

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 5

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	824.7	20407	1.4	1	0	23.68
16QAM	824.7	20407	1.4	1	3	23.76
16QAM	824.7	20407	1.4	1	5	23.74
16QAM	824.7	20407	1.4	3	0	23.83
16QAM	824.7	20407	1.4	3	1	23.8
16QAM	824.7	20407	1.4	3	3	23.76
16QAM	824.7	20407	1.4	6	0	22.83
16QAM	836.5	20525	1.4	1	0	23.94
16QAM	836.5	20525	1.4	1	3	23.95
16QAM	836.5	20525	1.4	1	5	24.01
16QAM	836.5	20525	1.4	3	0	23.61
16QAM	836.5	20525	1.4	3	1	23.67
16QAM	836.5	20525	1.4	3	3	23.59
16QAM	836.5	20525	1.4	6	0	22.68
16QAM	848.3	20643	1.4	1	0	23.87
16QAM	848.3	20643	1.4	1	3	23.92
16QAM	848.3	20643	1.4	1	5	23.92
16QAM	848.3	20643	1.4	3	0	23.41
16QAM	848.3	20643	1.4	3	1	23.42
16QAM	848.3	20643	1.4	3	3	23.43
16QAM	848.3	20643	1.4	6	0	22.56
64QAM	824.7	20407	1.4	1	0	22.65
64QAM	824.7	20407	1.4	1	3	22.56
64QAM	824.7	20407	1.4	1	5	22.6
64QAM	824.7	20407	1.4	3	0	22.81
64QAM	824.7	20407	1.4	3	1	22.76
64QAM	824.7	20407	1.4	3	3	22.7
64QAM	824.7	20407	1.4	6	0	21.68
64QAM	836.5	20525	1.4	1	0	22.2
64QAM	836.5	20525	1.4	1	3	22.21
64QAM	836.5	20525	1.4	1	5	22.28
64QAM	836.5	20525	1.4	3	0	22.37
64QAM	836.5	20525	1.4	3	1	22.43
64QAM	836.5	20525	1.4	3	3	22.36
64QAM	836.5	20525	1.4	6	0	21.52
64QAM	848.3	20643	1.4	1	0	21.99
64QAM	848.3	20643	1.4	1	3	21.96
64QAM	848.3	20643	1.4	1	5	21.99
64QAM	848.3	20643	1.4	3	0	21.99
64QAM	848.3	20643	1.4	3	1	22.31
64QAM	848.3	20643	1.4	3	3	22.03
64QAM	848.3	20643	1.4	6	0	21.6

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	20407	1.4	1	0	23.94
QPSK	824.7	20407	1.4	1	3	24.01
QPSK	824.7	20407	1.4	1	5	24.07
QPSK	824.7	20407	1.4	3	0	24.01
QPSK	824.7	20407	1.4	3	1	24.04
QPSK	824.7	20407	1.4	3	3	23.98
QPSK	824.7	20407	1.4	6	0	23.58
QPSK	836.5	20525	1.4	1	0	24.04
QPSK	836.5	20525	1.4	1	3	24.08
QPSK	836.5	20525	1.4	1	5	23.96
QPSK	836.5	20525	1.4	3	0	23.93
QPSK	836.5	20525	1.4	3	1	24.01
QPSK	836.5	20525	1.4	3	3	23.91
QPSK	836.5	20525	1.4	6	0	23.4
QPSK	848.3	20643	1.4	1	0	23.92
QPSK	848.3	20643	1.4	1	3	23.78
QPSK	848.3	20643	1.4	1	5	23.96
QPSK	848.3	20643	1.4	3	0	23.91
QPSK	848.3	20643	1.4	3	1	23.9
QPSK	848.3	20643	1.4	3	3	23.81
QPSK	848.3	20643	1.4	6	0	23.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	825.5	20415	3	1	0	24.12
16QAM	825.5	20415	3	1	8	24.07
16QAM	825.5	20415	3	1	14	24.16
16QAM	825.5	20415	3	8	0	22.76
16QAM	825.5	20415	3	8	4	22.67
16QAM	825.5	20415	3	8	7	22.74
16QAM	825.5	20415	3	15	0	22.58
16QAM	836.5	20525	3	1	0	23.24
16QAM	836.5	20525	3	1	8	23.88
16QAM	836.5	20525	3	1	14	24.18
16QAM	836.5	20525	3	8	0	22.97
16QAM	836.5	20525	3	8	4	22.51
16QAM	836.5	20525	3	8	7	22.61
16QAM	836.5	20525	3	15	0	22.47
16QAM	847.5	20635	3	1	0	24.17
16QAM	847.5	20635	3	1	8	23.42
16QAM	847.5	20635	3	1	14	23.43
16QAM	847.5	20635	3	8	0	22.4
16QAM	847.5	20635	3	8	4	22.26
16QAM	847.5	20635	3	8	7	22.22
16QAM	847.5	20635	3	15	0	22.32
64QAM	825.5	20415	3	1	0	22.36
64QAM	825.5	20415	3	1	8	22.39
64QAM	825.5	20415	3	1	14	22.39
64QAM	825.5	20415	3	8	0	21.56
64QAM	825.5	20415	3	8	4	21.58
64QAM	825.5	20415	3	8	7	21.6
64QAM	825.5	20415	3	15	0	21.72
64QAM	836.5	20525	3	1	0	23.29
64QAM	836.5	20525	3	1	8	22.93
64QAM	836.5	20525	3	1	14	22.84
64QAM	836.5	20525	3	8	0	21.81
64QAM	836.5	20525	3	8	4	21.63
64QAM	836.5	20525	3	8	7	21.56
64QAM	836.5	20525	3	15	0	21.7
64QAM	847.5	20635	3	1	0	22.78
64QAM	847.5	20635	3	1	8	22.79
64QAM	847.5	20635	3	1	14	22.79
64QAM	847.5	20635	3	8	0	21.35
64QAM	847.5	20635	3	8	4	21.2
64QAM	847.5	20635	3	8	7	21.24
64QAM	847.5	20635	3	15	0	21.31

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	20415	3	1	0	24.24
QPSK	825.5	20415	3	1	8	24.32
QPSK	825.5	20415	3	1	14	24.37
QPSK	825.5	20415	3	8	0	23.55
QPSK	825.5	20415	3	8	4	23.61
QPSK	825.5	20415	3	8	7	23.56
QPSK	825.5	20415	3	15	0	23.54
QPSK	836.5	20525	3	1	0	23.75
QPSK	836.5	20525	3	1	8	23.85
QPSK	836.5	20525	3	1	14	23.8
QPSK	836.5	20525	3	8	0	23.23
QPSK	836.5	20525	3	8	4	23.23
QPSK	836.5	20525	3	8	7	23.17
QPSK	836.5	20525	3	15	0	23.21
QPSK	847.5	20635	3	1	0	23.85
QPSK	847.5	20635	3	1	8	23.79
QPSK	847.5	20635	3	1	14	23.72
QPSK	847.5	20635	3	8	0	23.35
QPSK	847.5	20635	3	8	4	23.3
QPSK	847.5	20635	3	8	7	23.26
QPSK	847.5	20635	3	15	0	23.36

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	826.5	20425	5	1	0	23.09
16QAM	826.5	20425	5	1	12	23.16
16QAM	826.5	20425	5	1	24	23.06
16QAM	826.5	20425	5	12	0	22.48
16QAM	826.5	20425	5	12	7	22.47
16QAM	826.5	20425	5	12	13	22.37
16QAM	826.5	20425	5	25	0	22.62
16QAM	836.5	20525	5	1	0	22.9
16QAM	836.5	20525	5	1	12	22.69
16QAM	836.5	20525	5	1	24	22.7
16QAM	836.5	20525	5	12	0	22.67
16QAM	836.5	20525	5	12	7	22.26
16QAM	836.5	20525	5	12	13	22.07
16QAM	836.5	20525	5	25	0	22.44
16QAM	846.5	20625	5	1	0	24.07
16QAM	846.5	20625	5	1	12	23.96
16QAM	846.5	20625	5	1	24	23.99
16QAM	846.5	20625	5	12	0	22.45
16QAM	846.5	20625	5	12	7	22.38
16QAM	846.5	20625	5	12	13	22.35
16QAM	846.5	20625	5	25	0	22.26
64QAM	826.5	20425	5	1	0	22.1
64QAM	826.5	20425	5	1	12	22.09
64QAM	826.5	20425	5	1	24	22.26
64QAM	826.5	20425	5	12	0	21.87
64QAM	826.5	20425	5	12	7	21.52
64QAM	826.5	20425	5	12	13	21.5
64QAM	826.5	20425	5	25	0	21.54
64QAM	836.5	20525	5	1	0	22.36
64QAM	836.5	20525	5	1	12	22.01
64QAM	836.5	20525	5	1	24	21.98
64QAM	836.5	20525	5	12	0	21.89
64QAM	836.5	20525	5	12	7	21.61
64QAM	836.5	20525	5	12	13	21.81
64QAM	836.5	20525	5	25	0	21.72
64QAM	846.5	20625	5	1	0	23.4
64QAM	846.5	20625	5	1	12	23.39
64QAM	846.5	20625	5	1	24	23.51
64QAM	846.5	20625	5	12	0	21.38
64QAM	846.5	20625	5	12	7	21.24
64QAM	846.5	20625	5	12	13	21.34
64QAM	846.5	20625	5	25	0	21.37

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	20425	5	1	0	24.05
QPSK	826.5	20425	5	1	12	23.93
QPSK	826.5	20425	5	1	24	23.9
QPSK	826.5	20425	5	12	0	23.38
QPSK	826.5	20425	5	12	7	23.4
QPSK	826.5	20425	5	12	13	23.34
QPSK	826.5	20425	5	25	0	23.37
QPSK	836.5	20525	5	1	0	23.94
QPSK	836.5	20525	5	1	12	23.89
QPSK	836.5	20525	5	1	24	23.77
QPSK	836.5	20525	5	12	0	23.25
QPSK	836.5	20525	5	12	7	23.24
QPSK	836.5	20525	5	12	13	23.2
QPSK	836.5	20525	5	25	0	23.24
QPSK	846.5	20625	5	1	0	23.74
QPSK	846.5	20625	5	1	12	23.83
QPSK	846.5	20625	5	1	24	23.89
QPSK	846.5	20625	5	12	0	23.33
QPSK	846.5	20625	5	12	7	23.31
QPSK	846.5	20625	5	12	13	23.35
QPSK	846.5	20625	5	25	0	23.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	829	20450	10	1	0	24.23
16QAM	829	20450	10	1	25	24.35
16QAM	829	20450	10	1	49	24.33
16QAM	829	20450	10	25	0	22.56
16QAM	829	20450	10	25	12	22.58
16QAM	829	20450	10	25	25	22.64
16QAM	829	20450	10	50	0	22.59
16QAM	836.5	20525	10	1	0	23.68
16QAM	836.5	20525	10	1	25	23.37
16QAM	836.5	20525	10	1	49	23.23
16QAM	836.5	20525	10	25	0	22.9
16QAM	836.5	20525	10	25	12	22.41
16QAM	836.5	20525	10	25	25	22.22
16QAM	836.5	20525	10	50	0	22.43
16QAM	844	20600	10	1	0	23.97
16QAM	844	20600	10	1	25	24.04
16QAM	844	20600	10	1	49	24.16
16QAM	844	20600	10	25	0	22.19
16QAM	844	20600	10	25	12	22.2
16QAM	844	20600	10	25	25	22.42
16QAM	844	20600	10	50	0	22.06
64QAM	829	20450	10	1	0	22.99
64QAM	829	20450	10	1	25	23.13
64QAM	829	20450	10	1	49	23.06
64QAM	829	20450	10	25	0	21.53
64QAM	829	20450	10	25	12	21.36
64QAM	829	20450	10	25	25	21.49
64QAM	829	20450	10	50	0	21.56
64QAM	836.5	20525	10	1	0	23.08
64QAM	836.5	20525	10	1	25	22.83
64QAM	836.5	20525	10	1	49	22.95
64QAM	836.5	20525	10	25	0	21.81
64QAM	836.5	20525	10	25	12	21.62
64QAM	836.5	20525	10	25	25	21.25
64QAM	836.5	20525	10	50	0	21.72
64QAM	844	20600	10	1	0	22.71
64QAM	844	20600	10	1	25	22.66
64QAM	844	20600	10	1	49	22.95
64QAM	844	20600	10	25	0	21.15
64QAM	844	20600	10	25	12	21.06
64QAM	844	20600	10	25	25	21.41
64QAM	844	20600	10	50	0	21.13

