

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	23.28
16QAM	2572.5	37775	5	1	12	23.33
16QAM	2572.5	37775	5	1	24	23.34
16QAM	2572.5	37775	5	12	0	22.04
16QAM	2572.5	37775	5	12	7	22.05
16QAM	2572.5	37775	5	12	13	22.07
16QAM	2572.5	37775	5	25	0	22.36
16QAM	2595	38000	5	1	0	23.62
16QAM	2595	38000	5	1	12	23.59
16QAM	2595	38000	5	1	24	23.64
16QAM	2595	38000	5	12	0	21.99
16QAM	2595	38000	5	12	7	21.76
16QAM	2595	38000	5	12	13	21.93
16QAM	2595	38000	5	25	0	22.13
16QAM	2617.5	38225	5	1	0	23.46
16QAM	2617.5	38225	5	1	12	23.80
16QAM	2617.5	38225	5	1	24	23.76
16QAM	2617.5	38225	5	12	0	22.20
16QAM	2617.5	38225	5	12	7	22.24
16QAM	2617.5	38225	5	12	13	22.27
16QAM	2617.5	38225	5	25	0	22.54
64QAM	2572.5	37775	5	1	0	21.61
64QAM	2572.5	37775	5	1	12	21.67
64QAM	2572.5	37775	5	1	24	21.59
64QAM	2572.5	37775	5	12	0	21.00
64QAM	2572.5	37775	5	12	7	21.18
64QAM	2572.5	37775	5	12	13	21.04
64QAM	2572.5	37775	5	25	0	21.12
64QAM	2595	38000	5	1	0	21.80
64QAM	2595	38000	5	1	12	21.75
64QAM	2595	38000	5	1	24	22.05
64QAM	2595	38000	5	12	0	20.94
64QAM	2595	38000	5	12	7	21.06
64QAM	2595	38000	5	12	13	20.87
64QAM	2595	38000	5	25	0	21.01
64QAM	2617.5	38225	5	1	0	21.75
64QAM	2617.5	38225	5	1	12	21.83
64QAM	2617.5	38225	5	1	24	21.96
64QAM	2617.5	38225	5	12	0	21.50
64QAM	2617.5	38225	5	12	7	21.63
64QAM	2617.5	38225	5	12	13	21.44
64QAM	2617.5	38225	5	25	0	21.57

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2572.5	37775	5	1	0	23.92
QPSK	2572.5	37775	5	1	12	23.81
QPSK	2572.5	37775	5	1	24	23.80
QPSK	2572.5	37775	5	12	0	23.13
QPSK	2572.5	37775	5	12	7	23.13
QPSK	2572.5	37775	5	12	13	23.13
QPSK	2572.5	37775	5	25	0	23.12
QPSK	2595	38000	5	1	0	23.61
QPSK	2595	38000	5	1	12	23.80
QPSK	2595	38000	5	1	24	23.83
QPSK	2595	38000	5	12	0	23.24
QPSK	2595	38000	5	12	7	23.01
QPSK	2595	38000	5	12	13	22.96
QPSK	2595	38000	5	25	0	23.01
QPSK	2617.5	38225	5	1	0	24.02
QPSK	2617.5	38225	5	1	12	24.03
QPSK	2617.5	38225	5	1	24	24.15
QPSK	2617.5	38225	5	12	0	23.28
QPSK	2617.5	38225	5	12	7	23.39
QPSK	2617.5	38225	5	12	13	23.38
QPSK	2617.5	38225	5	25	0	23.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2575	37800	10	1	0	23.17
16QAM	2575	37800	10	1	25	22.77
16QAM	2575	37800	10	1	49	22.98
16QAM	2575	37800	10	25	0	22.15
16QAM	2575	37800	10	25	12	22.03
16QAM	2575	37800	10	25	25	22.04
16QAM	2575	37800	10	50	0	21.76
16QAM	2595	38000	10	1	0	23.66
16QAM	2595	38000	10	1	25	22.59
16QAM	2595	38000	10	1	49	22.81
16QAM	2595	38000	10	25	0	22.06
16QAM	2595	38000	10	25	12	21.91
16QAM	2595	38000	10	25	25	22.02
16QAM	2595	38000	10	50	0	21.65
16QAM	2615	38200	10	1	0	23.25
16QAM	2615	38200	10	1	25	23.06
16QAM	2615	38200	10	1	49	23.18
16QAM	2615	38200	10	25	0	22.23
16QAM	2615	38200	10	25	12	22.35
16QAM	2615	38200	10	25	25	22.37
16QAM	2615	38200	10	50	0	21.98
64QAM	2575	37800	10	1	0	23.05
64QAM	2575	37800	10	1	25	22.93
64QAM	2575	37800	10	1	49	22.94
64QAM	2575	37800	10	25	0	20.91
64QAM	2575	37800	10	25	12	21.06
64QAM	2575	37800	10	25	25	21.25
64QAM	2575	37800	10	50	0	21.13
64QAM	2595	38000	10	1	0	22.96
64QAM	2595	38000	10	1	25	22.78
64QAM	2595	38000	10	1	49	22.99
64QAM	2595	38000	10	25	0	21.03
64QAM	2595	38000	10	25	12	21.08
64QAM	2595	38000	10	25	25	21.17
64QAM	2595	38000	10	50	0	21.15
64QAM	2615	38200	10	1	0	22.55
64QAM	2615	38200	10	1	25	22.69
64QAM	2615	38200	10	1	49	22.85
64QAM	2615	38200	10	25	0	21.65
64QAM	2615	38200	10	25	12	21.69
64QAM	2615	38200	10	25	25	21.79
64QAM	2615	38200	10	50	0	21.77

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2575	37800	10	1	0	23.94
QPSK	2575	37800	10	1	25	23.89
QPSK	2575	37800	10	1	49	23.89
QPSK	2575	37800	10	25	0	23.09
QPSK	2575	37800	10	25	12	23.09
QPSK	2575	37800	10	25	25	23.16
QPSK	2575	37800	10	50	0	22.74
QPSK	2595	38000	10	1	0	23.65
QPSK	2595	38000	10	1	25	23.59
QPSK	2595	38000	10	1	49	23.73
QPSK	2595	38000	10	25	0	22.96
QPSK	2595	38000	10	25	12	22.98
QPSK	2595	38000	10	25	25	23.09
QPSK	2595	38000	10	50	0	22.64
QPSK	2615	38200	10	1	0	23.83
QPSK	2615	38200	10	1	25	23.96
QPSK	2615	38200	10	1	49	24.13
QPSK	2615	38200	10	25	0	23.23
QPSK	2615	38200	10	25	12	23.35
QPSK	2615	38200	10	25	25	23.37
QPSK	2615	38200	10	50	0	22.92

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2577.5	37825	15	1	0	23.14
16QAM	2577.5	37825	15	1	37	22.72
16QAM	2577.5	37825	15	1	74	22.72
16QAM	2577.5	37825	15	36	0	22.19
16QAM	2577.5	37825	15	36	29	22.22
16QAM	2577.5	37825	15	36	30	22.22
16QAM	2577.5	37825	15	75	0	21.73
16QAM	2595	38000	15	1	0	23.66
16QAM	2595	38000	15	1	37	22.53
16QAM	2595	38000	15	1	74	22.57
16QAM	2595	38000	15	36	0	22.20
16QAM	2595	38000	15	36	29	22.26
16QAM	2595	38000	15	36	30	22.26
16QAM	2595	38000	15	75	0	21.62
16QAM	2612.5	38175	15	1	0	23.24
16QAM	2612.5	38175	15	1	37	22.87
16QAM	2612.5	38175	15	1	74	23.17
16QAM	2612.5	38175	15	36	0	22.42
16QAM	2612.5	38175	15	36	29	22.48
16QAM	2612.5	38175	15	36	30	22.48
16QAM	2612.5	38175	15	75	0	21.94
64QAM	2577.5	37825	15	1	0	22.99
64QAM	2577.5	37825	15	1	37	22.93
64QAM	2577.5	37825	15	1	74	22.90
64QAM	2577.5	37825	15	36	0	21.06
64QAM	2577.5	37825	15	36	29	21.10
64QAM	2577.5	37825	15	36	30	21.11
64QAM	2577.5	37825	15	75	0	21.12
64QAM	2595	38000	15	1	0	22.99
64QAM	2595	38000	15	1	37	22.73
64QAM	2595	38000	15	1	74	23.10
64QAM	2595	38000	15	36	0	21.19
64QAM	2595	38000	15	36	29	21.02
64QAM	2595	38000	15	36	30	21.03
64QAM	2595	38000	15	75	0	21.14
64QAM	2612.5	38175	15	1	0	22.52
64QAM	2612.5	38175	15	1	37	22.51
64QAM	2612.5	38175	15	1	74	22.90
64QAM	2612.5	38175	15	36	0	21.58
64QAM	2612.5	38175	15	36	29	21.42
64QAM	2612.5	38175	15	36	30	21.42
64QAM	2612.5	38175	15	75	0	21.51

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2577.5	37825	15	1	0	23.84
QPSK	2577.5	37825	15	1	37	23.76
QPSK	2577.5	37825	15	1	74	23.91
QPSK	2577.5	37825	15	36	0	23.09
QPSK	2577.5	37825	15	36	29	23.11
QPSK	2577.5	37825	15	36	30	23.12
QPSK	2577.5	37825	15	75	0	22.74
QPSK	2595	38000	15	1	0	23.74
QPSK	2595	38000	15	1	37	23.70
QPSK	2595	38000	15	1	74	23.83
QPSK	2595	38000	15	36	0	23.09
QPSK	2595	38000	15	36	29	23.07
QPSK	2595	38000	15	36	30	23.07
QPSK	2595	38000	15	75	0	22.64
QPSK	2612.5	38175	15	1	0	23.92
QPSK	2612.5	38175	15	1	37	23.81
QPSK	2612.5	38175	15	1	74	24.06
QPSK	2612.5	38175	15	36	0	23.28
QPSK	2612.5	38175	15	36	29	23.30
QPSK	2612.5	38175	15	36	30	23.29
QPSK	2612.5	38175	15	75	0	22.82

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2580	37850	20	1	0	23.38
16QAM	2580	37850	20	1	49	23.69
16QAM	2580	37850	20	1	99	23.55
16QAM	2580	37850	20	50	0	22.21
16QAM	2580	37850	20	50	24	22.27
16QAM	2580	37850	20	50	50	22.20
16QAM	2580	37850	20	100	0	21.77
16QAM	2595	38000	20	1	0	23.01
16QAM	2595	38000	20	1	49	22.62
16QAM	2595	38000	20	1	99	22.60
16QAM	2595	38000	20	50	0	22.27
16QAM	2595	38000	20	50	24	22.10
16QAM	2595	38000	20	50	50	22.22
16QAM	2595	38000	20	100	0	21.62
16QAM	2610	38150	20	1	0	22.92
16QAM	2610	38150	20	1	49	22.77
16QAM	2610	38150	20	1	99	23.11
16QAM	2610	38150	20	50	0	22.29
16QAM	2610	38150	20	50	24	22.26
16QAM	2610	38150	20	50	50	22.52
16QAM	2610	38150	20	100	0	21.93
64QAM	2580	37850	20	1	0	22.39
64QAM	2580	37850	20	1	49	22.90
64QAM	2580	37850	20	1	99	22.38
64QAM	2580	37850	20	50	0	21.29
64QAM	2580	37850	20	50	24	21.20
64QAM	2580	37850	20	50	50	21.29
64QAM	2580	37850	20	100	0	21.28
64QAM	2595	38000	20	1	0	22.09
64QAM	2595	38000	20	1	49	21.99
64QAM	2595	38000	20	1	99	22.19
64QAM	2595	38000	20	50	0	21.48
64QAM	2595	38000	20	50	24	21.18
64QAM	2595	38000	20	50	50	21.27
64QAM	2595	38000	20	100	0	21.36
64QAM	2610	38150	20	1	0	22.45
64QAM	2610	38150	20	1	49	22.67
64QAM	2610	38150	20	1	99	22.95
64QAM	2610	38150	20	50	0	22.00
64QAM	2610	38150	20	50	24	21.65
64QAM	2610	38150	20	50	50	21.74
64QAM	2610	38150	20	100	0	21.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2580	37850	20	1	0	23.76
QPSK	2580	37850	20	1	49	23.80
QPSK	2580	37850	20	1	99	23.76
QPSK	2580	37850	20	50	0	23.30
QPSK	2580	37850	20	50	24	23.32
QPSK	2580	37850	20	50	50	23.16
QPSK	2580	37850	20	100	0	22.78
QPSK	2595	38000	20	1	0	23.67
QPSK	2595	38000	20	1	49	23.67
QPSK	2595	38000	20	1	99	23.72
QPSK	2595	38000	20	50	0	22.99
QPSK	2595	38000	20	50	24	22.90
QPSK	2595	38000	20	50	50	23.15
QPSK	2595	38000	20	100	0	22.67
QPSK	2610	38150	20	1	0	23.78
QPSK	2610	38150	20	1	49	23.76
QPSK	2610	38150	20	1	99	24.00
QPSK	2610	38150	20	50	0	23.12
QPSK	2610	38150	20	50	24	23.11
QPSK	2610	38150	20	50	50	23.20
QPSK	2610	38150	20	100	0	22.83

