



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 4

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	23.19
QPSK	1710.7	19957	1.4	1	3	23.27
QPSK	1710.7	19957	1.4	1	5	22.98
QPSK	1710.7	19957	1.4	3	0	23.08
QPSK	1710.7	19957	1.4	3	1	22.98
QPSK	1710.7	19957	1.4	3	3	23.00
QPSK	1710.7	19957	1.4	6	0	22.02
QPSK	1732.5	20175	1.4	1	0	23.27
QPSK	1732.5	20175	1.4	1	3	23.25
QPSK	1732.5	20175	1.4	1	5	23.29
QPSK	1732.5	20175	1.4	3	0	22.98
QPSK	1732.5	20175	1.4	3	1	23.08
QPSK	1732.5	20175	1.4	3	3	23.14
QPSK	1732.5	20175	1.4	6	0	22.18
QPSK	1754.3	20393	1.4	1	0	23.00
QPSK	1754.3	20393	1.4	1	3	23.20
QPSK	1754.3	20393	1.4	1	5	22.92
QPSK	1754.3	20393	1.4	3	0	22.97
QPSK	1754.3	20393	1.4	3	1	23.02
QPSK	1754.3	20393	1.4	3	3	23.02
QPSK	1754.3	20393	1.4	6	0	22.17



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1710.7	19957	1.4	1	0	21.86
16QAM	1710.7	19957	1.4	1	3	22.32
16QAM	1710.7	19957	1.4	1	5	22.24
16QAM	1710.7	19957	1.4	3	0	22.09
16QAM	1710.7	19957	1.4	3	1	22.04
16QAM	1710.7	19957	1.4	3	3	22.16
16QAM	1710.7	19957	1.4	6	0	21.10
16QAM	1732.5	20175	1.4	1	0	22.27
16QAM	1732.5	20175	1.4	1	3	22.55
16QAM	1732.5	20175	1.4	1	5	22.56
16QAM	1732.5	20175	1.4	3	0	22.23
16QAM	1732.5	20175	1.4	3	1	22.14
16QAM	1732.5	20175	1.4	3	3	22.23
16QAM	1732.5	20175	1.4	6	0	21.30
16QAM	1754.3	20393	1.4	1	0	22.42
16QAM	1754.3	20393	1.4	1	3	22.50
16QAM	1754.3	20393	1.4	1	5	22.38
16QAM	1754.3	20393	1.4	3	0	21.94
16QAM	1754.3	20393	1.4	3	1	22.22
16QAM	1754.3	20393	1.4	3	3	22.20
16QAM	1754.3	20393	1.4	6	0	21.24
64QAM	1710.7	19957	1.4	1	0	22.18
64QAM	1710.7	19957	1.4	1	3	22.37
64QAM	1710.7	19957	1.4	1	5	22.17
64QAM	1710.7	19957	1.4	3	0	22.12
64QAM	1710.7	19957	1.4	3	1	22.10
64QAM	1710.7	19957	1.4	3	3	21.98
64QAM	1710.7	19957	1.4	6	0	21.08
64QAM	1732.5	20175	1.4	1	0	22.05
64QAM	1732.5	20175	1.4	1	3	22.04
64QAM	1732.5	20175	1.4	1	5	22.09
64QAM	1732.5	20175	1.4	3	0	21.84
64QAM	1732.5	20175	1.4	3	1	22.37
64QAM	1732.5	20175	1.4	3	3	22.22
64QAM	1732.5	20175	1.4	6	0	21.21
64QAM	1754.3	20393	1.4	1	0	22.44
64QAM	1754.3	20393	1.4	1	3	21.92
64QAM	1754.3	20393	1.4	1	5	22.20
64QAM	1754.3	20393	1.4	3	0	22.20
64QAM	1754.3	20393	1.4	3	1	22.12
64QAM	1754.3	20393	1.4	3	3	22.13
64QAM	1754.3	20393	1.4	6	0	21.13



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	0	22.96
QPSK	1711.5	19965	3	1	8	23.11
QPSK	1711.5	19965	3	1	14	22.87
QPSK	1711.5	19965	3	8	0	22.18
QPSK	1711.5	19965	3	8	4	22.18
QPSK	1711.5	19965	3	8	7	22.06
QPSK	1711.5	19965	3	15	0	22.06
QPSK	1732.5	20175	3	1	0	23.12
QPSK	1732.5	20175	3	1	8	23.25
QPSK	1732.5	20175	3	1	14	22.94
QPSK	1732.5	20175	3	8	0	22.05
QPSK	1732.5	20175	3	8	4	22.02
QPSK	1732.5	20175	3	8	7	22.15
QPSK	1732.5	20175	3	15	0	22.04
QPSK	1753.5	20385	3	1	0	23.23
QPSK	1753.5	20385	3	1	8	23.25
QPSK	1753.5	20385	3	1	14	22.99
QPSK	1753.5	20385	3	8	0	22.07
QPSK	1753.5	20385	3	8	4	22.16
QPSK	1753.5	20385	3	8	7	22.11
QPSK	1753.5	20385	3	15	0	22.01



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	19965	3	1	0	22.12
16QAM	1711.5	19965	3	1	8	22.57
16QAM	1711.5	19965	3	1	14	22.10
16QAM	1711.5	19965	3	8	0	21.24
16QAM	1711.5	19965	3	8	4	21.17
16QAM	1711.5	19965	3	8	7	21.06
16QAM	1711.5	19965	3	15	0	21.08
16QAM	1732.5	20175	3	1	0	22.63
16QAM	1732.5	20175	3	1	8	22.70
16QAM	1732.5	20175	3	1	14	22.55
16QAM	1732.5	20175	3	8	0	21.06
16QAM	1732.5	20175	3	8	4	21.15
16QAM	1732.5	20175	3	8	7	21.21
16QAM	1732.5	20175	3	15	0	21.14
16QAM	1753.5	20385	3	1	0	22.35
16QAM	1753.5	20385	3	1	8	22.52
16QAM	1753.5	20385	3	1	14	22.29
16QAM	1753.5	20385	3	8	0	21.10
16QAM	1753.5	20385	3	8	4	21.20
16QAM	1753.5	20385	3	8	7	21.22
16QAM	1753.5	20385	3	15	0	21.07
64QAM	1711.5	19965	3	1	0	22.26
64QAM	1711.5	19965	3	1	8	22.21
64QAM	1711.5	19965	3	1	14	22.16
64QAM	1711.5	19965	3	8	0	21.12
64QAM	1711.5	19965	3	8	4	21.18
64QAM	1711.5	19965	3	8	7	21.16
64QAM	1711.5	19965	3	15	0	20.99
64QAM	1732.5	20175	3	1	0	22.46
64QAM	1732.5	20175	3	1	8	22.64
64QAM	1732.5	20175	3	1	14	22.12
64QAM	1732.5	20175	3	8	0	21.12
64QAM	1732.5	20175	3	8	4	21.02
64QAM	1732.5	20175	3	8	7	21.16
64QAM	1732.5	20175	3	15	0	21.03
64QAM	1753.5	20385	3	1	0	22.17
64QAM	1753.5	20385	3	1	8	22.15
64QAM	1753.5	20385	3	1	14	22.14
64QAM	1753.5	20385	3	8	0	21.01
64QAM	1753.5	20385	3	8	4	21.25
64QAM	1753.5	20385	3	8	7	21.06
64QAM	1753.5	20385	3	15	0	21.05



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	22.89
QPSK	1712.5	19975	5	1	12	22.98
QPSK	1712.5	19975	5	1	24	23.05
QPSK	1712.5	19975	5	12	0	22.02
QPSK	1712.5	19975	5	12	7	22.10
QPSK	1712.5	19975	5	12	13	22.07
QPSK	1712.5	19975	5	25	0	22.05
QPSK	1732.5	20175	5	1	0	23.06
QPSK	1732.5	20175	5	1	12	23.17
QPSK	1732.5	20175	5	1	24	23.12
QPSK	1732.5	20175	5	12	0	22.01
QPSK	1732.5	20175	5	12	7	22.25
QPSK	1732.5	20175	5	12	13	22.25
QPSK	1732.5	20175	5	25	0	22.09
QPSK	1752.5	20375	5	1	0	23.20
QPSK	1752.5	20375	5	1	12	23.19
QPSK	1752.5	20375	5	1	24	23.09
QPSK	1752.5	20375	5	12	0	22.03
QPSK	1752.5	20375	5	12	7	22.14
QPSK	1752.5	20375	5	12	13	22.11
QPSK	1752.5	20375	5	25	0	22.07



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	19975	5	1	0	22.55
16QAM	1712.5	19975	5	1	12	22.50
16QAM	1712.5	19975	5	1	24	22.21
16QAM	1712.5	19975	5	12	0	21.06
16QAM	1712.5	19975	5	12	7	21.18
16QAM	1712.5	19975	5	12	13	21.19
16QAM	1712.5	19975	5	25	0	21.09
16QAM	1732.5	20175	5	1	0	22.28
16QAM	1732.5	20175	5	1	12	22.73
16QAM	1732.5	20175	5	1	24	22.39
16QAM	1732.5	20175	5	12	0	21.16
16QAM	1732.5	20175	5	12	7	21.07
16QAM	1732.5	20175	5	12	13	21.28
16QAM	1732.5	20175	5	25	0	21.10
16QAM	1752.5	20375	5	1	0	22.69
16QAM	1752.5	20375	5	1	12	22.86
16QAM	1752.5	20375	5	1	24	22.30
16QAM	1752.5	20375	5	12	0	21.21
16QAM	1752.5	20375	5	12	7	21.22
16QAM	1752.5	20375	5	12	13	21.14
16QAM	1752.5	20375	5	25	0	21.04
64QAM	1712.5	19975	5	1	0	22.25
64QAM	1712.5	19975	5	1	12	21.84
64QAM	1712.5	19975	5	1	24	22.36
64QAM	1712.5	19975	5	12	0	21.04
64QAM	1712.5	19975	5	12	7	21.13
64QAM	1712.5	19975	5	12	13	21.14
64QAM	1712.5	19975	5	25	0	21.01
64QAM	1732.5	20175	5	1	0	22.34
64QAM	1732.5	20175	5	1	12	22.27
64QAM	1732.5	20175	5	1	24	22.15
64QAM	1732.5	20175	5	12	0	21.10
64QAM	1732.5	20175	5	12	7	21.15
64QAM	1732.5	20175	5	12	13	21.17
64QAM	1732.5	20175	5	25	0	21.13
64QAM	1752.5	20375	5	1	0	22.30
64QAM	1752.5	20375	5	1	12	22.23
64QAM	1752.5	20375	5	1	24	22.26
64QAM	1752.5	20375	5	12	0	21.13
64QAM	1752.5	20375	5	12	7	21.10
64QAM	1752.5	20375	5	12	13	21.12
64QAM	1752.5	20375	5	25	0	20.99



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	0	22.87
QPSK	1715	20000	10	1	25	23.11
QPSK	1715	20000	10	1	49	23.00
QPSK	1715	20000	10	25	0	22.07
QPSK	1715	20000	10	25	12	22.21
QPSK	1715	20000	10	25	25	22.22
QPSK	1715	20000	10	50	0	22.17
QPSK	1732.5	20175	10	1	0	23.29
QPSK	1732.5	20175	10	1	25	23.09
QPSK	1732.5	20175	10	1	49	23.03
QPSK	1732.5	20175	10	25	0	22.17
QPSK	1732.5	20175	10	25	12	22.24
QPSK	1732.5	20175	10	25	25	22.35
QPSK	1732.5	20175	10	50	0	22.18
QPSK	1750	20350	10	1	0	23.07
QPSK	1750	20350	10	1	25	23.39
QPSK	1750	20350	10	1	49	22.95
QPSK	1750	20350	10	25	0	22.13
QPSK	1750	20350	10	25	12	22.14
QPSK	1750	20350	10	25	25	22.18
QPSK	1750	20350	10	50	0	22.01



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	20000	10	1	0	22.06
16QAM	1715	20000	10	1	25	22.14
16QAM	1715	20000	10	1	49	22.17
16QAM	1715	20000	10	25	0	21.29
16QAM	1715	20000	10	25	12	21.27
16QAM	1715	20000	10	25	25	21.37
16QAM	1715	20000	10	50	0	21.24
16QAM	1732.5	20175	10	1	0	22.42
16QAM	1732.5	20175	10	1	25	22.36
16QAM	1732.5	20175	10	1	49	22.36
16QAM	1732.5	20175	10	25	0	21.26
16QAM	1732.5	20175	10	25	12	21.28
16QAM	1732.5	20175	10	25	25	21.32
16QAM	1732.5	20175	10	50	0	21.28
16QAM	1750	20350	10	1	0	22.19
16QAM	1750	20350	10	1	25	22.49
16QAM	1750	20350	10	1	49	22.21
16QAM	1750	20350	10	25	0	21.13
16QAM	1750	20350	10	25	12	21.16
16QAM	1750	20350	10	25	25	21.31
16QAM	1750	20350	10	50	0	21.11
64QAM	1715	20000	10	1	0	22.44
64QAM	1715	20000	10	1	25	21.67
64QAM	1715	20000	10	1	49	21.85
64QAM	1715	20000	10	25	0	21.09
64QAM	1715	20000	10	25	12	21.30
64QAM	1715	20000	10	25	25	21.36
64QAM	1715	20000	10	50	0	21.19
64QAM	1732.5	20175	10	1	0	22.33
64QAM	1732.5	20175	10	1	25	22.29
64QAM	1732.5	20175	10	1	49	22.52
64QAM	1732.5	20175	10	25	0	21.25
64QAM	1732.5	20175	10	25	12	21.18
64QAM	1732.5	20175	10	25	25	21.34
64QAM	1732.5	20175	10	50	0	21.22
64QAM	1750	20350	10	1	0	22.05
64QAM	1750	20350	10	1	25	22.41
64QAM	1750	20350	10	1	49	22.23
64QAM	1750	20350	10	25	0	21.06
64QAM	1750	20350	10	25	12	21.10
64QAM	1750	20350	10	25	25	21.23
64QAM	1750	20350	10	50	0	21.10



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	0	23.00
QPSK	1717.5	20025	15	1	37	22.89
QPSK	1717.5	20025	15	1	74	22.92
QPSK	1717.5	20025	15	36	0	22.06
QPSK	1717.5	20025	15	36	29	22.11
QPSK	1717.5	20025	15	36	30	22.04
QPSK	1717.5	20025	15	75	0	22.07
QPSK	1732.5	20175	15	1	0	23.10
QPSK	1732.5	20175	15	1	37	23.24
QPSK	1732.5	20175	15	1	74	23.12
QPSK	1732.5	20175	15	36	0	22.12
QPSK	1732.5	20175	15	36	29	22.23
QPSK	1732.5	20175	15	36	30	22.38
QPSK	1732.5	20175	15	75	0	22.20
QPSK	1747.5	20325	15	1	0	23.06
QPSK	1747.5	20325	15	1	37	23.14
QPSK	1747.5	20325	15	1	74	22.92
QPSK	1747.5	20325	15	36	0	22.22
QPSK	1747.5	20325	15	36	29	22.19
QPSK	1747.5	20325	15	36	30	22.29
QPSK	1747.5	20325	15	75	0	22.18



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	20025	15	1	0	22.45
16QAM	1717.5	20025	15	1	37	21.98
16QAM	1717.5	20025	15	1	74	22.07
16QAM	1717.5	20025	15	36	0	20.95
16QAM	1717.5	20025	15	36	29	21.05
16QAM	1717.5	20025	15	36	30	21.09
16QAM	1717.5	20025	15	75	0	21.08
16QAM	1732.5	20175	15	1	0	23.43
16QAM	1732.5	20175	15	1	37	22.80
16QAM	1732.5	20175	15	1	74	22.19
16QAM	1732.5	20175	15	36	0	21.29
16QAM	1732.5	20175	15	36	29	21.34
16QAM	1732.5	20175	15	36	30	21.39
16QAM	1732.5	20175	15	75	0	21.23
16QAM	1747.5	20325	15	1	0	22.44
16QAM	1747.5	20325	15	1	37	22.24
16QAM	1747.5	20325	15	1	74	22.33
16QAM	1747.5	20325	15	36	0	21.16
16QAM	1747.5	20325	15	36	29	21.22
16QAM	1747.5	20325	15	36	30	21.23
16QAM	1747.5	20325	15	75	0	21.15
64QAM	1717.5	20025	15	1	0	22.26
64QAM	1717.5	20025	15	1	37	21.85
64QAM	1717.5	20025	15	1	74	21.74
64QAM	1717.5	20025	15	36	0	20.94
64QAM	1717.5	20025	15	36	29	21.14
64QAM	1717.5	20025	15	36	30	21.11
64QAM	1717.5	20025	15	75	0	21.08
64QAM	1732.5	20175	15	1	0	22.26
64QAM	1732.5	20175	15	1	37	22.01
64QAM	1732.5	20175	15	1	74	22.09
64QAM	1732.5	20175	15	36	0	21.25
64QAM	1732.5	20175	15	36	29	21.28
64QAM	1732.5	20175	15	36	30	21.30
64QAM	1732.5	20175	15	75	0	21.29
64QAM	1747.5	20325	15	1	0	22.14
64QAM	1747.5	20325	15	1	37	22.24
64QAM	1747.5	20325	15	1	74	22.43
64QAM	1747.5	20325	15	36	0	21.12
64QAM	1747.5	20325	15	36	29	21.32
64QAM	1747.5	20325	15	36	30	21.29
64QAM	1747.5	20325	15	75	0	21.13



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	20050	20	1	0	22.91
QPSK	1720	20050	20	1	49	22.89
QPSK	1720	20050	20	1	99	23.05
QPSK	1720	20050	20	50	0	21.92
QPSK	1720	20050	20	50	24	22.06
QPSK	1720	20050	20	50	50	22.01
QPSK	1720	20050	20	100	0	22.05
QPSK	1732.5	20175	20	1	0	23.00
QPSK	1732.5	20175	20	1	49	23.12
QPSK	1732.5	20175	20	1	99	23.13
QPSK	1732.5	20175	20	50	0	22.22
QPSK	1732.5	20175	20	50	24	22.21
QPSK	1732.5	20175	20	50	50	22.35
QPSK	1732.5	20175	20	100	0	22.13
QPSK	1745	20300	20	1	0	22.93
QPSK	1745	20300	20	1	49	23.21
QPSK	1745	20300	20	1	99	23.13
QPSK	1745	20300	20	50	0	22.17
QPSK	1745	20300	20	50	24	22.21
QPSK	1745	20300	20	50	50	22.22
QPSK	1745	20300	20	100	0	22.19



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1720	20050	20	1	0	22.23
16QAM	1720	20050	20	1	49	21.64
16QAM	1720	20050	20	1	99	22.36
16QAM	1720	20050	20	50	0	20.99
16QAM	1720	20050	20	50	24	21.04
16QAM	1720	20050	20	50	50	21.12
16QAM	1720	20050	20	100	0	21.08
16QAM	1732.5	20175	20	1	0	22.37
16QAM	1732.5	20175	20	1	49	22.41
16QAM	1732.5	20175	20	1	99	22.68
16QAM	1732.5	20175	20	50	0	21.22
16QAM	1732.5	20175	20	50	24	21.24
16QAM	1732.5	20175	20	50	50	21.21
16QAM	1732.5	20175	20	100	0	21.22
16QAM	1745	20300	20	1	0	22.07
16QAM	1745	20300	20	1	49	22.48
16QAM	1745	20300	20	1	99	22.28
16QAM	1745	20300	20	50	0	21.16
16QAM	1745	20300	20	50	24	21.16
16QAM	1745	20300	20	50	50	21.18
16QAM	1745	20300	20	100	0	21.17
64QAM	1720	20050	20	1	0	22.07
64QAM	1720	20050	20	1	49	22.00
64QAM	1720	20050	20	1	99	22.33
64QAM	1720	20050	20	50	0	20.97
64QAM	1720	20050	20	50	24	21.08
64QAM	1720	20050	20	50	50	21.02
64QAM	1720	20050	20	100	0	21.08
64QAM	1732.5	20175	20	1	0	22.43
64QAM	1732.5	20175	20	1	49	21.90
64QAM	1732.5	20175	20	1	99	22.52
64QAM	1732.5	20175	20	50	0	21.15
64QAM	1732.5	20175	20	50	24	21.26
64QAM	1732.5	20175	20	50	50	21.22
64QAM	1732.5	20175	20	100	0	21.25
64QAM	1745	20300	20	1	0	22.37
64QAM	1745	20300	20	1	49	22.07
64QAM	1745	20300	20	1	99	21.79
64QAM	1745	20300	20	50	0	21.11
64QAM	1745	20300	20	50	24	21.23
64QAM	1745	20300	20	50	50	21.13
64QAM	1745	20300	20	100	0	21.18



2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	QPSK	1710.7	19957	1.4	6	0	1.076	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.075	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.074	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.675	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.674	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.683	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.471	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.472	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.461	Fig.9
4	QPSK	1715	20000	10	50	0	8.931	Fig.10
4	QPSK	1732.5	20175	10	50	0	8.925	Fig.11
4	QPSK	1750	20350	10	50	0	8.884	Fig.12
4	QPSK	1717.5	20025	15	75	0	13.396	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.372	Fig.14
4	QPSK	1747.5	20325	15	75	0	13.327	Fig.15
4	QPSK	1720	20050	20	100	0	17.798	Fig.16
4	QPSK	1732.5	20175	20	100	0	17.798	Fig.17
4	QPSK	1745	20300	20	100	0	17.813	Fig.18

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	16QAM	1710.7	19957	1.4	6	0	1.076	Fig.19
4	16QAM	1732.5	20175	1.4	6	0	1.081	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.078	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.682	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.672	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.669	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.459	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.464	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.449	Fig.27
4	16QAM	1715	20000	10	50	0	8.926	Fig.28
4	16QAM	1732.5	20175	10	50	0	8.893	Fig.29
4	16QAM	1750	20350	10	50	0	8.921	Fig.30
4	16QAM	1717.5	20025	15	75	0	13.347	Fig.31
4	16QAM	1732.5	20175	15	75	0	13.348	Fig.32
4	16QAM	1747.5	20325	15	75	0	13.353	Fig.33
4	16QAM	1720	20050	20	100	0	17.840	Fig.34
4	16QAM	1732.5	20175	20	100	0	17.824	Fig.35
4	16QAM	1745	20300	20	100	0	17.792	Fig.36



Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	64QAM	1710.7	19957	1.4	6	0	1.077	Fig.37
4	64QAM	1732.5	20175	1.4	6	0	1.071	Fig.38
4	64QAM	1754.3	20393	1.4	6	0	1.071	Fig.39
4	64QAM	1711.5	19965	3	15	0	2.677	Fig.40
4	64QAM	1732.5	20175	3	15	0	2.677	Fig.41
4	64QAM	1753.5	20385	3	15	0	2.675	Fig.42
4	64QAM	1712.5	19975	5	25	0	4.459	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.458	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.469	Fig.45
4	64QAM	1715	20000	10	50	0	8.900	Fig.46
4	64QAM	1732.5	20175	10	50	0	8.905	Fig.47
4	64QAM	1750	20350	10	50	0	8.905	Fig.48
4	64QAM	1717.5	20025	15	75	0	13.422	Fig.49
4	64QAM	1732.5	20175	15	75	0	13.364	Fig.50
4	64QAM	1747.5	20325	15	75	0	13.389	Fig.51
4	64QAM	1720	20050	20	100	0	17.843	Fig.52
4	64QAM	1732.5	20175	20	100	0	17.811	Fig.53
4	64QAM	1745	20300	20	100	0	17.813	Fig.54

Test Mode: QPSK



Fig.1

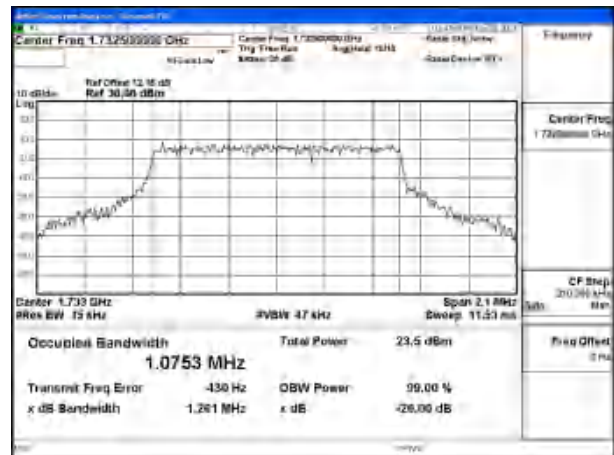


Fig.2



Fig.3

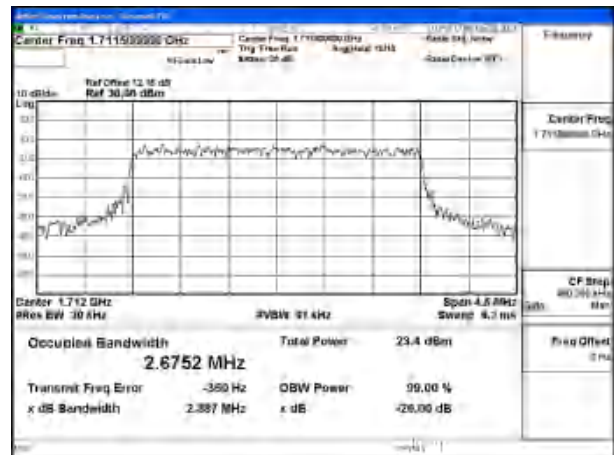


Fig.4

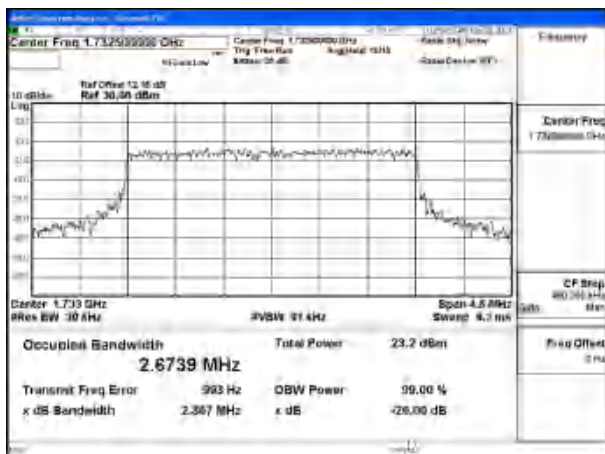


Fig.5

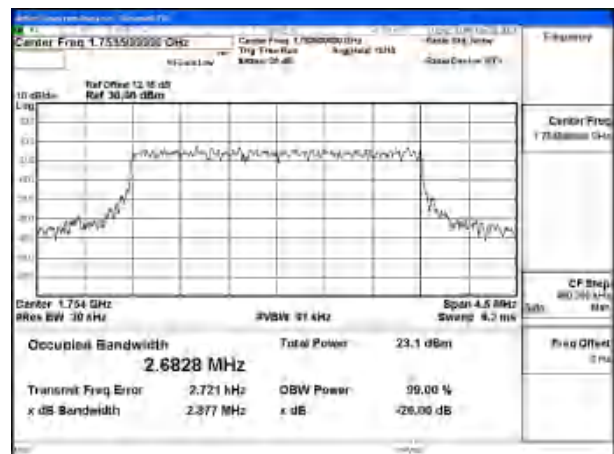


Fig.6

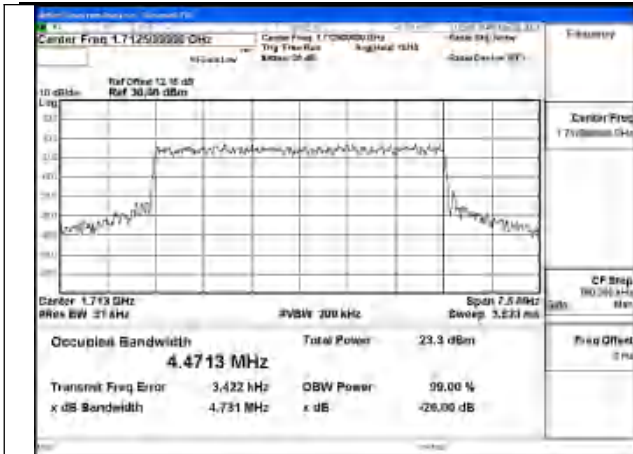


Fig.7

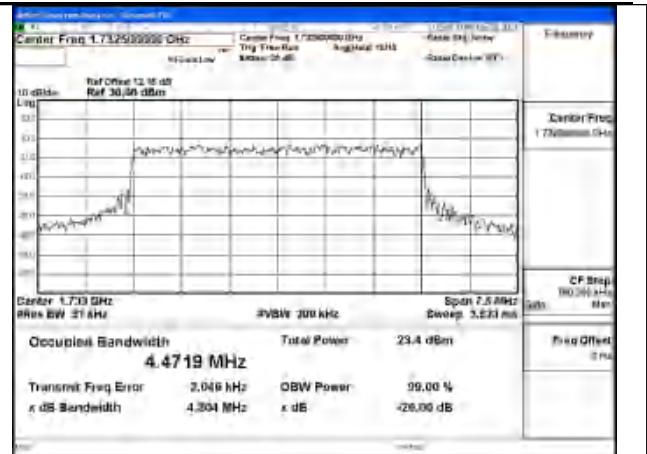


Fig.8



Fig.9

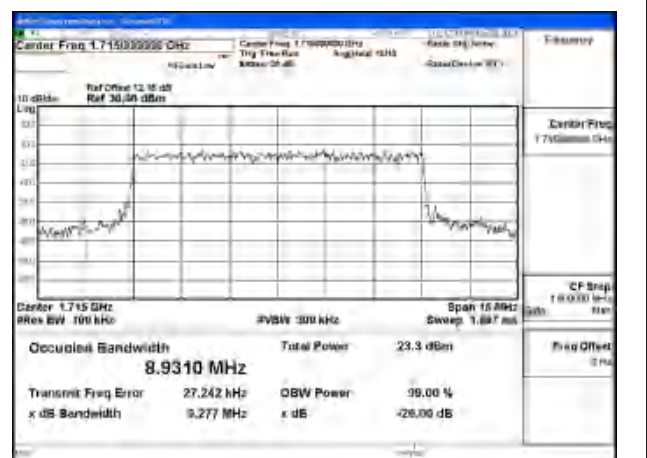


Fig.10

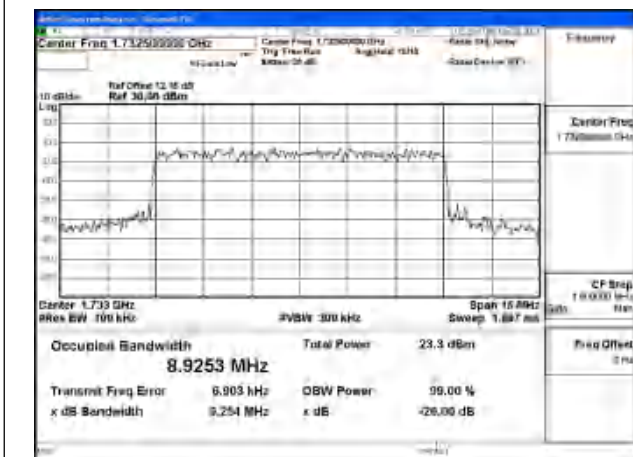


Fig.11



Fig.12

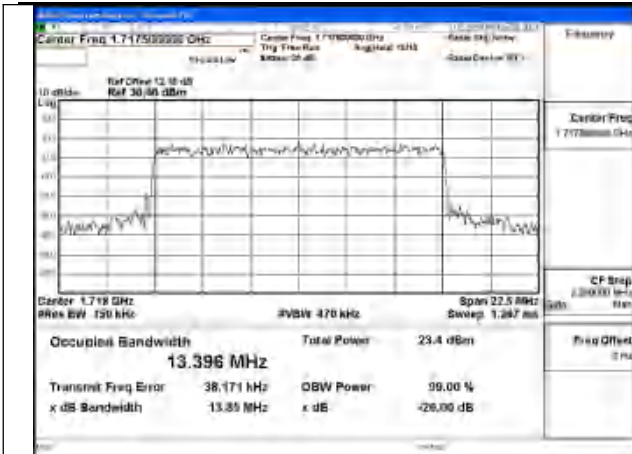


Fig.13

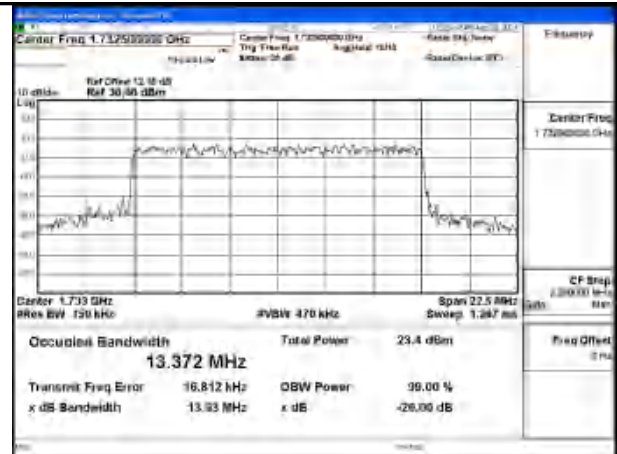


Fig.14

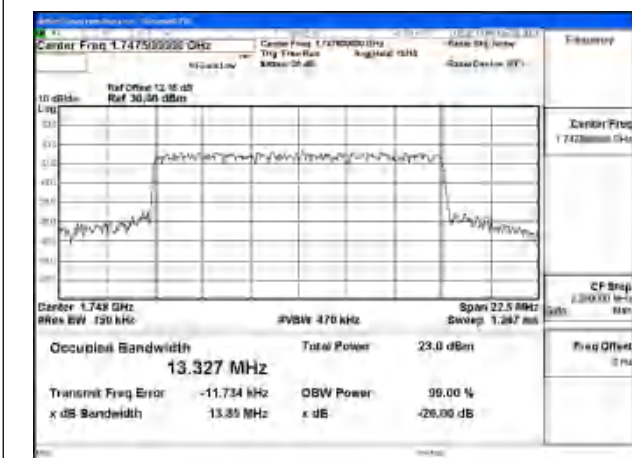


Fig.15

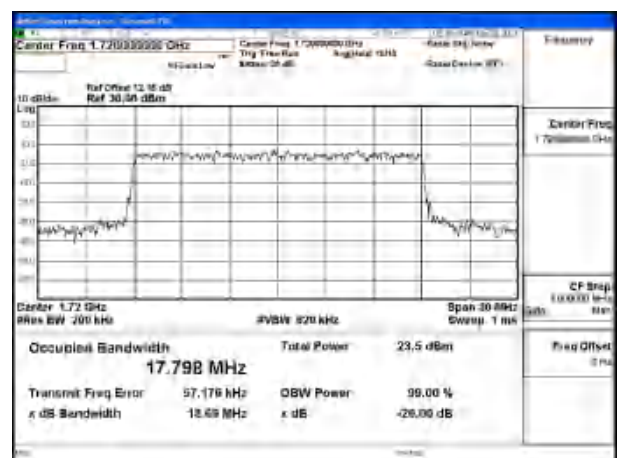


Fig.16

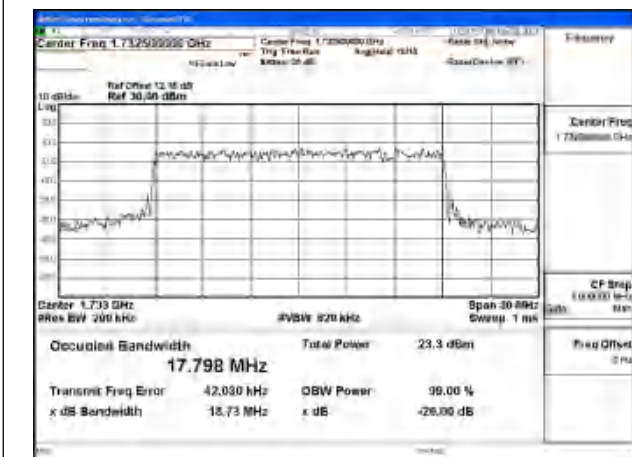


Fig.17

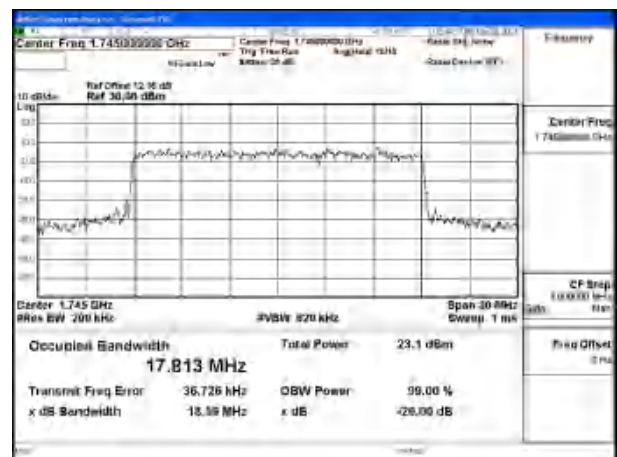


Fig.18

[illegible][illegible]

