

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	22.87
16QAM	2572.5	37775	5	1	12	22.94
16QAM	2572.5	37775	5	1	24	23.19
16QAM	2572.5	37775	5	12	0	21.50
16QAM	2572.5	37775	5	12	7	21.76
16QAM	2572.5	37775	5	12	13	21.68
16QAM	2572.5	37775	5	25	0	21.66
16QAM	2595	38000	5	1	0	22.86
16QAM	2595	38000	5	1	12	22.65
16QAM	2595	38000	5	1	24	22.58
16QAM	2595	38000	5	12	0	21.70
16QAM	2595	38000	5	12	7	21.42
16QAM	2595	38000	5	12	13	21.34
16QAM	2595	38000	5	25	0	21.28
16QAM	2617.5	38225	5	1	0	22.57
16QAM	2617.5	38225	5	1	12	22.37
16QAM	2617.5	38225	5	1	24	22.90
16QAM	2617.5	38225	5	12	0	21.39
16QAM	2617.5	38225	5	12	7	21.55
16QAM	2617.5	38225	5	12	13	21.54
16QAM	2617.5	38225	5	25	0	21.49
64QAM	2572.5	37775	5	1	0	21.80
64QAM	2572.5	37775	5	1	12	21.93
64QAM	2572.5	37775	5	1	24	22.19
64QAM	2572.5	37775	5	12	0	20.49
64QAM	2572.5	37775	5	12	7	20.67
64QAM	2572.5	37775	5	12	13	20.71
64QAM	2572.5	37775	5	25	0	20.50
64QAM	2595	38000	5	1	0	21.99
64QAM	2595	38000	5	1	12	22.03
64QAM	2595	38000	5	1	24	21.78
64QAM	2595	38000	5	12	0	20.61
64QAM	2595	38000	5	12	7	20.55
64QAM	2595	38000	5	12	13	20.37
64QAM	2595	38000	5	25	0	20.28
64QAM	2617.5	38225	5	1	0	21.52
64QAM	2617.5	38225	5	1	12	21.62
64QAM	2617.5	38225	5	1	24	21.54
64QAM	2617.5	38225	5	12	0	20.36
64QAM	2617.5	38225	5	12	7	20.49
64QAM	2617.5	38225	5	12	13	20.58
64QAM	2617.5	38225	5	25	0	20.49

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	23.31
QPSK	2572.5	37775	5	1	12	23.50
QPSK	2572.5	37775	5	1	24	23.76
QPSK	2572.5	37775	5	12	0	22.46
QPSK	2572.5	37775	5	12	7	22.55
QPSK	2572.5	37775	5	12	13	22.65
QPSK	2572.5	37775	5	25	0	22.49
QPSK	2595	38000	5	1	0	23.62
QPSK	2595	38000	5	1	12	23.52
QPSK	2595	38000	5	1	24	23.15
QPSK	2595	38000	5	12	0	22.59
QPSK	2595	38000	5	12	7	22.42
QPSK	2595	38000	5	12	13	22.32
QPSK	2595	38000	5	25	0	22.34
QPSK	2617.5	38225	5	1	0	23.21
QPSK	2617.5	38225	5	1	12	23.61
QPSK	2617.5	38225	5	1	24	23.66
QPSK	2617.5	38225	5	12	0	22.36
QPSK	2617.5	38225	5	12	7	22.45
QPSK	2617.5	38225	5	12	13	22.45
QPSK	2617.5	38225	5	25	0	22.46

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	22.60
16QAM	2575	37800	10	1	25	23.06
16QAM	2575	37800	10	1	49	23.52
16QAM	2575	37800	10	25	0	21.66
16QAM	2575	37800	10	25	12	21.77
16QAM	2575	37800	10	25	25	21.98
16QAM	2575	37800	10	50	0	21.77
16QAM	2595	38000	10	1	0	23.19
16QAM	2595	38000	10	1	25	22.68
16QAM	2595	38000	10	1	49	22.53
16QAM	2595	38000	10	25	0	21.64
16QAM	2595	38000	10	25	12	21.41
16QAM	2595	38000	10	25	25	21.21
16QAM	2595	38000	10	50	0	21.45
16QAM	2615	38200	10	1	0	22.23
16QAM	2615	38200	10	1	25	22.52
16QAM	2615	38200	10	1	49	22.80
16QAM	2615	38200	10	25	0	21.14
16QAM	2615	38200	10	25	12	21.28
16QAM	2615	38200	10	25	25	21.44
16QAM	2615	38200	10	50	0	21.28
64QAM	2575	37800	10	1	0	22.00
64QAM	2575	37800	10	1	25	22.13
64QAM	2575	37800	10	1	49	22.59
64QAM	2575	37800	10	25	0	20.55
64QAM	2575	37800	10	25	12	20.79
64QAM	2575	37800	10	25	25	20.88
64QAM	2575	37800	10	50	0	20.83
64QAM	2595	38000	10	1	0	22.05
64QAM	2595	38000	10	1	25	21.31
64QAM	2595	38000	10	1	49	21.36
64QAM	2595	38000	10	25	0	20.64
64QAM	2595	38000	10	25	12	20.43
64QAM	2595	38000	10	25	25	20.25
64QAM	2595	38000	10	50	0	20.43
64QAM	2615	38200	10	1	0	20.80
64QAM	2615	38200	10	1	25	20.98
64QAM	2615	38200	10	1	49	21.41
64QAM	2615	38200	10	25	0	20.16
64QAM	2615	38200	10	25	12	20.26
64QAM	2615	38200	10	25	25	20.35
64QAM	2615	38200	10	50	0	20.26

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	23.33
QPSK	2575	37800	10	1	25	23.58
QPSK	2575	37800	10	1	49	23.97
QPSK	2575	37800	10	25	0	22.56
QPSK	2575	37800	10	25	12	22.76
QPSK	2575	37800	10	25	25	22.84
QPSK	2575	37800	10	50	0	22.72
QPSK	2595	38000	10	1	0	23.68
QPSK	2595	38000	10	1	25	23.37
QPSK	2595	38000	10	1	49	23.02
QPSK	2595	38000	10	25	0	22.61
QPSK	2595	38000	10	25	12	22.49
QPSK	2595	38000	10	25	25	22.26
QPSK	2595	38000	10	50	0	22.45
QPSK	2615	38200	10	1	0	23.04
QPSK	2615	38200	10	1	25	23.31
QPSK	2615	38200	10	1	49	23.53
QPSK	2615	38200	10	25	0	22.20
QPSK	2615	38200	10	25	12	22.33
QPSK	2615	38200	10	25	25	22.46
QPSK	2615	38200	10	50	0	22.29

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	22.44
16QAM	2577.5	37825	15	1	37	22.88
16QAM	2577.5	37825	15	1	74	23.11
16QAM	2577.5	37825	15	36	0	21.50
16QAM	2577.5	37825	15	36	29	21.90
16QAM	2577.5	37825	15	36	30	21.87
16QAM	2577.5	37825	15	75	0	21.71
16QAM	2595	38000	15	1	0	23.01
16QAM	2595	38000	15	1	37	22.55
16QAM	2595	38000	15	1	74	22.15
16QAM	2595	38000	15	36	0	21.64
16QAM	2595	38000	15	36	29	21.21
16QAM	2595	38000	15	36	30	21.19
16QAM	2595	38000	15	75	0	21.32
16QAM	2612.5	38175	15	1	0	22.01
16QAM	2612.5	38175	15	1	37	22.13
16QAM	2612.5	38175	15	1	74	22.52
16QAM	2612.5	38175	15	36	0	20.92
16QAM	2612.5	38175	15	36	29	21.02
16QAM	2612.5	38175	15	36	30	21.12
16QAM	2612.5	38175	15	75	0	21.07
64QAM	2577.5	37825	15	1	0	21.69
64QAM	2577.5	37825	15	1	37	22.17
64QAM	2577.5	37825	15	1	74	22.43
64QAM	2577.5	37825	15	36	0	20.48
64QAM	2577.5	37825	15	36	29	20.86
64QAM	2577.5	37825	15	36	30	20.92
64QAM	2577.5	37825	15	75	0	20.78
64QAM	2595	38000	15	1	0	21.77
64QAM	2595	38000	15	1	37	21.23
64QAM	2595	38000	15	1	74	20.80
64QAM	2595	38000	15	36	0	20.70
64QAM	2595	38000	15	36	29	20.21
64QAM	2595	38000	15	36	30	20.18
64QAM	2595	38000	15	75	0	20.36
64QAM	2612.5	38175	15	1	0	21.12
64QAM	2612.5	38175	15	1	37	21.19
64QAM	2612.5	38175	15	1	74	21.50
64QAM	2612.5	38175	15	36	0	19.98
64QAM	2612.5	38175	15	36	29	20.19
64QAM	2612.5	38175	15	36	30	20.12
64QAM	2612.5	38175	15	75	0	20.13

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	23.21
QPSK	2577.5	37825	15	1	37	23.50
QPSK	2577.5	37825	15	1	74	23.82
QPSK	2577.5	37825	15	36	0	22.53
QPSK	2577.5	37825	15	36	29	22.83
QPSK	2577.5	37825	15	36	30	22.81
QPSK	2577.5	37825	15	75	0	22.71
QPSK	2595	38000	15	1	0	23.61
QPSK	2595	38000	15	1	37	23.09
QPSK	2595	38000	15	1	74	22.66
QPSK	2595	38000	15	36	0	22.61
QPSK	2595	38000	15	36	29	22.12
QPSK	2595	38000	15	36	30	22.22
QPSK	2595	38000	15	75	0	22.31
QPSK	2612.5	38175	15	1	0	22.73
QPSK	2612.5	38175	15	1	37	22.87
QPSK	2612.5	38175	15	1	74	23.23
QPSK	2612.5	38175	15	36	0	21.86
QPSK	2612.5	38175	15	36	29	22.07
QPSK	2612.5	38175	15	36	30	22.15
QPSK	2612.5	38175	15	75	0	22.10

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	22.46
16QAM	2580	37850	20	1	49	23.00
16QAM	2580	37850	20	1	99	22.90
16QAM	2580	37850	20	50	0	21.63
16QAM	2580	37850	20	50	24	21.86
16QAM	2580	37850	20	50	50	21.97
16QAM	2580	37850	20	100	0	21.82
16QAM	2595	38000	20	1	0	23.04
16QAM	2595	38000	20	1	49	22.60
16QAM	2595	38000	20	1	99	22.14
16QAM	2595	38000	20	50	0	21.72
16QAM	2595	38000	20	50	24	21.42
16QAM	2595	38000	20	50	50	21.12
16QAM	2595	38000	20	100	0	21.35
16QAM	2610	38150	20	1	0	21.62
16QAM	2610	38150	20	1	49	21.68
16QAM	2610	38150	20	1	99	22.36
16QAM	2610	38150	20	50	0	20.96
16QAM	2610	38150	20	50	24	21.03
16QAM	2610	38150	20	50	50	21.18
16QAM	2610	38150	20	100	0	21.08
64QAM	2580	37850	20	1	0	21.28
64QAM	2580	37850	20	1	49	21.81
64QAM	2580	37850	20	1	99	21.79
64QAM	2580	37850	20	50	0	20.65
64QAM	2580	37850	20	50	24	20.90
64QAM	2580	37850	20	50	50	20.97
64QAM	2580	37850	20	100	0	20.84
64QAM	2595	38000	20	1	0	21.84
64QAM	2595	38000	20	1	49	21.27
64QAM	2595	38000	20	1	99	20.76
64QAM	2595	38000	20	50	0	20.70
64QAM	2595	38000	20	50	24	20.35
64QAM	2595	38000	20	50	50	20.09
64QAM	2595	38000	20	100	0	20.39
64QAM	2610	38150	20	1	0	21.10
64QAM	2610	38150	20	1	49	21.19
64QAM	2610	38150	20	1	99	21.64
64QAM	2610	38150	20	50	0	19.87
64QAM	2610	38150	20	50	24	20.12
64QAM	2610	38150	20	50	50	20.29
64QAM	2610	38150	20	100	0	20.19

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	23.14
QPSK	2580	37850	20	1	49	23.66
QPSK	2580	37850	20	1	99	23.77
QPSK	2580	37850	20	50	0	22.64
QPSK	2580	37850	20	50	24	22.89
QPSK	2580	37850	20	50	50	22.98
QPSK	2580	37850	20	100	0	22.79
QPSK	2595	38000	20	1	0	23.68
QPSK	2595	38000	20	1	49	23.17
QPSK	2595	38000	20	1	99	22.79
QPSK	2595	38000	20	50	0	22.72
QPSK	2595	38000	20	50	24	22.32
QPSK	2595	38000	20	50	50	22.09
QPSK	2595	38000	20	100	0	22.37
QPSK	2610	38150	20	1	0	22.70
QPSK	2610	38150	20	1	49	22.70
QPSK	2610	38150	20	1	99	23.24
QPSK	2610	38150	20	50	0	21.87
QPSK	2610	38150	20	50	24	21.98
QPSK	2610	38150	20	50	50	22.05
QPSK	2610	38150	20	100	0	22.02

