

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 48

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3552.5	55265	5	1	0	23.20
QPSK	3552.5	55265	5	1	12	23.65
QPSK	3552.5	55265	5	1	24	23.55
QPSK	3552.5	55265	5	12	0	22.67
QPSK	3552.5	55265	5	12	7	22.58
QPSK	3552.5	55265	5	12	13	22.60
QPSK	3552.5	55265	5	25	0	22.71
QPSK	3625	55990	5	1	0	23.34
QPSK	3625	55990	5	1	12	23.32
QPSK	3625	55990	5	1	24	23.22
QPSK	3625	55990	5	12	0	22.25
QPSK	3625	55990	5	12	7	22.26
QPSK	3625	55990	5	12	13	22.28
QPSK	3625	55990	5	25	0	22.33
QPSK	3697.5	56715	5	1	0	23.25
QPSK	3697.5	56715	5	1	12	23.24
QPSK	3697.5	56715	5	1	24	23.17
QPSK	3697.5	56715	5	12	0	22.28
QPSK	3697.5	56715	5	12	7	22.26
QPSK	3697.5	56715	5	12	13	22.14
QPSK	3697.5	56715	5	25	0	22.13

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3552.5	55265	5	1	0	22.70
16QAM	3552.5	55265	5	1	12	22.76
16QAM	3552.5	55265	5	1	24	22.79
16QAM	3552.5	55265	5	12	0	21.76
16QAM	3552.5	55265	5	12	7	21.69
16QAM	3552.5	55265	5	12	13	21.72
16QAM	3552.5	55265	5	25	0	21.62
16QAM	3625	55990	5	1	0	22.57
16QAM	3625	55990	5	1	12	22.49
16QAM	3625	55990	5	1	24	22.48
16QAM	3625	55990	5	12	0	21.43
16QAM	3625	55990	5	12	7	21.44
16QAM	3625	55990	5	12	13	21.35
16QAM	3625	55990	5	25	0	21.38
16QAM	3697.5	56715	5	1	0	22.55
16QAM	3697.5	56715	5	1	12	22.51
16QAM	3697.5	56715	5	1	24	22.44
16QAM	3697.5	56715	5	12	0	21.36
16QAM	3697.5	56715	5	12	7	21.24
16QAM	3697.5	56715	5	12	13	21.32
16QAM	3697.5	56715	5	25	0	21.29
64QAM	3552.5	55265	5	1	0	22.70
64QAM	3552.5	55265	5	1	12	22.58
64QAM	3552.5	55265	5	1	24	22.62
64QAM	3552.5	55265	5	12	0	21.59
64QAM	3552.5	55265	5	12	7	21.64
64QAM	3552.5	55265	5	12	13	21.66
64QAM	3552.5	55265	5	25	0	21.55
64QAM	3625	55990	5	1	0	22.46
64QAM	3625	55990	5	1	12	22.34
64QAM	3625	55990	5	1	24	22.34
64QAM	3625	55990	5	12	0	21.30
64QAM	3625	55990	5	12	7	21.32
64QAM	3625	55990	5	12	13	21.32
64QAM	3625	55990	5	25	0	21.33
64QAM	3697.5	56715	5	1	0	22.24
64QAM	3697.5	56715	5	1	12	22.26
64QAM	3697.5	56715	5	1	24	22.40
64QAM	3697.5	56715	5	12	0	21.12
64QAM	3697.5	56715	5	12	7	21.23
64QAM	3697.5	56715	5	12	13	21.19
64QAM	3697.5	56715	5	25	0	21.13

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3555	55290	10	1	0	23.57
QPSK	3555	55290	10	1	25	23.64
QPSK	3555	55290	10	1	49	23.61
QPSK	3555	55290	10	25	0	22.77
QPSK	3555	55290	10	25	12	22.74
QPSK	3555	55290	10	25	25	22.73
QPSK	3555	55290	10	50	0	22.67
QPSK	3625	55990	10	1	0	23.30
QPSK	3625	55990	10	1	25	23.23
QPSK	3625	55990	10	1	49	23.32
QPSK	3625	55990	10	25	0	22.31
QPSK	3625	55990	10	25	12	22.37
QPSK	3625	55990	10	25	25	22.41
QPSK	3625	55990	10	50	0	22.31
QPSK	3695	56690	10	1	0	23.24
QPSK	3695	56690	10	1	25	23.38
QPSK	3695	56690	10	1	49	23.34
QPSK	3695	56690	10	25	0	22.28
QPSK	3695	56690	10	25	12	22.18
QPSK	3695	56690	10	25	25	22.25
QPSK	3695	56690	10	50	0	22.20

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3555	55290	10	1	0	22.79
16QAM	3555	55290	10	1	25	22.77
16QAM	3555	55290	10	1	49	22.88
16QAM	3555	55290	10	25	0	21.66
16QAM	3555	55290	10	25	12	21.87
16QAM	3555	55290	10	25	25	21.75
16QAM	3555	55290	10	50	0	21.83
16QAM	3625	55990	10	1	0	22.65
16QAM	3625	55990	10	1	25	22.62
16QAM	3625	55990	10	1	49	22.54
16QAM	3625	55990	10	25	0	21.37
16QAM	3625	55990	10	25	12	21.33
16QAM	3625	55990	10	25	25	21.38
16QAM	3625	55990	10	50	0	21.40
16QAM	3695	56690	10	1	0	22.60
16QAM	3695	56690	10	1	25	22.53
16QAM	3695	56690	10	1	49	22.42
16QAM	3695	56690	10	25	0	21.21
16QAM	3695	56690	10	25	12	21.31
16QAM	3695	56690	10	25	25	21.28
16QAM	3695	56690	10	50	0	21.27
64QAM	3555	55290	10	1	0	22.75
64QAM	3555	55290	10	1	25	22.70
64QAM	3555	55290	10	1	49	22.80
64QAM	3555	55290	10	25	0	21.68
64QAM	3555	55290	10	25	12	21.79
64QAM	3555	55290	10	25	25	21.77
64QAM	3555	55290	10	50	0	21.76
64QAM	3625	55990	10	1	0	22.35
64QAM	3625	55990	10	1	25	22.39
64QAM	3625	55990	10	1	49	22.38
64QAM	3625	55990	10	25	0	21.42
64QAM	3625	55990	10	25	12	21.28
64QAM	3625	55990	10	25	25	21.24
64QAM	3625	55990	10	50	0	21.35
64QAM	3695	56690	10	1	0	22.25
64QAM	3695	56690	10	1	25	22.25
64QAM	3695	56690	10	1	49	22.44
64QAM	3695	56690	10	25	0	21.22
64QAM	3695	56690	10	25	12	21.33
64QAM	3695	56690	10	25	25	21.31
64QAM	3695	56690	10	50	0	21.29

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3557.5	55315	15	1	0	23.74
QPSK	3557.5	55315	15	1	37	23.62
QPSK	3557.5	55315	15	1	74	23.90
QPSK	3557.5	55315	15	36	0	22.79
QPSK	3557.5	55315	15	36	29	22.77
QPSK	3557.5	55315	15	36	30	22.79
QPSK	3557.5	55315	15	75	0	22.71
QPSK	3625	55990	15	1	0	23.32
QPSK	3625	55990	15	1	37	23.25
QPSK	3625	55990	15	1	74	23.35
QPSK	3625	55990	15	36	0	22.32
QPSK	3625	55990	15	36	29	22.39
QPSK	3625	55990	15	36	30	22.39
QPSK	3625	55990	15	75	0	22.33
QPSK	3692.5	56665	15	1	0	23.23
QPSK	3692.5	56665	15	1	37	23.16
QPSK	3692.5	56665	15	1	74	23.27
QPSK	3692.5	56665	15	36	0	22.30
QPSK	3692.5	56665	15	36	29	22.22
QPSK	3692.5	56665	15	36	30	22.33
QPSK	3692.5	56665	15	75	0	22.25

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3557.5	55315	15	1	0	22.81
16QAM	3557.5	55315	15	1	37	22.83
16QAM	3557.5	55315	15	1	74	23.02
16QAM	3557.5	55315	15	36	0	21.71
16QAM	3557.5	55315	15	36	29	21.80
16QAM	3557.5	55315	15	36	30	21.80
16QAM	3557.5	55315	15	75	0	21.68
16QAM	3625	55990	15	1	0	22.51
16QAM	3625	55990	15	1	37	22.48
16QAM	3625	55990	15	1	74	22.60
16QAM	3625	55990	15	36	0	21.33
16QAM	3625	55990	15	36	29	21.37
16QAM	3625	55990	15	36	30	21.34
16QAM	3625	55990	15	75	0	21.33
16QAM	3692.5	56665	15	1	0	22.44
16QAM	3692.5	56665	15	1	37	22.53
16QAM	3692.5	56665	15	1	74	22.45
16QAM	3692.5	56665	15	36	0	21.31
16QAM	3692.5	56665	15	36	29	21.36
16QAM	3692.5	56665	15	36	30	21.25
16QAM	3692.5	56665	15	75	0	21.42
64QAM	3557.5	55315	15	1	0	22.61
64QAM	3557.5	55315	15	1	37	22.79
64QAM	3557.5	55315	15	1	74	22.78
64QAM	3557.5	55315	15	36	0	21.77
64QAM	3557.5	55315	15	36	29	21.85
64QAM	3557.5	55315	15	36	30	21.75
64QAM	3557.5	55315	15	75	0	21.91
64QAM	3625	55990	15	1	0	22.38
64QAM	3625	55990	15	1	37	22.45
64QAM	3625	55990	15	1	74	22.56
64QAM	3625	55990	15	36	0	21.38
64QAM	3625	55990	15	36	29	21.38
64QAM	3625	55990	15	36	30	21.37
64QAM	3625	55990	15	75	0	21.35
64QAM	3692.5	56665	15	1	0	22.31
64QAM	3692.5	56665	15	1	37	22.36
64QAM	3692.5	56665	15	1	74	22.49
64QAM	3692.5	56665	15	36	0	21.22
64QAM	3692.5	56665	15	36	29	21.24
64QAM	3692.5	56665	15	36	30	21.26
64QAM	3692.5	56665	15	75	0	21.41

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3560	55340	20	1	0	23.73
QPSK	3560	55340	20	1	49	23.65
QPSK	3560	55340	20	1	99	23.81
QPSK	3560	55340	20	50	0	22.76
QPSK	3560	55340	20	50	24	22.86
QPSK	3560	55340	20	50	50	22.90
QPSK	3560	55340	20	100	0	22.93
QPSK	3625	55990	20	1	0	23.26
QPSK	3625	55990	20	1	49	23.18
QPSK	3625	55990	20	1	99	23.25
QPSK	3625	55990	20	50	0	22.29
QPSK	3625	55990	20	50	24	22.39
QPSK	3625	55990	20	50	50	22.45
QPSK	3625	55990	20	100	0	22.38
QPSK	3690	56640	20	1	0	23.28
QPSK	3690	56640	20	1	49	23.21
QPSK	3690	56640	20	1	99	23.30
QPSK	3690	56640	20	50	0	22.29
QPSK	3690	56640	20	50	24	22.25
QPSK	3690	56640	20	50	50	22.27
QPSK	3690	56640	20	100	0	22.43

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3560	55340	20	1	0	23.11
16QAM	3560	55340	20	1	49	22.86
16QAM	3560	55340	20	1	99	23.05
16QAM	3560	55340	20	50	0	21.89
16QAM	3560	55340	20	50	24	21.85
16QAM	3560	55340	20	50	50	21.91
16QAM	3560	55340	20	100	0	21.85
16QAM	3625	55990	20	1	0	22.59
16QAM	3625	55990	20	1	49	22.46
16QAM	3625	55990	20	1	99	22.54
16QAM	3625	55990	20	50	0	21.38
16QAM	3625	55990	20	50	24	21.38
16QAM	3625	55990	20	50	50	21.45
16QAM	3625	55990	20	100	0	21.43
16QAM	3690	56640	20	1	0	22.52
16QAM	3690	56640	20	1	49	22.53
16QAM	3690	56640	20	1	99	22.44
16QAM	3690	56640	20	50	0	21.38
16QAM	3690	56640	20	50	24	21.45
16QAM	3690	56640	20	50	50	21.36
16QAM	3690	56640	20	100	0	21.32
64QAM	3560	55340	20	1	0	22.83
64QAM	3560	55340	20	1	49	22.77
64QAM	3560	55340	20	1	99	22.97
64QAM	3560	55340	20	50	0	21.70
64QAM	3560	55340	20	50	24	21.89
64QAM	3560	55340	20	50	50	21.90
64QAM	3560	55340	20	100	0	21.98
64QAM	3625	55990	20	1	0	22.34
64QAM	3625	55990	20	1	49	22.46
64QAM	3625	55990	20	1	99	22.32
64QAM	3625	55990	20	50	0	21.25
64QAM	3625	55990	20	50	24	21.35
64QAM	3625	55990	20	50	50	21.31
64QAM	3625	55990	20	100	0	21.41
64QAM	3690	56640	20	1	0	22.50
64QAM	3690	56640	20	1	49	22.38
64QAM	3690	56640	20	1	99	22.47
64QAM	3690	56640	20	50	0	21.22
64QAM	3690	56640	20	50	24	21.39
64QAM	3690	56640	20	50	50	21.31
64QAM	3690	56640	20	100	0	21.35

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
48	QPSK	3552.5	55265	5	25	0	4.466	Fig.1
48	QPSK	3625	55990	5	25	0	4.447	Fig.2
48	QPSK	3697.5	56715	5	25	0	4.450	Fig.3
48	QPSK	3555	55290	10	50	0	8.932	Fig.4
48	QPSK	3625	55990	10	50	0	8.887	Fig.5
48	QPSK	3695	56690	10	50	0	8.905	Fig.6
48	QPSK	3557.5	55315	15	75	0	13.375	Fig.7
48	QPSK	3625	55990	15	75	0	13.364	Fig.8
48	QPSK	3692.5	56665	15	75	0	13.353	Fig.9
48	QPSK	3560	55340	20	100	0	17.850	Fig.10
48	QPSK	3625	55990	20	100	0	17.749	Fig.11
48	QPSK	3690	56640	20	100	0	17.862	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
48	16QAM	3552.5	55265	5	25	0	4.459	Fig.13
48	16QAM	3625	55990	5	25	0	4.463	Fig.14
48	16QAM	3697.5	56715	5	25	0	4.428	Fig.15
48	16QAM	3555	55290	10	50	0	8.899	Fig.16
48	16QAM	3625	55990	10	50	0	8.911	Fig.17
48	16QAM	3695	56690	10	50	0	8.897	Fig.18
48	16QAM	3557.5	55315	15	75	0	13.310	Fig.19
48	16QAM	3625	55990	15	75	0	13.294	Fig.20
48	16QAM	3692.5	56665	15	75	0	13.281	Fig.21
48	16QAM	3560	55340	20	100	0	17.839	Fig.22
48	16QAM	3625	55990	20	100	0	17.654	Fig.23
48	16QAM	3690	56640	20	100	0	17.782	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
48	64QAM	3552.5	55265	5	25	0	4.468	Fig.25
48	64QAM	3625	55990	5	25	0	4.440	Fig.26
48	64QAM	3697.5	56715	5	25	0	4.448	Fig.27
48	64QAM	3555	55290	10	50	0	8.784	Fig.28
48	64QAM	3625	55990	10	50	0	8.874	Fig.29
48	64QAM	3695	56690	10	50	0	8.868	Fig.30
48	64QAM	3557.5	55315	15	75	0	13.312	Fig.31
48	64QAM	3625	55990	15	75	0	13.391	Fig.32
48	64QAM	3692.5	56665	15	75	0	13.414	Fig.33
48	64QAM	3560	55340	20	100	0	17.768	Fig.34
48	64QAM	3625	55990	20	100	0	17.657	Fig.35
48	64QAM	3690	56640	20	100	0	17.713	Fig.36

