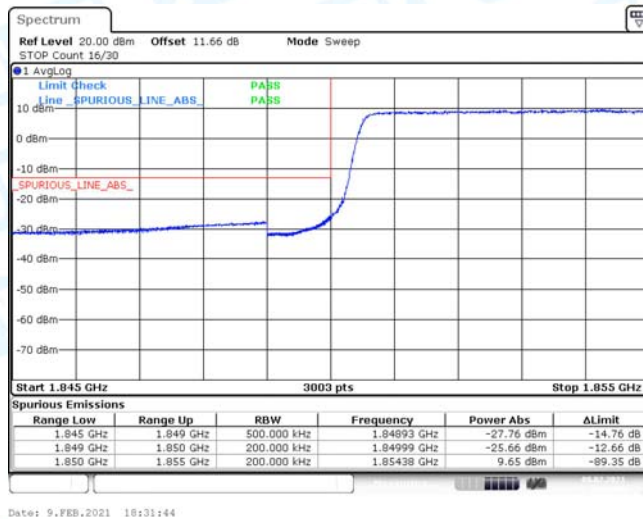


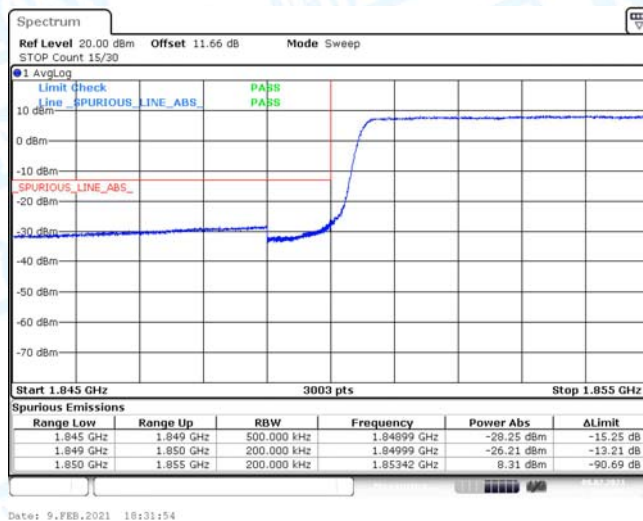
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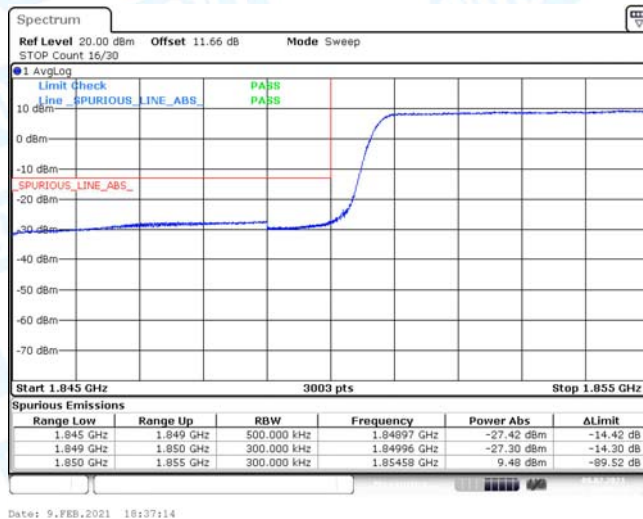
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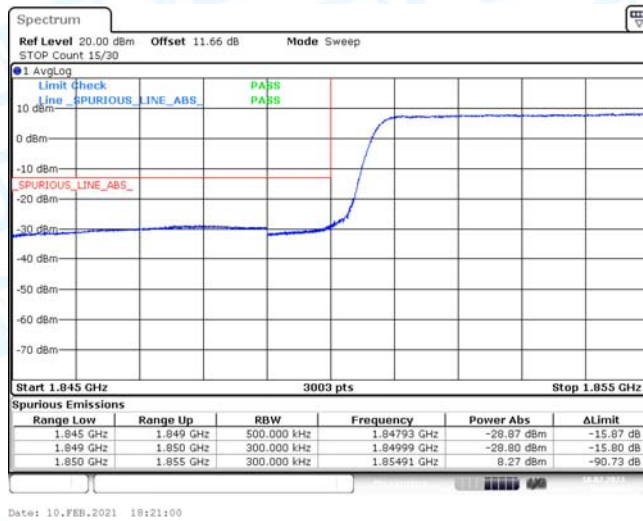
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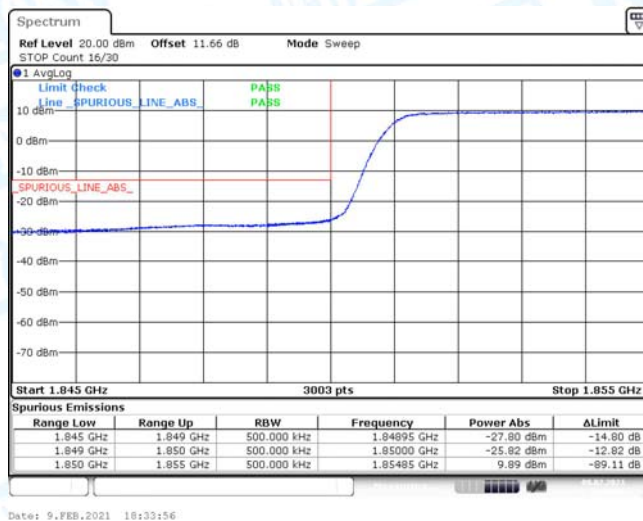
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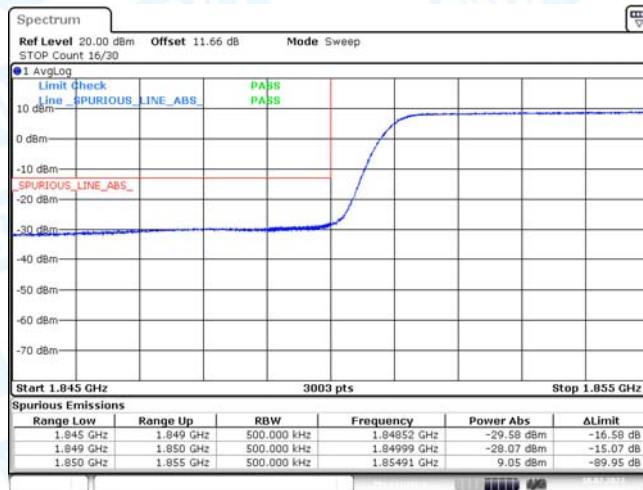


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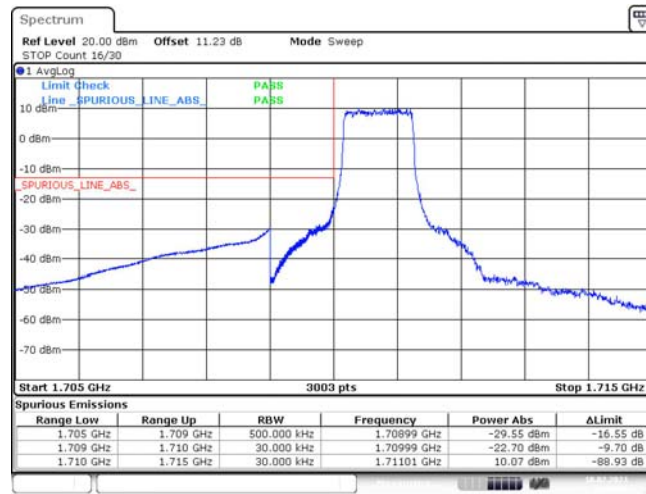
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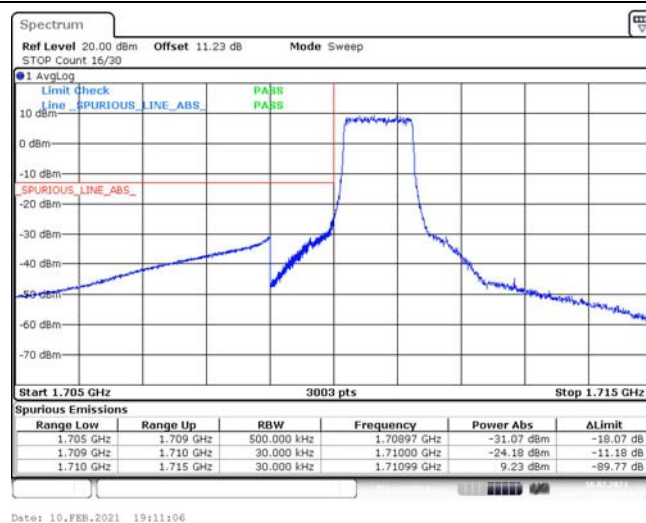
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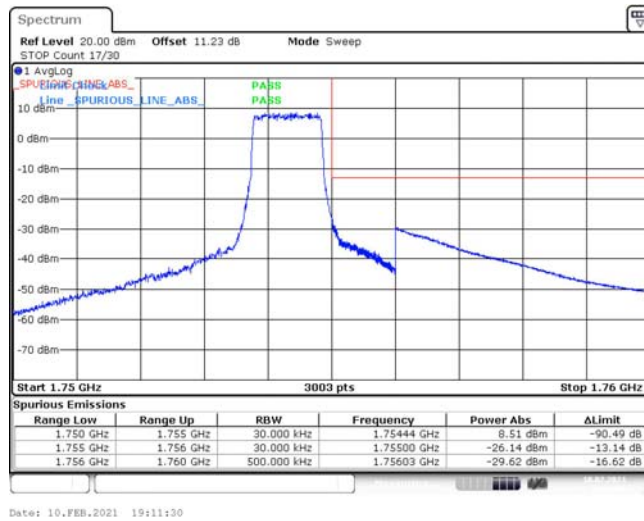
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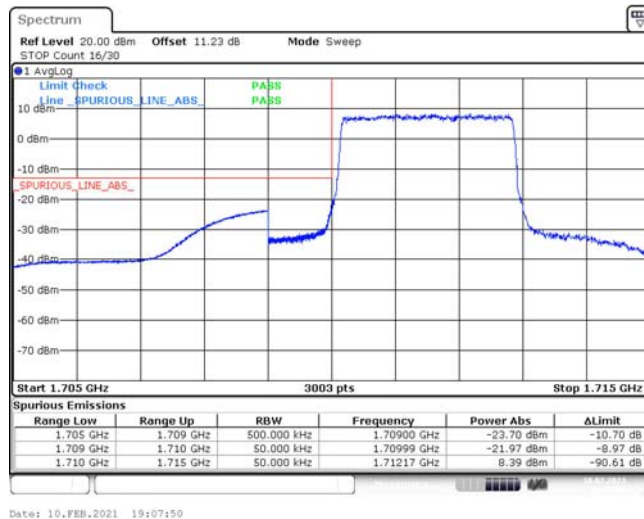
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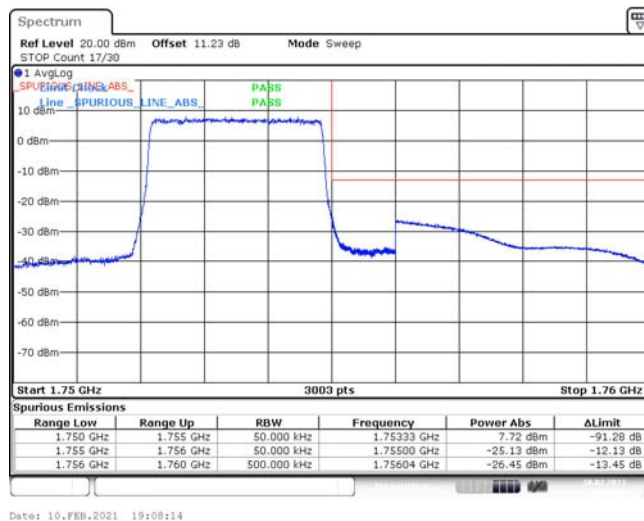
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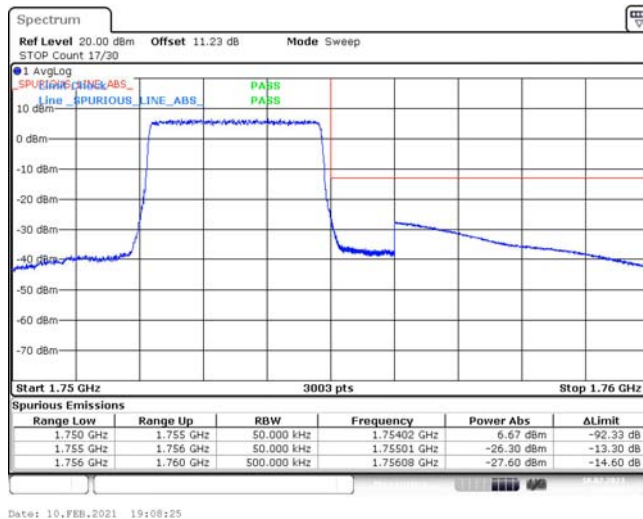
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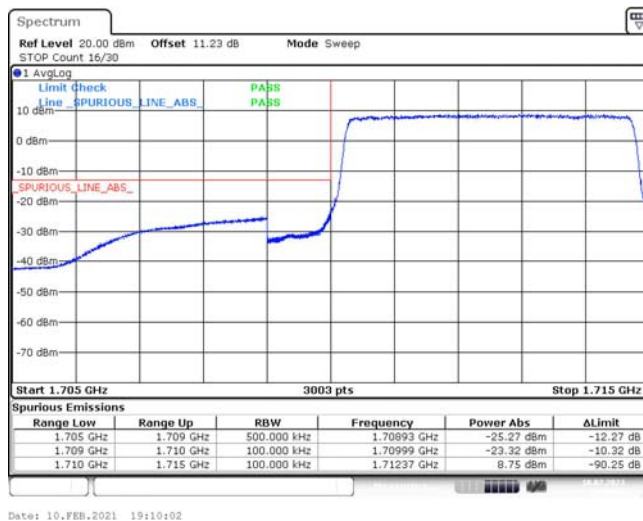
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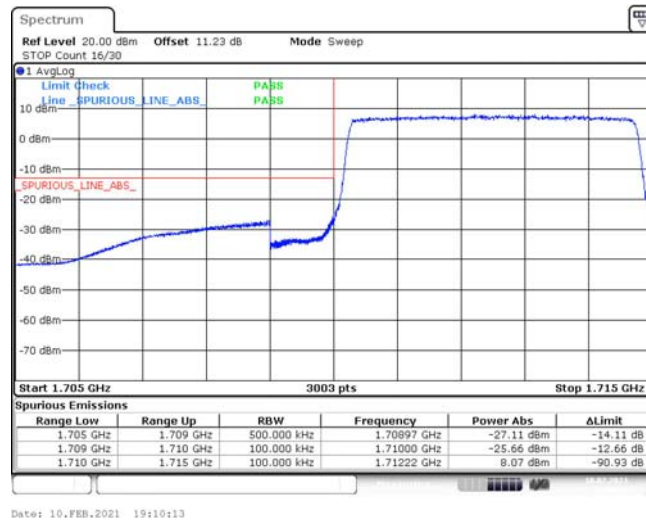
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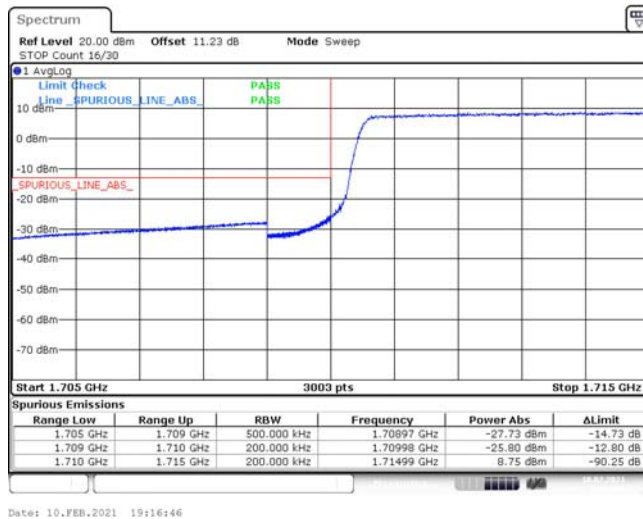
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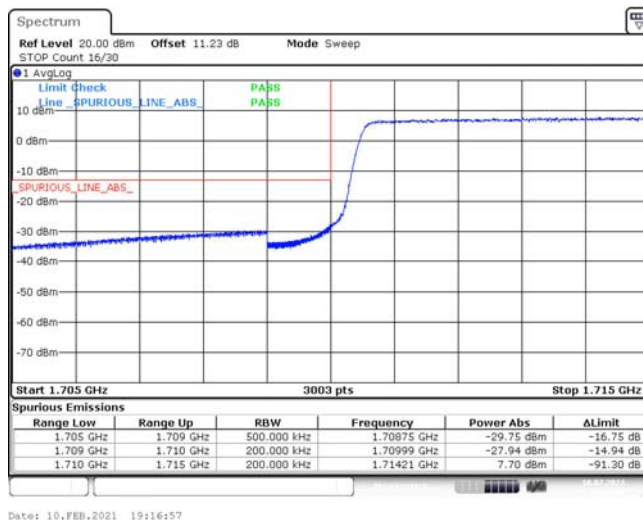
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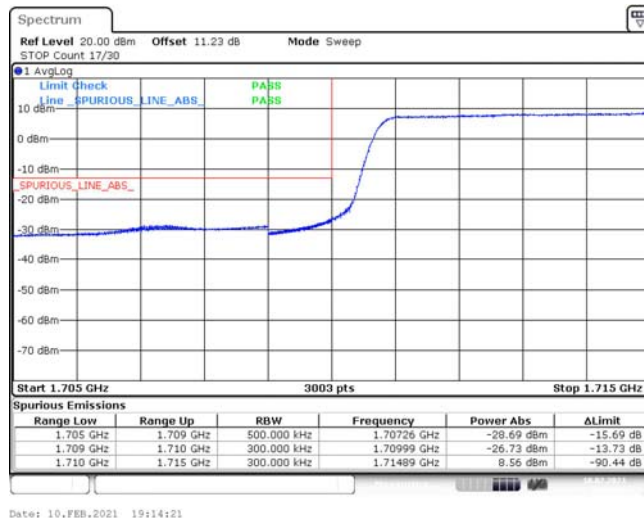
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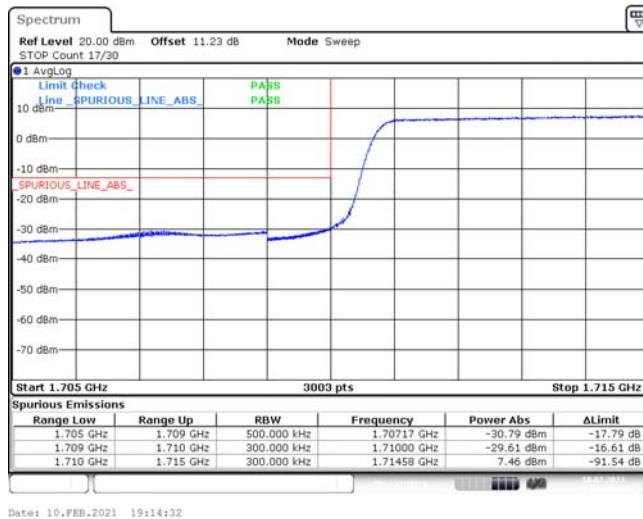
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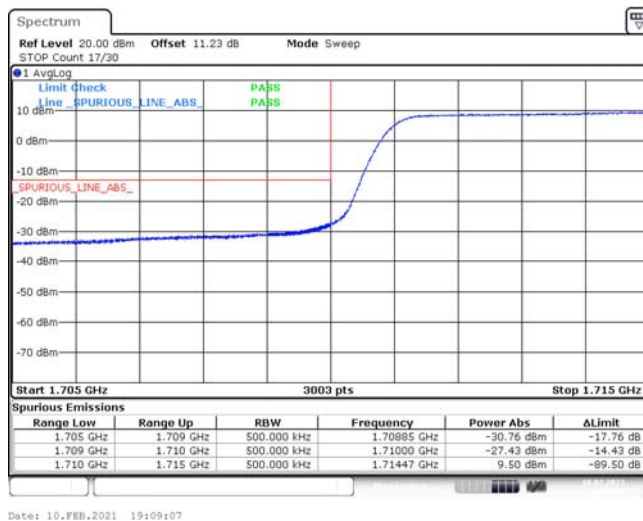
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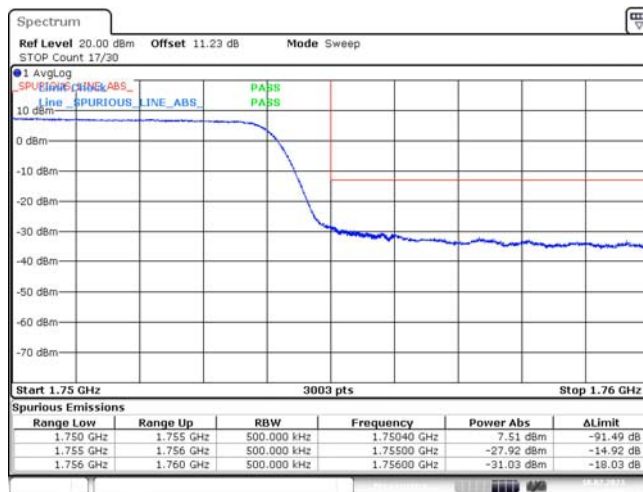
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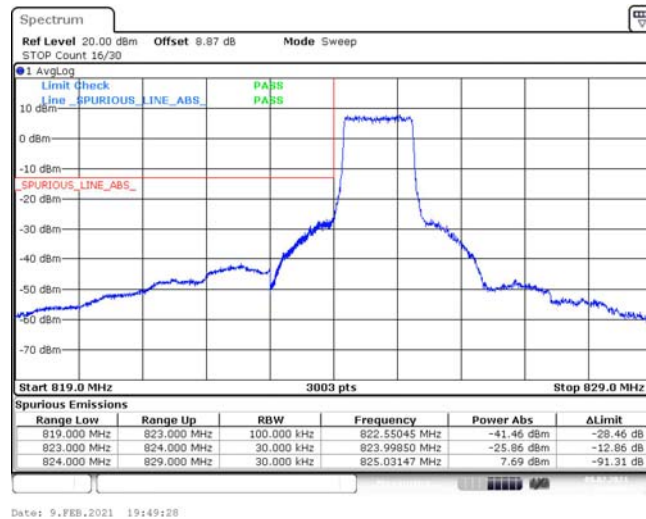
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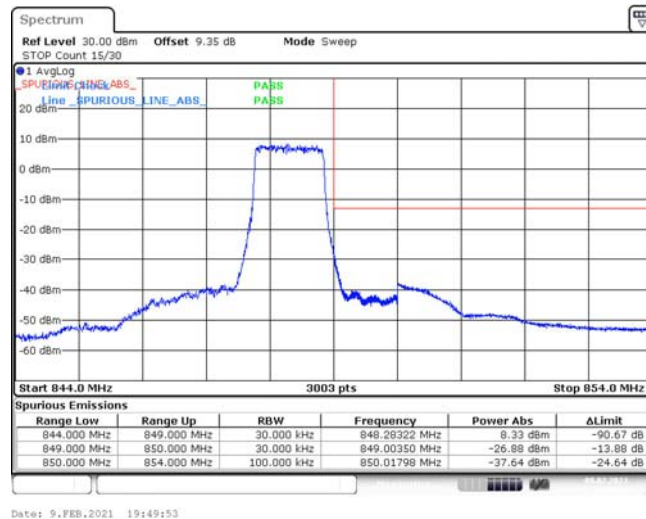


