

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)
16QAM	2572.5	37775	5	1	0	22.49
16QAM	2572.5	37775	5	1	12	22.49
16QAM	2572.5	37775	5	1	24	22.44
16QAM	2572.5	37775	5	12	0	21.70
16QAM	2572.5	37775	5	12	7	21.79
16QAM	2572.5	37775	5	12	13	21.67
16QAM	2572.5	37775	5	25	0	21.87
16QAM	2595	38000	5	1	0	22.05
16QAM	2595	38000	5	1	12	22.18
16QAM	2595	38000	5	1	24	22.21
16QAM	2595	38000	5	12	0	21.57
16QAM	2595	38000	5	12	7	21.48
16QAM	2595	38000	5	12	13	21.62
16QAM	2595	38000	5	25	0	21.54
16QAM	2617.5	38225	5	1	0	22.09
16QAM	2617.5	38225	5	1	12	22.12
16QAM	2617.5	38225	5	1	24	22.05
16QAM	2617.5	38225	5	12	0	21.26
16QAM	2617.5	38225	5	12	7	21.40
16QAM	2617.5	38225	5	12	13	21.45
16QAM	2617.5	38225	5	25	0	21.49
64QAM	2572.5	37775	5	1	0	21.12
64QAM	2572.5	37775	5	1	12	21.16
64QAM	2572.5	37775	5	1	24	21.04
64QAM	2572.5	37775	5	12	0	20.27
64QAM	2572.5	37775	5	12	7	20.42
64QAM	2572.5	37775	5	12	13	20.13
64QAM	2572.5	37775	5	25	0	20.46
64QAM	2595	38000	5	1	0	21.23
64QAM	2595	38000	5	1	12	21.17
64QAM	2595	38000	5	1	24	21.02
64QAM	2595	38000	5	12	0	20.25
64QAM	2595	38000	5	12	7	20.08
64QAM	2595	38000	5	12	13	20.14
64QAM	2595	38000	5	25	0	20.22
64QAM	2617.5	38225	5	1	0	20.87
64QAM	2617.5	38225	5	1	12	21.11
64QAM	2617.5	38225	5	1	24	20.80
64QAM	2617.5	38225	5	12	0	19.84
64QAM	2617.5	38225	5	12	7	19.88
64QAM	2617.5	38225	5	12	13	19.82
64QAM	2617.5	38225	5	25	0	20.10

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	22.46
QPSK	2572.5	37775	5	1	12	23.73
QPSK	2572.5	37775	5	1	24	23.63
QPSK	2572.5	37775	5	12	0	22.70
QPSK	2572.5	37775	5	12	7	22.74
QPSK	2572.5	37775	5	12	13	22.57
QPSK	2572.5	37775	5	25	0	22.68
QPSK	2595	38000	5	1	0	24.08
QPSK	2595	38000	5	1	12	23.85
QPSK	2595	38000	5	1	24	24.01
QPSK	2595	38000	5	12	0	22.45
QPSK	2595	38000	5	12	7	22.41
QPSK	2595	38000	5	12	13	22.35
QPSK	2595	38000	5	25	0	22.43
QPSK	2617.5	38225	5	1	0	23.62
QPSK	2617.5	38225	5	1	12	23.69
QPSK	2617.5	38225	5	1	24	23.63
QPSK	2617.5	38225	5	12	0	22.38
QPSK	2617.5	38225	5	12	7	22.34
QPSK	2617.5	38225	5	12	13	22.35
QPSK	2617.5	38225	5	25	0	22.38

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	22.40
16QAM	2575	37800	10	1	25	22.40
16QAM	2575	37800	10	1	49	22.31
16QAM	2575	37800	10	25	0	21.73
16QAM	2575	37800	10	25	12	21.79
16QAM	2575	37800	10	25	25	21.71
16QAM	2575	37800	10	50	0	21.80
16QAM	2595	38000	10	1	0	22.38
16QAM	2595	38000	10	1	25	22.24
16QAM	2595	38000	10	1	49	22.17
16QAM	2595	38000	10	25	0	21.62
16QAM	2595	38000	10	25	12	21.49
16QAM	2595	38000	10	25	25	21.55
16QAM	2595	38000	10	50	0	21.54
16QAM	2615	38200	10	1	0	22.17
16QAM	2615	38200	10	1	25	22.08
16QAM	2615	38200	10	1	49	21.87
16QAM	2615	38200	10	25	0	21.49
16QAM	2615	38200	10	25	12	21.49
16QAM	2615	38200	10	25	25	21.42
16QAM	2615	38200	10	50	0	21.55
64QAM	2575	37800	10	1	0	21.32
64QAM	2575	37800	10	1	25	21.38
64QAM	2575	37800	10	1	49	21.38
64QAM	2575	37800	10	25	0	20.49
64QAM	2575	37800	10	25	12	20.43
64QAM	2575	37800	10	25	25	20.37
64QAM	2575	37800	10	50	0	20.24
64QAM	2595	38000	10	1	0	21.19
64QAM	2595	38000	10	1	25	21.21
64QAM	2595	38000	10	1	49	21.07
64QAM	2595	38000	10	25	0	20.32
64QAM	2595	38000	10	25	12	20.21
64QAM	2595	38000	10	25	25	20.25
64QAM	2595	38000	10	50	0	20.03
64QAM	2615	38200	10	1	0	20.78
64QAM	2615	38200	10	1	25	20.70
64QAM	2615	38200	10	1	49	20.75
64QAM	2615	38200	10	25	0	20.07
64QAM	2615	38200	10	25	12	20.19
64QAM	2615	38200	10	25	25	20.17
64QAM	2615	38200	10	50	0	19.95

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	24.24
QPSK	2575	37800	10	1	25	24.18
QPSK	2575	37800	10	1	49	24.13
QPSK	2575	37800	10	25	0	22.66
QPSK	2575	37800	10	25	12	22.73
QPSK	2575	37800	10	25	25	22.53
QPSK	2575	37800	10	50	0	22.61
QPSK	2595	38000	10	1	0	24.10
QPSK	2595	38000	10	1	25	23.90
QPSK	2595	38000	10	1	49	23.83
QPSK	2595	38000	10	25	0	22.56
QPSK	2595	38000	10	25	12	22.33
QPSK	2595	38000	10	25	25	22.38
QPSK	2595	38000	10	50	0	22.36
QPSK	2615	38200	10	1	0	23.85
QPSK	2615	38200	10	1	25	23.95
QPSK	2615	38200	10	1	49	23.98
QPSK	2615	38200	10	25	0	22.34
QPSK	2615	38200	10	25	12	22.36
QPSK	2615	38200	10	25	25	22.36
QPSK	2615	38200	10	50	0	22.31

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	22.36
16QAM	2577.5	37825	15	1	37	22.34
16QAM	2577.5	37825	15	1	74	22.26
16QAM	2577.5	37825	15	36	0	21.71
16QAM	2577.5	37825	15	36	29	21.65
16QAM	2577.5	37825	15	36	30	21.65
16QAM	2577.5	37825	15	75	0	21.88
16QAM	2595	38000	15	1	0	22.45
16QAM	2595	38000	15	1	37	22.23
16QAM	2595	38000	15	1	74	22.17
16QAM	2595	38000	15	36	0	21.60
16QAM	2595	38000	15	36	29	21.47
16QAM	2595	38000	15	36	30	21.47
16QAM	2595	38000	15	75	0	21.49
16QAM	2612.5	38175	15	1	0	21.92
16QAM	2612.5	38175	15	1	37	22.06
16QAM	2612.5	38175	15	1	74	21.97
16QAM	2612.5	38175	15	36	0	21.50
16QAM	2612.5	38175	15	36	29	21.32
16QAM	2612.5	38175	15	36	30	21.31
16QAM	2612.5	38175	15	75	0	21.58
64QAM	2577.5	37825	15	1	0	21.26
64QAM	2577.5	37825	15	1	37	21.34
64QAM	2577.5	37825	15	1	74	21.12
64QAM	2577.5	37825	15	36	0	20.26
64QAM	2577.5	37825	15	36	29	20.28
64QAM	2577.5	37825	15	36	30	20.29
64QAM	2577.5	37825	15	75	0	20.21
64QAM	2595	38000	15	1	0	21.16
64QAM	2595	38000	15	1	37	21.02
64QAM	2595	38000	15	1	74	20.88
64QAM	2595	38000	15	36	0	20.20
64QAM	2595	38000	15	36	29	20.18
64QAM	2595	38000	15	36	30	20.07
64QAM	2595	38000	15	75	0	20.07
64QAM	2612.5	38175	15	1	0	20.80
64QAM	2612.5	38175	15	1	37	20.84
64QAM	2612.5	38175	15	1	74	20.70
64QAM	2612.5	38175	15	36	0	20.01
64QAM	2612.5	38175	15	36	29	19.93
64QAM	2612.5	38175	15	36	30	20.06
64QAM	2612.5	38175	15	75	0	19.93

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	24.11
QPSK	2577.5	37825	15	1	37	24.12
QPSK	2577.5	37825	15	1	74	24.09
QPSK	2577.5	37825	15	36	0	22.75
QPSK	2577.5	37825	15	36	29	22.63
QPSK	2577.5	37825	15	36	30	22.64
QPSK	2577.5	37825	15	75	0	22.69
QPSK	2595	38000	15	1	0	23.82
QPSK	2595	38000	15	1	37	23.70
QPSK	2595	38000	15	1	74	23.65
QPSK	2595	38000	15	36	0	22.47
QPSK	2595	38000	15	36	29	22.47
QPSK	2595	38000	15	36	30	22.46
QPSK	2595	38000	15	75	0	22.33
QPSK	2612.5	38175	15	1	0	24.00
QPSK	2612.5	38175	15	1	37	23.91
QPSK	2612.5	38175	15	1	74	23.88
QPSK	2612.5	38175	15	36	0	22.29
QPSK	2612.5	38175	15	36	29	22.31
QPSK	2612.5	38175	15	36	30	22.30
QPSK	2612.5	38175	15	75	0	22.37

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	22.42
16QAM	2580	37850	20	1	49	22.49
16QAM	2580	37850	20	1	99	22.23
16QAM	2580	37850	20	50	0	21.80
16QAM	2580	37850	20	50	24	21.85
16QAM	2580	37850	20	50	50	21.77
16QAM	2580	37850	20	100	0	21.70
16QAM	2595	38000	20	1	0	22.60
16QAM	2595	38000	20	1	49	22.40
16QAM	2595	38000	20	1	99	22.33
16QAM	2595	38000	20	50	0	21.70
16QAM	2595	38000	20	50	24	21.49
16QAM	2595	38000	20	50	50	21.54
16QAM	2595	38000	20	100	0	21.54
16QAM	2610	38150	20	1	0	22.17
16QAM	2610	38150	20	1	49	22.11
16QAM	2610	38150	20	1	99	22.08
16QAM	2610	38150	20	50	0	21.57
16QAM	2610	38150	20	50	24	21.51
16QAM	2610	38150	20	50	50	21.45
16QAM	2610	38150	20	100	0	21.57
64QAM	2580	37850	20	1	0	21.43
64QAM	2580	37850	20	1	49	21.38
64QAM	2580	37850	20	1	99	21.17
64QAM	2580	37850	20	50	0	20.31
64QAM	2580	37850	20	50	24	20.30
64QAM	2580	37850	20	50	50	20.00
64QAM	2580	37850	20	100	0	20.07
64QAM	2595	38000	20	1	0	20.93
64QAM	2595	38000	20	1	49	20.82
64QAM	2595	38000	20	1	99	20.93
64QAM	2595	38000	20	50	0	20.13
64QAM	2595	38000	20	50	24	20.00
64QAM	2595	38000	20	50	50	20.08
64QAM	2595	38000	20	100	0	20.09
64QAM	2610	38150	20	1	0	20.86
64QAM	2610	38150	20	1	49	20.93
64QAM	2610	38150	20	1	99	20.75
64QAM	2610	38150	20	50	0	19.90
64QAM	2610	38150	20	50	24	19.97
64QAM	2610	38150	20	50	50	19.94
64QAM	2610	38150	20	100	0	19.91

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	24.31
QPSK	2580	37850	20	1	49	24.10
QPSK	2580	37850	20	1	99	24.07
QPSK	2580	37850	20	50	0	22.77
QPSK	2580	37850	20	50	24	22.63
QPSK	2580	37850	20	50	50	22.58
QPSK	2580	37850	20	100	0	22.53
QPSK	2595	38000	20	1	0	23.86
QPSK	2595	38000	20	1	49	23.72
QPSK	2595	38000	20	1	99	23.68
QPSK	2595	38000	20	50	0	22.64
QPSK	2595	38000	20	50	24	22.54
QPSK	2595	38000	20	50	50	22.36
QPSK	2595	38000	20	100	0	22.37
QPSK	2610	38150	20	1	0	23.88
QPSK	2610	38150	20	1	49	23.93
QPSK	2610	38150	20	1	99	23.82
QPSK	2610	38150	20	50	0	22.28
QPSK	2610	38150	20	50	24	22.28
QPSK	2610	38150	20	50	50	22.36
QPSK	2610	38150	20	100	0	22.48