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	4.472	Fig.1
38	QPSK	2595	38000	5	25	0	4.493	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.472	Fig.3
38	QPSK	2575	37800	10	50	0	8.944	Fig.4
38	QPSK	2595	38000	10	50	0	8.944	Fig.5
38	QPSK	2615	38200	10	50	0	8.944	Fig.6
38	QPSK	2577.5	37825	15	75	0	13.415	Fig.7
38	QPSK	2595	38000	15	75	0	13.546	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.480	Fig.9
38	QPSK	2580	37850	20	100	0	17.887	Fig.10
38	QPSK	2595	38000	20	100	0	17.887	Fig.11
38	QPSK	2610	38150	20	100	0	17.887	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	4.472	Fig.13
38	16QAM	2595	38000	5	25	0	4.472	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.472	Fig.15
38	16QAM	2575	37800	10	50	0	8.987	Fig.16
38	16QAM	2595	38000	10	50	0	8.944	Fig.17
38	16QAM	2615	38200	10	50	0	8.987	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.415	Fig.19
38	16QAM	2595	38000	15	75	0	13.480	Fig.20
38	16QAM	2612.5	38175	15	75	0	13.415	Fig.21
38	16QAM	2580	37850	20	100	0	17.887	Fig.22
38	16QAM	2595	38000	20	100	0	17.887	Fig.23
38	16QAM	2610	38150	20	100	0	17.887	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	4.493	Fig.25
38	64QAM	2595	38000	5	25	0	4.472	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.472	Fig.27
38	64QAM	2575	37800	10	50	0	8.944	Fig.28
38	64QAM	2595	38000	10	50	0	8.944	Fig.29
38	64QAM	2615	38200	10	50	0	8.944	Fig.30
38	64QAM	2577.5	37825	15	75	0	13.415	Fig.31
38	64QAM	2595	38000	15	75	0	13.415	Fig.32
38	64QAM	2612.5	38175	15	75	0	13.415	Fig.33
38	64QAM	2580	37850	20	100	0	17.887	Fig.34
38	64QAM	2595	38000	20	100	0	17.887	Fig.35
38	64QAM	2610	38150	20	100	0	17.887	Fig.36

