

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 43(3700-3800 MHz)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3702.5	44615	5	1	0	25.17
QPSK	3702.5	44615	5	1	12	24.86
QPSK	3702.5	44615	5	1	24	24.84
QPSK	3702.5	44615	5	12	0	23.86
QPSK	3702.5	44615	5	12	7	23.91
QPSK	3702.5	44615	5	12	13	23.89
QPSK	3702.5	44615	5	25	0	23.86
QPSK	3750	45090	5	1	0	25.10
QPSK	3750	45090	5	1	12	25.12
QPSK	3750	45090	5	1	24	25.11
QPSK	3750	45090	5	12	0	24.11
QPSK	3750	45090	5	12	7	24.14
QPSK	3750	45090	5	12	13	24.12
QPSK	3750	45090	5	25	0	24.11
QPSK	3797.5	45565	5	1	0	25.06
QPSK	3797.5	45565	5	1	12	25.08
QPSK	3797.5	45565	5	1	24	25.08
QPSK	3797.5	45565	5	12	0	24.16
QPSK	3797.5	45565	5	12	7	24.18
QPSK	3797.5	45565	5	12	13	24.16
QPSK	3797.5	45565	5	25	0	24.15

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3702.5	44615	5	1	0	24.27
16QAM	3702.5	44615	5	1	12	24.21
16QAM	3702.5	44615	5	1	24	24.01
16QAM	3702.5	44615	5	12	0	22.89
16QAM	3702.5	44615	5	12	7	22.88
16QAM	3702.5	44615	5	12	13	22.92
16QAM	3702.5	44615	5	25	0	22.90
16QAM	3750	45090	5	1	0	24.37
16QAM	3750	45090	5	1	12	24.36
16QAM	3750	45090	5	1	24	24.63
16QAM	3750	45090	5	12	0	23.09
16QAM	3750	45090	5	12	7	23.23
16QAM	3750	45090	5	12	13	23.10
16QAM	3750	45090	5	25	0	23.20
16QAM	3797.5	45565	5	1	0	24.38
16QAM	3797.5	45565	5	1	12	24.37
16QAM	3797.5	45565	5	1	24	24.25
16QAM	3797.5	45565	5	12	0	23.15
16QAM	3797.5	45565	5	12	7	23.27
16QAM	3797.5	45565	5	12	13	23.24
16QAM	3797.5	45565	5	25	0	23.22
64QAM	3702.5	44615	5	1	0	23.99
64QAM	3702.5	44615	5	1	12	23.99
64QAM	3702.5	44615	5	1	24	23.85
64QAM	3702.5	44615	5	12	0	22.96
64QAM	3702.5	44615	5	12	7	22.99
64QAM	3702.5	44615	5	12	13	22.89
64QAM	3702.5	44615	5	25	0	22.86
64QAM	3750	45090	5	1	0	24.69
64QAM	3750	45090	5	1	12	24.73
64QAM	3750	45090	5	1	24	24.28
64QAM	3750	45090	5	12	0	23.16
64QAM	3750	45090	5	12	7	23.24
64QAM	3750	45090	5	12	13	23.19
64QAM	3750	45090	5	25	0	23.18
64QAM	3797.5	45565	5	1	0	24.33
64QAM	3797.5	45565	5	1	12	24.36
64QAM	3797.5	45565	5	1	24	24.11
64QAM	3797.5	45565	5	12	0	23.17
64QAM	3797.5	45565	5	12	7	23.27
64QAM	3797.5	45565	5	12	13	23.19
64QAM	3797.5	45565	5	25	0	23.21

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3705	44640	10	1	0	24.72
QPSK	3705	44640	10	1	25	24.78
QPSK	3705	44640	10	1	49	24.76
QPSK	3705	44640	10	25	0	23.82
QPSK	3705	44640	10	25	12	23.85
QPSK	3705	44640	10	25	25	23.89
QPSK	3705	44640	10	50	0	23.86
QPSK	3750	45090	10	1	0	24.97
QPSK	3750	45090	10	1	25	25.02
QPSK	3750	45090	10	1	49	24.95
QPSK	3750	45090	10	25	0	24.09
QPSK	3750	45090	10	25	12	24.09
QPSK	3750	45090	10	25	25	24.13
QPSK	3750	45090	10	50	0	24.12
QPSK	3795	45540	10	1	0	24.98
QPSK	3795	45540	10	1	25	25.04
QPSK	3795	45540	10	1	49	25.02
QPSK	3795	45540	10	25	0	24.14
QPSK	3795	45540	10	25	12	24.15
QPSK	3795	45540	10	25	25	24.17
QPSK	3795	45540	10	50	0	24.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3705	44640	10	1	0	23.61
16QAM	3705	44640	10	1	25	23.69
16QAM	3705	44640	10	1	49	24.14
16QAM	3705	44640	10	25	0	22.85
16QAM	3705	44640	10	25	12	22.86
16QAM	3705	44640	10	25	25	22.97
16QAM	3705	44640	10	50	0	22.84
16QAM	3750	45090	10	1	0	24.27
16QAM	3750	45090	10	1	25	24.32
16QAM	3750	45090	10	1	49	24.12
16QAM	3750	45090	10	25	0	23.24
16QAM	3750	45090	10	25	12	23.12
16QAM	3750	45090	10	25	25	23.14
16QAM	3750	45090	10	50	0	23.11
16QAM	3795	45540	10	1	0	24.42
16QAM	3795	45540	10	1	25	24.65
16QAM	3795	45540	10	1	49	24.29
16QAM	3795	45540	10	25	0	23.15
16QAM	3795	45540	10	25	12	23.23
16QAM	3795	45540	10	25	25	23.29
16QAM	3795	45540	10	50	0	23.19
64QAM	3705	44640	10	1	0	23.84
64QAM	3705	44640	10	1	25	24.33
64QAM	3705	44640	10	1	49	23.65
64QAM	3705	44640	10	25	0	22.86
64QAM	3705	44640	10	25	12	22.90
64QAM	3705	44640	10	25	25	22.89
64QAM	3705	44640	10	50	0	22.90
64QAM	3750	45090	10	1	0	24.02
64QAM	3750	45090	10	1	25	24.36
64QAM	3750	45090	10	1	49	24.24
64QAM	3750	45090	10	25	0	23.13
64QAM	3750	45090	10	25	12	23.12
64QAM	3750	45090	10	25	25	23.10
64QAM	3750	45090	10	50	0	23.14
64QAM	3795	45540	10	1	0	24.02
64QAM	3795	45540	10	1	25	24.14
64QAM	3795	45540	10	1	49	24.52
64QAM	3795	45540	10	25	0	23.12
64QAM	3795	45540	10	25	12	23.17
64QAM	3795	45540	10	25	25	23.19
64QAM	3795	45540	10	50	0	23.24

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3707.5	44665	15	1	0	24.70
QPSK	3707.5	44665	15	1	37	24.75
QPSK	3707.5	44665	15	1	74	24.82
QPSK	3707.5	44665	15	36	0	23.73
QPSK	3707.5	44665	15	36	29	23.77
QPSK	3707.5	44665	15	36	30	23.77
QPSK	3707.5	44665	15	75	0	23.77
QPSK	3750	45090	15	1	0	24.89
QPSK	3750	45090	15	1	37	24.93
QPSK	3750	45090	15	1	74	24.93
QPSK	3750	45090	15	36	0	23.95
QPSK	3750	45090	15	36	29	23.96
QPSK	3750	45090	15	36	30	23.97
QPSK	3750	45090	15	75	0	23.96
QPSK	3792.5	45515	15	1	0	24.91
QPSK	3792.5	45515	15	1	37	24.97
QPSK	3792.5	45515	15	1	74	24.99
QPSK	3792.5	45515	15	36	0	24.00
QPSK	3792.5	45515	15	36	29	24.03
QPSK	3792.5	45515	15	36	30	24.03
QPSK	3792.5	45515	15	75	0	24.02

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3707.5	44665	15	1	0	23.87
16QAM	3707.5	44665	15	1	37	24.13
16QAM	3707.5	44665	15	1	74	24.20
16QAM	3707.5	44665	15	36	0	22.75
16QAM	3707.5	44665	15	36	29	22.81
16QAM	3707.5	44665	15	36	30	22.83
16QAM	3707.5	44665	15	75	0	22.74
16QAM	3750	45090	15	1	0	23.87
16QAM	3750	45090	15	1	37	24.45
16QAM	3750	45090	15	1	74	23.90
16QAM	3750	45090	15	36	0	22.93
16QAM	3750	45090	15	36	29	22.99
16QAM	3750	45090	15	36	30	22.96
16QAM	3750	45090	15	75	0	22.99
16QAM	3792.5	45515	15	1	0	24.00
16QAM	3792.5	45515	15	1	37	24.40
16QAM	3792.5	45515	15	1	74	24.32
16QAM	3792.5	45515	15	36	0	23.00
16QAM	3792.5	45515	15	36	29	23.08
16QAM	3792.5	45515	15	36	30	23.08
16QAM	3792.5	45515	15	75	0	23.07
64QAM	3707.5	44665	15	1	0	23.88
64QAM	3707.5	44665	15	1	37	24.04
64QAM	3707.5	44665	15	1	74	23.89
64QAM	3707.5	44665	15	36	0	22.78
64QAM	3707.5	44665	15	36	29	22.83
64QAM	3707.5	44665	15	36	30	22.83
64QAM	3707.5	44665	15	75	0	22.80
64QAM	3750	45090	15	1	0	23.90
64QAM	3750	45090	15	1	37	24.32
64QAM	3750	45090	15	1	74	24.01
64QAM	3750	45090	15	36	0	22.97
64QAM	3750	45090	15	36	29	23.01
64QAM	3750	45090	15	36	30	22.97
64QAM	3750	45090	15	75	0	22.97
64QAM	3792.5	45515	15	1	0	24.09
64QAM	3792.5	45515	15	1	37	24.02
64QAM	3792.5	45515	15	1	74	24.12
64QAM	3792.5	45515	15	36	0	23.05
64QAM	3792.5	45515	15	36	29	23.05
64QAM	3792.5	45515	15	36	30	23.08
64QAM	3792.5	45515	15	75	0	23.01

