

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

For LTE Band 48 , The test data in the report is the result of ant 3

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	23.99
QPSK	3552.5	55265	5	1	12	23.96
QPSK	3552.5	55265	5	1	24	24.02
QPSK	3552.5	55265	5	12	0	23.20
QPSK	3552.5	55265	5	12	7	23.22
QPSK	3552.5	55265	5	12	13	23.22
QPSK	3552.5	55265	5	25	0	23.26
QPSK	3625	55990	5	1	0	23.26
QPSK	3625	55990	5	1	12	23.25
QPSK	3625	55990	5	1	24	23.12
QPSK	3625	55990	5	12	0	22.35
QPSK	3625	55990	5	12	7	22.35
QPSK	3625	55990	5	12	13	22.25
QPSK	3625	55990	5	25	0	22.31
QPSK	3697.5	56715	5	1	0	23.58
QPSK	3697.5	56715	5	1	12	23.62
QPSK	3697.5	56715	5	1	24	23.57
QPSK	3697.5	56715	5	12	0	22.75
QPSK	3697.5	56715	5	12	7	22.73
QPSK	3697.5	56715	5	12	13	22.71
QPSK	3697.5	56715	5	25	0	22.80

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3552.5	55265	5	1	0	23.12
16QAM	3552.5	55265	5	1	12	23.17
16QAM	3552.5	55265	5	1	24	23.07
16QAM	3552.5	55265	5	12	0	22.15
16QAM	3552.5	55265	5	12	7	22.16
16QAM	3552.5	55265	5	12	13	22.08
16QAM	3552.5	55265	5	25	0	22.11
16QAM	3625	55990	5	1	0	22.48
16QAM	3625	55990	5	1	12	22.41
16QAM	3625	55990	5	1	24	22.37
16QAM	3625	55990	5	12	0	21.27
16QAM	3625	55990	5	12	7	21.47
16QAM	3625	55990	5	12	13	21.36
16QAM	3625	55990	5	25	0	21.32
16QAM	3697.5	56715	5	1	0	22.99
16QAM	3697.5	56715	5	1	12	22.85
16QAM	3697.5	56715	5	1	24	22.78
16QAM	3697.5	56715	5	12	0	21.75
16QAM	3697.5	56715	5	12	7	21.74
16QAM	3697.5	56715	5	12	13	21.81
16QAM	3697.5	56715	5	25	0	21.89
64QAM	3552.5	55265	5	1	0	23.03
64QAM	3552.5	55265	5	1	12	22.99
64QAM	3552.5	55265	5	1	24	23.25
64QAM	3552.5	55265	5	12	0	22.07
64QAM	3552.5	55265	5	12	7	22.20
64QAM	3552.5	55265	5	12	13	22.12
64QAM	3552.5	55265	5	25	0	22.10
64QAM	3625	55990	5	1	0	22.42
64QAM	3625	55990	5	1	12	22.37
64QAM	3625	55990	5	1	24	22.42
64QAM	3625	55990	5	12	0	21.42
64QAM	3625	55990	5	12	7	21.24
64QAM	3625	55990	5	12	13	21.21
64QAM	3625	55990	5	25	0	21.24
64QAM	3697.5	56715	5	1	0	22.70
64QAM	3697.5	56715	5	1	12	22.70
64QAM	3697.5	56715	5	1	24	22.84
64QAM	3697.5	56715	5	12	0	21.81
64QAM	3697.5	56715	5	12	7	21.71
64QAM	3697.5	56715	5	12	13	21.78
64QAM	3697.5	56715	5	25	0	21.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3555	55290	10	1	0	24.00
QPSK	3555	55290	10	1	25	24.12
QPSK	3555	55290	10	1	49	24.08
QPSK	3555	55290	10	25	0	23.20
QPSK	3555	55290	10	25	12	23.20
QPSK	3555	55290	10	25	25	23.25
QPSK	3555	55290	10	50	0	23.42
QPSK	3625	55990	10	1	0	23.30
QPSK	3625	55990	10	1	25	23.19
QPSK	3625	55990	10	1	49	23.40
QPSK	3625	55990	10	25	0	22.35
QPSK	3625	55990	10	25	12	22.52
QPSK	3625	55990	10	25	25	22.33
QPSK	3625	55990	10	50	0	22.48
QPSK	3695	56690	10	1	0	23.68
QPSK	3695	56690	10	1	25	23.73
QPSK	3695	56690	10	1	49	23.62
QPSK	3695	56690	10	25	0	22.81
QPSK	3695	56690	10	25	12	22.91
QPSK	3695	56690	10	25	25	22.80
QPSK	3695	56690	10	50	0	22.86

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3555	55290	10	1	0	23.10
16QAM	3555	55290	10	1	25	23.20
16QAM	3555	55290	10	1	49	23.25
16QAM	3555	55290	10	25	0	22.16
16QAM	3555	55290	10	25	12	22.23
16QAM	3555	55290	10	25	25	22.30
16QAM	3555	55290	10	50	0	22.30
16QAM	3625	55990	10	1	0	22.43
16QAM	3625	55990	10	1	25	22.58
16QAM	3625	55990	10	1	49	22.65
16QAM	3625	55990	10	25	0	21.52
16QAM	3625	55990	10	25	12	21.44
16QAM	3625	55990	10	25	25	21.35
16QAM	3625	55990	10	50	0	21.41
16QAM	3695	56690	10	1	0	22.97
16QAM	3695	56690	10	1	25	22.92
16QAM	3695	56690	10	1	49	22.92
16QAM	3695	56690	10	25	0	22.00
16QAM	3695	56690	10	25	12	21.81
16QAM	3695	56690	10	25	25	21.80
16QAM	3695	56690	10	50	0	21.89
64QAM	3555	55290	10	1	0	23.10
64QAM	3555	55290	10	1	25	23.15
64QAM	3555	55290	10	1	49	23.19
64QAM	3555	55290	10	25	0	22.18
64QAM	3555	55290	10	25	12	22.26
64QAM	3555	55290	10	25	25	22.23
64QAM	3555	55290	10	50	0	22.15
64QAM	3625	55990	10	1	0	22.46
64QAM	3625	55990	10	1	25	22.49
64QAM	3625	55990	10	1	49	22.53
64QAM	3625	55990	10	25	0	21.45
64QAM	3625	55990	10	25	12	21.37
64QAM	3625	55990	10	25	25	21.29
64QAM	3625	55990	10	50	0	21.35
64QAM	3695	56690	10	1	0	22.79
64QAM	3695	56690	10	1	25	22.78
64QAM	3695	56690	10	1	49	22.78
64QAM	3695	56690	10	25	0	21.74
64QAM	3695	56690	10	25	12	21.85
64QAM	3695	56690	10	25	25	21.93
64QAM	3695	56690	10	50	0	21.82

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3557.5	55315	15	1	0	23.88
QPSK	3557.5	55315	15	1	37	24.23
QPSK	3557.5	55315	15	1	74	24.46
QPSK	3557.5	55315	15	36	0	23.27
QPSK	3557.5	55315	15	36	29	23.40
QPSK	3557.5	55315	15	36	30	23.31
QPSK	3557.5	55315	15	75	0	23.33
QPSK	3625	55990	15	1	0	23.07
QPSK	3625	55990	15	1	37	23.29
QPSK	3625	55990	15	1	74	23.25
QPSK	3625	55990	15	36	0	22.43
QPSK	3625	55990	15	36	29	22.55
QPSK	3625	55990	15	36	30	22.55
QPSK	3625	55990	15	75	0	22.33
QPSK	3692.5	56665	15	1	0	23.86
QPSK	3692.5	56665	15	1	37	23.81
QPSK	3692.5	56665	15	1	74	23.73
QPSK	3692.5	56665	15	36	0	22.79
QPSK	3692.5	56665	15	36	29	22.98
QPSK	3692.5	56665	15	36	30	22.79
QPSK	3692.5	56665	15	75	0	22.77

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3557.5	55315	15	1	0	23.18
16QAM	3557.5	55315	15	1	37	23.27
16QAM	3557.5	55315	15	1	74	23.47
16QAM	3557.5	55315	15	36	0	22.09
16QAM	3557.5	55315	15	36	29	22.40
16QAM	3557.5	55315	15	36	30	22.40
16QAM	3557.5	55315	15	75	0	22.37
16QAM	3625	55990	15	1	0	22.32
16QAM	3625	55990	15	1	37	22.39
16QAM	3625	55990	15	1	74	22.61
16QAM	3625	55990	15	36	0	21.41
16QAM	3625	55990	15	36	29	21.36
16QAM	3625	55990	15	36	30	21.36
16QAM	3625	55990	15	75	0	21.57
16QAM	3692.5	56665	15	1	0	22.89
16QAM	3692.5	56665	15	1	37	23.10
16QAM	3692.5	56665	15	1	74	23.10
16QAM	3692.5	56665	15	36	0	21.94
16QAM	3692.5	56665	15	36	29	21.96
16QAM	3692.5	56665	15	36	30	21.85
16QAM	3692.5	56665	15	75	0	21.89
64QAM	3557.5	55315	15	1	0	23.08
64QAM	3557.5	55315	15	1	37	23.23
64QAM	3557.5	55315	15	1	74	23.43
64QAM	3557.5	55315	15	36	0	22.09
64QAM	3557.5	55315	15	36	29	22.31
64QAM	3557.5	55315	15	36	30	22.21
64QAM	3557.5	55315	15	75	0	22.27
64QAM	3625	55990	15	1	0	22.28
64QAM	3625	55990	15	1	37	22.29
64QAM	3625	55990	15	1	74	22.33
64QAM	3625	55990	15	36	0	21.32
64QAM	3625	55990	15	36	29	21.36
64QAM	3625	55990	15	36	30	21.36
64QAM	3625	55990	15	75	0	21.37
64QAM	3692.5	56665	15	1	0	22.80
64QAM	3692.5	56665	15	1	37	22.78
64QAM	3692.5	56665	15	1	74	22.89
64QAM	3692.5	56665	15	36	0	21.95
64QAM	3692.5	56665	15	36	29	21.96
64QAM	3692.5	56665	15	36	30	21.86
64QAM	3692.5	56665	15	75	0	21.88

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3560	55340	20	1	0	24.01
QPSK	3560	55340	20	1	49	24.22
QPSK	3560	55340	20	1	99	24.53
QPSK	3560	55340	20	50	0	23.45
QPSK	3560	55340	20	50	24	23.39
QPSK	3560	55340	20	50	50	23.65
QPSK	3560	55340	20	100	0	23.59
QPSK	3625	55990	20	1	0	23.23
QPSK	3625	55990	20	1	49	23.31
QPSK	3625	55990	20	1	99	23.37
QPSK	3625	55990	20	50	0	22.46
QPSK	3625	55990	20	50	24	22.31
QPSK	3625	55990	20	50	50	22.47
QPSK	3625	55990	20	100	0	22.29
QPSK	3690	56640	20	1	0	23.77
QPSK	3690	56640	20	1	49	23.90
QPSK	3690	56640	20	1	99	23.93
QPSK	3690	56640	20	50	0	22.94
QPSK	3690	56640	20	50	24	22.89
QPSK	3690	56640	20	50	50	23.03
QPSK	3690	56640	20	100	0	22.95

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3560	55340	20	1	0	23.07
16QAM	3560	55340	20	1	49	23.37
16QAM	3560	55340	20	1	99	23.54
16QAM	3560	55340	20	50	0	22.45
16QAM	3560	55340	20	50	24	22.51
16QAM	3560	55340	20	50	50	22.58
16QAM	3560	55340	20	100	0	22.53
16QAM	3625	55990	20	1	0	22.45
16QAM	3625	55990	20	1	49	22.45
16QAM	3625	55990	20	1	99	22.60
16QAM	3625	55990	20	50	0	21.51
16QAM	3625	55990	20	50	24	21.45
16QAM	3625	55990	20	50	50	21.61
16QAM	3625	55990	20	100	0	21.52
16QAM	3690	56640	20	1	0	23.06
16QAM	3690	56640	20	1	49	23.10
16QAM	3690	56640	20	1	99	22.96
16QAM	3690	56640	20	50	0	21.86
16QAM	3690	56640	20	50	24	21.92
16QAM	3690	56640	20	50	50	22.07
16QAM	3690	56640	20	100	0	22.07
64QAM	3560	55340	20	1	0	23.07
64QAM	3560	55340	20	1	49	23.39
64QAM	3560	55340	20	1	99	23.47
64QAM	3560	55340	20	50	0	22.28
64QAM	3560	55340	20	50	24	22.41
64QAM	3560	55340	20	50	50	22.58
64QAM	3560	55340	20	100	0	22.51
64QAM	3625	55990	20	1	0	22.31
64QAM	3625	55990	20	1	49	22.52
64QAM	3625	55990	20	1	99	22.39
64QAM	3625	55990	20	50	0	21.44
64QAM	3625	55990	20	50	24	21.49
64QAM	3625	55990	20	50	50	21.55
64QAM	3625	55990	20	100	0	21.54
64QAM	3690	56640	20	1	0	22.70
64QAM	3690	56640	20	1	49	22.88
64QAM	3690	56640	20	1	99	23.01
64QAM	3690	56640	20	50	0	21.90
64QAM	3690	56640	20	50	24	21.87
64QAM	3690	56640	20	50	50	22.00
64QAM	3690	56640	20	100	0	21.90

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	4.470	Fig.1
48	QPSK	3625	55990	5	25	0	4.475	Fig.2
48	QPSK	3697.5	56715	5	25	0	4.428	Fig.3
48	QPSK	3555	55290	10	50	0	8.861	Fig.4
48	QPSK	3625	55990	10	50	0	8.917	Fig.5
48	QPSK	3695	56690	10	50	0	8.851	Fig.6
48	QPSK	3557.5	55315	15	75	0	13.223	Fig.7
48	QPSK	3625	55990	15	75	0	13.349	Fig.8
48	QPSK	3692.5	56665	15	75	0	13.342	Fig.9
48	QPSK	3560	55340	20	100	0	17.782	Fig.10
48	QPSK	3625	55990	20	100	0	17.757	Fig.11
48	QPSK	3690	56640	20	100	0	17.857	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	4.440	Fig.13
48	16QAM	3625	55990	5	25	0	4.430	Fig.14
48	16QAM	3697.5	56715	5	25	0	4.469	Fig.15
48	16QAM	3555	55290	10	50	0	8.953	Fig.16
48	16QAM	3625	55990	10	50	0	8.893	Fig.17
48	16QAM	3695	56690	10	50	0	8.894	Fig.18
48	16QAM	3557.5	55315	15	75	0	13.404	Fig.19
48	16QAM	3625	55990	15	75	0	13.188	Fig.20
48	16QAM	3692.5	56665	15	75	0	13.390	Fig.21
48	16QAM	3560	55340	20	100	0	17.755	Fig.22
48	16QAM	3625	55990	20	100	0	17.772	Fig.23
48	16QAM	3690	56640	20	100	0	17.753	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	4.459	Fig.25
48	64QAM	3625	55990	5	25	0	4.396	Fig.26
48	64QAM	3697.5	56715	5	25	0	4.474	Fig.27
48	64QAM	3555	55290	10	50	0	8.872	Fig.28
48	64QAM	3625	55990	10	50	0	8.888	Fig.29
48	64QAM	3695	56690	10	50	0	8.909	Fig.30
48	64QAM	3557.5	55315	15	75	0	13.376	Fig.31
48	64QAM	3625	55990	15	75	0	13.423	Fig.32
48	64QAM	3692.5	56665	15	75	0	13.204	Fig.33
48	64QAM	3560	55340	20	100	0	17.822	Fig.34
48	64QAM	3625	55990	20	100	0	17.658	Fig.35
48	64QAM	3690	56640	20	100	0	17.825	Fig.36

