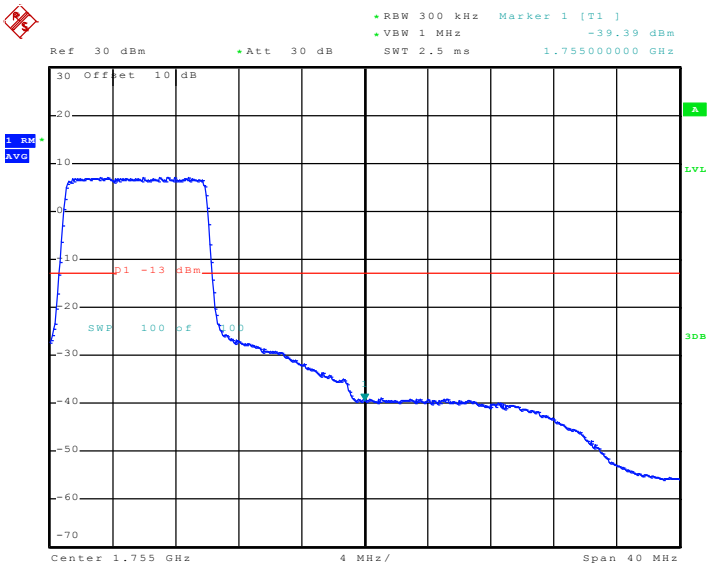
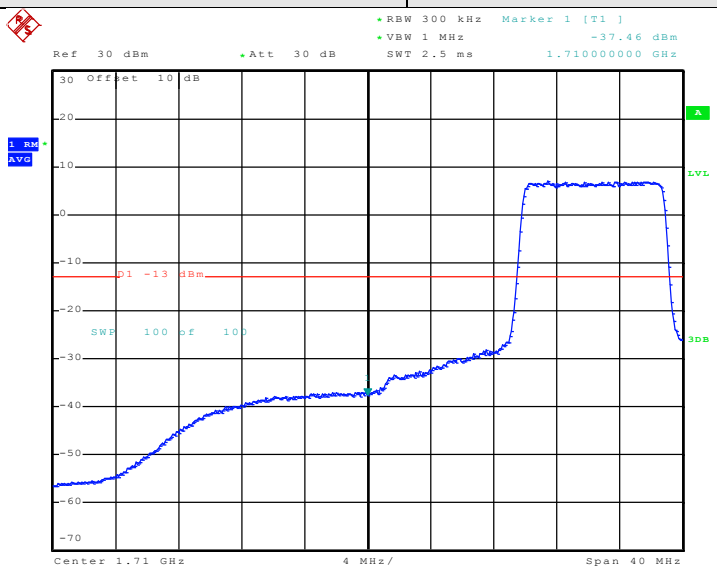


Date: 18.SEP.2014 12:02:34

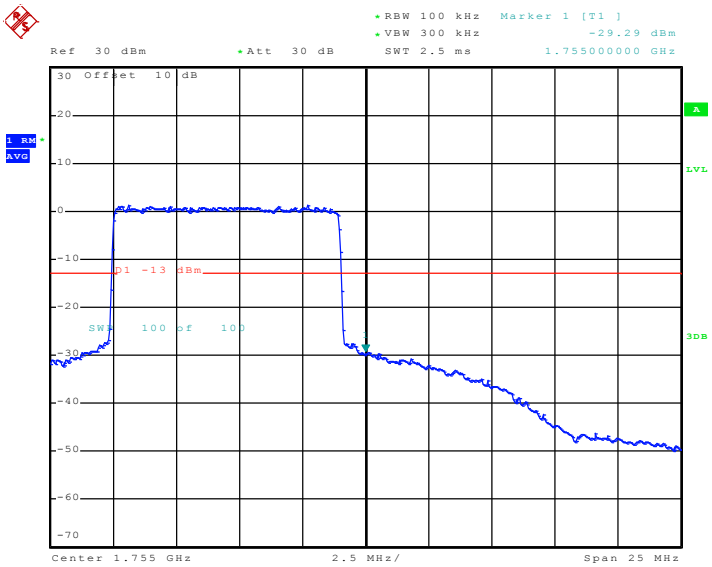
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 50 & RB Offset 49)



Date: 18.SEP.2014 11:57:10

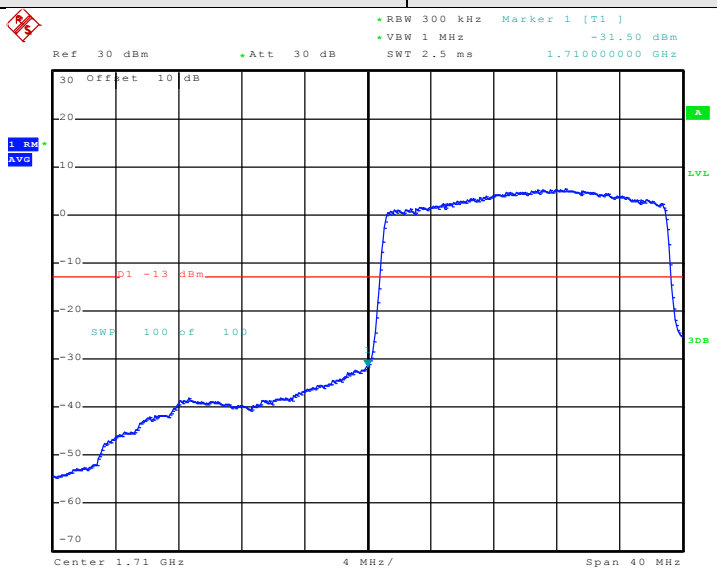
Lowest channel



Date: 28.SEP.2014 18:52:11

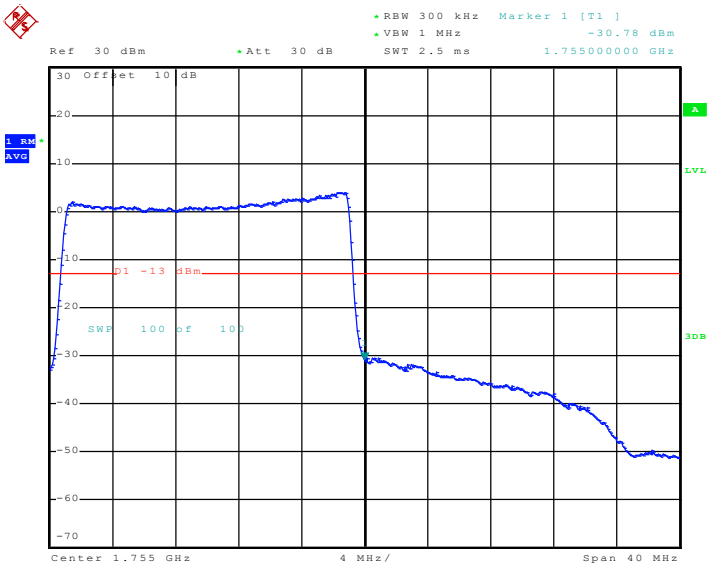
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 100 & RB Offset 0)



Date: 11.SEP.2014 10:38:13

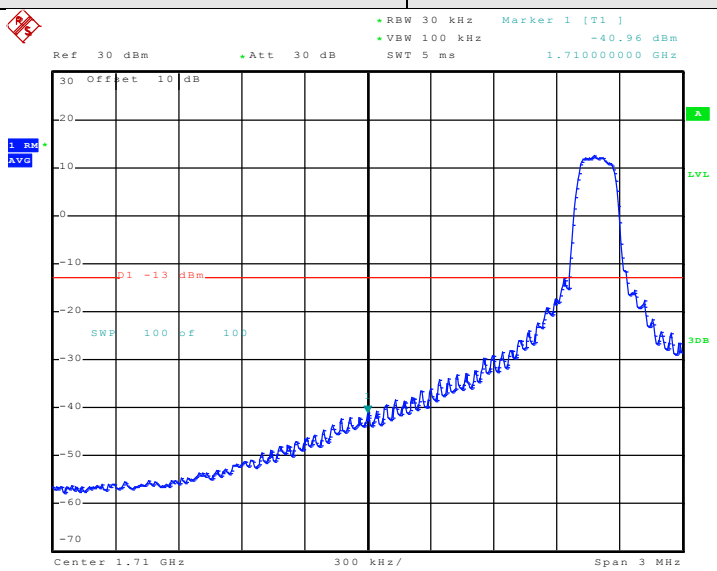
Lowest channel



Date: 11.SEP.2014 10:39:45

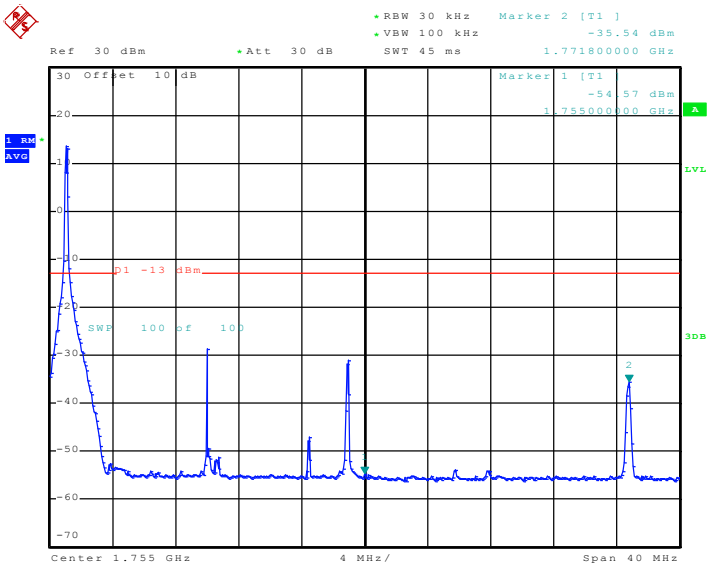
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)



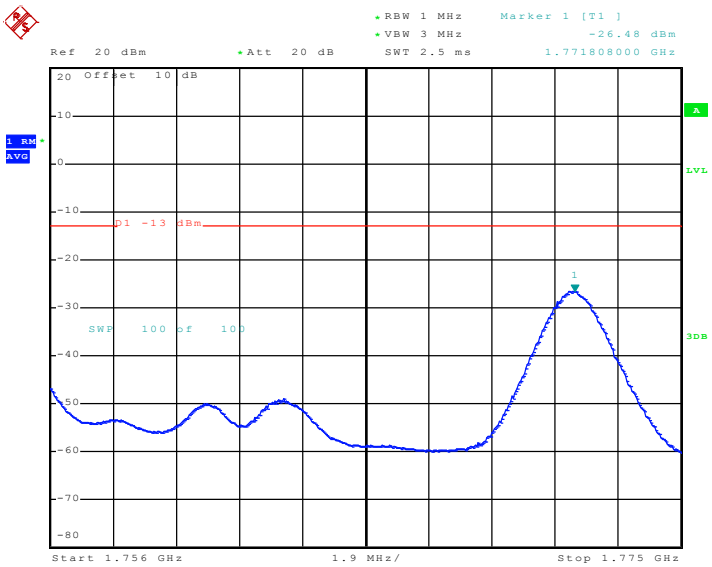
Date: 18.SEP.2014 11:53:43

Lowest channel



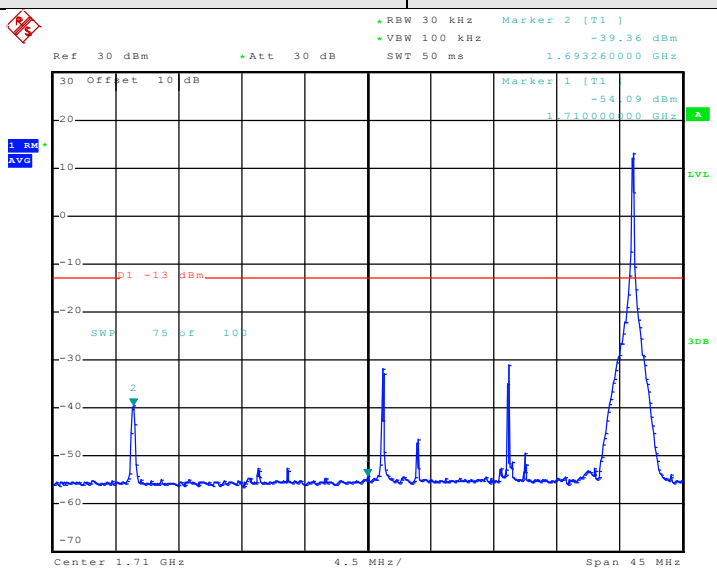
Date: 18.SEP.2014 12:01:44

Highest channel



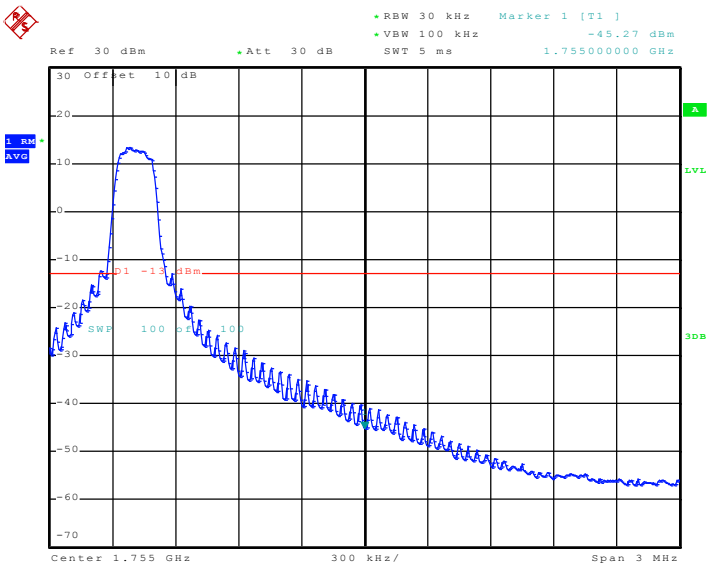
Date: 28.SEP.2014 21:08:03

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 99)



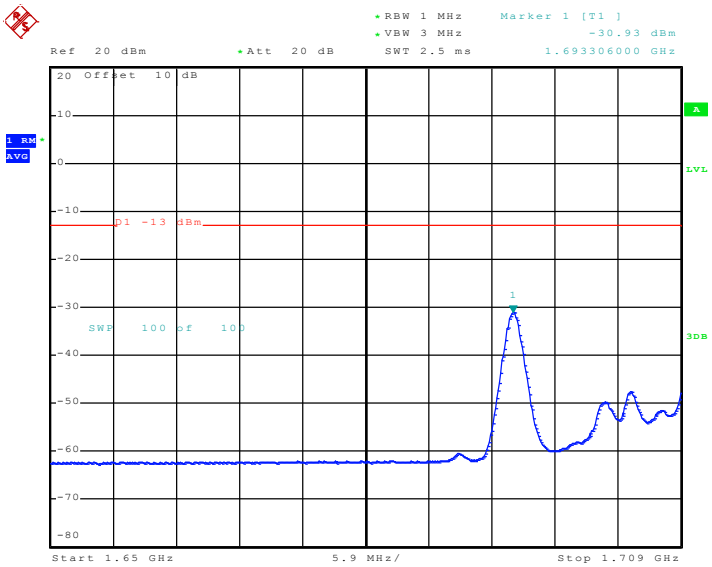
Date: 18.SEP.2014 11:55:03

Lowest channel



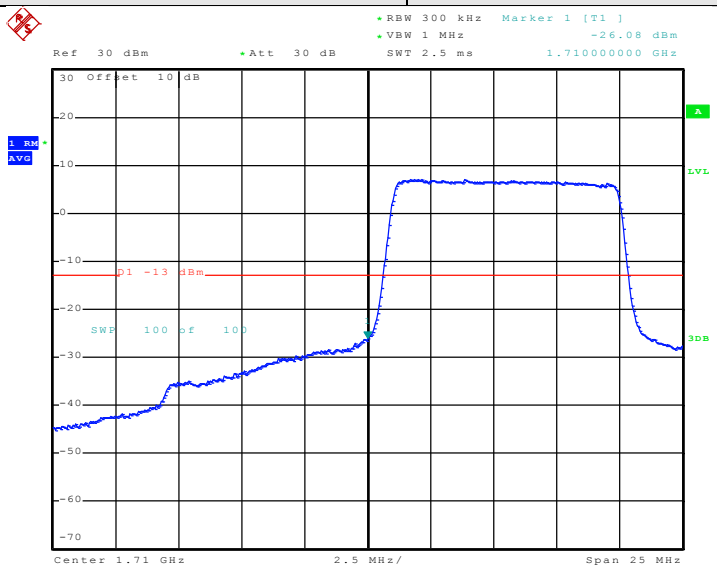
Date: 18.SEP.2014 12:00:34

Highest channel



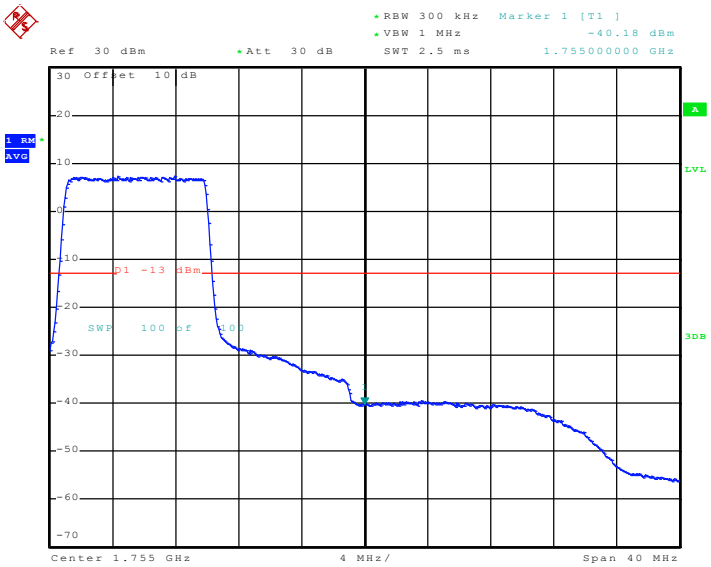
Date: 28.SEP.2014 21:11:02

Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 0)



Date: 18.SEP.2014 11:56:24

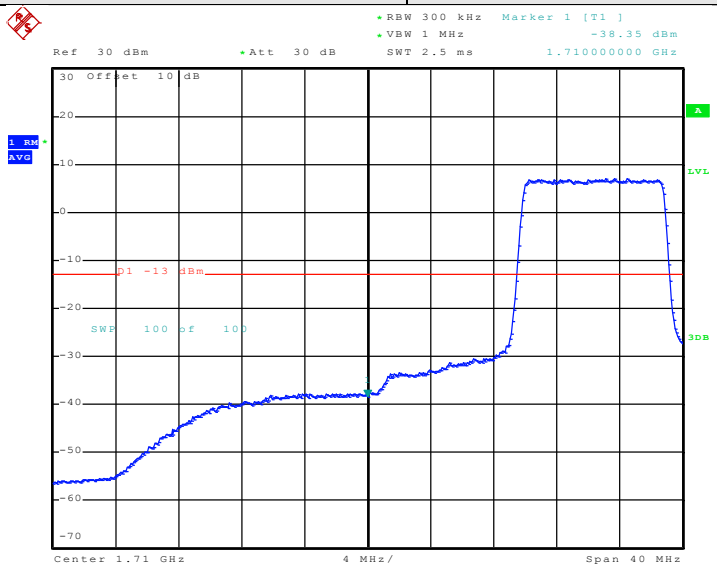
Lowest channel



Date: 18.SEP.2014 12:02:20

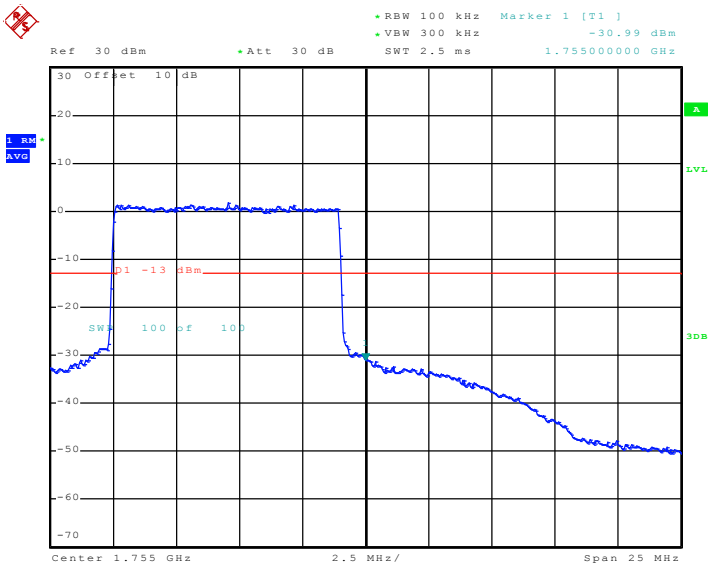
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 49)



Date: 18.SEP.2014 11:57:31

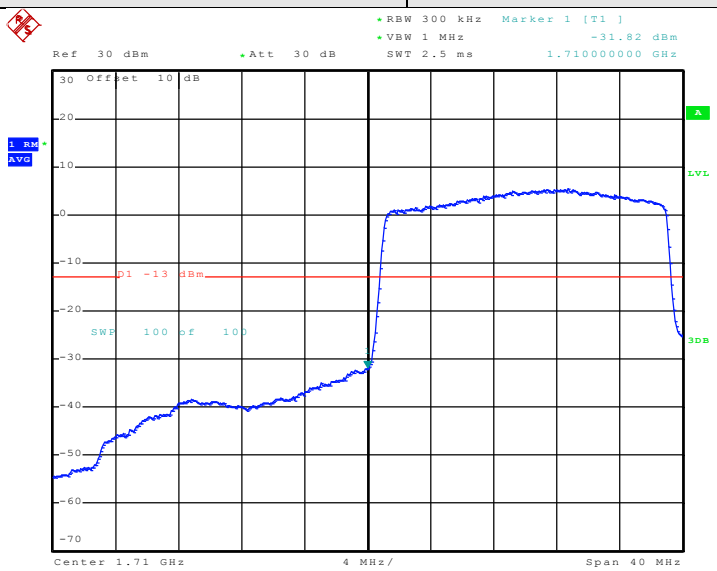
Lowest channel



Date: 28.SEP.2014 18:51:37

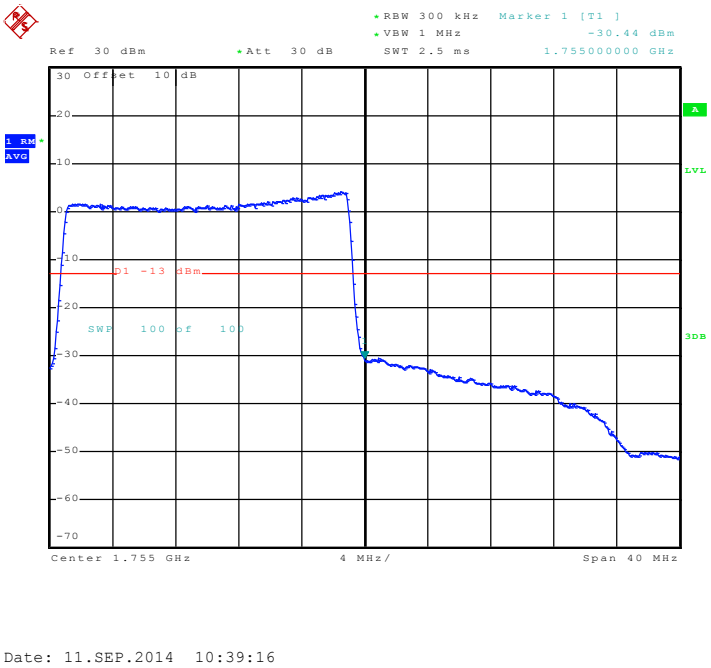
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 100 & RB Offset 0)



Date: 11.SEP.2014 10:37:48

Lowest channel

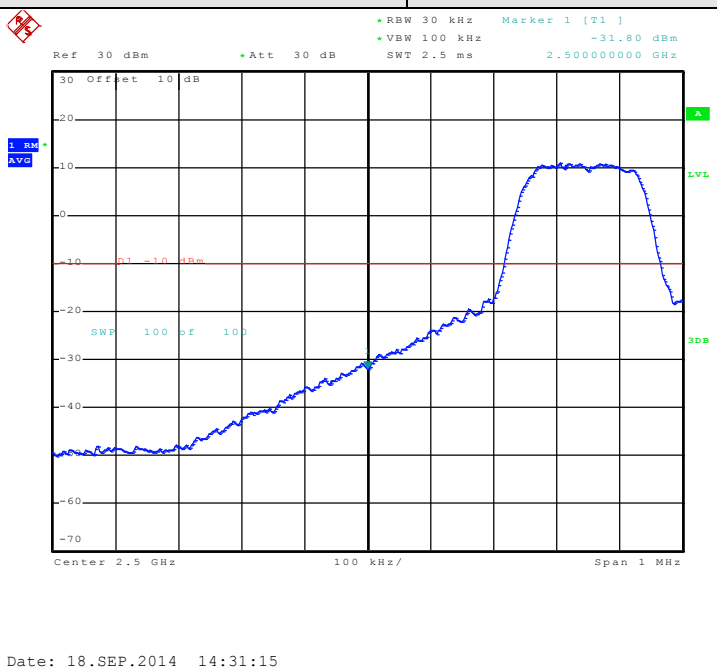


Highest channel

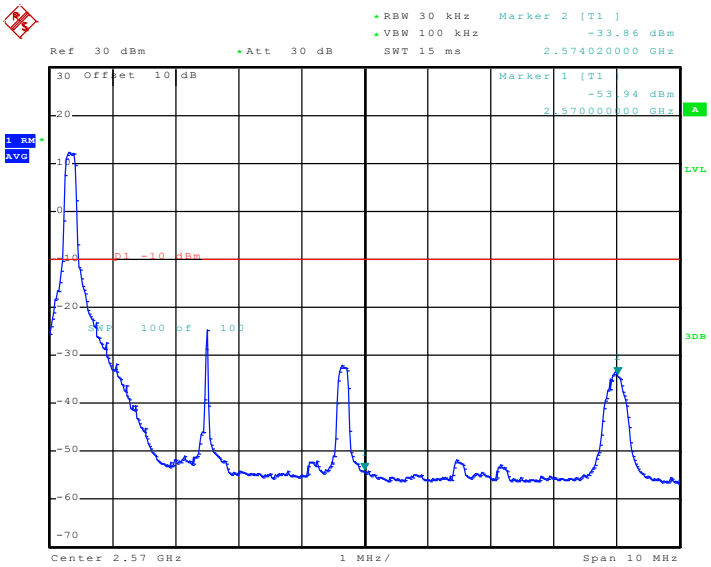
LTE band 7 part:

5MHz:

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)