Test Mode: QPSK

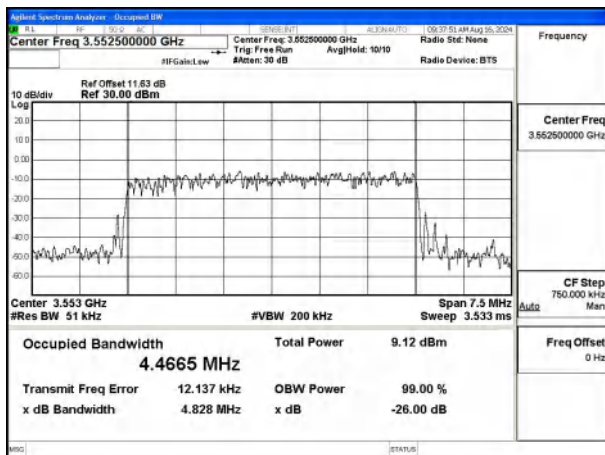


Fig.1

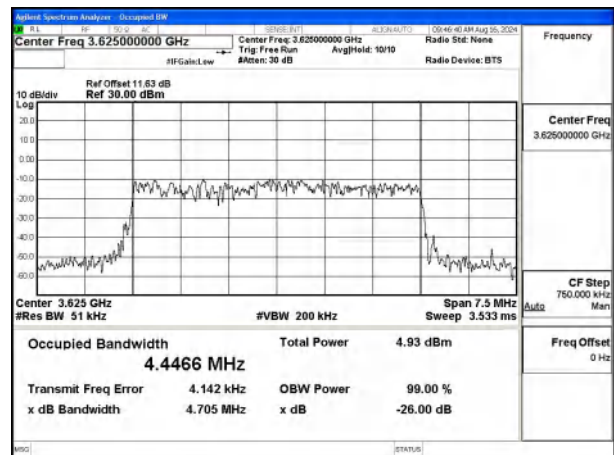


Fig.2

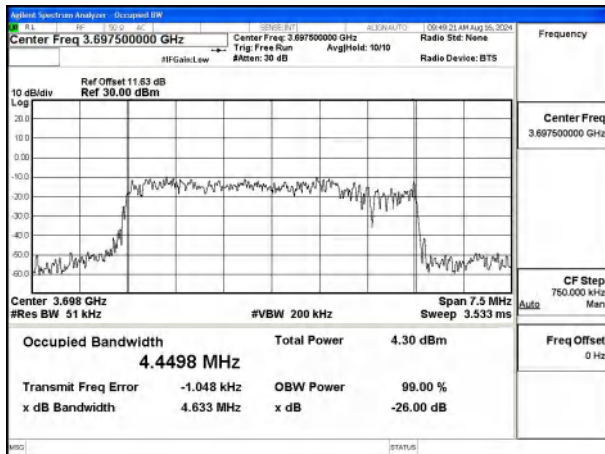


Fig.3

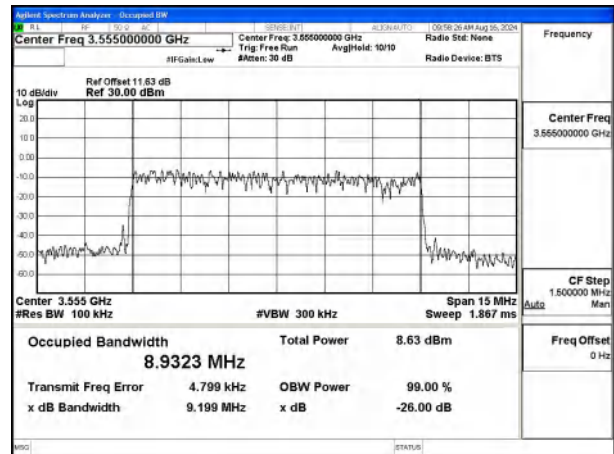


Fig.4

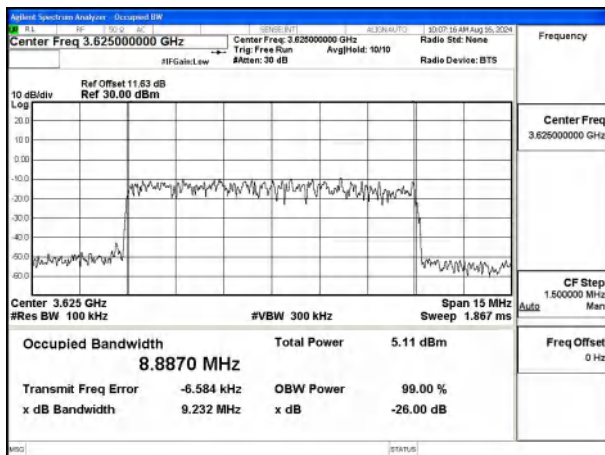


Fig.5

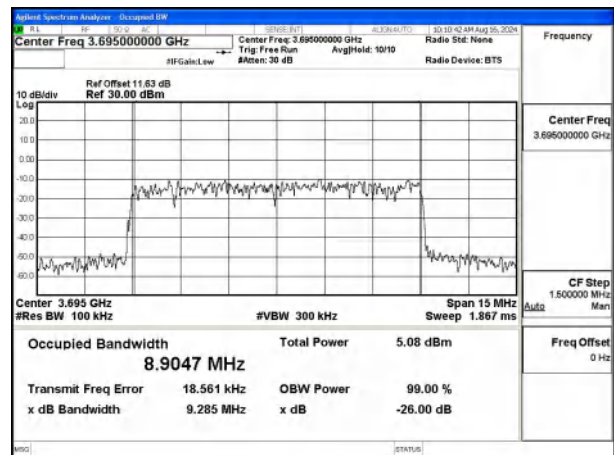


Fig.6

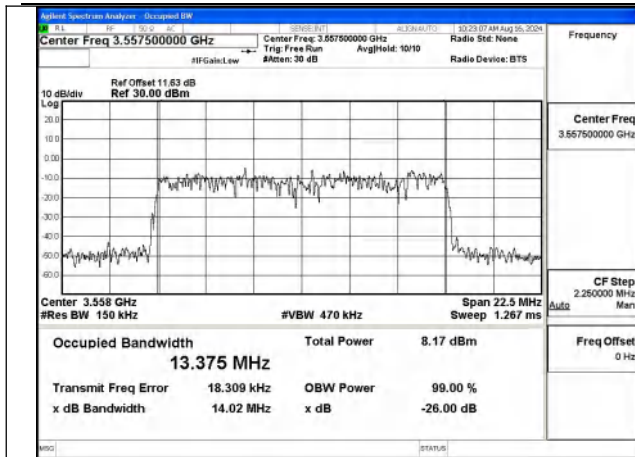


Fig.7

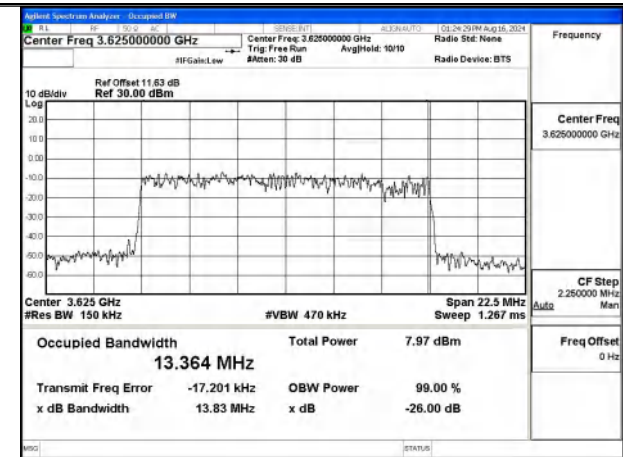


Fig.8

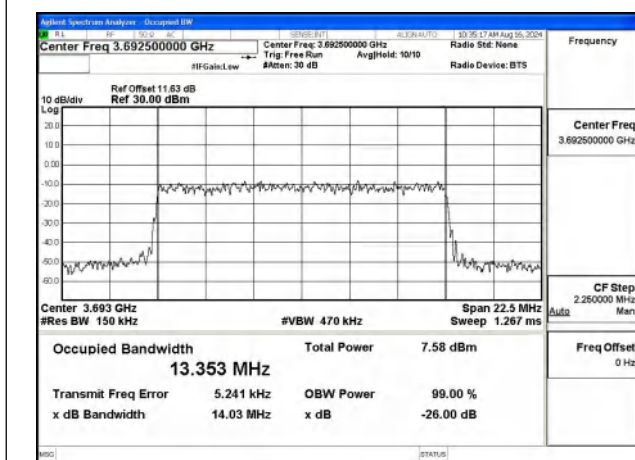


Fig.9

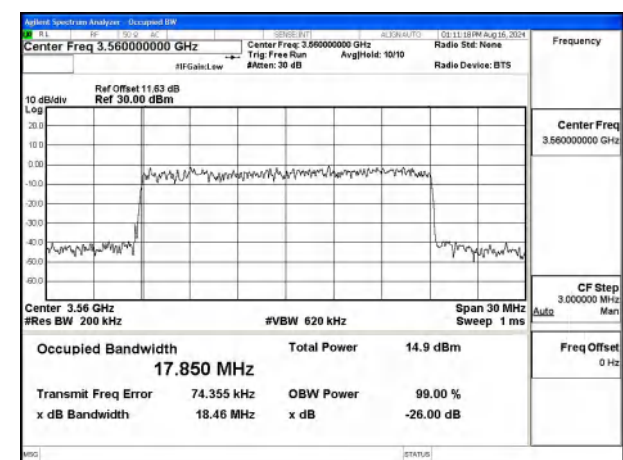


Fig.10

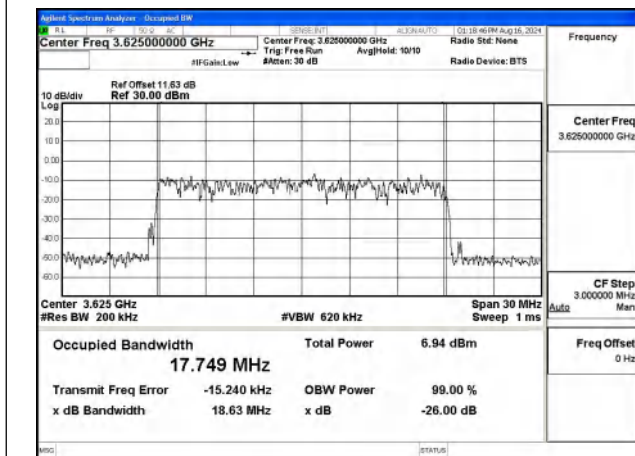


Fig.11

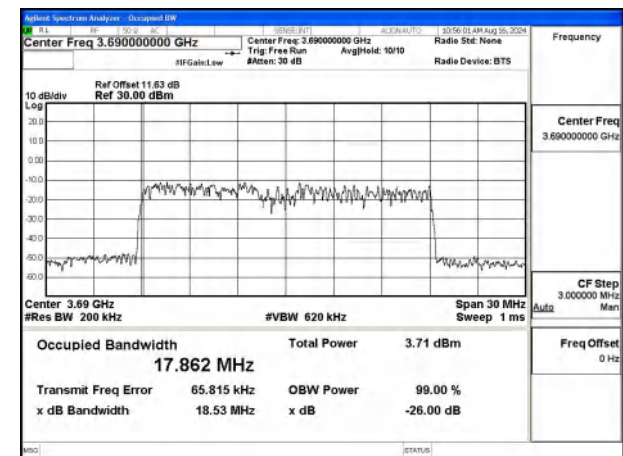


Fig.12

Test Mode: 16QAM

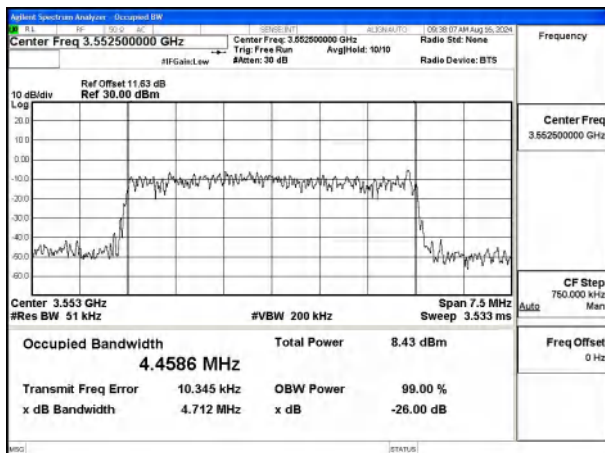


Fig.13

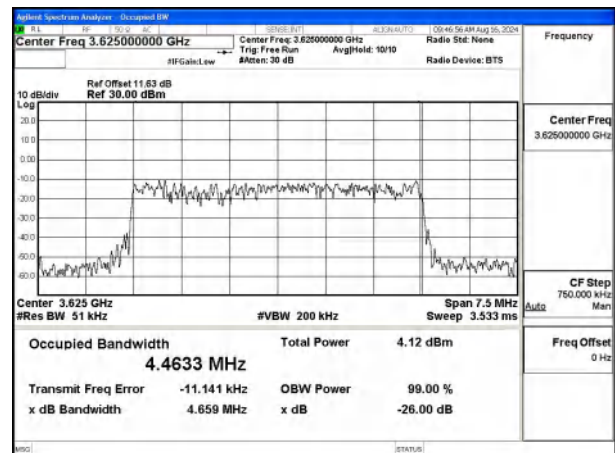


Fig.14

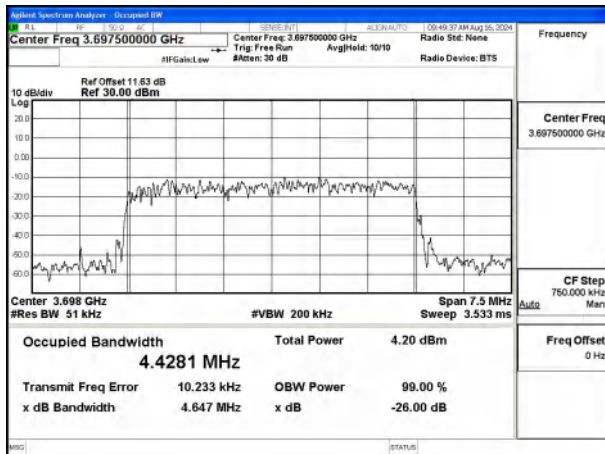


Fig.15

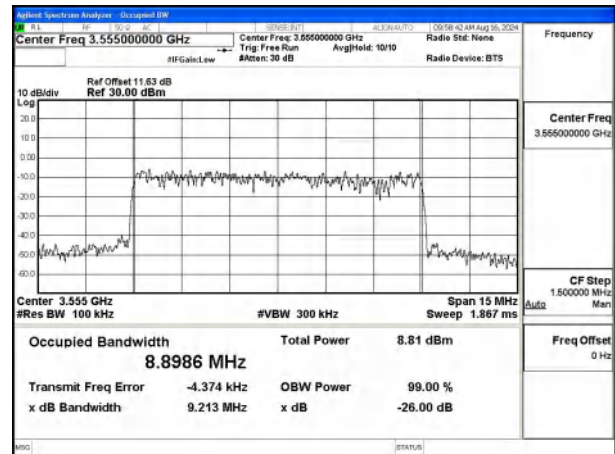


Fig.16

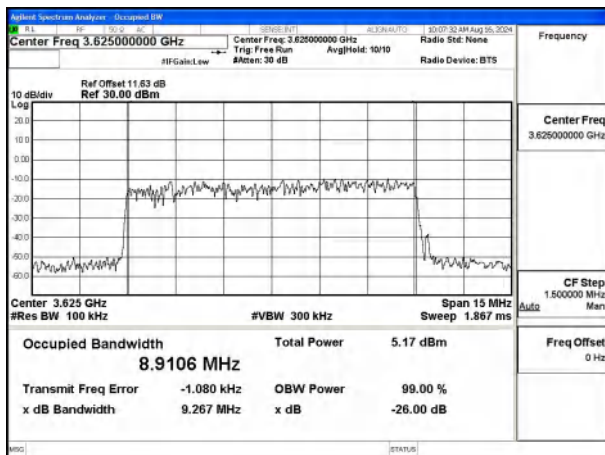


Fig.17

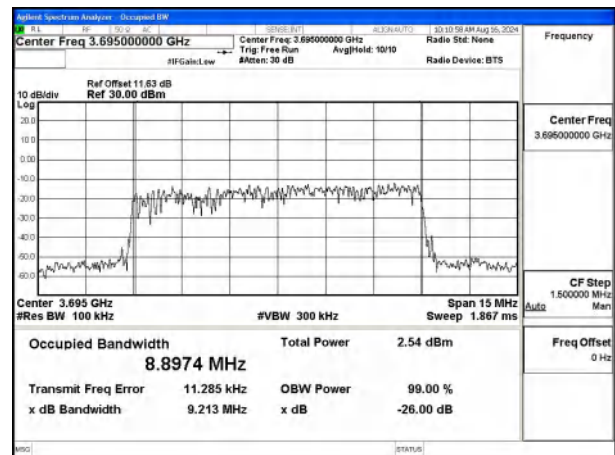


Fig.18

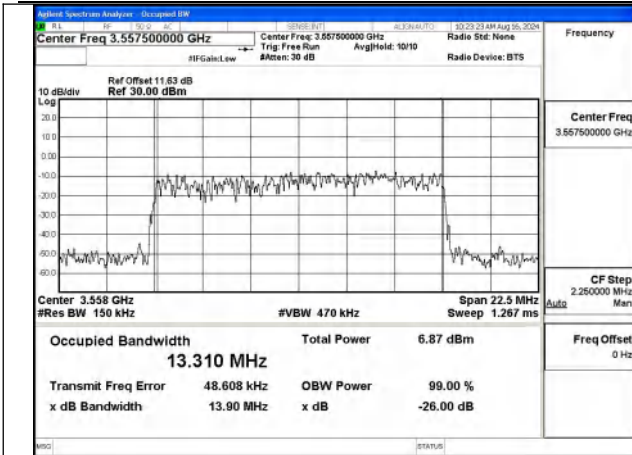


Fig.19

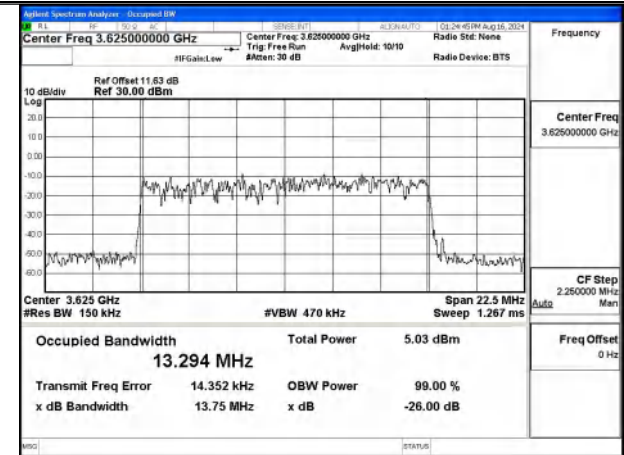


Fig.20

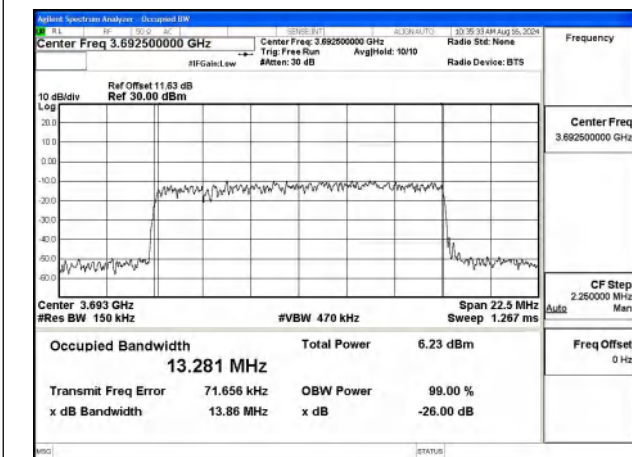


Fig.21

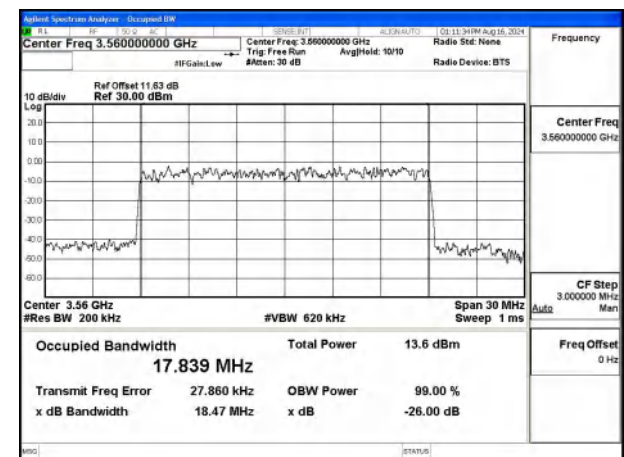


Fig.22

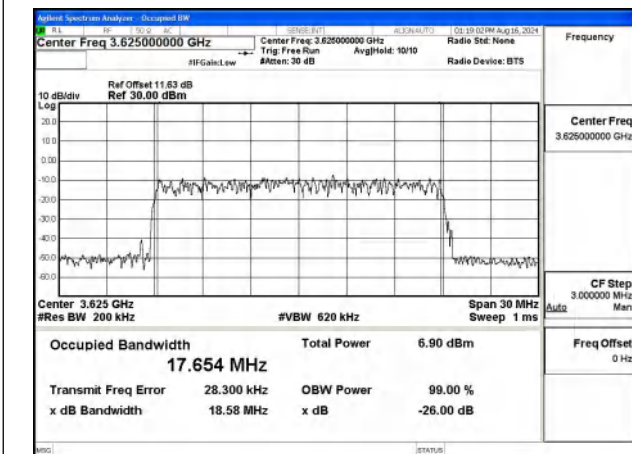


Fig.23

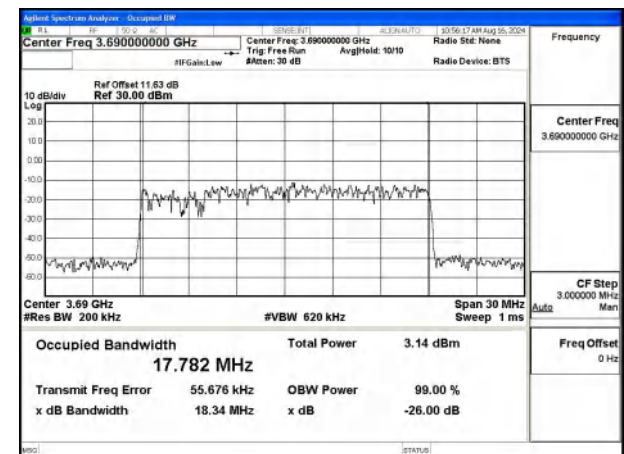


Fig.24

Test Mode: 64QAM

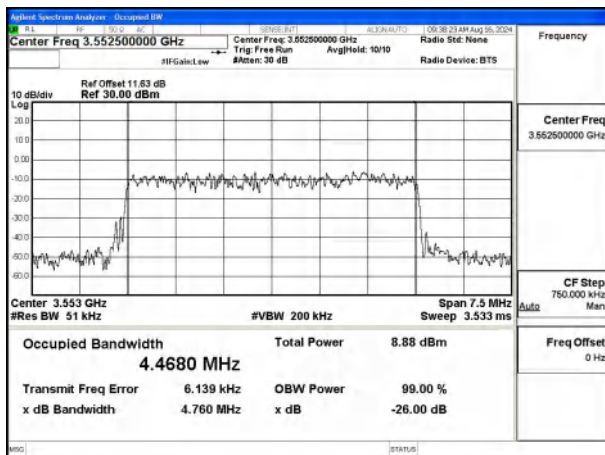


Fig.25

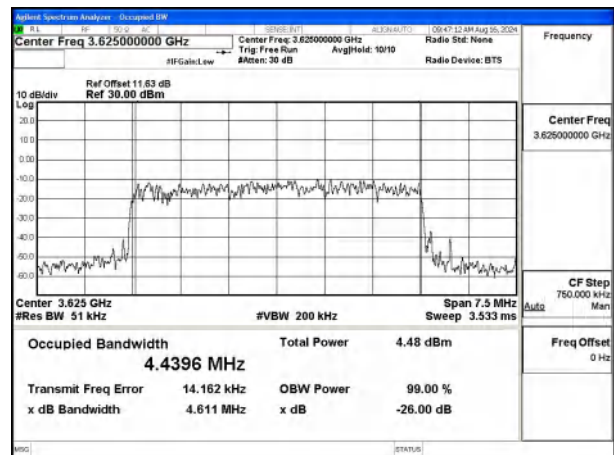


Fig.26

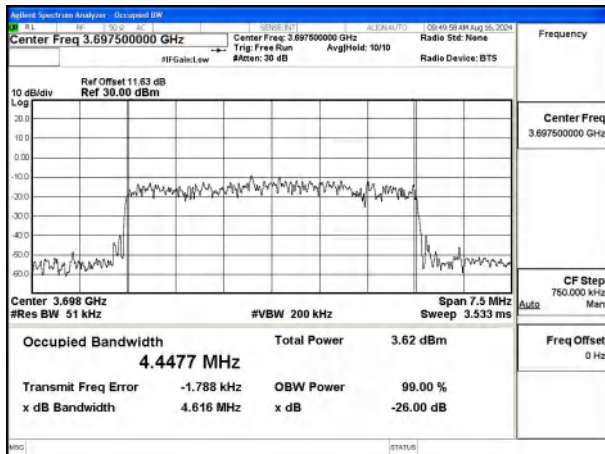


Fig.27

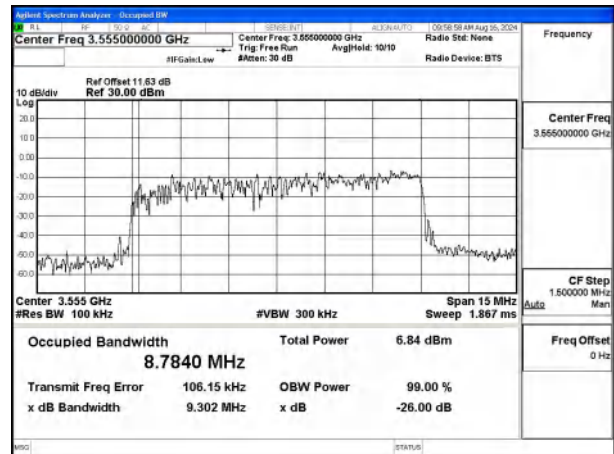


Fig.28

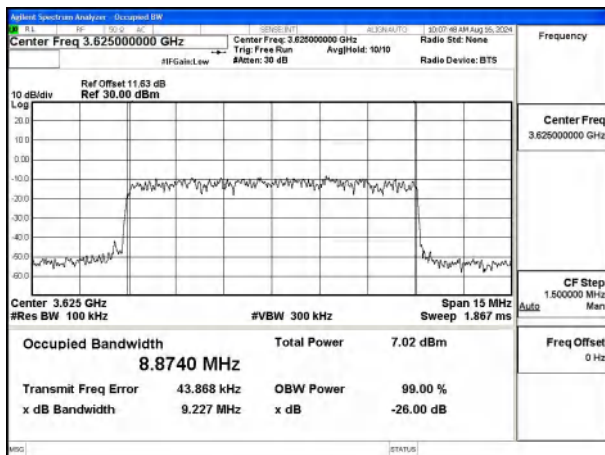


Fig.29

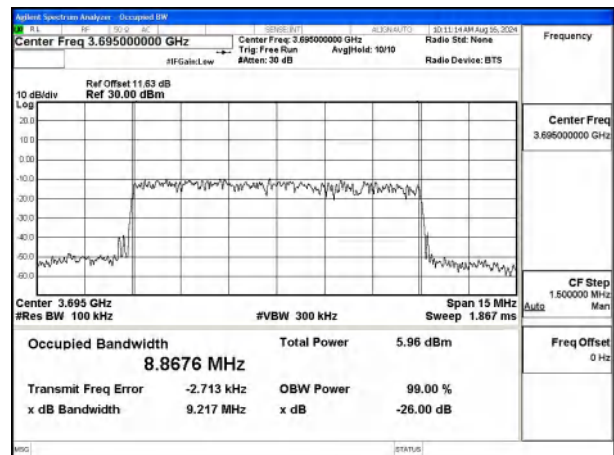


Fig.30

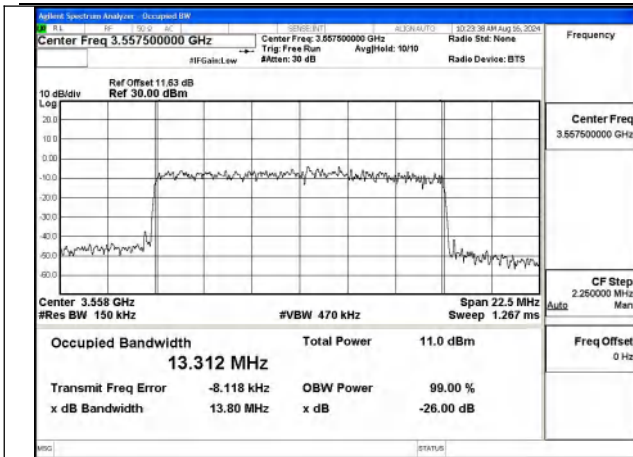


Fig.31

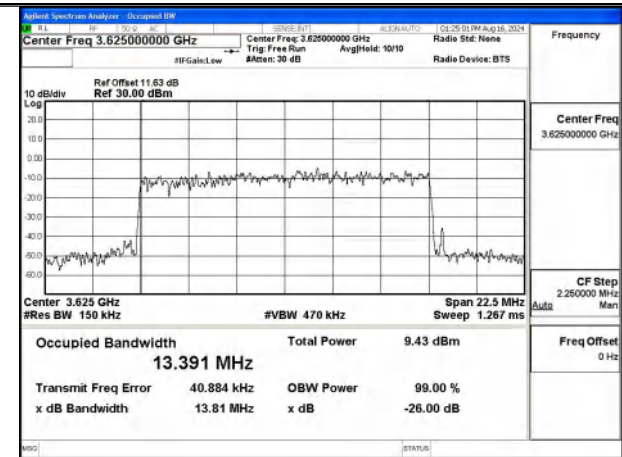


Fig.32

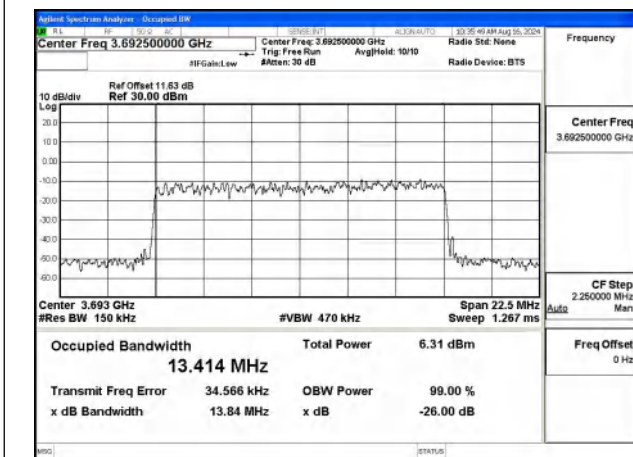


Fig.33

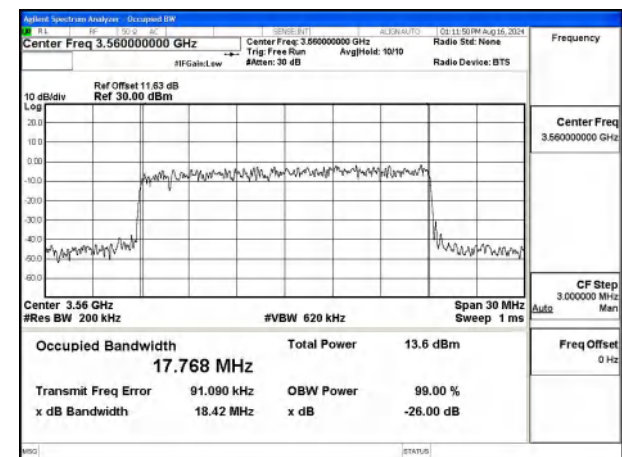


Fig.34

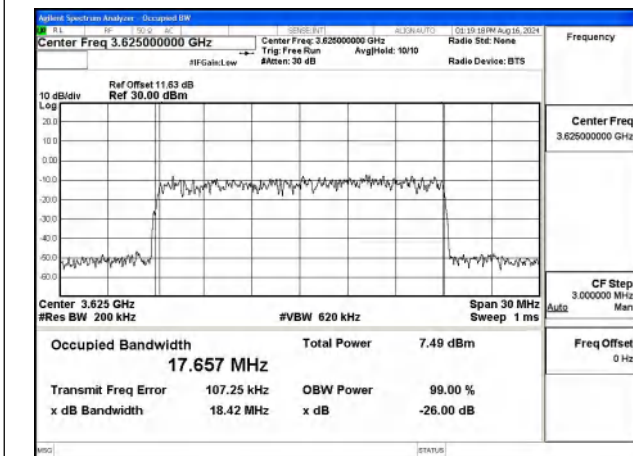


Fig.35

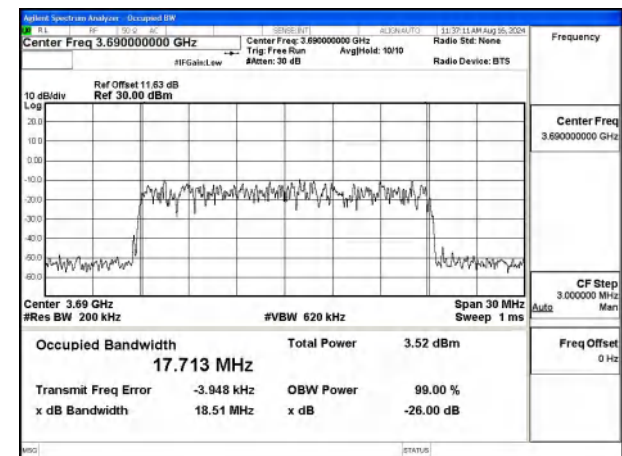


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
48	QPSK	3552.5	55265	5	25	0	4.828	Fig.1
48	QPSK	3625	55990	5	25	0	4.705	Fig.2
48	QPSK	3697.5	56715	5	25	0	4.633	Fig.3
48	QPSK	3555	55290	10	50	0	9.199	Fig.4
48	QPSK	3625	55990	10	50	0	9.232	Fig.5
48	QPSK	3695	56690	10	50	0	9.285	Fig.6
48	QPSK	3557.5	55315	15	75	0	14.021	Fig.7
48	QPSK	3625	55990	15	75	0	13.831	Fig.8
48	QPSK	3692.5	56665	15	75	0	14.026	Fig.9
48	QPSK	3560	55340	20	100	0	18.458	Fig.10
48	QPSK	3625	55990	20	100	0	18.629	Fig.11
48	QPSK	3690	56640	20	100	0	18.531	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
48	16QAM	3552.5	55265	5	25	0	4.712	Fig.13
48	16QAM	3625	55990	5	25	0	4.659	Fig.14
48	16QAM	3697.5	56715	5	25	0	4.647	Fig.15
48	16QAM	3555	55290	10	50	0	9.213	Fig.16
48	16QAM	3625	55990	10	50	0	9.267	Fig.17
48	16QAM	3695	56690	10	50	0	9.213	Fig.18
48	16QAM	3557.5	55315	15	75	0	13.895	Fig.19
48	16QAM	3625	55990	15	75	0	13.751	Fig.20
48	16QAM	3692.5	56665	15	75	0	13.861	Fig.21
48	16QAM	3560	55340	20	100	0	18.471	Fig.22
48	16QAM	3625	55990	20	100	0	18.578	Fig.23
48	16QAM	3690	56640	20	100	0	18.344	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
48	64QAM	3552.5	55265	5	25	0	4.760	Fig.25
48	64QAM	3625	55990	5	25	0	4.611	Fig.26
48	64QAM	3697.5	56715	5	25	0	4.616	Fig.27
48	64QAM	3555	55290	10	50	0	9.302	Fig.28
48	64QAM	3625	55990	10	50	0	9.227	Fig.29
48	64QAM	3695	56690	10	50	0	9.217	Fig.30
48	64QAM	3557.5	55315	15	75	0	13.804	Fig.31
48	64QAM	3625	55990	15	75	0	13.806	Fig.32
48	64QAM	3692.5	56665	15	75	0	13.842	Fig.33
48	64QAM	3560	55340	20	100	0	18.421	Fig.34
48	64QAM	3625	55990	20	100	0	18.421	Fig.35
48	64QAM	3690	56640	20	100	0	18.511	Fig.36