Test Mode: QPSK

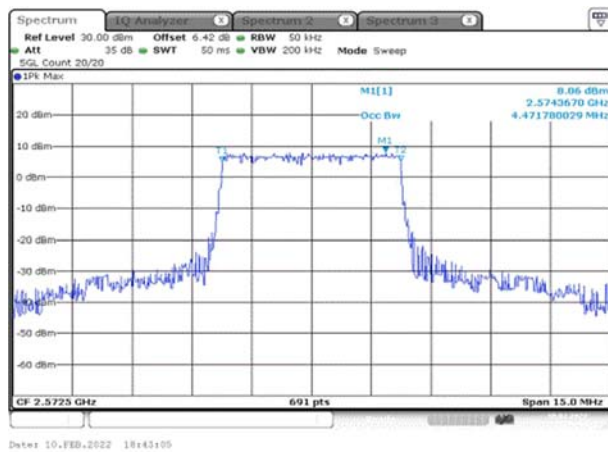


Fig.1

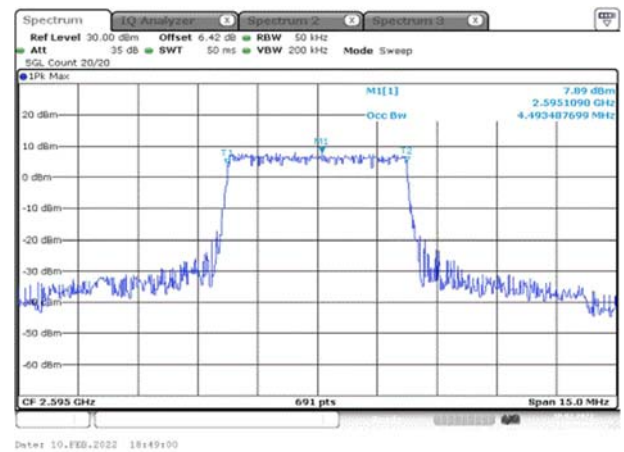


Fig.2

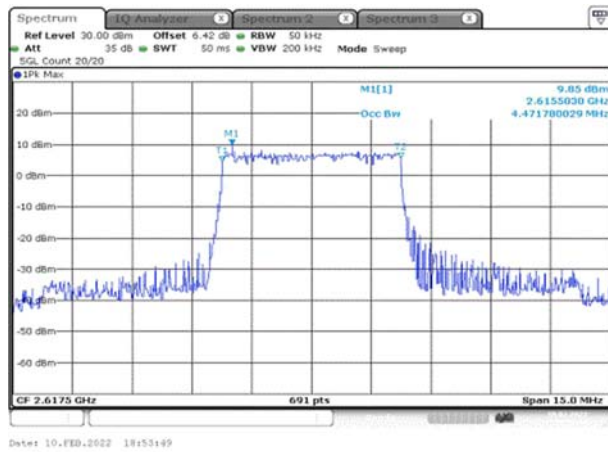


Fig.3

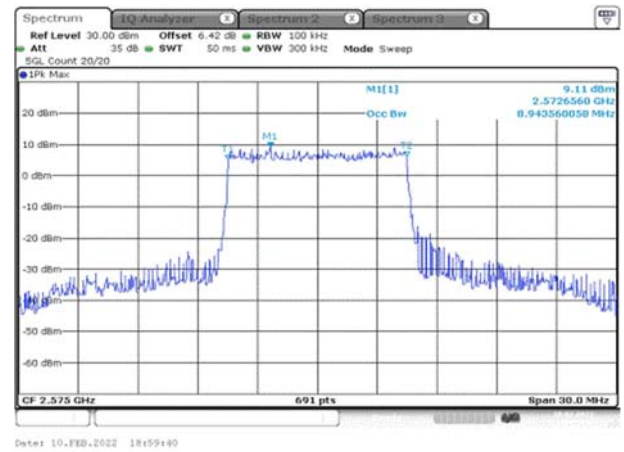


Fig.4

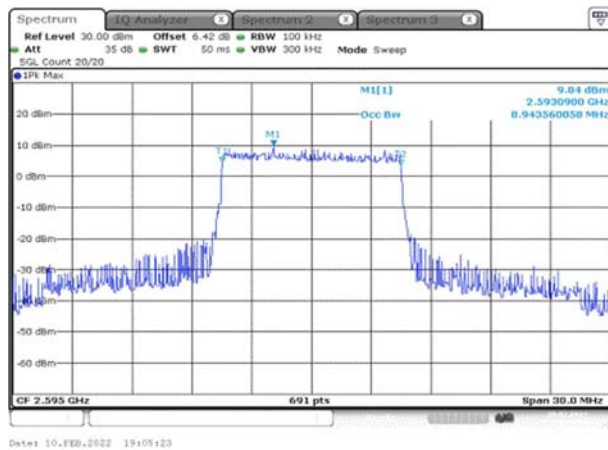


Fig.5

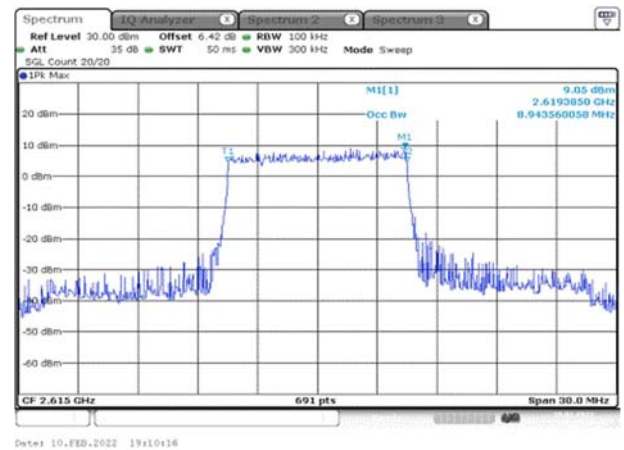


Fig.6

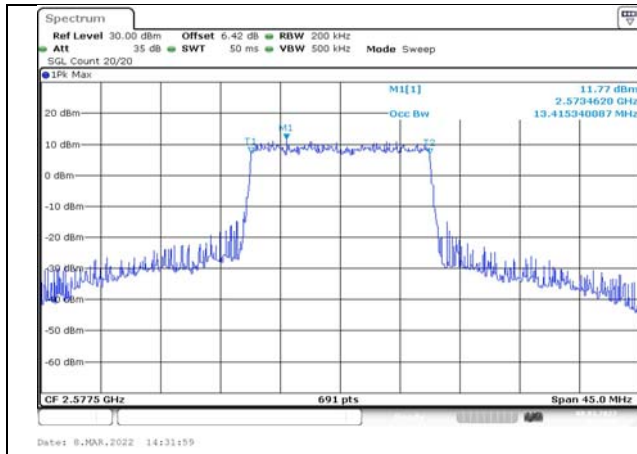


Fig.7

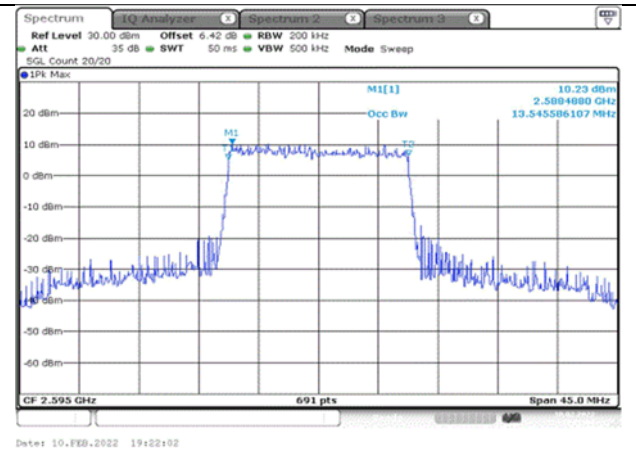


Fig.8

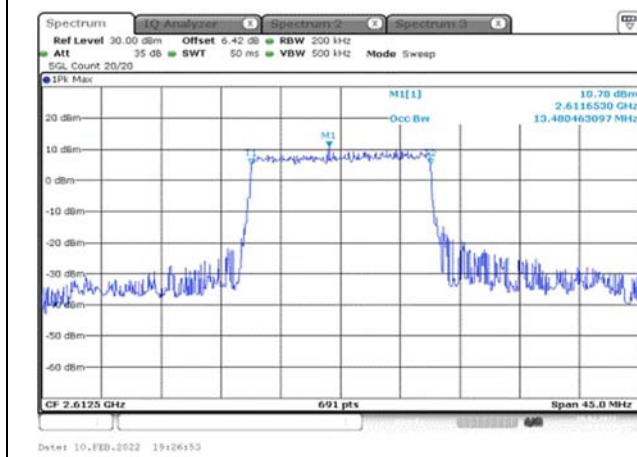


Fig.9

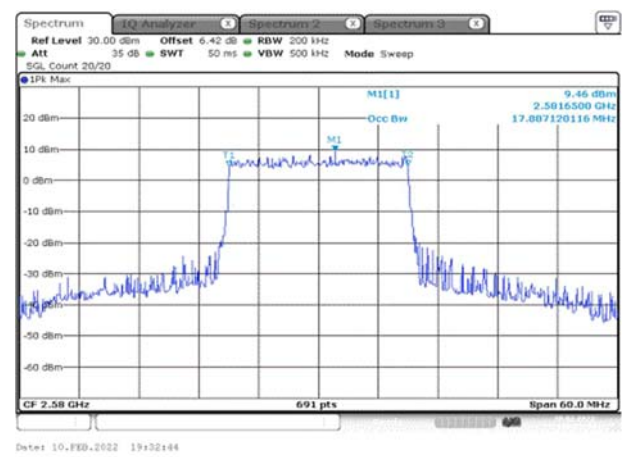


Fig.10

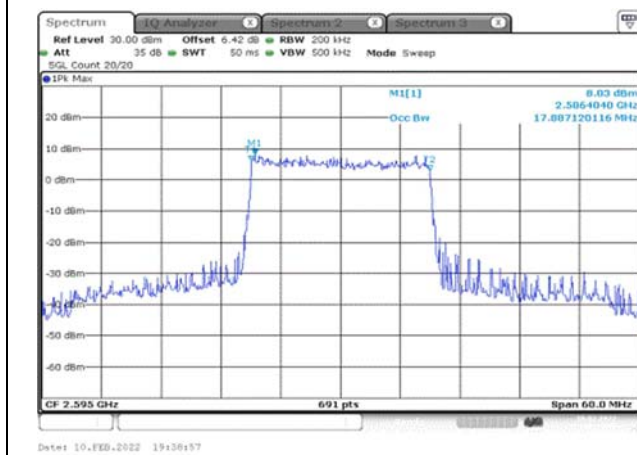


Fig.11

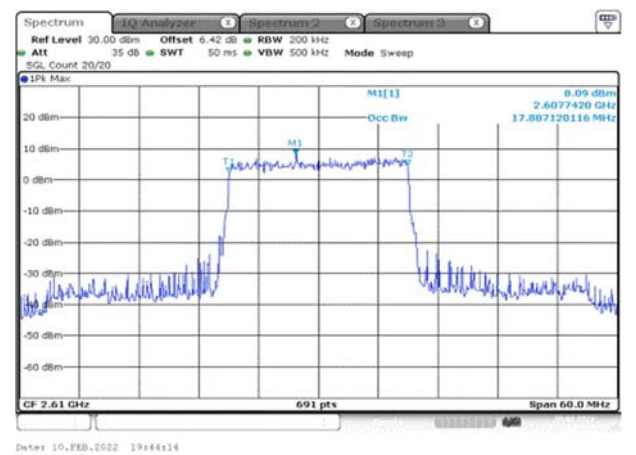


Fig.12

Test Mode: 16QAM

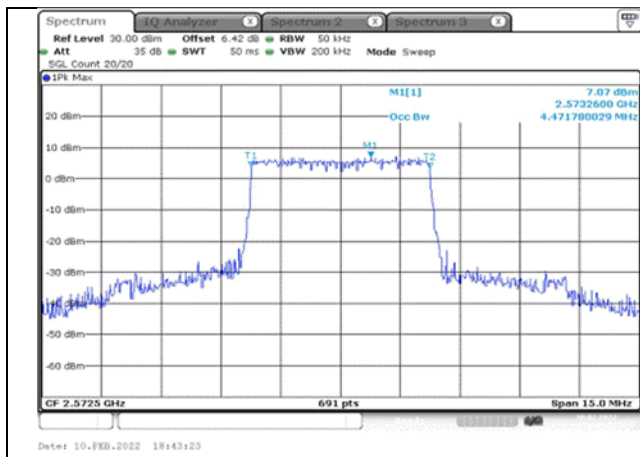


Fig.13

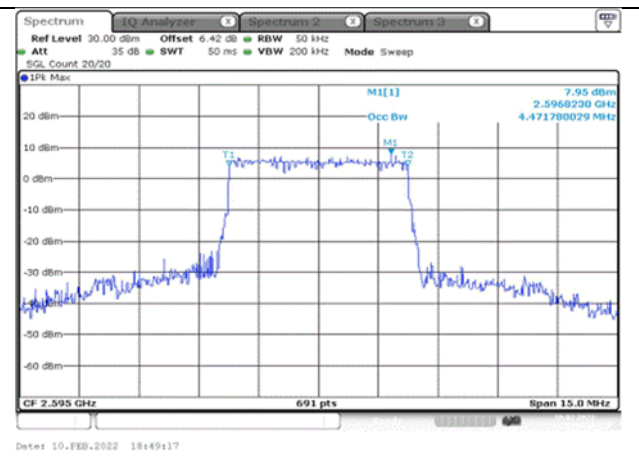


Fig.14

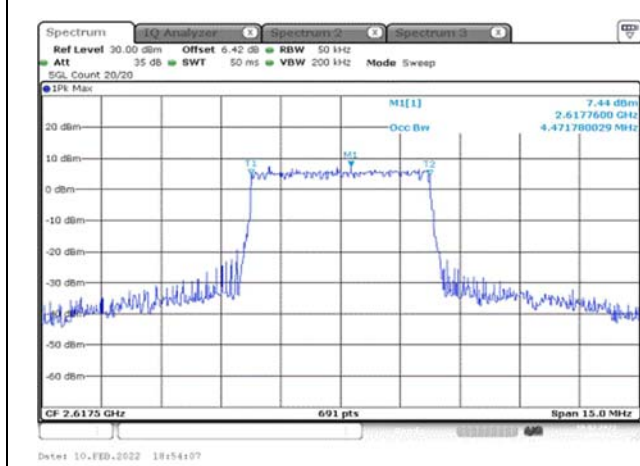


Fig.15

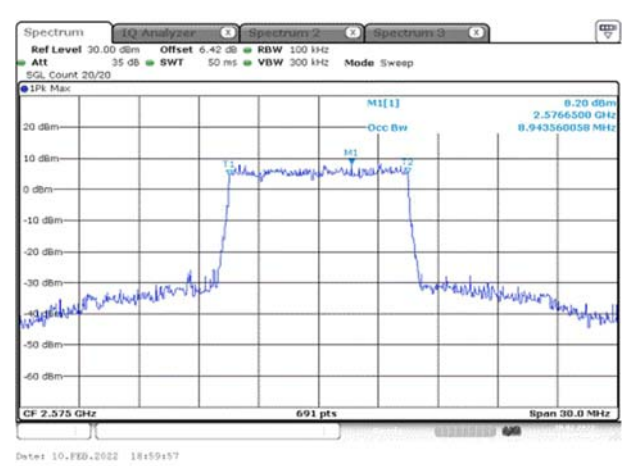


Fig.16

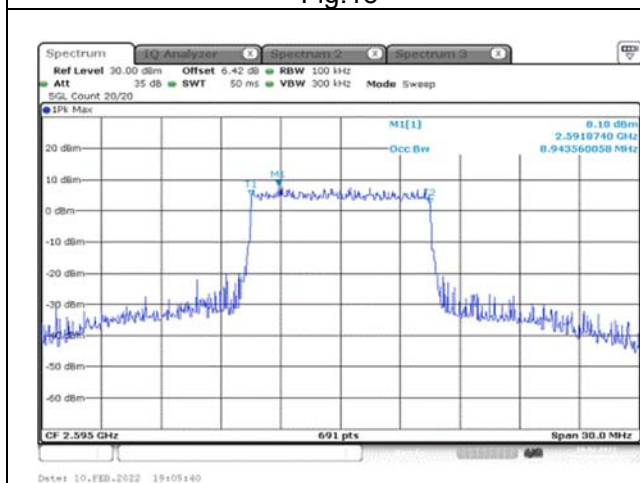


Fig.17

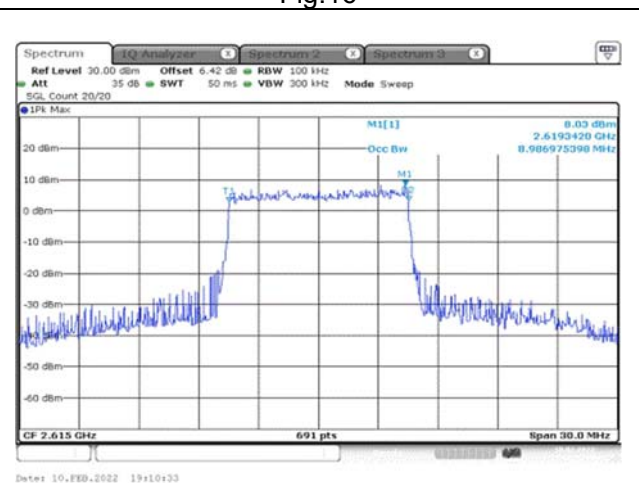


Fig.18

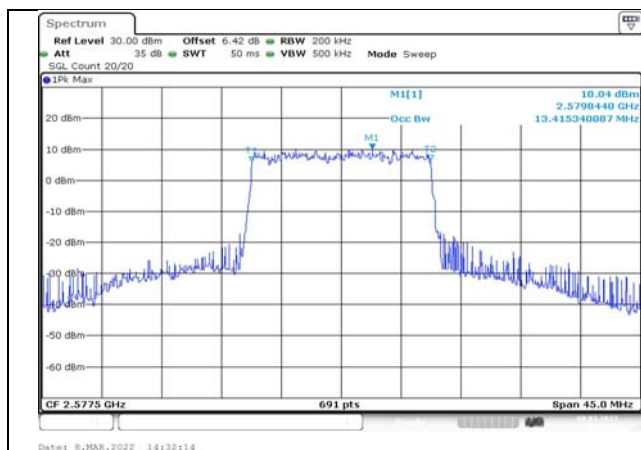


Fig.19

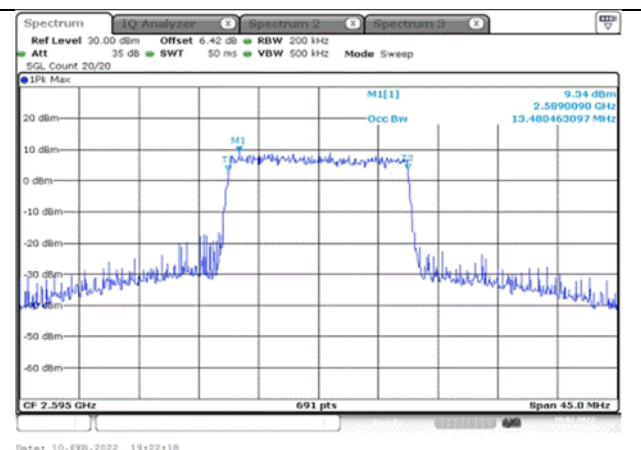


Fig.20

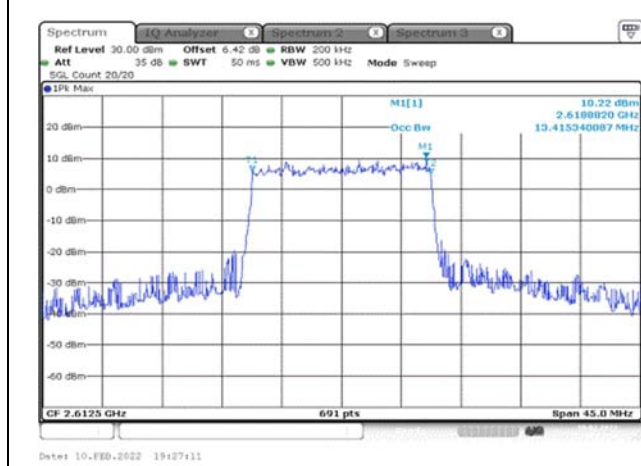


Fig.21

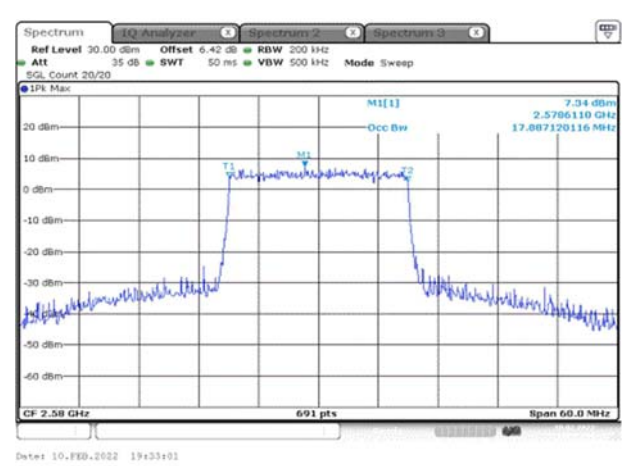


Fig.22

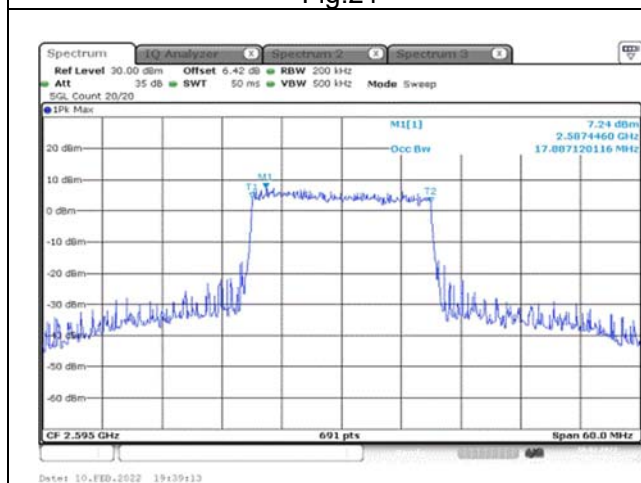


Fig.23

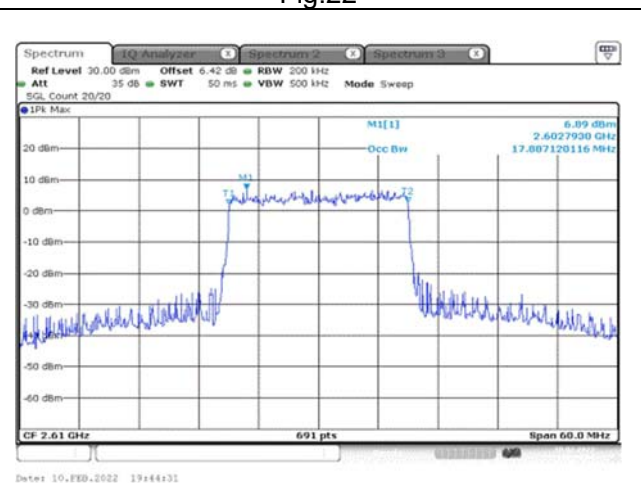


Fig.24

Test Mode: 64QAM

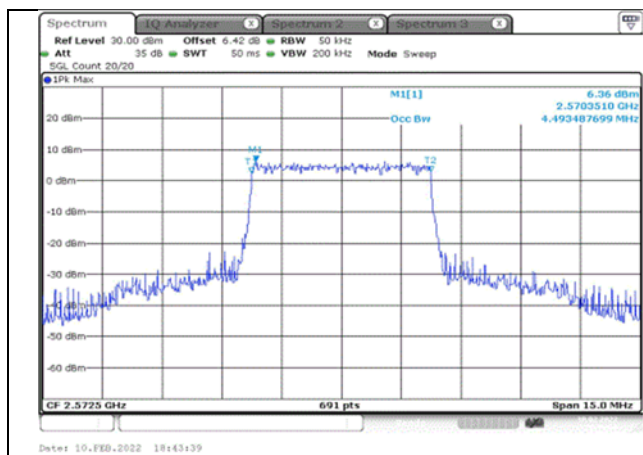


Fig.25

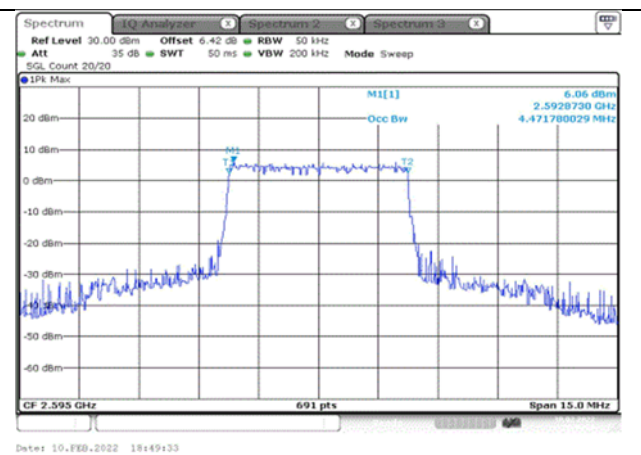


Fig.26

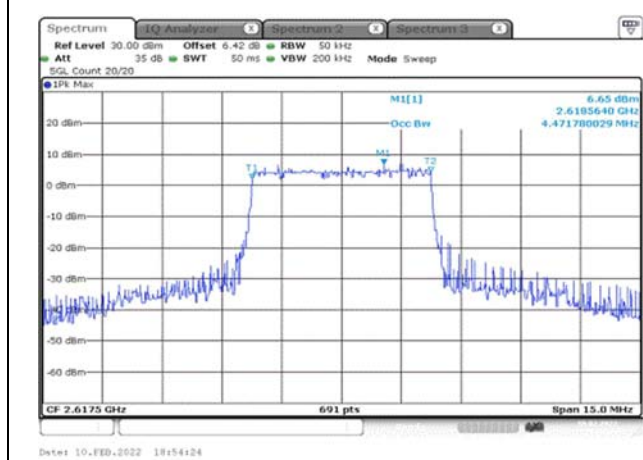


Fig.27

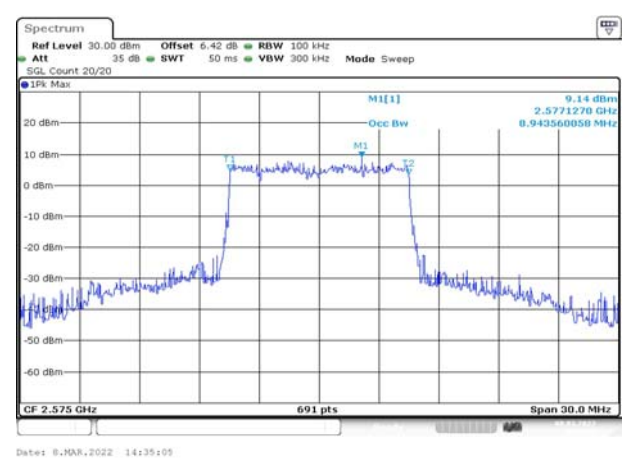


Fig.28

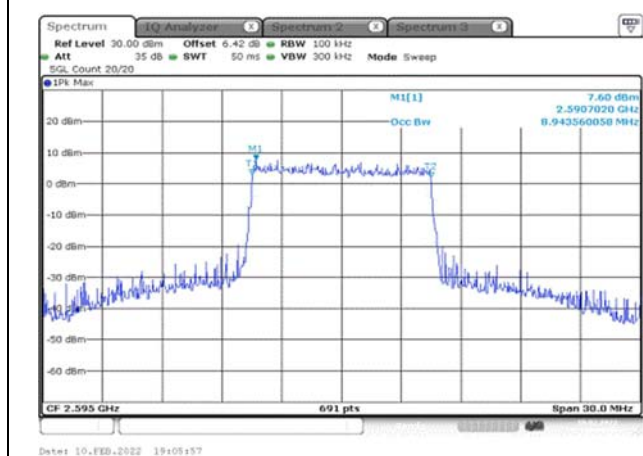


Fig.29

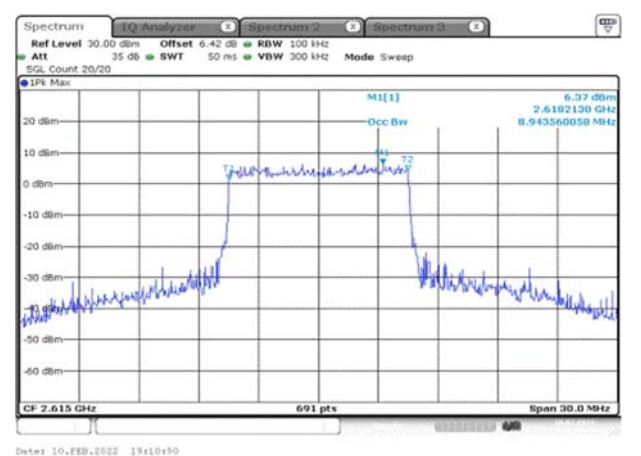
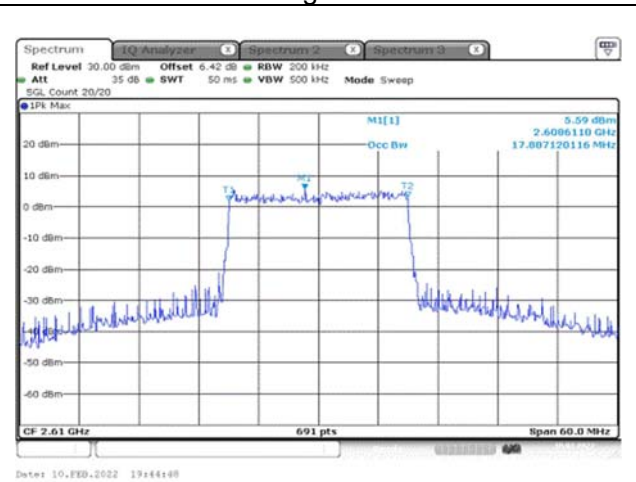
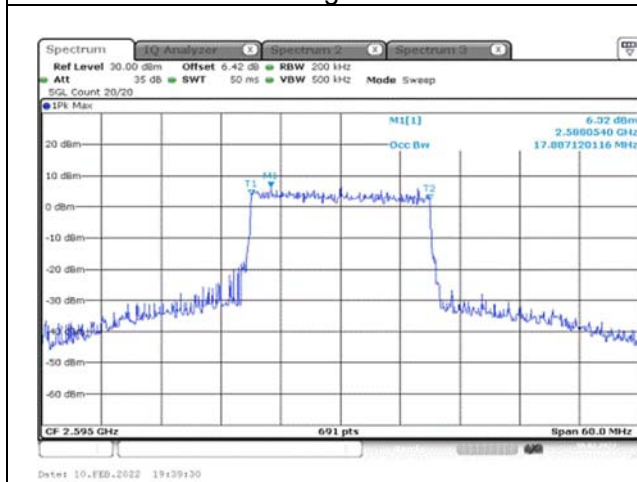
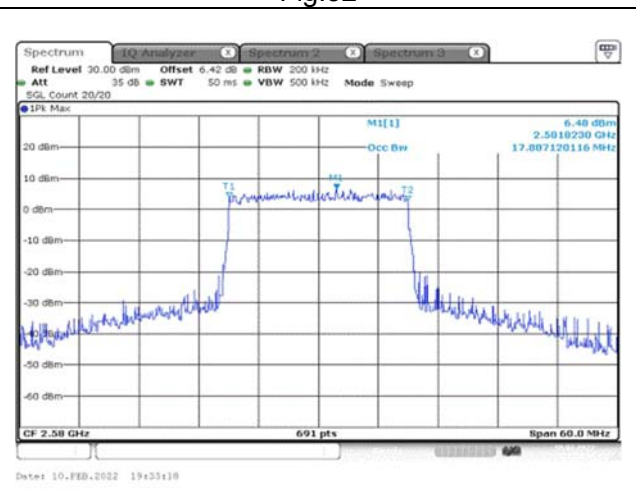
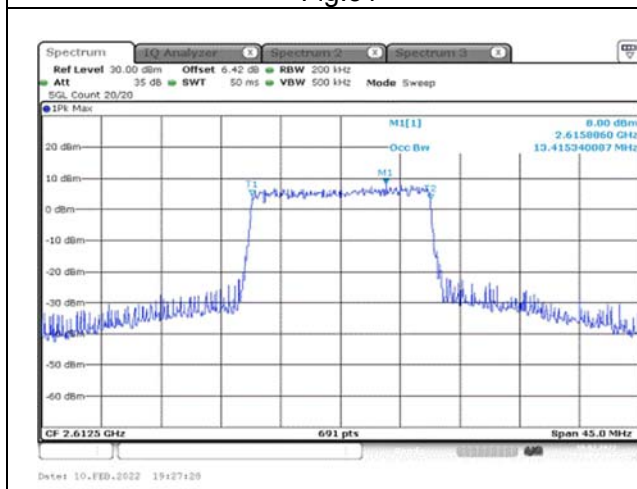