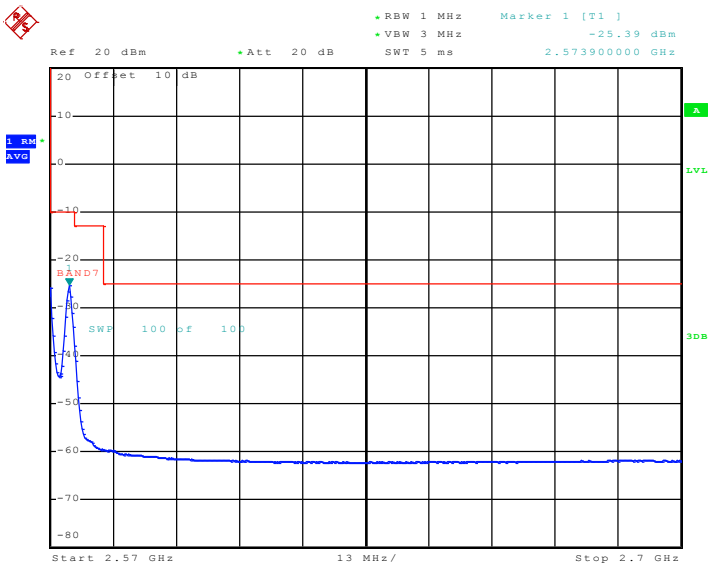


Lowest channel



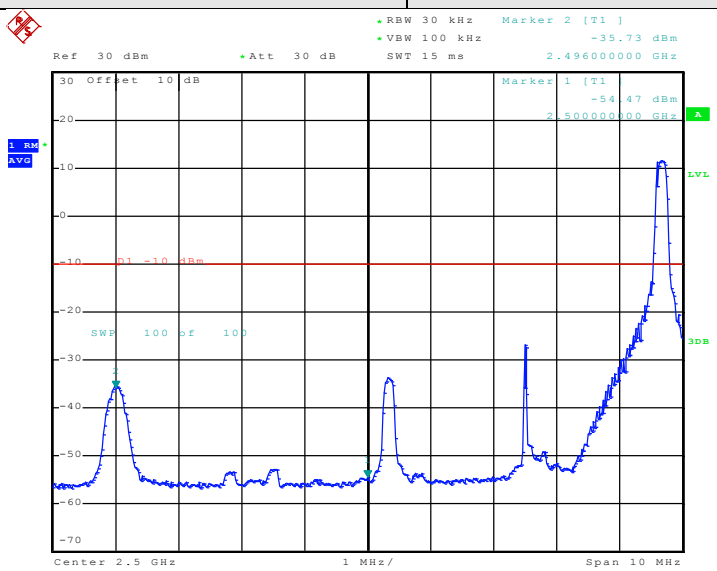
Date: 18.SEP.2014 14:36:06

Highest channel



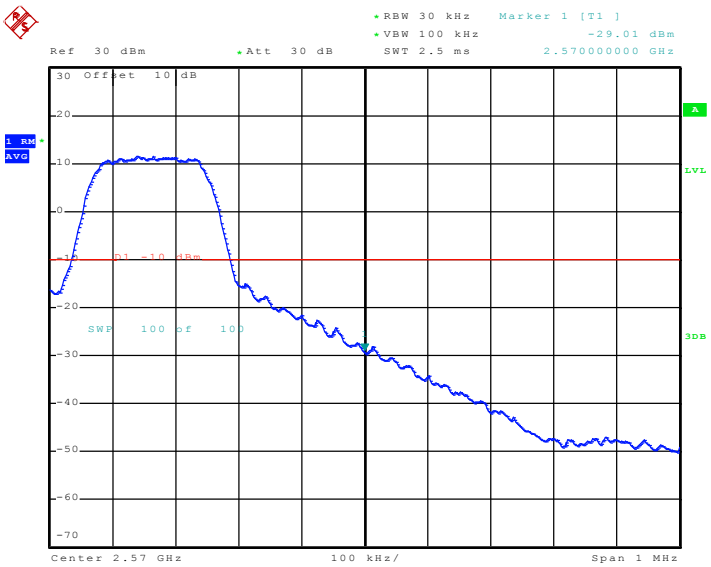
Date: 28.SEP.2014 20:45:14

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 24)



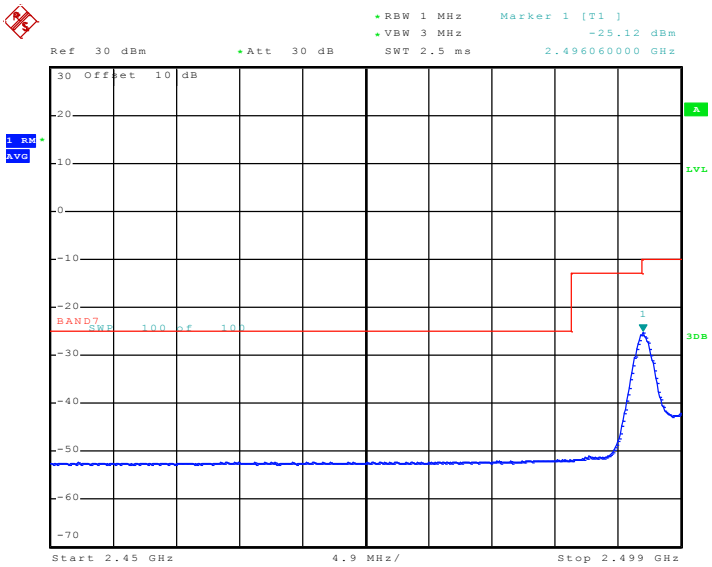
Date: 18.SEP.2014 14:32:04

Lowest channel



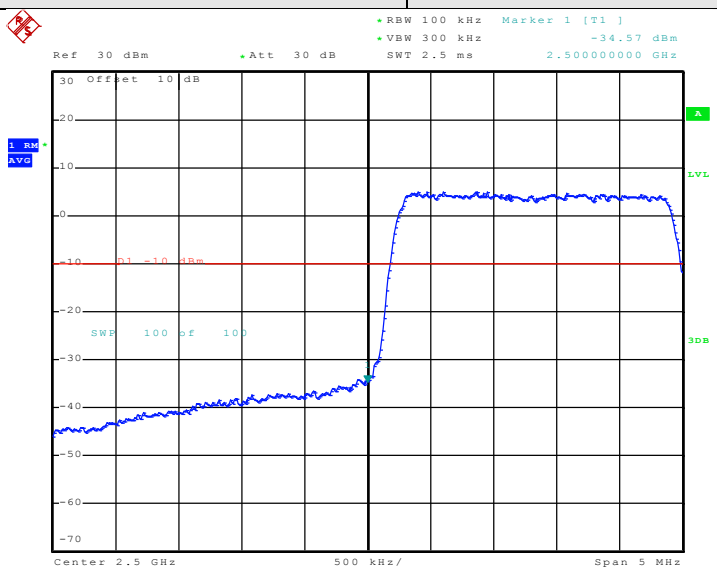
Date: 18.SEP.2014 14:37:06

Highest channel



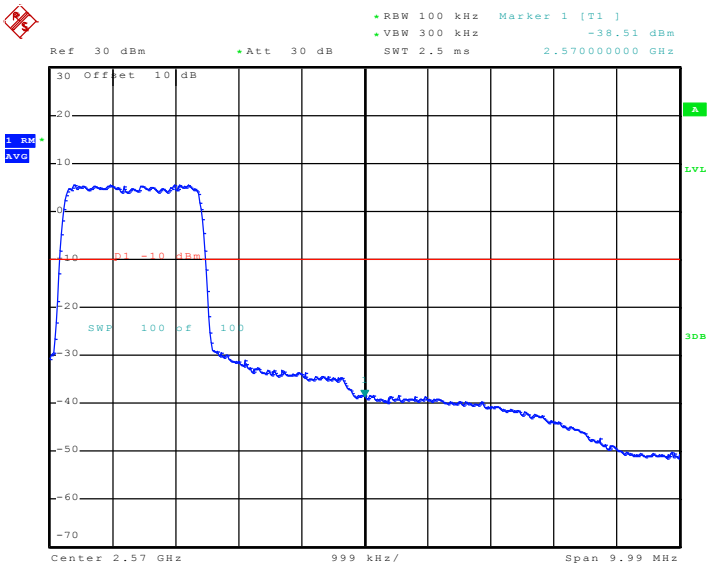
Date: 28.SEP.2014 22:04:26

Test Mode:	LTE band 7(16QAM RB Size 12 & RB Offset 0)



Date: 18.SEP.2014 14:33:30

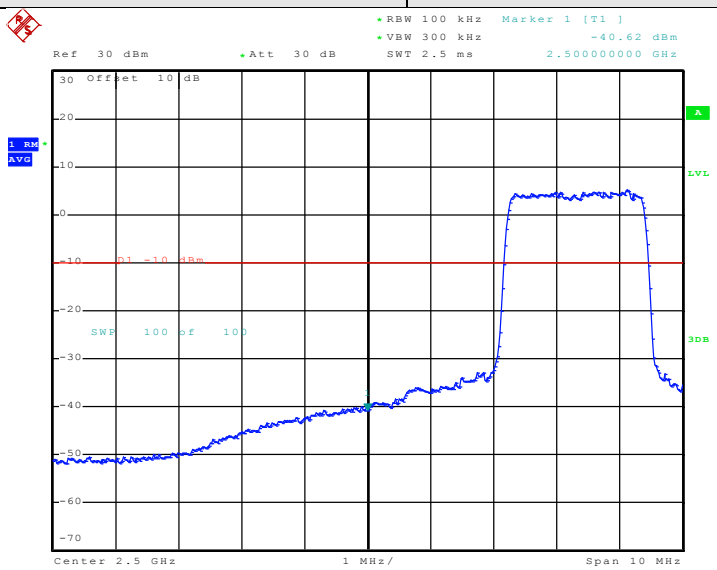
Lowest channel



Date: 18.SEP.2014 14:38:10

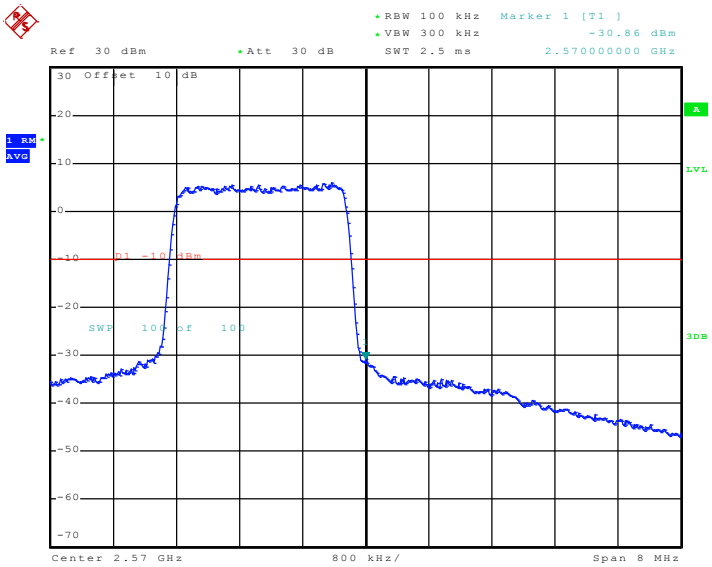
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 12 & RB Offset 11)



Date: 18.SEP.2014 14:34:00

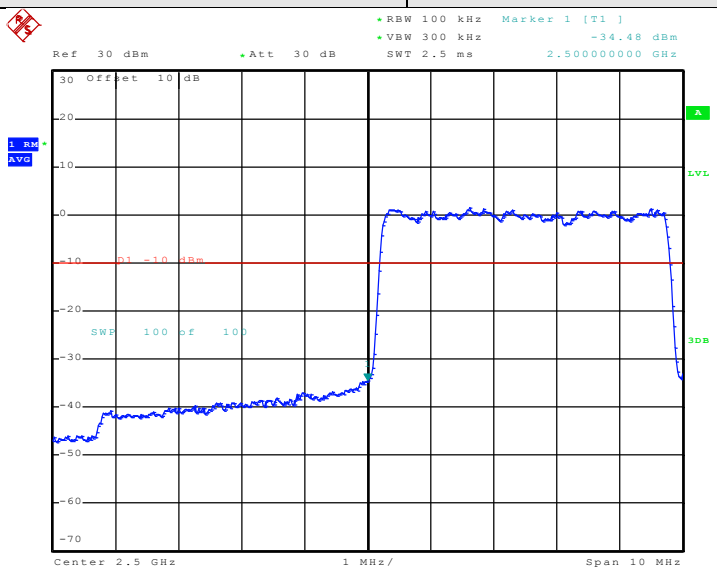
Lowest channel



Date: 28.SEP.2014 19:02:04

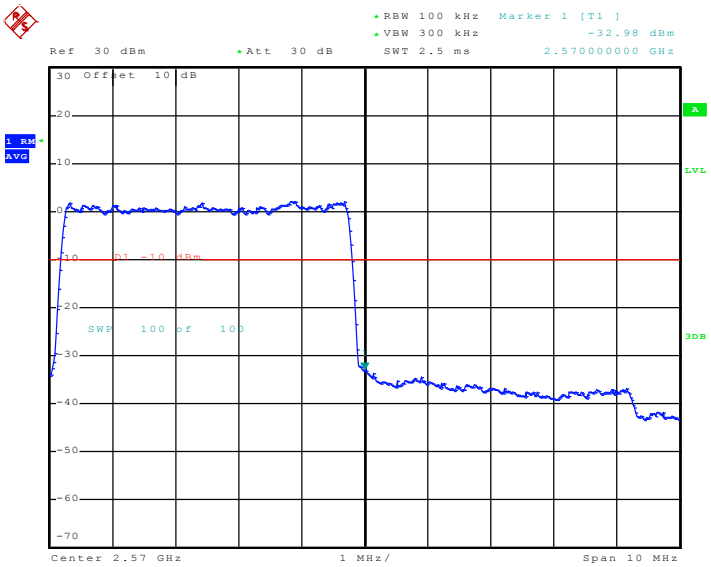
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 25 & RB Offset 0)



Date: 11.SEP.2014 15:20:26

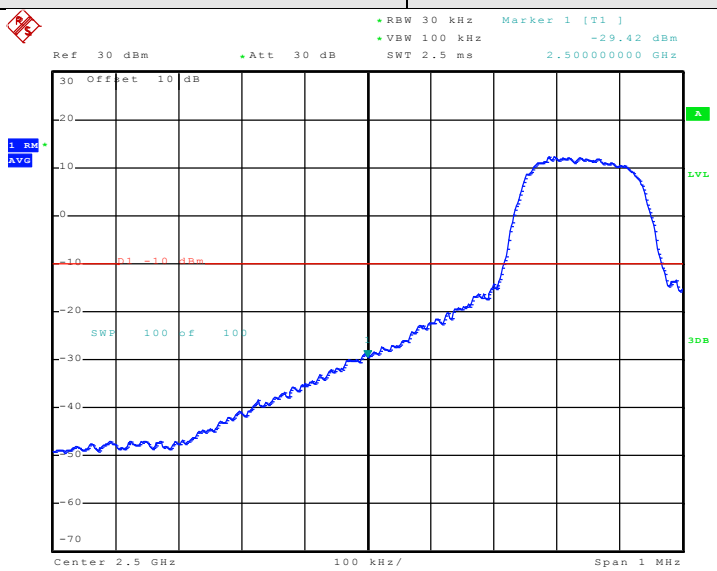
Lowest channel



Date: 11.SEP.2014 13:49:12

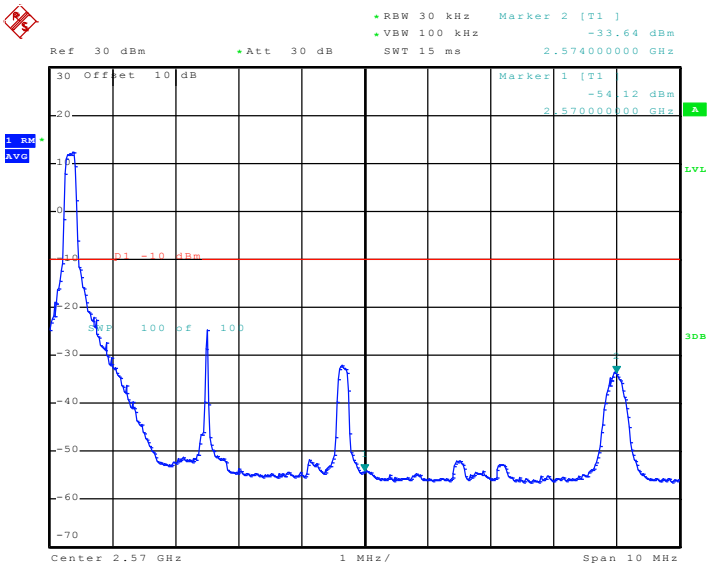
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



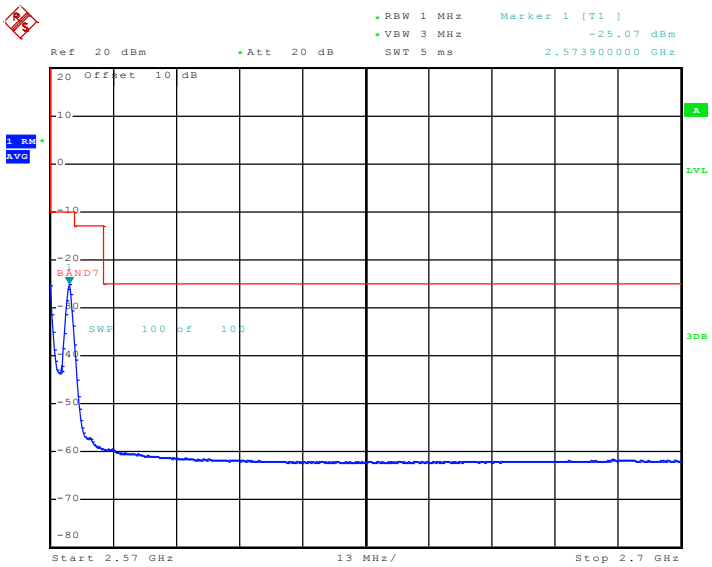
Date: 18.SEP.2014 14:30:55

Lowest channel



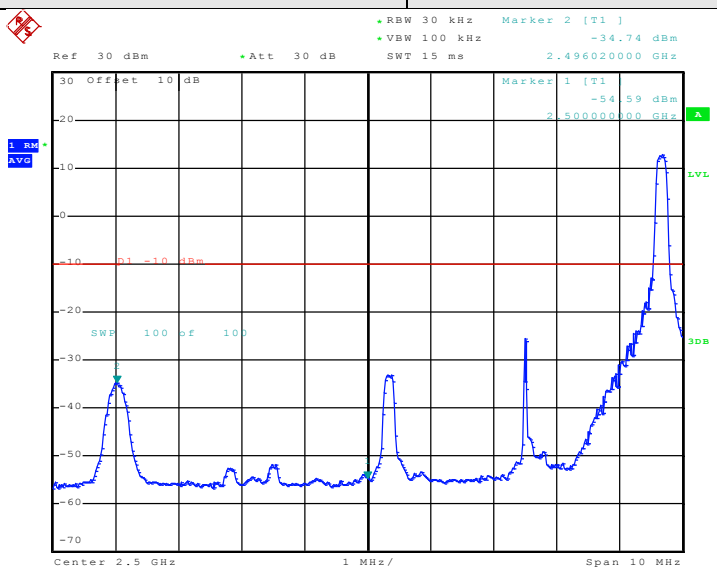
Date: 18.SEP.2014 14:35:50

Highest channel



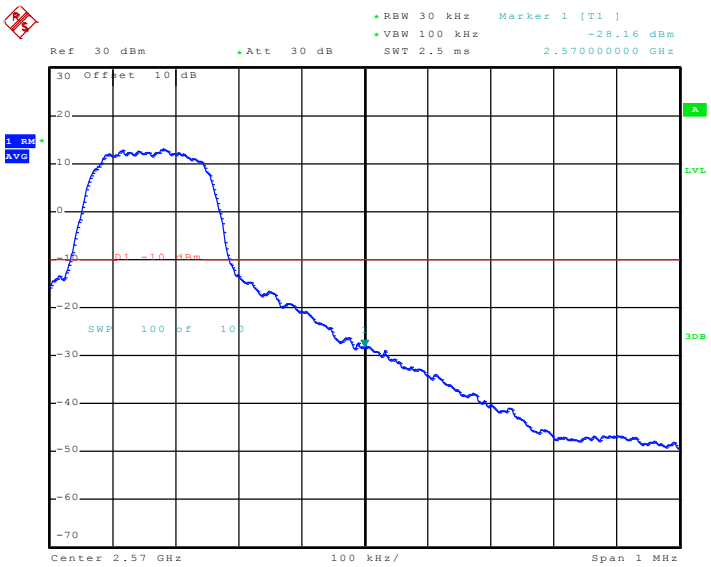
Date: 28.SEP.2014 20:45:21

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 24)



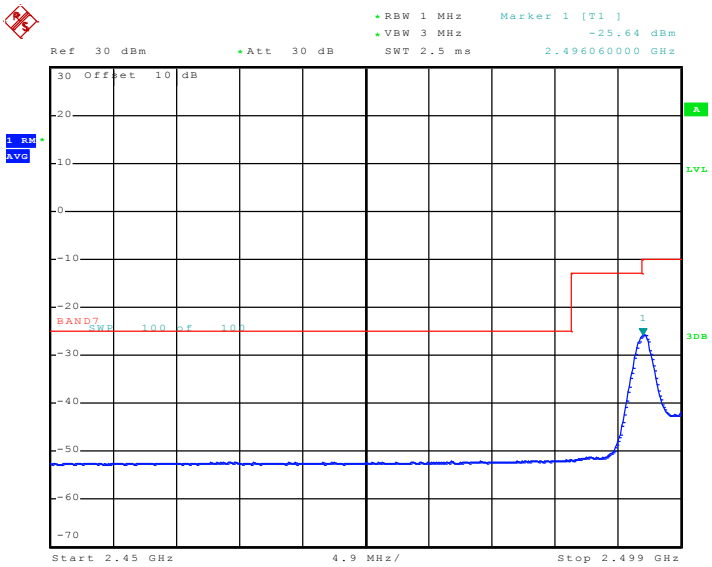
Date: 18.SEP.2014 14:32:21

Lowest channel



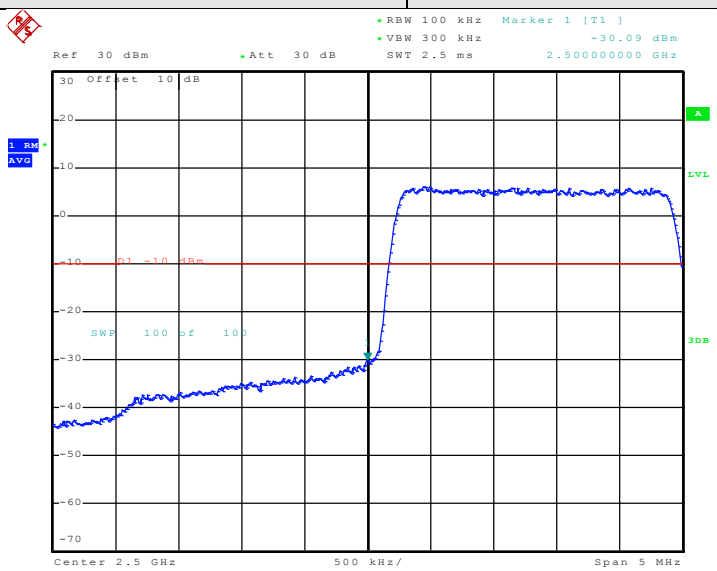
Date: 18.SEP.2014 14:37:21

Highest channel



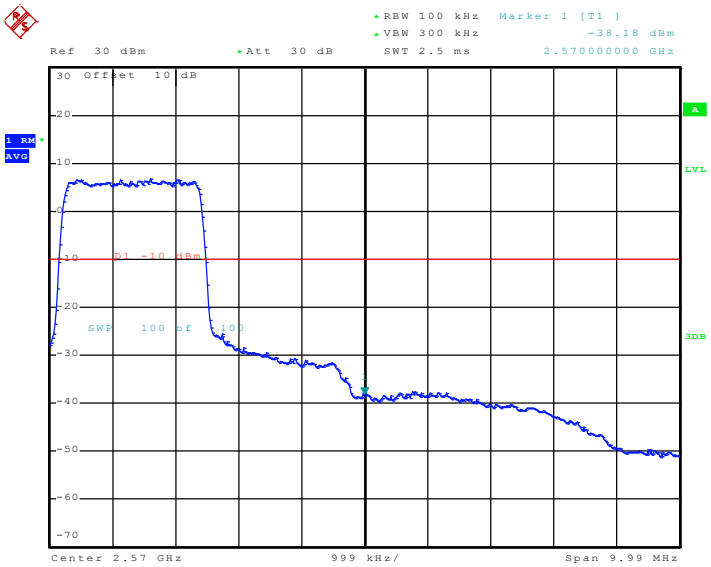
Date: 28.SEP.2014 22:04:12

Test Mode:	LTE band 7(QPSK RB Size 12 & RB Offset 0)



Date: 18.SEP.2014 14:33:17

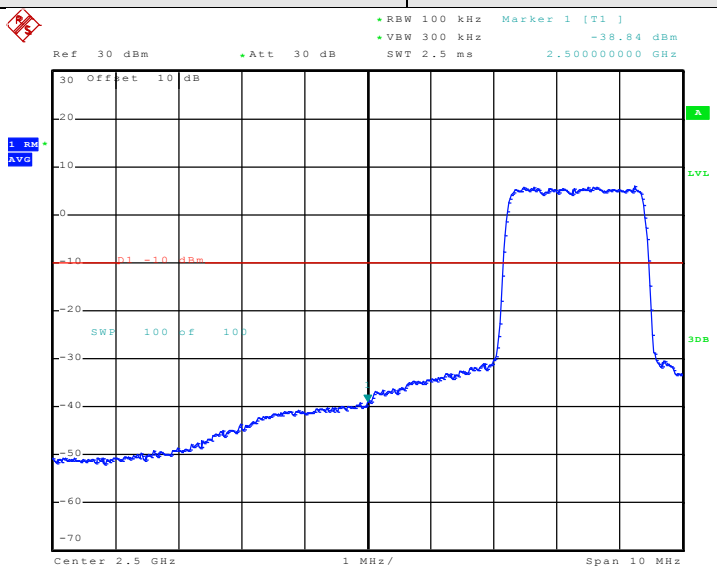
Lowest channel



Date: 18.SEP.2014 14:37:54

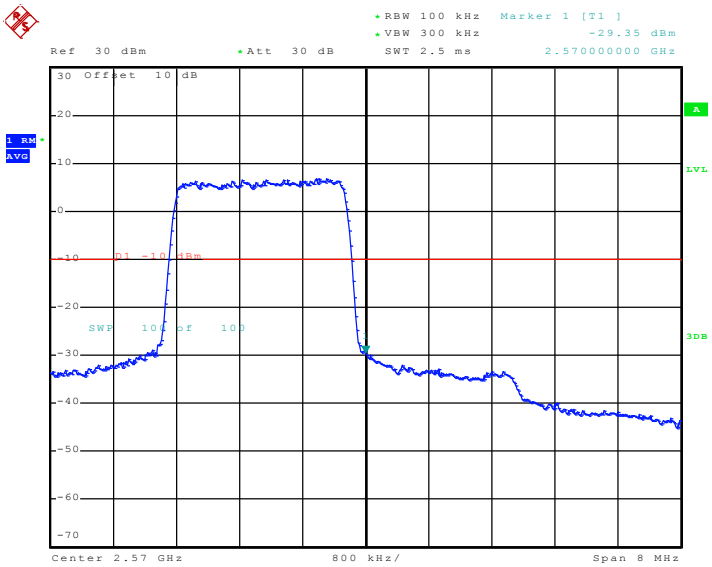
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 12 & RB Offset 11)



Date: 18.SEP.2014 14:34:22

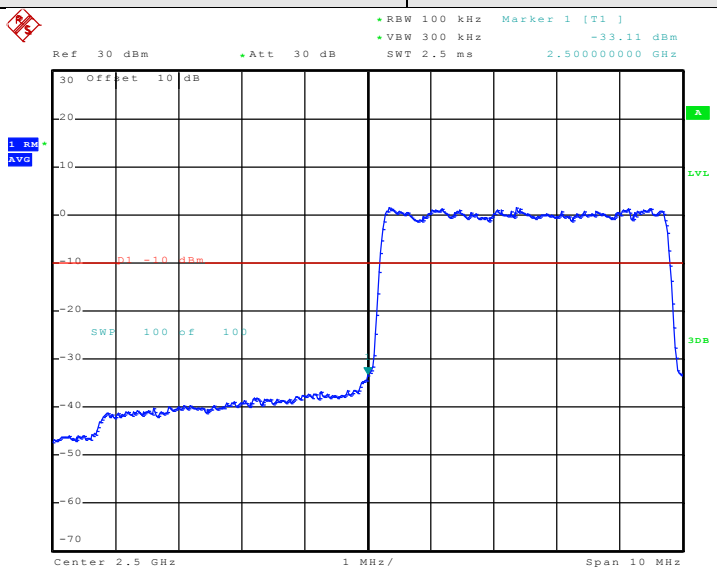
Lowest channel



Date: 28.SEP.2014 19:02:18

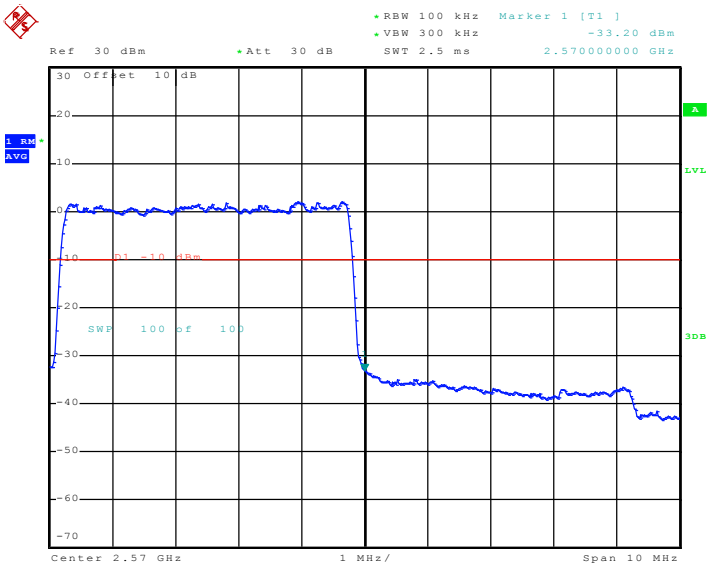
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 25 & RB Offset 0)



