APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 38 CA

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	23.18
QPSK	2572.5	37775	5	1	12	23.21
QPSK	2572.5	37775	5	1	24	23.09
QPSK	2572.5	37775	5	12	0	22.16
QPSK	2572.5	37775	5	12	7	22.27
QPSK	2572.5	37775	5	12	13	22.29
QPSK	2572.5	37775	5	25	0	22.28
QPSK	2595	38000	5	1	0	23.37
QPSK	2595	38000	5	1	12	23.54
QPSK	2595	38000	5	1	24	23.20
QPSK	2595	38000	5	12	0	22.17
QPSK	2595	38000	5	12	7	22.20
QPSK	2595	38000	5	12	13	22.21
QPSK	2595	38000	5	25	0	22.11
QPSK	2617.5	38225	5	1	0	23.07
QPSK	2617.5	38225	5	1	12	23.42
QPSK	2617.5	38225	5	1	24	23.17
QPSK	2617.5	38225	5	12	0	22.19
QPSK	2617.5	38225	5	12	7	22.13
QPSK	2617.5	38225	5	12	13	22.23
QPSK	2617.5	38225	5	25	0	22.20

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2572.5	37775	5	1	0	22.57
16QAM	2572.5	37775	5	1	12	22.91
16QAM	2572.5	37775	5	1	24	22.43
16QAM	2572.5	37775	5	12	0	21.37
16QAM	2572.5	37775	5	12	7	21.42
16QAM	2572.5	37775	5	12	13	21.47
16QAM	2572.5	37775	5	25	0	21.26
16QAM	2595	38000	5	1	0	22.15
16QAM	2595	38000	5	1	12	22.80
16QAM	2595	38000	5	1	24	22.37
16QAM	2595	38000	5	12	0	21.09
16QAM	2595	38000	5	12	7	21.34
16QAM	2595	38000	5	12	13	21.39
16QAM	2595	38000	5	25	0	21.09
16QAM	2617.5	38225	5	1	0	22.36
16QAM	2617.5	38225	5	1	12	22.97
16QAM	2617.5	38225	5	1	24	22.61
16QAM	2617.5	38225	5	12	0	21.26
16QAM	2617.5	38225	5	12	7	21.39
16QAM	2617.5	38225	5	12	13	21.26
16QAM	2617.5	38225	5	25	0	21.32
64QAM	2572.5	37775	5	1	0	22.05
64QAM	2572.5	37775	5	1	12	22.07
64QAM	2572.5	37775	5	1	24	22.26
64QAM	2572.5	37775	5	12	0	21.31
64QAM	2572.5	37775	5	12	7	21.26
64QAM	2572.5	37775	5	12	13	21.27
64QAM	2572.5	37775	5	25	0	20.79
64QAM	2595	38000	5	1	0	22.42
64QAM	2595	38000	5	1	12	22.39
64QAM	2595	38000	5	1	24	22.46
64QAM	2595	38000	5	12	0	21.20
64QAM	2595	38000	5	12	7	21.27
64QAM	2595	38000	5	12	13	21.38
64QAM	2595	38000	5	25	0	21.10
64QAM	2617.5	38225	5	1	0	22.07
64QAM	2617.5	38225	5	1	12	22.48
64QAM	2617.5	38225	5	1	24	22.53
64QAM	2617.5	38225	5	12	0	21.24
64QAM	2617.5	38225	5	12	7	21.35
64QAM	2617.5	38225	5	12	13	21.25
64QAM	2617.5	38225	5	25	0	20.94

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	23.39
QPSK	2575	37800	10	1	25	23.53
QPSK	2575	37800	10	1	49	23.36
QPSK	2575	37800	10	25	0	22.27
QPSK	2575	37800	10	25	12	22.26
QPSK	2575	37800	10	25	25	22.28
QPSK	2575	37800	10	50	0	22.32
QPSK	2595	38000	10	1	0	23.43
QPSK	2595	38000	10	1	25	23.10
QPSK	2595	38000	10	1	49	23.38
QPSK	2595	38000	10	25	0	22.12
QPSK	2595	38000	10	25	12	22.19
QPSK	2595	38000	10	25	25	22.13
QPSK	2595	38000	10	50	0	22.11
QPSK	2615	38200	10	1	0	23.17
QPSK	2615	38200	10	1	25	23.44
QPSK	2615	38200	10	1	49	23.28
QPSK	2615	38200	10	25	0	22.19
QPSK	2615	38200	10	25	12	22.19
QPSK	2615	38200	10	25	25	22.17
QPSK	2615	38200	10	50	0	22.02

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	22.79
16QAM	2575	37800	10	1	25	22.63
16QAM	2575	37800	10	1	49	22.23
16QAM	2575	37800	10	25	0	21.32
16QAM	2575	37800	10	25	12	21.35
16QAM	2575	37800	10	25	25	21.45
16QAM	2575	37800	10	50	0	21.37
16QAM	2595	38000	10	1	0	22.81
16QAM	2595	38000	10	1	25	22.48
16QAM	2595	38000	10	1	49	22.41
16QAM	2595	38000	10	25	0	21.16
16QAM	2595	38000	10	25	12	21.18
16QAM	2595	38000	10	25	25	21.25
16QAM	2595	38000	10	50	0	21.08
16QAM	2615	38200	10	1	0	22.47
16QAM	2615	38200	10	1	25	22.28
16QAM	2615	38200	10	1	49	22.53
16QAM	2615	38200	10	25	0	21.08
16QAM	2615	38200	10	25	12	21.22
16QAM	2615	38200	10	25	25	21.29
16QAM	2615	38200	10	50	0	21.08
64QAM	2575	37800	10	1	0	22.46
64QAM	2575	37800	10	1	25	22.54
64QAM	2575	37800	10	1	49	22.39
64QAM	2575	37800	10	25	0	21.39
64QAM	2575	37800	10	25	12	21.49
64QAM	2575	37800	10	25	25	21.32
64QAM	2575	37800	10	50	0	21.40
64QAM	2595	38000	10	1	0	22.86
64QAM	2595	38000	10	1	25	22.58
64QAM	2595	38000	10	1	49	21.89
64QAM	2595	38000	10	25	0	21.26
64QAM	2595	38000	10	25	12	21.17
64QAM	2595	38000	10	25	25	21.22
64QAM	2595	38000	10	50	0	21.11
64QAM	2615	38200	10	1	0	22.56
64QAM	2615	38200	10	1	25	22.51
64QAM	2615	38200	10	1	49	22.32
64QAM	2615	38200	10	25	0	21.15
64QAM	2615	38200	10	25	12	21.22
64QAM	2615	38200	10	25	25	21.32
64QAM	2615	38200	10	50	0	21.12

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	23.64
QPSK	2577.5	37825	15	1	37	23.58
QPSK	2577.5	37825	15	1	74	23.55
QPSK	2577.5	37825	15	36	0	22.24
QPSK	2577.5	37825	15	36	29	22.19
QPSK	2577.5	37825	15	36	30	22.24
QPSK	2577.5	37825	15	75	0	22.19
QPSK	2595	38000	15	1	0	23.60
QPSK	2595	38000	15	1	37	22.96
QPSK	2595	38000	15	1	74	23.36
QPSK	2595	38000	15	36	0	22.18
QPSK	2595	38000	15	36	29	22.13
QPSK	2595	38000	15	36	30	22.14
QPSK	2595	38000	15	75	0	22.09
QPSK	2612.5	38175	15	1	0	23.54
QPSK	2612.5	38175	15	1	37	22.93
QPSK	2612.5	38175	15	1	74	23.52
QPSK	2612.5	38175	15	36	0	22.08
QPSK	2612.5	38175	15	36	29	22.04
QPSK	2612.5	38175	15	36	30	22.12
QPSK	2612.5	38175	15	75	0	22.04

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	22.32
16QAM	2577.5	37825	15	1	37	22.23
16QAM	2577.5	37825	15	1	74	22.45
16QAM	2577.5	37825	15	36	0	21.27
16QAM	2577.5	37825	15	36	29	21.18
16QAM	2577.5	37825	15	36	30	21.18
16QAM	2577.5	37825	15	75	0	21.26
16QAM	2595	38000	15	1	0	23.10
16QAM	2595	38000	15	1	37	22.96
16QAM	2595	38000	15	1	74	22.28
16QAM	2595	38000	15	36	0	21.17
16QAM	2595	38000	15	36	29	21.13
16QAM	2595	38000	15	36	30	21.08
16QAM	2595	38000	15	75	0	21.06
16QAM	2612.5	38175	15	1	0	22.12
16QAM	2612.5	38175	15	1	37	22.33
16QAM	2612.5	38175	15	1	74	22.57
16QAM	2612.5	38175	15	36	0	21.03
16QAM	2612.5	38175	15	36	29	21.16
16QAM	2612.5	38175	15	36	30	21.17
16QAM	2612.5	38175	15	75	0	21.09
64QAM	2577.5	37825	15	1	0	22.43
64QAM	2577.5	37825	15	1	37	22.22
64QAM	2577.5	37825	15	1	74	22.29
64QAM	2577.5	37825	15	36	0	21.23
64QAM	2577.5	37825	15	36	29	21.19
64QAM	2577.5	37825	15	36	30	21.25
64QAM	2577.5	37825	15	75	0	21.20
64QAM	2595	38000	15	1	0	22.27
64QAM	2595	38000	15	1	37	22.32
64QAM	2595	38000	15	1	74	22.14
64QAM	2595	38000	15	36	0	21.20
64QAM	2595	38000	15	36	29	21.06
64QAM	2595	38000	15	36	30	21.15
64QAM	2595	38000	15	75	0	21.17
64QAM	2612.5	38175	15	1	0	22.11
64QAM	2612.5	38175	15	1	37	22.19
64QAM	2612.5	38175	15	1	74	22.17
64QAM	2612.5	38175	15	36	0	21.00
64QAM	2612.5	38175	15	36	29	21.10
64QAM	2612.5	38175	15	36	30	21.16
64QAM	2612.5	38175	15	75	0	21.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	23.38
QPSK	2580	37850	20	1	49	23.06
QPSK	2580	37850	20	1	99	23.54
QPSK	2580	37850	20	50	0	22.17
QPSK	2580	37850	20	50	24	22.30
QPSK	2580	37850	20	50	50	22.26
QPSK	2580	37850	20	100	0	22.26
QPSK	2595	38000	20	1	0	23.77
QPSK	2595	38000	20	1	49	23.08
QPSK	2595	38000	20	1	99	23.42
QPSK	2595	38000	20	50	0	22.21
QPSK	2595	38000	20	50	24	22.07
QPSK	2595	38000	20	50	50	22.14
QPSK	2595	38000	20	100	0	22.13
QPSK	2610	38150	20	1	0	23.56
QPSK	2610	38150	20	1	49	23.43
QPSK	2610	38150	20	1	99	23.44
QPSK	2610	38150	20	50	0	22.00
QPSK	2610	38150	20	50	24	22.04
QPSK	2610	38150	20	50	50	22.08
QPSK	2610	38150	20	100	0	21.96

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
256QAM	2580	37850	20	1	0	18.02
256QAM	2595	38000	20	1	0	18.40
256QAM	2610	38150	20	1	0	18.26

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	22.26
16QAM	2580	37850	20	1	49	22.66
16QAM	2580	37850	20	1	99	22.30
16QAM	2580	37850	20	50	0	21.14
16QAM	2580	37850	20	50	24	21.31
16QAM	2580	37850	20	50	50	21.34
16QAM	2580	37850	20	100	0	21.25
16QAM	2595	38000	20	1	0	22.69
16QAM	2595	38000	20	1	49	22.23
16QAM	2595	38000	20	1	99	22.47
16QAM	2595	38000	20	50	0	21.25
16QAM	2595	38000	20	50	24	21.21
16QAM	2595	38000	20	50	50	21.21
16QAM	2595	38000	20	100	0	21.04
16QAM	2610	38150	20	1	0	22.06
16QAM	2610	38150	20	1	49	22.13
16QAM	2610	38150	20	1	99	22.43
16QAM	2610	38150	20	50	0	21.11
16QAM	2610	38150	20	50	24	21.19
16QAM	2610	38150	20	50	50	21.18
16QAM	2610	38150	20	100	0	21.12
64QAM	2580	37850	20	1	0	22.23
64QAM	2580	37850	20	1	49	22.83
64QAM	2580	37850	20	1	99	22.18
64QAM	2580	37850	20	50	0	21.17
64QAM	2580	37850	20	50	24	21.09
64QAM	2580	37850	20	50	50	21.26
64QAM	2580	37850	20	100	0	21.27
64QAM	2595	38000	20	1	0	22.44
64QAM	2595	38000	20	1	49	21.83
64QAM	2595	38000	20	1	99	21.76
64QAM	2595	38000	20	50	0	21.22
64QAM	2595	38000	20	50	24	21.01
64QAM	2595	38000	20	50	50	21.14
64QAM	2595	38000	20	100	0	21.04
64QAM	2610	38150	20	1	0	22.18
64QAM	2610	38150	20	1	49	22.06
64QAM	2610	38150	20	1	99	22.66
64QAM	2610	38150	20	50	0	20.94
64QAM	2610	38150	20	50	24	21.05
64QAM	2610	38150	20	50	50	21.10
64QAM	2610	38150	20	100	0	20.93

2 Occupied Bandwidth

Aggregated BW	Modulation	PCC	SCC	Range	Channel	99% BW (MHz)	
15+15	QPSK	75@0	75@0	low	37825	28.580	Fig.1
15+15	QPSK	75@0	75@0	mid	37925	28.750	Fig.2
15+15	QPSK	75@0	75@0	high	38025	28.560	Fig.3
20+20	QPSK	100@0	100@0	low	37850	37.900	Fig.4
20+20	QPSK	100@0	100@0	mid	37901	37.820	Fig.5
20+20	QPSK	100@0	100@0	high	37952	37.630	Fig.6

Aggregated BW	Modulation	PCC	SCC	Range	Channel	99% BW (MHz)	
15+15	16QAM	75@0	75@0	low	37825	28.690	Fig.7
15+15	16QAM	75@0	75@0	mid	37925	28.610	Fig.8
15+15	16QAM	75@0	75@0	high	38025	28.820	Fig.9
20+20	16QAM	100@0	100@0	low	37850	37.800	Fig.10
20+20	16QAM	100@0	100@0	mid	37901	37.500	Fig.11
20+20	16QAM	100@0	100@0	high	37952	37.830	Fig.12

Aggregated BW	Modulation	PCC	SCC	Range	Channel	99% BW (MHz)	
15+15	64QAM	75@0	75@0	low	37825	28.690	Fig.13
15+15	64QAM	75@0	75@0	mid	37925	28.690	Fig.14
15+15	64QAM	75@0	75@0	high	38025	28.760	Fig.15
20+20	64QAM	100@0	100@0	low	37850	37.880	Fig.16
20+20	64QAM	100@0	100@0	mid	37901	37.350	Fig.17
20+20	64QAM	100@0	100@0	high	37952	37.870	Fig.18