Test Mode: QPSK

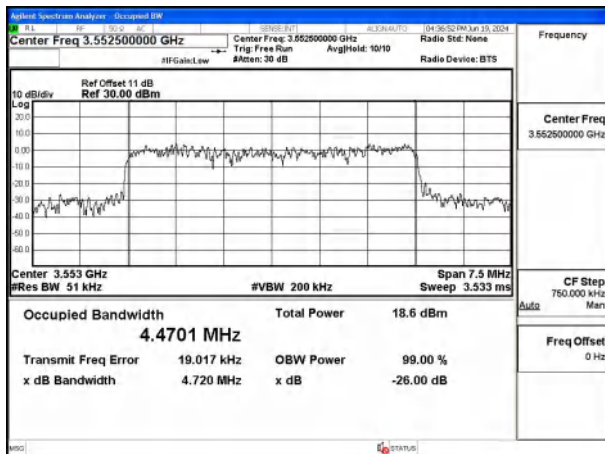


Fig.1

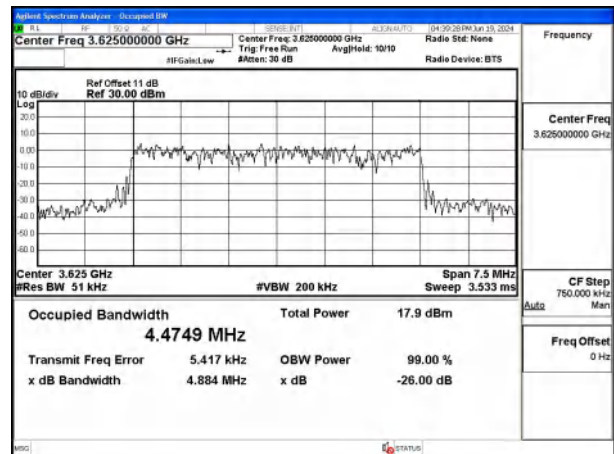


Fig.2

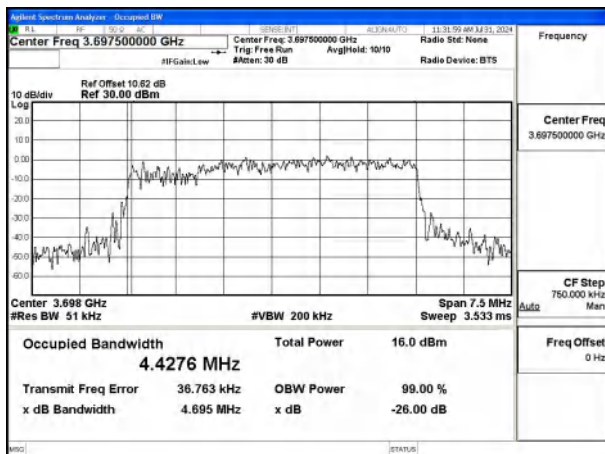


Fig.3

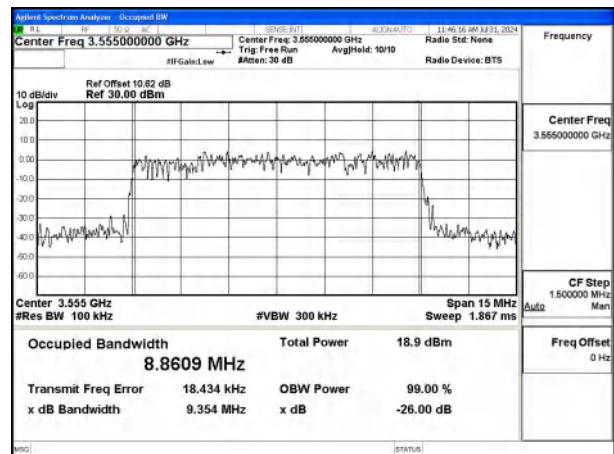


Fig.4

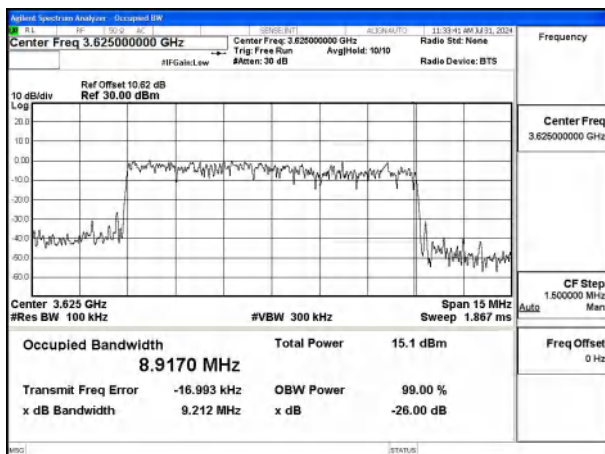


Fig.5

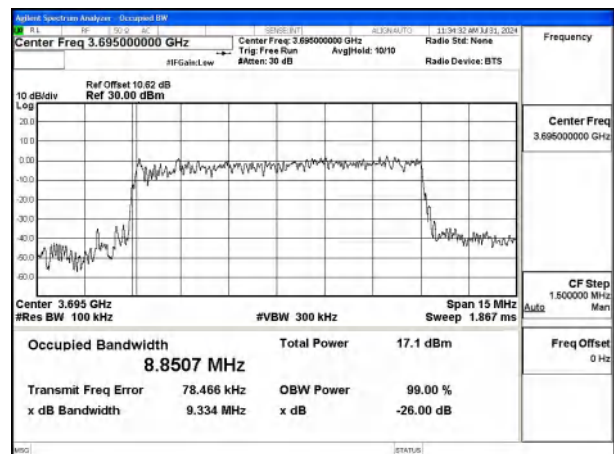


Fig.6

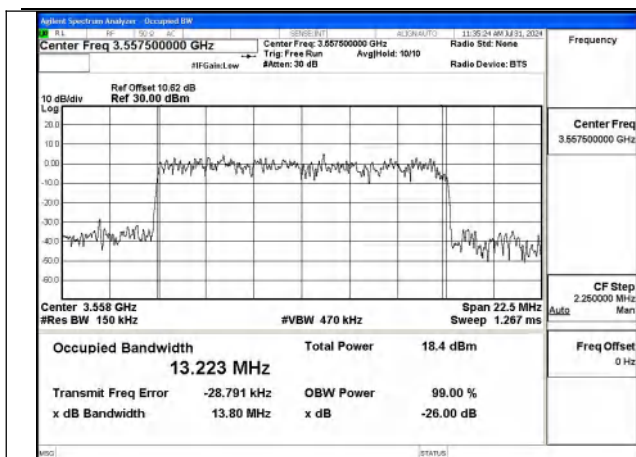


Fig.7

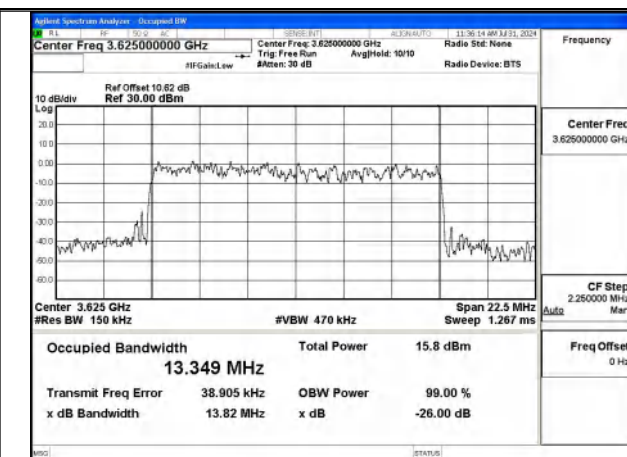


Fig.8



Fig.9

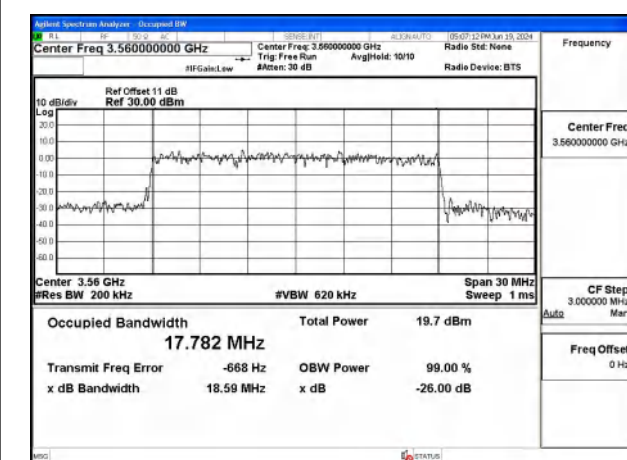


Fig.10

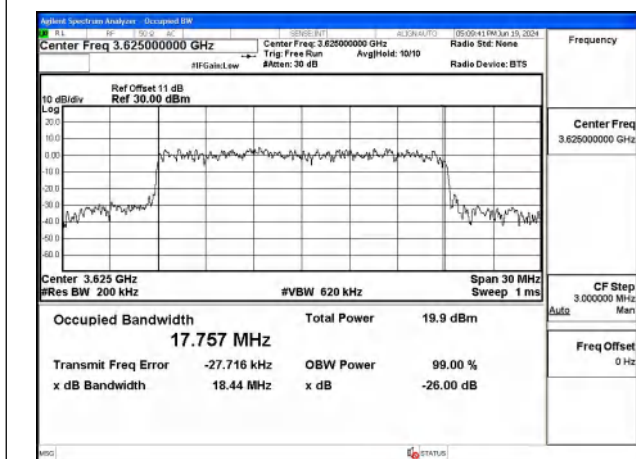


Fig.11

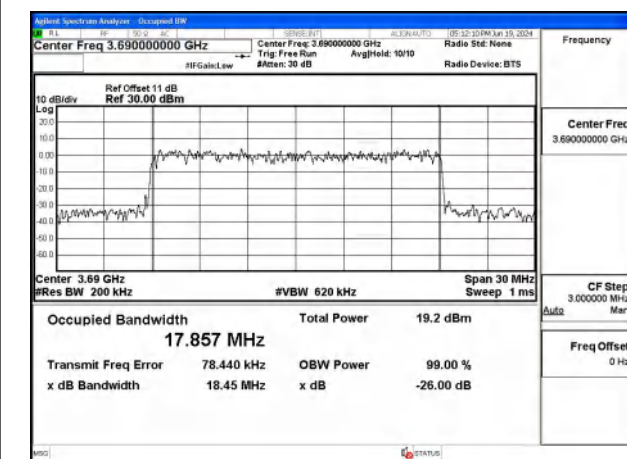


Fig.12

Test Mode: 16QAM

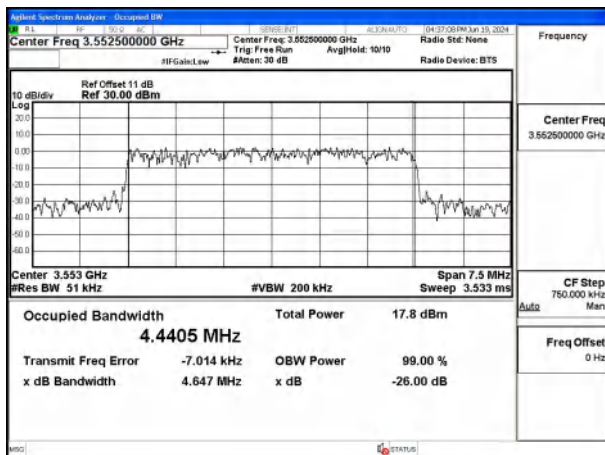


Fig.13

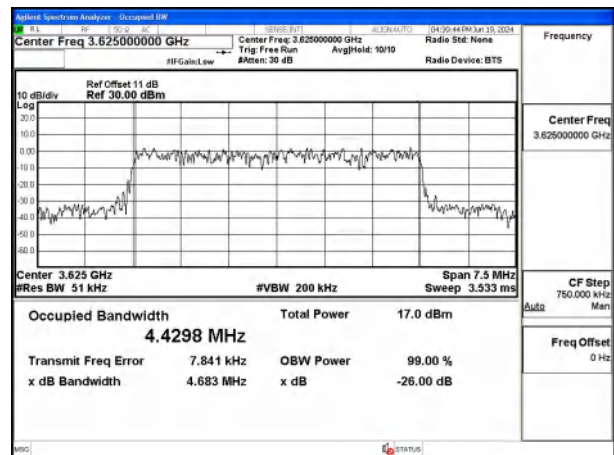


Fig.14

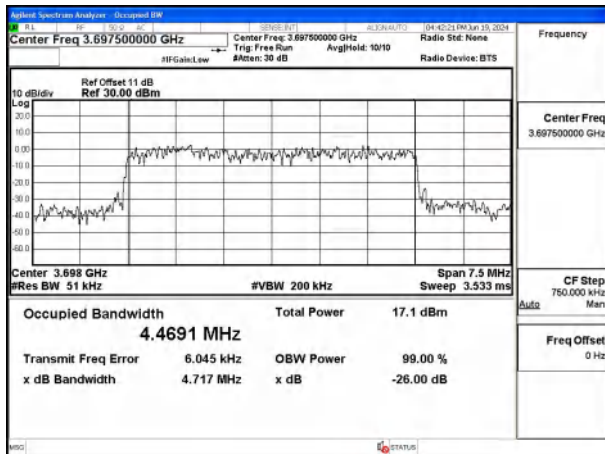


Fig.15

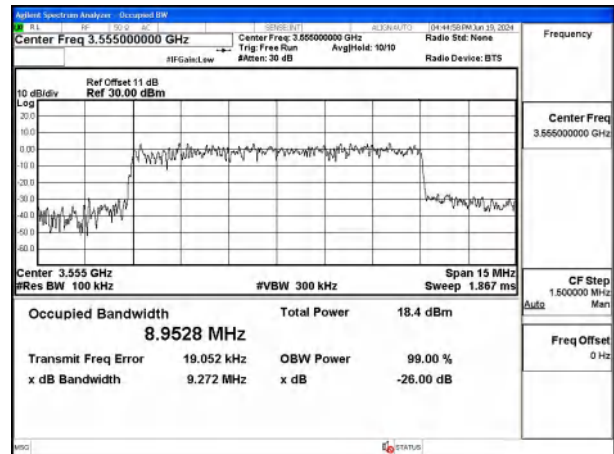


Fig.16

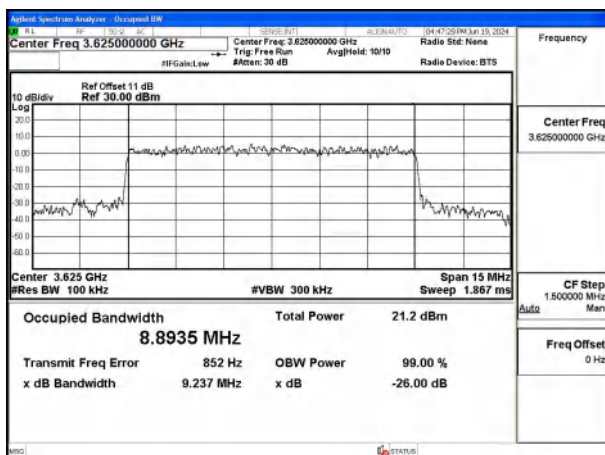


Fig.17

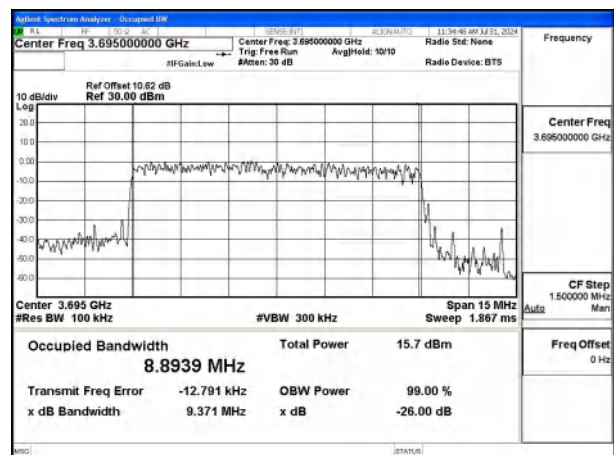


Fig.18

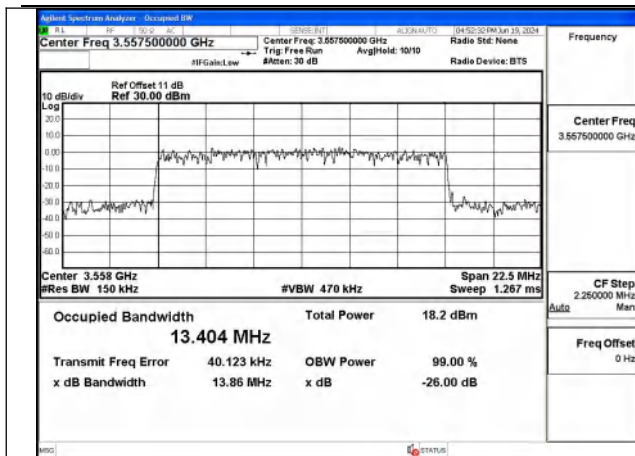


Fig.19

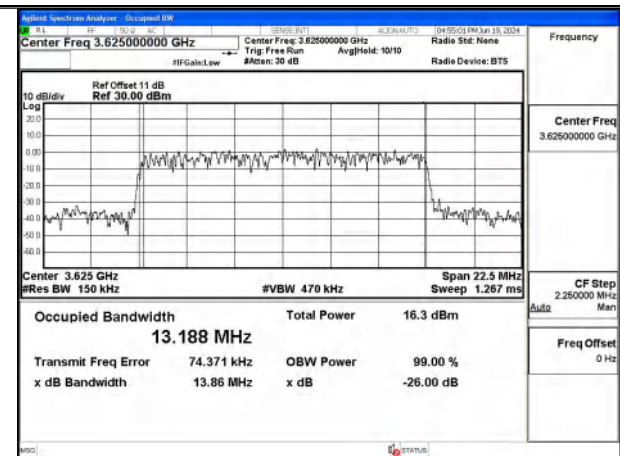


Fig.20

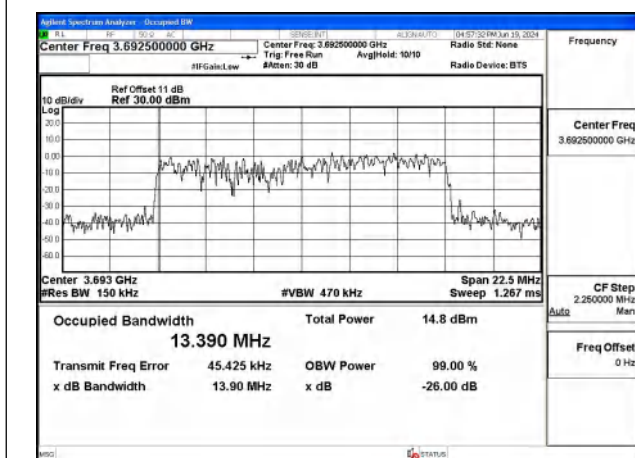


Fig.21

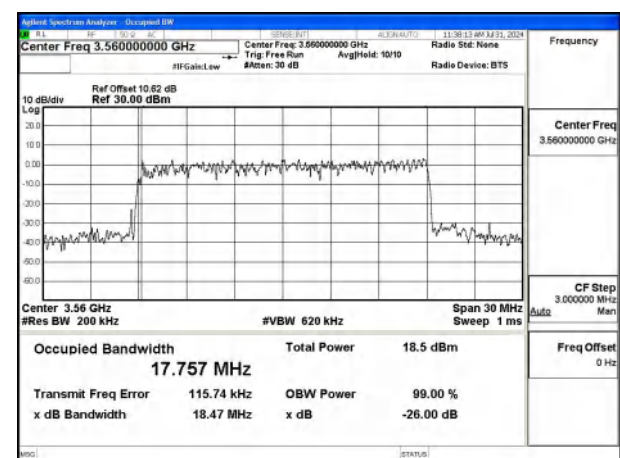


Fig.22

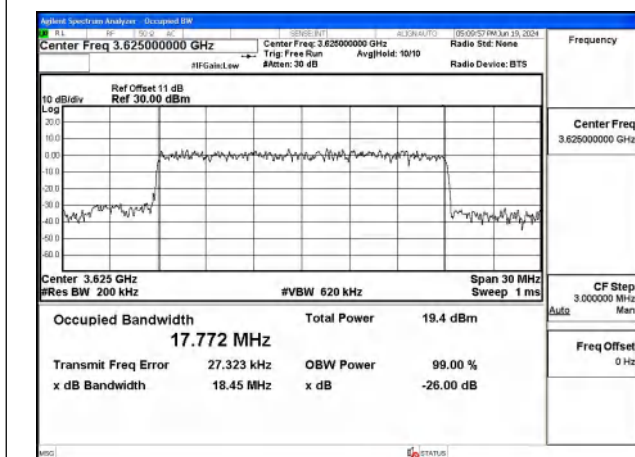


Fig.23

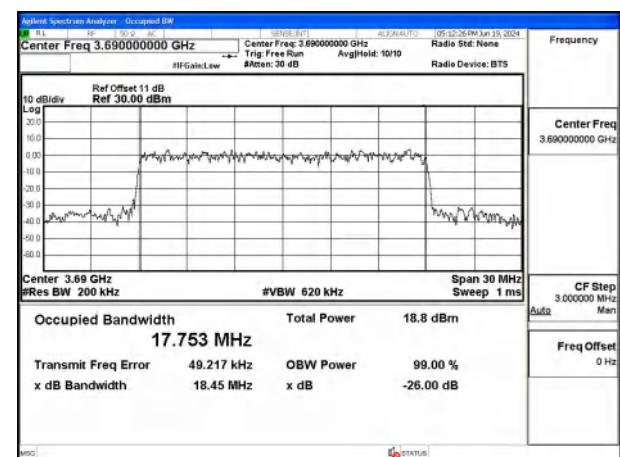


Fig.24

Test Mode: 64QAM

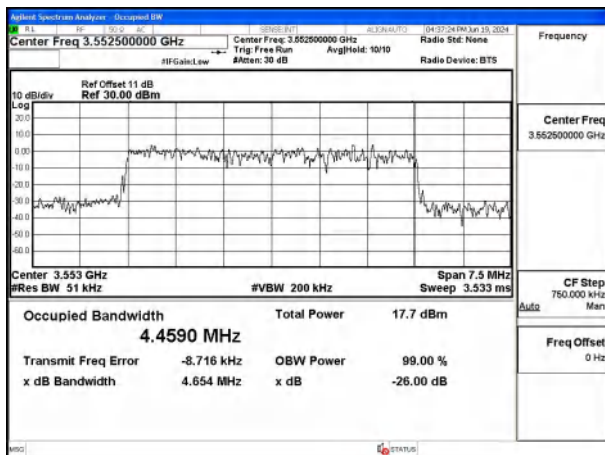


Fig.25

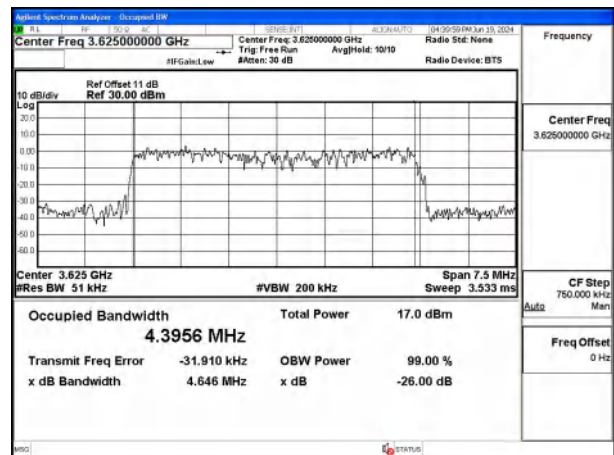


Fig.26

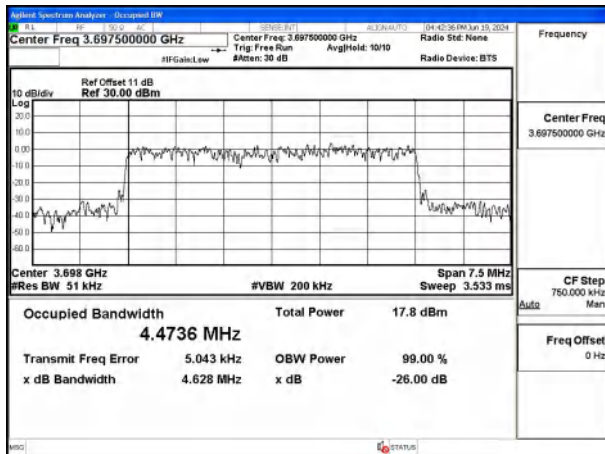


Fig.27

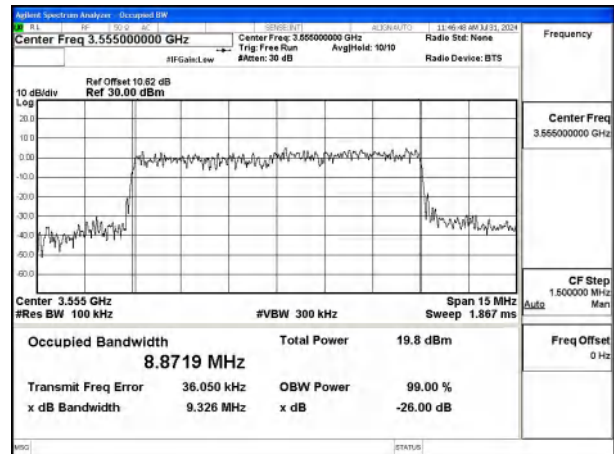


Fig.28

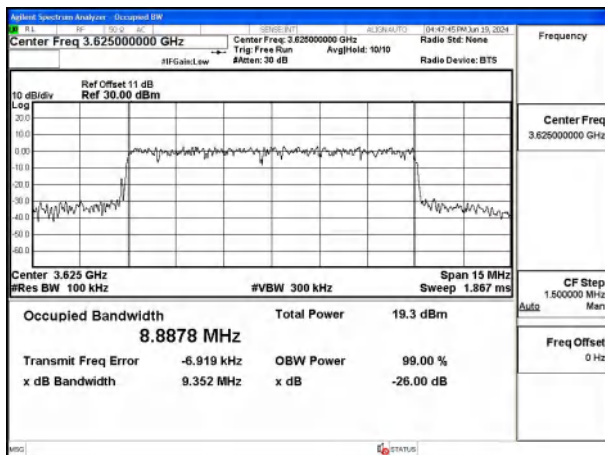


Fig.29

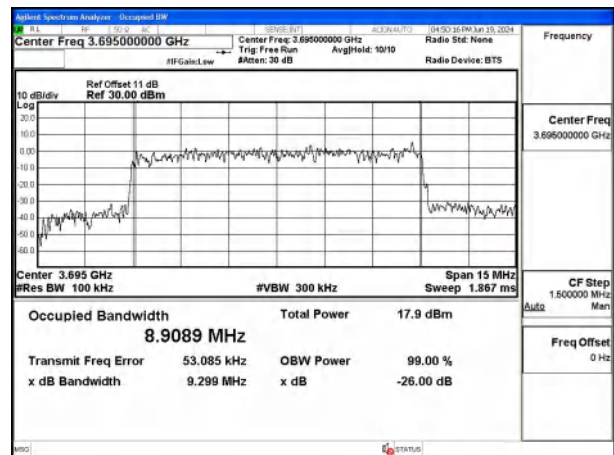


Fig.30

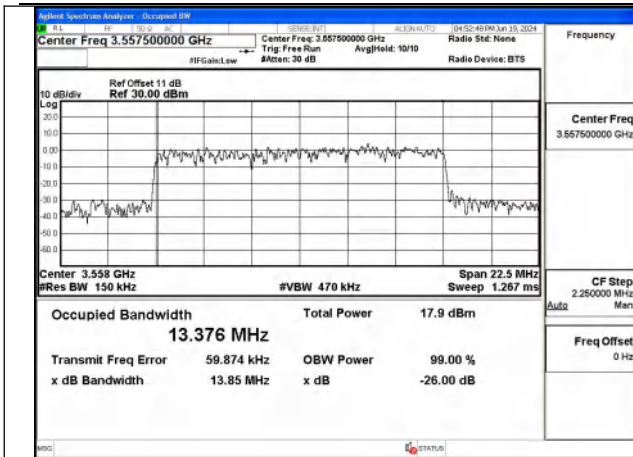


Fig.31

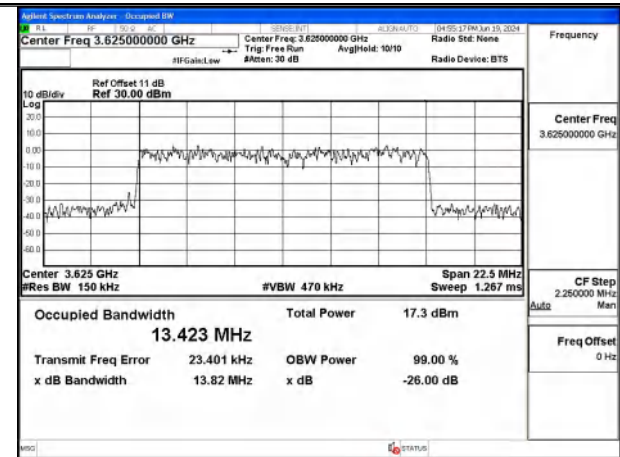


Fig.32

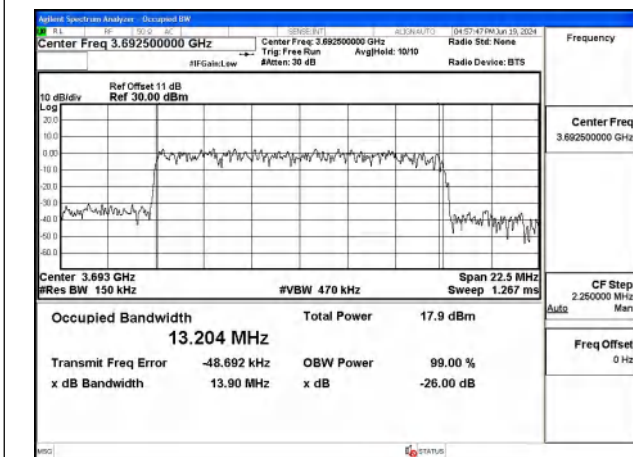


Fig.33

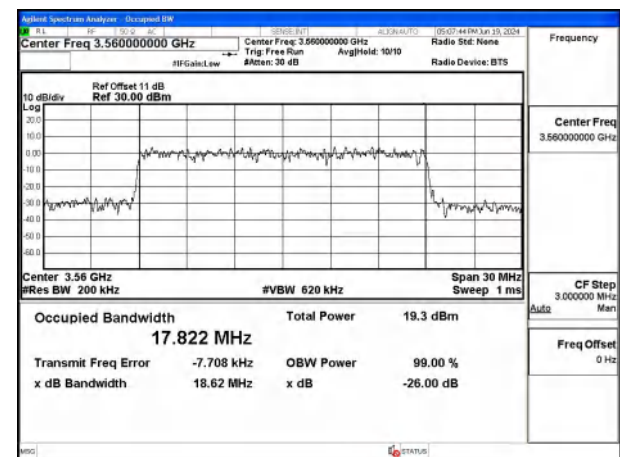


Fig.34

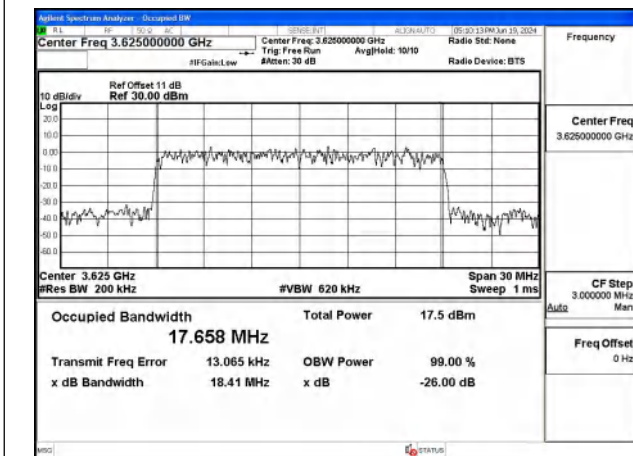


Fig.35

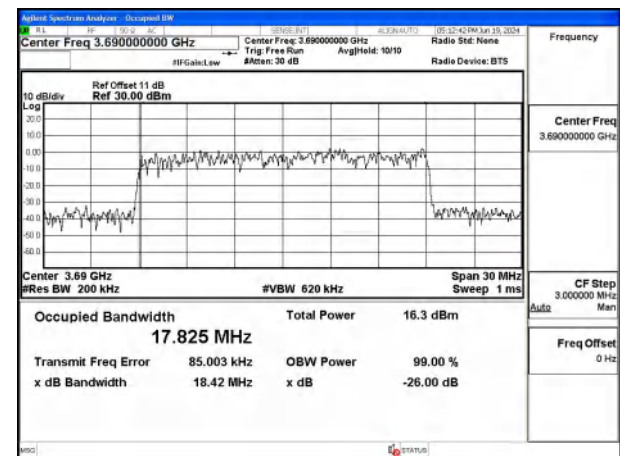


Fig.36

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	4.720	Fig.1
48	QPSK	3625	55990	5	25	0	4.884	Fig.2
48	QPSK	3697.5	56715	5	25	0	4.695	Fig.3
48	QPSK	3555	55290	10	50	0	9.354	Fig.4
48	QPSK	3625	55990	10	50	0	9.212	Fig.5
48	QPSK	3695	56690	10	50	0	9.334	Fig.6
48	QPSK	3557.5	55315	15	75	0	13.801	Fig.7
48	QPSK	3625	55990	15	75	0	13.825	Fig.8
48	QPSK	3692.5	56665	15	75	0	13.890	Fig.9
48	QPSK	3560	55340	20	100	0	18.591	Fig.10
48	QPSK	3625	55990	20	100	0	18.444	Fig.11
48	QPSK	3690	56640	20	100	0	18.455	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	4.647	Fig.13
48	16QAM	3625	55990	5	25	0	4.683	Fig.14
48	16QAM	3697.5	56715	5	25	0	4.717	Fig.15
48	16QAM	3555	55290	10	50	0	9.272	Fig.16
48	16QAM	3625	55990	10	50	0	9.237	Fig.17
48	16QAM	3695	56690	10	50	0	9.371	Fig.18
48	16QAM	3557.5	55315	15	75	0	13.862	Fig.19
48	16QAM	3625	55990	15	75	0	13.855	Fig.20
48	16QAM	3692.5	56665	15	75	0	13.900	Fig.21
48	16QAM	3560	55340	20	100	0	18.353	Fig.22
48	16QAM	3625	55990	20	100	0	18.447	Fig.23
48	16QAM	3690	56640	20	100	0	18.448	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	4.654	Fig.25
48	64QAM	3625	55990	5	25	0	4.646	Fig.26
48	64QAM	3697.5	56715	5	25	0	4.628	Fig.27
48	64QAM	3555	55290	10	50	0	9.326	Fig.28
48	64QAM	3625	55990	10	50	0	9.352	Fig.29
48	64QAM	3695	56690	10	50	0	9.299	Fig.30
48	64QAM	3557.5	55315	15	75	0	13.845	Fig.31
48	64QAM	3625	55990	15	75	0	13.822	Fig.32
48	64QAM	3692.5	56665	15	75	0	13.897	Fig.33
48	64QAM	3560	55340	20	100	0	18.618	Fig.34
48	64QAM	3625	55990	20	100	0	18.409	Fig.35
48	64QAM	3690	56640	20	100	0	18.419	Fig.36

