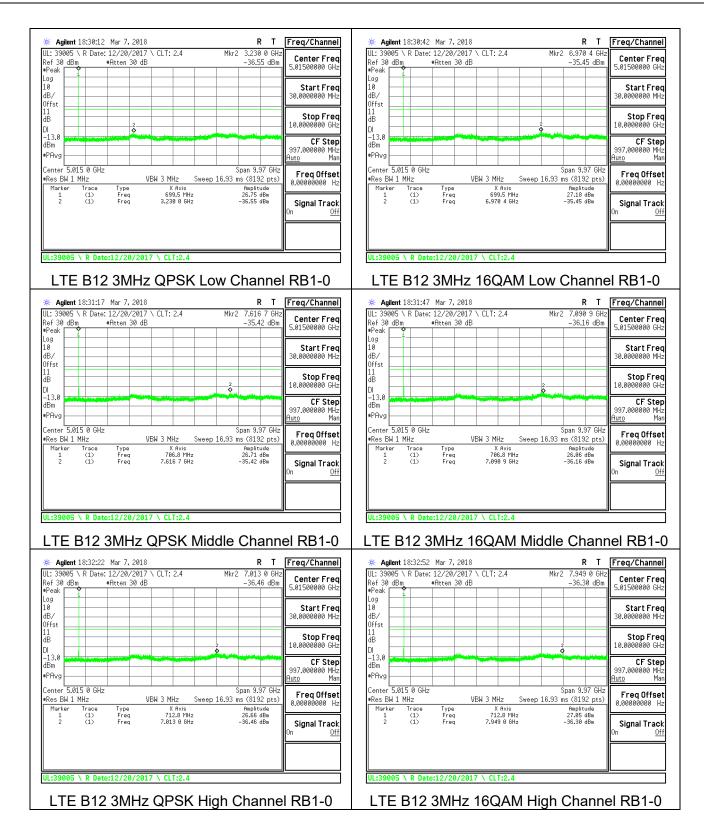


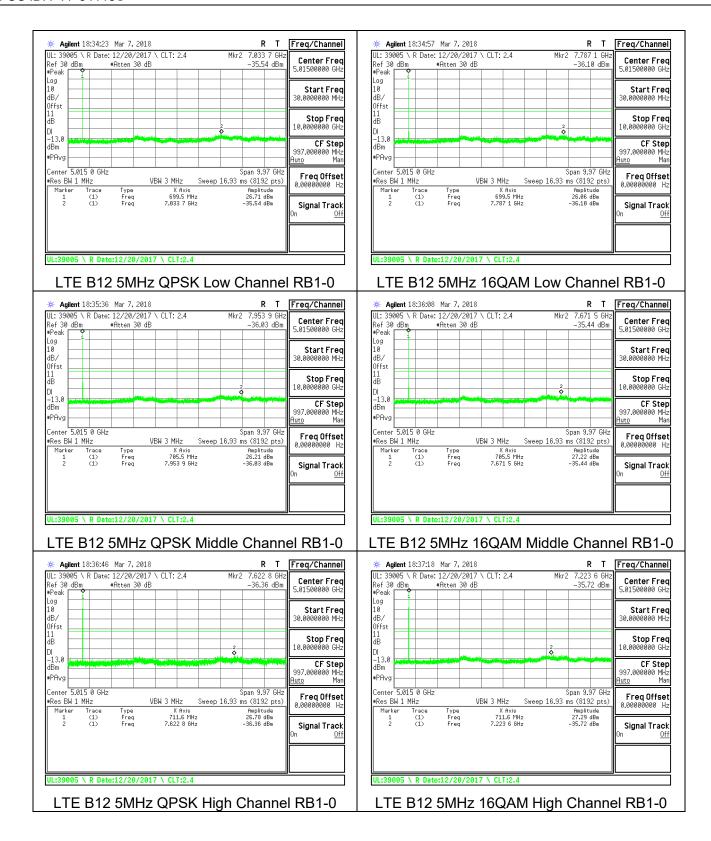


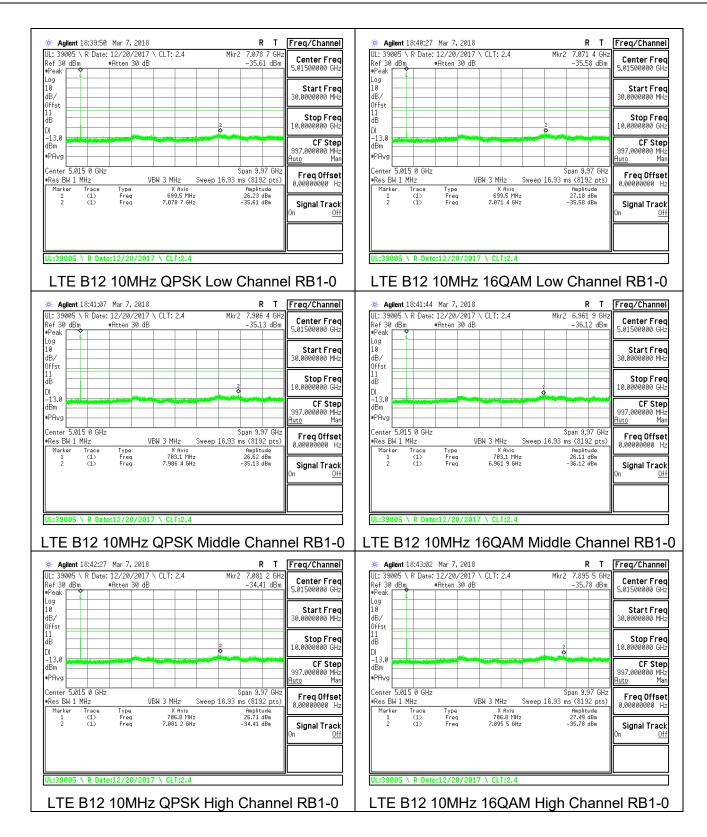


8.3.7. LTE BAND 12

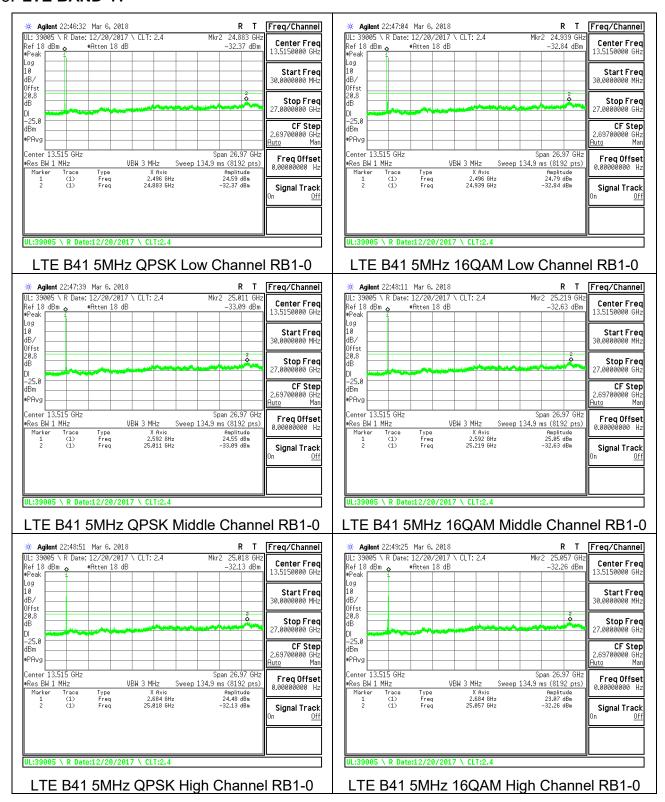


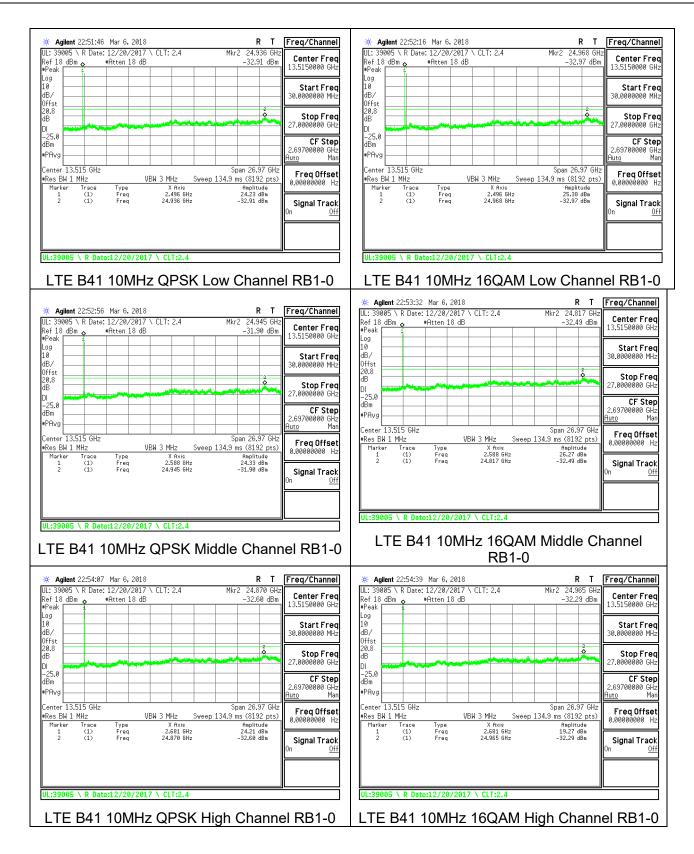


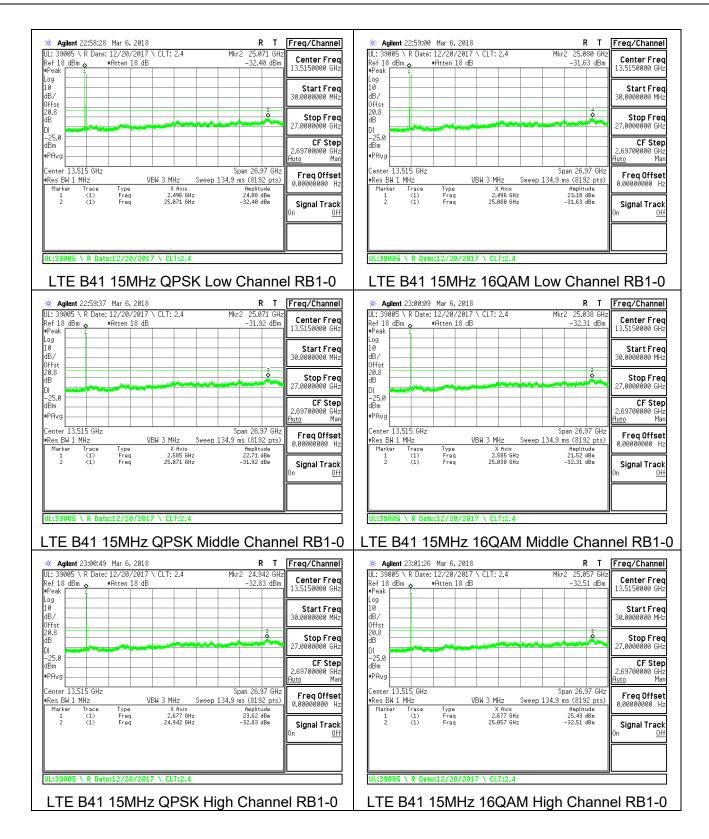


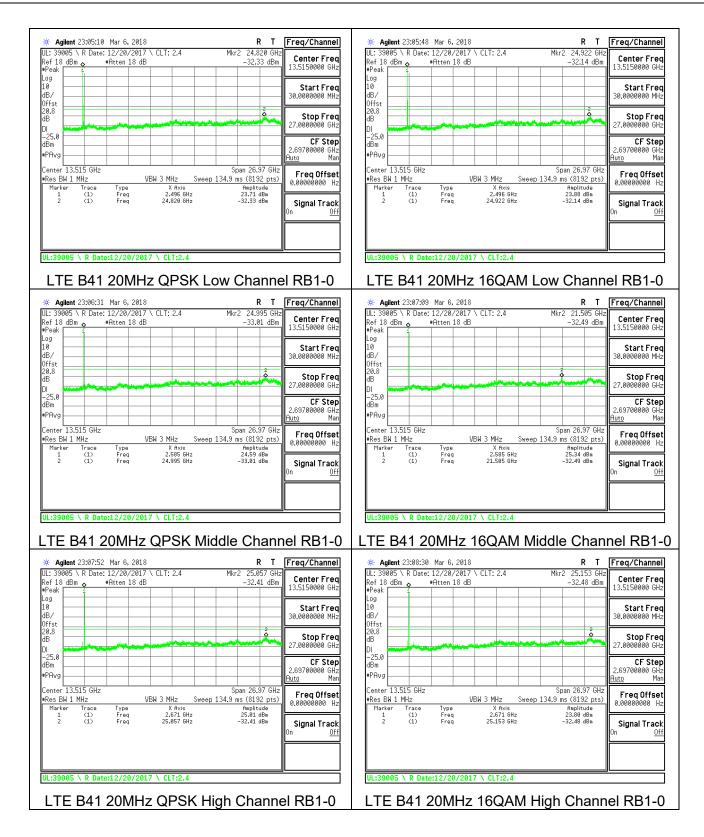


8.3.8. LTE BAND 41









REPORT NO: 12132873-E1V2 FCC ID: PY7-34118S

8.4. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §22.355, §24.235, §27.54

LIMITS

FCC §22.355

The carrier frequency shall not depart from the reference frequency in excess of ±2.5 ppm for mobile stations.

FCC §24.235 & §27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

TEST PROCEDURE

Use CMW 500 with Frequency Error measurement capability.

- Temp. = -30° C to $+50^{\circ}$ C
- Voltage = (85% 115%)
- Low voltage, 3.23VDC, Normal, 3.8VDC and High voltage, 4.37VDC. End Voltage, 3.2VDC.

Frequency Stability vs Temperature:

The EUT is place inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until +50°C is reached.

Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

MODES TESTED

- GSM
- LTE Band 2
- LTE Band 4
- LTE Band 12
- LTE Band 41

RESULTS

See the following pages.

