

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	824.7	26797	1.4	1	0	23.96
16QAM	824.7	26797	1.4	1	3	23.54
16QAM	824.7	26797	1.4	1	5	23.54
16QAM	824.7	26797	1.4	3	0	23.71
16QAM	824.7	26797	1.4	3	1	23.61
16QAM	824.7	26797	1.4	3	3	23.69
16QAM	824.7	26797	1.4	6	0	22.52
16QAM	836.5	26915	1.4	1	0	24.04
16QAM	836.5	26915	1.4	1	3	23.62
16QAM	836.5	26915	1.4	1	5	23.94
16QAM	836.5	26915	1.4	3	0	23.11
16QAM	836.5	26915	1.4	3	1	23.13
16QAM	836.5	26915	1.4	3	3	23.03
16QAM	836.5	26915	1.4	6	0	22.02
16QAM	848.3	27033	1.4	1	0	22.70
16QAM	848.3	27033	1.4	1	3	22.85
16QAM	848.3	27033	1.4	1	5	22.85
16QAM	848.3	27033	1.4	3	0	22.83
16QAM	848.3	27033	1.4	3	1	23.14
16QAM	848.3	27033	1.4	3	3	23.06
16QAM	848.3	27033	1.4	6	0	22.58

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	26797	1.4	1	0	24.85
QPSK	824.7	26797	1.4	1	3	24.84
QPSK	824.7	26797	1.4	1	5	24.82
QPSK	824.7	26797	1.4	3	0	24.68
QPSK	824.7	26797	1.4	3	1	24.46
QPSK	824.7	26797	1.4	3	3	24.36
QPSK	824.7	26797	1.4	6	0	23.23
QPSK	836.5	26915	1.4	1	0	24.78
QPSK	836.5	26915	1.4	1	3	24.99
QPSK	836.5	26915	1.4	1	5	24.74
QPSK	836.5	26915	1.4	3	0	24.32
QPSK	836.5	26915	1.4	3	1	24.49
QPSK	836.5	26915	1.4	3	3	24.13
QPSK	836.5	26915	1.4	6	0	22.85
QPSK	848.3	27033	1.4	1	0	24.29
QPSK	848.3	27033	1.4	1	3	24.34
QPSK	848.3	27033	1.4	1	5	24.32
QPSK	848.3	27033	1.4	3	0	24.20
QPSK	848.3	27033	1.4	3	1	24.31
QPSK	848.3	27033	1.4	3	3	24.21
QPSK	848.3	27033	1.4	6	0	22.92

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	825.5	26805	3	1	0	22.82
16QAM	825.5	26805	3	1	8	22.68
16QAM	825.5	26805	3	1	14	22.96
16QAM	825.5	26805	3	8	0	21.66
16QAM	825.5	26805	3	8	4	21.58
16QAM	825.5	26805	3	8	7	21.80
16QAM	825.5	26805	3	15	0	21.51
16QAM	836.5	26915	3	1	0	23.58
16QAM	836.5	26915	3	1	8	23.76
16QAM	836.5	26915	3	1	14	23.54
16QAM	836.5	26915	3	8	0	22.03
16QAM	836.5	26915	3	8	4	21.94
16QAM	836.5	26915	3	8	7	21.78
16QAM	836.5	26915	3	15	0	21.93
16QAM	847.5	27025	3	1	0	22.75
16QAM	847.5	27025	3	1	8	22.69
16QAM	847.5	27025	3	1	14	22.77
16QAM	847.5	27025	3	8	0	21.70
16QAM	847.5	27025	3	8	4	21.75
16QAM	847.5	27025	3	8	7	22.37
16QAM	847.5	27025	3	15	0	21.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	23.90
QPSK	825.5	26805	3	1	8	24.05
QPSK	825.5	26805	3	1	14	24.41
QPSK	825.5	26805	3	8	0	22.84
QPSK	825.5	26805	3	8	4	23.10
QPSK	825.5	26805	3	8	7	22.56
QPSK	825.5	26805	3	15	0	22.81
QPSK	836.5	26915	3	1	0	24.38
QPSK	836.5	26915	3	1	8	24.32
QPSK	836.5	26915	3	1	14	24.73
QPSK	836.5	26915	3	8	0	23.21
QPSK	836.5	26915	3	8	4	23.08
QPSK	836.5	26915	3	8	7	22.98
QPSK	836.5	26915	3	15	0	22.98
QPSK	847.5	27025	3	1	0	24.79
QPSK	847.5	27025	3	1	8	24.79
QPSK	847.5	27025	3	1	14	24.66
QPSK	847.5	27025	3	8	0	23.15
QPSK	847.5	27025	3	8	4	23.33
QPSK	847.5	27025	3	8	7	23.03
QPSK	847.5	27025	3	15	0	23.31

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	826.5	26815	5	1	0	21.94
16QAM	826.5	26815	5	1	12	22.05
16QAM	826.5	26815	5	1	24	22.48
16QAM	826.5	26815	5	12	0	21.21
16QAM	826.5	26815	5	12	7	21.51
16QAM	826.5	26815	5	12	13	21.49
16QAM	826.5	26815	5	25	0	21.65
16QAM	836.5	26915	5	1	0	22.49
16QAM	836.5	26915	5	1	12	22.60
16QAM	836.5	26915	5	1	24	22.64
16QAM	836.5	26915	5	12	0	21.45
16QAM	836.5	26915	5	12	7	21.25
16QAM	836.5	26915	5	12	13	21.31
16QAM	836.5	26915	5	25	0	21.38
16QAM	846.5	27015	5	1	0	23.07
16QAM	846.5	27015	5	1	12	23.14
16QAM	846.5	27015	5	1	24	23.11
16QAM	846.5	27015	5	12	0	21.60
16QAM	846.5	27015	5	12	7	21.43
16QAM	846.5	27015	5	12	13	21.41
16QAM	846.5	27015	5	25	0	21.52

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	26815	5	1	0	23.66
QPSK	826.5	26815	5	1	12	23.80
QPSK	826.5	26815	5	1	24	24.14
QPSK	826.5	26815	5	12	0	22.73
QPSK	826.5	26815	5	12	7	22.66
QPSK	826.5	26815	5	12	13	22.64
QPSK	826.5	26815	5	25	0	22.51
QPSK	836.5	26915	5	1	0	23.69
QPSK	836.5	26915	5	1	12	23.56
QPSK	836.5	26915	5	1	24	23.67
QPSK	836.5	26915	5	12	0	22.57
QPSK	836.5	26915	5	12	7	22.51
QPSK	836.5	26915	5	12	13	22.57
QPSK	836.5	26915	5	25	0	22.50
QPSK	846.5	27015	5	1	0	23.86
QPSK	846.5	27015	5	1	12	23.87
QPSK	846.5	27015	5	1	24	24.01
QPSK	846.5	27015	5	12	0	22.67
QPSK	846.5	27015	5	12	7	22.69
QPSK	846.5	27015	5	12	13	22.73
QPSK	846.5	27015	5	25	0	22.66

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	829	26840	10	1	0	23.53
16QAM	829	26840	10	1	25	23.86
16QAM	829	26840	10	1	49	23.71
16QAM	829	26840	10	25	0	21.48
16QAM	829	26840	10	25	12	21.80
16QAM	829	26840	10	25	25	21.78
16QAM	829	26840	10	50	0	21.82
16QAM	836.5	26915	10	1	0	23.25
16QAM	836.5	26915	10	1	25	23.10
16QAM	836.5	26915	10	1	49	23.29
16QAM	836.5	26915	10	25	0	21.79
16QAM	836.5	26915	10	25	12	21.57
16QAM	836.5	26915	10	25	25	22.19
16QAM	836.5	26915	10	50	0	21.64
16QAM	844	26990	10	1	0	23.23
16QAM	844	26990	10	1	25	23.17
16QAM	844	26990	10	1	49	22.97
16QAM	844	26990	10	25	0	21.85
16QAM	844	26990	10	25	12	21.72
16QAM	844	26990	10	25	25	21.83
16QAM	844	26990	10	50	0	21.55

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	26840	10	1	0	23.60
QPSK	829	26840	10	1	25	23.86
QPSK	829	26840	10	1	49	23.80
QPSK	829	26840	10	25	0	22.54
QPSK	829	26840	10	25	12	22.77
QPSK	829	26840	10	25	25	22.54
QPSK	829	26840	10	50	0	22.87
QPSK	836.5	26915	10	1	0	23.87
QPSK	836.5	26915	10	1	25	24.05
QPSK	836.5	26915	10	1	49	24.23
QPSK	836.5	26915	10	25	0	22.65
QPSK	836.5	26915	10	25	12	22.50
QPSK	836.5	26915	10	25	25	22.70
QPSK	836.5	26915	10	50	0	22.63
QPSK	844	26990	10	1	0	23.84
QPSK	844	26990	10	1	25	23.87
QPSK	844	26990	10	1	49	24.09
QPSK	844	26990	10	25	0	22.60
QPSK	844	26990	10	25	12	22.77
QPSK	844	26990	10	25	25	22.72
QPSK	844	26990	10	50	0	22.80

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	831.5	26865	15	1	0	23.54
16QAM	831.5	26865	15	1	37	23.58
16QAM	831.5	26865	15	1	74	23.56
16QAM	831.5	26865	15	36	0	21.67
16QAM	831.5	26865	15	36	29	21.72
16QAM	831.5	26865	15	36	30	21.65
16QAM	831.5	26865	15	75	0	21.19
16QAM	836.5	26915	15	1	0	23.72
16QAM	836.5	26915	15	1	37	23.33
16QAM	836.5	26915	15	1	74	23.42
16QAM	836.5	26915	15	36	0	22.08
16QAM	836.5	26915	15	36	29	22.05
16QAM	836.5	26915	15	36	30	22.04
16QAM	836.5	26915	15	75	0	21.66
16QAM	841.5	26965	15	1	0	23.92
16QAM	841.5	26965	15	1	37	23.89
16QAM	841.5	26965	15	1	74	23.90
16QAM	841.5	26965	15	36	0	22.17
16QAM	841.5	26965	15	36	29	22.23
16QAM	841.5	26965	15	36	30	22.14
16QAM	841.5	26965	15	75	0	22.19

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	23.46
QPSK	831.5	26865	15	1	37	23.71
QPSK	831.5	26865	15	1	74	23.80
QPSK	831.5	26865	15	36	0	22.74
QPSK	831.5	26865	15	36	29	22.44
QPSK	831.5	26865	15	36	30	22.43
QPSK	831.5	26865	15	75	0	22.33
QPSK	836.5	26915	15	1	0	24.08
QPSK	836.5	26915	15	1	37	24.01
QPSK	836.5	26915	15	1	74	24.35
QPSK	836.5	26915	15	36	0	22.56
QPSK	836.5	26915	15	36	29	22.76
QPSK	836.5	26915	15	36	30	22.74
QPSK	836.5	26915	15	75	0	22.54
QPSK	841.5	26965	15	1	0	24.20
QPSK	841.5	26965	15	1	37	24.33
QPSK	841.5	26965	15	1	74	24.35
QPSK	841.5	26965	15	36	0	23.28
QPSK	841.5	26965	15	36	29	23.52
QPSK	841.5	26965	15	36	30	23.48
QPSK	841.5	26965	15	75	0	23.23

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 26	QPSK	824.7	26797	1.4	6	0	1.088	Fig.1
Band 26	QPSK	836.5	26915	1.4	6	0	1.088	Fig.2
Band 26	QPSK	848.3	27033	1.4	6	0	1.088	Fig.3
Band 26	QPSK	825.5	26805	3	15	0	2.683	Fig.4
Band 26	QPSK	836.5	26915	3	15	0	2.683	Fig.5
Band 26	QPSK	847.5	27025	3	15	0	2.696	Fig.6
Band 26	QPSK	826.5	26815	5	25	0	4.472	Fig.7
Band 26	QPSK	836.5	26915	5	25	0	4.472	Fig.8
Band 26	QPSK	846.5	27015	5	25	0	4.472	Fig.9
Band 26	QPSK	829	26840	10	50	0	8.944	Fig.10
Band 26	QPSK	836.5	26915	10	50	0	8.944	Fig.11
Band 26	QPSK	844	26990	10	50	0	8.944	Fig.12
Band 26	QPSK	831.5	26865	15	75	0	13.480	Fig.13
Band 26	QPSK	836.5	26915	15	75	0	13.480	Fig.14
Band 26	QPSK	841.5	26965	15	75	0	13.480	Fig.15

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 26	16QAM	824.7	26797	1.4	6	0	1.094	Fig.16
Band 26	16QAM	836.5	26915	1.4	6	0	1.094	Fig.17
Band 26	16QAM	848.3	27033	1.4	6	0	1.088	Fig.18
Band 26	16QAM	825.5	26805	3	15	0	2.696	Fig.19
Band 26	16QAM	836.5	26915	3	15	0	2.709	Fig.20
Band 26	16QAM	847.5	27025	3	15	0	2.696	Fig.21
Band 26	16QAM	826.5	26815	5	25	0	4.472	Fig.22
Band 26	16QAM	836.5	26915	5	25	0	4.472	Fig.23
Band 26	16QAM	846.5	27015	5	25	0	4.472	Fig.24
Band 26	16QAM	829	26840	10	50	0	8.944	Fig.25
Band 26	16QAM	836.5	26915	10	50	0	8.944	Fig.26
Band 26	16QAM	844	26990	10	50	0	8.987	Fig.27
Band 26	16QAM	831.5	26865	15	75	0	13.415	Fig.28
Band 26	16QAM	836.5	26915	15	75	0	13.415	Fig.29
Band 26	16QAM	841.5	26965	15	75	0	13.480	Fig.30

