1.Effective (Isotropic) Radiated Power Output Data

LTE Band 4				Conducted Power(dBm)			EIRP (dBm)			Limit	Verdict
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Channel 19957	Channel 20175	Channel 20393		
1.4MHz	QPSK	1	0	22.08	22.99	21.87	25.18	26.09	24.97	30	Pass
		1	2	22.01	23.09	21.93	25.11	26.19	25.03	30	Pass
		1	5	22.04	23.07	21.91	25.14	26.17	25.01	30	Pass
		3	0	22.1	23.03	21.85	25.2	26.13	24.95	30	Pass
		3	2	22.06	23.03	21.95	25.16	26.13	25.05	30	Pass
		3	3	22.04	23	21.97	25.14	26.1	25.07	30	Pass
		6	0	21.07	22.02	20.83	24.17	25.12	23.93	30	Pass
	16QAM	1	0	21.33	21.62	21.13	26.6	24.72	24.23	30	Pass
		1	2	21.23	21.55	21.07	24.33	24.65	24.17	30	Pass
		1	5	21.21	21.61	20.99	24.31	24.71	24.09	30	Pass
		3	0	21.28	22.1	20.76	24.38	25.2	23.86	30	Pass
		3	2	21.31	22.05	20.76	24.41	25.15	23.86	30	Pass
		3	3	21.3	22.05	20.79	24.4	25.15	23.89	30	Pass
		6	0	20.03	21.07	19.89	23.13	24.17	22.99	30	Pass
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Channel 19965	Channel 20175	Channel 20385	**Limit**	**Verdict**
3MHz	QPSK	1	0	22.03	23.03	21.9	25.13	26.13	25	30	Pass
		1	2	21.97	23.08	21.88	25.07	26.18	24.98	30	Pass
		1	5	22.09	23.09	21.95	25.19	26.19	25.05	30	Pass
		3	0	22.03	22.99	21.86	25.13	26.09	24.96	30	Pass
		3	2	22.14	22.98	21.96	25.24	26.08	25.06	30	Pass
		3	3	22.09	23.02	21.96	25.19	26.12	25.06	30	Pass
		6	0	21.06	22.04	20.82	24.16	25.14	23.92	30	Pass
	16QAM	1	0	21.29	21.64	21.12	24.39	24.74	24.22	30	Pass
		1	2	21.23	21.52	21.07	24.33	24.62	24.17	30	Pass
		1	5	21.27	21.55	21.05	24.37	24.65	24.15	30	Pass
		3	0	21.27	22.09	20.81	24.37	25.19	23.91	30	Pass
		3	2	21.34	21.99	20.81	24.44	25.09	23.91	30	Pass
		3	3	21.32	22.01	20.8	24.42	25.11	23.9	30	Pass
		6	0	20.03	21.06	19.89	23.13	24.16	22.99	30	Pass
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	**Limit**	**Verdict**

				19975	20175	20375	19975	20175	19975		
5MHz	QPSK	1	0	22.02	23	21.86	25.12	26.1	24.96	30	Pass
		1	2	21.97	23.1	21.86	25.07	26.2	24.96	30	Pass
		1	5	22.08	23.08	21.93	25.18	26.18	25.03	30	Pass
		3	0	22.11	23.03	21.86	25.21	26.13	24.96	30	Pass
		3	2	22.07	22.97	22.02	25.17	26.07	25.12	30	Pass
		3	3	22.09	23	21.89	25.19	26.1	24.99	30	Pass
		6	0	21.12	22.02	20.84	24.22	25.12	23.94	30	Pass
	16QAM	1	0	21.28	21.68	21.05	24.38	24.78	24.15	30	Pass
		1	2	21.26	21.57	21.14	24.36	24.67	24.24	30	Pass
		1	5	21.25	21.55	21.06	24.35	24.65	24.16	30	Pass
		3	0	21.31	22.03	20.82	24.41	25.13	23.92	30	Pass
		3	2	21.35	21.99	20.82	24.45	25.09	23.92	30	Pass
		3	3	21.25	22.02	20.72	24.35	25.12	23.82	30	Pass
		6	0	20.08	21.05	19.92	23.18	24.15	23.02	30	Pass
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	**Limit**	**Verdict**
				20000	20175	20350	20000	20175	20350		
10MHz	QPSK	1	0	22.06	23.01	21.88	25.16	26.11	24.98	30	Pass
		1	2	21.97	23.04	21.86	25.07	26.14	24.96	30	Pass
		1	5	22.04	23.04	21.86	25.14	26.14	24.96	30	Pass
		3	0	22.03	23.07	21.84	25.13	26.17	24.94	30	Pass
		3	2	22.11	22.97	22	25.21	26.07	25.1	30	Pass
		3	3	22.04	22.99	21.93	25.14	26.09	25.03	30	Pass
		6	0	21.06	22.01	20.8	24.16	25.11	23.9	30	Pass
	16QAM	1	0	21.27	21.64	21.08	24.37	24.74	24.18	30	Pass
		1	2	21.25	21.55	21.15	24.35	24.65	24.25	30	Pass
		1	5	21.23	21.54	21.05	24.33	24.64	24.15	30	Pass
		3	0	21.33	22.05	20.77	26.6	25.15	23.87	30	Pass
		3	2	21.31	22.01	20.76	24.41	25.11	23.86	30	Pass
		3	3	21.28	22.03	20.74	24.38	25.13	23.84	30	Pass
		6	0	20.07	21.04	19.92	23.17	24.14	23.02	30	Pass
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	**Limit**	**Verdict**
				20025	20175	20325	20025	20175	20325		
15MHz	QPSK	1	0	22.04	23.06	21.94	25.14	26.16	25.04	30	Pass
		1	2	21.94	23.05	21.87	25.04	26.15	24.97	30	Pass

		1	5	22.07	23.03	21.85	25.17	26.13	24.95	30	Pass
		3	0	22.05	22.98	21.84	25.15	26.08	24.94	30	Pass
		3	2	22.04	22.97	21.95	25.14	26.07	25.05	30	Pass
		3	3	22.08	23.03	21.95	25.18	26.13	25.05	30	Pass
		6	0	21.14	22.06	20.83	24.24	25.16	23.93	30	Pass
	16QAM	1	0	21.35	21.61	21.08	24.45	24.71	24.18	30	Pass
		1	2	21.26	21.57	21.16	24.36	24.67	24.26	30	Pass
		1	5	21.21	21.59	21.04	24.31	24.69	24.14	30	Pass
		3	0	21.36	22.04	20.78	24.46	25.14	23.88	30	Pass
		3	2	21.33	21.98	20.79	26.6	25.08	23.89	30	Pass
		3	3	21.25	22.01	20.73	24.35	25.11	23.83	30	Pass
		6	0	20.06	21.03	19.92	23.16	24.13	23.02	30	Pass
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Channel 20050	Channel 20175	Channel 20300	**Limit**	**Verdict**
20MHz	QPSK	1	0	22.1	23.09	21.93	25.2	26.19	25.03	30	Pass
		1	2	21.94	23.08	21.88	25.04	26.18	24.98	30	Pass
		1	5	22.07	23.08	21.9	25.17	26.18	25	30	Pass
		3	0	22.11	23.06	21.86	25.21	26.16	24.96	30	Pass
		3	2	22.11	23.02	22	25.21	26.12	25.1	30	Pass
		3	3	22.08	23	21.99	25.18	26.1	25.09	30	Pass
		6	0	21.04	22.03	20.85	24.14	25.13	23.95	30	Pass
	16QAM	1	0	21.32	21.68	21.12	24.42	24.78	24.22	30	Pass
		1	2	21.21	21.49	21.06	24.31	24.59	24.16	30	Pass
		1	5	21.23	21.61	21.04	24.33	24.71	24.14	30	Pass
		3	0	21.35	22.08	20.74	24.45	25.18	23.84	30	Pass
		3	2	21.31	22	20.77	24.41	25.1	23.87	30	Pass
		3	3	21.32	21.96	20.78	24.42	25.06	23.88	30	Pass
		6	0	20.1	21.09	19.88	23.2	24.19	22.98	30	Pass

