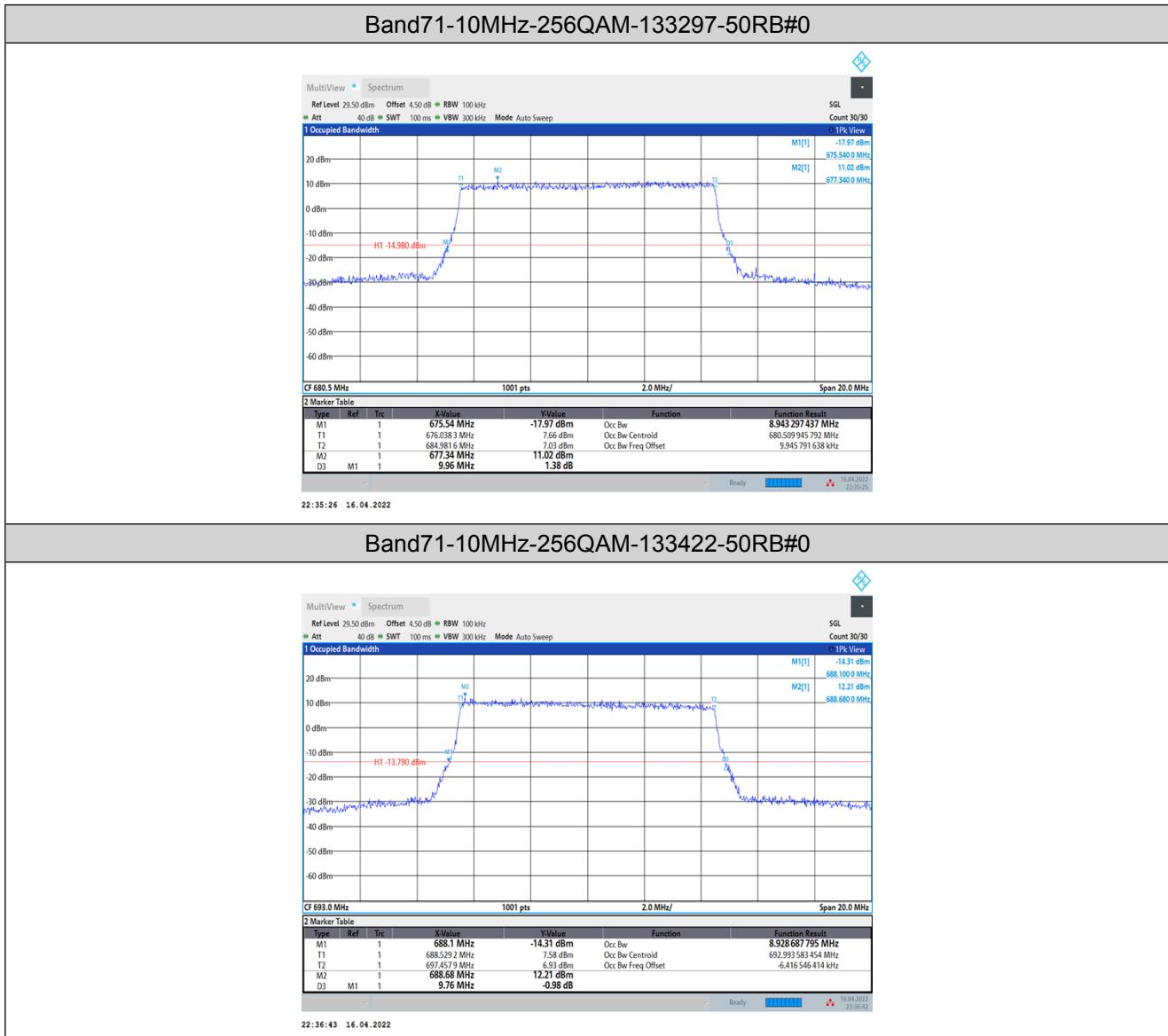


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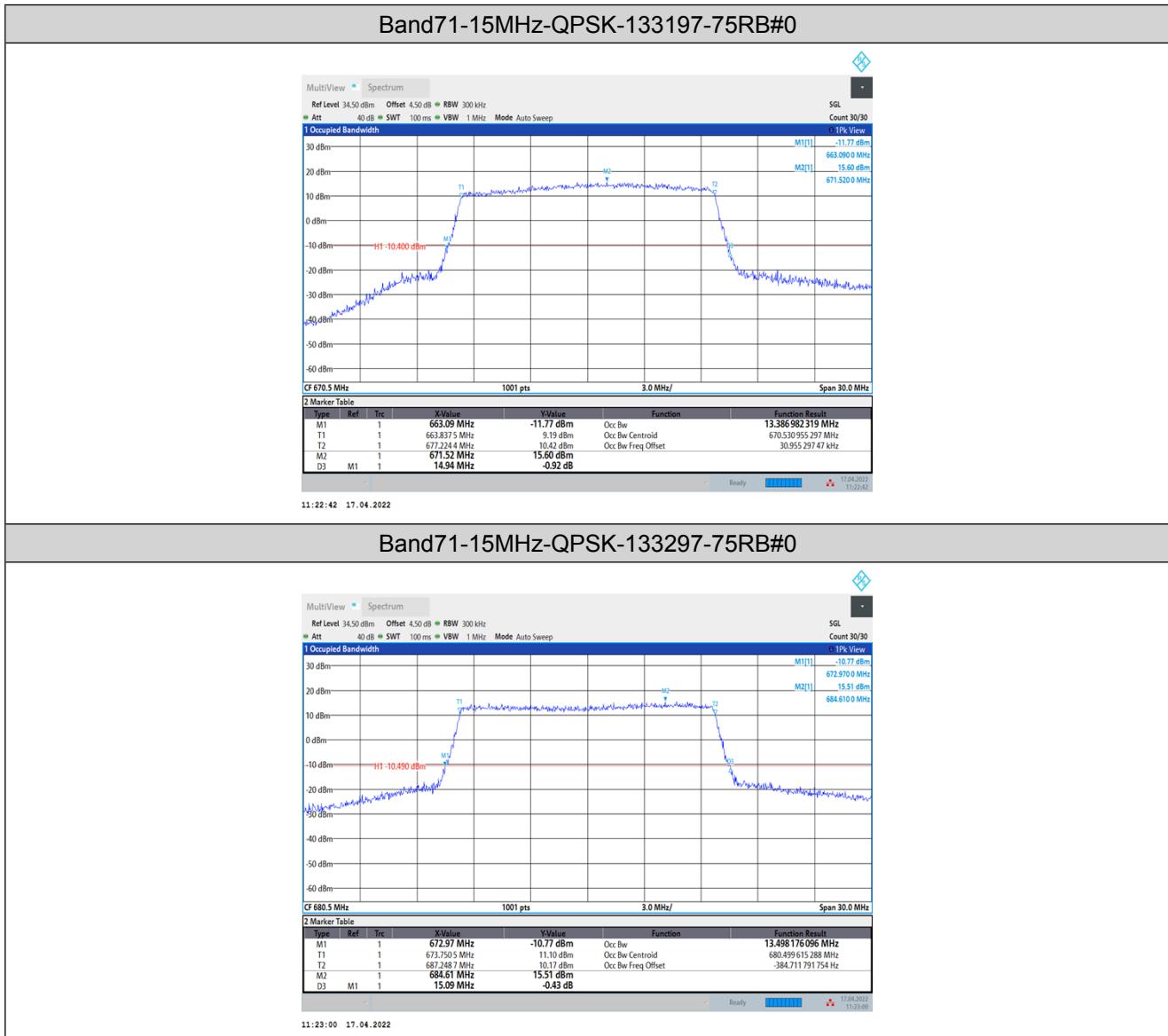


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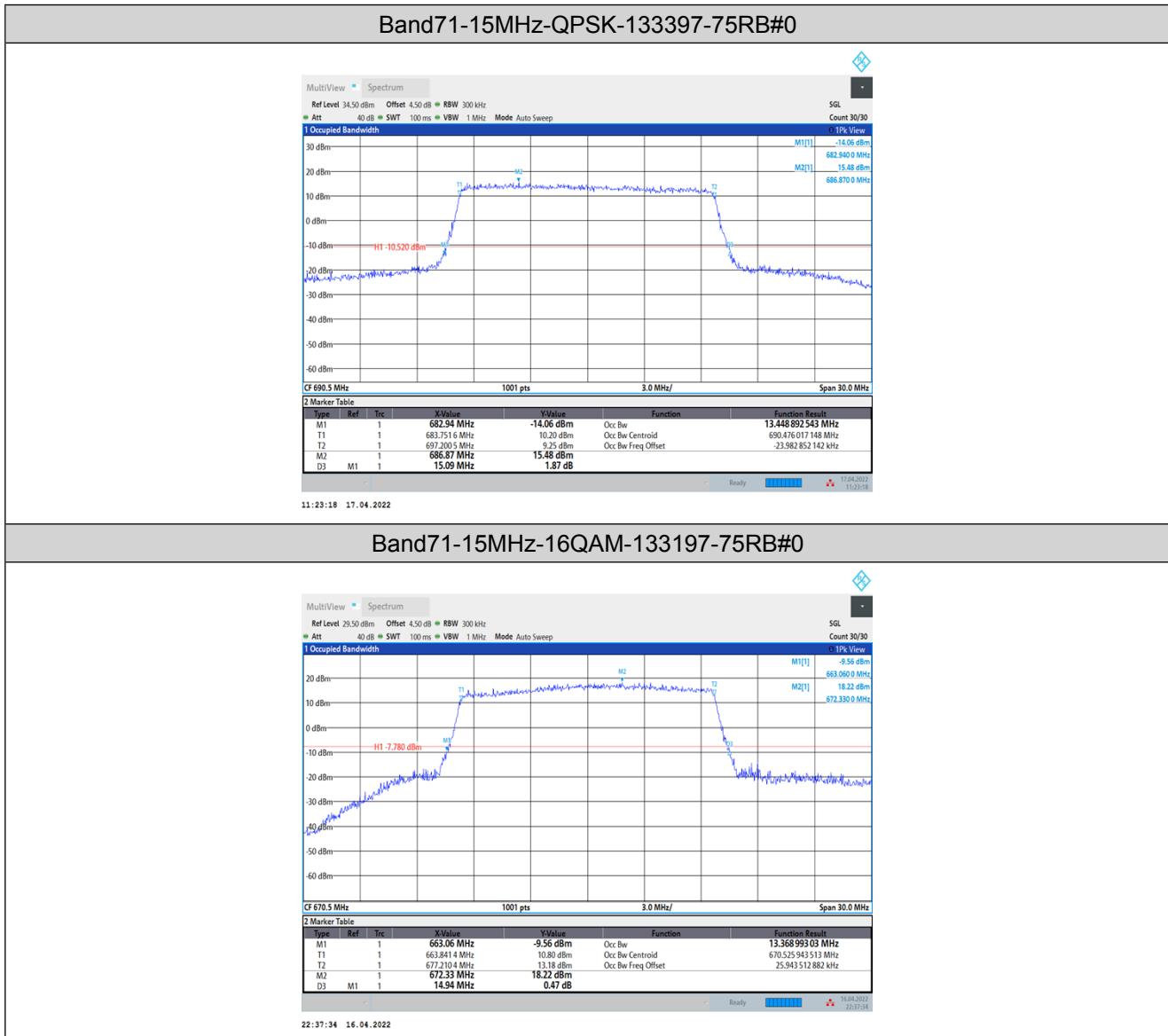