DATE: APRIL 03, 2018

8.4.1. **GSM 850**

Refe	erence Frequency: G	SM850 Mid Channel	836.6	MHz @ 20°C
	Limit: to	o stay +- 2.5 ppm =	2091.500	Hz
Power Supply	Environment	Frequency Dev	iation Measureed w	ith Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	50	836.600022	0.010	2.5
3.85	40	836.600023	0.009	2.5
3.85	30	836.600024	0.008	2.5
3.85	20	836.600030	0	2.5
3.85	10	836.600029	0.002	2.5
3.85	0	836.600030	0.000	2.5
3.85	-10	836.600032	-0.002	2.5
3.85	-20	836.600031	-0.001	2.5
3.85	-30	836.600026	0.005	2.5

Refe	erence Frequency: G	SM850 Mid Channel	836.6	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	2091.500	Hz
Power Supply	Environment	Frequency De	viation Measured wi	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	25	836.600030	0	2.5
4.25	25	836.600027	0.004	2.5
3.65	25	836.600026	0.005	2.5

8.4.2. **LTE BAND 2**

Referen	nce Frequency: LTE	Band 2 Mid Channel	1880	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	4700.000	Hz
Power Supply	Environment	Frequency Dev	riation Measureed w	ith Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	50	1880.000012	0.003	2.5
3.85	40	1880.000014	0.002	2.5
3.85	30	1880.000014	0.002	2.5
3.85	20	1880.000018	0	2.5
3.85	10	1880.000017	0.000	2.5
3.85	0	1880.000016	0.001	2.5
3.85	-10	1880.000016	0.001	2.5
3.85	-20	1880.000017	0.001	2.5
3.85	-30	1880.000016	0.001	2.5

Referer	ce Frequency: LTE	Band 2 Mid Channel	1880	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	4700.000	Hz
Power Supply	Environment	Frequency Dev	viation Measured wi	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	25	1880.000018	0	2.5
4.25	25	1880.000017	0.001	2.5
3.65	25	1880.000016	0.001	2.5

8.4.3. **LTE BAND 4**

Referer	nce Frequency: LTE	Band 4 Mid Channel	1732.5	MHz @ 20°C
	Limit: to	o stay +- 2.5 ppm =	4331.250	Hz
Power Supply	Environment	Frequency Dev	iation Measureed w	ith Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	50	1732.500012	0.000	2.5
3.85	40	1732.500014	-0.001	2.5
3.85	30	1732.500012	0.000	2.5
3.85	20	1732.500012	0	2.5
3.85	10	1732.500012	0.000	2.5
3.85	0	1732.500015	-0.002	2.5
3.85	-10	1732.500009	0.002	2.5
3.85	-20	1732.500015	-0.001	2.5
3.85	-30	1732.500015	-0.001	2.5

Referer	ce Frequency: LTE	Band 4 Mid Channel	1732.5	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	4331.250	Hz
Power Supply	Environment	Frequency De	viation Measured wi	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	25	1732.500012	0	2.5
4.25	25	1732.500015	-0.002	2.5
3.65	25	1732.500013	0.000	2.5

8.4.4. **LTE BAND 12**

Reference	ce Frequency: LTE B	and 12 Mid Channel	707.5	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	1768.750	Hz
Power Supply	Environment	Frequency Dev	iation Measureed w	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	50	707.500006	0.004	2.5
3.85	40	707.500007	0.003	2.5
3.85	30	707.499997	0.017	2.5
3.85	20	707.500009	0	2.5
3.85	10	707.500010	-0.001	2.5
3.85	0	707.500006	0.004	2.5
3.85	-10	707.500006	0.004	2.5
3.85	-20	707.500010	-0.002	2.5
3.85	-30	707.500009	-0.001	2.5

Reference	e Frequency: LTE B	and 12 Mid Channel	707.5	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	1768.750	Hz
Power Supply	Environment	Frequency De	viation Measured wi	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	25	707.500009	0	2.5
4.25	25	707.500003	0.008	2.5
3.65	25	707.500008	0.001	2.5

8.4.5. **LTE BAND 41**

Reference	e Frequency: LTE B	and 41 Mid Channel	2593	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	6482.500	Hz
Power Supply	Environment	Frequency Dev	riation Measureed wi	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	50	2593.000012	0.001	2.5
3.85	40	2593.000013	0.001	2.5
3.85	30	2593.000014	0.001	2.5
3.85	20	2593.000016	0	2.5
3.85	10	2593.000014	0.001	2.5
3.85	0	2593.000014	0.001	2.5
3.85	-10	2593.000014	0.001	2.5
3.85	-20	2593.000013	0.001	2.5
3.85	-30	2593.000014	0.001	2.5

Reference	e Frequency: LTE B	and 41 Mid Channel	2593	MHz @ 20°C
	Limit: t	o stay +- 2.5 ppm =	6482.500	Hz
Power Supply	Environment	Frequency De	viation Measured wi	th Time Elapse
(Vdc)	Temperature (°C)	(MHz)	Delta (ppm)	Limit (ppm)
3.85	25	2593.000016	0	2.5
4.25	25	2593.000015	0.001	2.5
3.65	25	2593.000015	0.000	2.5

REPORT NO: 12132873-E1V2 FCC ID: PY7-34118S

8.5. **PEAK TO AVERAGE RATIO**

LIMITS

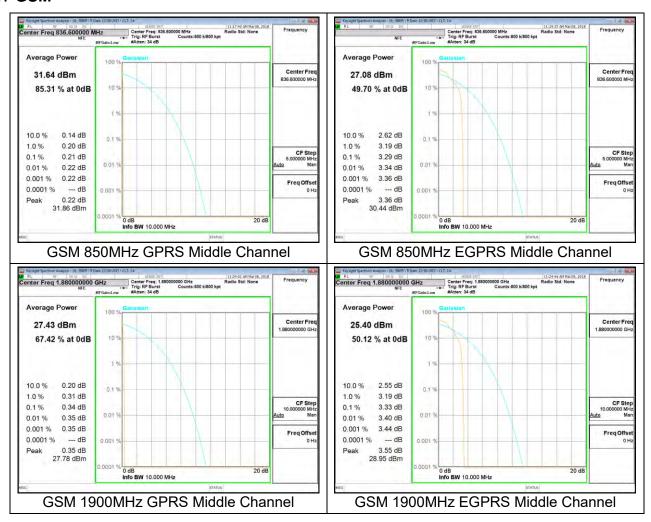
In addition, the peak to average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

RESULT

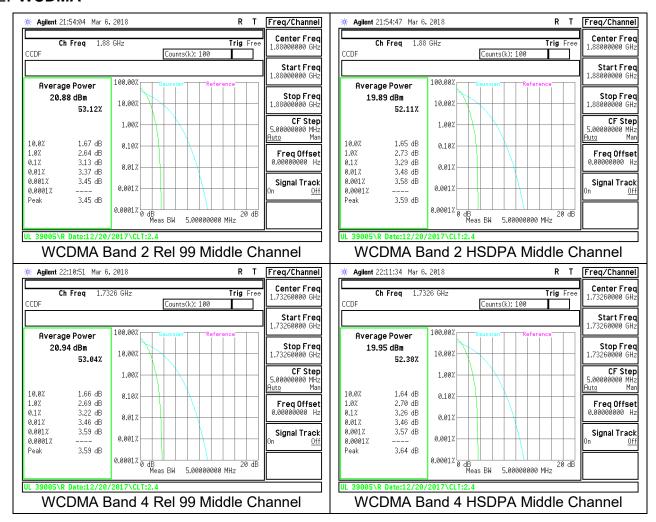
Full resource block (FRB) for each bandwidth was used to measure as the worst case. The results from all CCDF measurements are passed with 13dB peak-to-average power ratio criteria..