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3710	44690	20	1	0	24.69
QPSK	3710	44690	20	1	49	24.78
QPSK	3710	44690	20	1	99	24.85
QPSK	3710	44690	20	50	0	23.81
QPSK	3710	44690	20	50	24	23.82
QPSK	3710	44690	20	50	50	23.91
QPSK	3710	44690	20	100	0	23.87
QPSK	3750	45090	20	1	0	24.84
QPSK	3750	45090	20	1	49	24.88
QPSK	3750	45090	20	1	99	24.86
QPSK	3750	45090	20	50	0	24.01
QPSK	3750	45090	20	50	24	23.98
QPSK	3750	45090	20	50	50	24.07
QPSK	3750	45090	20	100	0	24.05
QPSK	3790	45490	20	1	0	24.90
QPSK	3790	45490	20	1	49	24.96
QPSK	3790	45490	20	1	99	24.98
QPSK	3790	45490	20	50	0	24.04
QPSK	3790	45490	20	50	24	24.02
QPSK	3790	45490	20	50	50	24.13
QPSK	3790	45490	20	100	0	24.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3710	44690	20	1	0	24.09
16QAM	3710	44690	20	1	49	24.20
16QAM	3710	44690	20	1	99	24.28
16QAM	3710	44690	20	50	0	22.83
16QAM	3710	44690	20	50	24	22.84
16QAM	3710	44690	20	50	50	22.93
16QAM	3710	44690	20	100	0	22.88
16QAM	3750	45090	20	1	0	24.32
16QAM	3750	45090	20	1	49	24.51
16QAM	3750	45090	20	1	99	24.15
16QAM	3750	45090	20	50	0	23.09
16QAM	3750	45090	20	50	24	23.02
16QAM	3750	45090	20	50	50	23.05
16QAM	3750	45090	20	100	0	23.03
16QAM	3790	45490	20	1	0	23.88
16QAM	3790	45490	20	1	49	23.97
16QAM	3790	45490	20	1	99	24.45
16QAM	3790	45490	20	50	0	23.06
16QAM	3790	45490	20	50	24	23.06
16QAM	3790	45490	20	50	50	23.15
16QAM	3790	45490	20	100	0	23.08
64QAM	3710	44690	20	1	0	24.02
64QAM	3710	44690	20	1	49	23.89
64QAM	3710	44690	20	1	99	24.04
64QAM	3710	44690	20	50	0	22.84
64QAM	3710	44690	20	50	24	22.78
64QAM	3710	44690	20	50	50	22.94
64QAM	3710	44690	20	100	0	22.83
64QAM	3750	45090	20	1	0	24.08
64QAM	3750	45090	20	1	49	24.12
64QAM	3750	45090	20	1	99	24.13
64QAM	3750	45090	20	50	0	22.98
64QAM	3750	45090	20	50	24	23.06
64QAM	3750	45090	20	50	50	23.03
64QAM	3750	45090	20	100	0	23.08
64QAM	3790	45490	20	1	0	24.31
64QAM	3790	45490	20	1	49	23.88
64QAM	3790	45490	20	1	99	23.98
64QAM	3790	45490	20	50	0	23.05
64QAM	3790	45490	20	50	24	23.09
64QAM	3790	45490	20	50	50	23.15
64QAM	3790	45490	20	100	0	23.10

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
43	QPSK	3702.5	44615	5	25	0	4.431	Fig.1
43	QPSK	3750	45090	5	25	0	4.477	Fig.2
43	QPSK	3797.5	45565	5	25	0	4.465	Fig.3
43	QPSK	3705	44640	10	50	0	8.924	Fig.4
43	QPSK	3750	45090	10	50	0	8.945	Fig.5
43	QPSK	3795	45540	10	50	0	8.845	Fig.6
43	QPSK	3707.5	44665	15	75	0	13.331	Fig.7
43	QPSK	3750	45090	15	75	0	13.293	Fig.8
43	QPSK	3792.5	45515	15	75	0	13.247	Fig.9
43	QPSK	3710	44690	20	100	0	17.834	Fig.10
43	QPSK	3750	45090	20	100	0	17.810	Fig.11
43	QPSK	3790	45490	20	100	0	17.773	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
43	16QAM	3702.5	44615	5	25	0	4.436	Fig.13
43	16QAM	3750	45090	5	25	0	4.474	Fig.14
43	16QAM	3797.5	45565	5	25	0	4.487	Fig.15
43	16QAM	3705	44640	10	50	0	8.938	Fig.16
43	16QAM	3750	45090	10	50	0	8.894	Fig.17
43	16QAM	3795	45540	10	50	0	8.931	Fig.18
43	16QAM	3707.5	44665	15	75	0	13.179	Fig.19
43	16QAM	3750	45090	15	75	0	13.382	Fig.20
43	16QAM	3792.5	45515	15	75	0	13.329	Fig.21
43	16QAM	3710	44690	20	100	0	17.740	Fig.22
43	16QAM	3750	45090	20	100	0	17.745	Fig.23
43	16QAM	3790	45490	20	100	0	17.941	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
43	64QAM	3702.5	44615	5	25	0	4.394	Fig.25
43	64QAM	3750	45090	5	25	0	4.482	Fig.26
43	64QAM	3797.5	45565	5	25	0	4.482	Fig.27
43	64QAM	3705	44640	10	50	0	8.870	Fig.28
43	64QAM	3750	45090	10	50	0	8.962	Fig.29
43	64QAM	3795	45540	10	50	0	8.934	Fig.30
43	64QAM	3707.5	44665	15	75	0	13.304	Fig.31
43	64QAM	3750	45090	15	75	0	13.316	Fig.32
43	64QAM	3792.5	45515	15	75	0	13.319	Fig.33
43	64QAM	3710	44690	20	100	0	17.729	Fig.34
43	64QAM	3750	45090	20	100	0	17.787	Fig.35
43	64QAM	3790	45490	20	100	0	17.820	Fig.36