Test Mode: QPSK

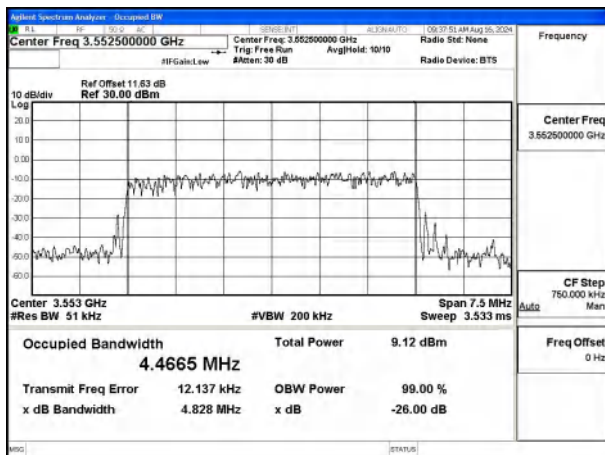


Fig.1

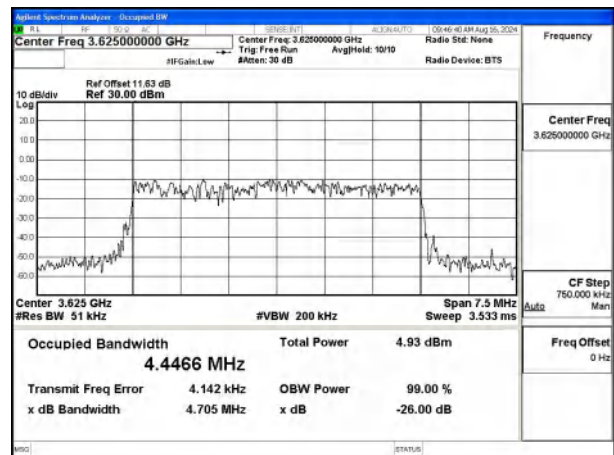


Fig.2

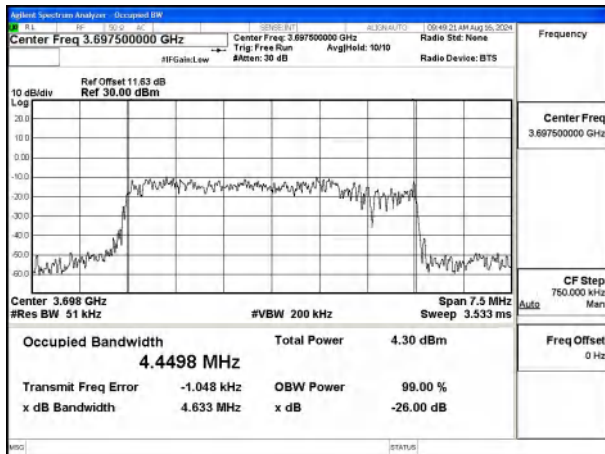


Fig.3

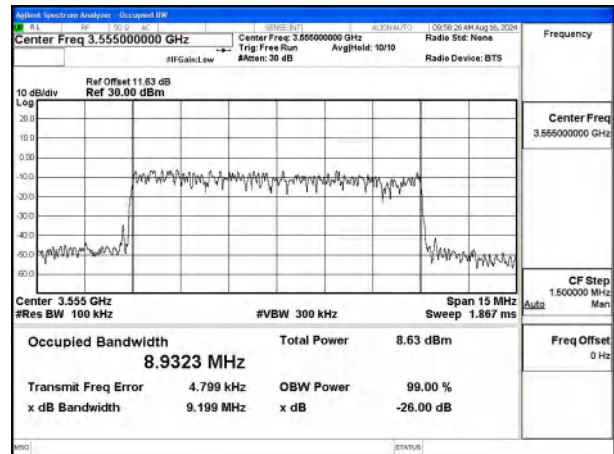


Fig.4

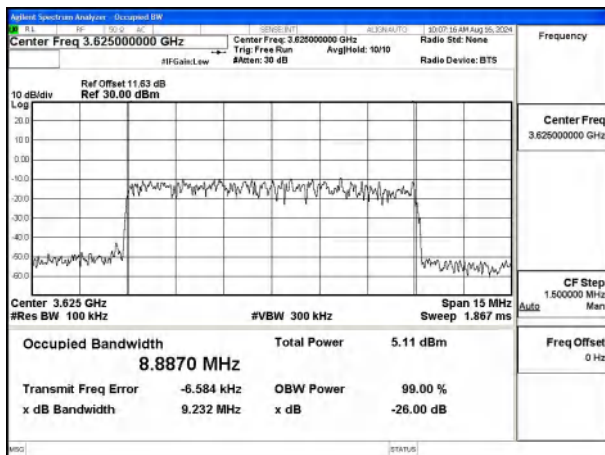


Fig.5

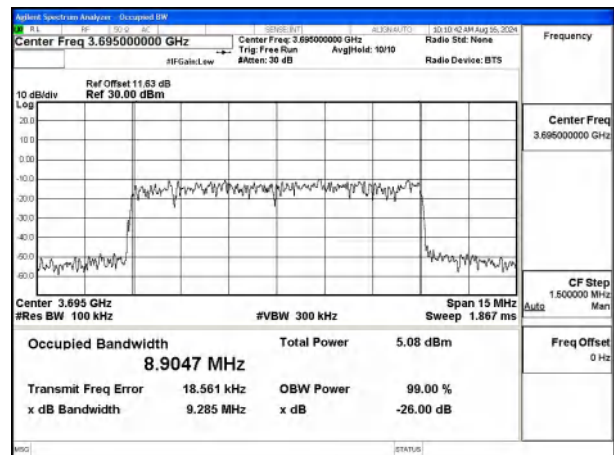


Fig.6

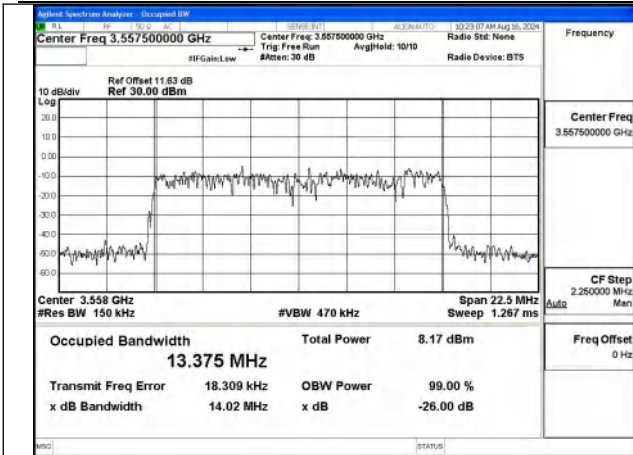


Fig.7

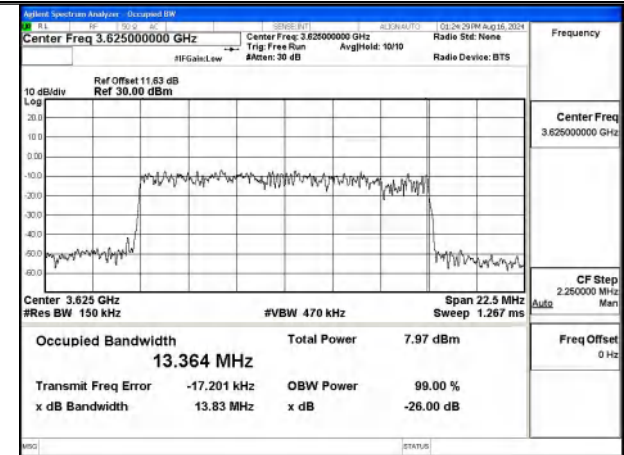


Fig.8

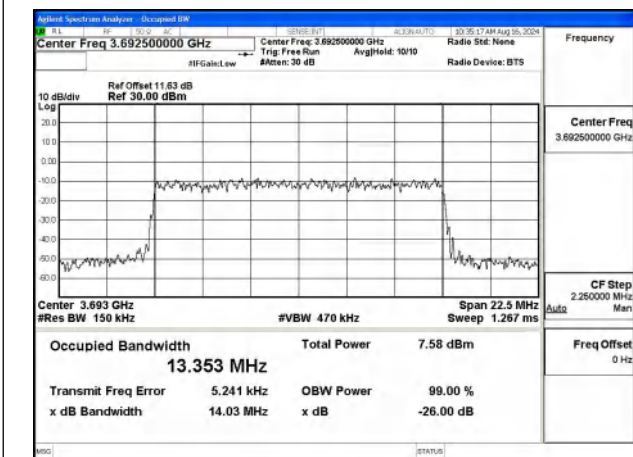


Fig.9

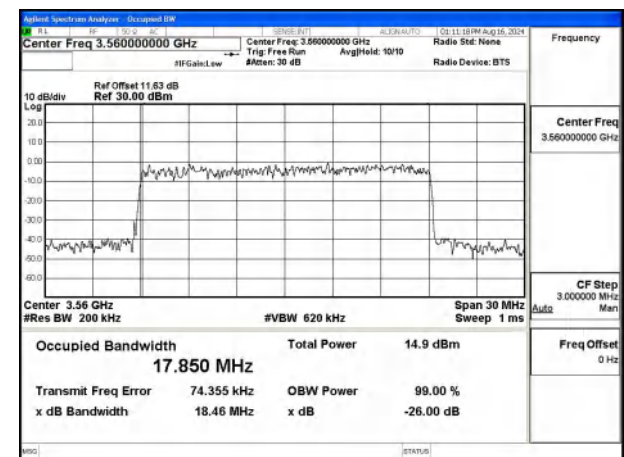


Fig.10

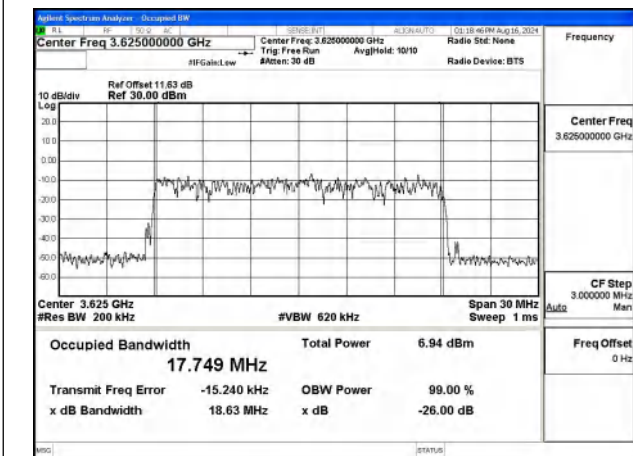


Fig.11

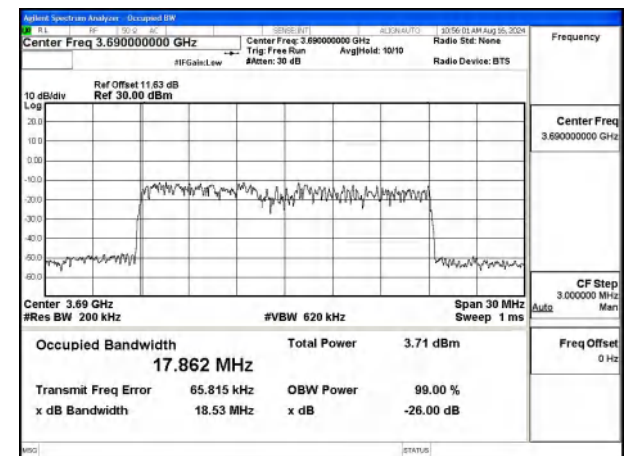


Fig.12

Test Mode: 16QAM

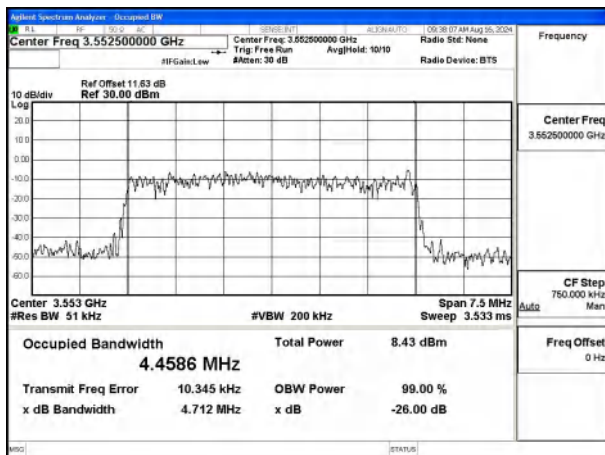


Fig.13

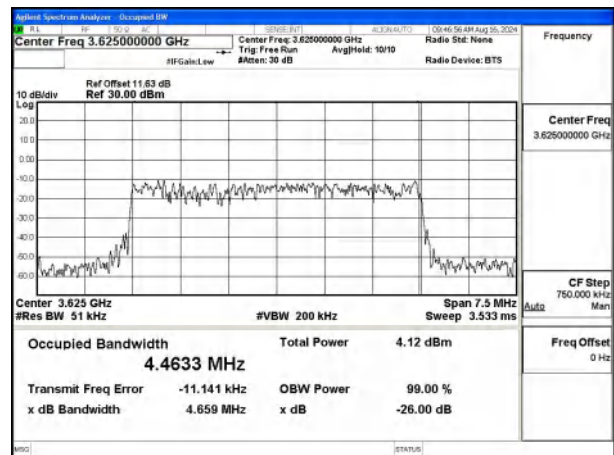


Fig.14

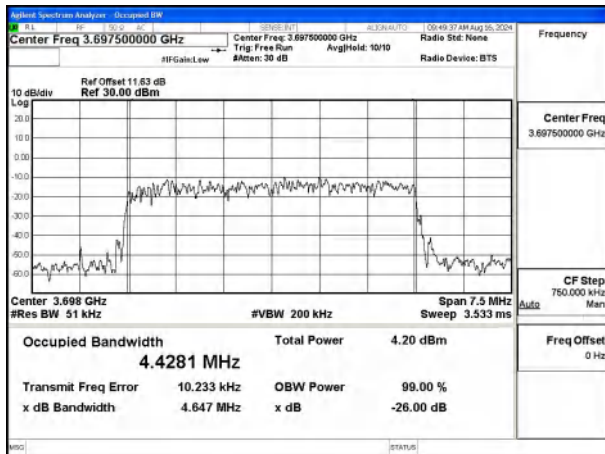


Fig.15

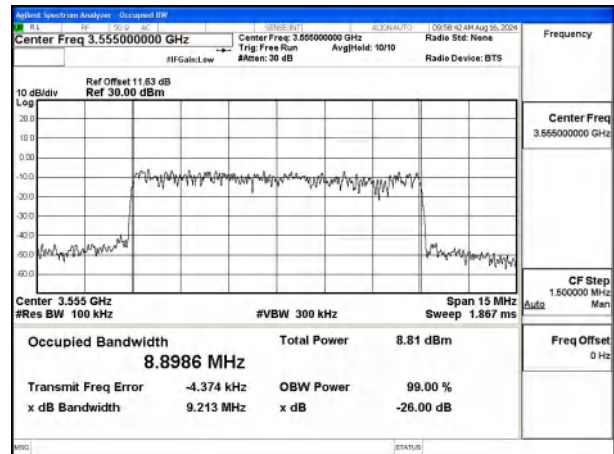


Fig.16

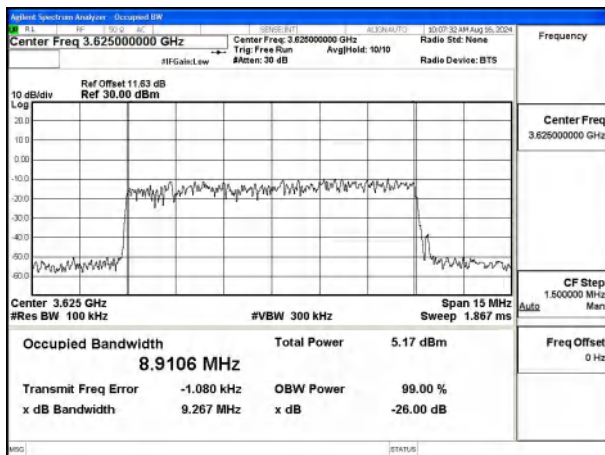


Fig.17

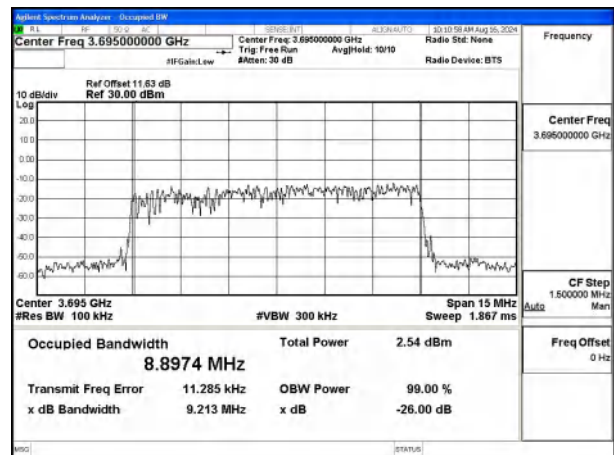


Fig.18

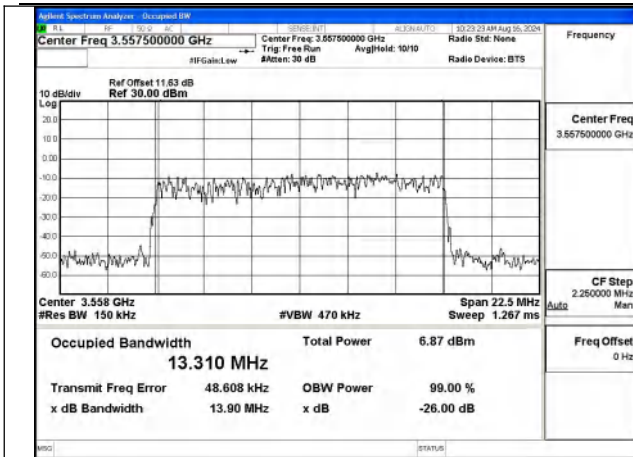


Fig.19

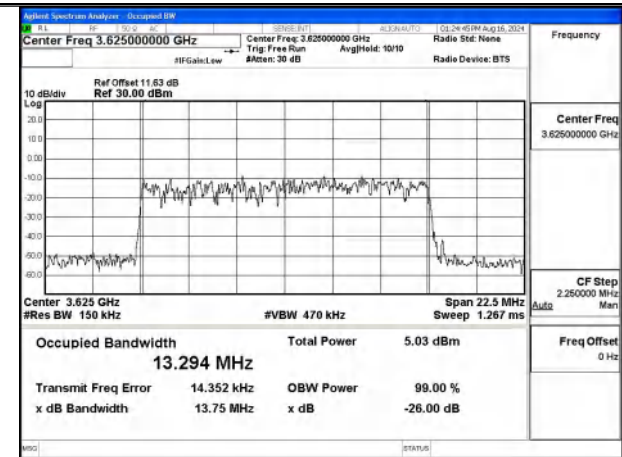


Fig.20

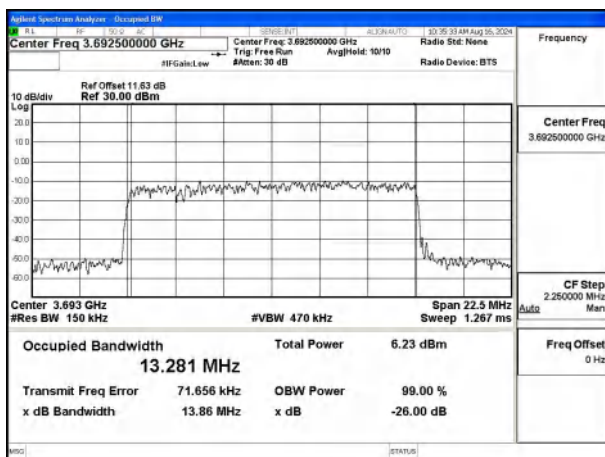


Fig.21

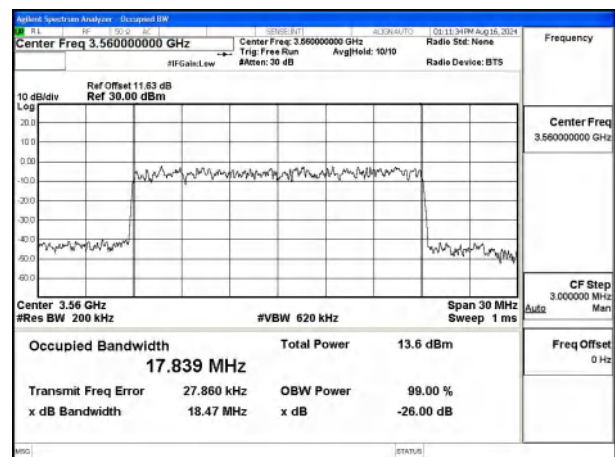


Fig.22

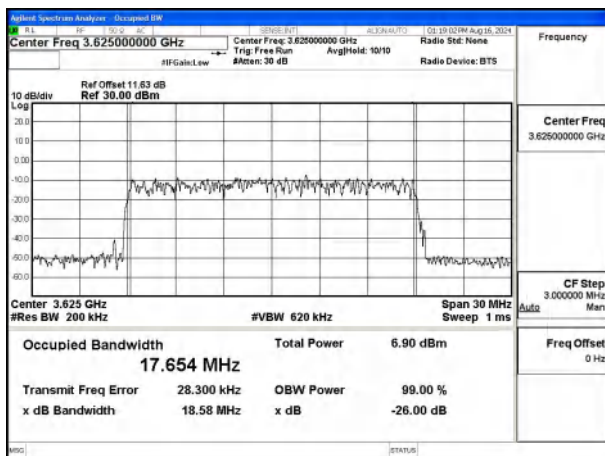


Fig.23

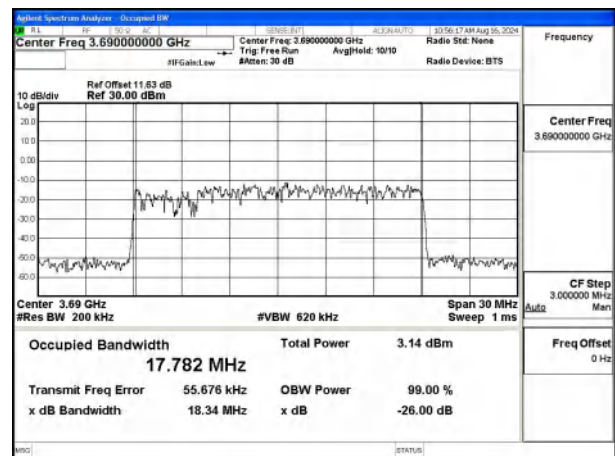


Fig.24

Test Mode: 64QAM

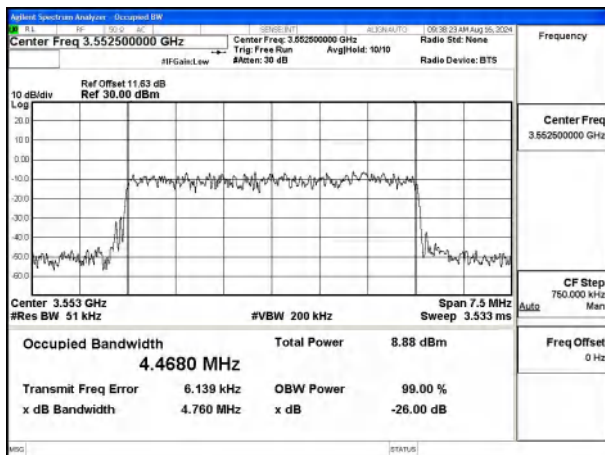


Fig.25

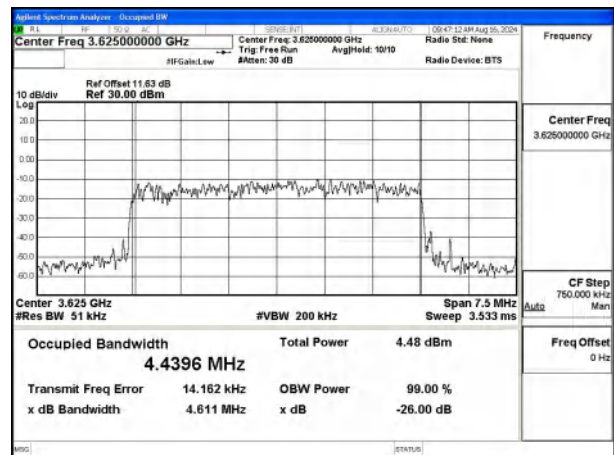


Fig.26

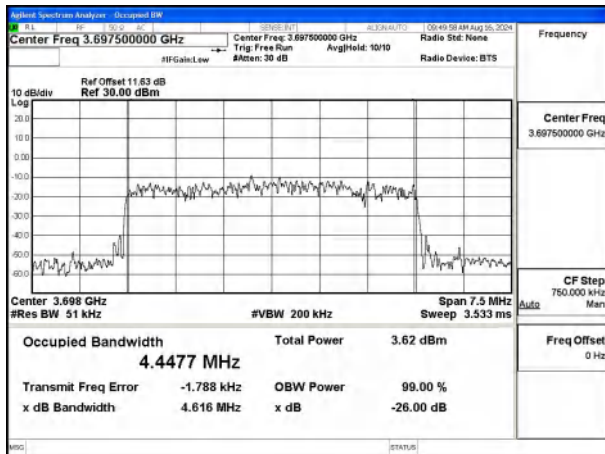


Fig.27

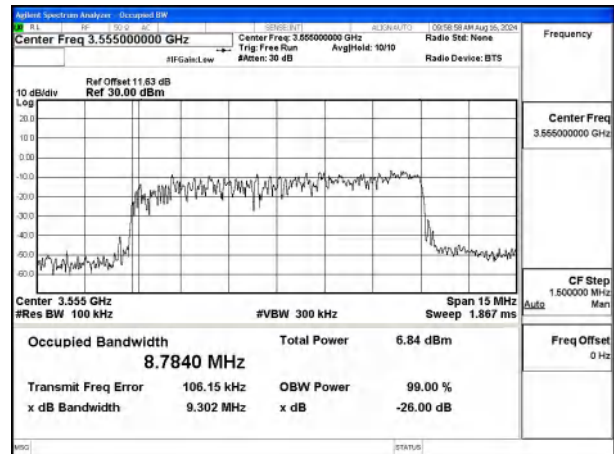


Fig.28

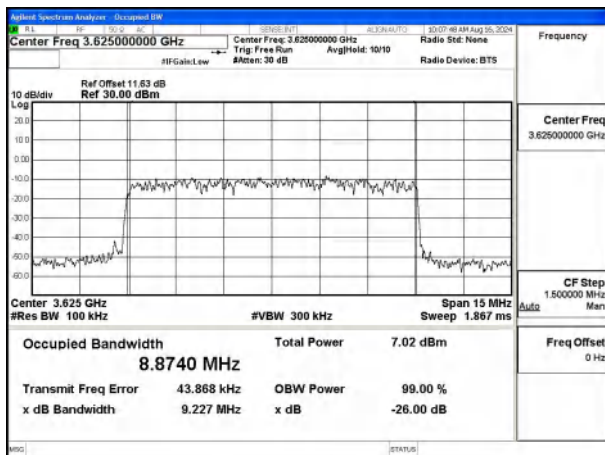


Fig.29

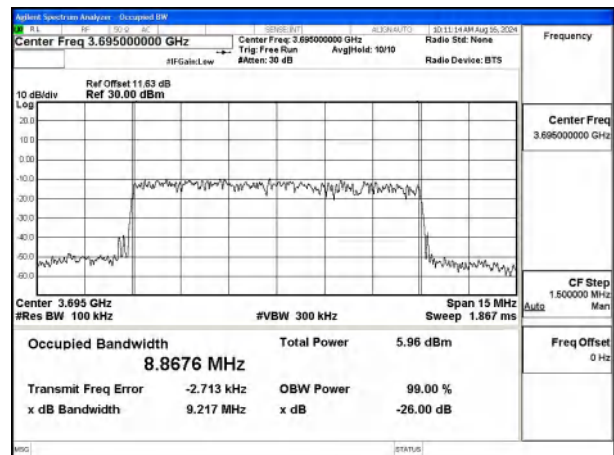


Fig.30

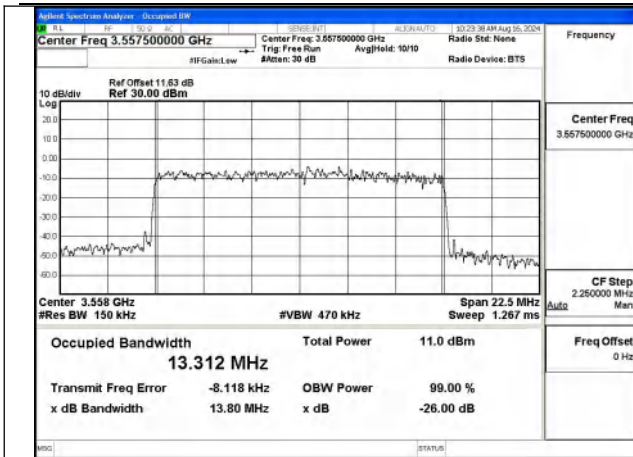


Fig.31

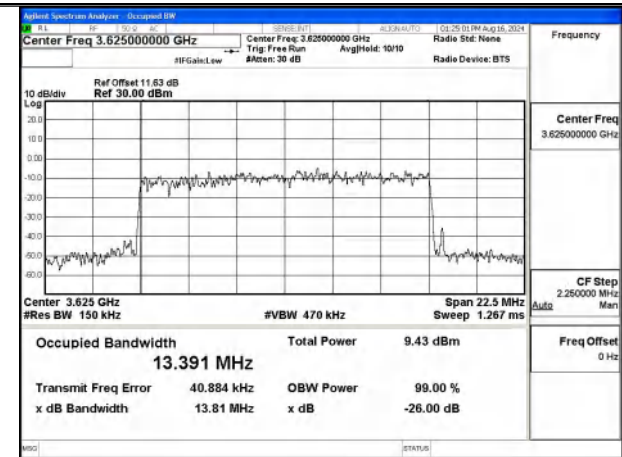


Fig.32

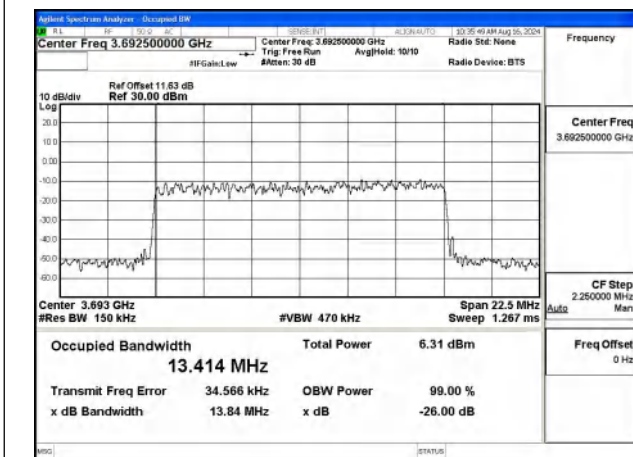


Fig.33

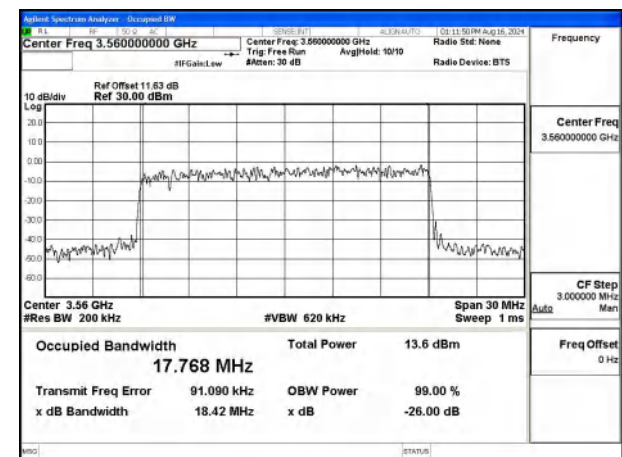


Fig.34

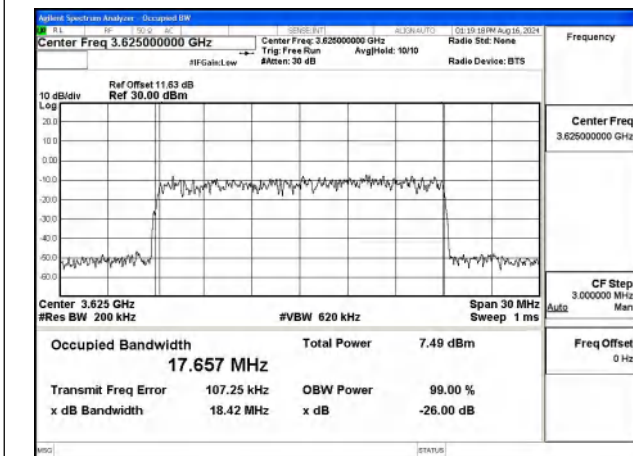


Fig.35

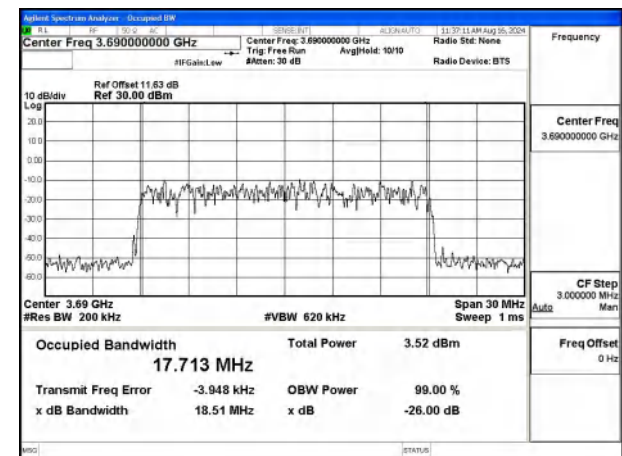


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
48	3552.5	55265	5	1	24	Fig.1	Fig.2	Fig.3
48	3552.5	55265	5	25	0	Fig.4	Fig.5	Fig.6
48	3625	55990	5	1	24	Fig.7	Fig.8	Fig.9
48	3625	55990	5	25	0	Fig.10	Fig.11	Fig.12
48	3697.5	56715	5	1	24	Fig.13	Fig.14	Fig.15
48	3697.5	56715	5	25	0	Fig.16	Fig.17	Fig.18
48	3555	55290	10	1	49	Fig.19	Fig.20	Fig.21
48	3555	55290	10	50	0	Fig.22	Fig.23	Fig.24
48	3625	55990	10	1	49	Fig.25	Fig.26	Fig.27
48	3625	55990	10	50	0	Fig.28	Fig.29	Fig.30
48	3695	56690	10	1	49	Fig.31	Fig.32	Fig.33
48	3695	56690	10	50	0	Fig.34	Fig.35	Fig.36
48	3557.5	55315	15	1	74	Fig.37	Fig.38	Fig.39
48	3557.5	55315	15	75	0	Fig.40	Fig.41	Fig.42
48	3625	55990	15	1	74	Fig.43	Fig.44	Fig.45
48	3625	55990	15	75	0	Fig.46	Fig.47	Fig.48
48	3692.5	56665	15	1	74	Fig.49	Fig.50	Fig.51
48	3692.5	56665	15	75	0	Fig.52	Fig.53	Fig.54
48	3560	55340	20	1	99	Fig.55	Fig.56	Fig.57
48	3560	55340	20	100	0	Fig.58	Fig.59	Fig.60
48	3625	55990	20	1	99	Fig.61	Fig.62	Fig.63
48	3625	55990	20	100	0	Fig.64	Fig.65	Fig.66
48	3690	56640	20	1	99	Fig.67	Fig.68	Fig.69
48	3690	56640	20	100	0	Fig.70	Fig.71	Fig.72