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	20450	10	1	0	23.96
QPSK	829	20450	10	1	25	23.99
QPSK	829	20450	10	1	49	24.01
QPSK	829	20450	10	25	0	23.52
QPSK	829	20450	10	25	12	23.44
QPSK	829	20450	10	25	25	23.54
QPSK	829	20450	10	50	0	23.41
QPSK	836.5	20525	10	1	0	24.06
QPSK	836.5	20525	10	1	25	23.83
QPSK	836.5	20525	10	1	49	23.66
QPSK	836.5	20525	10	25	0	23.24
QPSK	836.5	20525	10	25	12	23.26
QPSK	836.5	20525	10	25	25	23.16
QPSK	836.5	20525	10	50	0	23.23
QPSK	844	20600	10	1	0	23.68
QPSK	844	20600	10	1	25	23.66
QPSK	844	20600	10	1	49	23.75
QPSK	844	20600	10	25	0	23.12
QPSK	844	20600	10	25	12	23.11
QPSK	844	20600	10	25	25	23.41
QPSK	844	20600	10	50	0	22.98

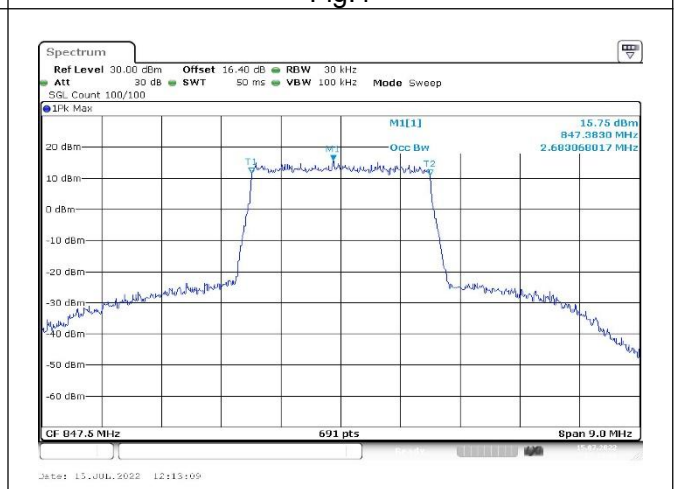
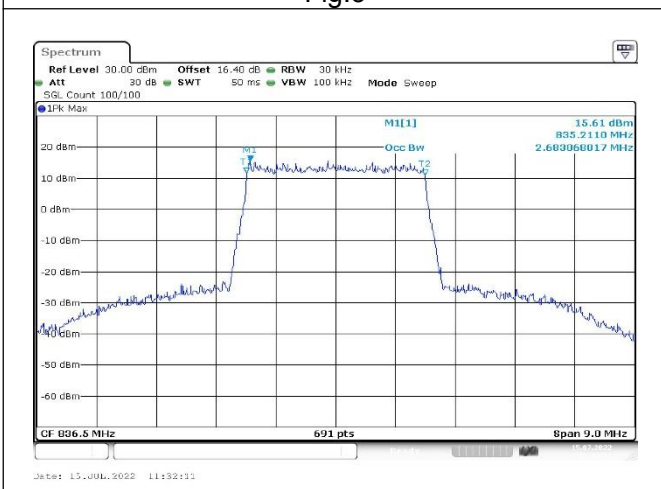
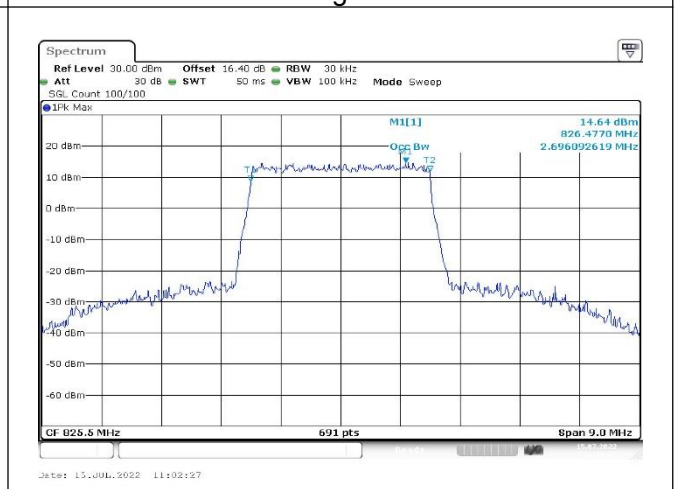
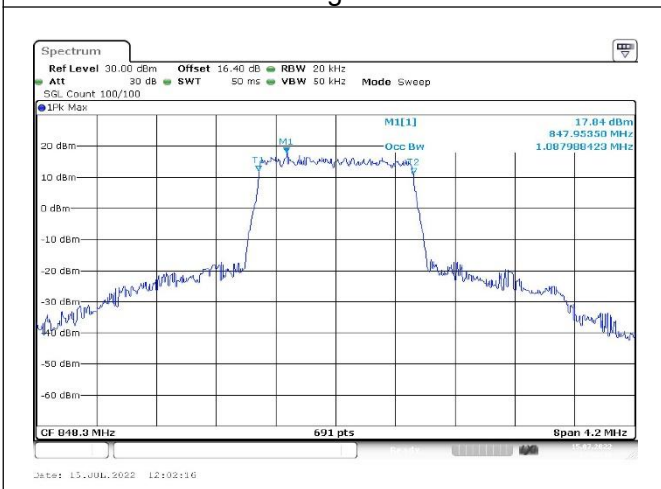
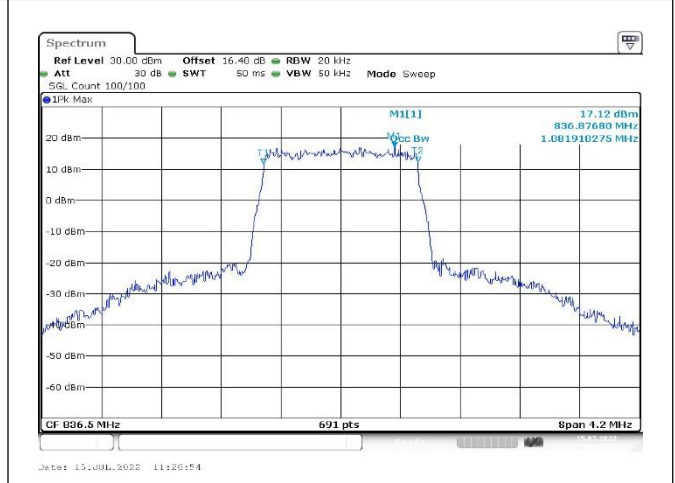
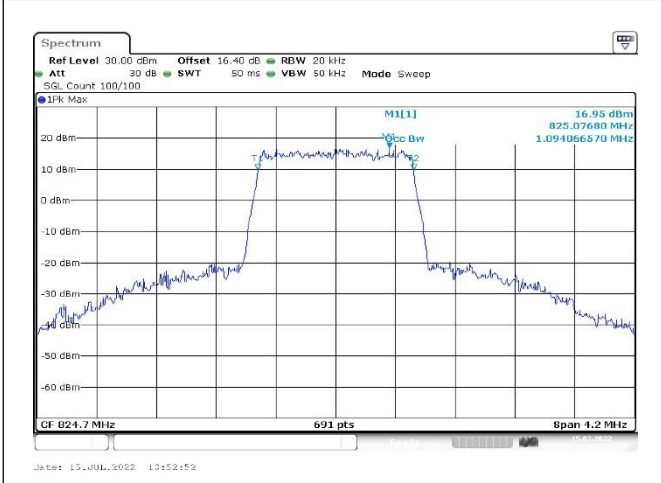
2 Occupied Bandwidth

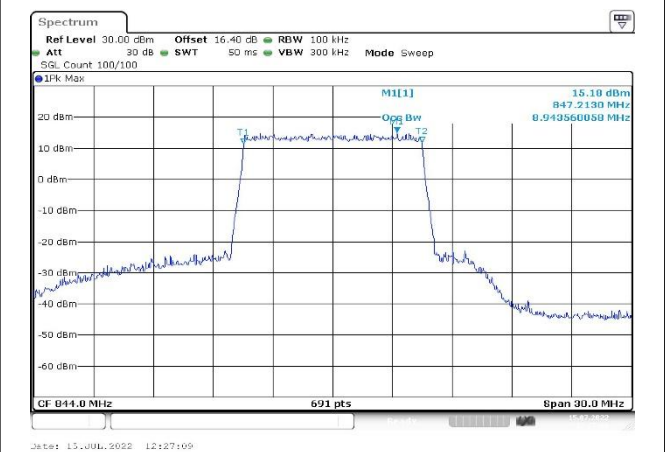
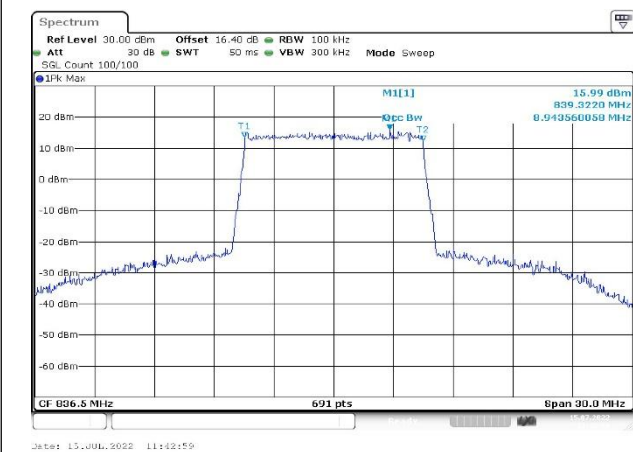
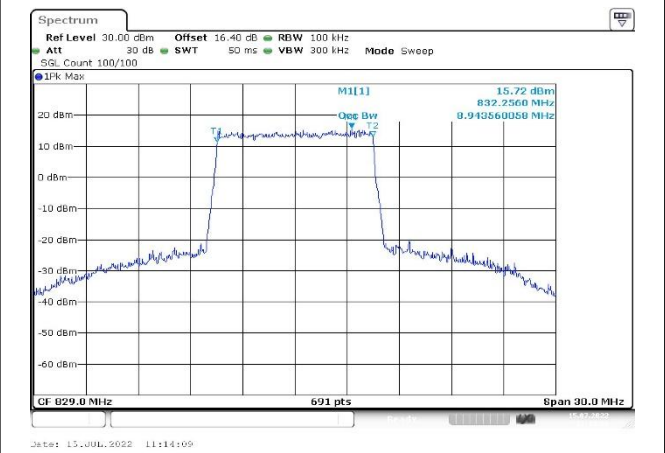
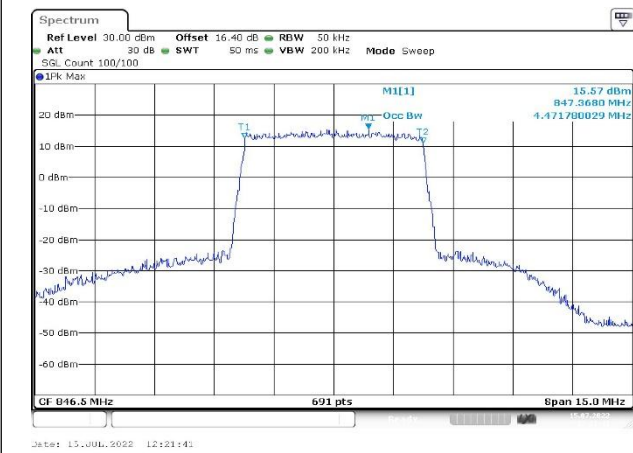
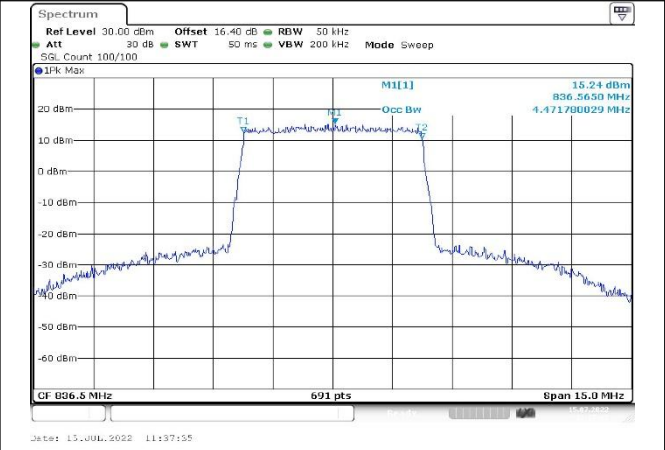
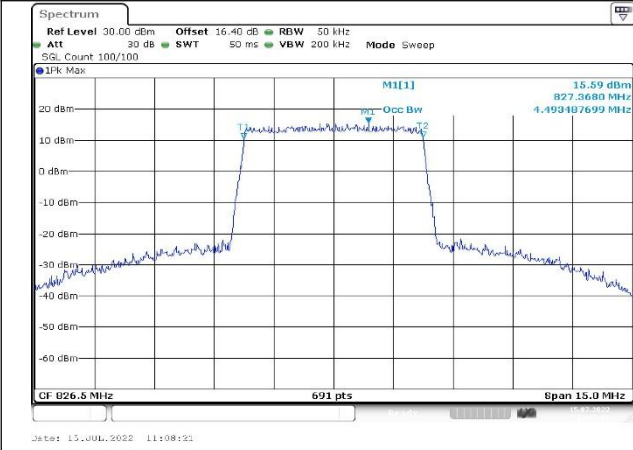
Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
5	QPSK	824.7	20407	1.4	6	0	1.094	Fig.1
5	QPSK	836.5	20525	1.4	6	0	1.082	Fig.2
5	QPSK	848.3	20643	1.4	6	0	1.088	Fig.3
5	QPSK	825.5	20415	3	15	0	2.696	Fig.4
5	QPSK	836.5	20525	3	15	0	2.683	Fig.5
5	QPSK	847.5	20635	3	15	0	2.683	Fig.6
5	QPSK	826.5	20425	5	25	0	4.493	Fig.7
5	QPSK	836.5	20525	5	25	0	4.472	Fig.8
5	QPSK	846.5	20625	5	25	0	4.472	Fig.9
5	QPSK	829	20450	10	50	0	8.944	Fig.10
5	QPSK	836.5	20525	10	50	0	8.944	Fig.11
5	QPSK	844	20600	10	50	0	8.944	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
5	16QAM	824.7	20407	1.4	6	0	1.082	Fig.13
5	16QAM	836.5	20525	1.4	6	0	1.088	Fig.14
5	16QAM	848.3	20643	1.4	6	0	1.082	Fig.15
5	16QAM	825.5	20415	3	15	0	2.683	Fig.16
5	16QAM	836.5	20525	3	15	0	2.696	Fig.17
5	16QAM	847.5	20635	3	15	0	2.683	Fig.18
5	16QAM	826.5	20425	5	25	0	4.472	Fig.19
5	16QAM	836.5	20525	5	25	0	4.472	Fig.20
5	16QAM	846.5	20625	5	25	0	4.472	Fig.21
5	16QAM	829	20450	10	50	0	8.944	Fig.22
5	16QAM	836.5	20525	10	50	0	8.944	Fig.23
5	16QAM	844	20600	10	50	0	8.944	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
5	64QAM	824.7	20407	1.4	6	0	1.088	Fig.25
5	64QAM	836.5	20525	1.4	6	0	1.082	Fig.26
5	64QAM	848.3	20643	1.4	6	0	1.082	Fig.27
5	64QAM	825.5	20415	3	15	0	2.683	Fig.28
5	64QAM	836.5	20525	3	15	0	2.696	Fig.29
5	64QAM	847.5	20635	3	15	0	2.696	Fig.30
5	64QAM	826.5	20425	5	25	0	4.472	Fig.31
5	64QAM	836.5	20525	5	25	0	4.472	Fig.32
5	64QAM	846.5	20625	5	25	0	4.472	Fig.33
5	64QAM	829	20450	10	50	0	8.944	Fig.34
5	64QAM	836.5	20525	10	50	0	8.944	Fig.35
5	64QAM	844	20600	10	50	0	8.944	Fig.36

