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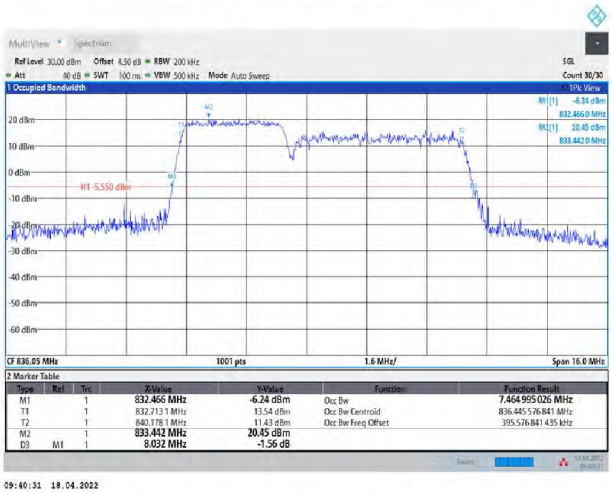

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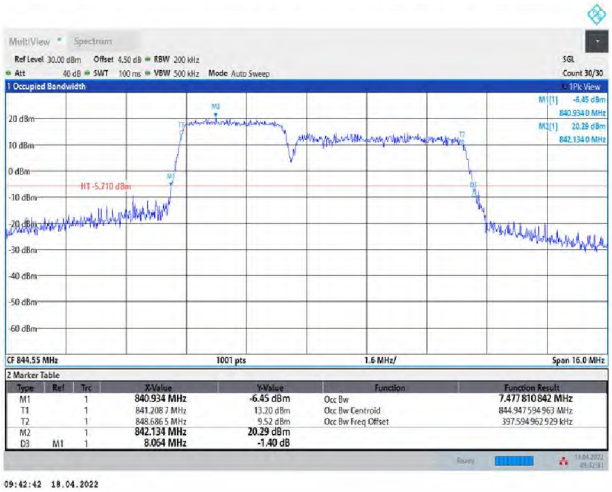

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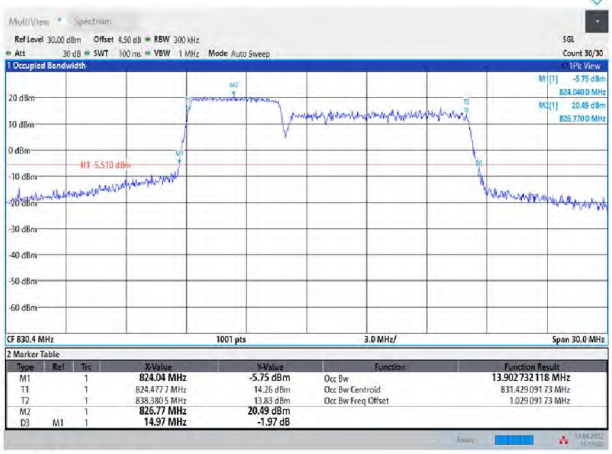

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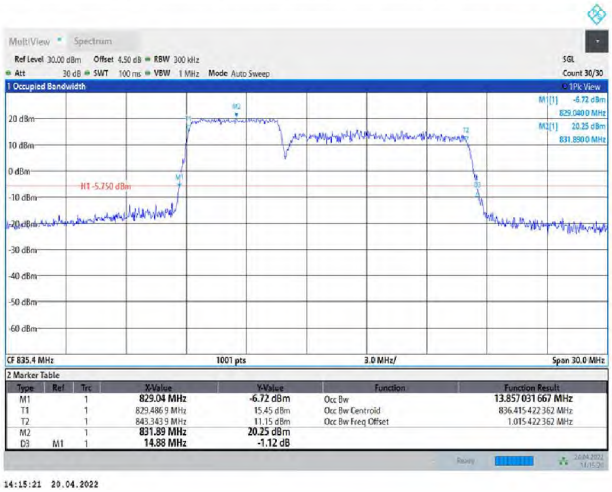

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5-5-5MHz-10MHz-16QAM-16QAM-20428-20500-25RB#0-50RB#0

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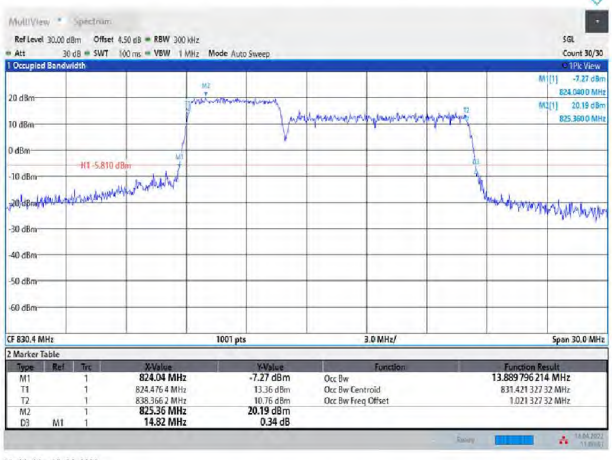

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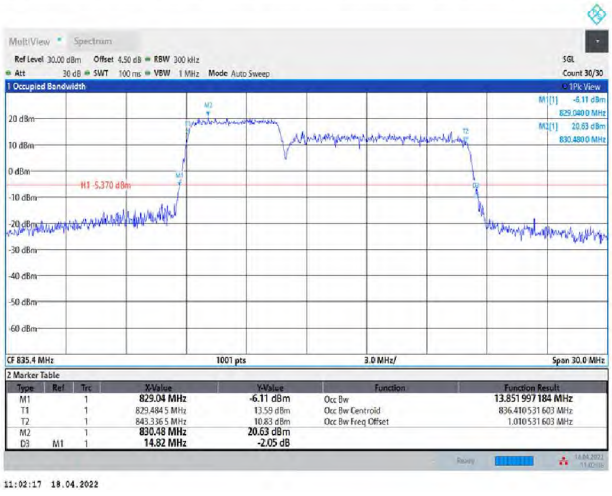