Test Mode: QPSK

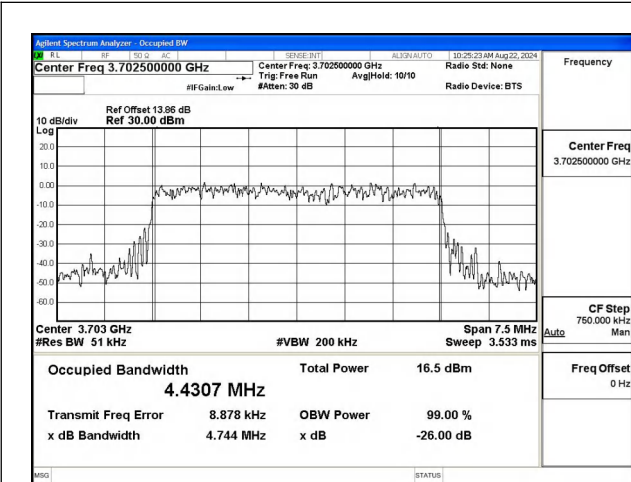


Fig.1

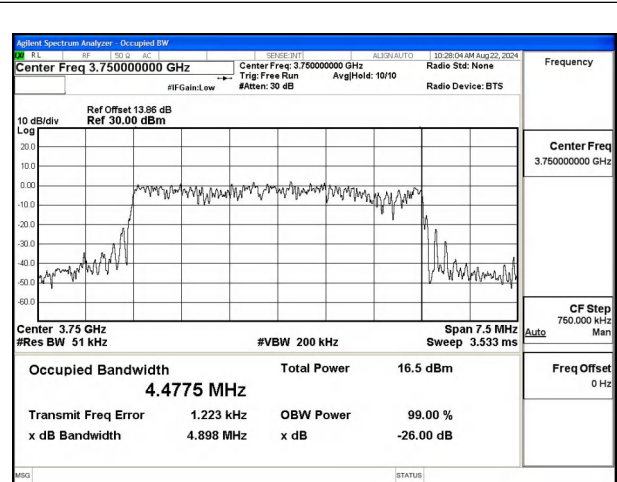


Fig.2

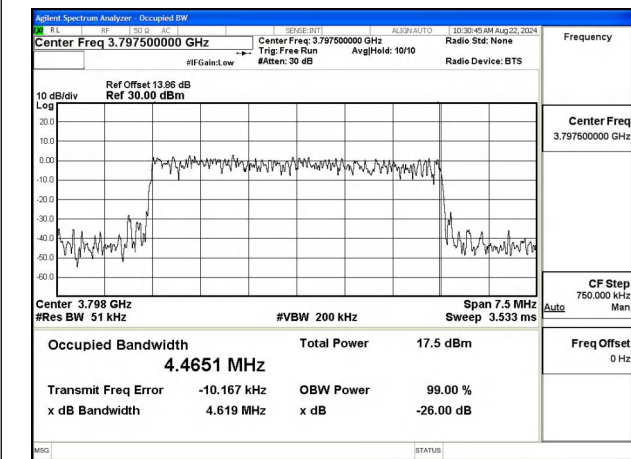


Fig.3

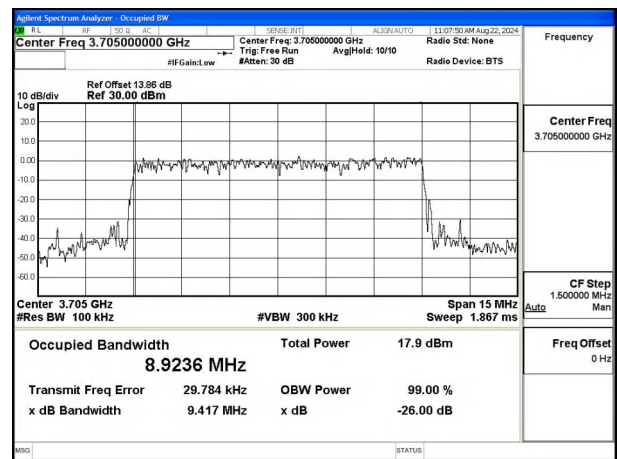


Fig.4

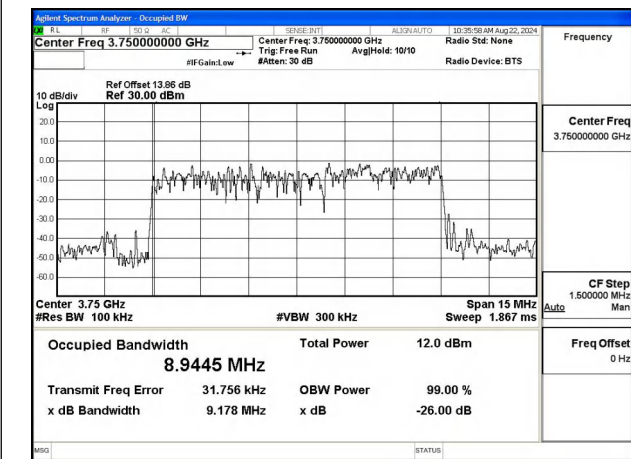


Fig.5

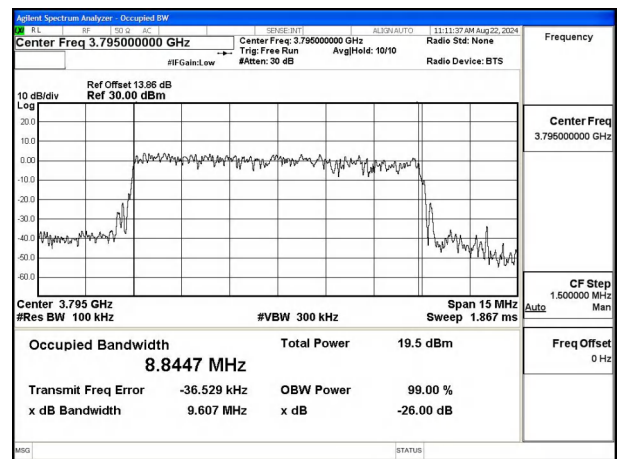


Fig.6

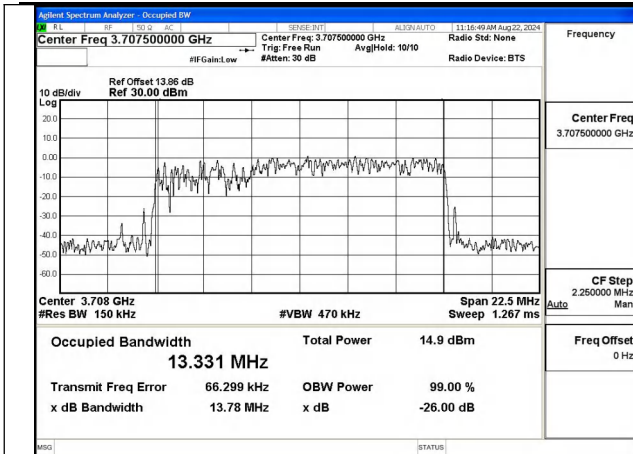


Fig.7

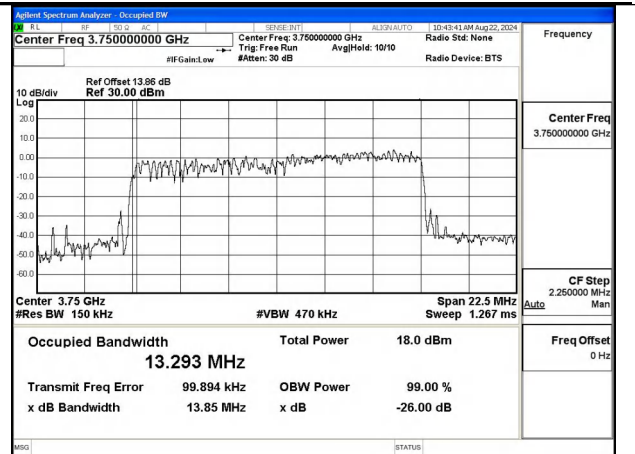


Fig.8

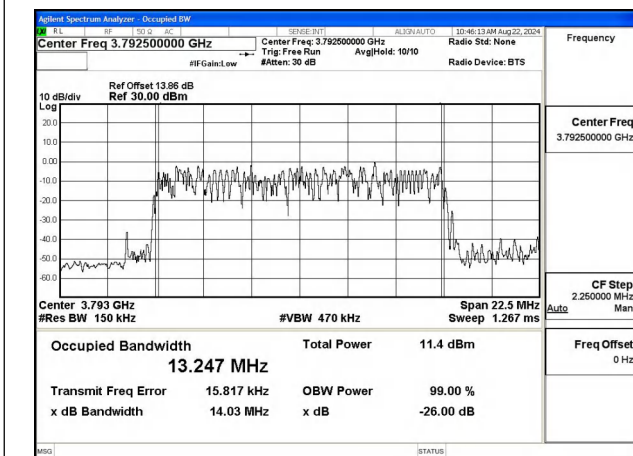


Fig.9

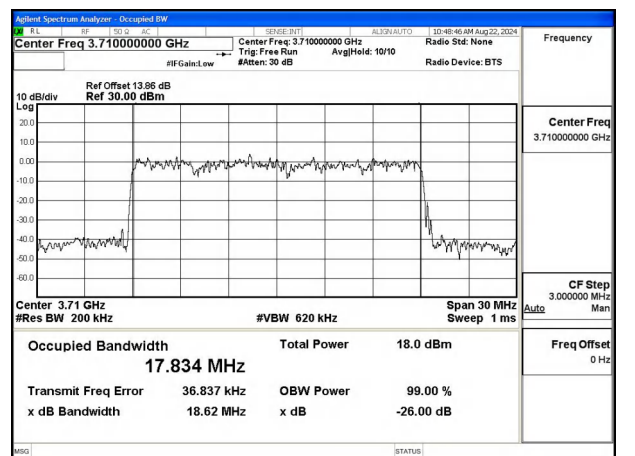


Fig.10

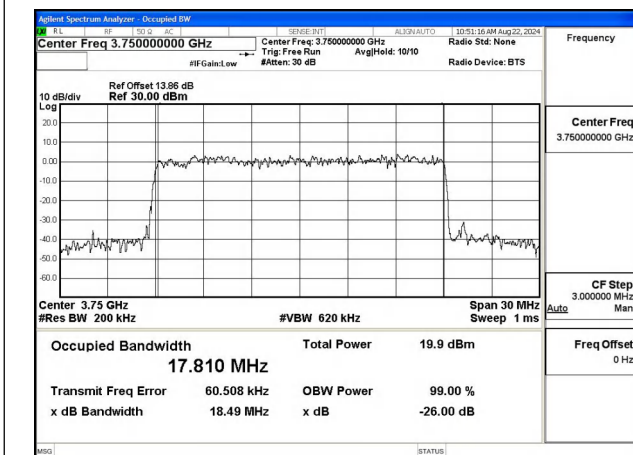


Fig.11

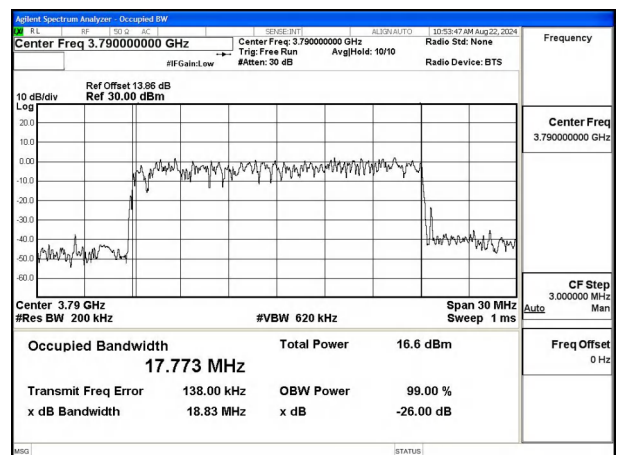


Fig.12

Test Mode: 16QAM

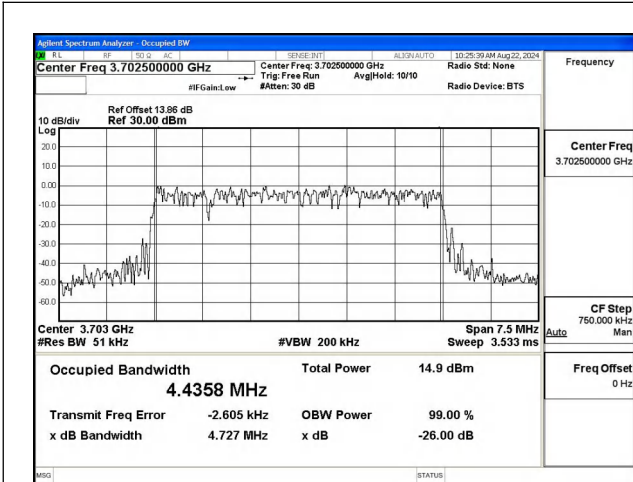


Fig.13

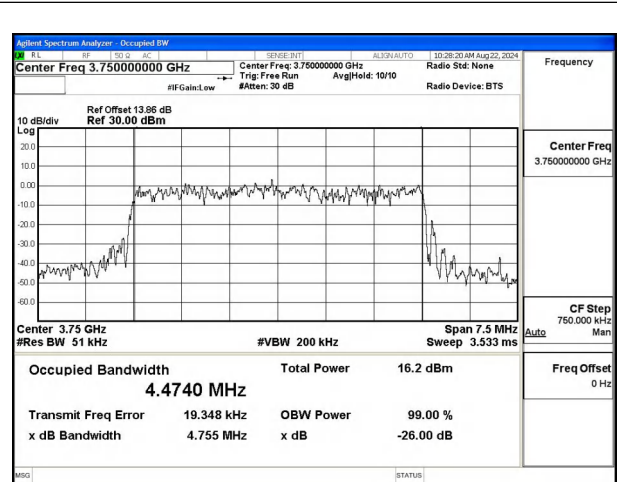


Fig.14

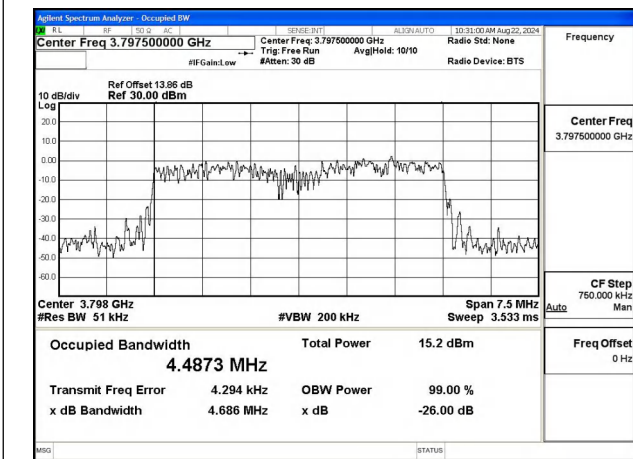


Fig.15

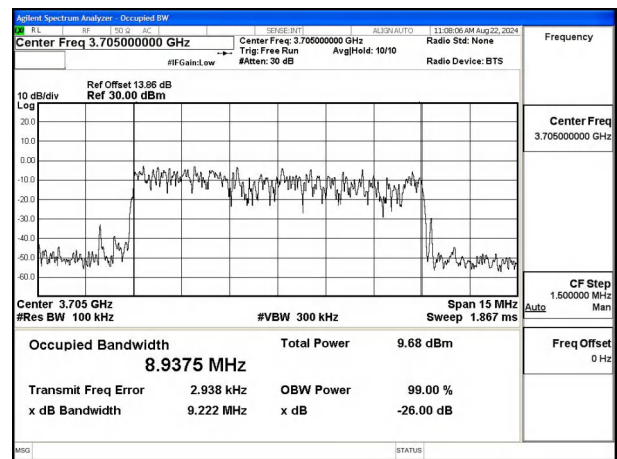


Fig.16

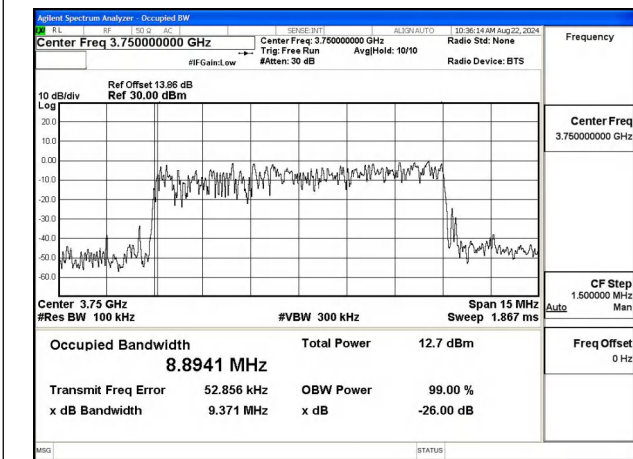


Fig.17

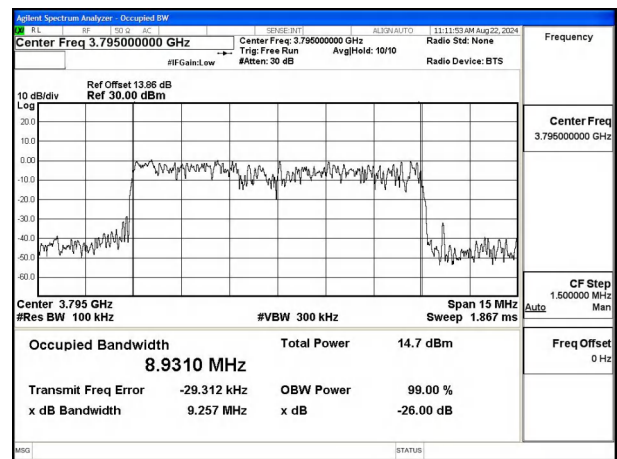


Fig.18

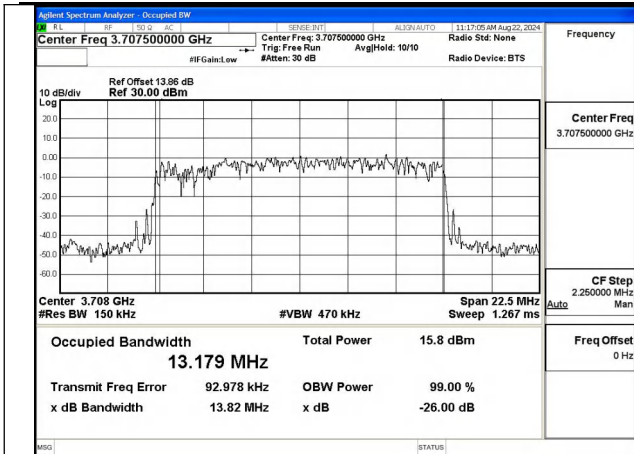


Fig.19

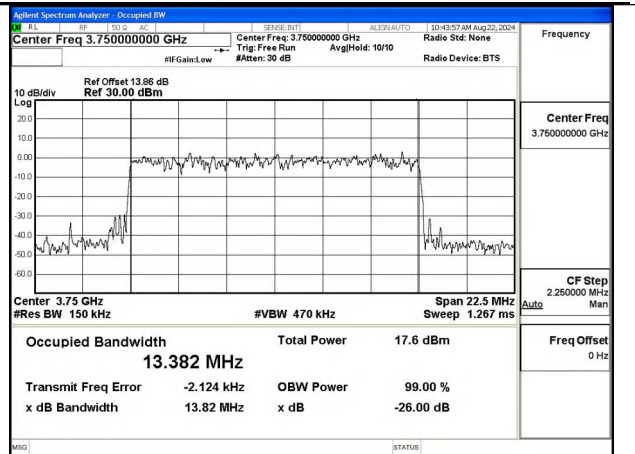


Fig.20

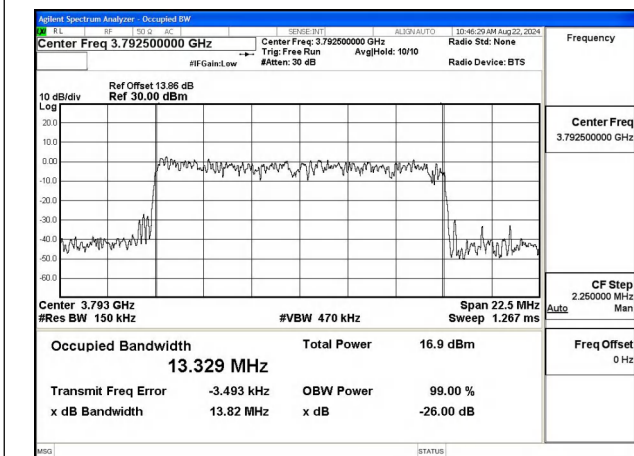


Fig.21

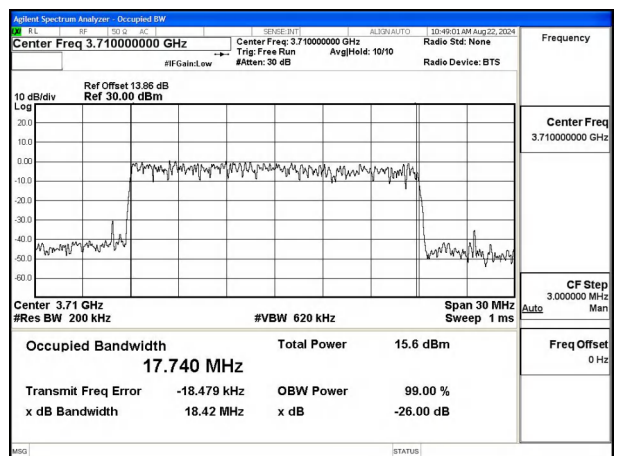


Fig.22

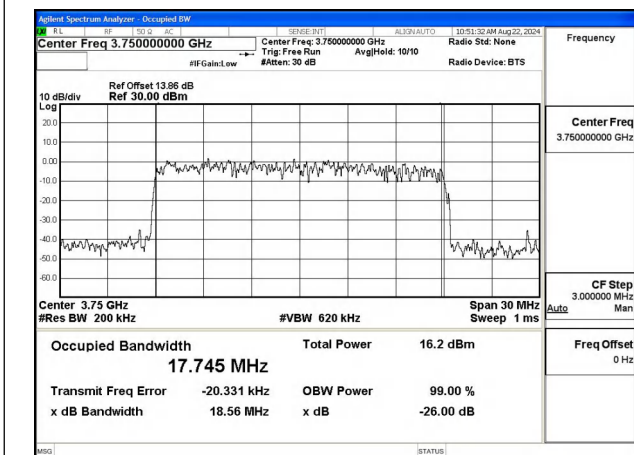