DATE: APRIL 03, 2018

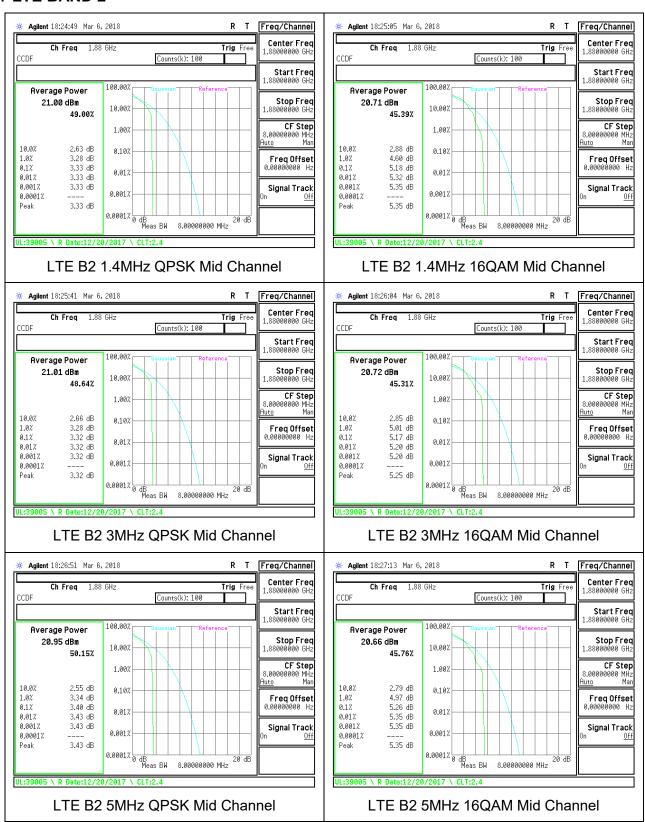
8.5.1. **GSM**

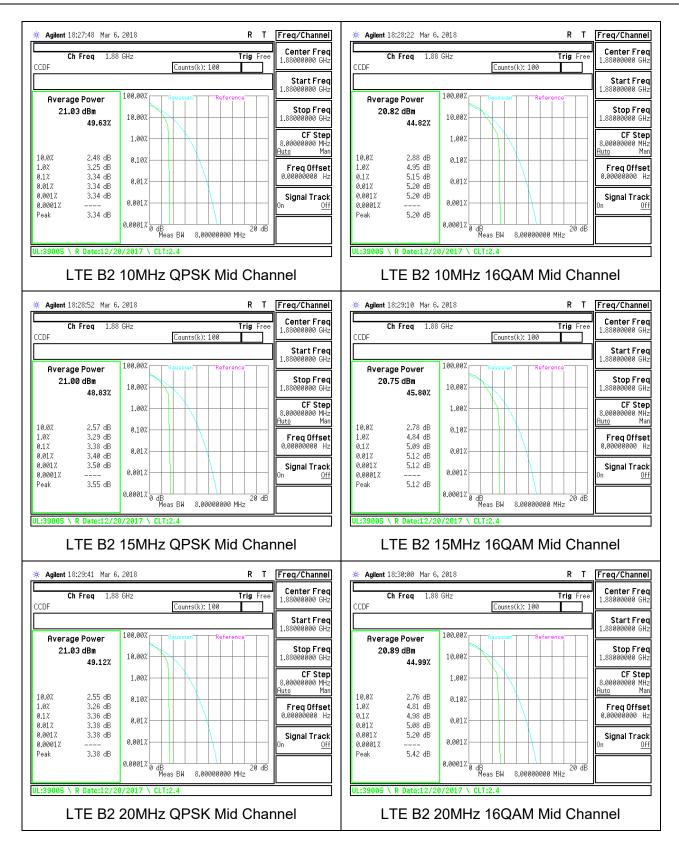


8.5.2. WCDMA

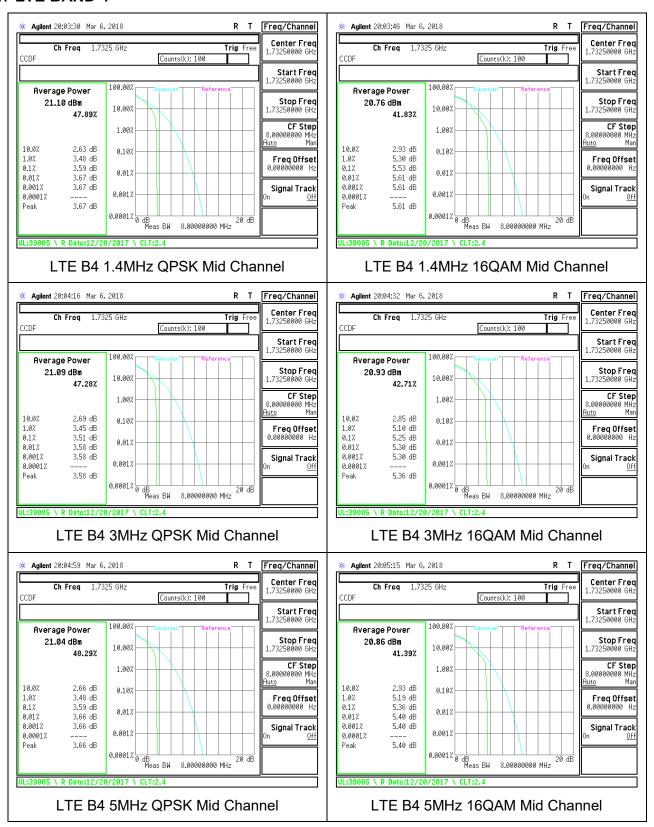


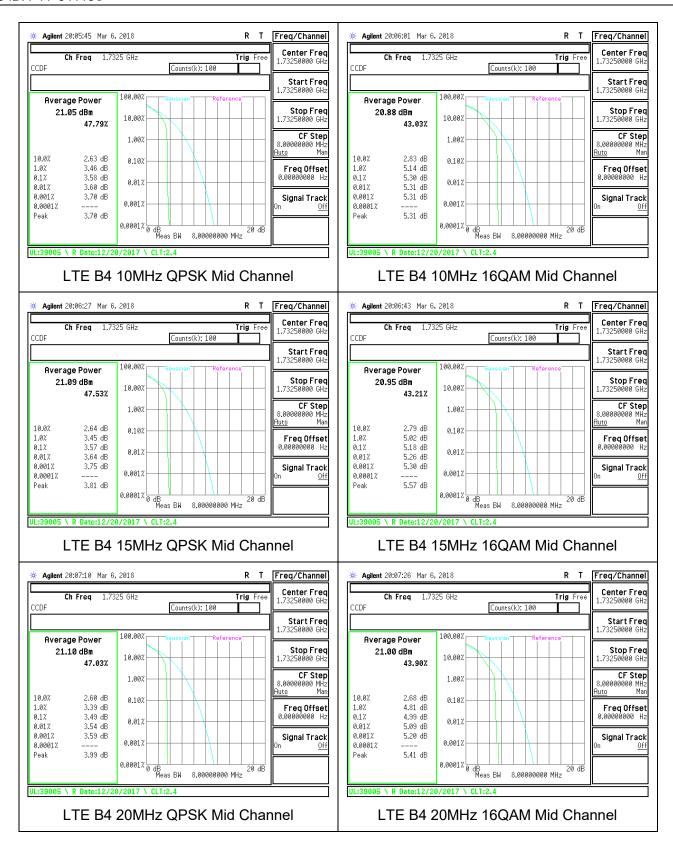
8.5.3. LTE BAND 2



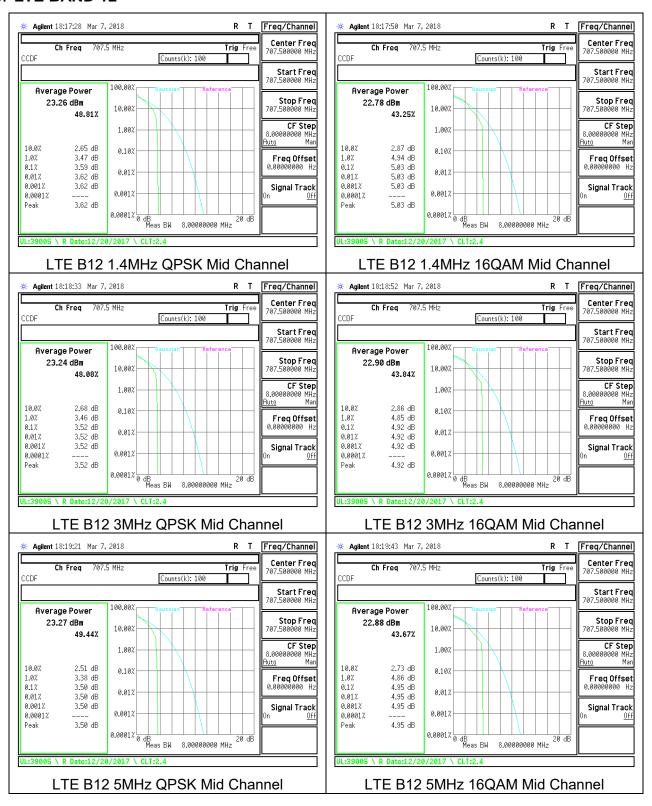


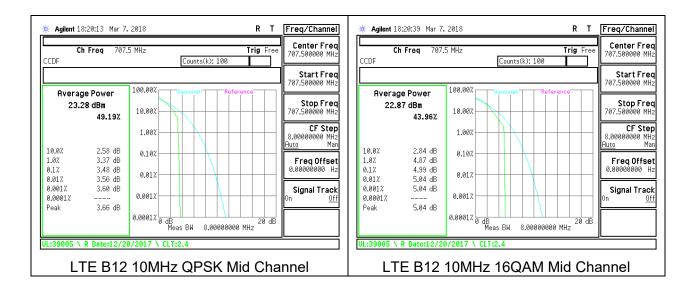
8.5.4. LTE BAND 4



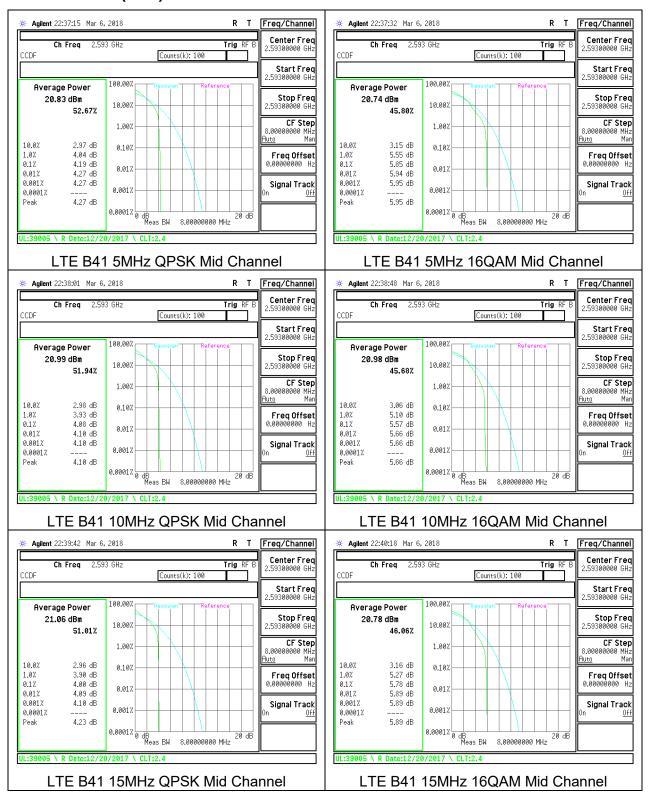


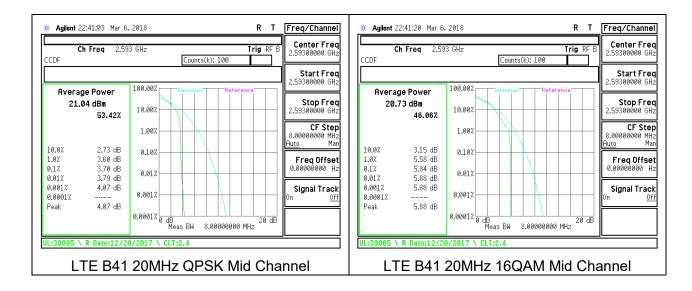
8.5.5. LTE BAND 12





8.5.6. LTE BAND 41 (FCC)





REPORT NO: 12132873-E1V2 FCC ID: PY7-34118S

9. RADIATED TEST RESULTS

9.1. FIELD STRENGTH OF SPURIOUS RADIATION

RULE PART(S)

FCC: §2.1053, §22.917, §24.238, and §27.53

FCC: §22.917(a), §24.238(a), §27.53 (g), (h)

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.

FCC: §27.53 (Band 13)

- (c) 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.
- (f) Emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals. (-70 dBW/MHz = -40dBm/MHz).

FCC: §27.53 (m) (Band 7, 41)

At least 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

TEST PROCEDURE

KDB 971168 D01 v02r02/D02 v01

MODES TESTED

- **GSM**
- **WCDMA**
- LTE Band 2
- LTE Band 4
- LTE Band 12
- LTE Band 41

RESULTS

DATE: APRIL 03, 2018

9.1.1. **GSM**

Ab	U ove 1GHz Hi	L Verification			suremen	t		10		Ab	U ove 1GHz Hi	L Verification			suremen	1	
Chamber B									eer: ion:	12132873 3/13/2018 39005 RA EUT + Support Chamber B							
Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	37.0 36.4 36.2 37.0 36.4 36.2	1.0 1.0 1.0 1.0 1.0	-62.2 -57.5 -55.4 -62.2 -59.8 -56.1	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-49.2 -44.5 -42.4 -49.2 -46.8 -43.1		1648.40 2472.60 3296.80 1648.40 2472.60 3296.80	-26.0 -22.1 -20.4 -26.2 -24.6 -20.8	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	37.0 36.4 36.2 37.0 36.4 36.2	1.0 1.0 1.0 1.0 1.0 1.0	-62.1 -57.5 -55.6 -62.2 -60.0 -56.0	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-49.1 -44.5 -42.6 -49.2 -47.0 -43.0	
V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	37.0 36.4 36.1 37.0 36.4 36.1	1.0 1.0 1.0 1.0 1.0	-61.9 -57.4 -55.6 -61.6 -58.9 -55.9	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-48.9 -44.4 -42.6 -48.6 -45.9 -42.9		1673.20 2509.80 3346.40 1673.20 2509.80 3346.40	-26.1 -22.2 -20.6 -25.5 -23.7 -20.6	V V H H	3.0 3.0 3.0 3.0 3.0 3.0	37.0 36.4 36.1 37.0 36.4 36.1	1.0 1.0 1.0 1.0 1.0	-62.1 -57.6 -55.7 -61.5 -59.1 -55.8	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-49.1 -44.6 -42.7 -48.5 -46.1 -42.8	
V V H H	3.0 3.0 3.0 3.0 3.0 3.0	37.0 36.4 36.1 37.0 36.4 36.1	1.0 1.0 1.0 1.0 1.0	-61.6 -57.3 -55.4 -61.4 -58.6 -55.6	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-48.6 -44.3 -42.4 -48.4 -45.6 -42.6		High Ch, 84 1697.60 2546.40 3395.20 1697.60 2546.40 3395.20	8.8MHz -25.8 -22.0 -20.5 -25.6 -23.3 -20.5	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	37.0 36.4 36.1 37.0 36.4 36.1	1.0 1.0 1.0 1.0 1.0	-61.8 -57.4 -55.6 -61.6 -58.7 -55.6	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-48.8 -44.4 -42.6 -48.6 -45.7 -42.6	
3/13/2018 39005 RA EUT + Support Chamber B								Date: Test Engir	eer: ion:	3/13/2018 39005 RA EUT + Support Chamber B							
Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.9 35.5 35.7 35.9 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-53.2 -50.1 -49.3 -53.0 -49.2 -48.0	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.2 -37.1 -36.3 -40.0 -36.2 -35.0		3700.40 5550.60 7400.80 3700.40 5550.60 7400.80	-18.5 -15.4 -14.7 -17.9 -14.6 -12.9	V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.9 35.5 35.7 35.9 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-53.4 -49.9 -49.4 -52.8 -49.1 -47.7	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.4 -36.9 -36.4 -39.8 -36.1 -34.7	
V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.7 35.8 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-53.4 -50.0 -49.6 -53.2 -48.9 -47.5	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.4 -37.0 -36.6 -40.2 -35.9 -34.5		3760,00 5640,00 7520,00 3760,00 5640,00 7520,00	-18.0 -15.7 -14.9 -18.5 -14.4 -12.8	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.7 35.8 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-52.8 -50.2 -49.6 -53.3 -48.9 -47.5	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-39.8 -37.2 -36.6 -40.3 -35.9 -34.5	
V	3.0 3.0 3.0 3.0	35.8 35.5 35.8 35.8	1.0 1.0 1.0 1.0	-53.1 -49.7 -49.3 -52.2 -47.4	-13.0 -13.0 -13.0 -13.0 -13.0	-40.1 -36.7 -36.3 -39.2 -34.4		3819.60 5729.40 7639.20 3819.60 5729.40	-18.4 -14.9 -14.8 -17.5 -12.9	V V V H	3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.8 35.8 35.5	1.0 1.0 1.0 1.0	-53.2 -49.4 -49.5 -52.3 -47.4	-13.0 -13.0 -13.0 -13.0 -13.0	-40.2 -36.4 -36.5 -39.3 -34.4	
	12132873 3/13/2018 30005 RA EUT + Support Chamber B GPRS 850 MH: Ant. Pot. (HV) V V V H H H H H H H GOOD SOON SOON SOON SOON SOON SOON SOON S	12132873 2713/2016 29005 RA 2000 RA	12132873 27132078 39005 RA 39005 RA	12132873 27132078 39005 RA 27132078 39005 RA 27132078 39005 RA 271232873 27132078 39005 RA 271232873 2	12132873 37132018 39005 RA 39005 RA	1213273 37132018 39005 RA 39005 RA	12/13/27/13 39/13/2018 39	12/13/27/3 39/13/2018 39/	Project #: Date: Test Engine Support Equipment Chamber # Configuration Configurati	Project #: Date: Test Engineer: Configuration: Location: Mode:	12122373 391058	1232373 39005 RA 20005 RA	Project #: 12132873	Project #: 31120273	Project # 2123273	Project # 12103273	Project # 1203873

9.1.2. **WCDMA**

	Ab	ove 1GHz Hi		on Service cy Substit		suremen	t				Ab	U ove 1GHz Hi	L Verification			suremen	t	
company: roject #: tate: est Engineer: configuration: ocation: lode:	SOMC 1212973 3/7,2018 16069 OQ EUT + SUPPORT EQUIPMENT Chamber A Relid® Band 2 Harmonics								Company: Project #: Date: Test Engli Configura Location: Mode:	neer: tion:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B HSDPA Band 2	RT EQUIPMENT						
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
w Ch, 1852.4MHz 14.80 -19.1 57.20 -16.5 19.60 -14.5 14.80 -19.8 57.20 -16.7 19.60 -14.7	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.9 35.5 35.7 35.9 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-53.9 -51.0 -49.2 -54.7 -51.2 -49.5	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.9 -38.0 -36.2 -41.7 -38.2 -36.5		Low Ch, 18 3704.80 5557.20 7409.60 3704.80 5557.20 7409.60	-18.1 -15.6 -16.1 -19.1 -16.3 -15.0	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.9 35.5 35.7 35.9 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-52.9 -50.0 -50.8 -54.0 -50.8 -49.8	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-39.9 -37.0 -37.8 -41.0 -37.8 -36.8	
8 Ch, 1880MHz 10.00 -18.8 10.00 -15.9 10.00 -14.3 10.00 -18.3 10.00 -16.3 10.00 -16.3	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.7 35.8 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-53.6 -50.4 -49.1 -53.2 -50.8 -51.0	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.6 -37.4 -36.1 -40.2 -37.8 -38.0		Mid Ch, 18 3760.00 5640.00 7520.00 3760.00 5640.00 7520.00	-18.9 -16.5 -15.3 -19.1 -16.9 -13.9	V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.7 35.8 35.5 35.7	1.0 1.0 1.0 1.0 1.0	-53.7 -51.0 -50.1 -53.9 -51.4 -48.6	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.7 -38.0 -37.1 -40.9 -38.4 -35.6	
h Ch, 1907.6MHz 15.20 -17.5 12.80 -16.0 10.40 -15.2 15.20 -18.1 12.80 -16.0 10.40 -14.7	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.8 35.8 35.5 35.5	1.0 1.0 1.0 1.0 1.0	-52.3 -50.5 -50.0 -52.9 -50.5 -49.4	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-39.3 -37.5 -37.0 -39.9 -37.5 -36.4		High Ch, 11 3815.20 5722.80 7630.40 3815.20 5722.80 7630.40	-18.6 -16.4 -16.0 -18.5 -15.7 -15.0	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0 3.0	35.8 35.5 35.8 35.8 35.5 35.5	1.0 1.0 1.0 1.0 1.0	-53.4 -50.9 -50.7 -53.3 -50.2 -49.7	-13.0 -13.0 -13.0 -13.0 -13.0 -13.0	-40.4 -37.9 -37.7 -40.3 -37.2 -36.7	
ompany: oject #:	Ab SOMC 12132873	CDN U nove 1GHz Hi	L Verification	on Service	s, Inc.				Company: Project #:		Ab SOMC 12132873	CDM. U POVE 1GHZ HI	L Verification	on Services	s, Inc.			
mpany: :- loct #: te: st Engineer: nfiguration: cation: de:	Ab SOMC 12132873 3/9/2018 16069 OG	U ove 1GHz Hi	L Verification	on Service	s, Inc.				Company Project #: Date: Test Engi Configura Location: Mode:	neer: tion:	Ab SOMC 12132873 3/9/2018 16069 OG	U nove 1GHz Hi	L Verification	on Services	s, Inc.			
oject #: te: st Engineer: nfiguration: cation:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B Rel99 Band 4 h	U ove 1GHz Hi	L Verification	on Service	s, Inc.			Notes	Project #: Date: Test Engli Configura Location:	SG reading	Ab SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B	U nove 1GHz Hi	L Verification	on Services	s, Inc.			Notes
	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B Rel99 Band 4 h	U U OVE 1GHz Hi	L Verification gh Frequen Preamp	on Service cy Substit	s, Inc. ution Mea	suremen	Delta	Notes	Project #: Date: Test Engin Configura Location: Mode: f MHz Low Ch, 17 3424.80 5137.20 6849.60 6849.60	SG reading (dBm) 12.4MHz -20.0 -15.9 -16.3 -20.4 -15.0 -14.5	Abd SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B HSDPA Band 4	U DOVE 1GHZ HI	L Verification gh Frequen	on Services cy Substit	s, Inc. ution Mea	Limit	Delta	Notes
olicit #: te: st Engineer: Infiguration: cation: cation: de:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B Rei99 Band 4 h	U U OVE 1GHZ HI OV	Preamp (dB) 36.1 35.4 35.7 36.1	Filter (dB) 1.0 1.0 1.0	EIRP (dBm) -55,4 -48,8 -50,3 -55,5 -49,9	Limit (dBm) -13.0 -13.0 -13.0 -13.0	Delta (dB) 42.4 -35.8 -37.3 -42.5 -36.9	Notes	Project #: Date: Test Engli Configura Location: Mode: f f MHz Low Ch, 17 3424.80 3424.80 3424.80 3424.80	SG reading (dBm) 12.4MHz -20.9 -20.9 -16.3 -20.4 -15.9 -16.3 -20.4 -15.9 -20.3 -15.9 -16.5 -19.7 -16.6 -19.7 -16.5	Ab SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B HSDPA Band 4 Ant. Pol. (H/V) V	U Vove 1GHz Hill RRT EQUIPMENT I Harmonics Distance (m) 3.0 3.0 3.0 3.0 3.0	Preamp (dB) 36.1 35.4 35.7 36.1 35.4	Filter (dB) 1.0 1.0 1.0	EIRP (dBm) -55.0 -50.9 -55.5 -49.5	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -42.0 -37.9 -42.5 -36.5	Notes