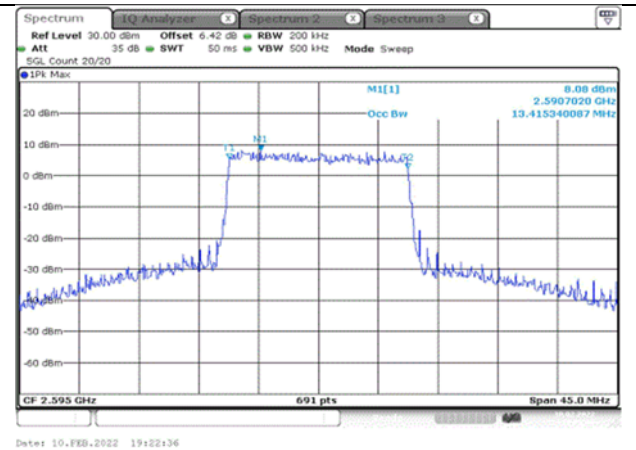
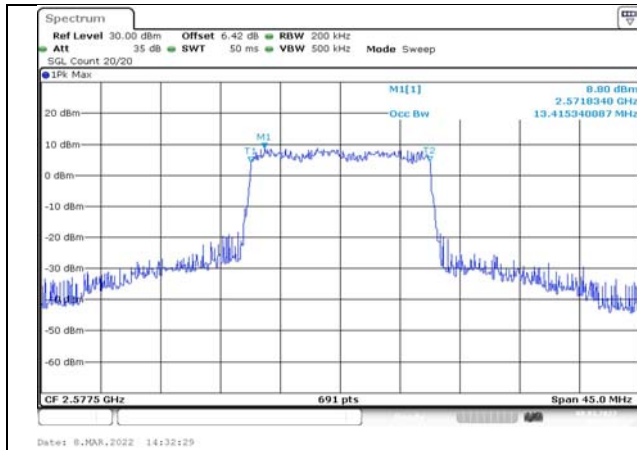


Fig.30



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	4.884	Fig.1
38	QPSK	2595	38000	5	25	0	4.841	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.863	Fig.3
38	QPSK	2575	37800	10	50	0	9.682	Fig.4
38	QPSK	2595	38000	10	50	0	9.682	Fig.5
38	QPSK	2615	38200	10	50	0	9.638	Fig.6
38	QPSK	2577.5	37825	15	75	0	14.457	Fig.7
38	QPSK	2595	38000	15	75	0	14.392	Fig.8
38	QPSK	2612.5	38175	15	75	0	14.392	Fig.9
38	QPSK	2580	37850	20	100	0	19.016	Fig.10
38	QPSK	2595	38000	20	100	0	19.016	Fig.11
38	QPSK	2610	38150	20	100	0	19.103	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	4.819	Fig.13
38	16QAM	2595	38000	5	25	0	4.884	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.776	Fig.15
38	16QAM	2575	37800	10	50	0	9.465	Fig.16
38	16QAM	2595	38000	10	50	0	9.595	Fig.17
38	16QAM	2615	38200	10	50	0	9.595	Fig.18
38	16QAM	2577.5	37825	15	75	0	14.457	Fig.19
38	16QAM	2595	38000	15	75	0	14.327	Fig.20
38	16QAM	2612.5	38175	15	75	0	14.457	Fig.21
38	16QAM	2580	37850	20	100	0	19.016	Fig.22
38	16QAM	2595	38000	20	100	0	19.016	Fig.23
38	16QAM	2610	38150	20	100	0	18.929	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	4.863	Fig.25
38	64QAM	2595	38000	5	25	0	4.841	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.819	Fig.27
38	64QAM	2575	37800	10	50	0	9.508	Fig.28
38	64QAM	2595	38000	10	50	0	9.551	Fig.29
38	64QAM	2615	38200	10	50	0	9.595	Fig.30
38	64QAM	2577.5	37825	15	75	0	14.522	Fig.31
38	64QAM	2595	38000	15	75	0	14.522	Fig.32
38	64QAM	2612.5	38175	15	75	0	14.522	Fig.33
38	64QAM	2580	37850	20	100	0	18.929	Fig.34
38	64QAM	2595	38000	20	100	0	19.103	Fig.35
38	64QAM	2610	38150	20	100	0	18.929	Fig.36