Test Mode: QPSK

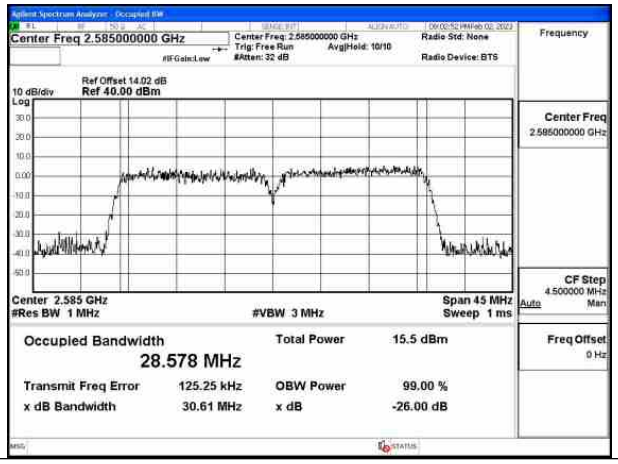


Fig.1

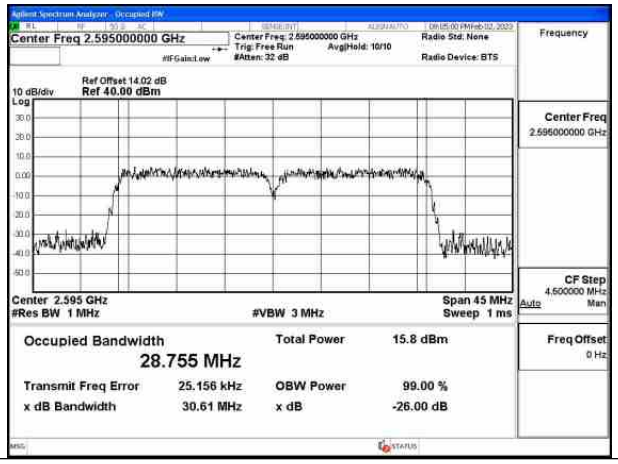


Fig.2

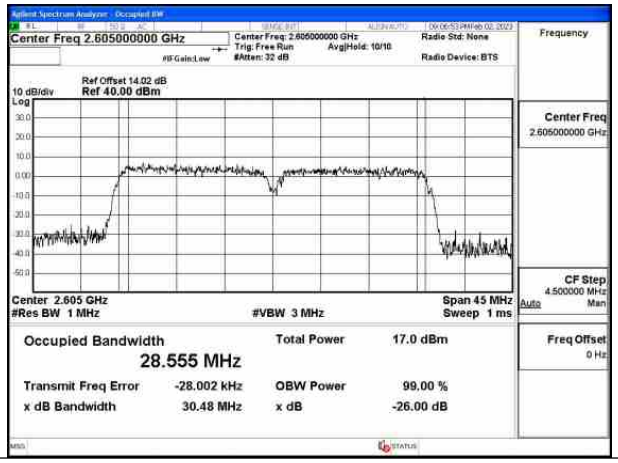


Fig.3

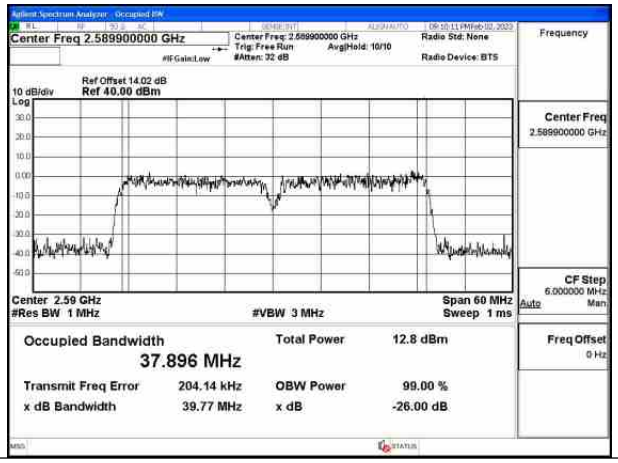


Fig.4

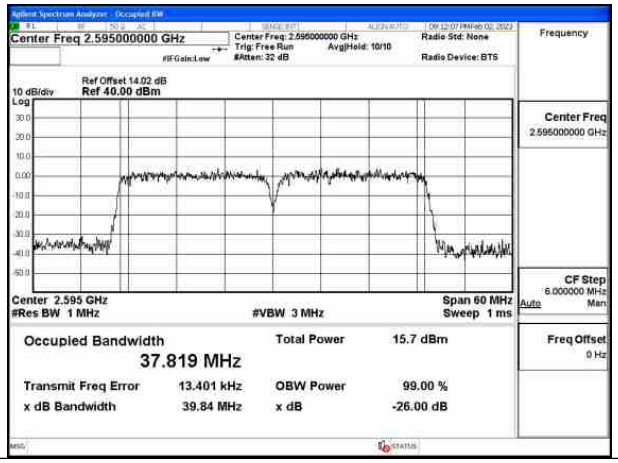


Fig.5

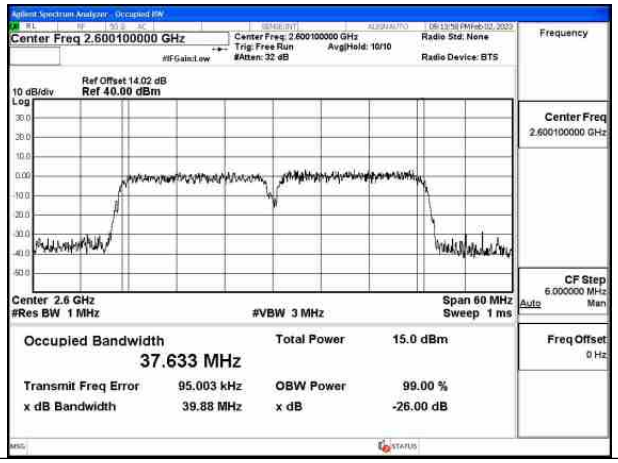


Fig.6

Test Mode: 16QAM

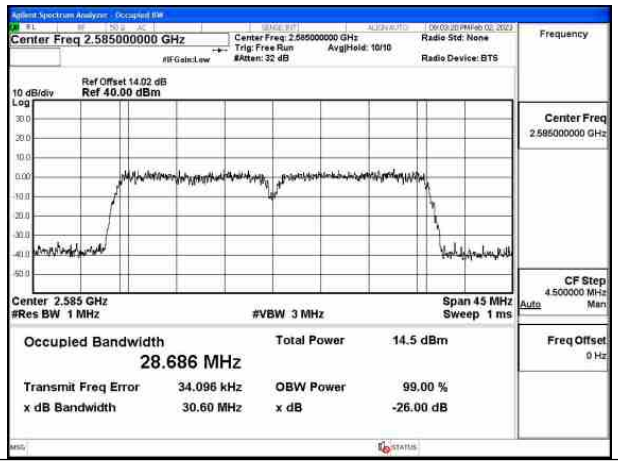


Fig.7

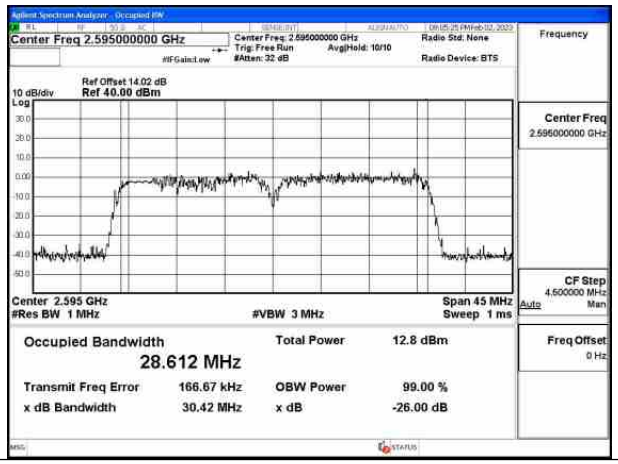


Fig.8

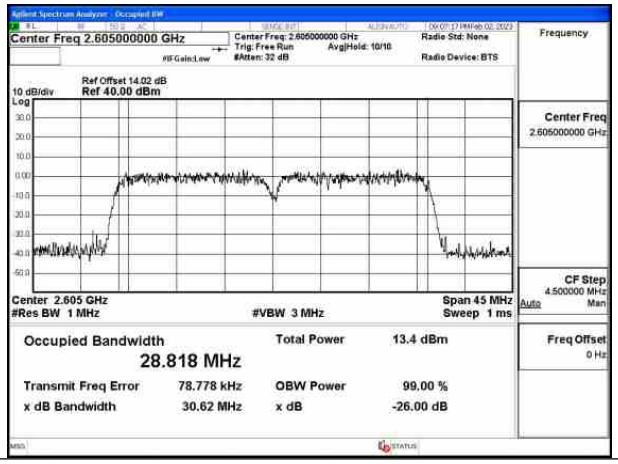


Fig.9

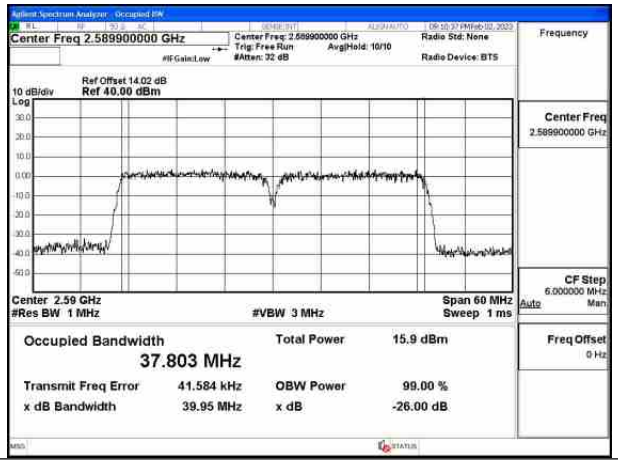


Fig.10

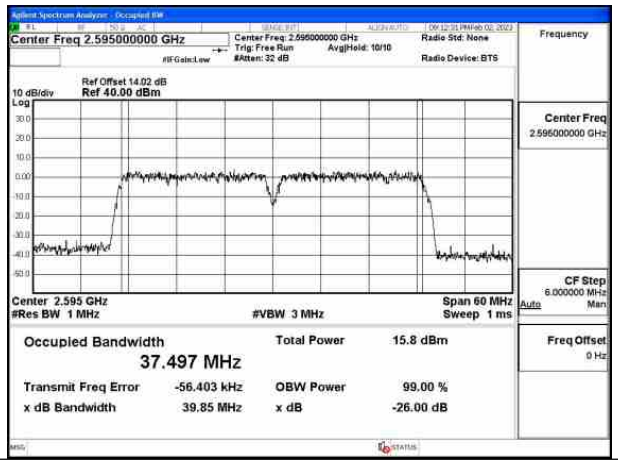


Fig.11

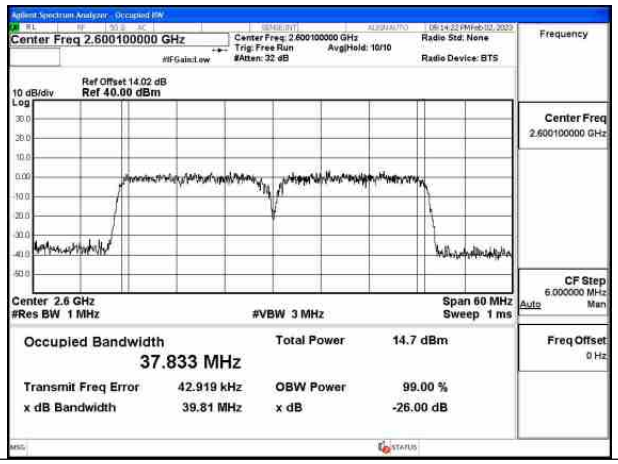


Fig.12

Test Mode: 64QAM

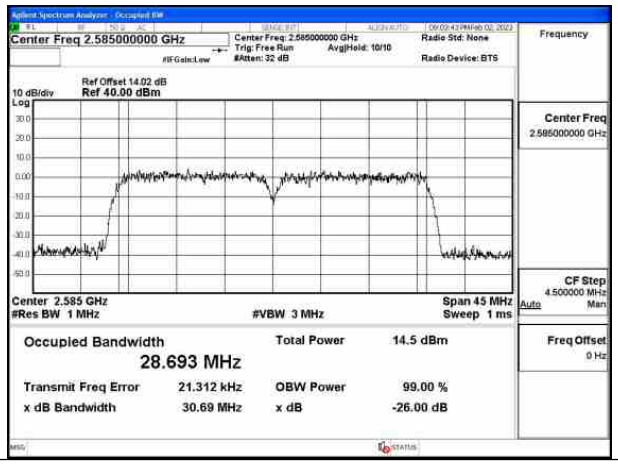


Fig.13

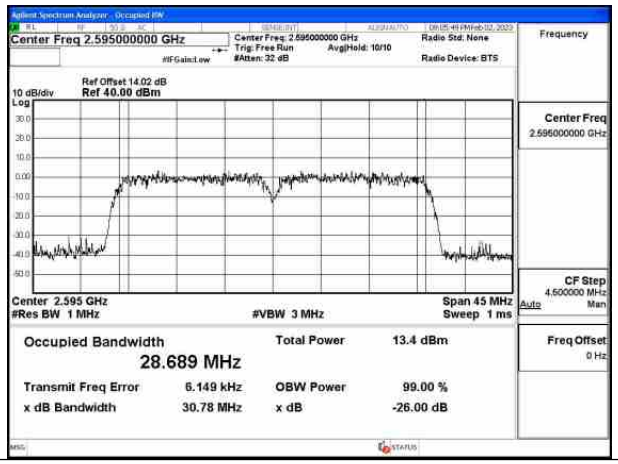


Fig.14

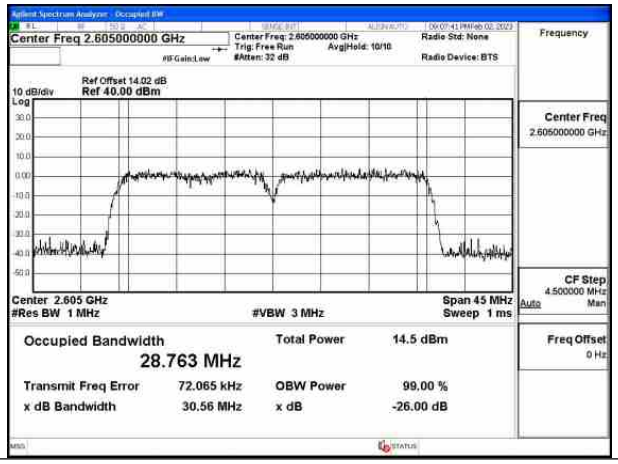


Fig.15

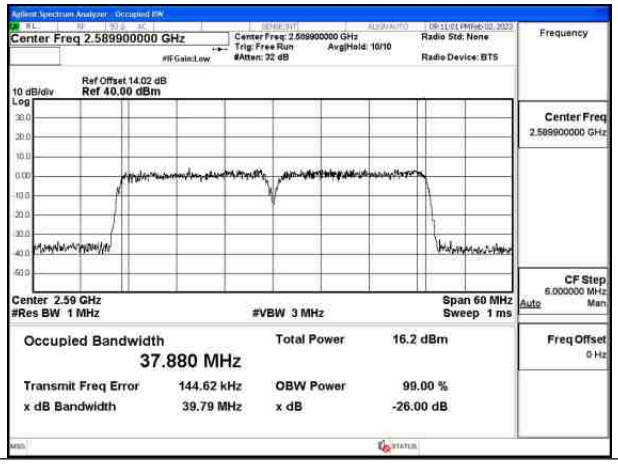


Fig.16

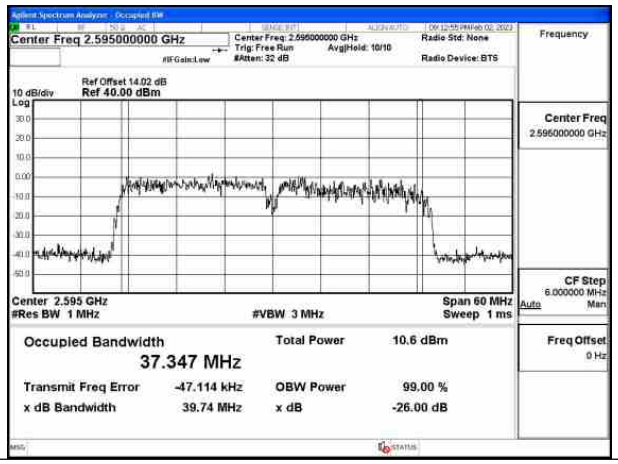


Fig.17

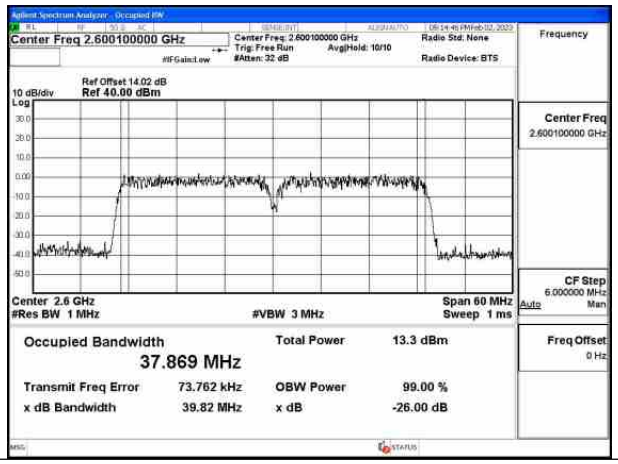


Fig.18

3 Emission Bandwidth

Aggregated BW	Modulation	PCC	SCC	Range	Channel	-26dB BW (MHz)	
15+15	QPSK	75@0	75@0	low	37825	30.610	Fig.1
15+15	QPSK	75@0	75@0	mid	37925	30.610	Fig.2
15+15	QPSK	75@0	75@0	high	38025	30.480	Fig.3
20+20	QPSK	100@0	100@0	low	37850	39.770	Fig.4
20+20	QPSK	100@0	100@0	mid	37901	39.840	Fig.5
20+20	QPSK	100@0	100@0	high	37952	39.880	Fig.6

Aggregated BW	Modulation	PCC	SCC	Range	Channel	-26dB BW (MHz)	
15+15	16QAM	75@0	75@0	low	37825	30.600	Fig.7
15+15	16QAM	75@0	75@0	mid	37925	30.420	Fig.8
15+15	16QAM	75@0	75@0	high	38025	30.620	Fig.9
20+20	16QAM	100@0	100@0	low	37850	39.950	Fig.10
20+20	16QAM	100@0	100@0	mid	37901	39.850	Fig.11
20+20	16QAM	100@0	100@0	high	37952	39.810	Fig.12

Aggregated BW	Modulation	PCC	SCC	Range	Channel	-26dB BW (MHz)	
15+15	64QAM	75@0	75@0	low	37825	30.690	Fig.13
15+15	64QAM	75@0	75@0	mid	37925	30.780	Fig.14
15+15	64QAM	75@0	75@0	high	38025	30.560	Fig.15
20+20	64QAM	100@0	100@0	low	37850	39.790	Fig.16
20+20	64QAM	100@0	100@0	mid	37901	39.740	Fig.17
20+20	64QAM	100@0	100@0	high	37952	39.820	Fig.18