9.1.3. **LTE BAND 2**

Company: Project #:	SOMC								1									
officers. est Engineer: onfiguration: ocation: lode:	12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B	RT EQUIPMENT and 2 Harmonics,		width					Company: Project #: Date: Test Engin Configurati Location: Mode:		SOMC 12132873 3/9/2018 16069 OG EUT + SUPPOI Chamber B LTE_16QAM B			dwidth				
f SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes	1	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz (dBm) .ow Ch, 1850.7MHz 1701.40 -19.8	(H/V)	(m)	(dB) 35.9	(dB)	(dBm) -54.7	(dBm) -13.0	(dB) -41.7		MHz Low Ch, 185 3701.40	(dBm) 60.7MHz -19.8	(H/V)	(m) 3.0	(dB) 35.9	(dB)	(dBm) -54.7	(dBm) -13.0	(dB) -41.7	
5552.10 -14.7 7402.80 -13.4	V	3.0 3.0 3.0	35.5 35.7	1.0	-49.1 -48.1	-13.0 -13.0	-36.1 -35.1		5552.10 7402.80	-15.0 -13.9	V	3.0 3.0	35.5 35.7	1.0 1.0	-49.5 -48.6	-13.0 -13.0	-36.5 -35.6	
701.40 -19.3 552.10 -15.4	H	3.0 3.0	35.9 35.5	1.0	-54.1 -49.9	-13.0 -13.0	-41.1 -36.9		3701.40 5552.10	-19.4 -15.5	H	3.0 3.0	35.9 35.5	1.0	-54.2 -50.0	-13.0 -13.0	-41.2 -37.0	
402.80 -13.4 Mid Ch, 1880MHz	н	3.0	35.7	1.0	-48.1	-13.0	-35.1		7402.80 Mid Ch, 188		н	3.0	35.7	1.0	-48.2	-13.0	-35.2	
3760.00 -18.3 5640.00 -14.3 7520.00 -13.6	v	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.1 -48.8 -48.3	-13.0 -13.0 -13.0	-40.1 -35.8 -35.3		3760.00 5640.00 7520.00	-19.1 -15.0 -14.0	v	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.9 -49.5 -48.7	-13.0 -13.0 -13.0	-40.9 -36.5 -35.7	
760.00 -18.2 640.00 -15.4	H	3.0	35.8 35.5	1.0	-53.0 -49.9	-13.0 -13.0	-40.0 -36.9		3760.00 5640.00	-18.2 -15.2	H	3.0	35.8 35.5	1.0	-53.0 -49.7	-13.0 -13.0	-40.0 -36.7	
520.00 -13.2 ligh Ch, 1909.3MHz	н	3.0	35.7	1.0	-47.9	-13.0	-34.9		7520.00 High Ch, 19	-13.0 09.3MHz	н	3.0	35.7	1.0	-47.7	-13.0	-34.7	
818.60 -18.3 727.90 -14.2	V	3.0 3.0	35.8 35.5	1.0	-53.1 -48.7	-13.0 -13.0	-40.1 -35.7		3818.60 5727.90	-18.2 -14.9	v	3.0 3.0	35.8 35.5	1.0	-52.9 -49.4	-13.0 -13.0	-39.9 -36.4	
637.20 -14.3 818.60 -18.6 727.90 -14.8	H	3.0 3.0 3.0	35.8 35.8 35.5	1.0 1.0 1.0	-49.1 -53.4 -49.3	-13.0 -13.0 -13.0	-36.1 -40.4 -36.3		7637.20 3818.60 5727.90	-13.8 -18.6 -14.9	H	3.0 3.0 3.0	35.8 35.8 35.5	1.0 1.0 1.0	-48.5 -53.4 -49.4	-13.0 -13.0 -13.0	-35.5 -40.4 -36.4	
537.20 -8.8	Ĥ	3.0	35.8	1.0	-43.6	-13.0	-30.6		7637.20	-12.0	Ĥ	3.0	35.8	1.0	-46.8	-13.0	-33.8	
	Ι.	TE B	214	1MH	z Q	PSI	<				ΙT	E B2	714	MH	z 16	QΑ	M	
		U	L Verification	on Service	s, Inc.							U	L Verification	n Service	s, Inc.			
Company: Project #: Jate: Test Engineer: Configuration: Location: Mode:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B	RT EQUIPMENT and 2 Harmonics.			ution Mea	asuremen	t		Company: Project #: Date: Test Engin Configurati Location: Mode:		SOMC 12132873 3/9/2018 16069 OG EUT + SUPPOI Chamber B LTE_16QAM B				ution Me	asuremen		
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
ow Ch, 1851.5MHz 3703.00 -19.7	v	3.0	35.9	1.0	-54.6	-13.0	-41.6		Low Ch, 185 3703.00	-19.6	v	3.0	35.9	1.0	-54.5	-13.0	41.5	
554.50 -14.8 406.00 -13.6 1703.00 -18.7	V V	3.0 3.0 3.0	35.5 35.7 35.9	1.0 1.0 1.0	-49.3 -48.3 -53.6	-13.0 -13.0 -13.0	-36.3 -35.3 -40.6		5554.50 7406.00 3703.00	-15.0 -13.6 -18.9	v	3.0 3.0 3.0	35.5 35.7 35.9	1.0 1.0	-49.5 -48.3 -53.8	-13.0 -13.0 -13.0	-36.5 -35.3 -40.8	
554.50 -16.0 406.00 -12.1	H	3.0 3.0	35.5 35.7	1.0	-50.5 -46.8	-13.0 -13.0	-37.5 -33.8		5554.50 7406.00	-15.9 -12.4	H	3.0	35.5 35.7	1.0	-50.3 -47.1	-13.0 -13.0	-37.3 -34.1	
fid Ch, 1880MHz 760.00 -19.4	v	3.0	35.8	1.0	-54.3	-13.0	-41.3		Mid Ch, 188 3760.00	0MHz -19.4	v	3.0	35.8	1.0	-54.2	-13.0	-41.2	
640.00 -15.6 520.00 -11.8 760.00 -19.3	v	3.0 3.0 3.0	35.5 35.7 35.8	1.0 1.0 1.0	-50.1 -46.6 -54.1	-13.0 -13.0 -13.0	-37.1 -33.6 -41.1		5640.00 7520.00 3760.00	-15.5 -13.1 -19.4	v	3.0 3.0 3.0	35.5 35.7 35.8	1.0 1.0 1.0	-50.0 -47.8 -54.2	-13.0 -13.0 -13.0	-37.0 -34.8 -41.2	
640.00 -15.4 520.00 -13.3	H	3.0 3.0	35.5 35.7	1.0	-49.9 -48.0	-13.0 -13.0	-36.9 -35.0		5640.00 7520.00	-15.2 -13.1	H	3.0	35.5 35.7	1.0	-49.7 -47.9	-13.0 -13.0	-36.7 -34.9	
ligh Ch, 1908.5MHz 817.00 -18.5	V	3.0	35.8	1.0	-53.3	-13.0	-40.3		High Ch, 19 3817.00	08.5MHz -18.8	v	3.0	35.8	1.0	-53.6	-13.0	-40.6	
5725.50 -13.5 7634.00 -11.4 3817.00 -18.3	v	3.0 3.0 3.0	35.5 35.8 35.8	1.0 1.0 1.0	-48.0 -46.2 -53.1	-13.0 -13.0 -13.0	-35.0 -33.2 -40.1		5725.50 7634.00 3817.00	-15.1 -12.1 -18.7	v	3.0 3.0 3.0	35.5 35.8 35.8	1.0 1.0 1.0	-49.6 -46.8 -53.5	-13.0 -13.0 -13.0	-36.6 -33.8 -40.5	
725.50 -13.0 634.00 -13.8	H	3.0 3.0	35.5 35.8	1.0	-47.5 -48.6	-13.0 -13.0	-34.5 -35.6		5725.50 7634.00	-13.3 -14.2	H	3.0 3.0	35.5 35.8	1.0	-47.8 -49.0	-13.0 -13.0	-34.8 -36.0	
		TE	22.21	N / L J -	. 0	ne iz						TE B	2 21	/LJ	160) A N	1	
	L		DZ 3			3N							L Verification			YAIN	<u>′1</u>	
	Ab	ove 1GHz Hi				asuremen	t					ove 1GHz H				asuremen	t	
Company: Project #: Jate: Test Engineer: Configuration: Location: Mode:	Chamber B	RT EQUIPMENT and 2 Harmonics,		dth					Company: Project #: Date: Test Engin Configurati Location: Mode:	eer: on:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPOI Chamber B LTE_16QAM B			eidth				
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1852.5MHz 3705.00 -19.5	v	3.0	35.9	1.0	-54.4	-13.0	-41.4		Low Ch, 185 3705,00	52.5MHz -19.2	v	3.0	35.9	1.0	-54.1	-13.0	-41.1	
557.50 -15.9 410.00 -14.1 705.00 -18.8	V	3.0 3.0 3.0	35.5 35.7 35.9	1.0 1.0 1.0	-50.4 -48.9 -53.6	-13.0 -13.0 -13.0	-37.4 -35.9 -40.6		5557.50 7410.00 3705.00	-16.0 -14.2 -19.0	V	3.0 3.0 3.0	35.5 35.7 35.9	1.0 1.0 1.0	-50.5 -49.0 -53.9	-13.0 -13.0 -13.0	-37.5 -36.0 -40.9	
557.50 -14.5 410.00 -12.3	H	3.0 3.0	35.5 35.7	1.0	-49.0 -47.0	-13.0 -13.0	-36.0 -34.0		5557.50 7410.00	-14.6 -12.7	H	3.0 3.0	35.5 35.7	1.0	-49.1 -47.4	-13.0 -13.0	-36.1 -34.4	
lid Ch, 1880MHz 760.00 -19.4	v	3.0	35.8	1.0	-54.2	-13.0	-41.2		Mid Ch, 188 3760.00	0MHz -19.6	٧	3.0	35.8	1.0	-54.4	-13.0	-41.4	
640.00 -15.6 520.00 -12.1 760.00 -19.1	v v	3.0 3.0 3.0	35.5 35.7 35.8	1.0 1.0 1.0	-50.1 -46.8 -53.9	-13.0 -13.0 -13.0	-37.1 -33.8 -40.9		5640.00 7520.00 3760.00	-15.5 -12.8 -18.9	V	3.0 3.0 3.0	35.5 35.7 35.8	1.0 1.0 1.0	-50.0 -47.5 -53.7	-13.0 -13.0 -13.0	-37.0 -34.5 -40.7	
540.00 -15.8 520.00 -13.1	H	3.0 3.0 3.0	35.8 35.5 35.7	1.0	-53.9 -50.3 -47.9	-13.0 -13.0 -13.0	-40.9 -37.3 -34.9		5640.00 7520.00	-18.9 -15.7 -13.4	H	3.0 3.0 3.0	35.8 35.5 35.7	1.0	-53.7 -50.2 -48.1	-13.0 -13.0 -13.0	-40.7 -37.2 -35.1	
ligh Ch, 1907.5MHz 815.00 -18.0	v	3.0	35.8	1.0	-52.8	-13.0	-39.8		High Ch, 19 3815.00	07.5MHz -17.9	v	3.0	35.8	1.0	-52.7	-13.0	-39.7	
5722.50 -14.9 7630.00 -13.2 3815.00 -18.5	V	3.0 3.0 3.0	35.5 35.8 35.8	1.0 1.0 1.0	-49.4 -47.9 -53.3	-13.0 -13.0 -13.0	-36.4 -34.9 -40.3		5722.50 7630.00 3815.00	-15.1 -13.4 -18.5	V	3.0 3.0 3.0	35.5 35.8 35.8	1.0 1.0 1.0	-49.6 -48.2 -53.3	-13.0 -13.0 -13.0	-36.6 -35.2 -40.3	
722.50 -13.1 630.00 -12.2	H	3.0 3.0	35.5 35.8	1.0	-03.3 -47.6 -47.0	-13.0 -13.0 -13.0	-34.6 -34.0		5722.50 7630.00	-18.5 -13.1 -12.3	H	3.0 3.0	35.5 35.8	1.0	-47.6 -47.1	-13.0 -13.0 -13.0	-34.6 -34.1	