Test Mode: QPSK

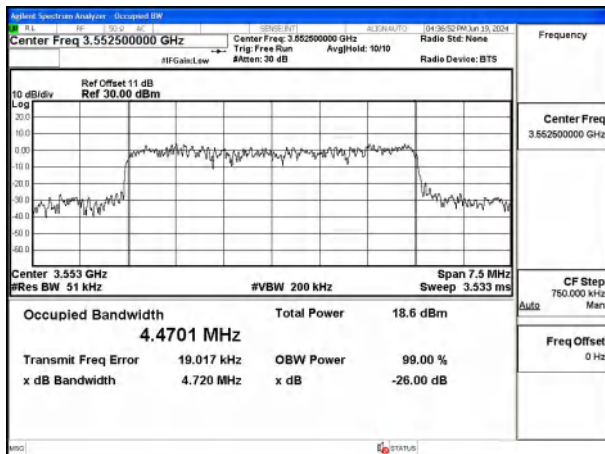


Fig.1

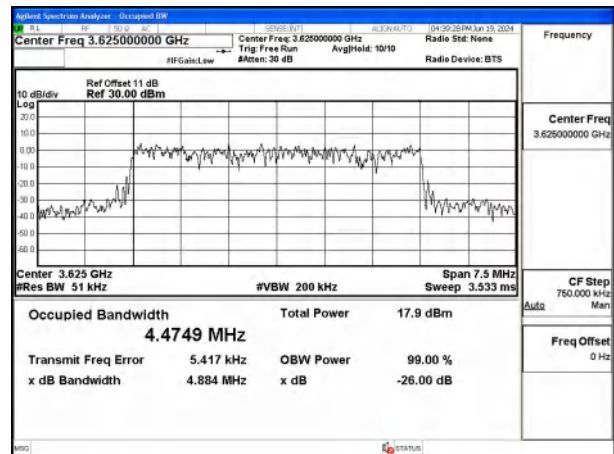


Fig.2

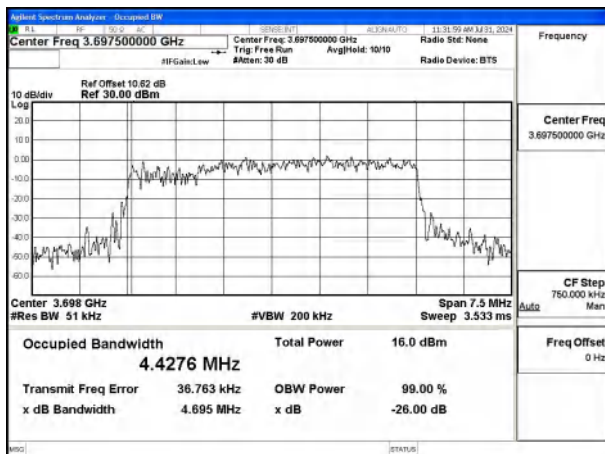


Fig.3

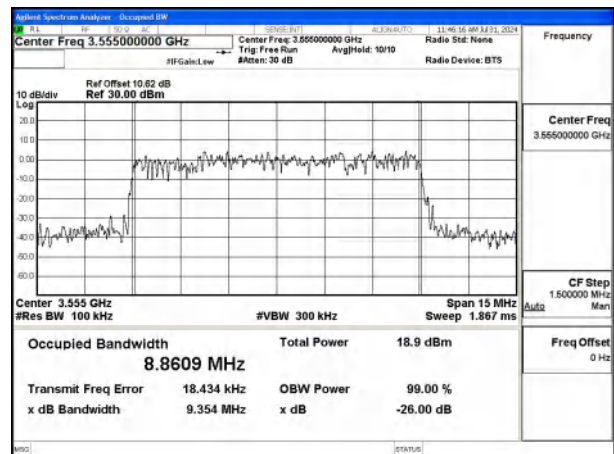


Fig.4

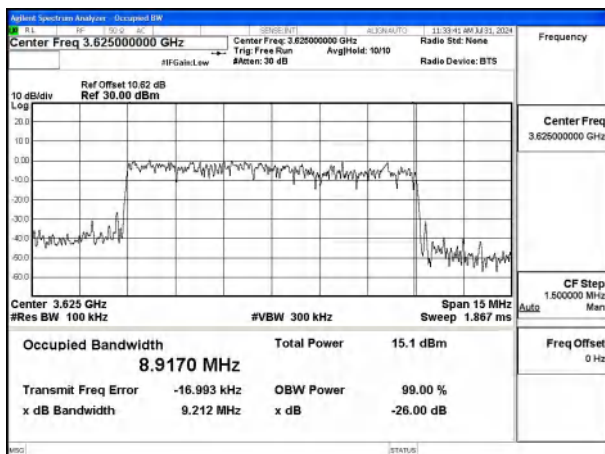


Fig.5

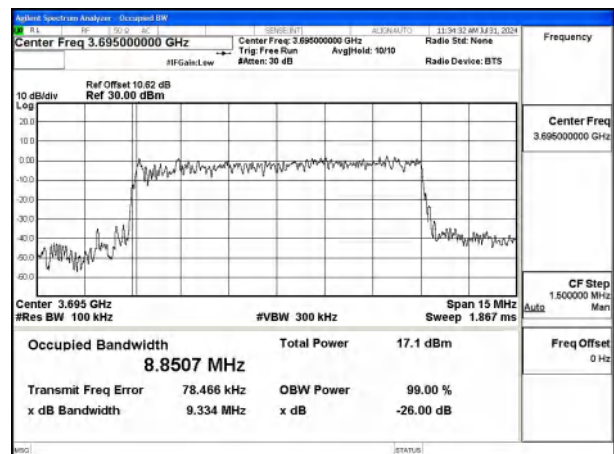


Fig.6

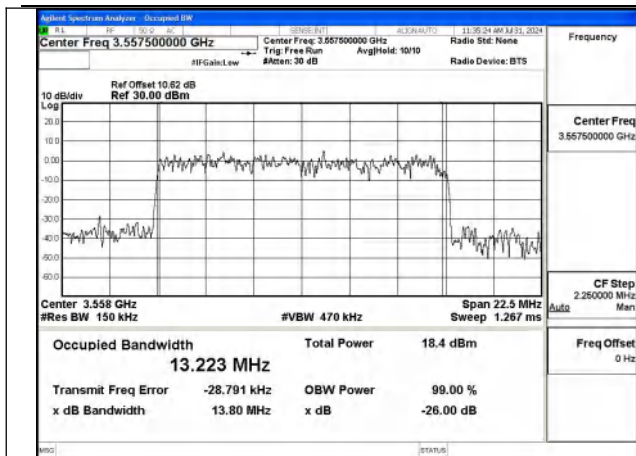


Fig.7

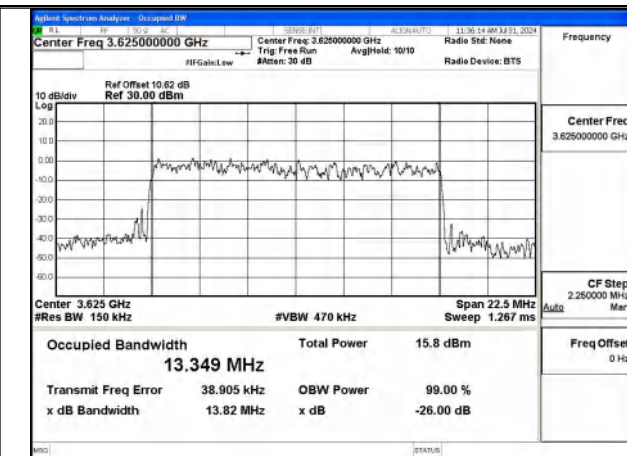


Fig.8

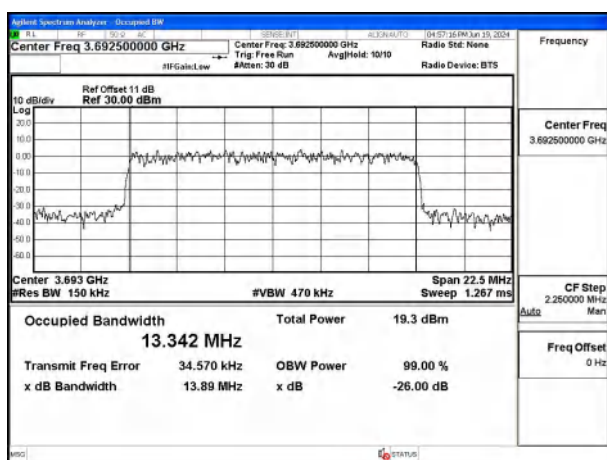


Fig.9

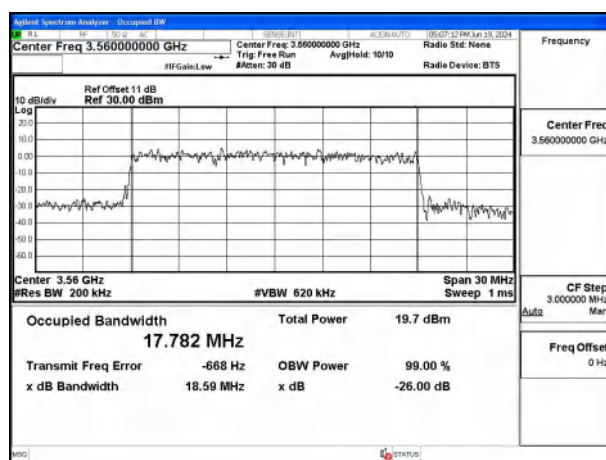


Fig.10

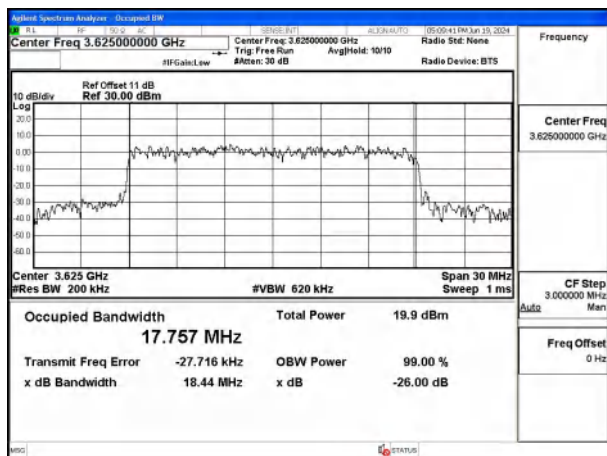


Fig.11

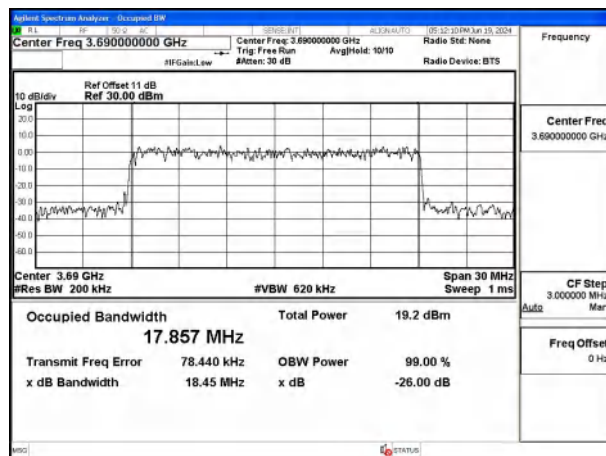


Fig.12

Test Mode: 16QAM

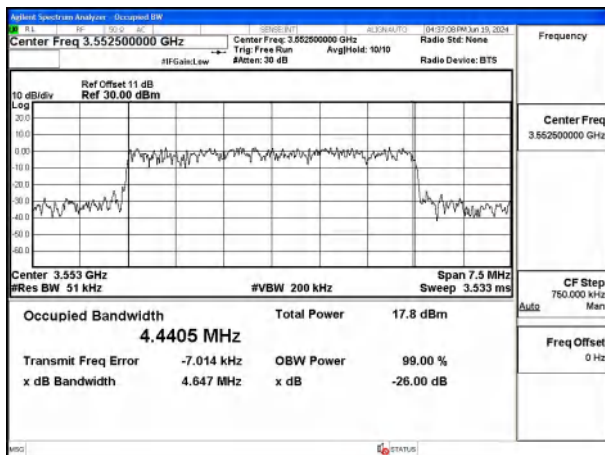


Fig.13

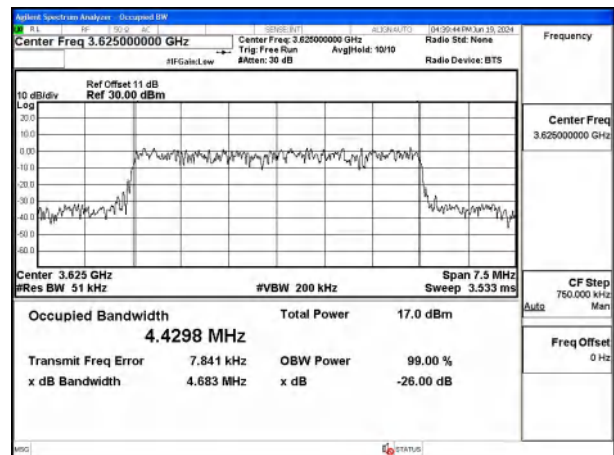


Fig.14

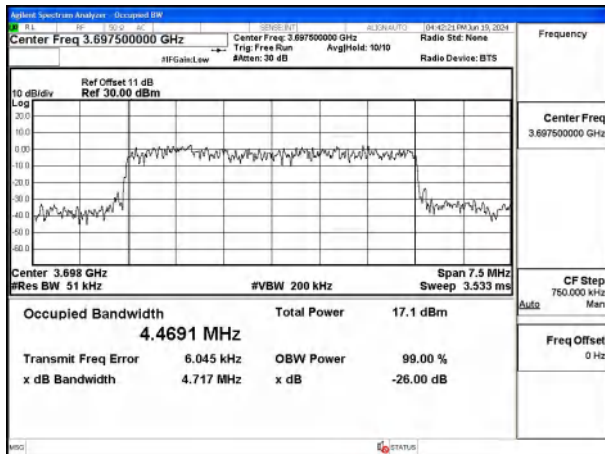


Fig.15

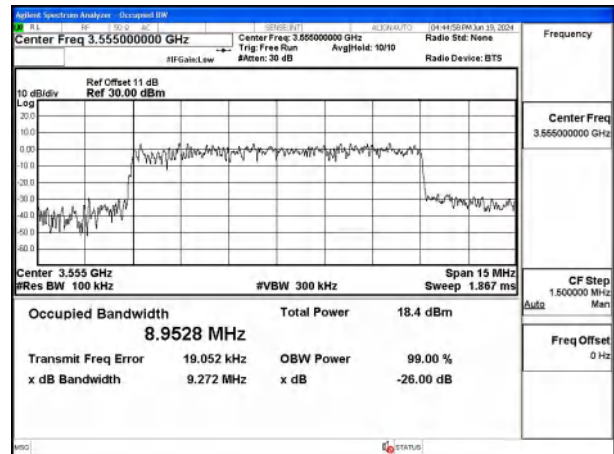


Fig.16

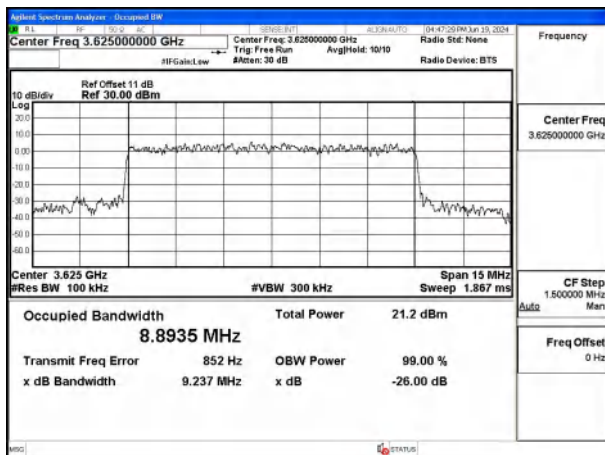


Fig.17

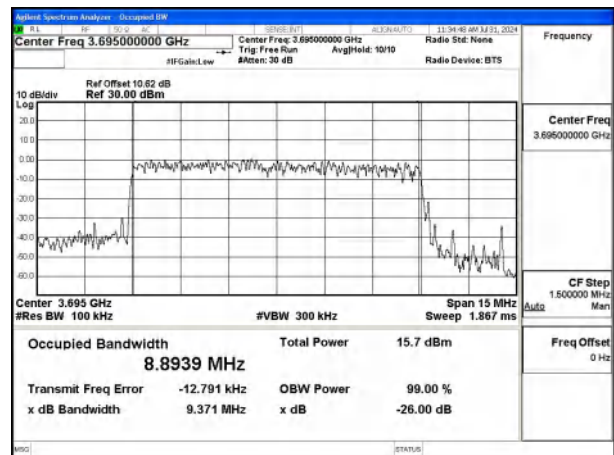


Fig.18

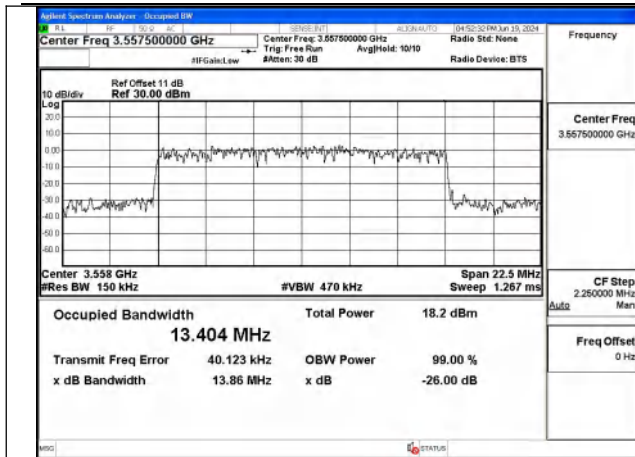


Fig.19

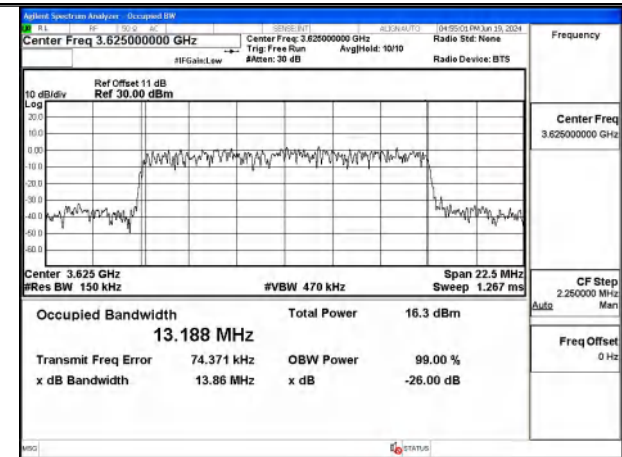


Fig.20

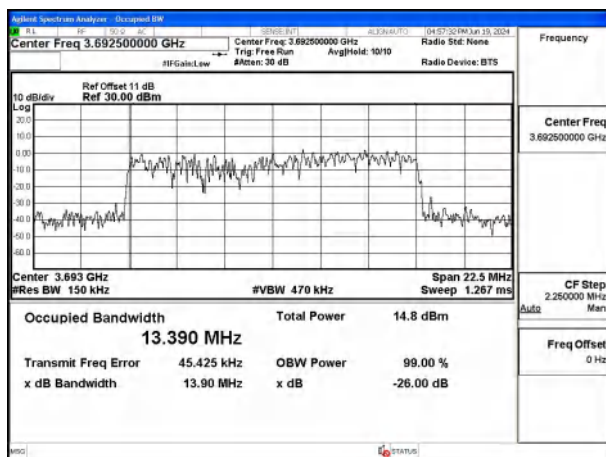


Fig.21

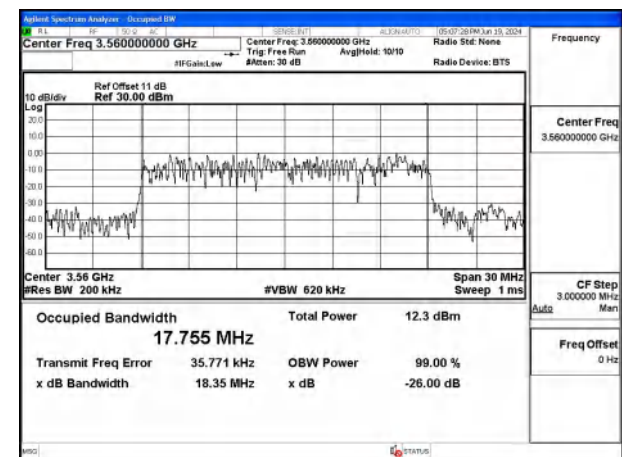


Fig.22

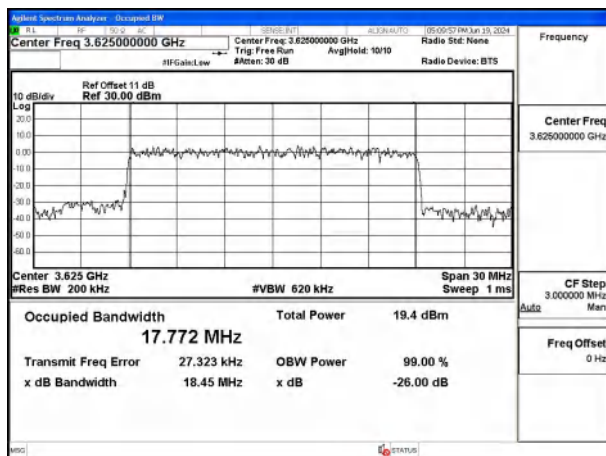


Fig.23

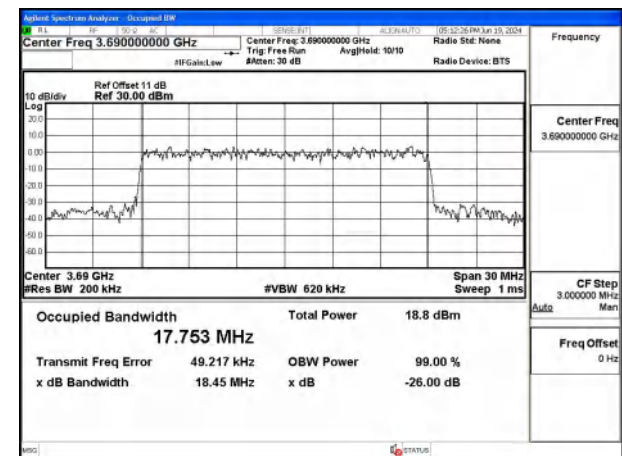


Fig.24

Test Mode: 64QAM

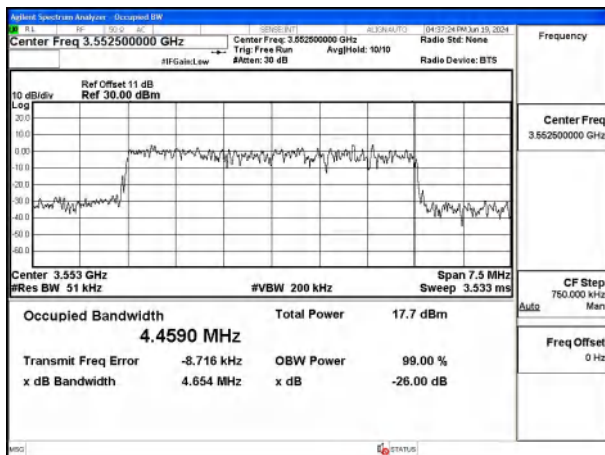


Fig.25

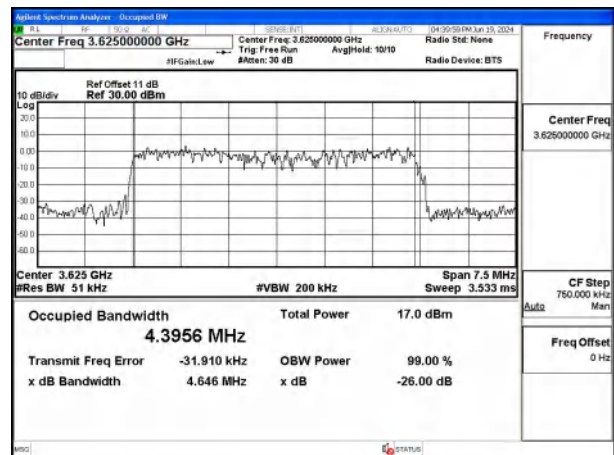


Fig.26

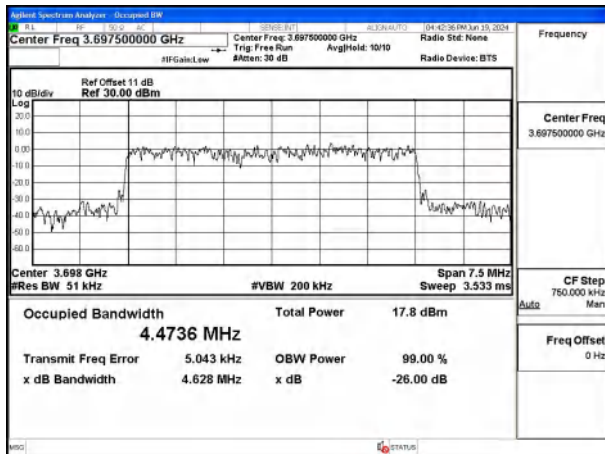


Fig.27