Test Mode: QPSK





Test Mode: 16QAM

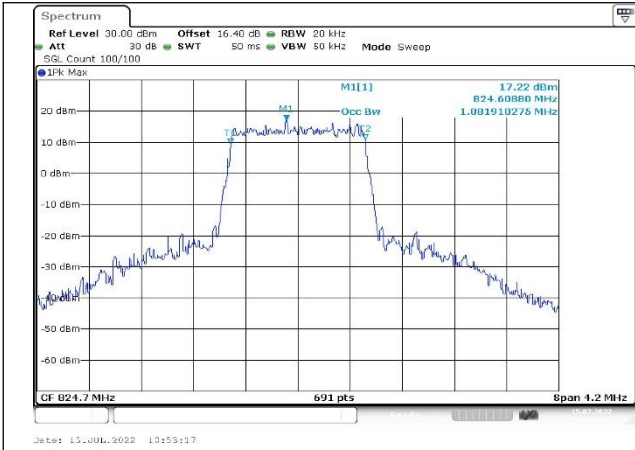


Fig.13

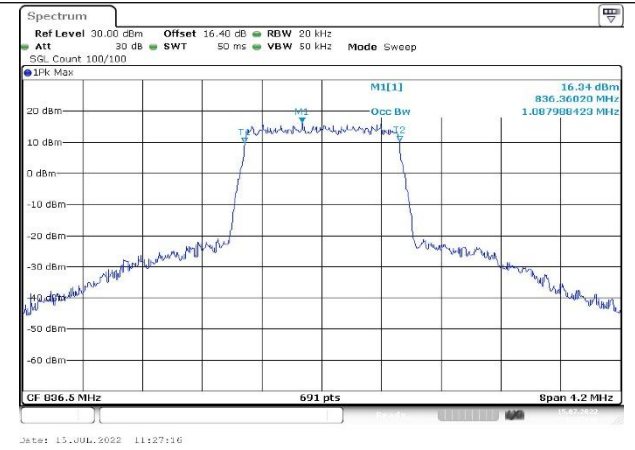


Fig.14

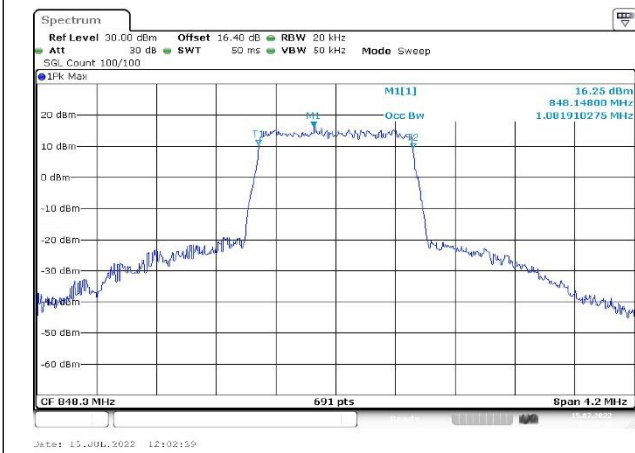


Fig.15

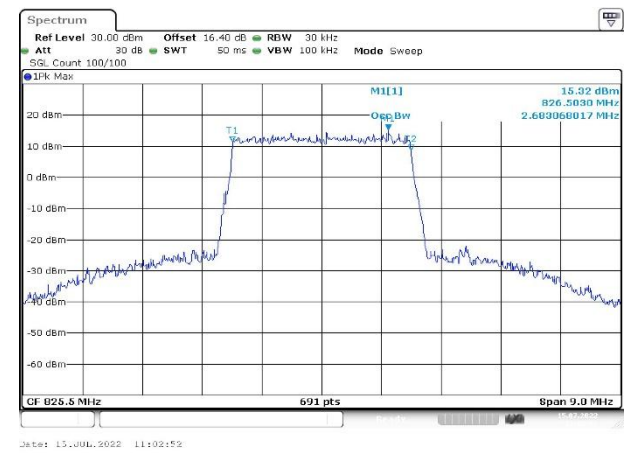


Fig.16

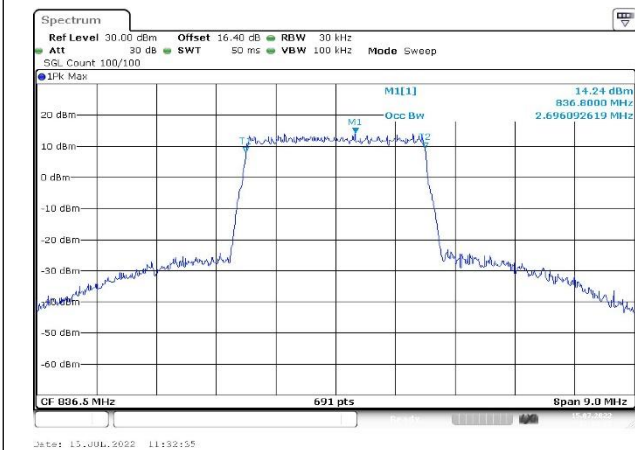


Fig.17

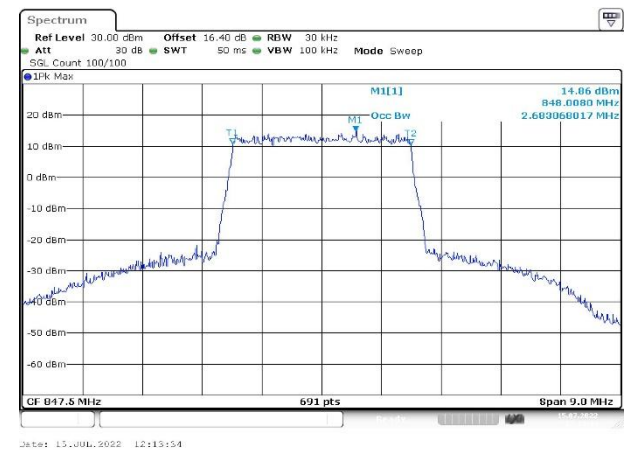
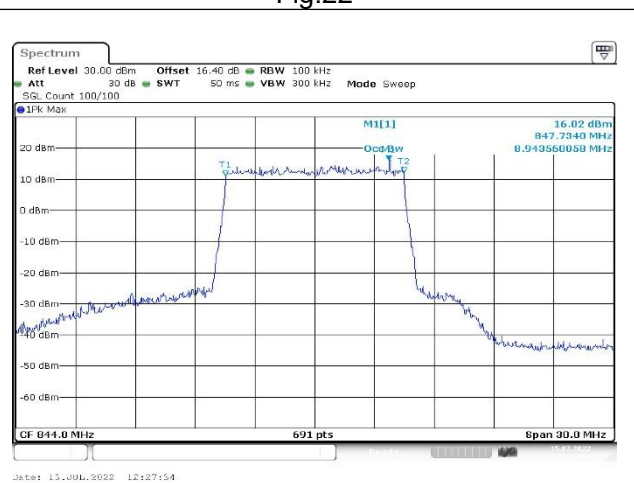
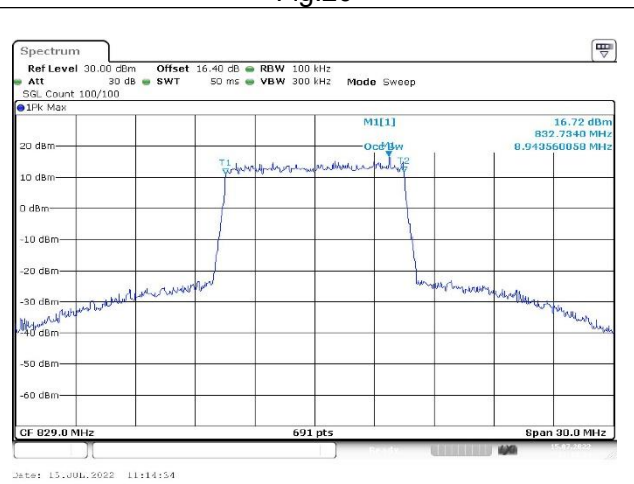
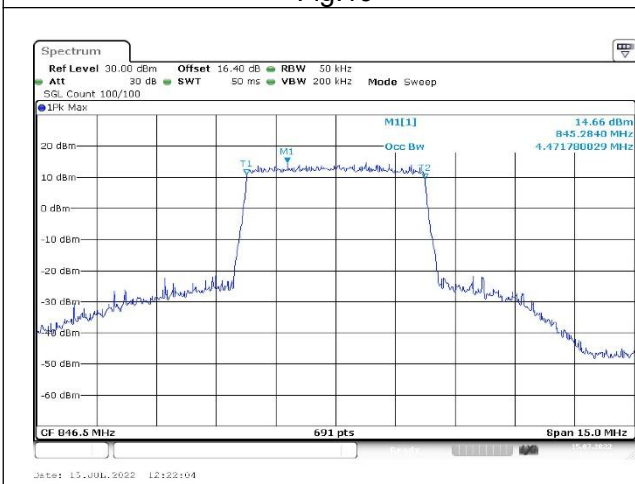
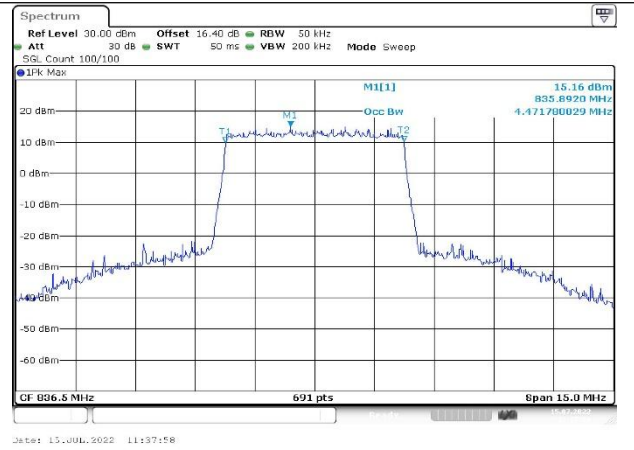
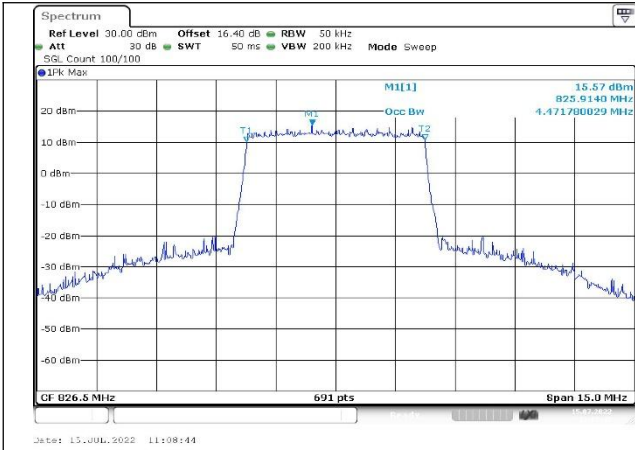