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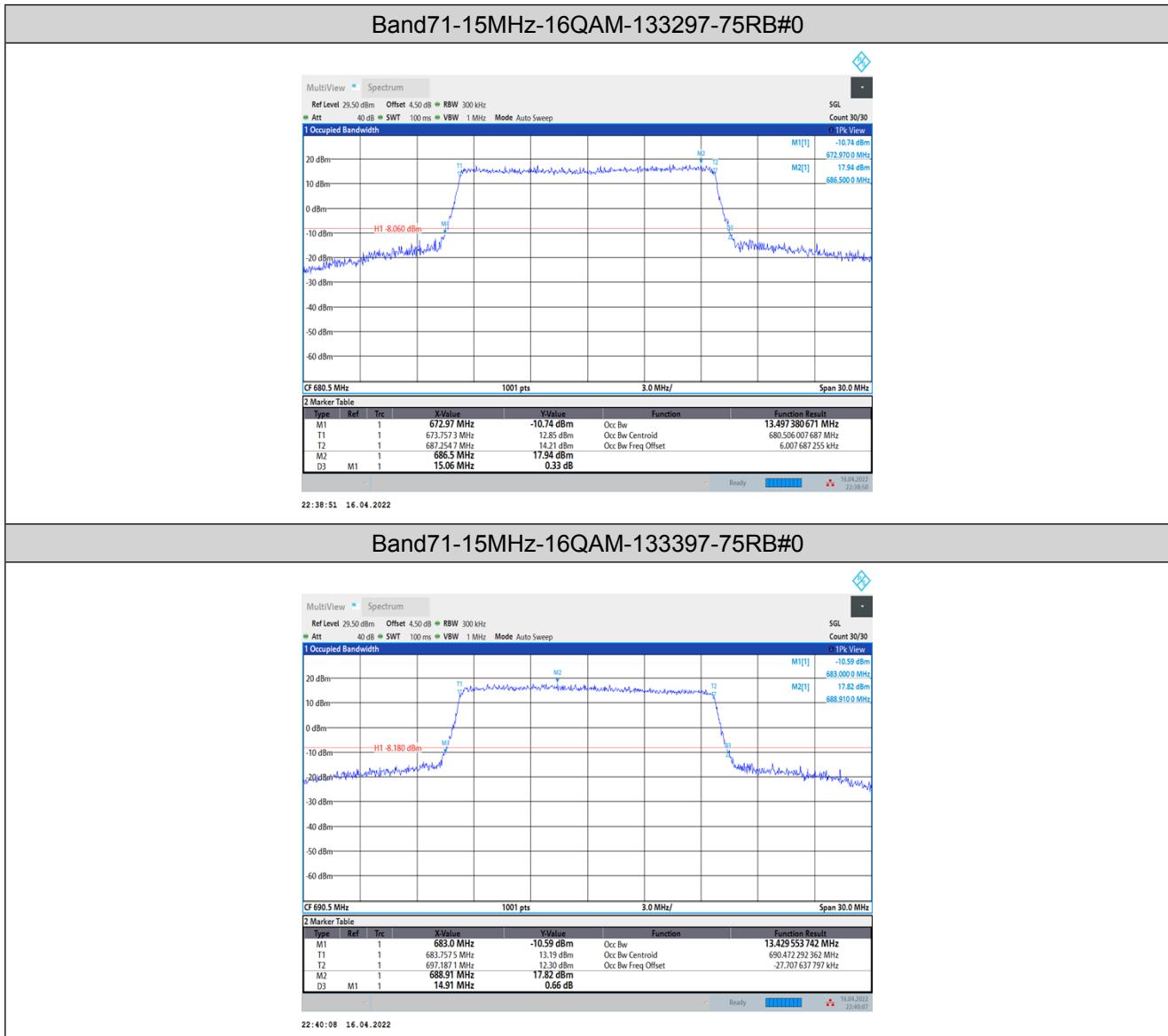


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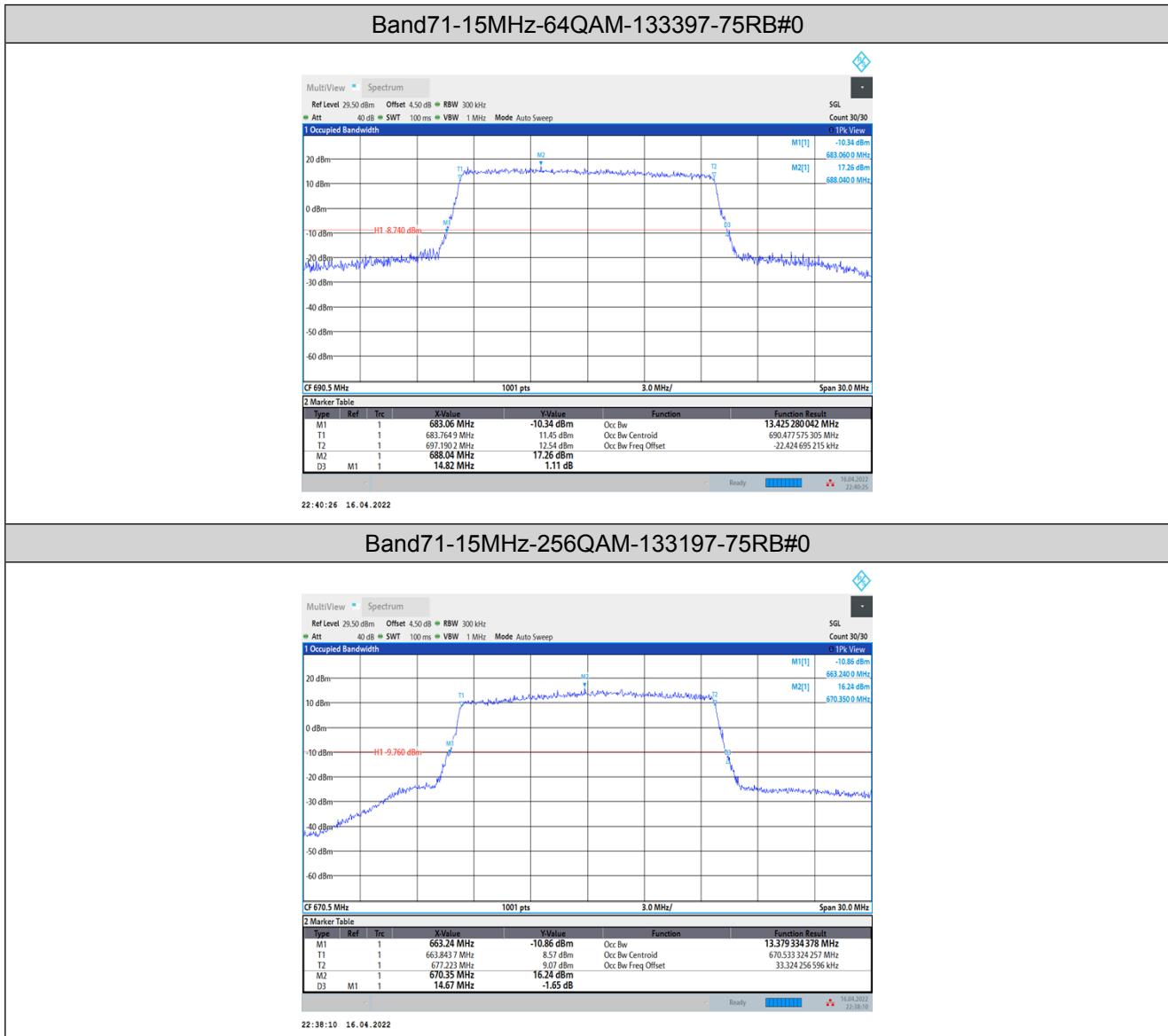


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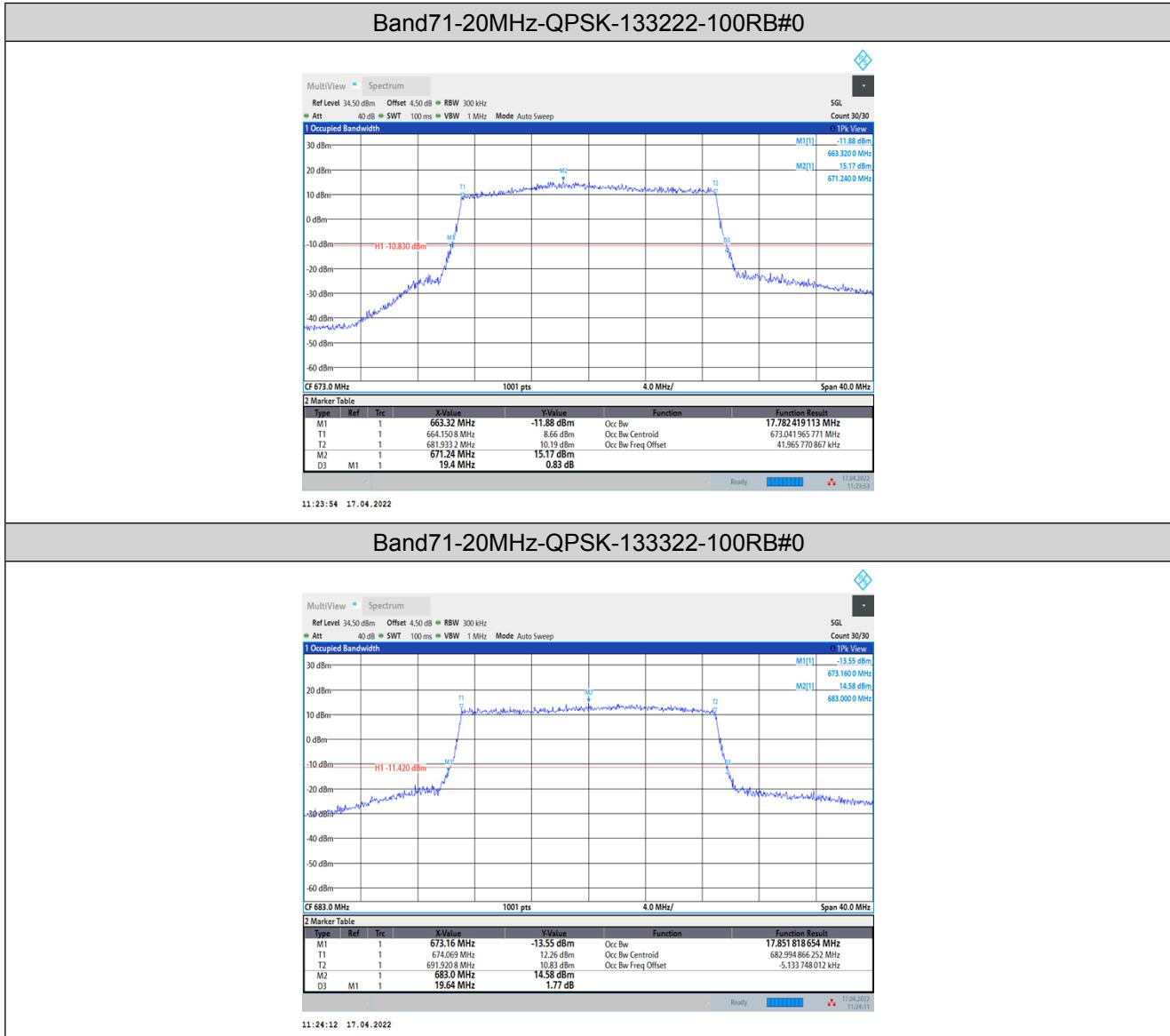