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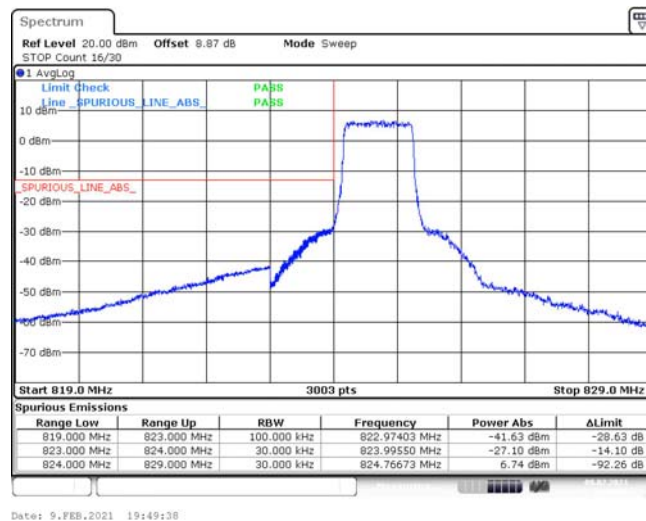
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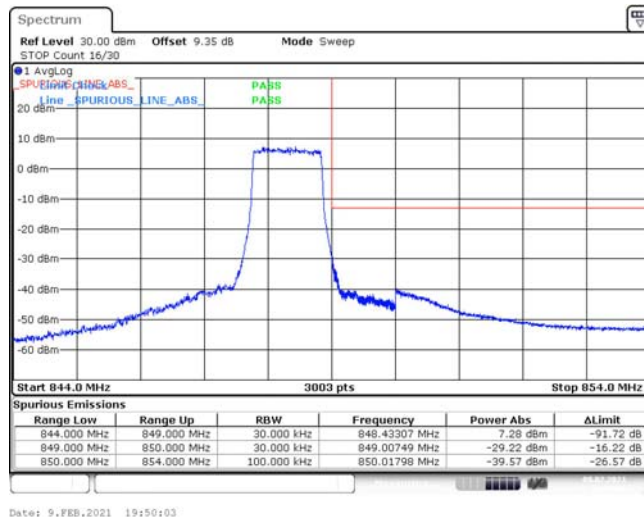
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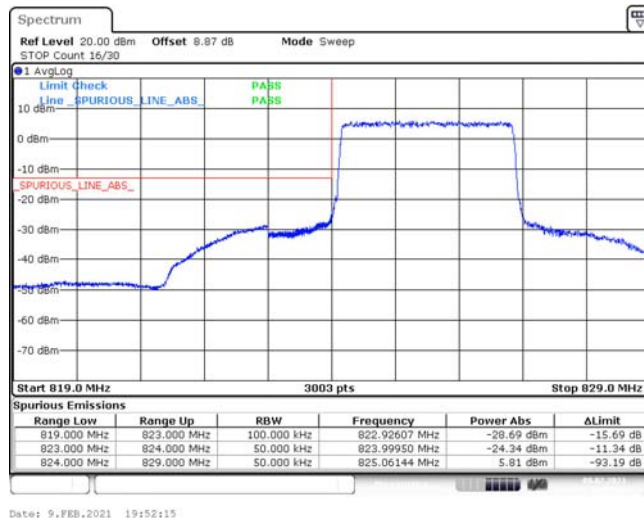
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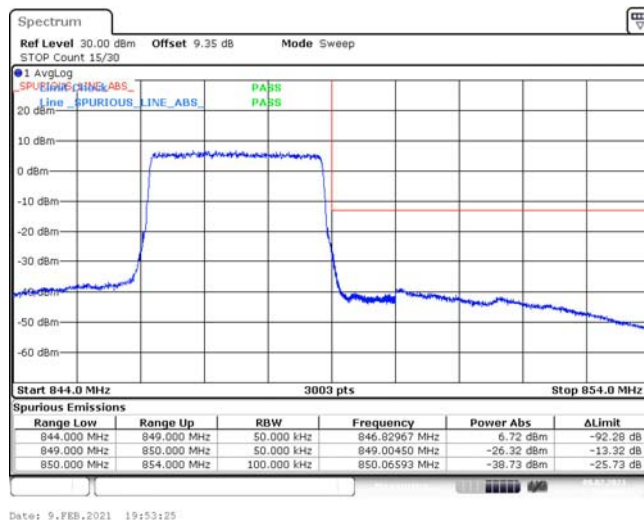
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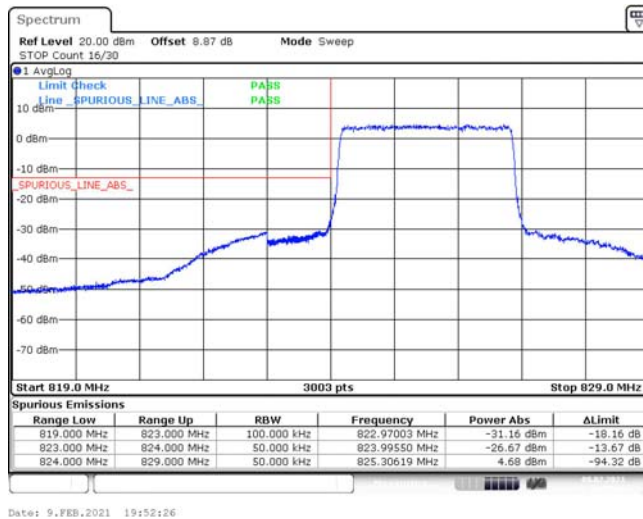
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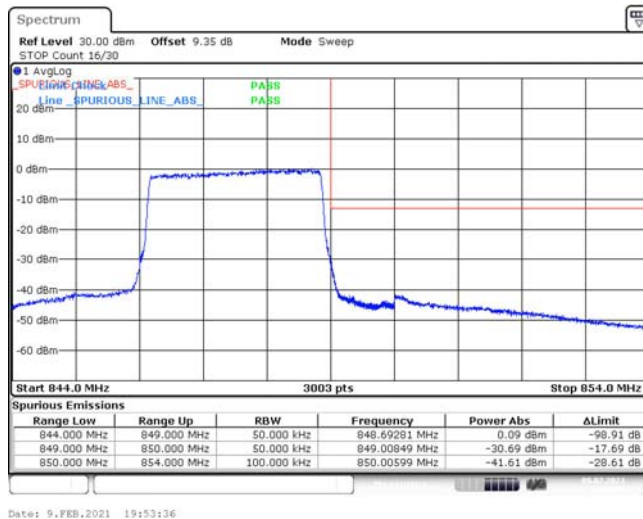
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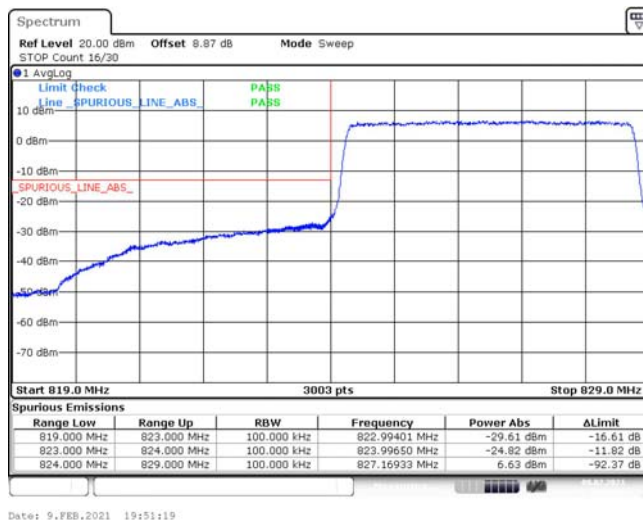
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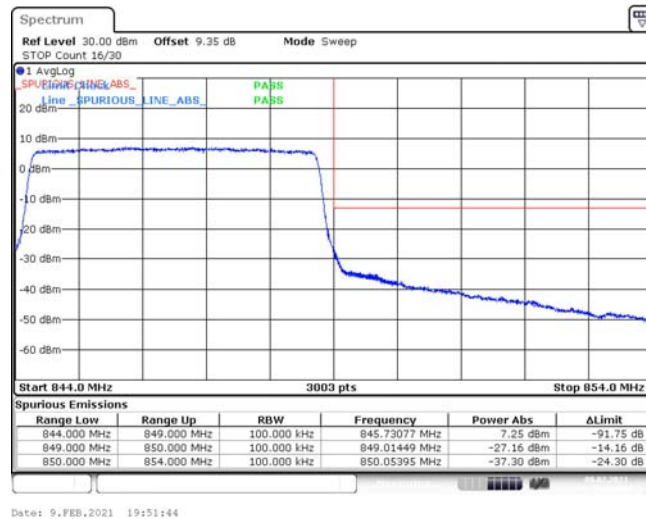
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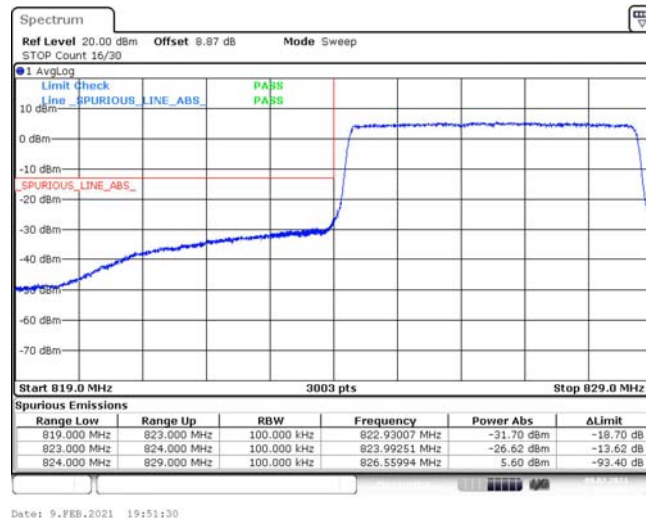
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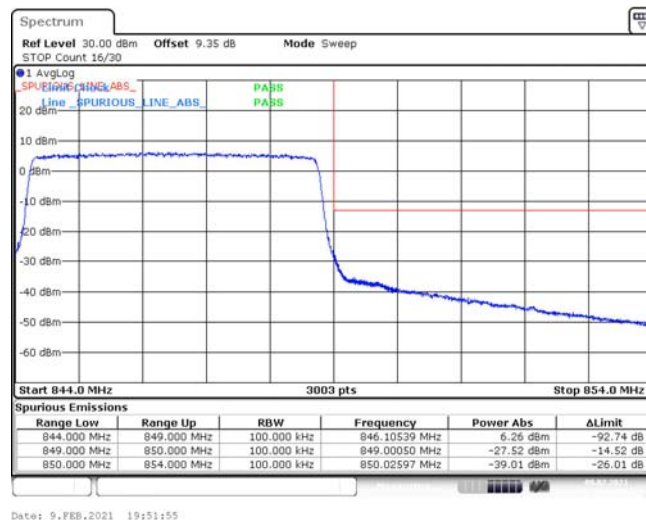
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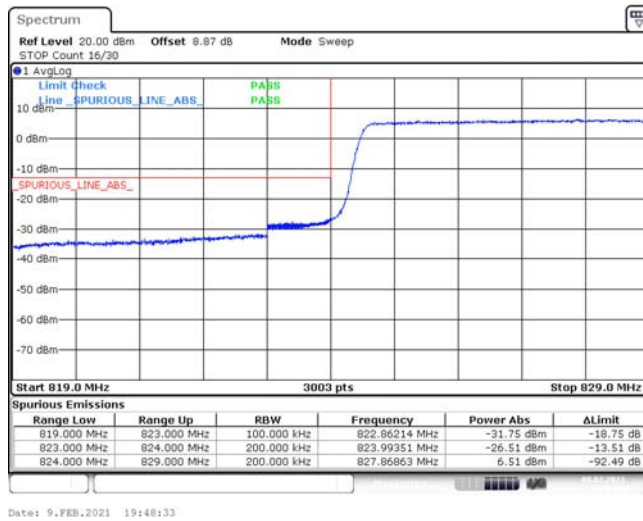
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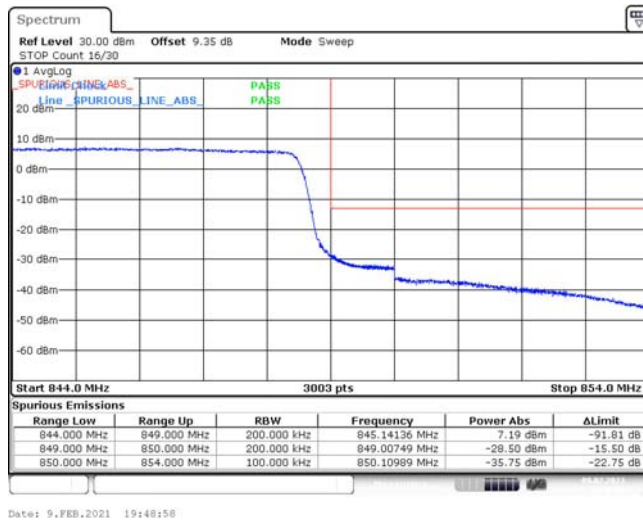
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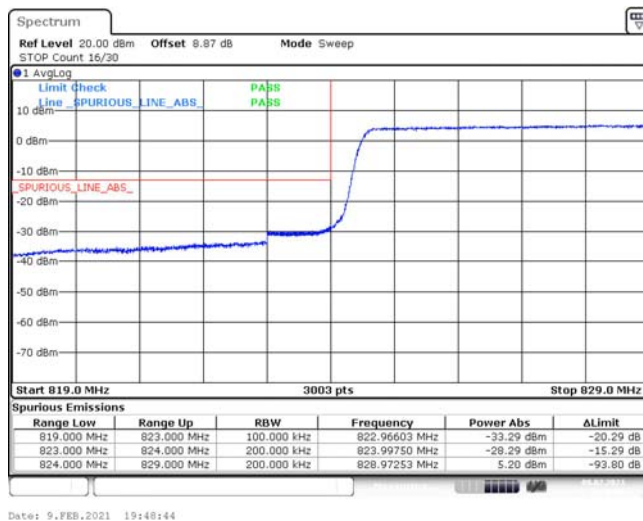
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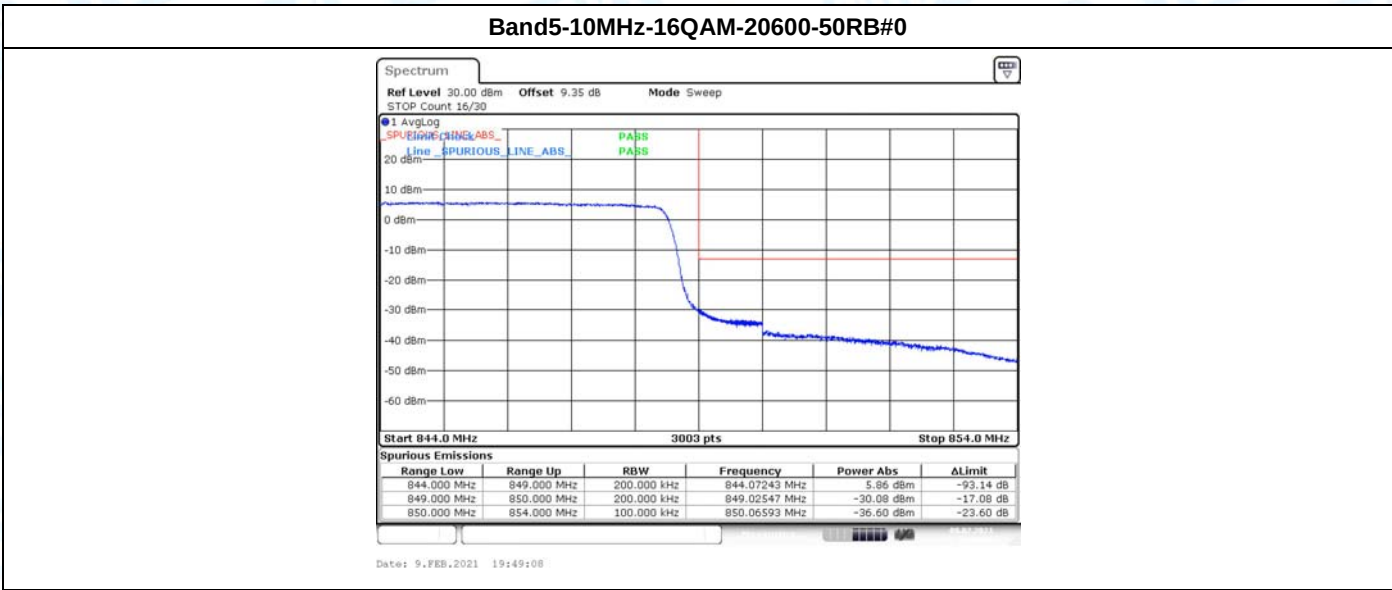


