

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	22.51
16QAM	2572.5	37775	5	1	12	22.15
16QAM	2572.5	37775	5	1	24	22.62
16QAM	2572.5	37775	5	12	0	20.91
16QAM	2572.5	37775	5	12	7	20.89
16QAM	2572.5	37775	5	12	13	20.84
16QAM	2572.5	37775	5	25	0	21.09
16QAM	2595	38000	5	1	0	21.59
16QAM	2595	38000	5	1	12	21.85
16QAM	2595	38000	5	1	24	21.56
16QAM	2595	38000	5	12	0	20.63
16QAM	2595	38000	5	12	7	20.60
16QAM	2595	38000	5	12	13	20.42
16QAM	2595	38000	5	25	0	20.78
16QAM	2617.5	38225	5	1	0	21.94
16QAM	2617.5	38225	5	1	12	21.86
16QAM	2617.5	38225	5	1	24	21.96
16QAM	2617.5	38225	5	12	0	20.71
16QAM	2617.5	38225	5	12	7	20.73
16QAM	2617.5	38225	5	12	13	20.75
16QAM	2617.5	38225	5	25	0	21.05
64QAM	2572.5	37775	5	1	0	20.56
64QAM	2572.5	37775	5	1	12	20.45
64QAM	2572.5	37775	5	1	24	20.57
64QAM	2572.5	37775	5	12	0	19.04
64QAM	2572.5	37775	5	12	7	19.14
64QAM	2572.5	37775	5	12	13	18.93
64QAM	2572.5	37775	5	25	0	19.09
64QAM	2595	38000	5	1	0	21.26
64QAM	2595	38000	5	1	12	21.67
64QAM	2595	38000	5	1	24	21.36
64QAM	2595	38000	5	12	0	19.06
64QAM	2595	38000	5	12	7	19.15
64QAM	2595	38000	5	12	13	18.96
64QAM	2595	38000	5	25	0	18.99
64QAM	2617.5	38225	5	1	0	20.98
64QAM	2617.5	38225	5	1	12	21.05
64QAM	2617.5	38225	5	1	24	21.00
64QAM	2617.5	38225	5	12	0	19.01
64QAM	2617.5	38225	5	12	7	19.18
64QAM	2617.5	38225	5	12	13	18.98

64QAM	2617.5	38225	5	25	0	19.02
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	22.92
QPSK	2572.5	37775	5	1	12	22.97
QPSK	2572.5	37775	5	1	24	22.96
QPSK	2572.5	37775	5	12	0	21.87
QPSK	2572.5	37775	5	12	7	21.82
QPSK	2572.5	37775	5	12	13	21.87
QPSK	2572.5	37775	5	25	0	21.93
QPSK	2595	38000	5	1	0	22.53
QPSK	2595	38000	5	1	12	22.48
QPSK	2595	38000	5	1	24	22.53
QPSK	2595	38000	5	12	0	21.55
QPSK	2595	38000	5	12	7	21.40
QPSK	2595	38000	5	12	13	21.35
QPSK	2595	38000	5	25	0	21.40
QPSK	2617.5	38225	5	1	0	22.54
QPSK	2617.5	38225	5	1	12	22.55
QPSK	2617.5	38225	5	1	24	22.69
QPSK	2617.5	38225	5	12	0	21.61
QPSK	2617.5	38225	5	12	7	21.51
QPSK	2617.5	38225	5	12	13	21.46
QPSK	2617.5	38225	5	25	0	21.50

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	22.27
16QAM	2575	37800	10	1	25	21.77
16QAM	2575	37800	10	1	49	21.83
16QAM	2575	37800	10	25	0	21.07
16QAM	2575	37800	10	25	12	21.03
16QAM	2575	37800	10	25	25	21.02
16QAM	2575	37800	10	50	0	21.07
16QAM	2595	38000	10	1	0	22.48
16QAM	2595	38000	10	1	25	22.25
16QAM	2595	38000	10	1	49	22.24
16QAM	2595	38000	10	25	0	20.60
16QAM	2595	38000	10	25	12	20.61
16QAM	2595	38000	10	25	25	20.69
16QAM	2595	38000	10	50	0	20.69
16QAM	2615	38200	10	1	0	21.69
16QAM	2615	38200	10	1	25	21.64
16QAM	2615	38200	10	1	49	21.71
16QAM	2615	38200	10	25	0	20.78
16QAM	2615	38200	10	25	12	20.72
16QAM	2615	38200	10	25	25	20.80
16QAM	2615	38200	10	50	0	20.80
64QAM	2575	37800	10	1	0	21.97
64QAM	2575	37800	10	1	25	21.85
64QAM	2575	37800	10	1	49	21.78
64QAM	2575	37800	10	25	0	19.29
64QAM	2575	37800	10	25	12	19.27
64QAM	2575	37800	10	25	25	19.31
64QAM	2575	37800	10	50	0	19.35
64QAM	2595	38000	10	1	0	20.17
64QAM	2595	38000	10	1	25	20.55
64QAM	2595	38000	10	1	49	20.15
64QAM	2595	38000	10	25	0	19.17
64QAM	2595	38000	10	25	12	19.19
64QAM	2595	38000	10	25	25	19.26
64QAM	2595	38000	10	50	0	19.24
64QAM	2615	38200	10	1	0	21.11
64QAM	2615	38200	10	1	25	21.35
64QAM	2615	38200	10	1	49	21.38
64QAM	2615	38200	10	25	0	19.07
64QAM	2615	38200	10	25	12	19.12
64QAM	2615	38200	10	25	25	19.36
64QAM	2615	38200	10	50	0	19.16

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	22.93
QPSK	2575	37800	10	1	25	22.80
QPSK	2575	37800	10	1	49	22.75
QPSK	2575	37800	10	25	0	22.00
QPSK	2575	37800	10	25	12	21.96
QPSK	2575	37800	10	25	25	21.92
QPSK	2575	37800	10	50	0	21.91
QPSK	2595	38000	10	1	0	22.73
QPSK	2595	38000	10	1	25	22.36
QPSK	2595	38000	10	1	49	22.50
QPSK	2595	38000	10	25	0	21.48
QPSK	2595	38000	10	25	12	21.47
QPSK	2595	38000	10	25	25	21.43
QPSK	2595	38000	10	50	0	21.39
QPSK	2615	38200	10	1	0	22.40
QPSK	2615	38200	10	1	25	22.45
QPSK	2615	38200	10	1	49	22.44
QPSK	2615	38200	10	25	0	21.64
QPSK	2615	38200	10	25	12	21.57
QPSK	2615	38200	10	25	25	21.66
QPSK	2615	38200	10	50	0	21.52

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	22.47
16QAM	2577.5	37825	15	1	37	21.77
16QAM	2577.5	37825	15	1	74	21.48
16QAM	2577.5	37825	15	36	0	21.19
16QAM	2577.5	37825	15	36	29	21.05
16QAM	2577.5	37825	15	36	30	21.05
16QAM	2577.5	37825	15	75	0	21.02
16QAM	2595	38000	15	1	0	22.56
16QAM	2595	38000	15	1	37	22.22
16QAM	2595	38000	15	1	74	22.20
16QAM	2595	38000	15	36	0	20.81
16QAM	2595	38000	15	36	29	20.61
16QAM	2595	38000	15	36	30	20.61
16QAM	2595	38000	15	75	0	20.69
16QAM	2612.5	38175	15	1	0	21.32
16QAM	2612.5	38175	15	1	37	21.35
16QAM	2612.5	38175	15	1	74	21.41
16QAM	2612.5	38175	15	36	0	20.68
16QAM	2612.5	38175	15	36	29	20.79
16QAM	2612.5	38175	15	36	30	20.80
16QAM	2612.5	38175	15	75	0	20.85
64QAM	2577.5	37825	15	1	0	21.87
64QAM	2577.5	37825	15	1	37	21.86
64QAM	2577.5	37825	15	1	74	21.72
64QAM	2577.5	37825	15	36	0	19.38
64QAM	2577.5	37825	15	36	29	19.13
64QAM	2577.5	37825	15	36	30	19.13
64QAM	2577.5	37825	15	75	0	19.26
64QAM	2595	38000	15	1	0	20.94
64QAM	2595	38000	15	1	37	20.09
64QAM	2595	38000	15	1	74	19.97
64QAM	2595	38000	15	36	0	19.45
64QAM	2595	38000	15	36	29	19.23
64QAM	2595	38000	15	36	30	19.23
64QAM	2595	38000	15	75	0	19.31
64QAM	2612.5	38175	15	1	0	20.68
64QAM	2612.5	38175	15	1	37	20.84
64QAM	2612.5	38175	15	1	74	20.89
64QAM	2612.5	38175	15	36	0	19.14
64QAM	2612.5	38175	15	36	29	19.10
64QAM	2612.5	38175	15	36	30	19.11
64QAM	2612.5	38175	15	75	0	19.12

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	22.90
QPSK	2577.5	37825	15	1	37	22.85
QPSK	2577.5	37825	15	1	74	22.63
QPSK	2577.5	37825	15	36	0	21.89
QPSK	2577.5	37825	15	36	29	21.78
QPSK	2577.5	37825	15	36	30	21.77
QPSK	2577.5	37825	15	75	0	21.89
QPSK	2595	38000	15	1	0	22.73
QPSK	2595	38000	15	1	37	22.47
QPSK	2595	38000	15	1	74	22.40
QPSK	2595	38000	15	36	0	21.66
QPSK	2595	38000	15	36	29	21.44
QPSK	2595	38000	15	36	30	21.44
QPSK	2595	38000	15	75	0	21.38
QPSK	2612.5	38175	15	1	0	22.61
QPSK	2612.5	38175	15	1	37	22.72
QPSK	2612.5	38175	15	1	74	22.63
QPSK	2612.5	38175	15	36	0	21.52
QPSK	2612.5	38175	15	36	29	21.62
QPSK	2612.5	38175	15	36	30	21.59
QPSK	2612.5	38175	15	75	0	21.55

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	22.19
16QAM	2580	37850	20	1	49	22.15
16QAM	2580	37850	20	1	99	22.19
16QAM	2580	37850	20	50	0	21.17
16QAM	2580	37850	20	50	24	21.05
16QAM	2580	37850	20	50	50	20.98
16QAM	2580	37850	20	100	0	21.04
16QAM	2595	38000	20	1	0	21.90
16QAM	2595	38000	20	1	49	21.47
16QAM	2595	38000	20	1	99	21.58
16QAM	2595	38000	20	50	0	20.86
16QAM	2595	38000	20	50	24	20.63
16QAM	2595	38000	20	50	50	20.62
16QAM	2595	38000	20	100	0	20.46
16QAM	2610	38150	20	1	0	21.16
16QAM	2610	38150	20	1	49	21.31
16QAM	2610	38150	20	1	99	21.31
16QAM	2610	38150	20	50	0	20.56
16QAM	2610	38150	20	50	24	20.76
16QAM	2610	38150	20	50	50	20.72
16QAM	2610	38150	20	100	0	20.67
64QAM	2580	37850	20	1	0	21.68
64QAM	2580	37850	20	1	49	21.40
64QAM	2580	37850	20	1	99	21.45
64QAM	2580	37850	20	50	0	19.37
64QAM	2580	37850	20	50	24	19.27
64QAM	2580	37850	20	50	50	19.29
64QAM	2580	37850	20	100	0	19.33
64QAM	2595	38000	20	1	0	21.44
64QAM	2595	38000	20	1	49	20.83
64QAM	2595	38000	20	1	99	20.94
64QAM	2595	38000	20	50	0	19.25
64QAM	2595	38000	20	50	24	19.16
64QAM	2595	38000	20	50	50	19.28
64QAM	2595	38000	20	100	0	19.27
64QAM	2610	38150	20	1	0	20.54
64QAM	2610	38150	20	1	49	20.68
64QAM	2610	38150	20	1	99	20.90
64QAM	2610	38150	20	50	0	19.21
64QAM	2610	38150	20	50	24	19.24
64QAM	2610	38150	20	50	50	19.46
64QAM	2610	38150	20	100	0	19.30