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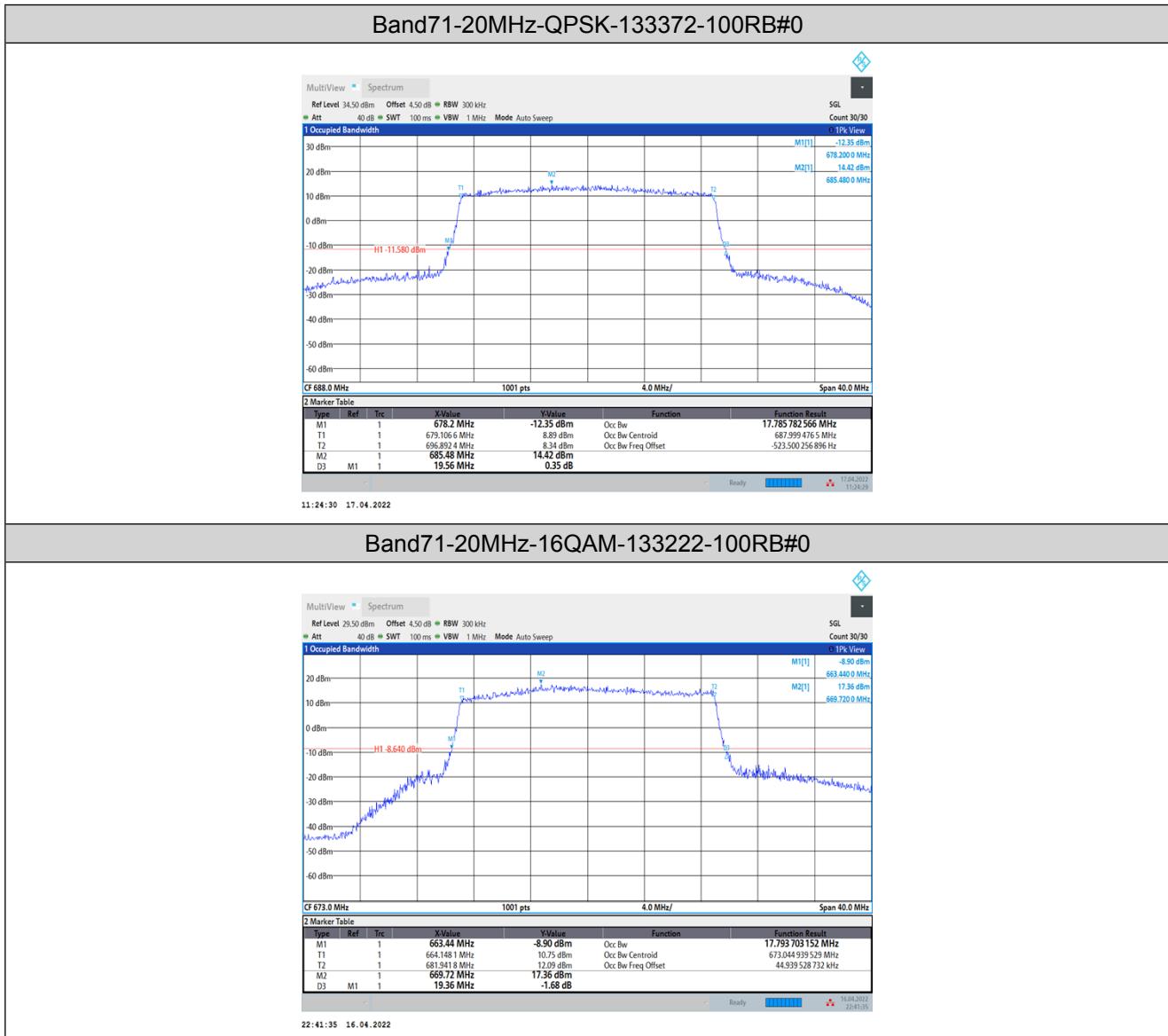


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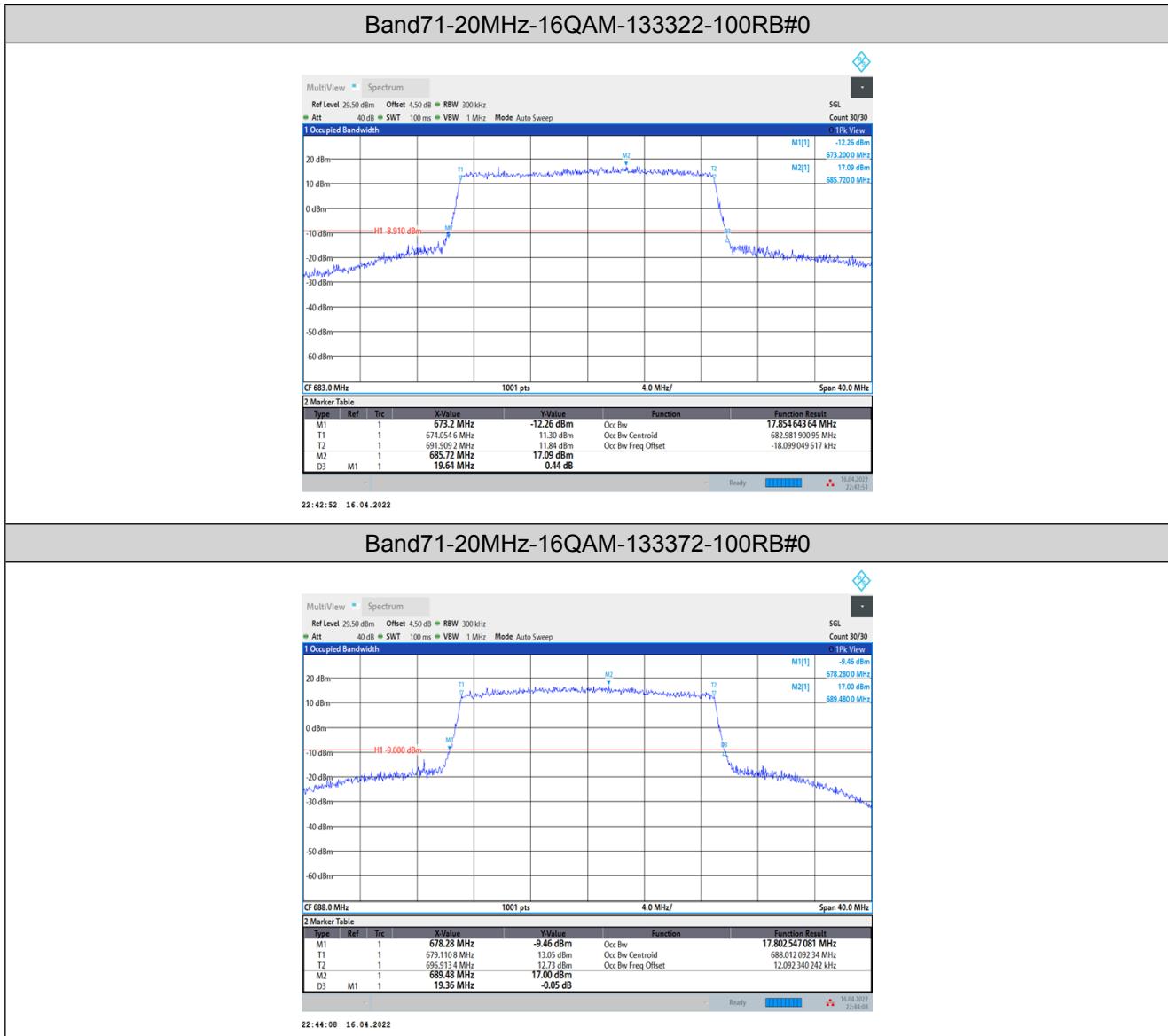
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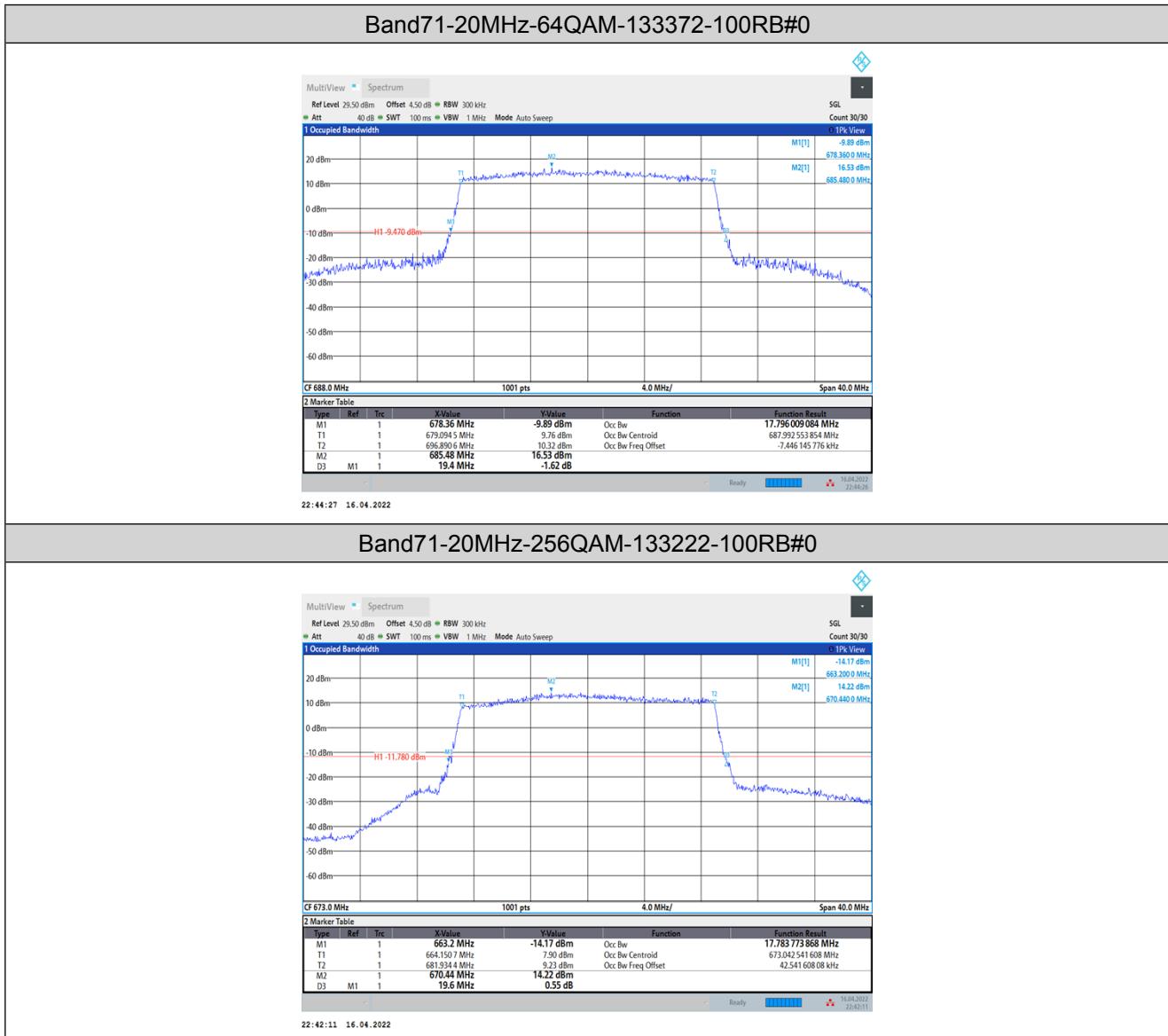