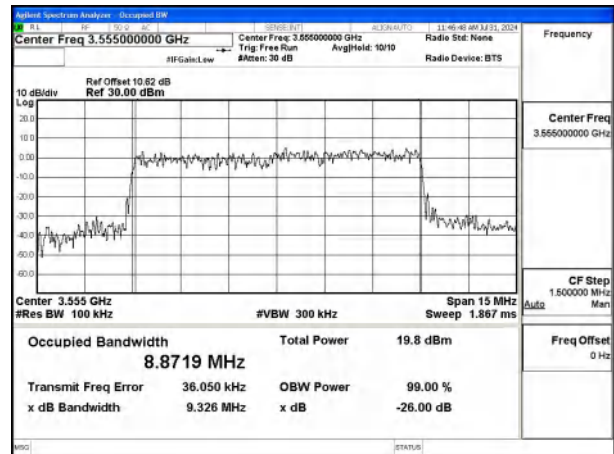


Fig.28

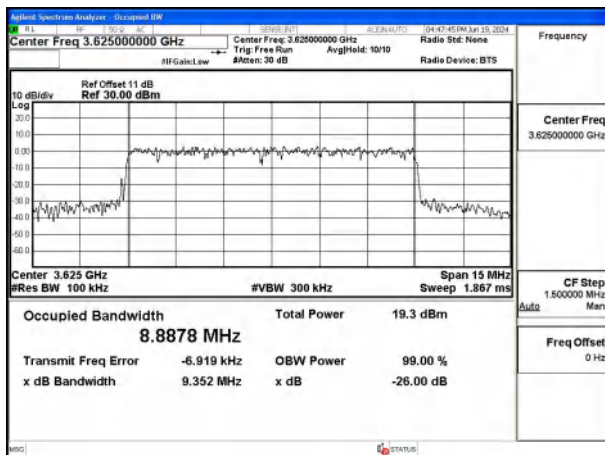


Fig.29

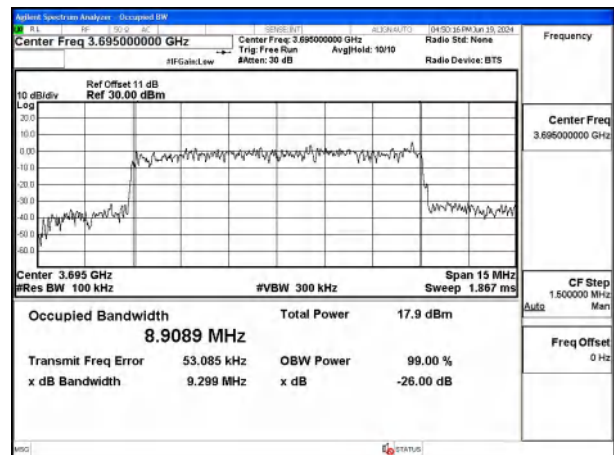


Fig.30

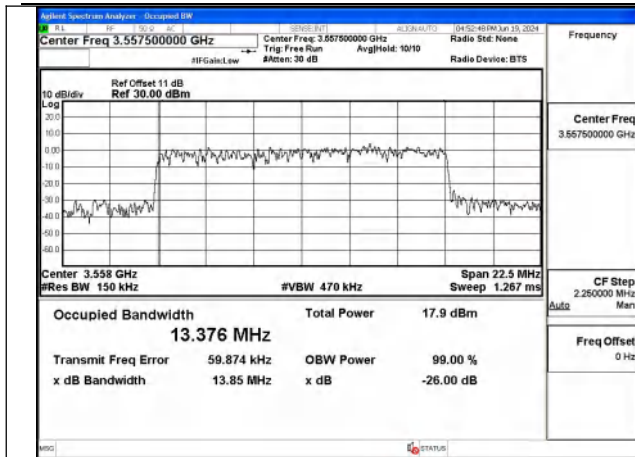


Fig.31

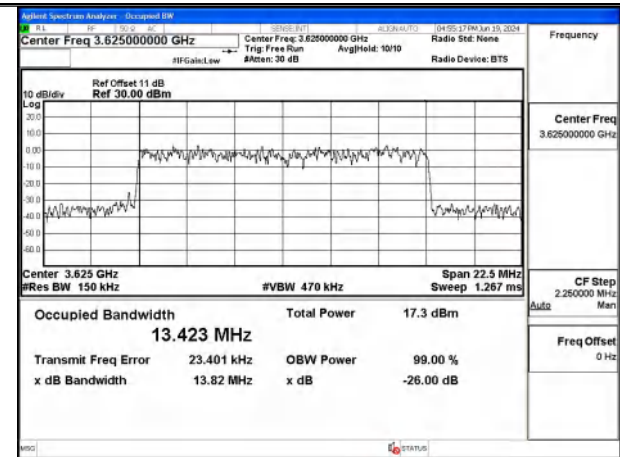


Fig.32

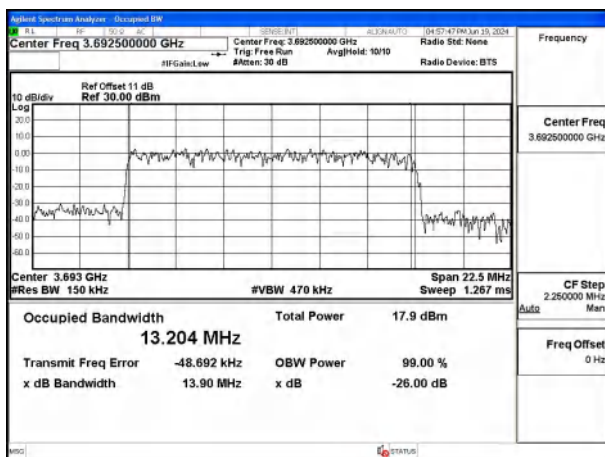


Fig.33

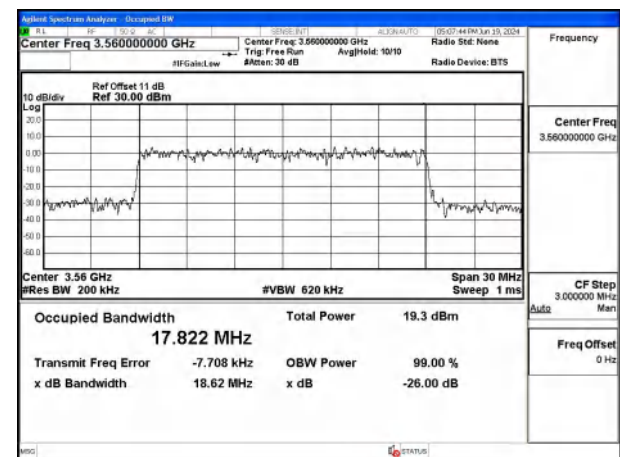


Fig.34

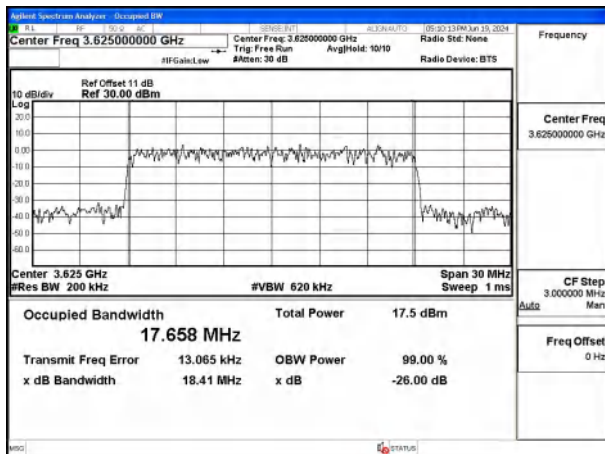


Fig.35

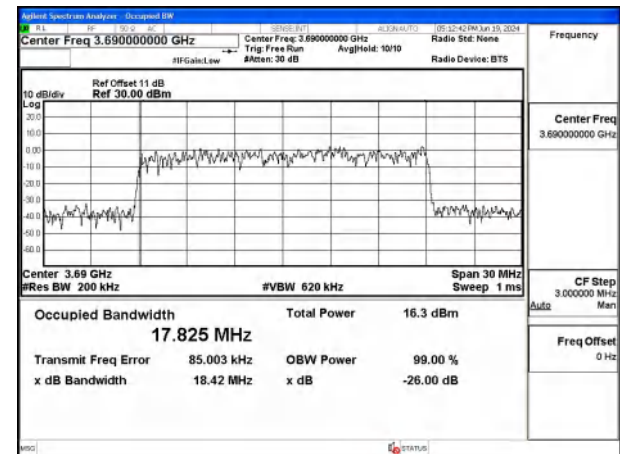


Fig.36

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

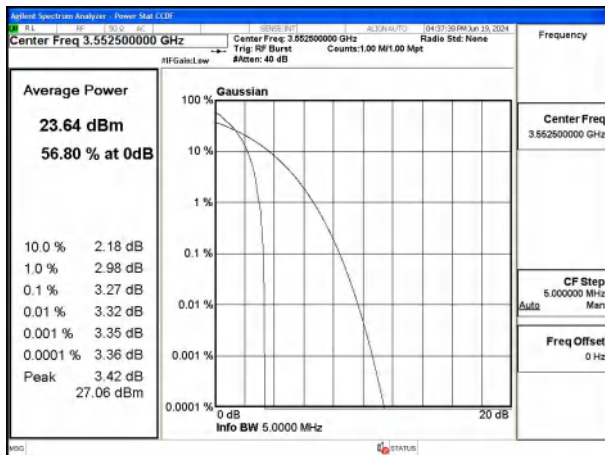


Fig.1

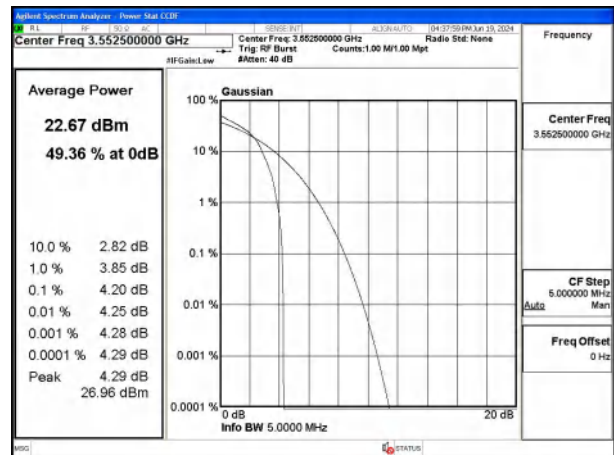


Fig.2

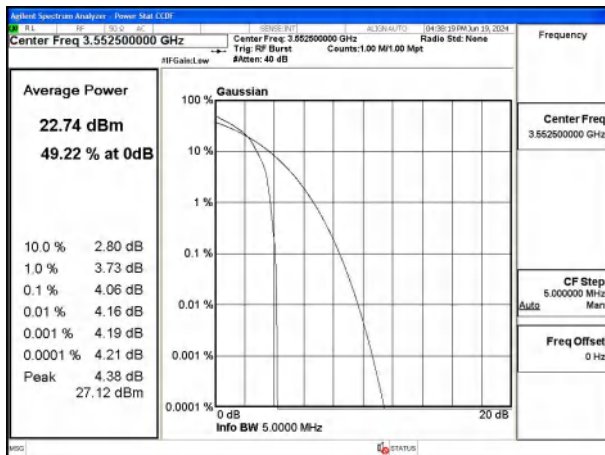


Fig.3

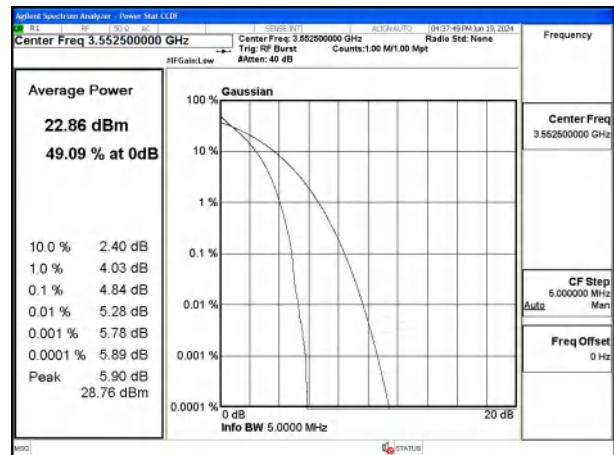


Fig.4

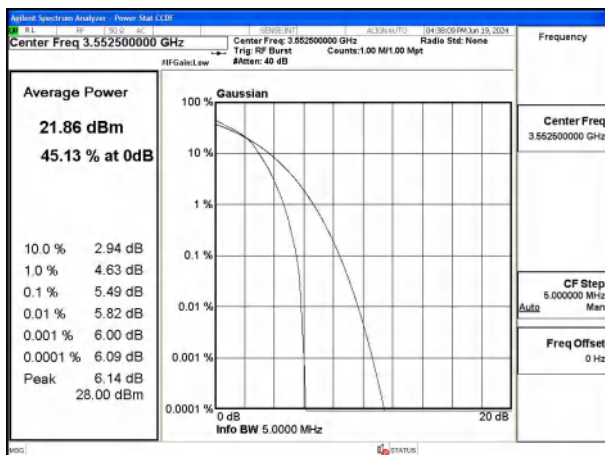


Fig.5

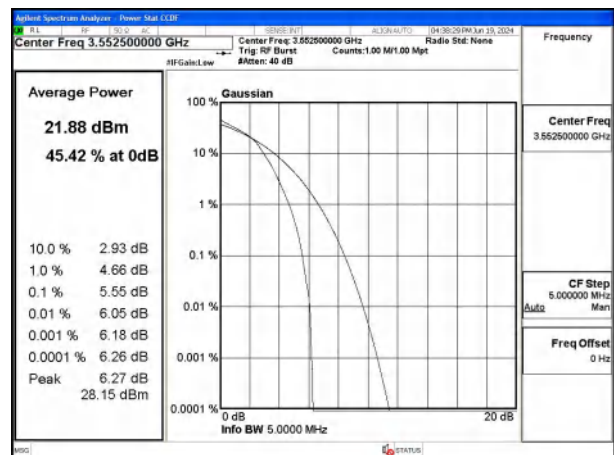


Fig.6

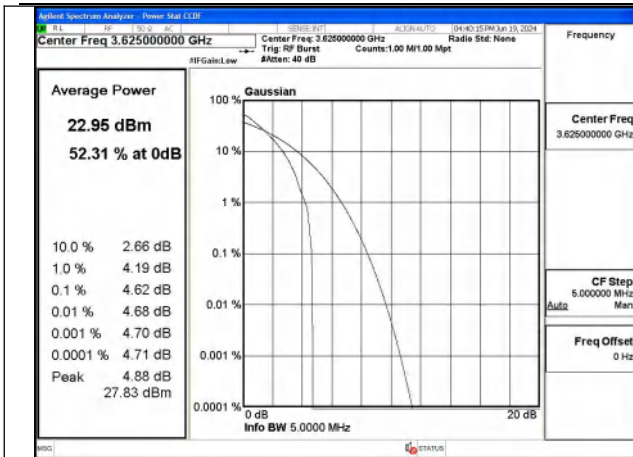


Fig.7

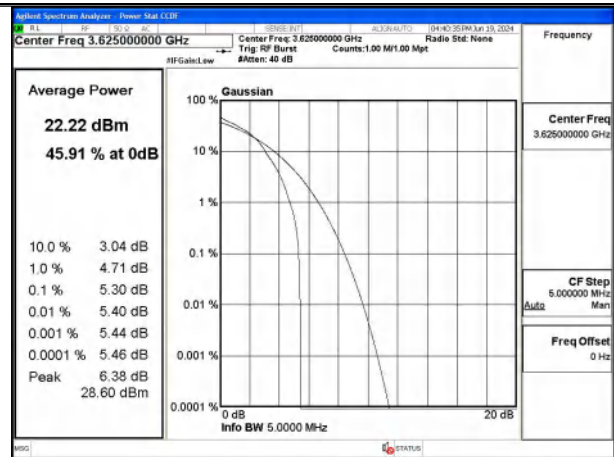


Fig.8

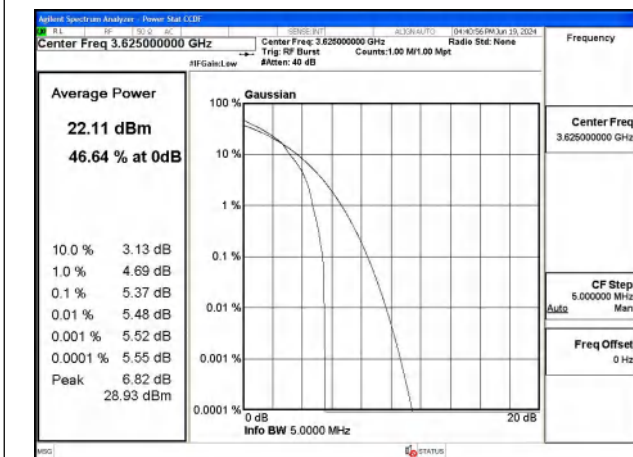


Fig.9

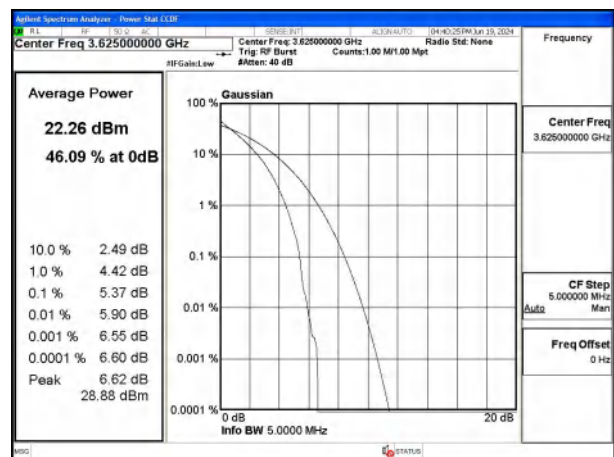


Fig.10

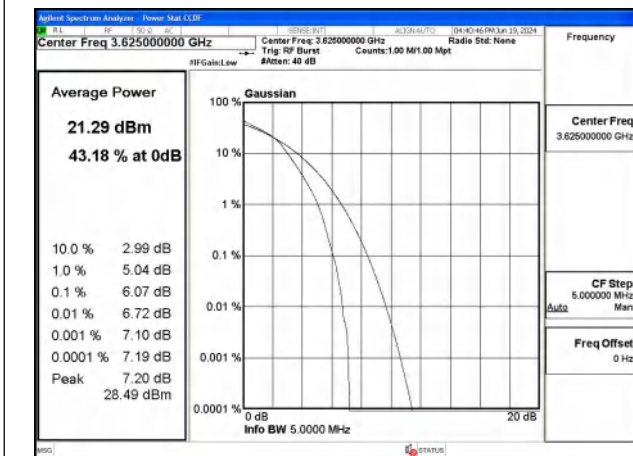


Fig.11

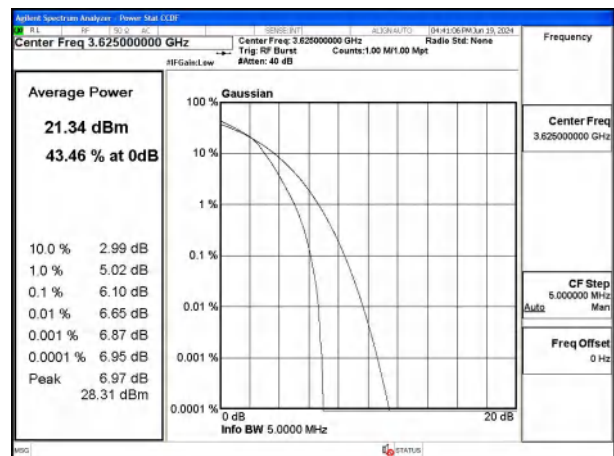


Fig.12

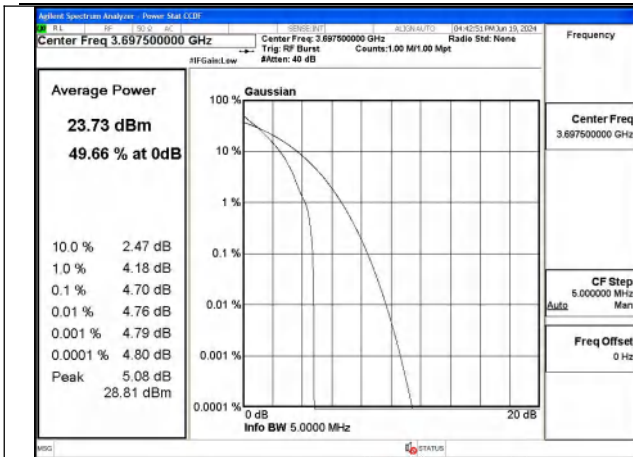


Fig.13

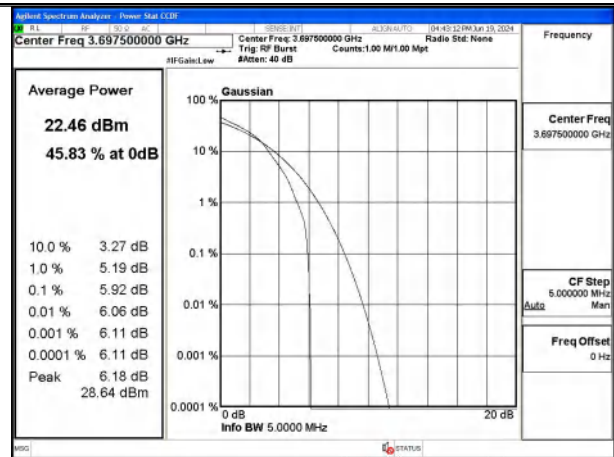


Fig.14

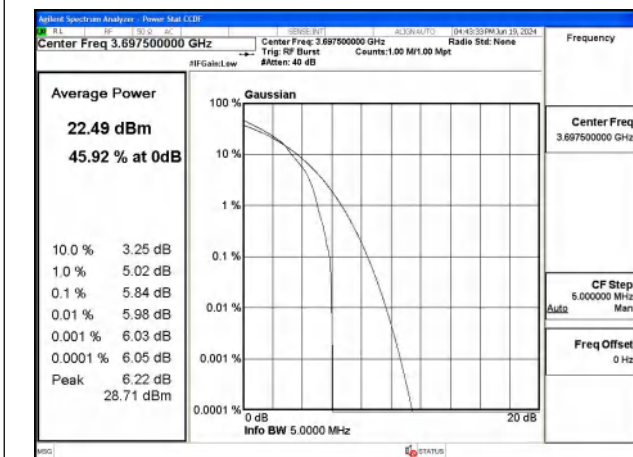


Fig.15

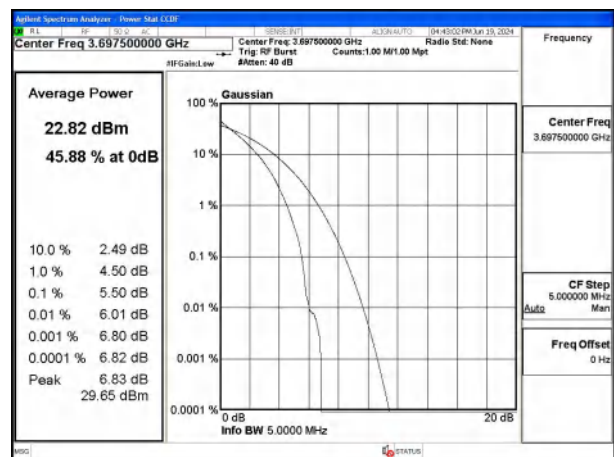


Fig.16

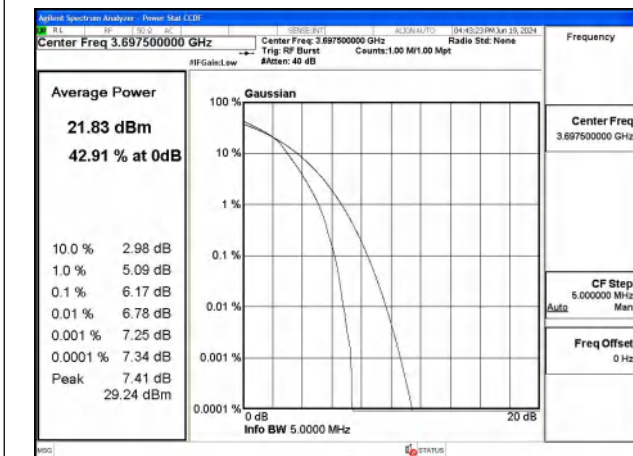


Fig.17

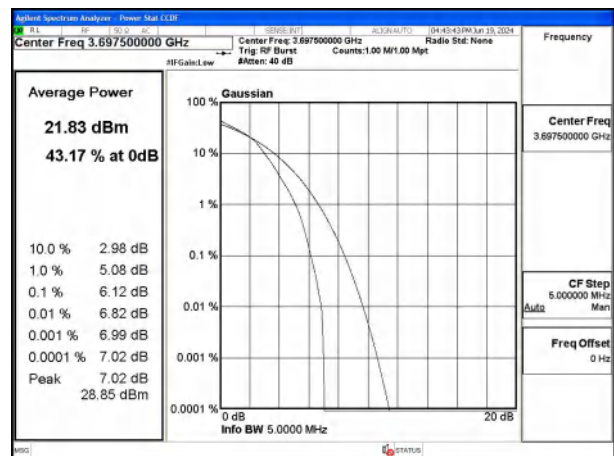


Fig.18

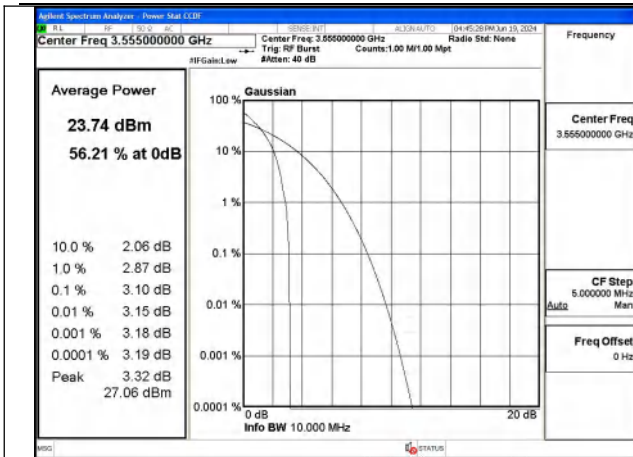