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	22.90
QPSK	2580	37850	20	1	49	22.84
QPSK	2580	37850	20	1	99	22.74
QPSK	2580	37850	20	50	0	21.79
QPSK	2580	37850	20	50	24	21.81
QPSK	2580	37850	20	50	50	21.71
QPSK	2580	37850	20	100	0	21.74
QPSK	2595	38000	20	1	0	22.95
QPSK	2595	38000	20	1	49	22.70
QPSK	2595	38000	20	1	99	22.60
QPSK	2595	38000	20	50	0	21.60
QPSK	2595	38000	20	50	24	21.51
QPSK	2595	38000	20	50	50	21.49
QPSK	2595	38000	20	100	0	21.47
QPSK	2610	38150	20	1	0	22.41
QPSK	2610	38150	20	1	49	22.54
QPSK	2610	38150	20	1	99	22.66
QPSK	2610	38150	20	50	0	21.36
QPSK	2610	38150	20	50	24	21.50
QPSK	2610	38150	20	50	50	21.55
QPSK	2610	38150	20	100	0	21.50

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	4.460	Fig.1
38	QPSK	2595	38000	5	25	0	4.450	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.460	Fig.3
38	QPSK	2575	37800	10	50	0	8.930	Fig.4
38	QPSK	2595	38000	10	50	0	8.900	Fig.5
38	QPSK	2615	38200	10	50	0	8.900	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.130	Fig.7
38	QPSK	2595	38000	15	75	0	13.330	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.290	Fig.9
38	QPSK	2580	37850	20	100	0	17.900	Fig.10
38	QPSK	2595	38000	20	100	0	17.760	Fig.11
38	QPSK	2610	38150	20	100	0	17.820	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	4.440	Fig.13
38	16QAM	2595	38000	5	25	0	4.440	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.420	Fig.15
38	16QAM	2575	37800	10	50	0	8.940	Fig.16
38	16QAM	2595	38000	10	50	0	8.910	Fig.17
38	16QAM	2615	38200	10	50	0	8.920	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.380	Fig.19
38	16QAM	2595	38000	15	75	0	13.360	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.370	Fig.21
38	16QAM	2580	37850	20	100	0	17.880	Fig.22
38	16QAM	2595	38000	20	100	0	17.830	Fig.23
38	16QAM	2610	38150	20	100	0	17.860	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	4.450	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	8.870	Fig.29
38	64QAM	2615	38200	10	50	0	8.770	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.390	Fig.31
38	64QAM	2595	38000	15	75	0	13.360	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.350	Fig.33
38	64QAM	2580	37850	20	100	0	17.890	Fig.34
38	64QAM	2595	38000	20	100	0	17.870	Fig.35
38	64QAM	2610	38150	20	100	0	17.830	Fig.36

