

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 38

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	23.04
QPSK	2572.5	37775	5	1	12	23.01
QPSK	2572.5	37775	5	1	24	23.09
QPSK	2572.5	37775	5	12	0	22.08
QPSK	2572.5	37775	5	12	7	22.18
QPSK	2572.5	37775	5	12	13	22.19
QPSK	2572.5	37775	5	25	0	22.12
QPSK	2595	38000	5	1	0	23.06
QPSK	2595	38000	5	1	12	23.08
QPSK	2595	38000	5	1	24	23.16
QPSK	2595	38000	5	12	0	22.06
QPSK	2595	38000	5	12	7	22.12
QPSK	2595	38000	5	12	13	22.16
QPSK	2595	38000	5	25	0	22.05
QPSK	2617.5	38225	5	1	0	22.95
QPSK	2617.5	38225	5	1	12	22.95
QPSK	2617.5	38225	5	1	24	22.88
QPSK	2617.5	38225	5	12	0	22.00
QPSK	2617.5	38225	5	12	7	22.01
QPSK	2617.5	38225	5	12	13	22.04
QPSK	2617.5	38225	5	25	0	22.01

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2572.5	37775	5	1	0	22.25
16QAM	2572.5	37775	5	1	12	22.28
16QAM	2572.5	37775	5	1	24	22.30
16QAM	2572.5	37775	5	12	0	21.20
16QAM	2572.5	37775	5	12	7	21.25
16QAM	2572.5	37775	5	12	13	21.24
16QAM	2572.5	37775	5	25	0	21.11
16QAM	2595	38000	5	1	0	22.19
16QAM	2595	38000	5	1	12	22.21
16QAM	2595	38000	5	1	24	22.19
16QAM	2595	38000	5	12	0	21.09
16QAM	2595	38000	5	12	7	21.27
16QAM	2595	38000	5	12	13	21.20
16QAM	2595	38000	5	25	0	21.10
16QAM	2617.5	38225	5	1	0	22.13
16QAM	2617.5	38225	5	1	12	22.16
16QAM	2617.5	38225	5	1	24	22.13
16QAM	2617.5	38225	5	12	0	21.12
16QAM	2617.5	38225	5	12	7	21.09
16QAM	2617.5	38225	5	12	13	21.09
16QAM	2617.5	38225	5	25	0	21.04
64QAM	2572.5	37775	5	1	0	21.39
64QAM	2572.5	37775	5	1	12	21.23
64QAM	2572.5	37775	5	1	24	21.35
64QAM	2572.5	37775	5	12	0	20.17
64QAM	2572.5	37775	5	12	7	20.22
64QAM	2572.5	37775	5	12	13	20.13
64QAM	2572.5	37775	5	25	0	20.13
64QAM	2595	38000	5	1	0	21.24
64QAM	2595	38000	5	1	12	21.21
64QAM	2595	38000	5	1	24	21.27
64QAM	2595	38000	5	12	0	20.10
64QAM	2595	38000	5	12	7	20.31
64QAM	2595	38000	5	12	13	20.23
64QAM	2595	38000	5	25	0	20.06
64QAM	2617.5	38225	5	1	0	21.09
64QAM	2617.5	38225	5	1	12	21.15
64QAM	2617.5	38225	5	1	24	21.11
64QAM	2617.5	38225	5	12	0	19.95
64QAM	2617.5	38225	5	12	7	20.05
64QAM	2617.5	38225	5	12	13	20.11
64QAM	2617.5	38225	5	25	0	20.04

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	23.14
QPSK	2575	37800	10	1	25	23.07
QPSK	2575	37800	10	1	49	23.07
QPSK	2575	37800	10	25	0	22.28
QPSK	2575	37800	10	25	12	22.32
QPSK	2575	37800	10	25	25	22.32
QPSK	2575	37800	10	50	0	22.27
QPSK	2595	38000	10	1	0	22.95
QPSK	2595	38000	10	1	25	23.10
QPSK	2595	38000	10	1	49	23.05
QPSK	2595	38000	10	25	0	22.24
QPSK	2595	38000	10	25	12	22.21
QPSK	2595	38000	10	25	25	22.18
QPSK	2595	38000	10	50	0	22.19
QPSK	2615	38200	10	1	0	23.07
QPSK	2615	38200	10	1	25	23.03
QPSK	2615	38200	10	1	49	23.05
QPSK	2615	38200	10	25	0	22.16
QPSK	2615	38200	10	25	12	22.13
QPSK	2615	38200	10	25	25	22.13
QPSK	2615	38200	10	50	0	22.14

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	22.33
16QAM	2575	37800	10	1	25	22.23
16QAM	2575	37800	10	1	49	22.32
16QAM	2575	37800	10	25	0	21.32
16QAM	2575	37800	10	25	12	21.34
16QAM	2575	37800	10	25	25	21.27
16QAM	2575	37800	10	50	0	21.38
16QAM	2595	38000	10	1	0	22.30
16QAM	2595	38000	10	1	25	22.25
16QAM	2595	38000	10	1	49	22.25
16QAM	2595	38000	10	25	0	21.13
16QAM	2595	38000	10	25	12	21.16
16QAM	2595	38000	10	25	25	21.16
16QAM	2595	38000	10	50	0	21.13
16QAM	2615	38200	10	1	0	22.17
16QAM	2615	38200	10	1	25	22.20
16QAM	2615	38200	10	1	49	22.09
16QAM	2615	38200	10	25	0	21.11
16QAM	2615	38200	10	25	12	21.07
16QAM	2615	38200	10	25	25	21.12
16QAM	2615	38200	10	50	0	21.12
64QAM	2575	37800	10	1	0	21.38
64QAM	2575	37800	10	1	25	21.30
64QAM	2575	37800	10	1	49	21.22
64QAM	2575	37800	10	25	0	20.21
64QAM	2575	37800	10	25	12	20.33
64QAM	2575	37800	10	25	25	20.27
64QAM	2575	37800	10	50	0	20.33
64QAM	2595	38000	10	1	0	21.20
64QAM	2595	38000	10	1	25	21.26
64QAM	2595	38000	10	1	49	21.11
64QAM	2595	38000	10	25	0	20.15
64QAM	2595	38000	10	25	12	20.06
64QAM	2595	38000	10	25	25	20.11
64QAM	2595	38000	10	50	0	20.17
64QAM	2615	38200	10	1	0	21.43
64QAM	2615	38200	10	1	25	21.26
64QAM	2615	38200	10	1	49	21.33
64QAM	2615	38200	10	25	0	20.12
64QAM	2615	38200	10	25	12	20.23
64QAM	2615	38200	10	25	25	20.05
64QAM	2615	38200	10	50	0	20.09

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	23.10
QPSK	2577.5	37825	15	1	37	23.15
QPSK	2577.5	37825	15	1	74	23.14
QPSK	2577.5	37825	15	36	0	22.21
QPSK	2577.5	37825	15	36	29	22.18
QPSK	2577.5	37825	15	36	30	22.24
QPSK	2577.5	37825	15	75	0	22.34
QPSK	2595	38000	15	1	0	23.06
QPSK	2595	38000	15	1	37	23.09
QPSK	2595	38000	15	1	74	23.12
QPSK	2595	38000	15	36	0	22.11
QPSK	2595	38000	15	36	29	22.02
QPSK	2595	38000	15	36	30	22.20
QPSK	2595	38000	15	75	0	22.03
QPSK	2612.5	38175	15	1	0	23.12
QPSK	2612.5	38175	15	1	37	23.09
QPSK	2612.5	38175	15	1	74	23.12
QPSK	2612.5	38175	15	36	0	22.21
QPSK	2612.5	38175	15	36	29	22.24
QPSK	2612.5	38175	15	36	30	22.25
QPSK	2612.5	38175	15	75	0	22.09

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	22.31
16QAM	2577.5	37825	15	1	37	22.28
16QAM	2577.5	37825	15	1	74	22.26
16QAM	2577.5	37825	15	36	0	21.35
16QAM	2577.5	37825	15	36	29	21.34
16QAM	2577.5	37825	15	36	30	21.16
16QAM	2577.5	37825	15	75	0	21.26
16QAM	2595	38000	15	1	0	22.17
16QAM	2595	38000	15	1	37	22.04
16QAM	2595	38000	15	1	74	22.08
16QAM	2595	38000	15	36	0	21.05
16QAM	2595	38000	15	36	29	21.14
16QAM	2595	38000	15	36	30	21.19
16QAM	2595	38000	15	75	0	21.02
16QAM	2612.5	38175	15	1	0	22.14
16QAM	2612.5	38175	15	1	37	22.11
16QAM	2612.5	38175	15	1	74	22.11
16QAM	2612.5	38175	15	36	0	21.15
16QAM	2612.5	38175	15	36	29	21.10
16QAM	2612.5	38175	15	36	30	21.21
16QAM	2612.5	38175	15	75	0	21.26
64QAM	2577.5	37825	15	1	0	21.17
64QAM	2577.5	37825	15	1	37	21.31
64QAM	2577.5	37825	15	1	74	21.18
64QAM	2577.5	37825	15	36	0	20.16
64QAM	2577.5	37825	15	36	29	20.27
64QAM	2577.5	37825	15	36	30	20.20
64QAM	2577.5	37825	15	75	0	20.31
64QAM	2595	38000	15	1	0	21.10
64QAM	2595	38000	15	1	37	21.01
64QAM	2595	38000	15	1	74	21.08
64QAM	2595	38000	15	36	0	20.03
64QAM	2595	38000	15	36	29	20.15
64QAM	2595	38000	15	36	30	20.06
64QAM	2595	38000	15	75	0	20.02
64QAM	2612.5	38175	15	1	0	21.28
64QAM	2612.5	38175	15	1	37	21.08
64QAM	2612.5	38175	15	1	74	21.12
64QAM	2612.5	38175	15	36	0	20.14
64QAM	2612.5	38175	15	36	29	20.22
64QAM	2612.5	38175	15	36	30	20.13
64QAM	2612.5	38175	15	75	0	20.27

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	23.20
QPSK	2580	37850	20	1	49	23.16
QPSK	2580	37850	20	1	99	23.12
QPSK	2580	37850	20	50	0	22.27
QPSK	2580	37850	20	50	24	22.25
QPSK	2580	37850	20	50	50	22.31
QPSK	2580	37850	20	100	0	22.23
QPSK	2595	38000	20	1	0	23.19
QPSK	2595	38000	20	1	49	23.20
QPSK	2595	38000	20	1	99	23.17
QPSK	2595	38000	20	50	0	22.14
QPSK	2595	38000	20	50	24	22.21
QPSK	2595	38000	20	50	50	22.19
QPSK	2595	38000	20	100	0	22.19
QPSK	2610	38150	20	1	0	23.15
QPSK	2610	38150	20	1	49	23.09
QPSK	2610	38150	20	1	99	23.01
QPSK	2610	38150	20	50	0	22.18
QPSK	2610	38150	20	50	24	22.22
QPSK	2610	38150	20	50	50	22.17
QPSK	2610	38150	20	100	0	22.16