Note1: EIRP=Conducted Power+Antenna Gain
Antenna Gain=3.1dBi

2. Peak-Average Ratio& Bandwidth& Band Edge Compliance& Band Edge Compliance

2.1 99% & 26dB Bandwidth

Test Band: 4 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0826	1.0823	1.0832	N/A	PASS
16QAM	6	0	0.91033	0.90956	1.0831	N/A	PASS

Test Band: 4 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.244	1.231	1.244	N/A	PASS
16QAM	6	0	1.072	1.081	1.244	N/A	PASS

Test Band: 4 _ 3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0809	1.0833	1.0834	N/A	PASS
16QAM	6	0	0.91003	0.91017	1.0834	N/A	PASS

Test Band: 4 _ 3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.24	1.238	1.242	N/A	PASS
16QAM	6	0	1.080	1.077	1.238	N/A	PASS

Test Band: 4 _ 5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0861	1.0789	1.0847	N/A	PASS
16QAM	6	0	0.91232	0.91019	1.0848	N/A	PASS

Test Band: 4 _ 5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.267	1.241	1.255	N/A	PASS
16QAM	6	0	1.098	1.087	1.250	N/A	PASS

Test Band: 4 _ 10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0826	1.0857	1.0816	N/A	PASS
16QAM	6	0	0.91093	0.91063	1.0815	N/A	PASS

Test Band: 4 _ 10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.249	1.255	1.238	N/A	PASS
16QAM	6	0	1.129	1.135	1.243	N/A	PASS

Test Band: 4 _ 15MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0882	1.0814	1.0886	N/A	PASS
16QAM	6	0	0.91334	0.91187	1.0887	N/A	PASS

Test Band: 4 _ 15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.274	1.262	1.280	N/A	PASS
16QAM	6	0	1.140	1.130	1.280	N/A	PASS

Test Band: 4 _ 20MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.0871	1.0802	1.0859	N/A	PASS
16QAM	6	0	0.91479	0.91248	1.0857	N/A	PASS

Test Band: 4 _ 20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.273	1.250	1.267	N/A	PASS
16QAM	6	0	1.136	1.129	1.268	N/A	PASS

2.2. Peak-Average Ratio

Test Band: 4 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.75	9.61	9.88	13	PASS
16QAM	6	0	10.31	10.27	9.83	13	PASS

Test Band: 4 _ 3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.87	9.78	9.96	13	PASS
16QAM	6	0	10.28	10.13	10.12	13	PASS

Test Band: 4 _ 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.32	9.31	9.42	13	PASS
16QAM	6	0	9.93	9.58	9.43	13	PASS

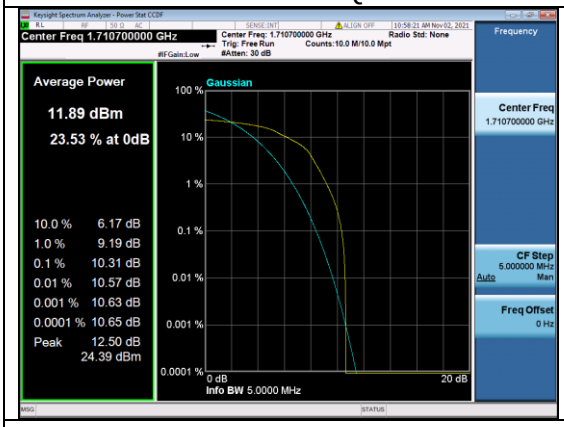
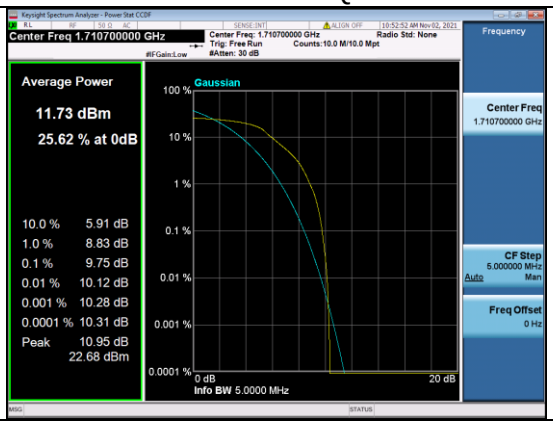
Test Band: 4 _ 10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.55	9.31	9.34	13	PASS
16QAM	6	0	9.31	9.25	9.31	13	PASS

Test Band: 4 _ 15MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.04	8.95	9.06	13	PASS
16QAM	6	0	9.27	9.14	9.02	13	PASS

Test Band: 4 _ 20MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	9.16	9.04	8.96	13	PASS
16QAM	6	0	9.30	9.12	9.13	13	PASS

Test data

1.4M

B4-1.4M-Low CH-PAPR-Q16	B4-1.4M-Low CH-PAPR-QPSK
	
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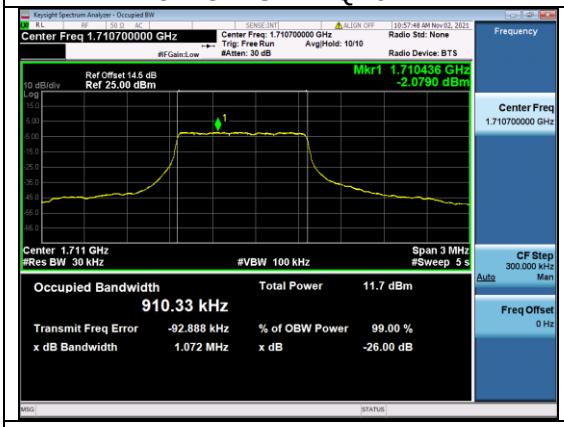	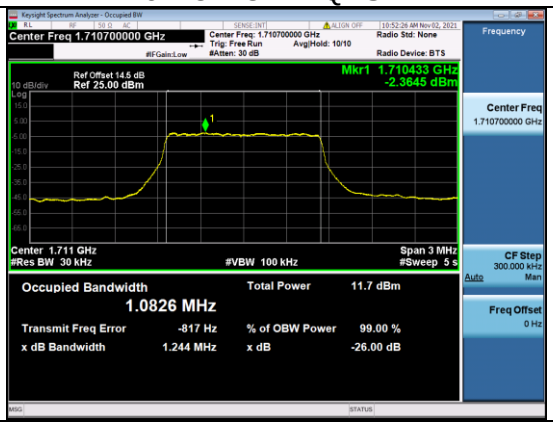
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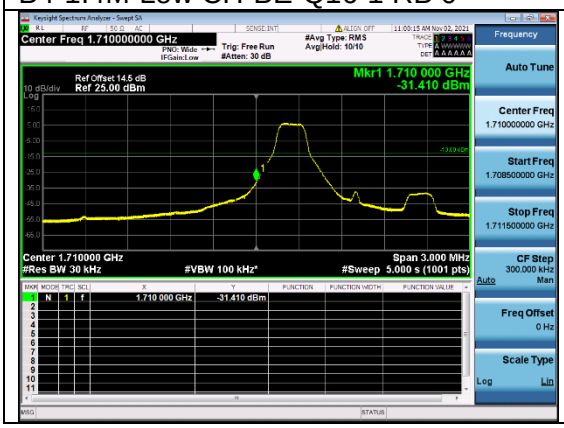
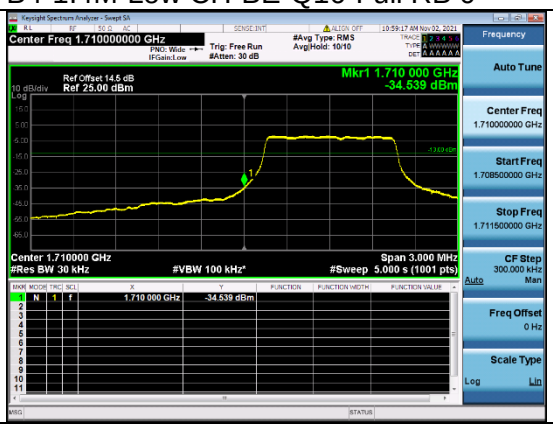
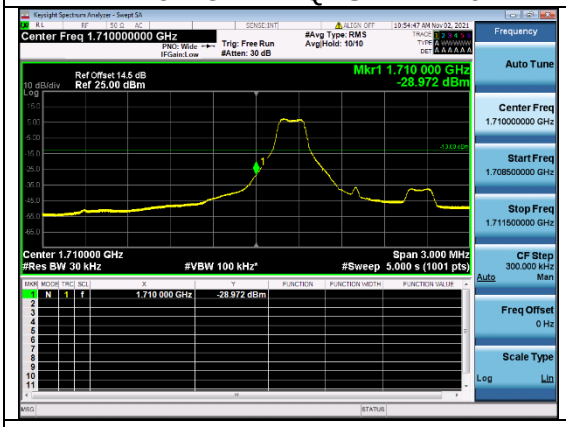
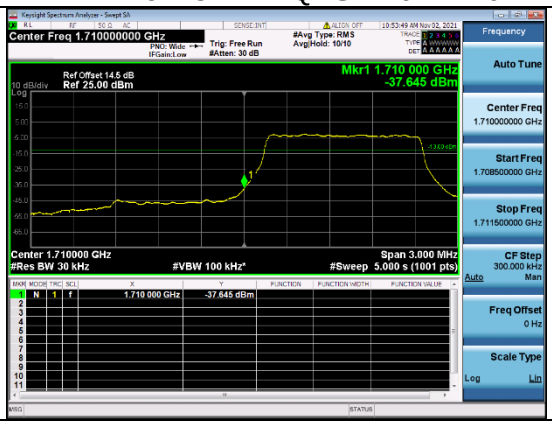
	