Test Mode: QPSK

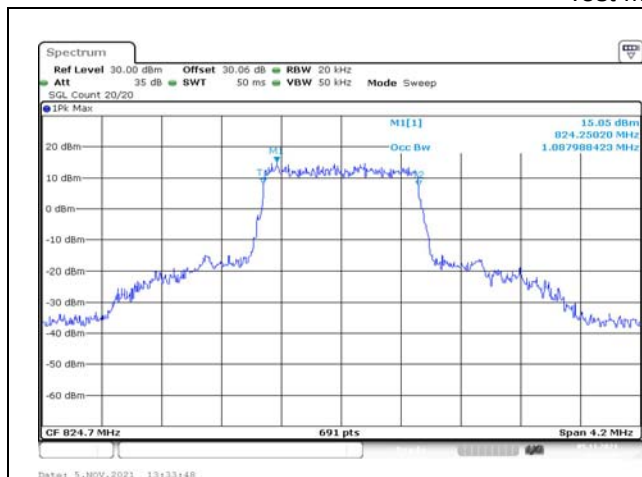


Fig.1

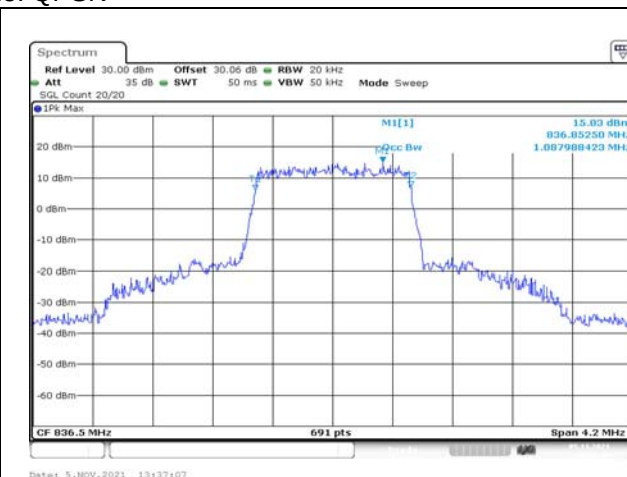


Fig.2

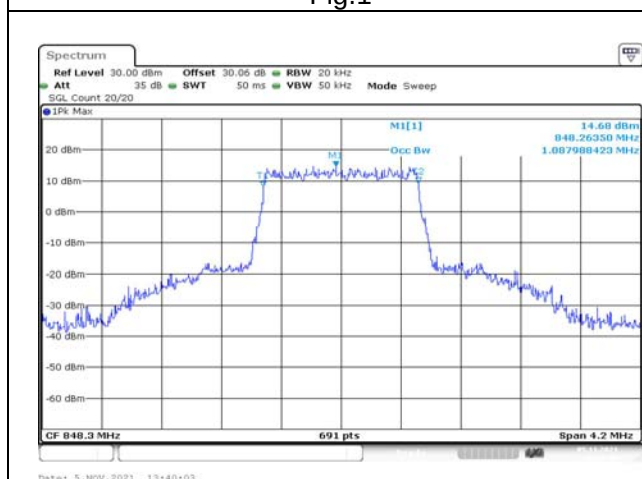


Fig.3

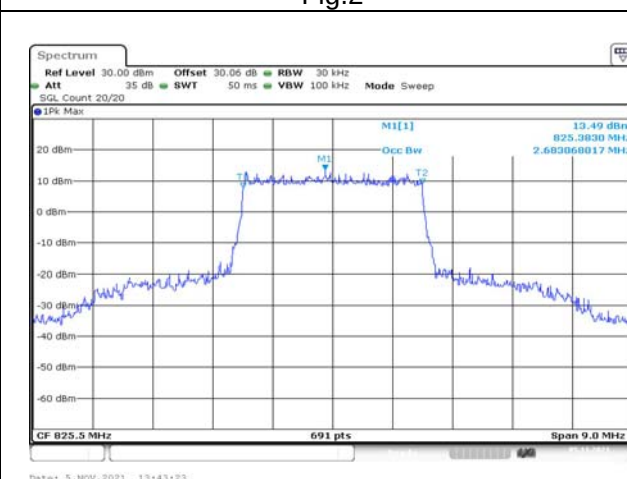


Fig.4

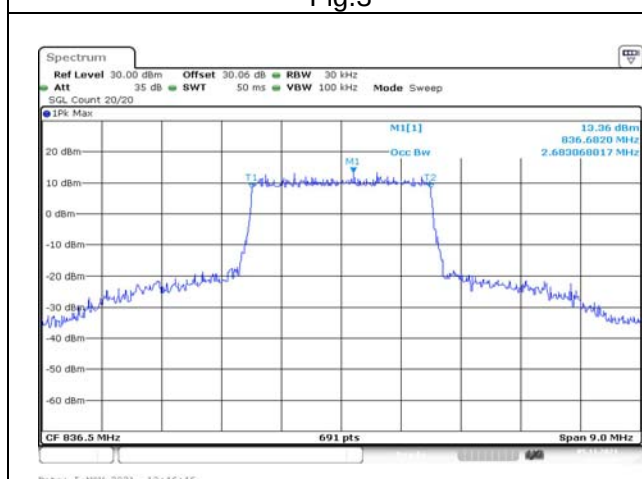


Fig.5

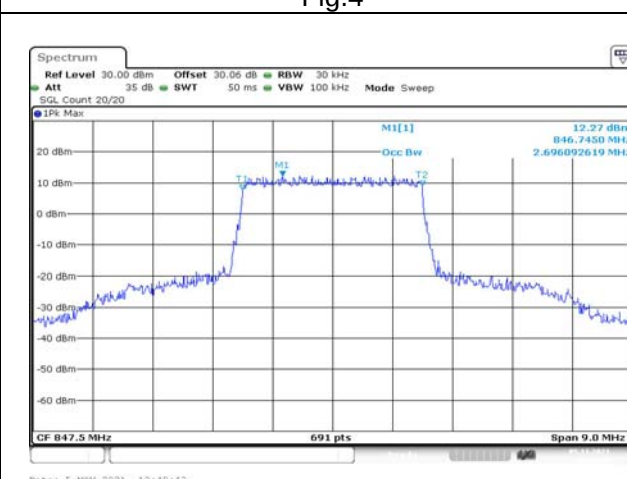
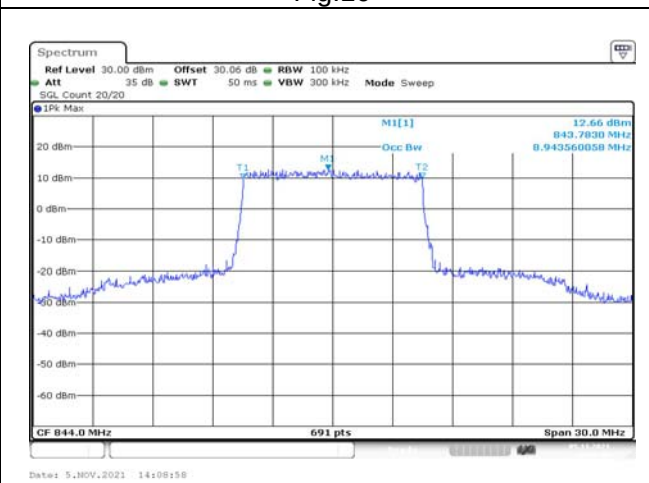
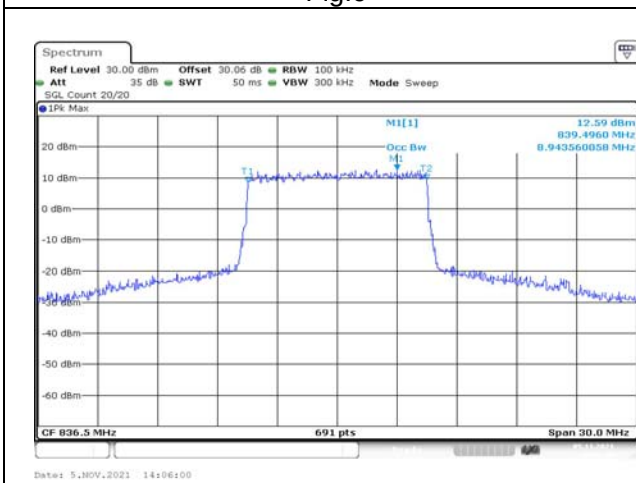
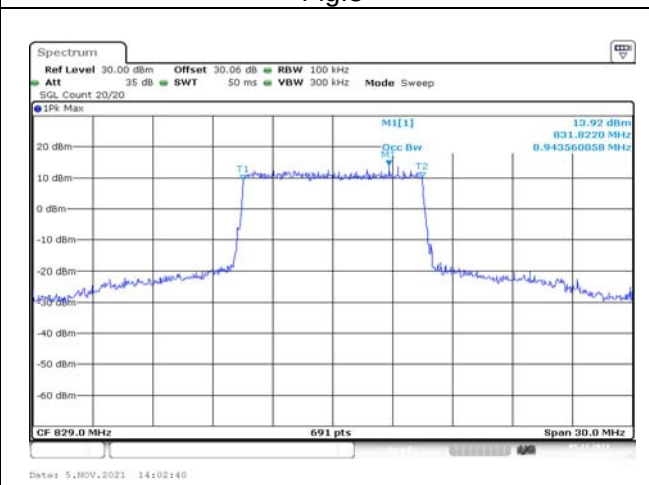
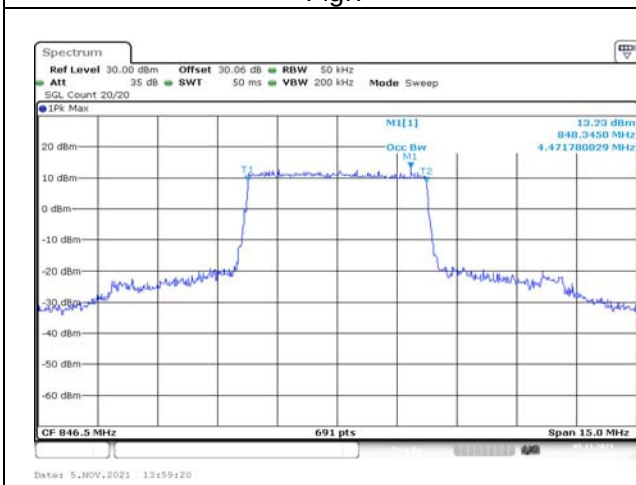
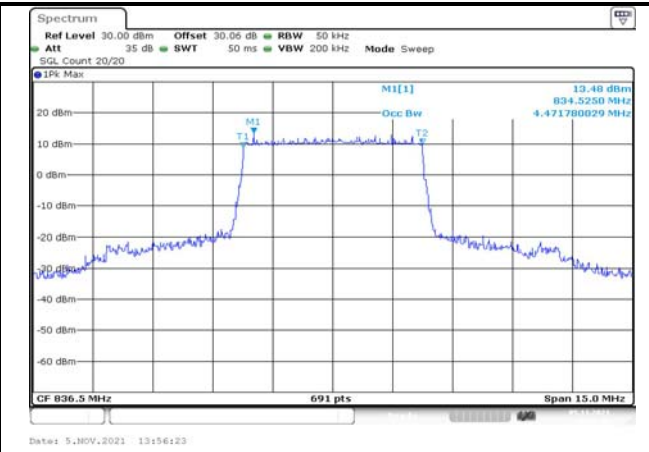
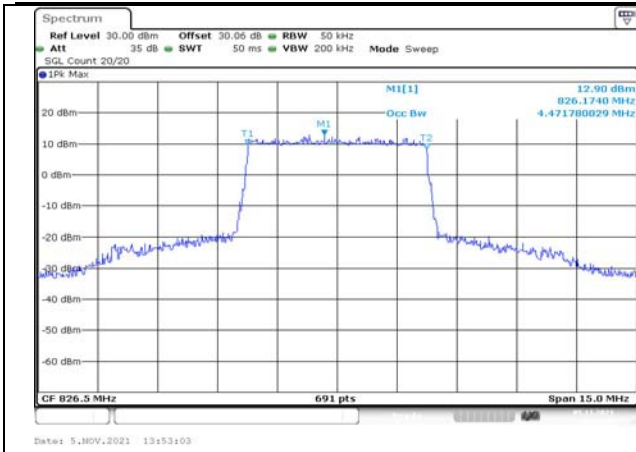


Fig.6



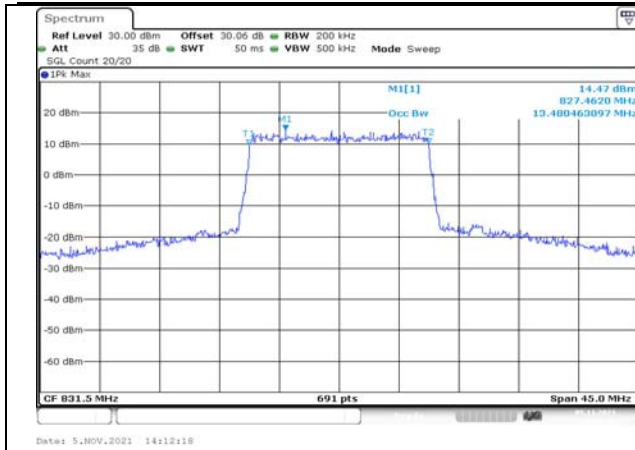


Fig.13



Fig.14

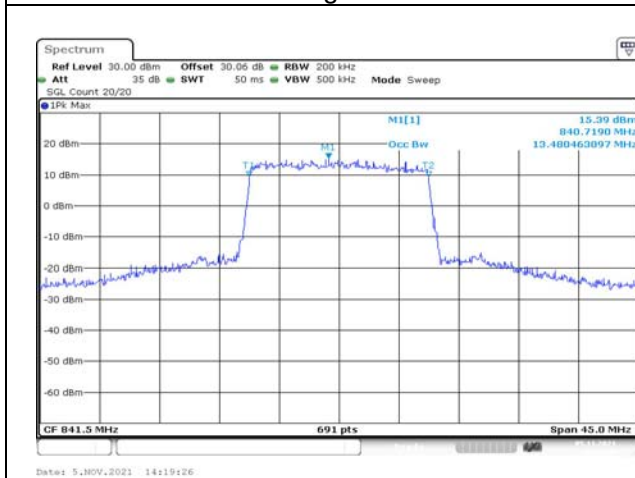


Fig.15

Test Mode: 16QAM

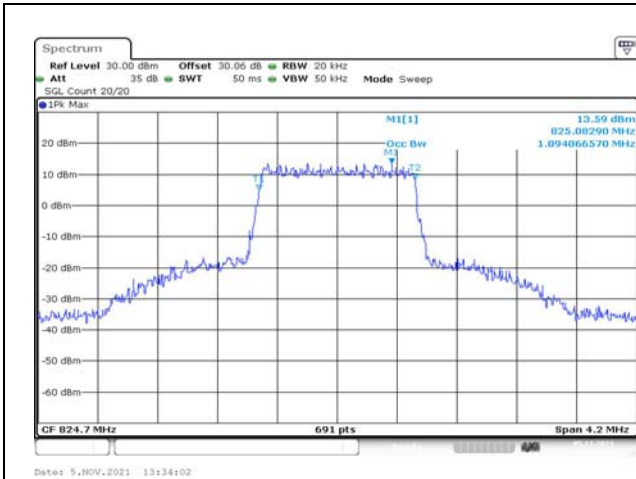


Fig.16

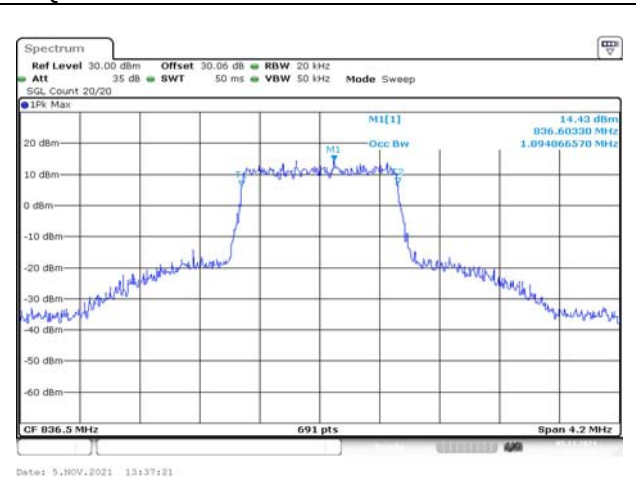


Fig.17

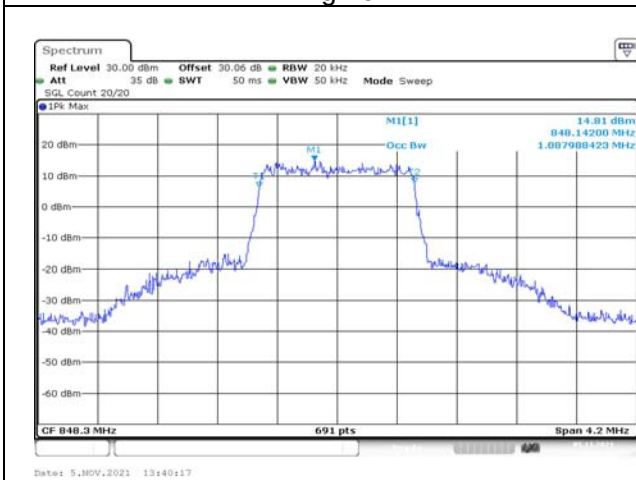


Fig.18

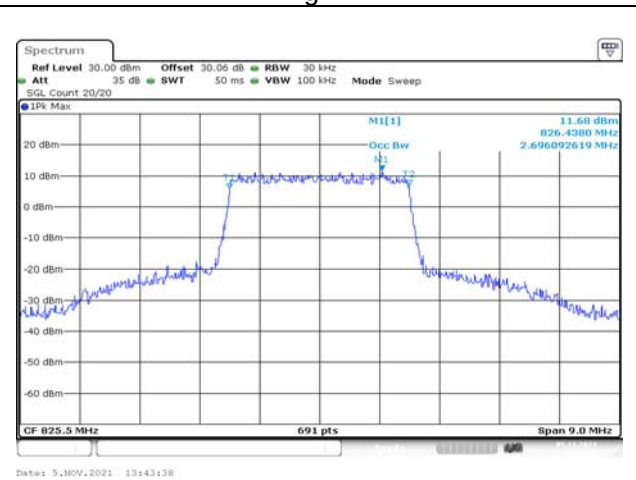


Fig.19

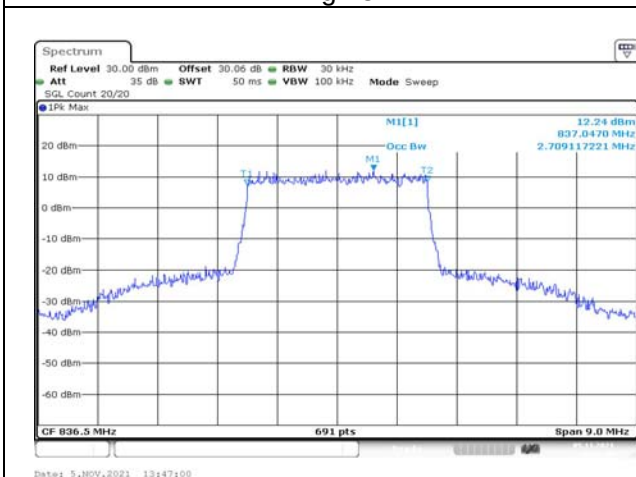


Fig.20

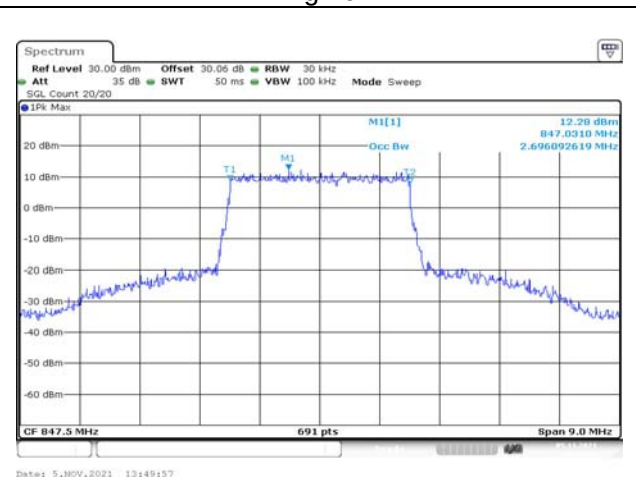
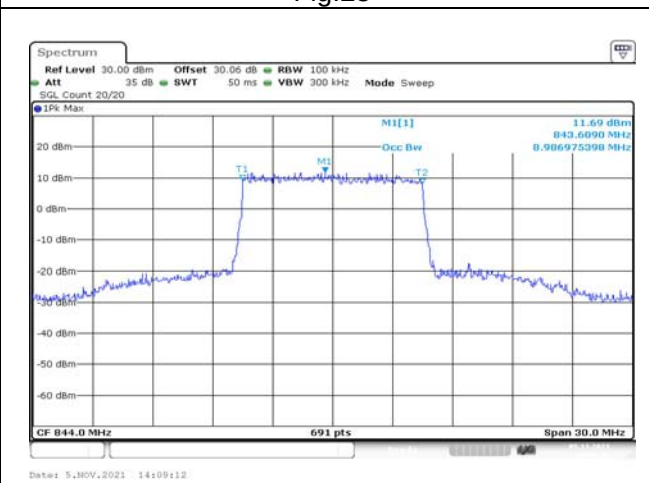
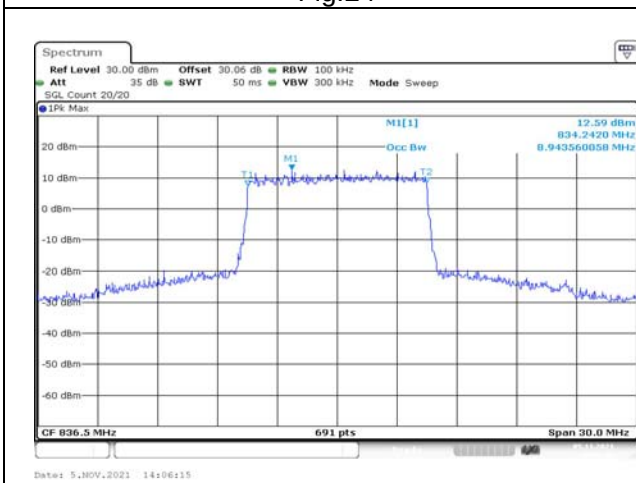
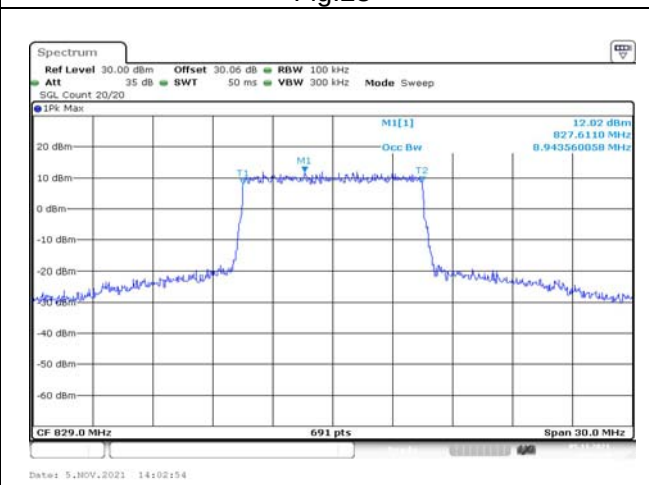
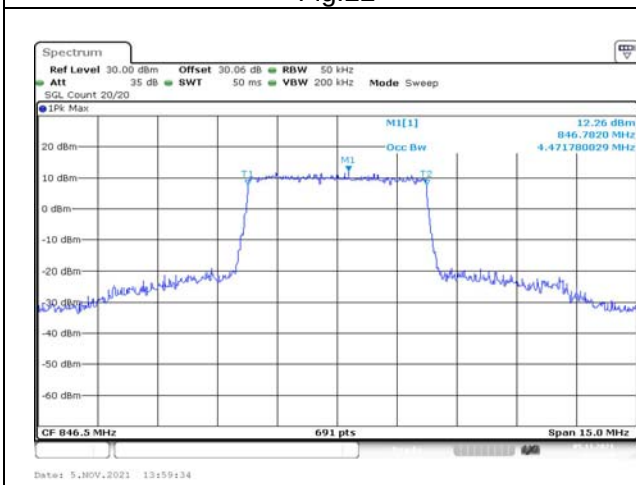
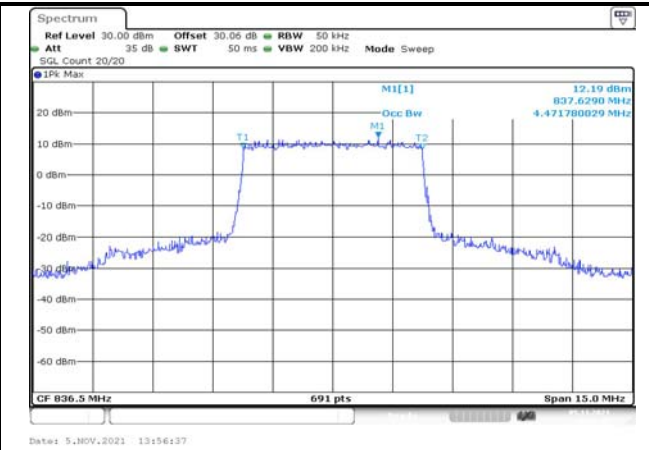
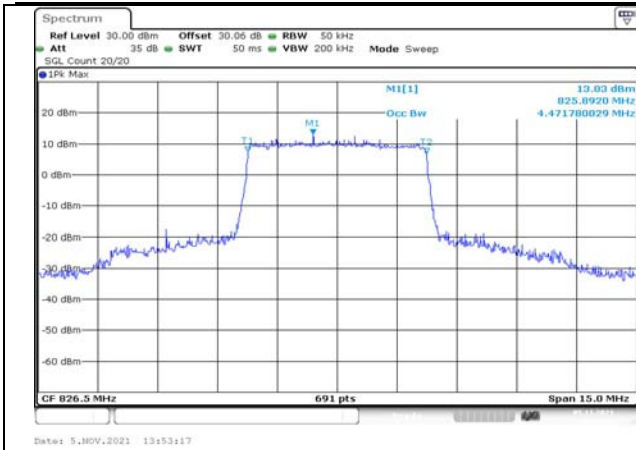


Fig.21



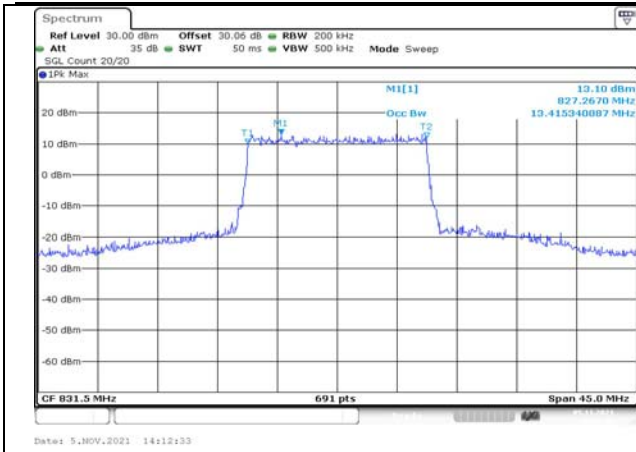


Fig.28

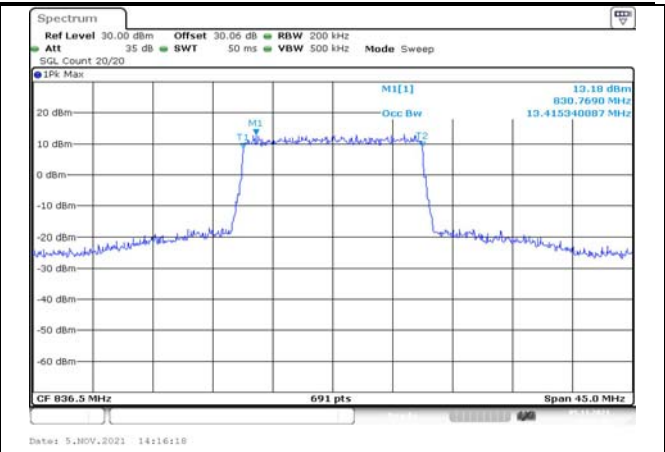


Fig.29

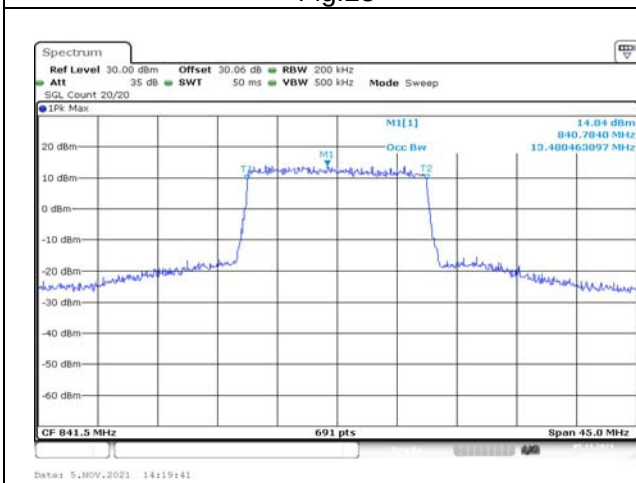


Fig.30

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 26	QPSK	824.7	26797	1.4	6	0	1.234	Fig.1
Band 26	QPSK	836.5	26915	1.4	6	0	1.240	Fig.2
Band 26	QPSK	848.3	27033	1.4	6	0	1.210	Fig.3
Band 26	QPSK	825.5	26805	3	15	0	2.983	Fig.4
Band 26	QPSK	836.5	26915	3	15	0	2.970	Fig.5
Band 26	QPSK	847.5	27025	3	15	0	2.996	Fig.6
Band 26	QPSK	826.5	26815	5	25	0	4.906	Fig.7
Band 26	QPSK	836.5	26915	5	25	0	4.928	Fig.8
Band 26	QPSK	846.5	27015	5	25	0	4.906	Fig.9
Band 26	QPSK	829	26840	10	50	0	9.768	Fig.10
Band 26	QPSK	836.5	26915	10	50	0	9.768	Fig.11
Band 26	QPSK	844	26990	10	50	0	9.725	Fig.12
Band 26	QPSK	831.5	26865	15	75	0	14.783	Fig.13
Band 26	QPSK	836.5	26915	15	75	0	14.718	Fig.14
Band 26	QPSK	841.5	26965	15	75	0	14.653	Fig.15