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	22.43
16QAM	2580	37850	20	1	49	22.41
16QAM	2580	37850	20	1	99	22.40
16QAM	2580	37850	20	50	0	21.32
16QAM	2580	37850	20	50	24	21.29
16QAM	2580	37850	20	50	50	21.26
16QAM	2580	37850	20	100	0	21.27
16QAM	2595	38000	20	1	0	22.38
16QAM	2595	38000	20	1	49	22.39
16QAM	2595	38000	20	1	99	22.30
16QAM	2595	38000	20	50	0	21.21
16QAM	2595	38000	20	50	24	21.19
16QAM	2595	38000	20	50	50	21.15
16QAM	2595	38000	20	100	0	21.19
16QAM	2610	38150	20	1	0	22.38
16QAM	2610	38150	20	1	49	22.32
16QAM	2610	38150	20	1	99	22.17
16QAM	2610	38150	20	50	0	21.29
16QAM	2610	38150	20	50	24	21.23
16QAM	2610	38150	20	50	50	21.21
16QAM	2610	38150	20	100	0	21.12
64QAM	2580	37850	20	1	0	21.33
64QAM	2580	37850	20	1	49	21.30
64QAM	2580	37850	20	1	99	21.26
64QAM	2580	37850	20	50	0	20.29
64QAM	2580	37850	20	50	24	20.32
64QAM	2580	37850	20	50	50	20.25
64QAM	2580	37850	20	100	0	20.30
64QAM	2595	38000	20	1	0	21.20
64QAM	2595	38000	20	1	49	21.26
64QAM	2595	38000	20	1	99	21.14
64QAM	2595	38000	20	50	0	20.21
64QAM	2595	38000	20	50	24	20.23
64QAM	2595	38000	20	50	50	20.16
64QAM	2595	38000	20	100	0	20.19
64QAM	2610	38150	20	1	0	21.56
64QAM	2610	38150	20	1	49	21.47
64QAM	2610	38150	20	1	99	21.40
64QAM	2610	38150	20	50	0	20.21
64QAM	2610	38150	20	50	24	20.26
64QAM	2610	38150	20	50	50	20.28
64QAM	2610	38150	20	100	0	20.25

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
38	QPSK	2572.5	37775	5	25	0	4.44	Fig.1
38	QPSK	2595	38000	5	25	0	4.48	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.47	Fig.3
38	QPSK	2575	37800	10	50	0	8.94	Fig.4
38	QPSK	2595	38000	10	50	0	8.93	Fig.5
38	QPSK	2615	38200	10	50	0	8.94	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.41	Fig.7
38	QPSK	2595	38000	15	75	0	13.41	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.15	Fig.9
38	QPSK	2580	37850	20	100	0	17.89	Fig.10
38	QPSK	2595	38000	20	100	0	17.90	Fig.11
38	QPSK	2610	38150	20	100	0	17.84	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
38	16QAM	2572.5	37775	5	25	0	4.47	Fig.13
38	16QAM	2595	38000	5	25	0	4.44	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.46	Fig.15
38	16QAM	2575	37800	10	50	0	8.94	Fig.16
38	16QAM	2595	38000	10	50	0	8.96	Fig.17
38	16QAM	2615	38200	10	50	0	8.91	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.43	Fig.19
38	16QAM	2595	38000	15	75	0	13.38	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.36	Fig.21
38	16QAM	2580	37850	20	100	0	17.74	Fig.22
38	16QAM	2595	38000	20	100	0	17.47	Fig.23
38	16QAM	2610	38150	20	100	0	17.86	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
38	64QAM	2572.5	37775	5	25	0	4.47	Fig.25
38	64QAM	2595	38000	5	25	0	4.47	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.47	Fig.27
38	64QAM	2575	37800	10	50	0	8.95	Fig.28
38	64QAM	2595	38000	10	50	0	8.94	Fig.29
38	64QAM	2615	38200	10	50	0	8.91	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.33	Fig.31
38	64QAM	2595	38000	15	75	0	13.42	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.29	Fig.33
38	64QAM	2580	37850	20	100	0	17.78	Fig.34
38	64QAM	2595	38000	20	100	0	17.79	Fig.35
38	64QAM	2610	38150	20	100	0	17.89	Fig.36

