

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 66 CA

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	131979	1.4	1	0	23.57
QPSK	1710.7	131979	1.4	1	3	23.88
QPSK	1710.7	131979	1.4	1	5	23.62
QPSK	1710.7	131979	1.4	3	0	23.79
QPSK	1710.7	131979	1.4	3	1	23.79
QPSK	1710.7	131979	1.4	3	3	23.92
QPSK	1710.7	131979	1.4	6	0	22.79
QPSK	1755	132422	1.4	1	0	23.51
QPSK	1755	132422	1.4	1	3	23.50
QPSK	1755	132422	1.4	1	5	23.47
QPSK	1755	132422	1.4	3	0	23.63
QPSK	1755	132422	1.4	3	1	23.70
QPSK	1755	132422	1.4	3	3	23.58
QPSK	1755	132422	1.4	6	0	22.62
QPSK	1779.3	132665	1.4	1	0	23.47
QPSK	1779.3	132665	1.4	1	3	23.52
QPSK	1779.3	132665	1.4	1	5	23.43
QPSK	1779.3	132665	1.4	3	0	23.69
QPSK	1779.3	132665	1.4	3	1	23.61
QPSK	1779.3	132665	1.4	3	3	23.57
QPSK	1779.3	132665	1.4	6	0	22.65

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1710.7	131979	1.4	1	0	23.21
16QAM	1710.7	131979	1.4	1	3	22.78
16QAM	1710.7	131979	1.4	1	5	22.98
16QAM	1710.7	131979	1.4	3	0	22.86
16QAM	1710.7	131979	1.4	3	1	22.95
16QAM	1710.7	131979	1.4	3	3	23.01
16QAM	1710.7	131979	1.4	6	0	22.00
16QAM	1755	132422	1.4	1	0	22.99
16QAM	1755	132422	1.4	1	3	22.95
16QAM	1755	132422	1.4	1	5	22.94
16QAM	1755	132422	1.4	3	0	22.61
16QAM	1755	132422	1.4	3	1	22.67
16QAM	1755	132422	1.4	3	3	23.00
16QAM	1755	132422	1.4	6	0	21.73
16QAM	1779.3	132665	1.4	1	0	22.62
16QAM	1779.3	132665	1.4	1	3	22.95
16QAM	1779.3	132665	1.4	1	5	23.09
16QAM	1779.3	132665	1.4	3	0	22.69
16QAM	1779.3	132665	1.4	3	1	22.81
16QAM	1779.3	132665	1.4	3	3	22.91
16QAM	1779.3	132665	1.4	6	0	21.69
64QAM	1710.7	131979	1.4	1	0	22.53
64QAM	1710.7	131979	1.4	1	3	22.59
64QAM	1710.7	131979	1.4	1	5	22.55
64QAM	1710.7	131979	1.4	3	0	22.66
64QAM	1710.7	131979	1.4	3	1	23.10
64QAM	1710.7	131979	1.4	3	3	22.58
64QAM	1710.7	131979	1.4	6	0	21.62
64QAM	1755	132422	1.4	1	0	22.79
64QAM	1755	132422	1.4	1	3	22.63
64QAM	1755	132422	1.4	1	5	22.77
64QAM	1755	132422	1.4	3	0	22.63
64QAM	1755	132422	1.4	3	1	22.69
64QAM	1755	132422	1.4	3	3	22.85
64QAM	1755	132422	1.4	6	0	21.72
64QAM	1779.3	132665	1.4	1	0	22.58
64QAM	1779.3	132665	1.4	1	3	23.13
64QAM	1779.3	132665	1.4	1	5	22.25
64QAM	1779.3	132665	1.4	3	0	22.75
64QAM	1779.3	132665	1.4	3	1	22.94
64QAM	1779.3	132665	1.4	3	3	22.67
64QAM	1779.3	132665	1.4	6	0	21.68

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	131987	3	1	0	23.48
QPSK	1711.5	131987	3	1	8	23.66
QPSK	1711.5	131987	3	1	14	23.77
QPSK	1711.5	131987	3	8	0	22.70
QPSK	1711.5	131987	3	8	4	22.62
QPSK	1711.5	131987	3	8	7	22.75
QPSK	1711.5	131987	3	15	0	22.62
QPSK	1755	132422	3	1	0	23.57
QPSK	1755	132422	3	1	8	23.63
QPSK	1755	132422	3	1	14	23.40
QPSK	1755	132422	3	8	0	22.64
QPSK	1755	132422	3	8	4	22.69
QPSK	1755	132422	3	8	7	22.64
QPSK	1755	132422	3	15	0	22.67
QPSK	1778.5	132657	3	1	0	23.65
QPSK	1778.5	132657	3	1	8	23.54
QPSK	1778.5	132657	3	1	14	23.53
QPSK	1778.5	132657	3	8	0	22.67
QPSK	1778.5	132657	3	8	4	22.62
QPSK	1778.5	132657	3	8	7	22.60
QPSK	1778.5	132657	3	15	0	22.74

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	131987	3	1	0	22.93
16QAM	1711.5	131987	3	1	8	23.13
16QAM	1711.5	131987	3	1	14	22.73
16QAM	1711.5	131987	3	8	0	21.85
16QAM	1711.5	131987	3	8	4	21.77
16QAM	1711.5	131987	3	8	7	21.75
16QAM	1711.5	131987	3	15	0	21.72
16QAM	1755	132422	3	1	0	23.54
16QAM	1755	132422	3	1	8	23.15
16QAM	1755	132422	3	1	14	23.04
16QAM	1755	132422	3	8	0	21.76
16QAM	1755	132422	3	8	4	21.64
16QAM	1755	132422	3	8	7	21.83
16QAM	1755	132422	3	15	0	21.72
16QAM	1778.5	132657	3	1	0	22.80
16QAM	1778.5	132657	3	1	8	23.09
16QAM	1778.5	132657	3	1	14	22.82
16QAM	1778.5	132657	3	8	0	21.69
16QAM	1778.5	132657	3	8	4	21.67
16QAM	1778.5	132657	3	8	7	21.73
16QAM	1778.5	132657	3	15	0	21.63
64QAM	1711.5	131987	3	1	0	22.83
64QAM	1711.5	131987	3	1	8	22.97
64QAM	1711.5	131987	3	1	14	22.70
64QAM	1711.5	131987	3	8	0	21.64
64QAM	1711.5	131987	3	8	4	21.74
64QAM	1711.5	131987	3	8	7	21.69
64QAM	1711.5	131987	3	15	0	21.75
64QAM	1755	132422	3	1	0	22.63
64QAM	1755	132422	3	1	8	22.93
64QAM	1755	132422	3	1	14	22.63
64QAM	1755	132422	3	8	0	21.71
64QAM	1755	132422	3	8	4	21.65
64QAM	1755	132422	3	8	7	21.58
64QAM	1755	132422	3	15	0	21.80
64QAM	1778.5	132657	3	1	0	22.74
64QAM	1778.5	132657	3	1	8	22.44
64QAM	1778.5	132657	3	1	14	22.65
64QAM	1778.5	132657	3	8	0	21.58
64QAM	1778.5	132657	3	8	4	21.64
64QAM	1778.5	132657	3	8	7	21.67
64QAM	1778.5	132657	3	15	0	21.71

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	131997	5	1	0	23.64
QPSK	1712.5	131997	5	1	12	23.80
QPSK	1712.5	131997	5	1	24	23.62
QPSK	1712.5	131997	5	12	0	22.79
QPSK	1712.5	131997	5	12	7	22.64
QPSK	1712.5	131997	5	12	13	22.68
QPSK	1712.5	131997	5	25	0	22.71
QPSK	1755	132422	5	1	0	23.84
QPSK	1755	132422	5	1	12	23.86
QPSK	1755	132422	5	1	24	23.56
QPSK	1755	132422	5	12	0	22.61
QPSK	1755	132422	5	12	7	22.73
QPSK	1755	132422	5	12	13	22.67
QPSK	1755	132422	5	25	0	22.59
QPSK	1777.5	132647	5	1	0	23.61
QPSK	1777.5	132647	5	1	12	23.58
QPSK	1777.5	132647	5	1	24	23.49
QPSK	1777.5	132647	5	12	0	22.68
QPSK	1777.5	132647	5	12	7	22.70
QPSK	1777.5	132647	5	12	13	22.63
QPSK	1777.5	132647	5	25	0	22.76

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	131997	5	1	0	23.11
16QAM	1712.5	131997	5	1	12	23.00
16QAM	1712.5	131997	5	1	24	22.88
16QAM	1712.5	131997	5	12	0	21.72
16QAM	1712.5	131997	5	12	7	21.72
16QAM	1712.5	131997	5	12	13	21.81
16QAM	1712.5	131997	5	25	0	21.65
16QAM	1755	132422	5	1	0	22.96
16QAM	1755	132422	5	1	12	22.78
16QAM	1755	132422	5	1	24	22.62
16QAM	1755	132422	5	12	0	21.57
16QAM	1755	132422	5	12	7	21.65
16QAM	1755	132422	5	12	13	21.77
16QAM	1755	132422	5	25	0	21.67
16QAM	1777.5	132647	5	1	0	23.09
16QAM	1777.5	132647	5	1	12	22.95
16QAM	1777.5	132647	5	1	24	23.01
16QAM	1777.5	132647	5	12	0	21.62
16QAM	1777.5	132647	5	12	7	21.79
16QAM	1777.5	132647	5	12	13	21.73
16QAM	1777.5	132647	5	25	0	21.64
64QAM	1712.5	131997	5	1	0	22.32
64QAM	1712.5	131997	5	1	12	22.78
64QAM	1712.5	131997	5	1	24	22.64
64QAM	1712.5	131997	5	12	0	21.65
64QAM	1712.5	131997	5	12	7	21.71
64QAM	1712.5	131997	5	12	13	21.74
64QAM	1712.5	131997	5	25	0	21.62
64QAM	1755	132422	5	1	0	22.91
64QAM	1755	132422	5	1	12	22.68
64QAM	1755	132422	5	1	24	22.57
64QAM	1755	132422	5	12	0	21.45
64QAM	1755	132422	5	12	7	21.67
64QAM	1755	132422	5	12	13	21.63
64QAM	1755	132422	5	25	0	21.72
64QAM	1777.5	132647	5	1	0	22.67
64QAM	1777.5	132647	5	1	12	22.72
64QAM	1777.5	132647	5	1	24	22.54
64QAM	1777.5	132647	5	12	0	21.67
64QAM	1777.5	132647	5	12	7	21.69
64QAM	1777.5	132647	5	12	13	21.63
64QAM	1777.5	132647	5	25	0	21.72

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	132022	10	1	0	23.44
QPSK	1715	132022	10	1	25	23.49
QPSK	1715	132022	10	1	49	23.86
QPSK	1715	132022	10	25	0	22.52
QPSK	1715	132022	10	25	12	22.67
QPSK	1715	132022	10	25	25	22.71
QPSK	1715	132022	10	50	0	22.71
QPSK	1755	132422	10	1	0	23.67
QPSK	1755	132422	10	1	25	23.64
QPSK	1755	132422	10	1	49	23.61
QPSK	1755	132422	10	25	0	22.58
QPSK	1755	132422	10	25	12	22.71
QPSK	1755	132422	10	25	25	22.69
QPSK	1755	132422	10	50	0	22.67
QPSK	1775	132622	10	1	0	23.52
QPSK	1775	132622	10	1	25	23.65
QPSK	1775	132622	10	1	49	23.52
QPSK	1775	132622	10	25	0	22.53
QPSK	1775	132622	10	25	12	22.66
QPSK	1775	132622	10	25	25	22.71
QPSK	1775	132622	10	50	0	22.59

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	132022	10	1	0	23.01
16QAM	1715	132022	10	1	25	22.84
16QAM	1715	132022	10	1	49	22.78
16QAM	1715	132022	10	25	0	21.69
16QAM	1715	132022	10	25	12	21.73
16QAM	1715	132022	10	25	25	21.74
16QAM	1715	132022	10	50	0	21.65
16QAM	1755	132422	10	1	0	23.10
16QAM	1755	132422	10	1	25	22.85
16QAM	1755	132422	10	1	49	23.00
16QAM	1755	132422	10	25	0	21.56
16QAM	1755	132422	10	25	12	21.73
16QAM	1755	132422	10	25	25	21.70
16QAM	1755	132422	10	50	0	21.74
16QAM	1775	132622	10	1	0	22.96
16QAM	1775	132622	10	1	25	22.98
16QAM	1775	132622	10	1	49	22.80
16QAM	1775	132622	10	25	0	21.51
16QAM	1775	132622	10	25	12	21.55
16QAM	1775	132622	10	25	25	21.73
16QAM	1775	132622	10	50	0	21.54
64QAM	1715	132022	10	1	0	22.81
64QAM	1715	132022	10	1	25	22.36
64QAM	1715	132022	10	1	49	23.00
64QAM	1715	132022	10	25	0	21.73
64QAM	1715	132022	10	25	12	21.70
64QAM	1715	132022	10	25	25	21.78
64QAM	1715	132022	10	50	0	21.65
64QAM	1755	132422	10	1	0	22.95
64QAM	1755	132422	10	1	25	22.83
64QAM	1755	132422	10	1	49	23.11
64QAM	1755	132422	10	25	0	21.57
64QAM	1755	132422	10	25	12	21.67
64QAM	1755	132422	10	25	25	21.63
64QAM	1755	132422	10	50	0	21.68
64QAM	1775	132622	10	1	0	22.62
64QAM	1775	132622	10	1	25	22.63
64QAM	1775	132622	10	1	49	22.79
64QAM	1775	132622	10	25	0	21.52
64QAM	1775	132622	10	25	12	21.54
64QAM	1775	132622	10	25	25	21.69
64QAM	1775	132622	10	50	0	21.54

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	132047	15	1	0	23.44
QPSK	1717.5	132047	15	1	37	23.58
QPSK	1717.5	132047	15	1	74	23.47
QPSK	1717.5	132047	15	36	0	22.35
QPSK	1717.5	132047	15	36	29	22.37
QPSK	1717.5	132047	15	36	30	22.38
QPSK	1717.5	132047	15	75	0	22.42
QPSK	1755	132422	15	1	0	23.74
QPSK	1755	132422	15	1	37	23.64
QPSK	1755	132422	15	1	74	23.81
QPSK	1755	132422	15	36	0	22.43
QPSK	1755	132422	15	36	29	22.58
QPSK	1755	132422	15	36	30	22.49
QPSK	1755	132422	15	75	0	22.49
QPSK	1772.5	132597	15	1	0	23.27
QPSK	1772.5	132597	15	1	37	23.77
QPSK	1772.5	132597	15	1	74	23.64
QPSK	1772.5	132597	15	36	0	22.46
QPSK	1772.5	132597	15	36	29	22.38
QPSK	1772.5	132597	15	36	30	22.51
QPSK	1772.5	132597	15	75	0	22.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	132047	15	1	0	22.47
16QAM	1717.5	132047	15	1	37	22.51
16QAM	1717.5	132047	15	1	74	22.91
16QAM	1717.5	132047	15	36	0	21.56
16QAM	1717.5	132047	15	36	29	21.40
16QAM	1717.5	132047	15	36	30	21.50
16QAM	1717.5	132047	15	75	0	21.62
16QAM	1755	132422	15	1	0	22.69
16QAM	1755	132422	15	1	37	22.53
16QAM	1755	132422	15	1	74	22.59
16QAM	1755	132422	15	36	0	21.48
16QAM	1755	132422	15	36	29	21.57
16QAM	1755	132422	15	36	30	21.52
16QAM	1755	132422	15	75	0	21.58
16QAM	1772.5	132597	15	1	0	22.35
16QAM	1772.5	132597	15	1	37	22.74
16QAM	1772.5	132597	15	1	74	22.81
16QAM	1772.5	132597	15	36	0	21.32
16QAM	1772.5	132597	15	36	29	21.59
16QAM	1772.5	132597	15	36	30	21.63
16QAM	1772.5	132597	15	75	0	21.48
64QAM	1717.5	132047	15	1	0	22.37
64QAM	1717.5	132047	15	1	37	22.37
64QAM	1717.5	132047	15	1	74	22.61
64QAM	1717.5	132047	15	36	0	21.59
64QAM	1717.5	132047	15	36	29	21.56
64QAM	1717.5	132047	15	36	30	21.62
64QAM	1717.5	132047	15	75	0	21.43
64QAM	1755	132422	15	1	0	23.47
64QAM	1755	132422	15	1	37	22.64
64QAM	1755	132422	15	1	74	22.91
64QAM	1755	132422	15	36	0	21.58
64QAM	1755	132422	15	36	29	21.61
64QAM	1755	132422	15	36	30	21.49
64QAM	1755	132422	15	75	0	21.49
64QAM	1772.5	132597	15	1	0	22.52
64QAM	1772.5	132597	15	1	37	22.43
64QAM	1772.5	132597	15	1	74	22.47
64QAM	1772.5	132597	15	36	0	21.56
64QAM	1772.5	132597	15	36	29	21.50
64QAM	1772.5	132597	15	36	30	21.53
64QAM	1772.5	132597	15	75	0	21.49

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	132072	20	1	0	23.44
QPSK	1720	132072	20	1	49	23.40
QPSK	1720	132072	20	1	99	23.56
QPSK	1720	132072	20	50	0	22.32
QPSK	1720	132072	20	50	24	22.47
QPSK	1720	132072	20	50	50	22.57
QPSK	1720	132072	20	100	0	23.34
QPSK	1755	132422	20	1	0	23.58
QPSK	1755	132422	20	1	49	23.74
QPSK	1755	132422	20	1	99	23.30
QPSK	1755	132422	20	50	0	22.30
QPSK	1755	132422	20	50	24	22.50
QPSK	1755	132422	20	50	50	22.57
QPSK	1755	132422	20	100	0	22.48
QPSK	1770	132572	20	1	0	23.58
QPSK	1770	132572	20	1	49	23.33
QPSK	1770	132572	20	1	99	23.23
QPSK	1770	132572	20	50	0	22.42
QPSK	1770	132572	20	50	24	22.40
QPSK	1770	132572	20	50	50	22.55
QPSK	1770	132572	20	100	0	22.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
256QAM	1720	132072	20	1	0	18.49
256QAM	1755	132422	20	1	0	18.36
256QAM	1770	132572	20	1	0	18.41

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1720	132072	20	1	0	22.55
16QAM	1720	132072	20	1	49	22.82
16QAM	1720	132072	20	1	99	22.78
16QAM	1720	132072	20	50	0	21.32
16QAM	1720	132072	20	50	24	21.49
16QAM	1720	132072	20	50	50	21.41
16QAM	1720	132072	20	100	0	21.34
16QAM	1755	132422	20	1	0	23.14
16QAM	1755	132422	20	1	49	22.40
16QAM	1755	132422	20	1	99	22.67
16QAM	1755	132422	20	50	0	21.45
16QAM	1755	132422	20	50	24	21.46
16QAM	1755	132422	20	50	50	21.62
16QAM	1755	132422	20	100	0	21.54
16QAM	1770	132572	20	1	0	22.47
16QAM	1770	132572	20	1	49	22.46
16QAM	1770	132572	20	1	99	22.34
16QAM	1770	132572	20	50	0	21.42
16QAM	1770	132572	20	50	24	21.19
16QAM	1770	132572	20	50	50	21.65
16QAM	1770	132572	20	100	0	21.48
64QAM	1720	132072	20	1	0	22.73
64QAM	1720	132072	20	1	49	22.71
64QAM	1720	132072	20	1	99	22.89
64QAM	1720	132072	20	50	0	21.43
64QAM	1720	132072	20	50	24	21.50
64QAM	1720	132072	20	50	50	21.50
64QAM	1720	132072	20	100	0	21.50
64QAM	1755	132422	20	1	0	22.48
64QAM	1755	132422	20	1	49	22.27
64QAM	1755	132422	20	1	99	22.30
64QAM	1755	132422	20	50	0	21.40
64QAM	1755	132422	20	50	24	21.48
64QAM	1755	132422	20	50	50	21.54
64QAM	1755	132422	20	100	0	21.58
64QAM	1770	132572	20	1	0	22.85
64QAM	1770	132572	20	1	49	22.64
64QAM	1770	132572	20	1	99	22.79
64QAM	1770	132572	20	50	0	21.42
64QAM	1770	132572	20	50	24	21.50
64QAM	1770	132572	20	50	50	21.56
64QAM	1770	132572	20	100	0	21.44

2 Occupied Bandwidth

Aggregated BW	Modulation	PCC	SCC	Range	99% BW (MHz)	
5+20	QPSK	25@0	100@0	low	23.2	Fig.1
5+20	16QAM	25@0	100@0	low	23.2	Fig.2
5+20	64QAM	25@0	100@0	low	23.3	Fig.3
5+20	QPSK	25@0	100@0	mid	23.3	Fig.4
5+20	16QAM	25@0	100@0	mid	23.2	Fig.5
5+20	64QAM	25@0	100@0	mid	23.3	Fig.6
5+20	QPSK	25@0	100@0	high	23.3	Fig.7
5+20	16QAM	25@0	100@0	high	23.3	Fig.8
5+20	64QAM	25@0	100@0	high	23.2	Fig.9
10+15	QPSK	50@0	75@0	low	23.5	Fig.10
10+20	QPSK	50@0	100@0	low	28.1	Fig.11
10+15	16QAM	50@0	75@0	low	23.5	Fig.12
10+20	16QAM	50@0	100@0	low	28.0	Fig.13
10+15	64QAM	50@0	75@0	low	23.5	Fig.14
10+20	64QAM	50@0	100@0	low	28.0	Fig.15
10+15	QPSK	50@0	75@0	mid	23.5	Fig.16
10+20	QPSK	50@0	100@0	mid	28.1	Fig.17
10+15	16QAM	50@0	75@0	mid	23.5	Fig.18
10+20	16QAM	50@0	100@0	mid	28.1	Fig.19
10+15	64QAM	50@0	75@0	mid	23.5	Fig.20
10+20	64QAM	50@0	100@0	mid	28.1	Fig.21
10+15	QPSK	50@0	75@0	high	23.5	Fig.22
10+20	QPSK	50@0	100@0	high	28.1	Fig.23
10+15	16QAM	50@0	75@0	high	23.5	Fig.24
10+20	16QAM	50@0	100@0	high	28.0	Fig.25
10+15	64QAM	50@0	75@0	high	23.5	Fig.26
10+20	64QAM	50@0	100@0	high	28.1	Fig.27

Aggregated BW	Modulation	PCC	SCC	Range	99% BW (MHz)	
15+15	QPSK	75@0	75@0	low	28.7	Fig.1
15+20	QPSK	75@0	100@0	low	33.0	Fig.2
15+15	16QAM	75@0	75@0	low	28.7	Fig.3
15+20	16QAM	75@0	100@0	low	32.9	Fig.4
15+15	64QAM	75@0	75@0	low	28.5	Fig.5
15+20	64QAM	75@0	100@0	low	32.9	Fig.6
15+15	QPSK	75@0	75@0	mid	28.7	Fig.7
15+20	QPSK	75@0	100@0	mid	32.8	Fig.8
15+15	16QAM	75@0	75@0	mid	28.7	Fig.9
15+20	16QAM	75@0	100@0	mid	32.8	Fig.10
15+15	64QAM	75@0	75@0	mid	28.6	Fig.11
15+20	64QAM	75@0	100@0	mid	33.0	Fig.12
15+15	QPSK	75@0	75@0	high	28.7	Fig.13
15+20	QPSK	75@0	100@0	high	33.0	Fig.14
15+15	16QAM	75@0	75@0	high	28.6	Fig.15
15+20	16QAM	75@0	100@0	high	32.9	Fig.16
15+15	64QAM	75@0	75@0	high	28.6	Fig.17
15+20	64QAM	75@0	100@0	high	32.9	Fig.18

Aggregated BW	Modulation	PCC	SCC	Range	99% BW (MHz)	
20+5	QPSK	100@0	25@0	low	23.3	Fig.1
20+10	QPSK	100@0	50@0	low	27.9	Fig.2
20+15	QPSK	100@0	75@0	low	32.9	Fig.3
20+20	QPSK	100@0	100@0	low	37.8	Fig.4
20+5	16QAM	100@0	25@0	low	23.2	Fig.5
20+10	16QAM	100@0	50@0	low	28.0	Fig.6
20+15	16QAM	100@0	75@0	low	32.8	Fig.7
20+20	16QAM	100@0	100@0	low	37.7	Fig.8
20+5	64QAM	100@0	25@0	low	23.3	Fig.9
20+10	64QAM	100@0	50@0	low	28.0	Fig.10
20+15	64QAM	100@0	75@0	low	32.9	Fig.11
20+20	64QAM	100@0	100@0	low	37.7	Fig.12
20+5	QPSK	100@0	25@0	low	23.3	Fig.13
20+10	QPSK	100@0	50@0	low	28.0	Fig.14
20+15	QPSK	100@0	75@0	low	32.9	Fig.15
20+20	QPSK	100@0	100@0	low	37.8	Fig.16
20+5	16QAM	100@0	25@0	low	23.3	Fig.17
20+10	16QAM	100@0	50@0	low	28.0	Fig.18
20+15	16QAM	100@0	75@0	low	32.8	Fig.19
20+20	16QAM	100@0	100@0	low	37.8	Fig.20
20+5	64QAM	100@0	25@0	low	23.2	Fig.21
20+10	64QAM	100@0	50@0	low	27.9	Fig.22
20+15	64QAM	100@0	75@0	low	32.9	Fig.23
20+20	64QAM	100@0	100@0	low	37.6	Fig.24
20+5	QPSK	100@0	25@0	low	23.1	Fig.25
20+10	QPSK	100@0	50@0	low	28.0	Fig.26
20+15	QPSK	100@0	75@0	low	32.9	Fig.27
20+20	QPSK	100@0	100@0	low	37.8	Fig.28
20+5	16QAM	100@0	25@0	low	23.2	Fig.29
20+10	16QAM	100@0	50@0	low	28.0	Fig.30
20+15	16QAM	100@0	75@0	low	32.8	Fig.31
20+20	16QAM	100@0	100@0	low	37.8	Fig.32
20+5	64QAM	100@0	25@0	low	23.1	Fig.33
20+10	64QAM	100@0	50@0	low	28.0	Fig.34
20+15	64QAM	100@0	75@0	low	32.8	Fig.35
20+20	64QAM	100@0	100@0	low	37.8	Fig.36