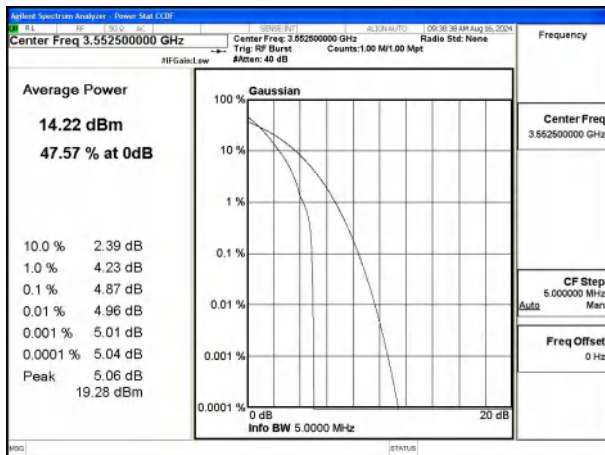


Fig.1

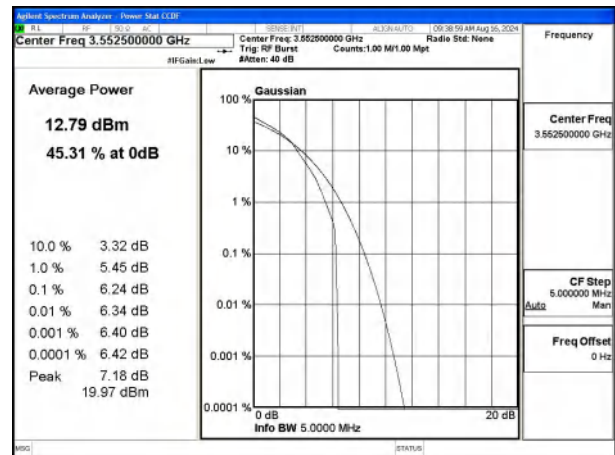


Fig.2

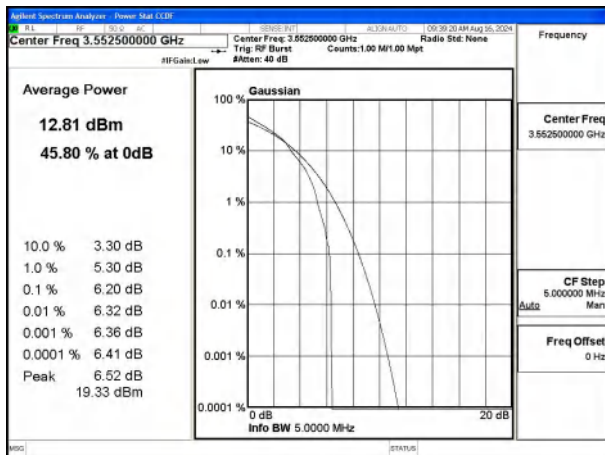


Fig.3

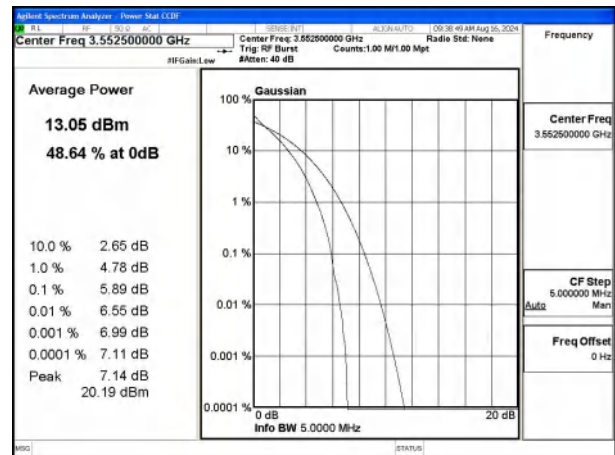


Fig.4

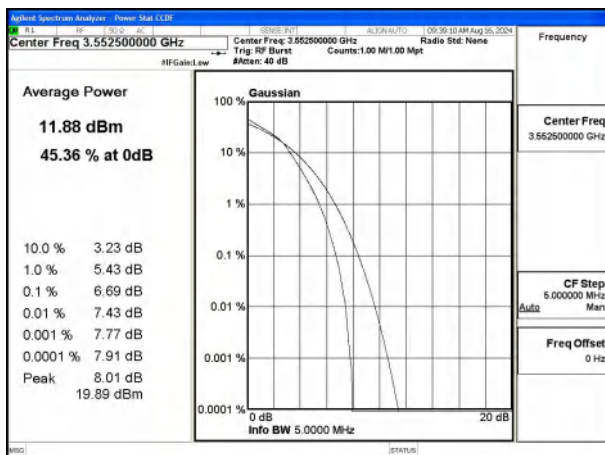


Fig.5

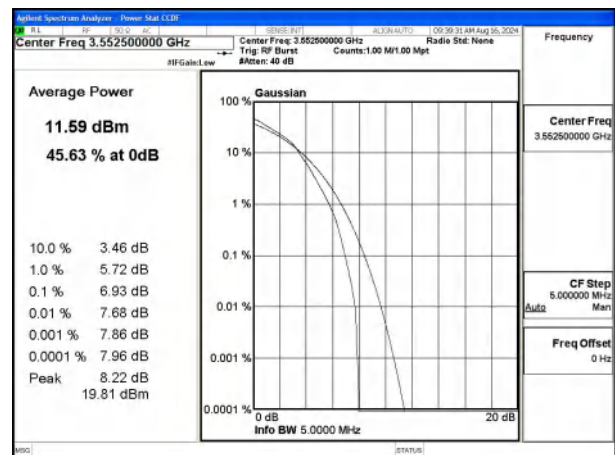


Fig.6

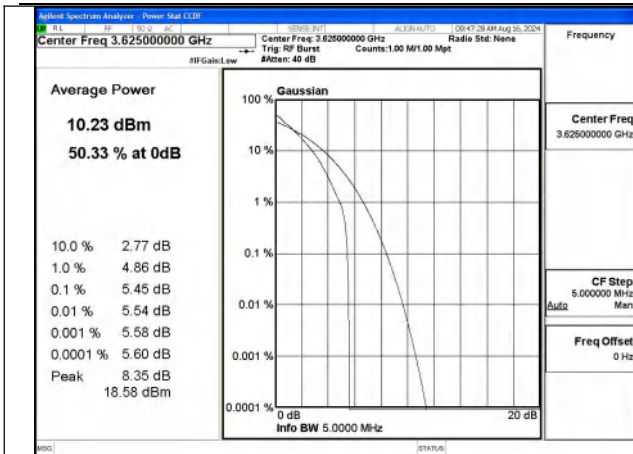


Fig.7

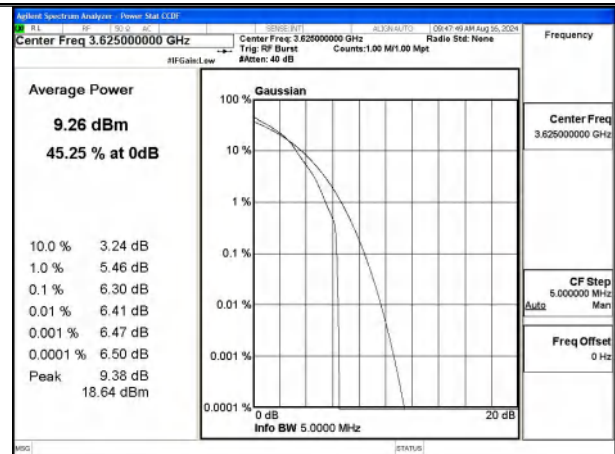


Fig.8

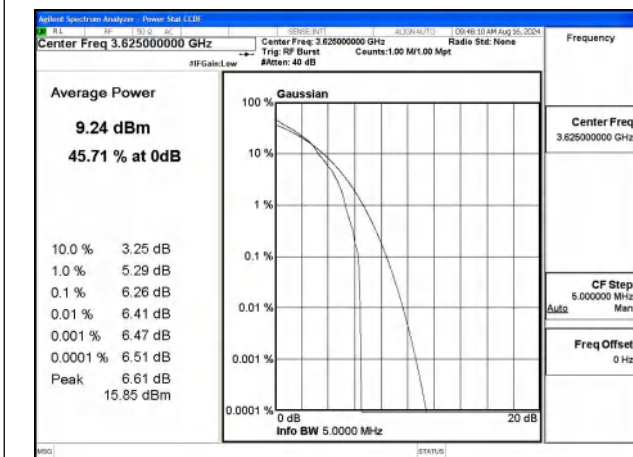


Fig.9

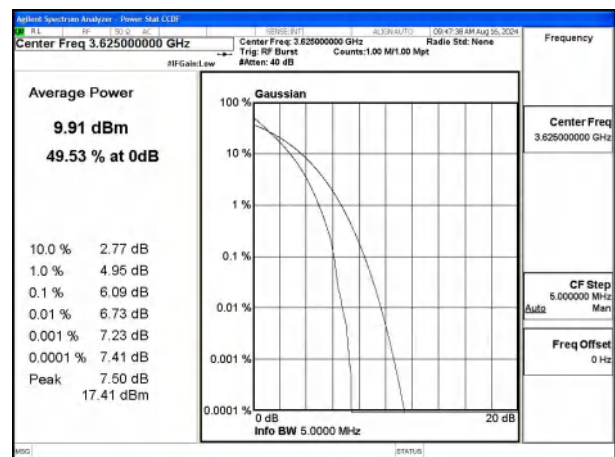


Fig.10

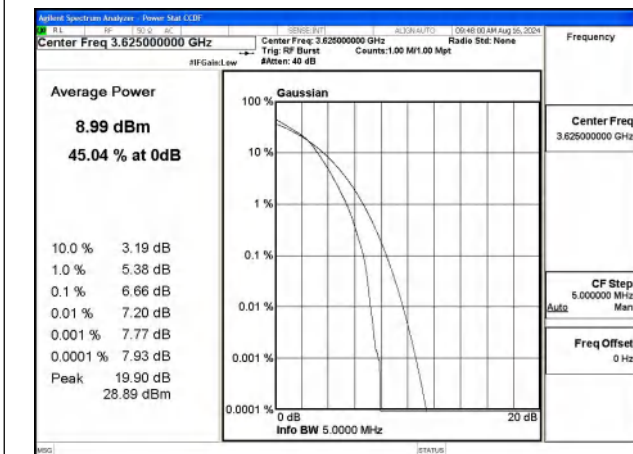


Fig.11

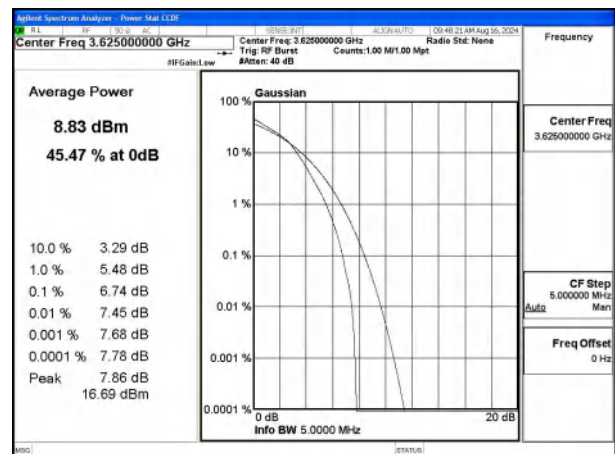


Fig.12

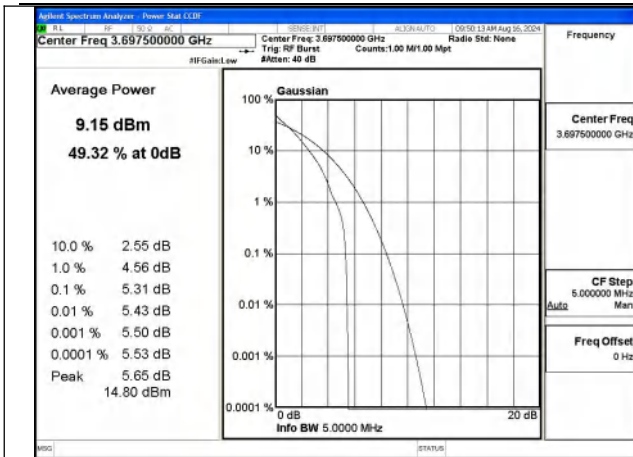


Fig.13

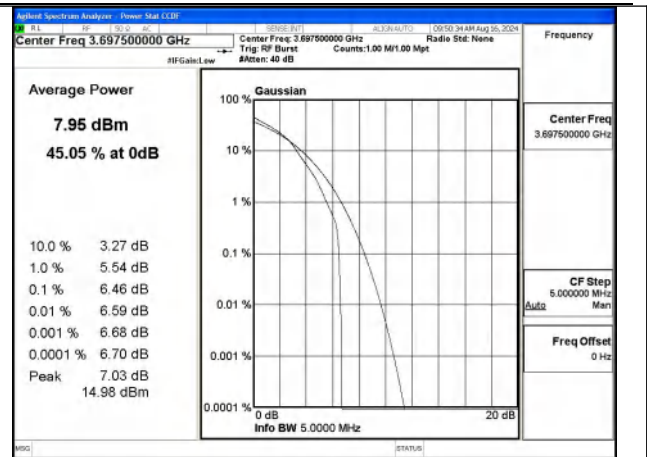


Fig.14

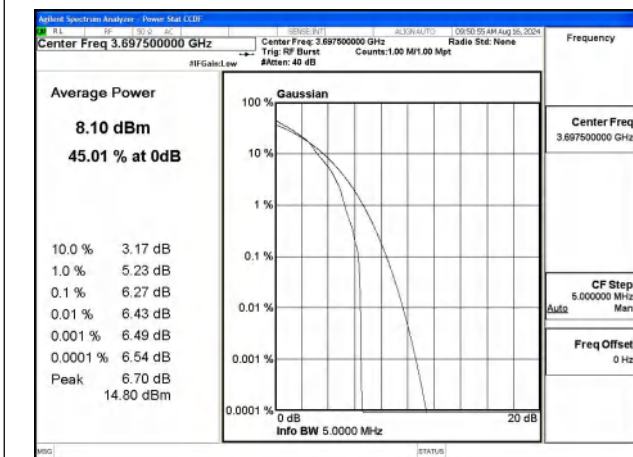


Fig.15

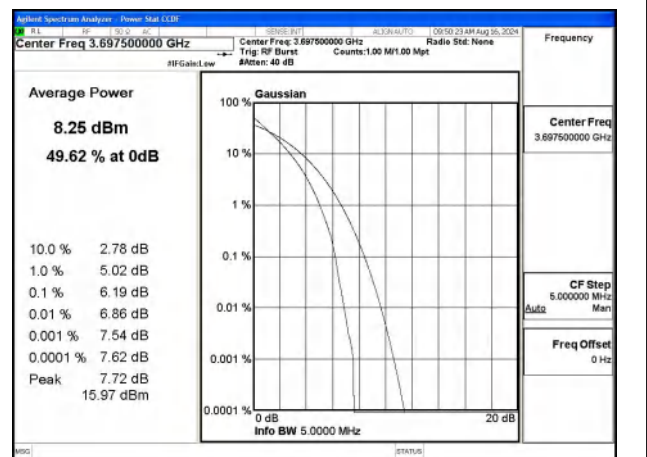


Fig.16

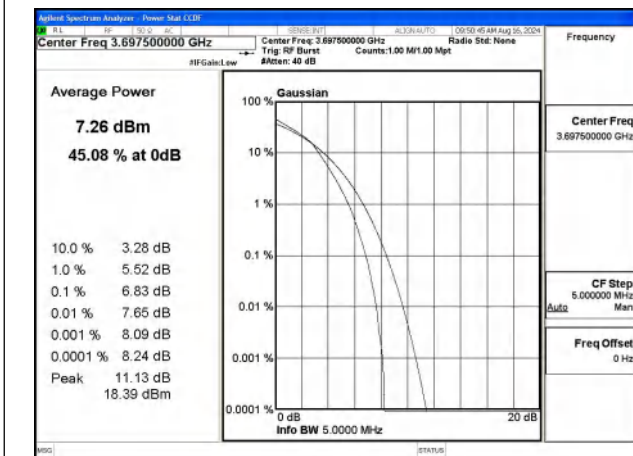


Fig.17

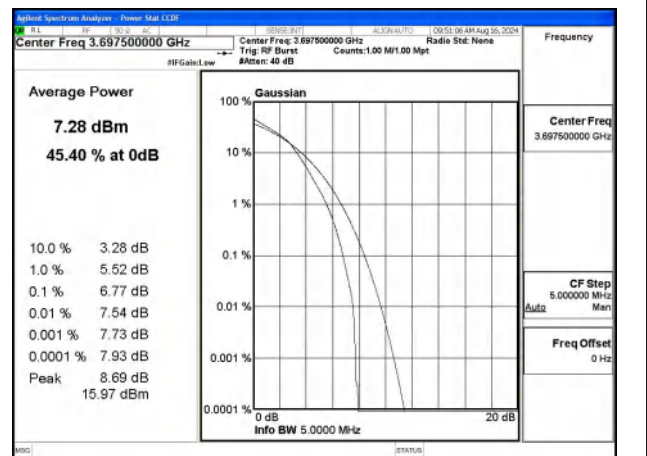


Fig.18

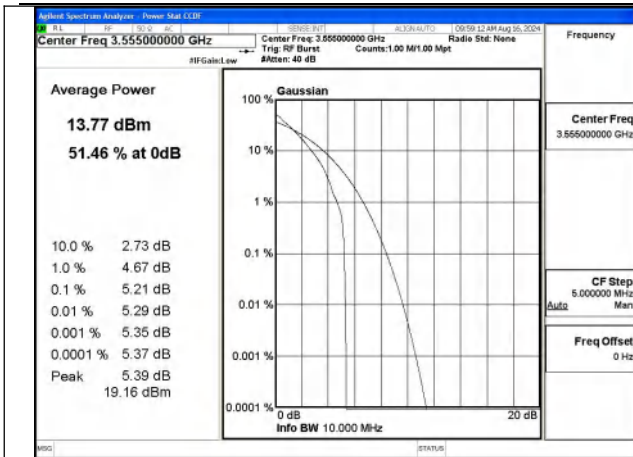


Fig.19

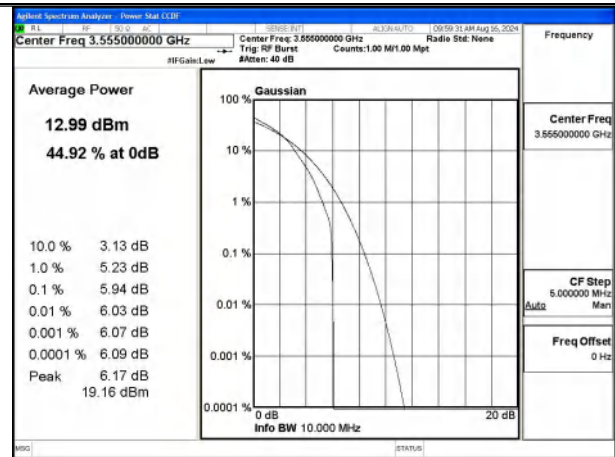


Fig.20

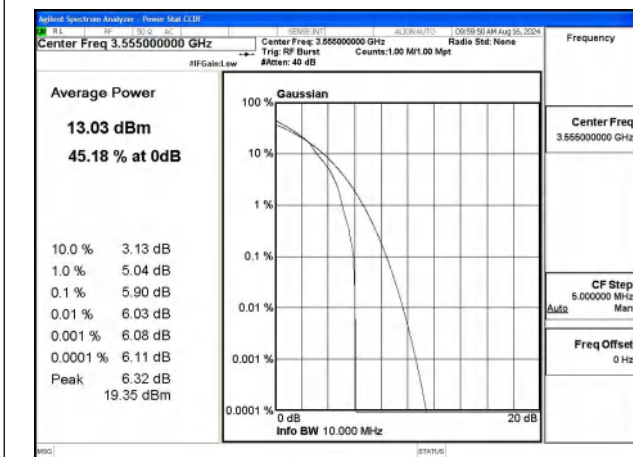


Fig.21

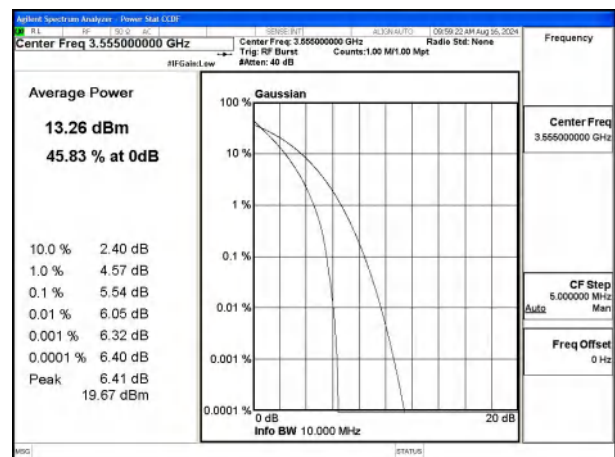


Fig.22

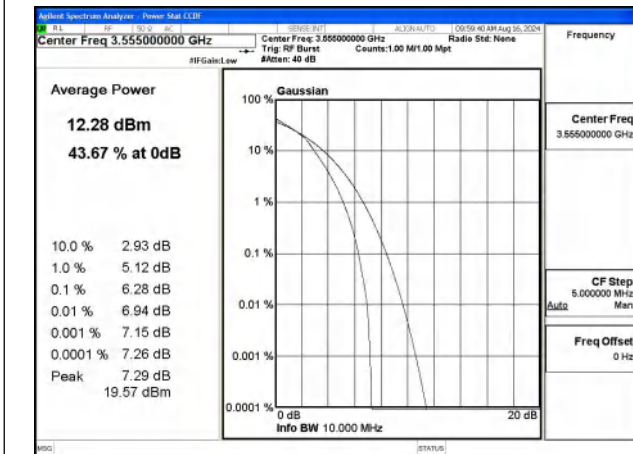


Fig.23