Test Mode: QPSK

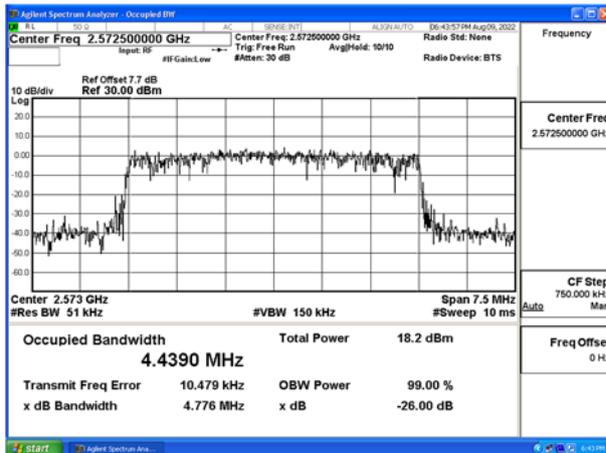


Fig.1

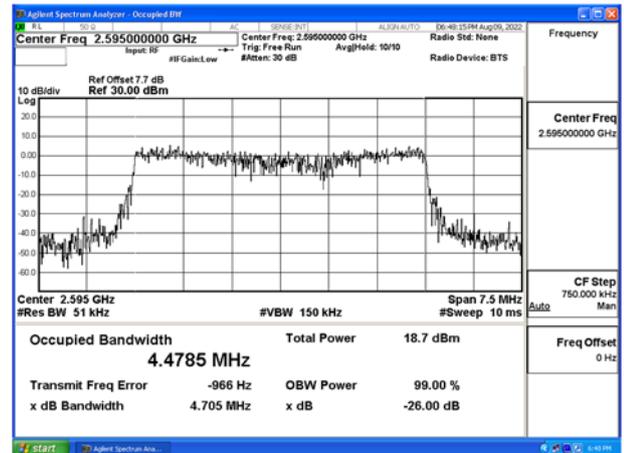


Fig.2

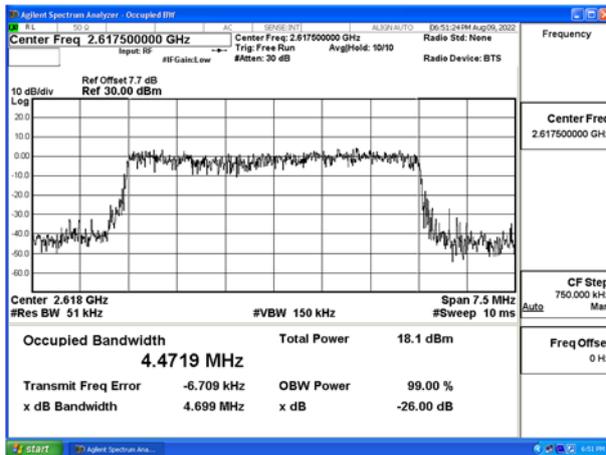


Fig.3

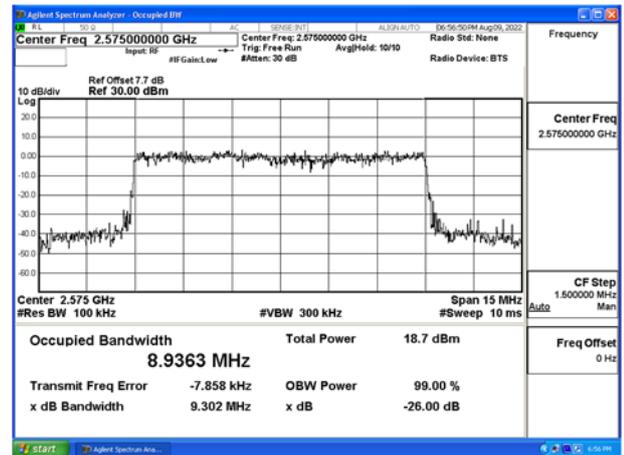


Fig.4

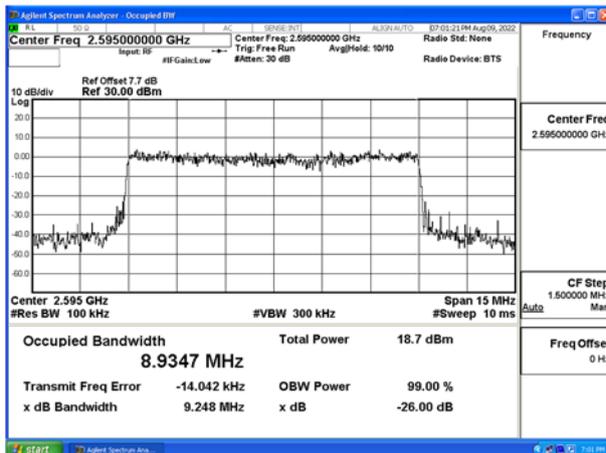


Fig.5

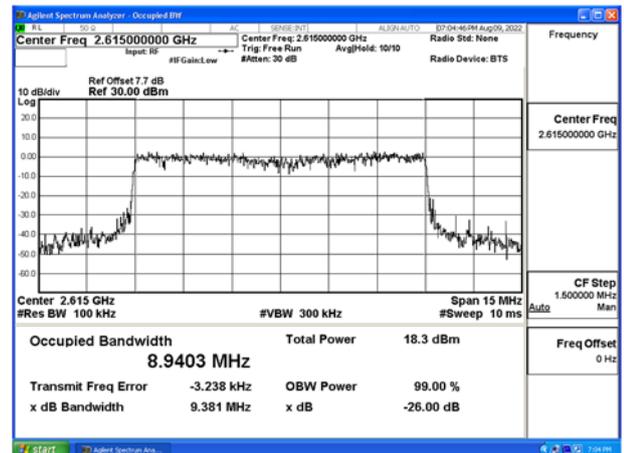


Fig.6

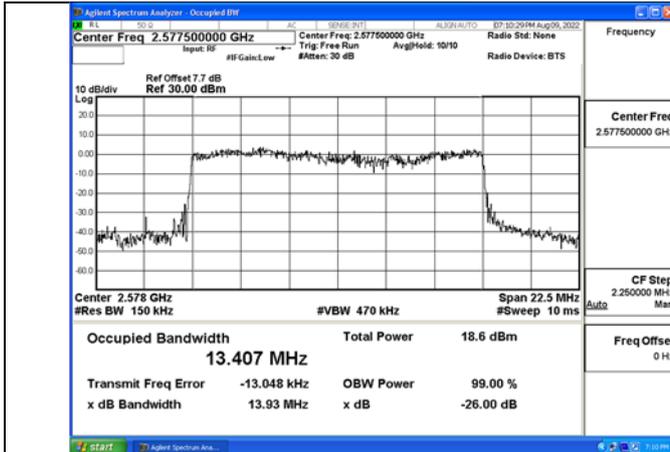


Fig.7

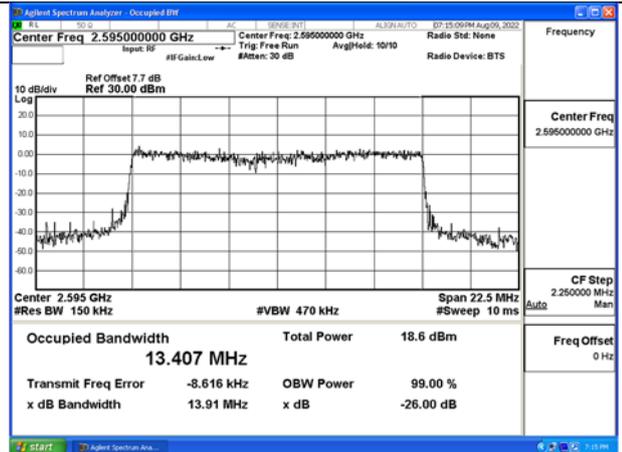


Fig.8

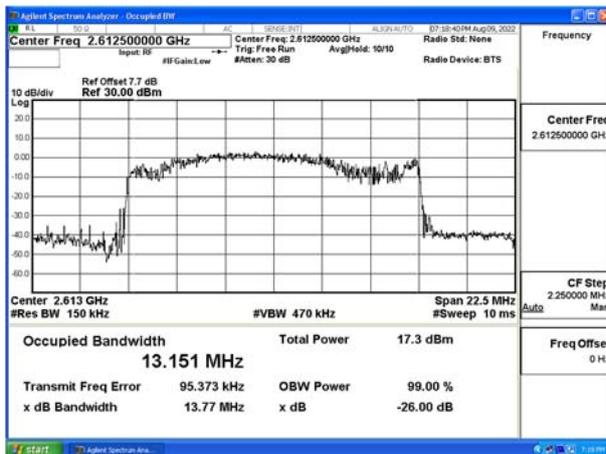


Fig.9

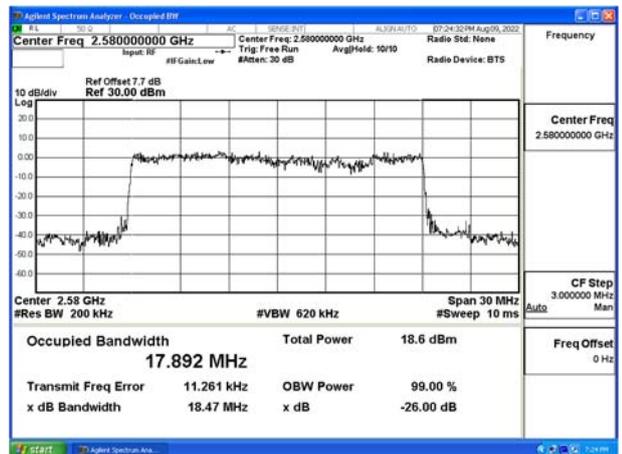


Fig.10

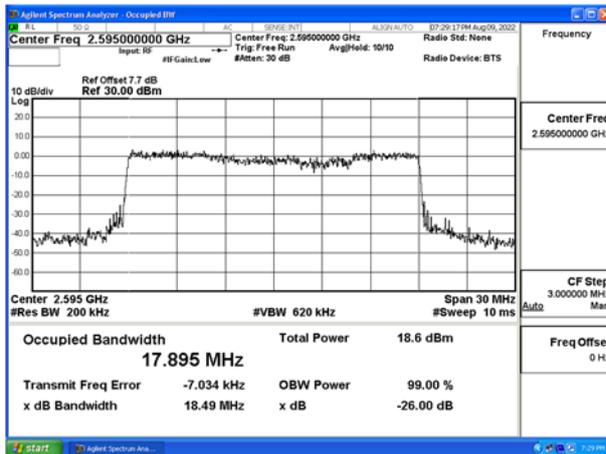


Fig.11

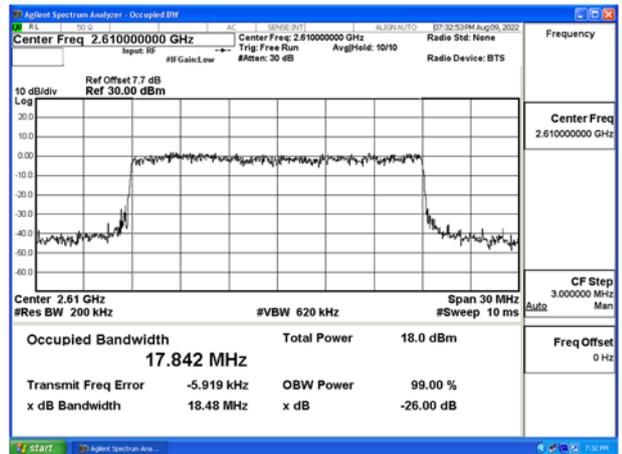


Fig.12

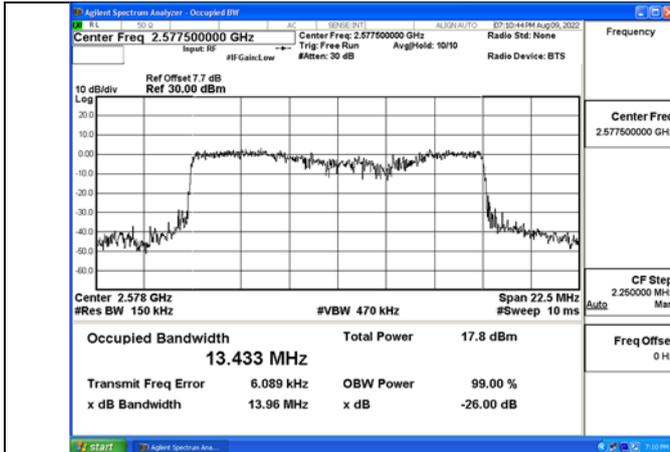


Fig.19

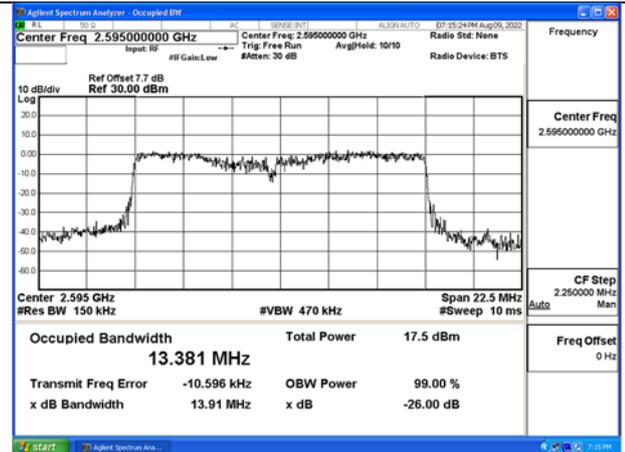


Fig.20

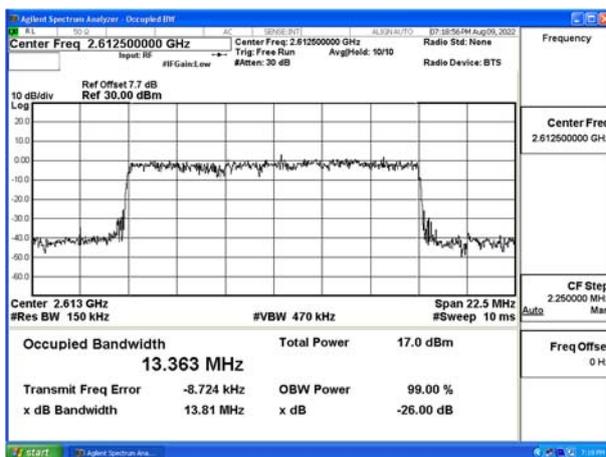


Fig.21

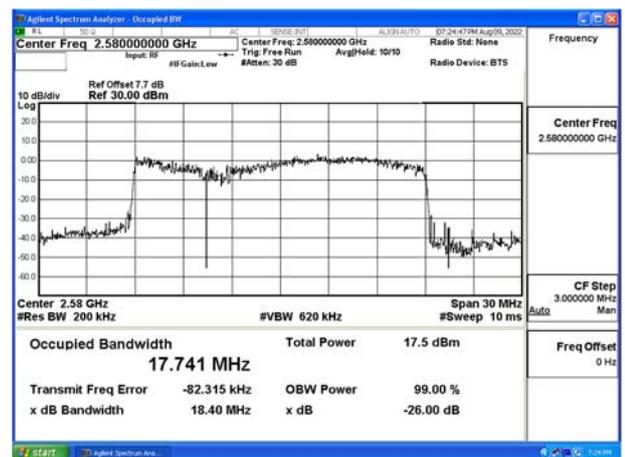


Fig.22

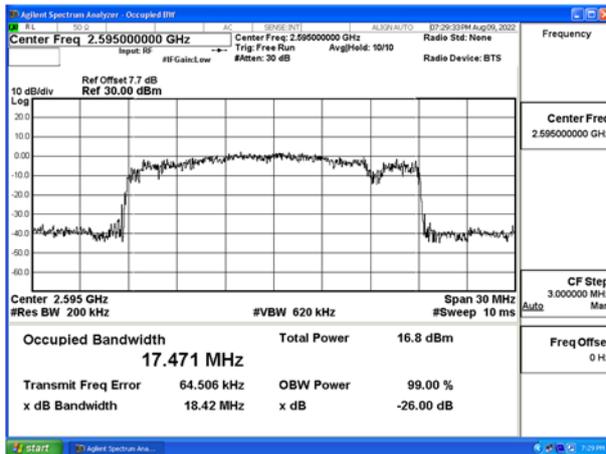


Fig.23

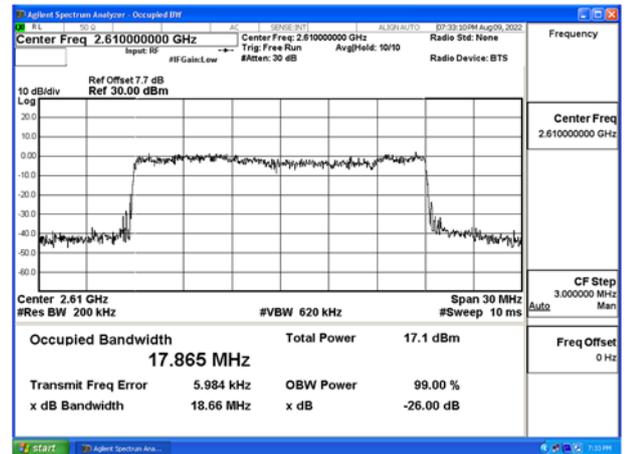


Fig.24

Test Mode: 64QAM

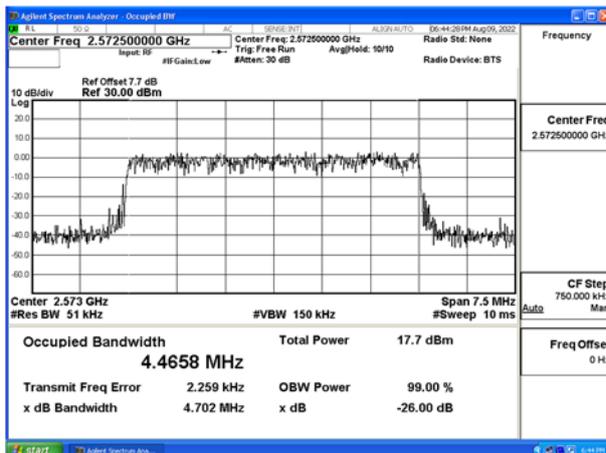


Fig.25

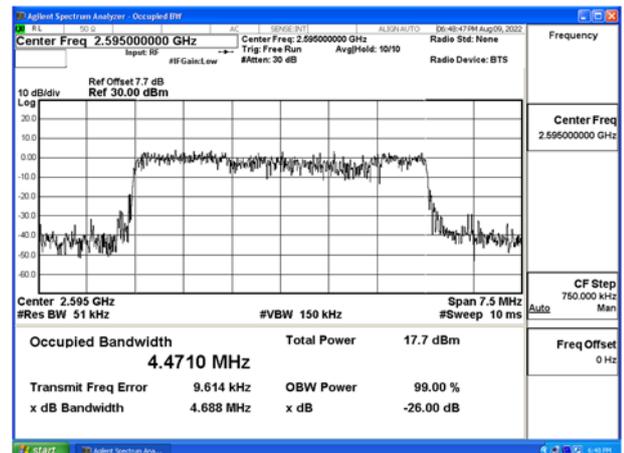


Fig.26

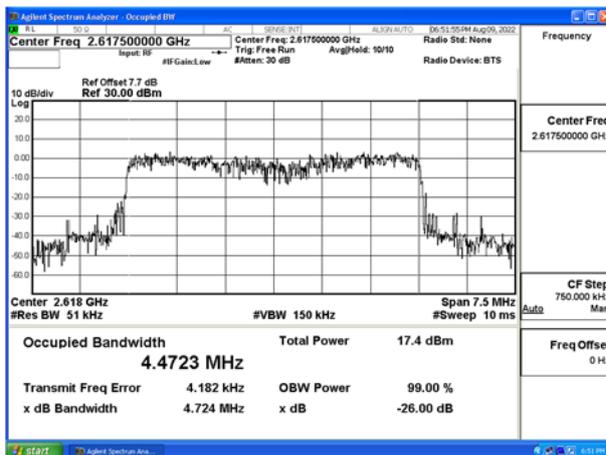


Fig.27

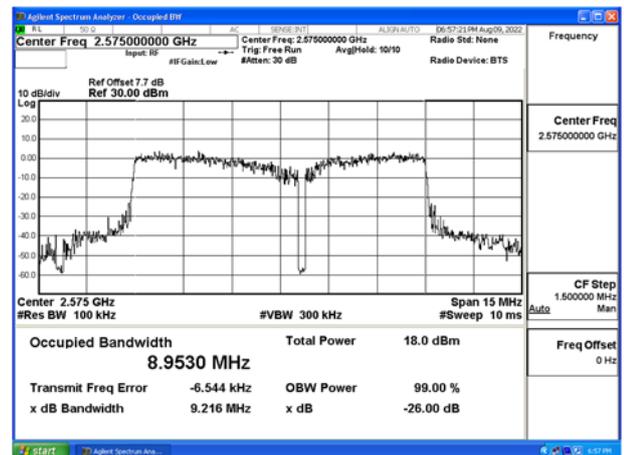


Fig.28

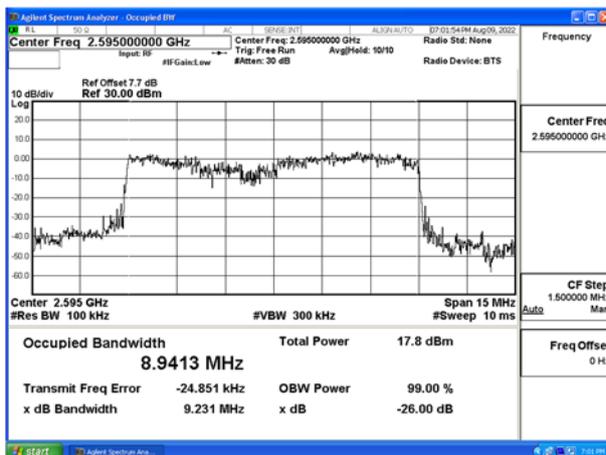


Fig.29

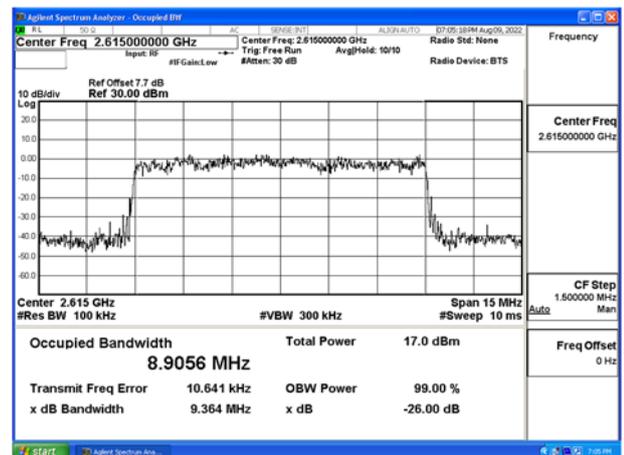


Fig.30

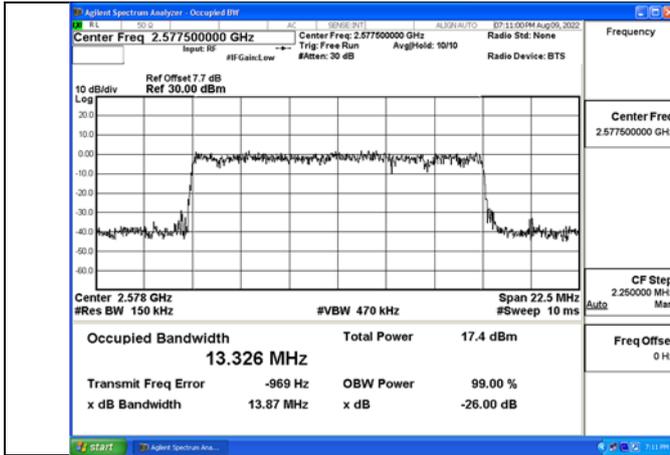


Fig.31

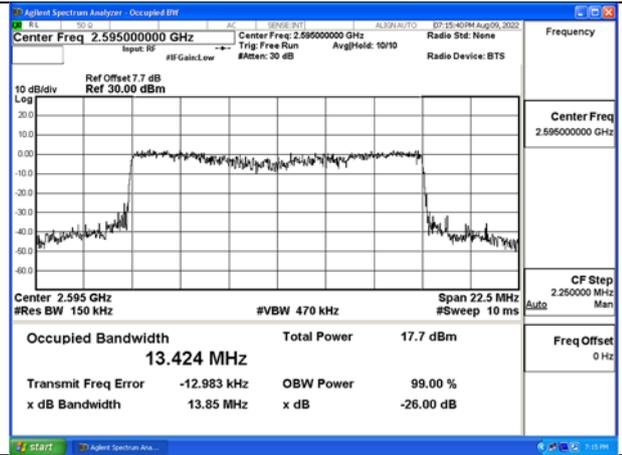


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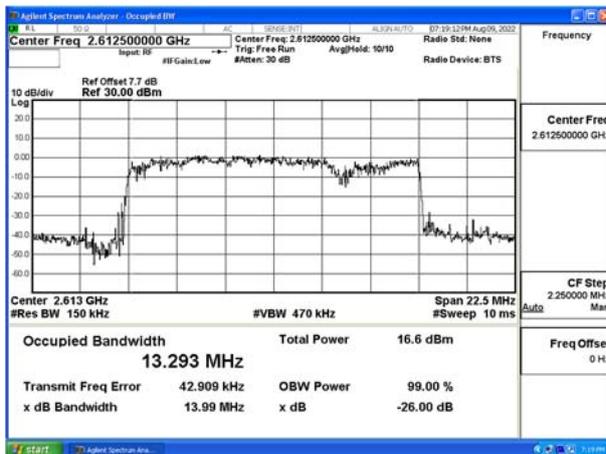


Fig.33

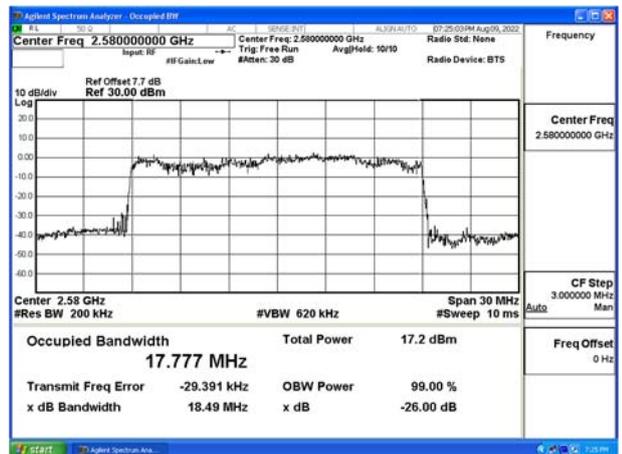


Fig.34

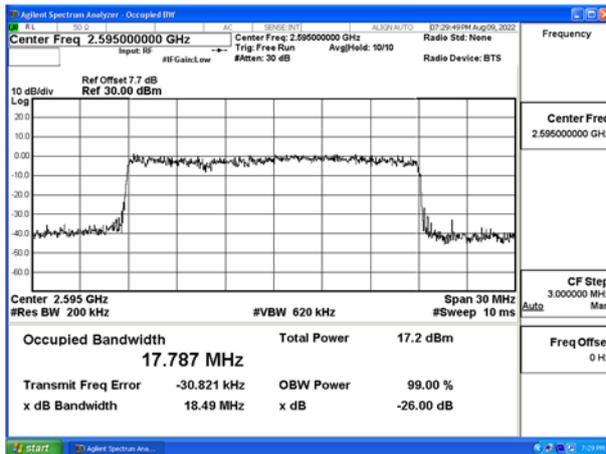


Fig.35

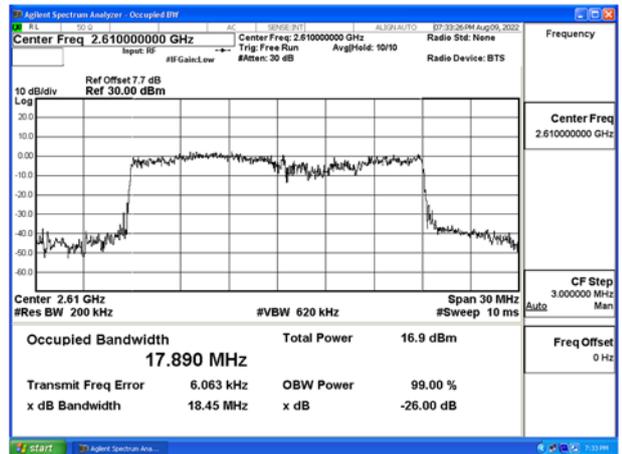


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
38	QPSK	2572.5	37775	5	25	0	4.78	Fig.1