Fig.19

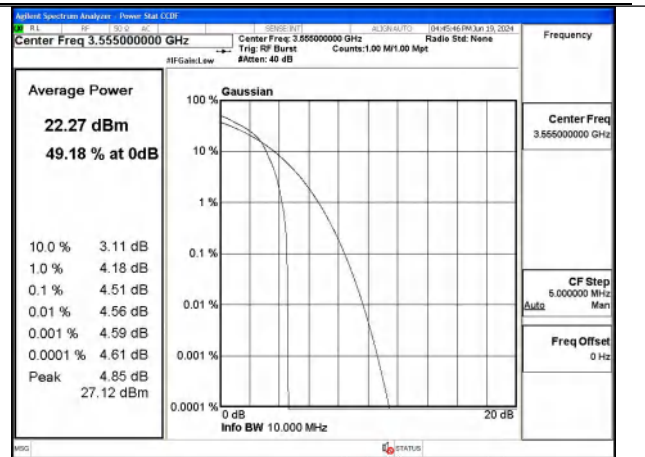


Fig.20

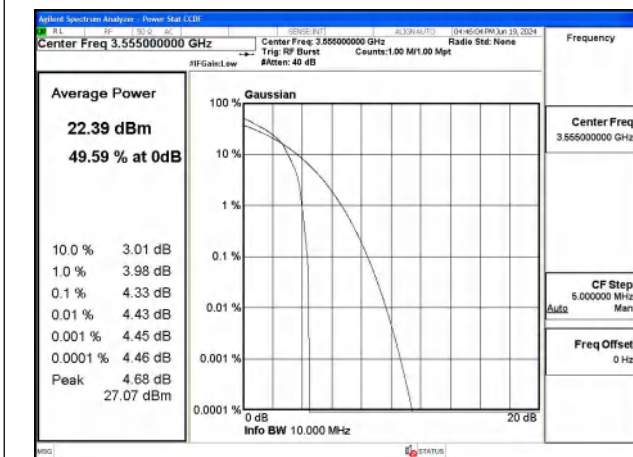


Fig.21

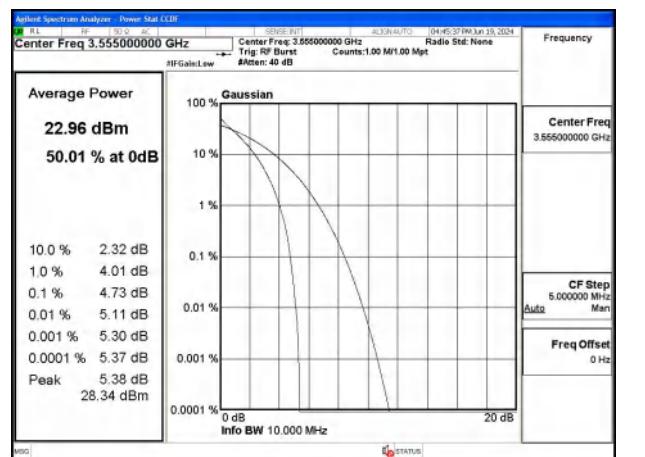


Fig.22

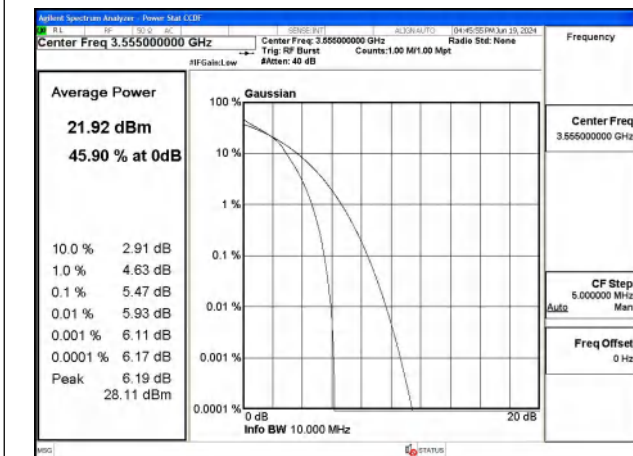


Fig.23

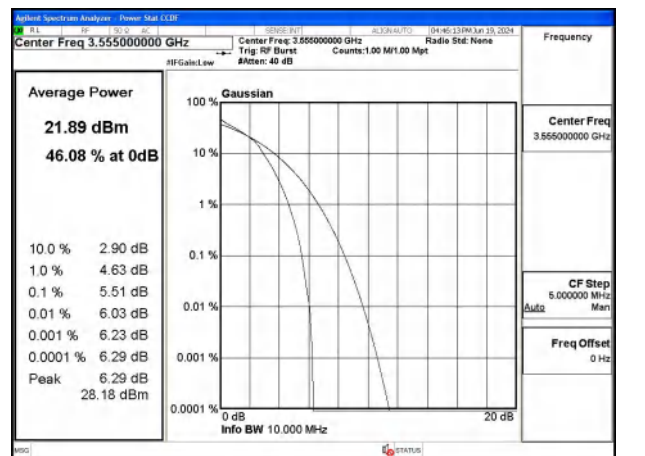


Fig.24

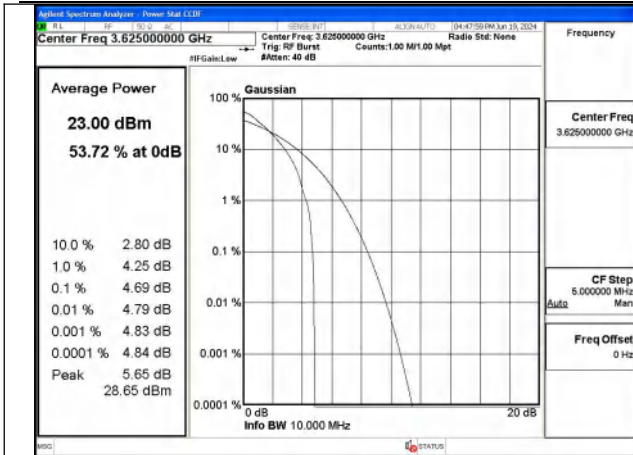


Fig.25

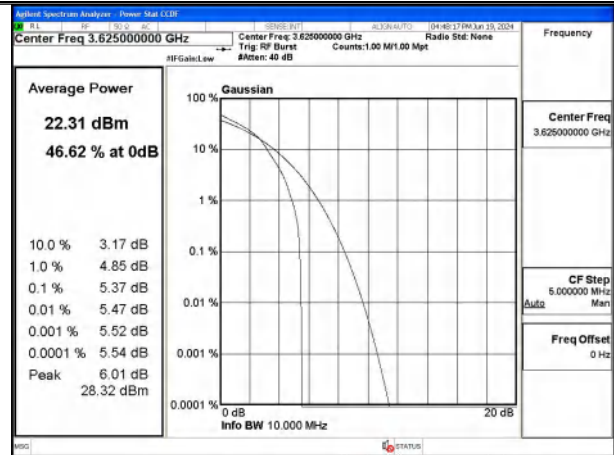


Fig.26

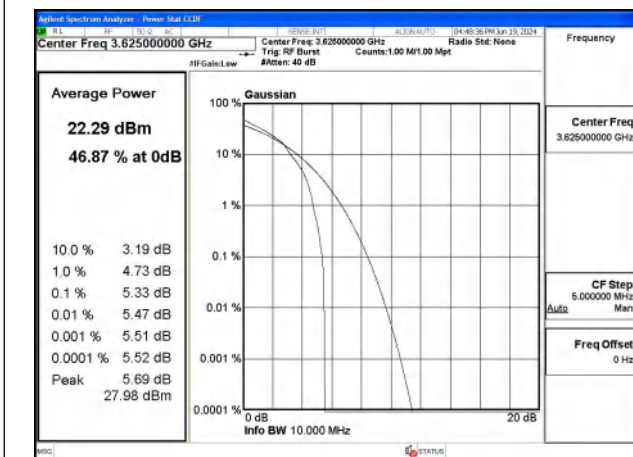


Fig.27

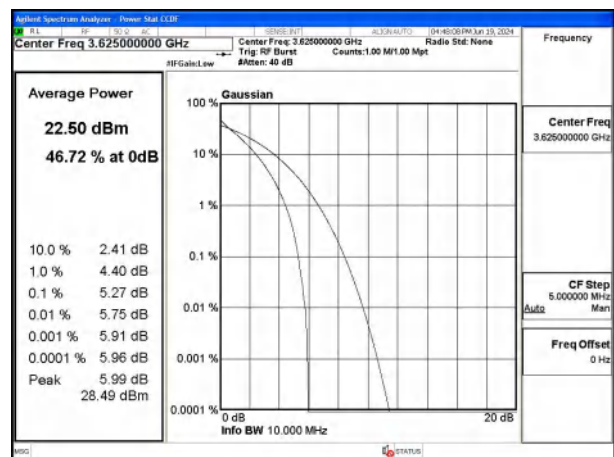


Fig.28

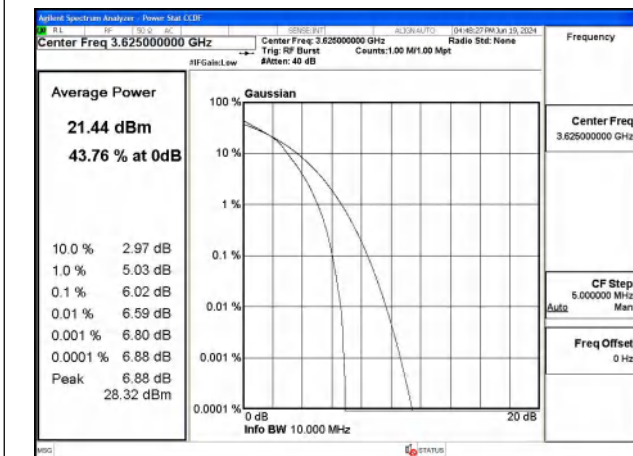


Fig.29

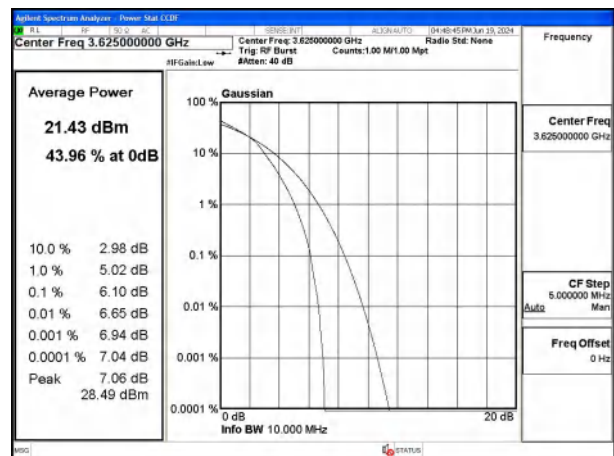


Fig.30

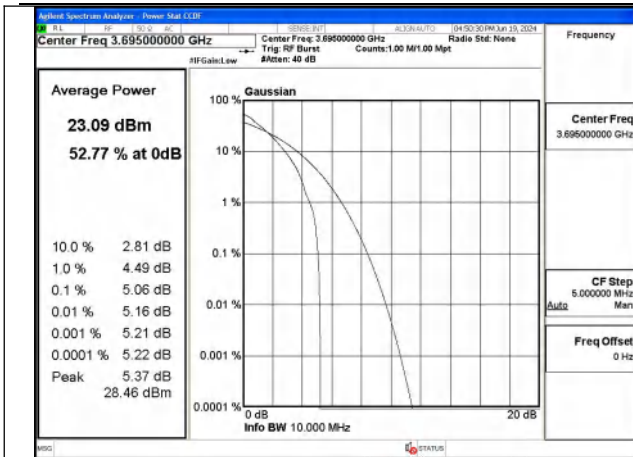


Fig.31

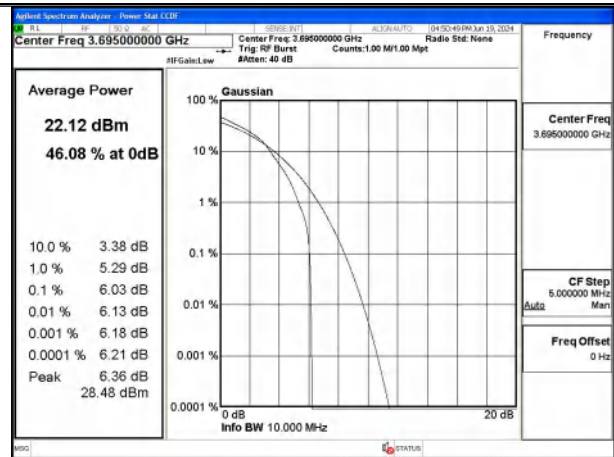


Fig.32

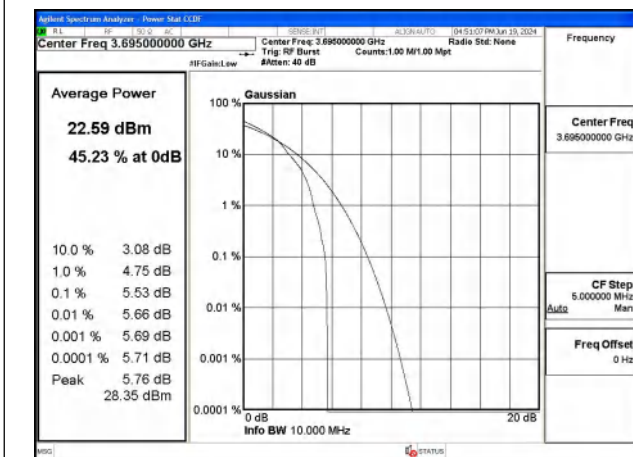


Fig.33

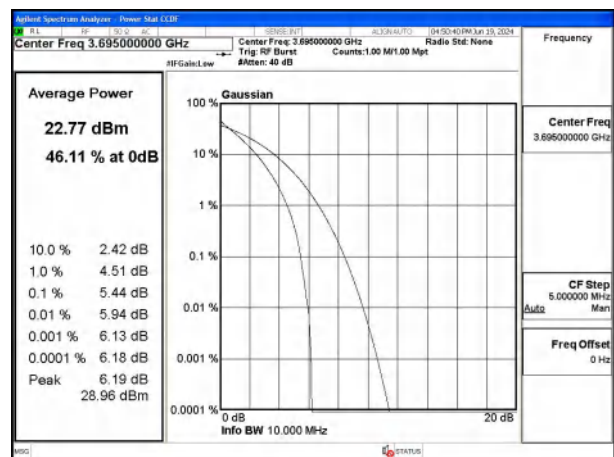


Fig.34

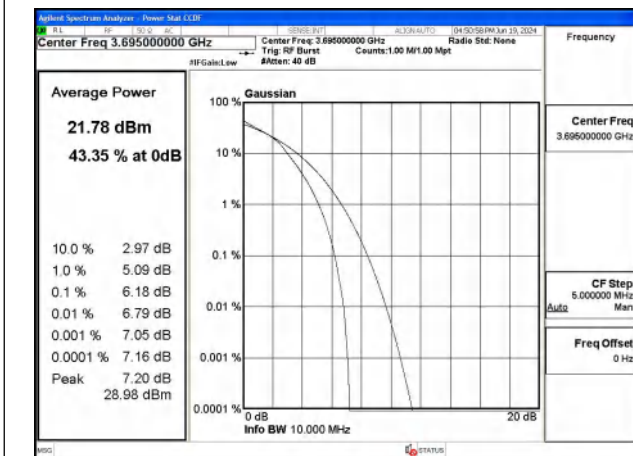


Fig.35

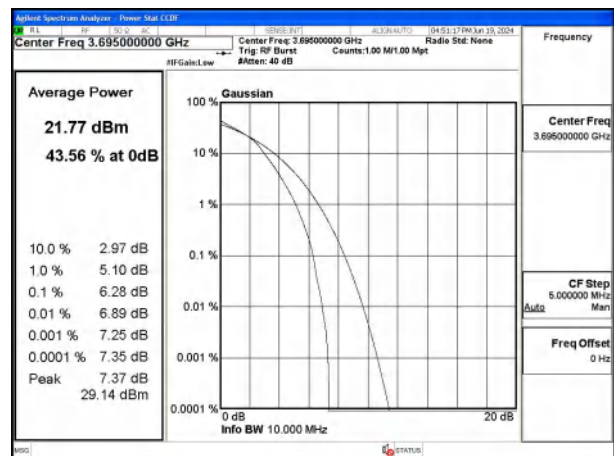


Fig.36

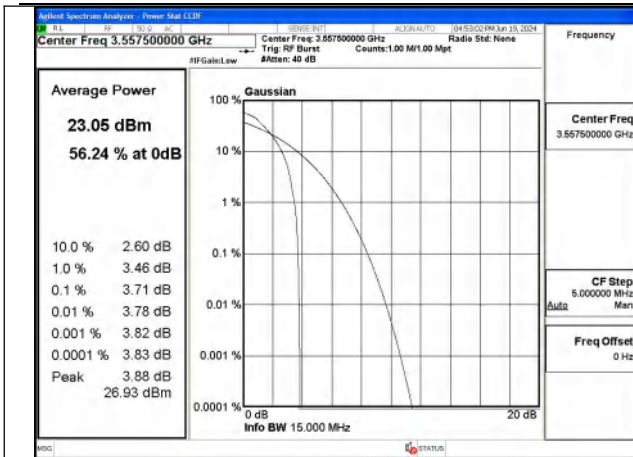


Fig.37

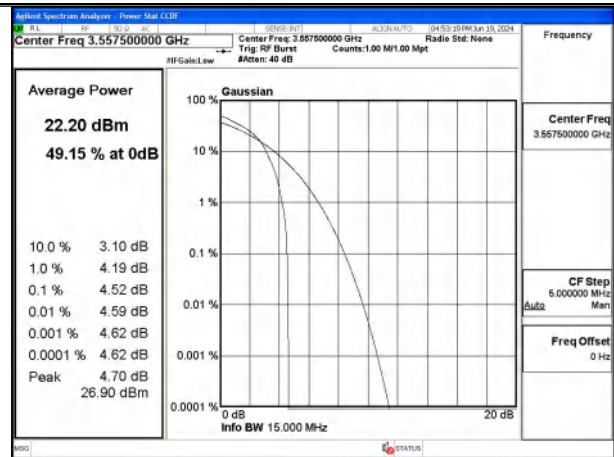


Fig.38

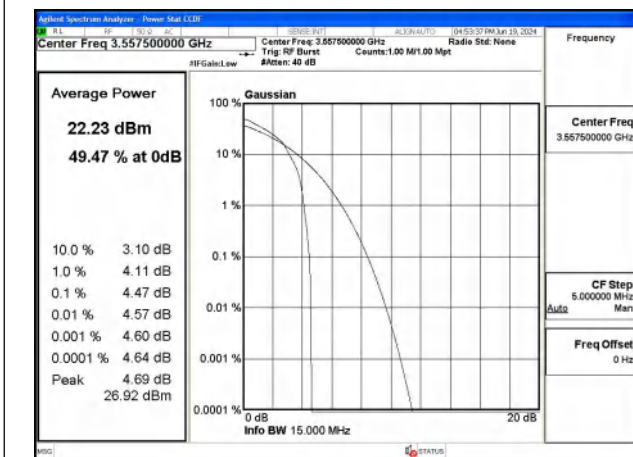


Fig.39

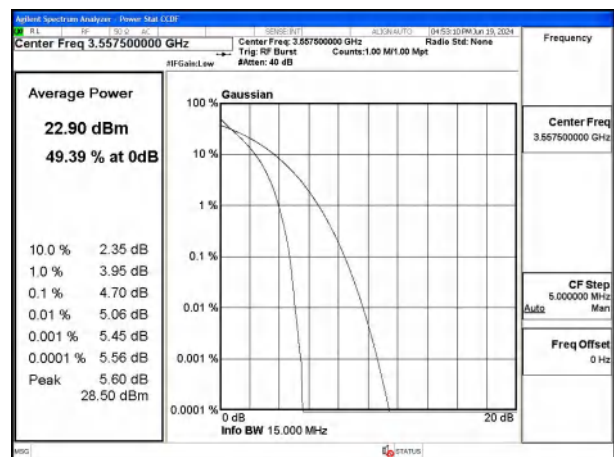


Fig.40

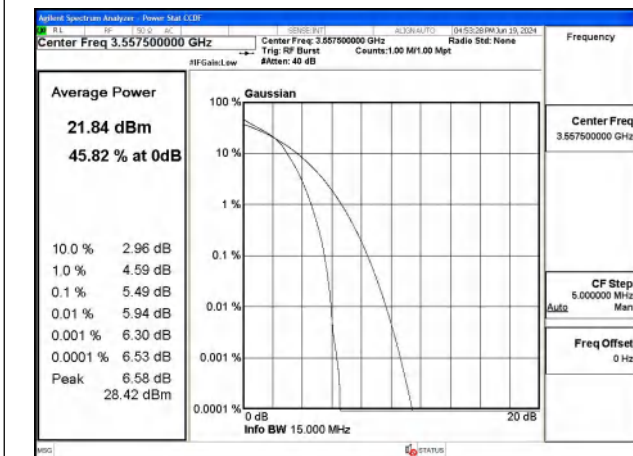


Fig.41

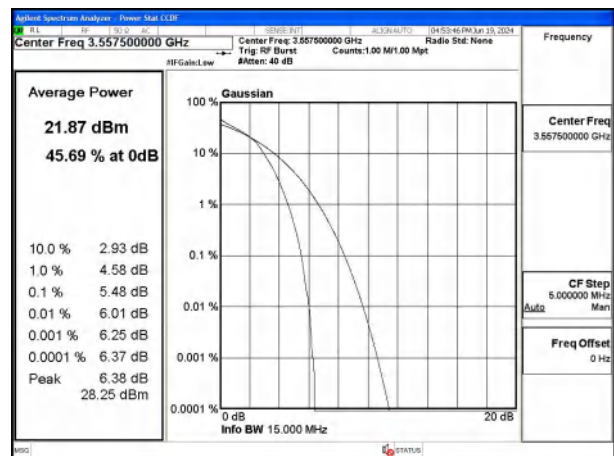


Fig.42

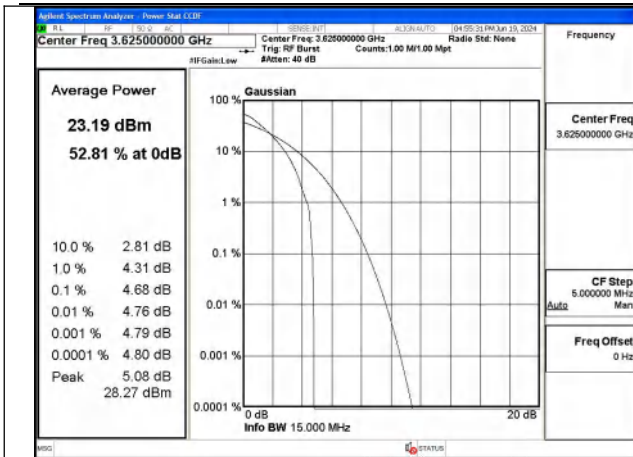


Fig.43

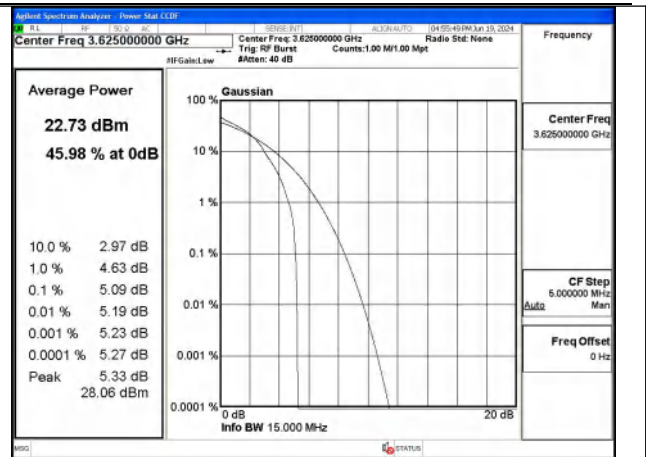


Fig.44

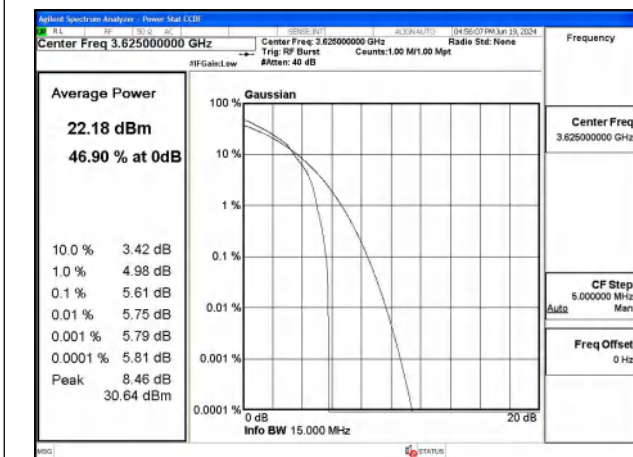


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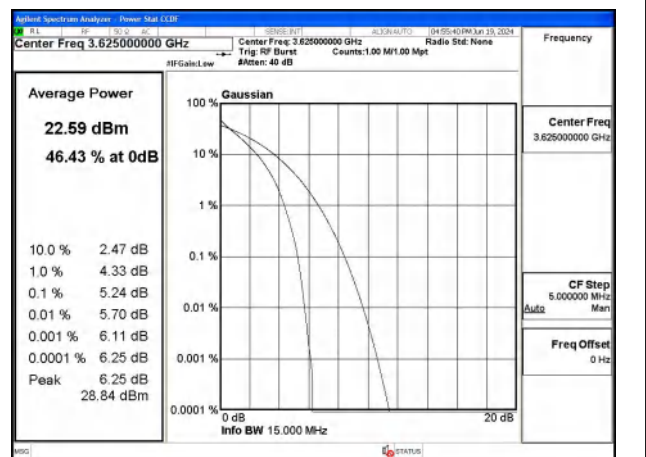