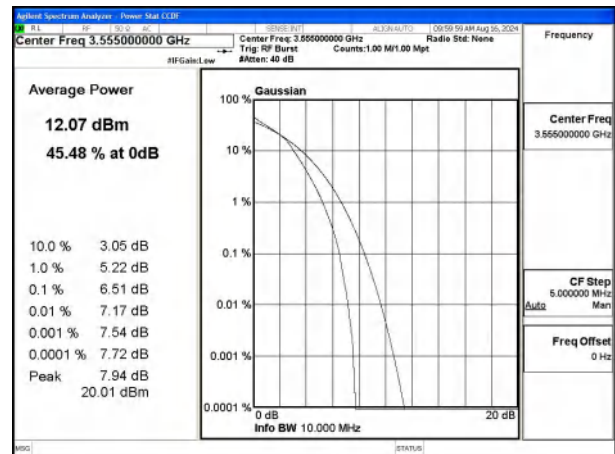


Fig.24

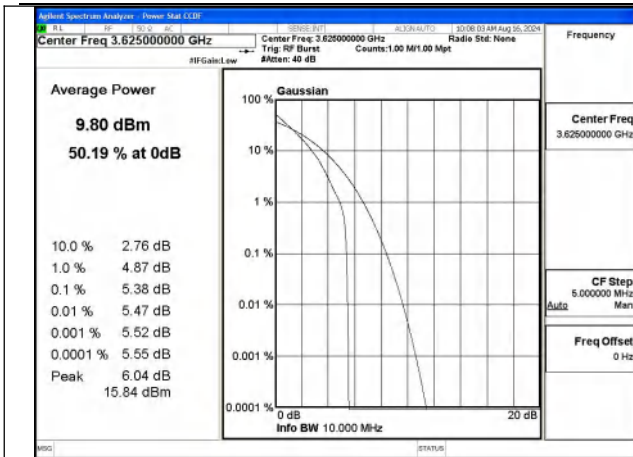


Fig.25

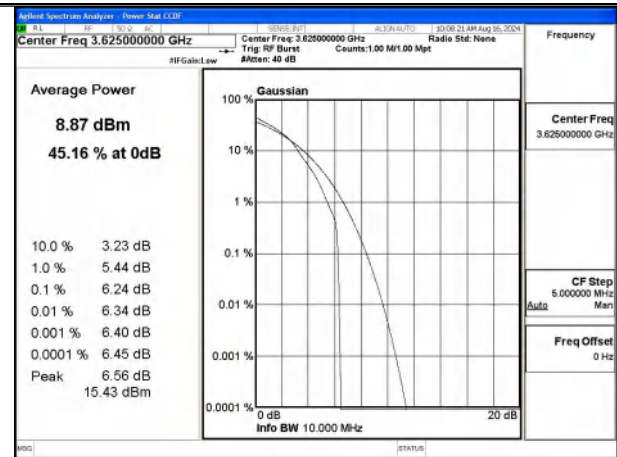


Fig.26

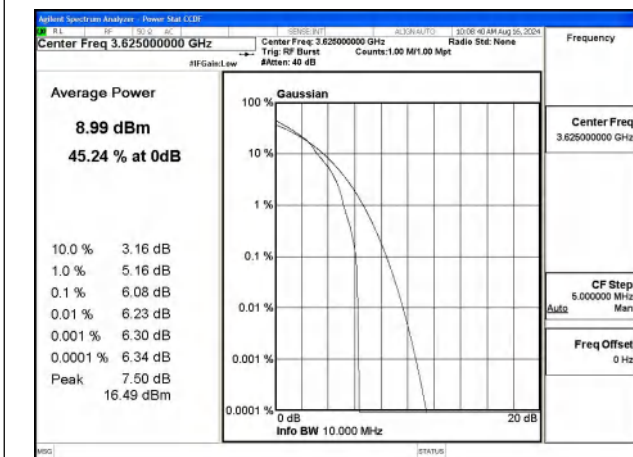


Fig.27

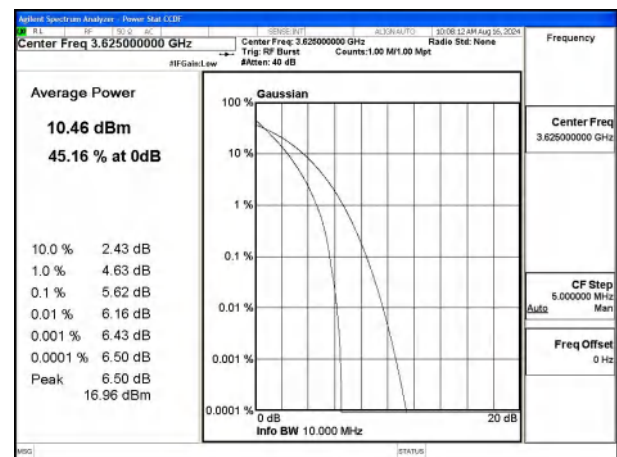


Fig.28

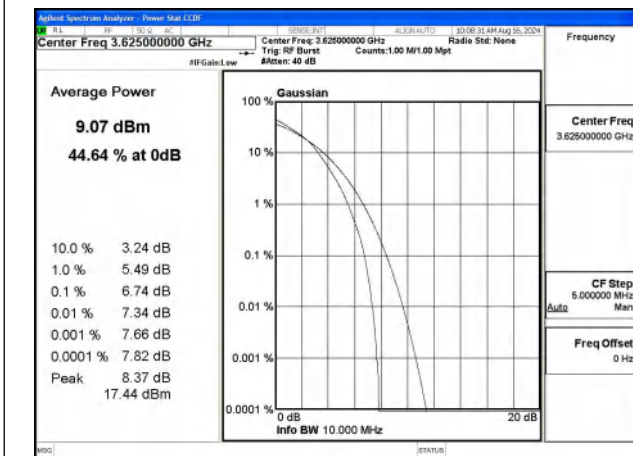


Fig.29

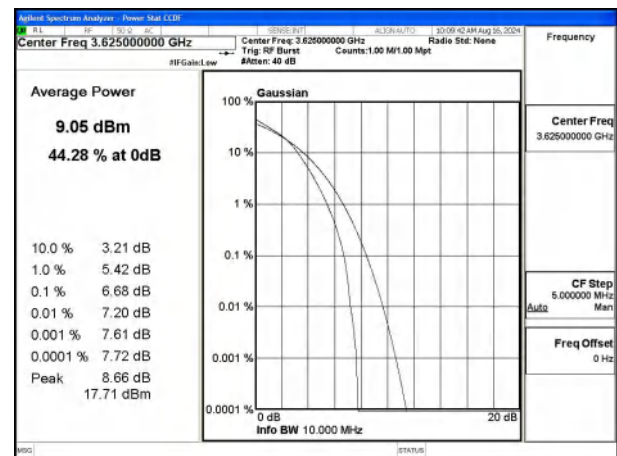


Fig.30

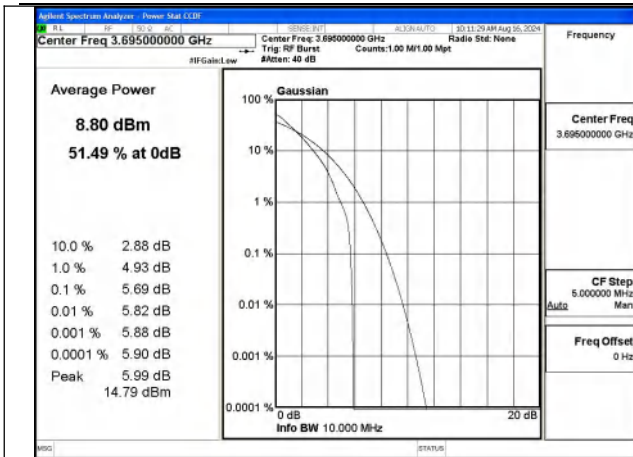


Fig.31

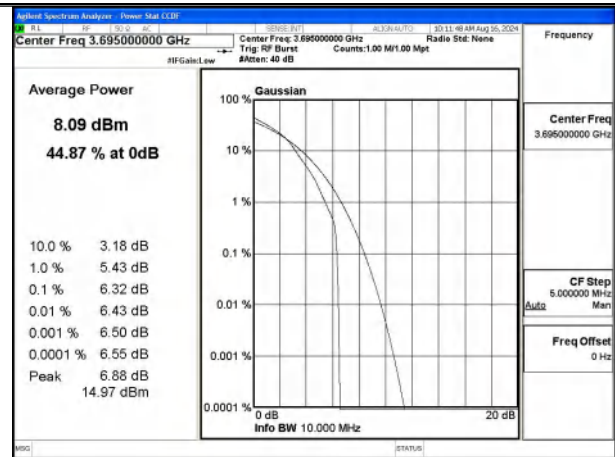


Fig.32

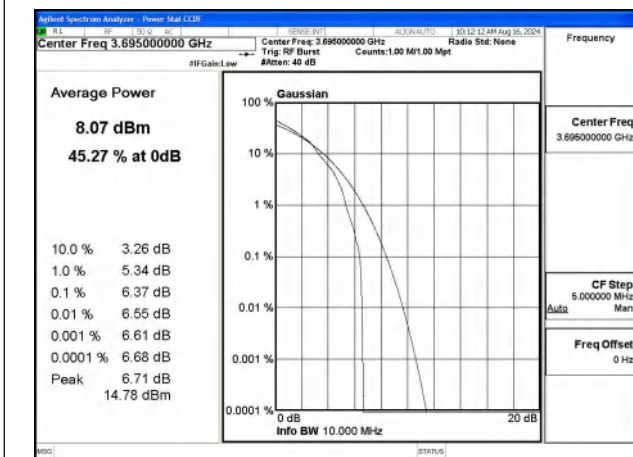


Fig.33

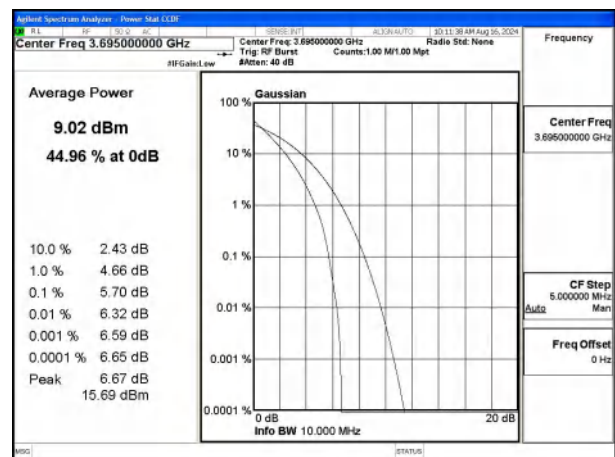


Fig.34

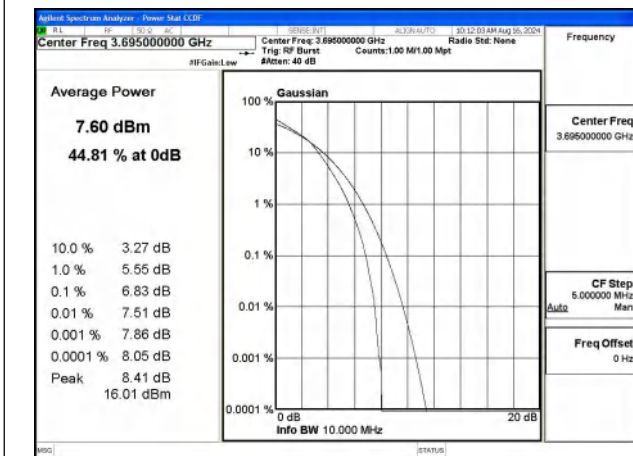


Fig.35

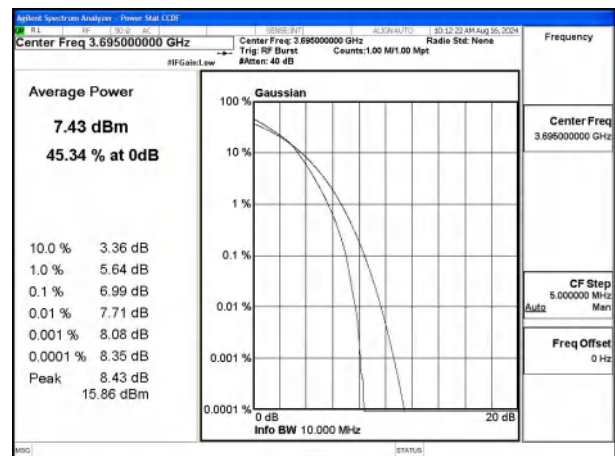


Fig.36

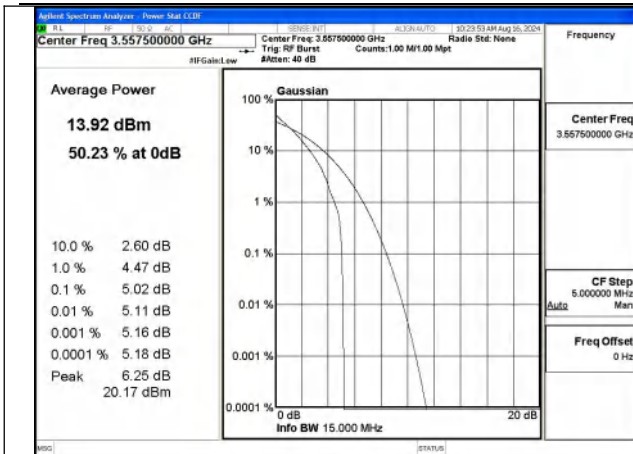


Fig.37

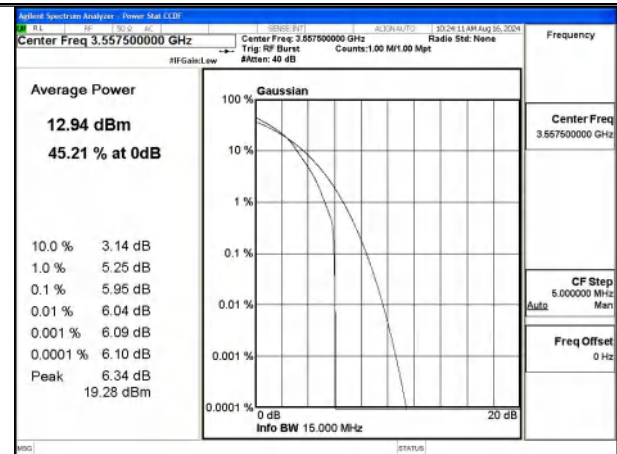


Fig.38

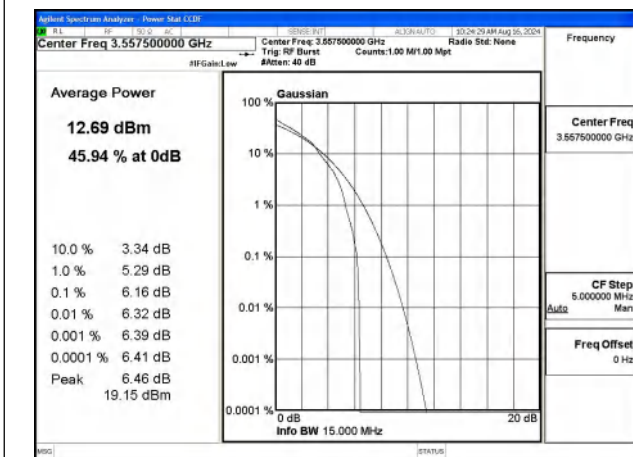


Fig.39

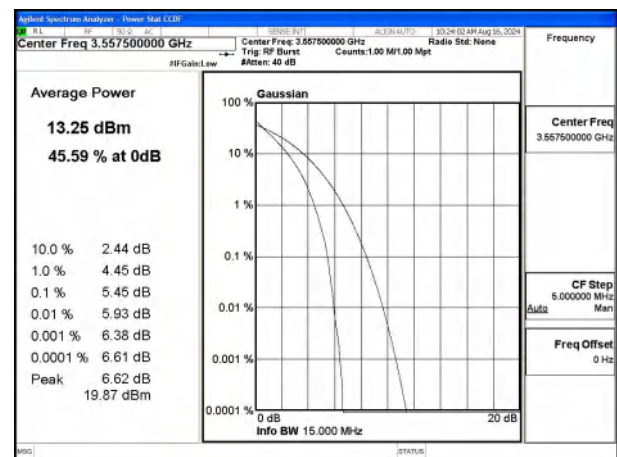


Fig.40

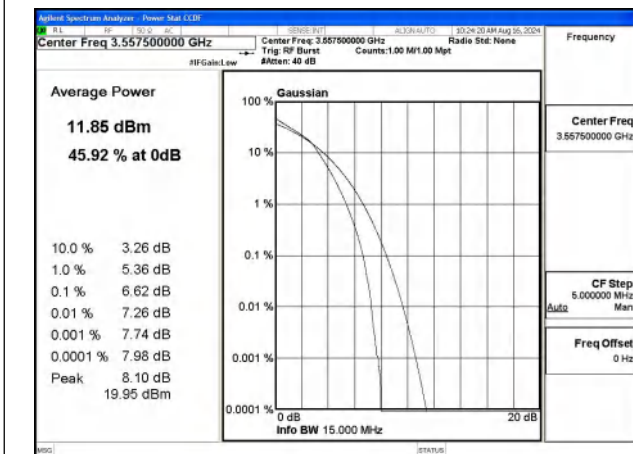


Fig.41

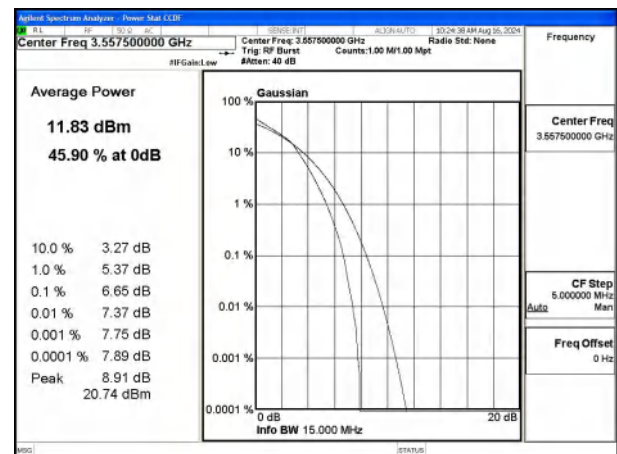


Fig.42

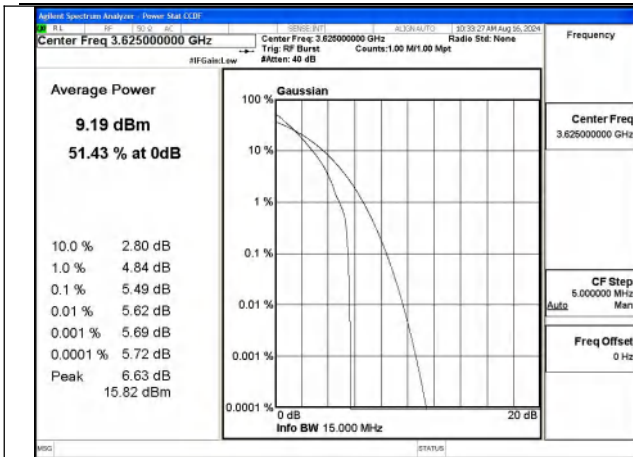


Fig.43

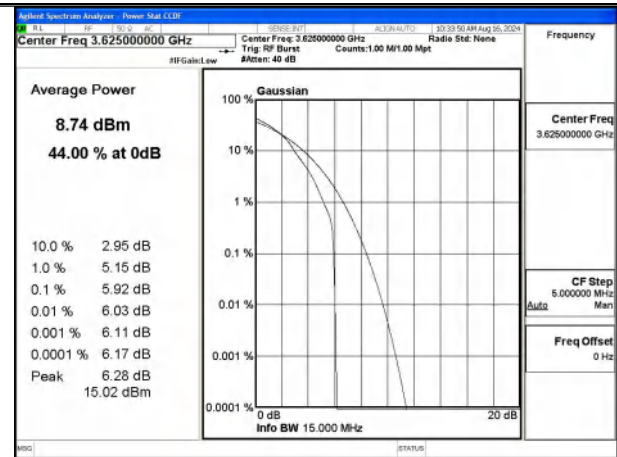


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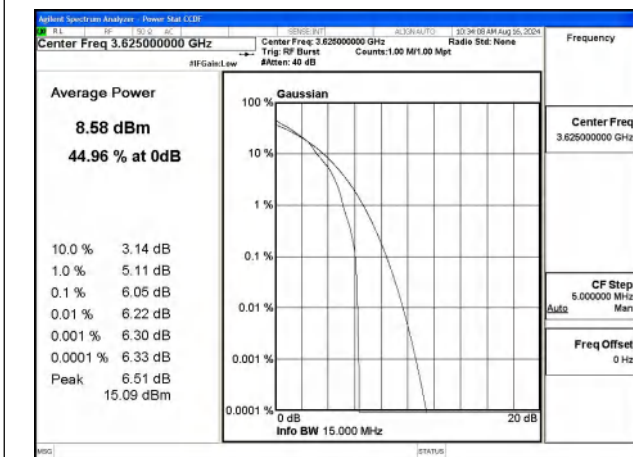