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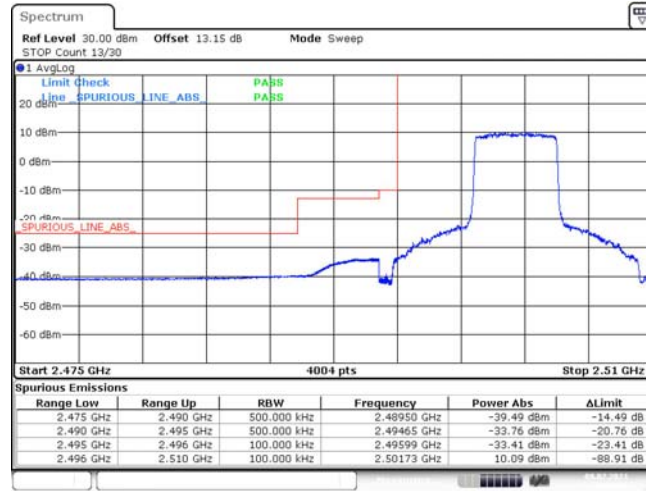


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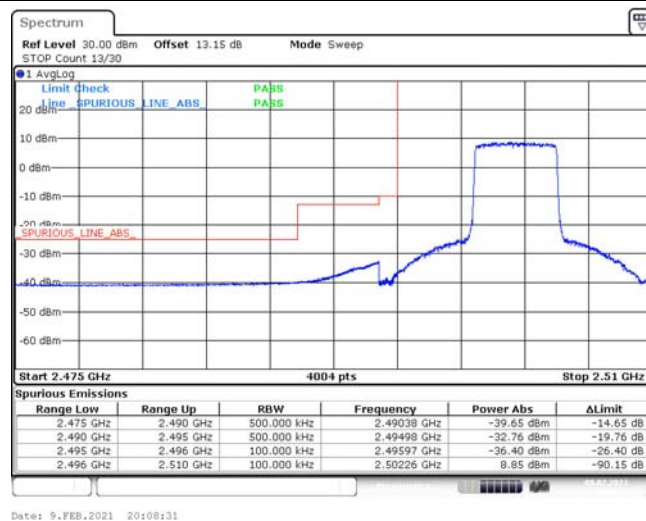
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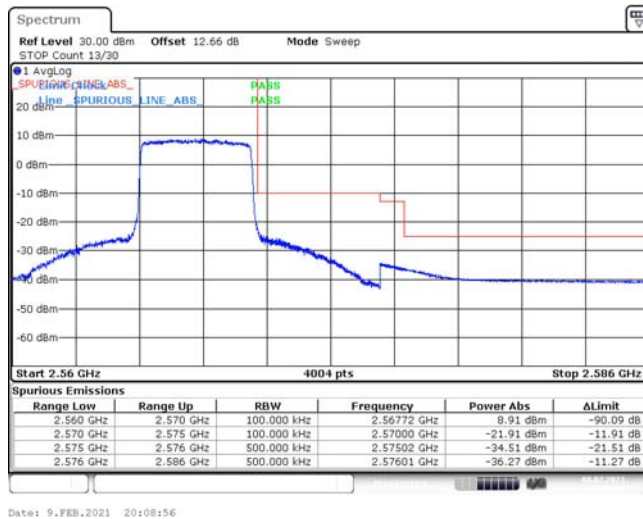
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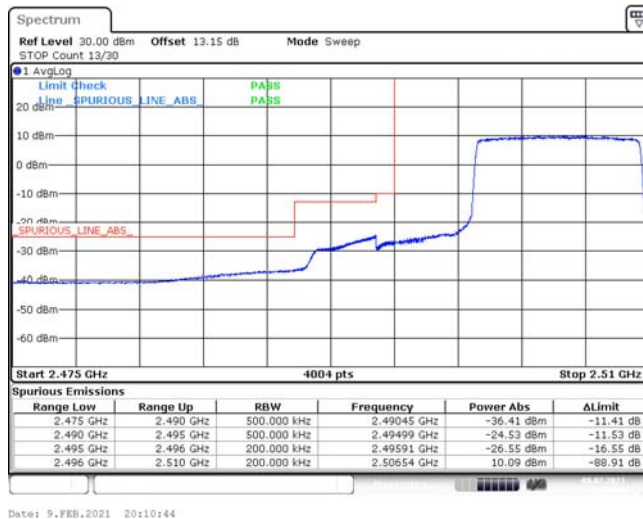
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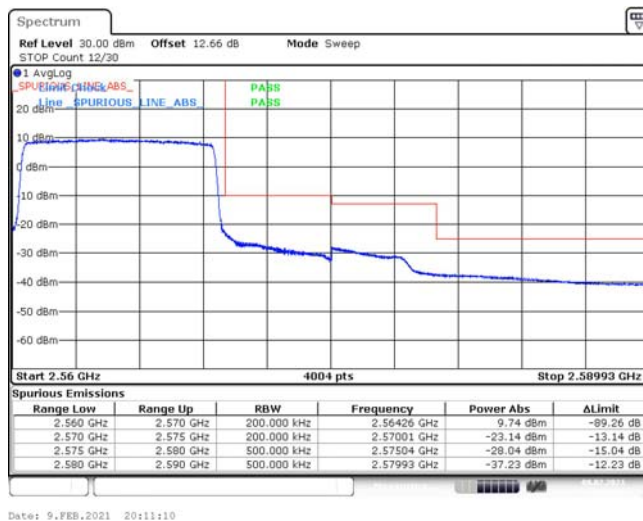
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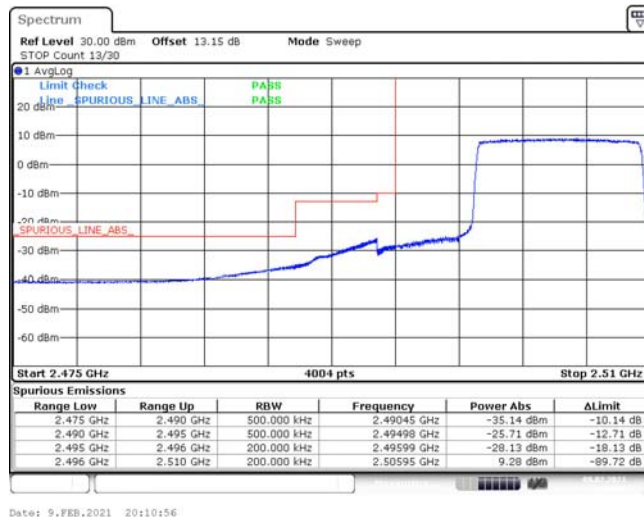
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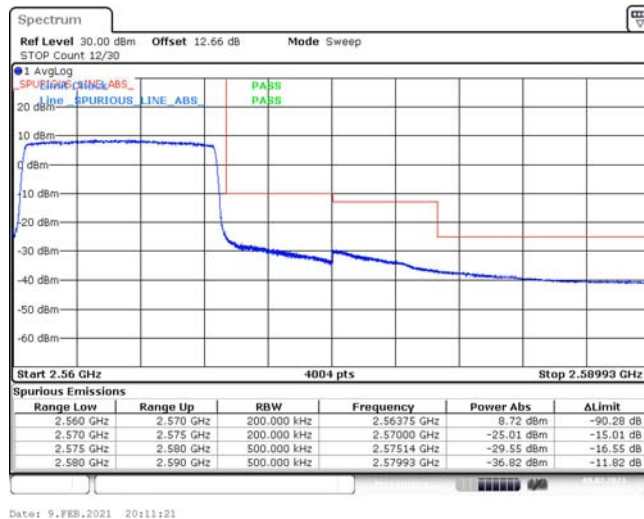
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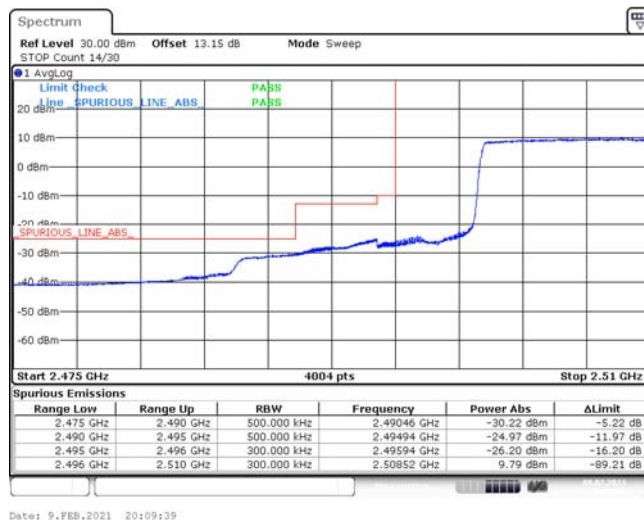
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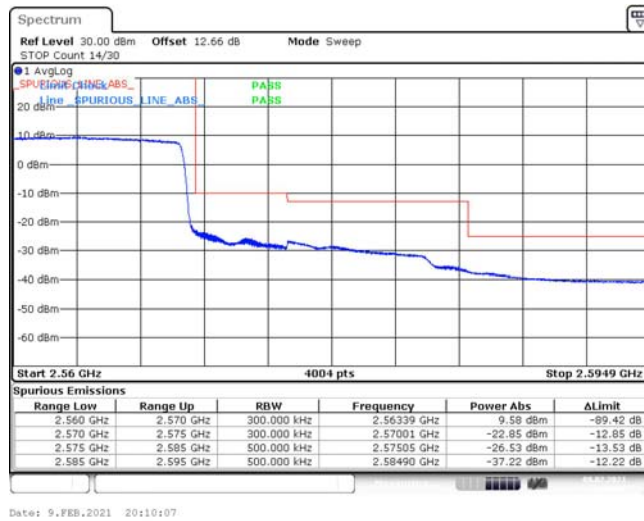
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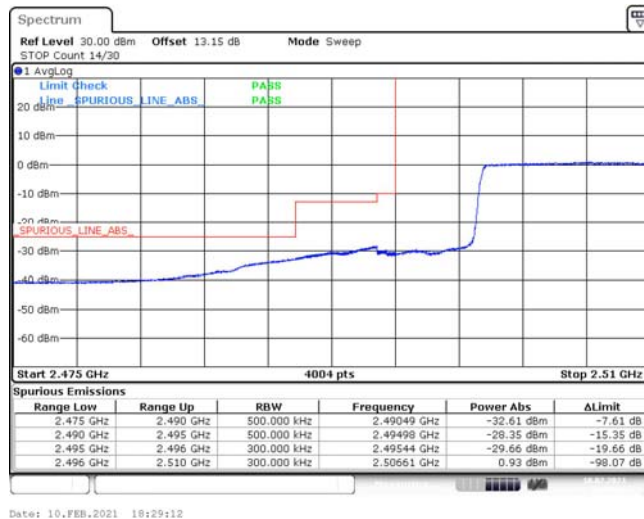
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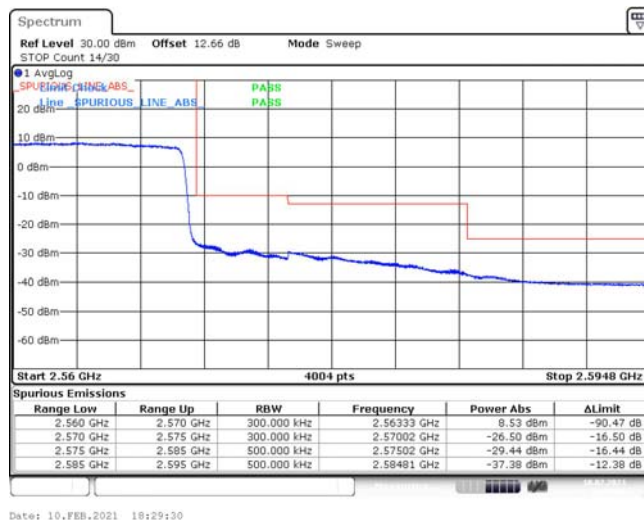
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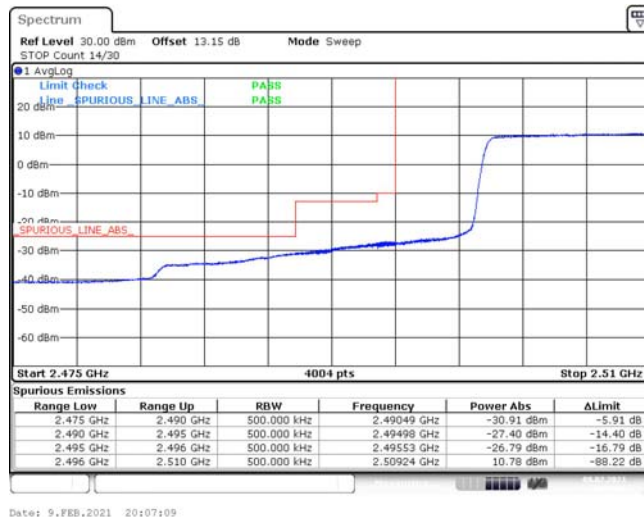
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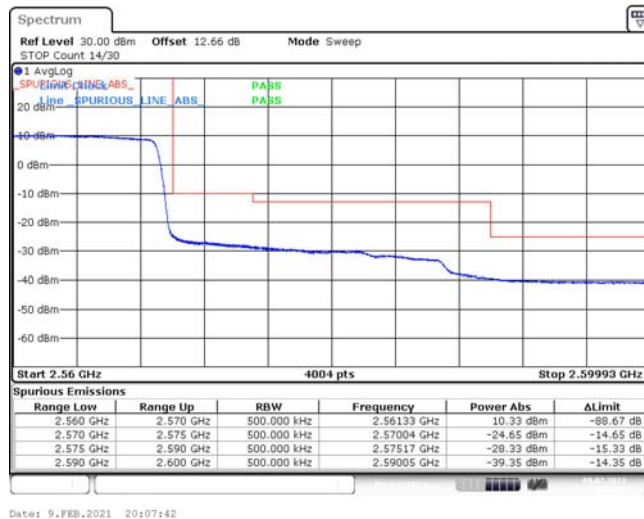
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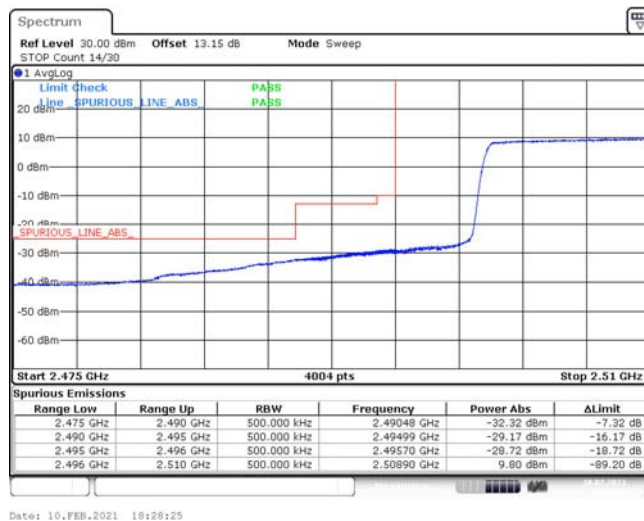
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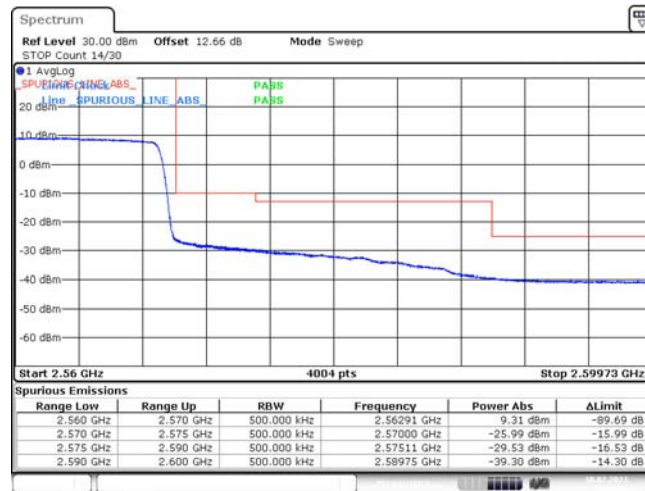
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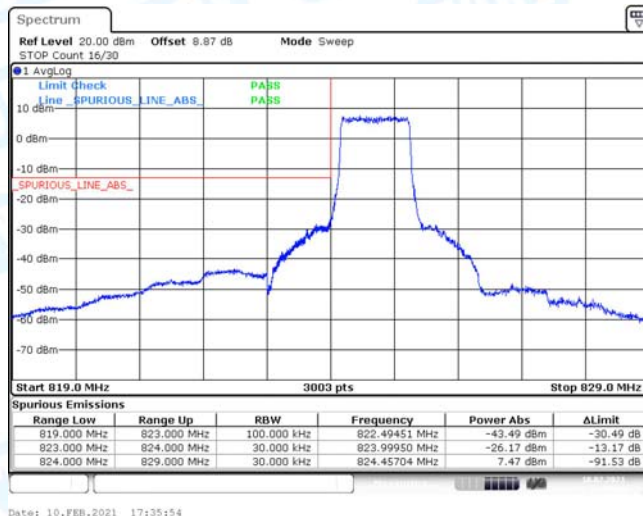