Fig.18



Test Mode: 64QAM

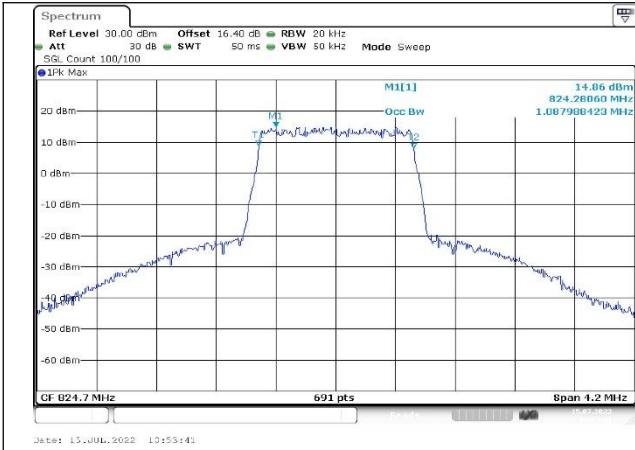


Fig.25

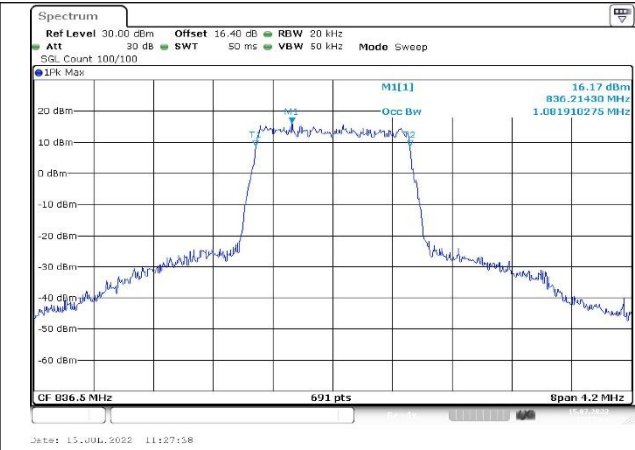


Fig.26

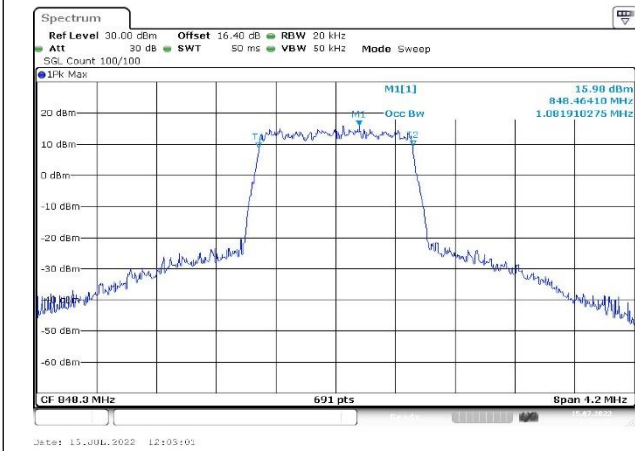


Fig.27

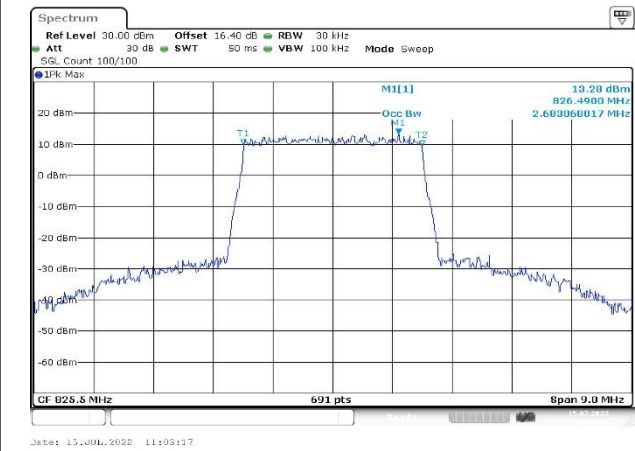


Fig.28

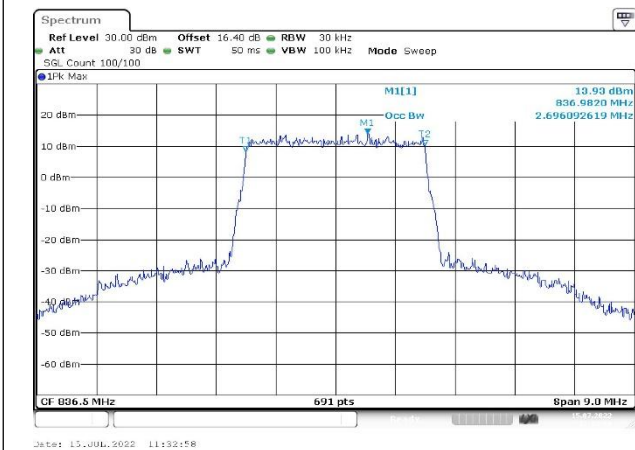


Fig.29

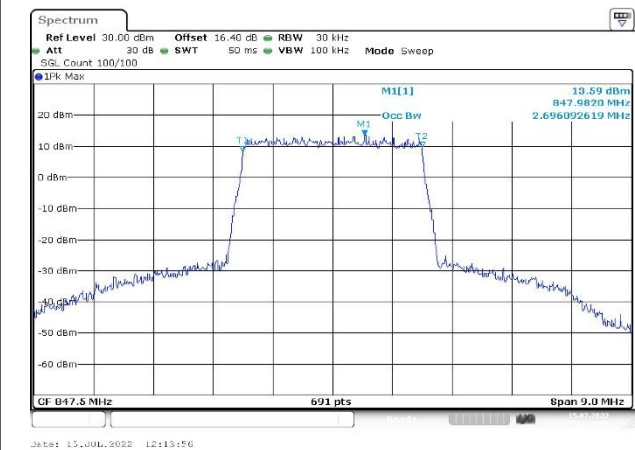
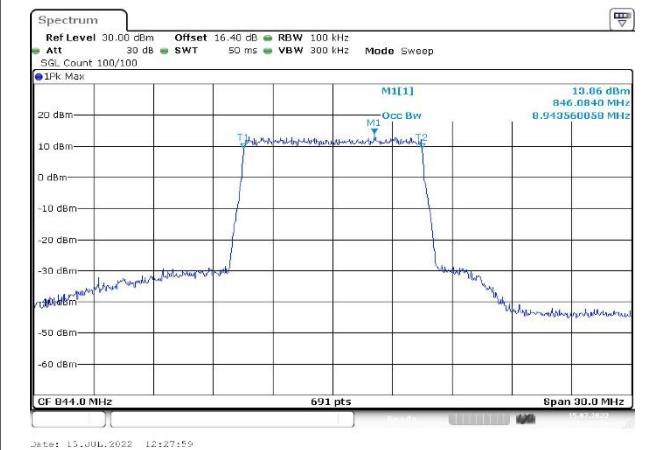
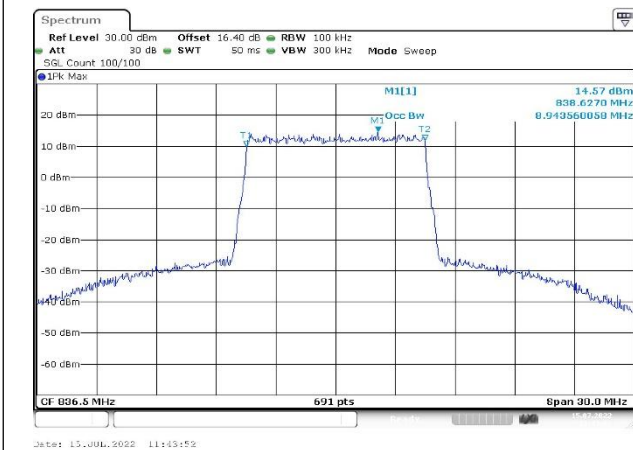
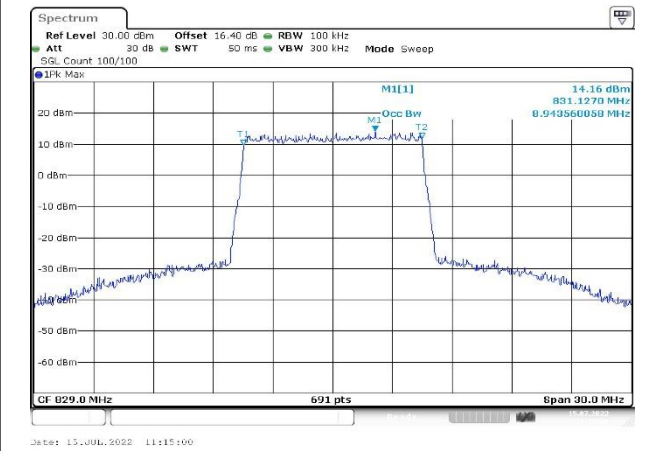
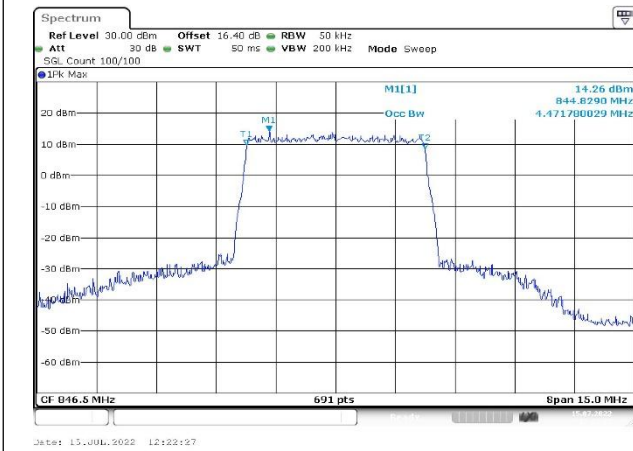
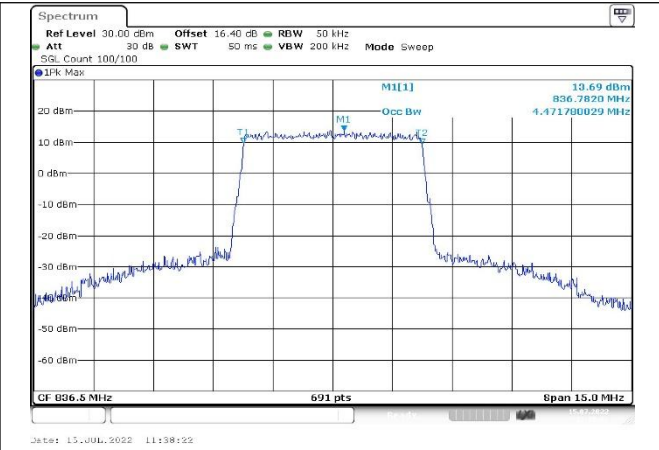
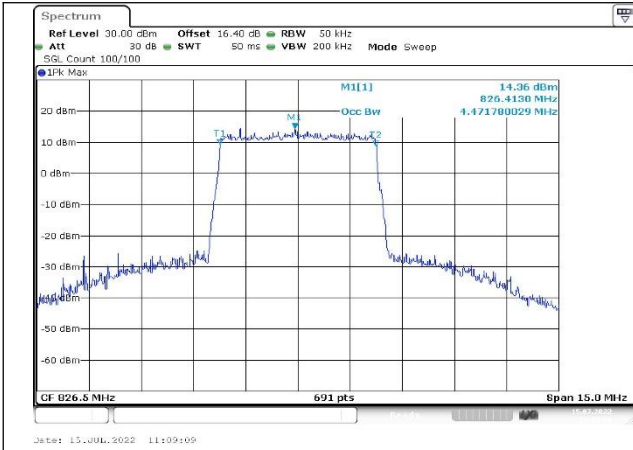