Test Mode: QPSK

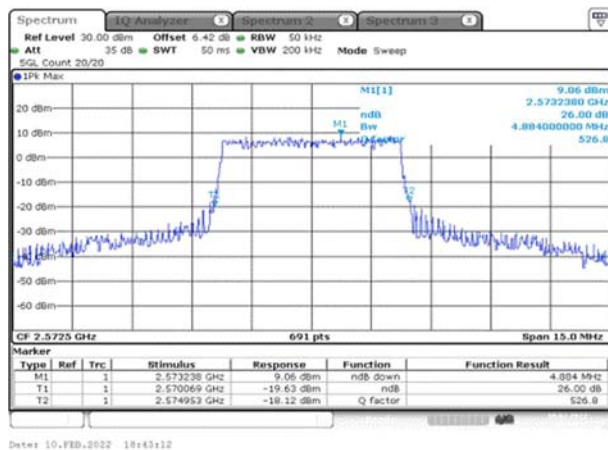


Fig.1

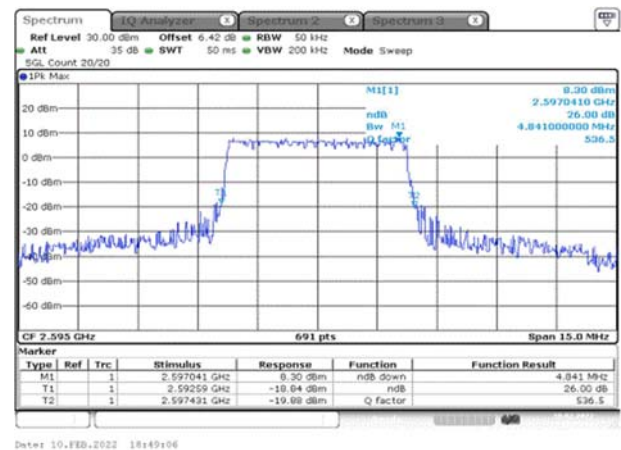


Fig.2

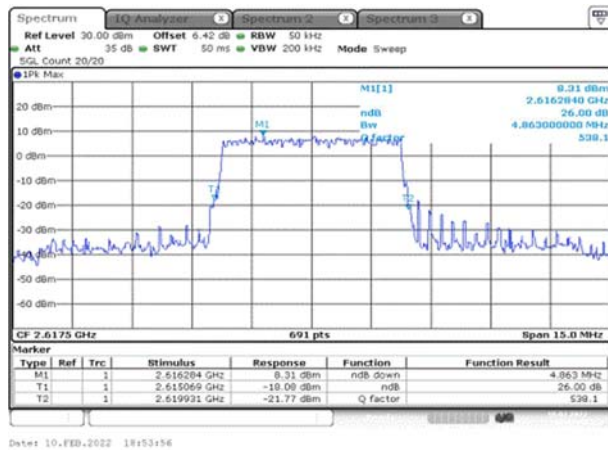


Fig.3

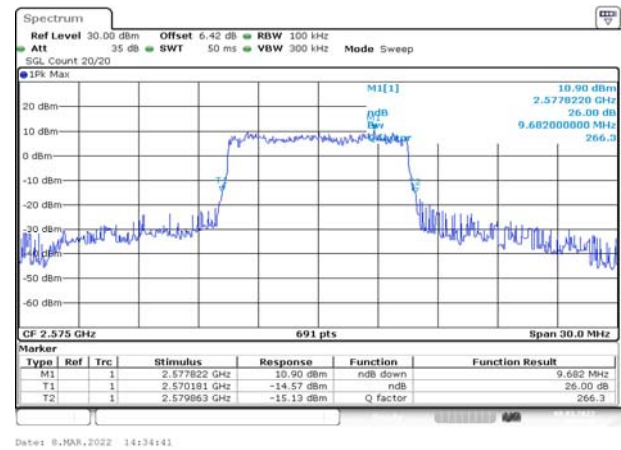


Fig.4

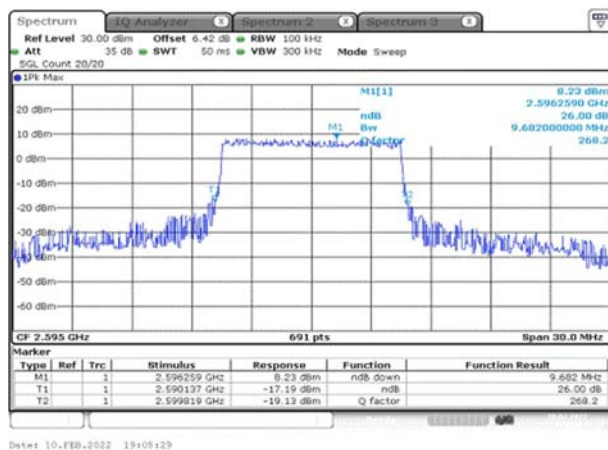


Fig.5

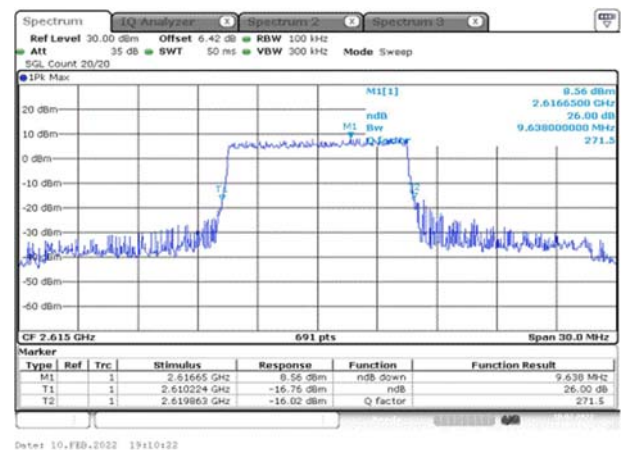


Fig.6

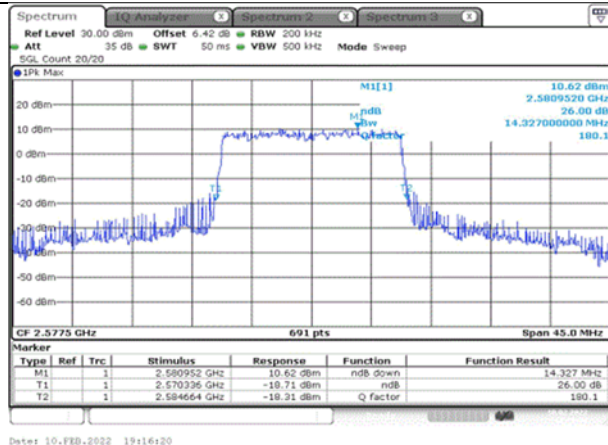


Fig.7

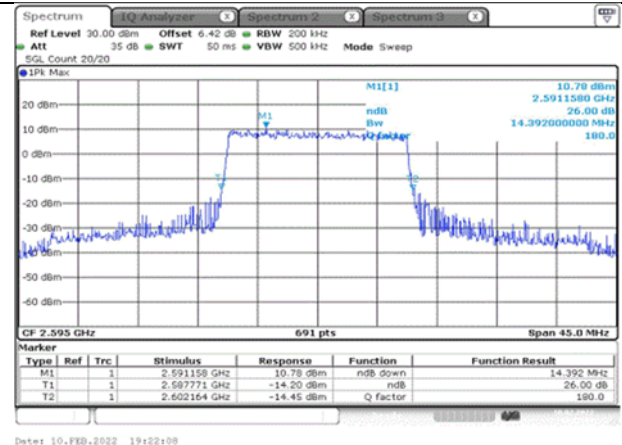


Fig.8

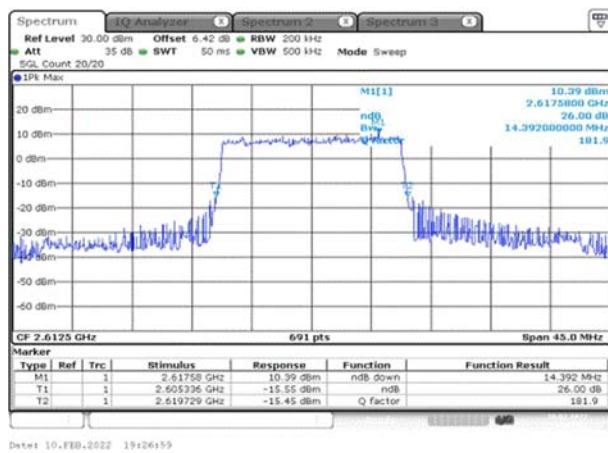


Fig.9

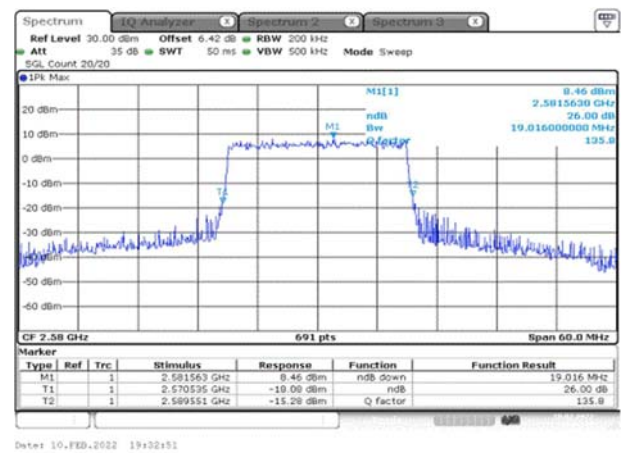


Fig.10

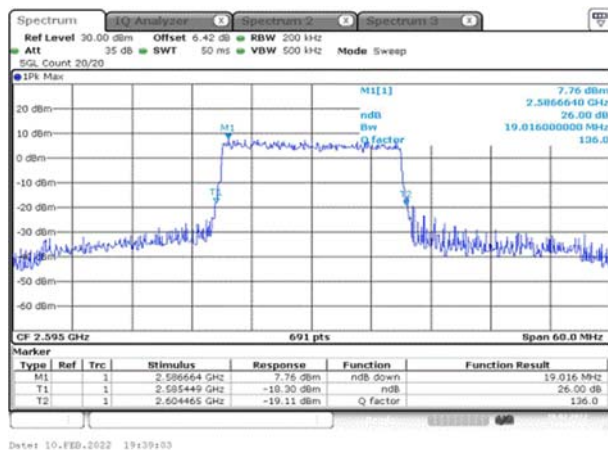


Fig.11

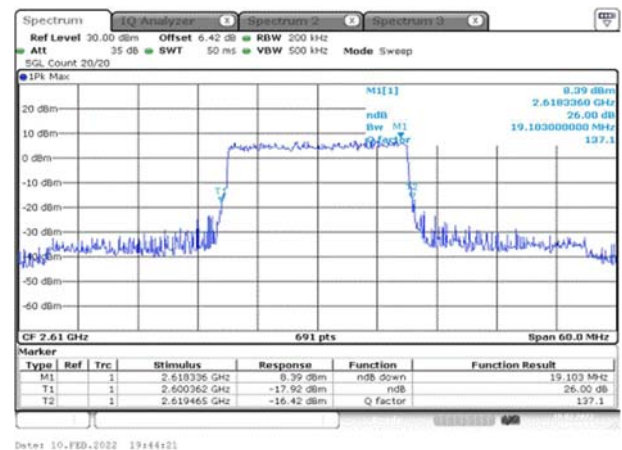


Fig.12

Test Mode: 16QAM

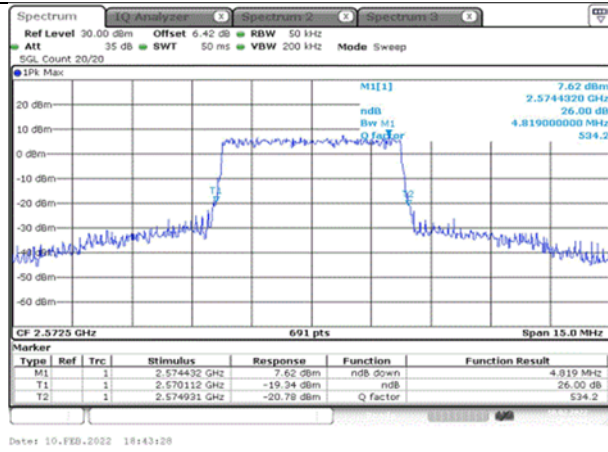


Fig.13

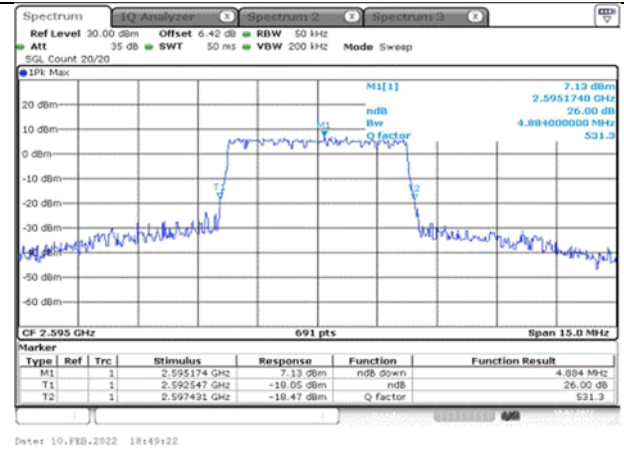