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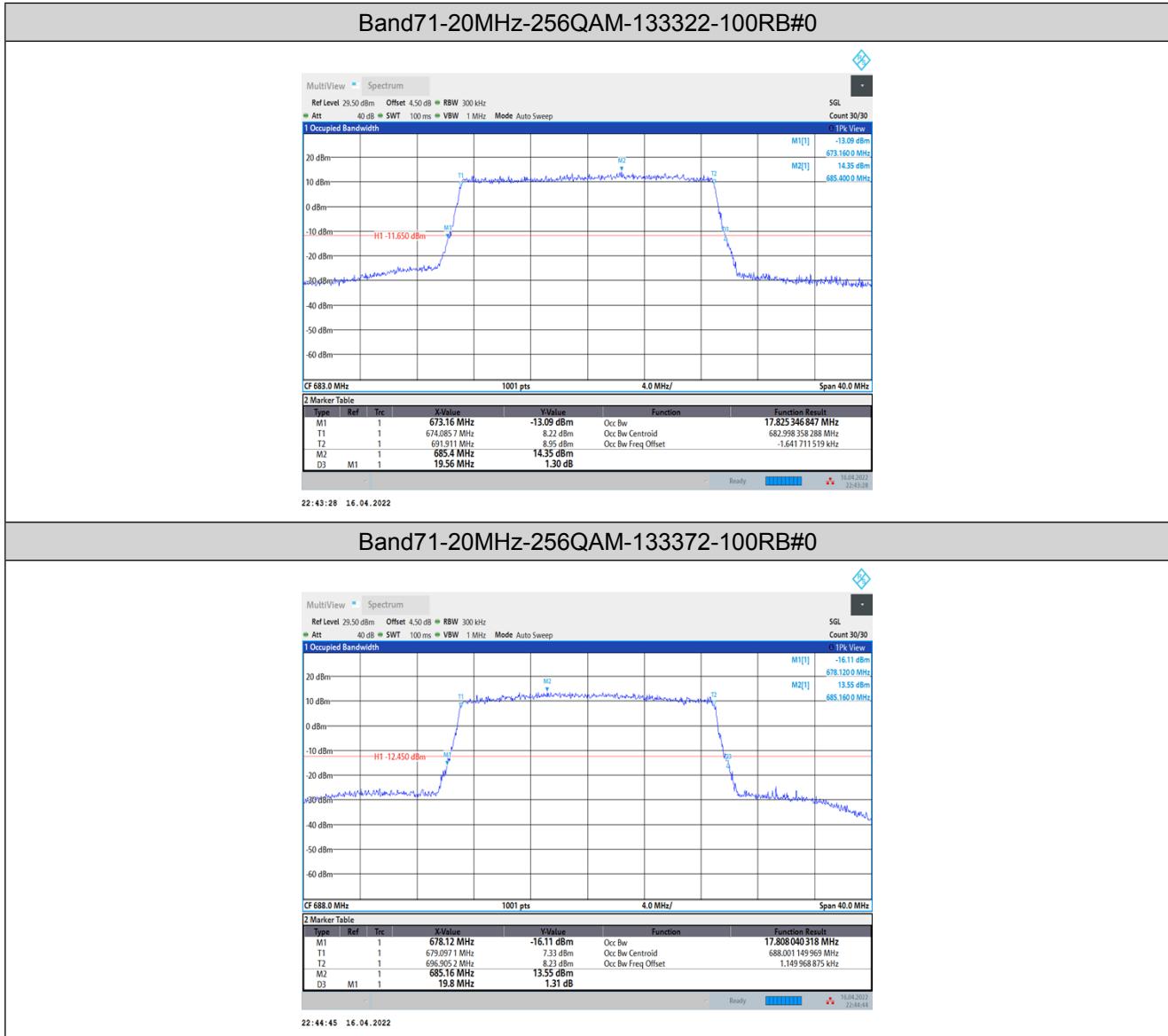


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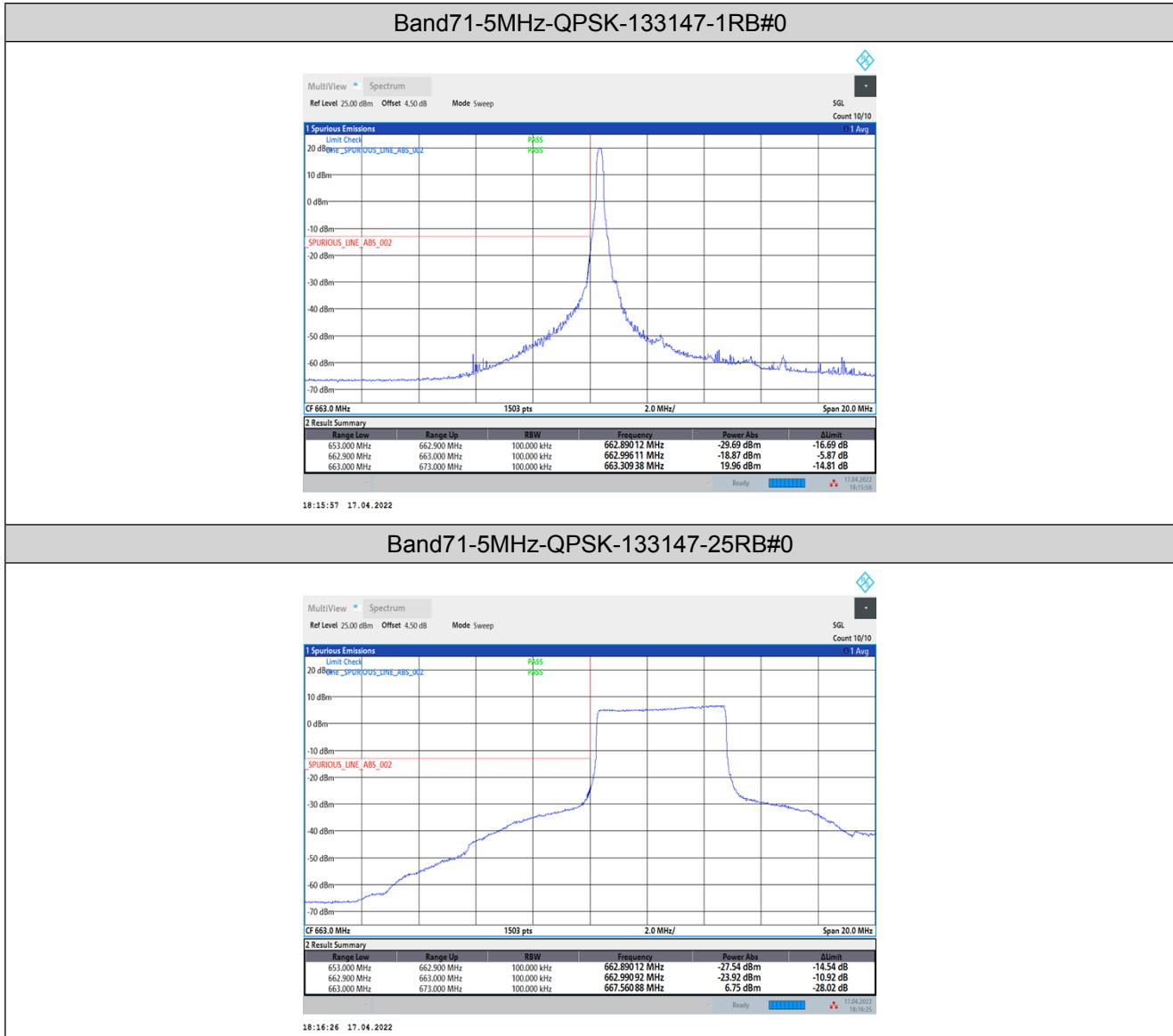
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Band Edge

Test Graphs



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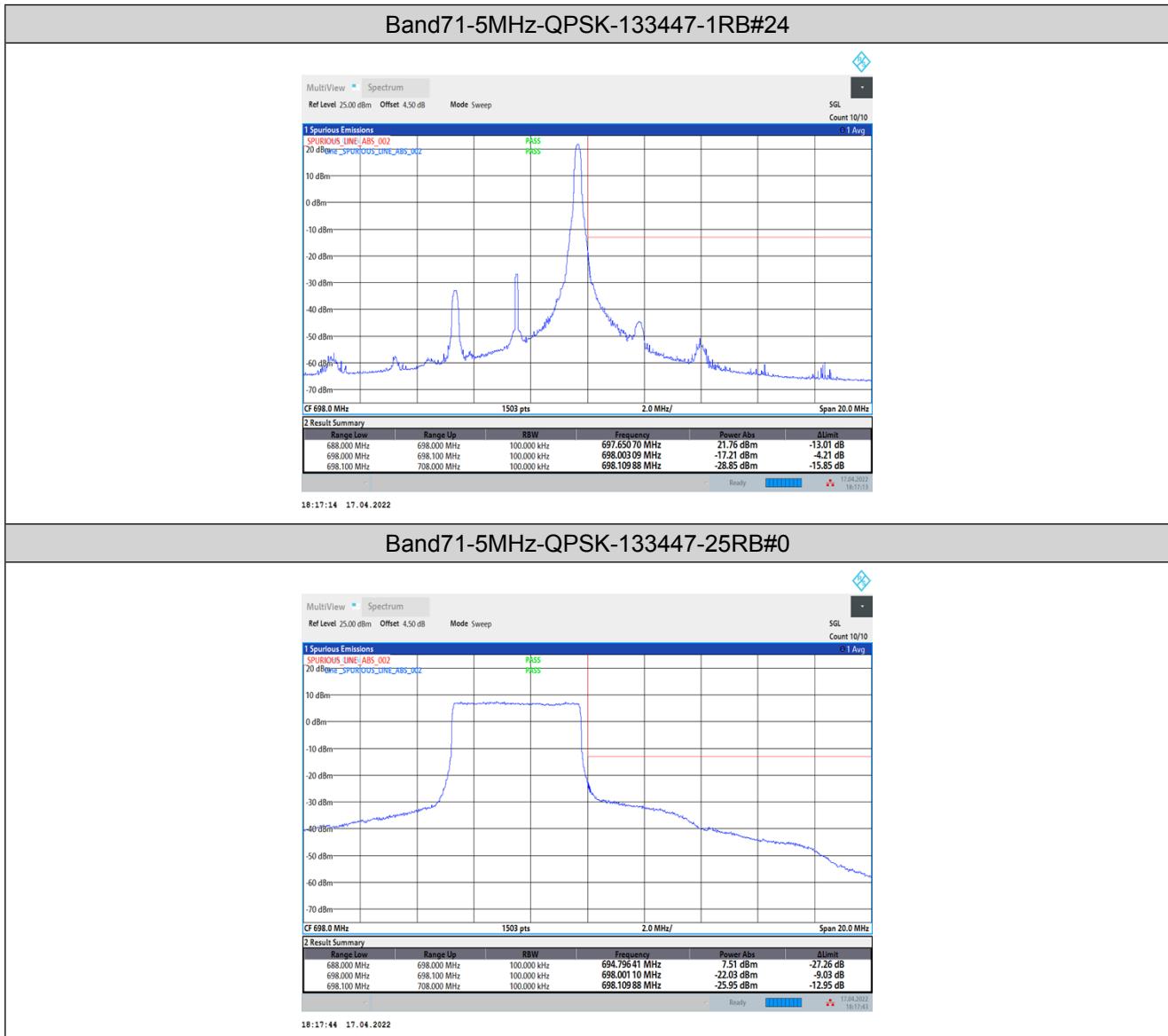