Fig.30



3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
5	QPSK	824.7	20407	1.4	6	0	1.228	Fig.1
5	QPSK	836.5	20525	1.4	6	0	1.228	Fig.2
5	QPSK	848.3	20643	1.4	6	0	1.234	Fig.3
5	QPSK	825.5	20415	3	15	0	3.022	Fig.4
5	QPSK	836.5	20525	3	15	0	2.996	Fig.5
5	QPSK	847.5	20635	3	15	0	2.996	Fig.6
5	QPSK	826.5	20425	5	25	0	4.928	Fig.7
5	QPSK	836.5	20525	5	25	0	4.949	Fig.8
5	QPSK	846.5	20625	5	25	0	4.928	Fig.9
5	QPSK	829	20450	10	50	0	9.768	Fig.10
5	QPSK	836.5	20525	10	50	0	9.725	Fig.11
5	QPSK	844	20600	10	50	0	9.768	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
5	16QAM	824.7	20407	1.4	6	0	1.234	Fig.13
5	16QAM	836.5	20525	1.4	6	0	1.240	Fig.14
5	16QAM	848.3	20643	1.4	6	0	1.228	Fig.15
5	16QAM	825.5	20415	3	15	0	2.983	Fig.16
5	16QAM	836.5	20525	3	15	0	2.996	Fig.17
5	16QAM	847.5	20635	3	15	0	2.996	Fig.18
5	16QAM	826.5	20425	5	25	0	4.884	Fig.19
5	16QAM	836.5	20525	5	25	0	4.906	Fig.20
5	16QAM	846.5	20625	5	25	0	4.884	Fig.21
5	16QAM	829	20450	10	50	0	9.768	Fig.22
5	16QAM	836.5	20525	10	50	0	9.725	Fig.23
5	16QAM	844	20600	10	50	0	9.725	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
5	64QAM	824.7	20407	1.4	6	0	1.234	Fig.25
5	64QAM	836.5	20525	1.4	6	0	1.228	Fig.26
5	64QAM	848.3	20643	1.4	6	0	1.234	Fig.27
5	64QAM	825.5	20415	3	15	0	2.996	Fig.28
5	64QAM	836.5	20525	3	15	0	2.996	Fig.29
5	64QAM	847.5	20635	3	15	0	2.996	Fig.30
5	64QAM	826.5	20425	5	25	0	4.928	Fig.31
5	64QAM	836.5	20525	5	25	0	4.906	Fig.32
5	64QAM	846.5	20625	5	25	0	4.884	Fig.33
5	64QAM	829	20450	10	50	0	9.768	Fig.34
5	64QAM	836.5	20525	10	50	0	9.725	Fig.35
5	64QAM	844	20600	10	50	0	9.812	Fig.36