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	4.450	Fig.1
38	QPSK	2595	38000	5	25	0	4.470	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.470	Fig.3
38	QPSK	2575	37800	10	50	0	8.890	Fig.4
38	QPSK	2595	38000	10	50	0	8.910	Fig.5
38	QPSK	2615	38200	10	50	0	8.890	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.220	Fig.7
38	QPSK	2595	38000	15	75	0	13.370	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.380	Fig.9
38	QPSK	2580	37850	20	100	0	17.860	Fig.10
38	QPSK	2595	38000	20	100	0	17.900	Fig.11
38	QPSK	2610	38150	20	100	0	17.800	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	4.400	Fig.13
38	16QAM	2595	38000	5	25	0	4.470	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.470	Fig.15
38	16QAM	2575	37800	10	50	0	8.870	Fig.16
38	16QAM	2595	38000	10	50	0	8.880	Fig.17
38	16QAM	2615	38200	10	50	0	8.860	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.320	Fig.19
38	16QAM	2595	38000	15	75	0	13.340	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.310	Fig.21
38	16QAM	2580	37850	20	100	0	17.810	Fig.22
38	16QAM	2595	38000	20	100	0	17.800	Fig.23
38	16QAM	2610	38150	20	100	0	17.880	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	4.460	Fig.25
38	64QAM	2595	38000	5	25	0	4.470	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.450	Fig.27
38	64QAM	2575	37800	10	50	0	8.920	Fig.28
38	64QAM	2595	38000	10	50	0	8.950	Fig.29
38	64QAM	2615	38200	10	50	0	8.930	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.130	Fig.31
38	64QAM	2595	38000	15	75	0	13.390	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.380	Fig.33
38	64QAM	2580	37850	20	100	0	17.860	Fig.34
38	64QAM	2595	38000	20	100	0	17.840	Fig.35
38	64QAM	2610	38150	20	100	0	17.900	Fig.36