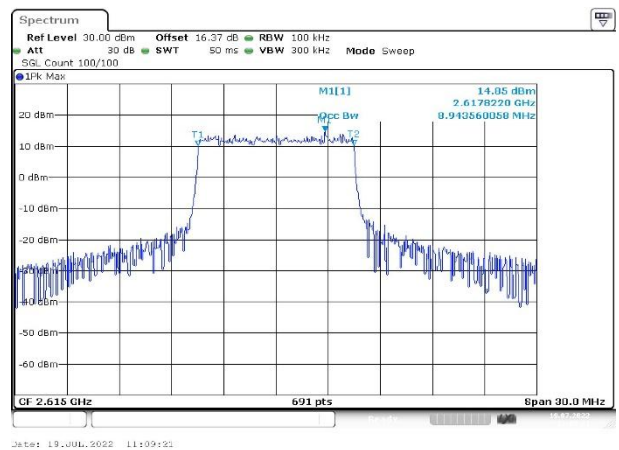
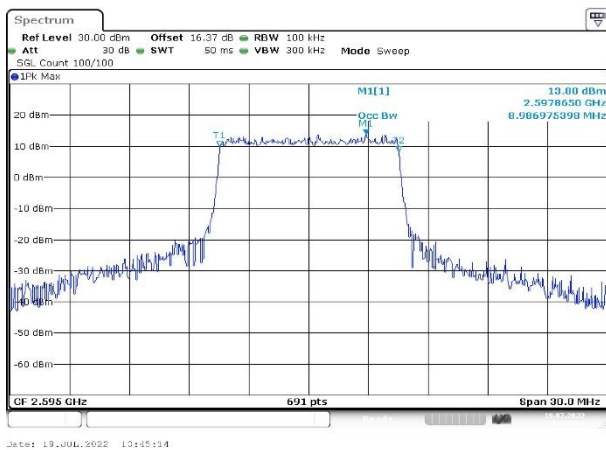
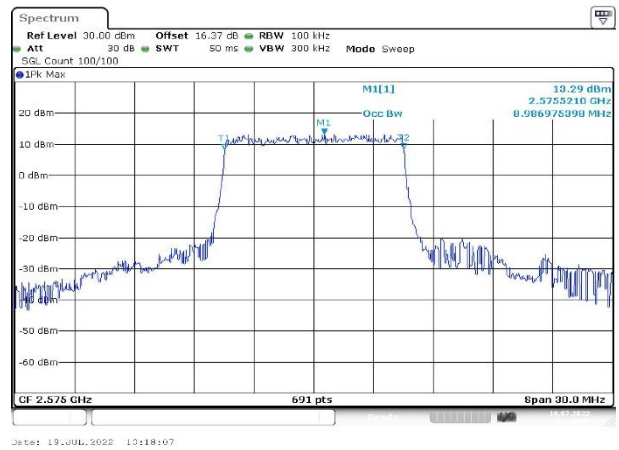
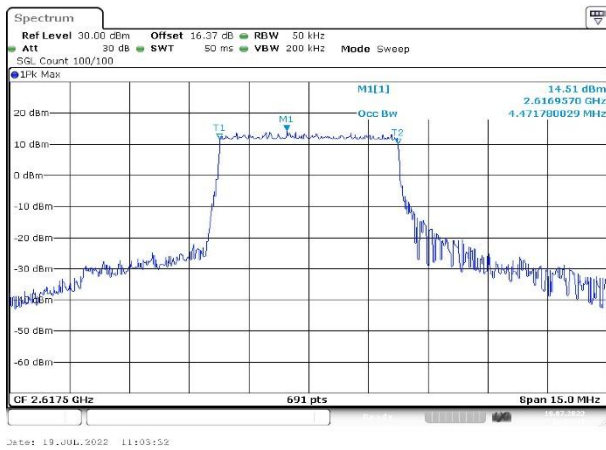
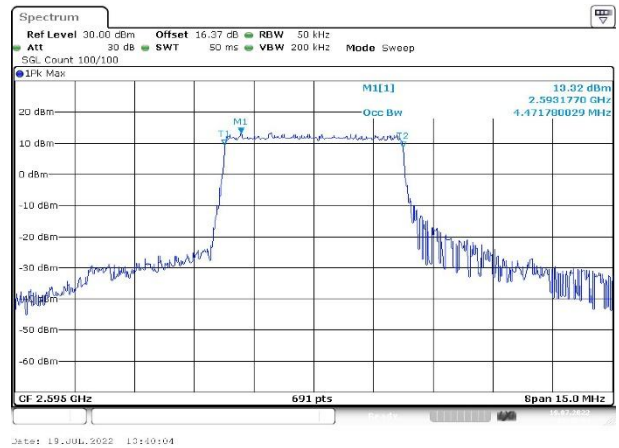
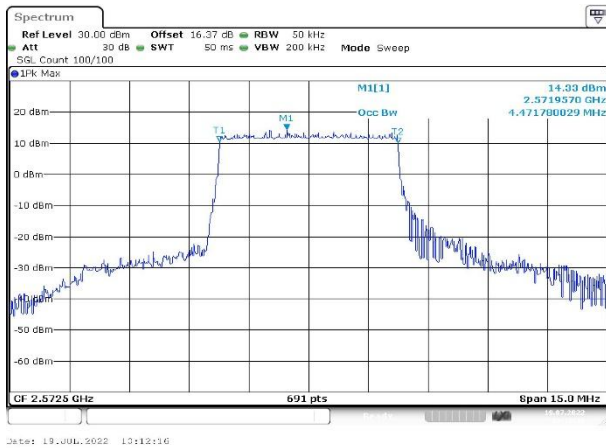
2 Occupied Bandwidth

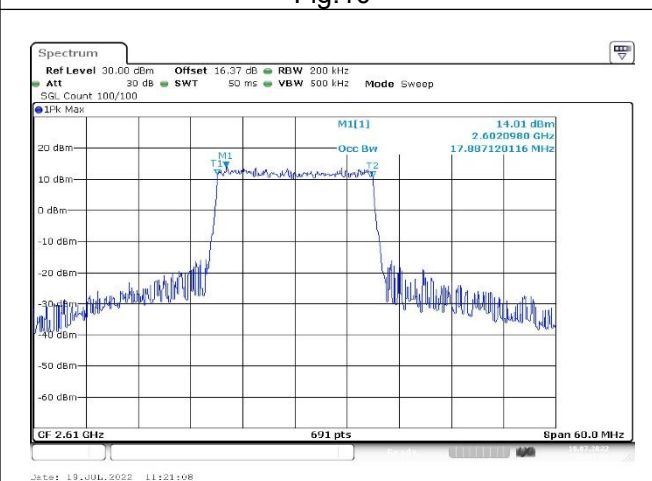
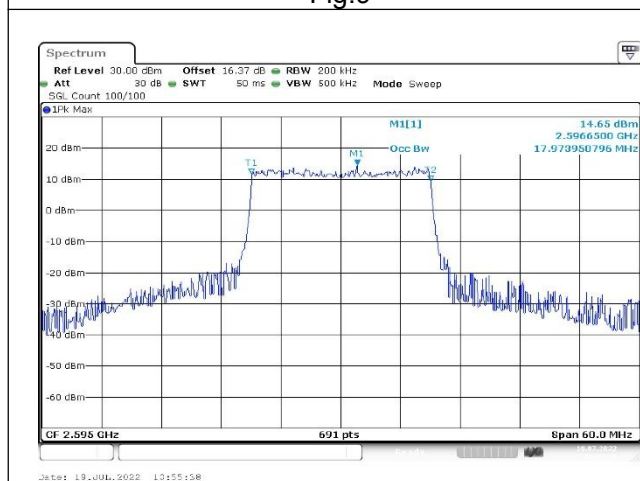
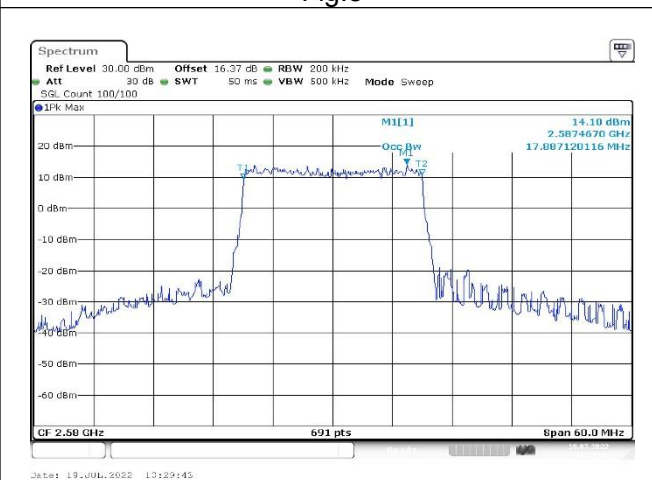
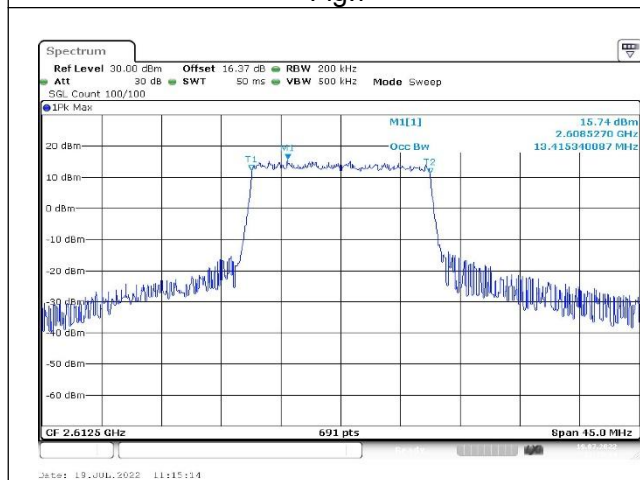
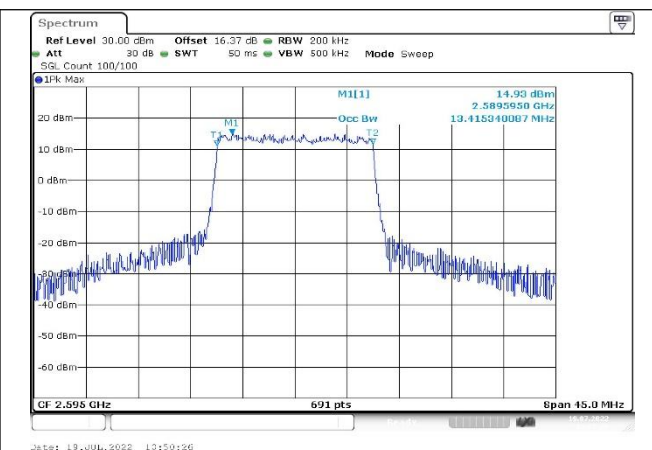
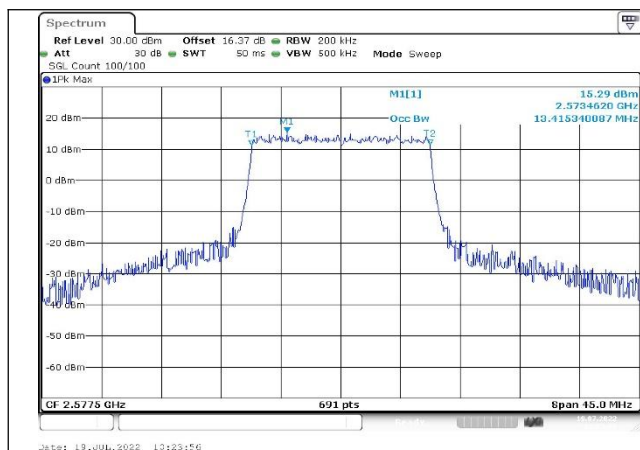
Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
38	QPSK	2572.5	37775	5	25	0	4.472	Fig.1
38	QPSK	2595	38000	5	25	0	4.472	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.472	Fig.3
38	QPSK	2575	37800	10	50	0	8.987	Fig.4
38	QPSK	2595	38000	10	50	0	8.987	Fig.5
38	QPSK	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	13.415	Fig.8
38	QPSK	2612.5	38175	15	75	0	13.415	Fig.9
38	QPSK	2580	37850	20	100	0	17.887	Fig.10
38	QPSK	2595	38000	20	100	0	17.974	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	8.944	Fig.16
38	16QAM	2595	38000	10	50	0	8.944	Fig.17
38	16QAM	2615	38200	10	50	0	8.944	Fig.18
38	16QAM	2577.5	37825	15	75	0	13.480	Fig.19
38	16QAM	2595	38000	15	75	0	13.415	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	17.974	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	4.472	Fig.25
38	64QAM	2595	38000	5	25	0	4.493	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