Date: 11.SEP.2014 15:18:25

Lowest channel

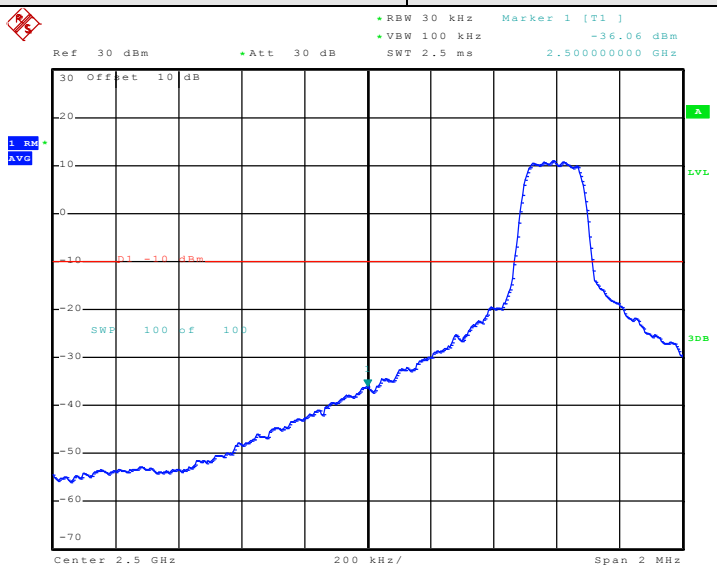


Date: 11.SEP.2014 13:48:49

Highest channel

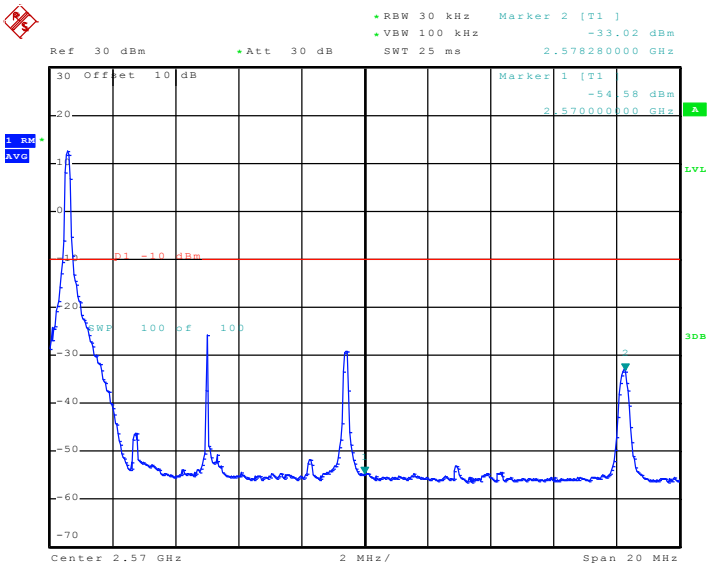
10MHz:

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



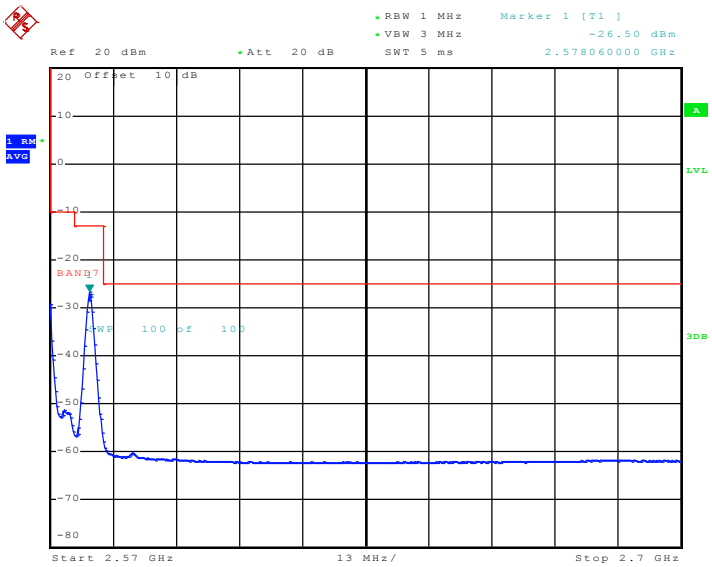
Date: 18.SEP.2014 14:19:13

Lowest channel



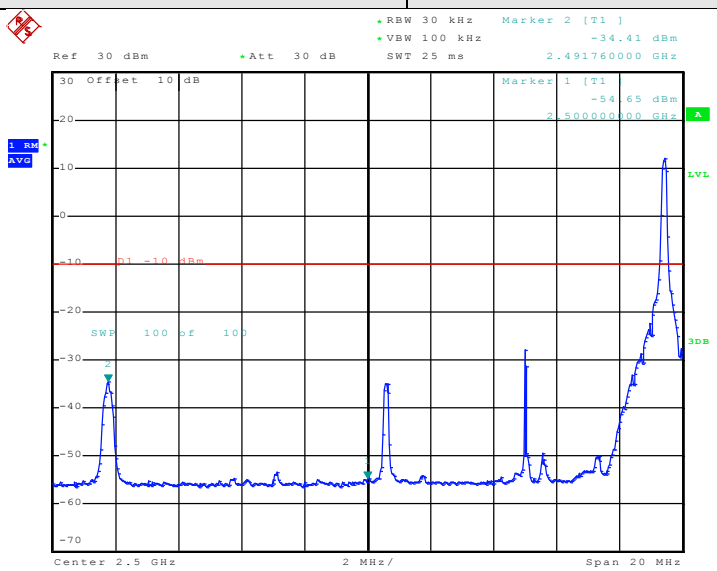
Date: 18.SEP.2014 14:27:09

Highest channel



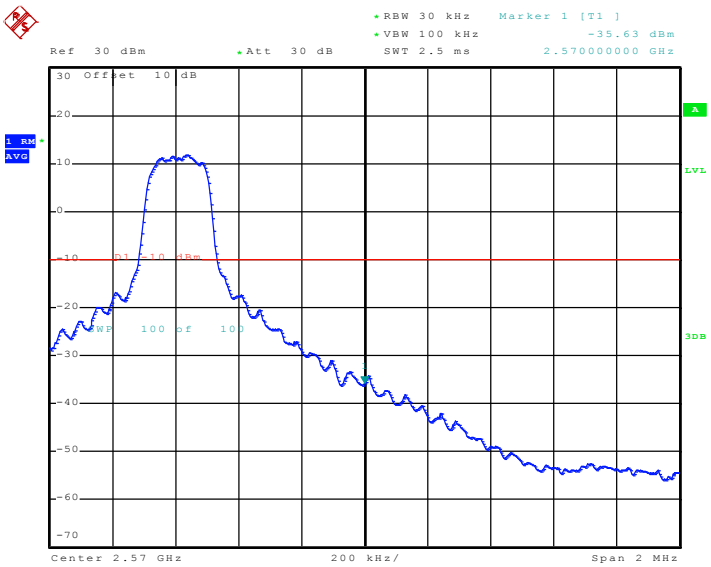
Date: 28.SEP.2014 20:43:48

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 49)



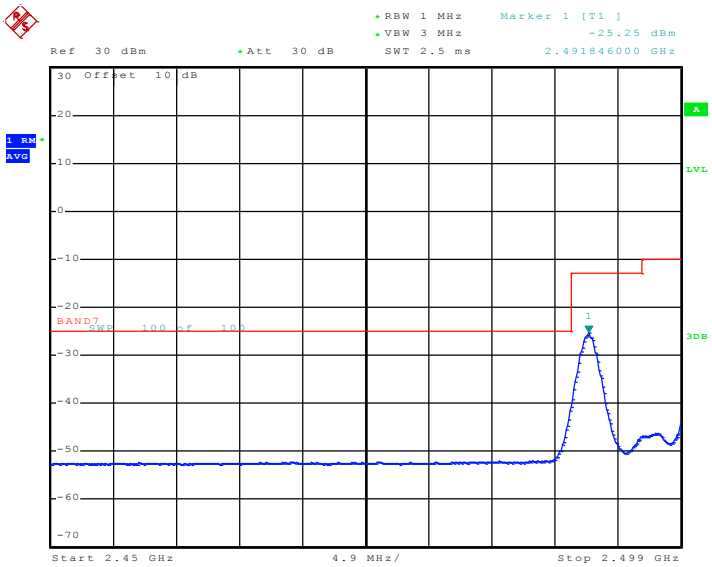
Date: 18.SEP.2014 14:20:35

Lowest channel



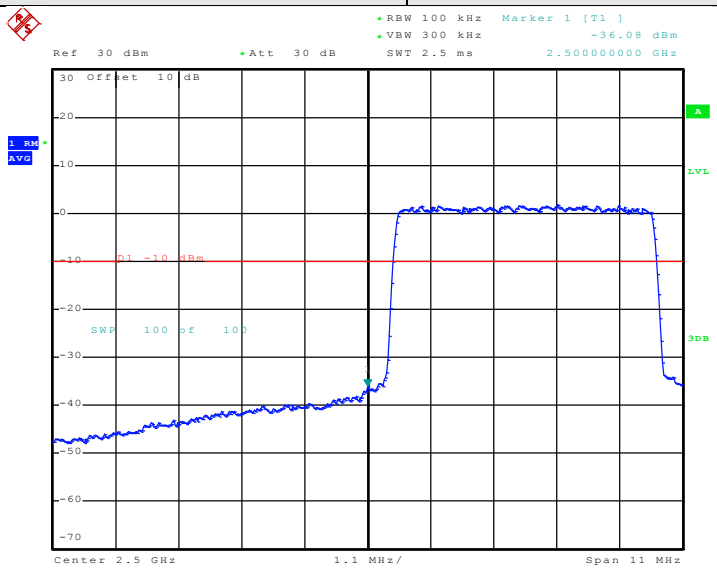
Date: 18.SEP.2014 14:27:49

Highest channel



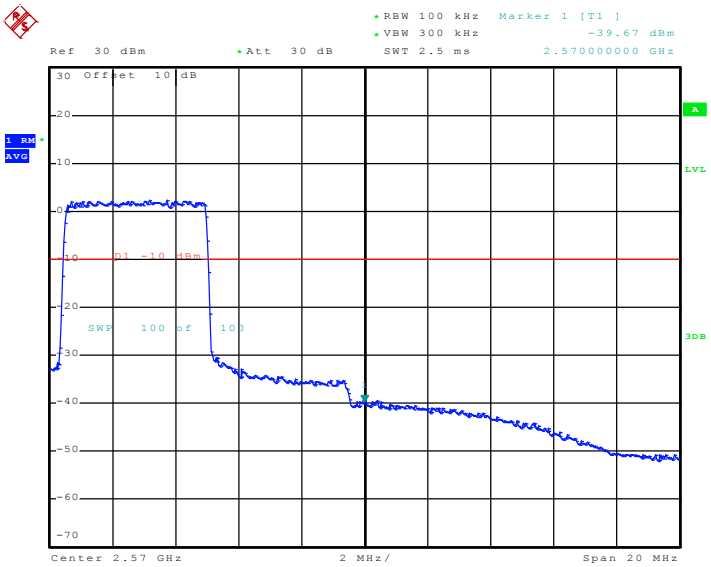
Date: 28.SEP.2014 22:09:45

Test Mode:	LTE band 7(16QAM RB Size 25 & RB Offset 0)



Date: 18.SEP.2014 14:24:55

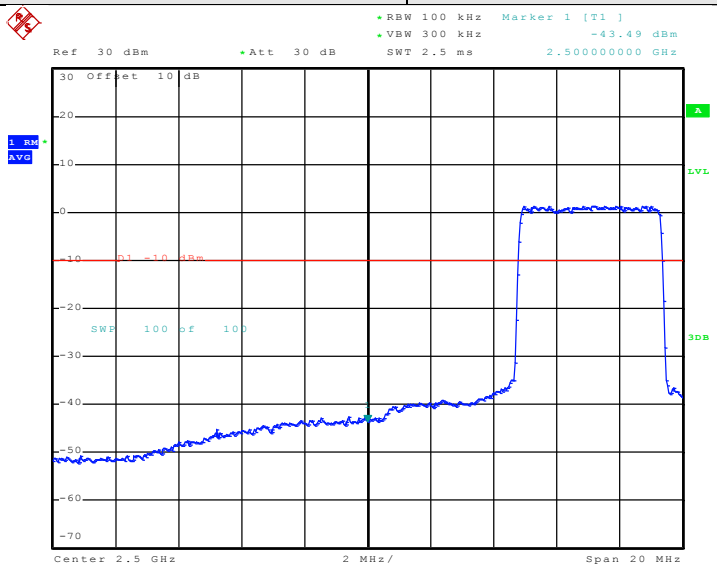
Lowest channel



Date: 18.SEP.2014 14:28:59

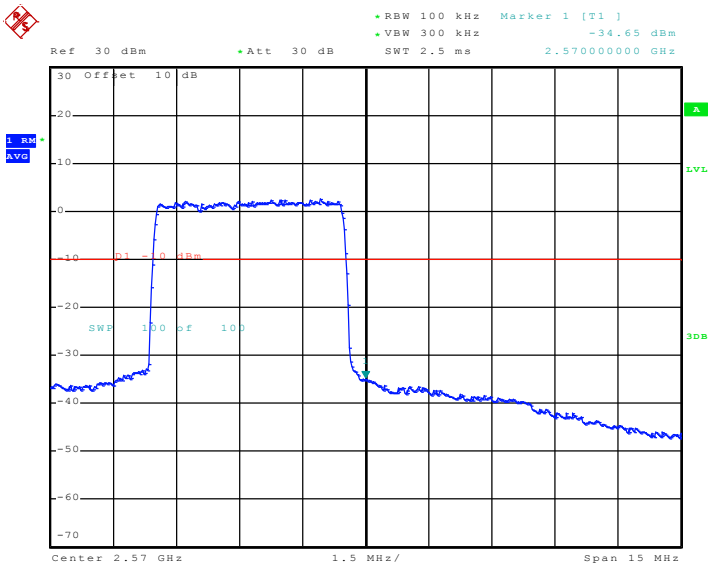
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 25 & RB Offset 24)



Date: 18.SEP.2014 14:25:18

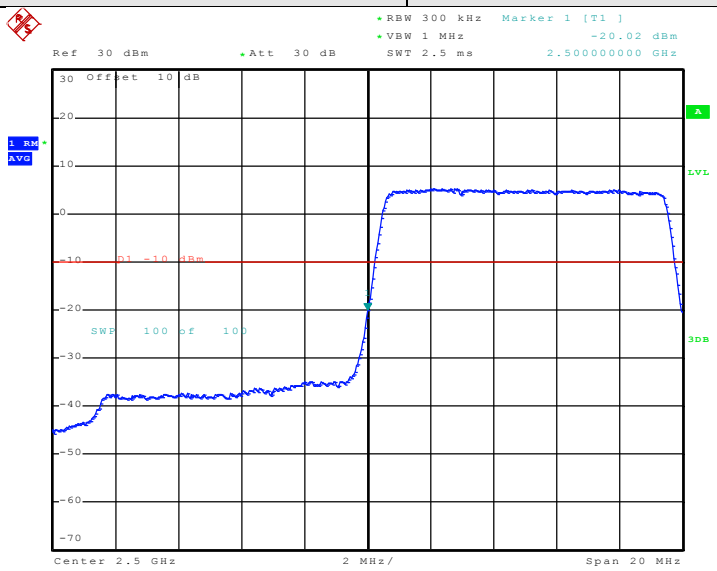
Lowest channel



Date: 28.SEP.2014 19:03:19

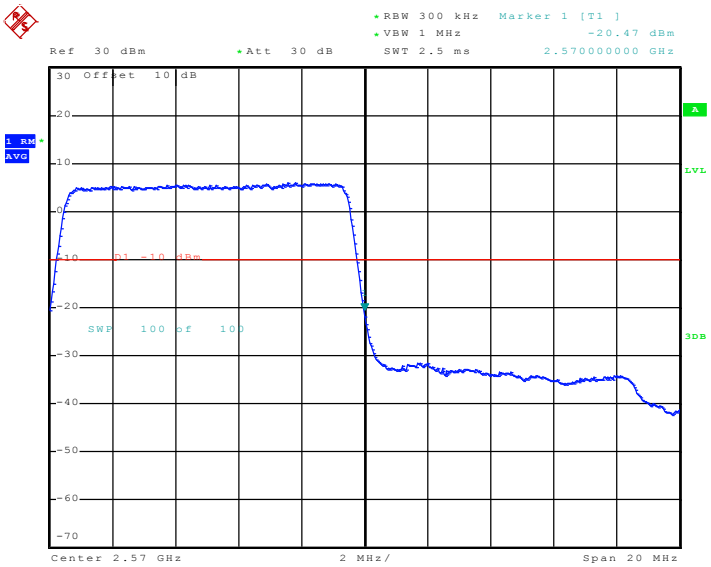
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 0)



Date: 11.SEP.2014 15:28:58

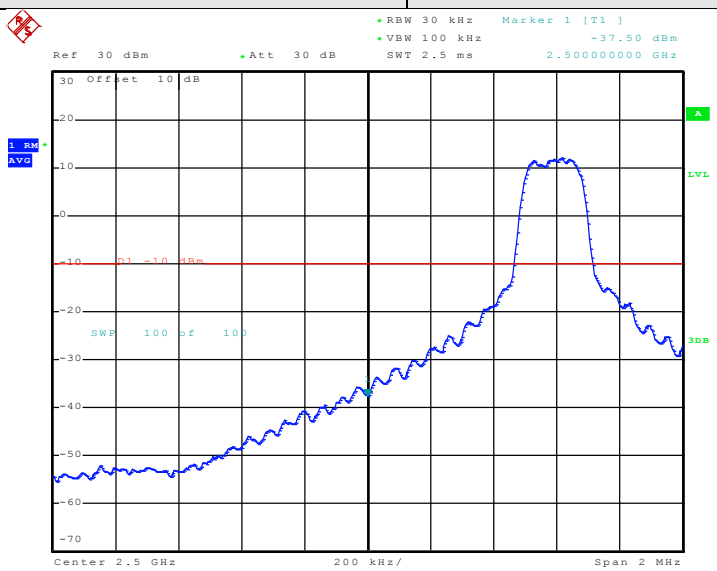
Lowest channel



Date: 11.SEP.2014 15:23:25

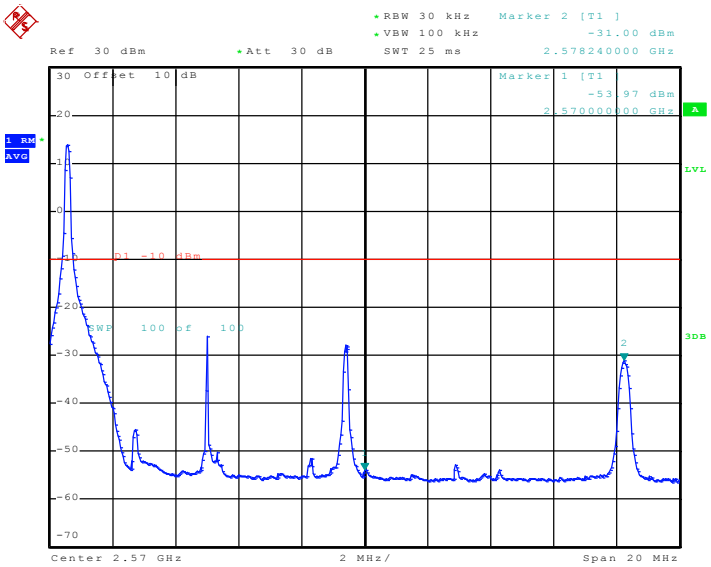
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



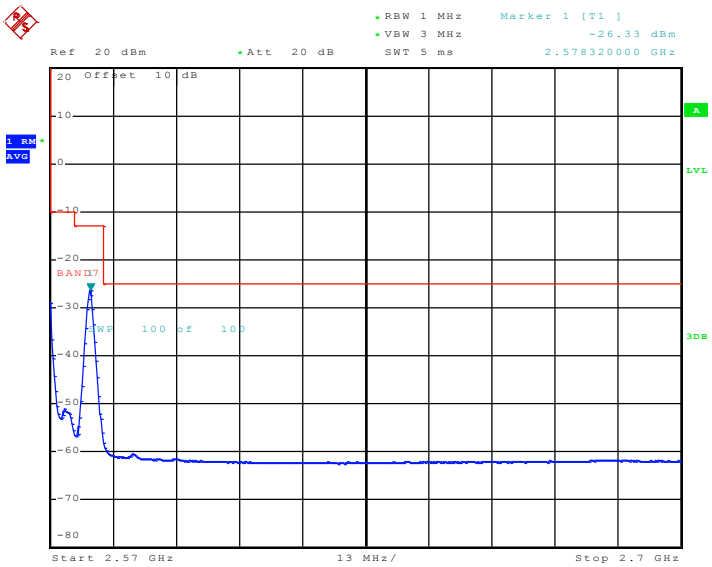
Date: 18.SEP.2014 14:18:42

Lowest channel



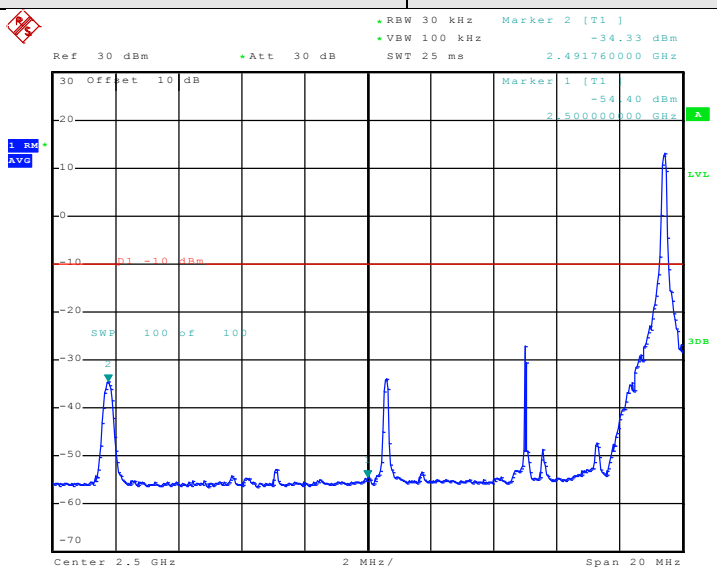
Date: 18.SEP.2014 14:26:57

Highest channel



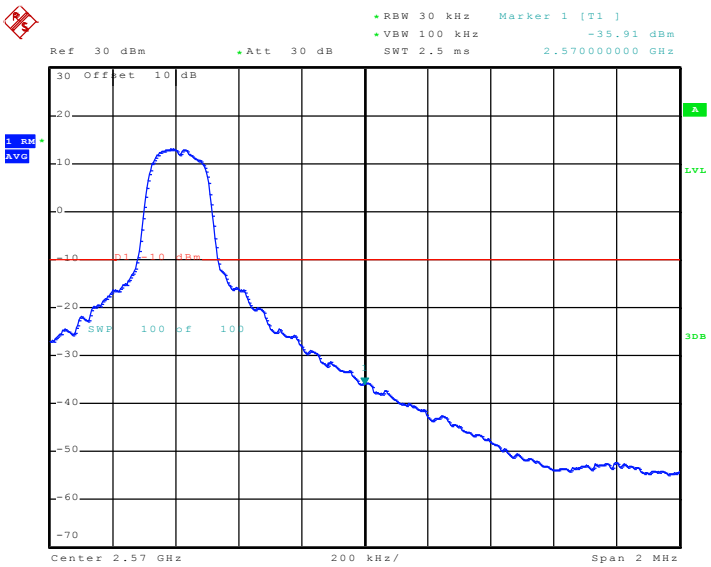
Date: 28.SEP.2014 20:43:28

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 49)



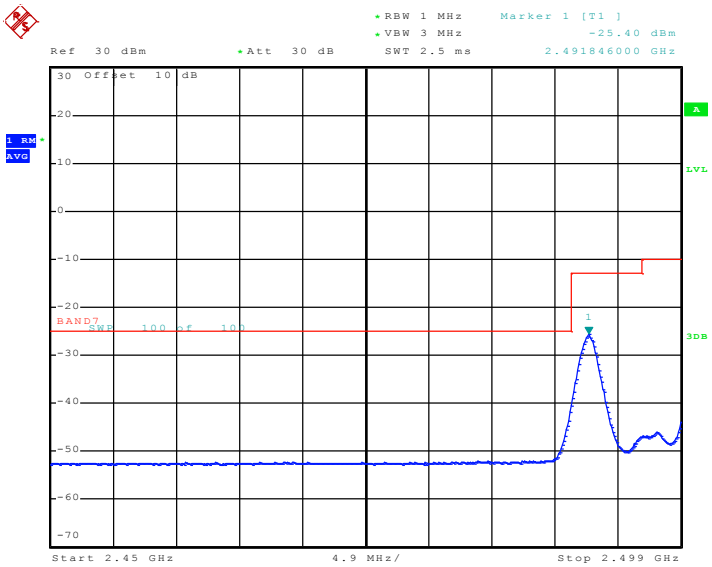
Date: 18.SEP.2014 14:21:00

Lowest channel



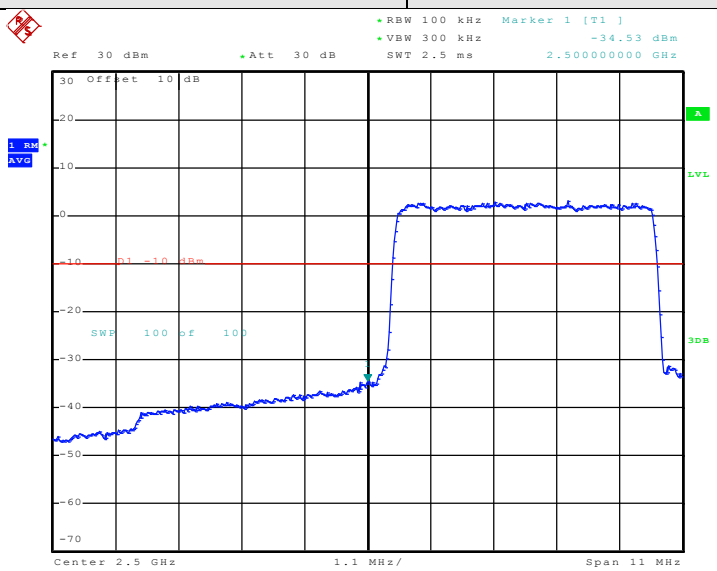
Date: 18.SEP.2014 14:28:11

Highest channel



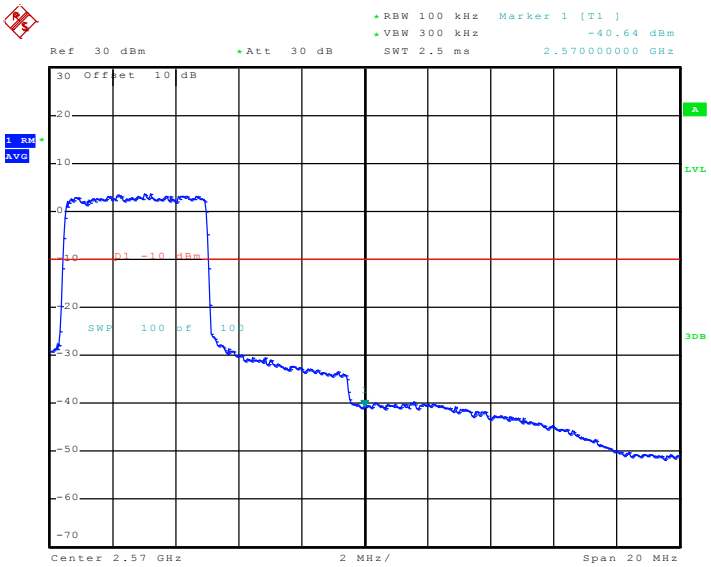
Date: 28.SEP.2014 22:09:40

Test Mode:	LTE band 7(QPSK RB Size 25 & RB Offset 0)