Test Mode: QPSK

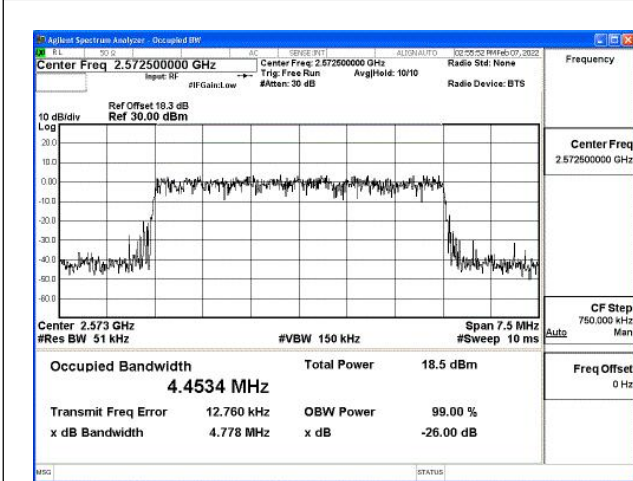


Fig.1

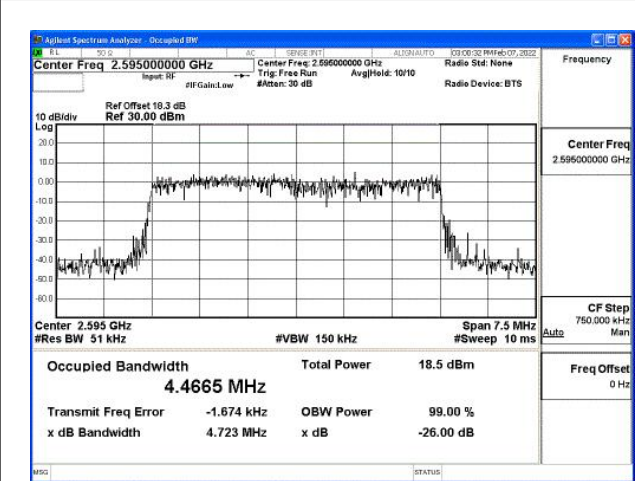


Fig.2

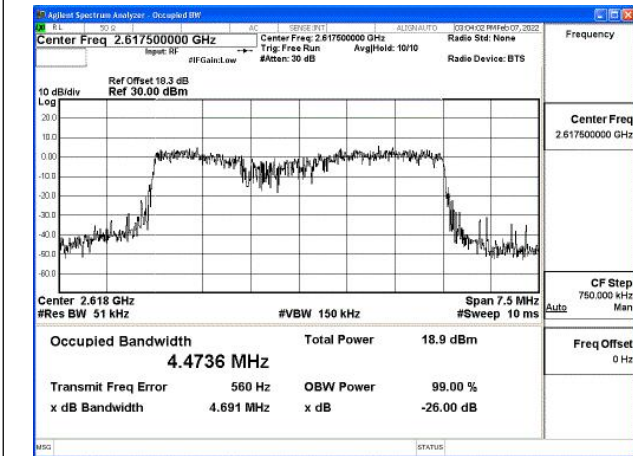


Fig.3

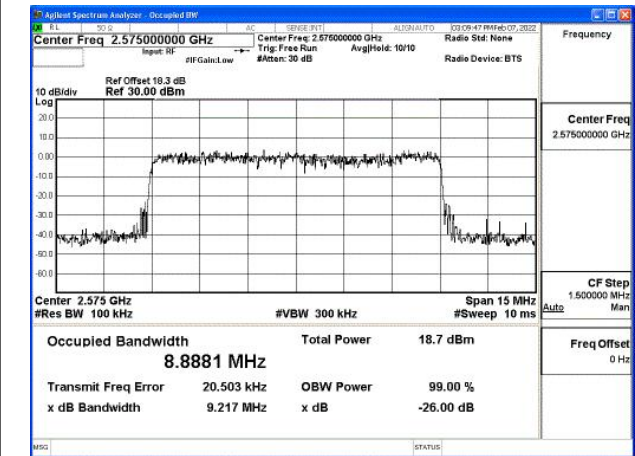


Fig.4

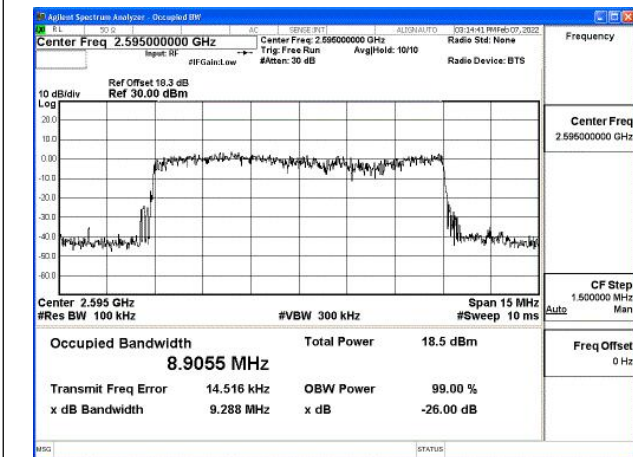


Fig.5

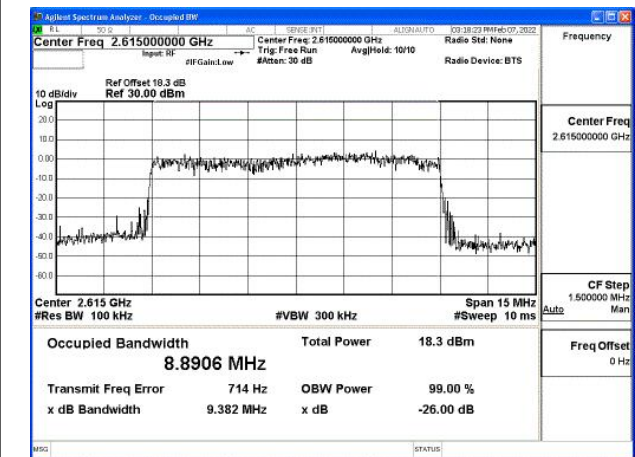


Fig.6

Test Mode: 16QAM

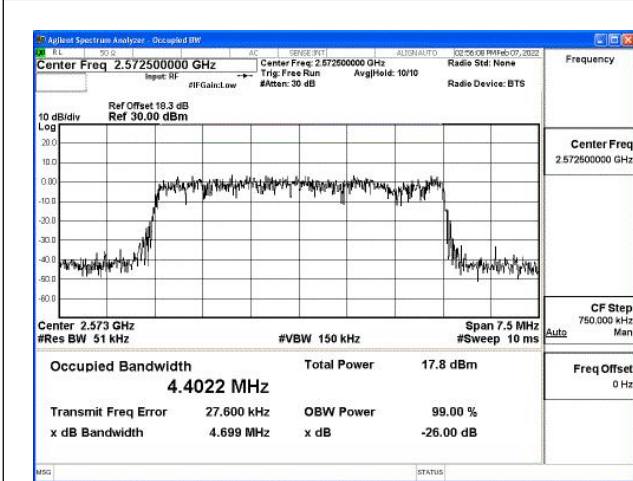


Fig.13

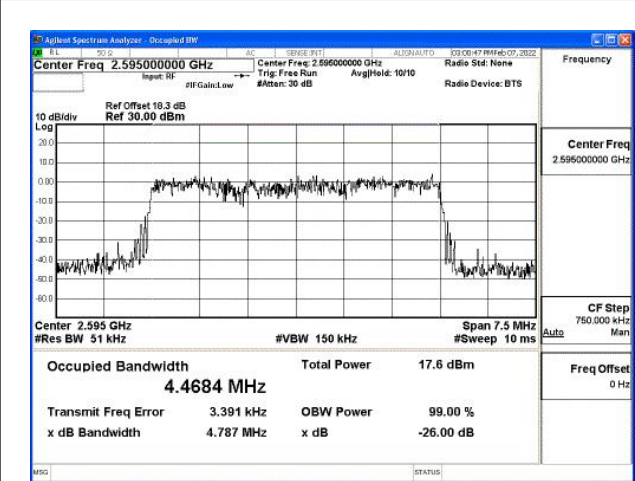


Fig.14

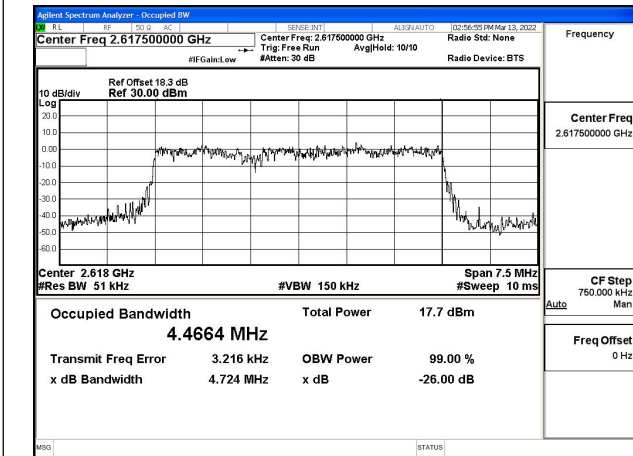


Fig.15

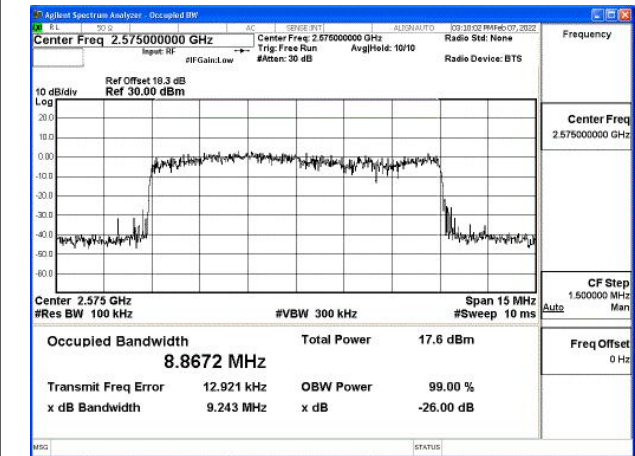


Fig.16

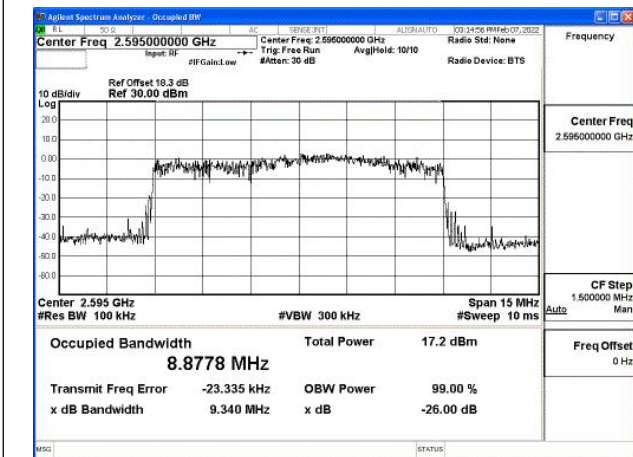


Fig.17

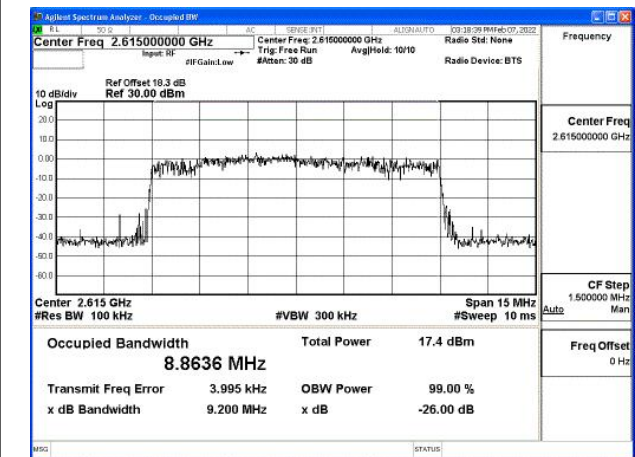


Fig.18

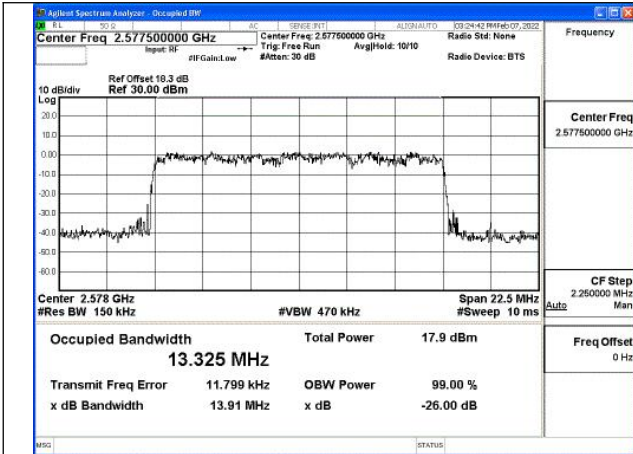


Fig.19

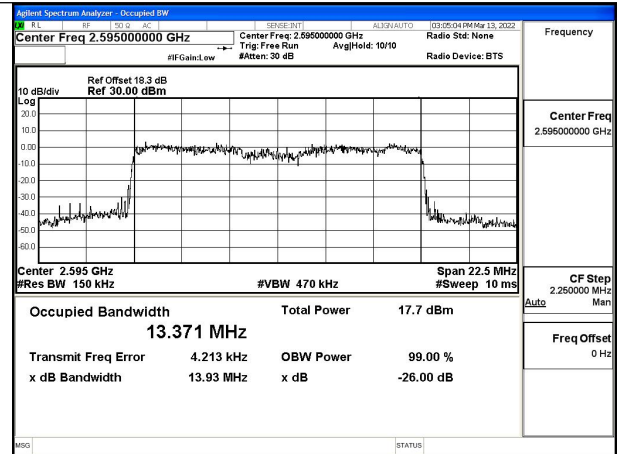


Fig.20

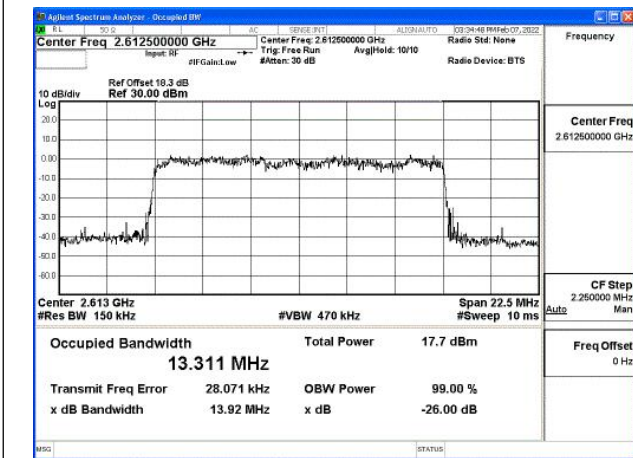


Fig.21

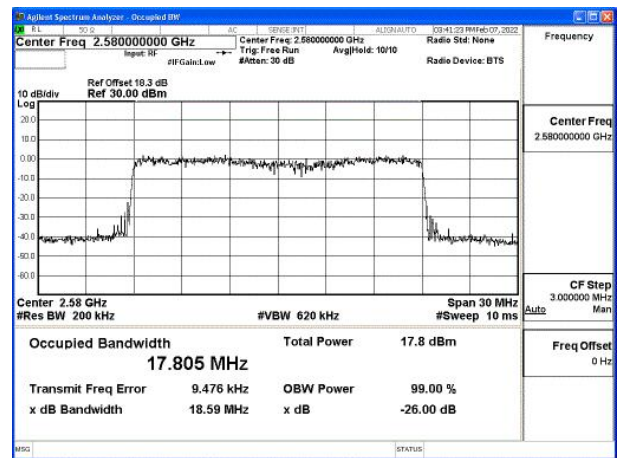


Fig.22

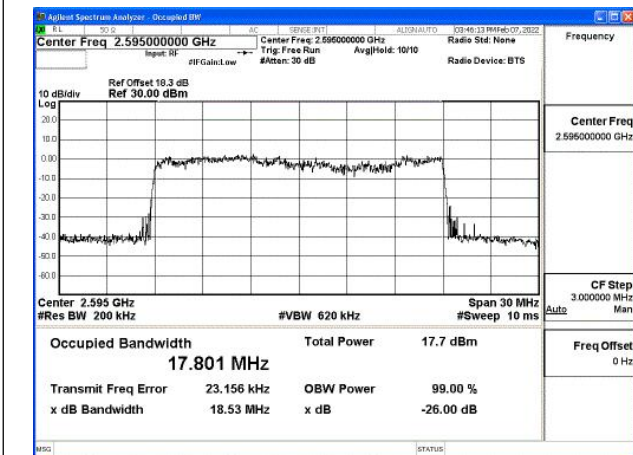


Fig.23

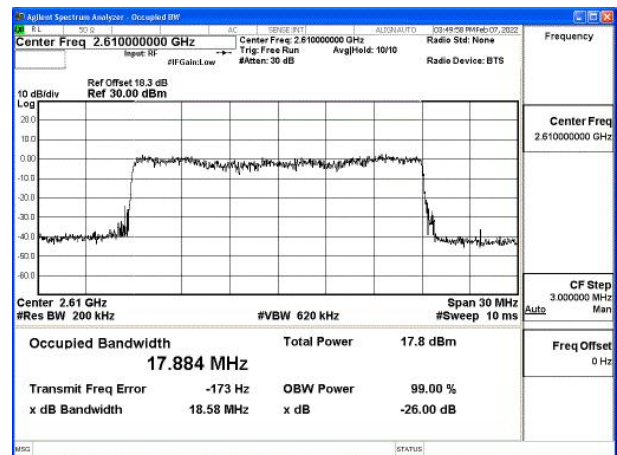


Fig.24

Test Mode: 64QAM

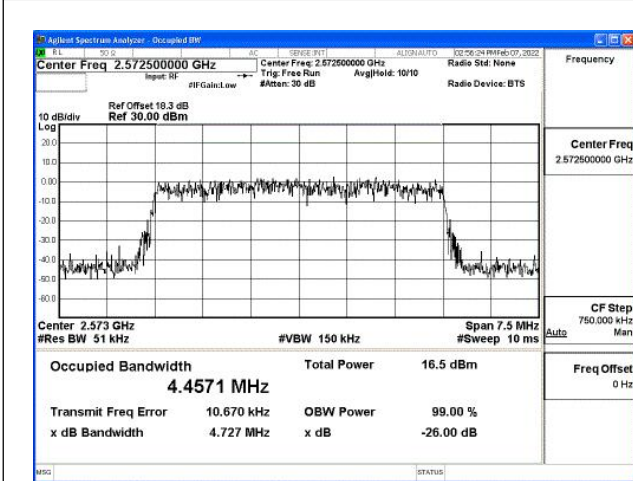


Fig.25

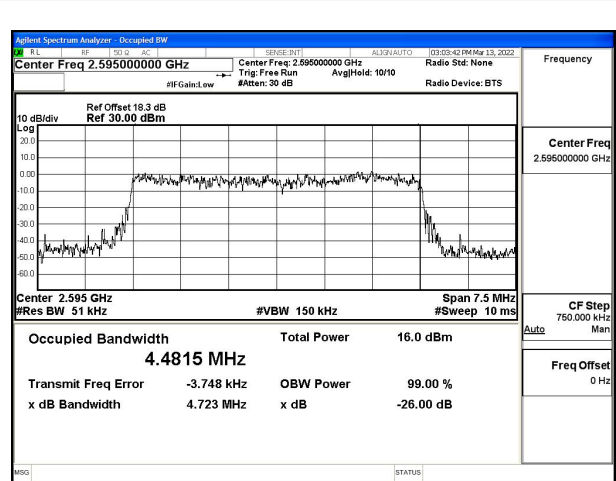


Fig.26

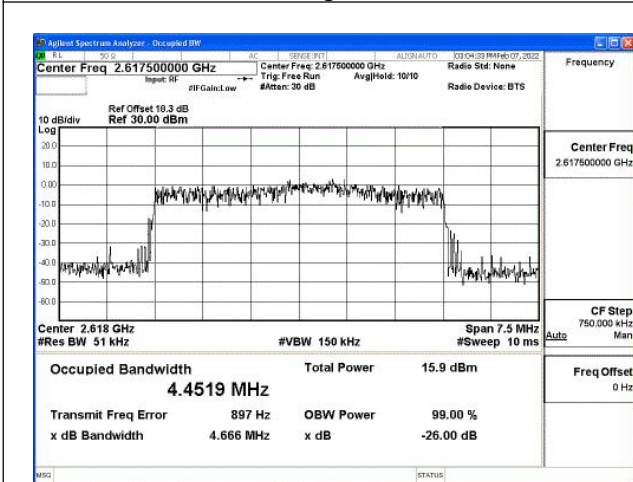


Fig.27

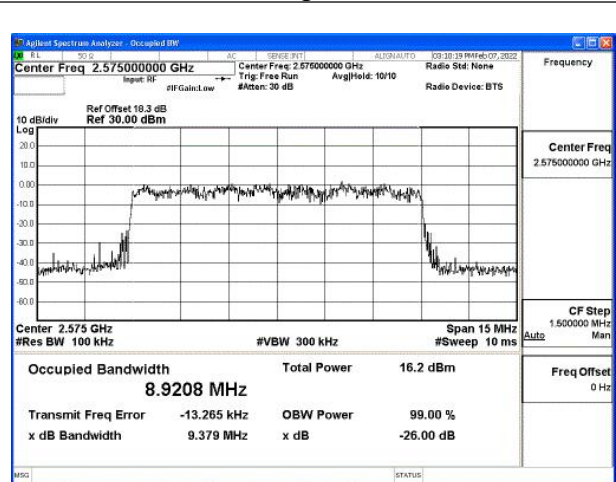


Fig.28

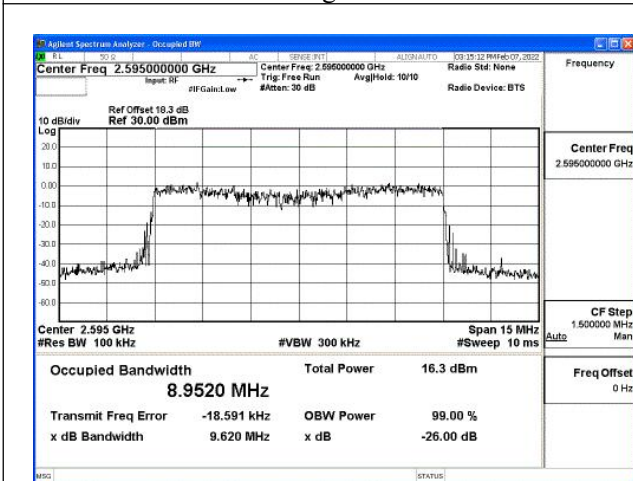


Fig.29

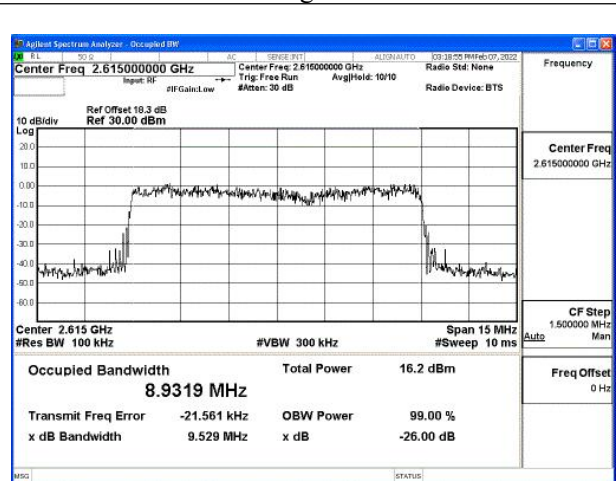


Fig.30

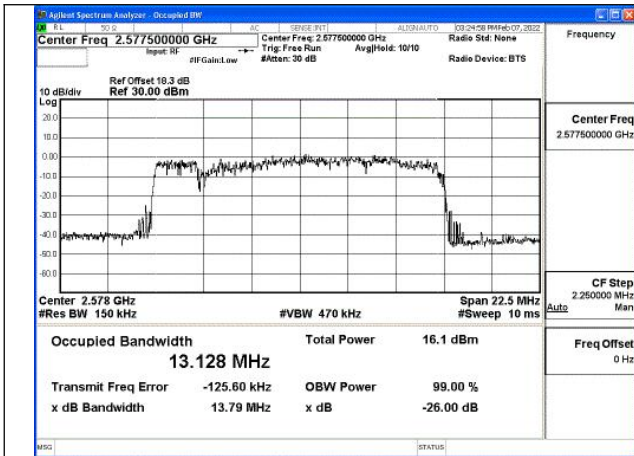


Fig.31

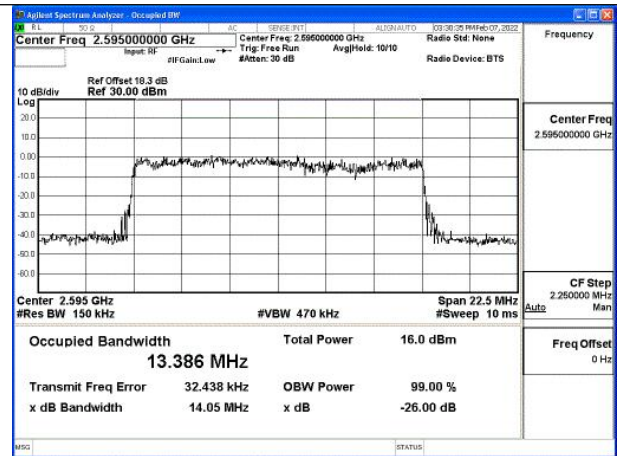


Fig.32

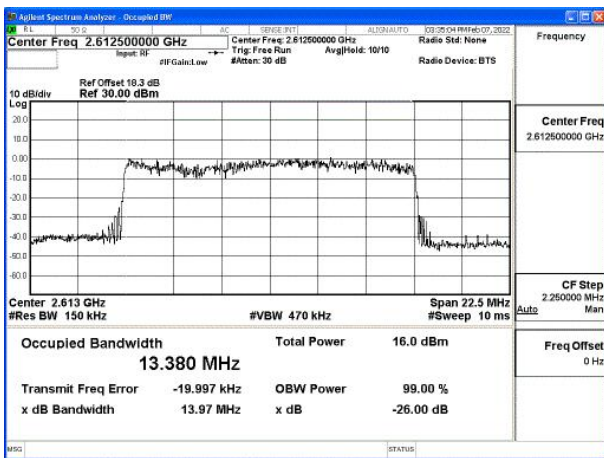


Fig.33

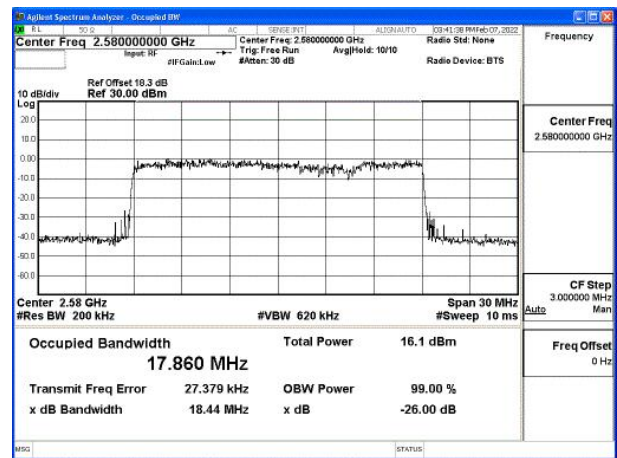


Fig.34

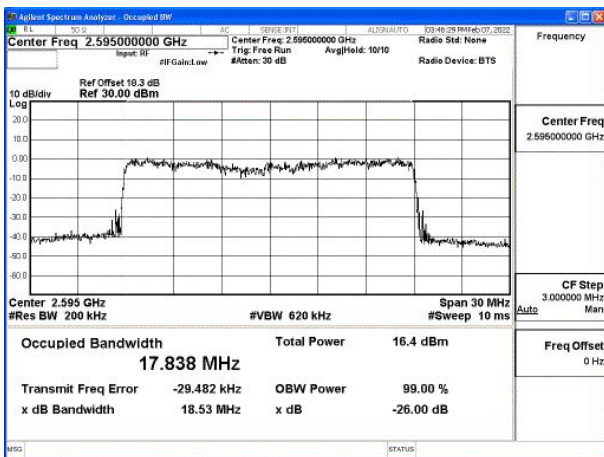


Fig.35

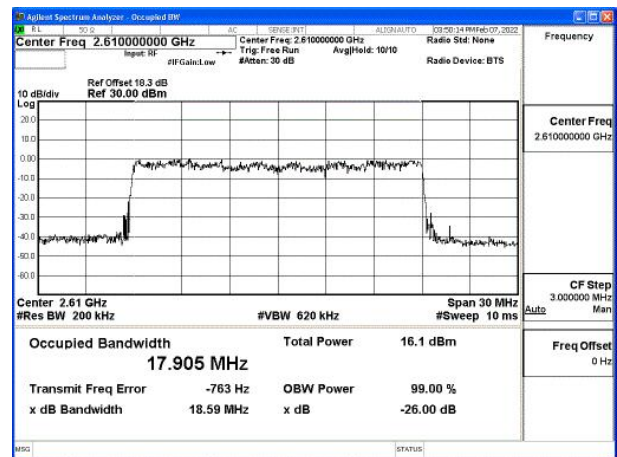


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