Test Mode: 16QAM

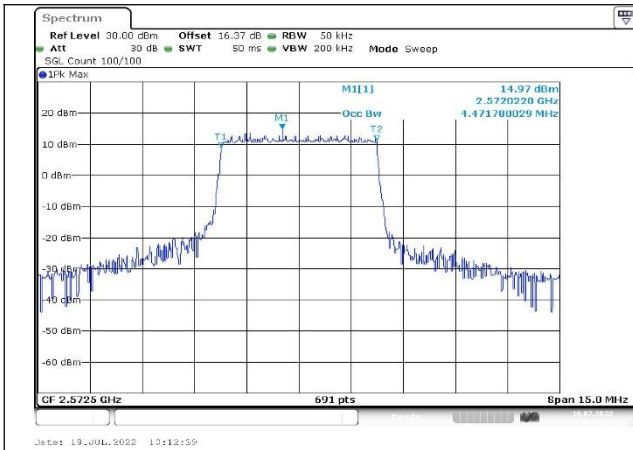


Fig.13

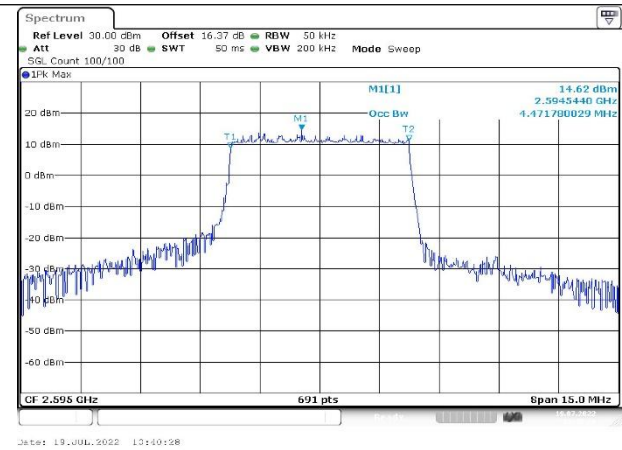


Fig.14

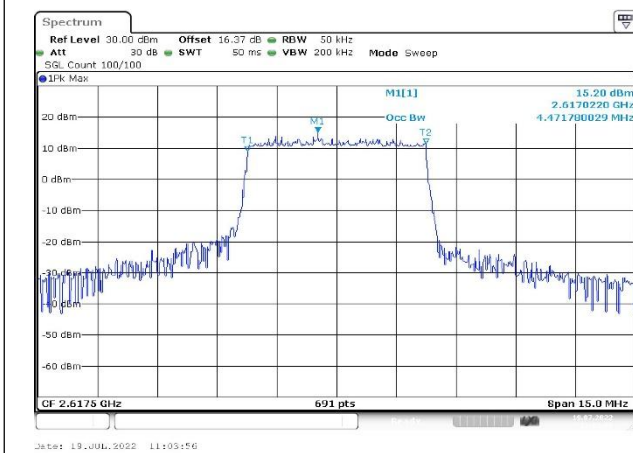


Fig.15

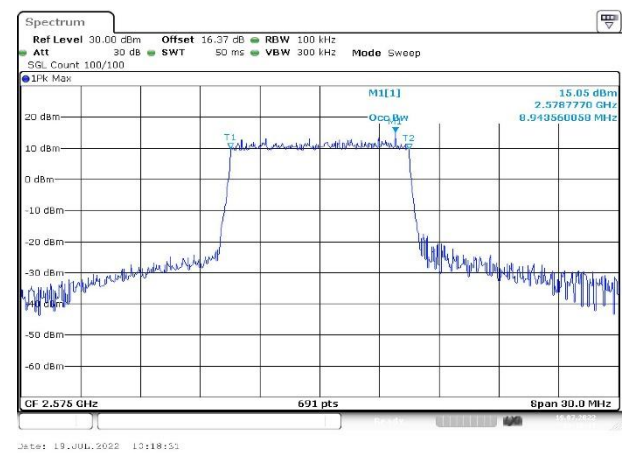


Fig.16

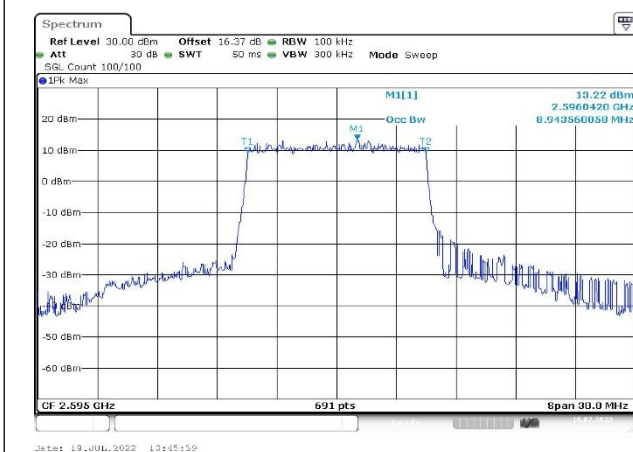


Fig.17

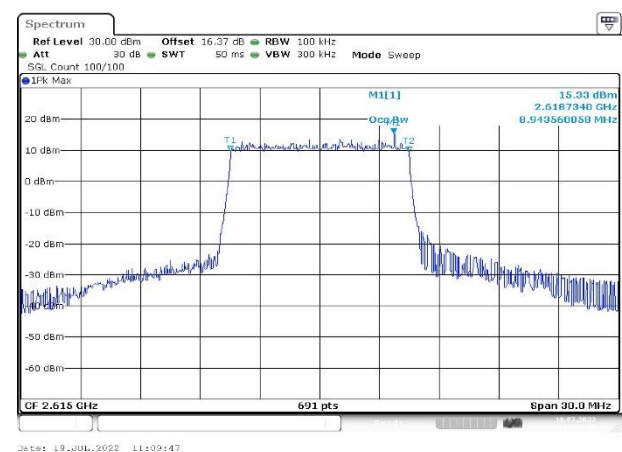
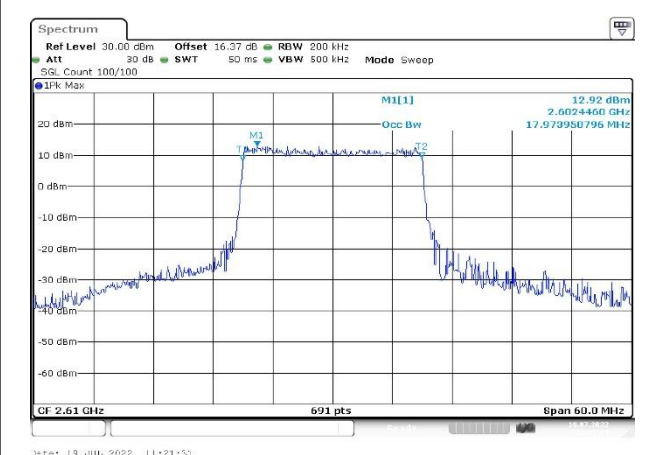
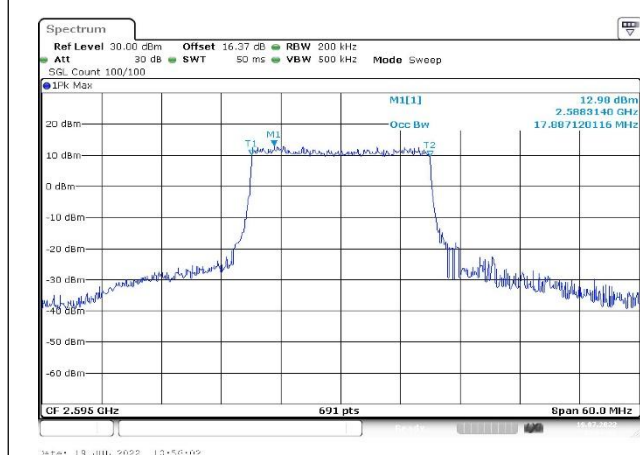
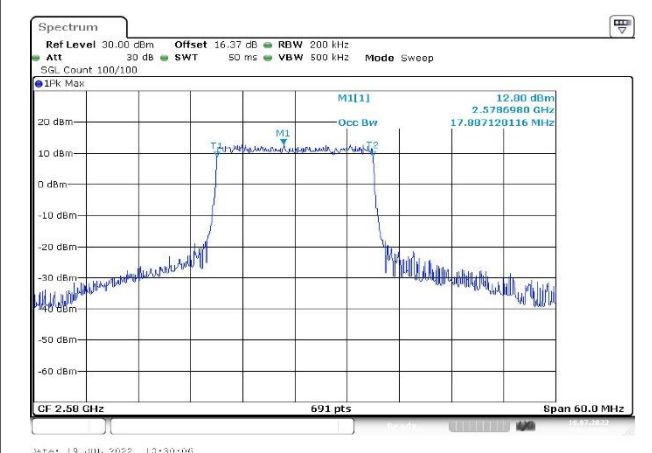
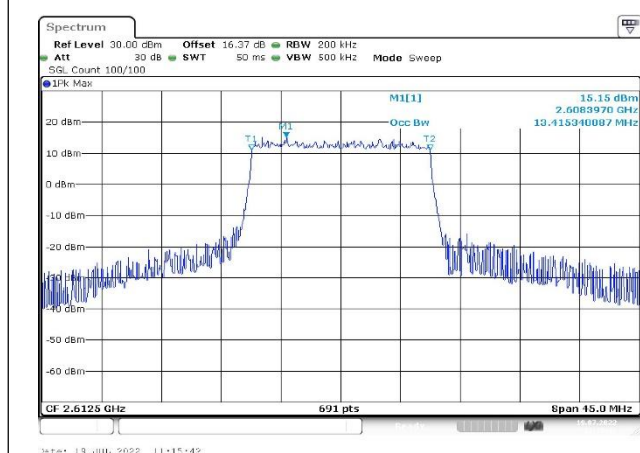
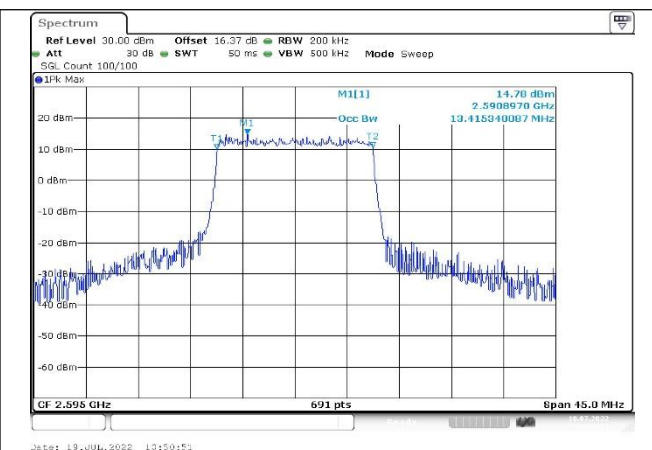
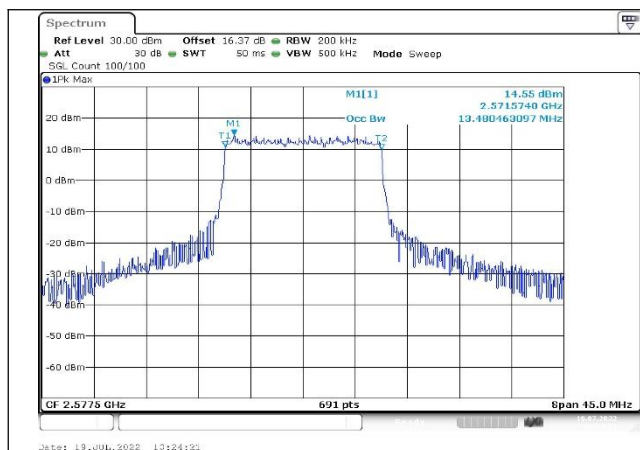
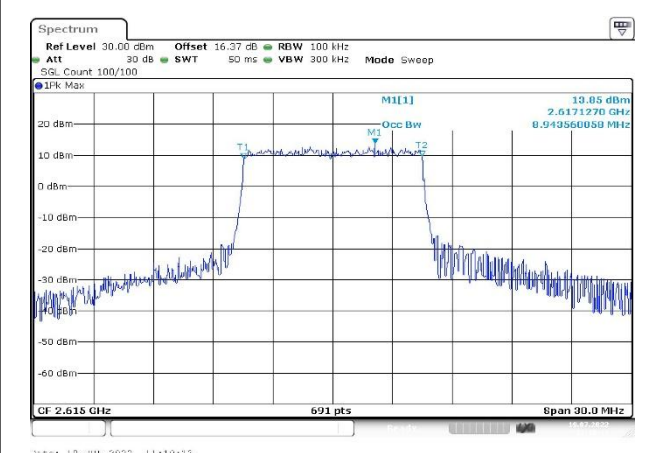
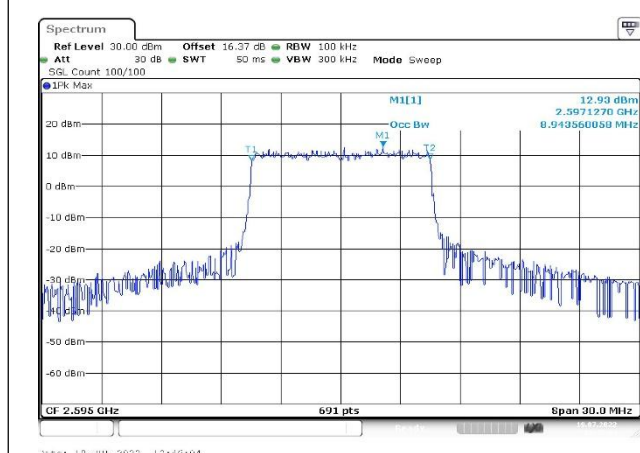
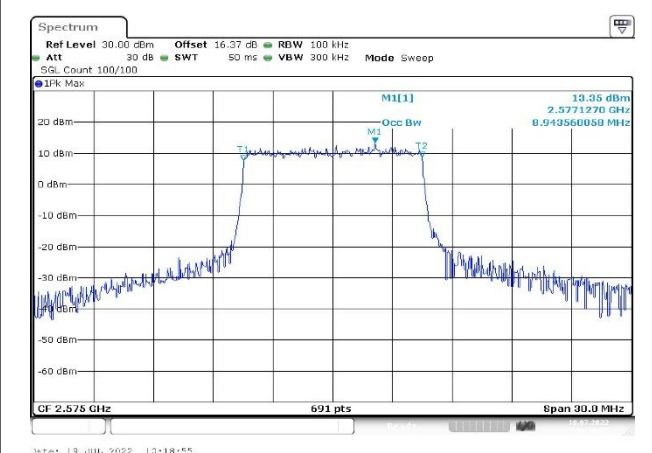
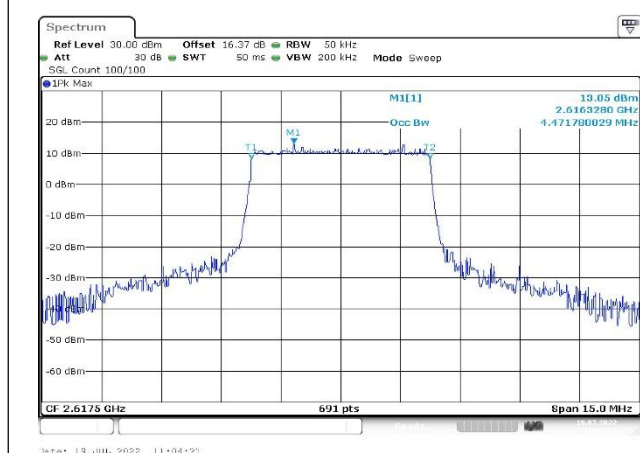
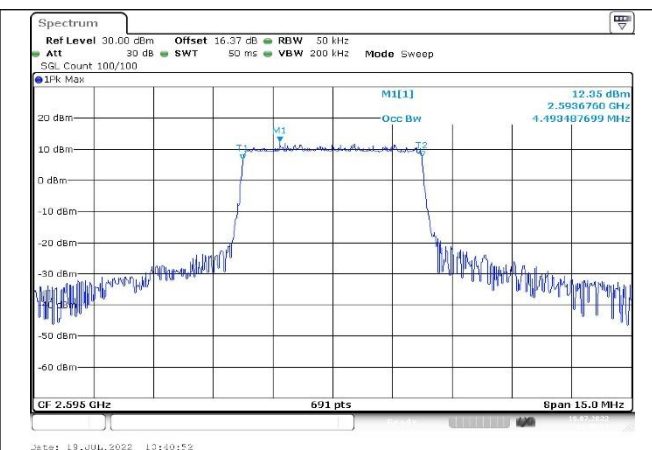
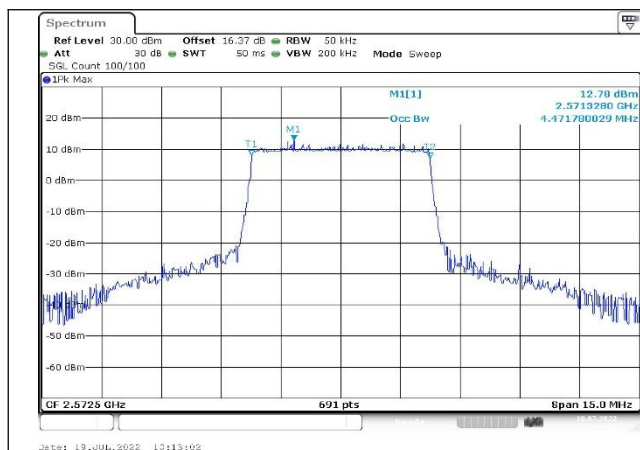