HP 8591C Spectrum Analyzer

Center Freq 1.754000000 GHz

Ref Offset 12.16 dB

Ref 30.56 dBm

Occupied BW 1.0780 MHz

Total Power 22.2 dBm

Transmit Freq Error -134 Hz

OBW Power 99.00 %

x dB Bandwidth 1.276 MHz

x dB -26.00 dB

Center Freq 1.7120000 GHz
 Span 4.5 MHz
 Res BW 30 kHz
 VBW 51 kHz
 Sweep 5.0 ms

Occupied Bandwidth: 2.6825 MHz
 Total Power: 22.6 dBm
 Transmit Freq Error: 2.6233 Hz
 OSW Power: 99.00 %
 x dB Bandwidth: 2.385 MHz
 x dB: -26.00 dB

Center Freq 1.735000000 GHz

Span 4.5 MHz

Res BW 30 MHz

Occupied Bandwidth 2.6724 MHz

Transmit Freq Error -1.700 MHz

x dB Bandwidth 2.388 MHz

OBW Power 99.00 %

x dB -26.00 dB

Parameter	Value
Center Freq	1.754 GHz
Span	4.5 MHz
Ref Offset	12.16 dB
Ref	30.00 dBm
Occupied Bandwidth	2.6695 MHz
Total Power	22.0 dBm
Transmit Freq Error	-3.733 kHz
OBW Power	99.00 %
x dB Bandwidth	2.381 MHz
x dB	-26.00 dB

The State Radio_monitoring_center Testing Center (SRTC)
Tel: 86-10-5799 6183
Fax: 86-10-57996388

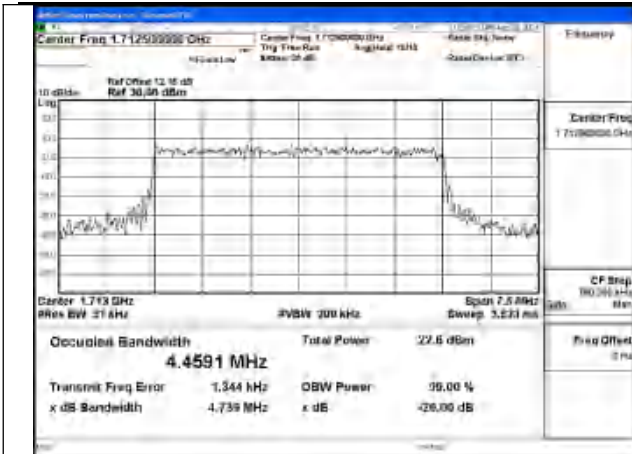


Fig.25

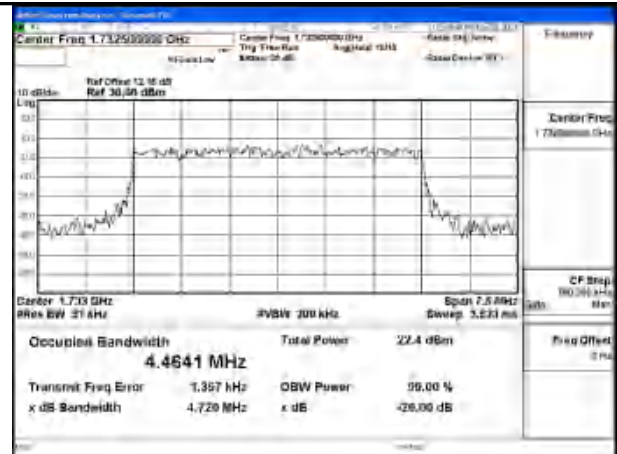


Fig.26

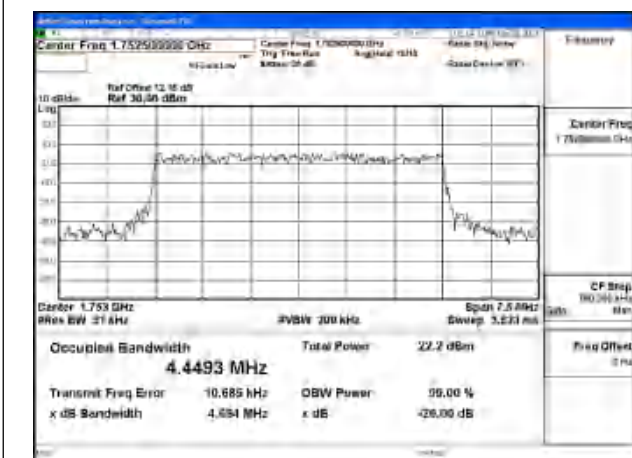


Fig.27

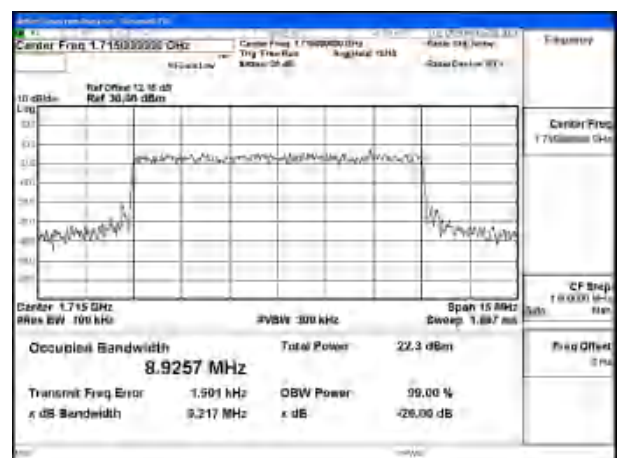


Fig.28

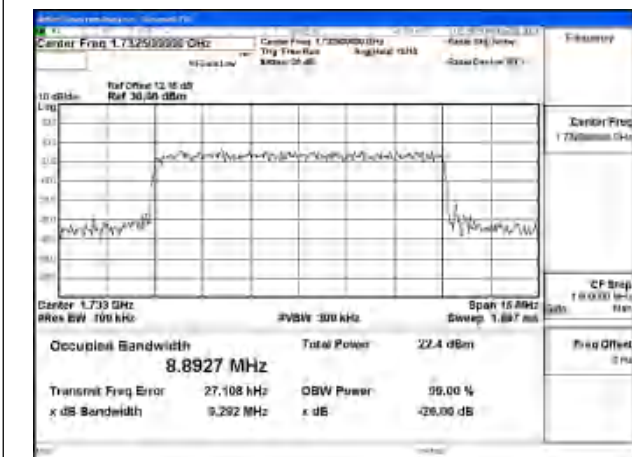


Fig.29

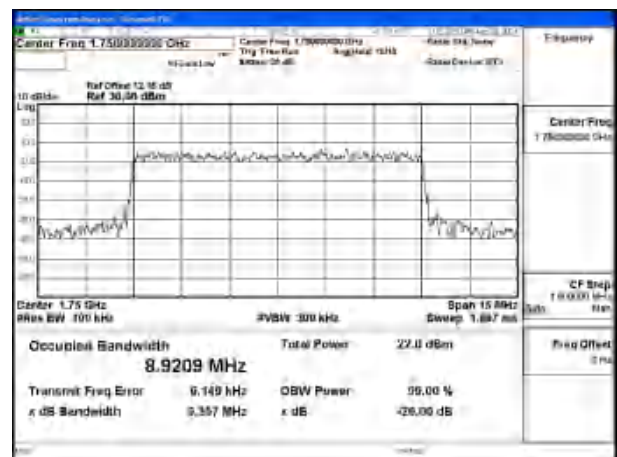


Fig.30

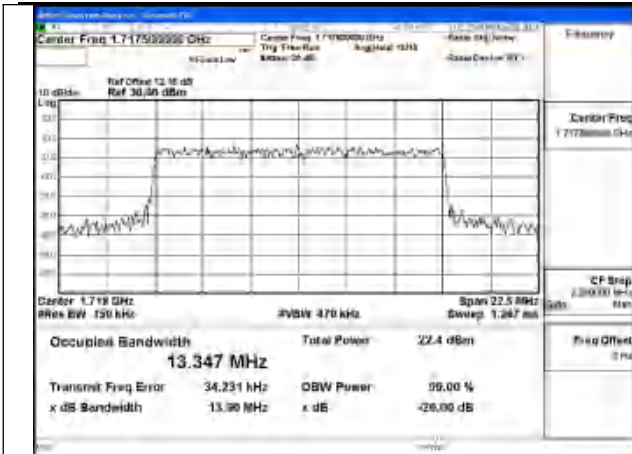


Fig.31

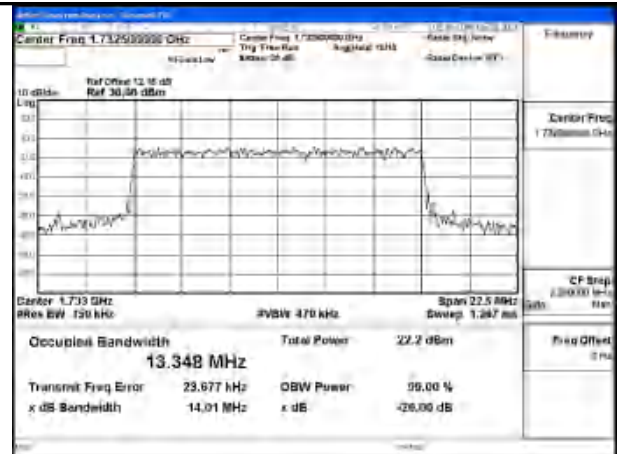


Fig.32



Fig.33

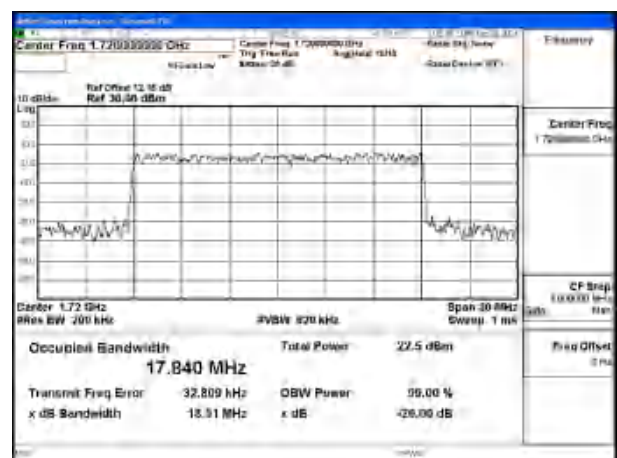


Fig.34

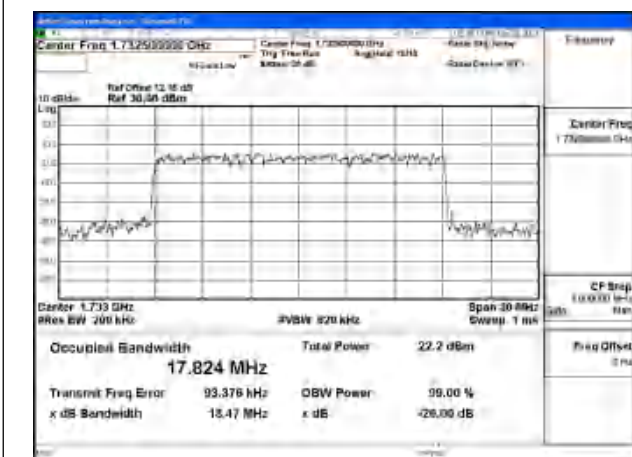


Fig.35

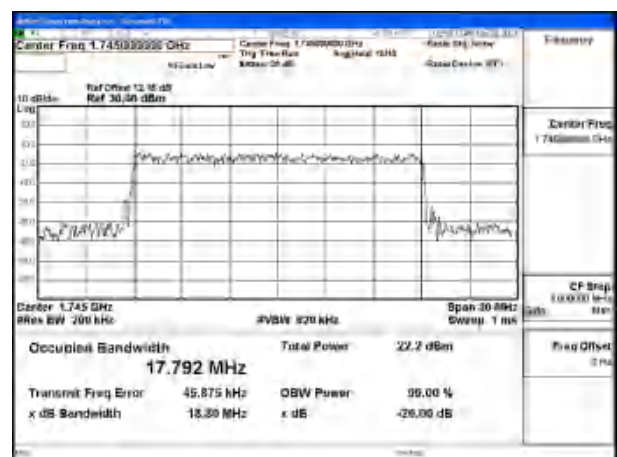


Fig.36

Test Mode: 64QAM



Fig.37

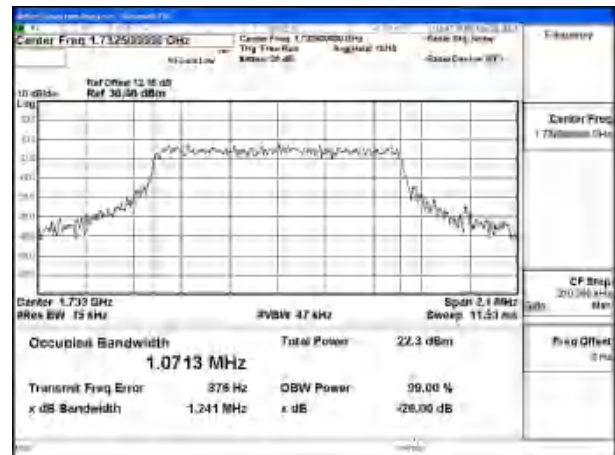


Fig.38



Fig.39



Fig.40

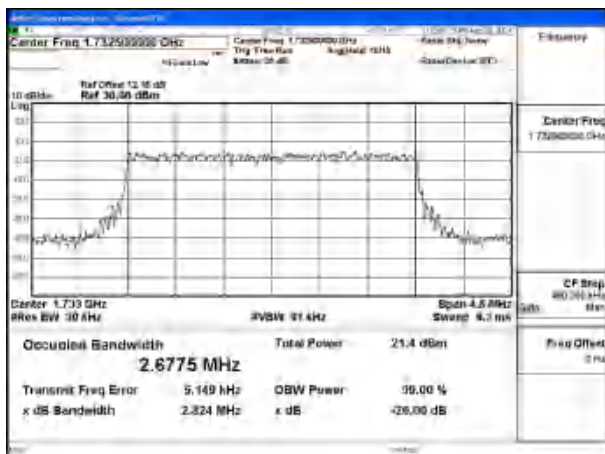


Fig.41

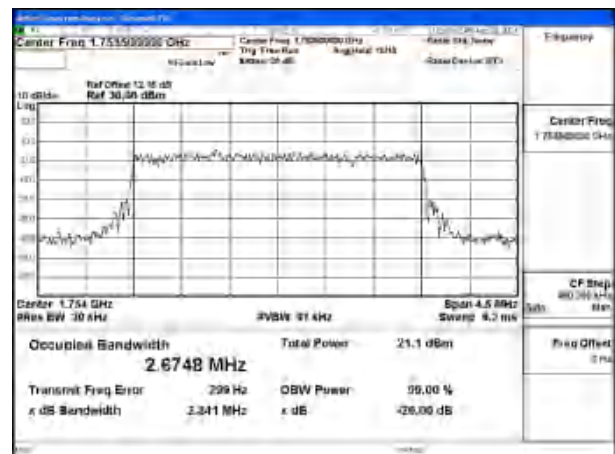


Fig.42

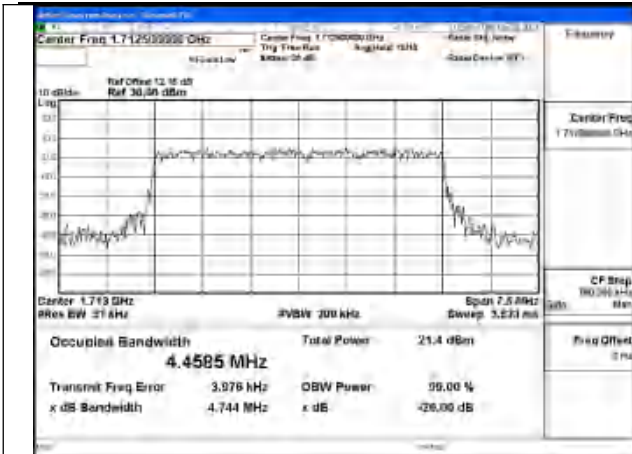


Fig.43

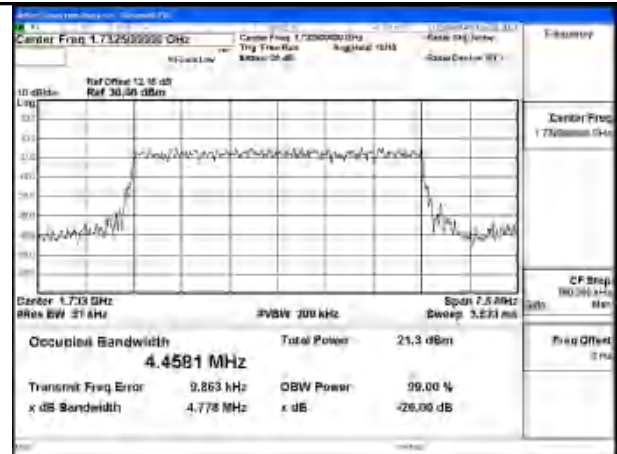


Fig.44

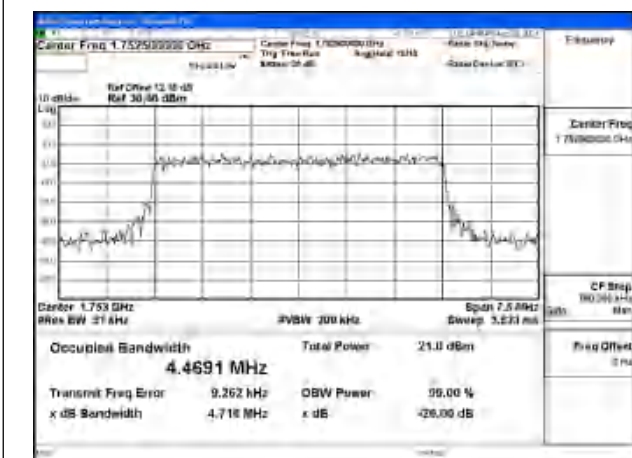


Fig.45

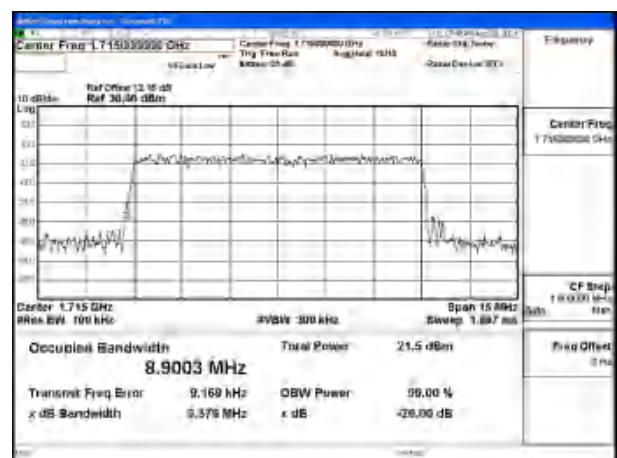


Fig.46

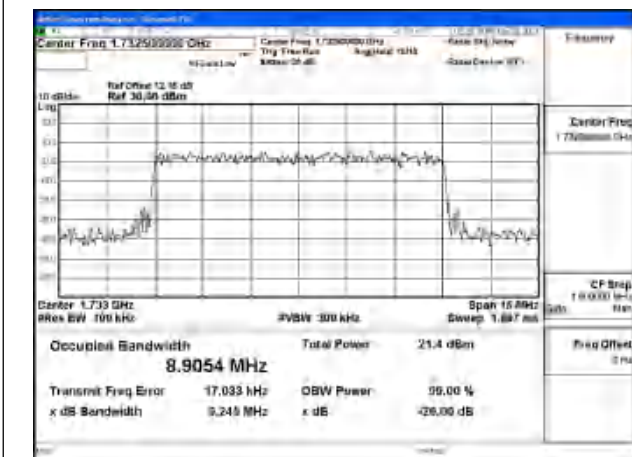


Fig.47

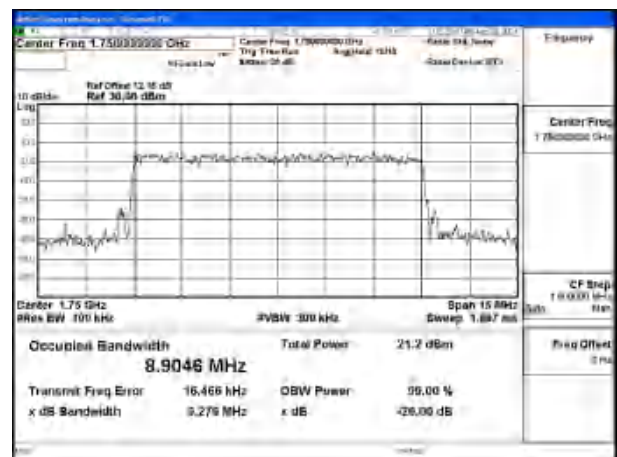


Fig.48

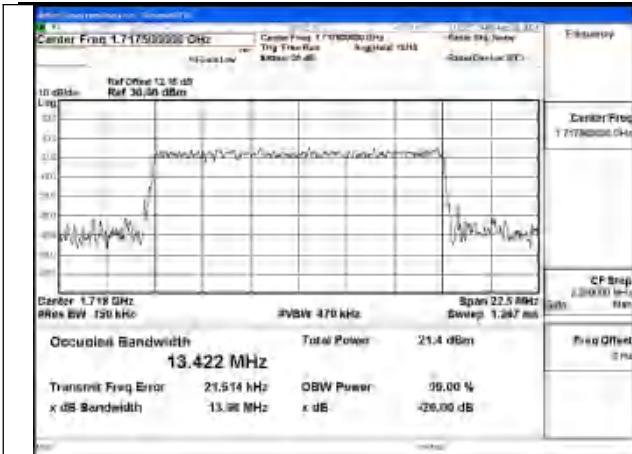


Fig.49

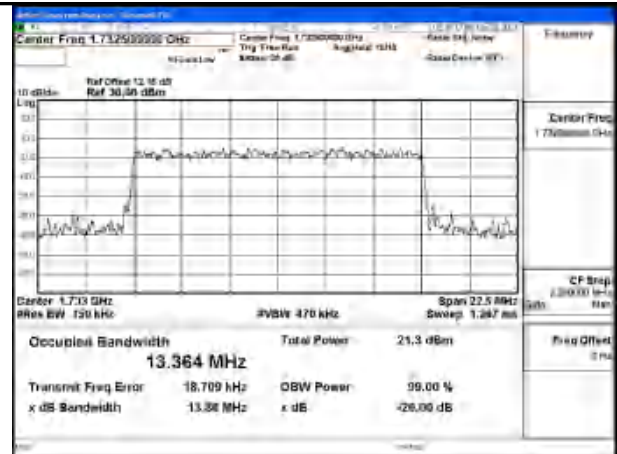


Fig.50

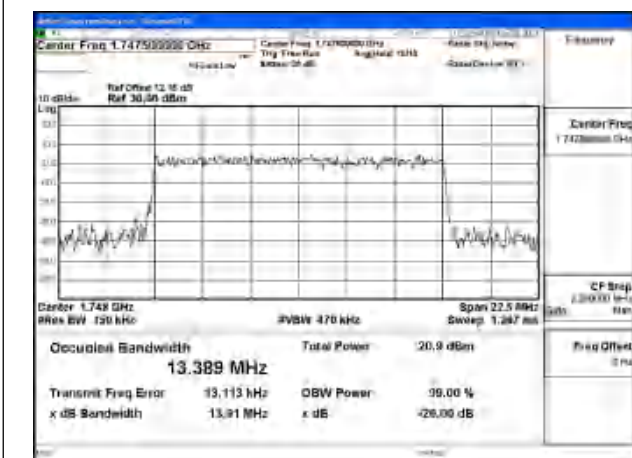


Fig.51

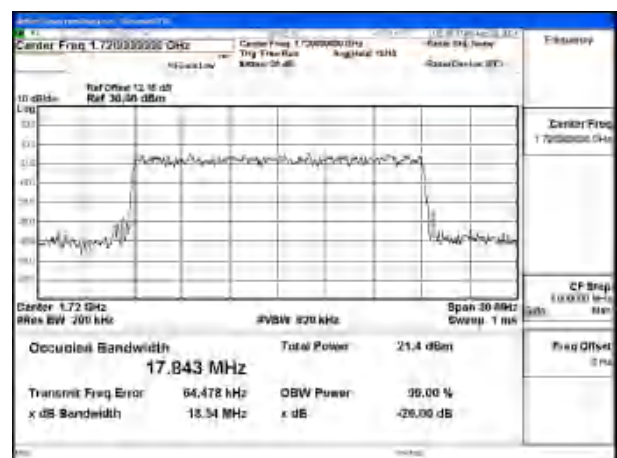


Fig.52

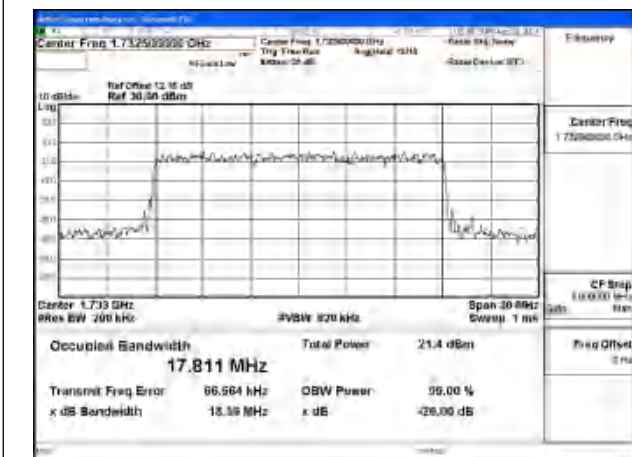


Fig.53

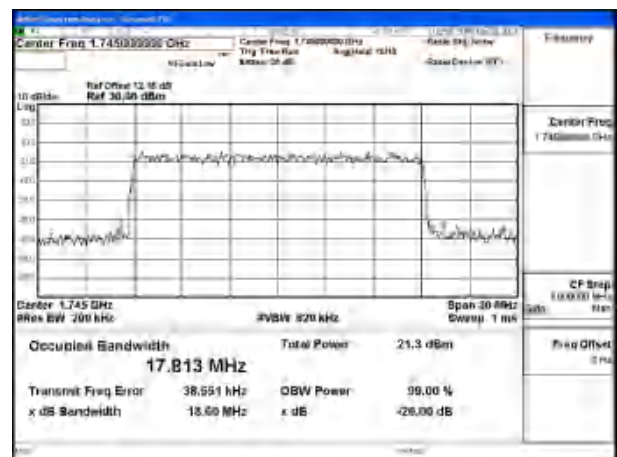


Fig.54



3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	QPSK	1710.7	19957	1.4	6	0	1.292	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.261	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.280	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.887	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.867	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.877	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.731	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.804	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.740	Fig.9
4	QPSK	1715	20000	10	50	0	9.277	Fig.10
4	QPSK	1732.5	20175	10	50	0	9.254	Fig.11
4	QPSK	1750	20350	10	50	0	9.453	Fig.12
4	QPSK	1717.5	20025	15	75	0	13.849	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.931	Fig.14
4	QPSK	1747.5	20325	15	75	0	13.850	Fig.15
4	QPSK	1720	20050	20	100	0	18.693	Fig.16
4	QPSK	1732.5	20175	20	100	0	18.725	Fig.17
4	QPSK	1745	20300	20	100	0	18.586	Fig.18

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	16QAM	1710.7	19957	1.4	6	0	1.294	Fig.19
4	16QAM	1732.5	20175	1.4	6	0	1.259	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.276	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.863	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.880	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.881	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.739	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.720	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.694	Fig.27
4	16QAM	1715	20000	10	50	0	9.217	Fig.28
4	16QAM	1732.5	20175	10	50	0	9.292	Fig.29
4	16QAM	1750	20350	10	50	0	9.357	Fig.30
4	16QAM	1717.5	20025	15	75	0	13.899	Fig.31
4	16QAM	1732.5	20175	15	75	0	14.006	Fig.32
4	16QAM	1747.5	20325	15	75	0	14.015	Fig.33
4	16QAM	1720	20050	20	100	0	18.510	Fig.34
4	16QAM	1732.5	20175	20	100	0	18.469	Fig.35
4	16QAM	1745	20300	20	100	0	18.799	Fig.36



Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	64QAM	1710.7	19957	1.4	6	0	1.240	Fig.37
4	64QAM	1732.5	20175	1.4	6	0	1.241	Fig.38
4	64QAM	1754.3	20393	1.4	6	0	1.298	Fig.39
4	64QAM	1711.5	19965	3	15	0	2.918	Fig.40
4	64QAM	1732.5	20175	3	15	0	2.824	Fig.41
4	64QAM	1753.5	20385	3	15	0	2.841	Fig.42
4	64QAM	1712.5	19975	5	25	0	4.744	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.778	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.716	Fig.45
4	64QAM	1715	20000	10	50	0	9.379	Fig.46
4	64QAM	1732.5	20175	10	50	0	9.245	Fig.47
4	64QAM	1750	20350	10	50	0	9.279	Fig.48
4	64QAM	1717.5	20025	15	75	0	13.963	Fig.49
4	64QAM	1732.5	20175	15	75	0	13.864	Fig.50
4	64QAM	1747.5	20325	15	75	0	13.908	Fig.51
4	64QAM	1720	20050	20	100	0	18.537	Fig.52
4	64QAM	1732.5	20175	20	100	0	18.587	Fig.53
4	64QAM	1745	20300	20	100	0	18.602	Fig.54

Test Mode: QPSK



Fig.1



Fig.2



Fig.3

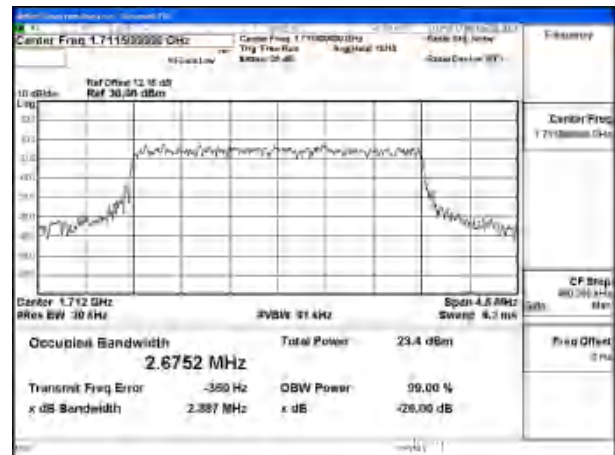


Fig.4

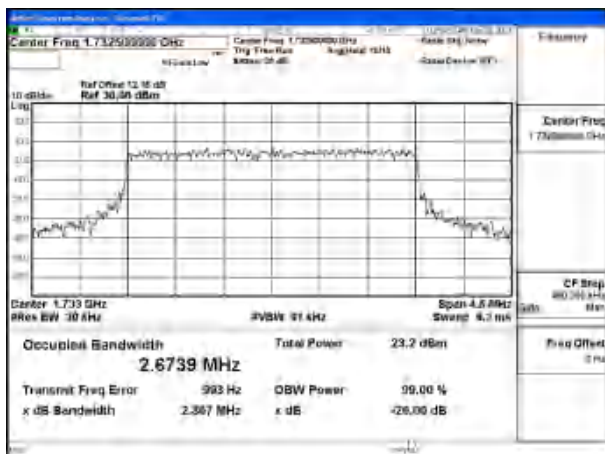


Fig.5

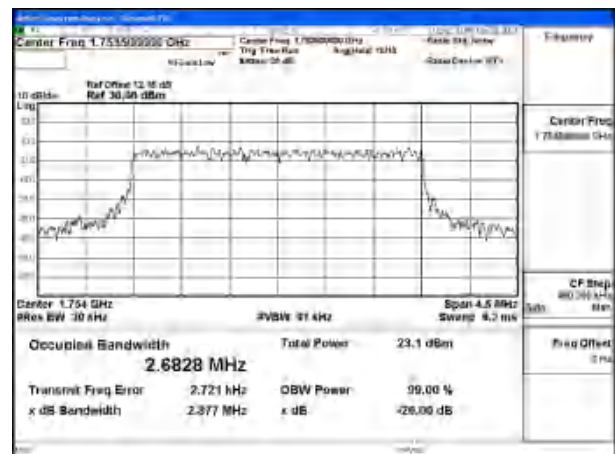


Fig.6

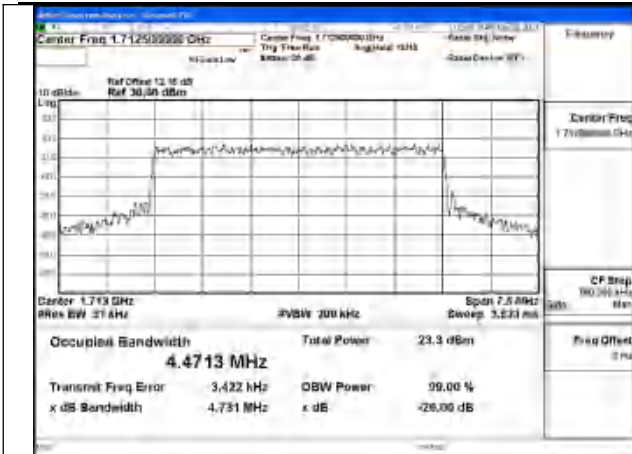


Fig.7

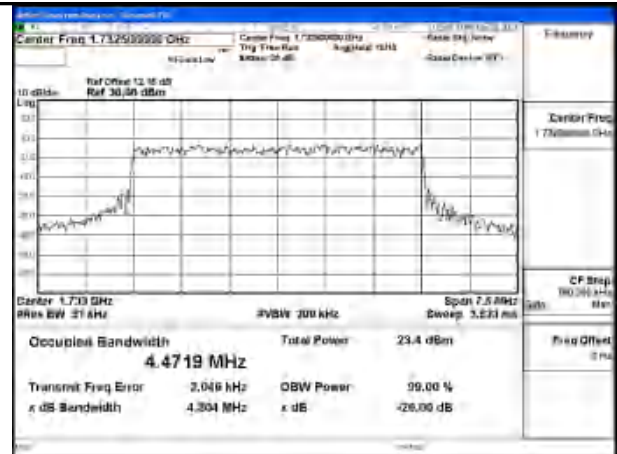


Fig.8



Fig.9

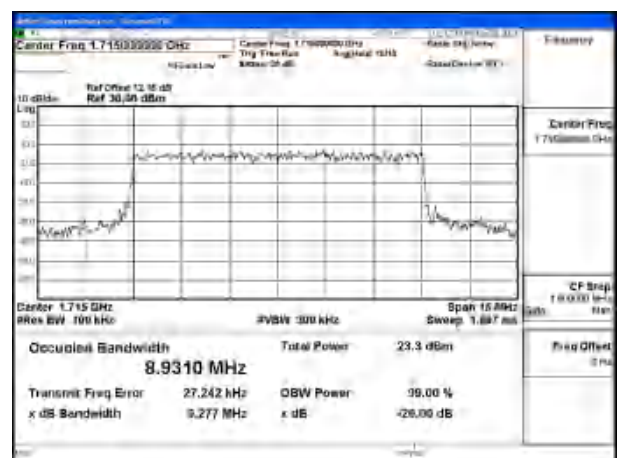


Fig.10

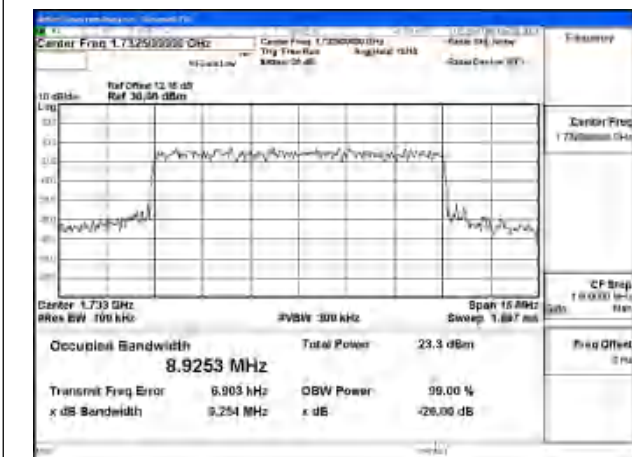


Fig.11

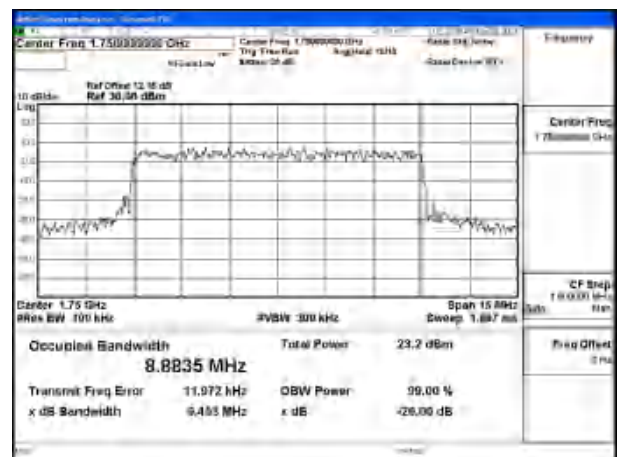


Fig.12

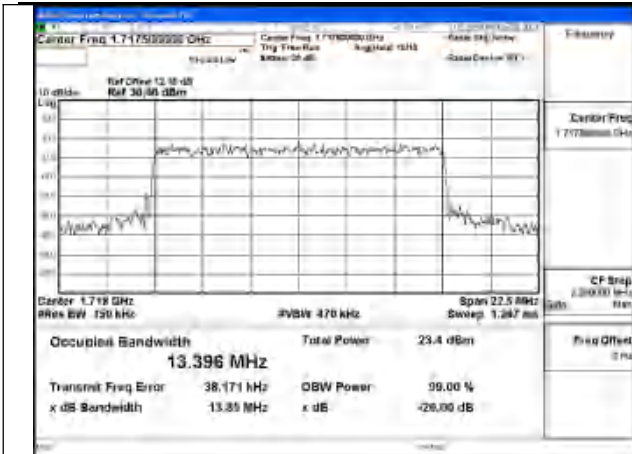


Fig.13

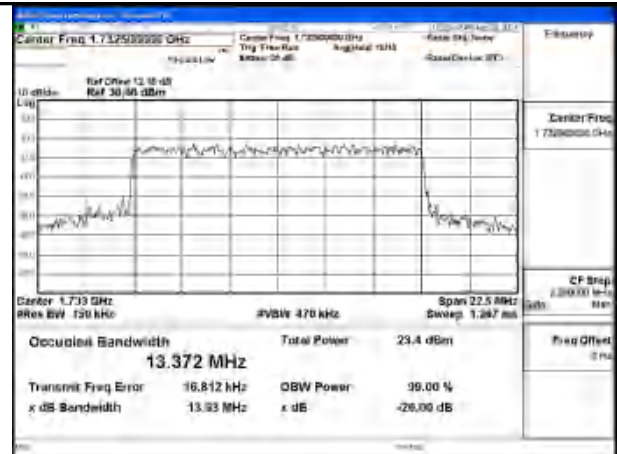


Fig.14

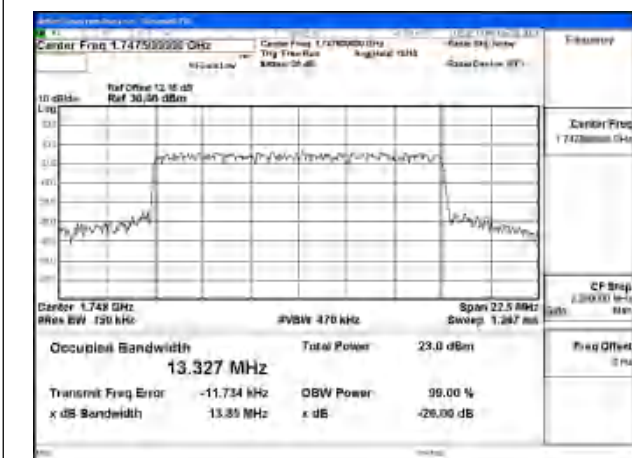


Fig.15

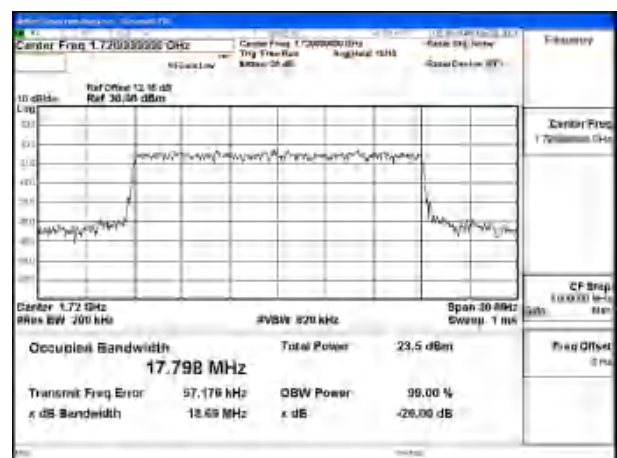


Fig.16

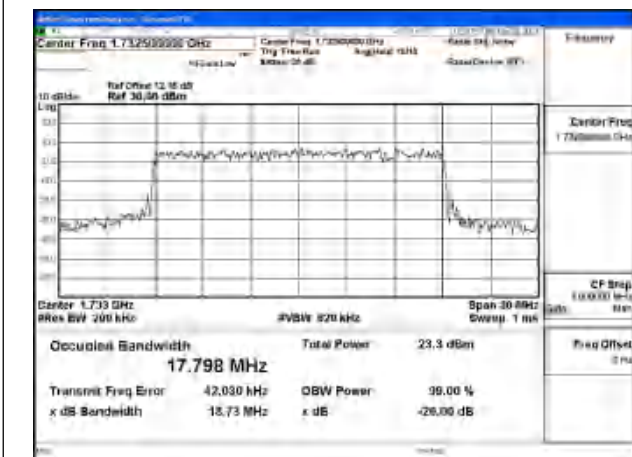


Fig.17

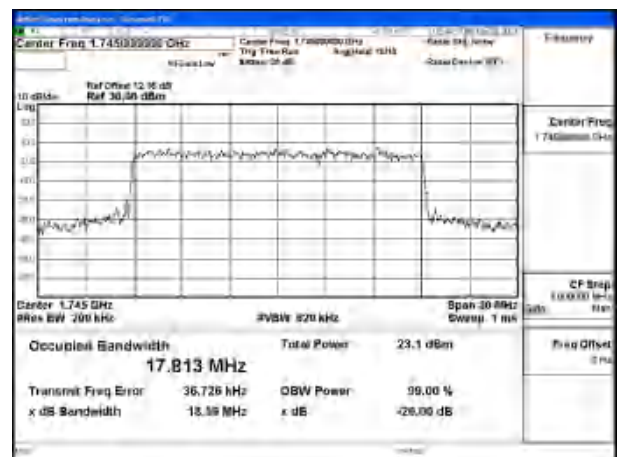


Fig.18

Test Mode: 16QAM

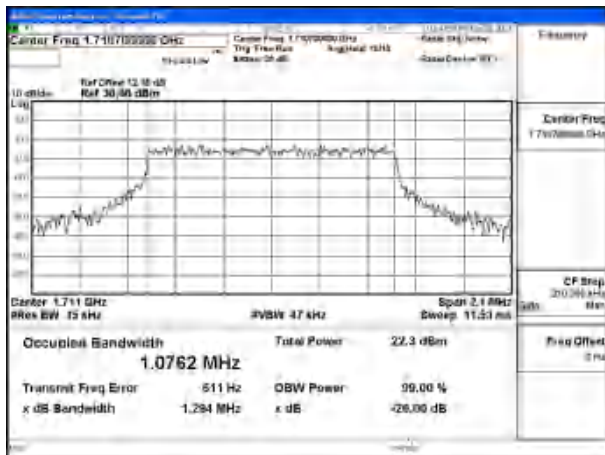


Fig.19



Fig.20

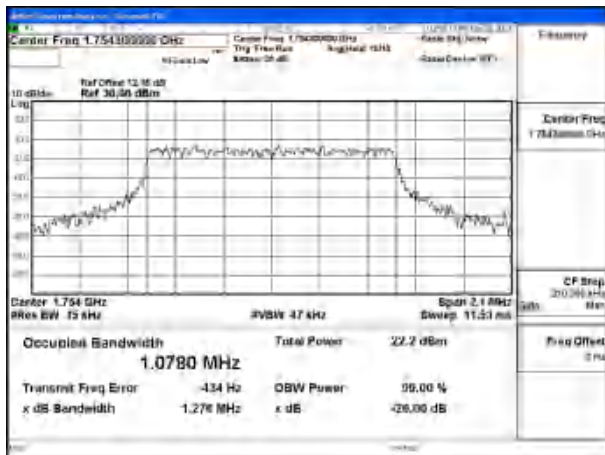


Fig.21

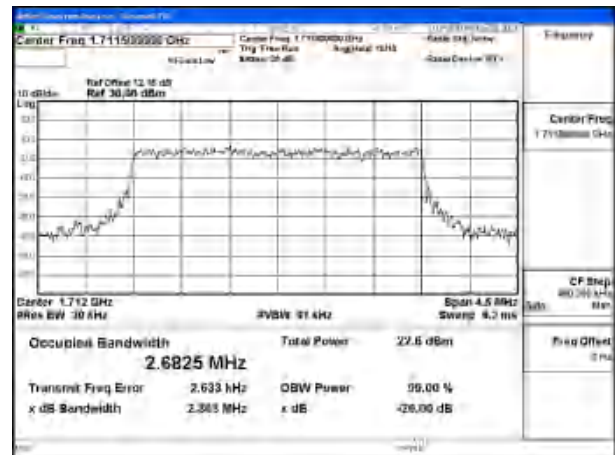


Fig.22

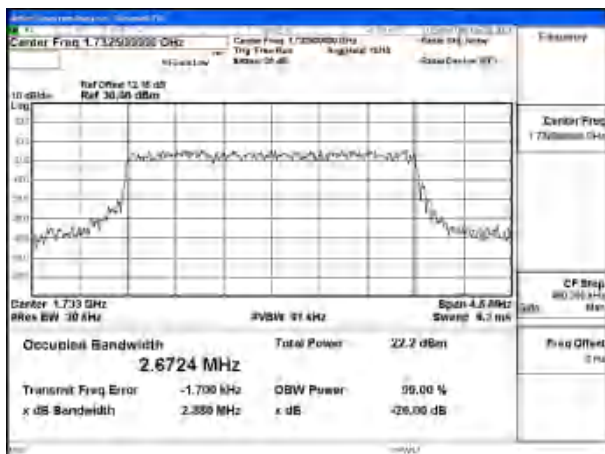


Fig.23

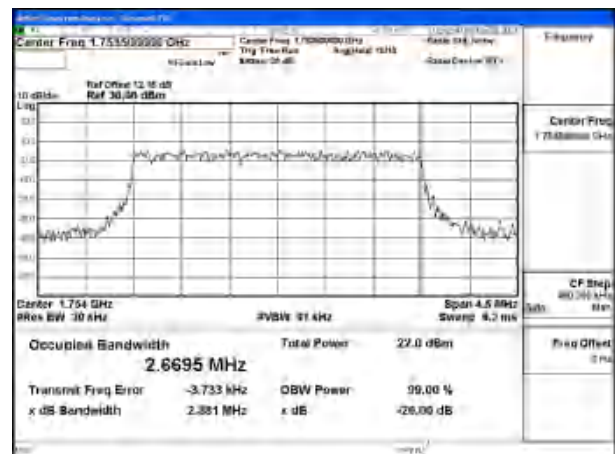


Fig.24

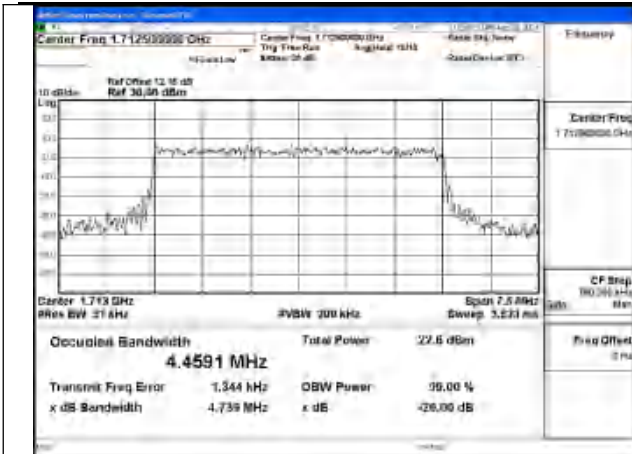


Fig.25

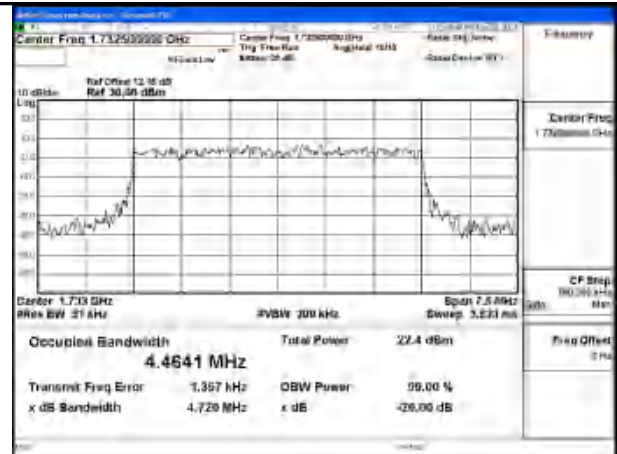


Fig.26

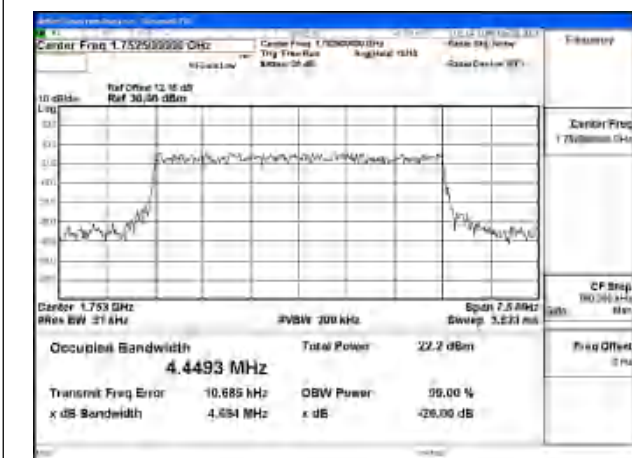


Fig.27

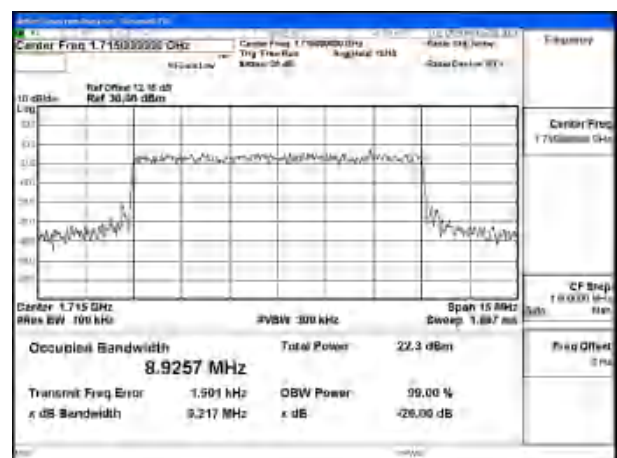


Fig.28

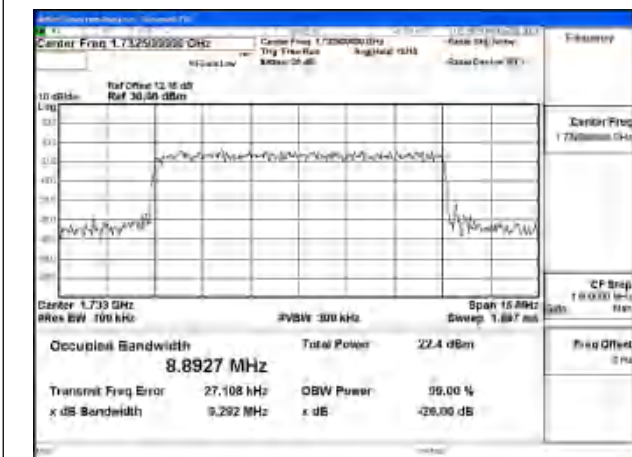


Fig.29

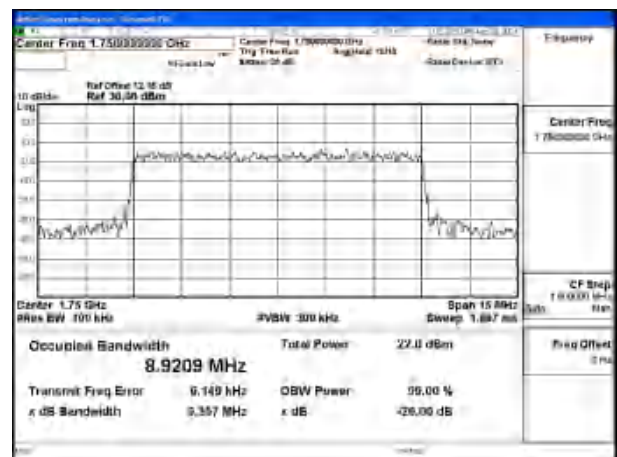


Fig.30

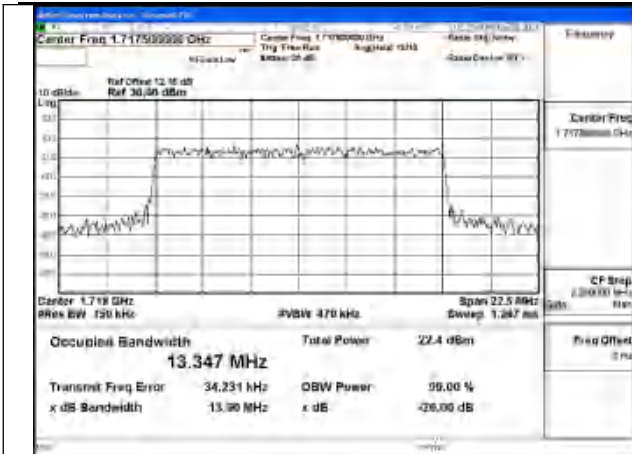


Fig.31

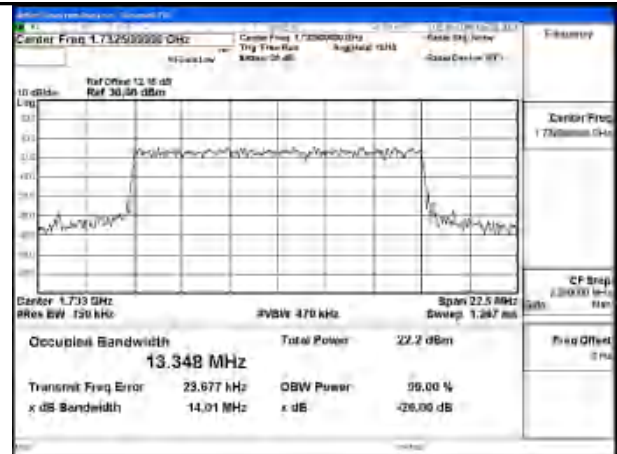


Fig.32



Fig.33

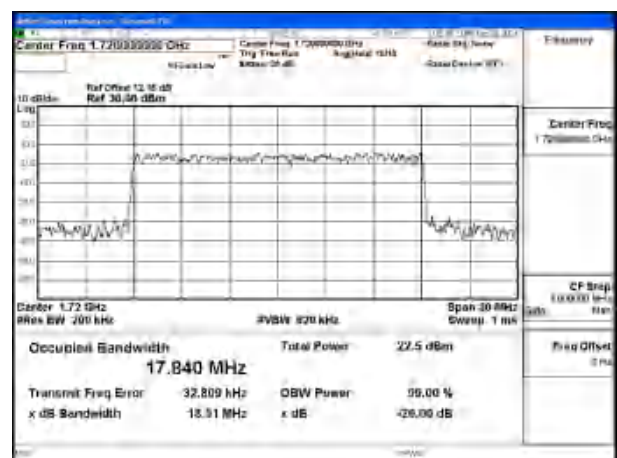


Fig.34

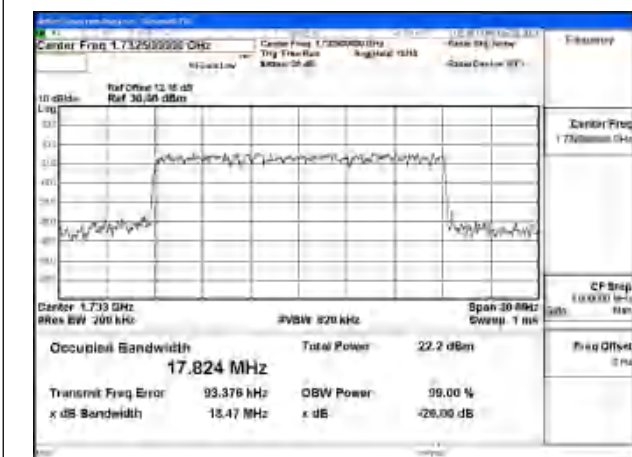


Fig.35

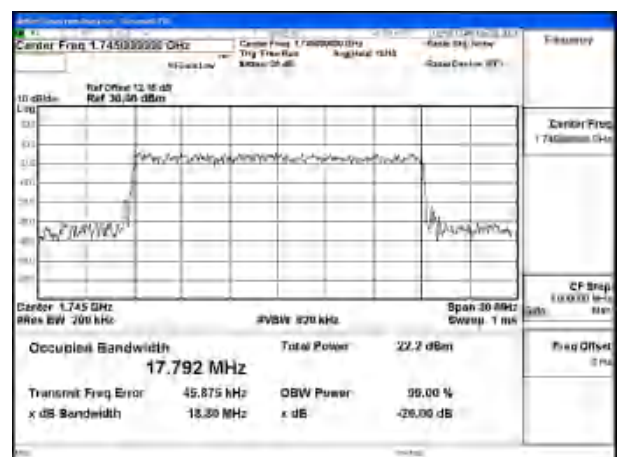


Fig.36

Test Mode: 64QAM



Fig.37

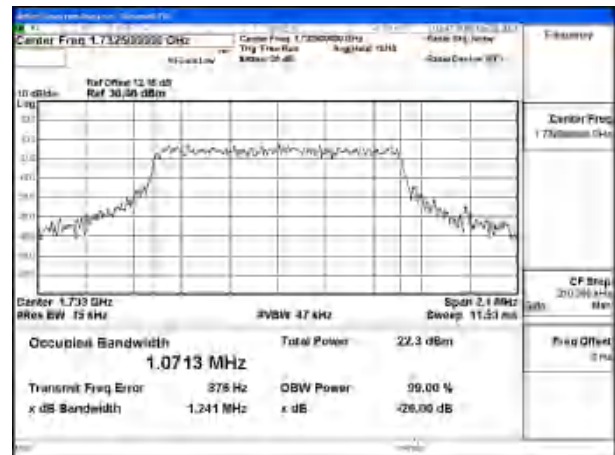


Fig.38



Fig.39



Fig.40

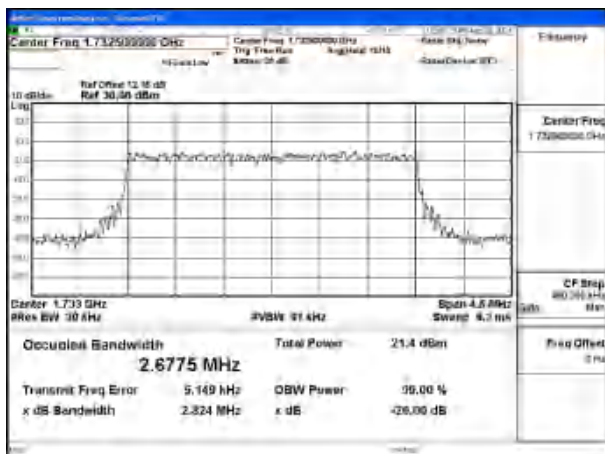


Fig.41

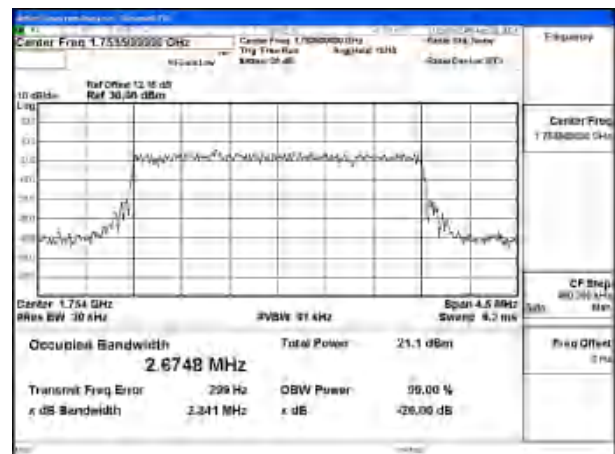


Fig.42

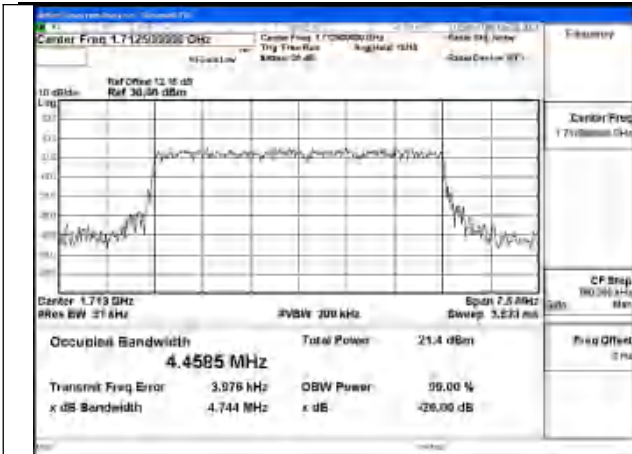


Fig.43

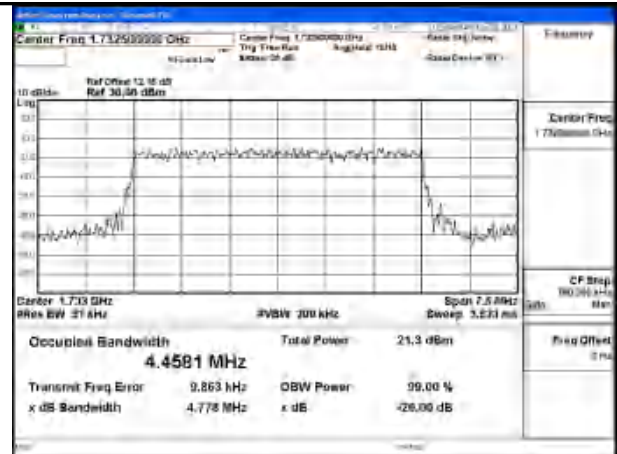


Fig.44

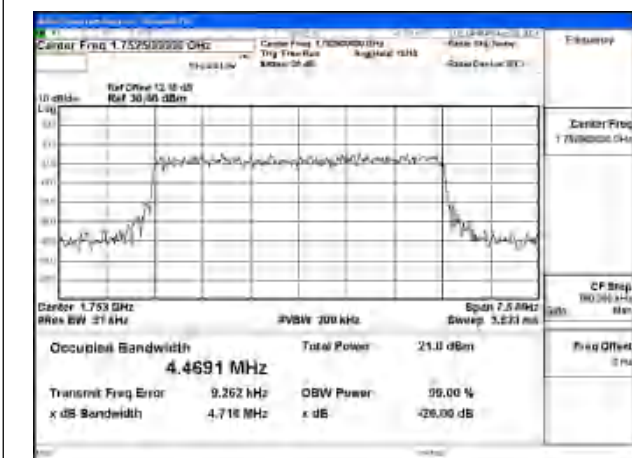


Fig.45

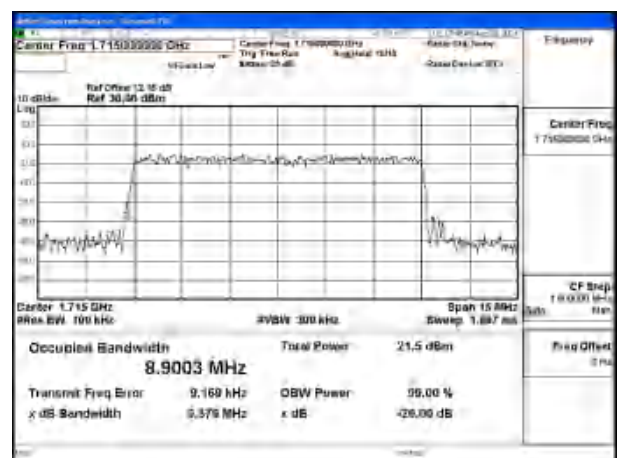


Fig.46

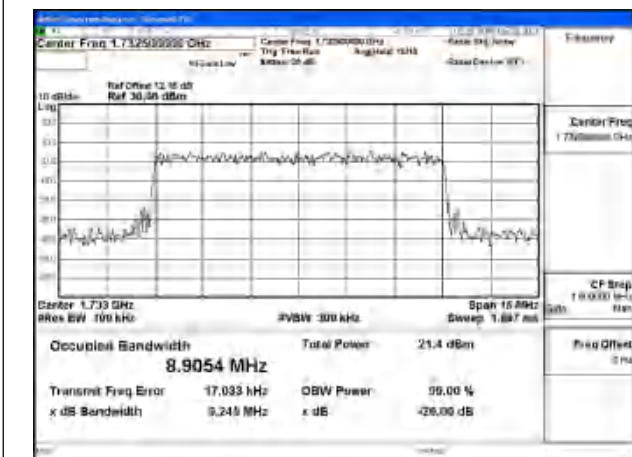


Fig.47

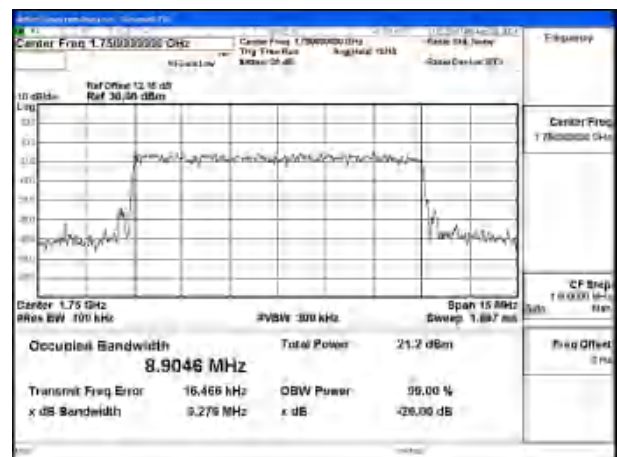


Fig.48

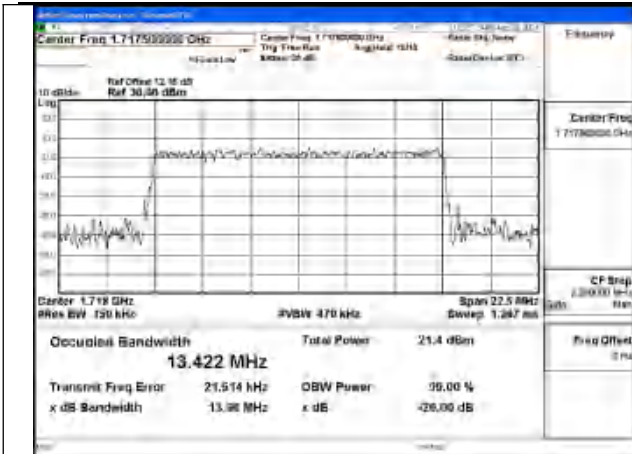


Fig.49

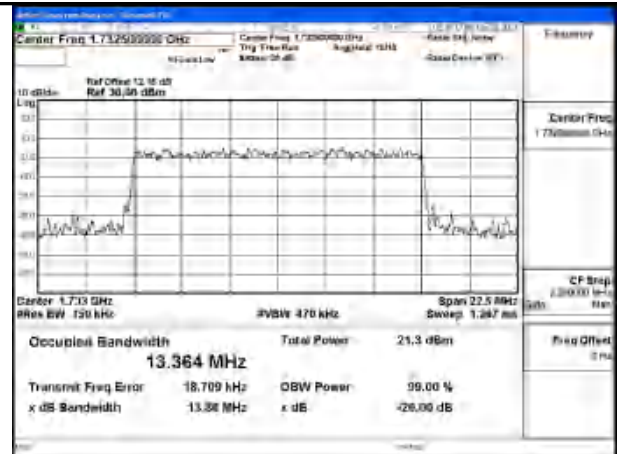


Fig.50

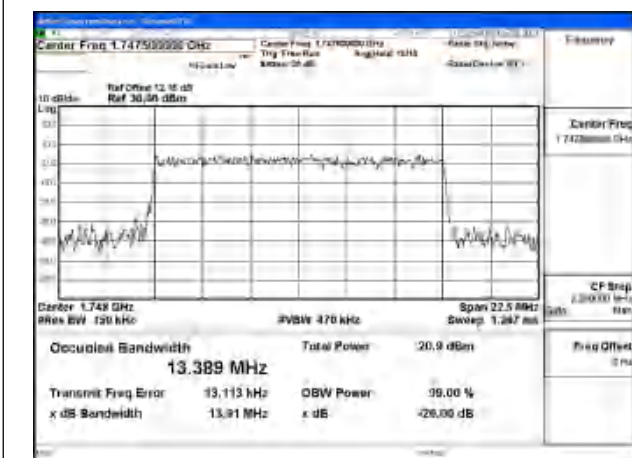


Fig.51

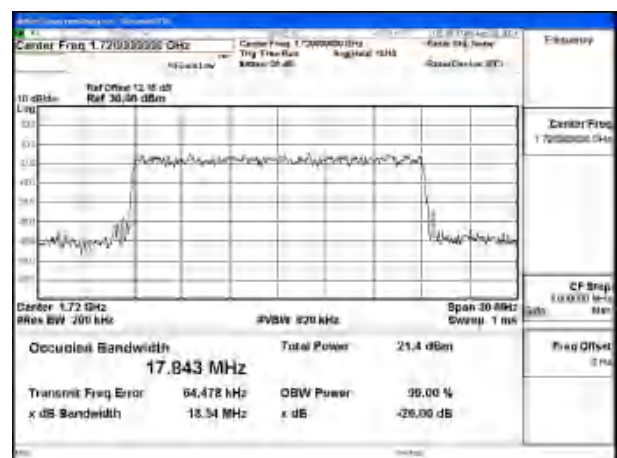


Fig.52

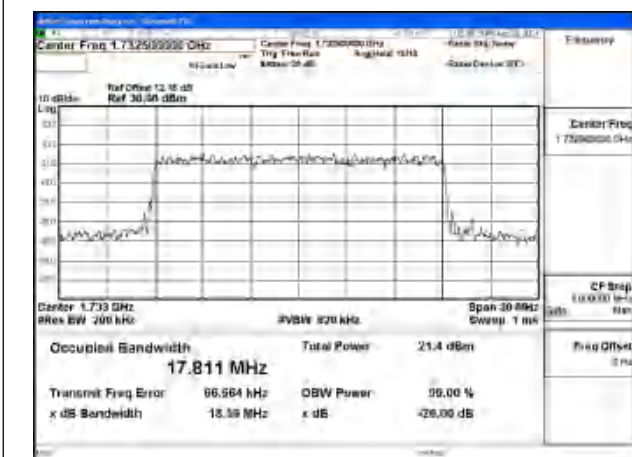


Fig.53

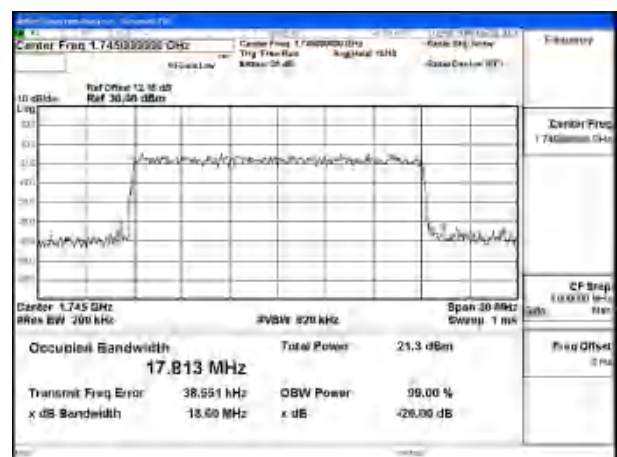


Fig.54



4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
4	1710.7	19957	1.4	1	5	Fig.1	Fig.2	Fig.3
4	1710.7	19957	1.4	6	0	Fig.4	Fig.5	Fig.6
4	1732.5	20175	1.4	1	5	Fig.7	Fig.8	Fig.9
4	1732.5	20175	1.4	6	0	Fig.10	Fig.11	Fig.12
4	1754.3	20393	1.4	1	5	Fig.13	Fig.14	Fig.15
4	1754.3	20393	1.4	6	0	Fig.16	Fig.17	Fig.18
4	1711.5	19965	3	1	14	Fig.19	Fig.20	Fig.21
4	1711.5	19965	3	15	0	Fig.22	Fig.23	Fig.24
4	1732.5	20175	3	1	14	Fig.25	Fig.26	Fig.27
4	1732.5	20175	3	15	0	Fig.28	Fig.29	Fig.30
4	1753.5	20385	3	1	14	Fig.31	Fig.32	Fig.33
4	1753.5	20385	3	15	0	Fig.34	Fig.35	Fig.36
4	1712.5	19975	5	1	24	Fig.37	Fig.38	Fig.39
4	1712.5	19975	5	25	0	Fig.40	Fig.41	Fig.42
4	1732.5	20175	5	1	24	Fig.43	Fig.44	Fig.45
4	1732.5	20175	5	25	0	Fig.46	Fig.47	Fig.48
4	1752.5	20375	5	1	24	Fig.49	Fig.50	Fig.51
4	1752.5	20375	5	25	0	Fig.52	Fig.53	Fig.54
4	1715	20000	10	1	49	Fig.55	Fig.56	Fig.57
4	1715	20000	10	50	0	Fig.58	Fig.59	Fig.60
4	1732.5	20175	10	1	49	Fig.61	Fig.62	Fig.63
4	1732.5	20175	10	50	0	Fig.64	Fig.65	Fig.66
4	1750	20350	10	1	49	Fig.67	Fig.68	Fig.69
4	1750	20350	10	50	0	Fig.70	Fig.71	Fig.72
4	1717.5	20025	15	1	74	Fig.73	Fig.74	Fig.75
4	1717.5	20025	15	75	0	Fig.76	Fig.77	Fig.78
4	1732.5	20175	15	1	74	Fig.79	Fig.80	Fig.81
4	1732.5	20175	15	75	0	Fig.82	Fig.83	Fig.84
4	1747.5	20325	15	1	74	Fig.85	Fig.86	Fig.87
4	1747.5	20325	15	75	0	Fig.88	Fig.89	Fig.90
4	1720	20050	20	1	99	Fig.91	Fig.92	Fig.93
4	1720	20050	20	100	0	Fig.94	Fig.95	Fig.96
4	1732.5	20175	20	1	99	Fig.97	Fig.98	Fig.99
4	1732.5	20175	20	100	0	Fig.100	Fig.101	Fig.102
4	1745	20300	20	1	99	Fig.103	Fig.104	Fig.105
4	1745	20300	20	100	0	Fig.106	Fig.107	Fig.108