Test Mode: QPSK

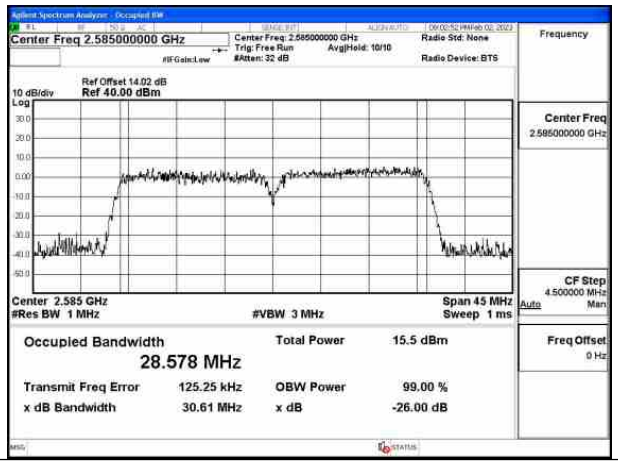


Fig.1

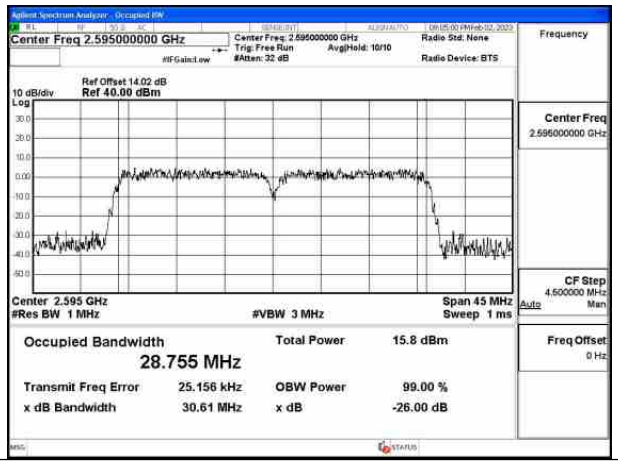


Fig.2

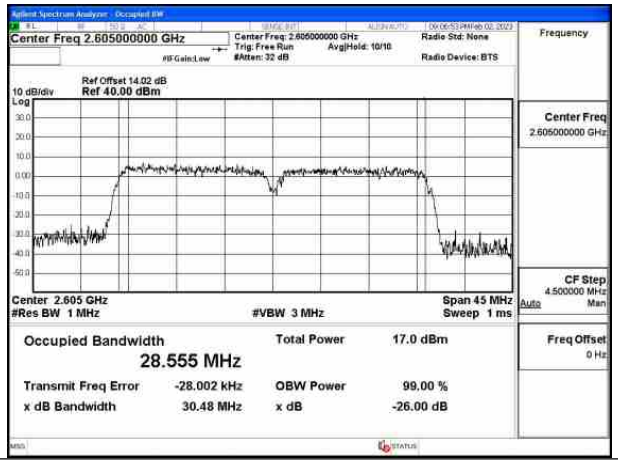


Fig.3

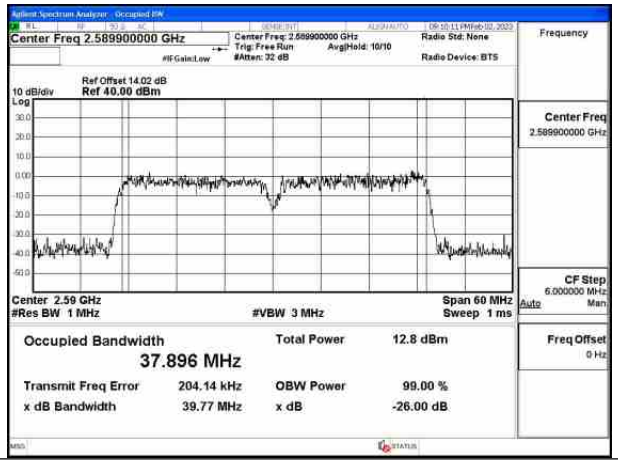


Fig.4

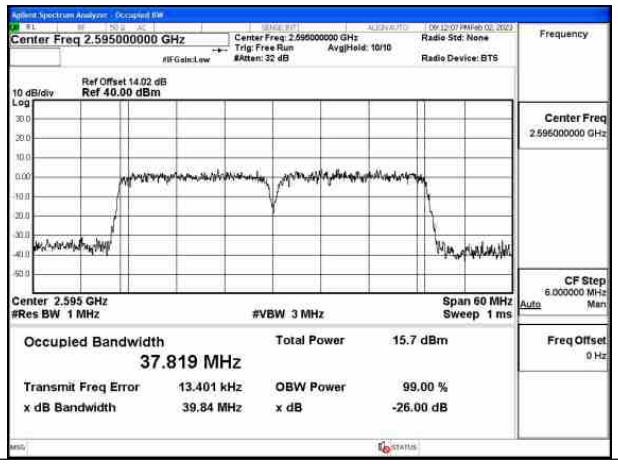


Fig.5

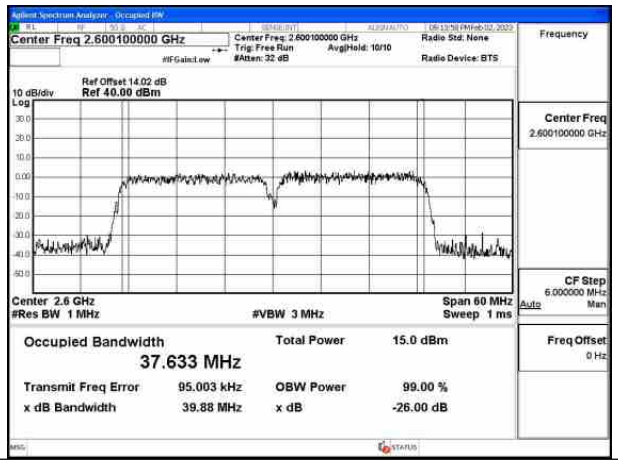


Fig.6

Test Mode: 16QAM

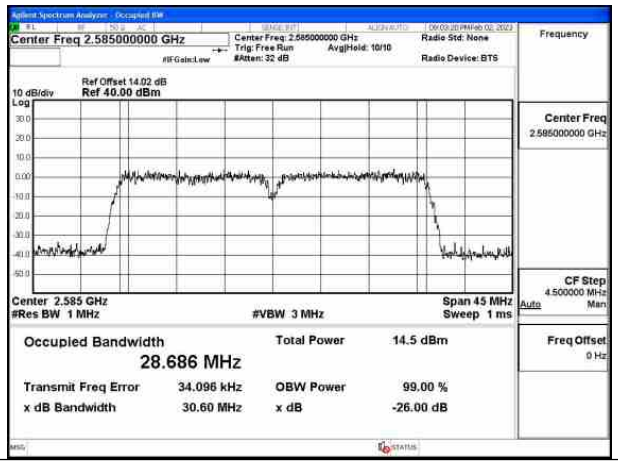


Fig.7

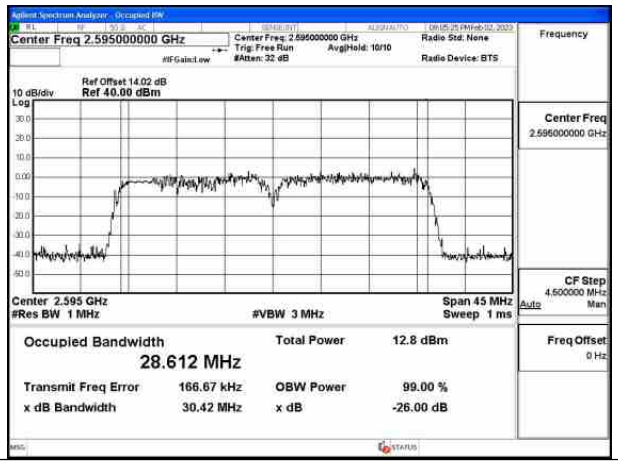


Fig.8

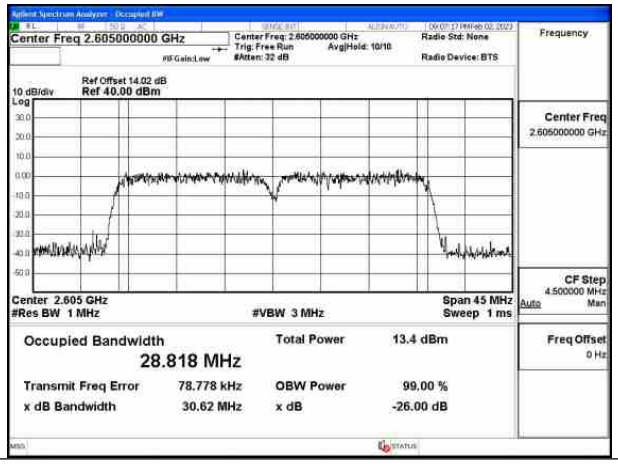


Fig.9

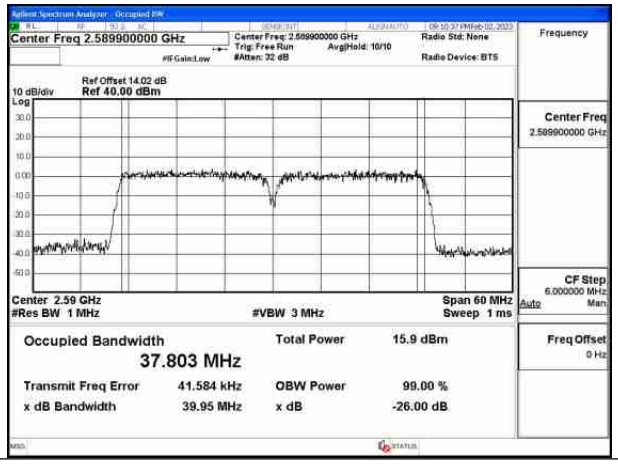


Fig.10

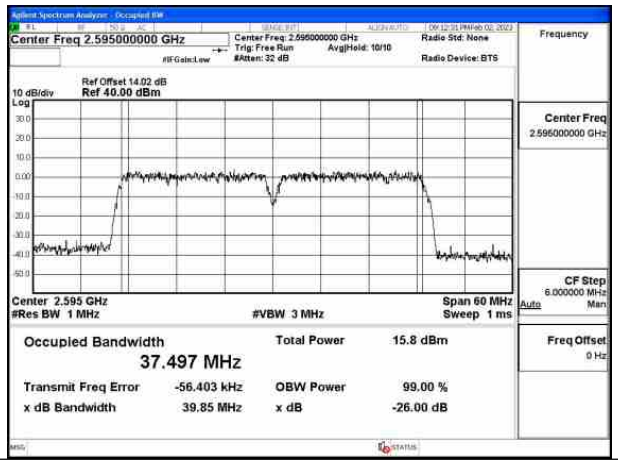


Fig.11

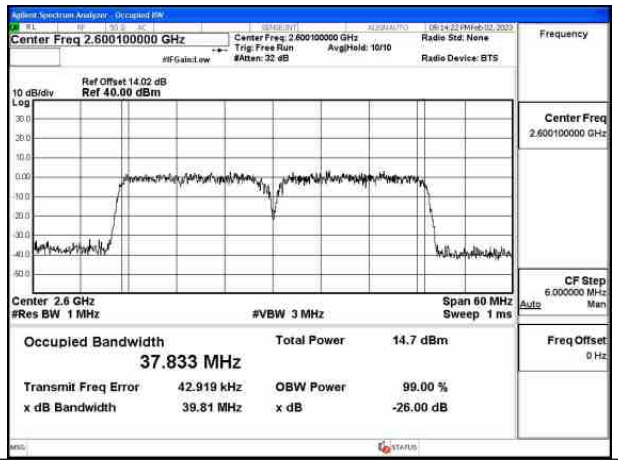


Fig.12

Test Mode: 64QAM

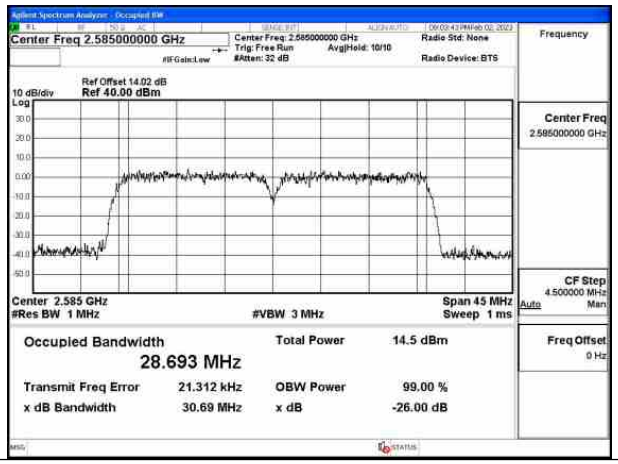


Fig.13

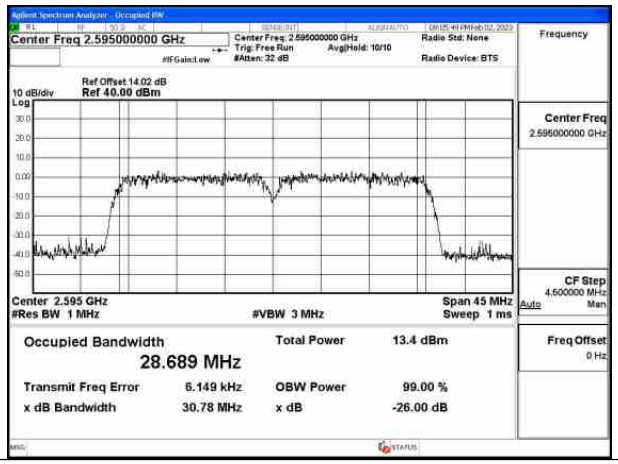


Fig.14

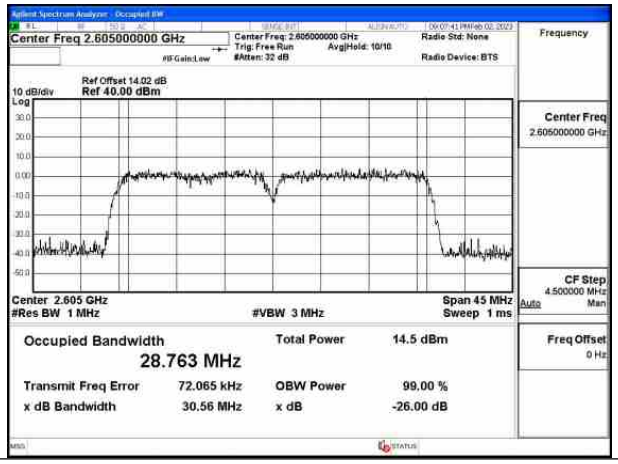


Fig.15

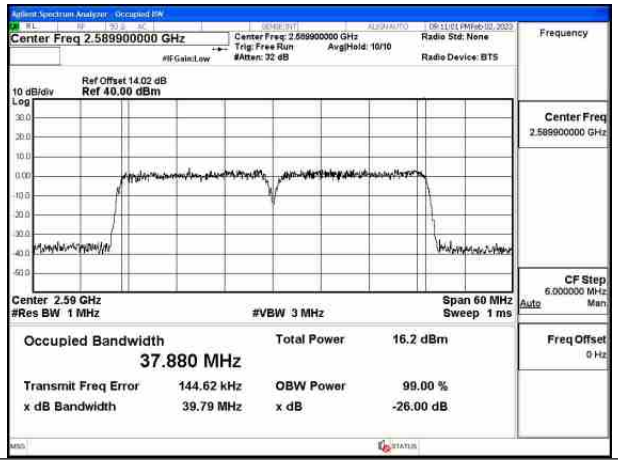


Fig.16

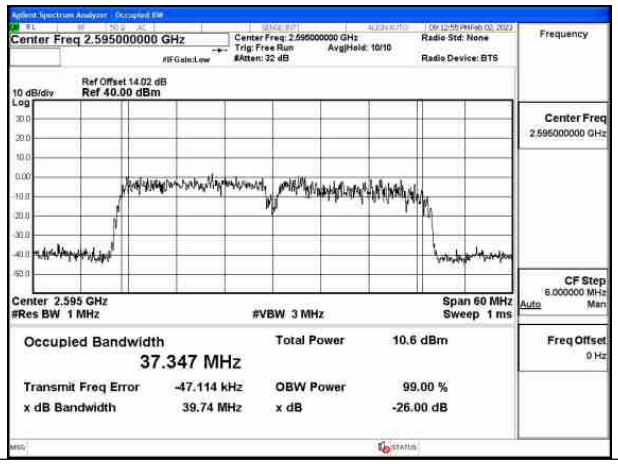


Fig.17

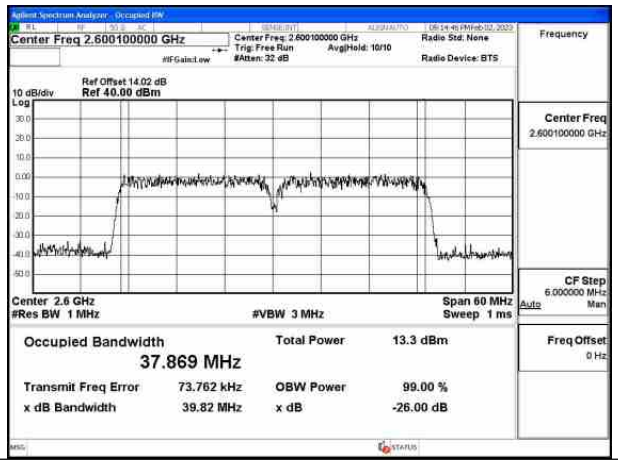


Fig.18

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