38	QPSK	2595	38000	5	25	0	4.70	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.70	Fig.3
38	QPSK	2575	37800	10	50	0	9.30	Fig.4
38	QPSK	2595	38000	10	50	0	9.25	Fig.5
38	QPSK	2615	38200	10	50	0	9.38	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.93	Fig.7
38	QPSK	2595	38000	15	75	0	13.91	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.77	Fig.9
38	QPSK	2580	37850	20	100	0	18.47	Fig.10
38	QPSK	2595	38000	20	100	0	18.49	Fig.11
38	QPSK	2610	38150	20	100	0	18.48	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
38	16QAM	2572.5	37775	5	25	0	4.67	Fig.13
38	16QAM	2595	38000	5	25	0	4.71	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.78	Fig.15
38	16QAM	2575	37800	10	50	0	9.25	Fig.16
38	16QAM	2595	38000	10	50	0	9.29	Fig.17
38	16QAM	2615	38200	10	50	0	9.21	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.96	Fig.19
38	16QAM	2595	38000	15	75	0	13.91	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.81	Fig.21
38	16QAM	2580	37850	20	100	0	18.40	Fig.22
38	16QAM	2595	38000	20	100	0	18.42	Fig.23
38	16QAM	2610	38150	20	100	0	18.66	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
38	64QAM	2572.5	37775	5	25	0	4.70	Fig.25
38	64QAM	2595	38000	5	25	0	4.69	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.72	Fig.27
38	64QAM	2575	37800	10	50	0	9.22	Fig.28
38	64QAM	2595	38000	10	50	0	9.23	Fig.29
38	64QAM	2615	38200	10	50	0	9.36	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.87	Fig.31
38	64QAM	2595	38000	15	75	0	13.85	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.99	Fig.33
38	64QAM	2580	37850	20	100	0	18.49	Fig.34
38	64QAM	2595	38000	20	100	0	18.49	Fig.35
38	64QAM	2610	38150	20	100	0	18.45	Fig.36