Fig.18



Test Mode: 64QAM



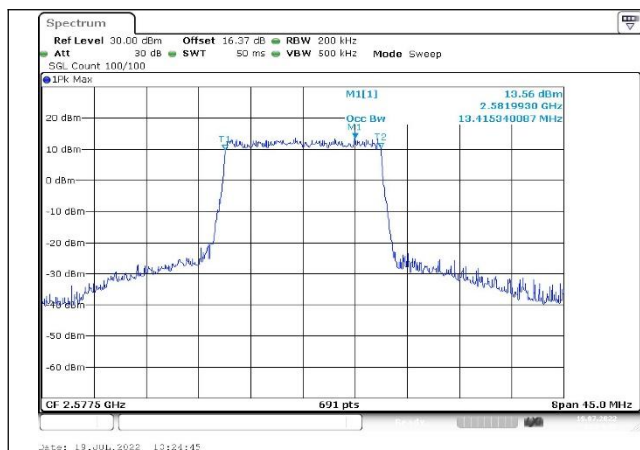


Fig.31

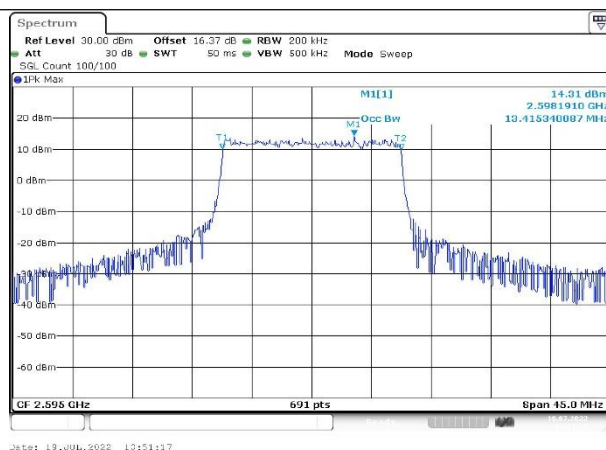


Fig.32

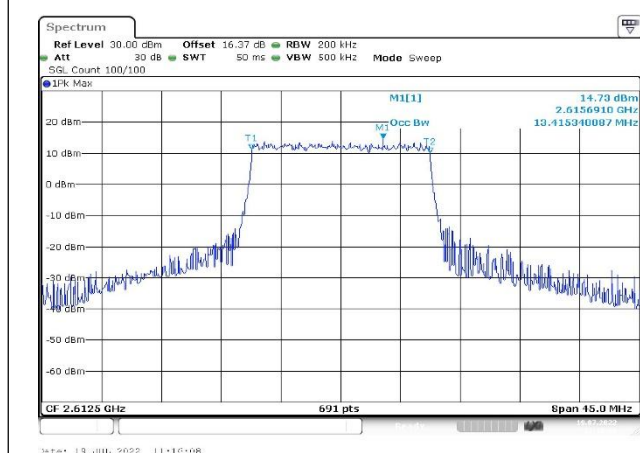


Fig.33

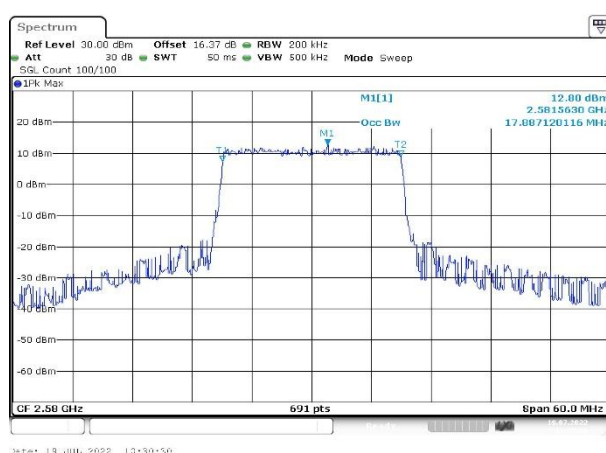


Fig.34

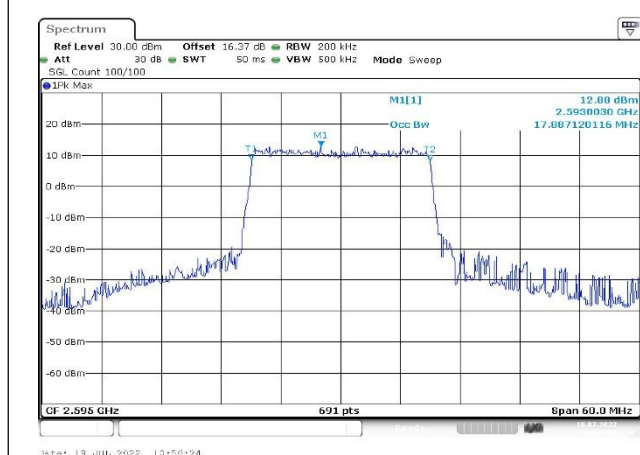


Fig.35

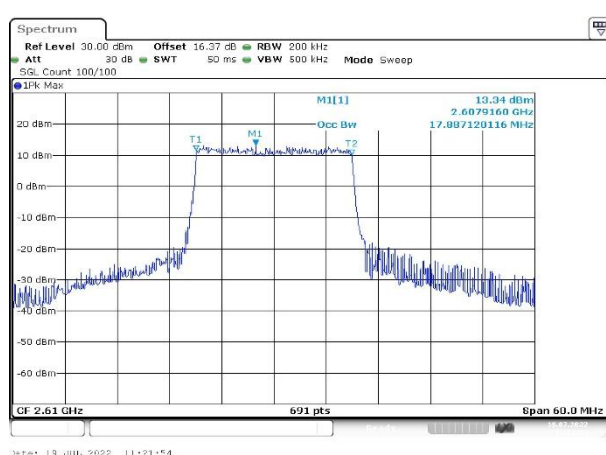


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
38	QPSK	2572.5	37775	5	25	0	4.949	Fig.1
38	QPSK	2595	38000	5	25	0	4.884	Fig.2
38	QPSK	2617.5	38225	5	25	0	4.928	Fig.3
38	QPSK	2575	37800	10	50	0	9.768	Fig.4
38	QPSK	2595	38000	10	50	0	9.768	Fig.5
38	QPSK	2615	38200	10	50	0	9.768	Fig.6
38	QPSK	2577.5	37825	15	75	0	14.718	Fig.7
38	QPSK	2595	38000	15	75	0	14.848	Fig.8
38	QPSK	2612.5	38175	15	75	0	14.783	Fig.9
38	QPSK	2580	37850	20	100	0	19.363	Fig.10
38	QPSK	2595	38000	20	100	0	19.450	Fig.11
38	QPSK	2610	38150	20	100	0	19.450	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	4.884	Fig.13
38	16QAM	2595	38000	5	25	0	4.906	Fig.14
38	16QAM	2617.5	38225	5	25	0	4.928	Fig.15
38	16QAM	2575	37800	10	50	0	9.595	Fig.16
38	16QAM	2595	38000	10	50	0	9.682	Fig.17
38	16QAM	2615	38200	10	50	0	9.682	Fig.18
38	16QAM	2577.5	37825	15	75	0	14.783	Fig.19
38	16QAM	2595	38000	15	75	0	14.783	Fig.20
38	16QAM	2612.5	38175	15	75	0	14.718	Fig.21
38	16QAM	2580	37850	20	100	0	19.450	Fig.22
38	16QAM	2595	38000	20	100	0	19.450	Fig.23
38	16QAM	2610	38150	20	100	0	19.537	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	4.884	Fig.25
38	64QAM	2595	38000	5	25	0	4.884	Fig.26
38	64QAM	2617.5	38225	5	25	0	4.884	Fig.27
38	64QAM	2575	37800	10	50	0	9.725	Fig.28
38	64QAM	2595	38000	10	50	0	9.768	Fig.29
38	64QAM	2615	38200	10	50	0	9.682	Fig.30
38	64QAM	2577.5	37825	15	75	0	14.783	Fig.31
38	64QAM	2595	38000	15	75	0	14.978	Fig.32
38	64QAM	2612.5	38175	15	75	0	14.978	Fig.33
38	64QAM	2580	37850	20	100	0	19.450	Fig.34
38	64QAM	2595	38000	20	100	0	19.537	Fig.35
38	64QAM	2610	38150	20	100	0	19.537	Fig.36