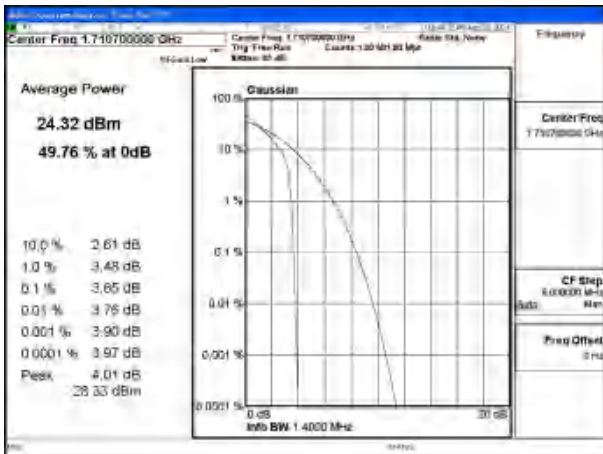


Fig.1

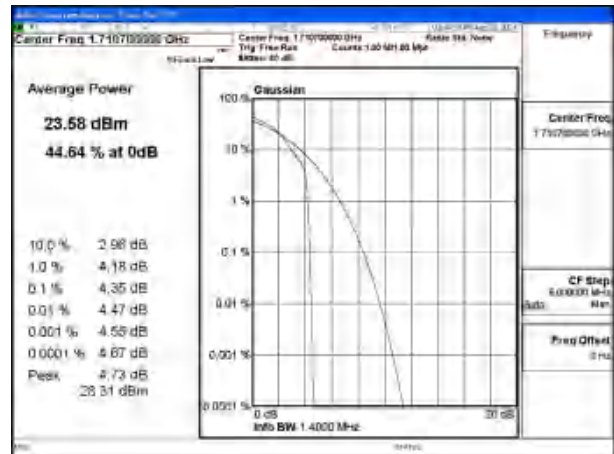


Fig.2

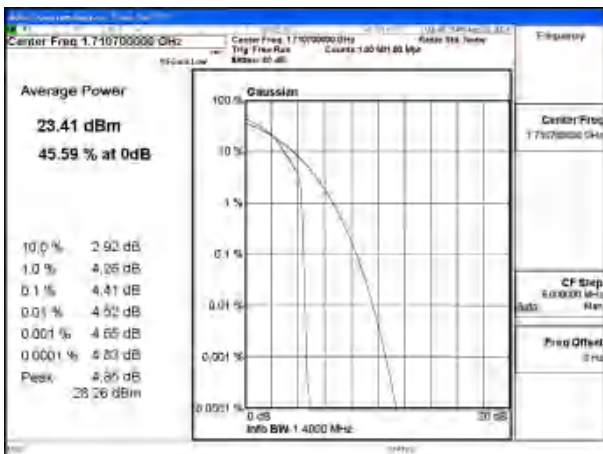


Fig.3

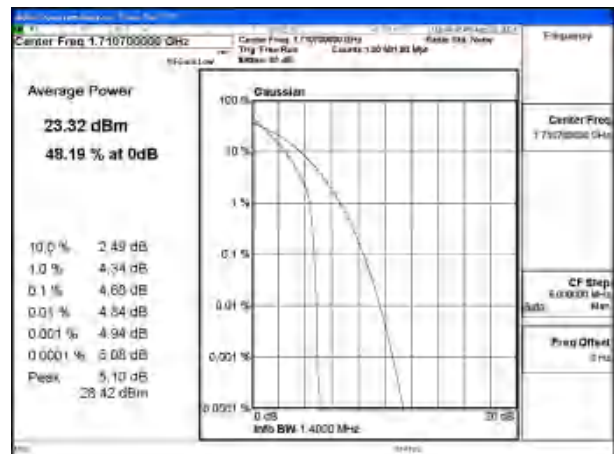


Fig.4

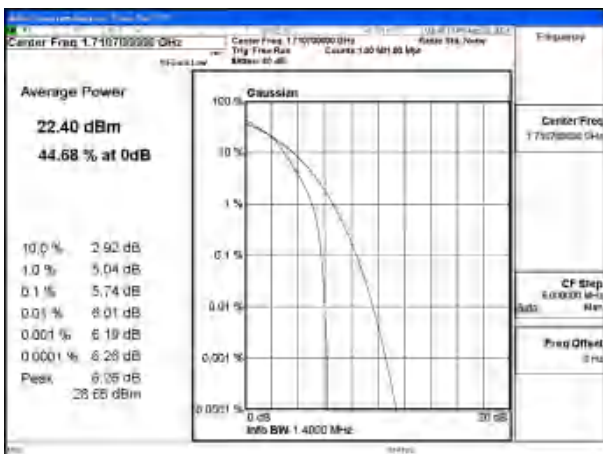


Fig.5

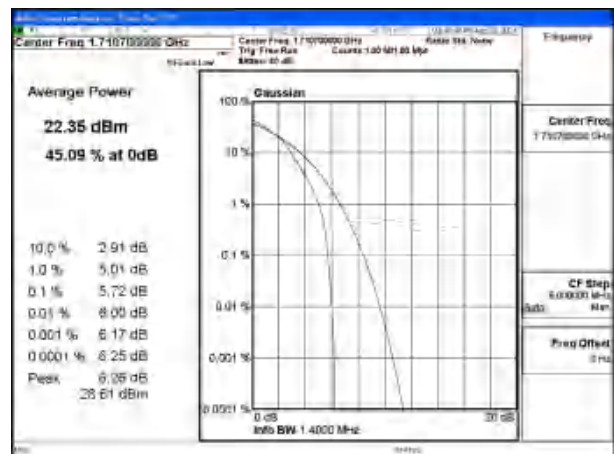


Fig.6

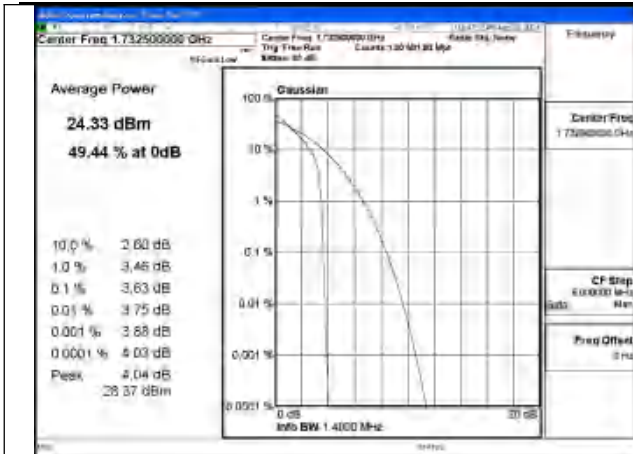


Fig.7

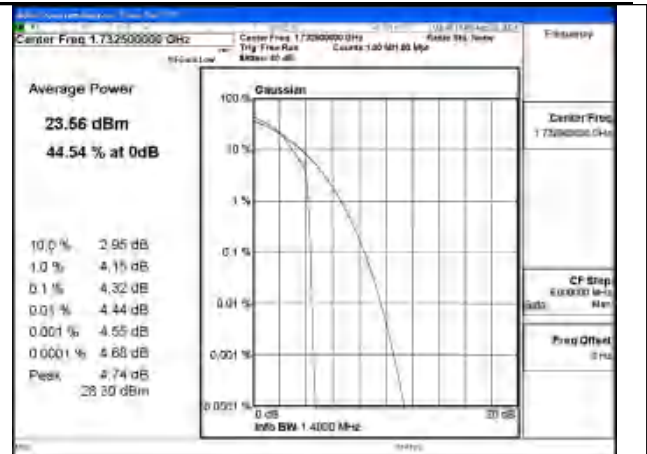


Fig.8

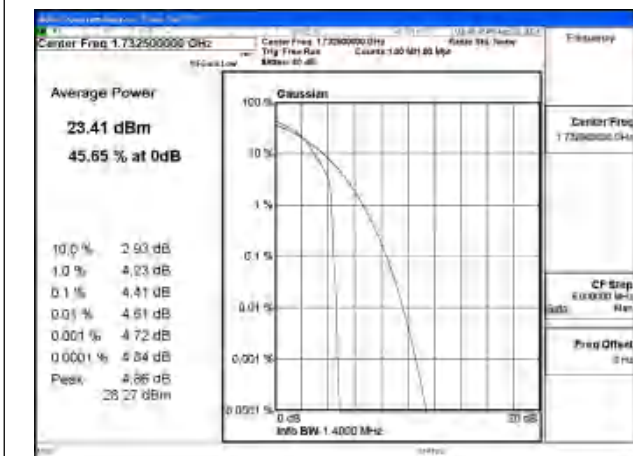


Fig.9

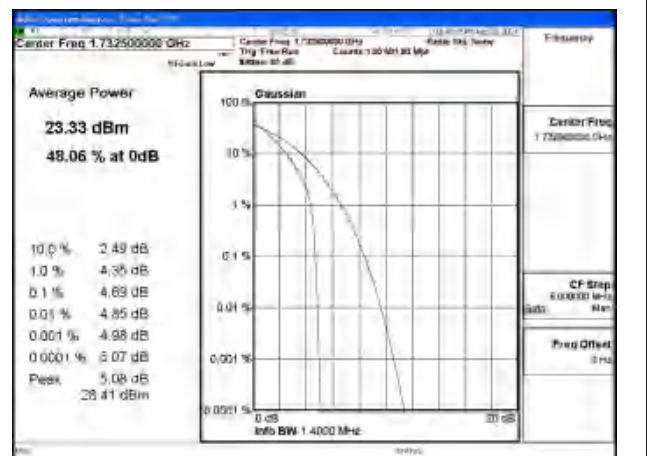


Fig.10

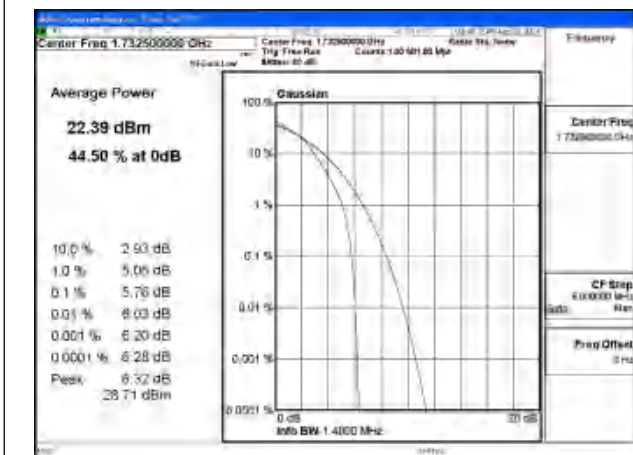


Fig.11

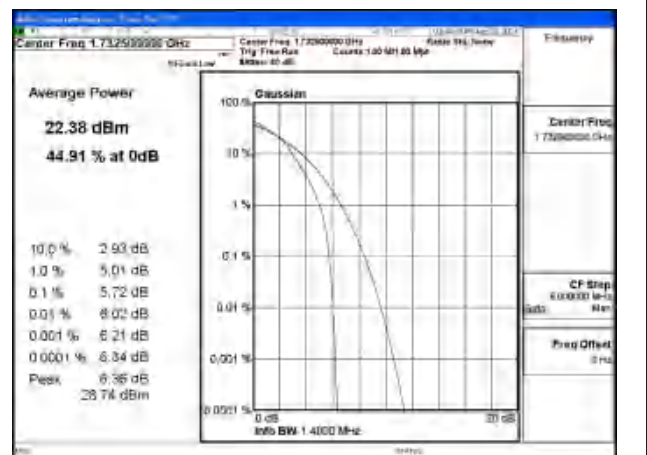


Fig.12

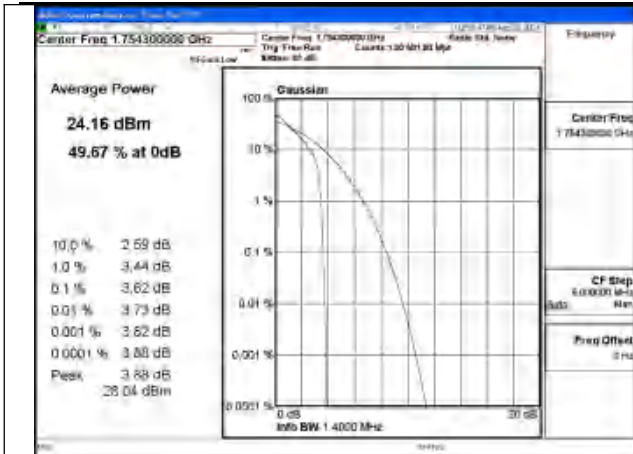


Fig.13

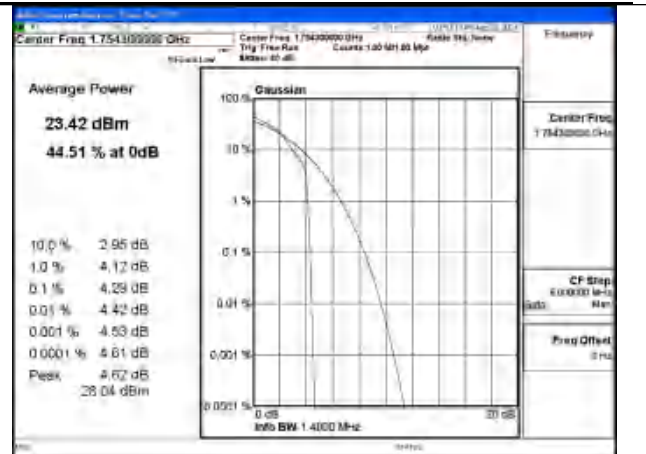


Fig.14

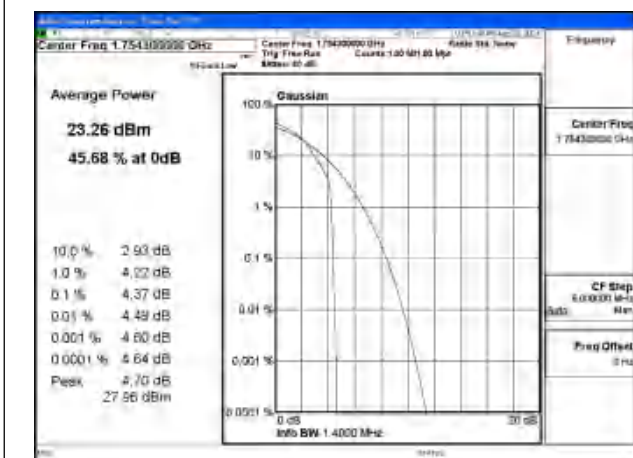


Fig.15

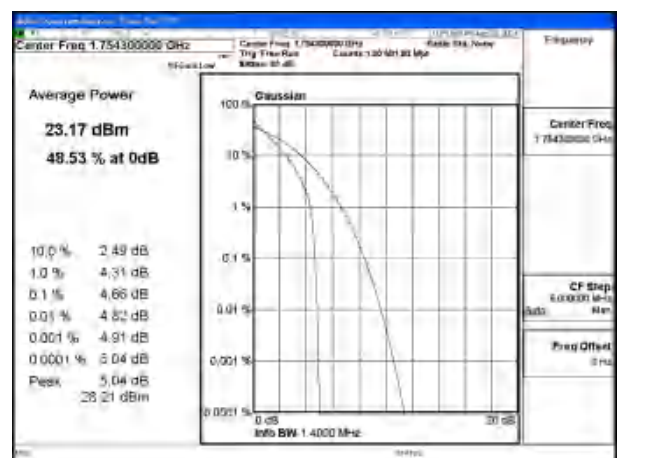


Fig.16

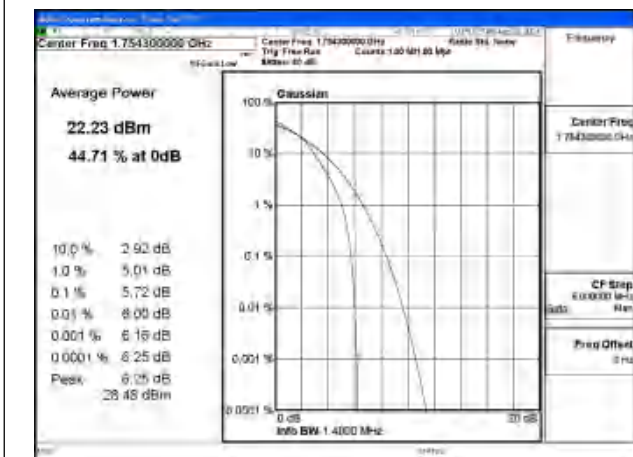


Fig.17

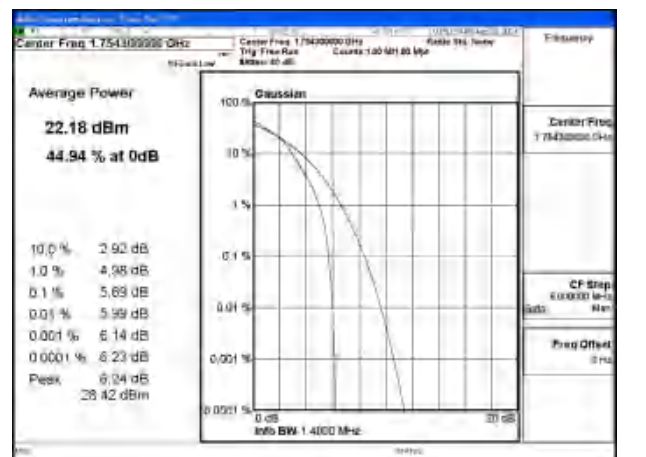


Fig.18

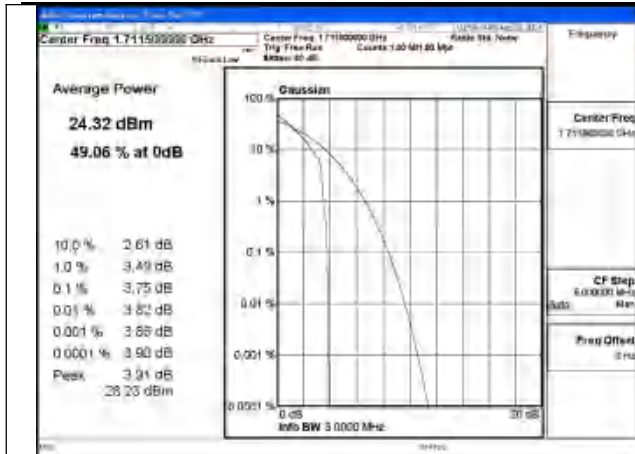


Fig.19

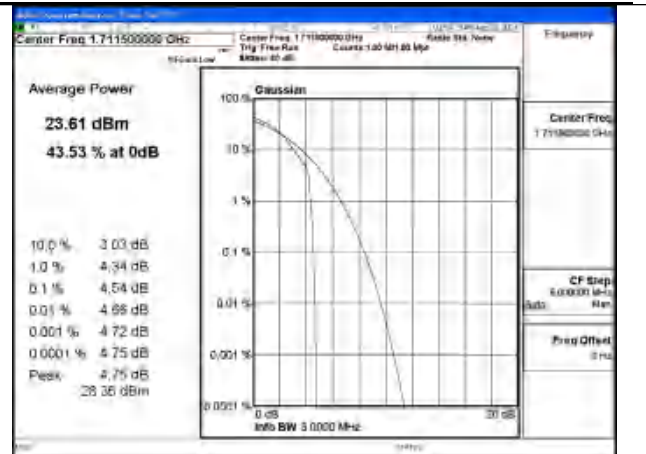


Fig.20

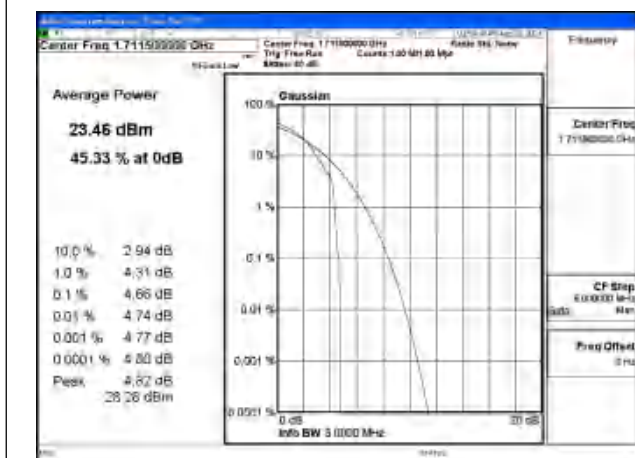


Fig.21

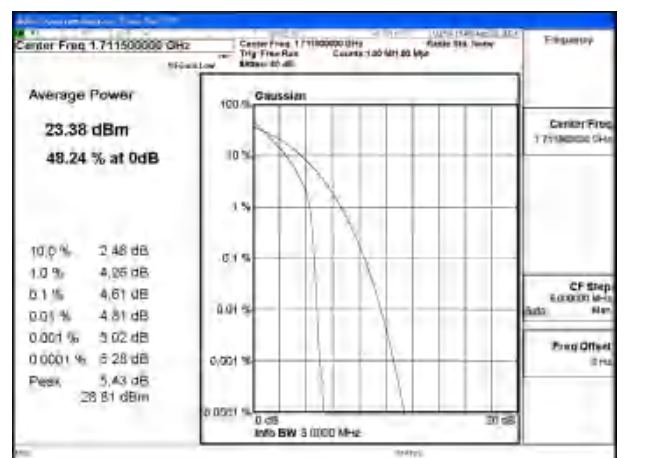


Fig.22

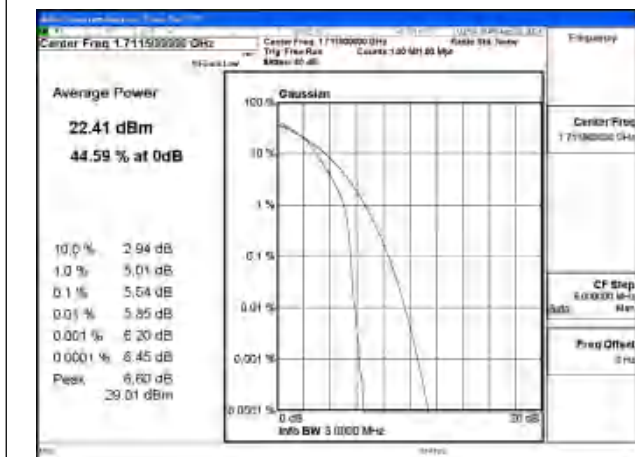


Fig.23

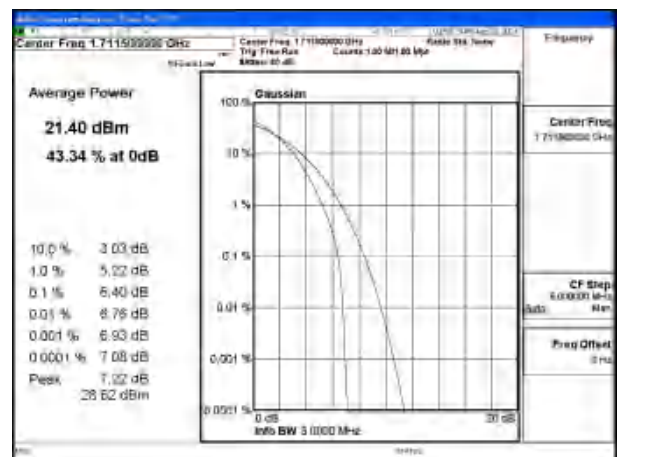


Fig.24

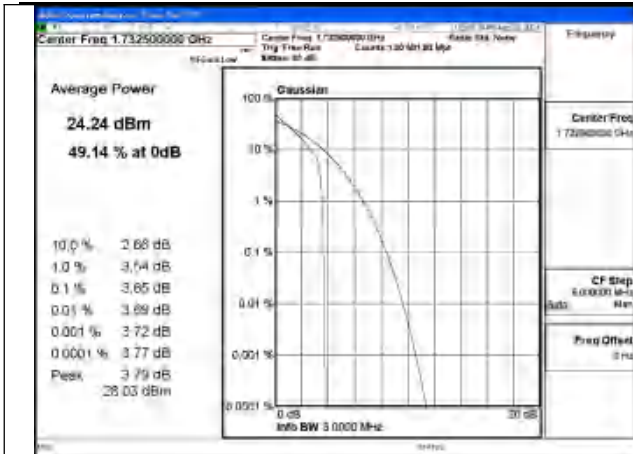


Fig.25

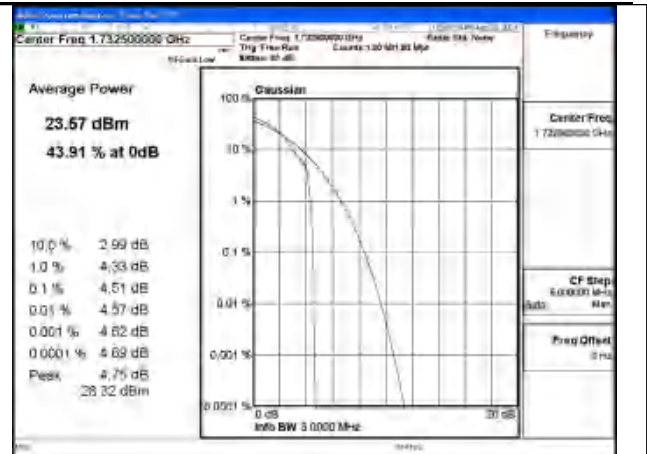


Fig.26

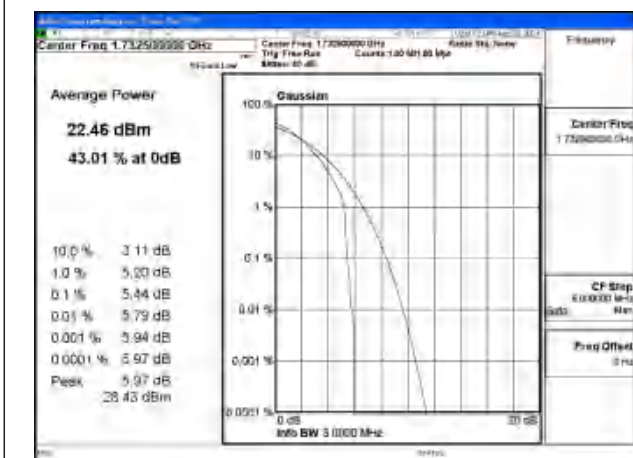


Fig.27

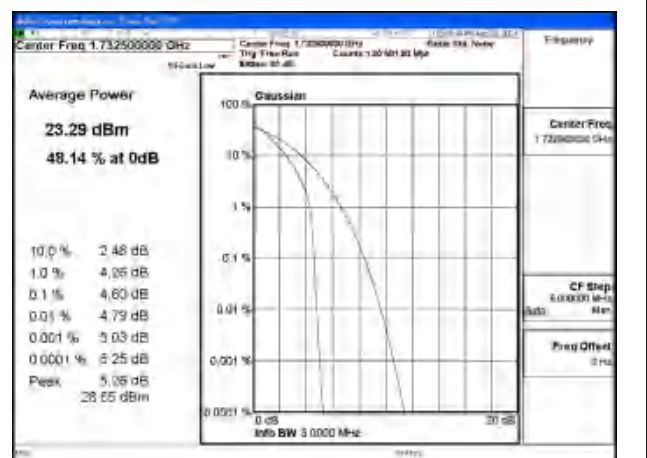


Fig.28

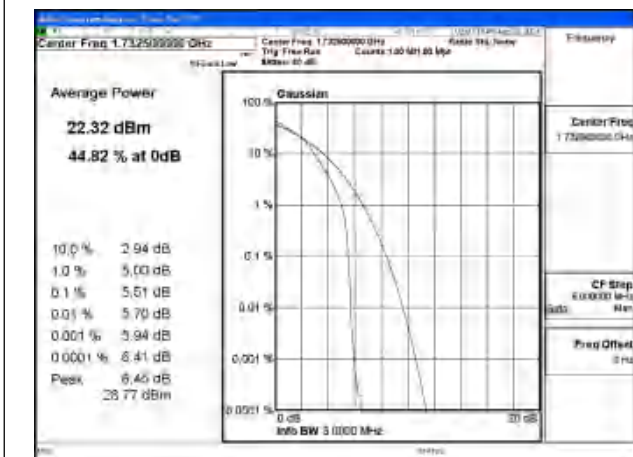


Fig.29

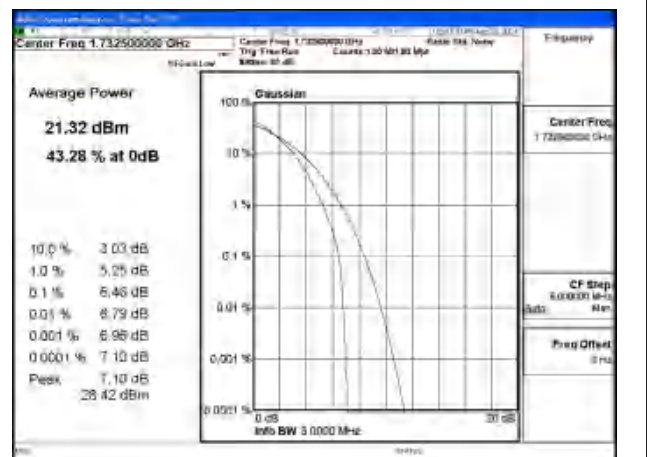


Fig.30

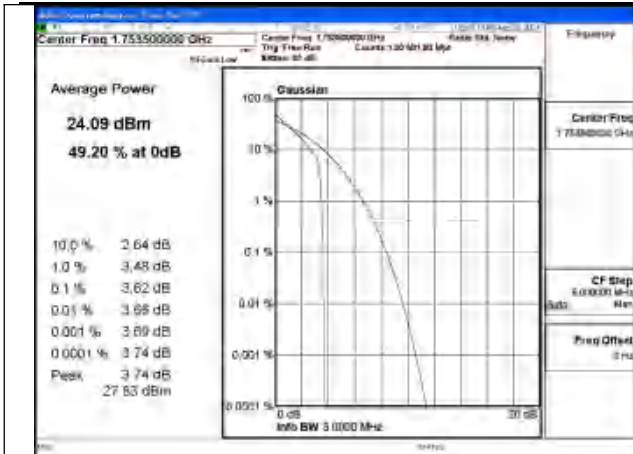


Fig.31

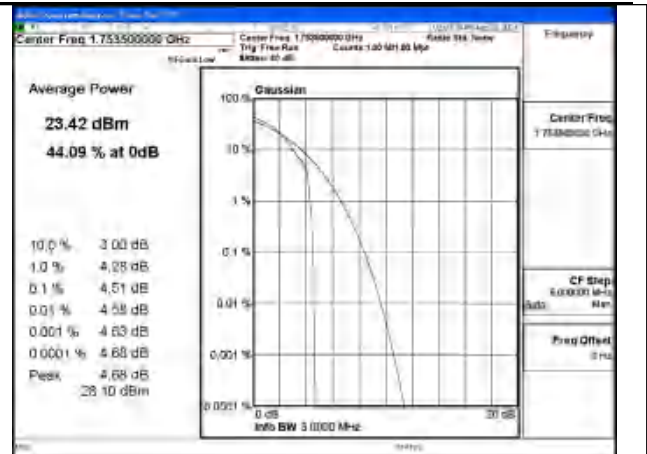


Fig.32

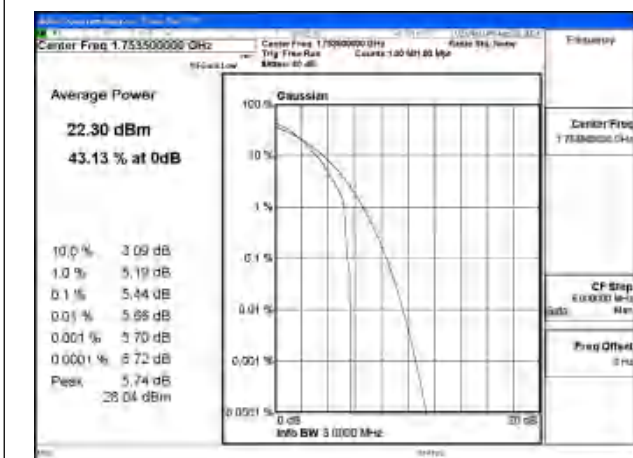


Fig.33

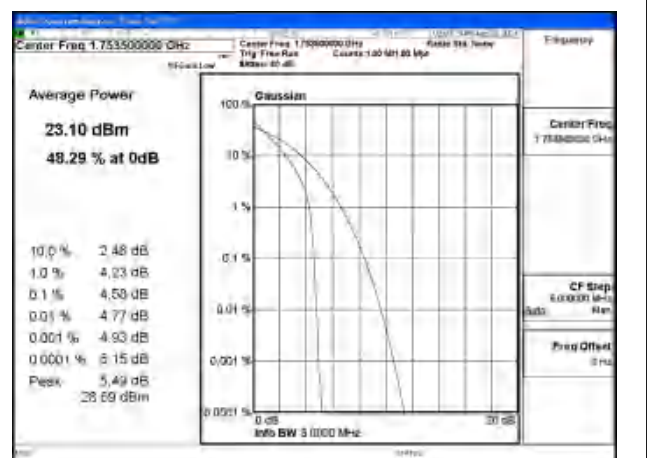


Fig.34

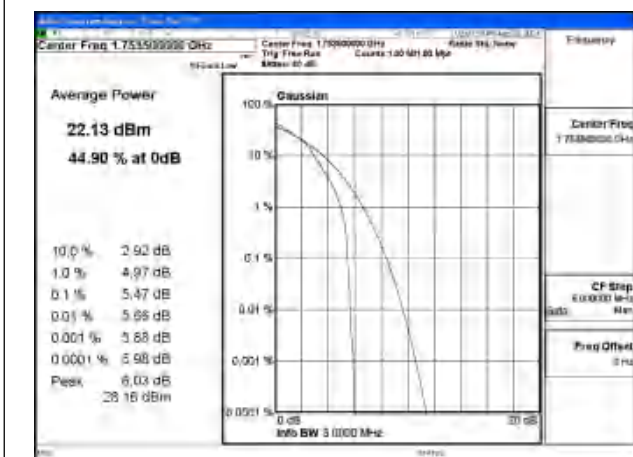


Fig.35

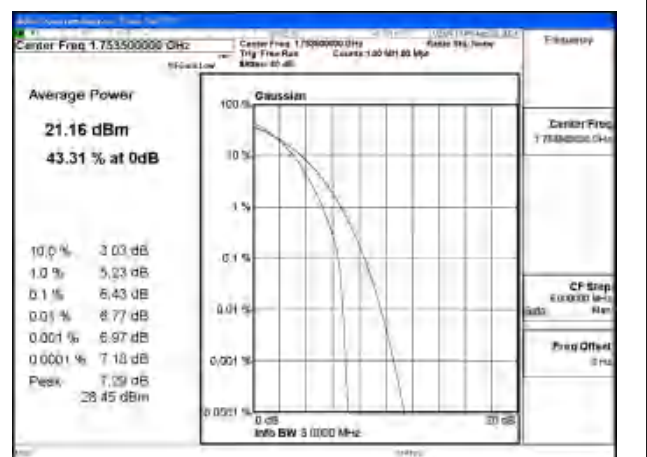


Fig.36

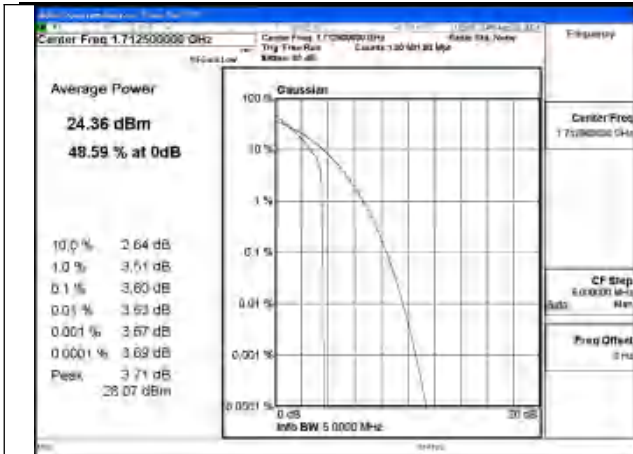


Fig.37

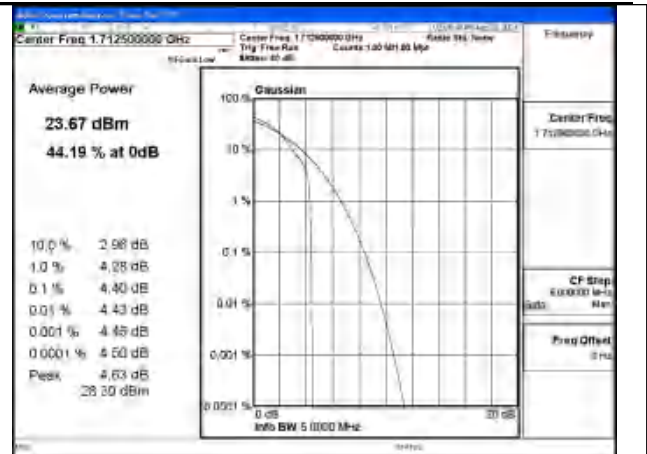


Fig.38

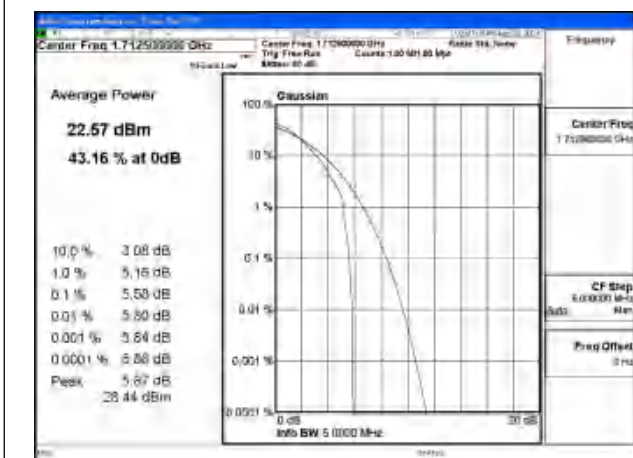


Fig.39

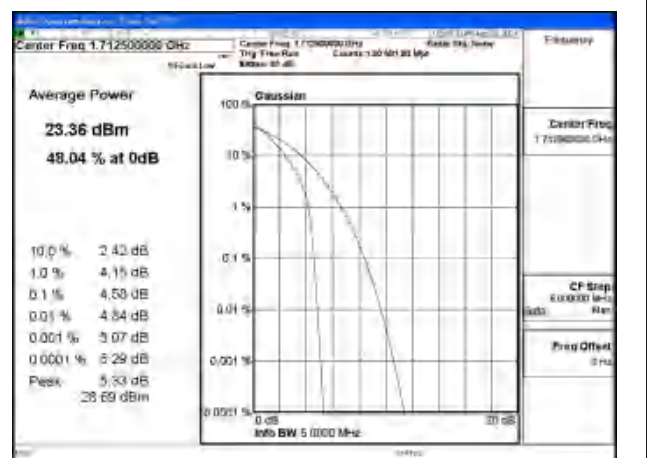


Fig.40

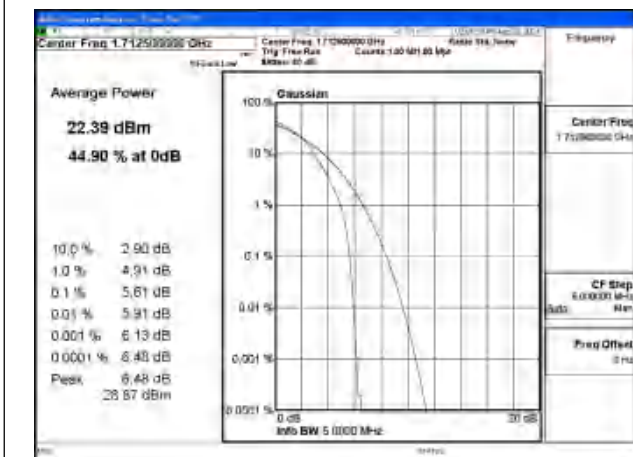


Fig.41