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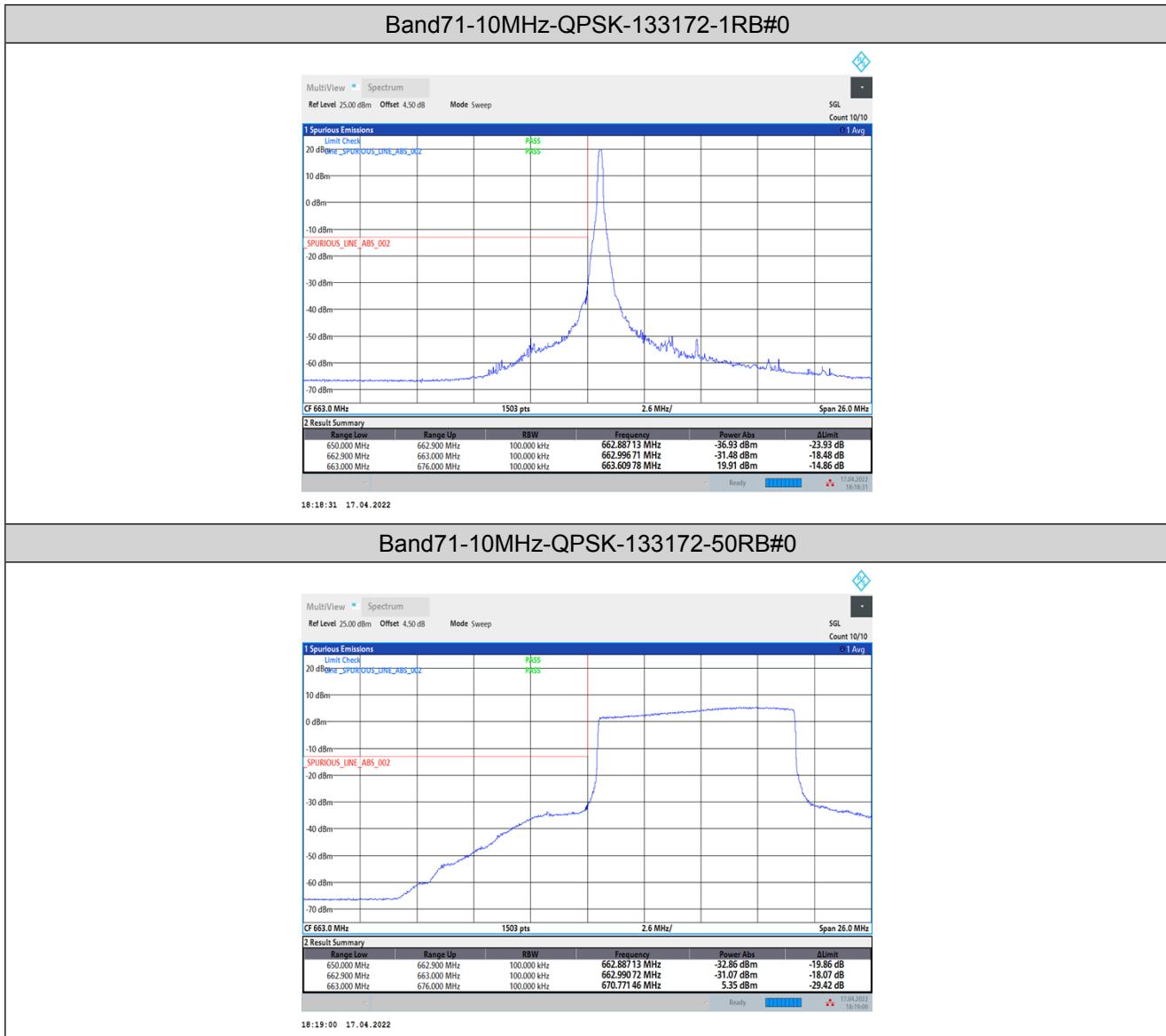


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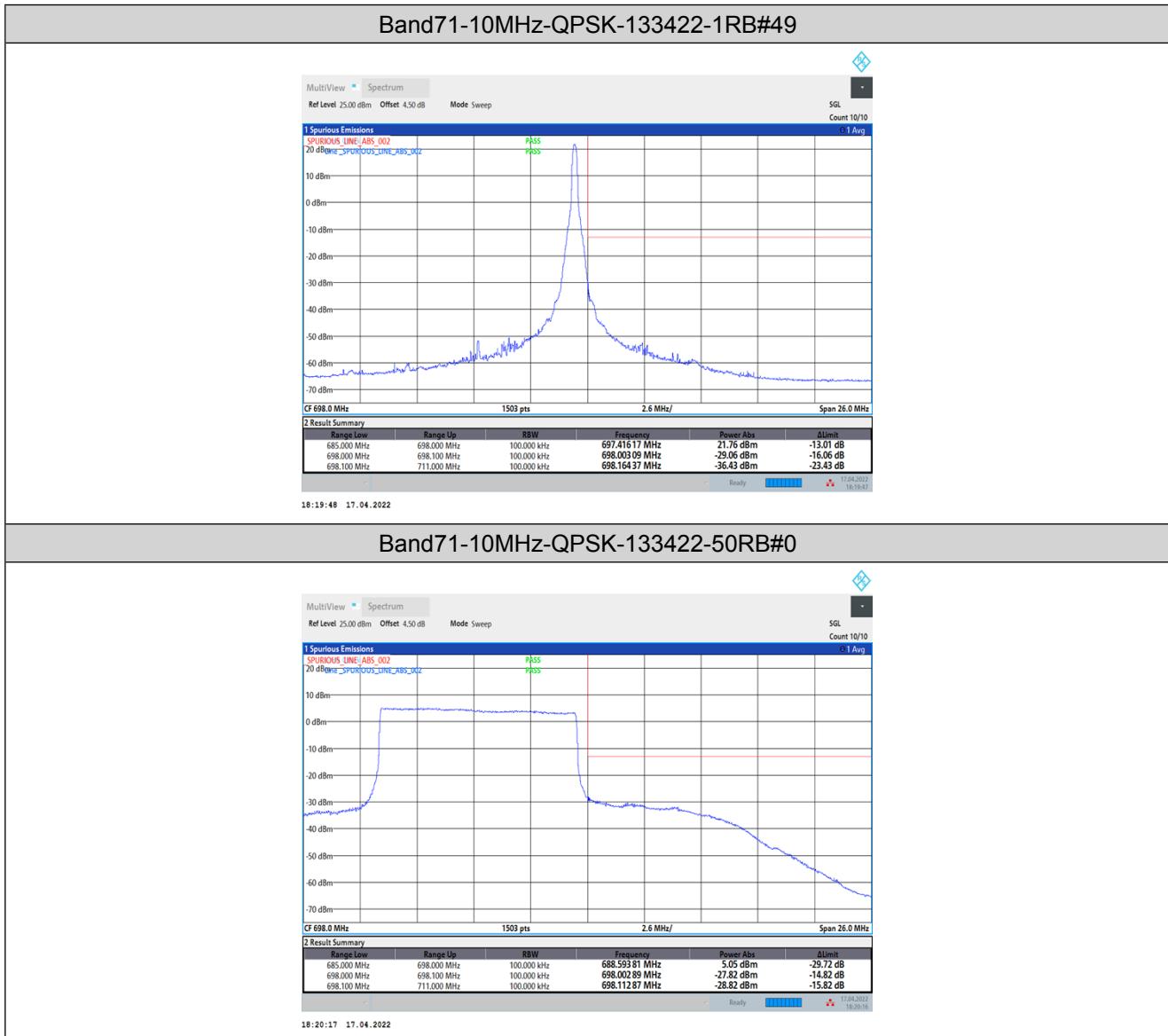
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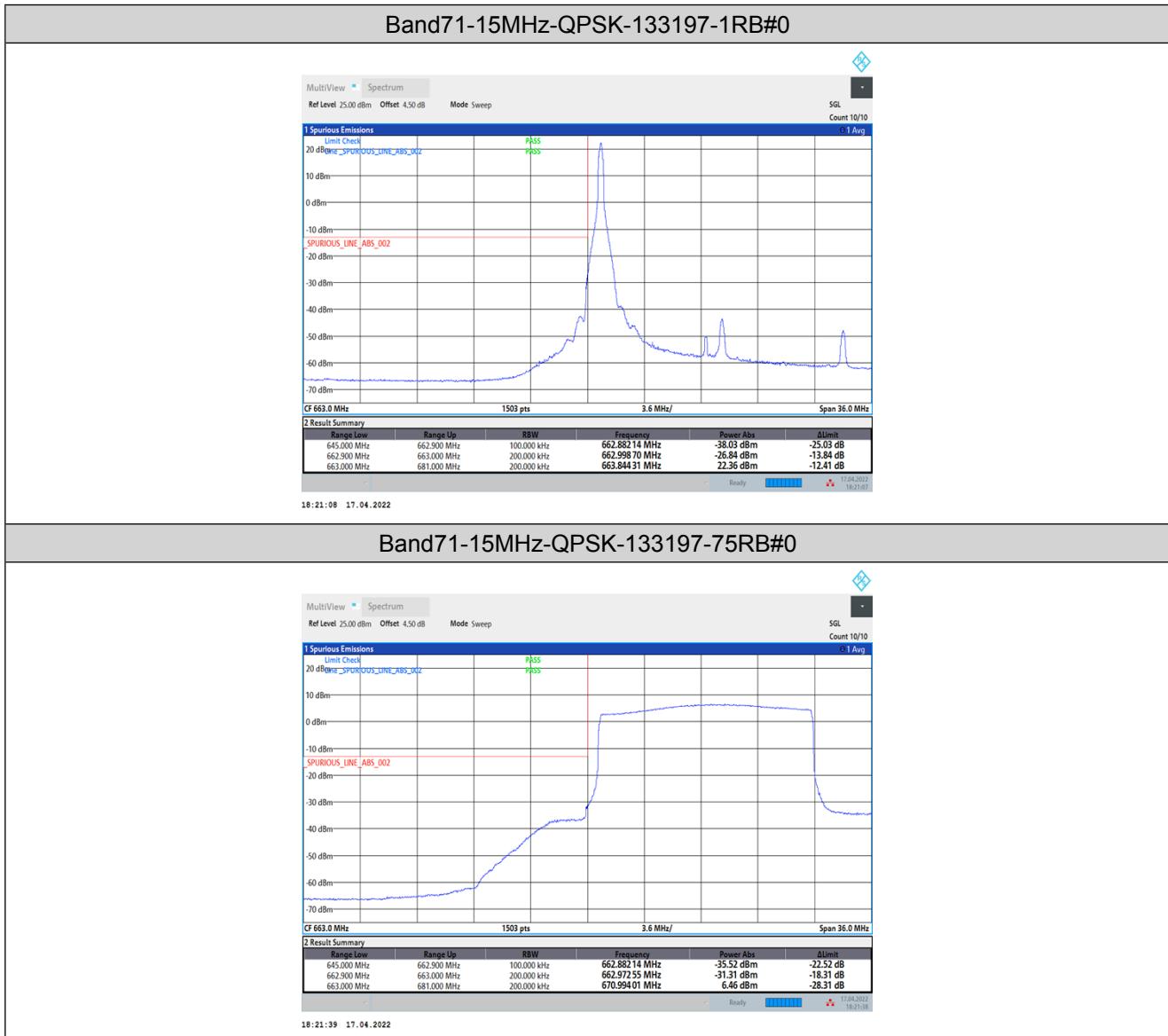