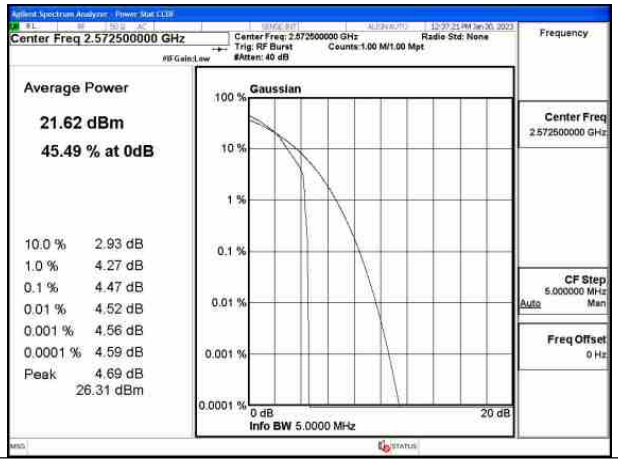


Fig.1

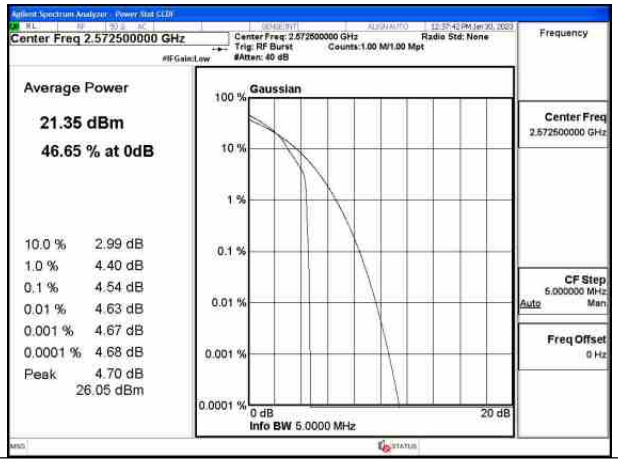


Fig.2

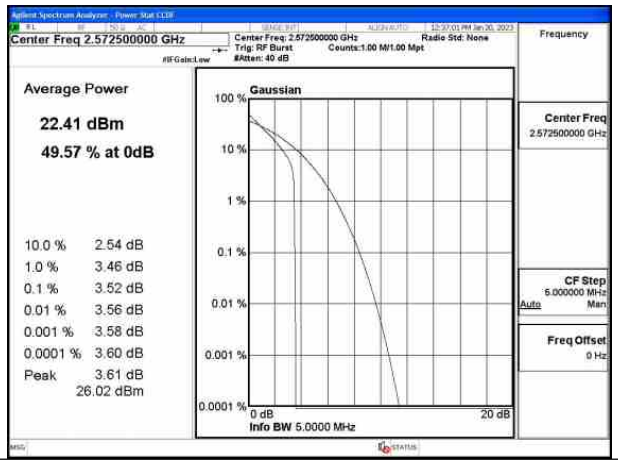


Fig.3

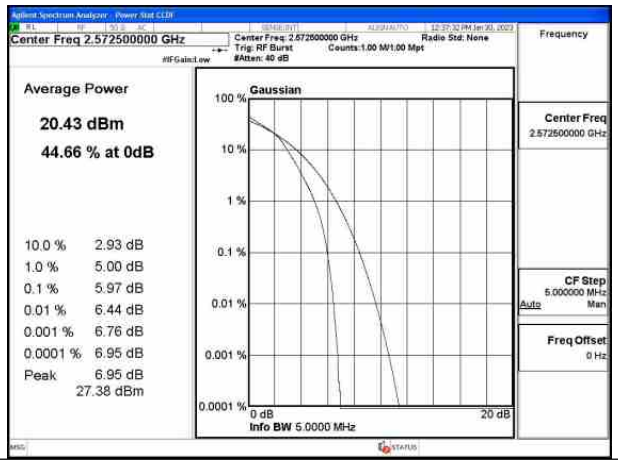


Fig.4

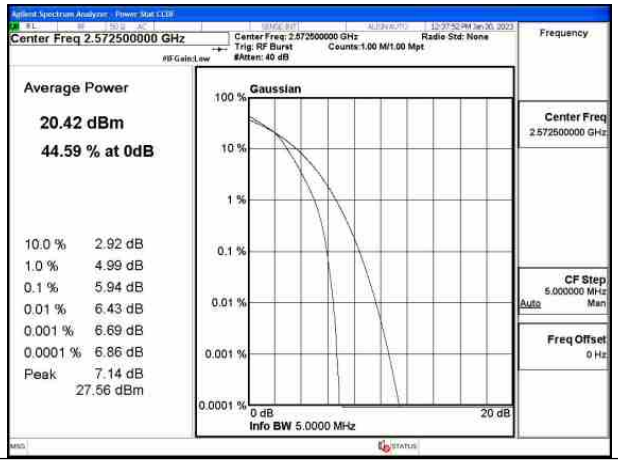


Fig.5

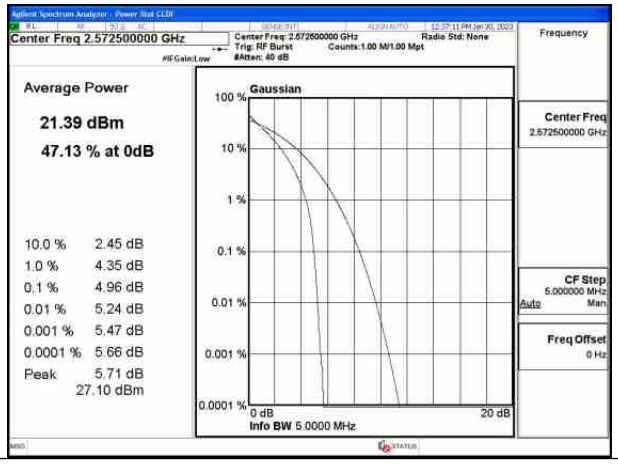


Fig.6

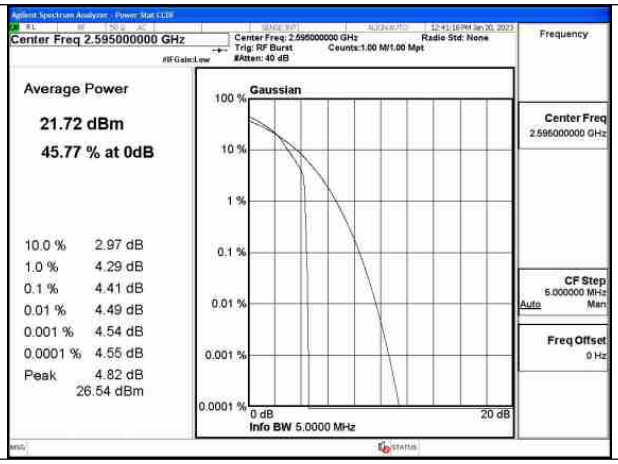


Fig.7

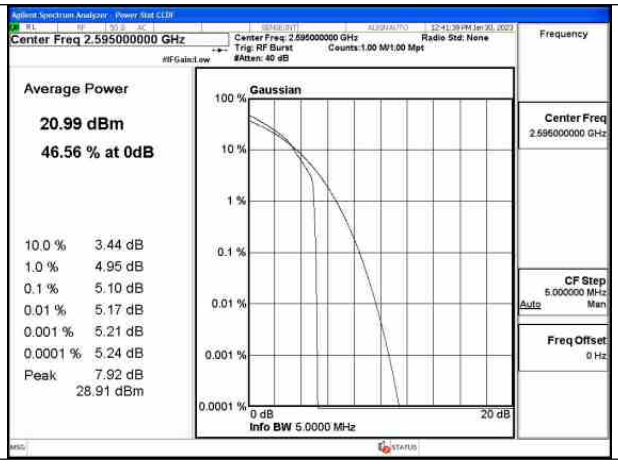


Fig.8

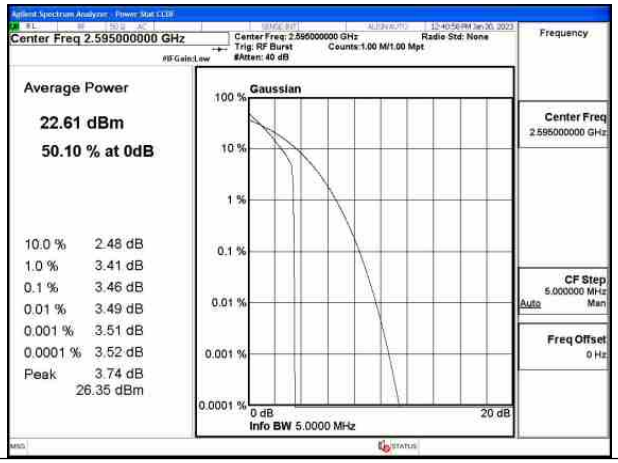


Fig.9

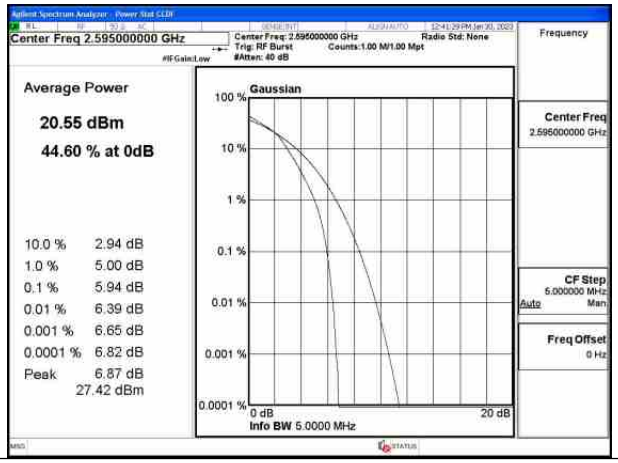


Fig.10

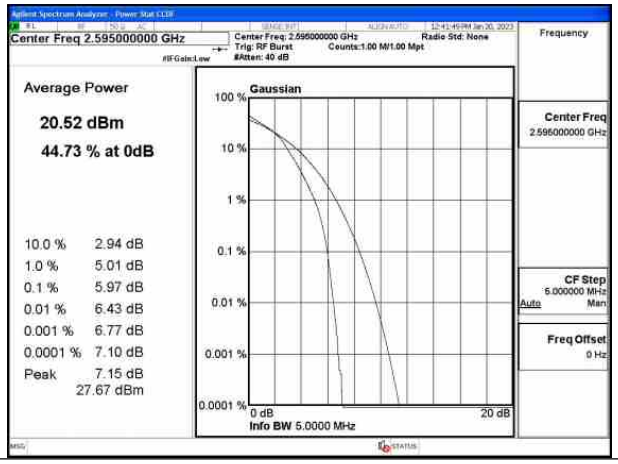


Fig.11

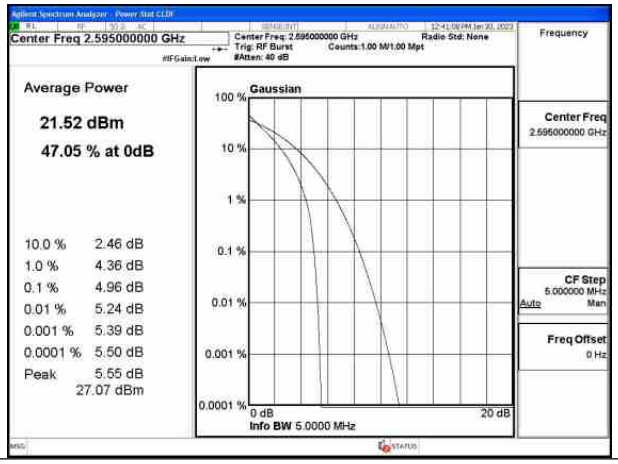


Fig.12

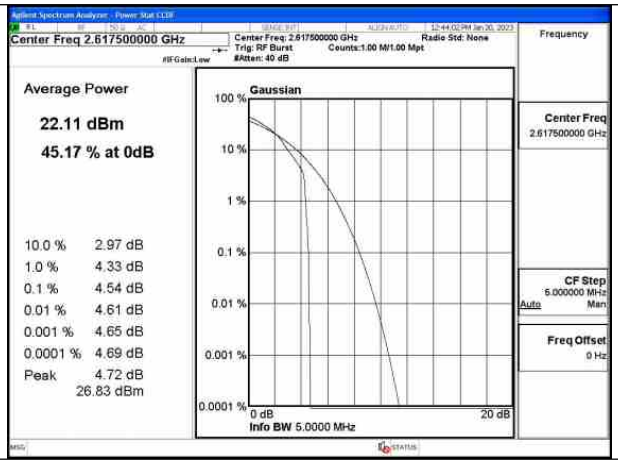


Fig.13

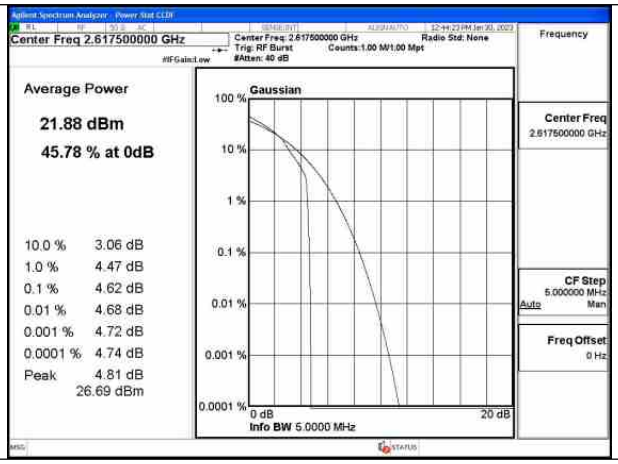


Fig.14

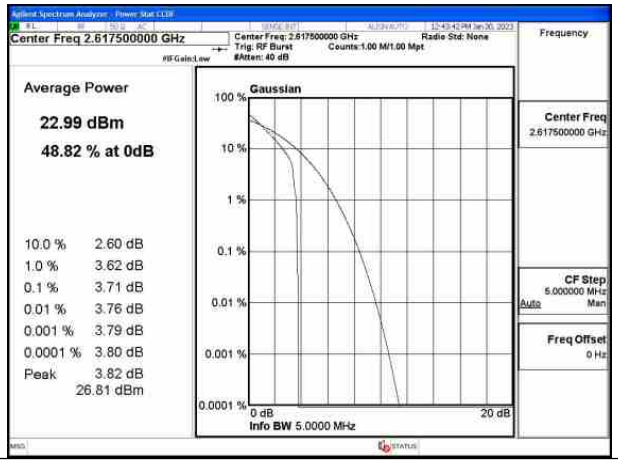


Fig.15

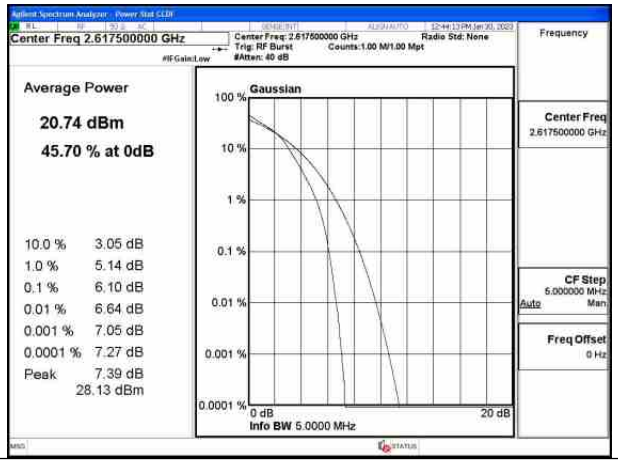


Fig.16

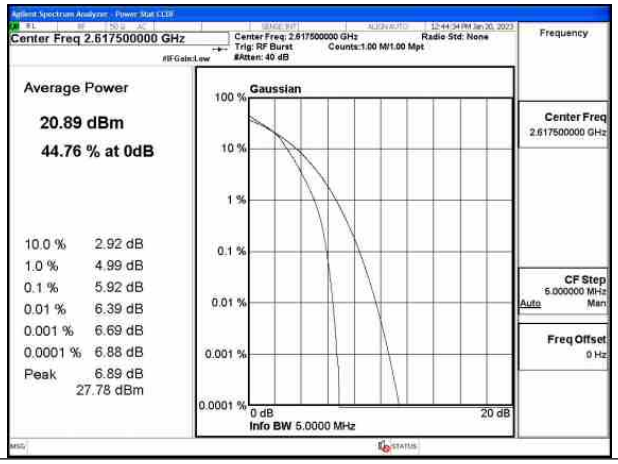


Fig.17

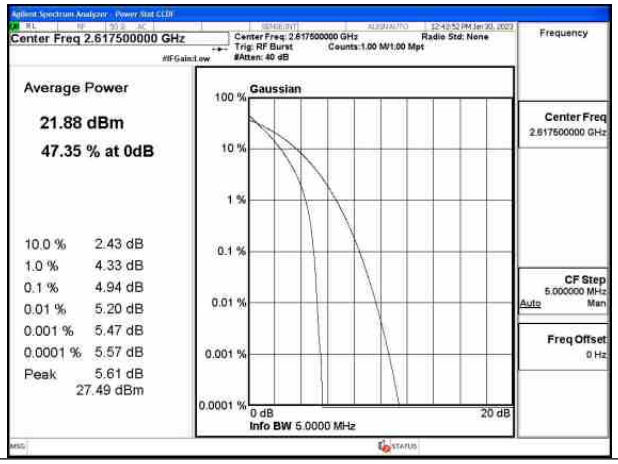


Fig.18

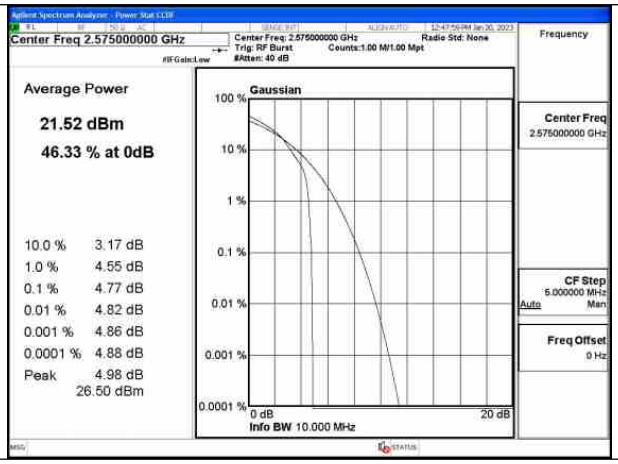
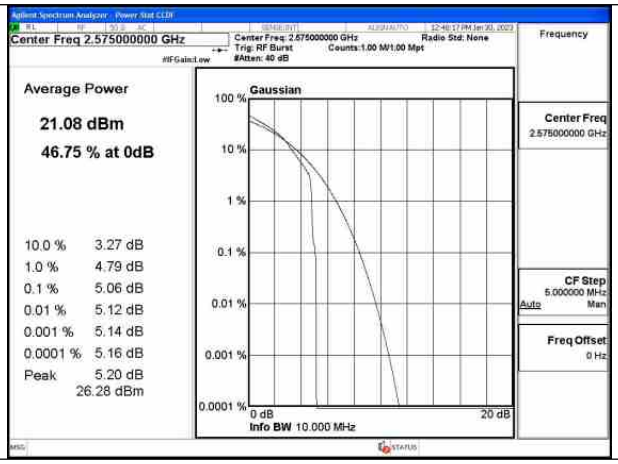