Test Mode: QPSK

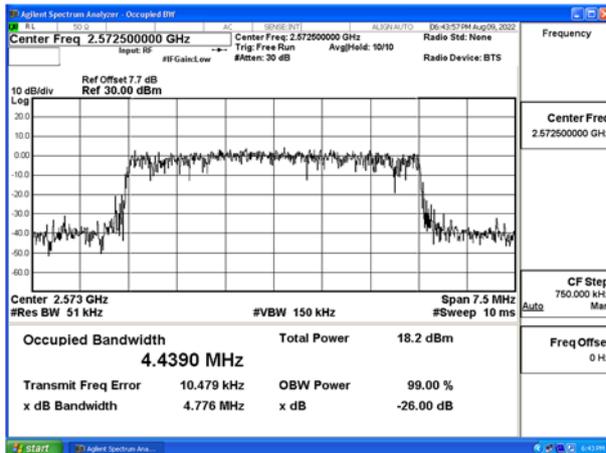


Fig.1

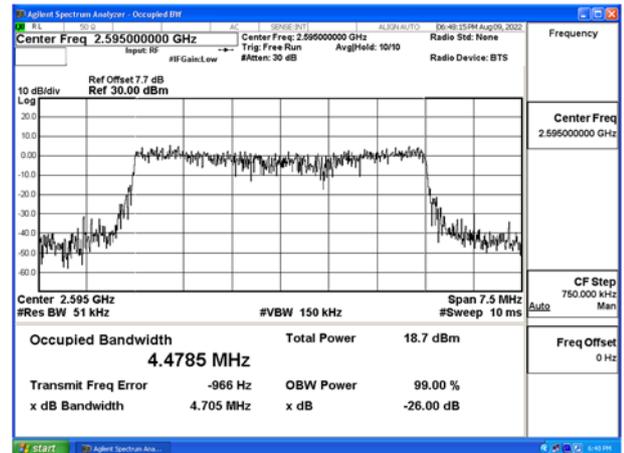


Fig.2

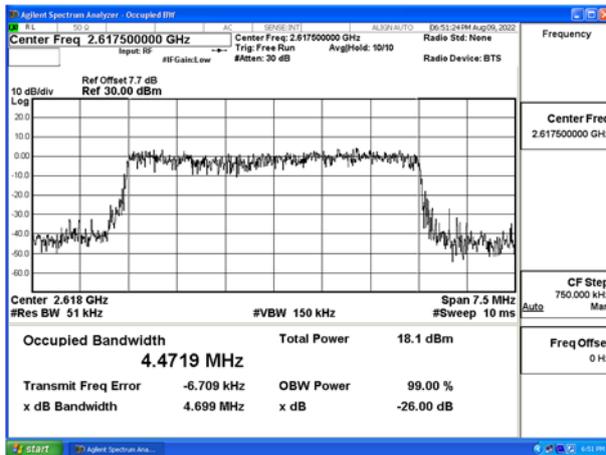


Fig.3

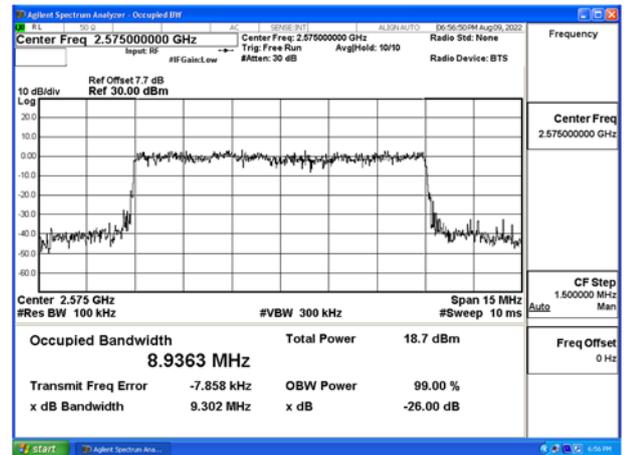


Fig.4

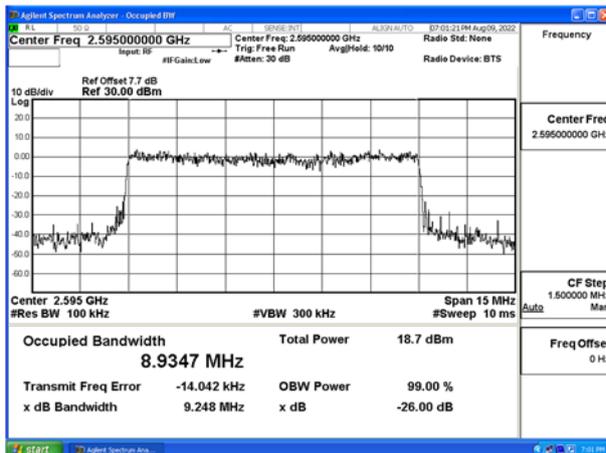


Fig.5

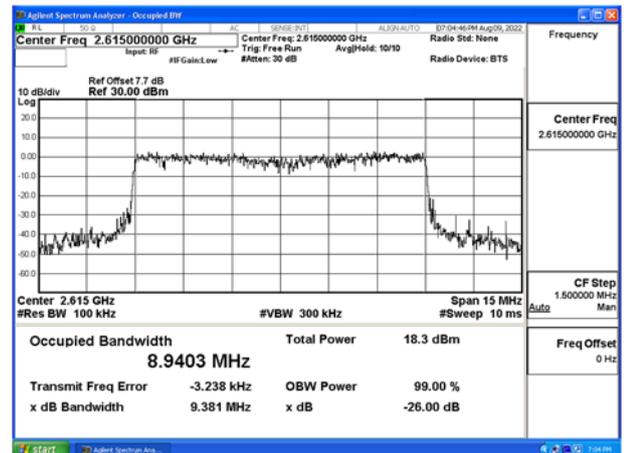


Fig.6

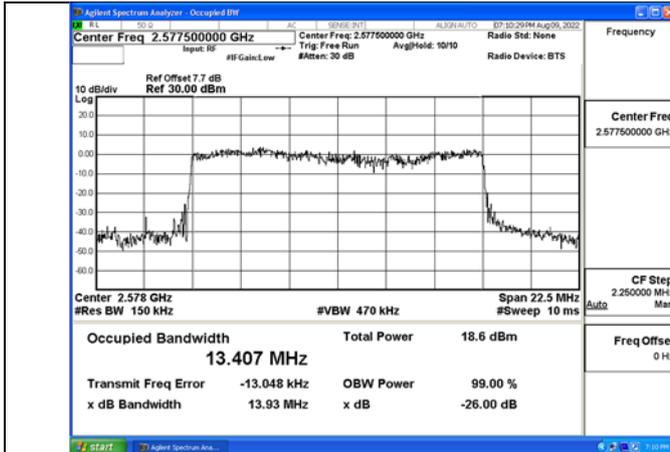


Fig.7

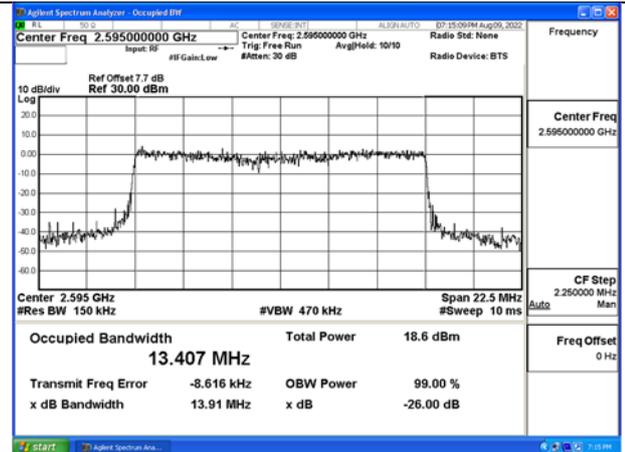


Fig.8

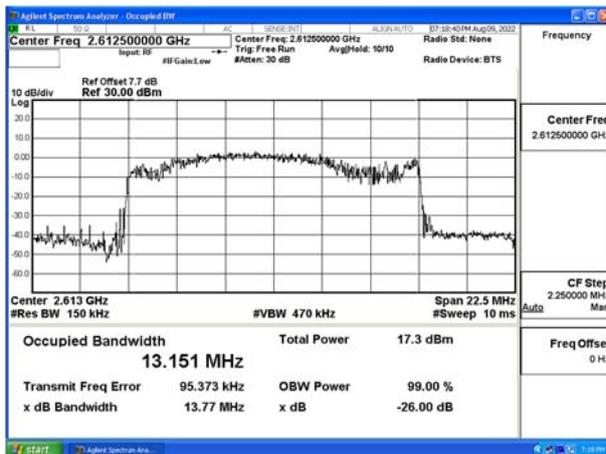


Fig.9

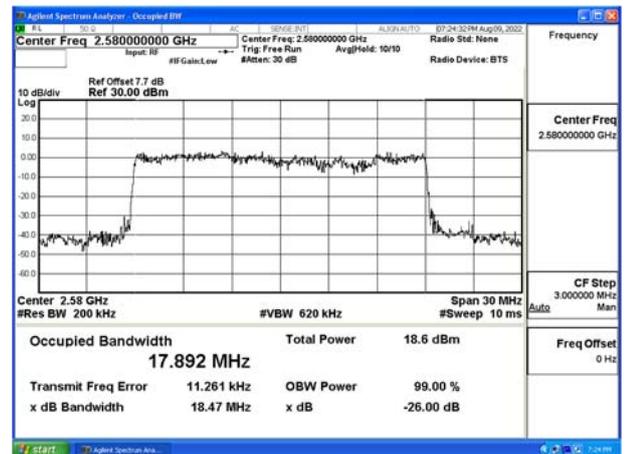


Fig.10

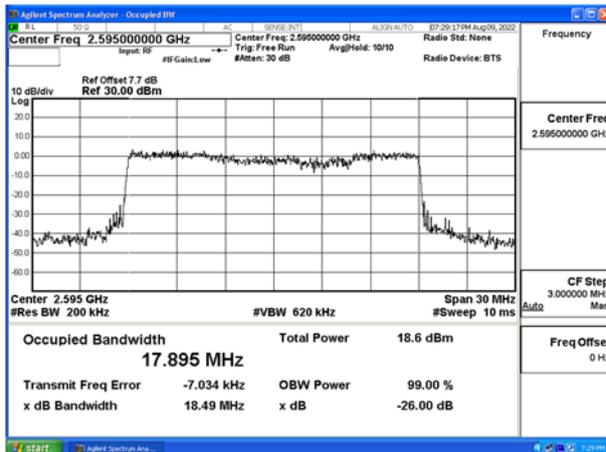


Fig.11

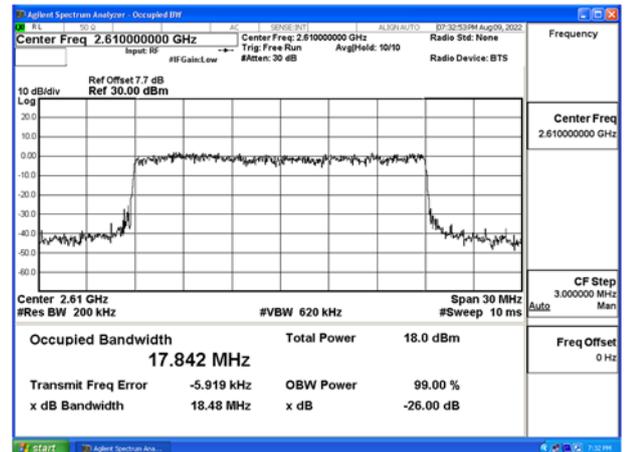


Fig.12

Test Mode: 16QAM

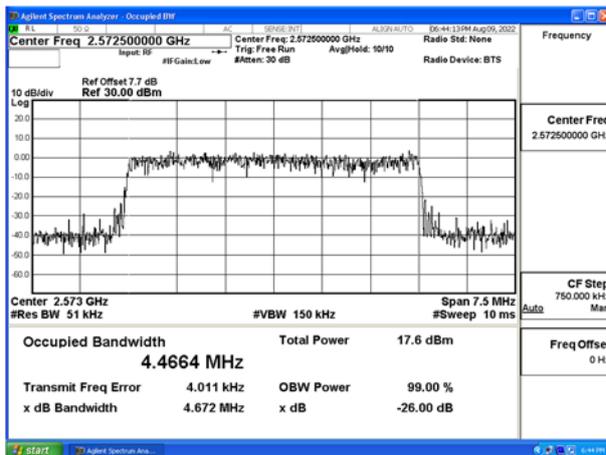


Fig.13

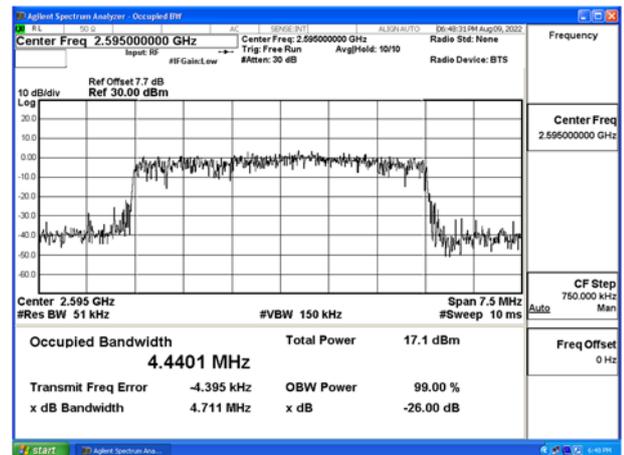


Fig.14

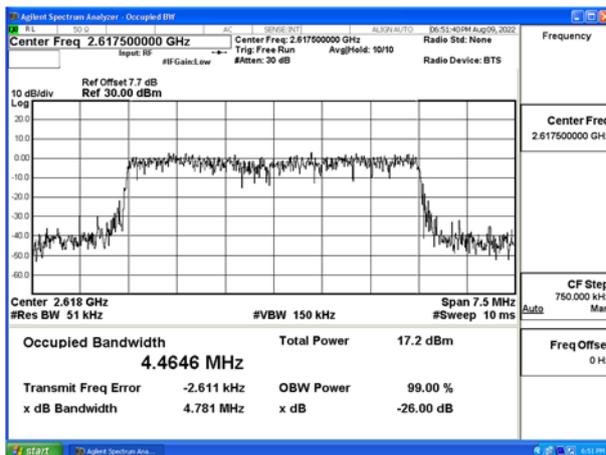


Fig.15

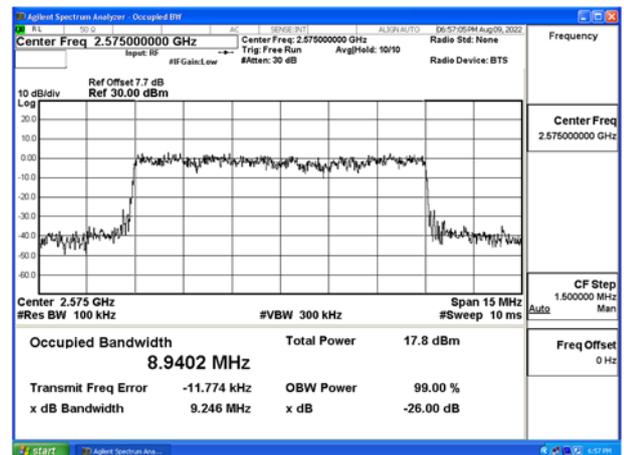


Fig.16

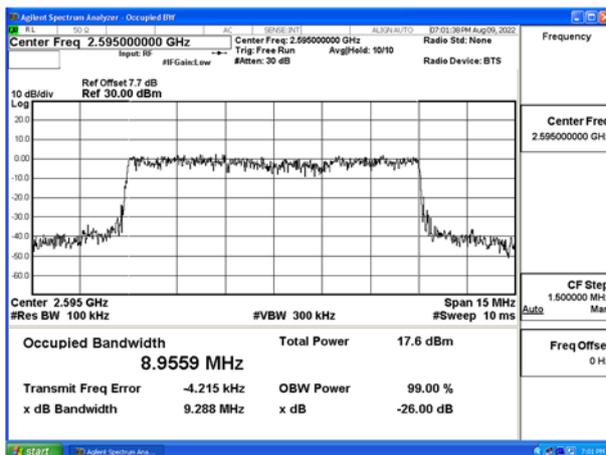


Fig.17

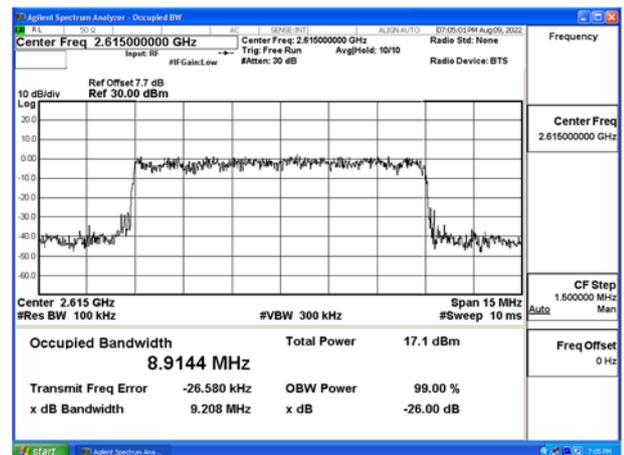


Fig.18

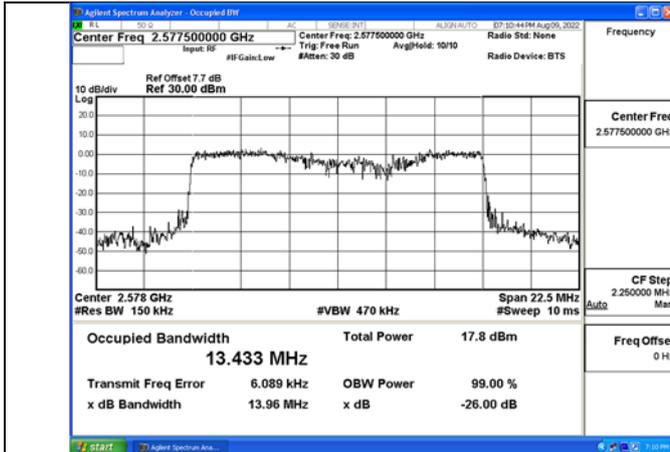