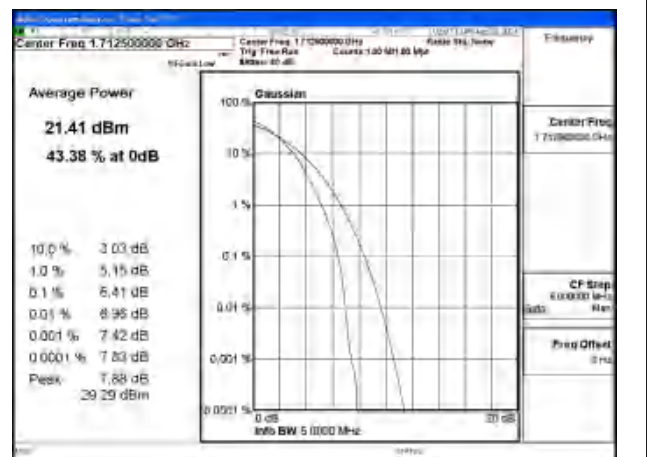


Fig.42

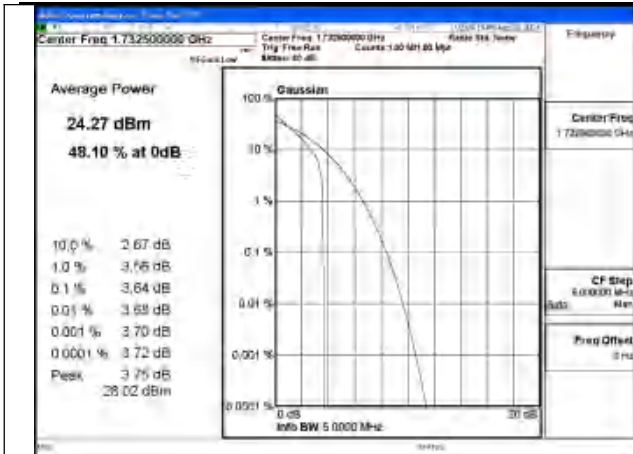


Fig.43

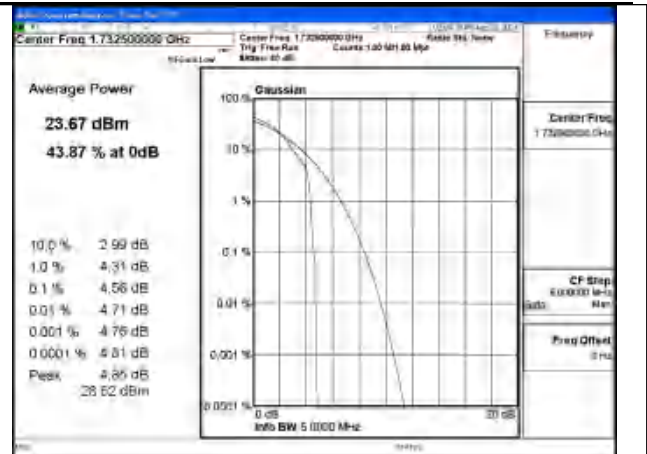


Fig.44

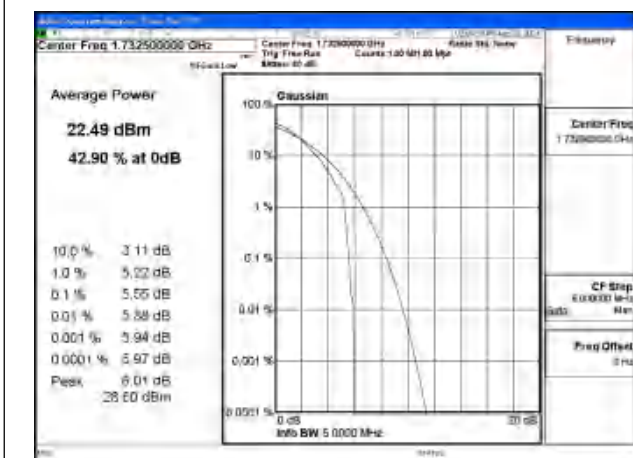


Fig.45

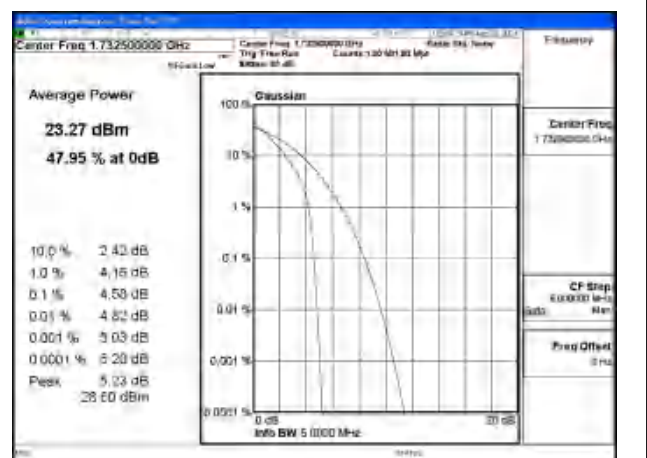


Fig.46

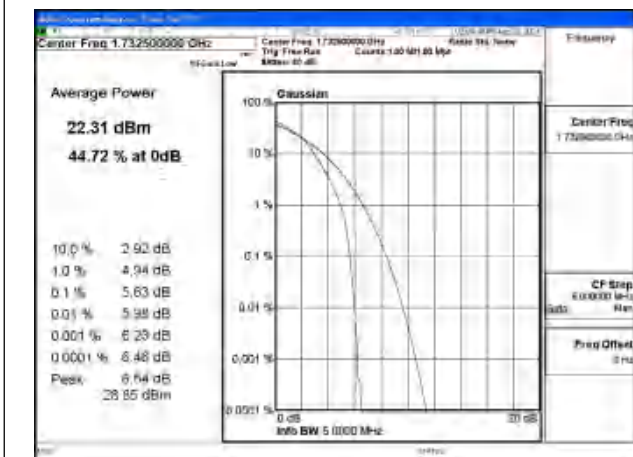


Fig.47

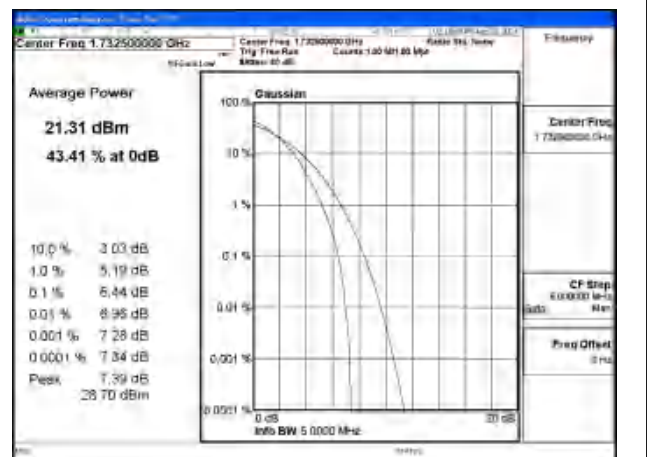


Fig.48

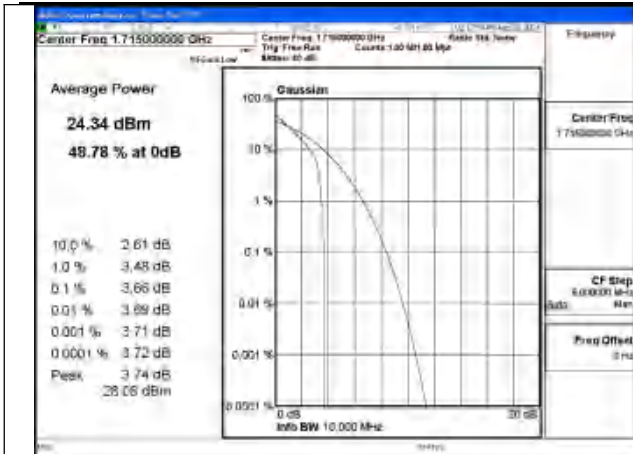


Fig.55

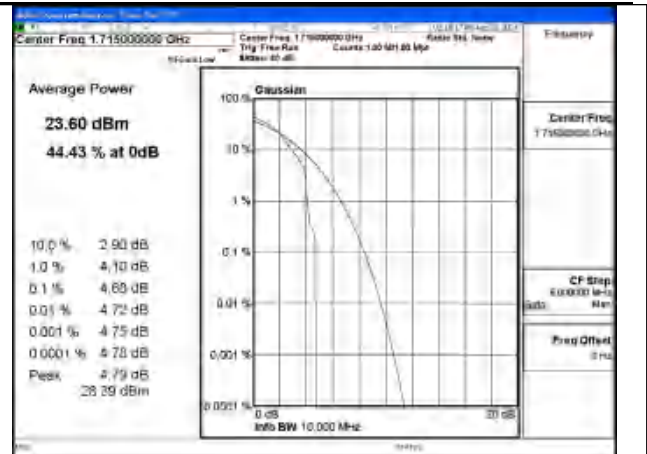


Fig.56

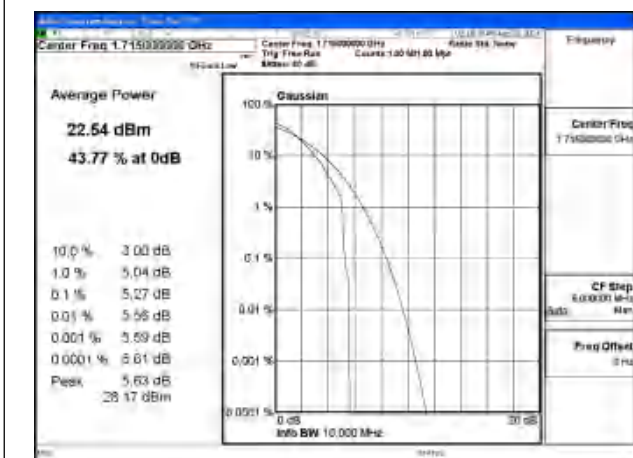


Fig.57

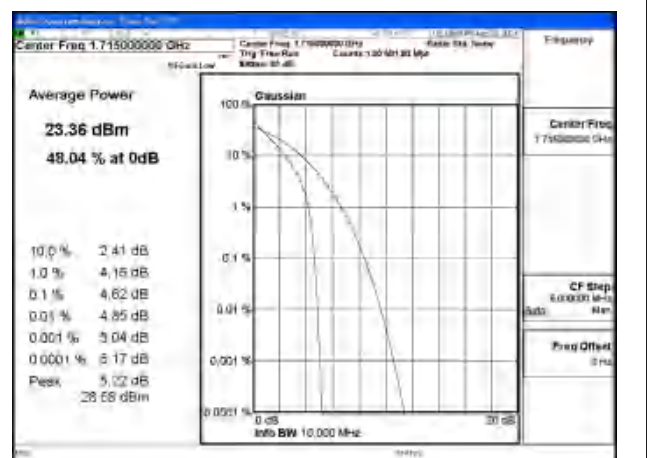


Fig.58

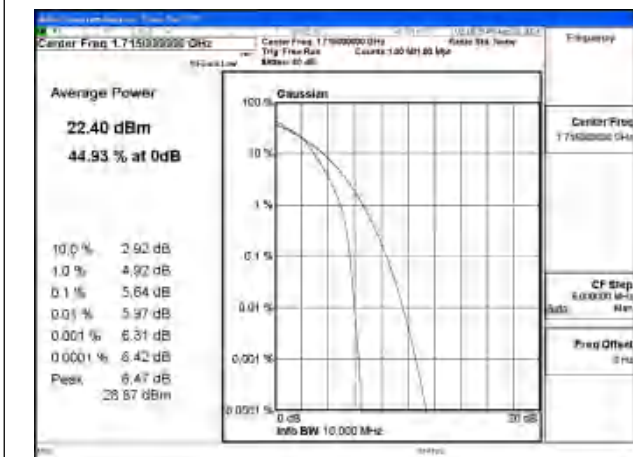


Fig.59

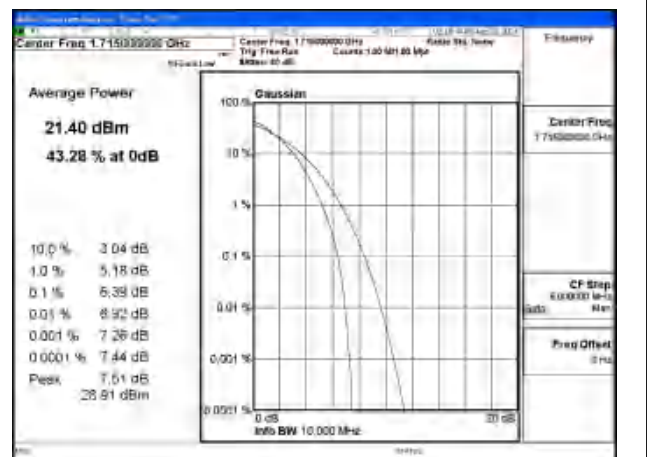


Fig.60

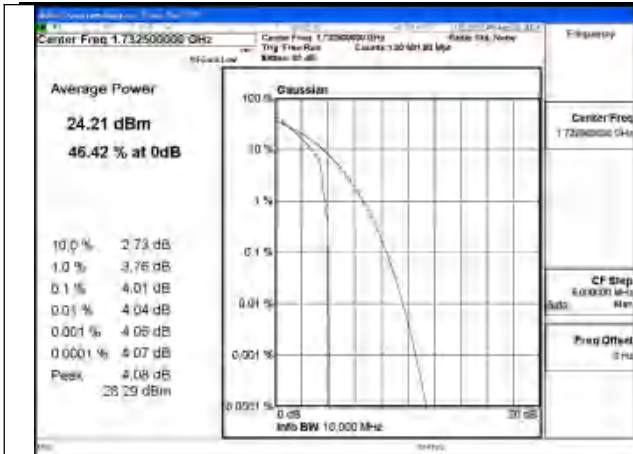


Fig.61

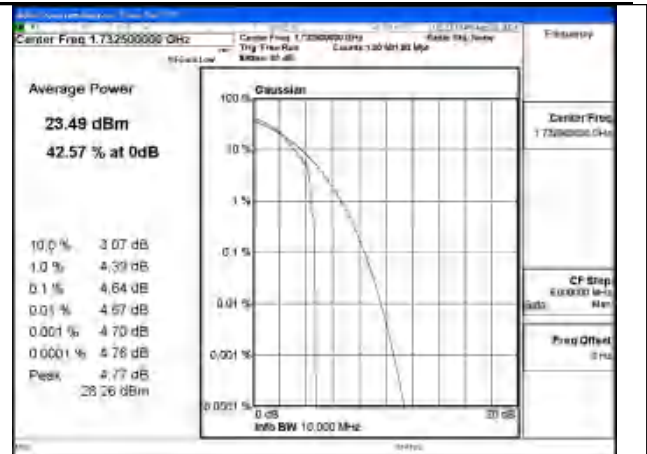


Fig.62

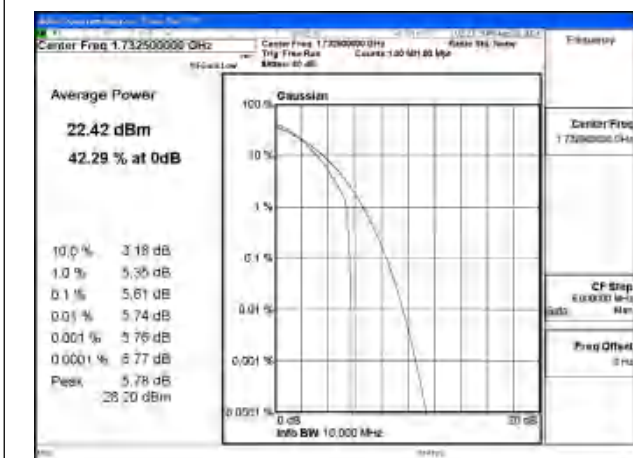


Fig.63

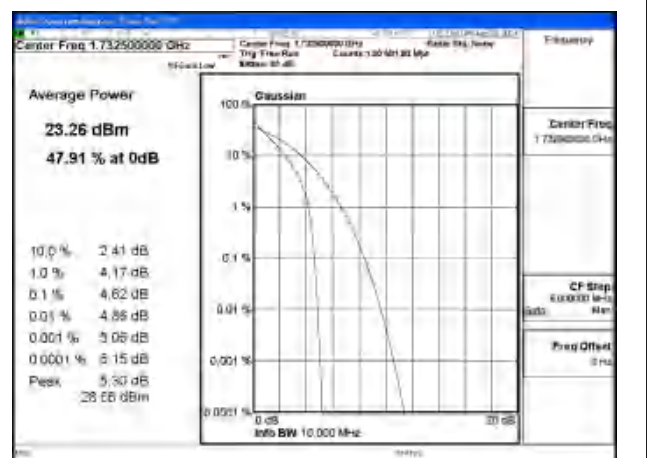


Fig.64

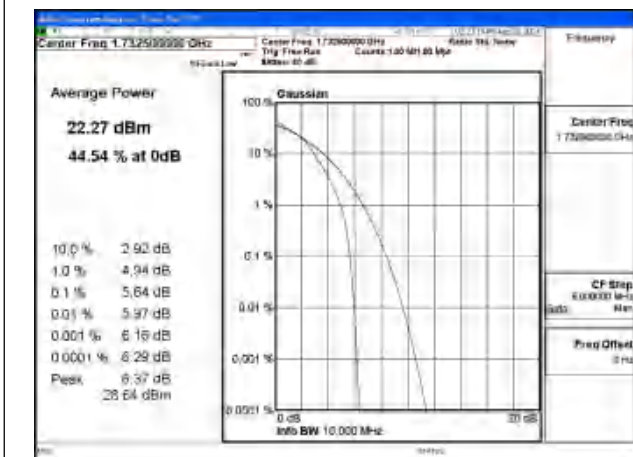


Fig.65

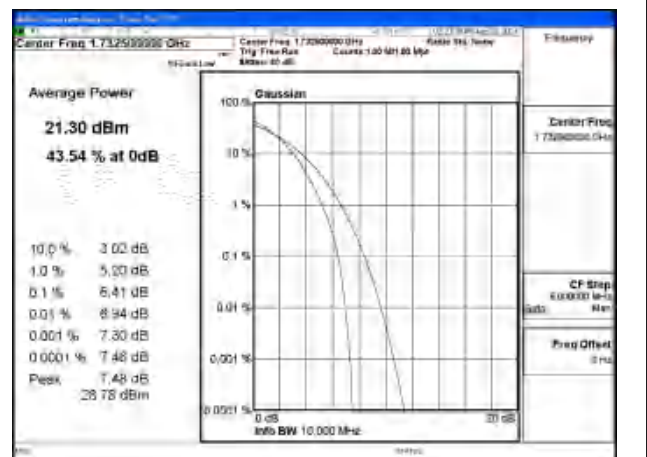


Fig.66

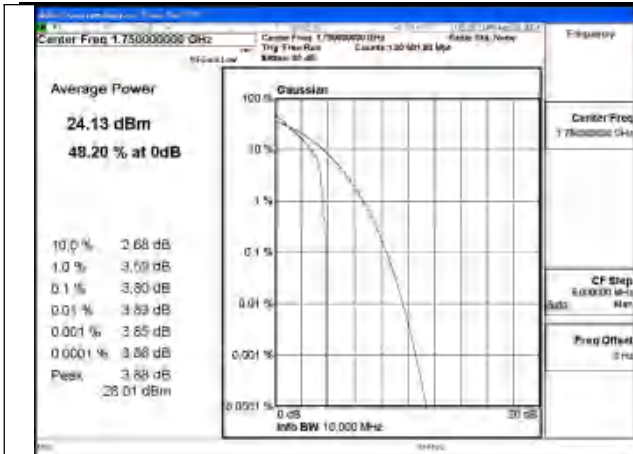


Fig.67

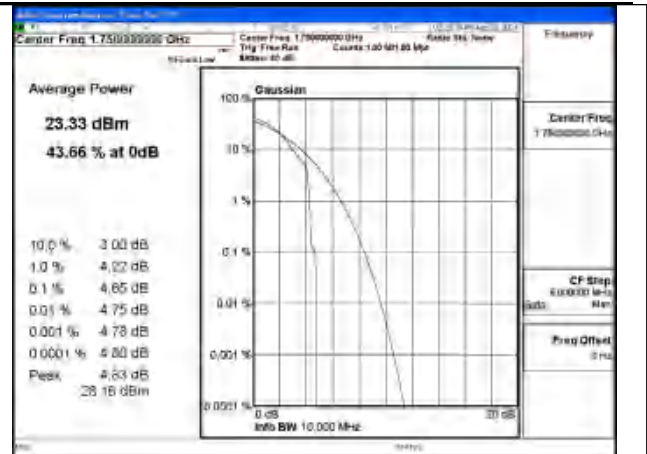


Fig.68

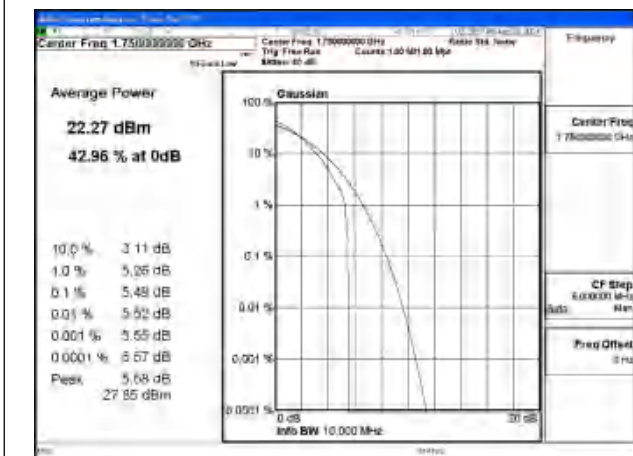


Fig.69

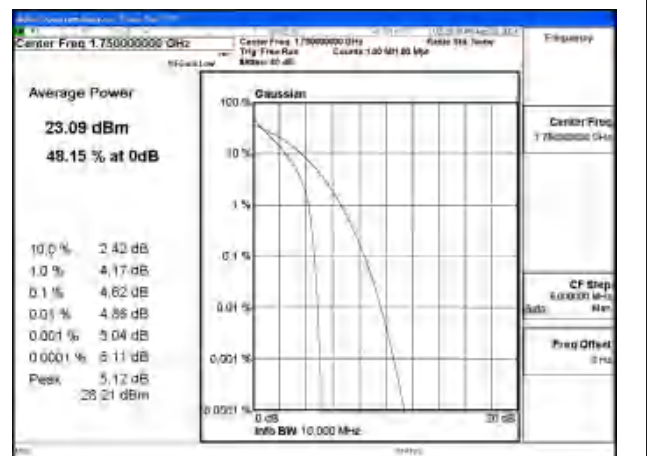


Fig.70

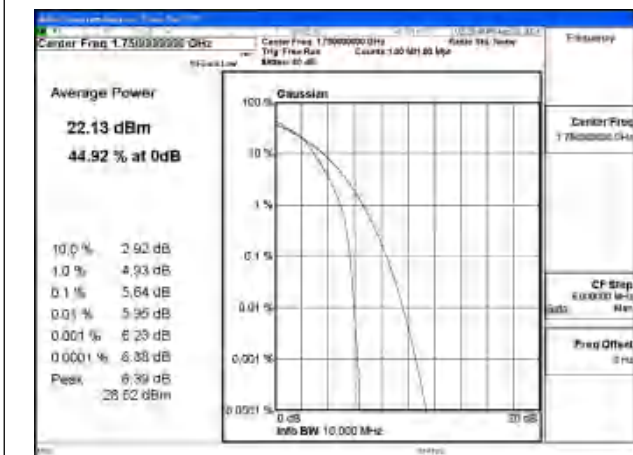


Fig.71

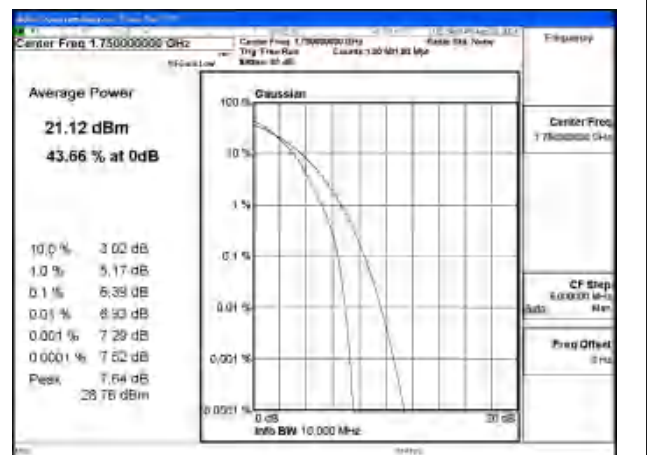


Fig.72

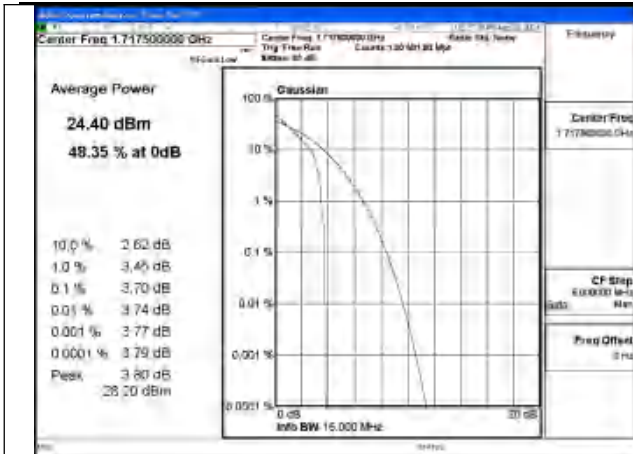


Fig.73

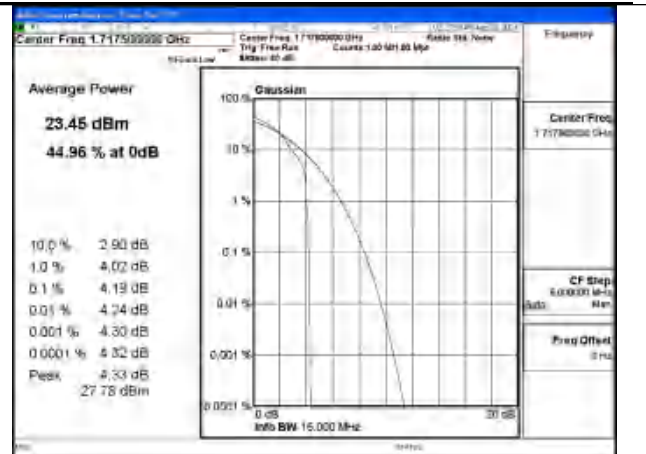


Fig.74

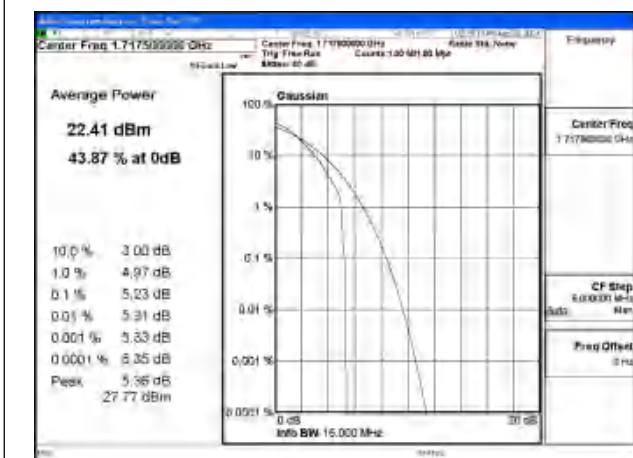


Fig.75

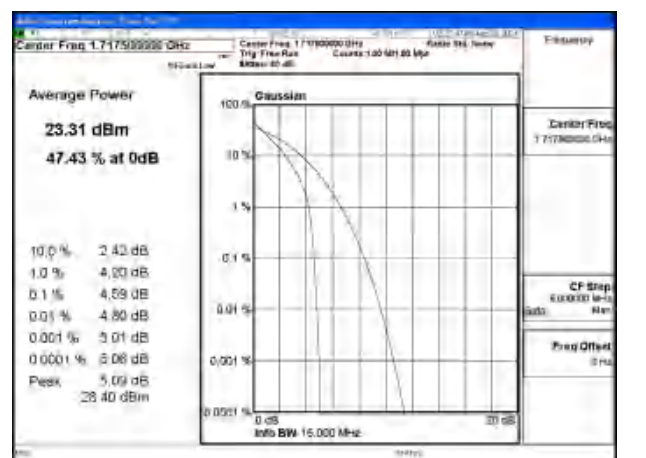


Fig.76

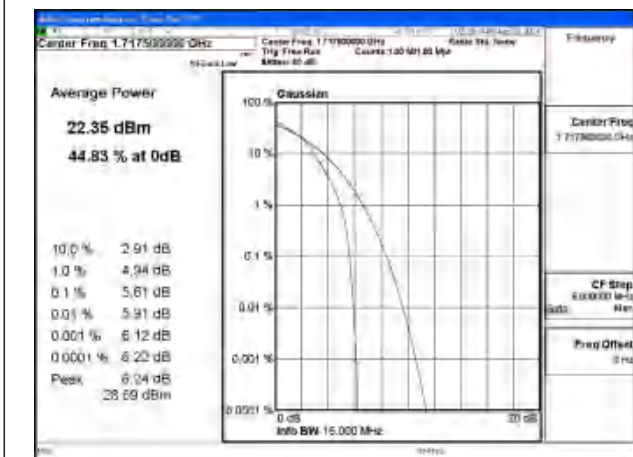


Fig.77

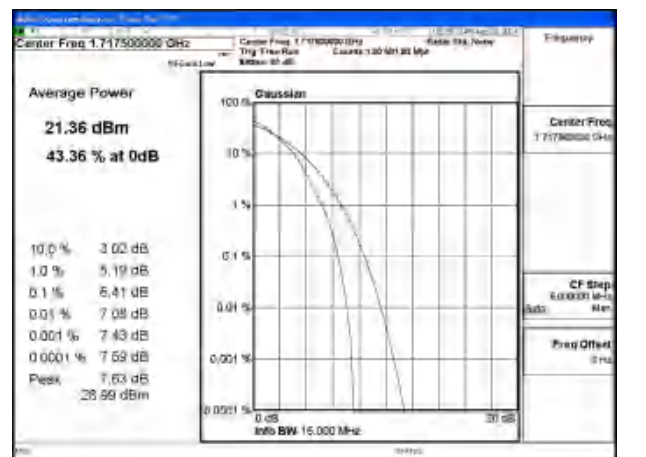


Fig.78

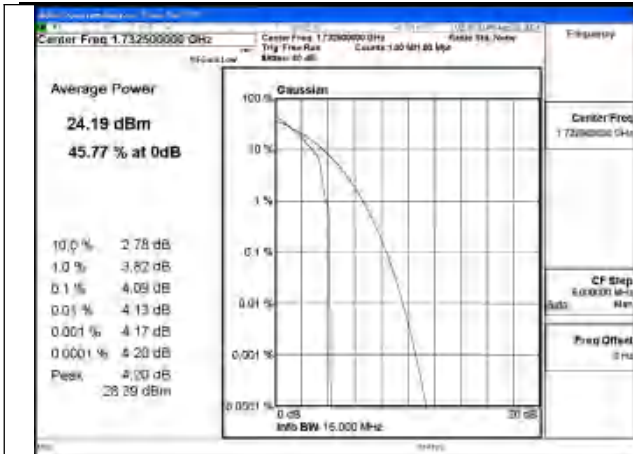


Fig.79

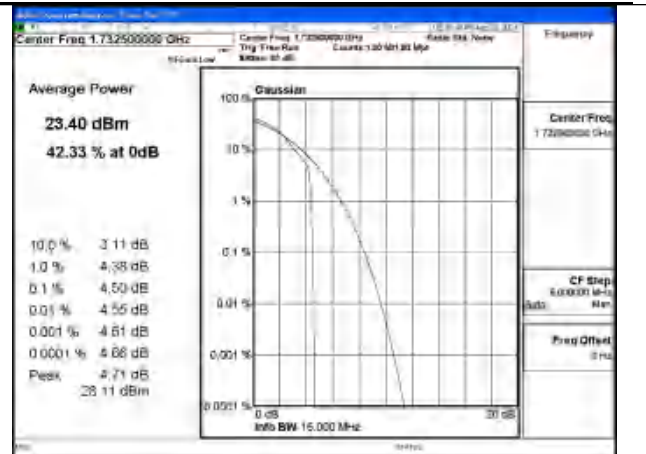


Fig.80

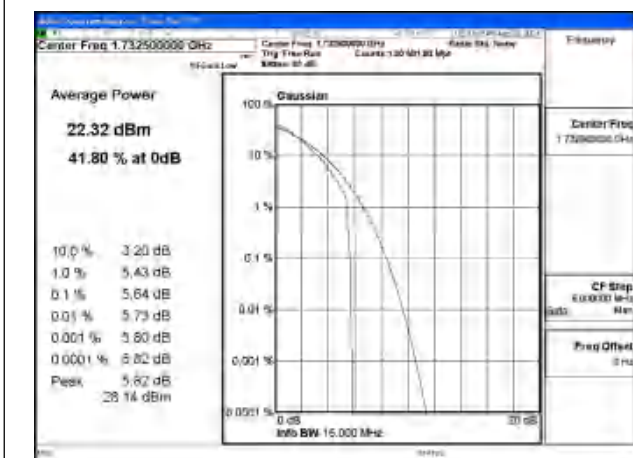


Fig.81

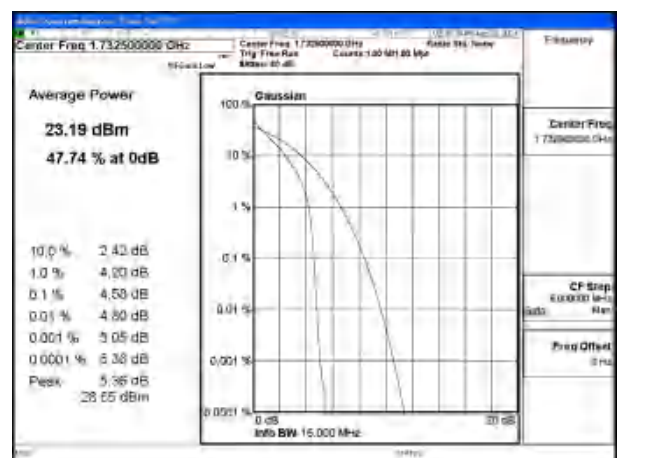


Fig.82

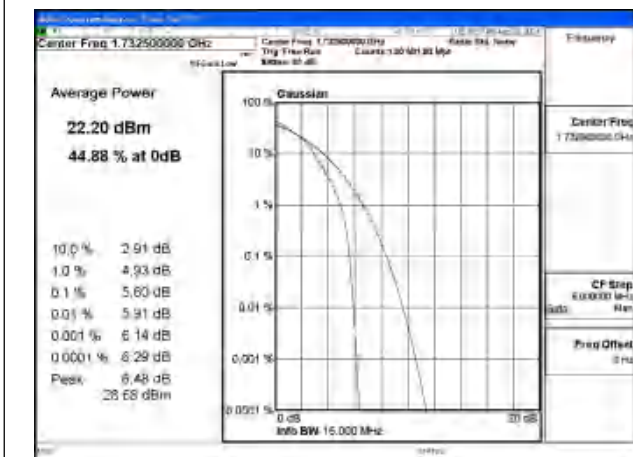


Fig.83

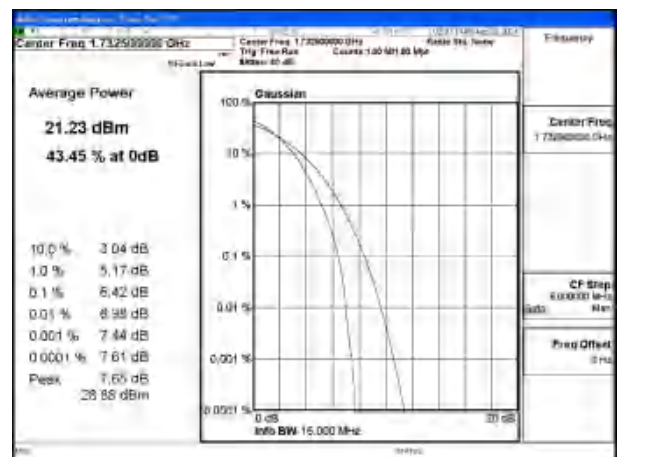


Fig.84

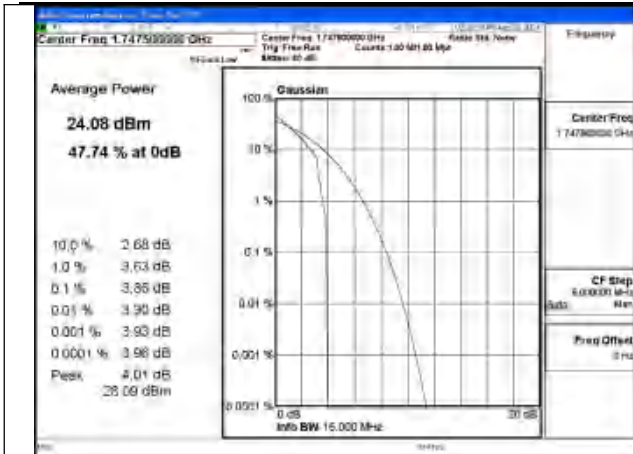


Fig.85

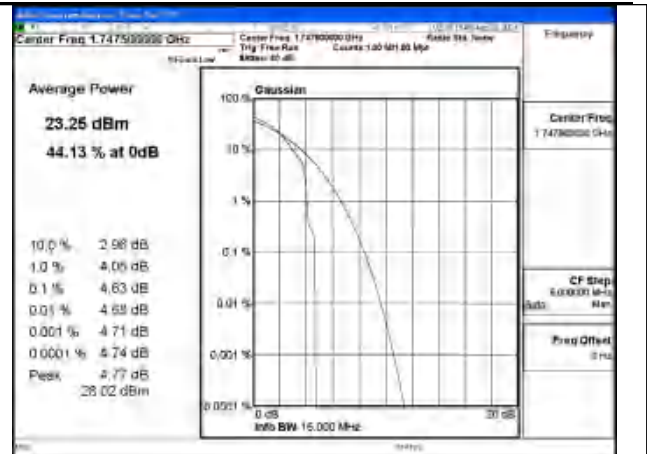


Fig.86

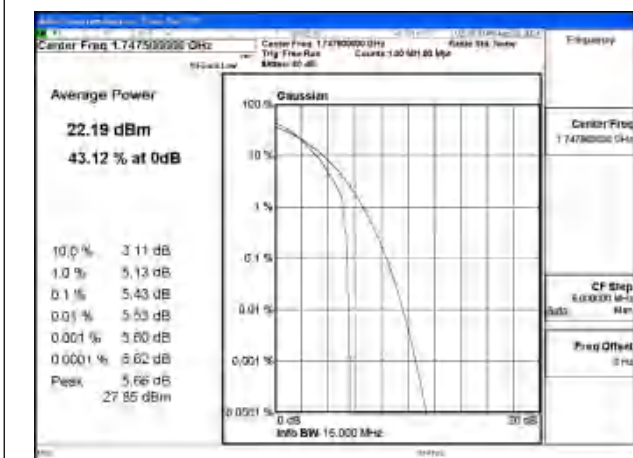


Fig.87

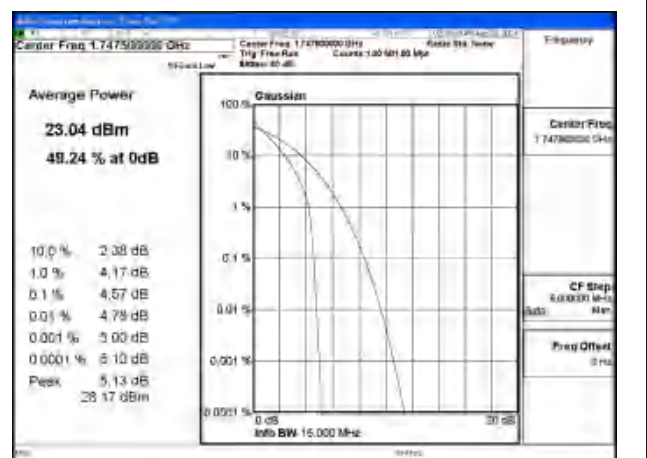