Fig.46

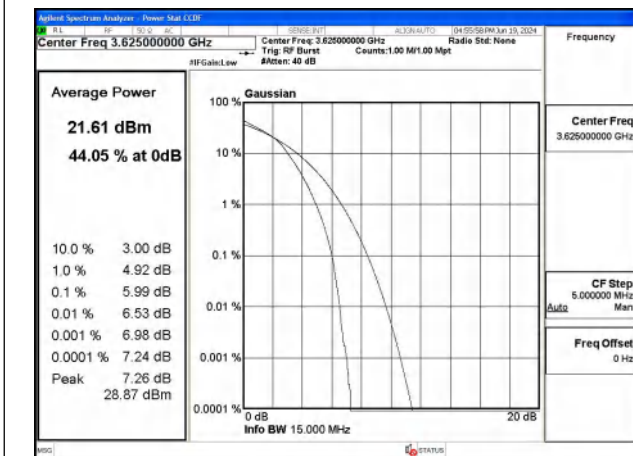


Fig.47

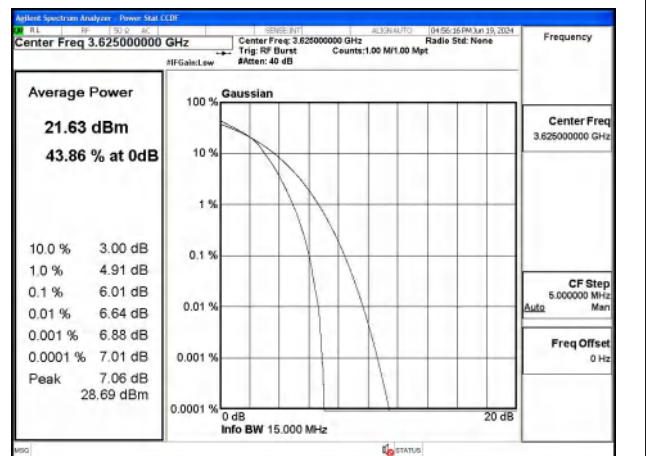


Fig.48

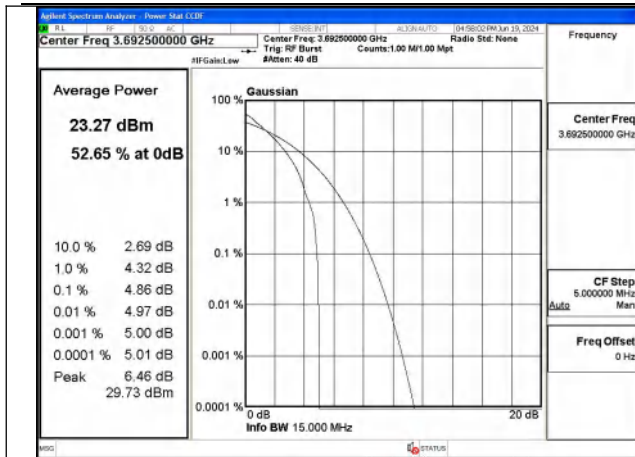


Fig.49

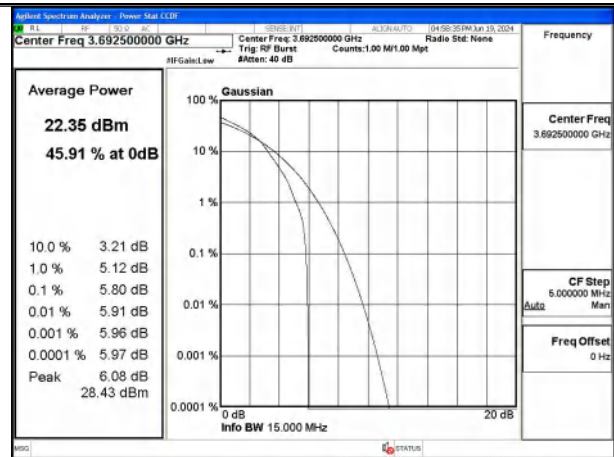


Fig.50

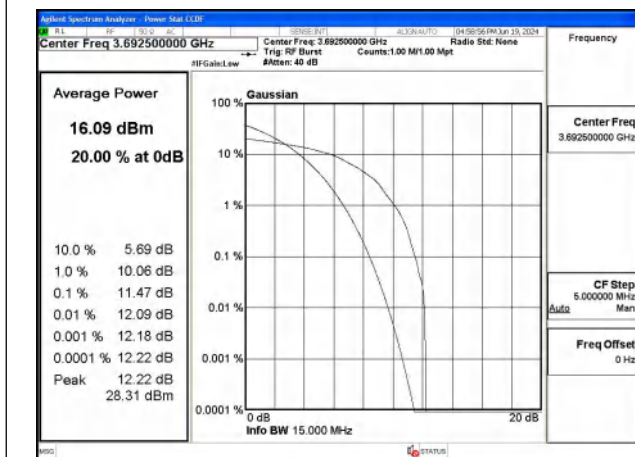


Fig.51

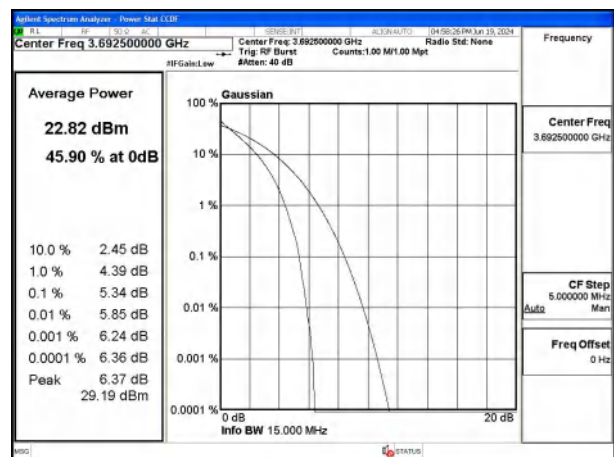


Fig.52

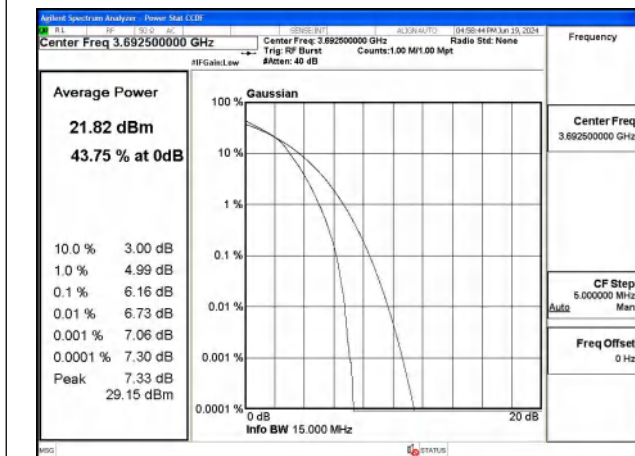


Fig.53

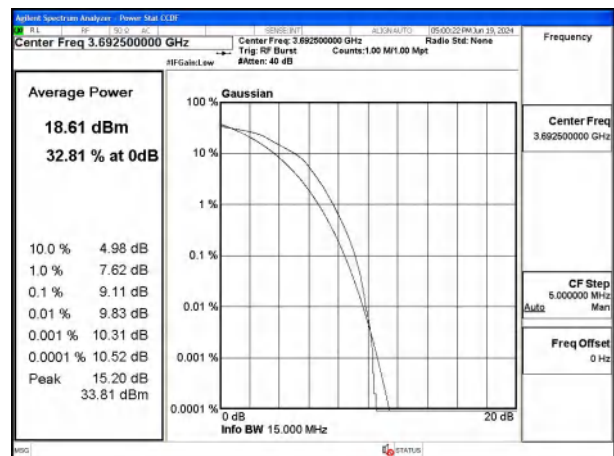


Fig.54

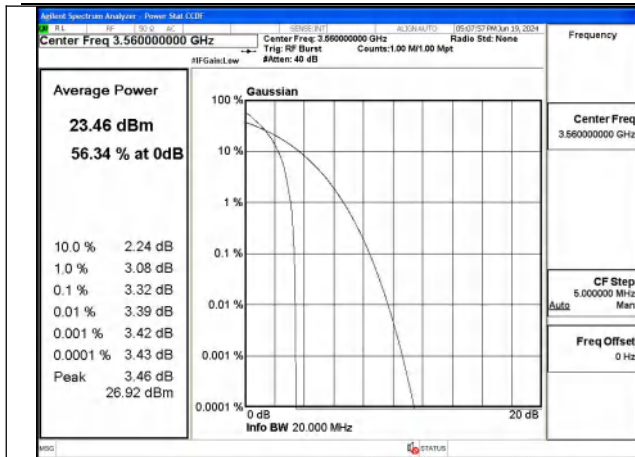


Fig.55

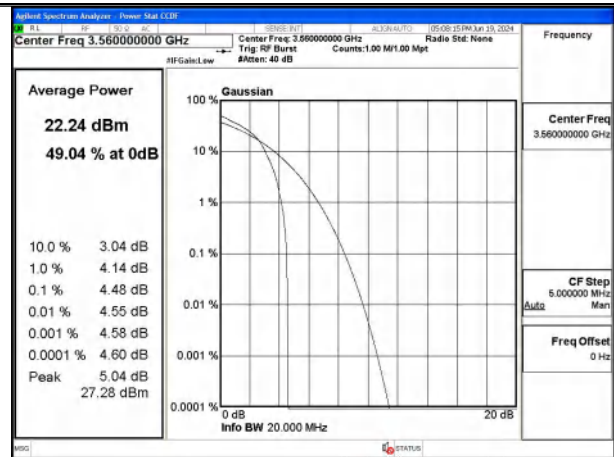


Fig.56

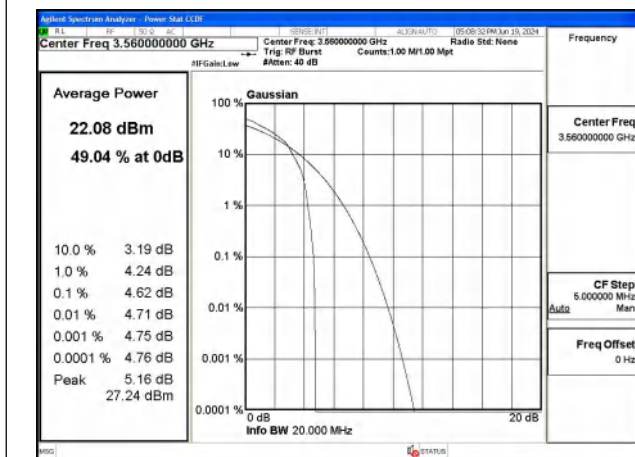


Fig.57

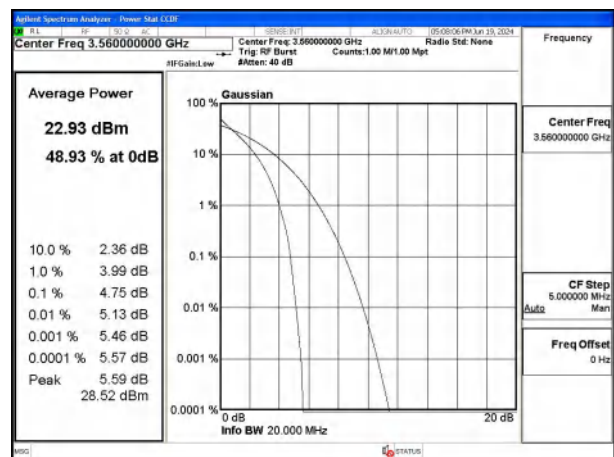


Fig.58

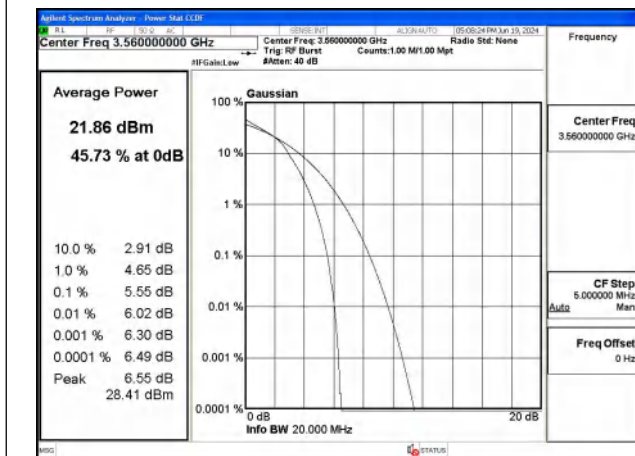


Fig.59

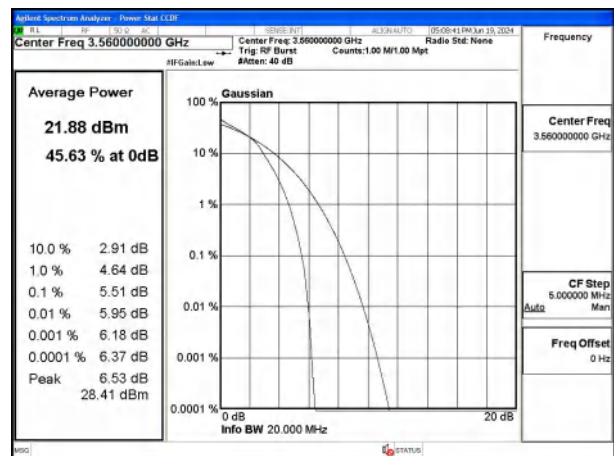


Fig.60

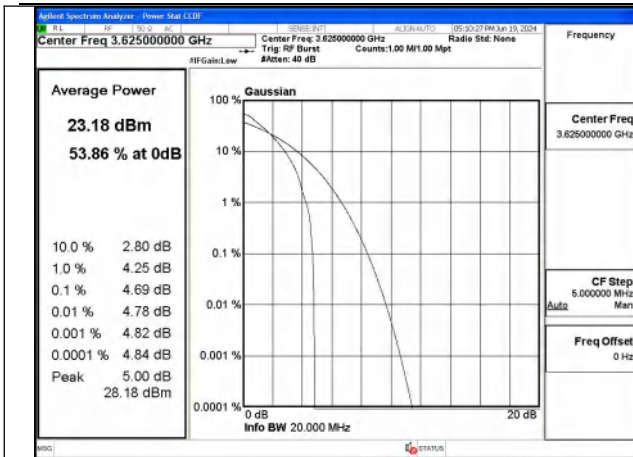


Fig.61

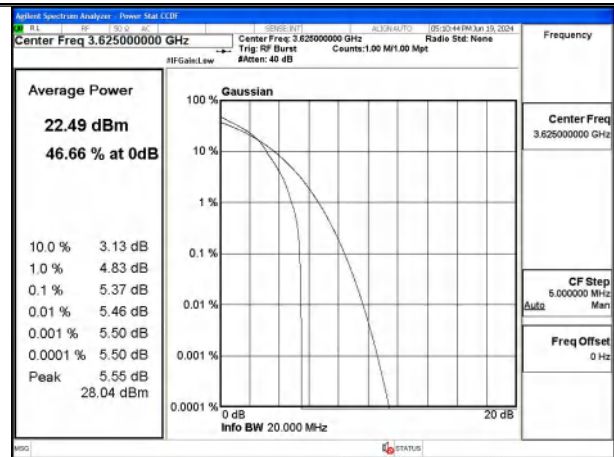


Fig.62

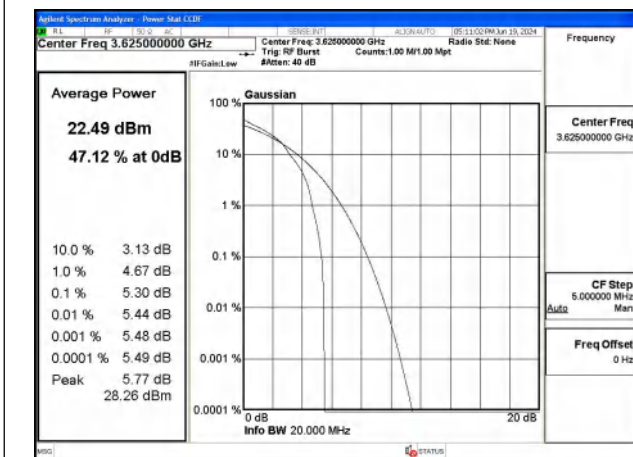


Fig.63

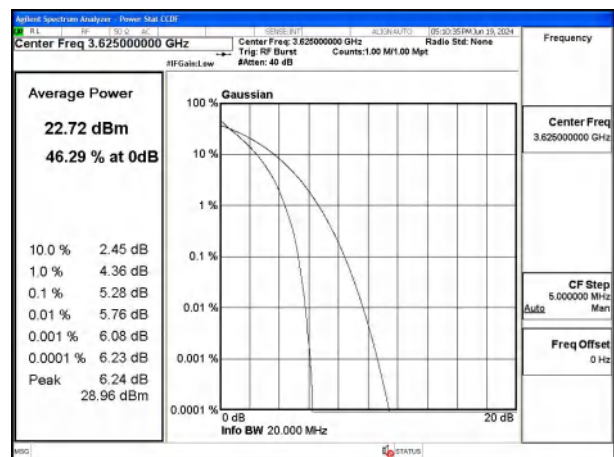


Fig.64

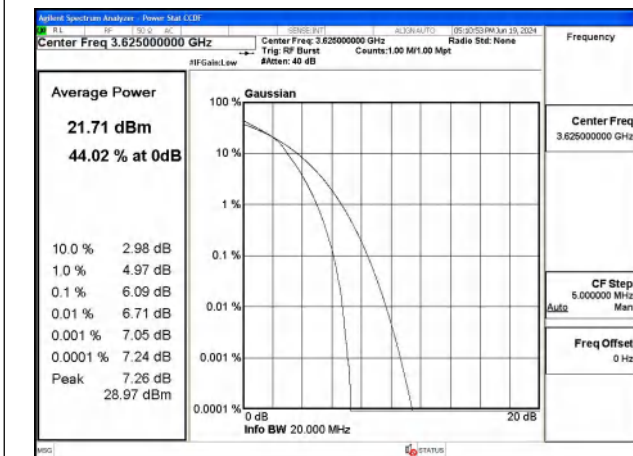


Fig.65

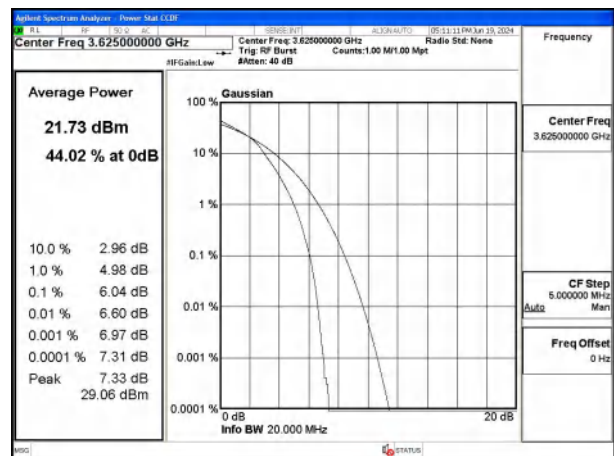


Fig.66

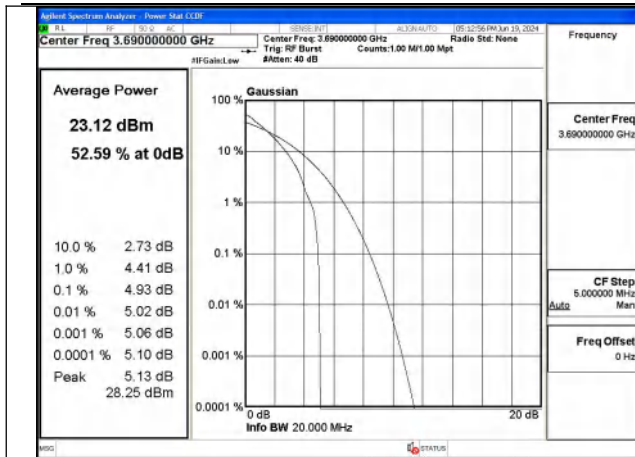


Fig.67

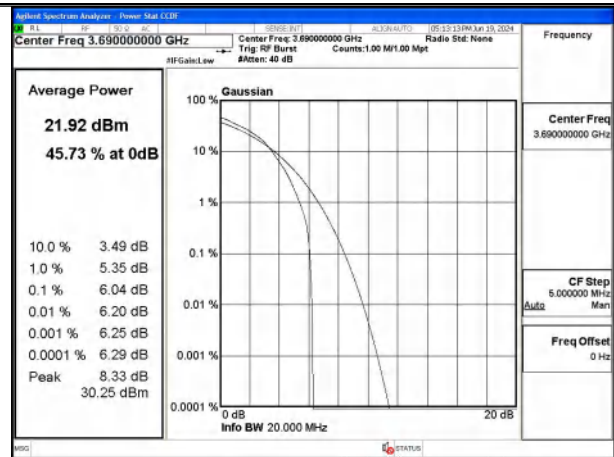


Fig.68

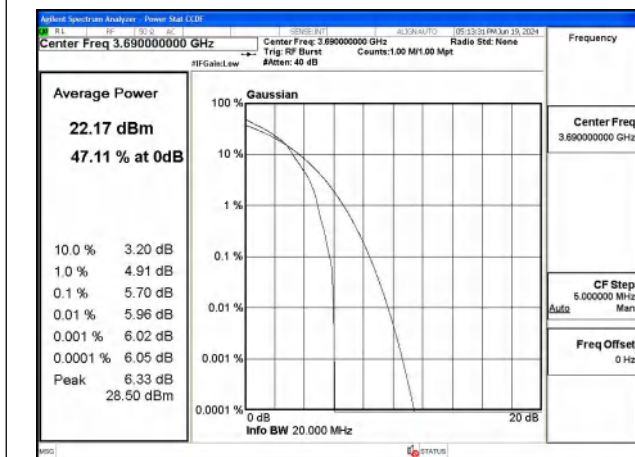


Fig.69

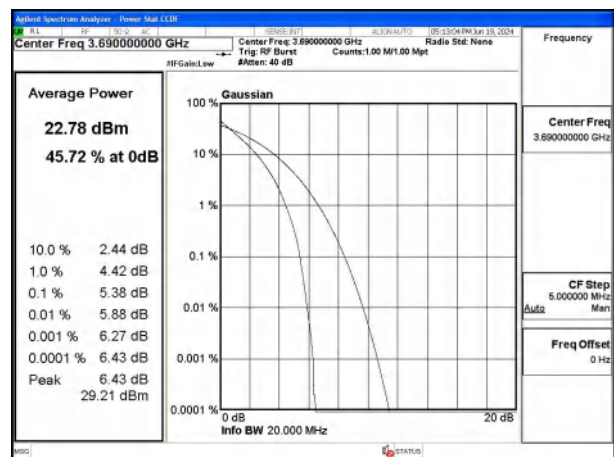


Fig.70

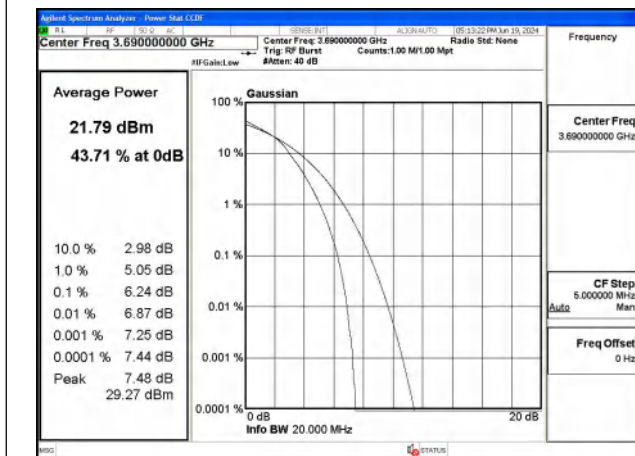


Fig.71

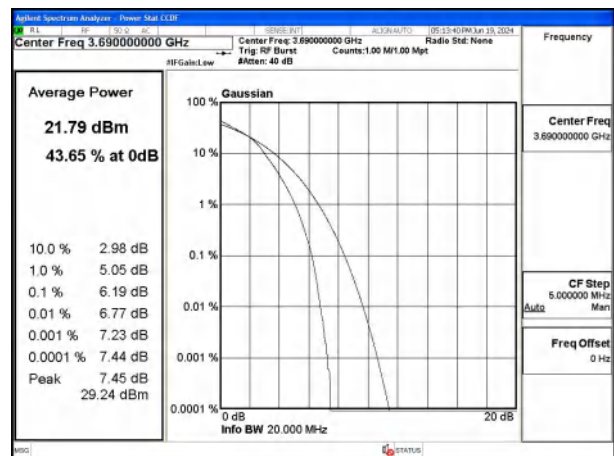


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
48	3560	55340	20	1	0	Fig.1
48	3625	55990	20	1	0	Fig.2
48	3690	56640	20	1	0	Fig.3

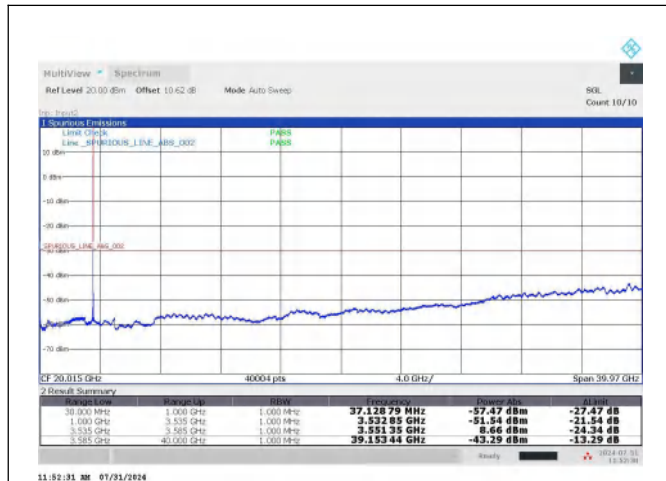


Fig.1



Fig.2

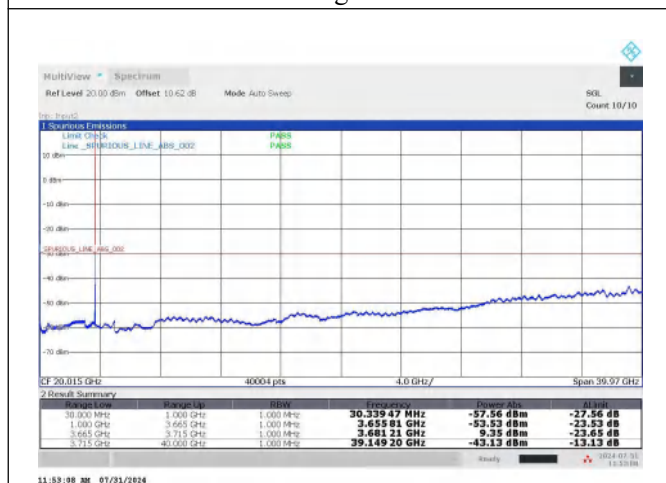


Fig.3

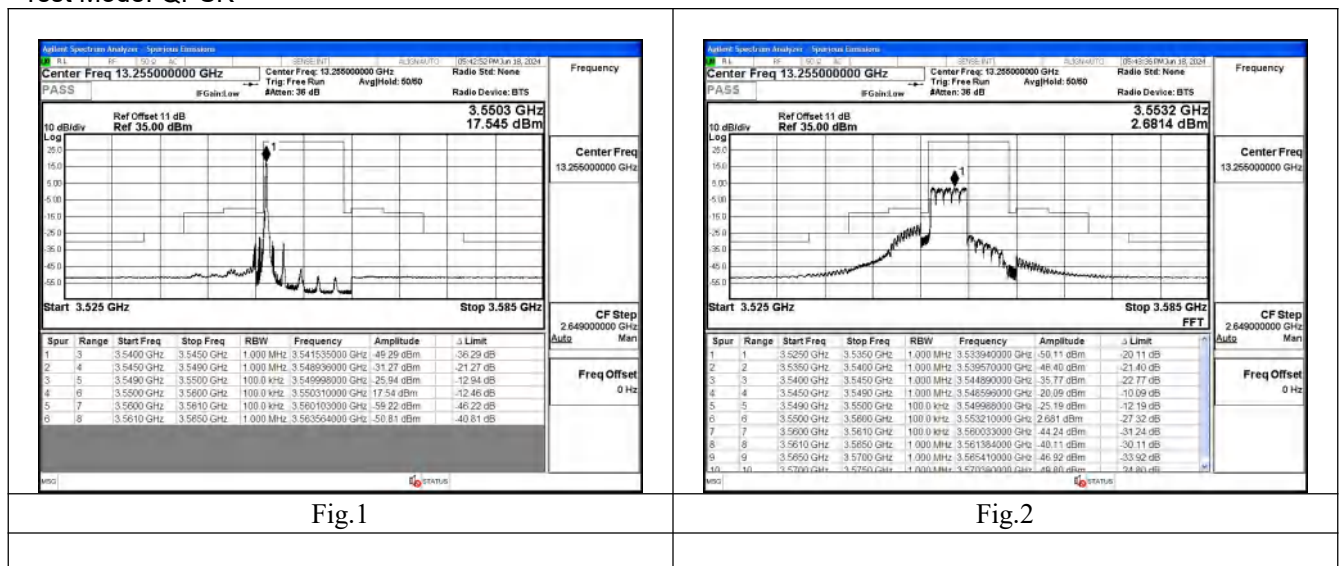
6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
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