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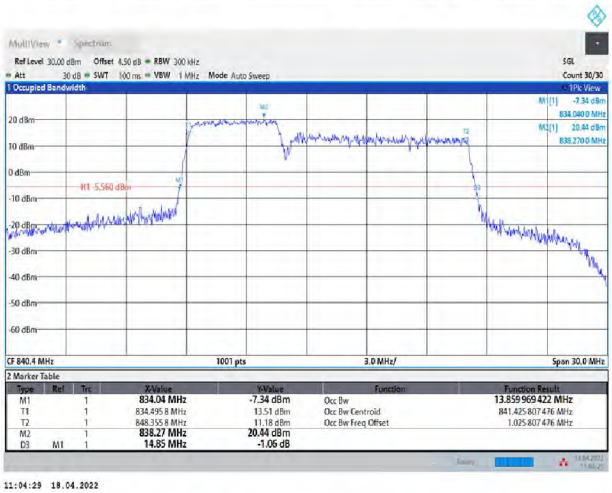

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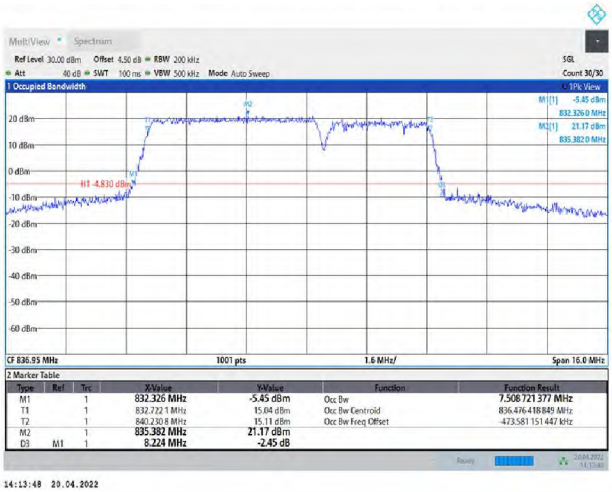

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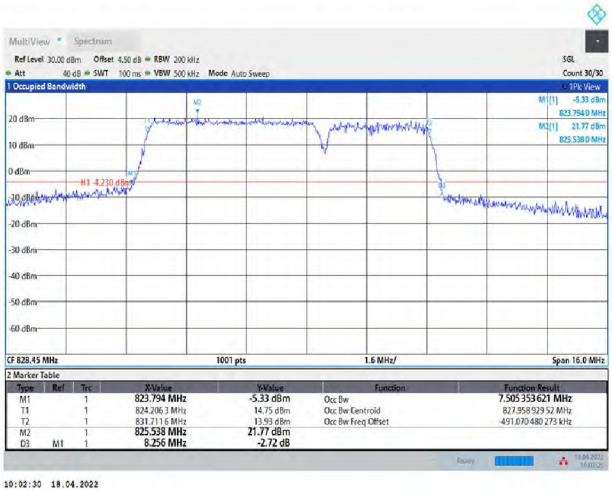

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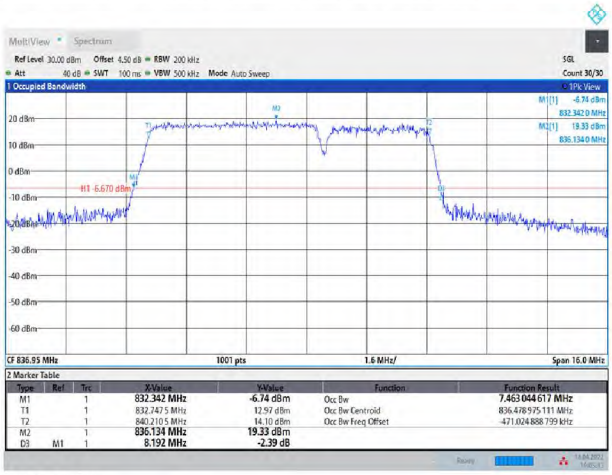

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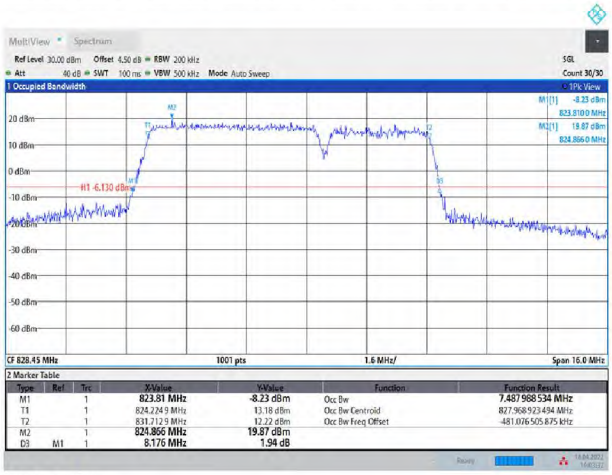

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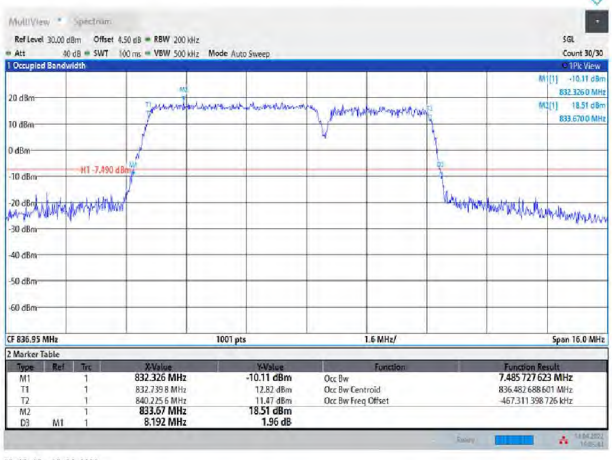