Fig.88

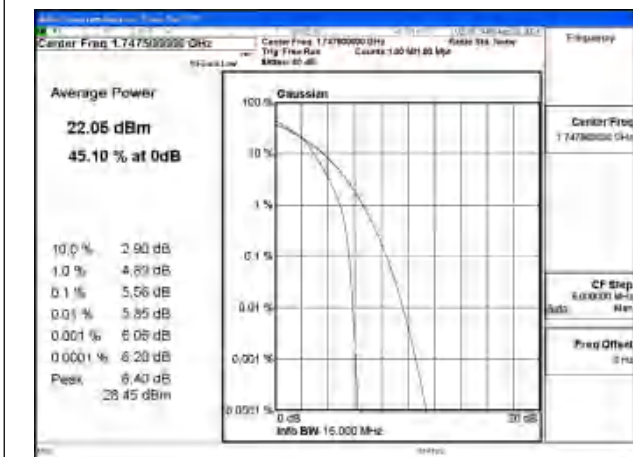


Fig.89

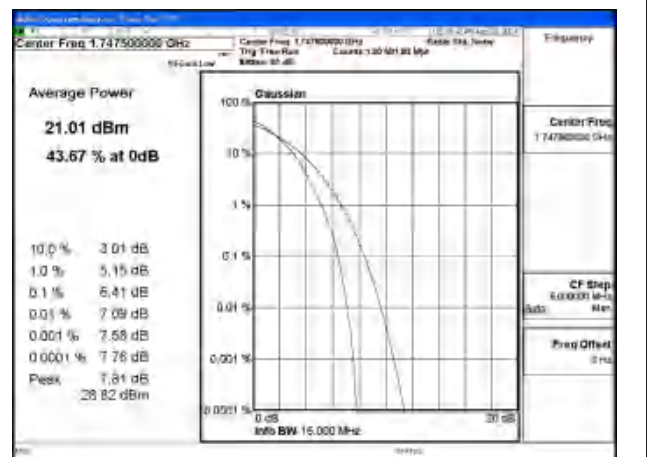


Fig.90

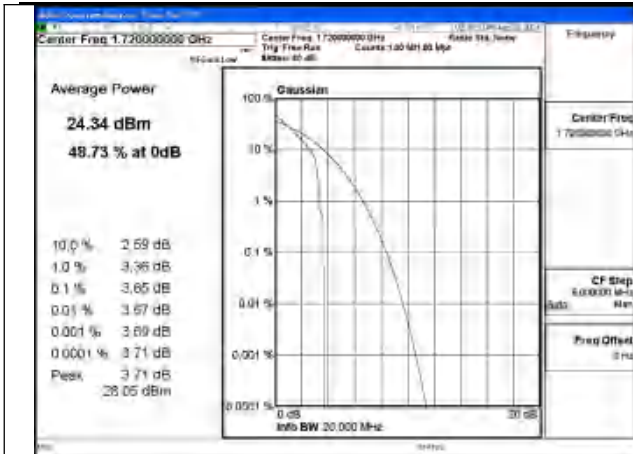


Fig.91

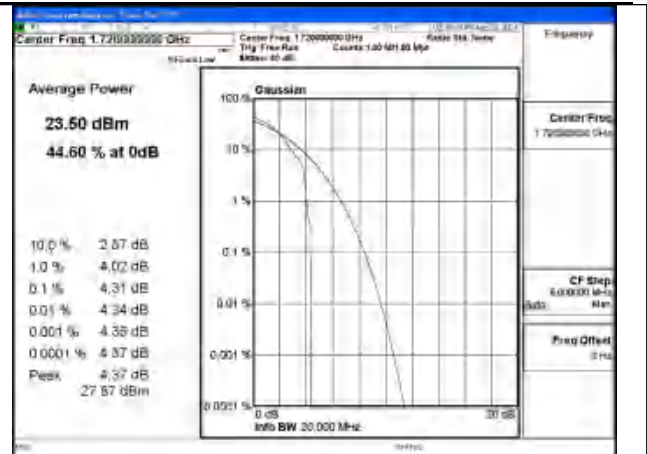


Fig.92

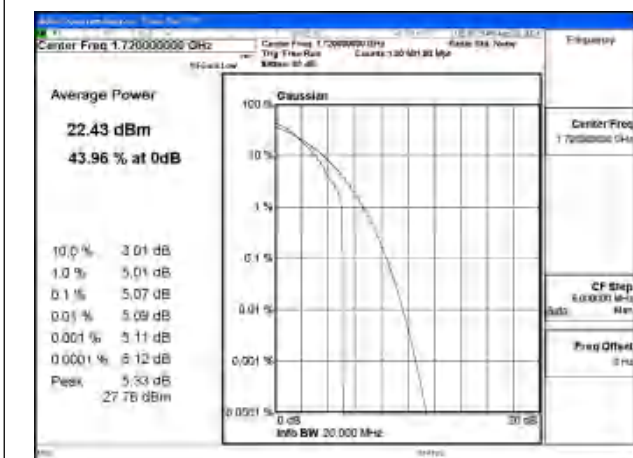


Fig.93

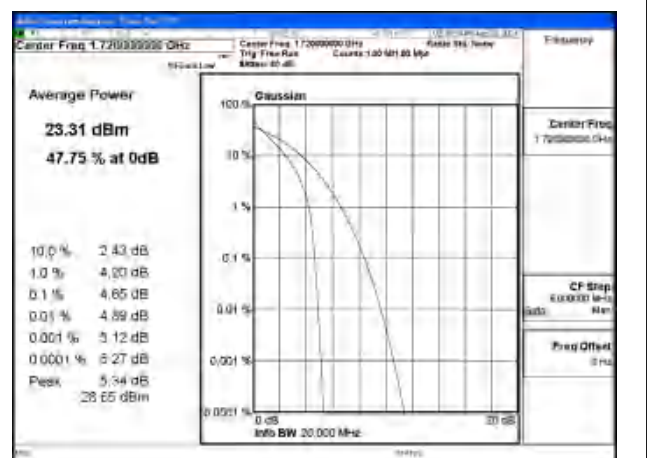


Fig.94

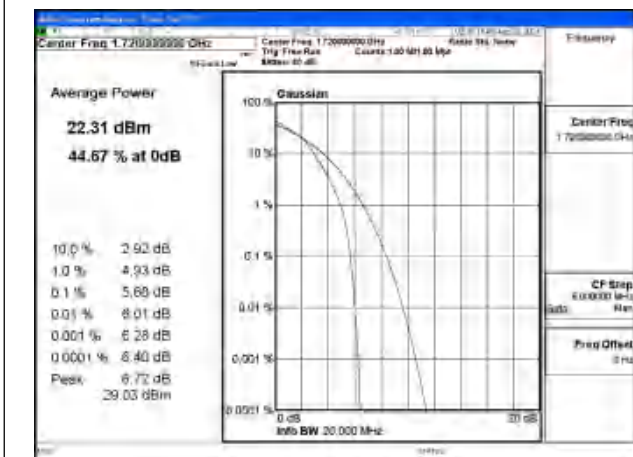


Fig.95

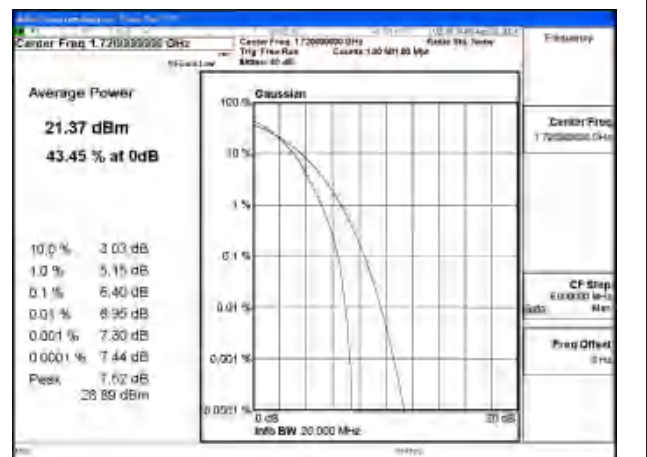


Fig.96

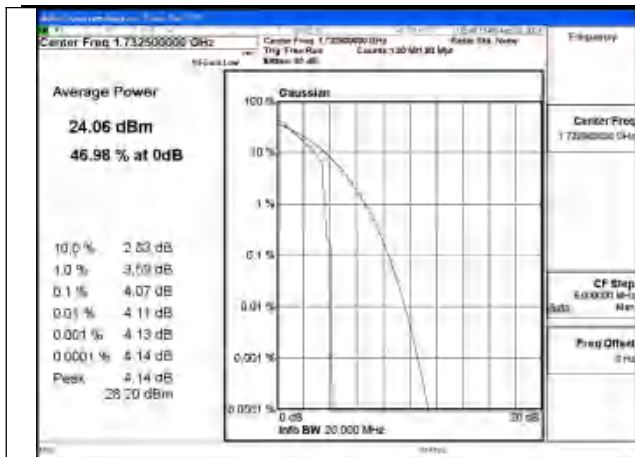


Fig.97

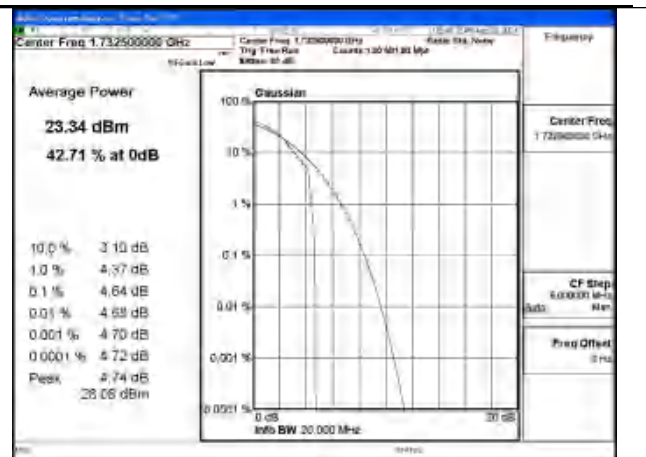


Fig.98

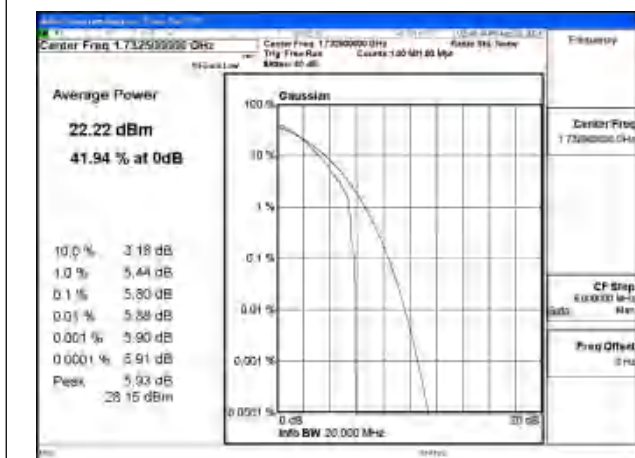


Fig.99

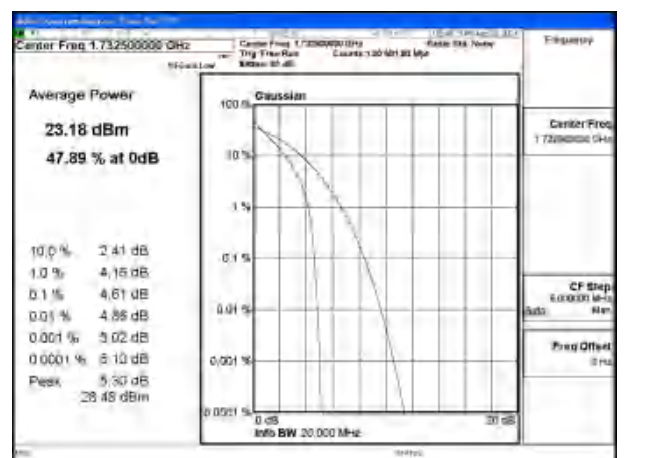


Fig.100

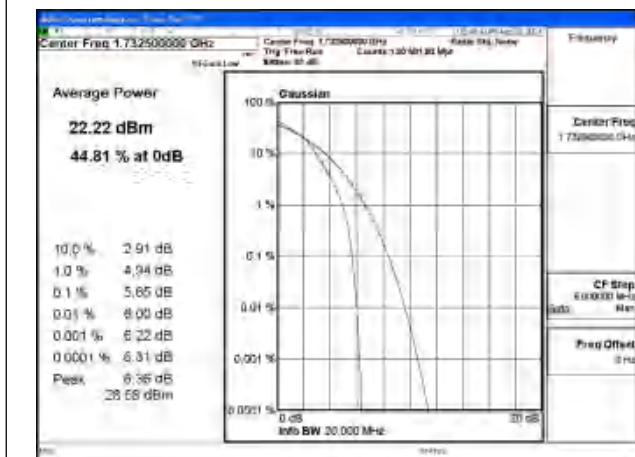


Fig.101

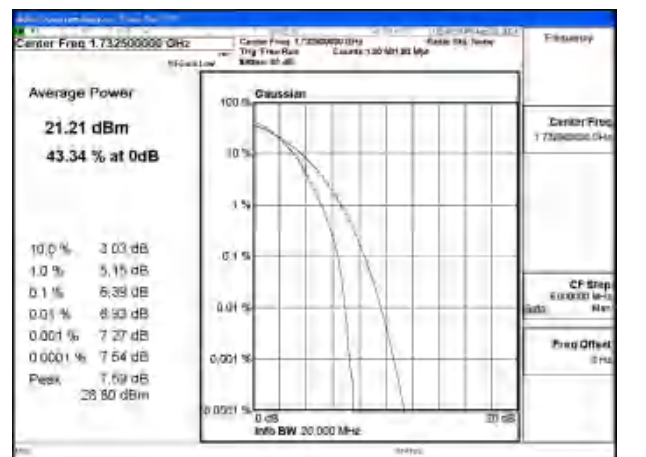


Fig.102

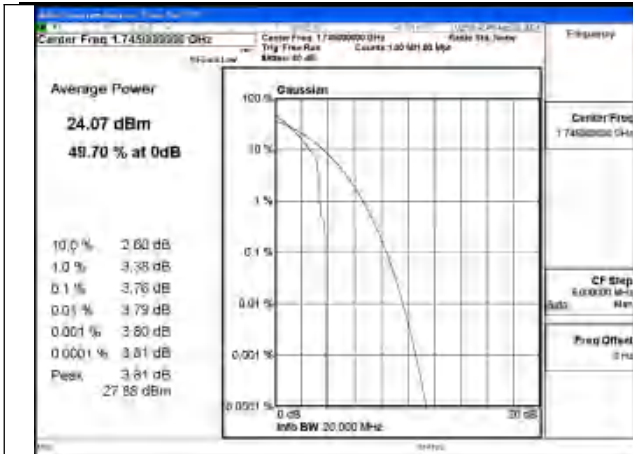


Fig.103

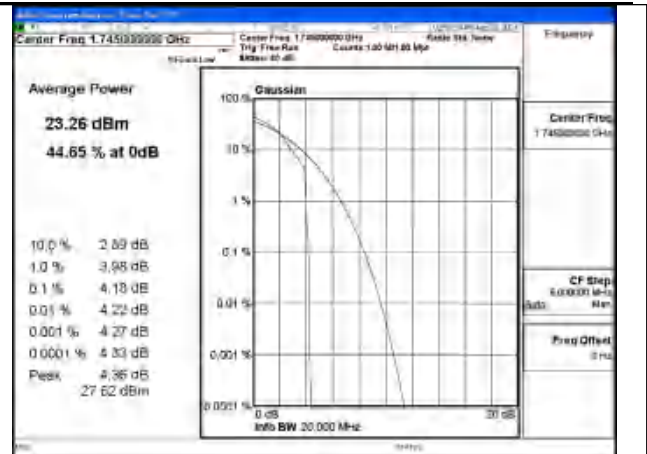


Fig.104

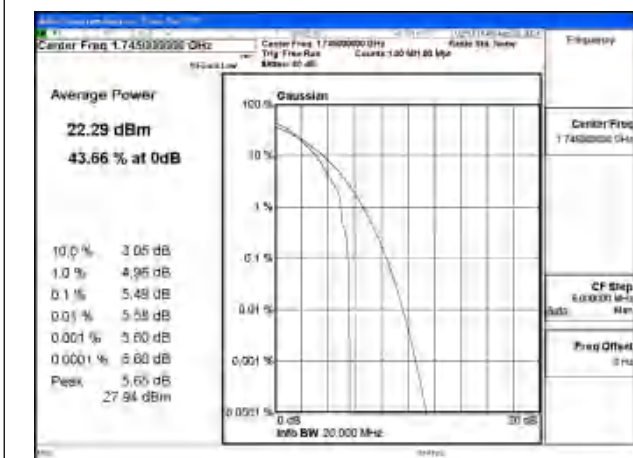


Fig.105

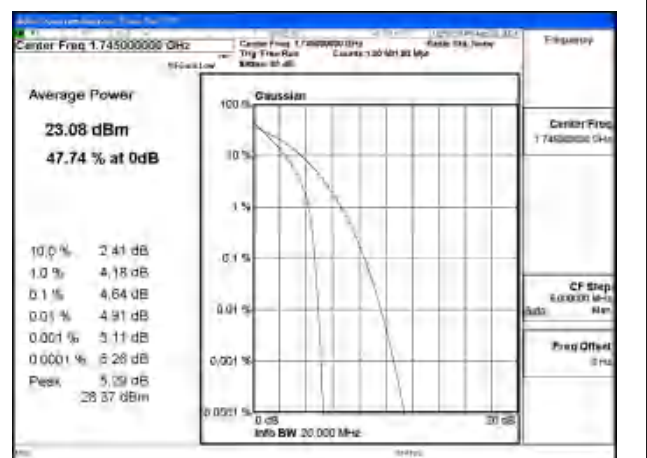


Fig.106

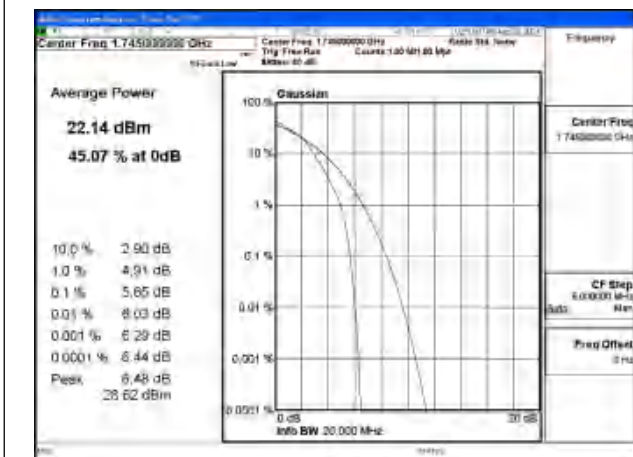


Fig.107

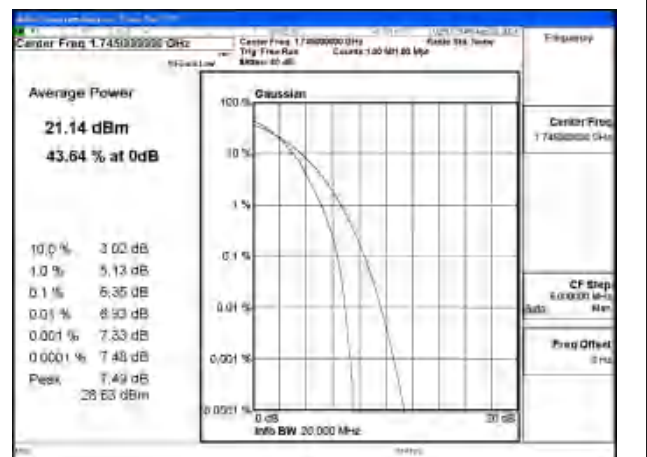


Fig.108



5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
4	1732.5	20175	20	1	0	Fig.2
4	1745	20300	20	1	0	Fig.3

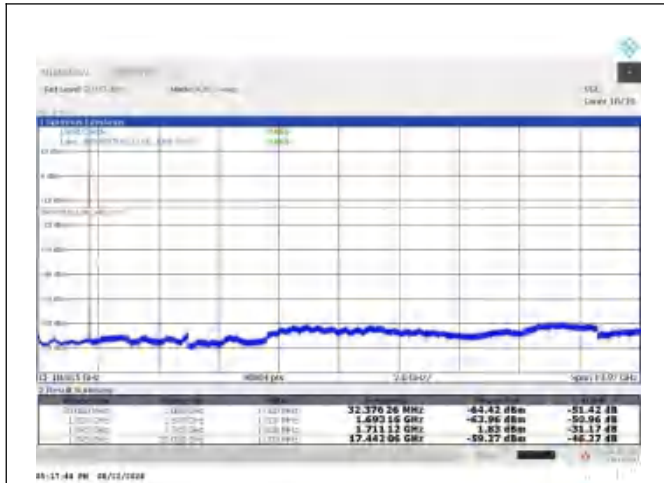


Fig.1



Fig.2



Fig.3



6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
4	QPSK	1710.7	19957	1.4	1	0	Fig.1
4	QPSK	1710.7	19957	1.4	6	0	Fig.2
4	QPSK	1754.3	20393	1.4	1	5	Fig.3
4	QPSK	1754.3	20393	1.4	6	0	Fig.4
4	QPSK	1711.5	19965	3	1	0	Fig.5
4	QPSK	1711.5	19965	3	15	0	Fig.6
4	QPSK	1753.5	20385	3	1	14	Fig.7
4	QPSK	1753.5	20385	3	15	0	Fig.8
4	QPSK	1712.5	19975	5	1	0	Fig.9
4	QPSK	1712.5	19975	5	25	0	Fig.10
4	QPSK	1752.5	20375	5	1	24	Fig.11
4	QPSK	1752.5	20375	5	25	0	Fig.12
4	QPSK	1715	20000	10	1	0	Fig.13
4	QPSK	1715	20000	10	50	0	Fig.14
4	QPSK	1750	20350	10	1	49	Fig.15
4	QPSK	1750	20350	10	50	0	Fig.16
4	QPSK	1717.5	20025	15	1	0	Fig.17
4	QPSK	1717.5	20025	15	75	0	Fig.18
4	QPSK	1747.5	20325	15	1	74	Fig.19
4	QPSK	1747.5	20325	15	75	0	Fig.20
4	QPSK	1720	20050	20	1	0	Fig.21
4	QPSK	1720	20050	20	100	0	Fig.22
4	QPSK	1745	20300	20	1	99	Fig.23
4	QPSK	1745	20300	20	100	0	Fig.24