Fig.19



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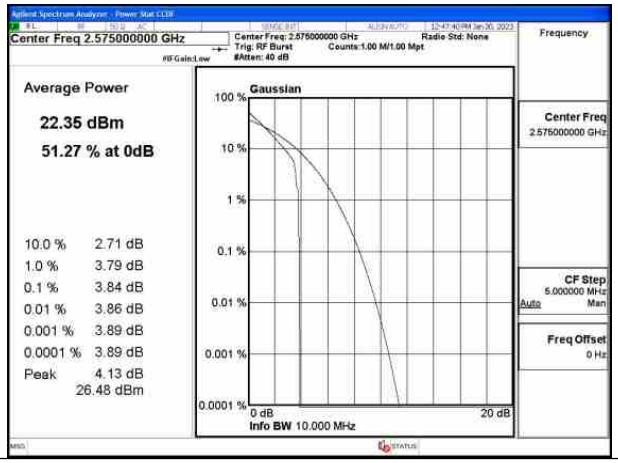

Fig.21

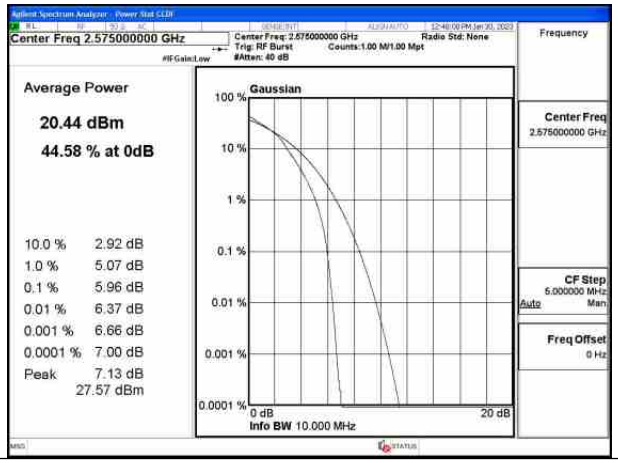

Fig.22

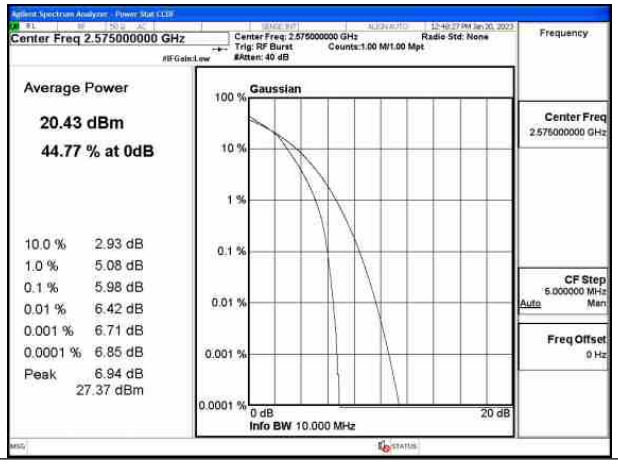

Fig.23

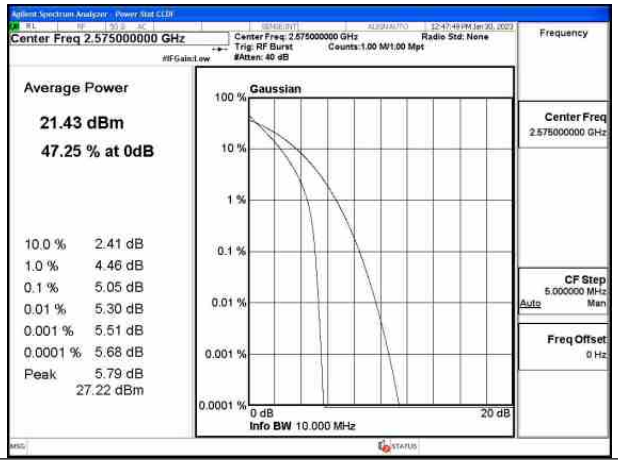

Fig.24

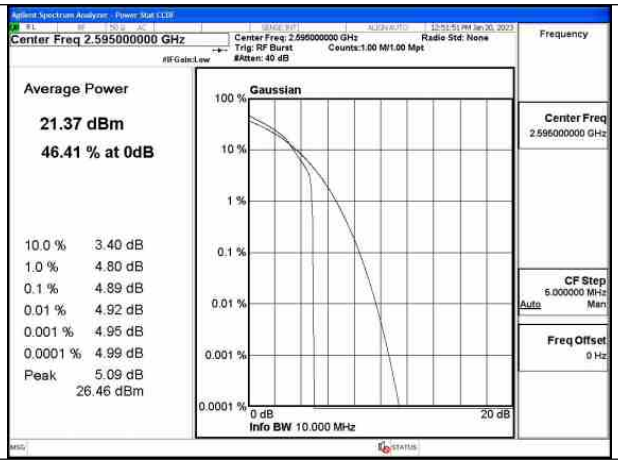

Fig.25

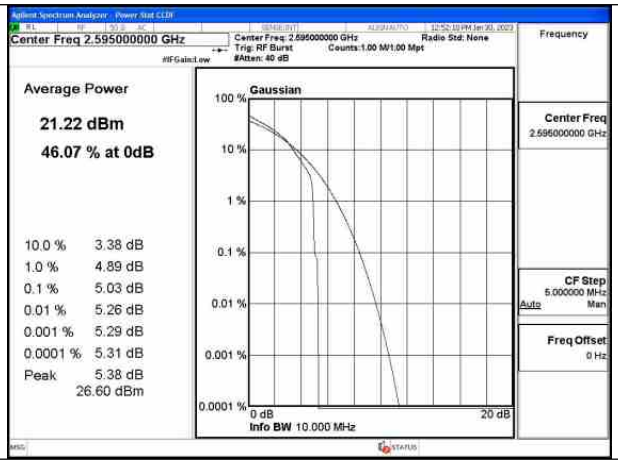

Fig.26

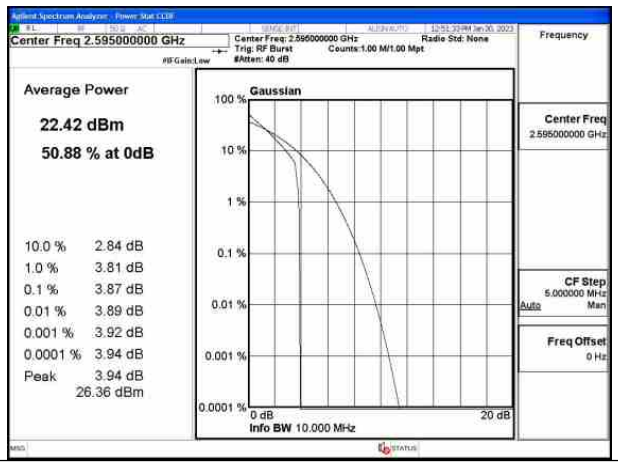

Fig.27

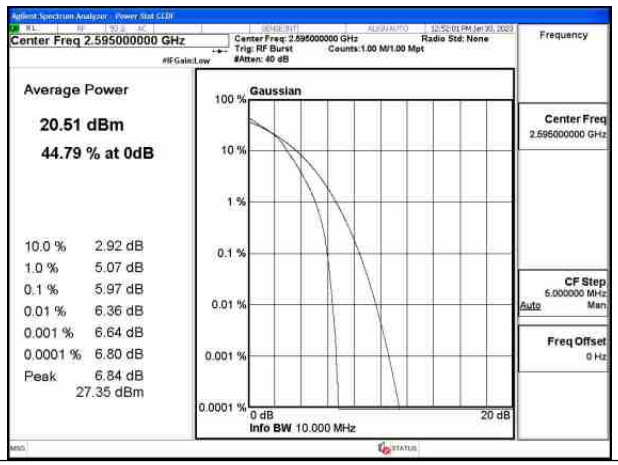

Fig.28

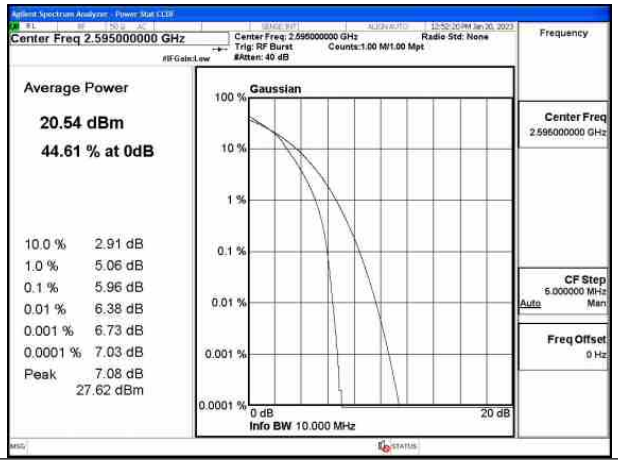

Fig.29

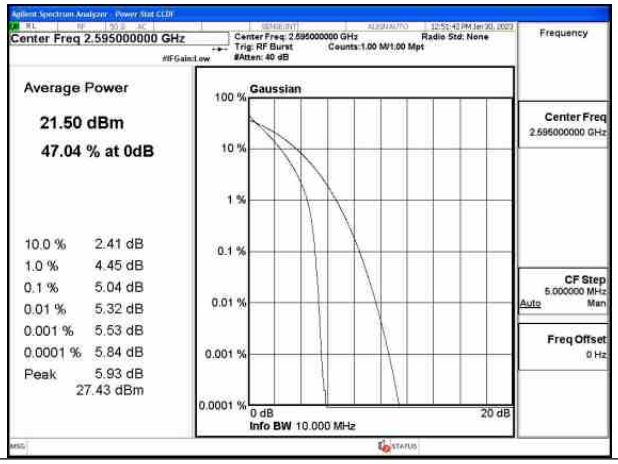

Fig.30

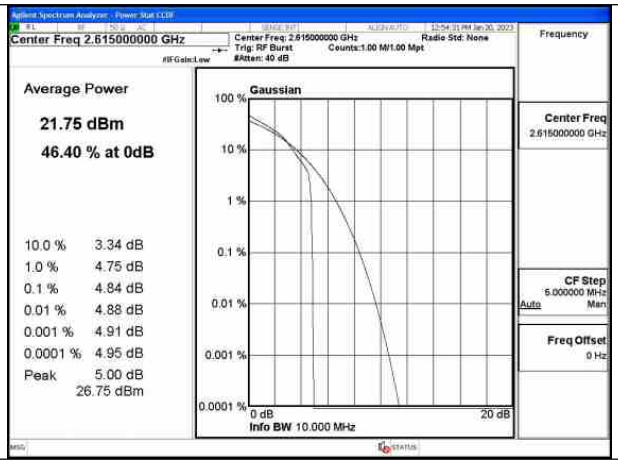

Fig.31

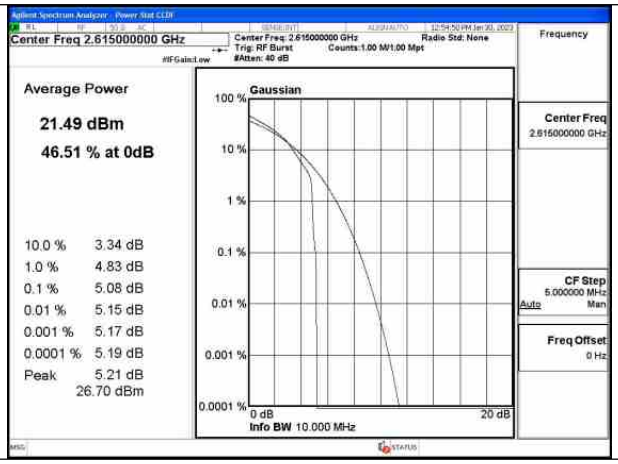

Fig.32

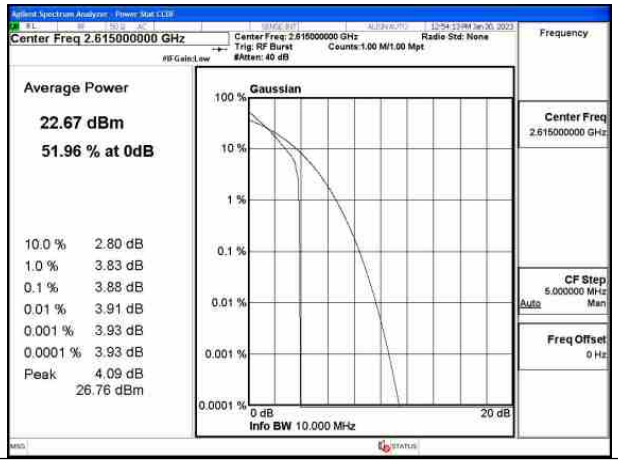

Fig.33

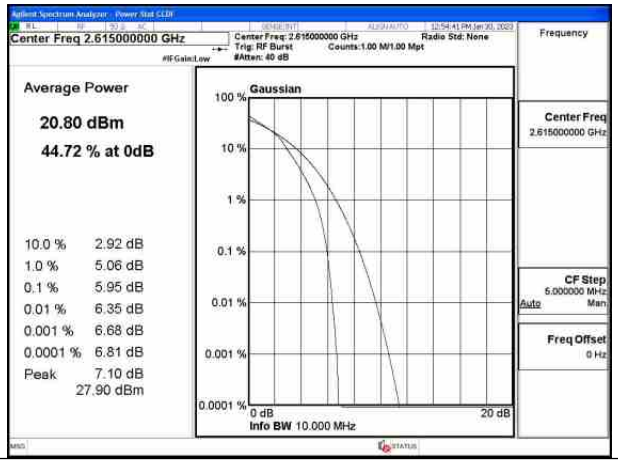

Fig.34

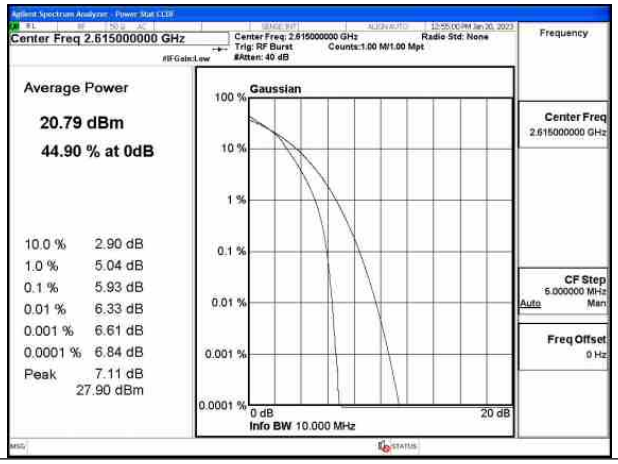

Fig.35

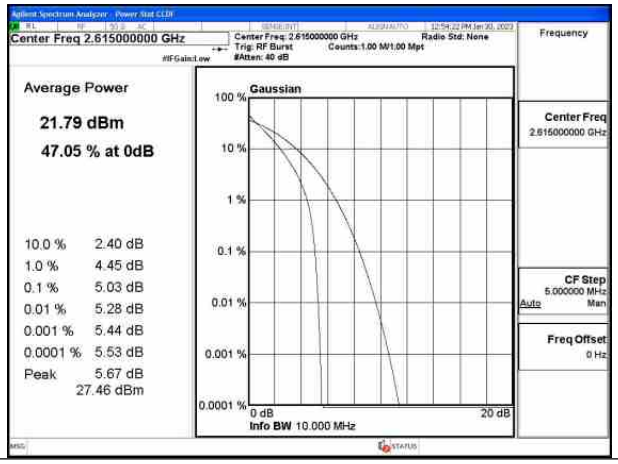

Fig.36

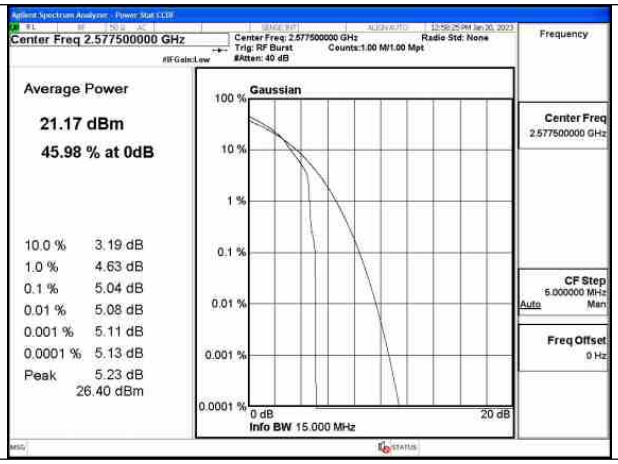

Fig.37

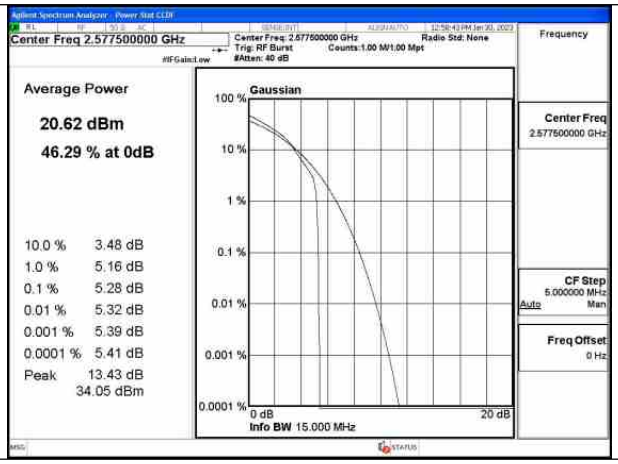

Fig.38

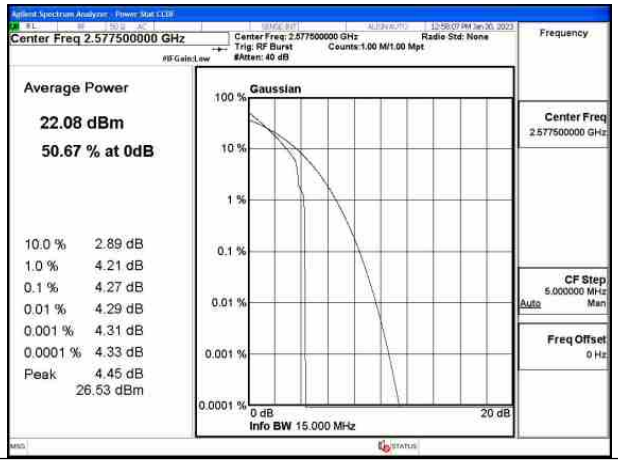

Fig.39

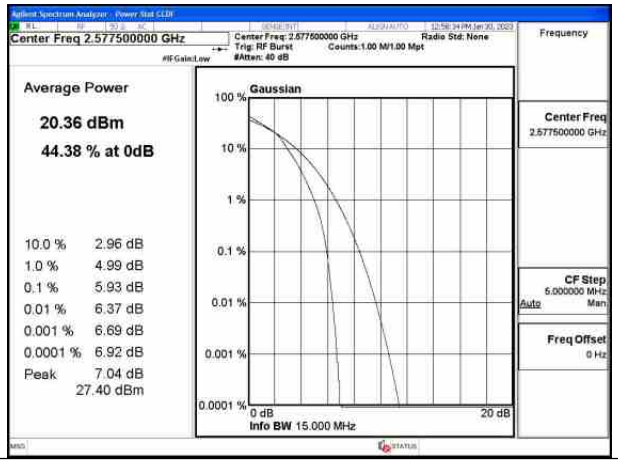

Fig.40

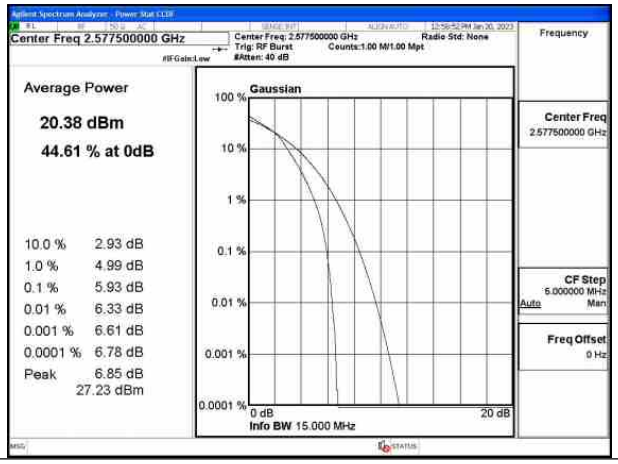

Fig.41

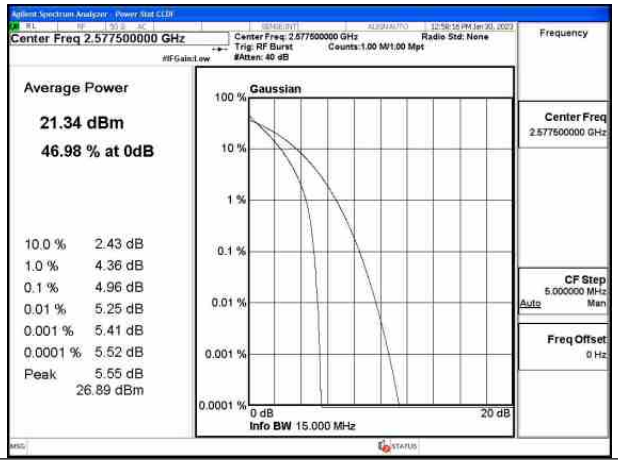

Fig.42

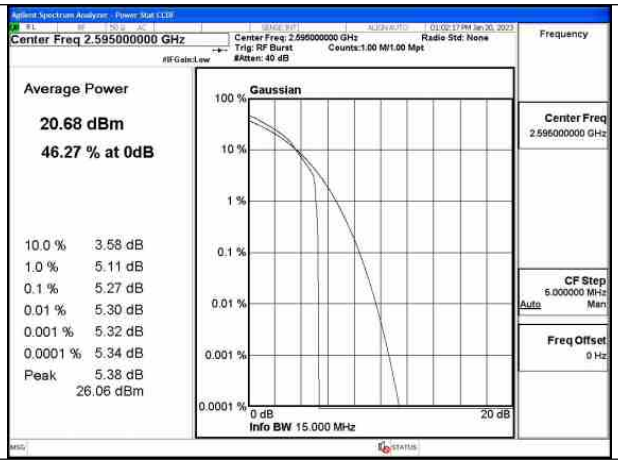

Fig.43

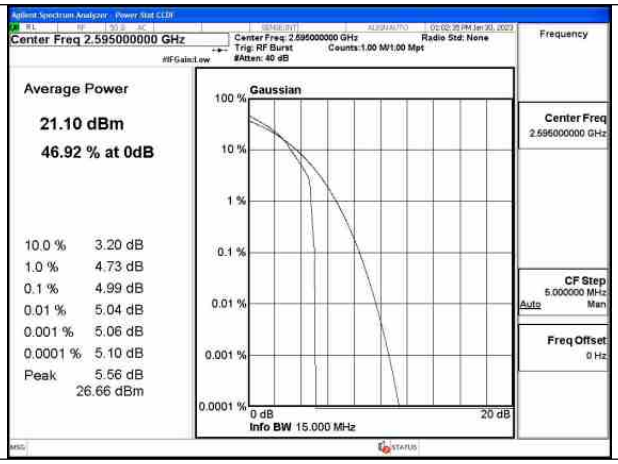

Fig.44

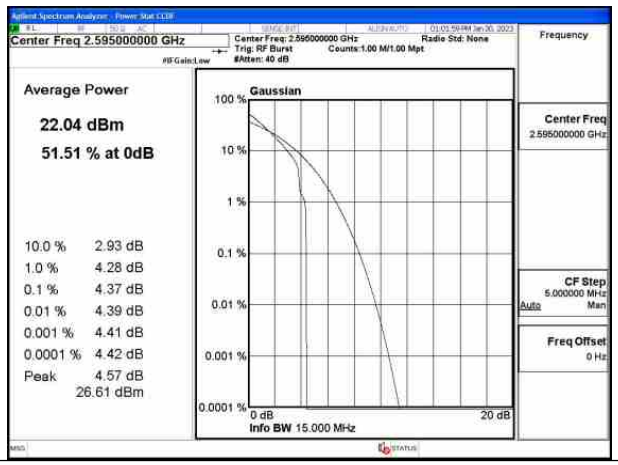

Fig.45

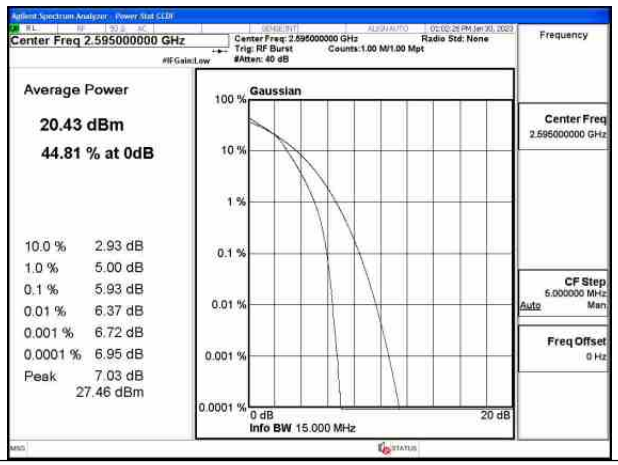

Fig.46

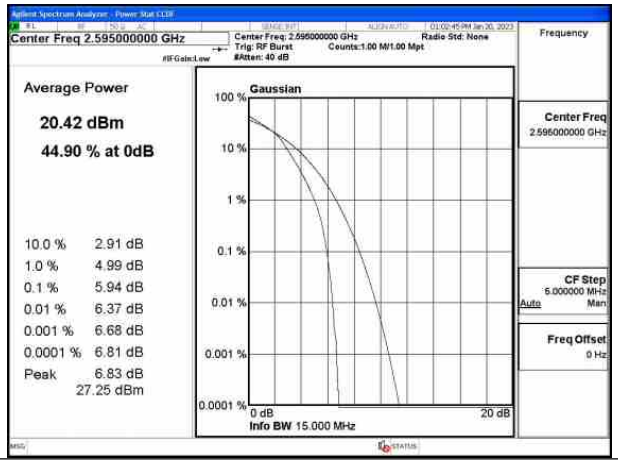

Fig.47

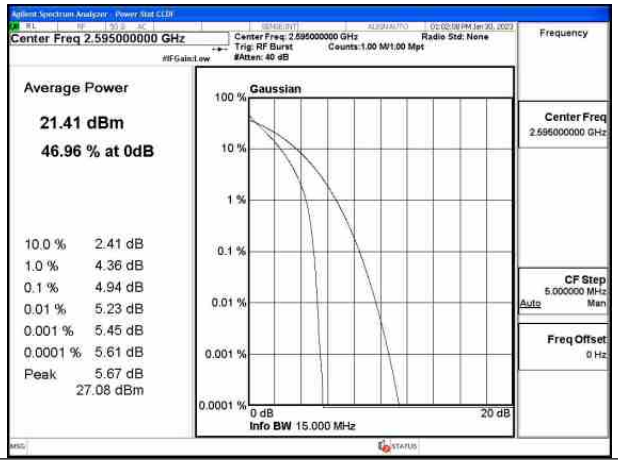

Fig.48

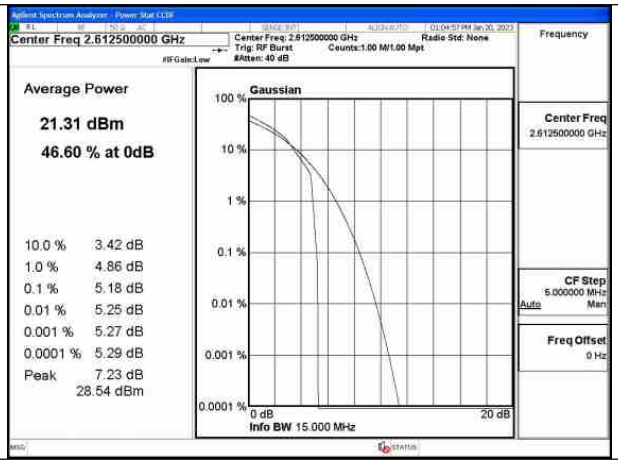

Fig.49

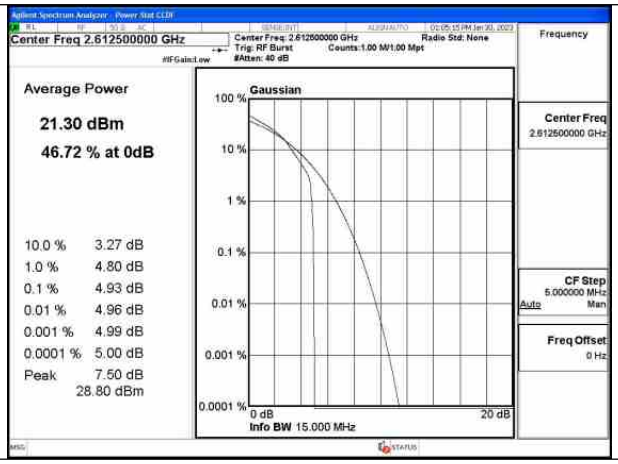

Fig.50

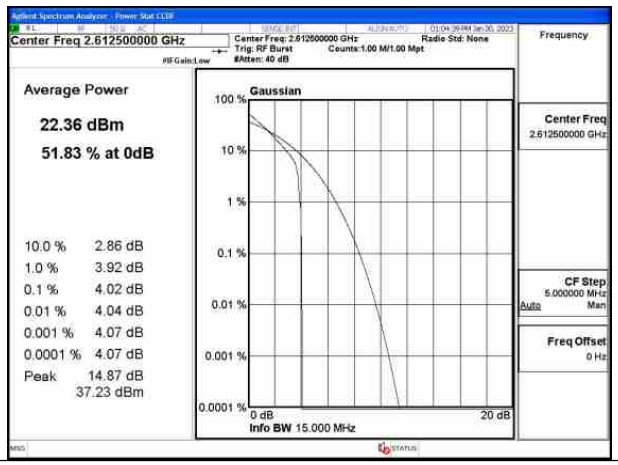

Fig.51

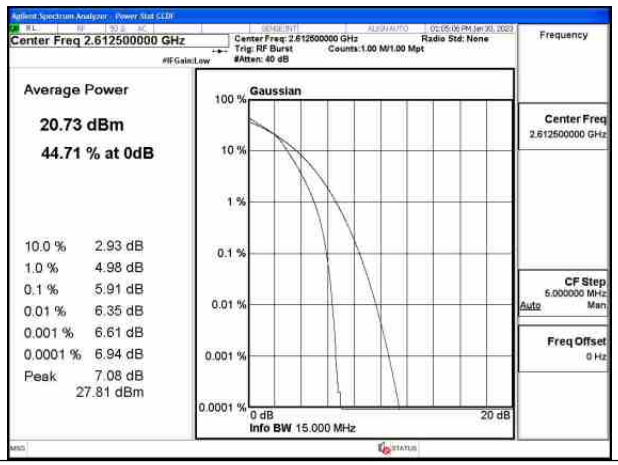

Fig.52

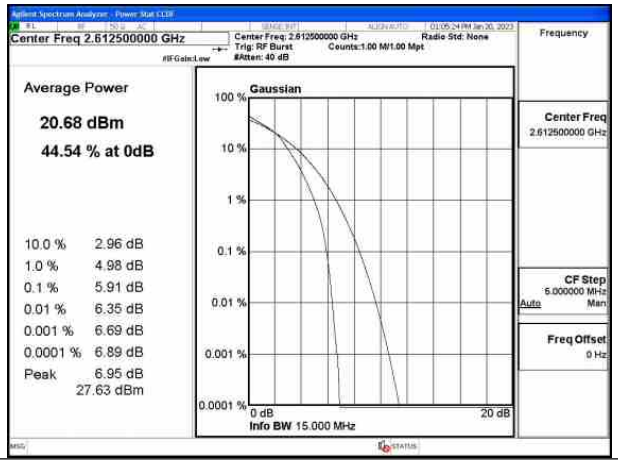

Fig.53