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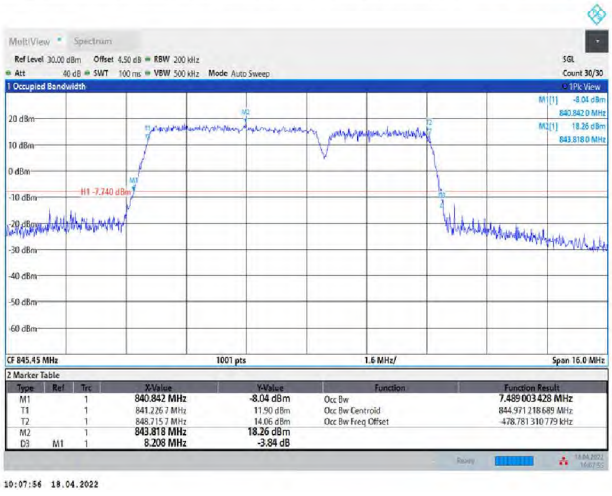

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Band Edge

Test Graphs

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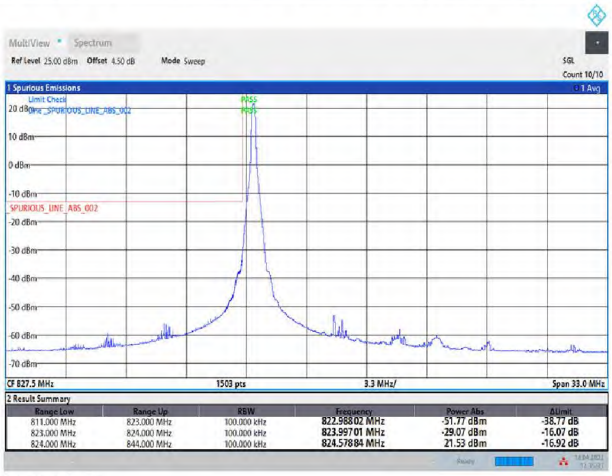

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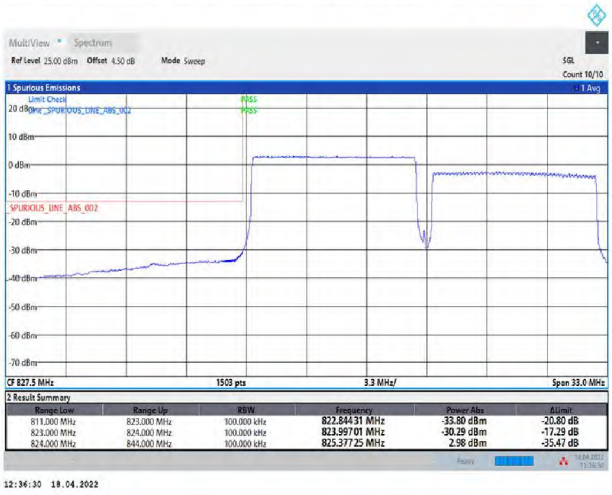

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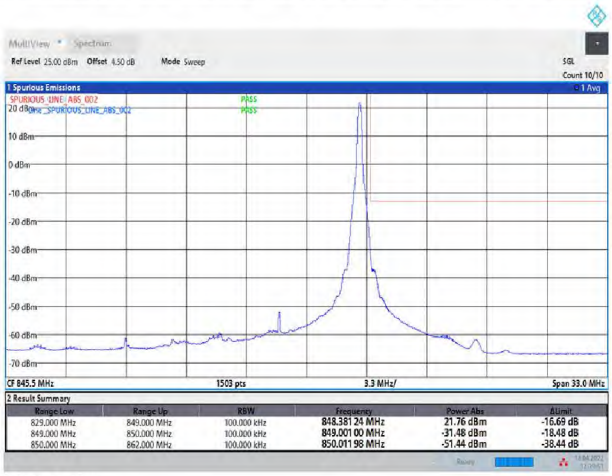

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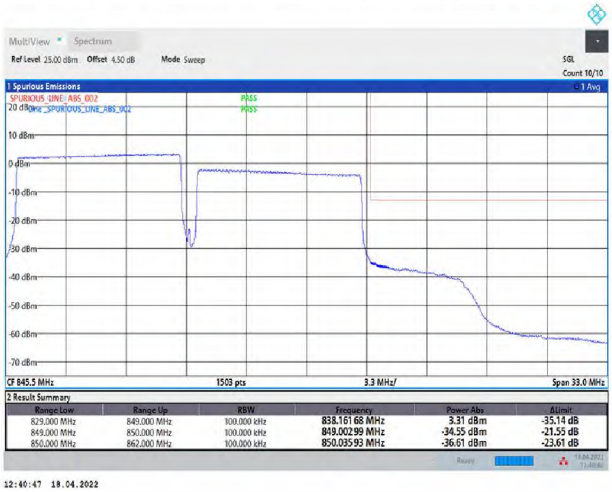

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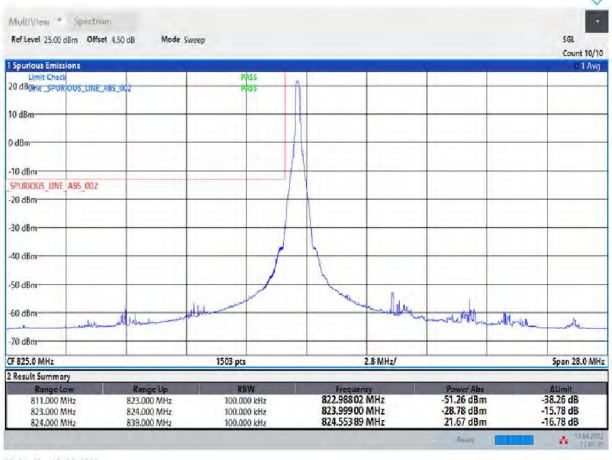

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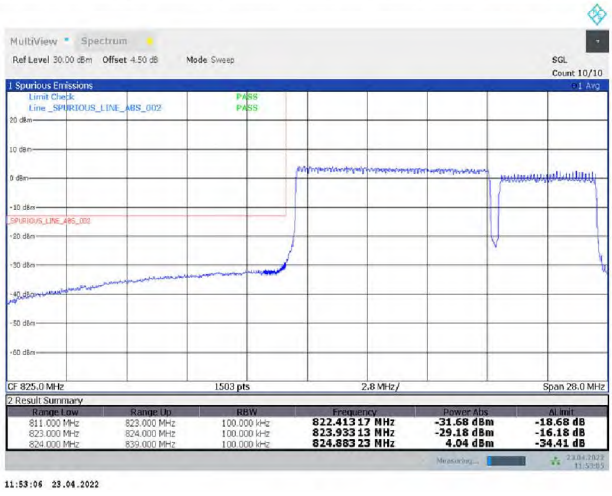