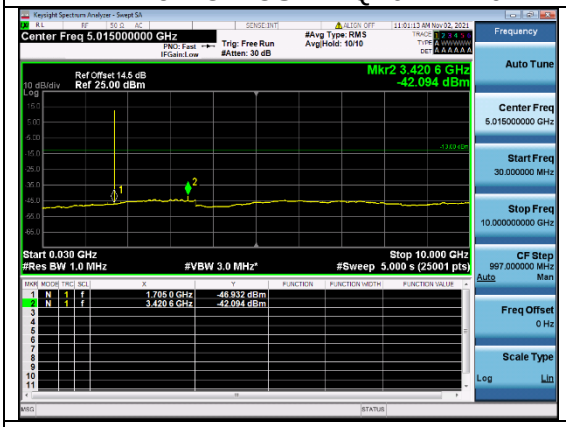
B4-1.4M-Low CH-BE-QPSK-1 RB 0



B4-1.4M-Low CH-BE-QPSK-Full RB 0



B4-1.4M-Low CH-CSE-1-Q16-1 RB 0



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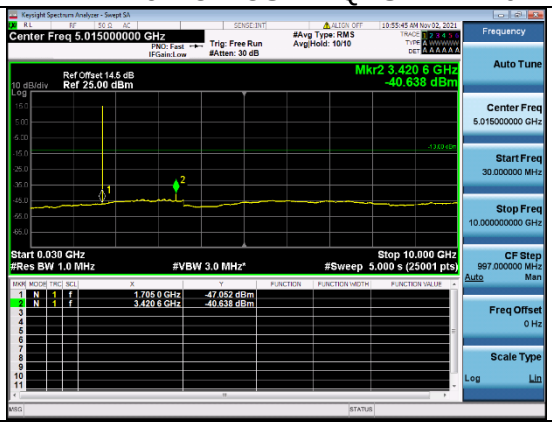

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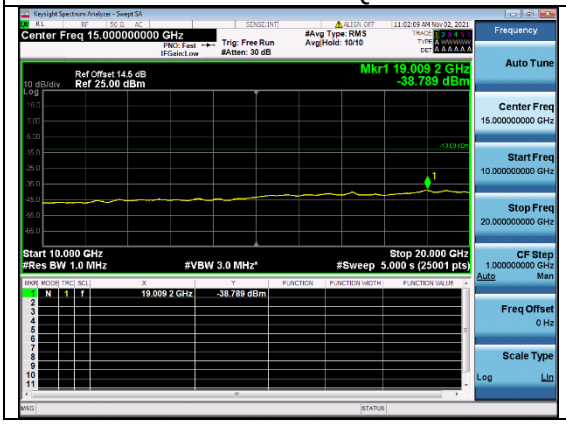
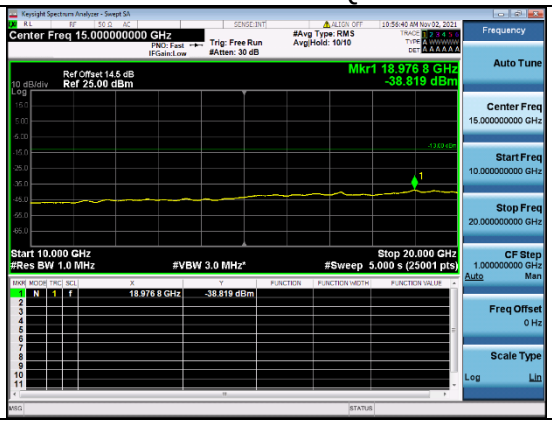


B4-1.4M-Low CH-CSE-2-QPSK-1 RB 0



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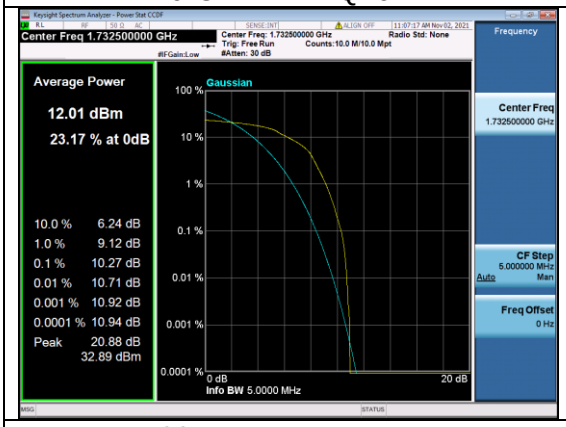
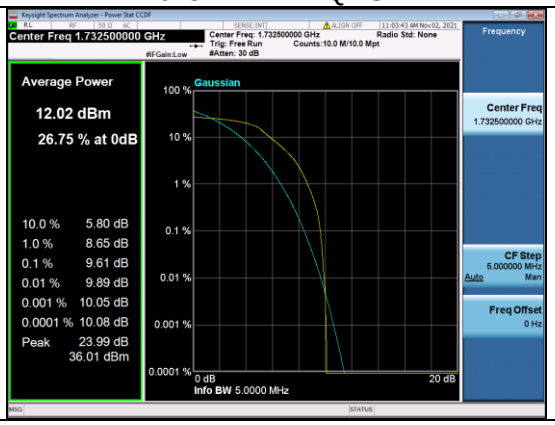
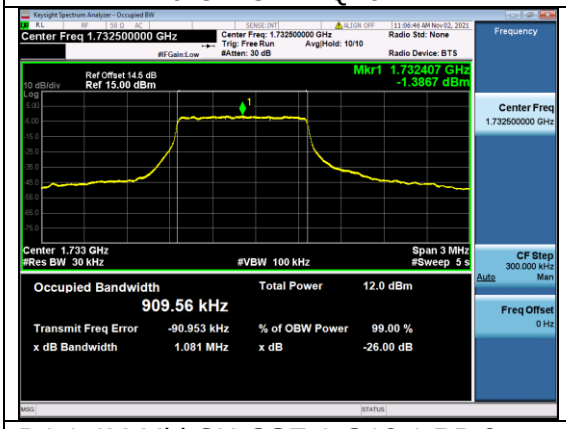