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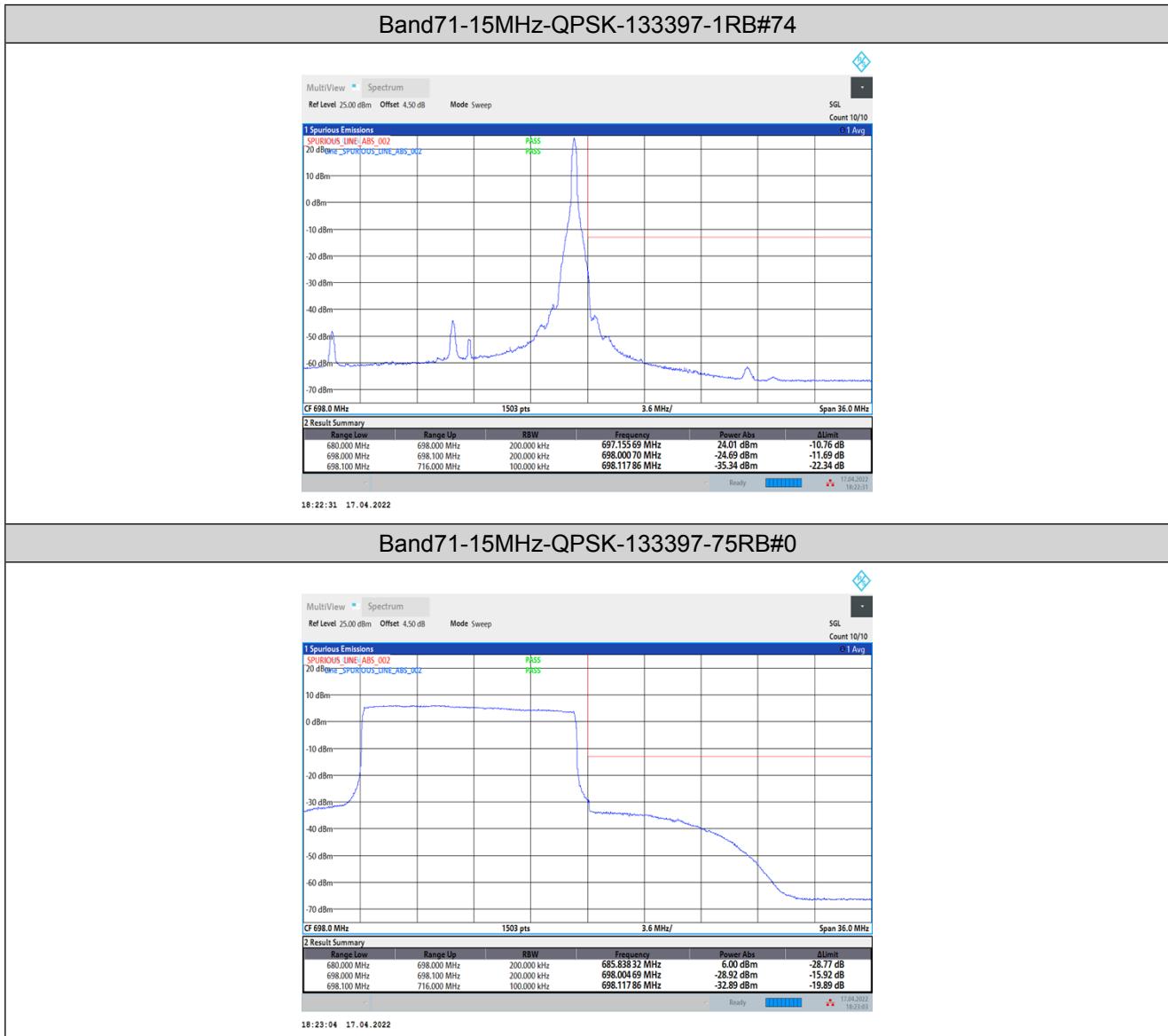
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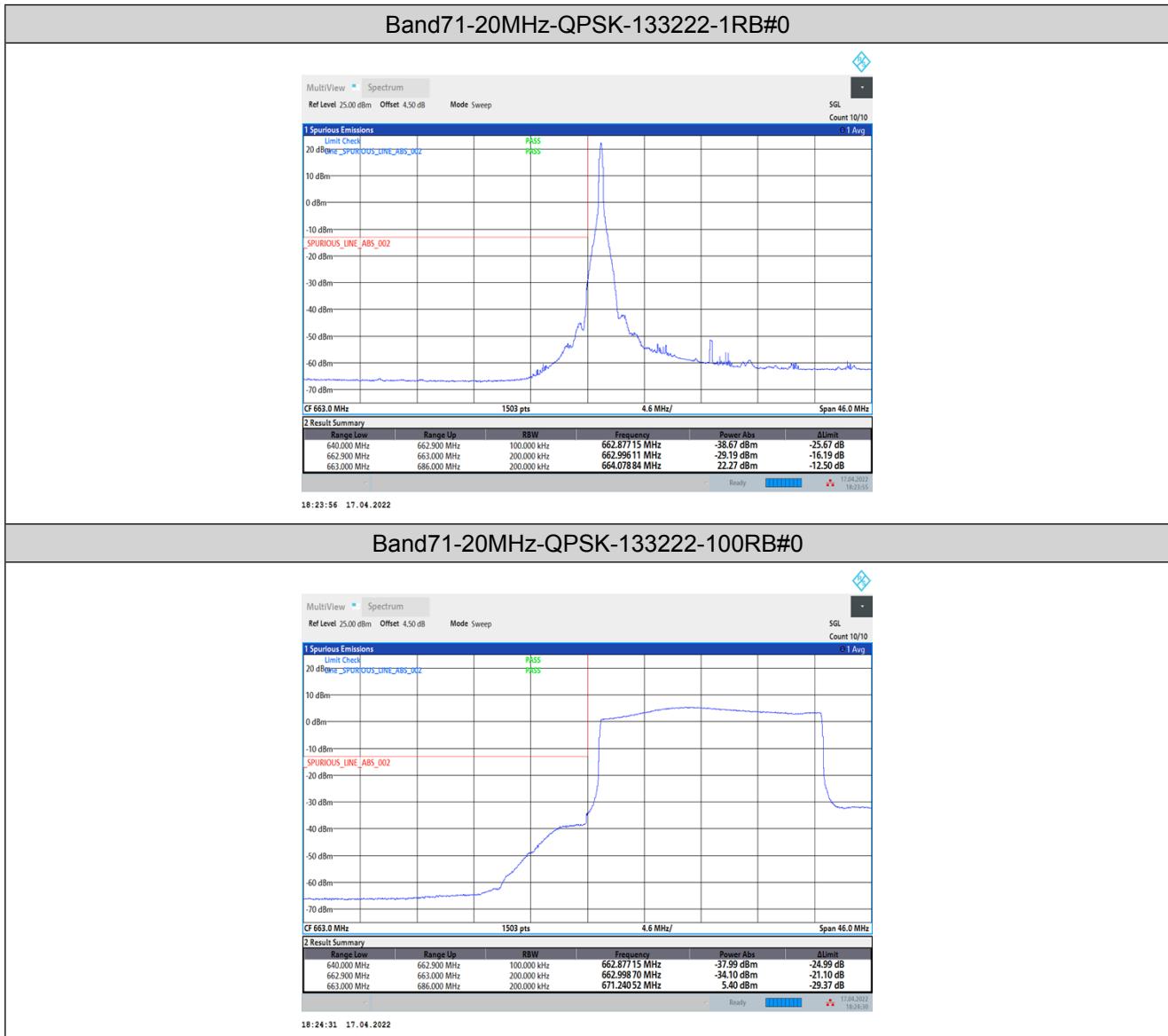
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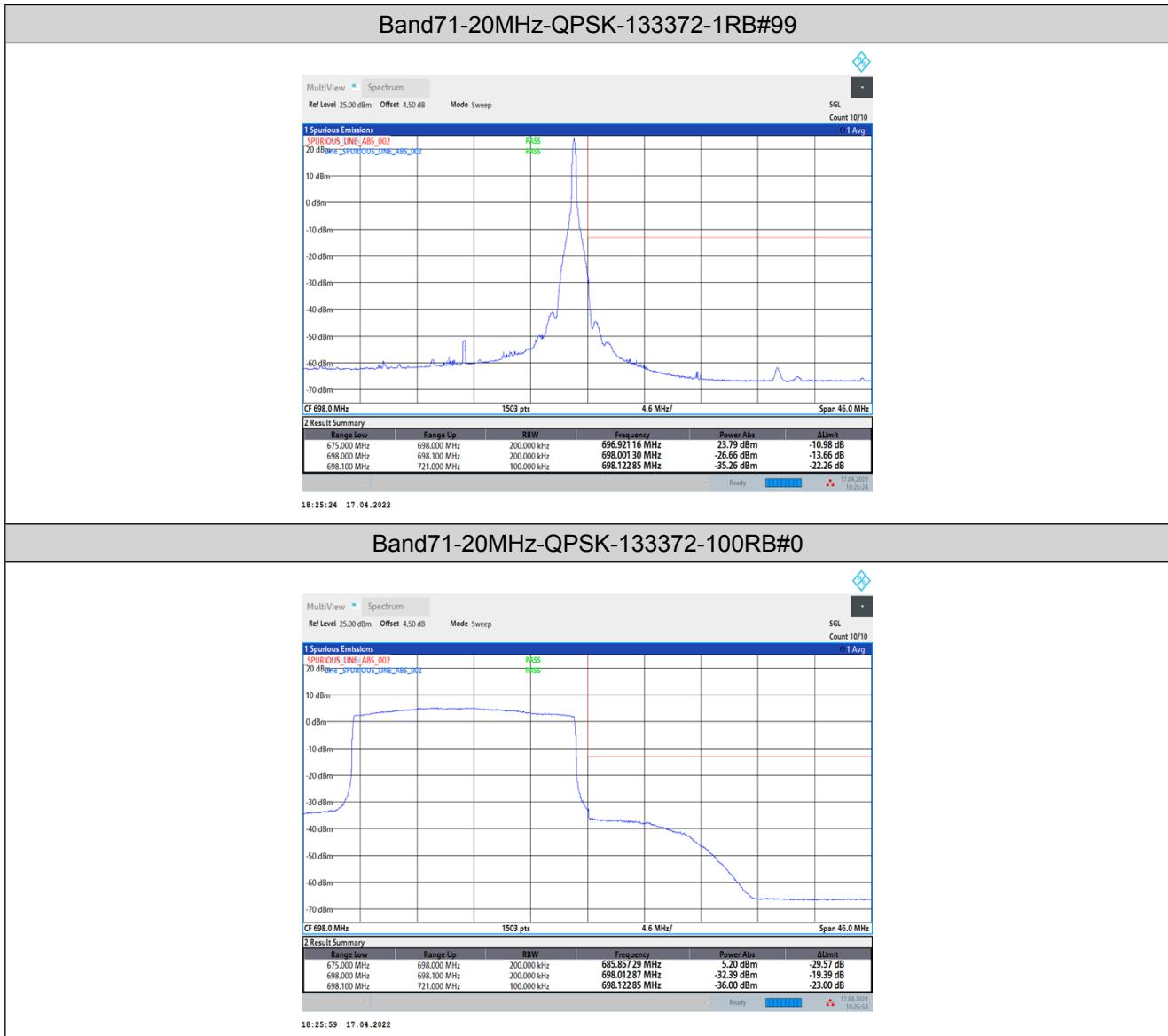
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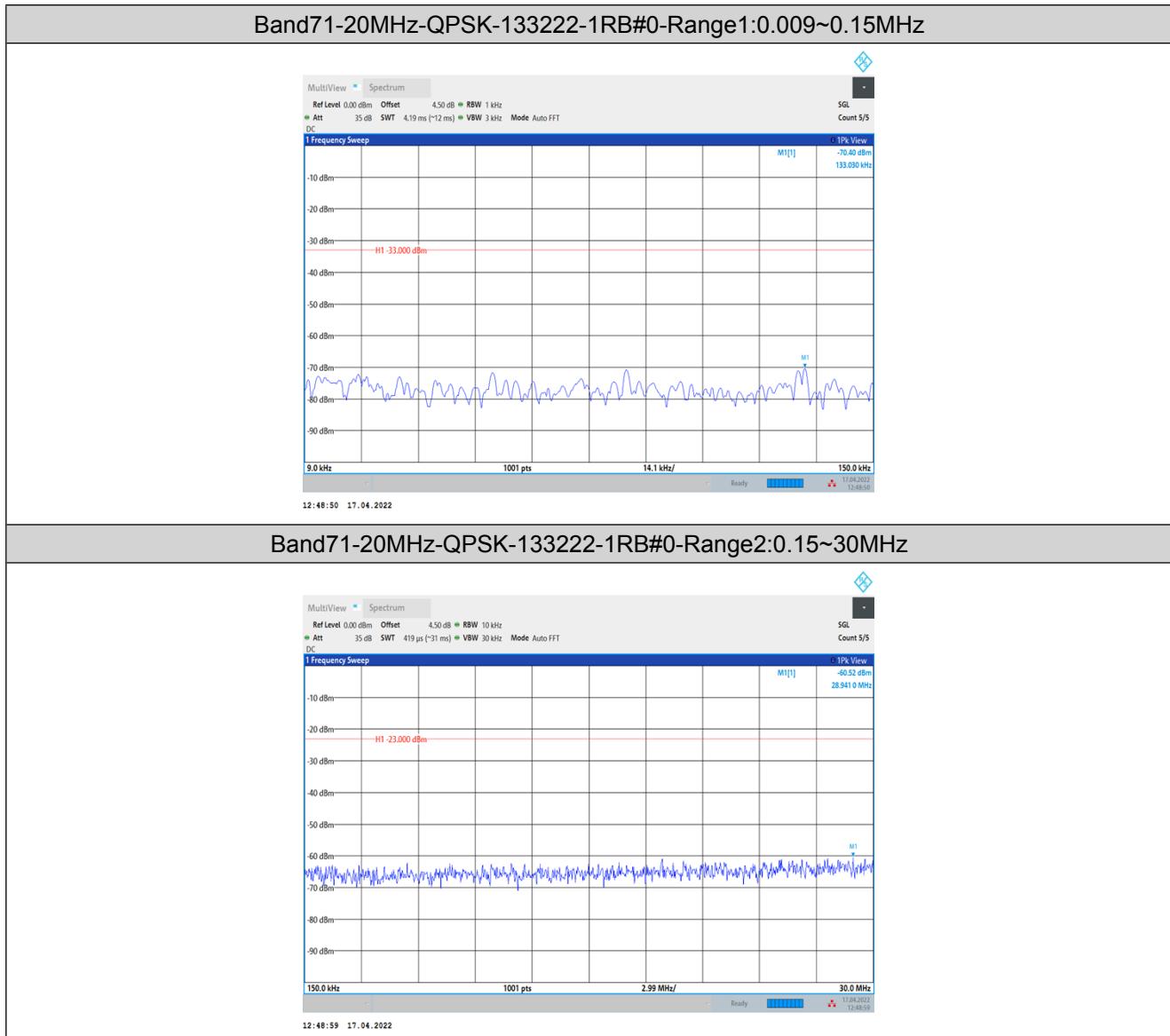
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Conducted Spurious Emission