38	QPSK	2572.5	37775	5	25	0	4.780	Fig.1
38	QPSK	2595	38000	5	25	0	4.720	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.690	Fig.3
38	QPSK	2575	37800	10	50	0	9.220	Fig.4
38	QPSK	2595	38000	10	50	0	9.290	Fig.5
38	QPSK	2615	38200	10	50	0	9.380	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.810	Fig.7
38	QPSK	2595	38000	15	75	0	13.890	Fig.8
38	QPSK	2612.5	38175	15	75	0	14.000	Fig.9
38	QPSK	2580	37850	20	100	0	18.590	Fig.10
38	QPSK	2595	38000	20	100	0	18.450	Fig.11
38	QPSK	2610	38150	20	100	0	18.460	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	4.700	Fig.13
38	16QAM	2595	38000	5	25	0	4.790	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.810	Fig.15
38	16QAM	2575	37800	10	50	0	9.240	Fig.16
38	16QAM	2595	38000	10	50	0	9.340	Fig.17
38	16QAM	2615	38200	10	50	0	9.200	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.910	Fig.19
38	16QAM	2595	38000	15	75	0	13.850	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.920	Fig.21
38	16QAM	2580	37850	20	100	0	18.590	Fig.22
38	16QAM	2595	38000	20	100	0	18.530	Fig.23
38	16QAM	2610	38150	20	100	0	18.580	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	4.730	Fig.25
38	64QAM	2595	38000	5	25	0	4.770	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.670	Fig.27
38	64QAM	2575	37800	10	50	0	9.380	Fig.28
38	64QAM	2595	38000	10	50	0	9.620	Fig.29
38	64QAM	2615	38200	10	50	0	9.530	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.790	Fig.31
38	64QAM	2595	38000	15	75	0	14.050	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.970	Fig.33
38	64QAM	2580	37850	20	100	0	18.440	Fig.34
38	64QAM	2595	38000	20	100	0	18.530	Fig.35
38	64QAM	2610	38150	20	100	0	18.590	Fig.36