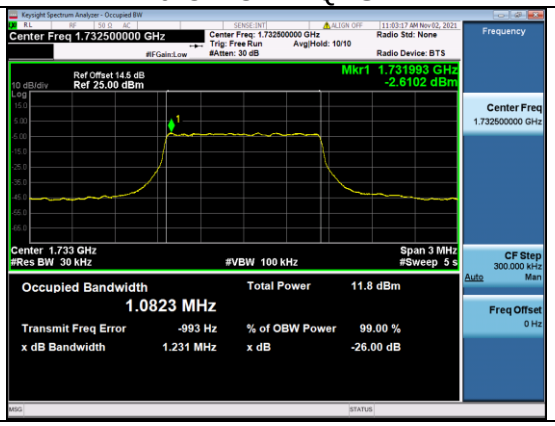
B4-1.4M-Mid CH-PAPR-QPSK



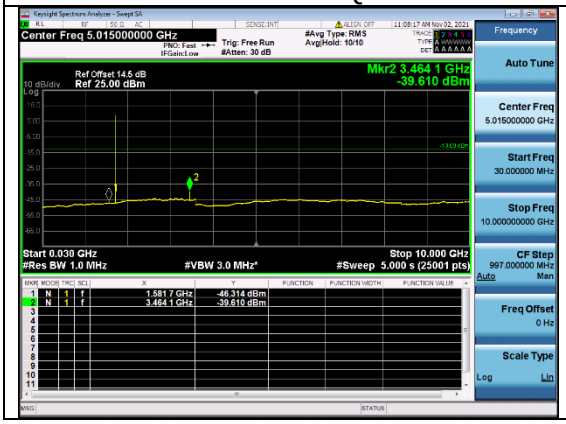
B4-1.4M-Mid CH-OBW-Q16



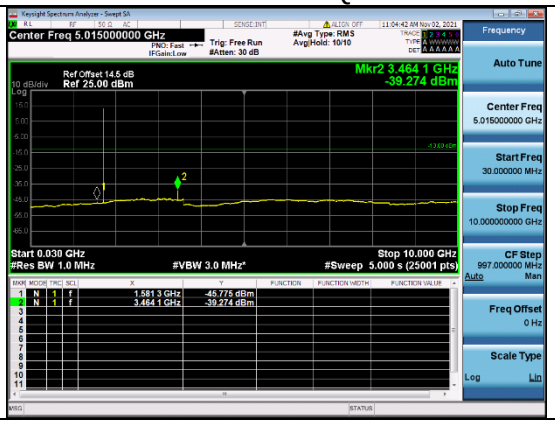
B4-1.4M-Mid CH-OBW-QPSK



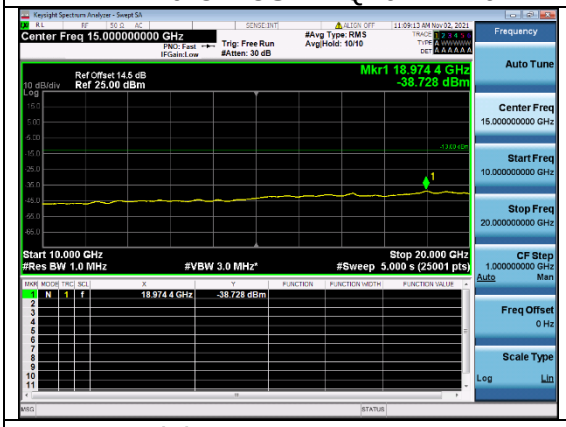
B4-1.4M-Mid CH-CSE-1-Q16-1 RB 0



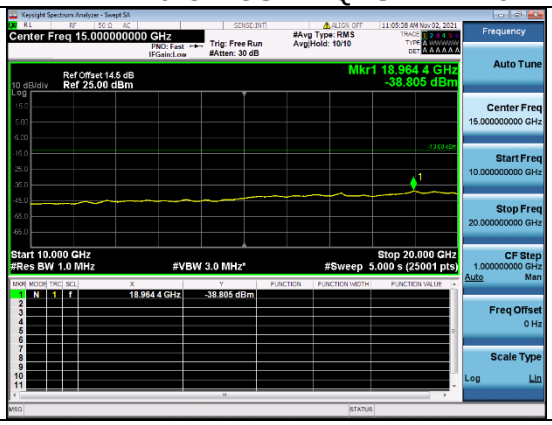
B4-1.4M-Mid CH-CSE-1-QPSK-1 RB 0



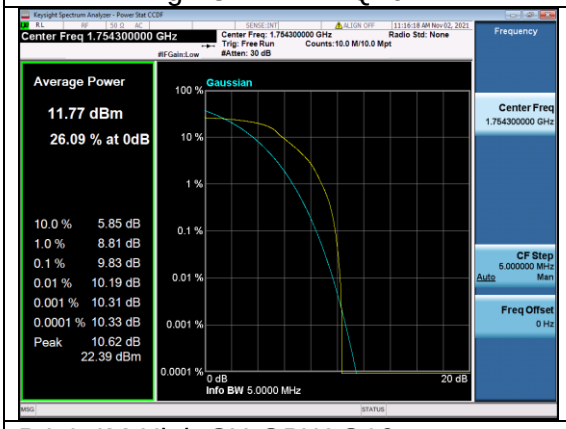
B4-1.4M-Mid CH-CSE-2-Q16-1 RB 0



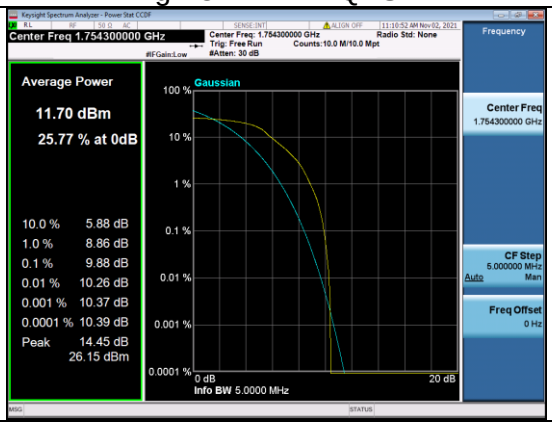
B4-1.4M-Mid CH-CSE-2-QPSK-1 RB 0



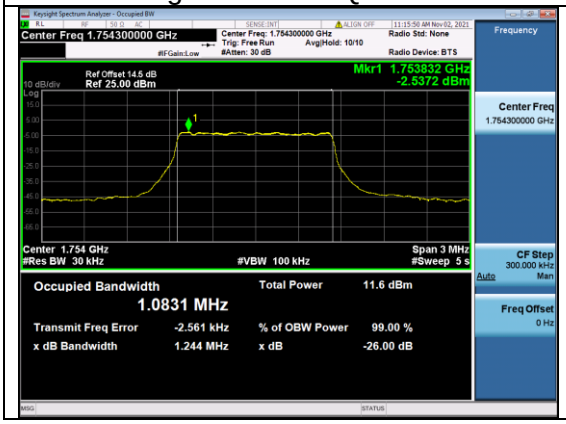