Test Graphs



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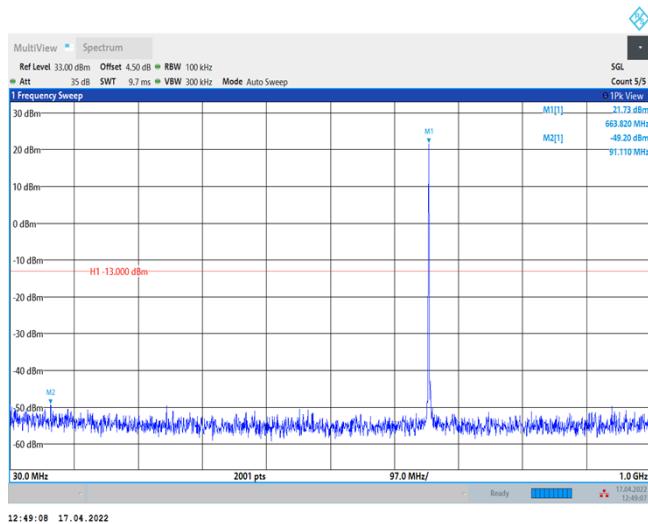
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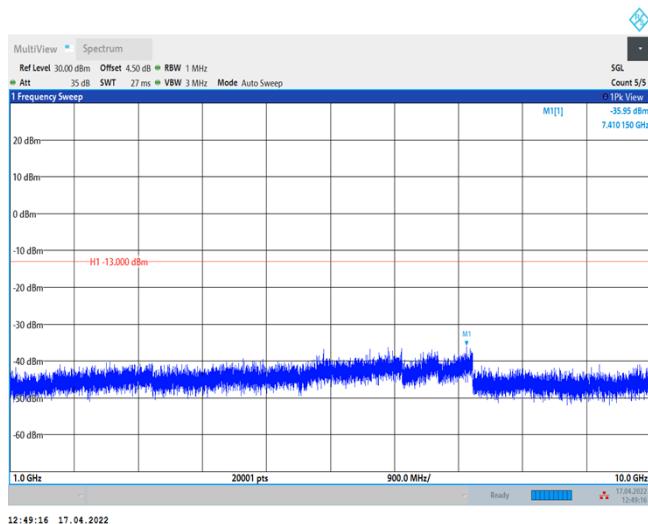
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Band71-20MHz-QPSK-133222-1RB#0-Range3:30~1000MHz



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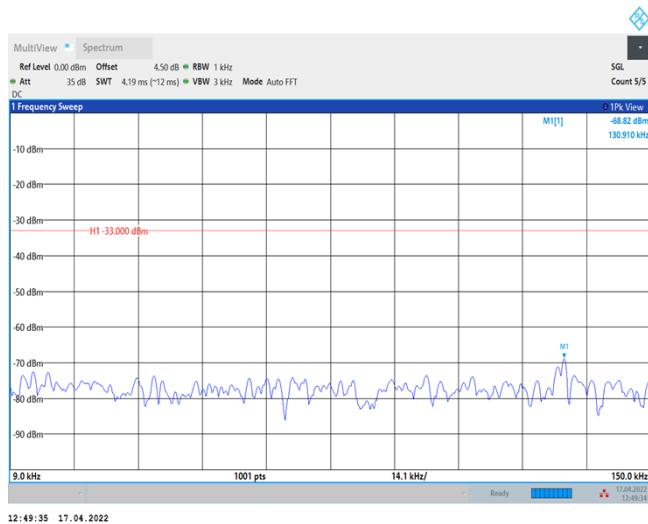
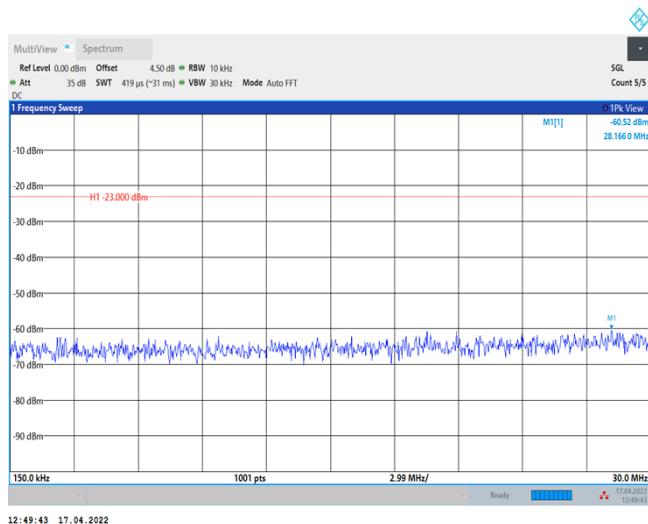