Test Mode: QPSK

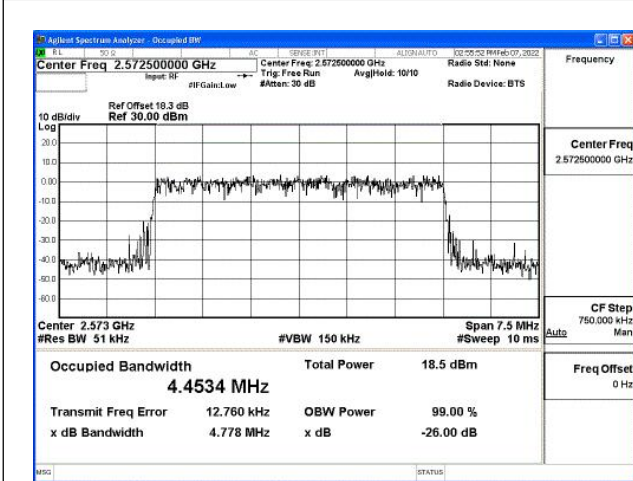


Fig.1

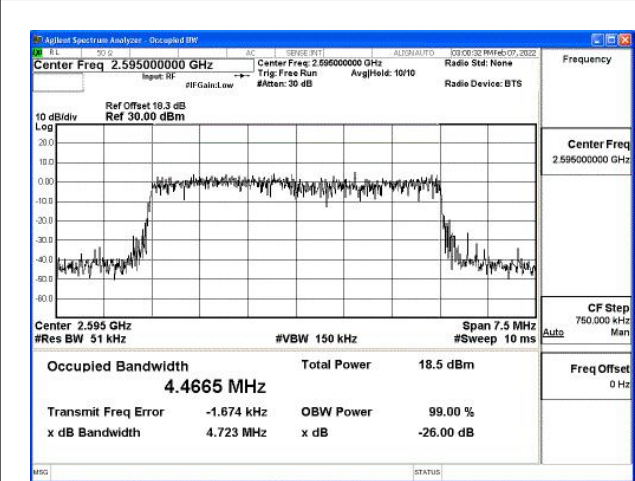


Fig.2

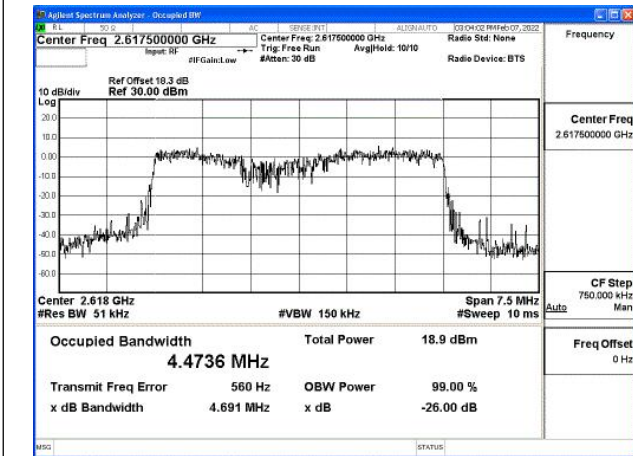


Fig.3

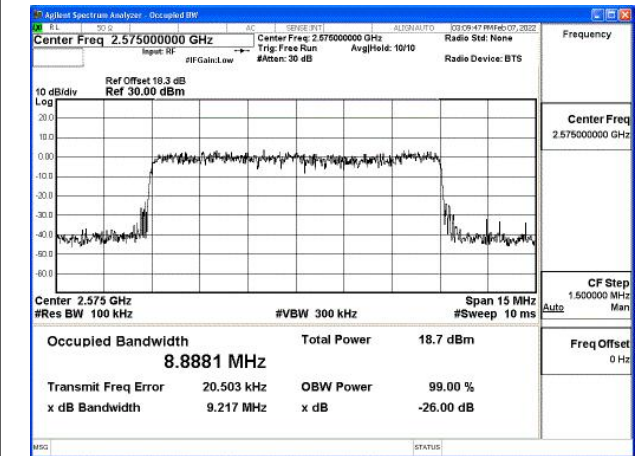


Fig.4

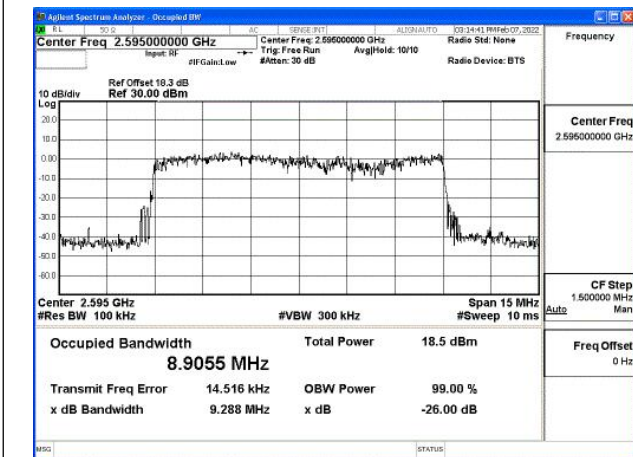


Fig.5

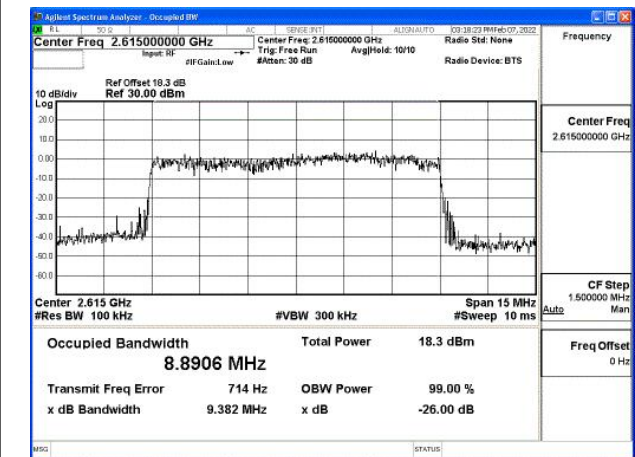


Fig.6

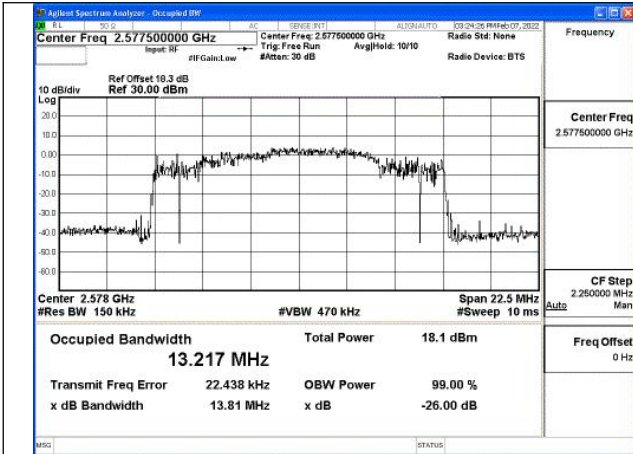


Fig.7

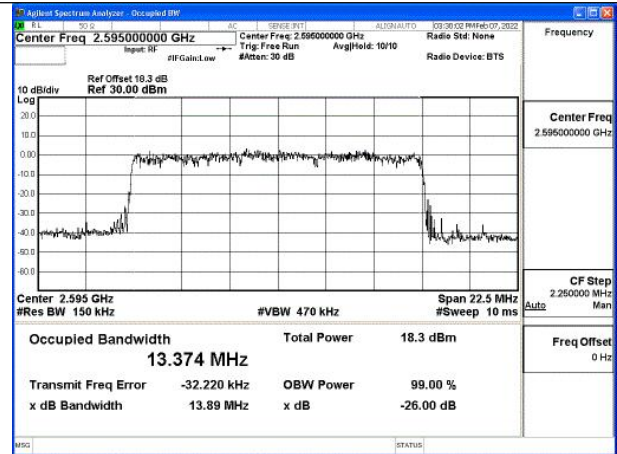


Fig.8

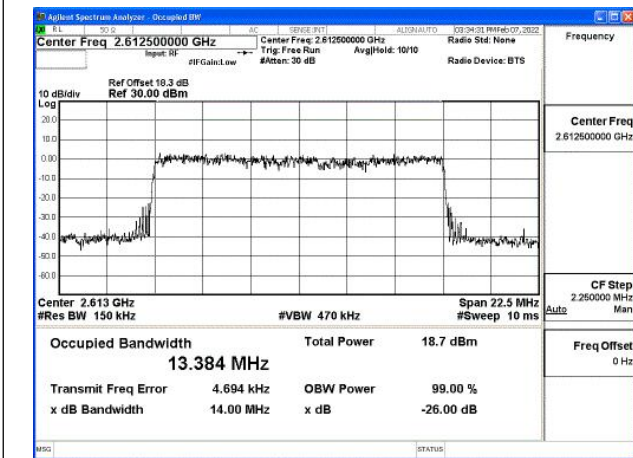


Fig.9

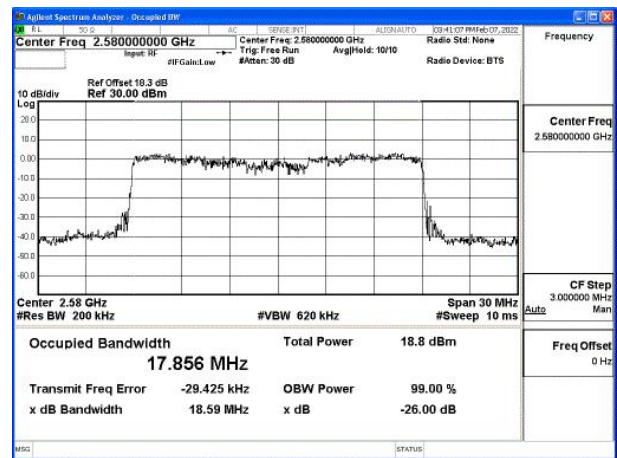


Fig.10

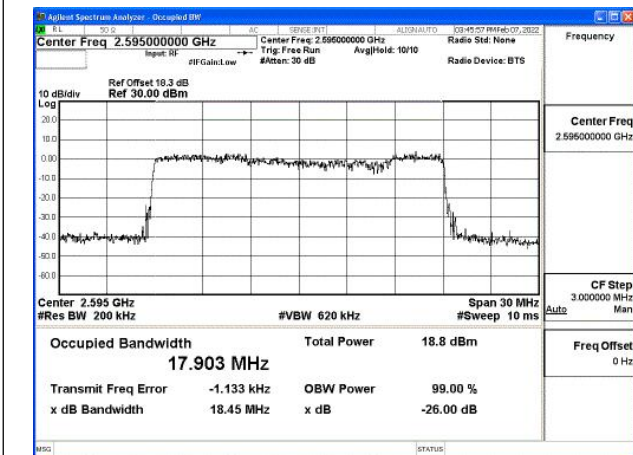


Fig.11

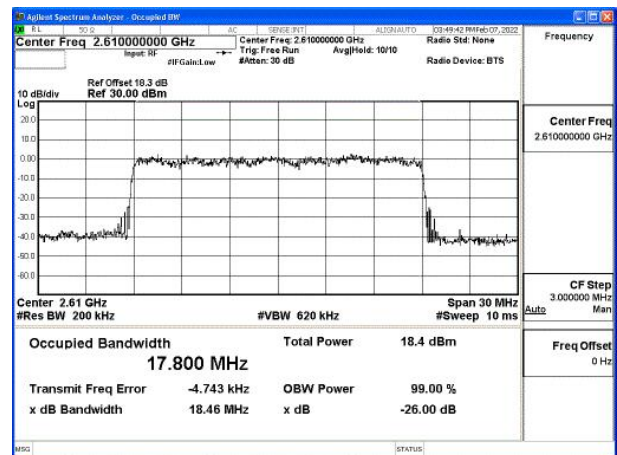


Fig.12

Test Mode: 16QAM

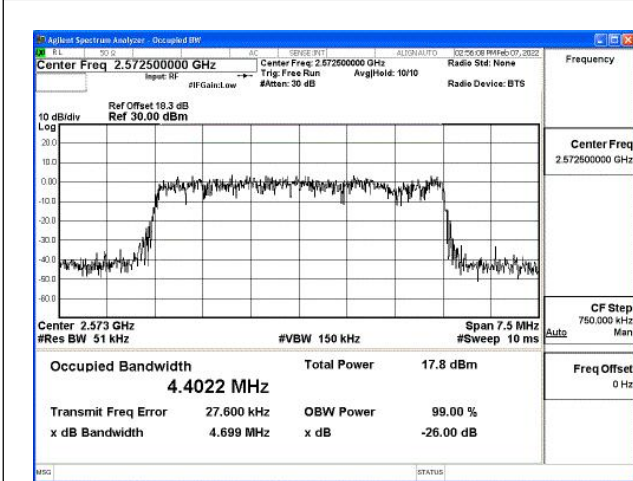


Fig.13

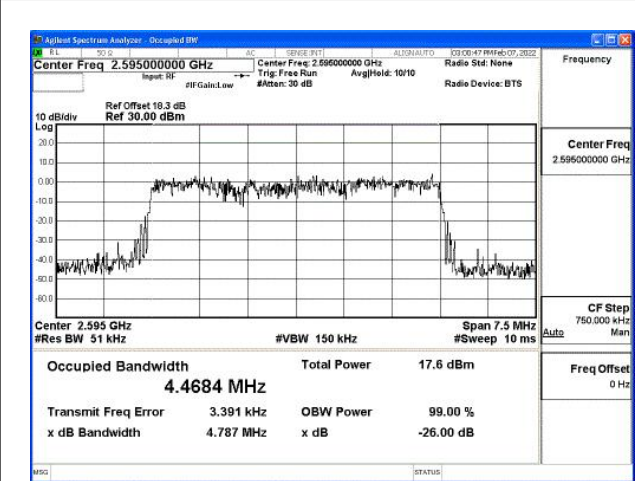


Fig.14

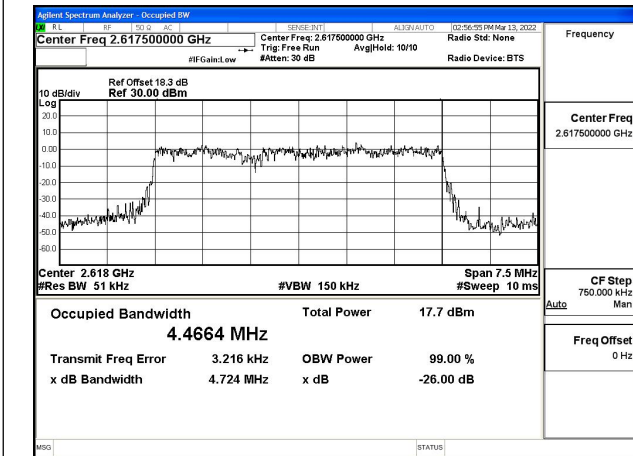