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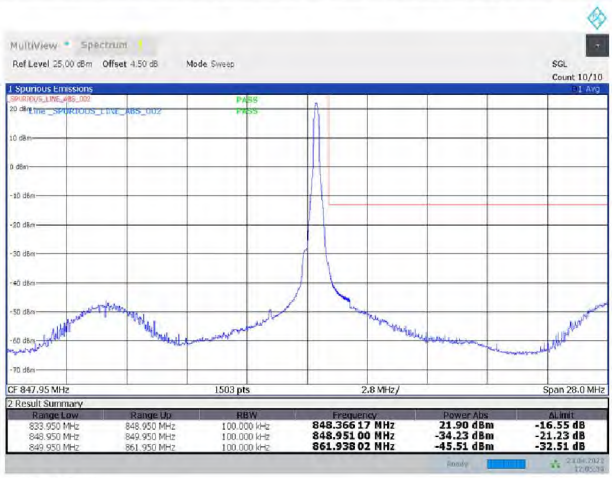

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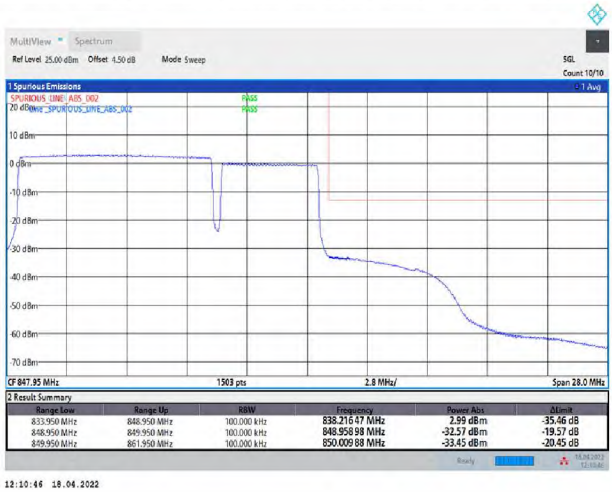

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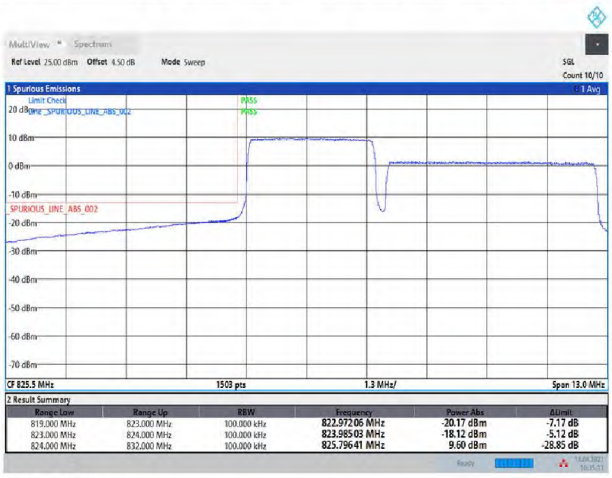
5-5-3MHz-5MHz-QPSK-QPSK-20416-20455-15RB#0-25RB#0



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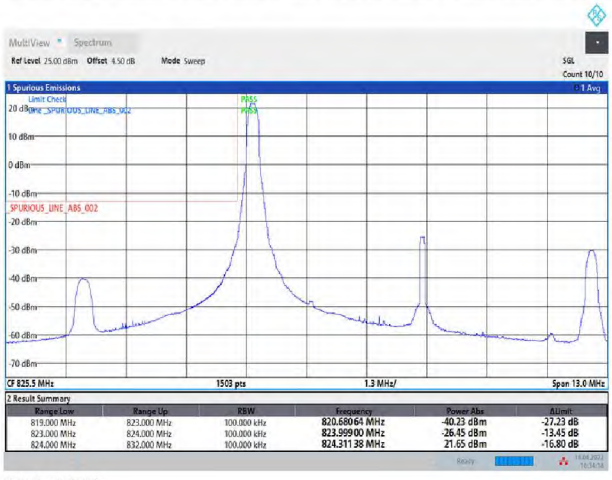

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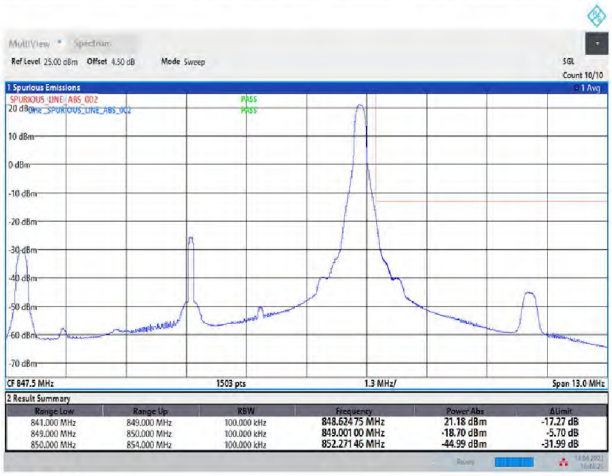

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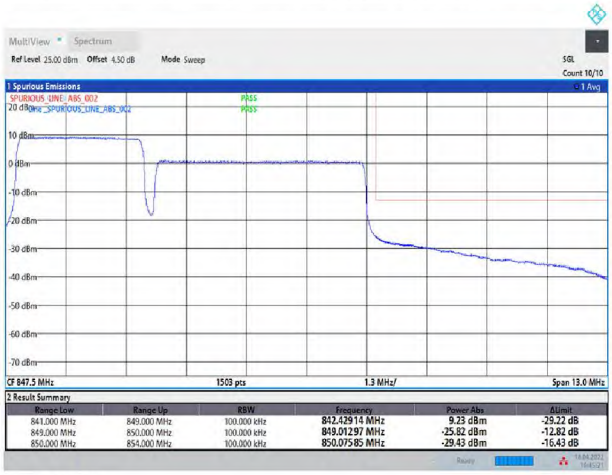