Fig.45

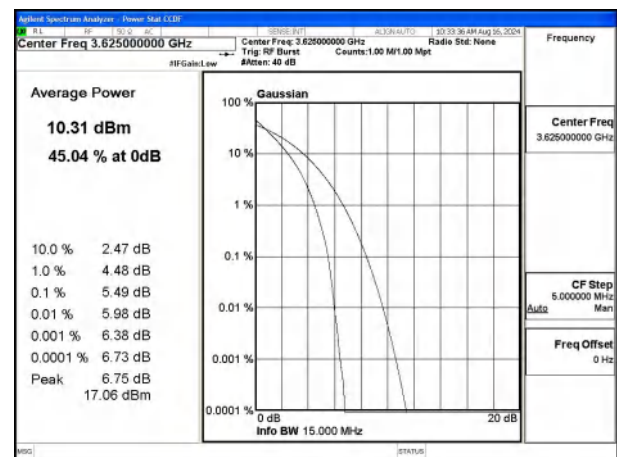


Fig.46

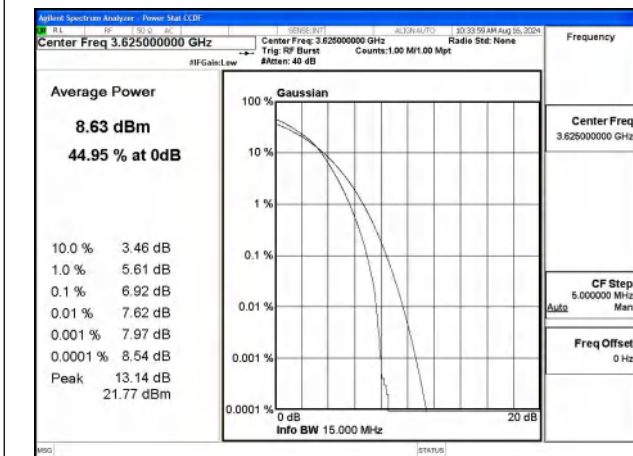


Fig.47

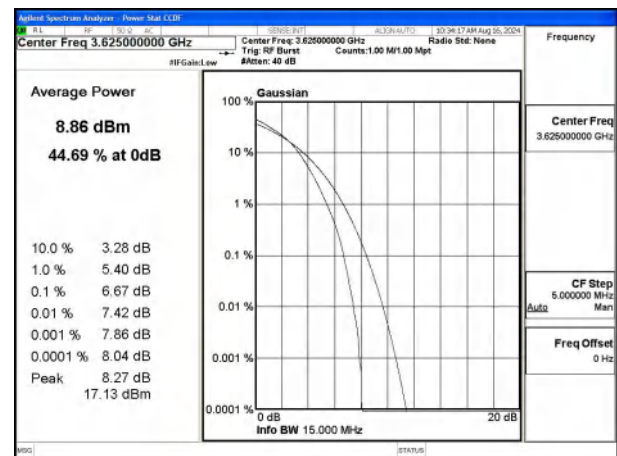


Fig.48

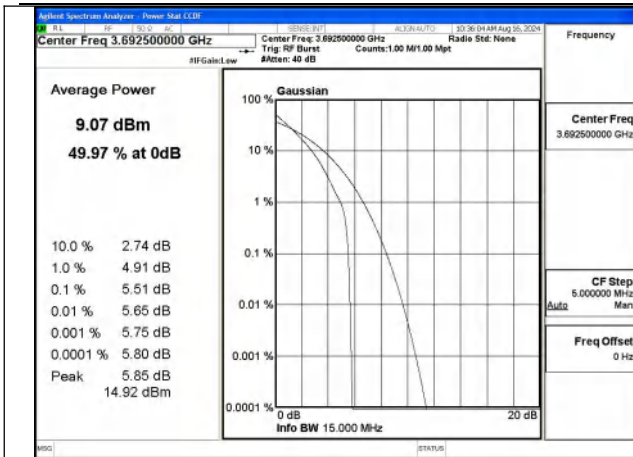


Fig.49

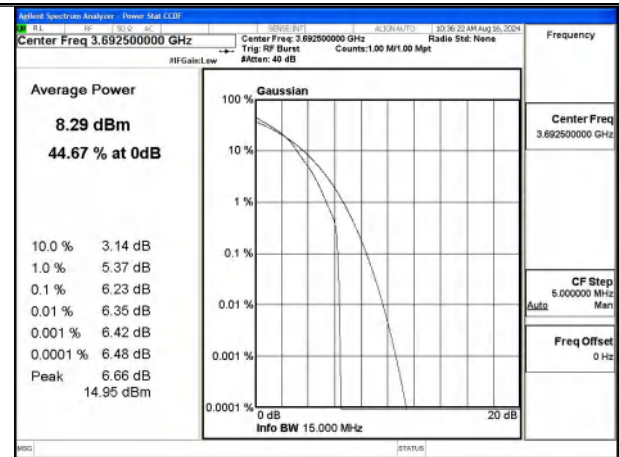


Fig.50

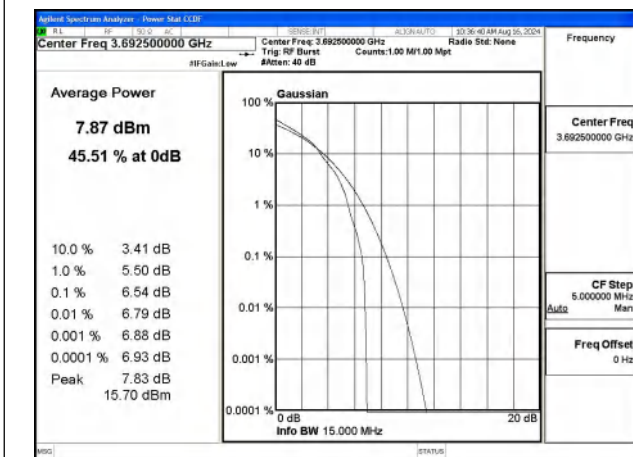


Fig.51

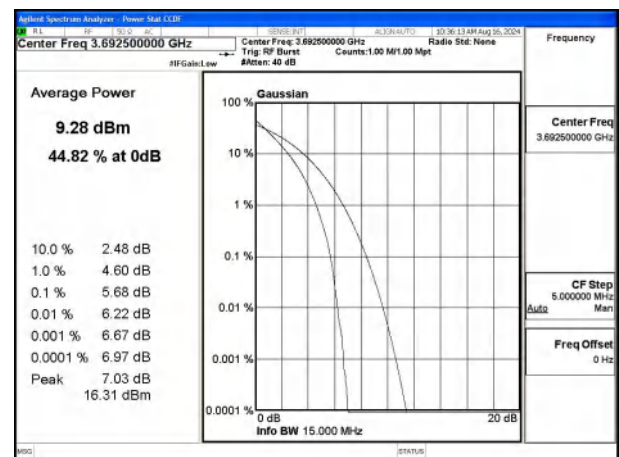


Fig.52

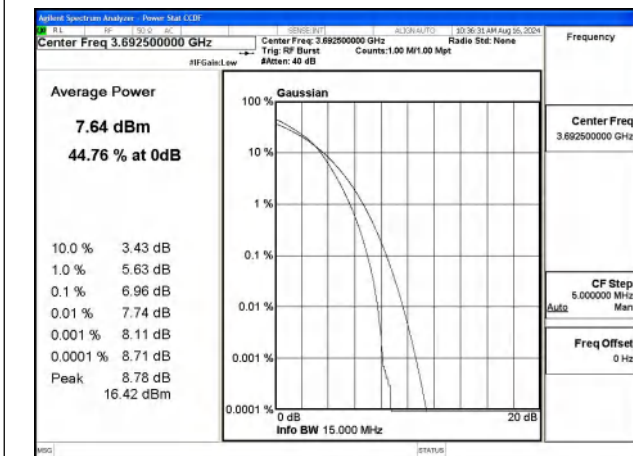


Fig.53

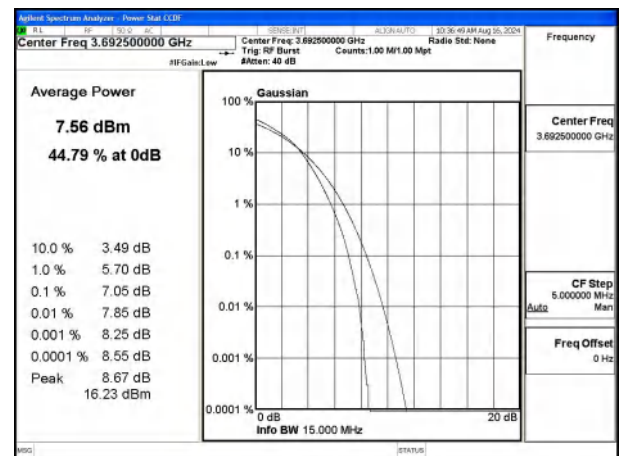


Fig.54

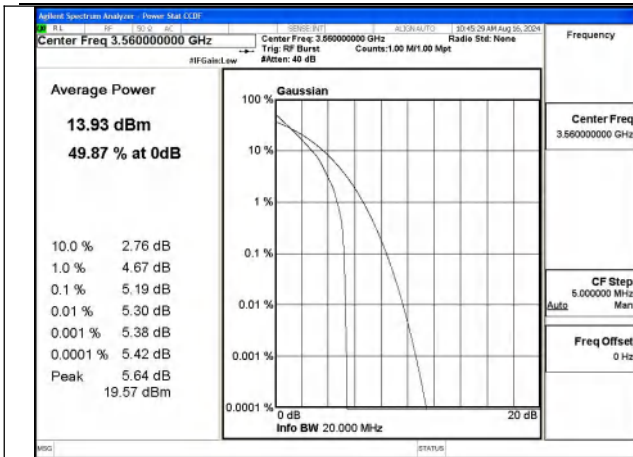


Fig.55

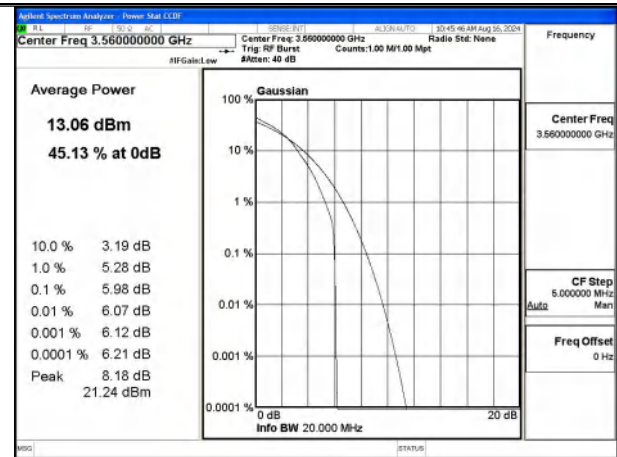


Fig.56

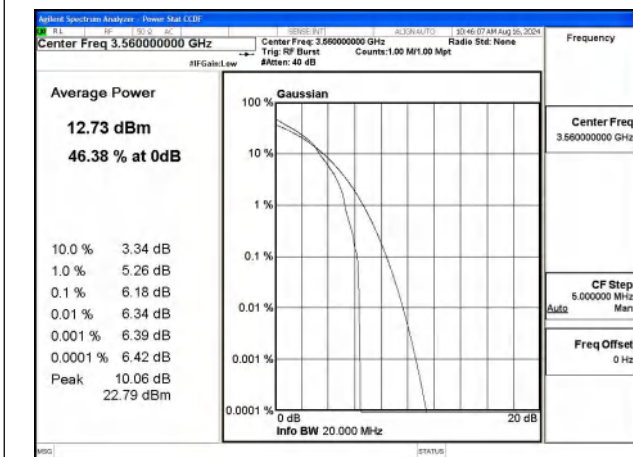


Fig.57

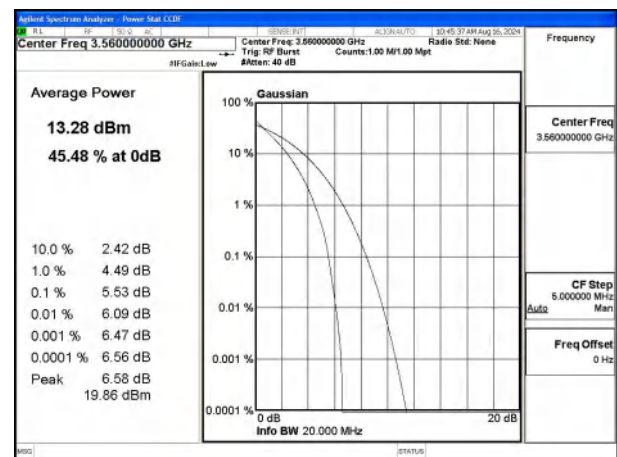


Fig.58

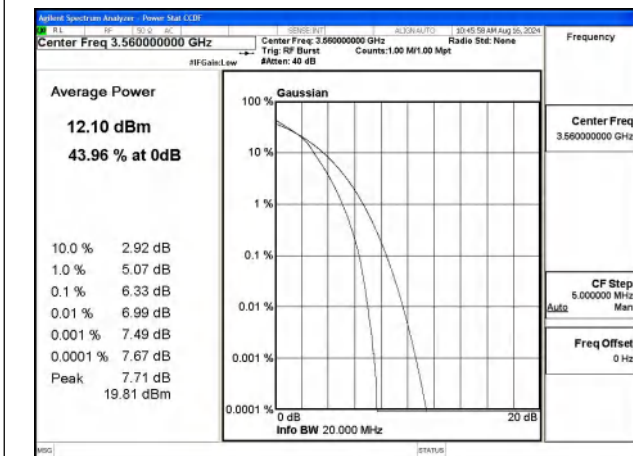


Fig.59

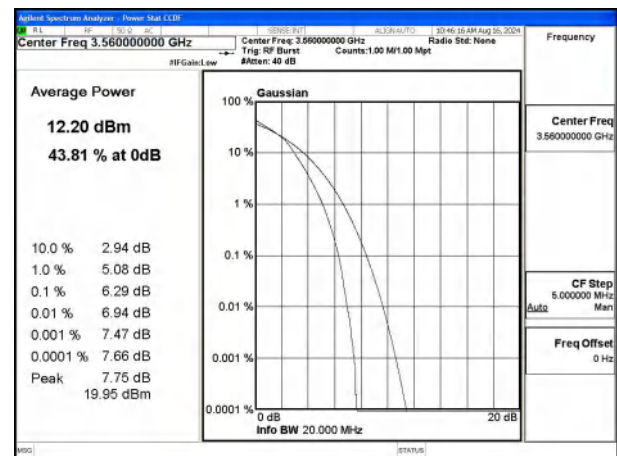


Fig.60

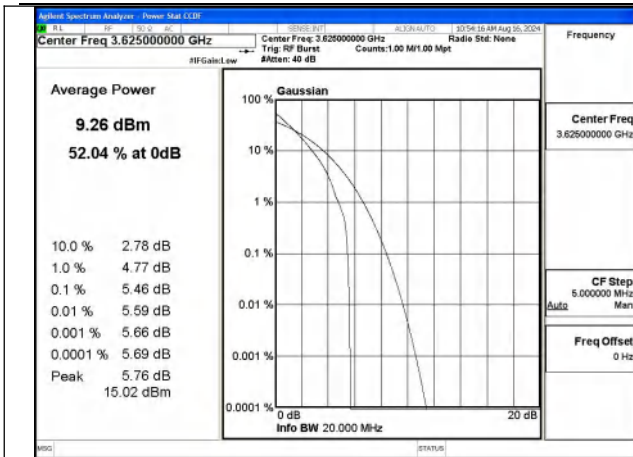


Fig.61

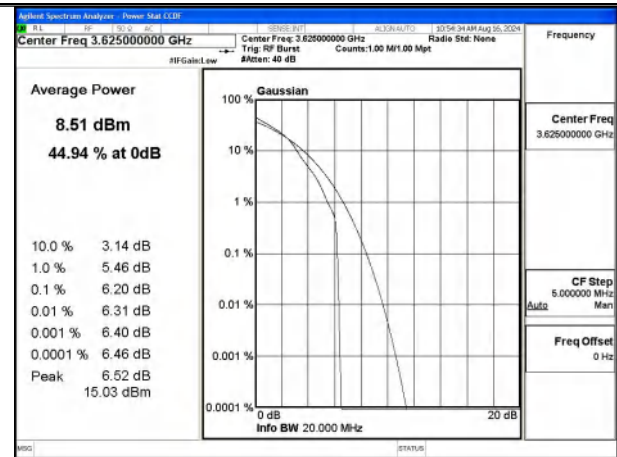


Fig.62

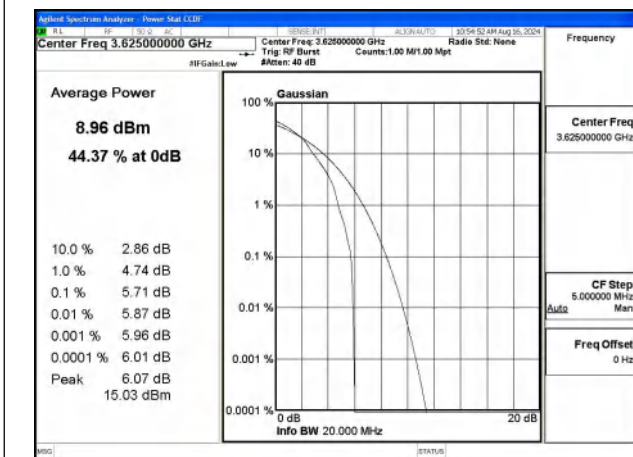


Fig.63

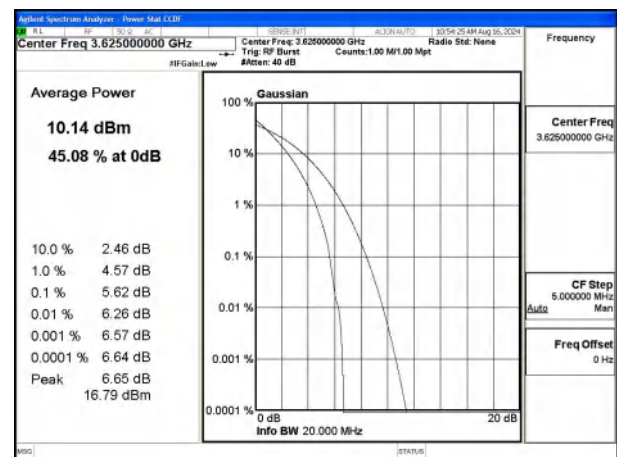


Fig.64

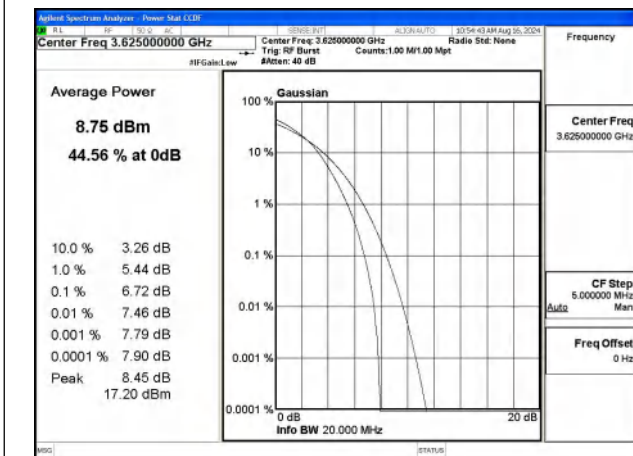


Fig.65

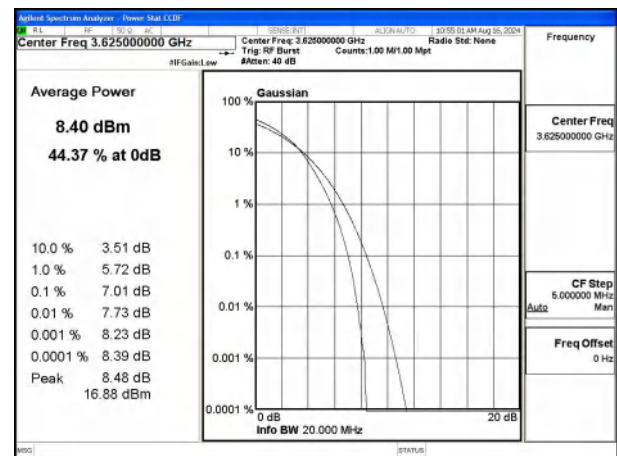


Fig.66

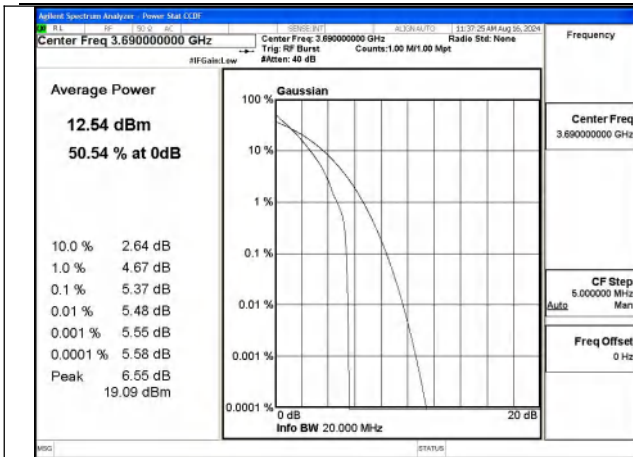


Fig.67

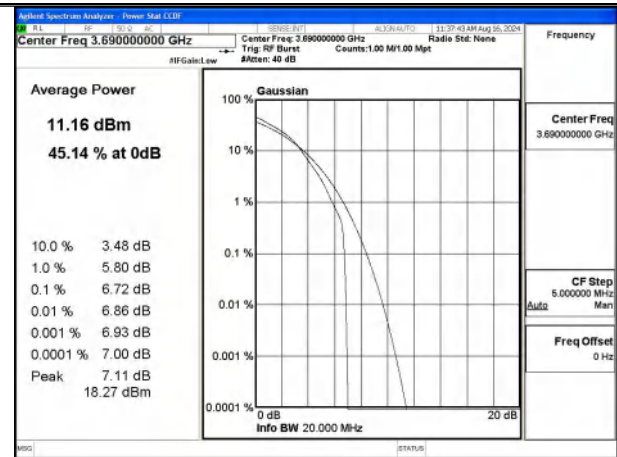


Fig.68

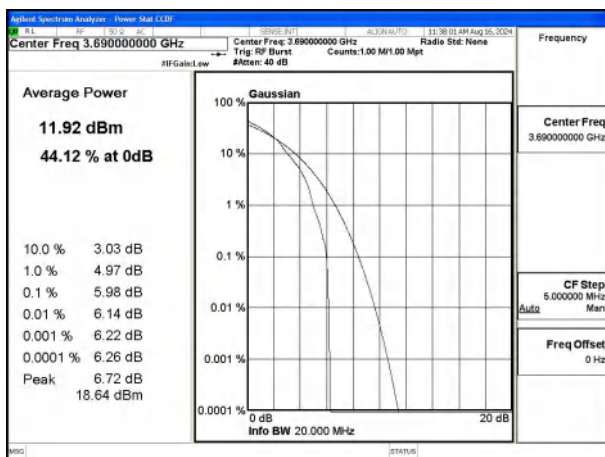


Fig.69

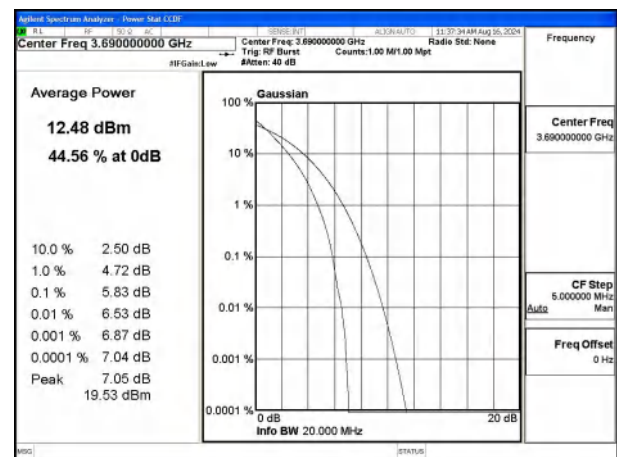


Fig.70

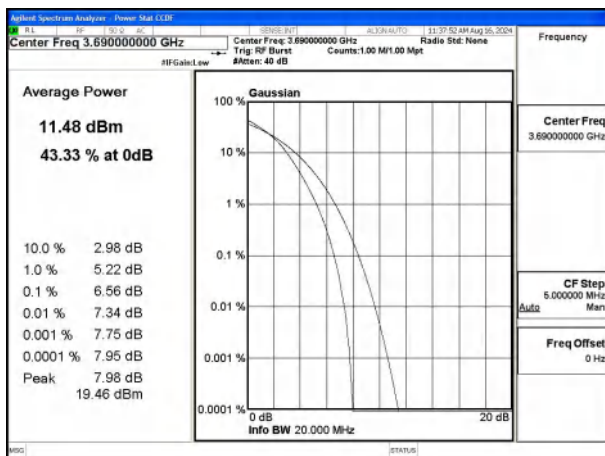


Fig.71

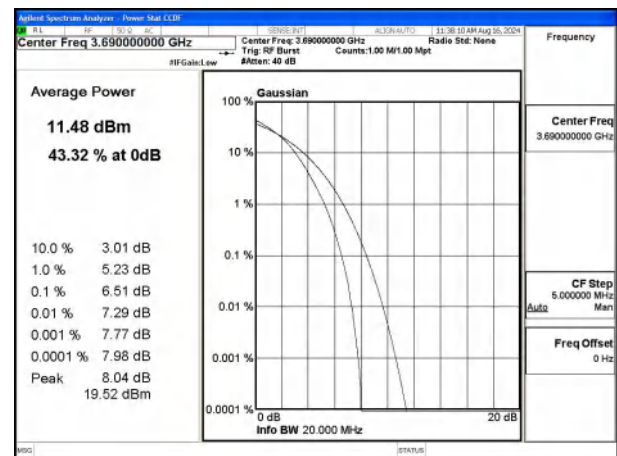


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
48	3552.5	55265	5	1	0	Fig.1
48	3625	55990	5	1	0	Fig.2
48	3697.5	56715	5	1	0	Fig.3
48	3555	55290	10	1	0	Fig.4
48	3625	55990	10	1	0	Fig.5
48	3695	56690	10	1	0	Fig.6
48	3557.5	55315	15	1	0	Fig.7
48	3625	55990	15	1	0	Fig.8
48	3692.5	56665	15	1	0	Fig.9
48	3560	55340	20	1	0	Fig.10
48	3625	55990	20	1	0	Fig.11
48	3690	56640	20	1	0	Fig.12

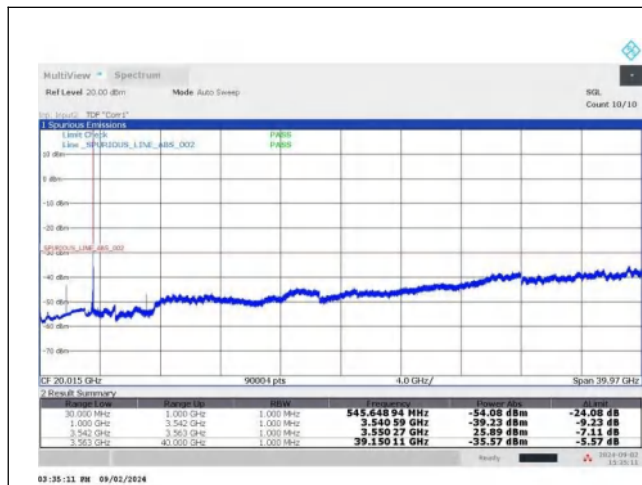


Fig.1

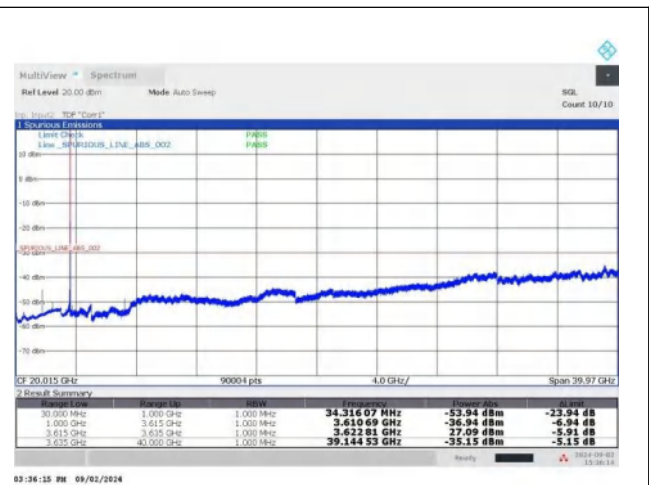


Fig.2

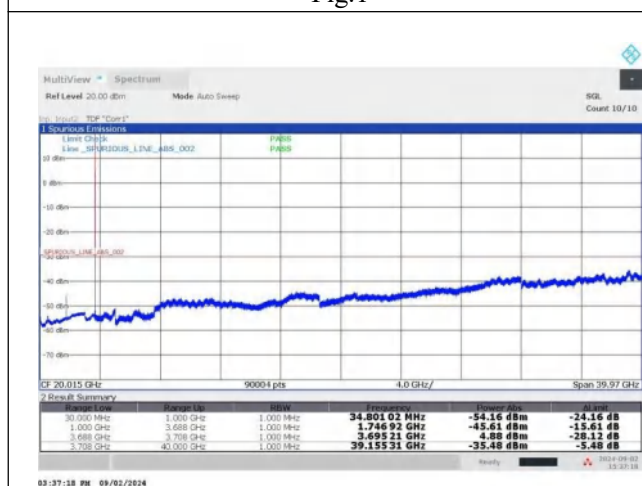


Fig.3



Fig.4



Fig.5



Fig.6



Fig.7



Fig.8



Fig.9



Fig.10

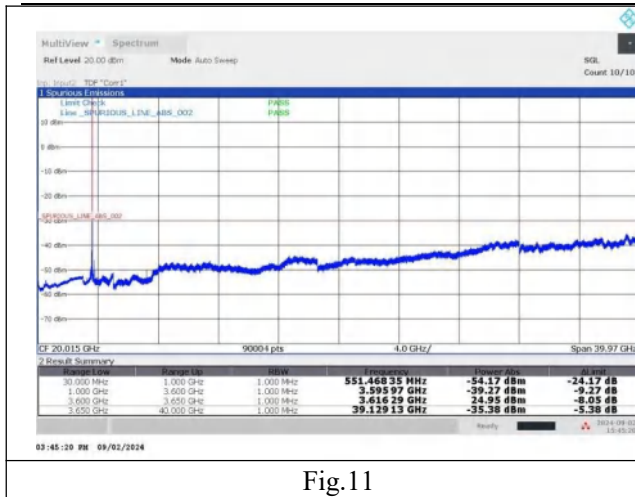


Fig.11



Fig.12

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						16QAM
48	3552.5	55265	5	1	0	Fig.13
48	3625	55990	5	1	0	Fig.14
48	3697.5	56715	5	1	0	Fig.15
48	3555	55290	10	1	0	Fig.16
48	3625	55990	10	1	0	Fig.17
48	3695	56690	10	1	0	Fig.18
48	3557.5	55315	15	1	0	Fig.19
48	3625	55990	15	1	0	Fig.20
48	3692.5	56665	15	1	0	Fig.21
48	3560	55340	20	1	0	Fig.22
48	3625	55990	20	1	0	Fig.23
48	3690	56640	20	1	0	Fig.24

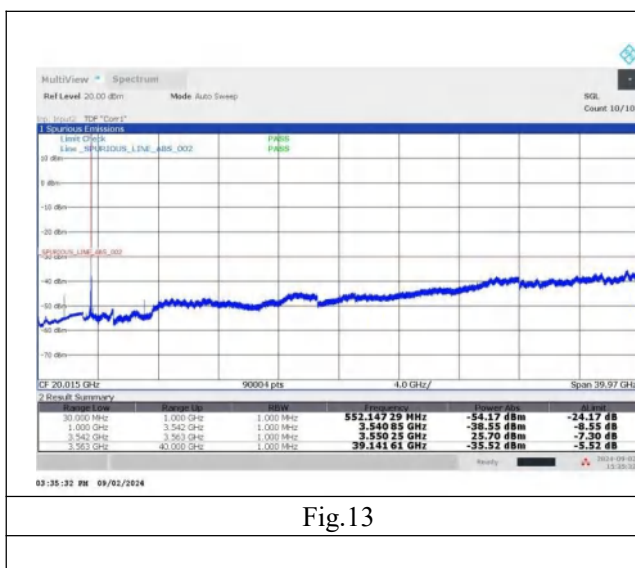


Fig.13

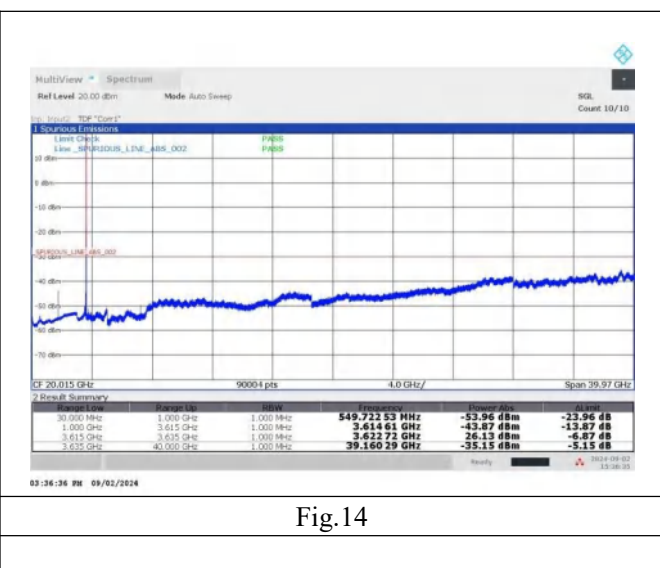


Fig.14



Fig.15



Fig.16



Fig.17

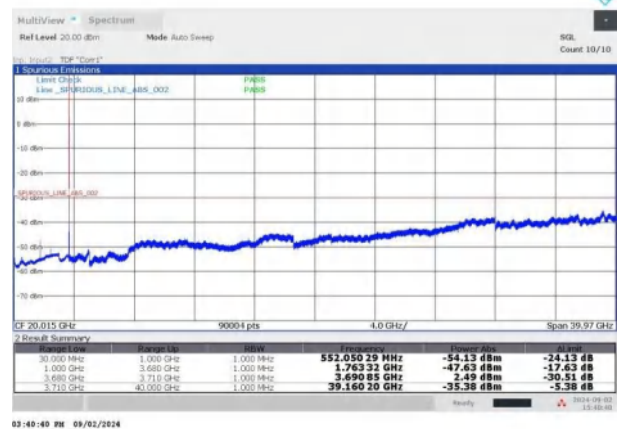


Fig.18



Fig.19



Fig.20



Fig.21

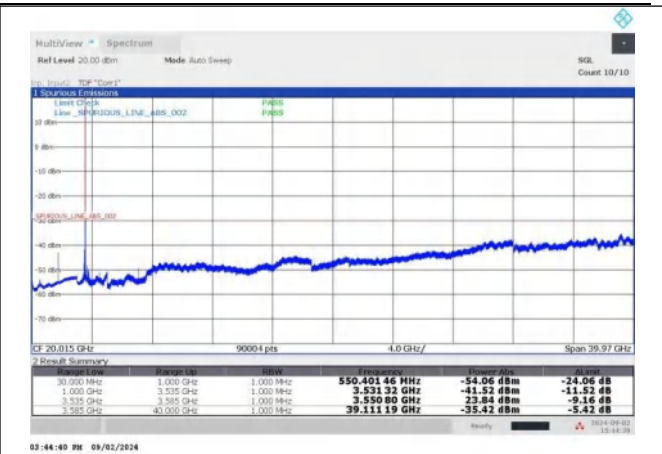


Fig.22

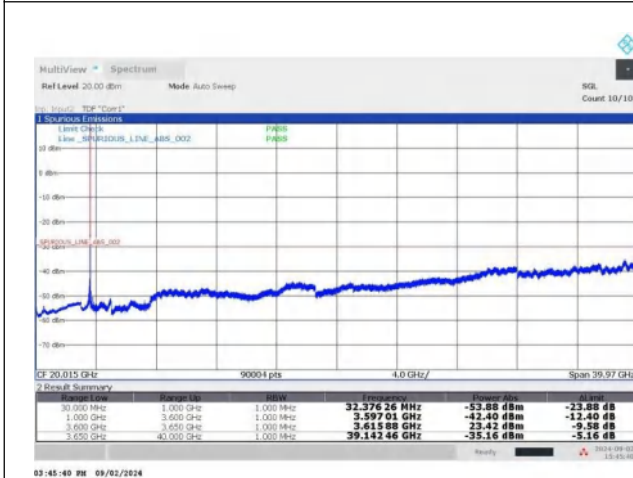


Fig.23



Fig.24

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						64QAM
48	3552.5	55265	5	1	0	Fig.25
48	3625	55990	5	1	0	Fig.26
48	3697.5	56715	5	1	0	Fig.27
48	3555	55290	10	1	0	Fig.28
48	3625	55990	10	1	0	Fig.29
48	3695	56690	10	1	0	Fig.30
48	3557.5	55315	15	1	0	Fig.31
48	3625	55990	15	1	0	Fig.32
48	3692.5	56665	15	1	0	Fig.33
48	3560	55340	20	1	0	Fig.34
48	3625	55990	20	1	0	Fig.35
48	3690	56640	20	1	0	Fig.36



Fig.25



Fig.26



Fig.27



Fig.28



Fig.29



Fig.30



Fig.31



Fig.32

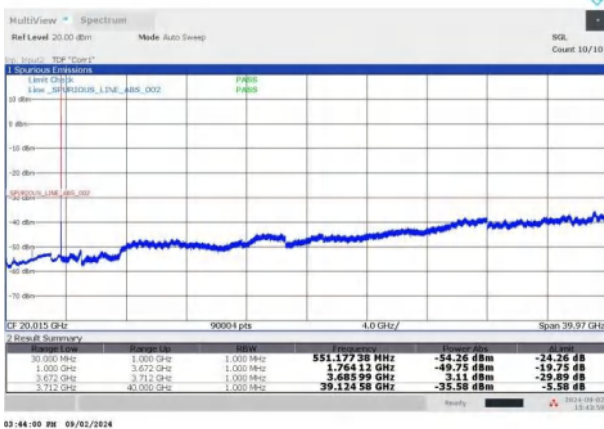


Fig.33

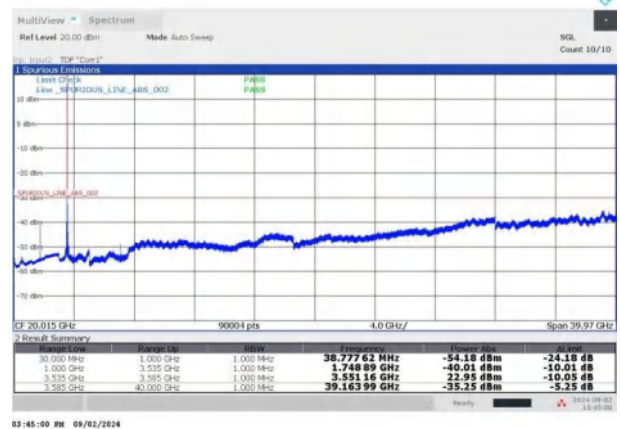


Fig.34



Fig.35



Fig.36

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
48	QPSK	3552.5	55265	5	1	0	Fig.1
48	QPSK	3552.5	55265	5	25	0	Fig.2
48	QPSK	3697.5	56715	5	1	24	Fig.3
48	QPSK	3697.5	56715	5	25	0	Fig.4
48	QPSK	3555	55290	10	1	0	Fig.5
48	QPSK	3555	55290	10	50	0	Fig.6
48	QPSK	3695	56690	10	1	49	Fig.7
48	QPSK	3695	56690	10	50	0	Fig.8
48	QPSK	3557.5	55315	15	1	0	Fig.9
48	QPSK	3557.5	55315	15	75	0	Fig.10
48	QPSK	3692.5	56665	15	1	74	Fig.11
48	QPSK	3692.5	56665	15	75	0	Fig.12
48	QPSK	3560	55340	20	1	0	Fig.13
48	QPSK	3560	55340	20	100	0	Fig.14
48	QPSK	3690	56640	20	1	99	Fig.15
48	QPSK	3690	56640	20	100	0	Fig.16

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
48	16QAM	3552.5	55265	5	1	0	Fig.17
48	16QAM	3552.5	55265	5	25	0	Fig.18
48	16QAM	3697.5	56715	5	1	24	Fig.19
48	16QAM	3697.5	56715	5	25	0	Fig.20
48	16QAM	3555	55290	10	1	0	Fig.21
48	16QAM	3555	55290	10	50	0	Fig.22
48	16QAM	3695	56690	10	1	49	Fig.23
48	16QAM	3695	56690	10	50	0	Fig.24
48	16QAM	3557.5	55315	15	1	0	Fig.25
48	16QAM	3557.5	55315	15	75	0	Fig.26
48	16QAM	3692.5	56665	15	1	74	Fig.27
48	16QAM	3692.5	56665	15	75	0	Fig.28
48	16QAM	3560	55340	20	1	0	Fig.29
48	16QAM	3560	55340	20	100	0	Fig.30
48	16QAM	3690	56640	20	1	99	Fig.31
48	16QAM	3690	56640	20	100	0	Fig.32

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
48	64QAM	3552.5	55265	5	1	0	Fig.33
48	64QAM	3552.5	55265	5	25	0	Fig.34
48	64QAM	3697.5	56715	5	1	24	Fig.35
48	64QAM	3697.5	56715	5	25	0	Fig.36
48	64QAM	3555	55290	10	1	0	Fig.37
48	64QAM	3555	55290	10	50	0	Fig.38
48	64QAM	3695	56690	10	1	49	Fig.39
48	64QAM	3695	56690	10	50	0	Fig.40
48	64QAM	3557.5	55315	15	1	0	Fig.41
48	64QAM	3557.5	55315	15	75	0	Fig.42
48	64QAM	3692.5	56665	15	1	74	Fig.43
48	64QAM	3692.5	56665	15	75	0	Fig.44
48	64QAM	3560	55340	20	1	0	Fig.45
48	64QAM	3560	55340	20	100	0	Fig.46
48	64QAM	3690	56640	20	1	99	Fig.47
48	64QAM	3690	56640	20	100	0	Fig.48