Fig.15

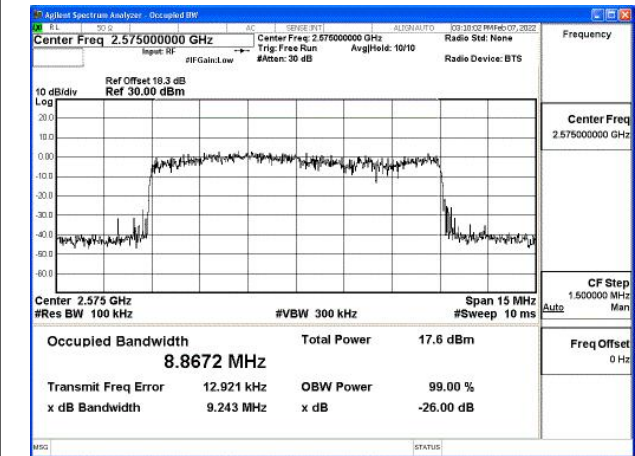


Fig.16

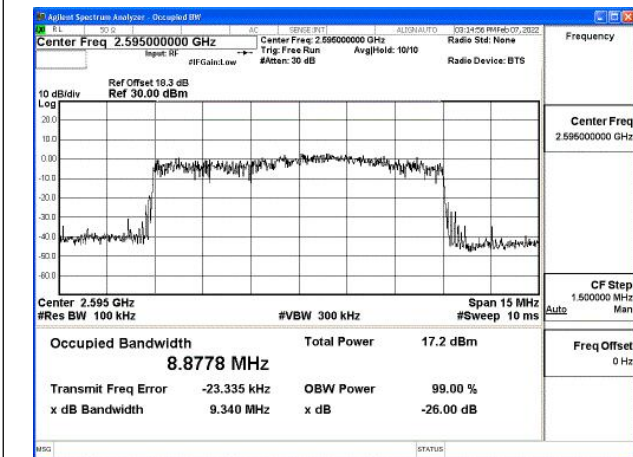


Fig.17

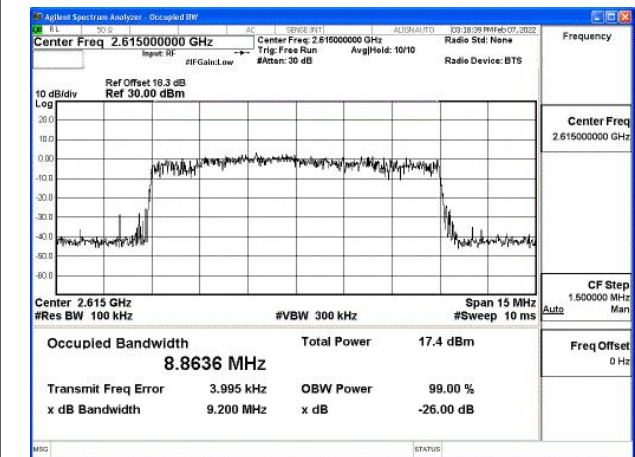


Fig.18

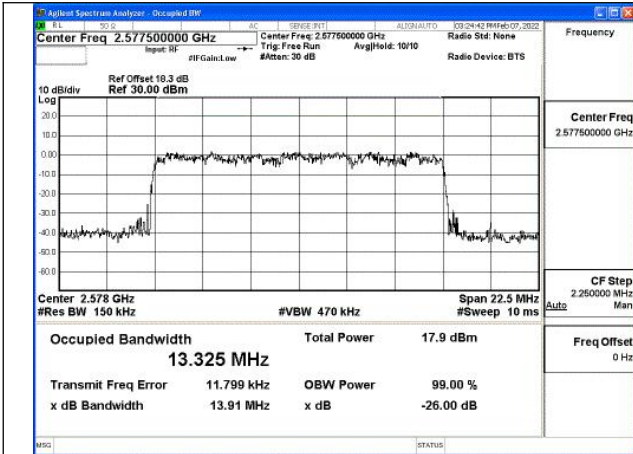


Fig.19

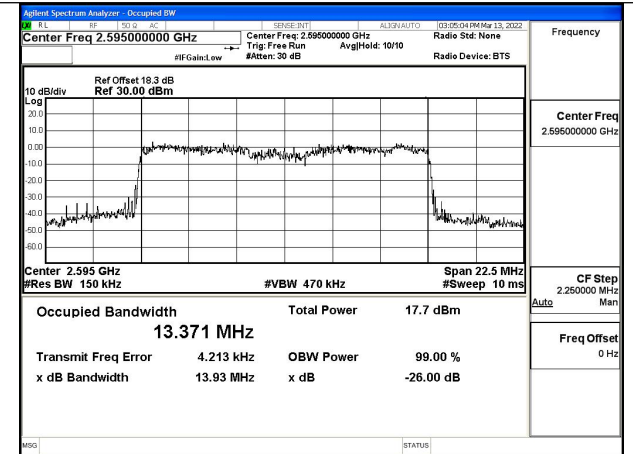


Fig.20

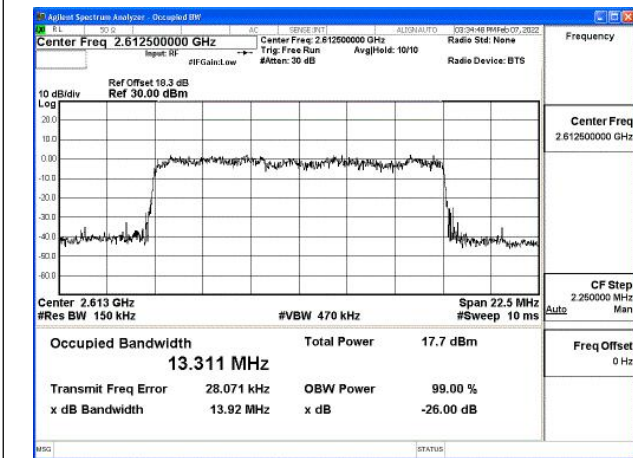


Fig.21

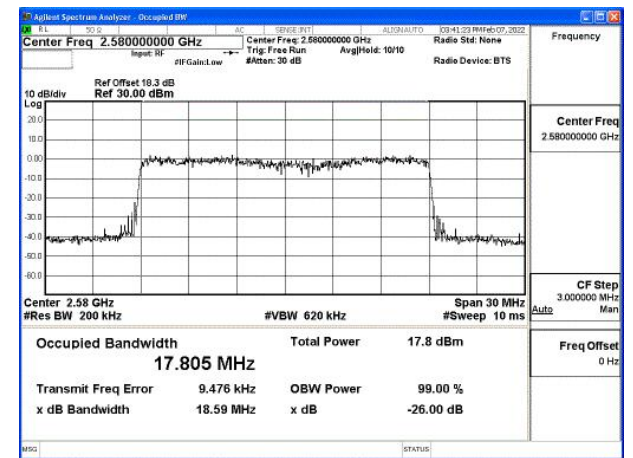


Fig.22

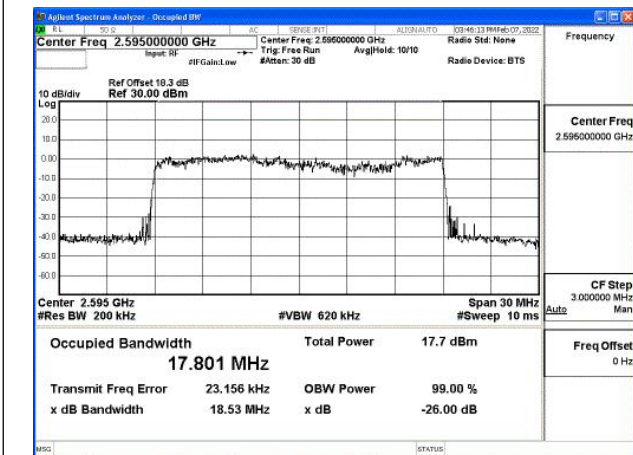


Fig.23

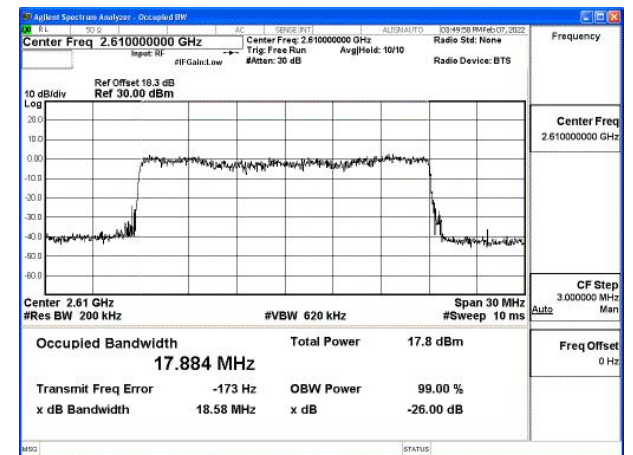


Fig.24

Test Mode: 64QAM

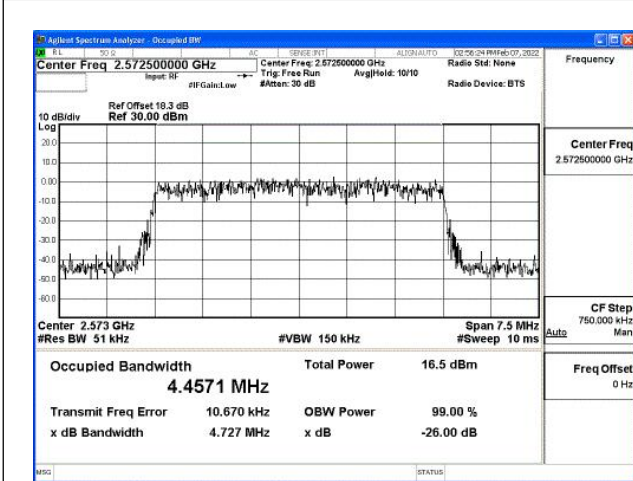


Fig.25

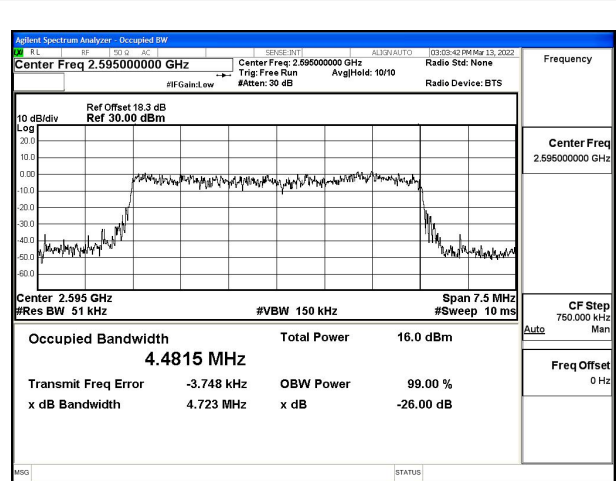


Fig.26

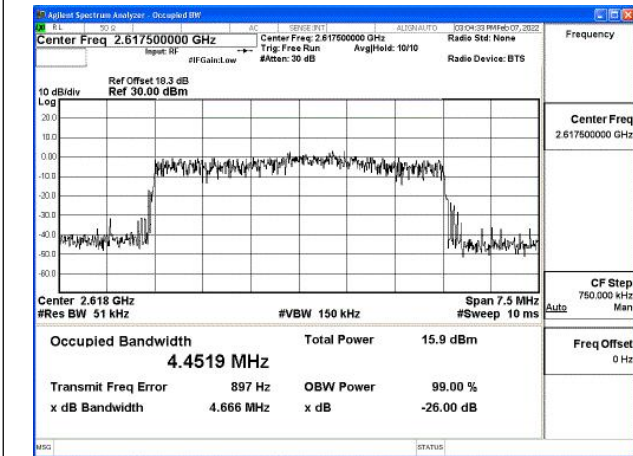


Fig.27

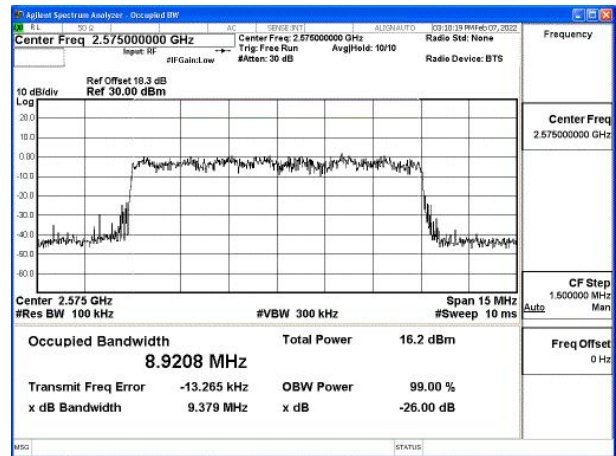


Fig.28

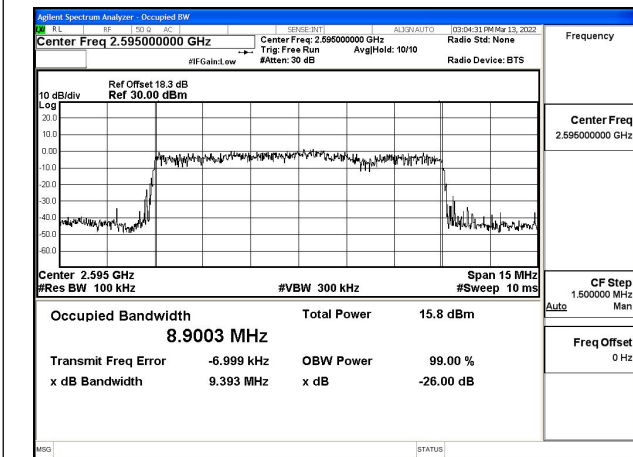


Fig.29

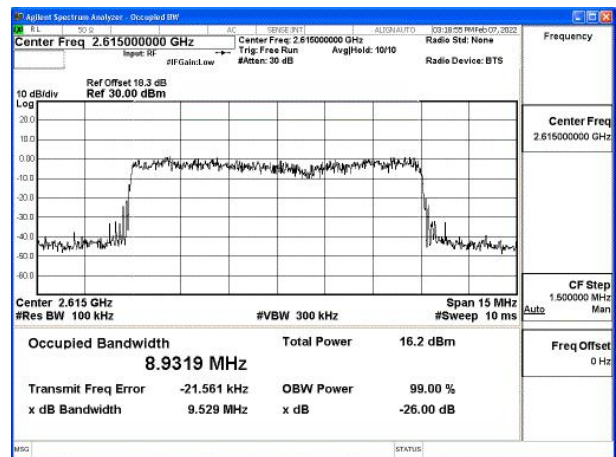


Fig.30