Date: 18.SEP.2014 14:24:44

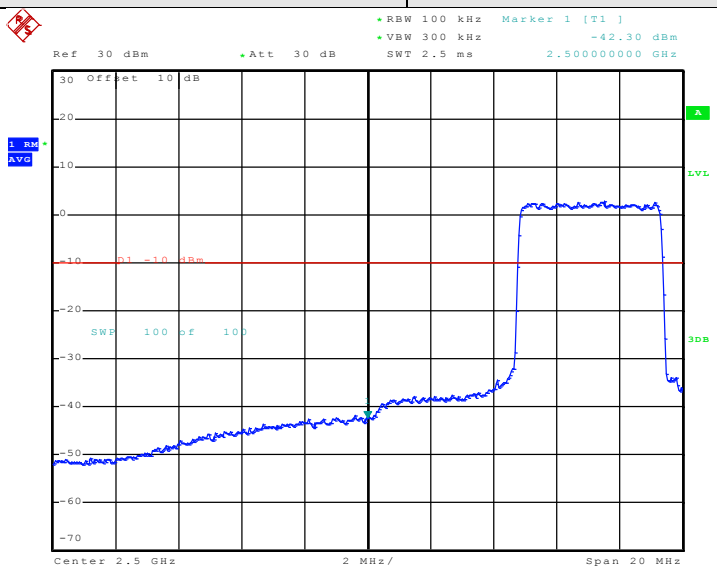
Lowest channel



Date: 18.SEP.2014 14:28:48

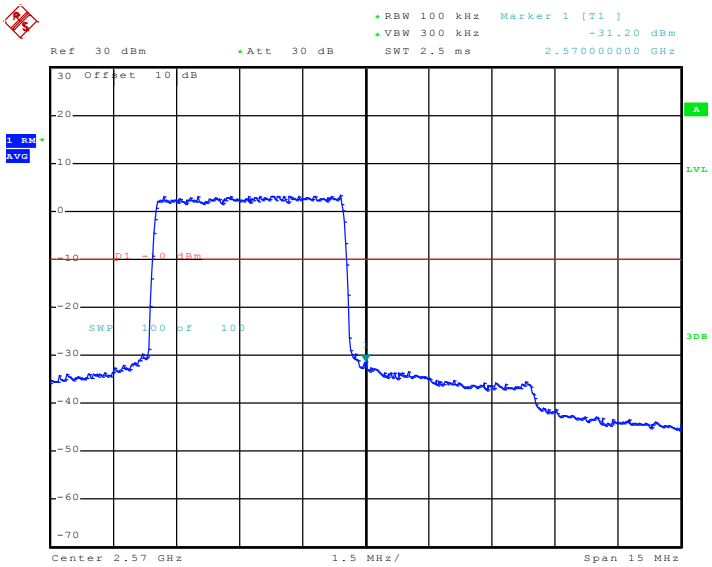
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 25 & RB Offset 24)



Date: 18.SEP.2014 14:25:39

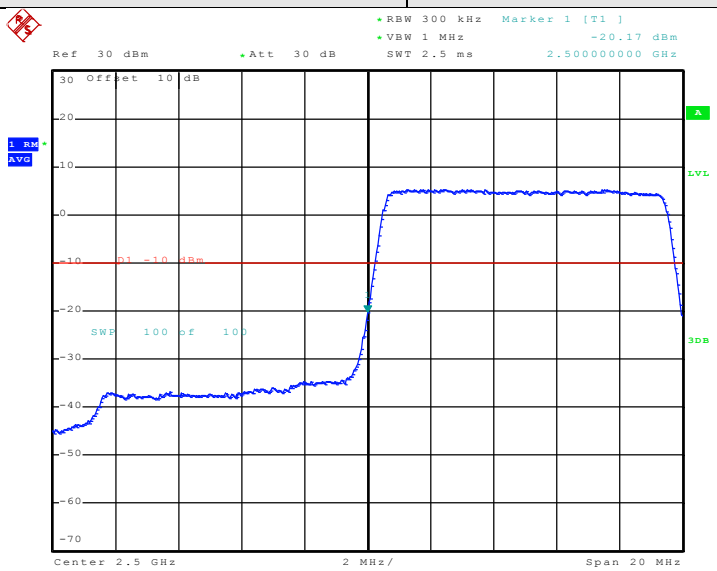
Lowest channel



Date: 28.SEP.2014 19:03:03

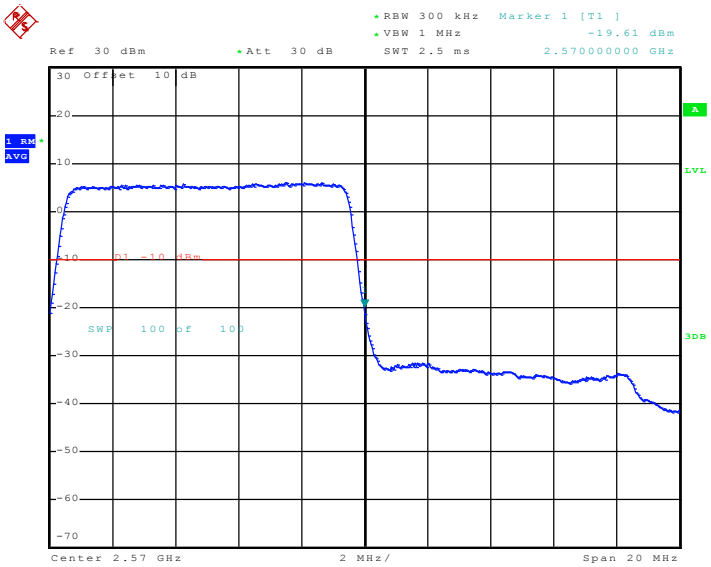
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 0)



Date: 11.SEP.2014 15:28:02

Lowest channel

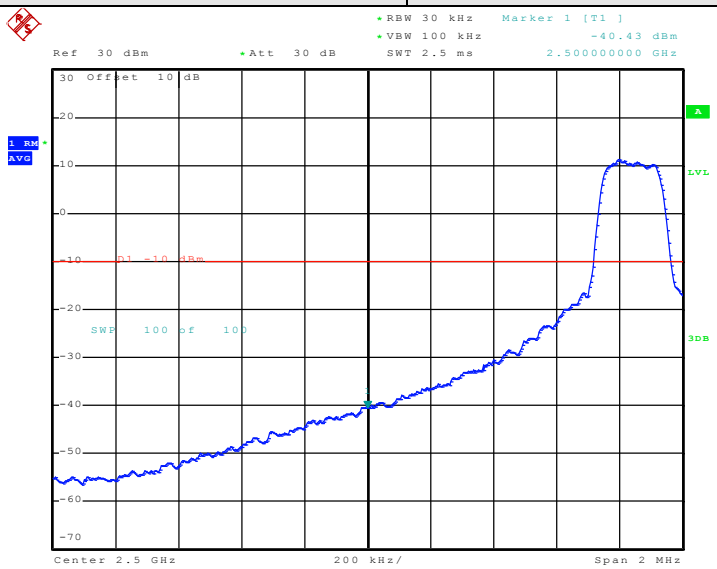


Date: 11.SEP.2014 15:22:32

Highest channel

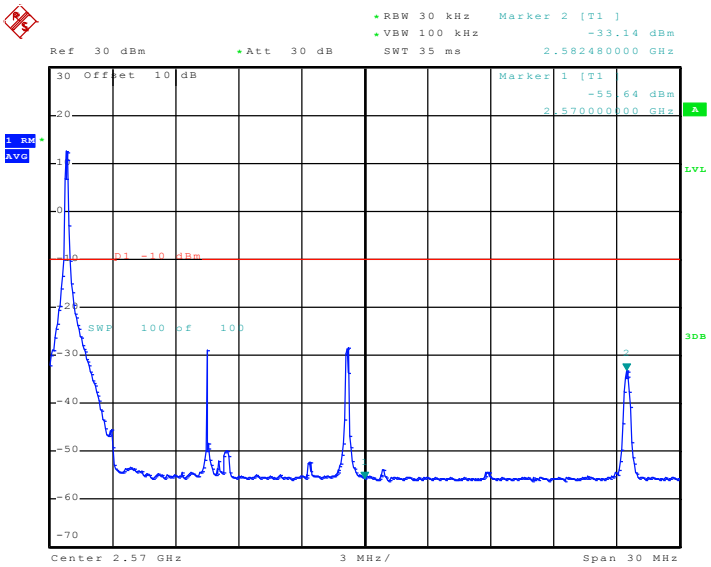
15MHz:

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



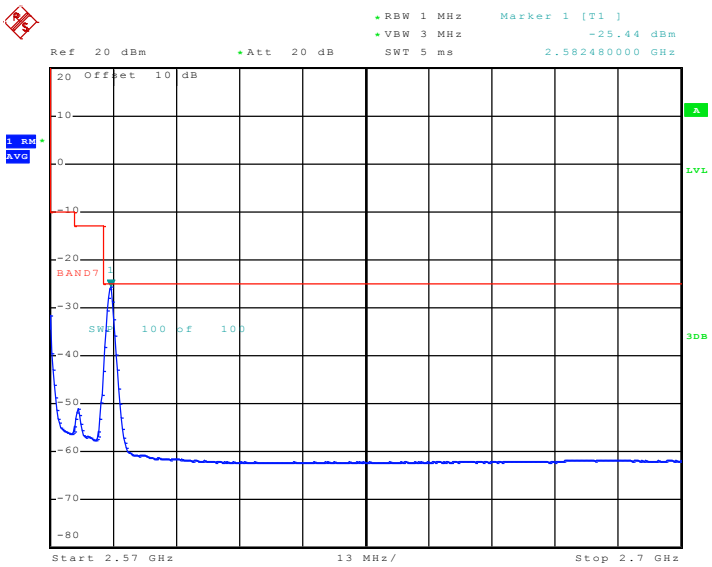
Date: 18.SEP.2014 14:40:02

Lowest channel



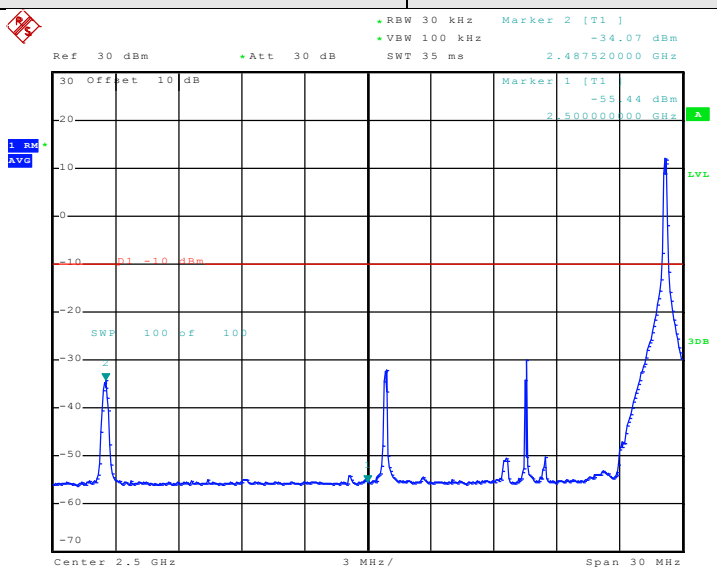
Date: 18.SEP.2014 14:44:43

Highest channel



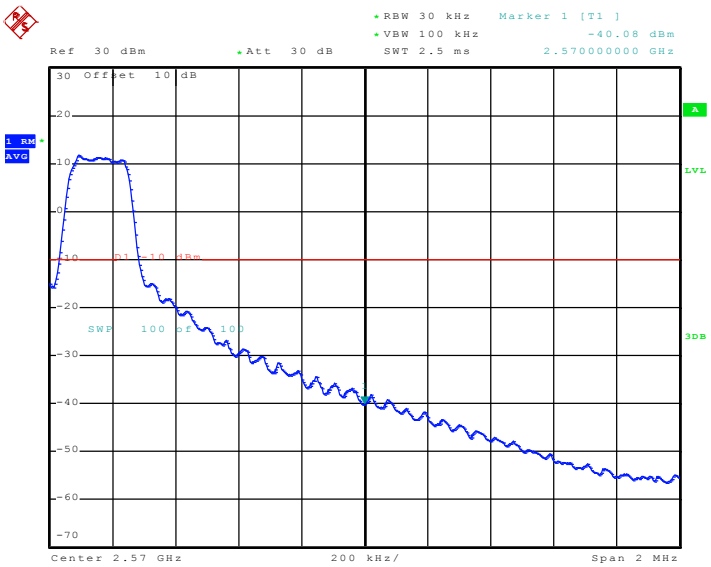
Date: 28.SEP.2014 20:40:17

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 74)



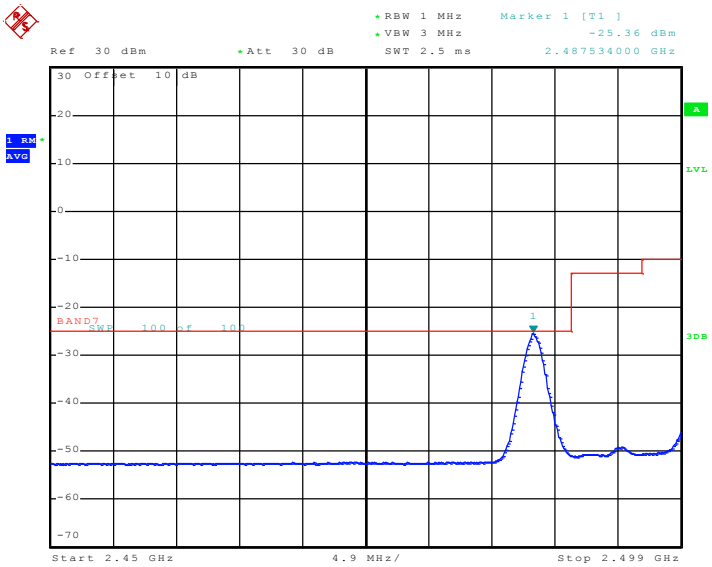
Date: 18.SEP.2014 14:40:54

Lowest channel



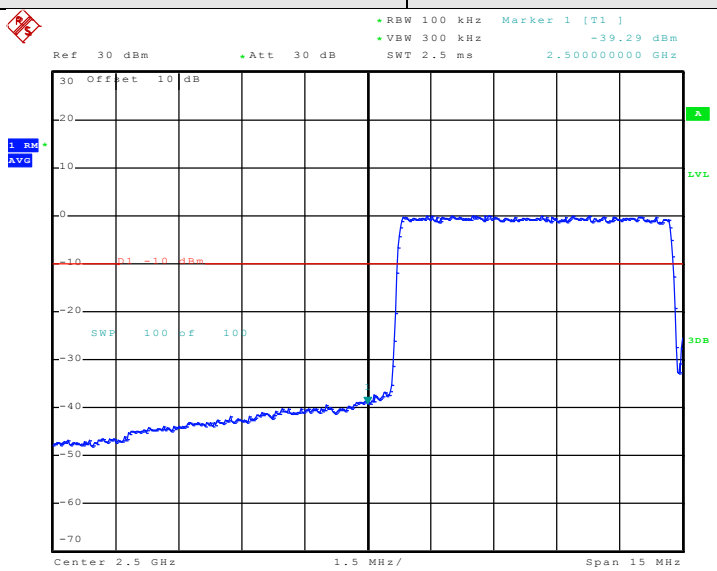
Date: 18.SEP.2014 14:46:05

Highest channel



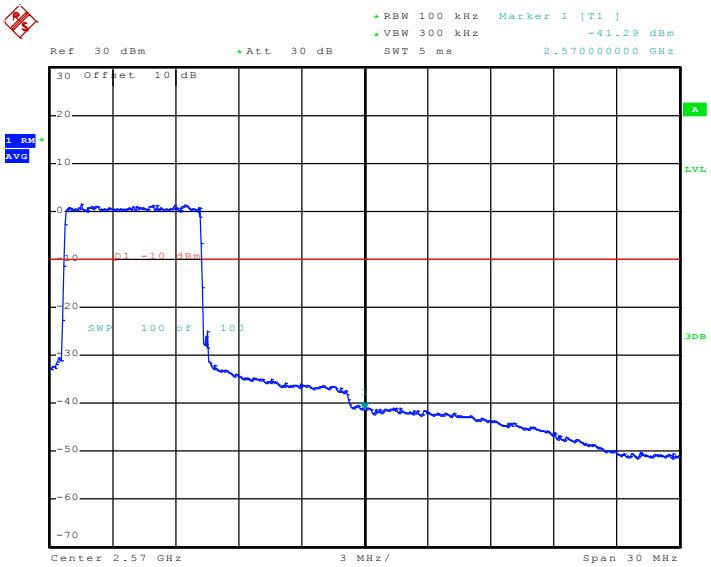
Date: 28.SEP.2014 22:08:17

Test Mode:	LTE band 7(16QAM RB Size 36 & RB Offset 0)



Date: 18.SEP.2014 14:42:07

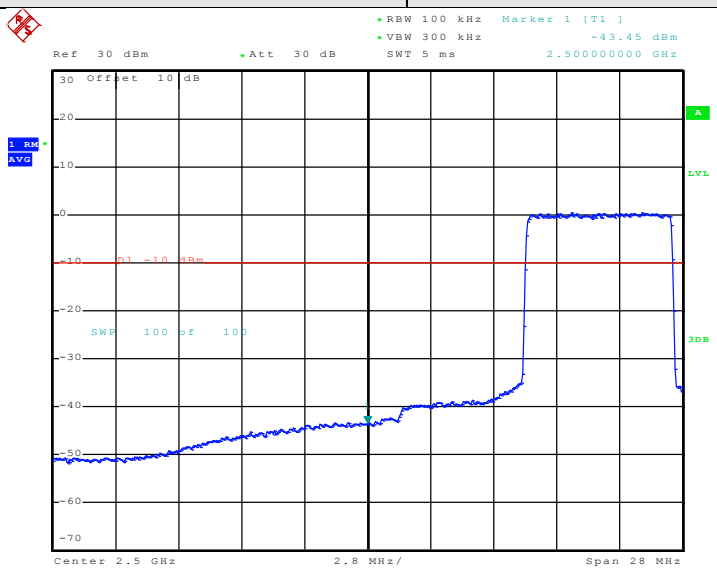
Lowest channel



Date: 18.SEP.2014 14:46:57

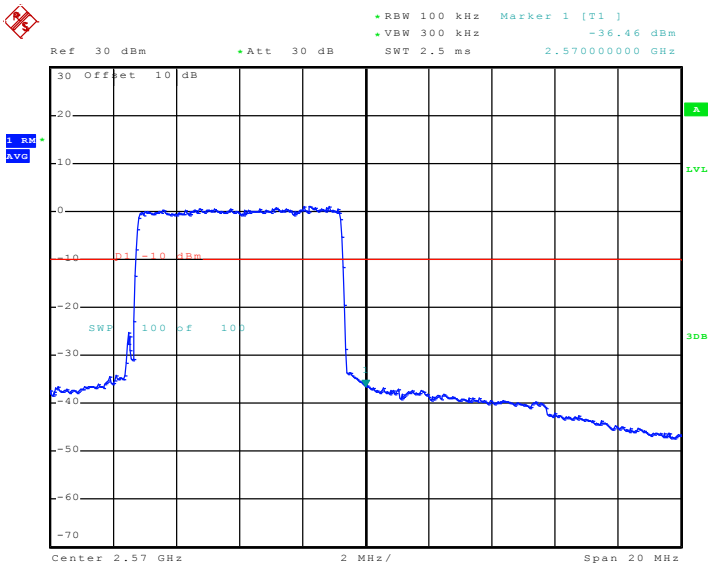
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 36 & RB Offset 35)



Date: 18.SEP.2014 14:42:43

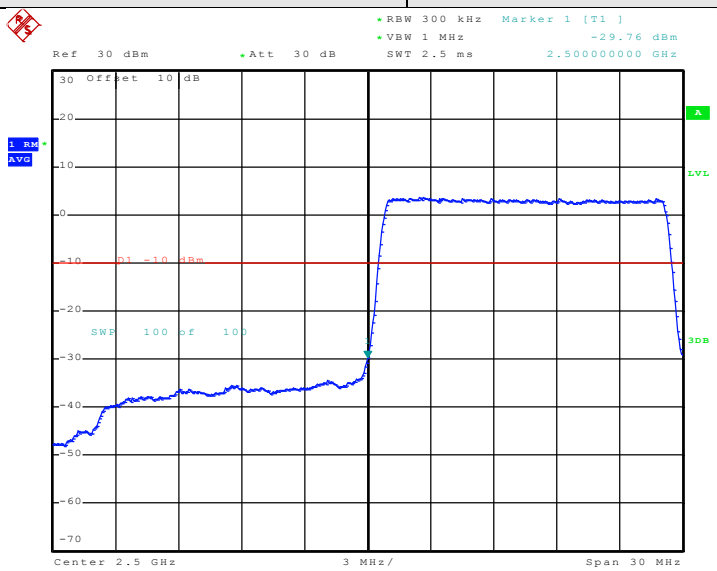
Lowest channel



Date: 28.SEP.2014 19:00:14

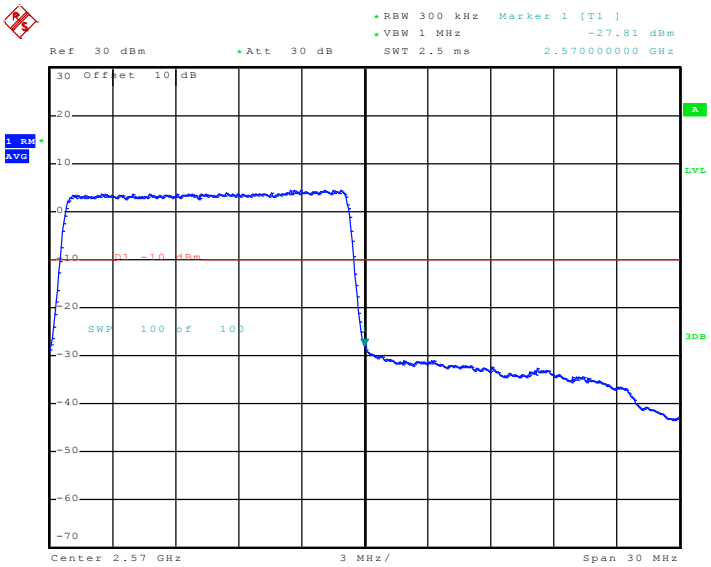
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 75 & RB Offset 0)



Date: 11.SEP.2014 15:31:21

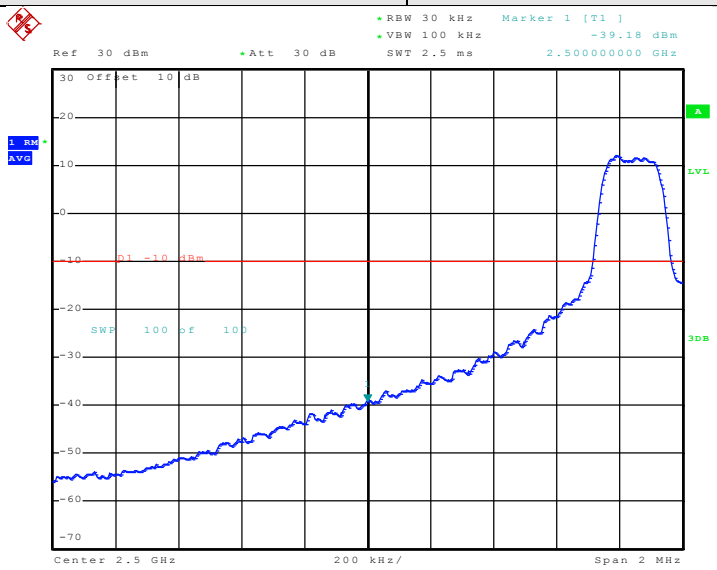
Lowest channel



Date: 11.SEP.2014 15:32:45

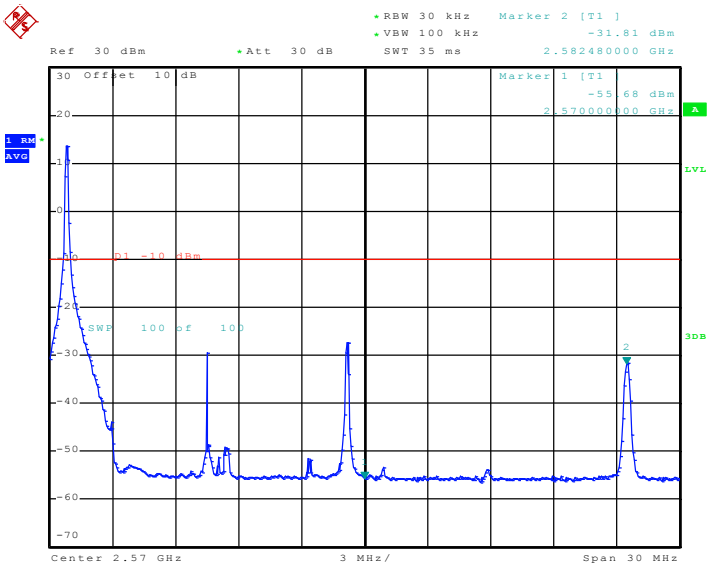
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



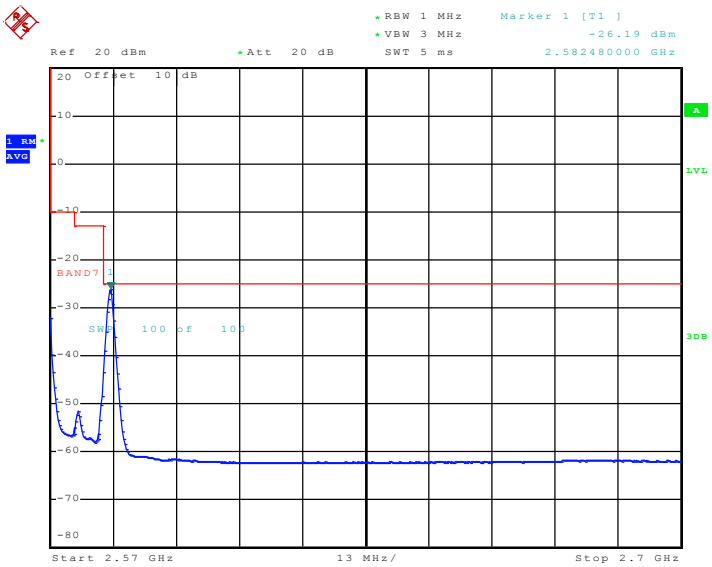
Date: 18.SEP.2014 14:39:47

Lowest channel



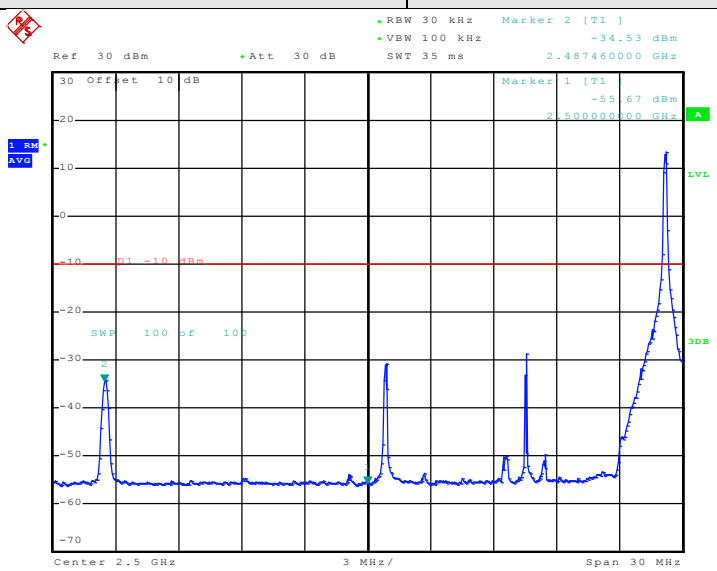
Date: 18.SEP.2014 14:44:04

Highest channel



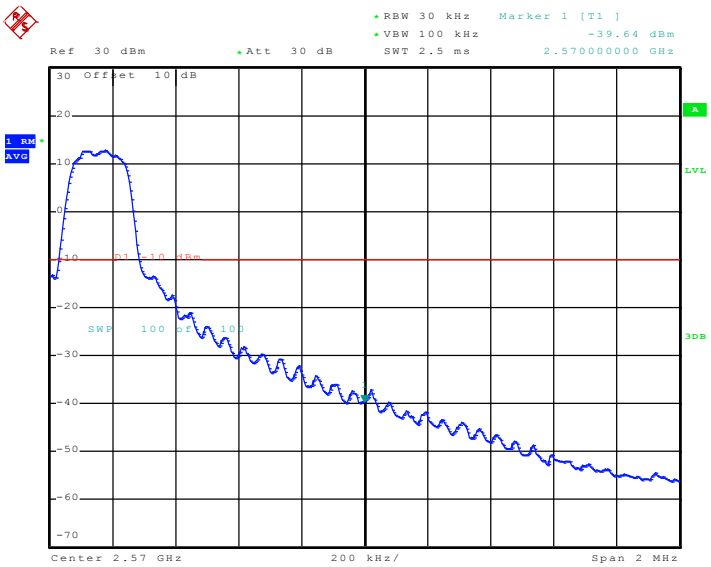
Date: 28.SEP.2014 20:40:27

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 74)