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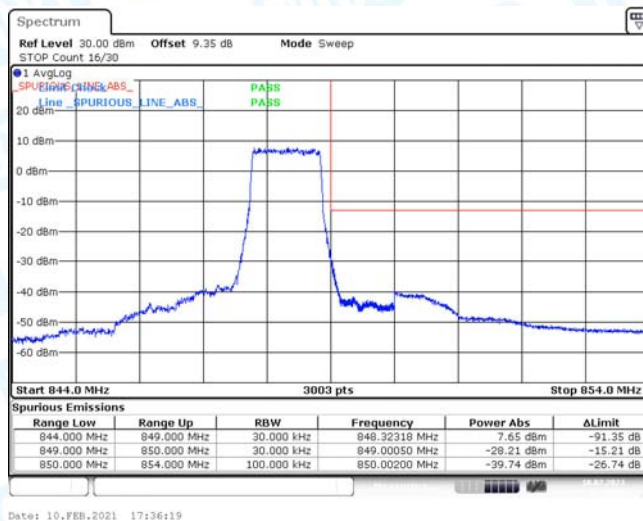


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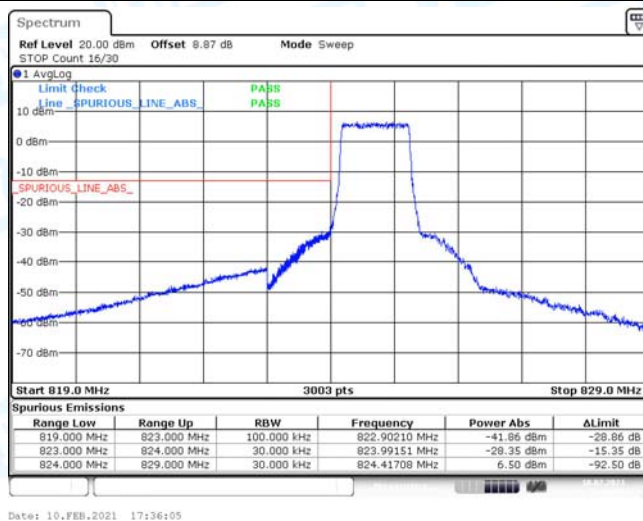
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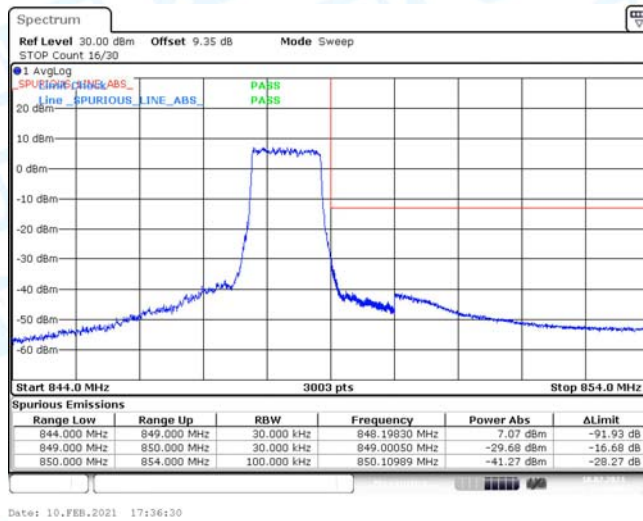
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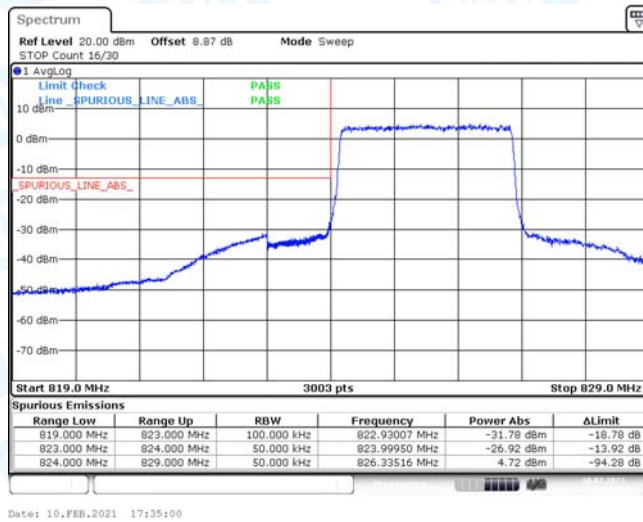
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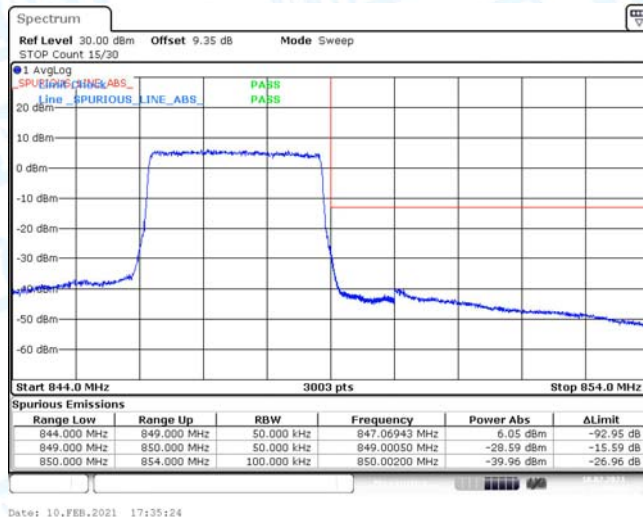
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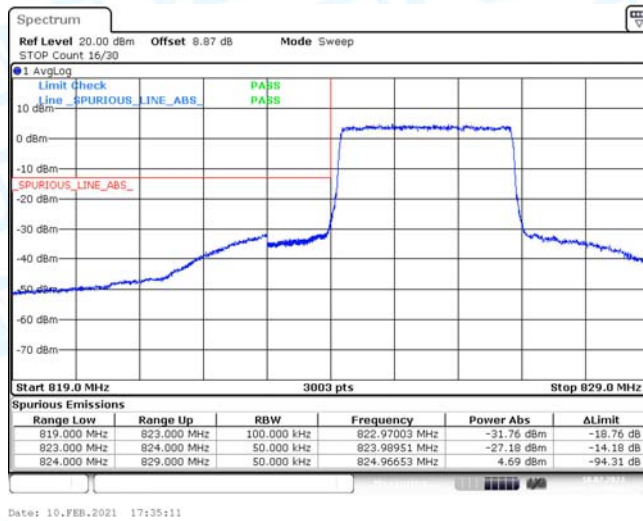
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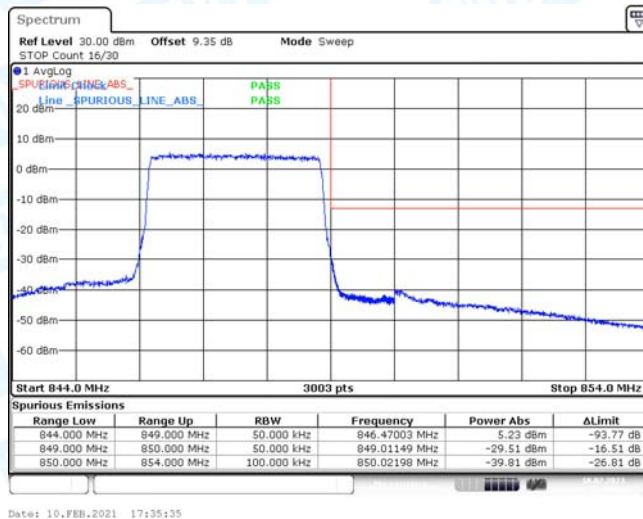
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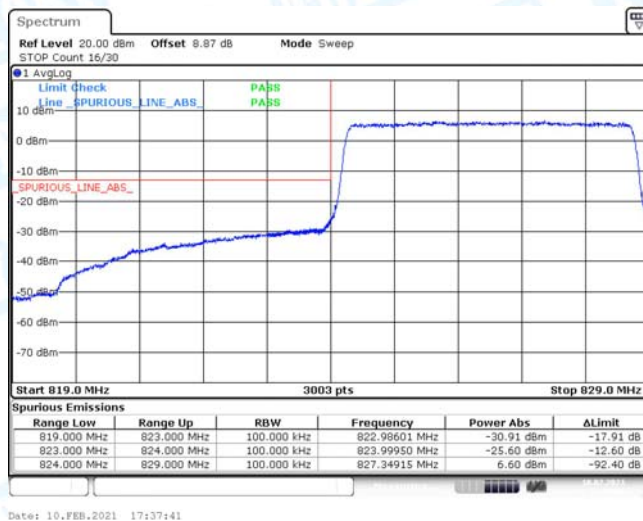
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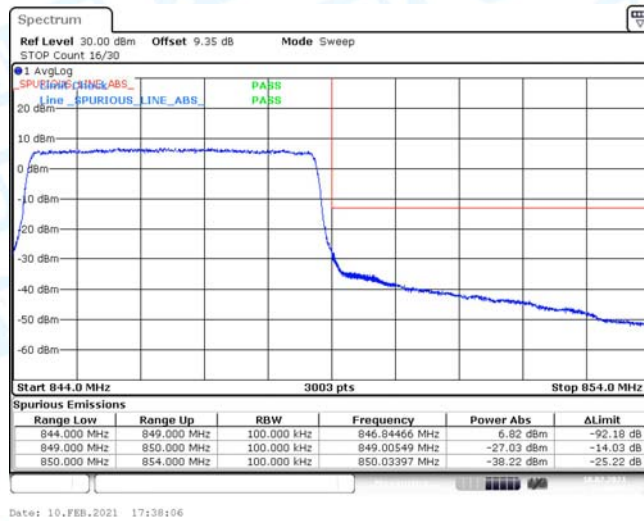
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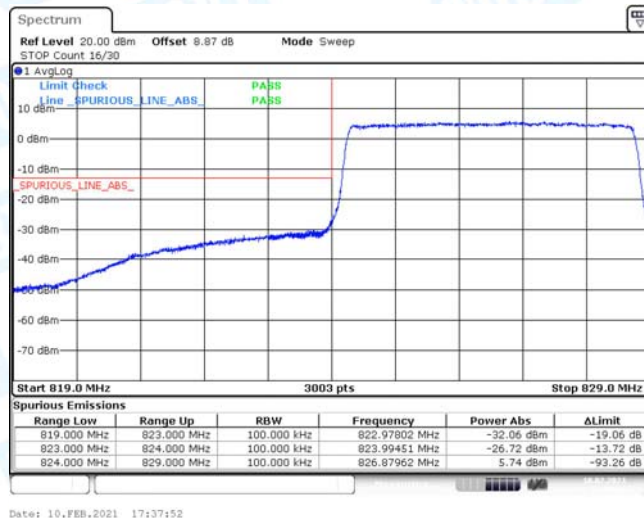
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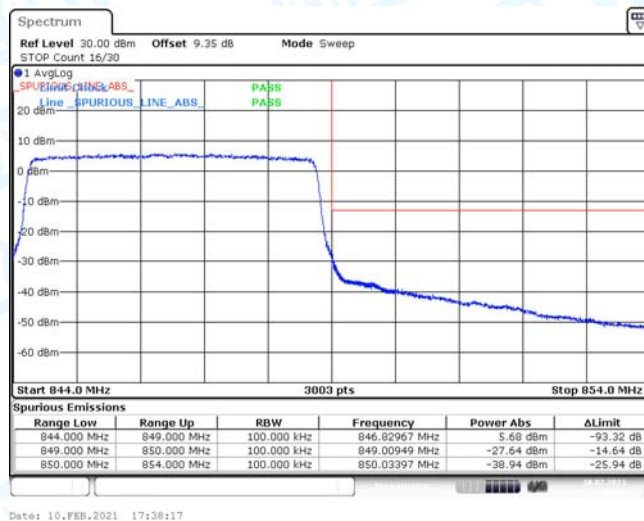
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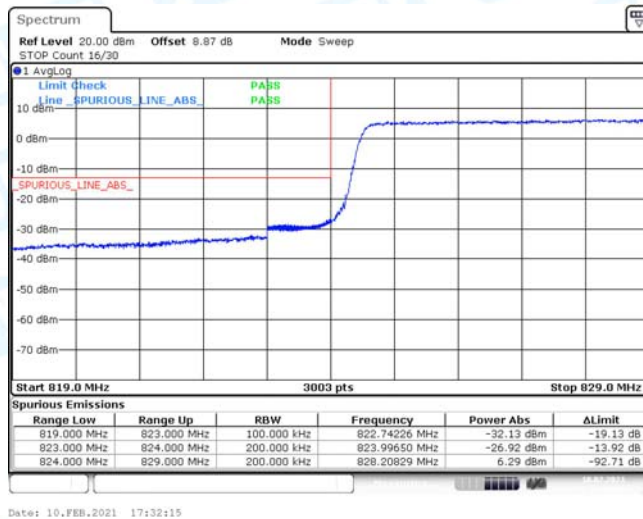
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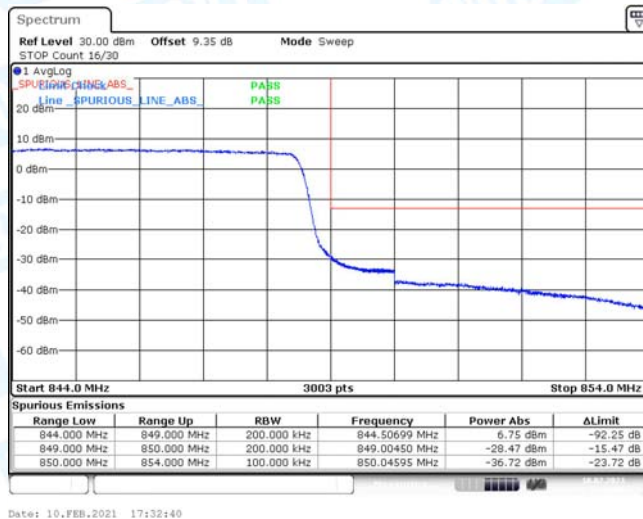