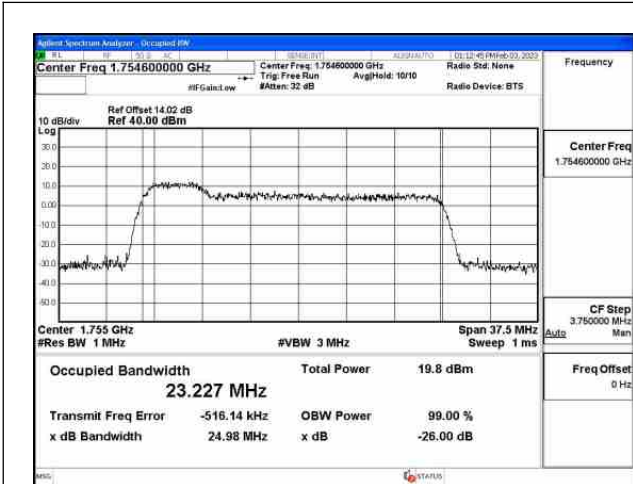


Fig.1

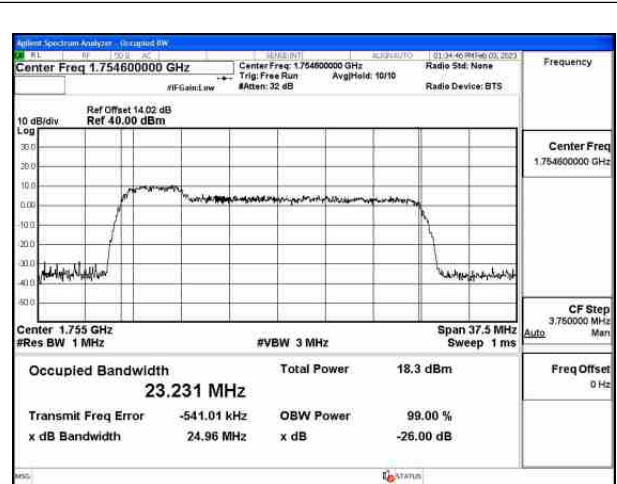


Fig.2

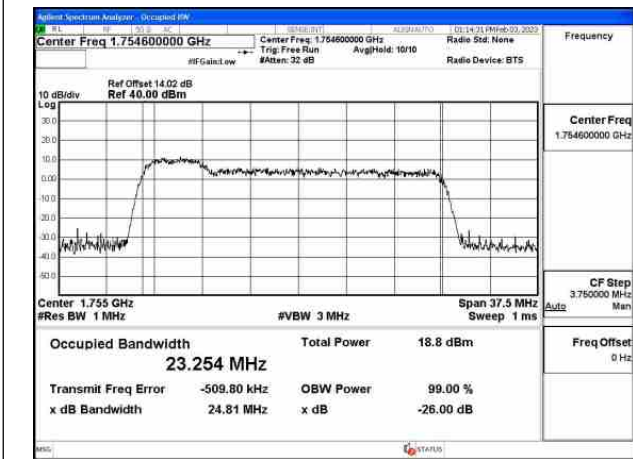


Fig.3

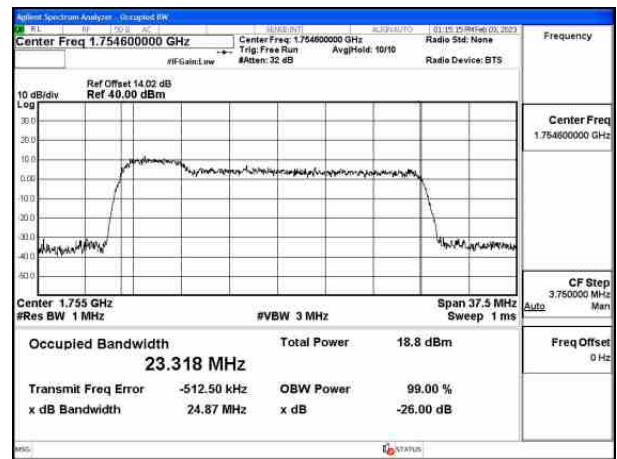


Fig.4

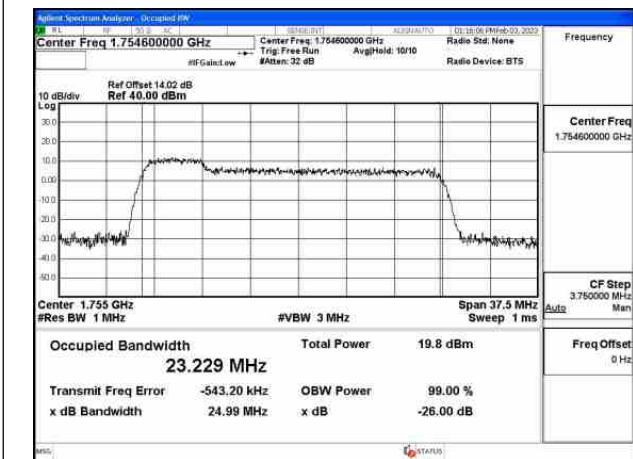


Fig.5

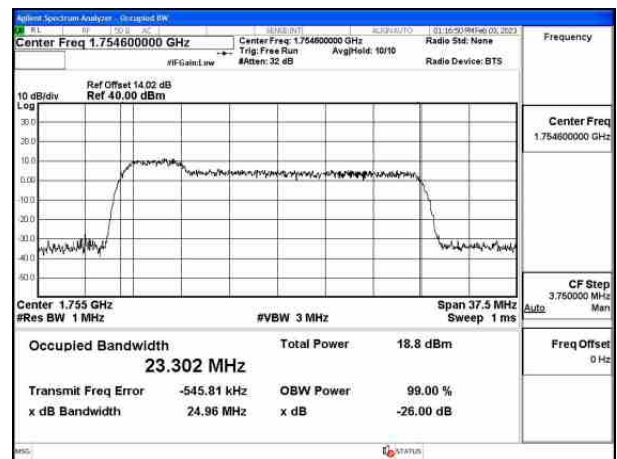


Fig.6

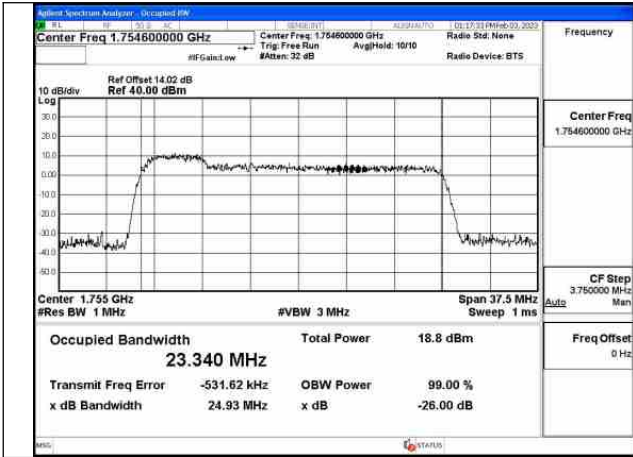


Fig.7

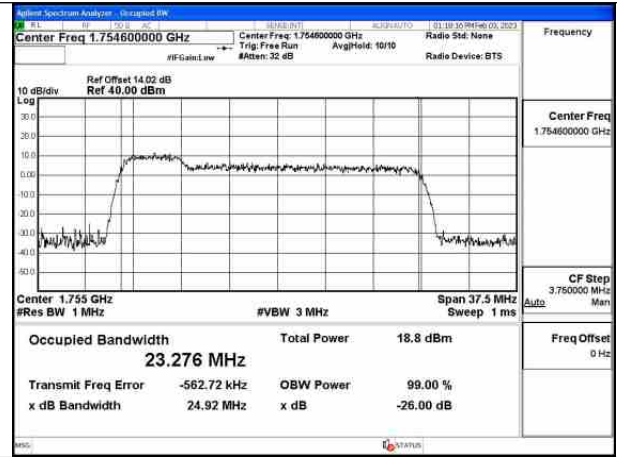


Fig.8

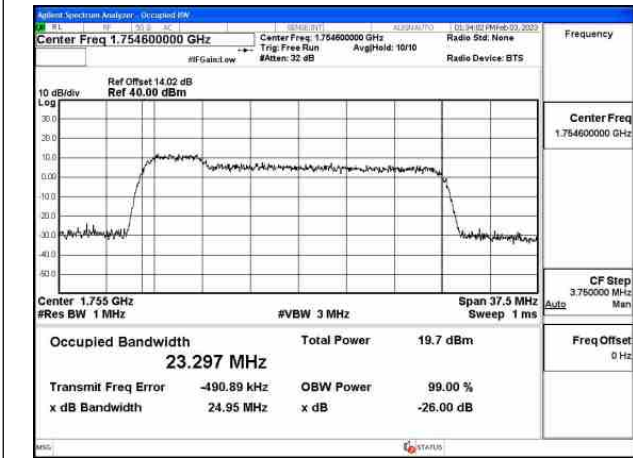


Fig.9

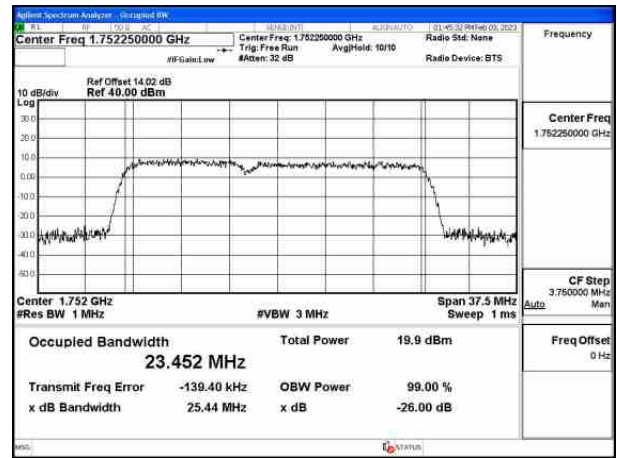


Fig.10

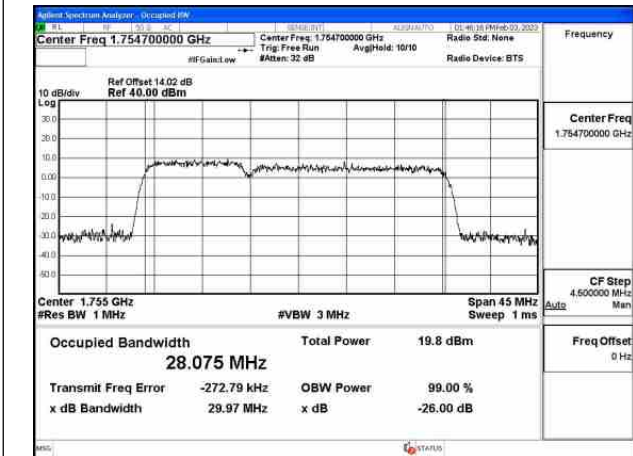


Fig.11

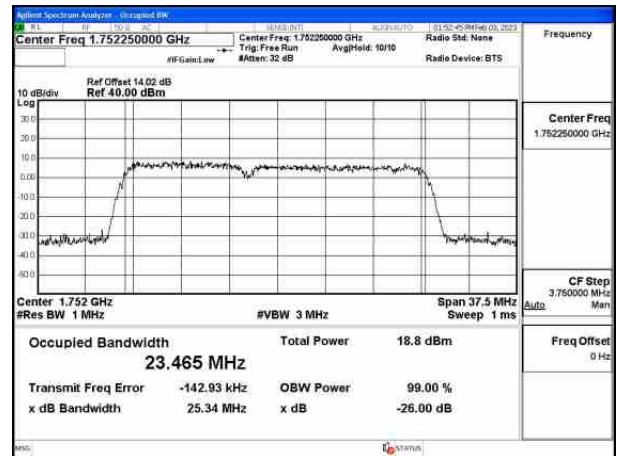


Fig.12

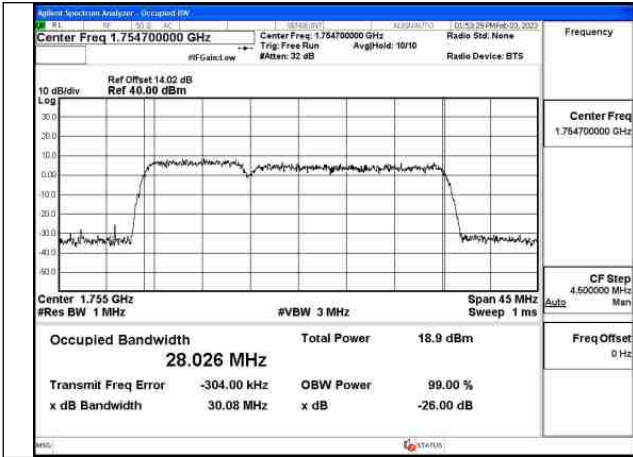


Fig.13

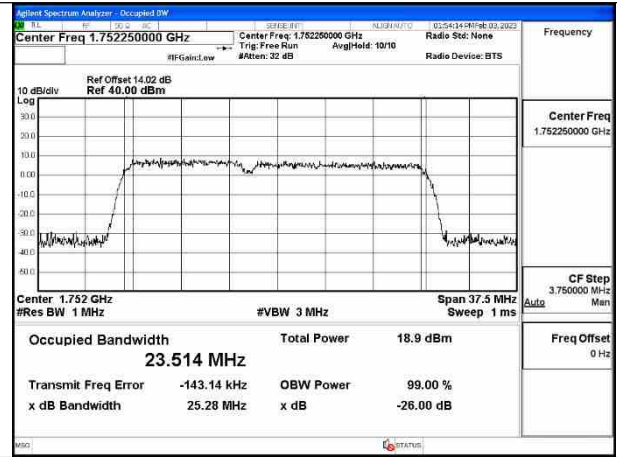


Fig.14

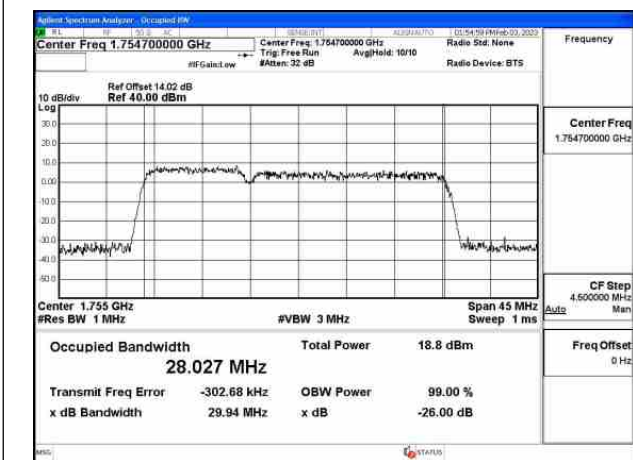


Fig.15

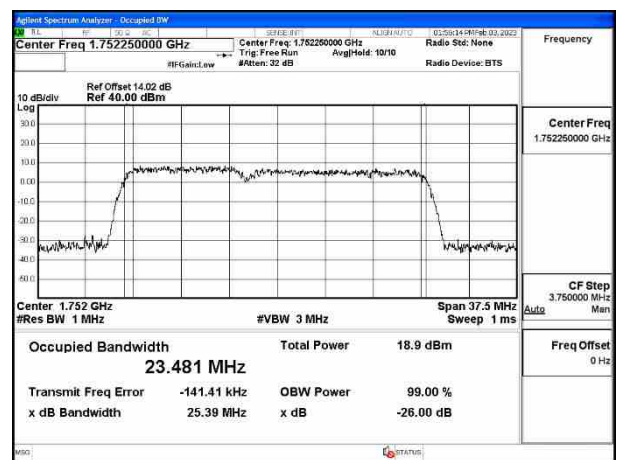


Fig.16

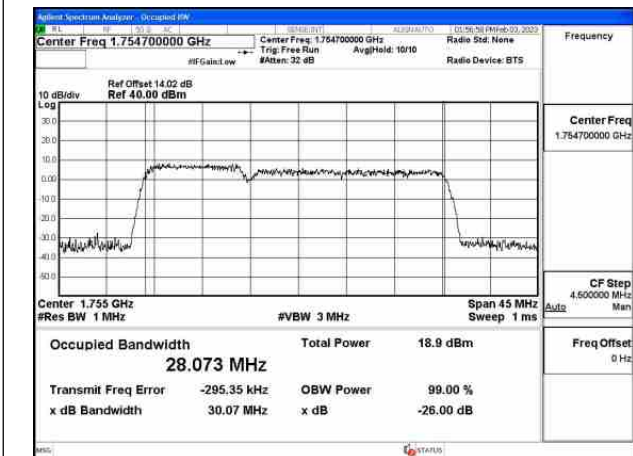


Fig.17

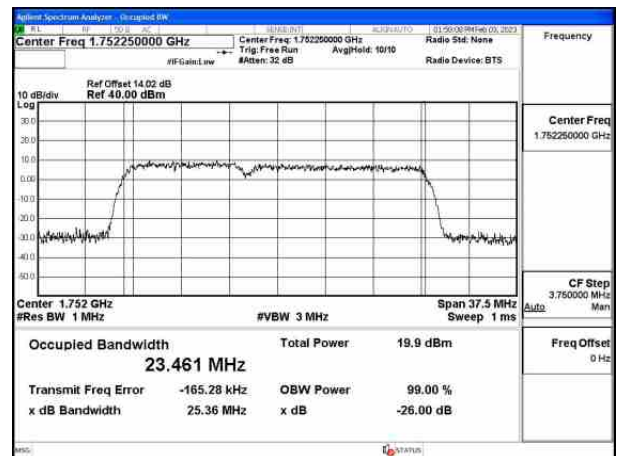


Fig.18

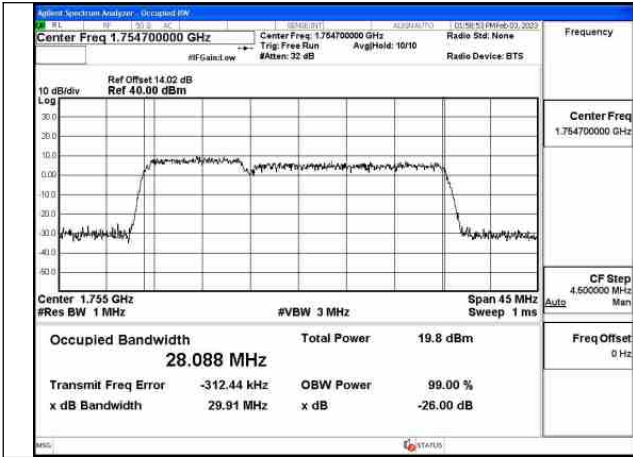


Fig.19

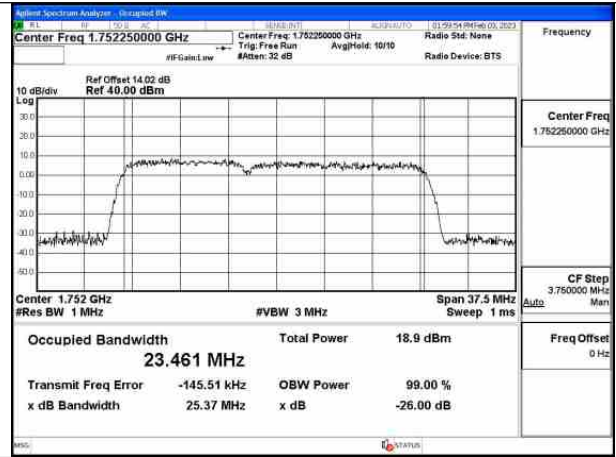


Fig.20

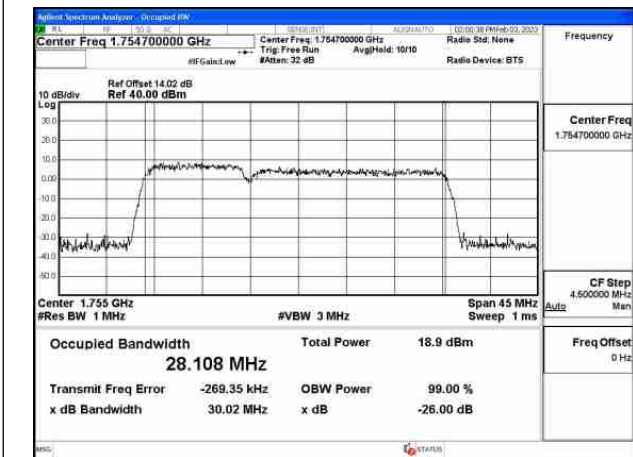


Fig.21

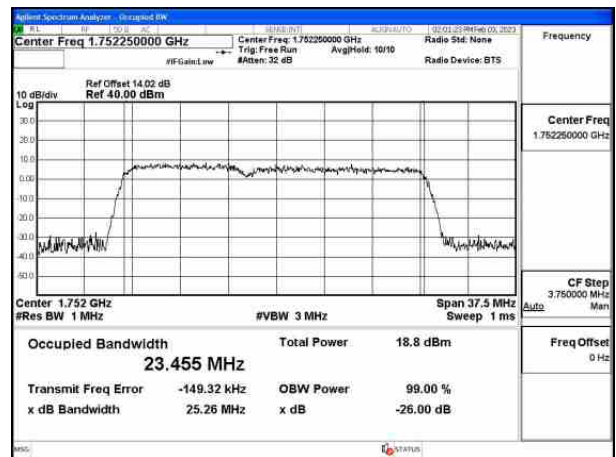


Fig.22

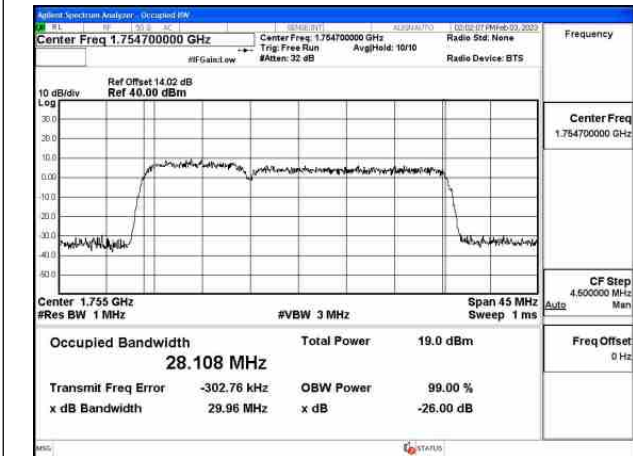


Fig.23

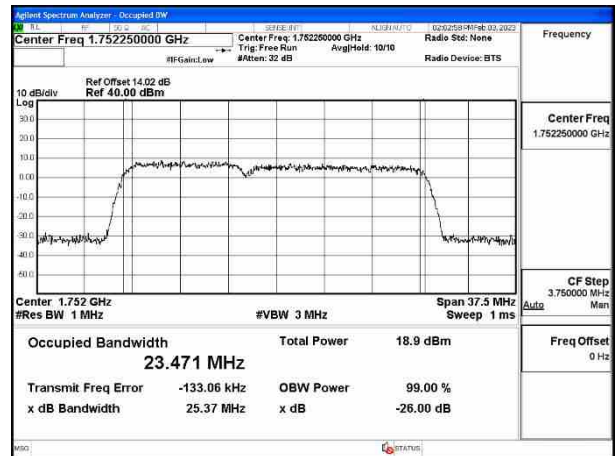


Fig.24

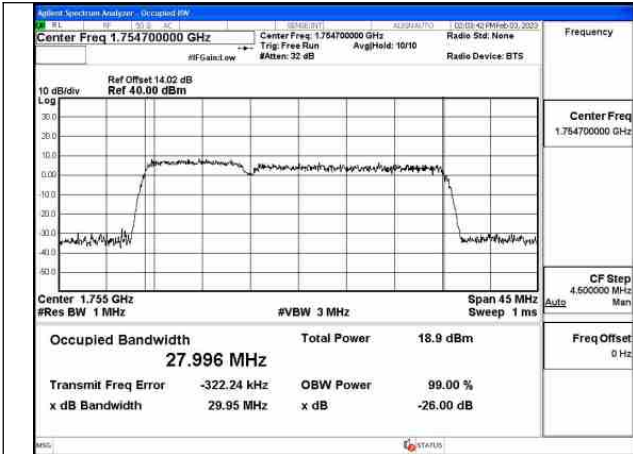


Fig.25

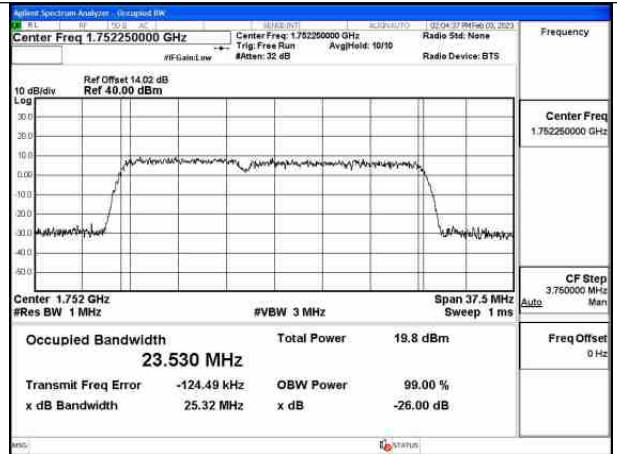


Fig.26

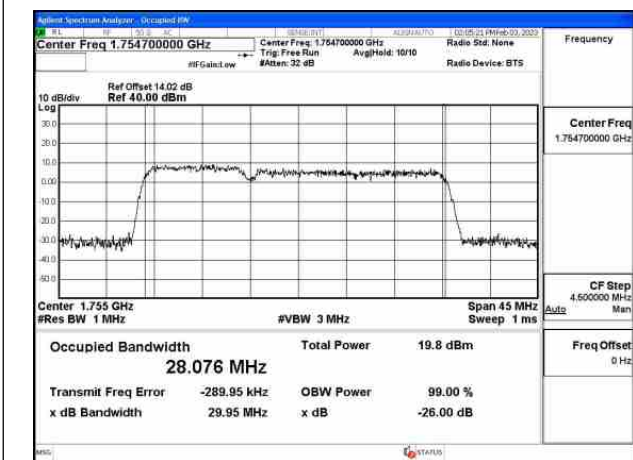


Fig.27

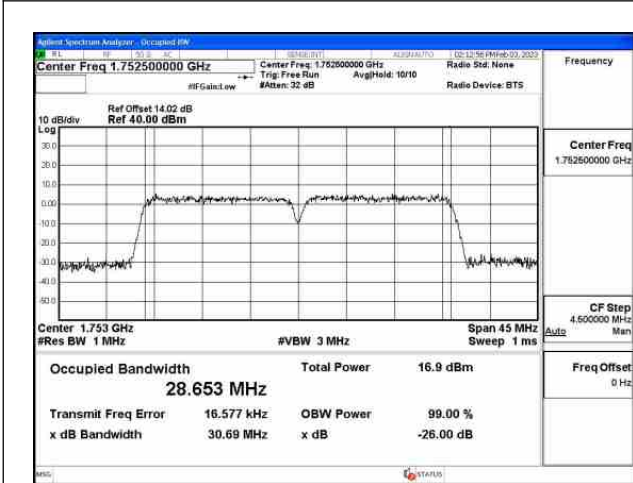


Fig.1

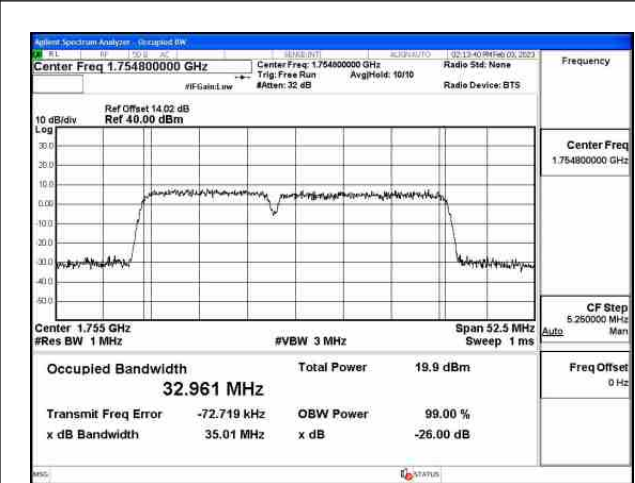


Fig.2

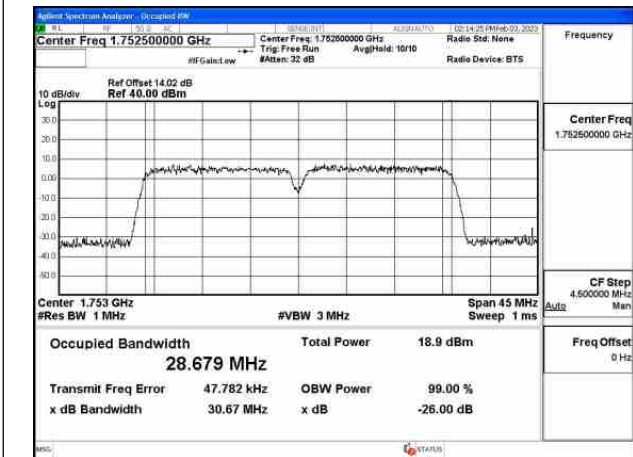


Fig.3

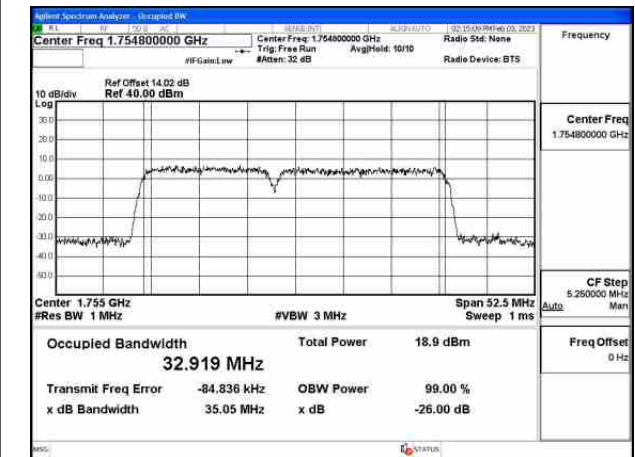


Fig.4

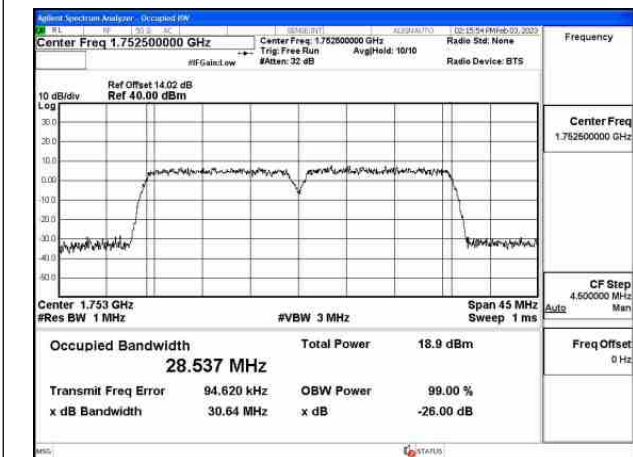


Fig.5

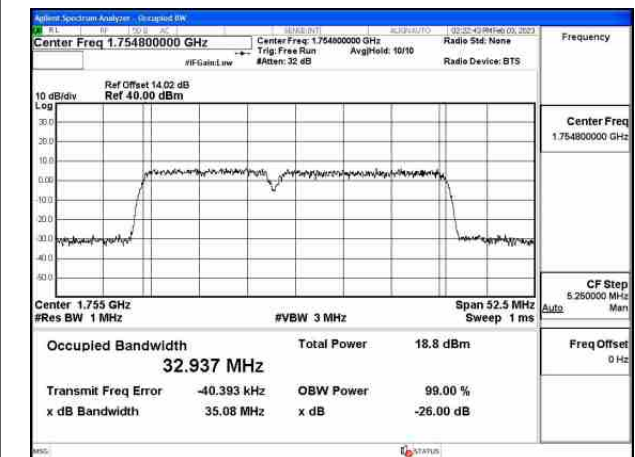


Fig.6

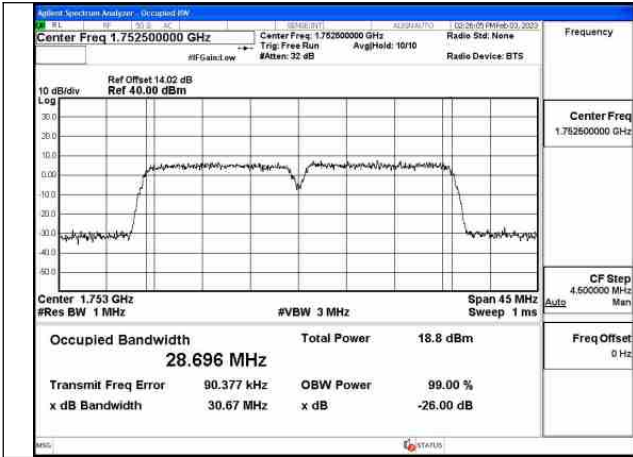


Fig.7

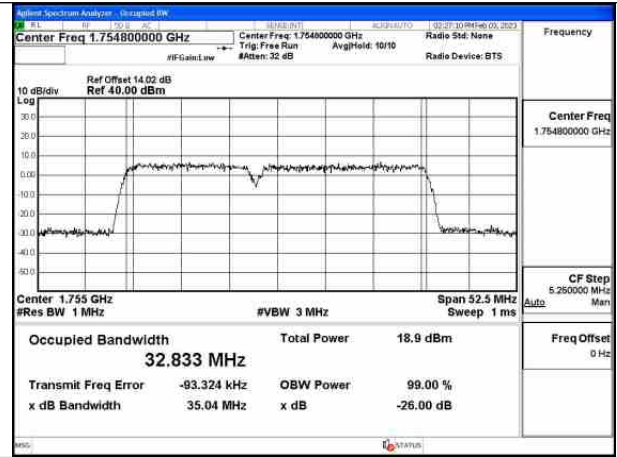


Fig.8

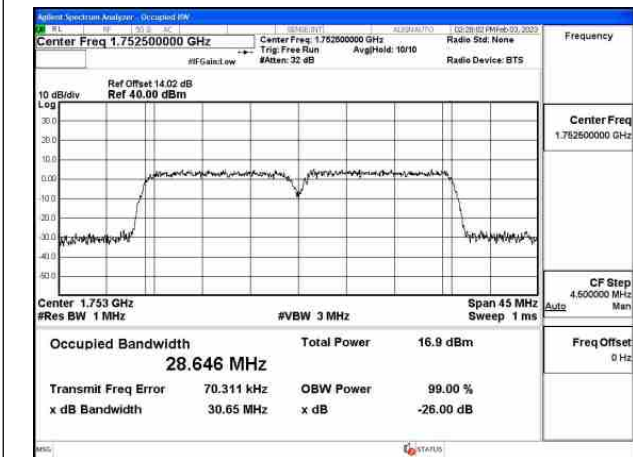


Fig.9

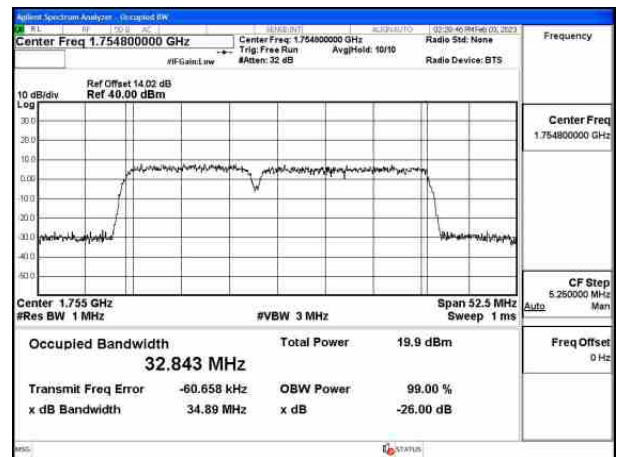


Fig.10

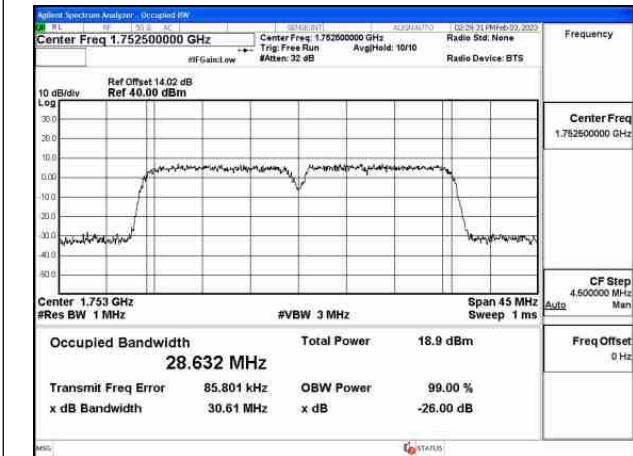


Fig.11

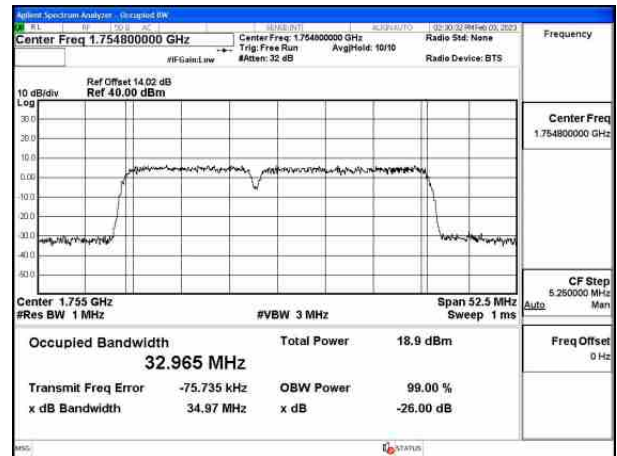


Fig.12

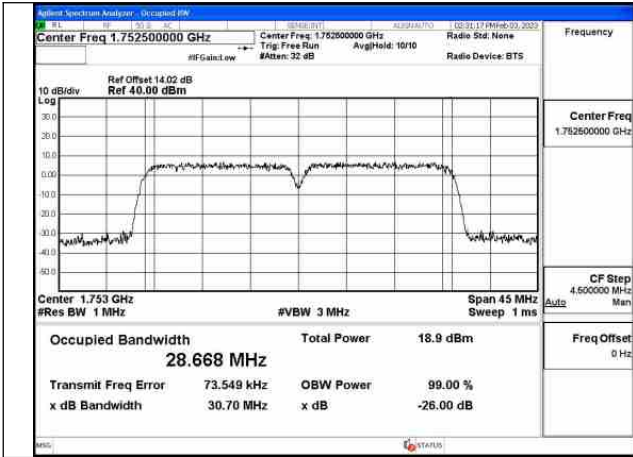


Fig.13

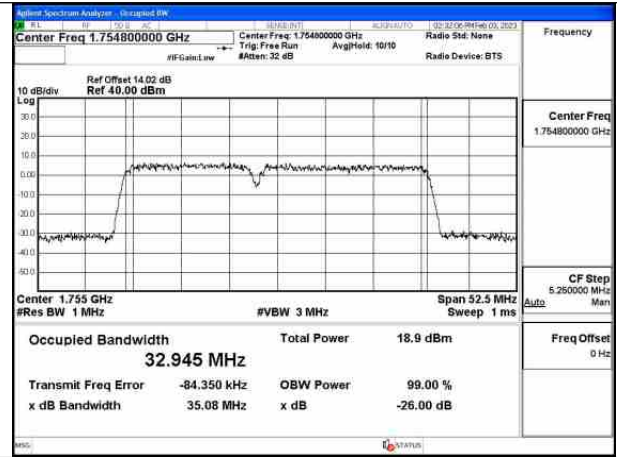


Fig.14

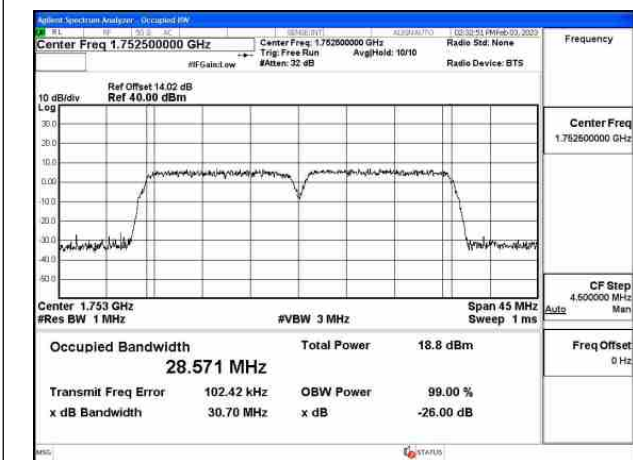


Fig.15

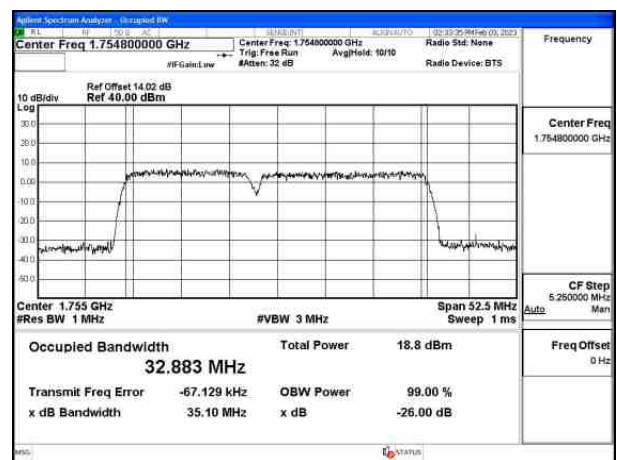


Fig.16

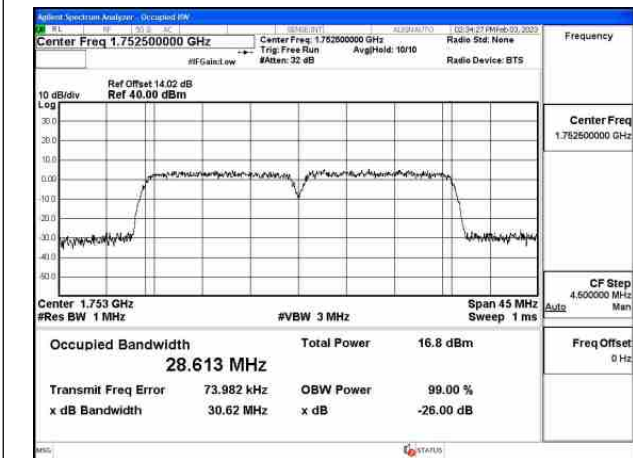


Fig.17

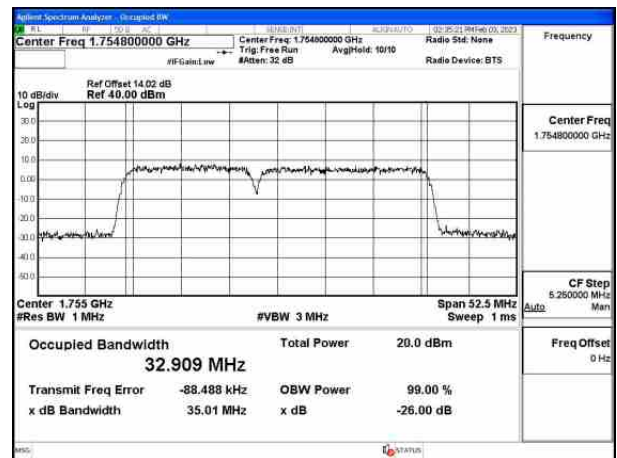


Fig.18

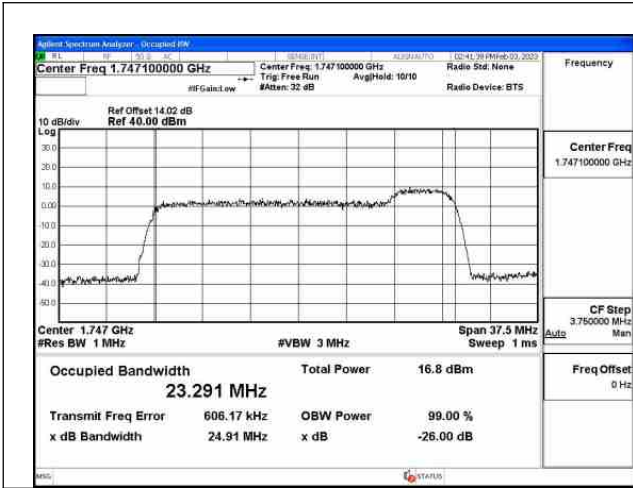


Fig.1

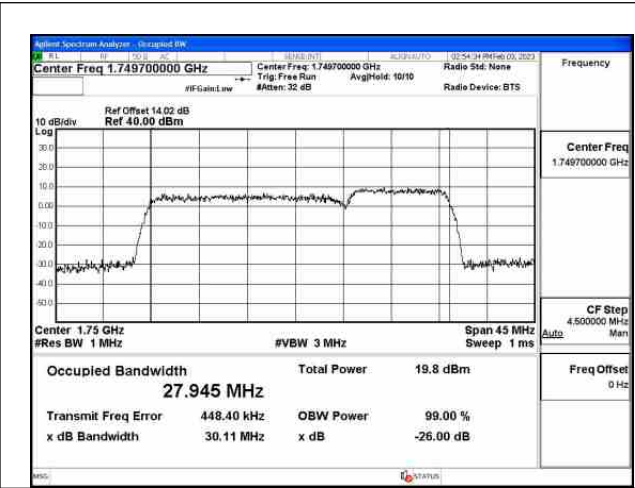


Fig.2

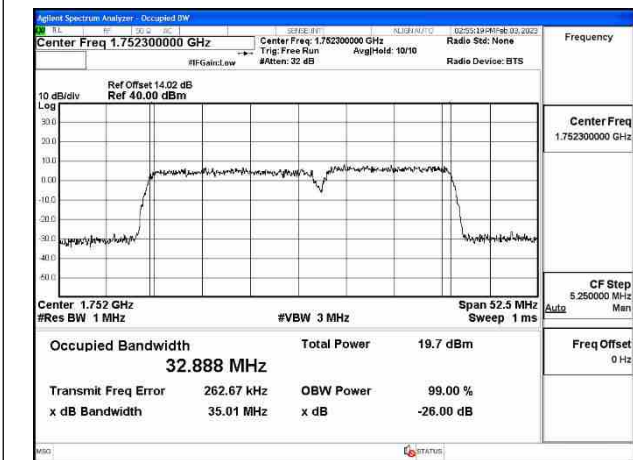


Fig.3

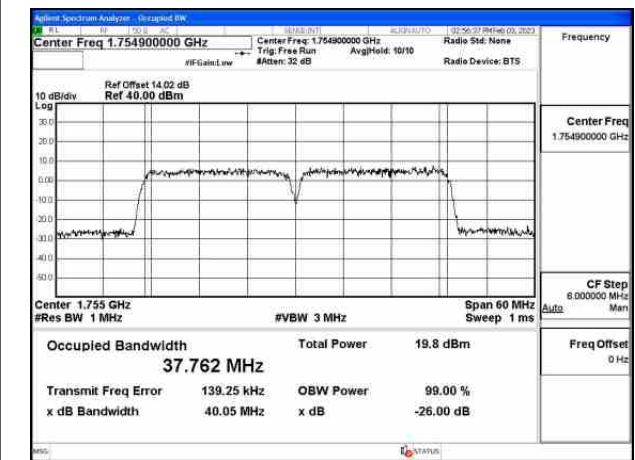