Company: Project #: Date:	SOMC																	
est Engineer: onfiguration: ocation: ode:	Chamber B	RT EQUIPMENT and 2 Harmonics		ridth					Company: Project #: Date: Test Engir Configurat Location: Mode:		SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B LTE_16QAM B			dwidth				
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading	Ant. Pol. (H/V)	Distance	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
w Ch, 1855MHz 10.00 -19.8	V	(m) 3.0	35.9	1.0	-54.6	-13.0	-41.6		Low Ch, 18 3710.00	55MHz -19.5	V	(m) 3.0	35.9	1.0	-54.4	-13.0	-41.4	
65.00 -14.6 20.00 -12.9 10.00 -19.3	V H	3.0 3.0 3.0	35.5 35.7 35.9	1.0 1.0 1.0	-49.1 -47.6 -54.1	-13.0 -13.0 -13.0	-36.1 -34.6 -41.1		5565.00 7420.00 3710.00	-14.7 -13.0 -19.1	V H	3.0 3.0 3.0	35.5 35.7 35.9	1.0 1.0 1.0	-49.2 -47.8 -53.9	-13.0 -13.0 -13.0	-36.2 -34.8 -40.9	
565.00 -15.4 120.00 -13.4 id Ch, 1880MHz	H	3.0 3.0	35.5 35.7	1.0	-49.9 -48.1	-13.0 -13.0	-36.9 -35.1		5565.00 7420.00 Mid Ch, 188		H	3.0 3.0	35.5 35.7	1.0	-49.7 -48.2	-13.0 -13.0	-36.7 -35.2	
760.00 -18.3 640.00 -14.3 520.00 -12.6	V	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.1 -48.8 -47.3	-13.0 -13.0 -13.0	-40.1 -35.8 -34.3		3760.00 5640.00 7520.00	-18.1 -14.5 -12.8	V	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-52.9 -49.0 -47.5	-13.0 -13.0 -13.0	-39.9 -36.0 -34.5	
760.00 -18.2 640.00 -15.4 520.00 -13.2	H	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.0 -49.9 -47.9	-13.0 -13.0 -13.0	-40.0 -36.9 -34.9		3760.00 5640.00 7520.00	-18.3 -15.0 -13.0	H	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.1 -49.5 -47.8	-13.0 -13.0 -13.0	-40.1 -36.5 -34.8	
High Ch, 1905MHz 1810.00 -18.3 1715.00 -14.2	V	3.0 3.0	35.8 35.5	1.0	-53.1 -48.7	-13.0 -13.0	-40.1 -35.7		High Ch, 19 3810.00 5715.00		V	3.0 3.0	35.8 35.5	1.0	-53.6 -49.7	-13.0 -13.0	-40.6 -36.7	
620.00 -14.3 810.00 -18.6 715.00 -14.8	V H	3.0 3.0 3.0	35.8 35.8 35.5	1.0 1.0	-49.1 -53.4 -49.3	-13.0 -13.0 -13.0	-36.1 -40.4 -36.3		7620.00 3810.00 5715.00	-14.4 -18.7 -14.9	V H	3.0 3.0 3.0	35.8 35.8 35.5	1.0 1.0 1.0	-49.1 -53.5 -49.4	-13.0 -13.0 -13.0	-36.1 -40.5 -36.4	
715,00 -14.8 520,00 -10.8	H	3.0	35.8	1.0	-45.6	-13.0	-32.6		7620.00	-11.2	H	3.0	35.8	1.0	-49.4 -46.0	-13.0	-33.0	
	L	TE B	2 10	МН	z Ql	PSK	(L٦	E B	2 10	MHz	<u>.</u> 16	QAI	М	
	Ab	U ove 1GHz Hi	L Verification			suremen	t		1		1 10		L Verification	on Service	s, Inc.			
company: project #: bate: est Engineer: configuration: cocation: fode:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B	RT EQUIPMENT nd 2 Harmonics,							Company: Project #: Date: Test Engir Configurat Location: Mode:		SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B LTE_16QAM B	RT EQUIPMEN	r					
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
ow Ch, 1857.5MHz 715.00 -19.8 572.50 -14.3	V	3.0 3.0	35.8 35.5	1.0	-54.6 -48.7	-13.0 -13.0	-41.6 -35.7		Low Ch, 18 3715.00 5572.50	57.5MHz -19.6 -15.1	v	3.0 3.0	35.8 35.5	1.0	-54.5 -49.6	-13.0 -13.0	-41.5 -36.6	
430.00 -13.1 715.00 -19.3 572.50 -15.3	V H	3.0 3.0 3.0	35.7 35.8 35.5	1.0 1.0 1.0	-47.8 -54.2 -49.8	-13.0 -13.0 -13.0	-34.8 -41.2 -36.8		7430.00 3715.00 5572.50	-13.3 -19.5 -15.3	V H	3.0 3.0 3.0	35.7 35.8 35.5	1.0 1.0 1.0	-48.1 -54.3 -49.8	-13.0 -13.0 -13.0	-35.1 -41.3 -36.8	
430.00 -13.1 lid Ch, 1880MHz 760.00 -18.1	Ĥ	3.0	35.7 35.8	1.0	-47.9 -52.9	-13.0 -13.0	-34.9 -39.9		7430.00 Mid Ch, 188 3760.00	-13.1	H	3.0	35.7 35.8	1.0	-47.9 -52.9	-13.0 -13.0	-34.9	
640.00 -14.4 '520.00 -12.9	v v	3.0 3.0	35.5 35.7	1.0	-48.9 -47.6	-13.0 -13.0	-35.9 -34.6		5640.00 7520.00	-14.4 -12.9	v v	3.0 3.0	35.5 35.7	1.0	-48.9 -47.6	-13.0 -13.0	-35.9 -34.6	
760.00 -18.2 640.00 -15.2 520.00 -13.1	H	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.0 -49.6 -47.9	-13.0 -13.0 -13.0	-40.0 -36.6 -34.9		3760.00 5640.00 7520.00	-18.2 -15.1 -13.1	H	3.0 3.0 3.0	35.8 35.5 35.7	1.0 1.0 1.0	-53.0 -49.6 -47.8	-13.0 -13.0 -13.0	-40.0 -36.6 -34.8	
High Ch, 1902.5MHz 1805.00 -18.0 1707.50 -14.5	V	3.0 3.0	35.8 35.5	1.0	-52.7 -49.0	-13.0 -13.0	-39.7 -36.0		3805.00 5707.50	-17.9 -14.1	V	3.0 3.0	35.8 35.5	1.0	-52.6 -48.6	-13.0 -13.0	-39.6 -35.6	
610.00 -14.3 805.00 -18.8 707.50 -14.8 610.00 -11.2	H H H	3.0 3.0 3.0 3.0	35.8 35.8 35.5 35.8	1.0 1.0 1.0 1.0	-49.1 -53.6 -49.3 -46.0	-13.0 -13.0 -13.0 -13.0	-36.1 -40.6 -36.3 -33.0		7610.00 3805.00 5707.50 7610.00	-13.8 -18.8 -15.1 -11.3	H H H	3.0 3.0 3.0 3.0	35.8 35.8 35.5 35.8	1.0 1.0 1.0 1.0	-48.5 -53.6 -49.6 -46.0	-13.0 -13.0 -13.0 -13.0	-35.5 -40.6 -36.6 -33.0	
	L	TE B	2 15	мн	z Ql	PSk	(L٦	E B	2 15	MHz	z 16	QAI	M	
	Ab	U ove 1GHz Hi	L Verification			suremen	t				Ab	U ove 1GHz Hi	L Verification			suremen	t	
Company: Project #: Date: Sest Engineer: Configuration: Location: Adde:	Chamber B	RT EQUIPMENT nd 2 Harmonics,		eidth					Company: Project #: Date: Test Engir Configurat Location: Mode:	neer: ion:	SOMC 12132873 3/9/2018 16069 OG EUT + SUPPO Chamber B LTE_16QAM B			dwidth				
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
ow Ch, 1860MHz 720.00 -19.4 580.00 -15.1	V	3.0 3.0	35.8 35.5	1.0	-54.2 -49.6	-13.0 -13.0	-41.2 -36.6		Low Ch, 18 3720.00 5580.00	-19.1 -15.2	V	3.0 3.0	35.8 35.5	1.0	-54.0 -49.6	-13.0 -13.0	-41.0 -36.6	
440.00 -13.3 720.00 -19.0 580.00 -15.3	H H	3.0 3.0 3.0	35.7 35.8 35.5	1.0 1.0 1.0	-48.1 -53.8 -49.7	-13.0 -13.0 -13.0	-35.1 -40.8 -36.7		7440.00 3720.00 5580.00	-13.0 -19.0 -15.5	H	3.0 3.0 3.0	35.7 35.8 35.5	1.0 1.0 1.0	-47.7 -53.8 -50.0	-13.0 -13.0 -13.0	-34.7 -40.8 -37.0	
440.00 -12.7 lid Ch, 1880MHz 760.00 -18.1	H V	3.0	35.7 35.8	1.0	-47.4 -52.9	-13.0 -13.0	-34.4		7440.00 Mid Ch, 188 3760.00	-12.3 BOMHz -17.9	H V	3.0	35.7 35.8	1.0	-47.1 -52.8	-13.0 -13.0	-34.1 -39.8	
40.00 -14.3 20.00 -12.9 60.00 -18.2	V V H	3.0 3.0 3.0	35.5 35.7 35.8	1.0 1.0 1.0	-48.8 -47.6 -53.0	-13.0 -13.0 -13.0	-35.8 -34.6 -40.0		5640.00 7520.00 3760.00	-14.6 -12.9 -18.3	V	3.0 3.0 3.0	35.5 35.7 35.8	1.0 1.0 1.0	-49.1 -47.7 -53.1	-13.0 -13.0 -13.0	-36.1 -34.7 -40.1	
540.00 -15.4 520.00 -13.1	H	3.0 3.0	35.5 35.7	1.0	-49.9 -47.9	-13.0 -13.0	-36.9 -34.9		5640.00 7520.00 High Ch, 19	-15.4 -13.4	H	3.0	35.5 35.7	1.0	-49.9 -48.1	-13.0 -13.0	-36.9 -35.1	
High Ch, 1900MHz 1800.00 -19.0 1700.00 -14.5 1600.00 -14.3	V	3.0 3.0 3.0	35.8 35.5 35.8	1.0 1.0 1.0	-53.8 -49.0 -49.1	-13.0 -13.0 -13.0	-40.8 -36.0 -36.1		3800.00 5700.00 7600.00	-19.5 -14.0 -13.6	V	3.0 3.0 3.0	35.8 35.5 35.8	1.0	-54.3 -48.5 -48.4	-13.0 -13.0 -13.0	-41.3 -35.5 -35.4	
8800.00 -18.7 5700.00 -14.8	H	3.0 3.0	35.8 35.5	1.0	-53.4 -49.3	-13.0 -13.0	-40.4 -36.3		3800.00 5700.00	-18.6 -15.0	H	3.0	35.8 35.5	1.0 1.0 1.0	-48.4 -53.4 -49.5 -45.9	-13.0 -13.0	-40.4 -36.5	
600,00 -11.3	н	3.0	35.8	1.0	-46.0	-13.0	-33.0		7600,00	-11.2	н	3.0	35.8	1.0	-45.9	-13.0	-32.9	

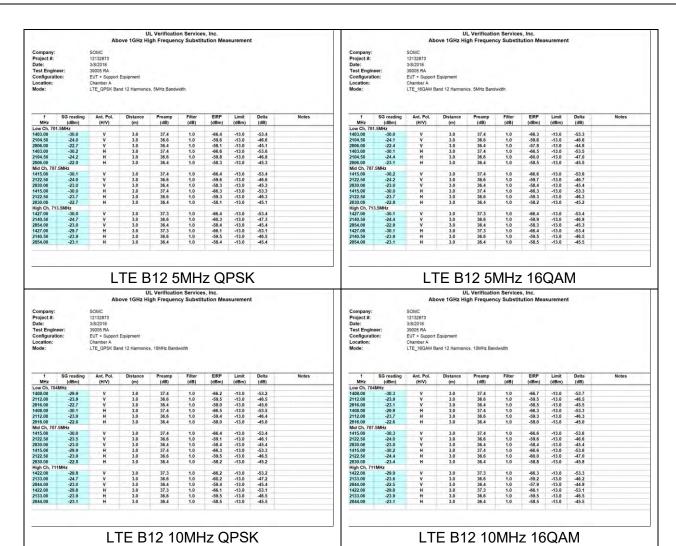
9.1.4. **LTE BAND 4**

	Ab	U ove 1GHz Hi	L Verification			asurement						Ab	U ove 1GHz Hi	L Verification			suremen	it	
Company: Project #: Date: Test Engineer: Configuration: Location: Mode:	SOMC 12132873 3/13/2018 39005 RA EUT + Support Chamber B								Pr Da Te Ce Le	ompany; roject #: ate: est Engine onfiguratio ocation: ode;	er: n:	SOMC 12132873 3/13/2018 39005 RA EUT + Support Chamber B							
f SG readin	ng Ant. Pol.	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	- -	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1710.7MHz 3421.40 -19.9 5132.10 -15.6	V	3.0 3.0	36.1 35.4	1.0	-55.0 -50.1	-13.0 -13.0	-42.0 -37.1		34 51	w Ch, 171 21.40 32.10	.7MHz -19.7 -16.0	V	3.0 3.0	36.1 35.4	1.0	-54.7 -50.5	-13.0 -13.0	-41.7 -37.5	
6842.80 -14.7 3421.40 -19.9 5132.10 -15.6	V H H	3.0 3.0 3.0	35.7 36.1 35.4	1.0 1.0 1.0	-49.3 -55.0 -50.0	-13.0 -13.0 -13.0	-36.3 -42.0 -37.0		34 51	42.80 21.40 32.10	-14.8 -20.5 -16.0	V H H	3.0 3.0 3.0	35.7 36.1 35.4	1.0 1.0 1.0	-49.4 -55.5 -50.4	-13.0 -13.0 -13.0	-36.4 -42.5 -37.4	
6842.80 -13.6 Mid Ch, 1732.5MHz 3465.00 -20.0 5197.50 -16.1	V V	3.0 3.0 3.0	35.7 36.0 35.4	1.0	-48.3 -55.0 -50.5	-13.0 -13.0	-35.3 -42.0 -37.5		Mi 34	42.80 d Ch. 1732 65.00 97.50	-14.0 -5MHz -19.8 -16.1	V	3.0 3.0 3.0	35.7 36.0 35.4	1.0	-48.6 -54.8 -50.5	-13.0 -13.0	-35.6 -41.8 -37.5	
6930.00 -15.5 3465.00 -18.7 5197.50 -14.7	V H	3.0 3.0 3.0	35.7 36.0 35.4	1.0 1.0 1.0	-50.2 -53.8 -49.1	-13.0 -13.0 -13.0	-37.2 -40.8 -36.1		69 34	30.00 65.00 97.50	-15.3 -19.3 -14.8	V H	3.0 3.0 3.0 3.0	35.7 36.0 35.4	1.0 1.0 1.0	-49.9 -54.4 -49.2	-13.0 -13.0 -13.0	-36.9 -41.4 -36.2	
6930.00 -13.1 High Ch, 1754.3MHz 3508.60 -20.0	H	3.0	35.7	1.0	-47.8 -55.0	-13.0 -13.0	-34.8 -42.0		69	30.00 gh Ch, 175 08.60	-13.3	H	3.0	35.7	1.0	-47.9 -55.0	-13.0 -13.0	-34.9 -42.0	
5262.90 -16.5 7017.20 -14.6 3508.60 -19.6	V V	3.0 3.0 3.0	35.4 35.7 36.0	1.0 1.0 1.0	-50.9 -49.2 -54.6	-13.0 -13.0 -13.0	-37.9 -36.2 -41.6		52 70	62.90 17.20 608.60	-16.5 -14.4 -19.6	V V	3.0 3.0 3.0	35.4 35.7 36.0	1.0 1.0 1.0	-51.0 -49.1 -54.6	-13.0 -13.0 -13.0	-38.0 -36.1 -41.6	
5262.90 -15.3 7017.20 -13.0	H	3,0 3.0	35.4 35.7	1.0	-49.7 -47.6	-13.0 -13.0	-36.7 -34.6		52	62.90 117.20	-15.1 -12.8	H	3.0 3.0	35.4 35.7	1.0	-49.5 -47.5	-13.0 -13.0	-36.5 -34.5	
	L.	TE B	4 1.4	4M⊦	łz Q	PSŁ	<					LT	E B4	1.4	MH	z 16	QA	М	
	Ab	U ove 1GHz Hi	L Verification			asurement						Ab	U ove 1GHz Hi	L Verification	on Service	s, Inc. tution Mea	asuremen	it	
Company: Project #: Date:	SOMC 12132873 3/13/2018								Pr Da	ompany: roject #: ate:		SOMC 12132873 3/13/2018							
Test Engineer: Configuration: Location: Mode:	39005 RA EUT + Support Chamber B LTE_QPSK Ba	Equipment and 4 Harmonics.	3MHz Bandw	eidth					Lo	est Engine onfiguration ocation: ode:	n:	39005 RA EUT + Support Chamber B LTE_16QAM E	Equipment Band 4 Harmonic	s, 3MHz Bandv	vidth				
f SG readin MHz (dBm)	g Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes		f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1711.5MHz 3423.00 -20.3 5134.50 -16.2 6846.00 -14.9	V V	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-55.3 -50.6 -49.6	-13.0 -13.0 -13.0	-42.3 -37.6 -36.6		34 51	ow Ch, 171 123.00 134.50 146.00	-20.1 -15.8 -14.7	V V	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-55.1 -50.3 -49.4	-13.0 -13.0 -13.0	-42.1 -37.3 -36.4	
3423.00 -19.8 5134.50 -15.2 6846.00 -13.7	H	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-54.9 -49.6 -48.4	-13.0 -13.0 -13.0	-41.9 -36.6 -35.4		34 51	23.00 34.50 46.00	-20.0 -15.2 -13.0	H	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-55.0 -49.6 -47.7	-13.0 -13.0 -13.0	-42.0 -36.6 -34.7	
Mid Ch, 1732.5MHz 3465.00 -19.6 5197.50 -16.0	V V	3.0 3.0	36.0 35.4	1.0	-54.6 -50.4	-13.0 -13.0	-41.6 -37.4		34 51	id Ch. 1732 65.00 97.50	-19.8 -16.0	v	3.0 3.0	36.0 35.4	1.0	-54.8 -50.4	-13.0 -13.0	-41.8 -37.4	
6930.00 -15.4 3465.00 -19.7 5197.50 -15.6	H H	3.0 3.0 3.0	35.7 36.0 35.4	1.0 1.0 1.0	-50.1 -54.7 -50.0	-13.0 -13.0 -13.0	-37.1 -41.7 -37.0		34 51	30.00 65.00 97.50	-15.1 -19.7 -15.6	H H	3.0 3.0 3.0	35.7 36.0 35.4	1.0 1.0 1.0	-49.8 -54.7 -50.0	-13.0 -13.0 -13.0	-36.8 -41.7 -37.0	
6930.00 -12.8 High Ch, 1753.5MHz 3507.00 -19.6 5260.50 -17.0	V V	3.0 3.0 3.0	35.7 36.0	1.0 1.0 1.0	-47.4 -54.6 -51.4	-13.0 -13.0 -13.0	-34.4 -41.6 -38.4		Hi 35	30.00 gh Ch, 175 67.00 60.50	-12.8 3.5MHz -20.0 -17.0	V	3.0 3.0 3.0	35.7 36.0	1.0 1.0 1.0	-47.4 -55.0 -51.4	-13.0 -13.0 -13.0	-34.4 -42.0 -38.4	
7014.00 -14.5 3507.00 -19.6 5260.50 -15.3	v H H	3.0 3.0 3.0	35.4 35.7 36.0 35.4	1.0 1.0 1.0	-49.2 -54.6 -49.7	-13.0 -13.0 -13.0	-36.2 -41.6 -36.7		70 35 52	14.00 07.00 60.50	-14.9 -19.7 -15.2	V Н	3.0 3.0 3.0	35.4 35.7 36.0 35.4	1.0 1.0 1.0	-49.6 -54.7 -49.7	-13.0 -13.0 -13.0	-36.6 -41.7 -36.7	
7014.00 -13.0	н	3.0	35.7	1.0	-47.7	-13.0	-34.7		70	14.00	-12.8	Н	3.0	35.7	1.0	-47.5	-13.0	-34.5	
	L	TE E	34 3	MH	z QF	PSK						L	TE B	4 31	ЛHz	160	QΑN	Л	
Company: Project #: Date: Test Engineer: Configuration: Location: Mode:	SOMC 12132873 3/13/2018 39005 RA EUT + Support Chamber B	ove 1GHz Hi		ncy Subst		asurement			Pr Di Te Ce Le	ompany; roject #: ate: est Engine onfiguratio ocation: ode;	er: n:	SOMC 12132873 3/13/2018 39005 RA EUT + Support Chamber B	ove 1GHz Hi		cy Substit		asuremen	t	
f SG readin MHz (dBm) Low Ch, 1712.5MHz	(H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Lo	f MHz ow Ch, 171:	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
3425.00 -20.3 5137.50 -16.2 6850.00 -15.0	V V	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-55.4 -50.6 -49.7	-13.0 -13.0 -13.0	-42.4 -37.6 -36.7		34 51 68	25.00 37.50 50.00 25.00	-20.1 -16.3 -14.7	V V V	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-55.1 -50.7 -49.4 -54.6	-13.0 -13.0 -13.0	-42.1 -37.7 -36.4	
3425.00 -19.9 5137.50 -15.2 6850.00 -14.0 Mid Ch, 1732.5MHz	H H H	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-54.9 -49.7 -48.6	-13.0 -13.0 -13.0	-41.9 -36.7 -35.6		51 68	37.50 37.50 50.00 id Ch. 1732	-19.5 -15.5 -13.3	H	3.0 3.0 3.0	36.1 35.4 35.7	1.0 1.0 1.0	-54.6 -49.9 -48.0	-13.0 -13.0 -13.0	-41.6 -36.9 -35.0	
3465.00 -19.7 5197.50 -16.0 6930.00 -15.4	V V V	3.0 3.0 3.0	36.0 35.4 35.7	1.0 1.0 1.0	-54.7 -50.4 -50.1	-13.0 -13.0 -13.0	-41.7 -37.4 -37.1		34 51	65.00 97.50 30.00	-19.7 -15.6 -15.1	v v	3.0 3.0 3.0	36.0 35.4 35.7	1.0 1.0 1.0	-54.7 -50.0 -49.8	-13.0 -13.0 -13.0	-41.7 -37.0 -36.8	
3465.00 -19.3 5197.50 -15.4 6930.00 -13.4	H H H	3.0 3.0 3.0	36.0 35.4 35.7	1.0 1.0 1.0	-54.3 -49.8 -48.0	-13.0 -13.0 -13.0	-41.3 -36.8 -35.0		34 51 69	97.50 30.00	-19.0 -15.4 -13.4	H	3.0 3.0 3.0	36.0 35.4 35.7	1.0 1.0 1.0	-54.0 -49.9 -48.0	-13.0 -13.0 -13.0	-41.0 -36.9 -35.0	
High Ch, 1752.5MHz 3505.00 -19.6 5257.50 -16.4	v v	3.0 3.0	36.0 35.4 35.7	1.0	-54.6 -50.8	-13.0 -13.0	-41.6 -37.8		35 52	gh Ch, 175 05.00 57.50	2.5MHz -20.0 -16.5	V	3.0 3.0	36.0 35.4 35.7	1.0	-55.0 -50.9	-13.0 -13.0	-42.0 -37.9	
7010.00 -14.5 3505.00 -19.6 5257.50 -15.3 7010.00 -13.4	H H	3.0 3.0 3.0	36.0 35.4	1.0 1.0 1.0	-49.2 -54.6 -49.7	-13.0 -13.0 -13.0	-36.2 -41.6 -36.7		35 52	10.00 05.00 57.50	-14.4 -20.0 -15.3	H	3.0 3.0 3.0	36.0 35.4	1.0 1.0 1.0	-49.1 -55.0 -49.8	-13.0 -13.0 -13.0	-36.1 -42.0 -36.8	
7010.00 -13.4	н	3.0	35.7	1.0	-48.1	-13.0	-35.1		70	10.00	-12.7	н	3.0	35.7	1.0	-47.4	-13.0	-34.4	
		T E .	74.5	N // I I	- 05	2014			_ -				TC 5	4 5	/I !-	100	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1	
	L	TE E	J4 J	IVIITA	د <i>ب</i> ۲	SN						ᆫ	TE B	4 3IV	/II7Z	100	\ا\\ \ا\\	/1	