Test Mode: QPSK

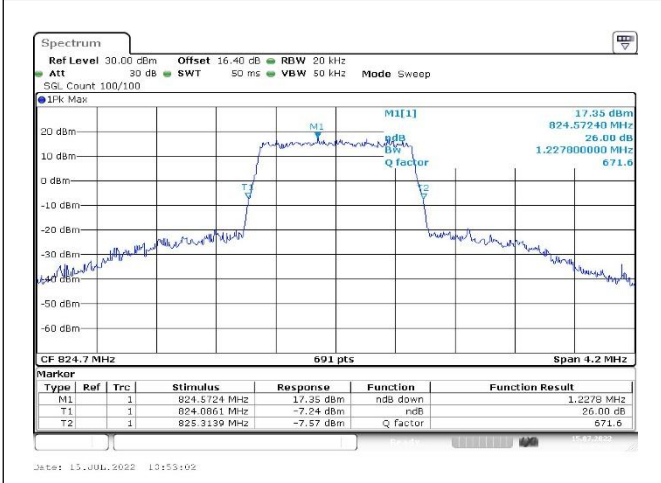


Fig.1

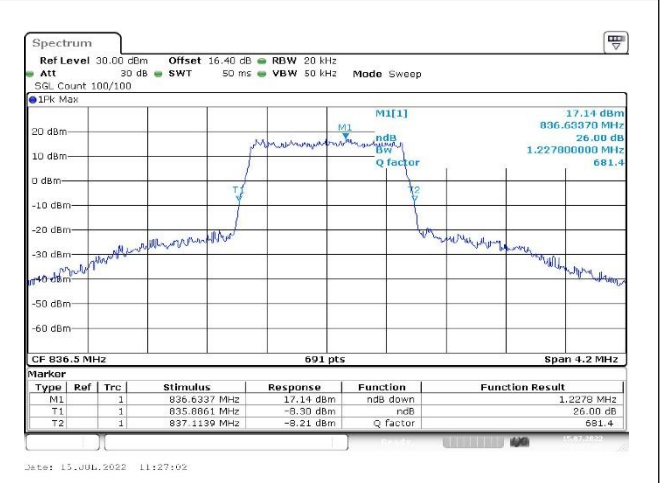


Fig.2

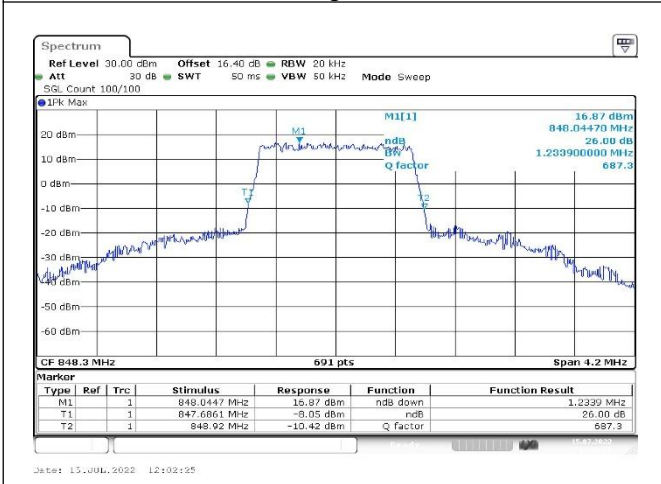


Fig.3

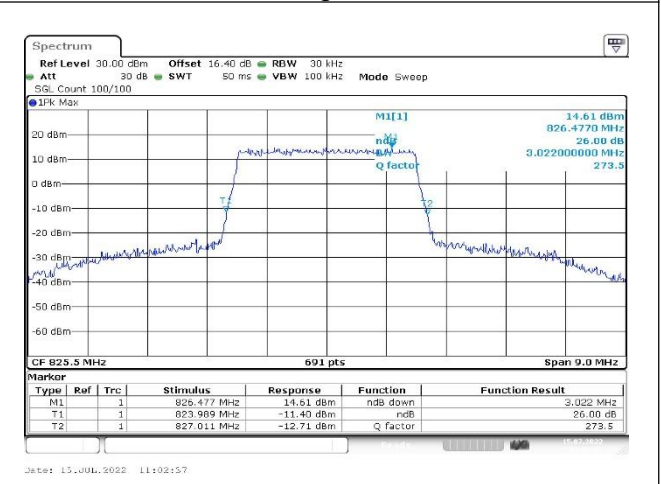


Fig.4

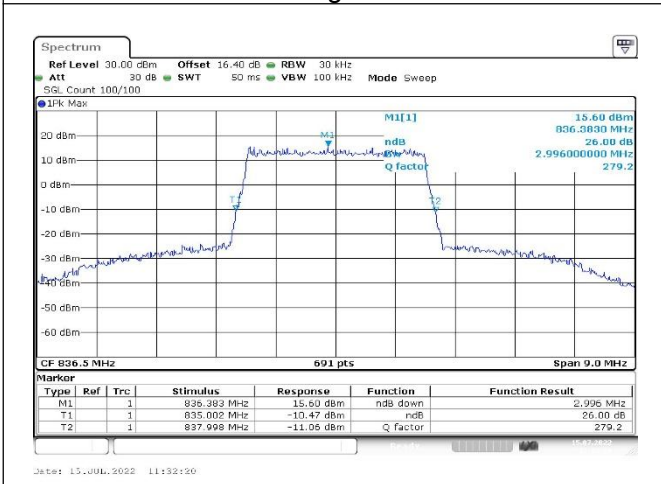


Fig.5

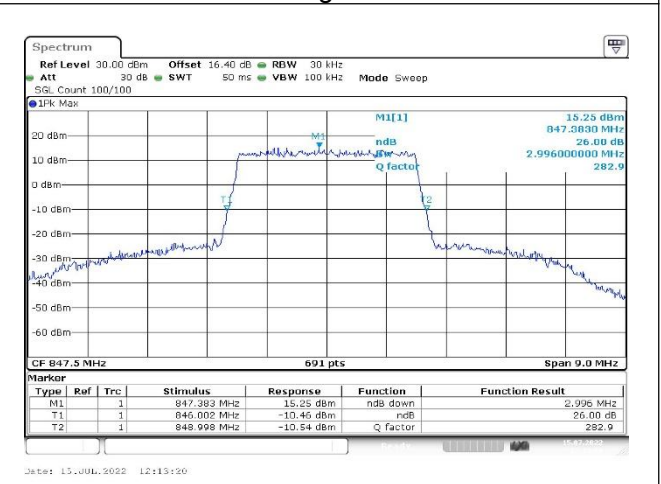


Fig.6

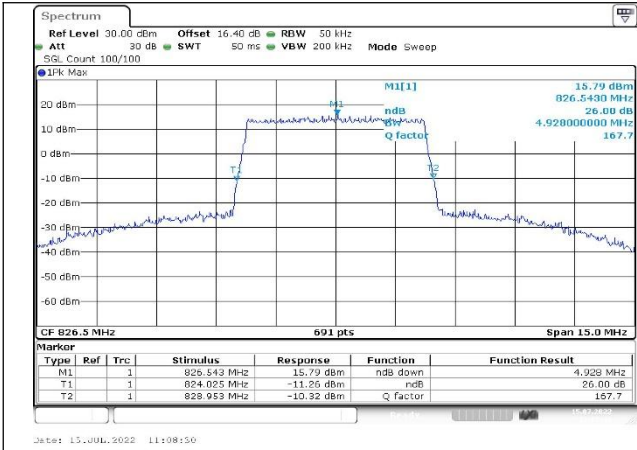


Fig.7

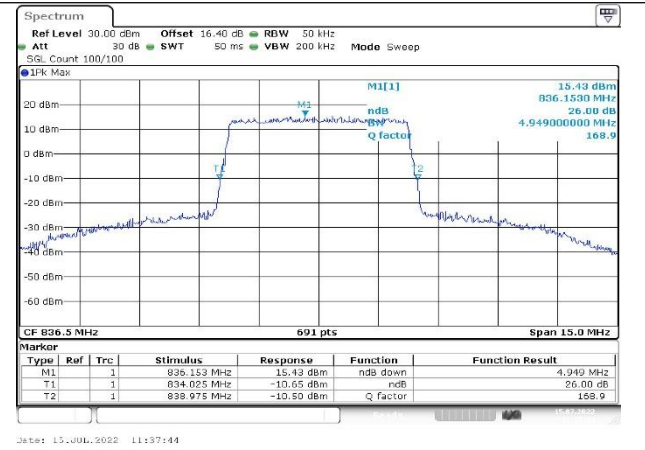


Fig.8

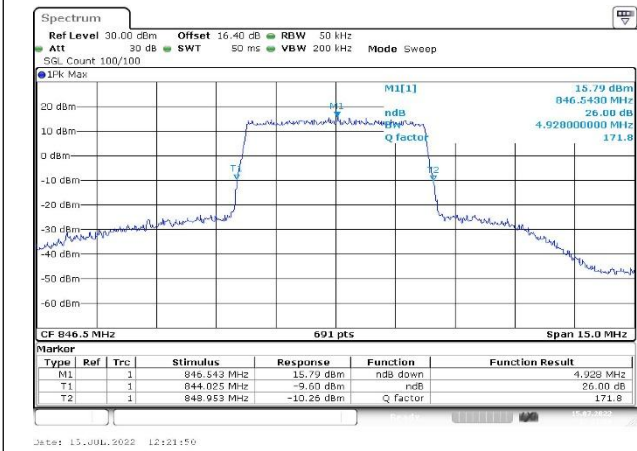


Fig.9

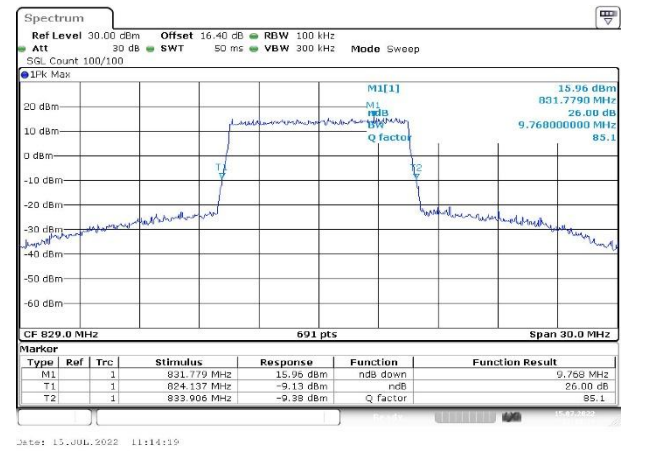


Fig.10

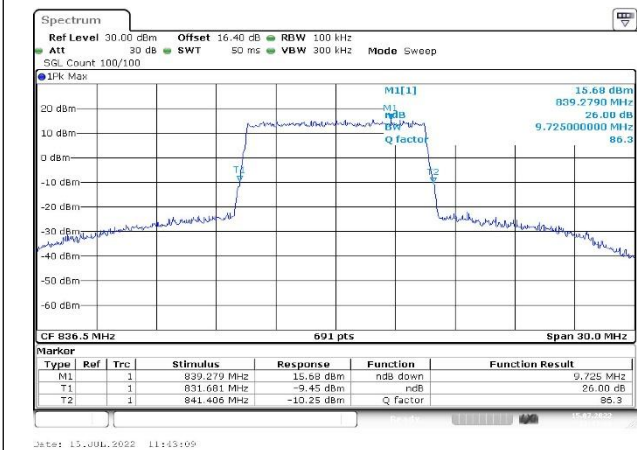


Fig.11

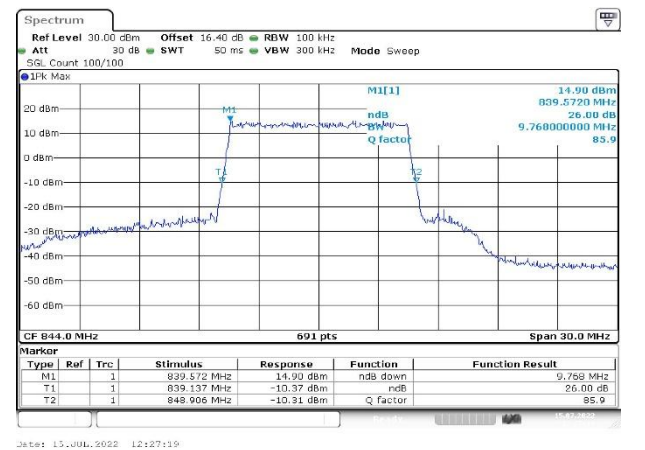


Fig.12

Test Mode: 16QAM

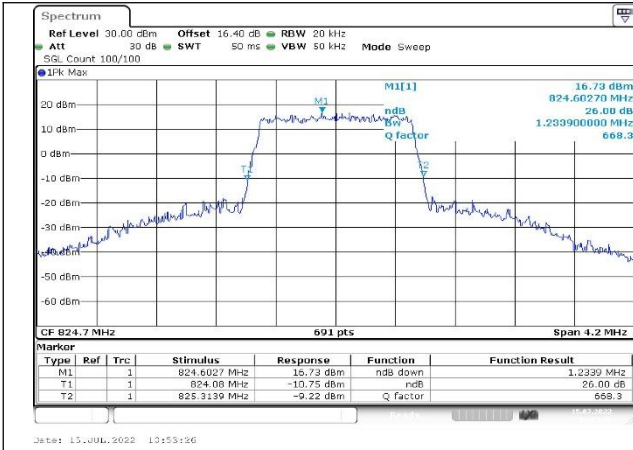


Fig.13

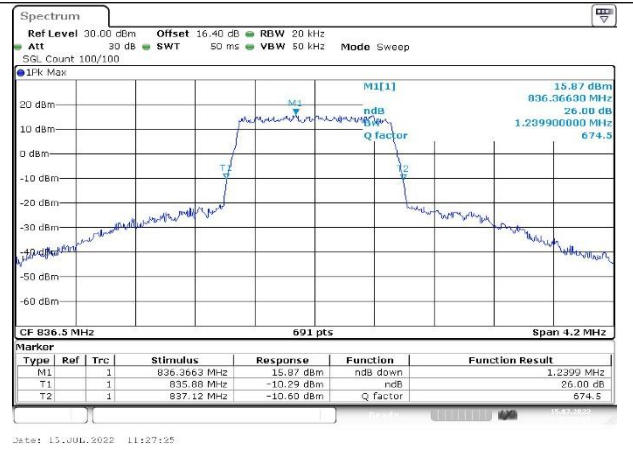


Fig.14

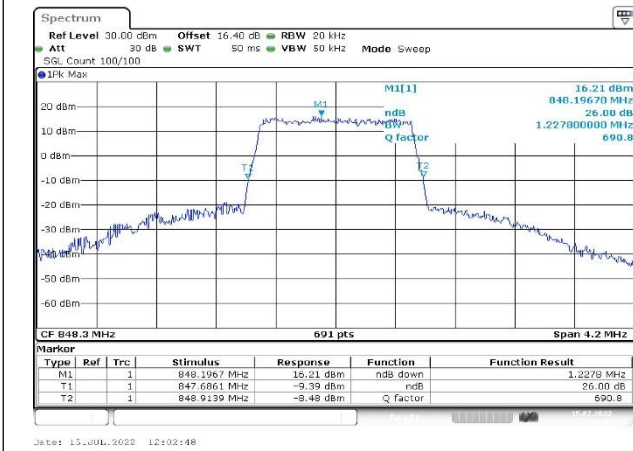


Fig.15

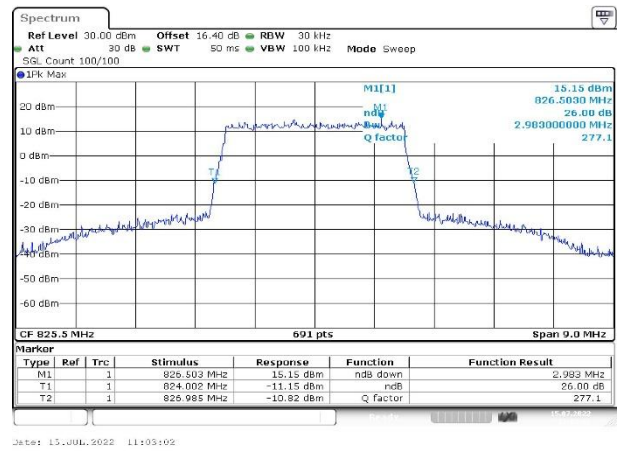


Fig.16

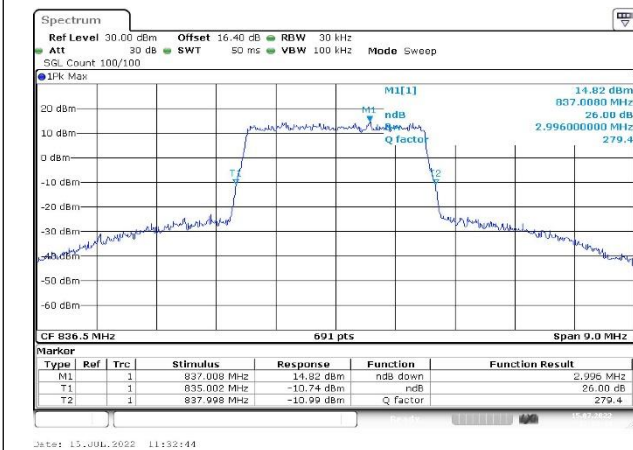


Fig.17

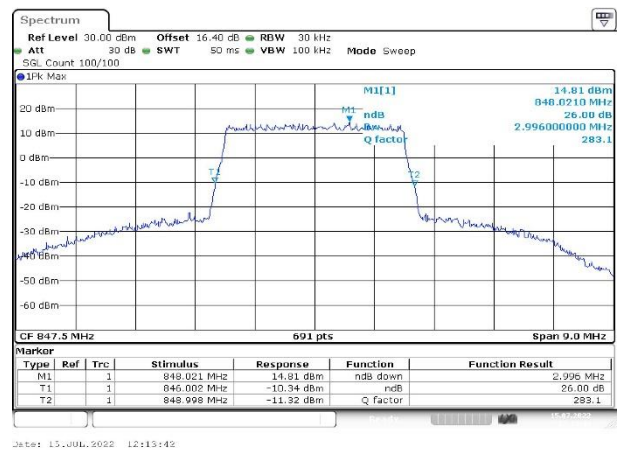


Fig.18

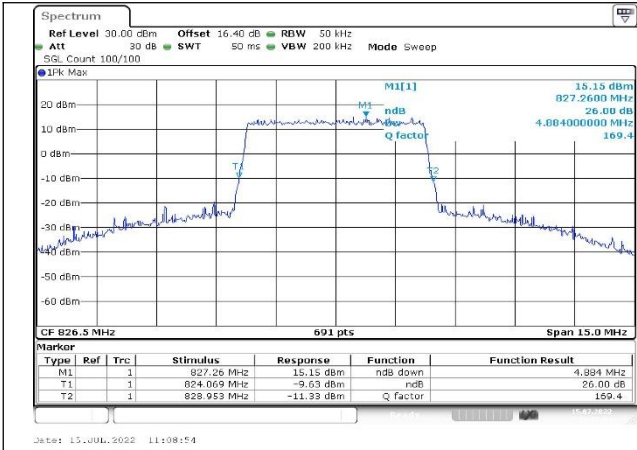


Fig.19

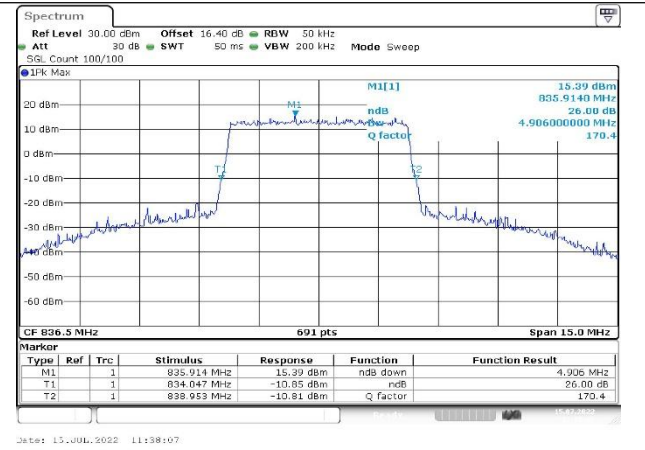


Fig.20

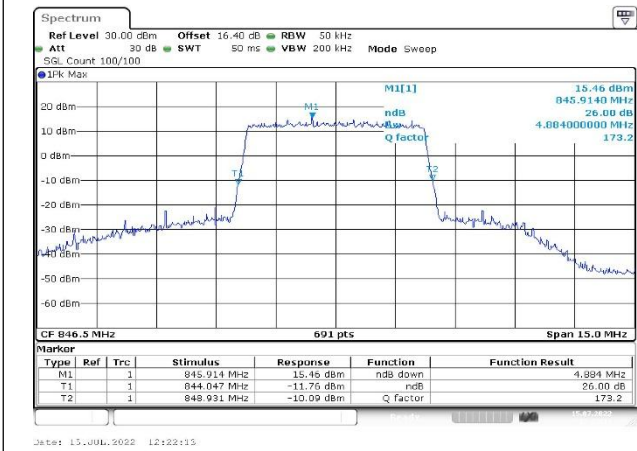


Fig.21

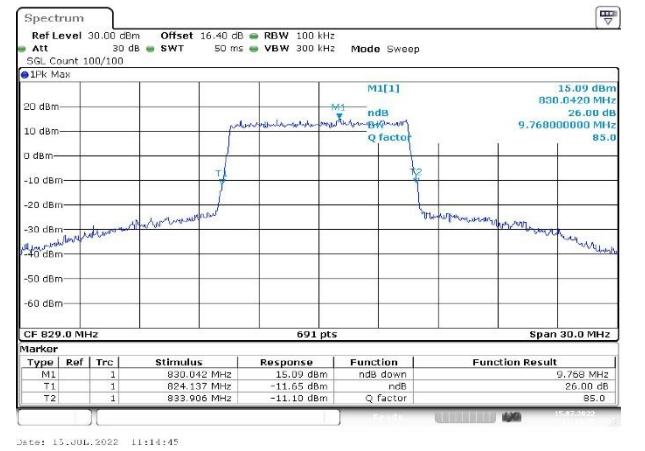