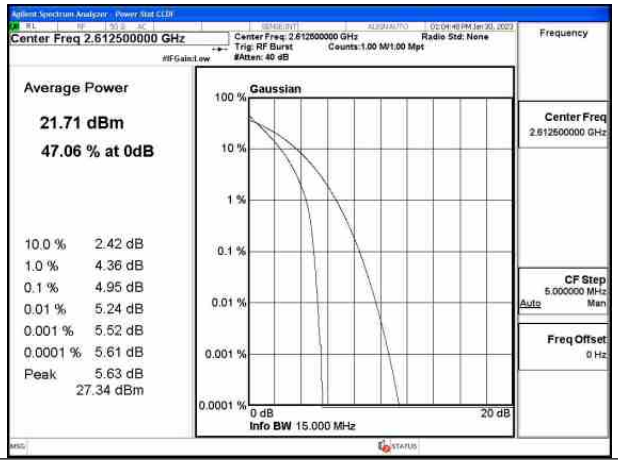

Fig.54

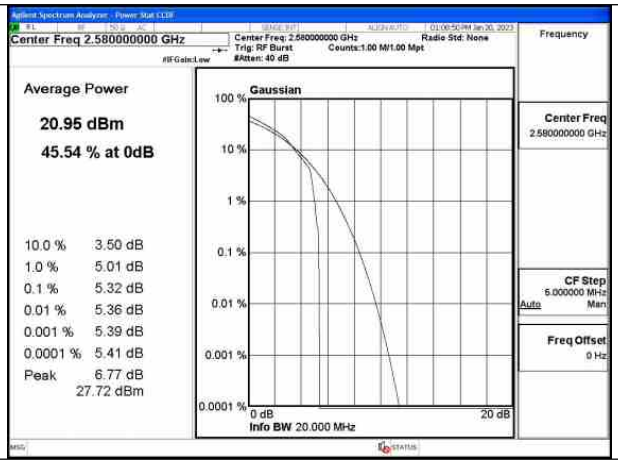

Fig.55

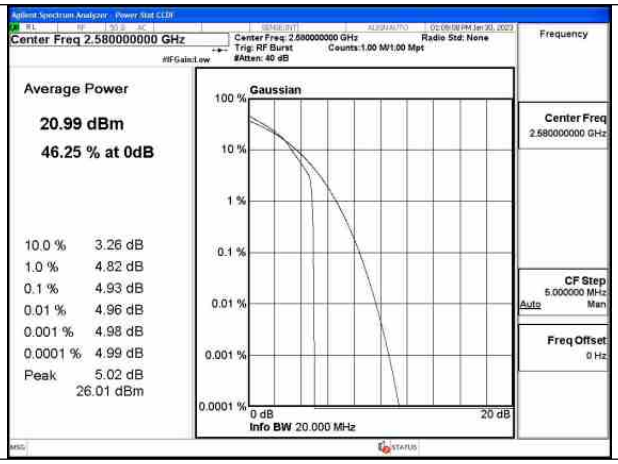

Fig.56

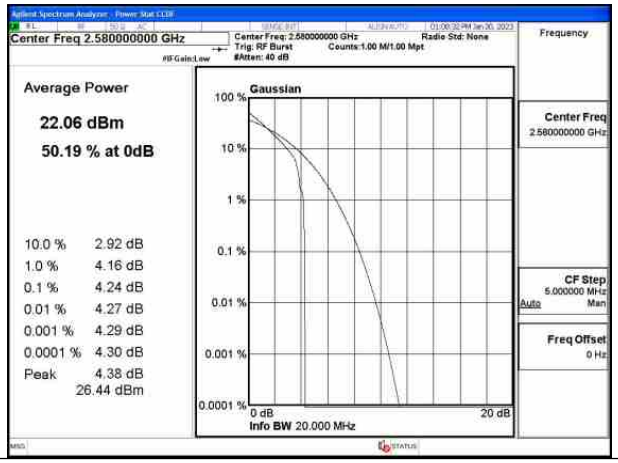

Fig.57

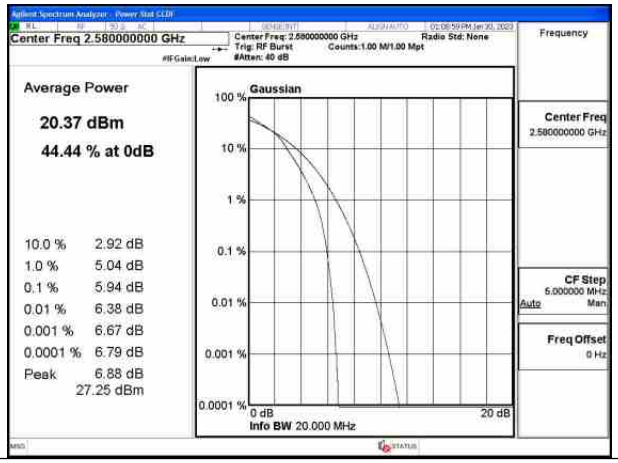

Fig.58

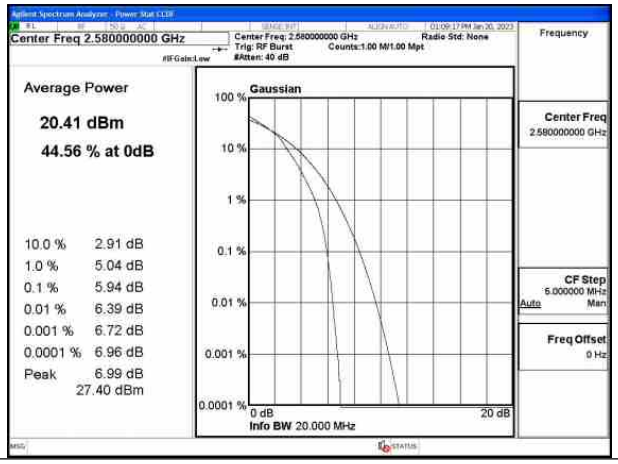

Fig.59

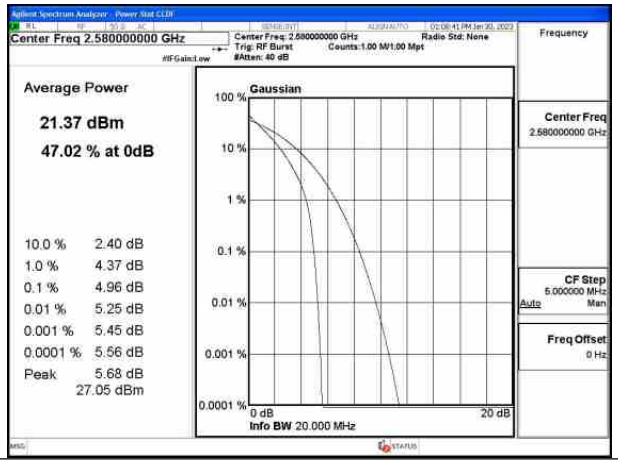

Fig.60

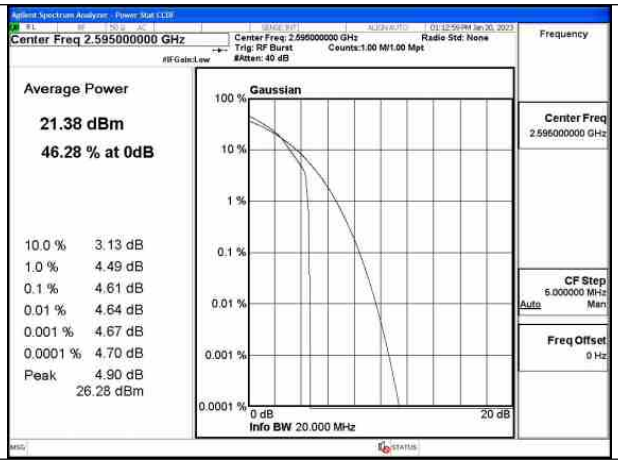

Fig.61

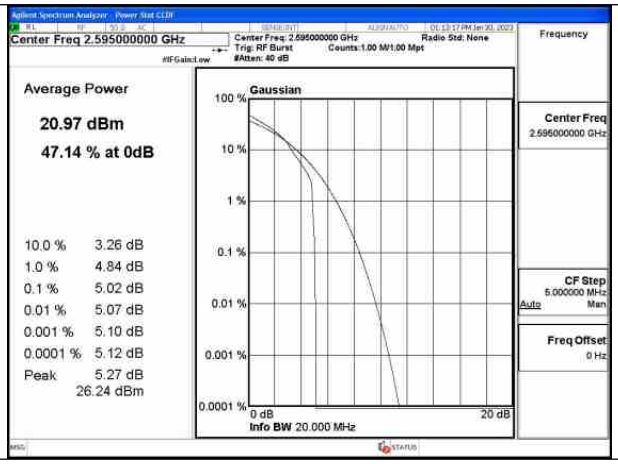

Fig.62

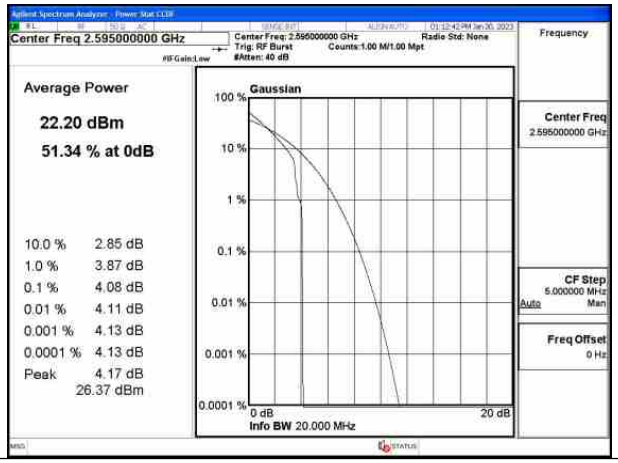

Fig.63

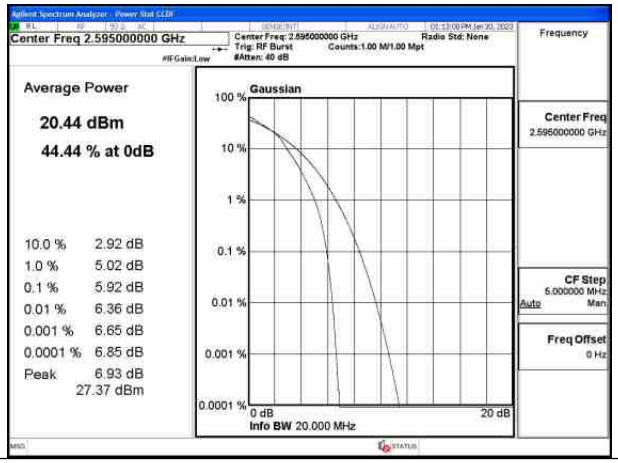

Fig.64

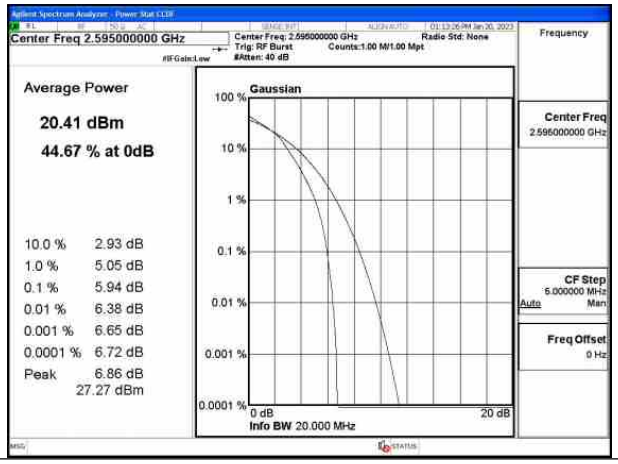

Fig.65

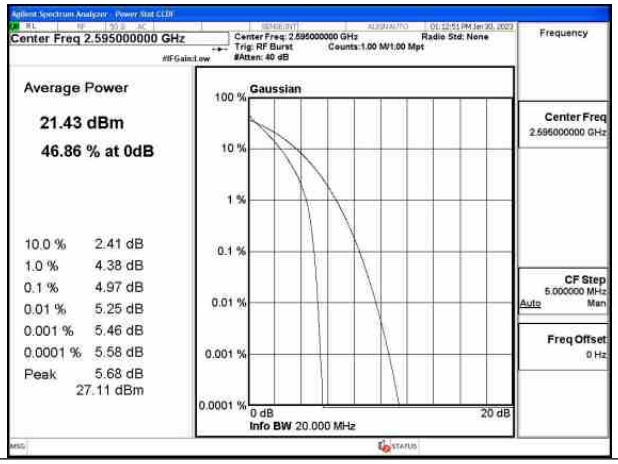

Fig.66

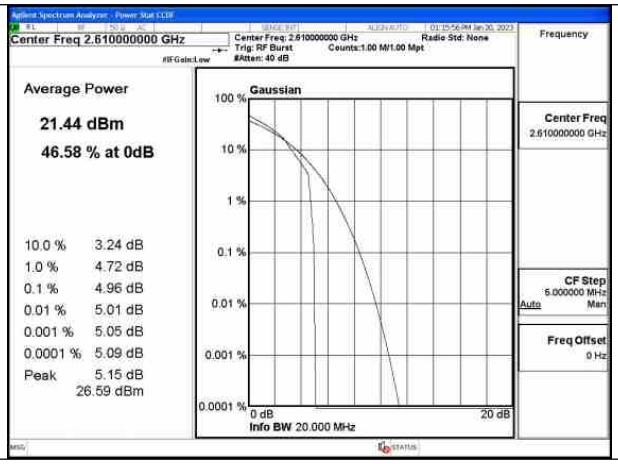

Fig.67

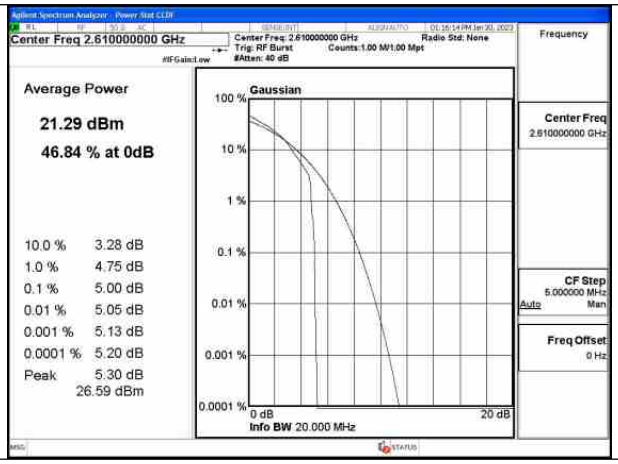

Fig.68

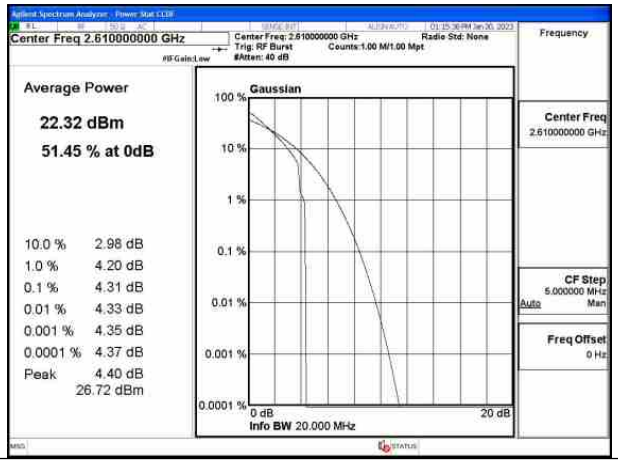

Fig.69

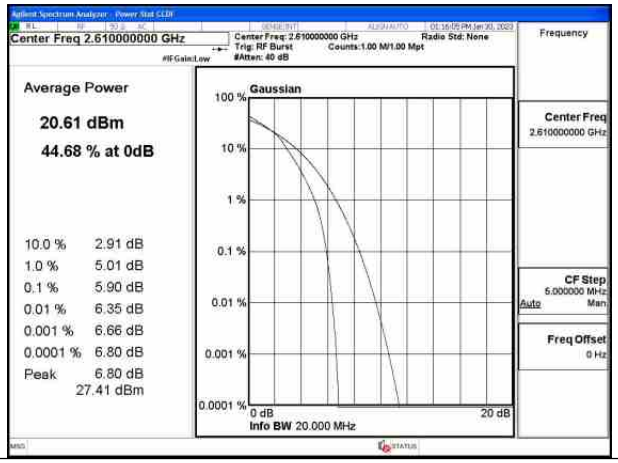

Fig.70

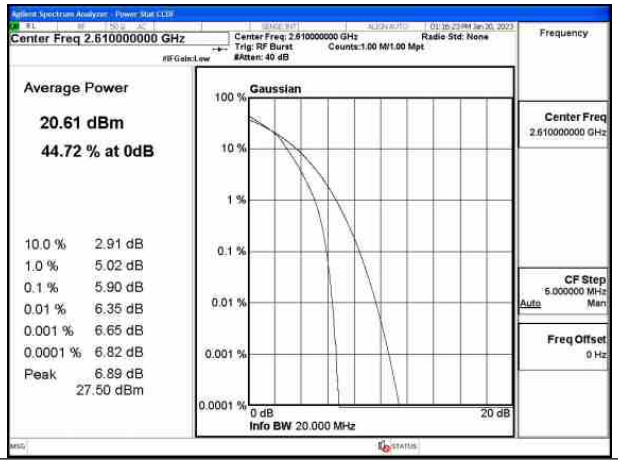

Fig.71

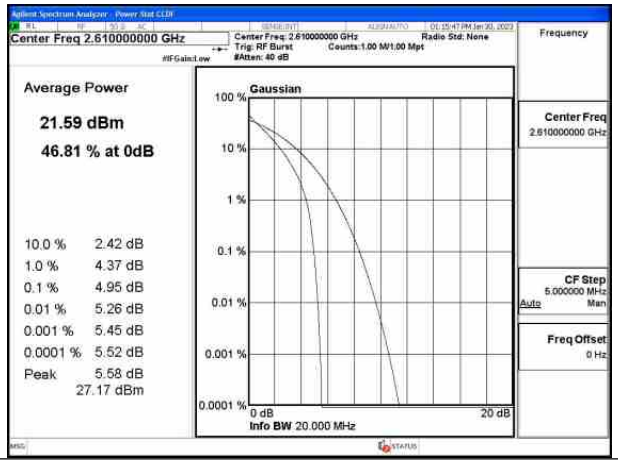

Fig.72

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	256-QAM
38	2572.5	37775	5	1	24	Fig.1
38	2572.5	37775	5	25	0	Fig.2
38	2595	38000	5	1	24	Fig.3
38	2595	38000	5	25	0	Fig.4
38	2617.5	38225	5	1	24	Fig.5
38	2617.5	38225	5	25	0	Fig.6
38	2575	37800	10	1	49	Fig.7
38	2575	37800	10	50	0	Fig.8
38	2595	38000	10	1	49	Fig.9
38	2595	38000	10	50	0	Fig.10
38	2615	38200	10	1	49	Fig.11
38	2615	38200	10	50	0	Fig.12
38	2577.5	37825	15	1	74	Fig.13
38	2577.5	37825	15	75	0	Fig.14
38	2595	38000	15	1	74	Fig.15
38	2595	38000	15	75	0	Fig.16
38	2612.5	38175	15	1	74	Fig.17
38	2612.5	38175	15	75	0	Fig.18
38	2580	37850	20	1	99	Fig.19
38	2580	37850	20	100	0	Fig.20
38	2595	38000	20	1	99	Fig.21
38	2595	38000	20	100	0	Fig.22
38	2610	38150	20	1	99	Fig.23
38	2610	38150	20	100	0	Fig.24