Test Mode: QPSK

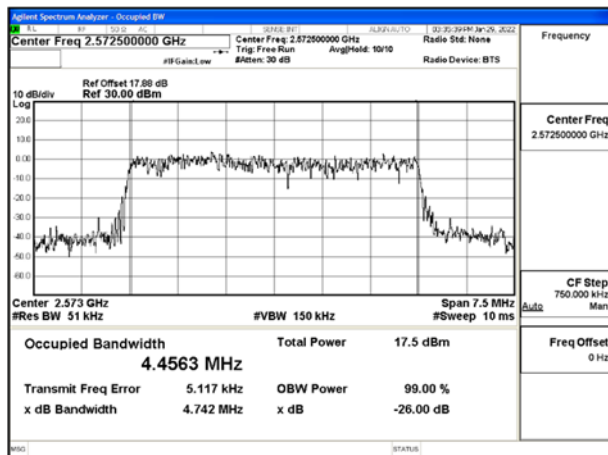


Fig.1

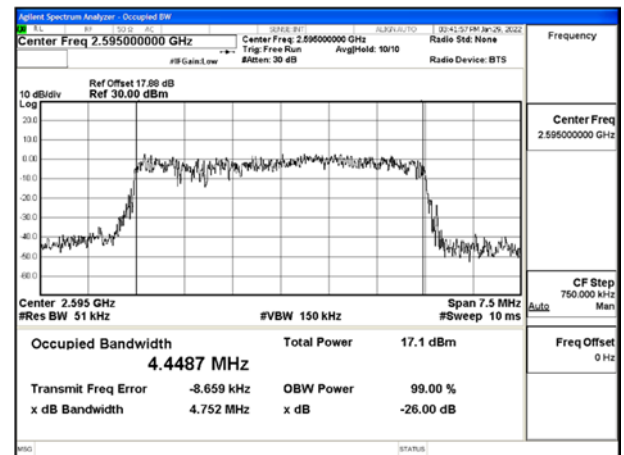


Fig.2

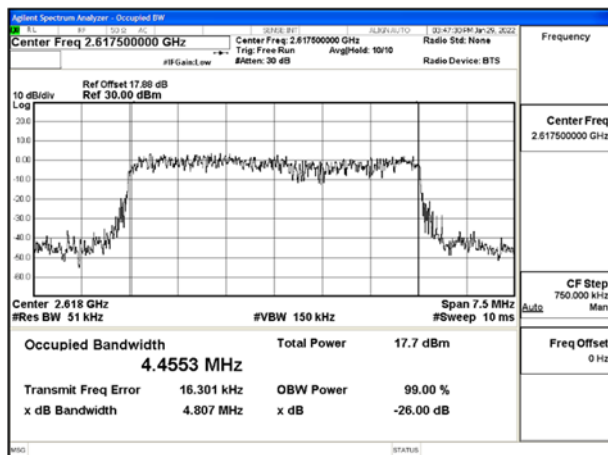


Fig.3

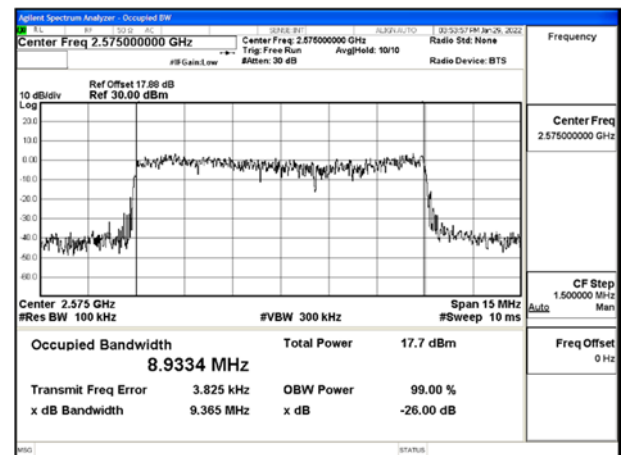


Fig.4

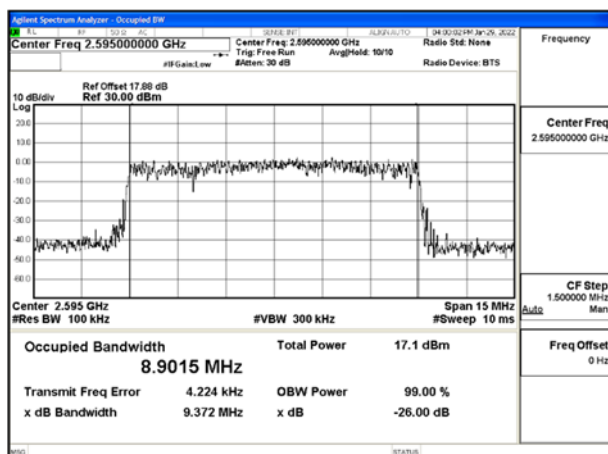


Fig.5

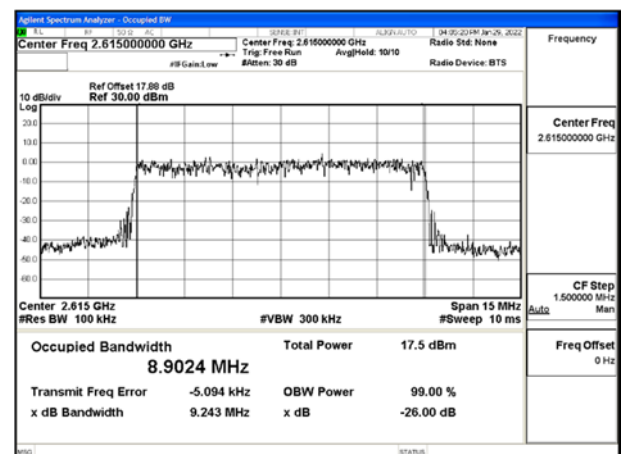


Fig.6

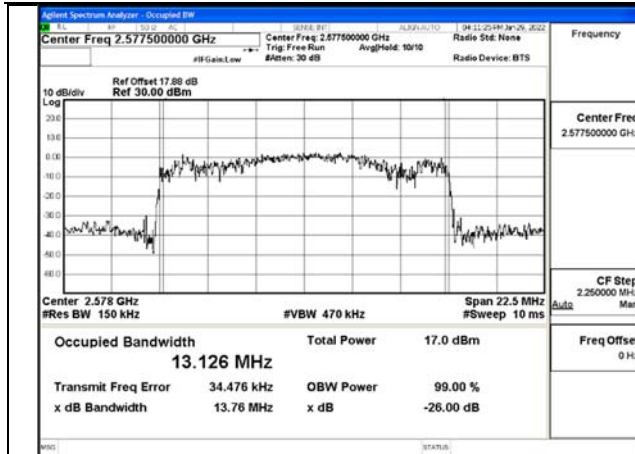


Fig.7

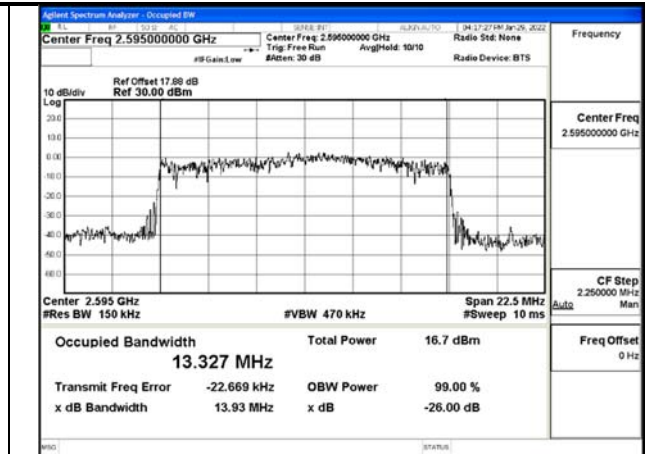


Fig.8

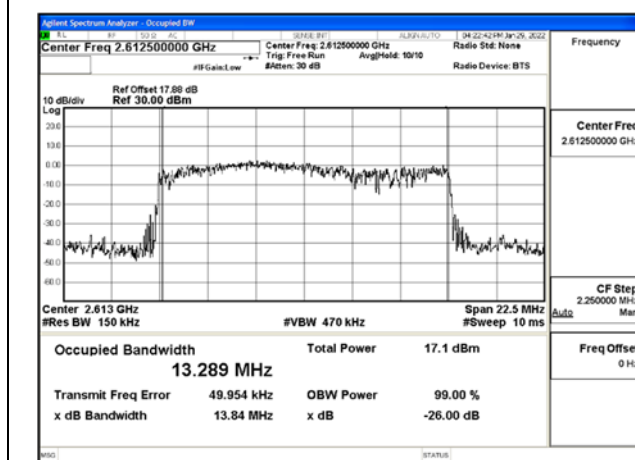


Fig.9

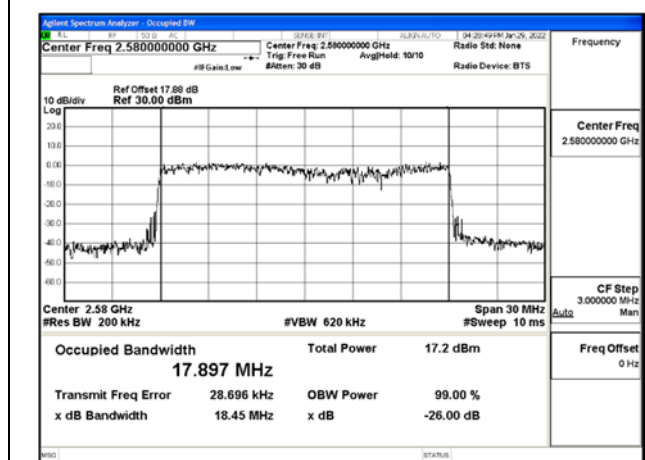


Fig.10

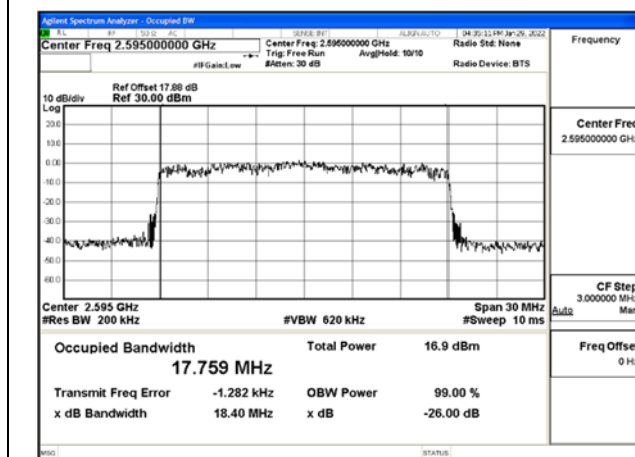


Fig.11

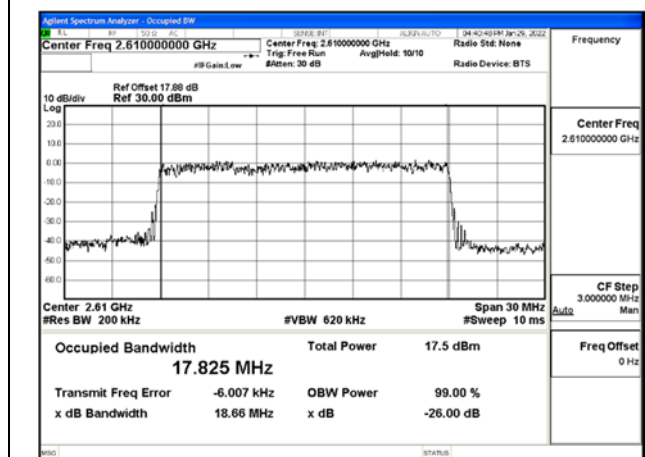


Fig.12

Test Mode: 16QAM

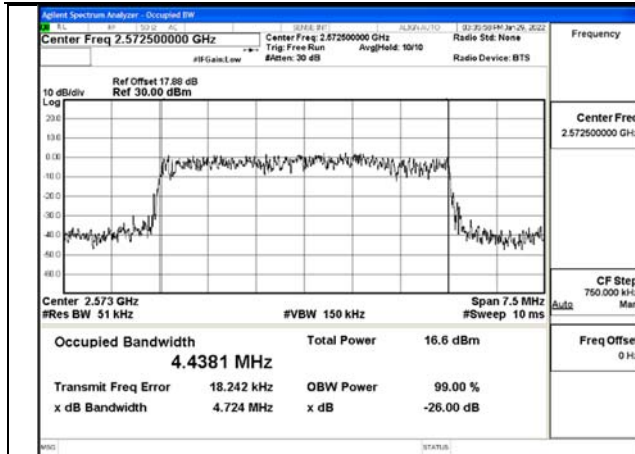


Fig.13

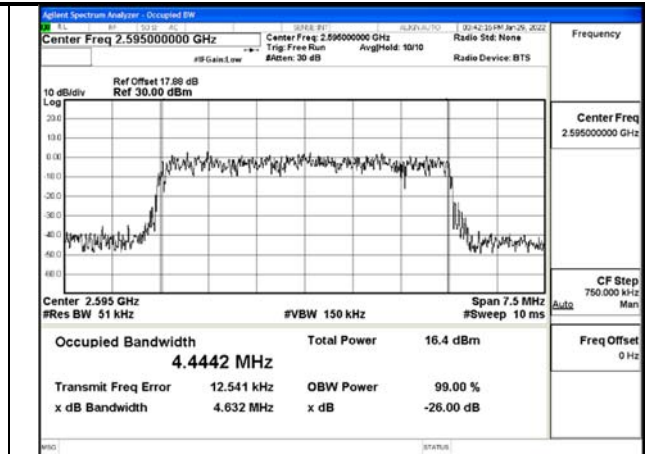


Fig.14

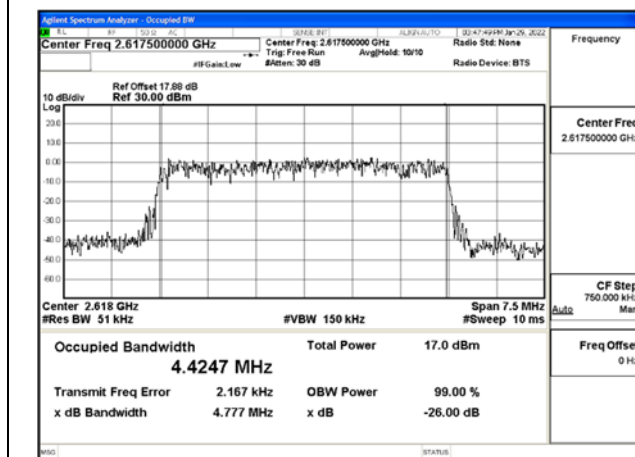


Fig.15

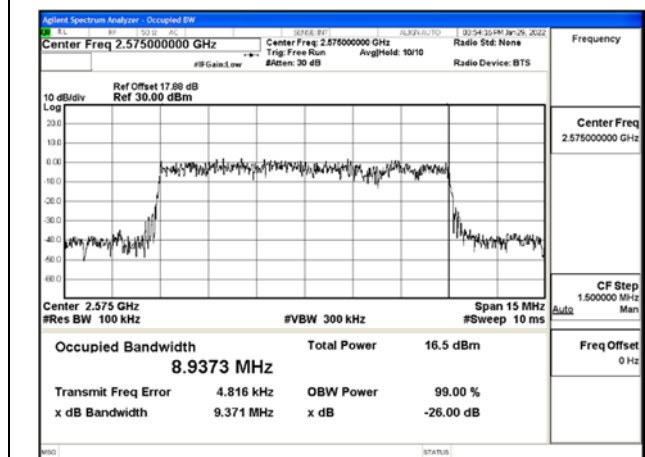


Fig.16

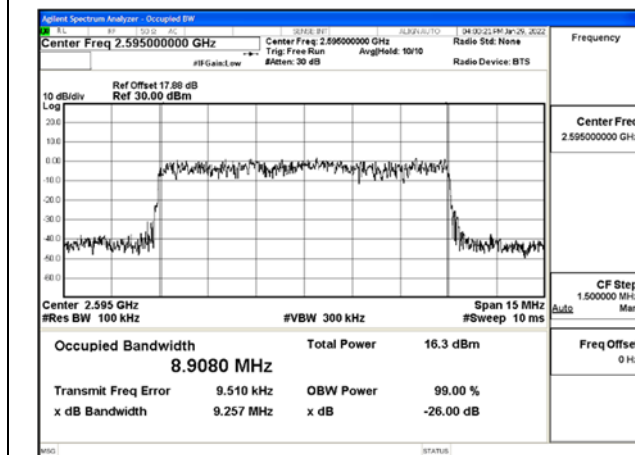


Fig.17

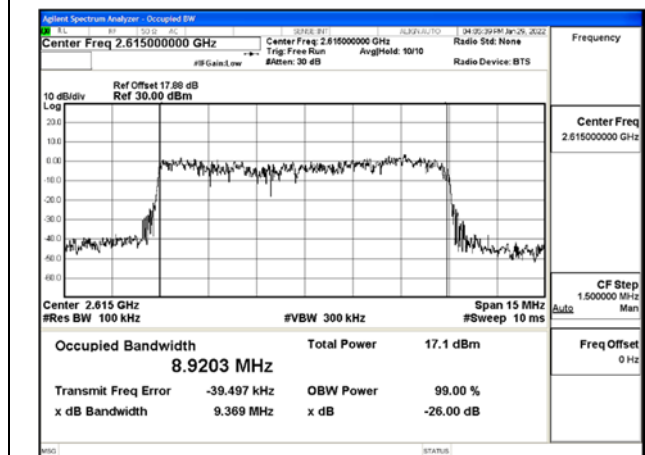


Fig.18

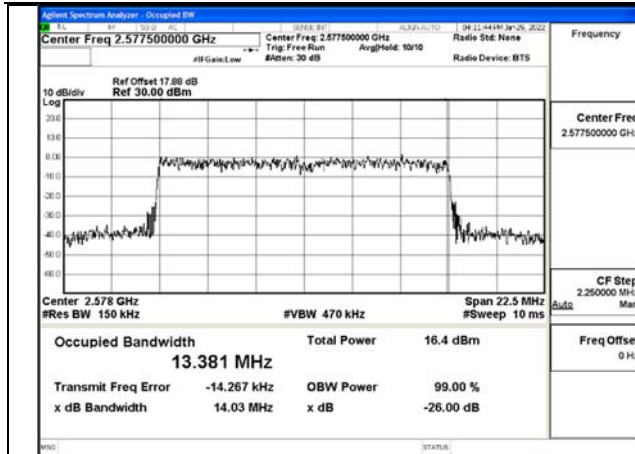


Fig.19

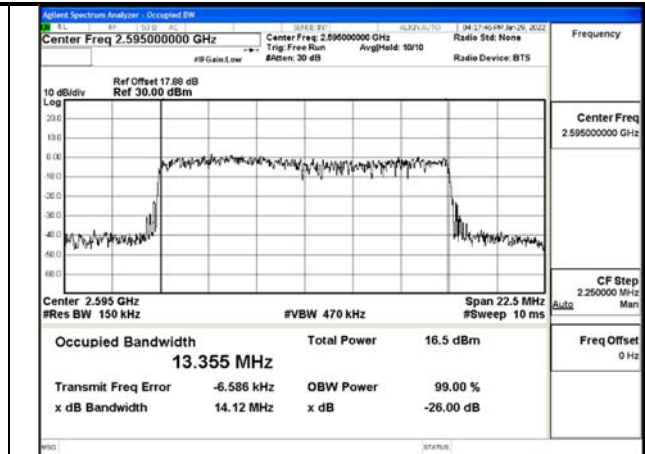


Fig.20

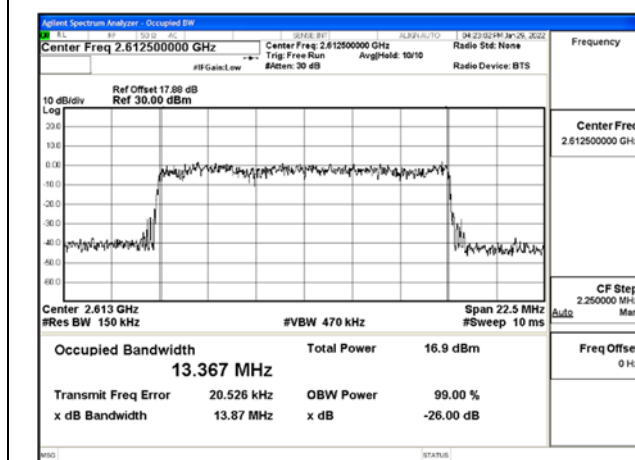


Fig.21

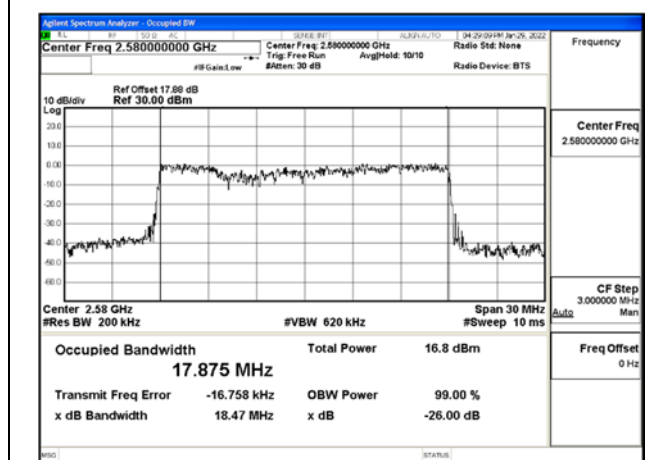


Fig.22

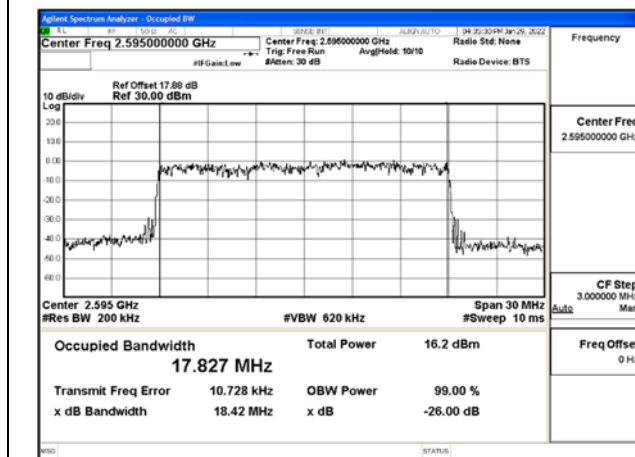