Fig.4

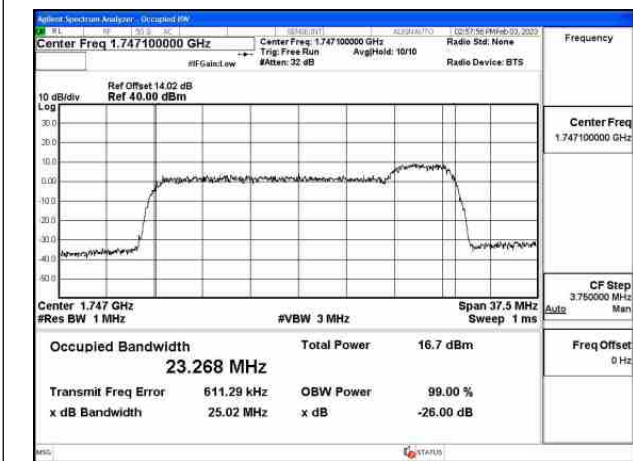


Fig.5

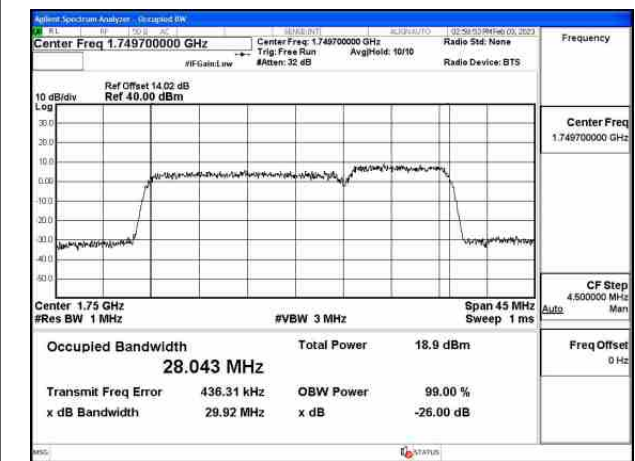


Fig.6

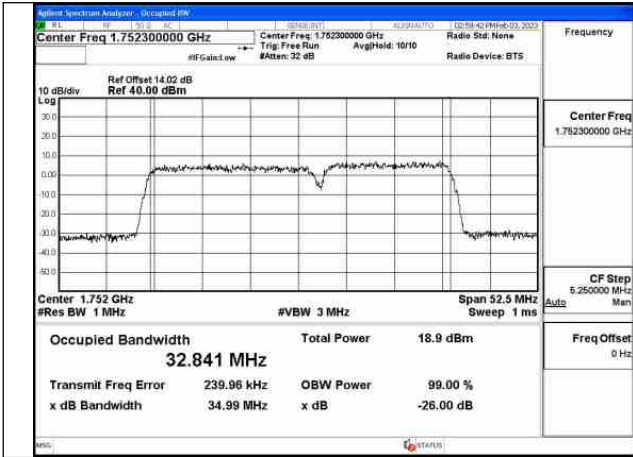


Fig.7

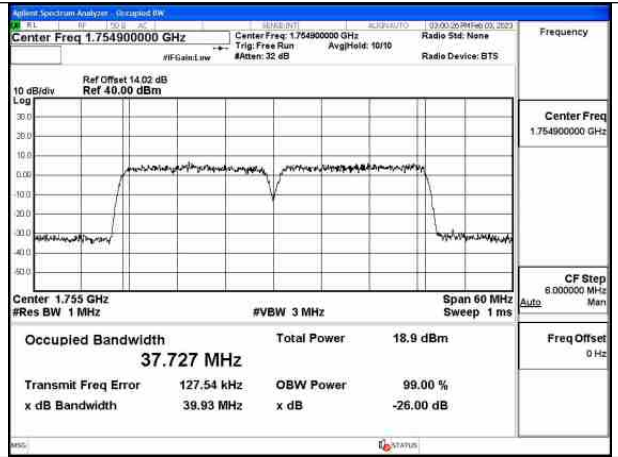


Fig.8

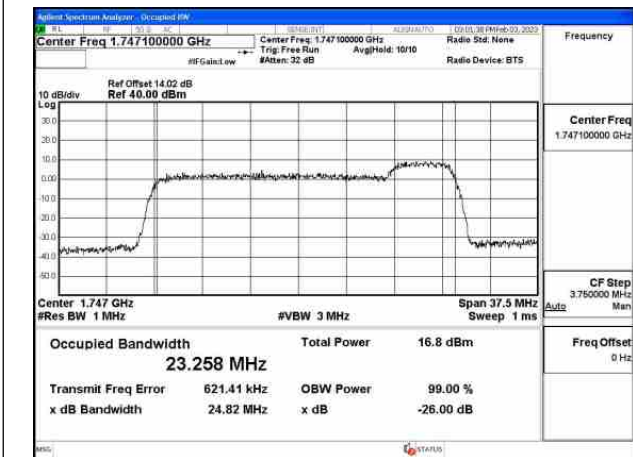


Fig.9

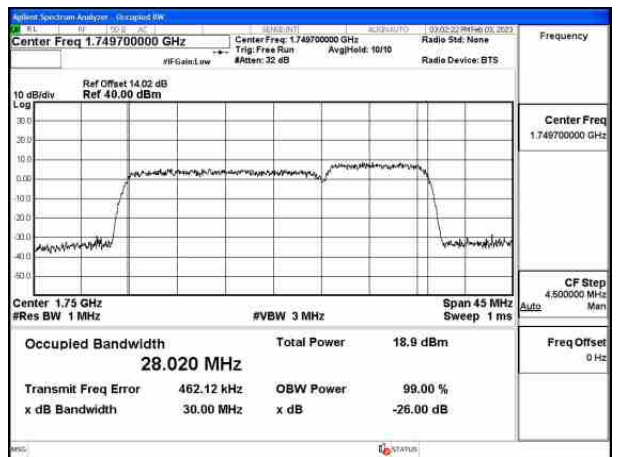


Fig.10

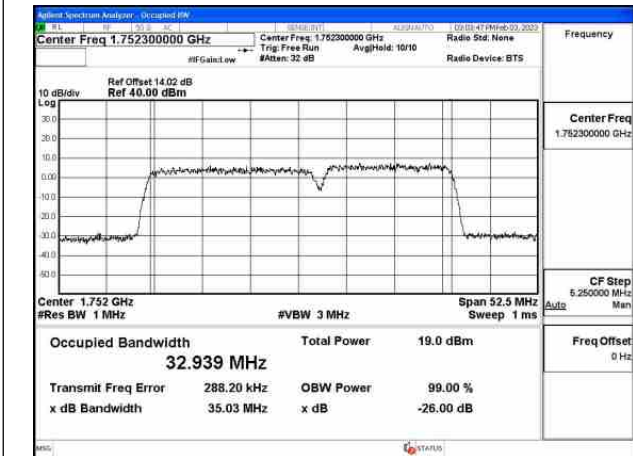


Fig.11

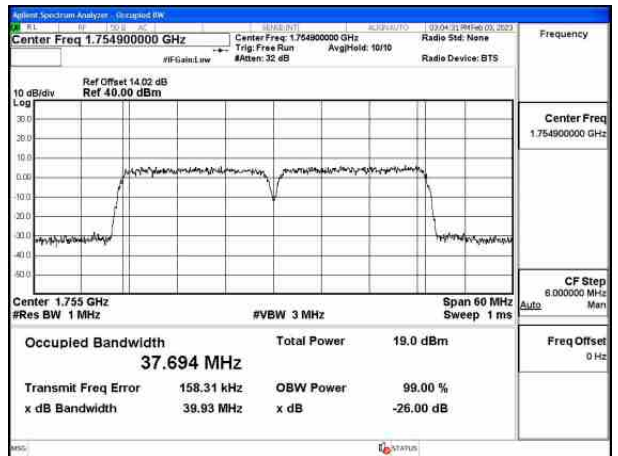


Fig.12

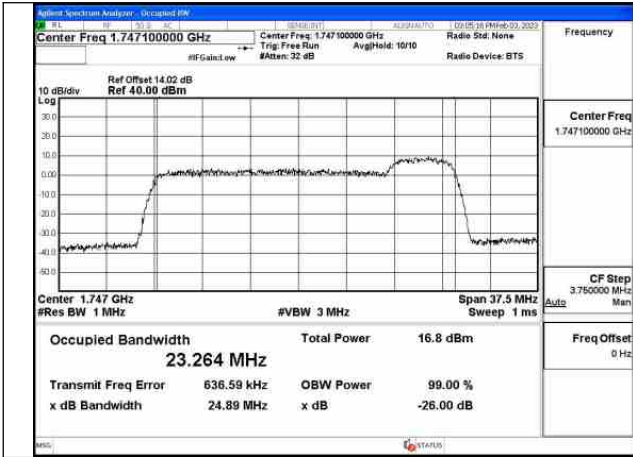


Fig.13

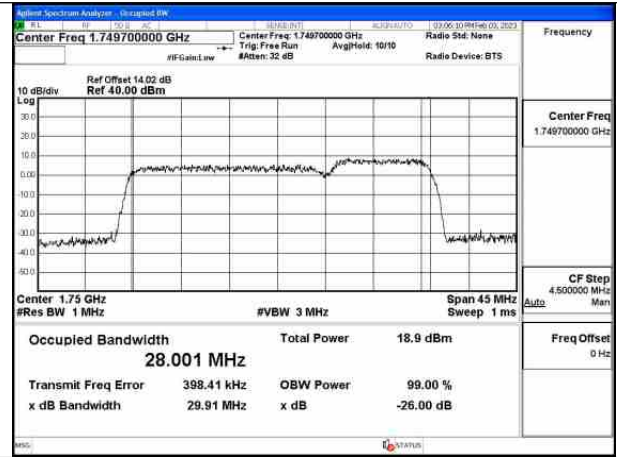


Fig.14

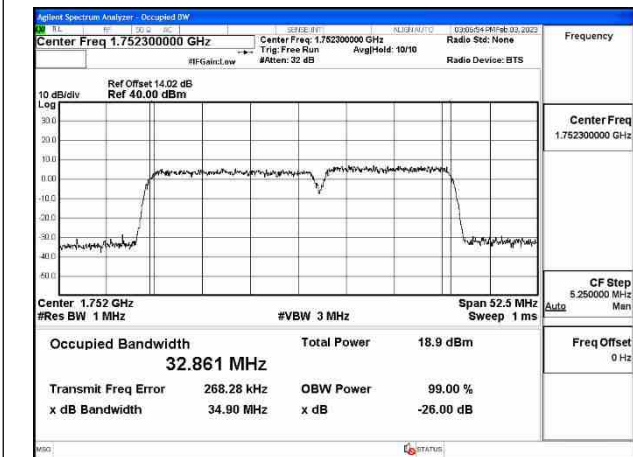


Fig.15

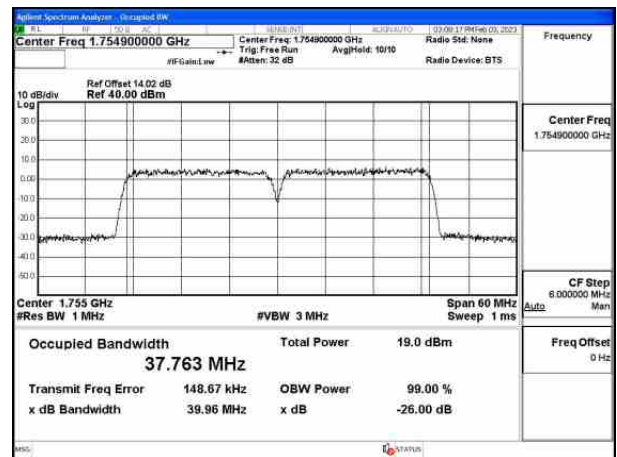


Fig.16

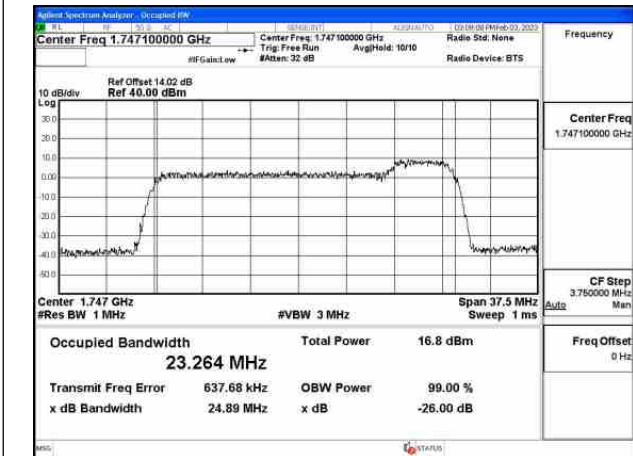


Fig.17

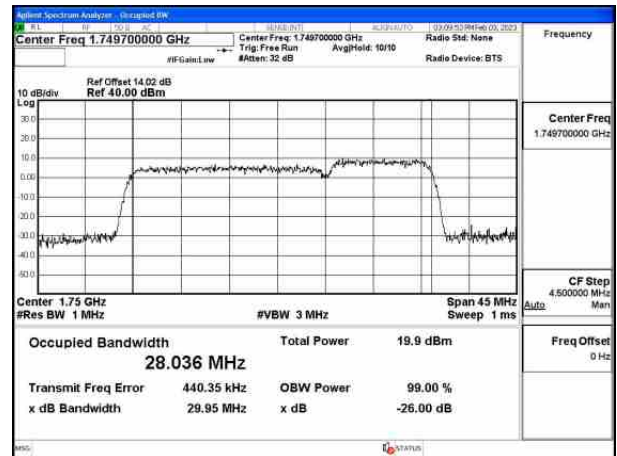


Fig.18

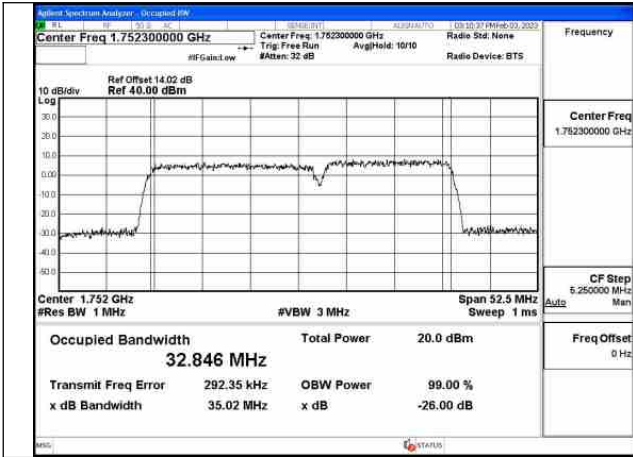


Fig.19

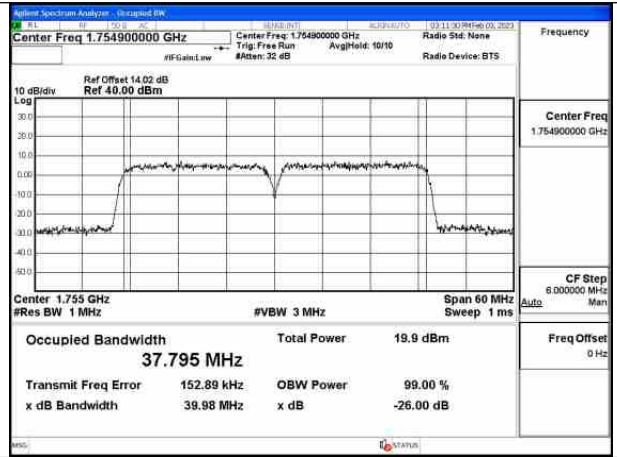


Fig.20

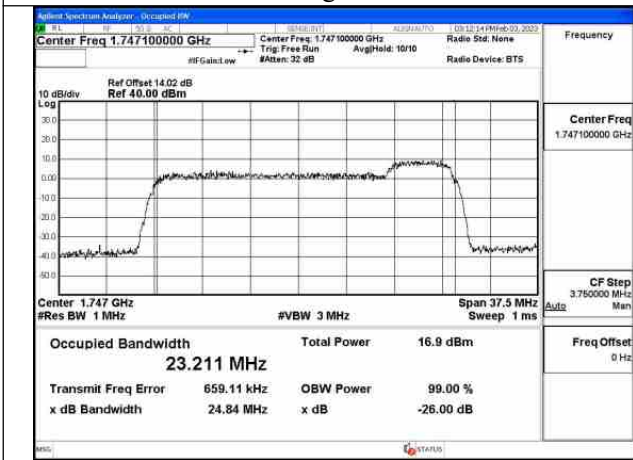


Fig.21

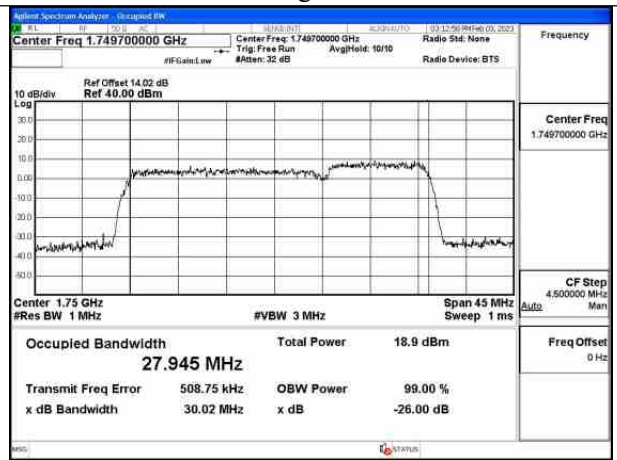


Fig.22

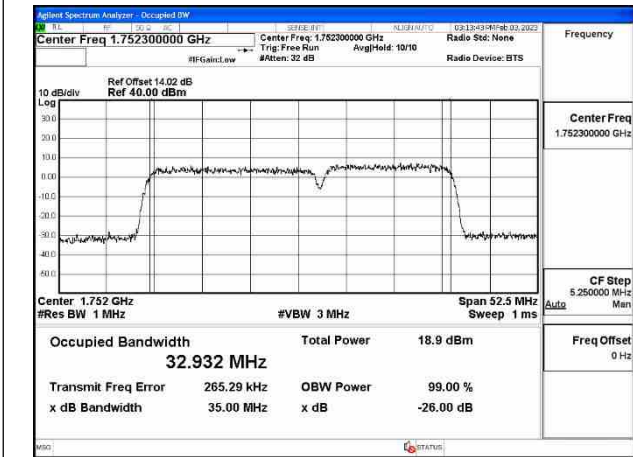


Fig.23

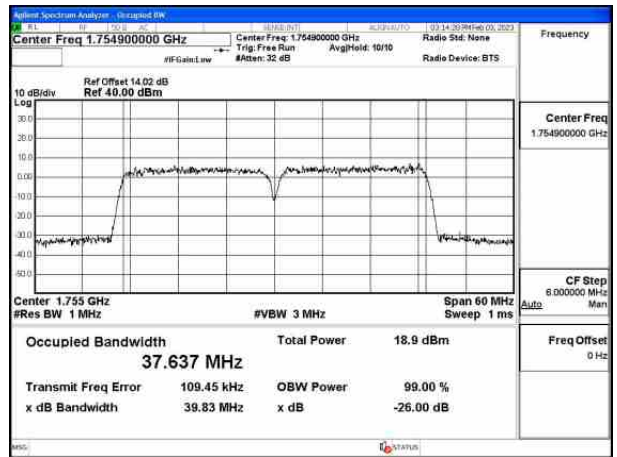


Fig.24

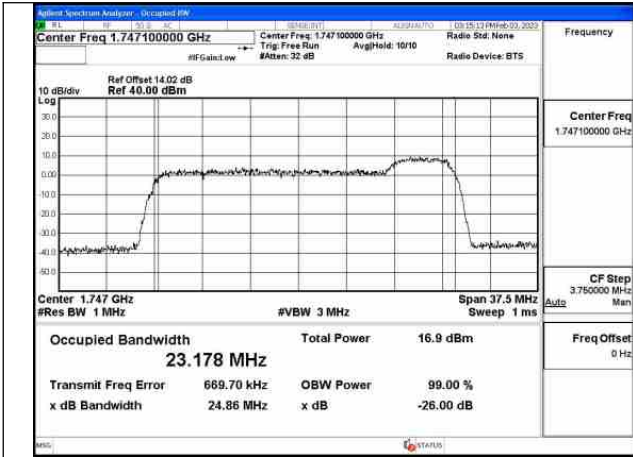


Fig.25

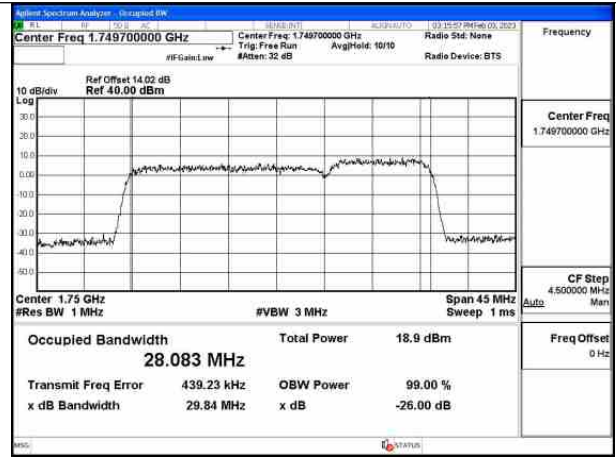


Fig.26

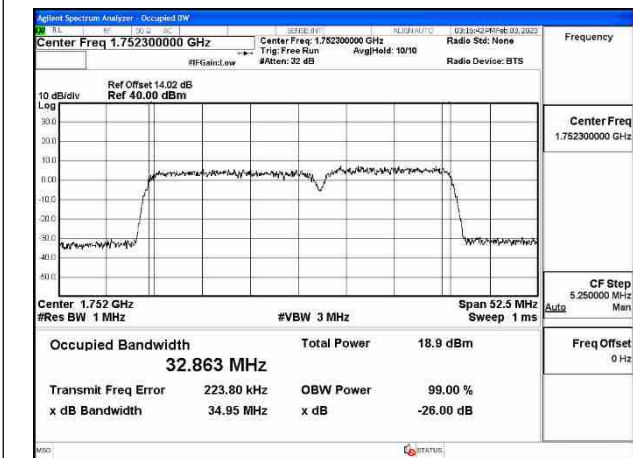


Fig.27

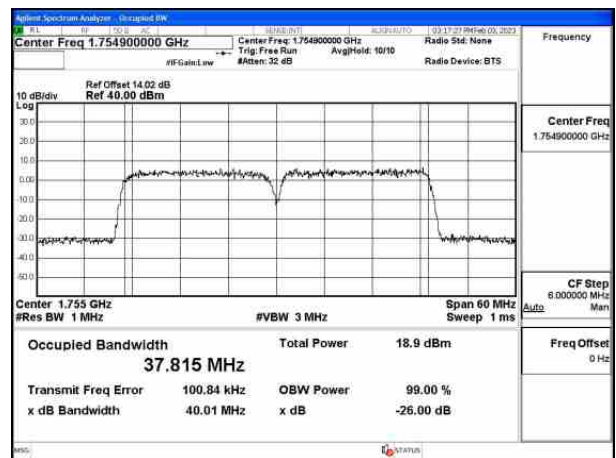


Fig.28

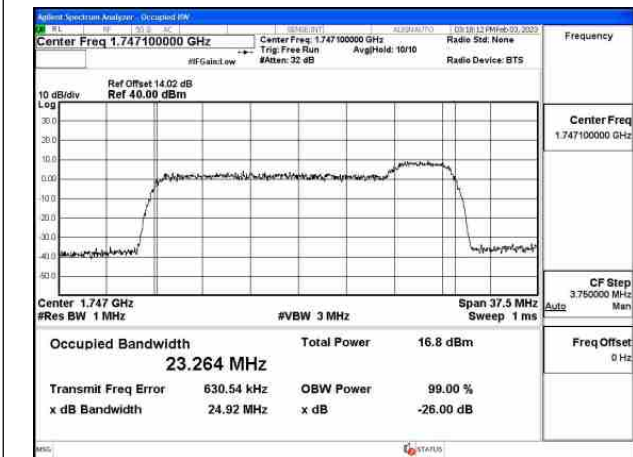


Fig.29

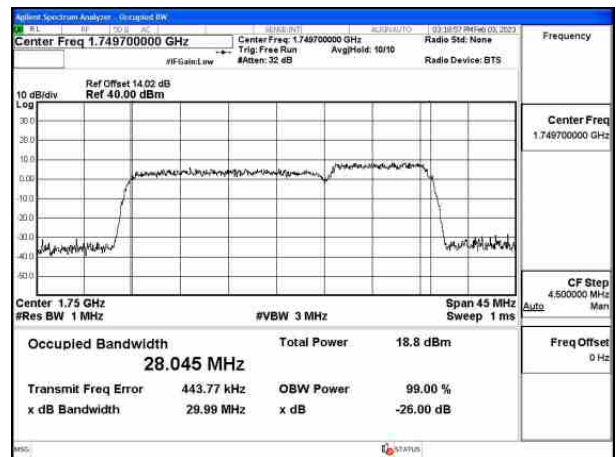


Fig.30

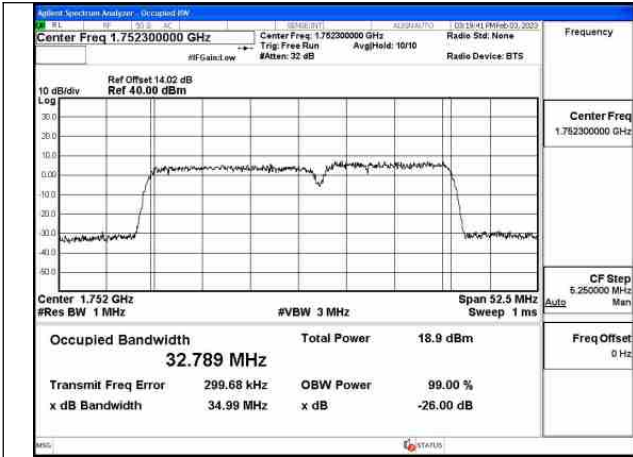


Fig.31

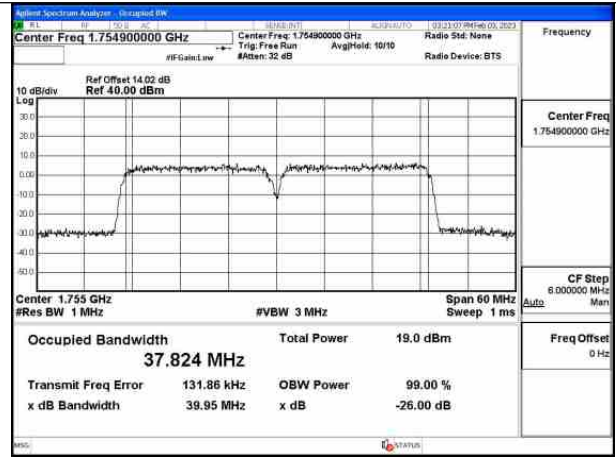


Fig.32

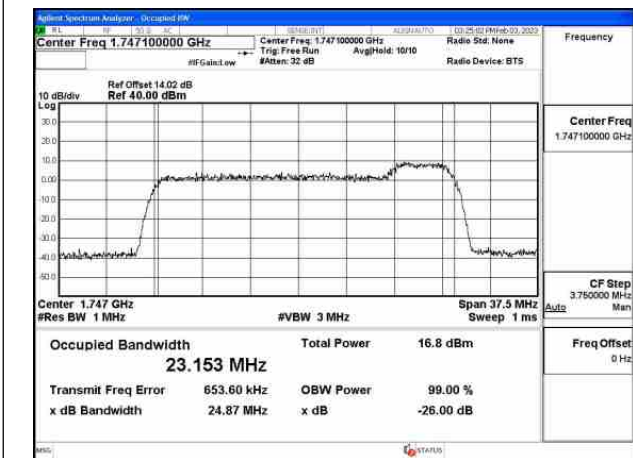


Fig.33

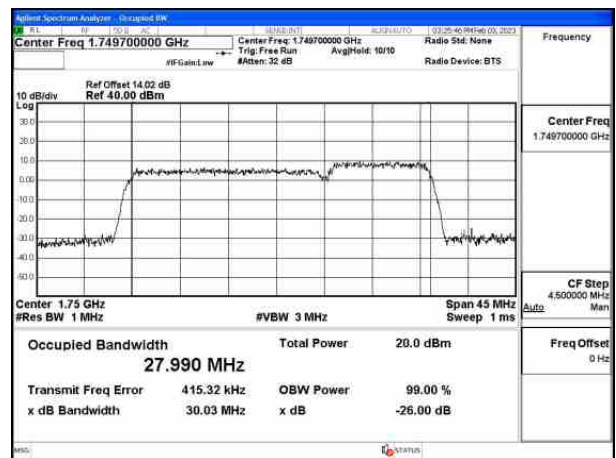


Fig.34

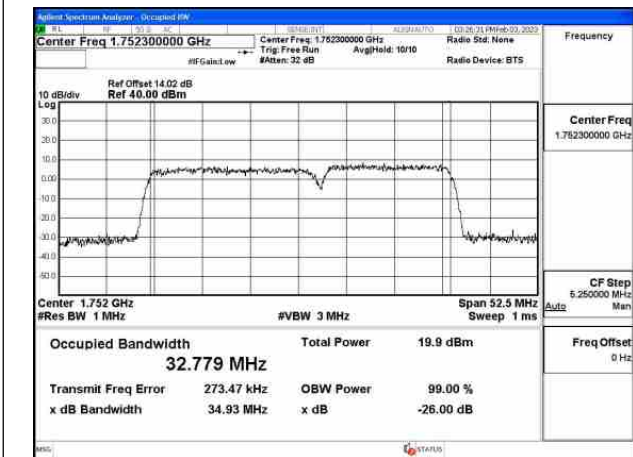


Fig.35

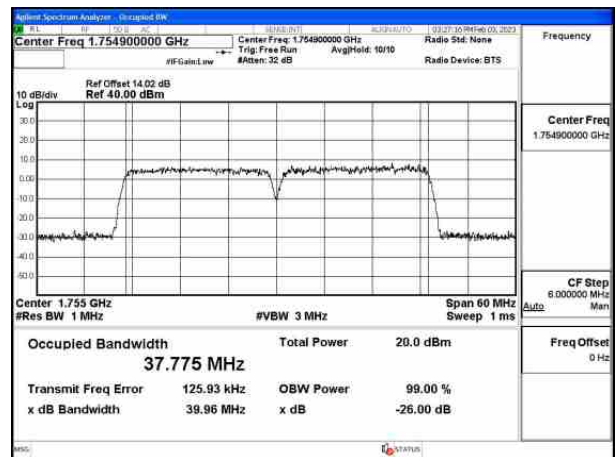


Fig.36

3 Emission Bandwidth

Aggregated BW	Modulation	PCC	SCC	Range	-26dB BW (MHz)	
5+20	QPSK	25@0	100@0	low	25.0	Fig.1
5+20	16QAM	25@0	100@0	low	25.0	Fig.2
5+20	64QAM	25@0	100@0	low	24.8	Fig.3
5+20	QPSK	25@0	100@0	mid	24.9	Fig.4
5+20	16QAM	25@0	100@0	mid	25.0	Fig.5
5+20	64QAM	25@0	100@0	mid	25.0	Fig.6
5+20	QPSK	25@0	100@0	high	24.9	Fig.7
5+20	16QAM	25@0	100@0	high	24.9	Fig.8
5+20	64QAM	25@0	100@0	high	25.0	Fig.9
10+15	QPSK	50@0	75@0	low	25.4	Fig.10
10+20	QPSK	50@0	100@0	low	30.0	Fig.11
10+15	16QAM	50@0	75@0	low	25.3	Fig.12
10+20	16QAM	50@0	100@0	low	30.1	Fig.13
10+15	64QAM	50@0	75@0	low	25.3	Fig.14
10+20	64QAM	50@0	100@0	low	29.9	Fig.15
10+15	QPSK	50@0	75@0	mid	25.4	Fig.16
10+20	QPSK	50@0	100@0	mid	30.1	Fig.17
10+15	16QAM	50@0	75@0	mid	25.4	Fig.18
10+20	16QAM	50@0	100@0	mid	29.9	Fig.19
10+15	64QAM	50@0	75@0	mid	25.4	Fig.20