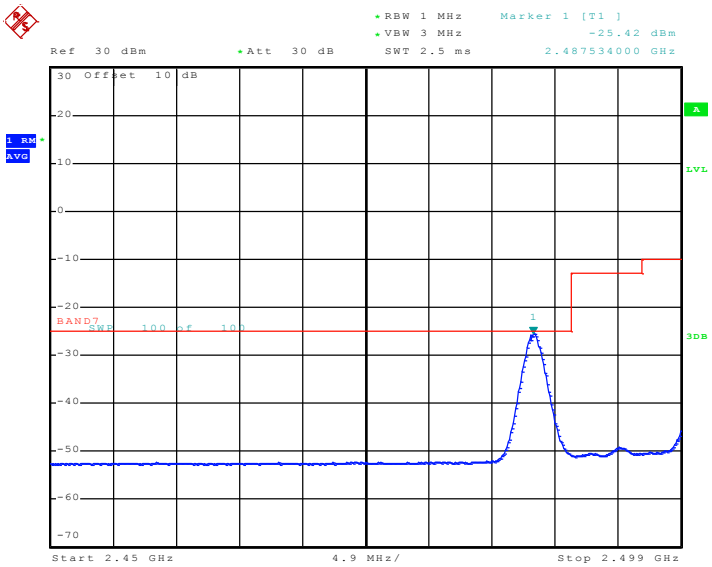
Date: 18.SEP.2014 14:41:14

Lowest channel



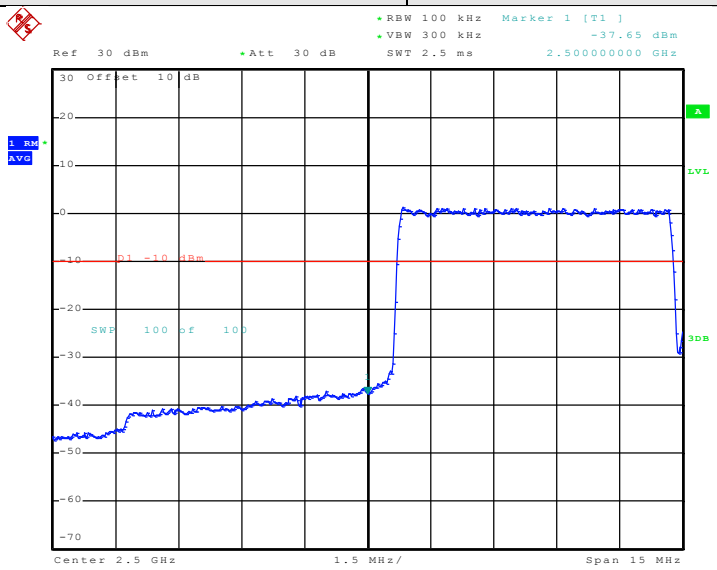
Date: 18.SEP.2014 14:45:42

Highest channel



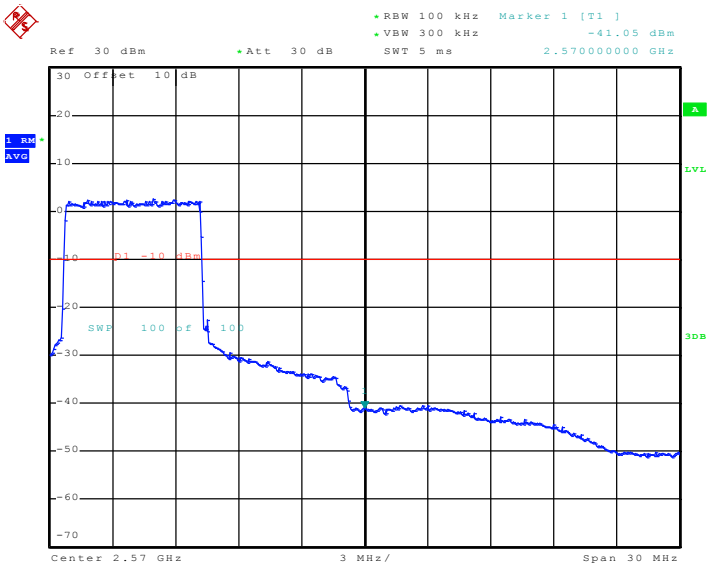
Date: 28.SEP.2014 22:08:53

Test Mode:	LTE band 7(QPSK RB Size 36 & RB Offset 0)



Date: 18.SEP.2014 14:41:57

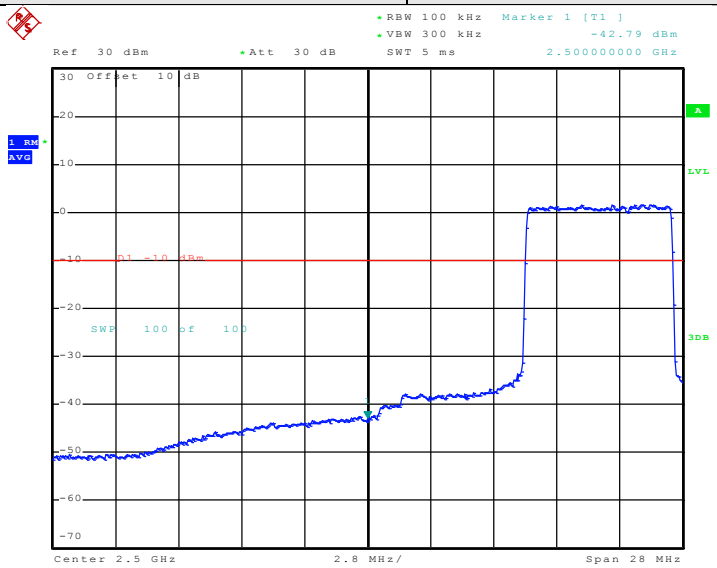
Lowest channel



Date: 18.SEP.2014 14:47:32

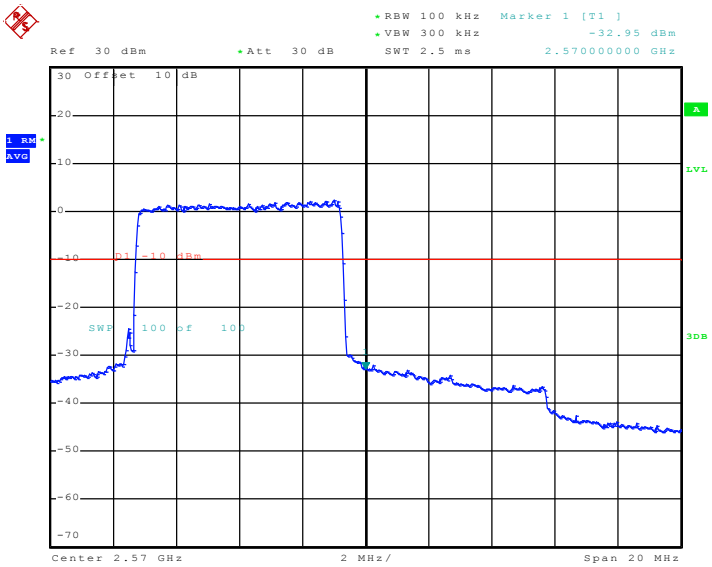
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 36 & RB Offset 35)



Date: 18.SEP.2014 14:43:01

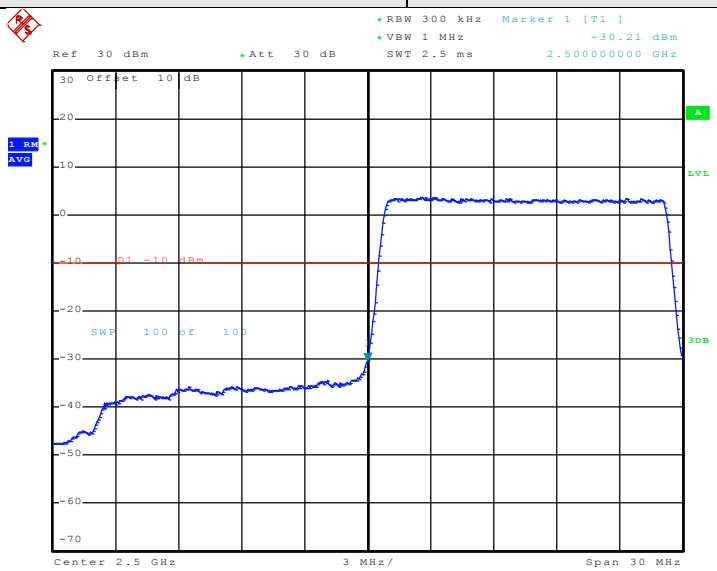
Lowest channel



Date: 28.SEP.2014 19:00:29

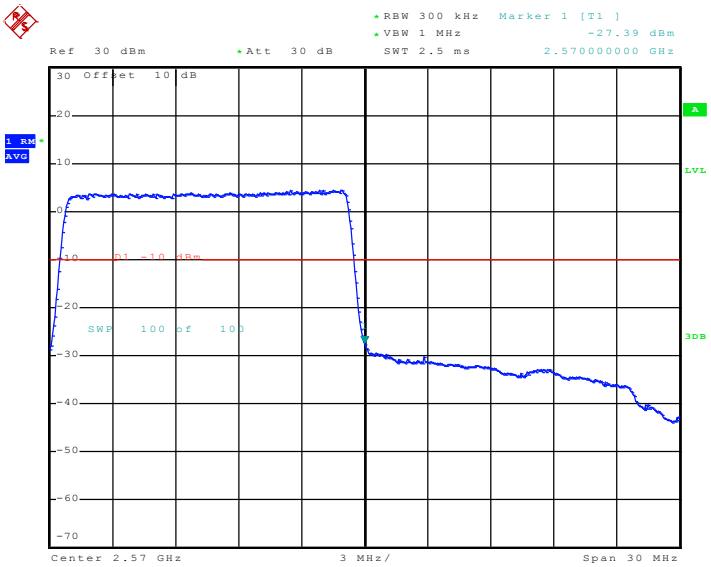
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 75 & RB Offset 0)



Date: 11.SEP.2014 15:30:41

Lowest channel

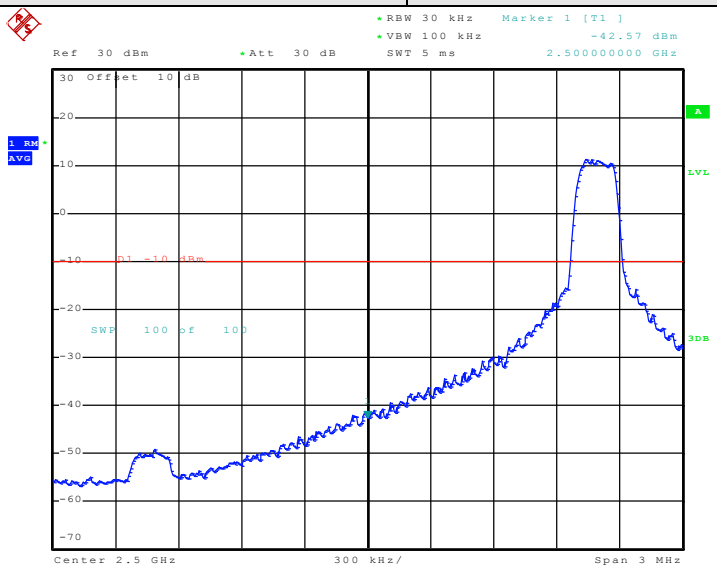


Date: 11.SEP.2014 15:32:19

Highest channel

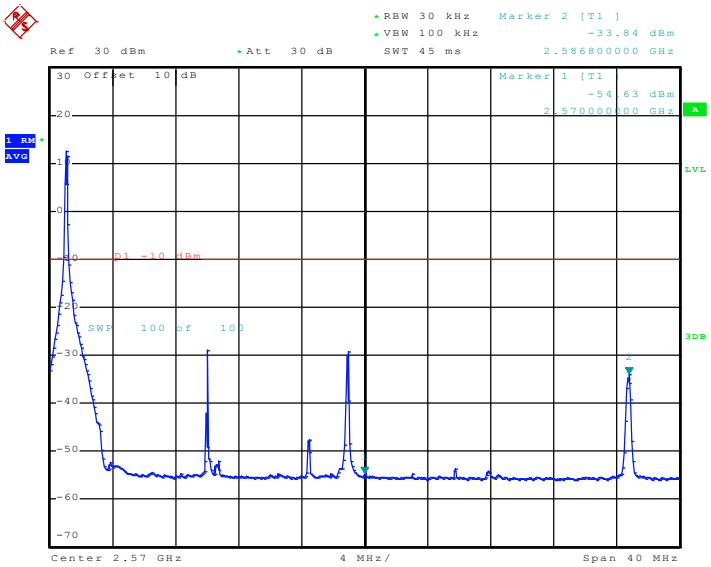
20MHz:

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



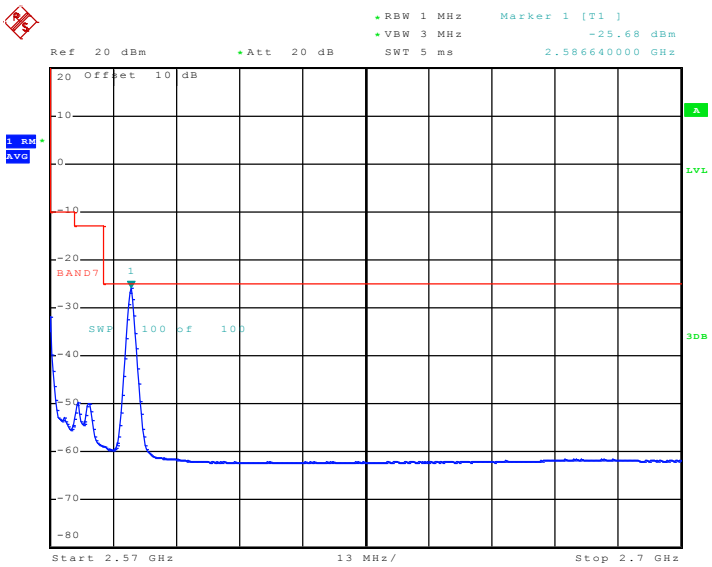
Date: 18.SEP.2014 14:52:06

Lowest channel



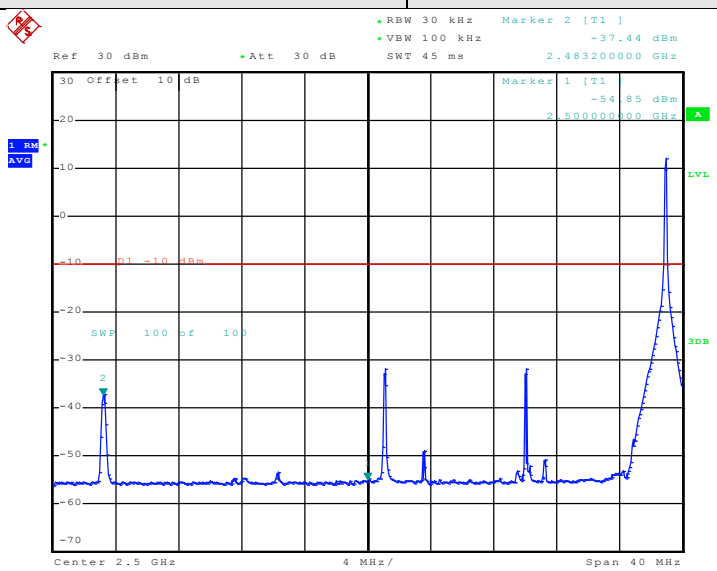
Date: 18.SEP.2014 14:57:45

Highest channel



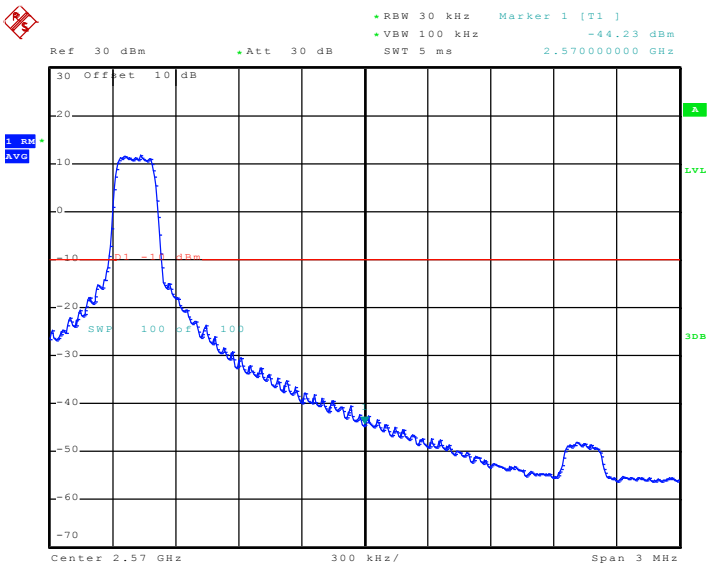
Date: 28.SEP.2014 20:37:36

Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 99)



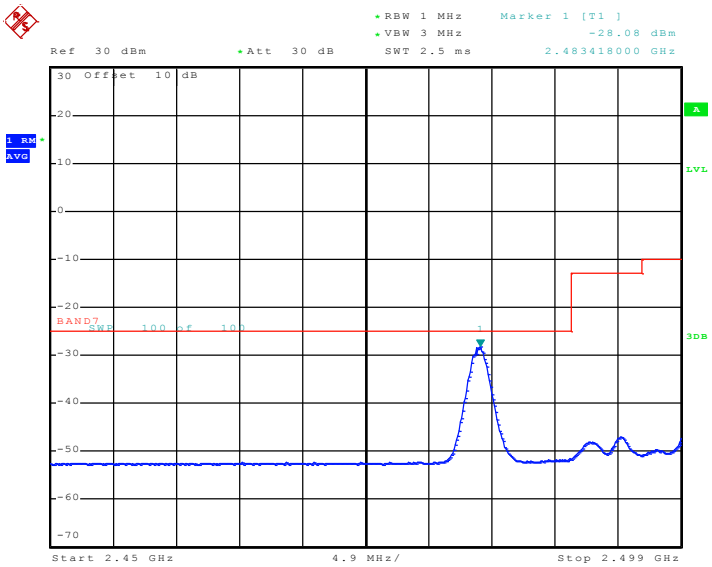
Date: 18.SEP.2014 14:52:59

Lowest channel



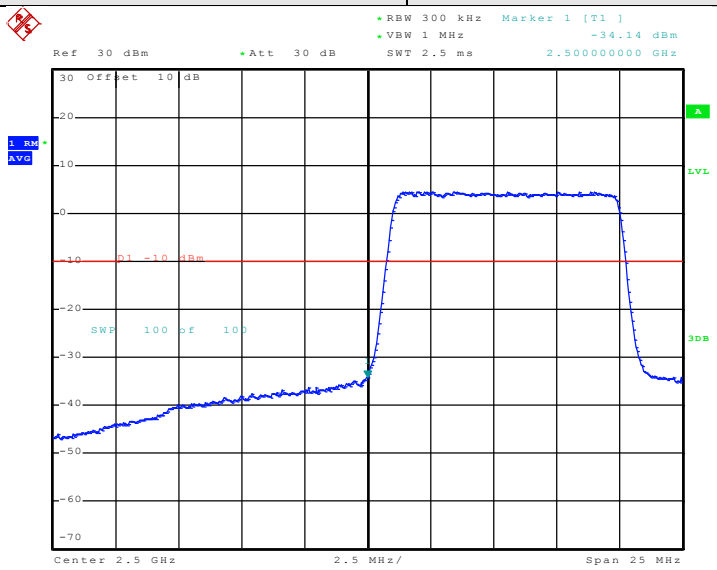
Date: 18.SEP.2014 14:59:05

Highest channel



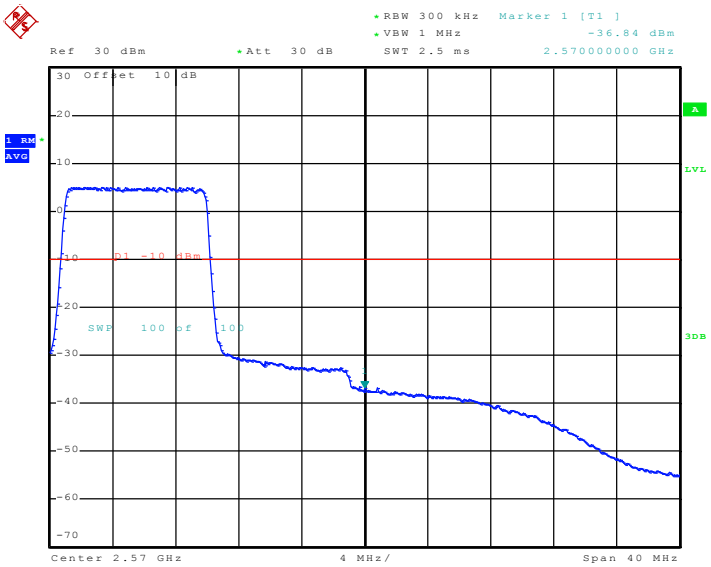
Date: 28.SEP.2014 22:07:41

Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 0)



Date: 18.SEP.2014 14:54:39

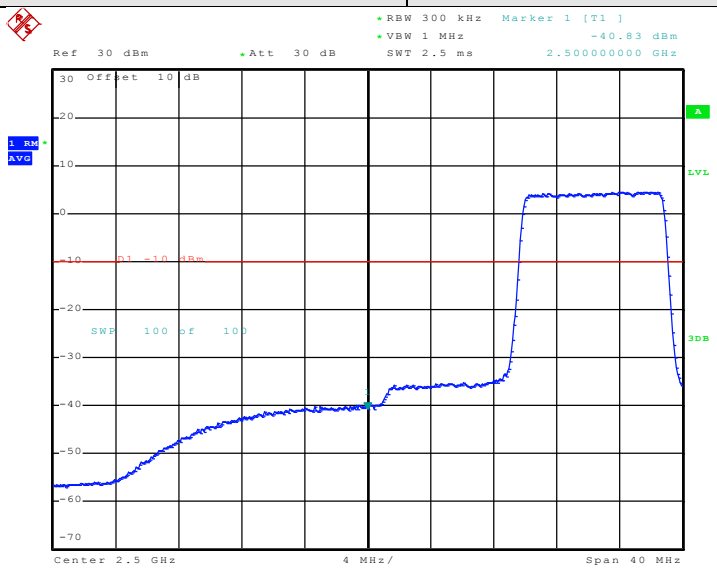
Lowest channel



Date: 18.SEP.2014 15:00:41

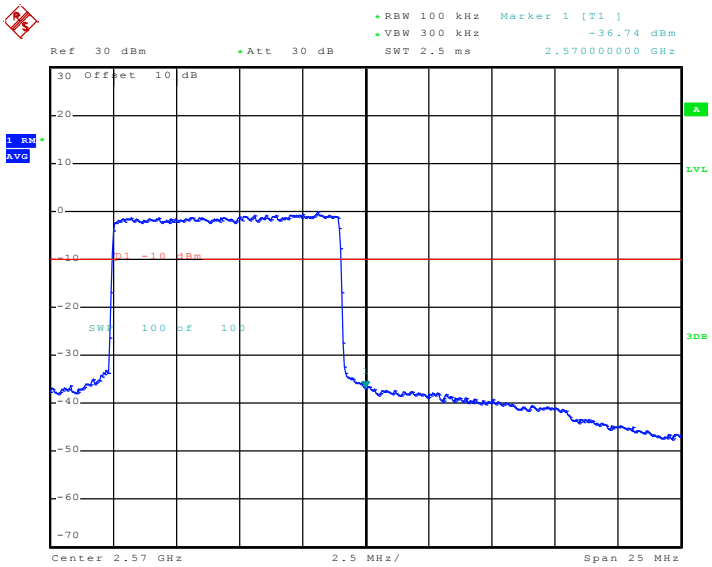
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 49)



Date: 18.SEP.2014 14:55:12

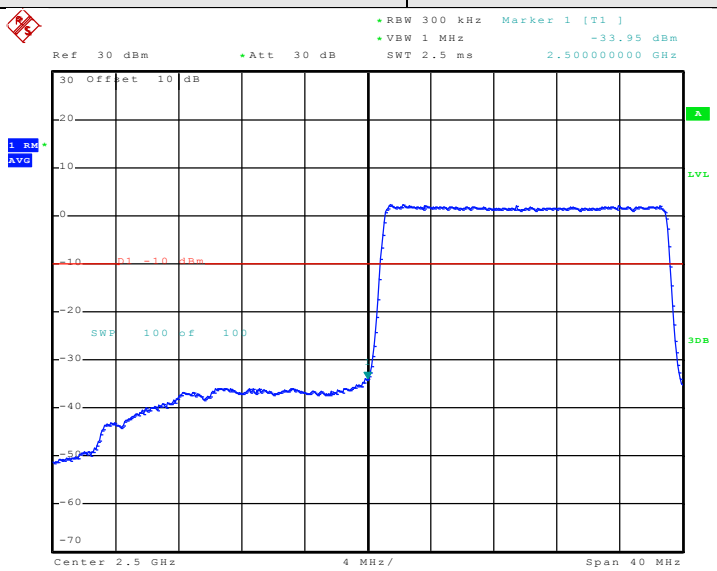
Lowest channel



Date: 28.SEP.2014 19:01:20

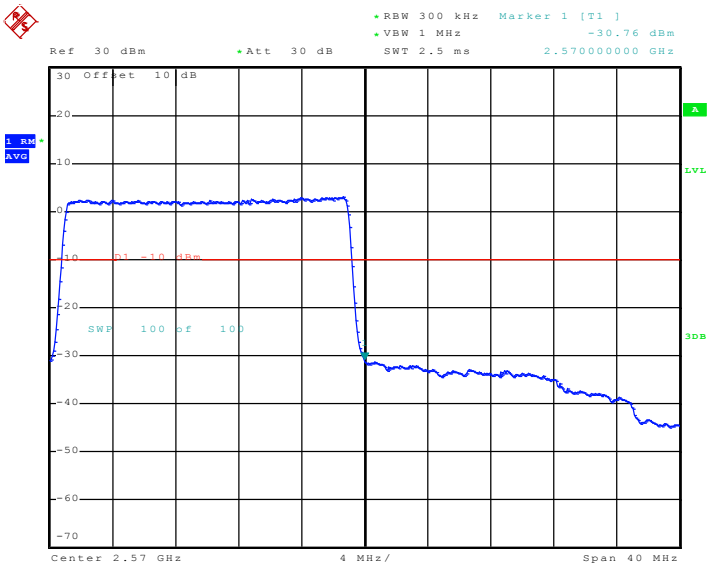
Highest channel

Test Mode:	LTE band 7(16QAM RB Size 100 & RB Offset 0)



Date: 11.SEP.2014 15:35:49

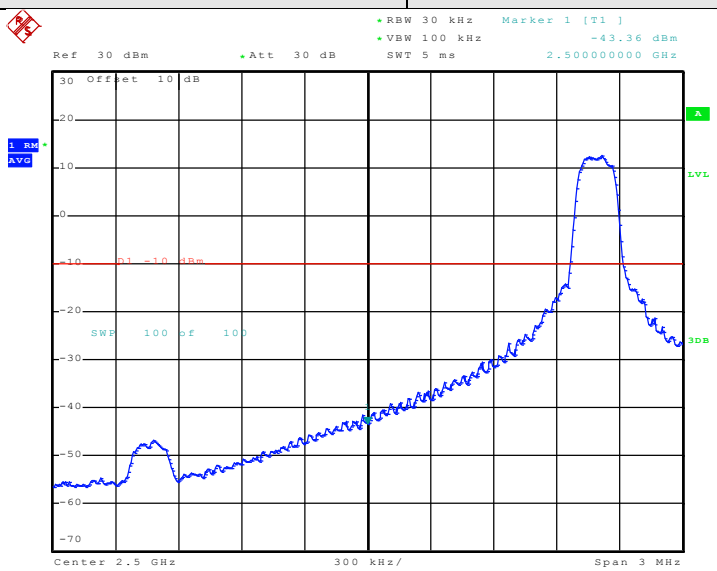
Lowest channel



Date: 11.SEP.2014 15:34:15

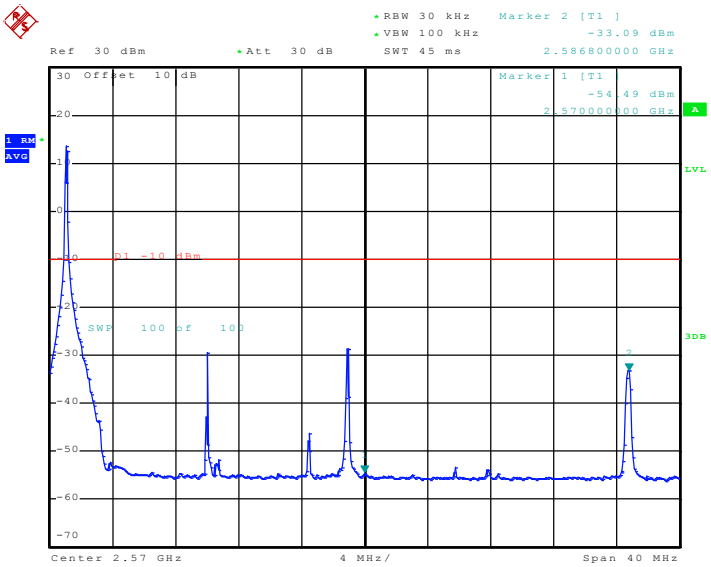
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