Fig.23

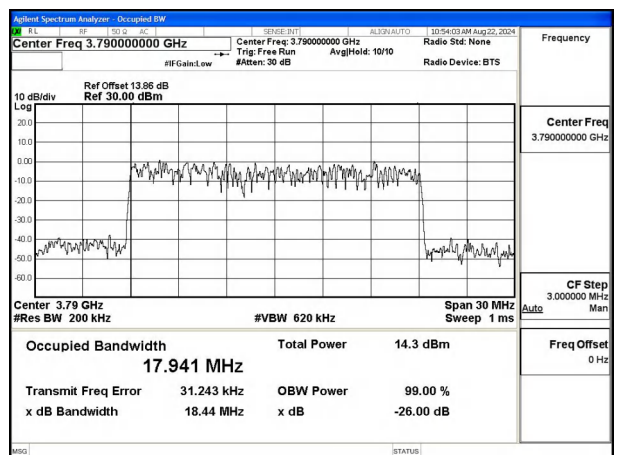


Fig.24

Test Mode: 64QAM

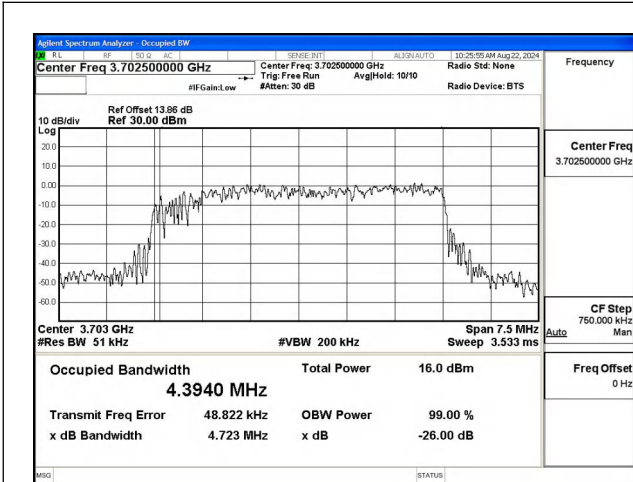


Fig.25

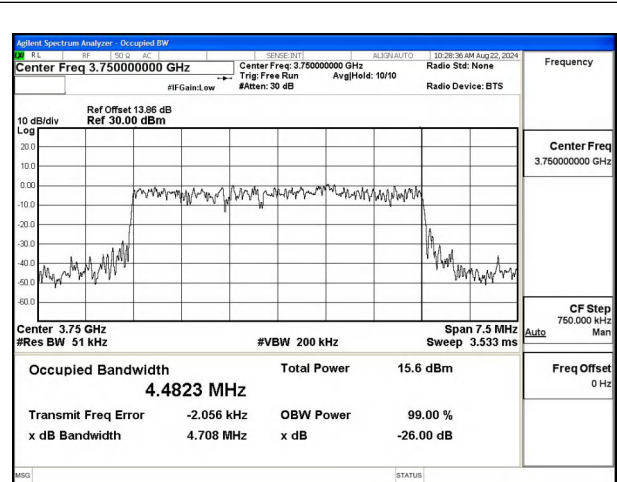


Fig.26

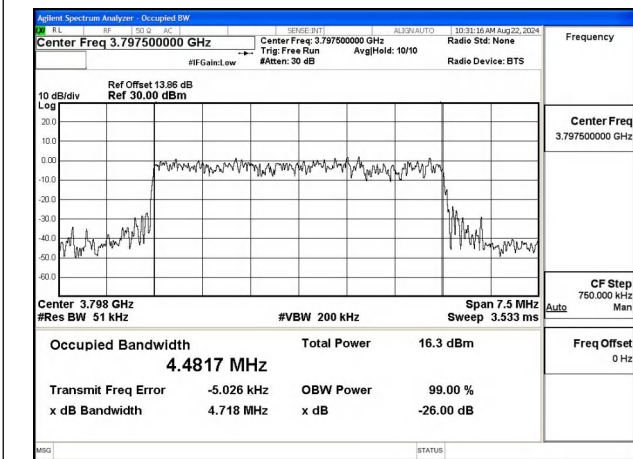


Fig.27

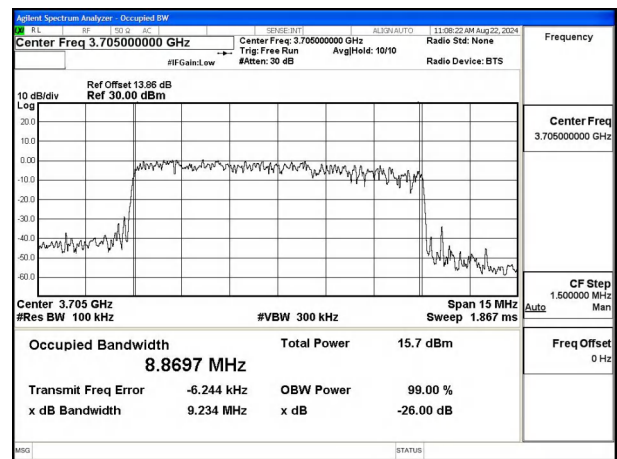


Fig.28

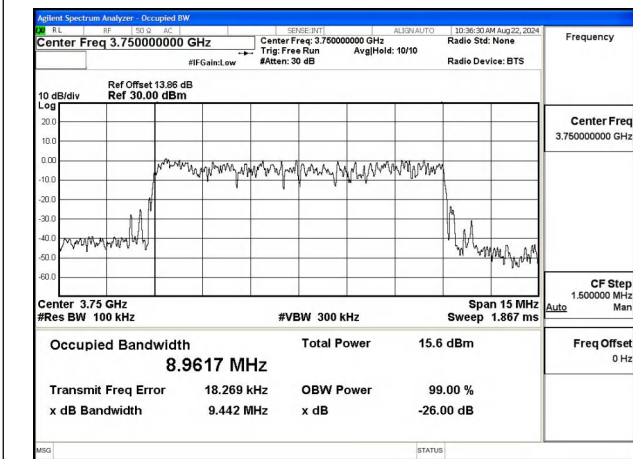


Fig.29

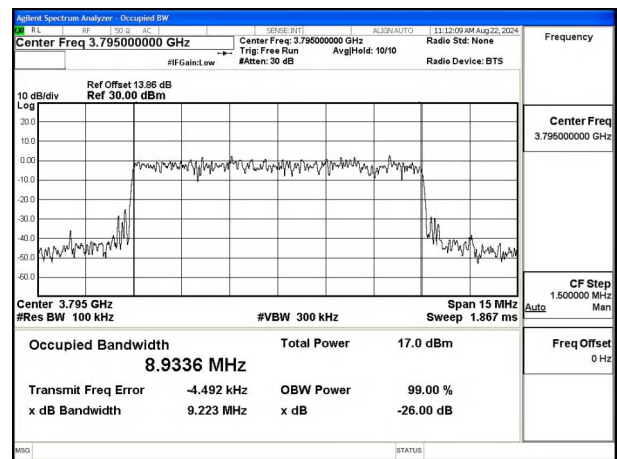


Fig.30

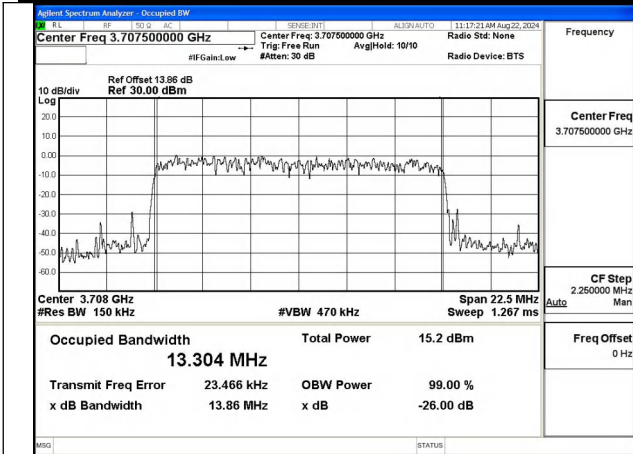


Fig.31

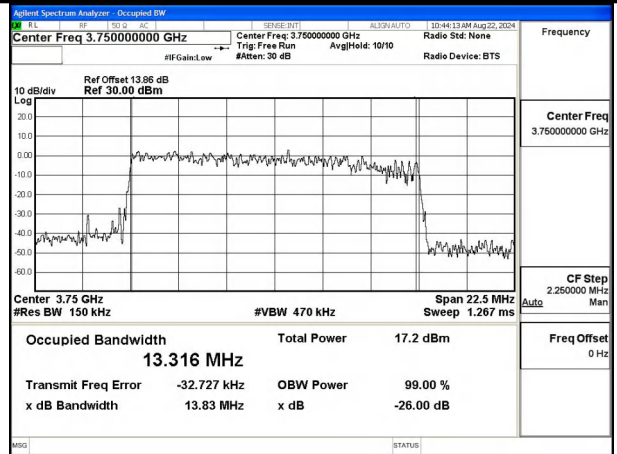


Fig.32

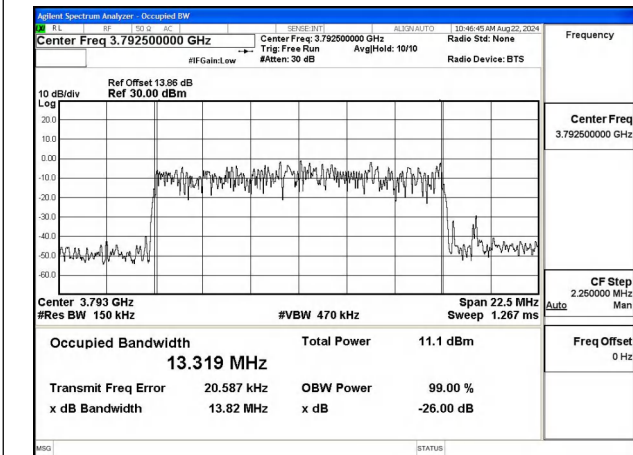


Fig.33

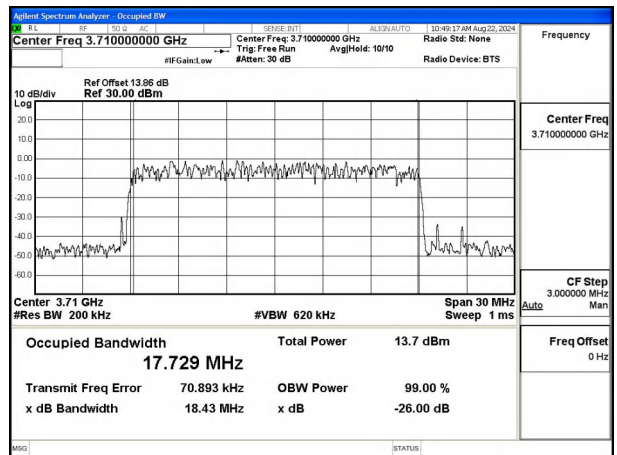


Fig.34

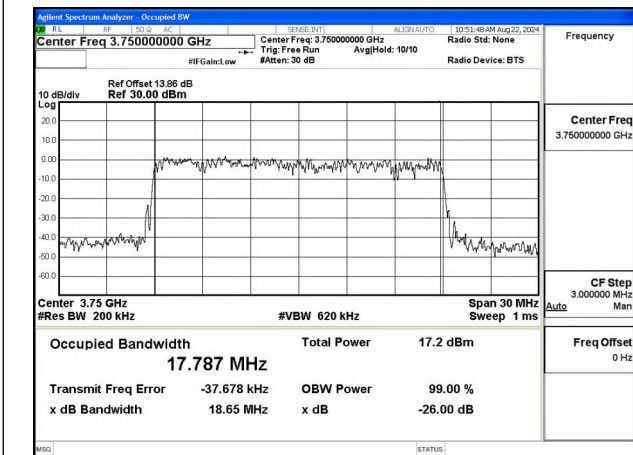


Fig.35

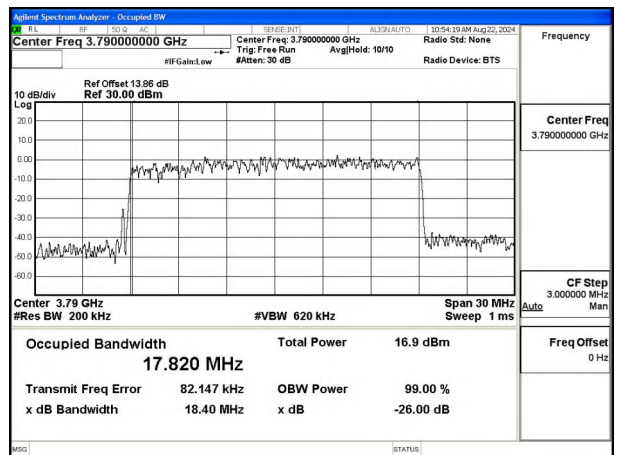


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
43	QPSK	3702.5	44615	5	25	0	4.744	Fig.1
43	QPSK	3750	45090	5	25	0	4.898	Fig.2
43	QPSK	3797.5	45565	5	25	0	4.619	Fig.3
43	QPSK	3705	44640	10	50	0	9.417	Fig.4
43	QPSK	3750	45090	10	50	0	9.178	Fig.5
43	QPSK	3795	45540	10	50	0	9.607	Fig.6
43	QPSK	3707.5	44665	15	75	0	13.776	Fig.7
43	QPSK	3750	45090	15	75	0	13.850	Fig.8
43	QPSK	3792.5	45515	15	75	0	14.029	Fig.9
43	QPSK	3710	44690	20	100	0	18.618	Fig.10