Fig.23

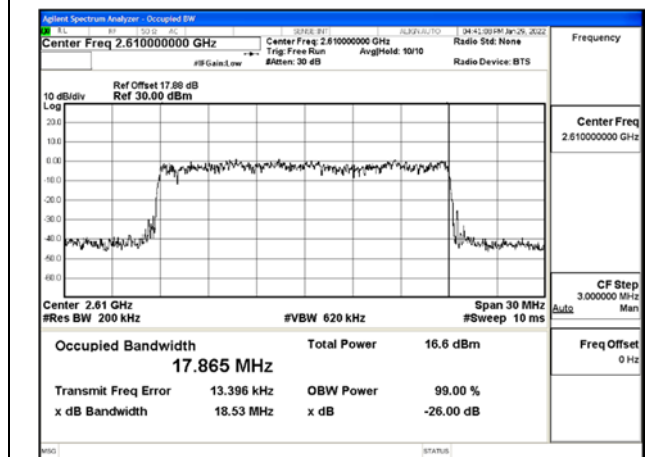


Fig.24

Test Mode: 64QAM

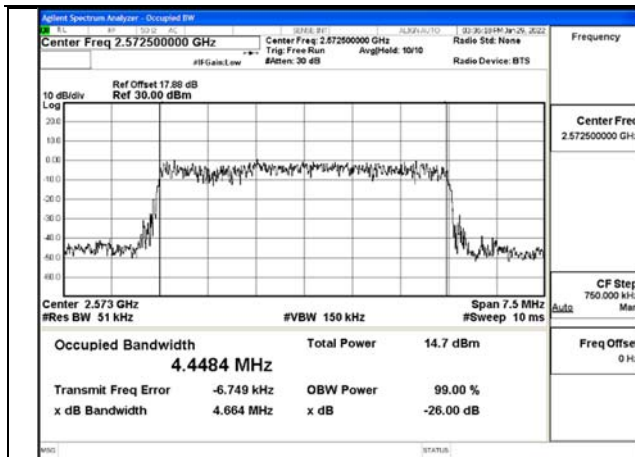


Fig.25

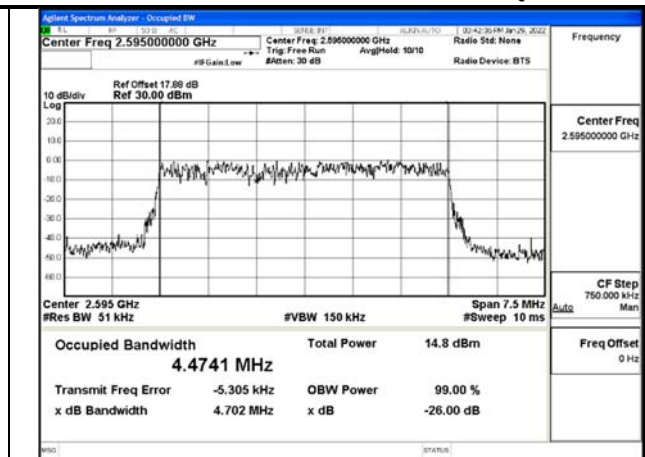


Fig.26

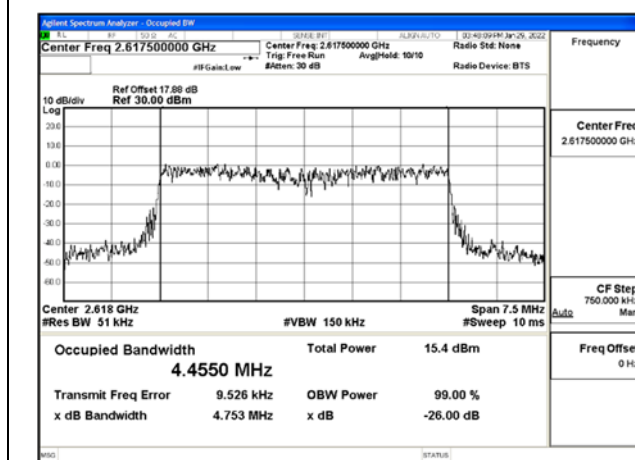


Fig.27

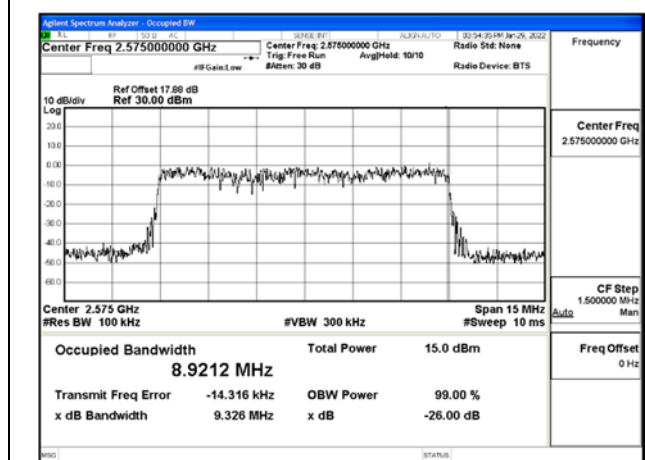


Fig.28

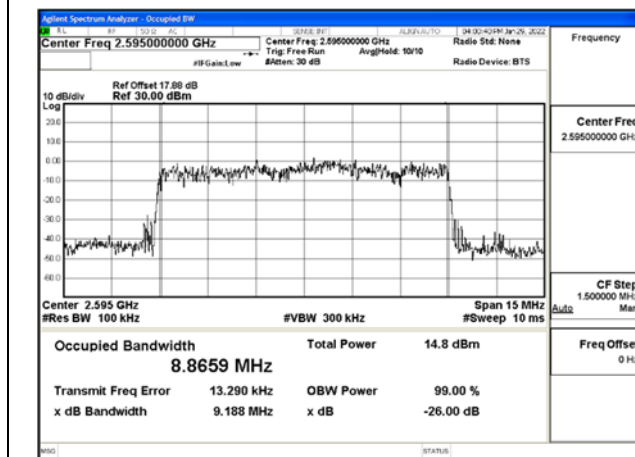


Fig.29

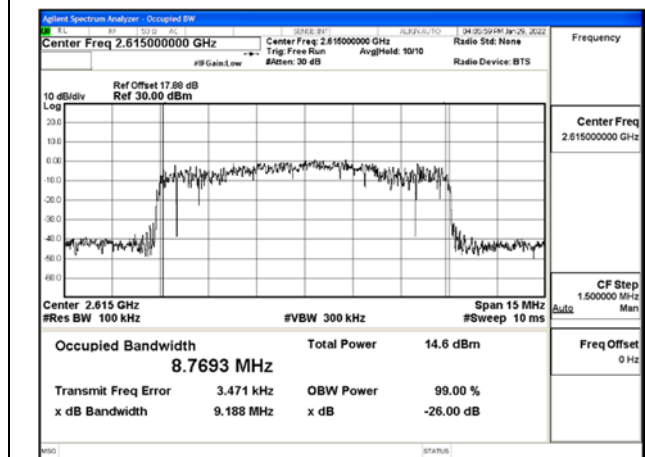


Fig.30

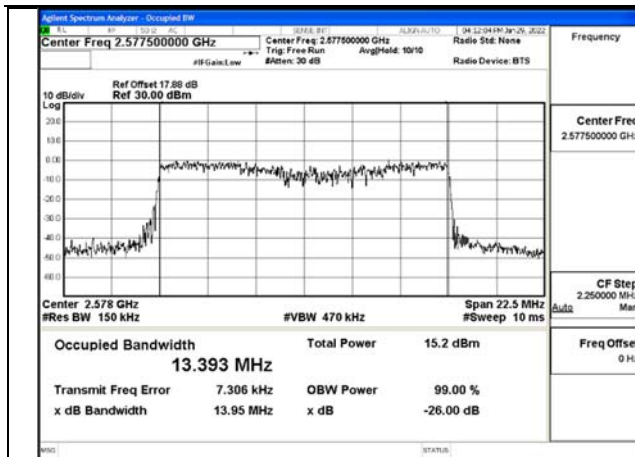


Fig.31

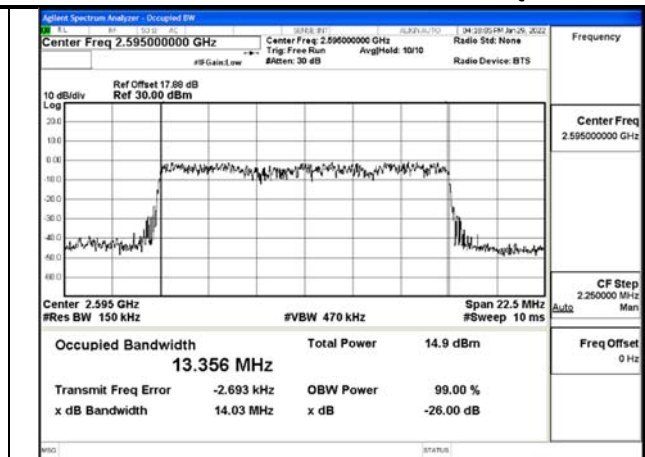


Fig.32

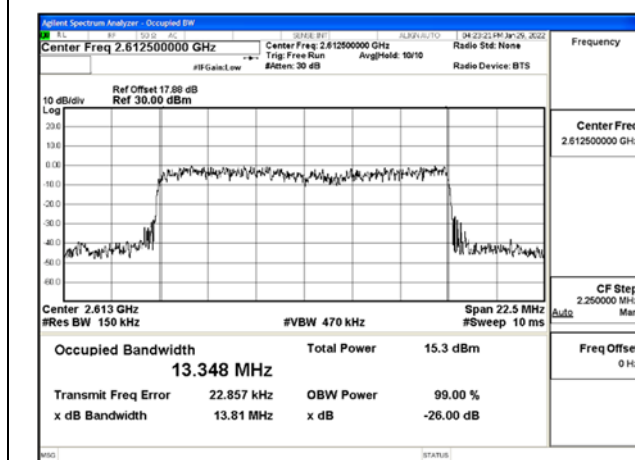


Fig.33

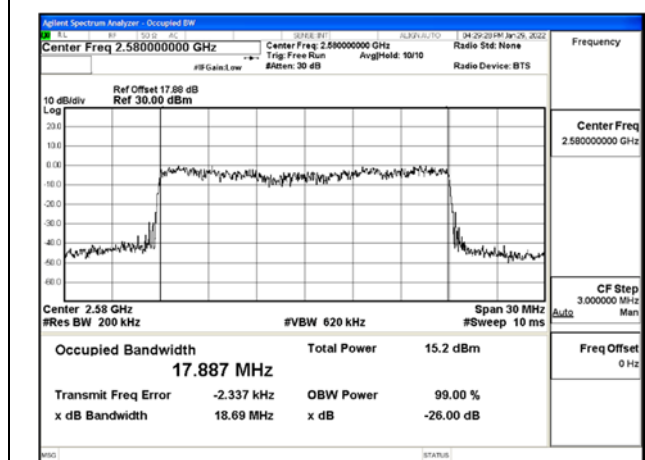


Fig.34

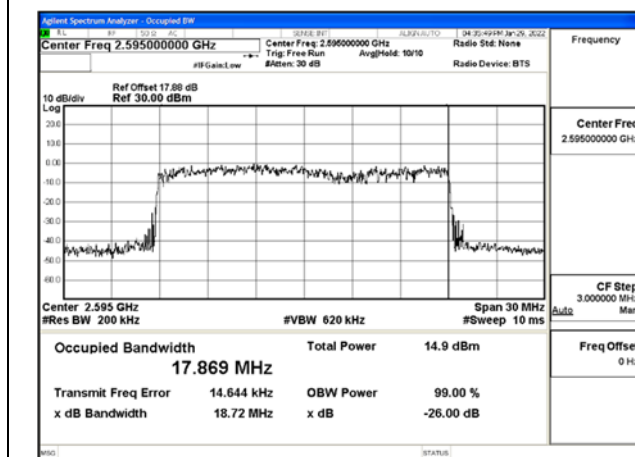


Fig.35

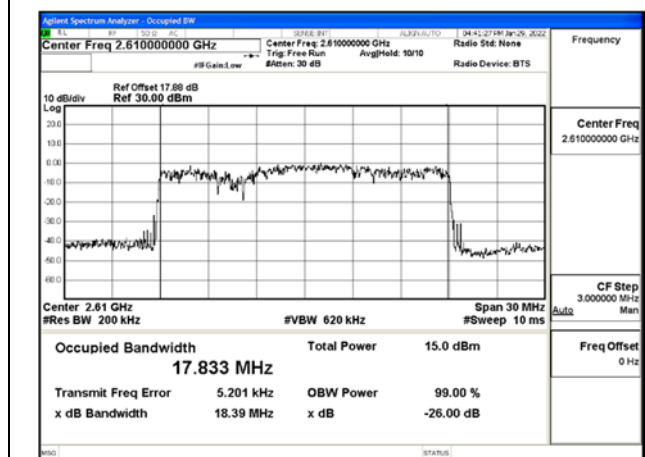


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
38	QPSK	2572.5	37775	5	25	0	4.740	Fig.1
38	QPSK	2595	38000	5	25	0	4.750	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.810	Fig.3
38	QPSK	2575	37800	10	50	0	9.360	Fig.4
38	QPSK	2595	38000	10	50	0	9.370	Fig.5
38	QPSK	2615	38200	10	50	0	9.240	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.760	Fig.7
38	QPSK	2595	38000	15	75	0	13.930	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.840	Fig.9
38	QPSK	2580	37850	20	100	0	18.450	Fig.10