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 26	16QAM	824.7	26797	1.4	6	0	1.240	Fig.16
Band 26	16QAM	836.5	26915	1.4	6	0	1.240	Fig.17
Band 26	16QAM	848.3	27033	1.4	6	0	1.234	Fig.18
Band 26	16QAM	825.5	26805	3	15	0	2.970	Fig.19
Band 26	16QAM	836.5	26915	3	15	0	3.009	Fig.20
Band 26	16QAM	847.5	27025	3	15	0	2.983	Fig.21
Band 26	16QAM	826.5	26815	5	25	0	4.884	Fig.22
Band 26	16QAM	836.5	26915	5	25	0	4.863	Fig.23
Band 26	16QAM	846.5	27015	5	25	0	4.906	Fig.24
Band 26	16QAM	829	26840	10	50	0	9.595	Fig.25
Band 26	16QAM	836.5	26915	10	50	0	9.725	Fig.26
Band 26	16QAM	844	26990	10	50	0	9.725	Fig.27
Band 26	16QAM	831.5	26865	15	75	0	14.848	Fig.28
Band 26	16QAM	836.5	26915	15	75	0	14.848	Fig.29
Band 26	16QAM	841.5	26965	15	75	0	14.522	Fig.30

Test Mode: QPSK

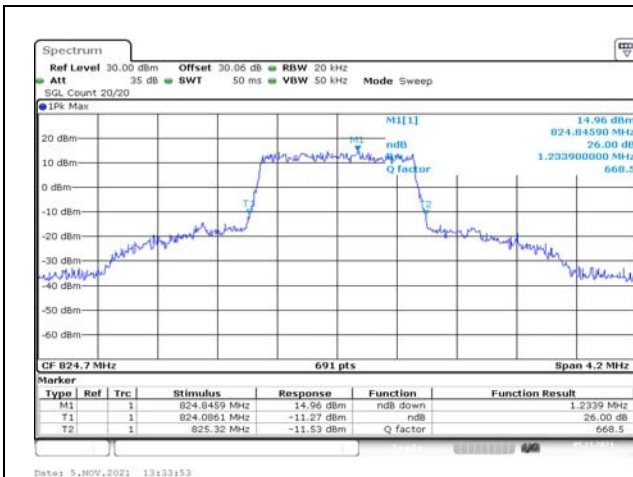


Fig.1

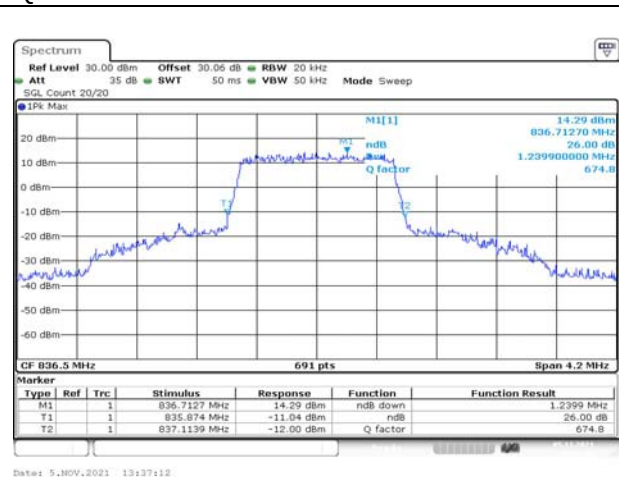


Fig.2

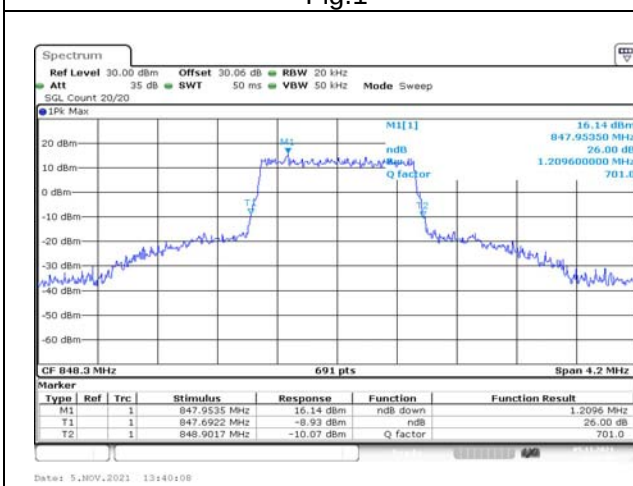


Fig.3

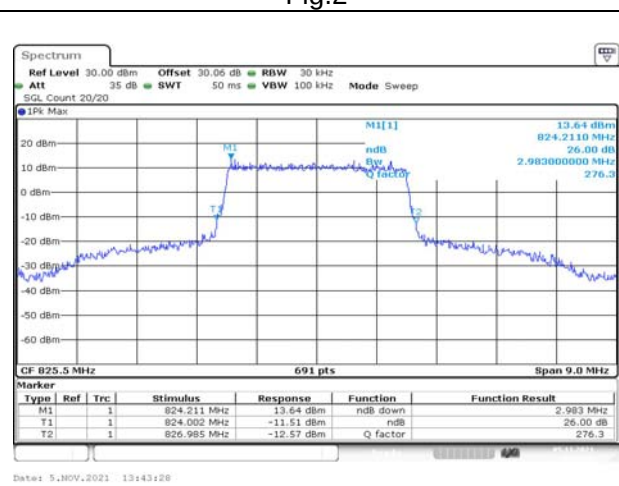


Fig.4

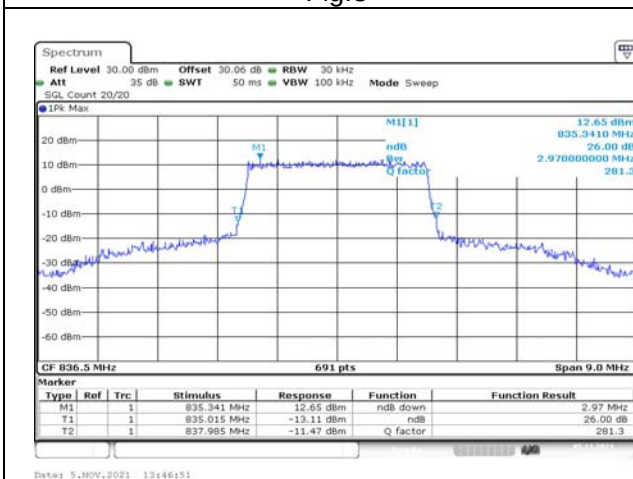


Fig.5

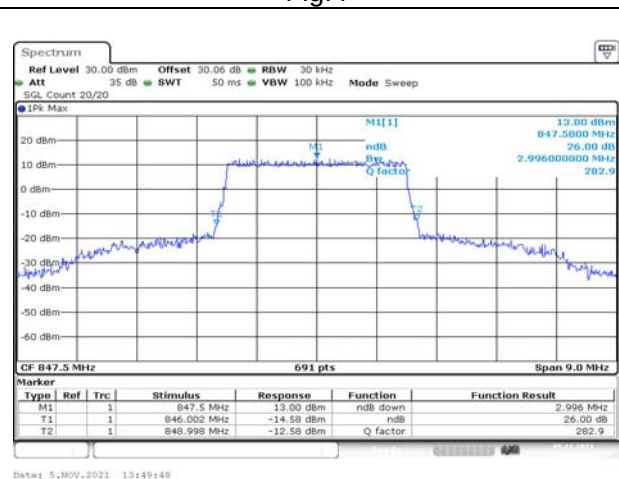


Fig.6

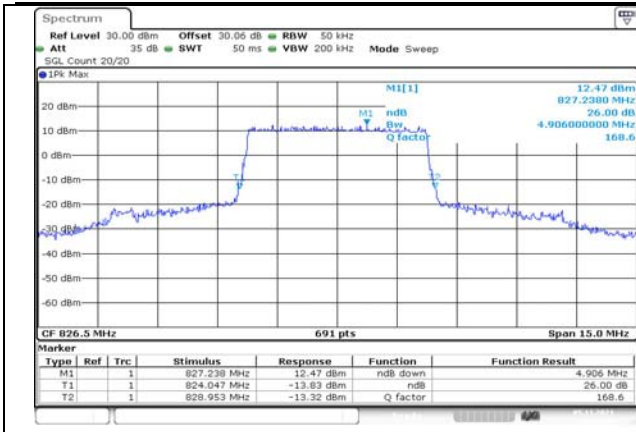


Fig.7

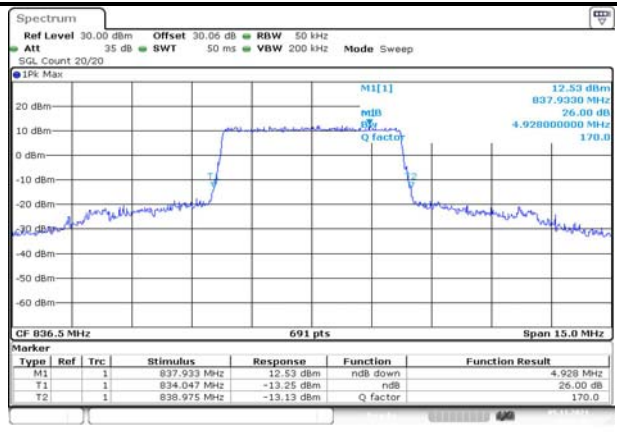


Fig.8

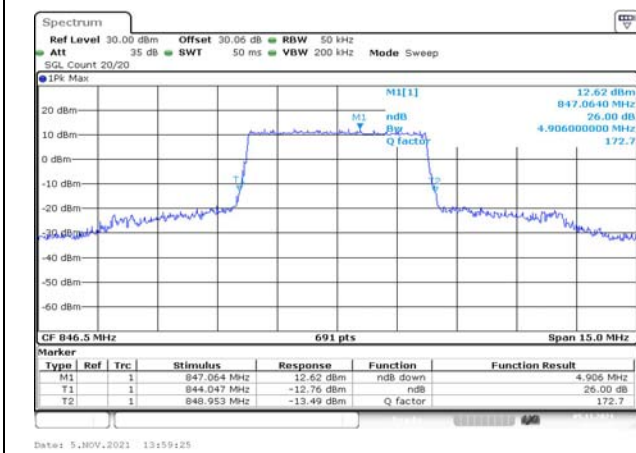


Fig.9

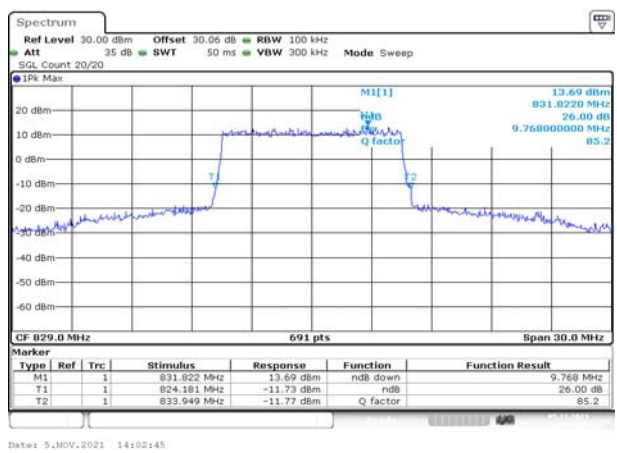


Fig.10

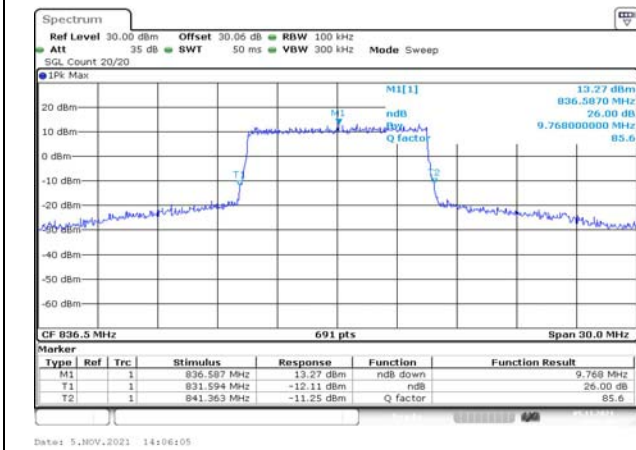


Fig.11

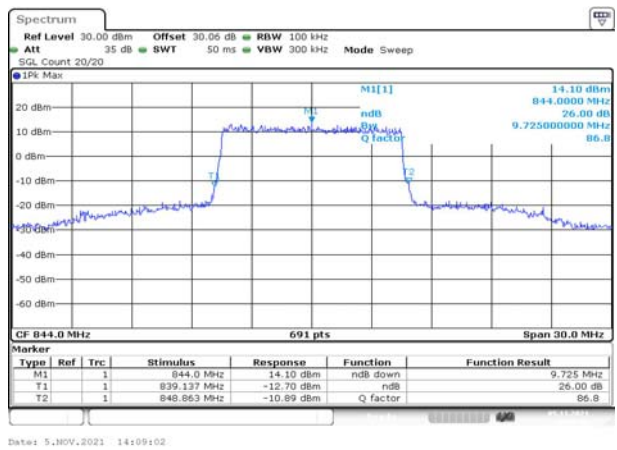


Fig.12

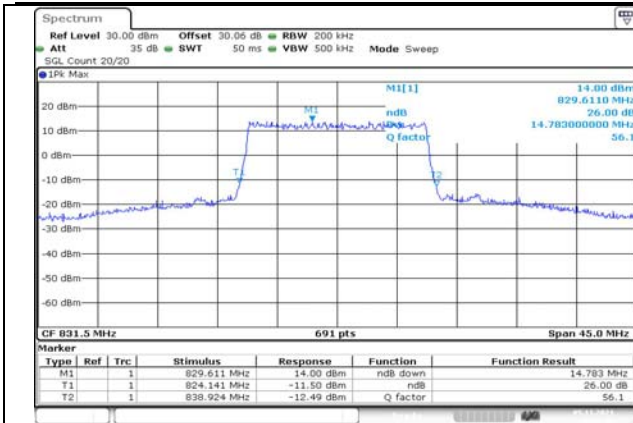


Fig.13

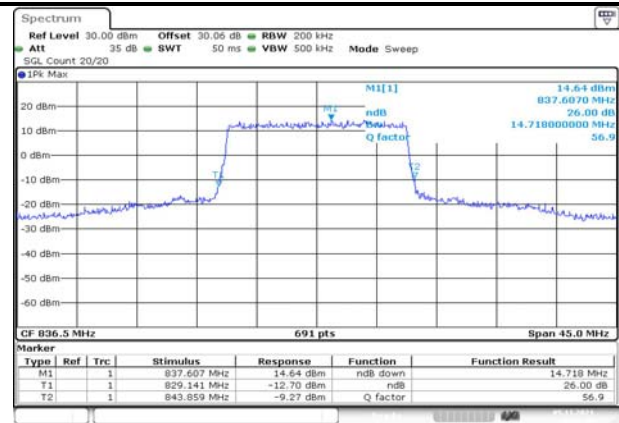


Fig.14

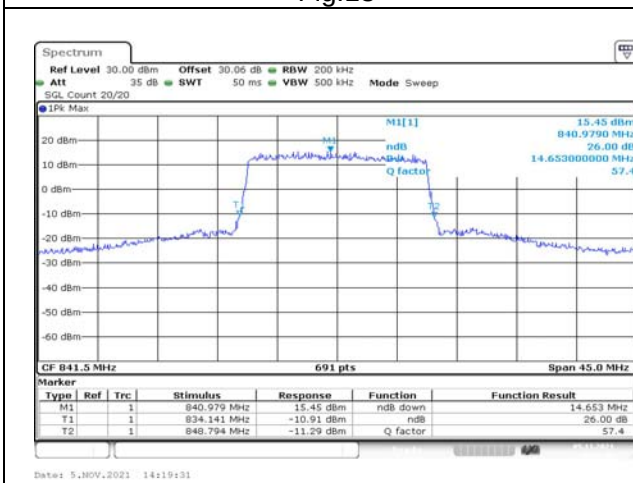


Fig.15

Test Mode: 16QAM

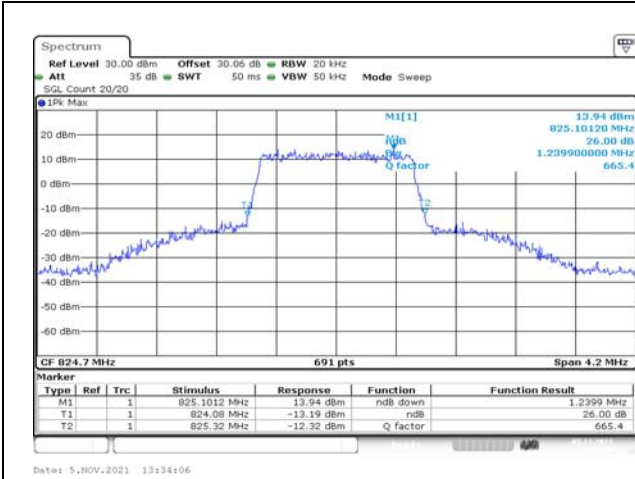


Fig.16

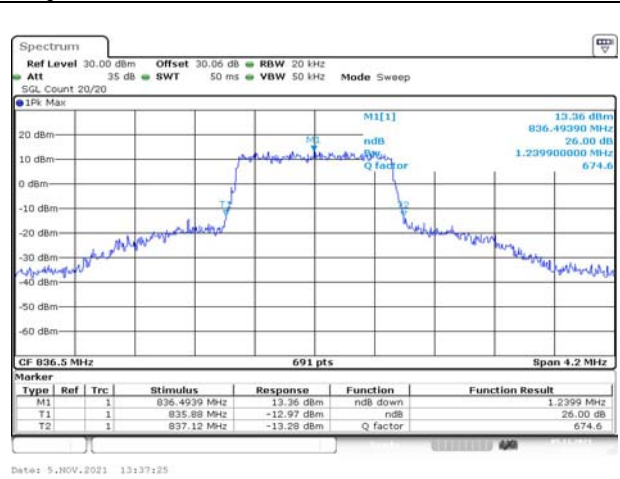


Fig.17

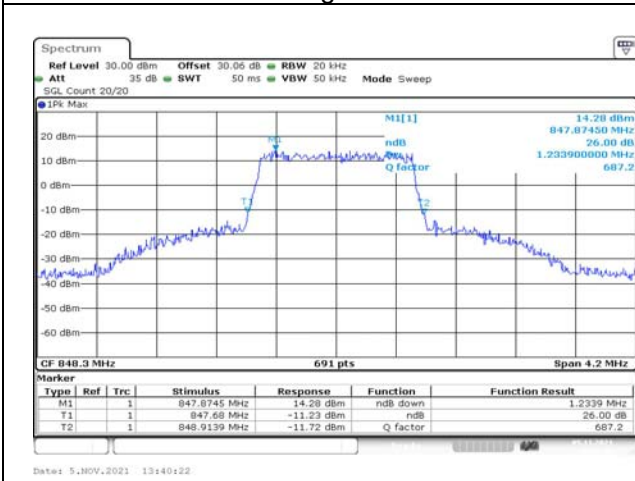


Fig.18

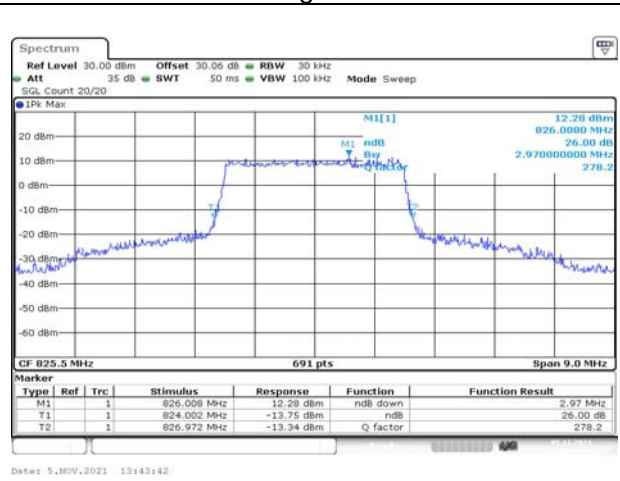


Fig.19

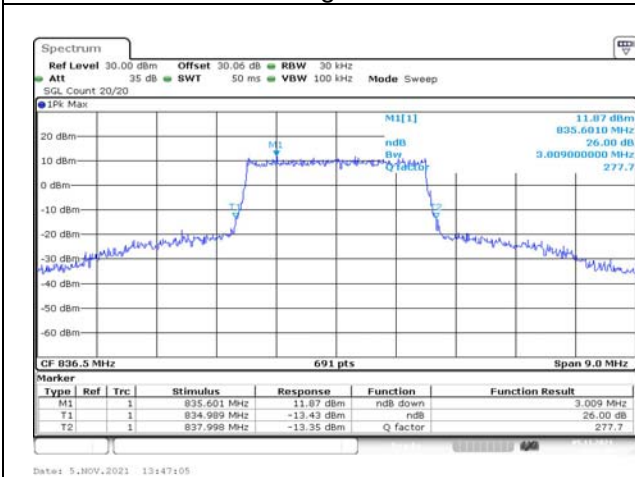