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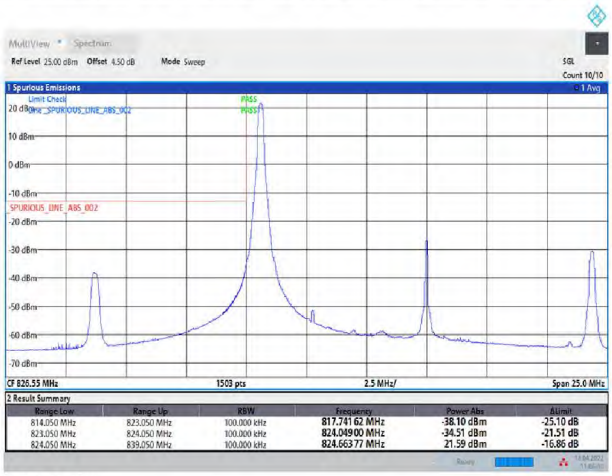

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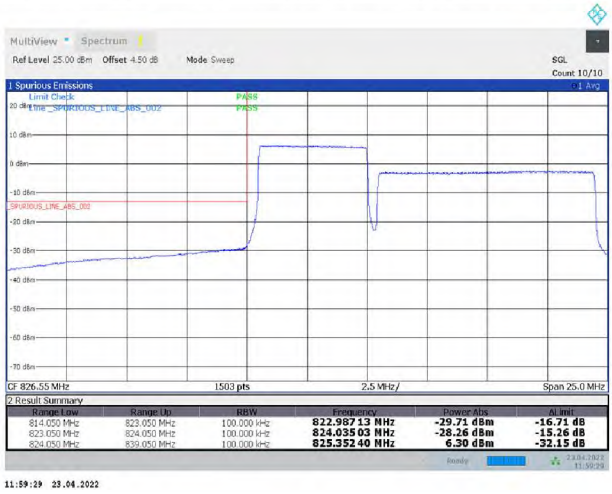

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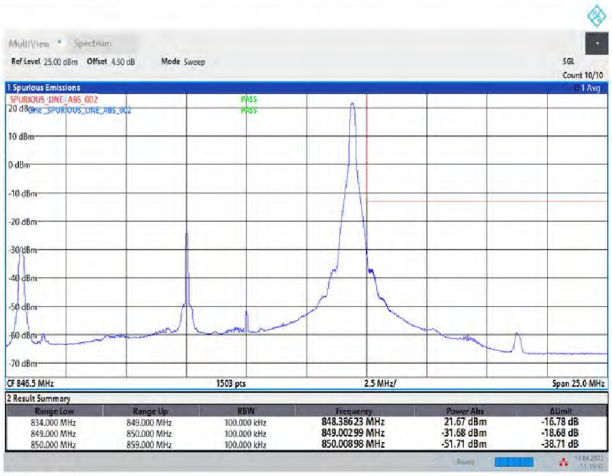

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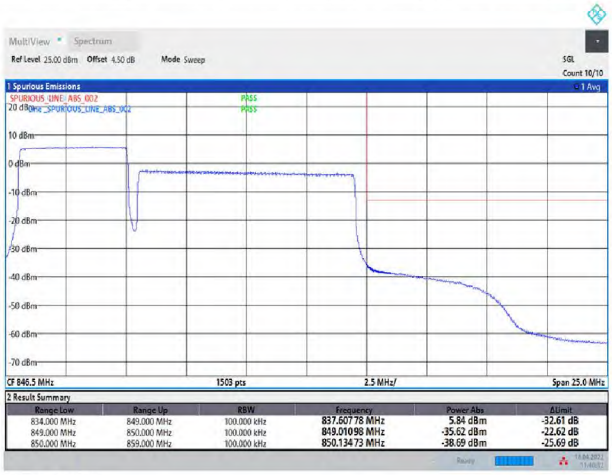

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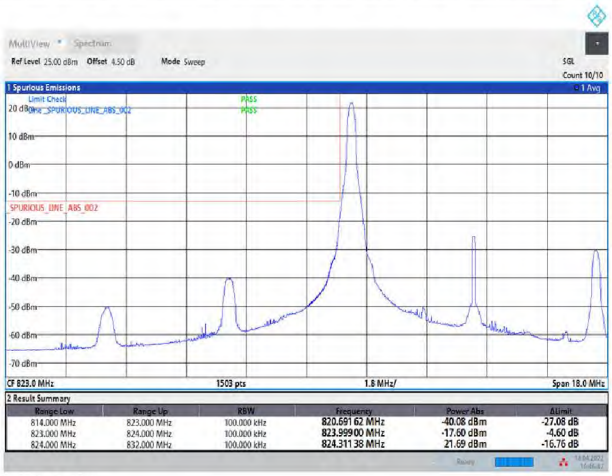

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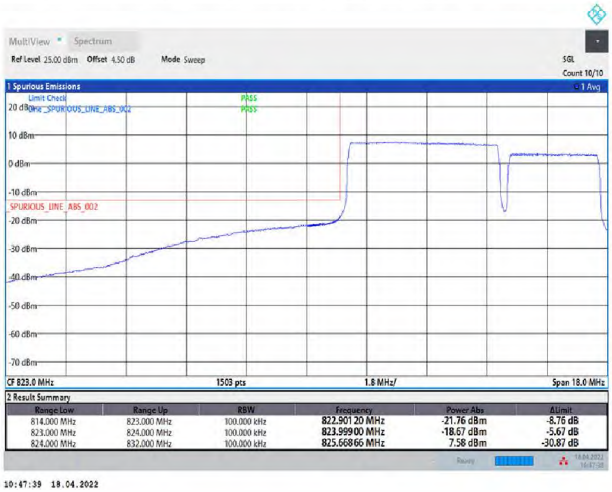