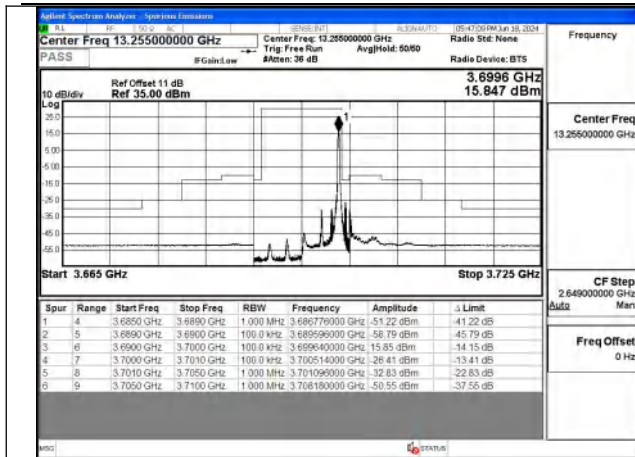


Fig.3

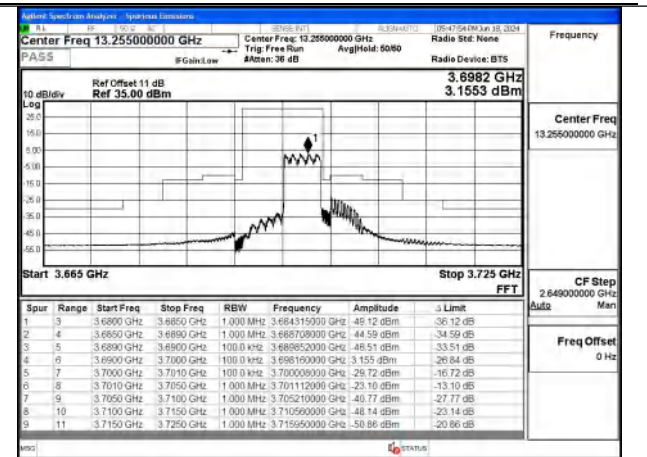


Fig.4

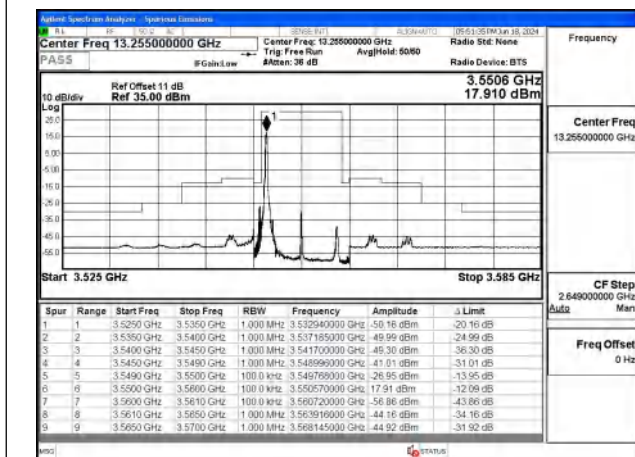


Fig.5

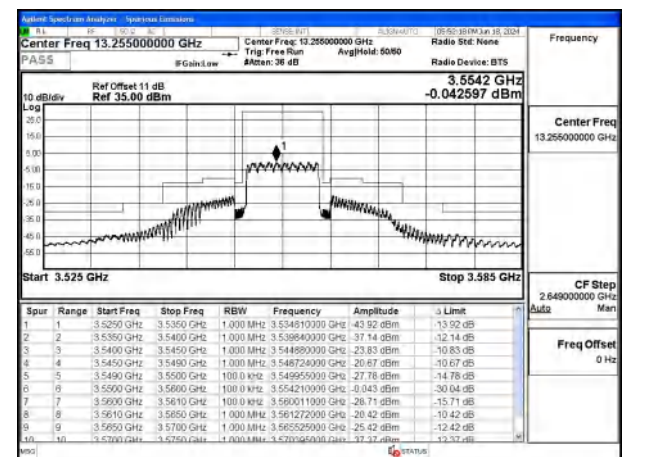


Fig.6

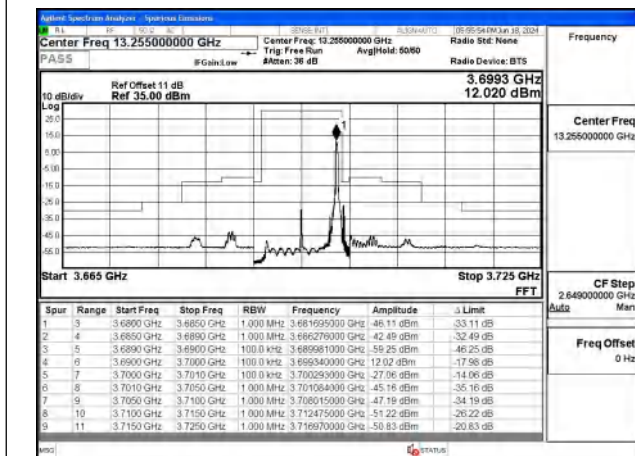


Fig.7

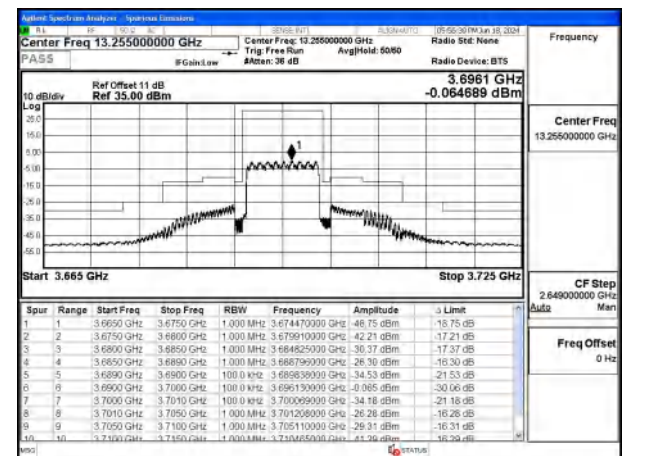


Fig.8

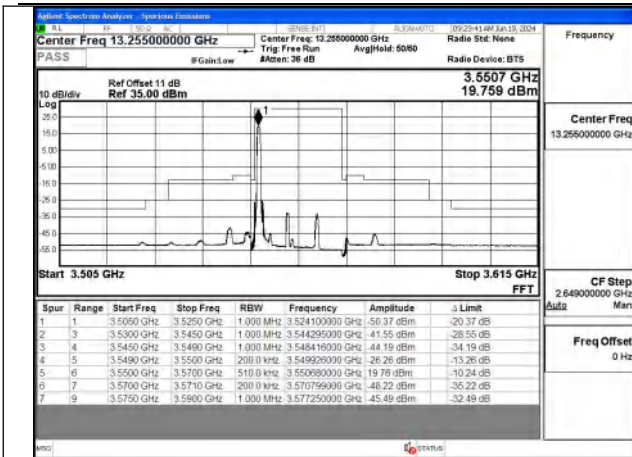


Fig.9



Fig.10

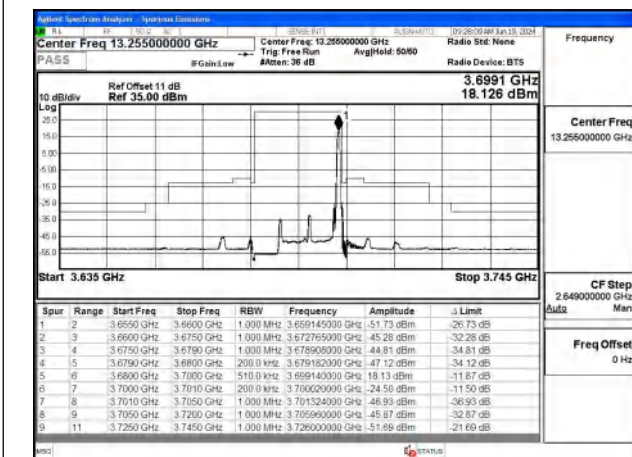


Fig.11



Fig.12

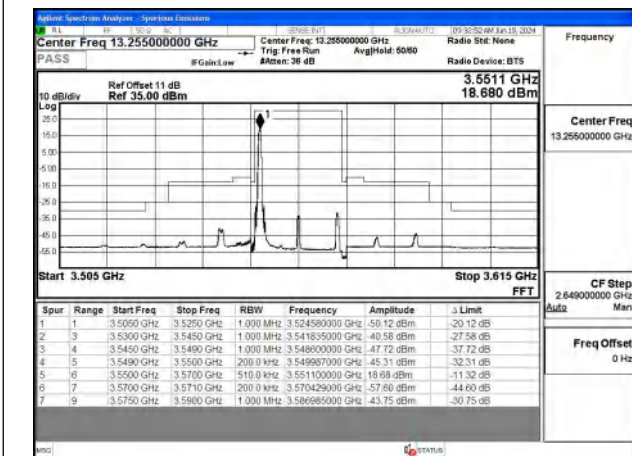


Fig.13

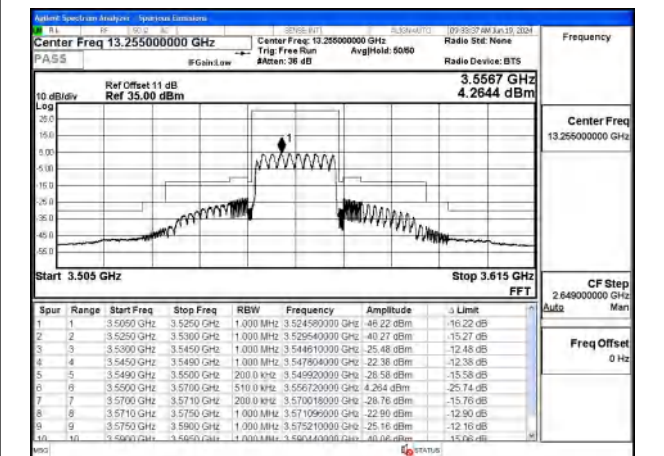


Fig.14

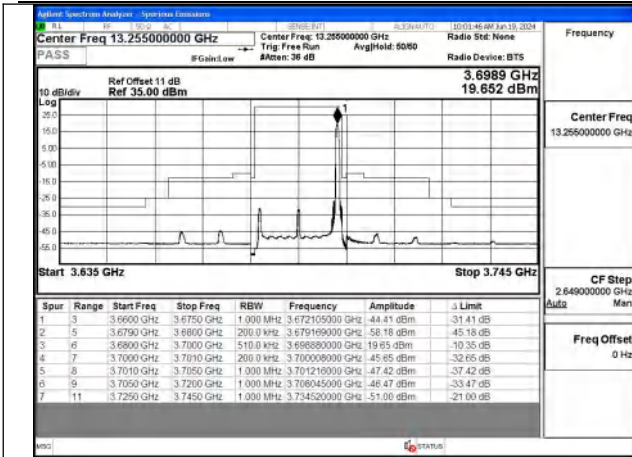


Fig.15

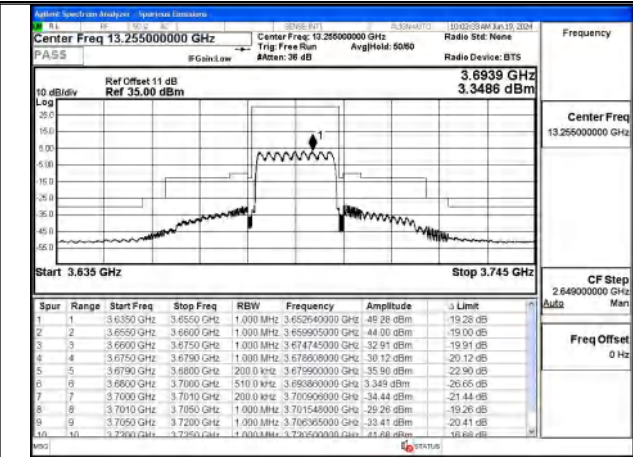


Fig.16

Test Mode: 16QAM

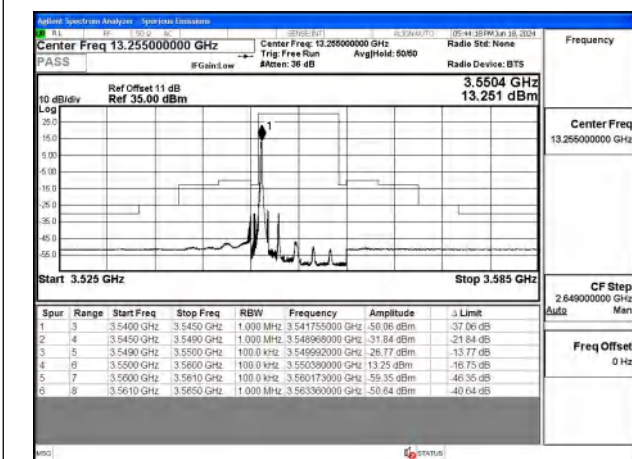


Fig.17

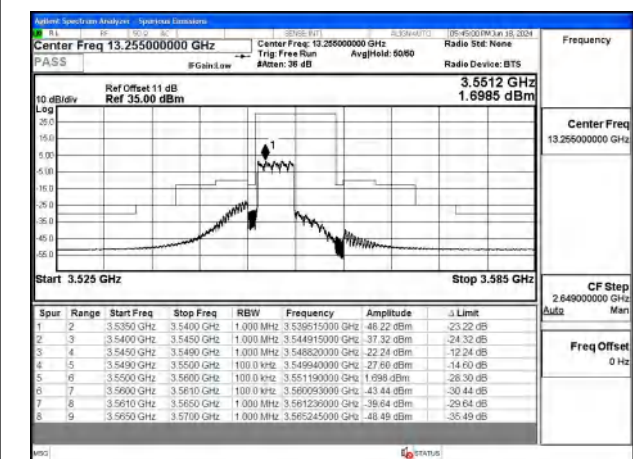


Fig.18

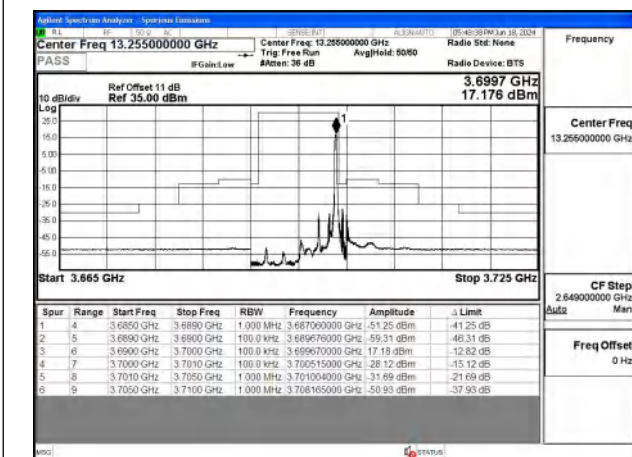


Fig.19

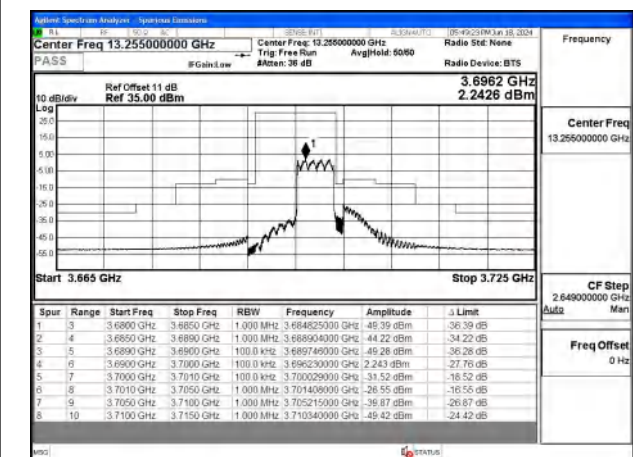


Fig.20

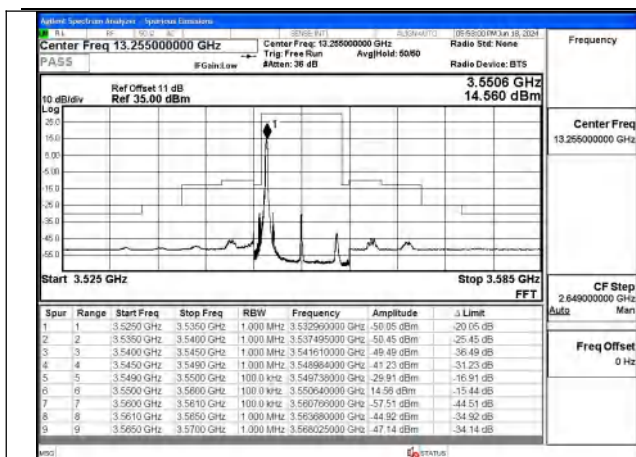


Fig.21

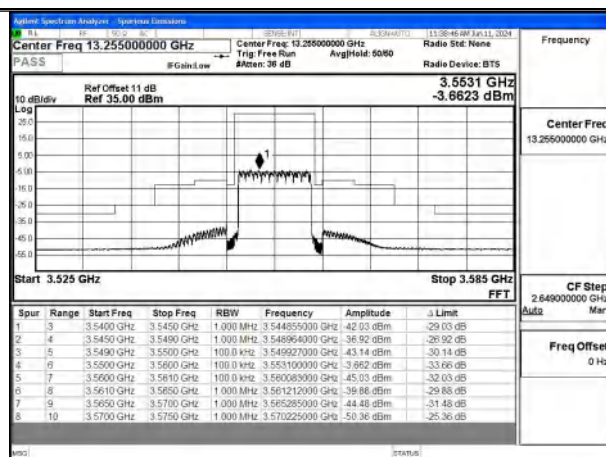


Fig.22

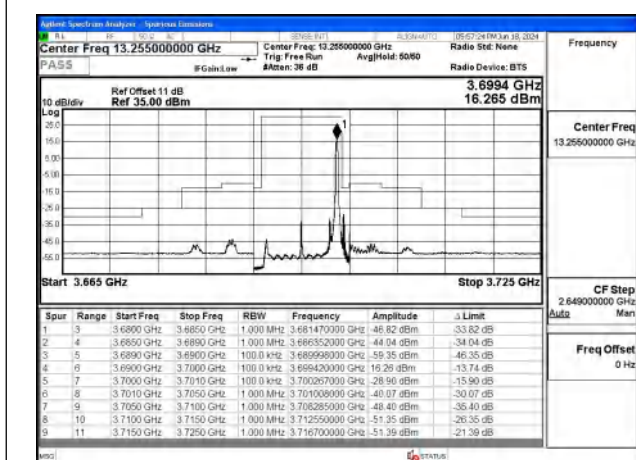


Fig.23

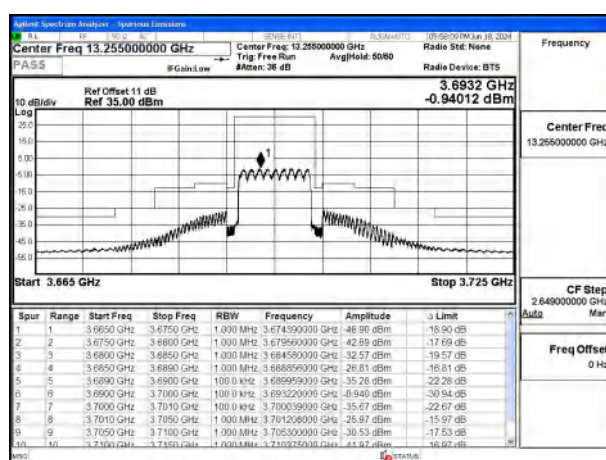


Fig.24

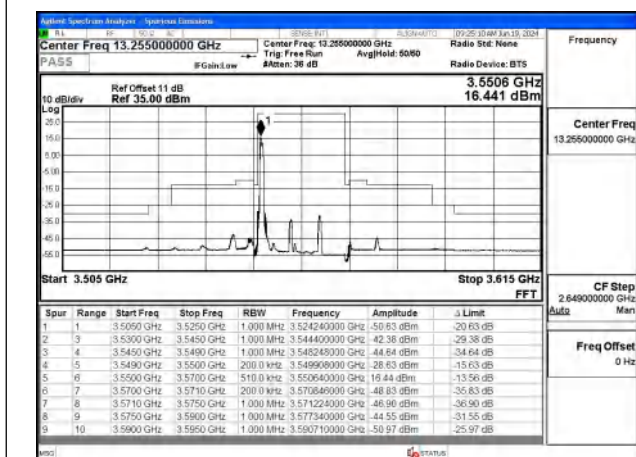


Fig.25



Fig.26

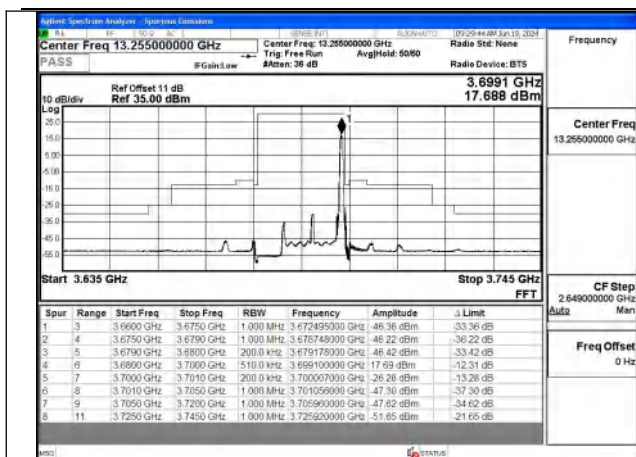


Fig.27

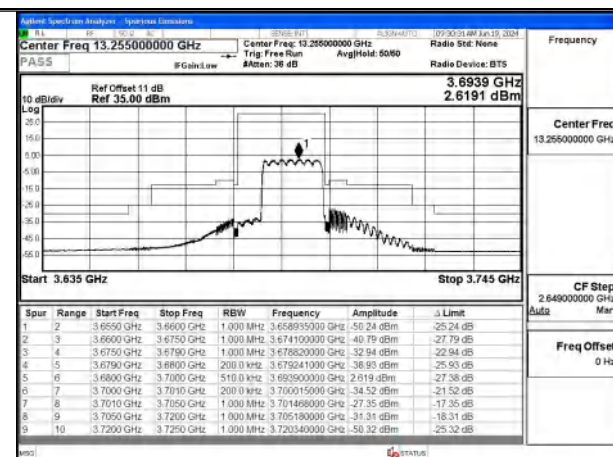


Fig.28

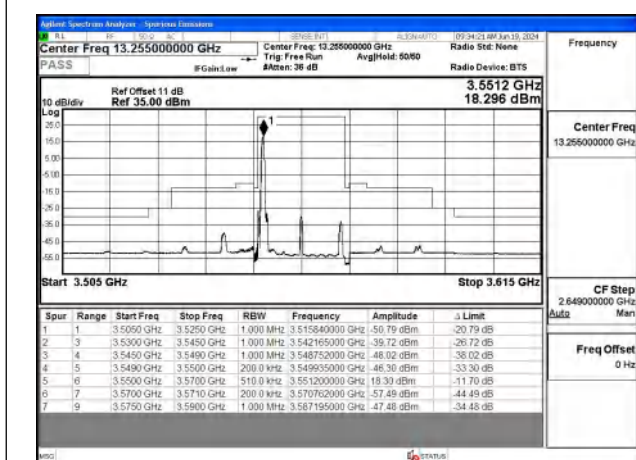


Fig.29

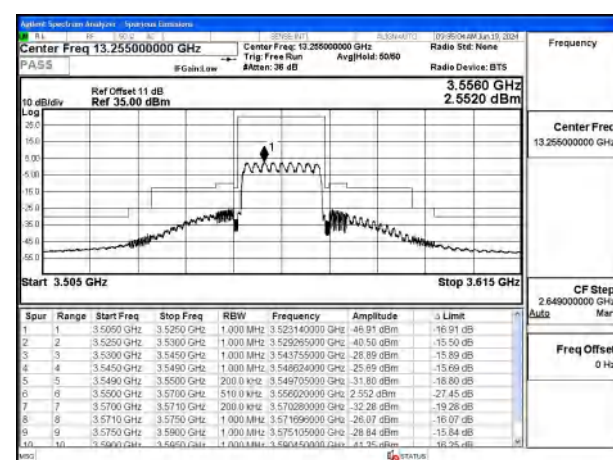


Fig.30

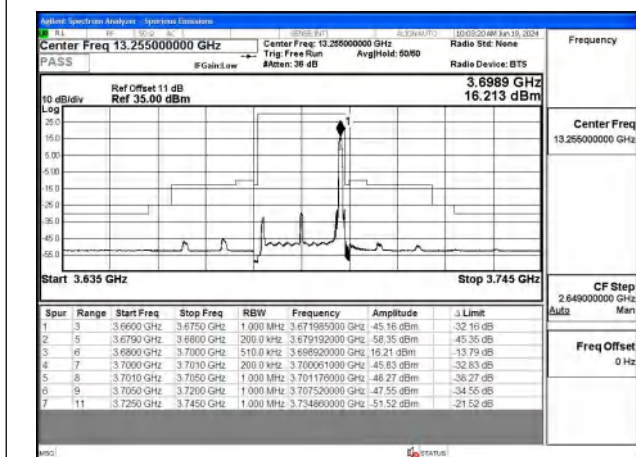


Fig.31

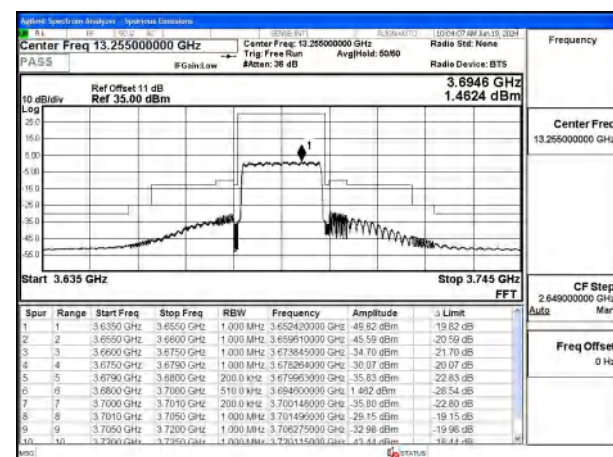


Fig.32

Test Mode: 64QAM

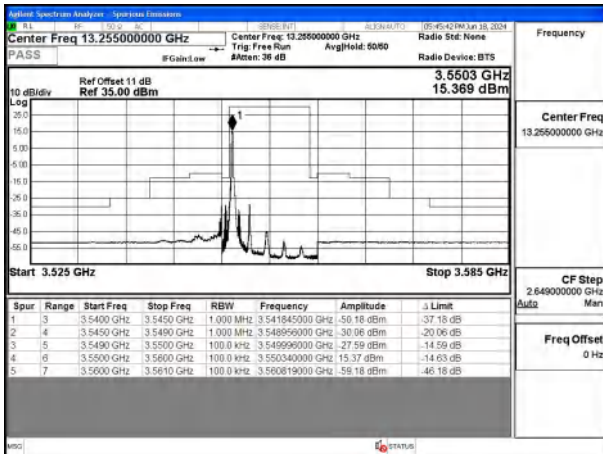


Fig.33

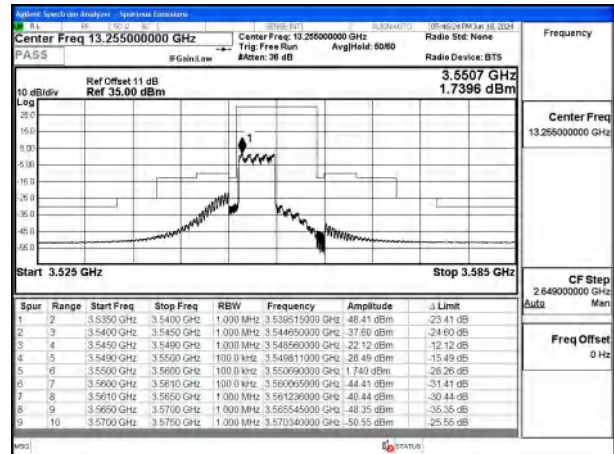


Fig.34

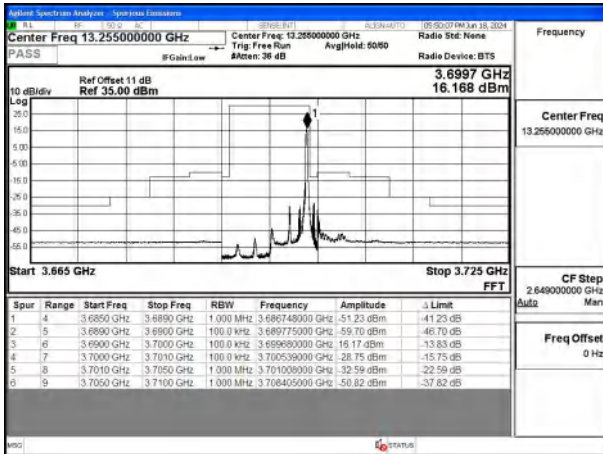


Fig.35

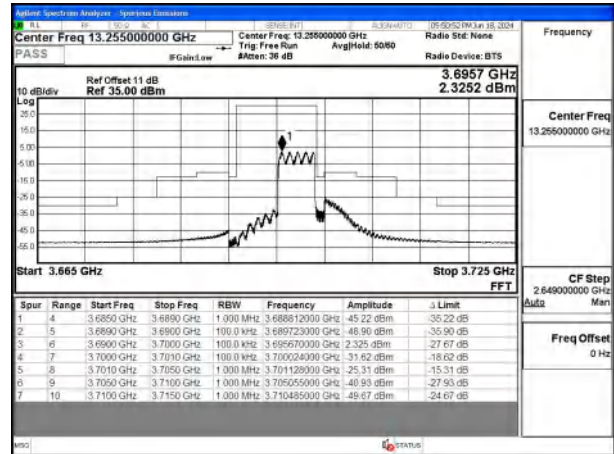


Fig.36

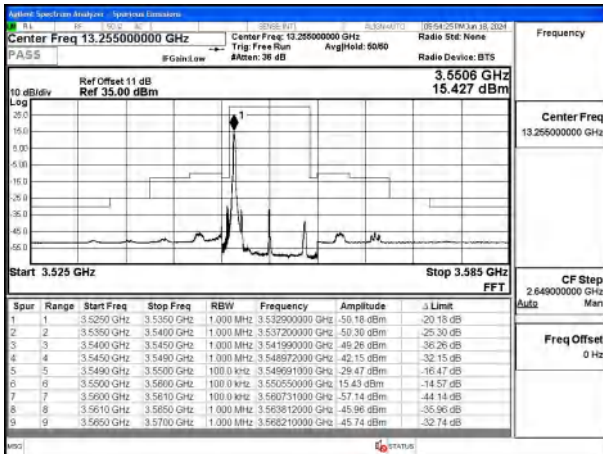


Fig.37

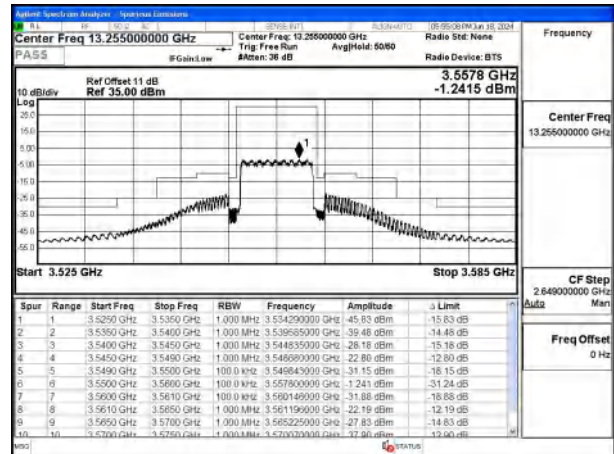


Fig.38

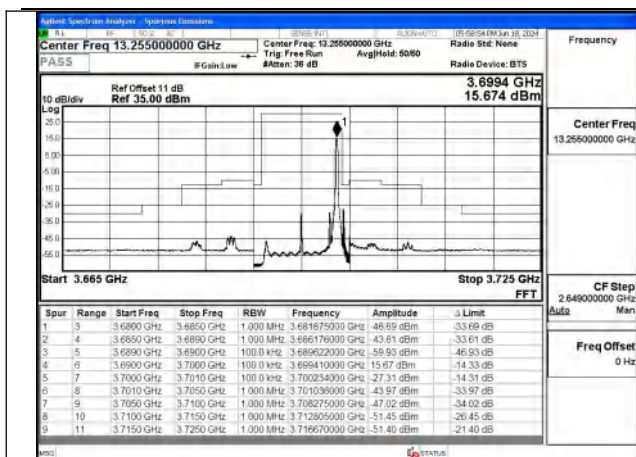


Fig.39

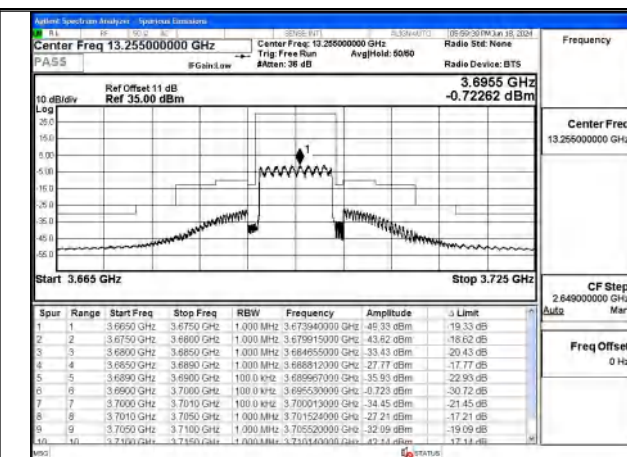


Fig.40

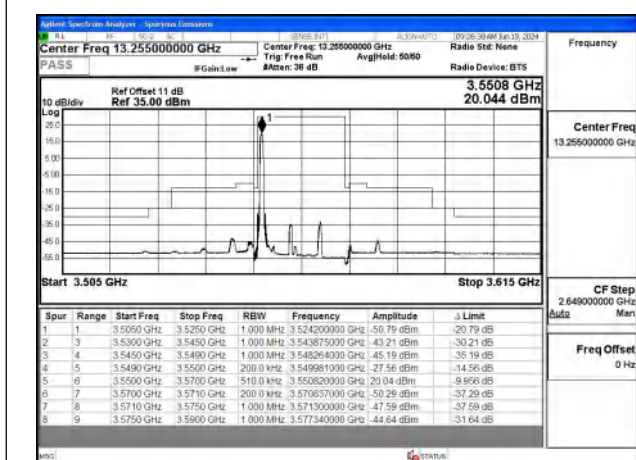


Fig.41

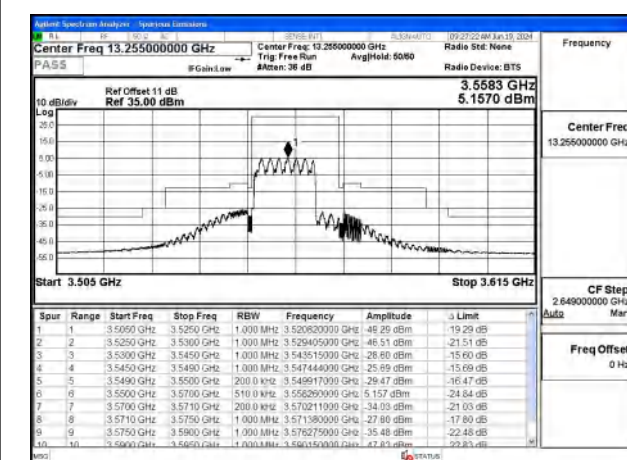


Fig.42

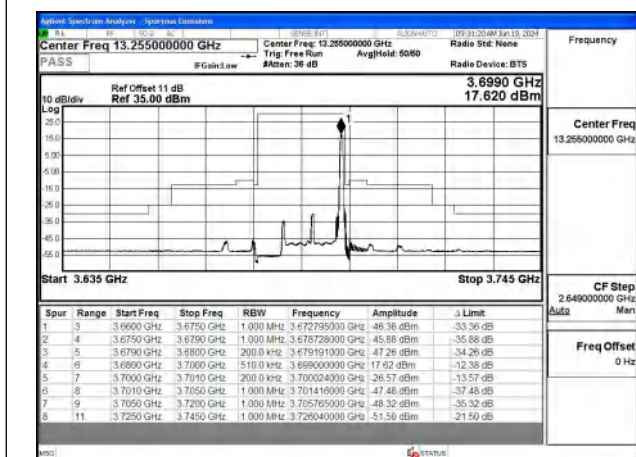


Fig.43

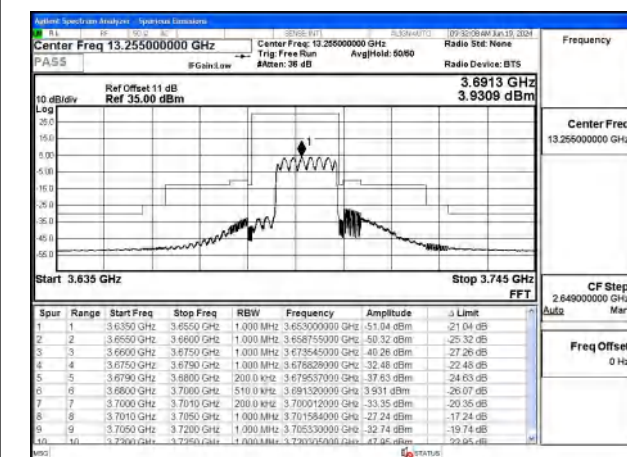


Fig.44

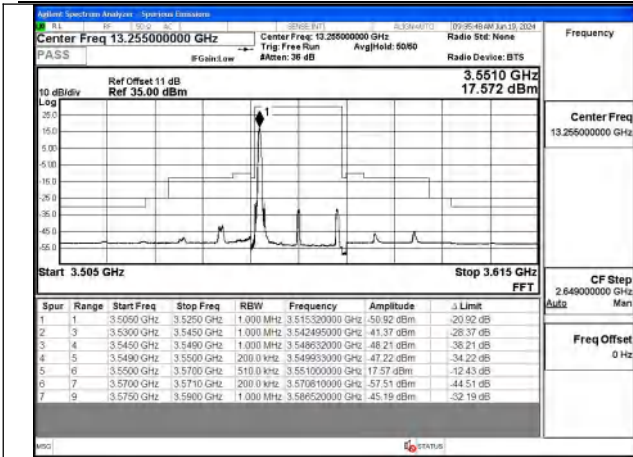


Fig.45

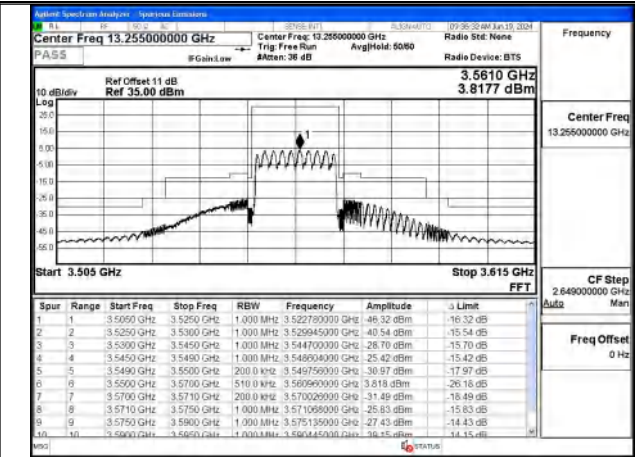


Fig.46

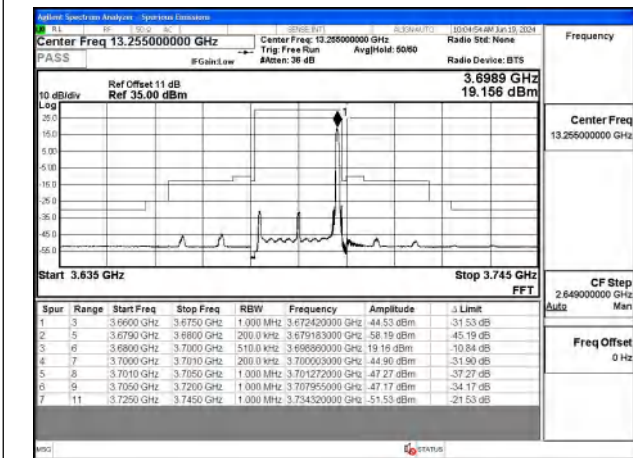


Fig.47

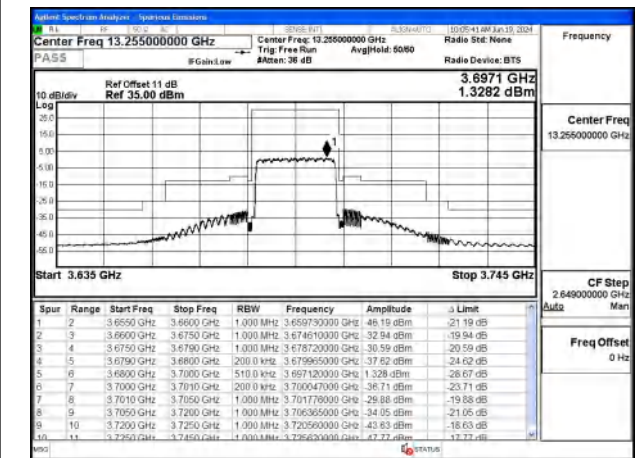


Fig.48

7 Frequency Stability

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

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

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3552.5	55265	5	1	0	23.99	23.07	0.203
QPSK	3552.5	55265	5	1	12	23.96	23.04	0.201
QPSK	3552.5	55265	5	1	24	24.02	23.10	0.204
QPSK	3552.5	55265	5	12	0	23.20	22.28	0.169
QPSK	3552.5	55265	5	12	7	23.22	22.30	0.170
QPSK	3552.5	55265	5	12	13	23.22	22.30	0.170
QPSK	3552.5	55265	5	25	0	23.26	22.34	0.171
QPSK	3625	55990	5	1	0	23.26	22.34	0.171
QPSK	3625	55990	5	1	12	23.25	22.33	0.171
QPSK	3625	55990	5	1	24	23.12	22.20	0.166
QPSK	3625	55990	5	12	0	22.35	21.43	0.139
QPSK	3625	55990	5	12	7	22.35	21.43	0.139
QPSK	3625	55990	5	12	13	22.25	21.33	0.136
QPSK	3625	55990	5	25	0	22.31	21.39	0.138
QPSK	3697.5	56715	5	1	0	23.58	22.66	0.185
QPSK	3697.5	56715	5	1	12	23.62	22.70	0.186
QPSK	3697.5	56715	5	1	24	23.57	22.65	0.184
QPSK	3697.5	56715	5	12	0	22.75	21.83	0.152
QPSK	3697.5	56715	5	12	7	22.73	21.81	0.152
QPSK	3697.5	56715	5	12	13	22.71	21.79	0.151
QPSK	3697.5	56715	5	25	0	22.80	21.88	0.154

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	23.12	22.20	0.166
16QAM	3552.5	55265	5	1	12	23.17	22.25	0.168
16QAM	3552.5	55265	5	1	24	23.07	22.15	0.164
16QAM	3552.5	55265	5	12	0	22.15	21.23	0.133
16QAM	3552.5	55265	5	12	7	22.16	21.24	0.133
16QAM	3552.5	55265	5	12	13	22.08	21.16	0.131
16QAM	3552.5	55265	5	25	0	22.11	21.19	0.132
16QAM	3625	55990	5	1	0	22.48	21.56	0.143
16QAM	3625	55990	5	1	12	22.41	21.49	0.141
16QAM	3625	55990	5	1	24	22.37	21.45	0.140
16QAM	3625	55990	5	12	0	21.27	20.35	0.108
16QAM	3625	55990	5	12	7	21.47	20.55	0.114
16QAM	3625	55990	5	12	13	21.36	20.44	0.111
16QAM	3625	55990	5	25	0	21.32	20.40	0.110
16QAM	3697.5	56715	5	1	0	22.99	22.07	0.161
16QAM	3697.5	56715	5	1	12	22.85	21.93	0.156
16QAM	3697.5	56715	5	1	24	22.78	21.86	0.153
16QAM	3697.5	56715	5	12	0	21.75	20.83	0.121
16QAM	3697.5	56715	5	12	7	21.74	20.82	0.121
16QAM	3697.5	56715	5	12	13	21.81	20.89	0.123
16QAM	3697.5	56715	5	25	0	21.89	20.97	0.125
64QAM	3552.5	55265	5	1	0	23.03	22.11	0.163
64QAM	3552.5	55265	5	1	12	22.99	22.07	0.161
64QAM	3552.5	55265	5	1	24	23.25	22.33	0.171
64QAM	3552.5	55265	5	12	0	22.07	21.15	0.130
64QAM	3552.5	55265	5	12	7	22.20	21.28	0.134
64QAM	3552.5	55265	5	12	13	22.12	21.20	0.132
64QAM	3552.5	55265	5	25	0	22.10	21.18	0.131
64QAM	3625	55990	5	1	0	22.42	21.50	0.141
64QAM	3625	55990	5	1	12	22.37	21.45	0.140
64QAM	3625	55990	5	1	24	22.42	21.50	0.141
64QAM	3625	55990	5	12	0	21.42	20.50	0.112
64QAM	3625	55990	5	12	7	21.24	20.32	0.108
64QAM	3625	55990	5	12	13	21.21	20.29	0.107
64QAM	3625	55990	5	25	0	21.24	20.32	0.108
64QAM	3697.5	56715	5	1	0	22.70	21.78	0.151
64QAM	3697.5	56715	5	1	12	22.70	21.78	0.151
64QAM	3697.5	56715	5	1	24	22.84	21.92	0.156
64QAM	3697.5	56715	5	12	0	21.81	20.89	0.123
64QAM	3697.5	56715	5	12	7	21.71	20.79	0.120
64QAM	3697.5	56715	5	12	13	21.78	20.86	0.122
64QAM	3697.5	56715	5	25	0	21.81	20.89	0.123

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	24.00	23.08	0.203
QPSK	3555	55290	10	1	25	24.12	23.20	0.209
QPSK	3555	55290	10	1	49	24.08	23.16	0.207
QPSK	3555	55290	10	25	0	23.20	22.28	0.169
QPSK	3555	55290	10	25	12	23.20	22.28	0.169
QPSK	3555	55290	10	25	25	23.25	22.33	0.171
QPSK	3555	55290	10	50	0	23.42	22.50	0.178
QPSK	3625	55990	10	1	0	23.30	22.38	0.173
QPSK	3625	55990	10	1	25	23.19	22.27	0.169
QPSK	3625	55990	10	1	49	23.40	22.48	0.177
QPSK	3625	55990	10	25	0	22.35	21.43	0.139
QPSK	3625	55990	10	25	12	22.52	21.60	0.145
QPSK	3625	55990	10	25	25	22.33	21.41	0.138
QPSK	3625	55990	10	50	0	22.48	21.56	0.143
QPSK	3695	56690	10	1	0	23.68	22.76	0.189
QPSK	3695	56690	10	1	25	23.73	22.81	0.191
QPSK	3695	56690	10	1	49	23.62	22.70	0.186
QPSK	3695	56690	10	25	0	22.81	21.89	0.155
QPSK	3695	56690	10	25	12	22.91	21.99	0.158
QPSK	3695	56690	10	25	25	22.80	21.88	0.154
QPSK	3695	56690	10	50	0	22.86	21.94	0.156

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	23.10	22.18	0.165
16QAM	3555	55290	10	1	25	23.20	22.28	0.169
16QAM	3555	55290	10	1	49	23.25	22.33	0.171
16QAM	3555	55290	10	25	0	22.16	21.24	0.133
16QAM	3555	55290	10	25	12	22.23	21.31	0.135
16QAM	3555	55290	10	25	25	22.30	21.38	0.137
16QAM	3555	55290	10	50	0	22.30	21.38	0.137
16QAM	3625	55990	10	1	0	22.43	21.51	0.142
16QAM	3625	55990	10	1	25	22.58	21.66	0.147
16QAM	3625	55990	10	1	49	22.65	21.73	0.149
16QAM	3625	55990	10	25	0	21.52	20.60	0.115
16QAM	3625	55990	10	25	12	21.44	20.52	0.113
16QAM	3625	55990	10	25	25	21.35	20.43	0.110
16QAM	3625	55990	10	50	0	21.41	20.49	0.112
16QAM	3695	56690	10	1	0	22.97	22.05	0.160