B4-1.4M-High CH-PAPR-Q16



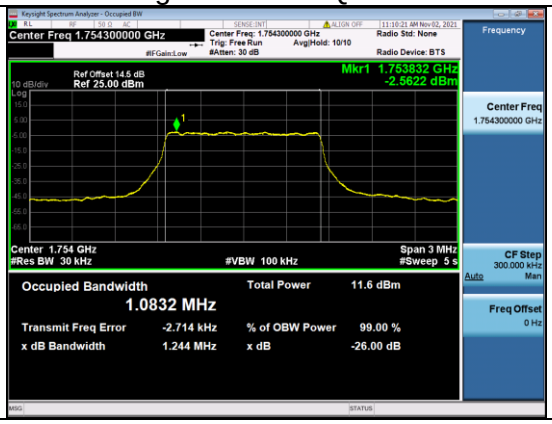
B4-1.4M-High CH-PAPR-QPSK



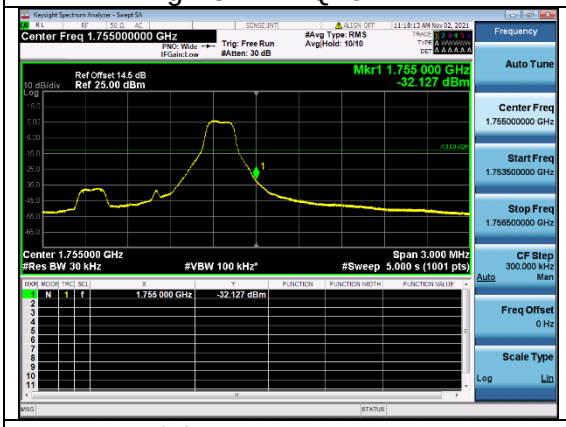
B4-1.4M-High CH-OBW-Q16



B4-1.4M-High CH-OBW-QPSK

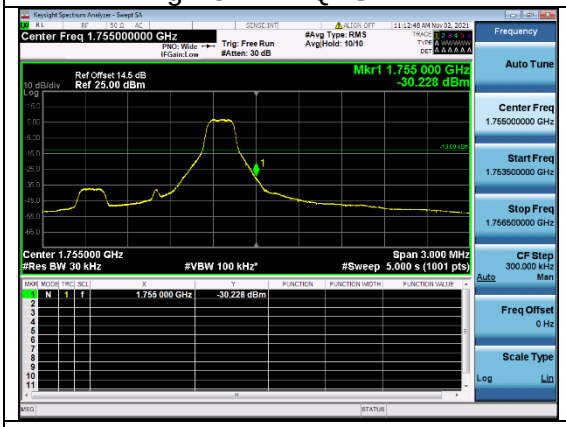


B4-1.4M-High CH-BE-Q16-1 RB MAX



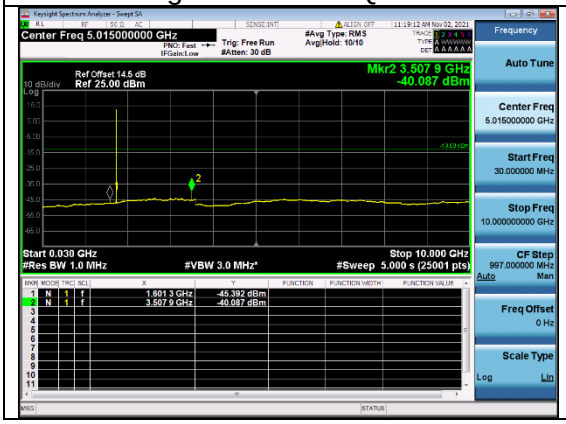
B4-1.4M-High CH-BE-Q16-Full RB 0

B4-1.4M-High CH-BE-QPSK-1 RB MAX

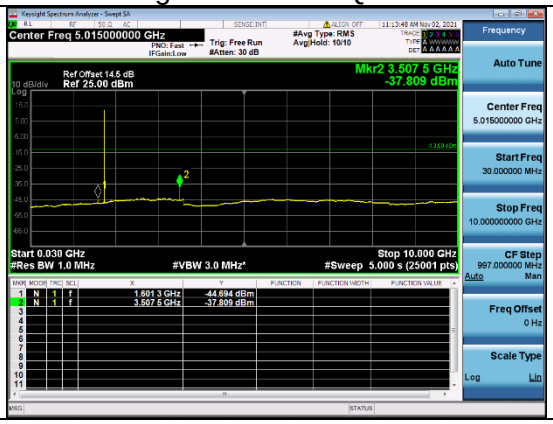


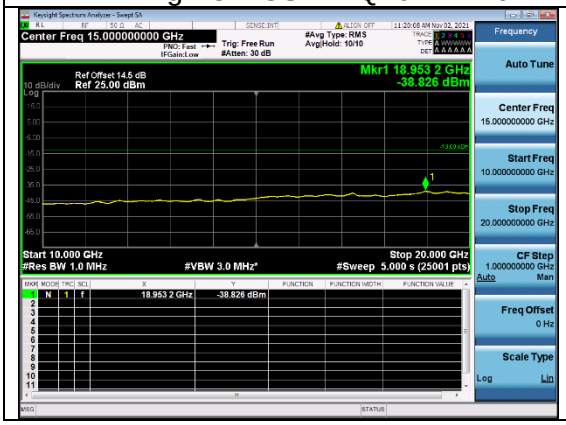
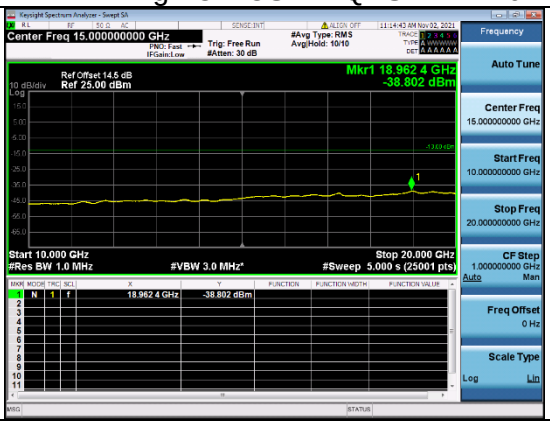
B4-1.4M-High CH-BE-QPSK-Full RB 0