38	QPSK	2595	38000	20	100	0	18.400	Fig.11
38	QPSK	2610	38150	20	100	0	18.660	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	4.720	Fig.13
38	16QAM	2595	38000	5	25	0	4.630	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.780	Fig.15
38	16QAM	2575	37800	10	50	0	9.370	Fig.16
38	16QAM	2595	38000	10	50	0	9.260	Fig.17
38	16QAM	2615	38200	10	50	0	9.370	Fig.18
38	16QAM	2577.5	37825	15	75	0	14.030	Fig.19
38	16QAM	2595	38000	15	75	0	14.120	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.870	Fig.21
38	16QAM	2580	37850	20	100	0	18.470	Fig.22
38	16QAM	2595	38000	20	100	0	18.420	Fig.23
38	16QAM	2610	38150	20	100	0	18.530	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	4.660	Fig.25
38	64QAM	2595	38000	5	25	0	4.700	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.750	Fig.27
38	64QAM	2575	37800	10	50	0	9.330	Fig.28
38	64QAM	2595	38000	10	50	0	9.190	Fig.29
38	64QAM	2615	38200	10	50	0	9.190	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.950	Fig.31
38	64QAM	2595	38000	15	75	0	14.030	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.810	Fig.33
38	64QAM	2580	37850	20	100	0	18.690	Fig.34
38	64QAM	2595	38000	20	100	0	18.720	Fig.35
38	64QAM	2610	38150	20	100	0	18.390	Fig.36