Fig.14

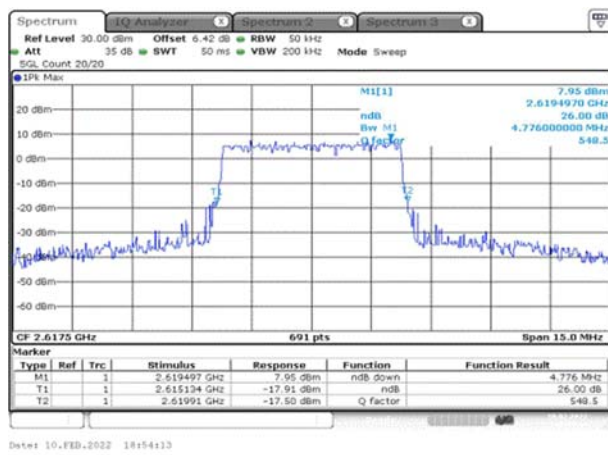


Fig.15

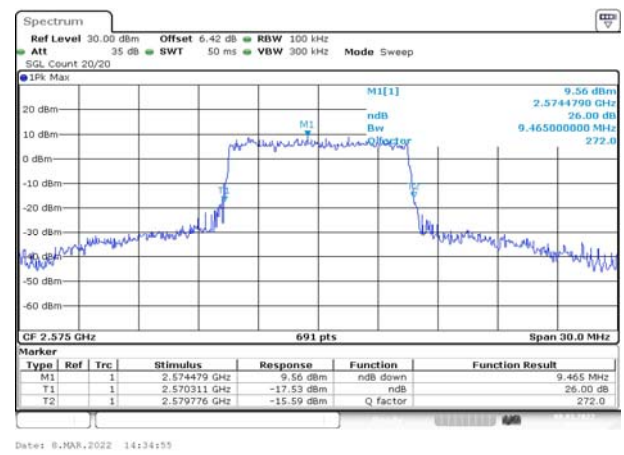


Fig.16

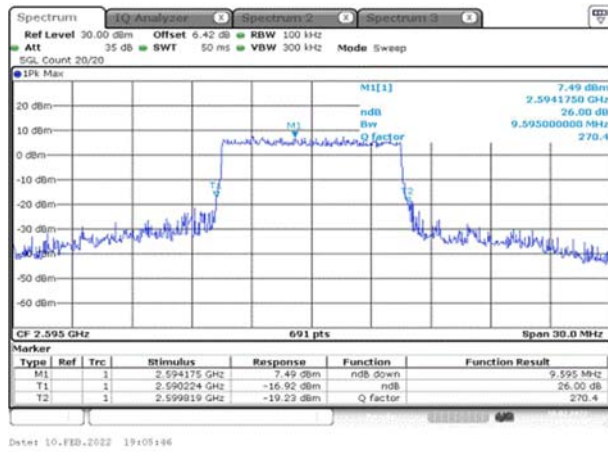


Fig.17

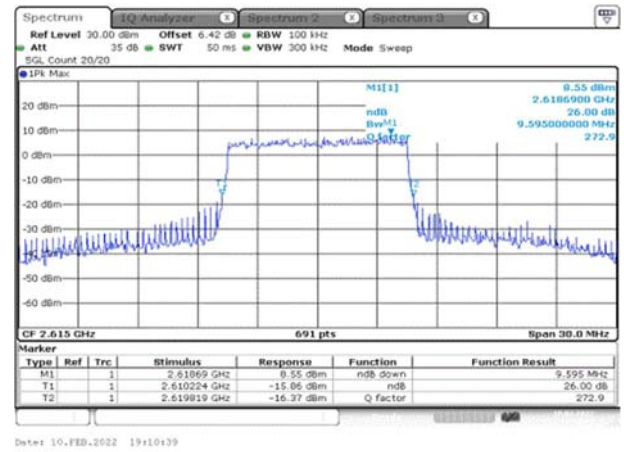


Fig.18

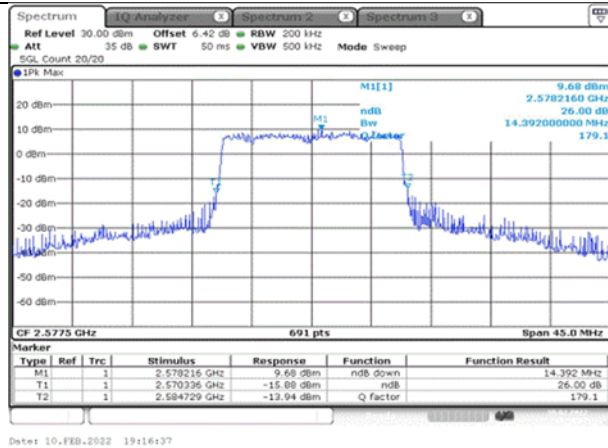


Fig.19

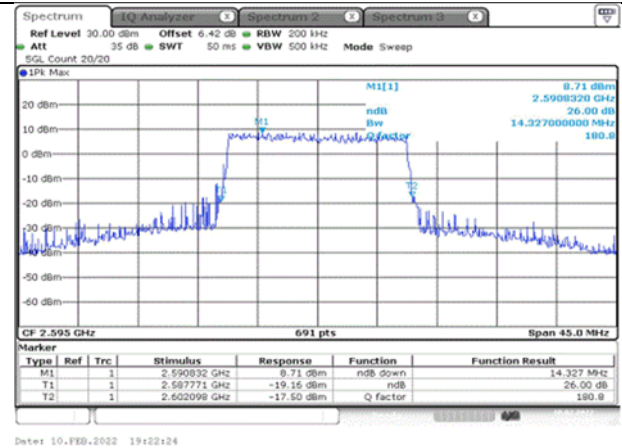


Fig.20

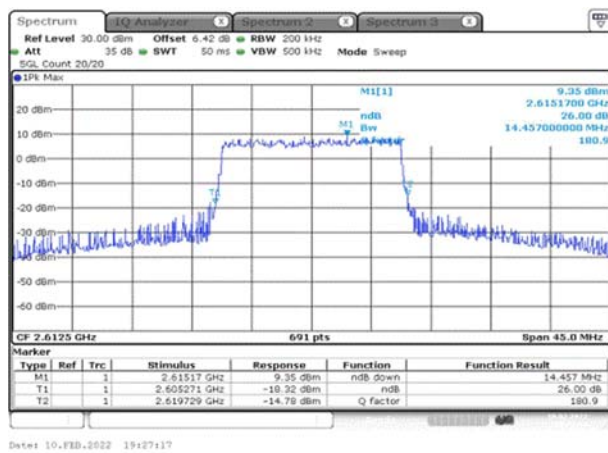


Fig.21

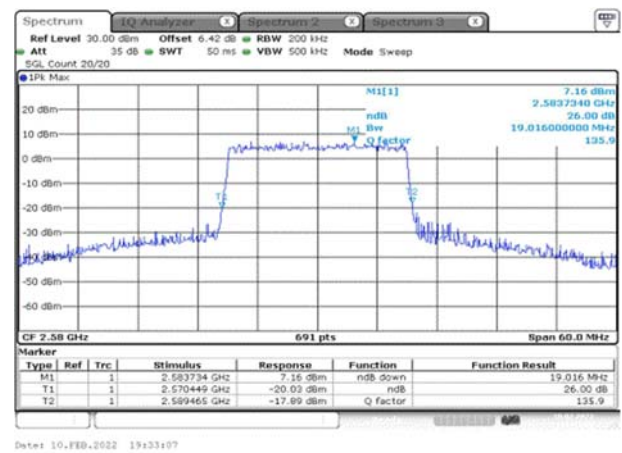


Fig.22

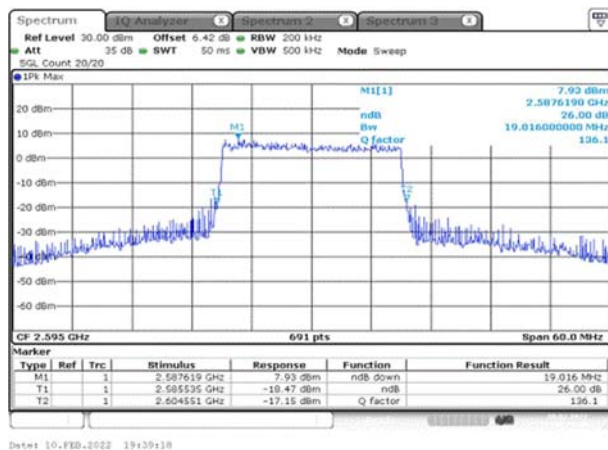


Fig.23

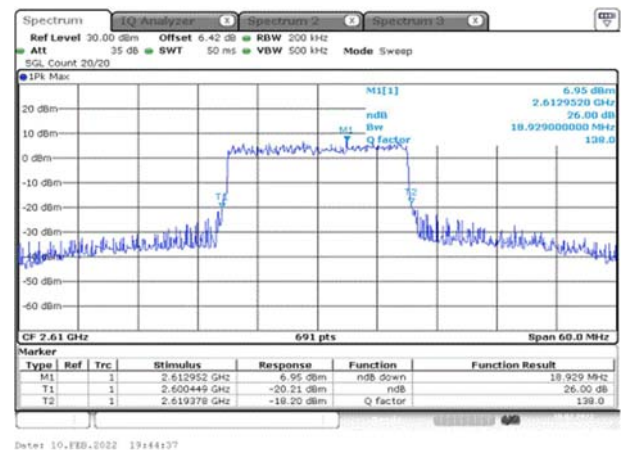


Fig.24

Test Mode: 64QAM

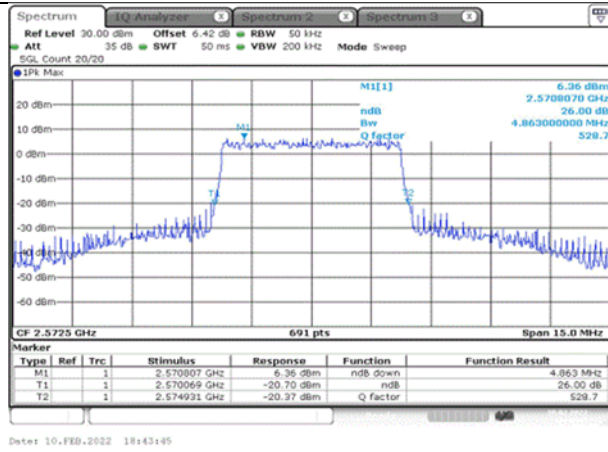


Fig.25

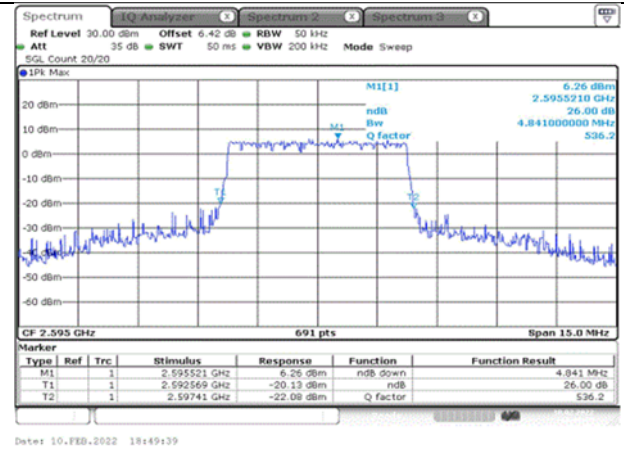


Fig.26

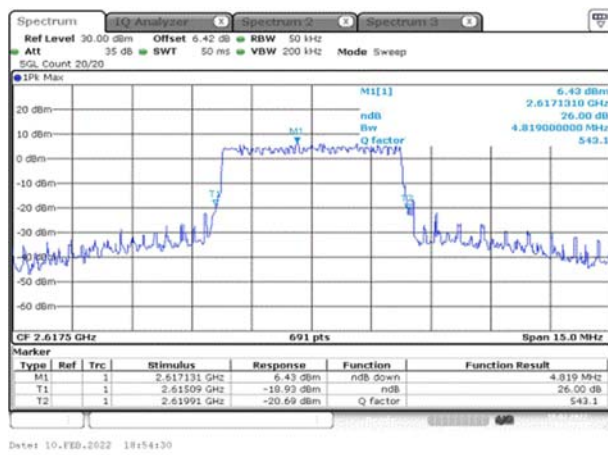


Fig.27