Fig.19

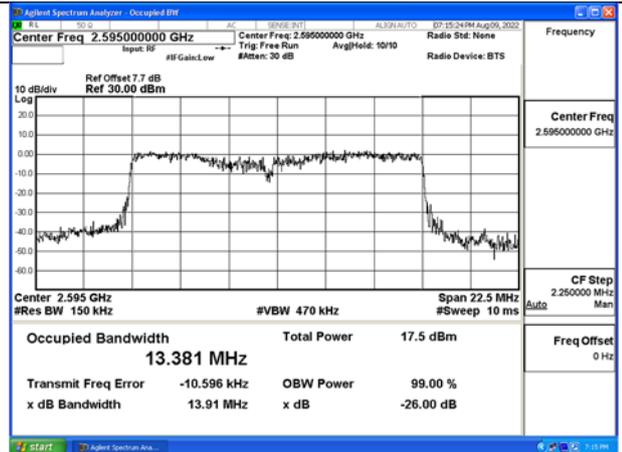


Fig.20

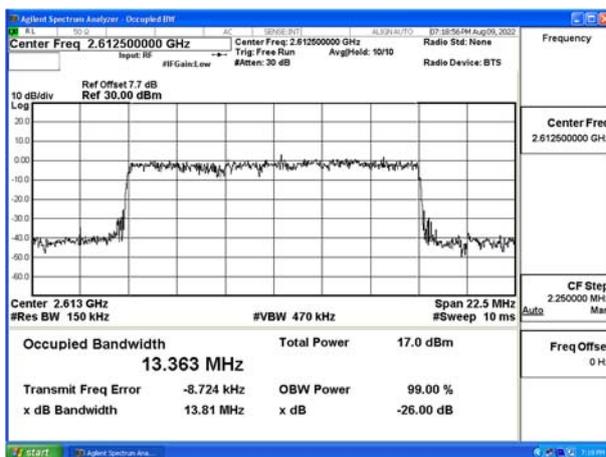


Fig.21

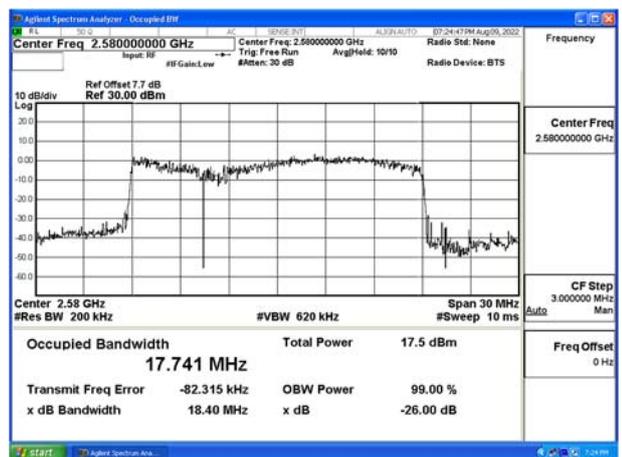


Fig.22

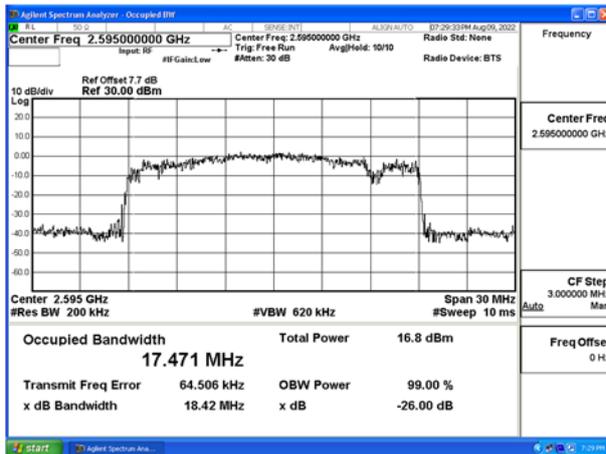


Fig.23

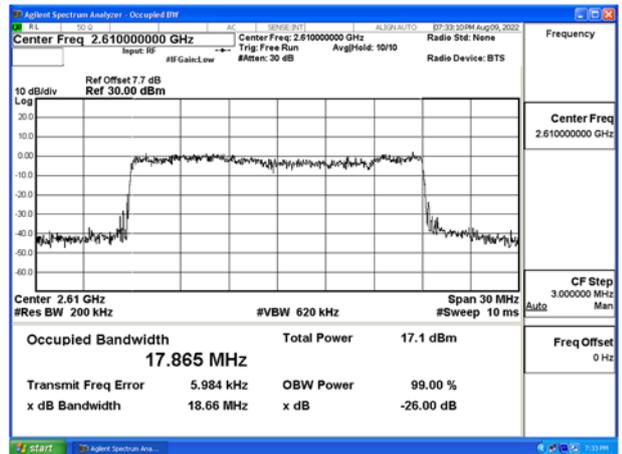


Fig.24

Test Mode: 64QAM

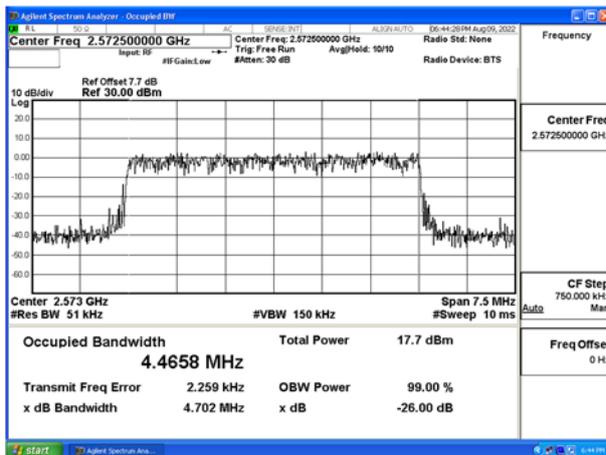


Fig.25

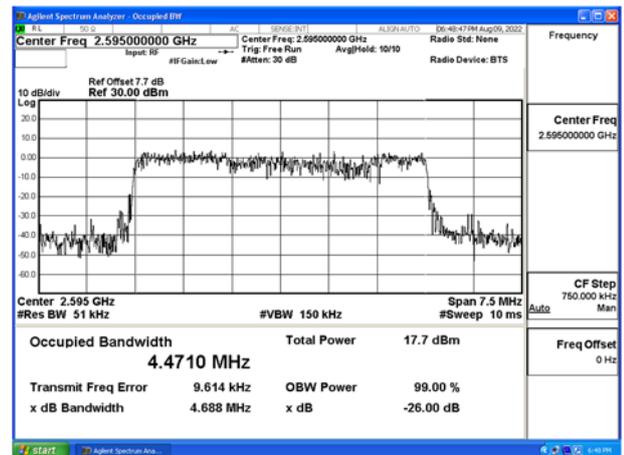


Fig.26

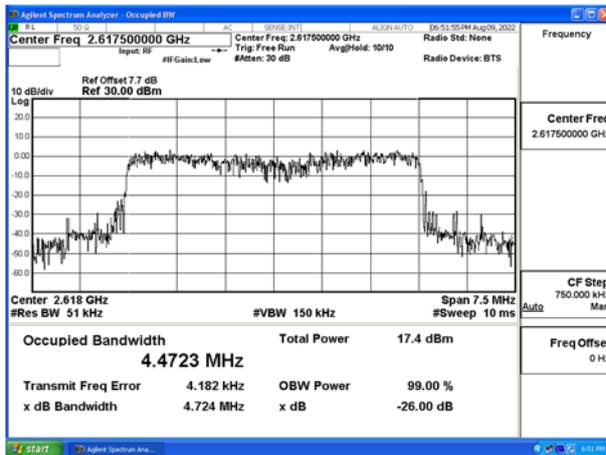


Fig.27

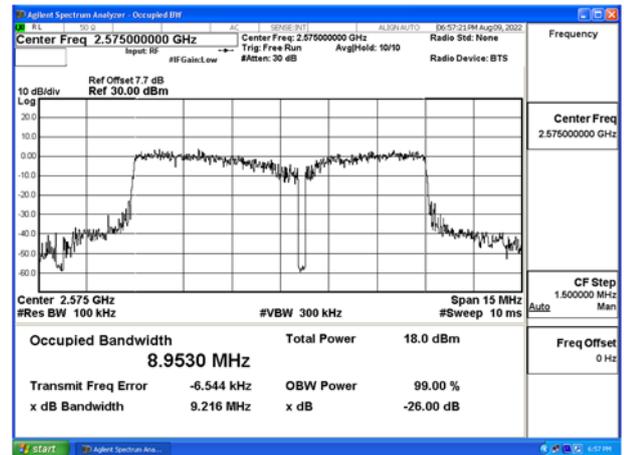


Fig.28

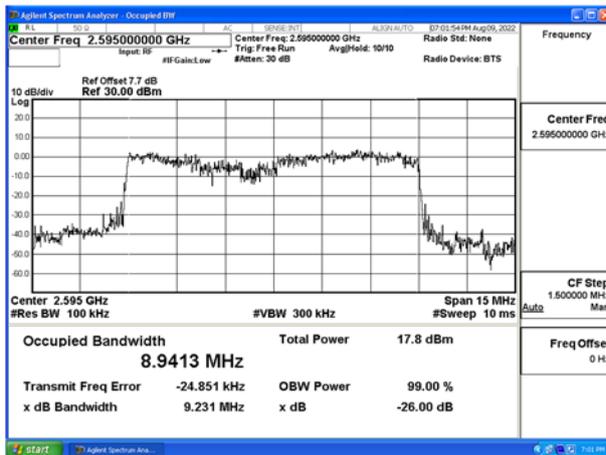


Fig.29

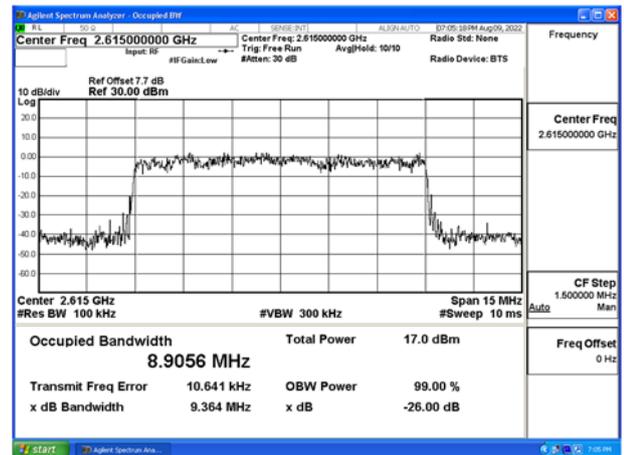


Fig.30

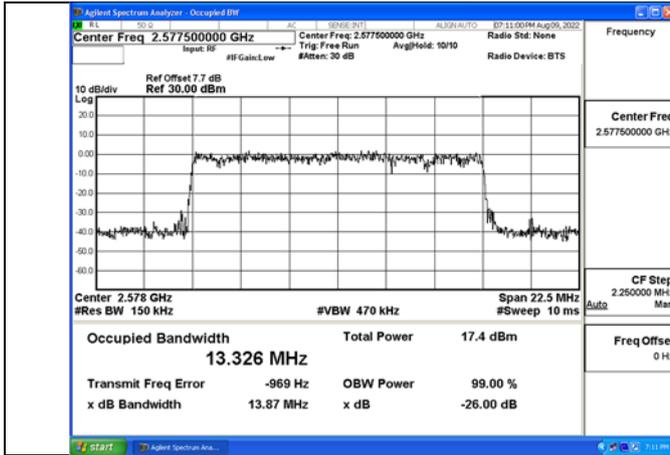


Fig.31

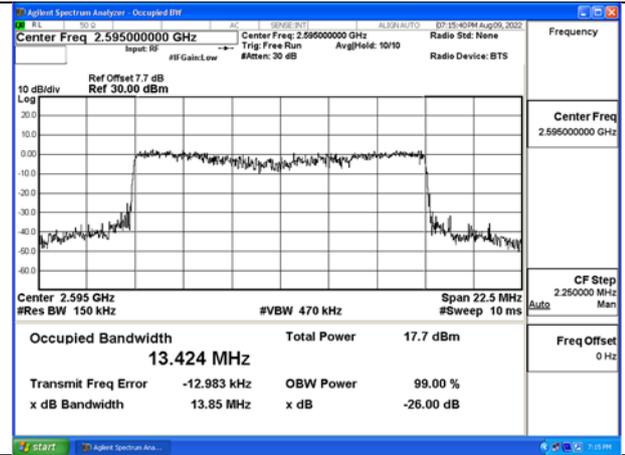


Fig.32

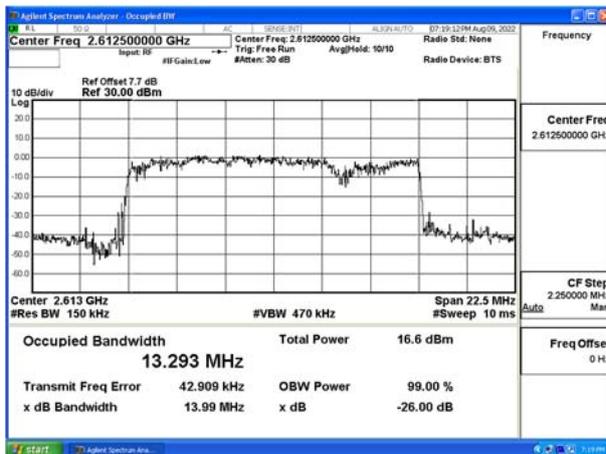


Fig.33

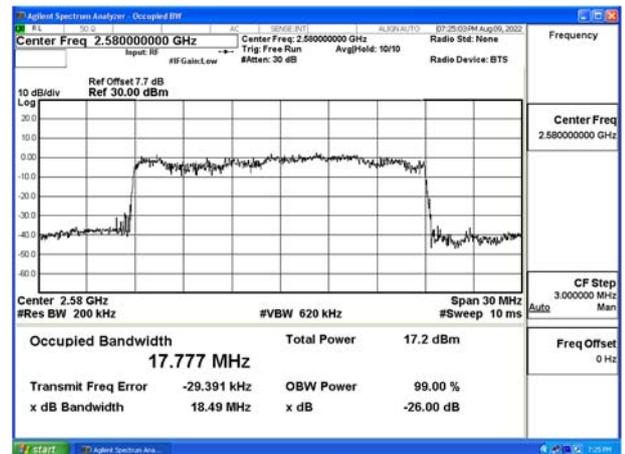


Fig.34

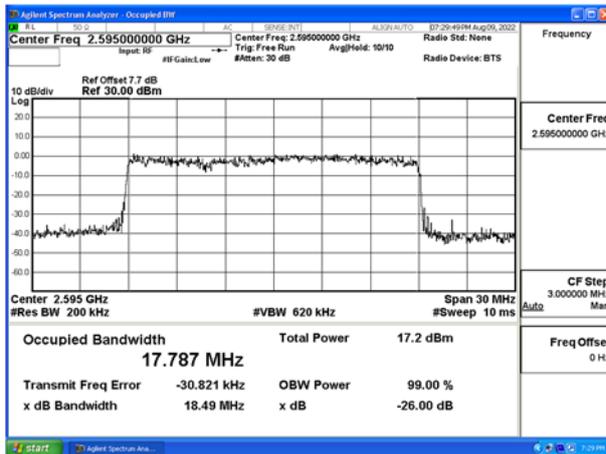


Fig.35

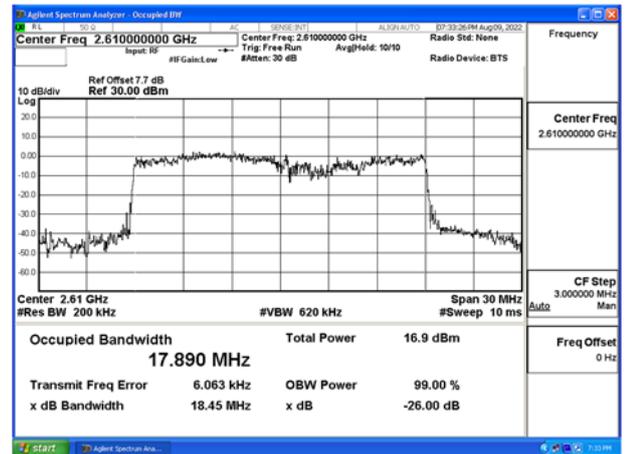


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
38	2572.5	37775	5	1	24	Fig.1	Fig.2	Fig.3