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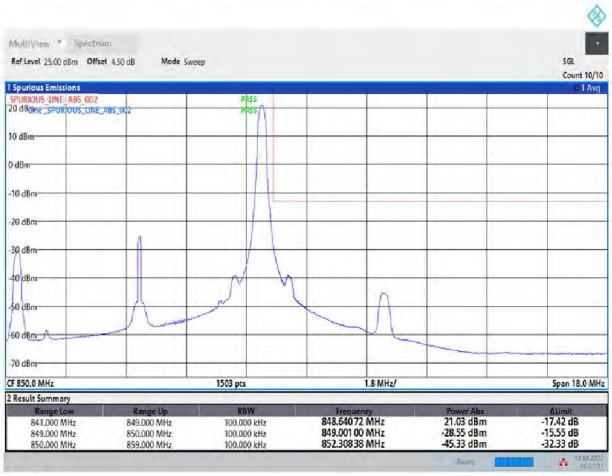

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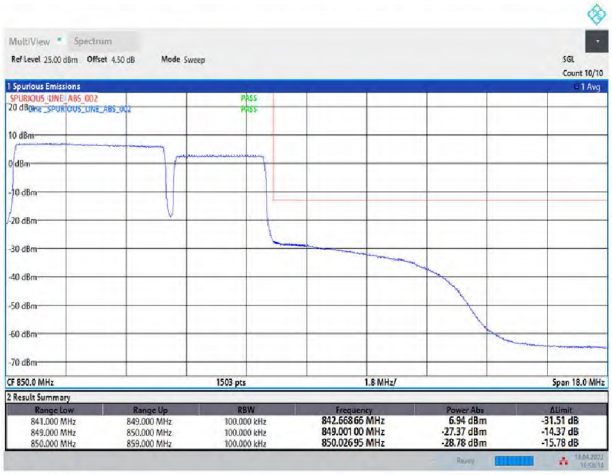

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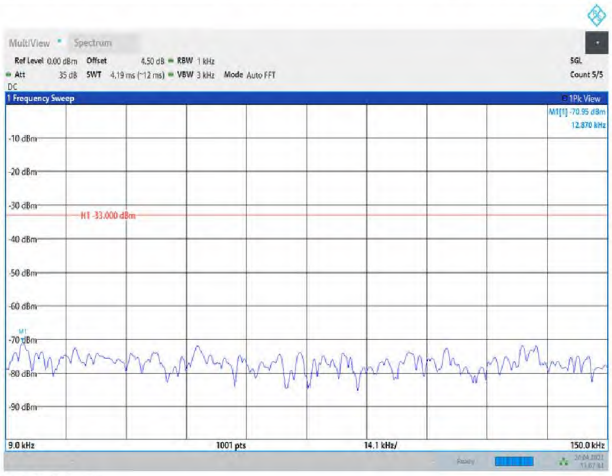
Member of the SGS Group (SGS SA)

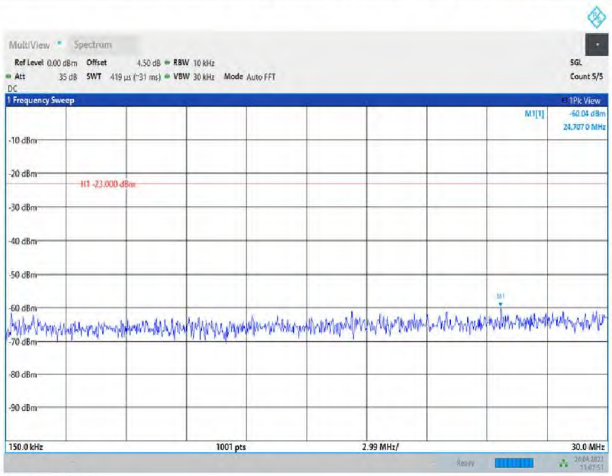
Conducted Spurious Emission

Test Graphs

5-5-10MHz-10MHz-QPSK-QPSK-20450-20549-1RB#0-0RB#0-0.009~0.15MHz



5-5-10MHz-10MHz-QPSK-QPSK-20450-20549-1RB#0-0RB#0-0.15~30MHz



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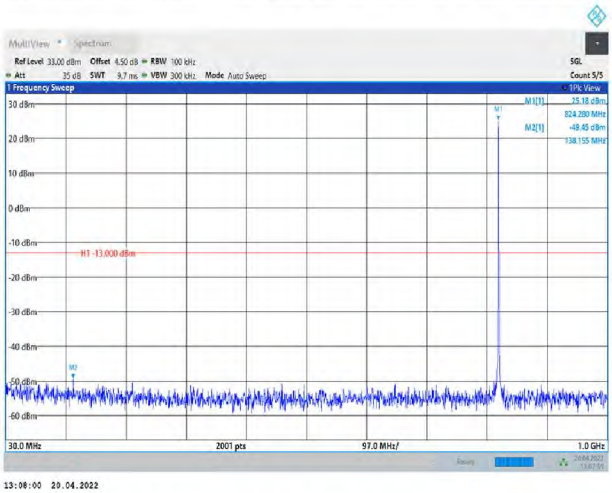
5-5-10MHz-10MHz-QPSK-QPSK-20450-20549-1RB#0-0RB#0-30~1000MHz


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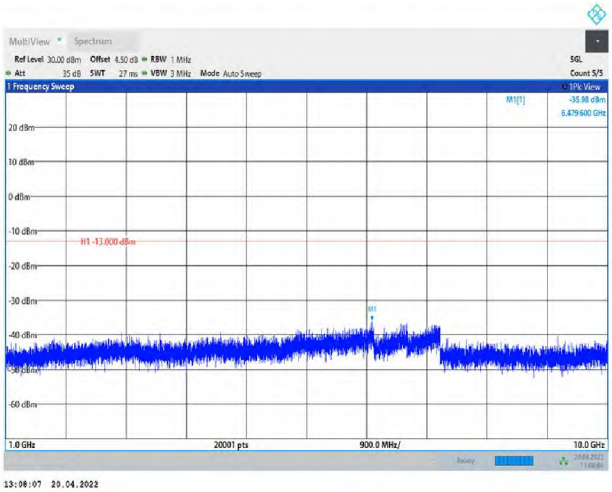