Test Mode: QPSK

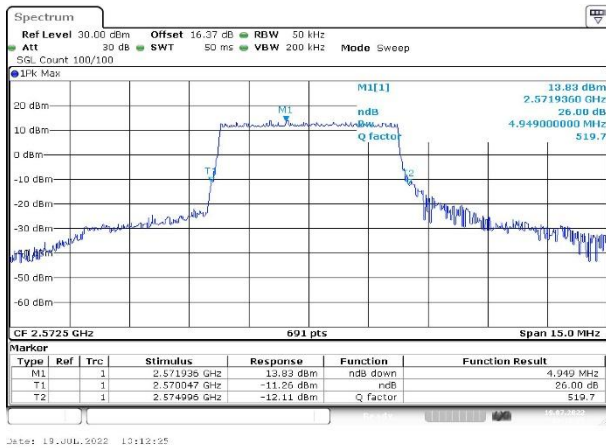


Fig.1

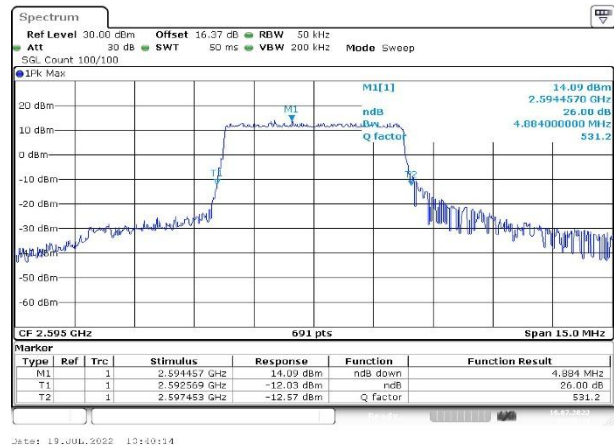


Fig.2

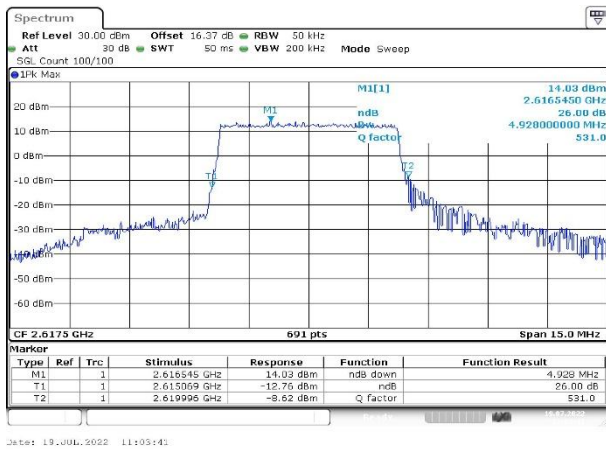


Fig.3

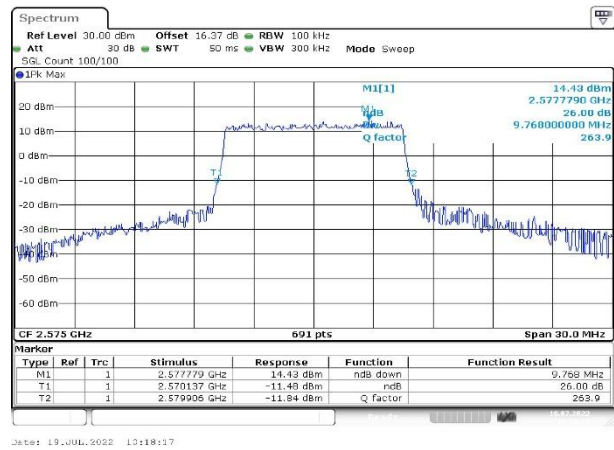


Fig.4

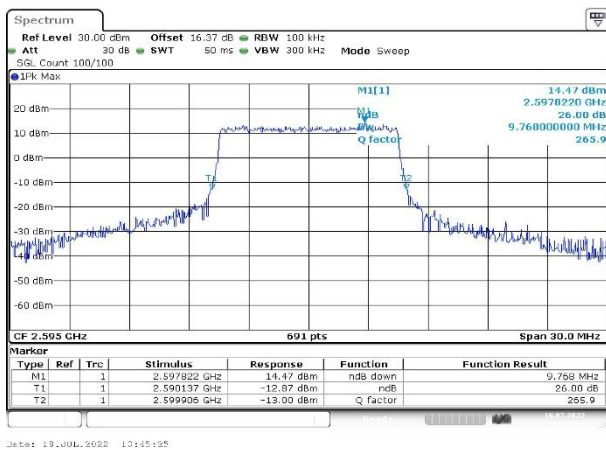


Fig.5

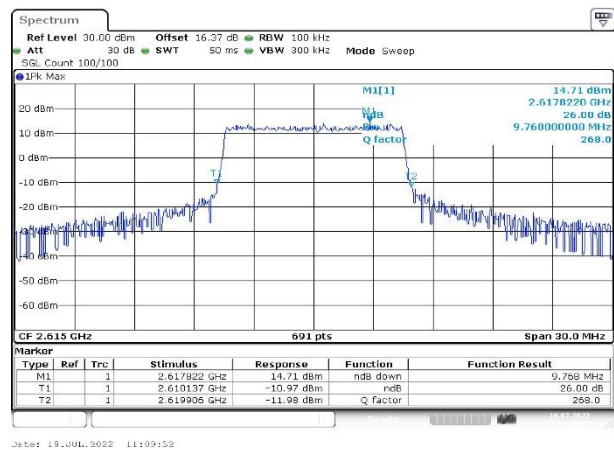


Fig.6

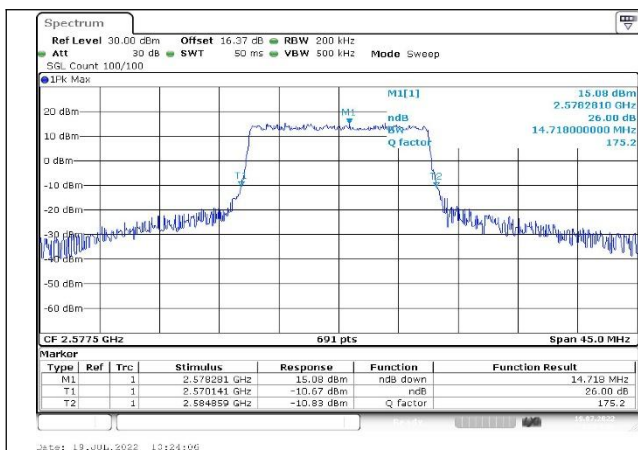


Fig.7

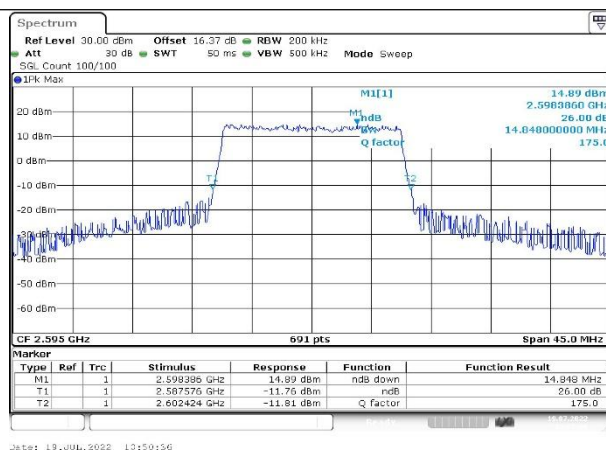


Fig.8

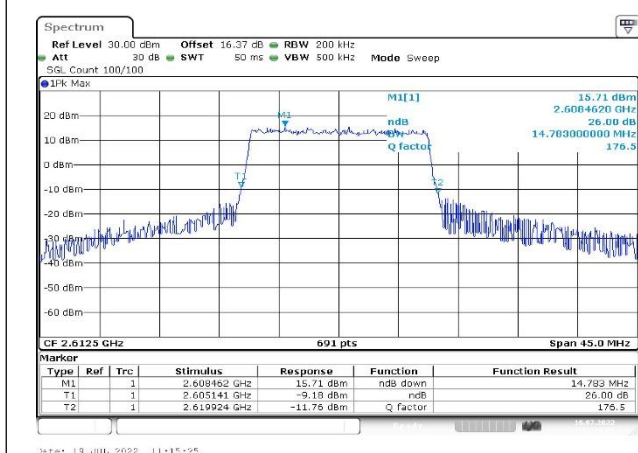


Fig.9

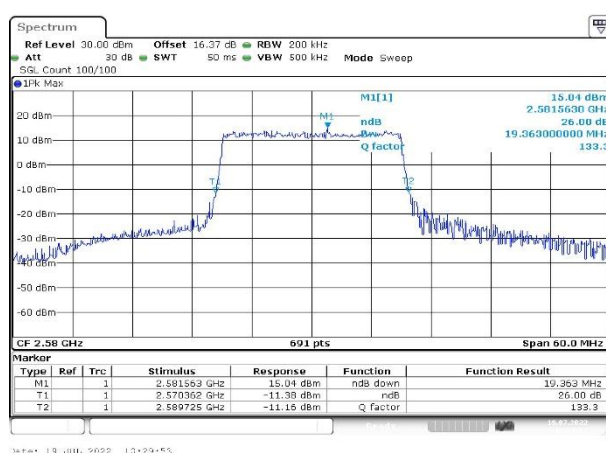


Fig.10

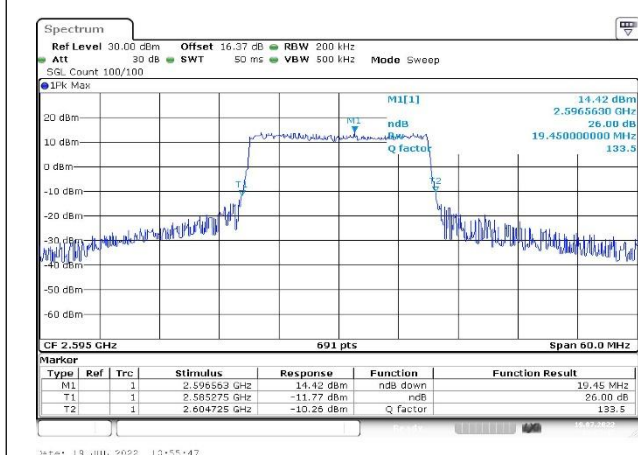


Fig.11