38	2572.5	37775	5	25	0	Fig.4	Fig.5	Fig.6
38	2595	38000	5	1	24	Fig.7	Fig.8	Fig.9
38	2595	38000	5	25	0	Fig.10	Fig.11	Fig.12
38	2617.5	38225	5	1	24	Fig.13	Fig.14	Fig.15
38	2617.5	38225	5	25	0	Fig.16	Fig.17	Fig.18
38	2575	37800	10	1	49	Fig.19	Fig.20	Fig.21
38	2575	37800	10	50	0	Fig.22	Fig.23	Fig.24
38	2595	38000	10	1	49	Fig.25	Fig.26	Fig.27
38	2595	38000	10	50	0	Fig.28	Fig.29	Fig.30
38	2615	38200	10	1	49	Fig.31	Fig.32	Fig.33
38	2615	38200	10	50	0	Fig.34	Fig.35	Fig.36
38	2577.5	37825	15	1	74	Fig.37	Fig.38	Fig.39
38	2577.5	37825	15	75	0	Fig.40	Fig.41	Fig.42
38	2595	38000	15	1	74	Fig.43	Fig.44	Fig.45
38	2595	38000	15	75	0	Fig.46	Fig.47	Fig.48
38	2612.5	38175	15	1	74	Fig.49	Fig.50	Fig.51
38	2612.5	38175	15	75	0	Fig.52	Fig.53	Fig.54
38	2580	37850	20	1	99	Fig.55	Fig.56	Fig.57
38	2580	37850	20	100	0	Fig.58	Fig.59	Fig.60
38	2595	38000	20	1	99	Fig.61	Fig.62	Fig.63
38	2595	38000	20	100	0	Fig.64	Fig.65	Fig.66
38	2610	38150	20	1	99	Fig.67	Fig.68	Fig.69
38	2610	38150	20	100	0	Fig.70	Fig.71	Fig.72