B4-1.4M-High CH-CSE-1-Q16-1 RB 0

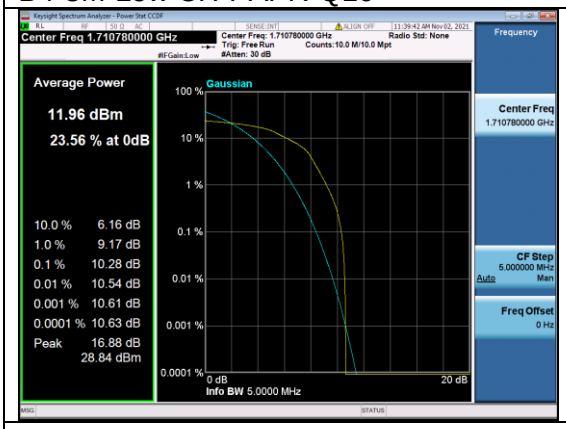
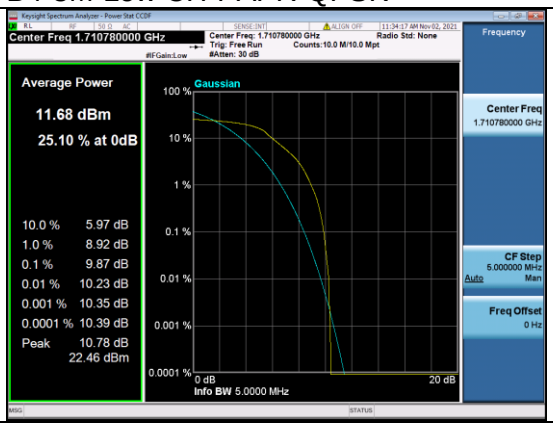
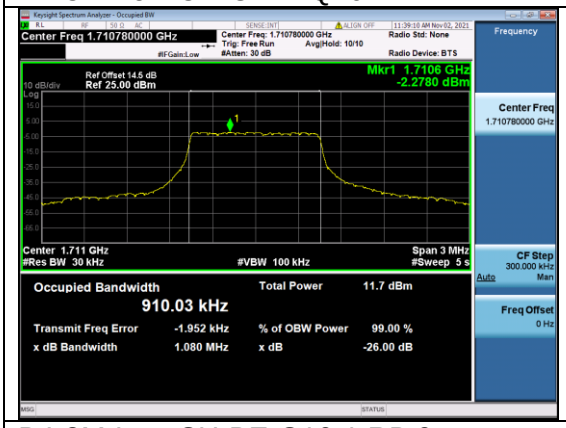
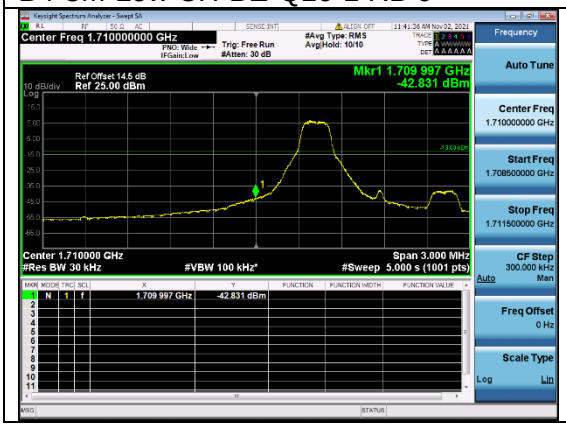
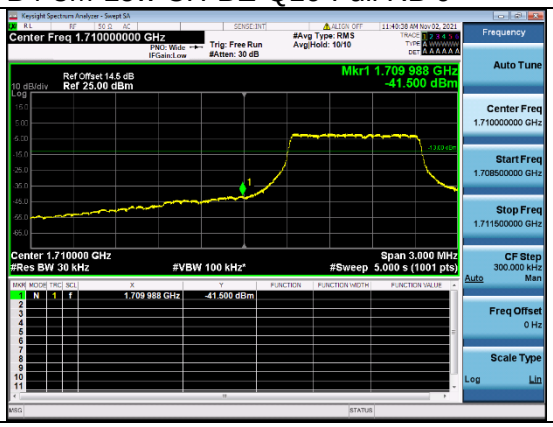