Fig.20

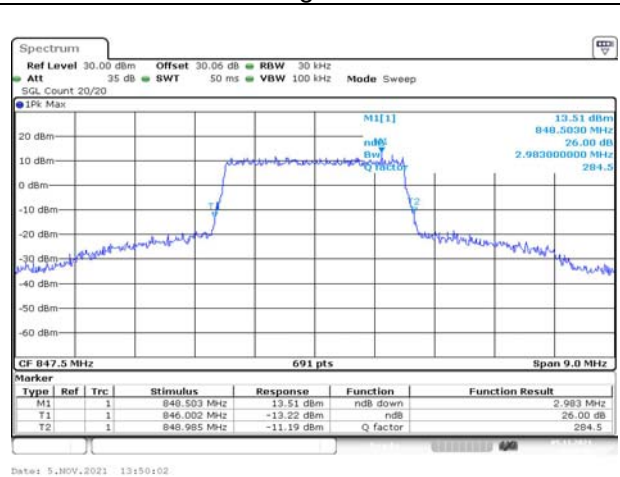


Fig.21

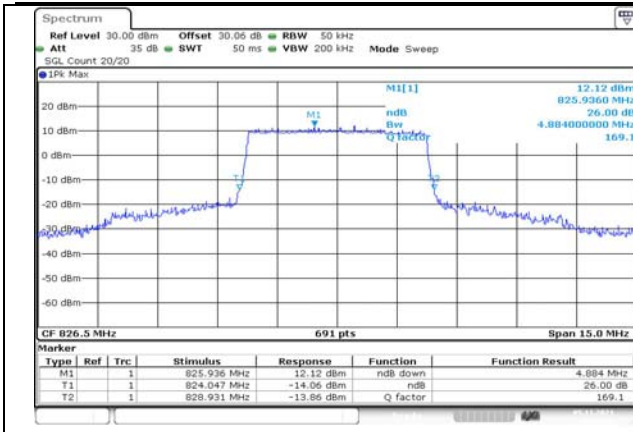


Fig.22

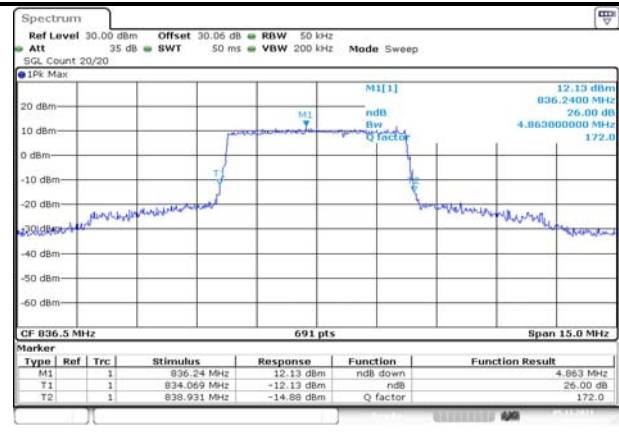


Fig.23

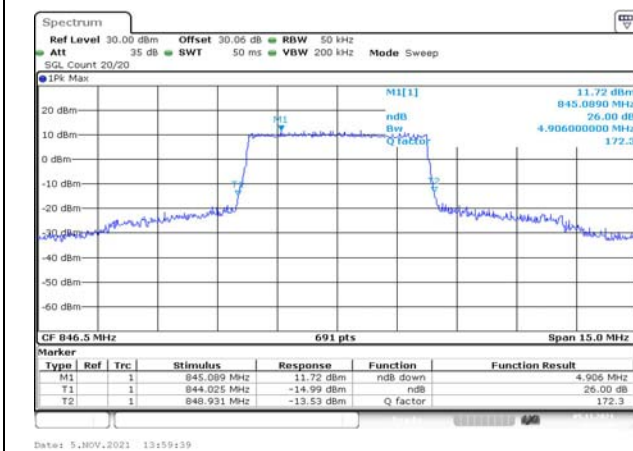


Fig.24

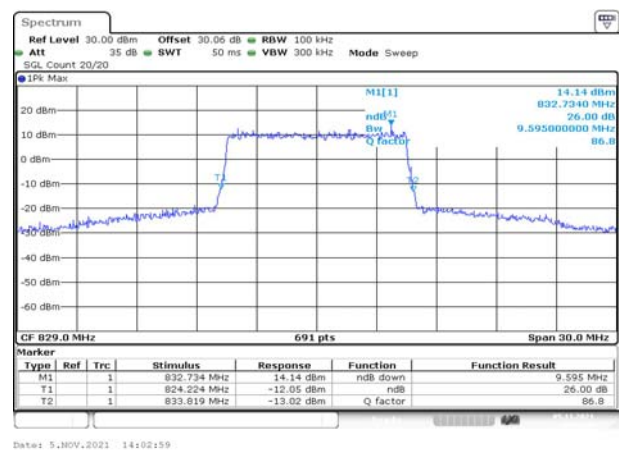


Fig.25

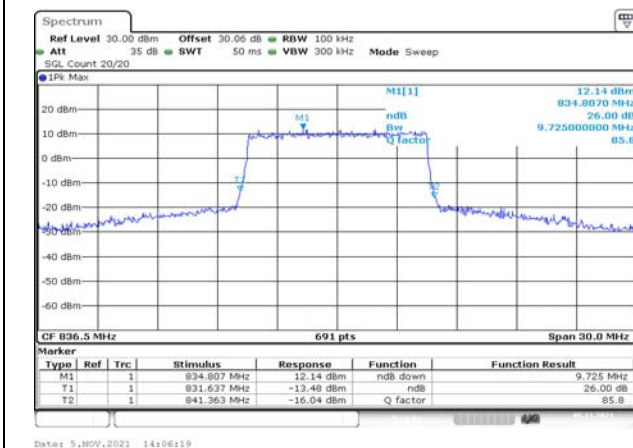


Fig.26

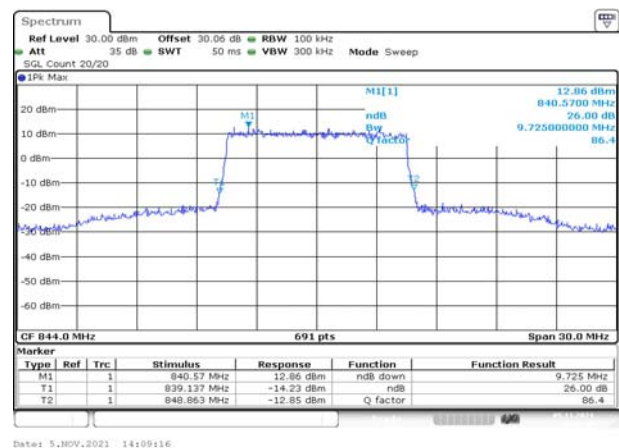


Fig.27

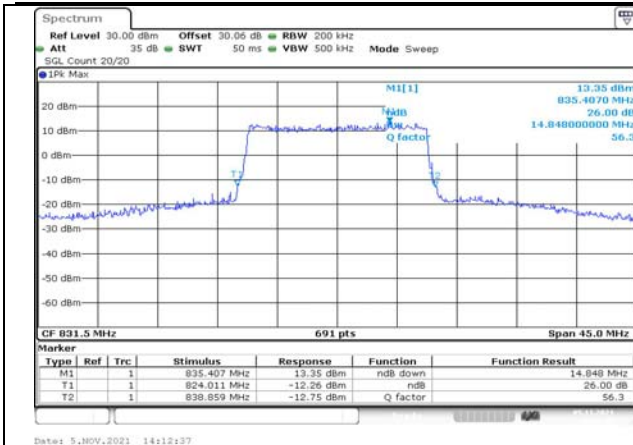


Fig.28

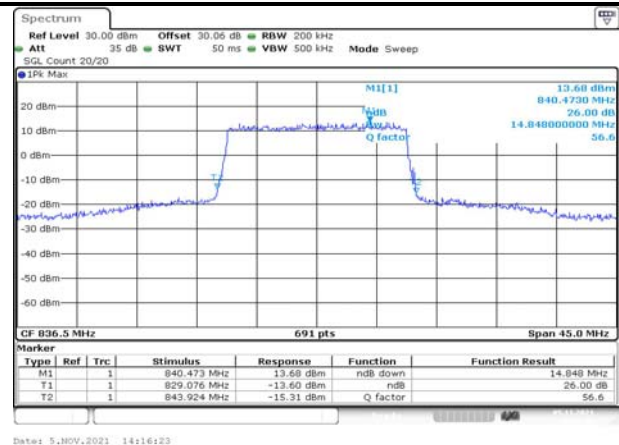


Fig.29

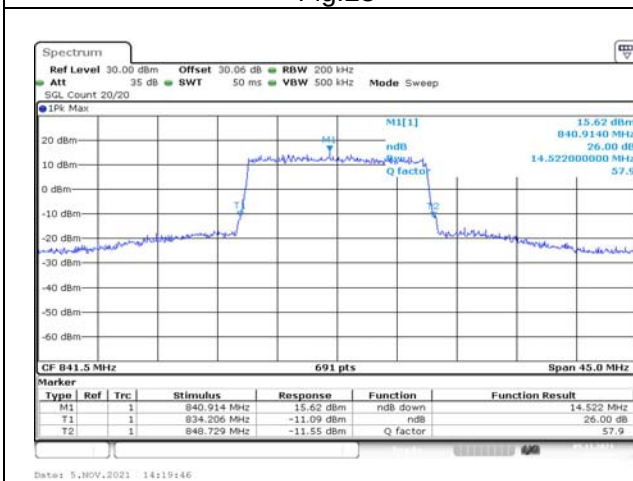


Fig.30

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
26	824.7	26797	1.4	1	5	Fig.1	Fig.2	---
26	824.7	26797	1.4	6	0	Fig.3	Fig.4	---
26	836.5	26915	1.4	1	5	Fig.5	Fig.6	---
26	836.5	26915	1.4	6	0	Fig.7	Fig.8	---
26	848.3	27033	1.4	1	5	Fig.9	Fig.10	---
26	848.3	27033	1.4	6	0	Fig.11	Fig.12	---
26	825.5	26805	3	1	14	Fig.13	Fig.14	---
26	825.5	26805	3	15	0	Fig.15	Fig.16	---
26	836.5	26915	3	1	14	Fig.17	Fig.18	---
26	836.5	26915	3	15	0	Fig.19	Fig.20	---
26	847.5	27025	3	1	14	Fig.21	Fig.22	---
26	847.5	27025	3	15	0	Fig.23	Fig.24	---
26	826.5	26815	5	1	24	Fig.25	Fig.26	---
26	826.5	26815	5	25	0	Fig.27	Fig.28	---
26	836.5	26915	5	1	24	Fig.29	Fig.30	---
26	836.5	26915	5	25	0	Fig.31	Fig.32	---
26	846.5	27015	5	1	24	Fig.33	Fig.34	---
26	846.5	27015	5	25	0	Fig.35	Fig.36	---
26	829	26840	10	1	49	Fig.37	Fig.38	---
26	829	26840	10	50	0	Fig.39	Fig.40	---
26	836.5	26915	10	1	49	Fig.41	Fig.42	---
26	836.5	26915	10	50	0	Fig.43	Fig.44	---
26	844	26990	10	1	49	Fig.45	Fig.46	---
26	844	26990	10	50	0	Fig.47	Fig.48	---
26	831.5	26865	15	1	74	Fig.49	Fig.50	---
26	831.5	26865	15	75	0	Fig.51	Fig.52	---
26	836.5	26915	15	1	74	Fig.53	Fig.54	---
26	836.5	26915	15	75	0	Fig.55	Fig.56	---
26	841.5	26965	15	1	74	Fig.57	Fig.58	---
26	841.5	26965	15	75	0	Fig.59	Fig.60	---