Fig.22

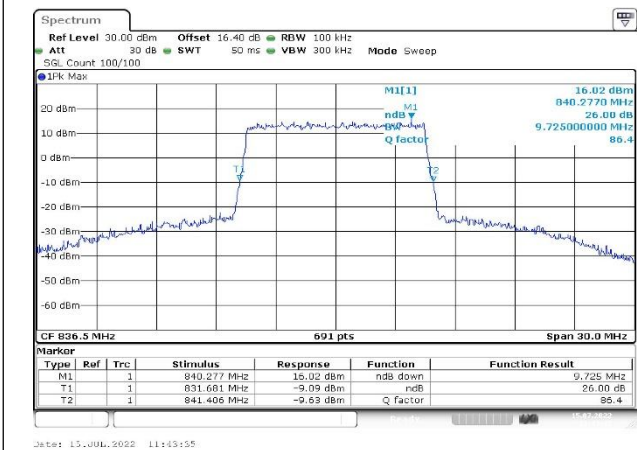


Fig.23

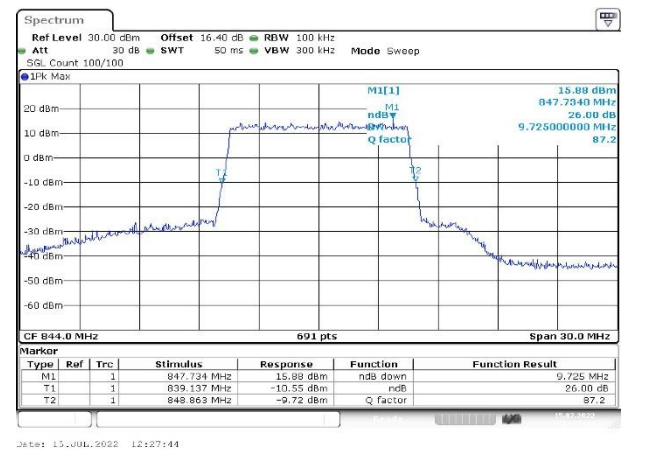


Fig.24

Test Mode: 64QAM

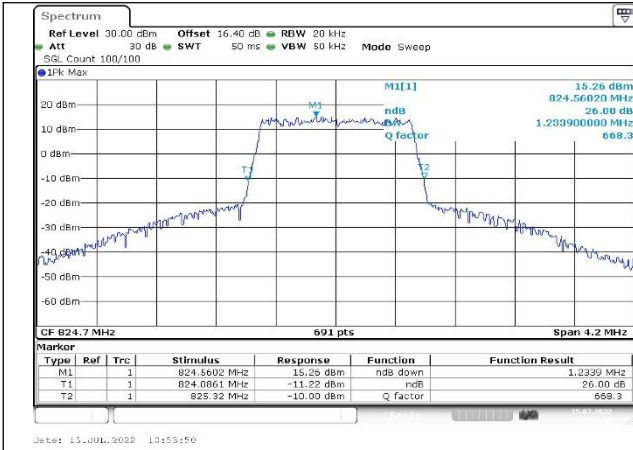


Fig.25

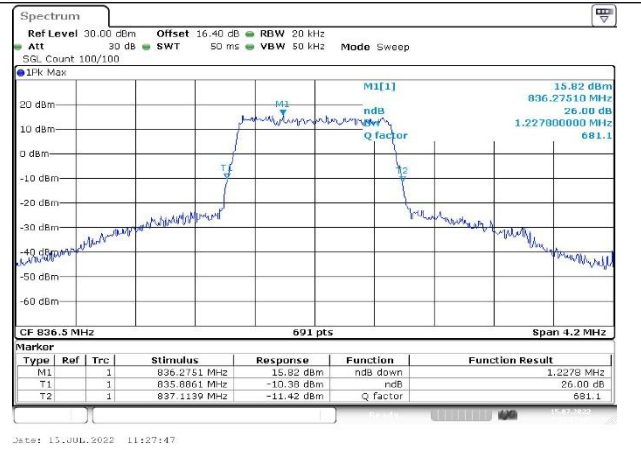


Fig.26

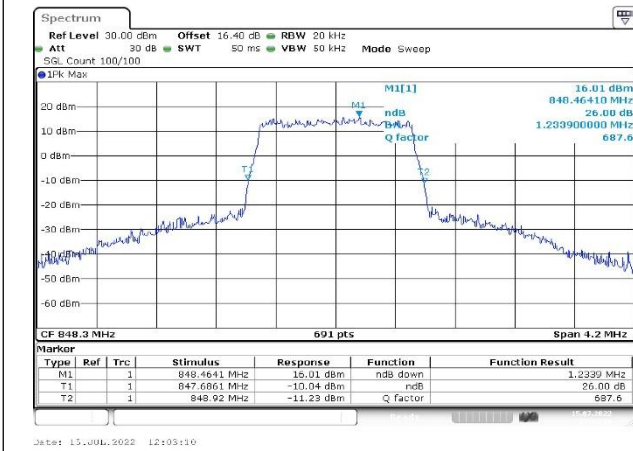


Fig.27

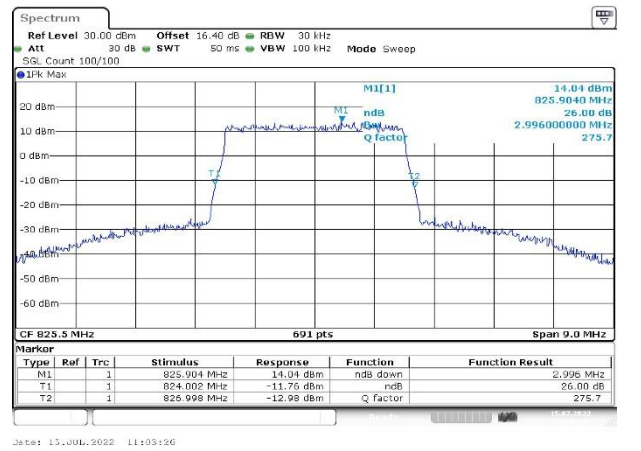


Fig.28

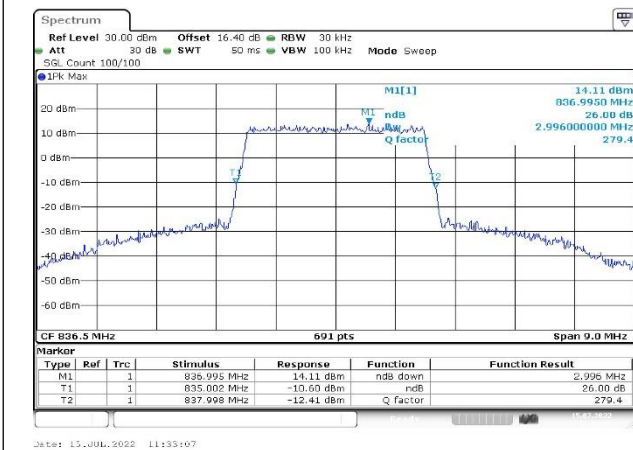


Fig.29

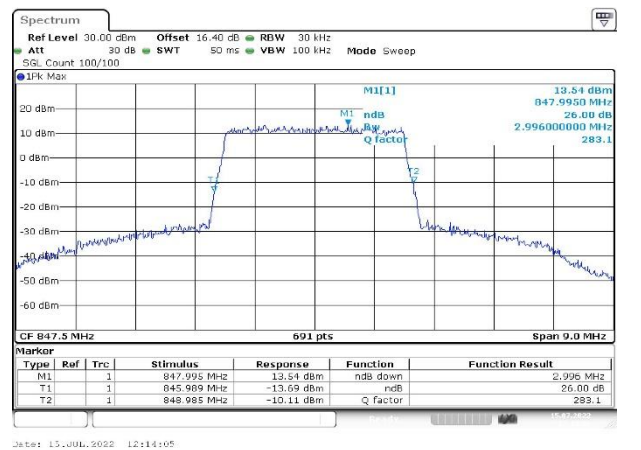


Fig.30

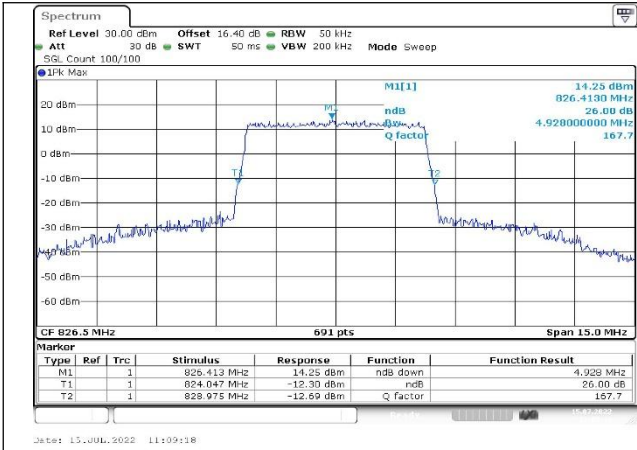


Fig.31

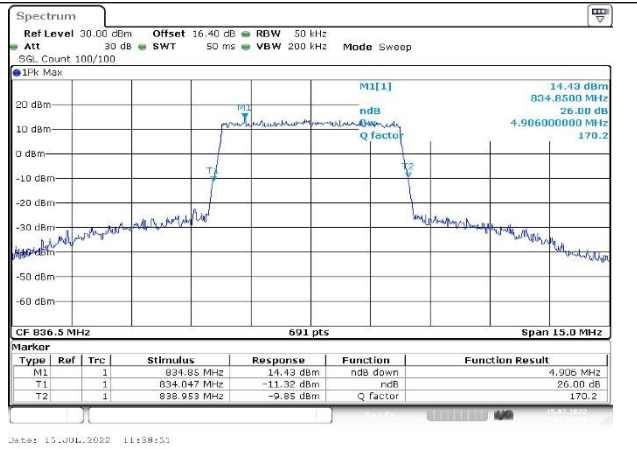


Fig.32

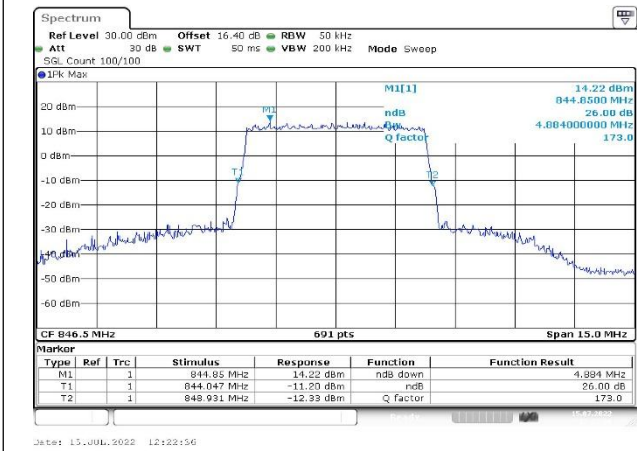


Fig.33

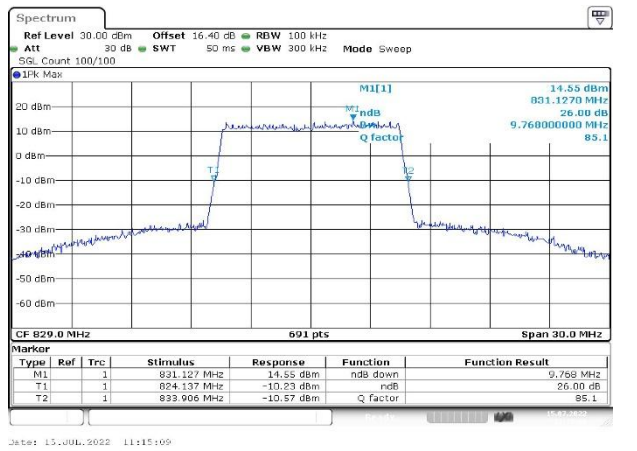


Fig.34

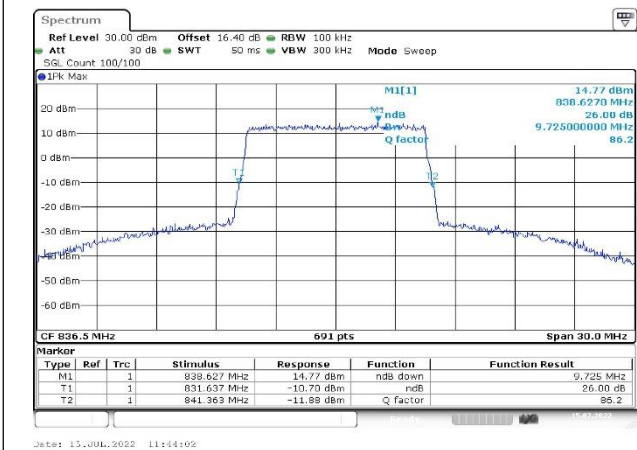


Fig.35

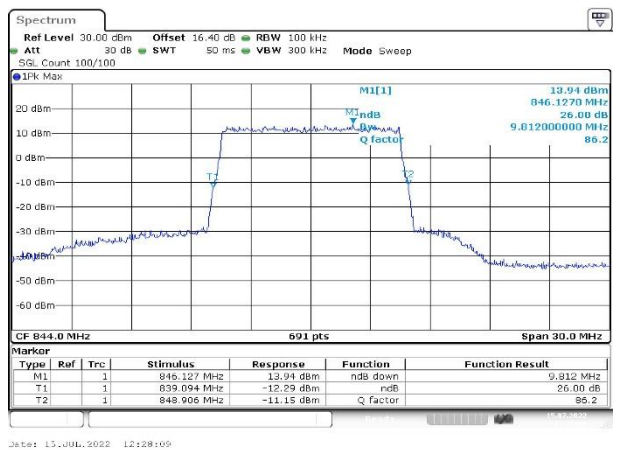


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
5	824.7	20407	1.4	1	5	Fig.1	Fig.2	Fig.3
5	824.7	20407	1.4	6	0	Fig.4	Fig.5	Fig.6
5	836.5	20525	1.4	1	5	Fig.7	Fig.8	Fig.9
5	836.5	20525	1.4	6	0	Fig.10	Fig.11	Fig.12
5	848.3	20643	1.4	1	5	Fig.13	Fig.14	Fig.15
5	848.3	20643	1.4	6	0	Fig.16	Fig.17	Fig.18
5	825.5	20415	3	1	14	Fig.19	Fig.20	Fig.21
5	825.5	20415	3	15	0	Fig.22	Fig.23	Fig.24