43	QPSK	3750	45090	20	100	0	18.488	Fig.11
43	QPSK	3790	45490	20	100	0	18.826	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
43	16QAM	3702.5	44615	5	25	0	4.727	Fig.13
43	16QAM	3750	45090	5	25	0	4.755	Fig.14
43	16QAM	3797.5	45565	5	25	0	4.686	Fig.15
43	16QAM	3705	44640	10	50	0	9.222	Fig.16
43	16QAM	3750	45090	10	50	0	9.371	Fig.17
43	16QAM	3795	45540	10	50	0	9.257	Fig.18
43	16QAM	3707.5	44665	15	75	0	13.816	Fig.19
43	16QAM	3750	45090	15	75	0	13.820	Fig.20
43	16QAM	3792.5	45515	15	75	0	13.821	Fig.21
43	16QAM	3710	44690	20	100	0	18.418	Fig.22
43	16QAM	3750	45090	20	100	0	18.561	Fig.23
43	16QAM	3790	45490	20	100	0	18.439	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
43	64QAM	3702.5	44615	5	25	0	4.723	Fig.25
43	64QAM	3750	45090	5	25	0	4.708	Fig.26
43	64QAM	3797.5	45565	5	25	0	4.718	Fig.27
43	64QAM	3705	44640	10	50	0	9.234	Fig.28
43	64QAM	3750	45090	10	50	0	9.442	Fig.29
43	64QAM	3795	45540	10	50	0	9.223	Fig.30
43	64QAM	3707.5	44665	15	75	0	13.855	Fig.31
43	64QAM	3750	45090	15	75	0	13.831	Fig.32
43	64QAM	3792.5	45515	15	75	0	13.821	Fig.33
43	64QAM	3710	44690	20	100	0	18.428	Fig.34
43	64QAM	3750	45090	20	100	0	18.655	Fig.35
43	64QAM	3790	45490	20	100	0	18.401	Fig.36