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement
Company: SOMC Project #: 1212873 Date: 3132018 Test Engineer: 36005 RA Configuration: EUT + Support Equipment Location: Chamber B Mode: LTE_QPSK Band 4 Harmonics, 10MHz Bandwidth	Company: SOMC
SG reading Art. Pol. Distance Preamp Filter EliPP Limit Delta Notes	SG reading
LTE B4 10MHz QPSK	LTE B4 10MHz 16QAM
UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: SOMC Project #: 12132873 Date: 31132018 Test Engineer: 39003 RA Configuration: EUT - Support Equipment Location: Chemich #8 Mode: LTE_SPBK Band 4 Harmonics, 15MHz Bandwidth	UL. Verification Services, inc. Above 1GHz High Frequency Substitution Measurement Company: SOMC Project #: 12132873 Date: 3132018 Test Engineer: 3605 RA Configuration: EUT - Support Equipment Location: Chember B Mode: LTE_WGAMI Band 4 Harmonics, 15Mfriz Bandwidth
S S Freading Ant. Pol. Distance Preamp (dB) (dBm) (Formula Frame Filter Girp Limit Delta Motes
LTE B4 15MHz QPSK	LTE B4 15MHz 16QAM
UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: SOMC Project #: 12132873 Date: 3130218 Test Engineer: 3130218 Configuration: EUT - Support Equipment Location: Chamber & Mode: LTE_ZPSK Band 4 Hammonics, 20MHz Bandwidth	UL. Verification Services, inc. Above 1GHz High Frequency Substitution Measurement Company: SOMC Project #: 12/32873 Date: 12/32873 Date: 93/32018 Test: 93/32018 Configuration: EUT - Support Equipment Location: Chamber B Mode: LTE_16CAM Band 4 Harmonics, 2008/sc Bandwidth
S Frading Ant. Pot. Distance Preamp Filter EIRP Limit Delta Motes	Total Content
LTE B4 20MHz QPSK	LTE B4 20MHz 16QAM