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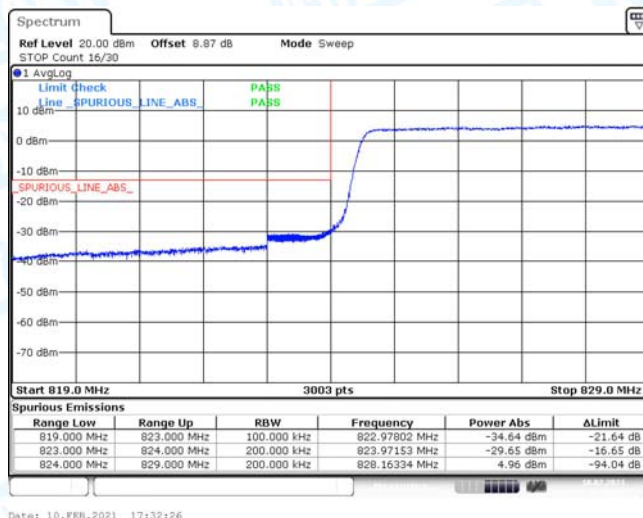
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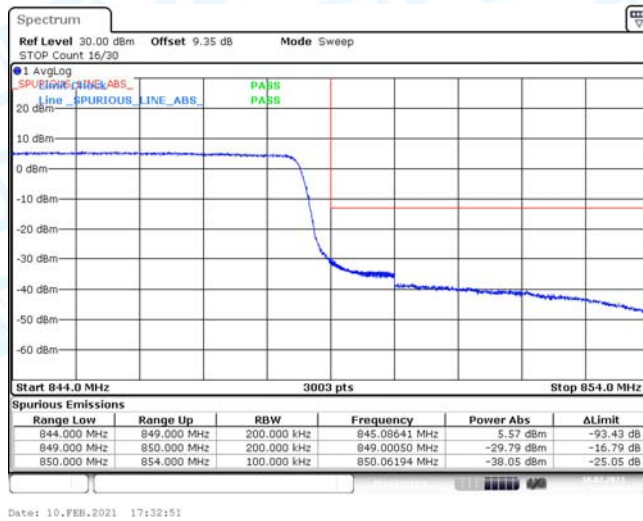
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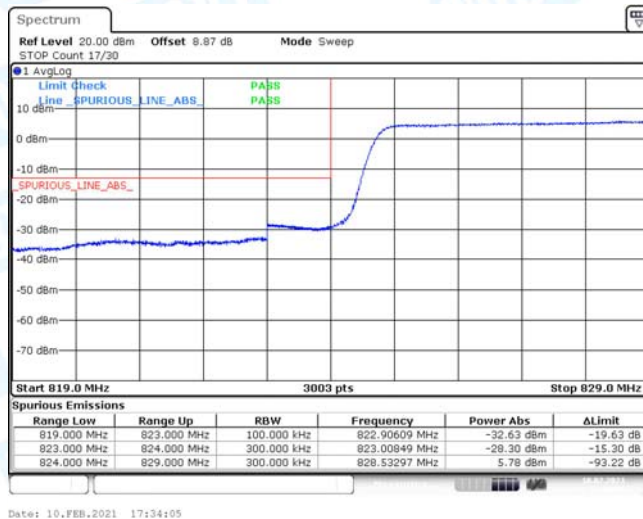
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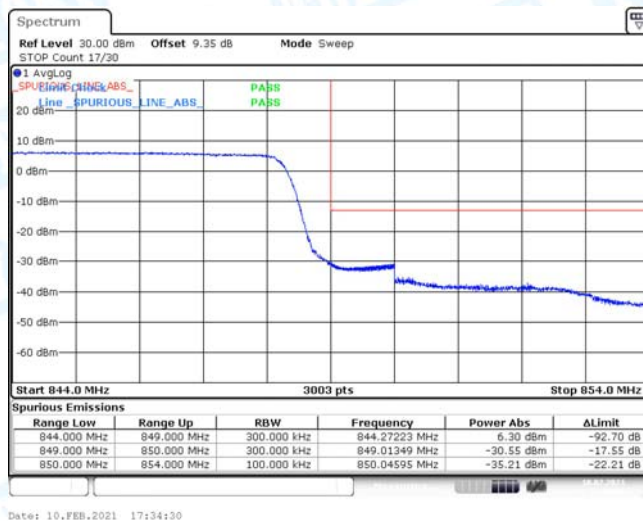
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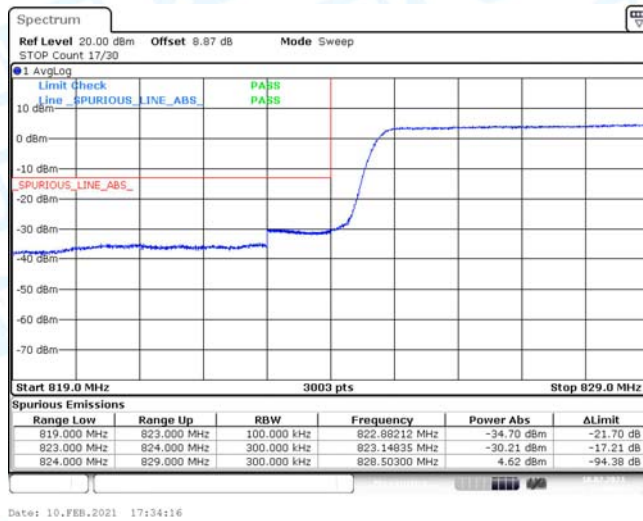
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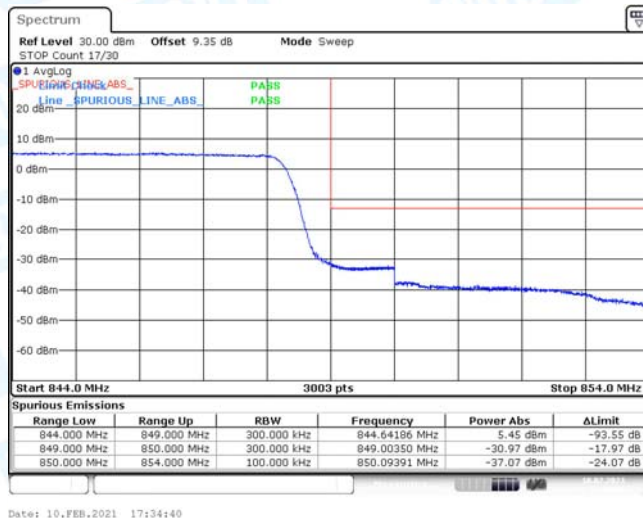
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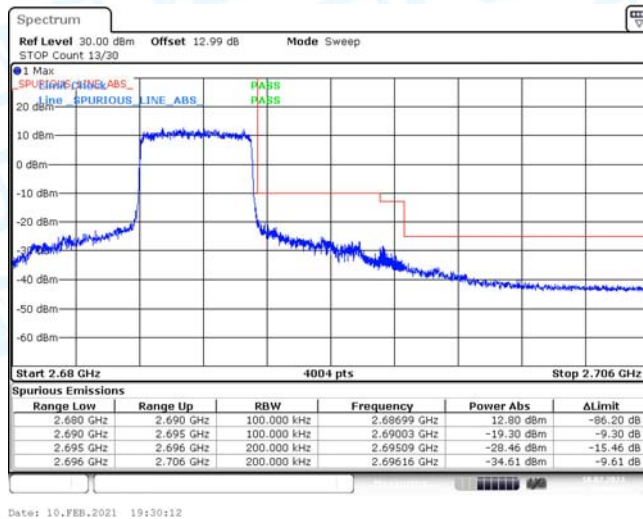
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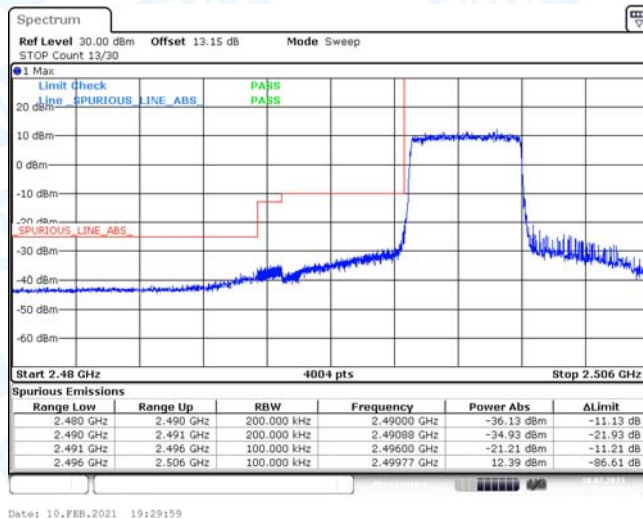
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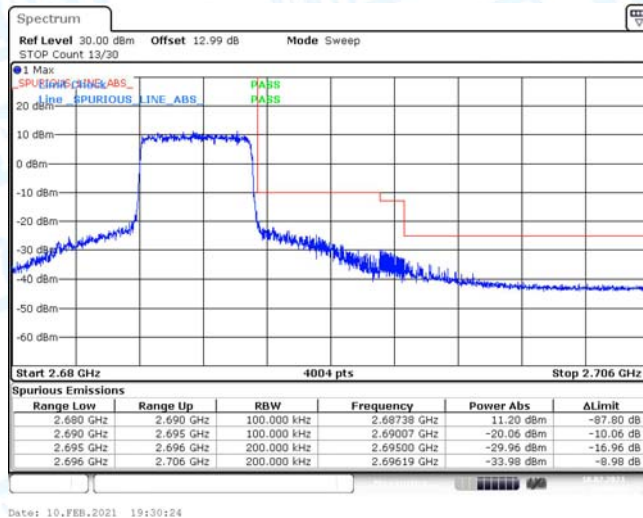
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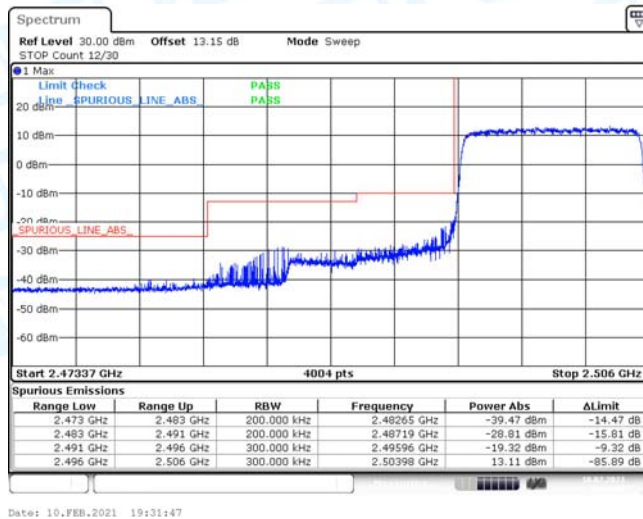
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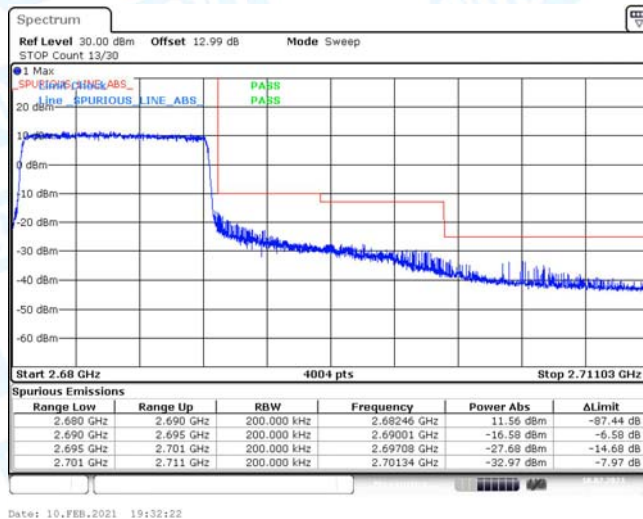
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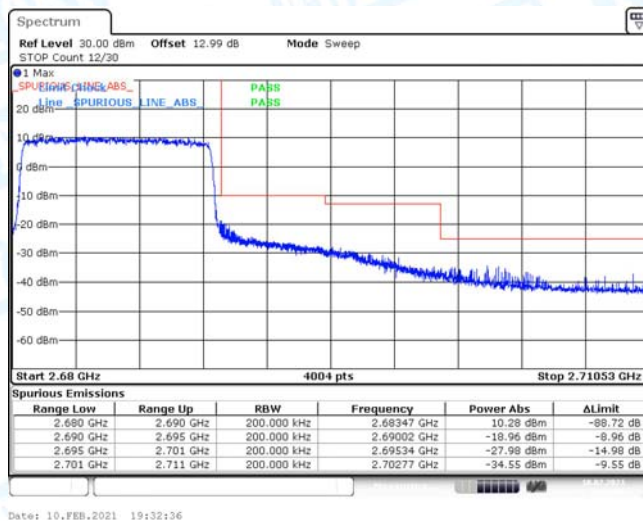
Band41-10MHz-QPSK-39700-50RB#0