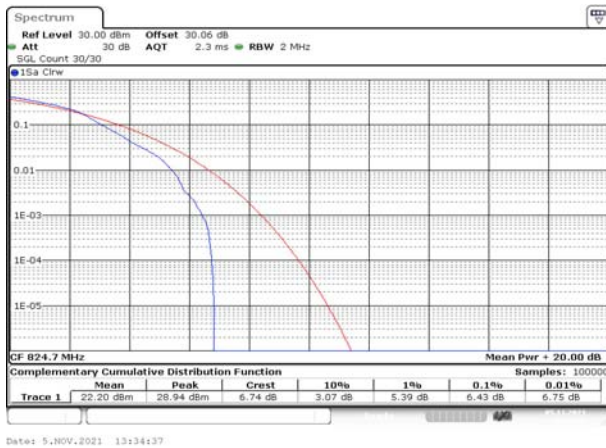


Fig.1

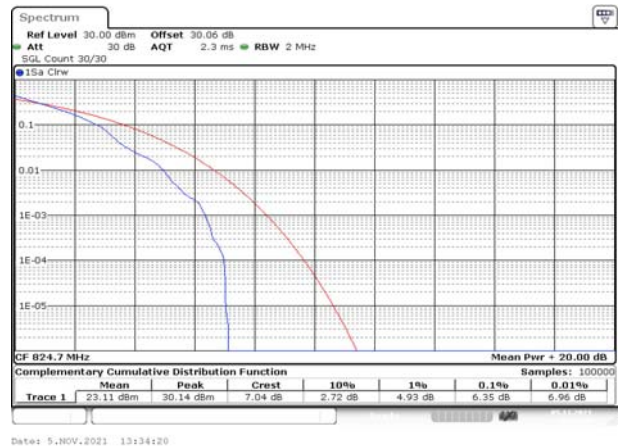


Fig.2

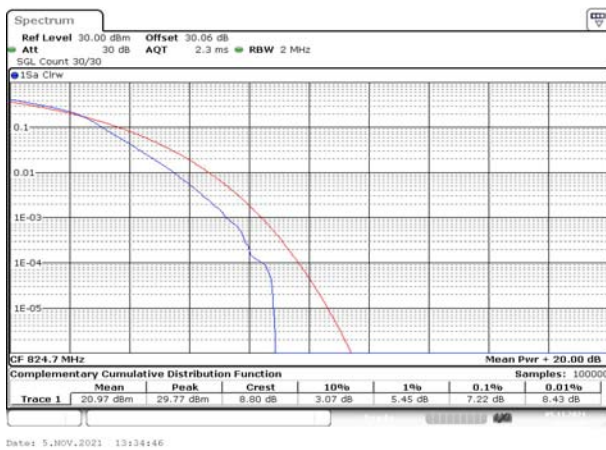


Fig.3

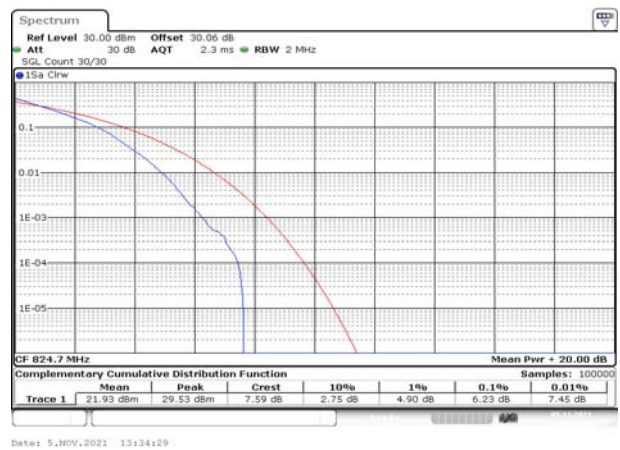


Fig.4

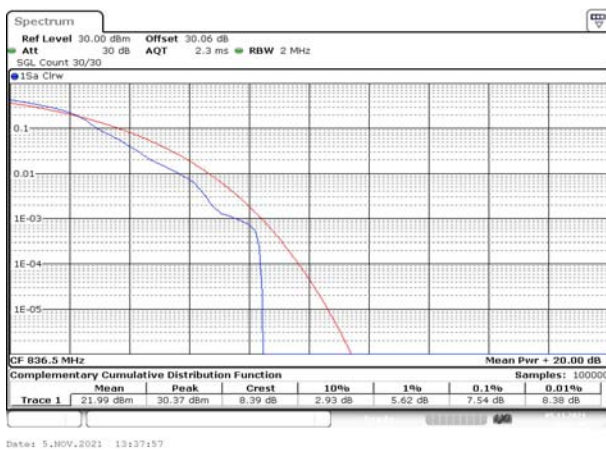


Fig.5

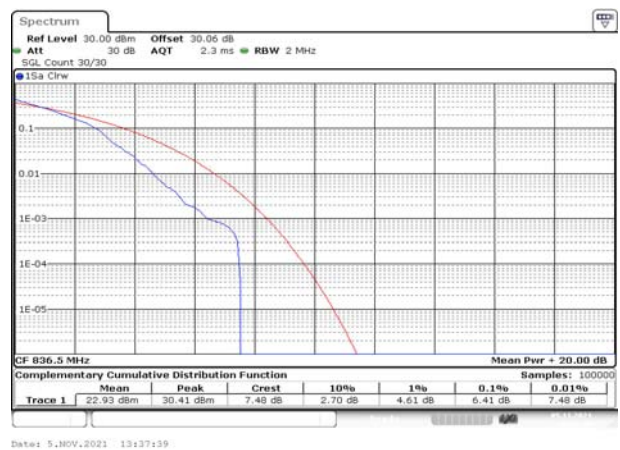


Fig.6



Fig.7

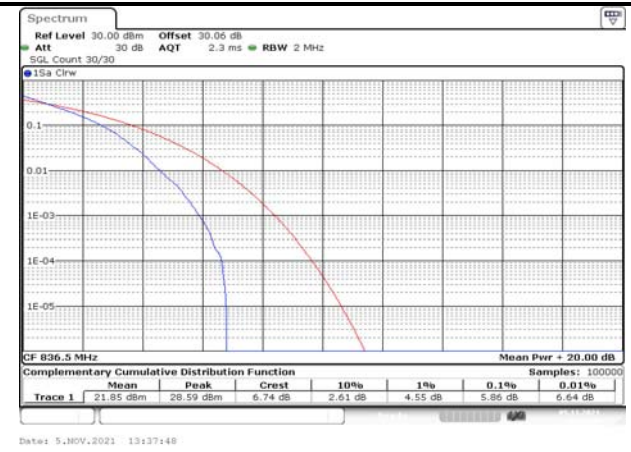


Fig.8

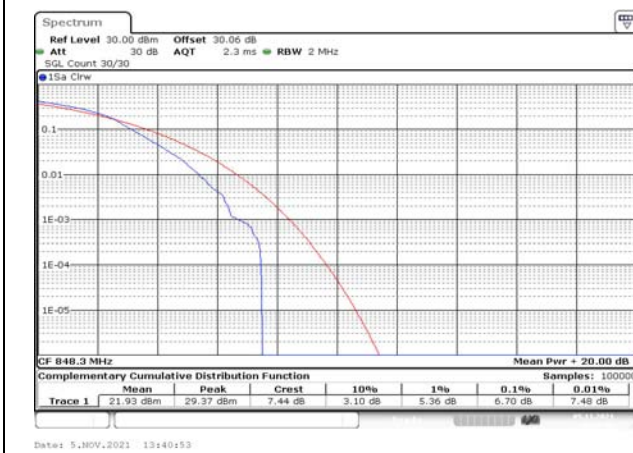


Fig.9

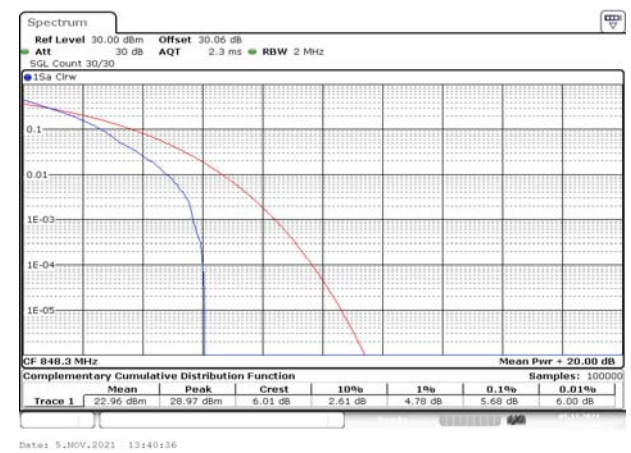


Fig.10

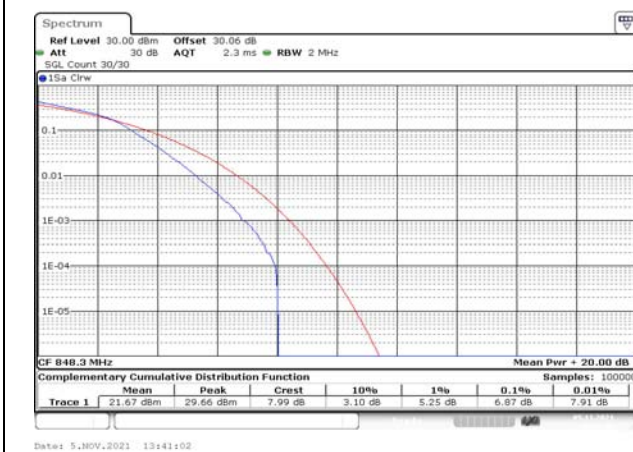


Fig.11

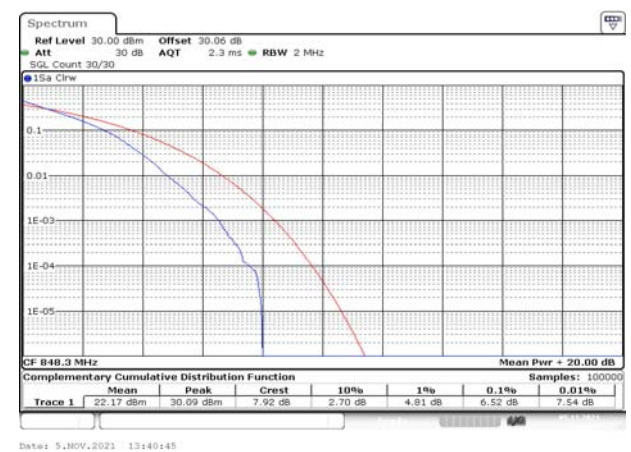


Fig.12

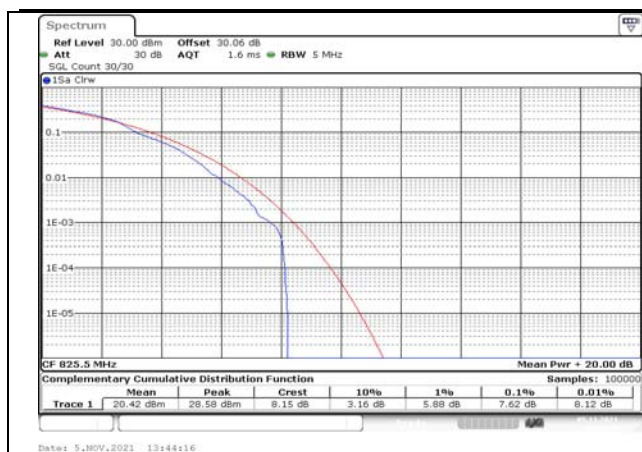


Fig.13

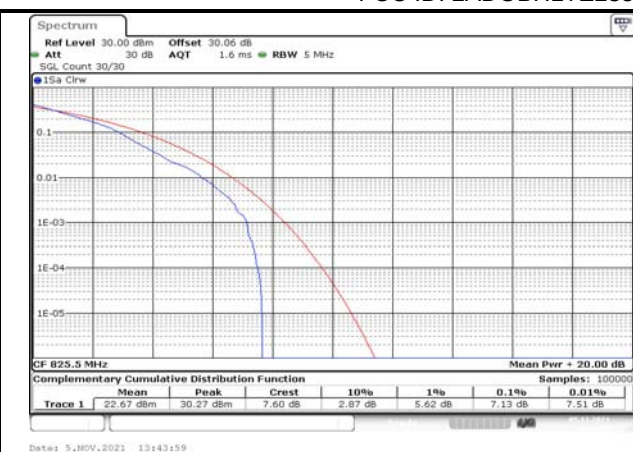


Fig.14

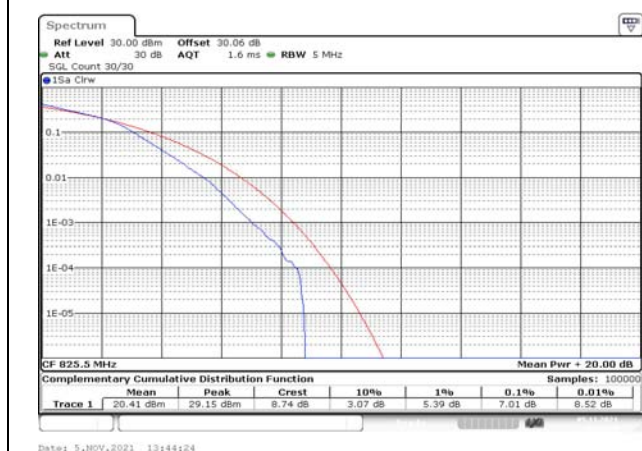


Fig.15

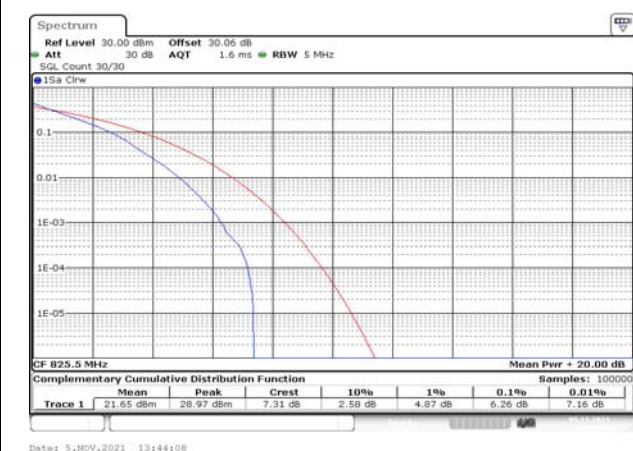


Fig.16

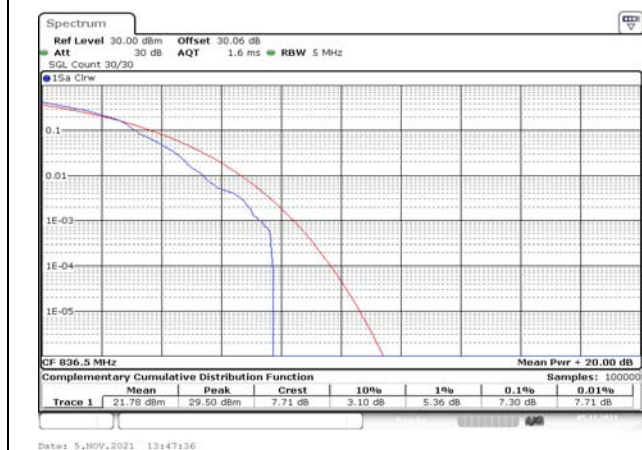


Fig.17

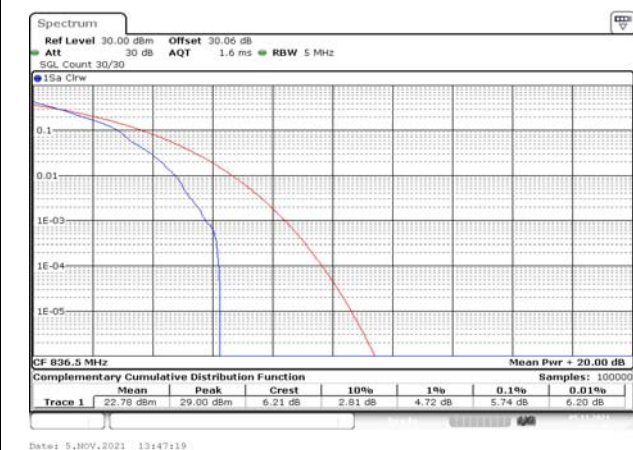


Fig.18



Fig.19

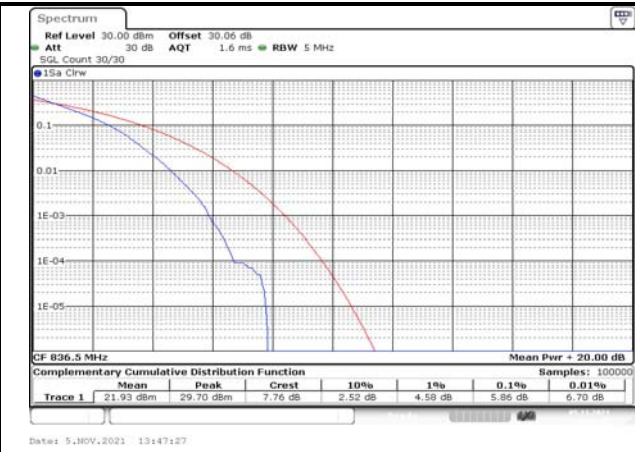


Fig.20

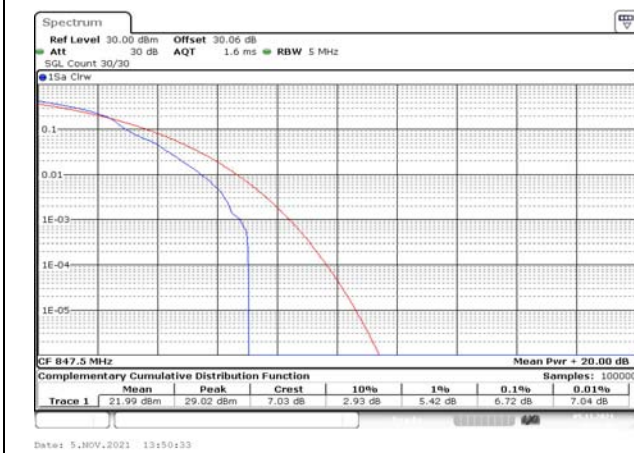


Fig.21

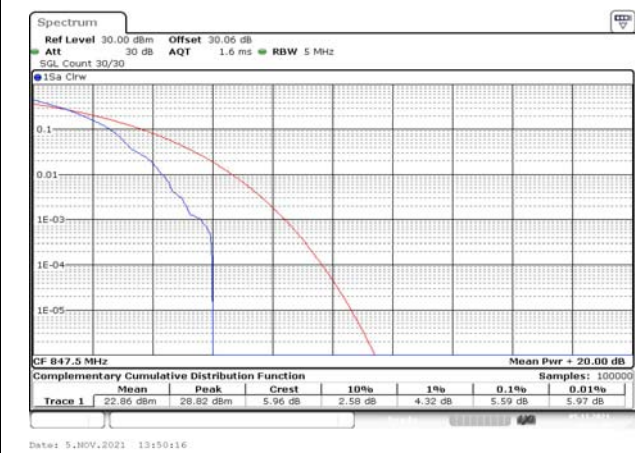


Fig.22

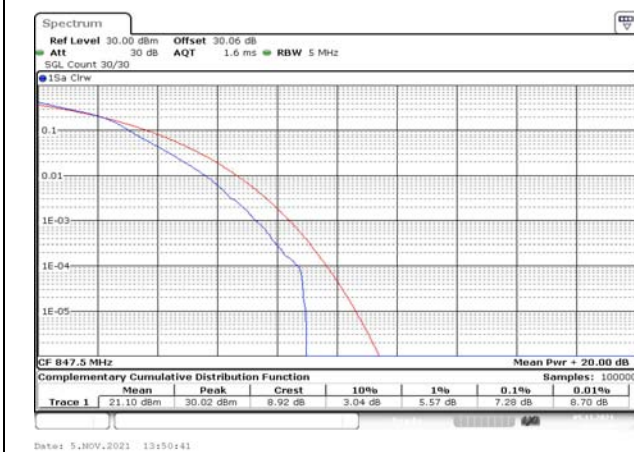


Fig.23

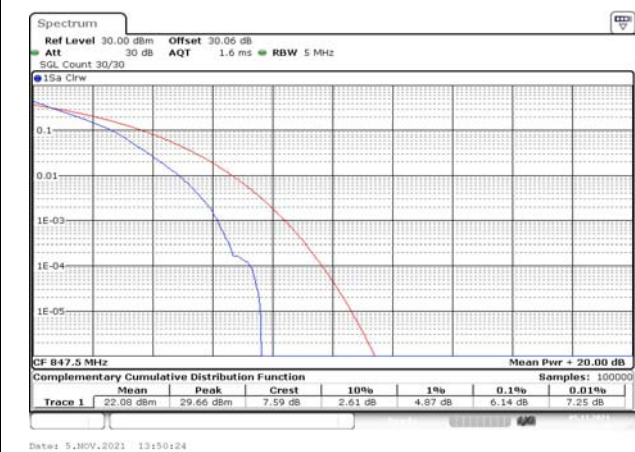


Fig.24

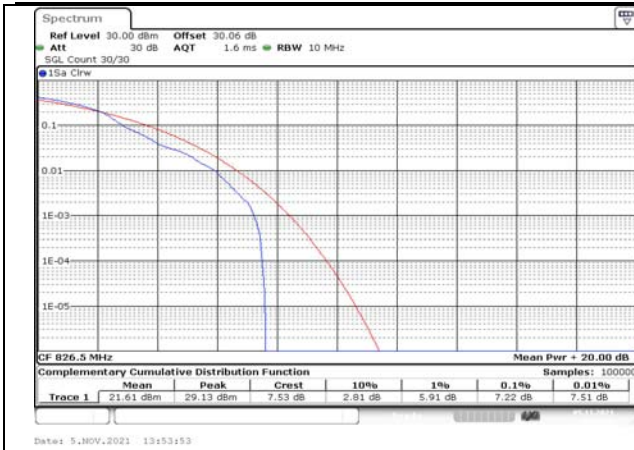


Fig.25

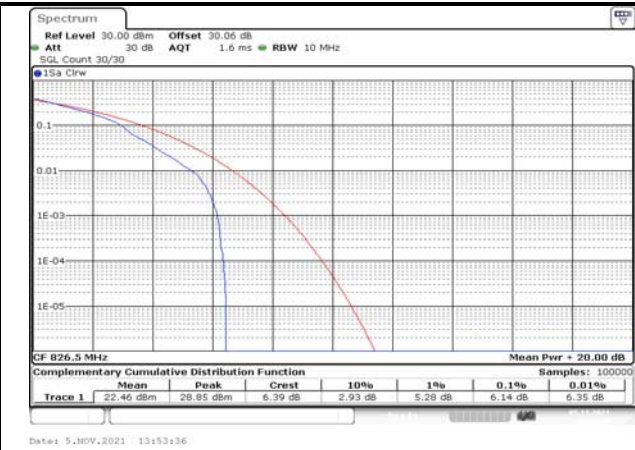


Fig.26

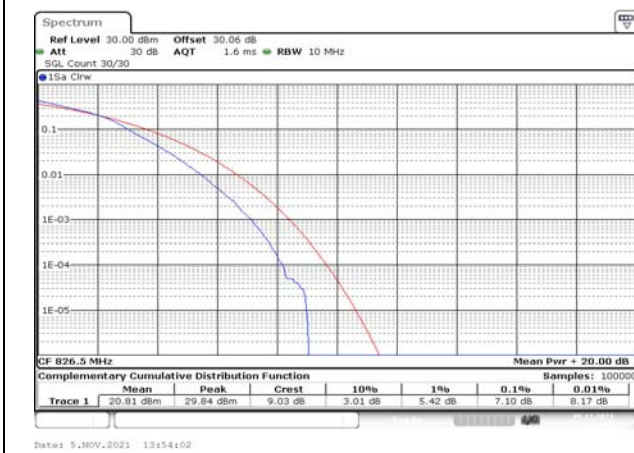


Fig.27

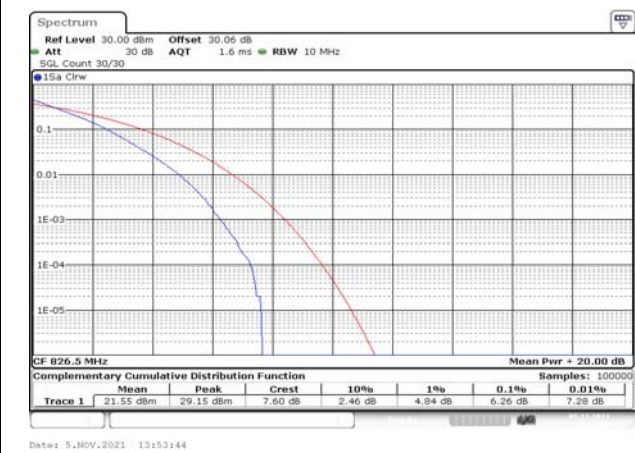


Fig.28

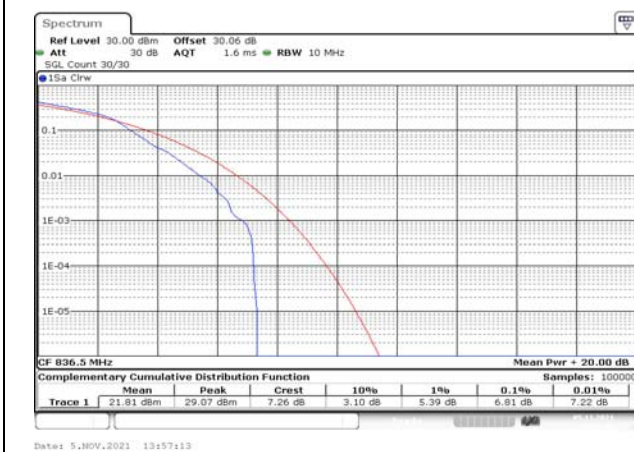


Fig.29

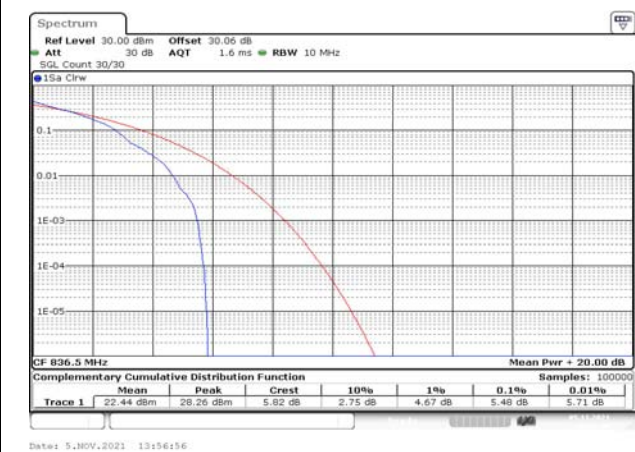


Fig.30

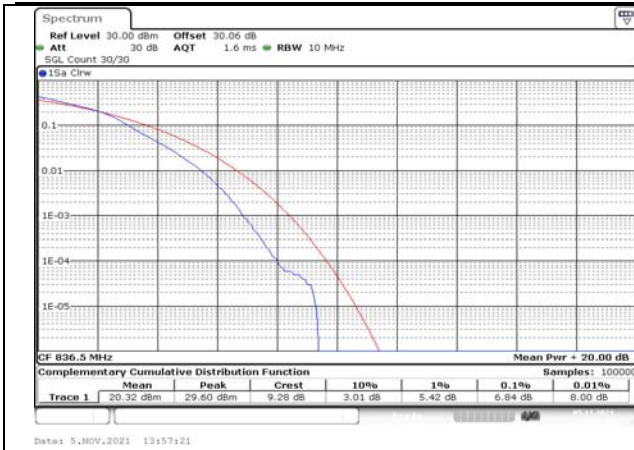


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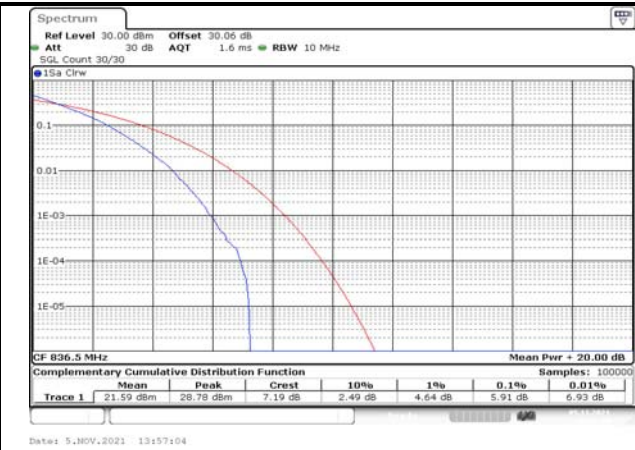