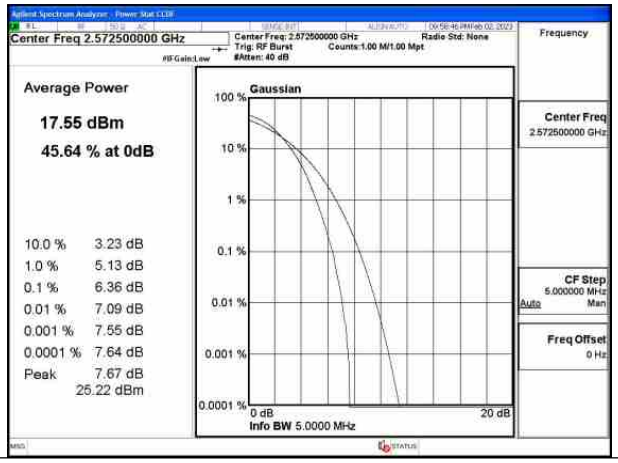

Fig.1

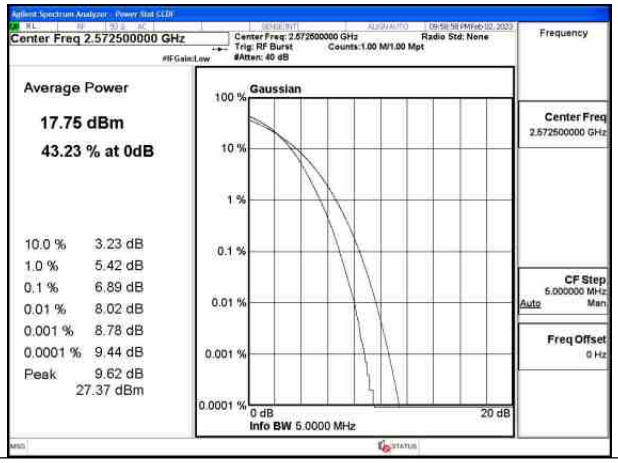

Fig.2

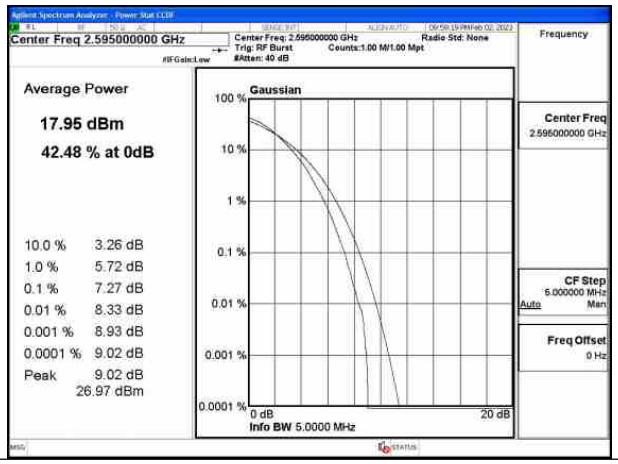

Fig.3

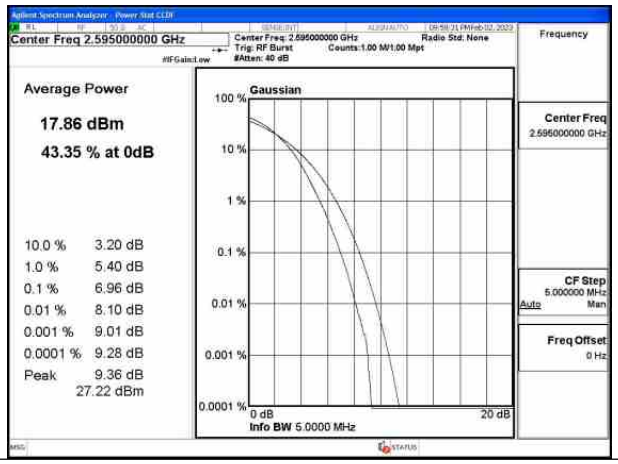

Fig.4

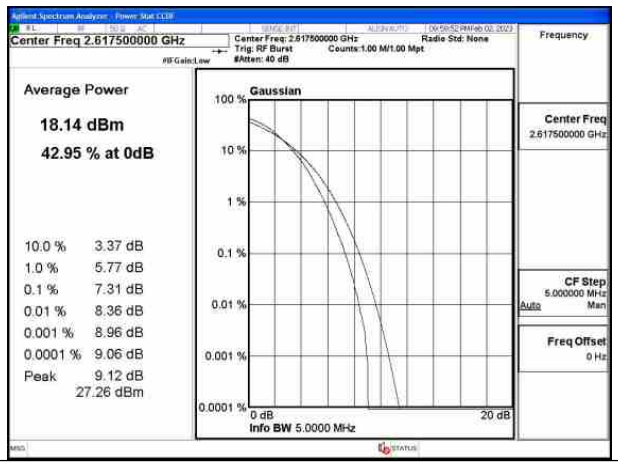

Fig.5

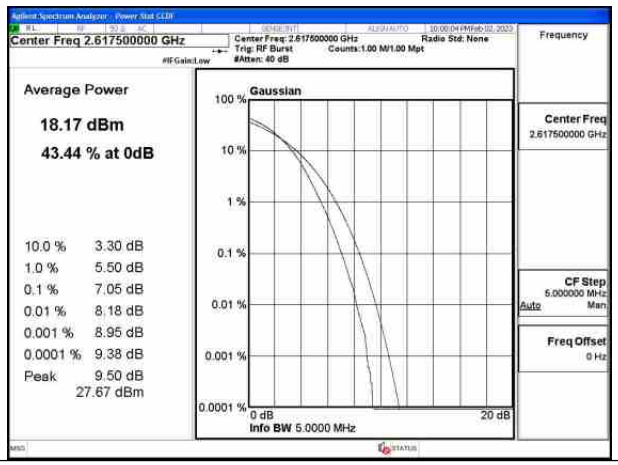

Fig.6

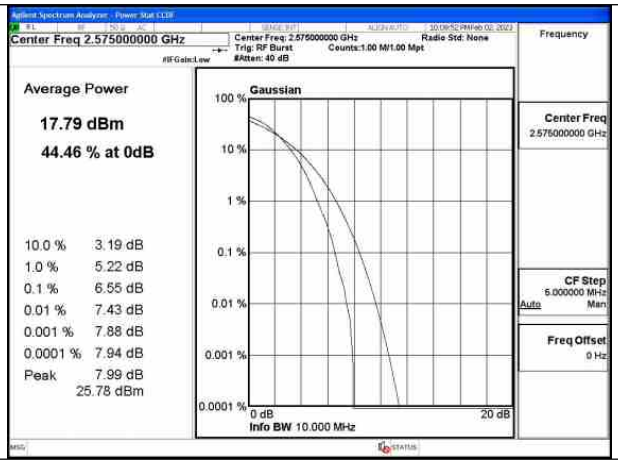

Fig.7

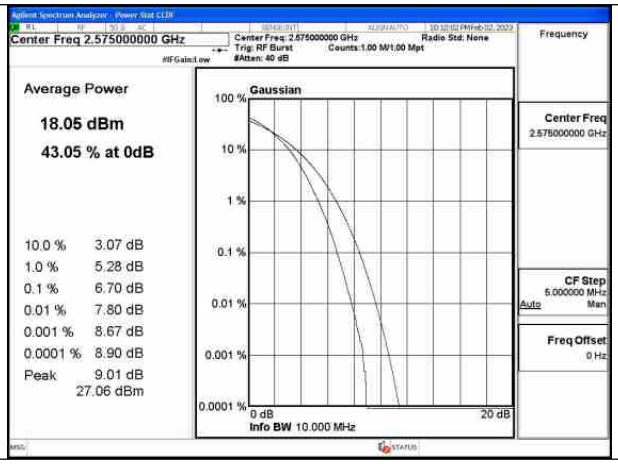

Fig.8

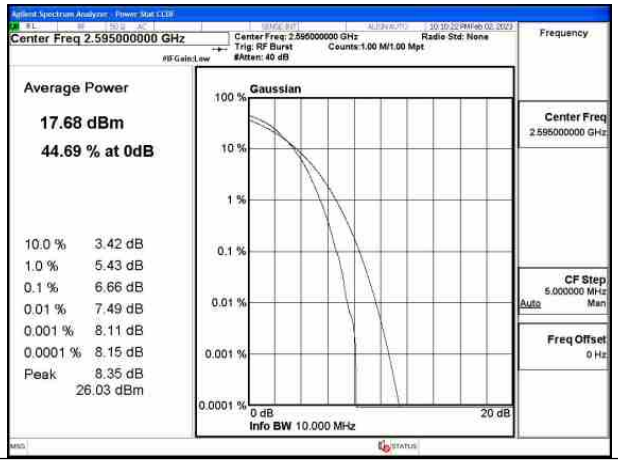

Fig.9

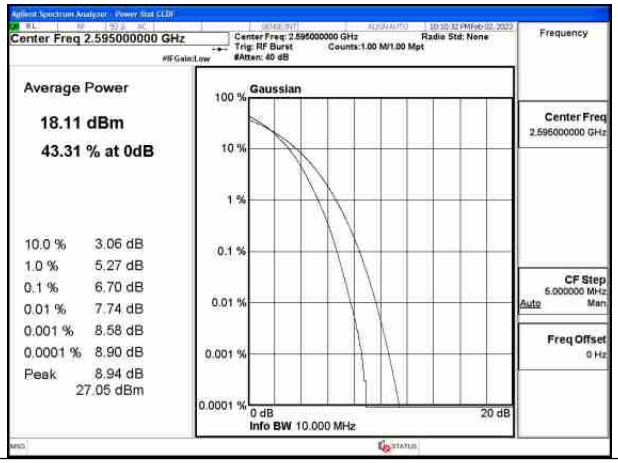

Fig.10

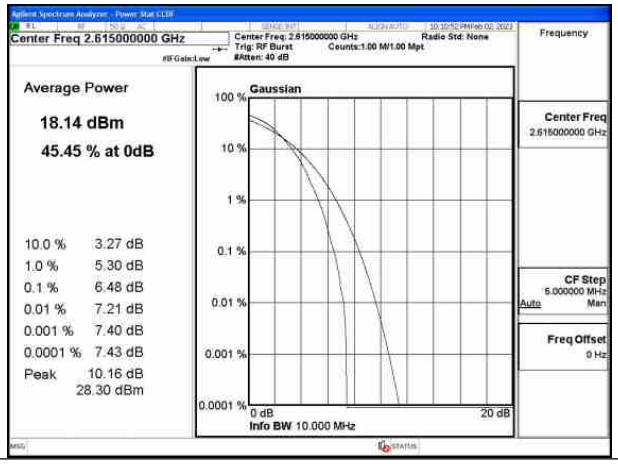

Fig.11

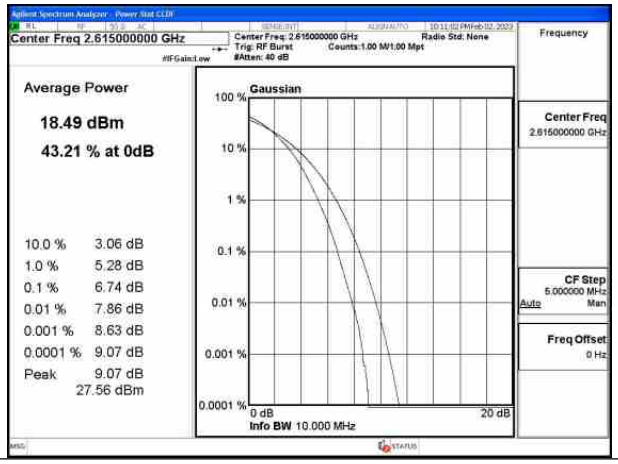

Fig.12

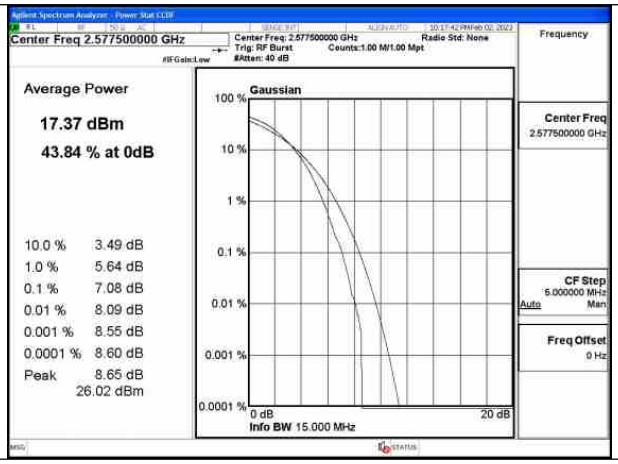

Fig.13

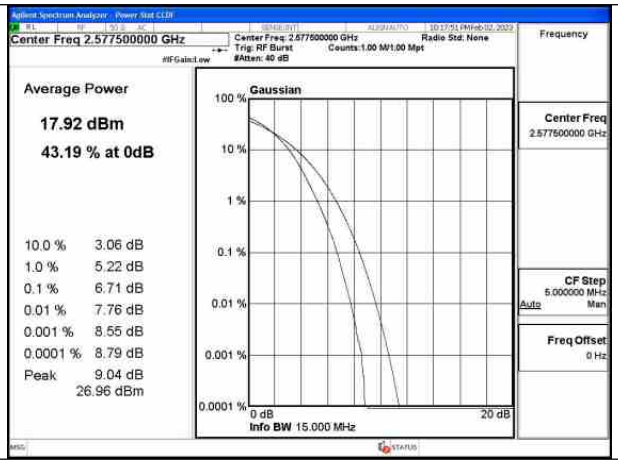

Fig.14

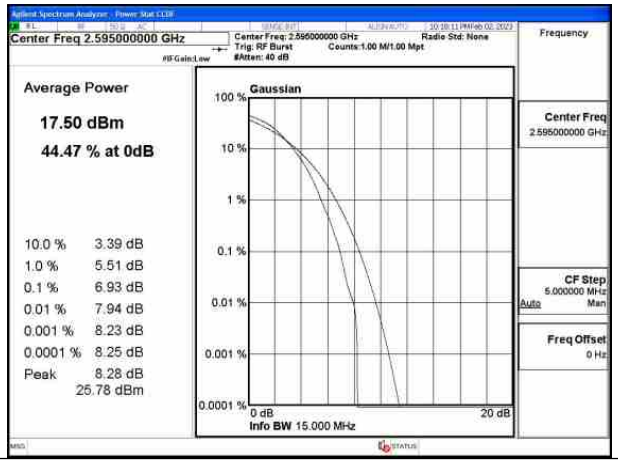

Fig.15

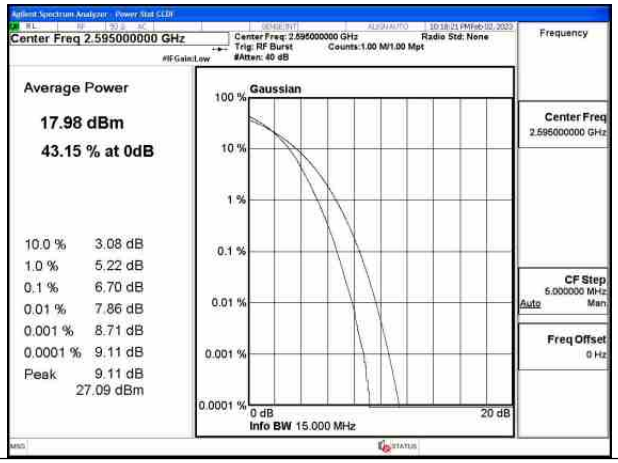

Fig.16

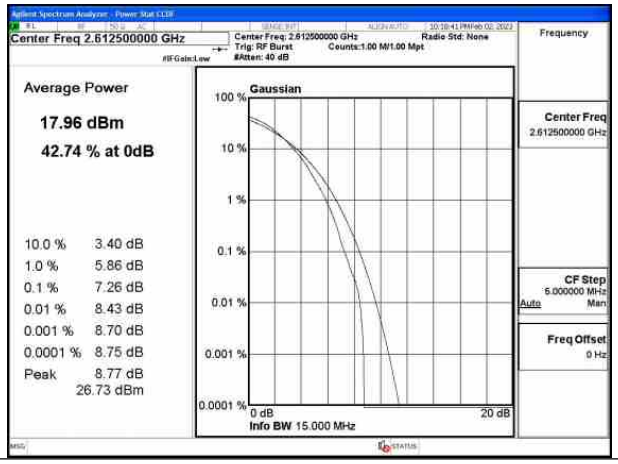

Fig.17

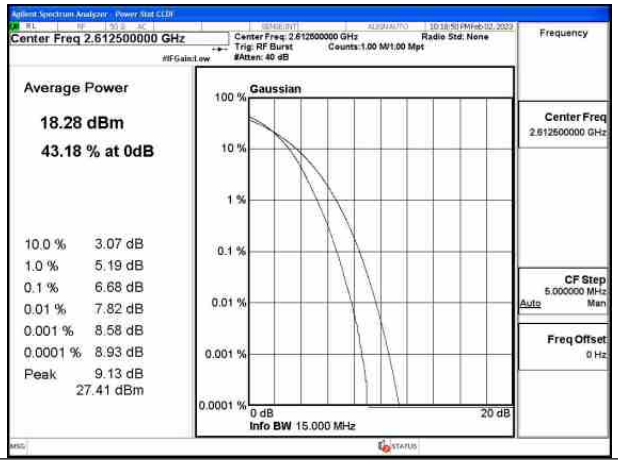

Fig.18

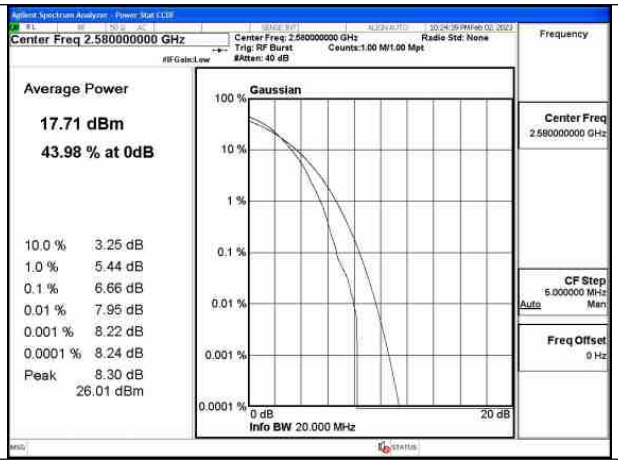

Fig.19

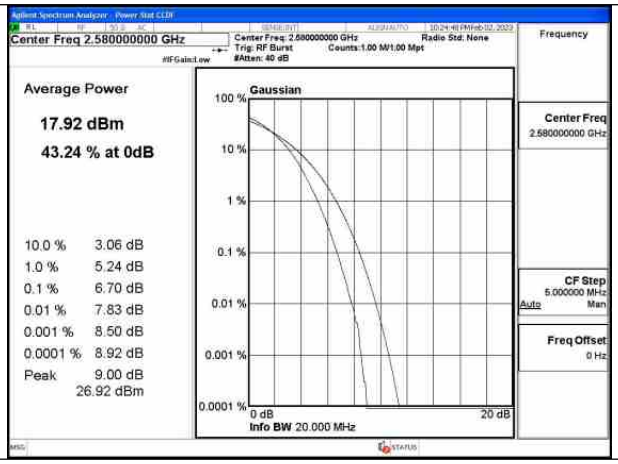

Fig.20

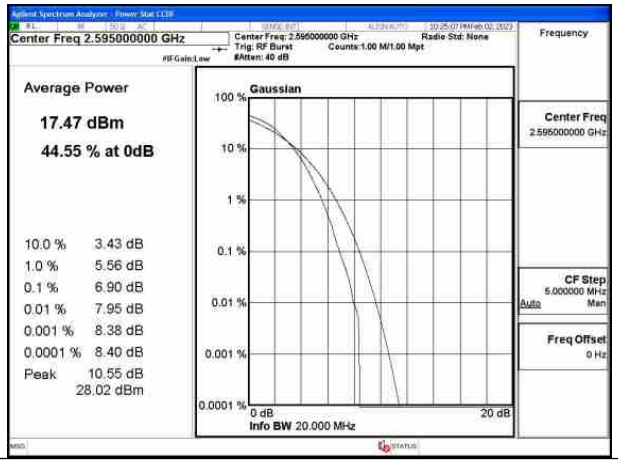

Fig.21

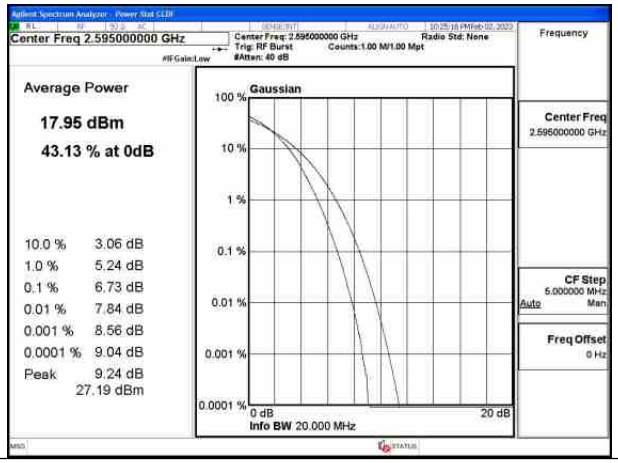

Fig.22

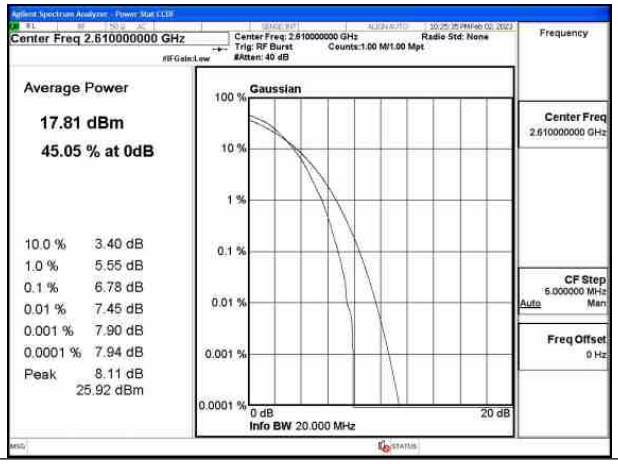

Fig.23

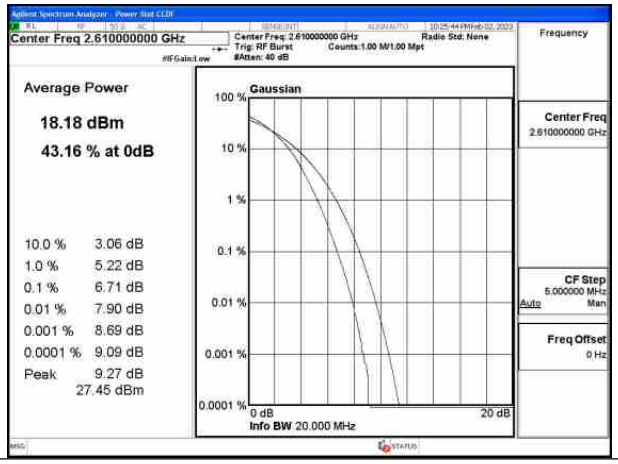

Fig.24

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
38	2580	37850	20	1	0	Fig.1
38	2595	38000	20	1	0	Fig.2
38	2610	38150	20	1	0	Fig.3

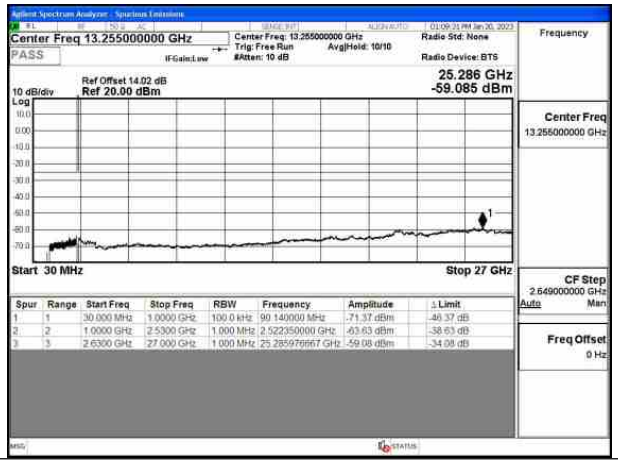

Fig.1

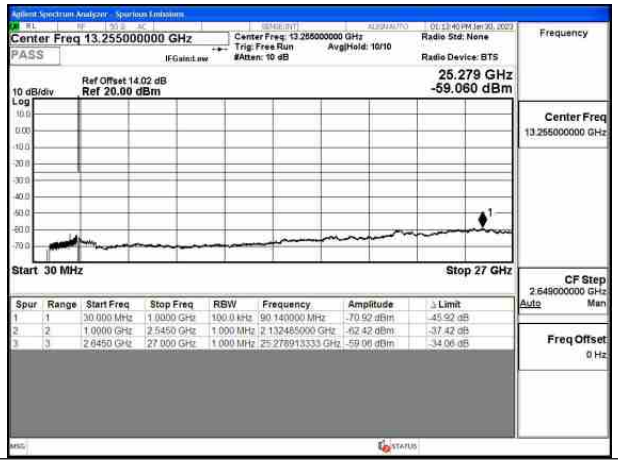

Fig.2

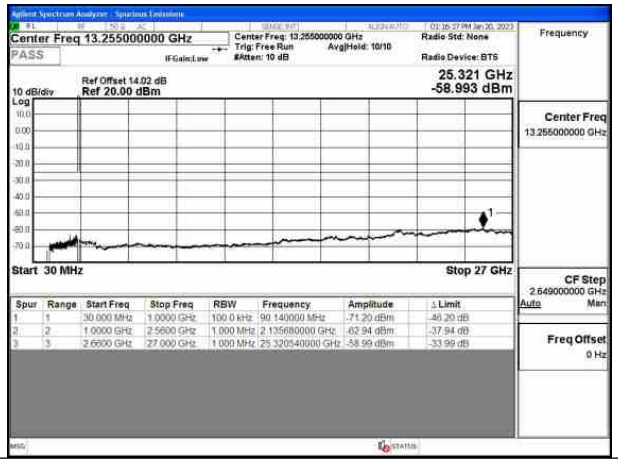

Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
38	QPSK	2572.5	37775	5	1	0	Fig.1
38	QPSK	2572.5	37775	5	25	0	Fig.2
38	QPSK	2617.5	38225	5	1	24	Fig.3
38	QPSK	2617.5	38225	5	25	0	Fig.4
38	QPSK	2575	37800	10	1	0	Fig.5
38	QPSK	2575	37800	10	50	0	Fig.6
38	QPSK	2615	38200	10	1	49	Fig.7
38	QPSK	2615	38200	10	50	0	Fig.8
38	QPSK	2577.5	37825	15	1	0	Fig.9
38	QPSK	2577.5	37825	15	75	0	Fig.10
38	QPSK	2612.5	38175	15	1	74	Fig.11
38	QPSK	2612.5	38175	15	75	0	Fig.12
38	QPSK	2580	37850	20	1	0	Fig.13
38	QPSK	2580	37850	20	100	0	Fig.14
38	QPSK	2610	38150	20	1	99	Fig.15
38	QPSK	2610	38150	20	100	0	Fig.16