Test Mode: QPSK

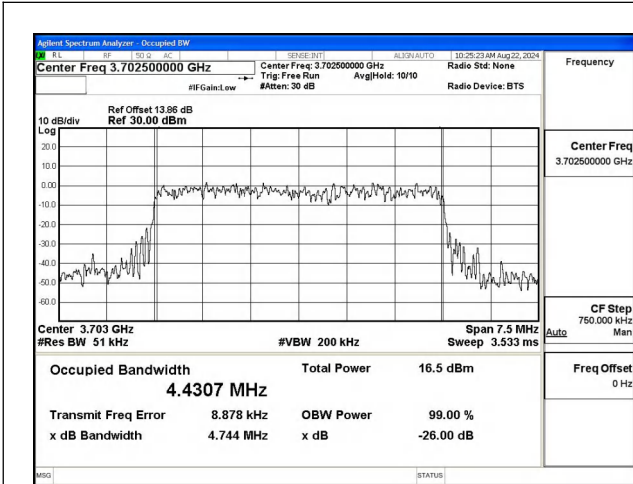


Fig.1

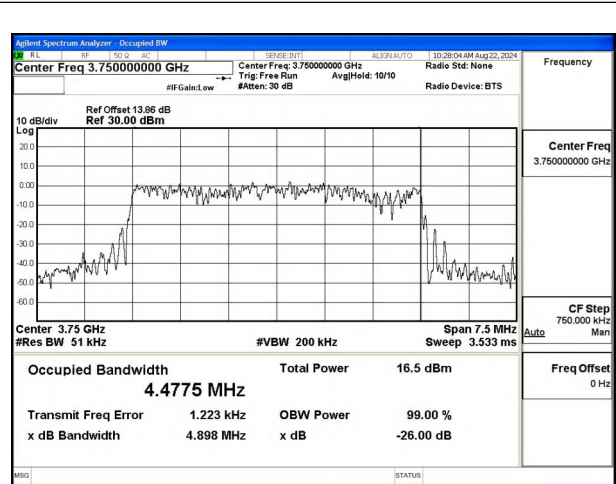


Fig.2

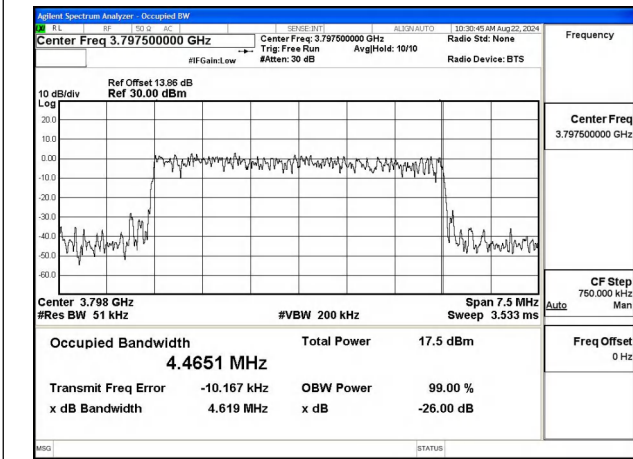


Fig.3

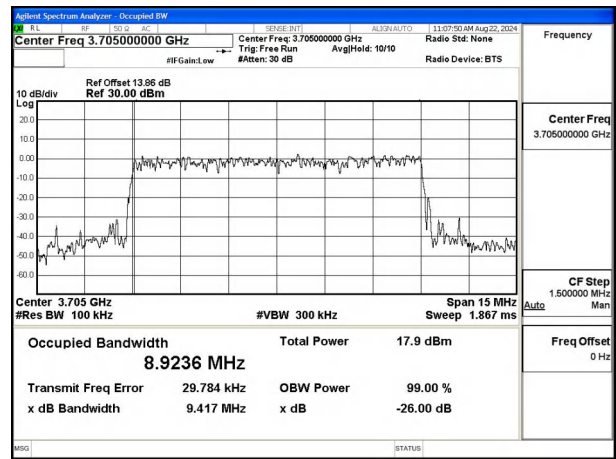


Fig.4

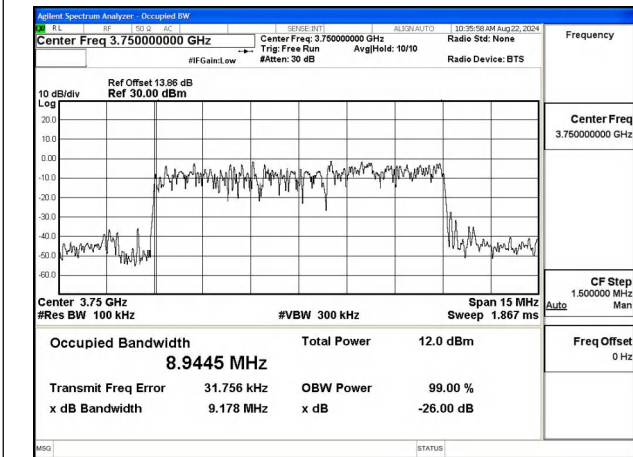


Fig.5

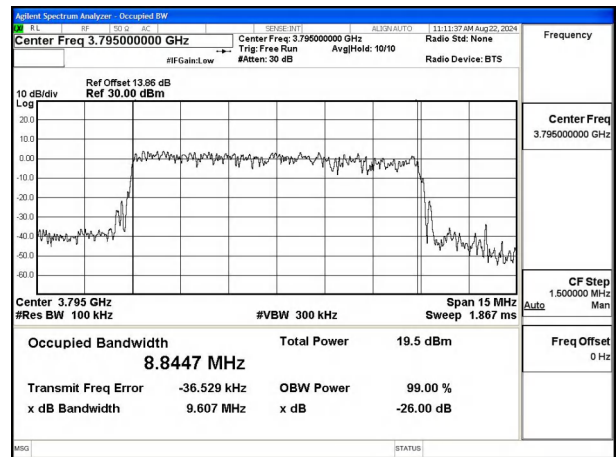


Fig.6

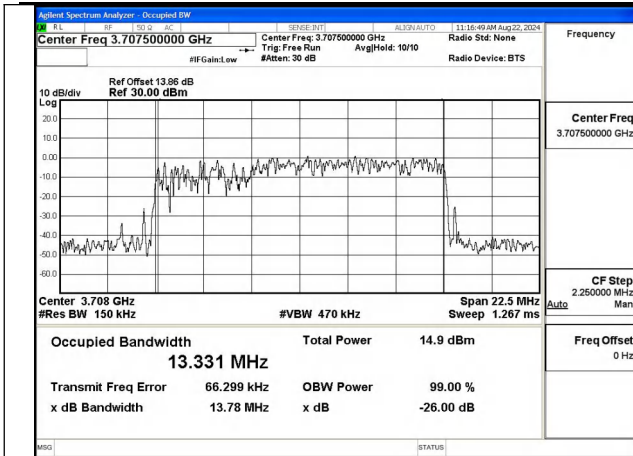


Fig.7

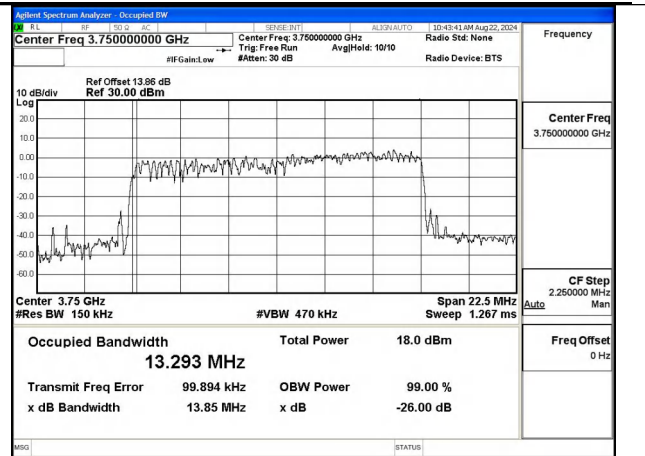


Fig.8

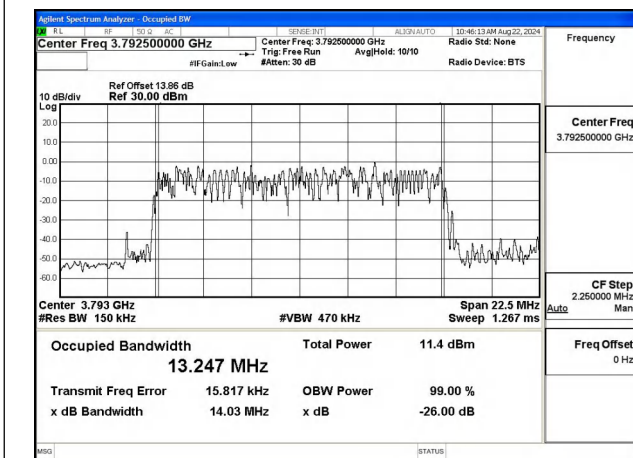


Fig.9

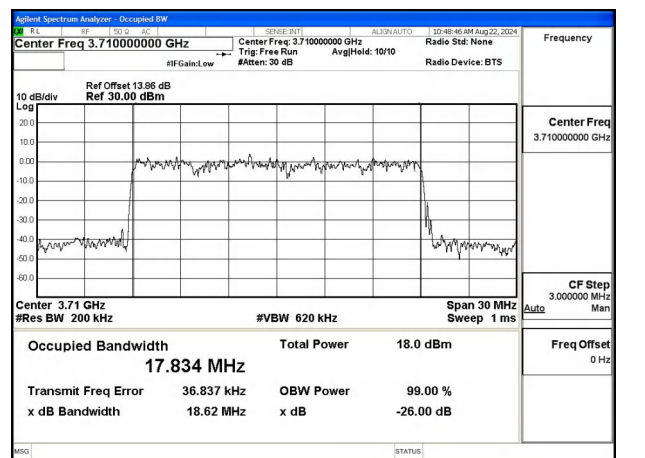


Fig.10