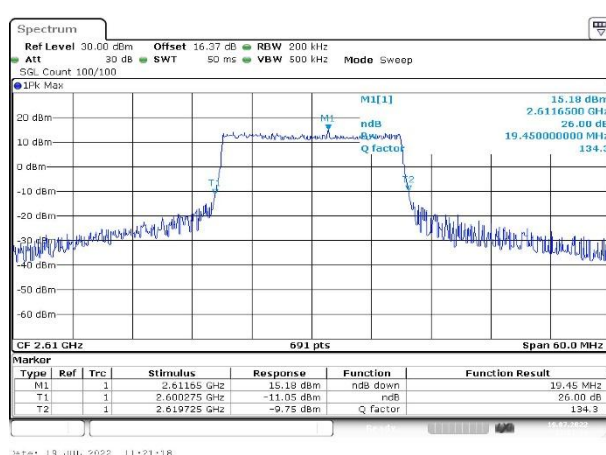


Fig.12

Test Mode: 16QAM

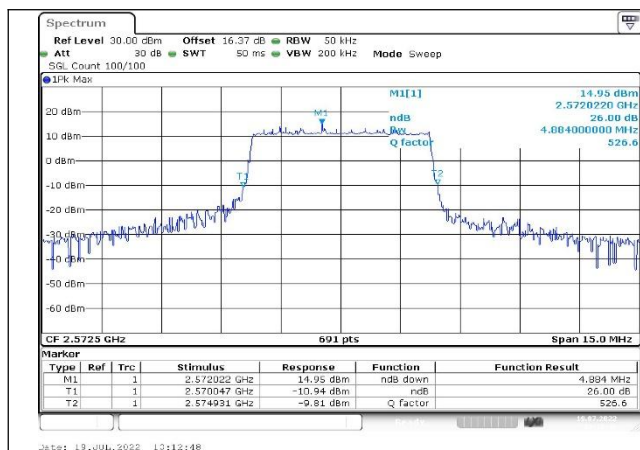


Fig.13

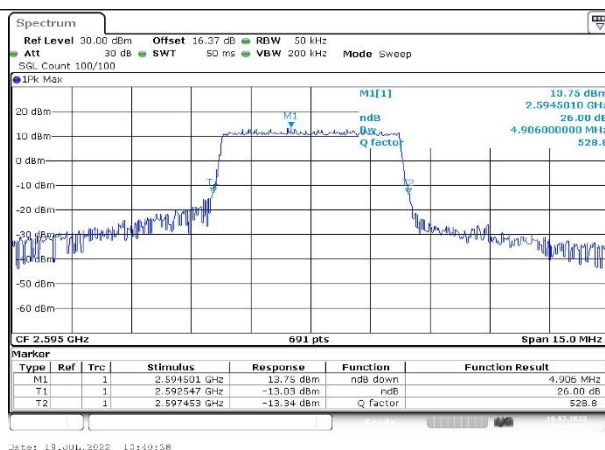


Fig.14

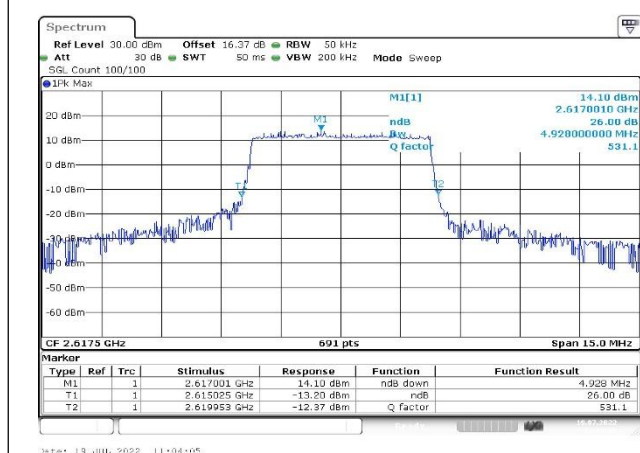


Fig.15

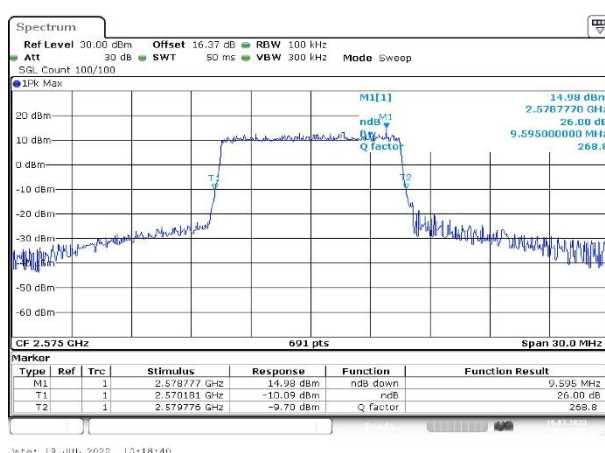


Fig.16

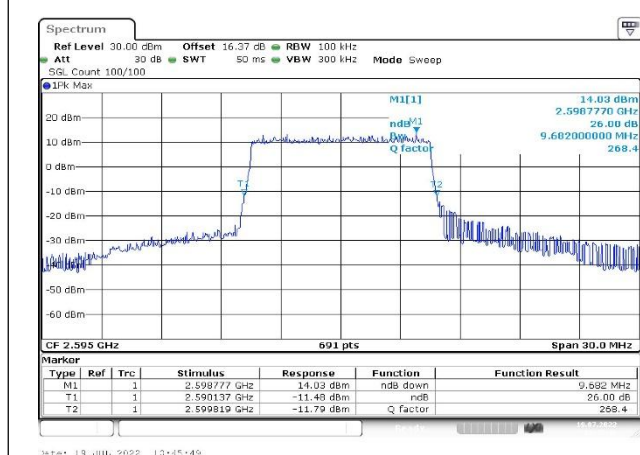


Fig.17

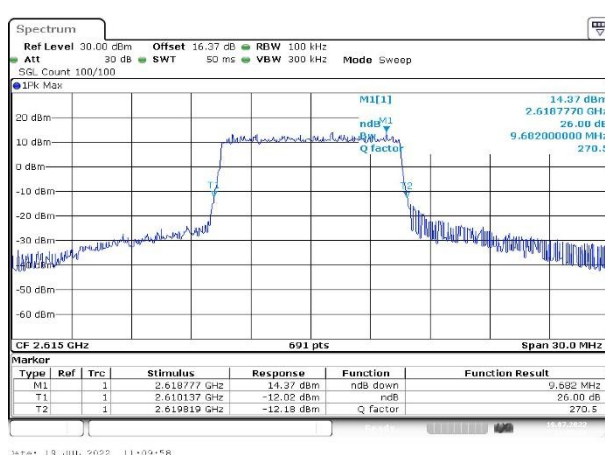


Fig.18

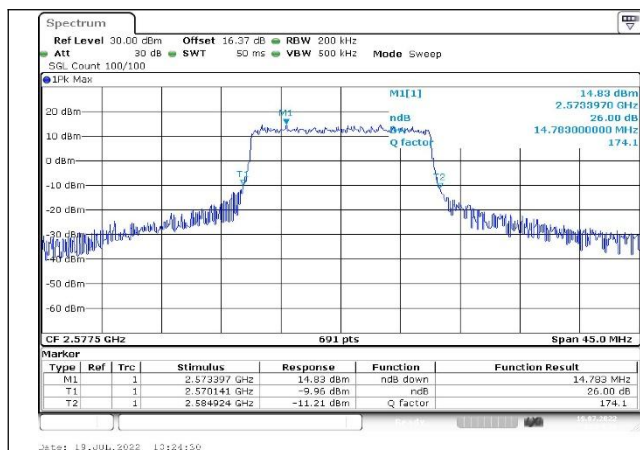


Fig.19

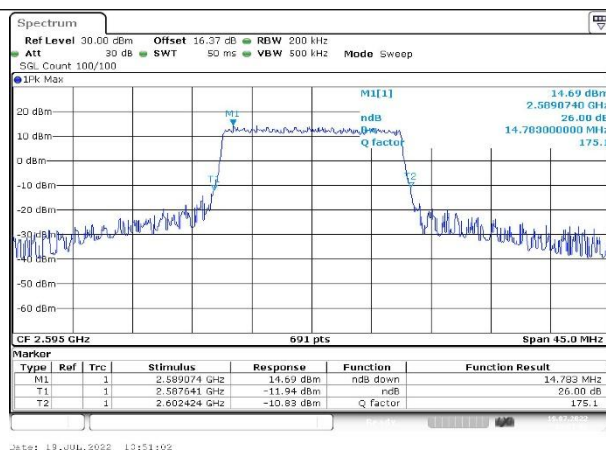


Fig.20

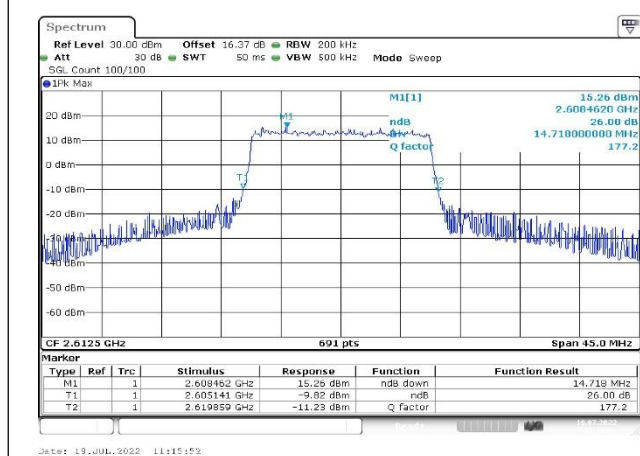


Fig.21

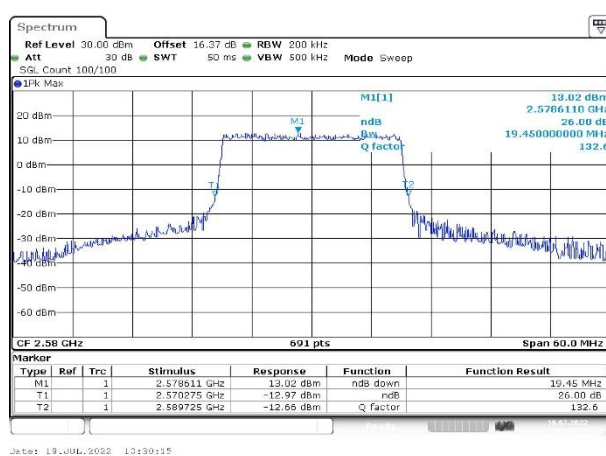


Fig.22