9.1.5. **LTE BAND 12**

		Ab	ove 1GHz H	IL Verification			suremen	t				Ab	U ove 1GHz Hi	L Verification gh Frequen			suremen	t	
Company: Project #: Date: Test Engineer Configuration: Location: Mode:		SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba		s, 1.4MHz Ban	dwidth					Company: Project #: Date: Test Engin Configurat Location: Mode:		SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM E	t Equipment Band 12 Harmoni	cs, 1.4MHz Ba	ndwidth				
f S MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 699.7N	MHz									Low Ch, 695	9.7MHz								
1399.40 2099.10	-30.2 -24.0	V	3.0	37.4 36.6	1.0	-66.5 -59.6	-13.0 -13.0	-53.5 -46.6		1399.40 2099.10	-30.2 -24.0	V	3.0	37.4 36.6	1.0	-66.6 -59.6	-13.0 -13.0	-53.6 -46.6	
2798.80	-22.7	V	3.0	36.4	1.0	-58.1	-13.0	-45.1		2798.80	-22.8	V	3.0	36.4	1.0	-58.2	-13.0	-45.2	
1399.40 2099.10	-30.3 -24.4	H	3.0	37.4 36.6	1.0	-66.7 -60.0	-13.0 -13.0	-53.7 -47.0		1399.40 2099.10	-30.3 -24.5	H	3.0	37.4 36.6	1.0	-66.7 -60.0	-13.0 -13.0	-53.7 -47.0	
2798.80	-23.0	H	3.0	36.4	1.0	-58.3	-13.0	-45.3		2798.80	-23.0	н	3.0	36.4	1.0	-58.4	-13.0	-45.4	
Mid Ch, 707.5M 1415.00	-30.1	V	3.0	37.4	1.0	-66.5	-13.0	-53.5		Mid Ch, 707 1415.00	.5MHz -30.2	V	3.0	37.4	1.0	-66.6	-13.0	-53.6	
2122.50	-24.4	v	3.0	36.6	1.0	-59.9	-13.0	-46.9		2122.50	-24.2	v	3.0	36.6	1.0	-59.7	-13.0	-46.7	
2830.00 1415.00	-23.1 -30.2	V	3.0	36.4 37.4	1.0	-58.5 -66.6	-13.0 -13.0	-45.5 -53.6		2830.00 1415.00	-22.9 -30.3	V	3.0	36.4 37.4	1.0	-58.3 -66.6	-13.0 -13.0	-45.3 -53.6	
2122.50	-23.7	н	3.0	36.6	1.0	-59.3	-13.0	-46.3		2122.50	-23.7	н	3.0	36.6	1.0	-59.3	-13.0	-46.3	
2830.00 High Ch. 715.38	-22.7	Н	3.0	36.4	1.0	-58.1	-13.0	-45.1		2830.00 High Ch. 71	-22.8 6 7MHz	Н	3.0	36.4	1.0	-58.2	-13.0	-45.2	
1430.60	-30.0	V	3.0	37.3	1.0	-66.4	-13.0	-53.4		1430.60	-30.1	v	3.0	37.3	1.0	-66.4	-13.0	-53.4	
2145.90 2861.20	-24.8 -23.3	V	3.0	36.6 36.4	1.0	-60.4 -58.7	-13.0 -13.0	-47.4 -45.7		2145.90 2861.20	-24.9 -22.9	V	3.0	36.6 36.4	1.0	-60.5 -58.2	-13.0 -13.0	-47.5 -45.2	
2861.20 1430.60	-30.0	H	3.0	37.3	1.0	-66.3	-13.0	-45.7 -53.3		1430.60	-29.8	H	3.0	37.3	1.0	-66.1	-13.0	-53.1	
2145.90 2861.20	-23.9 -23.2	H	3.0	36.6 36.4	1.0	-59.5 -58.6	-13.0 -13.0	-46.5 -45.6		2145.90 2861.20	-23.9 -22.9	H	3.0	36.6 36.4	1.0	-59.4 -58.3	-13.0 -13.0	-46.4 -45.3	
		LI	E B	12 1	41\/IF	77 (.	ソヒン	K					E B1:	7 T Z	тілін	7 11	\(\) \(\)	1 I / I	
Company: Project #: Date: Test Engineer		SOMC 12132873 3/8/2018 39005 RA	U ove 1GHz Hi	L Verification	on Service	s, Inc.				Company: Project #: Date: Test Engin	eer:	Ab SOMC 12132873 3/8/2018 39005 RA	Ui pove 1GHz Hi	L Verification	on Service	s, Inc.			
Project #: Date: Test Engineer Configuration: Location: Mode: f S MHz	SG reading	SOMC 12132873 3/8/2018	u ove 1GHz Hi	IL Verification	on Service acy Substit	s, Inc.			Notes	Project #: Date: Test Engin Configurat Location: Mode:	SG reading (dBm)	Ab SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A	Ui pove 1GHz Hi	L Verification	on Service acy Substit	s, Inc.			Notes
Project #: Date: Test Engineer Configuration: Location: Mode: f S MHz Low Ch, 700.5h	SG reading (dBm) MHz -30.2	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba	Uove 1GHz Hi Equipment and 12 Harmonic Distance (m) 3.0	L Verification of the second o	on Service substitution of the substitution of	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch. 701 1401.00	SG reading (dBm) 0.5MHz -30.3	Ab SOMC 12132673 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM E Ant. Pol. (H/V) V	Distance (m)	L Verification gh Frequen cs, 3MHz Banc Preamp (dB) 37.4	on Service locy Substite dwidth	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Project #: Date: Test Engineer Configuration: Location: Mode: f S MHz Low Ch, 700.5M 1401.00 2202.00	SG reading (dBm) MHz -30.2 -24.0 -22.9	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba	Equipment Ind 12 Harmonic Distance (m) 3.0 3.0 3.0	JL Verification Igh Frequer S. 3MHz Bandw Preamp (dB) 37.4 36.6 36.4	on Service icy Substitution Substitution Service width	EIRP (dBm)	Limit (dBm) -13.0 -13.0	Delta (dB) -53.6 -46.5	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch, 70 1401.00 2101.50 2802.00	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM E	Distance (m)	L Verification L Verification Frequent S. 3MHz Band Preamp (dB) 37.4 36.5 36.4	on Service acy Substite dwidth	EIRP (dBm)	Limit (dBm) -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8	Notes
Project #: Date: Test Engineer Configuration: Location: Mode: f S MHz Low Ch, 700.5M 1401.00 2101.50 22802.00	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba	Equipment and 12 Harmonic (m) 3.0 3.0 3.0 3.0	JL Verification of the second	Filter (dB) 1.0 1.0 1.0	EIRP (dBm) -66.6 -59.6 -58.3	Limit (dBm) -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -46.6 -45.3	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch, 70 1401.00 2401.50 2802.00	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7	Ab SOMC 12132673 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM E Ant. Pol. (H/V) V	Uivove 1GHz His Equipment Band 12 Harmoni Distance (m) 3.0 3.0 3.0	L Verification gh Frequen cs, 3MHz Banc preamp (dB) 37.4 36.6 36.4 37.4	Filter (dB) 1.0 1.0 1.0	EIRP (dBm) -66.7 -59.8 -58.4 -67.0	Limit (dBm) -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8 -45.4 -54.0	Notes
Project #: Date: Test Engineer Configuration: .ocation: Mode: f S MHz MHz L401.00 1101.50 1802.00 1401.00 1101.50	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba	Equipment Ind 12 Harmonic Distance (m) 3.0 3.0 3.0	JL Verification Igh Frequer S. 3MHz Bandw Preamp (dB) 37.4 36.6 36.4	Filter (dB)	EIRP (dBm)	Limit (dBm) -13.0 -13.0	Delta (dB) -53.6 -46.5	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch, 70 1401.00 2101.50 2802.00 1401.00 2101.50 2802.00	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7 -24.5 -23.1	Ab SOMC 12132673 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM E Ant. Pol. (H/V) V	Distance (m)	L Verification L Verification Frequent S. 3MHz Band Preamp (dB) 37.4 36.5 36.4	pon Service Substite State of the State of t	EIRP (dBm)	Limit (dBm) -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8	Notes
Project #: Date: Test Engineer Configuration: Location: Mode: f MHz Low Ch. 700.5M 1401.00 2101.50 2802.00 1401.00 2101.50 2802.00 1401.00	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9 MHz	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba Ant. Pol. (H/V) V V V H H H	Equipment Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0	Preamp (dB) 37.4 36.6 36.4 36.6 36.4	Filter (dB) 1.0 1.0 1.0 1.0	EIRP (dBm) -66.6 -59.6 -58.3 -60.0 -58.3	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -46.5 -53.9 -47.0 -45.3	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch, 701 4401.00 2101.50 2802.00 1401.00 2101.50 2802.00 Mid Ch, 707	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7 -24.5 -23.1 -5MHz	Abs SOMC 12132873 398/2018 39905 Rs UT + Support Chamber A LTE_18QAM E V V V H H H H	Uistance (m) 3.0 3.0 3.0 3.0 3.0 3.0	L Verification of the control of the	Filter (dB) 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.7 -59.8 -58.4 -67.0 -58.5	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8 -45.4 -54.0 -47.0 -45.5	Notes
Project #: Dodder Test Engineer Configuration: Adode: F	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba Ant. Pol. (H/V) V V H H	Equipment Distance (m) 3.0 3.0 3.0 3.0 3.0	Preamp (dB) 37.4 36.6 37.4 36.6	Filter (dB) 1.0 1.0 1.0	EIRP (dBm) -66.6 -59.6 -68.3 -66.9	Limit (dBm) -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -46.5 -53.9 -47.0	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch, 70 1401.00 2101.50 2802.00 1401.00 2101.50 2802.00	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7 -24.5 -23.1	Abb SOMC 12132873 3982018 39005 RA EUT + SUPPORT S	Uitove 1GHz His L Equipment Band 12 Harmoni Distance (m) 3.0 3.0 3.0 3.0 3.0	L Verification gh Frequen cs, 3MHz Banc Preamp (dB) 37.4 36.4 37.4 36.5	on Service cy Substit dwidth Fitter (dB) 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.7 -59.8 -58.4 -67.0	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8 -54.0 -47.0	Notes
Project #: Date: Test Engineer Configuration: Condition: Mode: f	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9 MHz -30.4 -24.3	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_QPSK Ba Ant. Pol. (H/V) V V V H H H	Equipment and 12 Harmonic (m) Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	Preamp- (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.6 36.6 36.6	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.6 -59.6 -59.8 -66.7 -59.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -45.3 -47.0 -45.3 -45.3 -45.3 -45.3 -46.8 -45.8	Notes	Project #: Date: Test Engin Configurat Location: Mode: f	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7 -24.5 -23.1 .5MHz -30.4 -24.3 -23.0	Abb SOMC 12132873 3/8/2018 39005 RA 12112873 3/8/2018 39005 RA 1211 Support Chamber A LTE_18QAM E V V V V V V V V V V V V V V V V V V	Uistance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	L Verification of the control of the	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.7 -59.8 -66.7 -69.5 -66.7 -59.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -45.8 -45.4 -55.4 -55.4 -55.4 -55.4 -45.5 -45.5 -45.5 -45.8 -45.8	Notes
roject #: bast Engineer configuration: castion: castion: castion: dode: f	SG reading (dBm) MIN - 30.2 -24.0 -22.9 -30.5 -24.4 -22.9 MHz -30.4 -24.3 -23.0	SOMC 12132873 398.2018 3980.2018 3980.2018 2000.2018 EUT + Support Chamber A LTE_QPSK Ba L	Equipment Equipment Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 37.4 37.4 37.4	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.6 -59.6 -60.9 -60.9 -60.9 -60.9 -60.9 -60.9 -60.8 -60.9 -60.8 -60.8 -60.8 -60.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -46.6 -45.3 -53.9 -47.0 -45.3 -53.5 -45.4 -53.5	Notes	Project #: Date: Test Engin Configurat Location: Mode: f MHz Low Ch. 70 1401.00 2101.50 2802.00 1401.00 2101.50 2802.00 1415.00 2122.50 2803.00 1415.00	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7 -24.5 -23.1 .5MHz -30.4 -24.3 -23.0 -30.3	Abb SOMC 12132873 3/8/2018 39005 RA 2017 + Support Chamber A LTE_16/QAM E V V V V V V V V V V V V V V V V V V	Uit Equipment Lequipment Lequipment Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	L Verification L Veri	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.7 -59.8 -60.0 -58.5 -66.7 -59.8 -58.4 -67.0 -68.0	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8 -45.4 -54.0 -47.0 -45.5 -53.7 -46.8 -45.4 -54.5 -53.7	Notes
Project #: Date: Test Engineer Configuration: Condition: Mode: f	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9 MHz -30.4 -24.3	SOMC 1213873 3/8/2018 3/8/2018 3/8/2018 3/8/2018 3/8/2018 3/8/2018 EUT + SUPER FALTE_QPSK Ball LTE_QPSK Ball LTE_Q	Equipment and 12 Harmonic (m) Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	Preamp- (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.6 36.6 36.6	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.6 -59.6 -59.8 -66.7 -59.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -45.3 -47.0 -45.3 -45.3 -45.3 -45.3 -46.8 -45.8	Notes	Project #: Date: Test Engin Configurat Location: Mode: f	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -30.7 -24.5 -23.1 .5MHz -30.4 -24.3 -23.0	Abb SOMC 12132873 3/8/2018 39005 RA 12112873 3/8/2018 39005 RA 1211 Support Chamber A LTE_18QAM E V V V V V V V V V V V V V V V V V V	Uistance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	L Verification of the control of the	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.7 -59.8 -66.7 -69.5 -66.7 -59.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -45.8 -45.4 -55.4 -55.4 -55.4 -55.4 -45.5 -45.5 -45.5 -45.8 -45.8	Notes
Project #: Date: Test Engineer Configuration: Confi	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9 MHz -30.4 -24.3 -23.0 -30.1 -23.7 -22.7 MHz	SOMC 12132873 398.2018 39805 RA EUT + SUPPLIE	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.6 -59.6 -59.8 -66.9 -66.7 -59.8 -66.5 -58.3 -66.7 -59.8 -58.4 -66.5 -59.8 -58.3	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.6 -46.6 -45.3 -53.9 -47.0 -45.3 -45.3 -46.8 -46.4 -46.4 -46.5 -46.5 -46.5	Notes	Project #: Date: Test Engin Configuration Configuration Location: Mode: MHz	SG reading (dBm) 0.5MHz 30.3 -24.2 -23.0 -30.7 -24.5 -23.1 -30.4 -24.3 -30.3 -23.0 -30.3 -23.0 -30.3 -23.7 -24.5 -30.4 -24.3 -30.3 -30.3 -30.3 -30.3 -30.3 -30.3 -30.3 -30.3	Abb SOMC 12132873 3/8/2018 39005 RA EUT + Support Supp	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	L Verification gh Frequen cs, 3MHz Banc cs, 3MHz Banc db) 37.4 36.6 36.4 37.4 36.6 36.6 36.6 36.6 36.6 36.6 36.6 36	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.7 -59.8 -58.4 -67.0 -60.0 -59.8 -58.4 -66.7 -59.8 -58.4 -66.7 -59.8 -58.4	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) -53.7 -46.8 -45.4 -47.0 -45.5 -53.7 -46.6 -46.4 -46.4 -46.4 -46.3 -46.3 -45.1	Notes
Project #: Date: Project #: Date: Project #: Date: Project #: Date: Project Pr	SG reading (dBm) MHz -30.2 -24.0 -30.5 -24.4 -22.9 MHz -30.4 -24.3 -23.0 -30.1 -23.7 -22.7	SOMC 12132673 39/8/2018 39/05 RA EUT + Support Chamber A LTE_QPSK Ba LTE_QPSK	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	JL Verification of the state of	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.6 -59.6 -58.3 -66.7 -59.8 -58.4 -66.7 -59.8 -58.4 -66.5 -59.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) 53.6 46.6 45.3 53.9 47.0 45.3 45.3 46.8 45.8 45.8 45.8	Notes	Project #: Date: Test Engin Configurat Location: Mode: MHz Low Ch. 70.1401.00 2401.50 2802.00 1401.00 2401.50 2802.00 0404.00 2210.50 2802.00 0415.00 2212.50 2803.00 2122.50 2830.00	SG reading (dBm) 0.5MHz -30.3 -24.2 -23.0 -24.5 -24.5 -24.3 -24.3 -24.3 -23.0 -24.2 -23.0 -24.5 -24.3	Abb SOMC 12132873 3/8/2018 3/905/2018 3/905/2018 2/905/	Uistance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	L Verification of the control of the	DOT Service Cy Substitution Filter (dB) 1.0	EIRP (dBm) -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -56.4 -59.8	Limit (dBm) -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0 -13.0	Delta (dB) 53.7 46.8 45.4 54.7 645.4 53.7 46.8 45.4 53.7 46.8	Notes
Project #: Date: Project #: Date: Project #: Date: Project #: Date: Project Pr	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9 -30.4 -24.3 -23.0 -30.1 -23.7 -24.7 -24.7 -24.9 -23.1	SOMC 12132673 398,2018 3980,2018 3980,2018 3990,578 4 LTE_QPSK Ba	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	JL Verificatiligh Frequer S. 3MHz Bandu Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm)	Limit (dBm) 1-3.0	Delta (dB) -53.6 -46.6 -45.3 -53.7 -46.8 -45.3 -45.4 -45.4 -45.4 -45.4 -45.4 -45.4 -45.4 -45.4 -45.5 -45.5 -45.5 -45.5	Notes	Project #: Date: Test Engin Configurat Location: Mode: Figuration	SG reading (dBm) 0.5Miv -30.3 -24.5 -23.0 -30.7 -24.5 -30.3 -23.7 -24.5 -30.0 -24.8 -30.0 -24.8	Abb SOMC 12132873 3/8/2018 39005 RA 2017 *SUPPLIANT *SU	Uistance (m) Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	L Verification gh Frequen Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.3 36.6 36.4 37.3 36.6 36.6 36.6 36.6 36.6 36.6	Fatter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.7 -59.8 -58.4 -67.0 -58.5 -66.7 -59.3 -58.4 -66.7 -59.3 -58.4 -66.3 -66.3 -66.3	Limit (dBm) -13.0	Delta (dB) -53.7 -46.8 -45.4 -54.0 -45.5 -53.7 -46.8 -45.4 -53.7 -46.8 -45.4 -53.7 -45.4 -53.7 -47.4 -45.4 -	Notes
roject #: est Engineer configuration: .ocation: ff \$ \$ MHz cow Ch, 700.5h d01.00 101.50 101.50 802.00 401.00 101.50 802.00 401.00 101.50 802.00 401.00 101.50 802.00 401.00 101.50 802.00 401.00 101.50 802.00 401.00 101.50 802.00 401.00 802.	SG reading (dBm) MHz -30.2 -24.0 -30.5 -24.4 -22.9 MH2 -30.4 -23.0 -30.1 -23.7 -22.7 MHz -30.4 -24.3 -23.0 -30.1 -23.1 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9 -24.9	SOMC 12132673 398.2018 39805 RA EUT + SUPPLICE S	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	JL Verification of the state of	DOT Service CO Substitution (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) 66.5 -59.6 -66.5 -59.8 -66.5 -59.8 -66.5 -59.8 -66.5 -59.8 -66.5 -59.8 -66.5 -59.8 -66.5 -59.8	Limit (dBm) -13.0	Delta (dB) (dB) (45.6 45.3 45.3 45.4 45.4 55.3 445.3 45.3 465.3 465.3 465.3 465.3 465.3 465.4 565.3 465.3 465.4 56	Notes	Project #: Date: Test Engin Configurat Location: Mode: I have been configurated Location: Mode: I have been configurated Location: Mode: I have been configurated Location: Mode: I have been configurated Location: Mode: I have been configurated Location: Mode: I have been configurated Location:	SG reading (dBm) (dBm) (55MHz 55MHz 55MHz 5242 23.0 50.7 24.5 23.1 55MHz 24.3 23.0 30.3 23.7 24.5 30.4 24.8 22.7 4.5MHz 23.0 24.8 22.7 4.5MHz 23.0 24.8 22.7	Abb SOMC 12132873 3/8/2018 2017 12132873 3/8/2018 2017 5 9/8/2018 2017 5 9/8/2018 2017 5 9/8/2018 2017 5 9/8/2018 2017 5 9/8/2018 2018 2018 2018 2018 2018 2018 2018	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	L Verification gh Frequen Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.7 37.4 36.6 36.7 37.4 37.4 38.6 38.7 38.7 38.7 38.7 38.7 38.7 38.7 38.7	DOT Services Copy Substitution (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -68.0	Limit (dBm) -13.0	Delta (dB) (dB) (53.7 + 46.8 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.4 + 45.7 + 46.3 + 45.1 +	Notes
Project #: Date: Test Engineer Configuration: Configuration: Location: Configuration: Location: Mode:	SG reading (dBm) MHz -30.2 -24.0 -22.9 -30.5 -24.4 -22.9 -30.4 -24.3 -23.0 -30.1 -23.7 -24.7 -24.7 -24.9 -23.1	SOMC 12132673 398,2018 39805 RA LTE_QPSK Ba LTE_QPSK B	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	JL Verificatiligh Frequer S. 3MHz Bandu Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm)	Limit (dBm) 1-3.0	Delta (dB) -53.6 -46.6 -45.3 -53.7 -46.8 -45.3 -45.4 -45.4 -45.4 -45.4 -45.4 -45.4 -45.4 -45.4 -45.5 -45.5 -45.5 -45.5	Notes	Project #: Date: Test Engin Configurat Location: Mode: Figuration	SG reading (dBm) 0.5Miv -30.3 -24.5 -23.0 -30.7 -24.5 -30.3 -23.7 -24.5 -30.0 -24.8 -30.0 -24.8	Abb SOMC 12132873 3/8/2018 39005 RA 2017 *SUPPLIANT *SU	Uistance (m) Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	L Verification gh Frequen Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.4 36.6 36.4 37.3 36.6 36.4 37.3 36.6 36.6 36.6 36.6 36.6 36.6	Fatter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -66.7 -59.8 -58.4 -67.0 -58.5 -66.7 -59.3 -58.4 -66.7 -59.3 -58.4 -66.3 -66.3 -66.3	Limit (dBm) -13.0	Delta (dB) -53.7 -46.8 -45.4 -54.0 -45.5 -53.7 -46.8 -45.4 -53.7 -46.8 -45.4 -53.7 -45.4 -53.7 -47.4 -45.4 -	Notes
Project #: Date: Test Engineer Configuration: Location: Mode:	SG reading (dBm) MHz -30.2 -24.0 -30.5 -24.4 -22.9 -30.5 -24.4 -24.3 -30.1 -23.7 -22.7 MHz -44.9 -23.1 -29.7 -23.7	SOMC 12132673 398,2018 39805 RA LTE_QPSK Ba LTE_QPSK B	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	JL Verificatiligh Frequer s, 3MHz Bandu Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.3 36.6 36.4 37.3 36.6	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) 66.6 -59.6 -69.6 -59.8 -60.0 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -59.3	Limit (dBm) -13.0	Delta (dB)	Notes	Project #: Date: Test Engin Configurat Location: Mode: Factor	SG reading (dBm) (Abb SOMC 12132873 3/8/2018 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Uistance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.3 36.6 36.4 37.3 36.8 36.4 37.3 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	s, inc. EIRP (dBm) -66.7 -59.8 -67.0 -69.5 -59.3 -59.3 -66.3 -60.4 -67.0 -69.5 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	Limit (dBm) 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0	Delta (dB)	Notes
Project #: Date: Test Engineer Configuration: Configuration: Location: Configuration: Location: Mode:	SG reading (dBm) MHz -30.2 -24.0 -30.5 -24.4 -22.9 -30.5 -24.4 -24.3 -30.1 -23.7 -22.7 MHz -44.9 -23.1 -29.7 -23.7	SOMC 12132673 398,2018 39805 RA LTE_QPSK Ba LTE_QPSK B	Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	JL Verificatiligh Frequer s, 3MHz Bandu Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.3 36.6 36.4 37.3 36.6	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	EIRP (dBm) 66.6 -59.6 -69.6 -59.8 -60.0 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -66.7 -59.8 -59.3	Limit (dBm) -13.0	Delta (dB)	Notes	Project #: Date: Test Engin Configurat Location: Mode: Factor	SG reading (dBm) (Abb SOMC 12132873 3/8/2018 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Uistance (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	Preamp (dB) 37.4 36.6 36.4 37.4 36.6 36.4 37.3 36.6 36.4 37.3 36.8 36.4 37.3 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36	Filter (dB) 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	s, inc. EIRP (dBm) -66.7 -59.8 -67.0 -69.5 -59.3 -59.3 -66.3 -60.4 -67.0 -69.5 -69.6 -69.6 -69.6 -69.6 -69.6 -69.6	Limit (dBm) 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0	Delta (dB)	Notes