Fig.32

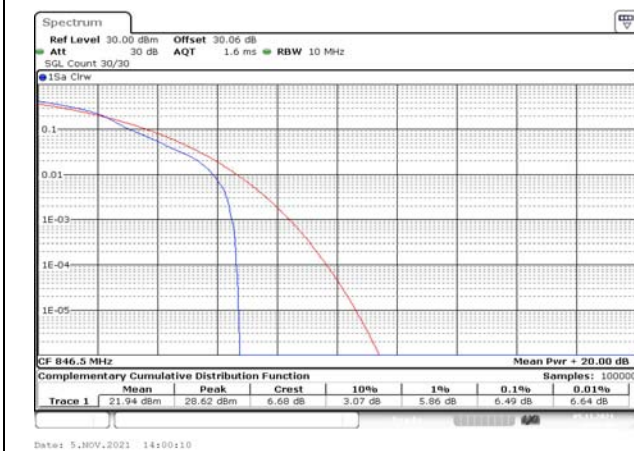


Fig.33

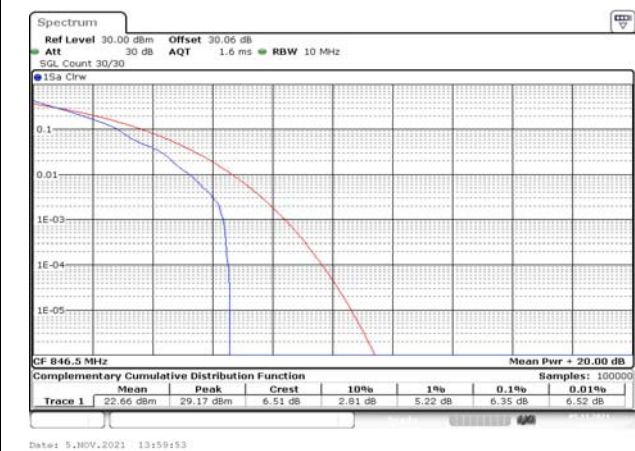


Fig.34

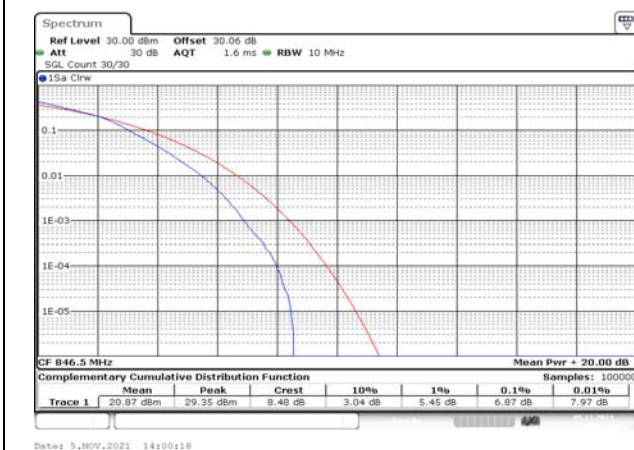


Fig.35

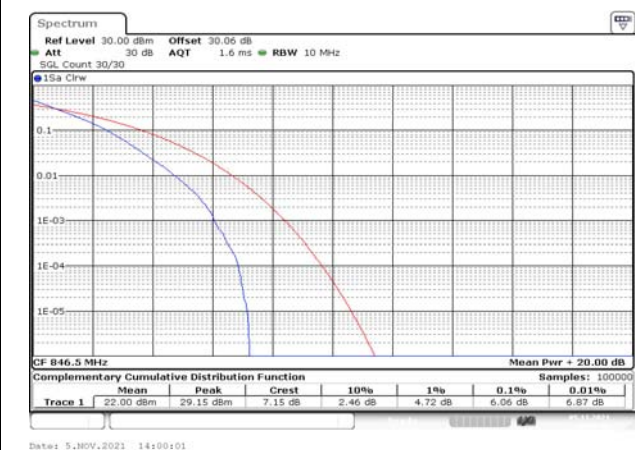


Fig.36

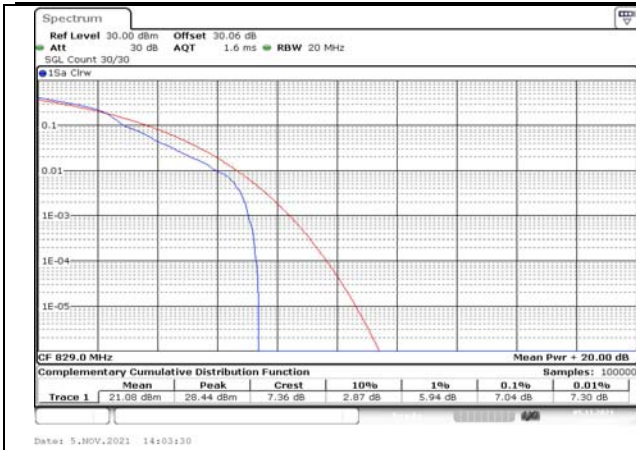


Fig.37

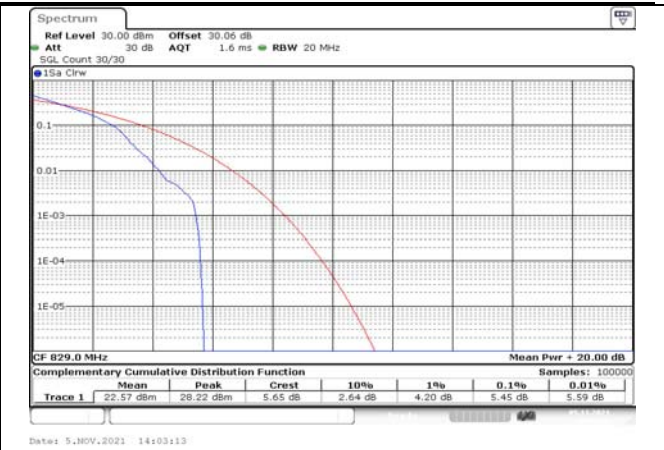


Fig.38

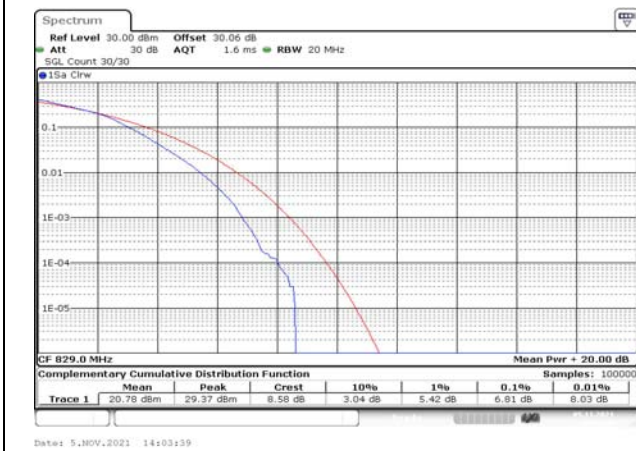


Fig.39

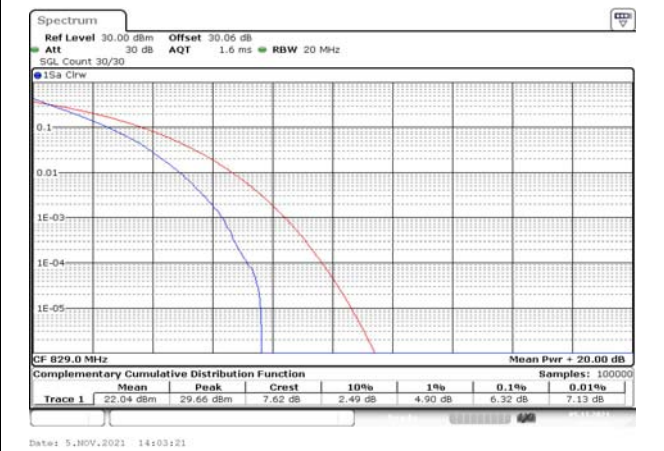


Fig.40

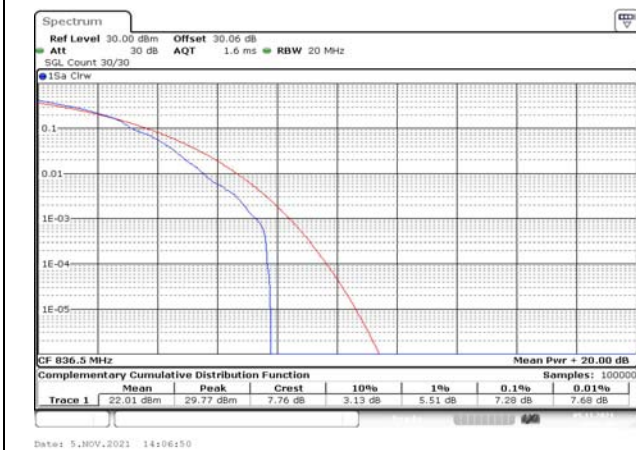


Fig.41

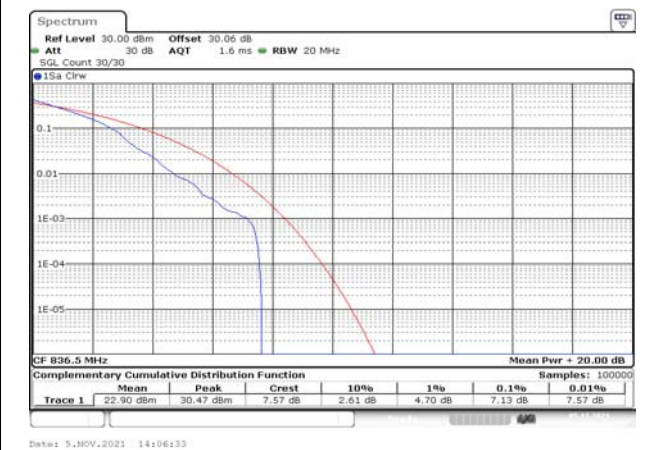


Fig.42

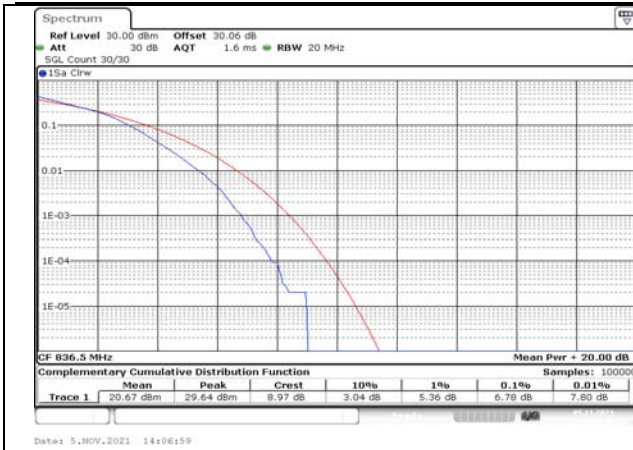


Fig.43

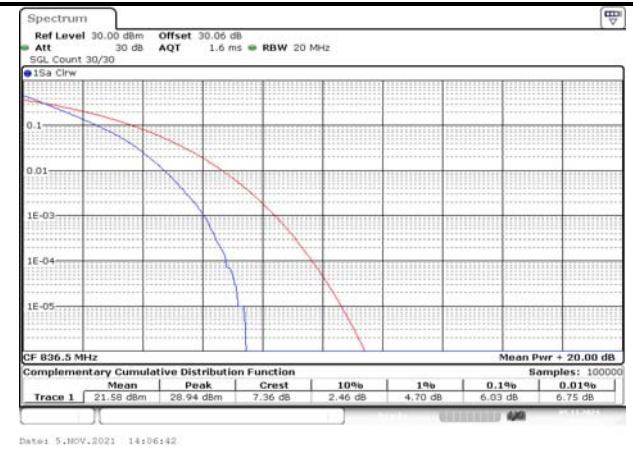


Fig.44

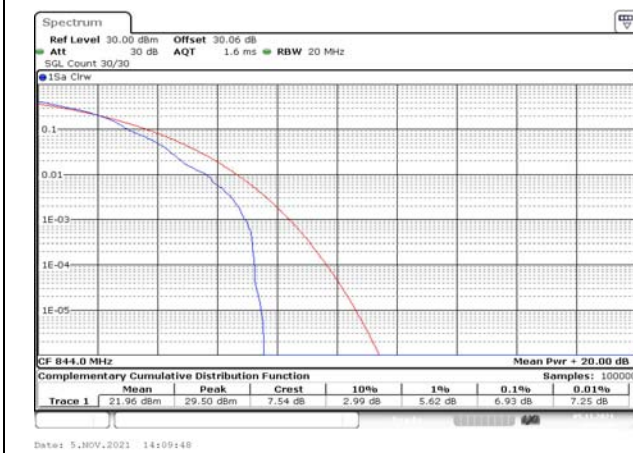


Fig.45

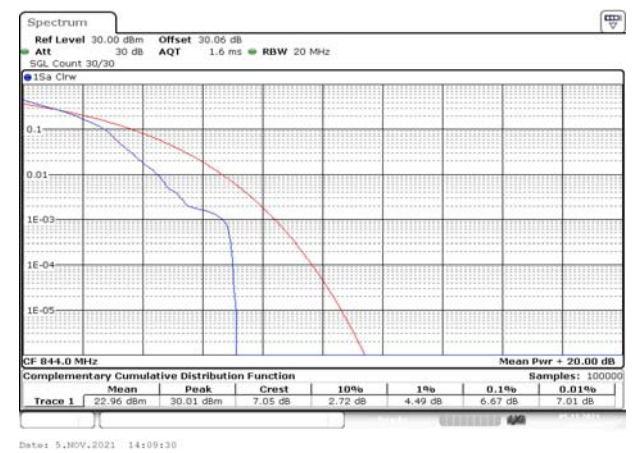


Fig.46

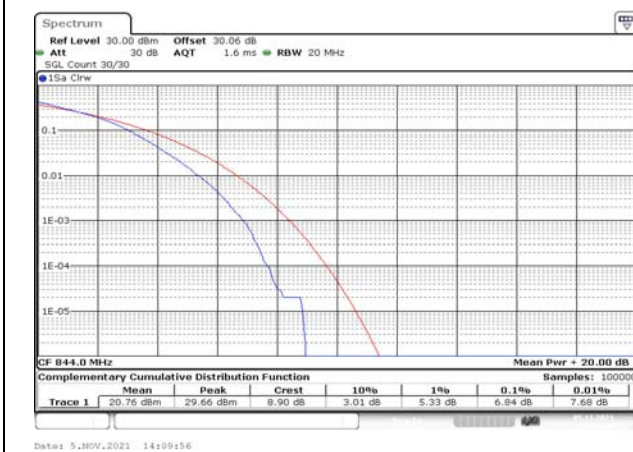


Fig.47

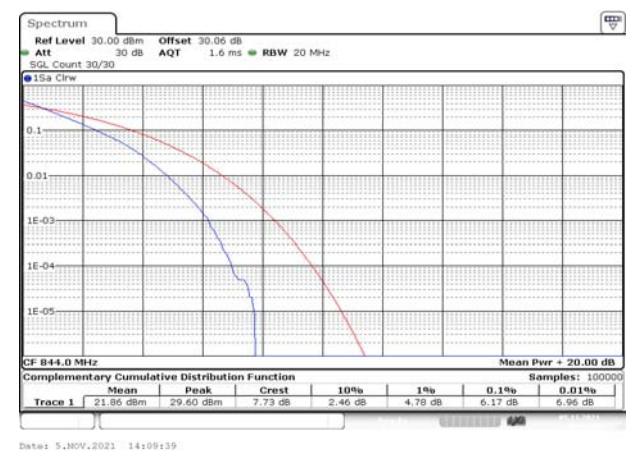


Fig.48

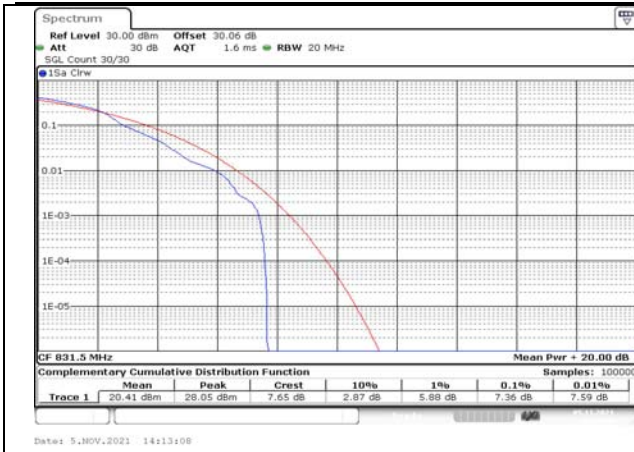


Fig.49

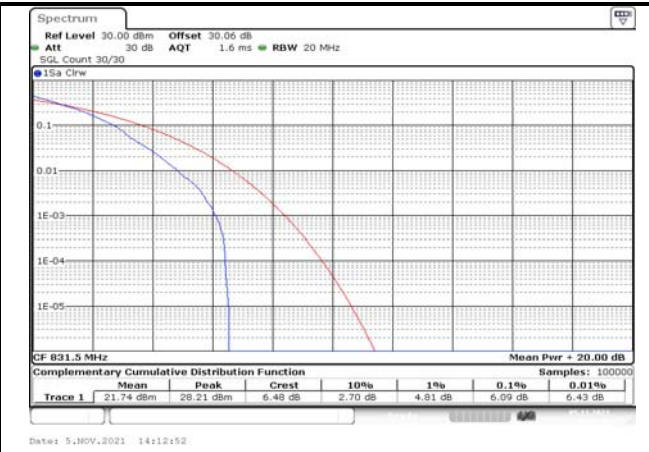


Fig.50

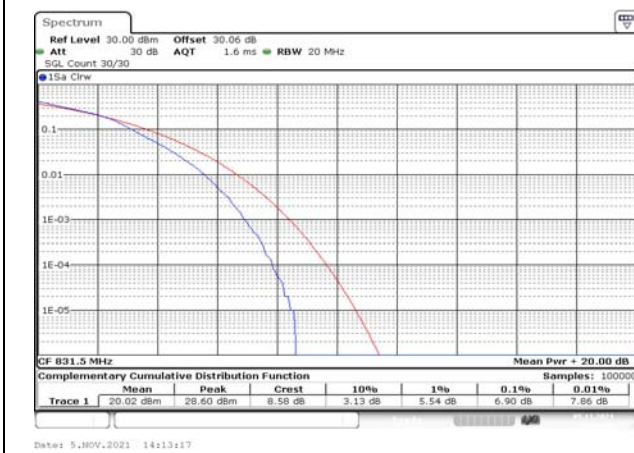


Fig.51

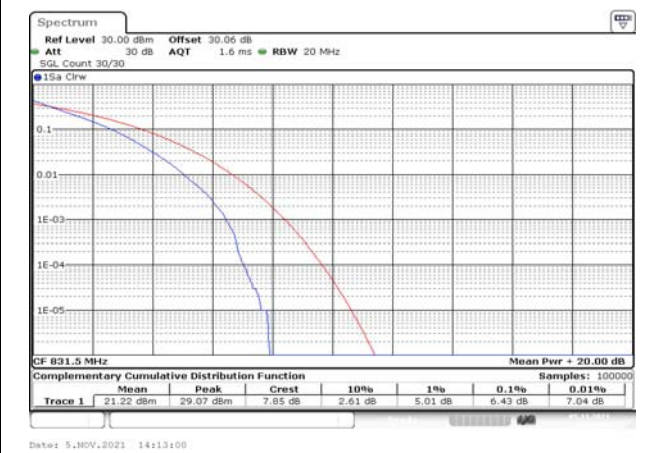


Fig.52

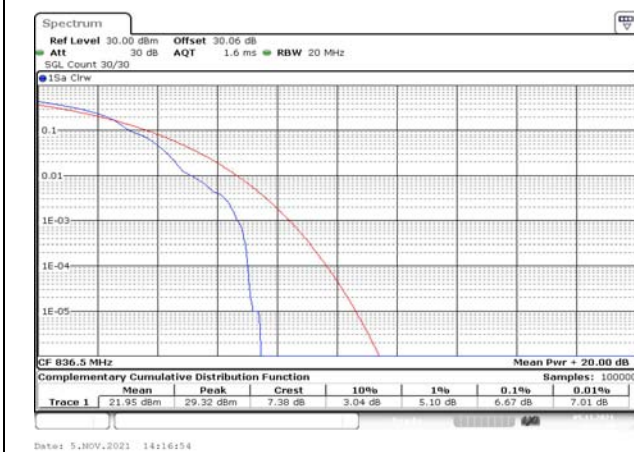


Fig.53

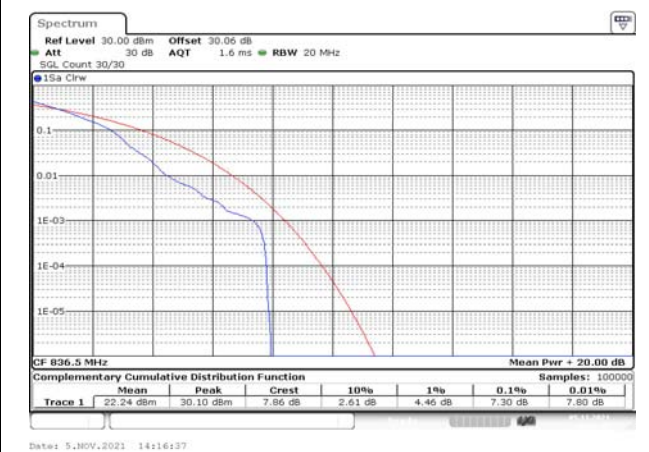


Fig.54

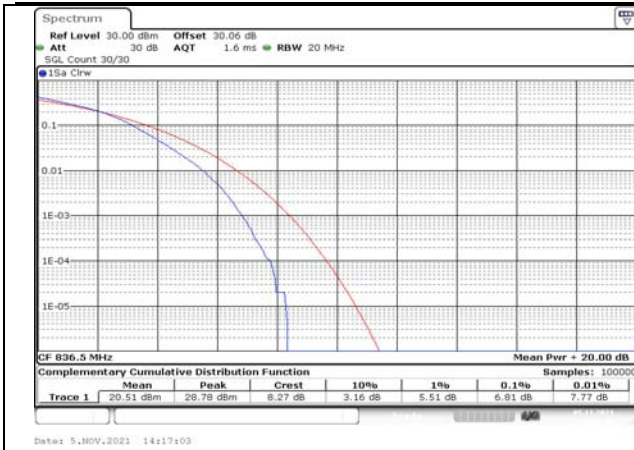


Fig.55

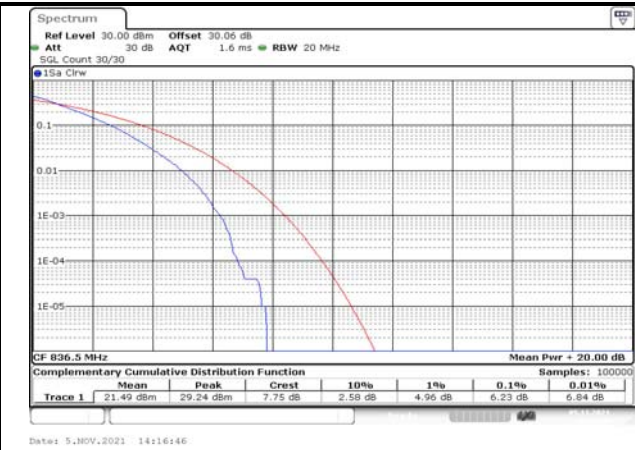


Fig.56

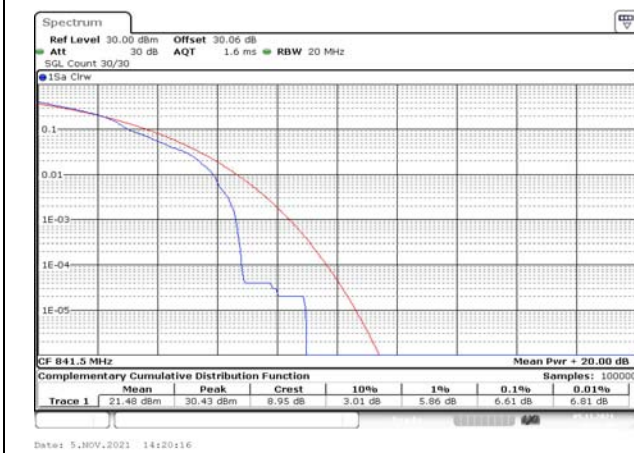


Fig.57

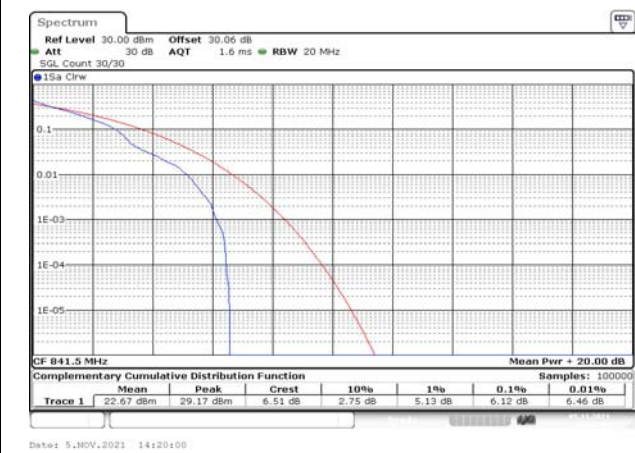


Fig.58

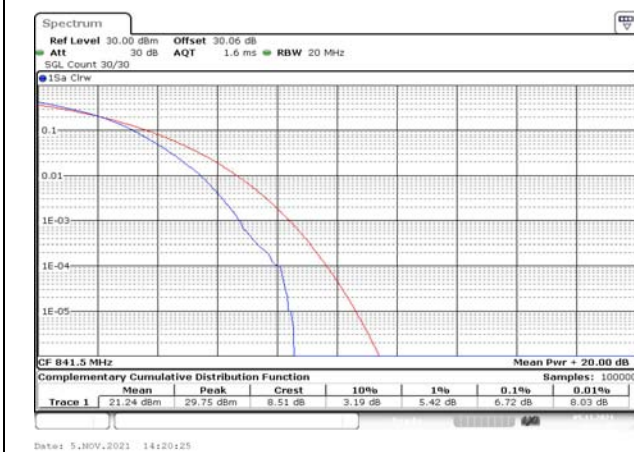


Fig.59

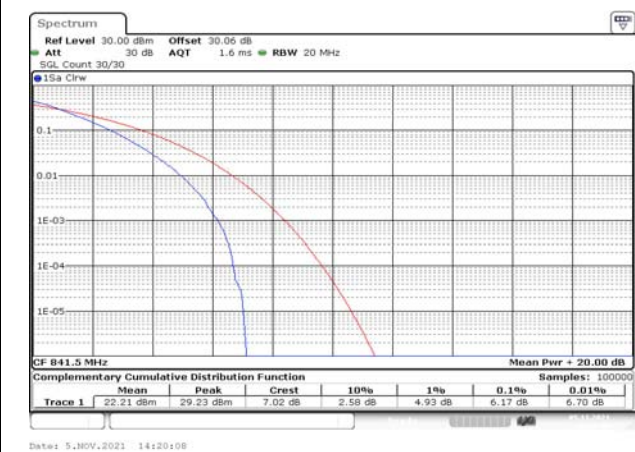


Fig.60

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