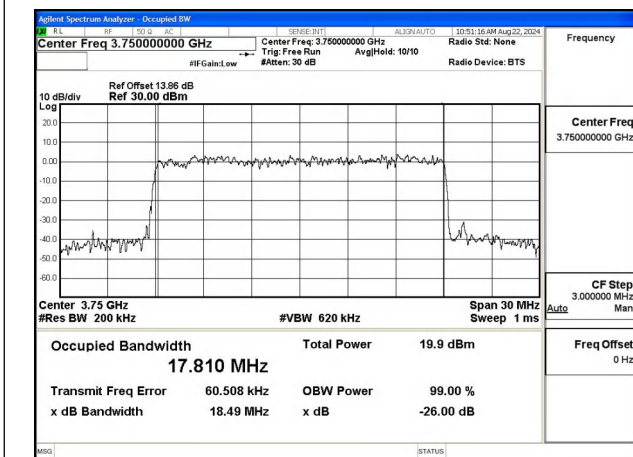


Fig.11

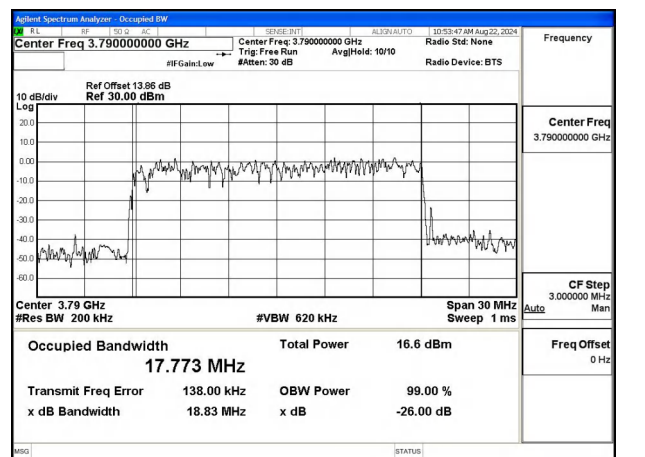


Fig.12

Test Mode: 16QAM

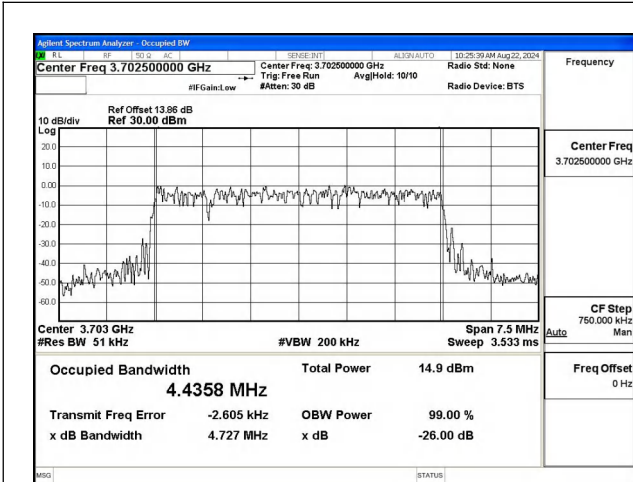


Fig.13

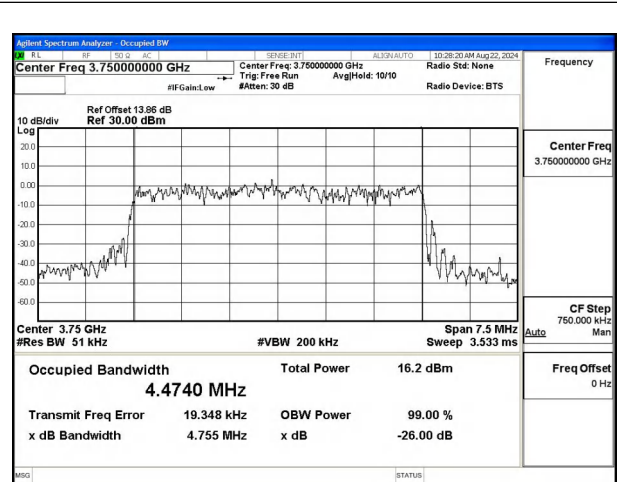


Fig.14

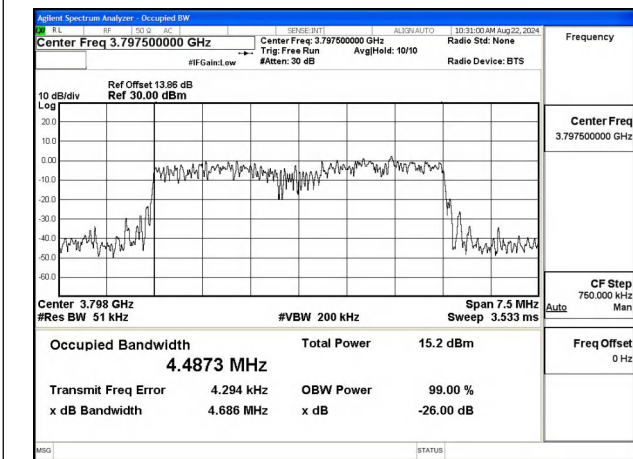


Fig.15

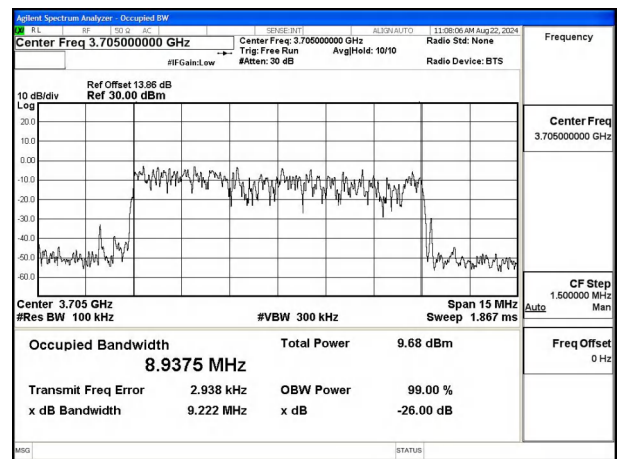


Fig.16

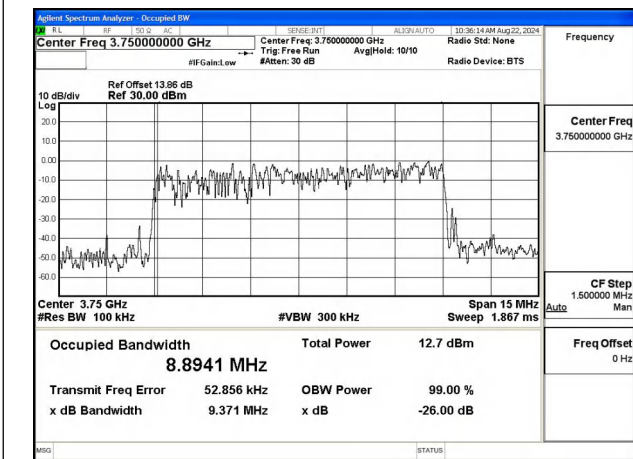


Fig.17

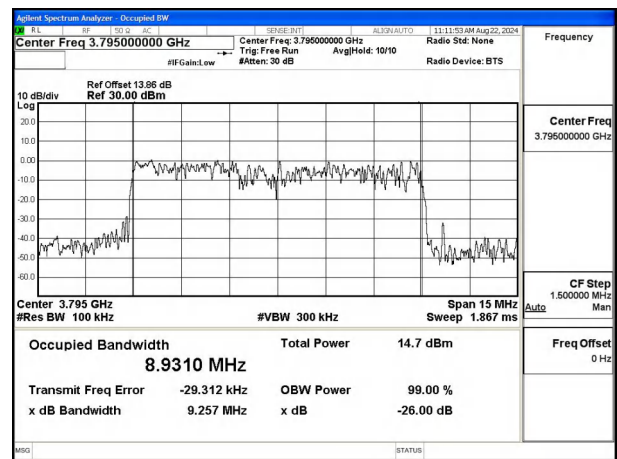


Fig.18

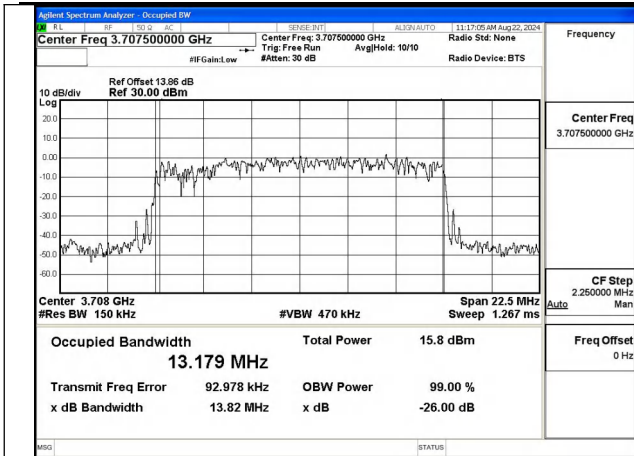


Fig.19

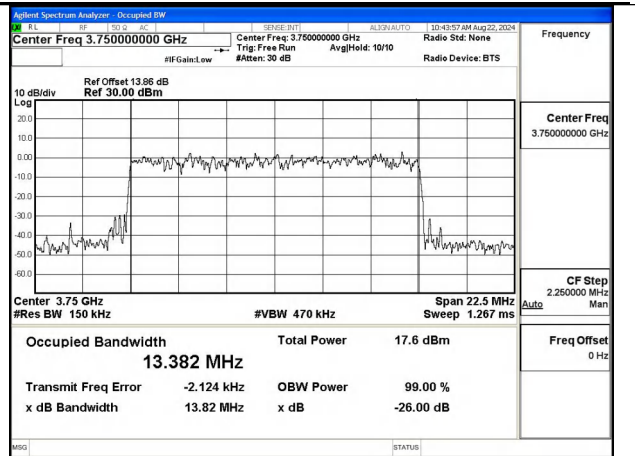


Fig.20