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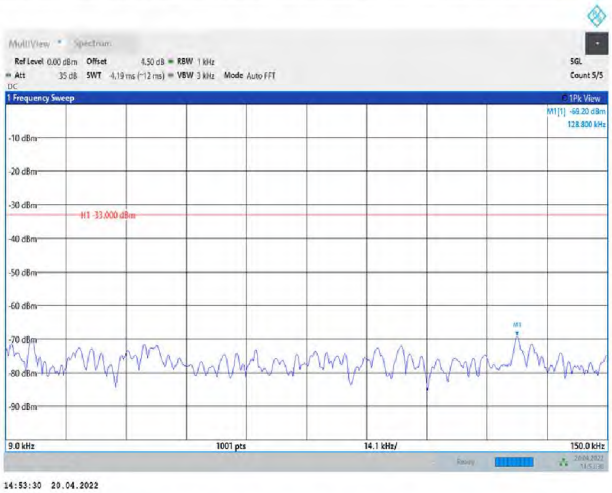
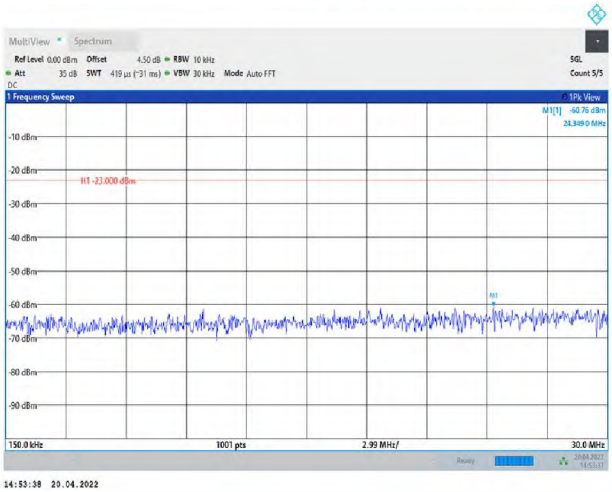
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0-0.009~0.15MHz


5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0-0.15~30MHz


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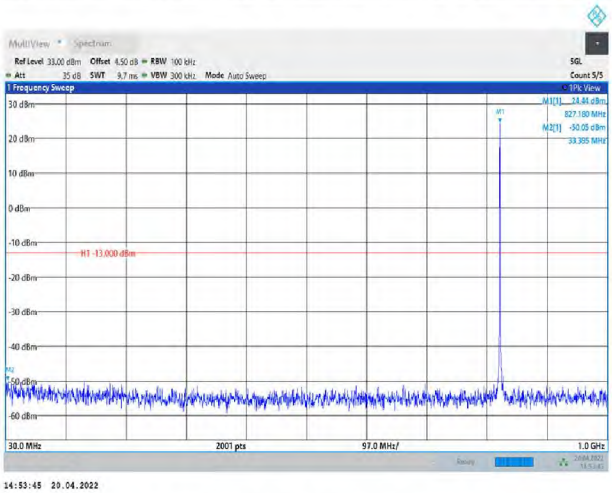
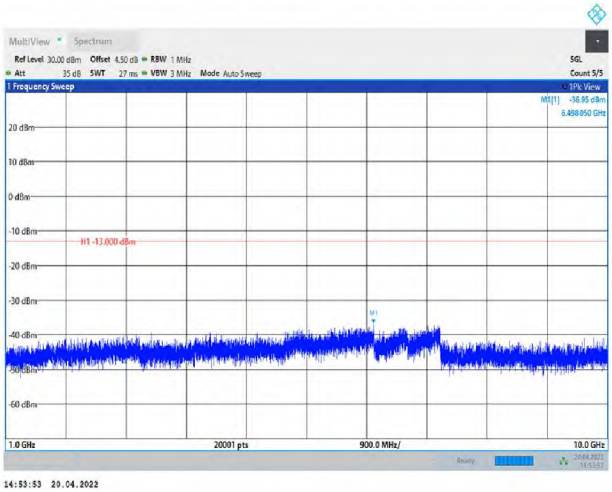
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0-30~1000MHz


5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0-1000~10000MHz


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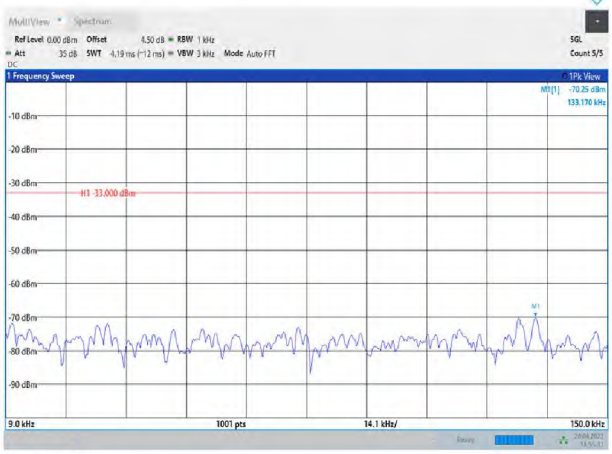
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-0RB#0-0.009~0.15MHz



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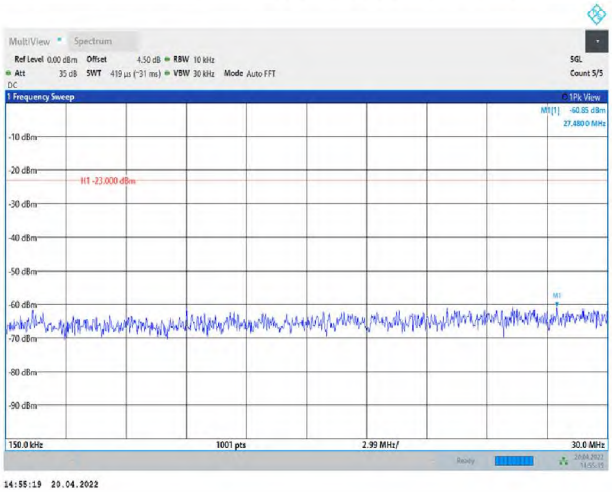