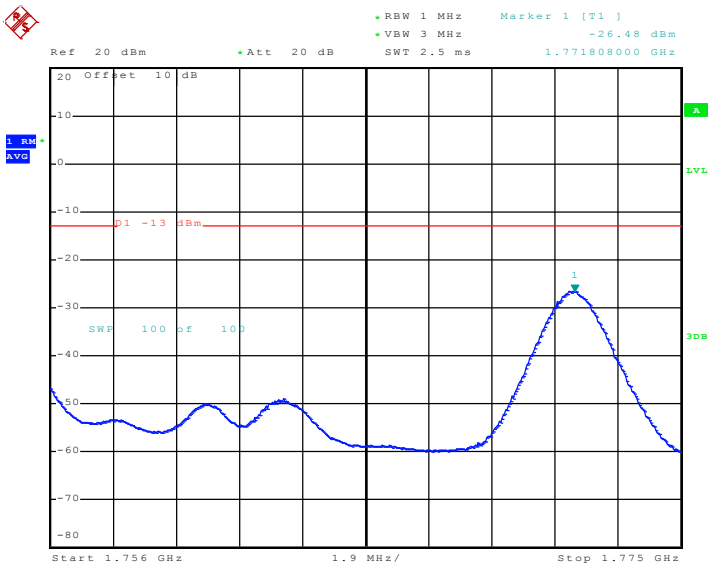
Date: 18.SEP.2014 14:51:49

Lowest channel



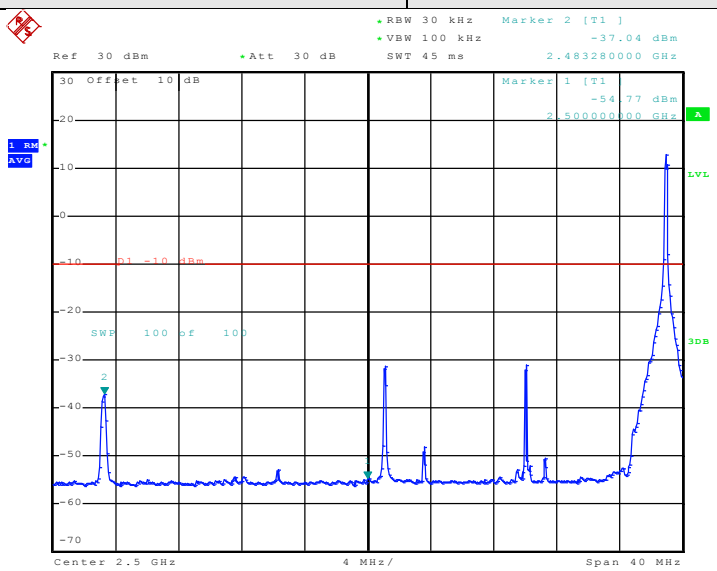
Date: 18.SEP.2014 14:58:08

Highest channel



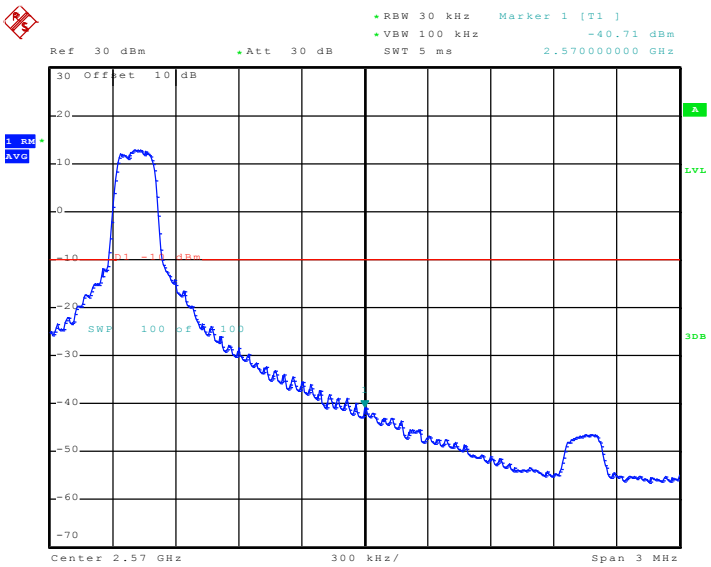
Date: 28.SEP.2014 21:08:03

Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 99)



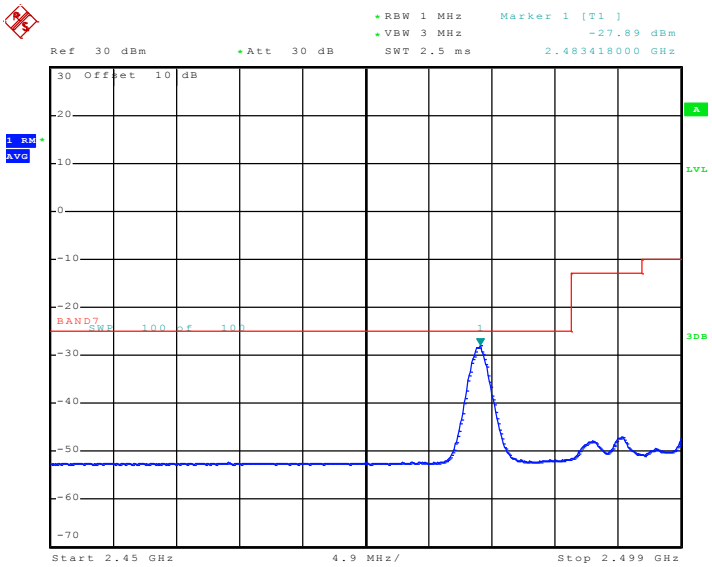
Date: 18.SEP.2014 14:53:24

Lowest channel



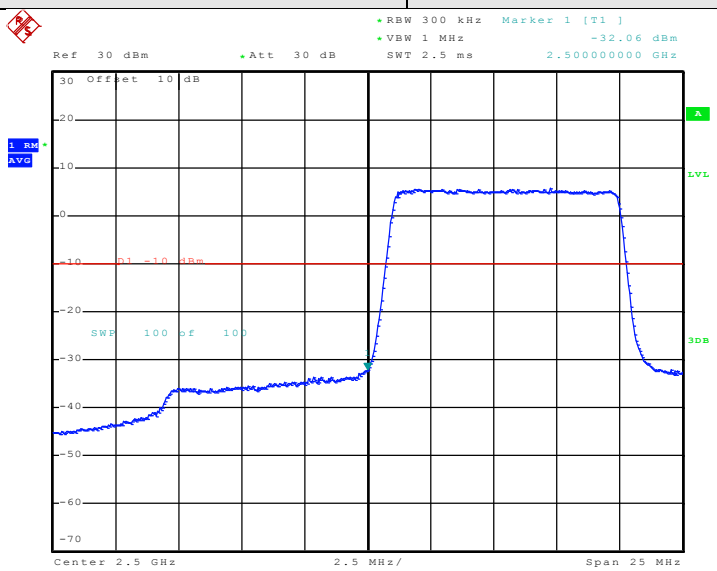
Date: 18.SEP.2014 14:58:41

Highest channel



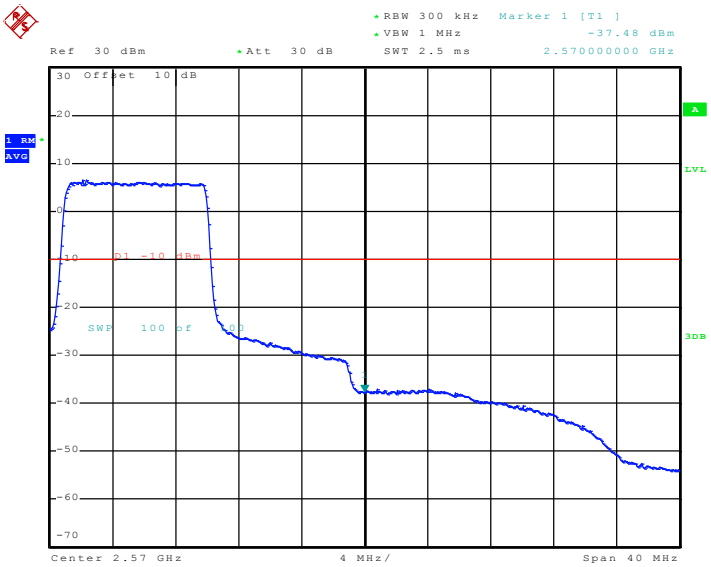
Date: 28.SEP.2014 22:07:34

Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 0)



Date: 18.SEP.2014 14:54:21

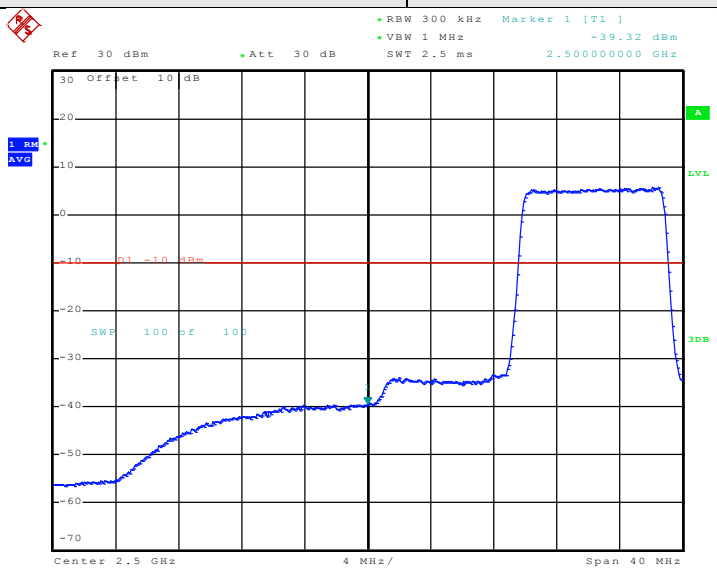
Lowest channel



Date: 18.SEP.2014 15:01:19

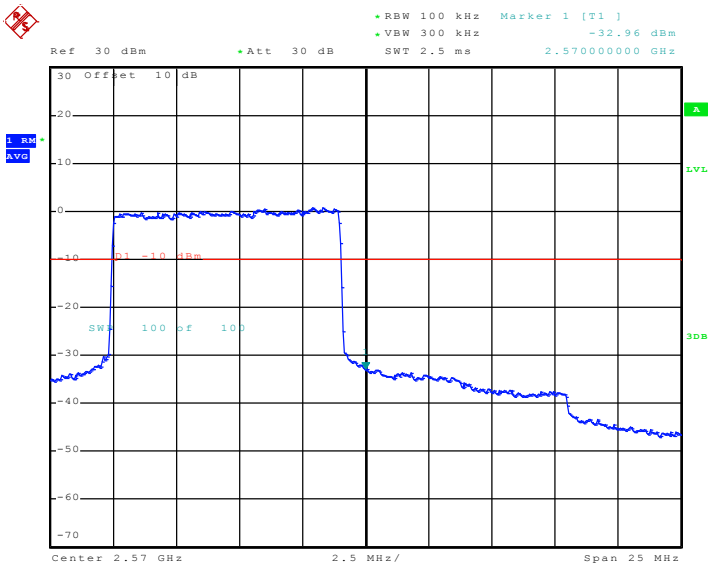
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 49)



Date: 18.SEP.2014 14:55:39

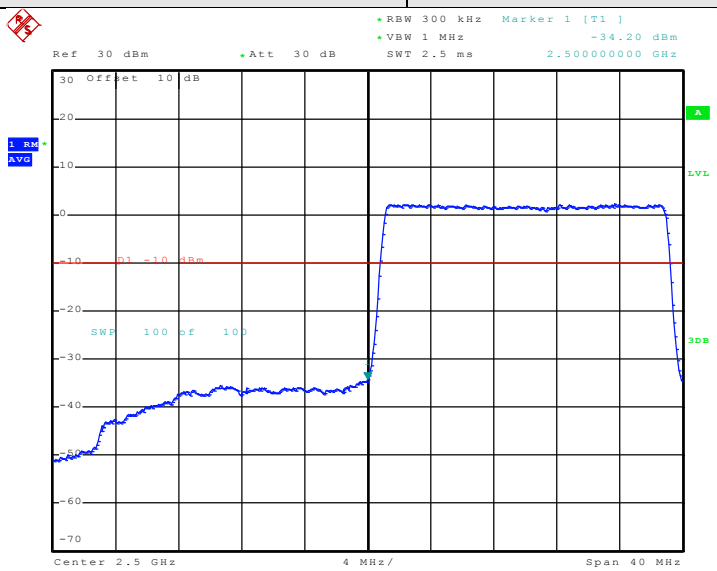
Lowest channel



Date: 28.SEP.2014 19:01:05

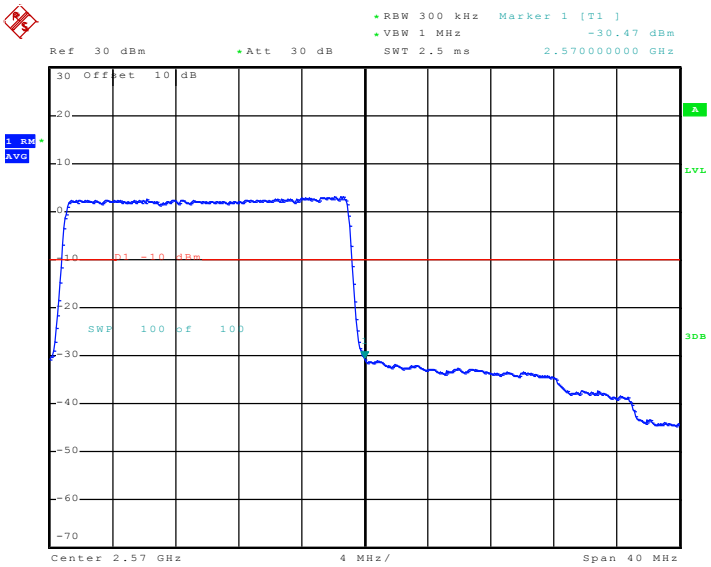
Highest channel

Test Mode:	LTE band 7(QPSK RB Size 100 & RB Offset 0)



Date: 11.SEP.2014 15:35:25

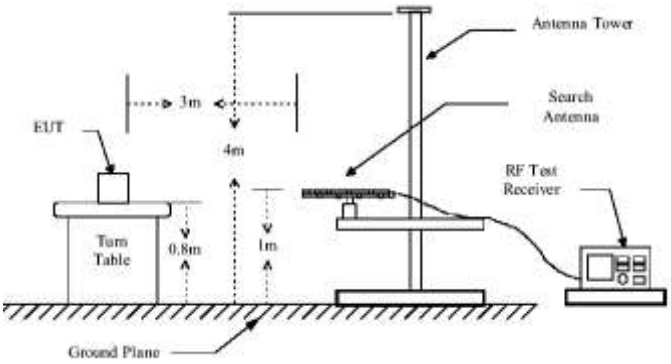
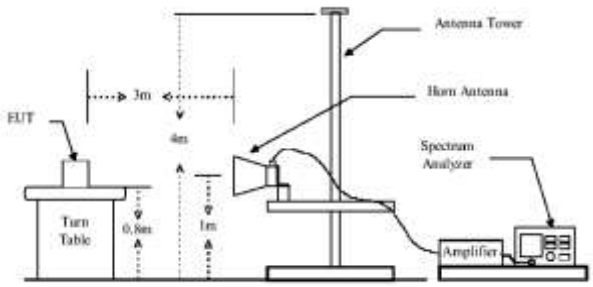
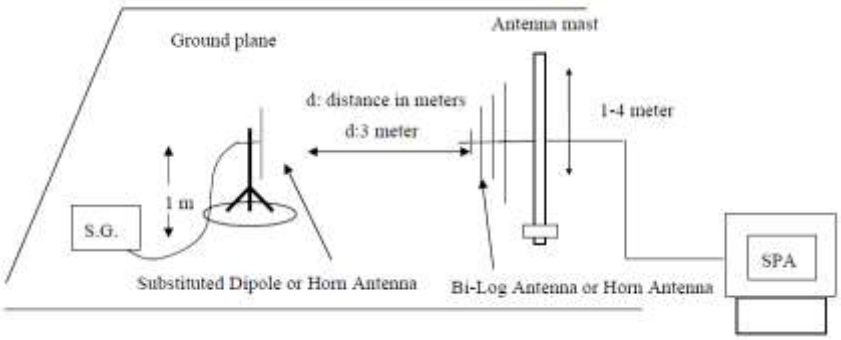
Lowest channel



Date: 11.SEP.2014 15:33:51

Highest channel

6.9 ERP, EIRP Measurement

Test Requirement:	FCC part 27.50(d) and FCC part 27.50(h)
Test Method:	FCC part 2.1046
Limit:	LTE Band 4: 1W ERP LTE Band 7: 2W EIRP
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated. 3. ERP in frequency band 824.2 –848.80.8MHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated as follows: ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB) 4. EIRP in frequency band 1850.2 –1909.8MHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable Loss (dB) 5. The worse case was relating to the conducted output power.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case)

LTE band 4 part
Lowset channel

1.4MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.24	30.00	Pass
					H	18.65		
				E1	V	20.19		
					H	18.57		
				E2	V	20.13		
					H	18.52		
1710.70	19957	16QAM	1.4	H	V	21.20		
					H	19.19		
				E1	V	21.15		
					H	19.14		
				E2	V	21.11		
					H	19.10		

1.4MHz(RB size 1 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.32	30.00	Pass
					H	18.72		
				E1	V	20.27		
					H	18.68		
				E2	V	20.25		
					H	18.63		
1710.70	19957	16QAM	1.4	H	V	21.29		
					H	19.23		
				E1	V	21.23		
					H	19.18		
				E2	V	21.17		
					H	19.14		

1.4MHz(RB size 1 & RB offset 5)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.33	30.00	Pass
					H	18.82		
				E1	V	20.27		
					H	18.76		
				E2	V	20.24		
					H	18.71		
1710.70	19957	16QAM	1.4	H	V	21.32		
					H	19.27		
				E1	V	21.28		
					H	19.23		
				E2	V	21.20		
					H	19.17		

1.4MHz(RB size 3 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.25	30.00	Pass
					H	18.41		
				E1	V	20.20		
					H	18.35		
				E2	V	20.26		
					H	18.31		
1710.70	19957	16QAM	1.4	H	V	21.18		
					H	19.22		
				E1	V	21.14		
					H	19.18		
				E2	V	21.11		
					H	19.12		

1.4MHz(RB size 3 & RB offset 1)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.18	30.00	Pass
					H	18.35		
				E1	V	20.12		
					H	18.31		
				E2	V	20.07		
					H	18.24		
1710.70	19957	16QAM	1.4	H	V	21.07		
					H	19.14		
				E1	V	21.01		
					H	19.11		
				E2	V	20.96		
					H	19.07		

1.4MHz(RB size 3 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.11	30.00	Pass
					H	18.38		
				E1	V	20.08		
					H	18.34		
				E2	V	20.07		
					H	18.28		
1710.70	19957	16QAM	1.4	H	V	21.21		
					H	19.24		
				E1	V	21.18		
					H	19.20		
				E2	V	21.14		
					H	19.17		

1.4MHz(RB size 6 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.12	30.00	Pass
					H	18.37		
				E1	V	20.08		
					H	18.32		
				E2	V	20.01		
					H	18.28		
1710.70	19957	16QAM	1.4	H	V	21.22		
					H	19.26		
				E1	V	21.17		
					H	19.22		
				E2	V	21.11		
					H	19.19		

Middle channel

1.4MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.12	30.00	Pass
					H	18.35		
				E1	V	20.08		
					H	18.31		
				E2	V	20.01		
					H	18.27		
1710.70	19957	16QAM	1.4	H	V	21.17		
					H	19.10		
				E1	V	21.11		
					H	19.09		
				E2	V	21.04		
					H	19.04		

1.4MHz(RB size 1 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.24	30.00	Pass
					H	18.57		
				E1	V	20.20		
					H	18.52		
				E2	V	20.18		
					H	18.47		
1710.70	19957	16QAM	1.4	H	V	21.32		
					H	19.13		
				E1	V	21.28		
					H	19.07		
				E2	V	21.21		
					H	19.02		

1.4MHz(RB size 1 & RB offset 5)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.26	30.00	Pass
					H	18.24		
				E1	V	20.21		
					H	18.19		
				E2	V	20.16		
					H	18.12		
1710.70	19957	16QAM	1.4	H	V	21.25		
					H	19.16		
				E1	V	21.20		
					H	19.11		
				E2	V	21.17		
					H	19.06		

1.4MHz(RB size 3 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.35	30.00	Pass
					H	18.43		
				E1	V	20.30		
					H	18.38		
				E2	V	20.24		
					H	18.32		
1710.70	19957	16QAM	1.4	H	V	21.33		
					H	19.24		
				E1	V	21.29		
					H	19.20		
				E2	V	21.25		
					H	19.16		

1.4MHz(RB size 3 & RB offset 1)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.23	30.00	Pass
					H	18.24		
				E1	V	20.21		
					H	18.16		
				E2	V	20.14		
					H	18.11		
1710.70	19957	16QAM	1.4	H	V	21.34		
					H	19.35		
				E1	V	21.30		
					H	19.28		
				E2	V	21.24		
					H	19.27		

1.4MHz(RB size 3 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.22	30.00	Pass
					H	18.28		
				E1	V	20.17		
					H	18.25		
				E2	V	20.14		
					H	18.20		
1710.70	19957	16QAM	1.4	H	V	21.28		
					H	19.26		
				E1	V	21.23		
					H	19.21		
				E2	V	21.18		
					H	19.12		

1.4MHz(RB size 6 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.16	30.00	Pass
					H	18.32		
				E1	V	20.11		
					H	18.28		
				E2	V	20.07		
					H	18.23		
1710.70	19957	16QAM	1.4	H	V	21.34		
					H	19.23		
				E1	V	21.29		
					H	19.19		
				E2	V	21.24		
					H	19.13		

Highest channel

1.4MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.56	30.00	Pass
					H	18.87		
				E1	V	20.51		
					H	18.82		
				E2	V	20.46		
					H	18.75		
1710.70	19957	16QAM	1.4	H	V	21.35		
					H	19.42		
				E1	V	21.31		
					H	19.38		
				E2	V	21.26		
					H	19.30		

1.4MHz(RB size 1 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.48	30.00	Pass
					H	18.76		
				E1	V	20.42		
					H	18.71		
				E2	V	20.67		
					H	18.67		
1710.70	19957	16QAM	1.4	H	V	21.26		
					H	19.37		
				E1	V	21.23		
					H	19.31		
				E2	V	21.22		
					H	19.24		

1.4MHz(RB size 1 & RB offset 5)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.61	30.00	Pass
					H	18.99		
				E1	V	20.57		
					H	18.95		
				E2	V	20.52		
					H	18.89		
1710.70	19957	16QAM	1.4	H	V	21.48		
					H	19.58		
				E1	V	21.22		
					H	19.23		
				E2	V	21.17		
					H	19.16		

1.4MHz(RB size 3 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.31	30.00	Pass
					H	18.62		
				E1	V	20.27		
					H	18.59		
				E2	V	20.21		
					H	18.53		
1710.70	19957	16QAM	1.4	H	V	21.21		
					H	19.35		
				E1	V	21.18		
					H	19.30		
				E2	V	21.12		
					H	19.26		

1.4MHz(RB size 3 & RB offset 1)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.31	30.00	Pass
					H	18.26		
				E1	V	20.27		
					H	18.20		
				E2	V	20.21		
					H	18.16		
1710.70	19957	16QAM	1.4	H	V	21.25		
					H	19.36		
				E1	V	21.21		
					H	19.32		
				E2	V	21.16		
					H	19.27		

1.4MHz(RB size 3 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.44	30.00	Pass
					H	18.75		
				E1	V	20.35		
					H	18.64		
				E2	V	20.14		
					H	18.37		
1710.70	19957	16QAM	1.4	H	V	21.52		
					H	19.53		
				E1	V	20.85		
					H	18.69		
				E2	V	20.65		
					H	18.27		

1.4MHz(RB size 6 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1710.70	19957	QPSK	1.4	H	V	20.56	30.00	Pass
					H	18.85		
				E1	V	20.45		
					H	18.63		
				E2	V	20.32		
					H	18.26		
1710.70	19957	16QAM	1.4	H	V	21.16		
					H	19.13		
				E1	V	20.92		
					H	18.72		
				E2	V	20.79		
					H	18.31		

Lowset channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.64	30.00	Pass
					H	16.81		
				E1	V	18.60		
					H	16.76		
				E2	V	18.54		
					H	16.76		
1720.00	20050	16QAM	20.0	H	V	19.74		
					H	17.75		
				E1	V	19.68		
					H	17.70		
				E2	V	19.62		
					H	17.65		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.57	30.00	Pass
					H	16.75		
				E1	V	18.52		
					H	16.71		
				E2	V	18.48		
					H	16.67		
1720.00	20050	16QAM	20.0	H	V	19.65		
					H	17.68		
				E1	V	19.63		
					H	17.62		
				E2	V	19.58		
					H	17.59		

20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.56	30.00	Pass
					H	16.73		
				E1	V	18.51		
					H	16.67		
				E2	V	18.46		
					H	16.63		
1720.00	20050	16QAM	20.0	H	V	19.51		
					H	17.63		
				E1	V	19.57		
					H	17.59		
				E2	V	19.51		
					H	17.54		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.59	30.00	Pass
					H	16.75		
				E1	V	18.53		
					H	16.71		
				E2	V	18.48		
					H	16.67		
1720.00	20050	16QAM	20.0	H	V	19.62		
					H	17.52		
				E1	V	19.56		
					H	17.48		
				E2	V	19.50		
					H	17.44		

20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.62	30.00	Pass
					H	16.43		
				E1	V	18.55		
					H	16.38		
				E2	V	18.51		
					H	16.31		
1720.00	20050	16QAM	20.0	H	V	19.53		
					H	17.41		
				E1	V	19.49		
					H	17.37		
				E2	V	19.42		
					H	17.30		

20MHz(RB size 1 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.40	30.00	Pass
					H	16.61		
				E1	V	18.35		
					H	16.54		
				E2	V	18.28		
					H	16.48		
1720.00	20050	16QAM	20.0	H	V	19.53		
					H	17.50		
				E1	V	19.47		
					H	17.46		
				E2	V	19.41		
					H	17.43		

20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	H	V	18.55	30.00	Pass
					H	16.59		
				E1	V	18.53		
					H	16.56		
				E2	V	18.49		
					H	16.51		
1720.00	20050	16QAM	20.0	H	V	19.47		
					H	17.53		
				E1	V	19.43		
					H	17.44		
				E2	V	19.35		
					H	17.39		

Middle channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.73	30.00	Pass
					H	16.87		
				E1	V	18.66		
					H	16.81		
				E2	V	18.59		
					H	16.77		
1732.50	20175	16QAM	20.0	H	V	19.74		
					H	17.75		
				E1	V	19.68		
					H	17.70		
				E2	V	19.62		
					H	17.65		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.56	30.00	Pass
					H	16.70		
				E1	V	18.50		
					H	16.67		
				E2	V	18.46		
					H	16.63		
1732.50	20175	16QAM	20.0	H	V	19.63		
					H	17.65		
				E1	V	19.61		
					H	17.57		
				E2	V	19.56		
					H	17.57		

20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.54	30.00	Pass
					H	16.72		
				E1	V	18.48		
					H	16.67		
				E2	V	18.43		
					H	16.61		
1732.50	20175	16QAM	20.0	H	V	19.57		
					H	17.61		
				E1	V	19.52		
					H	17.57		
				E2	V	19.48		
					H	17.53		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.56	30.00	Pass
					H	16.71		
				E1	V	18.52		
					H	16.66		
				E2	V	18.48		
					H	16.62		
1732.50	20175	16QAM	20.0	H	V	19.57		
					H	17.48		
				E1	V	19.55		
					H	17.44		
				E2	V	19.51		
					H	17.42		