16QAM	3695	56690	10	1	25	22.92	22.00	0.158
16QAM	3695	56690	10	1	49	22.92	22.00	0.158
16QAM	3695	56690	10	25	0	22.00	21.08	0.128
16QAM	3695	56690	10	25	12	21.81	20.89	0.123
16QAM	3695	56690	10	25	25	21.80	20.88	0.122
16QAM	3695	56690	10	50	0	21.89	20.97	0.125
64QAM	3555	55290	10	1	0	23.10	22.18	0.165
64QAM	3555	55290	10	1	25	23.15	22.23	0.167
64QAM	3555	55290	10	1	49	23.19	22.27	0.169
64QAM	3555	55290	10	25	0	22.18	21.26	0.134
64QAM	3555	55290	10	25	12	22.26	21.34	0.136
64QAM	3555	55290	10	25	25	22.23	21.31	0.135
64QAM	3555	55290	10	50	0	22.15	21.23	0.133
64QAM	3625	55990	10	1	0	22.46	21.54	0.143
64QAM	3625	55990	10	1	25	22.49	21.57	0.144
64QAM	3625	55990	10	1	49	22.53	21.61	0.145
64QAM	3625	55990	10	25	0	21.45	20.53	0.113
64QAM	3625	55990	10	25	12	21.37	20.45	0.111
64QAM	3625	55990	10	25	25	21.29	20.37	0.109
64QAM	3625	55990	10	50	0	21.35	20.43	0.110
64QAM	3695	56690	10	1	0	22.79	21.87	0.154
64QAM	3695	56690	10	1	25	22.78	21.86	0.153
64QAM	3695	56690	10	1	49	22.78	21.86	0.153
64QAM	3695	56690	10	25	0	21.74	20.82	0.121
64QAM	3695	56690	10	25	12	21.85	20.93	0.124
64QAM	3695	56690	10	25	25	21.93	21.01	0.126
64QAM	3695	56690	10	50	0	21.82	20.90	0.123

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	23.88	22.96	0.198
QPSK	3557.5	55315	15	1	37	24.23	23.31	0.214
QPSK	3557.5	55315	15	1	74	24.46	23.54	0.226
QPSK	3557.5	55315	15	36	0	23.27	22.35	0.172
QPSK	3557.5	55315	15	36	29	23.40	22.48	0.177
QPSK	3557.5	55315	15	36	30	23.31	22.39	0.173
QPSK	3557.5	55315	15	75	0	23.33	22.41	0.174
QPSK	3625	55990	15	1	0	23.07	22.15	0.164
QPSK	3625	55990	15	1	37	23.29	22.37	0.173
QPSK	3625	55990	15	1	74	23.25	22.33	0.171
QPSK	3625	55990	15	36	0	22.43	21.51	0.142
QPSK	3625	55990	15	36	29	22.55	21.63	0.146
QPSK	3625	55990	15	36	30	22.55	21.63	0.146
QPSK	3625	55990	15	75	0	22.33	21.41	0.138
QPSK	3692.5	56665	15	1	0	23.86	22.94	0.197
QPSK	3692.5	56665	15	1	37	23.81	22.89	0.195
QPSK	3692.5	56665	15	1	74	23.73	22.81	0.191
QPSK	3692.5	56665	15	36	0	22.79	21.87	0.154
QPSK	3692.5	56665	15	36	29	22.98	22.06	0.161
QPSK	3692.5	56665	15	36	30	22.79	21.87	0.154
QPSK	3692.5	56665	15	75	0	22.77	21.85	0.153

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	23.18	22.26	0.168
16QAM	3557.5	55315	15	1	37	23.27	22.35	0.172
16QAM	3557.5	55315	15	1	74	23.47	22.55	0.180
16QAM	3557.5	55315	15	36	0	22.09	21.17	0.131
16QAM	3557.5	55315	15	36	29	22.40	21.48	0.141
16QAM	3557.5	55315	15	36	30	22.40	21.48	0.141
16QAM	3557.5	55315	15	75	0	22.37	21.45	0.140
16QAM	3625	55990	15	1	0	22.32	21.40	0.138
16QAM	3625	55990	15	1	37	22.39	21.47	0.140
16QAM	3625	55990	15	1	74	22.61	21.69	0.148
16QAM	3625	55990	15	36	0	21.41	20.49	0.112
16QAM	3625	55990	15	36	29	21.36	20.44	0.111
16QAM	3625	55990	15	36	30	21.36	20.44	0.111
16QAM	3625	55990	15	75	0	21.57	20.65	0.116
16QAM	3692.5	56665	15	1	0	22.89	21.97	0.157
16QAM	3692.5	56665	15	1	37	23.10	22.18	0.165
16QAM	3692.5	56665	15	1	74	23.10	22.18	0.165
16QAM	3692.5	56665	15	36	0	21.94	21.02	0.126
16QAM	3692.5	56665	15	36	29	21.96	21.04	0.127
16QAM	3692.5	56665	15	36	30	21.85	20.93	0.124
16QAM	3692.5	56665	15	75	0	21.89	20.97	0.125
64QAM	3557.5	55315	15	1	0	23.08	22.16	0.164
64QAM	3557.5	55315	15	1	37	23.23	22.31	0.170
64QAM	3557.5	55315	15	1	74	23.43	22.51	0.178
64QAM	3557.5	55315	15	36	0	22.09	21.17	0.131
64QAM	3557.5	55315	15	36	29	22.31	21.39	0.138
64QAM	3557.5	55315	15	36	30	22.21	21.29	0.135
64QAM	3557.5	55315	15	75	0	22.27	21.35	0.136
64QAM	3625	55990	15	1	0	22.28	21.36	0.137
64QAM	3625	55990	15	1	37	22.29	21.37	0.137
64QAM	3625	55990	15	1	74	22.33	21.41	0.138
64QAM	3625	55990	15	36	0	21.32	20.40	0.110
64QAM	3625	55990	15	36	29	21.36	20.44	0.111
64QAM	3625	55990	15	36	30	21.36	20.44	0.111
64QAM	3625	55990	15	75	0	21.37	20.45	0.111
64QAM	3692.5	56665	15	1	0	22.80	21.88	0.154
64QAM	3692.5	56665	15	1	37	22.78	21.86	0.153
64QAM	3692.5	56665	15	1	74	22.89	21.97	0.157
64QAM	3692.5	56665	15	36	0	21.95	21.03	0.127
64QAM	3692.5	56665	15	36	29	21.96	21.04	0.127
64QAM	3692.5	56665	15	36	30	21.86	20.94	0.124
64QAM	3692.5	56665	15	75	0	21.88	20.96	0.125

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	24.01	23.09	0.204
QPSK	3560	55340	20	1	49	24.22	23.30	0.214
QPSK	3560	55340	20	1	99	24.53	23.61	0.230
QPSK	3560	55340	20	50	0	23.45	22.53	0.179
QPSK	3560	55340	20	50	24	23.39	22.47	0.177
QPSK	3560	55340	20	50	50	23.65	22.73	0.187
QPSK	3560	55340	20	100	0	23.59	22.67	0.185
QPSK	3625	55990	20	1	0	23.23	22.31	0.170
QPSK	3625	55990	20	1	49	23.31	22.39	0.173
QPSK	3625	55990	20	1	99	23.37	22.45	0.176
QPSK	3625	55990	20	50	0	22.46	21.54	0.143
QPSK	3625	55990	20	50	24	22.31	21.39	0.138
QPSK	3625	55990	20	50	50	22.47	21.55	0.143
QPSK	3625	55990	20	100	0	22.29	21.37	0.137
QPSK	3690	56640	20	1	0	23.77	22.85	0.193
QPSK	3690	56640	20	1	49	23.90	22.98	0.199
QPSK	3690	56640	20	1	99	23.93	23.01	0.200
QPSK	3690	56640	20	50	0	22.94	22.02	0.159
QPSK	3690	56640	20	50	24	22.89	21.97	0.157
QPSK	3690	56640	20	50	50	23.03	22.11	0.163
QPSK	3690	56640	20	100	0	22.95	22.03	0.160

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	23.07	22.15	0.164
16QAM	3560	55340	20	1	49	23.37	22.45	0.176
16QAM	3560	55340	20	1	99	23.54	22.62	0.183
16QAM	3560	55340	20	50	0	22.45	21.53	0.142
16QAM	3560	55340	20	50	24	22.51	21.59	0.144
16QAM	3560	55340	20	50	50	22.58	21.66	0.147
16QAM	3560	55340	20	100	0	22.53	21.61	0.145
16QAM	3625	55990	20	1	0	22.45	21.53	0.142
16QAM	3625	55990	20	1	49	22.45	21.53	0.142
16QAM	3625	55990	20	1	99	22.60	21.68	0.147
16QAM	3625	55990	20	50	0	21.51	20.59	0.115
16QAM	3625	55990	20	50	24	21.45	20.53	0.113
16QAM	3625	55990	20	50	50	21.61	20.69	0.117
16QAM	3625	55990	20	100	0	21.52	20.60	0.115
16QAM	3690	56640	20	1	0	23.06	22.14	0.164
16QAM	3690	56640	20	1	49	23.10	22.18	0.165
16QAM	3690	56640	20	1	99	22.96	22.04	0.160
16QAM	3690	56640	20	50	0	21.86	20.94	0.124
16QAM	3690	56640	20	50	24	21.92	21.00	0.126
16QAM	3690	56640	20	50	50	22.07	21.15	0.130
16QAM	3690	56640	20	100	0	22.07	21.15	0.130
64QAM	3560	55340	20	1	0	23.07	22.15	0.164
64QAM	3560	55340	20	1	49	23.39	22.47	0.177
64QAM	3560	55340	20	1	99	23.47	22.55	0.180
64QAM	3560	55340	20	50	0	22.28	21.36	0.137
64QAM	3560	55340	20	50	24	22.41	21.49	0.141
64QAM	3560	55340	20	50	50	22.58	21.66	0.147
64QAM	3560	55340	20	100	0	22.51	21.59	0.144
64QAM	3625	55990	20	1	0	22.31	21.39	0.138
64QAM	3625	55990	20	1	49	22.52	21.60	0.145
64QAM	3625	55990	20	1	99	22.39	21.47	0.140
64QAM	3625	55990	20	50	0	21.44	20.52	0.113
64QAM	3625	55990	20	50	24	21.49	20.57	0.114
64QAM	3625	55990	20	50	50	21.55	20.63	0.116
64QAM	3625	55990	20	100	0	21.54	20.62	0.115
64QAM	3690	56640	20	1	0	22.70	21.78	0.151
64QAM	3690	56640	20	1	49	22.88	21.96	0.157
64QAM	3690	56640	20	1	99	23.01	22.09	0.162
64QAM	3690	56640	20	50	0	21.90	20.98	0.125
64QAM	3690	56640	20	50	24	21.87	20.95	0.124
64QAM	3690	56640	20	50	50	22.00	21.08	0.128
64QAM	3690	56640	20	100	0	21.90	20.98	0.125