B4-1.4M-High CH-CSE-1-QPSK-1 RB 0

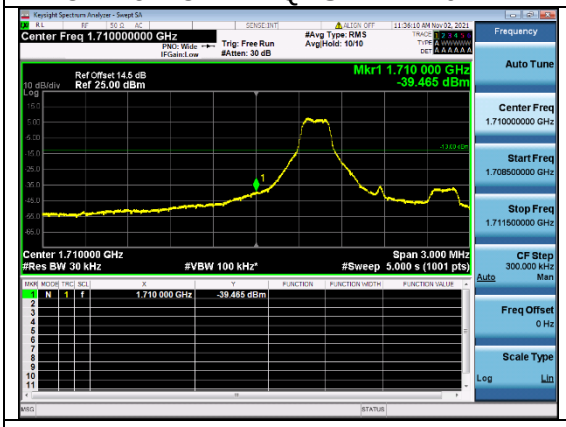


B4-1.4M-High CH-CSE-2-Q16-1 RB 0	B4-1.4M-High CH-CSE-2-QPSK-1 RB 0
	

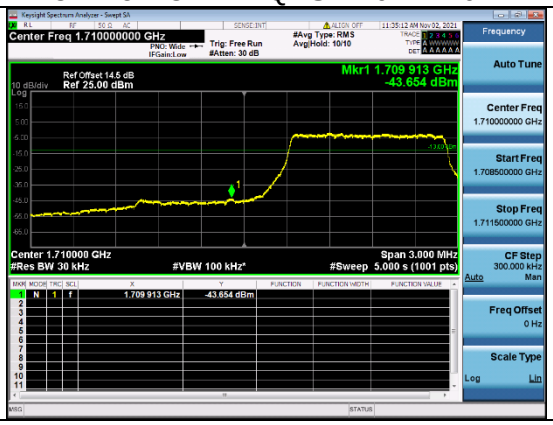
3M

B4-3M-Low CH-PAPR-Q16	B4-3M-Low CH-PAPR-QPSK
	
B4-3M-Low CH-OBW-Q16	B4-3M-Low CH-OBW-QPSK
	
B4-3M-Low CH-BE-Q16-1 RB 0	B4-3M-Low CH-BE-Q16-Full RB 0
	

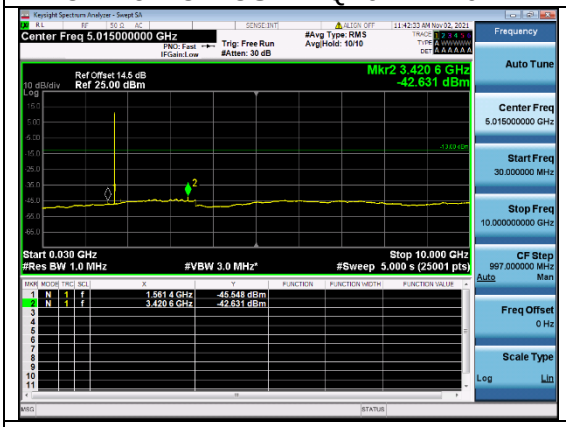
B4-3M-Low CH-BE-QPSK-1 RB 0



B4-3M-Low CH-BE-QPSK-Full RB 0

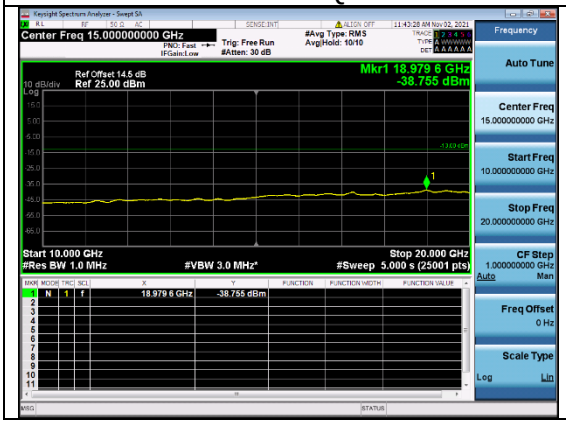


B4-3M-Low CH-CSE-1-Q16-1 RB 0

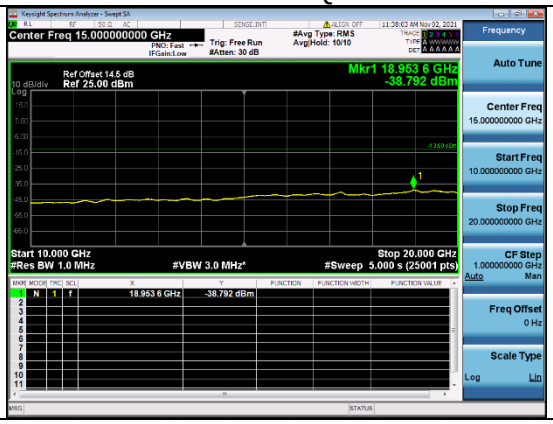


B4-3M-Low CH-CSE-1-QPSK-1 RB 0

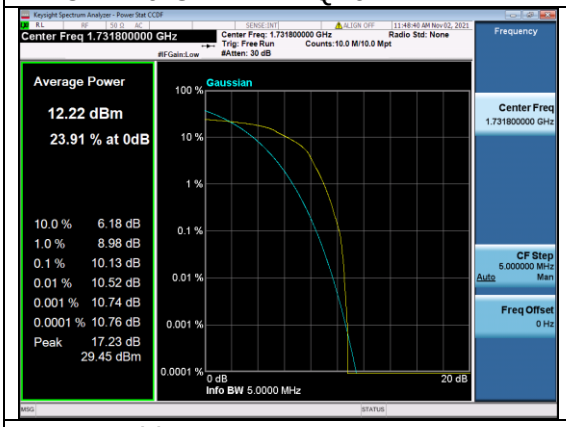
B4-3M-Low CH-CSE-2-Q16-1 RB 0



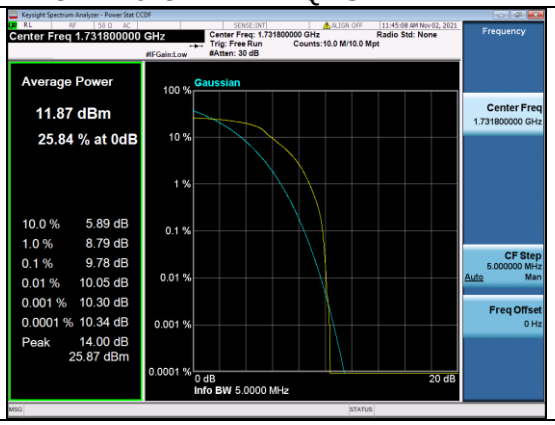
B4-3M-Low CH-CSE-2-QPSK-1 RB 0



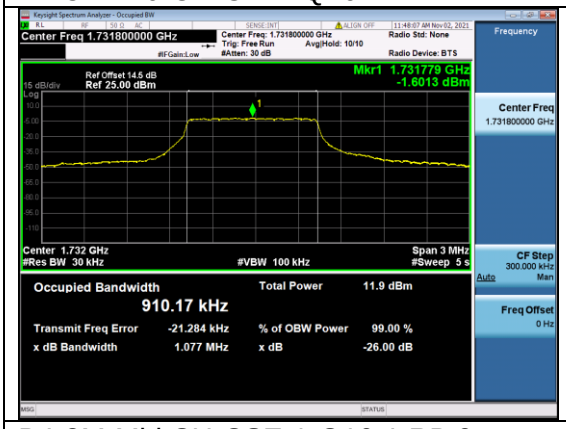
B4-3M-Mid CH-PAPR-Q16



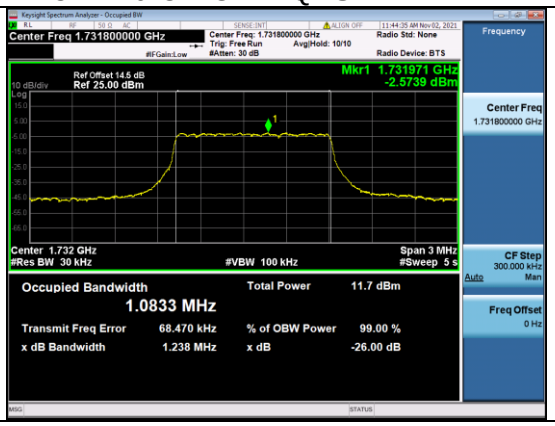
B4-3M-Mid CH-PAPR-QPSK



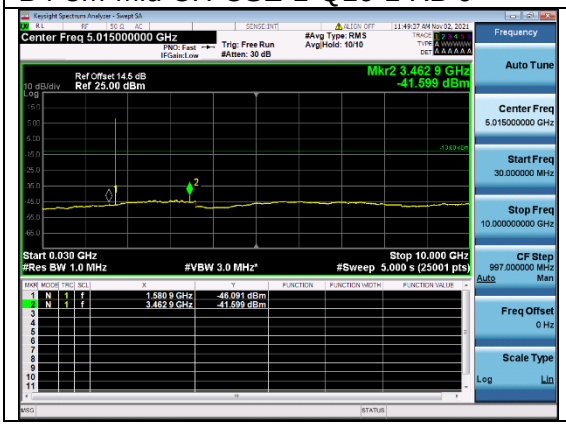
B4-3M-Mid CH-OBW-Q16



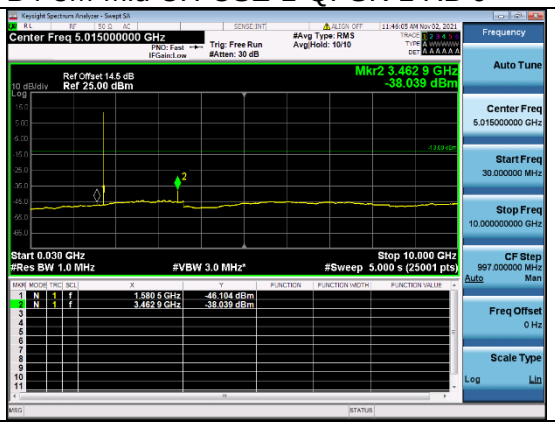