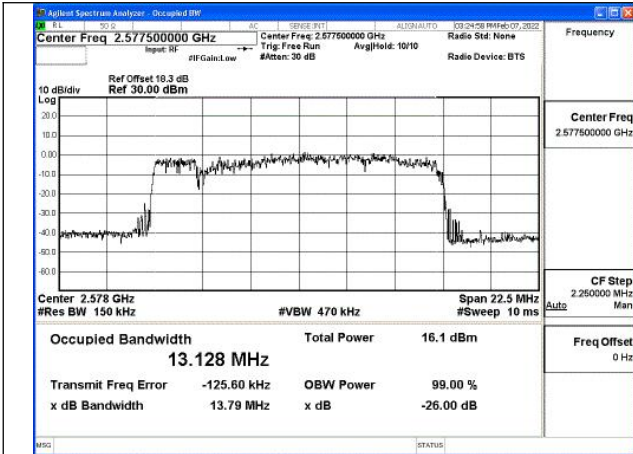


Fig.31

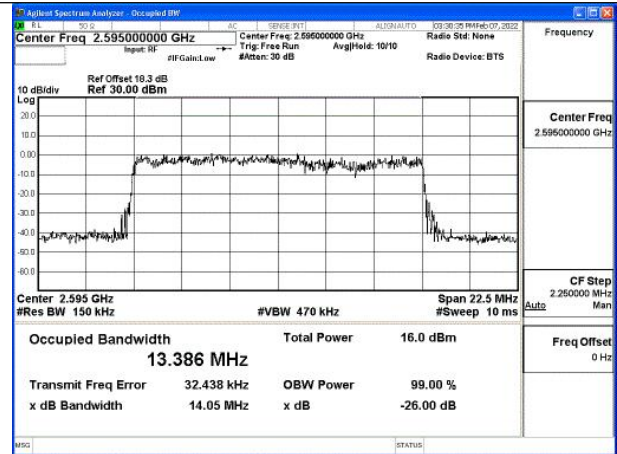


Fig.32

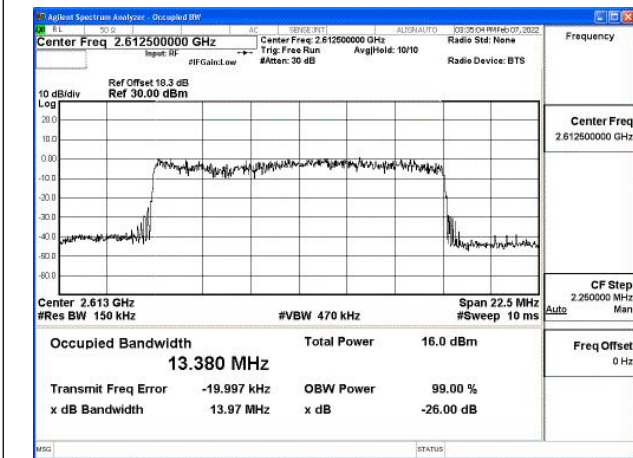


Fig.33

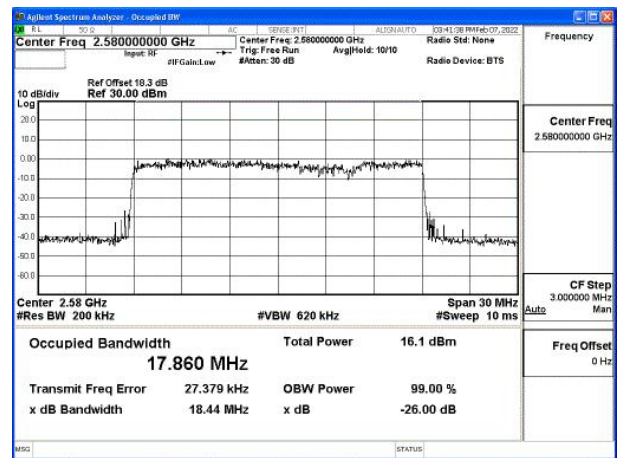


Fig.34

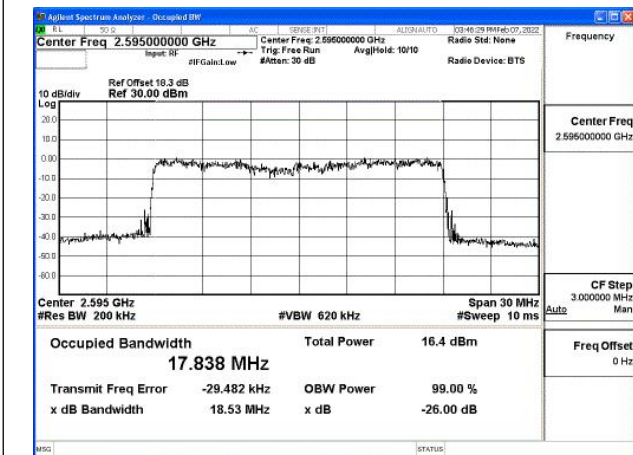


Fig.35

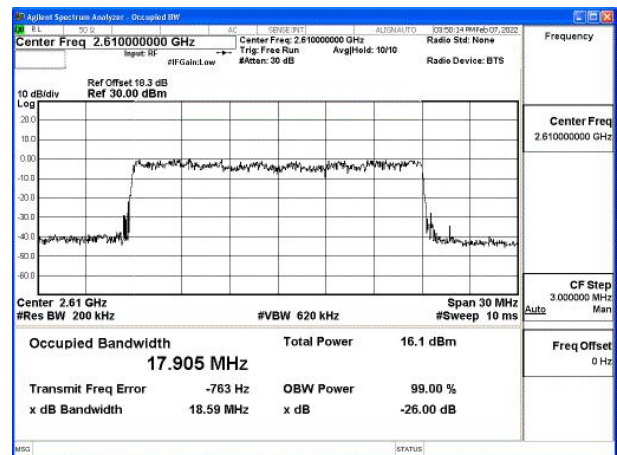


Fig.36

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

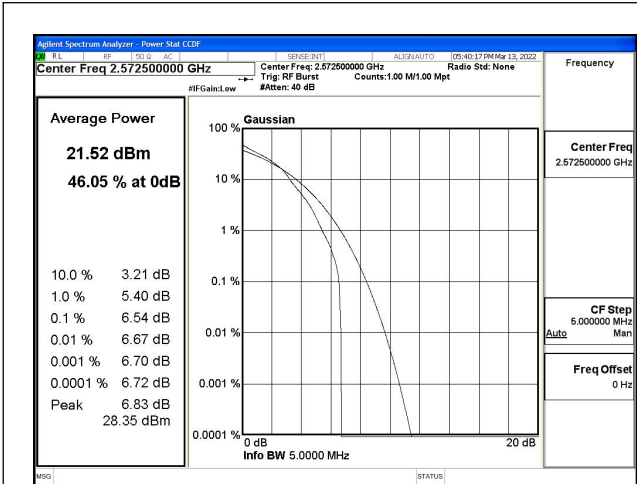


Fig.1

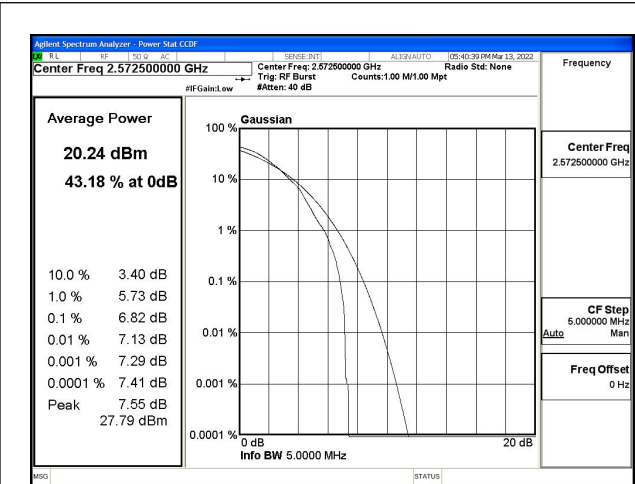


Fig.2

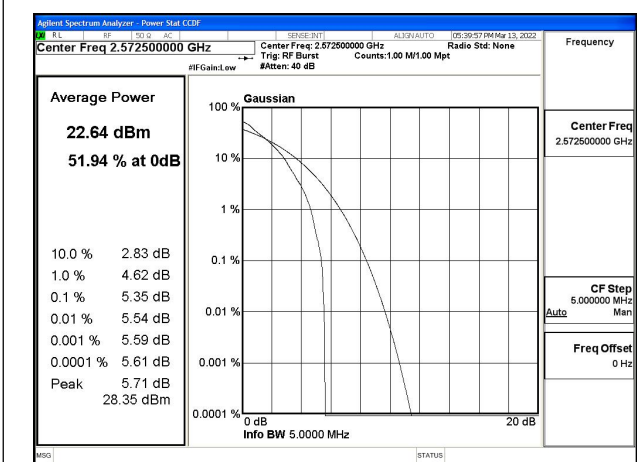


Fig.3

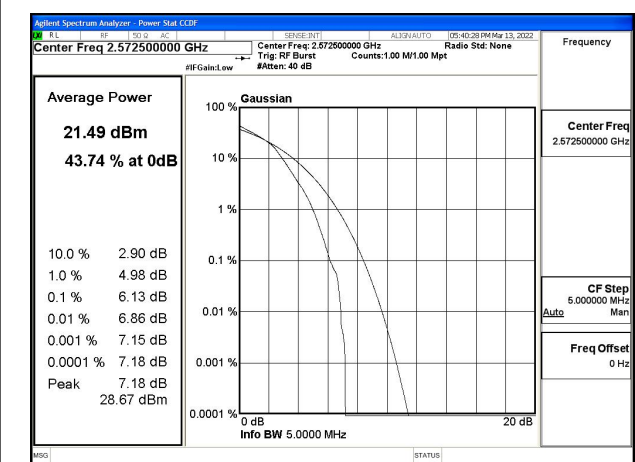


Fig.4

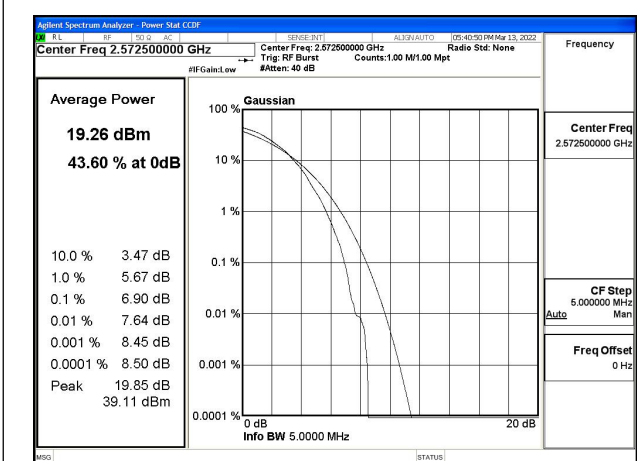


Fig.5

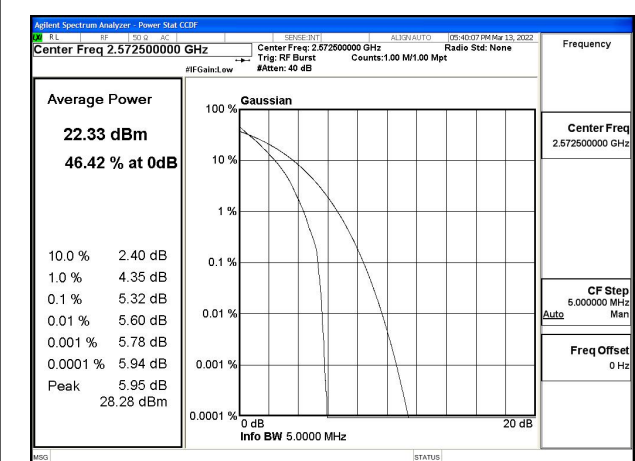


Fig.6

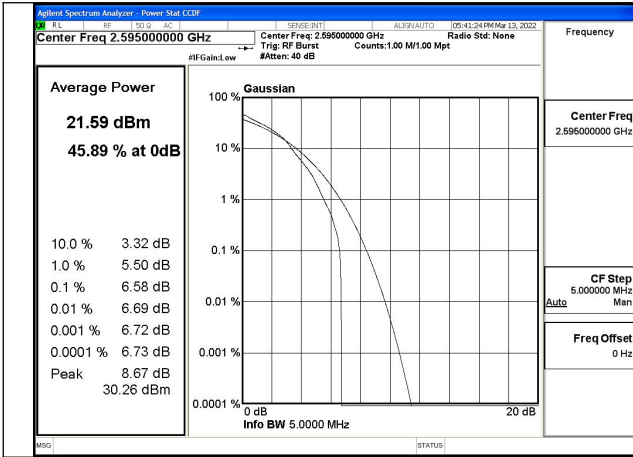


Fig.7

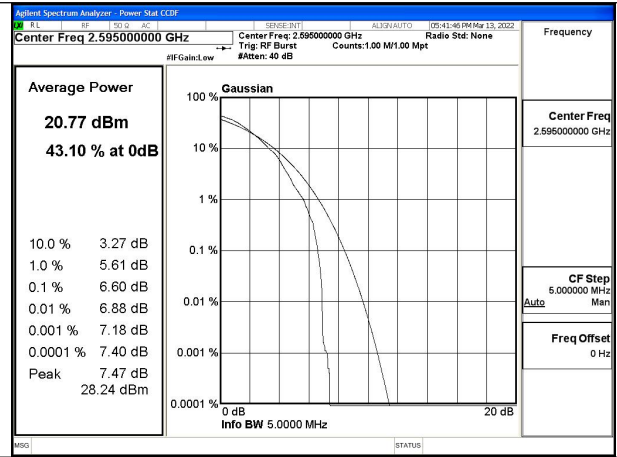


Fig.8

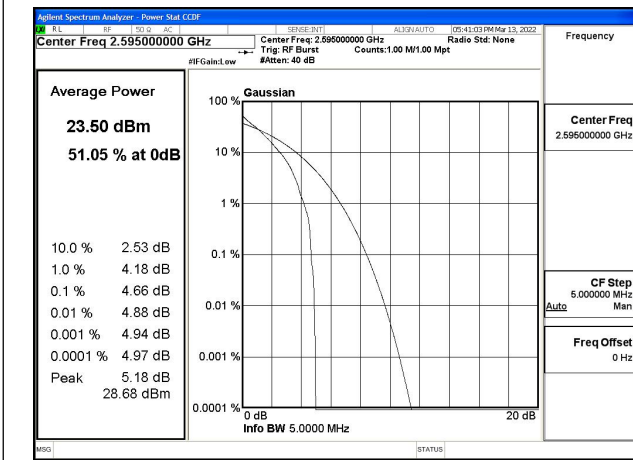