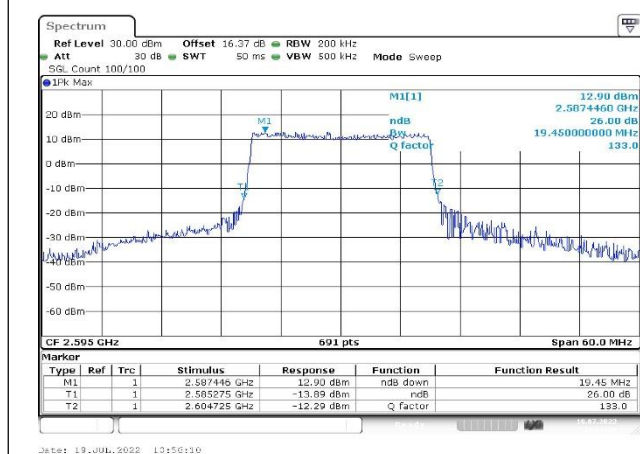


Fig.23

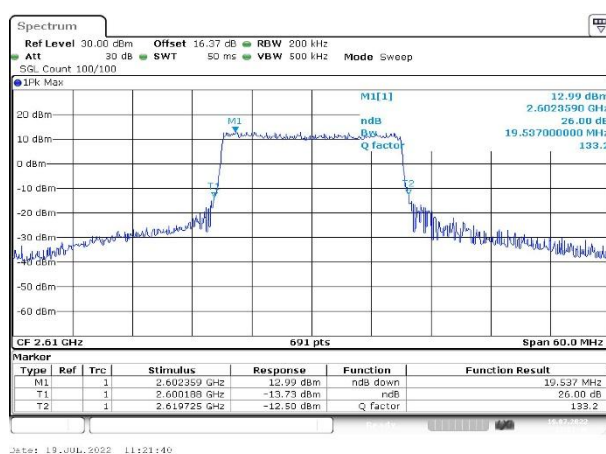


Fig.24

Test Mode: 64QAM

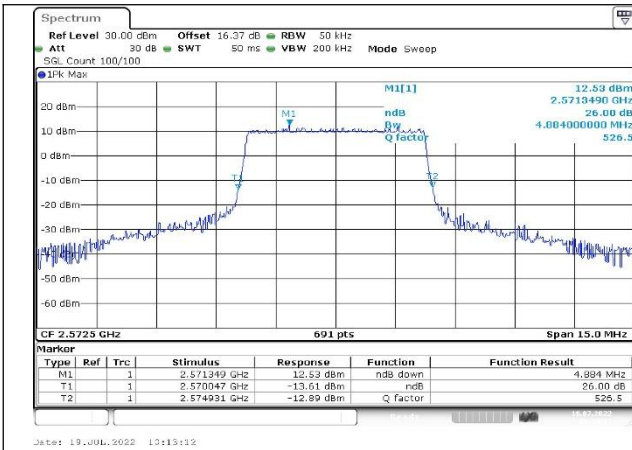


Fig.25

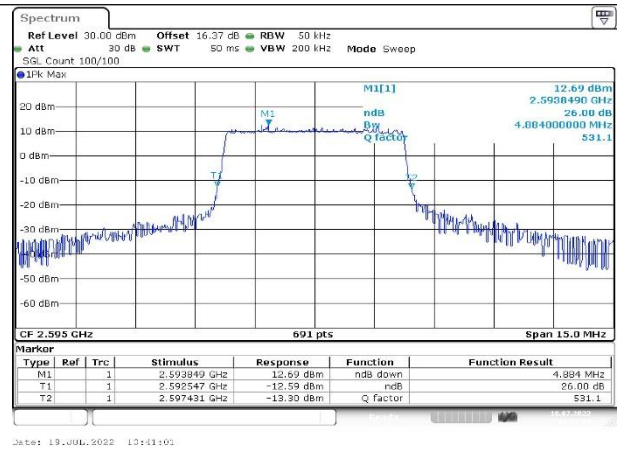


Fig.26

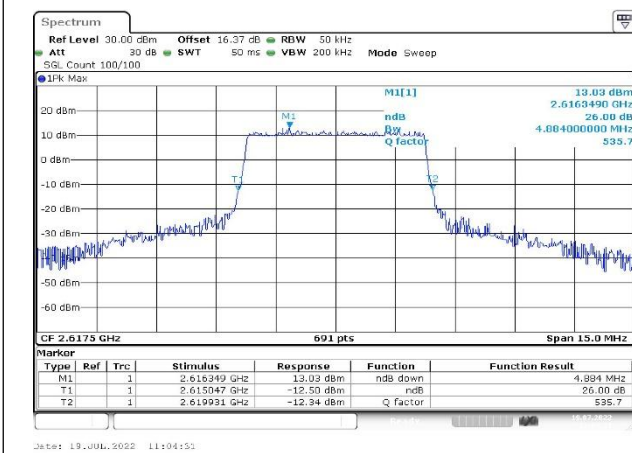


Fig.27

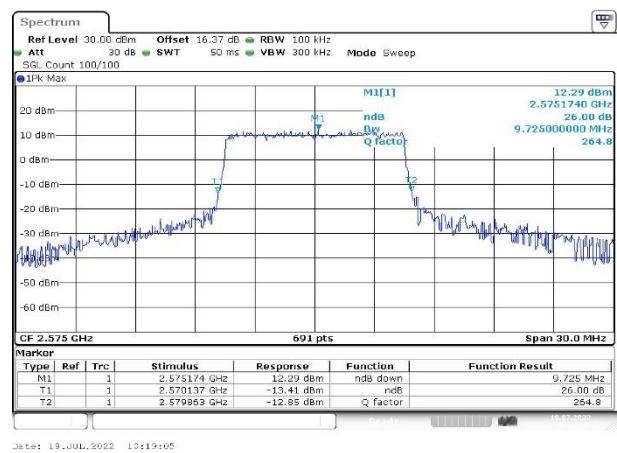


Fig.28

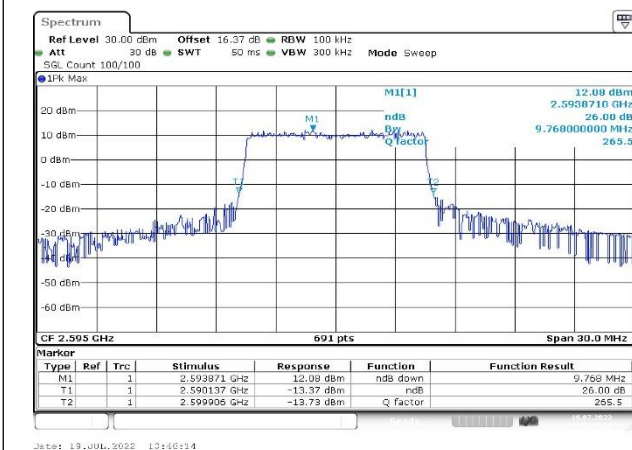


Fig.29

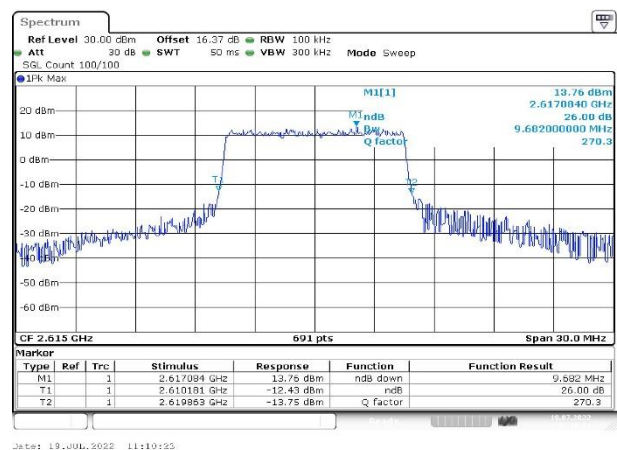


Fig.30

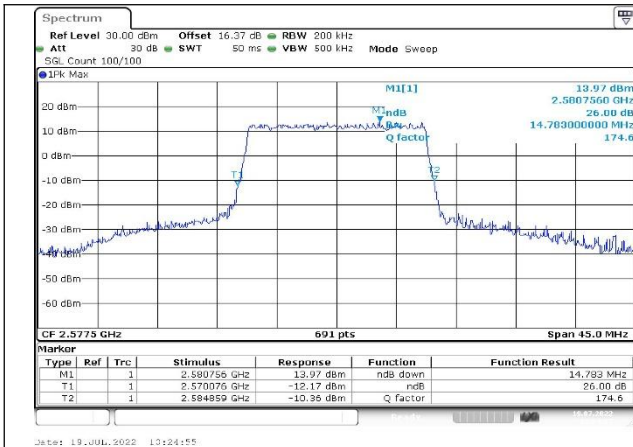


Fig.31

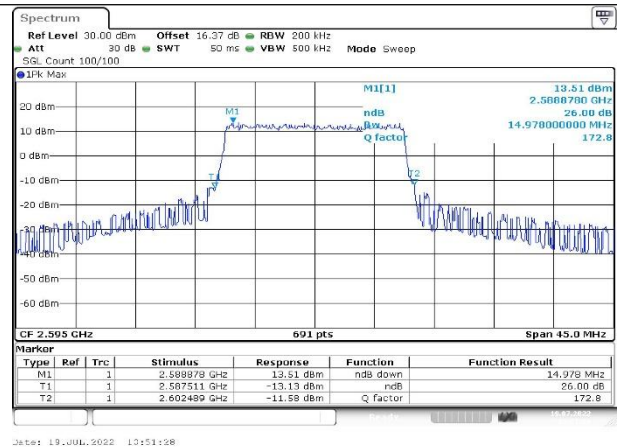


Fig.32

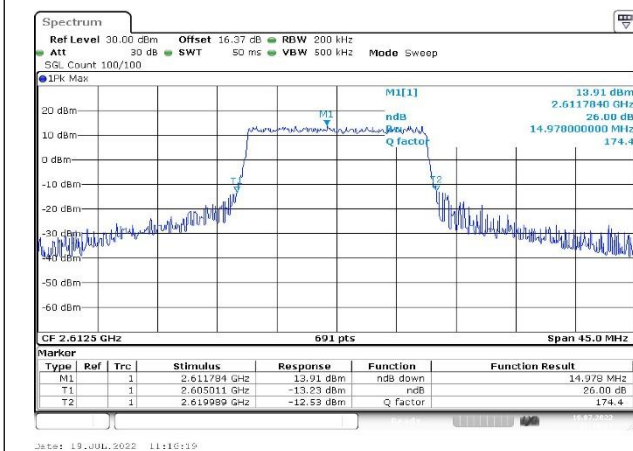


Fig.33

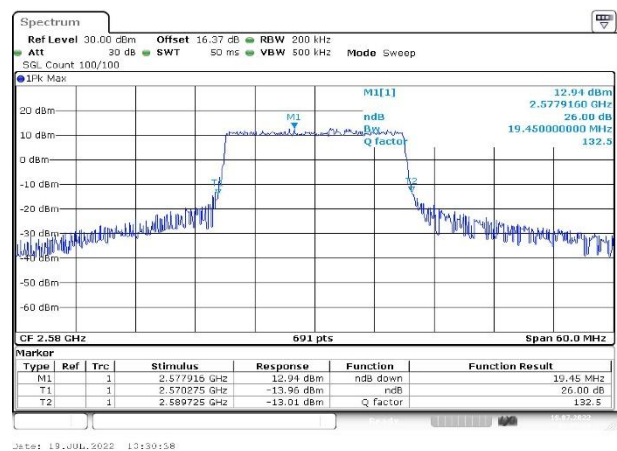