Test Mode: QPSK

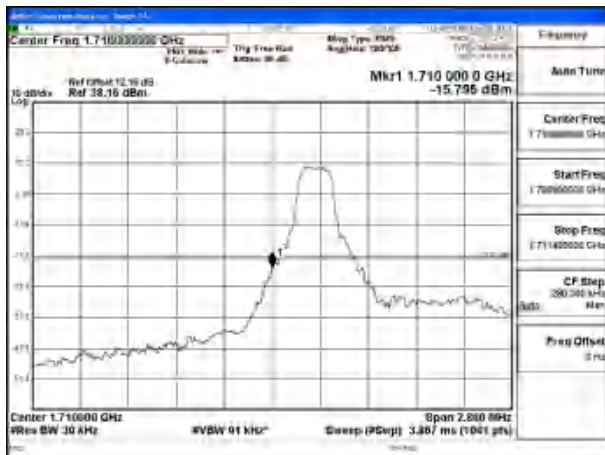


Fig.1



Fig.2

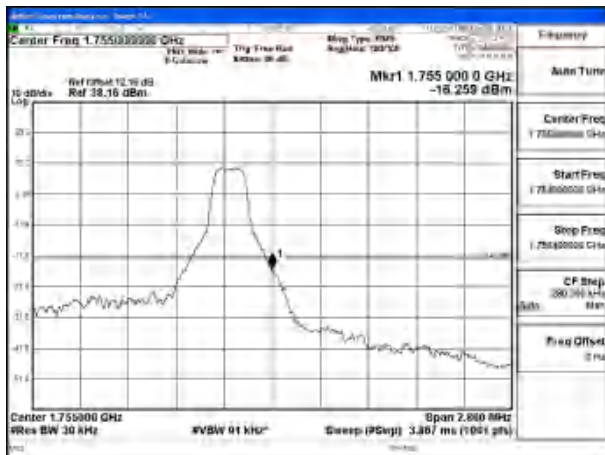


Fig.3

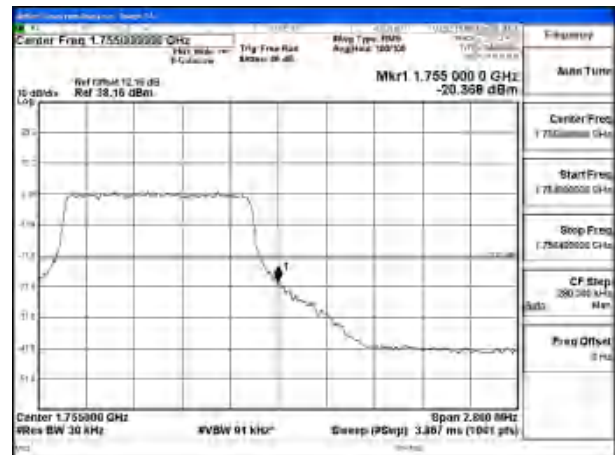


Fig.4

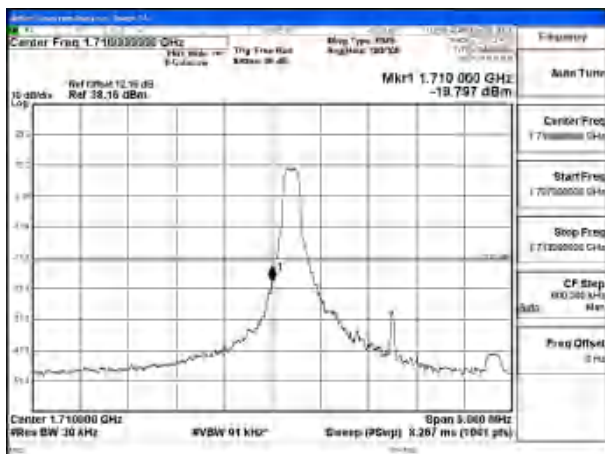


Fig.5

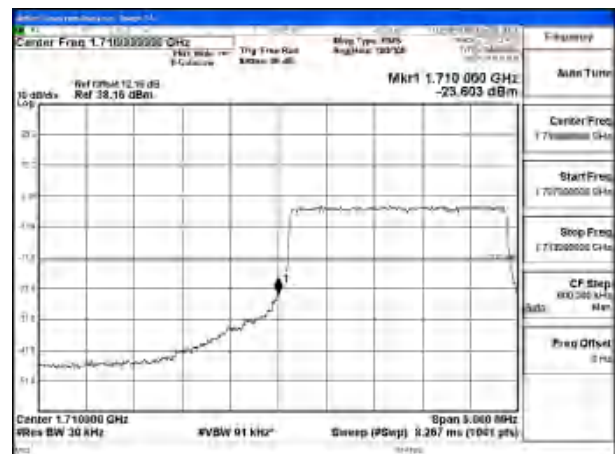


Fig.6



Fig.7

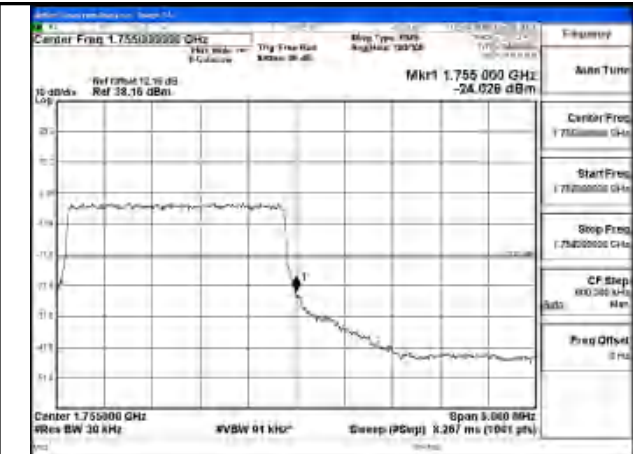


Fig.8

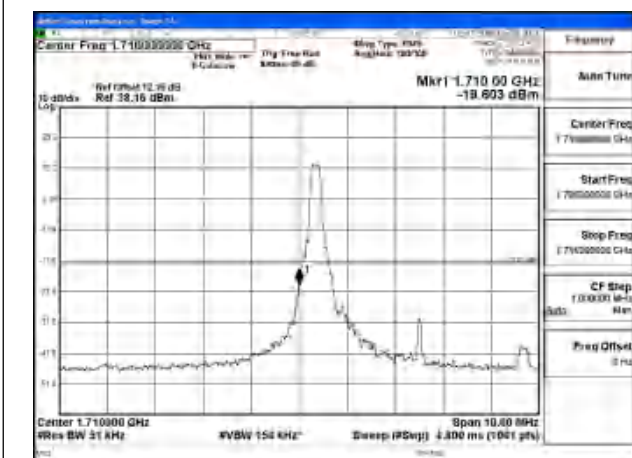


Fig.9

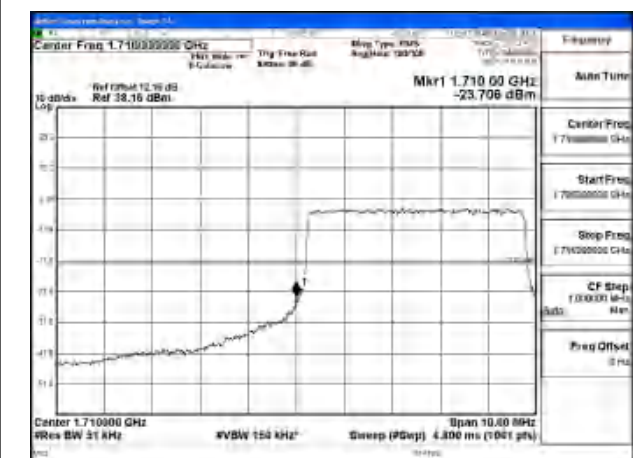


Fig.10

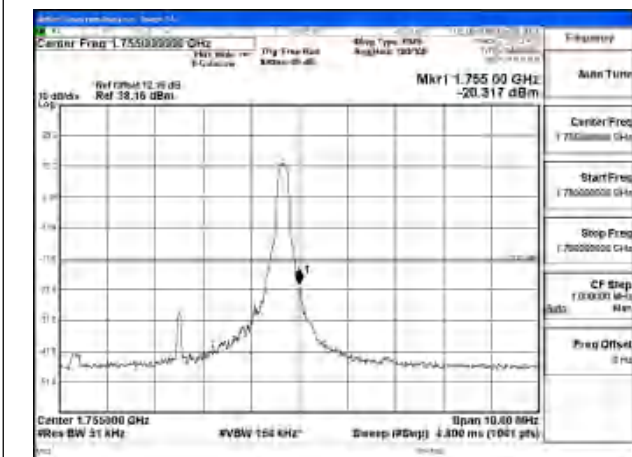


Fig.11

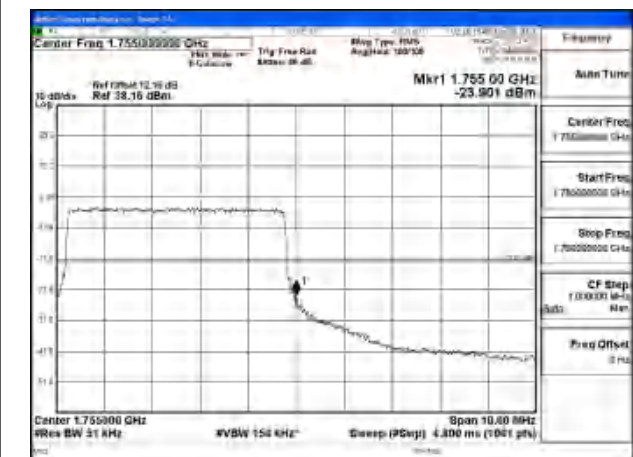


Fig.12

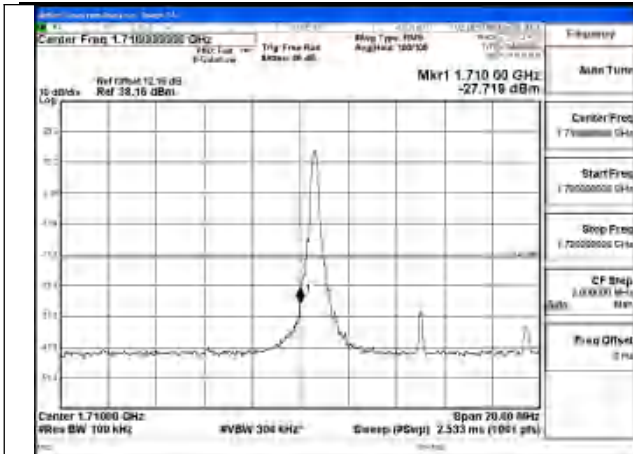


Fig.13



Fig.14

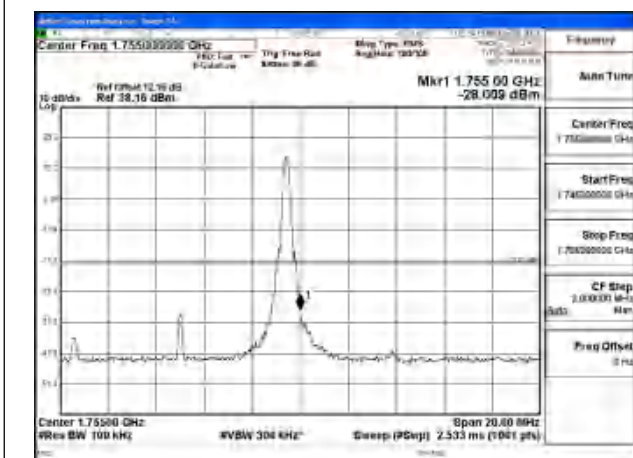


Fig.15

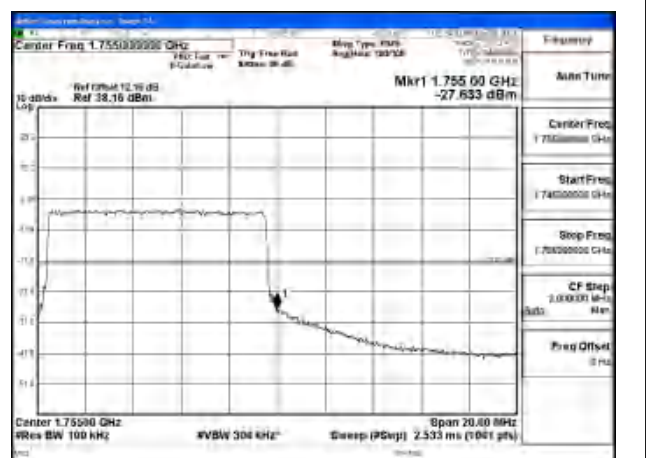


Fig.16

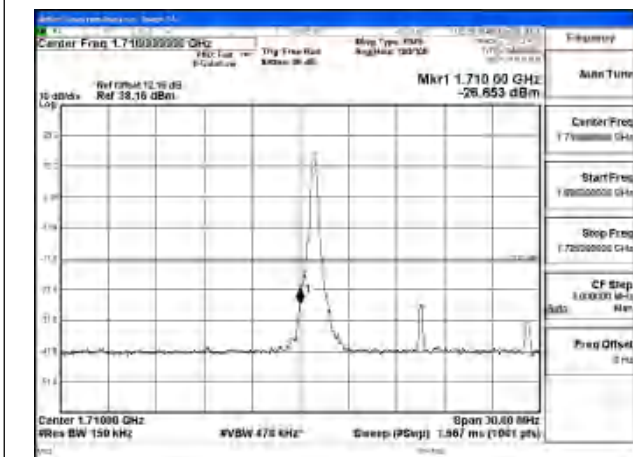


Fig.17

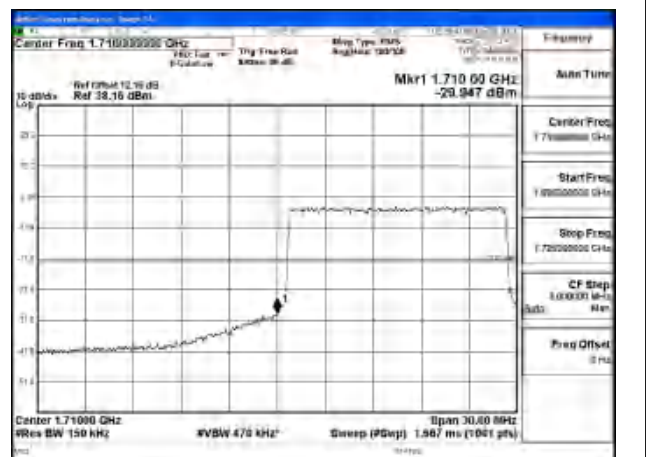


Fig.18

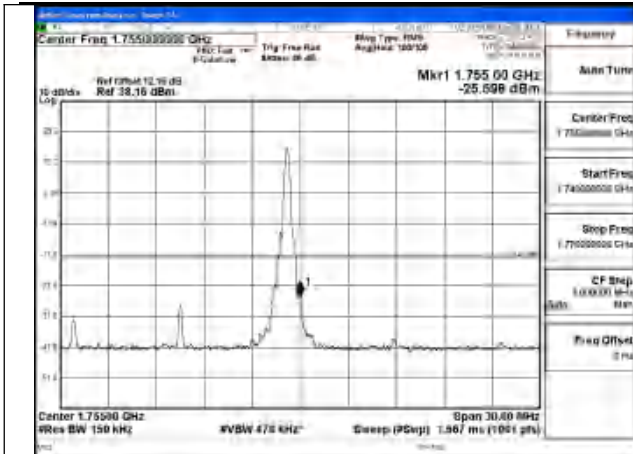


Fig.19



Fig.20

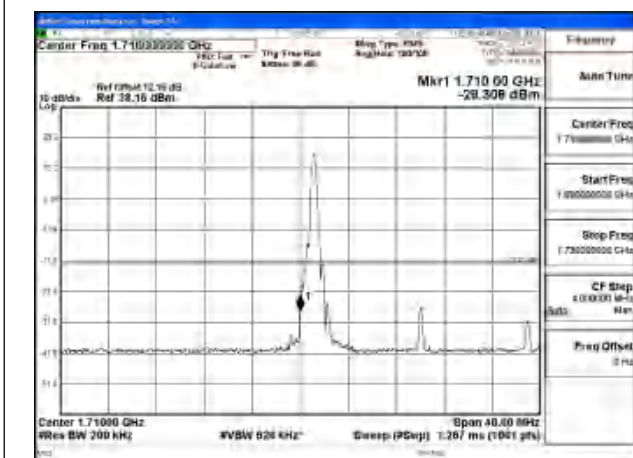


Fig.21

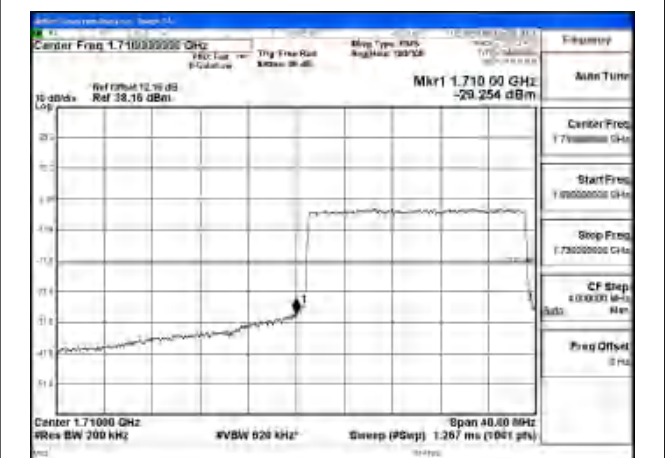


Fig.22

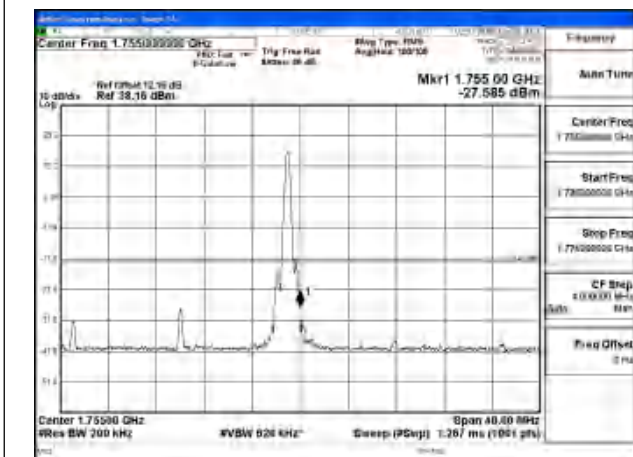


Fig.23



Fig.24



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.005	0.003	0.001	-0.003	0.001	-0.001
0	NV	-0.002	0.003	-0.002	-0.002	0.002	0.001
+10	NV	0.002	0.002	0.000	0.001	0.001	-0.003
+20	NV	-0.003	0.000	-0.001	0.000	-0.002	-0.001
+30	NV	0.005	0.001	-0.002	-0.001	0.004	-0.001
+40	NV	-0.009	-0.003	-0.001	-0.003	-0.003	-0.003
+55	NV	0.001	0.001	-0.001	0.001	0.001	-0.004
+20	LV	-0.008	0.003	-0.001	0.002	0.001	-0.001
+20	HV	0.007	0.002	-0.001	-0.004	-0.002	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.005	0.001	0.001	-0.001	0.001	-0.002
0	NV	0.004	0.001	0.000	0.000	0.001	0.002
+10	NV	-0.012	0.001	-0.001	0.001	0.001	0.002
+20	NV	0.009	-0.001	0.000	-0.002	0.002	0.000
+30	NV	-0.005	0.002	0.002	0.001	0.002	-0.003
+40	NV	-0.012	0.003	0.001	0.000	0.001	-0.003
+55	NV	0.008	0.001	0.000	0.001	0.000	-0.002
+20	LV	-0.003	-0.002	-0.001	-0.001	0.003	-0.001
+20	HV	-0.002	0.002	-0.001	-0.001	0.001	0.001

**8 Effective Radiated Power and Effective Isotropic Radiated Power**

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1710.7	19957	1.4	1	0	23.19	21.89	0.155
QPSK	1710.7	19957	1.4	1	3	23.27	21.97	0.157
QPSK	1710.7	19957	1.4	1	5	22.98	21.68	0.147
QPSK	1710.7	19957	1.4	3	0	23.08	21.78	0.151
QPSK	1710.7	19957	1.4	3	1	22.98	21.68	0.147
QPSK	1710.7	19957	1.4	3	3	23.00	21.70	0.148
QPSK	1710.7	19957	1.4	6	0	22.02	20.72	0.118
QPSK	1732.5	20175	1.4	1	0	23.27	21.97	0.157
QPSK	1732.5	20175	1.4	1	3	23.25	21.95	0.157
QPSK	1732.5	20175	1.4	1	5	23.29	21.99	0.158
QPSK	1732.5	20175	1.4	3	0	22.98	21.68	0.147
QPSK	1732.5	20175	1.4	3	1	23.08	21.78	0.151
QPSK	1732.5	20175	1.4	3	3	23.14	21.84	0.153
QPSK	1732.5	20175	1.4	6	0	22.18	20.88	0.122
QPSK	1754.3	20393	1.4	1	0	23.00	21.70	0.148
QPSK	1754.3	20393	1.4	1	3	23.20	21.90	0.155
QPSK	1754.3	20393	1.4	1	5	22.92	21.62	0.145
QPSK	1754.3	20393	1.4	3	0	22.97	21.67	0.147
QPSK	1754.3	20393	1.4	3	1	23.02	21.72	0.149
QPSK	1754.3	20393	1.4	3	3	23.02	21.72	0.149
QPSK	1754.3	20393	1.4	6	0	22.17	20.87	0.122



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	19957	1.4	1	0	21.86	20.56	0.114
16QAM	1710.7	19957	1.4	1	3	22.32	21.02	0.126
16QAM	1710.7	19957	1.4	1	5	22.24	20.94	0.124
16QAM	1710.7	19957	1.4	3	0	22.09	20.79	0.120
16QAM	1710.7	19957	1.4	3	1	22.04	20.74	0.119
16QAM	1710.7	19957	1.4	3	3	22.16	20.86	0.122
16QAM	1710.7	19957	1.4	6	0	21.10	19.80	0.095
16QAM	1732.5	20175	1.4	1	0	22.27	20.97	0.125
16QAM	1732.5	20175	1.4	1	3	22.55	21.25	0.133
16QAM	1732.5	20175	1.4	1	5	22.56	21.26	0.134
16QAM	1732.5	20175	1.4	3	0	22.23	20.93	0.124
16QAM	1732.5	20175	1.4	3	1	22.14	20.84	0.121
16QAM	1732.5	20175	1.4	3	3	22.23	20.93	0.124
16QAM	1732.5	20175	1.4	6	0	21.30	20.00	0.100
16QAM	1754.3	20393	1.4	1	0	22.42	21.12	0.129
16QAM	1754.3	20393	1.4	1	3	22.50	21.20	0.132
16QAM	1754.3	20393	1.4	1	5	22.38	21.08	0.128
16QAM	1754.3	20393	1.4	3	0	21.94	20.64	0.116
16QAM	1754.3	20393	1.4	3	1	22.22	20.92	0.124
16QAM	1754.3	20393	1.4	3	3	22.20	20.90	0.123
16QAM	1754.3	20393	1.4	6	0	21.24	19.94	0.099
64QAM	1710.7	19957	1.4	1	0	22.18	20.88	0.122
64QAM	1710.7	19957	1.4	1	3	22.37	21.07	0.128
64QAM	1710.7	19957	1.4	1	5	22.17	20.87	0.122
64QAM	1710.7	19957	1.4	3	0	22.12	20.82	0.121
64QAM	1710.7	19957	1.4	3	1	22.10	20.80	0.120
64QAM	1710.7	19957	1.4	3	3	21.98	20.68	0.117
64QAM	1710.7	19957	1.4	6	0	21.08	19.78	0.095
64QAM	1732.5	20175	1.4	1	0	22.05	20.75	0.119
64QAM	1732.5	20175	1.4	1	3	22.04	20.74	0.119
64QAM	1732.5	20175	1.4	1	5	22.09	20.79	0.120
64QAM	1732.5	20175	1.4	3	0	21.84	20.54	0.113
64QAM	1732.5	20175	1.4	3	1	22.37	21.07	0.128
64QAM	1732.5	20175	1.4	3	3	22.22	20.92	0.124
64QAM	1732.5	20175	1.4	6	0	21.21	19.91	0.098
64QAM	1754.3	20393	1.4	1	0	22.44	21.14	0.130
64QAM	1754.3	20393	1.4	1	3	21.92	20.62	0.115
64QAM	1754.3	20393	1.4	1	5	22.20	20.90	0.123
64QAM	1754.3	20393	1.4	3	0	22.20	20.90	0.123
64QAM	1754.3	20393	1.4	3	1	22.12	20.82	0.121
64QAM	1754.3	20393	1.4	3	3	22.13	20.83	0.121
64QAM	1754.3	20393	1.4	6	0	21.13	19.83	0.096



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	22.96	21.66	0.147
QPSK	1711.5	19965	3	1	8	23.11	21.81	0.152
QPSK	1711.5	19965	3	1	14	22.87	21.57	0.144
QPSK	1711.5	19965	3	8	0	22.18	20.88	0.122
QPSK	1711.5	19965	3	8	4	22.18	20.88	0.122
QPSK	1711.5	19965	3	8	7	22.06	20.76	0.119
QPSK	1711.5	19965	3	15	0	22.06	20.76	0.119
QPSK	1732.5	20175	3	1	0	23.12	21.82	0.152
QPSK	1732.5	20175	3	1	8	23.25	21.95	0.157
QPSK	1732.5	20175	3	1	14	22.94	21.64	0.146
QPSK	1732.5	20175	3	8	0	22.05	20.75	0.119
QPSK	1732.5	20175	3	8	4	22.02	20.72	0.118
QPSK	1732.5	20175	3	8	7	22.15	20.85	0.122
QPSK	1732.5	20175	3	15	0	22.04	20.74	0.119
QPSK	1753.5	20385	3	1	0	23.23	21.93	0.156
QPSK	1753.5	20385	3	1	8	23.25	21.95	0.157
QPSK	1753.5	20385	3	1	14	22.99	21.69	0.148
QPSK	1753.5	20385	3	8	0	22.07	20.77	0.119
QPSK	1753.5	20385	3	8	4	22.16	20.86	0.122
QPSK	1753.5	20385	3	8	7	22.11	20.81	0.121
QPSK	1753.5	20385	3	15	0	22.01	20.71	0.118



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	19965	3	1	0	22.12	20.82	0.121
16QAM	1711.5	19965	3	1	8	22.57	21.27	0.134
16QAM	1711.5	19965	3	1	14	22.10	20.80	0.120
16QAM	1711.5	19965	3	8	0	21.24	19.94	0.099
16QAM	1711.5	19965	3	8	4	21.17	19.87	0.097
16QAM	1711.5	19965	3	8	7	21.06	19.76	0.095
16QAM	1711.5	19965	3	15	0	21.08	19.78	0.095
16QAM	1732.5	20175	3	1	0	22.63	21.33	0.136
16QAM	1732.5	20175	3	1	8	22.70	21.40	0.138
16QAM	1732.5	20175	3	1	14	22.55	21.25	0.133
16QAM	1732.5	20175	3	8	0	21.06	19.76	0.095
16QAM	1732.5	20175	3	8	4	21.15	19.85	0.097
16QAM	1732.5	20175	3	8	7	21.21	19.91	0.098
16QAM	1732.5	20175	3	15	0	21.14	19.84	0.096
16QAM	1753.5	20385	3	1	0	22.35	21.05	0.127
16QAM	1753.5	20385	3	1	8	22.52	21.22	0.132
16QAM	1753.5	20385	3	1	14	22.29	20.99	0.126
16QAM	1753.5	20385	3	8	0	21.10	19.80	0.095
16QAM	1753.5	20385	3	8	4	21.20	19.90	0.098
16QAM	1753.5	20385	3	8	7	21.22	19.92	0.098
16QAM	1753.5	20385	3	15	0	21.07	19.77	0.095
64QAM	1711.5	19965	3	1	0	22.26	20.96	0.125
64QAM	1711.5	19965	3	1	8	22.21	20.91	0.123
64QAM	1711.5	19965	3	1	14	22.16	20.86	0.122
64QAM	1711.5	19965	3	8	0	21.12	19.82	0.096
64QAM	1711.5	19965	3	8	4	21.18	19.88	0.097
64QAM	1711.5	19965	3	8	7	21.16	19.86	0.097
64QAM	1711.5	19965	3	15	0	20.99	19.69	0.093
64QAM	1732.5	20175	3	1	0	22.46	21.16	0.131
64QAM	1732.5	20175	3	1	8	22.64	21.34	0.136
64QAM	1732.5	20175	3	1	14	22.12	20.82	0.121
64QAM	1732.5	20175	3	8	0	21.12	19.82	0.096
64QAM	1732.5	20175	3	8	4	21.02	19.72	0.094
64QAM	1732.5	20175	3	8	7	21.16	19.86	0.097
64QAM	1732.5	20175	3	15	0	21.03	19.73	0.094
64QAM	1753.5	20385	3	1	0	22.17	20.87	0.122
64QAM	1753.5	20385	3	1	8	22.15	20.85	0.122
64QAM	1753.5	20385	3	1	14	22.14	20.84	0.121
64QAM	1753.5	20385	3	8	0	21.01	19.71	0.094
64QAM	1753.5	20385	3	8	4	21.25	19.95	0.099
64QAM	1753.5	20385	3	8	7	21.06	19.76	0.095
64QAM	1753.5	20385	3	15	0	21.05	19.75	0.094



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	22.89	21.59	0.144
QPSK	1712.5	19975	5	1	12	22.98	21.68	0.147
QPSK	1712.5	19975	5	1	24	23.05	21.75	0.150
QPSK	1712.5	19975	5	12	0	22.02	20.72	0.118
QPSK	1712.5	19975	5	12	7	22.10	20.80	0.120
QPSK	1712.5	19975	5	12	13	22.07	20.77	0.119
QPSK	1712.5	19975	5	25	0	22.05	20.75	0.119
QPSK	1732.5	20175	5	1	0	23.06	21.76	0.150
QPSK	1732.5	20175	5	1	12	23.17	21.87	0.154
QPSK	1732.5	20175	5	1	24	23.12	21.82	0.152
QPSK	1732.5	20175	5	12	0	22.01	20.71	0.118
QPSK	1732.5	20175	5	12	7	22.25	20.95	0.124
QPSK	1732.5	20175	5	12	13	22.25	20.95	0.124
QPSK	1732.5	20175	5	25	0	22.09	20.79	0.120
QPSK	1752.5	20375	5	1	0	23.20	21.90	0.155
QPSK	1752.5	20375	5	1	12	23.19	21.89	0.155
QPSK	1752.5	20375	5	1	24	23.09	21.79	0.151
QPSK	1752.5	20375	5	12	0	22.03	20.73	0.118
QPSK	1752.5	20375	5	12	7	22.14	20.84	0.121
QPSK	1752.5	20375	5	12	13	22.11	20.81	0.121
QPSK	1752.5	20375	5	25	0	22.07	20.77	0.119



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	19975	5	1	0	22.55	21.25	0.133
16QAM	1712.5	19975	5	1	12	22.50	21.20	0.132
16QAM	1712.5	19975	5	1	24	22.21	20.91	0.123
16QAM	1712.5	19975	5	12	0	21.06	19.76	0.095
16QAM	1712.5	19975	5	12	7	21.18	19.88	0.097
16QAM	1712.5	19975	5	12	13	21.19	19.89	0.097
16QAM	1712.5	19975	5	25	0	21.09	19.79	0.095
16QAM	1732.5	20175	5	1	0	22.28	20.98	0.125
16QAM	1732.5	20175	5	1	12	22.73	21.43	0.139
16QAM	1732.5	20175	5	1	24	22.39	21.09	0.129
16QAM	1732.5	20175	5	12	0	21.16	19.86	0.097
16QAM	1732.5	20175	5	12	7	21.07	19.77	0.095
16QAM	1732.5	20175	5	12	13	21.28	19.98	0.100
16QAM	1732.5	20175	5	25	0	21.10	19.80	0.095
16QAM	1752.5	20375	5	1	0	22.69	21.39	0.138
16QAM	1752.5	20375	5	1	12	22.86	21.56	0.143
16QAM	1752.5	20375	5	1	24	22.30	21.00	0.126
16QAM	1752.5	20375	5	12	0	21.21	19.91	0.098
16QAM	1752.5	20375	5	12	7	21.22	19.92	0.098