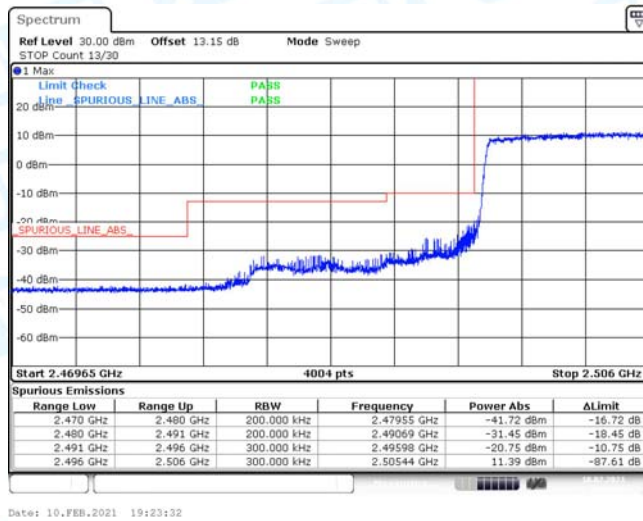
Band41-10MHz-QPSK-41540-50RB#0



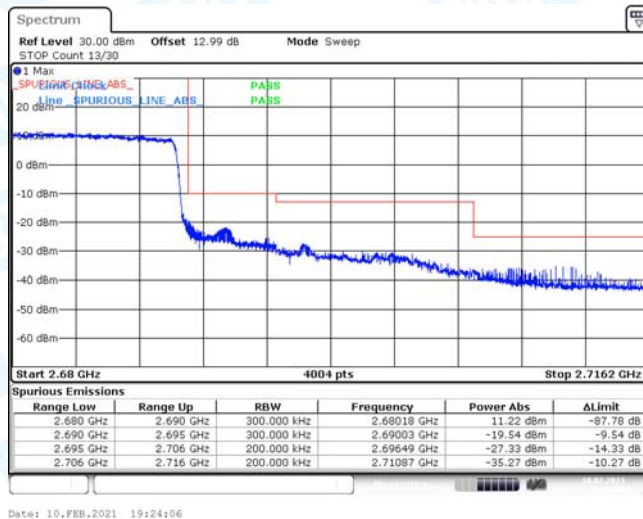
Band41-10MHz-16QAM-41540-50RB#0



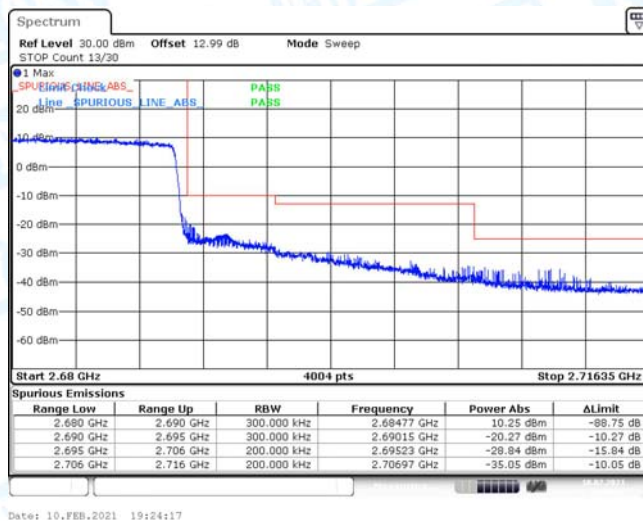
Band41-15MHz-QPSK-39725-75RB#0



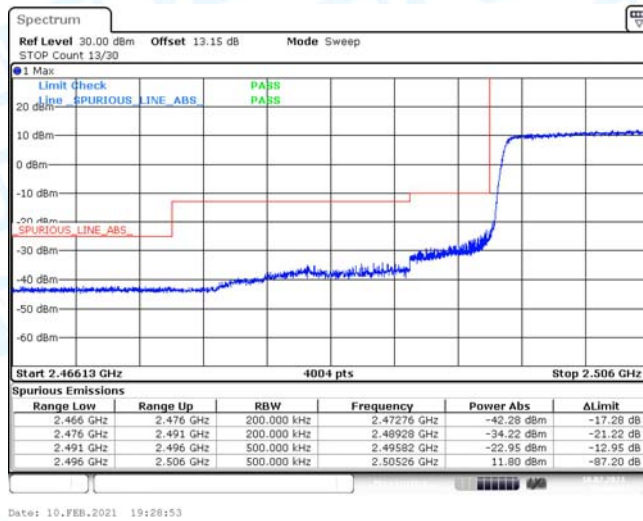
Band41-15MHz-QPSK-41515-75RB#0



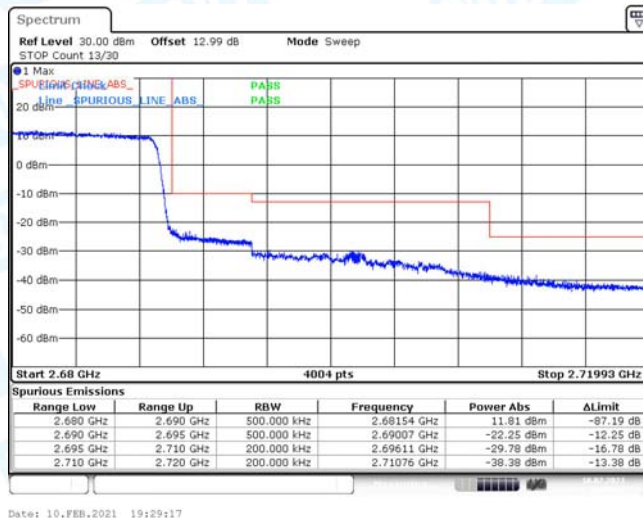
Band41-15MHz-16QAM-41515-75RB#0



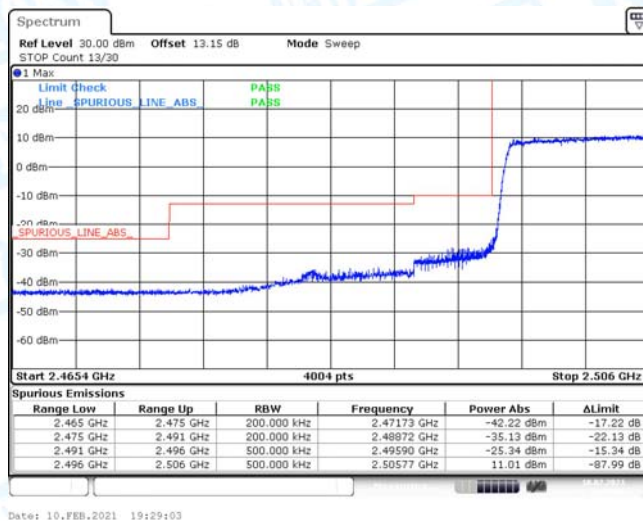
Band41-20MHz-QPSK-39750-100RB#0

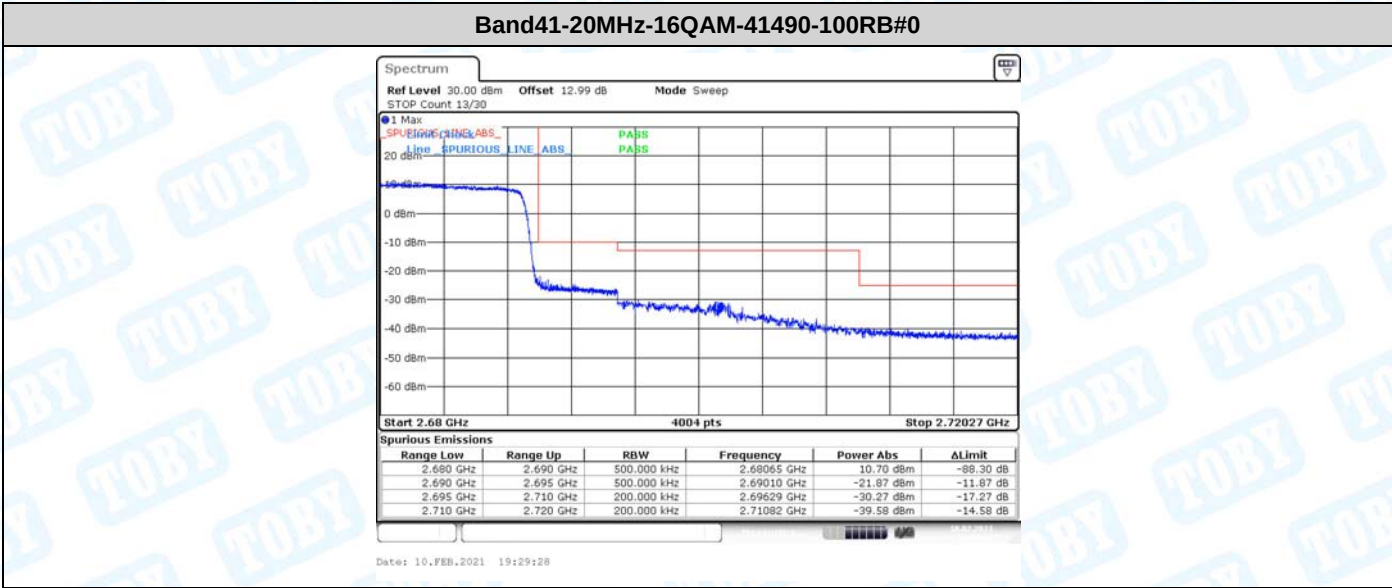


Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0





ATTACHMENT F--RADIATED OUTPUT POWER

Radiated Power (EIRP) for LTE Band 2 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.26	5.01	2.59	22.68	0.185
				V	18.43	5.01	2.59	20.85	0.122
	1	0	Middle	H	20.16	4.82	2.59	22.39	0.173
				V	18.90	4.82	2.59	21.13	0.130
	1	0	Highest	H	20.99	4.45	2.59	22.85	0.193
				V	18.38	4.45	2.59	20.24	0.106
16QAM	1	0	Lowest	H	20.54	5.01	2.59	22.96	0.198
				V	18.01	5.01	2.59	20.43	0.110
	1	0	Middle	H	20.45	4.82	2.59	22.68	0.185
				V	17.95	4.82	2.59	20.18	0.104
	1	0	Highest	H	21.19	4.45	2.59	23.05	0.202
				V	18.91	4.45	2.59	20.77	0.119
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.03	5.01	2.59	22.45	0.176
				V	17.76	5.01	2.59	20.18	0.104
	1	0	Middle	H	20.15	4.82	2.59	22.38	0.173
				V	18.12	4.82	2.59	20.35	0.108
	1	0	Highest	H	20.82	4.45	2.59	22.68	0.185
				V	18.33	4.45	2.59	20.19	0.104
16QAM	1	0	Lowest	H	20.44	5.01	2.59	22.86	0.193
				V	18.32	5.01	2.59	20.74	0.119
	1	0	Middle	H	20.15	4.82	2.59	22.38	0.173
				V	17.91	4.82	2.59	20.14	0.103
	1	0	Highest	H	20.81	4.45	2.59	22.67	0.185
				V	18.66	4.45	2.59	20.52	0.113
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.72	5.01	2.59	23.14	0.206
				V	18.27	5.01	2.59	20.69	0.117
	1	0	Middle	H	20.42	4.82	2.59	22.65	0.184
				V	18.19	4.82	2.59	20.42	0.110
	1	0	Highest	H	20.87	4.45	2.59	22.73	0.187
				V	18.59	4.45	2.59	20.45	0.111
16QAM	1	0	Lowest	H	20.04	5.01	2.59	22.46	0.176
				V	17.82	5.01	2.59	20.24	0.106
	1	0	Middle	H	20.41	4.82	2.59	22.64	0.184
				V	18.02	4.82	2.59	20.25	0.106
	1	0	Highest	H	20.49	4.45	2.59	22.35	0.172
				V	18.68	4.45	2.59	20.54	0.113
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.33	5.01	2.59	22.75	0.188
				V	17.93	5.01	2.59	20.35	0.108
	1	0	Middle	H	20.33	4.82	2.59	22.56	0.180
				V	18.01	4.82	2.59	20.24	0.106
	1	0	Highest	H	20.90	4.45	2.59	22.76	0.189
				V	18.38	4.45	2.59	20.24	0.106
16QAM	1	0	Lowest	H	20.26	5.01	2.59	22.68	0.185
				V	17.82	5.01	2.59	20.24	0.106
	1	0	Middle	H	20.33	4.82	2.59	22.56	0.180
				V	18.12	4.82	2.59	20.35	0.108
	1	0	Highest	H	20.81	4.45	2.59	22.67	0.185
				V	18.48	4.45	2.59	20.34	0.108
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.22	5.01	2.59	22.64	0.184
				V	17.81	5.01	2.59	20.23	0.105
	1	0	Middle	H	20.64	4.82	2.59	22.87	0.194
				V	18.31	4.82	2.59	20.54	0.113
	1	0	Highest	H	20.82	4.45	2.59	22.68	0.185
				V	18.29	4.45	2.59	20.15	0.104
16QAM	1	0	Lowest	H	20.25	5.01	2.59	22.67	0.185
				V	18.00	5.01	2.59	20.42	0.110
	1	0	Middle	H	20.45	4.82	2.59	22.68	0.185
				V	18.01	4.82	2.59	20.24	0.106
	1	0	Highest	H	20.80	4.45	2.59	22.66	0.185
				V	18.48	4.45	2.59	20.34	0.108
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 20M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.94	5.01	2.59	22.36	0.172
				V	17.63	5.01	2.59	20.05	0.101
	1	0	Middle	H	20.91	4.82	2.59	23.14	0.206
				V	18.01	4.82	2.59	20.24	0.106
	1	0	Highest	H	21.01	4.45	2.59	22.87	0.194
				V	18.68	4.45	2.59	20.54	0.113
16QAM	1	0	Lowest	H	20.26	5.01	2.59	22.68	0.185
				V	17.82	5.01	2.59	20.24	0.106
	1	0	Middle	H	20.43	4.82	2.59	22.66	0.185
				V	17.94	4.82	2.59	20.17	0.104
	1	0	Highest	H	21.01	4.45	2.59	22.87	0.194
				V	18.59	4.45	2.59	20.45	0.111
Limit								33	2

Radiated Power (EIRP) for LTE Band 4 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.29	5.26	2.43	23.12	0.205
				V	17.85	5.26	2.43	20.68	0.117
	1	0	Middle	H	19.30	5.38	2.43	22.25	0.168
				V	17.47	5.38	2.43	20.42	0.110
	1	0	Highest	H	19.70	5.40	2.43	22.67	0.185
				V	17.19	5.40	2.43	20.16	0.104
16QAM	1	0	Lowest	H	19.65	5.26	2.43	22.48	0.177
				V	17.81	5.26	2.43	20.64	0.116
	1	0	Middle	H	19.83	5.38	2.43	22.78	0.190
				V	17.19	5.38	2.43	20.14	0.103
	1	0	Highest	H	19.81	5.40	2.43	22.78	0.190
				V	17.65	5.40	2.43	20.62	0.115
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.61	5.26	2.43	22.44	0.175
				V	17.23	5.26	2.43	20.06	0.101
	1	0	Middle	H	20.03	5.38	2.43	22.98	0.199
				V	17.72	5.38	2.43	20.67	0.117
	1	0	Highest	H	19.88	5.40	2.43	22.85	0.193
				V	17.41	5.40	2.43	20.38	0.109
16QAM	1	0	Lowest	H	19.84	5.26	2.43	22.67	0.185
				V	17.62	5.26	2.43	20.45	0.111
	1	0	Middle	H	19.91	5.38	2.43	22.86	0.193
				V	17.18	5.38	2.43	20.13	0.103
	1	0	Highest	H	19.99	5.40	2.43	22.96	0.198
				V	17.37	5.40	2.43	20.34	0.108
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.86	5.26	2.43	22.69	0.186
				V	17.51	5.26	2.43	20.34	0.108
	1	0	Middle	H	19.92	5.38	2.43	22.87	0.194
				V	17.39	5.38	2.43	20.34	0.108
	1	0	Highest	H	19.78	5.40	2.43	22.75	0.188
				V	17.27	5.40	2.43	20.24	0.106
16QAM	1	0	Lowest	H	19.86	5.26	2.43	22.69	0.186
				V	17.51	5.26	2.43	20.34	0.108
	1	0	Middle	H	19.83	5.38	2.43	22.78	0.190
				V	17.28	5.38	2.43	20.23	0.105
	1	0	Highest	H	19.89	5.40	2.43	22.86	0.193
				V	17.57	5.40	2.43	20.54	0.113
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.91	5.26	2.43	22.74	0.188
				V	17.51	5.26	2.43	20.34	0.108
	1	0	Middle	H	19.74	5.38	2.43	22.69	0.186
				V	17.22	5.38	2.43	20.17	0.104
	1	0	Highest	H	19.72	5.40	2.43	22.69	0.186
				V	17.49	5.40	2.43	20.46	0.111
16QAM	1	0	Lowest	H	20.04	5.26	2.43	22.87	0.194
				V	17.53	5.26	2.43	20.36	0.109
	1	0	Middle	H	19.24	5.38	2.43	22.19	0.166
				V	17.52	5.38	2.43	20.47	0.111
	1	0	Highest	H	19.90	5.40	2.43	22.87	0.194
				V	17.48	5.40	2.43	20.45	0.111
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.29	5.26	2.43	23.12	0.205
				V	17.52	5.26	2.43	20.35	0.108
	1	0	Middle	H	20.12	5.38	2.43	23.07	0.203
				V	17.40	5.38	2.43	20.35	0.108
	1	0	Highest	H	19.89	5.40	2.43	22.86	0.193
				V	17.78	5.40	2.43	20.75	0.119
16QAM	1	0	Lowest	H	20.02	5.26	2.43	22.85	0.193
				V	17.34	5.26	2.43	20.17	0.104
	1	0	Middle	H	19.73	5.38	2.43	22.68	0.185
				V	17.80	5.38	2.43	20.75	0.119
	1	0	Highest	H	19.99	5.40	2.43	22.96	0.198
				V	17.74	5.40	2.43	20.71	0.118
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 20M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.14	5.26	2.43	22.97	0.198
				V	17.54	5.26	2.43	20.37	0.109
	1	0	Middle	H	19.91	5.38	2.43	22.86	0.193
				V	17.22	5.38	2.43	20.17	0.104
	1	0	Highest	H	19.87	5.40	2.43	22.84	0.192
				V	17.38	5.40	2.43	20.35	0.108
16QAM	1	0	Lowest	H	19.94	5.26	2.43	22.77	0.189
				V	17.25	5.26	2.43	20.08	0.102
	1	0	Middle	H	19.19	5.38	2.43	22.14	0.164
				V	17.06	5.38	2.43	20.01	0.100
	1	0	Highest	H	19.38	5.40	2.43	22.35	0.172
				V	17.11	5.40	2.43	20.08	0.102
Limit								30	1