Test Mode: QPSK

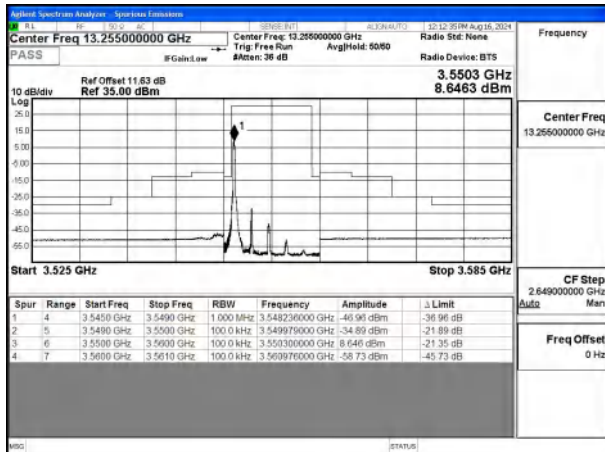


Fig.1

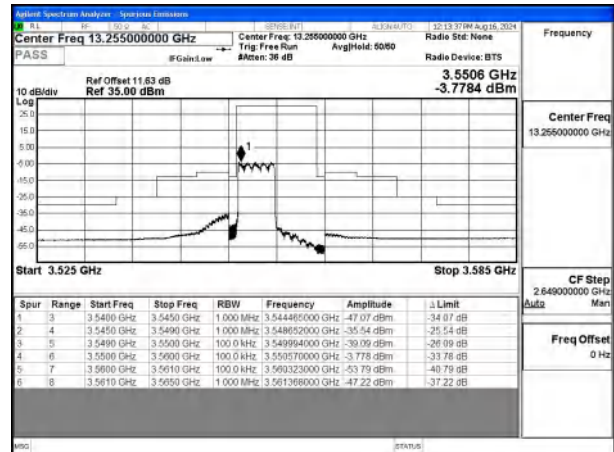


Fig.2

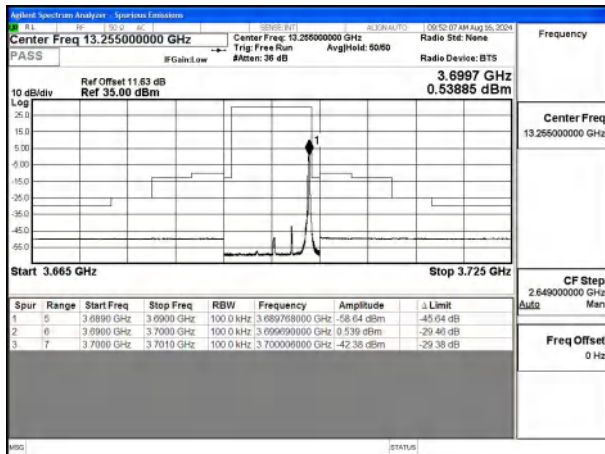


Fig.3

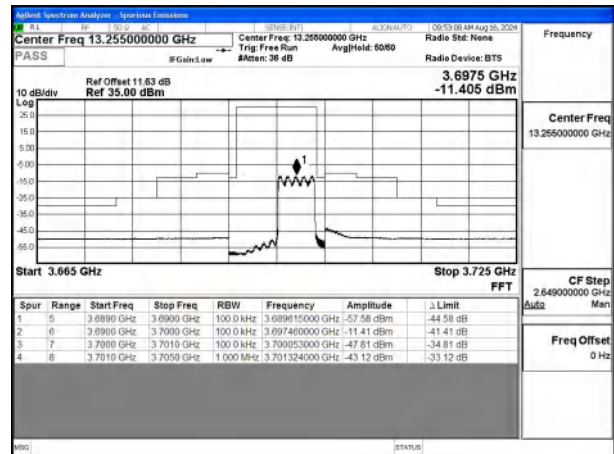


Fig.4

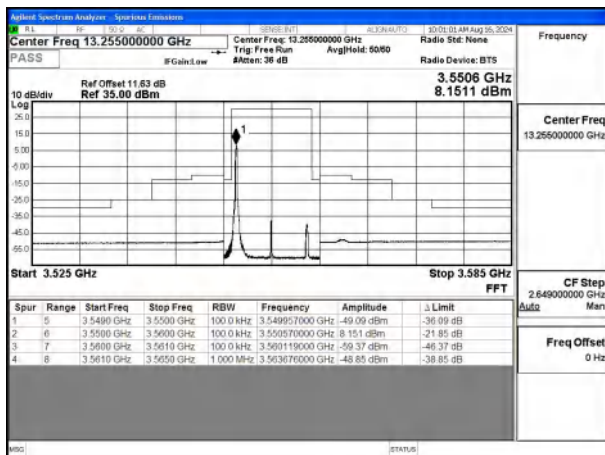


Fig.5

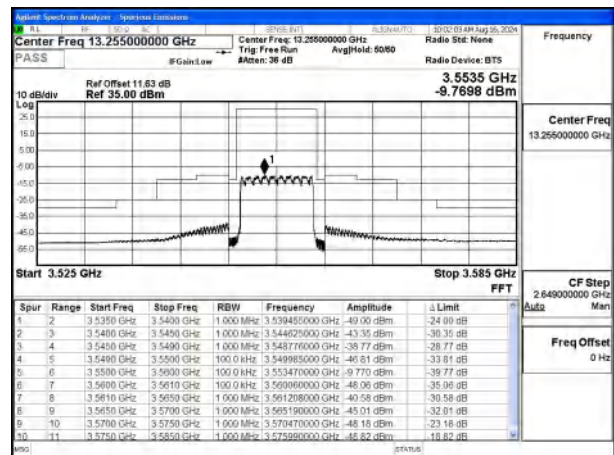


Fig.6

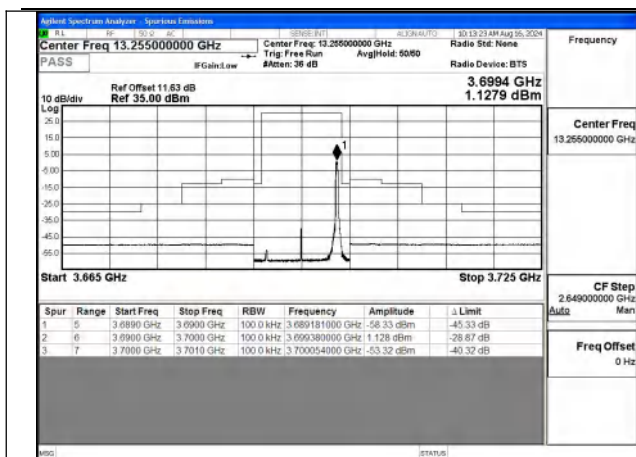


Fig.7

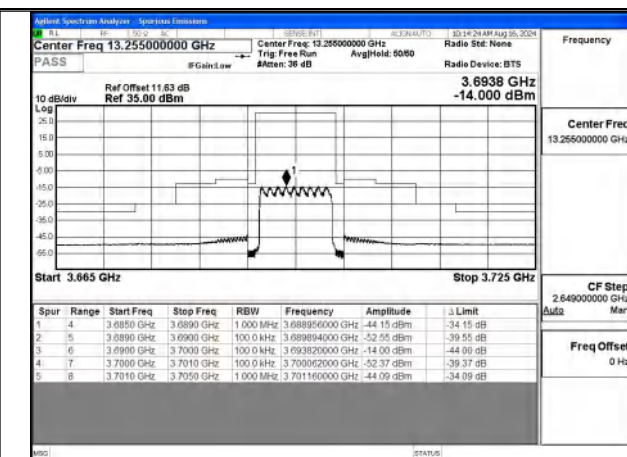


Fig.8

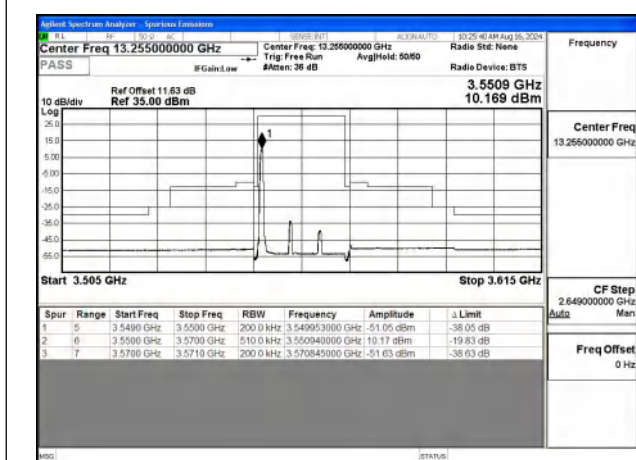


Fig.9

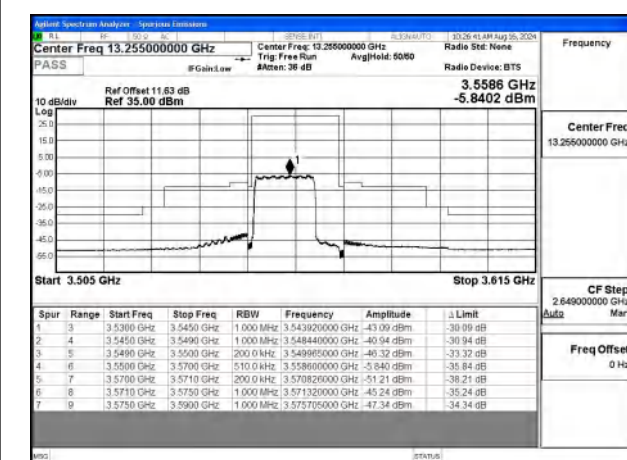


Fig.10

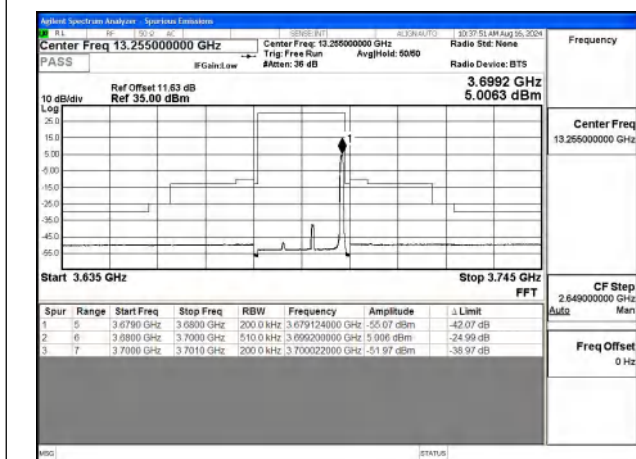


Fig.11

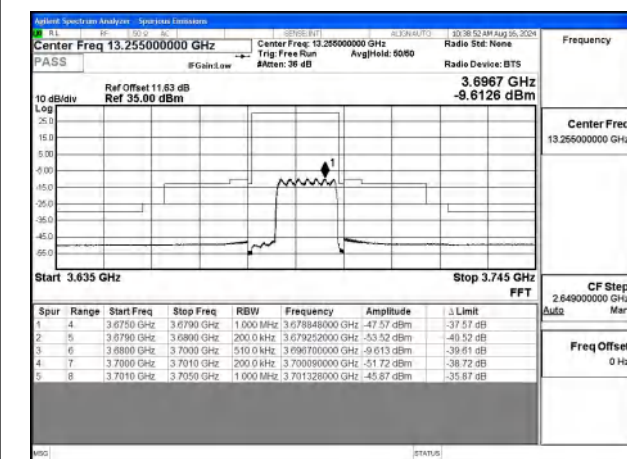


Fig.12

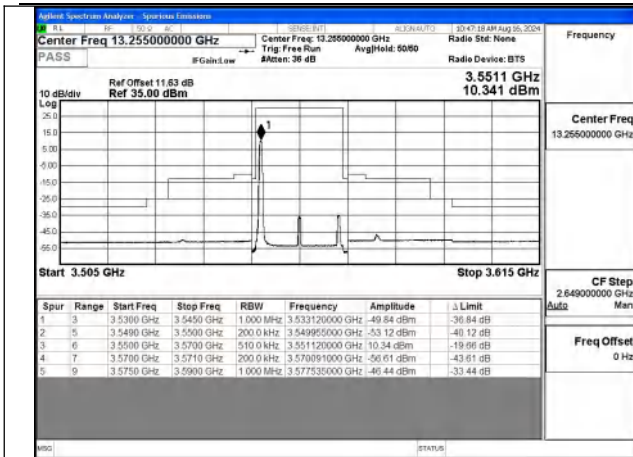


Fig.13

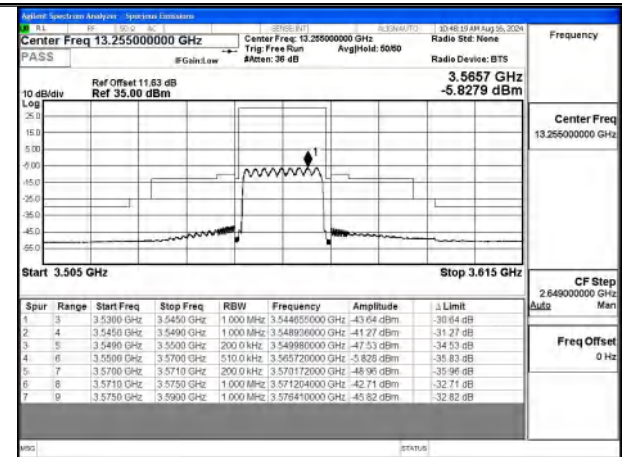


Fig.14

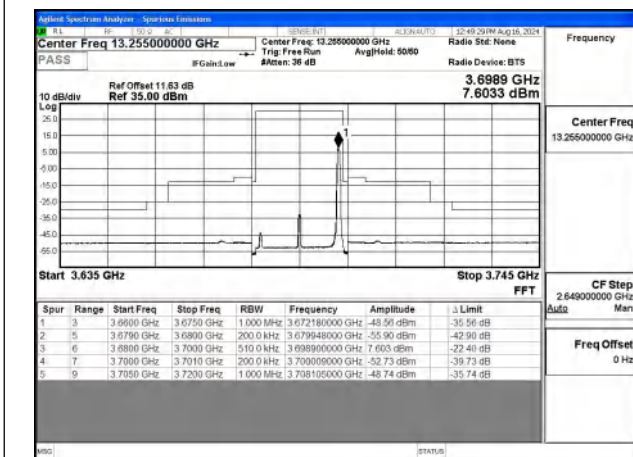


Fig.15

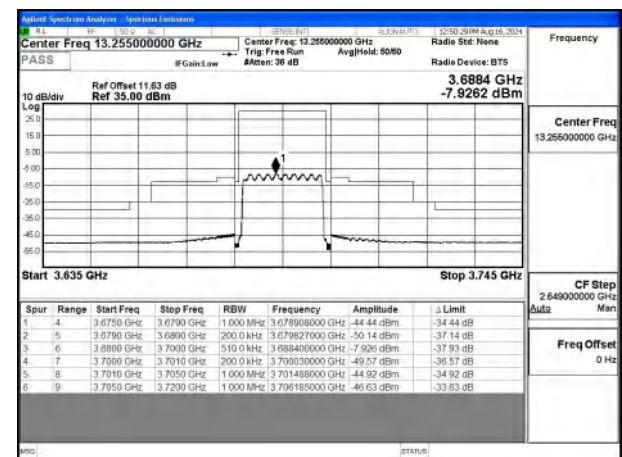


Fig.16

Test Mode: 16QAM

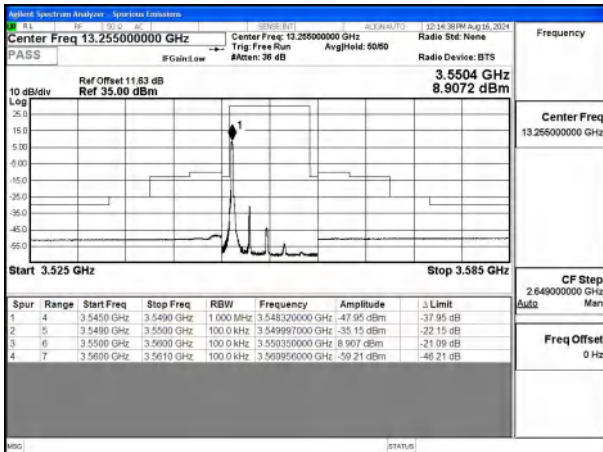


Fig.17

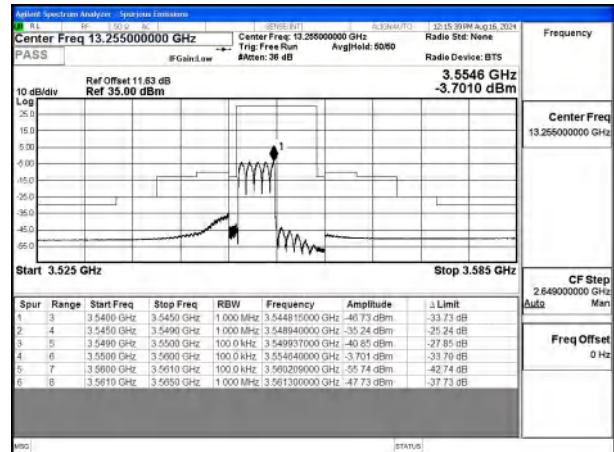


Fig.18

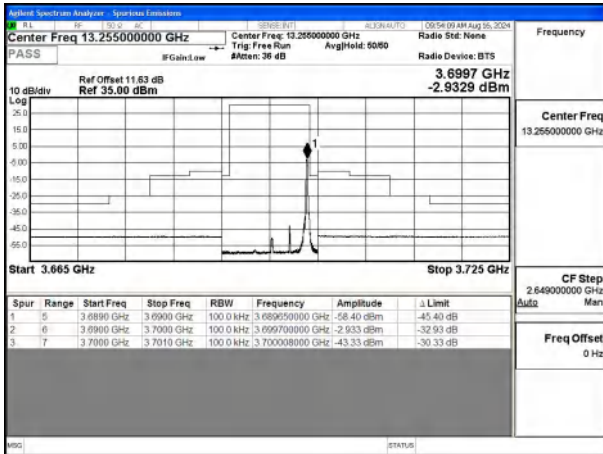


Fig.19

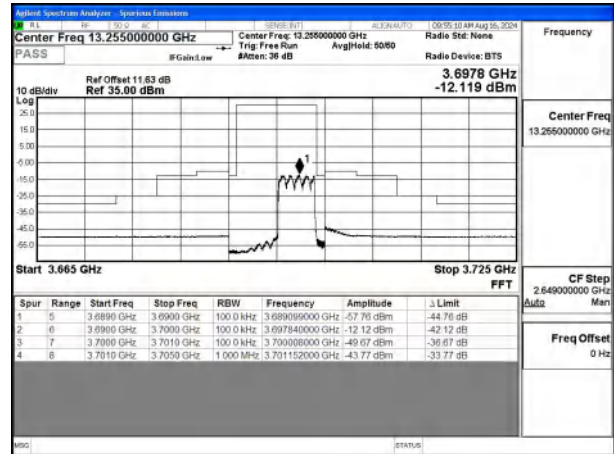


Fig.20

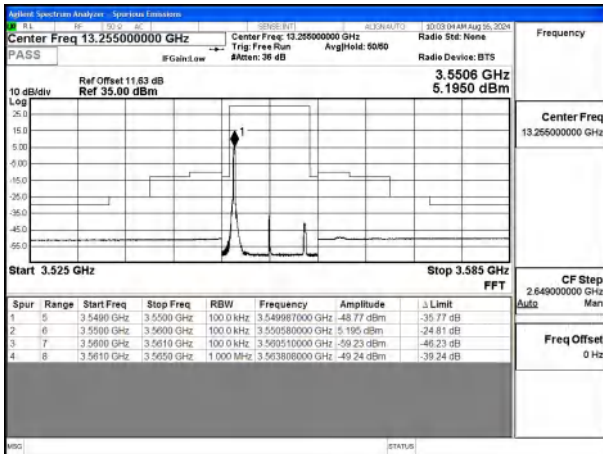


Fig.21

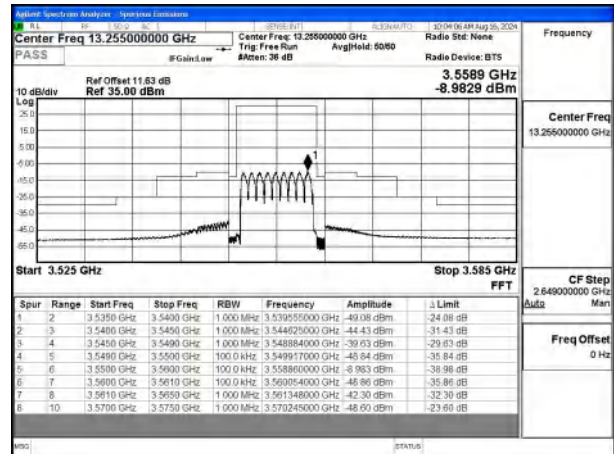


Fig.22

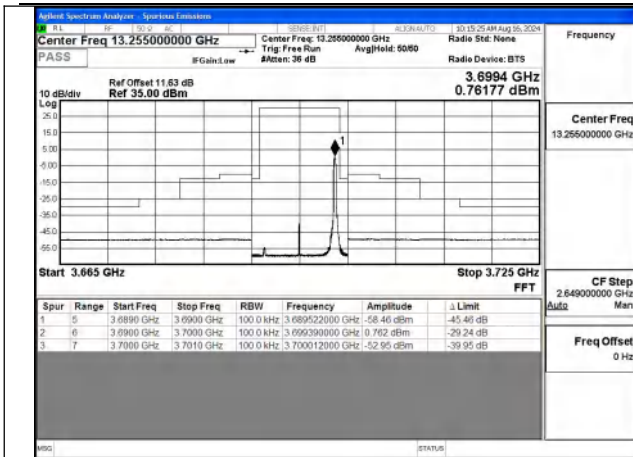


Fig.23

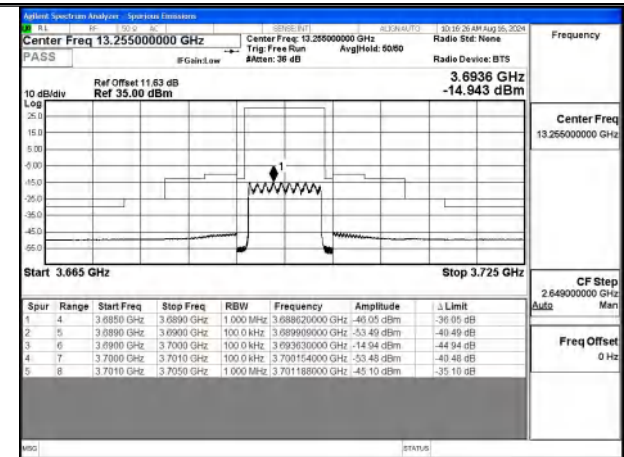


Fig.24

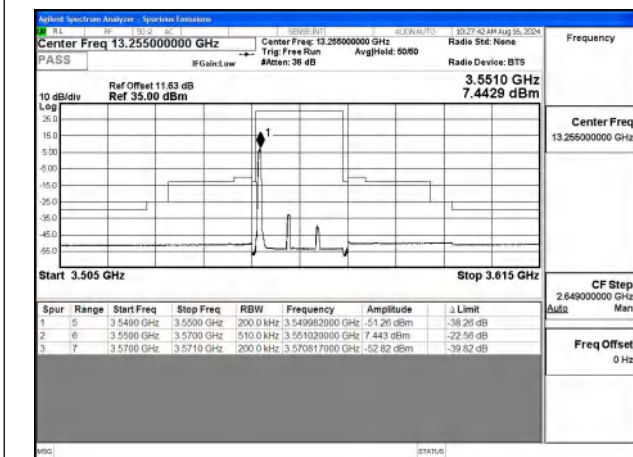


Fig.25

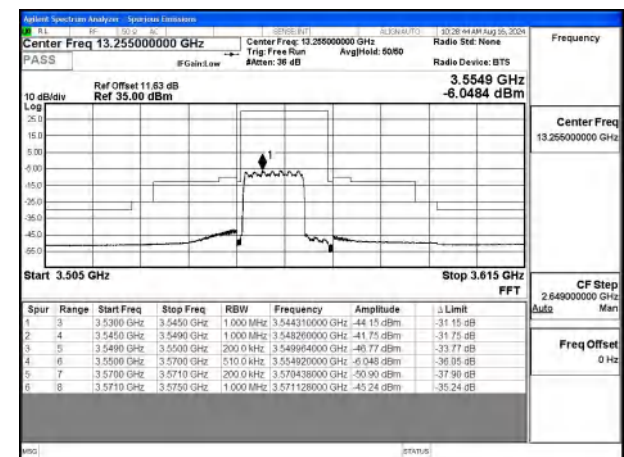


Fig.26

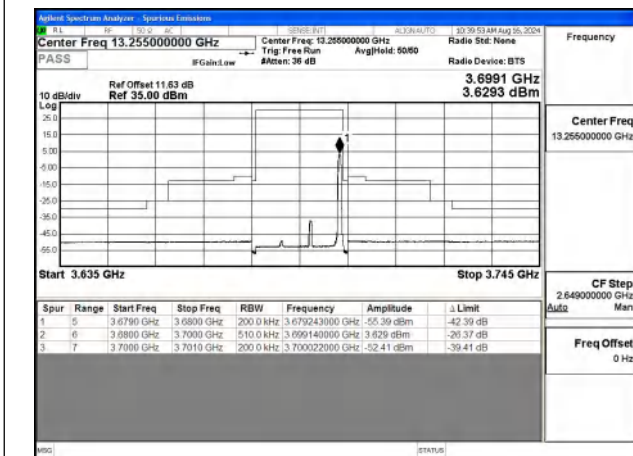


Fig.27

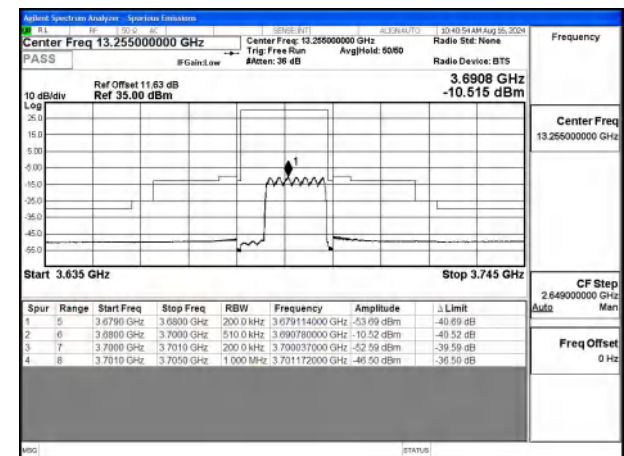


Fig.28

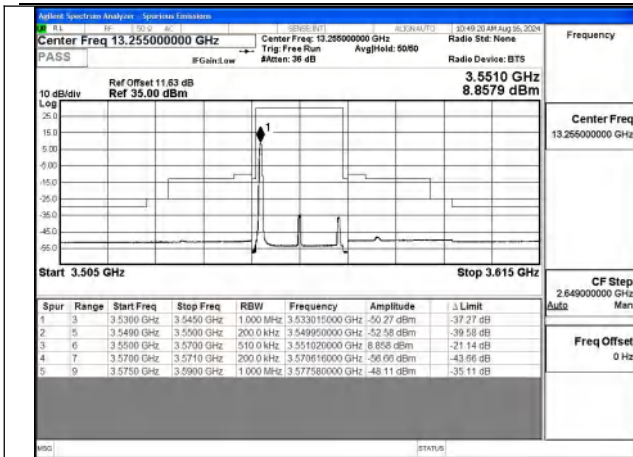


Fig.29

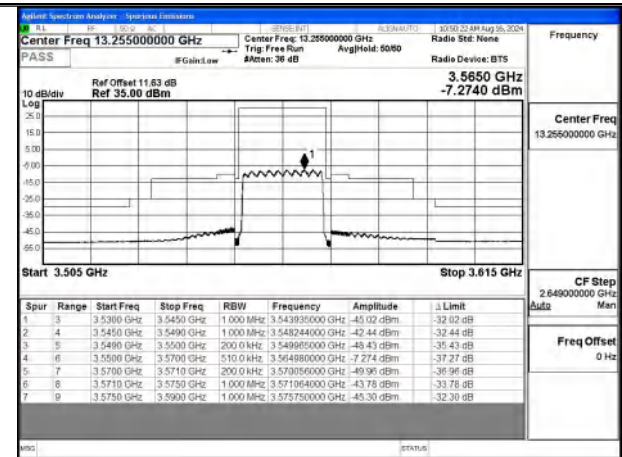


Fig.30

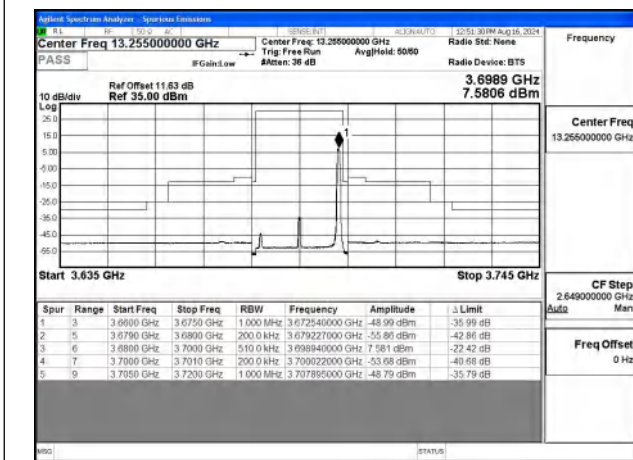


Fig.31

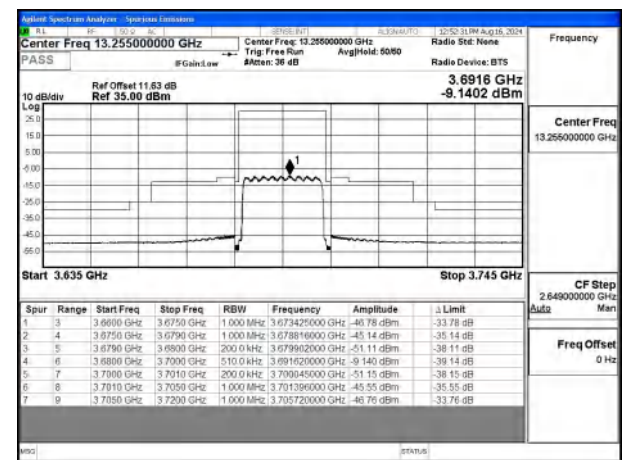


Fig.32

Test Mode: 64QAM

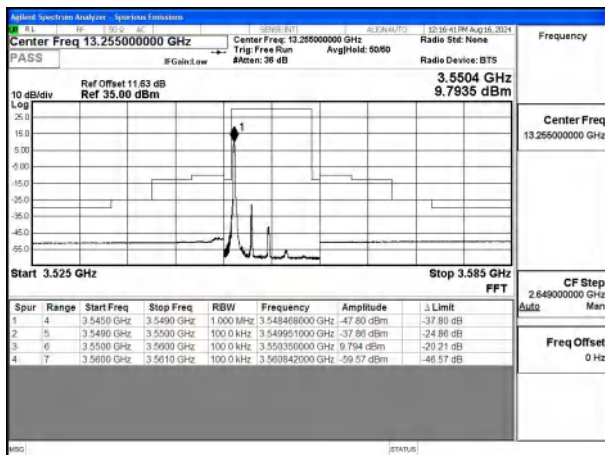


Fig.33

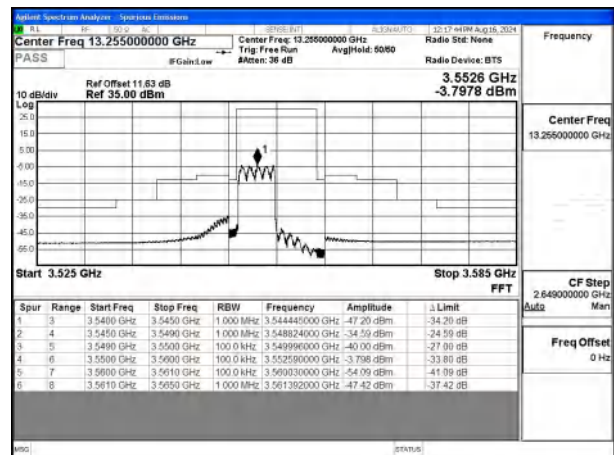


Fig.34

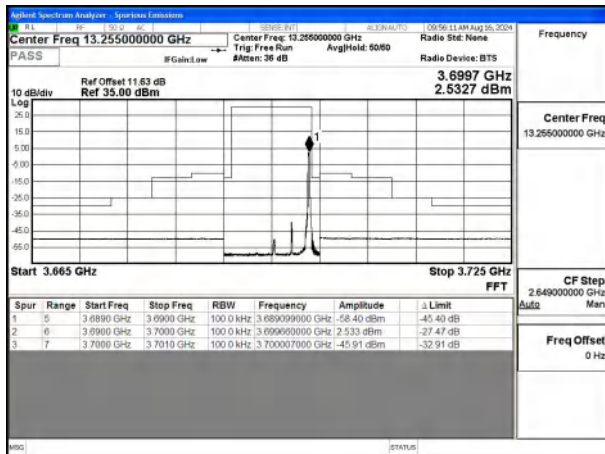


Fig.35

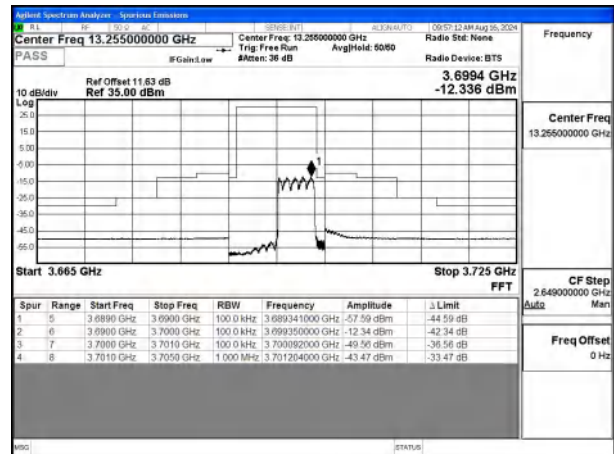


Fig.36

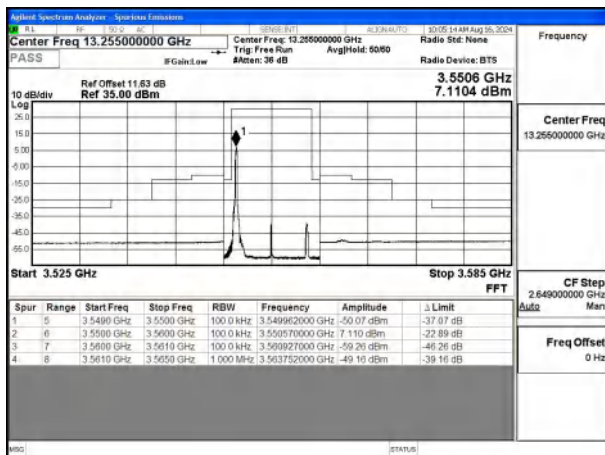


Fig.37

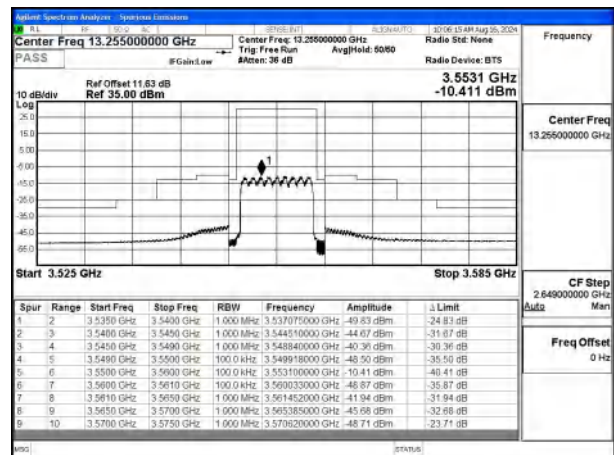


Fig.38

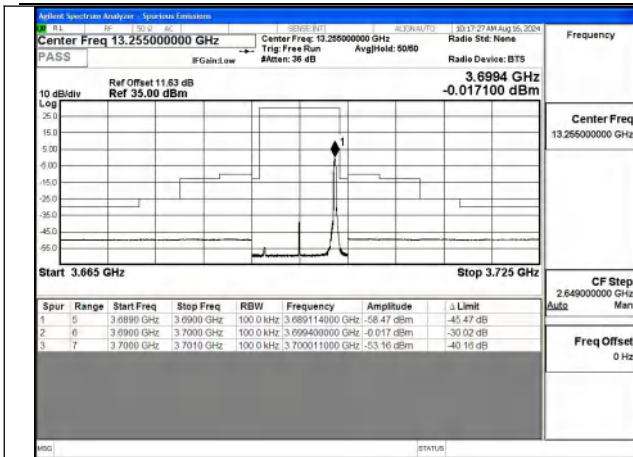


Fig.39

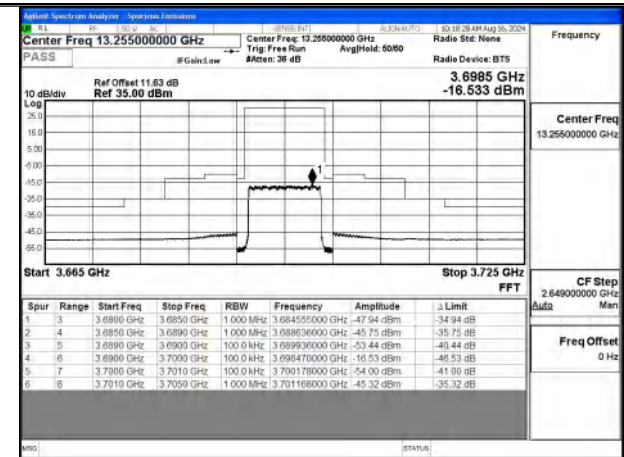


Fig.40

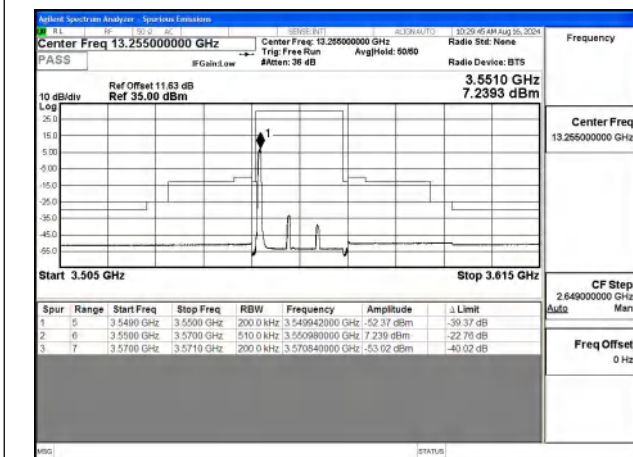


Fig.41

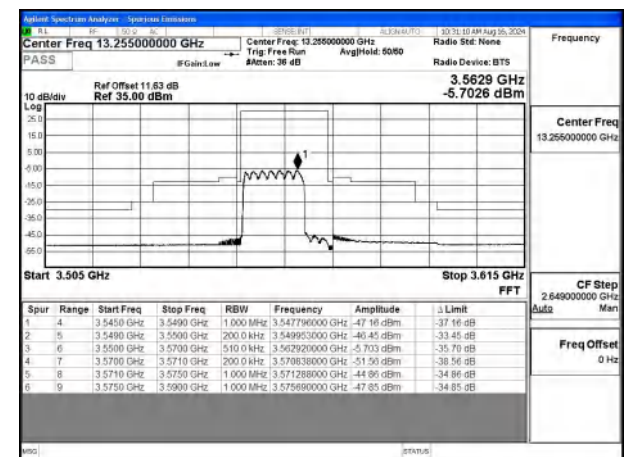


Fig.42

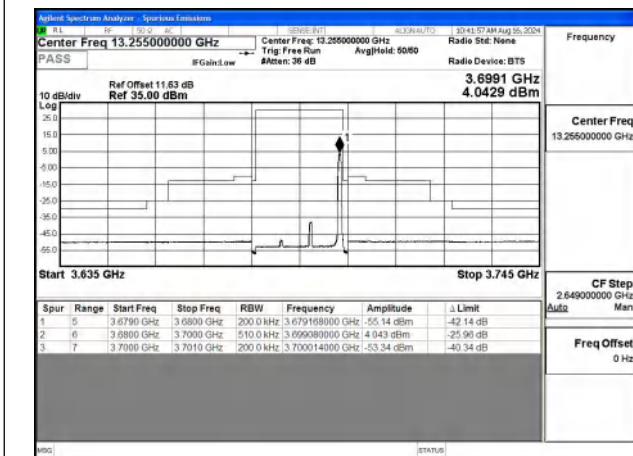


Fig.43

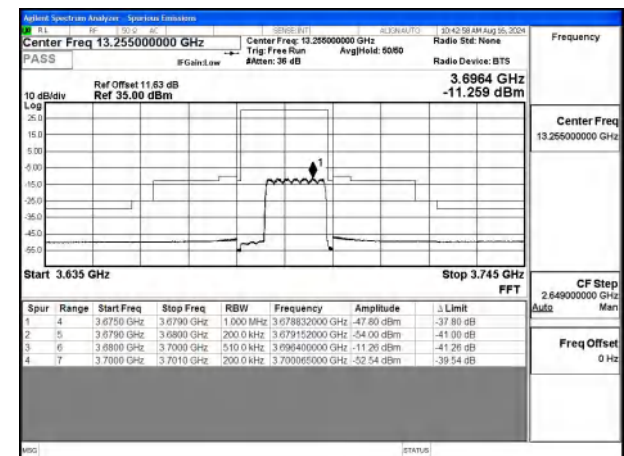


Fig.44

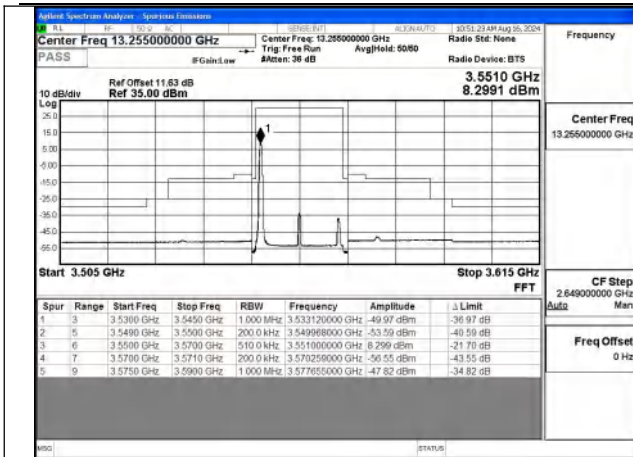


Fig.45

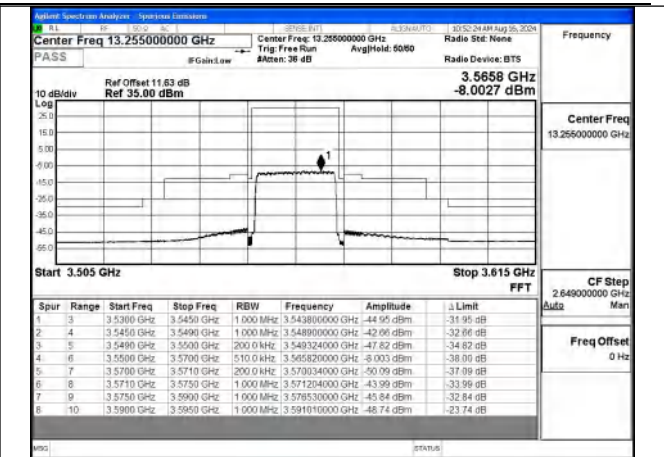


Fig.46

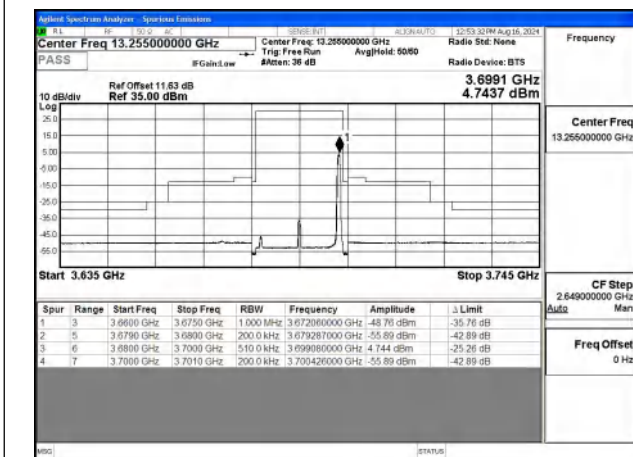


Fig.47

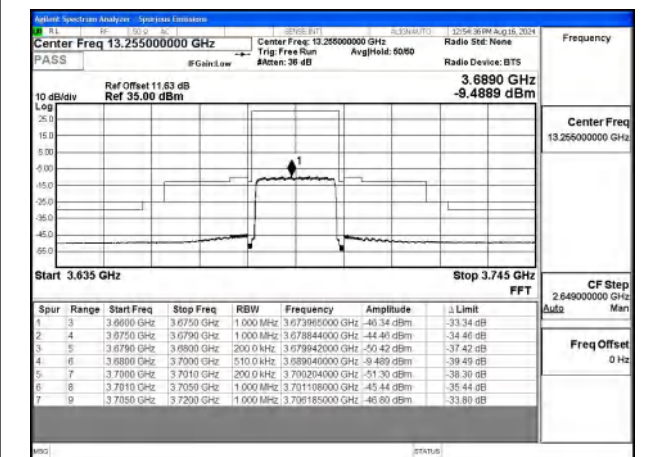


Fig.48

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 48 Low Channel QPSK			
		5M	10M	15M	20M
-30	NV	-0.003	0.002	-0.001	-0.003
-20	NV	0.001	0.001	-0.002	-0.004
-10	NV	0.001	-0.001	-0.001	-0.004
0	NV	0.001	0.001	0.001	-0.002
+10	NV	0.002	-0.001	0.001	0.000
+20	NV	-0.001	0.002	0.001	0.000
+30	NV	-0.003	-0.002	-0.001	0.000
+40	NV	-0.001	-0.001	0.001	0.000
+50	NV	-0.003	0.003	0.001	-0.001
+20	LV	-0.001	0.003	-0.002	-0.001
+20	HV	0.001	0.001	0.001	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band 48 High Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.002	-0.002	-0.001	-0.001
-20	NV	0.002	-0.002	-0.004	0.002
-10	NV	0.003	-0.003	-0.002	0.002
0	NV	-0.001	-0.001	0.001	-0.001
+10	NV	-0.001	0.003	-0.001	0.002
+20	NV	0.002	0.001	-0.002	-0.001
+30	NV	-0.001	-0.002	-0.001	-0.001
+40	NV	-0.001	-0.001	-0.002	-0.002
+50	NV	0.002	0.001	-0.003	-0.002
+20	LV	0.001	-0.003	0.001	-0.001
+20	HV	0.003	-0.002	0.001	-0.003

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	3552.5	55265	5	1	0	23.20	21.20	0.132
QPSK	3552.5	55265	5	1	12	23.65	21.65	0.146
QPSK	3552.5	55265	5	1	24	23.55	21.55	0.143
QPSK	3552.5	55265	5	12	0	22.67	20.67	0.117
QPSK	3552.5	55265	5	12	7	22.58	20.58	0.114
QPSK	3552.5	55265	5	12	13	22.60	20.60	0.115
QPSK	3552.5	55265	5	25	0	22.71	20.71	0.118
QPSK	3625	55990	5	1	0	23.34	21.34	0.136
QPSK	3625	55990	5	1	12	23.32	21.32	0.136
QPSK	3625	55990	5	1	24	23.22	21.22	0.132
QPSK	3625	55990	5	12	0	22.25	20.25	0.106
QPSK	3625	55990	5	12	7	22.26	20.26	0.106
QPSK	3625	55990	5	12	13	22.28	20.28	0.107
QPSK	3625	55990	5	25	0	22.33	20.33	0.108
QPSK	3697.5	56715	5	1	0	23.25	21.25	0.133
QPSK	3697.5	56715	5	1	12	23.24	21.24	0.133
QPSK	3697.5	56715	5	1	24	23.17	21.17	0.131
QPSK	3697.5	56715	5	12	0	22.28	20.28	0.107
QPSK	3697.5	56715	5	12	7	22.26	20.26	0.106
QPSK	3697.5	56715	5	12	13	22.14	20.14	0.103
QPSK	3697.5	56715	5	25	0	22.13	20.13	0.103

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3552.5	55265	5	1	0	22.70	20.70	0.117
16QAM	3552.5	55265	5	1	12	22.76	20.76	0.119
16QAM	3552.5	55265	5	1	24	22.79	20.79	0.120
16QAM	3552.5	55265	5	12	0	21.76	19.76	0.095
16QAM	3552.5	55265	5	12	7	21.69	19.69	0.093
16QAM	3552.5	55265	5	12	13	21.72	19.72	0.094
16QAM	3552.5	55265	5	25	0	21.62	19.62	0.092
16QAM	3625	55990	5	1	0	22.57	20.57	0.114
16QAM	3625	55990	5	1	12	22.49	20.49	0.112
16QAM	3625	55990	5	1	24	22.48	20.48	0.112
16QAM	3625	55990	5	12	0	21.43	19.43	0.088
16QAM	3625	55990	5	12	7	21.44	19.44	0.088
16QAM	3625	55990	5	12	13	21.35	19.35	0.086
16QAM	3625	55990	5	25	0	21.38	19.38	0.087
16QAM	3697.5	56715	5	1	0	22.55	20.55	0.114
16QAM	3697.5	56715	5	1	12	22.51	20.51	0.112
16QAM	3697.5	56715	5	1	24	22.44	20.44	0.111
16QAM	3697.5	56715	5	12	0	21.36	19.36	0.086
16QAM	3697.5	56715	5	12	7	21.24	19.24	0.084
16QAM	3697.5	56715	5	12	13	21.32	19.32	0.086
16QAM	3697.5	56715	5	25	0	21.29	19.29	0.085
64QAM	3552.5	55265	5	1	0	22.70	20.70	0.117
64QAM	3552.5	55265	5	1	12	22.58	20.58	0.114
64QAM	3552.5	55265	5	1	24	22.62	20.62	0.115
64QAM	3552.5	55265	5	12	0	21.59	19.59	0.091
64QAM	3552.5	55265	5	12	7	21.64	19.64	0.092
64QAM	3552.5	55265	5	12	13	21.66	19.66	0.092
64QAM	3552.5	55265	5	25	0	21.55	19.55	0.090
64QAM	3625	55990	5	1	0	22.46	20.46	0.111
64QAM	3625	55990	5	1	12	22.34	20.34	0.108
64QAM	3625	55990	5	1	24	22.34	20.34	0.108
64QAM	3625	55990	5	12	0	21.30	19.30	0.085
64QAM	3625	55990	5	12	7	21.32	19.32	0.086
64QAM	3625	55990	5	12	13	21.32	19.32	0.086
64QAM	3625	55990	5	25	0	21.33	19.33	0.086
64QAM	3697.5	56715	5	1	0	22.24	20.24	0.106
64QAM	3697.5	56715	5	1	12	22.26	20.26	0.106
64QAM	3697.5	56715	5	1	24	22.40	20.40	0.110
64QAM	3697.5	56715	5	12	0	21.12	19.12	0.082
64QAM	3697.5	56715	5	12	7	21.23	19.23	0.084
64QAM	3697.5	56715	5	12	13	21.19	19.19	0.083
64QAM	3697.5	56715	5	25	0	21.13	19.13	0.082

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3555	55290	10	1	0	23.57	21.57	0.144
QPSK	3555	55290	10	1	25	23.64	21.64	0.146
QPSK	3555	55290	10	1	49	23.61	21.61	0.145
QPSK	3555	55290	10	25	0	22.77	20.77	0.119
QPSK	3555	55290	10	25	12	22.74	20.74	0.119
QPSK	3555	55290	10	25	25	22.73	20.73	0.118
QPSK	3555	55290	10	50	0	22.67	20.67	0.117
QPSK	3625	55990	10	1	0	23.30	21.30	0.135
QPSK	3625	55990	10	1	25	23.23	21.23	0.133
QPSK	3625	55990	10	1	49	23.32	21.32	0.136
QPSK	3625	55990	10	25	0	22.31	20.31	0.107
QPSK	3625	55990	10	25	12	22.37	20.37	0.109
QPSK	3625	55990	10	25	25	22.41	20.41	0.110
QPSK	3625	55990	10	50	0	22.31	20.31	0.107
QPSK	3695	56690	10	1	0	23.24	21.24	0.133
QPSK	3695	56690	10	1	25	23.38	21.38	0.137
QPSK	3695	56690	10	1	49	23.34	21.34	0.136
QPSK	3695	56690	10	25	0	22.28	20.28	0.107
QPSK	3695	56690	10	25	12	22.18	20.18	0.104
QPSK	3695	56690	10	25	25	22.25	20.25	0.106
QPSK	3695	56690	10	50	0	22.20	20.20	0.105

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3555	55290	10	1	0	22.79	20.79	0.120
16QAM	3555	55290	10	1	25	22.77	20.77	0.119
16QAM	3555	55290	10	1	49	22.88	20.88	0.122