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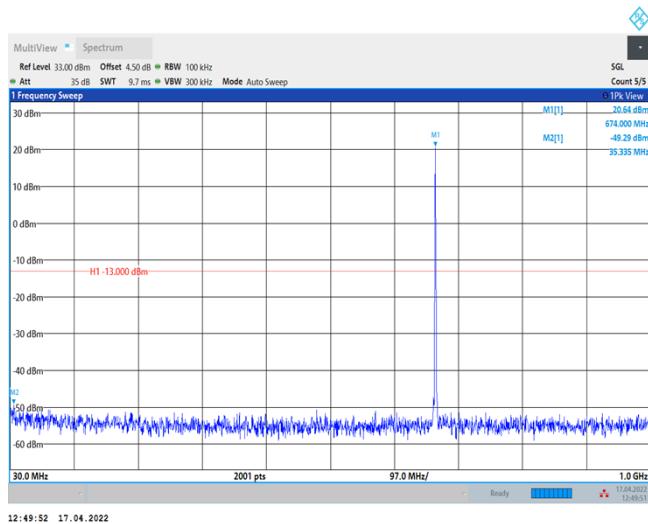
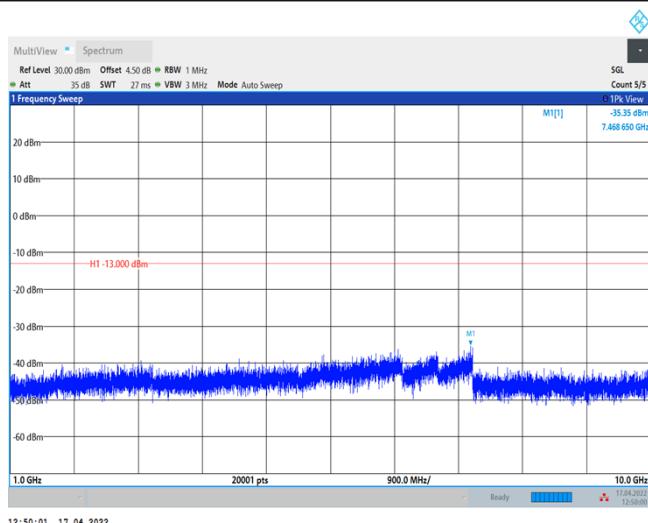


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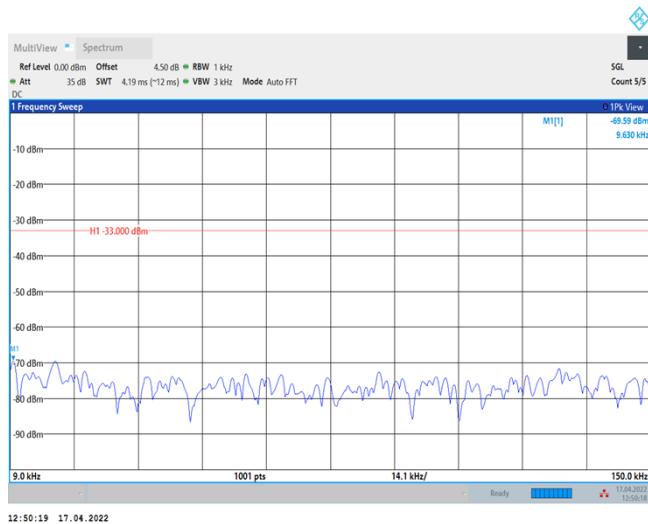
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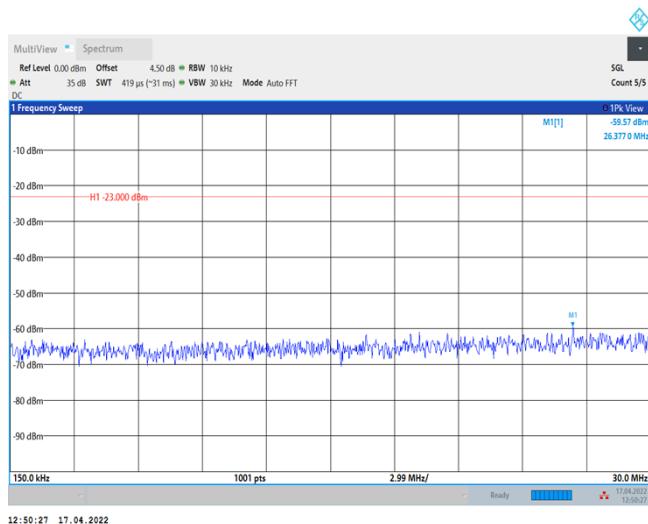
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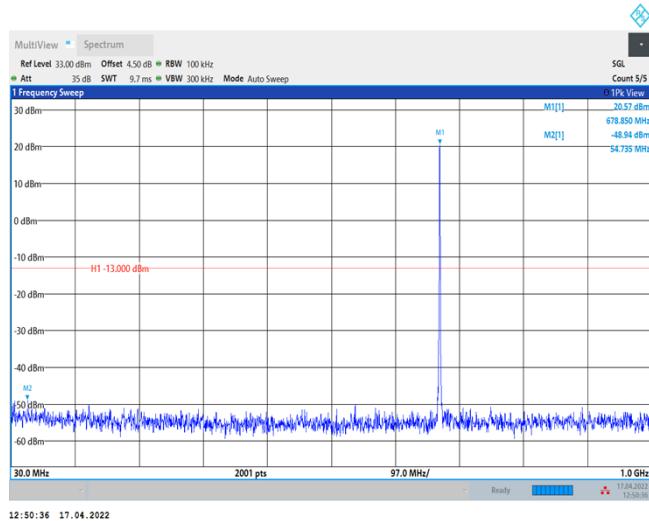
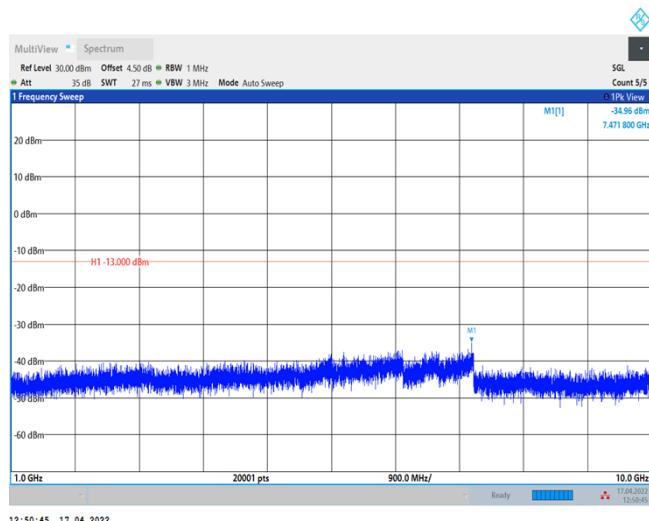


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Band71-20MHz-QPSK-133372-1RB#0-Range3:30~1000MHz**Band71-20MHz-QPSK-133372-1RB#0-Range4:1000~10000MHz**

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Field Strength of Spurious Radiation

Test Band = LTE Band 71_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328	59.44	-118.50	-59.06	-13.00	46.06	162	19	Horizontal
2	1992.27	53.11	-116.48	-63.37	-13.00	50.37	241	342	Horizontal
3	2656.36	51.73	-113.96	-62.23	-13.00	49.23	176	354	Horizontal
4	3320.45	51.16	-111.94	-60.78	-13.00	47.78	284	176	Horizontal
5	3984.54	50.41	-110.20	-59.79	-13.00	46.79	196	354	Horizontal
6	4648.63	49.85	-108.09	-58.24	-13.00	45.24	266	40	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	53.06	-118.51	-65.45	-13.00	52.45	152	142	Vertical
2	1992.27	53.99	-116.48	-62.49	-13.00	49.49	262	268	Vertical
3	2656.36	52.04	-113.96	-61.92	-13.00	48.92	241	225	Vertical
4	3320.45	50.66	-111.94	-61.28	-13.00	48.28	178	0	Vertical
5	3984.54	49.99	-110.20	-60.21	-13.00	47.21	368	194	Vertical
6	4648.63	49.81	-108.09	-58.28	-13.00	45.28	284	163	Vertical

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Test Band = LTE Band 71_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.18	53.19	-118.53	-65.34	-13.00	52.34	263	193	Horizontal
2	2022.27	52.40	-116.34	-63.94	-13.00	50.94	145	360	Horizontal
3	2696.36	52.10	-113.75	-61.65	-13.00	48.65	263	356	Horizontal
4	3370.45	51.50	-112.04	-60.54	-13.00	47.54	214	143	Horizontal
5	4044.54	48.64	-110.05	-61.41	-13.00	48.41	186	132	Horizontal
6	4718.63	49.60	-107.89	-58.29	-13.00	45.29	266	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.18	53.90	-118.53	-64.63	-13.00	51.63	263	298	Vertical
2	2022.27	52.99	-116.34	-63.35	-13.00	50.35	251	0	Vertical
3	2696.36	52.11	-113.75	-61.64	-13.00	48.64	176	350	Vertical
4	3370.45	52.83	-112.04	-59.21	-13.00	46.21	254	70	Vertical
5	4044.54	50.37	-110.05	-59.68	-13.00	46.68	178	27	Vertical
6	4718.63	49.82	-107.89	-58.07	-13.00	45.07	264	279	Vertical

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Test Band = LTE Band 71_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	54.51	-118.54	-64.03	-13.00	51.03	263	332	Horizontal
2	2037.27	54.61	-116.29	-61.68	-13.00	48.68	251	313	Horizontal
3	2716.36	52.60	-113.61	-61.01	-13.00	48.01	174	51	Horizontal
4	3395.45	52.96	-112.09	-59.13	-13.00	46.13	162	71	Horizontal
5	4074.54	50.00	-109.97	-59.97	-13.00	46.97	284	303	Horizontal
6	4753.63	50.65	-107.83	-57.18	-13.00	44.18	178	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	54.15	-118.54	-64.39	-13.00	51.39	263	247	Vertical
2	2037.27	52.48	-116.29	-63.81	-13.00	50.81	251	256	Vertical
3	2716.36	52.07	-113.61	-61.54	-13.00	48.54	174	0	Vertical
4	3395.45	52.69	-112.09	-59.40	-13.00	46.40	186	1	Vertical
5	4074.54	50.27	-109.97	-59.70	-13.00	46.70	264	47	Vertical
6	4753.63	51.78	-107.83	-56.05	-13.00	43.05	188	109	Vertical

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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	0.40	0.000586	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	0.10	0.000146	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	0.10	0.000146	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-0.20	-0.000293	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-1.20	-0.001757	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-0.90	-0.001318	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-2.00	-0.002928	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-0.70	-0.001025	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-1.00	-0.001464	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-0.70	-0.001025	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-1.10	-0.001611	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	0.30	0.000439	PASS

The End

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