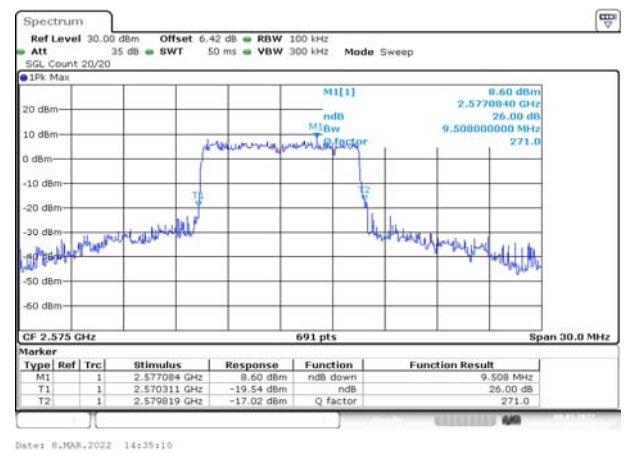


Fig.28

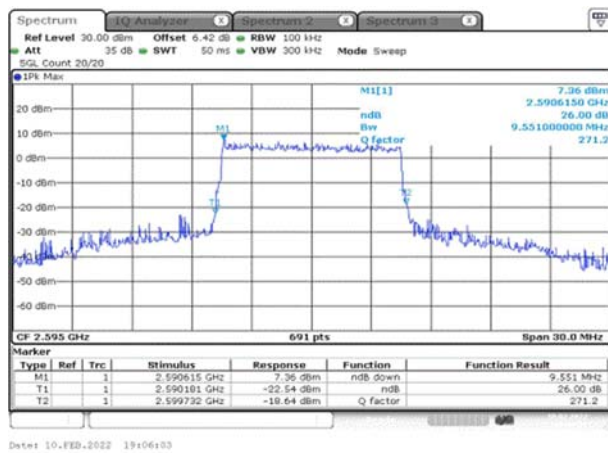


Fig.29

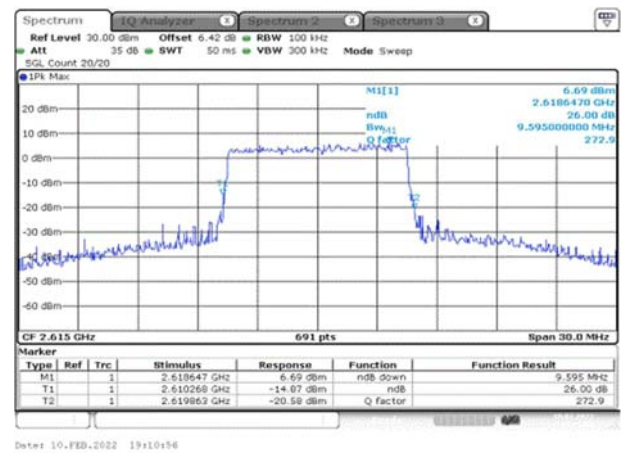


Fig.30

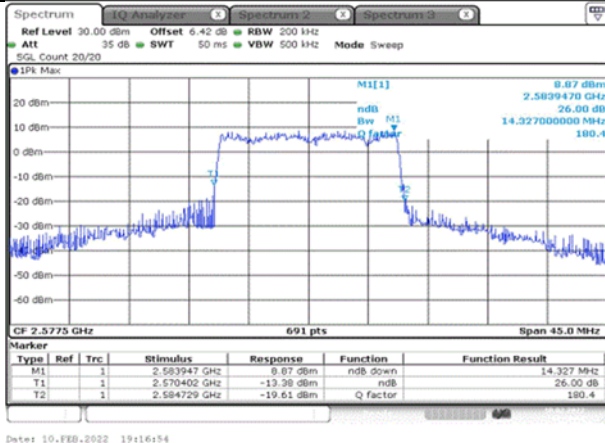


Fig.31

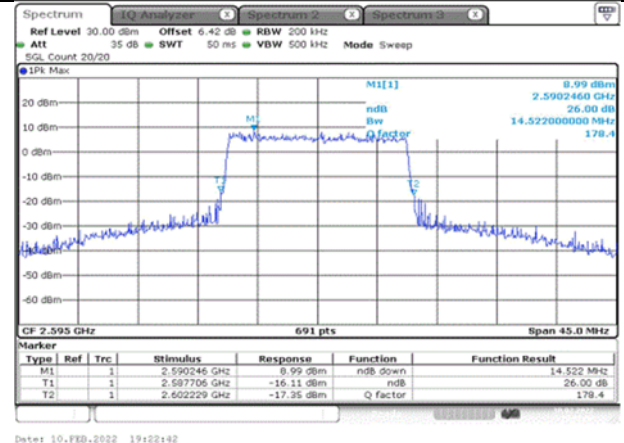


Fig.32

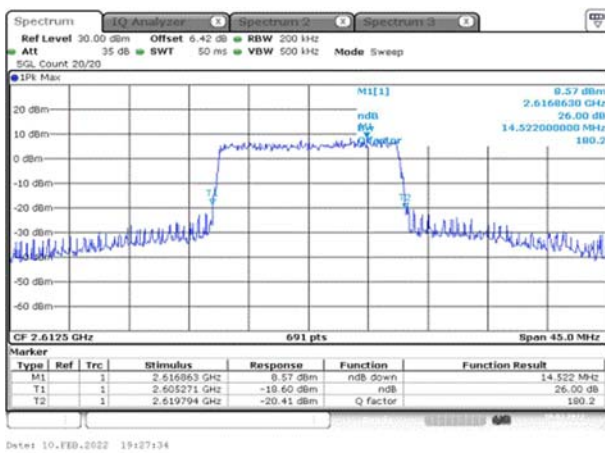


Fig.33

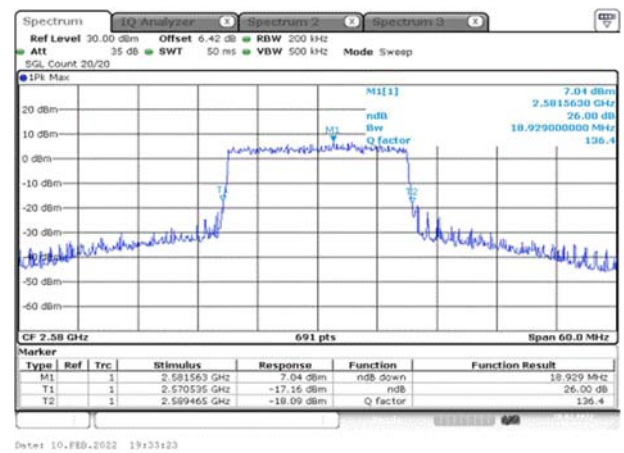


Fig.34

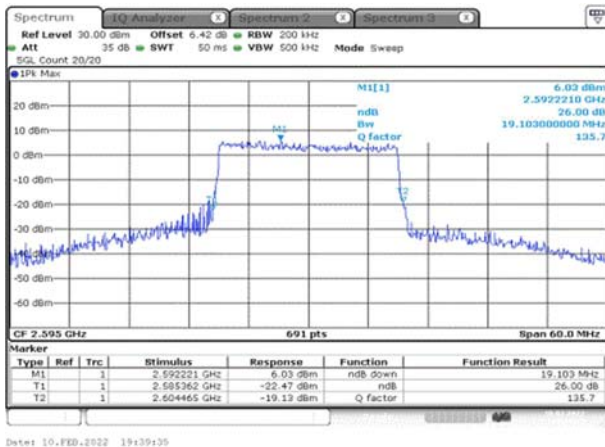


Fig.35

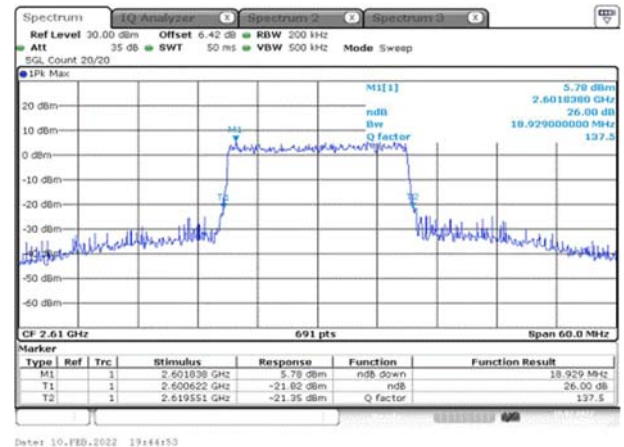


Fig.36

4 Peak-Average Ratio

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

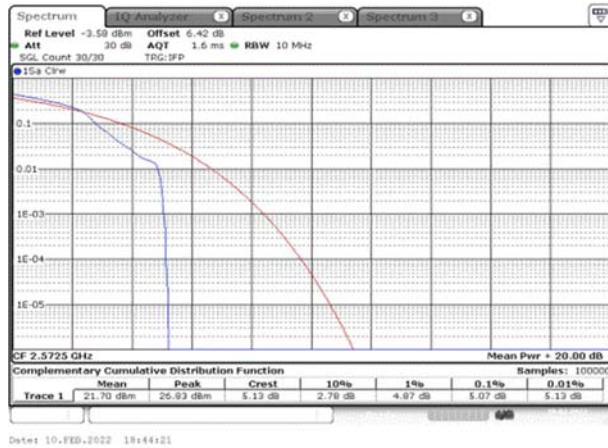


Fig.1

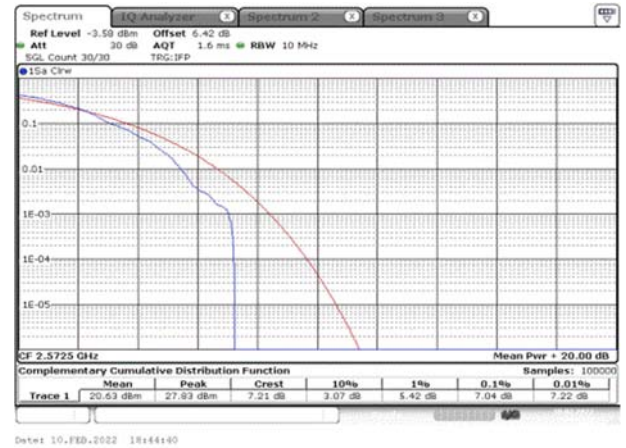


Fig.2

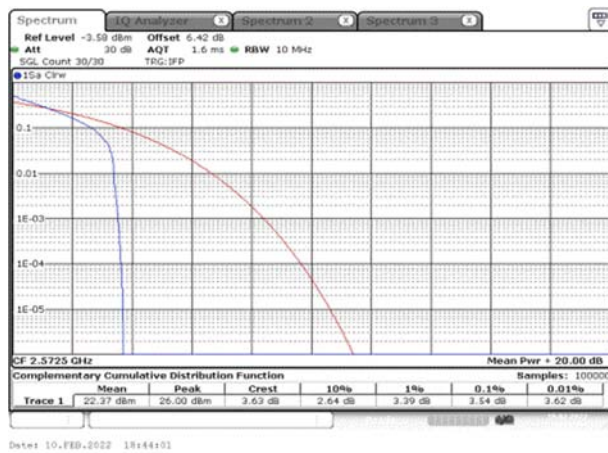


Fig.3

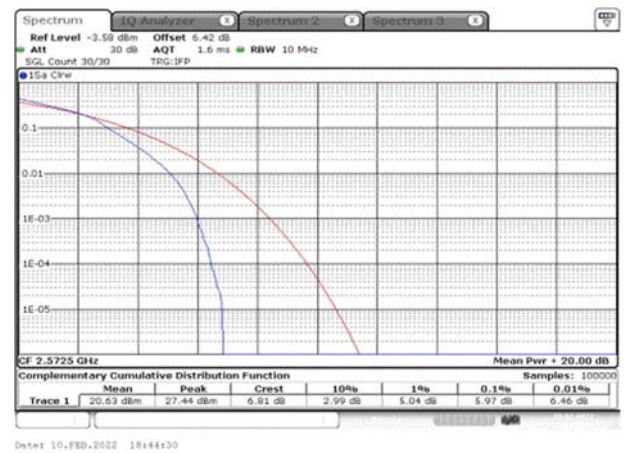