Radiated Power (EIRP) for LTE Band 5 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.70	4.70	1.36	23.04	0.201
				V	17.24	4.70	1.36	20.58	0.114
	1	0	Middle	H	19.67	4.83	1.36	23.14	0.206
				V	17.40	4.83	1.36	20.87	0.122
	1	0	Highest	H	19.23	5.30	1.36	23.17	0.207
				V	16.93	5.30	1.36	20.87	0.122
16QAM	1	0	Lowest	H	19.63	4.70	1.36	22.97	0.198
				V	17.07	4.70	1.36	20.41	0.110
	1	0	Middle	H	19.37	4.83	1.36	22.84	0.192
				V	16.98	4.83	1.36	20.45	0.111
	1	0	Highest	H	18.68	5.30	1.36	22.62	0.183
				V	16.48	5.30	1.36	20.42	0.110
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 5 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.53	4.70	1.36	22.87	0.194
				V	17.01	4.70	1.36	20.35	0.108
	1	0	Middle	H	19.49	4.83	1.36	22.96	0.198
				V	16.98	4.83	1.36	20.45	0.111
	1	0	Highest	H	18.93	5.30	1.36	22.87	0.194
				V	16.29	5.30	1.36	20.23	0.105
16QAM	1	0	Lowest	H	19.24	4.70	1.36	22.58	0.181
				V	17.00	4.70	1.36	20.34	0.108
	1	0	Middle	H	19.28	4.83	1.36	22.75	0.188
				V	16.88	4.83	1.36	20.35	0.108
	1	0	Highest	H	18.74	5.30	1.36	22.68	0.185
				V	16.21	5.30	1.36	20.15	0.104
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 5 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.07	4.70	1.36	22.41	0.174
				V	16.74	4.70	1.36	20.08	0.102
	1	0	Middle	H	19.16	4.83	1.36	22.63	0.183
				V	16.66	4.83	1.36	20.13	0.103
	1	0	Highest	H	18.84	5.30	1.36	22.78	0.190
				V	16.58	5.30	1.36	20.52	0.113
16QAM	1	0	Lowest	H	19.35	4.70	1.36	22.69	0.186
				V	16.98	4.70	1.36	20.32	0.108
	1	0	Middle	H	19.40	4.83	1.36	22.87	0.194
				V	17.16	4.83	1.36	20.63	0.116
	1	0	Highest	H	18.94	5.30	1.36	22.88	0.194
				V	16.60	5.30	1.36	20.54	0.113
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 5 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.22	4.70	1.36	22.56	0.180
				V	16.79	4.70	1.36	20.13	0.103
	1	0	Middle	H	19.01	4.83	1.36	22.48	0.177
				V	16.62	4.83	1.36	20.09	0.102
	1	0	Highest	H	18.71	5.30	1.36	22.65	0.184
				V	16.58	5.30	1.36	20.52	0.113
16QAM	1	0	Lowest	H	19.20	4.70	1.36	22.54	0.179
				V	16.79	4.70	1.36	20.13	0.103
	1	0	Middle	H	19.18	4.83	1.36	22.65	0.184
				V	16.87	4.83	1.36	20.34	0.108
	1	0	Highest	H	18.71	5.30	1.36	22.65	0.184
				V	16.38	5.30	1.36	20.32	0.108
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 7 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.63	4.76	2.65	22.74	0.188
				V	18.24	4.76	2.65	20.35	0.108
	1	0	Middle	H	20.19	4.91	2.65	22.45	0.176
				V	17.98	4.91	2.65	20.24	0.106
	1	0	Highest	H	20.77	5.00	2.65	23.12	0.205
				V	18.10	5.00	2.65	20.45	0.111
16QAM	1	0	Lowest	H	20.57	4.76	2.65	22.68	0.185
				V	18.03	4.76	2.65	20.14	0.103
	1	0	Middle	H	20.78	4.91	2.65	23.04	0.201
				V	18.48	4.91	2.65	20.74	0.119
	1	0	Highest	H	20.51	5.00	2.65	22.86	0.193
				V	18.09	5.00	2.65	20.44	0.111
Limit								33	2

Radiated Power (EIRP) for LTE Band 7 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.03	4.76	2.65	23.14	0.206
				V	18.57	4.76	2.65	20.68	0.117
	1	0	Middle	H	20.81	4.91	2.65	23.07	0.203
				V	18.39	4.91	2.65	20.65	0.116
	1	0	Highest	H	20.54	5.00	2.65	22.89	0.195
				V	18.29	5.00	2.65	20.64	0.116
16QAM	1	0	Lowest	H	20.68	4.76	2.65	22.79	0.190
				V	18.25	4.76	2.65	20.36	0.109
	1	0	Middle	H	20.81	4.91	2.65	23.07	0.203
				V	18.52	4.91	2.65	20.78	0.120
	1	0	Highest	H	20.23	5.00	2.65	22.58	0.181
				V	17.99	5.00	2.65	20.34	0.108
Limit								33	2

Radiated Power (EIRP) for LTE Band 7 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.57	4.76	2.65	22.68	0.185
				V	18.34	4.76	2.65	20.45	0.111
	1	0	Middle	H	20.62	4.91	2.65	22.88	0.194
				V	18.08	4.91	2.65	20.34	0.108
	1	0	Highest	H	20.34	5.00	2.65	22.69	0.186
				V	17.79	5.00	2.65	20.14	0.103
16QAM	1	0	Lowest	H	20.68	4.76	2.65	22.79	0.190
				V	18.35	4.76	2.65	20.46	0.111
	1	0	Middle	H	20.72	4.91	2.65	22.98	0.199
				V	17.91	4.91	2.65	20.17	0.104
	1	0	Highest	H	20.41	5.00	2.65	22.76	0.189
				V	17.87	5.00	2.65	20.22	0.105
Limit								33	2

Radiated Power (EIRP) for LTE Band 7 / 20M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.63	4.76	2.65	22.74	0.188
				V	18.23	4.76	2.65	20.34	0.108
	1	0	Middle	H	20.16	4.91	2.65	22.42	0.175
				V	18.06	4.91	2.65	20.32	0.108
	1	0	Highest	H	20.31	5.00	2.65	22.66	0.185
				V	17.89	5.00	2.65	20.24	0.106
16QAM	1	0	Lowest	H	20.65	4.76	2.65	22.76	0.189
				V	18.03	4.76	2.65	20.14	0.103
	1	0	Middle	H	20.39	4.91	2.65	22.65	0.184
				V	18.08	4.91	2.65	20.34	0.108
	1	0	Highest	H	20.42	5.00	2.65	22.77	0.189
				V	18.07	5.00	2.65	20.42	0.110
Limit								33	2

Radiated Power (EIRP) for LTE Band 26 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.11	4.70	1.34	22.47	0.177
				V	16.69	4.70	1.34	20.05	0.101
	1	0	Middle	H	19.22	4.80	1.34	22.68	0.185
				V	16.71	4.80	1.34	20.17	0.104
	1	0	Highest	H	18.89	5.30	1.34	22.85	0.193
				V	16.21	5.30	1.34	20.17	0.104
16QAM	1	0	Lowest	H	19.31	4.70	1.34	22.67	0.185
				V	16.78	4.70	1.34	20.14	0.103
	1	0	Middle	H	19.23	4.80	1.34	22.69	0.186
				V	16.96	4.80	1.34	20.42	0.110
	1	0	Highest	H	18.51	5.30	1.34	22.47	0.177
				V	16.49	5.30	1.34	20.45	0.111
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 26 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.21	4.70	1.34	22.57	0.181
				V	17.06	4.70	1.34	20.42	0.110
	1	0	Middle	H	19.41	4.80	1.34	22.87	0.194
				V	16.96	4.80	1.34	20.42	0.110
	1	0	Highest	H	18.72	5.30	1.34	22.68	0.185
				V	16.51	5.30	1.34	20.47	0.111
16QAM	1	0	Lowest	H	19.29	4.70	1.34	22.65	0.184
				V	16.96	4.70	1.34	20.32	0.108
	1	0	Middle	H	19.32	4.80	1.34	22.78	0.190
				V	16.89	4.80	1.34	20.35	0.108
	1	0	Highest	H	18.82	5.30	1.34	22.78	0.190
				V	16.60	5.30	1.34	20.56	0.114
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 26 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.29	4.70	1.34	22.65	0.184
				V	16.98	4.70	1.34	20.34	0.108
	1	0	Middle	H	19.43	4.80	1.34	22.89	0.195
				V	16.78	4.80	1.34	20.24	0.106
	1	0	Highest	H	18.72	5.30	1.34	22.68	0.185
				V	16.46	5.30	1.34	20.42	0.110
16QAM	1	0	Lowest	H	19.51	4.70	1.34	22.87	0.194
				V	16.99	4.70	1.34	20.35	0.108
	1	0	Middle	H	19.28	4.80	1.34	22.74	0.188
				V	16.90	4.80	1.34	20.36	0.109
	1	0	Highest	H	18.66	5.30	1.34	22.62	0.183
				V	16.49	5.30	1.34	20.45	0.111
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 26 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.68	4.70	1.34	23.04	0.201
				V	16.88	4.70	1.34	20.24	0.106
	1	0	Middle	H	19.61	4.80	1.34	23.07	0.203
				V	19.19	4.80	1.34	22.65	0.184
	1	0	Highest	H	18.72	5.30	1.34	22.68	0.185
				V	16.08	5.30	1.34	20.04	0.101
16QAM	1	0	Lowest	H	19.53	4.70	1.34	22.89	0.195
				V	16.99	4.70	1.34	20.35	0.108
	1	0	Middle	H	19.28	4.80	1.34	22.74	0.188
				V	16.68	4.80	1.34	20.14	0.103
	1	0	Highest	H	18.73	5.30	1.34	22.69	0.186
				V	16.20	5.30	1.34	20.16	0.104
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 26 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.47	4.70	1.34	22.83	0.192
				V	17.11	4.70	1.34	20.47	0.111
	1	0	Middle	H	19.10	4.80	1.34	22.56	0.180
				V	17.11	4.80	1.34	20.57	0.114
	1	0	Highest	H	18.71	5.30	1.34	22.67	0.185
				V	16.71	5.30	1.34	20.67	0.117
16QAM	1	0	Lowest	H	19.13	4.70	1.34	22.49	0.177
				V	16.77	4.70	1.34	20.13	0.103
	1	0	Middle	H	19.23	4.80	1.34	22.69	0.186
				V	17.01	4.80	1.34	20.47	0.111
	1	0	Highest	H	18.62	5.30	1.34	22.58	0.181
				V	16.45	5.30	1.34	20.41	0.110
Limit								38.45	7

Radiated Power (EIRP) for LTE Band 41 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.57	4.76	2.65	22.68	0.185
				V	18.36	4.76	2.65	20.47	0.111
	1	0	Middle	H	20.43	4.91	2.65	22.69	0.186
				V	17.88	4.91	2.65	20.14	0.103
	1	0	Highest	H	20.33	5.00	2.65	22.68	0.185
				V	18.07	5.00	2.65	20.42	0.110
16QAM	1	0	Lowest	H	20.03	4.76	2.65	22.14	0.164
				V	18.13	4.76	2.65	20.24	0.106
	1	0	Middle	H	20.10	4.91	2.65	22.36	0.172
				V	17.88	4.91	2.65	20.14	0.103
	1	0	Highest	H	20.40	5.00	2.65	22.75	0.188
				V	18.08	5.00	2.65	20.43	0.110
Limit								33	2

Radiated Power (EIRP) for LTE Band 41 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	19.85	4.76	2.65	21.96	0.157
				V	17.57	4.76	2.65	19.68	0.093
	1	0	Middle	H	19.98	4.91	2.65	22.24	0.167
				V	17.77	4.91	2.65	20.03	0.101
	1	0	Highest	H	20.39	5.00	2.65	22.74	0.188
				V	18.01	5.00	2.65	20.36	0.109
16QAM	1	0	Lowest	H	20.25	4.76	2.65	22.36	0.172
				V	18.43	4.76	2.65	20.54	0.113
	1	0	Middle	H	20.21	4.91	2.65	22.47	0.177
				V	17.95	4.91	2.65	20.21	0.105
	1	0	Highest	H	20.34	5.00	2.65	22.69	0.186
				V	18.13	5.00	2.65	20.48	0.112
Limit								33	2
Radiated Power (EIRP) for LTE Band 41 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.25	4.76	2.65	22.36	0.172
				V	18.01	4.76	2.65	20.12	0.103
	1	0	Middle	H	20.41	4.91	2.65	22.67	0.185
				V	17.81	4.91	2.65	20.07	0.102
	1	0	Highest	H	20.32	5.00	2.65	22.67	0.185
				V	18.07	5.00	2.65	20.42	0.110
16QAM	1	0	Lowest	H	20.63	4.76	2.65	22.74	0.188
				V	18.31	4.76	2.65	20.42	0.110
	1	0	Middle	H	20.63	4.91	2.65	22.89	0.195
				V	18.10	4.91	2.65	20.36	0.109
	1	0	Highest	H	20.39	5.00	2.65	22.74	0.188
				V	17.89	5.00	2.65	20.24	0.106
Limit								33	2

Radiated Power (EIRP) for LTE Band 41 / 20M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.76	4.76	2.65	22.87	0.194
				V	18.13	4.76	2.65	20.24	0.106
	1	0	Middle	H	20.52	4.91	2.65	22.78	0.190
				V	18.08	4.91	2.65	20.34	0.108
	1	0	Highest	H	20.11	5.00	2.65	22.46	0.176
				V	18.18	5.00	2.65	20.53	0.113
16QAM	1	0	Lowest	H	20.76	4.76	2.65	22.87	0.194
				V	18.31	4.76	2.65	20.42	0.110
	1	0	Middle	H	20.42	4.91	2.65	22.68	0.185
				V	17.98	4.91	2.65	20.24	0.106
	1	0	Highest	H	20.43	5.00	2.65	22.78	0.190
				V	18.39	5.00	2.65	20.74	0.119
Limit								33	2

ATTACHMENT G--RADIATED OUT BAND OF EMISSIONS

Measurement Data (worst case)

Test mode: LTE BAND 2 20MHz(RB size 1 & RB offset 0) for QPSK							
Channel: Middle		Date of Test: 2020-12-16					
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-70.31	14.94	6.12	-49.25	-13.00	Pass
5640.20	H	-62.98	13.87	7.86	-41.25		
7519.60	H	-57.28	14.49	9.54	-33.25		
3759.90	Vertical	-70.71	15.97	6.12	-48.62	-13.00	Pass
5640.20	V	-64.05	13.94	7.86	-42.25		
7519.60	V	-58.69	13.87	9.54	-35.28		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							
Test mode: LTE BAND 4 20MHz(RB size 1 & RB offset 0) for QPSK							
Channel: Middle		Date of Test: 2020-12-16					
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-69.51	14.94	6.05	-48.52	-13.00	Pass
5198.98	H	-63.68	13.87	7.56	-42.25		
6932.13	H	-60.10	14.49	9.36	-36.25		
3465.99	Vertical	-69.87	15.97	6.05	-47.85	-13.00	Pass
5198.98	V	-65.02	13.94	7.56	-43.52		
6932.13	V	-60.10	13.87	9.36	-36.87		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode: LTE BAND 5 10MHz(RB size 1 & RB offset 0) for QPSK							
Channel: Middle		Date of Test: 2020-12-16					
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
1673.00	Horizontal	-60.04	7.49	3.97	-48.58	-13.00	Pass
2509.50	H	-53.33	7.03	5.05	-41.25		
3346.00	H	-53.20	12.48	5.98	-34.74		
1673.00	Vertical	-61.51	8.02	3.97	-49.52	-13.00	Pass
2509.50	V	-58.04	10.47	5.05	-42.52		
3346.00	V	-58.77	16.92	5.98	-35.87		
Remark: 1, The testing has been conformed to 10*836.5MHz=8365MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							
Test mode: LTE BAND 7 20MHz(RB size 1 & RB offset 0) for QPSK							
Channel: Middle		Date of Test: 2020-12-16					
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
5070.00	Horizontal	-63.27	7.49	7.53	-48.25	-25.00	Pass
7605.00	H	-56.50	7.03	9.26	-40.21		
10140.00	H	-59.10	12.48	11.45	-35.17		
5070.00	Vertical	-64.32	8.02	7.53	-48.77	-25.00	Pass
7605.00	V	-59.98	10.47	9.26	-40.25		
10140.00	V	-64.05	16.92	11.45	-35.68		
Remark: 1, The testing has been conformed to 10*2535.0MHz=25350MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 26 15MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2020-12-16		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
1663.00	Horizontal	-70.24	14.94	6.05	-49.25	-13.00	Pass
2494.50	H	-64.01	13.87	7.56	-42.58		
3326.00	H	-58.43	14.49	9.36	-34.58		
1663.00	Vertical	-70.97	15.97	6.05	-48.95	-13.00	Pass
2494.50	V	-62.02	13.94	7.56	-40.52		
3326.00	V	-62.00	13.87	9.36	-38.77		
Remark: 1, The testing has been conformed to 10*831.5MHz=8315MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							
Test mode:	LTE BAND 41 20MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2020-12-16		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
5186.00	Horizontal	-64.90	7.49	7.89	-18.66	-13.00	Pass
7779.00	H	-57.27	7.03	9.68	-23.59		
10372.00	H	-60.69	12.48	11.96	-26.84		
5186.00	Vertical	-64.16	8.02	7.89	-19.58	-13.00	Pass
7779.00	V	-59.73	10.47	9.68	-22.75		
10372.00	V	-65.12	16.92	11.96	-26.67		
Remark: 1, The testing has been conformed to 10*2593.0MHz=25930MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