Test Mode: QPSK

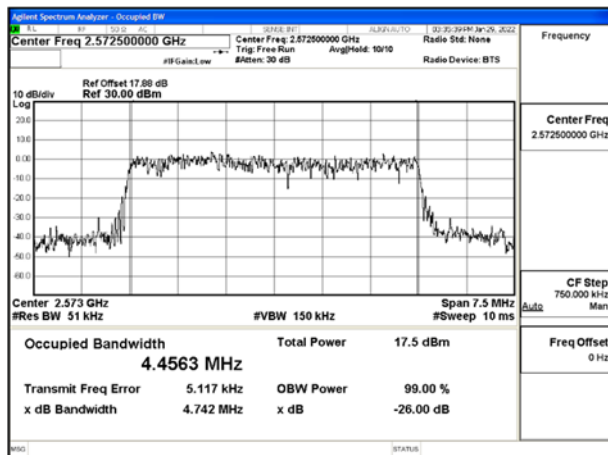


Fig.1

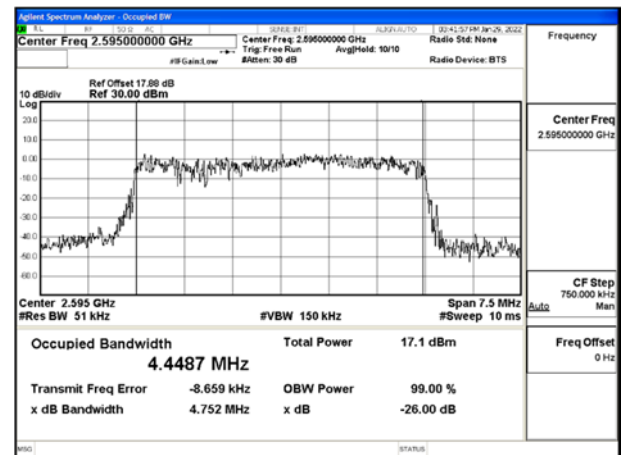


Fig.2

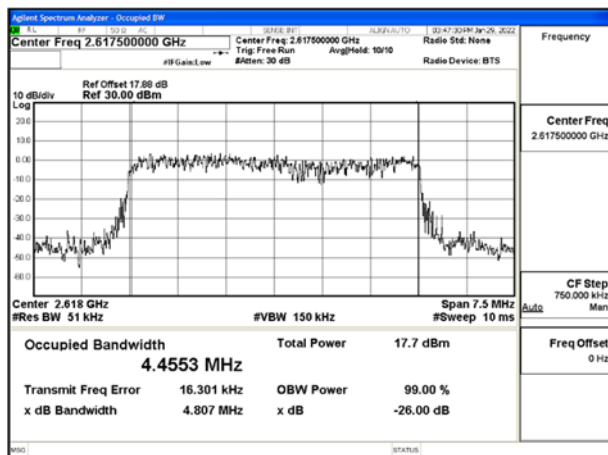


Fig.3

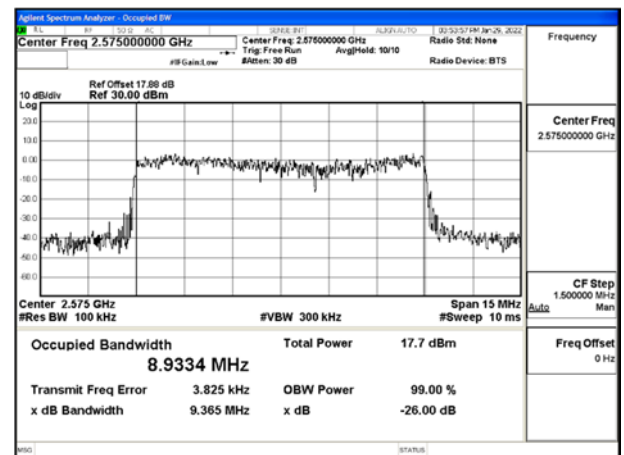


Fig.4

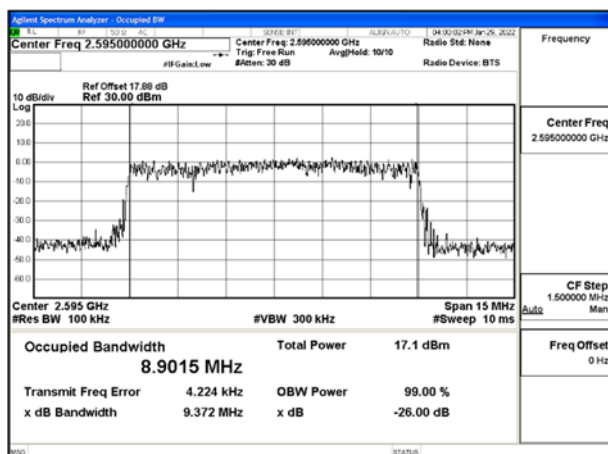


Fig.5

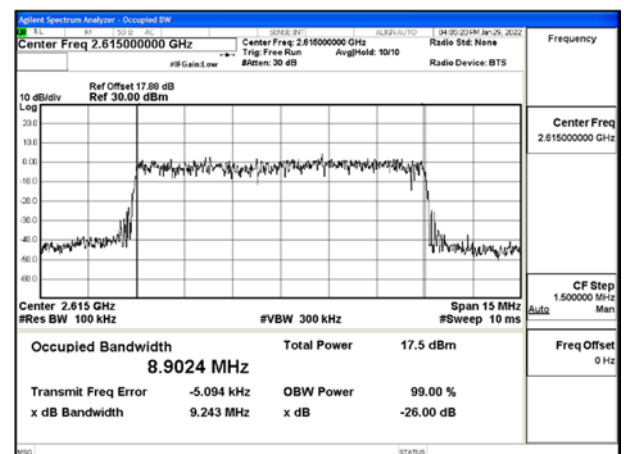


Fig.6

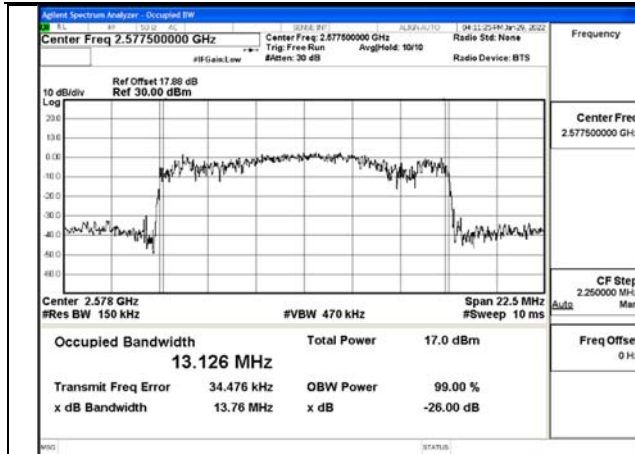


Fig.7

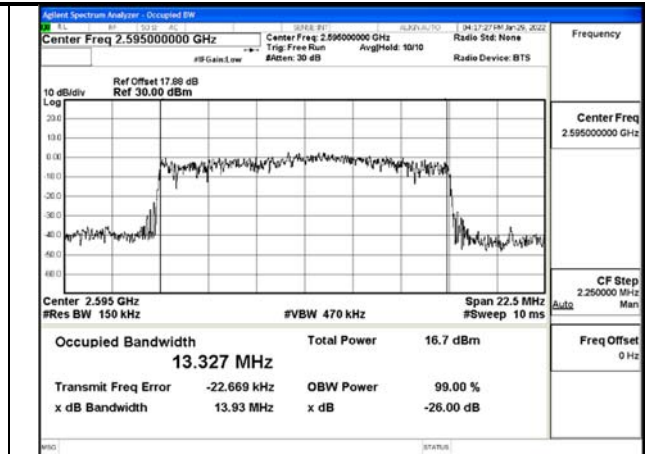


Fig.8

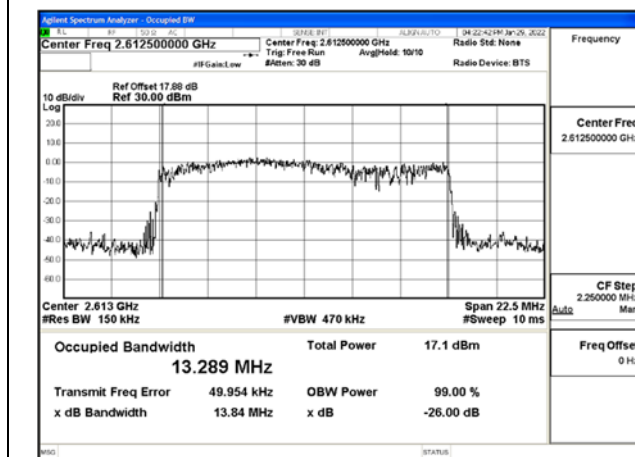


Fig.9

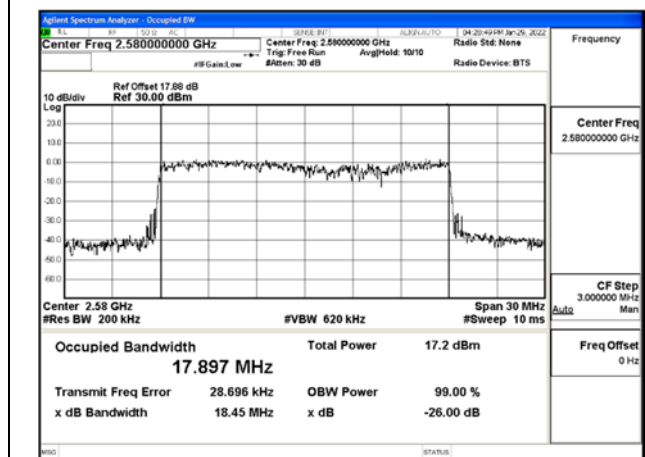


Fig.10

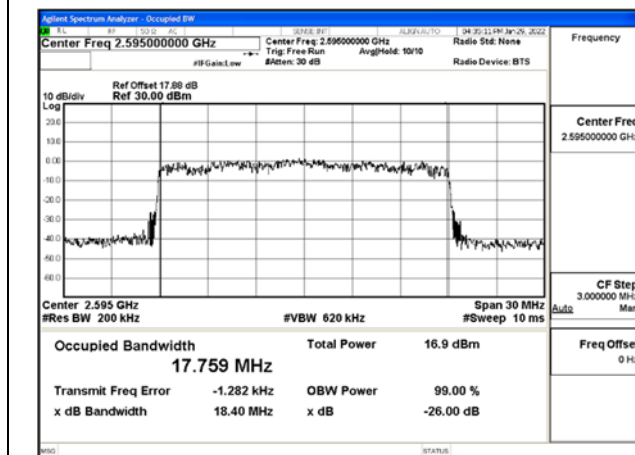


Fig.11

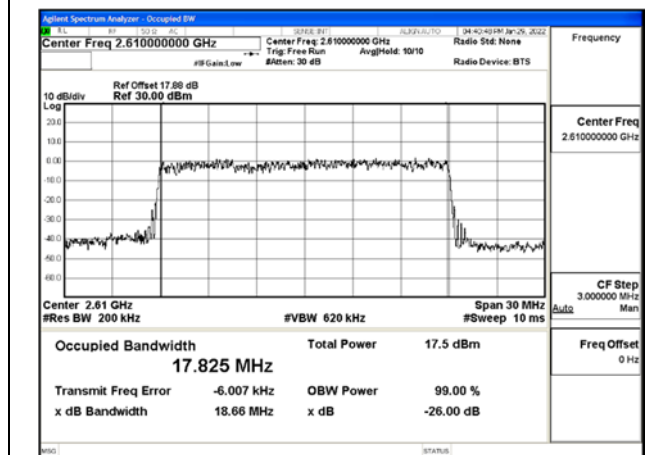


Fig.12

Test Mode: 16QAM

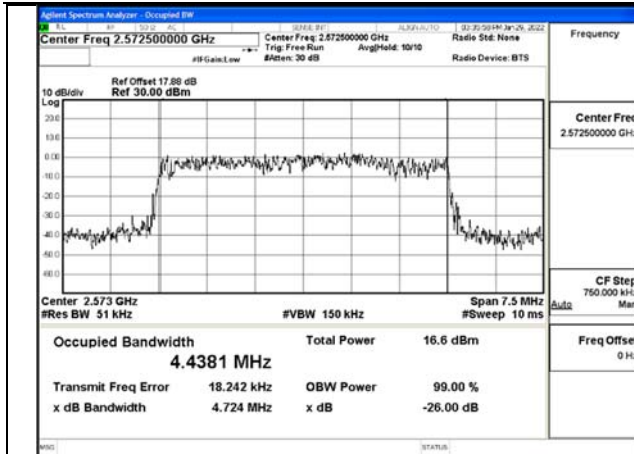


Fig.13

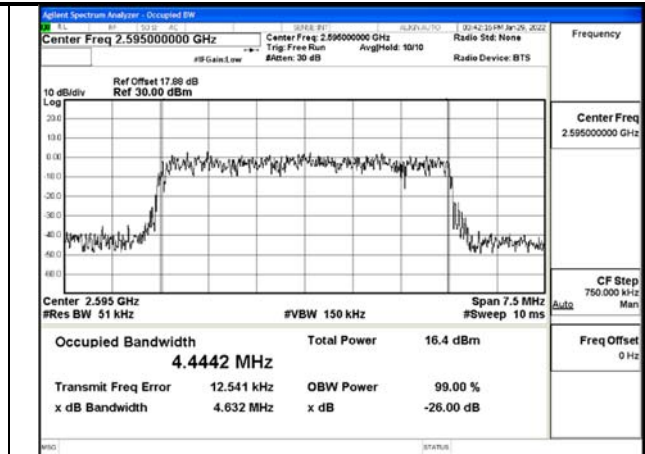


Fig.14