5	836.5	20525	3	1	14	Fig.25	Fig.26	Fig.27
5	836.5	20525	3	15	0	Fig.28	Fig.29	Fig.30
5	847.5	20635	3	1	14	Fig.31	Fig.32	Fig.33
5	847.5	20635	3	15	0	Fig.34	Fig.35	Fig.36
5	826.5	20425	5	1	24	Fig.37	Fig.38	Fig.39
5	826.5	20425	5	25	0	Fig.40	Fig.41	Fig.42
5	836.5	20525	5	1	24	Fig.43	Fig.44	Fig.45
5	836.5	20525	5	25	0	Fig.46	Fig.47	Fig.48
5	846.5	20625	5	1	24	Fig.49	Fig.50	Fig.51
5	846.5	20625	5	25	0	Fig.52	Fig.53	Fig.54
5	829	20450	10	1	49	Fig.55	Fig.56	Fig.57
5	829	20450	10	50	0	Fig.58	Fig.59	Fig.60
5	836.5	20525	10	1	49	Fig.61	Fig.62	Fig.63
5	836.5	20525	10	50	0	Fig.64	Fig.65	Fig.66
5	844	20600	10	1	49	Fig.67	Fig.68	Fig.69
5	844	20600	10	50	0	Fig.70	Fig.71	Fig.72

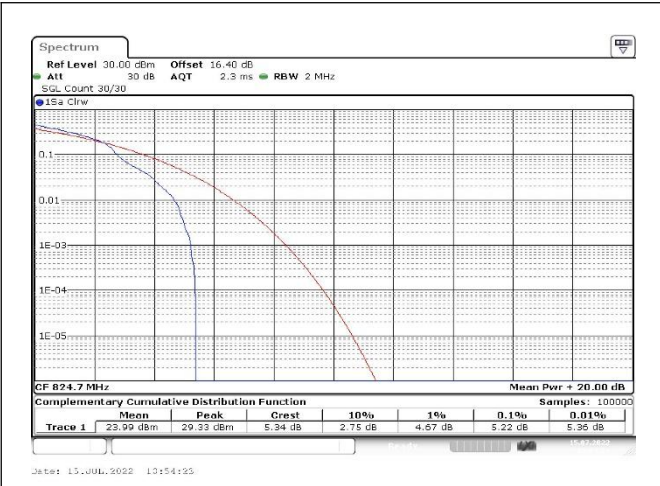


Fig.1

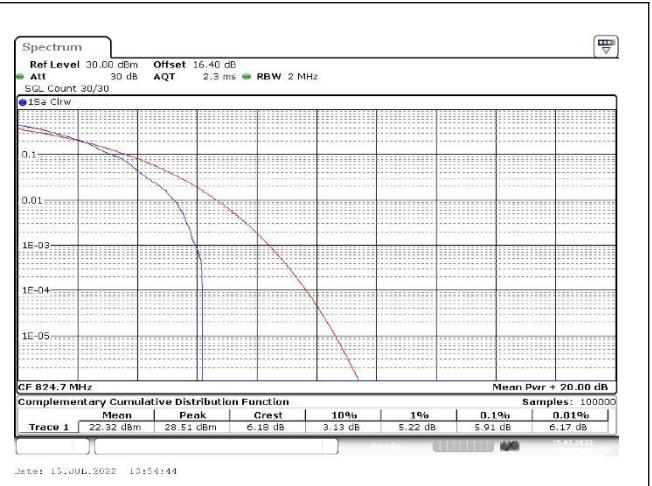


Fig.2

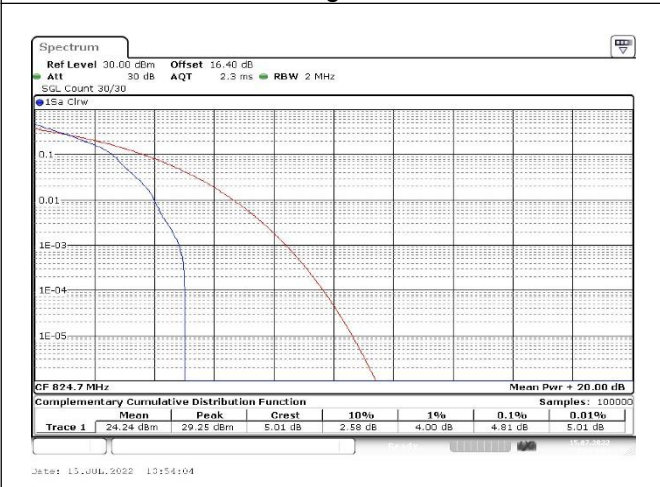


Fig.3

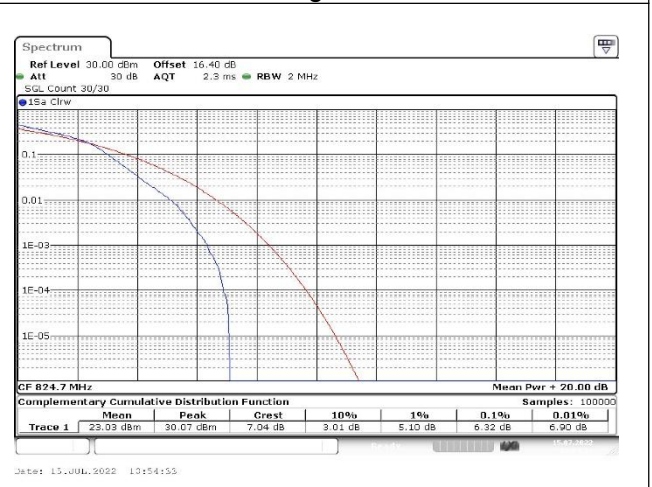


Fig.4



Fig.5

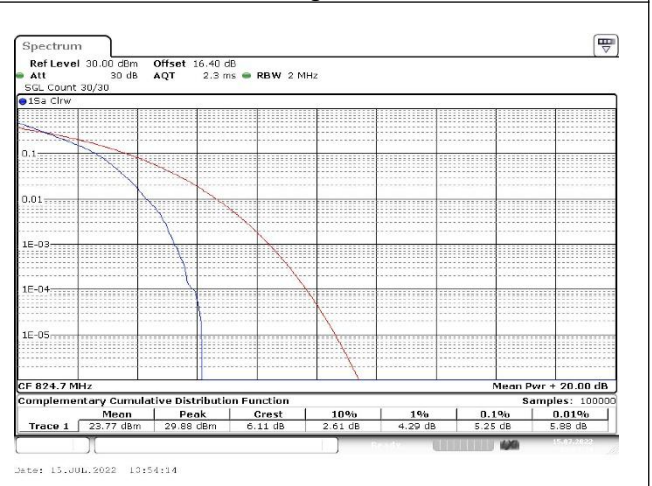


Fig.6



Fig.7



Fig.8

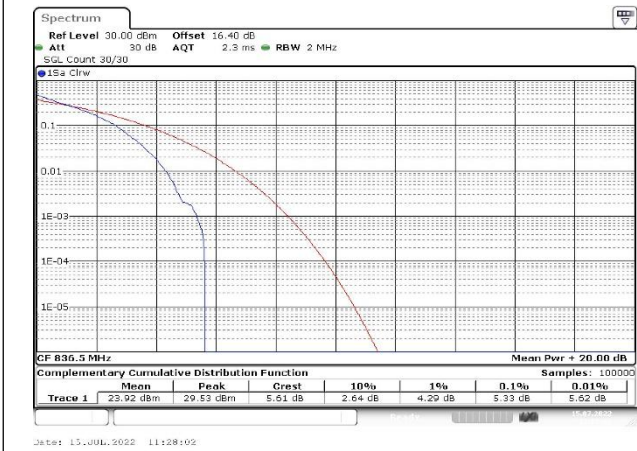


Fig.9

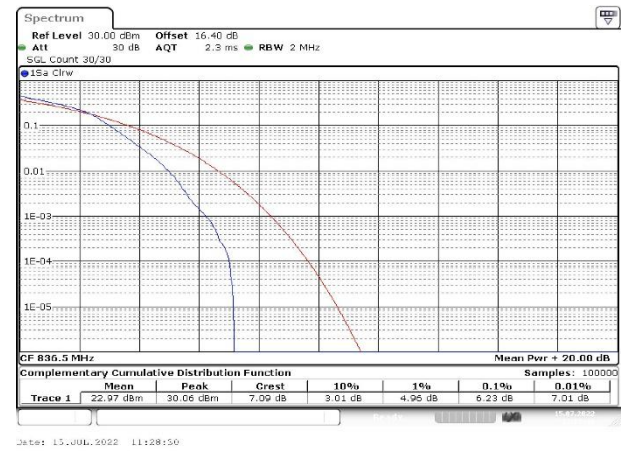


Fig.10

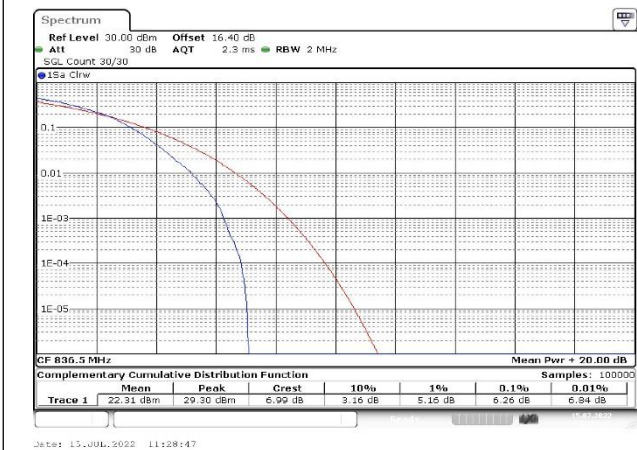


Fig.11

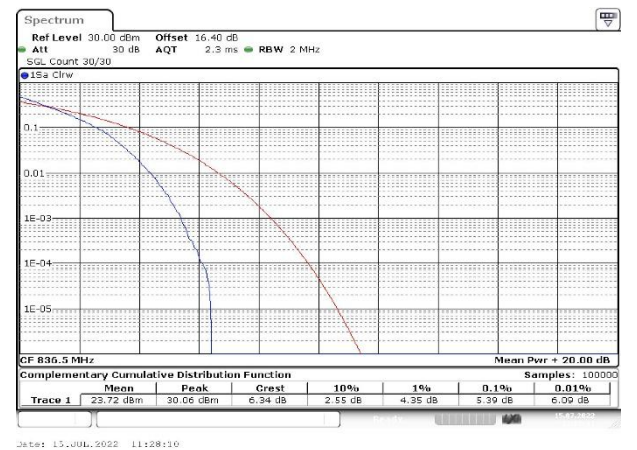


Fig.12