26	831.5	26865	15	1	0	Fig.1
26	836.5	26915	15	1	0	Fig.2
26	841.5	26965	15	1	0	Fig.3

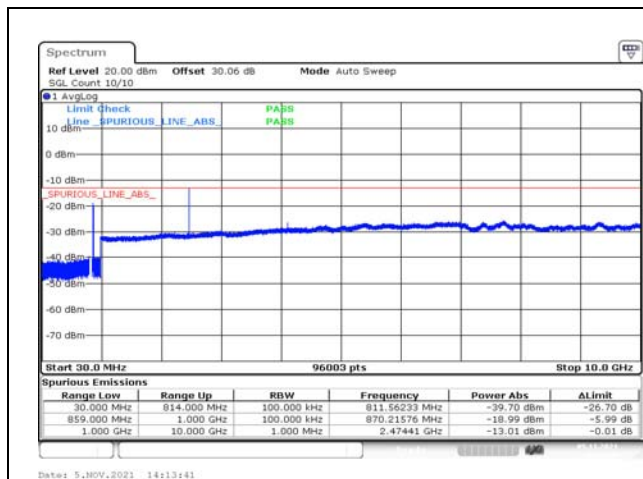


Fig.1

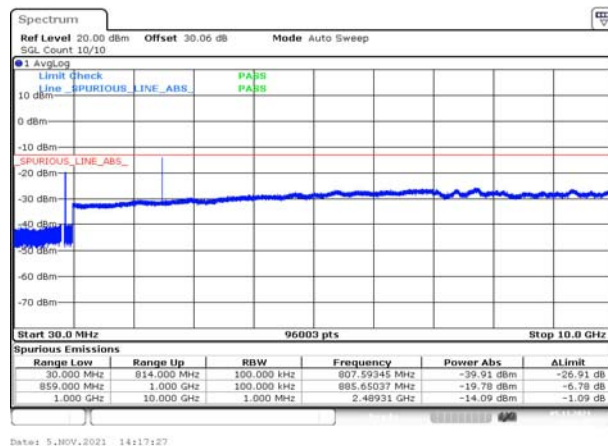


Fig.2

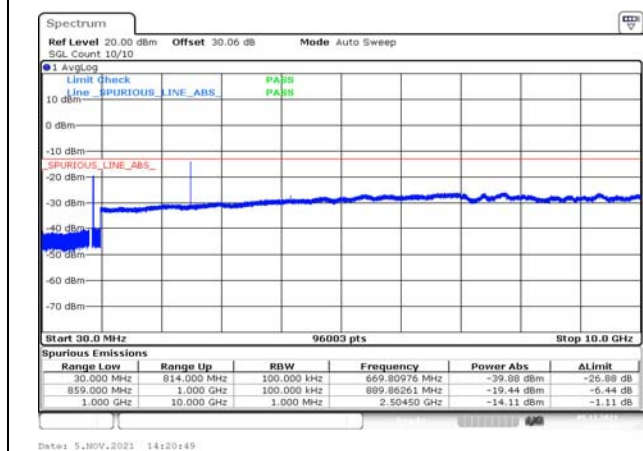


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
26	824.7	26797	1.4	1	0	Fig.1
26	824.7	26797	1.4	6	0	Fig.2
26	848.3	27033	1.4	1	5	Fig.3
26	848.3	27033	1.4	6	0	Fig.4
26	825.5	26805	3	1	0	Fig.5
26	825.5	26805	3	15	0	Fig.6
26	847.5	27025	3	1	14	Fig.7
26	847.5	27025	3	15	0	Fig.8
26	826.5	26815	5	1	0	Fig.9
26	826.5	26815	5	25	0	Fig.10
26	846.5	27015	5	1	24	Fig.11
26	846.5	27015	5	25	0	Fig.12
26	829	26840	10	1	0	Fig.13
26	829	26840	10	50	0	Fig.14
26	844	26990	10	1	49	Fig.15
26	844	26990	10	50	0	Fig.16
26	831.5	26865	15	1	0	Fig.17
26	831.5	26865	15	75	0	Fig.18
26	841.5	26965	15	1	74	Fig.19
26	841.5	26965	15	75	0	Fig.20

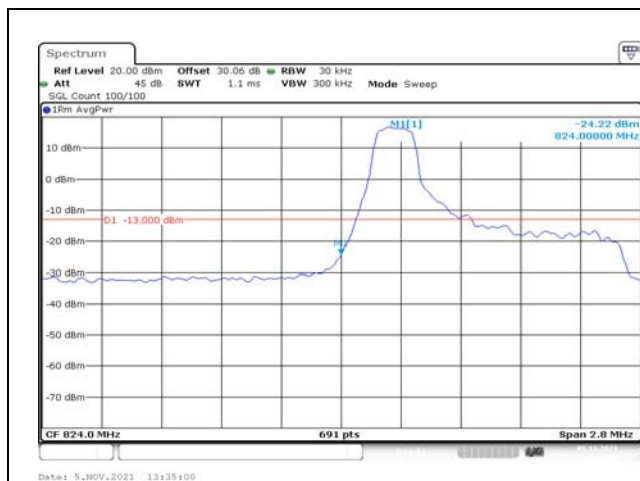


Fig.1

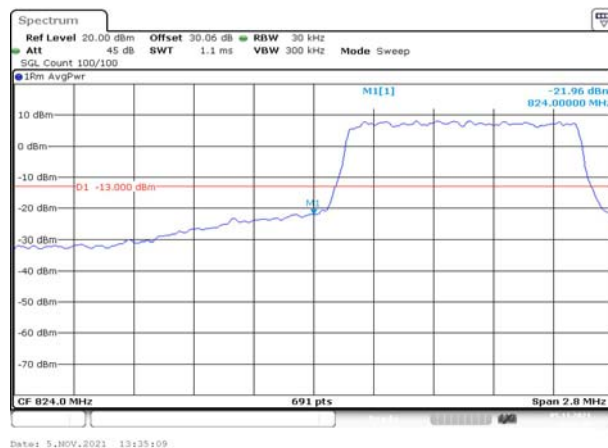


Fig.2

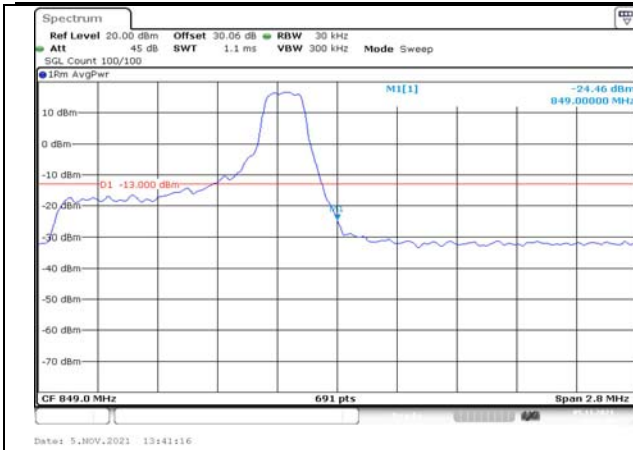


Fig.3



Fig.4

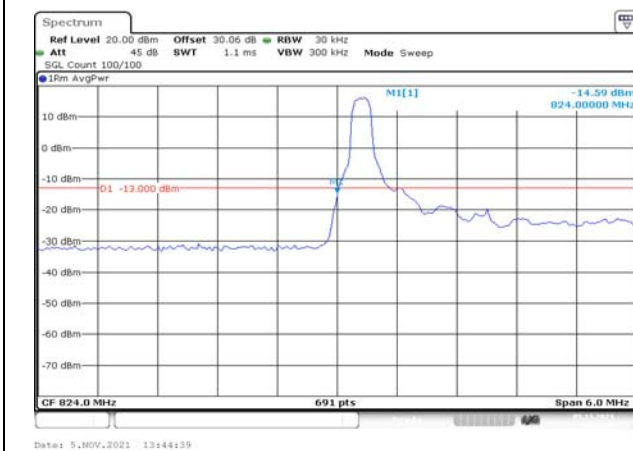


Fig.5

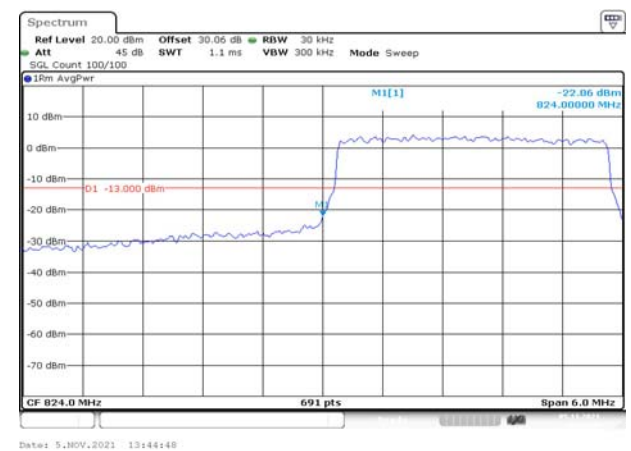


Fig.6

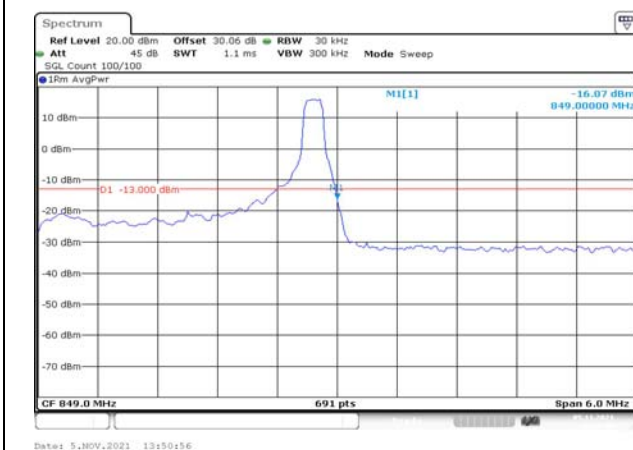


Fig.7

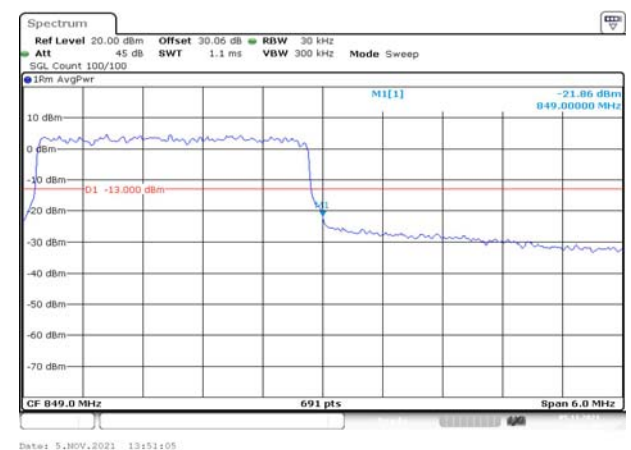
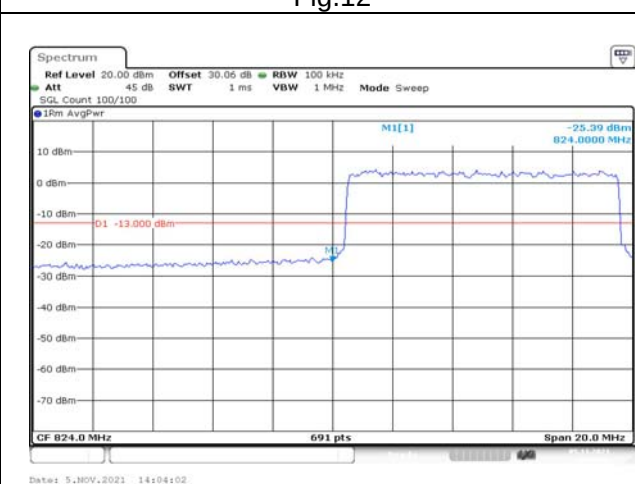
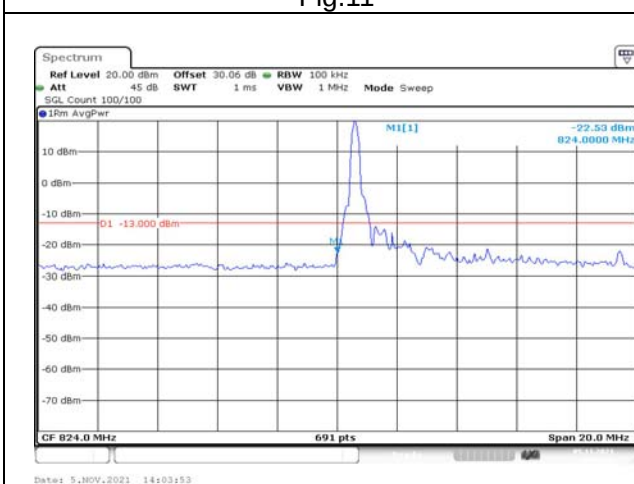
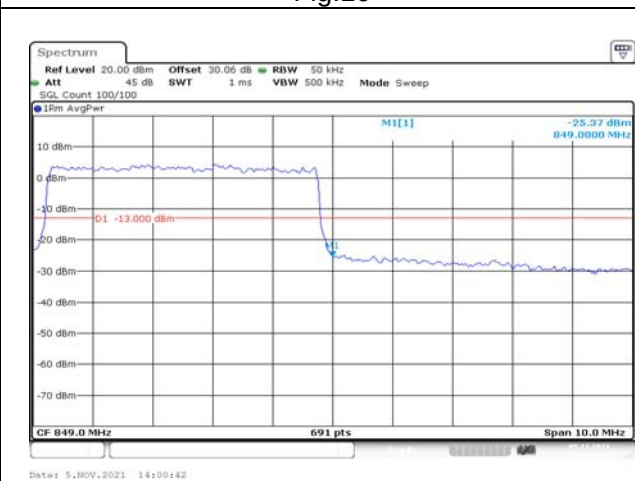
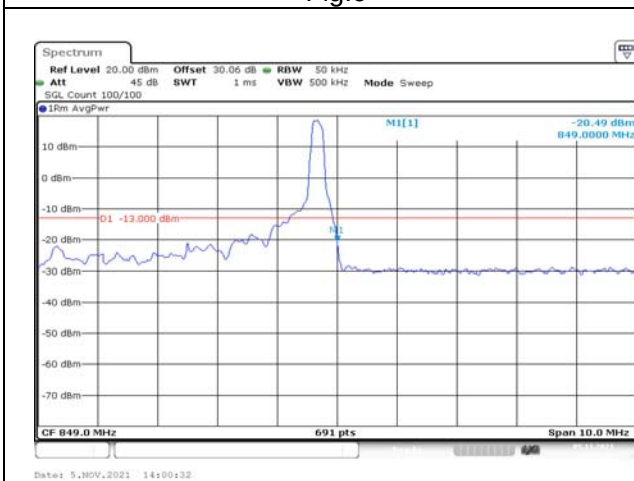
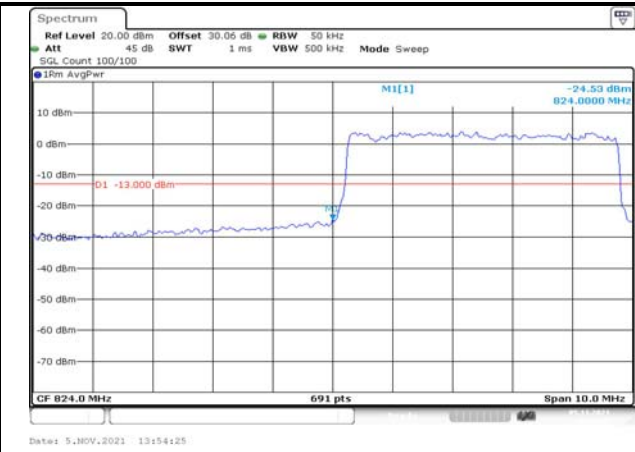
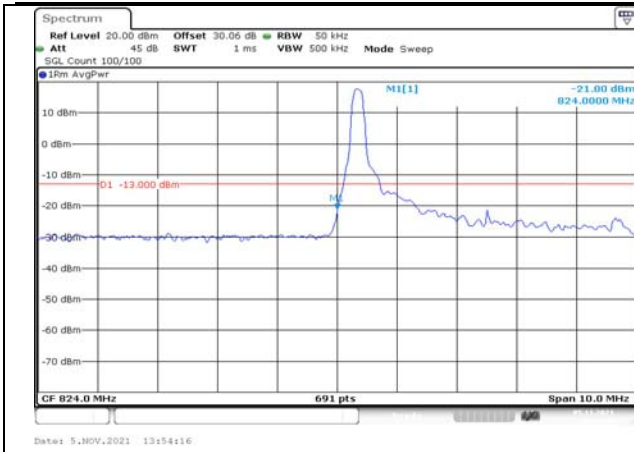