10+20	64QAM	50@0	100@0	mid	30.0	Fig.21
10+15	QPSK	50@0	75@0	high	25.3	Fig.22
10+20	QPSK	50@0	100@0	high	30.0	Fig.23
10+15	16QAM	50@0	75@0	high	25.4	Fig.24
10+20	16QAM	50@0	100@0	high	30.0	Fig.25
10+15	64QAM	50@0	75@0	high	25.3	Fig.26
10+20	64QAM	50@0	100@0	high	30.0	Fig.27

Aggregated BW	Modulation	PCC	SCC	Range	-26dB BW (MHz)	
15+15	QPSK	75@0	75@0	low	30.7	Fig.1
15+20	QPSK	75@0	100@0	low	35.0	Fig.2
15+15	16QAM	75@0	75@0	low	30.7	Fig.3
15+20	16QAM	75@0	100@0	low	35.1	Fig.4
15+15	64QAM	75@0	75@0	low	30.6	Fig.5
15+20	64QAM	75@0	100@0	low	35.1	Fig.6
15+15	QPSK	75@0	75@0	mid	30.7	Fig.7
15+20	QPSK	75@0	100@0	mid	35.0	Fig.8
15+15	16QAM	75@0	75@0	mid	30.7	Fig.9
15+20	16QAM	75@0	100@0	mid	34.9	Fig.10
15+15	64QAM	75@0	75@0	mid	30.6	Fig.11
15+20	64QAM	75@0	100@0	mid	35.0	Fig.12
15+15	QPSK	75@0	75@0	high	30.7	Fig.13
15+20	QPSK	75@0	100@0	high	35.1	Fig.14
15+15	16QAM	75@0	75@0	high	30.7	Fig.15
15+20	16QAM	75@0	100@0	high	35.1	Fig.16
15+15	64QAM	75@0	75@0	high	30.6	Fig.17
15+20	64QAM	75@0	100@0	high	35.0	Fig.18

Aggregated BW	Modulation	PCC	SCC	Range	-26dB BW (MHz)	
20+5	QPSK	100@0	25@0	low	24.9	Fig.1
20+10	QPSK	100@0	50@0	low	30.1	Fig.2
20+15	QPSK	100@0	75@0	low	35.0	Fig.3
20+20	QPSK	100@0	100@0	low	40.0	Fig.4
20+5	16QAM	100@0	25@0	low	25.0	Fig.5
20+10	16QAM	100@0	50@0	low	29.9	Fig.6
20+15	16QAM	100@0	75@0	low	35.0	Fig.7
20+20	16QAM	100@0	100@0	low	39.9	Fig.8
20+5	64QAM	100@0	25@0	low	24.8	Fig.9
20+10	64QAM	100@0	50@0	low	30.0	Fig.10
20+15	64QAM	100@0	75@0	low	35.0	Fig.11
20+20	64QAM	100@0	100@0	low	39.9	Fig.12
20+5	QPSK	100@0	25@0	low	24.9	Fig.13
20+10	QPSK	100@0	50@0	low	29.9	Fig.14
20+15	QPSK	100@0	75@0	low	34.9	Fig.15
20+20	QPSK	100@0	100@0	low	40.0	Fig.16
20+5	16QAM	100@0	25@0	low	24.9	Fig.17
20+10	16QAM	100@0	50@0	low	30.0	Fig.18
20+15	16QAM	100@0	75@0	low	35.0	Fig.19
20+20	16QAM	100@0	100@0	low	40.0	Fig.20
20+5	64QAM	100@0	25@0	low	24.8	Fig.21
20+10	64QAM	100@0	50@0	low	30.0	Fig.22
20+15	64QAM	100@0	75@0	low	35.0	Fig.23
20+20	64QAM	100@0	100@0	low	40.0	Fig.24
20+5	QPSK	100@0	25@0	low	24.9	Fig.25
20+10	QPSK	100@0	50@0	low	29.8	Fig.26
20+15	QPSK	100@0	75@0	low	35.0	Fig.27
20+20	QPSK	100@0	100@0	low	40.0	Fig.28
20+5	16QAM	100@0	25@0	low	24.9	Fig.29
20+10	16QAM	100@0	50@0	low	30.0	Fig.30
20+15	16QAM	100@0	75@0	low	35.0	Fig.31
20+20	16QAM	100@0	100@0	low	40.0	Fig.32
20+5	64QAM	100@0	25@0	low	24.9	Fig.33
20+10	64QAM	100@0	50@0	low	30.0	Fig.34
20+15	64QAM	100@0	75@0	low	34.9	Fig.35
20+20	64QAM	100@0	100@0	low	40.0	Fig.36