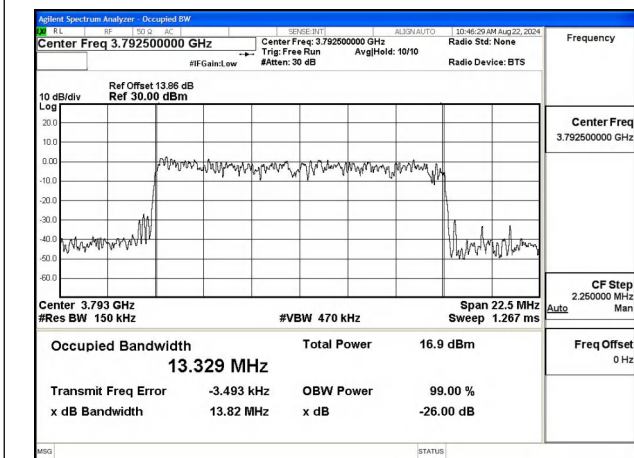


Fig.21

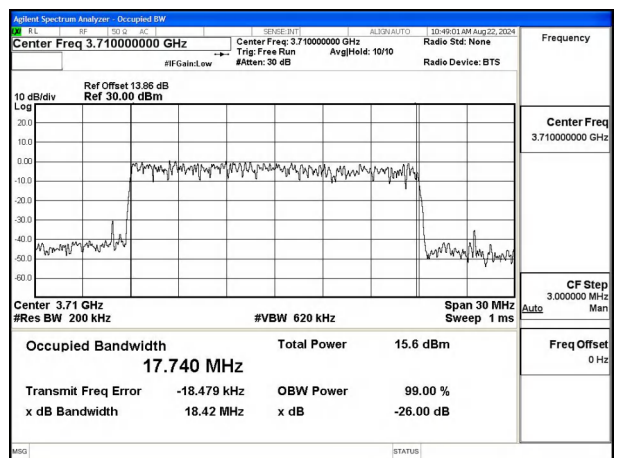


Fig.22

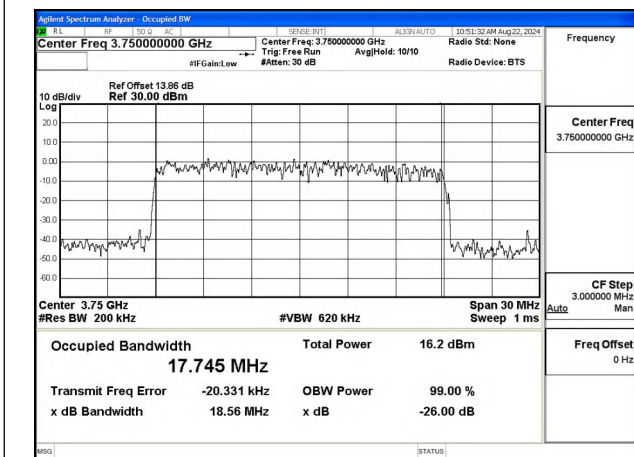


Fig.23

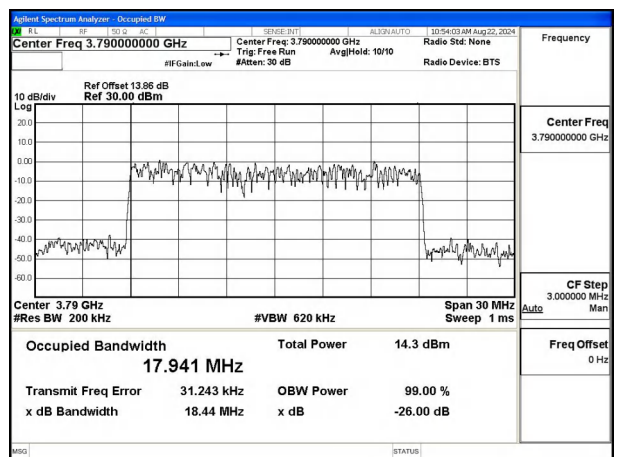


Fig.24

Test Mode: 64QAM

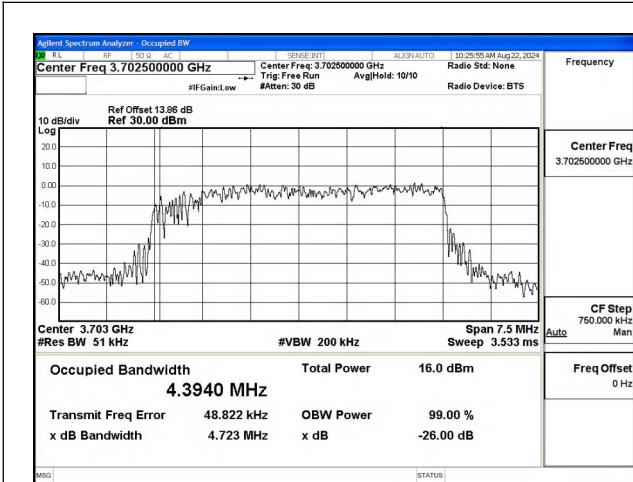


Fig.25

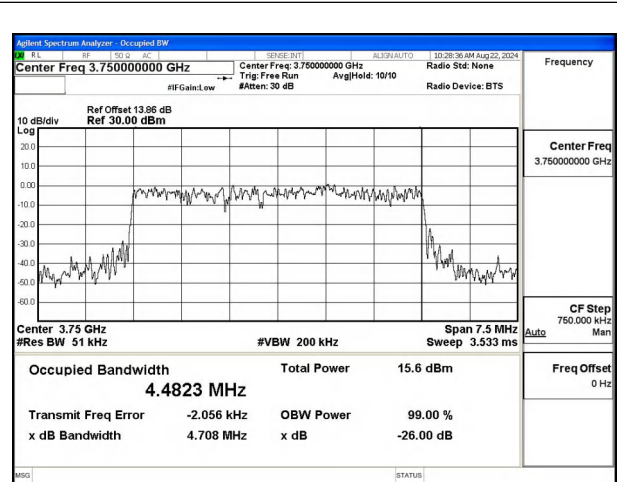


Fig.26

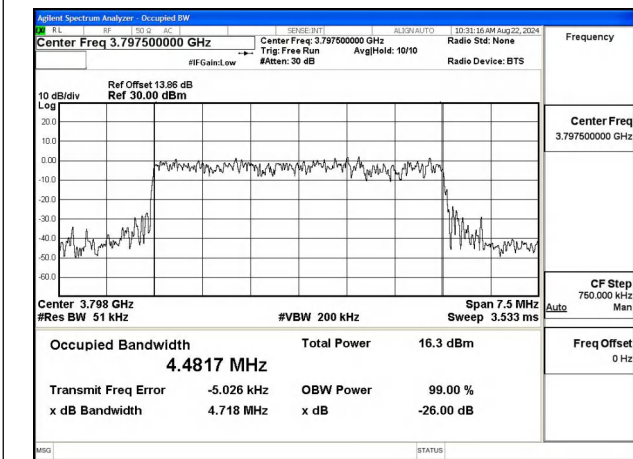


Fig.27

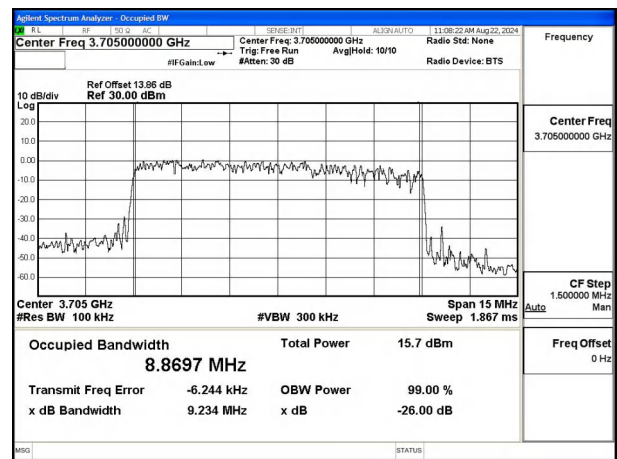


Fig.28

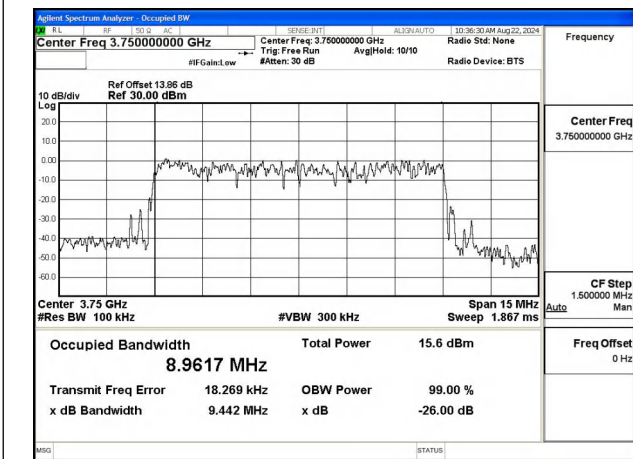


Fig.29

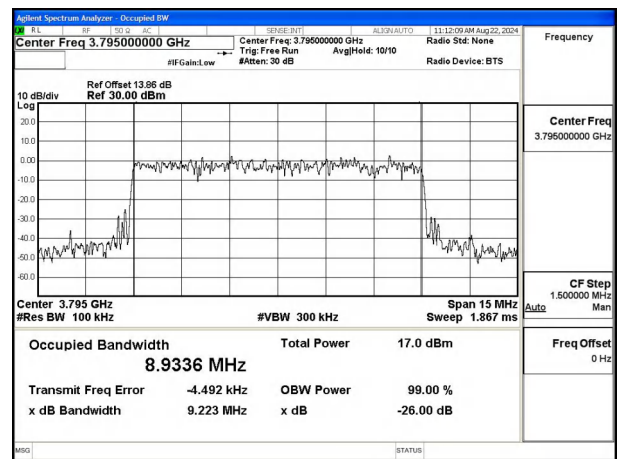


Fig.30