Fig.9

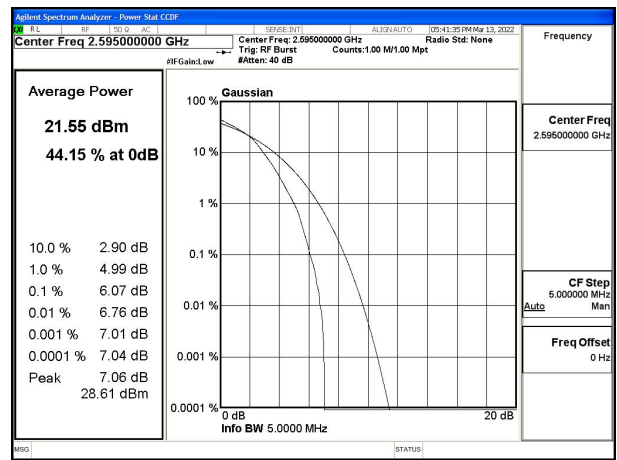


Fig.10

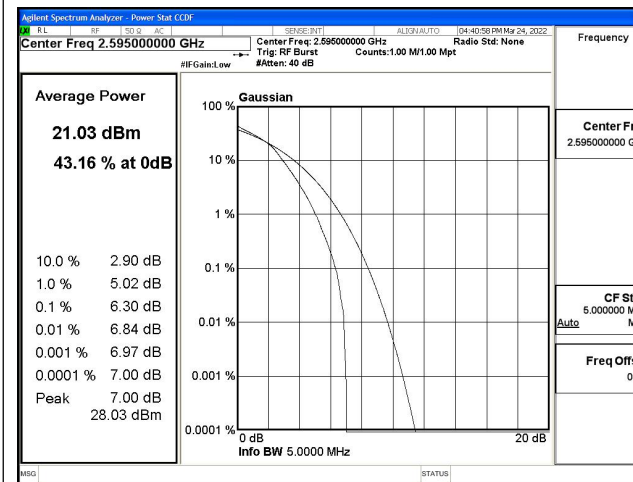


Fig.11

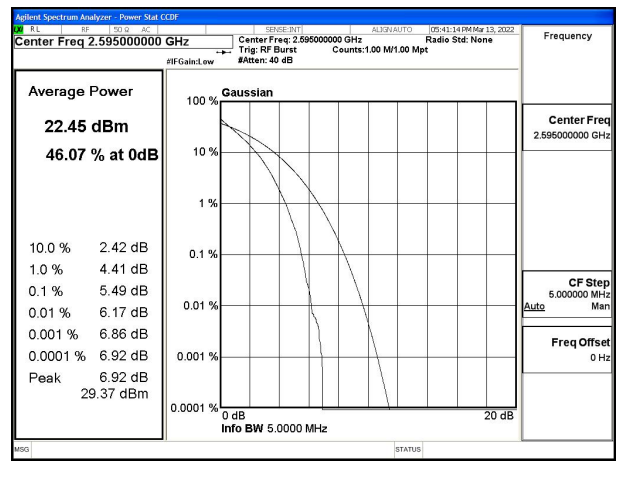


Fig.12

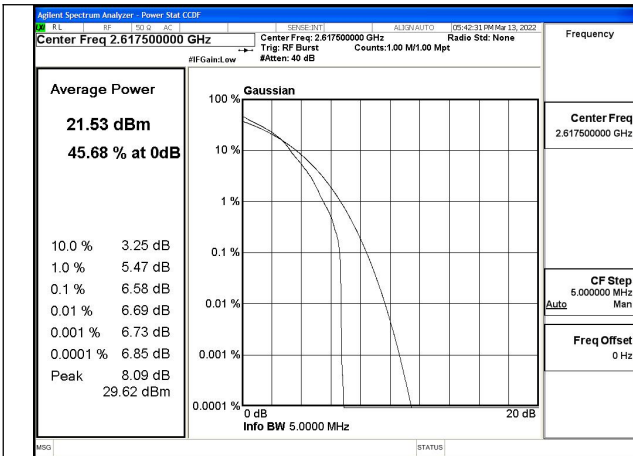


Fig.13

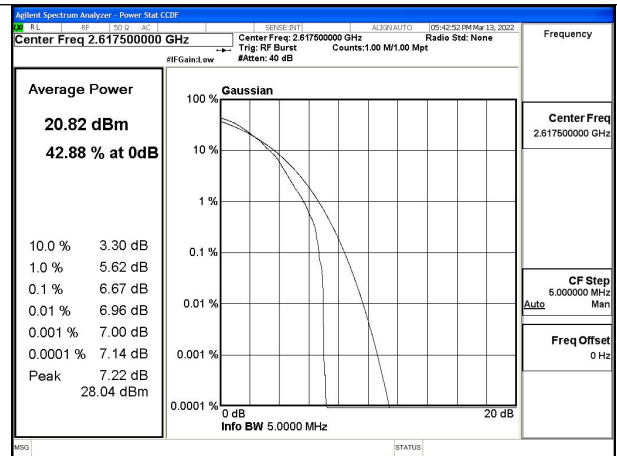


Fig.14

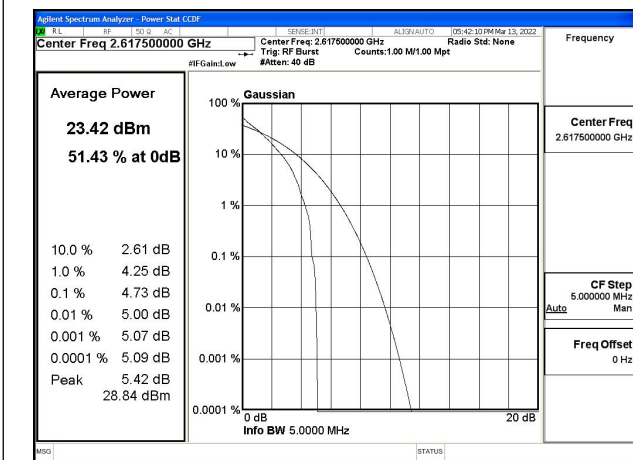


Fig.15

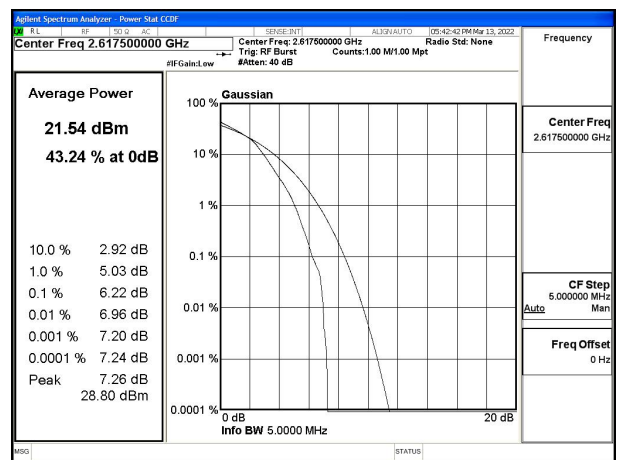


Fig.16

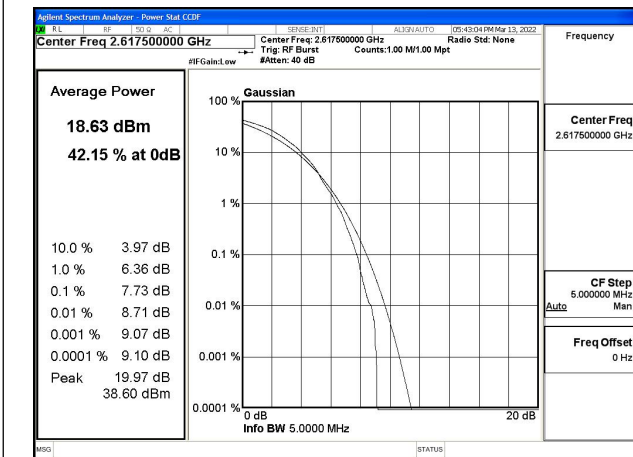


Fig.17

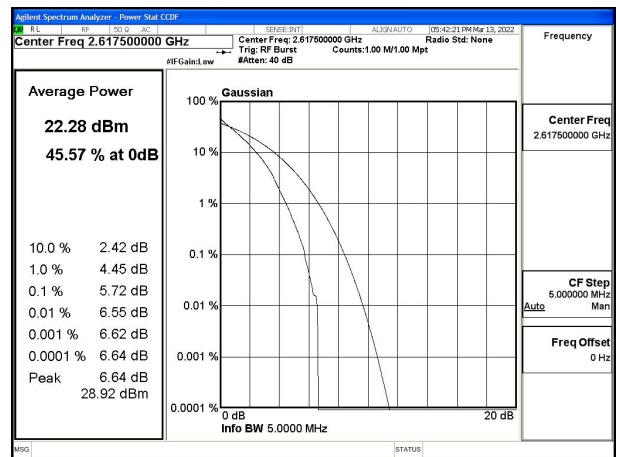


Fig.18

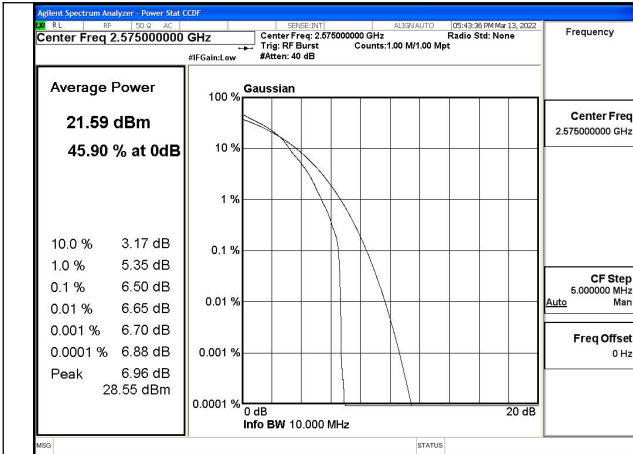


Fig.19

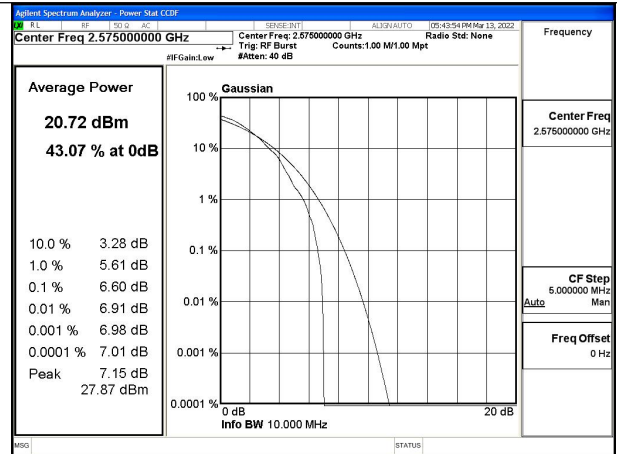


Fig.20

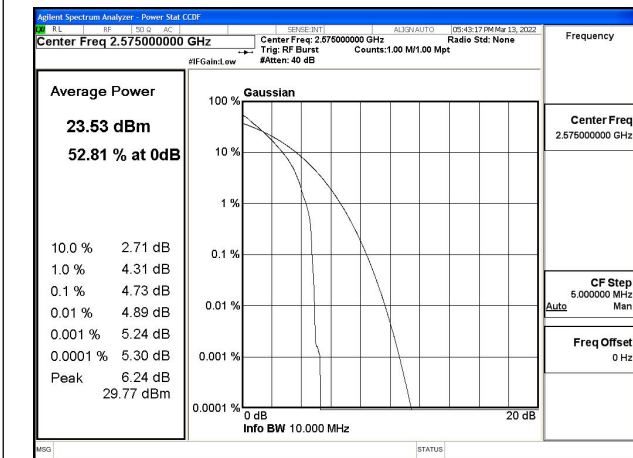


Fig.21

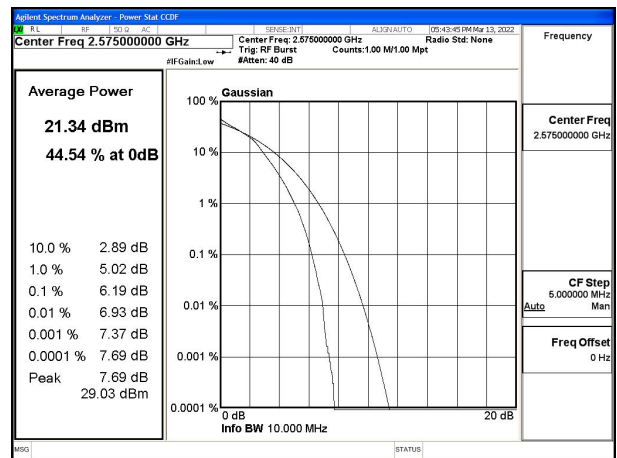


Fig.22

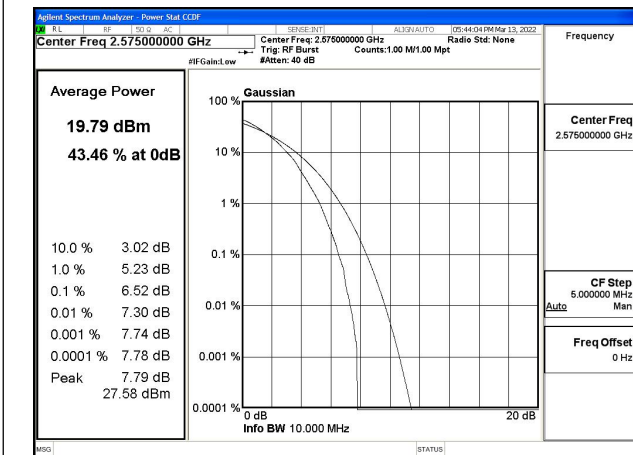


Fig.23

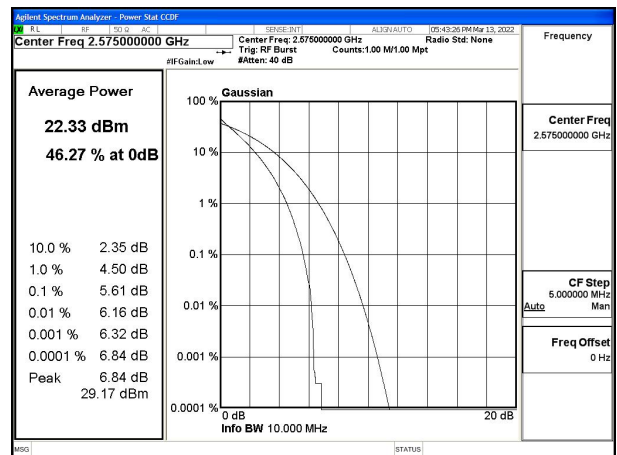


Fig.24