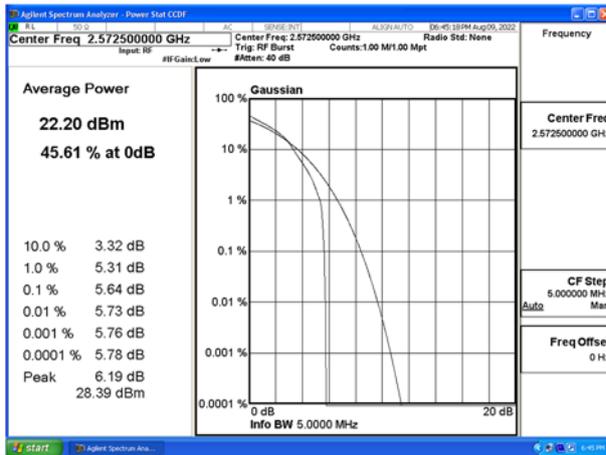


Fig.1

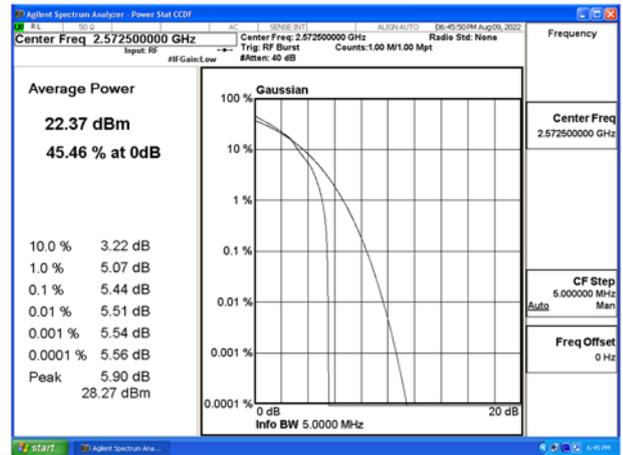


Fig.2

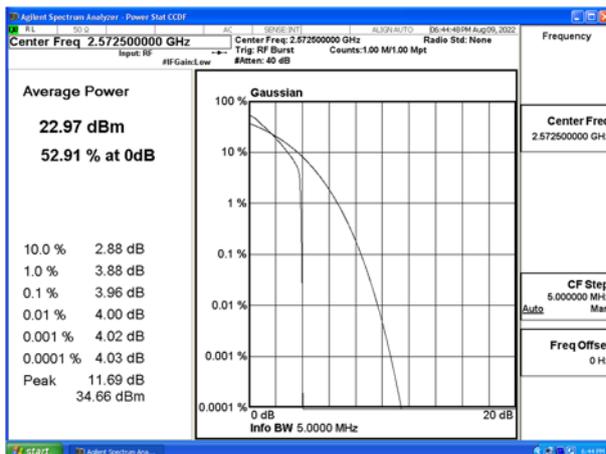


Fig.3

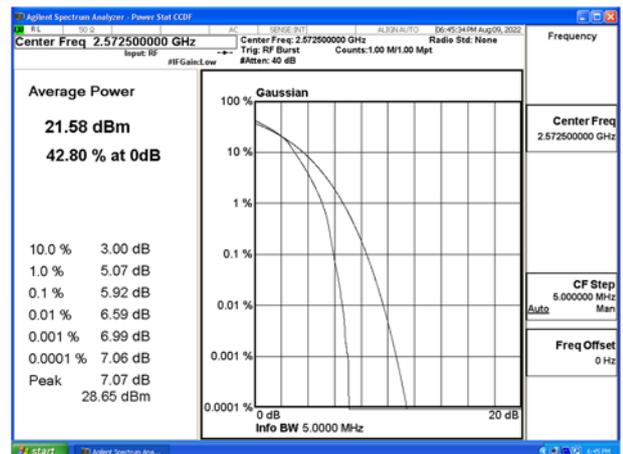


Fig.4

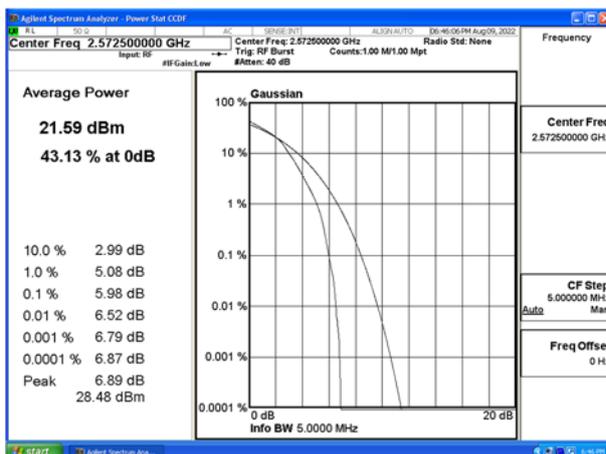


Fig.5

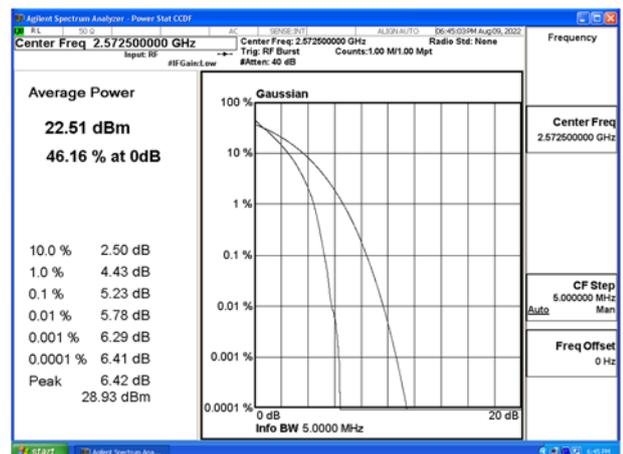


Fig.6

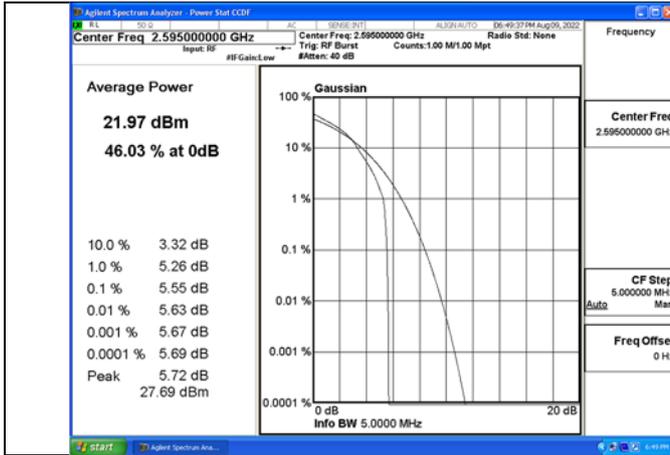


Fig.7

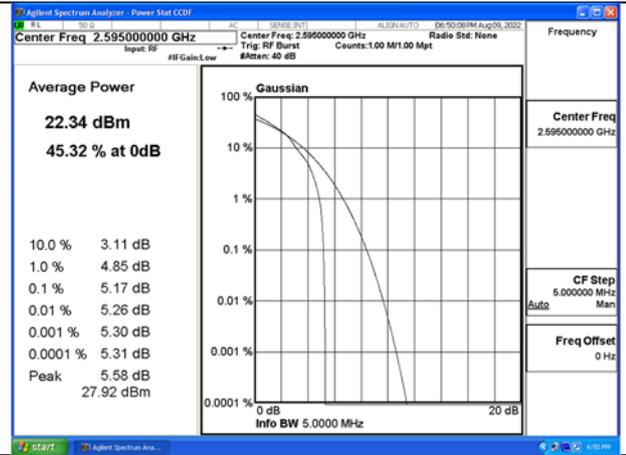


Fig.8

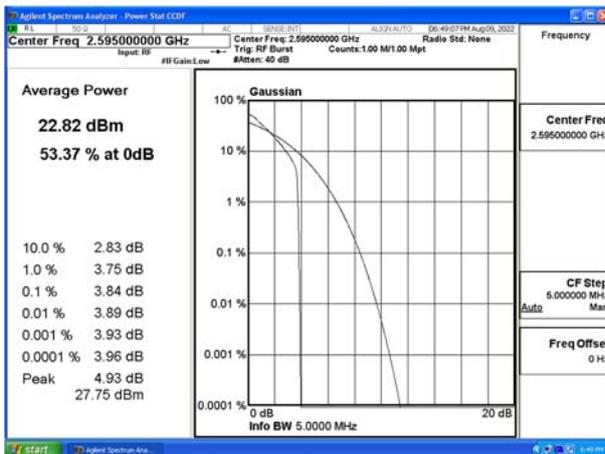


Fig.9

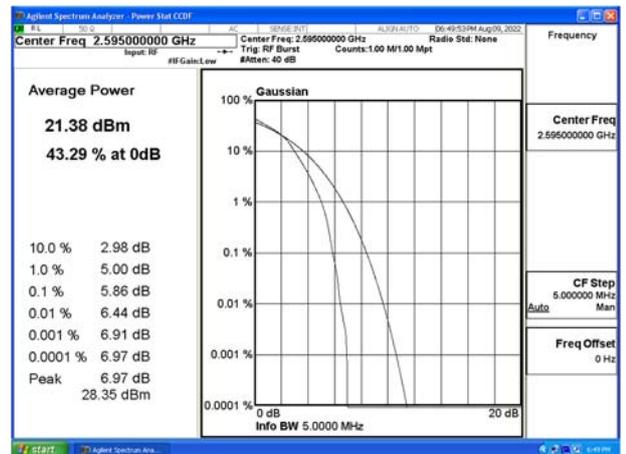


Fig.10

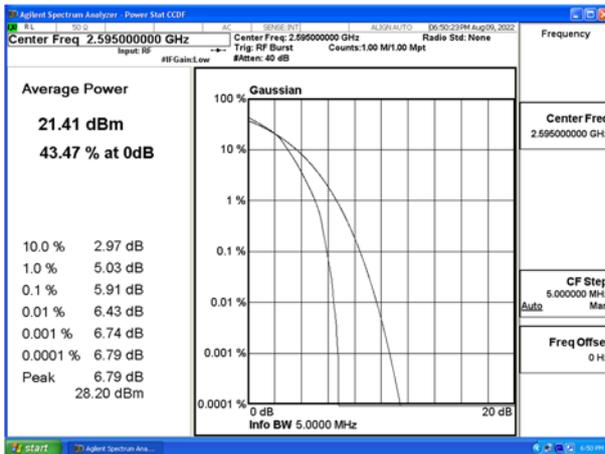


Fig.11

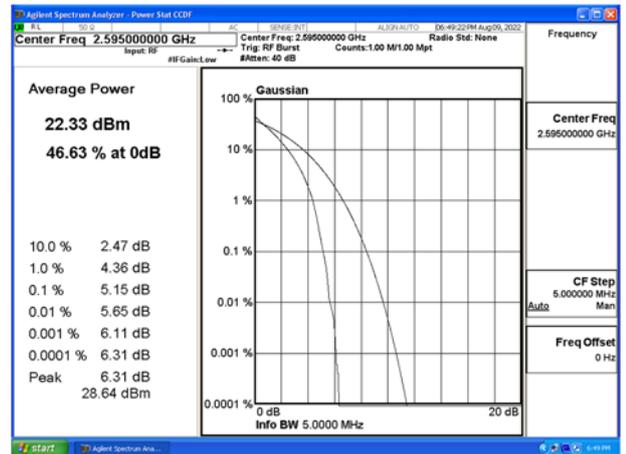


Fig.12