Fig.8



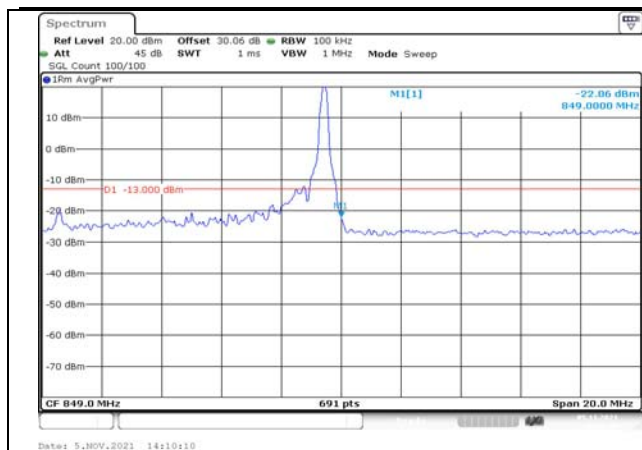


Fig.15

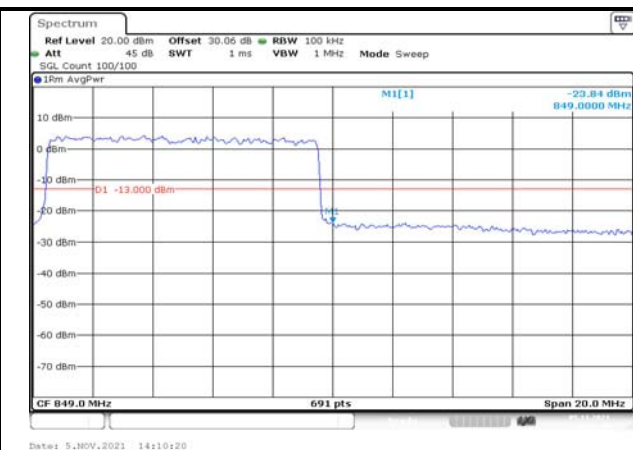


Fig.16

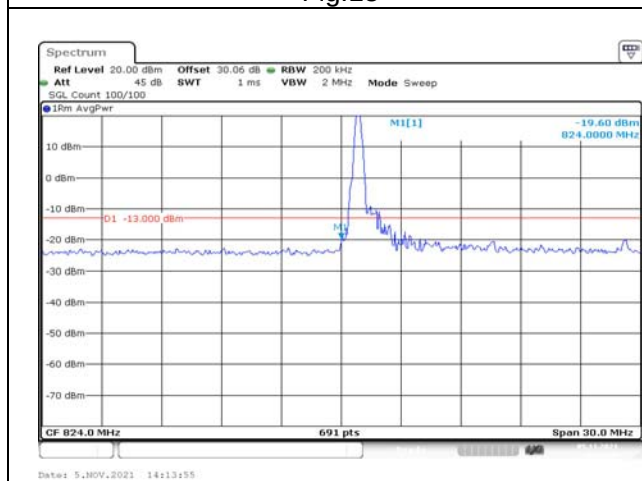


Fig.17

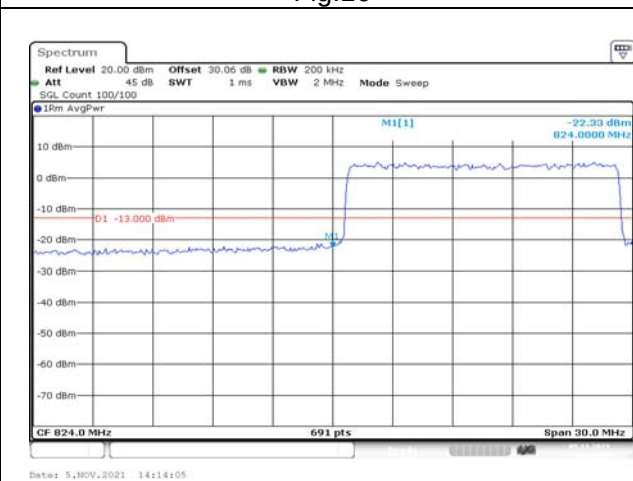


Fig.18

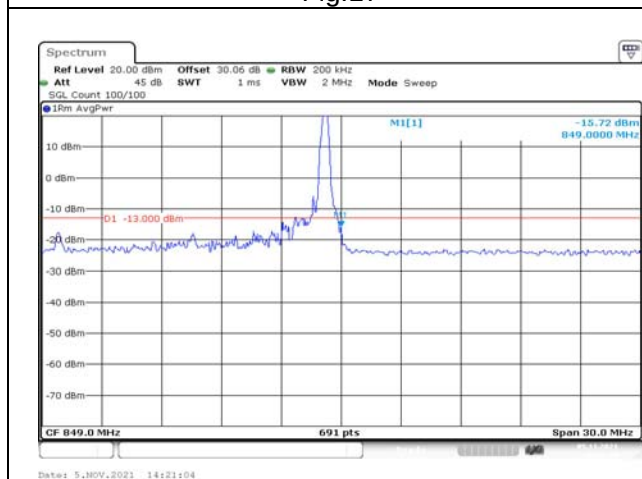


Fig.19

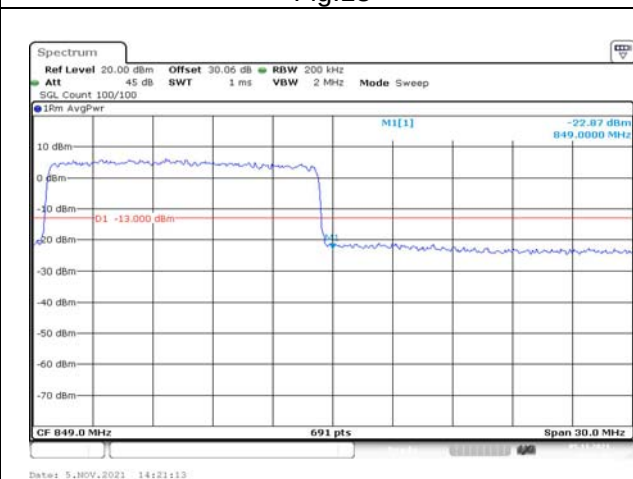


Fig.20

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 26 Low Channel QPSK				
		1.4M	3M	5M	10M	15M
-30	NV	0.015	0.025	0.022	0.010	0.025
-20	NV	0.003	-0.010	0.026	-0.011	1.165
-10	NV	-0.029	-0.014	0.030	0.016	0.019
0	NV	-0.020	0.004	0.015	0.009	-0.021
+10	NV	0.018	-0.019	0.003	0.013	0.017
+30	NV	0.009	-0.030	-0.001	0.005	0.003
+40	NV	-0.017	-0.008	-0.012	0.022	0.002
+50	NV	-0.012	-0.021	-0.014	0.012	0.005
+20	LV	0.018	0.006	0.014	0.001	-0.018
+20	HV	0.024	0.018	0.006	0.006	0.010

Temperature(°C)	Voltage	Test Result (ppm) Band 26 High Channel QPSK				
		1.4M	3M	5M	10M	15M
-30	NV	-0.019	-0.008	-0.002	0.002	-0.020
-20	NV	-0.012	-0.012	0.016	-0.001	-0.022
-10	NV	-0.041	-0.015	-0.001	-0.008	-0.029
0	NV	-0.009	0.000	-0.012	0.020	0.009
+10	NV	-0.031	-0.008	-0.001	-0.008	-0.001
+30	NV	-0.037	-0.033	-0.007	-0.030	-0.012
+40	NV	-0.017	-0.010	-0.007	-0.005	-0.030
+50	NV	-0.006	-0.012	-0.013	-0.022	-0.016
+20	LV	-0.014	-0.010	0.002	0.012	0.008
+20	HV	-0.011	0.005	-0.008	0.008	-0.010

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	824.7	26797	1.4	1	0	23.96	20.77	0.119
16QAM	824.7	26797	1.4	1	3	23.54	20.35	0.108
16QAM	824.7	26797	1.4	1	5	23.54	20.35	0.108
16QAM	824.7	26797	1.4	3	0	23.71	20.52	0.113
16QAM	824.7	26797	1.4	3	1	23.61	20.42	0.110
16QAM	824.7	26797	1.4	3	3	23.69	20.50	0.112
16QAM	824.7	26797	1.4	6	0	22.52	19.33	0.086
16QAM	836.5	26915	1.4	1	0	24.04	20.85	0.122
16QAM	836.5	26915	1.4	1	3	23.62	20.43	0.110
16QAM	836.5	26915	1.4	1	5	23.94	20.75	0.119
16QAM	836.5	26915	1.4	3	0	23.11	19.92	0.098
16QAM	836.5	26915	1.4	3	1	23.13	19.94	0.099
16QAM	836.5	26915	1.4	3	3	23.03	19.84	0.096
16QAM	836.5	26915	1.4	6	0	22.02	18.83	0.076
16QAM	848.3	27033	1.4	1	0	22.70	19.51	0.089
16QAM	848.3	27033	1.4	1	3	22.85	19.66	0.092
16QAM	848.3	27033	1.4	1	5	22.85	19.66	0.092
16QAM	848.3	27033	1.4	3	0	22.83	19.64	0.092
16QAM	848.3	27033	1.4	3	1	23.14	19.95	0.099
16QAM	848.3	27033	1.4	3	3	23.06	19.87	0.097
16QAM	848.3	27033	1.4	6	0	22.58	19.39	0.087

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	824.7	26797	1.4	1	0	24.85	21.66	0.147
QPSK	824.7	26797	1.4	1	3	24.84	21.65	0.146
QPSK	824.7	26797	1.4	1	5	24.82	21.63	0.146
QPSK	824.7	26797	1.4	3	0	24.68	21.49	0.141
QPSK	824.7	26797	1.4	3	1	24.46	21.27	0.134
QPSK	824.7	26797	1.4	3	3	24.36	21.17	0.131
QPSK	824.7	26797	1.4	6	0	23.23	20.04	0.101
QPSK	836.5	26915	1.4	1	0	24.78	21.59	0.144
QPSK	836.5	26915	1.4	1	3	24.99	21.80	0.151
QPSK	836.5	26915	1.4	1	5	24.74	21.55	0.143
QPSK	836.5	26915	1.4	3	0	24.32	21.13	0.130
QPSK	836.5	26915	1.4	3	1	24.49	21.30	0.135
QPSK	836.5	26915	1.4	3	3	24.13	20.94	0.124
QPSK	836.5	26915	1.4	6	0	22.85	19.66	0.092
QPSK	848.3	27033	1.4	1	0	24.29	21.10	0.129
QPSK	848.3	27033	1.4	1	3	24.34	21.15	0.130
QPSK	848.3	27033	1.4	1	5	24.32	21.13	0.130
QPSK	848.3	27033	1.4	3	0	24.20	21.01	0.126
QPSK	848.3	27033	1.4	3	1	24.31	21.12	0.129
QPSK	848.3	27033	1.4	3	3	24.21	21.02	0.126
QPSK	848.3	27033	1.4	6	0	22.92	19.73	0.094

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	825.5	26805	3	1	0	22.82	19.63	0.092
16QAM	825.5	26805	3	1	8	22.68	19.49	0.089
16QAM	825.5	26805	3	1	14	22.96	19.77	0.095
16QAM	825.5	26805	3	8	0	21.66	18.47	0.070
16QAM	825.5	26805	3	8	4	21.58	18.39	0.069
16QAM	825.5	26805	3	8	7	21.80	18.61	0.073
16QAM	825.5	26805	3	15	0	21.51	18.32	0.068
16QAM	836.5	26915	3	1	0	23.58	20.39	0.109
16QAM	836.5	26915	3	1	8	23.76	20.57	0.114
16QAM	836.5	26915	3	1	14	23.54	20.35	0.108
16QAM	836.5	26915	3	8	0	22.03	18.84	0.077
16QAM	836.5	26915	3	8	4	21.94	18.75	0.075
16QAM	836.5	26915	3	8	7	21.78	18.59	0.072
16QAM	836.5	26915	3	15	0	21.93	18.74	0.075
16QAM	847.5	27025	3	1	0	22.75	19.56	0.090
16QAM	847.5	27025	3	1	8	22.69	19.50	0.089
16QAM	847.5	27025	3	1	14	22.77	19.58	0.091
16QAM	847.5	27025	3	8	0	21.70	18.51	0.071
16QAM	847.5	27025	3	8	4	21.75	18.56	0.072
16QAM	847.5	27025	3	8	7	22.37	19.18	0.083
16QAM	847.5	27025	3	15	0	21.85	18.66	0.073

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	26805	3	1	0	23.90	20.71	0.118
QPSK	825.5	26805	3	1	8	24.05	20.86	0.122
QPSK	825.5	26805	3	1	14	24.41	21.22	0.132
QPSK	825.5	26805	3	8	0	22.84	19.65	0.092
QPSK	825.5	26805	3	8	4	23.10	19.91	0.098
QPSK	825.5	26805	3	8	7	22.56	19.37	0.086
QPSK	825.5	26805	3	15	0	22.81	19.62	0.092
QPSK	836.5	26915	3	1	0	24.38	21.19	0.132
QPSK	836.5	26915	3	1	8	24.32	21.13	0.130
QPSK	836.5	26915	3	1	14	24.73	21.54	0.143
QPSK	836.5	26915	3	8	0	23.21	20.02	0.100
QPSK	836.5	26915	3	8	4	23.08	19.89	0.097
QPSK	836.5	26915	3	8	7	22.98	19.79	0.095
QPSK	836.5	26915	3	15	0	22.98	19.79	0.095
QPSK	847.5	27025	3	1	0	24.79	21.60	0.145
QPSK	847.5	27025	3	1	8	24.79	21.60	0.145
QPSK	847.5	27025	3	1	14	24.66	21.47	0.140
QPSK	847.5	27025	3	8	0	23.15	19.96	0.099
QPSK	847.5	27025	3	8	4	23.33	20.14	0.103
QPSK	847.5	27025	3	8	7	23.03	19.84	0.096
QPSK	847.5	27025	3	15	0	23.31	20.12	0.103

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	826.5	26815	5	1	0	21.94	18.75	0.075
16QAM	826.5	26815	5	1	12	22.05	18.86	0.077
16QAM	826.5	26815	5	1	24	22.48	19.29	0.085
16QAM	826.5	26815	5	12	0	21.21	18.02	0.063
16QAM	826.5	26815	5	12	7	21.51	18.32	0.068
16QAM	826.5	26815	5	12	13	21.49	18.30	0.068
16QAM	826.5	26815	5	25	0	21.65	18.46	0.070
16QAM	836.5	26915	5	1	0	22.49	19.30	0.085
16QAM	836.5	26915	5	1	12	22.60	19.41	0.087
16QAM	836.5	26915	5	1	24	22.64	19.45	0.088
16QAM	836.5	26915	5	12	0	21.45	18.26	0.067
16QAM	836.5	26915	5	12	7	21.25	18.06	0.064
16QAM	836.5	26915	5	12	13	21.31	18.12	0.065
16QAM	836.5	26915	5	25	0	21.38	18.19	0.066
16QAM	846.5	27015	5	1	0	23.07	19.88	0.097
16QAM	846.5	27015	5	1	12	23.14	19.95	0.099
16QAM	846.5	27015	5	1	24	23.11	19.92	0.098
16QAM	846.5	27015	5	12	0	21.60	18.41	0.069
16QAM	846.5	27015	5	12	7	21.43	18.24	0.067
16QAM	846.5	27015	5	12	13	21.41	18.22	0.066
16QAM	846.5	27015	5	25	0	21.52	18.33	0.068

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	26815	5	1	0	23.66	20.47	0.111
QPSK	826.5	26815	5	1	12	23.80	20.61	0.115
QPSK	826.5	26815	5	1	24	24.14	20.95	0.124
QPSK	826.5	26815	5	12	0	22.73	19.54	0.090
QPSK	826.5	26815	5	12	7	22.66	19.47	0.089
QPSK	826.5	26815	5	12	13	22.64	19.45	0.088
QPSK	826.5	26815	5	25	0	22.51	19.32	0.086
QPSK	836.5	26915	5	1	0	23.69	20.50	0.112
QPSK	836.5	26915	5	1	12	23.56	20.37	0.109
QPSK	836.5	26915	5	1	24	23.67	20.48	0.112
QPSK	836.5	26915	5	12	0	22.57	19.38	0.087
QPSK	836.5	26915	5	12	7	22.51	19.32	0.086
QPSK	836.5	26915	5	12	13	22.57	19.38	0.087
QPSK	836.5	26915	5	25	0	22.50	19.31	0.085
QPSK	846.5	27015	5	1	0	23.86	20.67	0.117
QPSK	846.5	27015	5	1	12	23.87	20.68	0.117
QPSK	846.5	27015	5	1	24	24.01	20.82	0.121
QPSK	846.5	27015	5	12	0	22.67	19.48	0.089
QPSK	846.5	27015	5	12	7	22.69	19.50	0.089
QPSK	846.5	27015	5	12	13	22.73	19.54	0.090
QPSK	846.5	27015	5	25	0	22.66	19.47	0.089

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	829	26840	10	1	0	23.53	20.34	0.108
16QAM	829	26840	10	1	25	23.86	20.67	0.117
16QAM	829	26840	10	1	49	23.71	20.52	0.113
16QAM	829	26840	10	25	0	21.48	18.29	0.067
16QAM	829	26840	10	25	12	21.80	18.61	0.073
16QAM	829	26840	10	25	25	21.78	18.59	0.072
16QAM	829	26840	10	50	0	21.82	18.63	0.073
16QAM	836.5	26915	10	1	0	23.25	20.06	0.101
16QAM	836.5	26915	10	1	25	23.10	19.91	0.098
16QAM	836.5	26915	10	1	49	23.29	20.10	0.102
16QAM	836.5	26915	10	25	0	21.79	18.60	0.072
16QAM	836.5	26915	10	25	12	21.57	18.38	0.069
16QAM	836.5	26915	10	25	25	22.19	19.00	0.079
16QAM	836.5	26915	10	50	0	21.64	18.45	0.070
16QAM	844	26990	10	1	0	23.23	20.04	0.101
16QAM	844	26990	10	1	25	23.17	19.98	0.100
16QAM	844	26990	10	1	49	22.97	19.78	0.095
16QAM	844	26990	10	25	0	21.85	18.66	0.073
16QAM	844	26990	10	25	12	21.72	18.53	0.071
16QAM	844	26990	10	25	25	21.83	18.64	0.073
16QAM	844	26990	10	50	0	21.55	18.36	0.069

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	26840	10	1	0	23.60	20.41	0.110
QPSK	829	26840	10	1	25	23.86	20.67	0.117
QPSK	829	26840	10	1	49	23.80	20.61	0.115
QPSK	829	26840	10	25	0	22.54	19.35	0.086
QPSK	829	26840	10	25	12	22.77	19.58	0.091
QPSK	829	26840	10	25	25	22.54	19.35	0.086
QPSK	829	26840	10	50	0	22.87	19.68	0.093
QPSK	836.5	26915	10	1	0	23.87	20.68	0.117
QPSK	836.5	26915	10	1	25	24.05	20.86	0.122
QPSK	836.5	26915	10	1	49	24.23	21.04	0.127
QPSK	836.5	26915	10	25	0	22.65	19.46	0.088
QPSK	836.5	26915	10	25	12	22.50	19.31	0.085
QPSK	836.5	26915	10	25	25	22.70	19.51	0.089
QPSK	836.5	26915	10	50	0	22.63	19.44	0.088
QPSK	844	26990	10	1	0	23.84	20.65	0.116
QPSK	844	26990	10	1	25	23.87	20.68	0.117
QPSK	844	26990	10	1	49	24.09	20.90	0.123
QPSK	844	26990	10	25	0	22.60	19.41	0.087
QPSK	844	26990	10	25	12	22.77	19.58	0.091
QPSK	844	26990	10	25	25	22.72	19.53	0.090
QPSK	844	26990	10	50	0	22.80	19.61	0.091

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	831.5	26865	15	1	0	23.54	20.35	0.108
16QAM	831.5	26865	15	1	37	23.58	20.39	0.109
16QAM	831.5	26865	15	1	74	23.56	20.37	0.109
16QAM	831.5	26865	15	36	0	21.67	18.48	0.070
16QAM	831.5	26865	15	36	29	21.72	18.53	0.071
16QAM	831.5	26865	15	36	30	21.65	18.46	0.070
16QAM	831.5	26865	15	75	0	21.19	18.00	0.063
16QAM	836.5	26915	15	1	0	23.72	20.53	0.113
16QAM	836.5	26915	15	1	37	23.33	20.14	0.103
16QAM	836.5	26915	15	1	74	23.42	20.23	0.105
16QAM	836.5	26915	15	36	0	22.08	18.89	0.077
16QAM	836.5	26915	15	36	29	22.05	18.86	0.077
16QAM	836.5	26915	15	36	30	22.04	18.85	0.077
16QAM	836.5	26915	15	75	0	21.66	18.47	0.070
16QAM	841.5	26965	15	1	0	23.92	20.73	0.118
16QAM	841.5	26965	15	1	37	23.89	20.70	0.117
16QAM	841.5	26965	15	1	74	23.90	20.71	0.118
16QAM	841.5	26965	15	36	0	22.17	18.98	0.079
16QAM	841.5	26965	15	36	29	22.23	19.04	0.080
16QAM	841.5	26965	15	36	30	22.14	18.95	0.079
16QAM	841.5	26965	15	75	0	22.19	19.00	0.079

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	831.5	26865	15	1	0	23.46	20.27	0.106
QPSK	831.5	26865	15	1	37	23.71	20.52	0.113
QPSK	831.5	26865	15	1	74	23.80	20.61	0.115
QPSK	831.5	26865	15	36	0	22.74	19.55	0.090
QPSK	831.5	26865	15	36	29	22.44	19.25	0.084
QPSK	831.5	26865	15	36	30	22.43	19.24	0.084
QPSK	831.5	26865	15	75	0	22.33	19.14	0.082
QPSK	836.5	26915	15	1	0	24.08	20.89	0.123
QPSK	836.5	26915	15	1	37	24.01	20.82	0.121
QPSK	836.5	26915	15	1	74	24.35	21.16	0.131
QPSK	836.5	26915	15	36	0	22.56	19.37	0.086
QPSK	836.5	26915	15	36	29	22.76	19.57	0.091
QPSK	836.5	26915	15	36	30	22.74	19.55	0.090
QPSK	836.5	26915	15	75	0	22.54	19.35	0.086
QPSK	841.5	26965	15	1	0	24.20	21.01	0.126
QPSK	841.5	26965	15	1	37	24.33	21.14	0.130
QPSK	841.5	26965	15	1	74	24.35	21.16	0.131
QPSK	841.5	26965	15	36	0	23.28	20.09	0.102
QPSK	841.5	26965	15	36	29	23.52	20.33	0.108
QPSK	841.5	26965	15	36	30	23.48	20.29	0.107
QPSK	841.5	26965	15	75	0	23.23	20.04	0.101

ReportEnd