20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.63	30.00	Pass
					H	16.41		
				E1	V	18.57		
					H	16.38		
				E2	V	18.54		
					H	16.33		
1732.50	20175	16QAM	20.0	H	V	19.51		
					H	17.38		
				E1	V	19.48		
					H	17.34		
				E2	V	19.44		
					H	17.30		

20MHz(RB size 1 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.38	30.00	Pass
					H	16.59		
				E1	V	18.35		
					H	16.57		
				E2	V	18.30		
					H	16.52		
1732.50	20175	16QAM	20.0	H	V	19.50		
					H	17.48		
				E1	V	19.48		
					H	17.45		
				E2	V	19.42		
					H	17.41		

20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1732.50	20175	QPSK	20.0	H	V	18.51	30.00	Pass
					H	16.57		
				E1	V	18.48		
					H	16.53		
				E2	V	18.42		
					H	16.48		
1732.50	20175	16QAM	20.0	H	V	19.44		
					H	17.49		
				E1	V	19.40		
					H	17.43		
				E2	V	19.38		
					H	17.39		

High channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.71	30.00	Pass
					H	16.84		
				E1	V	18.68		
					H	16.81		
				E2	V	18.63		
					H	16.77		
1745.00	20300	16QAM	20.0	H	V	19.67		
					H	17.70		
				E1	V	19.64		
					H	17.67		
				E2	V	19.60		
					H	17.62		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.52	30.00	Pass
					H	16.68		
				E1	V	18.47		
					H	16.65		
				E2	V	18.43		
					H	16.61		
1745.00	20300	16QAM	20.0	H	V	19.59		
					H	17.61		
				E1	V	19.54		
					H	17.57		
				E2	V	19.52		
					H	17.54		

20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.49	30.00	Pass
					H	16.64		
				E1	V	18.43		
					H	16.60		
				E2	V	18.37		
					H	16.58		
1745.00	20300	16QAM	20.0	H	V	19.52		
					H	17.56		
				E1	V	19.48		
					H	17.53		
				E2	V	19.44		
					H	17.47		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.55	30.00	Pass
					H	16.68		
				E1	V	18.51		
					H	16.62		
				E2	V	18.45		
					H	16.56		
1745.00	20300	16QAM	20.0	H	V	19.51		
					H	17.42		
				E1	V	19.48		
					H	17.37		
				E2	V	19.42		
					H	17.33		

20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.60	30.00	Pass
					H	16.36		
				E1	V	18.57		
					H	16.32		
				E2	V	18.52		
					H	16.27		
1745.00	20300	16QAM	20.0	H	V	19.48		
					H	17.34		
				E1	V	19.43		
					H	17.31		
				E2	V	19.42		
					H	17.27		

20MHz(RB size 1 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.34	30.00	Pass
					H	16.53		
				E1	V	18.31		
					H	16.49		
				E2	V	18.27		
					H	16.45		
1745.00	20300	16QAM	20.0	H	V	19.48		
					H	17.43		
				E1	V	19.46		
					H	17.37		
				E2	V	19.41		
					H	17.32		

20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1745.00	20300	QPSK	20.0	H	V	18.49	30.00	Pass
					H	16.54		
				E1	V	18.47		
					H	16.51		
				E2	V	18.43		
					H	16.48		
1745.00	20300	16QAM	20.0	H	V	19.39		
					H	17.44		
				E1	V	19.32		
					H	17.37		
				E2	V	19.28		
					H	17.35		

LTE band 7 part
lowest channel

5MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.73	33.00	Pass
					H	6.91		
				E1	V	19.70		
					H	6.89		
				E2	V	19.68		
					H	6.87		
2502.50	20775	16QAM	5.0	H	V	18.76		
					H	6.21		
				E1	V	18.74		
					H	6.19		
				E2	V	18.71		
					H	6.16		

5MHz(RB size 1 & RB offset 12)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.70	33.00	Pass
					H	6.81		
				E1	V	19.68		
					H	6.79		
				E2	V	19.66		
					H	6.77		
2502.50	20775	16QAM	5.0	H	V	18.60		
					H	6.11		
				E1	V	18.58		
					H	6.08		
				E2	V	18.55		
					H	6.05		

5MHz(RB size 1 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.67	33.00	Pass
					H	6.78		
				E1	V	19.65		
					H	6.76		
				E2	V	19.61		
					H	6.74		
2502.50	20775	16QAM	5.0	H	V	18.56		
					H	6.09		
				E1	V	18.53		
					H	6.07		
				E2	V	18.50		
					H	6.03		

5MHz(RB size 12 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.72	33.00	Pass
					H	6.80		
				E1	V	19.70		
					H	6.78		
				E2	V	19.67		
					H	6.75		
2502.50	20775	16QAM	5.0	H	V	18.57		
					H	6.11		
				E1	V	18.55		
					H	6.08		
				E2	V	18.51		
					H	6.06		

5MHz(RB size 12 & RB offset 6)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.73	33.00	Pass
					H	6.79		
				E1	V	19.72		
					H	6.77		
				E2	V	19.67		
					H	6.74		
2502.50	20775	16QAM	5.0	H	V	18.55		
					H	6.08		
				E1	V	18.53		
					H	6.07		
				E2	V	18.49		
					H	6.30		

5MHz(RB size 12 & RB offset 11)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.69	33.00	Pass
					H	6.80		
				E1	V	19.67		
					H	6.77		
				E2	V	19.63		
					H	6.72		
2502.50	20775	16QAM	5.0	H	V	18.53		
					H	6.11		
				E1	V	18.51		
					H	6.07		
				E2	V	18.46		
					H	6.06		

5MHz(RB size 25 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2502.50	20775	QPSK	5.0	H	V	19.54	33.00	Pass
					H	6.61		
				E1	V	19.51		
					H	6.58		
				E2	V	19.49		
					H	6.56		
2502.50	20775	16QAM	5.0	H	V	18.43		
					H	6.01		
				E1	V	18.38		
					H	5.99		
				E2	V	18.36		
					H	5.97		

Middle channel

5MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	5.0	H	V	19.78	33.00	Pass
					H	6.94		
				E1	V	19.75		
					H	6.93		
				E2	V	19.71		
					H	6.92		
2535.00	21100	16QAM	5.0	H	V	18.71		
					H	6.21		
				E1	V	18.68		
					H	6.19		
				E2	V	18.65		
					H	6.17		

5MHz(RB size 1 & RB offset 12)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	5.0	H	V	19.76	33.00	Pass
					H	6.91		
				E1	V	19.74		
					H	6.87		
				E2	V	19.72		
					H	6.86		
2535.00	21100	16QAM	5.0	H	V	18.69		
					H	6.18		
				E1	V	18.67		
					H	6.16		
				E2	V	18.64		
					H	6.13		

5MHz(RB size 1 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	5.0	H	V	19.74	33.00	Pass
					H	6.87		
				E1	V	19.71		
					H	6.86		
				E2	V	19.68		
					H	6.83		
2535.00	21100	16QAM	5.0	H	V	18.68		
					H	6.17		
				E1	V	18.66		
					H	6.15		
				E2	V	18.64		
					H	6.11		

5MHz(RB size 12 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	5.0	H	V	19.73	33.00	Pass
					H	6.85		
				E1	V	19.71		
					H	6.83		
				E2	V	19.68		
					H	6.80		
2535.00	21100	16QAM	5.0	H	V	18.66		
					H	6.15		
				E1	V	18.63		
					H	6.12		
				E2	V	18.61		
					H	6.09		

5MHz(RB size 12 & RB offset 6)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	5.0	H	V	19.69	33.00	Pass
					H	6.84		
				E1	V	19.67		
					H	6.81		
				E2	V	19.64		
					H	6.68		
2535.00	21100	16QAM	5.0	H	V	18.64		
					H	6.12		
				E1	V	18.61		
					H	6.08		
				E2	V	18.57		
					H	6.06		

5MHz(RB size 12 & RB offset 11)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	5.0	H	V	19.67	33.00	Pass
					H	6.79		
				E1	V	19.66		
					H	6.77		
				E2	V	19.61		
					H	6.72		
2535.00	21100	16QAM	5.0	H	V	18.59		
					H	6.08		
				E1	V	18.53		
					H	6.06		
				E2	V	18.48		
					H	6.04		

5MHz(RB size 25 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	20775	QPSK	5.0	H	V	19.56	33.00	Pass
					H	6.63		
				E1	V	19.53		
					H	6.61		
				E2	V	19.50		
					H	6.58		
2535.00	20775	16QAM	5.0	H	V	18.45		
					H	6.03		
				E1	V	18.43		
					H	6.01		
				E2	V	18.39		
					H	6.00		

Highest channel

5MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.75	33.00	Pass
					H	6.91		
				E1	V	19.72		
					H	6.87		
				E2	V	19.68		
					H	6.85		
2567.50	21425	16QAM	5.0	H	V	18.67		
					H	6.19		
				E1	V	18.64		
					H	6.16		
				E2	V	18.61		
					H	6.12		

5MHz(RB size 1 & RB offset 12)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.74	33.00	Pass
					H	6.86		
				E1	V	19.69		
					H	6.84		
				E2	V	19.65		
					H	6.81		
2567.50	21425	16QAM	5.0	H	V	18.64		
					H	6.17		
				E1	V	18.61		
					H	6.13		
				E2	V	18.57		
					H	6.09		

5MHz(RB size 1 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.81	33.00	Pass
					H	6.96		
				E1	V	19.78		
					H	6.93		
				E2	V	19.76		
					H	6.89		
2567.50	21425	16QAM	5.0	H	V	18.77		
					H	6.22		
				E1	V	18.74		
					H	6.19		
				E2	V	18.70		
					H	6.17		

5MHz(RB size 12 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.71	33.00	Pass
					H	6.83		
				E1	V	19.68		
					H	6.80		
				E2	V	19.64		
					H	6.77		
2567.50	21425	16QAM	5.0	H	V	18.63		
					H	6.11		
				E1	V	18.60		
					H	6.07		
				E2	V	18.56		
					H	6.04		

5MHz(RB size 12 & RB offset 6)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.70	33.00	Pass
					H	6.76		
				E1	V	19.68		
					H	6.75		
				E2	V	19.64		
					H	6.71		
2567.50	21425	16QAM	5.0	H	V	18.62		
					H	6.14		
				E1	V	18.56		
					H	6.11		
				E2	V	18.53		
					H	6.08		

5MHz(RB size 12 & RB offset 11)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.72	33.00	Pass
					H	6.84		
				E1	V	19.67		
					H	6.80		
				E2	V	19.60		
					H	6.76		
2567.50	21425	16QAM	5.0	H	V	18.62		
					H	6.14		
				E1	V	18.58		
					H	6.09		
				E2	V	18.53		
					H	5.98		

5MHz(RB size 25 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2567.50	21425	QPSK	5.0	H	V	19.58	33.00	Pass
					H	6.64		
				E1	V	19.52		
					H	6.60		
				E2	V	19.48		
					H	6.52		
2567.50	21425	16QAM	5.0	H	V	18.47		
					H	6.07		
				E1	V	18.42		
					H	5.89		
				E2	V	18.37		
					H	5.84		

Lowest channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.97	33.00	Pass
					H	5.53		
				E1	V	16.95		
					H	5.51		
				E2	V	16.91		
					H	5.48		
2510.00	20850	16QAM	20.0	H	V	17.31		
					H	5.82		
				E1	V	17.27		
					H	5.80		
				E2	V	17.24		
					H	5.77		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.96	33.00	Pass
					H	5.51		
				E1	V	16.94		
					H	5.49		
				E2	V	16.92		
					H	5.44		
2510.00	20850	16QAM	20.0	H	V	17.27		
					H	5.78		
				E1	V	17.25		
					H	5.74		
				E2	V	17.21		
					H	5.70		

20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.99	33.00	Pass
					H	5.52		
				E1	V	16.97		
					H	5.51		
				E2	V	16.95		
					H	5.48		
2510.00	20850	16QAM	20.0	H	V	17.32		
					H	5.81		
				E1	V	17.31		
					H	5.77		
				E2	V	17.28		
					H	5.74		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.94	33.00	Pass
					H	5.46		
				E1	V	19.90		
					H	5.42		
				E2	V	19.87		
					H	5.38		
2510.00	20850	16QAM	20.0	H	V	17.28		
					H	5.78		
				E1	V	17.25		
					H	5.74		
				E2	V	17.21		
					H	5.72		

20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.91	33.00	Pass
					H	5.42		
				E1	V	16.87		
					H	5.38		
				E2	V	16.84		
					H	5.34		
2510.00	20850	16QAM	20.0	H	V	17.25		
					H	5.76		
				E1	V	17.21		
					H	5.72		
				E2	V	17.19		
					H	5.68		

20MHz(RB size 50 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.87	33.00	Pass
					H	5.28		
				E1	V	16.85		
					H	5.24		
				E2	V	16.83		
					H	5.21		
2510.00	20850	16QAM	20.0	H	V	17.16		
					H	5.61		
				E1	V	17.14		
					H	5.58		
				E2	V	17.10		
					H	5.56		

20MHz(RB size 100 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2510.00	20850	QPSK	20.0	H	V	16.59	33.00	Pass
					H	5.14		
				E1	V	16.57		
					H	5.10		
				E2	V	16.53		
					H	5.07		
2510.00	20850	16QAM	20.0	H	V	16.96		
					H	5.24		
				E1	V	16.92		
					H	5.22		
				E2	V	16.89		
					H	5.18		

Middle channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.94	33.00	Pass
					H	5.48		
				E1	V	16.91		
					H	5.46		
				E2	V	16.87		
					H	5.42		
2535.00	21100	16QAM	20.0	H	V	17.28		
					H	5.77		
				E1	V	17.24		
					H	5.76		
				E2	V	17.21		
					H	5.73		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.93	33.00	Pass
					H	5.49		
				E1	V	16.90		
					H	5.47		
				E2	V	16.86		
					H	5.41		
2535.00	21100	16QAM	20.0	H	V	17.24		
					H	5.75		
				E1	V	17.21		
					H	5.73		
				E2	V	17.19		
					H	5.70		

20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.97	33.00	Pass
					H	5.51		
				E1	V	16.95		
					H	5.48		
				E2	V	16.91		
					H	5.43		
2535.00	21100	16QAM	20.0	H	V	17.29		
					H	5.77		
				E1	V	17.26		
					H	5.74		
				E2	V	17.22		
					H	5.70		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.89	33.00	Pass
					H	5.47		
				E1	V	16.87		
					H	5.46		
				E2	V	16.81		
					H	5.42		
2535.00	21100	16QAM	20.0	H	V	17.26		
					H	5.79		
				E1	V	17.21		
					H	5.75		
				E2	V	17.18		
					H	5.71		

20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.83	33.00	Pass
					H	5.38		
				E1	V	16.81		
					H	5.36		
				E2	V	16.79		
					H	5.31		
2535.00	21100	16QAM	20.0	H	V	17.21		
					H	5.74		
				E1	V	17.18		
					H	5.71		
				E2	V	17.14		
					H	5.66		

20MHz(RB size 50 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.85	33.00	Pass
					H	5.26		
				E1	V	16.83		
					H	5.24		
				E2	V	16.80		
					H	5.22		
2535.00	21100	16QAM	20.0	H	V	17.15		
					H	5.59		
				E1	V	17.13		
					H	5.57		
				E2	V	17.08		
					H	5.53		

20MHz(RB size 100 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2535.00	21100	QPSK	20.0	H	V	16.55	33.00	Pass
					H	5.11		
				E1	V	16.53		
					H	5.09		
				E2	V	16.50		
					H	5.07		
2535.00	21100	16QAM	20.0	H	V	16.92		
					H	5.21		
				E1	V	16.87		
					H	5.18		
				E2	V	16.84		
					H	5.16		

Highest channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	16.90	33.00	Pass
					H	5.41		
				E1	V	16.85		
					H	5.36		
				E2	V	18.81		
					H	5.32		
2560.00	21350	16QAM	20.0	H	V	17.23		
					H	5.74		
				E1	V	17.20		
					H	5.72		
				E2	V	17.17		
					H	5.66		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	16.87	33.00	Pass
					H	5.43		
				E1	V	16.85		
					H	5.40		
				E2	V	16.77		
					H	5.38		
2560.00	21350	16QAM	20.0	H	V	17.21		
					H	5.72		
				E1	V	17.18		
					H	5.69		
				E2	V	17.16		
					H	5.67		

20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	17.02	33.00	Pass
					H	5.54		
				E1	V	16.96		
					H	5.51		
				E2	V	16.91		
					H	5.48		
2560.00	21350	16QAM	20.0	H	V	17.34		
					H	5.83		
				E1	V	17.30		
					H	5.81		
				E2	V	17.26		
					H	5.76		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	16.87	33.00	Pass
					H	5.48		
				E1	V	16.86		
					H	5.45		
				E2	V	16.81		
					H	5.42		
2560.00	21350	16QAM	20.0	H	V	17.21		
					H	5.77		
				E1	V	17.18		
					H	5.74		
				E2	V	17.13		
					H	5.71		

20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	16.81	33.00	Pass
					H	5.39		
				E1	V	16.77		
					H	5.37		
				E2	V	16.76		
					H	5.34		
2560.00	21350	16QAM	20.0	H	V	17.18		
					H	5.71		
				E1	V	17.16		
					H	5.66		
				E2	V	17.13		
					H	5.62		

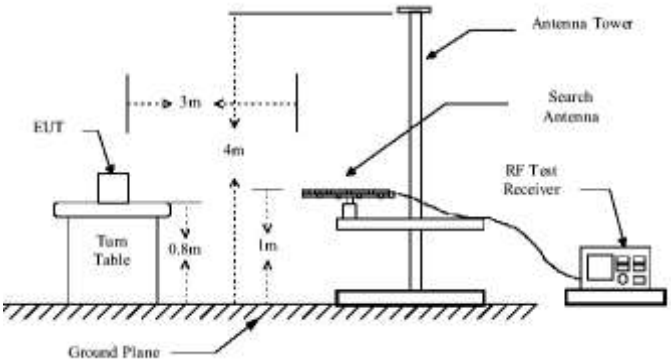
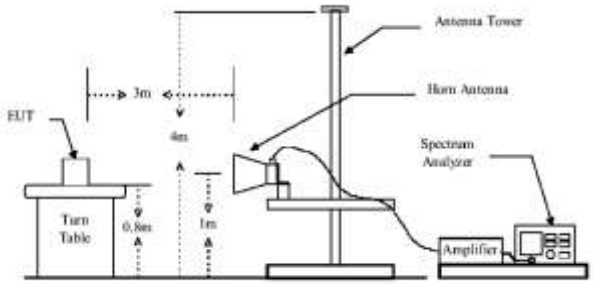
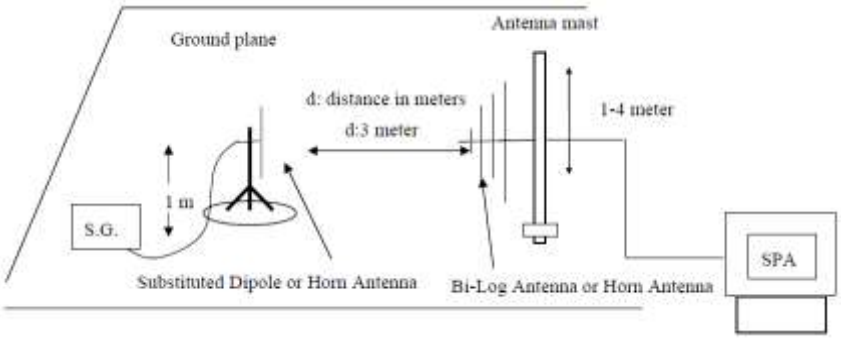
20MHz(RB size 50 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	16.89	33.00	Pass
					H	5.31		
				E1	V	16.82		
					H	5.27		
				E2	V	16.78		
					H	5.21		
2560.00	21350	16QAM	20.0	H	V	17.18		
					H	5.64		
				E1	V	17.12		
					H	5.25		
				E2	V	17.07		
					H	5.16		

20MHz(RB size 100 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	H	V	16.62	33.00	Pass
					H	5.16		
				E1	V	16.57		
					H	5.11		
				E2	V	16.48		
					H	5.07		
2560.00	21350	16QAM	20.0	H	V	16.97		
					H	5.27		
				E1	V	16.94		
					H	5.22		
				E2	V	16.87		
					H	5.13		

6.10 Field strength of spurious radiation measurement

Test Requirement:	FCC part 27.53(h) and FCC part 27.53(m)
Test Method:	FCC part 2.1053
Limit:	LTE Band 4: -13dBm and LTE Band 7: -25dBm
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission

	was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data (worst case)

Below 1GHz:

The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

Above 1GHz

LTE band 4 part:

1.4MHz(RB size 1 & RB offset 5) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-47.65	-13	Pass
5132.10	V	-44.65		
3421.40	Horizontal	-47.25		
5132.10	H	-44.98		
1.4MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.68	-13	Pass
5197.50	V	-43.69		
3465.00	Horizontal	-46.69		
5197.50	H	-43.60		
1.4MHz(RB size 1 & RB offset 5) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-45.98	-13	Pass
5262.90	V	-42.65		
3508.60	Horizontal	45.95		
5262.90	H	-42.87		

1.4MHz(RB size 1 & RB offset 5) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-47.59	-13	Pass
5132.10	V	-44.65		
3421.40	Horizontal	-47.85		
5132.10	H	-44.65		
1.4MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.52	-13	Pass
5197.50	V	-43.57		
3465.00	Horizontal	-46.85		
5197.50	H	-43.92		
1.4MHz(RB size 1 & RB offset 5) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-45.68	-13	Pass
5262.90	V	-42.14		
3508.60	Horizontal	-45.96		
5262.90	H	-42.77		

1.4MHz(RB size 3 & RB offset 2) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-47.52	-13	Pass
5132.10	V	-44.52		
3421.40	Horizontal	-47.58		
5132.10	H	-44.69		
1.4MHz(RB size 3 & RB offset 0) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.65	-13	Pass
5197.50	V	-43.14		
3465.00	Horizontal	-46.85		
5197.50	H	-43.95		
1.4MHz(RB size 3 & RB offset 2) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-45.25	-13	Pass
5262.90	V	-42.52		
3508.60	Horizontal	-45.78		
5262.90	H	-42.70		

1.4MHz(RB size 3 & RB offset 2) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-47.52	-13	Pass
5132.10	V	-44.85		
3421.40	Horizontal	-47.58		
5132.10	H	-44.52		
1.4MHz(RB size 3 & RB offset 0) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.85	-13	Pass
5197.50	V	-43.25		
3465.00	Horizontal	-46.82		
5197.50	H	-43.58		
1.4MHz(RB size 3 & RB offset 2) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-45.68	-13	Pass
5262.90	V	-42.14		
3508.60	Horizontal	-45.96		
5262.90	H	-42.77		

1.4MHz(RB size 6 & RB offset 0) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-47.52	-13	Pass
5132.10	V	-44.58		
3421.40	Horizontal	-47.25		
5132.10	H	-44.85		
1.4MHz(RB size 6 & RB offset 0) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.58	-13	Pass
5197.50	V	-43.25		
3465.00	Horizontal	-46.82		
5197.50	H	-43.86		
1.4MHz(RB size 6 & RB offset 0) for QPSK				
Test mode:	**1.4MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-45.85	-13	Pass
5262.90	V	-42.15		
3508.60	Horizontal	-45.62		
5262.90	H	-42.49		

1.4MHz(RB size 6 & RB offset 0) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-47.52	-13	Pass
5132.10	V	-44.52		
3421.40	Horizontal	-47.56		
5132.10	H	-44.89		
1.4MHz(RB size 6 & RB offset 0) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.13	-13	Pass
5197.50	V	-43.25		
3465.00	Horizontal	-46.80		
5197.50	H	-43.28		
1.4MHz(RB size 6 & RB offset 0) for 16QAM				
Test mode:	**1.4MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-45.83	-13	Pass
5262.90	V	-42.58		
3508.60	Horizontal	-45.29		
5262.90	H	-42.85		

3MHz(RB size 1 & RB offset 7) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3423.00	Vertical	-47.65	-13	Pass
5134.50	V	-44.28		
3423.00	Horizontal	-47.15		
5134.50	H	-44.85		
3MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.58	-13	Pass
5197.50	V	-43.85		
3465.00	Horizontal	-46.82		
5197.50	H	-43.19		
3MHz(RB size 1 & RB offset 14) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3507.00	Vertical	-45.58	-13	Pass
5260.50	V	-42.55		
3507.00	Horizontal	-45.65		
5260.50	H	-42.59		

3MHz(RB size 1 & RB offset 7) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3423.00	Vertical	-47.52	-13	Pass
5134.50	V	-44.18		
3423.00	Horizontal	-47.95		
5134.50	H	-44.95		
3MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.86	-13	Pass
5197.50	V	-43.56		
3465.00	Horizontal	-46.82		
5197.50	H	-43.87		
3MHz(RB size 1 & RB offset 14) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3507.00	Vertical	-45.55	-13	Pass
5260.50	V	-42.98		
3507.00	Horizontal	-45.52		
5260.50	H	-42.89		

3MHz(RB size 8 & RB offset 7) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3423.00	Vertical	-47.58	-13	Pass
5134.50	V	-44.65		
3423.00	Horizontal	-47.55		
5134.50	H	-44.58		
3MHz(RB size 8 & RB offset 0) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.82	-13	Pass
5197.50	V	-43.58		
3465.00	Horizontal	-46.85		
5197.50	H	-43.98		
3MHz(RB size 8 & RB offset 7) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3507.00	Vertical	-45.88	-13	Pass
5260.50	V	-42.82		
3507.00	Horizontal	-46.25		
5260.50	H	-43.58		

3MHz(RB size 8 & RB offset 7) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3423.00	Vertical	-46.65	-13	Pass
5134.50	V	-45.50		
3423.00	Horizontal	-47.54		
5134.50	H	-45.82		
3MHz(RB size 8 & RB offset 0) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.85	-13	Pass
5197.50	V	-44.25		
3465.00	Horizontal	-47.54		
5197.50	H	-43.98		
3MHz(RB size 8 & RB offset 7) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3507.00	Vertical	-46.65	-13	Pass
5260.50	V	-43.25		
3507.00	Horizontal	-45.58		
5260.50	H	-42.65		

3MHz(RB size 15 & RB offset 0) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3423.00	Vertical	-48.52	-13	Pass
5134.50	V	-45.62		
3423.00	Horizontal	-47.65		
5134.50	H	-44.88		
3MHz(RB size 15 & RB offset 0) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.55	-13	Pass
5197.50	V	-43.20		
3465.00	Horizontal	-47.52		
5197.50	H	-43.86		
3MHz(RB size 15 & RB offset 0) for QPSK				
Test mode:	**3MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3507.00	Vertical	-46.98	-13	Pass
5260.50	V	-42.35		
3507.00	Horizontal	-46.58		
5260.50	H	-43.65		

3MHz(RB size 15 & RB offset 0) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3423.00	Vertical	-46.82	-13	Pass
5134.50	V	-45.75		
3423.00	Horizontal	-48.52		
5134.50	H	-44.52		
3MHz(RB size 15 & RB offset 0) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-44.63		
3465.00	Horizontal	-46.65		
5197.50	H	-44.25		
3MHz(RB size 15 & RB offset 0) for 16QAM				
Test mode:	**3MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3507.00	Vertical	-46.54	-13	Pass
5260.50	V	-44.52		
3507.00	Horizontal	-46.32		
5260.50	H	-42.65		

5MHz(RB size 1 & RB offset 24) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.00	Vertical	-47.20	-13	Pass
5137.50	V	-45.25		
3425.00	Horizontal	-47.21		
5137.50	H	-44.65		
5MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.52	-13	Pass
5197.50	V	-42.54		
3465.00	Horizontal	-46.20		
5197.50	H	-44.00		
5MHz(RB size 1 & RB offset 24) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3505.00	Vertical	-45.82	-13	Pass
5257.50	V	-43.25		
3505.00	Horizontal	-46.28		
5257.50	H	-42.98		

5MHz(RB size 1 & RB offset 24) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.00	Vertical	-47.52	-13	Pass
5137.50	V	-43.25		
3425.00	Horizontal	-46.65		
5137.50	H	-44.52		
5MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.82	-13	Pass
5197.50	V	-44.52		
3465.00	Horizontal	-47.85		
5197.50	H	-43.91		
5MHz(RB size 1 & RB offset 24) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3505.00	Vertical	-46.52	-13	Pass
5257.50	V	-43.58		
3505.00	Horizontal	-46.55		
5257.50	H	-43.14		