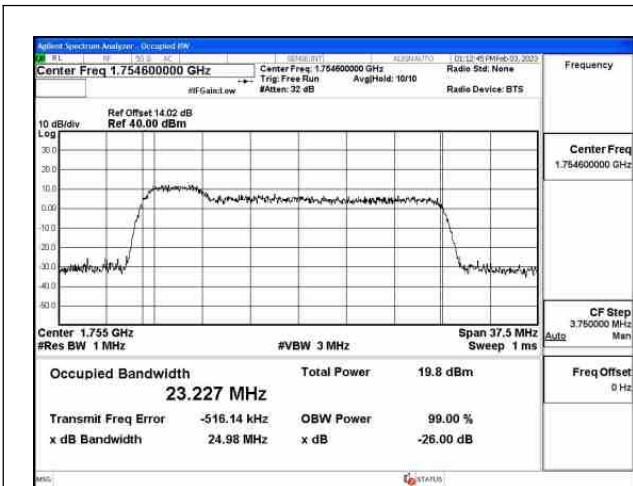


Fig.1

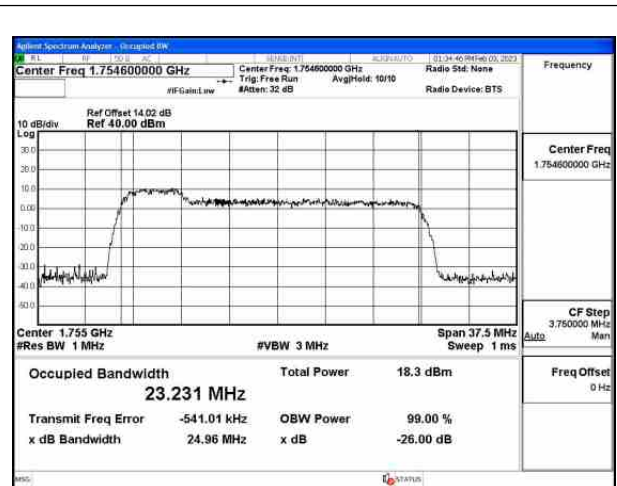


Fig.2

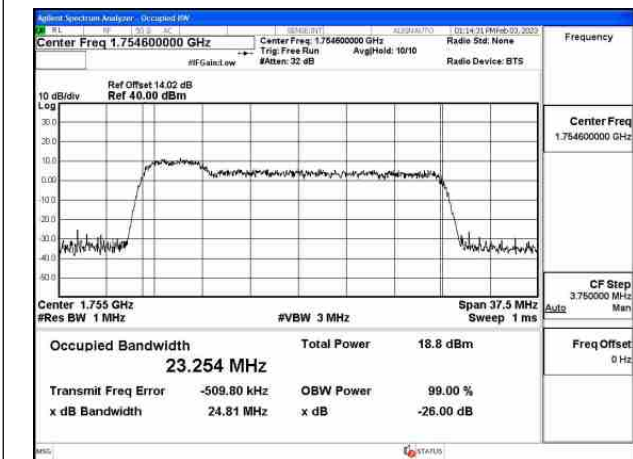


Fig.3

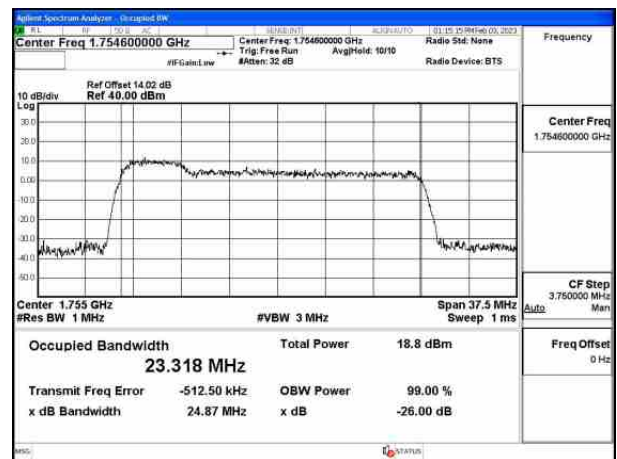


Fig.4

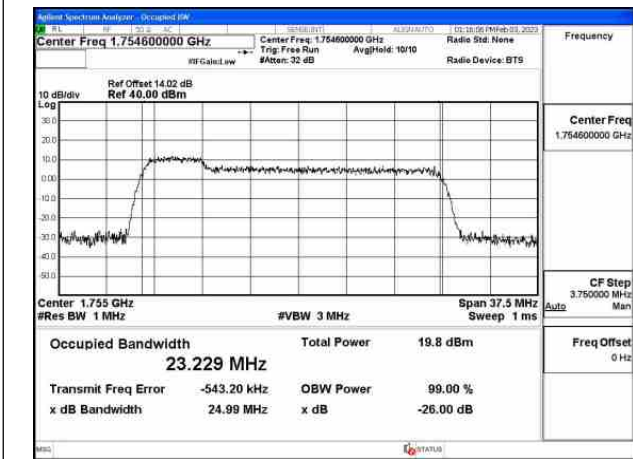


Fig.5

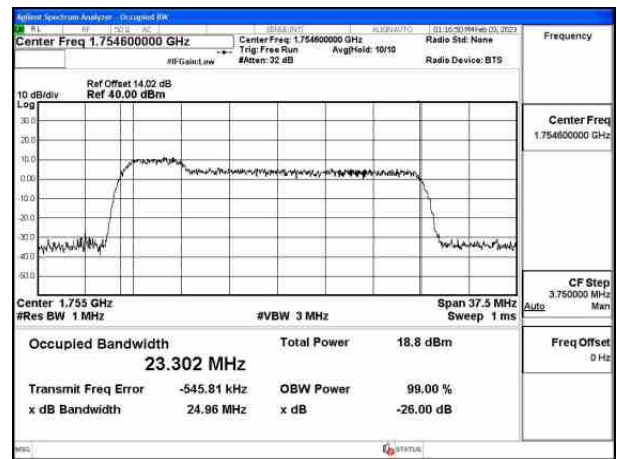


Fig.6

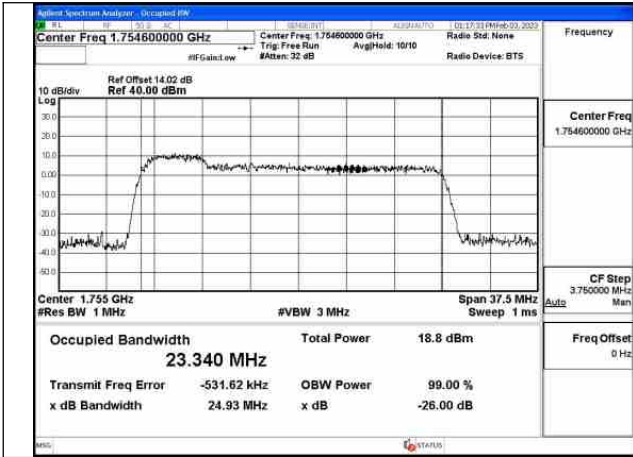


Fig.7

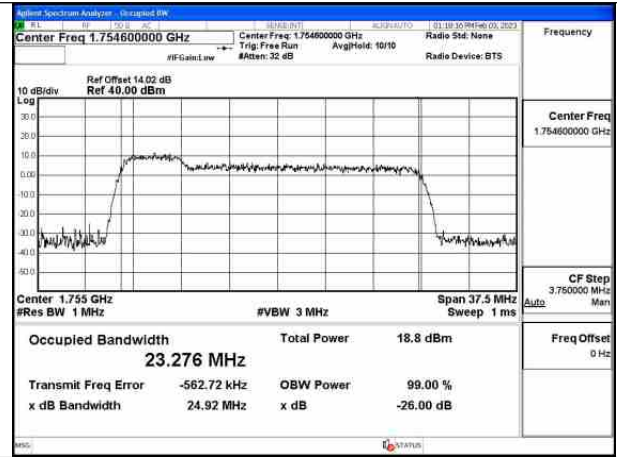


Fig.8

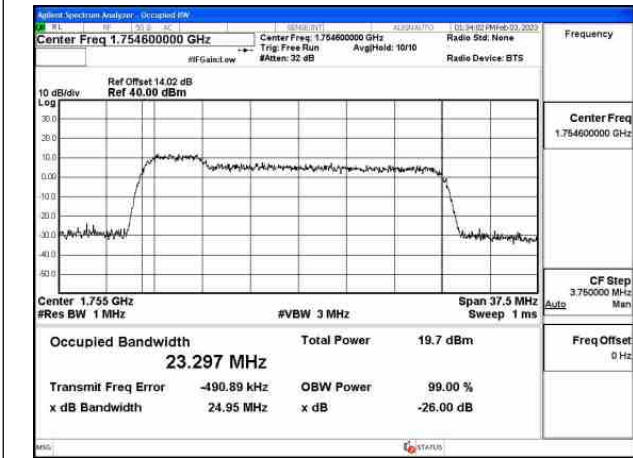


Fig.9

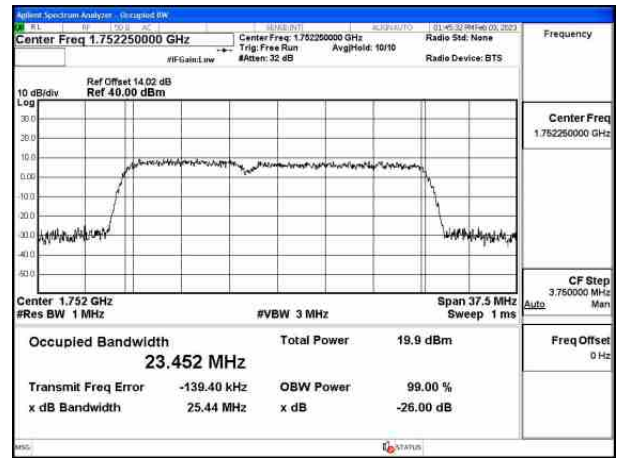


Fig.10

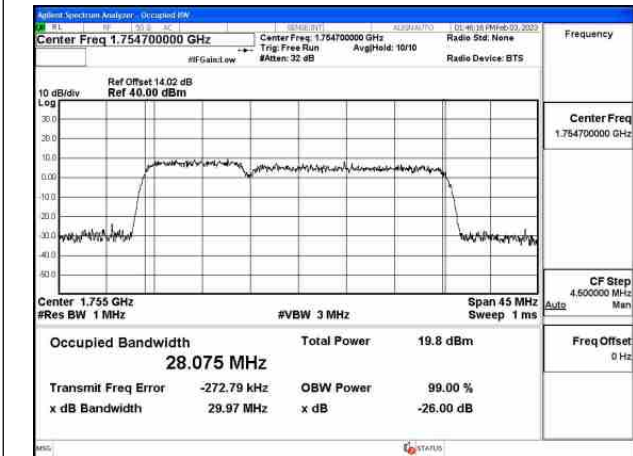


Fig.11

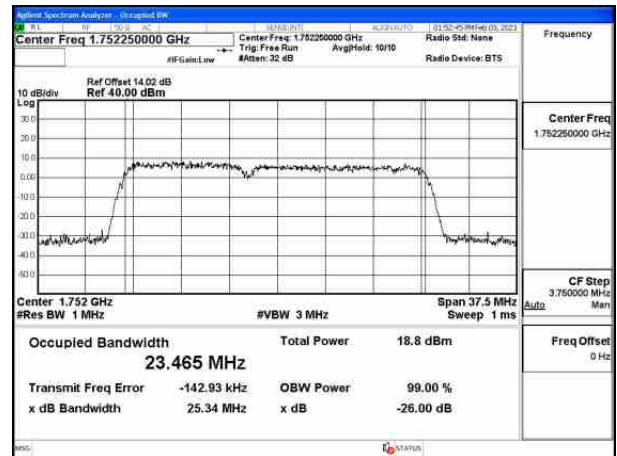


Fig.12

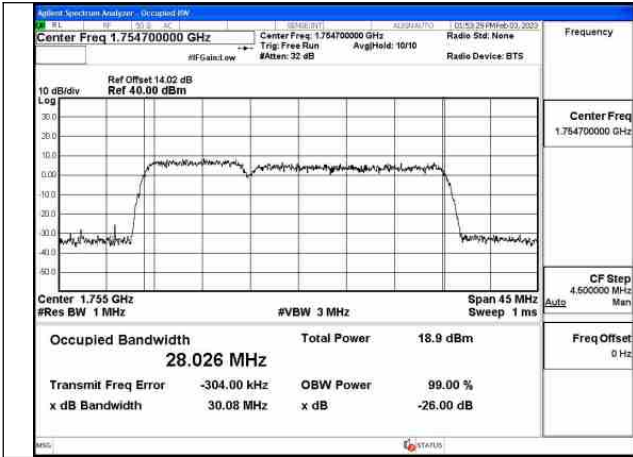


Fig.13

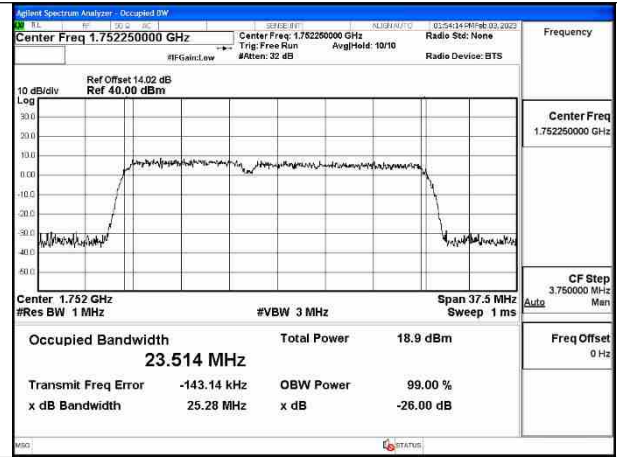


Fig.14

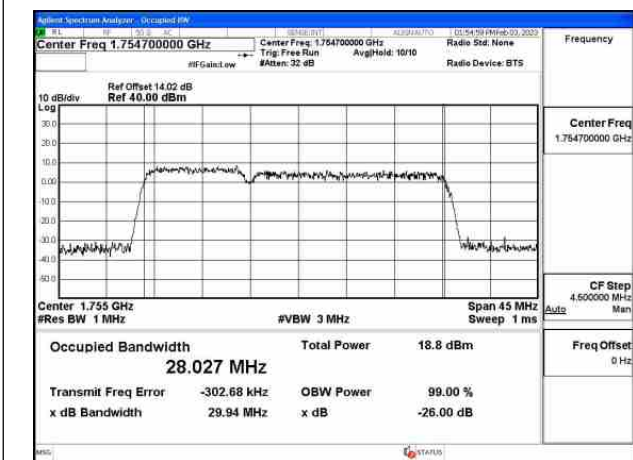


Fig.15

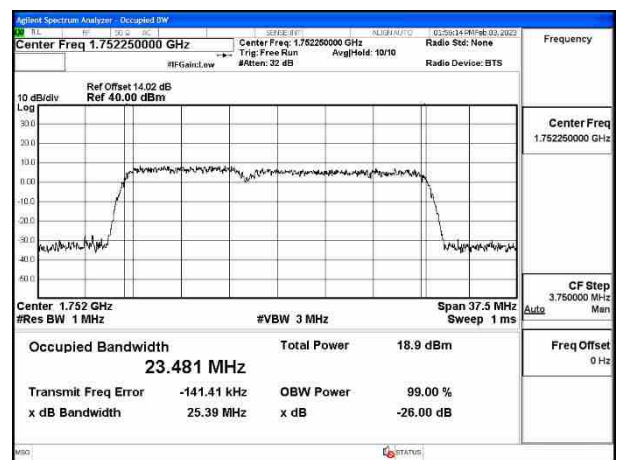


Fig.16

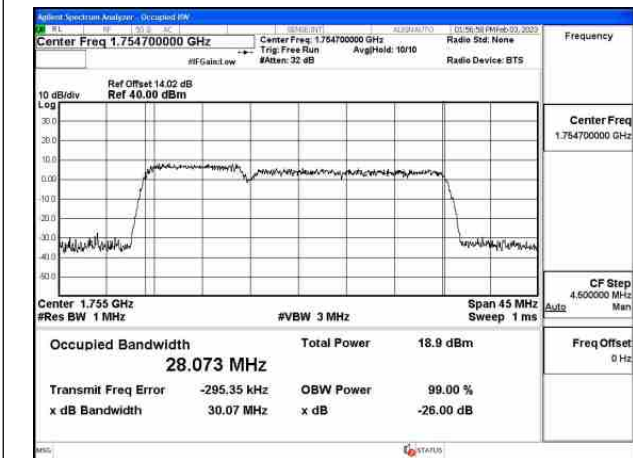


Fig.17

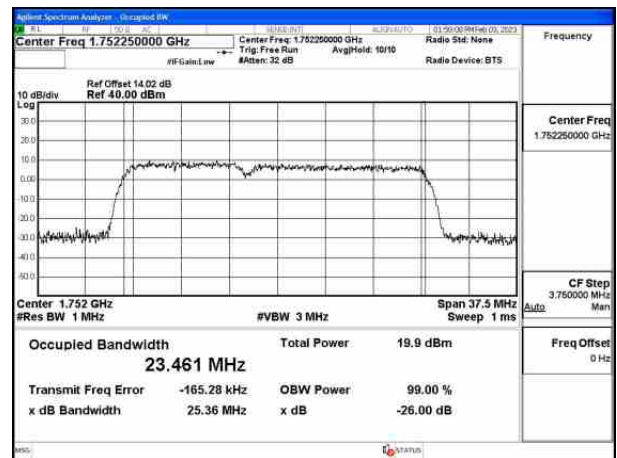


Fig.18

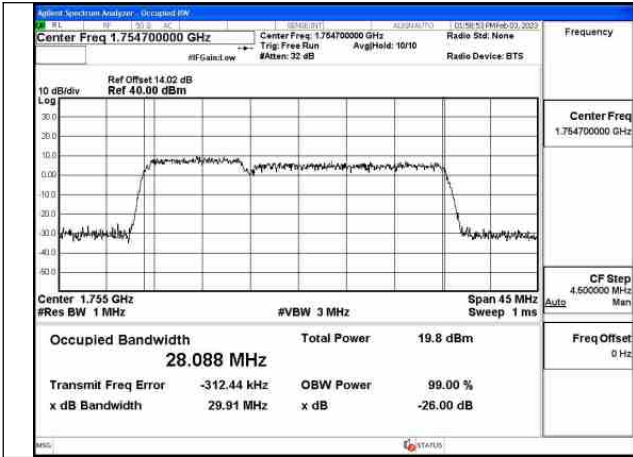


Fig.19

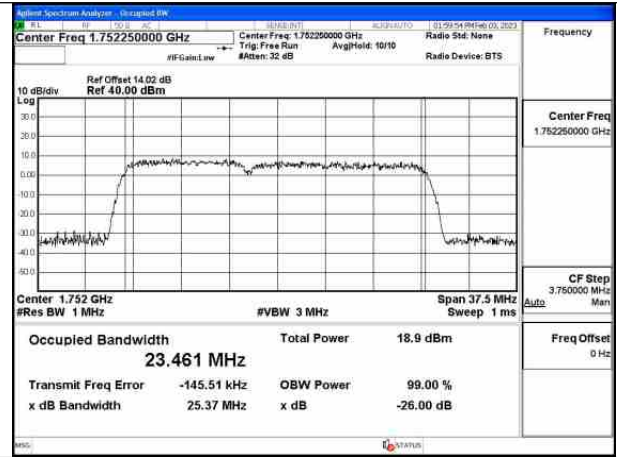


Fig.20

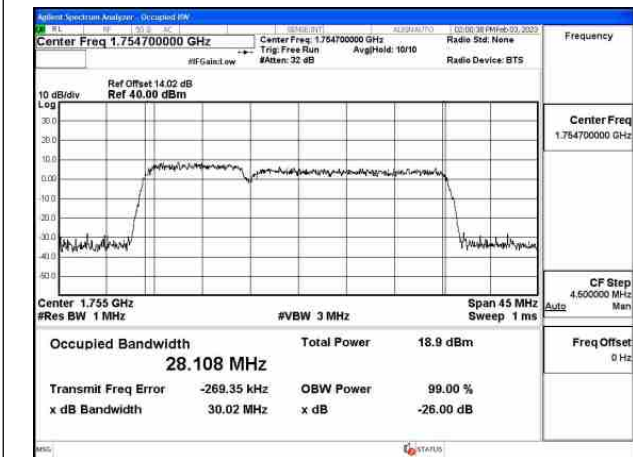


Fig.21

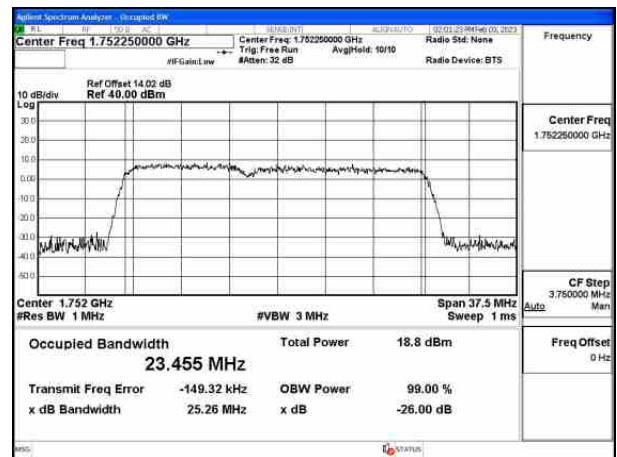


Fig.22

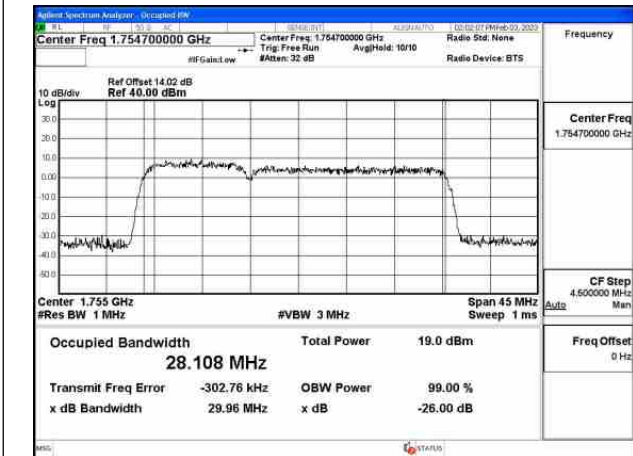


Fig.23

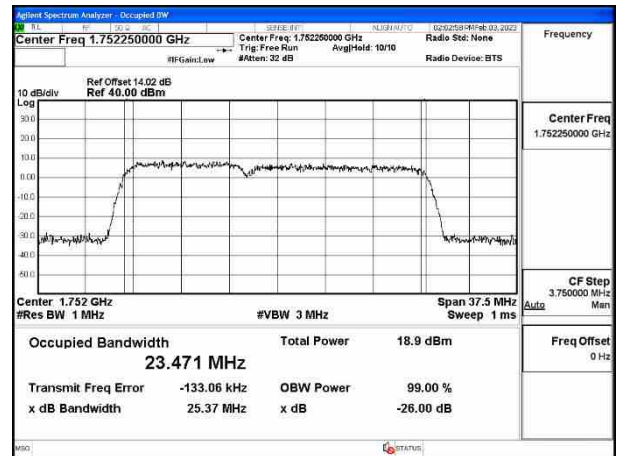


Fig.24

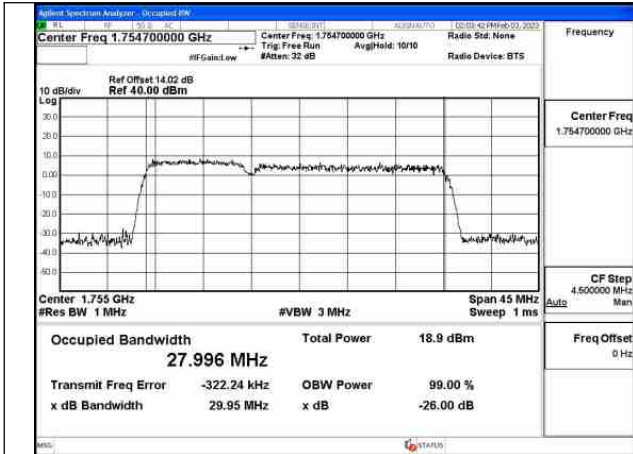


Fig.25

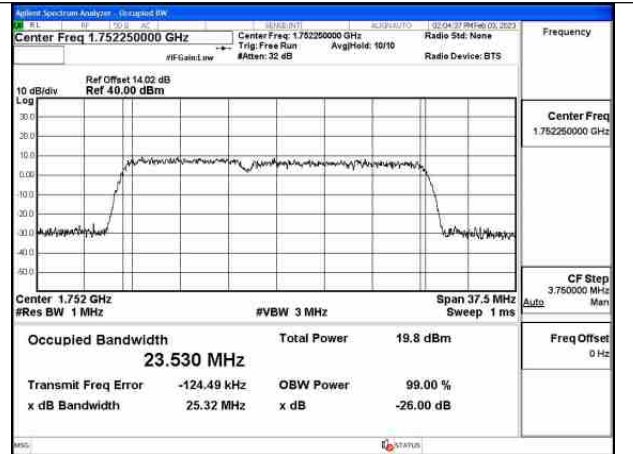


Fig.26

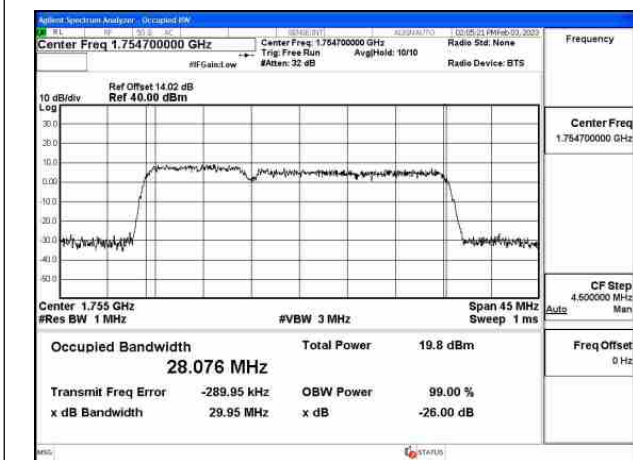


Fig.27

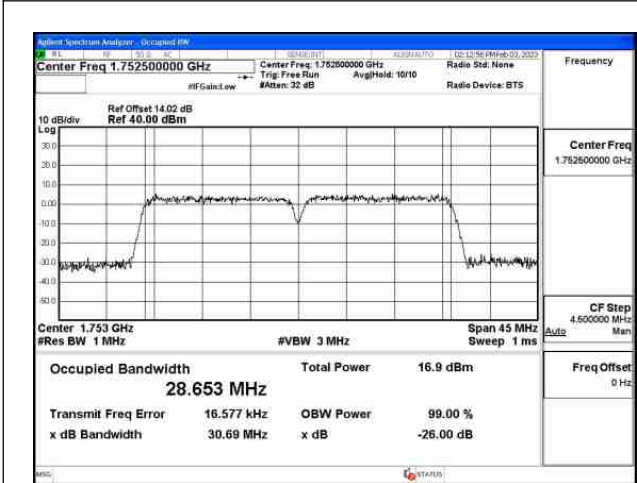


Fig.1

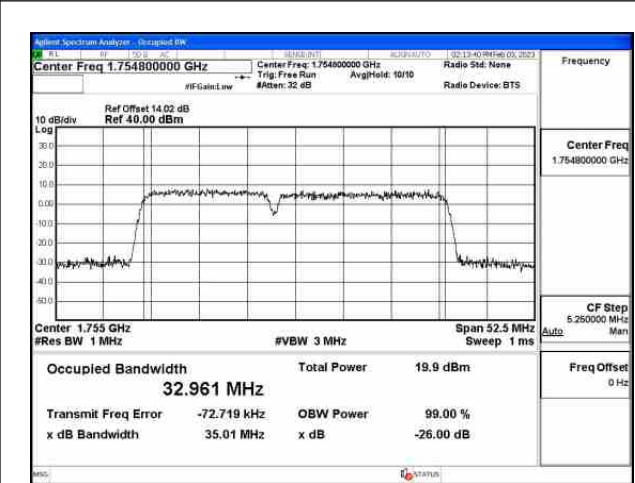


Fig.2

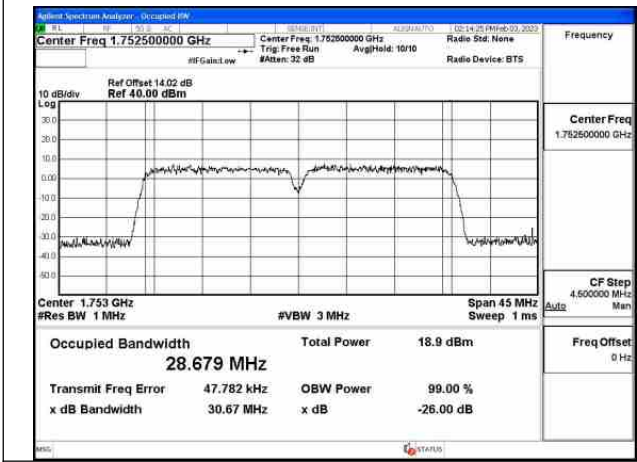


Fig.3

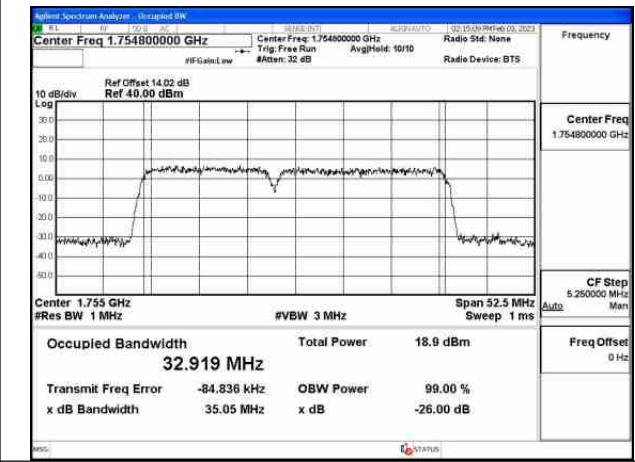


Fig.4

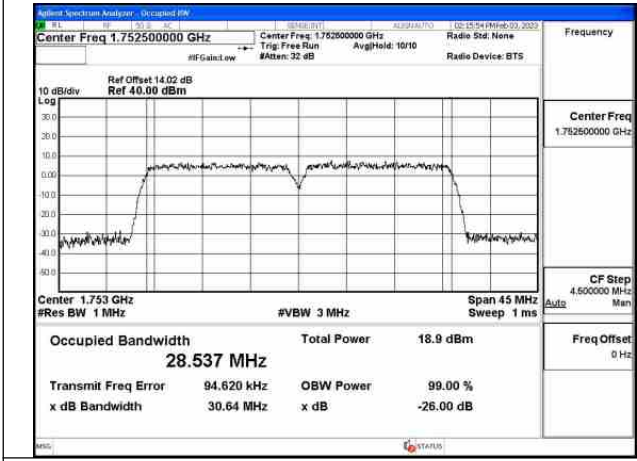


Fig.5

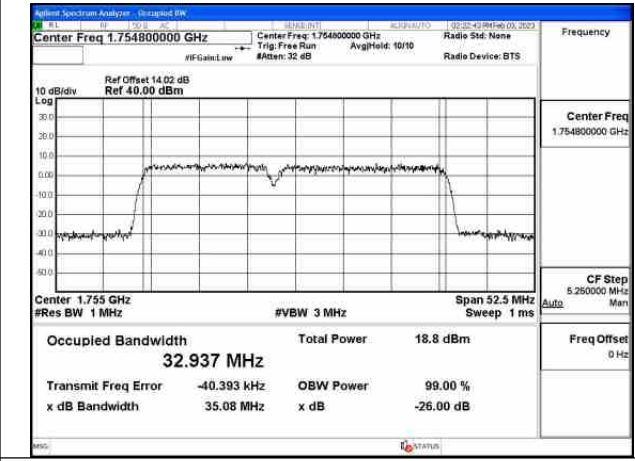


Fig.6

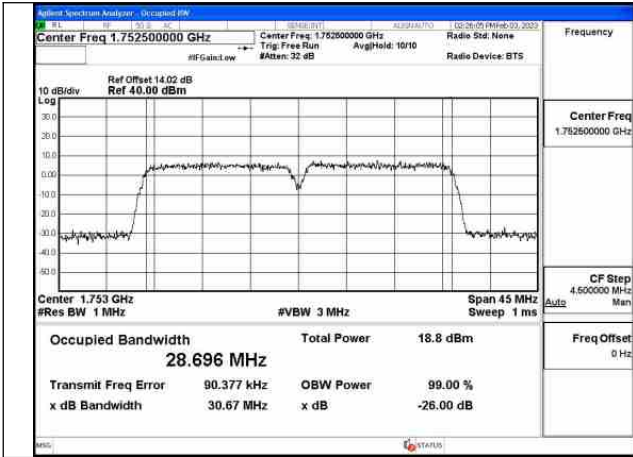


Fig.7

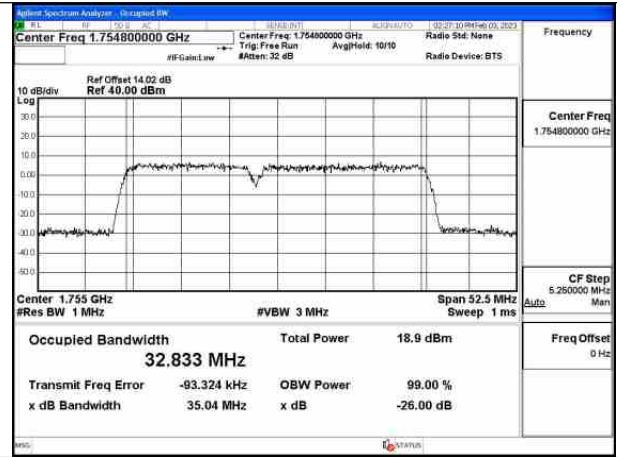


Fig.8

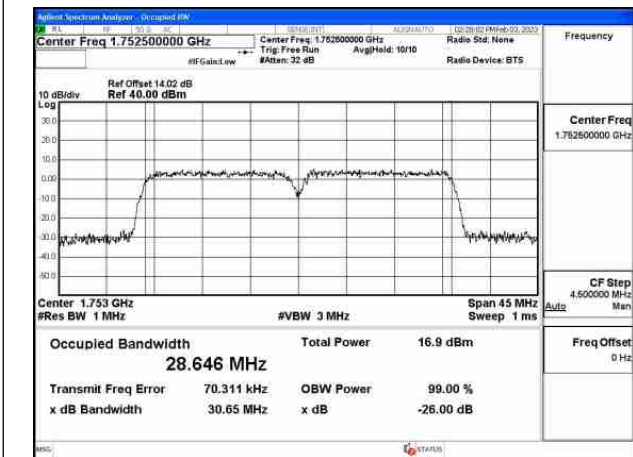


Fig.9

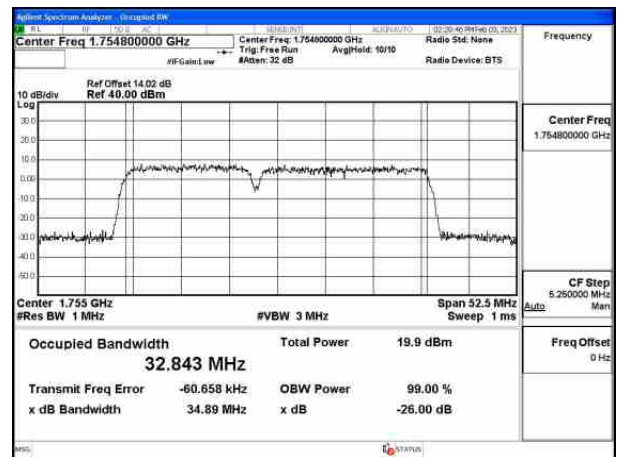


Fig.10

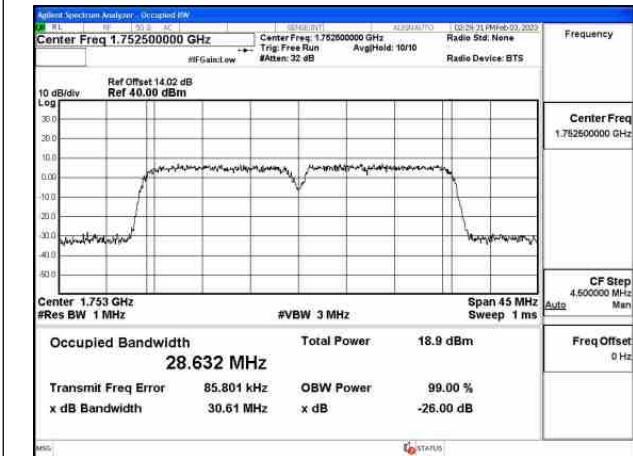


Fig.11

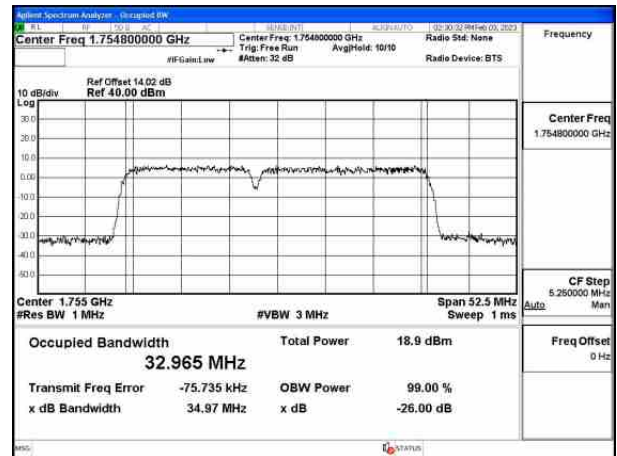


Fig.12

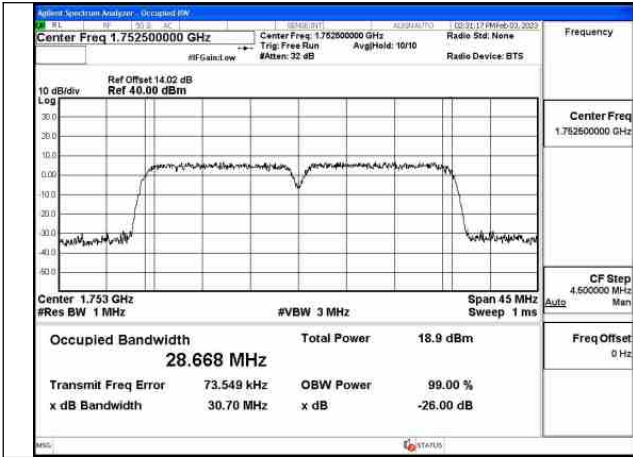


Fig.13

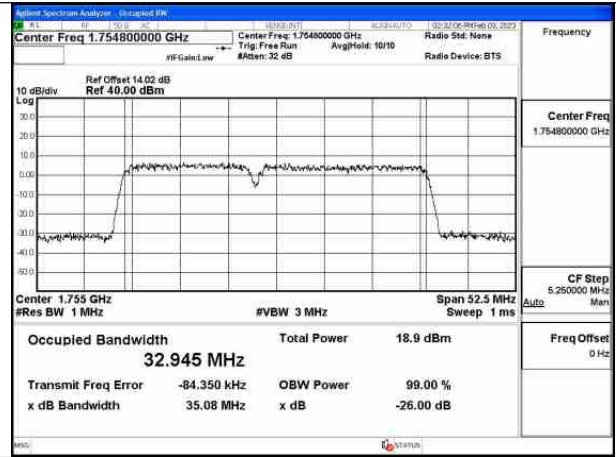


Fig.14

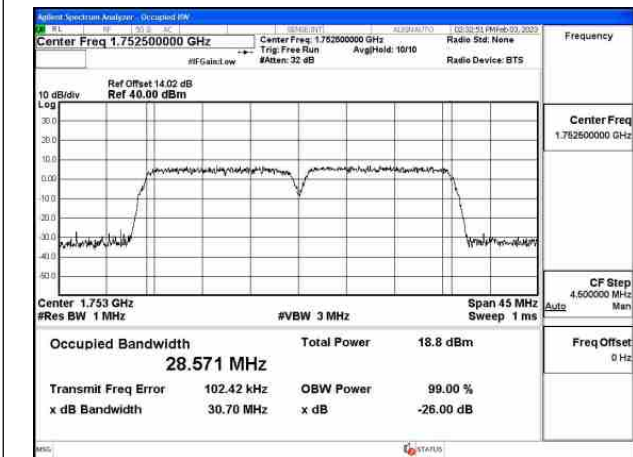


Fig.15

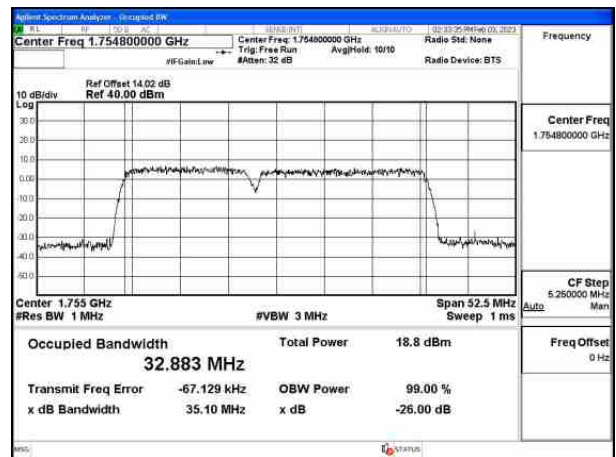


Fig.16

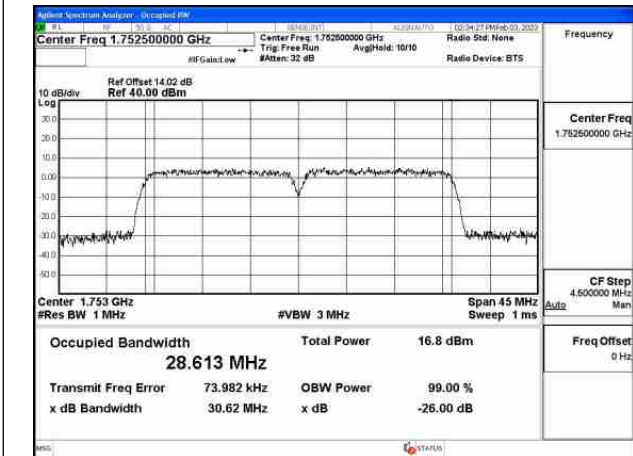


Fig.17

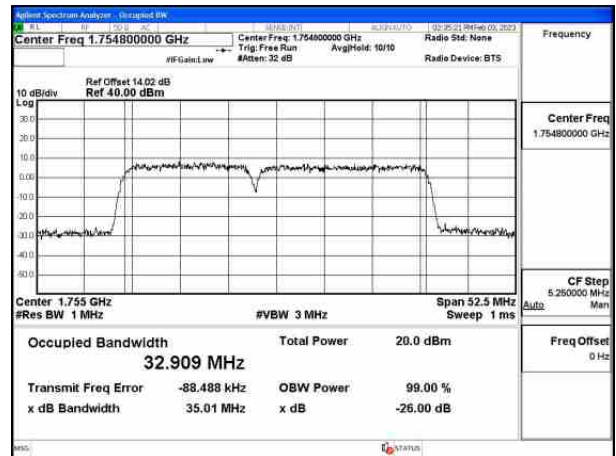


Fig.18

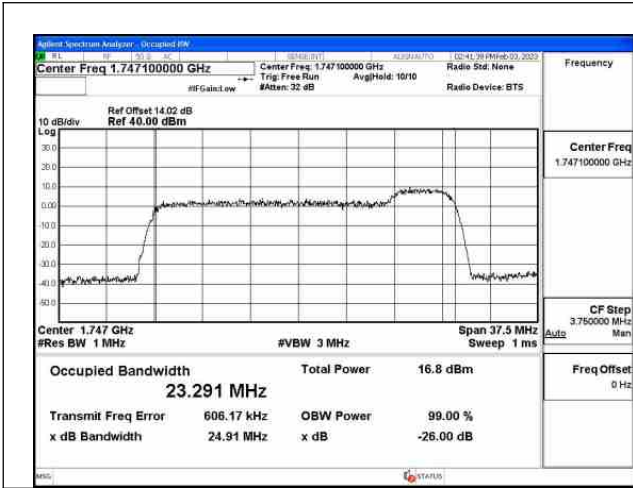


Fig.1

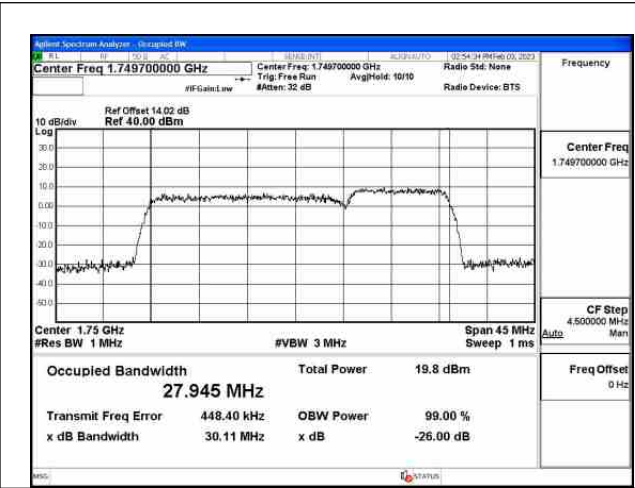


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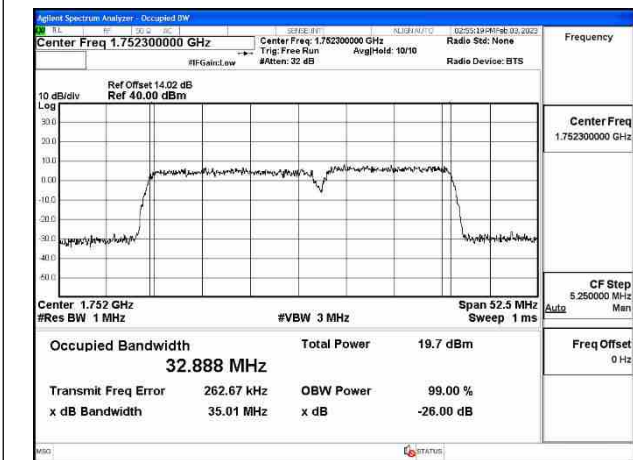


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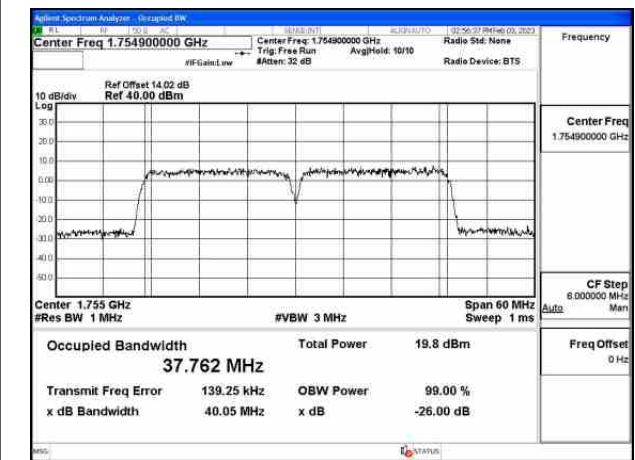


Fig.4

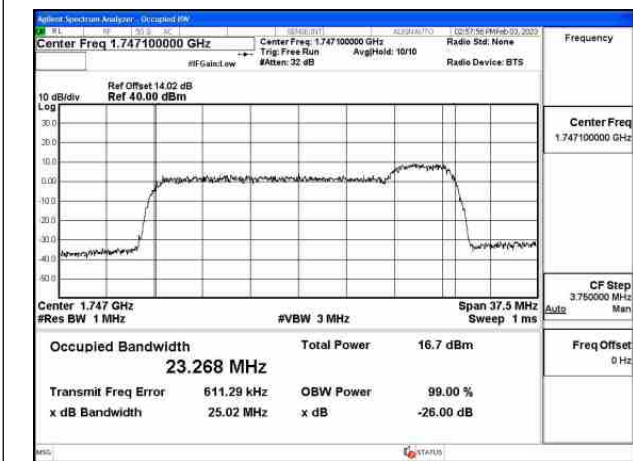


Fig.5

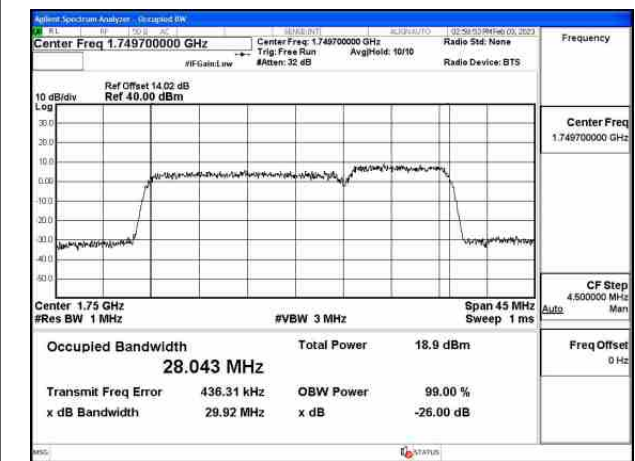


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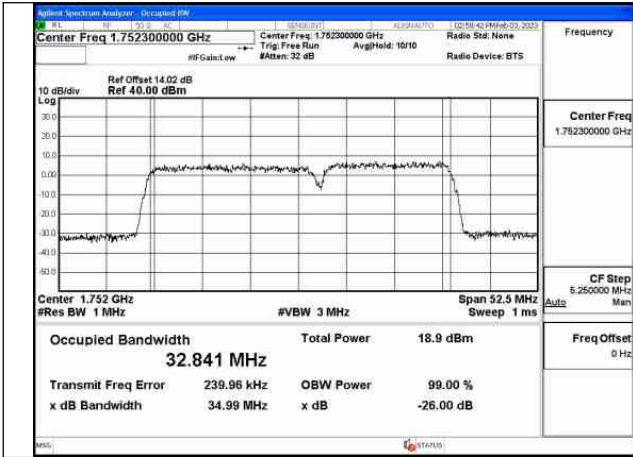