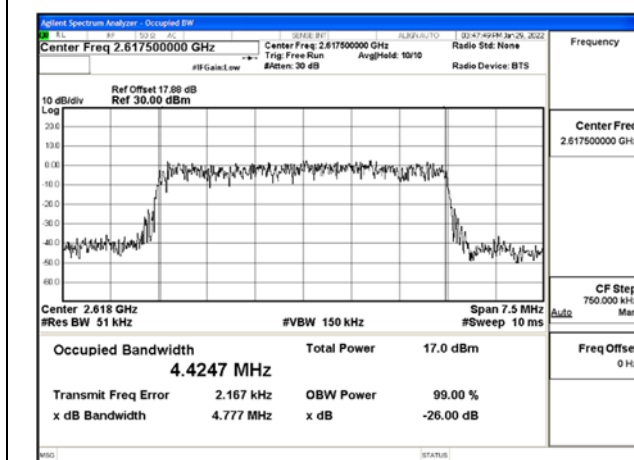


Fig.15

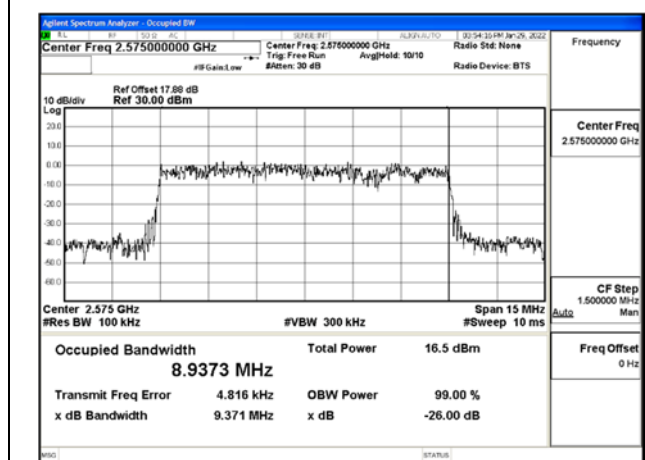


Fig.16

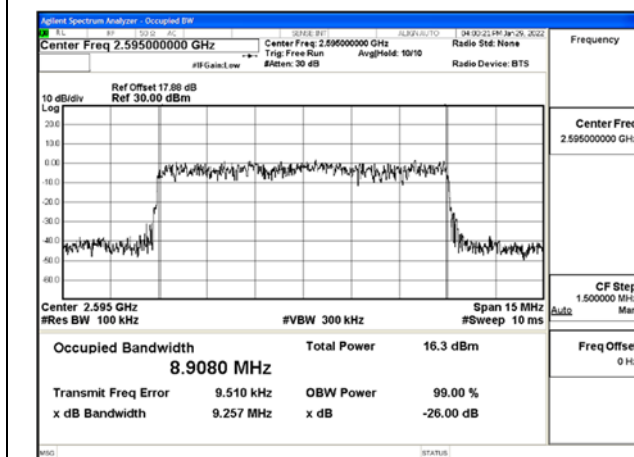


Fig.17

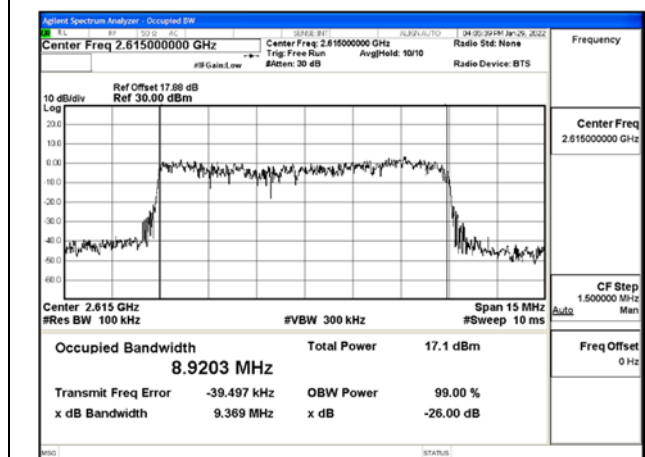


Fig.18

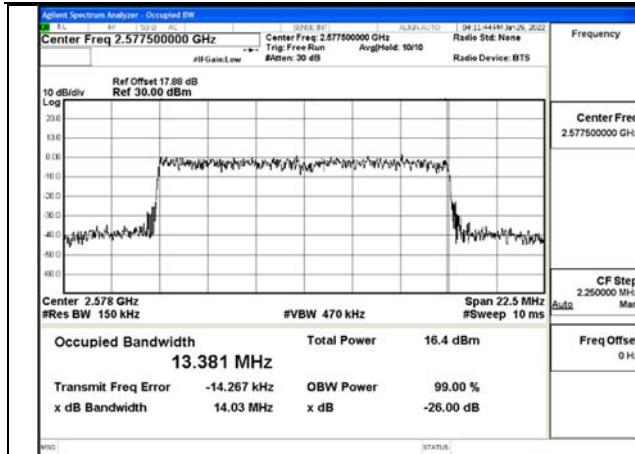


Fig.19

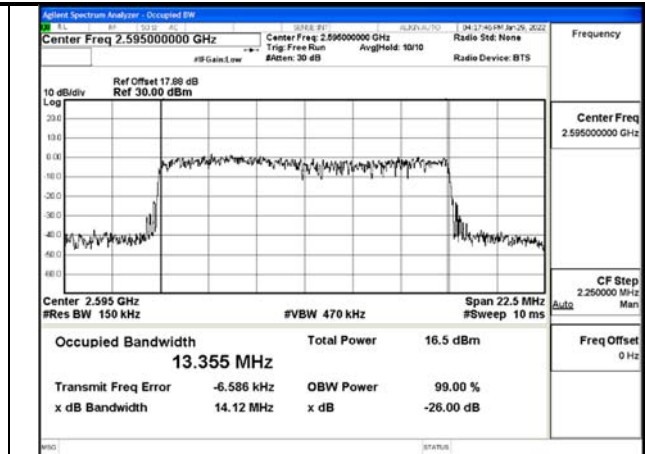


Fig.20

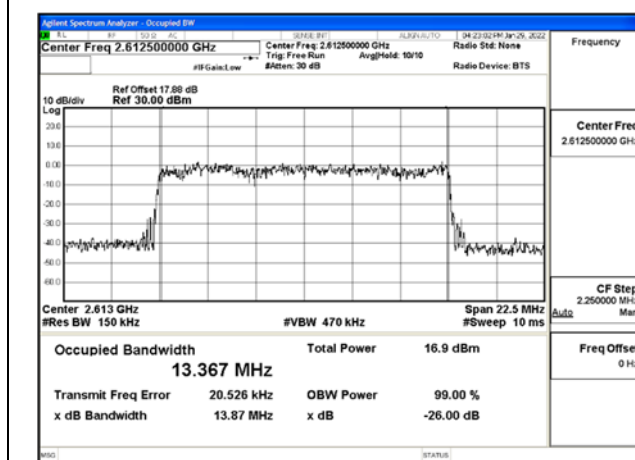


Fig.21

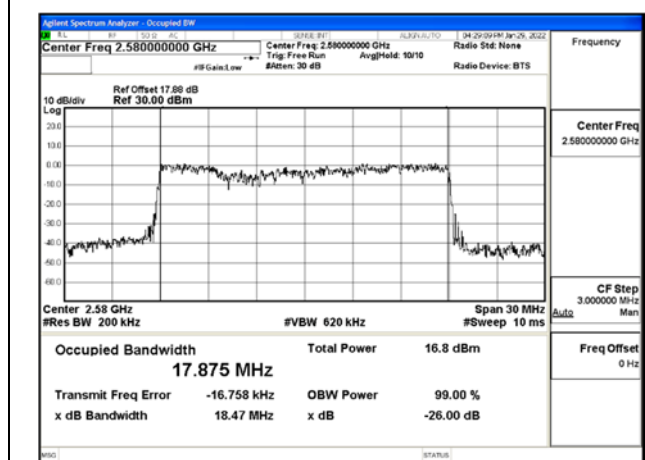


Fig.22

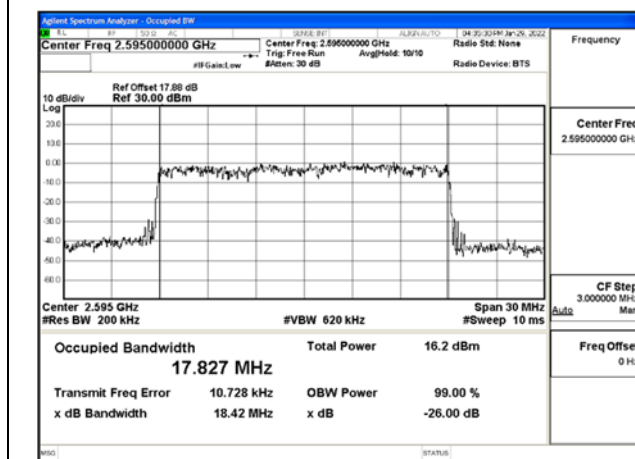


Fig.23

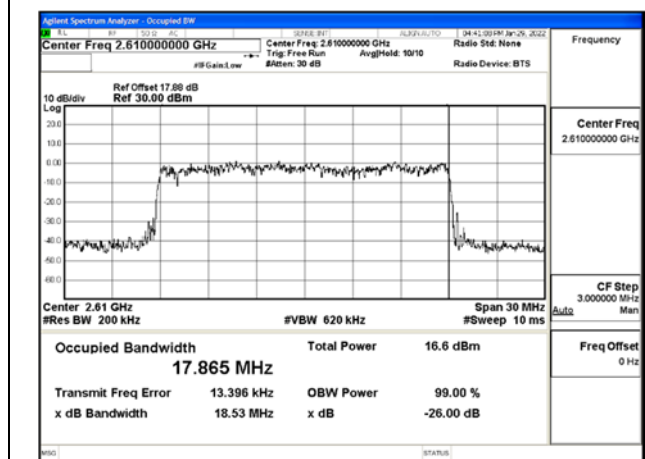


Fig.24

Test Mode: 64QAM

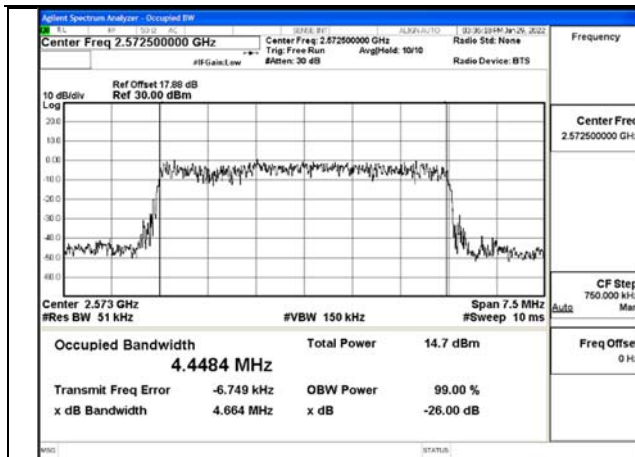


Fig.25

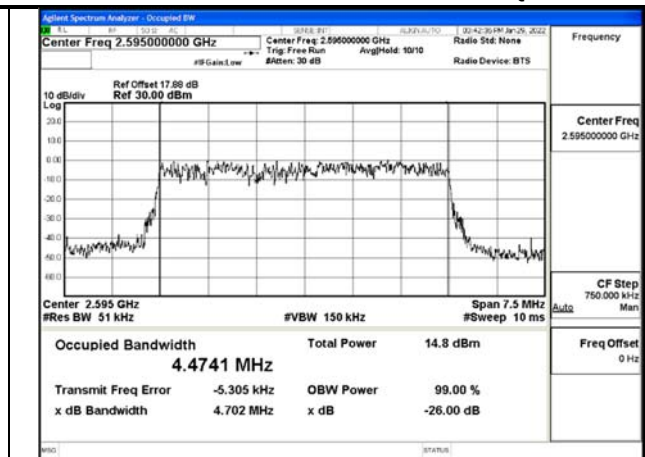


Fig.26

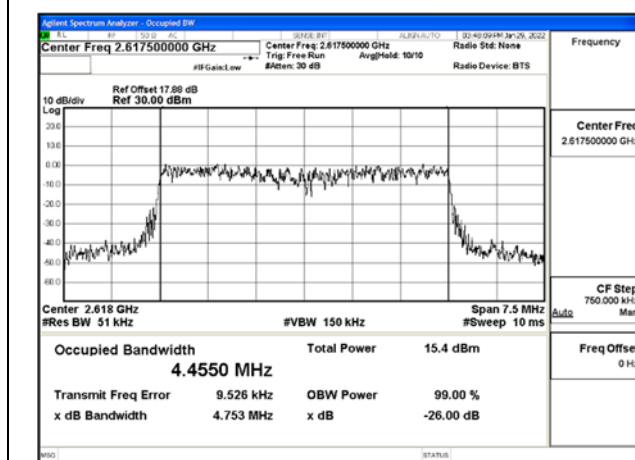


Fig.27

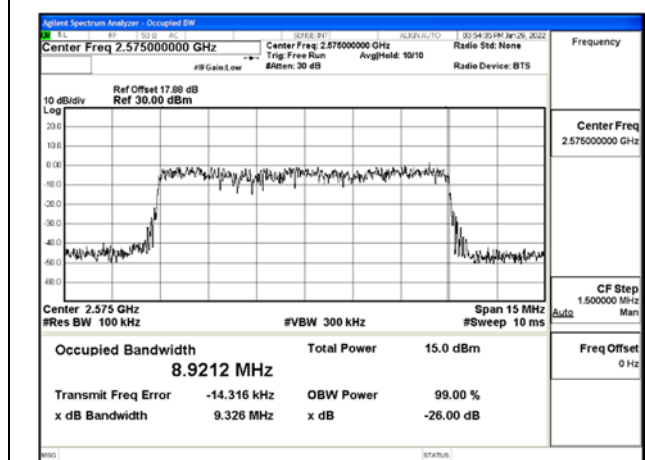


Fig.28