Fig.34

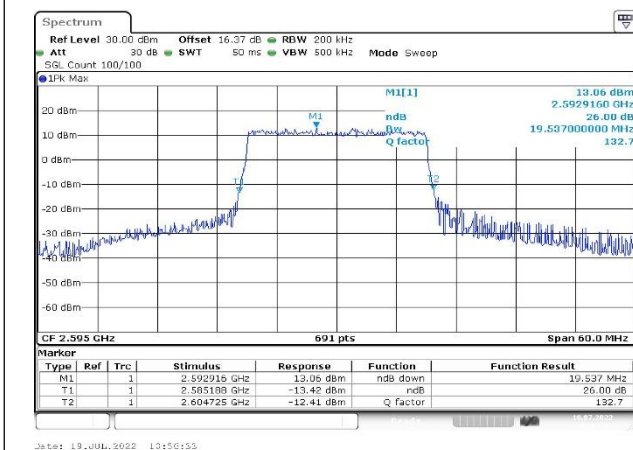


Fig.35

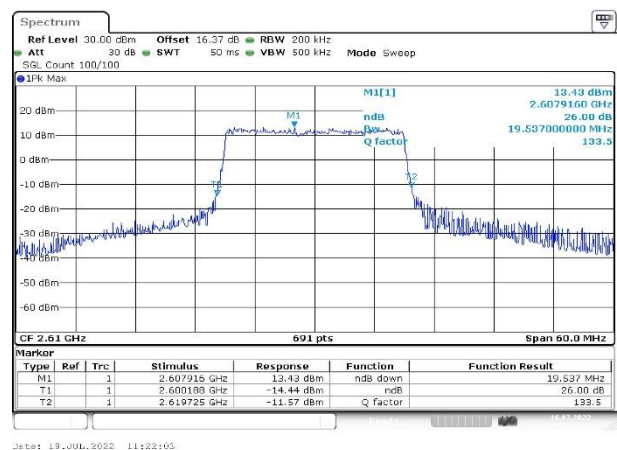


Fig.36

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

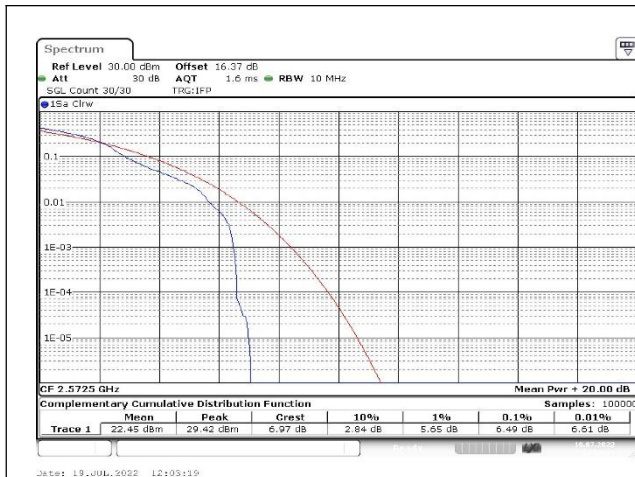


Fig.1

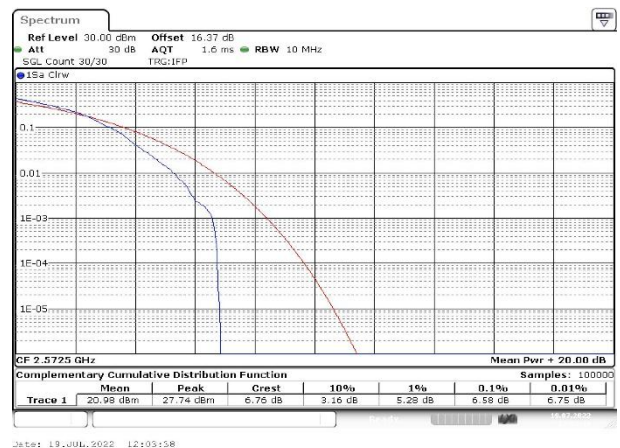


Fig.2

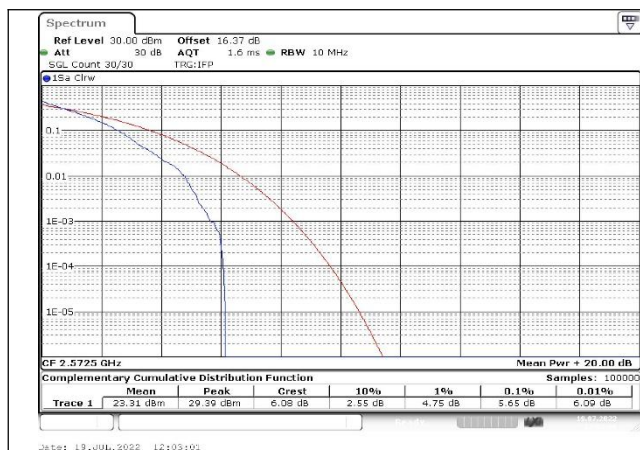


Fig.3

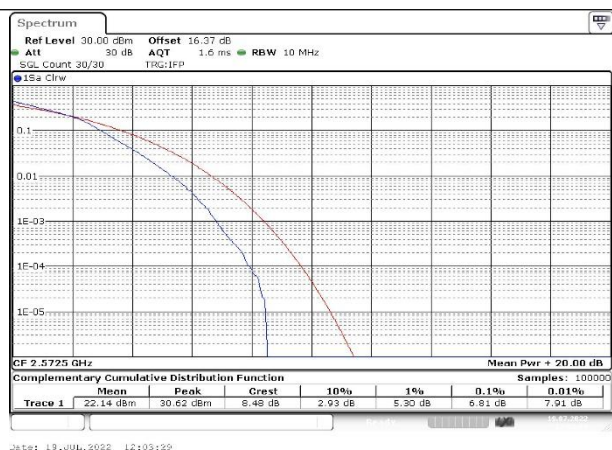


Fig.4

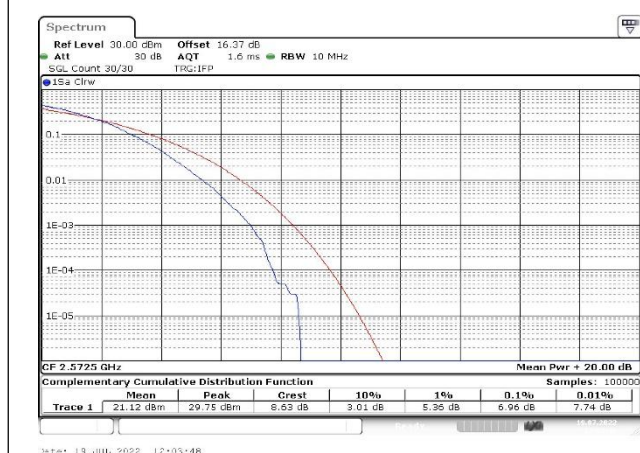


Fig.5

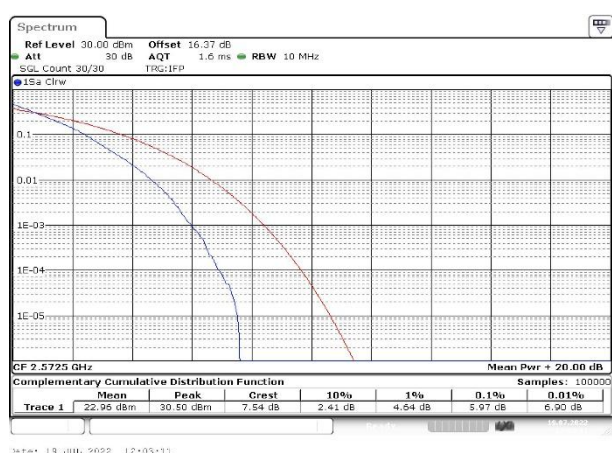


Fig.6

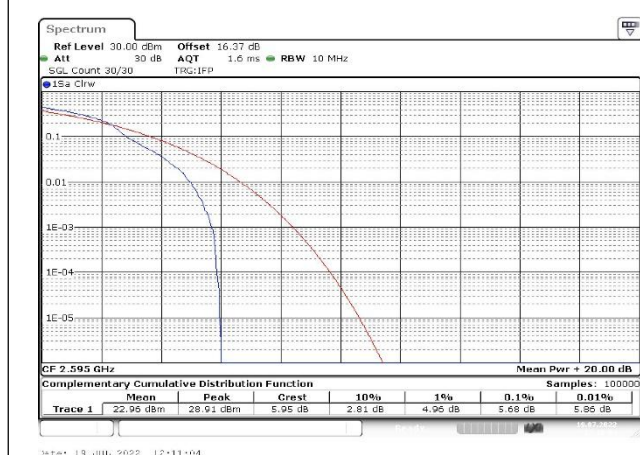


Fig.7

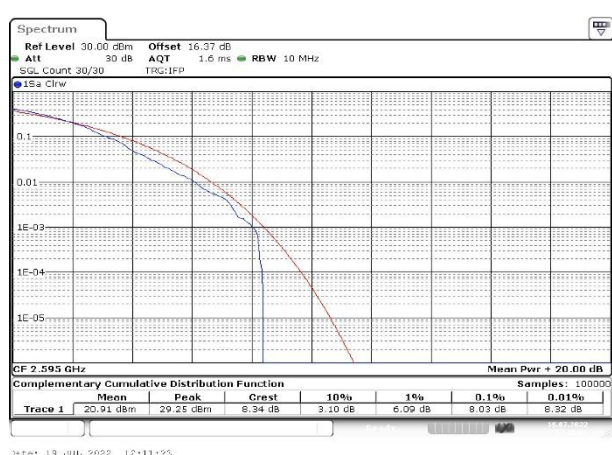


Fig.8