Fig.7

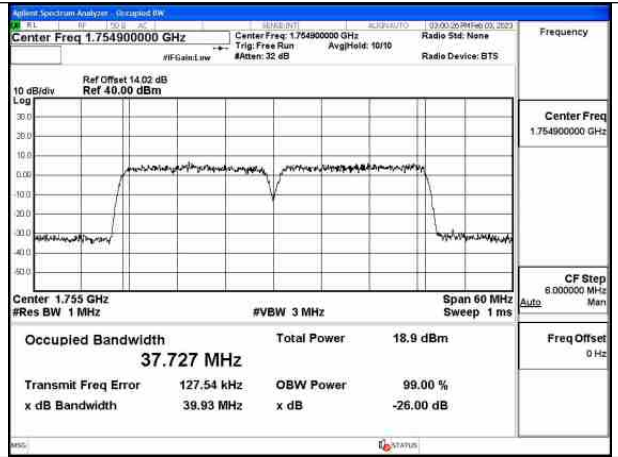


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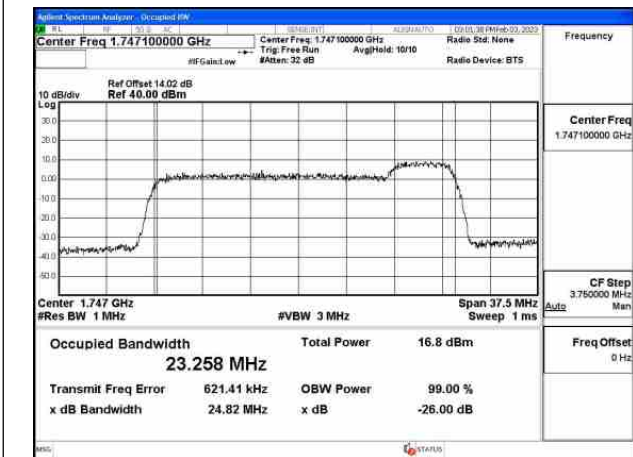


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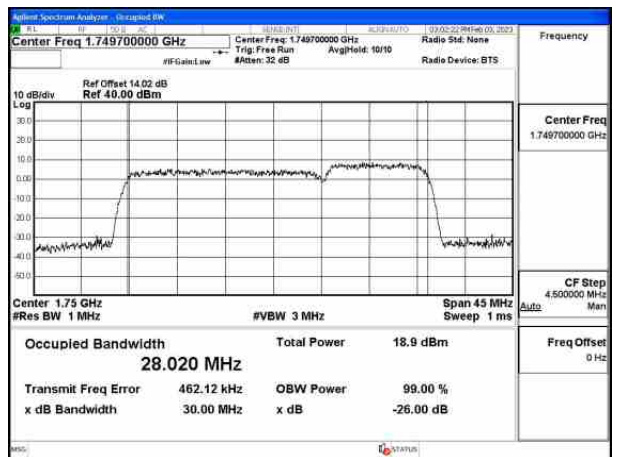


Fig.10

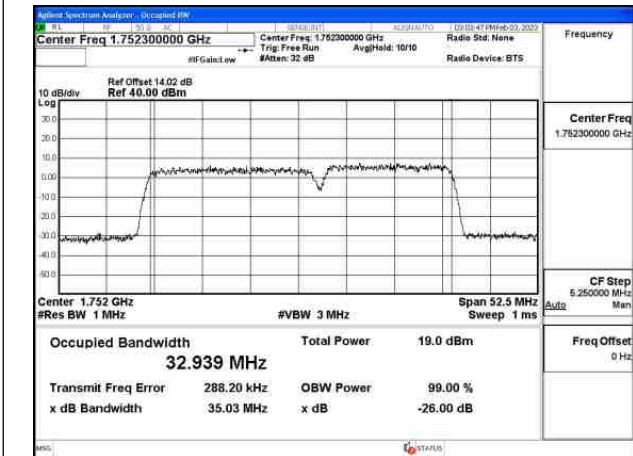


Fig.11

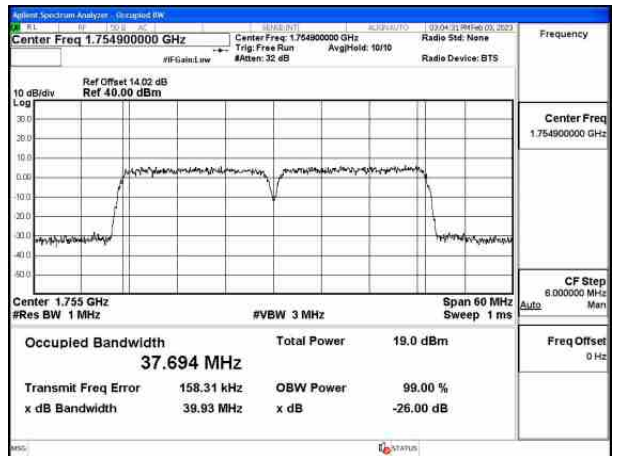


Fig.12

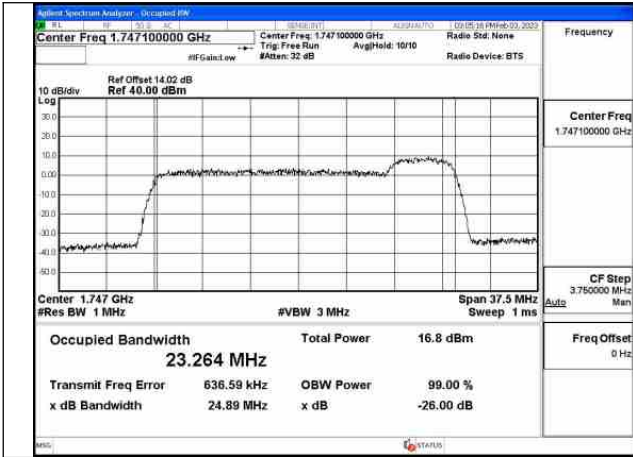


Fig.13

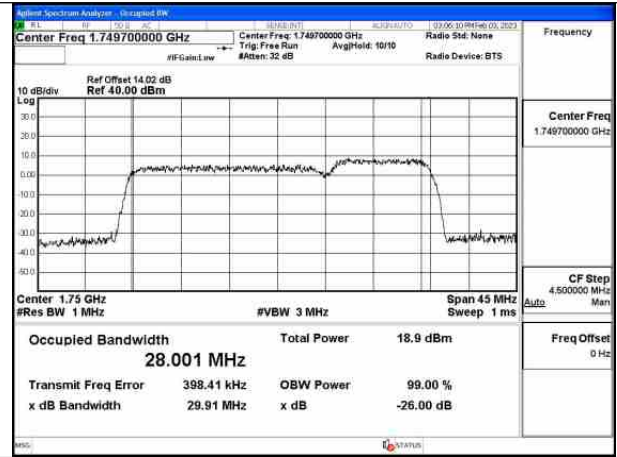


Fig.14

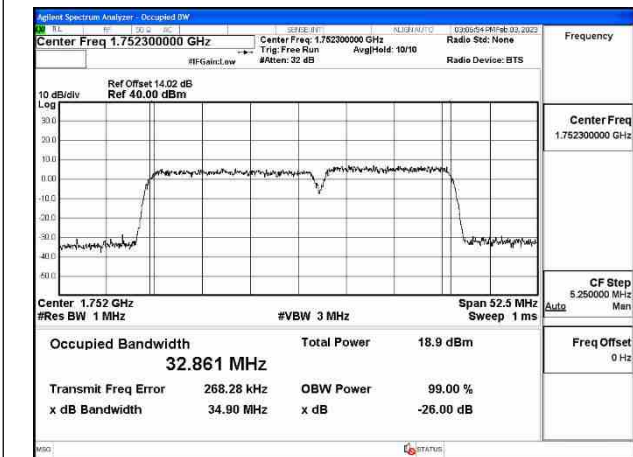


Fig.15

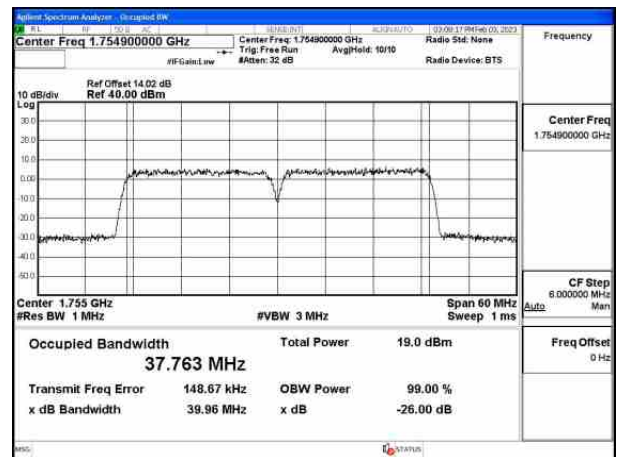


Fig.16

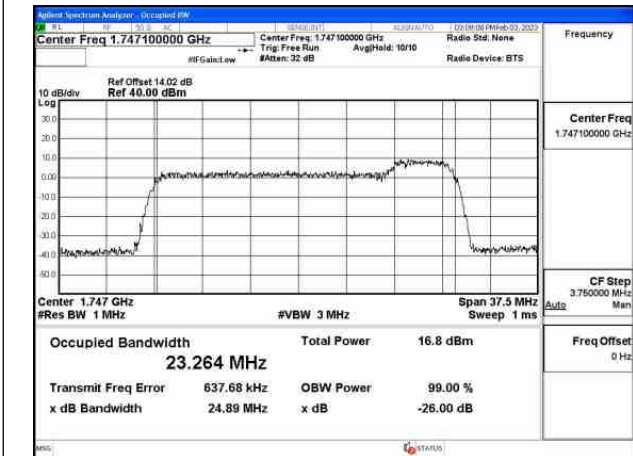


Fig.17

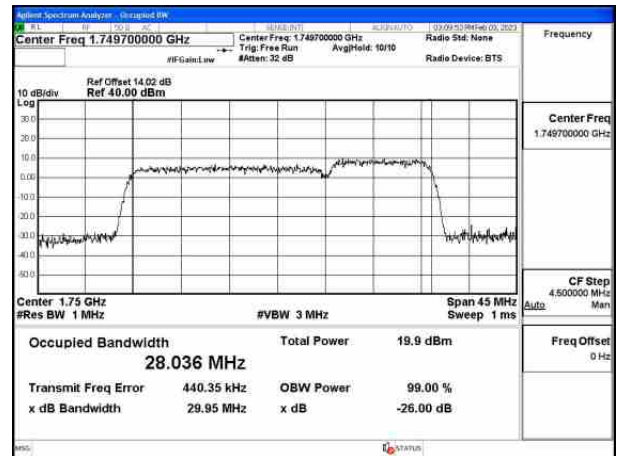


Fig.18

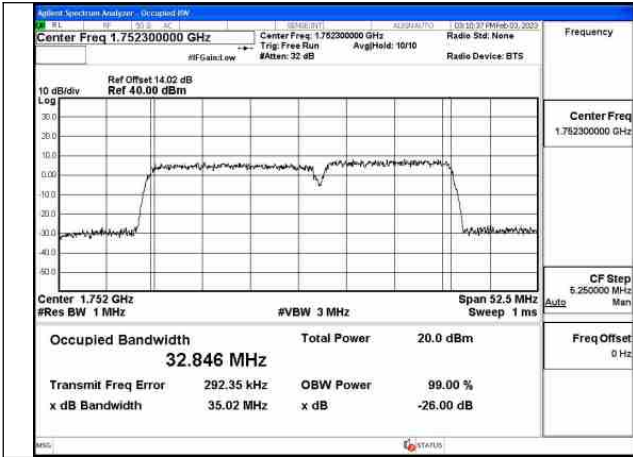


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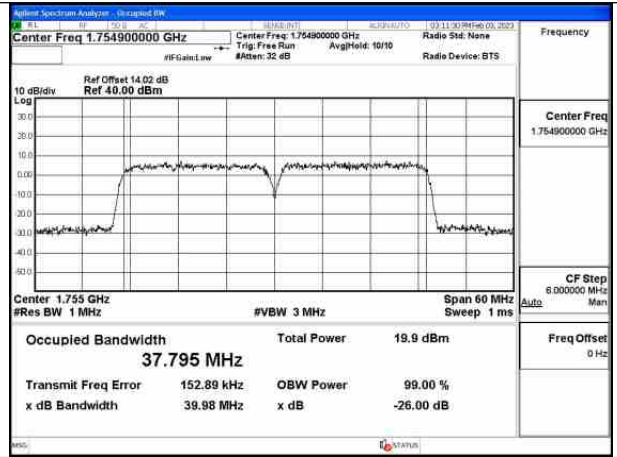


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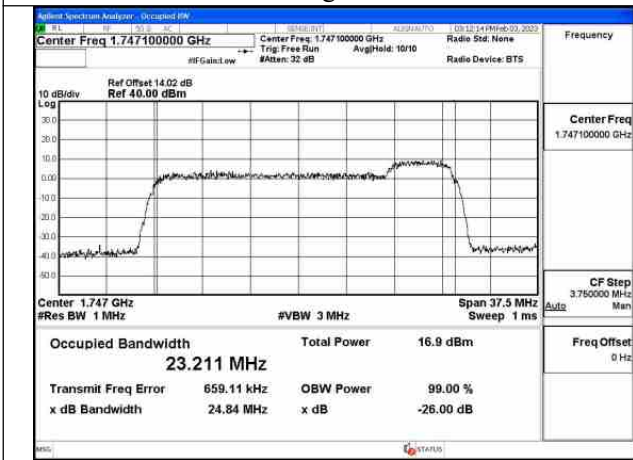


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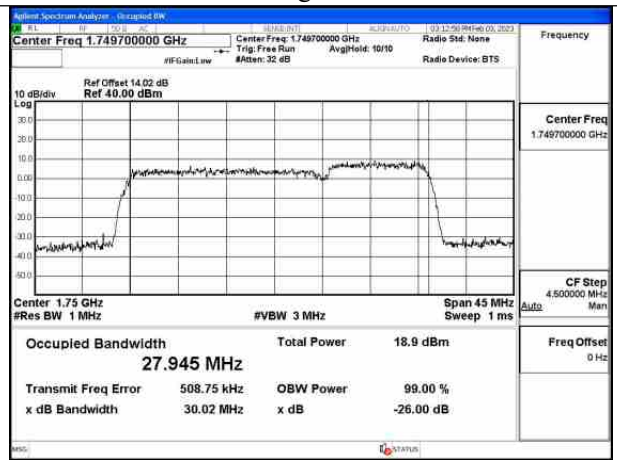


Fig.22

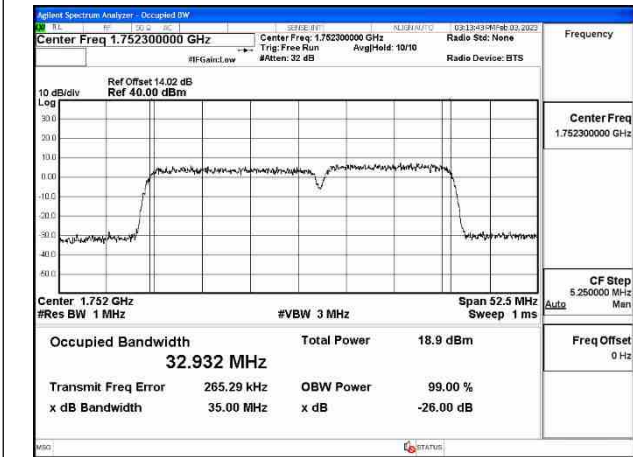


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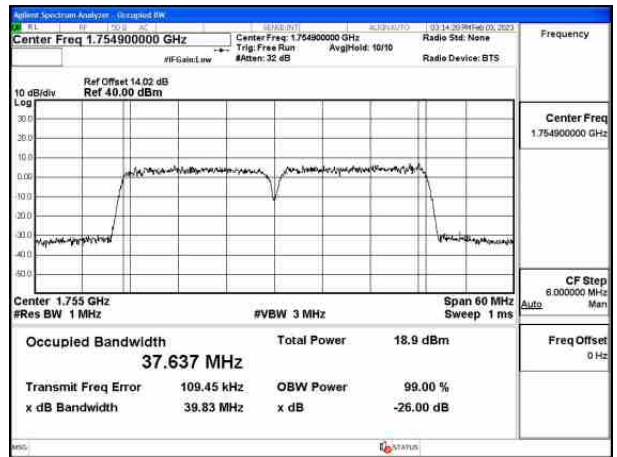


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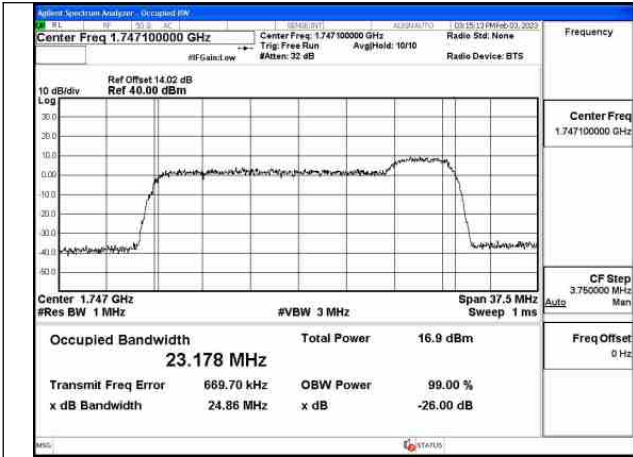


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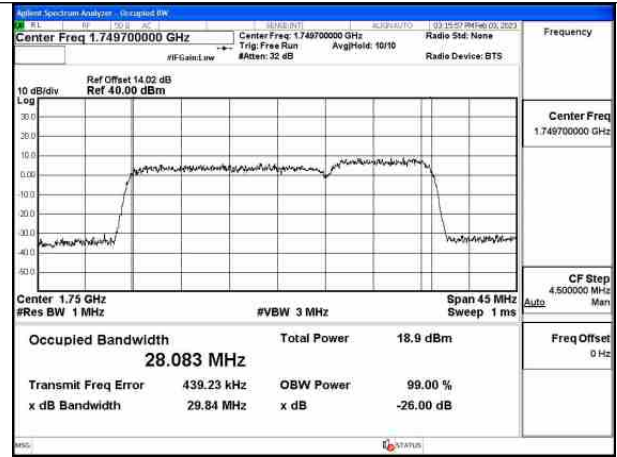


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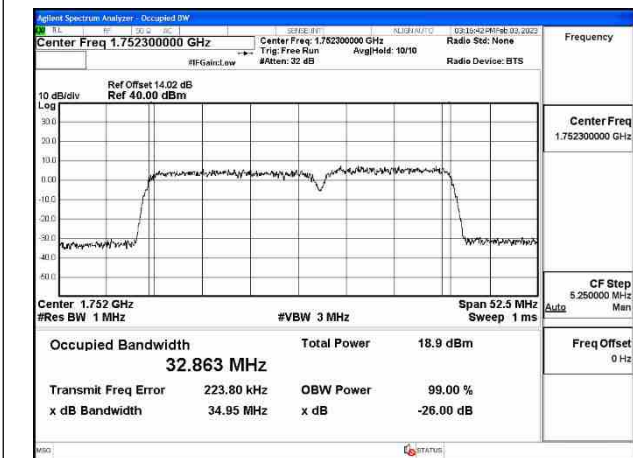


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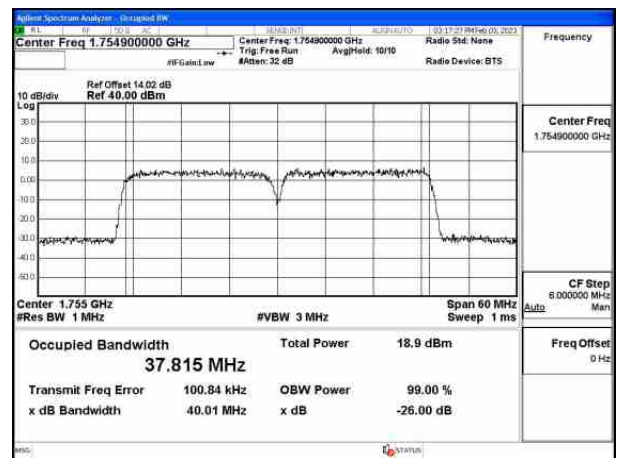


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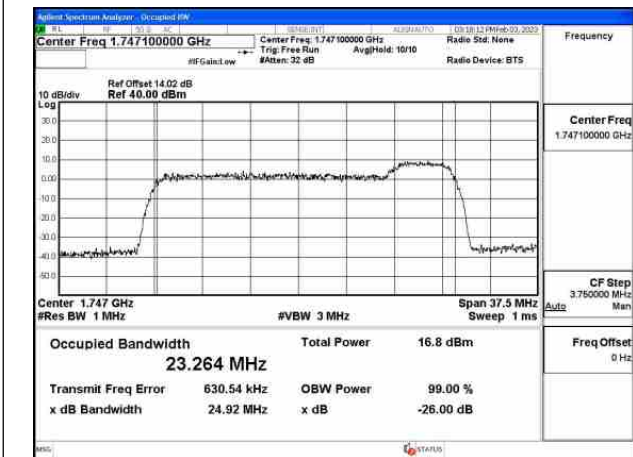


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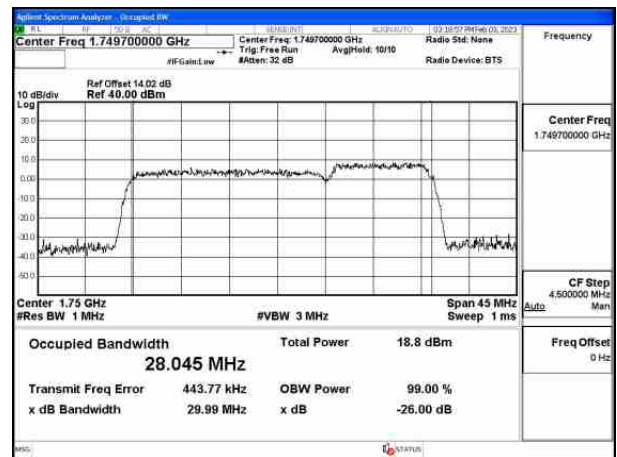


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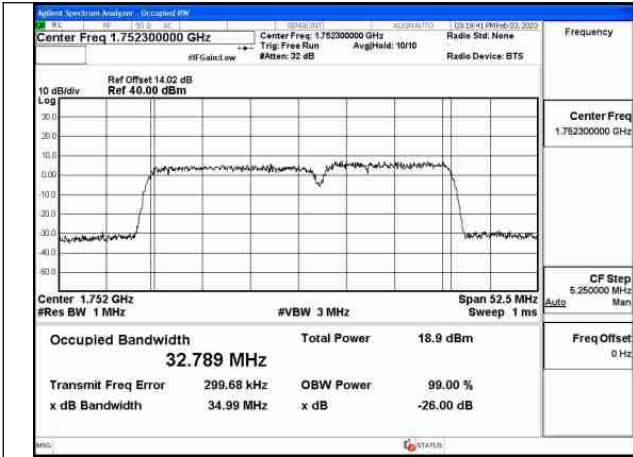


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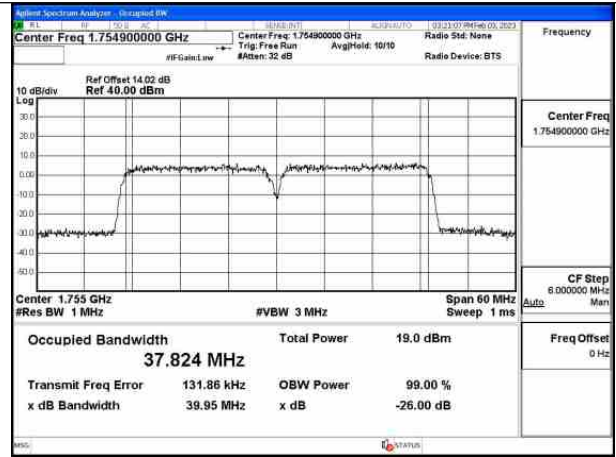


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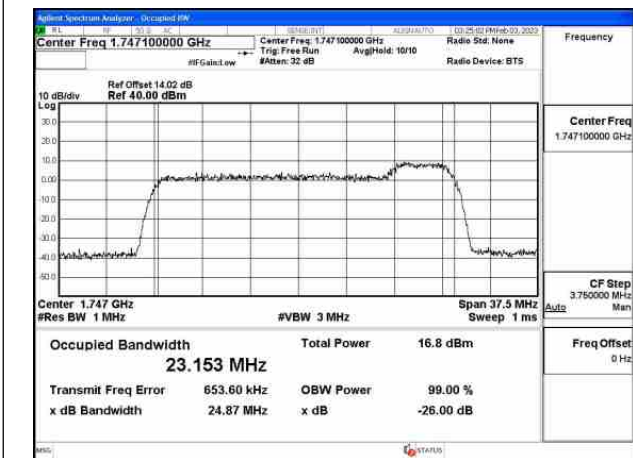


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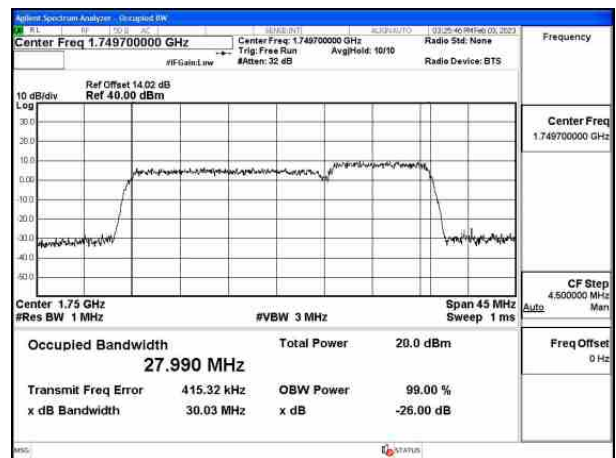


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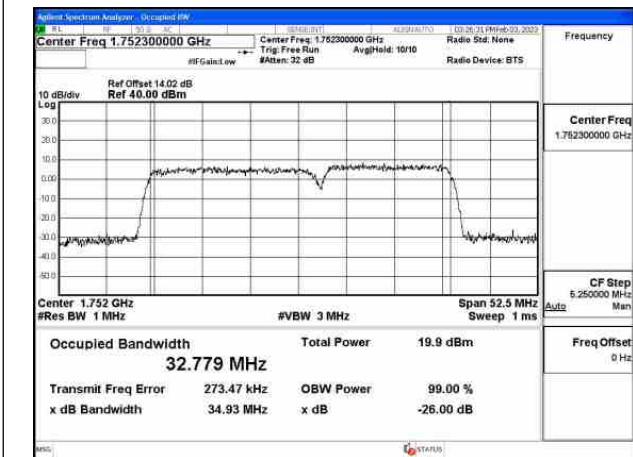


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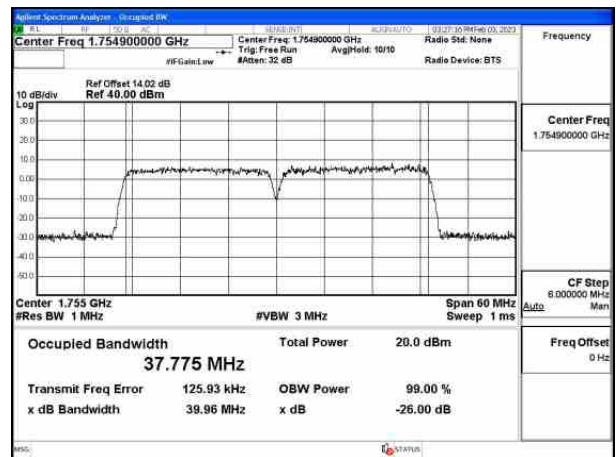


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
66	1710.7	131979	1.4	1	5	Fig.1	Fig.2	Fig.3
66	1710.7	131979	1.4	6	0	Fig.4	Fig.5	Fig.6
66	1755	132422	1.4	1	5	Fig.7	Fig.8	Fig.9
66	1755	132422	1.4	6	0	Fig.10	Fig.11	Fig.12
66	1779.3	132665	1.4	1	5	Fig.13	Fig.14	Fig.15
66	1779.3	132665	1.4	6	0	Fig.16	Fig.17	Fig.18
66	1711.5	131987	3	1	14	Fig.19	Fig.20	Fig.21
66	1711.5	131987	3	15	0	Fig.22	Fig.23	Fig.24
66	1755	132422	3	1	14	Fig.25	Fig.26	Fig.27
66	1755	132422	3	15	0	Fig.28	Fig.29	Fig.30
66	1778.5	132657	3	1	14	Fig.31	Fig.32	Fig.33
66	1778.5	132657	3	15	0	Fig.34	Fig.35	Fig.36
66	1712.5	131997	5	1	24	Fig.37	Fig.38	Fig.39
66	1712.5	131997	5	25	0	Fig.40	Fig.41	Fig.42
66	1755	132422	5	1	24	Fig.43	Fig.44	Fig.45
66	1755	132422	5	25	0	Fig.46	Fig.47	Fig.48
66	1777.5	132647	5	1	24	Fig.49	Fig.50	Fig.51
66	1777.5	132647	5	25	0	Fig.52	Fig.53	Fig.54
66	1715	132022	10	1	49	Fig.55	Fig.56	Fig.57
66	1715	132022	10	50	0	Fig.58	Fig.59	Fig.60
66	1755	132422	10	1	49	Fig.61	Fig.62	Fig.63
66	1755	132422	10	50	0	Fig.64	Fig.65	Fig.66
66	1775	132622	10	1	49	Fig.67	Fig.68	Fig.69
66	1775	132622	10	50	0	Fig.70	Fig.71	Fig.72
66	1717.5	132047	15	1	74	Fig.73	Fig.74	Fig.75
66	1717.5	132047	15	75	0	Fig.76	Fig.77	Fig.78
66	1755	132422	15	1	74	Fig.79	Fig.80	Fig.81
66	1755	132422	15	75	0	Fig.82	Fig.83	Fig.84
66	1772.5	132597	15	1	74	Fig.85	Fig.86	Fig.87
66	1772.5	132597	15	75	0	Fig.88	Fig.89	Fig.90
66	1720	132072	20	1	99	Fig.91	Fig.92	Fig.93
66	1720	132072	20	100	0	Fig.94	Fig.95	Fig.96
66	1755	132422	20	1	99	Fig.97	Fig.98	Fig.99
66	1755	132422	20	100	0	Fig.100	Fig.101	Fig.102
66	1770	132572	20	1	99	Fig.103	Fig.104	Fig.105
66	1770	132572	20	100	0	Fig.106	Fig.107	Fig.108