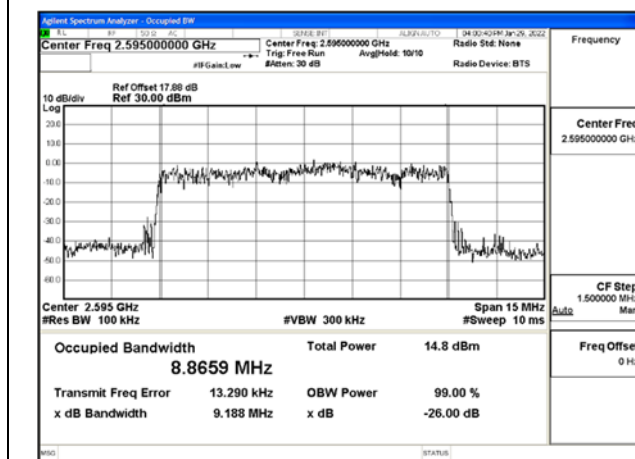


Fig.29

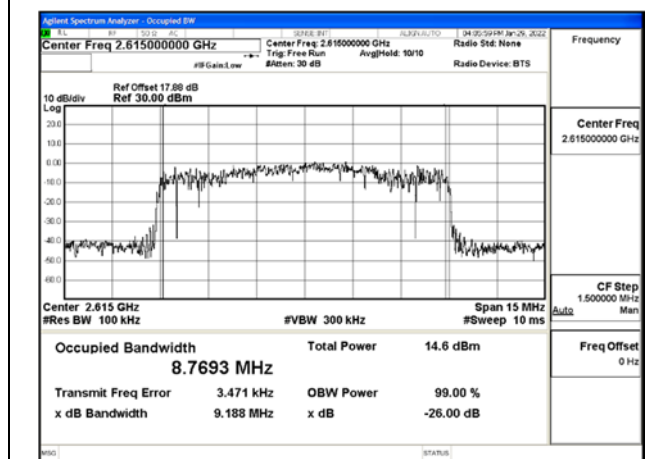


Fig.30

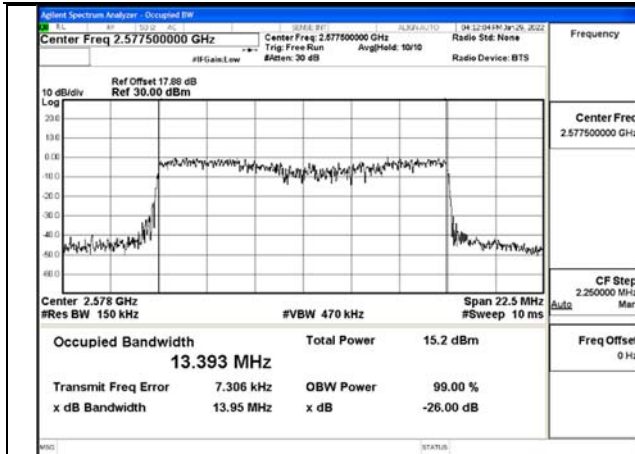


Fig.31

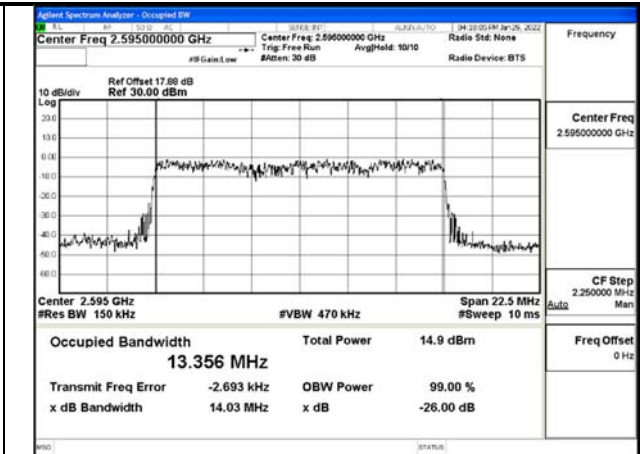


Fig.32

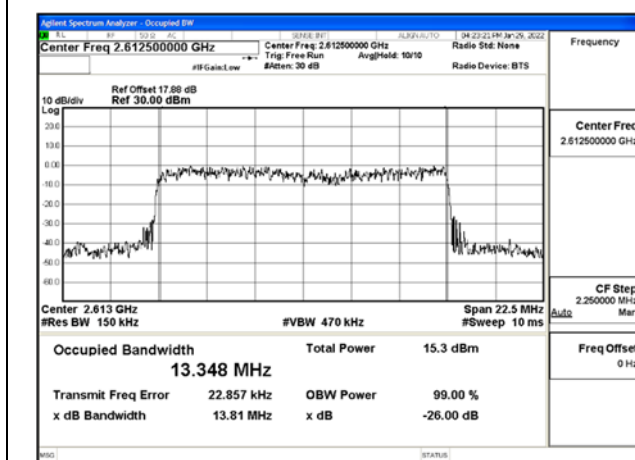


Fig.33

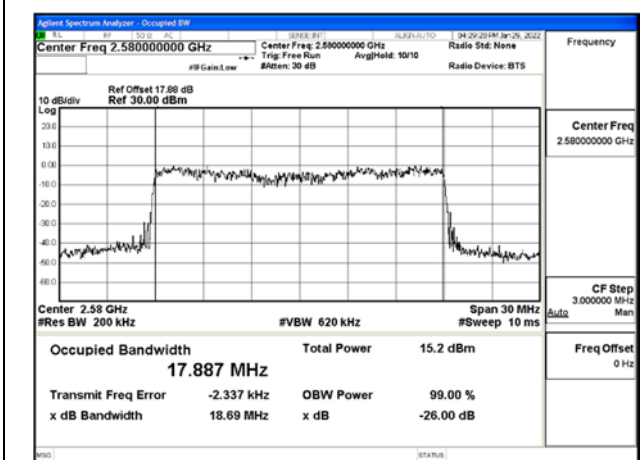


Fig.34

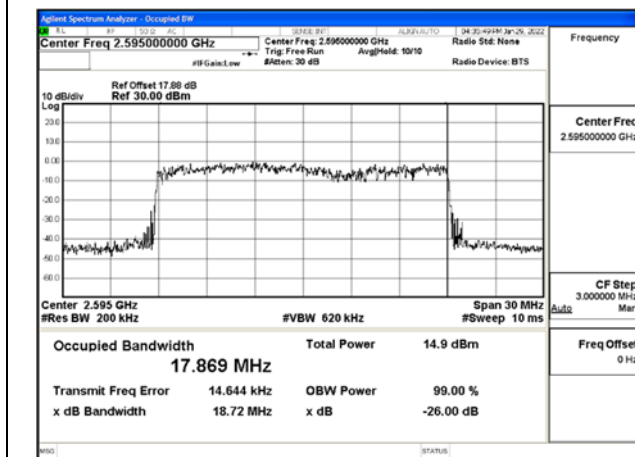


Fig.35

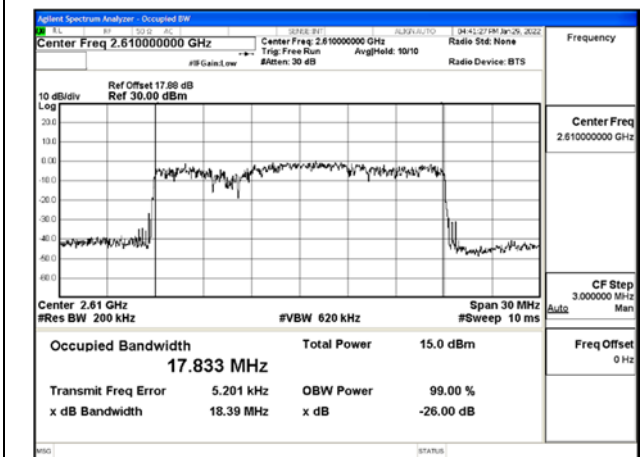


Fig.36

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

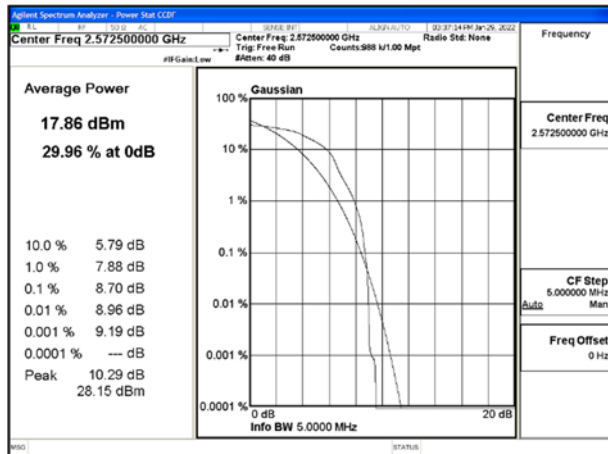


Fig.1

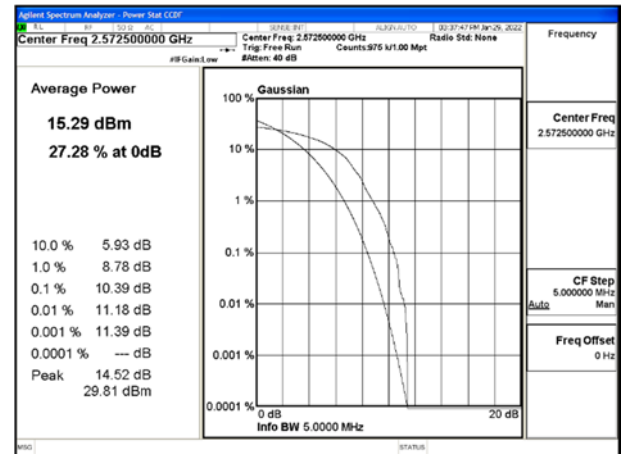


Fig.2

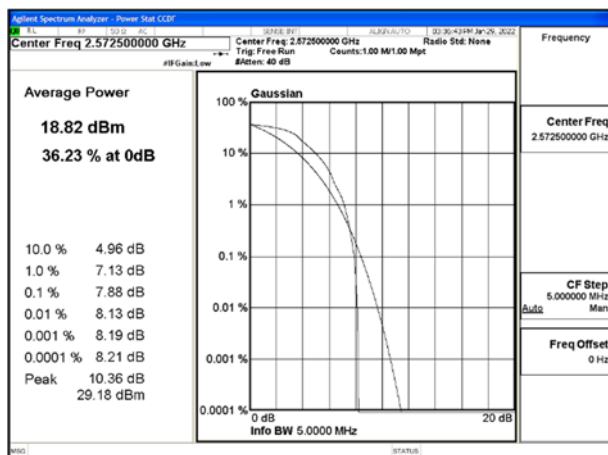


Fig.3

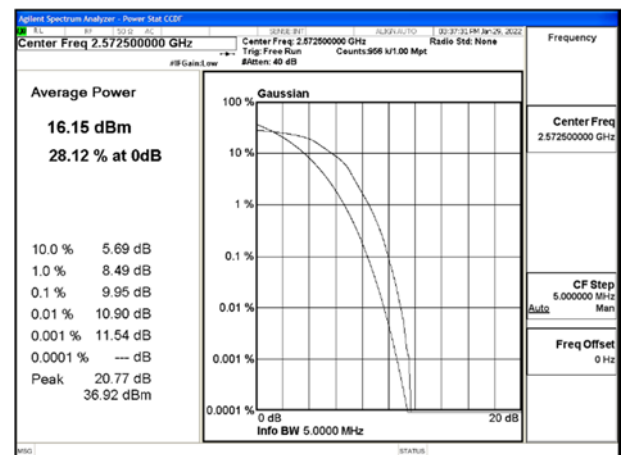


Fig.4

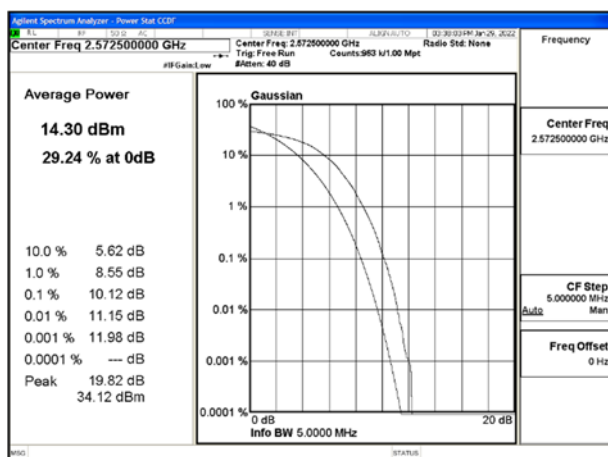


Fig.5

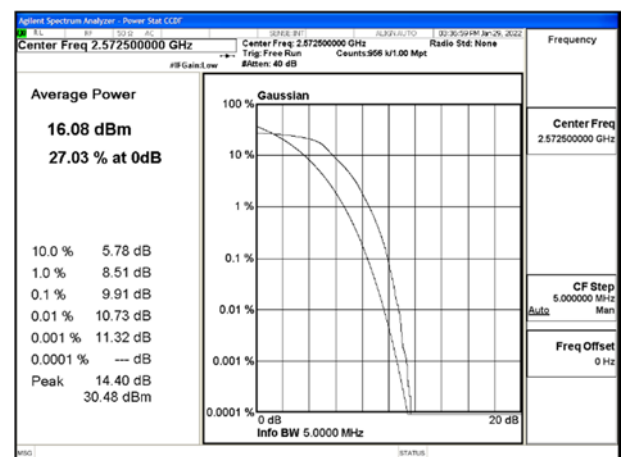


Fig.6