B4-3M-Mid CH-OBW-QPSK



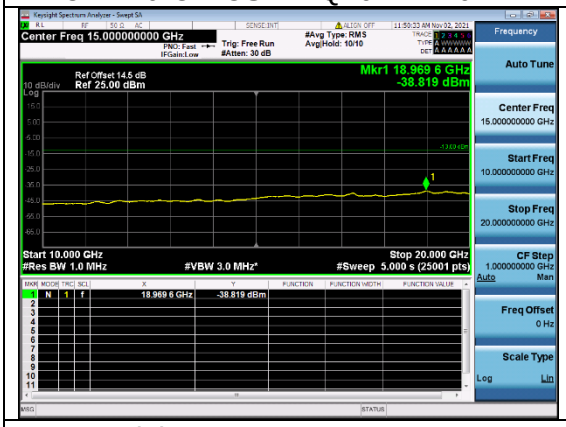
B4-3M-Mid CH-CSE-1-Q16-1 RB 0



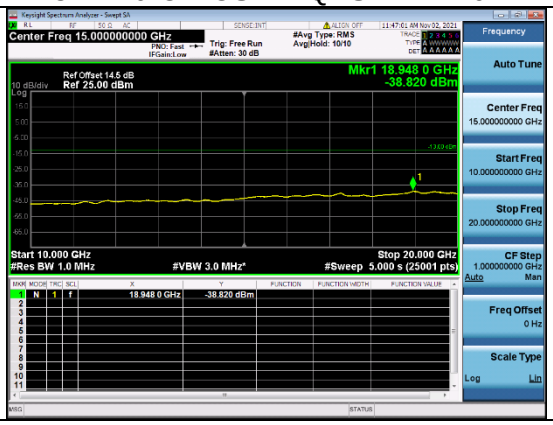
B4-3M-Mid CH-CSE-1-QPSK-1 RB 0



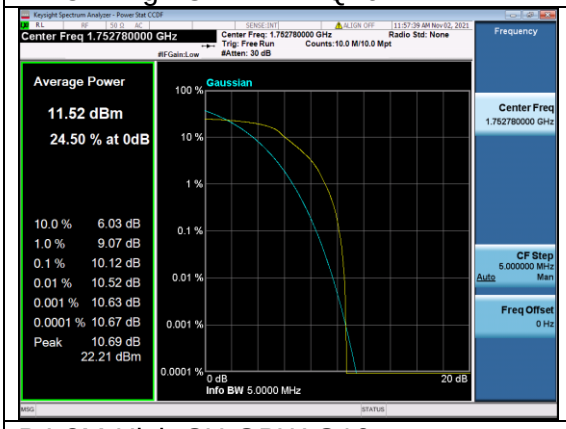
B4-3M-Mid CH-CSE-2-Q16-1 RB 0



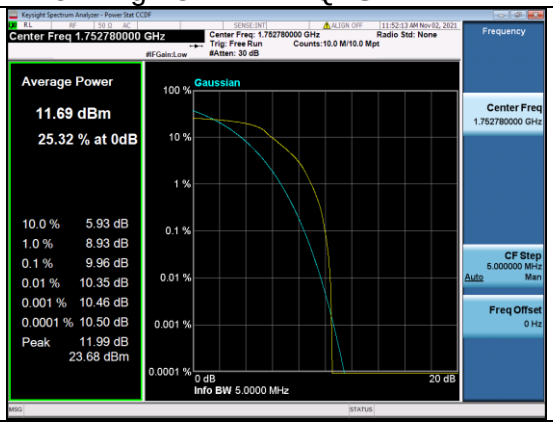
B4-3M-Mid CH-CSE-2-QPSK-1 RB 0



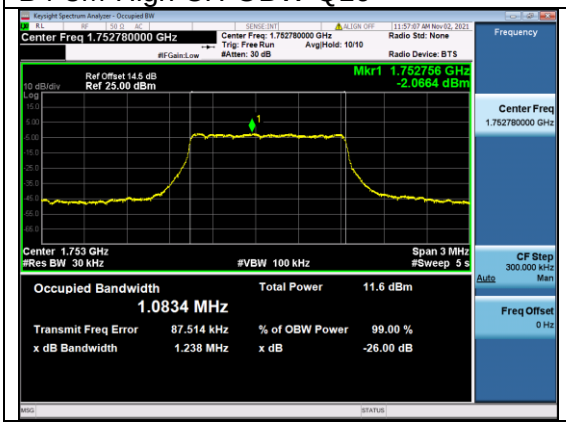
B4-3M-High CH-PAPR-Q16



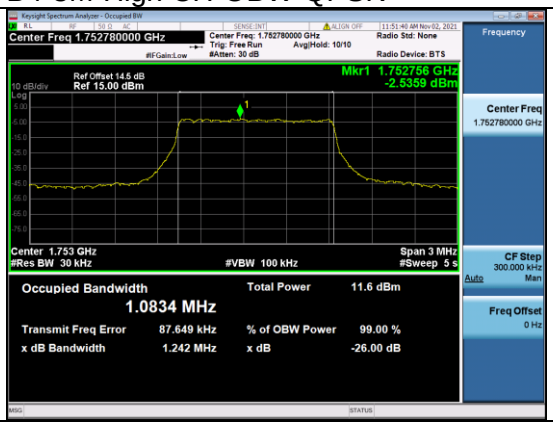
B4-3M-High CH-PAPR-QPSK



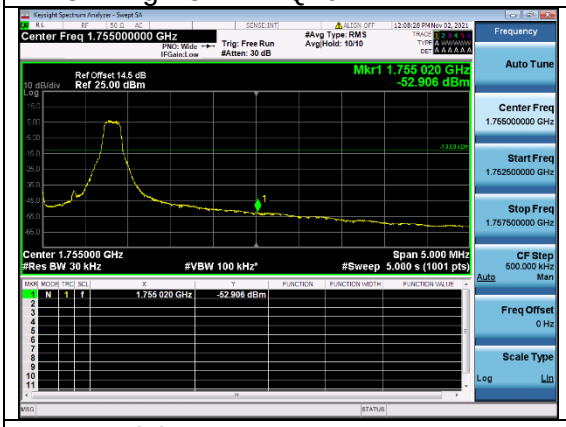
B4-3M-High CH-OBW-Q16



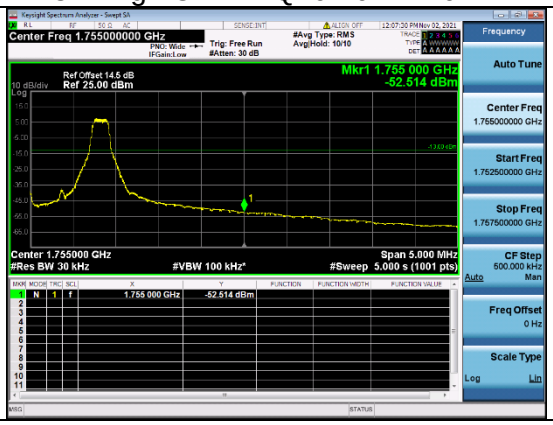
B4-3M-High CH-OBW-QPSK



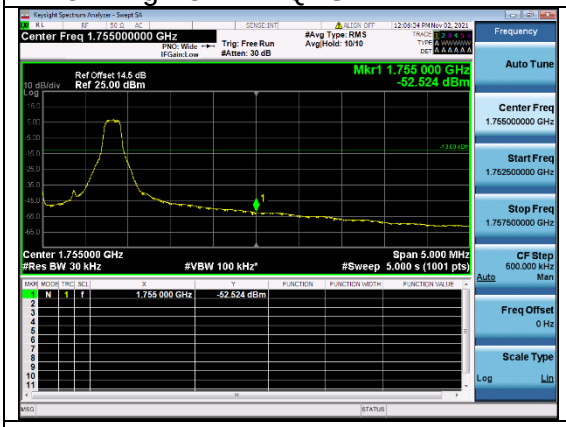
B4-3M-High CH-BE-Q16-1 RB MAX



B4-3M-High CH-BE-Q16-Full RB 0

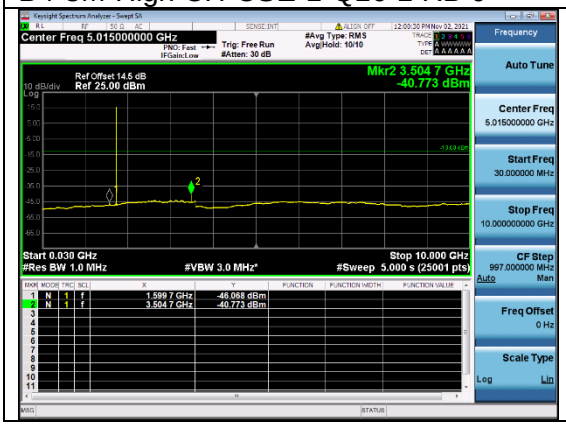


B4-3M-High CH-BE-QPSK-1 RB MAX

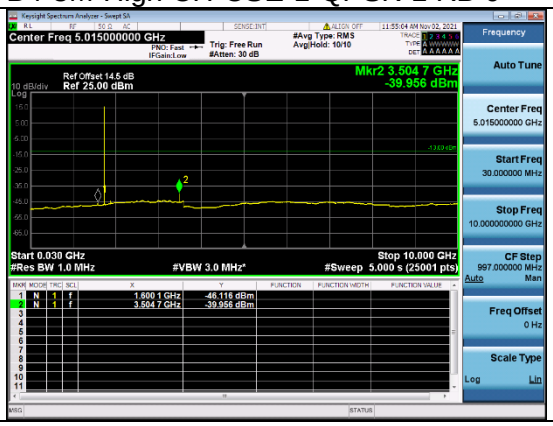


B4-3M-High CH-BE-QPSK-Full RB 0

B4-3M-High CH-CSE-1-Q16-1 RB 0



B4-3M-High CH-CSE-1-QPSK-1 RB 0



B4-3M-High CH-CSE-2-Q16-1 RB 0	B4-3M-High CH-CSE-2-QPSK-1 RB 0