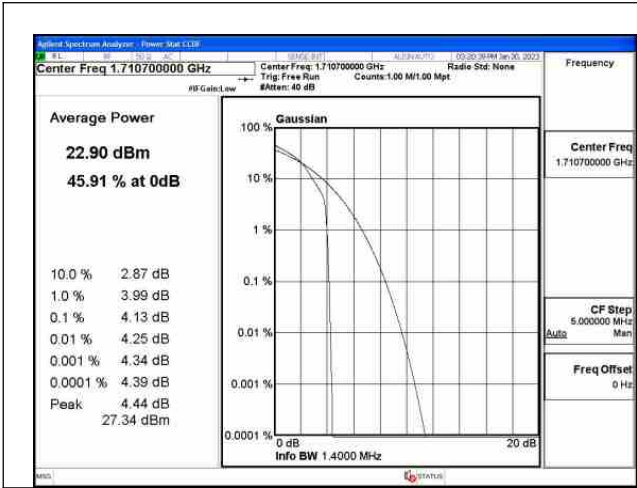


Fig.1

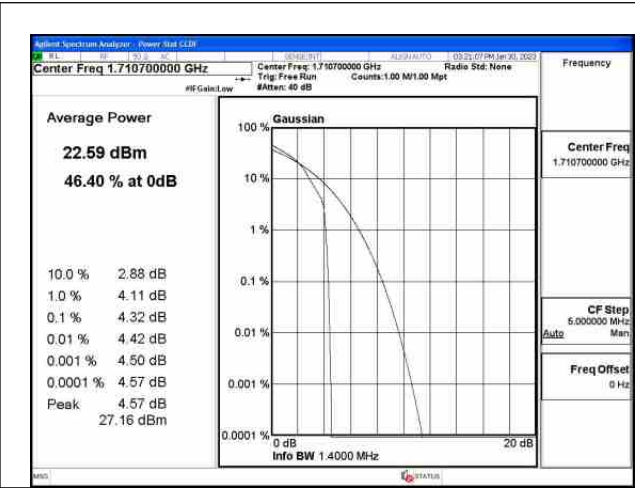


Fig.2

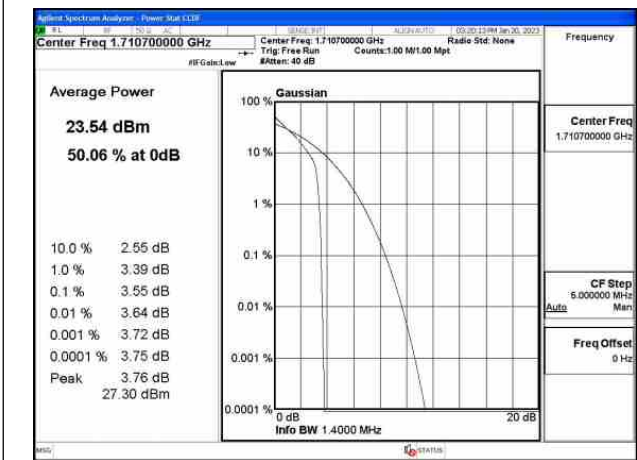


Fig.3

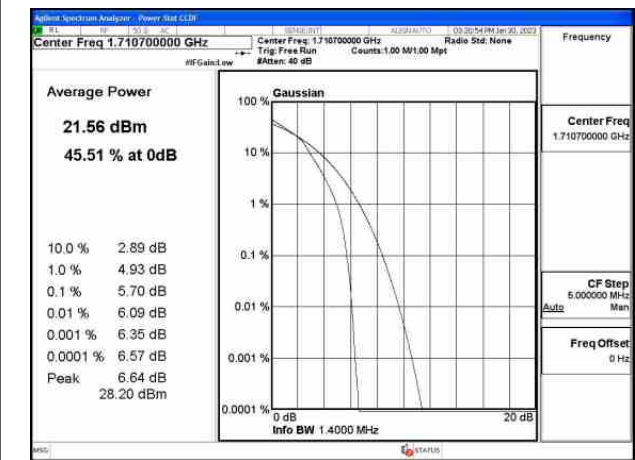


Fig.4

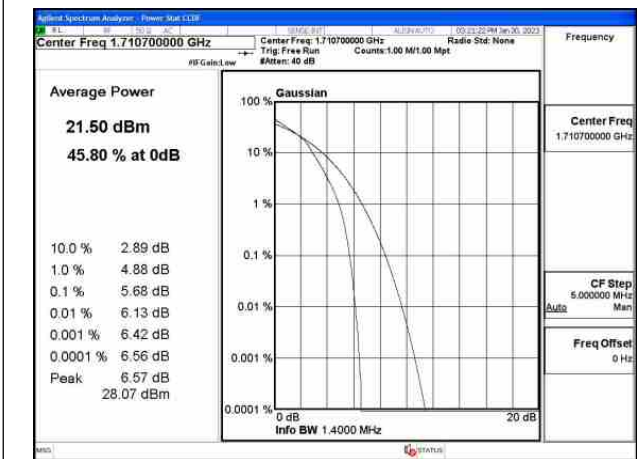


Fig.5

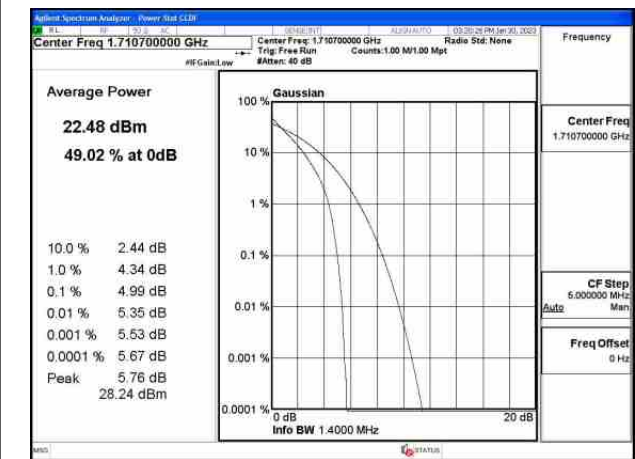


Fig.6

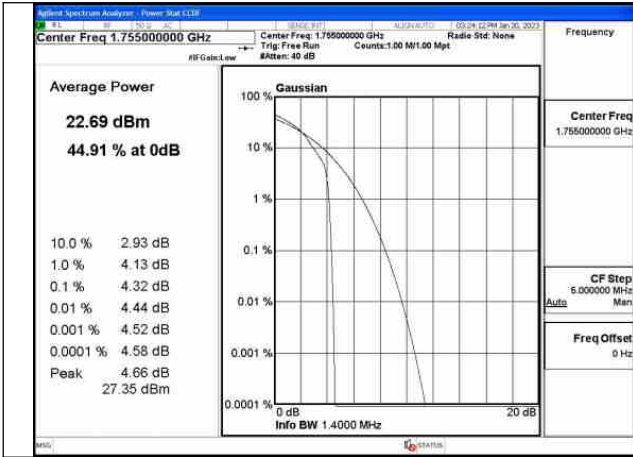


Fig.7

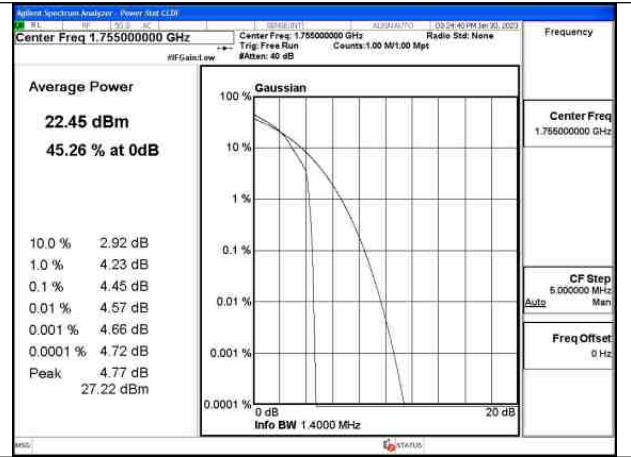


Fig.8

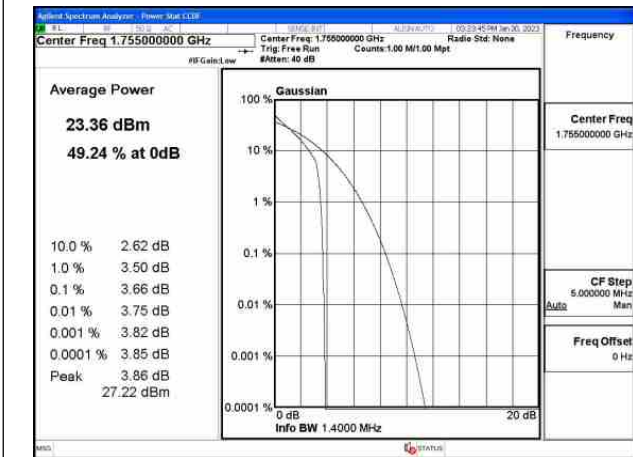


Fig.9

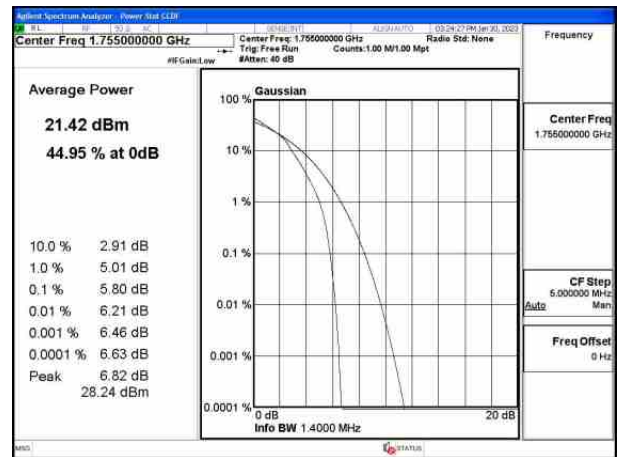


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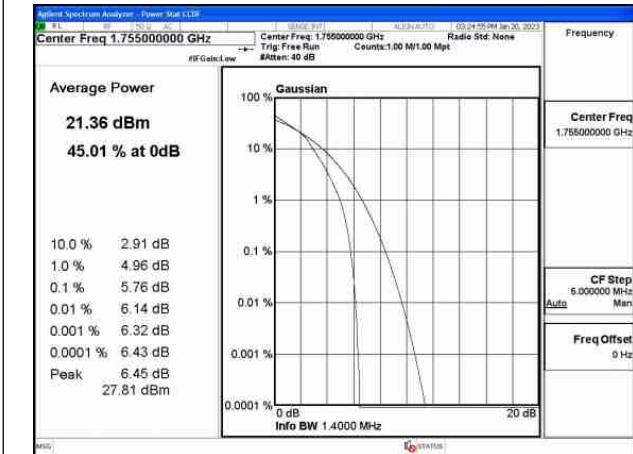


Fig.11

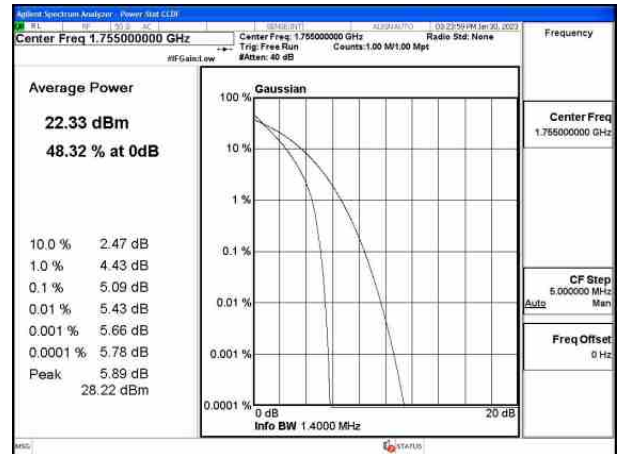


Fig.12

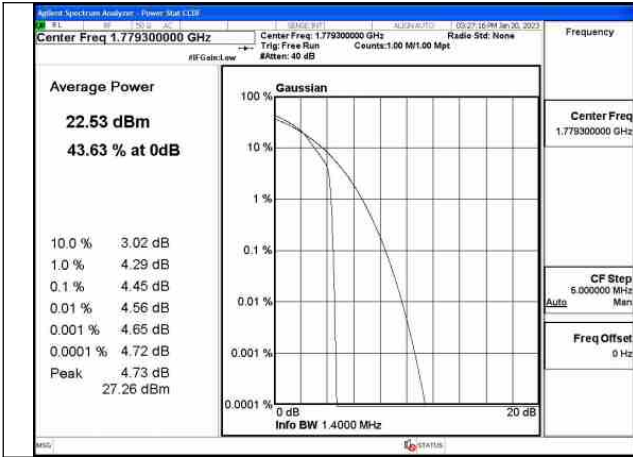


Fig.13

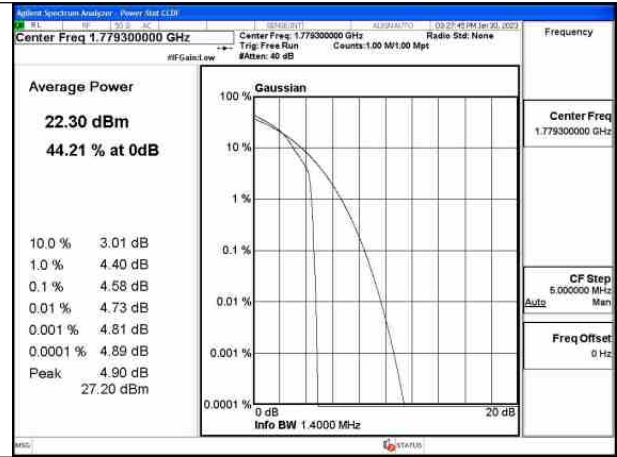


Fig.14

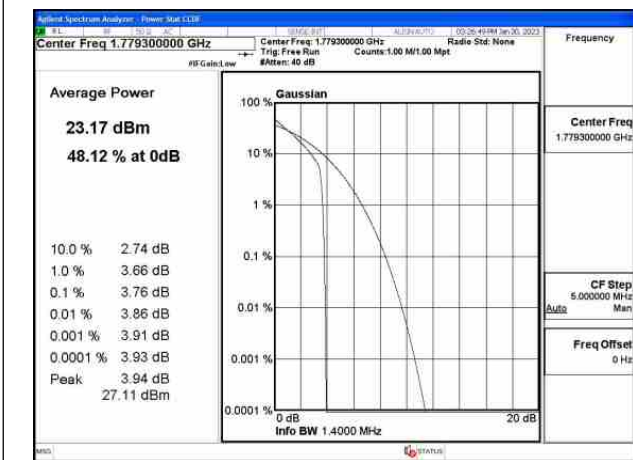


Fig.15

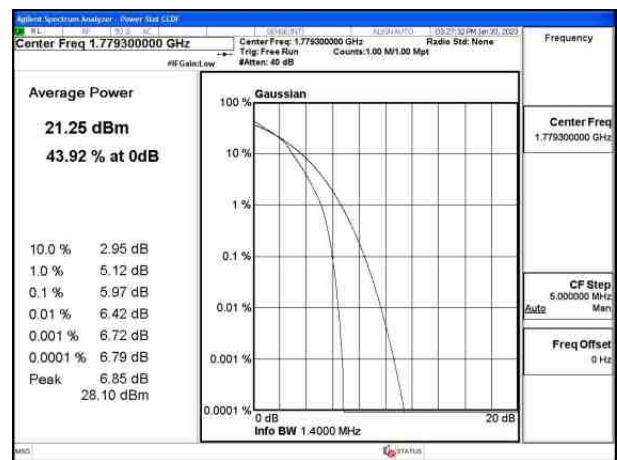


Fig.16

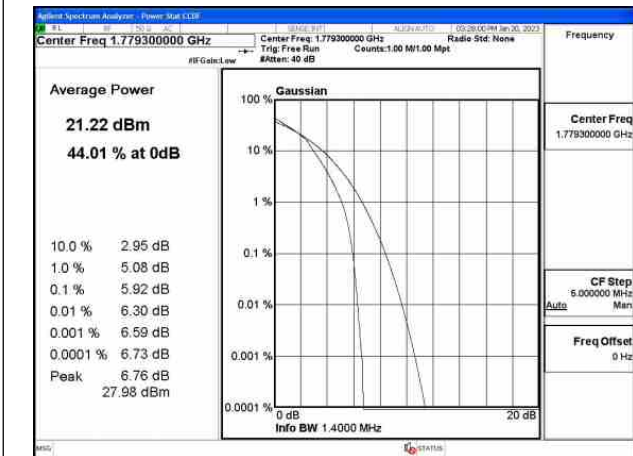


Fig.17

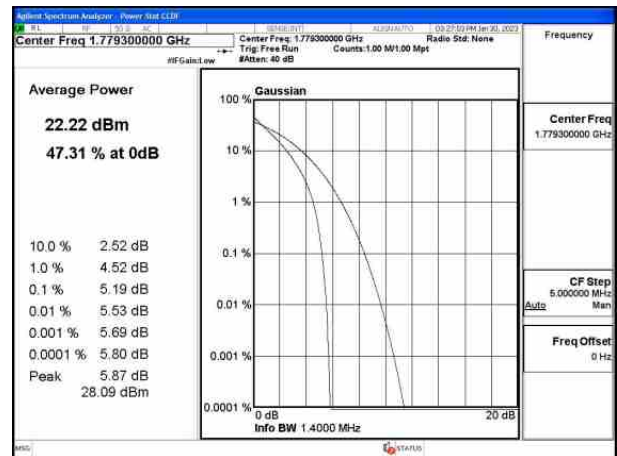


Fig.18

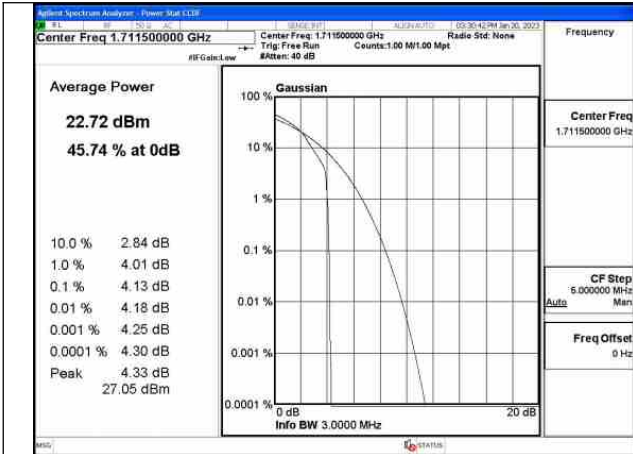


Fig.19

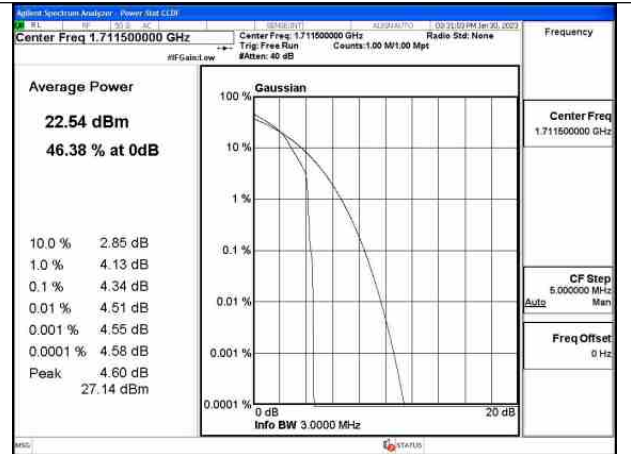


Fig.20

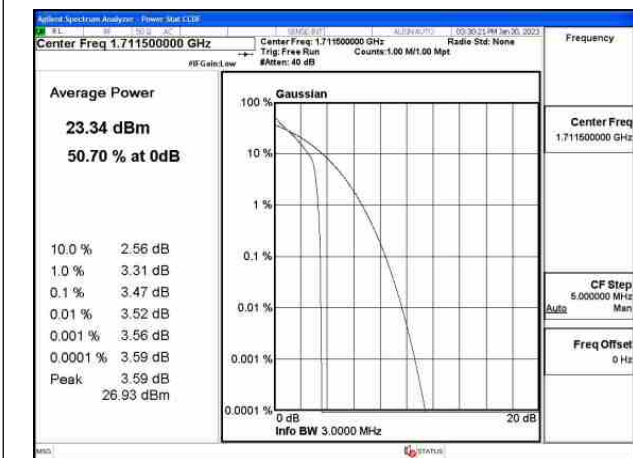


Fig.21

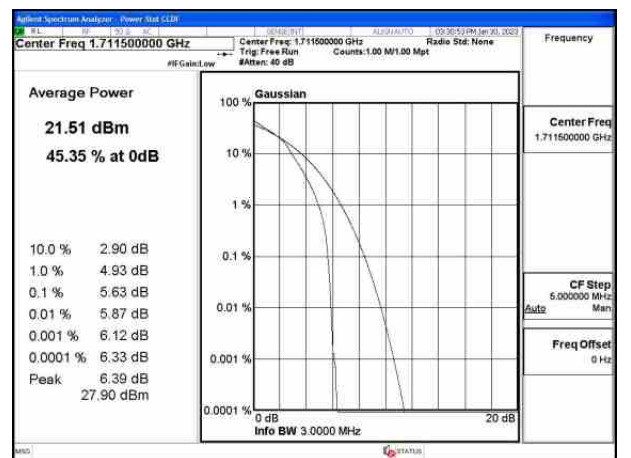


Fig.22

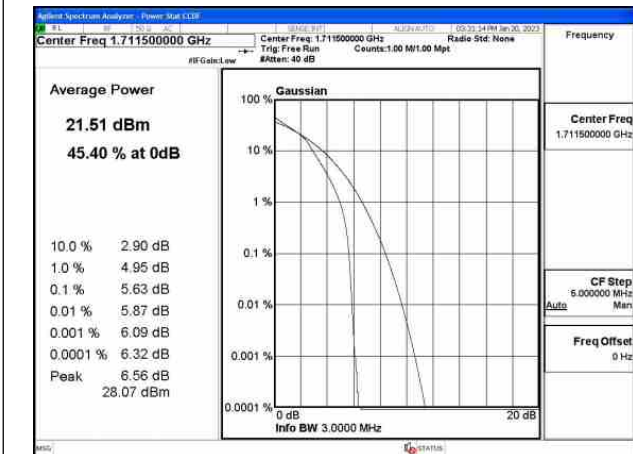


Fig.23

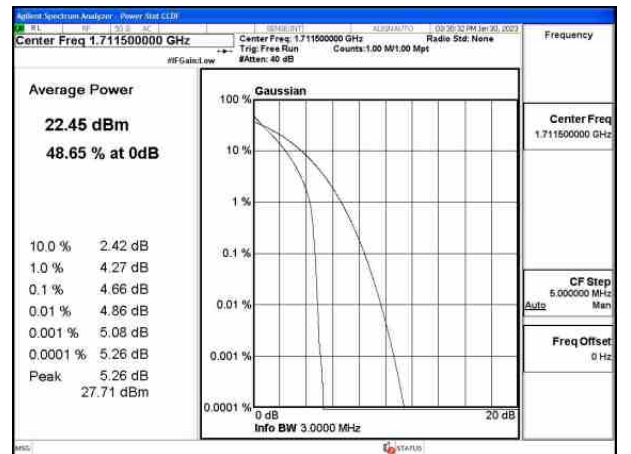


Fig.24

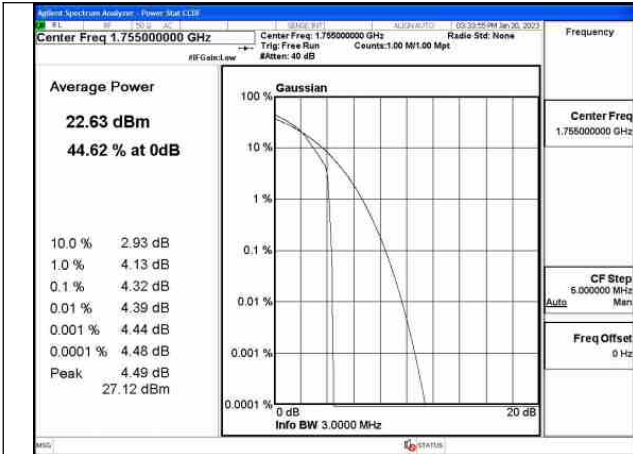


Fig.25

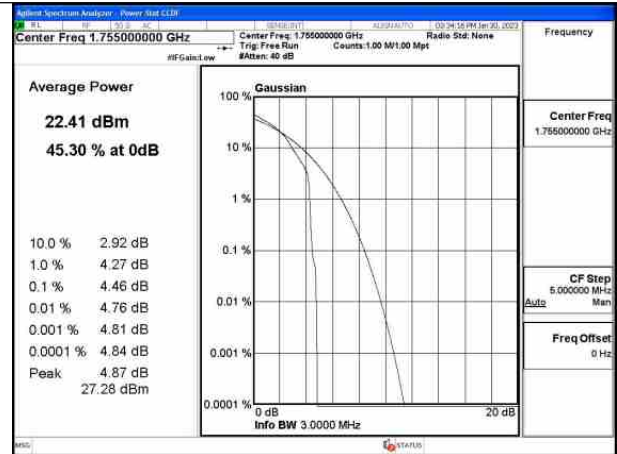


Fig.26

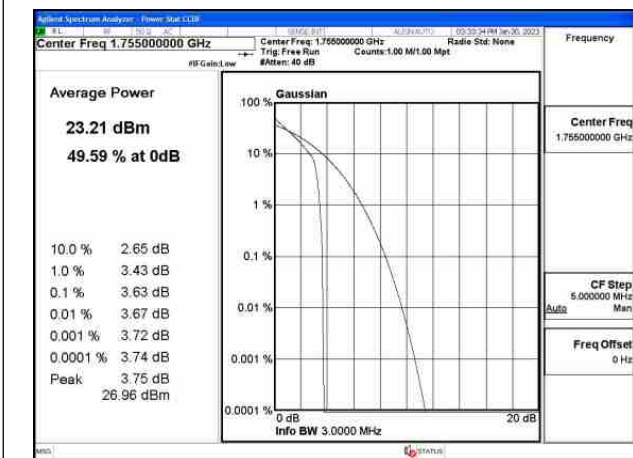


Fig.27

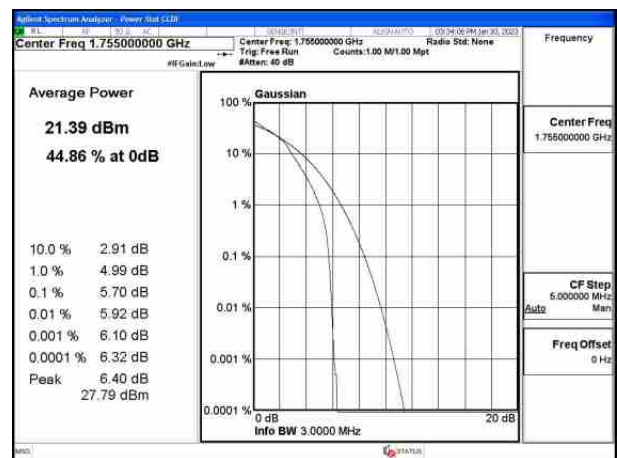


Fig.28

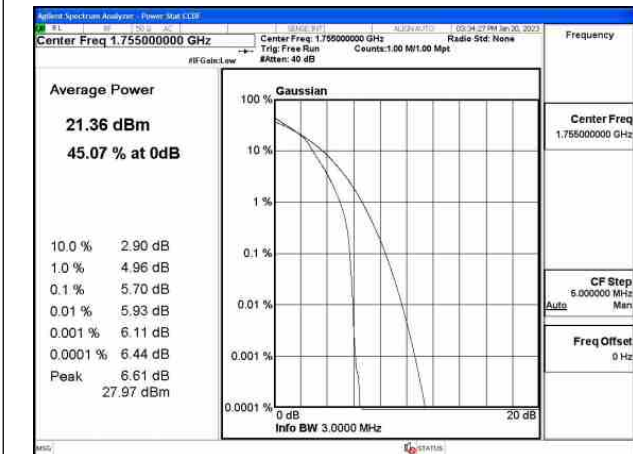


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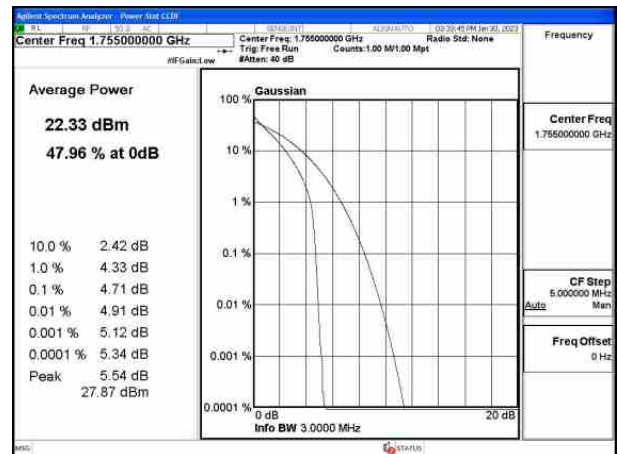


Fig.30

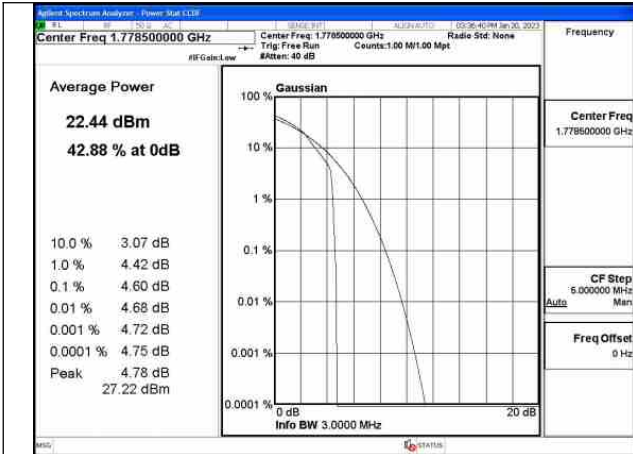


Fig.31

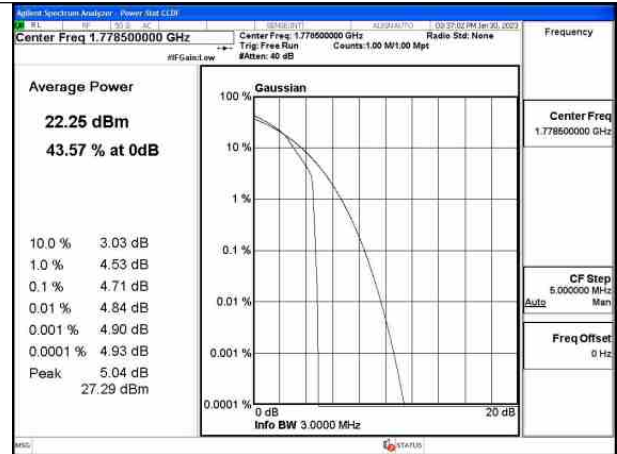


Fig.32

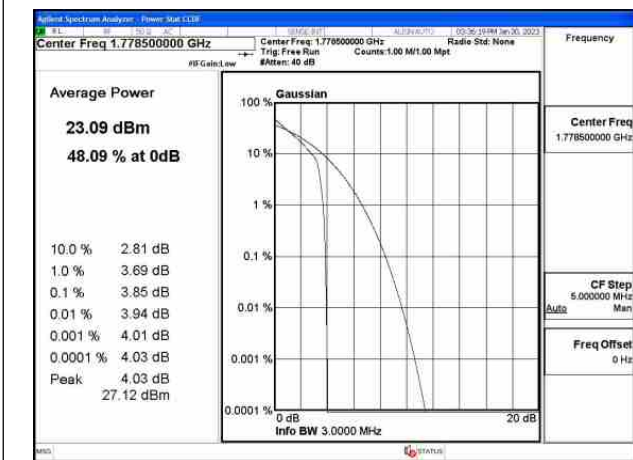


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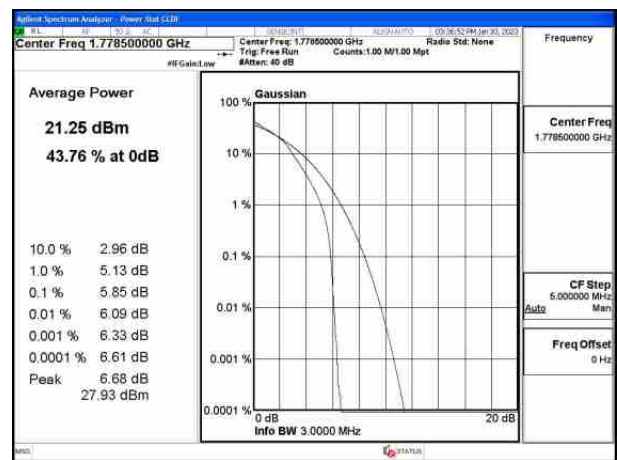