Fig.4

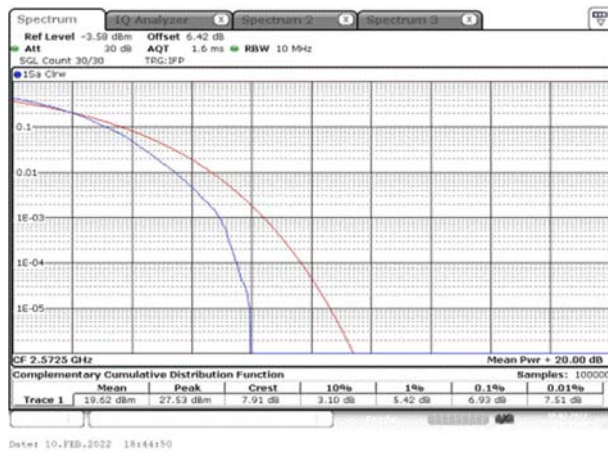


Fig.5

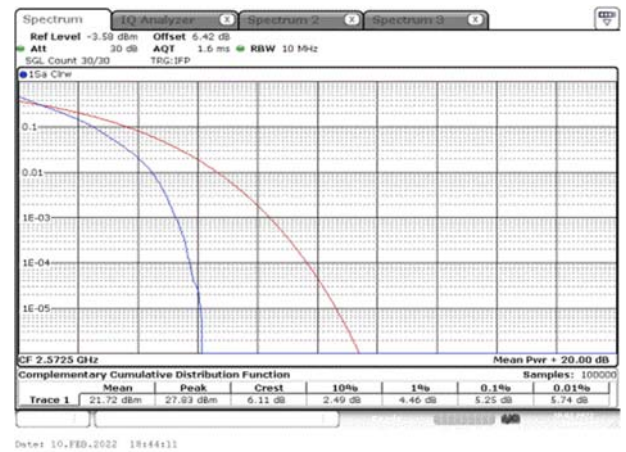


Fig.6

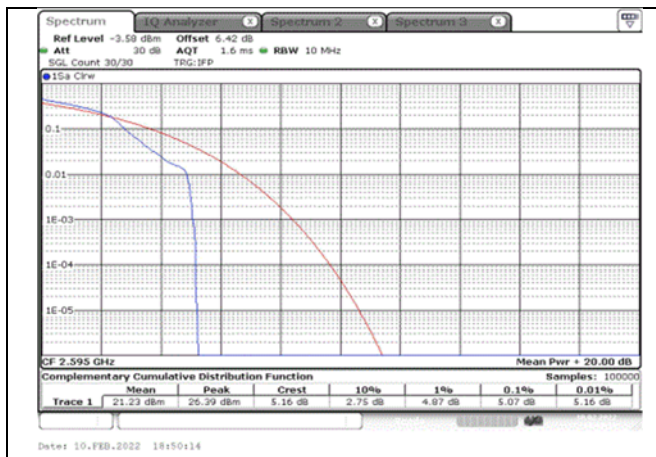


Fig.7

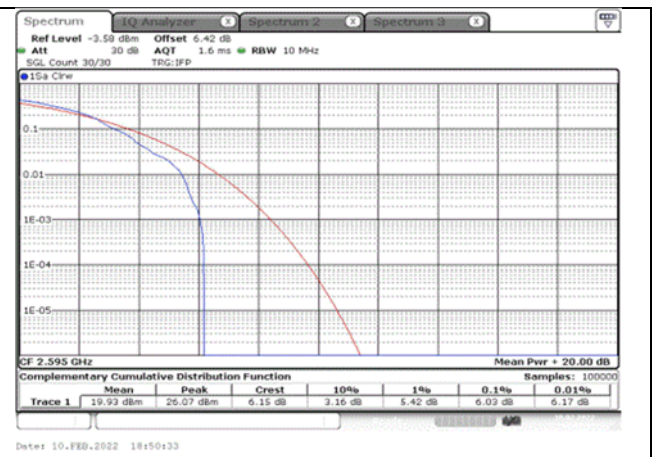


Fig.8

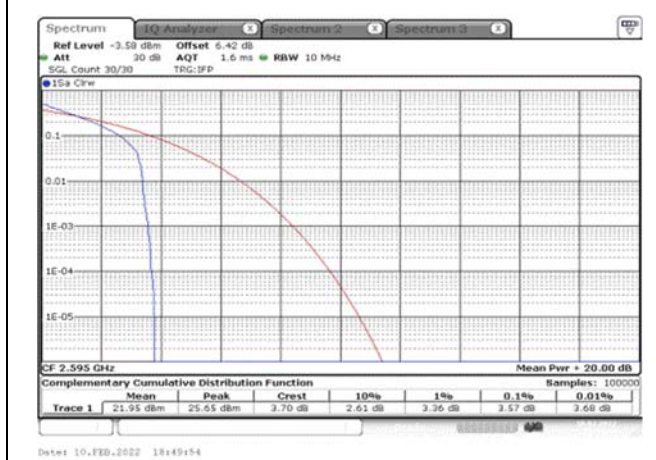


Fig.9

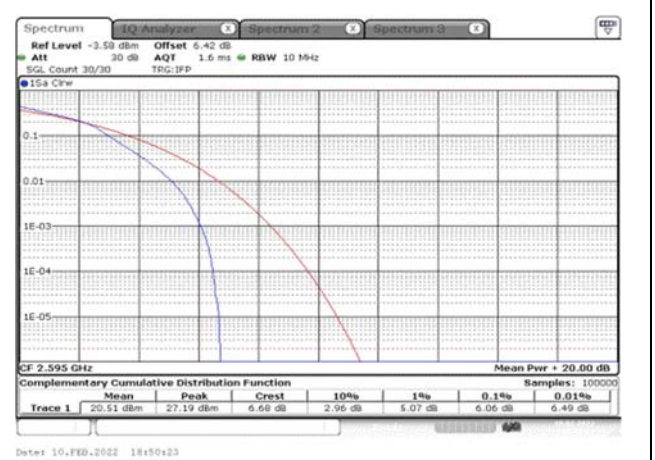


Fig.10

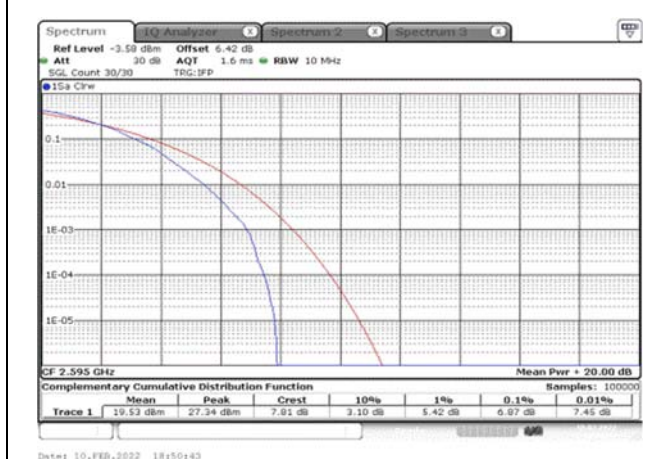


Fig.11

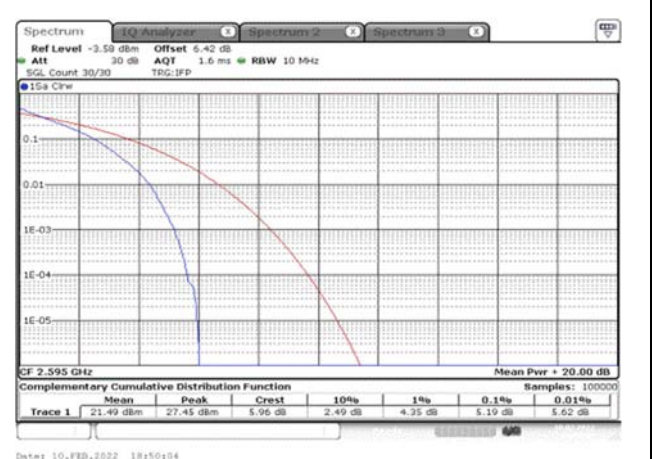


Fig.12

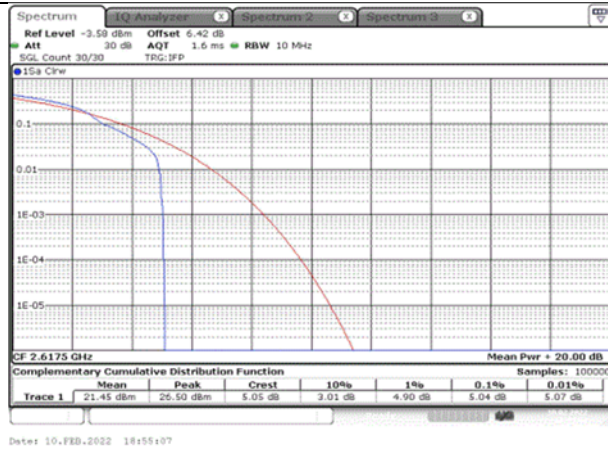


Fig.13

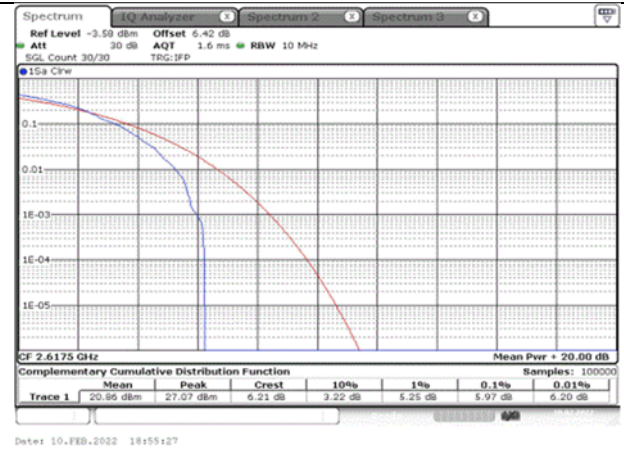


Fig.14

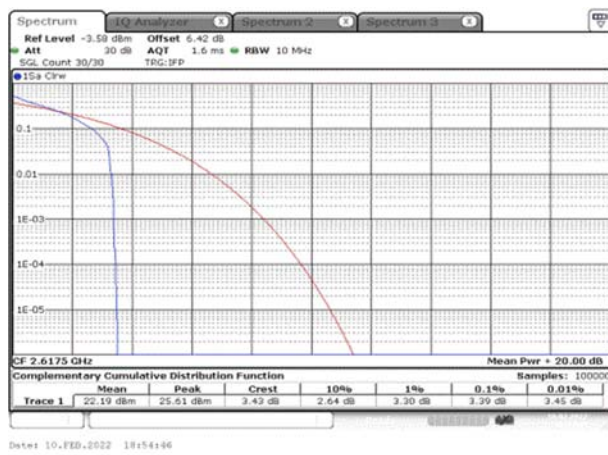


Fig.15

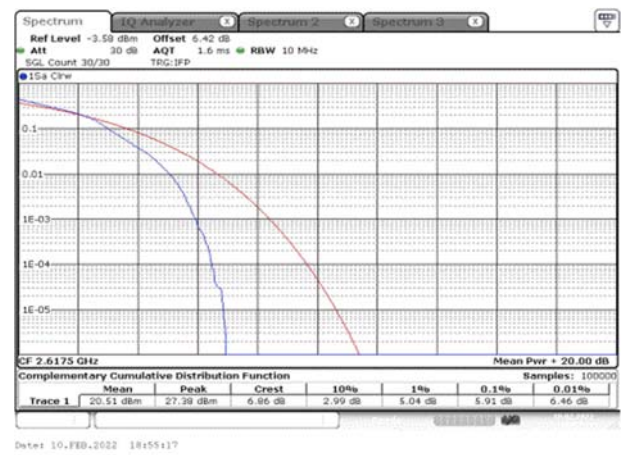


Fig.16

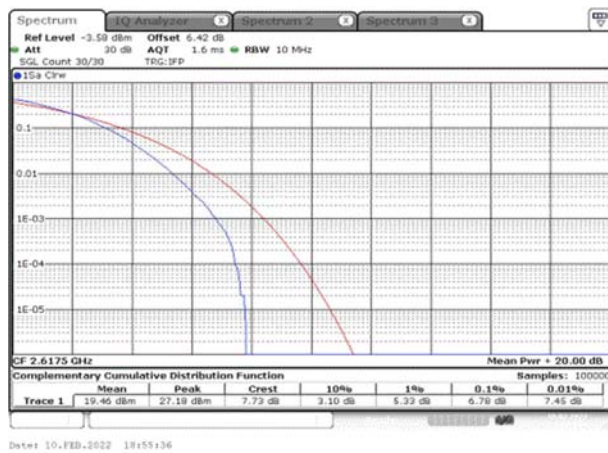


Fig.17

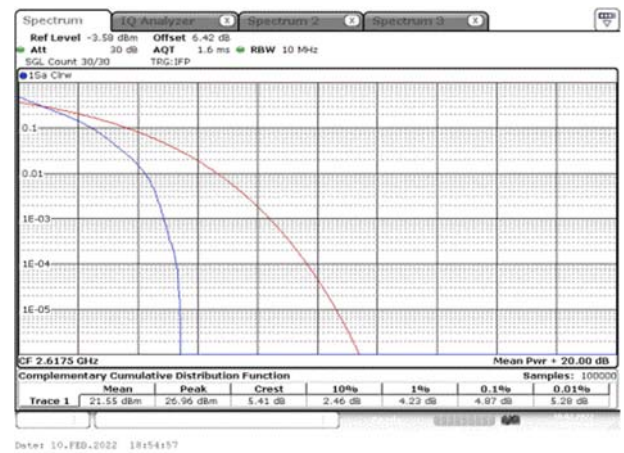


Fig.18