ATTACHMENT H--FREQUENCY STABILITY

Temperature Variation					
Reference Frequency: LTE Band 2 QPSK(1.4MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	48	0.0255	±2.5	Pass
	-20	17	0.0088		
	-10	15	0.0079		
	0	29	0.0154		
	10	57	0.0304		
	20	87	0.0460		
	30	38	0.0200		
	40	72	0.0385		
	50	77	0.0408		
Reference Frequency: LTE Band 2 QPSK(3MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	69	0.0367	±2.5	Pass
	-20	70	0.0370		
	-10	51	0.0270		
	0	87	0.0464		
	10	45	0.0240		
	20	95	0.0504		
	30	34	0.0180		
	40	36	0.0193		
	50	73	0.0388		
Reference Frequency: LTE Band 2 QPSK(5MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	79	0.0420	±2.5	Pass
	-20	58	0.0307		
	-10	111	0.0592		
	0	95	0.0504		
	10	80	0.0425		
	20	96	0.0508		
	30	117	0.0624		
	40	63	0.0337		
	50	98	0.0519		
Reference Frequency: LTE Band 2 QPSK(10MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	85	0.0452	±2.5	Pass
	-20	62	0.0328		
	-10	123	0.0654		
	0	45	0.0241		
	10	79	0.0422		
	20	87	0.0461		
	30	54	0.0288		
	40	98	0.0522		
	50	55	0.0290		

Temperature Variation					
Reference Frequency: LTE Band 2 QPSK(15MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	95	0.0505	±2.5	Pass
	-20	90	0.0478		
	-10	96	0.0509		
	0	81	0.0432		
	10	64	0.0339		
	20	90	0.0478		
	30	91	0.0485		
	40	55	0.0295		
	50	108	0.0573		
Reference Frequency: LTE Band 2 QPSK(20MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	87	0.0463	±2.5	Pass
	-20	93	0.0497		
	-10	79	0.0418		
	0	117	0.0620		
	10	75	0.0399		
	20	80	0.0424		
	30	59	0.0314		
	40	57	0.0301		
	50	100	0.0531		

Temperature Variation					
Reference Frequency: LTE Band 4 QPSK(1.4MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	86	0.0496	±2.5	Pass
	-20	82	0.0471		
	-10	90	0.0521		
	0	117	0.0677		
	10	98	0.0567		
	20	82	0.0473		
	30	63	0.0363		
	40	121	0.0701		
	50	124	0.0715		
Reference Frequency: LTE Band 4 QPSK(3MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	68	0.0392	±2.5	Pass
	-20	47	0.0271		
	-10	87	0.0503		
	0	96	0.0553		
	10	77	0.0446		
	20	91	0.0525		
	30	89	0.0513		
	40	101	0.0584		
	50	63	0.0362		
Reference Frequency: LTE Band 4 QPSK(5MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	77	0.0444	±2.5	Pass
	-20	77	0.0443		
	-10	78	0.0451		
	0	49	0.0285		
	10	63	0.0362		
	20	42	0.0242		
	30	87	0.0504		
	40	77	0.0444		
	50	87	0.0503		
Reference Frequency: LTE Band 4 QPSK(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	85	0.0491	±2.5	Pass
	-20	54	0.0311		
	-10	60	0.0349		
	0	59	0.0338		
	10	47	0.0270		
	20	70	0.0402		
	30	49	0.0282		
	40	122	0.0705		
	50	114	0.0656		

Temperature Variation					
Reference Frequency: LTE Band 4 QPSK(15MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	63	0.0364	±2.5	Pass
	-20	80	0.0462		
	-10	42	0.0242		
	0	94	0.0545		
	10	52	0.0303		
	20	32	0.0185		
	30	82	0.0474		
	40	34	0.0196		
	50	75	0.0431		
Reference Frequency: LTE Band 4 QPSK(20MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	69	0.0398	±2.5	Pass
	-20	67	0.0387		
	-10	30	0.0174		
	0	77	0.0445		
	10	71	0.0411		
	20	38	0.0217		
	30	39	0.0225		
	40	49	0.0283		
	50	54	0.0310		

Temperature Variation					
Reference Frequency: LTE Band 5 QPSK(1.4MHz) Middle channel=20525 Frequency=836.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	85	0.1016	±2.5	Pass
	-20	48	0.0568		
	-10	62	0.0740		
	0	53	0.0628		
	10	51	0.0615		
	20	80	0.0955		
	30	51	0.0614		
	40	67	0.0799		
	50	97	0.1160		
Reference Frequency: LTE Band 5 QPSK(3MHz) Middle channel=20525 Frequency=836.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	79	0.0944	±2.5	Pass
	-20	88	0.1051		
	-10	49	0.0589		
	0	76	0.0908		
	10	102	0.1223		
	20	60	0.0722		
	30	102	0.1218		
	40	80	0.0957		
	50	89	0.1060		
Reference Frequency: LTE Band 5 QPSK(5MHz) Middle channel=20525 Frequency=836.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	87	0.1040	±2.5	Pass
	-20	82	0.0983		
	-10	103	0.1226		
	0	57	0.0682		
	10	75	0.0902		
	20	50	0.0595		
	30	108	0.1288		
	40	82	0.0980		
	50	112	0.1340		
Reference Frequency: LTE Band 5 QPSK(10MHz) Middle channel=20525 Frequency=836.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	96	0.1148	±2.5	Pass
	-20	91	0.1087		
	-10	120	0.1435		
	0	103	0.1235		
	10	63	0.0752		
	20	70	0.0831		
	30	132	0.1578		
	40	69	0.0825		
	50	119	0.1428		

Temperature Variation					
Reference Frequency: LTE Band 7 QPSK(5MHz) Middle channel=21100 Frequency=2535.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	59	0.0233	±2.5	Pass
	-20	26	0.0102		
	-10	92	0.0363		
	0	23	0.0092		
	10	97	0.0383		
	20	99	0.0389		
	30	48	0.0188		
	40	62	0.0245		
	50	91	0.0359		
Reference Frequency: LTE Band 7 QPSK(10MHz) Middle channel=21100 Frequency=2535.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	68	0.0268	±2.5	Pass
	-20	61	0.0239		
	-10	63	0.0250		
	0	70	0.0275		
	10	57	0.0225		
	20	65	0.0257		
	30	84	0.0331		
	40	53	0.0208		
	50	28	0.0111		
Reference Frequency: LTE Band 7 QPSK(15MHz) Middle channel=21100 Frequency=2535.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	56	0.0221	±2.5	Pass
	-20	47	0.0185		
	-10	63	0.0248		
	0	55	0.0216		
	10	49	0.0194		
	20	44	0.0174		
	30	42	0.0165		
	40	49	0.0194		
	50	58	0.0229		
Reference Frequency: LTE Band 7 QPSK(20MHz) Middle channel=21100 Frequency=2535.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	49	0.0193	±2.5	Pass
	-20	9	0.0036		
	-10	59	0.0231		
	0	10	0.0040		
	10	80	0.0316		
	20	56	0.0222		
	30	35	0.0137		
	40	34	0.0136		
	50	25	0.0098		

Temperature Variation					
Reference Frequency: LTE Band 26 QPSK(1.4MHz) Middle channel=26865 Frequency=831.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	63	0.0758	±2.5	Pass
	-20	100	0.1205		
	-10	57	0.0682		
	0	39	0.0466		
	10	51	0.0611		
	20	28	0.0331		
	30	66	0.0794		
	40	80	0.0959		
	50	40	0.0475		
Reference Frequency: LTE Band 26 QPSK(3MHz) Middle channel=26865 Frequency=831.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	68	0.0818	±2.5	Pass
	-20	71	0.0850		
	-10	97	0.1171		
	0	36	0.0431		
	10	66	0.0795		
	20	101	0.1214		
	30	72	0.0864		
	40	104	0.1247		
	50	49	0.0587		
Reference Frequency: LTE Band 26 QPSK(5MHz) Middle channel=26865 Frequency=831.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	75	0.0902	±2.5	Pass
	-20	36	0.0433		
	-10	66	0.0799		
	0	80	0.0966		
	10	56	0.0674		
	20	54	0.0647		
	30	50	0.0598		
	40	38	0.0454		
	50	46	0.0551		
Reference Frequency: LTE Band 26 QPSK(10MHz) Middle channel=26865 Frequency=831.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	74	0.0890	±2.5	Pass
	-20	68	0.0822		
	-10	72	0.0862		
	0	49	0.0586		
	10	71	0.0856		
	20	67	0.0806		
	30	57	0.0690		
	40	34	0.0412		
	50	100	0.1200		

Temperature Variation					
Reference Frequency: LTE Band 26 QPSK(15MHz) Middle channel=26865 Frequency=831.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	95	0.1143	±2.5	Pass
	-20	110	0.1325		
	-10	86	0.1035		
	0	81	0.0975		
	10	77	0.0932		
	20	86	0.1029		
	30	132	0.1583		
	40	128	0.1541		
	50	62	0.0747		

Temperature Variation					
Reference Frequency: LTE Band 41 QPSK(5MHz) Middle channel=40620 Frequency=2593.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	48	0.0185	±2.5	Pass
	-20	23	0.0088		
	-10	23	0.0087		
	0	46	0.0176		
	10	35	0.0137		
	20	67	0.0257		
	30	69	0.0266		
	40	13	0.0048		
	50	73	0.0280		
Reference Frequency: LTE Band 41 QPSK(10MHz) Middle channel=40620 Frequency=2593.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	53	0.0204	±2.5	Pass
	-20	39	0.0152		
	-10	22	0.0084		
	0	44	0.0171		
	10	77	0.0298		
	20	72	0.0278		
	30	66	0.0255		
	40	83	0.0319		
	50	79	0.0306		
Reference Frequency: LTE Band 41 QPSK(15MHz) Middle channel=40620 Frequency=2593.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	62	0.0239	±2.5	Pass
	-20	55	0.0213		
	-10	57	0.0219		
	0	22	0.0085		
	10	26	0.0102		
	20	43	0.0167		
	30	57	0.0220		
	40	59	0.0226		
	50	57	0.0219		
Reference Frequency: LTE Band 41 QPSK(20MHz) Middle channel=40620 Frequency=2593.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	83	0.0320	±2.5	Pass
	-20	53	0.0205		
	-10	123	0.0474		
	0	68	0.0263		
	10	107	0.0412		
	20	108	0.0417		
	30	116	0.0448		
	40	61	0.0236		
	50	104	0.0403		

Voltage Variation					
Reference Frequency: LTE Band 2 QPSK(1.4MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	56	0.0298	±2.5	Pass
	3.85	86	0.0459		
	4.20	84	0.0447		
Reference Frequency: LTE Band 2 QPSK(3MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	49	0.0258	±2.5	Pass
	3.85	50	0.0266		
	4.20	55	0.0291		
Reference Frequency: LTE Band 2 QPSK(5MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	58	0.0306	±2.5	Pass
	3.85	53	0.0280		
	4.20	94	0.0503		
Reference Frequency: LTE Band 2 QPSK(10MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	75	0.0399	±2.5	Pass
	3.85	68	0.0362		
	4.20	72	0.0383		
Reference Frequency: LTE Band 2 QPSK(15MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	81	0.0430	±2.5	Pass
	3.85	80	0.0427		
	4.20	72	0.0385		
Reference Frequency: LTE Band 2 QPSK(20MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	63	0.0335	±2.5	Pass
	3.85	45	0.0237		
	4.20	69	0.0369		

Voltage Variation					
Reference Frequency: LTE Band 4 QPSK(1.4MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	71	0.0410	±2.5	Pass
	3.85	50	0.0289		
	4.20	85	0.0493		
Reference Frequency: LTE Band 4 QPSK(3MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	37	0.0214	±2.5	Pass
	3.85	72	0.0414		
	4.20	106	0.0614		
Reference Frequency: LTE Band 4 QPSK(5MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	58	0.0335	±2.5	Pass
	3.85	72	0.0414		
	4.20	54	0.0312		
Reference Frequency: LTE Band 4 QPSK(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	70	0.0404	±2.5	Pass
	3.85	36	0.0207		
	4.20	47	0.0269		
Reference Frequency: LTE Band 4 QPSK(15MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	34	0.0199	±2.5	Pass
	3.85	85	0.0489		
	4.20	53	0.0308		
Reference Frequency: LTE Band 4 QPSK(20MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	62	0.0359	±2.5	Pass
	3.85	87	0.0501		
	4.20	107	0.0620		

Voltage Variation					
Reference Frequency: LTE Band 5 QPSK(1.4MHz) Middle channel=20525 Frequency=836.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	86	0.1028	±2.5	Pass
	3.85	49	0.0585		
	4.20	91	0.1084		
Reference Frequency: LTE Band 5 QPSK(3MHz) Middle channel=20525 Frequency=836.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	103	0.1230	±2.5	Pass
	3.85	86	0.1033		
	4.20	51	0.0614		
Reference Frequency: LTE Band 5 QPSK(5MHz) Middle channel=20525 Frequency=836.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	48	0.0577	±2.5	Pass
	3.85	122	0.1453		
	4.20	75	0.0895		
Reference Frequency: LTE Band 5 QPSK(10MHz) Middle channel=20525 Frequency=836.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	96	0.1148	±2.5	Pass
	3.85	88	0.1051		
	4.20	79	0.0946		

Voltage Variation					
Reference Frequency: LTE Band 7 QPSK(5MHz) Middle channel=21100 Frequency=2535.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	59	0.0233	±2.5	Pass
	3.85	25	0.0097		
	4.20	90	0.0357		
Reference Frequency: LTE Band 7 QPSK(10MHz) Middle channel=21100 Frequency=2535.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	67	0.0264	±2.5	Pass
	3.85	74	0.0292		
	4.20	47	0.0186		
Reference Frequency: LTE Band 7 QPSK(15MHz) Middle channel=21100 Frequency=2535.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	79	0.0311	±2.5	Pass
	3.85	21	0.0084		
	4.20	43	0.0170		
Reference Frequency: LTE Band 7 QPSK(20MHz) Middle channel=21100 Frequency=2535.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	85	0.0333	±2.5	Pass
	3.85	27	0.0105		
	4.20	34	0.0135		

Voltage Variation					
Reference Frequency: LTE Band 26 QPSK(1.4MHz) Middle channel=26865 Frequency=831.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	89	0.1070	±2.5	Pass
	3.85	117	0.1407		
	4.20	105	0.1261		
Reference Frequency: LTE Band 26 QPSK(3MHz) Middle channel=26865 Frequency=831.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	79	0.0945	±2.5	Pass
	3.85	57	0.0686		
	4.20	98	0.1177		
Reference Frequency: LTE Band 26 QPSK(5MHz) Middle channel=26865 Frequency=831.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	116	0.1398	±2.5	Pass
	3.85	97	0.1170		
	4.20	69	0.0826		
Reference Frequency: LTE Band 26 QPSK(10MHz) Middle channel=26865 Frequency=831.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	51	0.0619	±2.5	Pass
	3.85	37	0.0447		
	4.20	75	0.0902		
Reference Frequency: LTE Band 26 QPSK(15MHz) Middle channel=26865 Frequency=831.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	79	0.0950	±2.5	Pass
	3.85	53	0.0632		
	4.20	75	0.0898		

Voltage Variation					
Reference Frequency: LTE Band 41 QPSK(5MHz) Middle channel=40620 Frequency=2593.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	97	0.0374	±2.5	Pass
	3.85	95	0.0368		
	4.20	78	0.0300		
Reference Frequency: LTE Band 41 QPSK(10MHz) Middle channel=40620 Frequency=2593.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	131	0.0505	±2.5	Pass
	3.85	71	0.0274		
	4.20	127	0.0491		
Reference Frequency: LTE Band 41 QPSK(15MHz) Middle channel=40620 Frequency=2593.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	134	0.0516	±2.5	Pass
	3.85	78	0.0301		
	4.20	86	0.0330		
Reference Frequency: LTE Band 41 QPSK(20MHz) Middle channel=40620 Frequency=2593.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	112	0.0432	±2.5	Pass
	3.85	131	0.0506		
	4.20	99	0.0381		

-----End of Report-----