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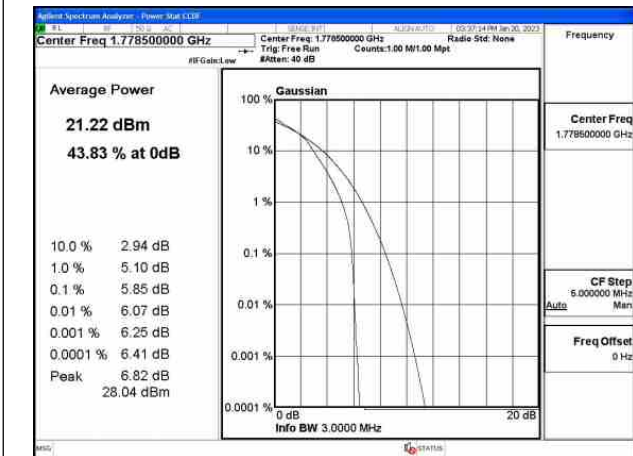


Fig.35

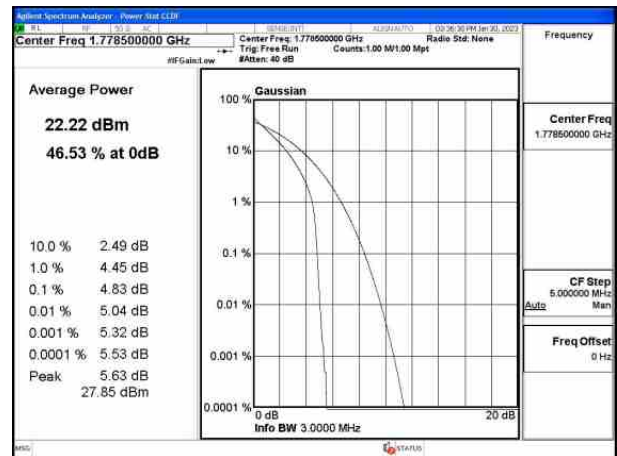


Fig.36

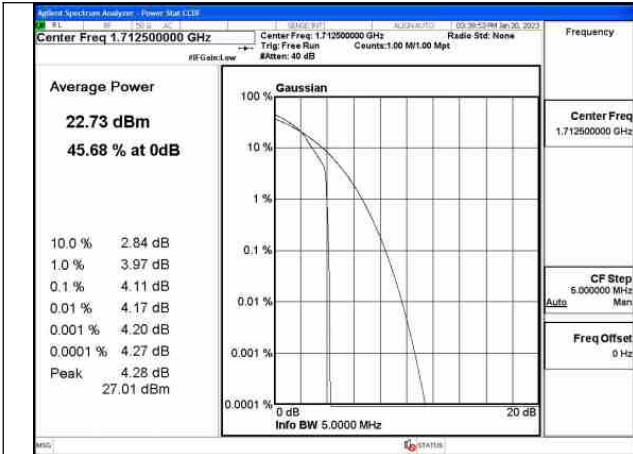


Fig.37

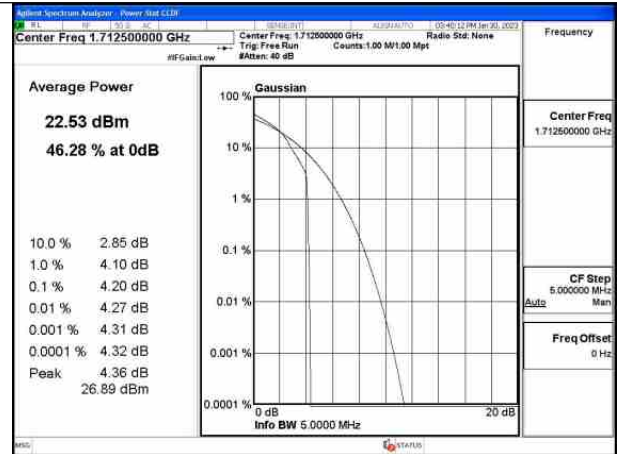


Fig.38

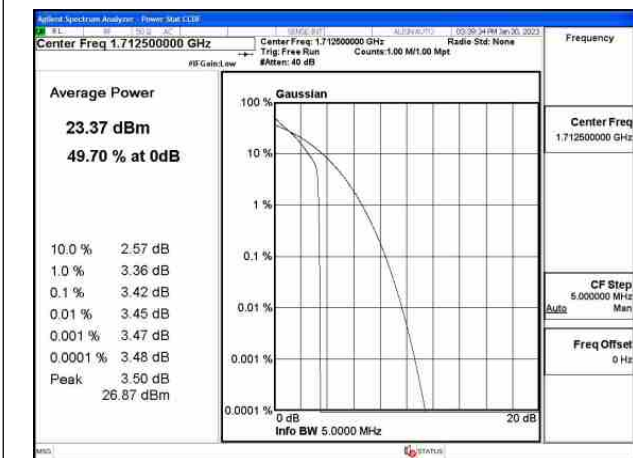


Fig.39

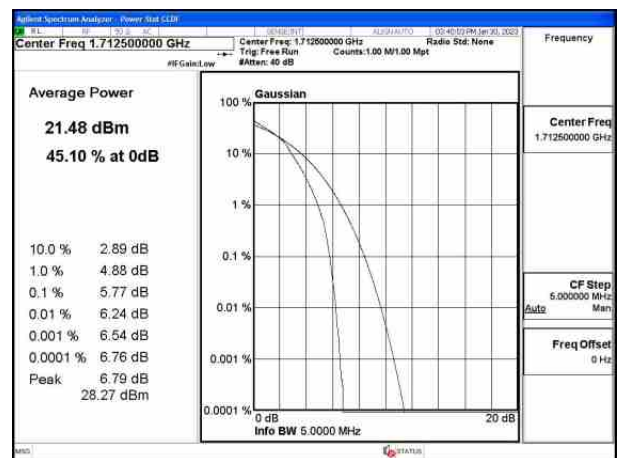


Fig.40

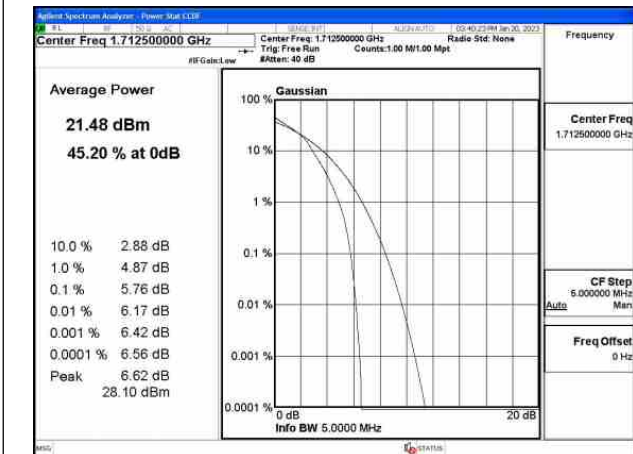


Fig.41

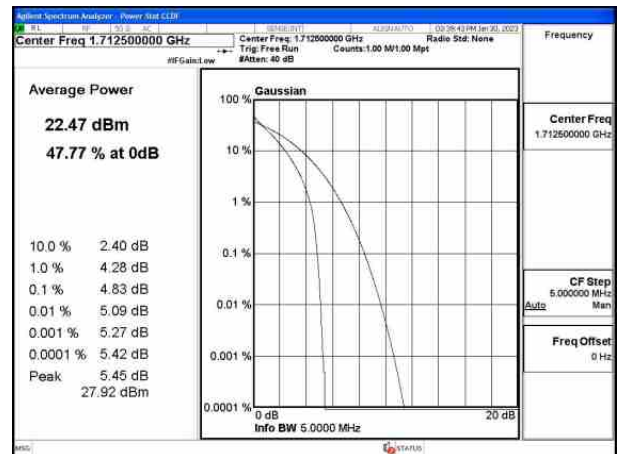


Fig.42

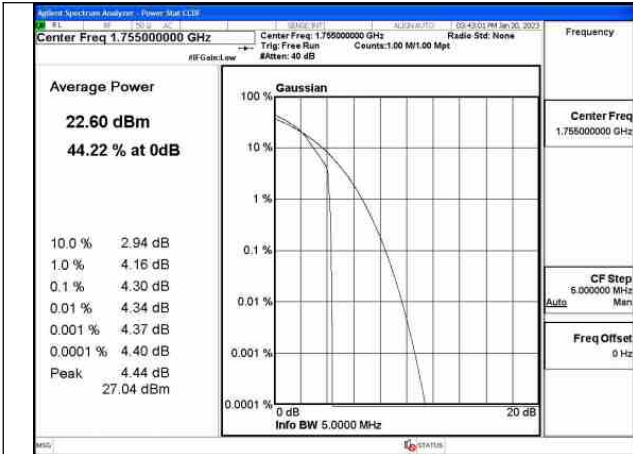


Fig.43

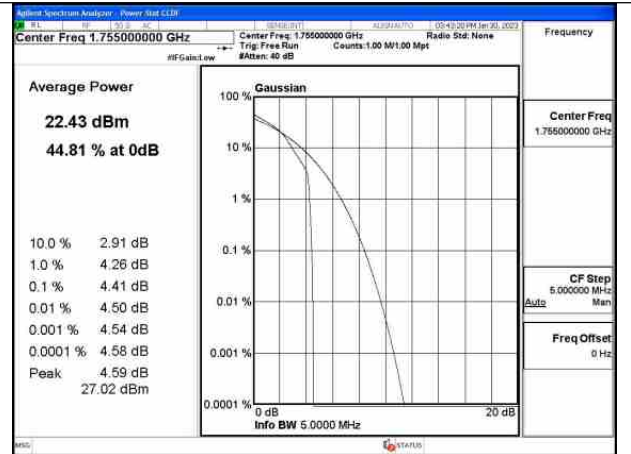


Fig.44

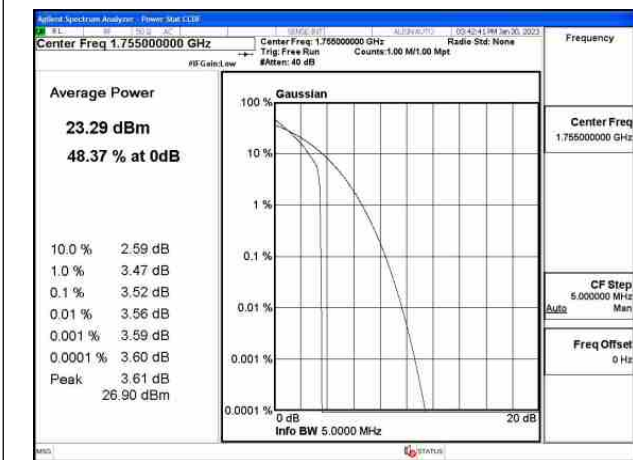


Fig.45

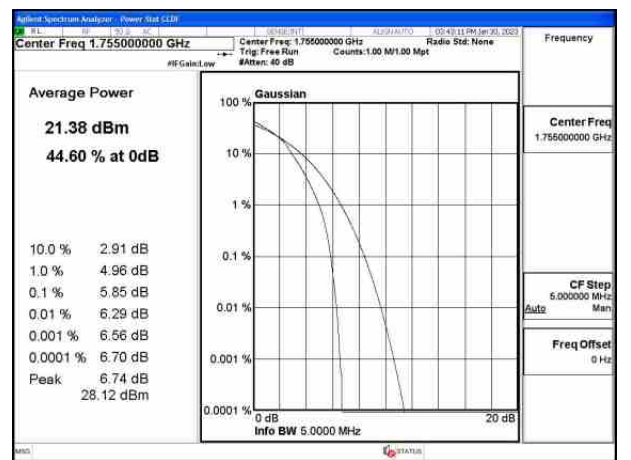


Fig.46

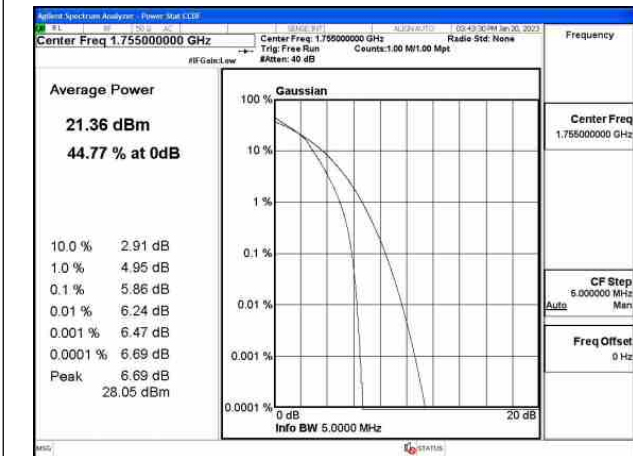


Fig.47

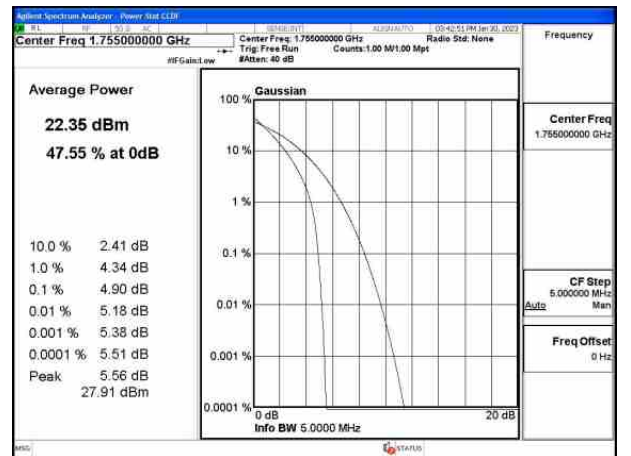


Fig.48

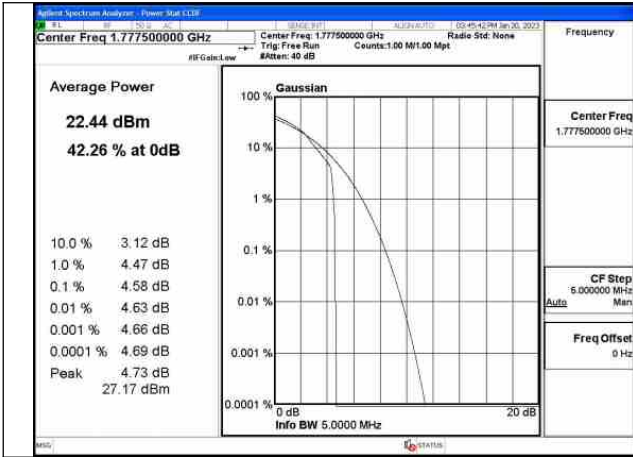


Fig.49

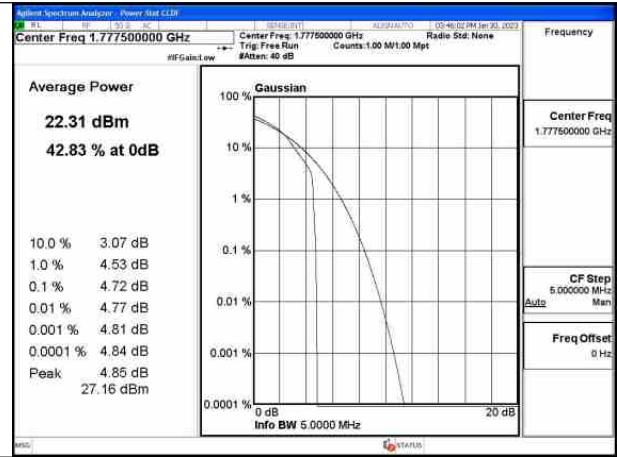


Fig.50

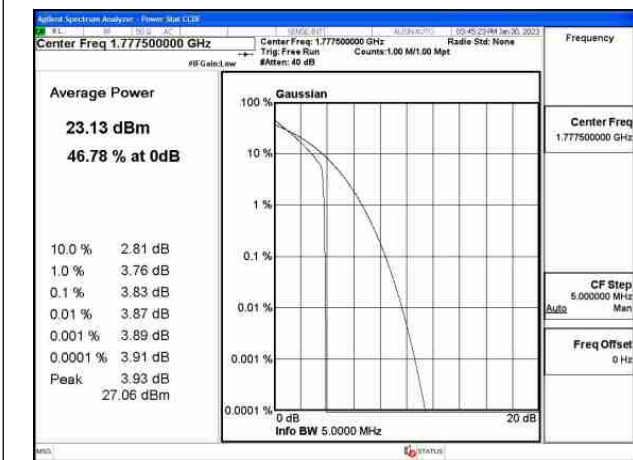


Fig.51

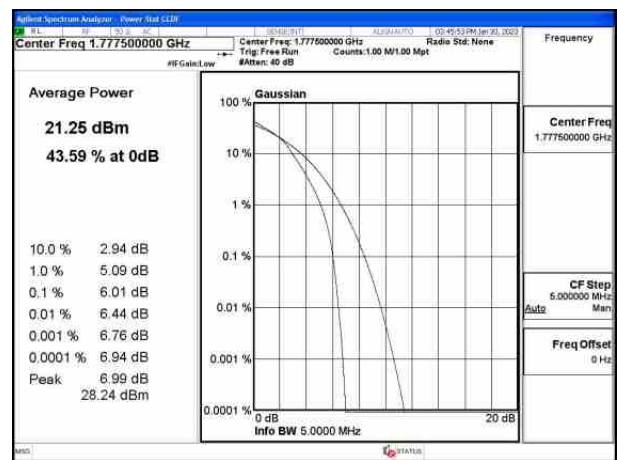


Fig.52

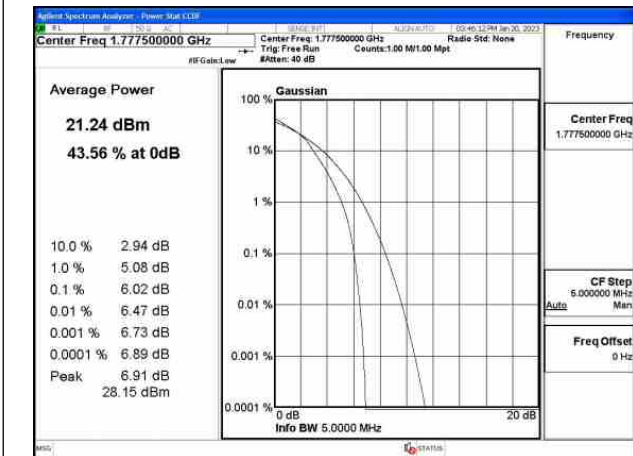


Fig.53

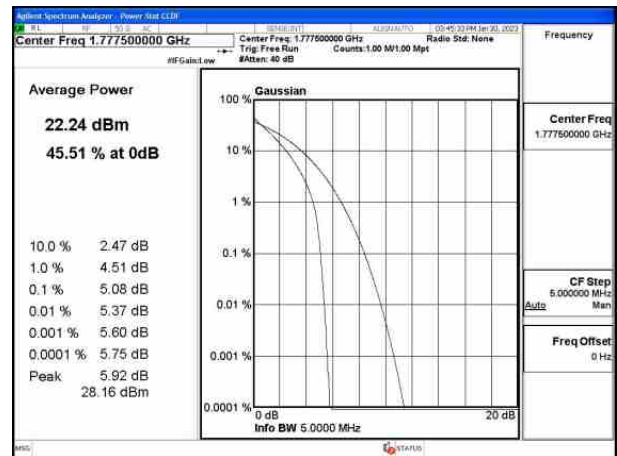


Fig.54

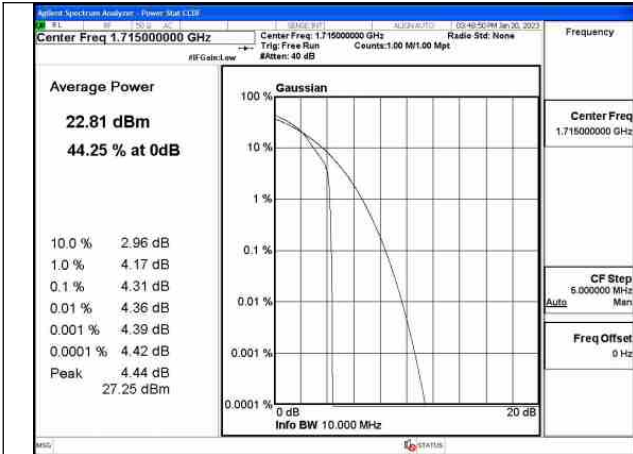


Fig.55

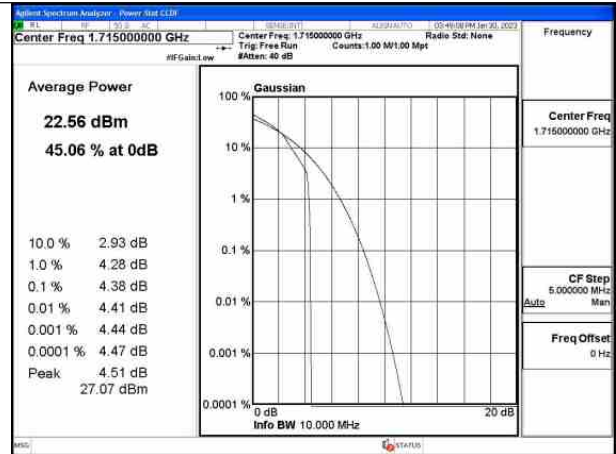


Fig.56

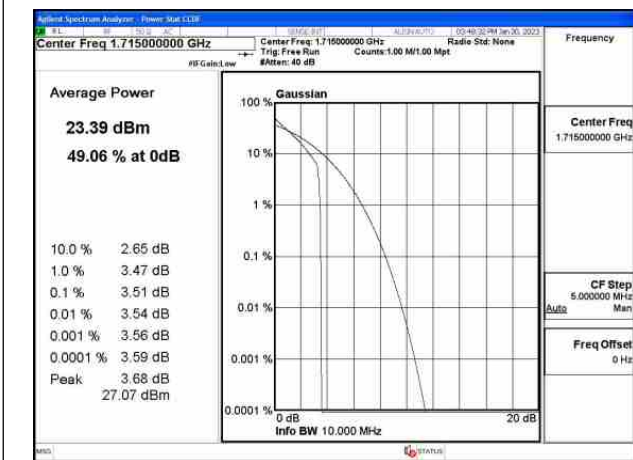


Fig.57

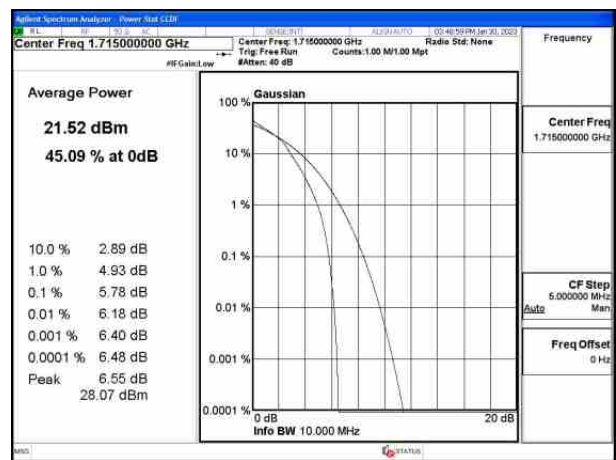


Fig.58

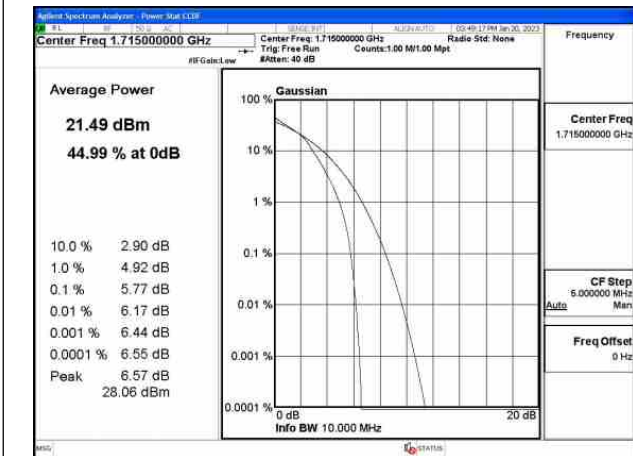


Fig.59

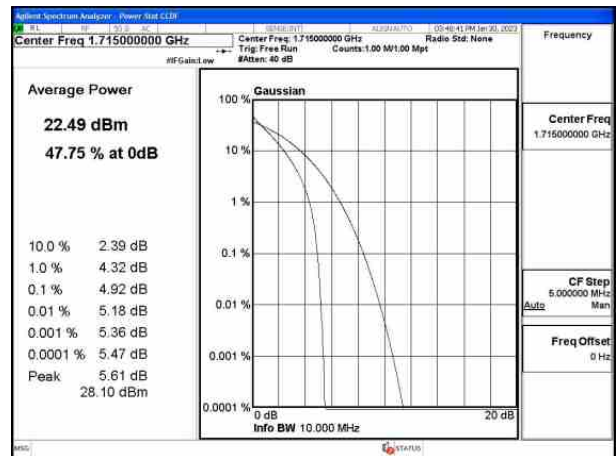


Fig.60

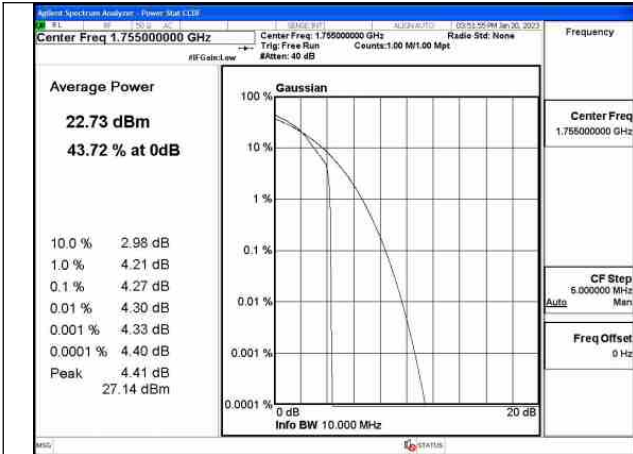


Fig.61

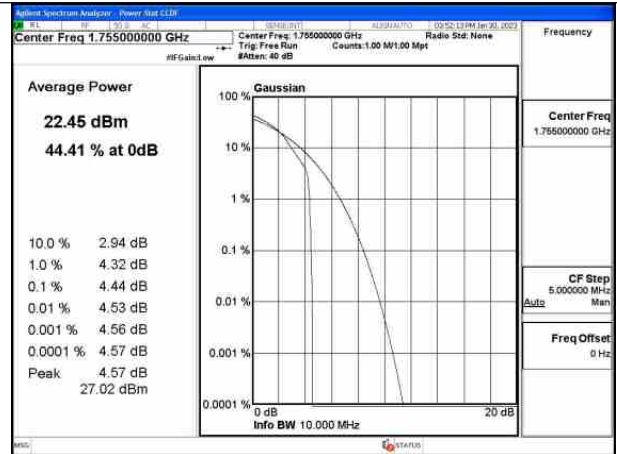


Fig.62

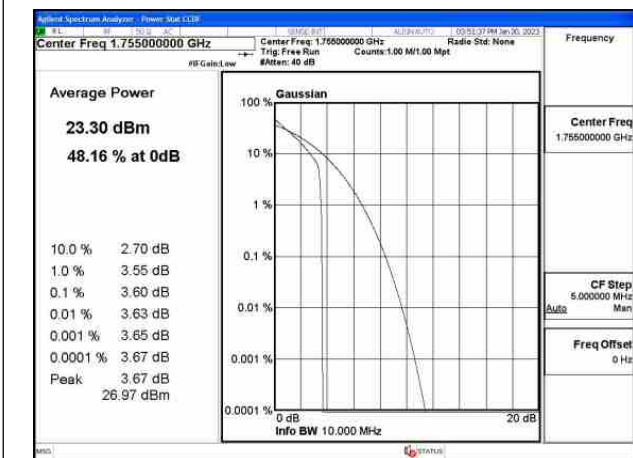


Fig.63

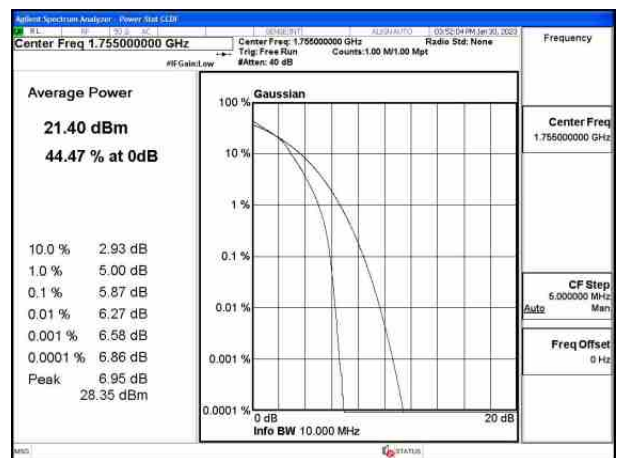


Fig.64

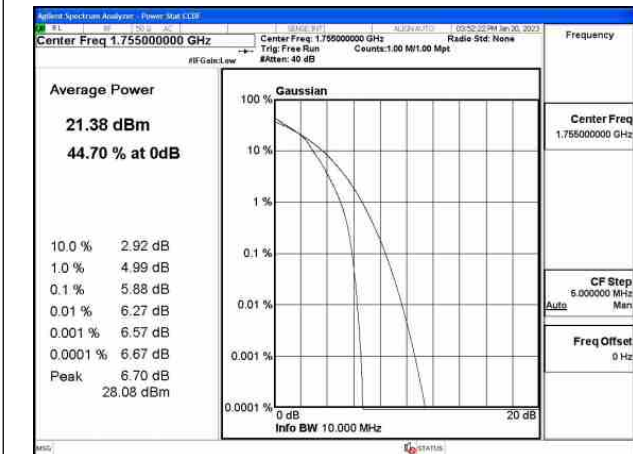


Fig.65

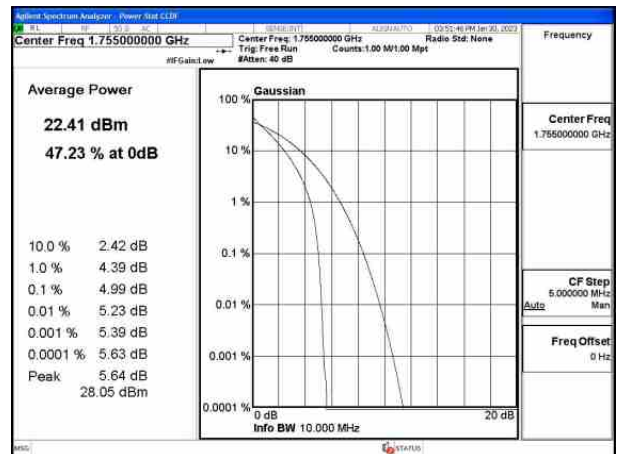


Fig.66