16QAM	1752.5	20375	5	12	13	21.14	19.84	0.096
16QAM	1752.5	20375	5	25	0	21.04	19.74	0.094
64QAM	1712.5	19975	5	1	0	22.25	20.95	0.124
64QAM	1712.5	19975	5	1	12	21.84	20.54	0.113
64QAM	1712.5	19975	5	1	24	22.36	21.06	0.128
64QAM	1712.5	19975	5	12	0	21.04	19.74	0.094
64QAM	1712.5	19975	5	12	7	21.13	19.83	0.096
64QAM	1712.5	19975	5	12	13	21.14	19.84	0.096
64QAM	1712.5	19975	5	25	0	21.01	19.71	0.094
64QAM	1732.5	20175	5	1	0	22.34	21.04	0.127
64QAM	1732.5	20175	5	1	12	22.27	20.97	0.125
64QAM	1732.5	20175	5	1	24	22.15	20.85	0.122
64QAM	1732.5	20175	5	12	0	21.10	19.80	0.095
64QAM	1732.5	20175	5	12	7	21.15	19.85	0.097
64QAM	1732.5	20175	5	12	13	21.17	19.87	0.097
64QAM	1732.5	20175	5	25	0	21.13	19.83	0.096
64QAM	1752.5	20375	5	1	0	22.30	21.00	0.126
64QAM	1752.5	20375	5	1	12	22.23	20.93	0.124
64QAM	1752.5	20375	5	1	24	22.26	20.96	0.125
64QAM	1752.5	20375	5	12	0	21.13	19.83	0.096
64QAM	1752.5	20375	5	12	7	21.10	19.80	0.095
64QAM	1752.5	20375	5	12	13	21.12	19.82	0.096
64QAM	1752.5	20375	5	25	0	20.99	19.69	0.093



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	22.87	21.57	0.144
QPSK	1715	20000	10	1	25	23.11	21.81	0.152
QPSK	1715	20000	10	1	49	23.00	21.70	0.148
QPSK	1715	20000	10	25	0	22.07	20.77	0.119
QPSK	1715	20000	10	25	12	22.21	20.91	0.123
QPSK	1715	20000	10	25	25	22.22	20.92	0.124
QPSK	1715	20000	10	50	0	22.17	20.87	0.122
QPSK	1732.5	20175	10	1	0	23.29	21.99	0.158
QPSK	1732.5	20175	10	1	25	23.09	21.79	0.151
QPSK	1732.5	20175	10	1	49	23.03	21.73	0.149
QPSK	1732.5	20175	10	25	0	22.17	20.87	0.122
QPSK	1732.5	20175	10	25	12	22.24	20.94	0.124
QPSK	1732.5	20175	10	25	25	22.35	21.05	0.127
QPSK	1732.5	20175	10	50	0	22.18	20.88	0.122
QPSK	1750	20350	10	1	0	23.07	21.77	0.150
QPSK	1750	20350	10	1	25	23.39	22.09	0.162
QPSK	1750	20350	10	1	49	22.95	21.65	0.146
QPSK	1750	20350	10	25	0	22.13	20.83	0.121
QPSK	1750	20350	10	25	12	22.14	20.84	0.121
QPSK	1750	20350	10	25	25	22.18	20.88	0.122
QPSK	1750	20350	10	50	0	22.01	20.71	0.118



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	22.06	20.76	0.119
16QAM	1715	20000	10	1	25	22.14	20.84	0.121
16QAM	1715	20000	10	1	49	22.17	20.87	0.122
16QAM	1715	20000	10	25	0	21.29	19.99	0.100
16QAM	1715	20000	10	25	12	21.27	19.97	0.099
16QAM	1715	20000	10	25	25	21.37	20.07	0.102
16QAM	1715	20000	10	50	0	21.24	19.94	0.099
16QAM	1732.5	20175	10	1	0	22.42	21.12	0.129
16QAM	1732.5	20175	10	1	25	22.36	21.06	0.128
16QAM	1732.5	20175	10	1	49	22.36	21.06	0.128
16QAM	1732.5	20175	10	25	0	21.26	19.96	0.099
16QAM	1732.5	20175	10	25	12	21.28	19.98	0.100
16QAM	1732.5	20175	10	25	25	21.32	20.02	0.100
16QAM	1732.5	20175	10	50	0	21.28	19.98	0.100
16QAM	1750	20350	10	1	0	22.19	20.89	0.123
16QAM	1750	20350	10	1	25	22.49	21.19	0.132
16QAM	1750	20350	10	1	49	22.21	20.91	0.123
16QAM	1750	20350	10	25	0	21.13	19.83	0.096
16QAM	1750	20350	10	25	12	21.16	19.86	0.097
16QAM	1750	20350	10	25	25	21.31	20.01	0.100
16QAM	1750	20350	10	50	0	21.11	19.81	0.096
64QAM	1715	20000	10	1	0	22.44	21.14	0.130
64QAM	1715	20000	10	1	25	21.67	20.37	0.109
64QAM	1715	20000	10	1	49	21.85	20.55	0.114
64QAM	1715	20000	10	25	0	21.09	19.79	0.095
64QAM	1715	20000	10	25	12	21.30	20.00	0.100
64QAM	1715	20000	10	25	25	21.36	20.06	0.101
64QAM	1715	20000	10	50	0	21.19	19.89	0.097
64QAM	1732.5	20175	10	1	0	22.33	21.03	0.127
64QAM	1732.5	20175	10	1	25	22.29	20.99	0.126
64QAM	1732.5	20175	10	1	49	22.52	21.22	0.132
64QAM	1732.5	20175	10	25	0	21.25	19.95	0.099
64QAM	1732.5	20175	10	25	12	21.18	19.88	0.097
64QAM	1732.5	20175	10	25	25	21.34	20.04	0.101
64QAM	1732.5	20175	10	50	0	21.22	19.92	0.098
64QAM	1750	20350	10	1	0	22.05	20.75	0.119
64QAM	1750	20350	10	1	25	22.41	21.11	0.129
64QAM	1750	20350	10	1	49	22.23	20.93	0.124
64QAM	1750	20350	10	25	0	21.06	19.76	0.095
64QAM	1750	20350	10	25	12	21.10	19.80	0.095
64QAM	1750	20350	10	25	25	21.23	19.93	0.098
64QAM	1750	20350	10	50	0	21.10	19.80	0.095



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.00	21.70	0.148
QPSK	1717.5	20025	15	1	37	22.89	21.59	0.144
QPSK	1717.5	20025	15	1	74	22.92	21.62	0.145
QPSK	1717.5	20025	15	36	0	22.06	20.76	0.119
QPSK	1717.5	20025	15	36	29	22.11	20.81	0.121
QPSK	1717.5	20025	15	36	30	22.04	20.74	0.119
QPSK	1717.5	20025	15	75	0	22.07	20.77	0.119
QPSK	1732.5	20175	15	1	0	23.10	21.80	0.151
QPSK	1732.5	20175	15	1	37	23.24	21.94	0.156
QPSK	1732.5	20175	15	1	74	23.12	21.82	0.152
QPSK	1732.5	20175	15	36	0	22.12	20.82	0.121
QPSK	1732.5	20175	15	36	29	22.23	20.93	0.124
QPSK	1732.5	20175	15	36	30	22.38	21.08	0.128
QPSK	1732.5	20175	15	75	0	22.20	20.90	0.123
QPSK	1747.5	20325	15	1	0	23.06	21.76	0.150
QPSK	1747.5	20325	15	1	37	23.14	21.84	0.153
QPSK	1747.5	20325	15	1	74	22.92	21.62	0.145
QPSK	1747.5	20325	15	36	0	22.22	20.92	0.124
QPSK	1747.5	20325	15	36	29	22.19	20.89	0.123
QPSK	1747.5	20325	15	36	30	22.29	20.99	0.126
QPSK	1747.5	20325	15	75	0	22.18	20.88	0.122



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	22.45	21.15	0.130
16QAM	1717.5	20025	15	1	37	21.98	20.68	0.117
16QAM	1717.5	20025	15	1	74	22.07	20.77	0.119
16QAM	1717.5	20025	15	36	0	20.95	19.65	0.092
16QAM	1717.5	20025	15	36	29	21.05	19.75	0.094
16QAM	1717.5	20025	15	36	30	21.09	19.79	0.095
16QAM	1717.5	20025	15	75	0	21.08	19.78	0.095
16QAM	1732.5	20175	15	1	0	23.43	22.13	0.163
16QAM	1732.5	20175	15	1	37	22.80	21.50	0.141
16QAM	1732.5	20175	15	1	74	22.19	20.89	0.123
16QAM	1732.5	20175	15	36	0	21.29	19.99	0.100
16QAM	1732.5	20175	15	36	29	21.34	20.04	0.101
16QAM	1732.5	20175	15	36	30	21.39	20.09	0.102
16QAM	1732.5	20175	15	75	0	21.23	19.93	0.098
16QAM	1747.5	20325	15	1	0	22.44	21.14	0.130
16QAM	1747.5	20325	15	1	37	22.24	20.94	0.124
16QAM	1747.5	20325	15	1	74	22.33	21.03	0.127
16QAM	1747.5	20325	15	36	0	21.16	19.86	0.097
16QAM	1747.5	20325	15	36	29	21.22	19.92	0.098
16QAM	1747.5	20325	15	36	30	21.23	19.93	0.098
16QAM	1747.5	20325	15	75	0	21.15	19.85	0.097
64QAM	1717.5	20025	15	1	0	22.26	20.96	0.125
64QAM	1717.5	20025	15	1	37	21.85	20.55	0.114
64QAM	1717.5	20025	15	1	74	21.74	20.44	0.111
64QAM	1717.5	20025	15	36	0	20.94	19.64	0.092
64QAM	1717.5	20025	15	36	29	21.14	19.84	0.096
64QAM	1717.5	20025	15	36	30	21.11	19.81	0.096
64QAM	1717.5	20025	15	75	0	21.08	19.78	0.095
64QAM	1732.5	20175	15	1	0	22.26	20.96	0.125
64QAM	1732.5	20175	15	1	37	22.01	20.71	0.118
64QAM	1732.5	20175	15	1	74	22.09	20.79	0.120
64QAM	1732.5	20175	15	36	0	21.25	19.95	0.099
64QAM	1732.5	20175	15	36	29	21.28	19.98	0.100
64QAM	1732.5	20175	15	36	30	21.30	20.00	0.100
64QAM	1732.5	20175	15	75	0	21.29	19.99	0.100
64QAM	1747.5	20325	15	1	0	22.14	20.84	0.121
64QAM	1747.5	20325	15	1	37	22.24	20.94	0.124
64QAM	1747.5	20325	15	1	74	22.43	21.13	0.130
64QAM	1747.5	20325	15	36	0	21.12	19.82	0.096
64QAM	1747.5	20325	15	36	29	21.32	20.02	0.100
64QAM	1747.5	20325	15	36	30	21.29	19.99	0.100
64QAM	1747.5	20325	15	75	0	21.13	19.83	0.096



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	22.91	21.61	0.145
QPSK	1720	20050	20	1	49	22.89	21.59	0.144
QPSK	1720	20050	20	1	99	23.05	21.75	0.150
QPSK	1720	20050	20	50	0	21.92	20.62	0.115
QPSK	1720	20050	20	50	24	22.06	20.76	0.119
QPSK	1720	20050	20	50	50	22.01	20.71	0.118
QPSK	1720	20050	20	100	0	22.05	20.75	0.119
QPSK	1732.5	20175	20	1	0	23.00	21.70	0.148
QPSK	1732.5	20175	20	1	49	23.12	21.82	0.152
QPSK	1732.5	20175	20	1	99	23.13	21.83	0.152
QPSK	1732.5	20175	20	50	0	22.22	20.92	0.124
QPSK	1732.5	20175	20	50	24	22.21	20.91	0.123
QPSK	1732.5	20175	20	50	50	22.35	21.05	0.127
QPSK	1732.5	20175	20	100	0	22.13	20.83	0.121
QPSK	1745	20300	20	1	0	22.93	21.63	0.146
QPSK	1745	20300	20	1	49	23.21	21.91	0.155
QPSK	1745	20300	20	1	99	23.13	21.83	0.152
QPSK	1745	20300	20	50	0	22.17	20.87	0.122
QPSK	1745	20300	20	50	24	22.21	20.91	0.123
QPSK	1745	20300	20	50	50	22.22	20.92	0.124
QPSK	1745	20300	20	100	0	22.19	20.89	0.123



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	20050	20	1	0	22.23	20.93	0.124
16QAM	1720	20050	20	1	49	21.64	20.34	0.108
16QAM	1720	20050	20	1	99	22.36	21.06	0.128
16QAM	1720	20050	20	50	0	20.99	19.69	0.093
16QAM	1720	20050	20	50	24	21.04	19.74	0.094
16QAM	1720	20050	20	50	50	21.12	19.82	0.096
16QAM	1720	20050	20	100	0	21.08	19.78	0.095
16QAM	1732.5	20175	20	1	0	22.37	21.07	0.128
16QAM	1732.5	20175	20	1	49	22.41	21.11	0.129
16QAM	1732.5	20175	20	1	99	22.68	21.38	0.137
16QAM	1732.5	20175	20	50	0	21.22	19.92	0.098
16QAM	1732.5	20175	20	50	24	21.24	19.94	0.099
16QAM	1732.5	20175	20	50	50	21.21	19.91	0.098
16QAM	1732.5	20175	20	100	0	21.22	19.92	0.098
16QAM	1745	20300	20	1	0	22.07	20.77	0.119
16QAM	1745	20300	20	1	49	22.48	21.18	0.131
16QAM	1745	20300	20	1	99	22.28	20.98	0.125
16QAM	1745	20300	20	50	0	21.16	19.86	0.097
16QAM	1745	20300	20	50	24	21.16	19.86	0.097
16QAM	1745	20300	20	50	50	21.18	19.88	0.097
16QAM	1745	20300	20	100	0	21.17	19.87	0.097
64QAM	1720	20050	20	1	0	22.07	20.77	0.119
64QAM	1720	20050	20	1	49	22.00	20.70	0.117
64QAM	1720	20050	20	1	99	22.33	21.03	0.127
64QAM	1720	20050	20	50	0	20.97	19.67	0.093
64QAM	1720	20050	20	50	24	21.08	19.78	0.095
64QAM	1720	20050	20	50	50	21.02	19.72	0.094
64QAM	1720	20050	20	100	0	21.08	19.78	0.095
64QAM	1732.5	20175	20	1	0	22.43	21.13	0.130
64QAM	1732.5	20175	20	1	49	21.90	20.60	0.115
64QAM	1732.5	20175	20	1	99	22.52	21.22	0.132
64QAM	1732.5	20175	20	50	0	21.15	19.85	0.097
64QAM	1732.5	20175	20	50	24	21.26	19.96	0.099
64QAM	1732.5	20175	20	50	50	21.22	19.92	0.098
64QAM	1732.5	20175	20	100	0	21.25	19.95	0.099
64QAM	1745	20300	20	1	0	22.37	21.07	0.128
64QAM	1745	20300	20	1	49	22.07	20.77	0.119
64QAM	1745	20300	20	1	99	21.79	20.49	0.112
64QAM	1745	20300	20	50	0	21.11	19.81	0.096
64QAM	1745	20300	20	50	24	21.23	19.93	0.098
64QAM	1745	20300	20	50	50	21.13	19.83	0.096
64QAM	1745	20300	20	100	0	21.18	19.88	0.097