5MHz(RB size 12 & RB offset 11) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.00	Vertical	-48.52	-13	Pass
5137.50	V	-46.20		
3425.00	Horizontal	-47.12		
5137.50	H	-43.65		
5MHz(RB size 12 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-44.65		
3465.00	Horizontal	-45.65		
5197.50	H	-41.54		
5MHz(RB size 12 & RB offset 11) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3505.00	Vertical	-46.65	-13	Pass
5257.50	V	-44.25		
3505.00	Horizontal	-47.52		
5257.50	H	-43.39		

5MHz(RB size 12 & RB offset 11) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.00	Vertical	-47.35	-13	Pass
5137.50	V	-44.69		
3425.00	Horizontal	-46.82		
5137.50	H	-44.69		
5MHz(RB size 12 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.25	-13	Pass
5197.50	V	-43.54		
3465.00	Horizontal	-47.21		
5197.50	H	-44.95		
5MHz(RB size 12 & RB offset 11) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3505.00	Vertical	-46.52	-13	Pass
5257.50	V	-44.52		
3505.00	Horizontal	-47.25		
5257.50	H	-44.88		

5MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.00	Vertical	-47.85	-13	Pass
5137.50	V	-44.54		
3425.00	Horizontal	-47.52		
5137.50	H	-42.84		
5MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-43.68		
3465.00	Horizontal	-47.24		
5197.50	H	-44.25		
5MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3505.00	Vertical	-47.65	-13	Pass
5257.50	V	-44.25		
3505.00	Horizontal	-46.35		
5257.50	H	-44.15		

5MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.00	Vertical	-47.51	-13	Pass
5137.50	V	-43.65		
3425.00	Horizontal	-46.82		
5137.50	H	-44.68		
5MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.65	-13	Pass
5197.50	V	-44.62		
3465.00	Horizontal	-47.39		
5197.50	H	-44.52		
5MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3505.00	Vertical	-47.32	-13	Pass
5257.50	V	-44.62		
3505.00	Horizontal	-48.32		
5257.50	H	-45.25		

10MHz(RB size 1 & RB offset 49) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3430.00	Vertical	-47.85	-13	Pass
5145.00	V	-44.62		
3430.00	Horizontal	-47.65		
5145.00	H	-45.52		
10MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.85	-13	Pass
5197.50	V	-43.95		
3465.00	Horizontal	-46.92		
5197.50	H	-43.59		
10MHz(RB size 1 & RB offset 49) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3500.00	Vertical	-46.25	-13	Pass
5250.00	V	-43.65		
3500.00	Horizontal	-45.71		
5250.00	H	-42.35		

10MHz(RB size 1 & RB offset 49) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3430.00	Vertical	-48.52	-13	Pass
5145.00	V	-43.65		
3430.00	Horizontal	-47.52		
5145.00	H	-45.62		
10MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-44.62		
3465.00	Horizontal	-46.65		
5197.50	H	-44.65		
5MHz(RB size 1 & RB offset 24) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3500.00	Vertical	-46.25	-13	Pass
5250.00	V	-43.56		
3500.00	Horizontal	-46.65		
5250.00	H	-43.69		

10MHz(RB size 25 & RB offset 24) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3430.00	Vertical	-47.52	-13	Pass
5145.00	V	-43.65		
3430.00	Horizontal	-47.85		
5145.00	H	-44.50		
10MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.35	-13	Pass
5197.50	V	-45.69		
3465.00	Horizontal	-46.21		
5197.50	H	-44.52		
10MHz(RB size 25 & RB offset 24) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3500.00	Vertical	-47.52	-13	Pass
5250.00	V	-44.62		
3500.00	Horizontal	-46.32		
5250.00	H	-43.54		

10MHz(RB size 25 & RB offset 24) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3430.00	Vertical	-47.62	-13	Pass
5145.00	V	-44.25		
3430.00	Horizontal	-47.52		
5145.00	H	-44.62		
10MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-43.61		
3465.00	Horizontal	-46.58		
5197.50	H	-43.54		
5MHz(RB size 25 & RB offset 24) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3500.00	Vertical	-47.21	-13	Pass
5250.00	V	-43.65		
3500.00	Horizontal	-46.86		
5250.00	H	-43.98		

10MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3430.00	Vertical	-47.62	-13	Pass
5145.00	V	-42.55		
3430.00	Horizontal	-46.82		
5145.00	H	-43.96		
10MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.95	-13	Pass
5197.50	V	-44.25		
3465.00	Horizontal	-46.25		
5197.50	H	-43.25		
10MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3500.00	Vertical	-47.43	-13	Pass
5250.00	V	-42.95		
3500.00	Horizontal	-46.35		
5250.00	H	-42.68		

10MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3430.00	Vertical	-47.52	-13	Pass
5145.00	V	-43.25		
3430.00	Horizontal	-47.65		
5145.00	H	-43.60		
10MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-43.90		
3465.00	Horizontal	-46.28		
5197.50	H	-43.29		
5MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3500.00	Vertical	-46.32	-13	Pass
5250.00	V	-43.28		
3500.00	Horizontal	-46.24		
5250.00	H	-43.95		

15MHz(RB size 1 & RB offset 37) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3435.00	Vertical	47.65	-13	Pass
5152.50	V	-43.25		
3435.00	Horizontal	-46.68		
5152.50	H	-43.45		
15MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.25	-13	Pass
5197.50	V	-43.28		
3465.00	Horizontal	-46.28		
5197.50	H	-43.65		
15MHz(RB size 1 & RB offset 74) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3495.00	Vertical	-45.26	-13	Pass
5242.50	V	-42.95		
3495.00	Horizontal	-45.25		
5242.50	H	-42.69		

15MHz(RB size 1 & RB offset 37) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3435.00	Vertical	-47.25	-13	Pass
5152.50	V	-44.56		
3435.00	Horizontal	-47.25		
5152.50	H	-44.53		
15MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.39	-13	Pass
5197.50	V	-43.56		
3465.00	Horizontal	-46.26		
5197.50	H	-43.52		
15MHz(RB size 1 & RB offset 74) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3495.00	Vertical	-45.96	-13	Pass
5242.50	V	-42.69		
3495.00	Horizontal	-45.50		
5242.50	H	-42.63		

15MHz(RB size 36 & RB offset 35) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3435.00	Vertical	-46.65	-13	Pass
5152.50	V	-44.52		
3435.00	Horizontal	-47.52		
5152.50	H	-43.25		
15MHz(RB size 36 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-44.25		
3465.00	Horizontal	-47.52		
5197.50	H	-43.69		
15MHz(RB size 36 & RB offset 35) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3495.00	Vertical	-47.52	-13	Pass
5242.50	V	-43.62		
3495.00	Horizontal	-46.25		
5242.50	H	-43.25		

15MHz(RB size 36 & RB offset 35) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3435.00	Vertical	-46.52	-13	Pass
5152.50	V	-43.25		
3435.00	Horizontal	-46.84		
5152.50	H	-43.25		
15MHz(RB size 36 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.25	-13	Pass
5197.50	V	-43.52		
3465.00	Horizontal	-46.39		
5197.50	H	-43.14		
15MHz(RB size 36 & RB offset 35) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3495.00	Vertical	-46.32	-13	Pass
5242.50	V	-43.28		
3495.00	Horizontal	-46.25		
5242.50	H	-43.17		

15MHz(RB size 75 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3435.00	Vertical	-46.32	-13	Pass
5152.50	V	-42.35		
3435.00	Horizontal	-46.25		
5152.50	H	-42.60		
15MHz(RB size 75 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.95	-13	Pass
5197.50	V	-43.25		
3465.00	Horizontal	-46.85		
5197.50	H	-42.68		
15MHz(RB size 75 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3495.00	Vertical	-46.32	-13	Pass
5242.50	V	-43.51		
3495.00	Horizontal	-47.58		
5242.50	H	-42.85		

15MHz(RB size 75 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3435.00	Vertical	-47.51	-13	Pass
5152.50	V	-43.62		
3435.00	Horizontal	-46.17		
5152.50	H	-43.95		
15MHz(RB size 75 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.62	-13	Pass
5197.50	V	-43.62		
3465.00	Horizontal	-46.25		
5197.50	H	-43.65		
15MHz(RB size 75 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3495.00	Vertical	-46.25	-13	Pass
5242.50	V	-43.62		
3495.00	Horizontal	-46.24		
5242.50	H	-42.60		

20MHz(RB size 1 & RB offset 49) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3440.00	Vertical	-47.25	-13	Pass
5160.00	V	-44.15		
3440.00	Horizontal	-47.65		
5160.00	H	-44.52		
20MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.25	-13	Pass
5197.50	V	-43.65		
3465.00	Horizontal	-46.28		
5197.50	H	-43.42		
20MHz(RB size 1 & RB offset 99) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3490.00	Vertical	-45.62	-13	Pass
5235.00	V	-42.36		
3490.00	Horizontal	-45.56		
5235.00	H	-42.53		

20MHz(RB size 1 & RB offset 49) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3440.00	Vertical	-47.26	-13	Pass
5160.00	V	-44.77		
3440.00	Horizontal	-47.69		
5160.00	H	-44.40		
20MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.95	-13	Pass
5197.50	V	-43.35		
3465.00	Horizontal	-46.52		
5197.50	H	-43.16		
20MHz(RB size 1 & RB offset 99) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3490.00	Vertical	-45.29	-13	Pass
5235.00	V	-42.36		
3490.00	Horizontal	-45.57		
5235.00	H	-42.98		

20MHz(RB size 50 & RB offset 24) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3440.00	Vertical	-47.35	-13	Pass
5160.00	V	-42.35		
3440.00	Horizontal	-47.54		
5160.00	H	-43.65		
20MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.65	-13	Pass
5197.50	V	-43.62		
3465.00	Horizontal	-46.82		
5197.50	H	-43.68		
20MHz(RB size 50 & RB offset 49) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3490.00	Vertical	-46.52	-13	Pass
5235.00	V	-43.62		
3490.00	Horizontal	-46.25		
5235.00	H	-44.25		

20MHz(RB size 50 & RB offset 24) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3440.00	Vertical	-47.65	-13	Pass
5160.00	V	-43.62		
3440.00	Horizontal	-46.28		
5160.00	H	-42.65		
20MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.25	-13	Pass
5197.50	V	-44.32		
3465.00	Horizontal	-45.65		
5197.50	H	-41.25		
20MHz(RB size 50 & RB offset 49) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3490.00	Vertical	-46.53	-13	Pass
5235.00	V	-43.62		
3490.00	Horizontal	-46.52		
5235.00	H	-43.25		

20MHz(RB size 100 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3440.00	Vertical	-46.32	-13	Pass
5160.00	V	-42.58		
3440.00	Horizontal	-47.26		
5160.00	H	-43.26		
20MHz(RB size 100 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-47.52	-13	Pass
5197.50	V	-43.62		
3465.00	Horizontal	-46.26		
5197.50	H	-42.16		
20MHz(RB size 100 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3490.00	Vertical	-46.26	-13	Pass
5235.00	V	-42.32		
3490.00	Horizontal	-46.58		
5235.00	H	-42.65		

20MHz(RB size 100 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3440.00	Vertical	-46.25	-13	Pass
5160.00	V	-42.68		
3440.00	Horizontal	-46.28		
5160.00	H	-43.25		
20MHz(RB size 100 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-46.29	-13	Pass
5197.50	V	-43.25		
3465.00	Horizontal	-46.52		
5197.50	H	-42.55		
20MHz(RB size 100 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3490.00	Vertical	-46.25	-13	Pass
5235.00	V	-42.25		
3490.00	Horizontal	-46.29		
5235.00	H	-43.25		

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5MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-38.65	-25	Pass
5005.00	Horizontal	-39.21		
5MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.52	-25	Pass
5070.00	Horizontal	-38.25		
5MHz(RB size 1 & RB offset 24) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-39.20	-25	Pass
5135.00	Horizontal	-38.18		

5MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-39.27	-25	Pass
5005.00	Horizontal	-39.59		
5MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.55	-25	Pass
5070.00	Horizontal	-38.26		
5MHz(RB size 1 & RB offset 24) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-38.66	-25	Pass
5135.00	Horizontal	-38.15		

5MHz(RB size 12 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-38.45	-25	Pass
5005.00	Horizontal	-39.52		
5MHz(RB size 12 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.51	-25	Pass
5070.00	Horizontal	-38.52		
5MHz(RB size 12 & RB offset 11) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-38.51	-25	Pass
5135.00	Horizontal	-38.17		

5MHz(RB size 12 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-38.51	-25	Pass
5005.00	Horizontal	-38.95		
5MHz(RB size 12 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.45	-25	Pass
5070.00	Horizontal	-38.84		
5MHz(RB size 12 & RB offset 11) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-39.52	-25	Pass
5135.00	Horizontal	-38.14		

5MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-38.25	-25	Pass
5005.00	Horizontal	-39.58		
5MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.52	-25	Pass
5070.00	Horizontal	-38.17		
5MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**5MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-39.51	-25	Pass
5135.00	Horizontal	-38.54		

5MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-38.57	-25	Pass
5005.00	Horizontal	-39.52		
5MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.65	-25	Pass
5070.00	Horizontal	-38.58		
5MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**5MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-39.57	-25	Pass
5135.00	Horizontal	-39.28		

10MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5010.00	Vertical	-39.52	-25	Pass
5010.00	Horizontal	-39.47		
10MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.15	-25	Pass
5070.00	Horizontal	-38.20		
10MHz(RB size 1 & RB offset 49) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5130.00	Vertical	-37.58	-25	Pass
5130.00	Horizontal	-37.45		

10MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5010.00	Vertical	-38.95	-25	Pass
5010.00	Horizontal	-39.48		
10MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.14	-25	Pass
5070.00	Horizontal	-38.65		
10MHz(RB size 1 & RB offset 49) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5130.00	Vertical	-37.28	-25	Pass
5130.00	Horizontal	-37.98		

10MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5010.00	Vertical	-38.52	-25	Pass
5010.00	Horizontal	-38.25		
10MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.52	-25	Pass
5070.00	Horizontal	-38.17		
10MHz(RB size 25 & RB offset 24) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5130.00	Vertical	-38.21	-25	Pass
5130.00	Horizontal	-38.17		

10MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5010.00	Vertical	-39.52	-25	Pass
5010.00	Horizontal	-38.28		
10MHz(RB size 25 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.55	-25	Pass
5070.00	Horizontal	-38.86		
10MHz(RB size 25 & RB offset 24) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5130.00	Vertical	-38.52	-25	Pass
5130.00	Horizontal	-39.25		

10MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5010.00	Vertical	-38.52	-25	Pass
5010.00	Horizontal	-39.25		
10MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.54	-25	Pass
5070.00	Horizontal	-39.25		
10MHz(RB size 50 & RB offset 0 for QPSK				
Test mode:	**10MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5130.00	Vertical	-38.59	-25	Pass
5130.00	Horizontal	-39.29		

10MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5010.00	Vertical	-39.25	-25	Pass
5010.00	Horizontal	-38.88		
10MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.52	-25	Pass
5070.00	Horizontal	-39.53		
10MHz(RB size 50 & RB offset 0 for 16QAM				
Test mode:	**10MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5130.00	Vertical	-38.42	-25	Pass
5130.00	Horizontal	-38.98		

15MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5015.00	Vertical	-38.47	-25	Pass
5015.00	Horizontal	-38.19		
15MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.11	-25	Pass
5070.00	Horizontal	-38.25		
15MHz(RB size 1 & RB offset 74) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5125.00	Vertical	-37.25	-25	Pass
5125.00	Horizontal	-37.42		

15MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5015.00	Vertical	-38.45	-25	Pass
5015.00	Horizontal	-38.57		
15MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.95	-25	Pass
5070.00	Horizontal	-38.14		
15MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5125.00	Vertical	-37.29	-25	Pass
5125.00	Horizontal	-37.28		

15MHz(RB size 36 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5015.00	Vertical	-38.52	-25	Pass
5015.00	Horizontal	-38.52		
15MHz(RB size 36 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.54	-25	Pass
5070.00	Horizontal	-38.39		
15MHz(RB size 36 & RB offset 35) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5125.00	Vertical	-38.54	-25	Pass
5125.00	Horizontal	-38.92		

15MHz(RB size 36 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5015.00	Vertical	-39.52	-25	Pass
5015.00	Horizontal	-39.58		
15MHz(RB size 36& RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.52	-25	Pass
5070.00	Horizontal	-39.50		
15MHz(RB size 36 & RB offset 35) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5125.00	Vertical	-38.54	-25	Pass
5125.00	Horizontal	-39.87		

15MHz(RB size 75 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5015.00	Vertical	-38.52	-25	Pass
5015.00	Horizontal	-39.56		
15MHz(RB size 75 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-37.58	-25	Pass
5070.00	Horizontal	-39.25		
15MHz(RB size 75 & RB offset 0) for QPSK				
Test mode:	**15MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5125.00	Vertical	-39.52	-25	Pass
5125.00	Horizontal	-38.65		

15MHz(RB size 75 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5015.00	Vertical	-38.18	-25	Pass
5015.00	Horizontal	-37.65		
15MHz(RB size 75& RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.62	-25	Pass
5070.00	Horizontal	-38.48		
15MHz(RB size 75 & RB offset 0) for 16QAM				
Test mode:	**15MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5125.00	Vertical	-39.50	-25	Pass
5125.00	Horizontal	-38.65		

20MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5020.00	Vertical	-38.52	-25	Pass
5020.00	Horizontal	-38.45		
20MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-37.41	-25	Pass
5070.00	Horizontal	-37.52		
20MHz(RB size 1 & RB offset 99) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5120.00	Vertical	-37.58	-25	Pass
5120.00	Horizontal	-37.82		

20MHz(RB size 1 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5020.00	Vertical	-38.60	-25	Pass
5020.00	Horizontal	-38.17		
20MHz(RB size 1 & RB offset 49) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-37.59	-25	Pass
5070.00	Horizontal	-37.28		
20MHz(RB size 1 & RB offset 99) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5120.00	Vertical	-37.15	-25	Pass
5120.00	Horizontal	-37.59		

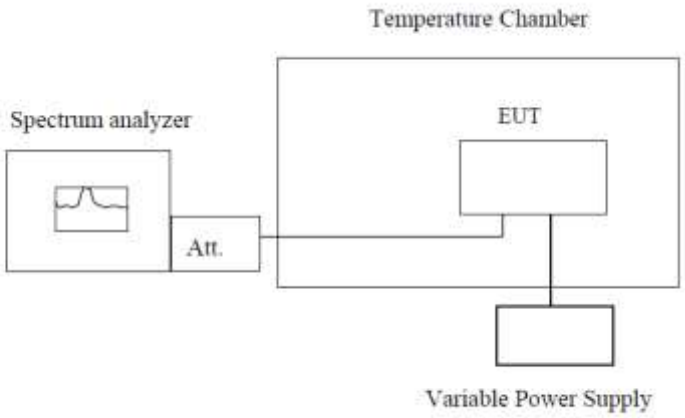
20MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5020.00	Vertical	-38.65	-25	Pass
5020.00	Horizontal	-39.65		
20MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.62	-25	Pass
5070.00	Horizontal	-39.54		
20MHz(RB size 50 & RB offset 49) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5120.00	Vertical	-38.65	-25	Pass
5120.00	Horizontal	-38.95		

20MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5020.00	Vertical	-38.58	-25	Pass
5020.00	Horizontal	-39.65		
20MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.57	-25	Pass
5070.00	Horizontal	-39.65		
20MHz(RB size 50 & RB offset 49) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5120.00	Vertical	-38.54	-25	Pass
5120.00	Horizontal	-39.65		

20MHz(RB size 100 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5020.00	Vertical	-38.52	-25	Pass
5020.00	Horizontal	-39.58		
20MHz(RB size 100 & RB offset 0) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-38.47	-25	Pass
5070.00	Horizontal	-39.52		
20MHz(RB size 100 & RB offset 49) for QPSK				
Test mode:	**20MHz QPSK**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5120.00	Vertical	-38.24	-25	Pass
5120.00	Horizontal	-39.26		

20MHz(RB size 100 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Lowest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5020.00	Vertical	-39.54	-25	Pass
5020.00	Horizontal	-38.65		
20MHz(RB size 100 & RB offset 0) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-39.65	-25	Pass
5070.00	Horizontal	-38.54		
20MHz(RB size 100 & RB offset 49) for 16QAM				
Test mode:	**20MHz 16QAM**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5120.00	Vertical	-38.62	-25	Pass
5120.00	Horizontal	-38.65		

6.11 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part 2.1055(a)(1)(b)
Test Method:	FCC Part 2.1055(a)(1)(b)
Limit:	±2.5 ppm
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25℃ operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.

Measurement Data (the worst channel):

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	104	0.060023	±2.5	Pass
	-20	121	0.069841		
	-10	121	0.069841		
	0	150	0.086580		
	10	88	0.050794		
	20	123	0.070996		
	30	124	0.071573		
	40	146	0.084271		
	50	86	0.049639		

Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	120	0.069264	±2.5	Pass
	-20	163	0.094084		
	-10	144	0.083117		
	0	106	0.061183		
	10	115	0.066378		
	20	104	0.060029		
	30	139	0.080231		
	40	126	0.072727		
	50	151	0.087157		

Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	113	0.065224	±2.5	Pass
	-20	105	0.060606		
	-10	79	0.045599		
	0	58	0.033478		
	10	66	0.038095		
	20	73	0.042136		
	30	57	0.032900		
	40	97	0.055988		
	50	106	0.061183		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	89	0.051371	±2.5	Pass
	-20	107	0.061760		
	-10	65	0.037518		
	0	98	0.056566		
	10	125	0.072150		
	20	102	0.058874		
	30	85	0.049062		
	40	132	0.076190		
	50	83	0.047908		

Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	95	0.054834	±2.5	Pass
	-20	81	0.046753		
	-10	76	0.043867		
	0	102	0.058874		
	10	59	0.034055		
	20	125	0.072150		
	30	91	0.052525		
	40	100	0.057720		
	50	93	0.053680		

Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	135	0.077922	±2.5	Pass
	-20	147	0.084848		
	-10	114	0.065801		
	0	91	0.052525		
	10	46	0.026551		
	20	93	0.053680		
	30	78	0.045022		
	40	109	0.062915		
	50	104	0.060029		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	112	0.064646	±2.5	Pass
	-20	106	0.061183		
	-10	129	0.074459		
	0	142	0.081962		
	10	97	0.055988		
	20	131	0.075613		
	30	122	0.070418		
	40	127	0.073304		
	50	106	0.061183		

Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	113	0.065224	±2.5	Pass
	-20	135	0.077922		
	-10	125	0.072150		
	0	98	0.056566		
	10	104	0.060029		
	20	120	0.069264		
	30	141	0.081385		
	40	101	0.058297		
	50	123	0.070996		

Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	130	0.075036	±2.5	Pass
	-20	89	0.051371		
	-10	98	0.056566		
	0	102	0.058874		
	10	113	0.065224		
	20	114	0.065801		
	30	120	0.069264		
	40	134	0.077345		
	50	117	0.067532		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	95	0.054834	±2.5	Pass
	-20	121	0.069841		
	-10	78	0.045022		
	0	92	0.053102		
	10	116	0.066955		
	20	100	0.057720		
	30	97	0.055988		
	40	123	0.070996		
	50	96	0.055411		

Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	103	0.059452	±2.5	Pass
	-20	97	0.055988		
	-10	83	0.047908		
	0	124	0.071573		
	10	135	0.077922		
	20	107	0.061760		
	30	89	0.051371		
	40	120	0.069264		
	50	88	0.050794		

Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	121	0.069841	±2.5	Pass
	-20	157	0.090620		
	-10	129	0.074459		
	0	108	0.062338		
	10	79	0.045599		
	20	83	0.047908		
	30	95	0.054834		
	40	115	0.066378		
	50	97	0.055988		

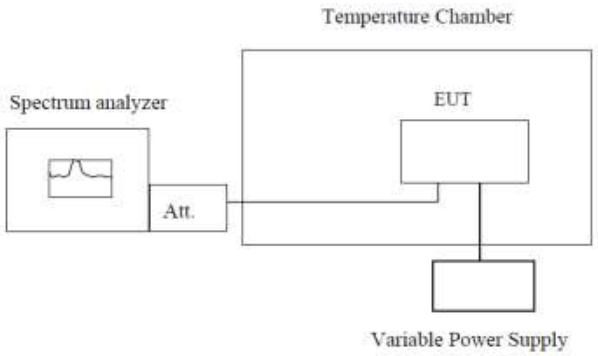
LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	141	0.055621	±2.5	Pass
	-20	124	0.048915		
	-10	98	0.038659		
	0	74	0.029191		
	10	95	0.037475		
	20	84	0.033136		
	30	66	0.026036		
	40	87	0.034320		
	50	114	0.044970		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	97	0.038264	±2.5	Pass
	-20	154	0.060750		
	-10	124	0.048915		
	0	130	0.051282		
	10	98	0.038659		
	20	87	0.034320		
	30	92	0.036292		
	40	105	0.041420		
	50	95	0.037475		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	121	0.047732	±2.5	Pass
	-20	140	0.055227		
	-10	97	0.038264		
	0	103	0.040631		
	10	86	0.033925		
	20	104	0.041026		
	30	86	0.033925		
	40	115	0.045365		
	50	97	0.038264		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	142	0.056016	±2.5	Pass
	-20	126	0.049704		
	-10	98	0.038659		
	0	93	0.036686		
	10	79	0.031164		
	20	87	0.034320		
	30	124	0.048915		
	40	122	0.048126		
	50	95	0.037475		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	142	0.056016	±2.5	Pass
	-20	94	0.037081		
	-10	87	0.034320		
	0	69	0.027219		
	10	79	0.031164		
	20	86	0.033925		
	30	108	0.042604		
	40	130	0.051282		
	50	87	0.034320		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	118	0.046548	±2.5	Pass
	-20	98	0.038659		
	-10	86	0.033925		
	0	79	0.031164		
	10	157	0.061934		
	20	108	0.042604		
	30	95	0.037475		
	40	135	0.053254		
	50	95	0.037475		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	106	0.041815	2.5	Pass
	-20	96	0.037870		
	-10	85	0.033531		
	0	125	0.049310		
	10	139	0.054832		
	20	92	0.036292		
	30	75	0.029586		
	40	98	0.038659		
	50	79	0.031164		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	152	0.059961	2.5	Pass
	-20	92	0.036292		
	-10	125	0.049310		
	0	69	0.027219		
	10	78	0.030769		
	20	39	0.015385		
	30	98	0.038659		
	40	78	0.030769		
	50	108	0.042604		

6.12 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part 2.1055(d)(1)(2)
Test Method:	FCC Part 2.1055(d)(1)(2)
Limit:	2.5ppm
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test procedure:	1. Set chamber temperature to 25℃. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/-15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details, and all channels have been tested, only shows the worst channel data in this report.
Test results:	Passed

Measurement Data (the worst channel):

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	110	0.063492	±2.5	Pass
	3.70	85	0.049062		
	3.40	56	0.032323		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	78	0.045022	±2.5	Pass
	3.70	95	0.054834		
	3.40	82	0.047330		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.039250	±2.5	Pass
	3.70	59	0.034055		
	3.40	101	0.058297		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	94	0.054257	±2.5	Pass
	3.70	87	0.050216		
	3.40	69	0.039827		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	64	0.036941	±2.5	Pass
	3.70	76	0.043867		
	3.40	97	0.055988		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	69	0.039827	±2.5	Pass
	3.70	87	0.050216		
	3.40	71	0.040981		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	108	0.062338	±2.5	Pass
	3.70	76	0.043868		
	3.40	98	0.056566		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	83	0.047908	±2.5	Pass
	3.70	102	0.058875		
	3.40	73	0.042136		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	86	0.049639	±2.5	Pass
	3.70	79	0.045599		
	3.40	80	0.046176		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	93	0.053680	±2.5	Pass
	3.70	90	0.051948		
	3.40	89	0.051371		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	58	0.033478	±2.5	Pass
	3.70	77	0.044444		
	3.40	85	0.049062		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	89	0.002453	±2.5	Pass
	3.70	104	0.002136		
	3.40	111	0.001962		

LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	98	0.038659	±2.5	Pass
	3.70	83	0.032742		
	3.40	43	0.016963		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.026824	±2.5	Pass
	3.70	89	0.035108		
	3.40	86	0.033925		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	73	0.028797	±2.5	Pass
	3.70	66	0.026036		
	3.40	112	0.044181		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	86	0.033925	±2.5	Pass
	3.70	94	0.037081		
	3.40	103	0.040631		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	95	0.037475	±2.5	Pass
	3.70	84	0.033136		
	3.40	57	0.022485		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	73	0.028797	±2.5	Pass
	3.70	94	0.037081		
	3.40	102	0.040237		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	100	0.039448	±2.5	Pass
	3.70	83	0.032742		
	3.40	79	0.031164		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	93	0.036686	±2.5	Pass
	3.70	76	0.029980		
	3.40	80	0.031558		