9.1.6. **LTE BAND 41**

Company; Project #: Date: Test Engineer:	Ab SOMC 12132873 3/8/2018 39005 RA	ove 1GHz Hi	L Verification			surement			Company: Project #: Date: Test Engli	neer	SOMC 12132873 3/8/2018 39005 RA	ove 1GHz Hi		on Services		suremen		
configuration: ocation: lode:	EUT + Support Chamber A LTE_QPSK Ba		s, 5MHz Bandw	vidth					Configura Location: Mode:		EUT + Support Chamber A	Equipment Band 41 Harmoni	cs, 5MHz Band	twidth				
f SG reading MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
ow Ch, 2498.5MHz 197.00 -17.0 195.50 -15.6 194.00 -12.3 197.00 -16.6 195.50 -14.9 194.00 -12.3 1d Ch, 2593MHz	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.5 35.7 36.0 35.5 35.7 36.0	1.0 1.0 1.0 1.0 1.0	-51.5 -50.3 -47.3 -51.0 -49.6 -47.3	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-26.5 -25.3 -22.3 -26.0 -24.6 -22.3		Low Ch, 24 4997.00 7495.50 9994.00 4997.00 7495.50 9994.00 Mid Ch, 25	-17.2 -15.3 -12.0 -16.7 -14.9 -12.2	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.5 35.7 36.0 35.5 35.7 36.0	1.0 1.0 1.0 1.0 1.0	-51.7 -50.0 -47.0 -51.1 -49.7 -47.2	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-26.7 -25.0 -22.0 -26.1 -24.7 -22.2	
186.00	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.8 35.4 35.8 35.8	1.0 1.0 1.0 1.0 1.0	-50.3 -49.7 -46.6 -50.2 -48.7 -46.5	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.3 -24.7 -21.6 -25.2 -23.7 -21.5		5186.00 7779.00 10372.00 5186.00 7779.00 10372.00 High Ch. 2	-15.9 -14.8 -12.0 -15.9 -14.1 -11.8	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.8 35.4 35.8 35.8	1.0 1.0 1.0 1.0 1.0	-50.3 -49.6 -46.8 -50.3 -48.9 -46.6	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.3 -24.6 -21.8 -25.3 -23.9 -21.6	
High Ch, 2687.5MHz 1375.00 -15.7 1062.50 -14.1 10750.00 -11.7	V V V	3.0 3.0 3.0 3.0	35.4 35.8 35.7 35.4	1.0 1.0 1.0 1.0	-50.1 -48.9 -46.4 -50.3 -49.4	-25.0 -25.0 -25.0 -25.0 -25.0	-25.1 -23.9 -21.4 -25.3 -24.4 -20.5		5375.00 8062.50 10750.00 5375.00 8062.50 10750.00	-15.8 -14.2 -11.9 -15.7 -15.0 -11.7	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.7 35.4 35.8 35.7	1.0 1.0 1.0 1.0 1.0	-50.3 -49.0 -46.6 -50.2 -49.8 -46.4	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.3 -24.0 -21.6 -25.2 -24.8 -21.4	
375.00 -15.9 062.50 -14.6	L	TE B	L Verification	MH:	s, Inc.		(Ab	ΓΕ Β ⁴	L Verification	on Service	s, Inc.	QAI		
775.00 - 15.9 02.20 - 14.0 0770.00 - 10.8 - 1	L	JU U U U U U U U U U U U U U U U U U U	35.7 41 5 L Verification	5MH	z QI	PSk	(Company Project #: Date: Test Engli Configura Location: Mode:	neer:	Ab SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A	U ove 1GHz Hi	L Verification	on Services	s, Inc.	QAI		
75.00 -15.9 025.00 -1.0.8 0750.00 -10.8 0750.00 -10.8 0750.00 -10.8 0750.00 -10.8	Ab SOMC 12132873 3/8/2018 39905 RA LTE_QPSK Ba	TE B Ove 1GHz Hi Equipment dd 41 Harmonici	35.7 441 5 L Verification of the second of	5MH: on Service: cy Substit	Z QI s, Inc. ution Mea	PSK surement	t	Notes	Company Project #: Date: Test Engli Configura Location: Mode:	neer: idon:	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM E	U vove 1GHz Hi Equipment Band 41 Harmoni	L Verification of the second o	on Services by Substit	s, Inc. ution Mea	QAI	Delta	Notes
75.00 - 15.9 92.50 - 14.9 92.50 - 14.0 92.50 - 14.0 97.0.00 - 10.8	Ab SOMC 12132873 39005 RA EUT + Support Chamber A LTE_OPSK Ba	U U U U U U U U U U U U U U U U U U U	35.7 441 5 L Verification of the second of	1.0	Z QI	PSK	<	Notes	Company Project #: Date: Test Englic Configura Location: Mode: f MH: Low Ch. 25 5002.00 7503.00 7503.00 7503.00 7503.00	SG reading (dBm) 101Mbtz 145.8 145.6 145.0	Ab SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM B	U ove 1GHz Hi Equipment Sand 41 Harmoni	L Verification of the Land	on Services cy Substit	s, Inc. ution Mea	QAI		Notes
7375.00 -15.9 8062.50 -14.6 8062.50 -14.6 80750.00 -10.8 Company: Project #: Date: Fest Engineer: Configuration: Coedion: f SG reading MHz (dBm) Company: Great	Ab SOMC 12/13/28/73 39/30/18 39/30/18 4 LTL OPSK Ba LT	Upove 1GHz Hi Equipment Distance (m) 3.0 3.0 3.0 3.0 3.0	35.7 L Verification MHz Band Preamp (aB) 35.5 35.7 36.0 35.5 35.7	Filter (db) 1.0	Z QI s, Inc. ution Mea	Limit (dBm) -25.0 -25.0 -25.0 -25.0 -25.0	Delta (dB) -26.4 -25.2 -25.1 -26.1 -24.7	Notes	Company Project #: Date: Test English Location: Mode: MHz	SG reading (dBm) 01Mb/s -16.6 -15.0 -15.9 33MH/s -16.1 -15.9 -17.8 -17.8 -17.8 -17.9 -12.7	Abb SOMC 12132873 3/9/2018 3/9/2018 3/9/2018 EUT + SUPPLIA	U U ove 1GHz Hi Equipment Sand 41 Harmoni Distance (m) 3.0 3.0 3.0 3.0 3.0	L Verificatic gh Frequen cs, 10MHz Ban Preamp (dB) 35.5 35.7 36.0 35.5 35.7	Filter (dB) 1.0 1.0 1.0 1.0	EIRP (dBm) -51.1 -49.8 -51.1 -49.7	Limit (dBm) -25.0 -25.0 -25.0 -25.0 -25.0	Delta (dB) -26.1 -24.8 -22.8 -26.1 -24.7	Notes

Company: Project #: Date: Configuration: Configuration: Cocation:	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A	ove 1GHz Hig		cy Substitu		surement	t		Company: Project #: Date: Test Engir Configurat Location: Mode:	ion:	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A	ove 1GHz Hi		cy Substit		surement		
f SG readin- MHz (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
ow Ch, 2503.5MHz 107.00 -17.0 101.50 -15.2 1014.00 -12.7 107.00 -16.7 110.50 -15.2 1014.00 -12.5 10 Ch, 2593MHz	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.5 35.7 36.0 35.5 35.7 36.0	1.0 1.0 1.0 1.0 1.0	-51.4 -50.0 -47.7 -51.2 -49.9 -47.5	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-26.4 -25.0 -22.7 -26.2 -24.9 -22.5		Low Ch, 25 5007.00 7510.50 10014.00 5007.00 7510.50 10014.00 Mid Ch, 256	-16.8 -15.5 -12.3 -16.9 -15.4 -12.4	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.5 35.7 36.0 35.5 35.7 36.0	1.0 1.0 1.0 1.0 1.0	-51.3 -50.2 -47.3 -51.4 -50.1 -47.5	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-26.3 -25.2 -22.3 -26.4 -25.1 -22.5	
86.00 -15.6 79.00 -15.4 372.00 -12.4 86.00 -17.5 79.00 -15.1 372.00 -12.0 ah Ch, 2682.5MHz	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.8 35.4 35.8 35.8	1.0 1.0 1.0 1.0 1.0	-50.0 -50.2 -47.2 -51.9 -49.9 -46.9	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.0 -25.2 -22.2 -26.9 -24.9 -21.9		5186.00 7779.00 10372.00 5186.00 7779.00 10372.00 High Ch. 26	-15.8 -15.5 -11.8 -17.5 -15.1 -12.0	V V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.8 35.4 35.8 35.8	1.0 1.0 1.0 1.0 1.0	-50.2 -50.2 -46.6 -51.9 -49.9 -46.9	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.2 -25.2 -21.6 -26.9 -24.9 -21.9	
65,00 -15.6 147.50 -14.6 1730.00 -11.8 165.00 -16.0	V V V	3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.7 35.4 35.8	1.0 1.0 1.0 1.0	-50.0 -49.4 -46.4 -50.5 -49.7	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.0 -24.4 -21.4 -25.5 -24.7 -20.4		5365.00 8047.50 10730.00 5365.00 8047.50 10730.00	-15.8 -14.7 -12.0 -16.2 -14.6 -11.0	V V H H	3.0 3.0 3.0 3.0 3.0 3.0	35.4 35.8 35.7 35.4 35.8 35.7	1.0 1.0 1.0 1.0 1.0	-50.2 -49.5 -46.6 -50.6 -49.4 -45.6	-25.0 -25.0 -25.0 -25.0 -25.0 -25.0	-25.2 -24.5 -21.6 -25.6 -24.4 -20.6	
47.50 -14.9 7730.00 -10.8	Ab SOMC 12132873	τΕ B ₄	35.7	5MH	s, Inc.	PS	K		Company:		Ab SOMC 12132873	E B4	L Verification	on Service	s, Inc.	. 67 . 67		
47.50 -14.9 2730.00 -10.8 ompany; oject#: te: sts Engineer: onfiguration: cation: cde:	Ab SOMC 12132873 39005 RA EUT + Support Chamber A LTE_QPSK Ba	UI Dove 1GHz High	41 1	5MH	Iz Q	PS	K	Notes		eer: ion:	Ab SOMC 12132873 3/8/2018 390/5 RA EUT + Support Chamber A	U ove 1GHz Hi Equipment Sand 41 Harmoni	L Verification of the Land	on Service cy Substit	s, Inc.	. 67 . 67		Notes
## SG reading MHz (BBn) w Ch 2508MHz (BBn)	Ab SOMC 12132873 39005 RA EUT + Support Chamber A LTE_QPSK Ba	UI Distance (m) 3.0	41 1 L Verification L Verification Frequence s, 20MHz Bande	5MH Services Substitut (dB) 1.0	HZ Q s, Inc. ution Mea	Limit (dBm)	t Delta (dla)	Notes	Project #: Date: Test Engir Configurat Location: Mode: f MHz Low Ch, 25 5012.00	SG reading (dBm)	SOMC 12132873 3/8/2018 3/8/2018 30/2018 EUT + Support Chamber A LTE_16QAM B	U U U Ove 1GHz Hi Equipment Band 41 Harmoni Distance (m) 3.0	L Verification of the control of the	on Services Substit dwidth Fitter (dB)	s, Inc. ution Mea	Limit (dBm)	Delta (dB)	Notes
### 14.9	Ab SOMC 12132873 3962918 39605 RA EUT - Support Chamber A LTE_QPSK Ba	UI UI UV	41 15 L Verification of Frequency Services (dB)	5MH on Services Substitut width	IZ Q s, Inc. ution Mea	PS Limit (dBm)	K t	Notes	Project #: Date: Test Engir Configurat Location: Mode: f MHz Low Ch. 25 5012.00 10024.00 10024.00 10024.00	SG reading (dBm) 06MHz -17.2 -14.5 -16.7 -15.4 -12.8	SOMC 12132873 3/8/2018 39005 RA EUT + Support Chamber A LTE_16QAM B	U Dove 1GHz Hi Equipment Sand 41 Harmoni Distance (m)	L Verification gh Frequen cs, 20MHz Bar Preamp (dB)	on Services by Substite adwidth	s, Inc. ution Mea	Limit (dBm)	Delta (dB)	Notes
47.50 -14.9 730.00 -10.8 ompany: oject #: tes: tes: f	Ab SOMC 12/132873 3/6/2018 SOONS RD FUT - SOONS RAP FUT - SOON	Equipment and 41 Harmonics (m)	L Verification L Verification Frequency (d8) 9.59 9.57 36.0 35.5 35.7	5MH Services Substitut Filter (db) 1.0 1.0 1.0 1.0 1.0	EIRP (dBm) -51.4 -49.9 -47.7 -51.3	Limit (dBm) -25.0 -25.0 -25.0 -25.0 -25.0	Delta (dB) (28,4 24,9 24,7 26,3 25,0	Notes	Project #: Date: Test Englr Configurat Location: Mode: f MHz Low Ch, 25 5012.00 7518.00 7518.00	SG reading (dBm) 06MHz 114.5 116.7 115.4 117.7 116.5 115.0 115.0 115.0	Ab SOMC 12132873 3/8/2018 39005 RA SUT + Support Chamber A LTE_16QAM B Ant. Pol. (H/V)	U Uove 1GHz Hill Equipment Equipment Distance (m) 3.0 3.0 3.0 3.0 3.0 3.0	L Verification of the control of the	Filter (dB) 1.0 1.0 1.0 1.0	EIRP (dBm) -51.6 -49.2 -47.3 -51.2	Limit (dBm) -25.0 -25.0 -25.0 -25.0	Delta (dB) -26.6 -24.2 -22.3 -26.2 -25.1	Notes