Test Mode: QPSK

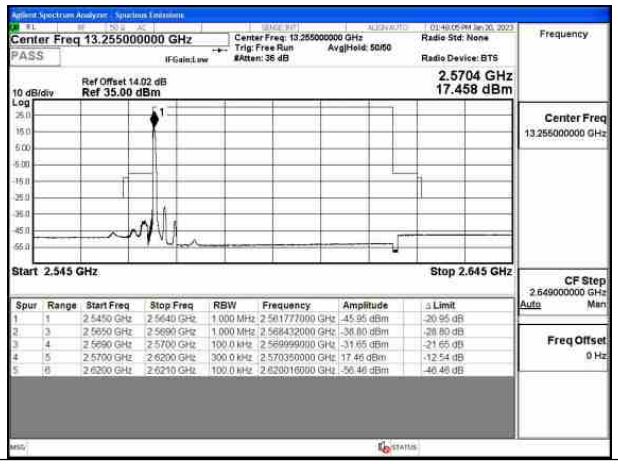

Fig.1

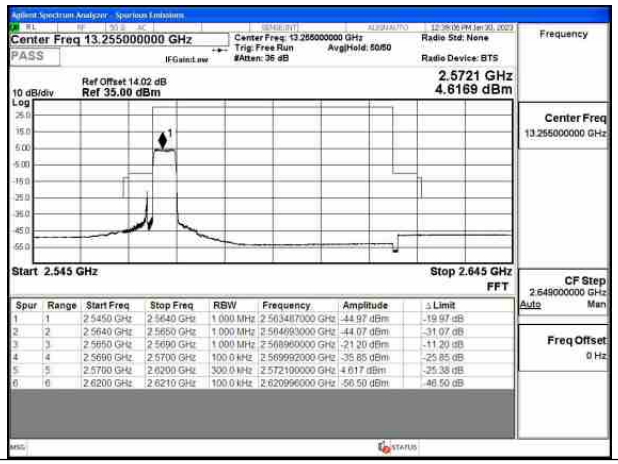

Fig.2

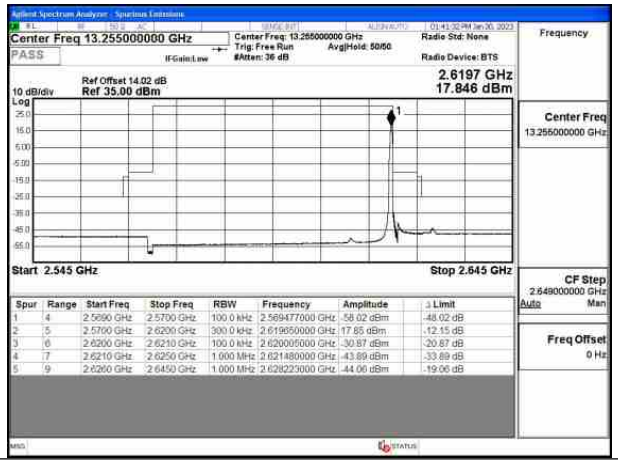

Fig.3

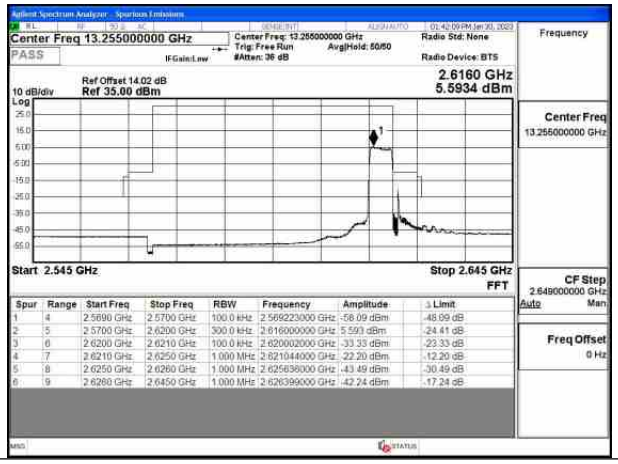

Fig.4

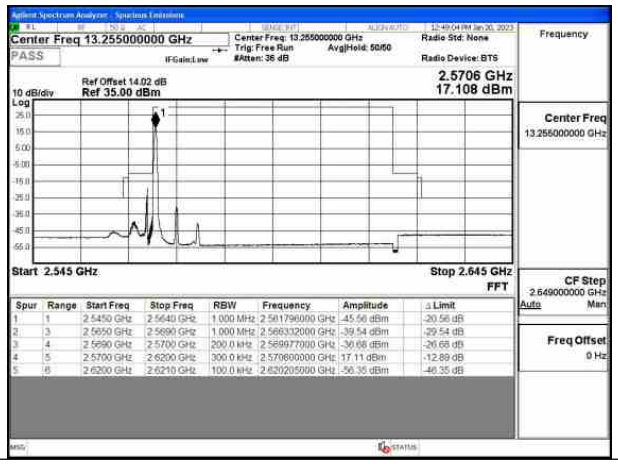

Fig.5

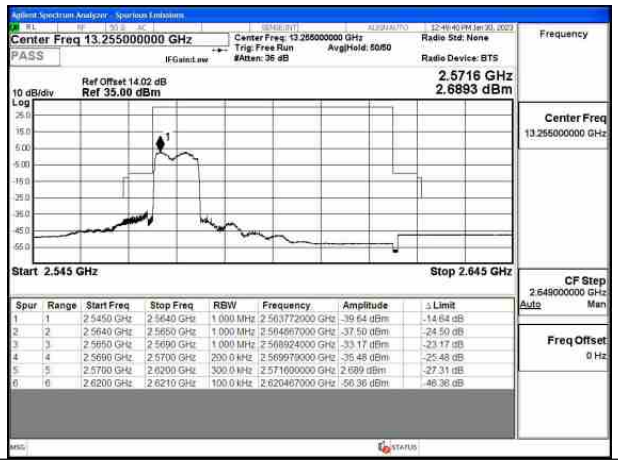

Fig.6

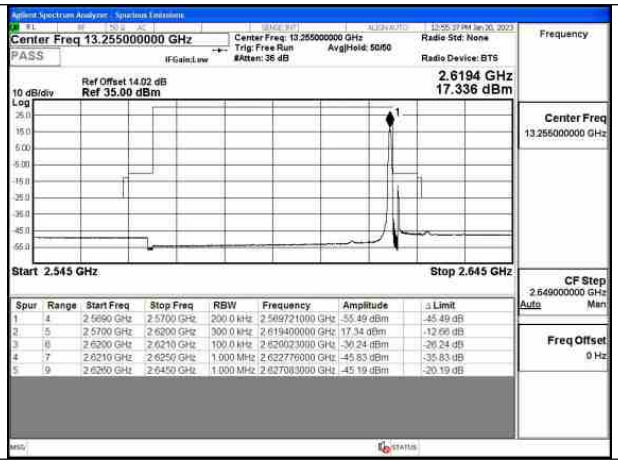

Fig.7

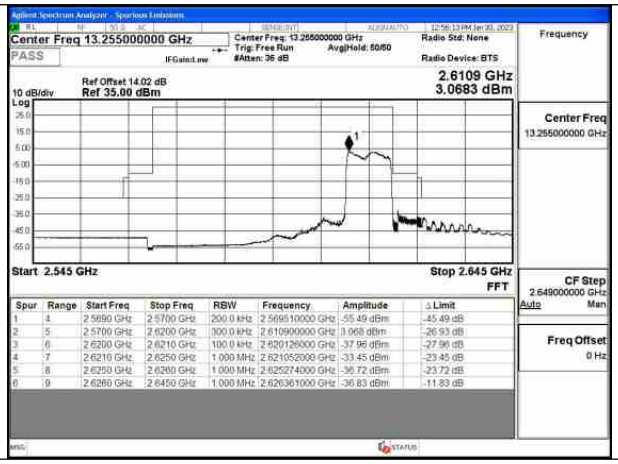

Fig.8

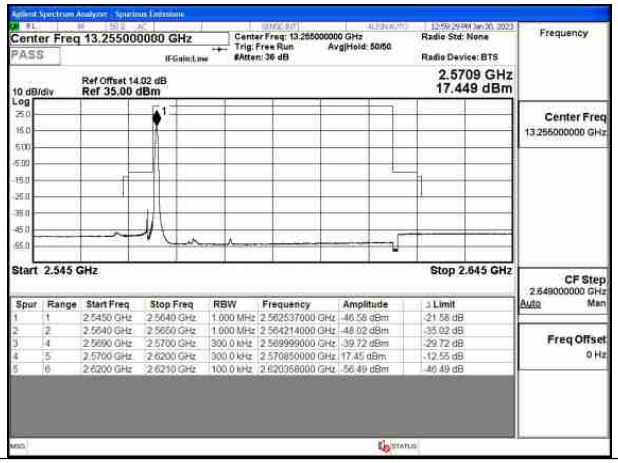

Fig.9

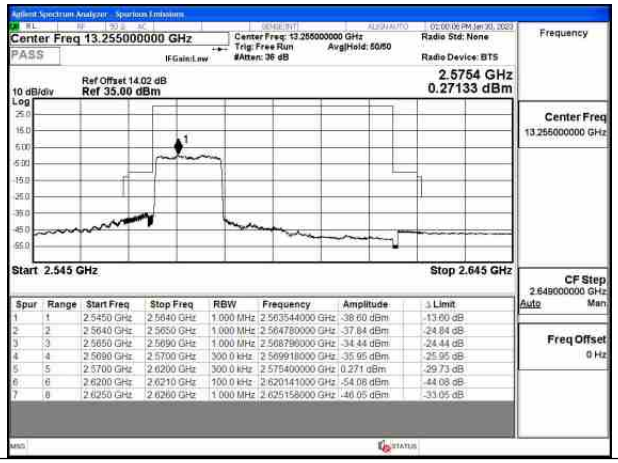

Fig.10

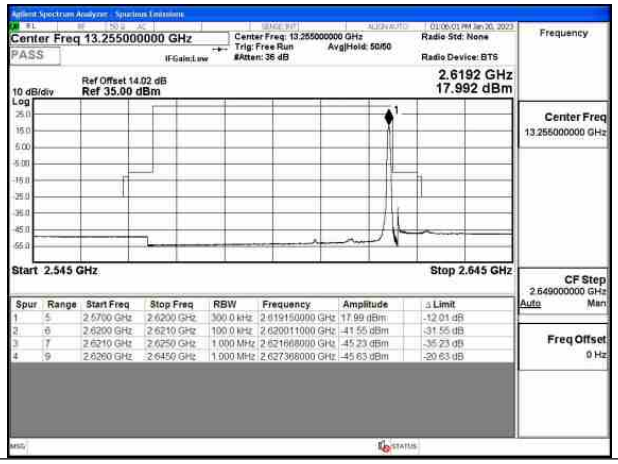

Fig.11

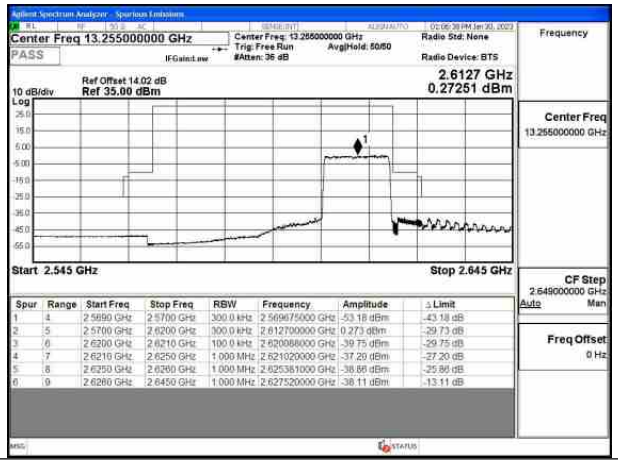

Fig.12

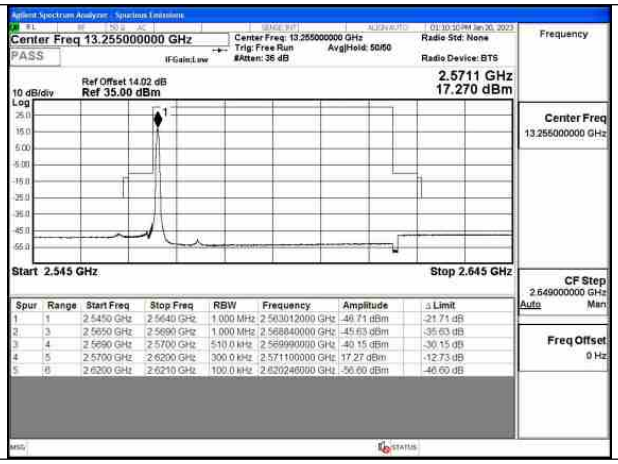

Fig.13

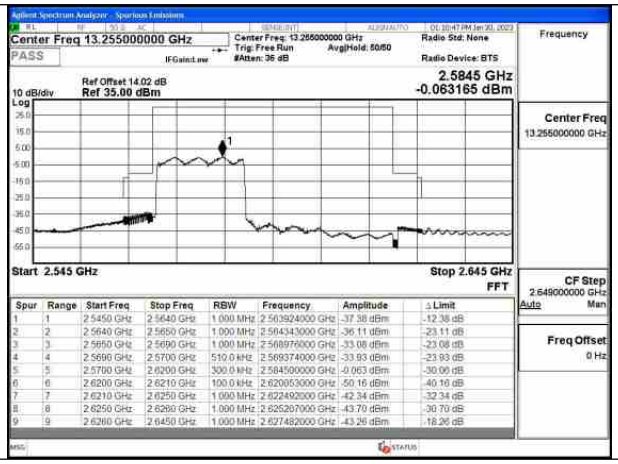

Fig.14

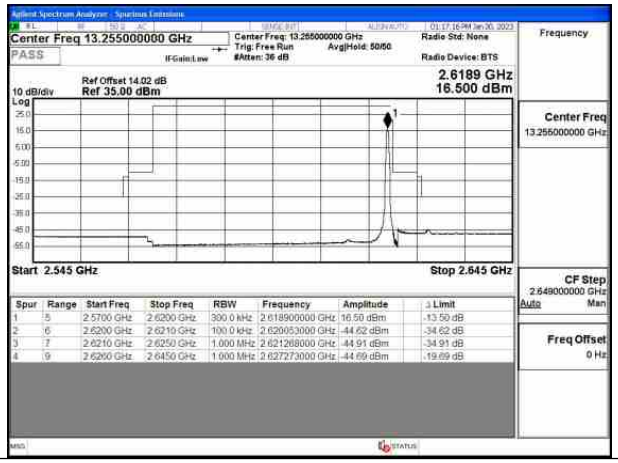

Fig.15

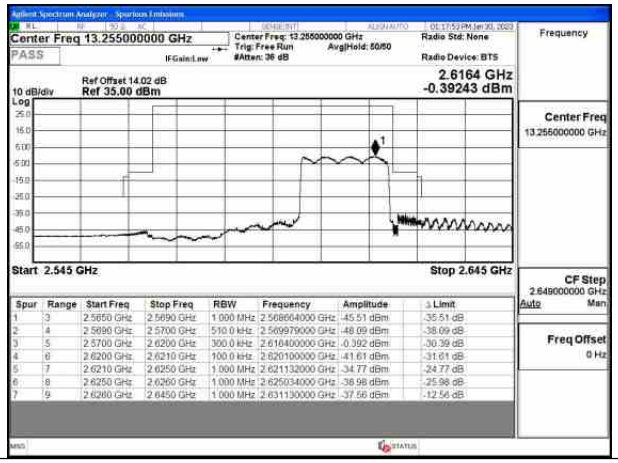

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK			
		5M	10M	15M	20M
-10	NV	0.001	0.003	-0.001	0.001
0	NV	-0.002	0.002	-0.002	0.002
+10	NV	-0.001	0.002	0.001	0.003
+20	NV	-0.002	0.002	0.002	0.001
+30	NV	-0.001	0.002	-0.002	0.003
+40	NV	-0.002	0.002	-0.002	-0.002
+50	NV	0.001	-0.001	0.001	-0.002
+55	NV	-0.001	0.003	-0.002	-0.002
+20	LV	0.000	0.002	0.002	0.002
+20	HV	0.001	0.002	-0.001	-0.001

Temperature(°C)	Voltage	Test Result (ppm) High Channel QPSK			
		5M	10M	15M	20M
-10	NV	0.002	0.001	-0.003	-0.003
0	NV	0.002	-0.002	-0.003	-0.002
+10	NV	0.002	-0.002	0.002	0.001
+20	NV	0.002	0.005	0.001	0.001
+30	NV	0.001	0.001	0.001	-0.002
+40	NV	0.001	0.001	-0.001	0.002
+50	NV	-0.001	0.005	0.001	0.001
+55	NV	-0.002	0.004	-0.004	0.001
+20	LV	-0.002	0.004	-0.002	-0.003
+20	HV	0.001	0.003	-0.004	0.002

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2572.5	37775	5	1	0	23.18	21.78	0.151
QPSK	2572.5	37775	5	1	12	23.21	21.81	0.152
QPSK	2572.5	37775	5	1	24	23.09	21.69	0.148
QPSK	2572.5	37775	5	12	0	22.16	20.76	0.119
QPSK	2572.5	37775	5	12	7	22.27	20.87	0.122
QPSK	2572.5	37775	5	12	13	22.29	20.89	0.123
QPSK	2572.5	37775	5	25	0	22.28	20.88	0.122
QPSK	2595	38000	5	1	0	23.37	21.97	0.157
QPSK	2595	38000	5	1	12	23.54	22.14	0.164
QPSK	2595	38000	5	1	24	23.20	21.80	0.151
QPSK	2595	38000	5	12	0	22.17	20.77	0.119
QPSK	2595	38000	5	12	7	22.20	20.80	0.120
QPSK	2595	38000	5	12	13	22.21	20.81	0.121
QPSK	2595	38000	5	25	0	22.11	20.71	0.118
QPSK	2617.5	38225	5	1	0	23.07	21.67	0.147
QPSK	2617.5	38225	5	1	12	23.42	22.02	0.159
QPSK	2617.5	38225	5	1	24	23.17	21.77	0.150
QPSK	2617.5	38225	5	12	0	22.19	20.79	0.120
QPSK	2617.5	38225	5	12	7	22.13	20.73	0.118
QPSK	2617.5	38225	5	12	13	22.23	20.83	0.121
QPSK	2617.5	38225	5	25	0	22.20	20.80	0.120

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	2572.5	37775	5	1	0	22.57	21.17	0.131
16QAM	2572.5	37775	5	1	12	22.91	21.51	0.142
16QAM	2572.5	37775	5	1	24	22.43	21.03	0.127
16QAM	2572.5	37775	5	12	0	21.37	19.97	0.099
16QAM	2572.5	37775	5	12	7	21.42	20.02	0.100
16QAM	2572.5	37775	5	12	13	21.47	20.07	0.102
16QAM	2572.5	37775	5	25	0	21.26	19.86	0.097
16QAM	2595	38000	5	1	0	22.15	20.75	0.119
16QAM	2595	38000	5	1	12	22.80	21.40	0.138
16QAM	2595	38000	5	1	24	22.37	20.97	0.125
16QAM	2595	38000	5	12	0	21.09	19.69	0.093
16QAM	2595	38000	5	12	7	21.34	19.94	0.099
16QAM	2595	38000	5	12	13	21.39	19.99	0.100
16QAM	2595	38000	5	25	0	21.09	19.69	0.093
16QAM	2617.5	38225	5	1	0	22.36	20.96	0.125
16QAM	2617.5	38225	5	1	12	22.97	21.57	0.144
16QAM	2617.5	38225	5	1	24	22.61	21.21	0.132
16QAM	2617.5	38225	5	12	0	21.26	19.86	0.097
16QAM	2617.5	38225	5	12	7	21.39	19.99	0.100
16QAM	2617.5	38225	5	12	13	21.26	19.86	0.097
16QAM	2617.5	38225	5	25	0	21.32	19.92	0.098
64QAM	2572.5	37775	5	1	0	22.05	20.65	0.116
64QAM	2572.5	37775	5	1	12	22.07	20.67	0.117
64QAM	2572.5	37775	5	1	24	22.26	20.86	0.122
64QAM	2572.5	37775	5	12	0	21.31	19.91	0.098
64QAM	2572.5	37775	5	12	7	21.26	19.86	0.097
64QAM	2572.5	37775	5	12	13	21.27	19.87	0.097
64QAM	2572.5	37775	5	25	0	20.79	19.39	0.087
64QAM	2595	38000	5	1	0	22.42	21.02	0.126
64QAM	2595	38000	5	1	12	22.39	20.99	0.126
64QAM	2595	38000	5	1	24	22.46	21.06	0.128
64QAM	2595	38000	5	12	0	21.20	19.80	0.095
64QAM	2595	38000	5	12	7	21.27	19.87	0.097
64QAM	2595	38000	5	12	13	21.38	19.98	0.100
64QAM	2595	38000	5	25	0	21.10	19.70	0.093
64QAM	2617.5	38225	5	1	0	22.07	20.67	0.117
64QAM	2617.5	38225	5	1	12	22.48	21.08	0.128
64QAM	2617.5	38225	5	1	24	22.53	21.13	0.130
64QAM	2617.5	38225	5	12	0	21.24	19.84	0.096
64QAM	2617.5	38225	5	12	7	21.35	19.95	0.099
64QAM	2617.5	38225	5	12	13	21.25	19.85	0.097
64QAM	2617.5	38225	5	25	0	20.94	19.54	0.090

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2575	37800	10	1	0	23.39	21.99	0.158
QPSK	2575	37800	10	1	25	23.53	22.13	0.163
QPSK	2575	37800	10	1	49	23.36	21.96	0.157
QPSK	2575	37800	10	25	0	22.27	20.87	0.122
QPSK	2575	37800	10	25	12	22.26	20.86	0.122
QPSK	2575	37800	10	25	25	22.28	20.88	0.122
QPSK	2575	37800	10	50	0	22.32	20.92	0.124
QPSK	2595	38000	10	1	0	23.43	22.03	0.160
QPSK	2595	38000	10	1	25	23.10	21.70	0.148
QPSK	2595	38000	10	1	49	23.38	21.98	0.158
QPSK	2595	38000	10	25	0	22.12	20.72	0.118
QPSK	2595	38000	10	25	12	22.19	20.79	0.120
QPSK	2595	38000	10	25	25	22.13	20.73	0.118
QPSK	2595	38000	10	50	0	22.11	20.71	0.118
QPSK	2615	38200	10	1	0	23.17	21.77	0.150
QPSK	2615	38200	10	1	25	23.44	22.04	0.160
QPSK	2615	38200	10	1	49	23.28	21.88	0.154
QPSK	2615	38200	10	25	0	22.19	20.79	0.120
QPSK	2615	38200	10	25	12	22.19	20.79	0.120
QPSK	2615	38200	10	25	25	22.17	20.77	0.119
QPSK	2615	38200	10	50	0	23.39	21.99	0.158

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	2575	37800	10	1	0	22.79	21.39	0.138
16QAM	2575	37800	10	1	25	22.63	21.23	0.133
16QAM	2575	37800	10	1	49	22.23	20.83	0.121
16QAM	2575	37800	10	25	0	21.32	19.92	0.098
16QAM	2575	37800	10	25	12	21.35	19.95	0.099
16QAM	2575	37800	10	25	25	21.45	20.05	0.101
16QAM	2575	37800	10	50	0	21.37	19.97	0.099
16QAM	2595	38000	10	1	0	22.81	21.41	0.138
16QAM	2595	38000	10	1	25	22.48	21.08	0.128
16QAM	2595	38000	10	1	49	22.41	21.01	0.126
16QAM	2595	38000	10	25	0	21.16	19.76	0.095
16QAM	2595	38000	10	25	12	21.18	19.78	0.095
16QAM	2595	38000	10	25	25	21.25	19.85	0.097
16QAM	2595	38000	10	50	0	21.08	19.68	0.093
16QAM	2615	38200	10	1	0	22.47	21.07	0.128
16QAM	2615	38200	10	1	25	22.28	20.88	0.122
16QAM	2615	38200	10	1	49	22.53	21.13	0.130
16QAM	2615	38200	10	25	0	21.08	19.68	0.093
16QAM	2615	38200	10	25	12	21.22	19.82	0.096
16QAM	2615	38200	10	25	25	21.29	19.89	0.097
16QAM	2615	38200	10	50	0	21.08	19.68	0.093
64QAM	2575	37800	10	1	0	22.46	21.06	0.128
64QAM	2575	37800	10	1	25	22.54	21.14	0.130
64QAM	2575	37800	10	1	49	22.39	20.99	0.126
64QAM	2575	37800	10	25	0	21.39	19.99	0.100
64QAM	2575	37800	10	25	12	21.49	20.09	0.102
64QAM	2575	37800	10	25	25	21.32	19.92	0.098
64QAM	2575	37800	10	50	0	21.40	20.00	0.100
64QAM	2595	38000	10	1	0	22.86	21.46	0.140
64QAM	2595	38000	10	1	25	22.58	21.18	0.131
64QAM	2595	38000	10	1	49	21.89	20.49	0.112
64QAM	2595	38000	10	25	0	21.26	19.86	0.097
64QAM	2595	38000	10	25	12	21.17	19.77	0.095
64QAM	2595	38000	10	25	25	21.22	19.82	0.096
64QAM	2595	38000	10	50	0	21.11	19.71	0.094
64QAM	2615	38200	10	1	0	22.56	21.16	0.131
64QAM	2615	38200	10	1	25	22.51	21.11	0.129
64QAM	2615	38200	10	1	49	22.32	20.92	0.124
64QAM	2615	38200	10	25	0	21.15	19.75	0.094
64QAM	2615	38200	10	25	12	21.22	19.82	0.096
64QAM	2615	38200	10	25	25	21.32	19.92	0.098
64QAM	2615	38200	10	50	0	21.12	19.72	0.094

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2577.5	37825	15	1	0	23.64	22.24	0.167
QPSK	2577.5	37825	15	1	37	23.58	22.18	0.165
QPSK	2577.5	37825	15	1	74	23.55	22.15	0.164
QPSK	2577.5	37825	15	36	0	22.24	20.84	0.121
QPSK	2577.5	37825	15	36	29	22.19	20.79	0.120
QPSK	2577.5	37825	15	36	30	22.24	20.84	0.121
QPSK	2577.5	37825	15	75	0	22.19	20.79	0.120
QPSK	2595	38000	15	1	0	23.60	22.20	0.166
QPSK	2595	38000	15	1	37	22.96	21.56	0.143
QPSK	2595	38000	15	1	74	23.36	21.96	0.157
QPSK	2595	38000	15	36	0	22.18	20.78	0.120
QPSK	2595	38000	15	36	29	22.13	20.73	0.118
QPSK	2595	38000	15	36	30	22.14	20.74	0.119
QPSK	2595	38000	15	75	0	22.09	20.69	0.117
QPSK	2612.5	38175	15	1	0	23.54	22.14	0.164
QPSK	2612.5	38175	15	1	37	22.93	21.53	0.142
QPSK	2612.5	38175	15	1	74	23.52	22.12	0.163
QPSK	2612.5	38175	15	36	0	22.08	20.68	0.117
QPSK	2612.5	38175	15	36	29	22.04	20.64	0.116
QPSK	2612.5	38175	15	36	30	22.12	20.72	0.118
QPSK	2612.5	38175	15	75	0	22.04	20.64	0.116

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	2577.5	37825	15	1	0	22.32	20.92	0.124
16QAM	2577.5	37825	15	1	37	22.23	20.83	0.121
16QAM	2577.5	37825	15	1	74	22.45	21.05	0.127
16QAM	2577.5	37825	15	36	0	21.27	19.87	0.097
16QAM	2577.5	37825	15	36	29	21.18	19.78	0.095
16QAM	2577.5	37825	15	36	30	21.18	19.78	0.095
16QAM	2577.5	37825	15	75	0	21.26	19.86	0.097
16QAM	2595	38000	15	1	0	23.10	21.70	0.148
16QAM	2595	38000	15	1	37	22.96	21.56	0.143
16QAM	2595	38000	15	1	74	22.28	20.88	0.122
16QAM	2595	38000	15	36	0	21.17	19.77	0.095
16QAM	2595	38000	15	36	29	21.13	19.73	0.094
16QAM	2595	38000	15	36	30	21.08	19.68	0.093
16QAM	2595	38000	15	75	0	21.06	19.66	0.092
16QAM	2612.5	38175	15	1	0	22.12	20.72	0.118
16QAM	2612.5	38175	15	1	37	22.33	20.93	0.124
16QAM	2612.5	38175	15	1	74	22.57	21.17	0.131
16QAM	2612.5	38175	15	36	0	21.03	19.63	0.092
16QAM	2612.5	38175	15	36	29	21.16	19.76	0.095
16QAM	2612.5	38175	15	36	30	21.17	19.77	0.095
16QAM	2612.5	38175	15	75	0	21.09	19.69	0.093
64QAM	2577.5	37825	15	1	0	22.43	21.03	0.127
64QAM	2577.5	37825	15	1	37	22.22	20.82	0.121
64QAM	2577.5	37825	15	1	74	22.29	20.89	0.123
64QAM	2577.5	37825	15	36	0	21.23	19.83	0.096
64QAM	2577.5	37825	15	36	29	21.19	19.79	0.095
64QAM	2577.5	37825	15	36	30	21.25	19.85	0.097
64QAM	2577.5	37825	15	75	0	21.20	19.80	0.095
64QAM	2595	38000	15	1	0	22.27	20.87	0.122
64QAM	2595	38000	15	1	37	22.32	20.92	0.124
64QAM	2595	38000	15	1	74	22.14	20.74	0.119
64QAM	2595	38000	15	36	0	21.20	19.80	0.095
64QAM	2595	38000	15	36	29	21.06	19.66	0.092
64QAM	2595	38000	15	36	30	21.15	19.75	0.094
64QAM	2595	38000	15	75	0	21.17	19.77	0.095
64QAM	2612.5	38175	15	1	0	22.11	20.71	0.118
64QAM	2612.5	38175	15	1	37	22.19	20.79	0.120
64QAM	2612.5	38175	15	1	74	22.17	20.77	0.119
64QAM	2612.5	38175	15	36	0	21.00	19.60	0.091
64QAM	2612.5	38175	15	36	29	21.10	19.70	0.093
64QAM	2612.5	38175	15	36	30	21.16	19.76	0.095
64QAM	2612.5	38175	15	75	0	21.07	19.67	0.093

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2580	37850	20	1	0	23.38	21.98	0.158
QPSK	2580	37850	20	1	49	23.06	21.66	0.147
QPSK	2580	37850	20	1	99	23.54	22.14	0.164
QPSK	2580	37850	20	50	0	22.17	20.77	0.119
QPSK	2580	37850	20	50	24	22.30	20.90	0.123
QPSK	2580	37850	20	50	50	22.26	20.86	0.122
QPSK	2580	37850	20	100	0	22.26	20.86	0.122
QPSK	2595	38000	20	1	0	23.77	22.37	0.173
QPSK	2595	38000	20	1	49	23.08	21.68	0.147
QPSK	2595	38000	20	1	99	23.42	22.02	0.159
QPSK	2595	38000	20	50	0	22.21	20.81	0.121
QPSK	2595	38000	20	50	24	22.07	20.67	0.117
QPSK	2595	38000	20	50	50	22.14	20.74	0.119
QPSK	2595	38000	20	100	0	22.13	20.73	0.118
QPSK	2610	38150	20	1	0	23.56	22.16	0.164
QPSK	2610	38150	20	1	49	23.43	22.03	0.160
QPSK	2610	38150	20	1	99	23.44	22.04	0.160
QPSK	2610	38150	20	50	0	22.00	20.60	0.115
QPSK	2610	38150	20	50	24	22.04	20.64	0.116
QPSK	2610	38150	20	50	50	22.08	20.68	0.117
QPSK	2610	38150	20	100	0	21.96	20.56	0.114

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
256QAM	2580	37850	20	1	0	18.02	16.62	0.046
256QAM	2595	38000	20	1	0	18.40	17.00	0.050
256QAM	2610	38150	20	1	0	18.26	16.86	0.049

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	2580	37850	20	1	0	22.26	20.86	0.122
16QAM	2580	37850	20	1	49	22.66	21.26	0.134
16QAM	2580	37850	20	1	99	22.30	20.90	0.123
16QAM	2580	37850	20	50	0	21.14	19.74	0.094
16QAM	2580	37850	20	50	24	21.31	19.91	0.098
16QAM	2580	37850	20	50	50	21.34	19.94	0.099
16QAM	2580	37850	20	100	0	21.25	19.85	0.097
16QAM	2595	38000	20	1	0	22.69	21.29	0.135
16QAM	2595	38000	20	1	49	22.23	20.83	0.121
16QAM	2595	38000	20	1	99	22.47	21.07	0.128
16QAM	2595	38000	20	50	0	21.25	19.85	0.097
16QAM	2595	38000	20	50	24	21.21	19.81	0.096
16QAM	2595	38000	20	50	50	21.21	19.81	0.096
16QAM	2595	38000	20	100	0	21.04	19.64	0.092
16QAM	2610	38150	20	1	0	22.06	20.66	0.116
16QAM	2610	38150	20	1	49	22.13	20.73	0.118
16QAM	2610	38150	20	1	99	22.43	21.03	0.127
16QAM	2610	38150	20	50	0	21.11	19.71	0.094
16QAM	2610	38150	20	50	24	21.19	19.79	0.095
16QAM	2610	38150	20	50	50	21.18	19.78	0.095
16QAM	2610	38150	20	100	0	21.12	19.72	0.094
64QAM	2580	37850	20	1	0	22.23	20.83	0.121
64QAM	2580	37850	20	1	49	22.83	21.43	0.139
64QAM	2580	37850	20	1	99	22.18	20.78	0.120
64QAM	2580	37850	20	50	0	21.17	19.77	0.095
64QAM	2580	37850	20	50	24	21.09	19.69	0.093
64QAM	2580	37850	20	50	50	21.26	19.86	0.097
64QAM	2580	37850	20	100	0	21.27	19.87	0.097
64QAM	2595	38000	20	1	0	22.44	21.04	0.127
64QAM	2595	38000	20	1	49	21.83	20.43	0.110
64QAM	2595	38000	20	1	99	21.76	20.36	0.109
64QAM	2595	38000	20	50	0	21.22	19.82	0.096
64QAM	2595	38000	20	50	24	21.01	19.61	0.091
64QAM	2595	38000	20	50	50	21.14	19.74	0.094
64QAM	2595	38000	20	100	0	21.04	19.64	0.092
64QAM	2610	38150	20	1	0	22.18	20.78	0.120
64QAM	2610	38150	20	1	49	22.06	20.66	0.116
64QAM	2610	38150	20	1	99	22.66	21.26	0.134
64QAM	2610	38150	20	50	0	20.94	19.54	0.090
64QAM	2610	38150	20	50	24	21.05	19.65	0.092
64QAM	2610	38150	20	50	50	21.10	19.70	0.093
64QAM	2610	38150	20	100	0	20.93	19.53	0.090