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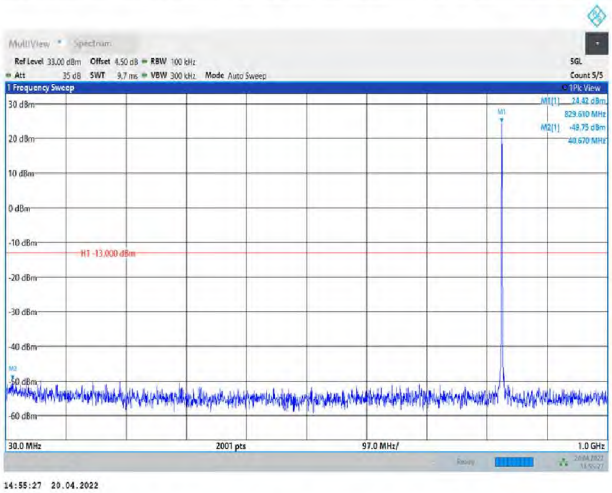
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-0RB#0-30~1000MHz


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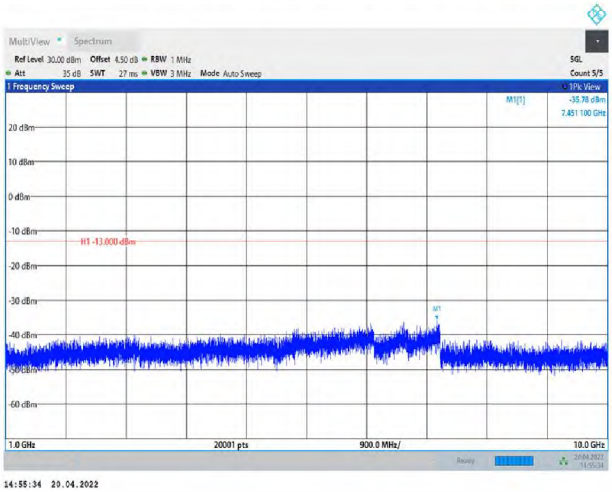

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Field Strength of Spurious Radiation

Test Band = UL CA Band 5B_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.18	56.97	-118.07	-61.10	-13.00	48.10	263	227	Horizontal
2	2436	57.62	-114.77	-57.15	-13.00	44.15	251	341	Horizontal
3	3298.36	52.23	-111.89	-59.66	-13.00	46.66	175	123	Horizontal
4	4122.95	49.52	-109.80	-60.28	-13.00	47.28	262	310	Horizontal
5	4947.54	51.36	-107.87	-56.51	-13.00	43.51	241	196	Horizontal
6	5772.1	50.77	-105.31	-54.54	-13.00	41.54	186	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.18	54.35	-118.07	-63.72	-13.00	50.72	263	360	Vertical
2	2432	67.49	-114.81	-47.32	-13.00	34.32	251	177	Vertical
3	3298.36	51.85	-111.89	-60.04	-13.00	47.04	174	71	Vertical
4	4122.95	48.93	-109.80	-60.87	-13.00	47.87	262	39	Vertical
5	4947.54	51.03	-107.87	-56.84	-13.00	43.84	251	126	Vertical
6	5772.1	50.28	-105.31	-55.03	-13.00	42.03	184	227	Vertical

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Test Band = UL CA Band 5B_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	58.01	-118.06	-60.05	-13.00	47.05	263	235	Horizontal
2	2481.57	56.25	-114.29	-58.04	-13.00	45.04	251	111	Horizontal
3	3308.76	51.91	-111.91	-60.00	-13.00	47.00	174	235	Horizontal
4	4135.95	48.87	-109.74	-60.87	-13.00	47.87	186	193	Horizontal
5	4963.14	51.61	-107.81	-56.20	-13.00	43.20	264	0	Horizontal
6	5790.33	51.19	-105.24	-54.05	-13.00	41.05	188	308	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.36	53.29	-118.05	-64.76	-13.00	51.76	262	123	Vertical
2	2454	65.78	-114.58	-48.80	-13.00	35.80	268	290	Vertical
3	3308.76	50.80	-111.91	-61.11	-13.00	48.11	284	228	Vertical
4	4135.95	49.54	-109.74	-60.20	-13.00	47.20	176	360	Vertical
5	4963.14	50.70	-107.81	-57.11	-13.00	44.11	362	218	Vertical
6	5790.33	50.70	-105.24	-54.54	-13.00	41.54	305	348	Vertical

检验检测专用章 Inspection & Testing Services

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Test Band = UL CA Band 5B_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1749.38	52.86	-118.03	-65.17	-13.00	52.17	263	207	Horizontal
2	2624.07	52.28	-114.12	-61.84	-13.00	48.84	251	1	Horizontal
3	3498.76	50.83	-111.91	-61.08	-13.00	48.08	142	331	Horizontal
4	4373.45	49.62	-108.89	-59.27	-13.00	46.27	262	29	Horizontal
5	5248.14	51.61	-106.72	-55.11	-13.00	42.11	281	12	Horizontal
6	6122.83	49.70	-103.73	-54.03	-13.00	41.03	176	186	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1749.38	53.39	-118.03	-64.64	-13.00	51.64	263	90	Vertical
2	2624.07	52.29	-114.12	-61.83	-13.00	48.83	251	50	Vertical
3	3498.76	50.93	-111.91	-60.98	-13.00	47.98	174	175	Vertical
4	4373.45	49.97	-108.89	-58.92	-13.00	45.92	284	300	Vertical
5	5248.14	52.01	-106.72	-54.71	-13.00	41.71	264	319	Vertical
6	6122.83	50.15	-103.73	-53.58	-13.00	40.58	188	3	Vertical

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Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VH	NT	0.72	0.000866	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VL	NT	0.73	0.000878	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VN	NT	0.01	0.000012	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	-30	0.40	0.000481	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	-20	0.63	0.000758	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	-10	0.47	0.000565	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	0	0.66	0.000794	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	10	0.97	0.001166	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-	NV	20	0.65	0.000782	±2.5	PASS

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				50RB#0						
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0 - 50RB#0	NV	30	0.49	0.000589	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0 - 50RB#0	NV	40	0.04	0.000048	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0 - 50RB#0	NV	50	0.53	0.000637	±2.5	PASS

The End

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