16QAM	3555	55290	10	25	0	21.66	19.66	0.092
16QAM	3555	55290	10	25	12	21.87	19.87	0.097
16QAM	3555	55290	10	25	25	21.75	19.75	0.094
16QAM	3555	55290	10	50	0	21.83	19.83	0.096
16QAM	3625	55990	10	1	0	22.65	20.65	0.116
16QAM	3625	55990	10	1	25	22.62	20.62	0.115
16QAM	3625	55990	10	1	49	22.54	20.54	0.113
16QAM	3625	55990	10	25	0	21.37	19.37	0.086
16QAM	3625	55990	10	25	12	21.33	19.33	0.086
16QAM	3625	55990	10	25	25	21.38	19.38	0.087
16QAM	3625	55990	10	50	0	21.40	19.40	0.087
16QAM	3695	56690	10	1	0	22.60	20.60	0.115
16QAM	3695	56690	10	1	25	22.53	20.53	0.113
16QAM	3695	56690	10	1	49	22.42	20.42	0.110
16QAM	3695	56690	10	25	0	21.21	19.21	0.083
16QAM	3695	56690	10	25	12	21.31	19.31	0.085
16QAM	3695	56690	10	25	25	21.28	19.28	0.085
16QAM	3695	56690	10	50	0	21.27	19.27	0.085
64QAM	3555	55290	10	1	0	22.75	20.75	0.119
64QAM	3555	55290	10	1	25	22.70	20.70	0.117
64QAM	3555	55290	10	1	49	22.80	20.80	0.120
64QAM	3555	55290	10	25	0	21.68	19.68	0.093
64QAM	3555	55290	10	25	12	21.79	19.79	0.095
64QAM	3555	55290	10	25	25	21.77	19.77	0.095
64QAM	3555	55290	10	50	0	21.76	19.76	0.095
64QAM	3625	55990	10	1	0	22.35	20.35	0.108
64QAM	3625	55990	10	1	25	22.39	20.39	0.109
64QAM	3625	55990	10	1	49	22.38	20.38	0.109
64QAM	3625	55990	10	25	0	21.42	19.42	0.087
64QAM	3625	55990	10	25	12	21.28	19.28	0.085
64QAM	3625	55990	10	25	25	21.24	19.24	0.084
64QAM	3625	55990	10	50	0	21.35	19.35	0.086
64QAM	3695	56690	10	1	0	22.25	20.25	0.106
64QAM	3695	56690	10	1	25	22.25	20.25	0.106
64QAM	3695	56690	10	1	49	22.44	20.44	0.111
64QAM	3695	56690	10	25	0	21.22	19.22	0.084
64QAM	3695	56690	10	25	12	21.33	19.33	0.086
64QAM	3695	56690	10	25	25	21.31	19.31	0.085
64QAM	3695	56690	10	50	0	21.29	19.29	0.085

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3557.5	55315	15	1	0	23.74	21.74	0.149
QPSK	3557.5	55315	15	1	37	23.62	21.62	0.145
QPSK	3557.5	55315	15	1	74	23.90	21.90	0.155
QPSK	3557.5	55315	15	36	0	22.79	20.79	0.120
QPSK	3557.5	55315	15	36	29	22.77	20.77	0.119
QPSK	3557.5	55315	15	36	30	22.79	20.79	0.120
QPSK	3557.5	55315	15	75	0	22.71	20.71	0.118
QPSK	3625	55990	15	1	0	23.32	21.32	0.136
QPSK	3625	55990	15	1	37	23.25	21.25	0.133
QPSK	3625	55990	15	1	74	23.35	21.35	0.136
QPSK	3625	55990	15	36	0	22.32	20.32	0.108
QPSK	3625	55990	15	36	29	22.39	20.39	0.109
QPSK	3625	55990	15	36	30	22.39	20.39	0.109
QPSK	3625	55990	15	75	0	22.33	20.33	0.108
QPSK	3692.5	56665	15	1	0	23.23	21.23	0.133
QPSK	3692.5	56665	15	1	37	23.16	21.16	0.131
QPSK	3692.5	56665	15	1	74	23.27	21.27	0.134
QPSK	3692.5	56665	15	36	0	22.30	20.30	0.107
QPSK	3692.5	56665	15	36	29	22.22	20.22	0.105
QPSK	3692.5	56665	15	36	30	22.33	20.33	0.108
QPSK	3692.5	56665	15	75	0	22.25	20.25	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3557.5	55315	15	1	0	22.81	20.81	0.121
16QAM	3557.5	55315	15	1	37	22.83	20.83	0.121
16QAM	3557.5	55315	15	1	74	23.02	21.02	0.126
16QAM	3557.5	55315	15	36	0	21.71	19.71	0.094
16QAM	3557.5	55315	15	36	29	21.80	19.80	0.095
16QAM	3557.5	55315	15	36	30	21.80	19.80	0.095
16QAM	3557.5	55315	15	75	0	21.68	19.68	0.093
16QAM	3625	55990	15	1	0	22.51	20.51	0.112
16QAM	3625	55990	15	1	37	22.48	20.48	0.112
16QAM	3625	55990	15	1	74	22.60	20.60	0.115
16QAM	3625	55990	15	36	0	21.33	19.33	0.086
16QAM	3625	55990	15	36	29	21.37	19.37	0.086
16QAM	3625	55990	15	36	30	21.34	19.34	0.086
16QAM	3625	55990	15	75	0	21.33	19.33	0.086
16QAM	3692.5	56665	15	1	0	22.44	20.44	0.111
16QAM	3692.5	56665	15	1	37	22.53	20.53	0.113
16QAM	3692.5	56665	15	1	74	22.45	20.45	0.111
16QAM	3692.5	56665	15	36	0	21.31	19.31	0.085
16QAM	3692.5	56665	15	36	29	21.36	19.36	0.086
16QAM	3692.5	56665	15	36	30	21.25	19.25	0.084
16QAM	3692.5	56665	15	75	0	21.42	19.42	0.087
64QAM	3557.5	55315	15	1	0	22.61	20.61	0.115
64QAM	3557.5	55315	15	1	37	22.79	20.79	0.120
64QAM	3557.5	55315	15	1	74	22.78	20.78	0.120
64QAM	3557.5	55315	15	36	0	21.77	19.77	0.095
64QAM	3557.5	55315	15	36	29	21.85	19.85	0.097
64QAM	3557.5	55315	15	36	30	21.75	19.75	0.094
64QAM	3557.5	55315	15	75	0	21.91	19.91	0.098
64QAM	3625	55990	15	1	0	22.38	20.38	0.109
64QAM	3625	55990	15	1	37	22.45	20.45	0.111
64QAM	3625	55990	15	1	74	22.56	20.56	0.114
64QAM	3625	55990	15	36	0	21.38	19.38	0.087
64QAM	3625	55990	15	36	29	21.38	19.38	0.087
64QAM	3625	55990	15	36	30	21.37	19.37	0.086
64QAM	3625	55990	15	75	0	21.35	19.35	0.086
64QAM	3692.5	56665	15	1	0	22.31	20.31	0.107
64QAM	3692.5	56665	15	1	37	22.36	20.36	0.109
64QAM	3692.5	56665	15	1	74	22.49	20.49	0.112
64QAM	3692.5	56665	15	36	0	21.22	19.22	0.084
64QAM	3692.5	56665	15	36	29	21.24	19.24	0.084
64QAM	3692.5	56665	15	36	30	21.26	19.26	0.084
64QAM	3692.5	56665	15	75	0	21.41	19.41	0.087

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3560	55340	20	1	0	23.73	21.73	0.149
QPSK	3560	55340	20	1	49	23.65	21.65	0.146
QPSK	3560	55340	20	1	99	23.81	21.81	0.152
QPSK	3560	55340	20	50	0	22.76	20.76	0.119
QPSK	3560	55340	20	50	24	22.86	20.86	0.122
QPSK	3560	55340	20	50	50	22.90	20.90	0.123
QPSK	3560	55340	20	100	0	22.93	20.93	0.124
QPSK	3625	55990	20	1	0	23.26	21.26	0.134
QPSK	3625	55990	20	1	49	23.18	21.18	0.131
QPSK	3625	55990	20	1	99	23.25	21.25	0.133
QPSK	3625	55990	20	50	0	22.29	20.29	0.107
QPSK	3625	55990	20	50	24	22.39	20.39	0.109
QPSK	3625	55990	20	50	50	22.45	20.45	0.111
QPSK	3625	55990	20	100	0	22.38	20.38	0.109
QPSK	3690	56640	20	1	0	23.28	21.28	0.134
QPSK	3690	56640	20	1	49	23.21	21.21	0.132
QPSK	3690	56640	20	1	99	23.30	21.30	0.135
QPSK	3690	56640	20	50	0	22.29	20.29	0.107
QPSK	3690	56640	20	50	24	22.25	20.25	0.106
QPSK	3690	56640	20	50	50	22.27	20.27	0.106
QPSK	3690	56640	20	100	0	22.43	20.43	0.110

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3560	55340	20	1	0	23.11	21.11	0.129
16QAM	3560	55340	20	1	49	22.86	20.86	0.122
16QAM	3560	55340	20	1	99	23.05	21.05	0.127
16QAM	3560	55340	20	50	0	21.89	19.89	0.097
16QAM	3560	55340	20	50	24	21.85	19.85	0.097
16QAM	3560	55340	20	50	50	21.91	19.91	0.098
16QAM	3560	55340	20	100	0	21.85	19.85	0.097
16QAM	3625	55990	20	1	0	22.59	20.59	0.115
16QAM	3625	55990	20	1	49	22.46	20.46	0.111
16QAM	3625	55990	20	1	99	22.54	20.54	0.113
16QAM	3625	55990	20	50	0	21.38	19.38	0.087
16QAM	3625	55990	20	50	24	21.38	19.38	0.087
16QAM	3625	55990	20	50	50	21.45	19.45	0.088
16QAM	3625	55990	20	100	0	21.43	19.43	0.088
16QAM	3690	56640	20	1	0	22.52	20.52	0.113
16QAM	3690	56640	20	1	49	22.53	20.53	0.113
16QAM	3690	56640	20	1	99	22.44	20.44	0.111
16QAM	3690	56640	20	50	0	21.38	19.38	0.087
16QAM	3690	56640	20	50	24	21.45	19.45	0.088
16QAM	3690	56640	20	50	50	21.36	19.36	0.086
16QAM	3690	56640	20	100	0	21.32	19.32	0.086
64QAM	3560	55340	20	1	0	22.83	20.83	0.121
64QAM	3560	55340	20	1	49	22.77	20.77	0.119
64QAM	3560	55340	20	1	99	22.97	20.97	0.125
64QAM	3560	55340	20	50	0	21.70	19.70	0.093
64QAM	3560	55340	20	50	24	21.89	19.89	0.097
64QAM	3560	55340	20	50	50	21.90	19.90	0.098
64QAM	3560	55340	20	100	0	21.98	19.98	0.100
64QAM	3625	55990	20	1	0	22.34	20.34	0.108
64QAM	3625	55990	20	1	49	22.46	20.46	0.111
64QAM	3625	55990	20	1	99	22.32	20.32	0.108
64QAM	3625	55990	20	50	0	21.25	19.25	0.084
64QAM	3625	55990	20	50	24	21.35	19.35	0.086
64QAM	3625	55990	20	50	50	21.31	19.31	0.085
64QAM	3625	55990	20	100	0	21.41	19.41	0.087
64QAM	3690	56640	20	1	0	22.50	20.50	0.112
64QAM	3690	56640	20	1	49	22.38	20.38	0.109
64QAM	3690	56640	20	1	99	22.47	20.47	0.111
64QAM	3690	56640	20	50	0	21.22	19.22	0.084
64QAM	3690	56640	20	50	24	21.39	19.39	0.087
64QAM	3690	56640	20	50	50	21.31	19.31	0.085
64QAM	3690	56640	20	100	0	21.35	19.35	0.086